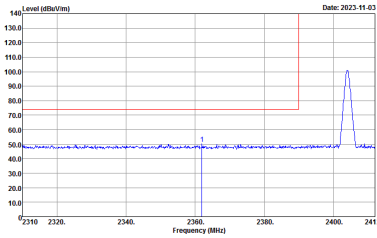
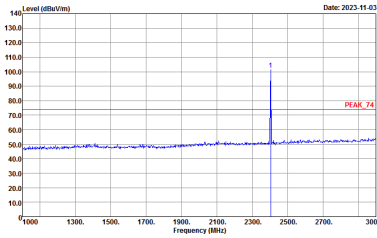
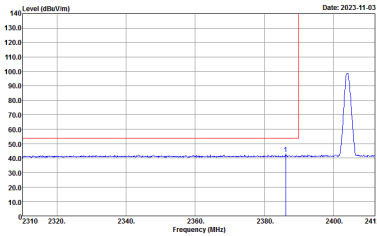
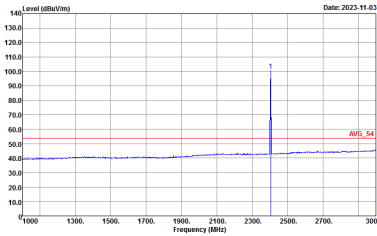




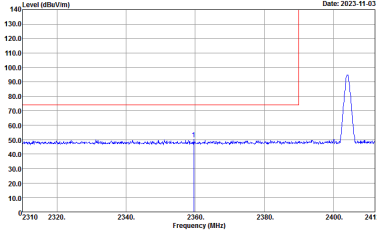
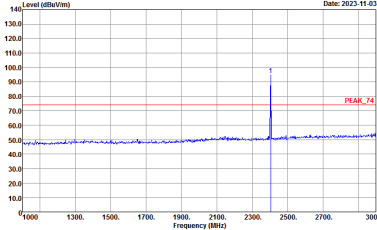
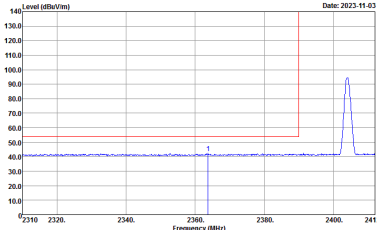
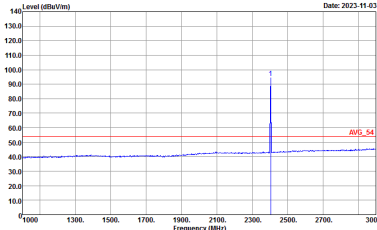
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2.4GHz 2400~2483.5MHz

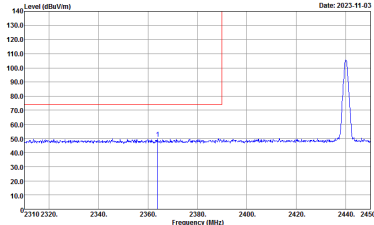
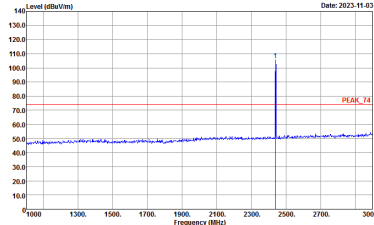
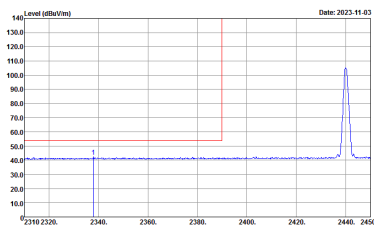
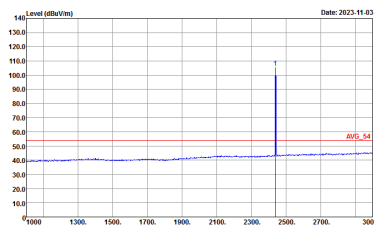
BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH02 2404MHz	
	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

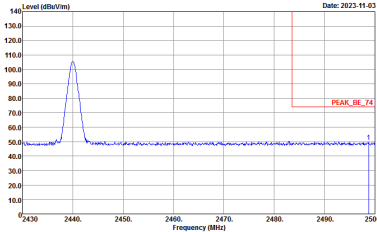
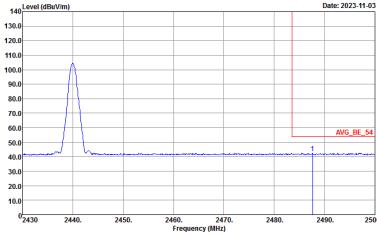


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH02 2404MHz	
	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz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

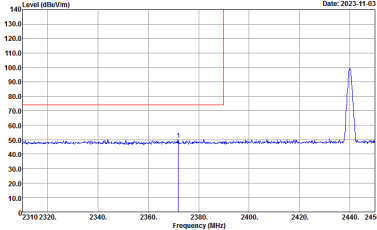
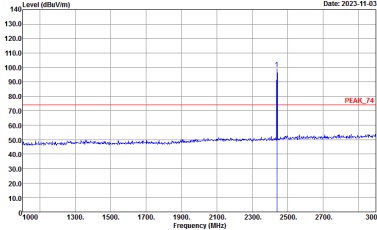
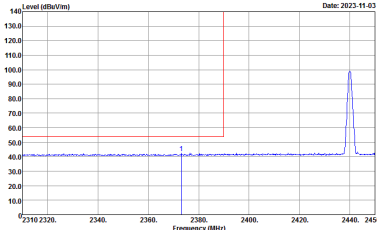
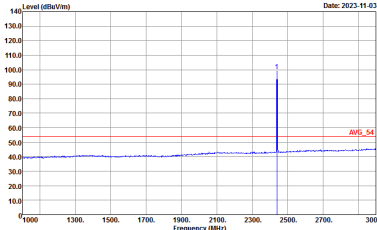


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - L	
	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz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

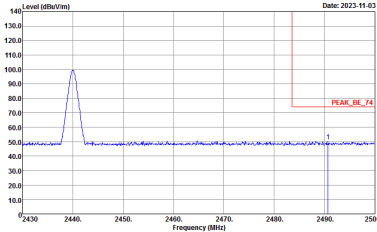
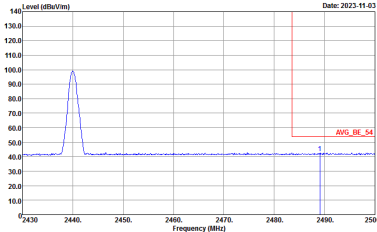


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH115-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH115-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank

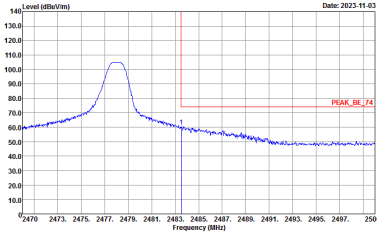
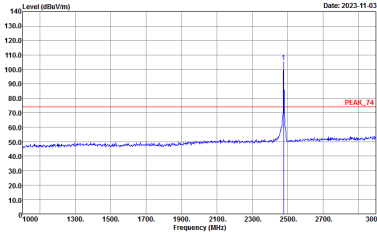
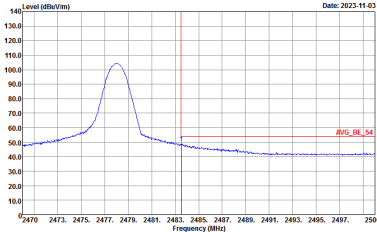
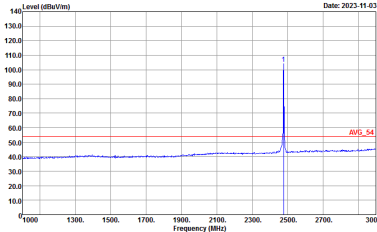


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - L	
	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz 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	
	BLE CH38 2440MHz - R	
	Vertical	Fundamental
Peak	 Site : 03CH115-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH115-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	
	BLE CH76 2478MHz	
	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	
	BLE CH76 2478MHz	
	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



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

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



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH02 2404MHz	
	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 blue line represents the measured signal, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-03. Site : 03CH15-HY Condition : AVG_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 blue line represents the measured signal, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-03. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G 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 17700 to 18000 MHz. A blue line represents the measured signal, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-03. Site : 03CH15-HY Condition : AVG_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 blue line represents the measured signal, and a red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The date is 2023-11-03. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH38 2440MHz	
	Horizontal	Vertical
Peak Avg.	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 Level (dBuV/m) Date: 2023-11-03 PEAK_74 Avg_54 Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL :	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 Level (dBuV/m) Date: 2023-11-03 PEAK_74 Avg_54 Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL :

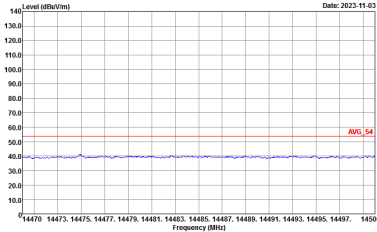
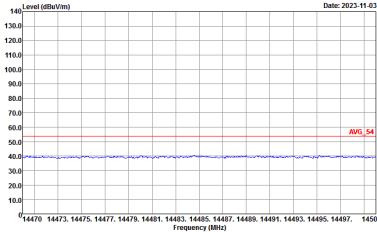
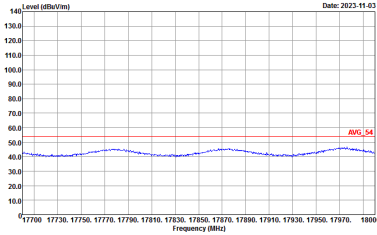
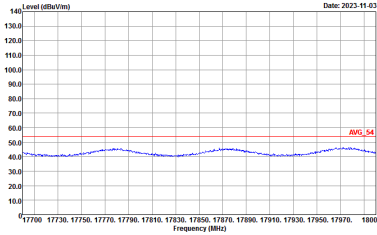


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH38 2440MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The frequency range is from 14470 to 14500 MHz. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The frequency range is from 14470 to 14500 MHz. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The frequency range is from 17700 to 18000 MHz. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The frequency range is from 17700 to 18000 MHz. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH76 2478MHz	
	Horizontal	Vertical
Peak	140 Level (dBuV/m) Date: 2023-11-03 Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL :	140 Level (dBuV/m) Date: 2023-11-03 Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL :



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH76 2478MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL :	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL :
17.7G ~18G Avg	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL :	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL :



Emission after 18GHz

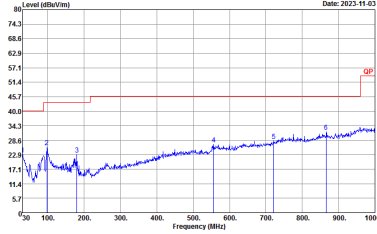
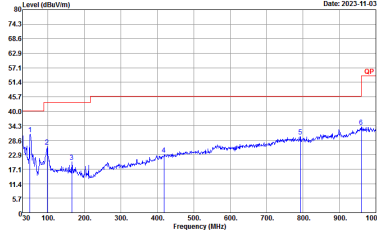
2.4GHz BLE (SHF @ 1m)

BLE	2.4GHz 2400~2483.5MHz	
	BLE SHF	
	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2023-11-04 PEAK_74 AVG_54 Site : 03CH15-HY Condition : PEAK_74 1m SHF_00993_221123 HORIZONTAL	Level (dBuV/m) Date: 2023-11-04 PEAK_74 AVG_54 Site : 03CH15-HY Condition : PEAK_74 1m SHF_00993_221123 VERTICAL



Emission below 1GHz

2.4GHz BLE (LF)

BLE	2.4GHz 2400~2483.5MHz	
	BLE LF	
	Horizontal	Vertical
QP / Peak	 Site : 03CH15-HY Condition : QP 3m 1581LOG_230318_210 HORIZONTAL :	 Site : 03CH15-HY Condition : QP 3m 1581LOG_230318_210 VERTICAL :

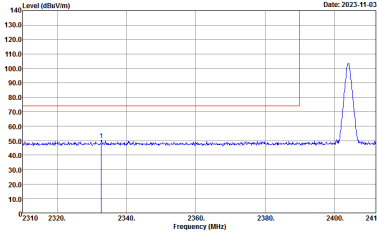
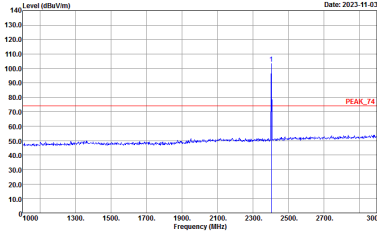
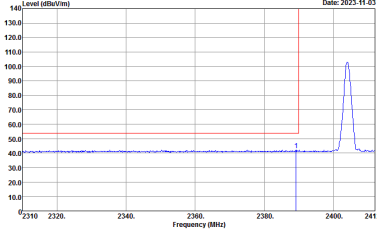
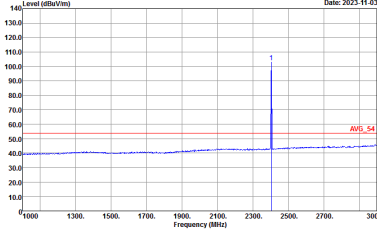


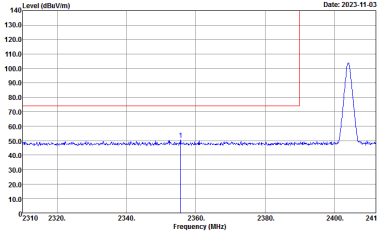
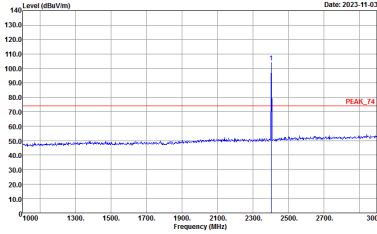
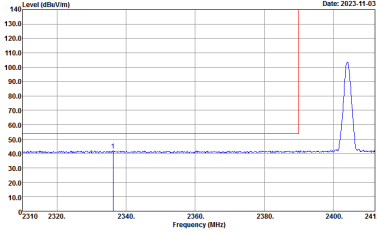
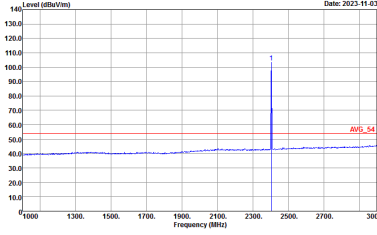
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2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

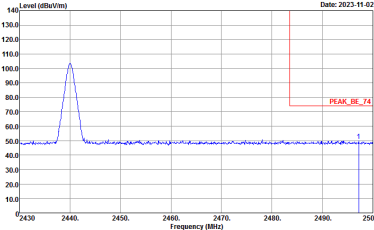
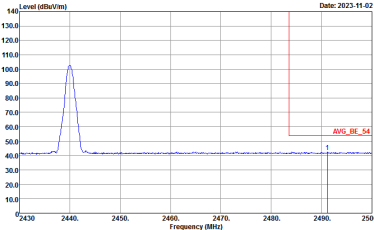
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH02 2404MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz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

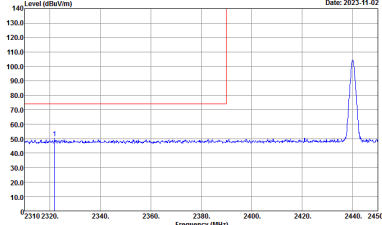
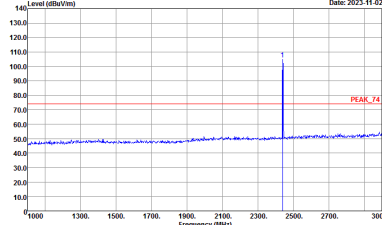
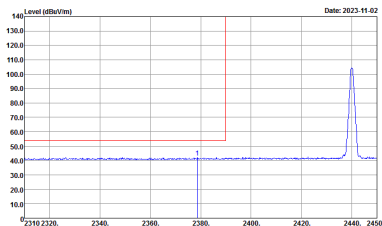
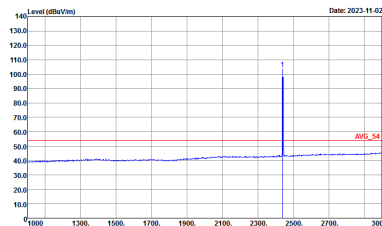
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH02 2404MHz	
	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz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



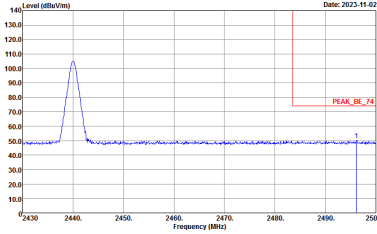
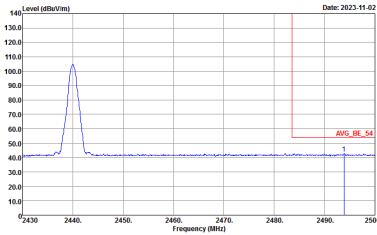
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - L	
	Horizontal	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Site : 03CH15-HY Condition : AVG_54 3m 9120D_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto

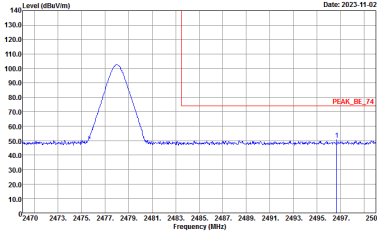
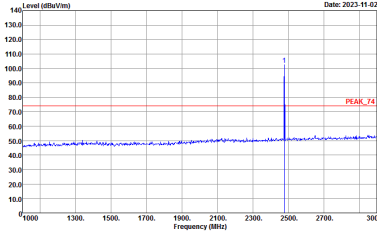
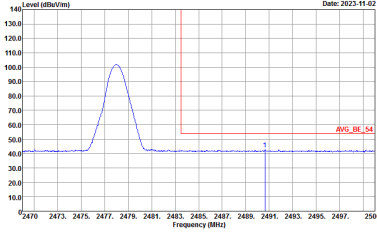
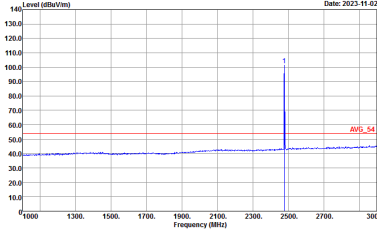


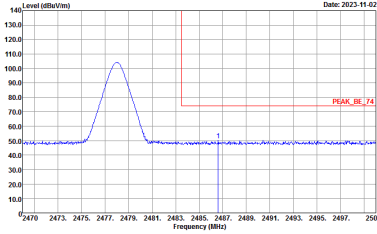
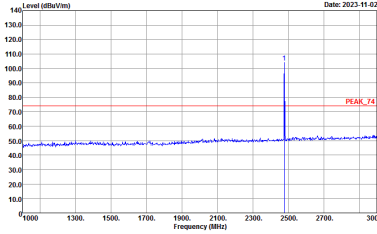
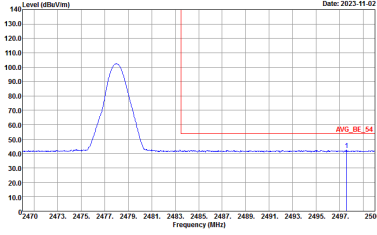
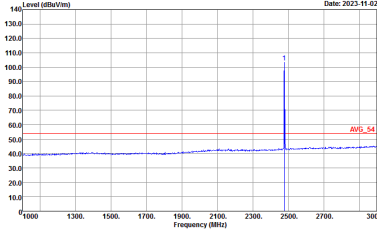
BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL :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

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - L	
	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	
	BLE CH38 2440MHz - R	
	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	
	BLE CH76 2478MHz	
	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	
	BLE CH76 2478MHz	
	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



2.4GHz 2400~2483.5MHz

BLE (Harmonic @ 3m)

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

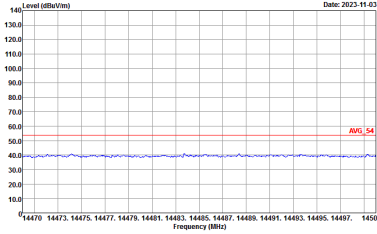
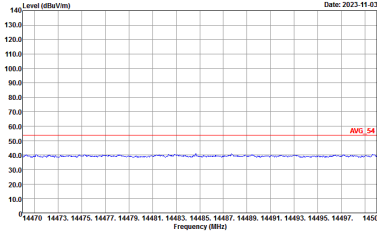
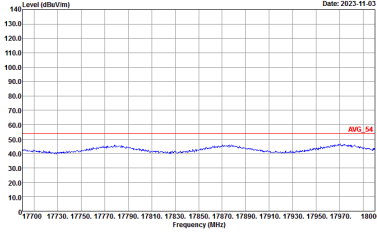
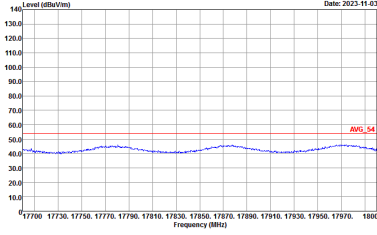


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH02 2404MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 14470 to 14500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 14470 to 14500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 17700 to 18000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 17700 to 18000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



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



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH38 2440MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



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



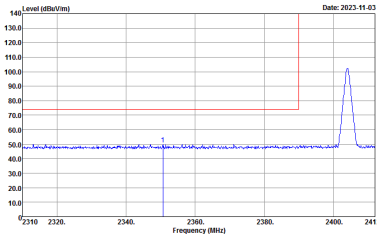
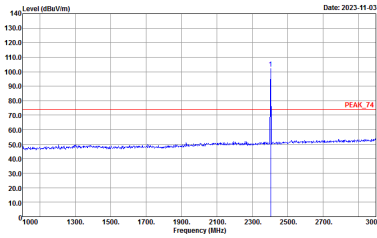
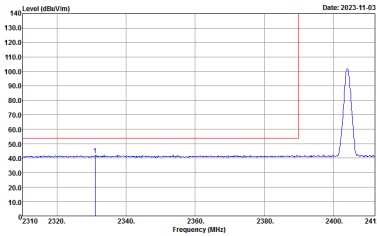
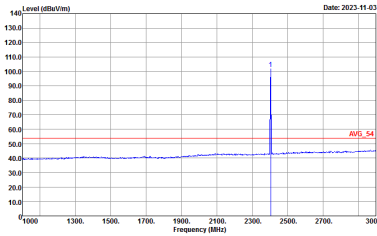
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH76 2478MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG_54 level at approximately 50 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 14470 to 14500 MHz. A red line indicates the AVG_54 level at approximately 50 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG_54 level at approximately 50 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a flat line at approximately 40 dBuV/m across the frequency range 17700 to 18000 MHz. A red line indicates the AVG_54 level at approximately 50 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



<Ant.4>

2.4GHz 2400~2483.5MHz

BLE (Band Edge @ 3m)

BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH02 2404MHz	
	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

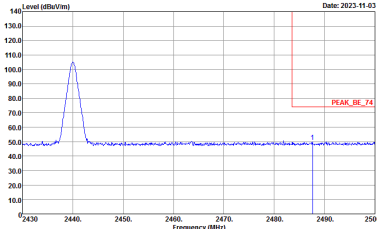
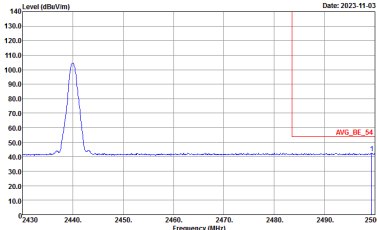


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH02 2404MHz	
	Vertical	Fundamental
Peak	Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH15-HY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz 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	
	BLE CH38 2440MHz - L	
	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

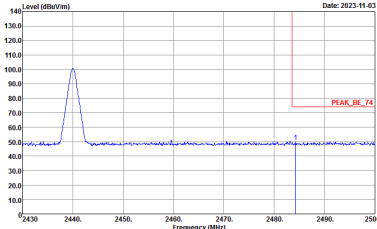
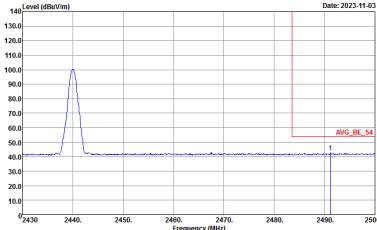


BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - R	
	Horizontal	Fundamental
Peak	 Site : 03CH115-HY Condition : PEAK_BE_74 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH115-HY Condition : AVG_BE_54 3m 91200_02294_230630 HORIZONTAL : RBW:1000.000KHz VBW:10.000KHz SWT:Auto	Left blank



BLE	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
	BLE CH38 2440MHz - L	
	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	
	BLE CH38 2440MHz - R	
	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	
	BLE CH76 2478MHz	
	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	
	BLE CH76 2478MHz	
	Vertical	Fundamental
Peak	140 130.0 120.0 110.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 2470 2473 2475 2477 2479 2481 2483 2485 2487 2489 2491 2493 2495 2497 2500 Level (dBuV/m) Frequency (MHz) 03CH15-HY PEAK_BE_74 3m 91200_02294_230630 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto PEAK_BE_74	140 130.0 120.0 110.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 1000 1300 1500 1700 1900 2100 2300 2500 2700 3000 Level (dBuV/m) Frequency (MHz) 03CH15-HY PEAK_74 3m 91200_02294_230630 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto PEAK_74
Avg.	140 130.0 120.0 110.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 2470 2473 2475 2477 2479 2481 2483 2485 2487 2489 2491 2493 2495 2497 2500 Level (dBuV/m) Frequency (MHz) 03CH15-HY AVG_BE_54 3m 91200_02294_230630 VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto AVG_BE_54	140 130.0 120.0 110.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 1000 1300 1500 1700 1900 2100 2300 2500 2700 3000 Level (dBuV/m) Frequency (MHz) 03CH15-HY AVG_54 3m 91200_02294_230630 VERTICAL RBW:1000.000KHz VBW:10.000KHz SWT:Auto AVG_54



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

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



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH02 2404MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the spectrum and a red line representing the average (AVG_54). The frequency range is from 14470 to 14500 MHz, and the level range is from 10.0 to 140.0 dBuV/m. The average level is approximately 45 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the spectrum and a red line representing the average (AVG_54). The frequency range is from 14470 to 14500 MHz, and the level range is from 10.0 to 140.0 dBuV/m. The average level is approximately 45 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg	Horizontal spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the spectrum and a red line representing the average (AVG_54). The frequency range is from 17700 to 18000 MHz, and the level range is from 10.0 to 140.0 dBuV/m. The average level is approximately 45 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical spectrum plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the spectrum and a red line representing the average (AVG_54). The frequency range is from 17700 to 18000 MHz, and the level range is from 10.0 to 140.0 dBuV/m. The average level is approximately 45 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH38 2440MHz	
	Horizontal	Vertical
Peak Avg.	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 Level (dBuV/m) Date: 2023-11-05 Frequency (MHz) Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL :	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 Level (dBuV/m) Date: 2023-11-05 Frequency (MHz) Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL :

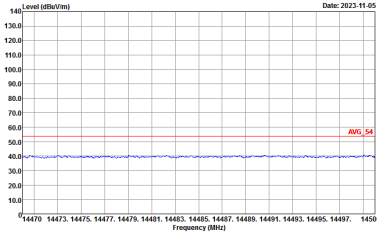
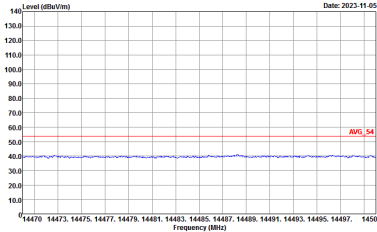
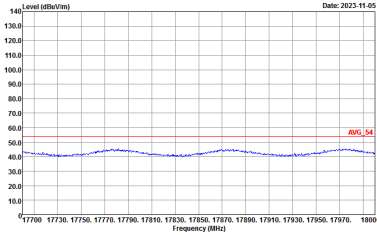
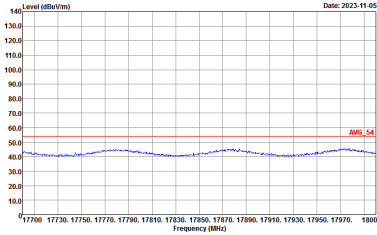


BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH38 2440MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	Horizontal plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 14470 to 14500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical plot showing Level (dBuV/m) vs Frequency (MHz) for 14.47G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 14470 to 14500 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL
17.7G ~18G Avg	Horizontal plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 17700 to 18000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL	Vertical plot showing Level (dBuV/m) vs Frequency (MHz) for 17.7G. The plot shows a blue line representing the signal level, which is relatively flat around 40 dBuV/m. A red line indicates the average level (AVG_54) at approximately 50 dBuV/m. The x-axis ranges from 17700 to 18000 MHz, and the y-axis ranges from 10.0 to 140.0 dBuV/m. Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL



BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH76 2478MHz	
	Horizontal	Vertical
Peak	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 Level (dBuV/m) Date: 2023-11-05 PEAK_74 AVG_54 Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 HORIZONTAL :	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 Level (dBuV/m) Date: 2023-11-05 PEAK_74 AVG_54 Site : 03CH15-1FY Condition : PEAK_74 3m 91200_02294_230630 VERTICAL :



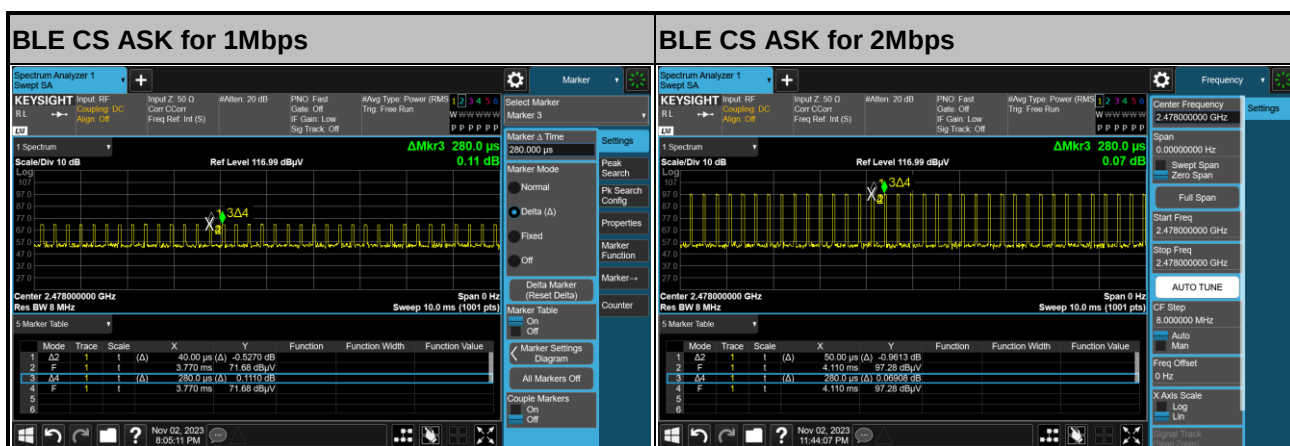
BLE	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
	BLE CH76 2478MHz	
	Horizontal	Vertical
14.47G ~14.5G Avg.	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL :	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL :
	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 HORIZONTAL :	 Site : 03CH15-HY Condition : AVG_54 3m 91200_02294_230630 VERTICAL :



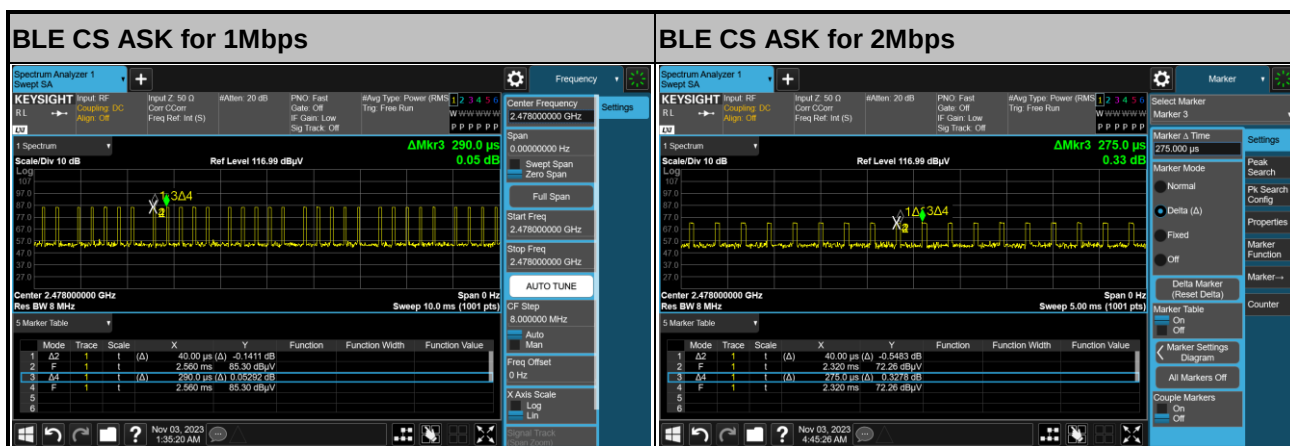
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
3	BLE CS ASK for 1Mbps	14.29	40	25.00	10kHz
3	BLE CS ASK for 2Mbps	17.86	50	20.00	10kHz
4	BLE CS ASK for 1Mbps	13.79	40	25.00	10kHz
4	BLE CS ASK for 2Mbps	14.55	40	25.00	10kHz

<Ant.3>



<Ant.4>



—THE END—