

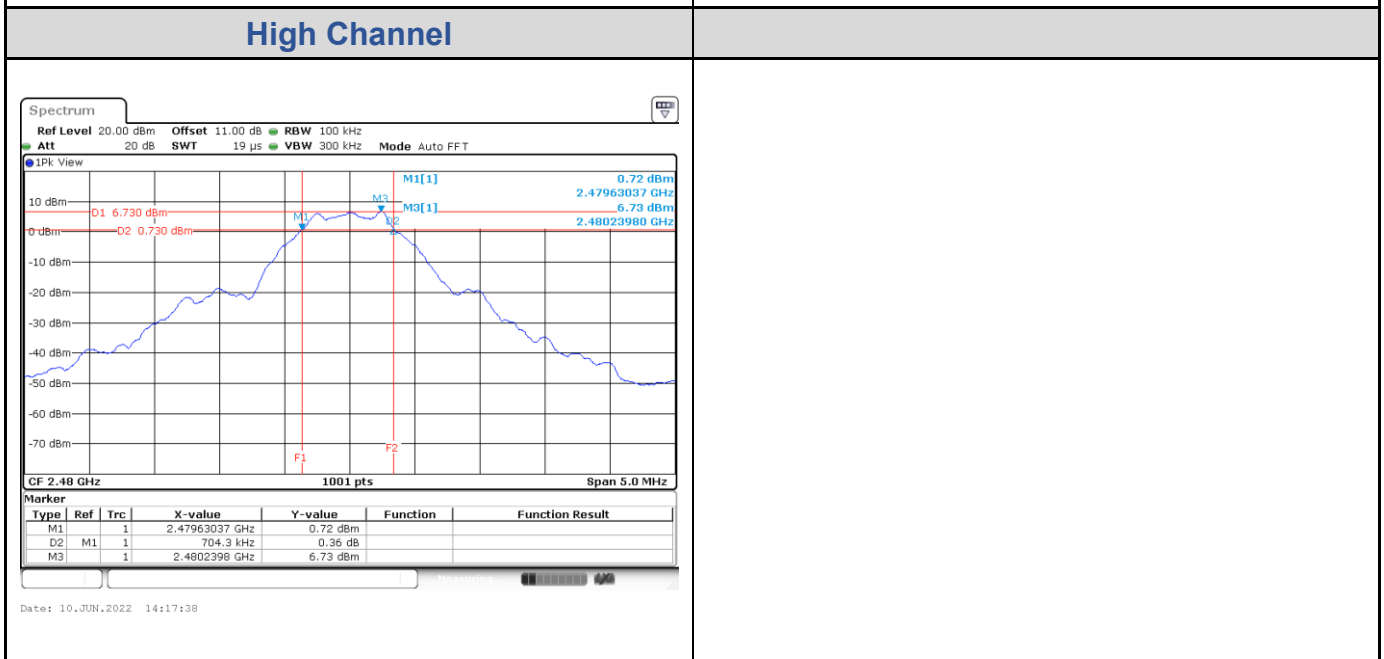
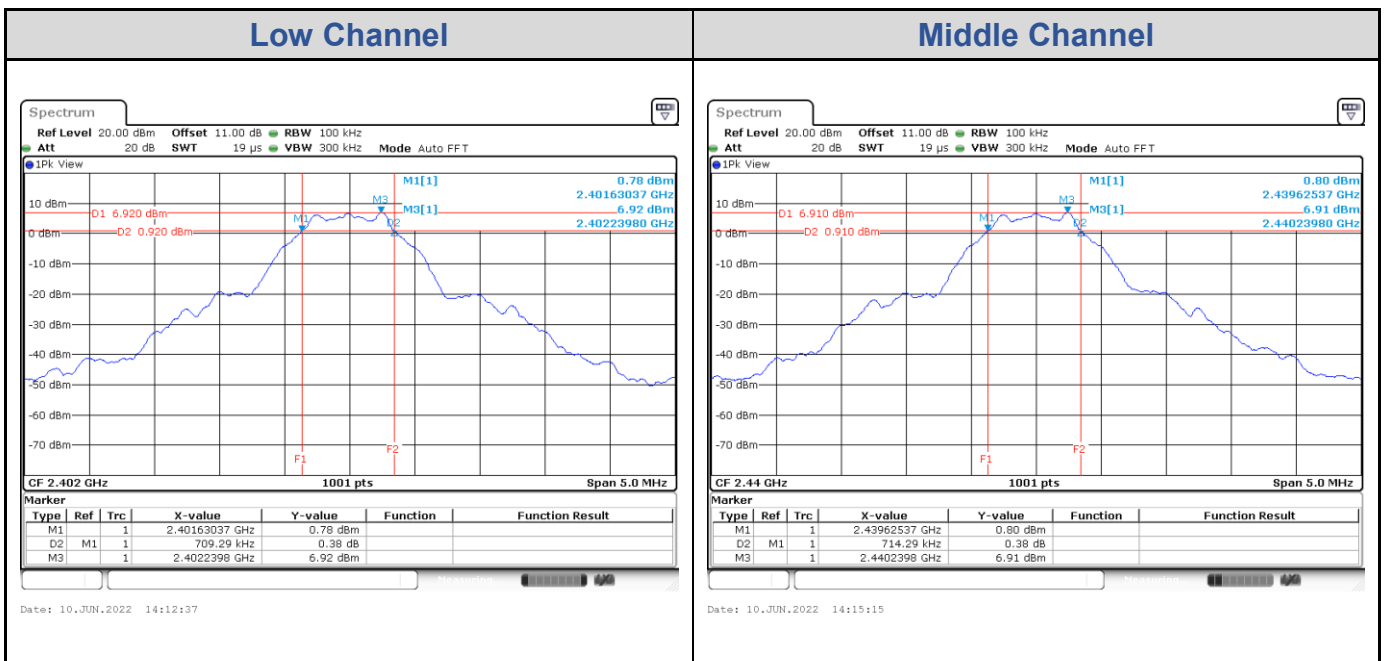
Appendix A:

Test Results of Conducted Test by PCB (ECC Mode)

Test Result of 6 dB Bandwidth

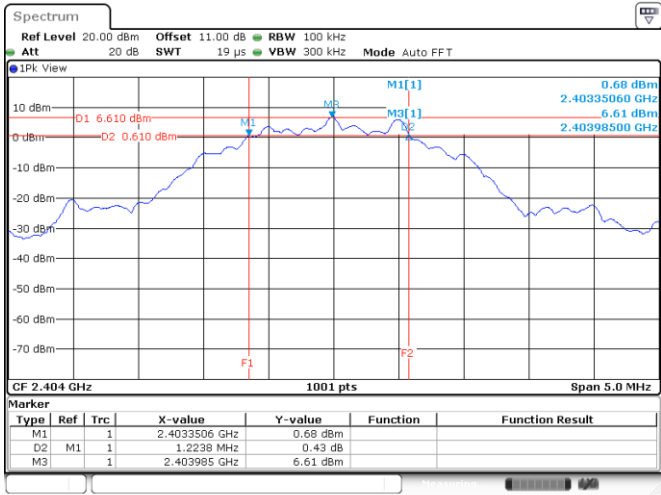
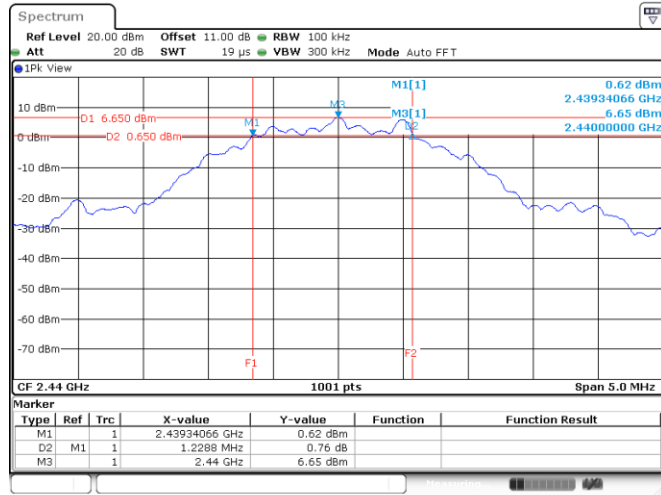
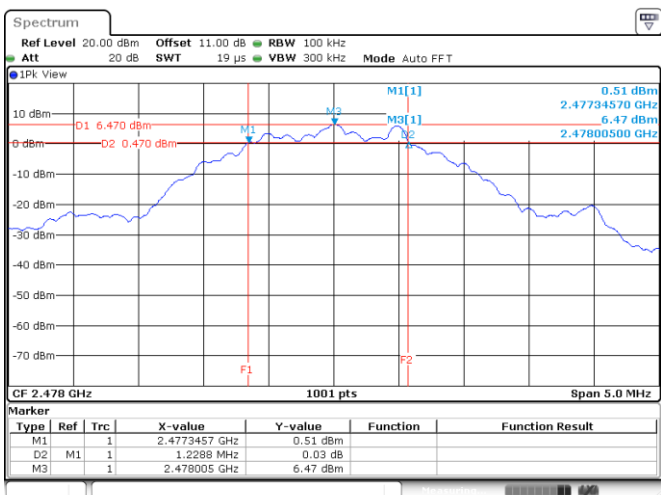
BLE_1M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	709.29	> 500	Pass
Middle Channel	2440	714.29	> 500	Pass
High Channel	2480	704.30	> 500	Pass



BLE_2M

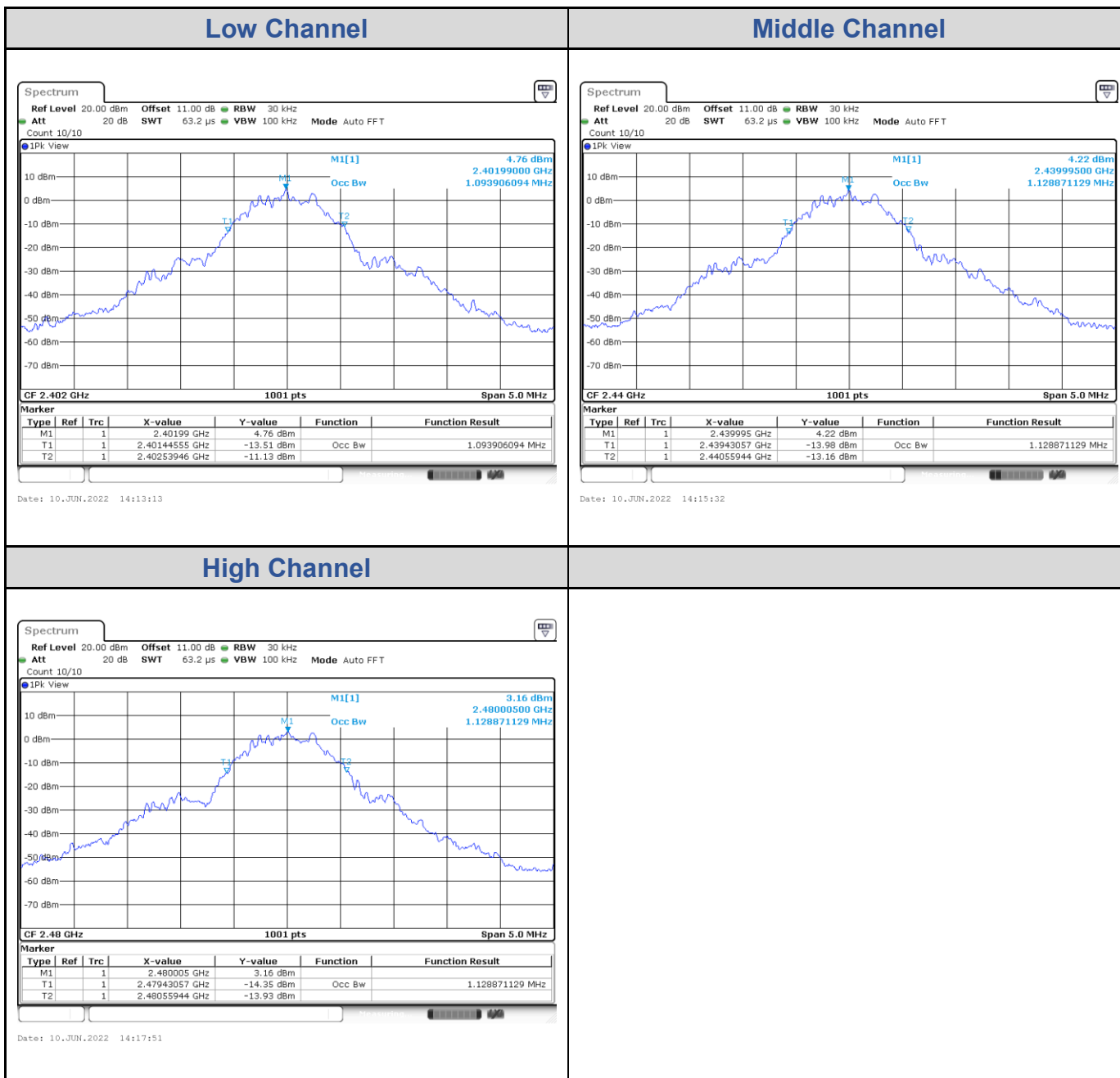
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (kHz)	Result
Low Channel	2404	1.22	> 500	Pass
Middle Channel	2440	1.23	> 500	Pass
High Channel	2478	1.23	> 500	Pass

Low Channel	Middle Channel																																																								
 <p>Low Channel</p> <p>Spectrum Ref Level 20.00 dBm Offset 11.00 dB RBW 100 kHz Att 20 dB SWT 19 µs VBW 300 kHz Mode Auto FFT</p> <p>IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 2.404 GHz 1001 pts Span 5.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.4033506 GHz</td> <td>0.68 dBm</td> <td></td> <td></td> </tr> <tr> <td>D2</td> <td>M1</td> <td>1</td> <td>1.2238 MHz</td> <td>0.43 dB</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.4039850 GHz</td> <td>6.61 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10.JUN.2022 14:51:44</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.4033506 GHz	0.68 dBm			D2	M1	1	1.2238 MHz	0.43 dB			M3	1		2.4039850 GHz	6.61 dBm			 <p>Middle Channel</p> <p>Spectrum Ref Level 20.00 dBm Offset 11.00 dB RBW 100 kHz Att 20 dB SWT 19 µs VBW 300 kHz Mode Auto FFT</p> <p>IPk View 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -60 dBm -70 dBm</p> <p>CF 2.44 GHz 1001 pts Span 5.0 MHz</p> <table border="1"> <thead> <tr> <th>Type</th> <th>Ref</th> <th>Trc</th> <th>X-value</th> <th>Y-value</th> <th>Function</th> <th>Function Result</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>1</td> <td></td> <td>2.43934066 GHz</td> <td>0.62 dBm</td> <td></td> <td></td> </tr> <tr> <td>D2</td> <td>M1</td> <td>1</td> <td>1.2288 MHz</td> <td>0.76 dB</td> <td></td> <td></td> </tr> <tr> <td>M3</td> <td>1</td> <td></td> <td>2.44 GHz</td> <td>6.65 dBm</td> <td></td> <td></td> </tr> </tbody> </table> <p>Date: 10.JUN.2022 14:49:15</p>	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1	1		2.43934066 GHz	0.62 dBm			D2	M1	1	1.2288 MHz	0.76 dB			M3	1		2.44 GHz	6.65 dBm		
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Test Result of 99% Occupied Bandwidth

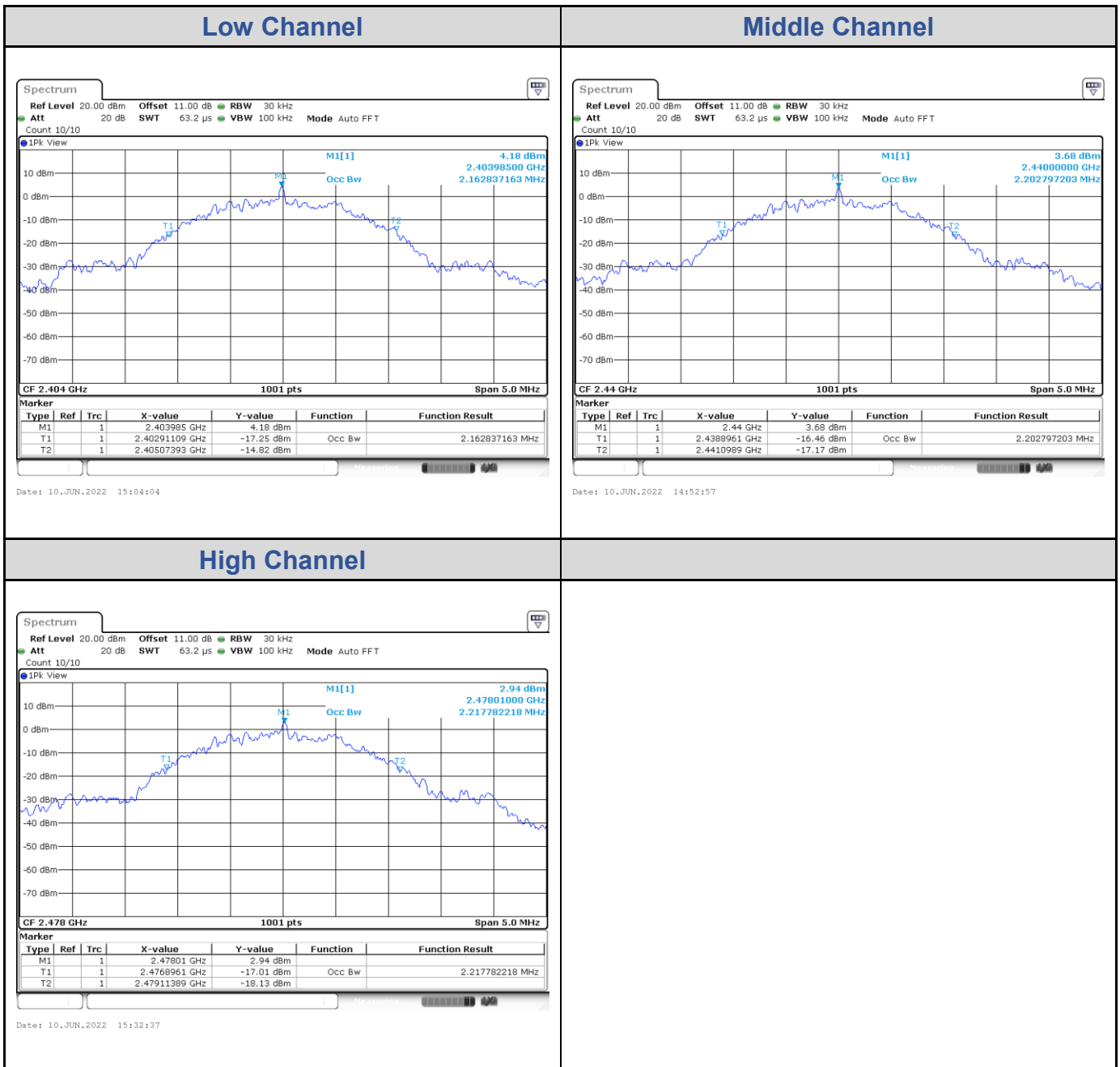
BLE_1M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.09
Middle Channel	2440	1.13
High Channel	2480	1.13



BLE_2M

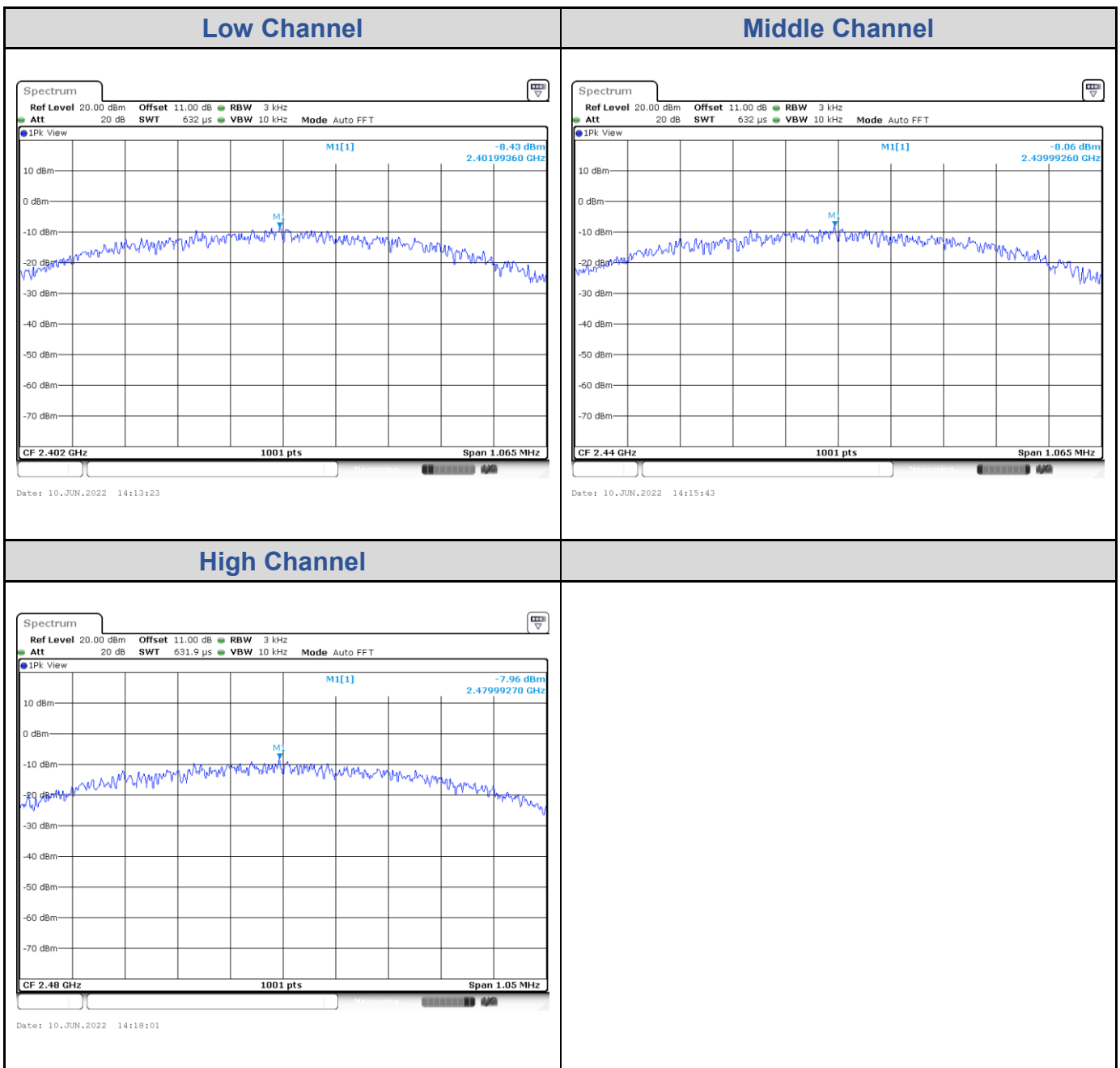
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2404	2.16
Middle Channel	2440	2.20
High Channel	2478	2.22



Test Result of Power Spectral Density

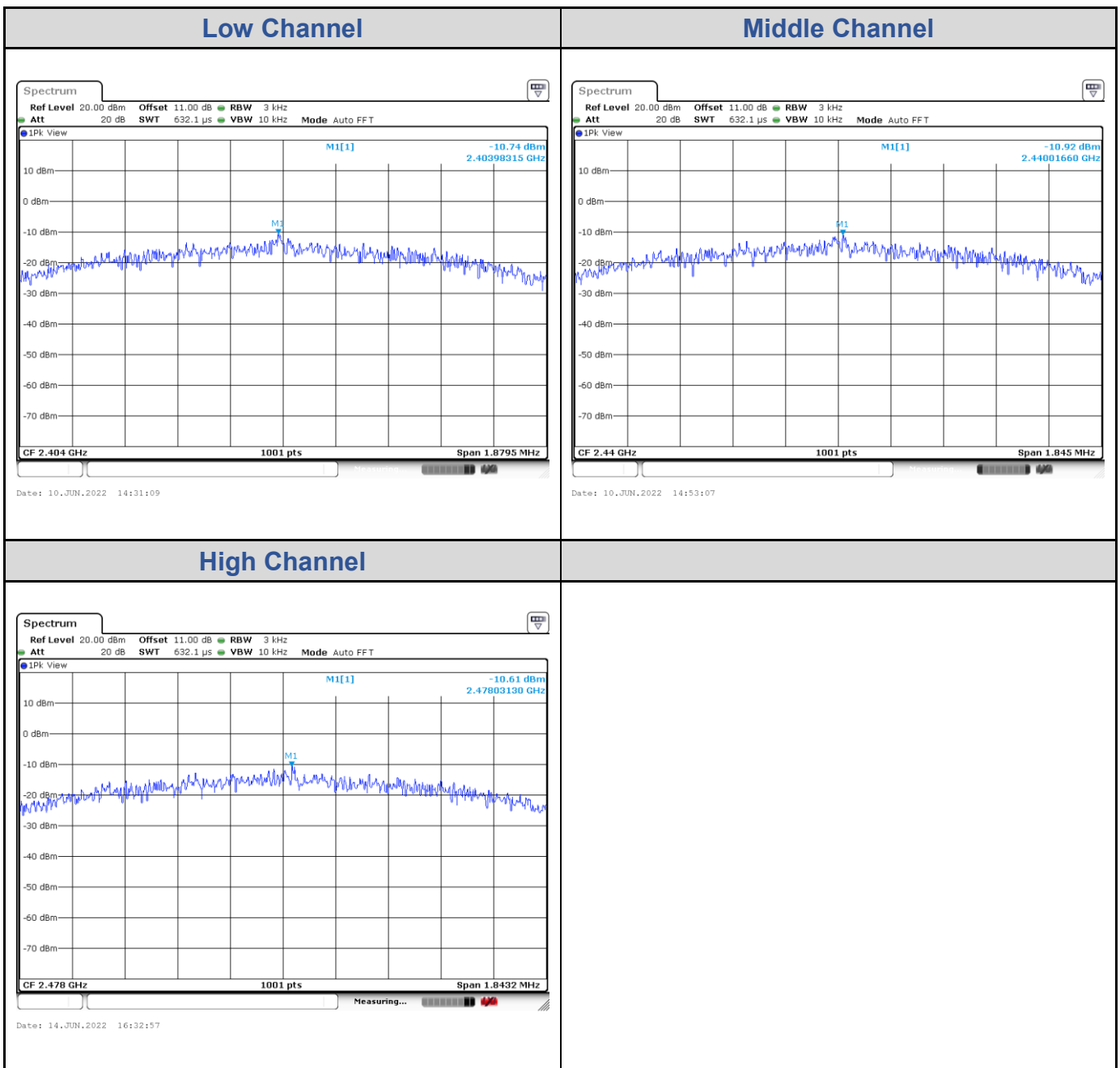
BLE_1M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2402	-8.43	8	Pass
Middle Channel	2440	-8.06	8	Pass
High Channel	2480	-7.96	8	Pass



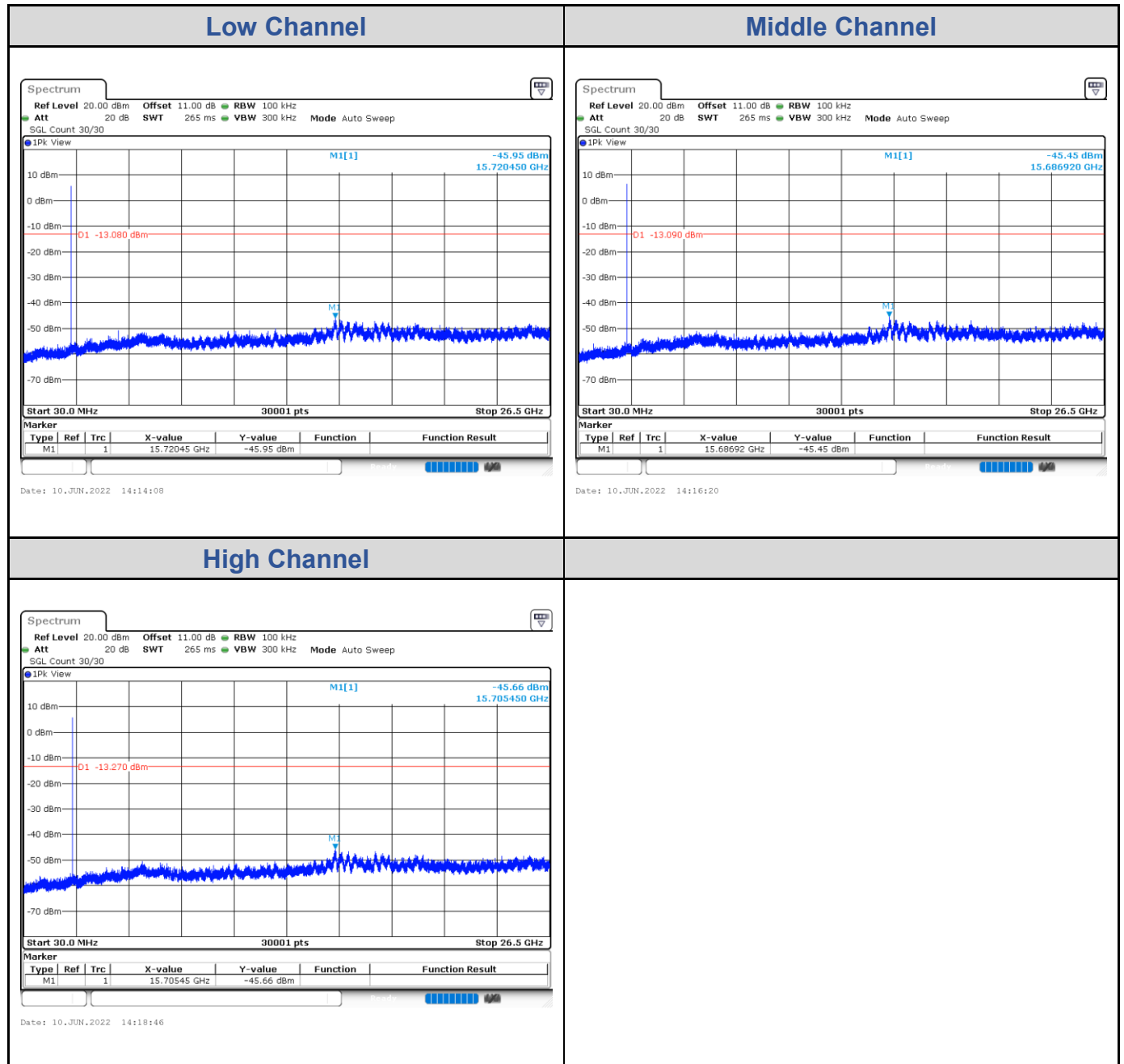
BLE_2M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2404	-10.74	8	Pass
Middle Channel	2440	-10.92	8	Pass
High Channel	2478	-10.61	8	Pass

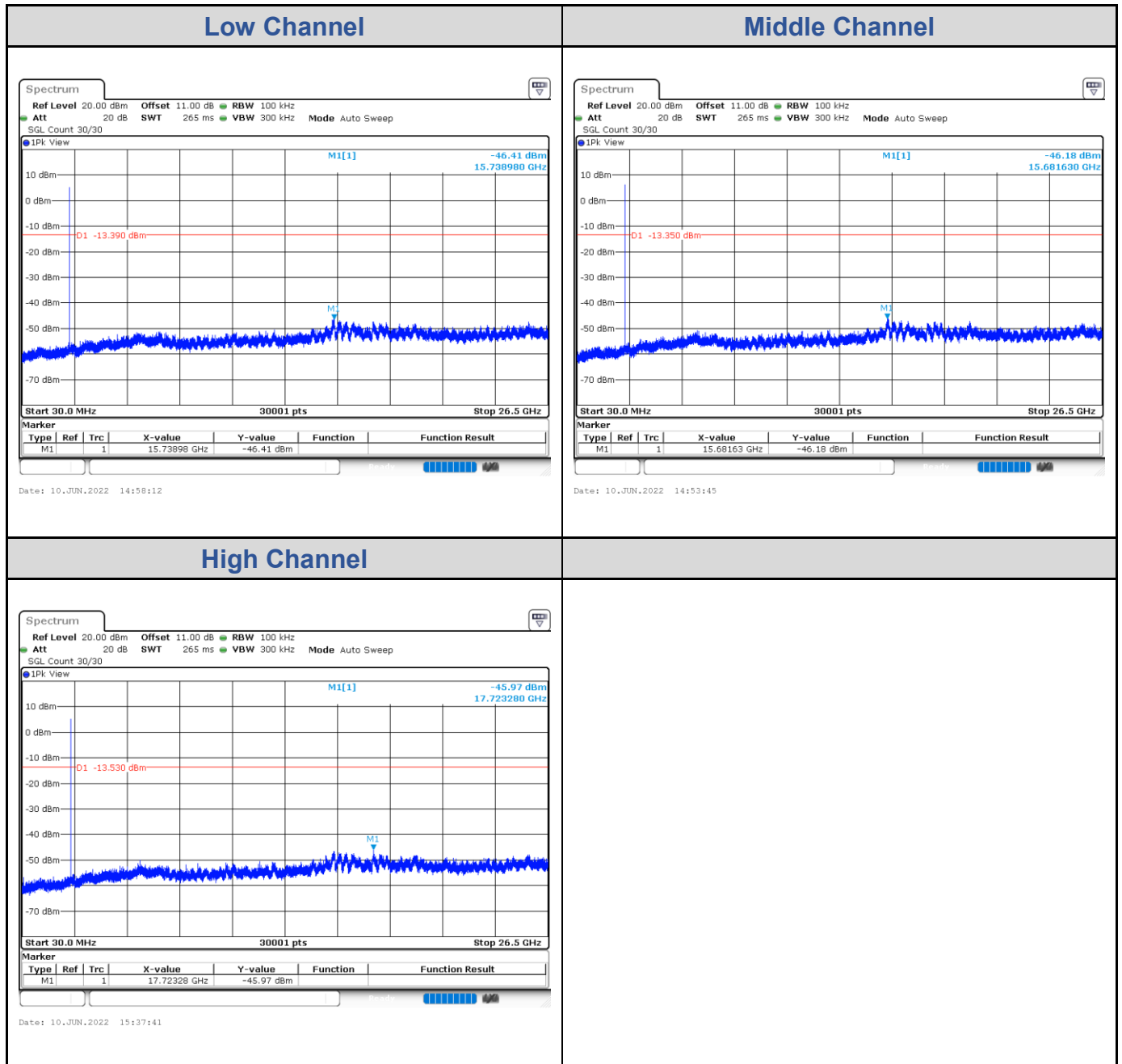


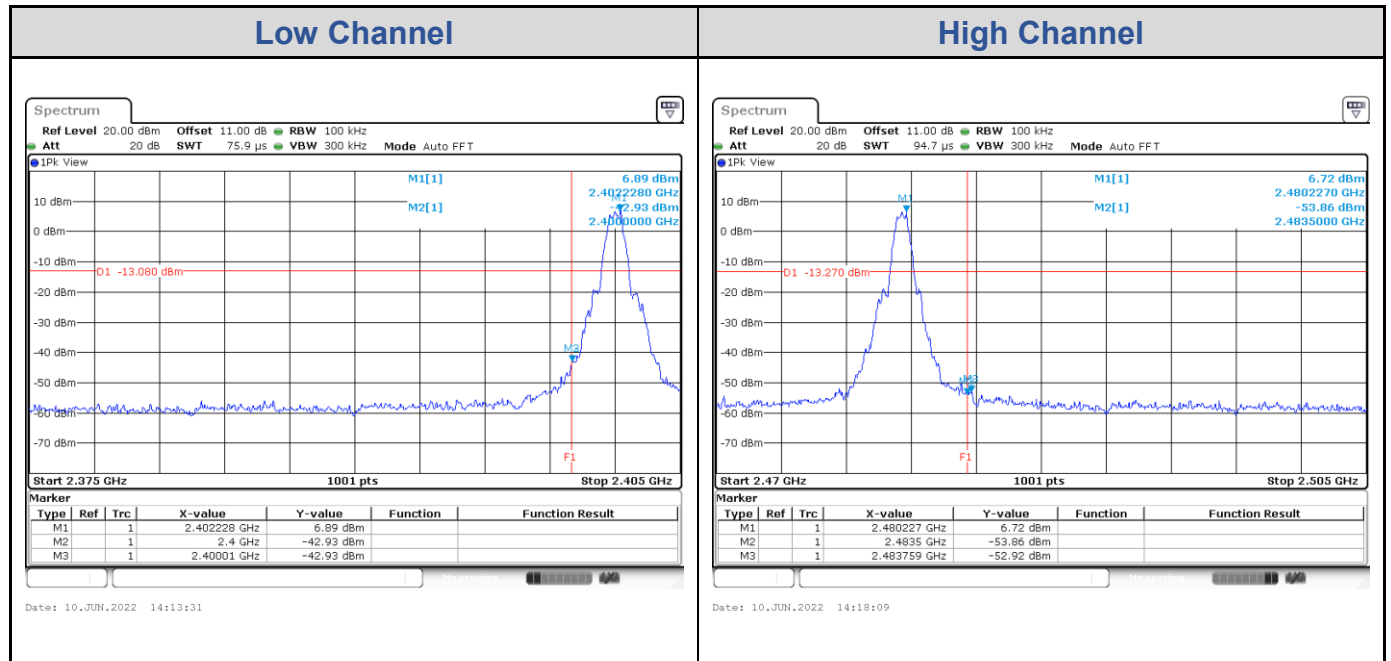
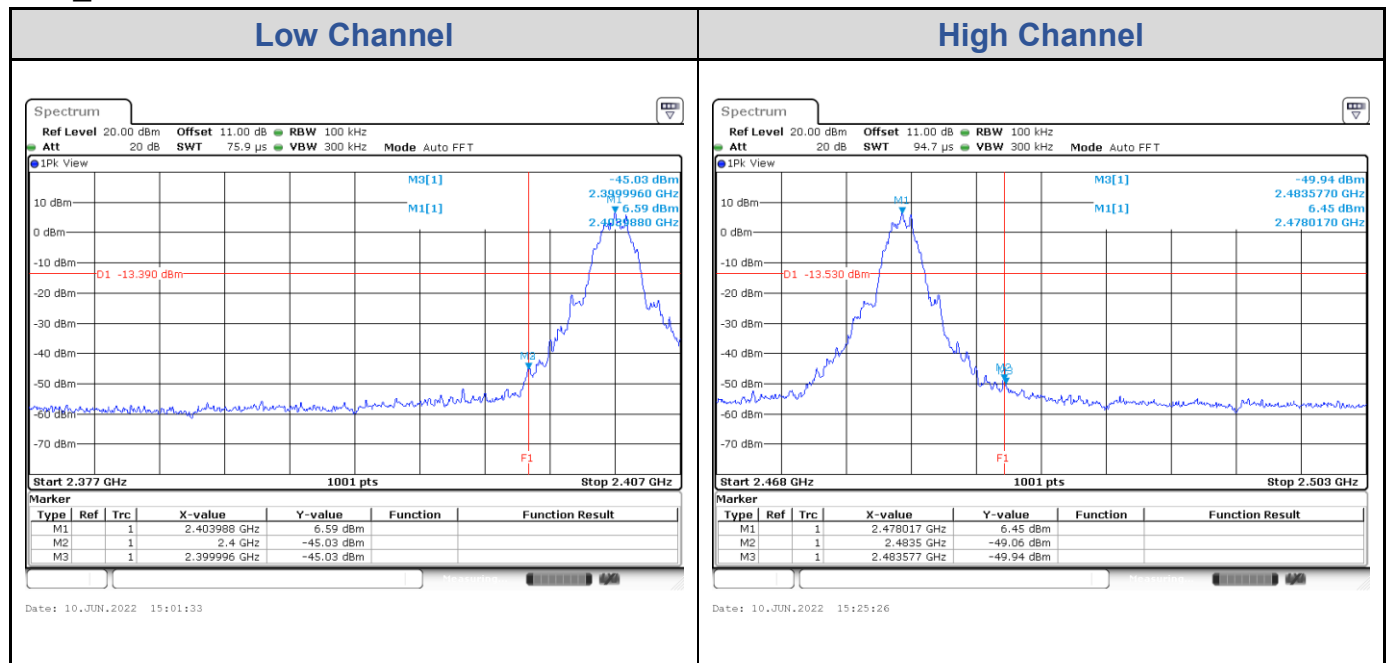
Test Result of Conducted Spurious Emissions, Tx Mode

BLE_1M



BLE_2M



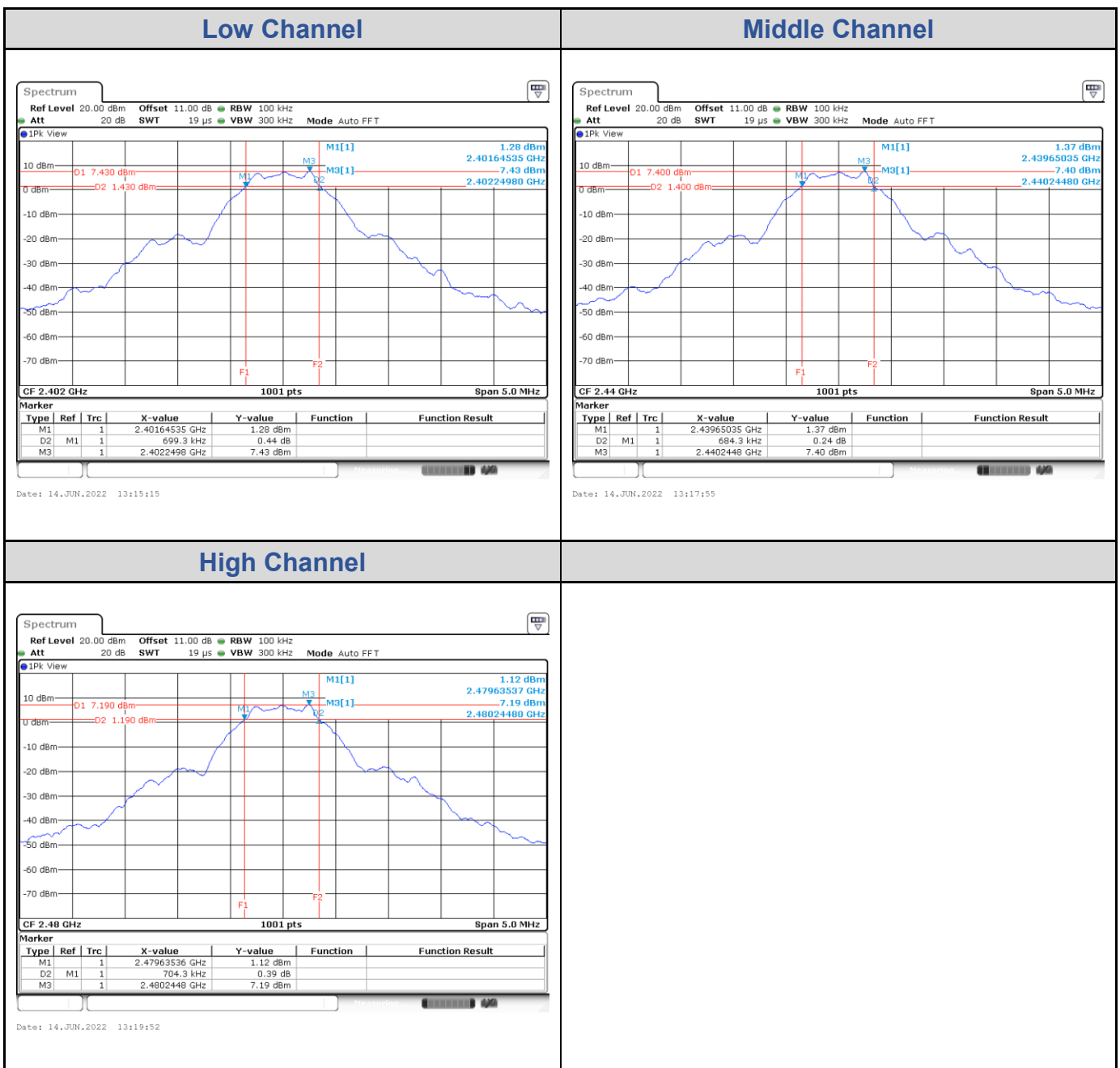
Test Result of Conducted Band Edge, Tx Mode
BLE_1M

BLE_2M


Test Results of Conducted Test by PCB (Non-ECC Mode)

Test Result of 6 dB Bandwidth

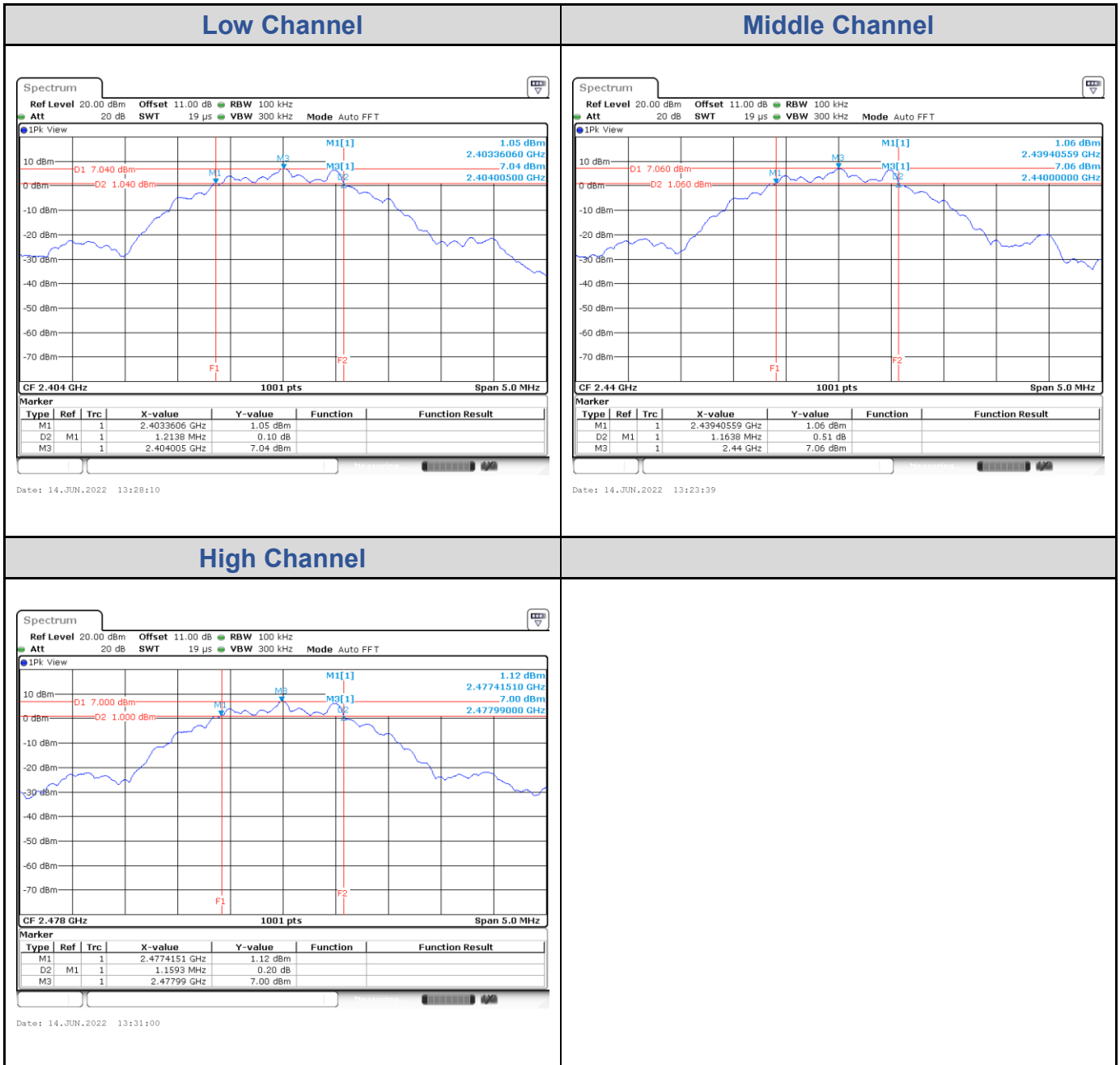
BLE_1M

Channel	Channel Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)	Result
Low Channel	2402	699.30	> 500	Pass
Middle Channel	2440	684.30	> 500	Pass
High Channel	2480	704.30	> 500	Pass



BLE_2M

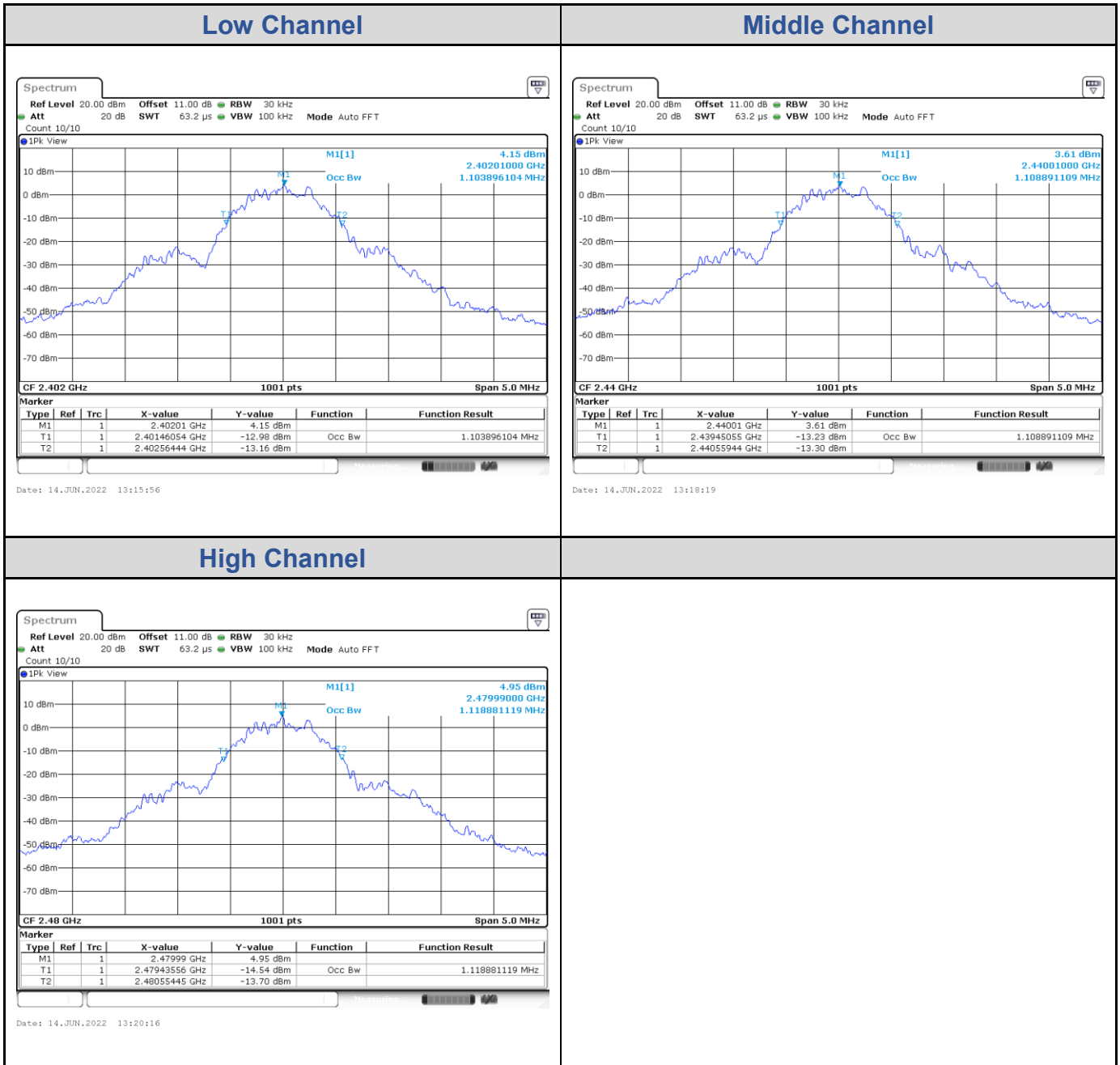
Channel	Channel Frequency (MHz)	6 dB Bandwidth (MHz)	Limit (kHz)	Result
Low Channel	2404	1.21	> 500	Pass
Middle Channel	2440	1.16	> 500	Pass
High Channel	2478	1.16	> 500	Pass



Test Result of 99% Occupied Bandwidth

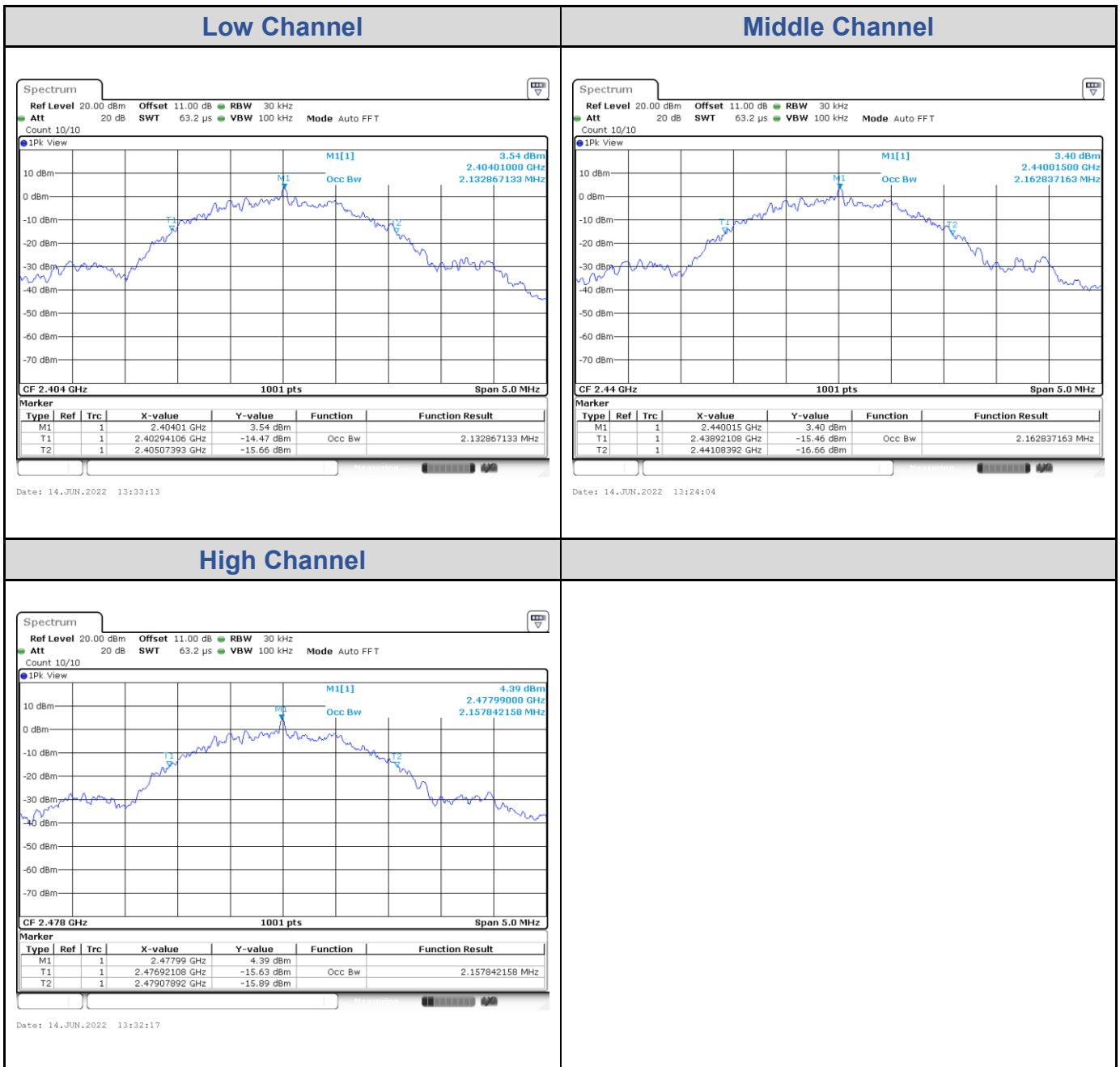
BLE_1M

Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.10
Middle Channel	2440	1.11
High Channel	2480	1.12



BLE_2M

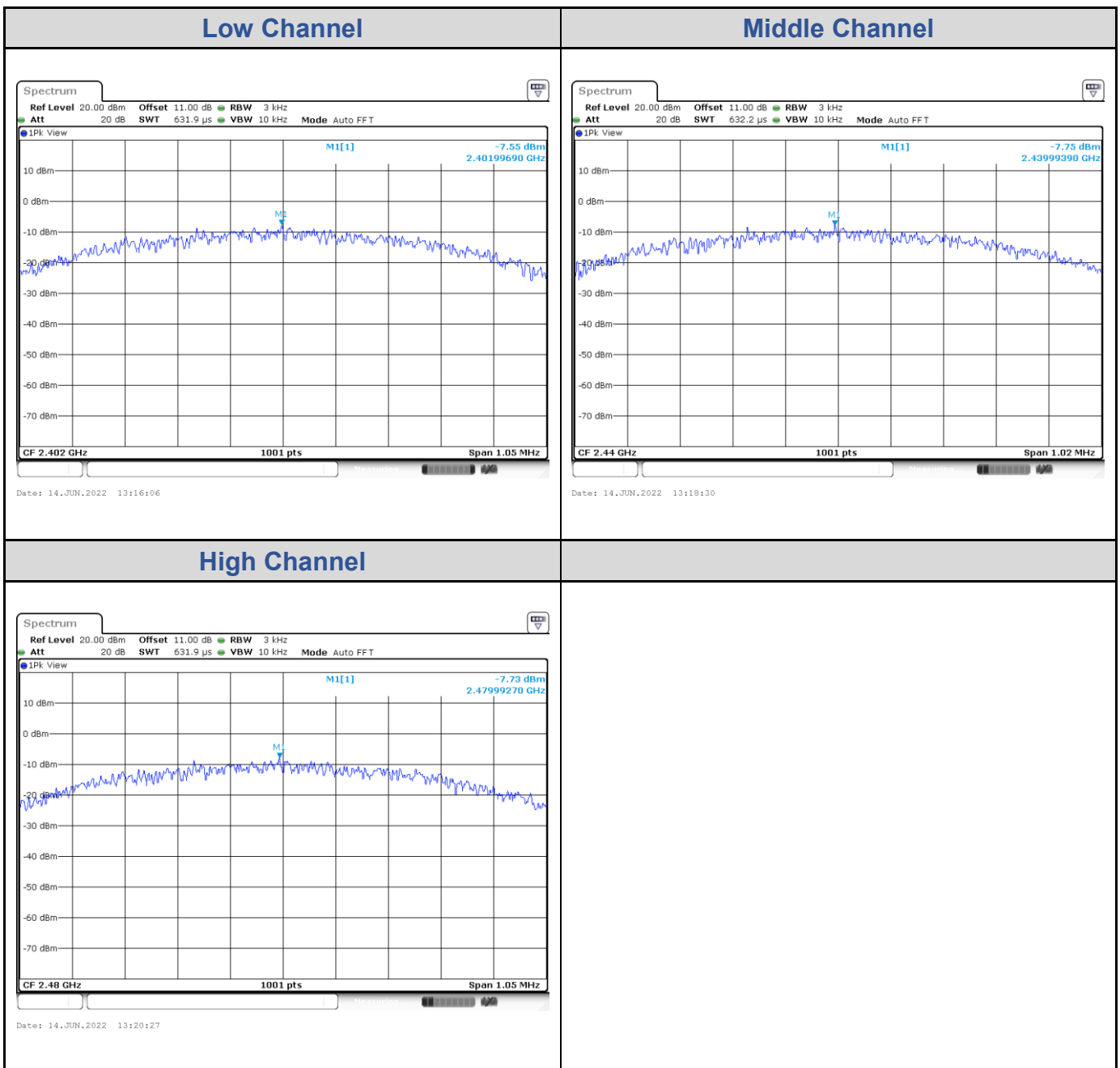
Channel	Channel Frequency (MHz)	99% Bandwidth (MHz)
Low Channel	2404	2.13
Middle Channel	2440	2.16
High Channel	2478	2.16



Test Result of Power Spectral Density

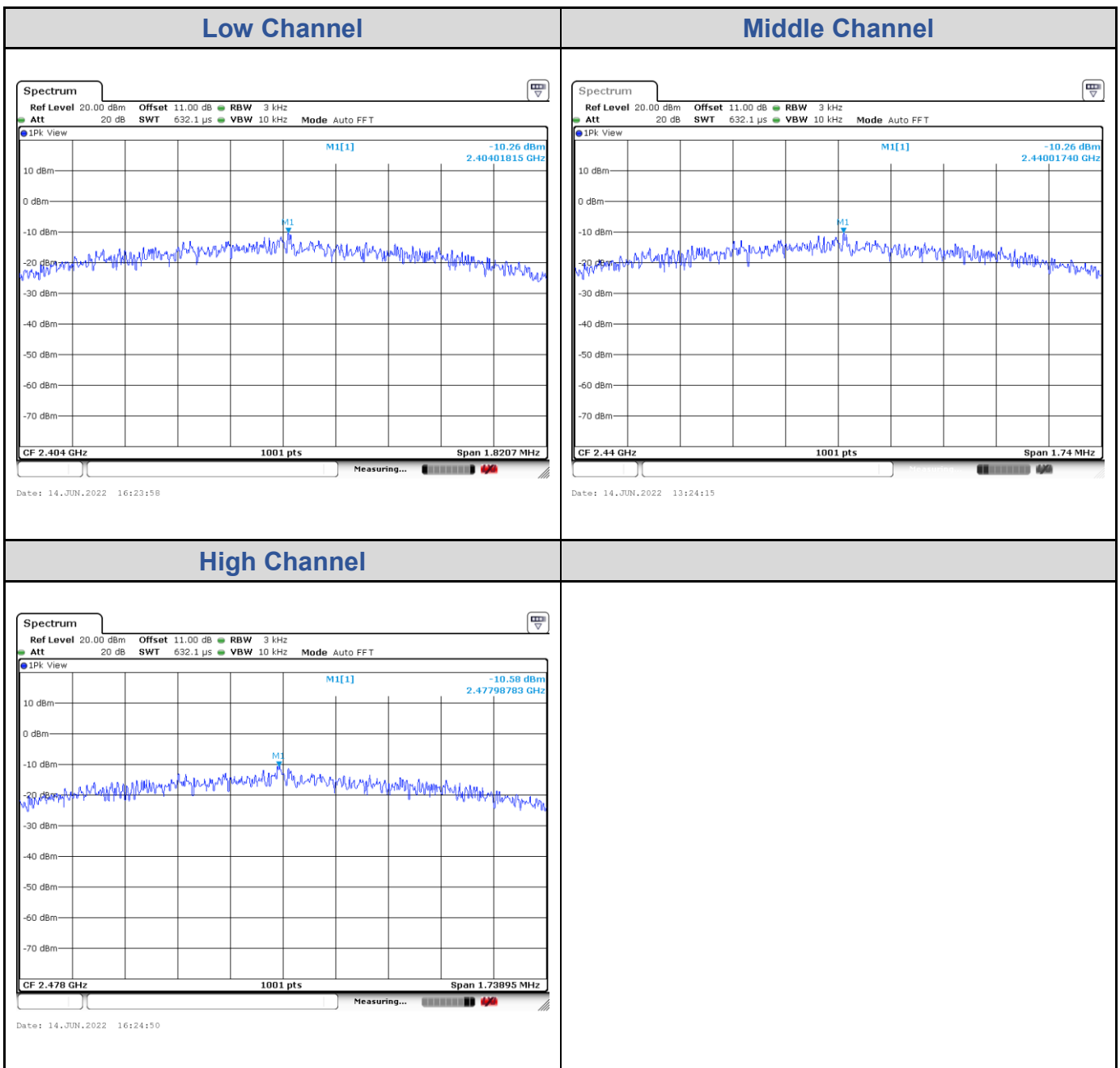
BLE_1M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2402	-7.55	8	Pass
Middle Channel	2440	-7.75	8	Pass
High Channel	2480	-7.73	8	Pass



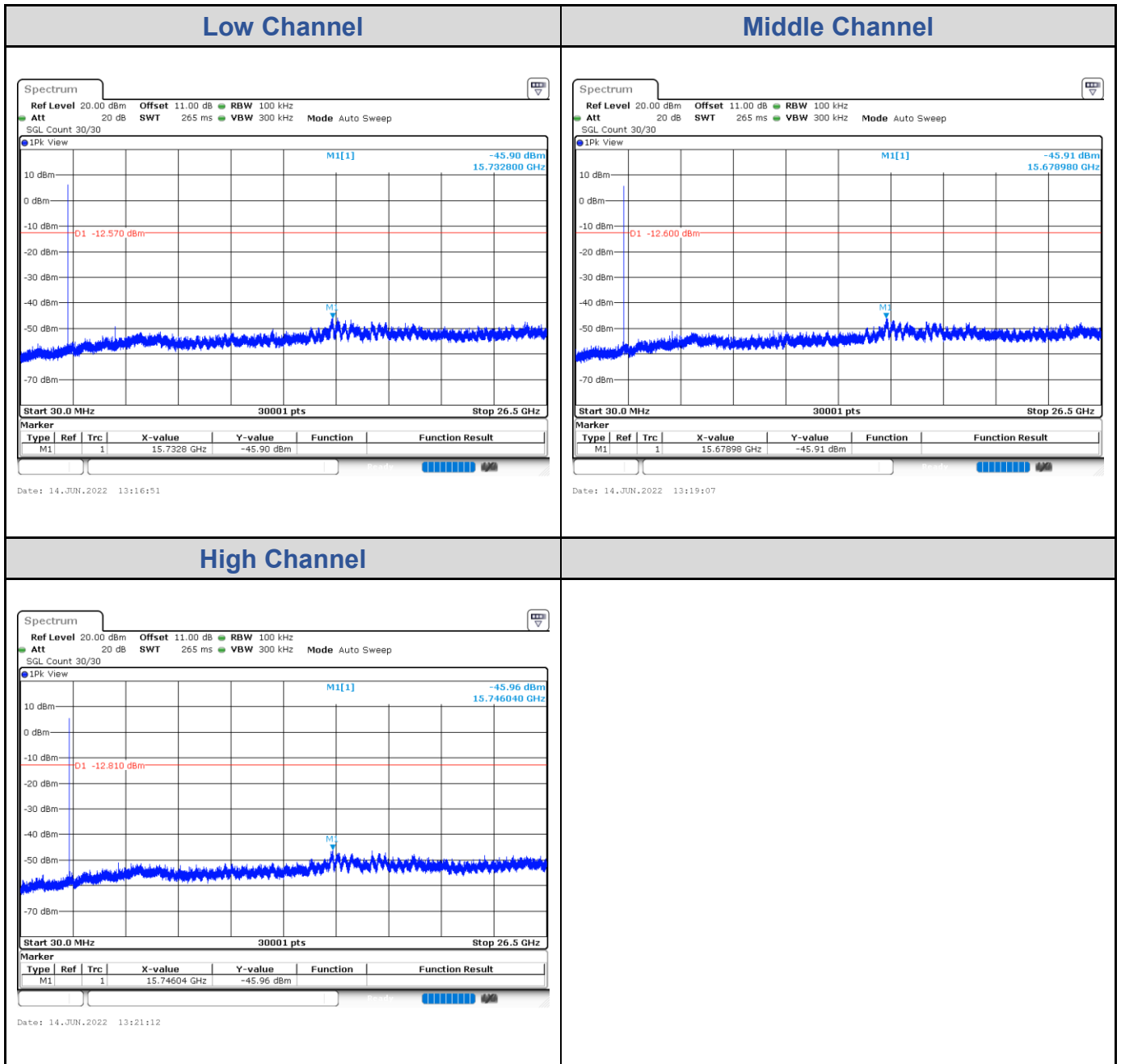
BLE_2M

Channel	Channel Frequency (MHz)	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
Low Channel	2404	-10.26	8	Pass
Middle Channel	2440	-10.26	8	Pass
High Channel	2478	-10.58	8	Pass

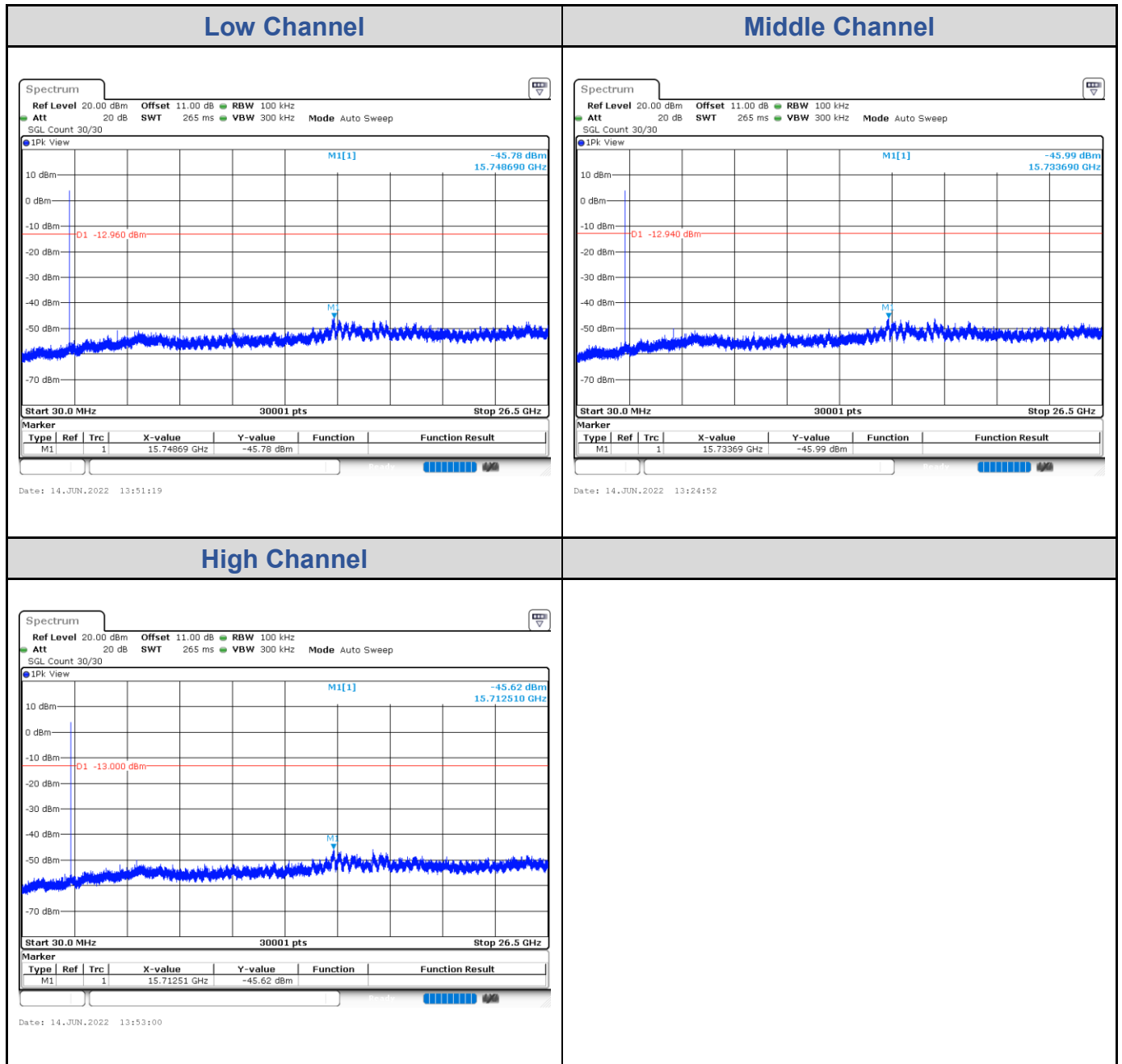


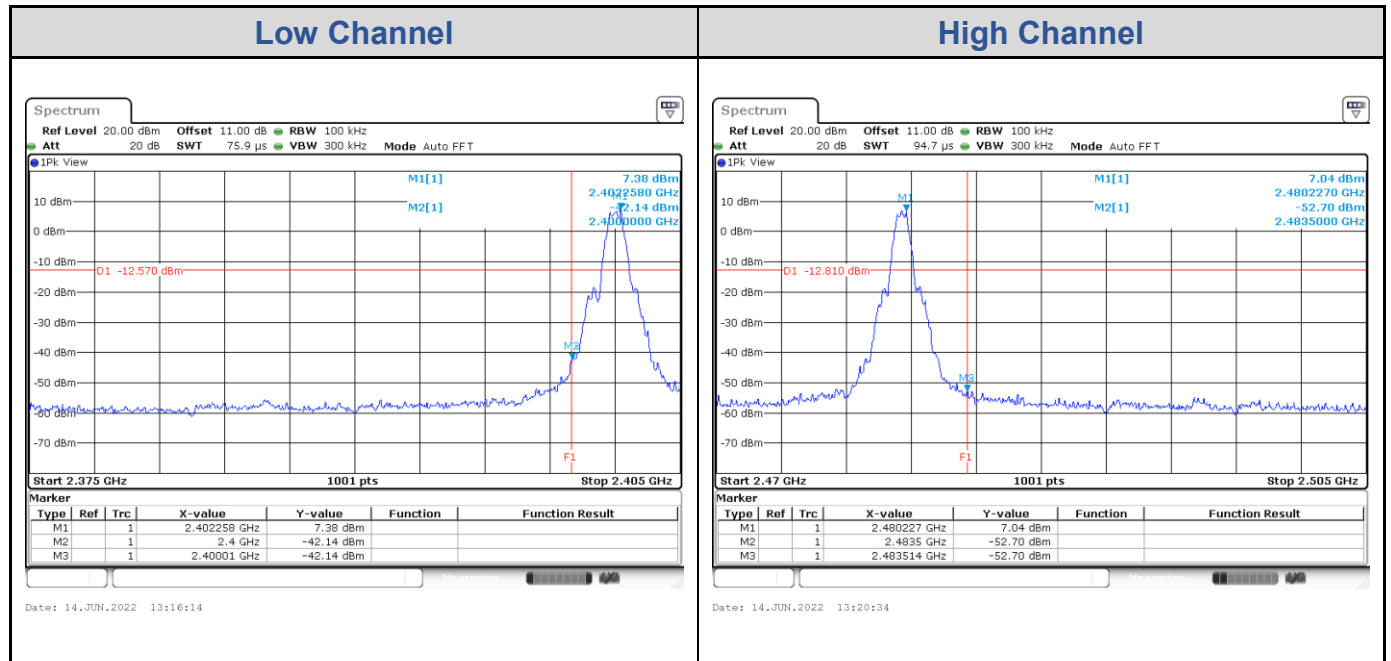
Test Result of Conducted Spurious Emissions, Tx Mode

BLE_1M



BLE_2M



Test Result of Conducted Band Edge, Tx Mode
BLE_1M

BLE_2M
