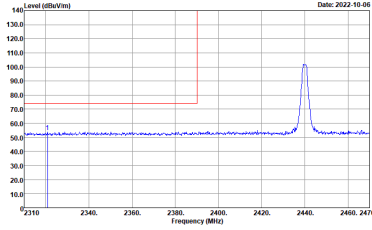
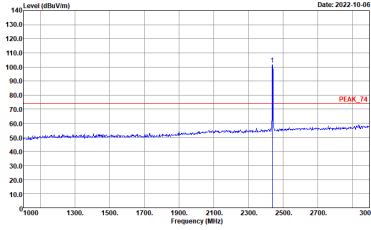
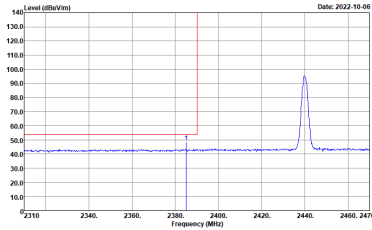
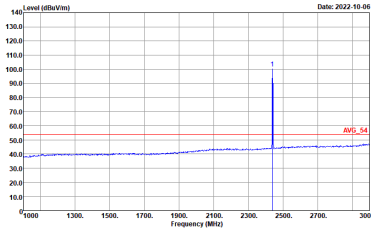




BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH00 2402MHz	
	Vertical	Fundamental
Peak	<p>Level (dBm/1m) vs Frequency (MHz) plot for Peak. The x-axis ranges from 2310 to 2415 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/1m. A sharp peak is visible at approximately 2402 MHz. The plot includes a red horizontal line at approximately 75 dBm/1m and a blue vertical line at the peak frequency. The date is 2022-10-06.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBm/1m) vs Frequency (MHz) plot for Fundamental. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/1m. A sharp peak is visible at approximately 2402 MHz. The plot includes a red horizontal line at approximately 75 dBm/1m and a blue vertical line at the peak frequency. The date is 2022-10-06.</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg	<p>Level (dBm/1m) vs Frequency (MHz) plot for Avg. The x-axis ranges from 2310 to 2415 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/1m. A peak is visible at approximately 2402 MHz. The plot includes a red horizontal line at approximately 55 dBm/1m and a blue vertical line at the peak frequency. The date is 2022-10-06.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Level (dBm/1m) vs Frequency (MHz) plot for Avg. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from 10.0 to 140.0 dBm/1m. A peak is visible at approximately 2402 MHz. The plot includes a red horizontal line at approximately 55 dBm/1m and a blue vertical line at the peak frequency. The date is 2022-10-06.</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>

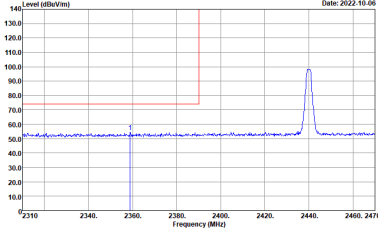
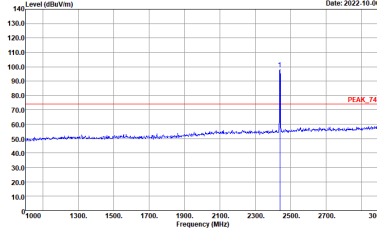
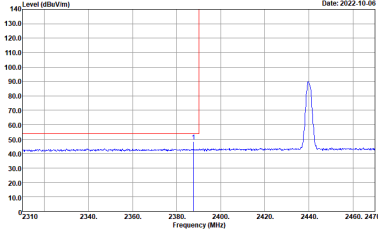
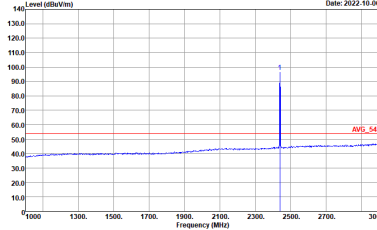


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - L	
	Horizontal	Fundamental
Peak	 <p>Level (dBm/Hz) vs Frequency (MHz) plot showing a peak at 2440 MHz. The y-axis ranges from 10.0 to 140.0 dBm/Hz, and the x-axis ranges from 2310 to 2470 MHz. A red vertical line marks the peak at 2440 MHz.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/Hz) vs Frequency (MHz) plot showing a peak at 2440 MHz. The y-axis ranges from 10.0 to 140.0 dBm/Hz, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the peak at 2440 MHz, labeled 'PEAK_74'.</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/Hz) vs Frequency (MHz) plot showing a peak at 2440 MHz. The y-axis ranges from 10.0 to 140.0 dBm/Hz, and the x-axis ranges from 2310 to 2470 MHz. A red vertical line marks the peak at 2440 MHz.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/Hz) vs Frequency (MHz) plot showing a peak at 2440 MHz. The y-axis ranges from 10.0 to 140.0 dBm/Hz, and the x-axis ranges from 1000 to 3000 MHz. A red vertical line marks the peak at 2440 MHz, labeled 'AVG_54'.</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Horizontal	Fundamental
Peak	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

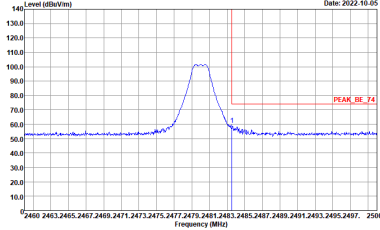
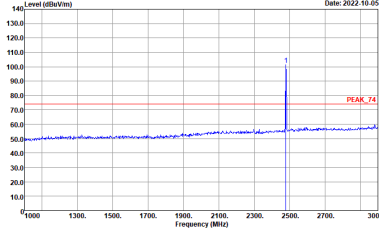
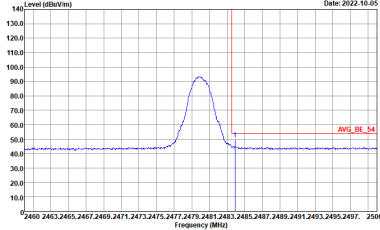
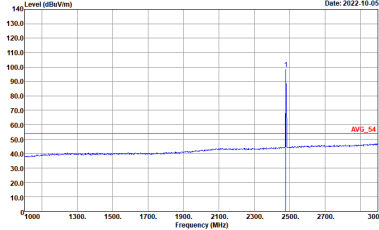


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
BLE CH19 2440MHz - L		
	Vertical	Fundamental
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a peak at 2440 MHz. Date: 2022-10-06</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a peak at 2440 MHz. Date: 2022-10-06</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing average level. Date: 2022-10-06</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing average level. Date: 2022-10-06</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>

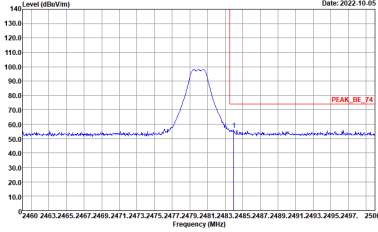
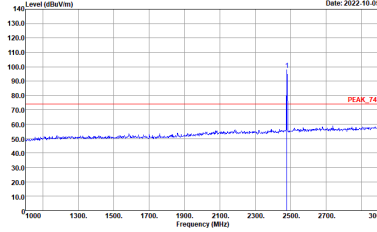
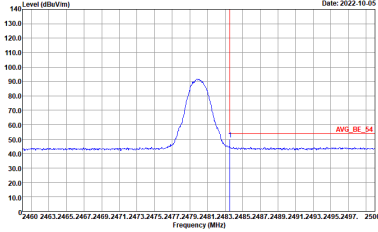
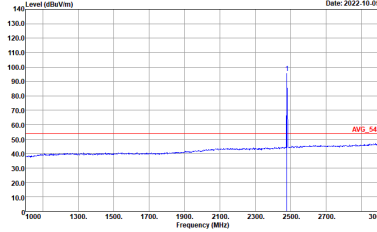


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH19 2440MHz - R	
	Vertical	Fundamental
Peak	<p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	<p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
BLE CH39 2480MHz		
	Horizontal	Fundamental
Peak	 <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



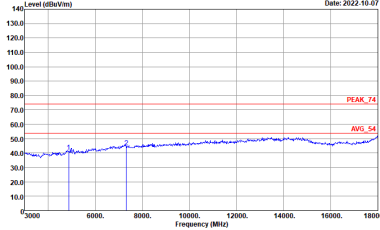
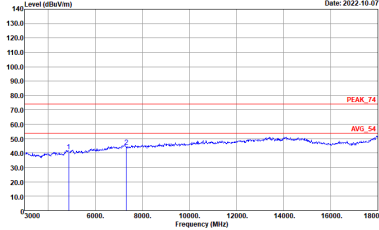
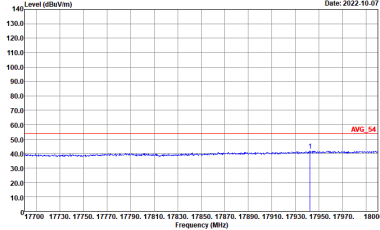
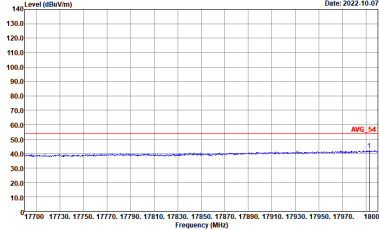
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
BLE CH39 2480MHz		
	Vertical	Fundamental
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a peak at 2480 MHz. The peak level is approximately 100 dBm/1m. A red horizontal line indicates the peak level, labeled 'PEAK_BE_74'.</p> <p>Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a sharp peak at 2480 MHz. The peak level is approximately 100 dBm/1m. A red horizontal line indicates the peak level, labeled 'PEAK_F4'.</p> <p>Site : 03CH02-CA Condition : PEAK_F4 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing the average spectrum. A peak is visible at 2480 MHz. A red horizontal line indicates the average level, labeled 'AVG_BE_54'.</p> <p>Site : 03CH02-CA Condition : AVG_BE_54 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:5.000KHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing the average spectrum. A sharp peak is visible at 2480 MHz. A red horizontal line indicates the average level, labeled 'AVG_F4'.</p> <p>Site : 03CH02-CA Condition : AVG_F4 3m HORN_02113_220622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



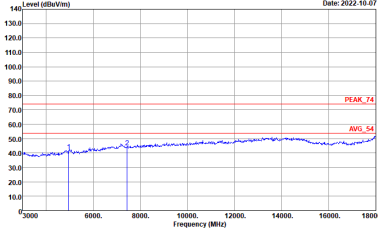
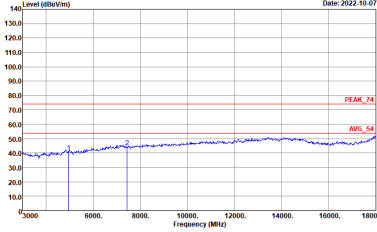
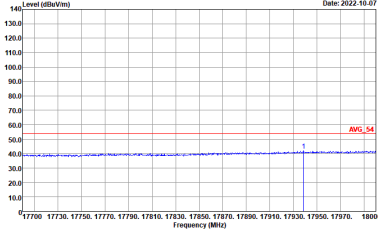
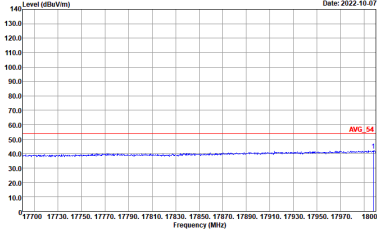
2.4GHz 2400~2483.5MHz
BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
BLE CH00 2402MHz		
Horizontal		Vertical
<p>Peak Avg.</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 VERTICAL Detector : Peak</p>
	<p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 HORIZONTAL Detector : Average</p>	<p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 VERTICAL Detector : Average</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
BLE CH19 2440MHz		
	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 HORIZONTAL Detector : Peak</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 VERTICAL Detector : Peak</p>
<p>Avg.</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 HORIZONTAL Detector : Average</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 VERTICAL Detector : Average</p>



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
BLE CH39 2480MHz		
Horizontal		Vertical
<p>Peak Avg.</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 HORIZONTAL Detector : Peak</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : PEAK_74 3m HORN_02113_220622 VERTICAL Detector : Peak</p>
	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 HORIZONTAL Detector : Average</p>	 <p>Date: 2022-10-07</p> <p>Site : 03CH02-CA Condition : AVG_54 3m HORN_02113_220622 VERTICAL Detector : Average</p>

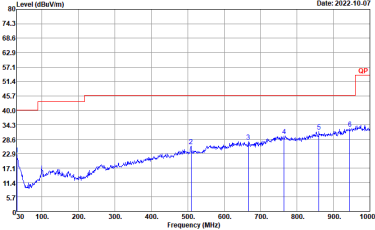
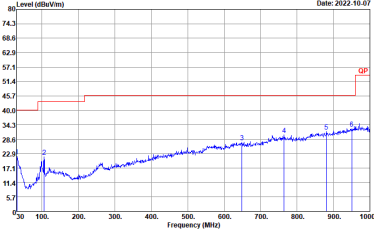


Emission above 18GHz
2.4GHz BLE (SHF @ 1m)

BLE	2.4GHz 2400~2483.5MHz	
	BLE SHF	
	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_842_220816 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_842_220816 VERTICAL Detector : Peak</p>



Emission below 1GHz
2.4GHz BLE (LF)

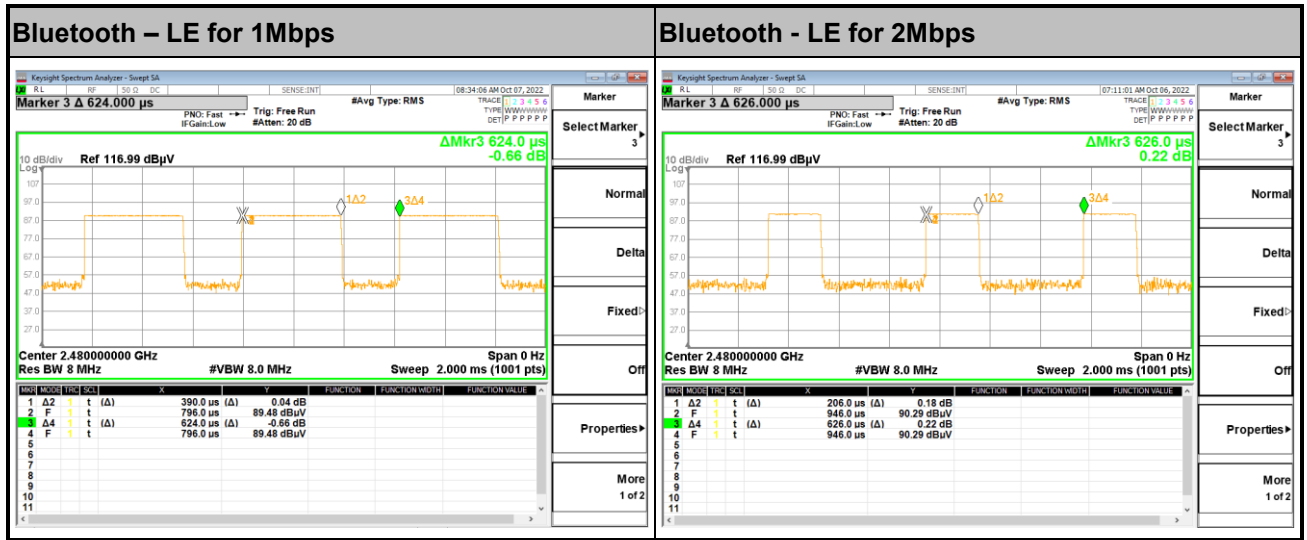
BLE	2.4GHz 2400~2483.5MHz	
	BLE LF	
	Horizontal	Vertical
QP / Peak	 <p>Site : 03CH02-CA Condition : QP 3m BIL06_50392_220711 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH02-CA Condition : QP 3m BIL06_50392_220711 VERTICAL Detector : Peak</p>



Appendix D. Duty Cycle Plots

<Left>

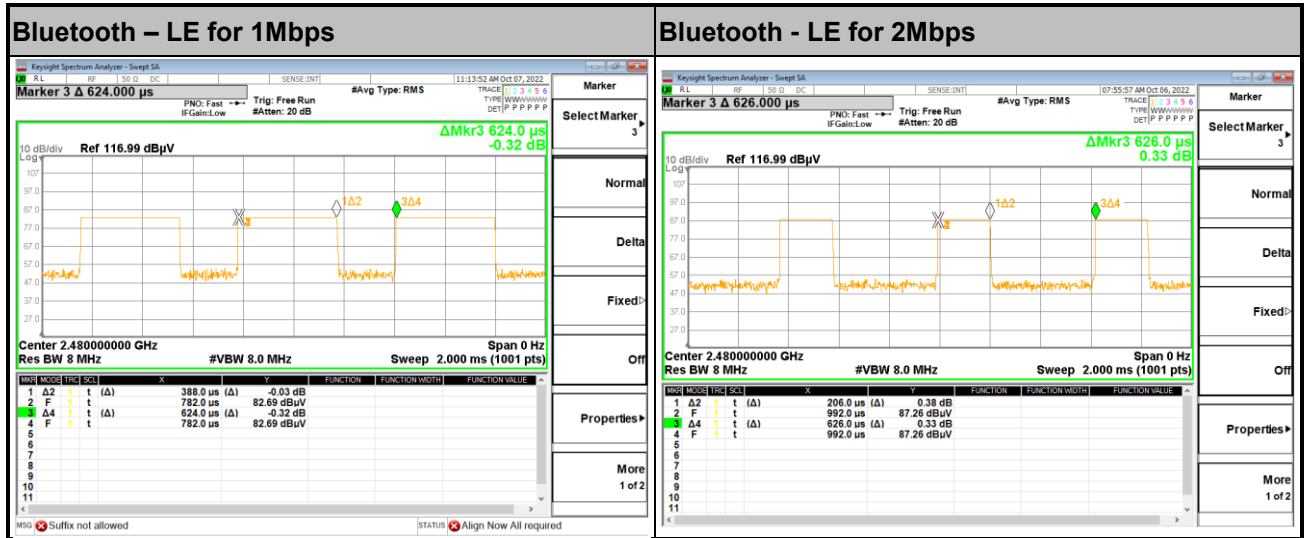
Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
Bluetooth - LE for 1Mbps	62.50	390	2.56	3kHz
Bluetooth - LE for 2Mbps	32.91	206	4.85	10kHz





<Right>

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
Bluetooth - LE for 1Mbps	62.18	388	2.58	3kHz
Bluetooth - LE for 2Mbps	32.91	206	4.85	10kHz



—THE END—