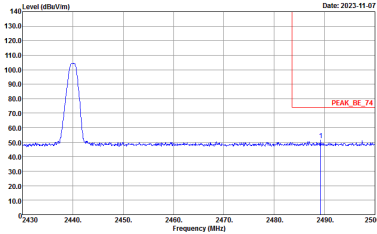
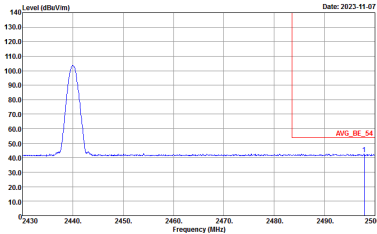




BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - L	
4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto

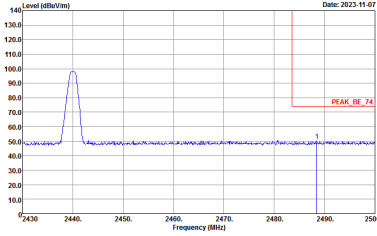
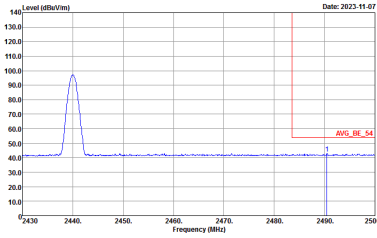


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - R	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : :AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto	Left blank

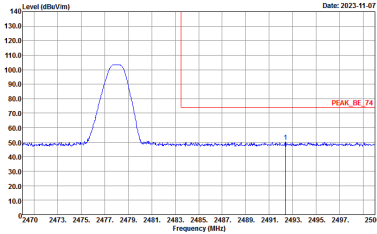
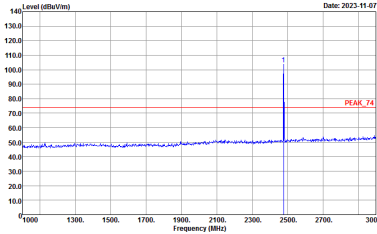
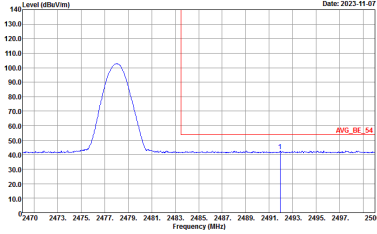
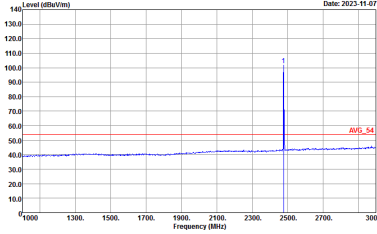


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - L	
4	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto

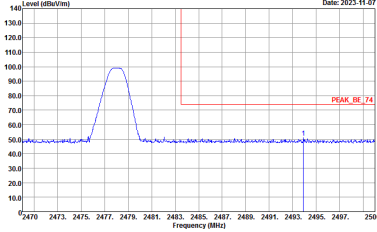
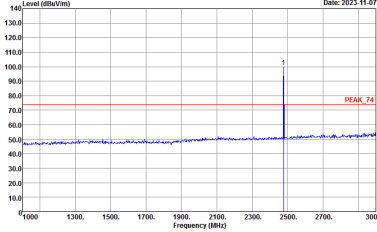
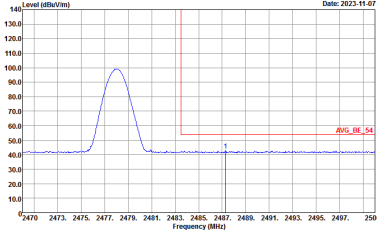
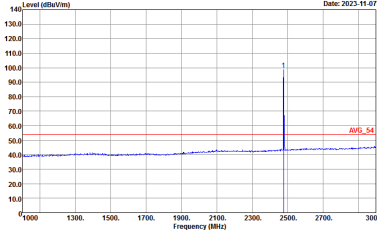


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - R	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BE_74 3m 91200_02294_230630 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : :AVG_BE_54 3m 91200_02294_230630 VERTICAL :RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH76 2478MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH76 2478MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto
Avg.		



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH02 2404MHz	
4	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-11-08 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) Date: 2023-11-08 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH02 2404MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. The average level is marked as AVG_54. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. The average level is marked as AVG_54. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. The average level is marked as AVG_54. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. The average level is marked as AVG_54. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg		



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH38 2440MHz	
4	Horizontal	Vertical
Peak Avg.	Level (dBu/V/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL :	Level (dBu/V/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL :



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH38 2440MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.	Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL :	Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL :
	Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL :	Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL :
17.7G ~18G Avg		

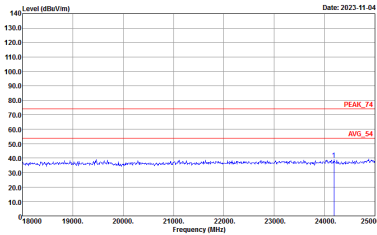
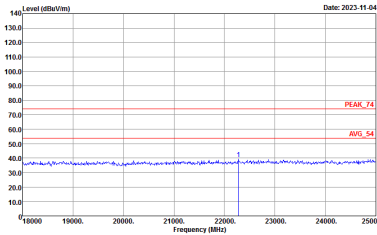


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH76 2478MHz	
4	Horizontal	Vertical
Peak	Level (dBu/V/m) Date: 2023-11-08 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL :	Level (dBu/V/m) Date: 2023-11-08 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL :

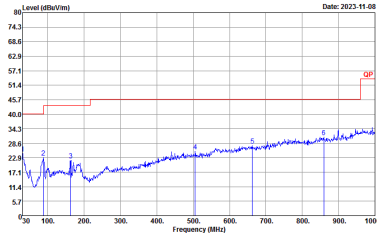
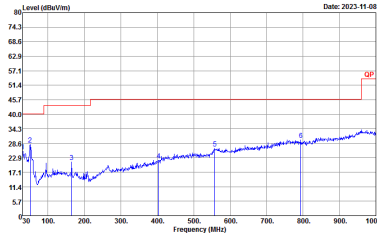


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH76 2478MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A blue line shows the spectrum, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A blue line shows the spectrum, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A blue line shows the spectrum, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A blue line shows the spectrum, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL

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

BLE	2.4GHz 2400~2483.5MHz	
ANT	BLE SHF	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 1m SHF_00993_221123 HORIZONTAL :	 Site : 03CH15-HY Condition : PEAK_74 1m SHF_00993_221123 VERTICAL :

Emission below 1GHz
2.4GHz BLE (LF)

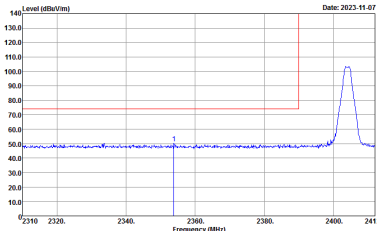
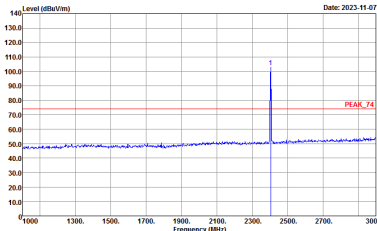
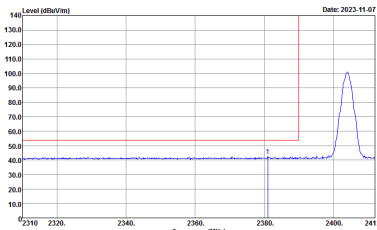
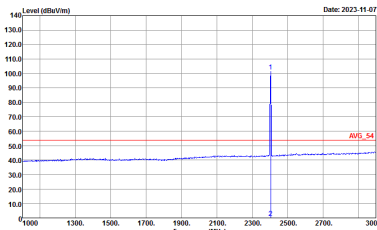
BLE	2.4GHz 2400~2483.5MHz	
ANT	BLE LF	
4	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : QP 3m 1581LO6_230318_210 HORIZONTAL	 Site : 03CH15-HY Condition : QP 3m 1581LO6_230318_210 VERTICAL



<GFSK 2Mbps>

2.4GHz 2400~2483.5MHz

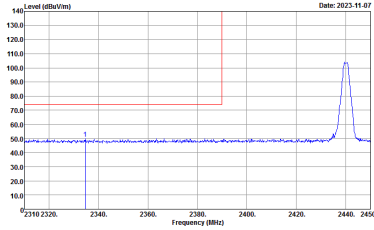
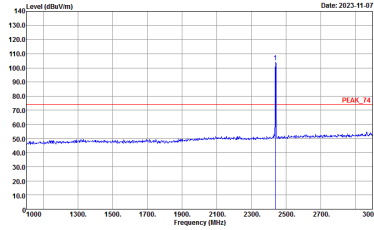
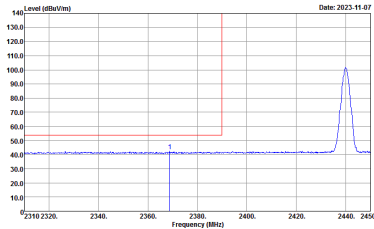
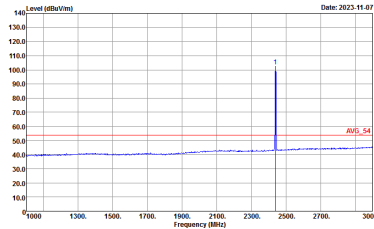
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH02 2404MHz	
3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto

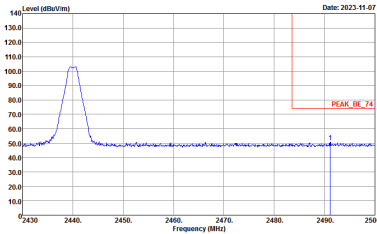
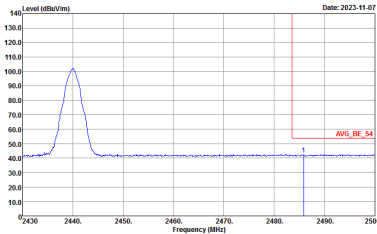


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH02 2404MHz	
3	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - L	
3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto

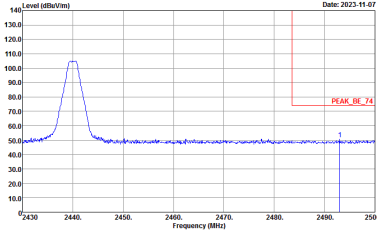
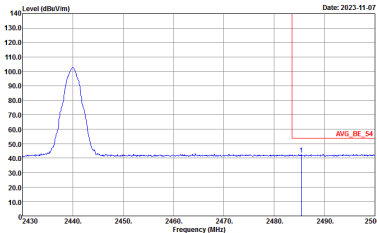


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - R	
3	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : -PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : -AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - L	
3	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto

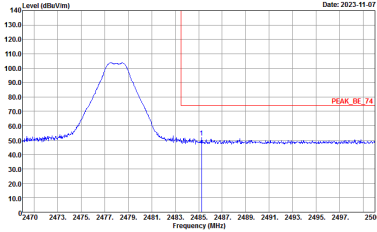
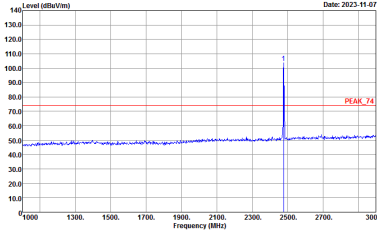
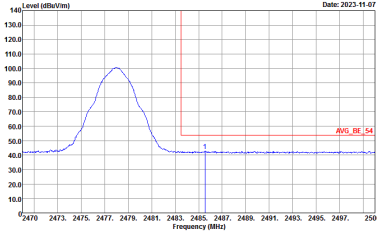
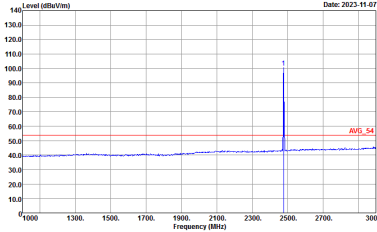


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - R	
3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : :AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH76 2478MHz	
3	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : -PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : -PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : -AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : -AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto

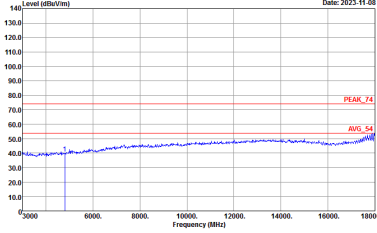
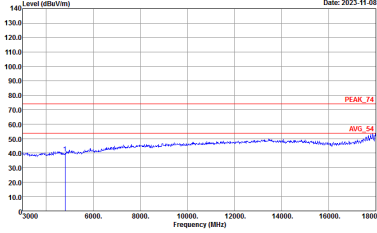


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH76 2478MHz	
3	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto
Avg.		



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH02 2404MHz	
3	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH02 2404MHz	
3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line indicates the average level at approximately 54 dBuV/m. The plot shows a flat spectrum with a slight dip around 14475 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line indicates the average level at approximately 54 dBuV/m. The plot shows a flat spectrum with a slight dip around 14475 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line indicates the average level at approximately 54 dBuV/m. The plot shows a flat spectrum with a slight dip around 17750 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line indicates the average level at approximately 54 dBuV/m. The plot shows a flat spectrum with a slight dip around 17750 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL :



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH38 2440MHz	
3	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH38 2440MHz	
3	Horizontal	Vertical
14.47G ~14.5G Avg.	Graph showing Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line indicates the average level (AVG_54) at approximately 55 dBuV/m. The blue line shows the measured signal level, which is consistently below the red line. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Graph showing Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 14470 to 14500 MHz. A red line indicates the average level (AVG_54) at approximately 55 dBuV/m. The blue line shows the measured signal level, which is consistently below the red line. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
	Graph showing Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line indicates the average level (AVG_54) at approximately 55 dBuV/m. The blue line shows the measured signal level, which is consistently below the red line. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Graph showing Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 17700 to 18000 MHz. A red line indicates the average level (AVG_54) at approximately 55 dBuV/m. The blue line shows the measured signal level, which is consistently below the red line. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL

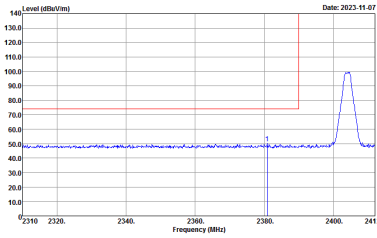
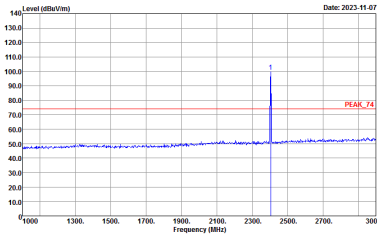
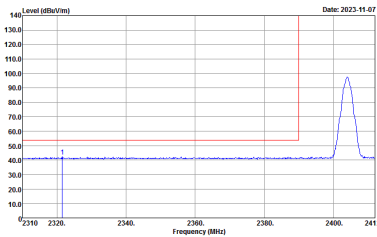
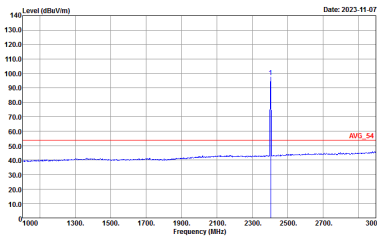


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH76 2478MHz	
3	Horizontal	Vertical
Peak	Level (dBuV/m) Date: 2023-11-08 PEAK_74 AVG_54 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) Date: 2023-11-08 PEAK_74 AVG_54 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL

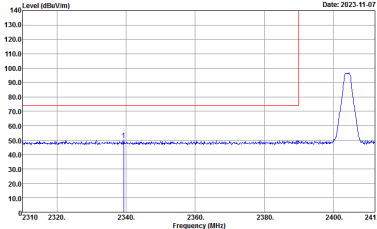
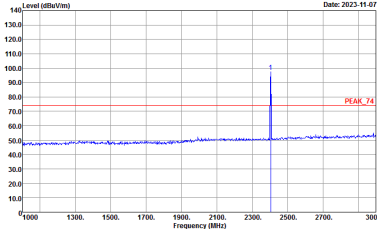
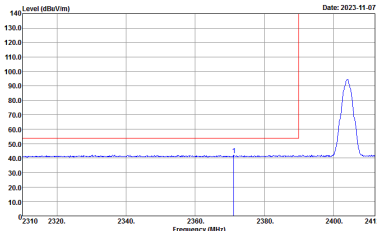
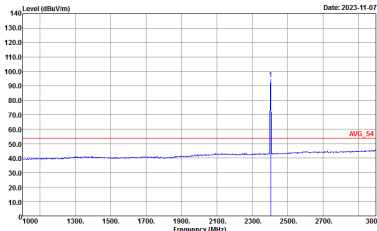


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH76 2478MHz	
3	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line shows the spectrum level, which is mostly flat around 40 dBuV/m with some minor fluctuations. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line shows the spectrum level, which is mostly flat around 40 dBuV/m with some minor fluctuations. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL :
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line shows the spectrum level, which is mostly flat around 40 dBuV/m with some minor fluctuations. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL :	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line labeled 'AVG_54' is at approximately 55 dBuV/m. A blue line shows the spectrum level, which is mostly flat around 40 dBuV/m with some minor fluctuations. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL :

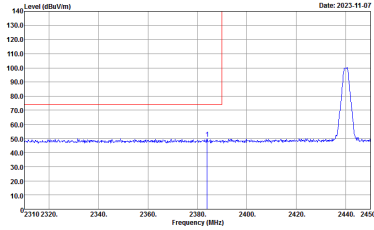
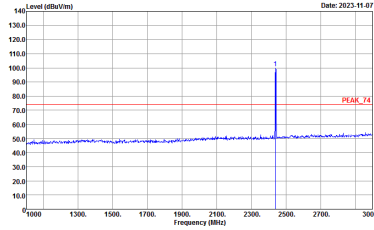
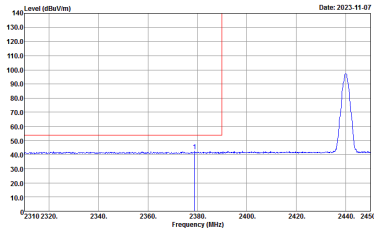
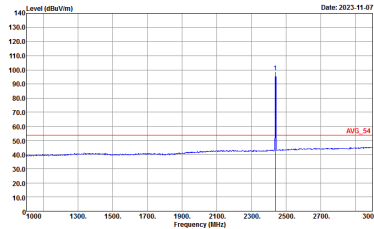
2.4GHz 2400~2483.5MHz
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH02 2404MHz	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL RBW:1000.000kHz VBW:10.000kHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL RBW:1000.000kHz VBW:10.000kHz SWT:Auto

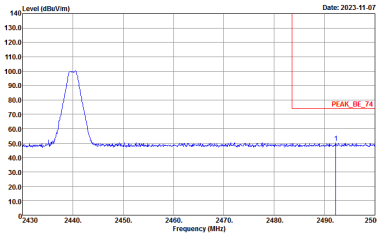
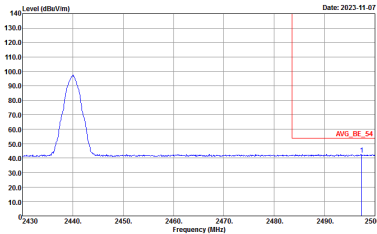


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH02 2404MHz	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto
Avg		



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - L	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000kHz VBW:10.000kHz SWT:Auto

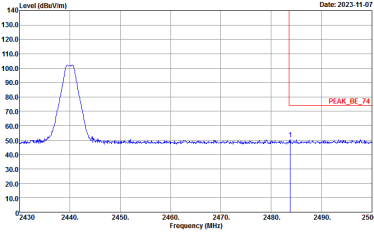
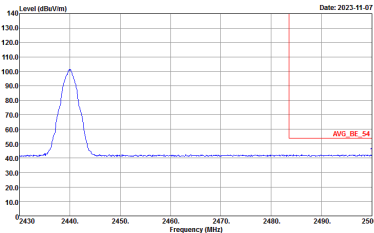


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - R	
4	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : -PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : -AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - L	
4	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH38 2440MHz - R	
4	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : :PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : :AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH76 2478MHz	
4	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : -PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : -PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH15-HY Condition : -AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : -AVG_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto
Avg.		

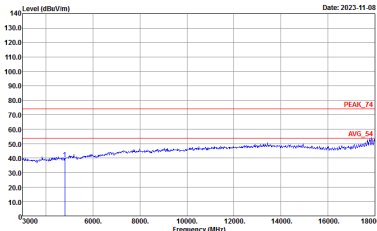
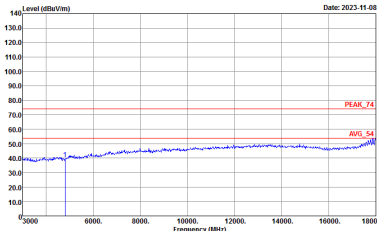


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	BLE CH76 2478MHz	
4	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH02 2404MHz	
4	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH02 2404MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A blue line shows the signal level, and a red line indicates the average level (AVG_54). The signal is relatively flat around 40 dBuV/m. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A blue line shows the signal level, and a red line indicates the average level (AVG_54). The signal is relatively flat around 40 dBuV/m. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A blue line shows the signal level, and a red line indicates the average level (AVG_54). The signal is relatively flat around 40 dBuV/m. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A blue line shows the signal level, and a red line indicates the average level (AVG_54). The signal is relatively flat around 40 dBuV/m. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH38 2440MHz	
4	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH38 2440MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the spectrum and a red line for the average (AVG_54). The frequency range is from 14470 to 14500 MHz. The level range is from 10.0 to 140.0 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the spectrum and a red line for the average (AVG_54). The frequency range is from 14470 to 14500 MHz. The level range is from 10.0 to 140.0 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) for Horizontal polarization. The plot shows a blue line representing the spectrum and a red line for the average (AVG_54). The frequency range is from 17700 to 18000 MHz. The level range is from 10.0 to 140.0 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) for Vertical polarization. The plot shows a blue line representing the spectrum and a red line for the average (AVG_54). The frequency range is from 17700 to 18000 MHz. The level range is from 10.0 to 140.0 dBuV/m. The date is 2023-11-08. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH76 2478MHz	
4	Horizontal	Vertical
Peak	Level (dBuV/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) Date: 2023-11-08 Frequency (MHz) Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL



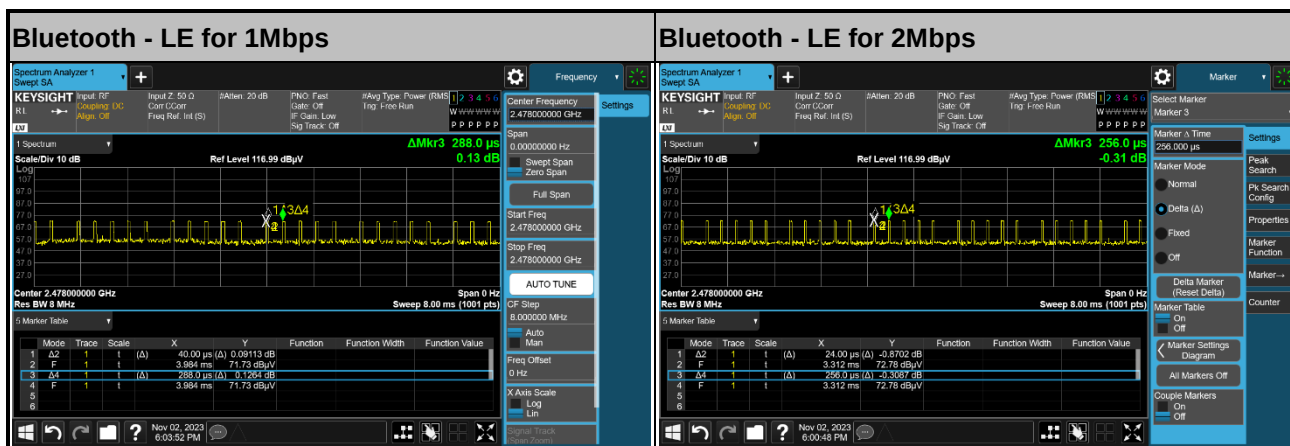
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	BLE CH76 2478MHz	
4	Horizontal	Vertical
14.47G ~14.5G Avg.	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line indicates the average level at approximately 54 dBuV/m. The blue line shows the spectrum with a peak around 14478 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 14470 to 14500 MHz. A red line indicates the average level at approximately 54 dBuV/m. The blue line shows the spectrum with a peak around 14478 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL
	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line indicates the average level at approximately 54 dBuV/m. The blue line shows the spectrum with a peak around 17730 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 HORIZONTAL	Level (dBuV/m) vs Frequency (MHz) graph. The y-axis ranges from 10.0 to 140.0 dBuV/m. The x-axis ranges from 17700 to 18000 MHz. A red line indicates the average level at approximately 54 dBuV/m. The blue line shows the spectrum with a peak around 17730 MHz. Site : 03CH15-HY Condition : AV6_54 3m 91200_02294_230630 VERTICAL



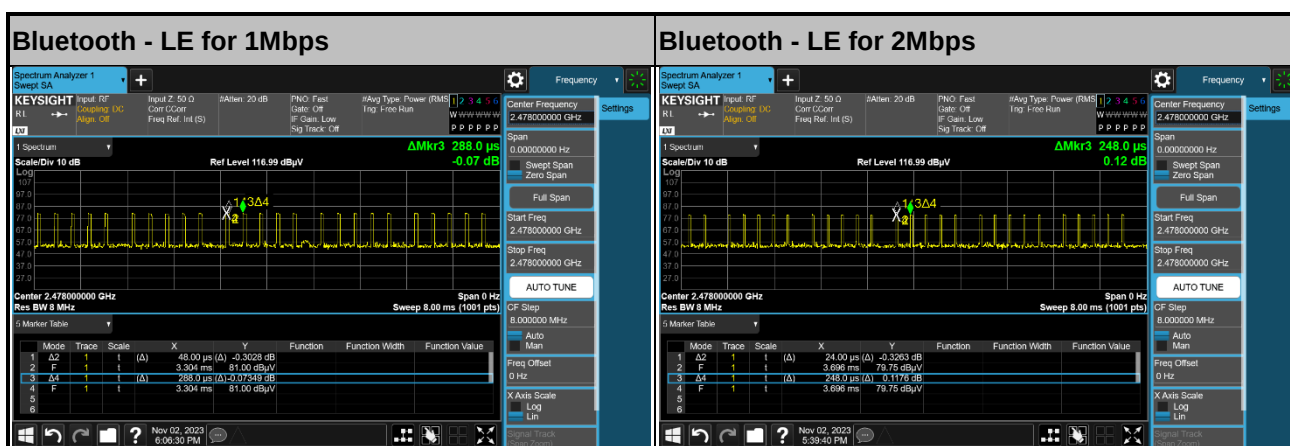
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
3	BLE CS GFSK for 1Mbps	13.89	40	25.00	10kHz
3	BLE CS GFSK for 2Mbps	9.38	24	41.67	10kHz
4	BLE CS GFSK for 1Mbps	16.67	48	20.83	10kHz
4	BLE CS GFSK for 2Mbps	9.68	24	41.67	10kHz

<Ant. 3>



<Ant. 4>



—THE END—