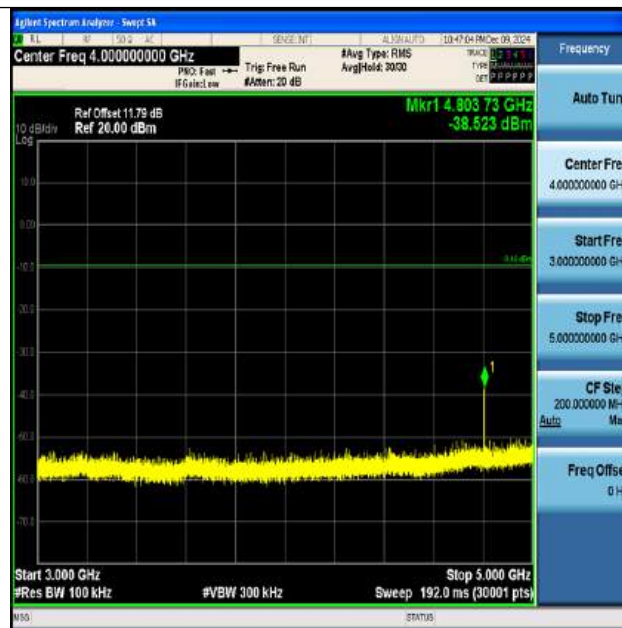
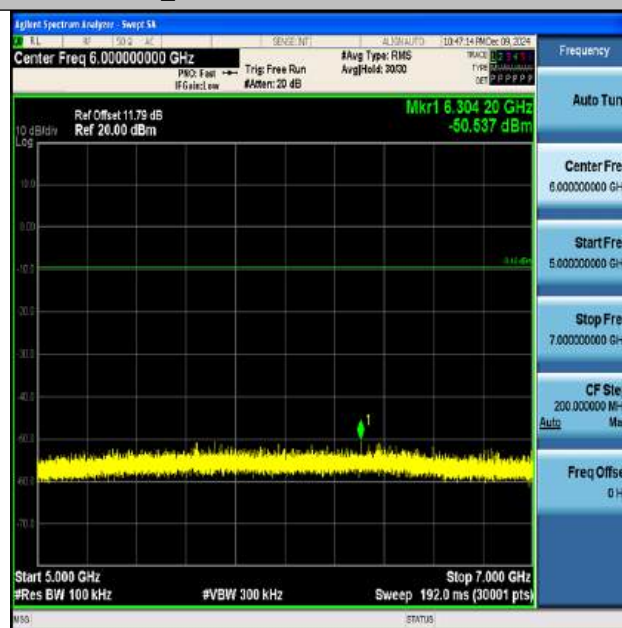
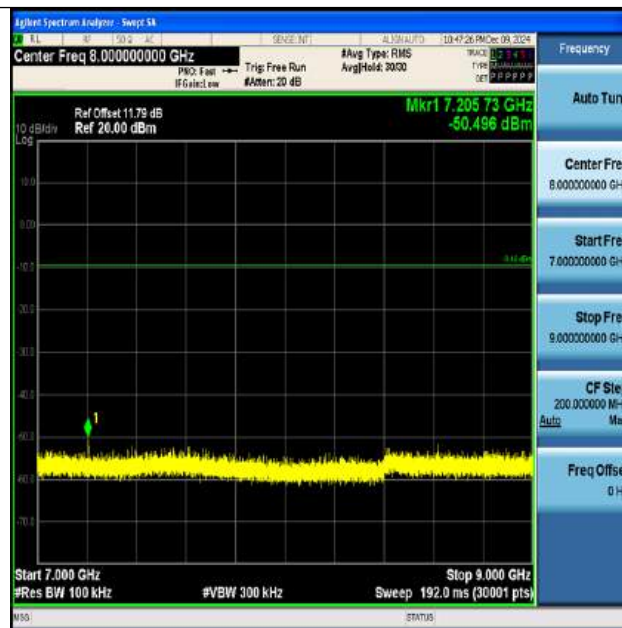




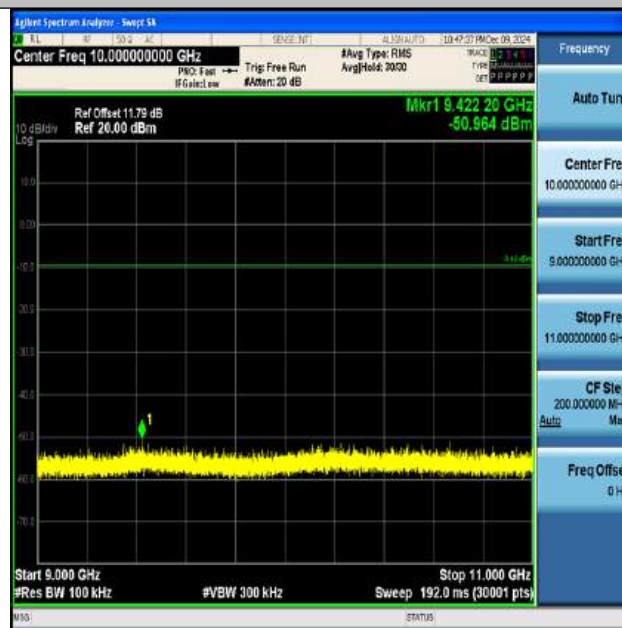
BLE_1M-Ant1-2402-3000~5000-PASS



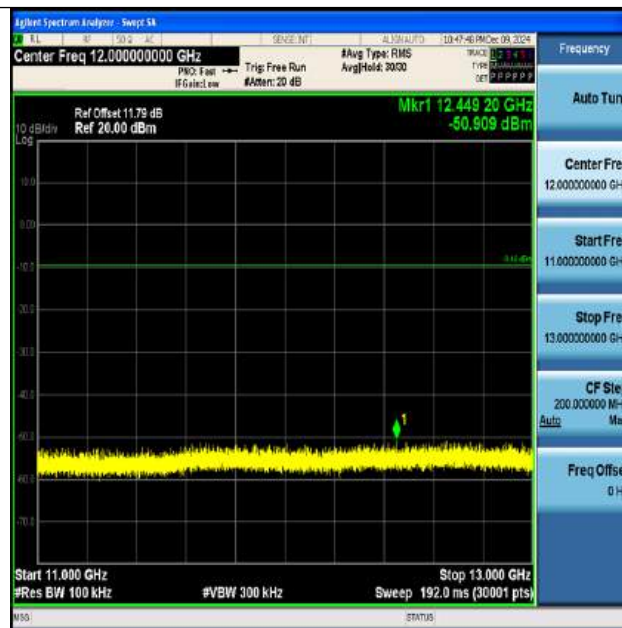
BLE_1M-Ant1-2402-5000~7000-PASS



BLE_1M-Ant1-2402-7000~9000-PASS



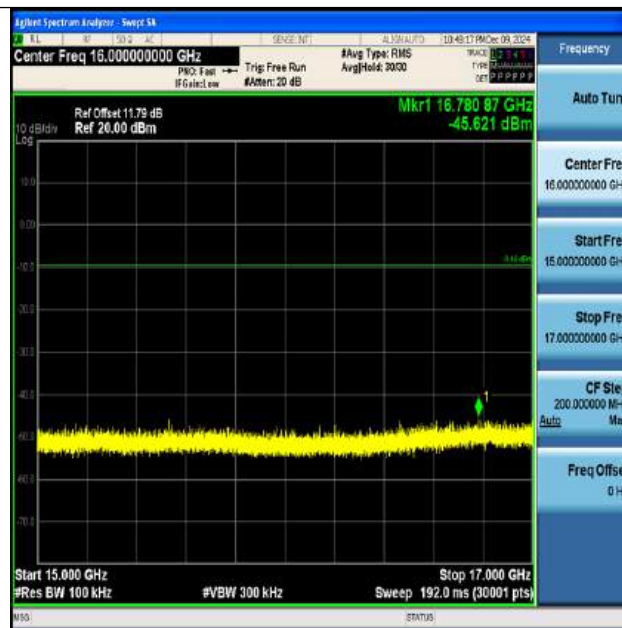
BLE_1M-Ant1-2402-9000~11000-PASS



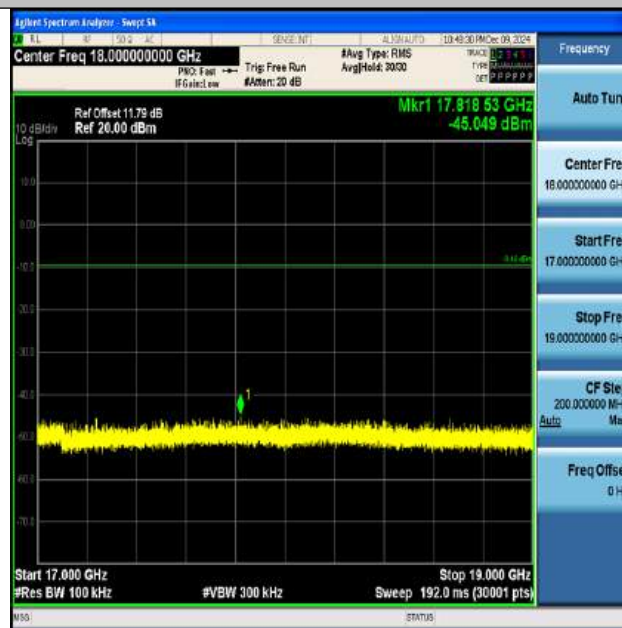
BLE_1M-Ant1-2402-11000~13000-PASS



BLE_1M-Ant1-2402-13000~15000-PASS



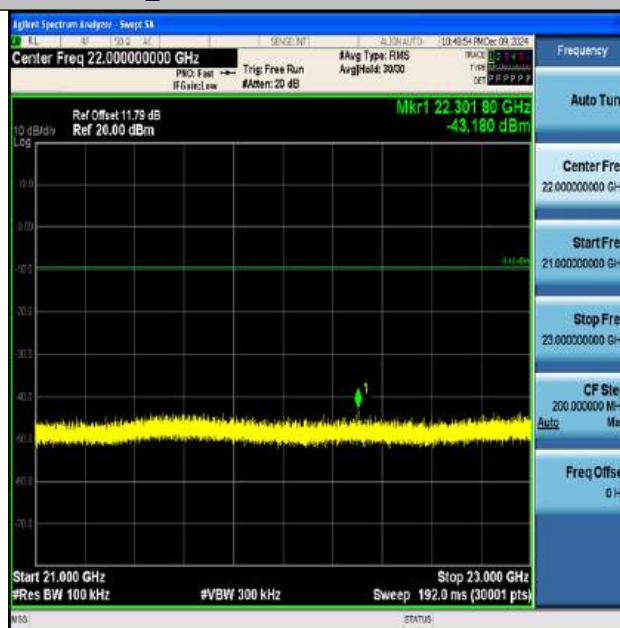
BLE_1M-Ant1-2402-15000~17000-PASS



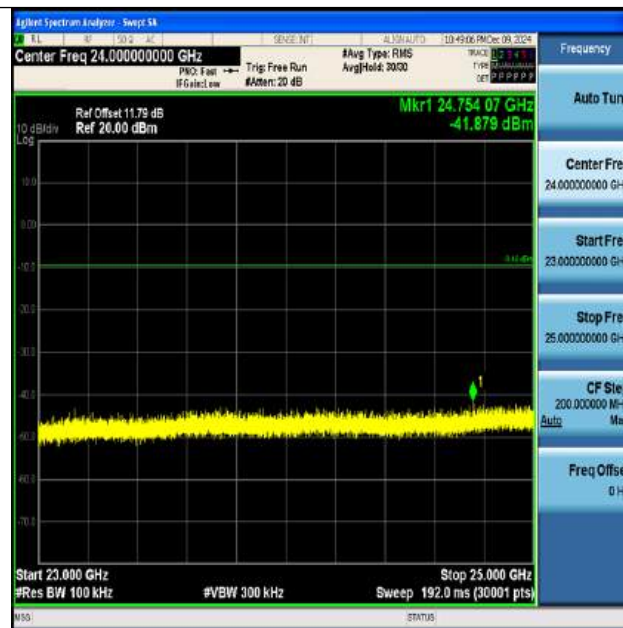
BLE_1M-Ant1-2402-17000~19000-PASS



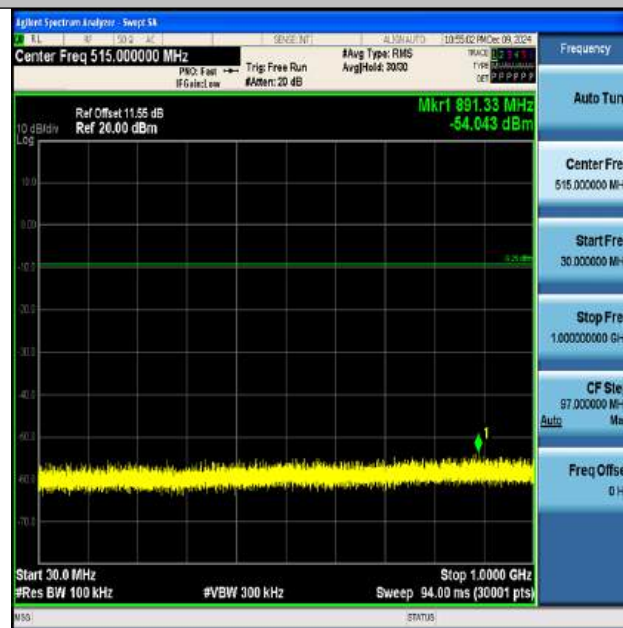
BLE_1M-Ant1-2402-19000~21000-PASS



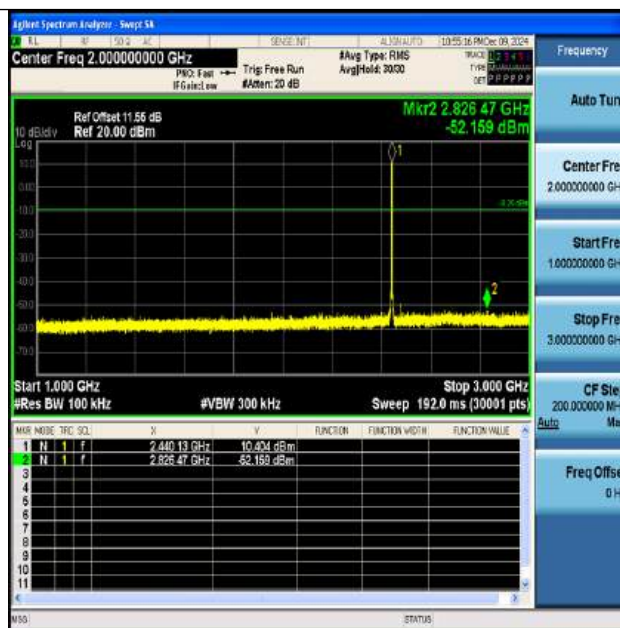
BLE_1M-Ant1-2402-21000~23000-PASS



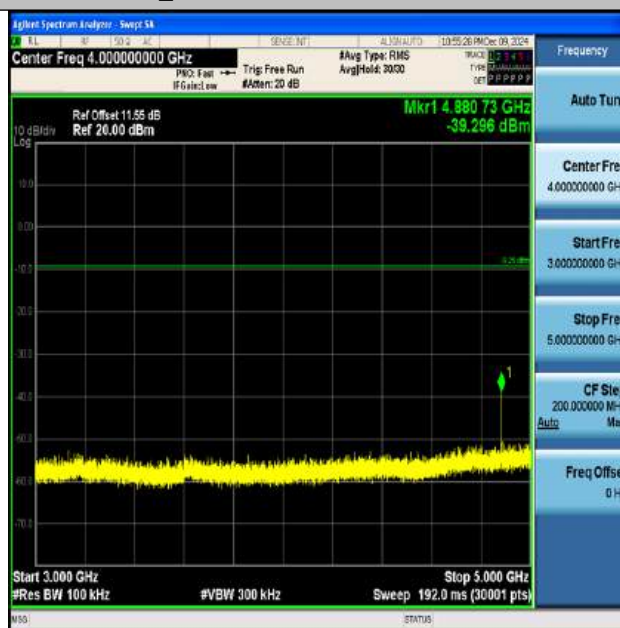
BLE_1M-Ant1-2402-23000~25000-PASS



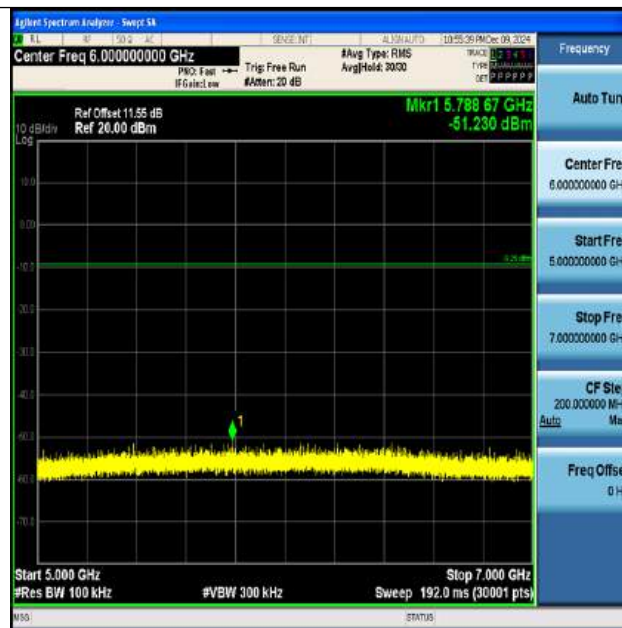
BLE_1M-Ant1-2440-30~1000-PASS



BLE_1M-Ant1-2440-1000~3000-PASS



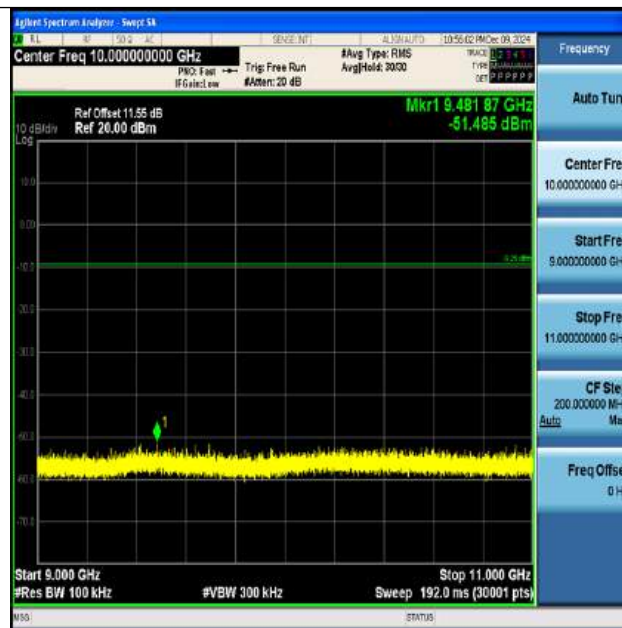
BLE_1M-Ant1-2440-3000~5000-PASS



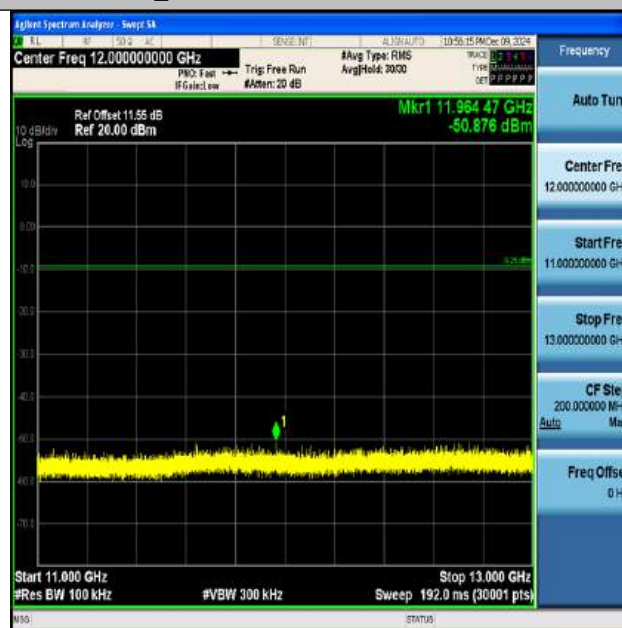
BLE_1M-Ant1-2440-5000~7000-PASS



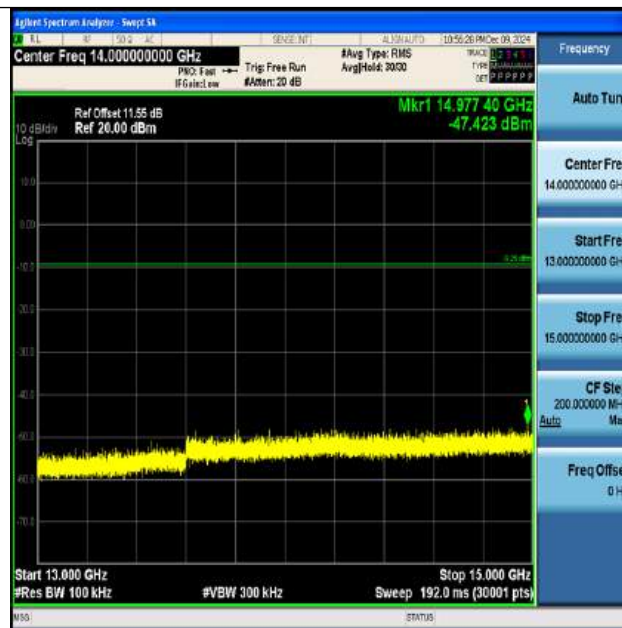
BLE_1M-Ant1-2440-7000~9000-PASS



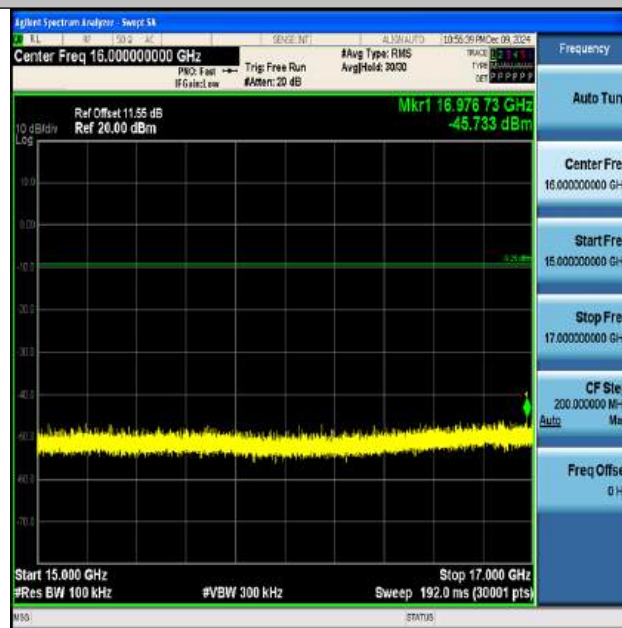
BLE_1M-Ant1-2440-9000~11000-PASS



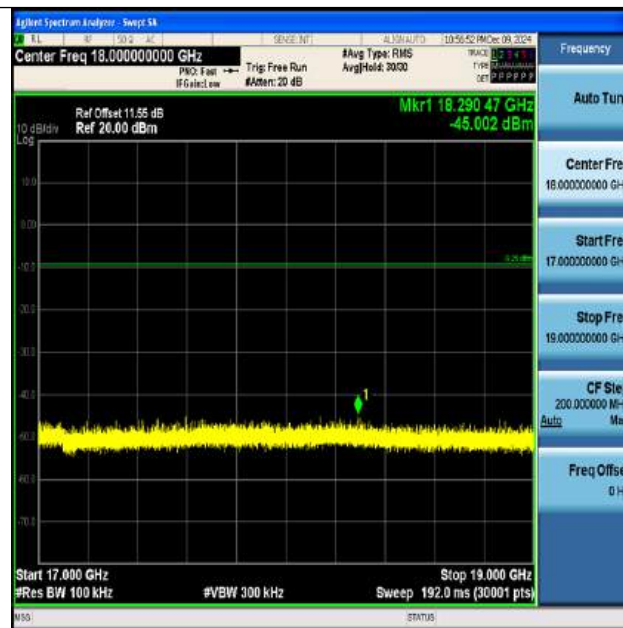
BLE_1M-Ant1-2440-11000~13000-PASS



BLE_1M-Ant1-2440-13000~15000-PASS



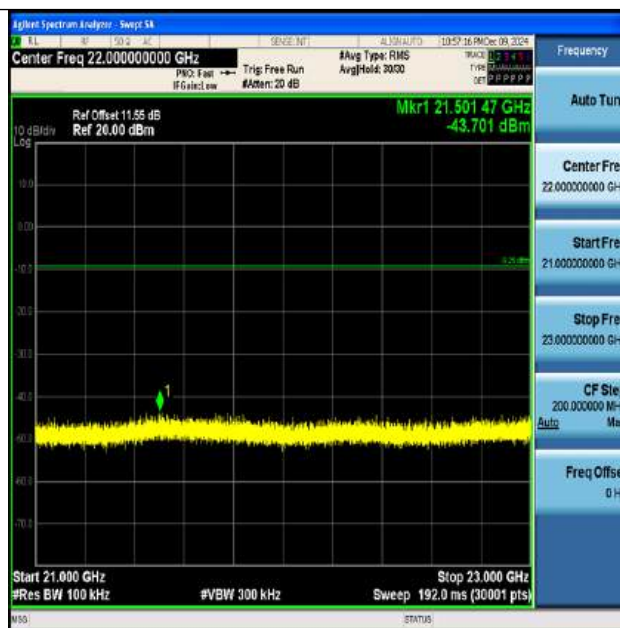
BLE_1M-Ant1-2440-15000~17000-PASS



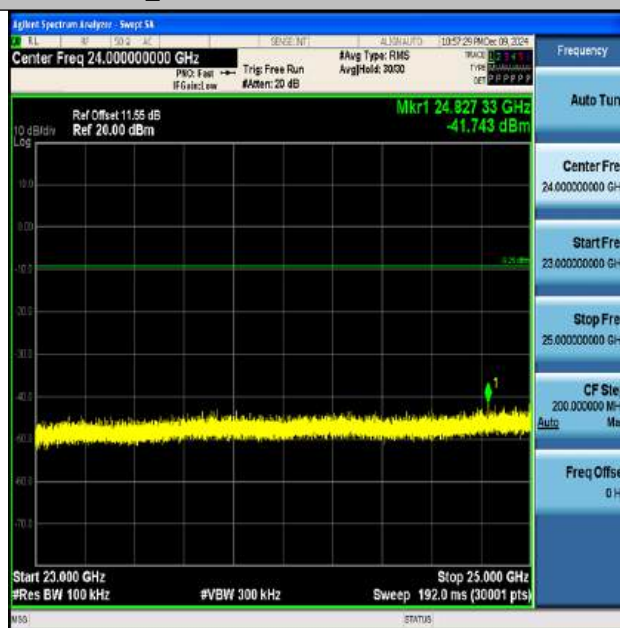
BLE_1M-Ant1-2440-17000~19000-PASS



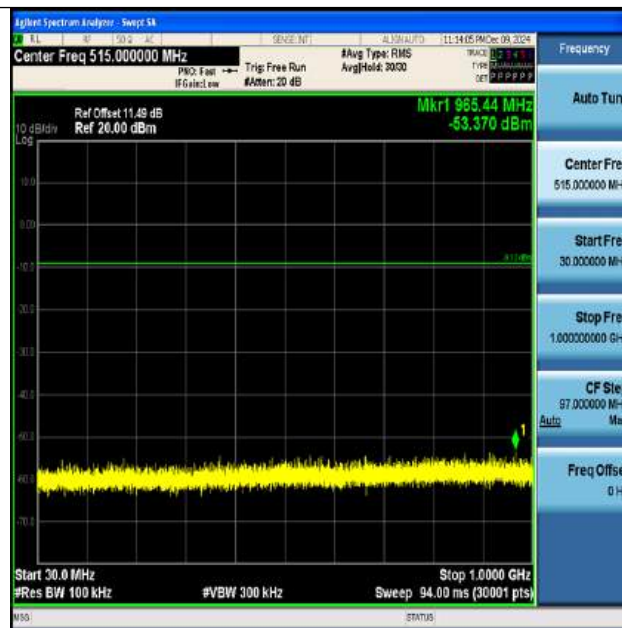
BLE_1M-Ant1-2440-19000~21000-PASS



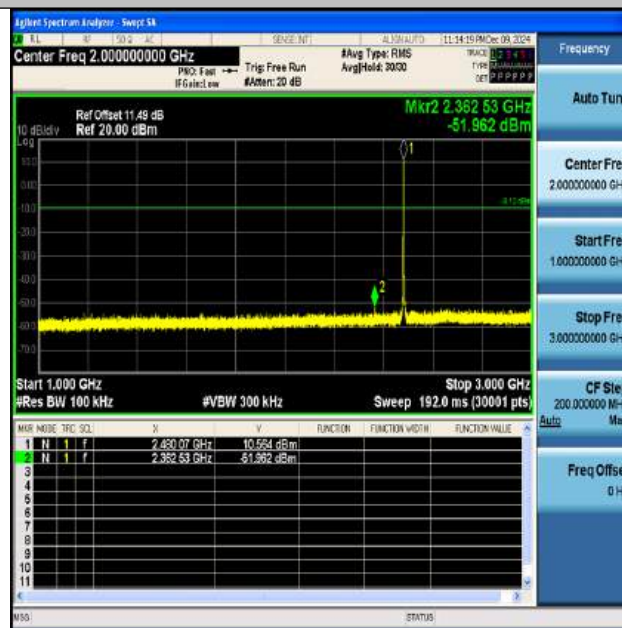
BLE_1M-Ant1-2440-21000~23000-PASS



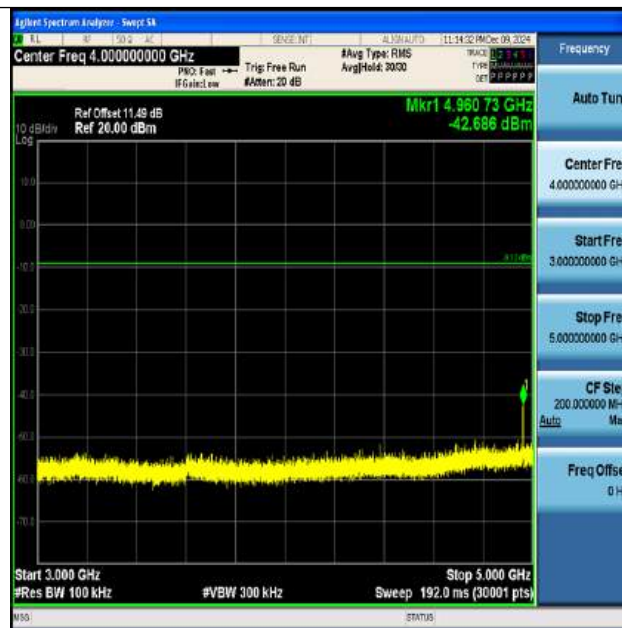
BLE_1M-Ant1-2440-23000~25000-PASS



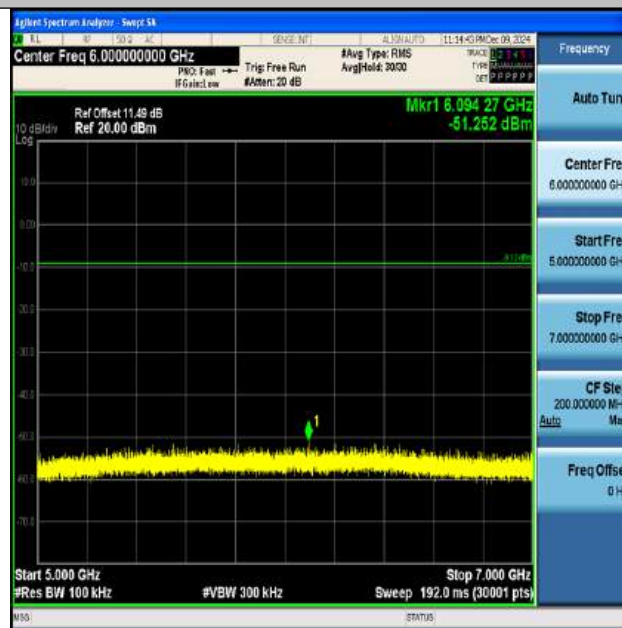
BLE_1M-Ant1-2480-30~1000-PASS



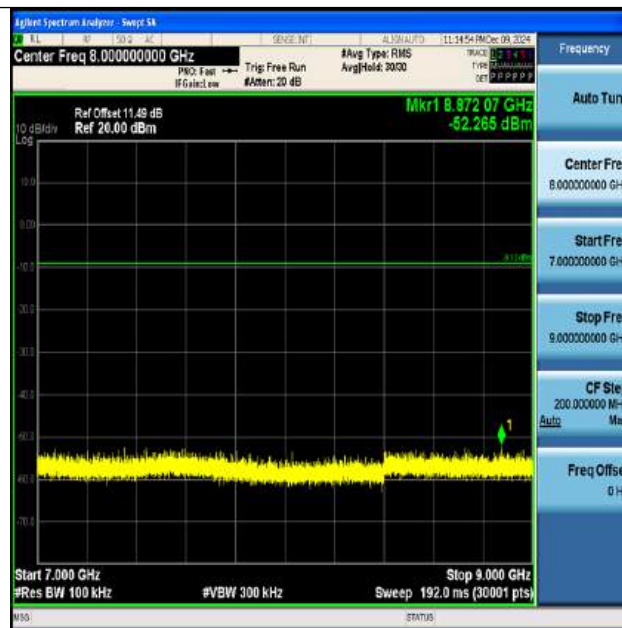
BLE_1M-Ant1-2480-1000~3000-PASS



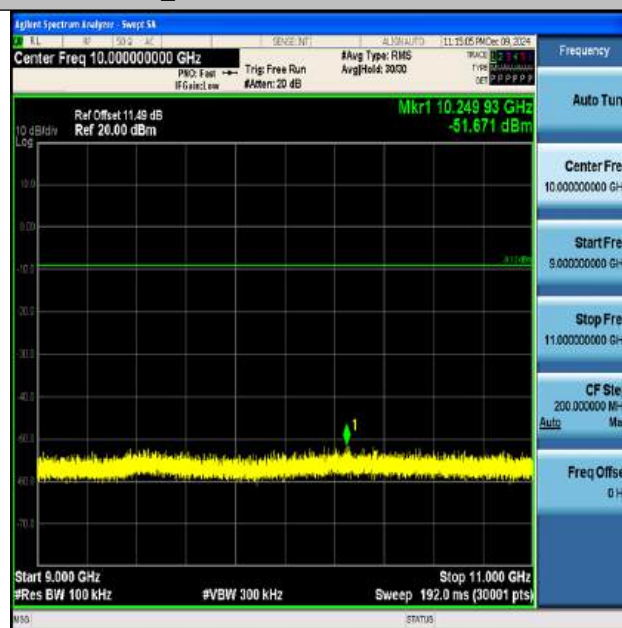
BLE_1M-Ant1-2480-3000~5000-PASS



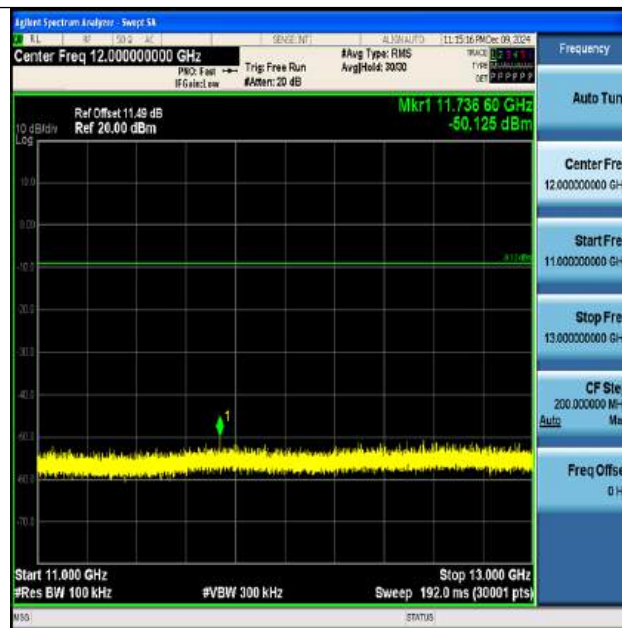
BLE_1M-Ant1-2480-5000~7000-PASS



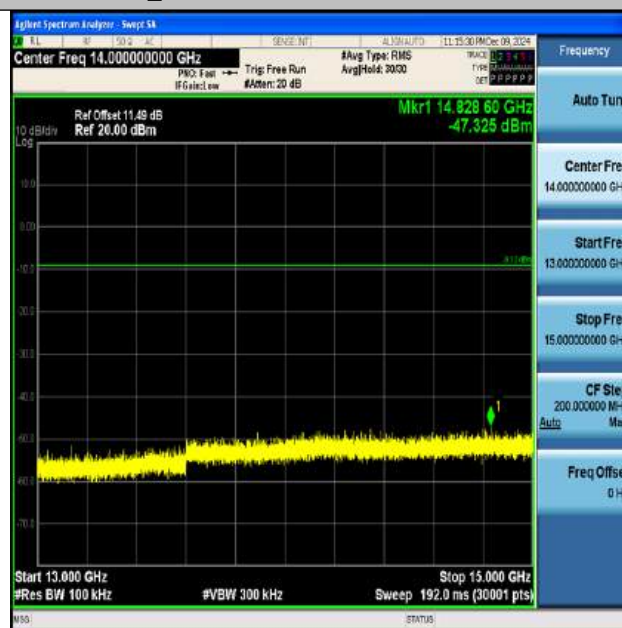
BLE_1M-Ant1-2480-7000~9000-PASS



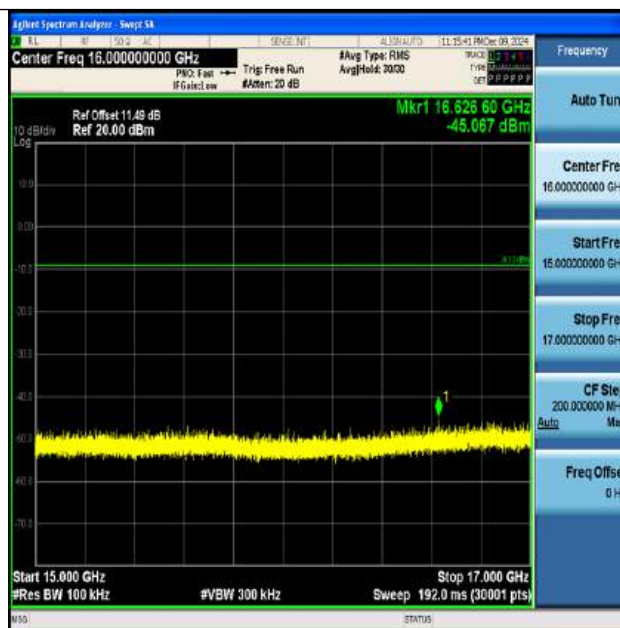
BLE_1M-Ant1-2480-9000~11000-PASS



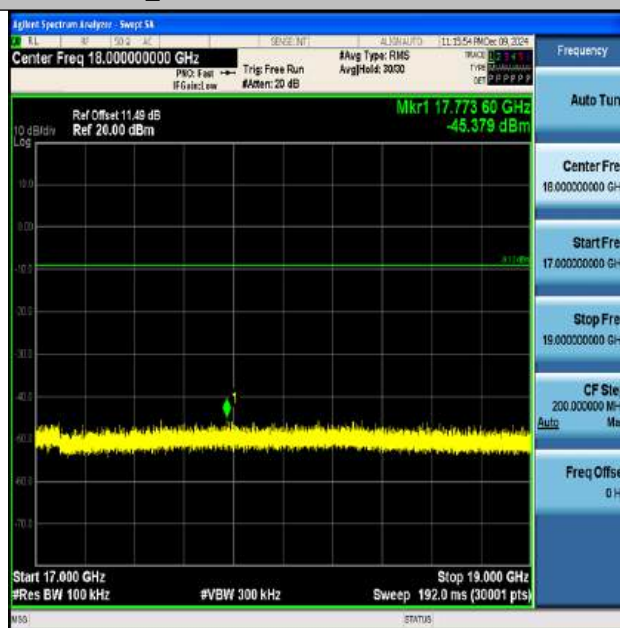
BLE_1M-Ant1-2480-11000~13000-PASS



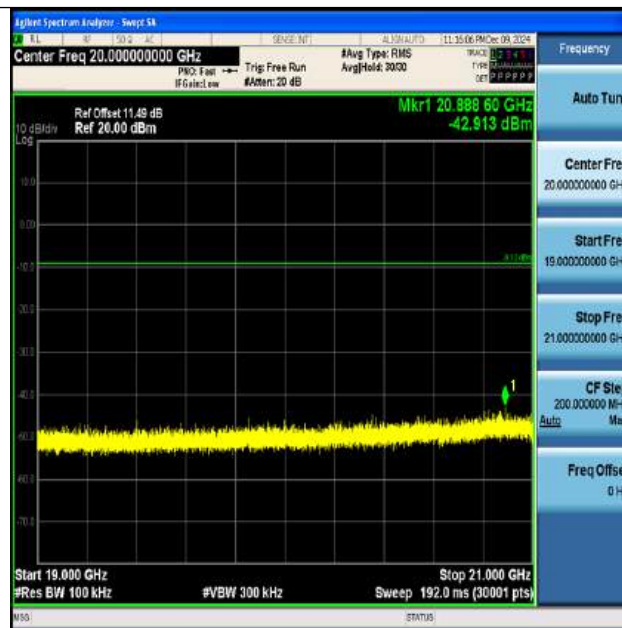
BLE_1M-Ant1-2480-13000~15000-PASS



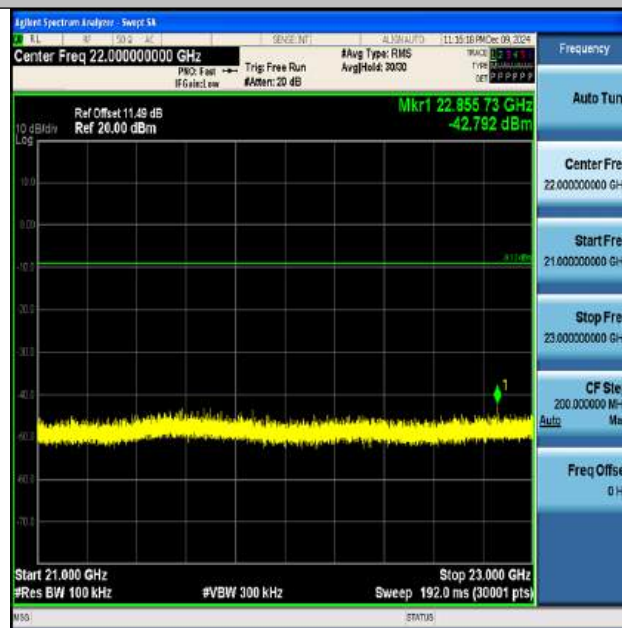
BLE_1M-Ant1-2480-15000~17000-PASS



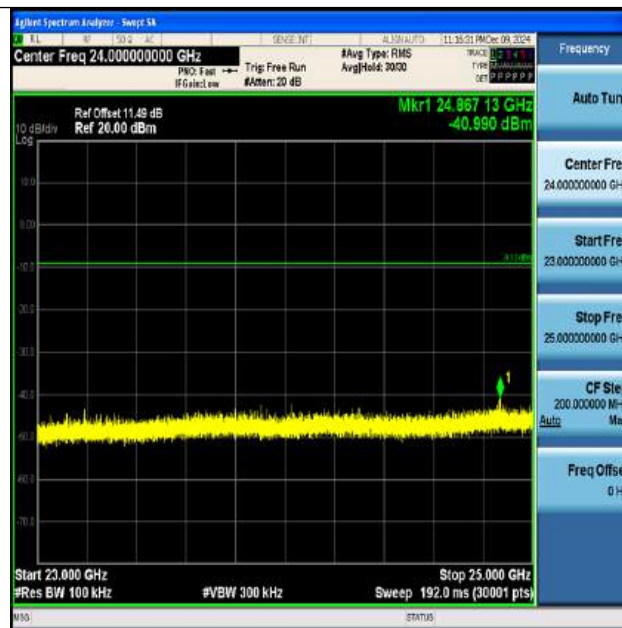
BLE_1M-Ant1-2480-17000~19000-PASS



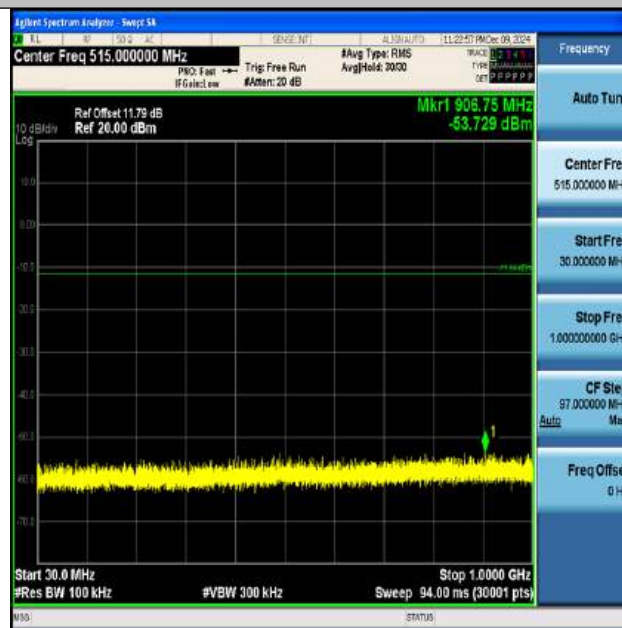
BLE_1M-Ant1-2480-19000~21000-PASS



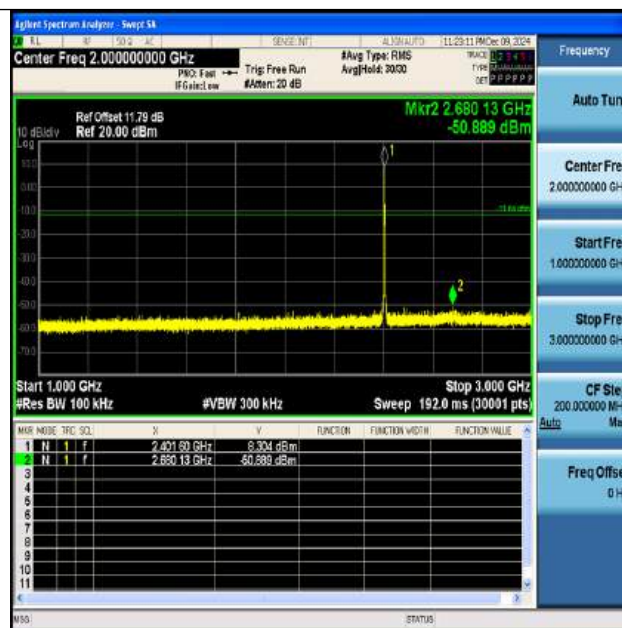
BLE_1M-Ant1-2480-21000~23000-PASS



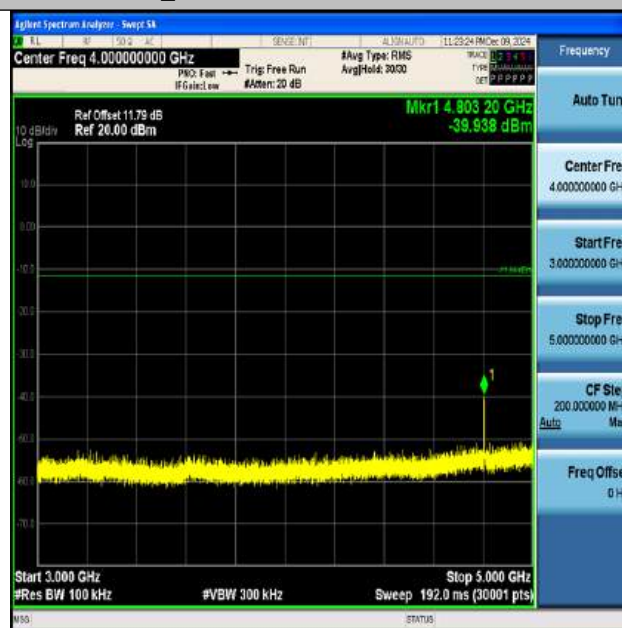
BLE_1M-Ant1-2480-23000~25000-PASS



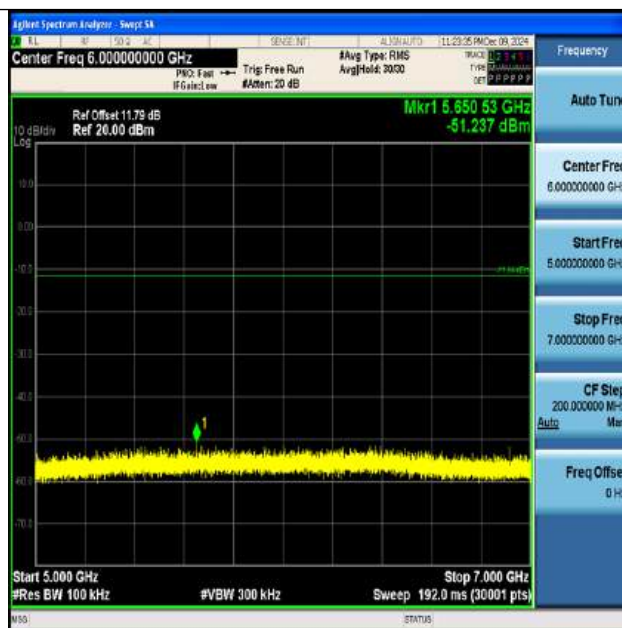
BLE_2M-Ant1-2402-30~1000-PASS



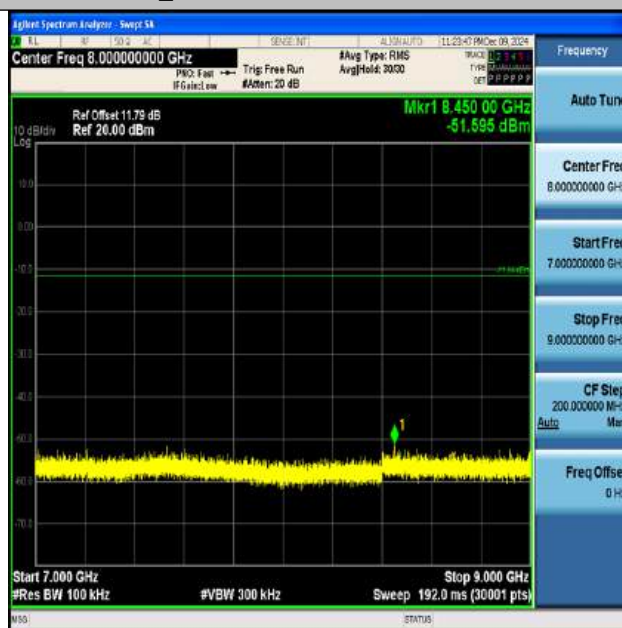
BLE_2M-Ant1-2402-1000~3000-PASS



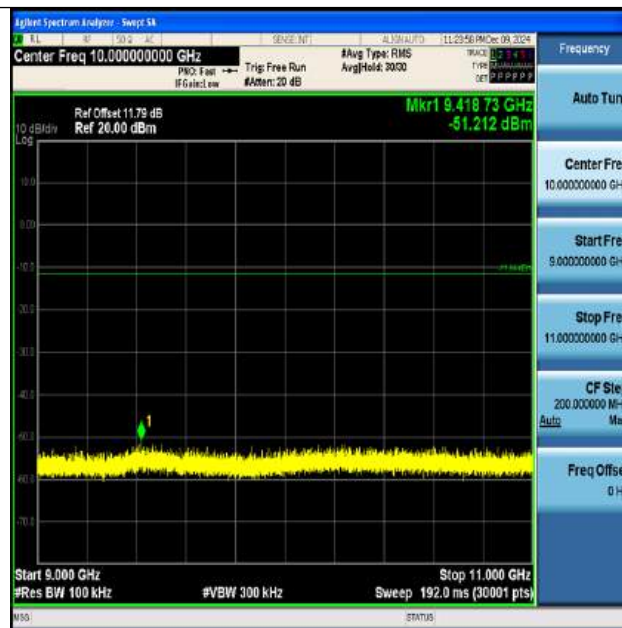
BLE_2M-Ant1-2402-3000~5000-PASS



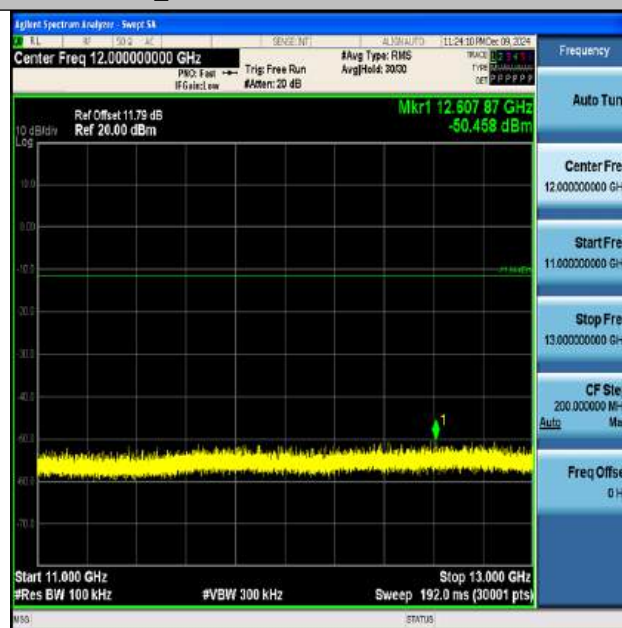
BLE_2M-Ant1-2402-5000~7000-PASS



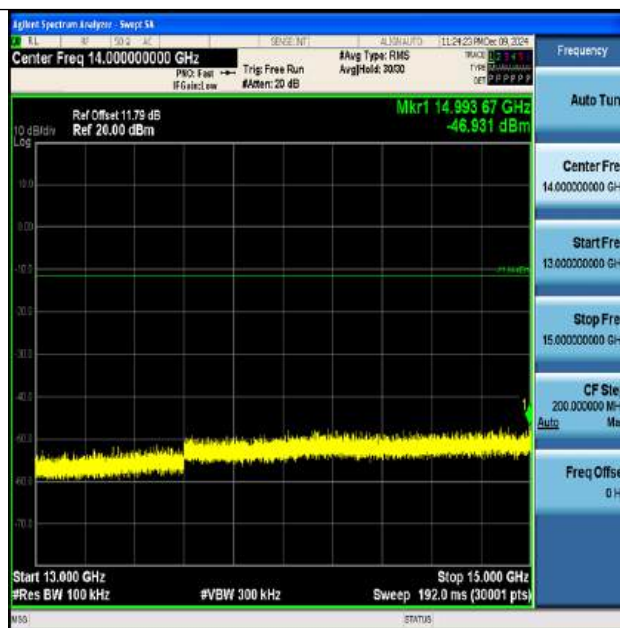
BLE_2M-Ant1-2402-7000~9000-PASS



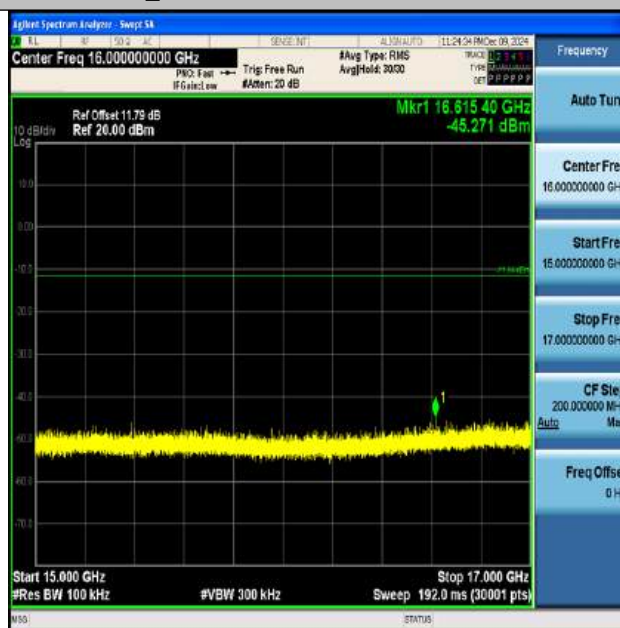
BLE_2M-Ant1-2402-9000~11000-PASS



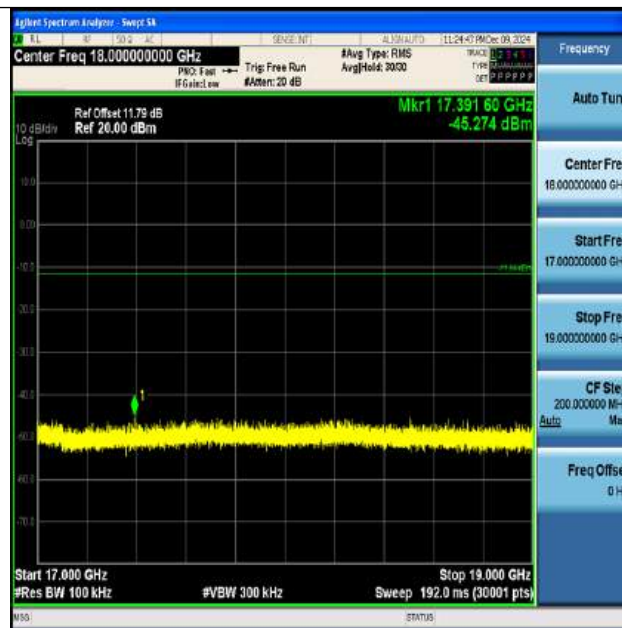
BLE_2M-Ant1-2402-11000~13000-PASS



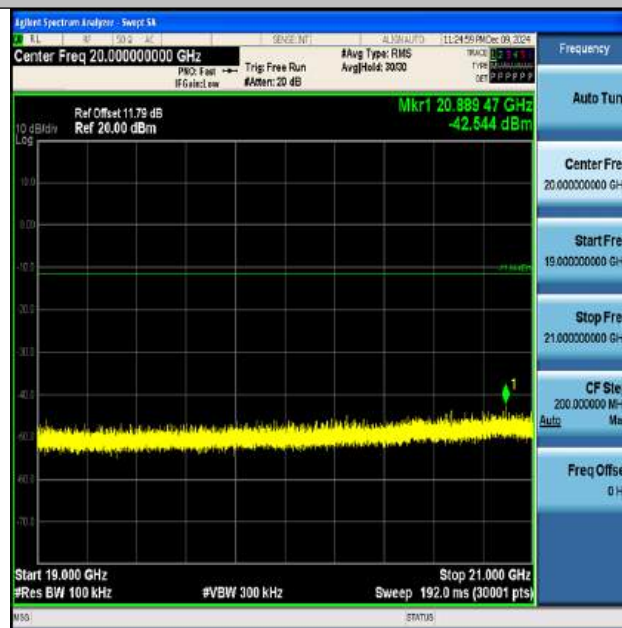
BLE_2M-Ant1-2402-13000~15000-PASS



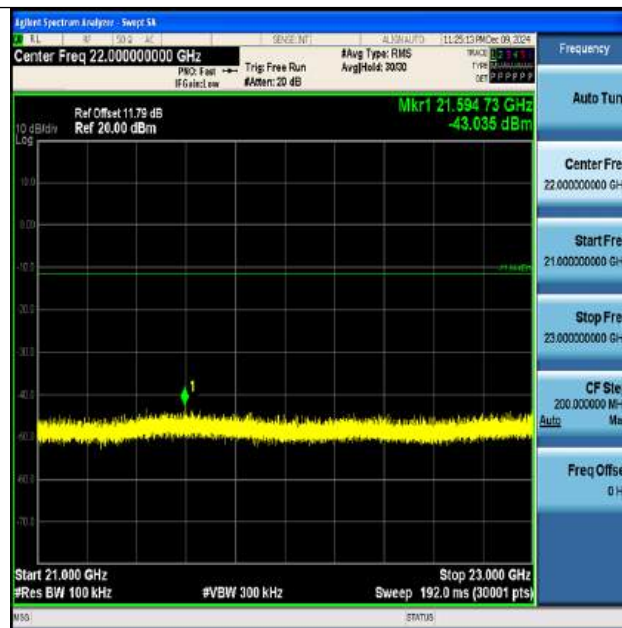
BLE_2M-Ant1-2402-15000~17000-PASS



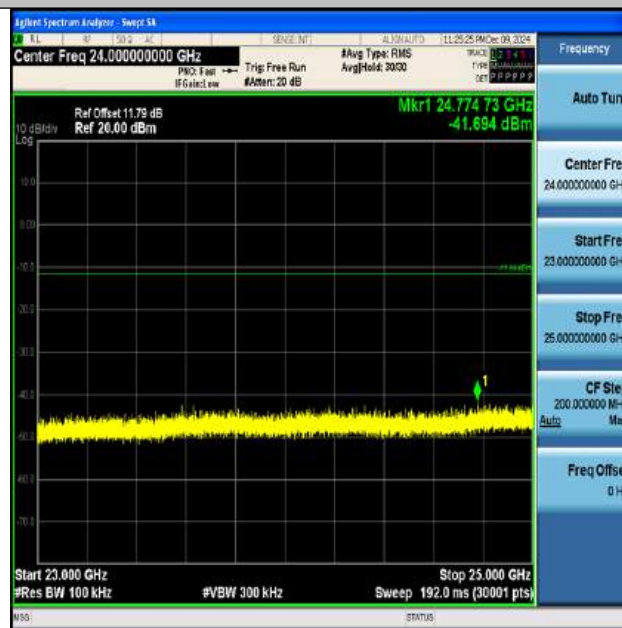
BLE_2M-Ant1-2402-17000~19000-PASS



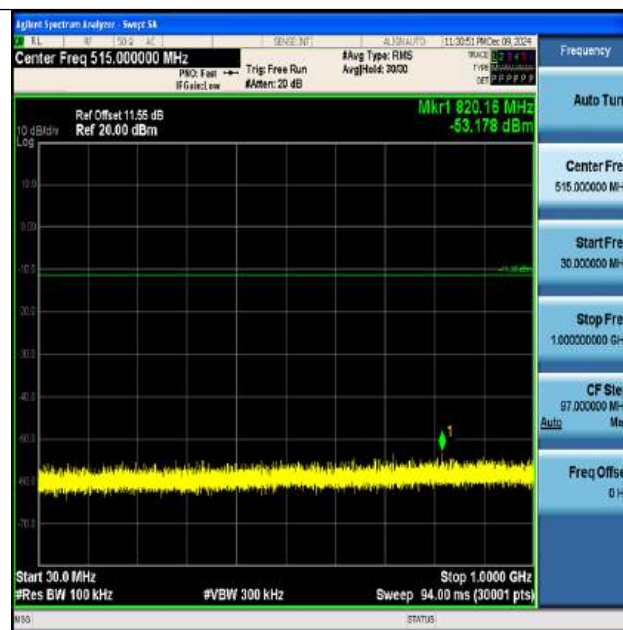
BLE_2M-Ant1-2402-19000~21000-PASS



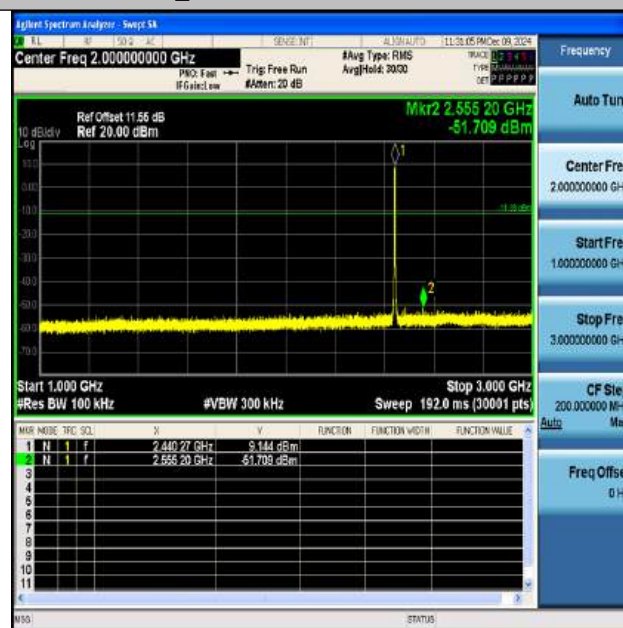
BLE_2M-Ant1-2402-21000~23000-PASS



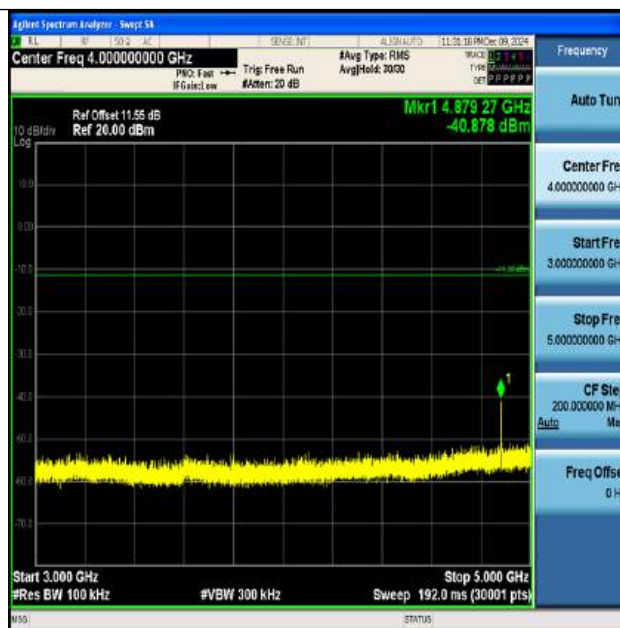
BLE_2M-Ant1-2402-23000~25000-PASS



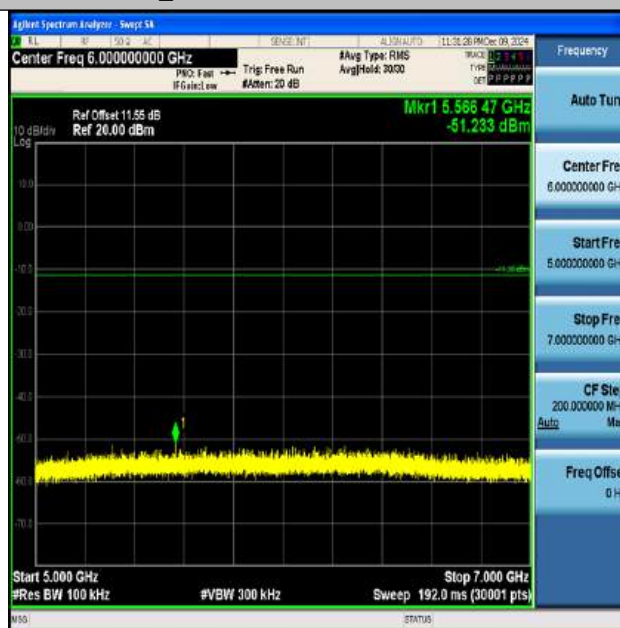
BLE_2M-Ant1-2440-30~1000-PASS



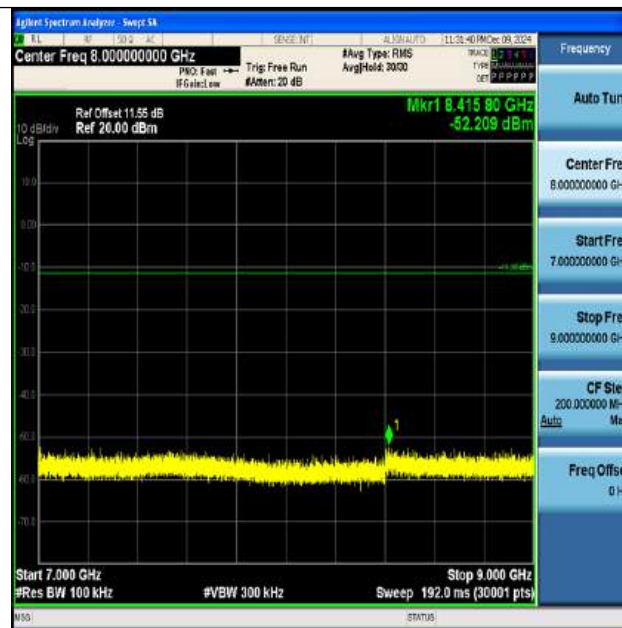
BLE_2M-Ant1-2440-1000~3000-PASS



BLE_2M-Ant1-2440-3000~5000-PASS



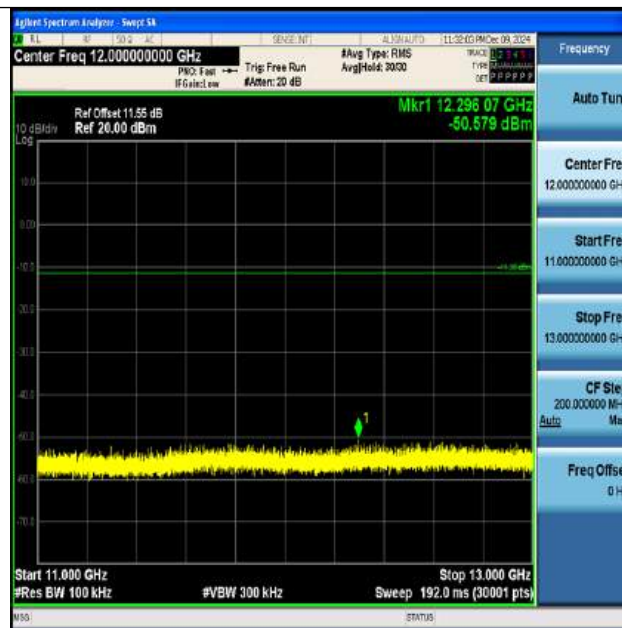
BLE_2M-Ant1-2440-5000~7000-PASS



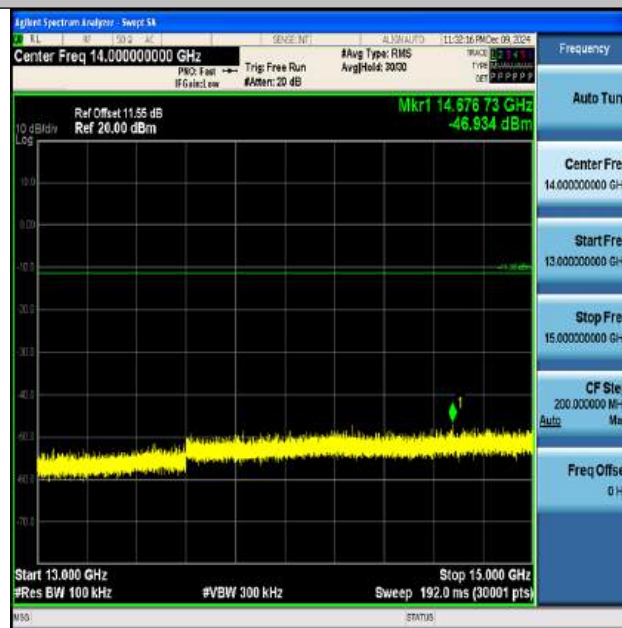
BLE_2M-Ant1-2440-7000~9000-PASS



BLE_2M-Ant1-2440-9000~11000-PASS



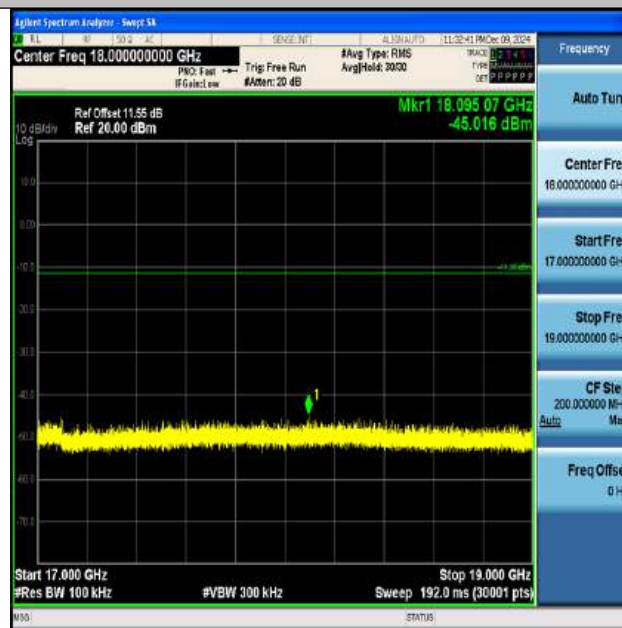
BLE_2M-Ant1-2440-11000~13000-PASS



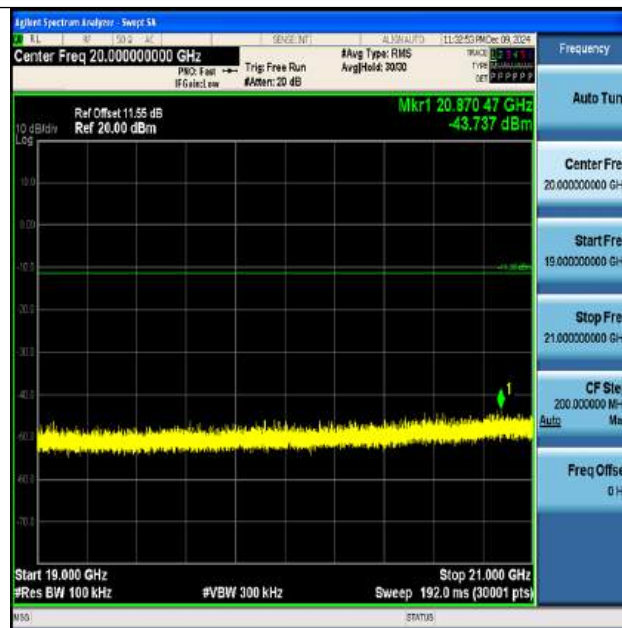
BLE_2M-Ant1-2440-13000~15000-PASS



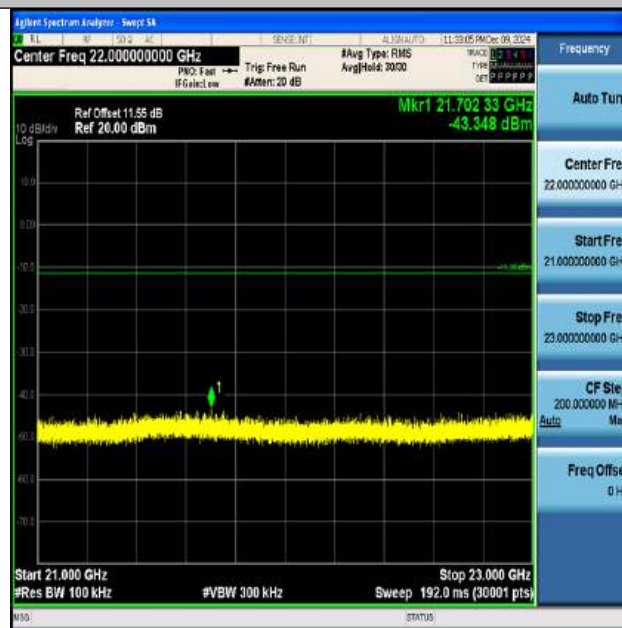
BLE_2M-Ant1-2440-15000~17000-PASS



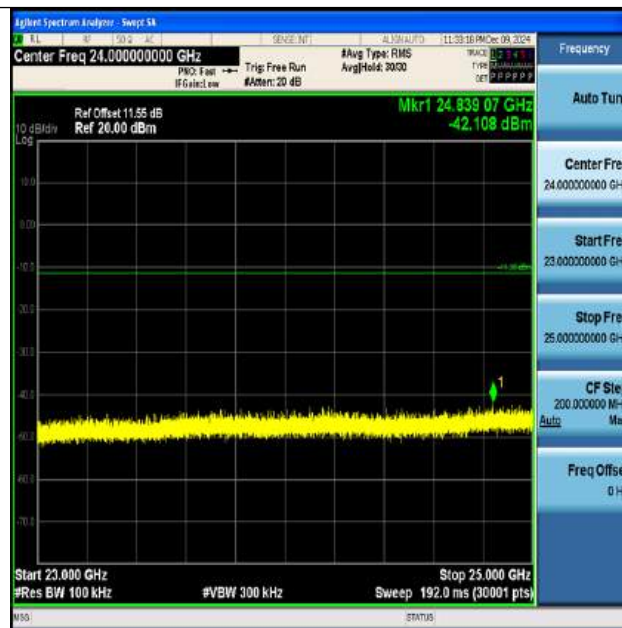
BLE_2M-Ant1-2440-17000~19000-PASS



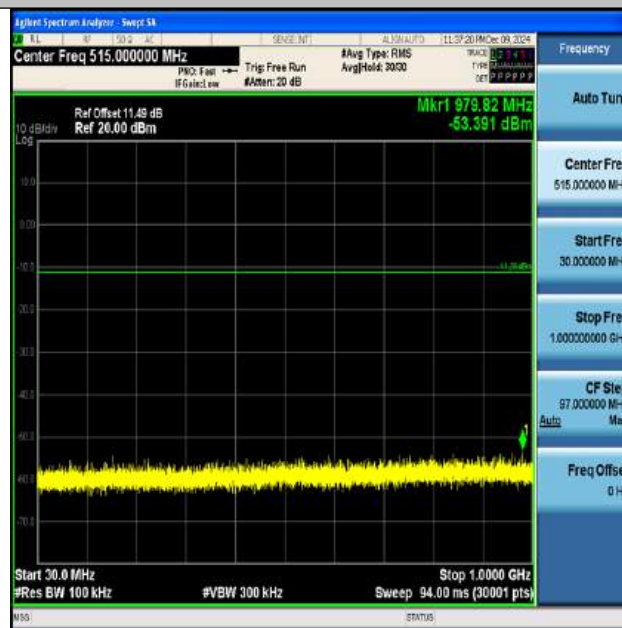
BLE_2M-Ant1-2440-19000~21000-PASS



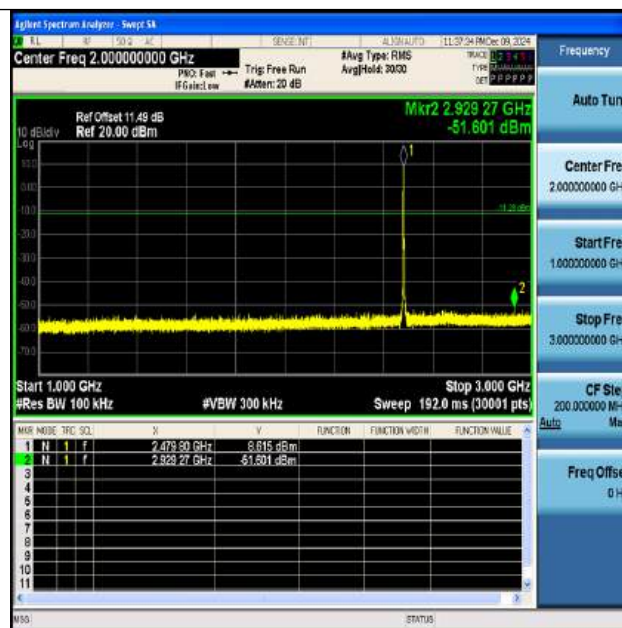
BLE_2M-Ant1-2440-21000~23000-PASS



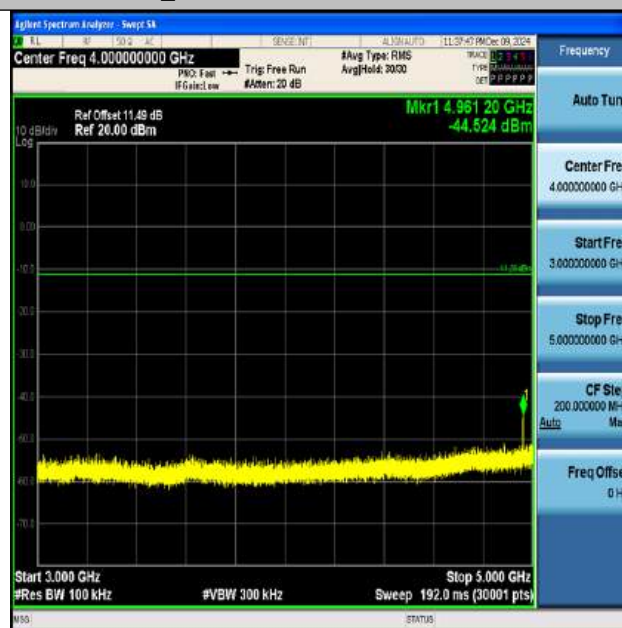
BLE_2M-Ant1-2440-23000~25000-PASS



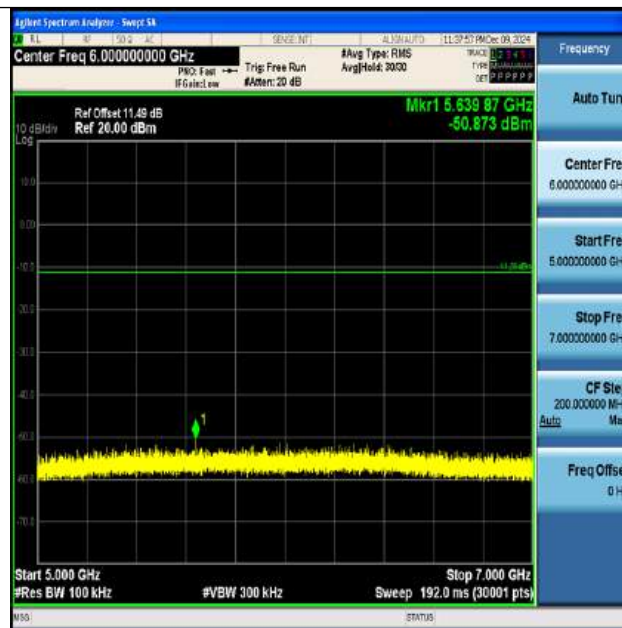
BLE_2M-Ant1-2480-30~1000-PASS



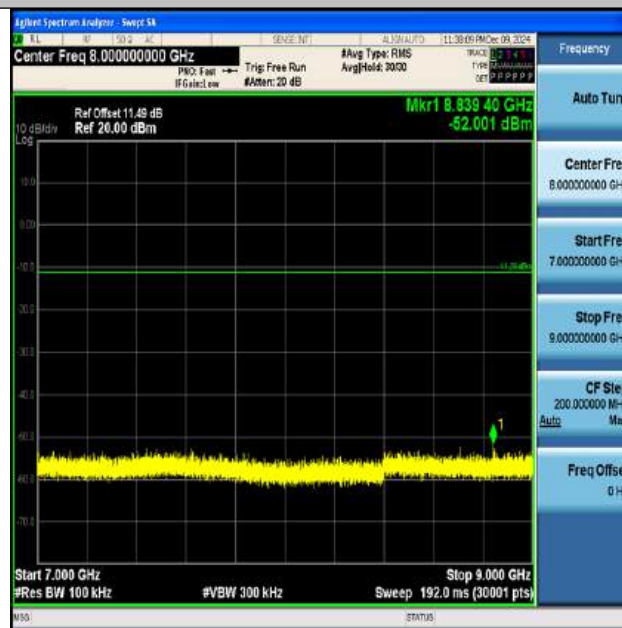
BLE_2M-Ant1-2480-1000~3000-PASS



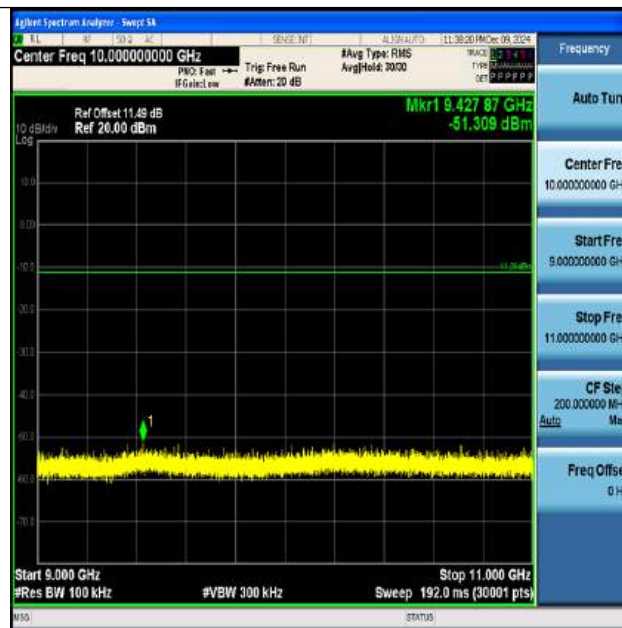
BLE_2M-Ant1-2480-3000~5000-PASS



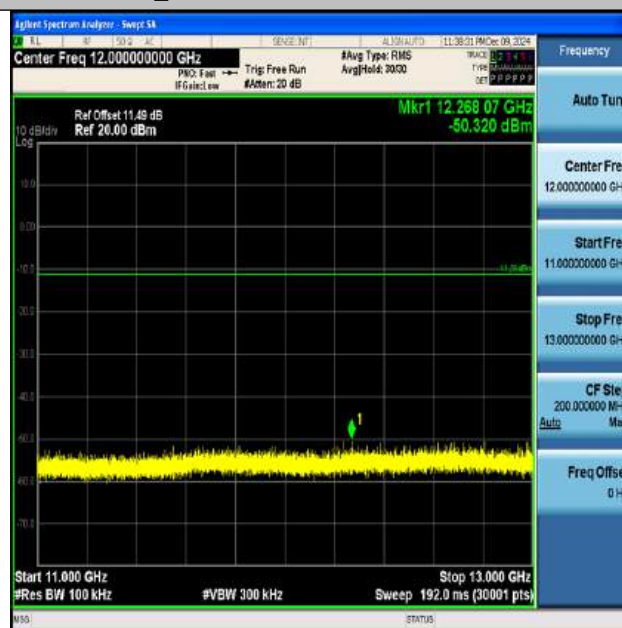
BLE_2M-Ant1-2480-5000~7000-PASS



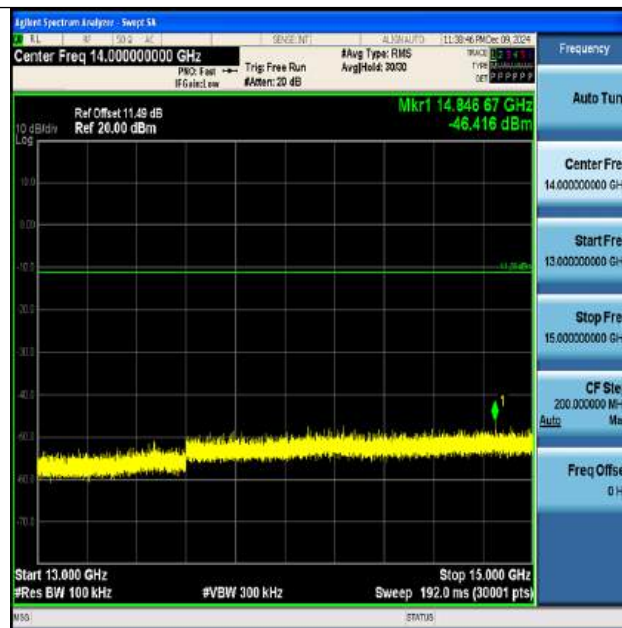
BLE_2M-Ant1-2480-7000~9000-PASS



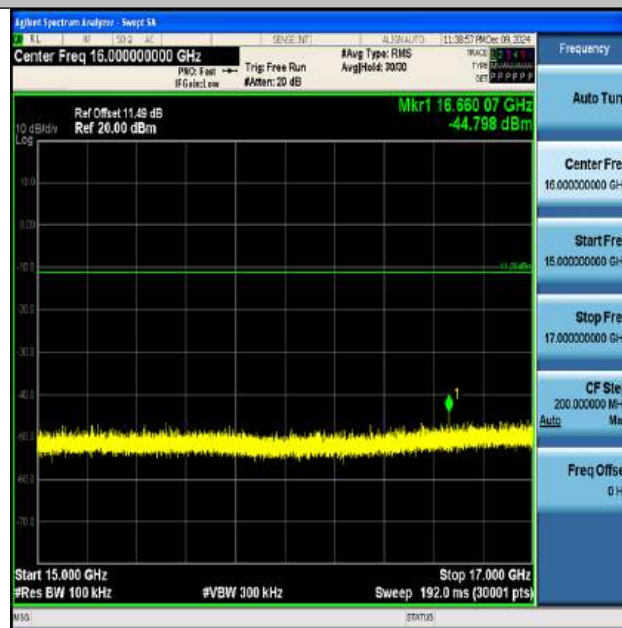
BLE_2M-Ant1-2480-9000~11000-PASS



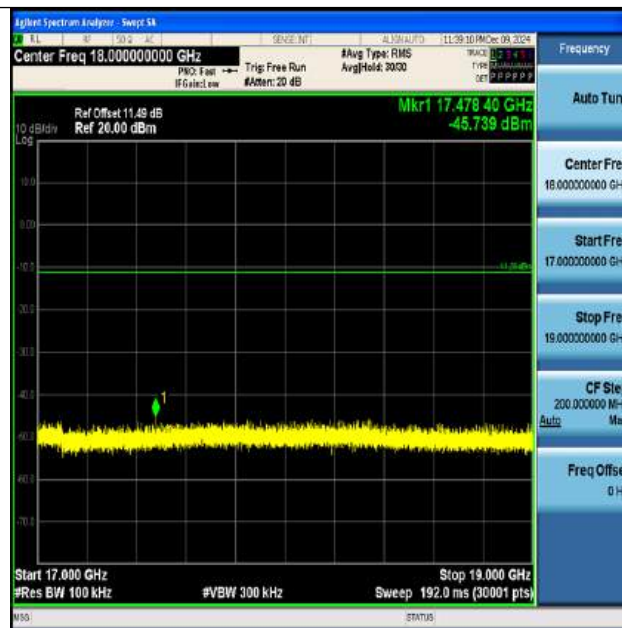
BLE_2M-Ant1-2480-11000~13000-PASS



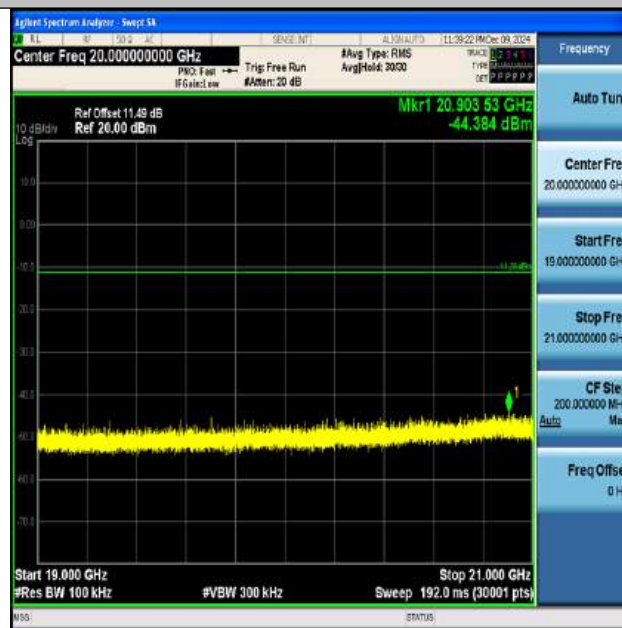
BLE_2M-Ant1-2480-13000~15000-PASS



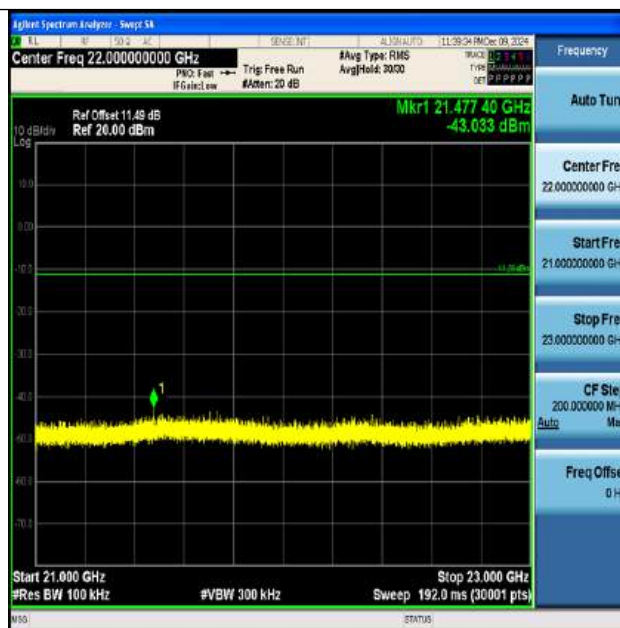
BLE_2M-Ant1-2480-15000~17000-PASS



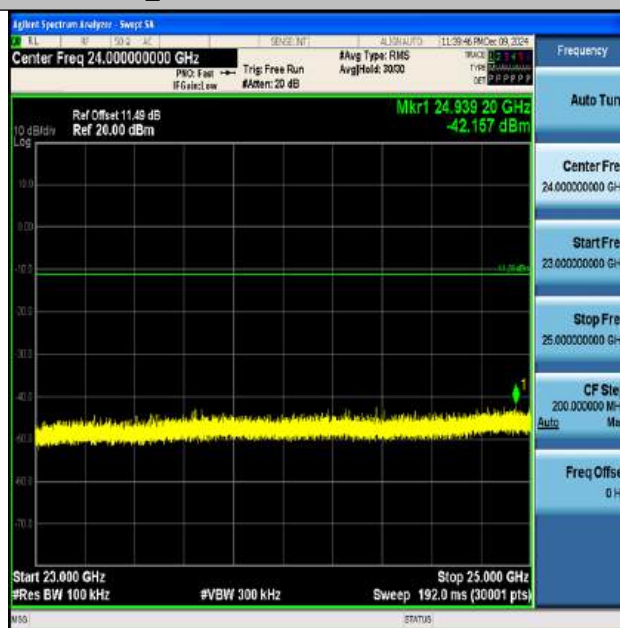
BLE_2M-Ant1-2480-17000~19000-PASS



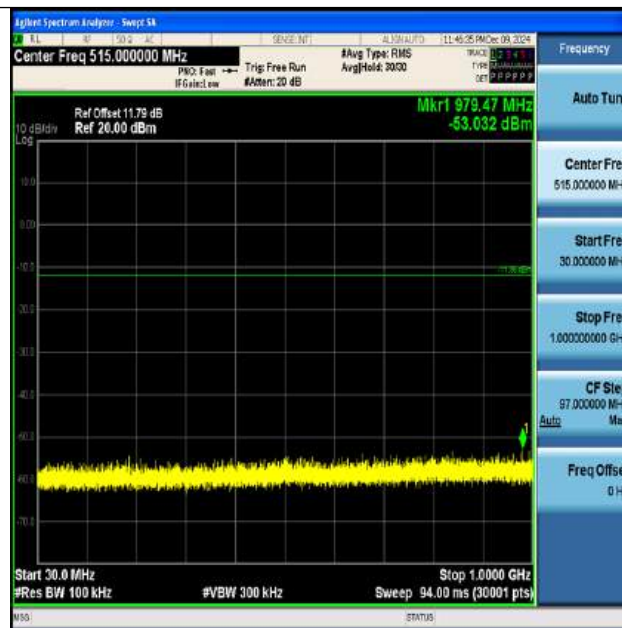
BLE_2M-Ant1-2480-19000~21000-PASS



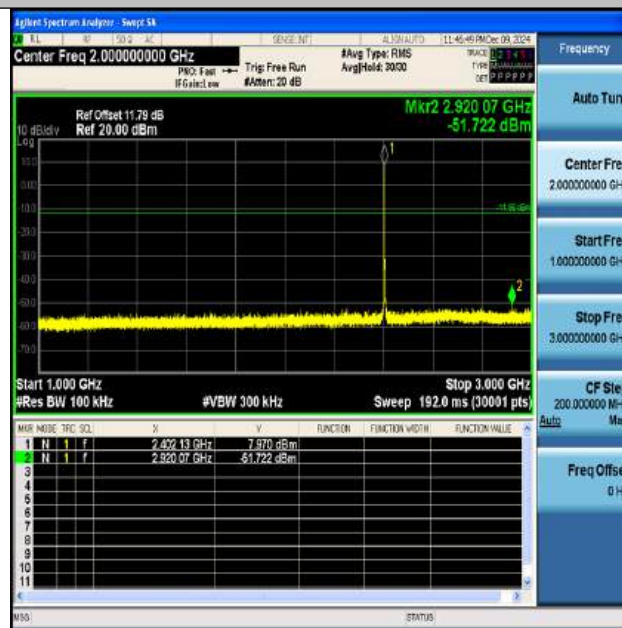
BLE_2M-Ant1-2480-21000~23000-PASS



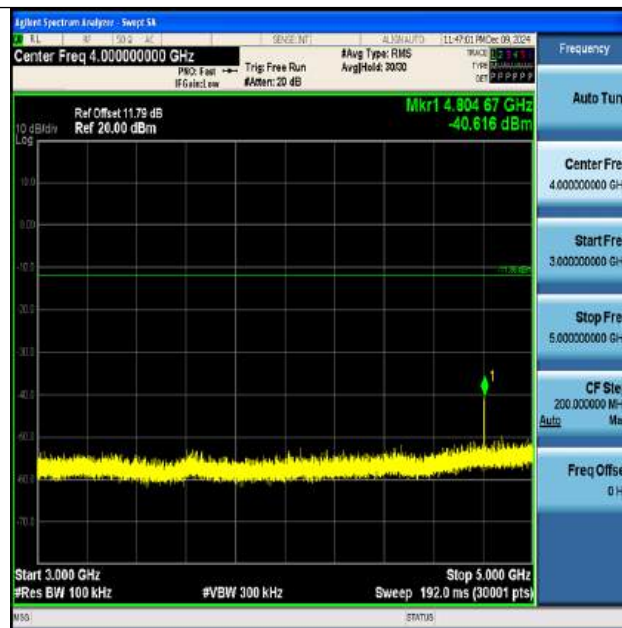
BLE_2M-Ant1-2480-23000~25000-PASS



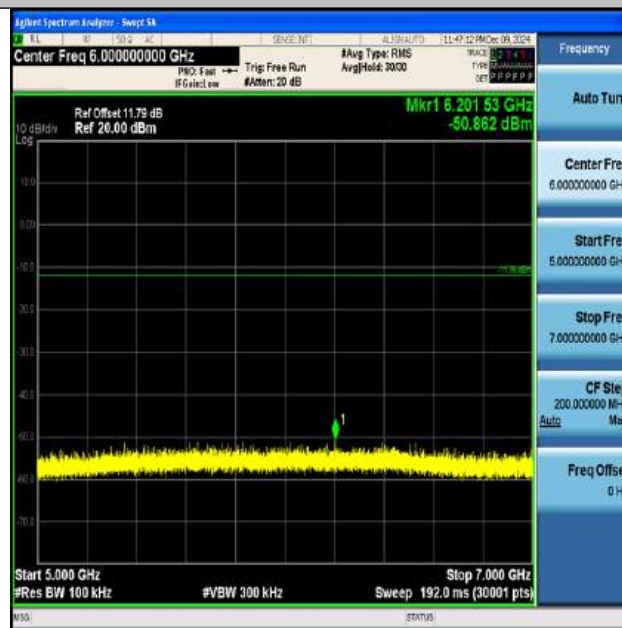
BLE_125K-Ant1-2402-30~1000-PASS



BLE_125K-Ant1-2402-1000~3000-PASS



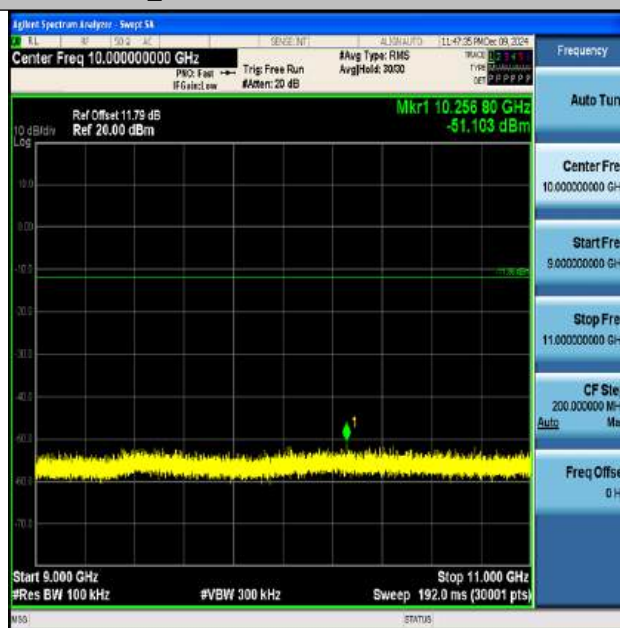
BLE_125K-Ant1-2402-3000~5000-PASS



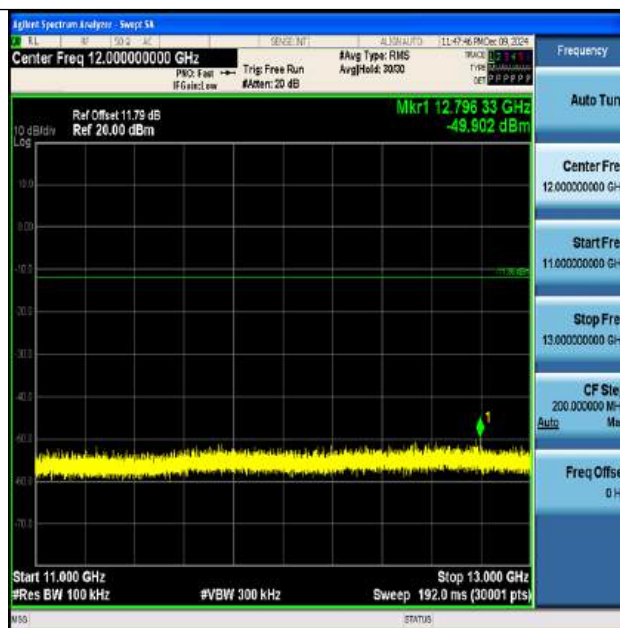
BLE_125K-Ant1-2402-5000~7000-PASS



BLE_125K-Ant1-2402-7000~9000-PASS



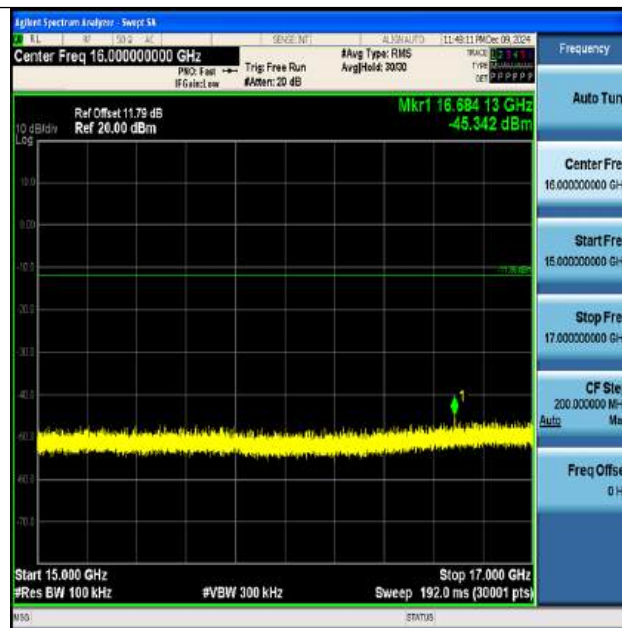
BLE_125K-Ant1-2402-9000~11000-PASS



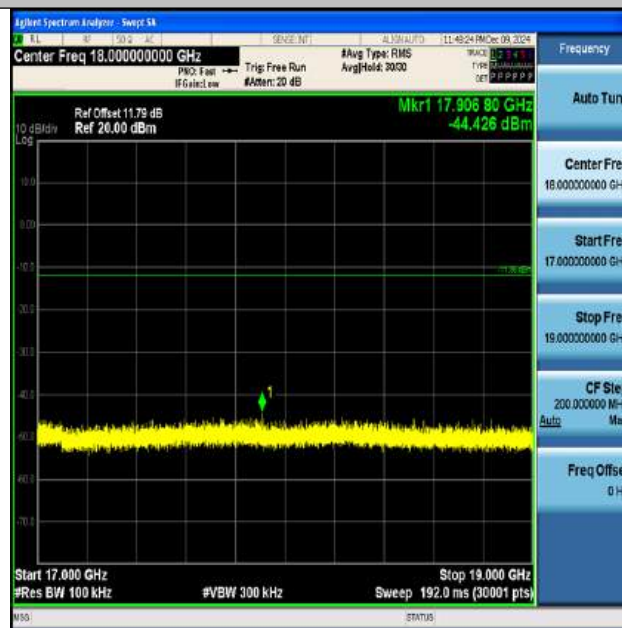
BLE_125K-Ant1-2402-11000~13000-PASS



BLE_125K-Ant1-2402-13000~15000-PASS



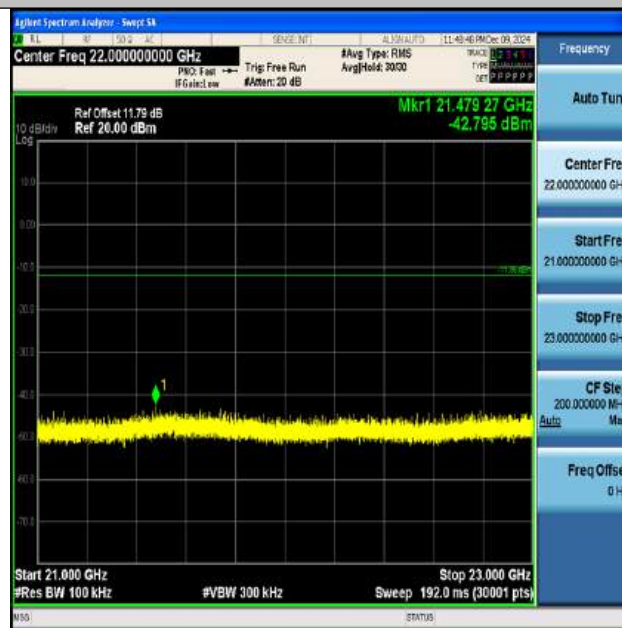
BLE_125K-Ant1-2402-15000~17000-PASS



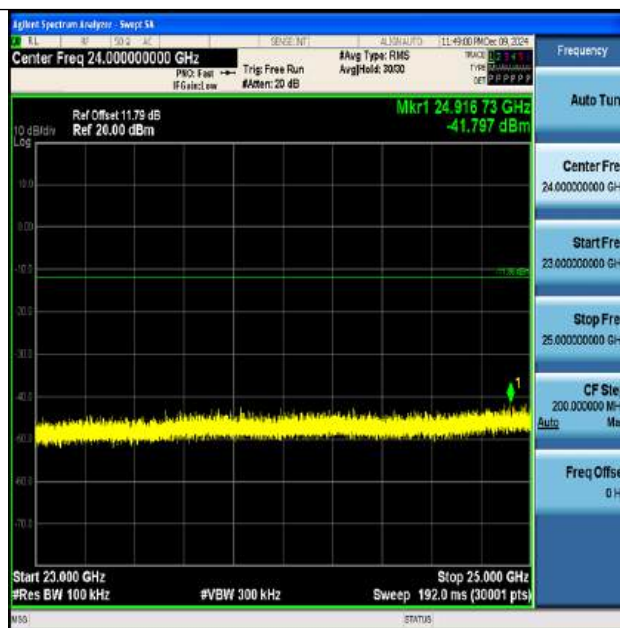
BLE_125K-Ant1-2402-17000~19000-PASS



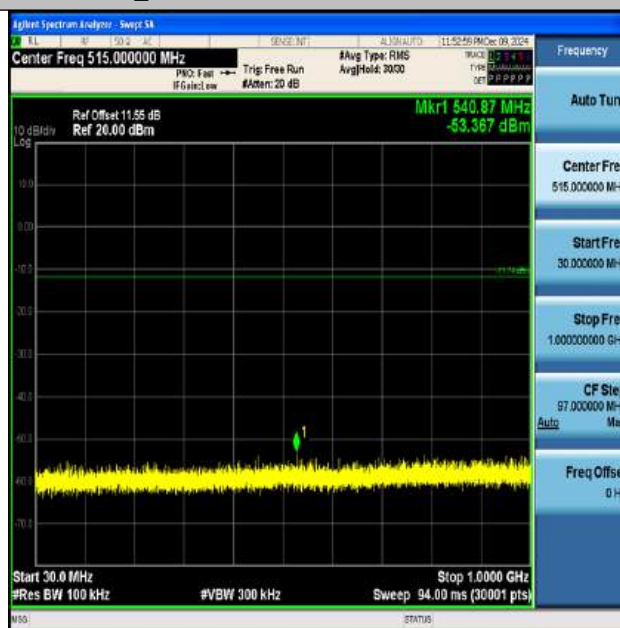
BLE_125K-Ant1-2402-19000~21000-PASS



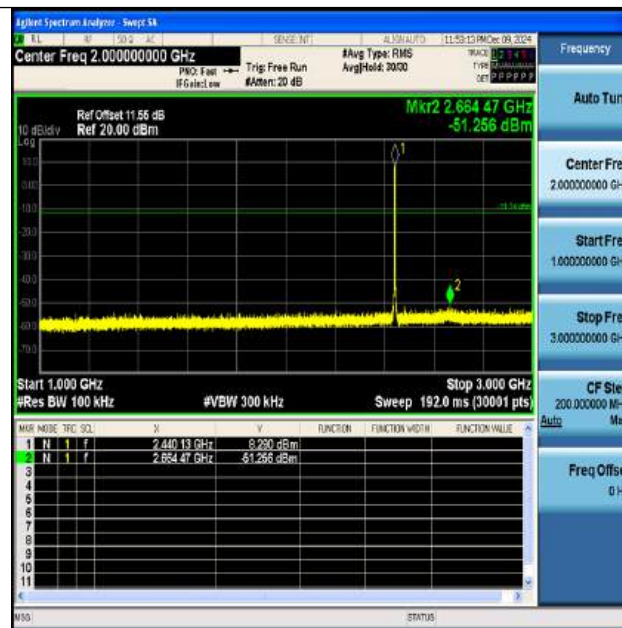
BLE_125K-Ant1-2402-21000~23000-PASS



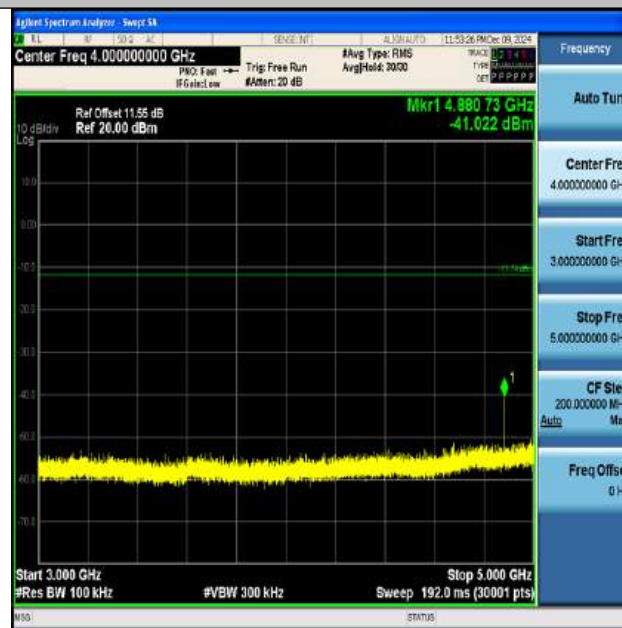
BLE_125K-Ant1-2402-23000~25000-PASS



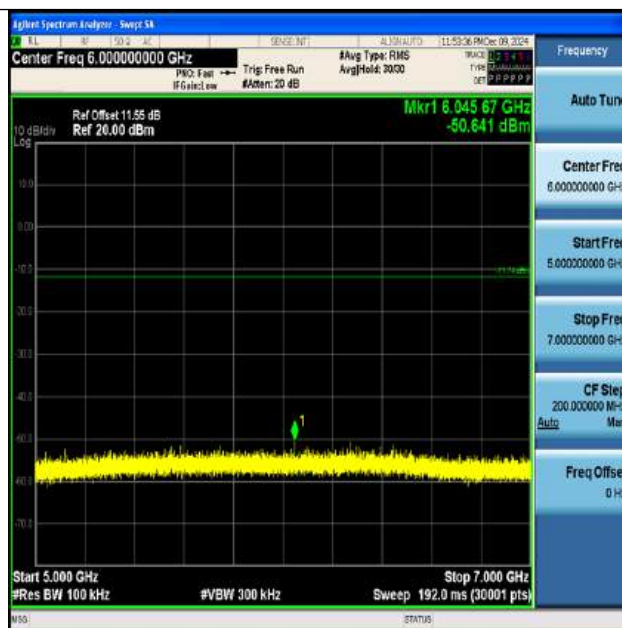
BLE_125K-Ant1-2440-30~1000-PASS



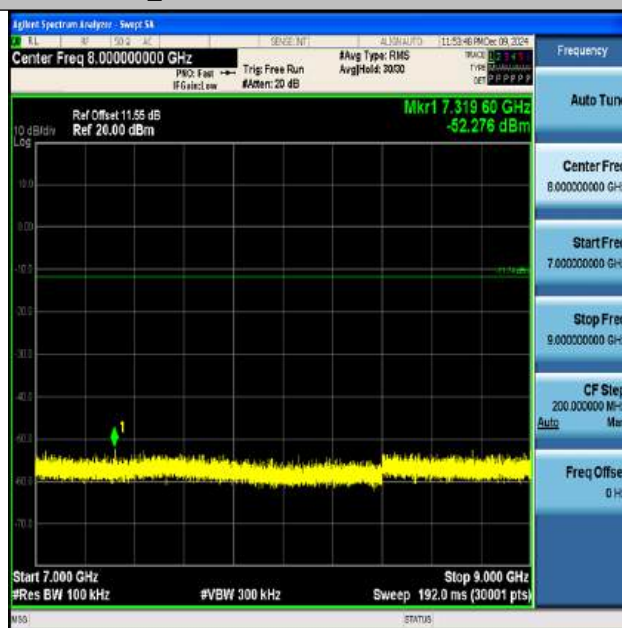
BLE_125K-Ant1-2440-1000~3000-PASS



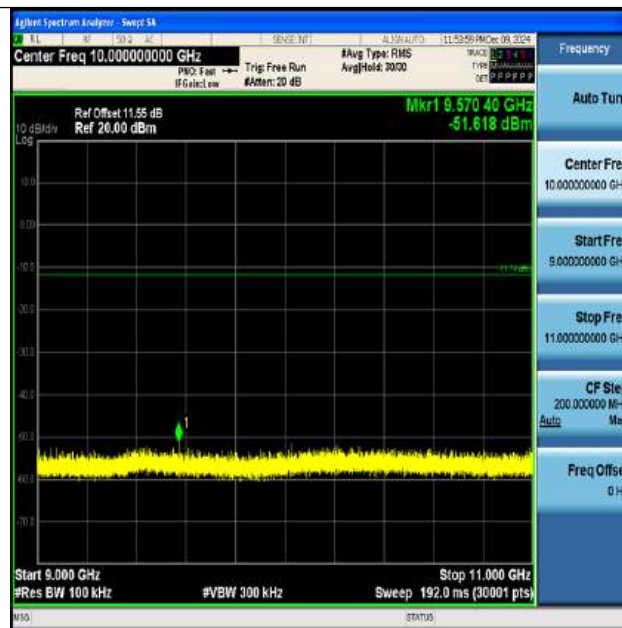
BLE_125K-Ant1-2440-3000~5000-PASS



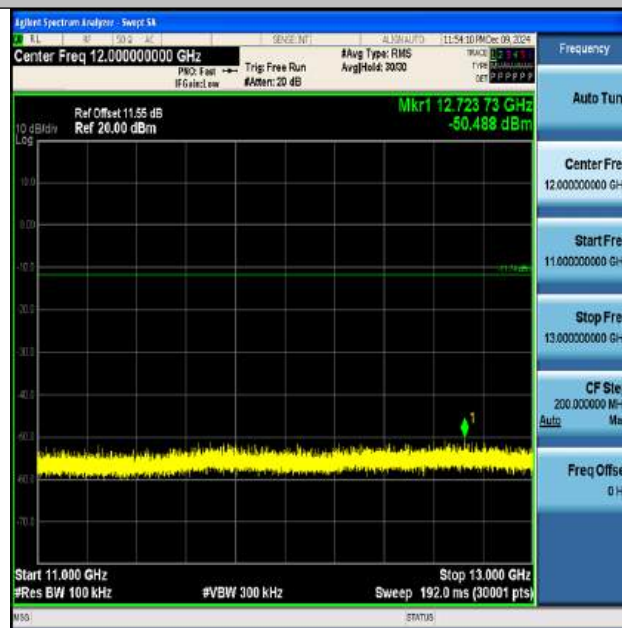
BLE_125K-Ant1-2440-5000~7000-PASS



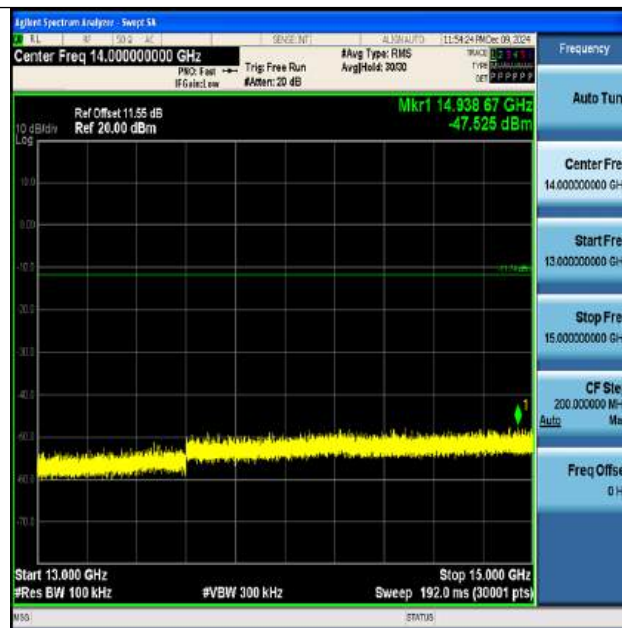
BLE_125K-Ant1-2440-7000~9000-PASS



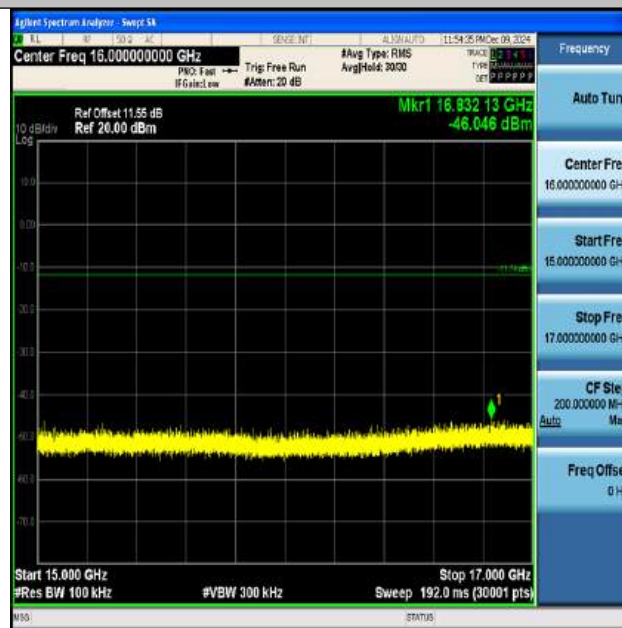
BLE_125K-Ant1-2440-9000~11000-PASS



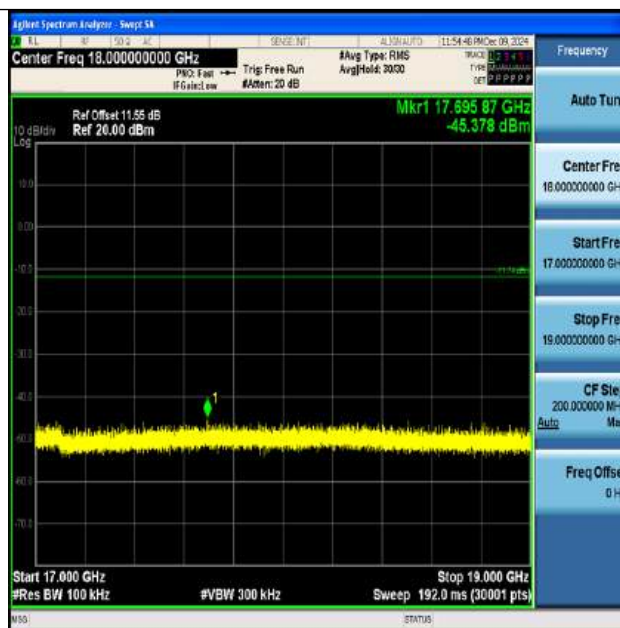
BLE_125K-Ant1-2440-11000~13000-PASS



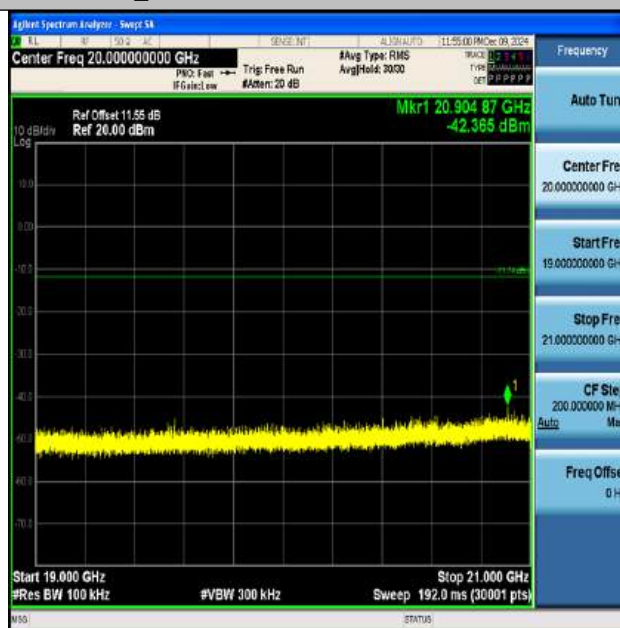
BLE_125K-Ant1-2440-13000~15000-PASS



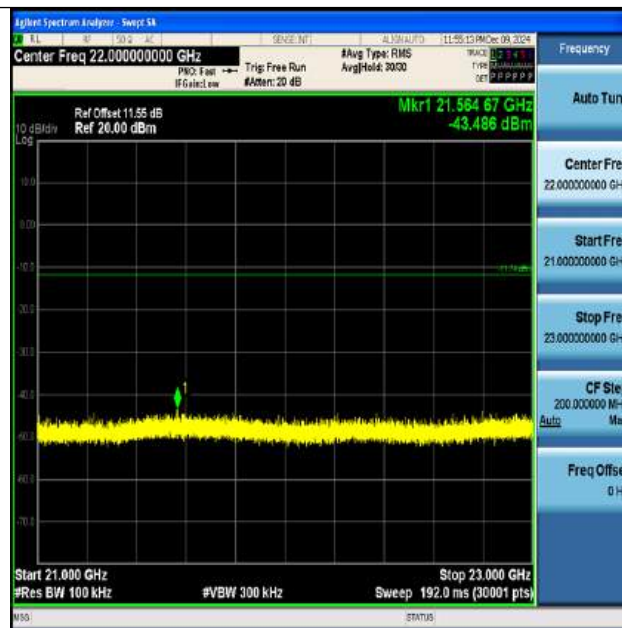
BLE_125K-Ant1-2440-15000~17000-PASS



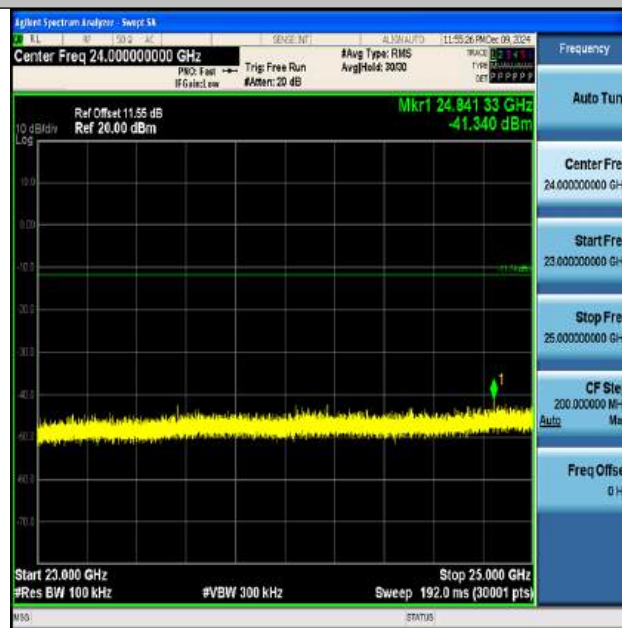
BLE_125K-Ant1-2440-17000~19000-PASS



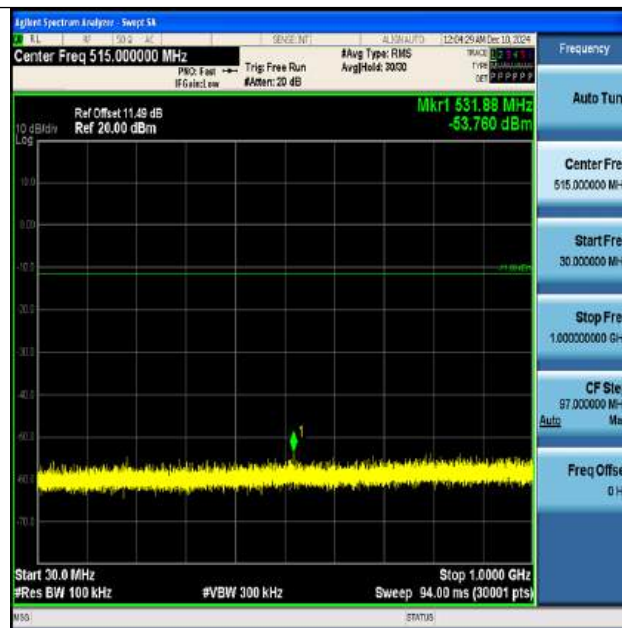
BLE_125K-Ant1-2440-19000~21000-PASS



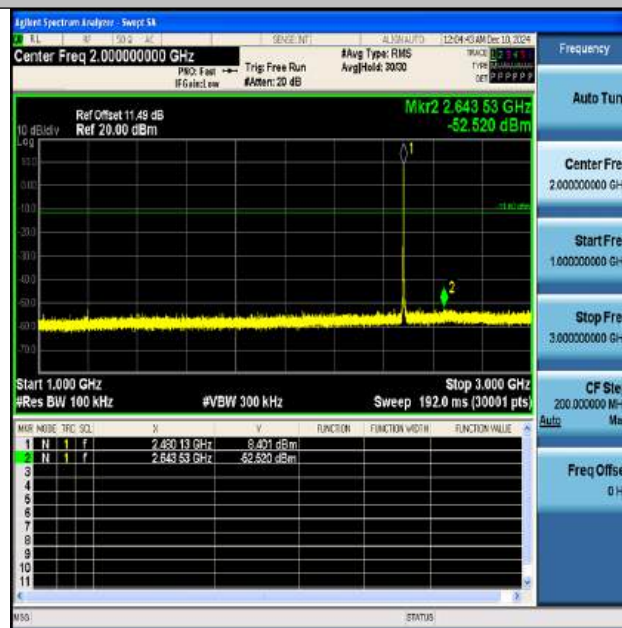
BLE_125K-Ant1-2440-21000~23000-PASS



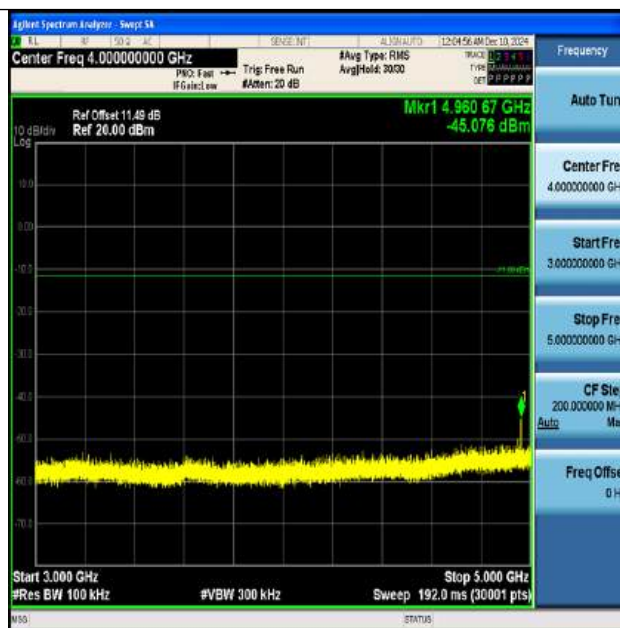
BLE_125K-Ant1-2440-23000~25000-PASS



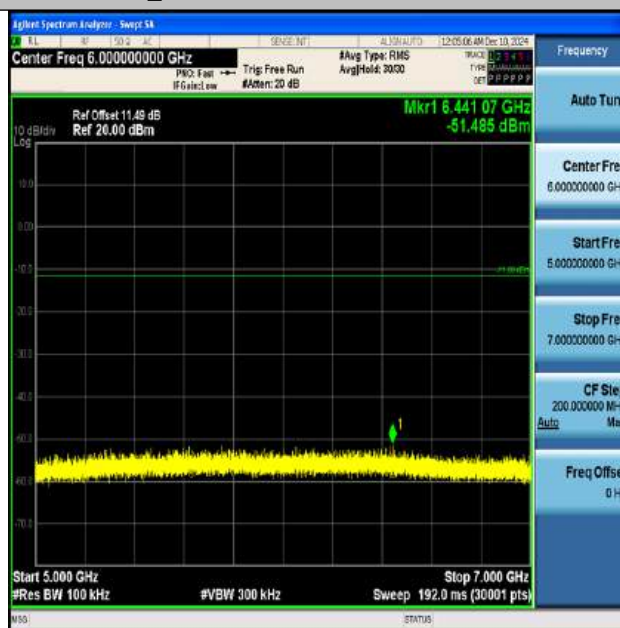
BLE_125K-Ant1-2480-30~1000-PASS



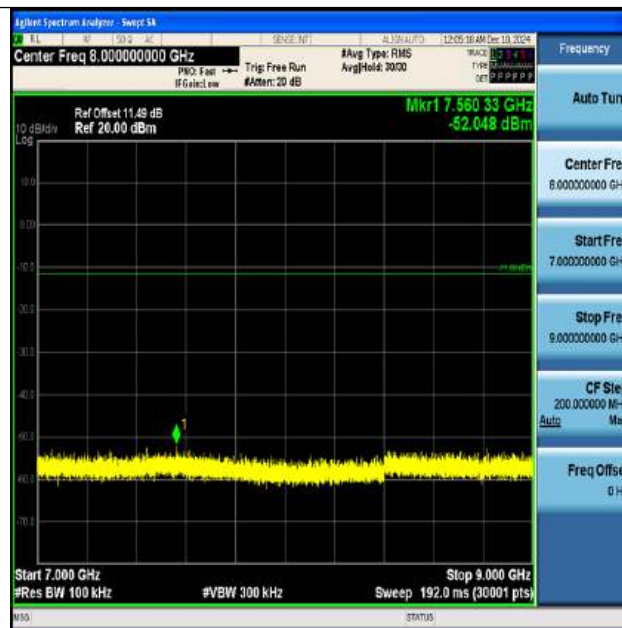
BLE_125K-Ant1-2480-1000~3000-PASS



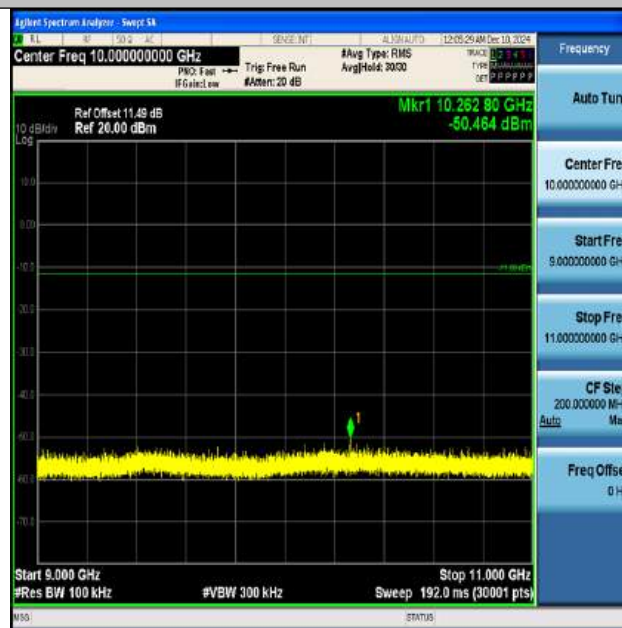
BLE_125K-Ant1-2480-3000~5000-PASS



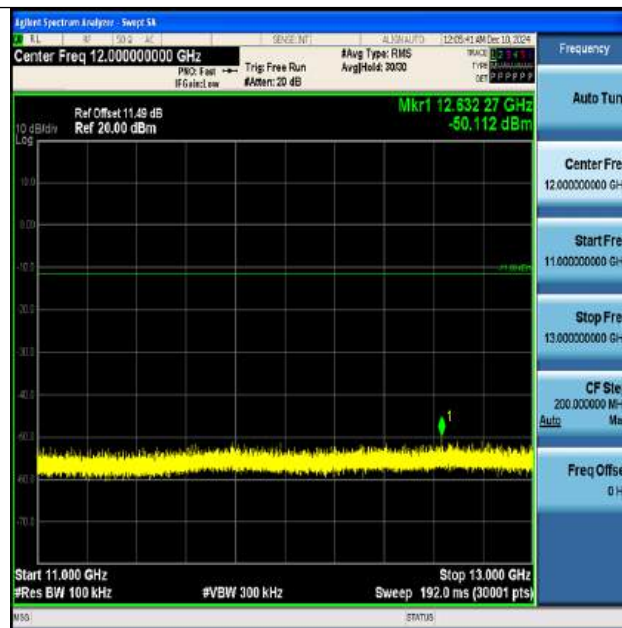
BLE_125K-Ant1-2480-5000~7000-PASS



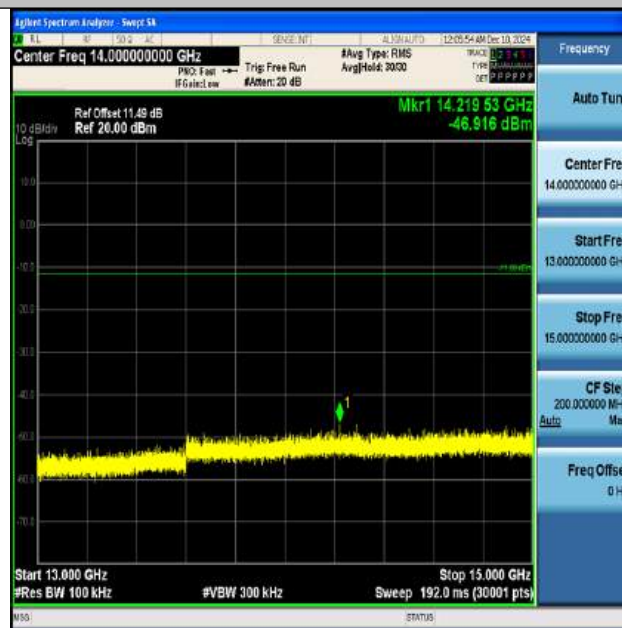
BLE_125K-Ant1-2480-7000~9000-PASS



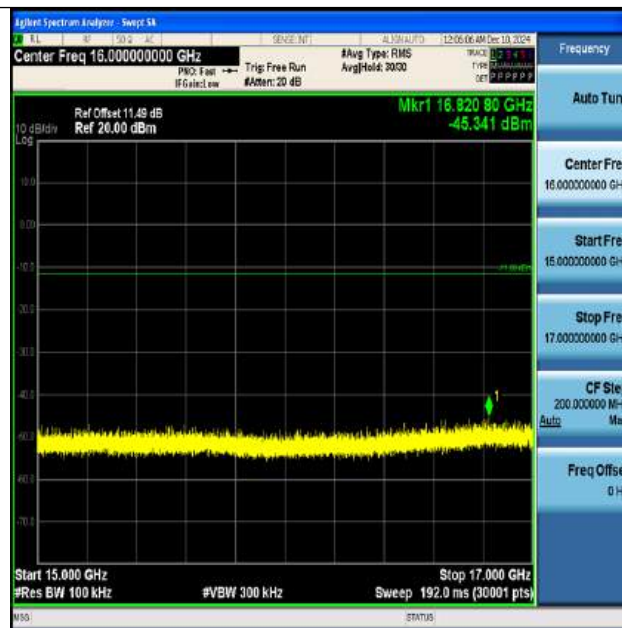
BLE_125K-Ant1-2480-9000~11000-PASS



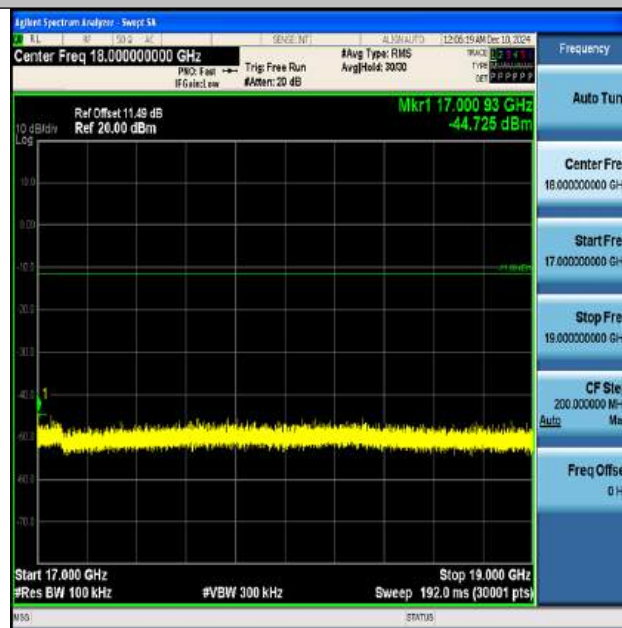
BLE_125K-Ant1-2480-11000~13000-PASS



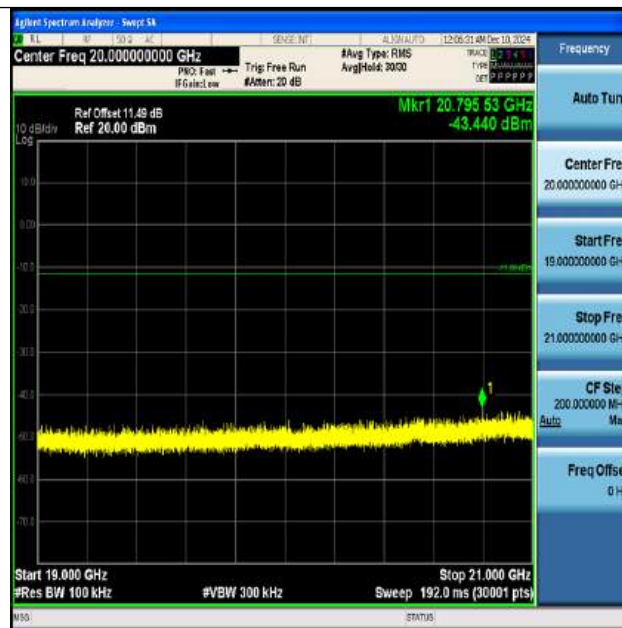
BLE_125K-Ant1-2480-13000~15000-PASS



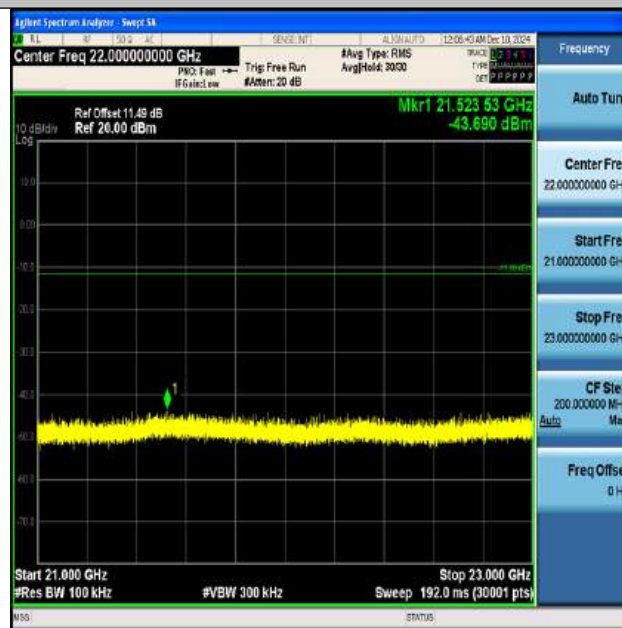
BLE_125K-Ant1-2480-15000~17000-PASS



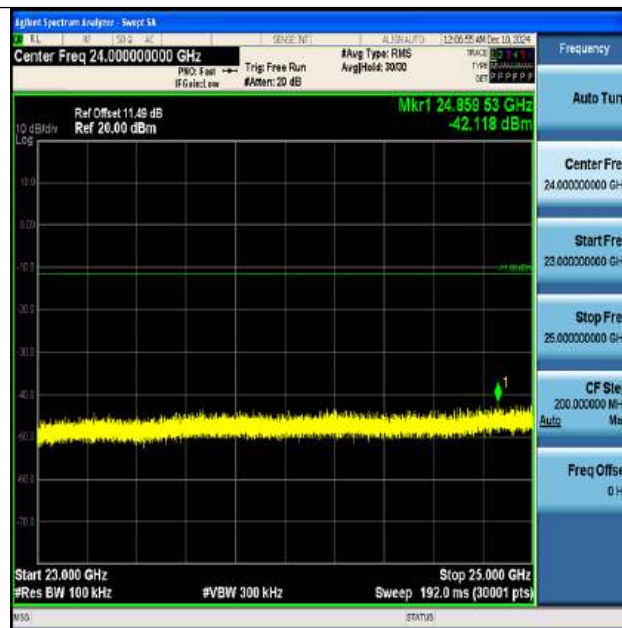
BLE_125K-Ant1-2480-17000~19000-PASS



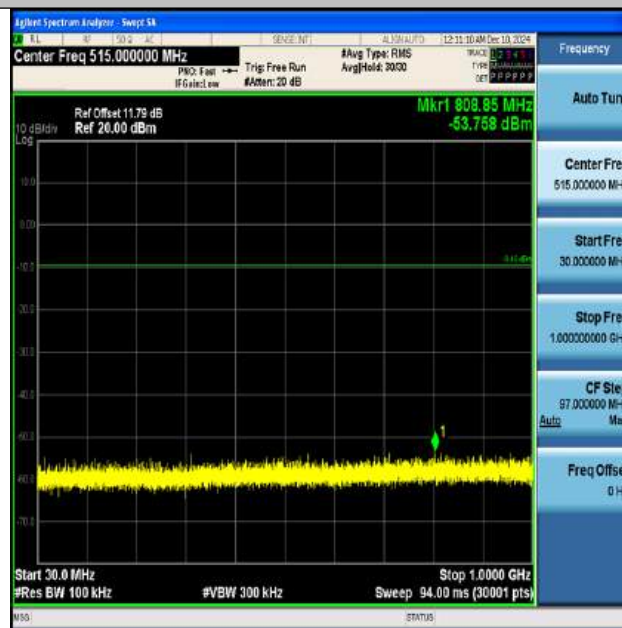
BLE_125K-Ant1-2480-19000~21000-PASS



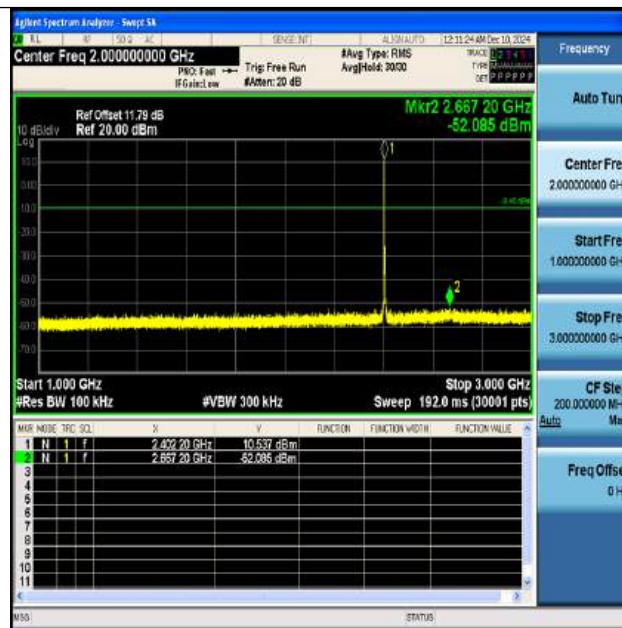
BLE_125K-Ant1-2480-21000~23000-PASS



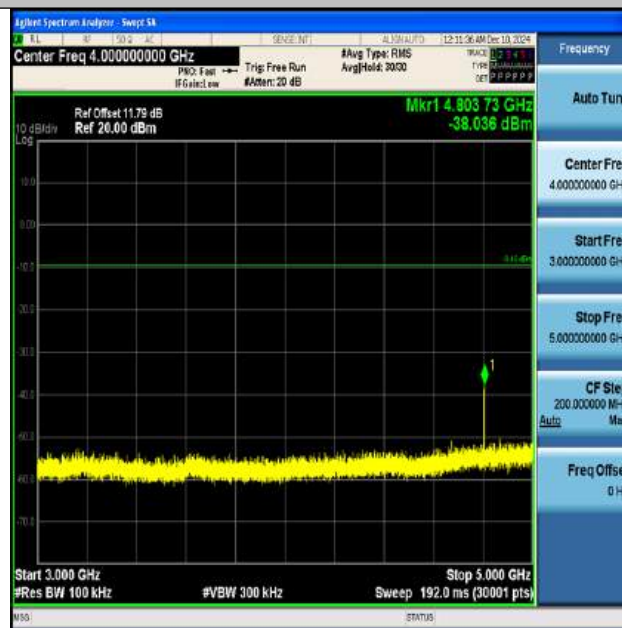
BLE_125K-Ant1-2480-23000~25000-PASS



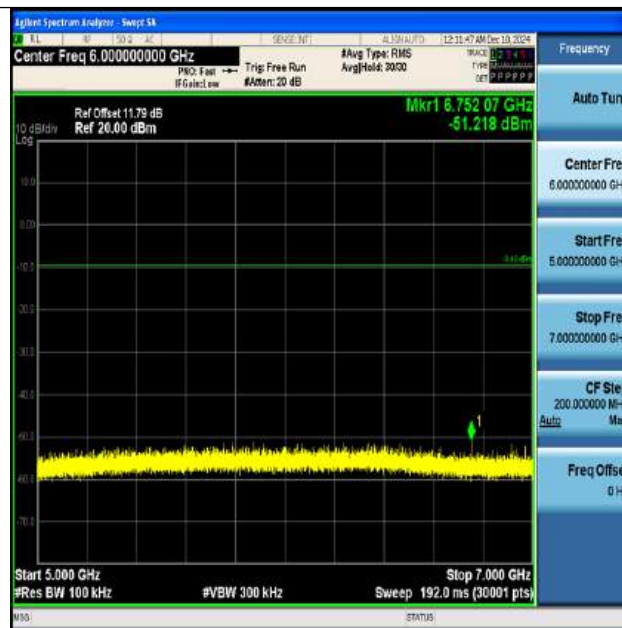
BLE_500K-Ant1-2402-30~1000-PASS



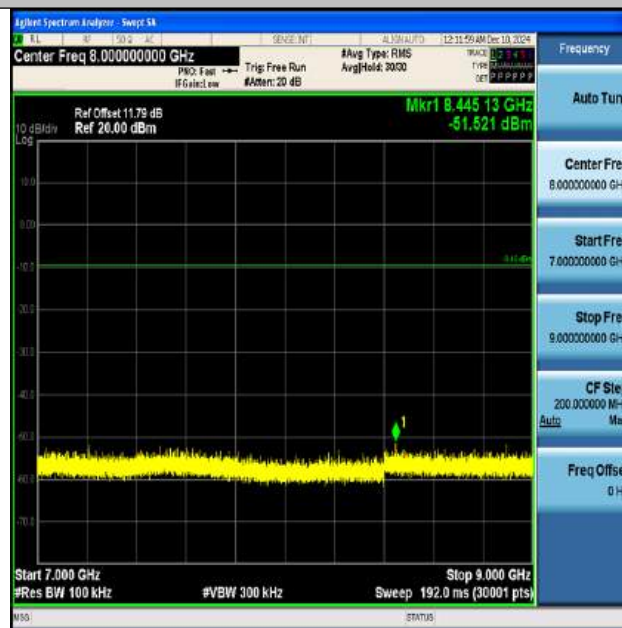
BLE_500K-Ant1-2402-1000~3000-PASS



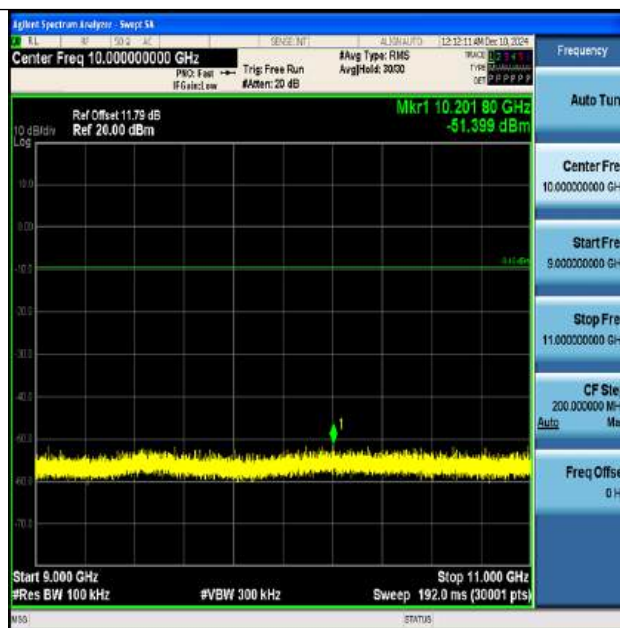
BLE_500K-Ant1-2402-3000~5000-PASS



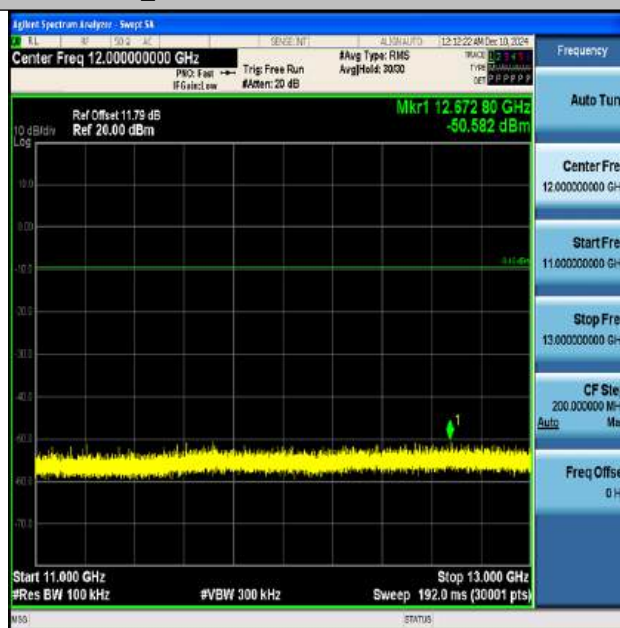
BLE_500K-Ant1-2402-5000~7000-PASS



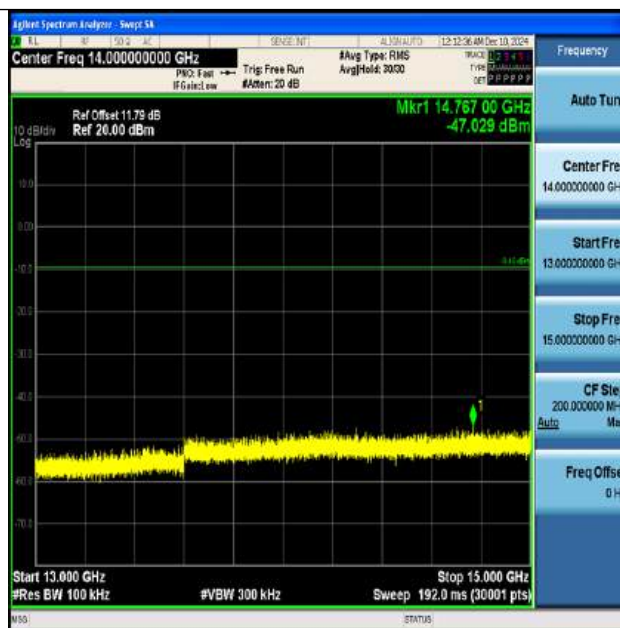
BLE_500K-Ant1-2402-7000~9000-PASS



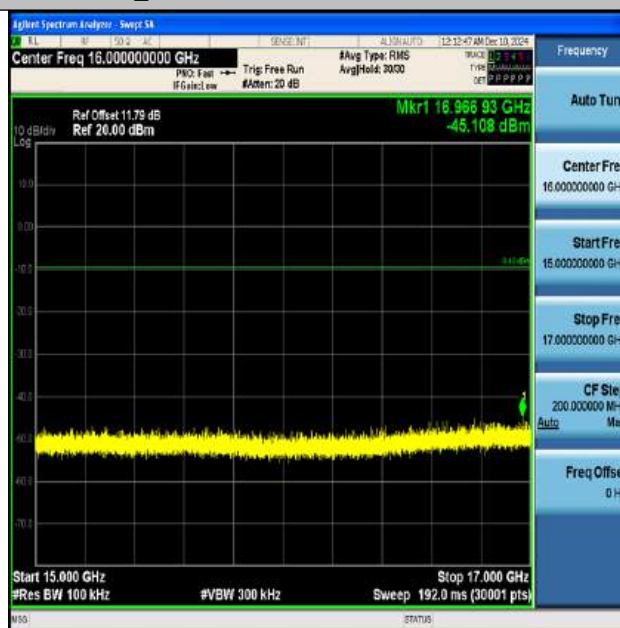
BLE_500K-Ant1-2402-9000~11000-PASS



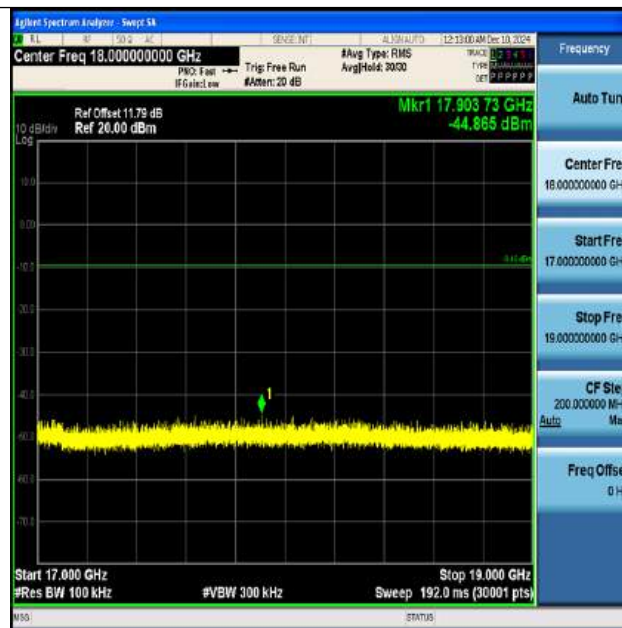
BLE_500K-Ant1-2402-11000~13000-PASS



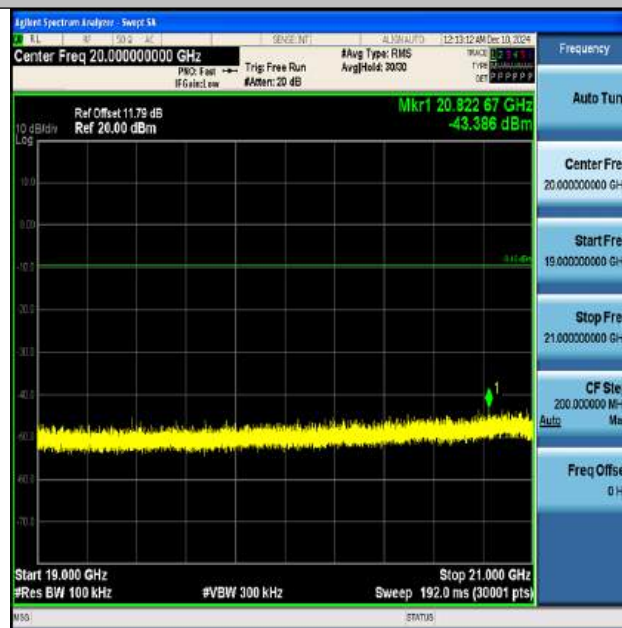
BLE_500K-Ant1-2402-13000~15000-PASS



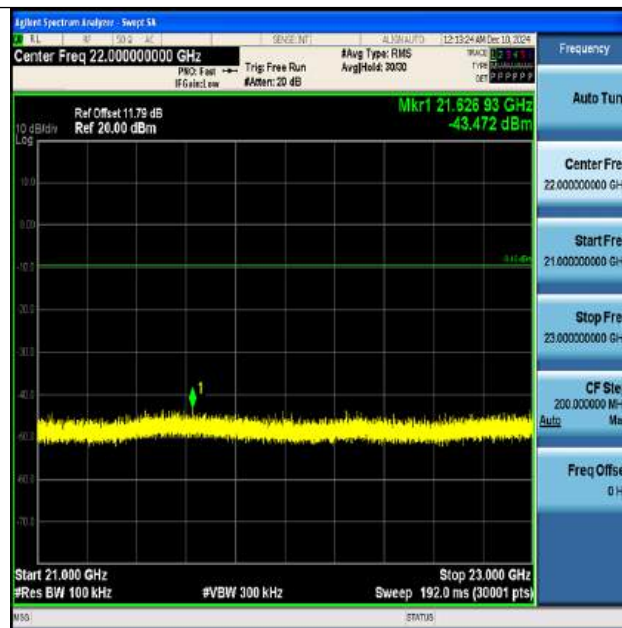
BLE_500K-Ant1-2402-15000~17000-PASS



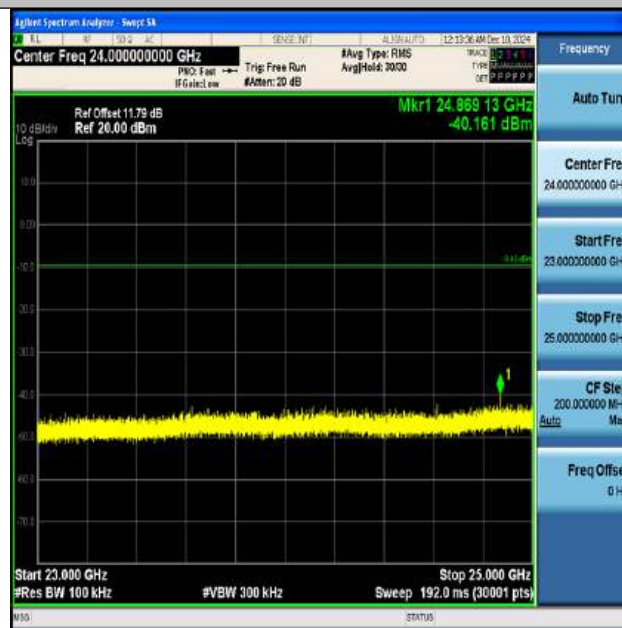
BLE_500K-Ant1-2402-17000~19000-PASS



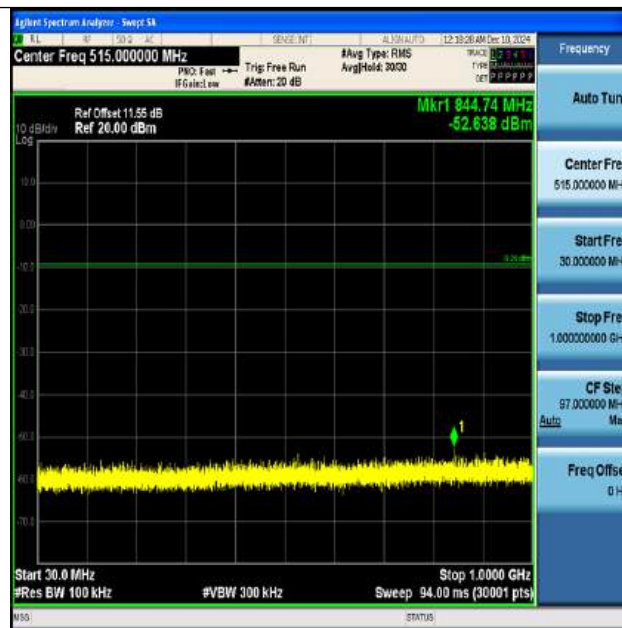
BLE_500K-Ant1-2402-19000~21000-PASS



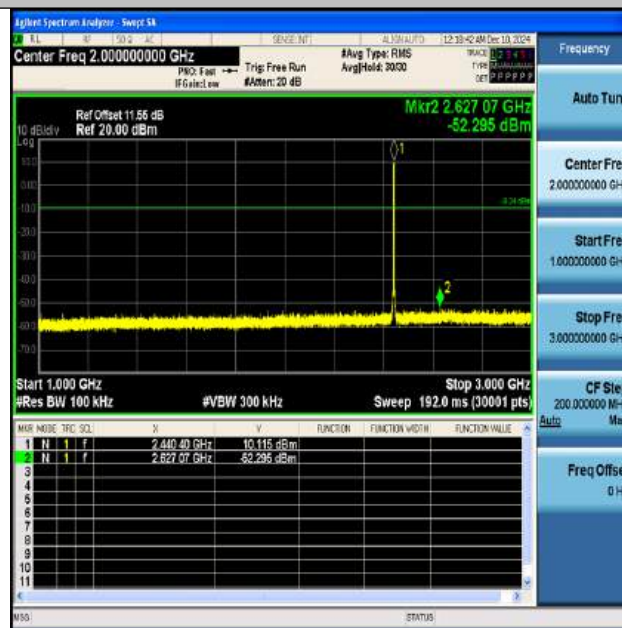
BLE_500K-Ant1-2402-21000~23000-PASS



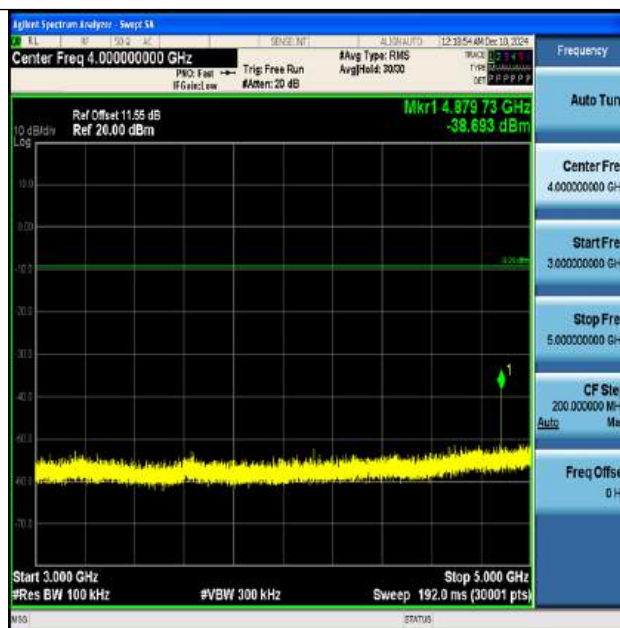
BLE_500K-Ant1-2402-23000~25000-PASS



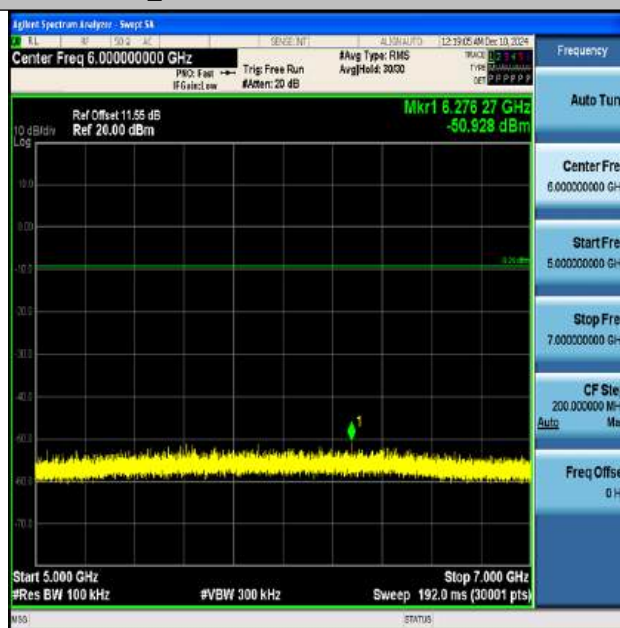
BLE_500K-Ant1-2440-30~1000-PASS



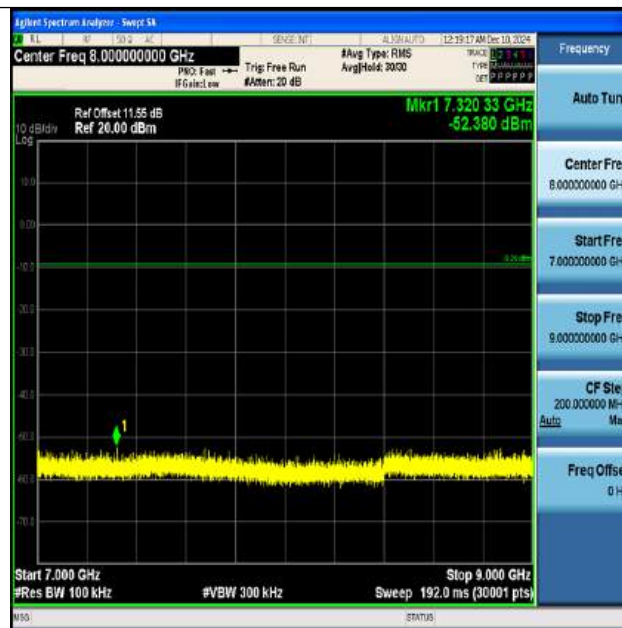
BLE_500K-Ant1-2440-1000~3000-PASS



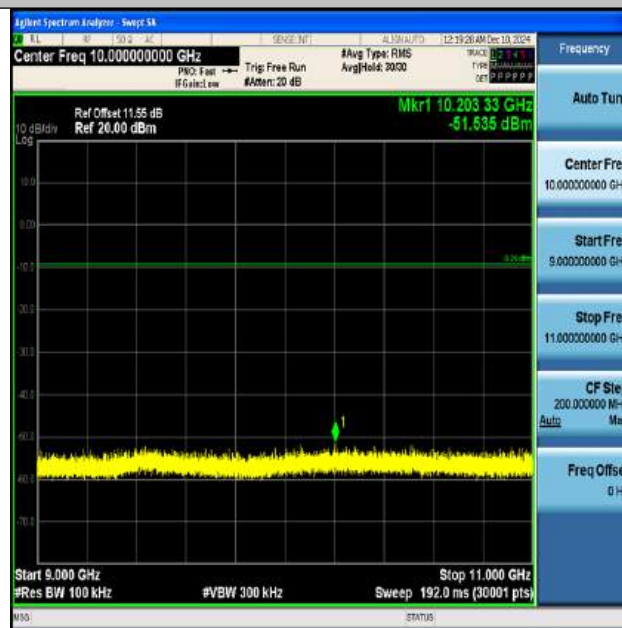
BLE_500K-Ant1-2440-3000~5000-PASS



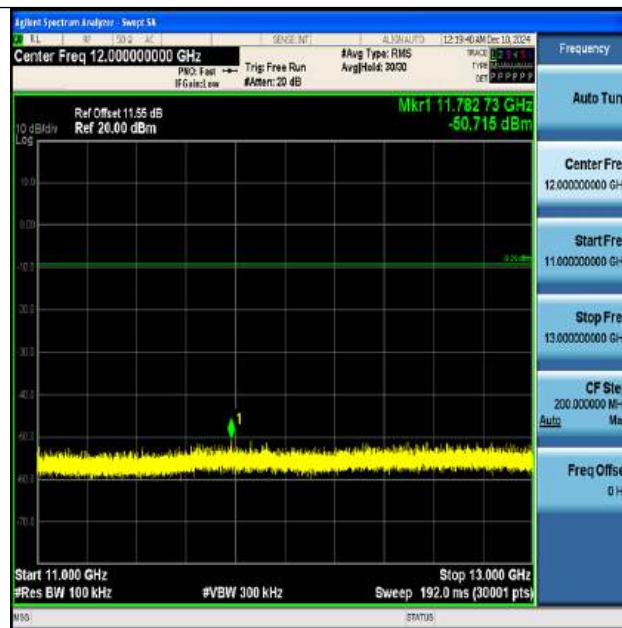
BLE_500K-Ant1-2440-5000~7000-PASS



BLE_500K-Ant1-2440-7000~9000-PASS



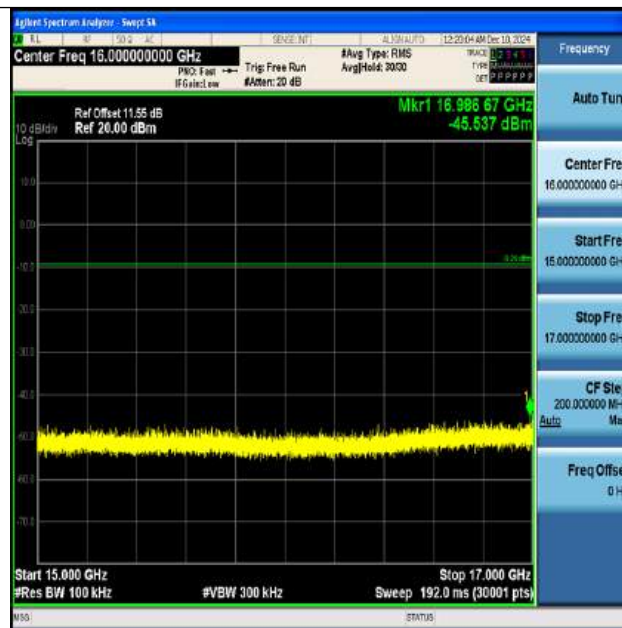
BLE_500K-Ant1-2440-9000~11000-PASS



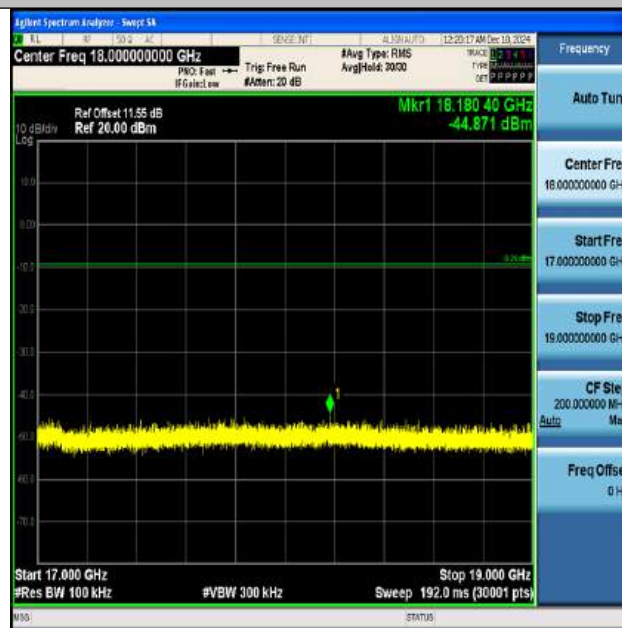
BLE_500K-Ant1-2440-11000~13000-PASS



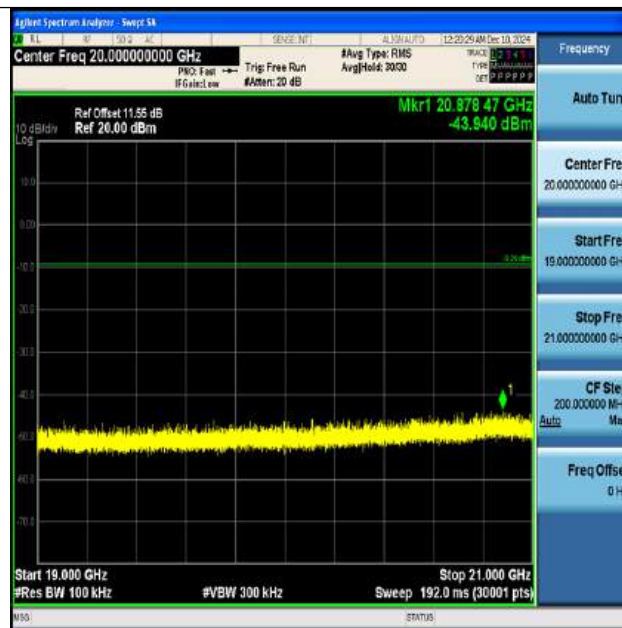
BLE_500K-Ant1-2440-13000~15000-PASS



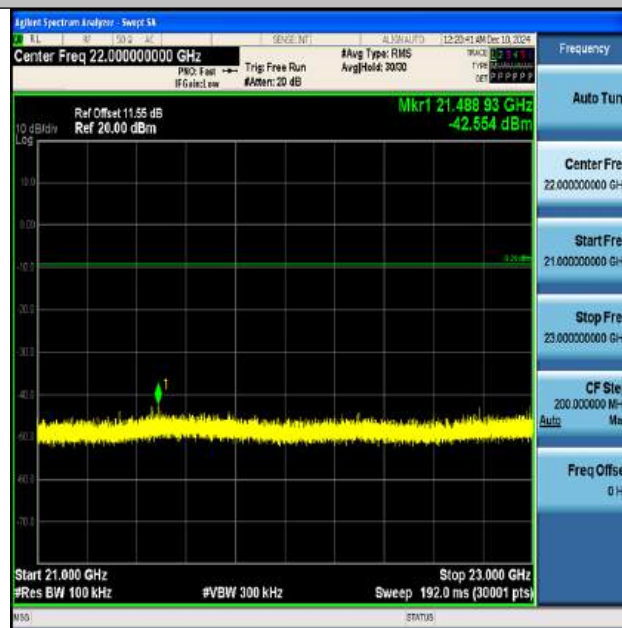
BLE_500K-Ant1-2440-15000~17000-PASS



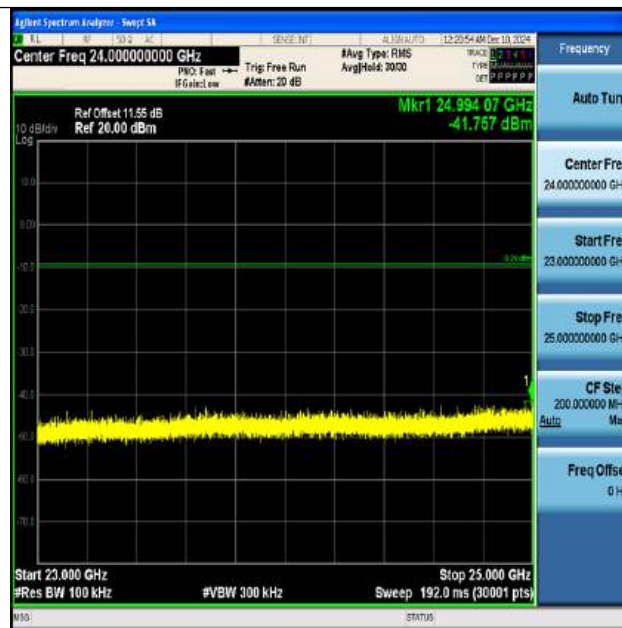
BLE_500K-Ant1-2440-17000~19000-PASS



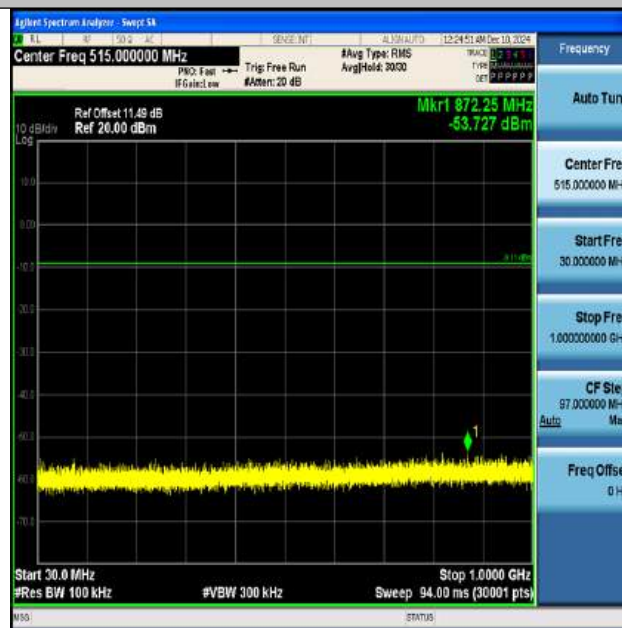
BLE_500K-Ant1-2440-19000~21000-PASS



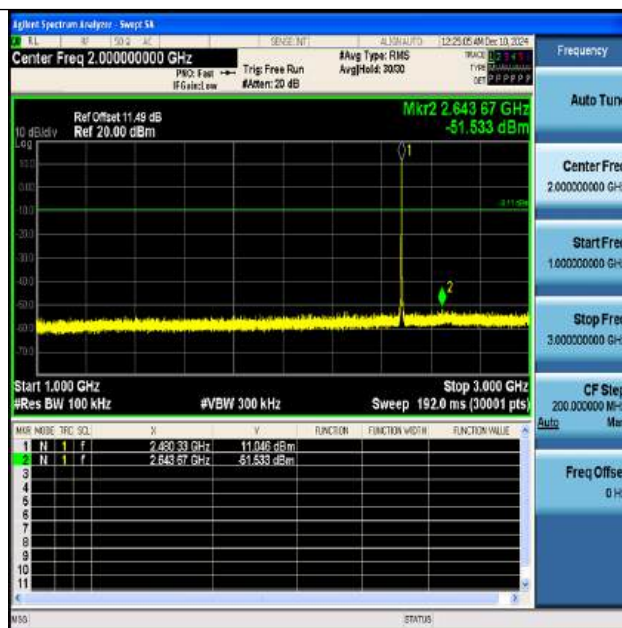
BLE_500K-Ant1-2440-21000~23000-PASS



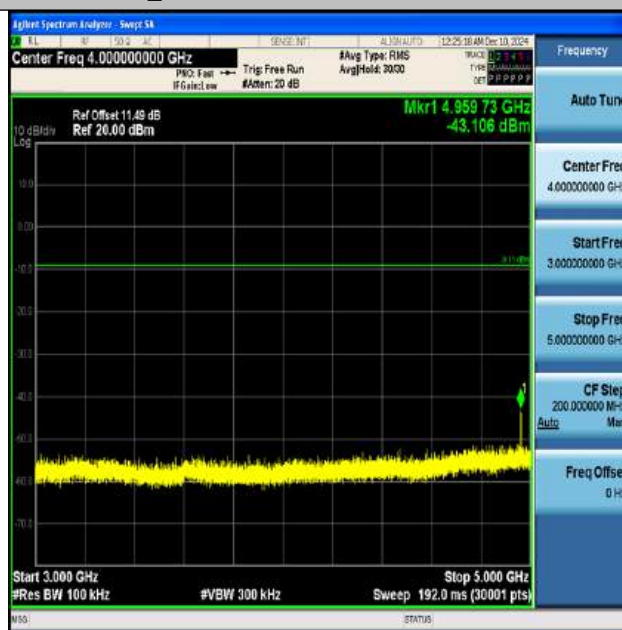
BLE_500K-Ant1-2440-23000~25000-PASS



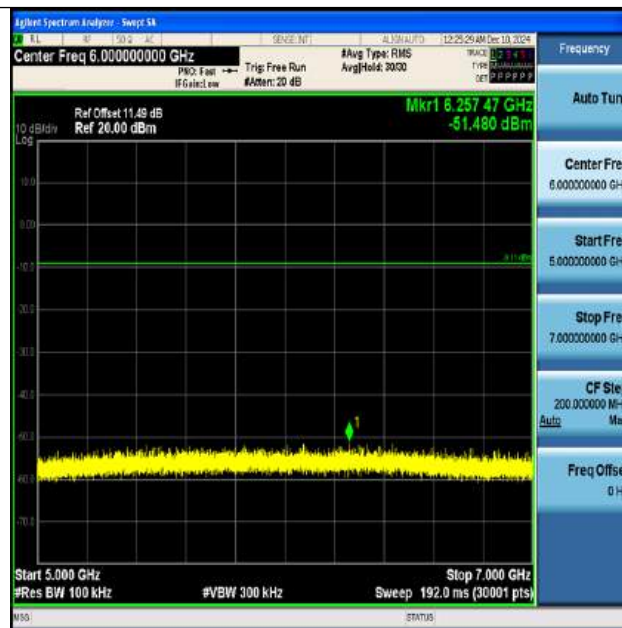
BLE_500K-Ant1-2480-30~1000-PASS



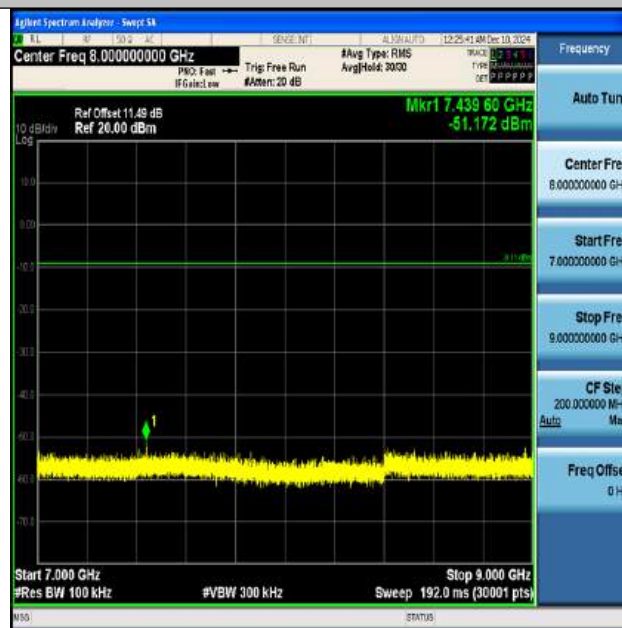
BLE_500K-Ant1-2480-1000~3000-PASS



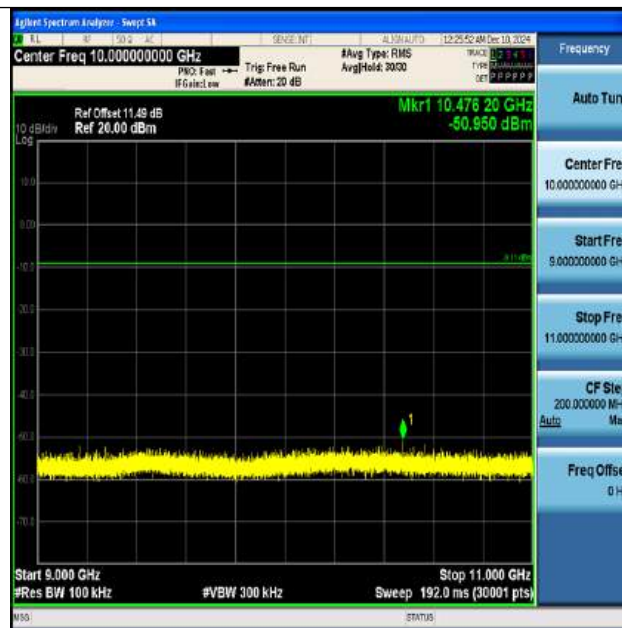
BLE_500K-Ant1-2480-3000~5000-PASS



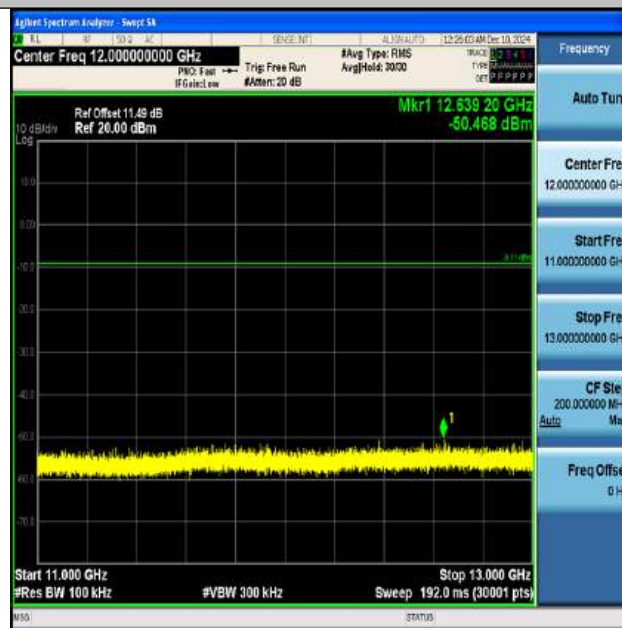
BLE_500K-Ant1-2480-5000~7000-PASS



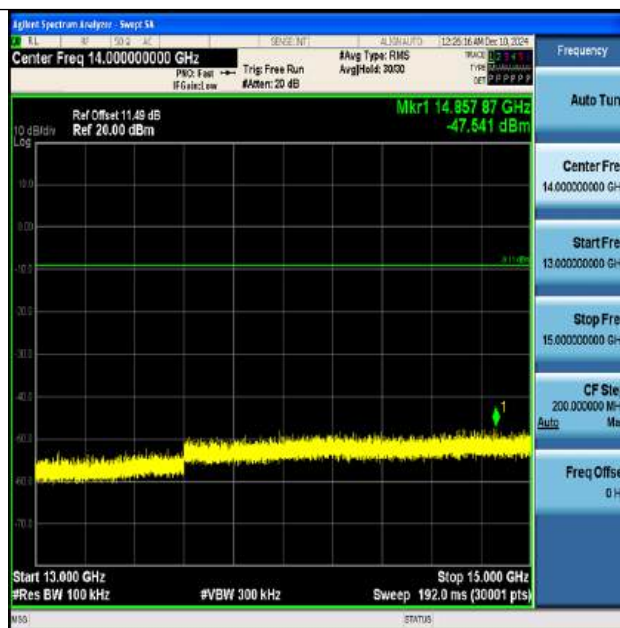
BLE_500K-Ant1-2480-7000~9000-PASS



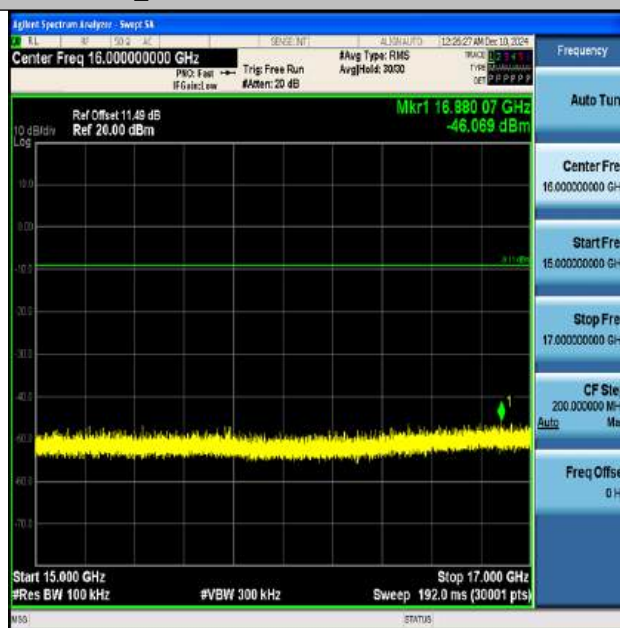
BLE_500K-Ant1-2480-9000~11000-PASS



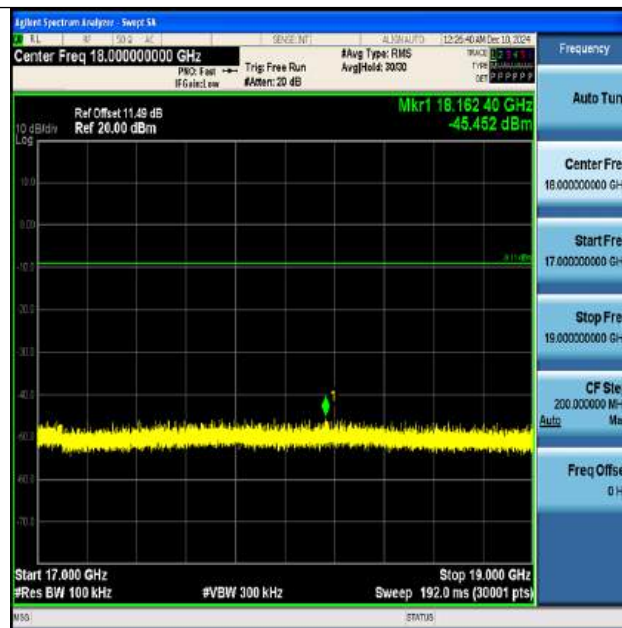
BLE_500K-Ant1-2480-11000~13000-PASS



BLE_500K-Ant1-2480-13000~15000-PASS



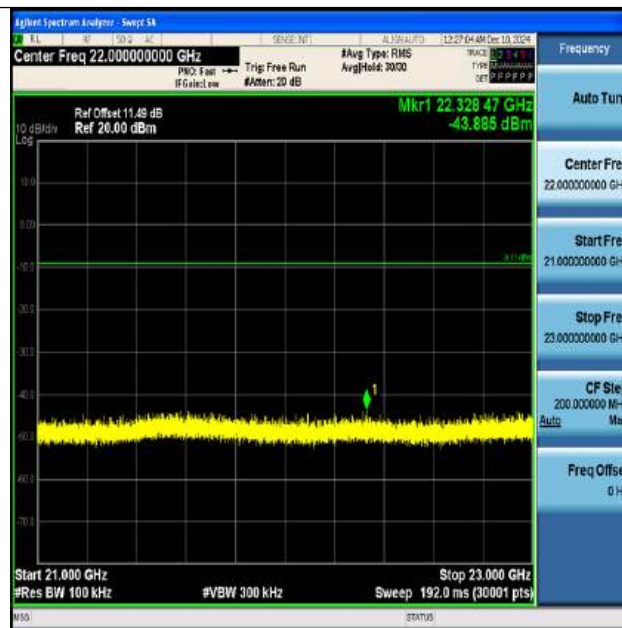
BLE_500K-Ant1-2480-15000~17000-PASS



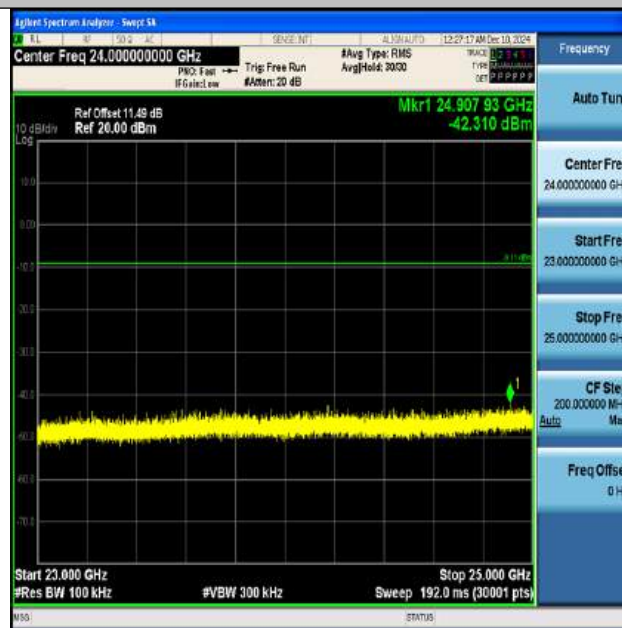
BLE_500K-Ant1-2480-17000~19000-PASS



BLE_500K-Ant1-2480-19000~21000-PASS



BLE_500K-Ant1-2480-21000~23000-PASS



BLE_500K-Ant1-2480-23000~25000-PASS

Appendix F: Duty Cycle

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.00	0.00	100	NaN
		2440	0.00	0.00	100	NaN
		2480	0.00	0.00	100	NaN
BLE_2M	Ant1	2402	0.00	0.00	100	NaN
		2440	0.00	0.00	100	NaN
		2480	0.00	0.00	100	NaN
BLE_125K	Ant1	2402	0.00	0.00	100	NaN
		2440	0.00	0.00	100	NaN
		2480	0.00	0.00	100	NaN
BLE_500K	Ant1	2402	0.00	0.00	100	NaN
		2440	0.00	0.00	100	NaN
		2480	0.00	0.00	100	NaN



NTNV-BLE_1M-Ant1-2402



NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480



NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2480



NTNV-BLE_125K-Ant1-2402



NTNV-BLE_125K-Ant1-2440



NTNV-BLE_125K-Ant1-2480



NTNV-BLE_500K-Ant1-2402



NTNV-BLE_500K-Ant1-2440

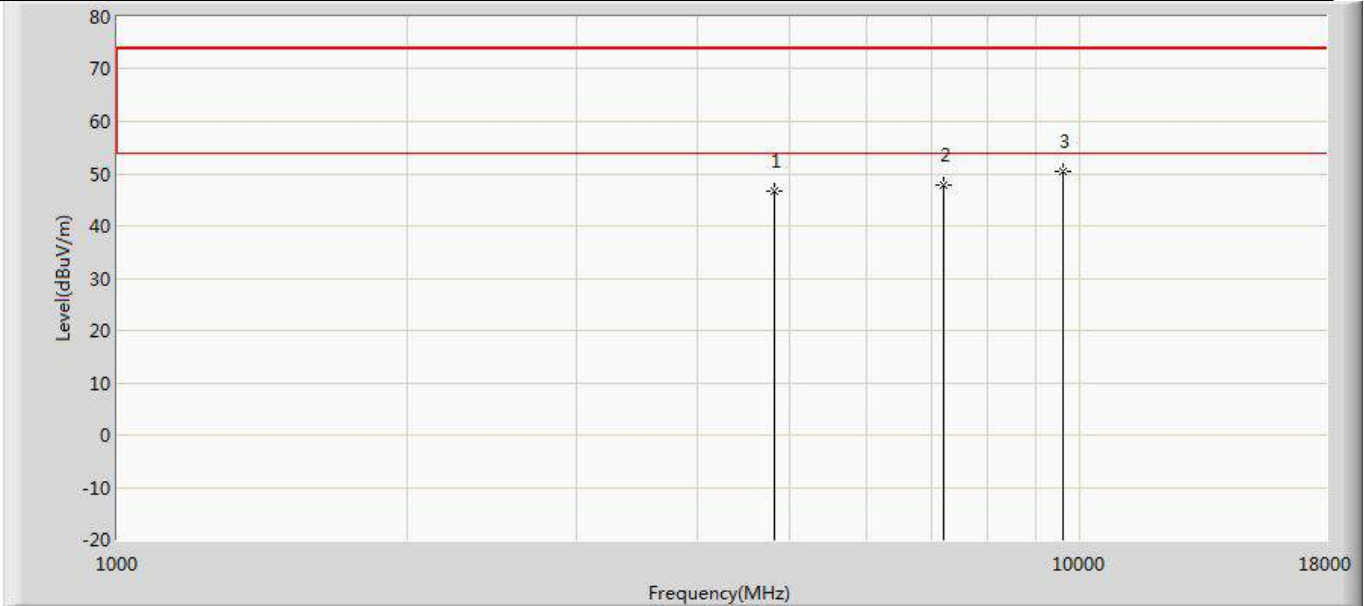


NTNV-BLE_500K-Ant1-2480



Appendix H: Emissions in Restricted Bands

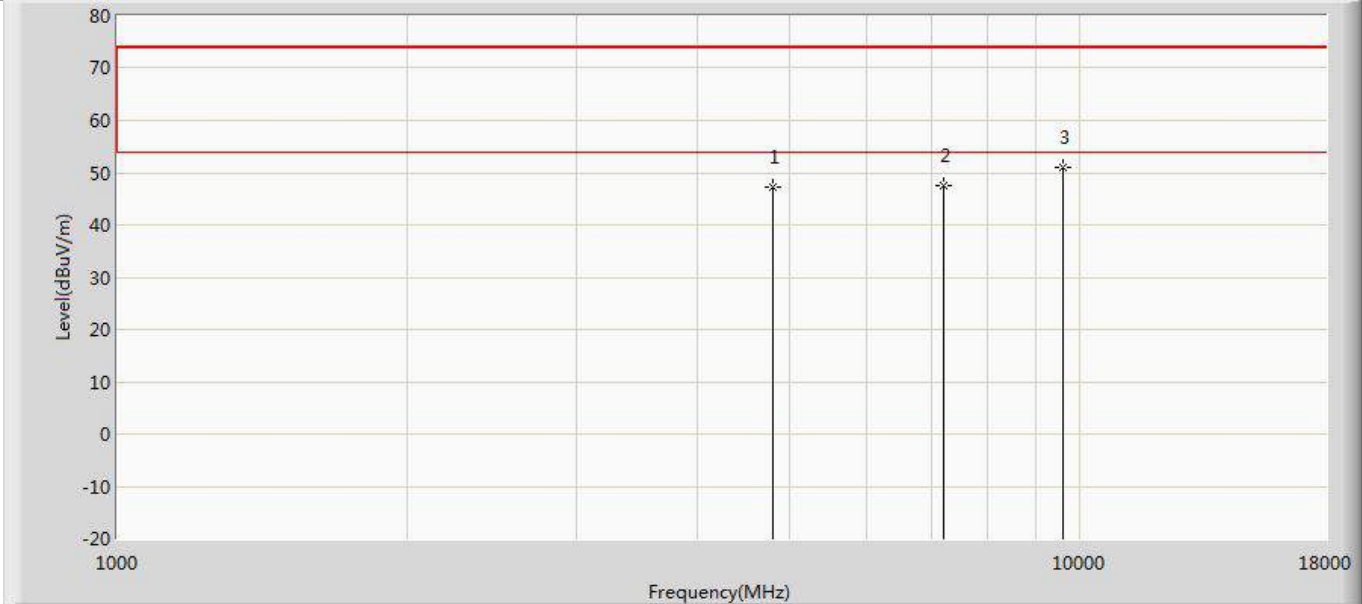
Profile: 24B1032R	Page No.: 31
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4808.000	46.772	58.805	-27.228	74.000	-12.033	PK
2		7206.000	47.816	54.376	-26.184	74.000	-6.560	PK
3	*	9608.000	50.398	53.566	-23.602	74.000	-3.167	PK

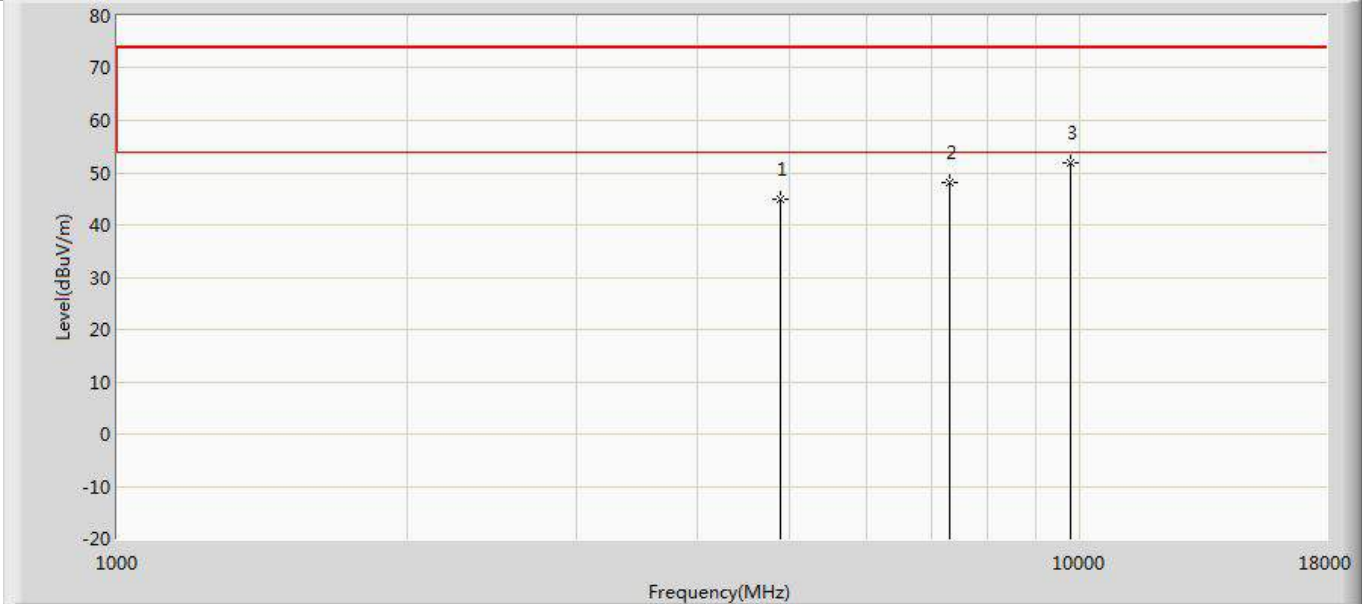


Profile: 24B1032R	Page No.: 32
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	47.136	59.191	-26.864	74.000	-12.055	PK
2		7206.000	47.562	54.122	-26.438	74.000	-6.560	PK
3	*	9608.000	51.007	54.175	-22.993	74.000	-3.167	PK

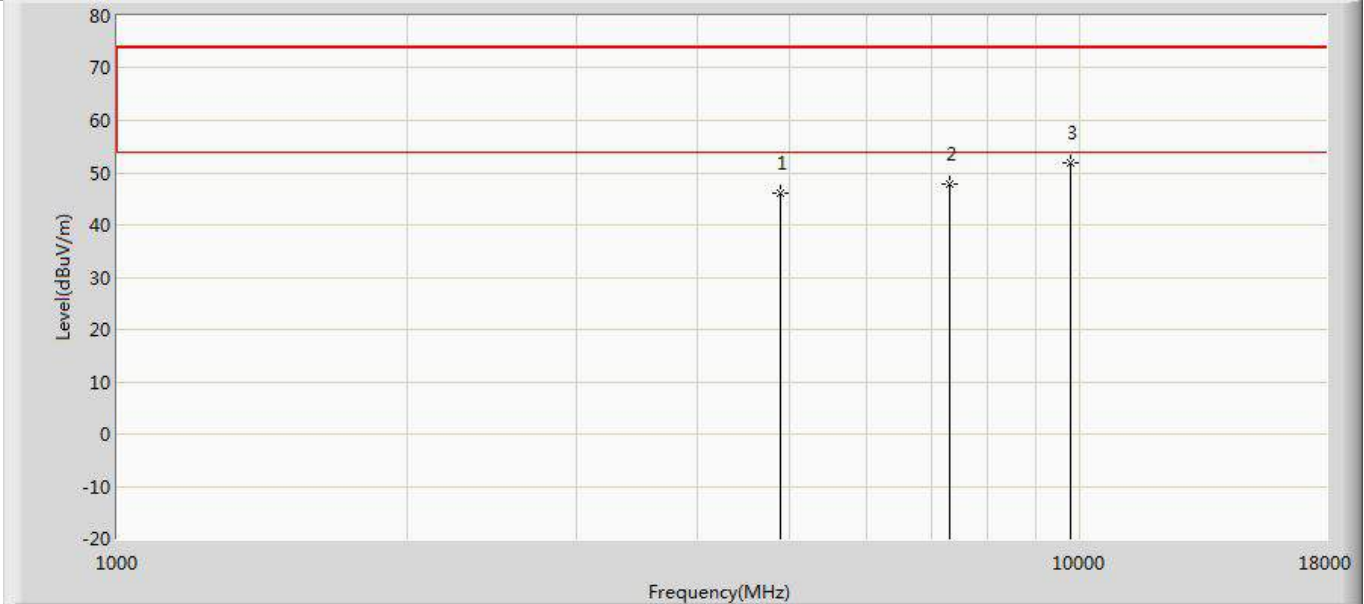
Profile: 24B1032R	Page No.: 33
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2440MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	44.919	55.696	-29.081	74.000	-10.777	PK
2		7320.000	48.053	55.344	-25.947	74.000	-7.291	PK
3	*	9760.000	51.871	54.738	-22.129	74.000	-2.867	PK



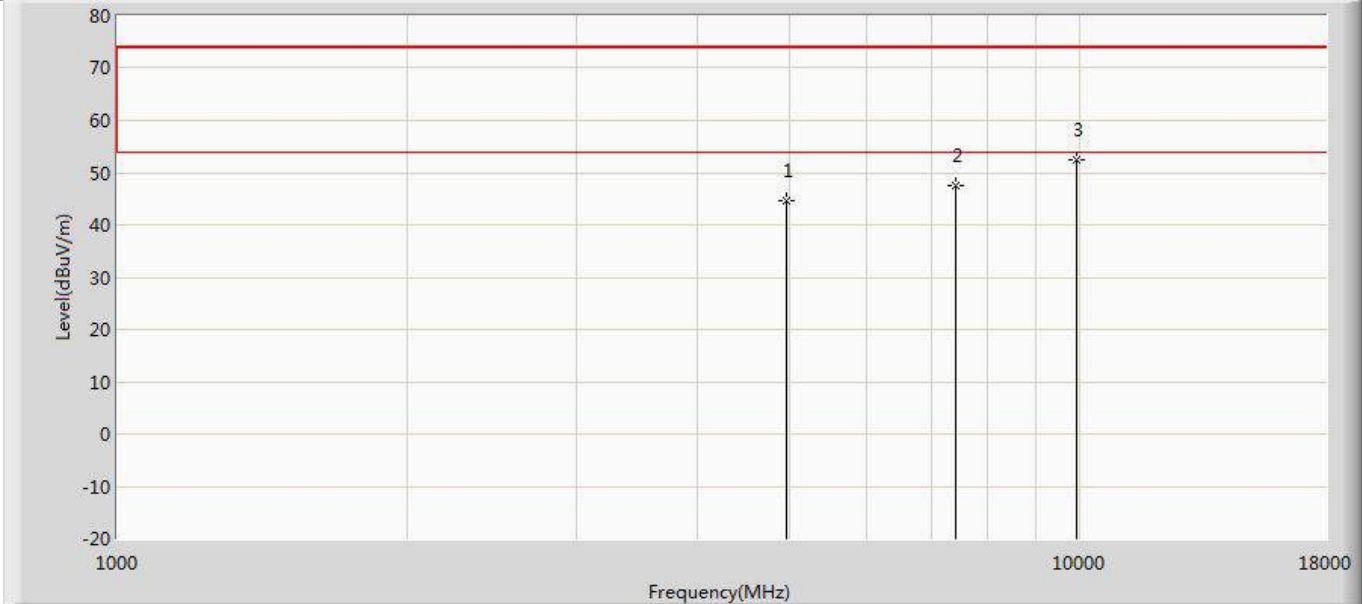
Profile: 24B1032R	Page No.: 34
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2440MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.965	56.742	-28.035	74.000	-10.777	PK
2		7320.000	47.794	55.085	-26.206	74.000	-7.291	PK
3	*	9760.000	51.888	54.755	-22.112	74.000	-2.867	PK



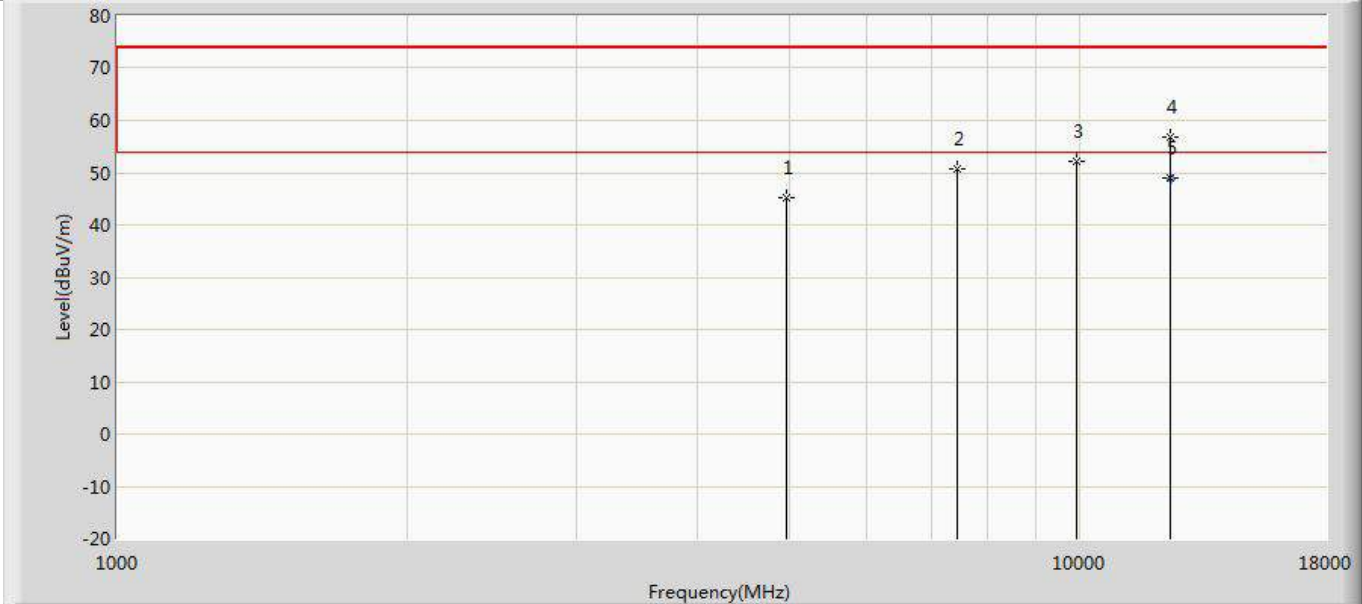
Profile: 24B1032R	Page No.: 35
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.568	55.455	-29.432	74.000	-10.888	PK
2		7440.000	47.565	54.675	-26.435	74.000	-7.110	PK
3	*	9920.000	52.334	54.199	-21.666	74.000	-1.865	PK

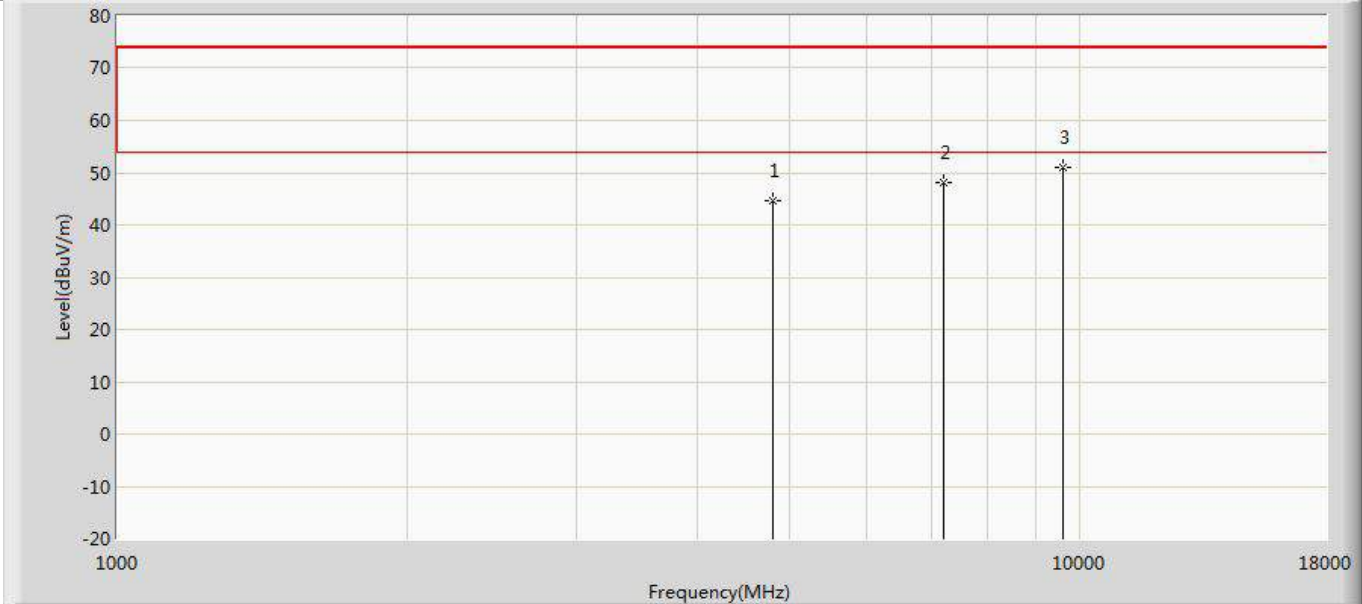


Profile: 24B1032R	Page No.: 36
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2480MHz by LE_1Mbps	



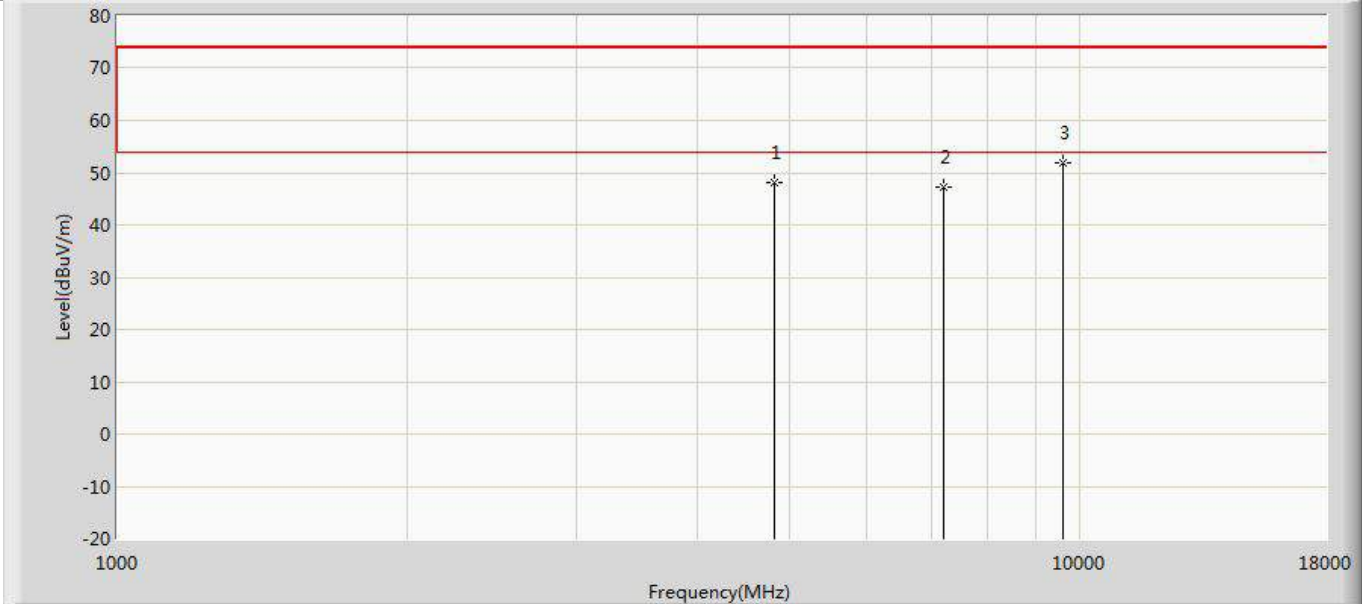
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.304	56.191	-28.696	74.000	-10.888	PK
2		7443.000	50.839	57.927	-23.161	74.000	-7.088	PK
3		9920.000	52.193	54.058	-21.807	74.000	-1.865	PK
4		12407.000	56.708	53.846	-17.292	74.000	2.862	PK
5	*	12407.000	49.089	46.227	-4.911	54.000	2.862	AV

Profile: 24B1032R	Page No.: 37
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
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	44.620	56.675	-29.380	74.000	-12.055	PK
2		7206.000	48.020	54.580	-25.980	74.000	-6.560	PK
3	*	9608.000	50.893	54.061	-23.107	74.000	-3.167	PK

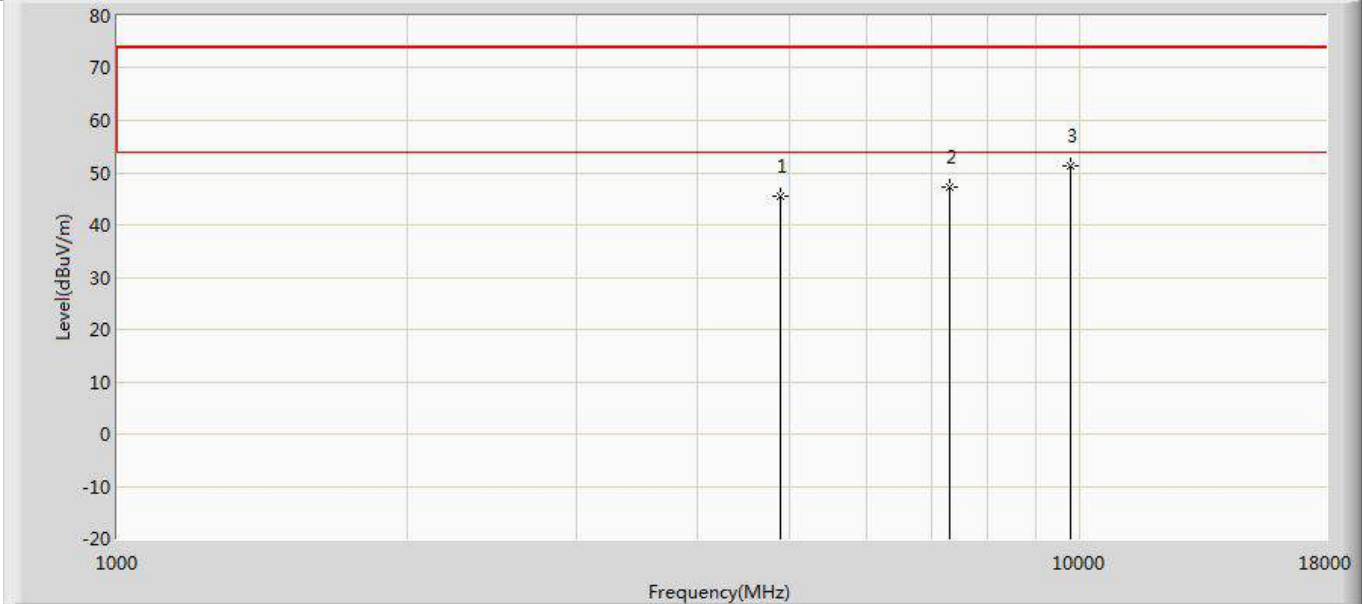
Profile: 24B1032R	Page No.: 38
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2402MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4808.000	48.115	60.148	-25.885	74.000	-12.033	PK
2		7206.000	47.229	53.789	-26.771	74.000	-6.560	PK
3	*	9608.000	51.986	55.154	-22.014	74.000	-3.167	PK



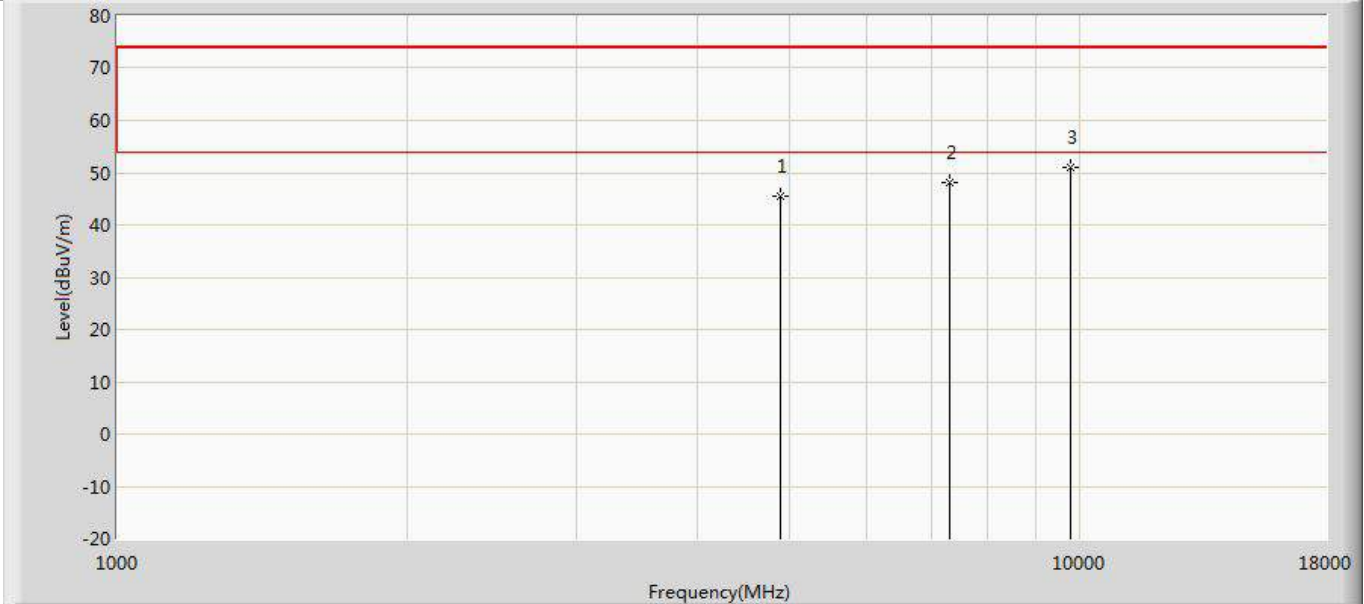
Profile: 24B1032R	Page No.: 39
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2440MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.526	56.303	-28.474	74.000	-10.777	PK
2		7320.000	47.183	54.474	-26.817	74.000	-7.291	PK
3	*	9760.000	51.315	54.182	-22.685	74.000	-2.867	PK



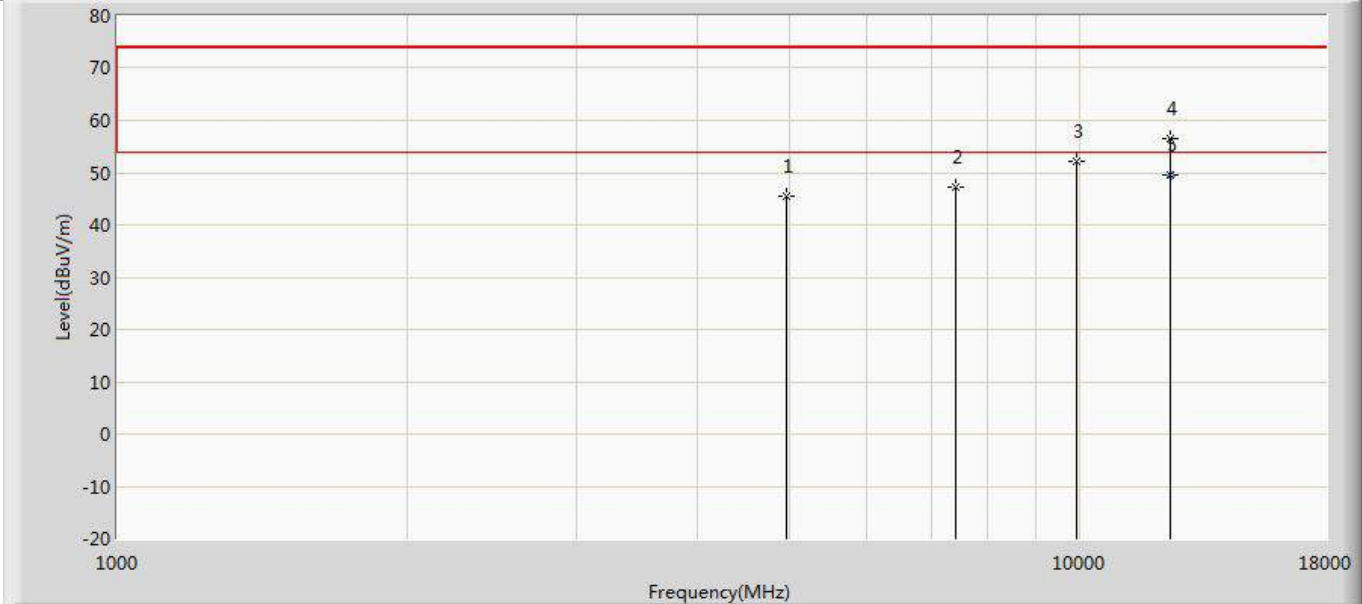
Profile: 24B1032R	Page No.: 40
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2440MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.395	56.172	-28.605	74.000	-10.777	PK
2		7320.000	48.183	55.474	-25.817	74.000	-7.291	PK
3	*	9760.000	51.114	53.981	-22.886	74.000	-2.867	PK



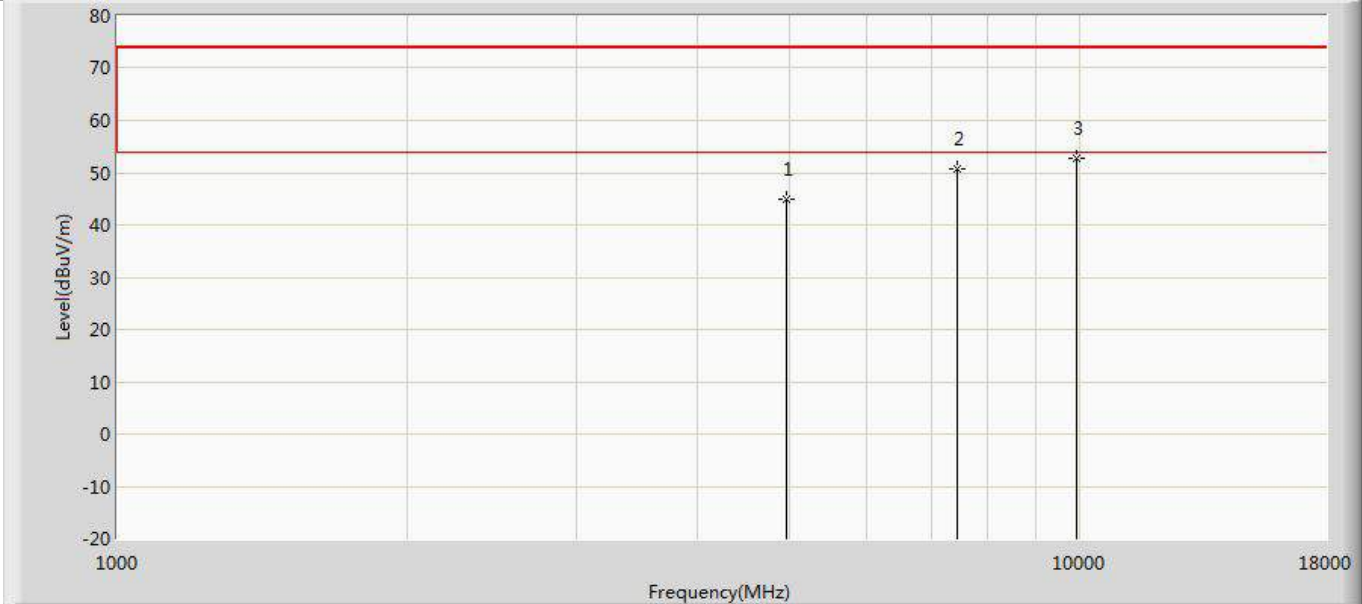
Profile: 24B1032R	Page No.: 41
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2480MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.419	56.306	-28.581	74.000	-10.888	PK
2		7440.000	47.365	54.475	-26.635	74.000	-7.110	PK
3		9920.000	52.052	53.917	-21.948	74.000	-1.865	PK
4		12407.000	56.562	53.700	-17.438	74.000	2.862	PK
5	*	12407.000	49.673	46.811	-4.327	54.000	2.862	AV

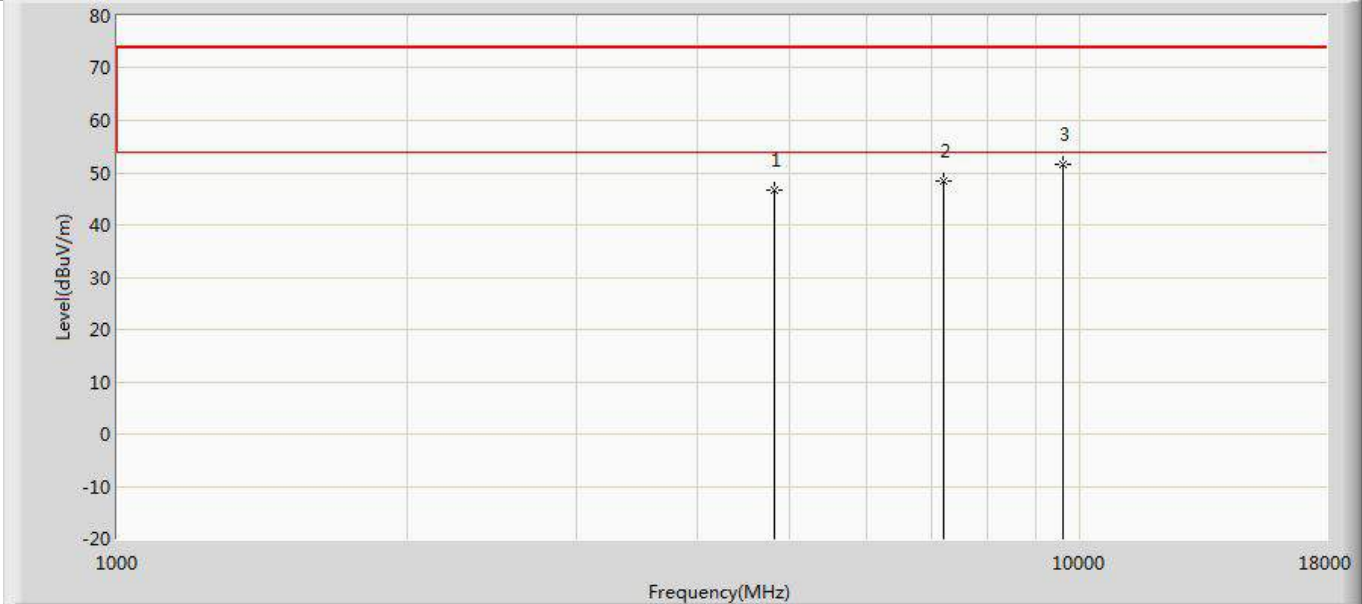


Profile: 24B1032R	Page No.: 42
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2480MHz by LE_2Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.912	55.799	-29.088	74.000	-10.888	PK
2		7443.000	50.778	57.866	-23.222	74.000	-7.088	PK
3	*	9920.000	52.760	54.625	-21.240	74.000	-1.865	PK

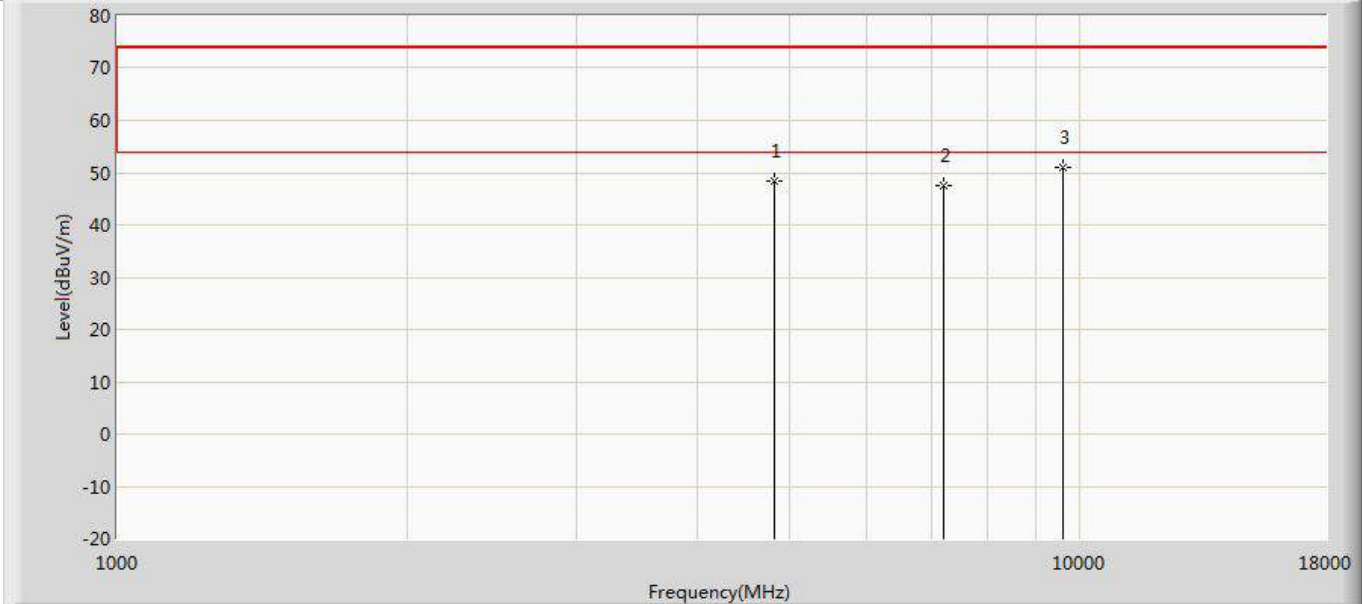
Profile: 24B1032R	Page No.: 43
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2402MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4808.000	46.781	58.814	-27.219	74.000	-12.033	PK
2		7206.000	48.280	54.840	-25.720	74.000	-6.560	PK
3	*	9608.000	51.518	54.686	-22.482	74.000	-3.167	PK

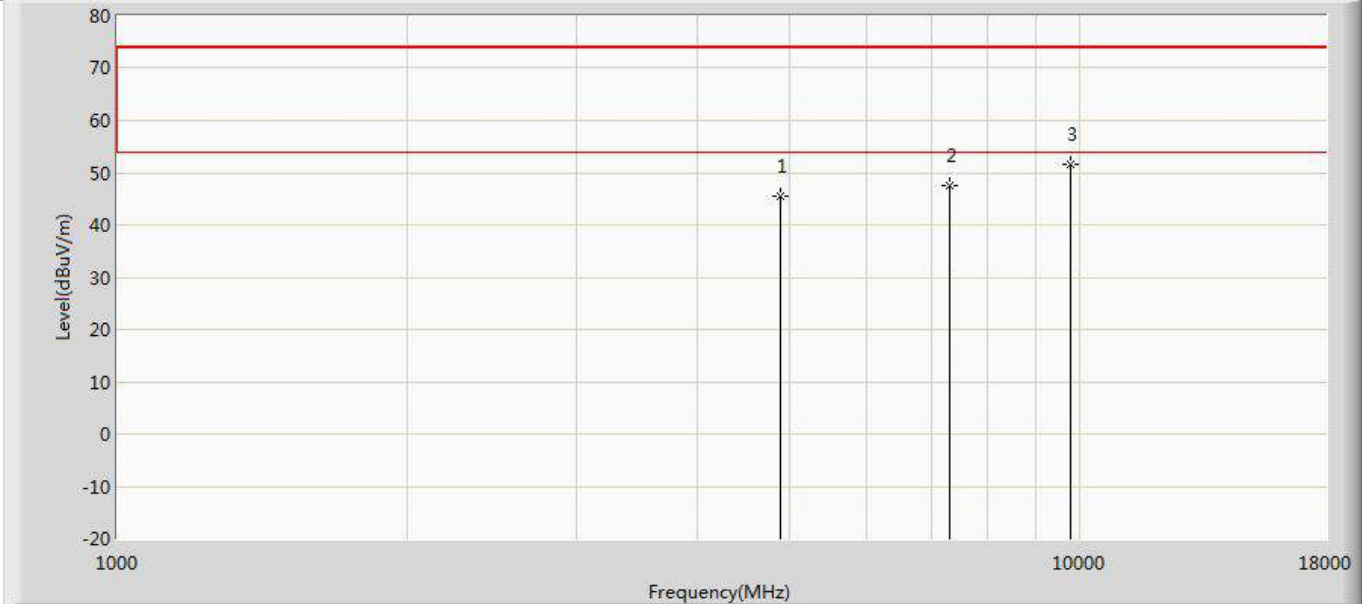


Profile: 24B1032R	Page No.: 44
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2402MHz by LE_Coded S=2	



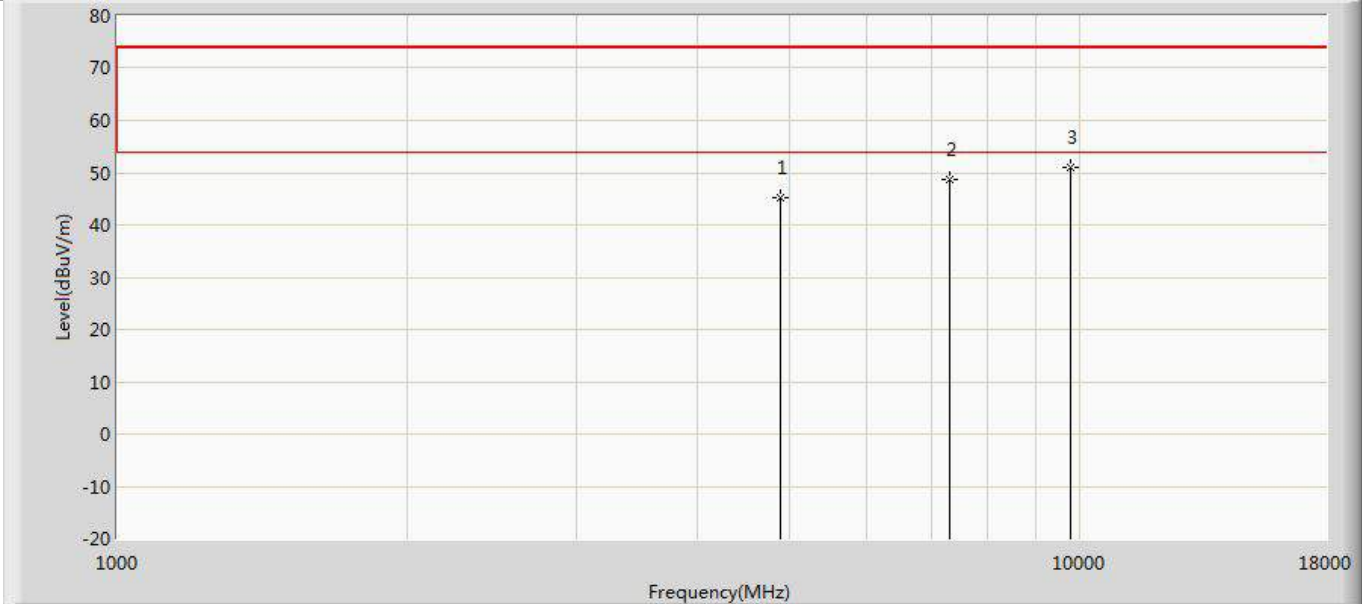
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4808.000	48.416	60.449	-25.584	74.000	-12.033	PK
2		7206.000	47.534	54.094	-26.466	74.000	-6.560	PK
3	*	9608.000	50.996	54.164	-23.004	74.000	-3.167	PK

Profile: 24B1032R	Page No.: 45
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2440MHz by LE_Coded S=2	



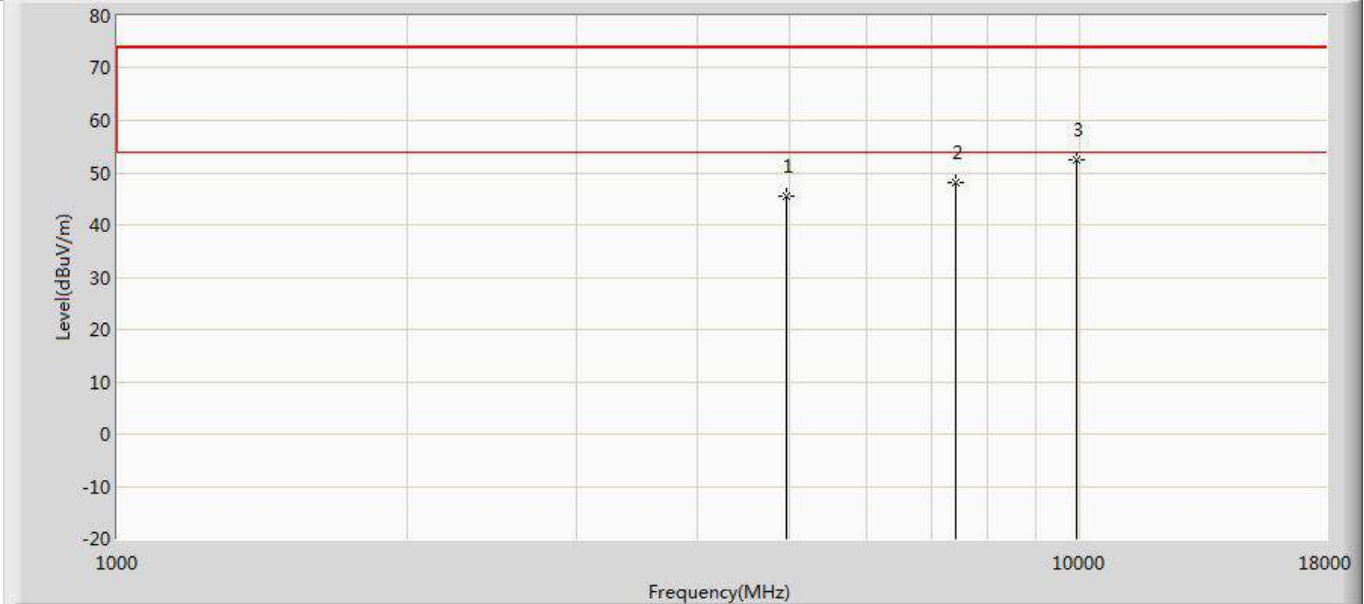
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.419	56.196	-28.581	74.000	-10.777	PK
2		7320.000	47.621	54.912	-26.379	74.000	-7.291	PK
3	*	9760.000	51.702	54.569	-22.298	74.000	-2.867	PK

Profile: 24B1032R	Page No.: 46
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
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	45.318	56.095	-28.682	74.000	-10.777	PK
2		7320.000	48.648	55.939	-25.352	74.000	-7.291	PK
3	*	9760.000	51.124	53.991	-22.876	74.000	-2.867	PK

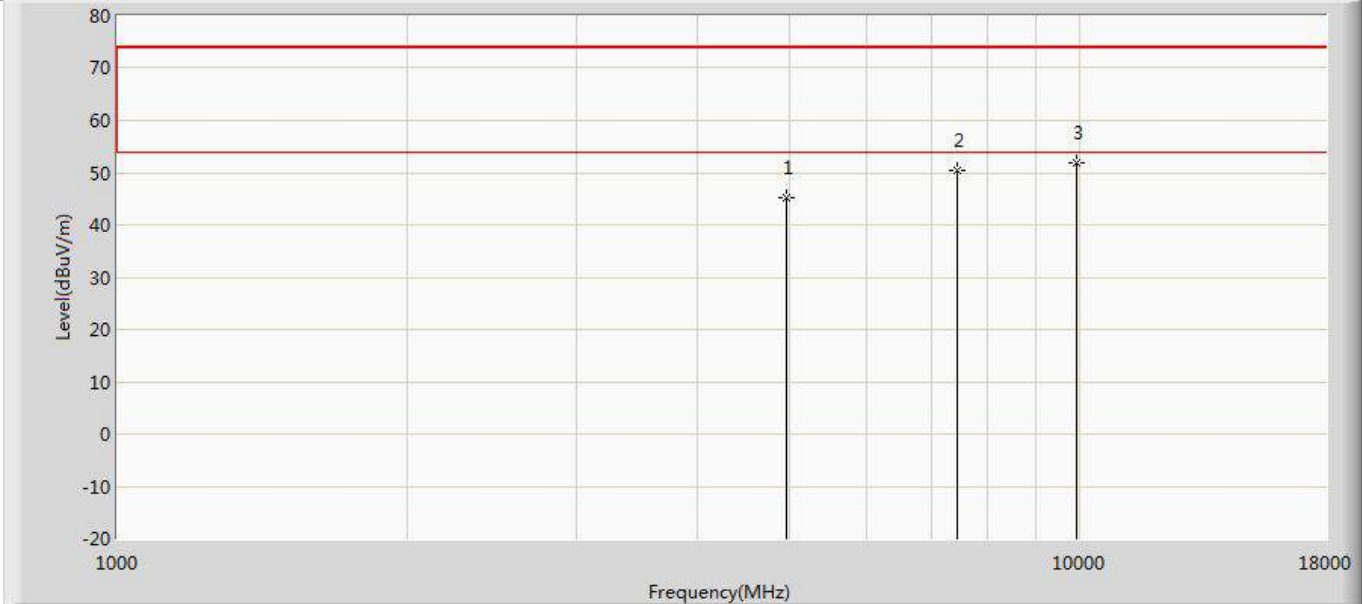
Profile: 24B1032R	Page No.: 47
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2480MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.613	56.500	-28.387	74.000	-10.888	PK
2		7440.000	48.100	55.210	-25.900	74.000	-7.110	PK
3	*	9920.000	52.601	54.466	-21.399	74.000	-1.865	PK

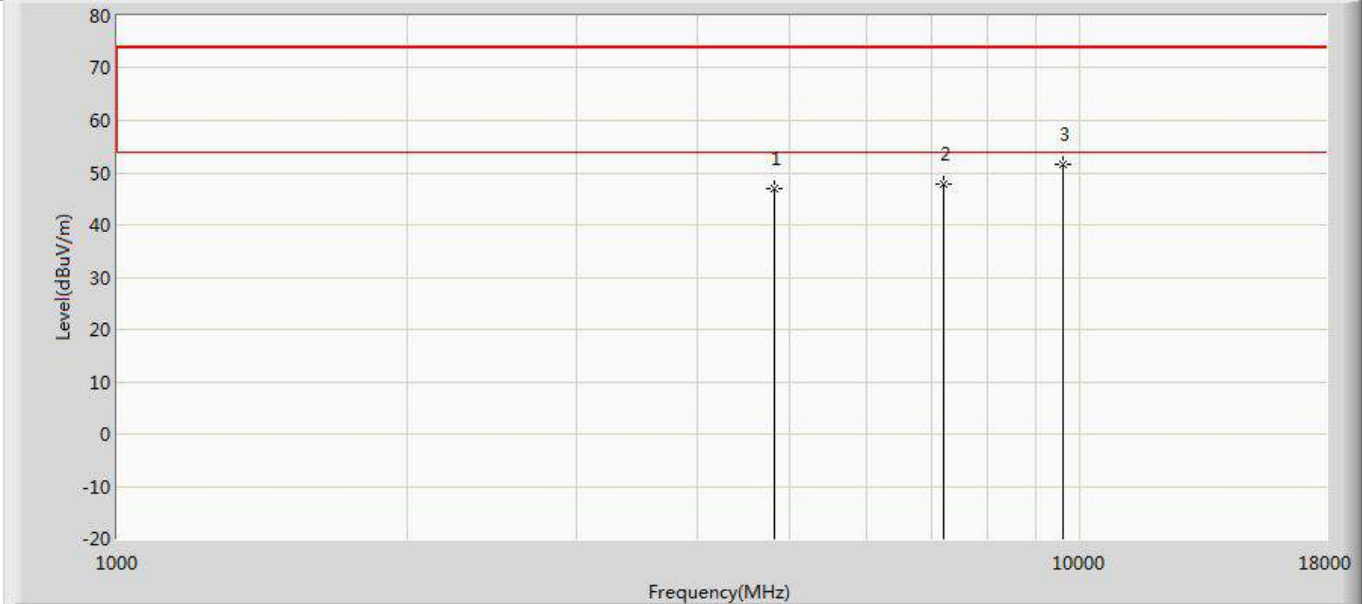


Profile: 24B1032R	Page No.: 48
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2480MHz by LE_Coded S=2	



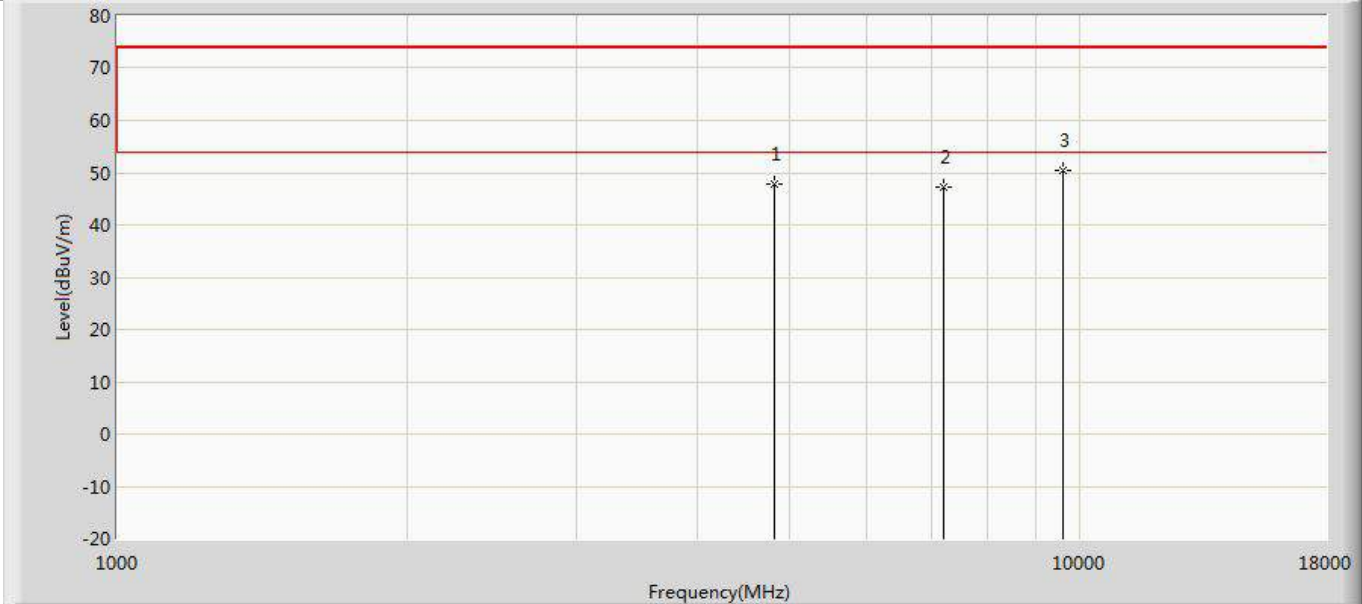
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.309	56.196	-28.691	74.000	-10.888	PK
2		7443.000	50.498	57.586	-23.502	74.000	-7.088	PK
3	*	9920.000	51.936	53.801	-22.064	74.000	-1.865	PK

Profile: 24B1032R	Page No.: 49
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
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		4808.000	46.941	58.974	-27.059	74.000	-12.033	PK
2		7206.000	47.800	54.360	-26.200	74.000	-6.560	PK
3	*	9608.000	51.699	54.867	-22.301	74.000	-3.167	PK

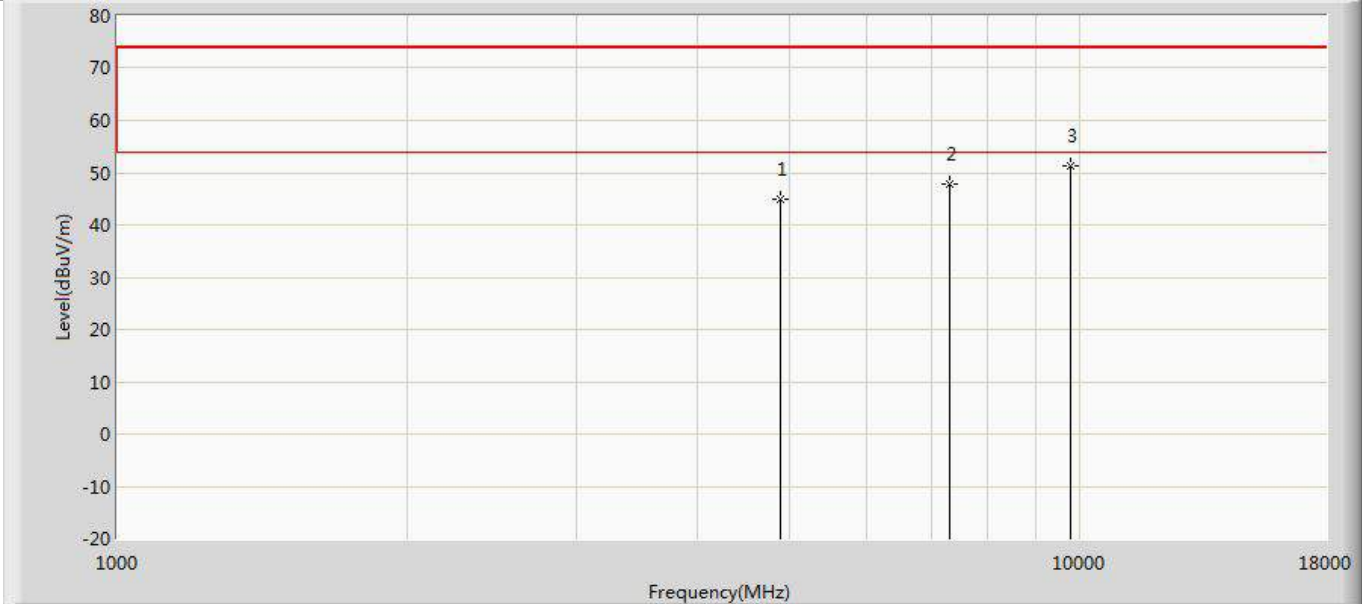
Profile: 24B1032R	Page No.: 50
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4808.000	47.913	59.946	-26.087	74.000	-12.033	PK
2		7206.000	47.366	53.926	-26.634	74.000	-6.560	PK
3	*	9608.000	50.507	53.675	-23.493	74.000	-3.167	PK



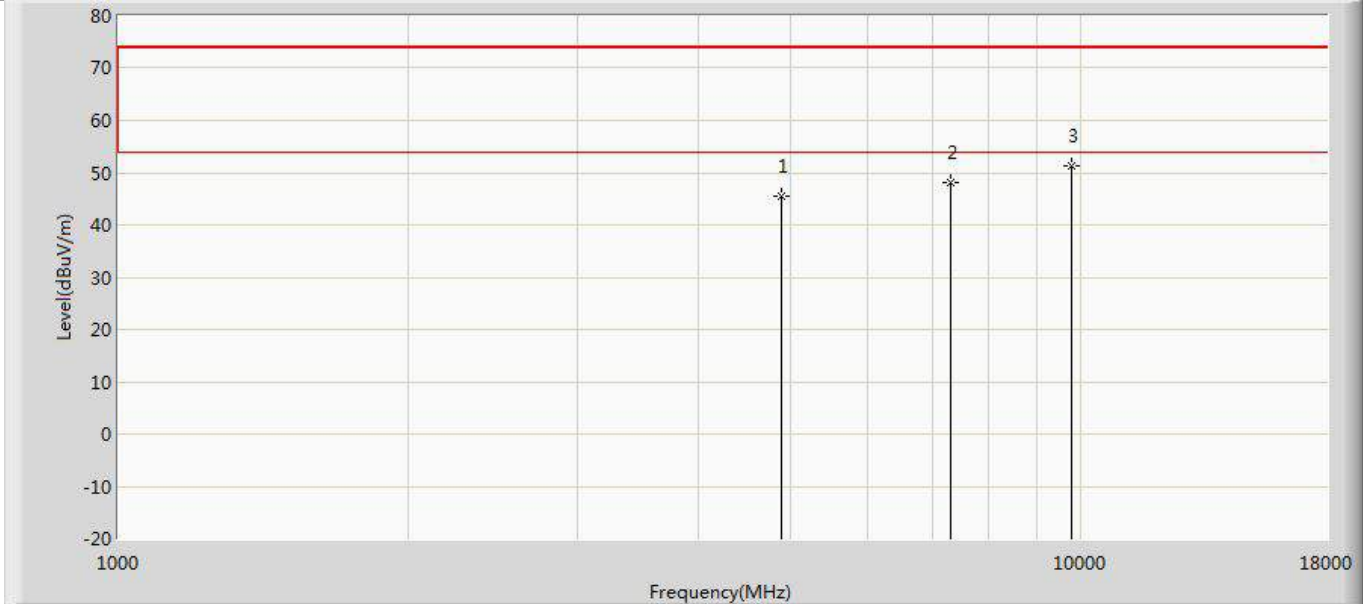
Profile: 24B1032R	Page No.: 51
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4: Transmit at 2440MHz by LE_Coded S=8	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	44.904	55.681	-29.096	74.000	-10.777	PK
2		7320.000	47.760	55.051	-26.240	74.000	-7.291	PK
3	*	9760.000	51.262	54.129	-22.738	74.000	-2.867	PK

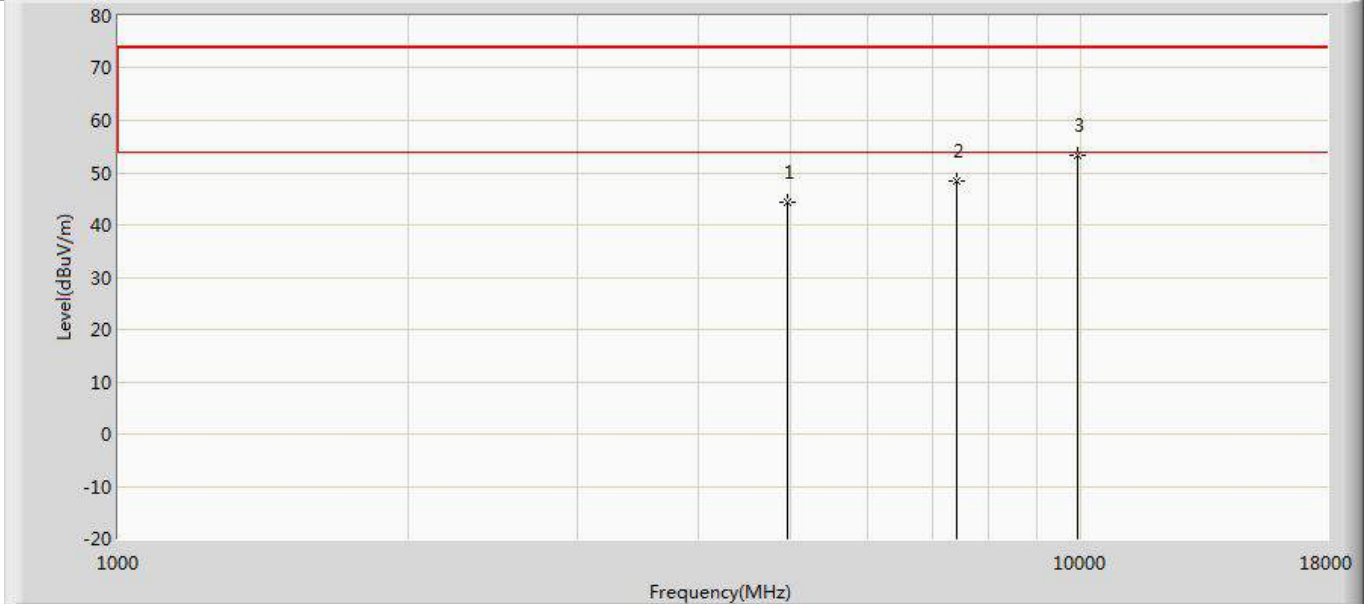


Profile: 24B1032R	Page No.: 52
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=8	



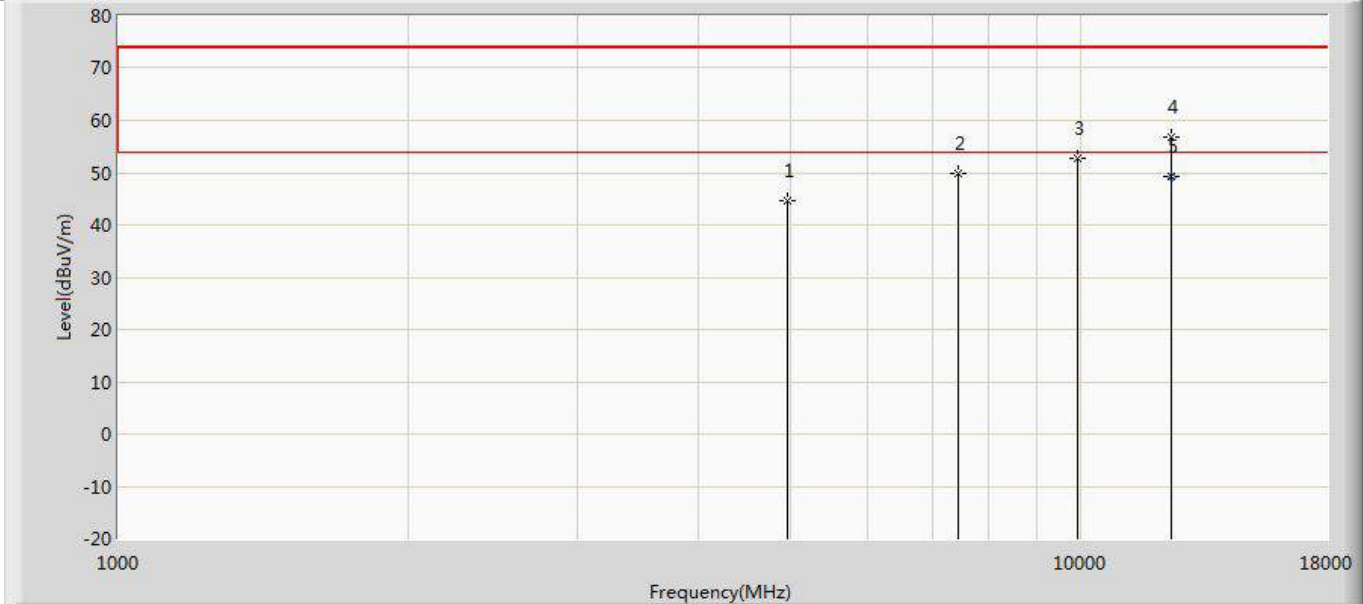
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.554	56.331	-28.446	74.000	-10.777	PK
2		7320.000	48.209	55.500	-25.791	74.000	-7.291	PK
3	*	9760.000	51.438	54.305	-22.562	74.000	-2.867	PK

Profile: 24B1032R	Page No.: 53
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
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	44.310	55.197	-29.690	74.000	-10.888	PK
2		7440.000	48.316	55.426	-25.684	74.000	-7.110	PK
3	*	9920.000	53.211	55.076	-20.789	74.000	-1.865	PK

Profile: 24B1032R	Page No.: 54
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=8	

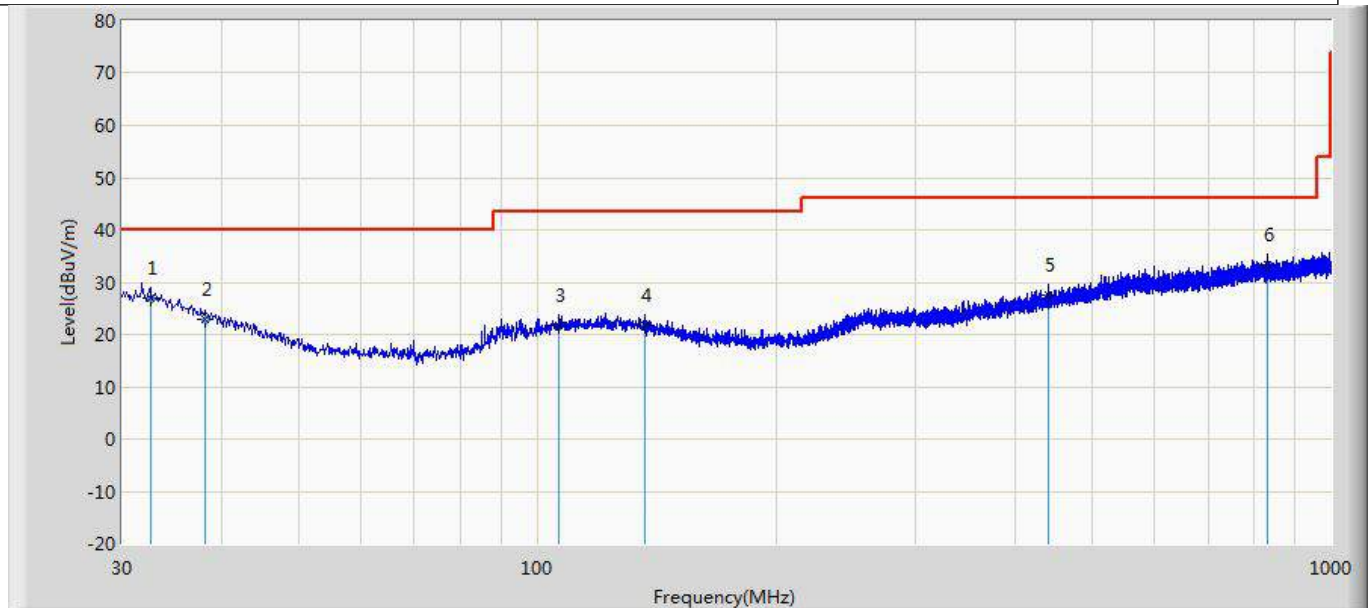


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.782	55.669	-29.218	74.000	-10.888	PK
2		7443.000	49.757	56.845	-24.243	74.000	-7.088	PK
3		9920.000	52.895	54.760	-21.105	74.000	-1.865	PK
4		12407.000	56.874	54.012	-17.126	74.000	2.862	PK
5	*	12407.000	49.402	46.540	-4.598	54.000	2.862	AV

- Note:
- 1. Measured Level = Reading Level + Factor.
 - 2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
 - 3. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.
 - 4. If the test result on peak is lower than average limit, then average measurement needn't be performed.

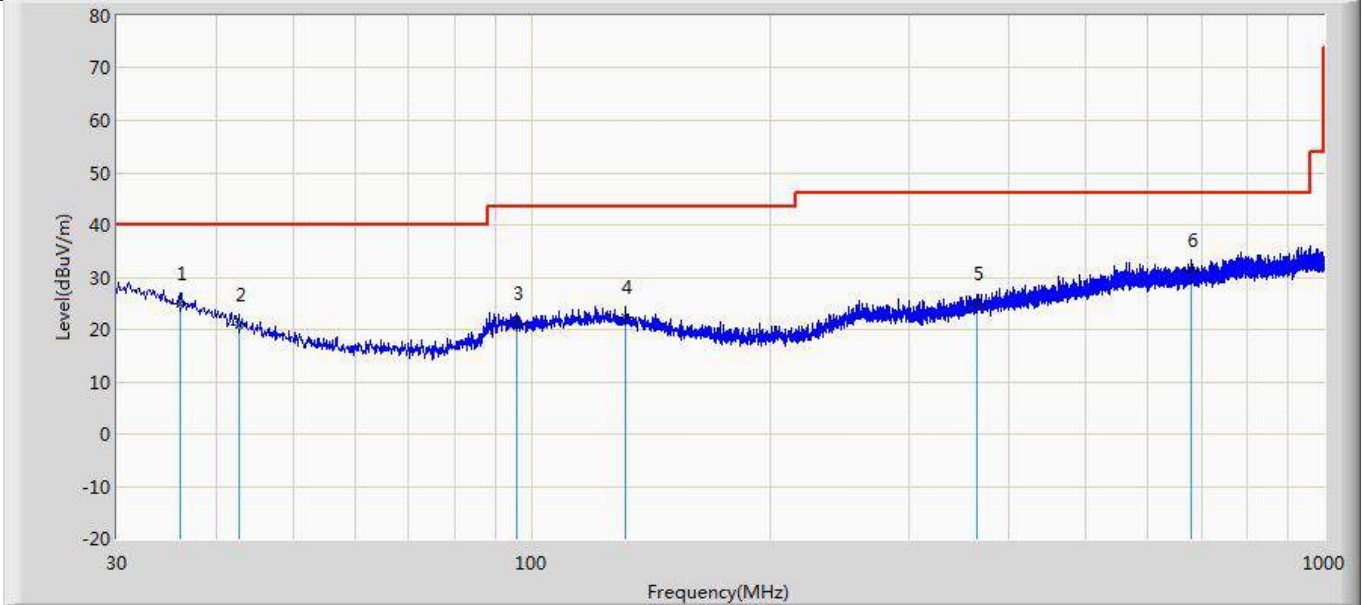
The worst case of Radiated Emission below 1GHz :

Profile: 24B1032R	Page No.: 1
Engineer: Yu Liu	
Site: AC2	Time: 2024/12/19 - 19:29
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
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		32.546	26.988	3.275	-13.012	40.000	23.713	QP
2		38.124	22.774	2.176	-17.226	40.000	20.598	QP
3		106.630	21.762	2.971	-21.738	43.500	18.791	QP
4		136.458	21.754	3.195	-21.746	43.500	18.559	QP
5		439.825	27.489	3.057	-18.511	46.000	24.432	QP
6	*	832.432	33.387	4.045	-12.613	46.000	29.342	QP

Profile: 24B1032R	Page No.: 2
Engineer: Yu Liu	
Site: AC2	Time: 2024/12/19 - 19:29
Limit: FCC_Part 15.209	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
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		36.062	25.004	3.247	-14.996	40.000	21.757	QP
2		42.731	20.766	2.634	-19.234	40.000	18.132	QP
3		95.717	21.088	3.913	-22.412	43.500	17.175	QP
4		131.486	22.312	3.390	-21.188	43.500	18.921	QP
5		364.165	24.792	2.203	-21.208	46.000	22.588	QP
6	*	680.506	31.250	3.619	-14.750	46.000	27.631	QP

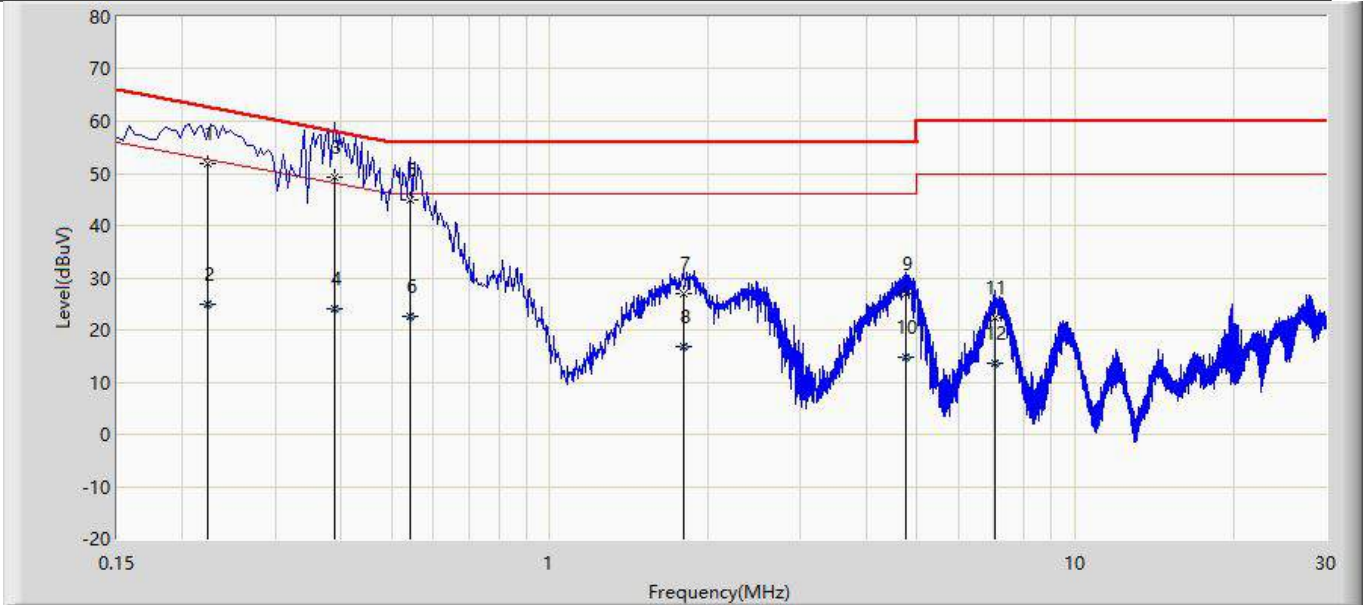
Note:

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

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

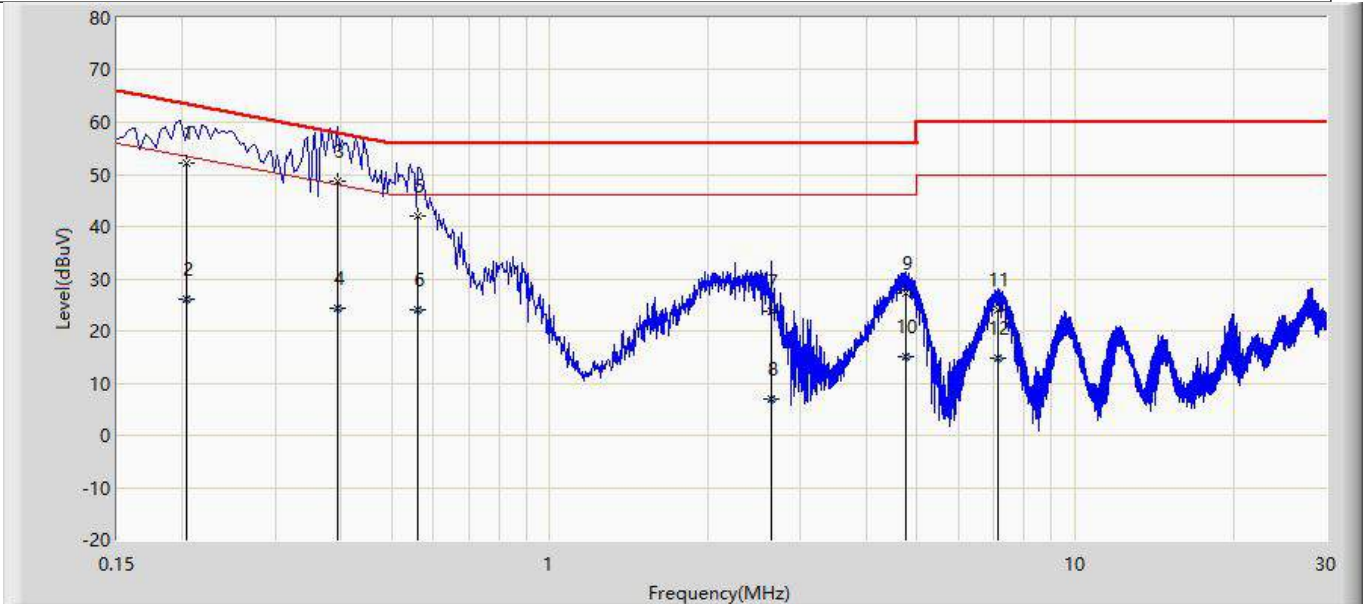
Appendix I: AC Power Line Conducted Emission

Profile: 24B1032R	Page No.: 1
Engineer: Yu Liu	
Site: TR1	Time: 2024/12/10 - 23:32
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Line
EUT: LED Lamp	Power: 120Vac/60Hz
Note: mode 1:Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.223	51.787	42.163	-10.908	62.694	9.623	QP
2		0.223	25.043	15.420	-27.651	52.694	9.623	AV
3	*	0.390	49.258	39.627	-8.806	58.064	9.631	QP
4		0.390	24.022	14.391	-24.042	48.064	9.631	AV
5		0.542	45.030	35.392	-10.970	56.000	9.638	QP
6		0.542	22.725	13.086	-23.275	46.000	9.638	AV
7		1.802	26.826	17.136	-29.174	56.000	9.690	QP
8		1.802	16.932	7.242	-29.068	46.000	9.690	AV
9		4.754	26.852	17.097	-29.148	56.000	9.755	QP
10		4.754	14.830	5.075	-31.170	46.000	9.755	AV
11		7.054	22.368	12.551	-37.632	60.000	9.817	QP
12		7.054	13.622	3.805	-36.378	50.000	9.817	AV

Profile: 24B1032R	Page No.: 2
Engineer: Yu Liu	
Site: TR1	Time: 2024/12/10 - 23:36
Limit: FCC_Part 15.207	Margin: 0
Probe: ENV216_101189(0.009-30MHz)	Polarity: Neutral
EUT: LED Lamp	Power: 120Vac/60Hz
Note: mode 1:Transmit at 2402MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV)	Factor (dB)	Type
1		0.204	52.189	42.556	-11.263	63.452	9.633	QP
2		0.204	26.038	16.405	-27.414	53.452	9.633	AV
3	*	0.394	48.708	39.066	-9.271	57.979	9.641	QP
4		0.394	24.471	14.830	-23.507	47.979	9.641	AV
5		0.562	42.004	32.354	-13.996	56.000	9.650	QP
6		0.562	23.935	14.285	-22.065	46.000	9.650	AV
7		2.642	23.896	14.179	-32.104	56.000	9.717	QP
8		2.642	7.072	-2.645	-38.928	46.000	9.717	AV
9		4.762	27.104	17.339	-28.896	56.000	9.766	QP
10		4.762	15.044	5.279	-30.956	46.000	9.766	AV
11		7.150	23.977	14.157	-36.023	60.000	9.820	QP
12		7.150	14.685	4.865	-35.315	50.000	9.820	AV

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

The End