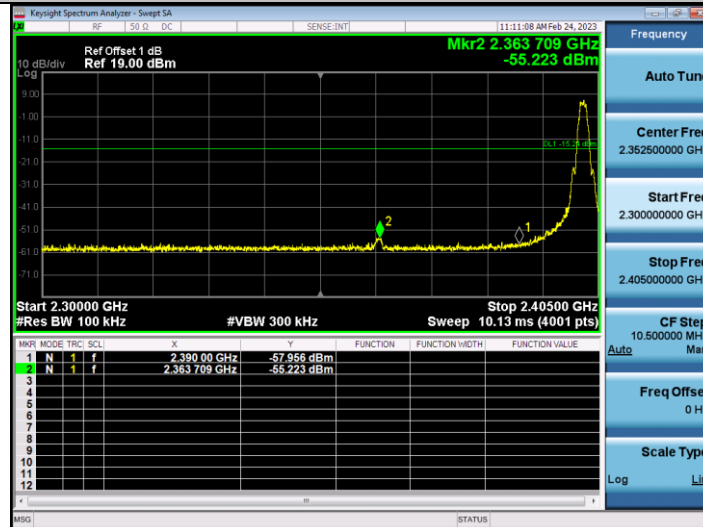
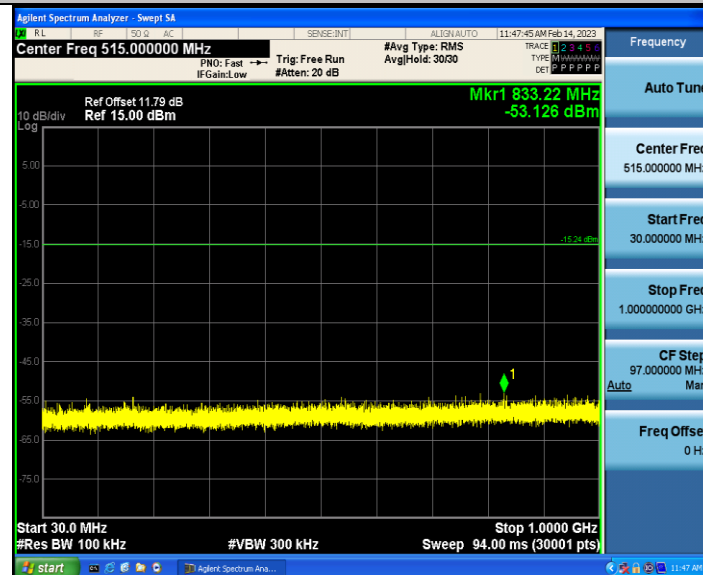


Mode2_2402_2300~2405



Mode2_2402_30~1000



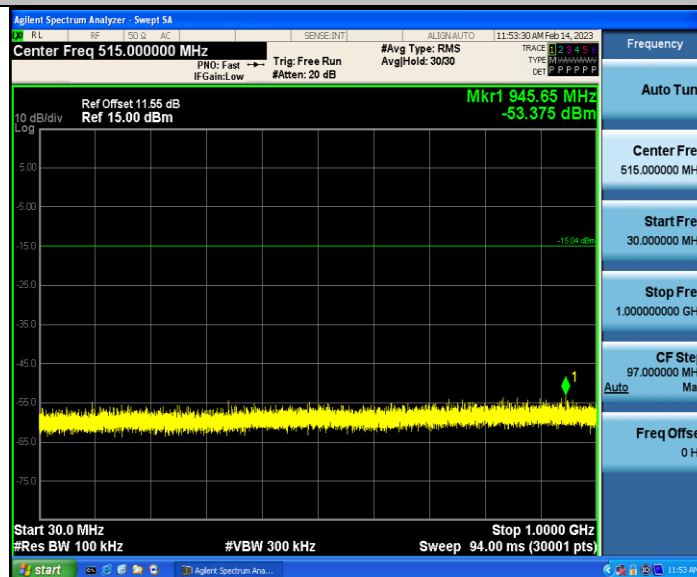
Mode2_2402_1000~26500



Mode2_2440_0~Reference



Mode2_2440_30~1000



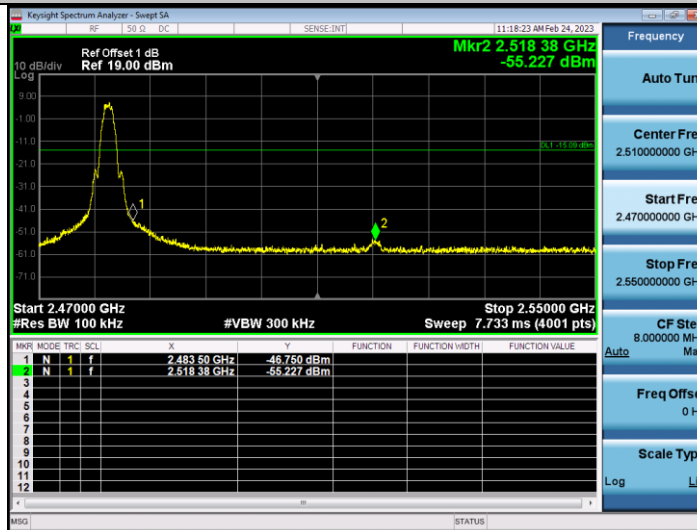
Mode2_2440_1000~26500



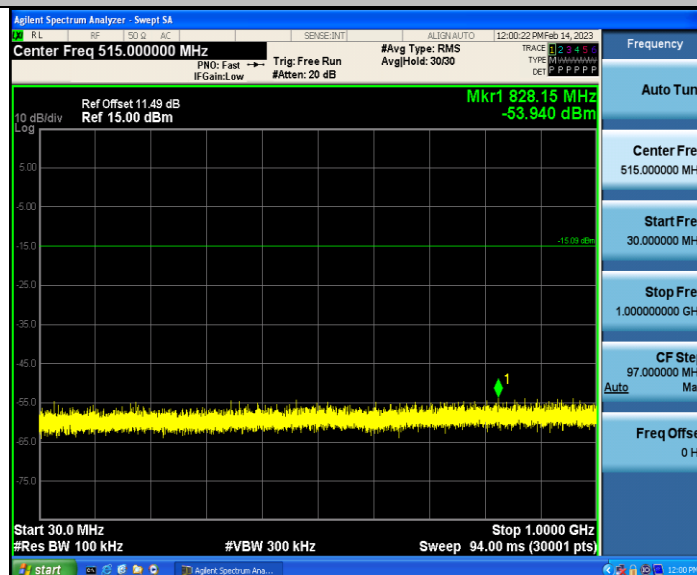
Mode2_2480_0~Reference



Mode2_2480_2470~2550



Mode2_2480_30~1000



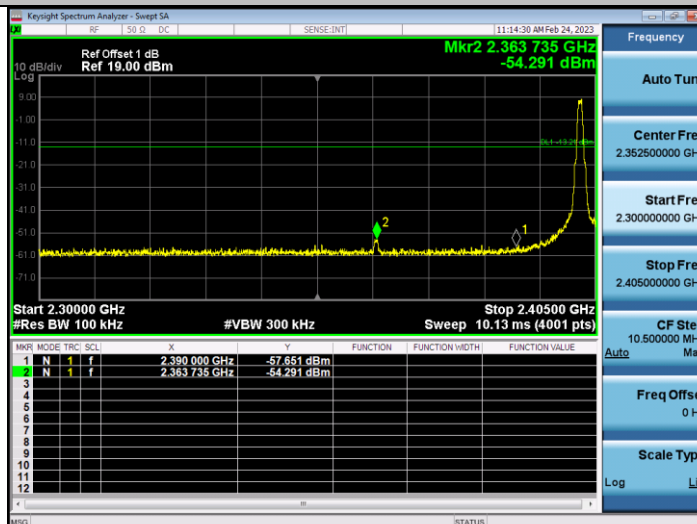
Mode2_2480_1000~26500



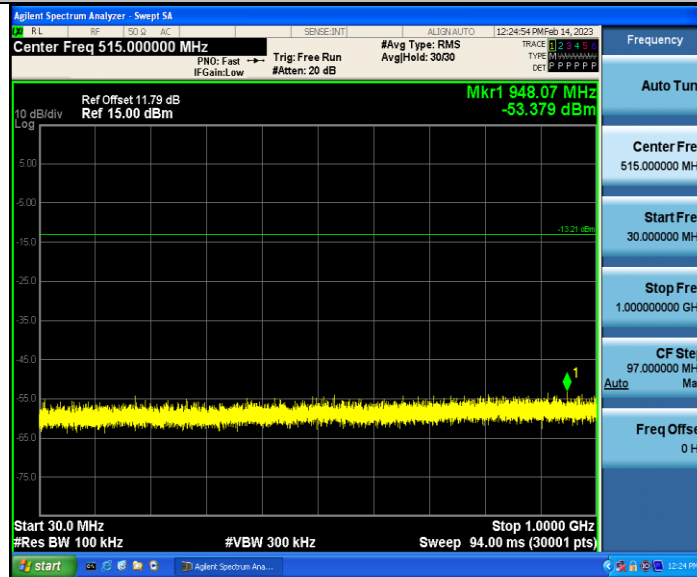
Mode3_2402_0~Reference



Mode3_2402_2300~2405



Mode3_2402_30~1000



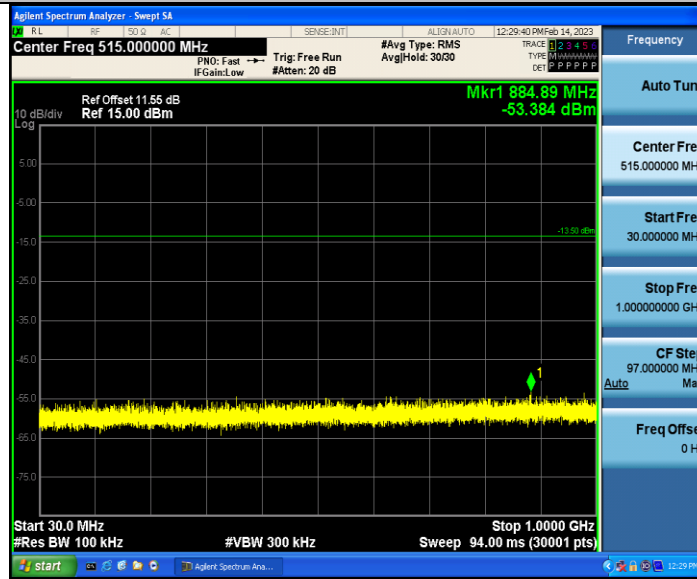
Mode3_2402_1000~26500



Mode3_2440_0~Reference



Mode3_2440_30~1000



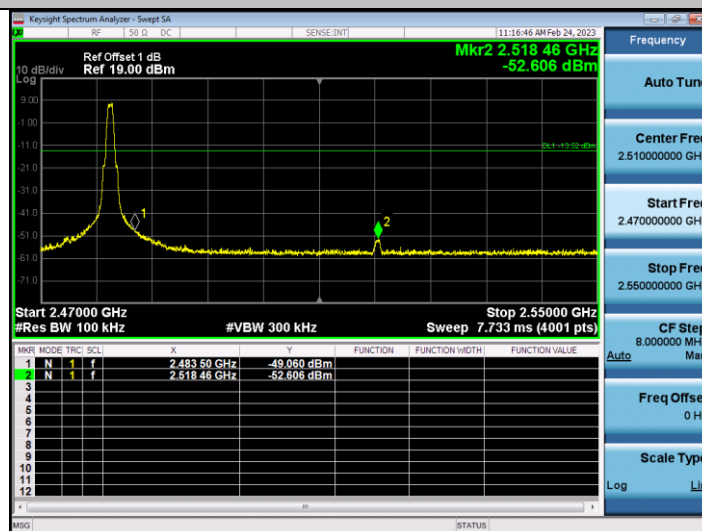
Mode3_2440_1000~26500



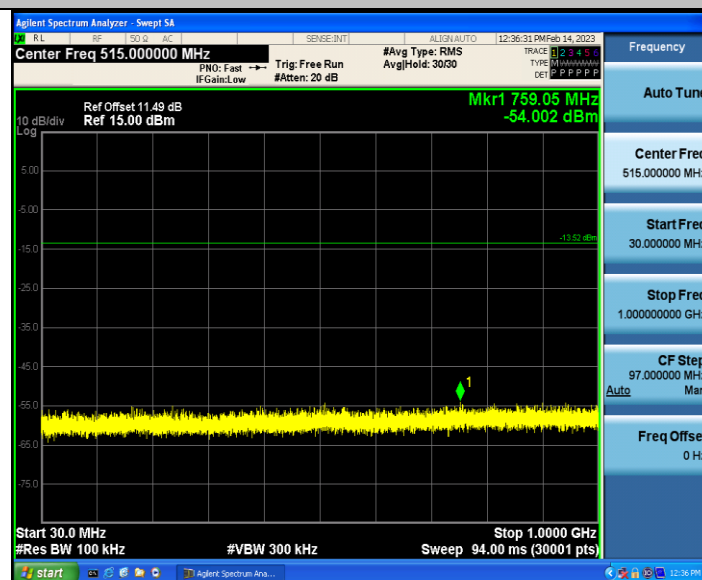
Mode3_2480_0~Reference



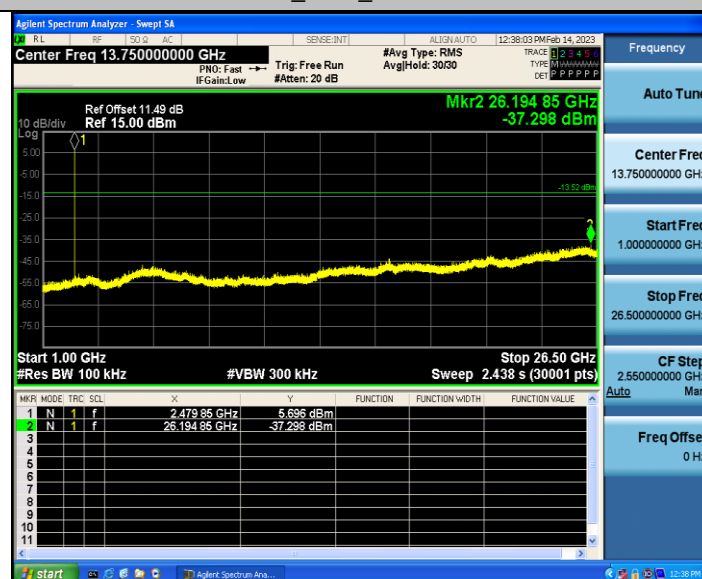
Mode3_2480_2470~2550



Mode3_2480_30~1000



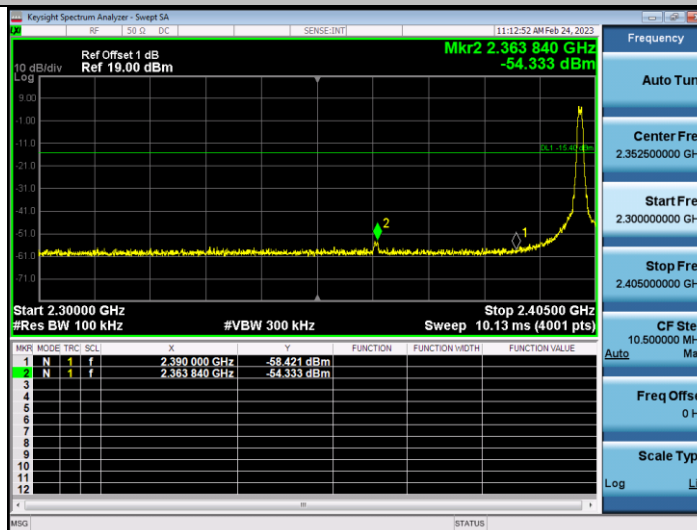
Mode3_2480_1000~26500



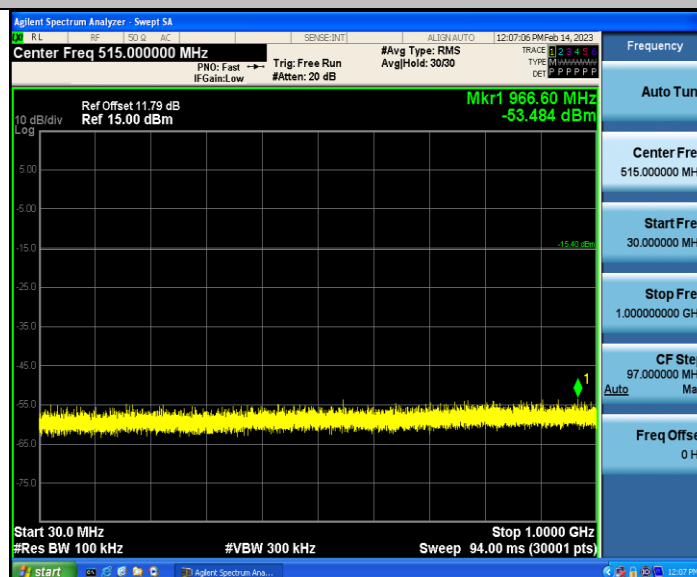
Mode4_2402_0~Reference



Mode4_2402_2300~2405



Mode4_2402_30~1000



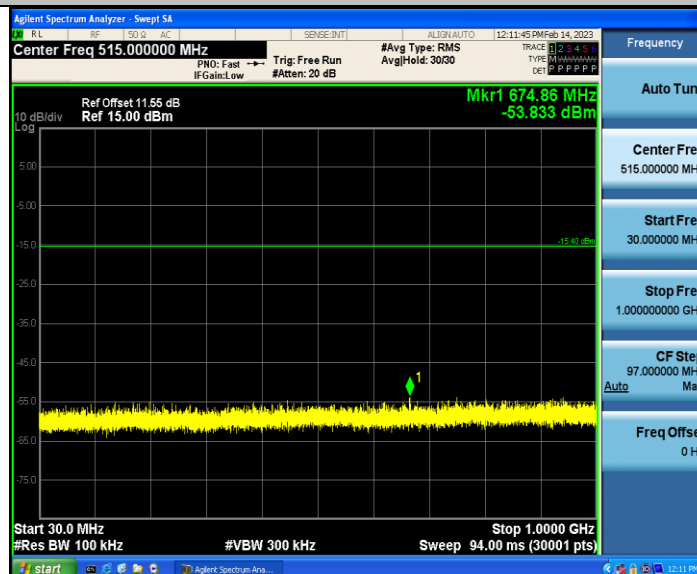
Mode4_2402_1000~26500



Mode4_2440_0~Reference



Mode4_2440_30~1000



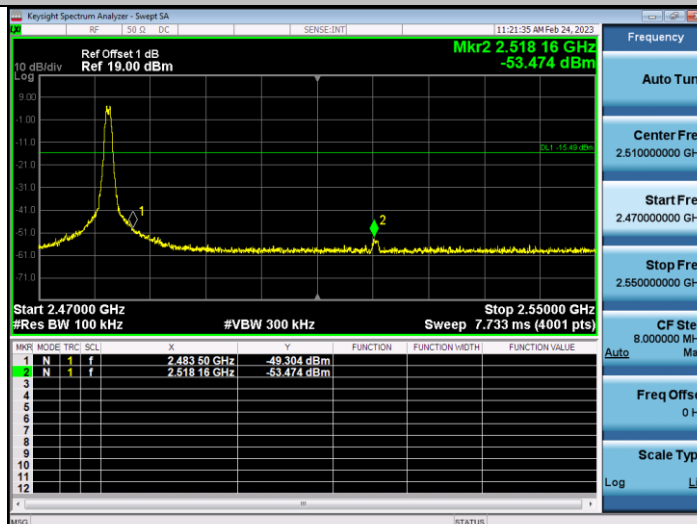
Mode4_2440_1000~26500



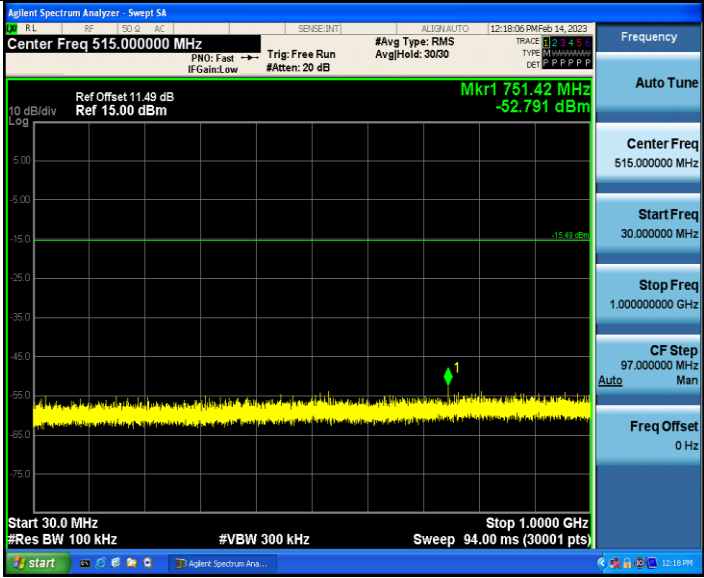
Mode4_2480_0~Reference



Mode4_2480_2470~2550



Mode4_2480_30~1000



Mode4_2480_1000~26500



Appendix G: Duty Cycle

Test Result

Test Mode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
Mode1	2402	N/A	N/A	100
	2440	N/A	N/A	100
	2480	N/A	N/A	100
Mode2	2402	N/A	N/A	100
	2440	N/A	N/A	100
	2480	N/A	N/A	100
Mode3	2402	N/A	N/A	100
	2440	N/A	N/A	100
	2480	N/A	N/A	100
Mode4	2402	N/A	N/A	100
	2440	N/A	N/A	100
	2480	N/A	N/A	100

Test Graphs

Mode1_2402



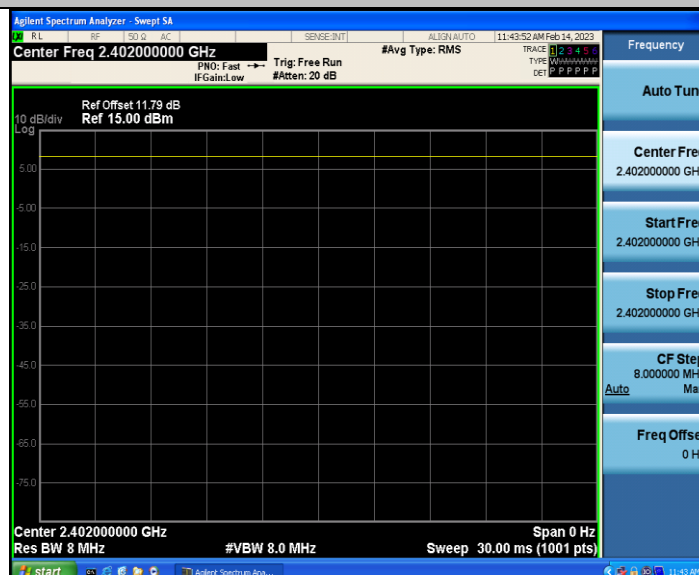
Mode1_2440



Mode1_2480



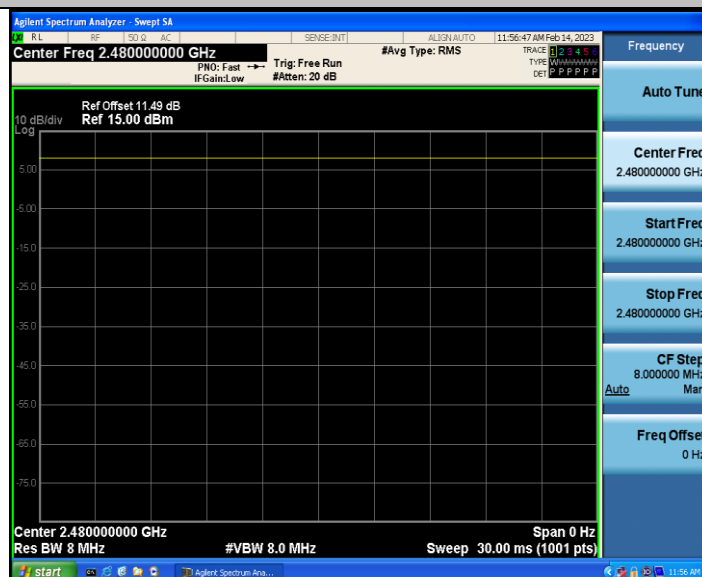
Mode2_2402



Mode2_2440



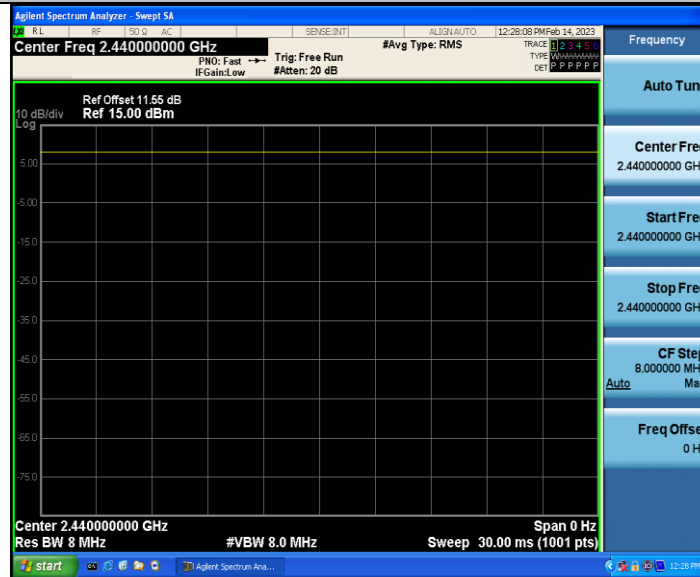
Mode2_2480



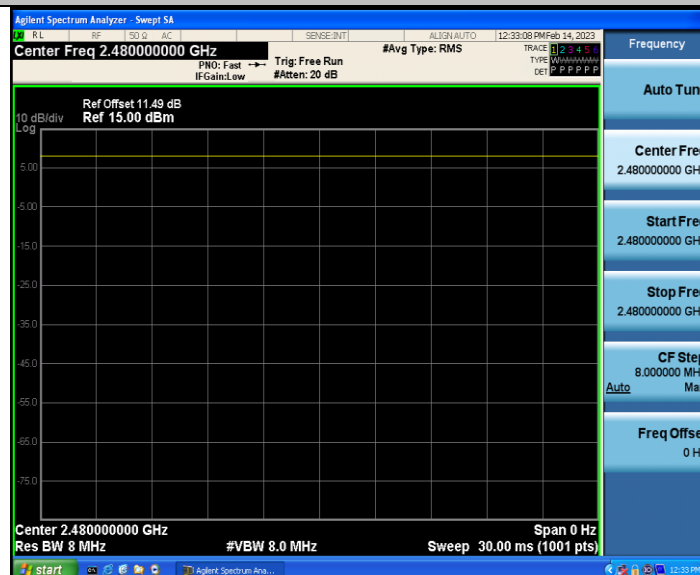
Mode3_2402



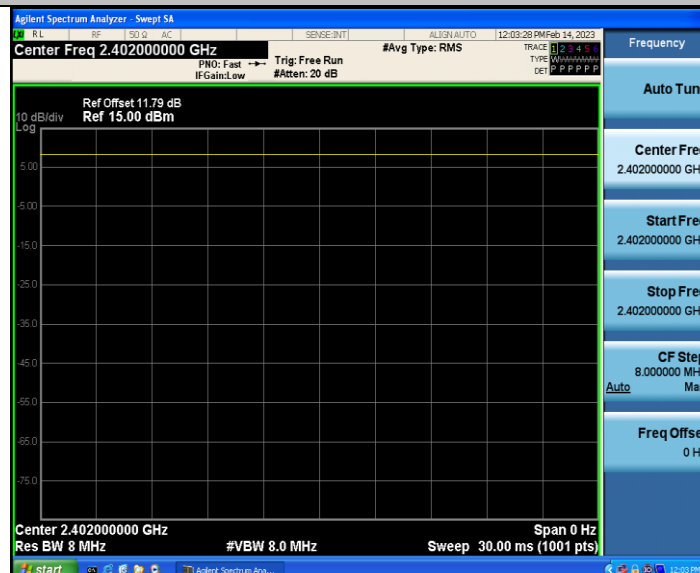
Mode3_2440



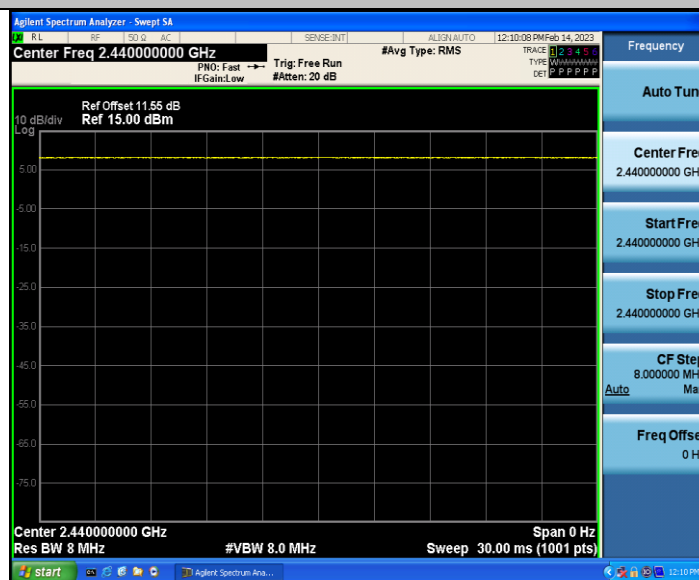
Mode3_2480



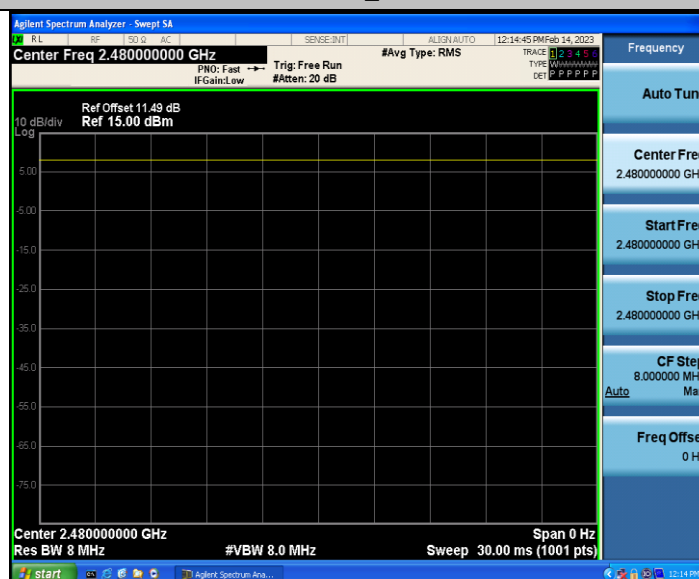
Mode4_2402



Mode4_2440



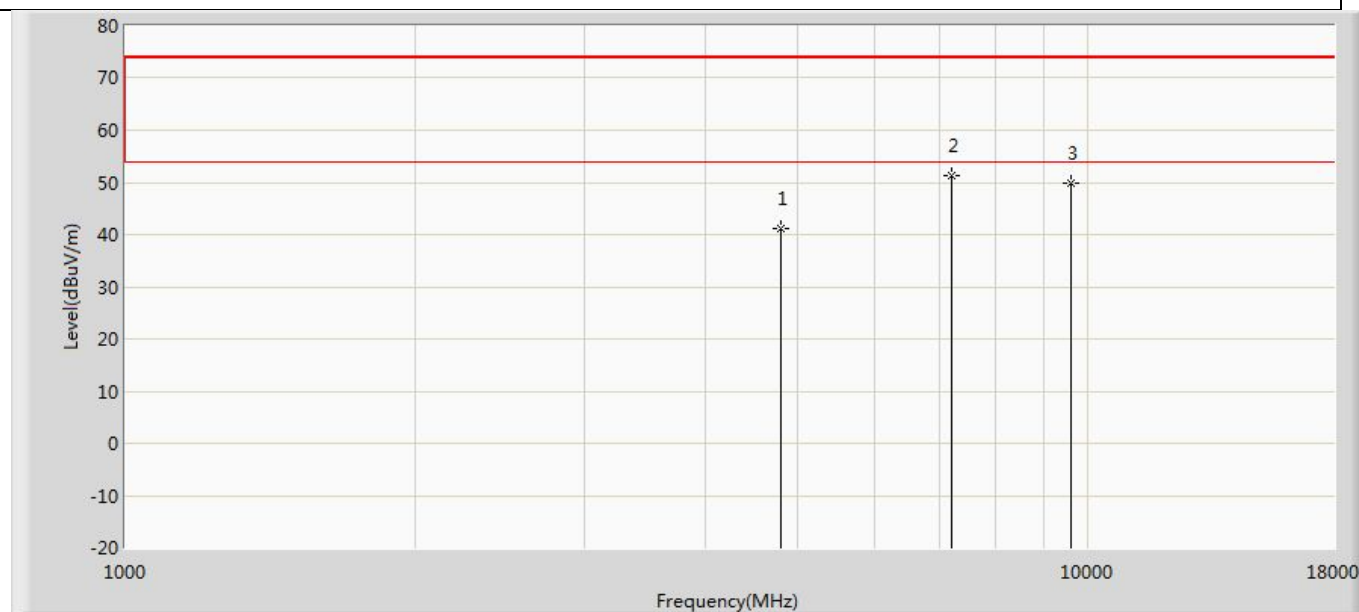
Mode4_2480



Appendix H: Emissions in Restricted Bands

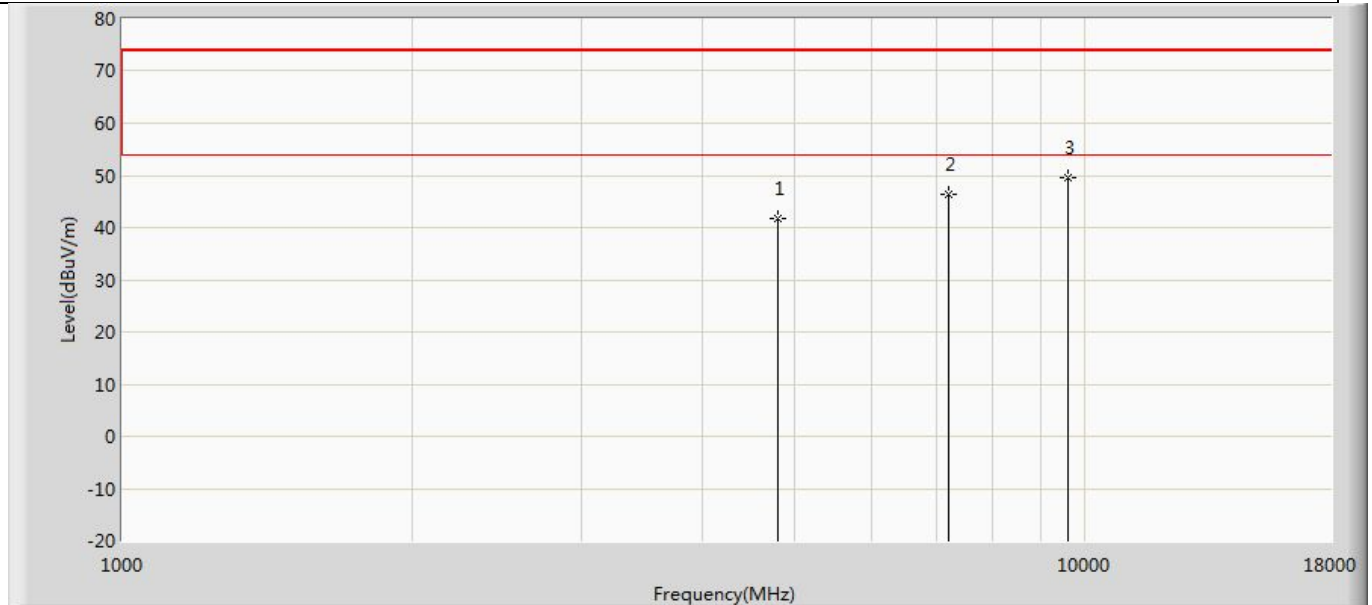
Test Result

Profile: 2320237R	Page No.: 31
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: LED Lamp	Power: 12Vac
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



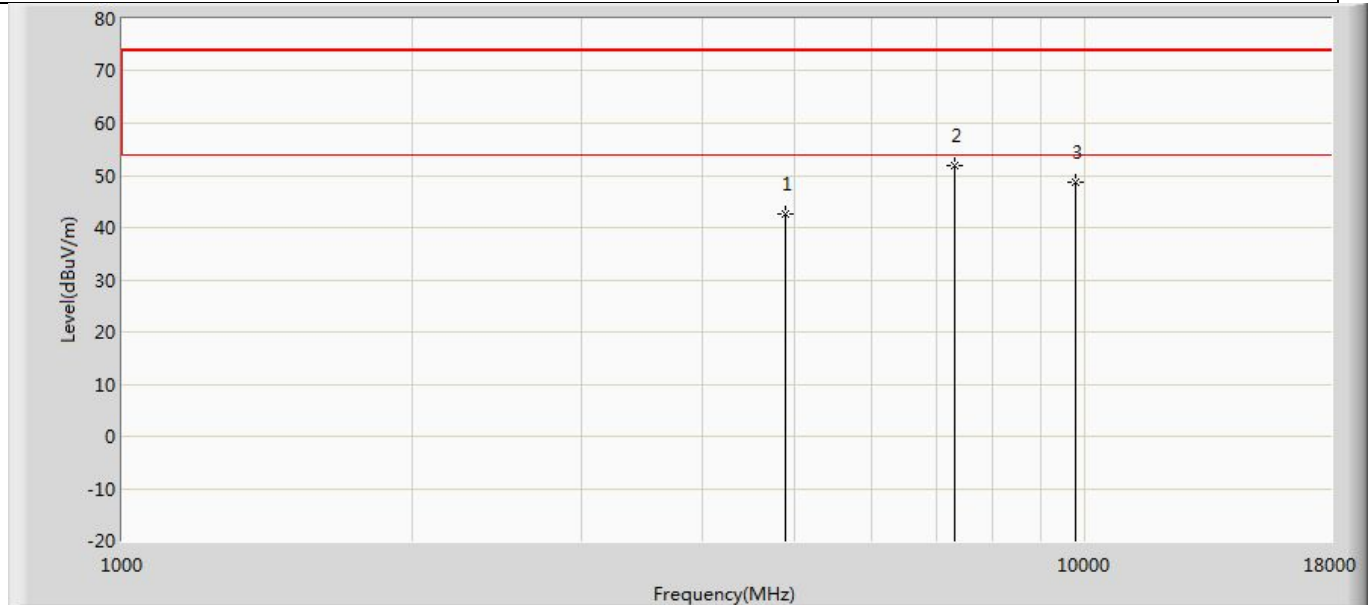
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.256	55.923	-32.744	74.000	-14.667	PK
2	*	7205.000	51.247	60.956	-22.753	74.000	-9.710	PK
3		9608.000	49.853	55.488	-24.147	74.000	-5.635	PK

Profile: 2320237R	Page No.: 32
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: LED Lamp	Power: 12Vac
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



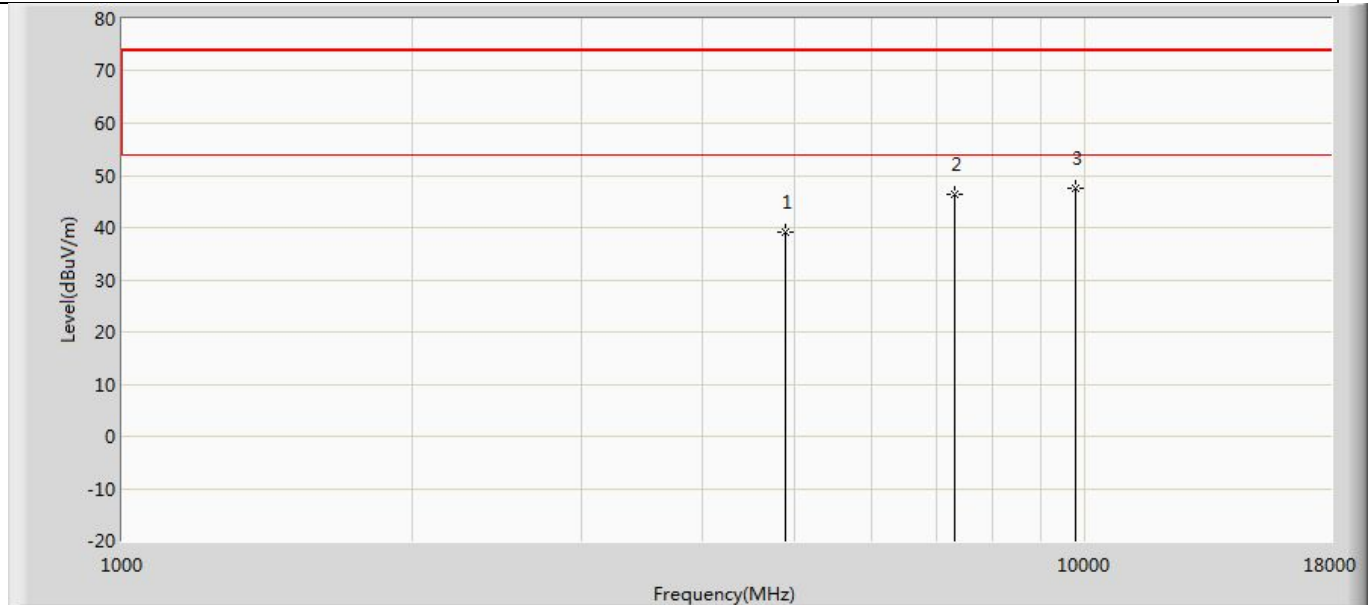
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.709	56.376	-32.291	74.000	-14.667	PK
2		7206.000	46.334	56.050	-27.666	74.000	-9.716	PK
3	*	9608.000	49.630	55.265	-24.370	74.000	-5.635	PK

Profile: 2320237R	Page No.: 33
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: LED Lamp	Power: 12Vac
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



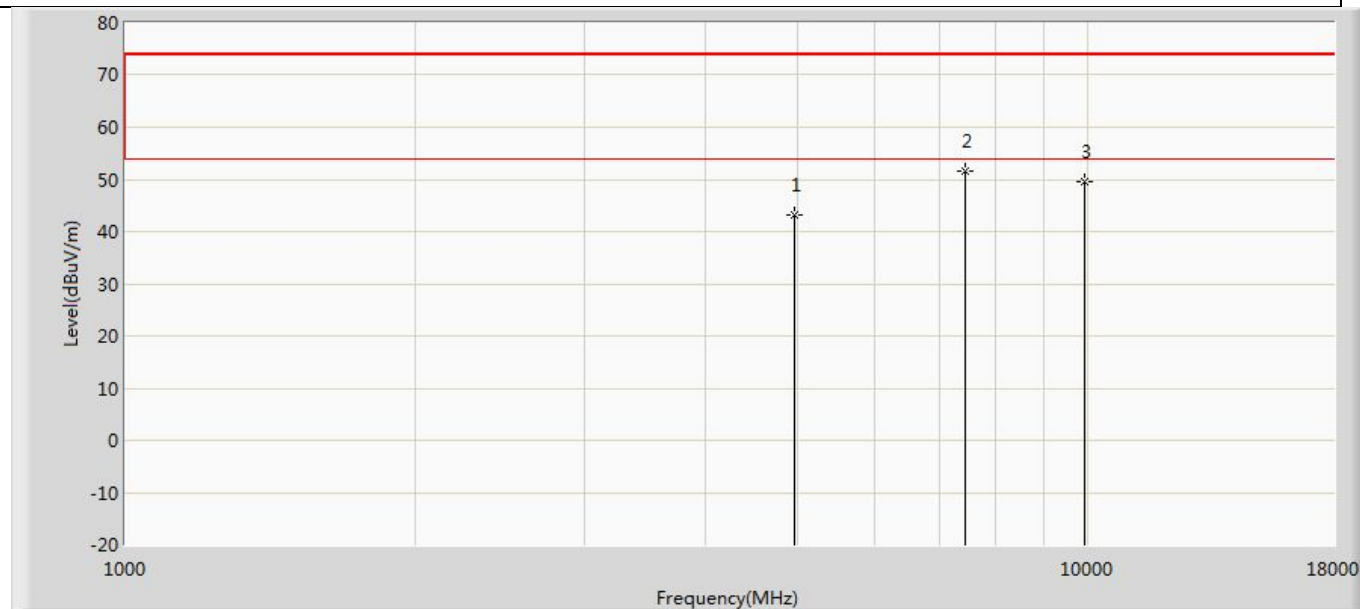
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	42.544	56.838	-31.456	74.000	-14.294	PK
2	*	7324.000	51.813	61.539	-22.187	74.000	-9.726	PK
3		9760.000	48.800	54.351	-25.200	74.000	-5.550	PK

Profile: 2320237R	Page No.: 34
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: LED Lamp	Power: 12Vac
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



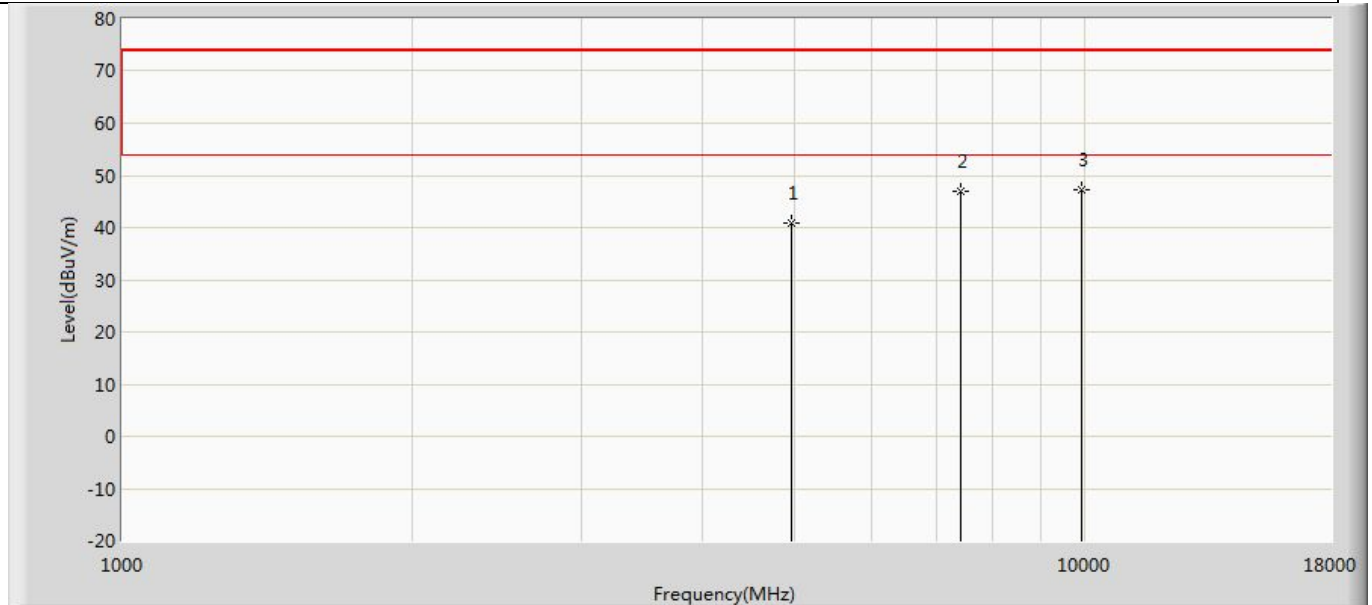
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	39.095	53.389	-34.905	74.000	-14.294	PK
2		7320.000	46.379	56.111	-27.621	74.000	-9.732	PK
3	*	9760.000	47.405	52.956	-26.595	74.000	-5.550	PK

Profile: 2320237R	Page No.: 35
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: LED Lamp	Power: 12Vac
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.283	57.434	-30.717	74.000	-14.151	PK
2	*	7443.000	51.601	61.021	-22.399	74.000	-9.421	PK
3		9920.000	49.438	54.350	-24.562	74.000	-4.913	PK

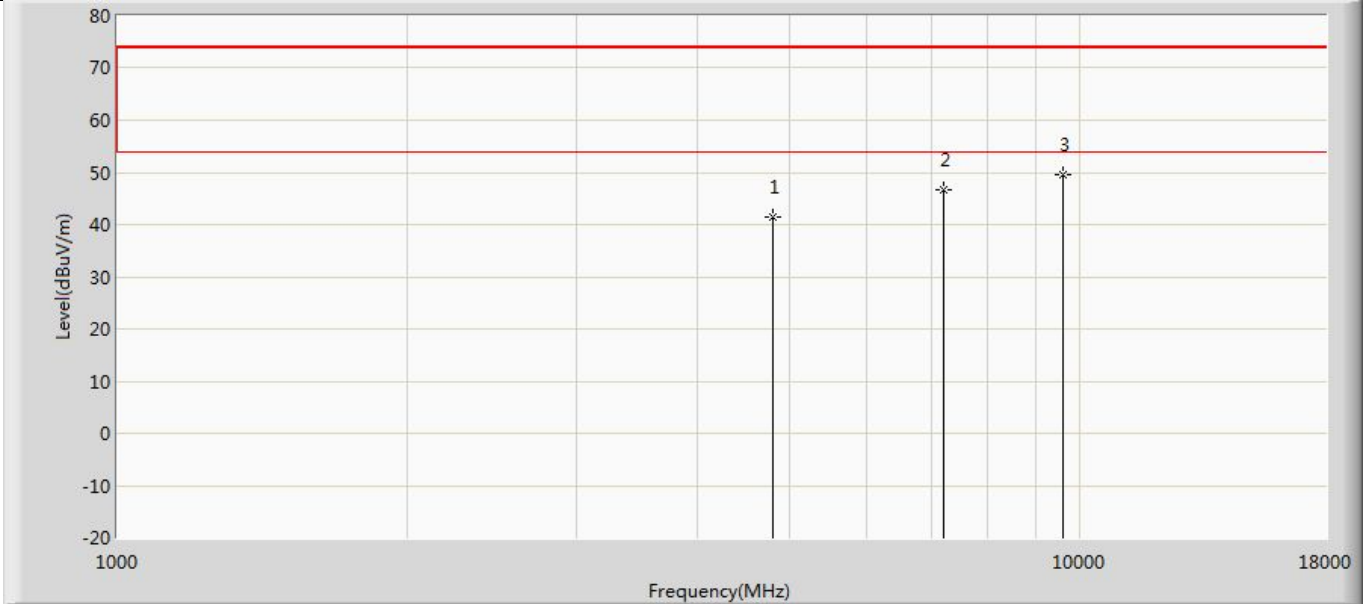
Profile: 2320237R	Page No.: 36
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: LED Lamp	Power: 12Vac
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	40.849	55.000	-33.151	74.000	-14.151	PK
2		7440.000	47.081	56.443	-26.919	74.000	-9.362	PK
3	*	9920.000	47.145	52.057	-26.855	74.000	-4.913	PK

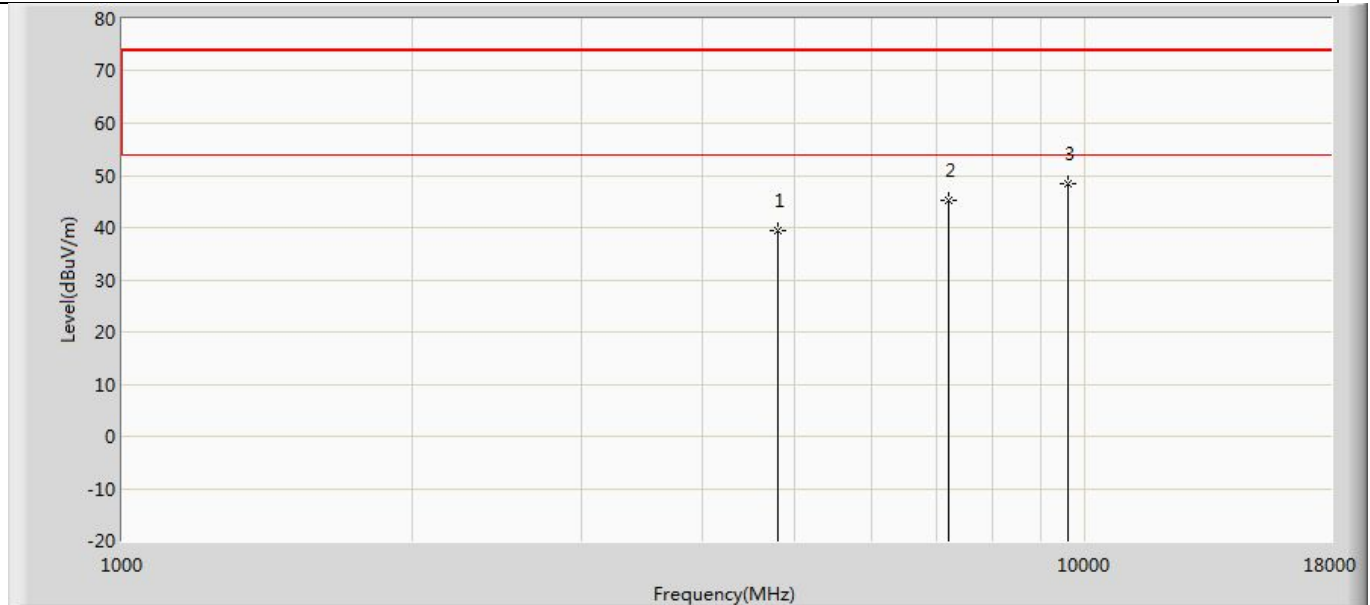


Profile: 2320237R	Page No.: 37
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: LED Lamp	Power: 12Vac
Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps	



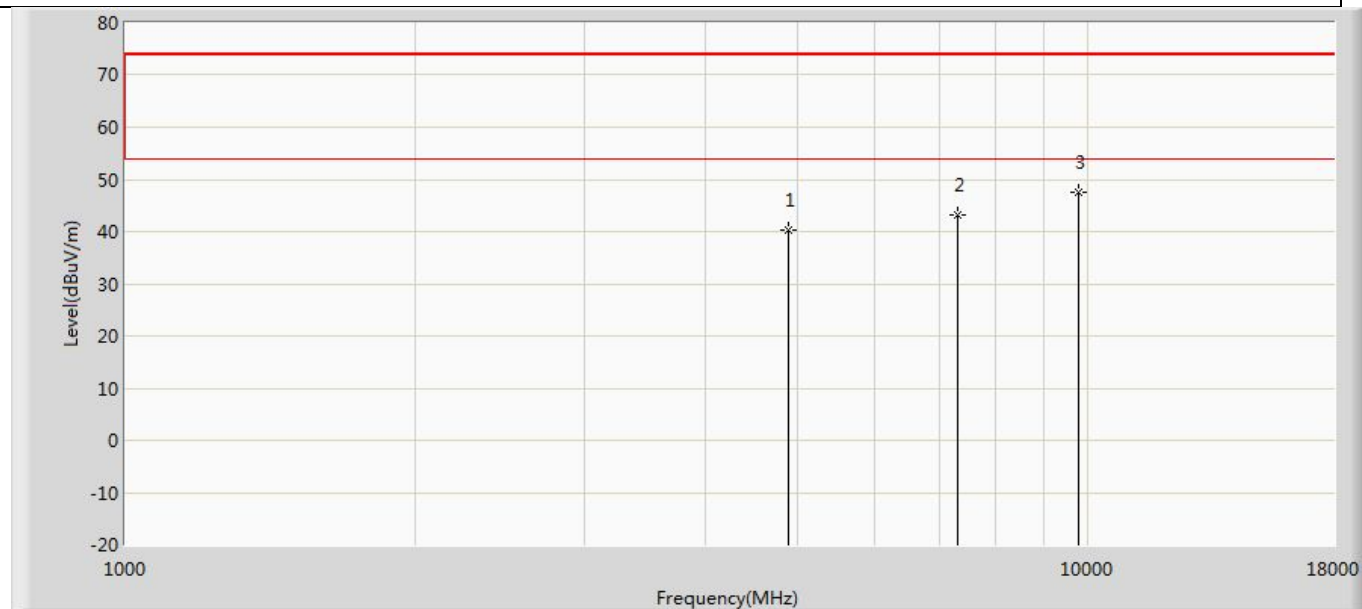
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.491	56.158	-32.509	74.000	-14.667	PK
2		7206.000	46.626	56.342	-27.374	74.000	-9.716	PK
3	*	9608.000	49.647	55.282	-24.353	74.000	-5.635	PK

Profile: 2320237R	Page No.: 38
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Vertical
EUT: LED Lamp	Power: 12Vac
Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.352	54.019	-34.648	74.000	-14.667	PK
2		7206.000	45.078	54.794	-28.922	74.000	-9.716	PK
3	*	9608.000	48.504	54.139	-25.496	74.000	-5.635	PK

Profile: 2320237R	Page No.: 39
Engineer: Yu Liu	
Site: AC5	Time: 2023/02/21 - 22:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)2022	Polarity: Horizontal
EUT: LED Lamp	Power: 12Vac
Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	40.333	54.627	-33.667	74.000	-14.294	PK
2		7320.000	43.308	53.040	-30.692	74.000	-9.732	PK
3	*	9760.000	47.657	53.208	-26.343	74.000	-5.550	PK