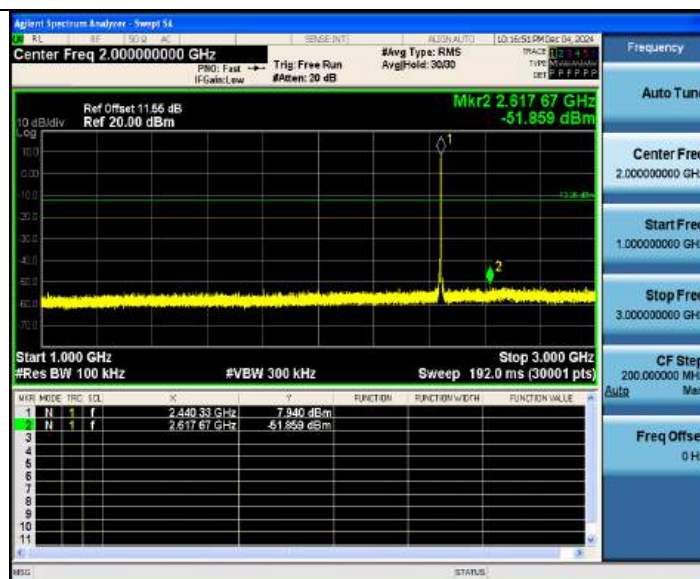
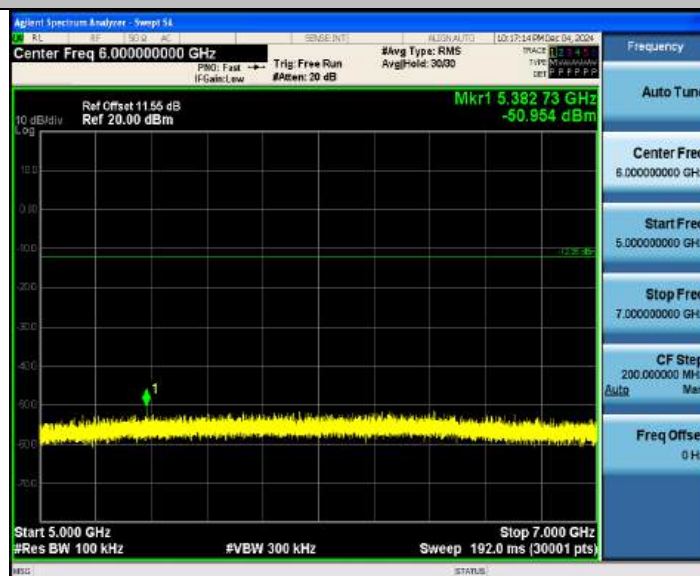




BLE_2M_Ant1_2440_3000~5000



BLE_2M_Ant1_2440_5000~7000



BLE_2M_Ant1_2440_7000~9000



BLE_2M_Ant1_2440_9000~11000



BLE_2M_Ant1_2440_11000~13000



BLE_2M_Ant1_2440_13000~15000



BLE_2M_Ant1_2440_15000~17000



BLE_2M_Ant1_2440_17000~19000



BLE_2M_Ant1_2440_19000~21000



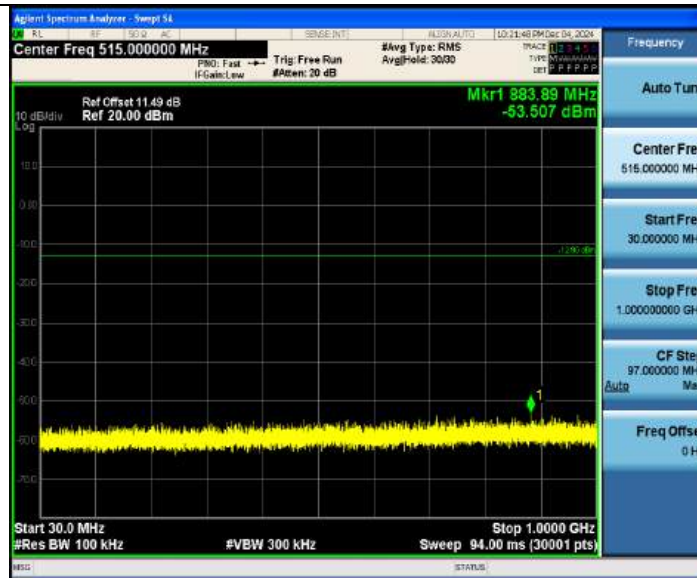
BLE_2M_Ant1_2440_21000~23000



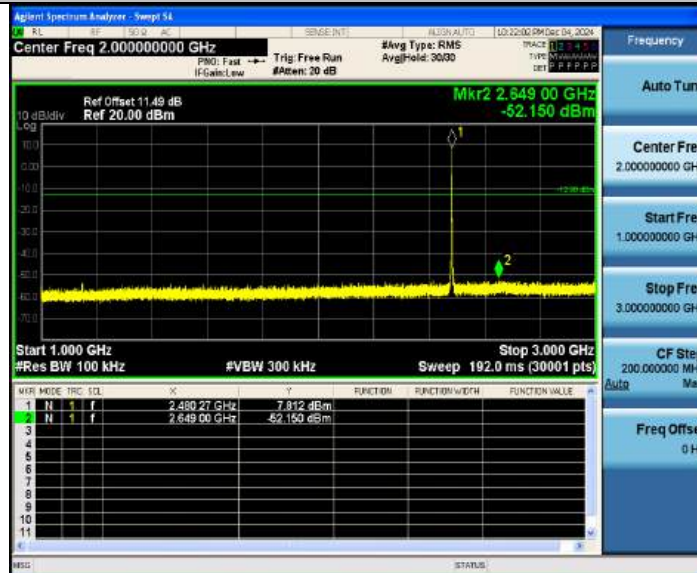
BLE_2M_Ant1_2440_23000~25000



BLE_2M_Ant1_2480_30~1000



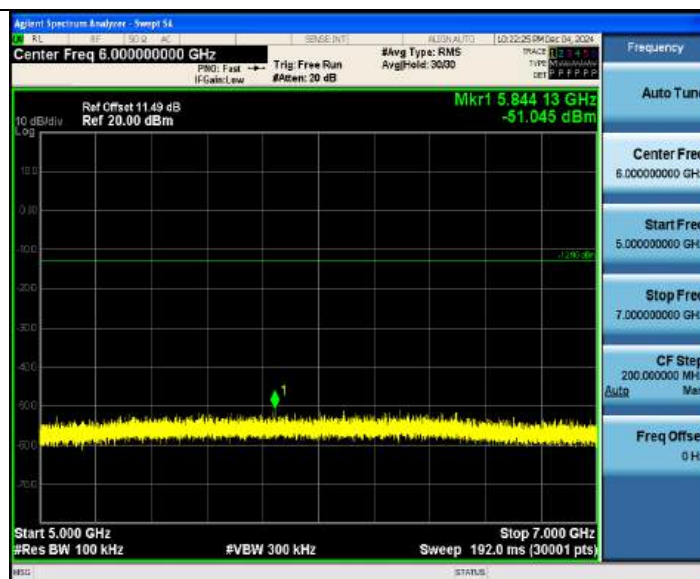
BLE_2M_Ant1_2480_1000~3000



BLE_2M_Ant1_2480_3000~5000



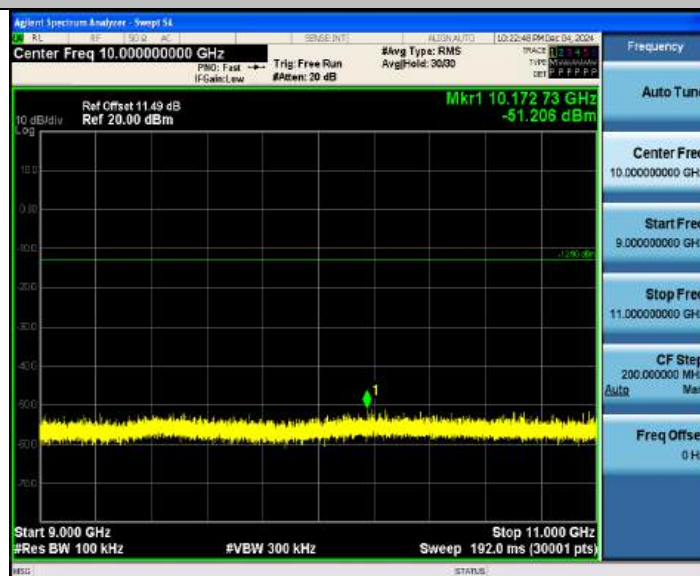
BLE_2M_Ant1_2480_5000~7000



BLE_2M_Ant1_2480_7000~9000



BLE_2M_Ant1_2480_9000~11000



BLE_2M_Ant1_2480_11000~13000



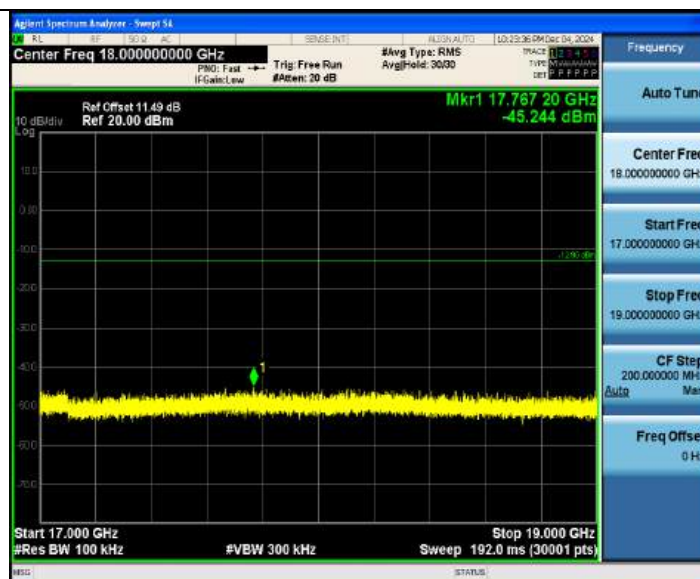
BLE_2M_Ant1_2480_13000~15000



BLE_2M_Ant1_2480_15000~17000



BLE_2M_Ant1_2480_17000~19000



BLE_2M_Ant1_2480_19000~21000



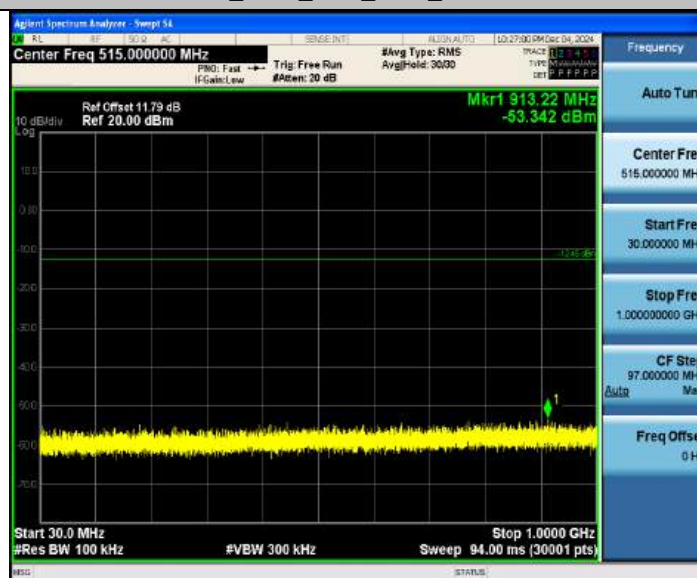
BLE_2M_Ant1_2480_21000~23000



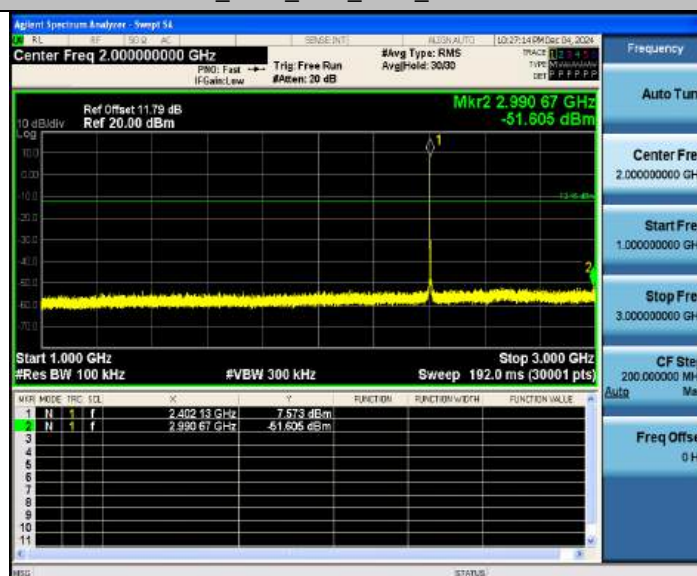
BLE_2M_Ant1_2480_23000~25000



BLE_125K_Ant1_2402_30~1000



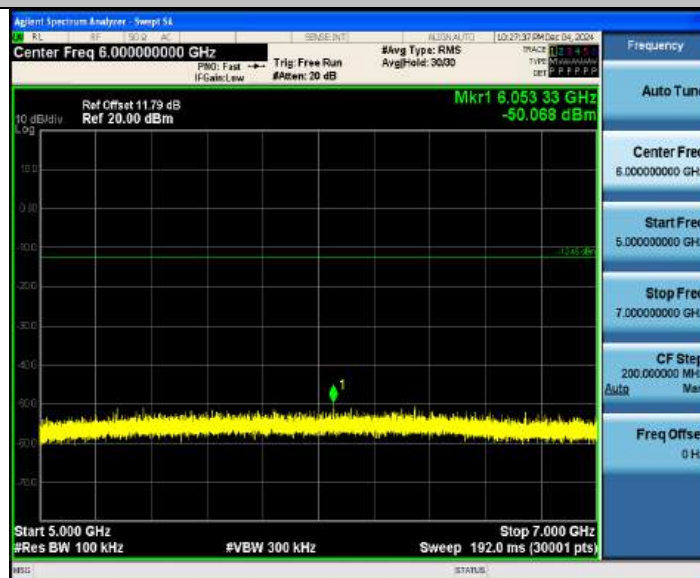
BLE_125K_Ant1_2402_1000~3000



BLE_125K_Ant1_2402_3000~5000



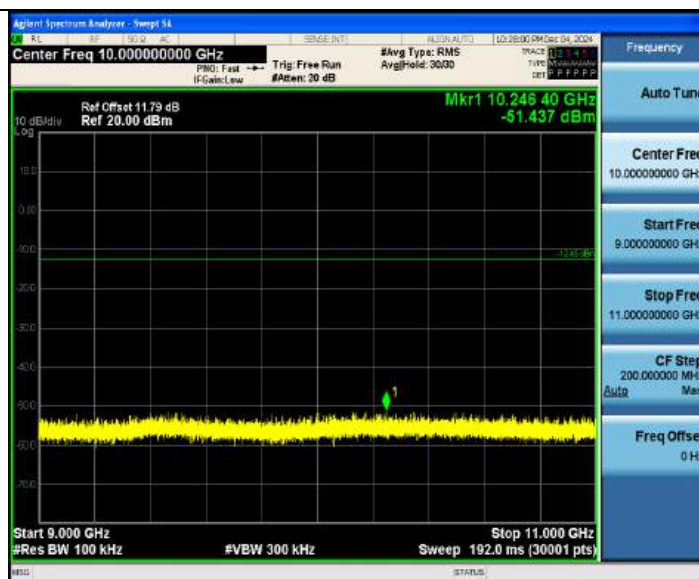
BLE_125K_Ant1_2402_5000~7000



BLE_125K_Ant1_2402_7000~9000



BLE_125K_Ant1_2402_9000~11000



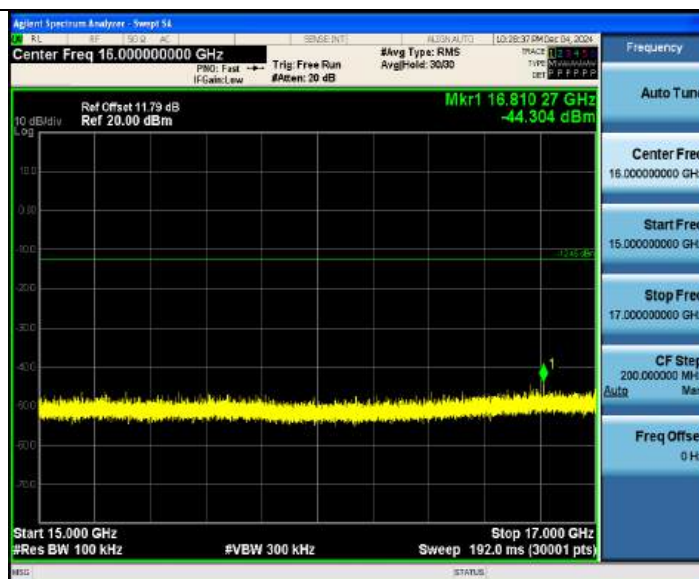
BLE_125K_Ant1_2402_11000~13000



BLE_125K_Ant1_2402_13000~15000



BLE_125K_Ant1_2402_15000~17000



BLE_125K_Ant1_2402_17000~19000



BLE_125K_Ant1_2402_19000~21000



BLE_125K_Ant1_2402_21000~23000



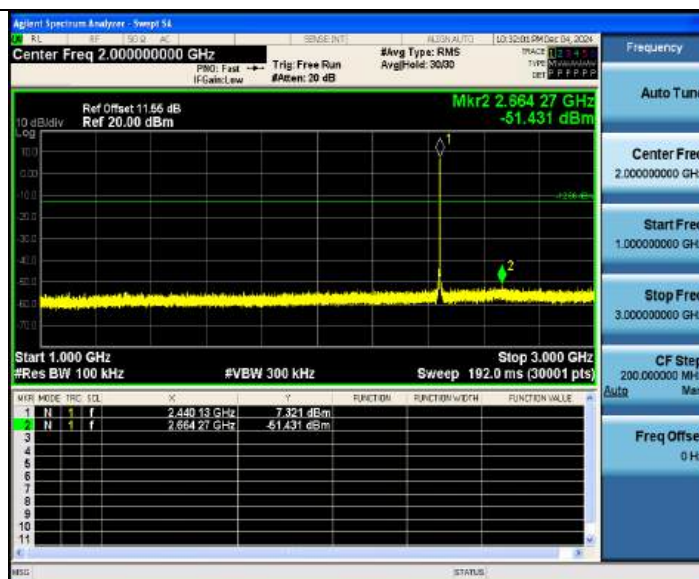
BLE_125K_Ant1_2402_23000~25000



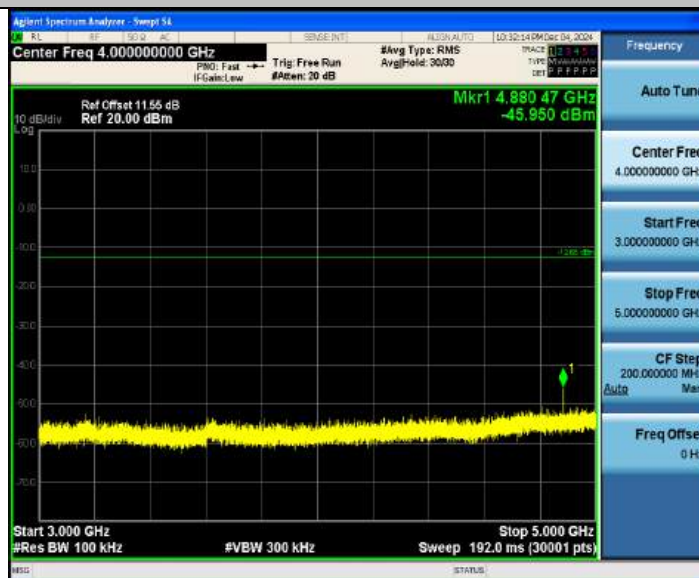
BLE_125K_Ant1_2440_30~1000



BLE_125K_Ant1_2440_1000~3000



BLE_125K_Ant1_2440_3000~5000



BLE_125K_Ant1_2440_5000~7000



BLE_125K_Ant1_2440_7000~9000



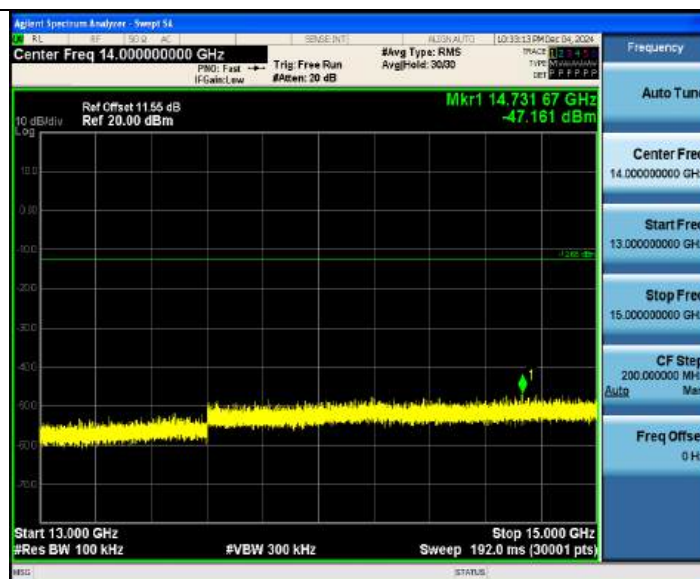
BLE_125K_Ant1_2440_9000~11000



BLE_125K_Ant1_2440_11000~13000



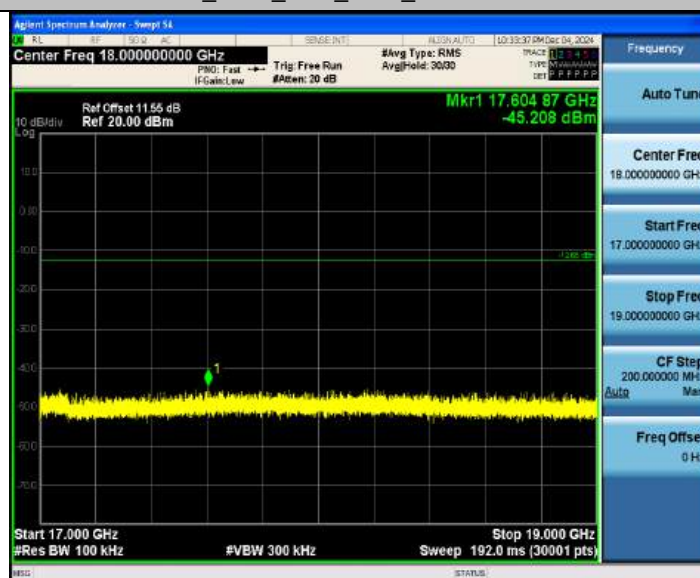
BLE_125K_Ant1_2440_13000~15000



BLE_125K_Ant1_2440_15000~17000



BLE_125K_Ant1_2440_17000~19000



BLE_125K_Ant1_2440_19000~21000



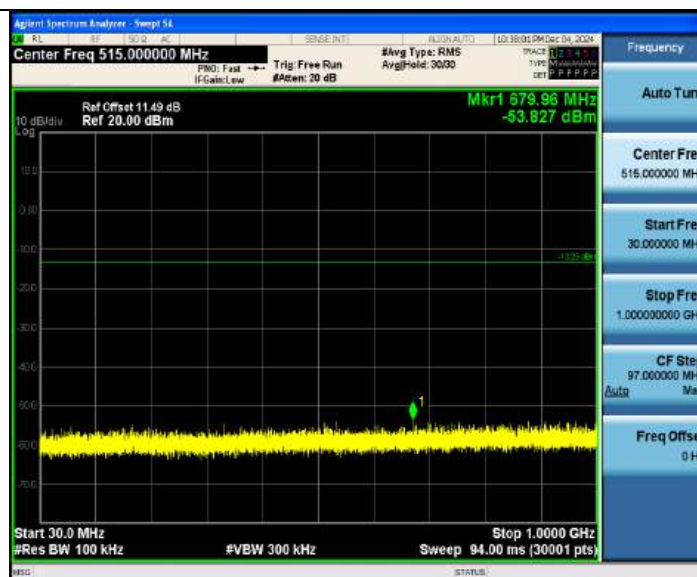
BLE_125K_Ant1_2440_21000~23000



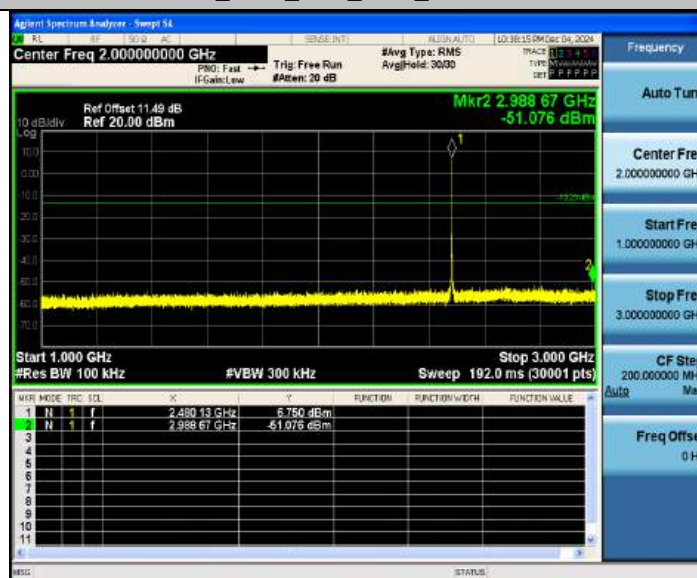
BLE_125K_Ant1_2440_23000~25000



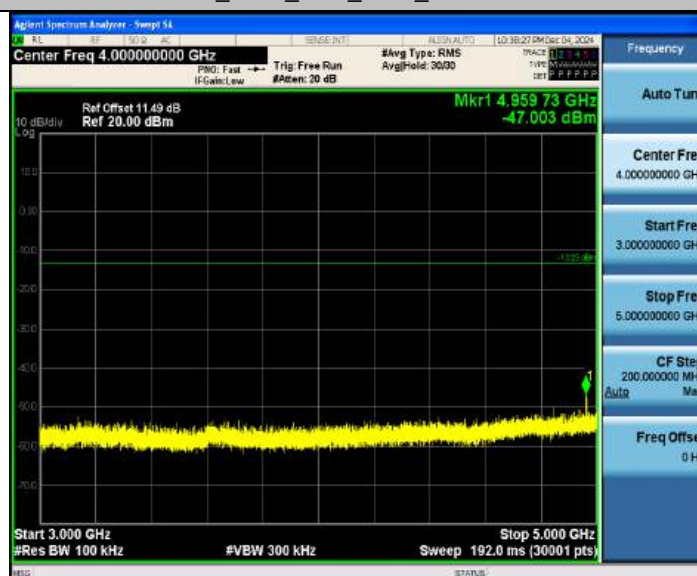
BLE_125K_Ant1_2480_30~1000



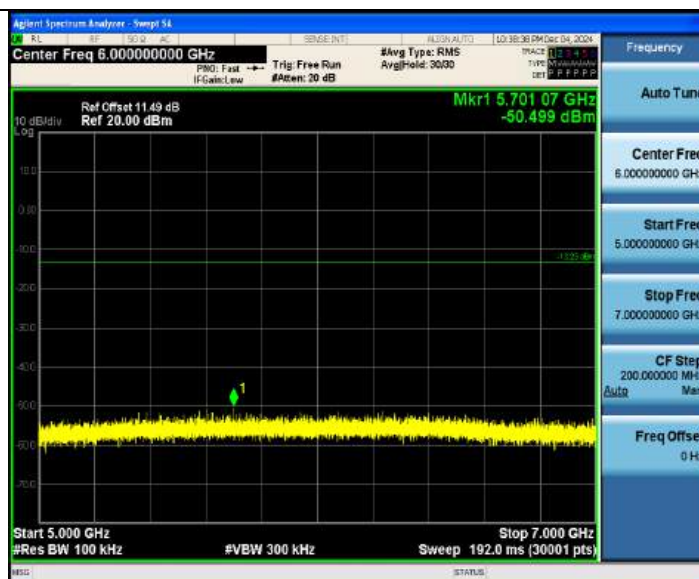
BLE_125K_Ant1_2480_1000~3000



BLE_125K_Ant1_2480_3000~5000



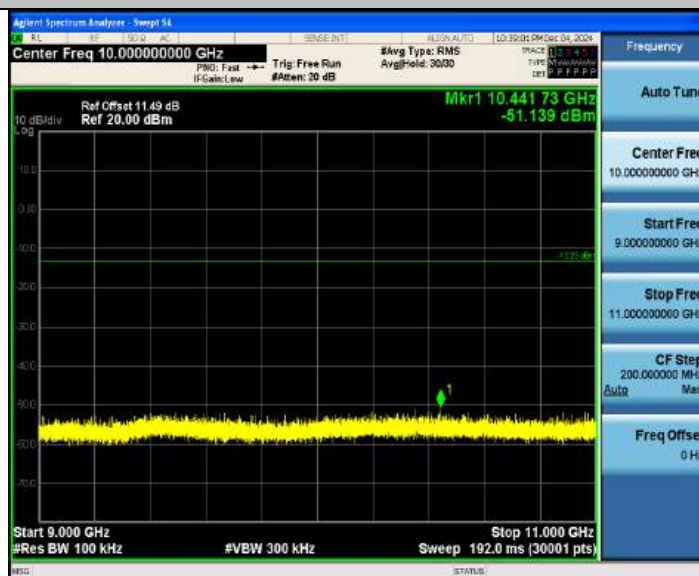
BLE_125K_Ant1_2480_5000~7000



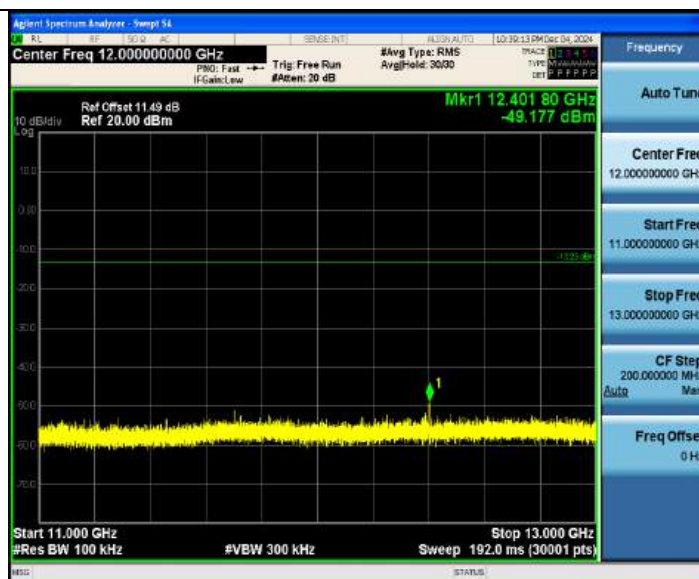
BLE_125K_Ant1_2480_7000~9000



BLE_125K_Ant1_2480_9000~11000



BLE_125K_Ant1_2480_11000~13000



BLE_125K_Ant1_2480_13000~15000



BLE_125K_Ant1_2480_15000~17000



BLE_125K_Ant1_2480_17000~19000



BLE_125K_Ant1_2480_19000~21000



BLE_125K_Ant1_2480_21000~23000



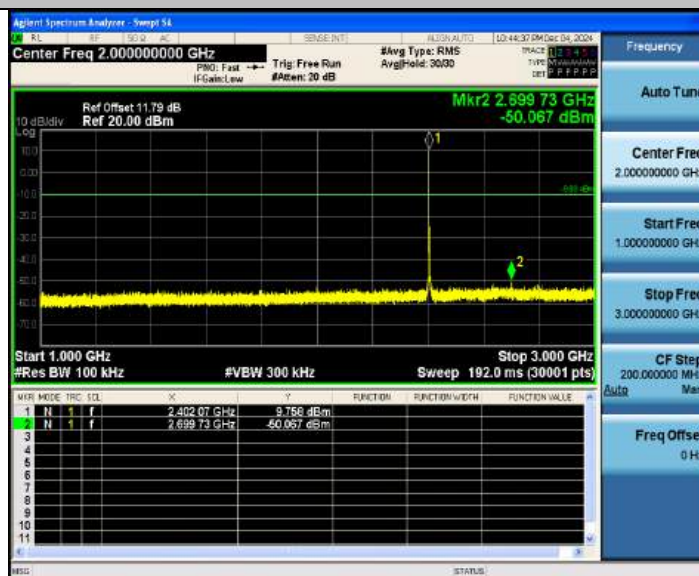
BLE_125K_Ant1_2480_23000~25000



BLE_500K_Ant1_2402_30~1000



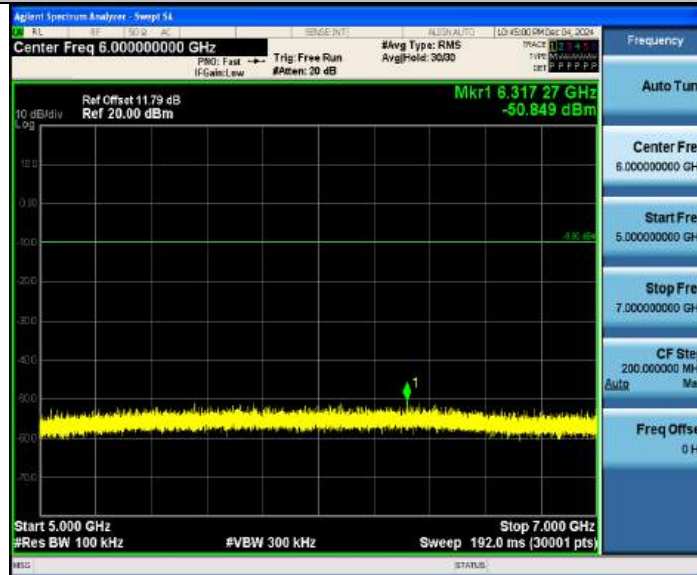
BLE_500K_Ant1_2402_1000~3000



BLE_500K_Ant1_2402_3000~5000



BLE_500K_Ant1_2402_5000~7000



BLE_500K_Ant1_2402_7000~9000



BLE_500K_Ant1_2402_9000~11000



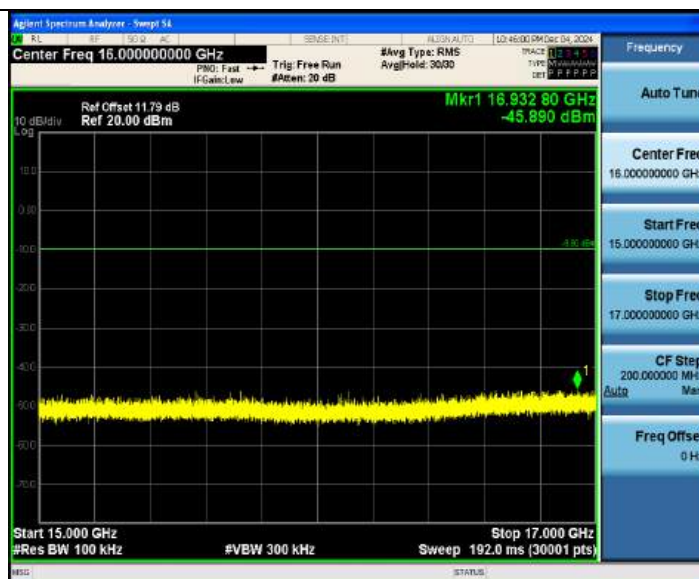
BLE_500K_Ant1_2402_11000~13000



BLE_500K_Ant1_2402_13000~15000



BLE_500K_Ant1_2402_15000~17000



BLE_500K_Ant1_2402_17000~19000



BLE_500K_Ant1_2402_19000~21000



BLE_500K_Ant1_2402_21000~23000



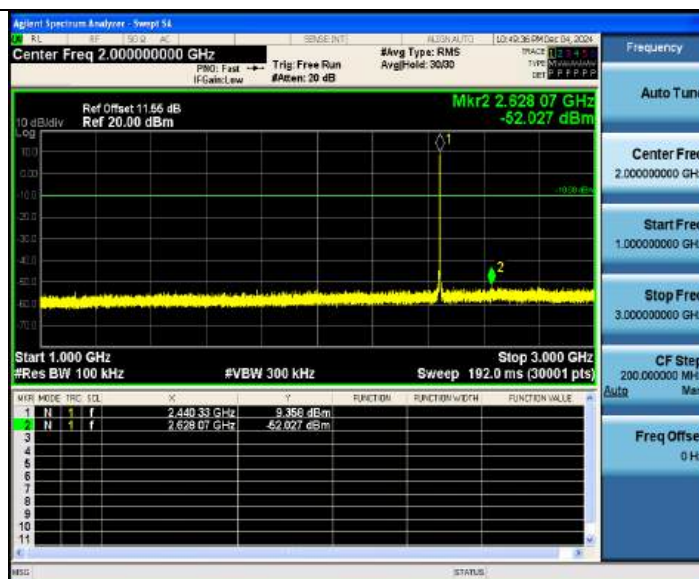
BLE_500K_Ant1_2402_23000~25000



BLE_500K_Ant1_2440_30~1000



BLE_500K_Ant1_2440_1000~3000



BLE_500K_Ant1_2440_3000~5000



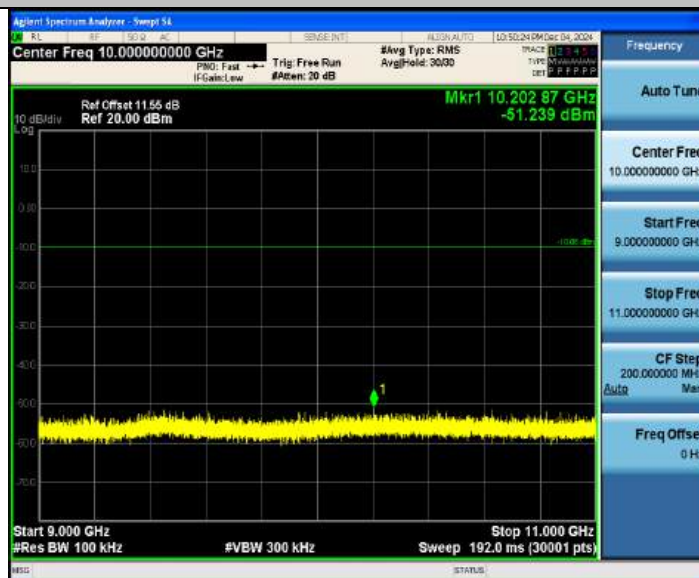
BLE_500K_Ant1_2440_5000~7000



BLE_500K_Ant1_2440_7000~9000



BLE_500K_Ant1_2440_9000~11000



BLE_500K_Ant1_2440_11000~13000



BLE_500K_Ant1_2440_13000~15000



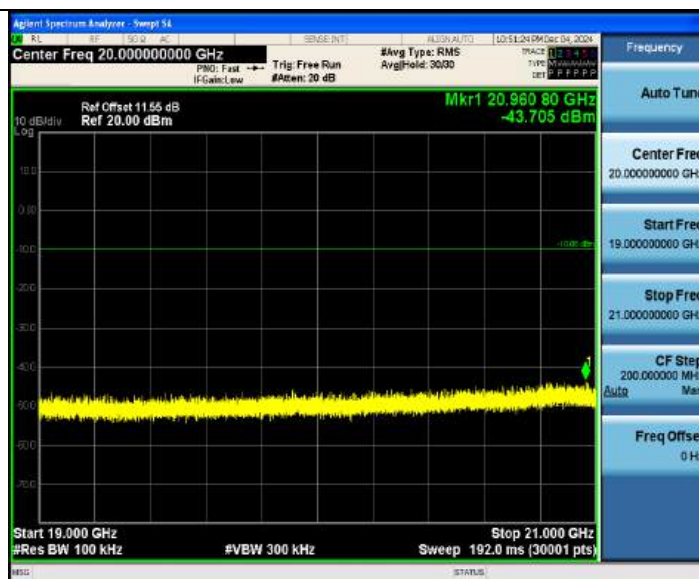
BLE_500K_Ant1_2440_15000~17000



BLE_500K_Ant1_2440_17000~19000



BLE_500K_Ant1_2440_19000~21000



BLE_500K_Ant1_2440_21000~23000



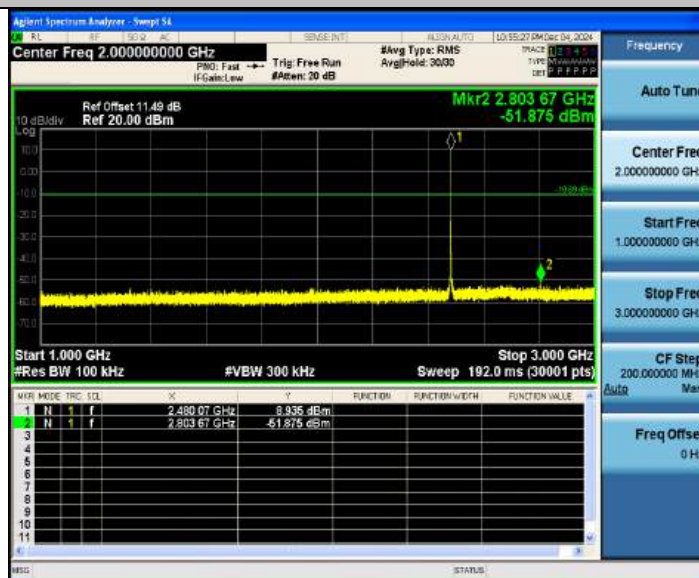
BLE_500K_Ant1_2440_23000~25000



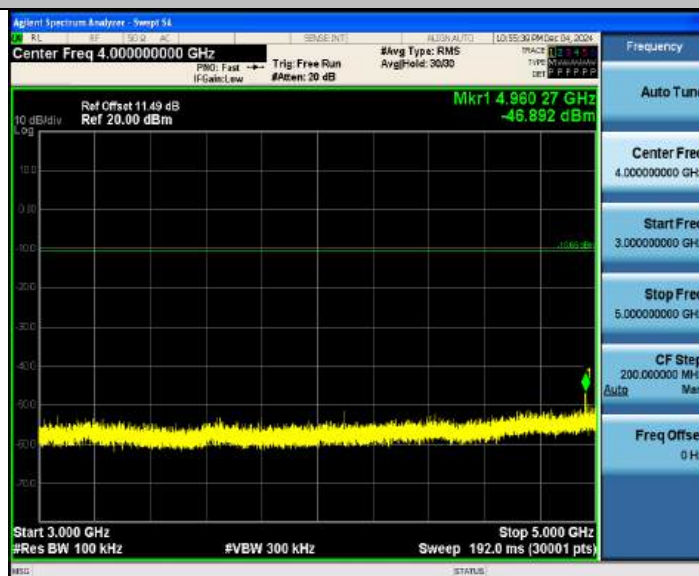
BLE_500K_Ant1_2480_30~1000



BLE_500K_Ant1_2480_1000~3000



BLE_500K_Ant1_2480_3000~5000



BLE_500K_Ant1_2480_5000~7000



BLE_500K_Ant1_2480_7000~9000



BLE_500K_Ant1_2480_9000~11000



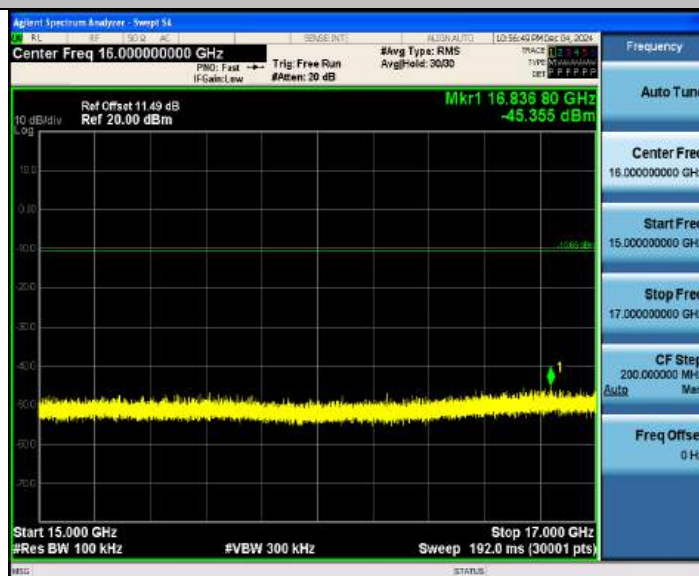
BLE_500K_Ant1_2480_11000~13000



BLE_500K_Ant1_2480_13000~15000



BLE_500K_Ant1_2480_15000~17000



BLE_500K_Ant1_2480_17000~19000



BLE_500K_Ant1_2480_19000~21000



BLE_500K_Ant1_2480_21000~23000



BLE_500K_Ant1_2480_23000~25000



Appendix G: Duty Cycle

TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]
BLE_1M	2402	0.00	0.00	100
	2440	0.00	0.00	100
	2480	0.00	0.00	100
BLE_2M	2402	0.00	0.00	100
	2440	0.00	0.00	100
	2480	0.00	0.00	100
BLE_125K	2402	0.00	0.00	100
	2440	0.00	0.00	100
	2480	0.00	0.00	100
BLE_500K	2402	0.00	0.00	100
	2440	0.00	0.00	100
	2480	0.00	0.00	100

Test Graphs

BLE_1M_Ant1_2402



BLE_1M_Ant1_2440



BLE_1M_Ant1_2480



BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



BLE_125K_Ant1_2402



BLE_125K_Ant1_2440



BLE_125K_Ant1_2480



BLE_500K_Ant1_2402



BLE_500K_Ant1_2440

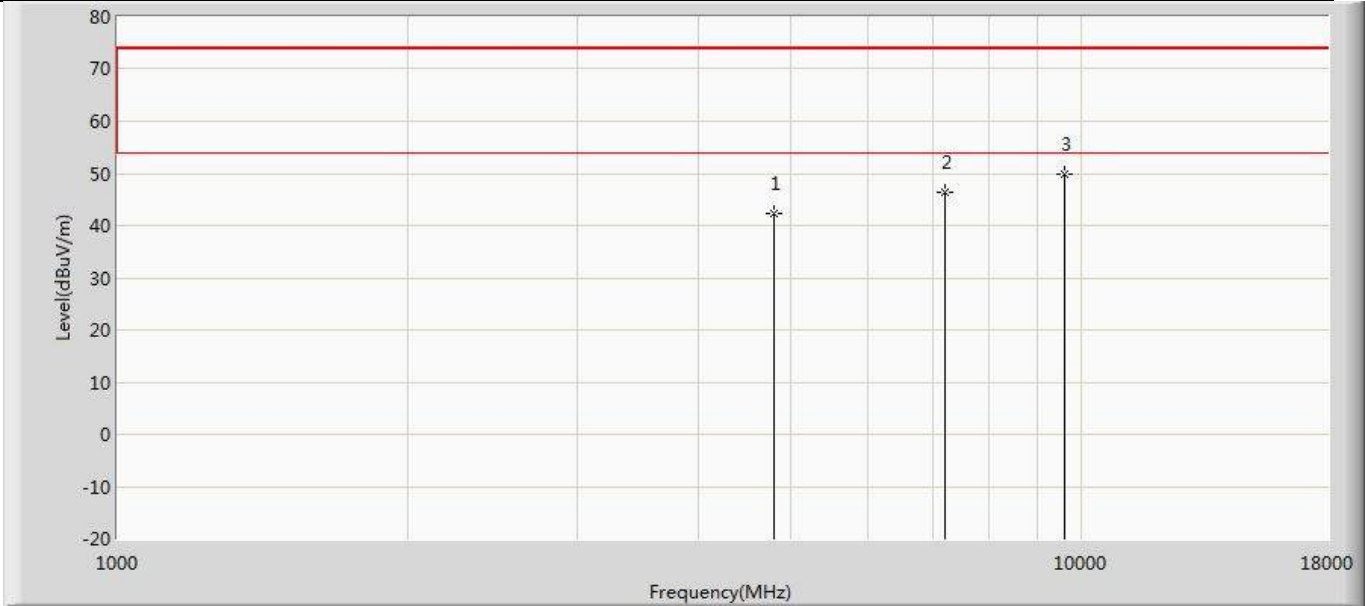


BLE_500K_Ant1_2480



Appendix H: Emissions in Restricted Bands

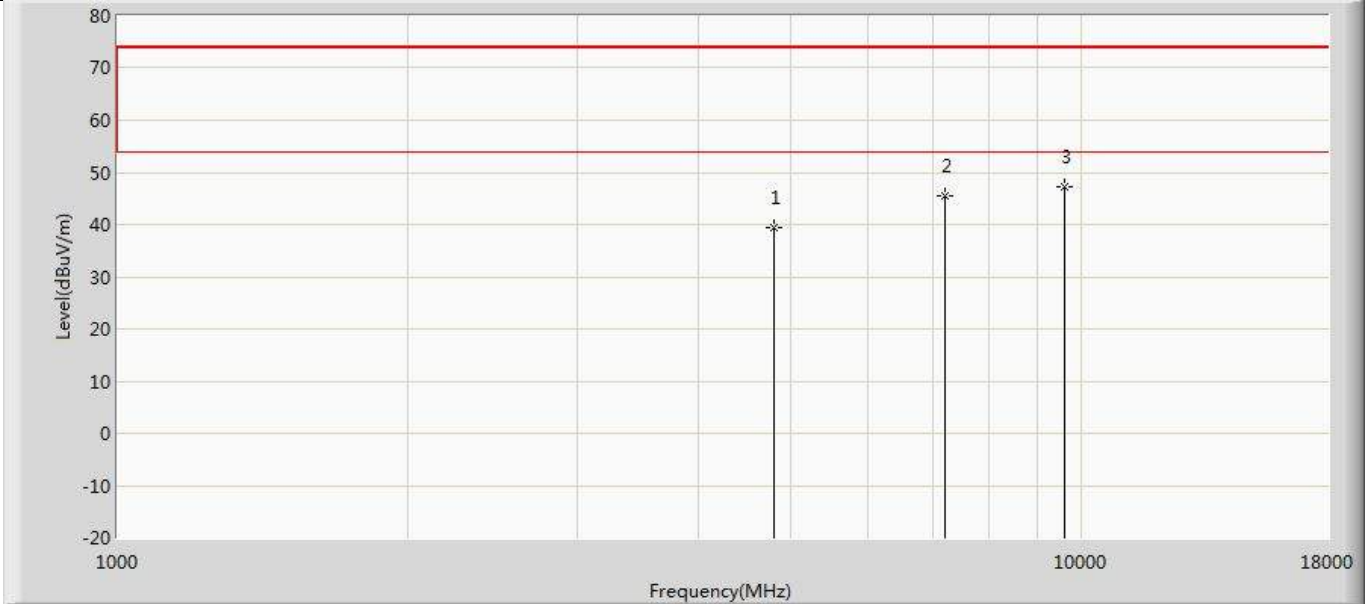
Profile: 24B0863R	Page No.: 31
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.345	54.400	-31.655	74.000	-12.055	PK
2		7206.000	46.321	52.881	-27.679	74.000	-6.560	PK
3	*	9608.000	49.884	53.052	-24.116	74.000	-3.167	PK



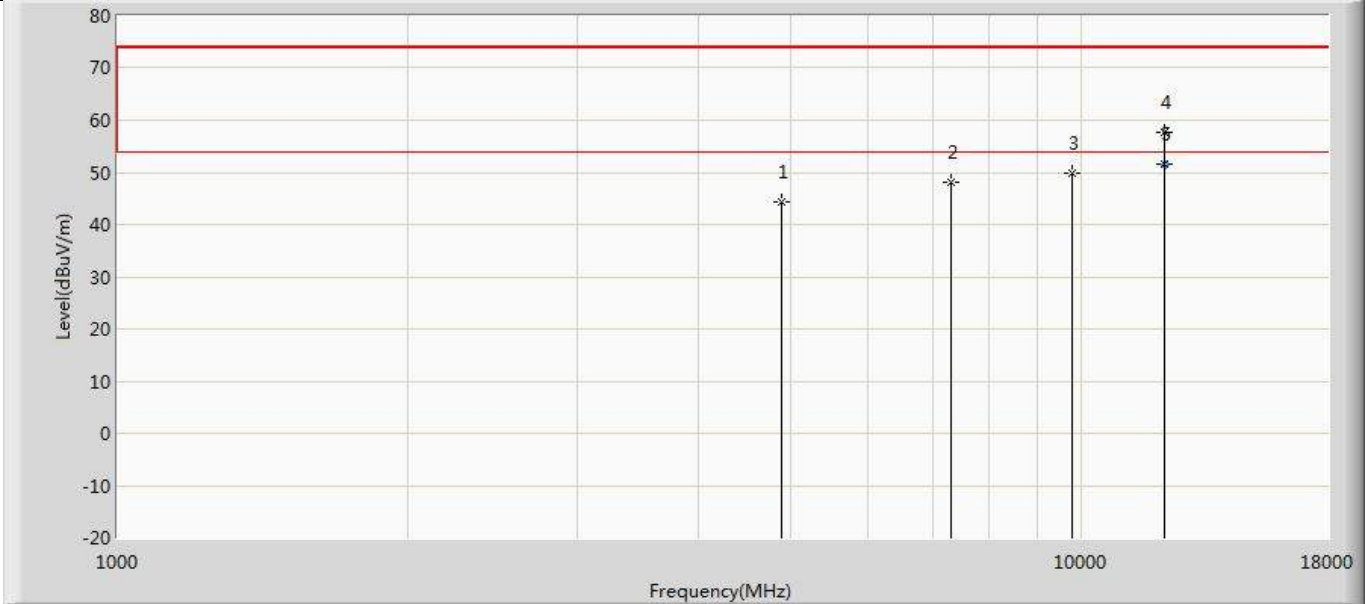
Profile: 24B0863R	Page No.: 32
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.416	51.471	-34.584	74.000	-12.055	PK
2		7206.000	45.612	52.172	-28.388	74.000	-6.560	PK
3	*	9608.000	47.391	50.559	-26.609	74.000	-3.167	PK

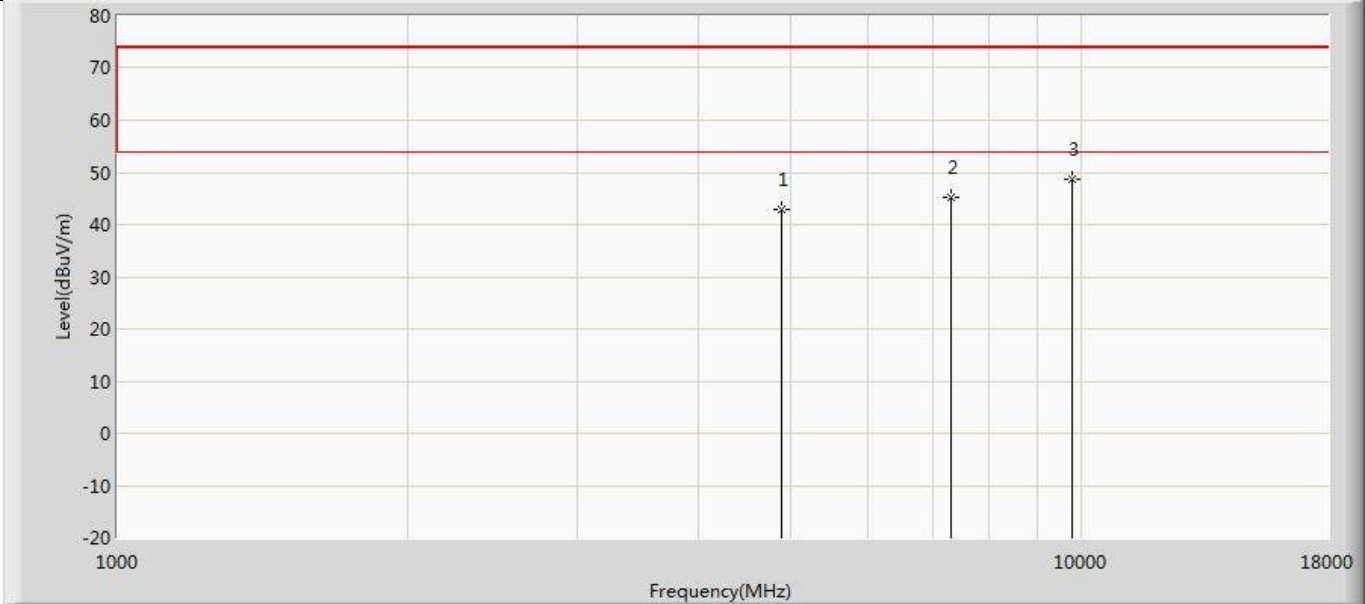


Profile: 24B0863R	Page No.: 33
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	44.452	55.229	-29.548	74.000	-10.777	PK
2		7324.000	48.226	55.424	-25.774	74.000	-7.198	PK
3		9760.000	49.947	52.814	-24.053	74.000	-2.867	PK
4		12203.000	57.805	57.064	-16.195	74.000	0.741	PK
5	*	12203.000	51.457	50.716	-2.543	54.000	0.741	AV

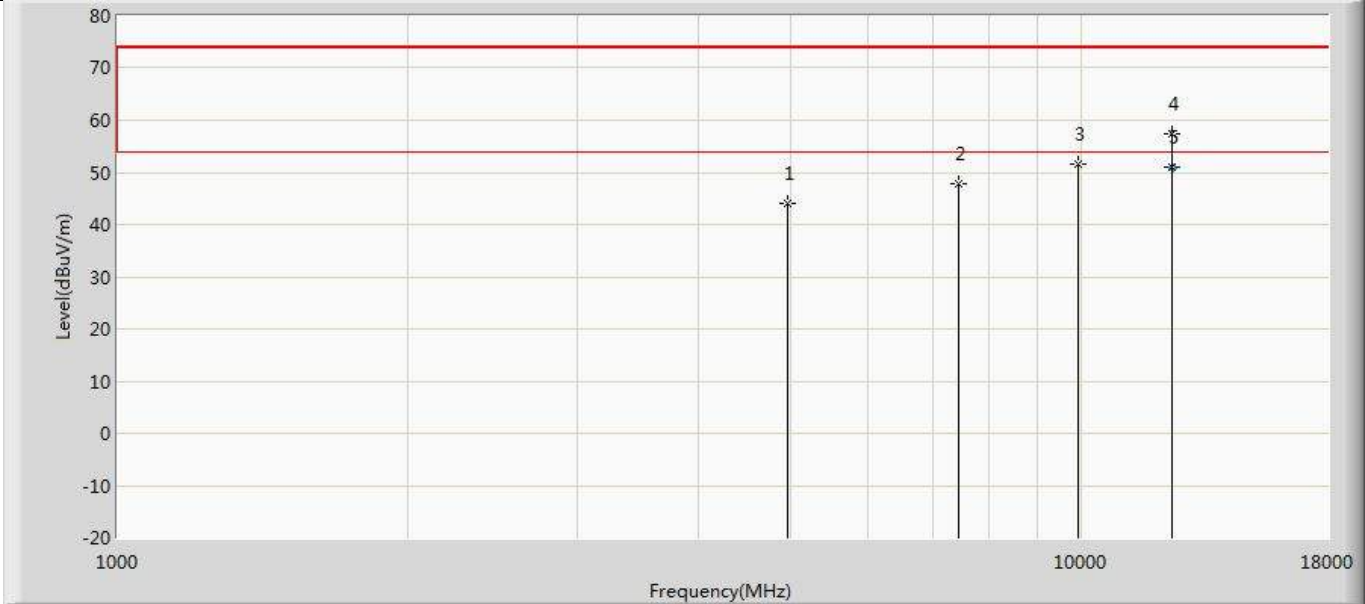
Profile: 24B0863R	Page No.: 34
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	42.789	53.566	-31.211	74.000	-10.777	PK
2		7320.000	45.129	52.420	-28.871	74.000	-7.291	PK
3	*	9760.000	48.820	51.687	-25.180	74.000	-2.867	PK



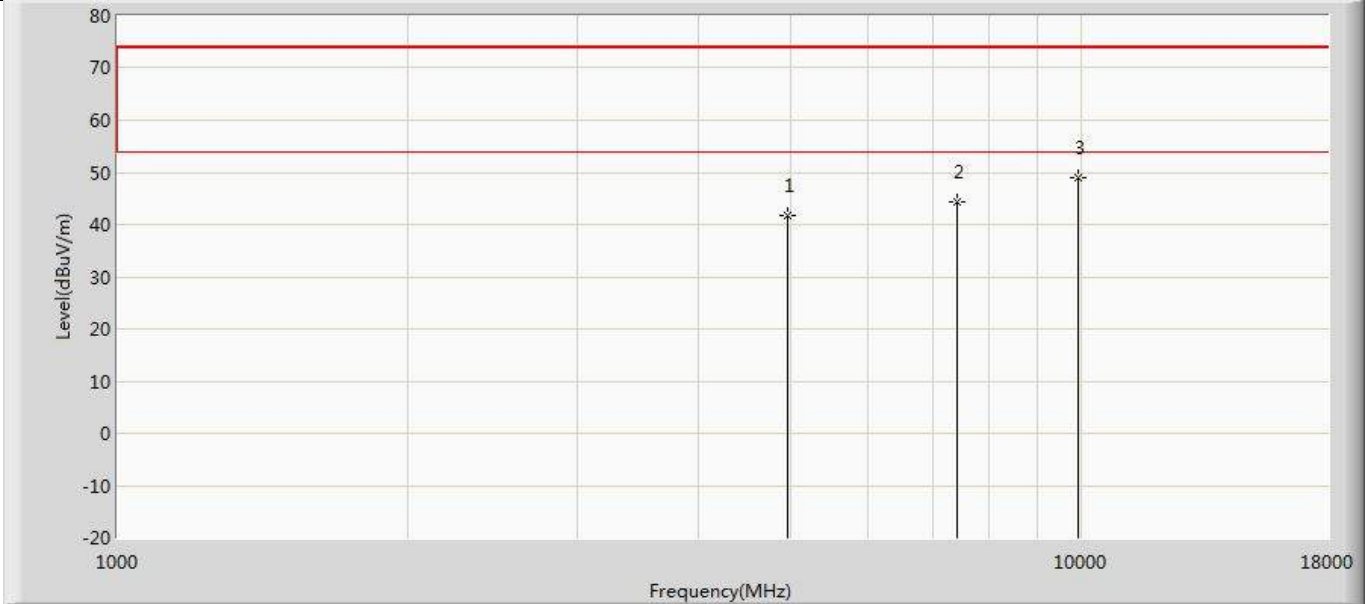
Profile: 24B0863R	Page No.: 35
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.998	54.885	-30.002	74.000	-10.888	PK
2		7443.000	47.693	54.781	-26.307	74.000	-7.088	PK
3		9920.000	51.685	53.550	-22.315	74.000	-1.865	PK
4		12407.000	57.382	54.520	-16.618	74.000	2.862	PK
5	*	12407.000	51.135	48.273	-2.865	54.000	2.862	AV



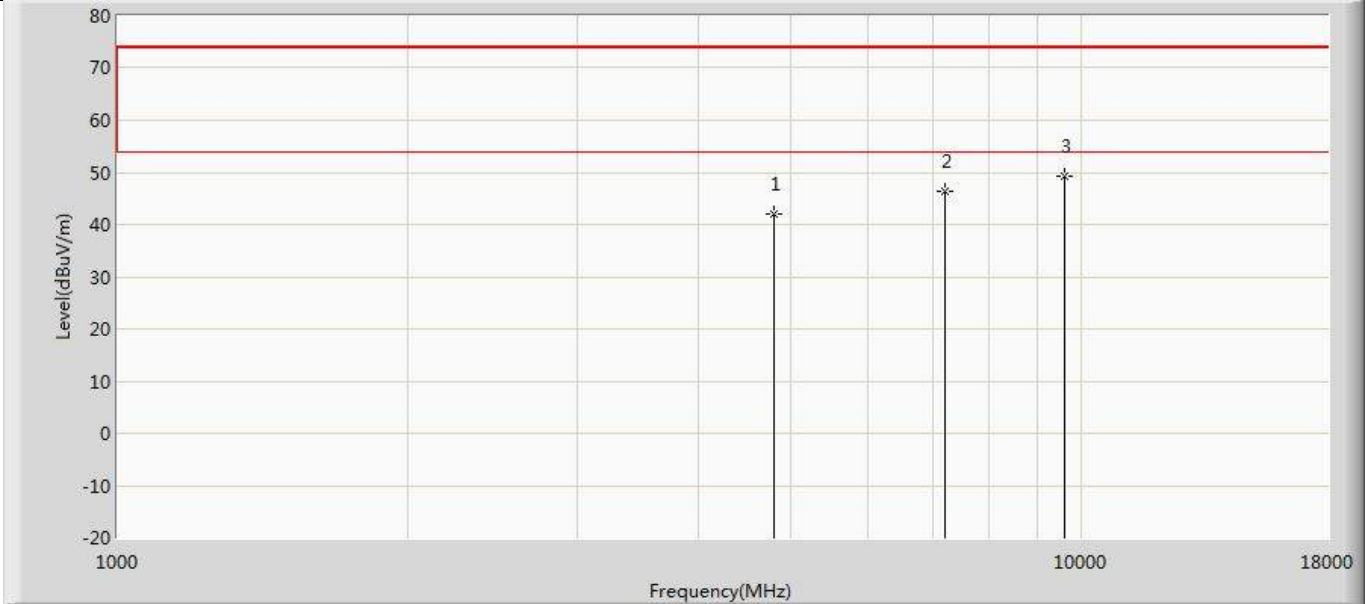
Profile: 24B0863R	Page No.: 36
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	41.672	52.559	-32.328	74.000	-10.888	PK
2		7440.000	44.373	51.483	-29.627	74.000	-7.110	PK
3	*	9920.000	49.037	50.902	-24.963	74.000	-1.865	PK



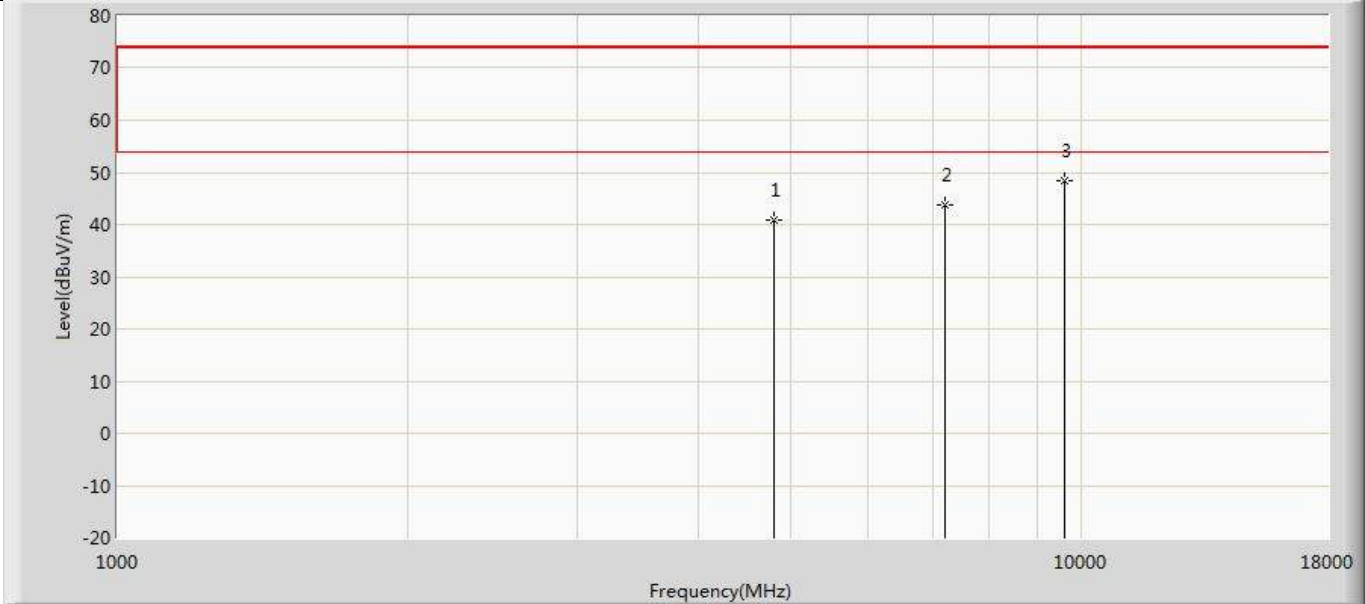
Profile: 24B0863R	Page No.: 37
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.015	54.070	-31.985	74.000	-12.055	PK
2		7206.000	46.270	52.830	-27.730	74.000	-6.560	PK
3	*	9608.000	49.400	52.568	-24.600	74.000	-3.167	PK



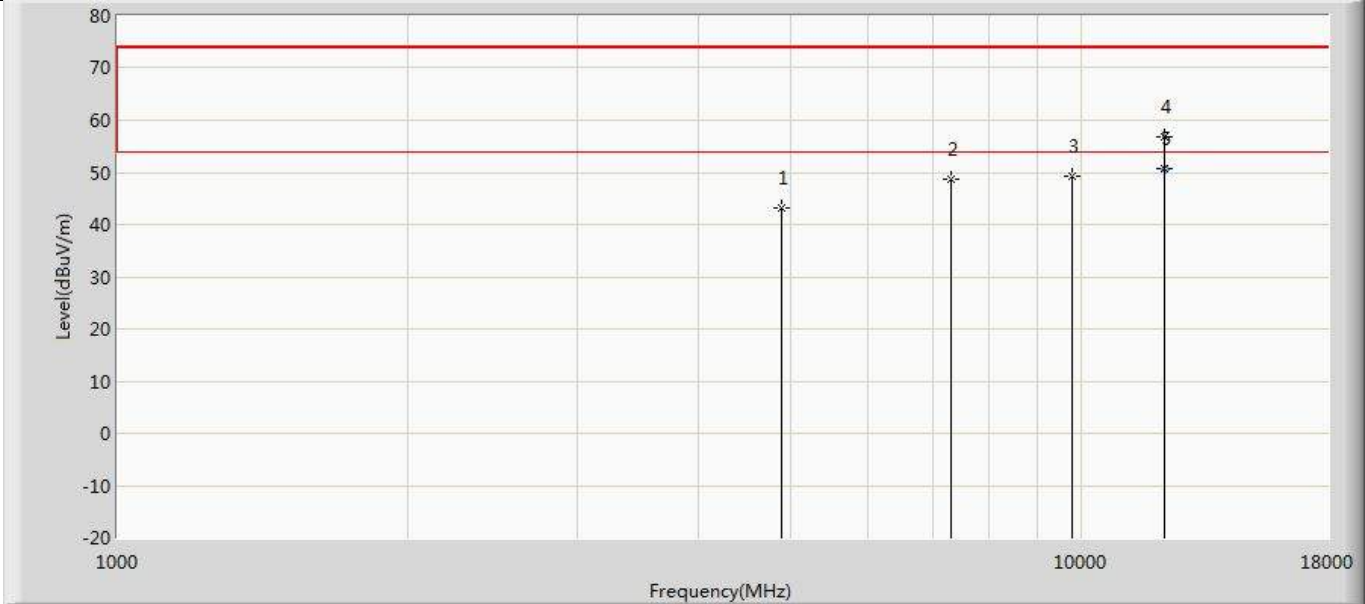
Profile: 24B0863R	Page No.: 38
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.734	52.789	-33.266	74.000	-12.055	PK
2		7206.000	43.831	50.391	-30.169	74.000	-6.560	PK
3	*	9608.000	48.405	51.573	-25.595	74.000	-3.167	PK



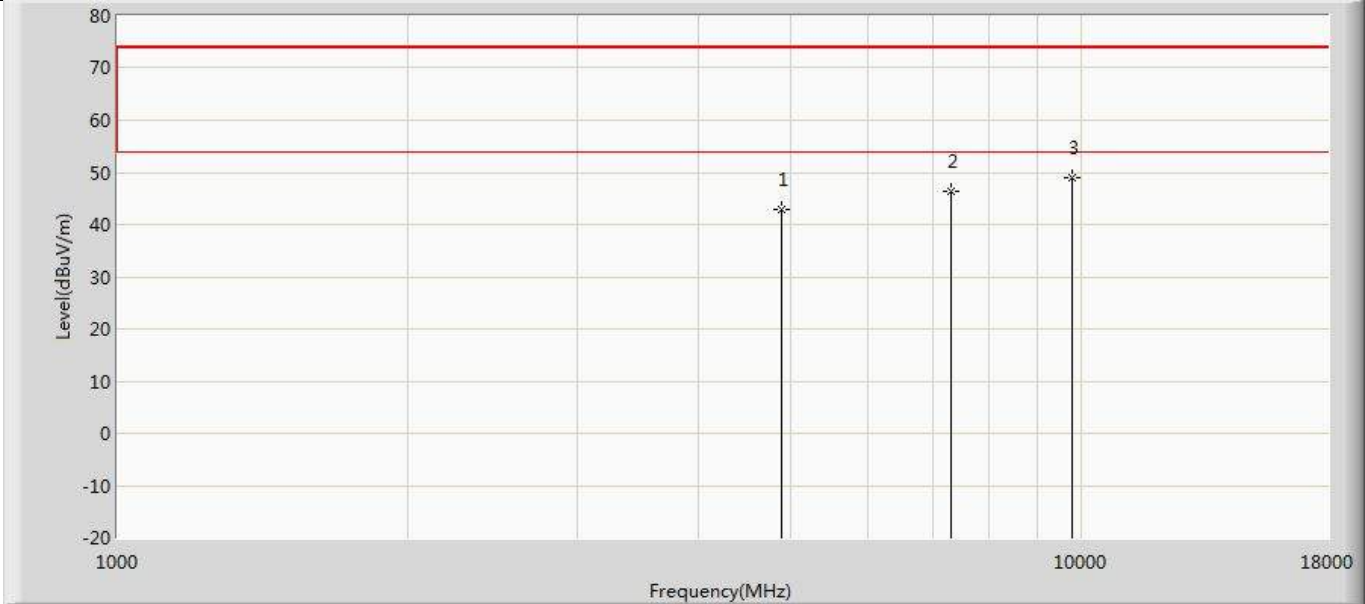
Profile: 24B0863R	Page No.: 39
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.274	54.051	-30.726	74.000	-10.777	PK
2		7324.000	48.657	55.855	-25.343	74.000	-7.198	PK
3		9760.000	49.305	52.172	-24.695	74.000	-2.867	PK
4		12203.000	56.715	55.974	-17.285	74.000	0.741	PK
5	*	12203.000	50.778	50.037	-3.222	54.000	0.741	AV



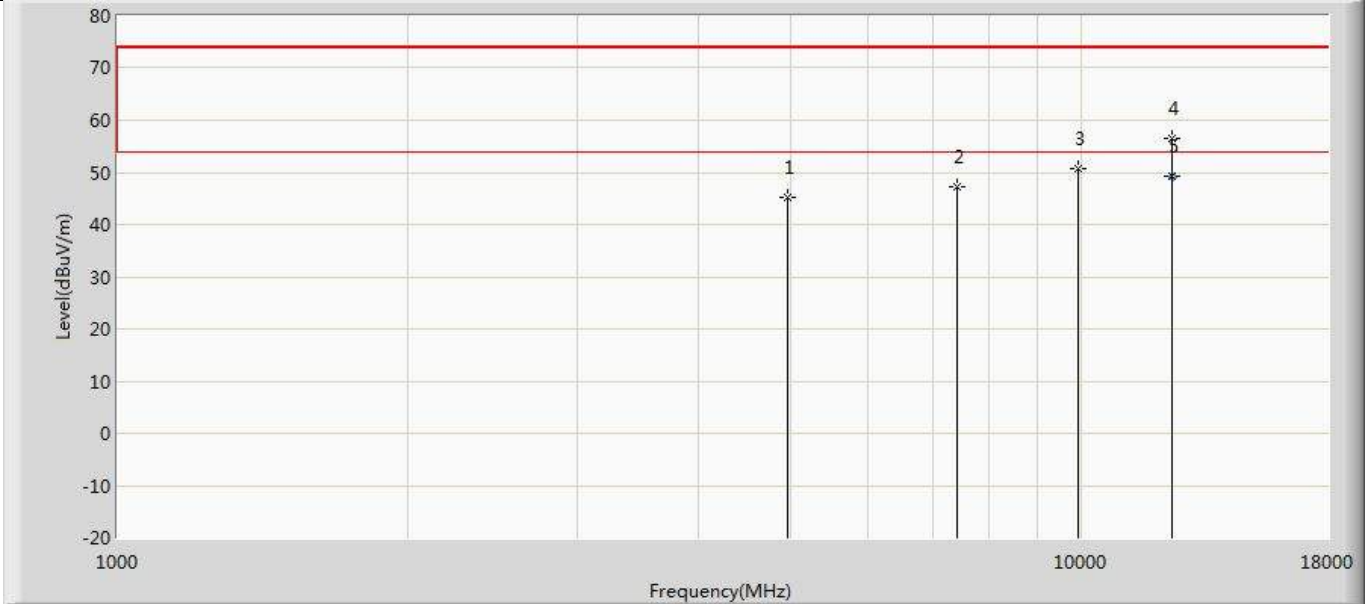
Profile: 24B0863R	Page No.: 40
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	42.820	53.597	-31.180	74.000	-10.777	PK
2		7320.000	46.479	53.770	-27.521	74.000	-7.291	PK
3	*	9760.000	48.856	51.723	-25.144	74.000	-2.867	PK



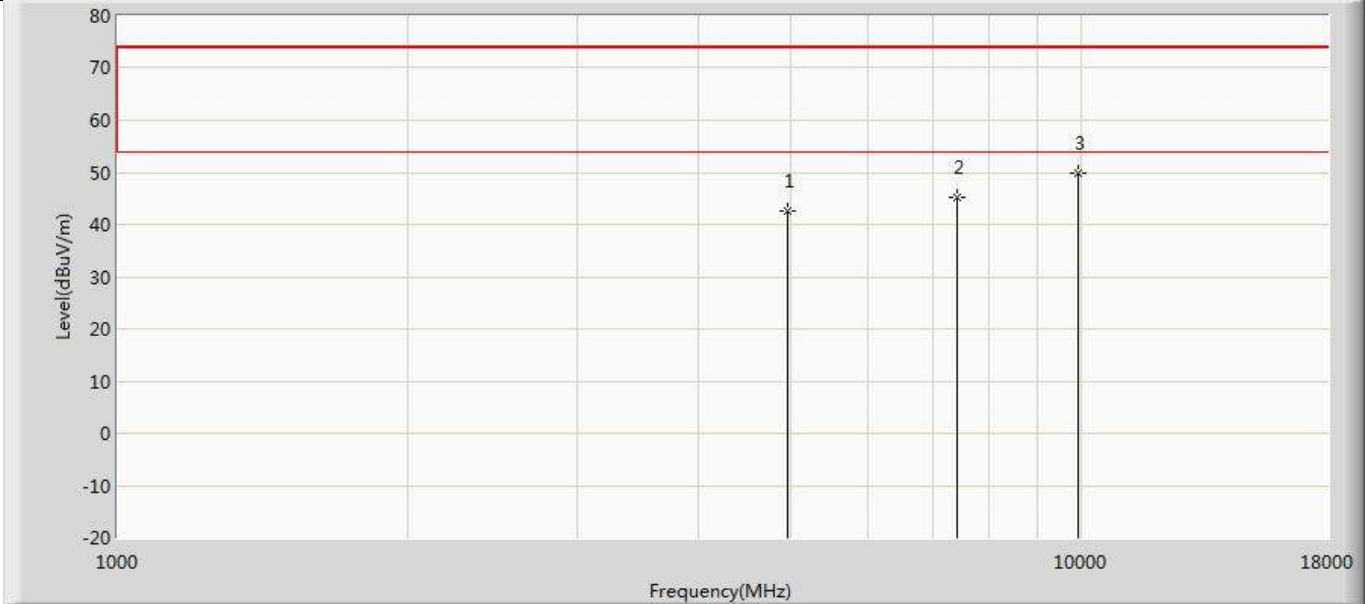
Profile: 24B0863R	Page No.: 41
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2480MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4961.000	45.114	55.966	-28.886	74.000	-10.852	PK
2		7440.000	47.229	54.339	-26.771	74.000	-7.110	PK
3		9920.000	50.645	52.510	-23.355	74.000	-1.865	PK
4		12407.000	56.595	53.733	-17.405	74.000	2.862	PK
5	*	12407.000	49.382	46.520	-4.618	54.000	2.862	AV



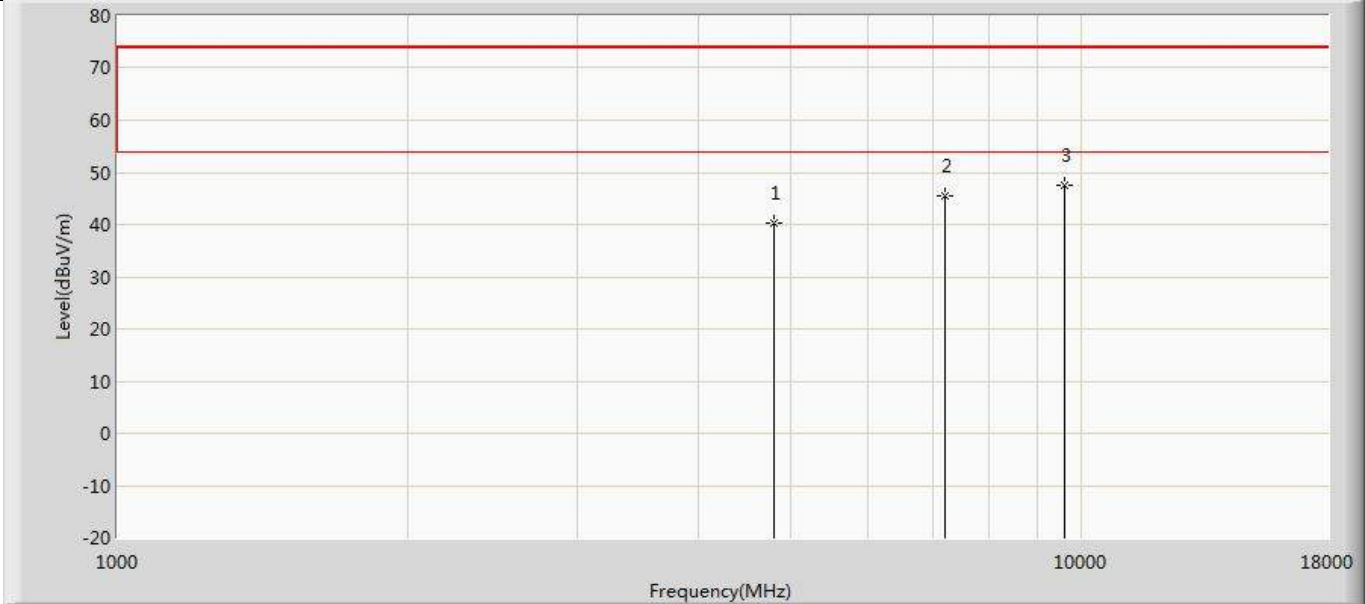
Profile: 24B0863R	Page No.: 42
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 2 : Transmit at 2480MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	42.590	53.477	-31.410	74.000	-10.888	PK
2		7440.000	45.260	52.370	-28.740	74.000	-7.110	PK
3	*	9920.000	49.905	51.770	-24.095	74.000	-1.865	PK



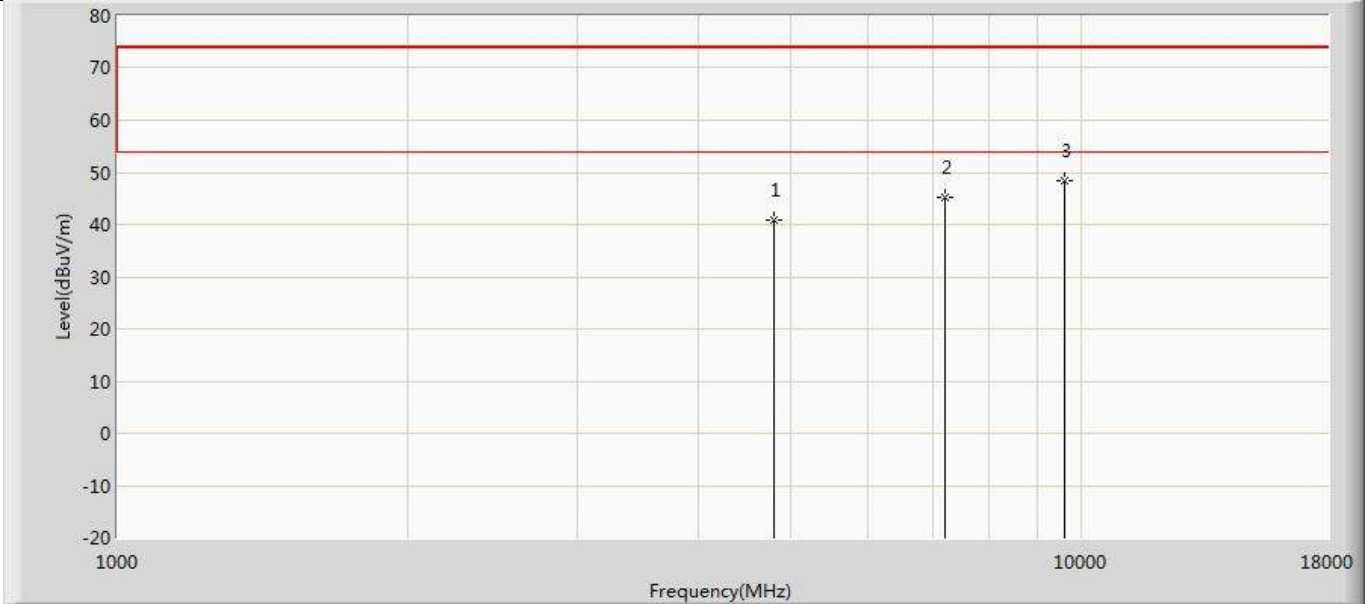
Profile: 24B0863R	Page No.: 43
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2402MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.208	52.263	-33.792	74.000	-12.055	PK
2		7206.000	45.568	52.128	-28.432	74.000	-6.560	PK
3	*	9608.000	47.478	50.646	-26.522	74.000	-3.167	PK



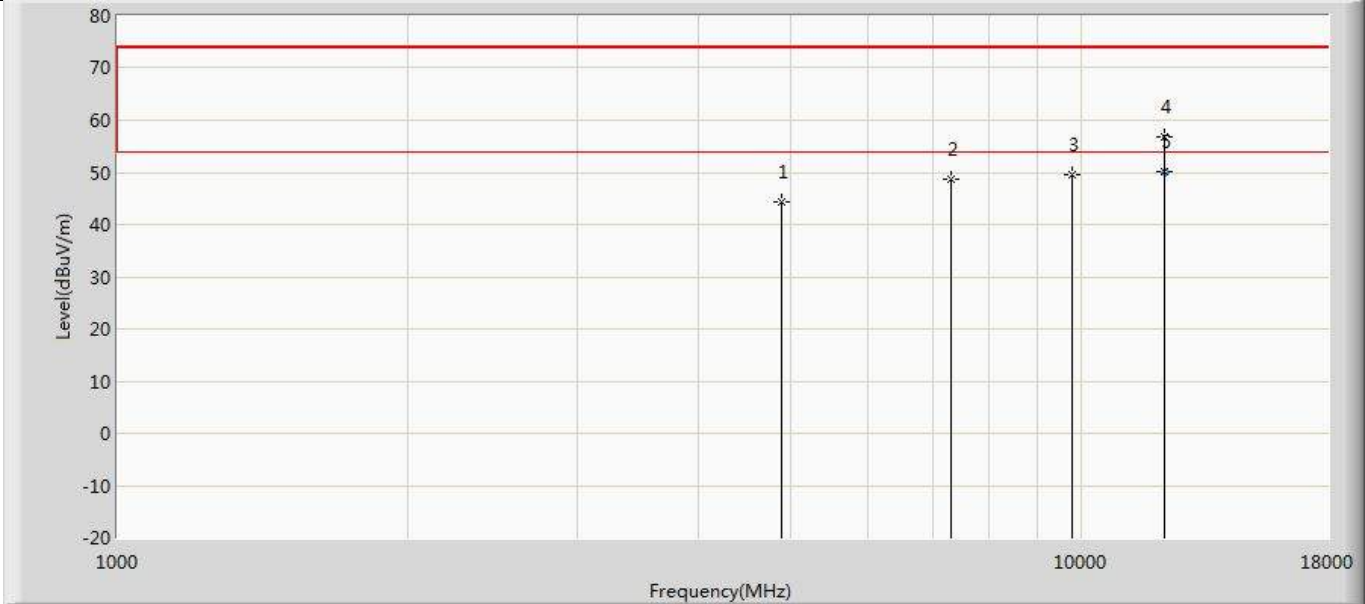
Profile: 24B0863R	Page No.: 44
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2402MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.898	52.953	-33.102	74.000	-12.055	PK
2		7206.000	45.279	51.839	-28.721	74.000	-6.560	PK
3	*	9608.000	48.436	51.604	-25.564	74.000	-3.167	PK



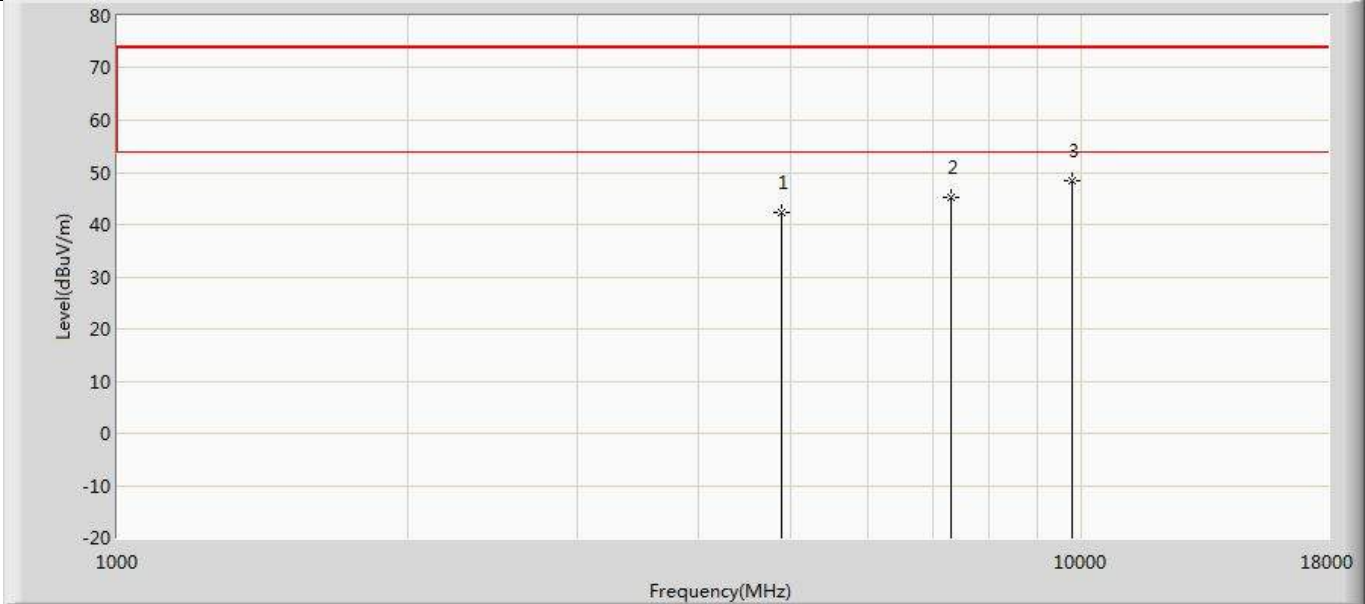
Profile: 24B0863R	Page No.: 45
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2440MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	44.228	55.005	-29.772	74.000	-10.777	PK
2		7324.000	48.813	56.011	-25.187	74.000	-7.198	PK
3		9760.000	49.546	52.413	-24.454	74.000	-2.867	PK
4		12203.000	56.904	56.163	-17.096	74.000	0.741	PK
5	*	12203.000	50.251	49.510	-3.749	54.000	0.741	AV



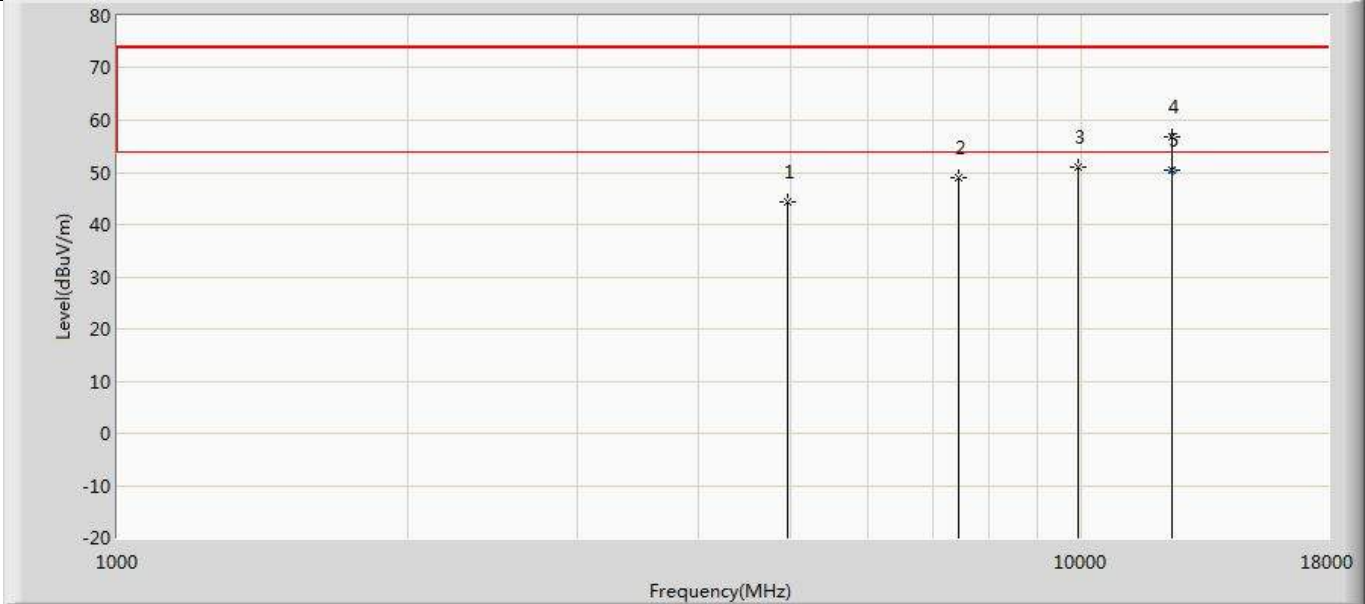
Profile: 24B0863R	Page No.: 46
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2440MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	42.447	53.224	-31.553	74.000	-10.777	PK
2		7320.000	45.350	52.641	-28.650	74.000	-7.291	PK
3	*	9760.000	48.512	51.379	-25.488	74.000	-2.867	PK



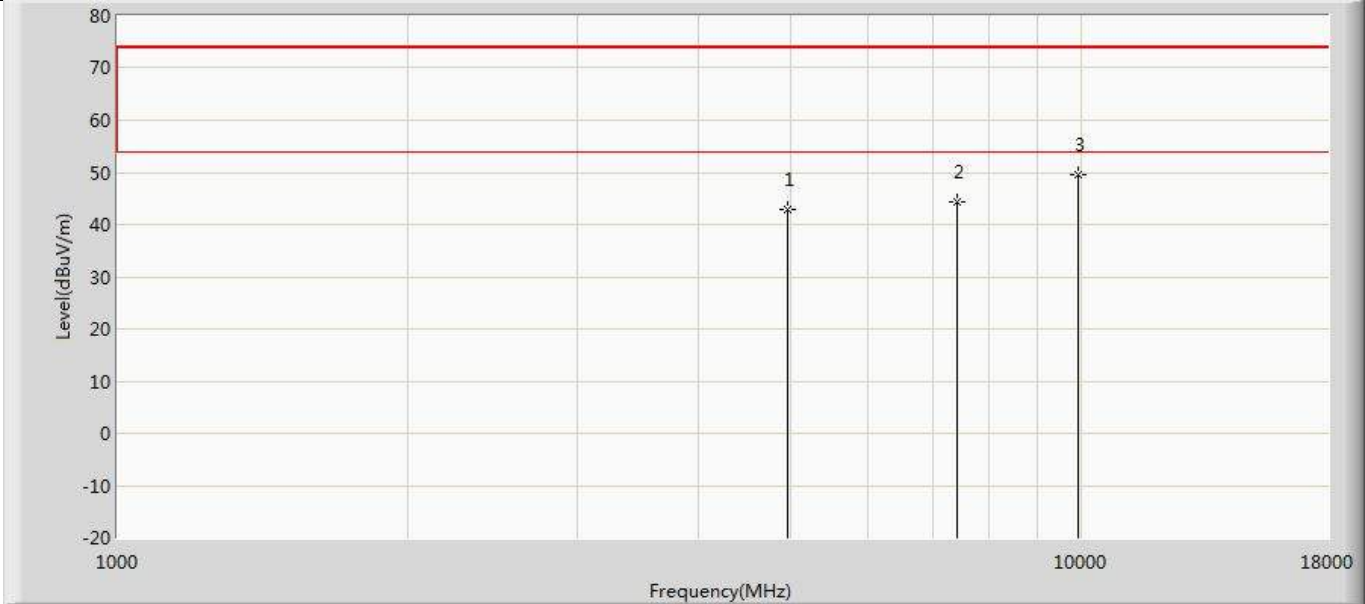
Profile: 24B0863R	Page No.: 47
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2480MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.296	55.183	-29.704	74.000	-10.888	PK
2		7443.000	49.114	56.202	-24.886	74.000	-7.088	PK
3		9920.000	51.058	52.923	-22.942	74.000	-1.865	PK
4		12407.000	56.867	54.005	-17.133	74.000	2.862	PK
5	*	12407.000	50.292	47.430	-3.708	54.000	2.862	AV



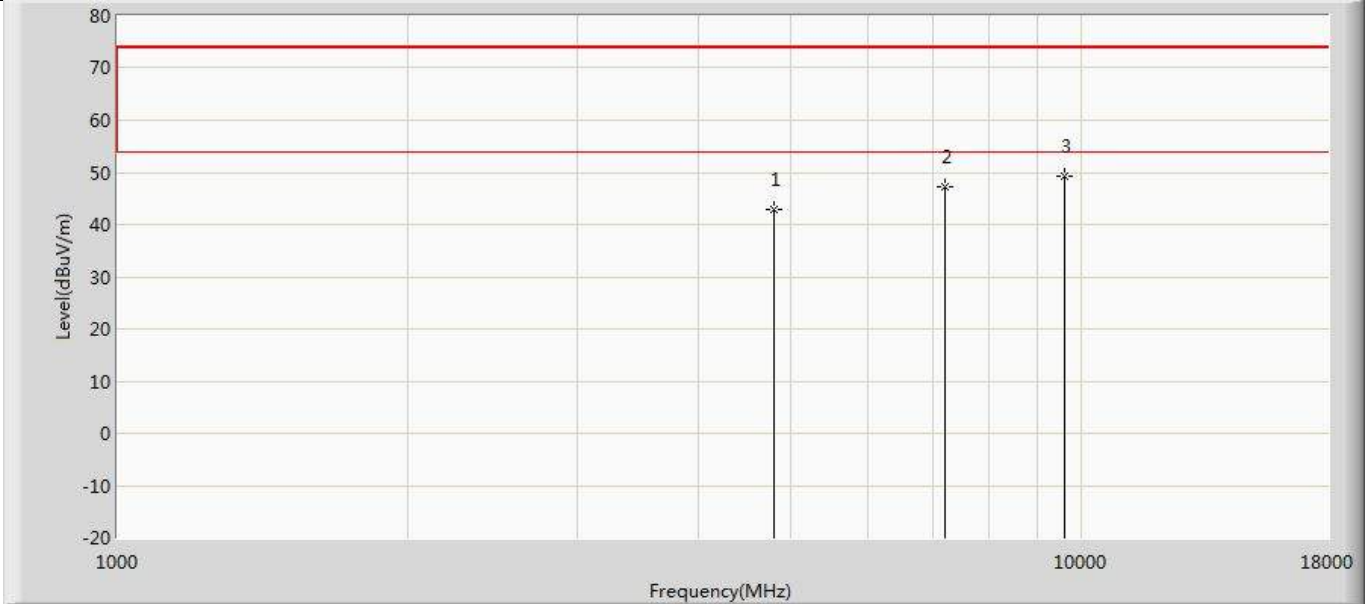
Profile: 24B0863R	Page No.: 48
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 3 : Transmit at 2480MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.029	53.916	-30.971	74.000	-10.888	PK
2		7440.000	44.395	51.505	-29.605	74.000	-7.110	PK
3	*	9920.000	49.686	51.551	-24.314	74.000	-1.865	PK



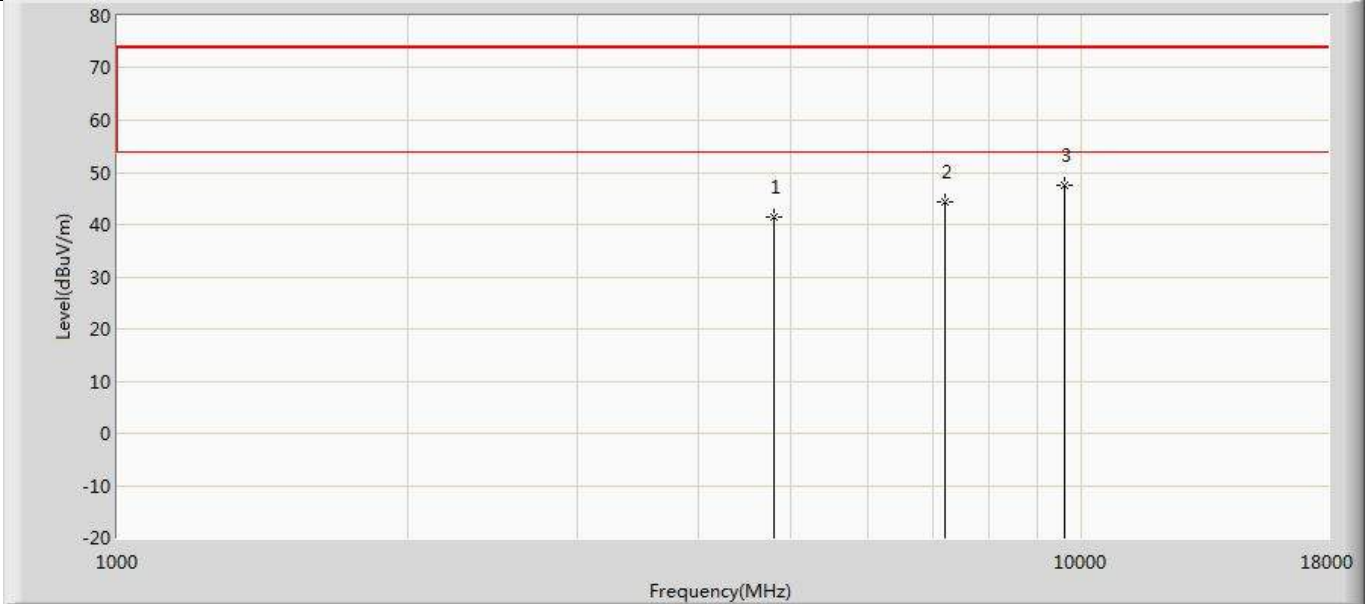
Profile: 24B0863R	Page No.: 49
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.789	54.844	-31.211	74.000	-12.055	PK
2		7206.000	47.112	53.672	-26.888	74.000	-6.560	PK
3	*	9608.000	49.268	52.436	-24.732	74.000	-3.167	PK

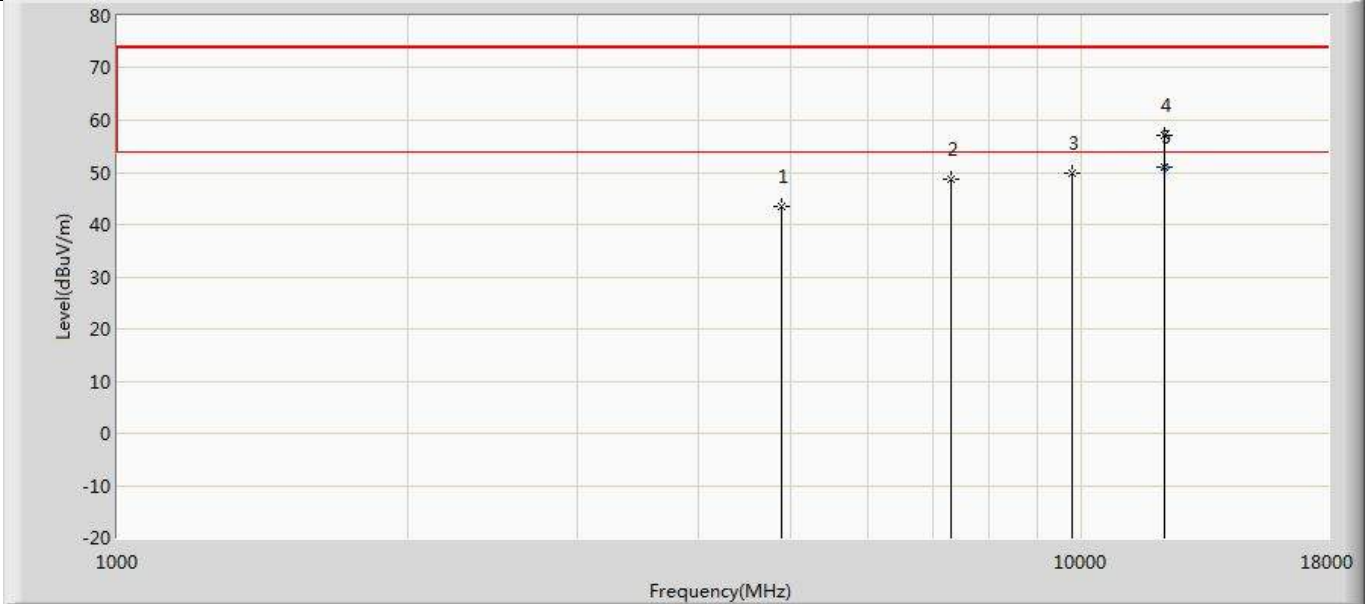


Profile: 24B0863R	Page No.: 50
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.382	53.437	-32.618	74.000	-12.055	PK
2		7206.000	44.409	50.969	-29.591	74.000	-6.560	PK
3	*	9608.000	47.574	50.742	-26.426	74.000	-3.167	PK

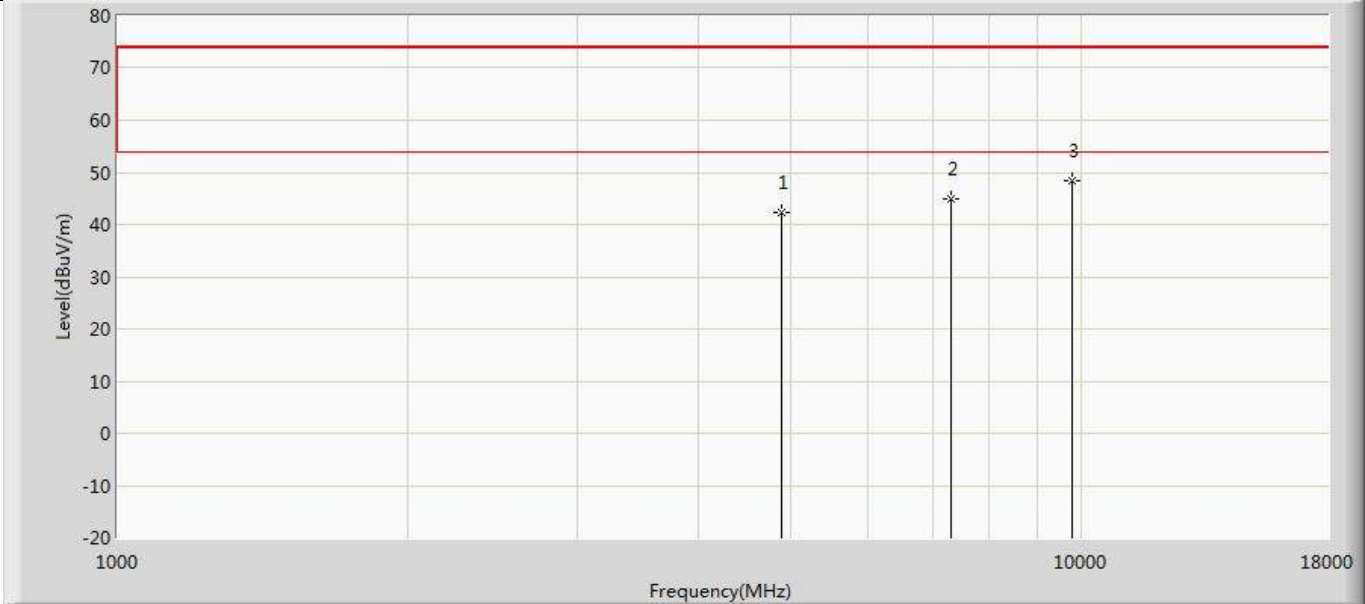
Profile: 24B0863R	Page No.: 51
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.486	54.263	-30.514	74.000	-10.777	PK
2		7324.000	48.758	55.956	-25.242	74.000	-7.198	PK
3		9760.000	49.978	52.845	-24.022	74.000	-2.867	PK
4		12203.000	57.233	56.492	-16.767	74.000	0.741	PK
5	*	12203.000	50.888	50.147	-3.112	54.000	0.741	AV



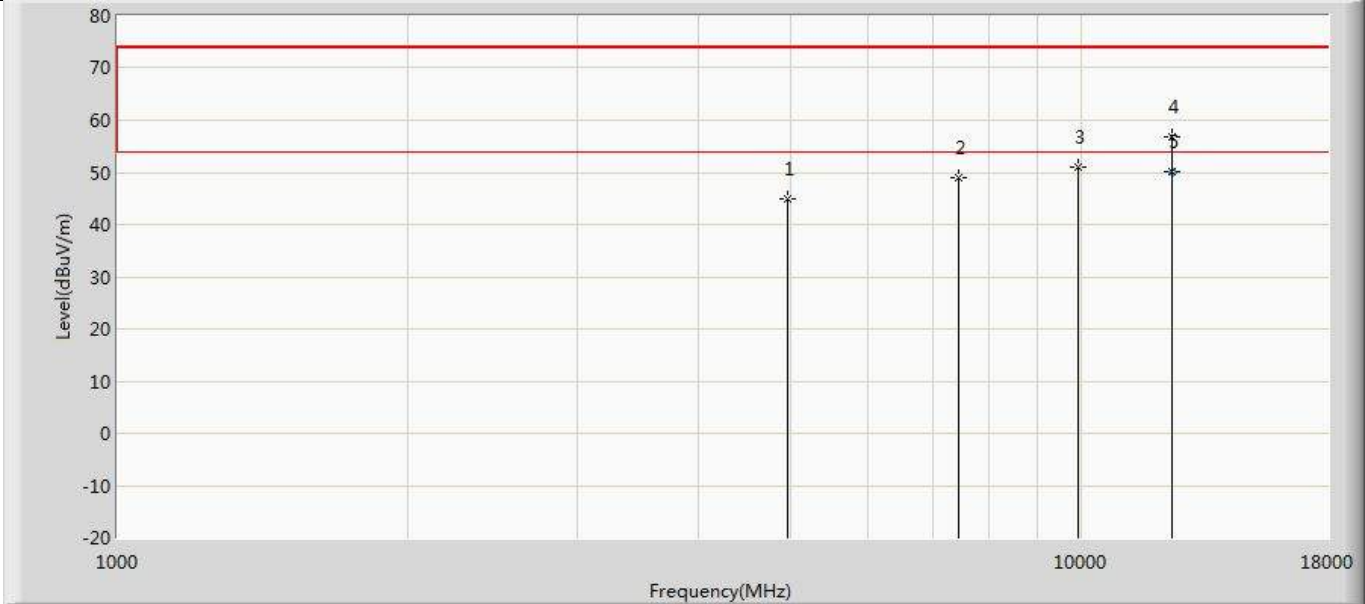
Profile: 24B0863R	Page No.: 52
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	42.425	53.202	-31.575	74.000	-10.777	PK
2		7320.000	44.790	52.081	-29.210	74.000	-7.291	PK
3	*	9760.000	48.303	51.170	-25.697	74.000	-2.867	PK



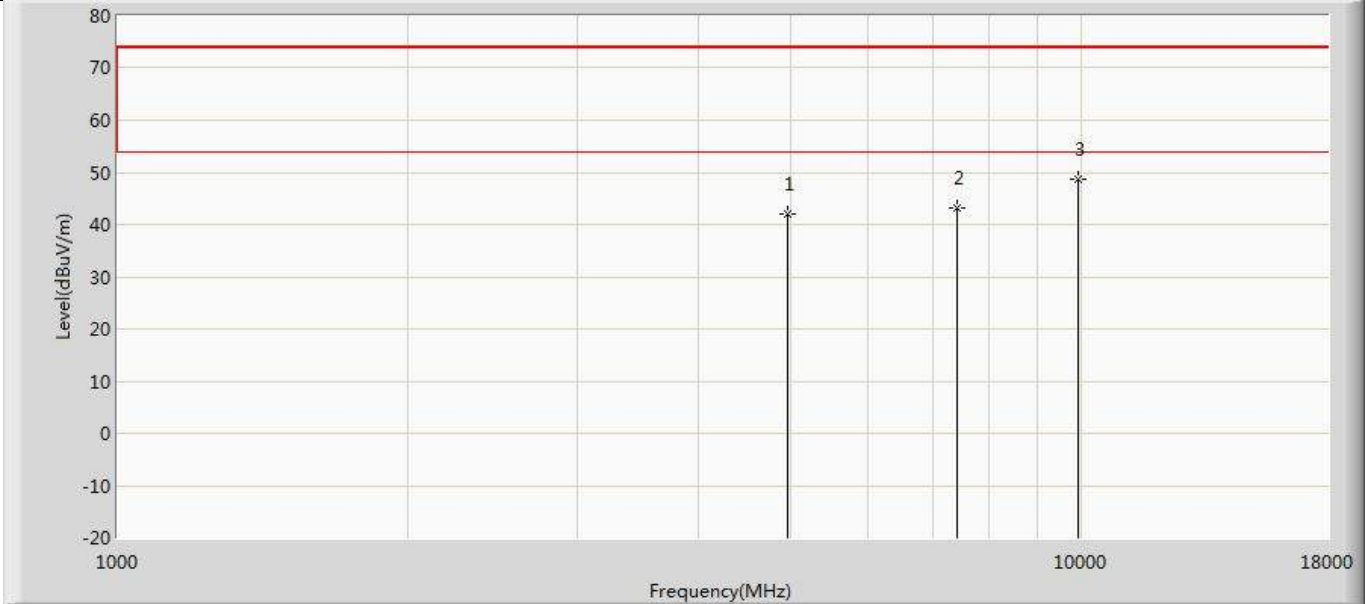
Profile: 24B0863R	Page No.: 53
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.857	55.744	-29.143	74.000	-10.888	PK
2		7443.000	48.890	55.978	-25.110	74.000	-7.088	PK
3		9920.000	51.126	52.991	-22.874	74.000	-1.865	PK
4		12407.000	56.691	53.829	-17.309	74.000	2.862	PK
5	*	12407.000	50.123	47.261	-3.877	54.000	2.862	AV



Profile: 24B0863R	Page No.: 54
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 22:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=8	

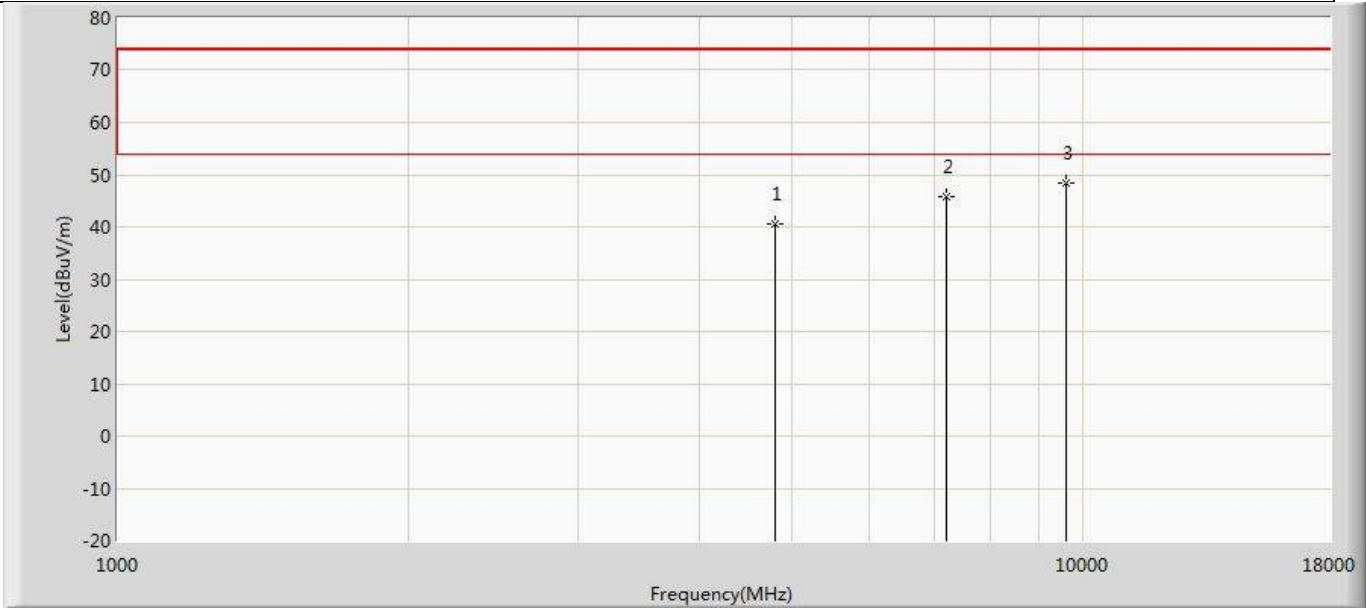


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	42.063	52.950	-31.937	74.000	-10.888	PK
2		7440.000	43.267	50.377	-30.733	74.000	-7.110	PK
3	*	9920.000	48.746	50.611	-25.254	74.000	-1.865	PK



Alternative Capacitor:

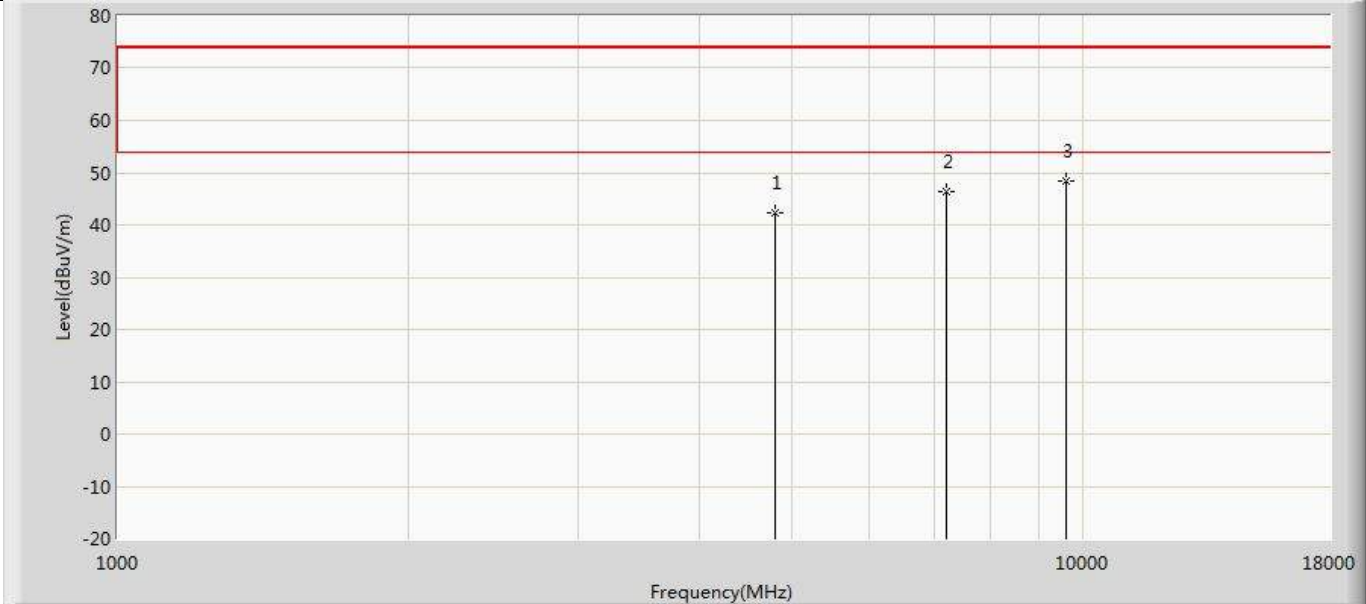
Profile: 24B0863R	Page No.: 7
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 21:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	40.655	52.710	-33.345	74.000	-12.055	PK
2		7206.000	45.679	52.239	-28.321	74.000	-6.560	PK
3	*	9608.000	48.482	51.650	-25.518	74.000	-3.167	PK



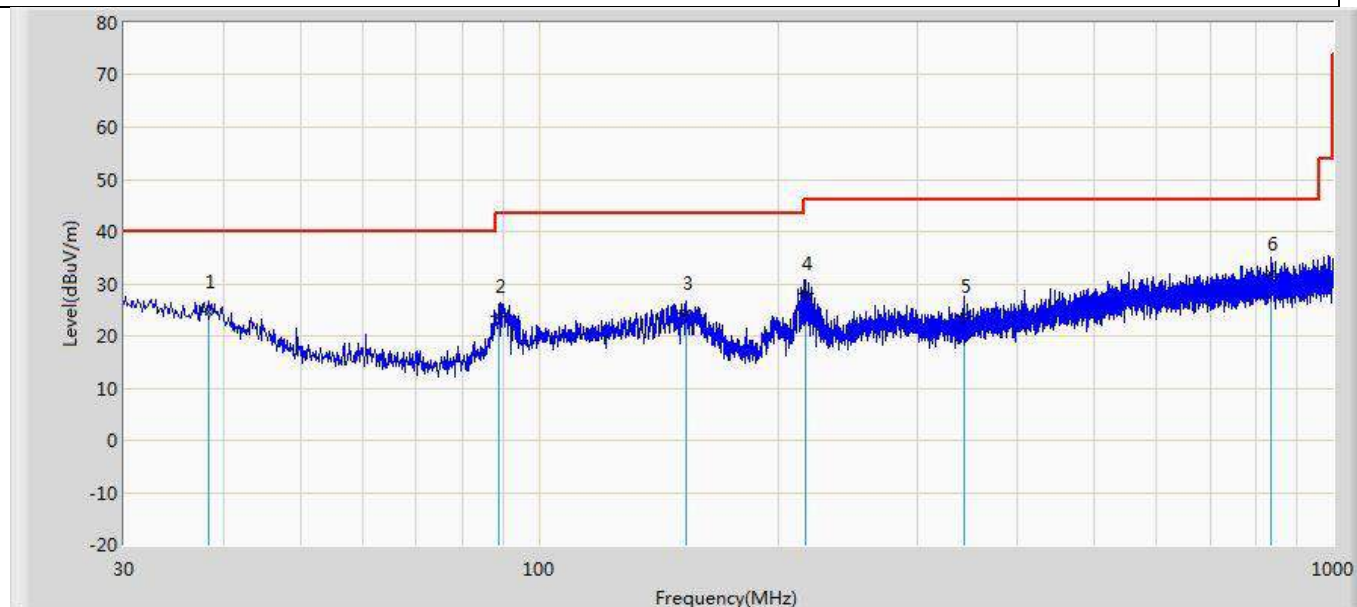
Profile: 24B0863R	Page No.: 8
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/10 - 21:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.419	54.474	-31.581	74.000	-12.055	PK
2		7206.000	46.505	53.065	-27.495	74.000	-6.560	PK
3	*	9608.000	48.292	51.460	-25.708	74.000	-3.167	PK

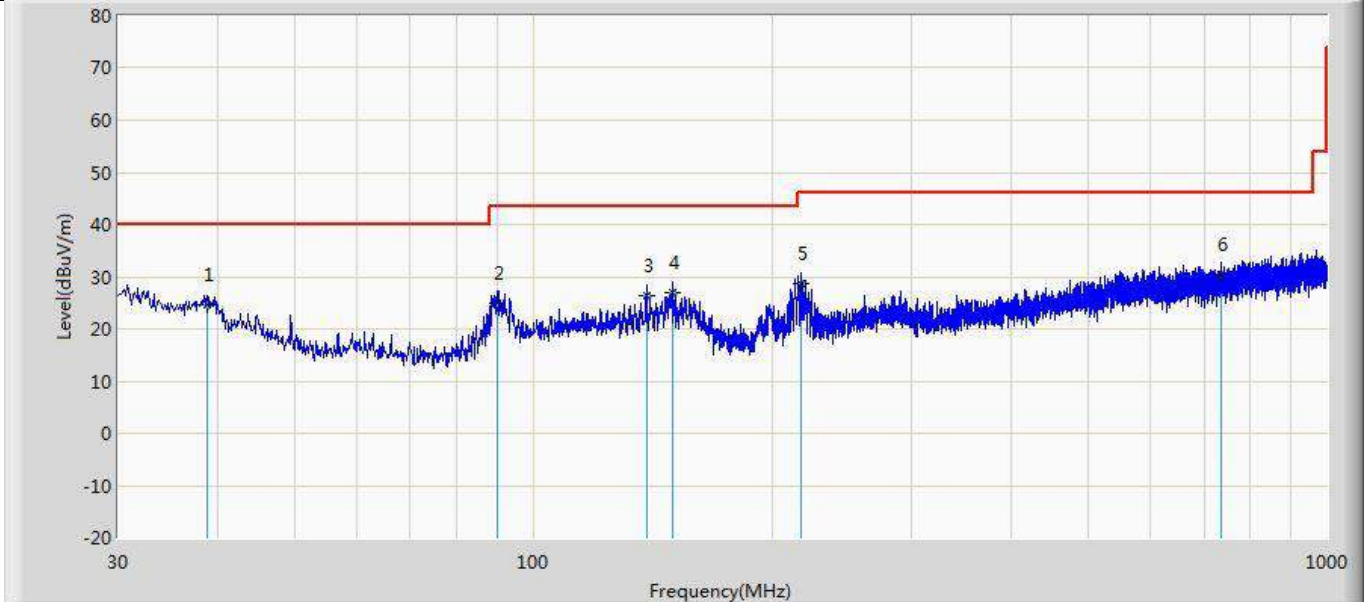
The worst case of Radiated Emission below 1GHz :

Profile: 24B0863R	Page No.: 15
Engineer: Yu Liu	
Site: AC2	Time: 2024/12/10 - 21:34
Limit: FCC_Part 15.209_RE (3m)_Class B	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1: Transmit at 2402MHz by LE_1Mbps	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		38.366	24.530	4.068	-15.470	40.000	20.462	QP
2		89.049	23.658	7.992	-19.842	43.500	15.666	QP
3		153.432	24.322	7.056	-19.178	43.500	17.265	QP
4		216.119	28.125	11.654	-17.875	46.000	16.472	QP
5		342.582	23.877	2.116	-22.123	46.000	21.761	QP
6	*	835.464	31.978	2.643	-14.022	46.000	29.335	QP

Profile: 24B0863R	Page No.: 16
Engineer: Yu Liu	
Site: AC2	Time: 2024/12/10 - 21:36
Limit: FCC_Part 15.209_RE (3m)_Class B	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1: Transmit at 2402MHz by LE_1Mbps	



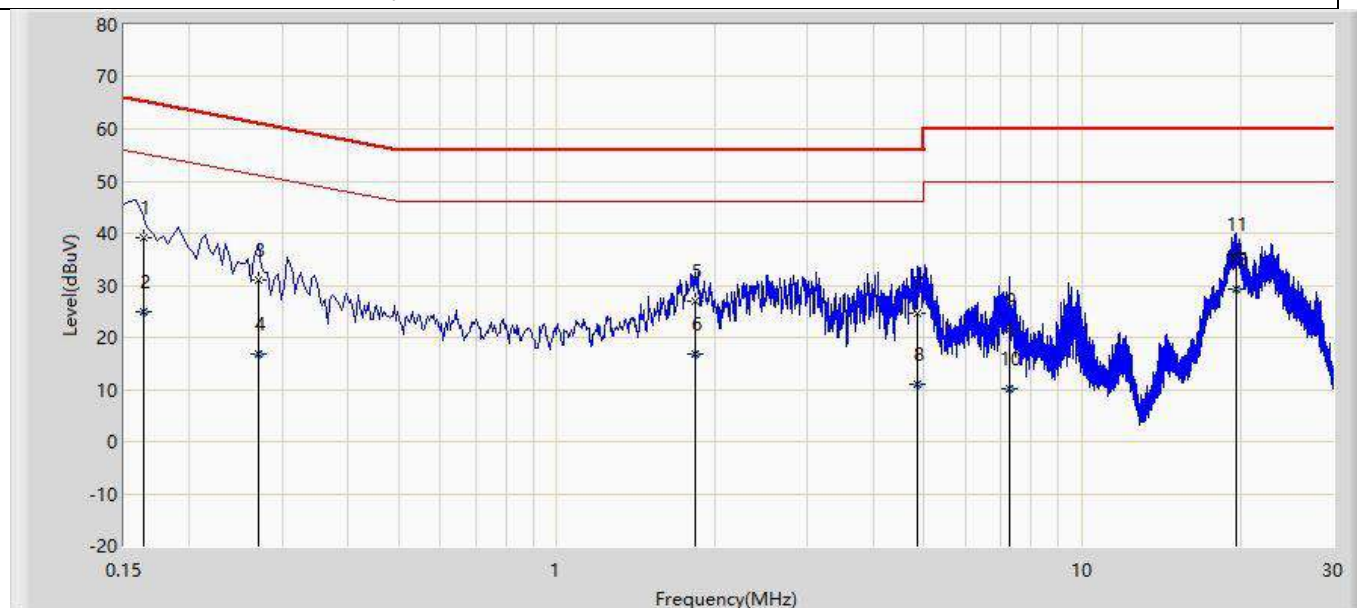
N o	Mar k	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	38.851	24.632	4.441	-15.368	40.000	20.192	QP
2		90.261	25.012	9.063	-18.488	43.500	15.950	QP
3		138.883	26.353	7.992	-17.147	43.500	18.361	QP
4		149.553	27.018	9.561	-16.482	43.500	17.457	QP
5		217.937	28.560	12.065	-17.440	46.000	16.495	QP
6		736.888	30.387	2.113	-15.613	46.000	28.274	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)
3. The test frequency range, 18GHz~40GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.

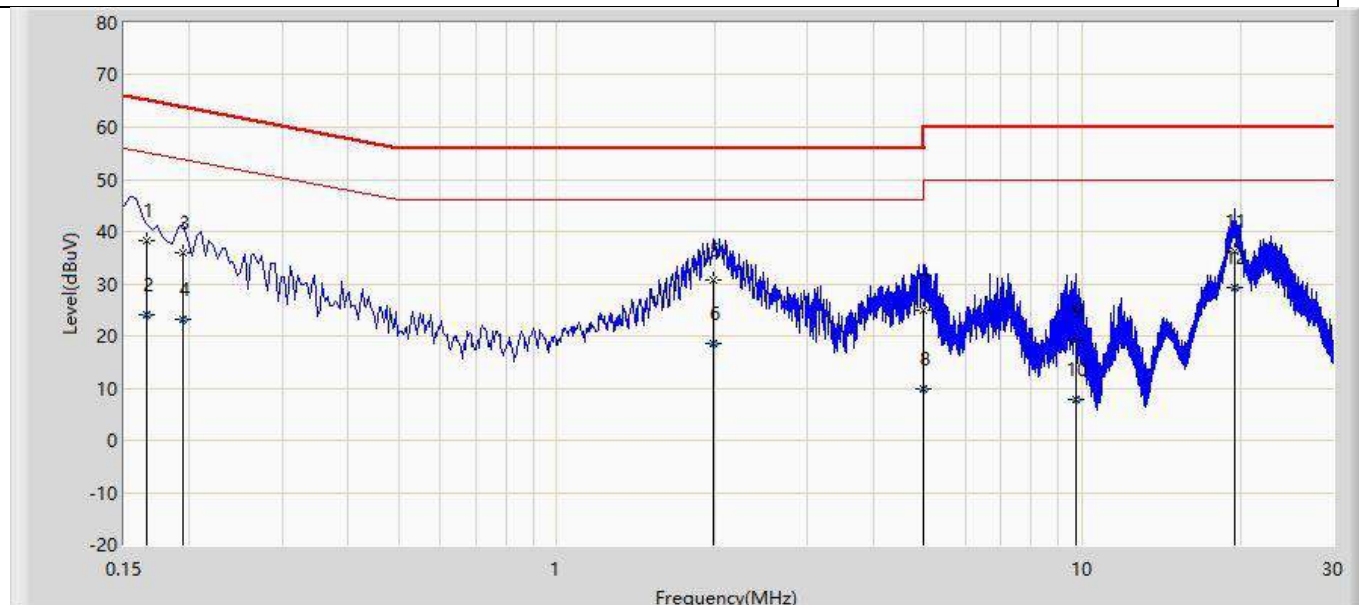
Appendix I: AC Power Line Conducted Emission

Profile: 24B0863R	Page No.: 1
Engineer: Yu Liu	
Site: TR1	Time: 2024/12/10 - 23:09
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1:Transmit at 2402MHz by LE_1Mbps	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.164	39.113	29.489	-26.130	65.242	9.623	QP
2		0.164	24.952	15.328	-30.291	55.242	9.623	AV
3		0.270	30.944	21.318	-30.174	61.118	9.626	QP
4		0.270	16.758	7.132	-34.359	51.118	9.626	AV
5		1.834	26.970	17.279	-29.030	56.000	9.691	QP
6		1.834	16.703	7.012	-29.297	46.000	9.691	AV
7		4.862	24.765	15.008	-31.235	56.000	9.757	QP
8		4.862	11.073	1.316	-34.927	46.000	9.757	AV
9		7.274	21.401	11.580	-38.599	60.000	9.821	QP
10		7.274	10.087	0.266	-39.913	50.000	9.821	AV
11		19.634	36.042	25.843	-23.958	60.000	10.199	QP
12	*	19.634	29.140	18.941	-20.860	50.000	10.199	AV

Profile: 24B0863R	Page No.: 2
Engineer: Yu Liu	
Site: TR1	Time: 2024/12/10 - 23:13
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: LED Lamp	Power: 120 Vac / 60 Hz
Note: Mode 1:Transmit at 2402MHz by LE_1Mbps	



N o	Mar k	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.166	38.159	28.529	-27.014	65.174	9.631	QP
2		0.166	24.170	14.539	-31.004	55.174	9.631	AV
3		0.194	35.972	26.340	-27.891	63.864	9.632	QP
4		0.194	23.068	13.436	-30.796	53.864	9.632	AV
5		1.990	30.828	21.134	-25.172	56.000	9.695	QP
6		1.990	18.663	8.968	-27.337	46.000	9.695	AV
7		4.982	24.951	15.181	-31.049	56.000	9.770	QP
8		4.982	9.767	-0.003	-36.233	46.000	9.770	AV
9		9.702	19.235	9.352	-40.765	60.000	9.883	QP
10		9.702	7.820	-2.063	-42.180	50.000	9.883	AV
11		19.542	36.324	26.273	-23.676	60.000	10.051	QP
12	*	19.542	29.342	19.291	-20.658	50.000	10.051	AV

Note:

1. " * ", means this data is the worst emission level.

2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

3. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.

The End