

Appendix A: Duty cycle Test Result

Item	Duty Cycle																																																															
Mode	BLE																																																															
Rate	1Mbps																																																															
Channel	2402																																																															
Result	Duty Cycle:49.90%; Burst:2.11ms; Period:4.23ms																																																															
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input: RF</div><div>Coupling: DC</div><div>Align: Auto</div></div><div><div>Input Z: 50 Ω</div><div>Corrections: Off</div><div>Freq Ref: Int (S)</div></div><div><div>#Atten: 20 dB</div><div>PNO: Fast</div><div>Gate: Off</div><div>IF Gain: Low</div><div>Sig Track: Off</div></div><div><div>#Avg Type: Power (RMS)</div><div>1 2 3 4 5 6</div><div>WWW WWW</div><div>PPPPPP</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>9.71</div><div>-0.29</div><div>-10.3</div><div>-20.3</div><div>-30.3</div><div>-40.3</div><div>-50.3</div><div>-60.3</div><div>-70.3</div></div><div><div>Ref Lvl Offset 9.71 dB</div><div>Ref Level 19.71 dBm</div><div>ΔMkr3 4.234 ms</div><div>-2.86 dB</div></div><div><div>Center 2.402000000 GHz</div><div>Res BW 8 MHz</div><div>#Video BW 8.0 MHz</div><div>Span 0 Hz</div><div>Sweep 10.1 ms (8000 pts)</div></div><div><div>5 Marker Table</div><table><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>t</td><td>1.996 ms</td><td>-4.214 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>Δ1</td><td>1</td><td>t</td><td>2.113 ms (Δ)</td><td>8.264 dB</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Δ1</td><td>1</td><td>t</td><td>4.234 ms (Δ)</td><td>-2.860 dB</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table></div><div><div>Aug 19, 2019</div><div>2:35:40 PM</div></div></div><div><div>Center Frequency</div><div>2.402000000 GHz</div><div>Span</div><div>0.00000000 Hz</div><div>Swept Span</div><div>Zero Span</div><div>Full Span</div><div>Start Freq</div><div>2.402000000 GHz</div><div>Stop Freq</div><div>2.402000000 GHz</div><div>AUTO TUNE</div><div>CF Step</div><div>8.000000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div><div>X Axis Scale</div><div>Log</div><div>Lin</div><div>Signal Track</div><div>Span Zoom</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	t	1.996 ms	-4.214 dBm				2	Δ1	1	t	2.113 ms (Δ)	8.264 dB				3	Δ1	1	t	4.234 ms (Δ)	-2.860 dB				4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	t	1.996 ms	-4.214 dBm																																																											
2	Δ1	1	t	2.113 ms (Δ)	8.264 dB																																																											
3	Δ1	1	t	4.234 ms (Δ)	-2.860 dB																																																											
4																																																																
5																																																																
6																																																																
Channel	2440																																																															
Result	Duty Cycle:49.91%; Burst:2.11ms; Period:4.23ms																																																															
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input: RF</div><div>Coupling: DC</div><div>Align: Auto</div></div><div><div>Input Z: 50 Ω</div><div>Corrections: Off</div><div>Freq Ref: Int (S)</div></div><div><div>#Atten: 20 dB</div><div>PNO: Fast</div><div>Gate: Off</div><div>IF Gain: Low</div><div>Sig Track: Off</div></div><div><div>#Avg Type: Power (RMS)</div><div>1 2 3 4 5 6</div><div>WWW WWW</div><div>PPPPPP</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>9.80</div><div>-0.20</div><div>-10.2</div><div>-20.2</div><div>-30.2</div><div>-40.2</div><div>-50.2</div><div>-60.2</div><div>-70.2</div></div><div><div>Ref Lvl Offset 9.80 dB</div><div>Ref Level 19.80 dBm</div><div>ΔMkr3 4.233 ms</div><div>-10.76 dB</div></div><div><div>Center 2.440000000 GHz</div><div>Res BW 8 MHz</div><div>#Video BW 8.0 MHz</div><div>Span 0 Hz</div><div>Sweep 10.1 ms (8000 pts)</div></div><div><div>5 Marker Table</div><table><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr><tr><td>1</td><td>N</td><td>1</td><td>t</td><td>1.996 ms</td><td>-0.5483 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>Δ1</td><td>1</td><td>t</td><td>2.113 ms (Δ)</td><td>4.680 dB</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Δ1</td><td>1</td><td>t</td><td>4.233 ms (Δ)</td><td>-10.76 dB</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table></div><div><div>Aug 19, 2019</div><div>2:41:20 PM</div></div></div><div><div>Center Frequency</div><div>2.440000000 GHz</div><div>Span</div><div>0.00000000 Hz</div><div>Swept Span</div><div>Zero Span</div><div>Full Span</div><div>Start Freq</div><div>2.440000000 GHz</div><div>Stop Freq</div><div>2.440000000 GHz</div><div>AUTO TUNE</div><div>CF Step</div><div>8.000000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div><div>X Axis Scale</div><div>Log</div><div>Lin</div><div>Signal Track</div><div>Span Zoom</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	t	1.996 ms	-0.5483 dBm				2	Δ1	1	t	2.113 ms (Δ)	4.680 dB				3	Δ1	1	t	4.233 ms (Δ)	-10.76 dB				4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	t	1.996 ms	-0.5483 dBm																																																											
2	Δ1	1	t	2.113 ms (Δ)	4.680 dB																																																											
3	Δ1	1	t	4.233 ms (Δ)	-10.76 dB																																																											
4																																																																
5																																																																
6																																																																

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Channel	2480																																																															
Result	Duty Cycle:49.90%; Burst:2.11ms; Period:4.23ms																																																															
Verdict	PASS																																																															
Graph:	<div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input RF: Coupling: DC, Align: Auto</div><div>Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S)</div><div>#Atten: 20 dB</div><div>PNO: Fast, Gate: Off, IF Gain: Low, Sig Track: Off</div><div>#Avg Type: Power (RMS), Trig: Video, Trig Delay: -2.000 ms</div><div>1 2 3 4 5 6</div><div>WWW WWW</div><div>PPP PPP</div></div><div><div>Center Frequency</div><div>2.480000000 GHz</div></div><div><div>Span</div><div>0.000000000 Hz</div></div><div><div>Swept Span</div><div>Zero Span</div></div><div><div>Full Span</div></div><div><div>Start Freq</div><div>2.480000000 GHz</div></div><div><div>Stop Freq</div><div>2.480000000 GHz</div></div><div><div>AUTO TUNE</div></div><div><div>CF Step</div><div>8.000000 MHz</div></div><div><div>Auto</div><div>Man</div></div><div><div>Freq Offset</div><div>0 Hz</div></div><div><div>X Axis Scale</div><div>Log</div><div>Lin</div></div><div><div>Signal Track</div><div>Scan (Zoom)</div></div></div><div><div>1 Spectrum</div><div>Ref Lvl Offset 9.80 dB</div><div>Ref Level 19.80 dBm</div><div>ΔMkr3 4.234 ms</div><div>1.44 dB</div><div>Scale/Div 10 dB</div><div>Log</div><div>Center 2.480000000 GHz</div><div>#Video BW 8.0 MHz</div><div>Span 0 Hz</div><div>Res BW 8 MHz</div><div>Sweep 10.1 ms (8000 pts)</div></div><div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>t</td><td>1.996 ms</td><td>-1.634 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>Δ1</td><td>1</td><td>t</td><td>(Δ)</td><td>2.113 ms (Δ)</td><td></td><td></td><td>5.361 dB</td></tr><tr><td>3</td><td>Δ1</td><td>1</td><td>t</td><td>(Δ)</td><td>4.234 ms (Δ)</td><td></td><td></td><td>1.441 dB</td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table></div><div><div>Aug 19, 2019</div><div>2:45:09 PM</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	t	1.996 ms	-1.634 dBm				2	Δ1	1	t	(Δ)	2.113 ms (Δ)			5.361 dB	3	Δ1	1	t	(Δ)	4.234 ms (Δ)			1.441 dB	4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	t	1.996 ms	-1.634 dBm																																																											
2	Δ1	1	t	(Δ)	2.113 ms (Δ)			5.361 dB																																																								
3	Δ1	1	t	(Δ)	4.234 ms (Δ)			1.441 dB																																																								
4																																																																
5																																																																
6																																																																

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Appendix B: 6dB bandwidth Test Result

Item	6dB bandwidth																																																															
Mode	BLE																																																															
Rate	1Mbps																																																															
Channel	2402																																																															
Result	0.688MHz																																																															
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input RF: Coupling: DC, Align: Auto</div><div>Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S)</div><div>#Atten: 40 dB</div><div>PNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off</div><div>#Avg Type: Power (RMS), Trig: Free Run</div><div>1 2 3 4 5 6</div><div>M WWW WWW</div><div>P P P P P P</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>Ref Lvl Offset 9.71 dB</div><div>Ref Level 30.00 dBm</div><div>ΔMkr3 688 kHz</div><div>0.01 dB</div><div>DL1 1.97 dBm</div><div>Center 2.402000 GHz</div><div>#Res BW 100 kHz</div><div>#Video BW 300 kHz</div><div>Span 4.000 MHz</div><div>Sweep 1.00 ms (1001 pts)</div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.401636 GHz</td><td>-2.017 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.401992 GHz</td><td>4.034 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Δ1</td><td>1</td><td>f (Δ)</td><td>688 kHz (Δ)</td><td>0.01155 dB</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table><div><div>Aug 19, 2019</div><div>2:36:04 PM</div></div></div></div><div><div>Center Frequency</div><div>2.402000000 GHz</div><div>Span</div><div>4.000000000 MHz</div><div>Swept Span</div><div>Zero Span</div><div>Full Span</div><div>Start Freq</div><div>2.400000000 GHz</div><div>Stop Freq</div><div>2.404000000 GHz</div><div>AUTO TUNE</div><div>CF Step</div><div>400.000 kHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div><div>X Axis Scale</div><div>Log</div><div>Lin</div><div>Signal Track</div><div>(Span Zoom)</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.401636 GHz	-2.017 dBm				2	N	1	f	2.401992 GHz	4.034 dBm				3	Δ1	1	f (Δ)	688 kHz (Δ)	0.01155 dB				4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	f	2.401636 GHz	-2.017 dBm																																																											
2	N	1	f	2.401992 GHz	4.034 dBm																																																											
3	Δ1	1	f (Δ)	688 kHz (Δ)	0.01155 dB																																																											
4																																																																
5																																																																
6																																																																
Channel	2440																																																															
Result	0.764MHz																																																															
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input RF: Coupling: DC, Align: Auto</div><div>Input Z: 50 Ω, Corrections: Off, Freq Ref: Int (S)</div><div>#Atten: 40 dB</div><div>PNO: Best Wide, Gate: Off, IF Gain: Low, Sig Track: Off</div><div>#Avg Type: Power (RMS), Trig: Free Run</div><div>1 2 3 4 5 6</div><div>M WWW WWW</div><div>P P P P P P</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>Ref Lvl Offset 9.80 dB</div><div>Ref Level 30.00 dBm</div><div>ΔMkr3 764 kHz</div><div>-0.07 dB</div><div>DL1 -3.06 dBm</div><div>Center 2.440000 GHz</div><div>#Res BW 100 kHz</div><div>#Video BW 300 kHz</div><div>Span 4.000 MHz</div><div>Sweep 1.00 ms (1001 pts)</div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.439608 GHz</td><td>-3.178 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.439728 GHz</td><td>2.943 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>Δ1</td><td>1</td><td>f (Δ)</td><td>764 kHz (Δ)</td><td>-0.07423 dB</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table><div><div>Aug 19, 2019</div><div>2:41:45 PM</div></div></div></div><div><div>Center Frequency</div><div>2.440000000 GHz</div><div>Span</div><div>4.000000000 MHz</div><div>Swept Span</div><div>Zero Span</div><div>Full Span</div><div>Start Freq</div><div>2.438000000 GHz</div><div>Stop Freq</div><div>2.442000000 GHz</div><div>AUTO TUNE</div><div>CF Step</div><div>400.000 kHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div><div>X Axis Scale</div><div>Log</div><div>Lin</div><div>Signal Track</div><div>(Span Zoom)</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.439608 GHz	-3.178 dBm				2	N	1	f	2.439728 GHz	2.943 dBm				3	Δ1	1	f (Δ)	764 kHz (Δ)	-0.07423 dB				4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	f	2.439608 GHz	-3.178 dBm																																																											
2	N	1	f	2.439728 GHz	2.943 dBm																																																											
3	Δ1	1	f (Δ)	764 kHz (Δ)	-0.07423 dB																																																											
4																																																																
5																																																																
6																																																																

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

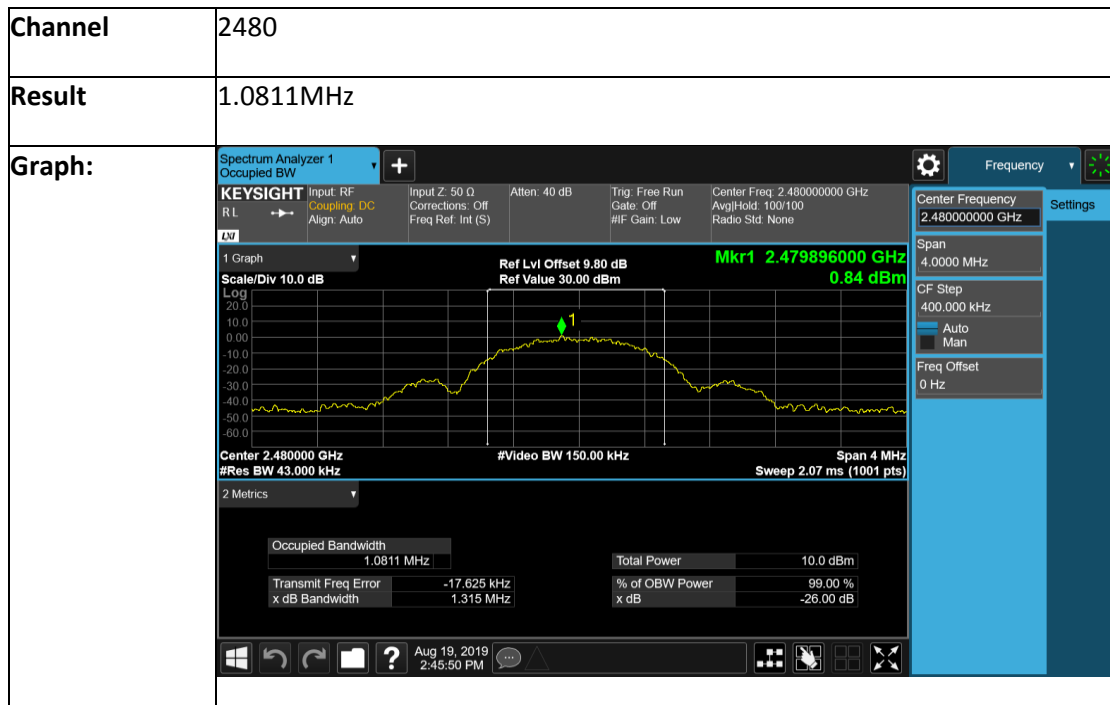
Appendix C: 99% Occupied Bandwidth Test Result

Item	Occupied channel bandwidth
Mode	BLE
Rate	1Mbps
Channel	2402
Result	1.0437MHz
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Occupied BW</div></div><div><div><div>KEYSIGHT</div><div><div>Input: RF</div><div>Coupling: DC</div><div>Align: Auto</div></div><div><div>Input Z: 50 Ω</div><div>Corrections: Off</div><div>Freq Ref: Int (S)</div></div><div><div>Atten: 40 dB</div></div><div><div>Trig: Free Run</div><div>Gate: Off</div><div>#IF Gain: Low</div></div><div><div>Center Freq: 2.402000000 GHz</div><div>Avg/Hold: 100/100</div><div>Radio Std: None</div></div></div></div><div><div>Center Frequency</div><div>2.402000000 GHz</div></div><div><div>Span</div><div>4.0000 MHz</div></div><div><div>CF Step</div><div>400.000 kHz</div></div><div><div>Auto</div><div>Man</div></div><div><div>Freq Offset</div><div>0 Hz</div></div></div><div><div>1 Graph</div><div>Scale/Div 10.0 dB</div><div>Log</div><div>Ref Lvl Offset 9.71 dB</div><div>Ref Value 30.00 dBm</div><div>Mkr1 2.402008000 GHz</div><div>1.93 dBm</div><div>Center 2.402000 GHz</div><div>#Res BW 43.000 kHz</div><div>#Video BW 150.00 kHz</div><div>Span 4 MHz</div><div>Sweep 2.07 ms (1001 pts)</div><div>2 Metrics</div><div><div>Occupied Bandwidth</div><div>1.0437 MHz</div><div>Total Power</div><div>11.2 dBm</div><div>Transmit Freq Error</div><div>-14.382 kHz</div><div>% of OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>1.305 MHz</div><div>x dB</div><div>-26.00 dB</div></div><div><div>Aug 19, 2019</div><div>2:36:20 PM</div></div></div></div></div> <div>Channel</div> <div>2440</div> <div>Result</div> <div>1.0726MHz</div> <div>Graph:</div> <div><div><div><div><div>Spectrum Analyzer 1</div><div>Occupied BW</div></div><div><div><div>KEYSIGHT</div><div><div>Input: RF</div><div>Coupling: DC</div><div>Align: Auto</div></div><div><div>Input Z: 50 Ω</div><div>Corrections: Off</div><div>Freq Ref: Int (S)</div></div><div><div>Atten: 40 dB</div></div><div><div>Trig: Free Run</div><div>Gate: Off</div><div>#IF Gain: Low</div></div><div><div>Center Freq: 2.440000000 GHz</div><div>Avg/Hold: 100/100</div><div>Radio Std: None</div></div></div></div><div><div>Center Frequency</div><div>2.440000000 GHz</div></div><div><div>Span</div><div>4.0000 MHz</div></div><div><div>CF Step</div><div>400.000 kHz</div></div><div><div>Auto</div><div>Man</div></div><div><div>Freq Offset</div><div>0 Hz</div></div></div><div><div>1 Graph</div><div>Scale/Div 10.0 dB</div><div>Log</div><div>Ref Lvl Offset 9.80 dB</div><div>Ref Value 30.00 dBm</div><div>Mkr1 2.439900000 GHz</div><div>0.65 dBm</div><div>Center 2.440000 GHz</div><div>#Res BW 43.000 kHz</div><div>#Video BW 150.00 kHz</div><div>Span 4 MHz</div><div>Sweep 2.07 ms (1001 pts)</div><div>2 Metrics</div><div><div>Occupied Bandwidth</div><div>1.0726 MHz</div><div>Total Power</div><div>10.3 dBm</div><div>Transmit Freq Error</div><div>-14.756 kHz</div><div>% of OBW Power</div><div>99.00 %</div><div>x dB Bandwidth</div><div>1.335 MHz</div><div>x dB</div><div>-26.00 dB</div></div><div><div>Aug 19, 2019</div><div>2:42:00 PM</div></div></div></div></div>



Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



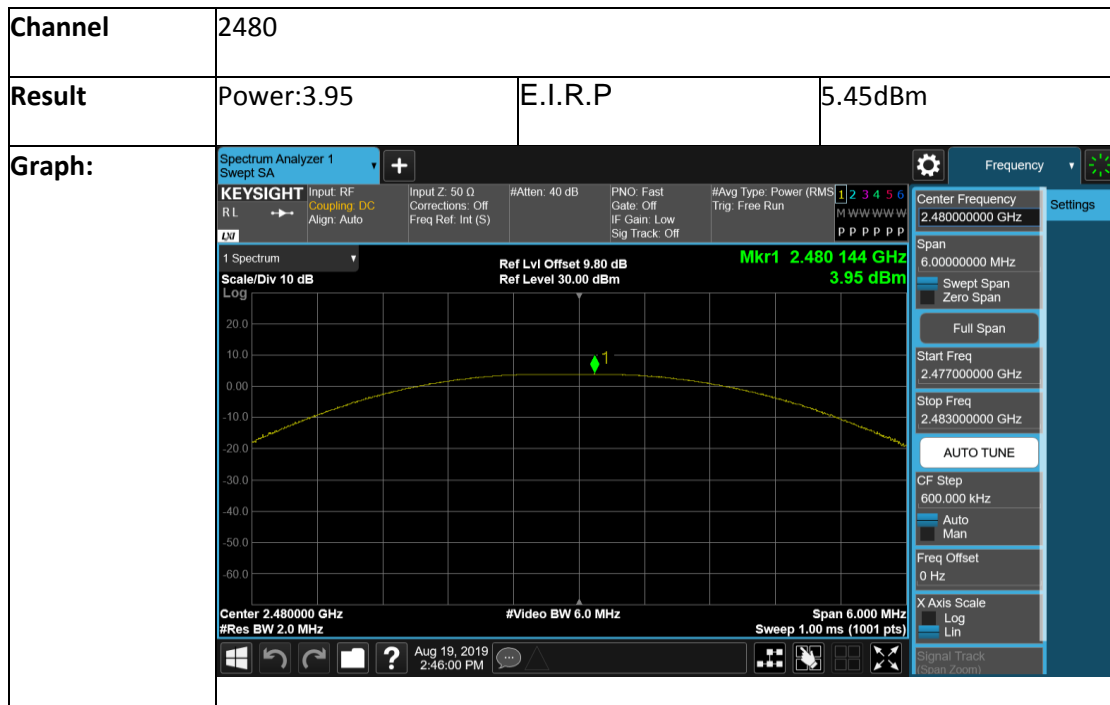
Appendix D: Conducted output power and E.I.R.P for DTS Test Result

Item	Maximum conducted output power		
Mode	BLE		
Rate	1Mbps		
Channel	2402		
Result	Power:4.23dBm	E.I.R.P	5.73dBm
Graph:			
Channel	2440		
Result	Power:4.31	E.I.R.P	5.81dBm
Graph:			

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

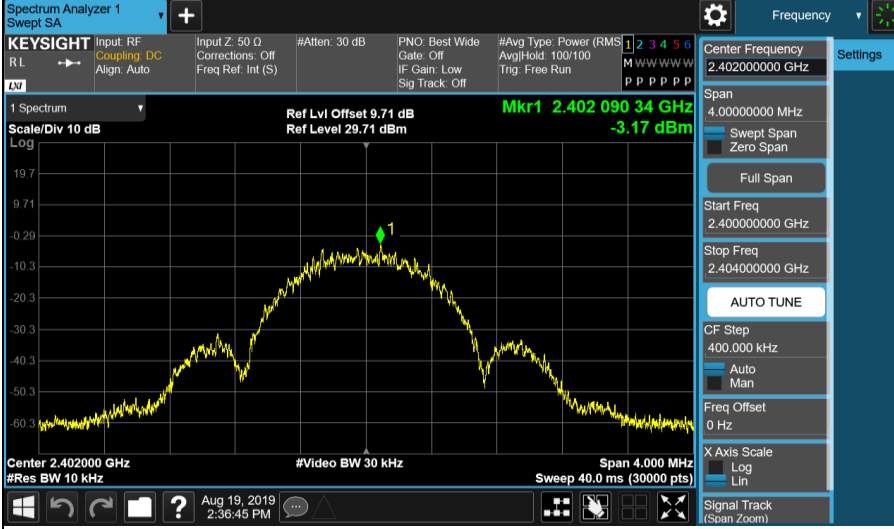



Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

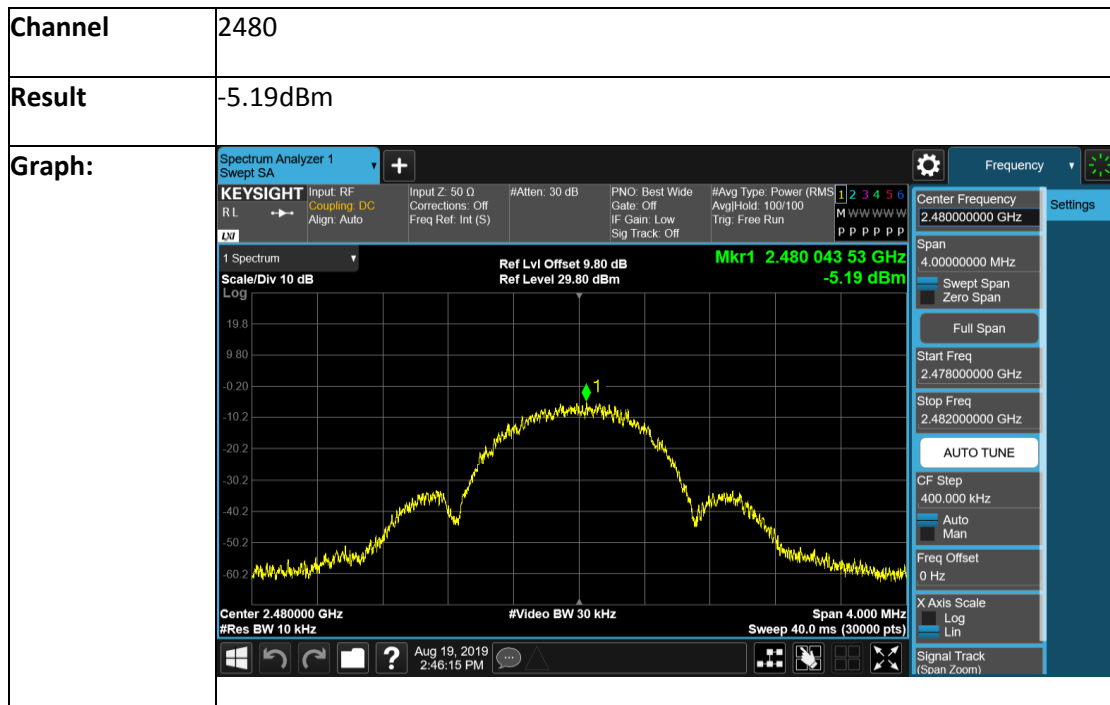
Appendix E: Power spectral density Test Result

Item	Maximum power spectral density
Mode	BLE
Rate	1Mbps
Channel	2402
Result	-3.17dBm
Graph:	 <p>Spectrum Analyzer 1 Swept SA</p> <p>KEYSIGHT Input: RF Coupling: DC Align: Auto</p> <p>Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)</p> <p>#Atten: 30 dB</p> <p>PN0: Best Wide Gate: Off IF Gain: Low Sig Track: Off</p> <p>#Avg Type: Power (RMS) Avg/Hold: 100/100 Trig: Free Run</p> <p>Center Frequency: 2.40200000 GHz Span: 4.00000000 MHz Start Freq: 2.400000000 GHz Stop Freq: 2.404000000 GHz AUTO TUNE CF Step: 400.000 kHz Auto Man Freq Offset: 0 Hz X Axis Scale: Log Lin Signal Track (Span Zoom)</p> <p>1 Spectrum Scale/Div 10 dB Log</p> <p>Ref Lvl Offset 9.71 dB Ref Level 29.71 dBm</p> <p>Mkr1 2.402 090 34 GHz -3.17 dBm</p> <p>Center 2.402000 GHz #Res BW 10 kHz #Video BW 30 kHz Span 4.000 MHz Sweep 40.0 ms (30000 pts)</p> <p>Aug 19, 2019 2:36:45 PM</p>
Channel	2440
Result	-4.86dBm
Graph:	 <p>Spectrum Analyzer 1 Swept SA</p> <p>KEYSIGHT Input: RF Coupling: DC Align: Auto</p> <p>Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)</p> <p>#Atten: 30 dB</p> <p>PN0: Best Wide Gate: Off IF Gain: Low Sig Track: Off</p> <p>#Avg Type: Power (RMS) Avg/Hold: 100/100 Trig: Free Run</p> <p>Center Frequency: 2.44000000 GHz Span: 4.00000000 MHz Start Freq: 2.438000000 GHz Stop Freq: 2.442000000 GHz AUTO TUNE CF Step: 400.000 kHz Auto Man Freq Offset: 0 Hz X Axis Scale: Log Lin Signal Track (Span Zoom)</p> <p>1 Spectrum Scale/Div 10 dB Log</p> <p>Ref Lvl Offset 9.80 dB Ref Level 29.80 dBm</p> <p>Mkr1 2.440 135 00 GHz -4.85 dBm</p> <p>Center 2.440000 GHz #Res BW 10 kHz #Video BW 30 kHz Span 4.000 MHz Sweep 40.0 ms (30000 pts)</p> <p>Aug 19, 2019 2:42:25 PM</p>

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Appendix F: Band edge Test Result

Item	Band edge measurements																																																															
Mode	BLE																																																															
Rate	1Mbps																																																															
Channel	2402																																																															
Result	-46.22dBm@2399.96MHz																																																															
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input: RF</div><div>Coupling: DC</div><div>Align: Auto</div></div><div><div>Input Z: 50 Ω</div><div>Corrections: Off</div><div>Freq Ref: Int (S)</div></div><div><div>#Atten: 30 dB</div></div><div><div>PNO: Fast</div><div>Gate: Off</div><div>IF Gain: Low</div><div>Sig Track: Off</div></div><div><div>#Avg Type: Power (RMS)</div><div>Trig: Free Run</div></div><div><div>1 2 3 4 5 6</div><div>M W W W W W</div><div>P P P P P P</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>Ref Lvl Offset 9.71 dB</div><div>Ref Level 20.00 dBm</div><div>Mkr5 2.399 960 GHz</div><div>-46.22 dBm</div><div>Start 2.30000 GHz</div><div>#Res BW 100 kHz</div><div>#Video BW 300 kHz</div><div>Stop 2.40500 GHz</div><div>Sweep 10.1 ms (1001 pts)</div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.401 955 GHz</td><td>3.692 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.400 000 GHz</td><td>-46.22 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.390 000 GHz</td><td>-52.24 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.310 000 GHz</td><td>-51.33 dBm</td><td></td><td></td><td></td></tr><tr><td>5</td><td>N</td><td>1</td><td>f</td><td>2.399 960 GHz</td><td>-46.22 dBm</td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table><div><div>Aug 19, 2019</div><div>2:36:59 PM</div></div></div></div><div><div>Center Frequency</div><div>2.352500000 GHz</div><div>Span</div><div>105.000000 MHz</div><div>Swept Span</div><div>Zero Span</div><div>Full Span</div><div>Start Freq</div><div>2.300000000 GHz</div><div>Stop Freq</div><div>2.405000000 GHz</div><div>AUTO TUNE</div><div>CF Step</div><div>10.500000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div><div>X Axis Scale</div><div>Log</div><div>Lin</div><div>Signal Track</div><div>(Span Zoom)</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.401 955 GHz	3.692 dBm				2	N	1	f	2.400 000 GHz	-46.22 dBm				3	N	1	f	2.390 000 GHz	-52.24 dBm				4	N	1	f	2.310 000 GHz	-51.33 dBm				5	N	1	f	2.399 960 GHz	-46.22 dBm				6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	f	2.401 955 GHz	3.692 dBm																																																											
2	N	1	f	2.400 000 GHz	-46.22 dBm																																																											
3	N	1	f	2.390 000 GHz	-52.24 dBm																																																											
4	N	1	f	2.310 000 GHz	-51.33 dBm																																																											
5	N	1	f	2.399 960 GHz	-46.22 dBm																																																											
6																																																																
Channel	2480																																																															
Result	-48.62dBm@2527.68MHz																																																															
Graph:	<div><div><div><div><div>Spectrum Analyzer 1</div><div>Swept SA</div></div><div><div>KEYSIGHT</div><div>Input: RF</div><div>Coupling: DC</div><div>Align: Auto</div></div><div><div>Input Z: 50 Ω</div><div>Corrections: Off</div><div>Freq Ref: Int (S)</div></div><div><div>#Atten: 30 dB</div></div><div><div>PNO: Fast</div><div>Gate: Off</div><div>IF Gain: Low</div><div>Sig Track: Off</div></div><div><div>#Avg Type: Power (RMS)</div><div>Trig: Free Run</div></div><div><div>1 2 3 4 5 6</div><div>M W W W W W</div><div>P P P P P P</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>Ref Lvl Offset 9.80 dB</div><div>Ref Level 20.00 dBm</div><div>Mkr4 2.527 68 GHz</div><div>-48.62 dBm</div><div>Start 2.47000 GHz</div><div>#Res BW 100 kHz</div><div>#Video BW 300 kHz</div><div>Stop 2.55000 GHz</div><div>Sweep 7.67 ms (1001 pts)</div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.480 00 GHz</td><td>2.907 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>-48.87 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 00 GHz</td><td>-51.17 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.527 68 GHz</td><td>-48.62 dBm</td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table><div><div>Aug 19, 2019</div><div>2:46:29 PM</div></div></div></div><div><div>Center Frequency</div><div>2.510000000 GHz</div><div>Span</div><div>80.000000 MHz</div><div>Swept Span</div><div>Zero Span</div><div>Full Span</div><div>Start Freq</div><div>2.470000000 GHz</div><div>Stop Freq</div><div>2.550000000 GHz</div><div>AUTO TUNE</div><div>CF Step</div><div>8.000000 MHz</div><div>Auto</div><div>Man</div><div>Freq Offset</div><div>0 Hz</div><div>X Axis Scale</div><div>Log</div><div>Lin</div><div>Signal Track</div><div>(Span Zoom)</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.480 00 GHz	2.907 dBm				2	N	1	f	2.483 50 GHz	-48.87 dBm				3	N	1	f	2.500 00 GHz	-51.17 dBm				4	N	1	f	2.527 68 GHz	-48.62 dBm				5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	f	2.480 00 GHz	2.907 dBm																																																											
2	N	1	f	2.483 50 GHz	-48.87 dBm																																																											
3	N	1	f	2.500 00 GHz	-51.17 dBm																																																											
4	N	1	f	2.527 68 GHz	-48.62 dBm																																																											
5																																																																
6																																																																

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Appendix G: Emissions in Restricted Bands Test Result

Item	Emissions in Restricted Bands																																																															
Mode	BLE																																																															
Rate	1Mbps																																																															
Channel	2402																																																															
Result	M2:-40.75dBm; M3:-40.54dBm																																																															
Graph:	<div><div><div><div>Spectrum Analyzer 1 Swept SA</div><div><div>KEYSIGHT</div><div>Input: RF Coupling: DC Align: Auto</div><div>Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)</div><div>#Atten: 30 dB</div><div>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off</div><div>#Avg Type: Power (RMS) Trig: Free Run</div><div>1 2 3 4 5 6 M W W W W W P P P P P P</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>Ref Lvl Offset 11.71 dB Ref Level 20.00 dBm</div><div>Mkr3 2.310 000 GHz -40.53 dBm</div><div>Start 2.30000 GHz #Res BW 1.0 MHz</div><div>#Video BW 3.0 MHz</div><div>Stop 2.40500 GHz Sweep 1.00 ms (1001 pts)</div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.401 745 GHz</td><td>6.089 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.390 000 GHz</td><td>-40.75 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.310 000 GHz</td><td>-40.53 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table><div><div>Aug 19, 2019 2:37:46 PM</div></div></div></div><div><div>Center Frequency 2.352500000 GHz</div><div>Span 105.000000 MHz</div><div>Swept Span Zero Span</div><div>Full Span</div><div>Start Freq 2.300000000 GHz</div><div>Stop Freq 2.405000000 GHz</div><div>AUTO TUNE</div><div>CF Step 10.500000 MHz</div><div>Auto Man</div><div>Freq Offset 0 Hz</div><div>X Axis Scale Log Lin</div><div>Signal Track (Scan Zoom)</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.401 745 GHz	6.089 dBm				2	N	1	f	2.390 000 GHz	-40.75 dBm				3	N	1	f	2.310 000 GHz	-40.53 dBm				4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	f	2.401 745 GHz	6.089 dBm																																																											
2	N	1	f	2.390 000 GHz	-40.75 dBm																																																											
3	N	1	f	2.310 000 GHz	-40.53 dBm																																																											
4																																																																
5																																																																
6																																																																
Channel	2480																																																															
Result	M2:-37.55dBm; M3:-40.84dBm																																																															
Graph:	<div><div><div><div>Spectrum Analyzer 1 Swept SA</div><div><div>KEYSIGHT</div><div>Input: RF Coupling: DC Align: Auto</div><div>Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)</div><div>#Atten: 30 dB</div><div>PNO: Fast Gate: Off IF Gain: Low Sig Track: Off</div><div>#Avg Type: Power (RMS) Trig: Free Run</div><div>1 2 3 4 5 6 M W W W W W P P P P P P</div></div></div><div><div>1 Spectrum</div><div>Scale/Div 10 dB</div><div>Log</div><div>Ref Lvl Offset 11.80 dB Ref Level 20.00 dBm</div><div>Mkr3 2.500 00 GHz -40.84 dBm</div><div>Start 2.47000 GHz #Res BW 1.0 MHz</div><div>#Video BW 3.0 MHz</div><div>Stop 2.55000 GHz Sweep 1.00 ms (1001 pts)</div><div>5 Marker Table</div><table><thead><tr><th></th><th>Mode</th><th>Trace</th><th>Scale</th><th>X</th><th>Y</th><th>Function</th><th>Function Width</th><th>Function Value</th></tr></thead><tbody><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.479 76 GHz</td><td>5.776 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 50 GHz</td><td>-37.55 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 00 GHz</td><td>-40.84 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table><div><div>Aug 19, 2019 2:47:16 PM</div></div></div></div><div><div>Center Frequency 2.510000000 GHz</div><div>Span 80.000000 MHz</div><div>Swept Span Zero Span</div><div>Full Span</div><div>Start Freq 2.470000000 GHz</div><div>Stop Freq 2.550000000 GHz</div><div>AUTO TUNE</div><div>CF Step 8.000000 MHz</div><div>Auto Man</div><div>Freq Offset 0 Hz</div><div>X Axis Scale Log Lin</div><div>Signal Track (Scan Zoom)</div></div></div>		Mode	Trace	Scale	X	Y	Function	Function Width	Function Value	1	N	1	f	2.479 76 GHz	5.776 dBm				2	N	1	f	2.483 50 GHz	-37.55 dBm				3	N	1	f	2.500 00 GHz	-40.84 dBm				4									5									6								
	Mode	Trace	Scale	X	Y	Function	Function Width	Function Value																																																								
1	N	1	f	2.479 76 GHz	5.776 dBm																																																											
2	N	1	f	2.483 50 GHz	-37.55 dBm																																																											
3	N	1	f	2.500 00 GHz	-40.84 dBm																																																											
4																																																																
5																																																																
6																																																																

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Appendix H: Spurious RF conducted emissions Test Result

Item	Spurious RF conducted emissions
Mode	BLE
Rate	1Mbps
Channel	2402
Result	Reference 3.088dBm
Graph:	
Channel	2402
Result	30~1000MHz@-61.276dBm
Graph:	

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Channel	2402
Result	1000~26500MHz@-48.337dBm
Graph:	
Channel	2440
Result	Reference2.934dBm
Graph:	

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Channel	2440
Result	30~1000MHz@-61.342dBm
Graph:	 <p>Spectrum Analyzer 1 Swept SA</p> <p>KEYSIGHT Input: RF Coupling: DG Align: Auto</p> <p>Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)</p> <p>#Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off</p> <p>#Avg Type: Power (RMS) Avg/Hold: 10/10 Trig: Free Run</p> <p>Center Frequency: 515.000000 MHz</p> <p>Span: 970.000000 MHz Swept Span Zero Span Full Span</p> <p>Start Freq: 30.000000 MHz Stop Freq: 1.000000000 GHz AUTO TUNE</p> <p>CF Step: 97.000000 MHz Auto Man</p> <p>Freq Offset: 0 Hz X Axis Scale: Log Lin</p> <p>Signal Track (Span Zoom)</p> <p>1 Spectrum Scale/Div 10 dB Log Ref Lvl Offset 9.80 dB Ref Level 19.80 dBm Mkr1 990.98 MHz -61.34 dBm Start 0.0300 GHz #Res BW 100 kHz #Video BW 300 kHz Stop 1.0000 GHz Sweep ~94.2 ms (30001 pts)</p> <p>Aug 19, 2019 2:42:44 PM</p>
Channel	2440
Result	1000~26500MHz@-47.994dBm
Graph:	 <p>Spectrum Analyzer 1 Swept SA</p> <p>KEYSIGHT Input: RF Coupling: DG Align: Auto</p> <p>Input Z: 50 Ω Corrections: Off Freq Ref: Int (S)</p> <p>#Atten: 20 dB PNO: Fast Gate: Off IF Gain: Low Sig Track: Off</p> <p>#Avg Type: Power (RMS) Avg/Hold: 10/10 Trig: Free Run</p> <p>Center Frequency: 13.750000000 GHz</p> <p>Span: 25.50000000 GHz Swept Span Zero Span Full Span</p> <p>Start Freq: 1.000000000 GHz Stop Freq: 26.500000000 GHz AUTO TUNE</p> <p>CF Step: 2.550000000 GHz Auto Man</p> <p>Freq Offset: 0 Hz X Axis Scale: Log Lin</p> <p>Signal Track (Span Zoom)</p> <p>1 Spectrum Scale/Div 10 dB Log Ref Lvl Offset 9.80 dB Ref Level 19.80 dBm Mkr1 2.312 40 GHz -47.99 dBm Start 1.00 GHz #Res BW 100 kHz #Video BW 300 kHz Stop 26.50 GHz Sweep ~2.44 s (30001 pts)</p> <p>Aug 19, 2019 2:43:25 PM</p>

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

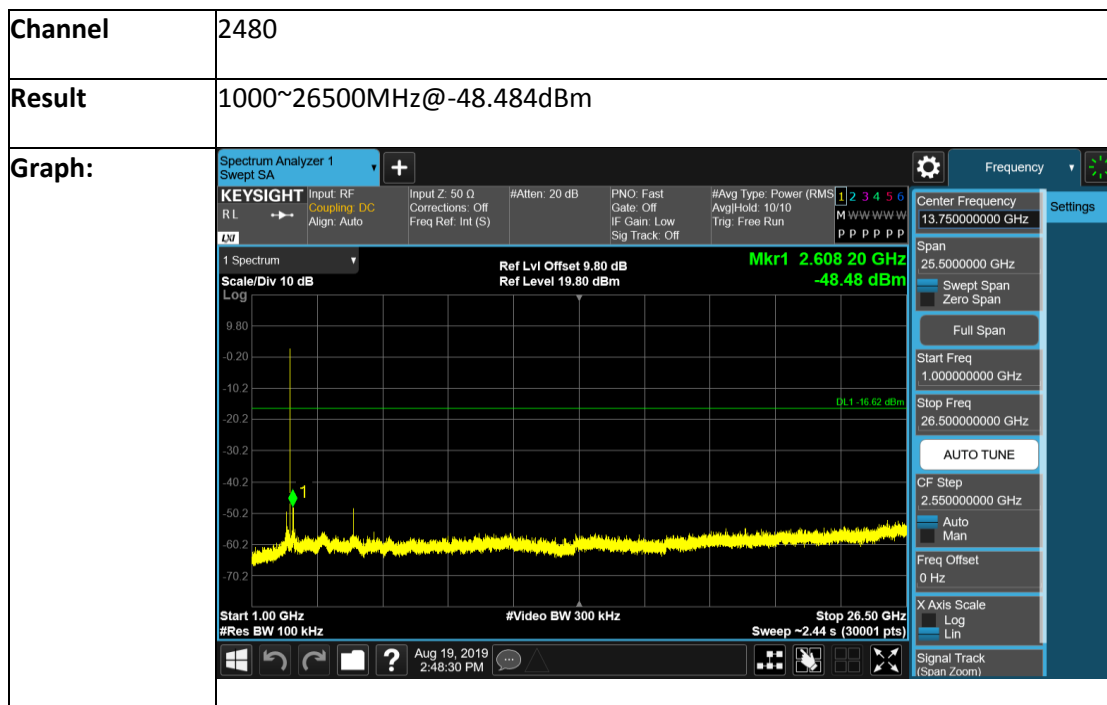
1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749

Channel	2480
Result	Reference3.378dBm
Graph:	
Channel	2480
Result	30~1000MHz@-59.662dBm
Graph:	

Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749



Test Report No.: EFGX19090040-IE-01-E01

Eurofins Electrical Testing Service (Shenzhen) Co., Ltd.

1st Floor, Building 2, Chungu, Meisheng Huigu Science and Technology Park, No. 83 Dabao Road, Bao'an District, Shenzhen.
P.R.China. Telephone: +86-755-82911867, Fax : +86-755-82910749