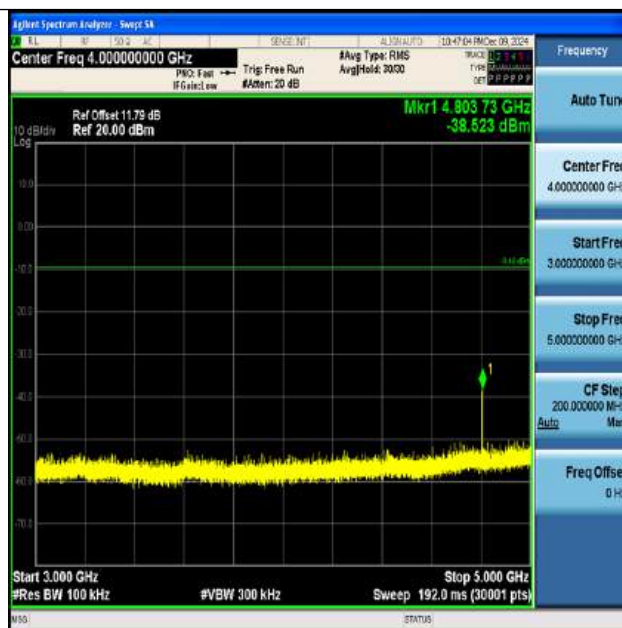
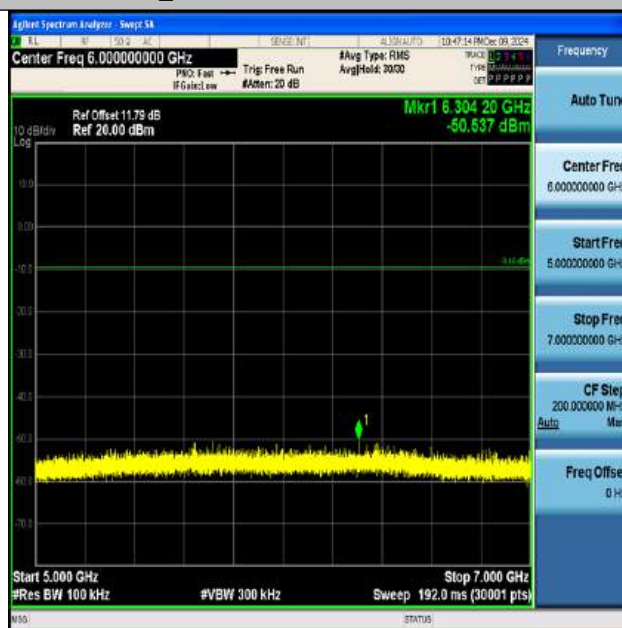
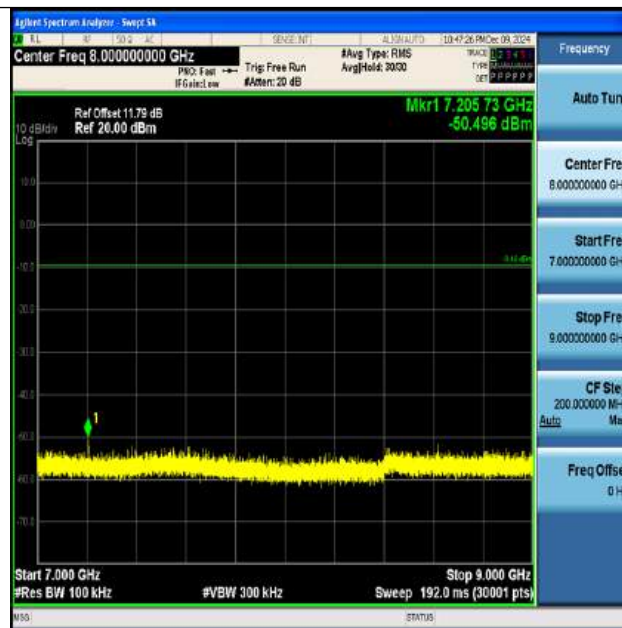




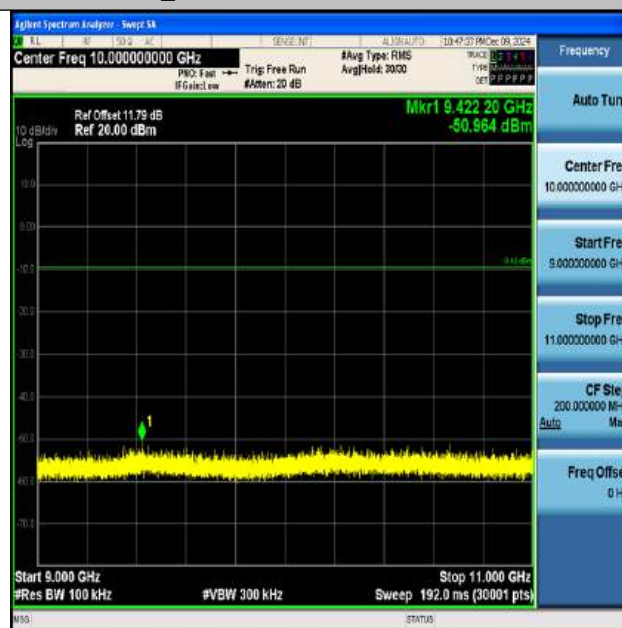
BLE_1M-Ant1-2402-3000~5000-PASS



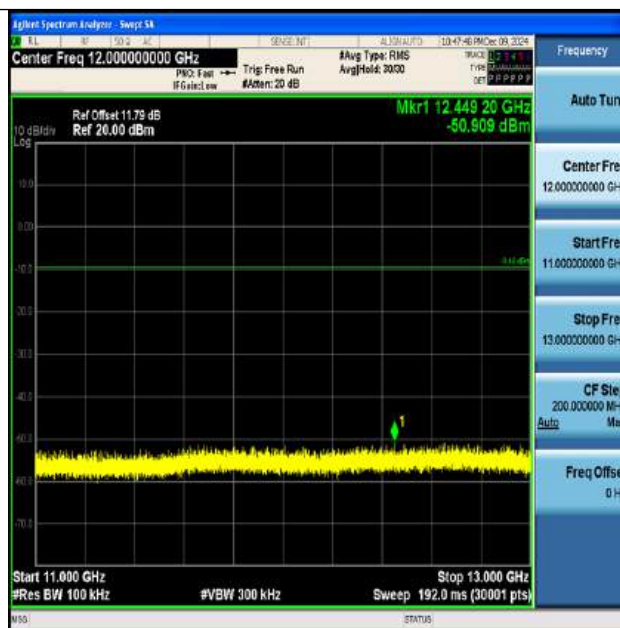
BLE_1M-Ant1-2402-5000~7000-PASS



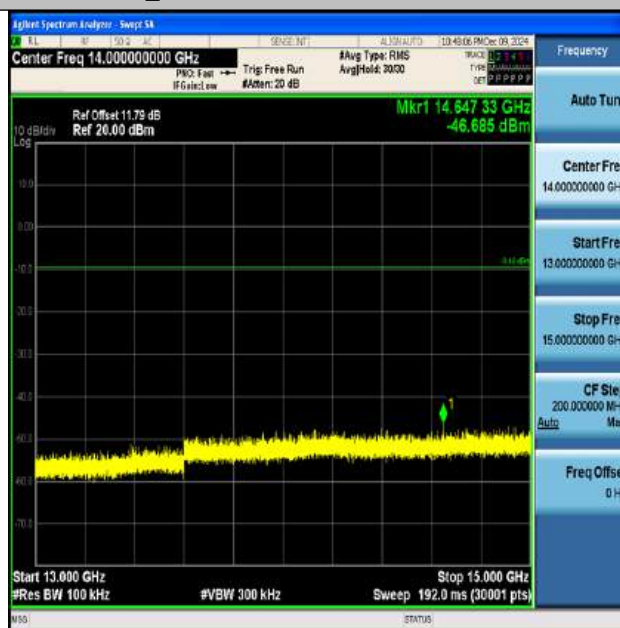
BLE_1M-Ant1-2402-7000~9000-PASS



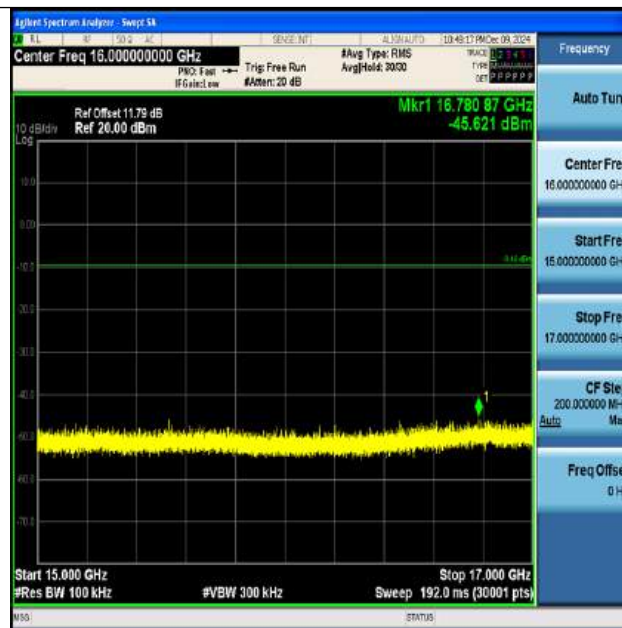
BLE_1M-Ant1-2402-9000~11000-PASS



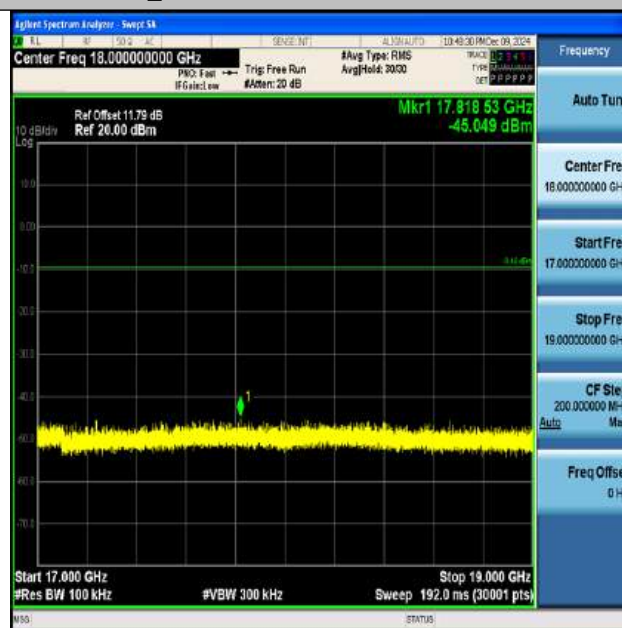
BLE_1M-Ant1-2402-11000~13000-PASS



BLE_1M-Ant1-2402-13000~15000-PASS



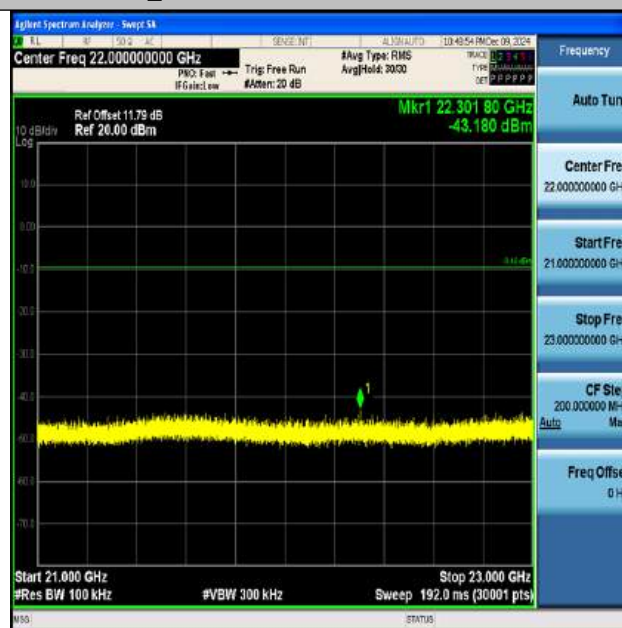
BLE_1M-Ant1-2402-15000~17000-PASS



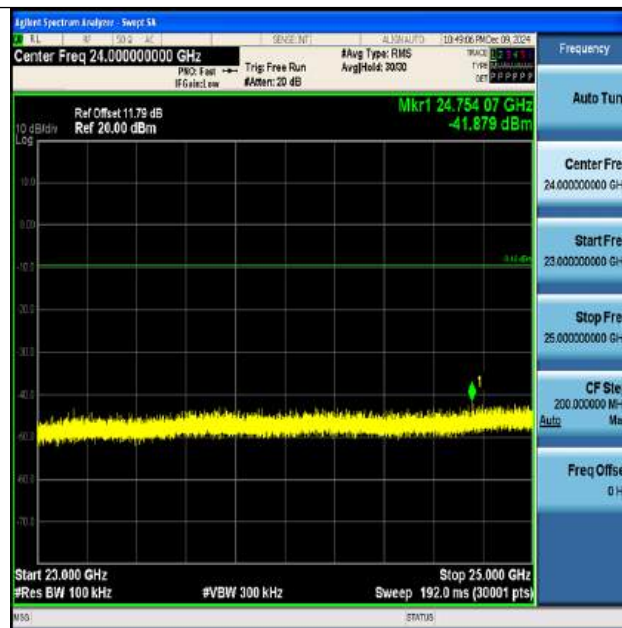
BLE_1M-Ant1-2402-17000~19000-PASS



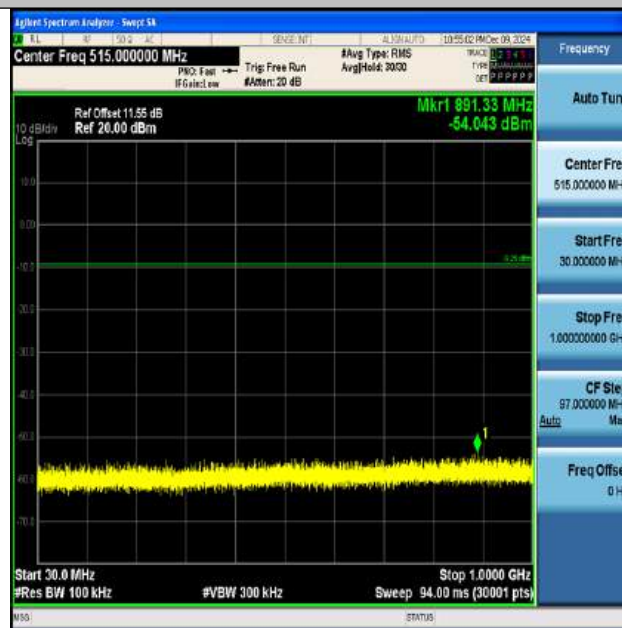
BLE_1M-Ant1-2402-19000~21000-PASS



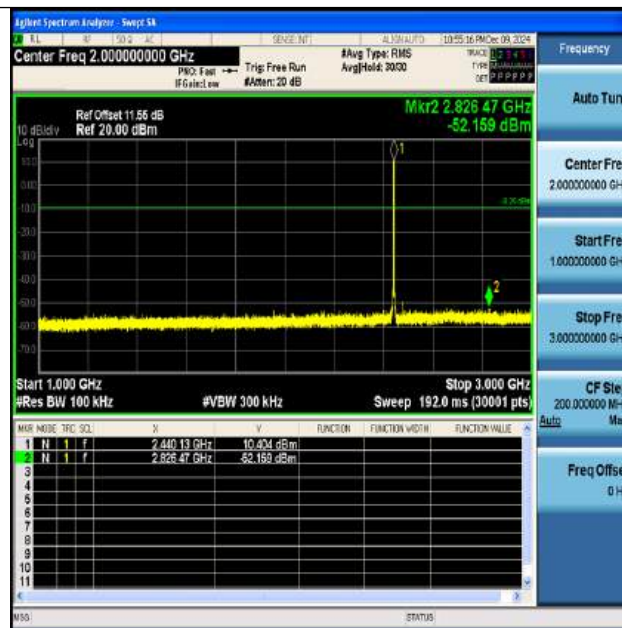
BLE_1M-Ant1-2402-21000~23000-PASS



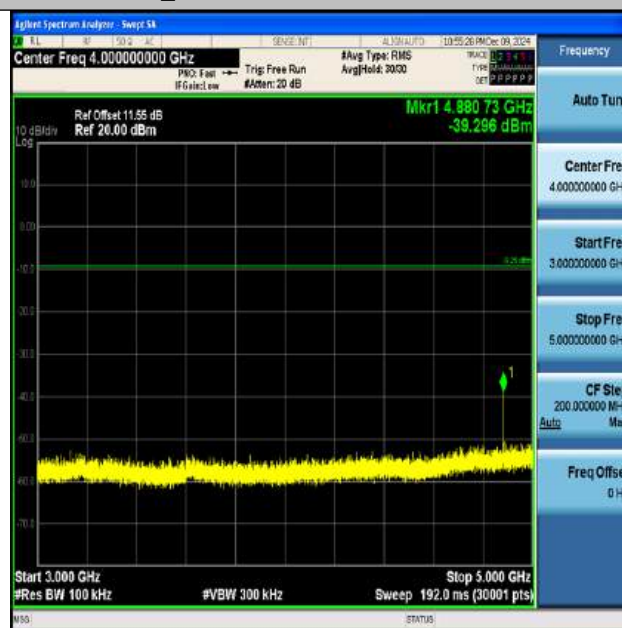
BLE_1M-Ant1-2402-23000~25000-PASS



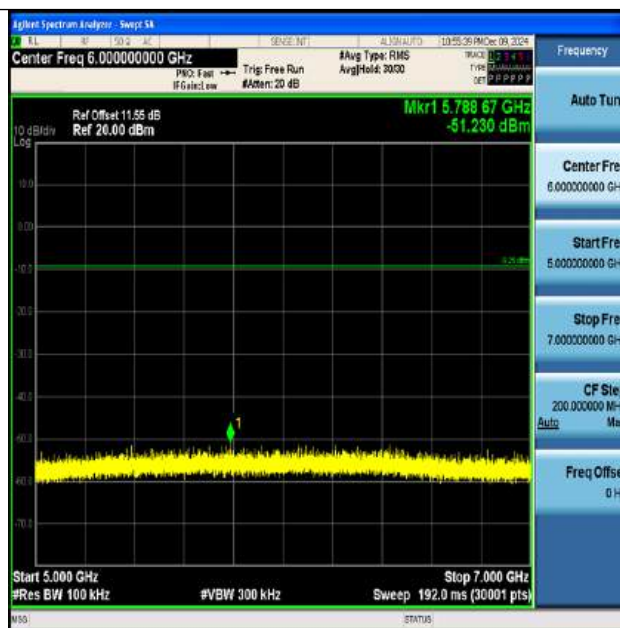
BLE_1M-Ant1-2440-30~1000-PASS



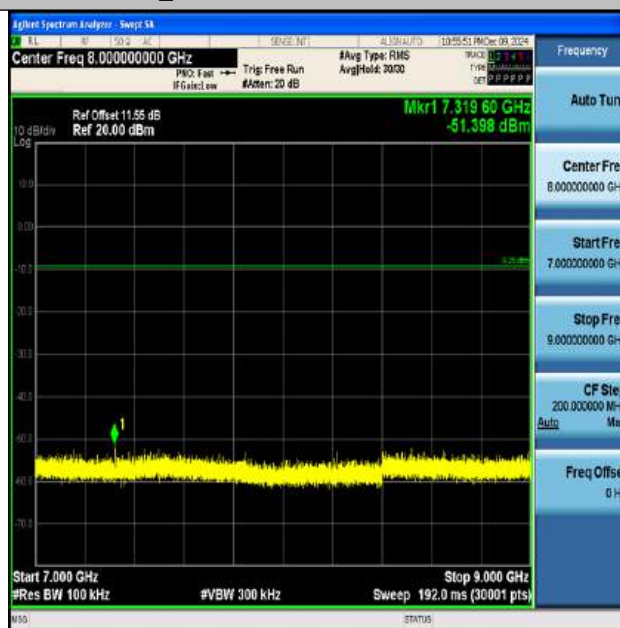
BLE_1M-Ant1-2440-1000~3000-PASS



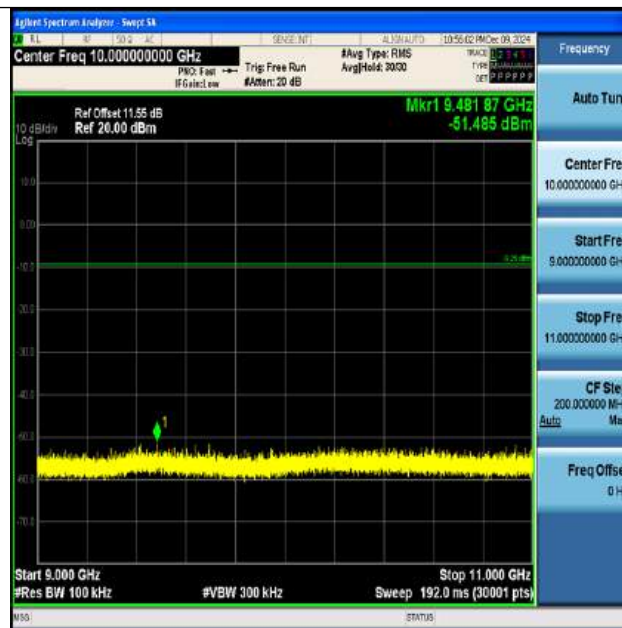
BLE_1M-Ant1-2440-3000~5000-PASS



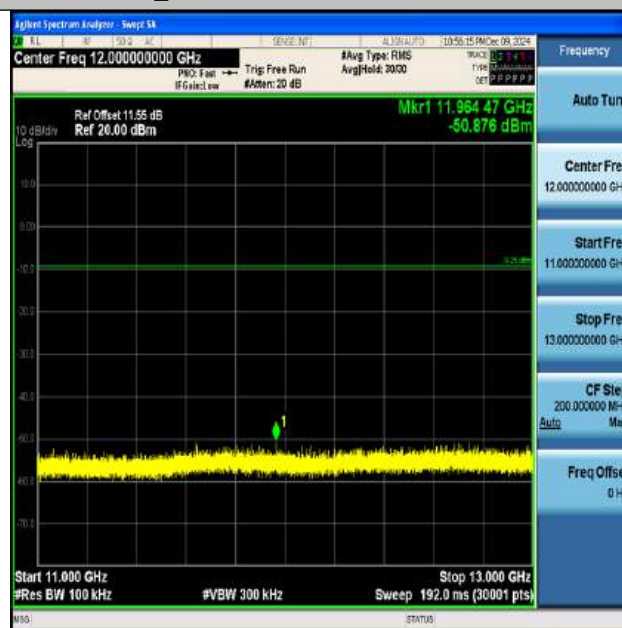
BLE_1M-Ant1-2440-5000~7000-PASS



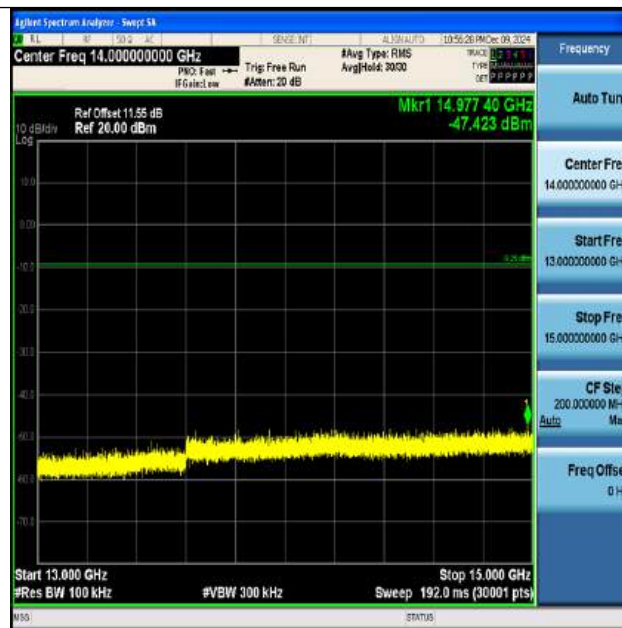
BLE_1M-Ant1-2440-7000~9000-PASS



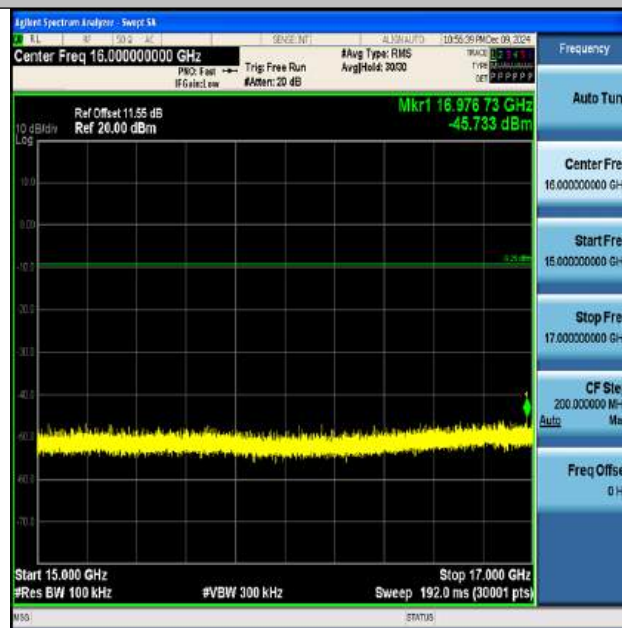
BLE_1M-Ant1-2440-9000~11000-PASS



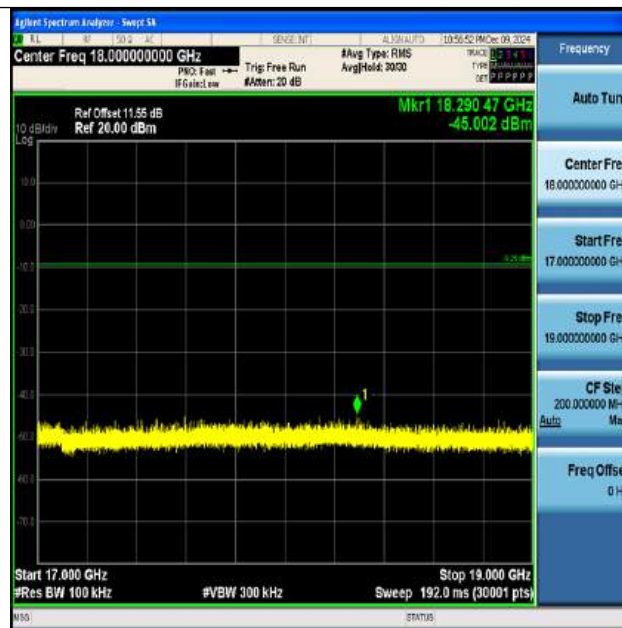
BLE_1M-Ant1-2440-11000~13000-PASS



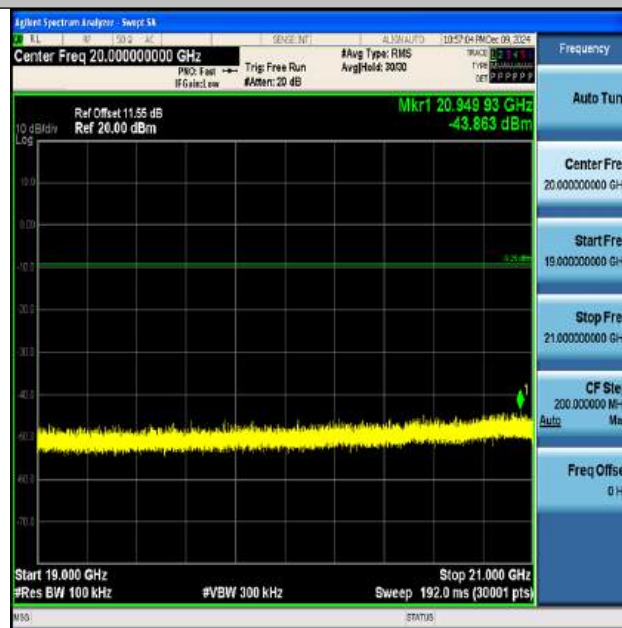
BLE_1M-Ant1-2440-13000~15000-PASS



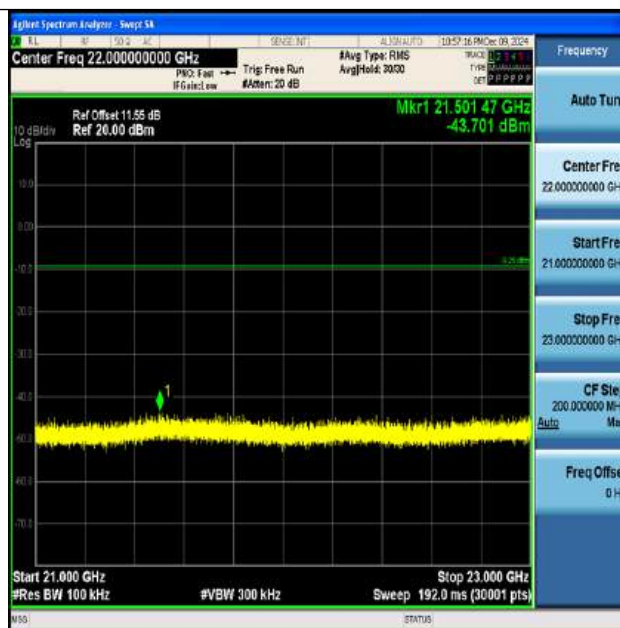
BLE_1M-Ant1-2440-15000~17000-PASS



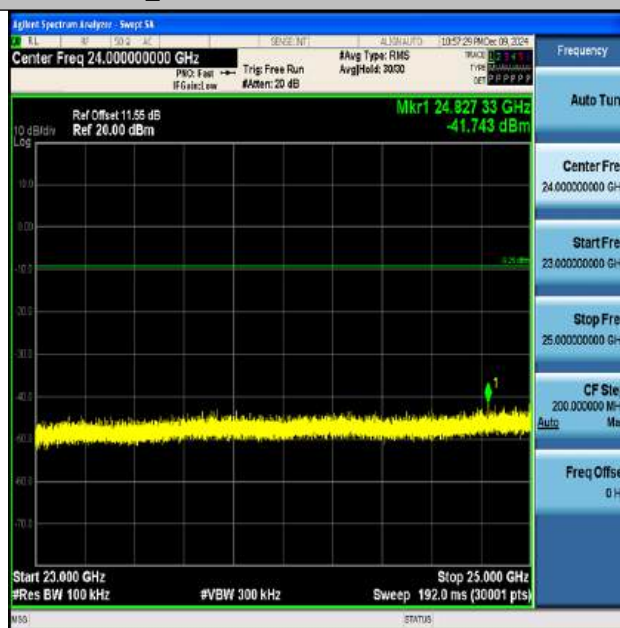
BLE_1M-Ant1-2440-17000~19000-PASS



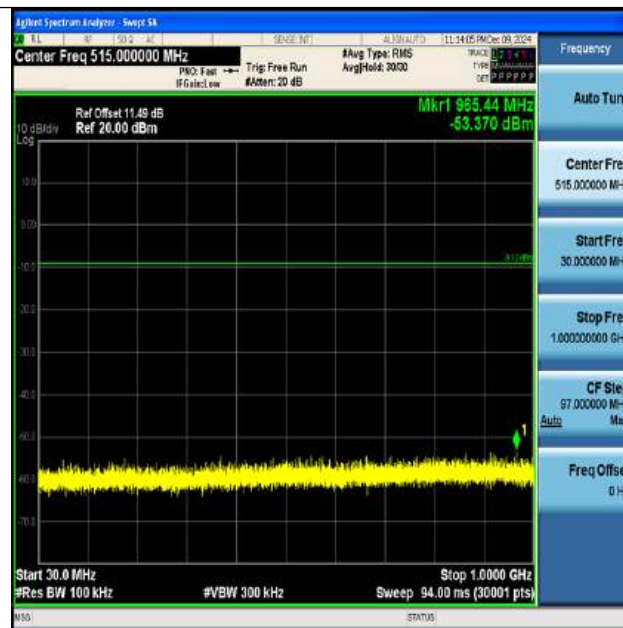
BLE_1M-Ant1-2440-19000~21000-PASS



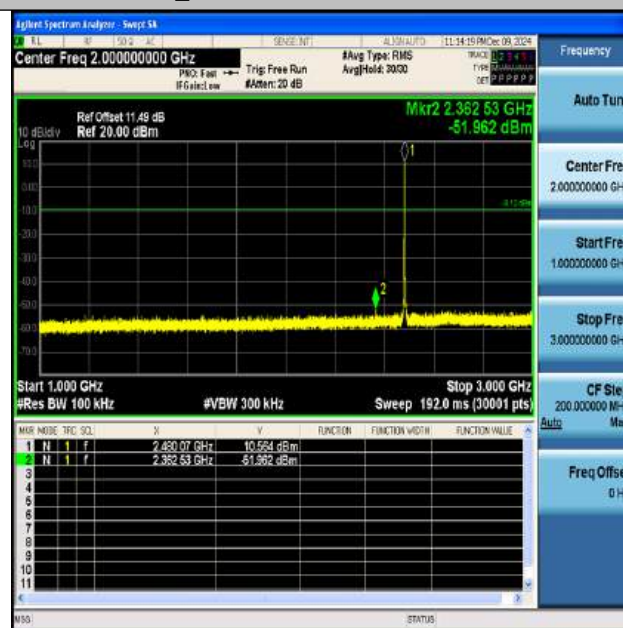
BLE_1M-Ant1-2440-21000~23000-PASS



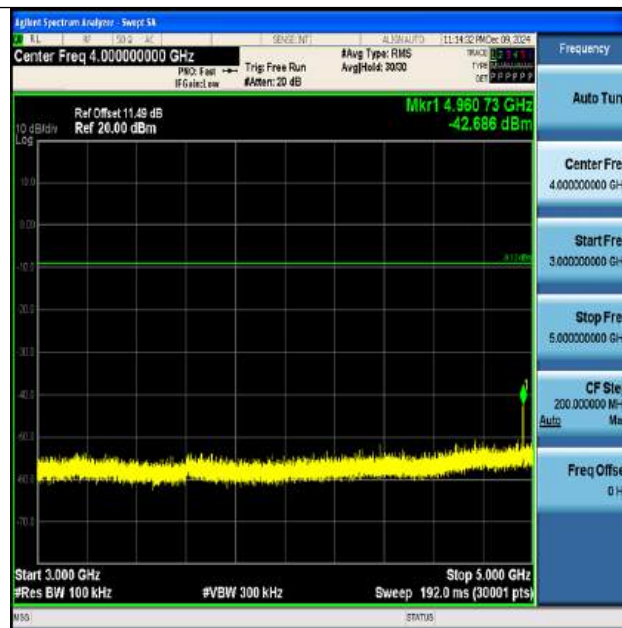
BLE_1M-Ant1-2440-23000~25000-PASS



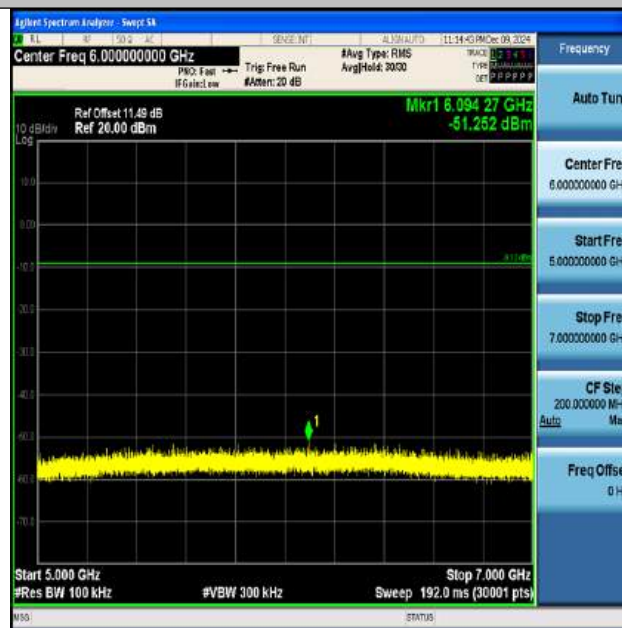
BLE_1M-Ant1-2480-30~1000-PASS



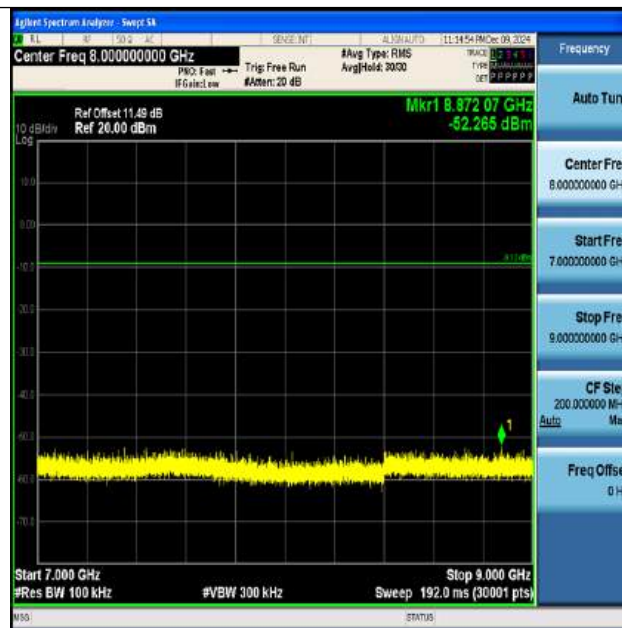
BLE_1M-Ant1-2480-1000~3000-PASS



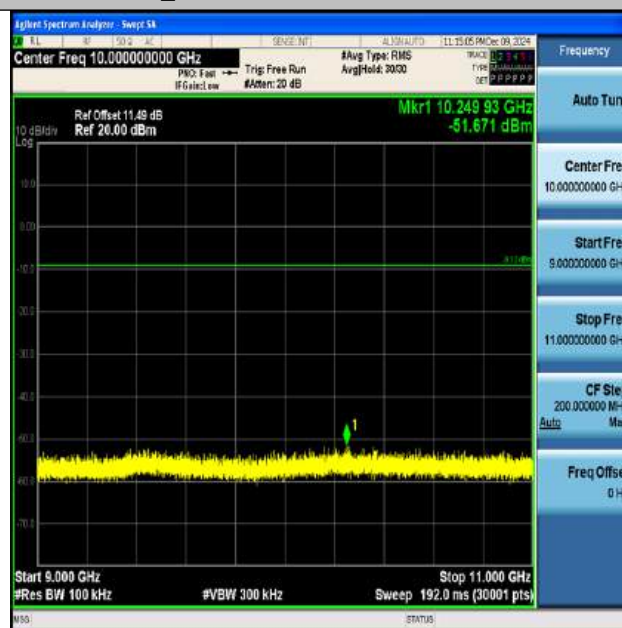
BLE_1M-Ant1-2480-3000~5000-PASS



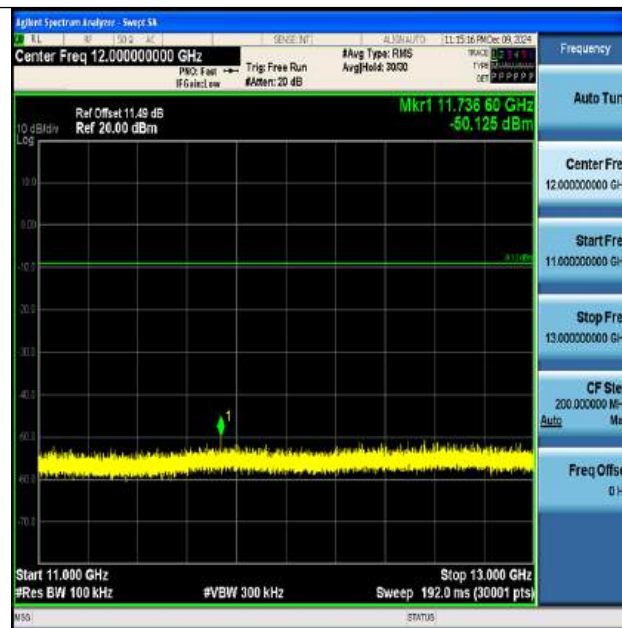
BLE_1M-Ant1-2480-5000~7000-PASS



BLE_1M-Ant1-2480-7000~9000-PASS



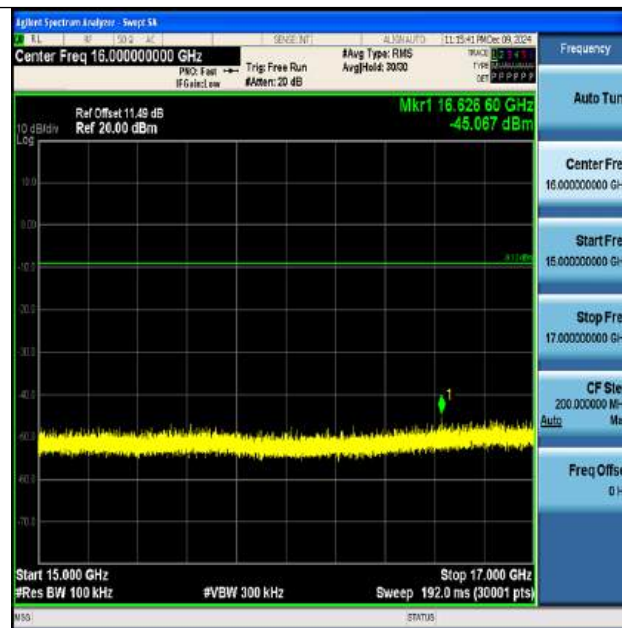
BLE_1M-Ant1-2480-9000~11000-PASS



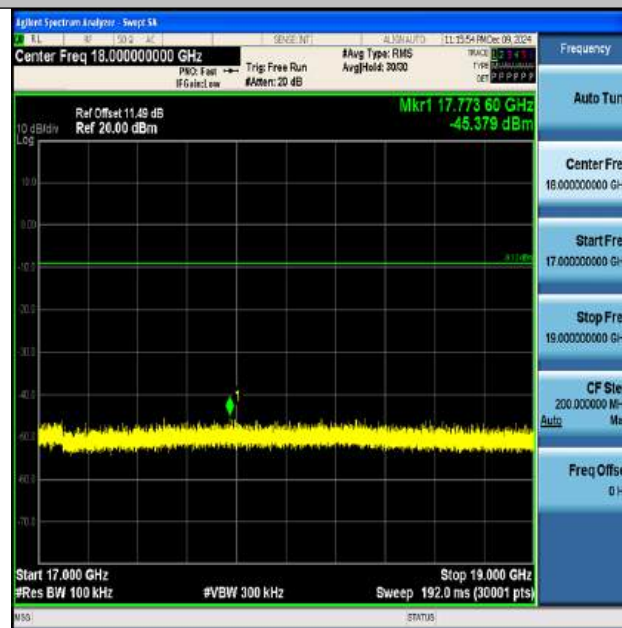
BLE_1M-Ant1-2480-11000~13000-PASS



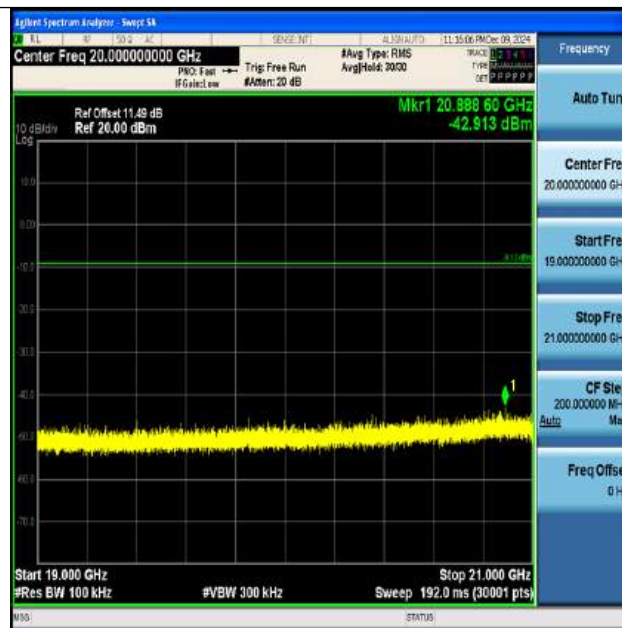
BLE_1M-Ant1-2480-13000~15000-PASS



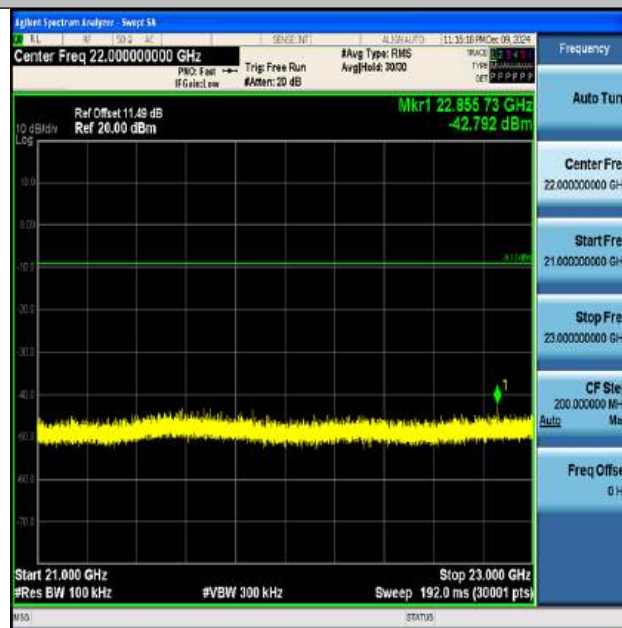
BLE_1M-Ant1-2480-15000~17000-PASS



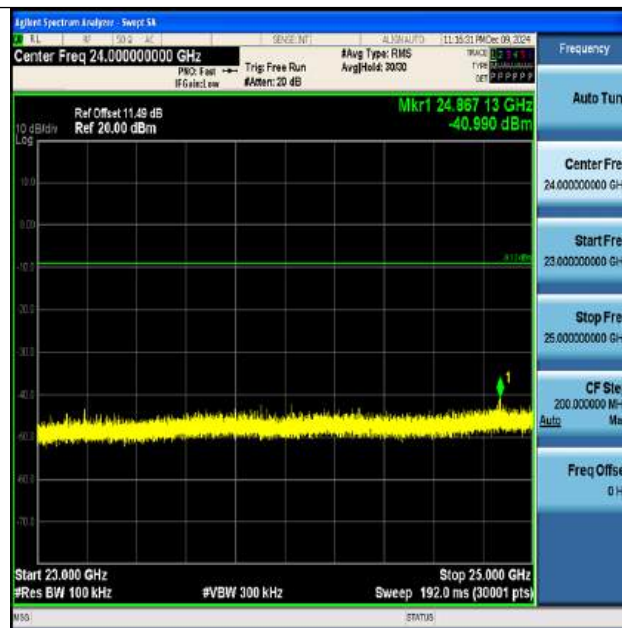
BLE_1M-Ant1-2480-17000~19000-PASS



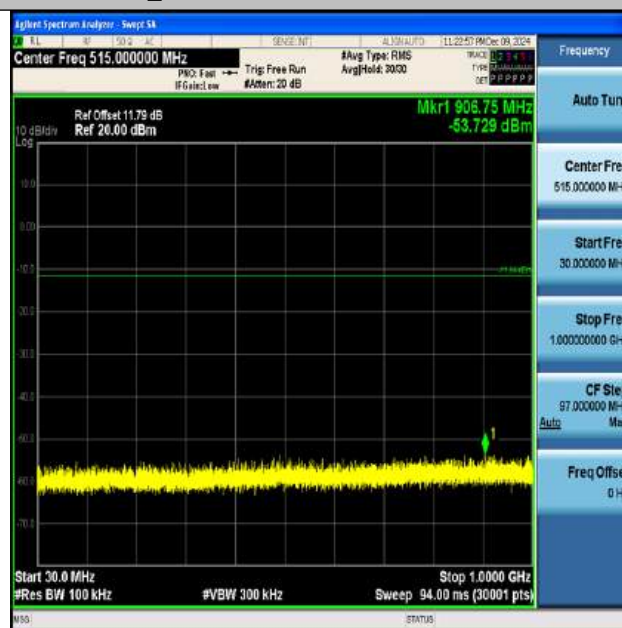
BLE_1M-Ant1-2480-19000~21000-PASS



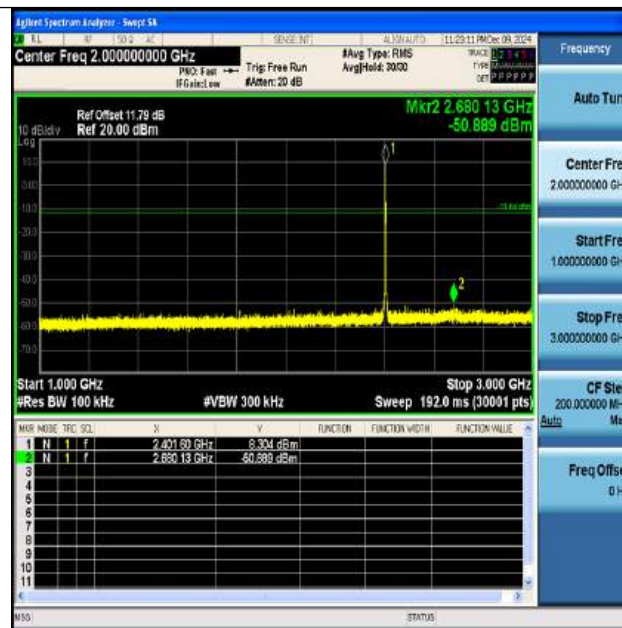
BLE_1M-Ant1-2480-21000~23000-PASS



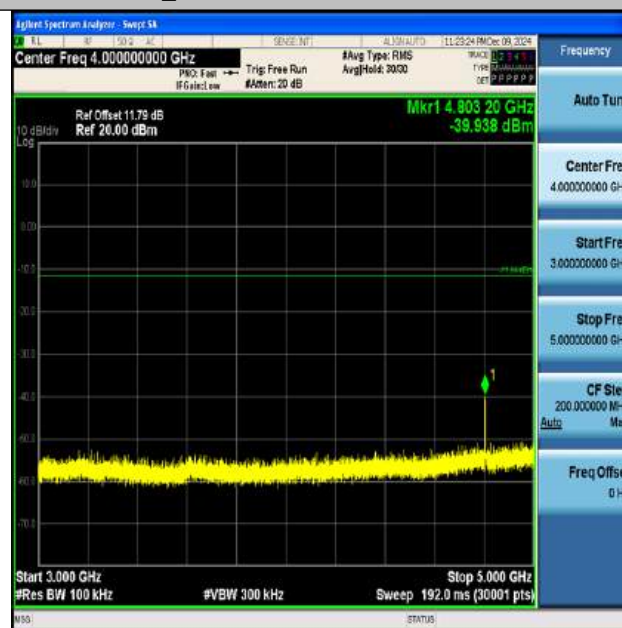
BLE_1M-Ant1-2480-23000~25000-PASS



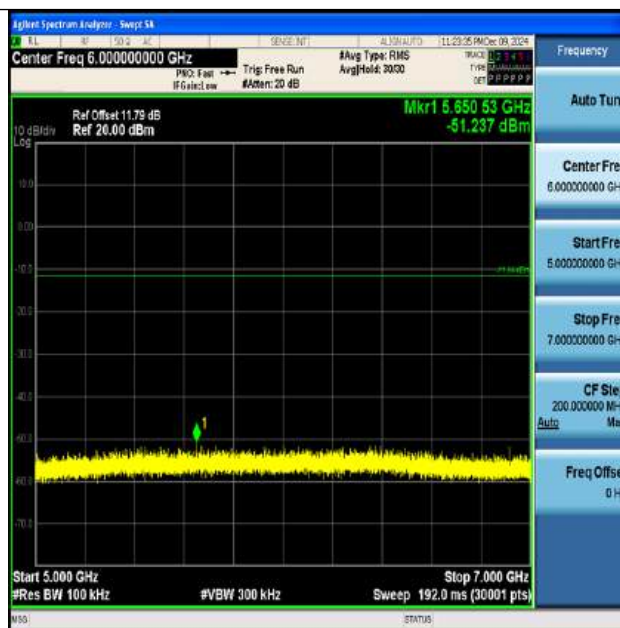
BLE_2M-Ant1-2402-30~1000-PASS



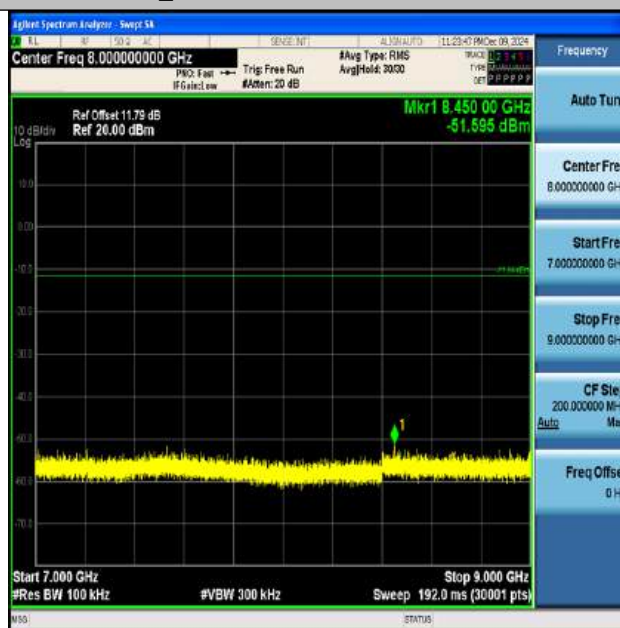
BLE_2M-Ant1-2402-1000~3000-PASS



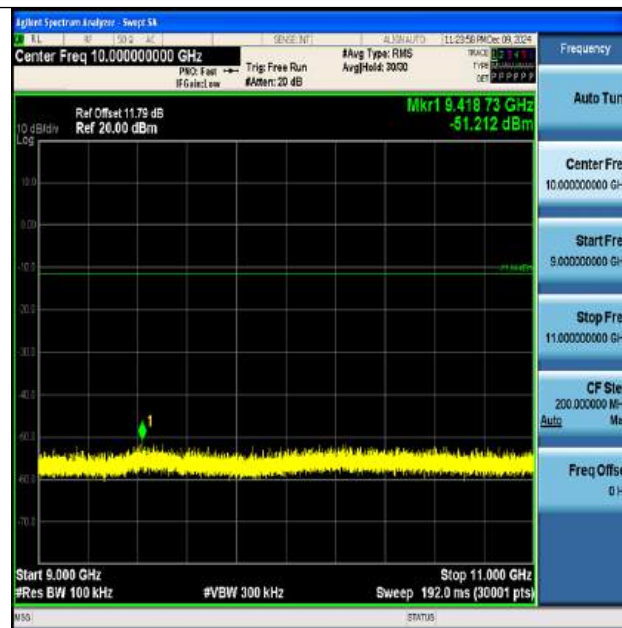
BLE_2M-Ant1-2402-3000~5000-PASS



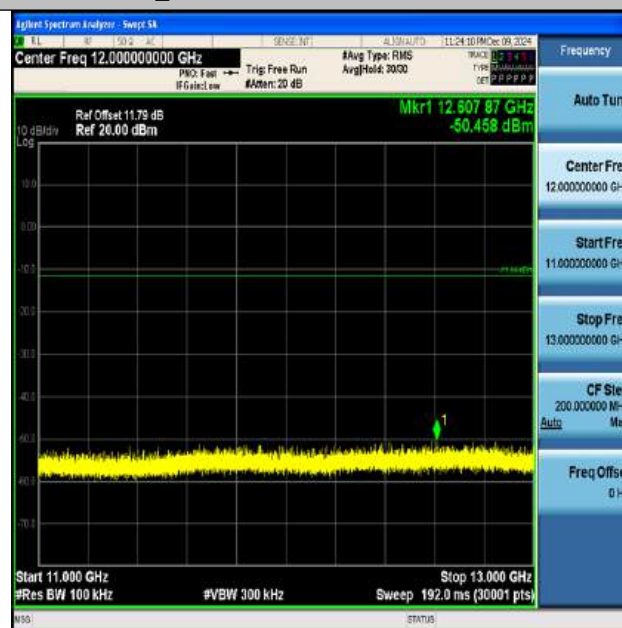
BLE_2M-Ant1-2402-5000~7000-PASS



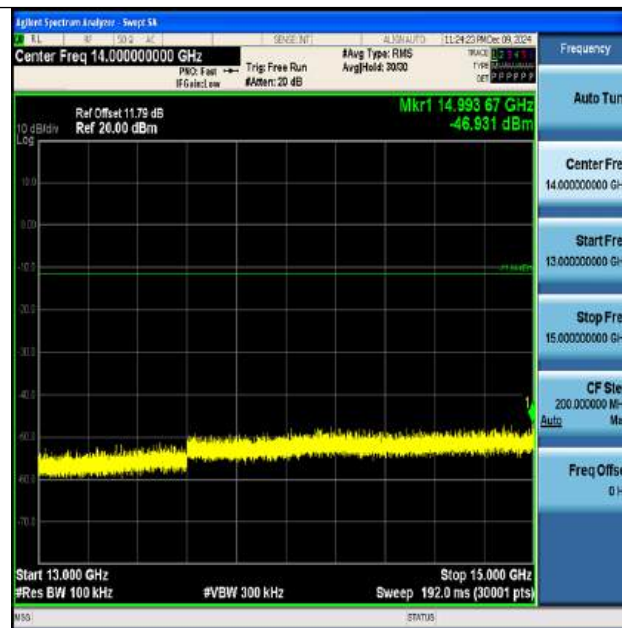
BLE_2M-Ant1-2402-7000~9000-PASS



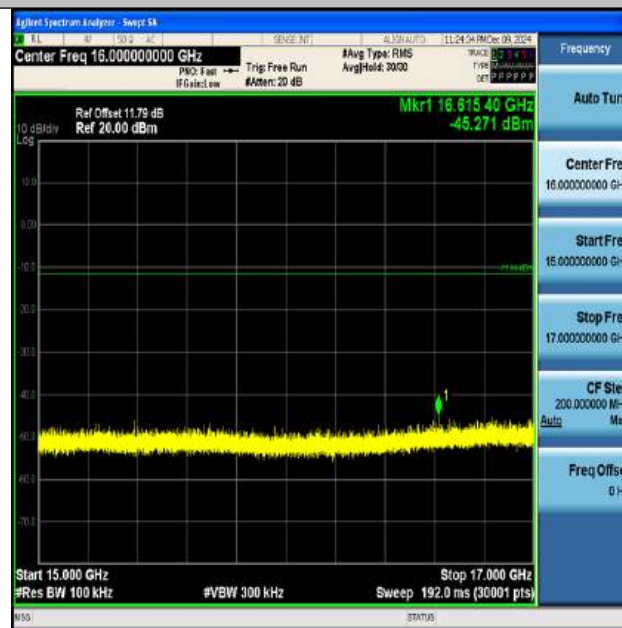
BLE_2M-Ant1-2402-9000~11000-PASS



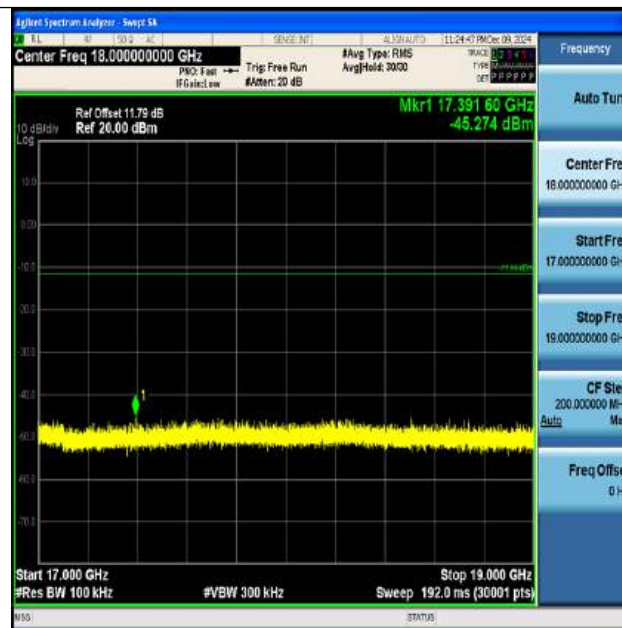
BLE_2M-Ant1-2402-11000~13000-PASS



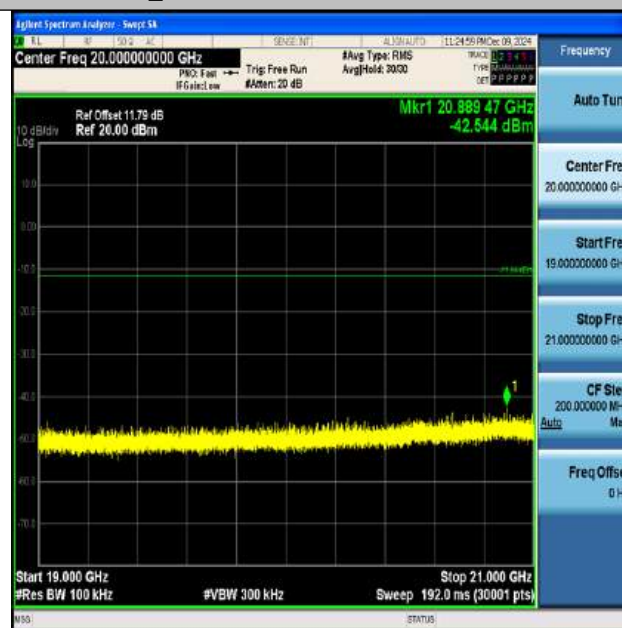
BLE_2M-Ant1-2402-13000~15000-PASS



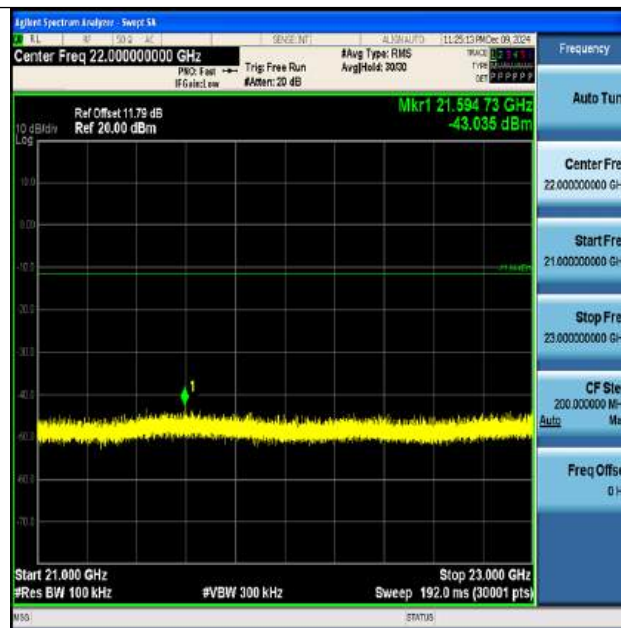
BLE_2M-Ant1-2402-15000~17000-PASS



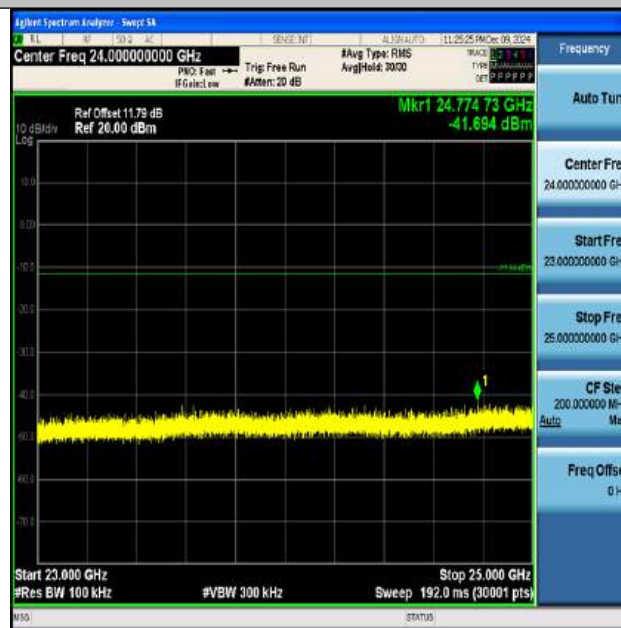
BLE_2M-Ant1-2402-17000~19000-PASS



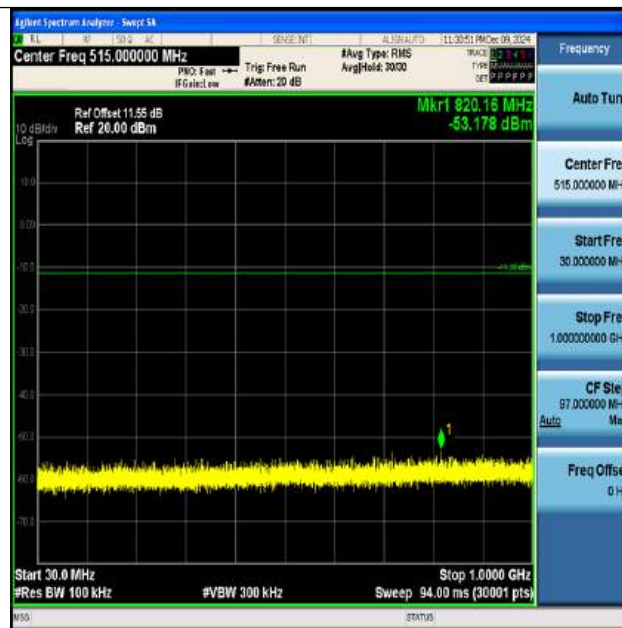
BLE_2M-Ant1-2402-19000~21000-PASS



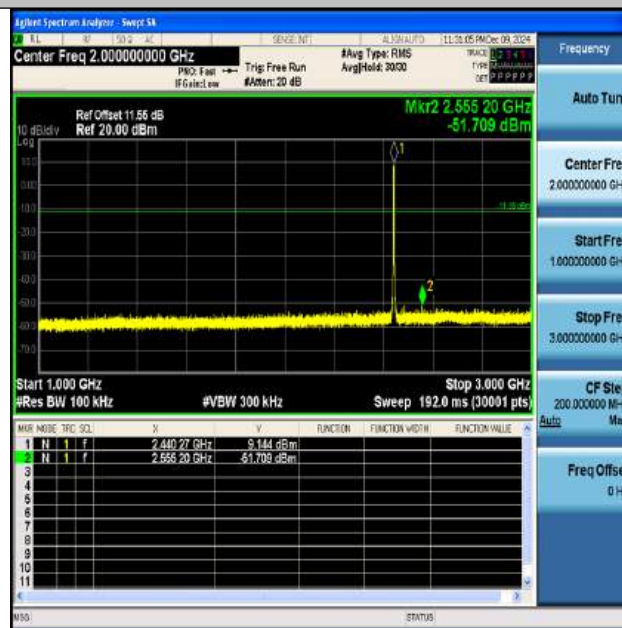
BLE_2M-Ant1-2402-21000~23000-PASS



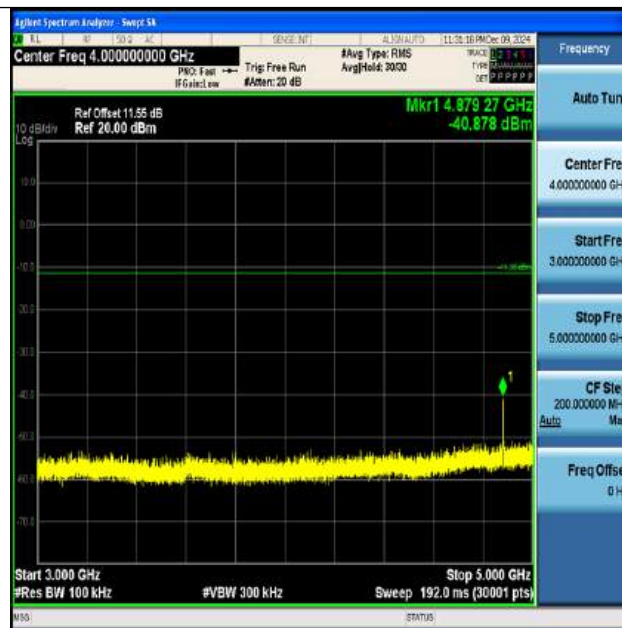
BLE_2M-Ant1-2402-23000~25000-PASS



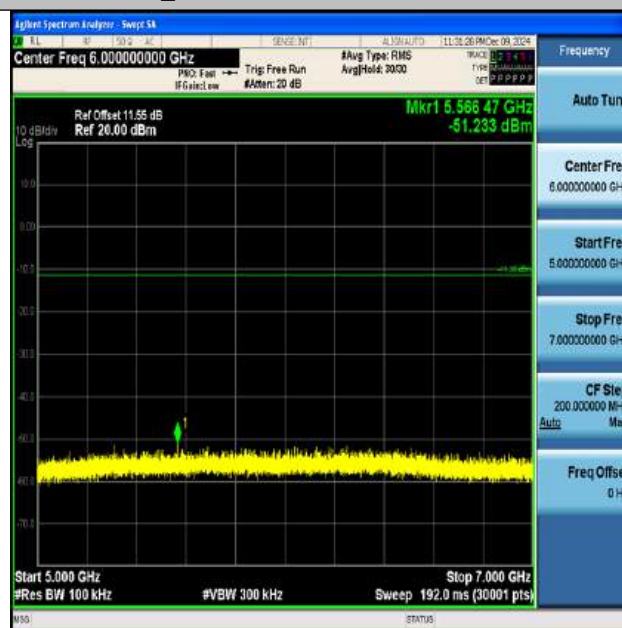
BLE_2M-Ant1-2440-30~1000-PASS



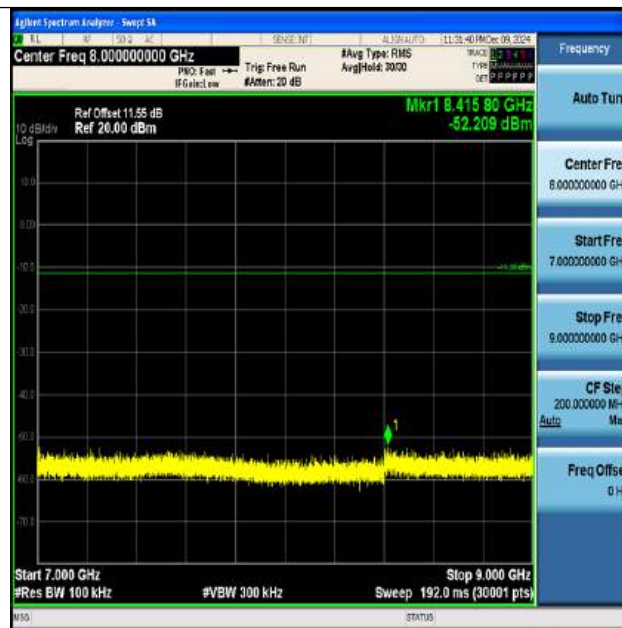
BLE_2M-Ant1-2440-1000~3000-PASS



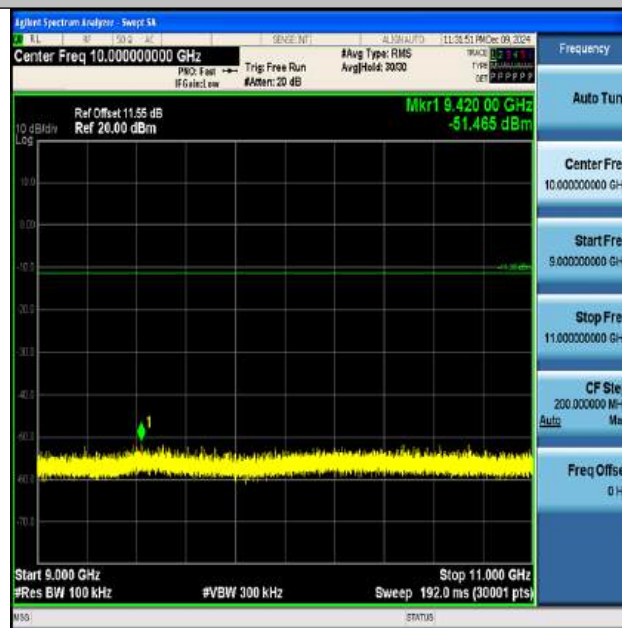
BLE_2M-Ant1-2440-3000~5000-PASS



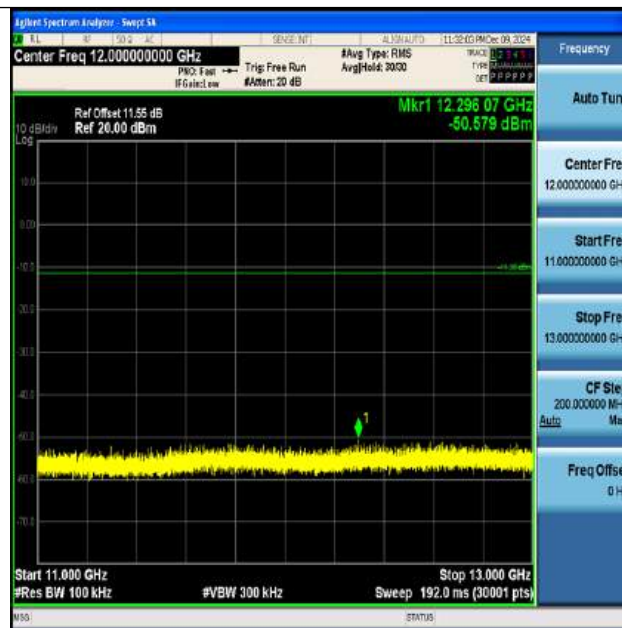
BLE_2M-Ant1-2440-5000~7000-PASS



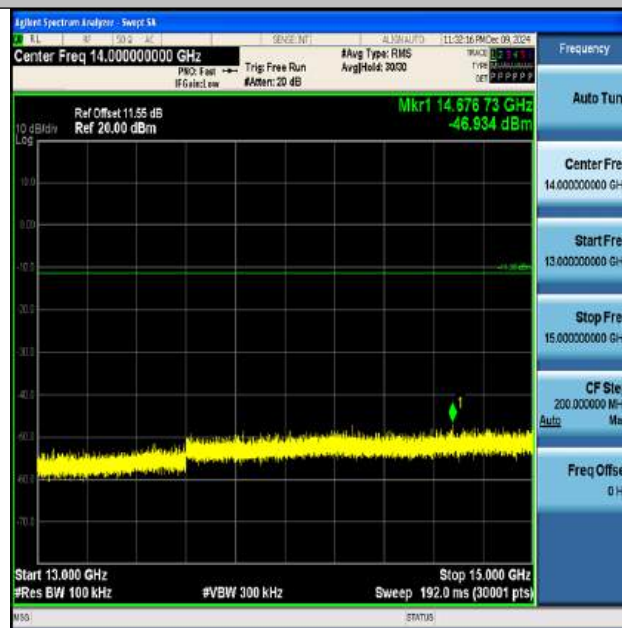
BLE_2M-Ant1-2440-7000~9000-PASS



BLE_2M-Ant1-2440-9000~11000-PASS



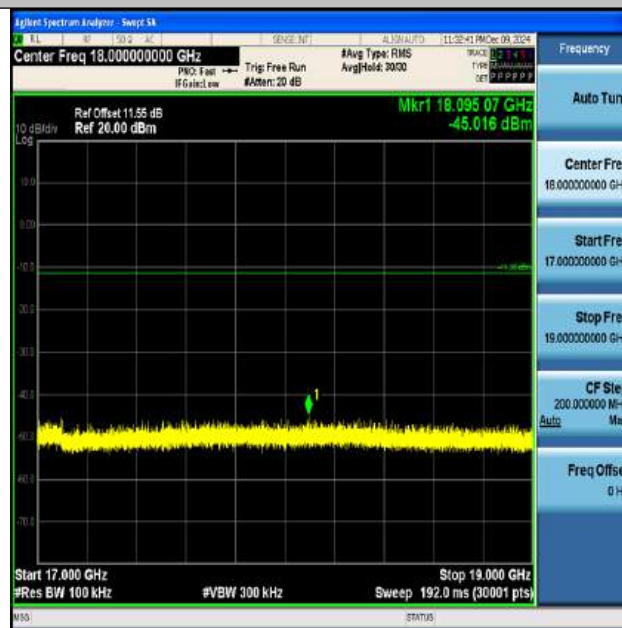
BLE_2M-Ant1-2440-11000~13000-PASS



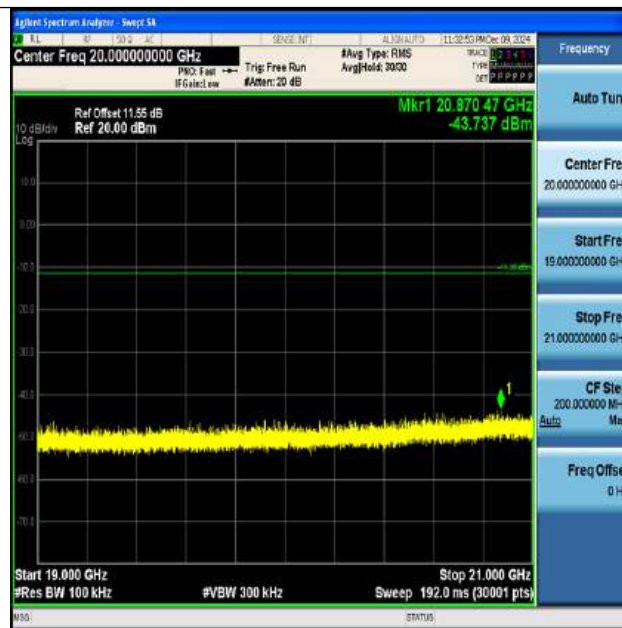
BLE_2M-Ant1-2440-13000~15000-PASS



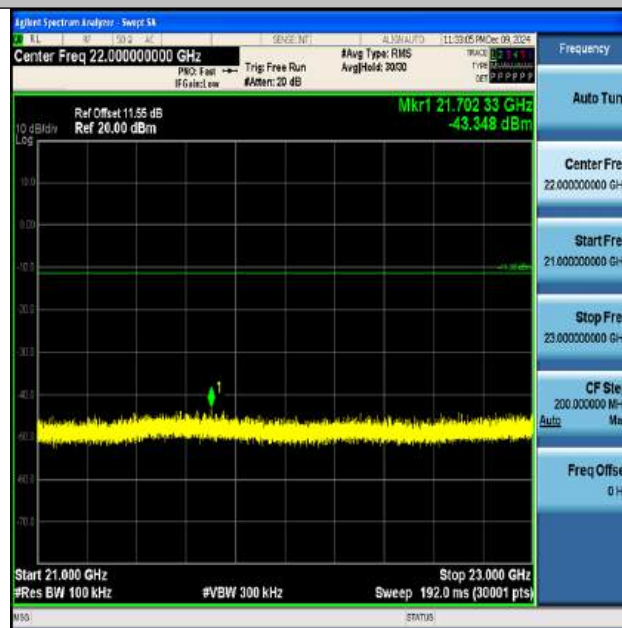
BLE_2M-Ant1-2440-15000~17000-PASS



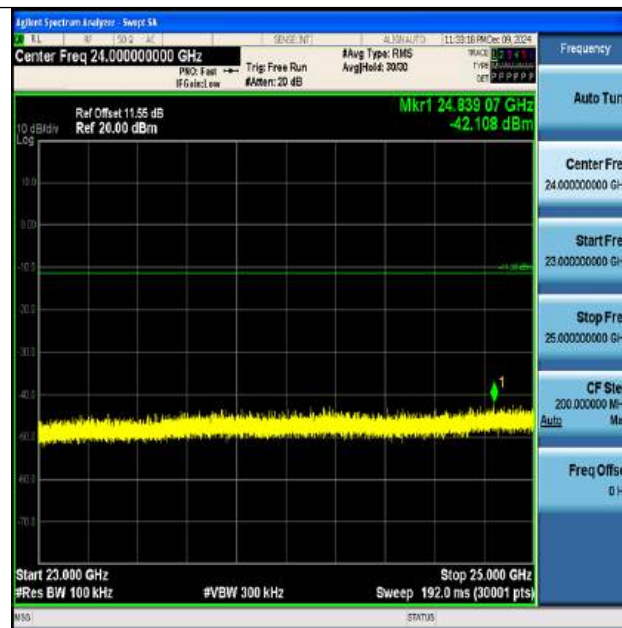
BLE_2M-Ant1-2440-17000~19000-PASS



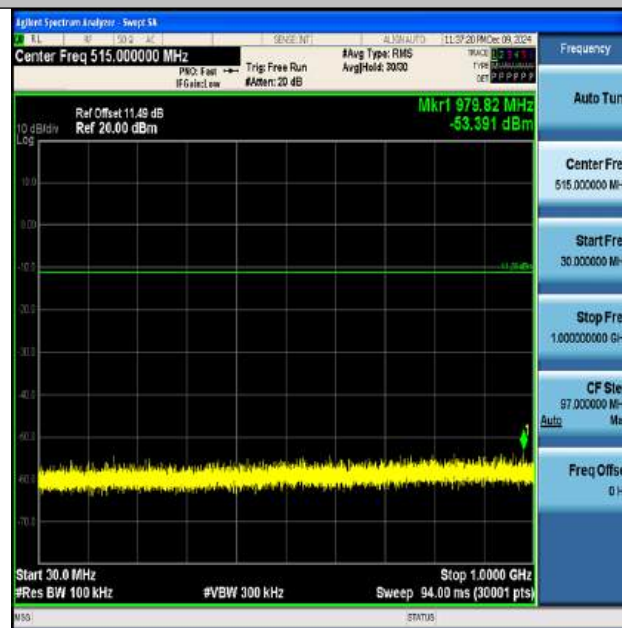
BLE_2M-Ant1-2440-19000~21000-PASS



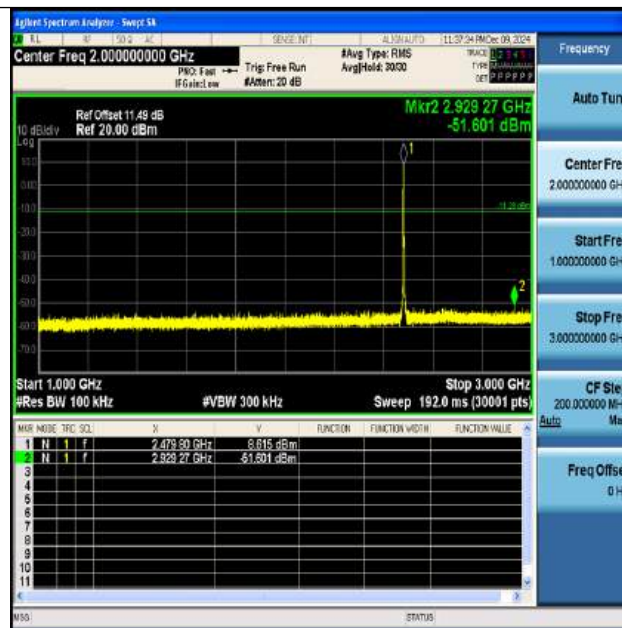
BLE_2M-Ant1-2440-21000~23000-PASS



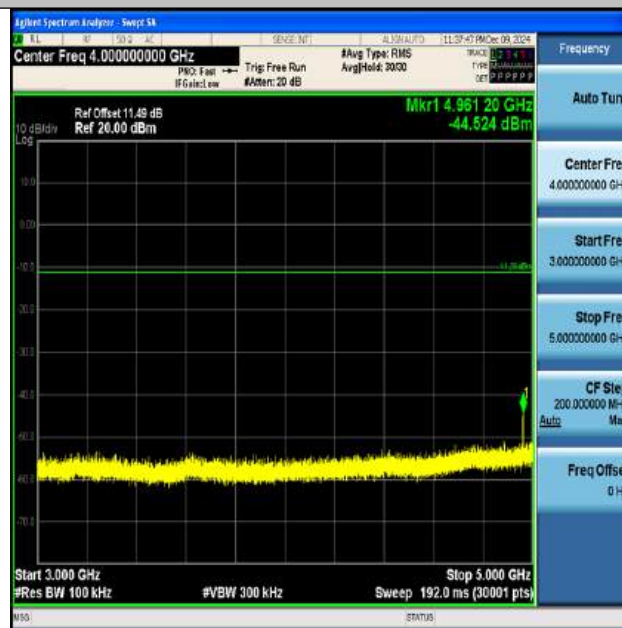
BLE_2M-Ant1-2440-23000~25000-PASS



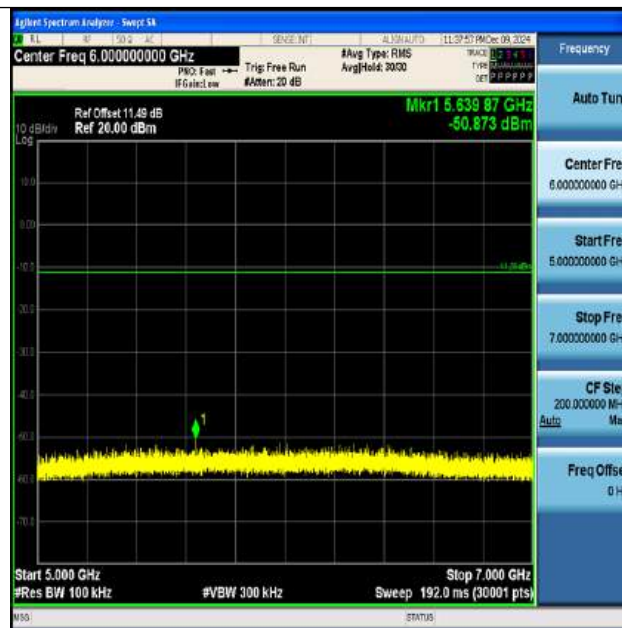
BLE_2M-Ant1-2480-30~1000-PASS



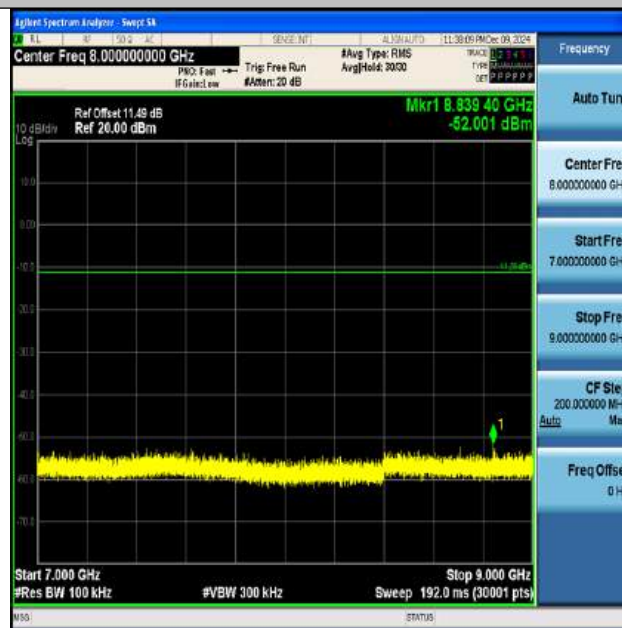
BLE_2M-Ant1-2480-1000~3000-PASS



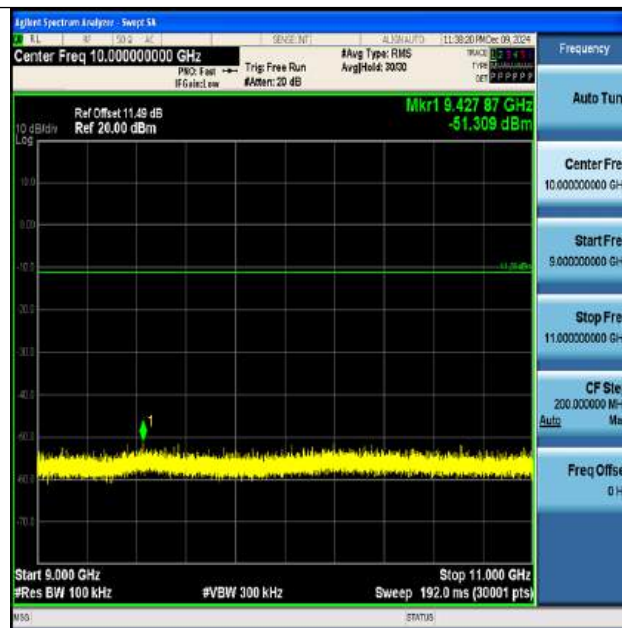
BLE_2M-Ant1-2480-3000~5000-PASS



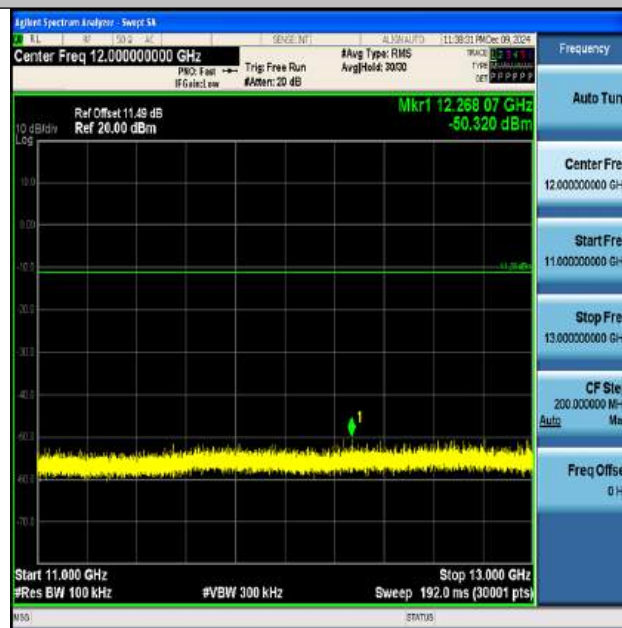
BLE_2M-Ant1-2480-5000~7000-PASS



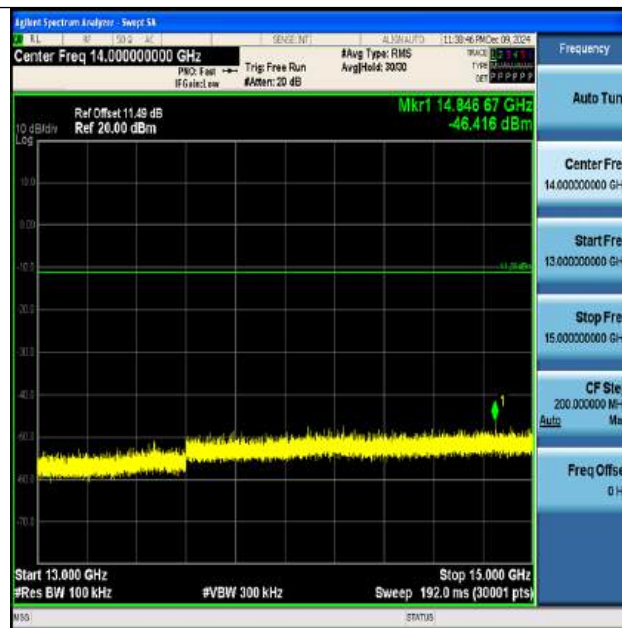
BLE_2M-Ant1-2480-7000~9000-PASS



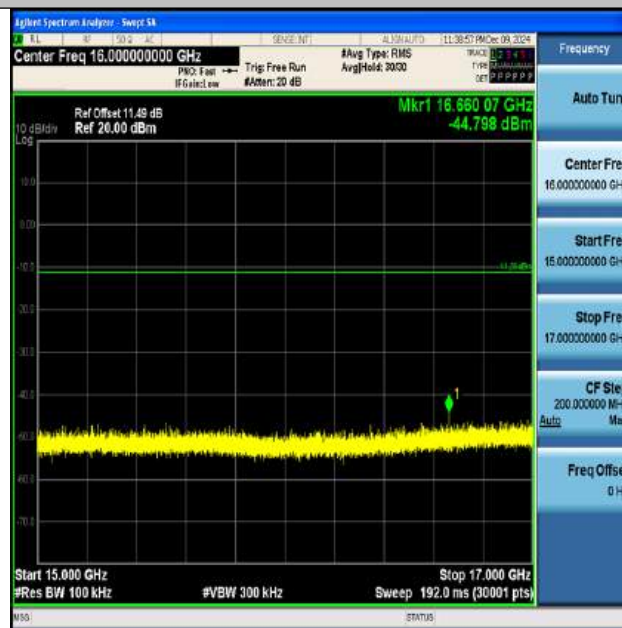
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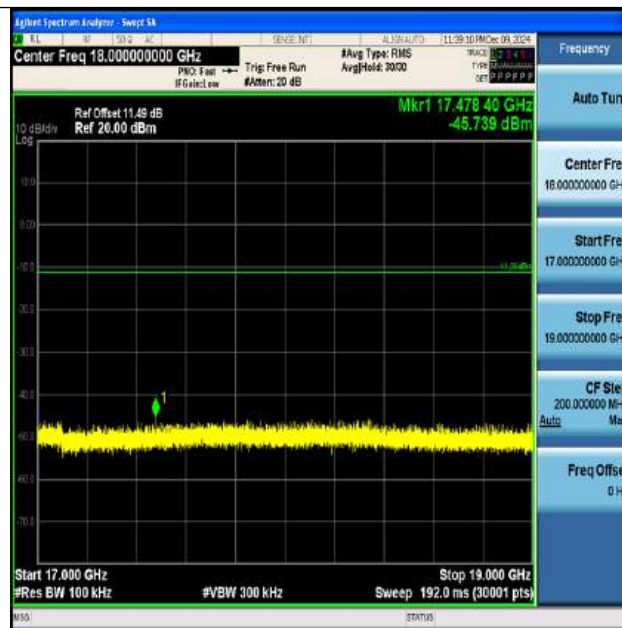
BLE_2M-Ant1-2480-11000~13000-PASS



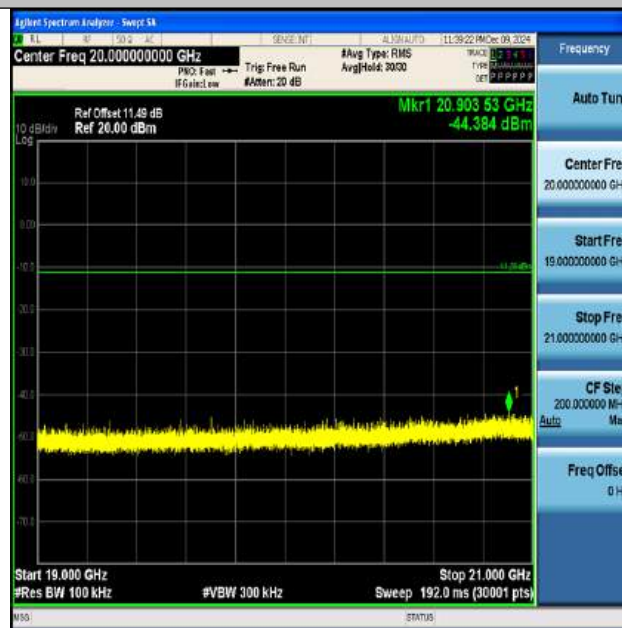
BLE_2M-Ant1-2480-13000~15000-PASS



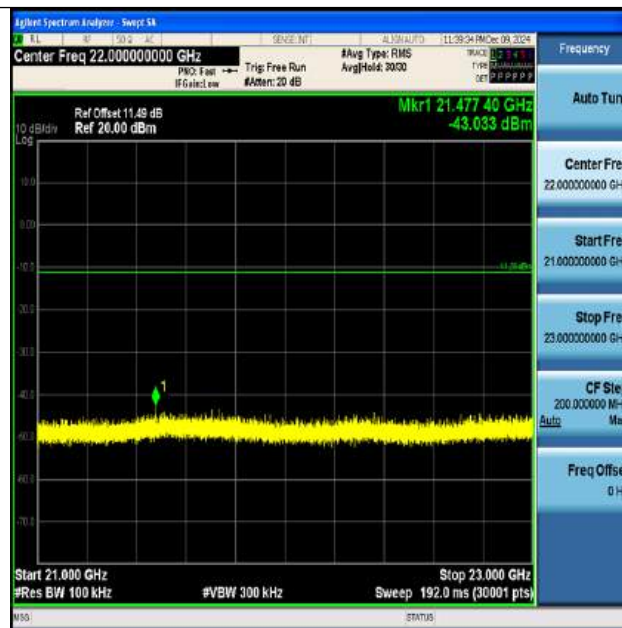
BLE_2M-Ant1-2480-15000~17000-PASS



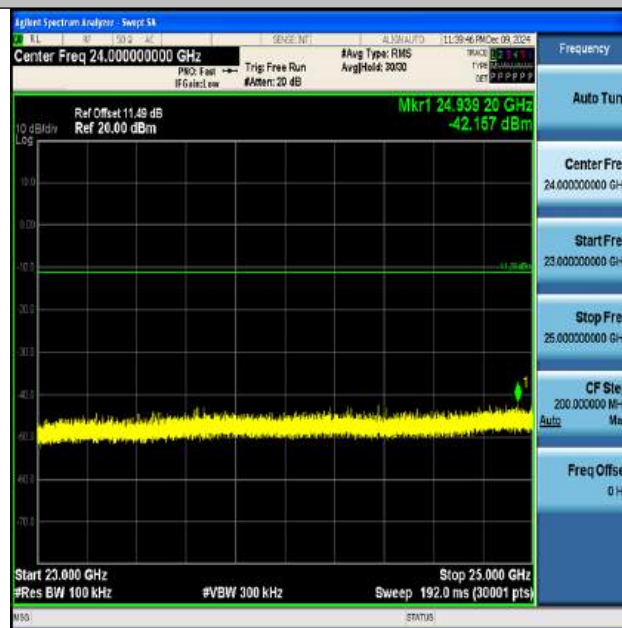
BLE_2M-Ant1-2480-17000~19000-PASS



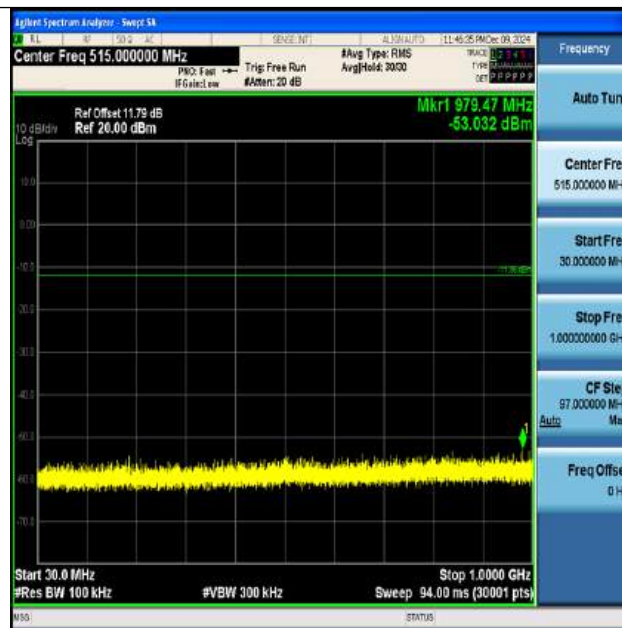
BLE_2M-Ant1-2480-19000~21000-PASS



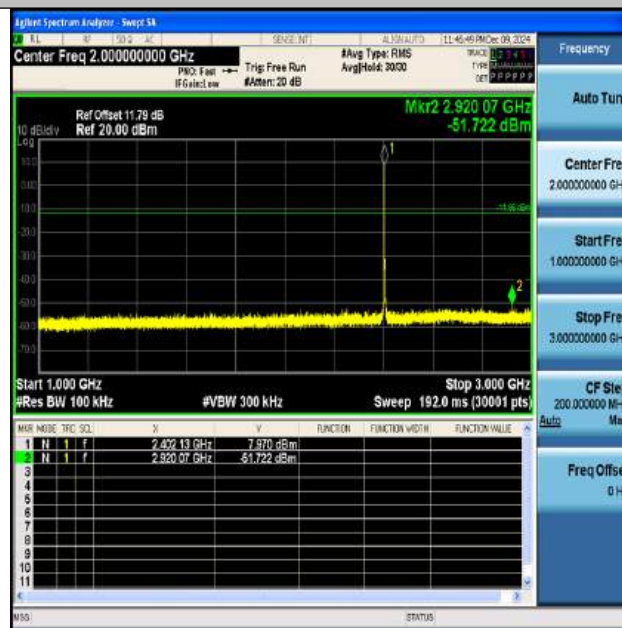
BLE_2M-Ant1-2480-21000~23000-PASS



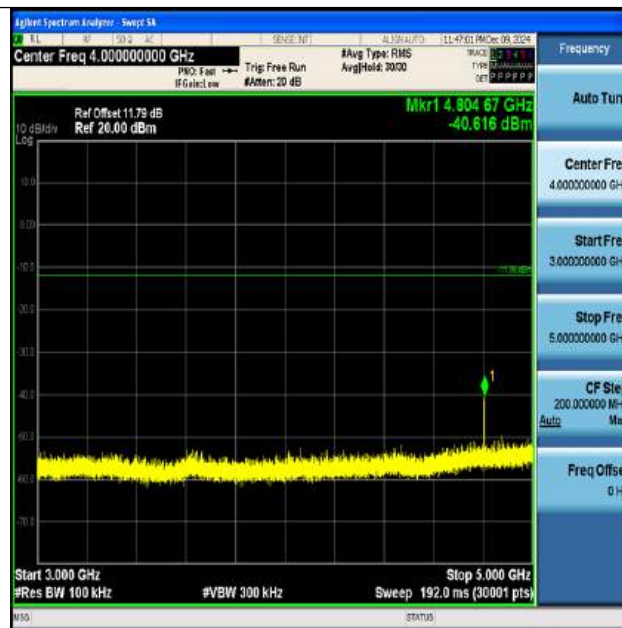
BLE_2M-Ant1-2480-23000~25000-PASS



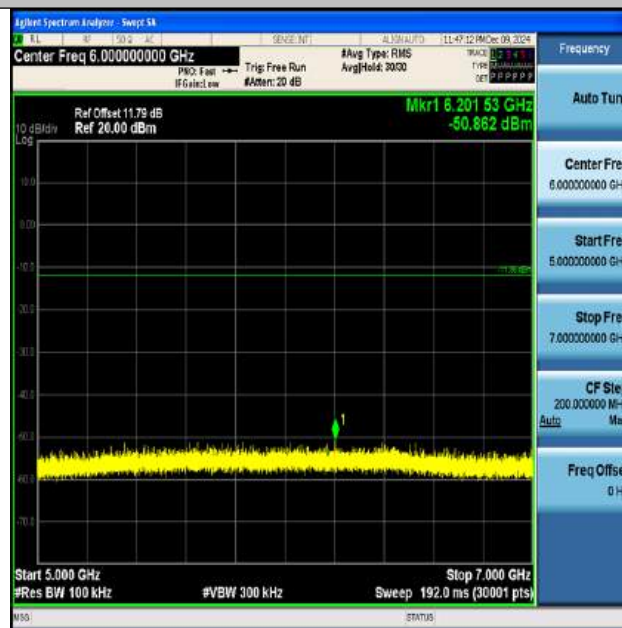
BLE_125K-Ant1-2402-30~1000-PASS



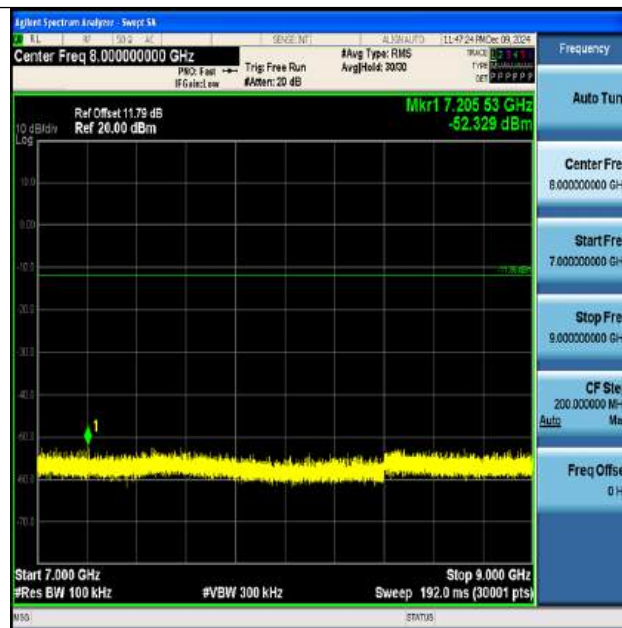
BLE_125K-Ant1-2402-1000~3000-PASS



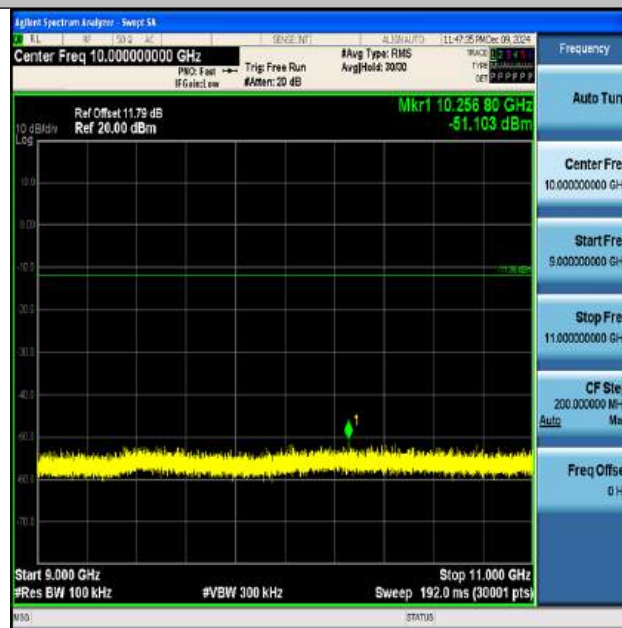
BLE_125K-Ant1-2402-3000~5000-PASS



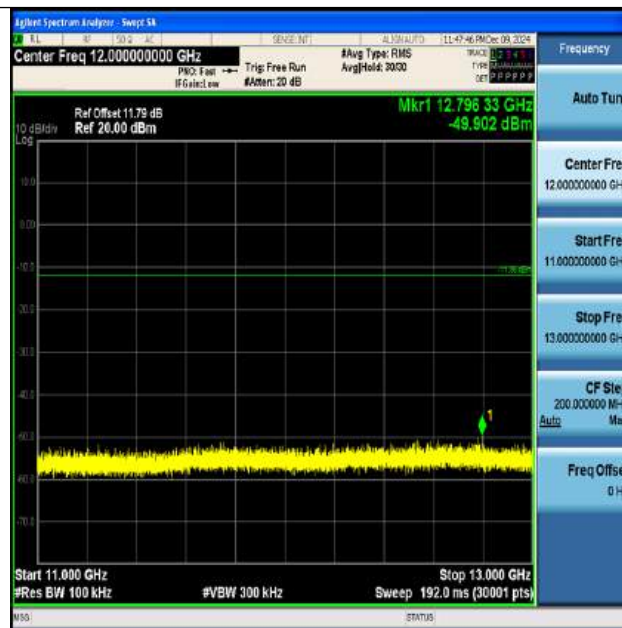
BLE_125K-Ant1-2402-5000~7000-PASS



BLE_125K-Ant1-2402-7000~9000-PASS



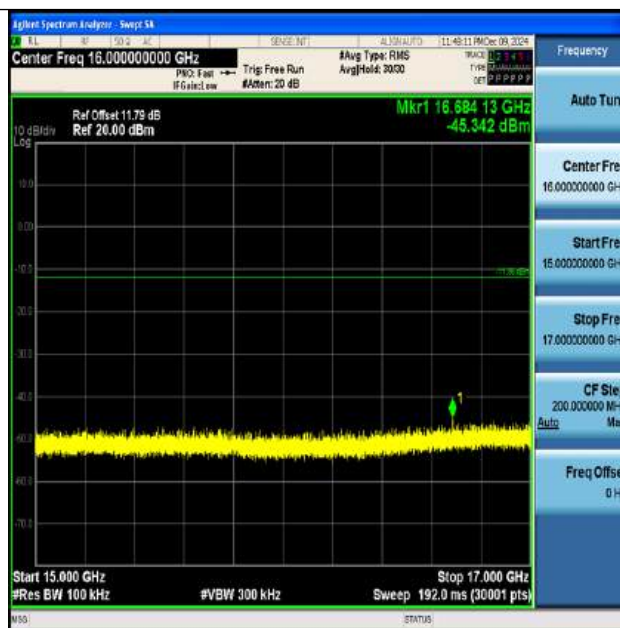
BLE_125K-Ant1-2402-9000~11000-PASS



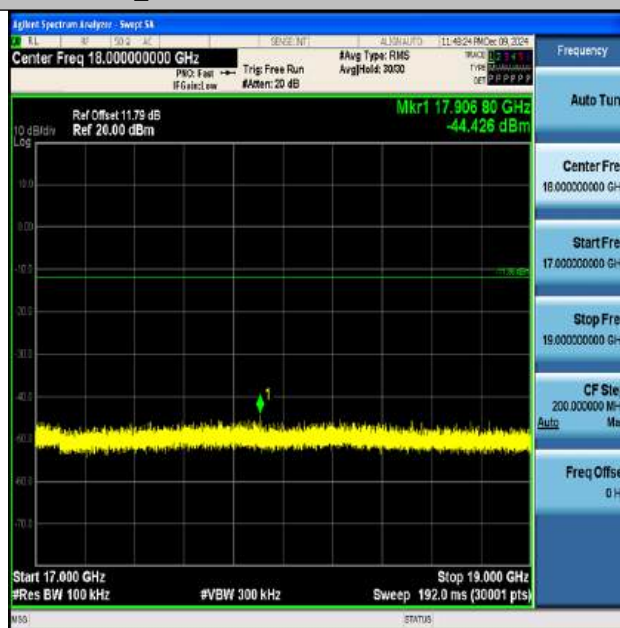
BLE_125K-Ant1-2402-11000~13000-PASS



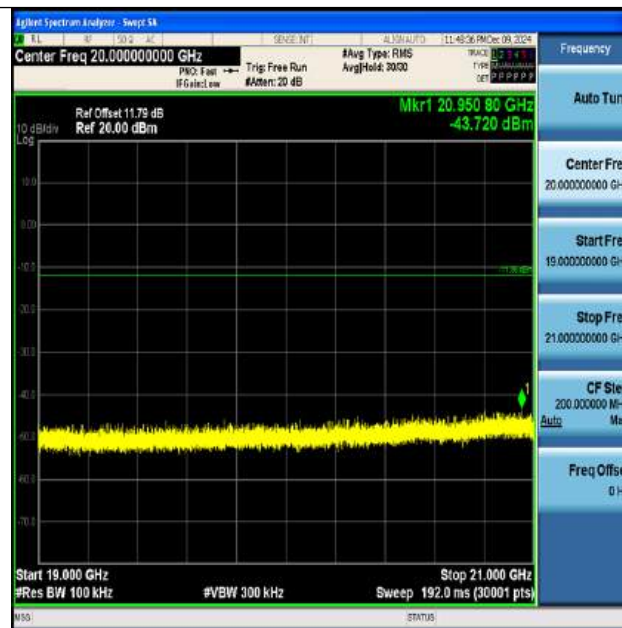
BLE_125K-Ant1-2402-13000~15000-PASS



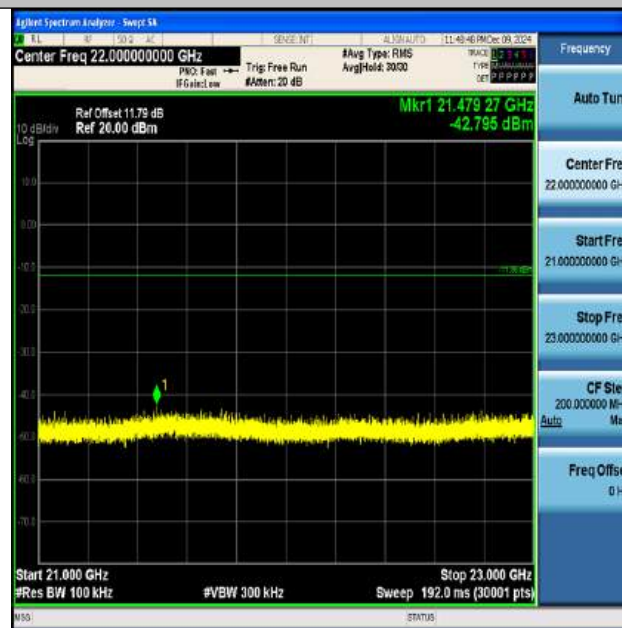
BLE_125K-Ant1-2402-15000~17000-PASS



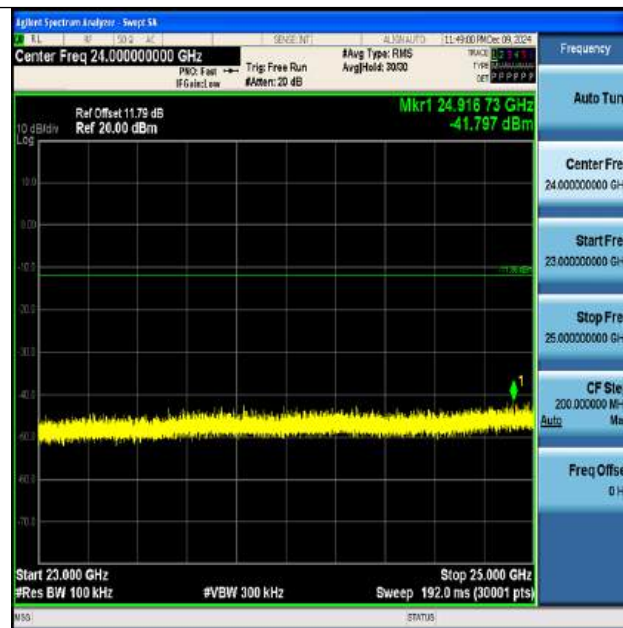
BLE_125K-Ant1-2402-17000~19000-PASS



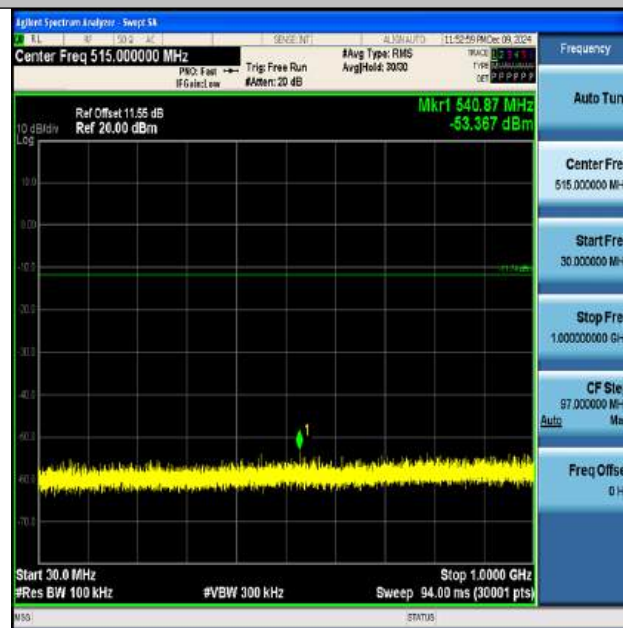
BLE_125K-Ant1-2402-19000~21000-PASS



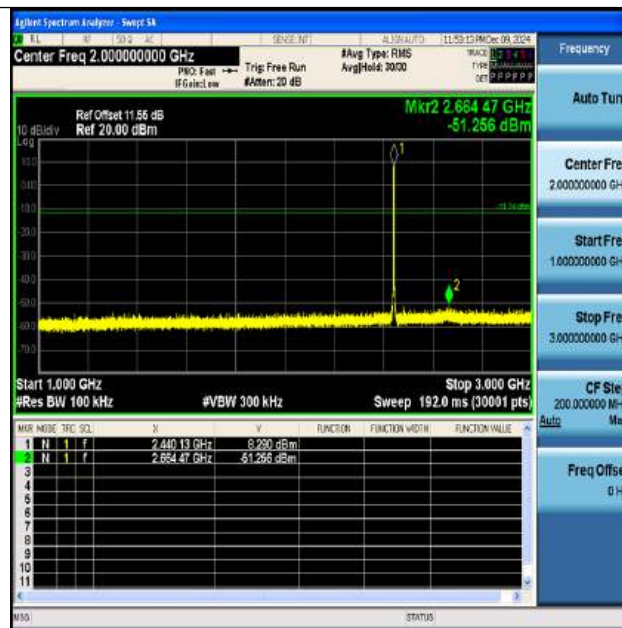
BLE_125K-Ant1-2402-21000~23000-PASS



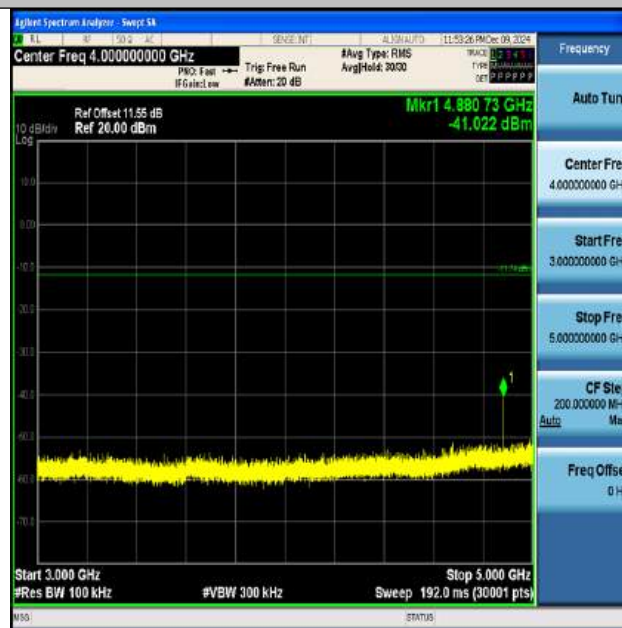
BLE_125K-Ant1-2402-23000~25000-PASS



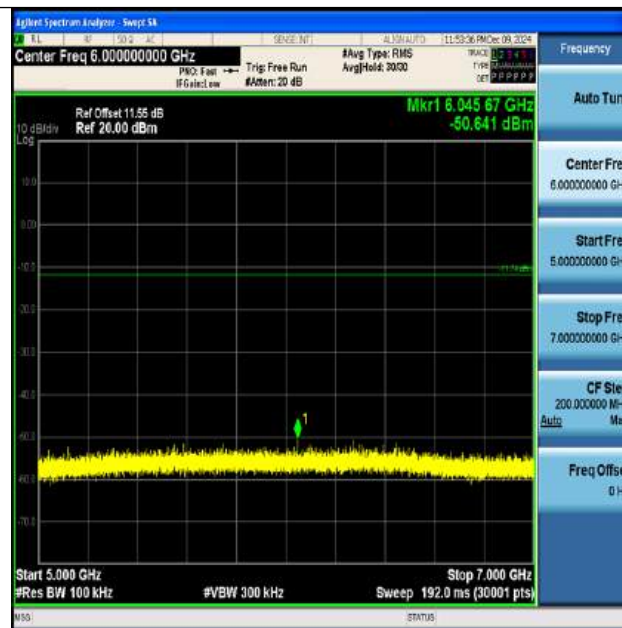
BLE_125K-Ant1-2440-30~1000-PASS



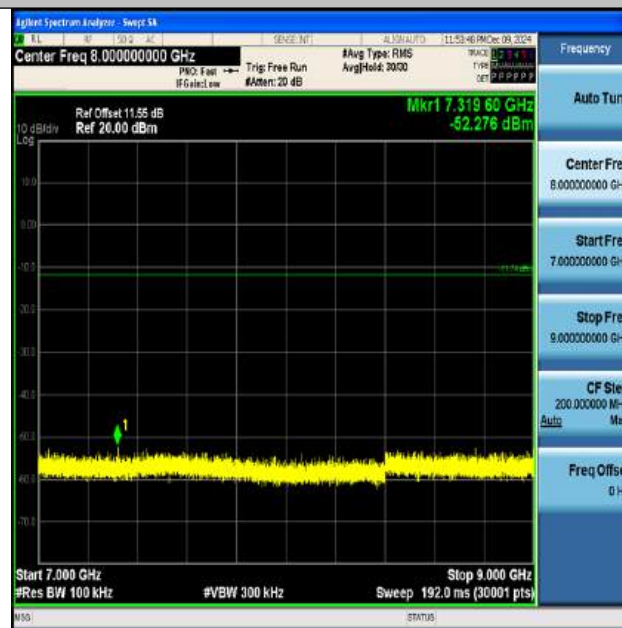
BLE_125K-Ant1-2440-1000~3000-PASS



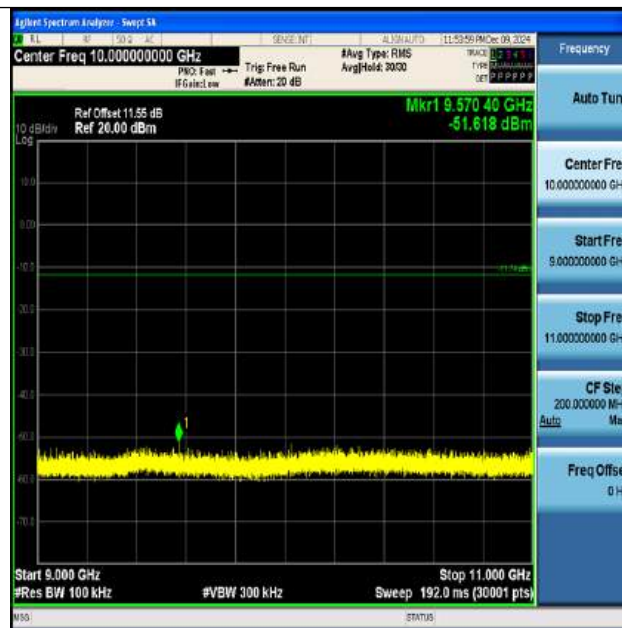
BLE_125K-Ant1-2440-3000~5000-PASS



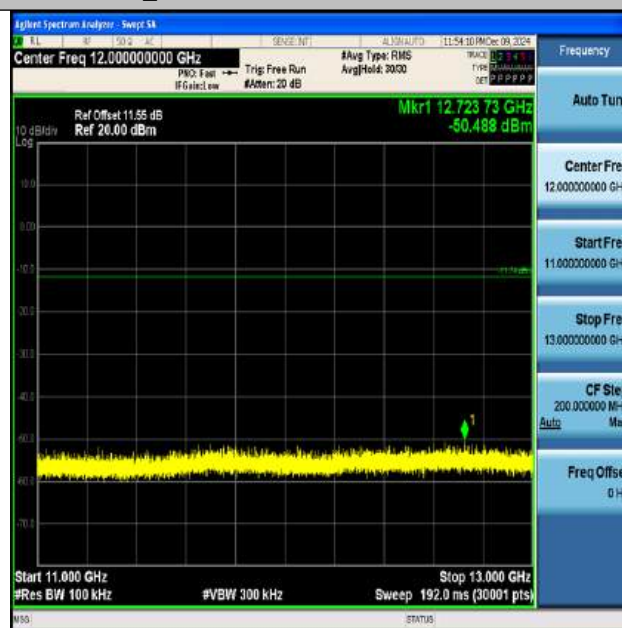
BLE_125K-Ant1-2440-5000~7000-PASS



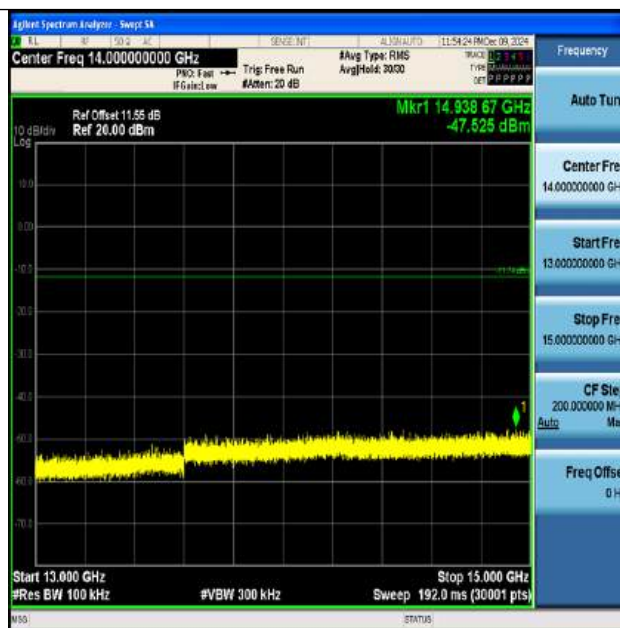
BLE_125K-Ant1-2440-7000~9000-PASS



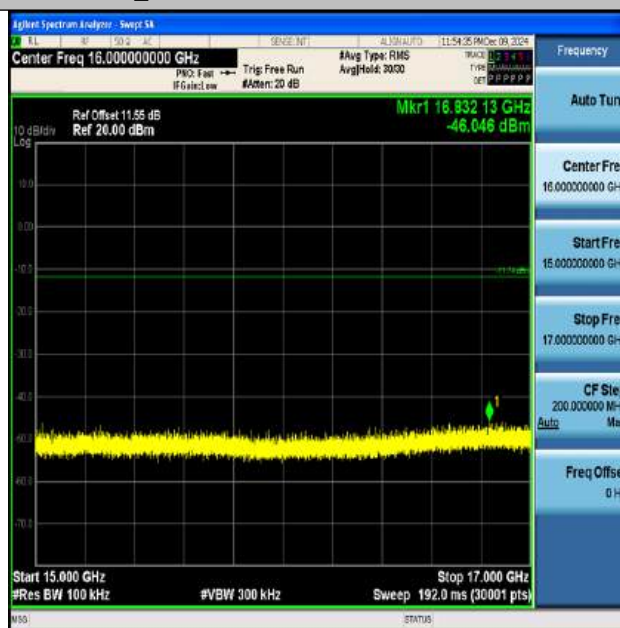
BLE_125K-Ant1-2440-9000~11000-PASS



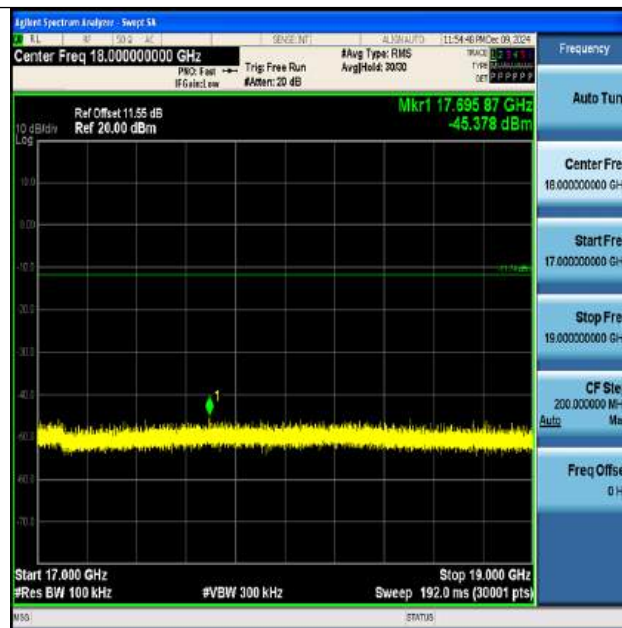
BLE_125K-Ant1-2440-11000~13000-PASS



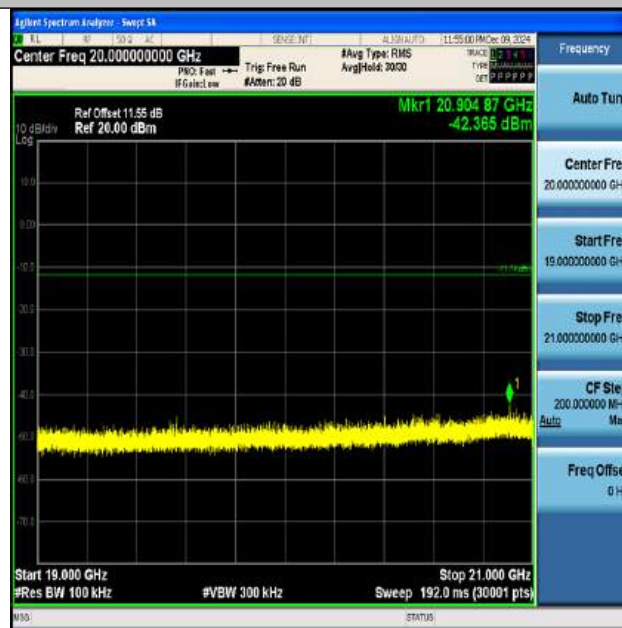
BLE_125K-Ant1-2440-13000~15000-PASS



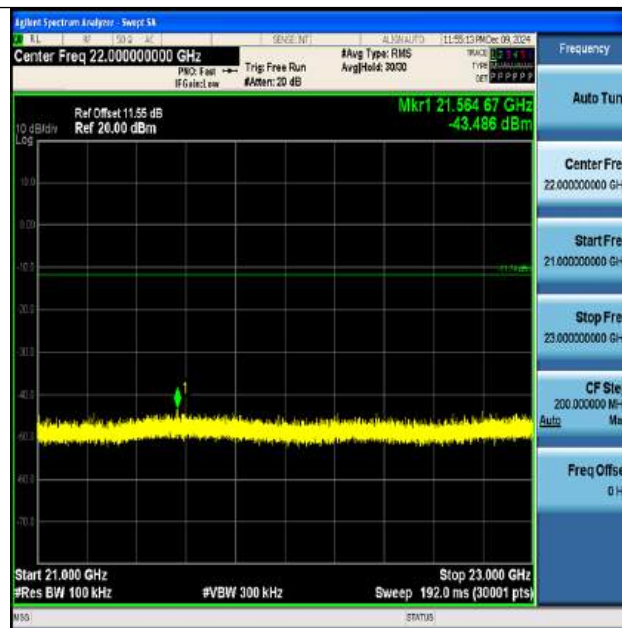
BLE_125K-Ant1-2440-15000~17000-PASS



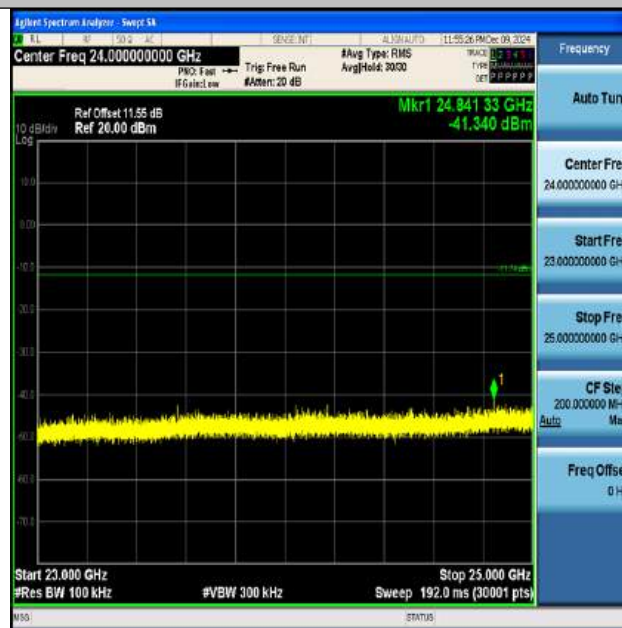
BLE_125K-Ant1-2440-17000~19000-PASS



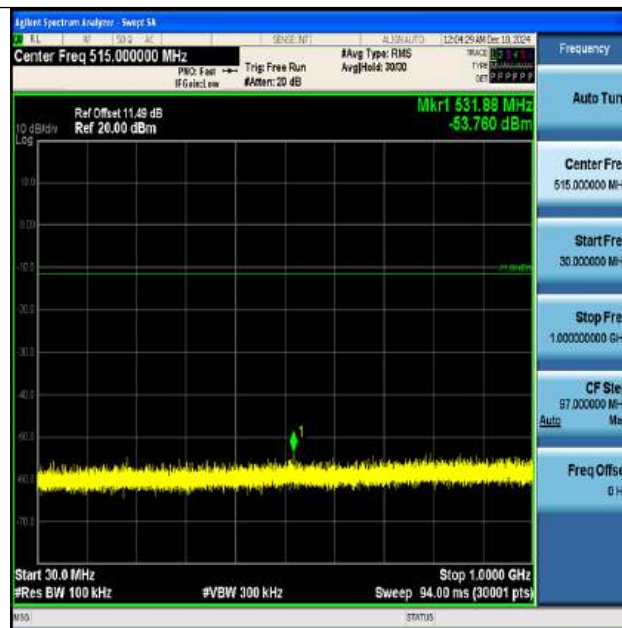
BLE_125K-Ant1-2440-19000~21000-PASS



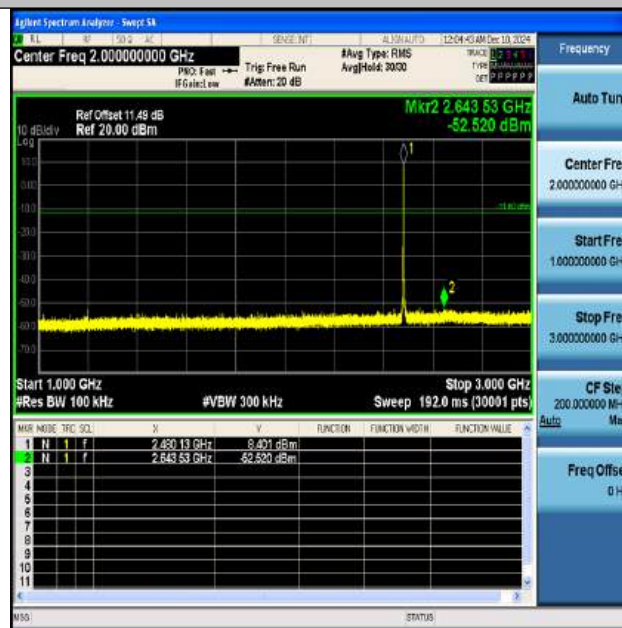
BLE_125K-Ant1-2440-21000~23000-PASS



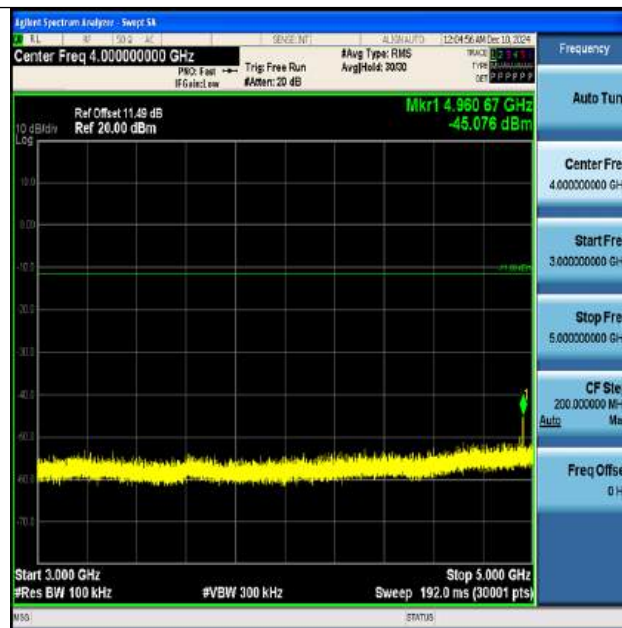
BLE_125K-Ant1-2440-23000~25000-PASS



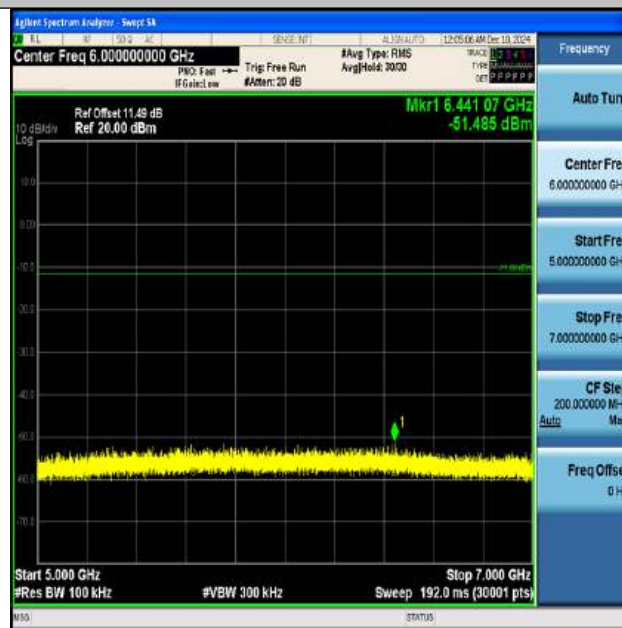
BLE_125K-Ant1-2480-30~1000-PASS



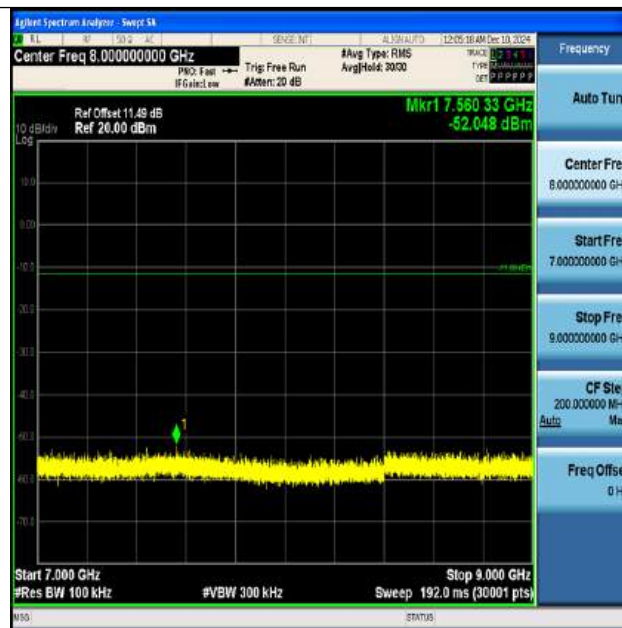
BLE_125K-Ant1-2480-1000~3000-PASS



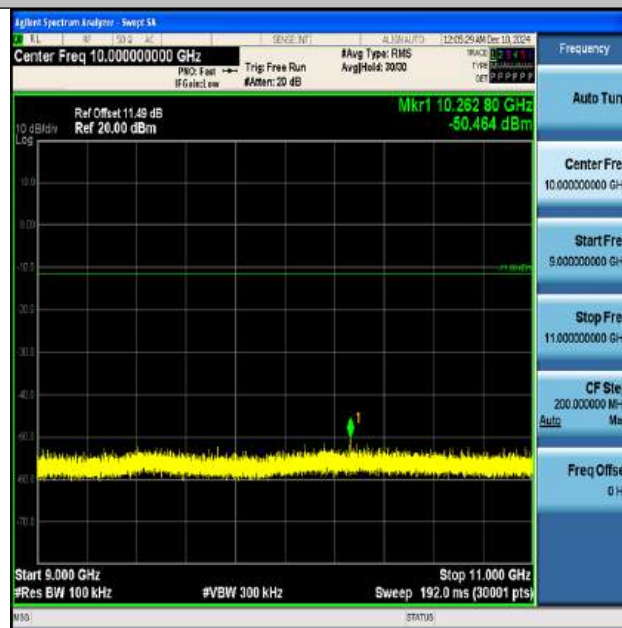
BLE_125K-Ant1-2480-3000~5000-PASS



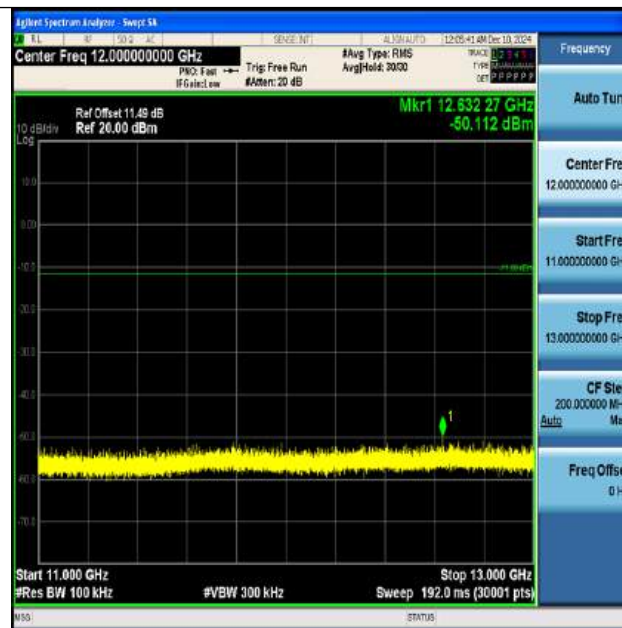
BLE_125K-Ant1-2480-5000~7000-PASS



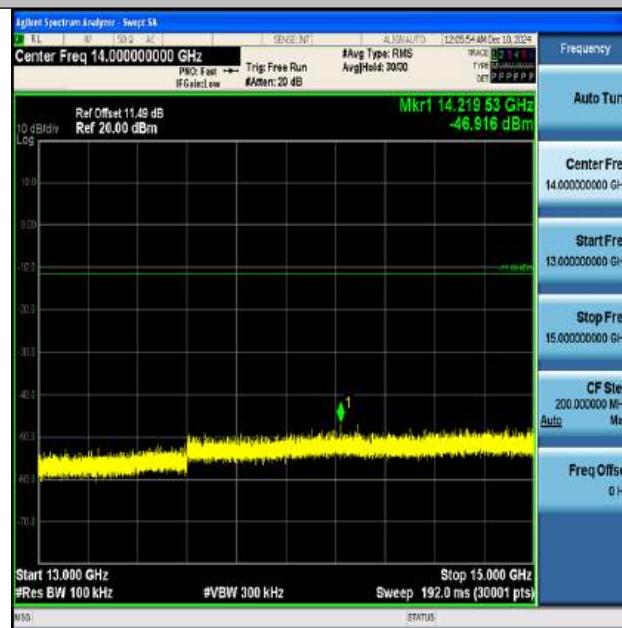
BLE_125K-Ant1-2480-7000~9000-PASS



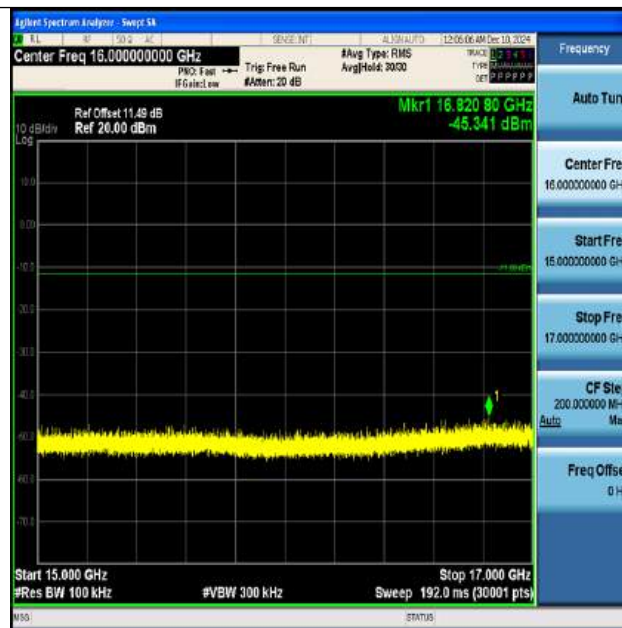
BLE_125K-Ant1-2480-9000~11000-PASS



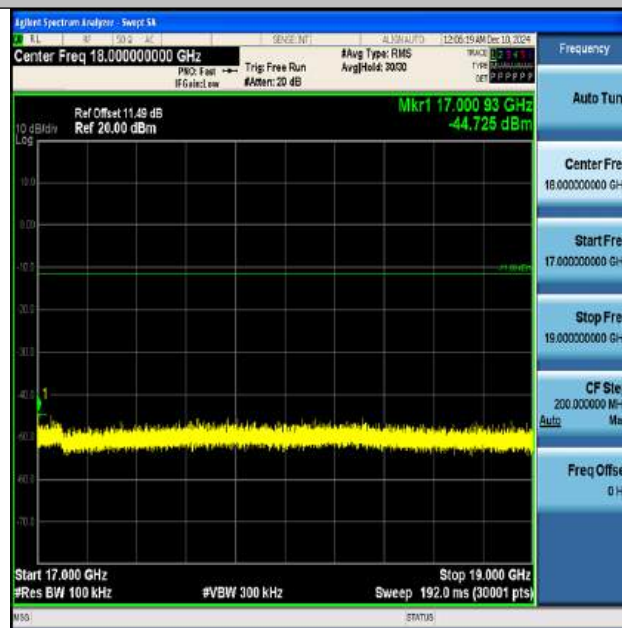
BLE_125K-Ant1-2480-11000~13000-PASS



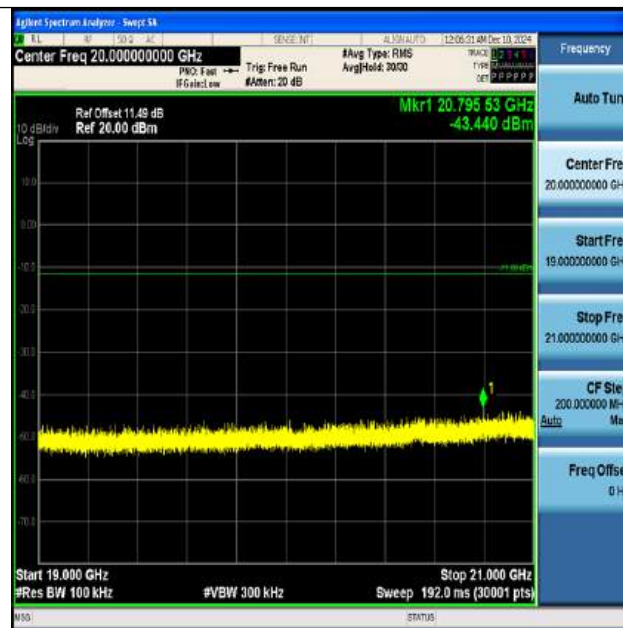
BLE_125K-Ant1-2480-13000~15000-PASS



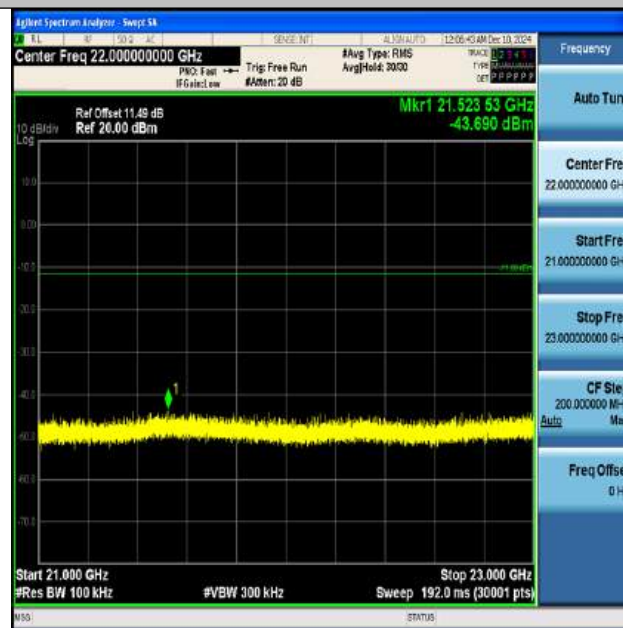
BLE_125K-Ant1-2480-15000~17000-PASS



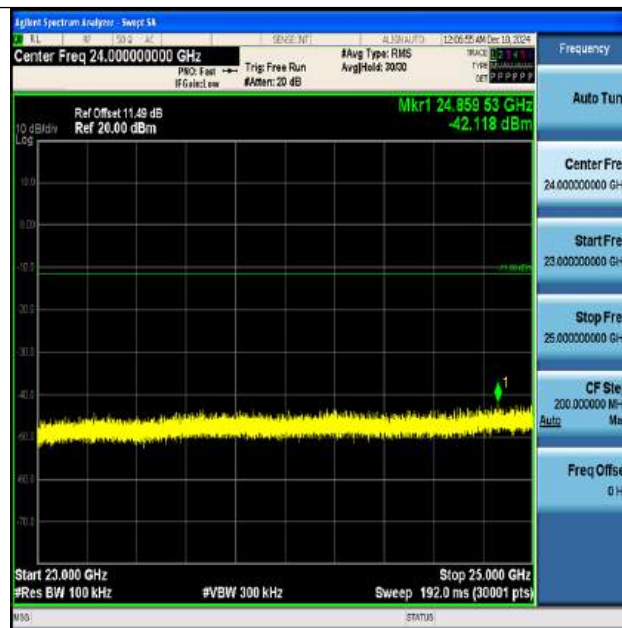
BLE_125K-Ant1-2480-17000~19000-PASS



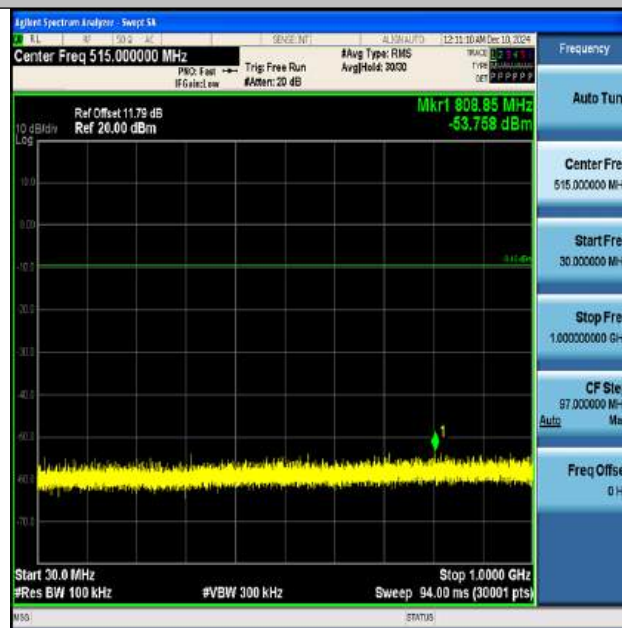
BLE_125K-Ant1-2480-19000~21000-PASS



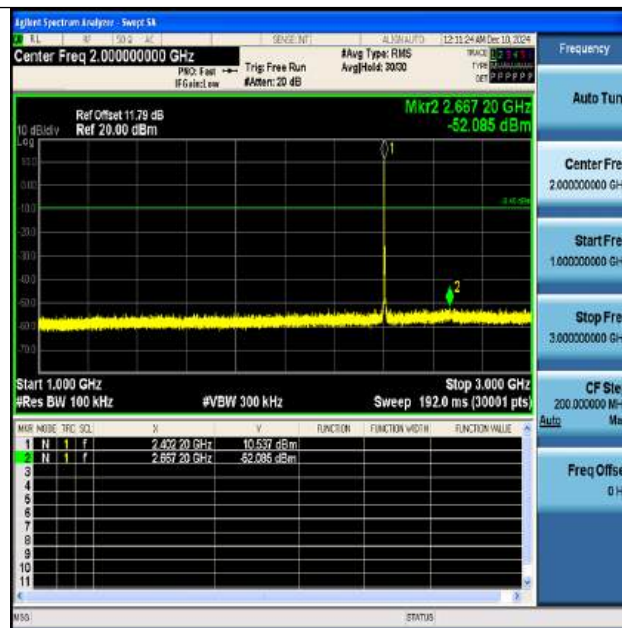
BLE_125K-Ant1-2480-21000~23000-PASS



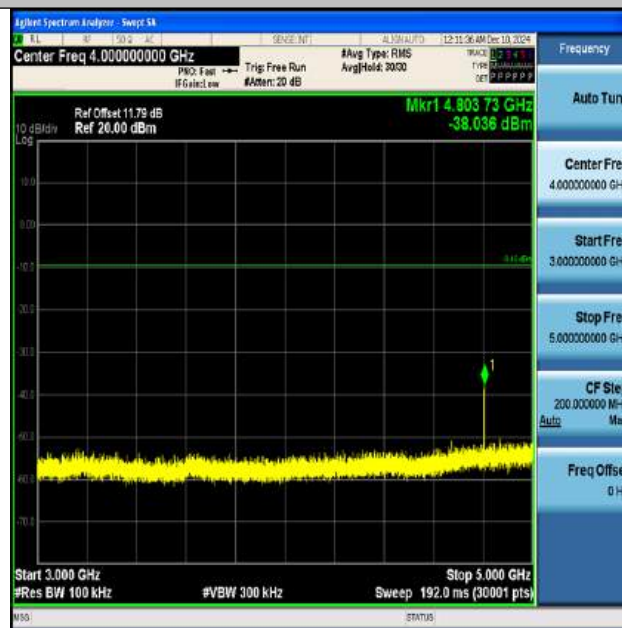
BLE_125K-Ant1-2480-23000~25000-PASS



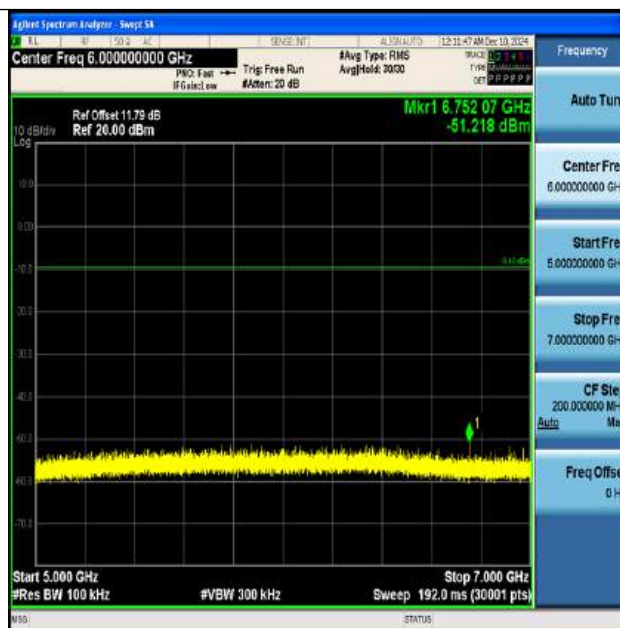
BLE_500K-Ant1-2402-30~1000-PASS



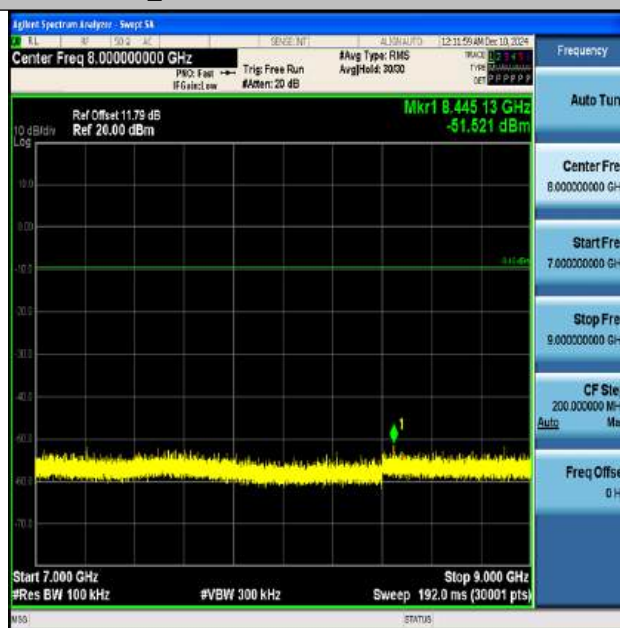
BLE_500K-Ant1-2402-1000~3000-PASS



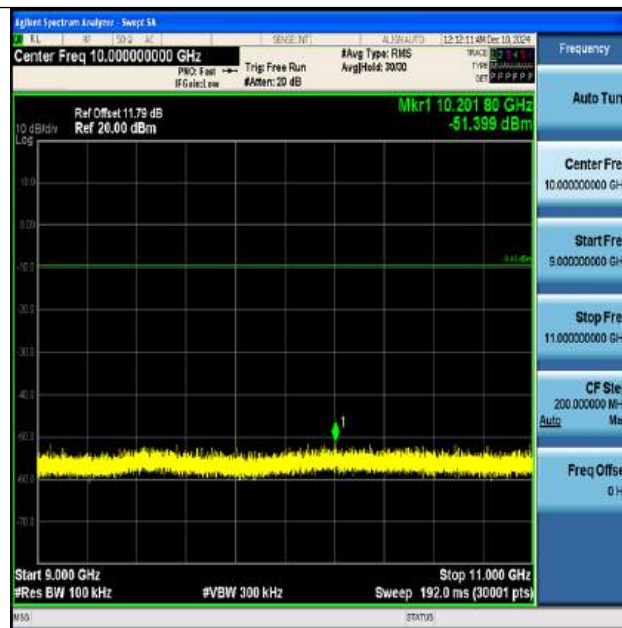
BLE_500K-Ant1-2402-3000~5000-PASS



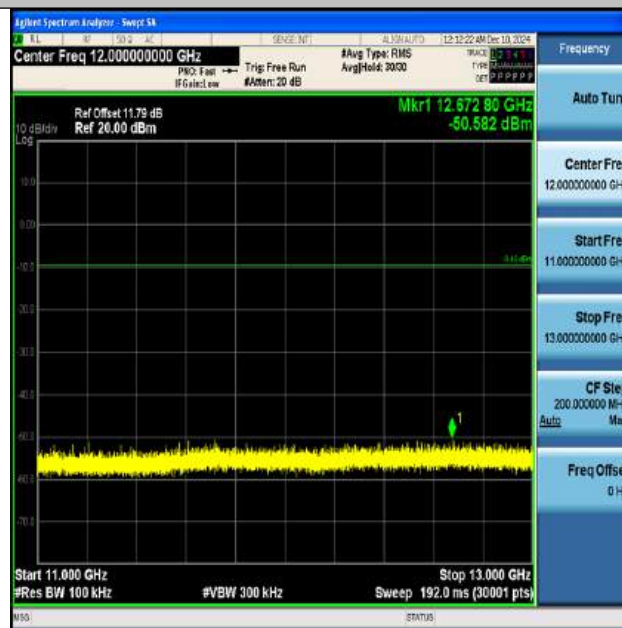
BLE_500K-Ant1-2402-5000~7000-PASS



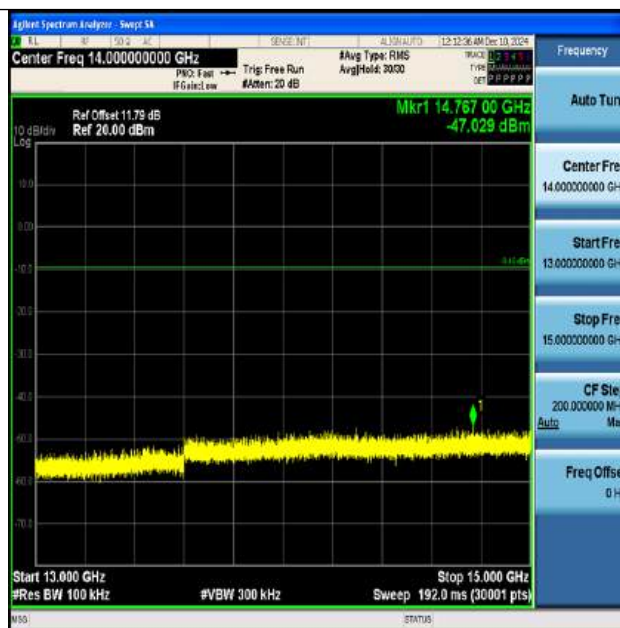
BLE_500K-Ant1-2402-7000~9000-PASS



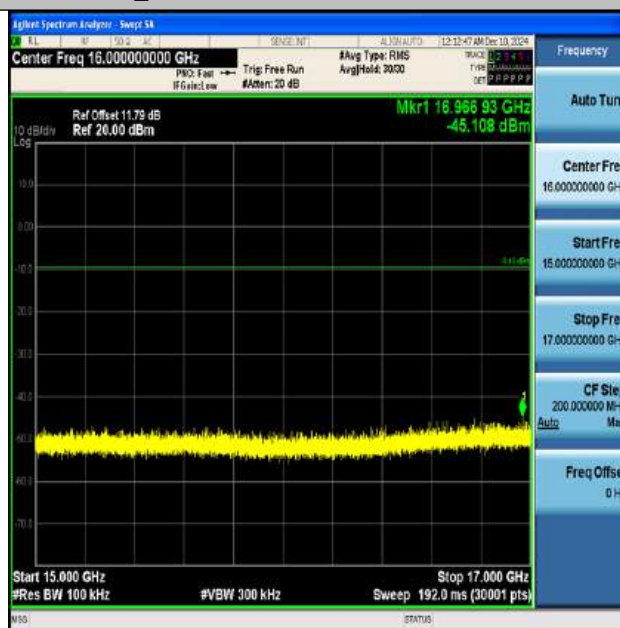
BLE_500K-Ant1-2402-9000~11000-PASS



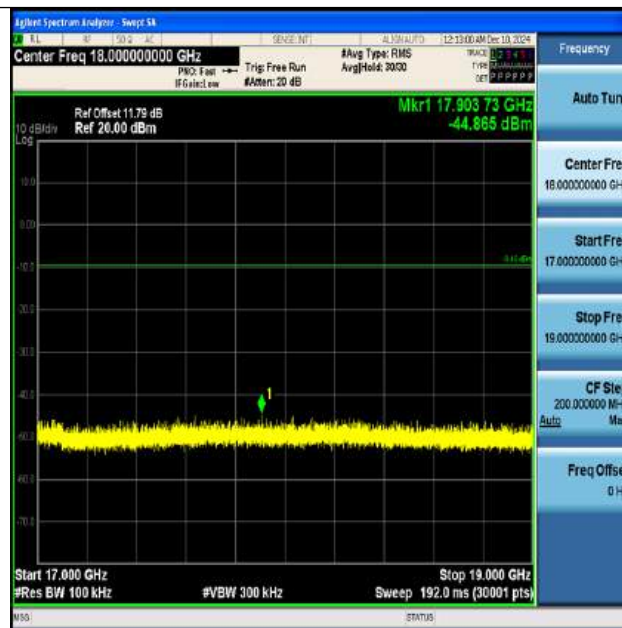
BLE_500K-Ant1-2402-11000~13000-PASS



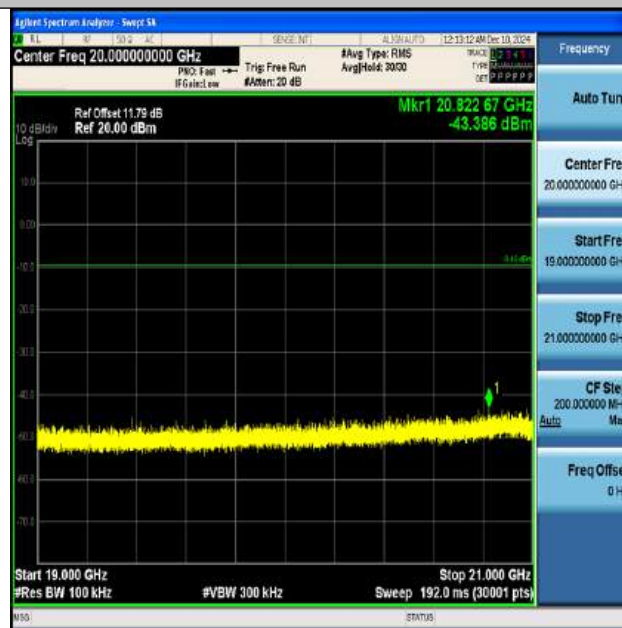
BLE_500K-Ant1-2402-13000~15000-PASS



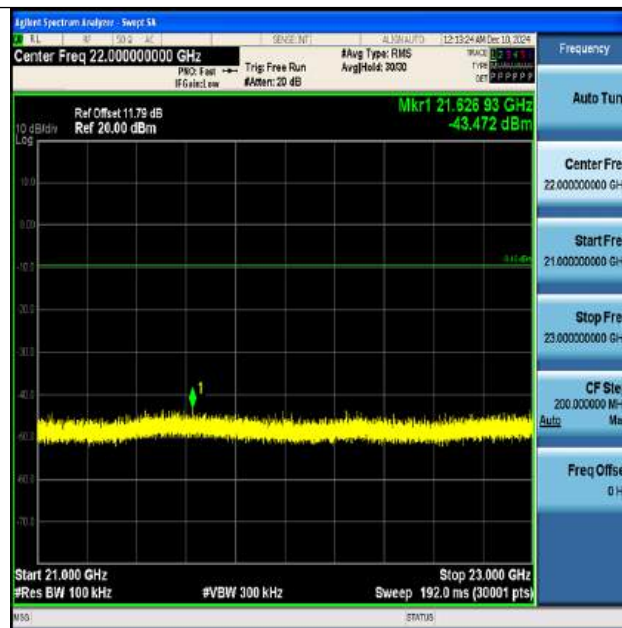
BLE_500K-Ant1-2402-15000~17000-PASS



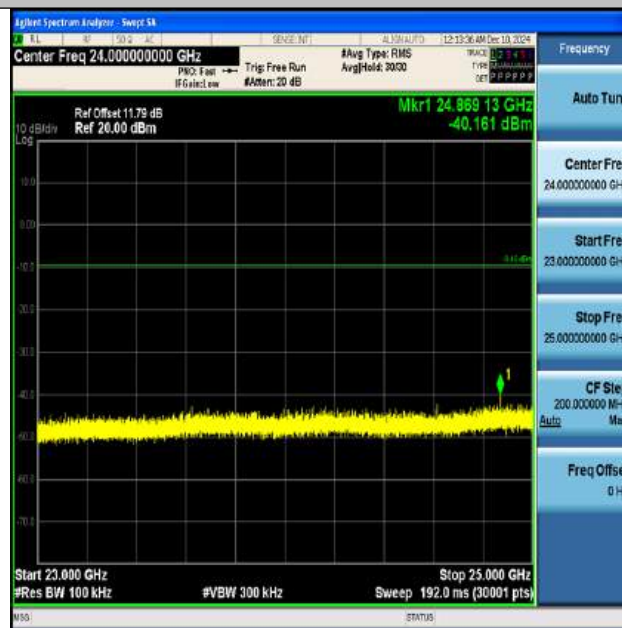
BLE_500K-Ant1-2402-17000~19000-PASS



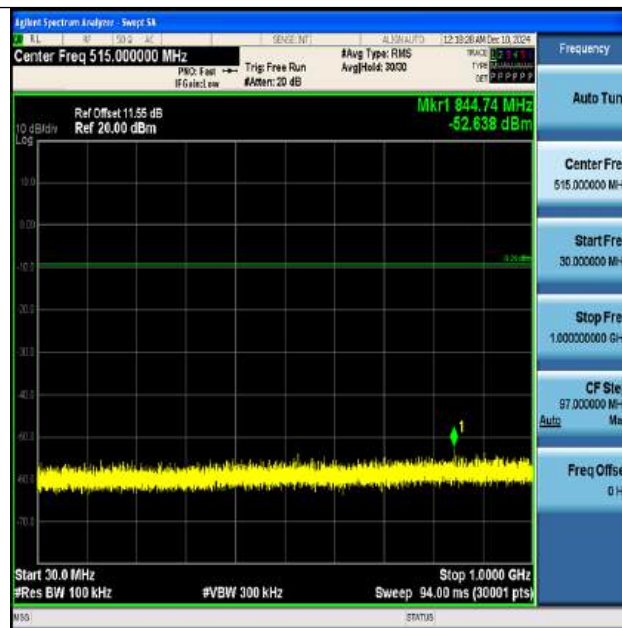
BLE_500K-Ant1-2402-19000~21000-PASS



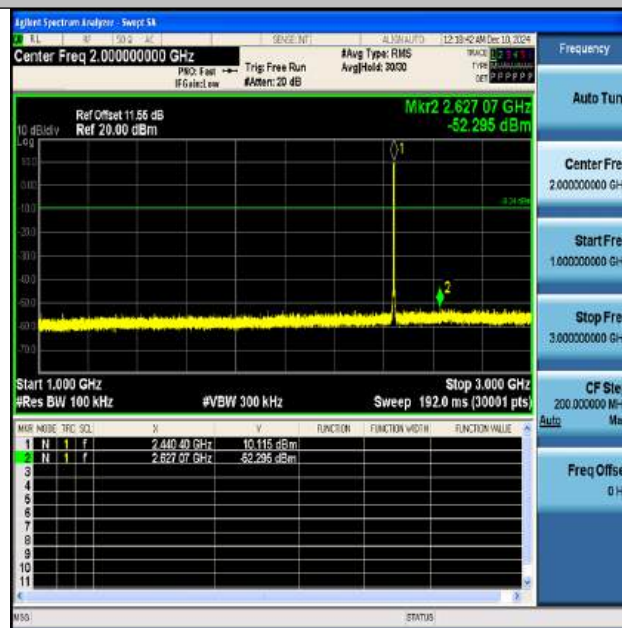
BLE_500K-Ant1-2402-21000~23000-PASS



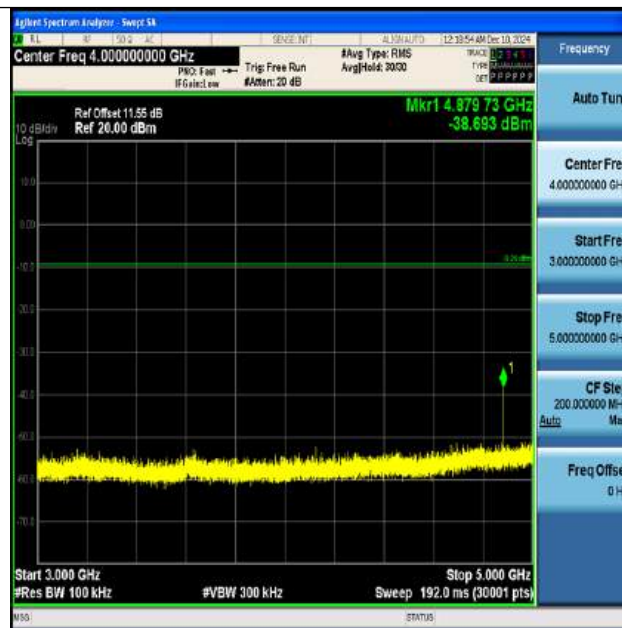
BLE_500K-Ant1-2402-23000~25000-PASS



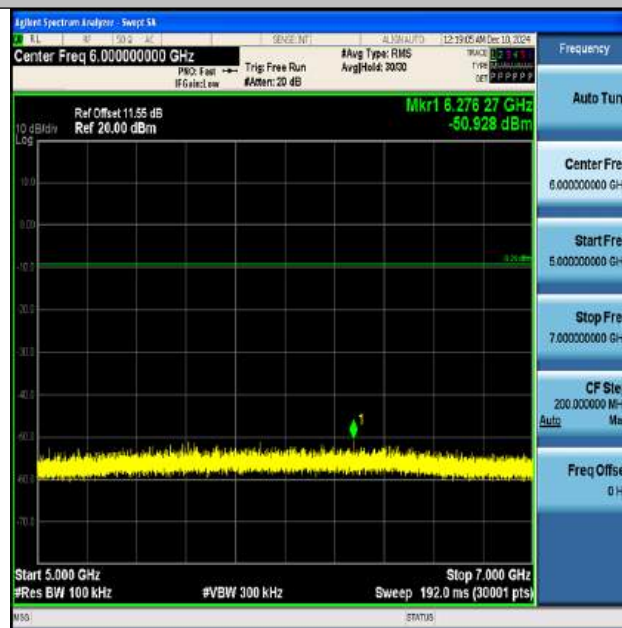
BLE_500K-Ant1-2440-30~1000-PASS



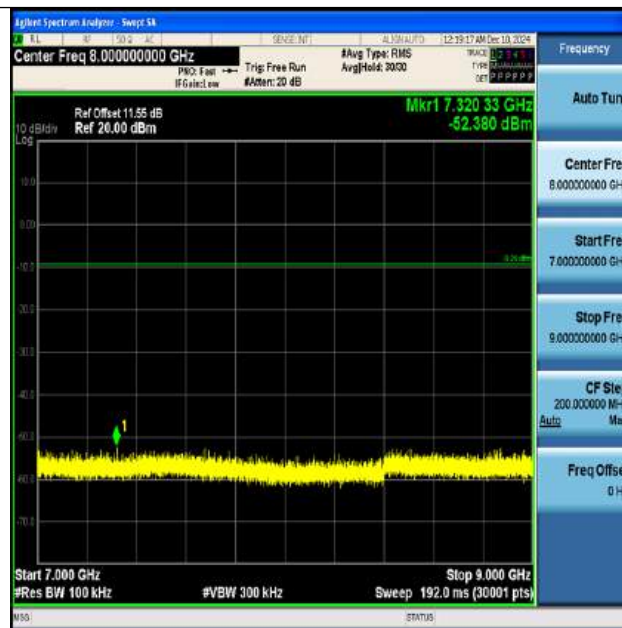
BLE_500K-Ant1-2440-1000~3000-PASS



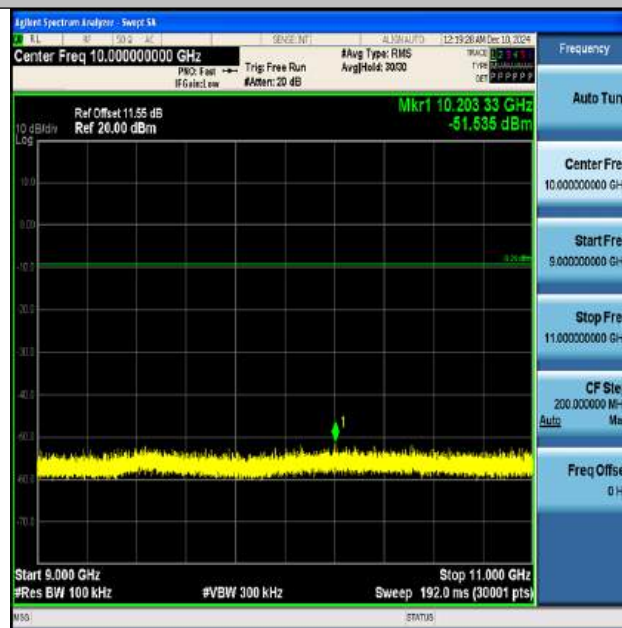
BLE_500K-Ant1-2440-3000~5000-PASS



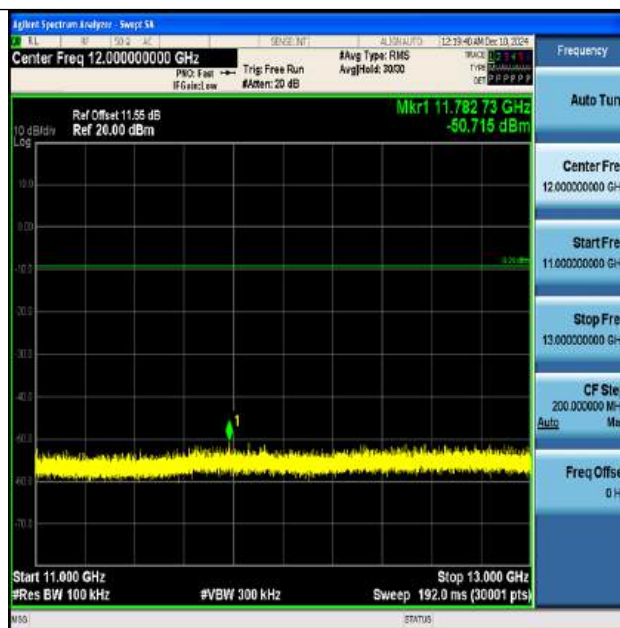
BLE_500K-Ant1-2440-5000~7000-PASS



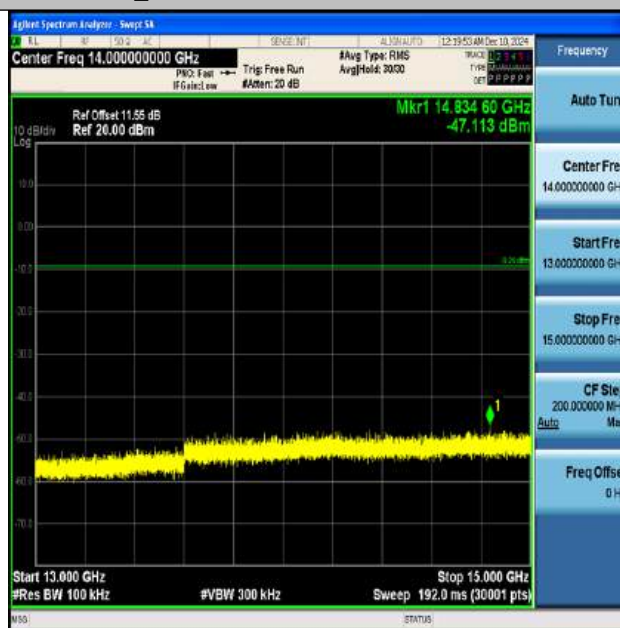
BLE_500K-Ant1-2440-7000~9000-PASS



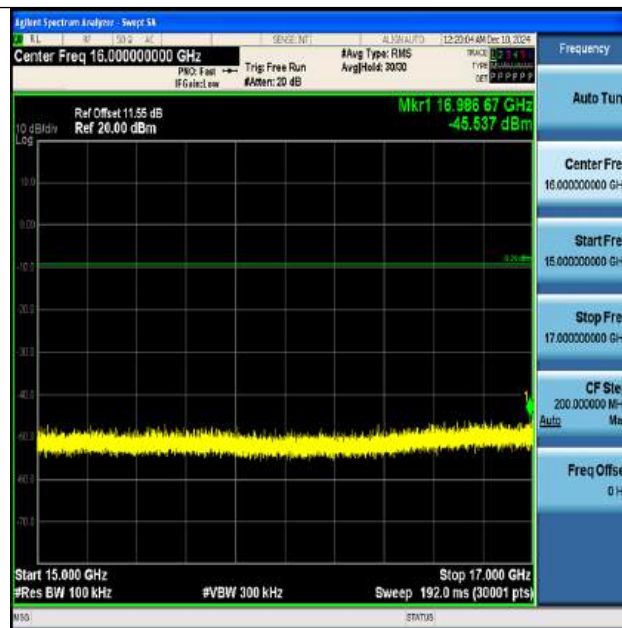
BLE_500K-Ant1-2440-9000~11000-PASS



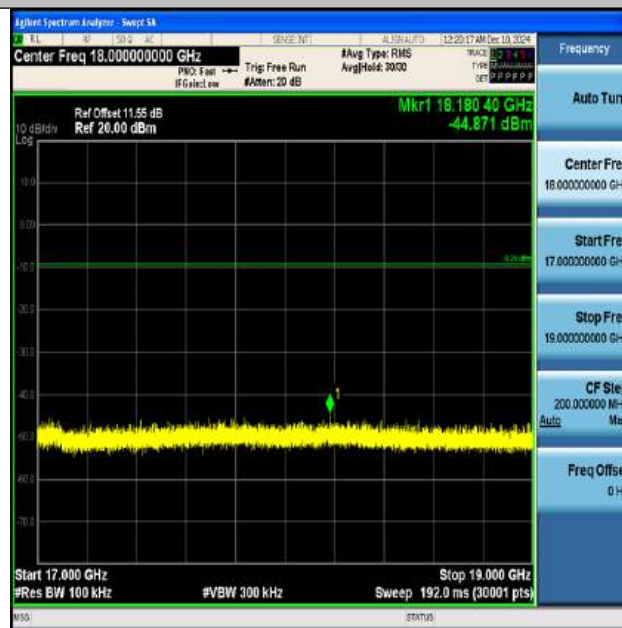
BLE_500K-Ant1-2440-11000~13000-PASS



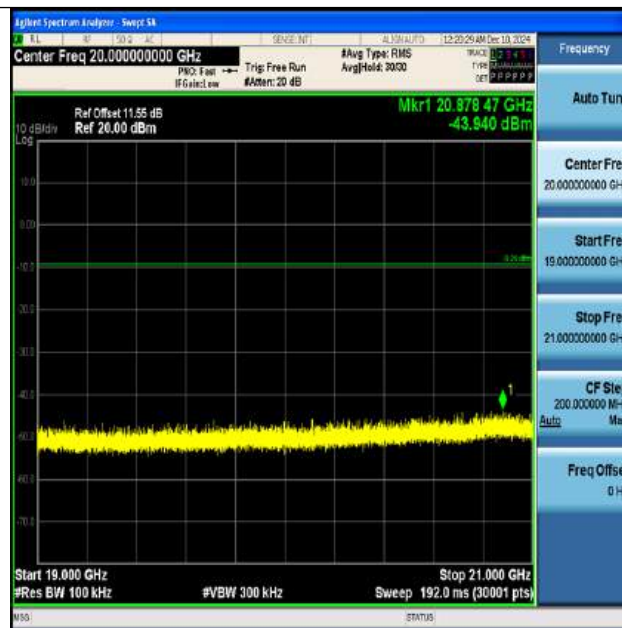
BLE_500K-Ant1-2440-13000~15000-PASS



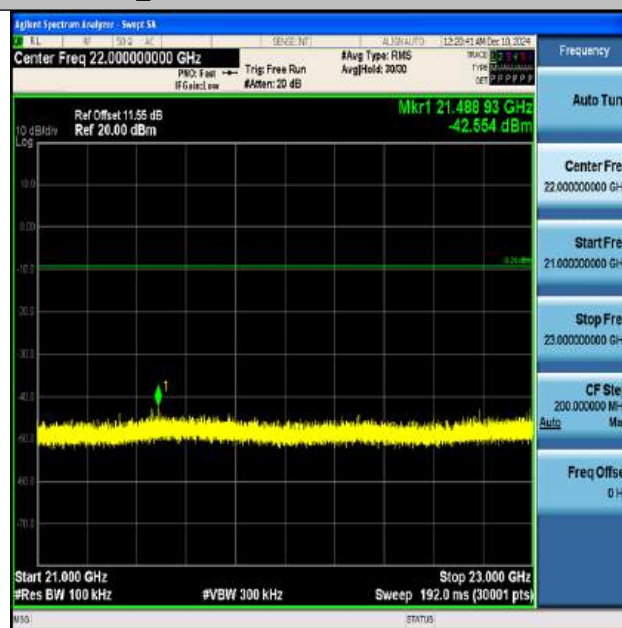
BLE_500K-Ant1-2440-15000~17000-PASS



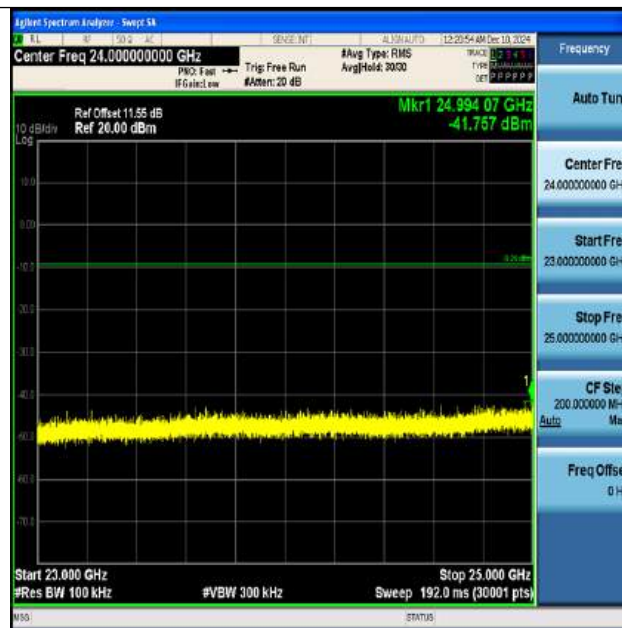
BLE_500K-Ant1-2440-17000~19000-PASS



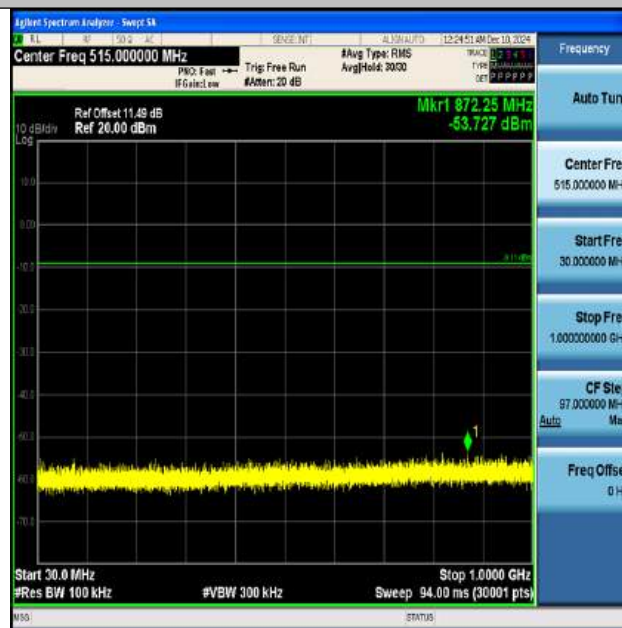
BLE_500K-Ant1-2440-19000~21000-PASS



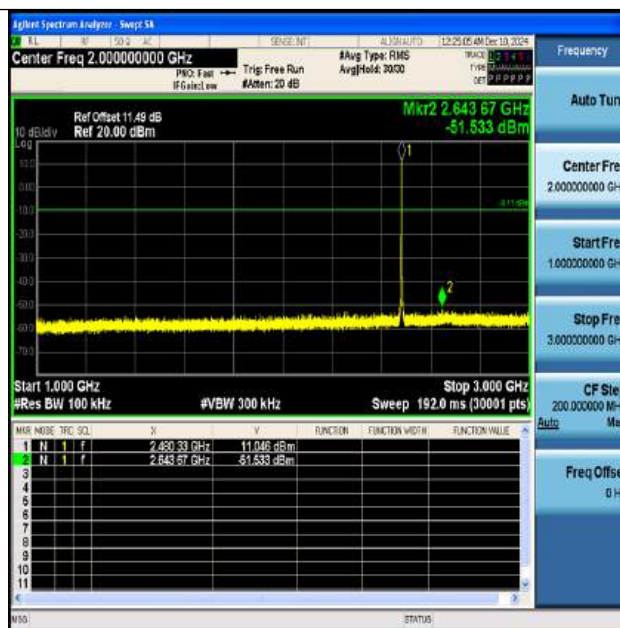
BLE_500K-Ant1-2440-21000~23000-PASS



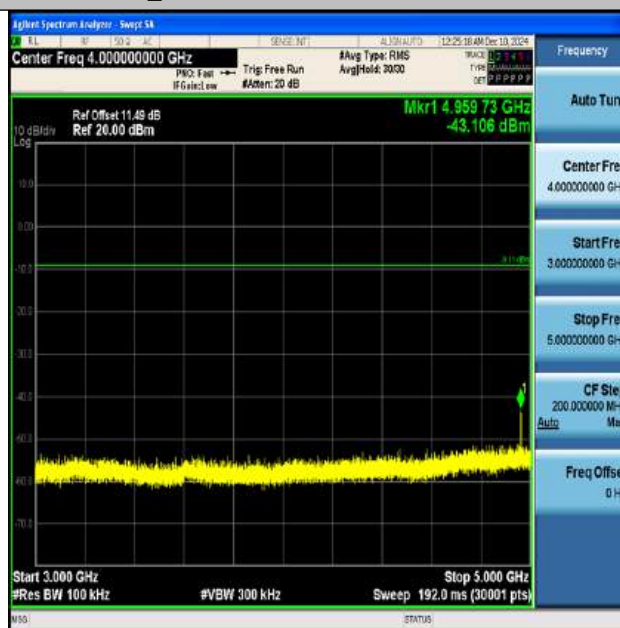
BLE_500K-Ant1-2440-23000~25000-PASS



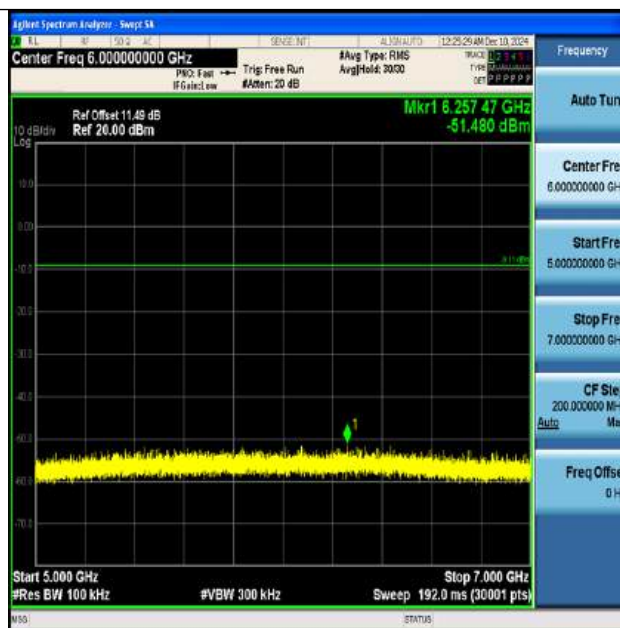
BLE_500K-Ant1-2480-30~1000-PASS



BLE_500K-Ant1-2480-1000~3000-PASS



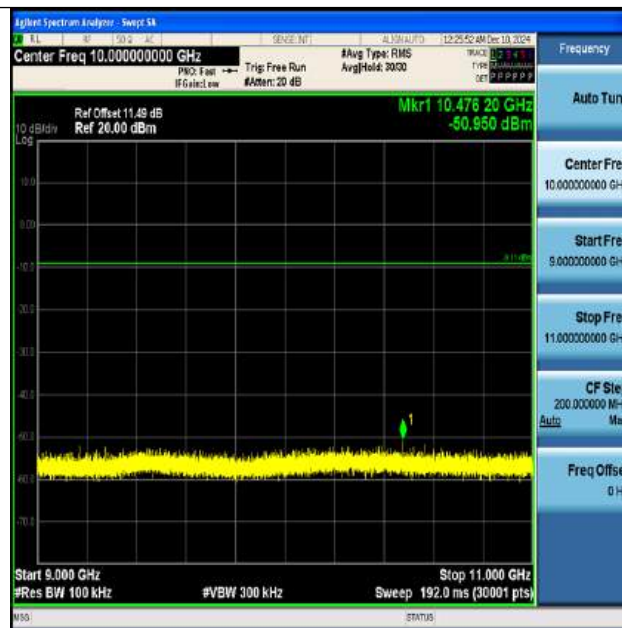
BLE_500K-Ant1-2480-3000~5000-PASS



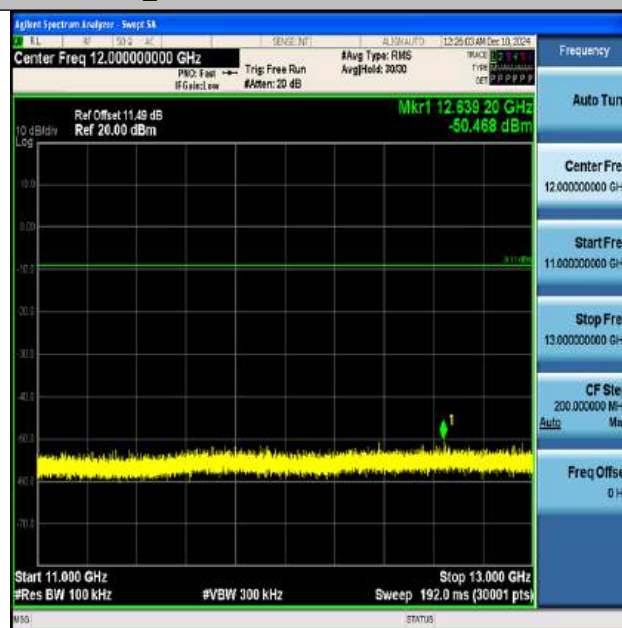
BLE_500K-Ant1-2480-5000~7000-PASS



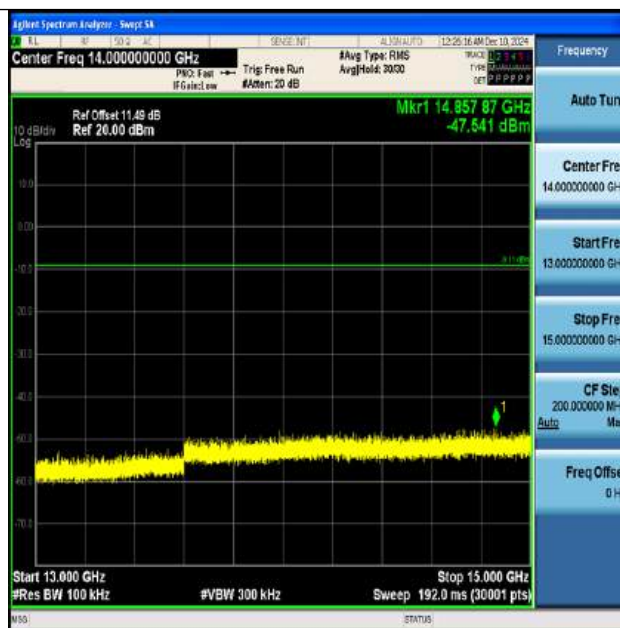
BLE_500K-Ant1-2480-7000~9000-PASS



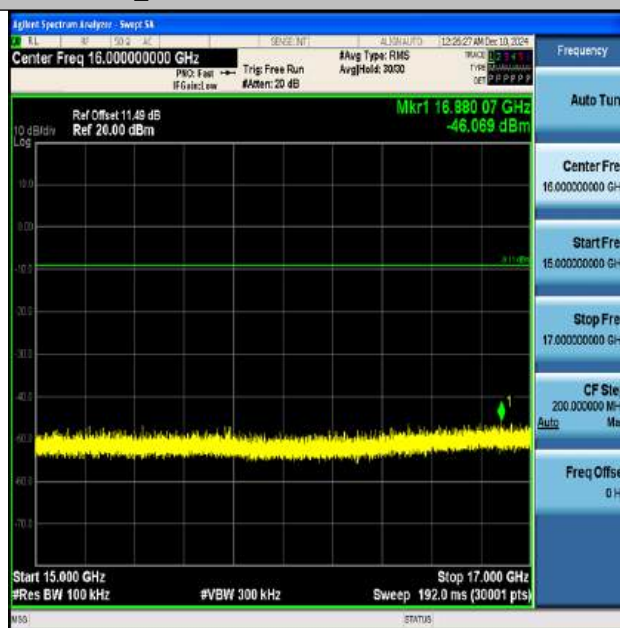
BLE_500K-Ant1-2480-9000~11000-PASS



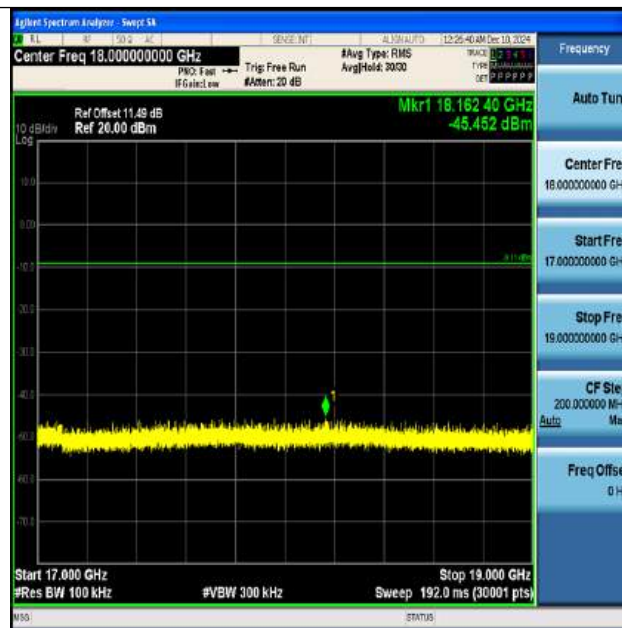
BLE_500K-Ant1-2480-11000~13000-PASS



BLE_500K-Ant1-2480-13000~15000-PASS



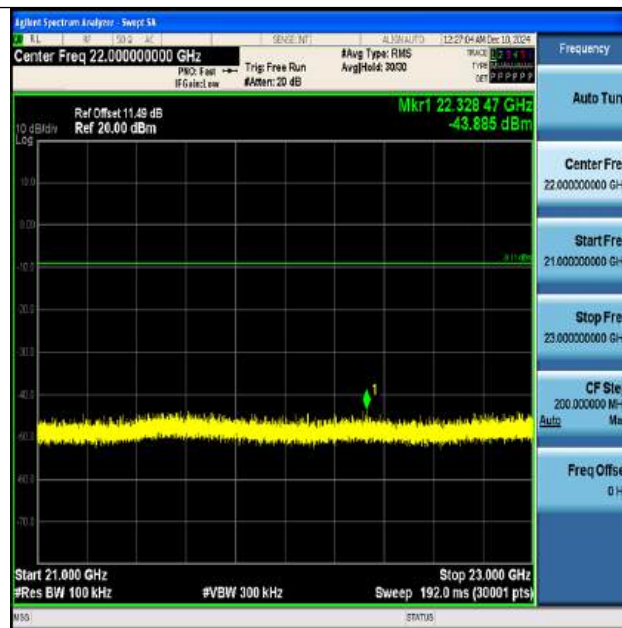
BLE_500K-Ant1-2480-15000~17000-PASS



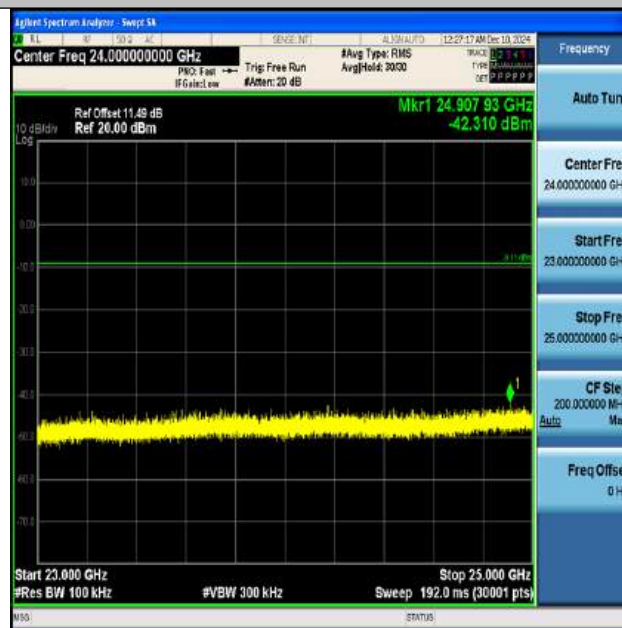
BLE_500K-Ant1-2480-17000~19000-PASS



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



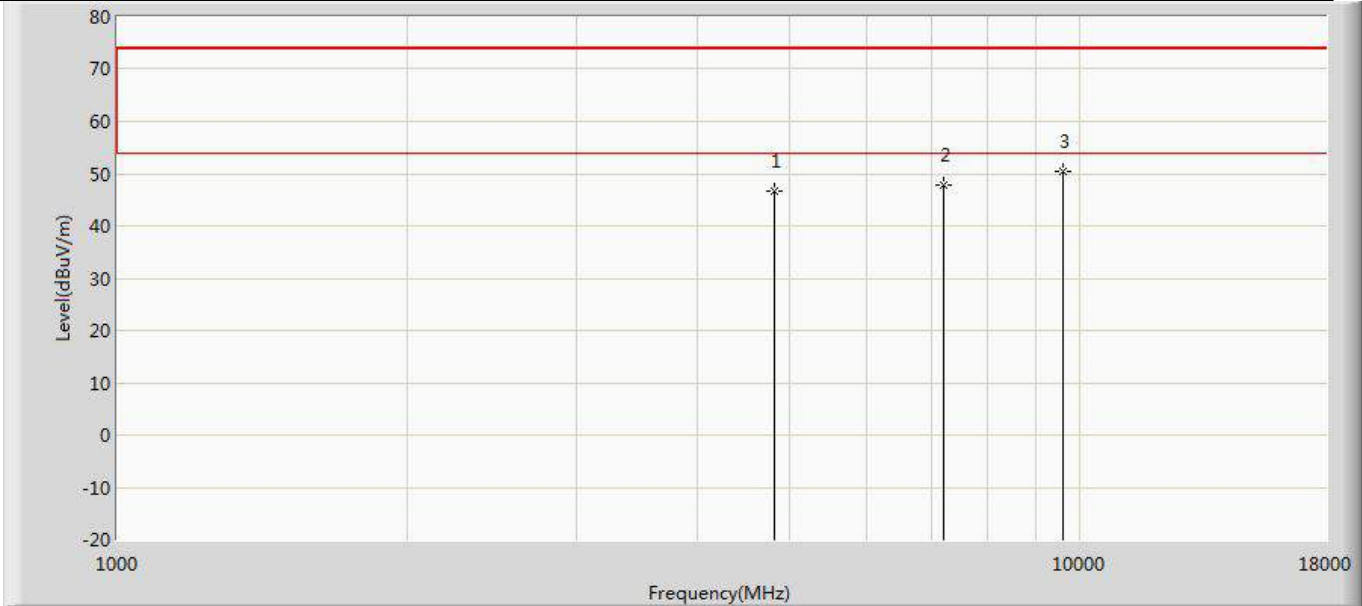
NTNV-BLE_500K-Ant1-2440



NTNV-BLE_500K-Ant1-2480

Appendix H: Emissions in Restricted Bands

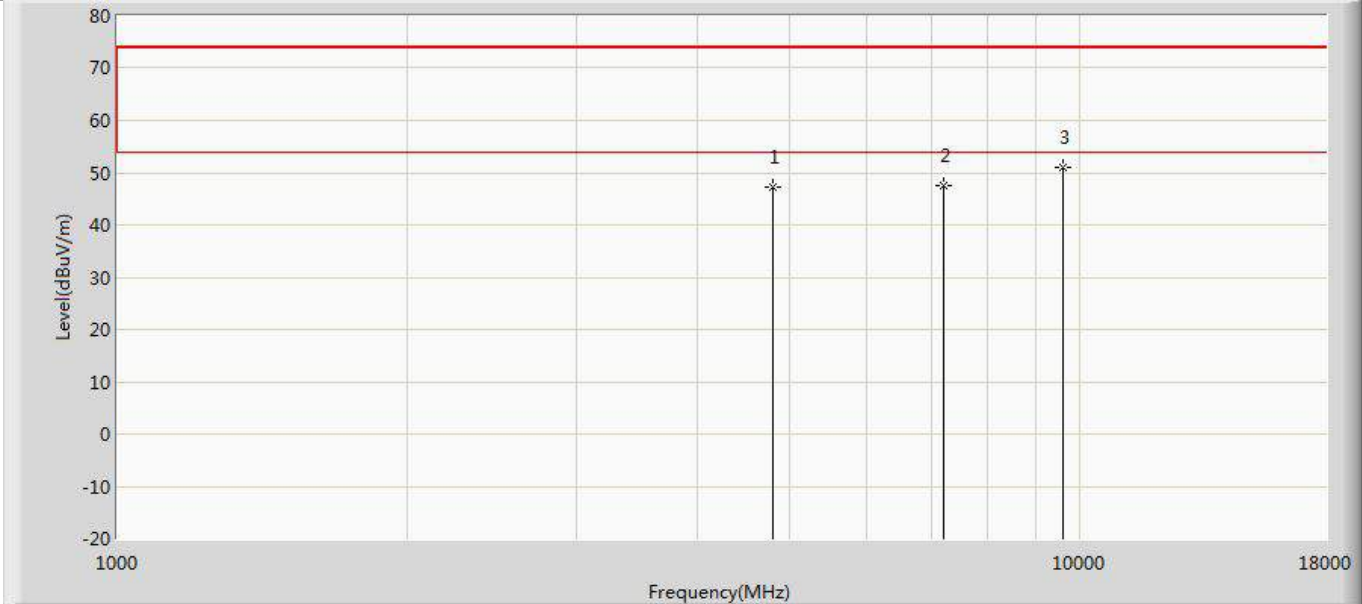
Profile: 24B1032R	Page No.: 31
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2402MHz by LE_1Mbps	



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



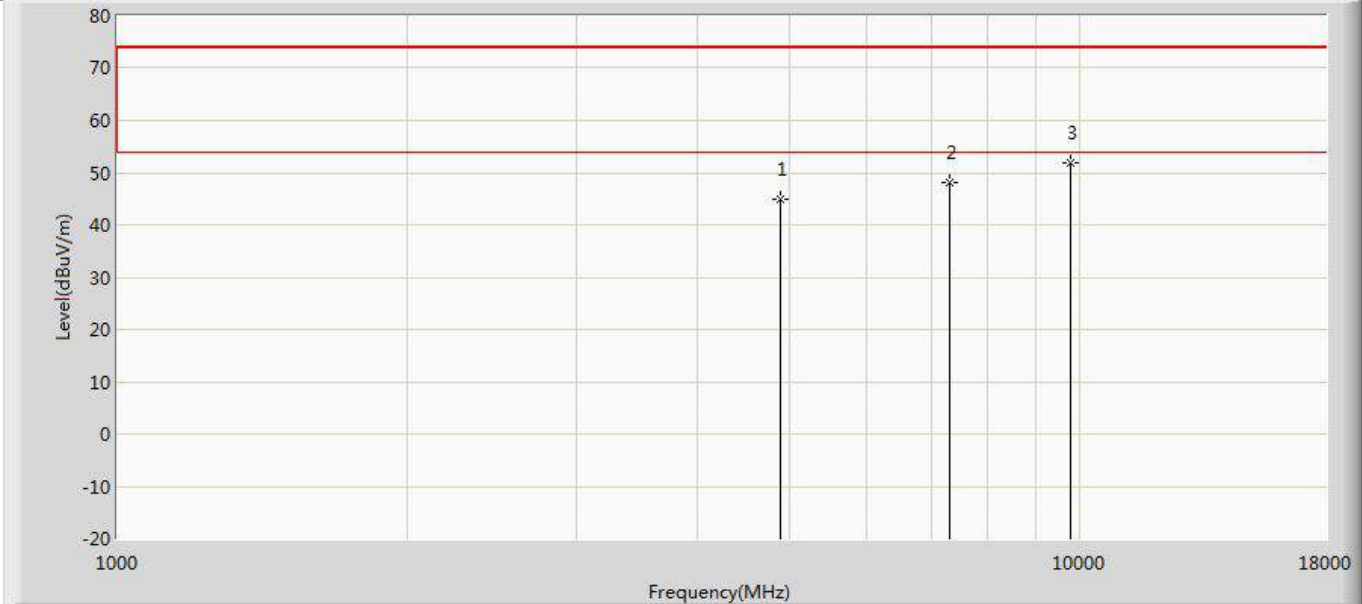
Profile: 24B1032R	Page No.: 32
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2402MHz by LE_1Mbps	



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



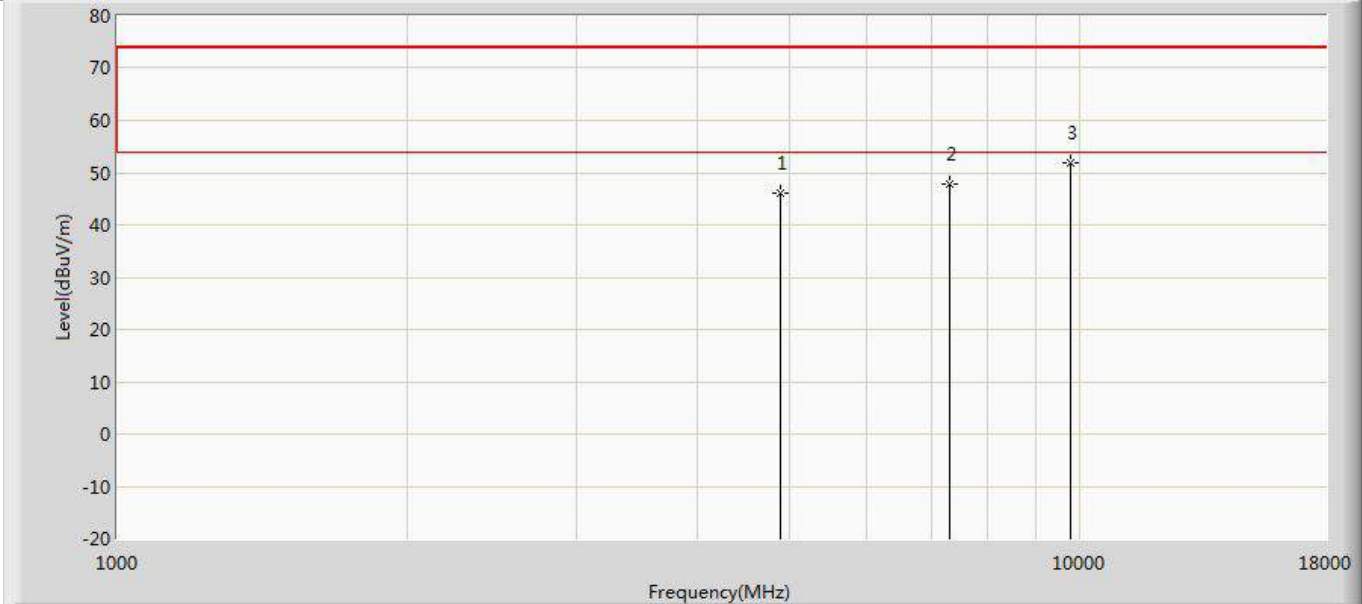
Profile: 24B1032R	Page No.: 33
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2440MHz by LE_1Mbps	



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

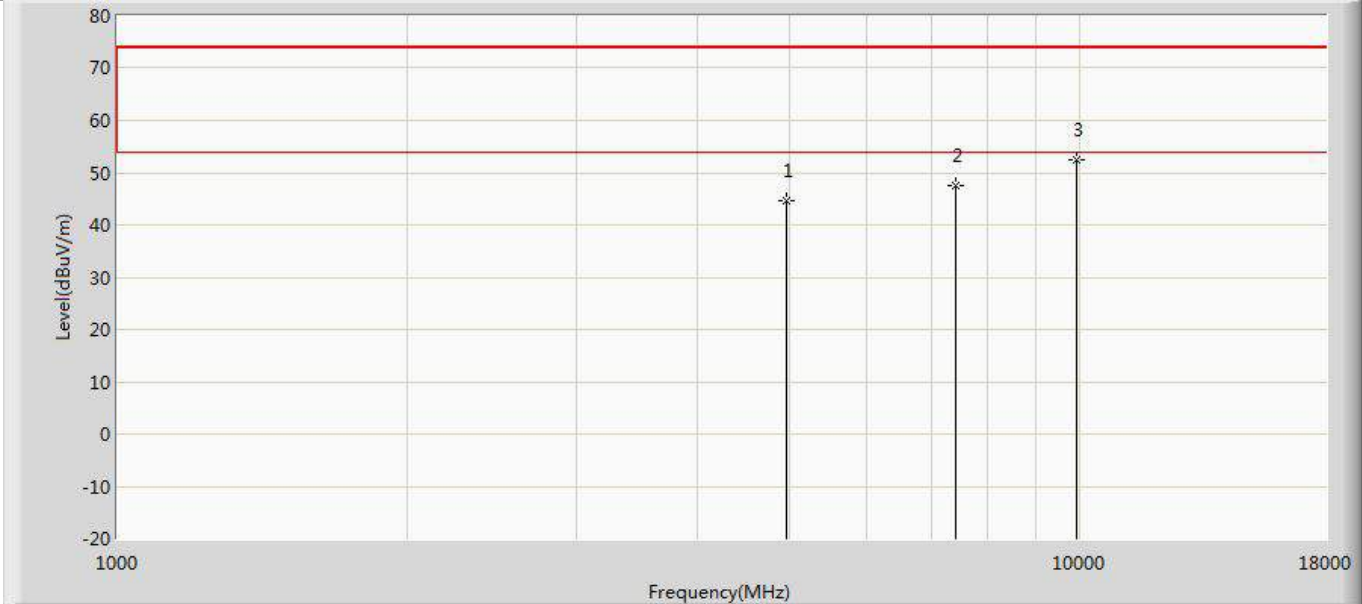


Profile: 24B1032R	Page No.: 34
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2440MHz by LE_1Mbps	



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

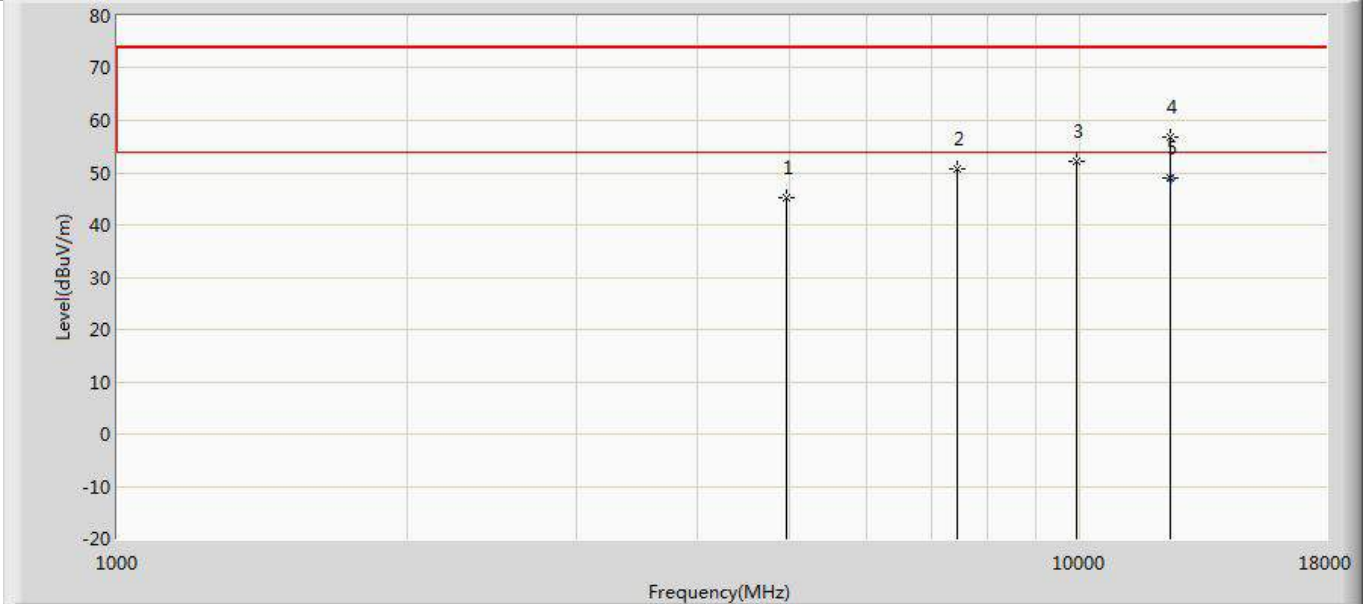
Profile: 24B1032R	Page No.: 35
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2480MHz by LE_1Mbps	



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

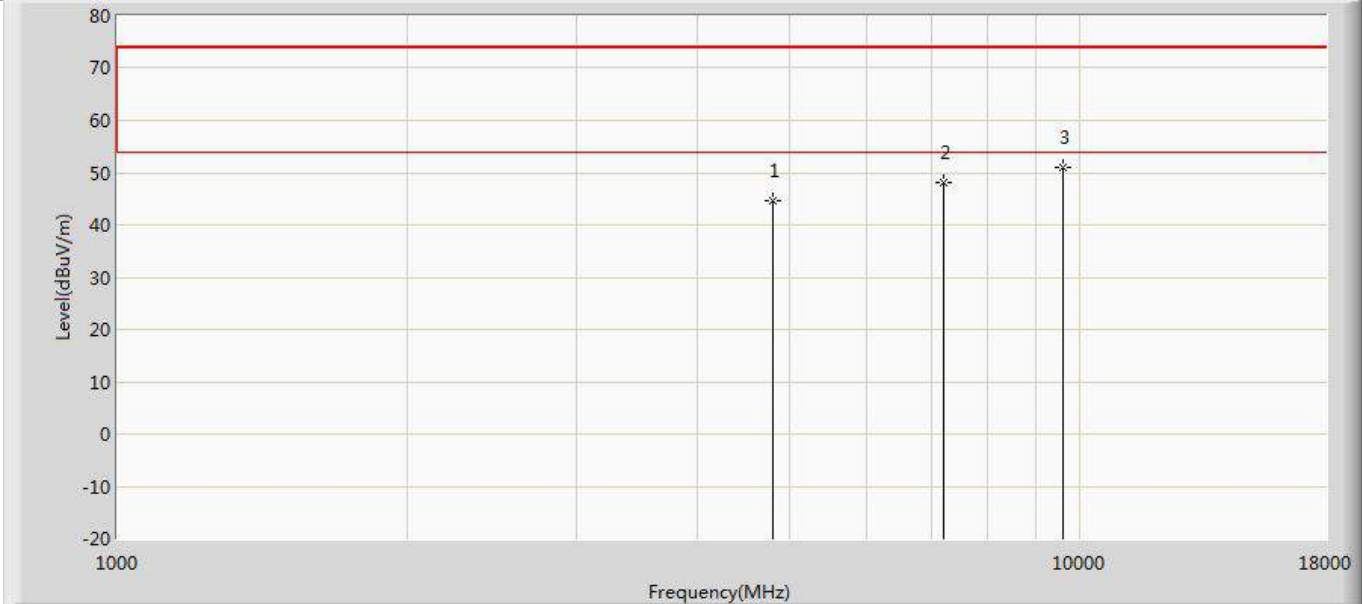


Profile: 24B1032R	Page No.: 36
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 1: Transmit at 2480MHz by LE_1Mbps	



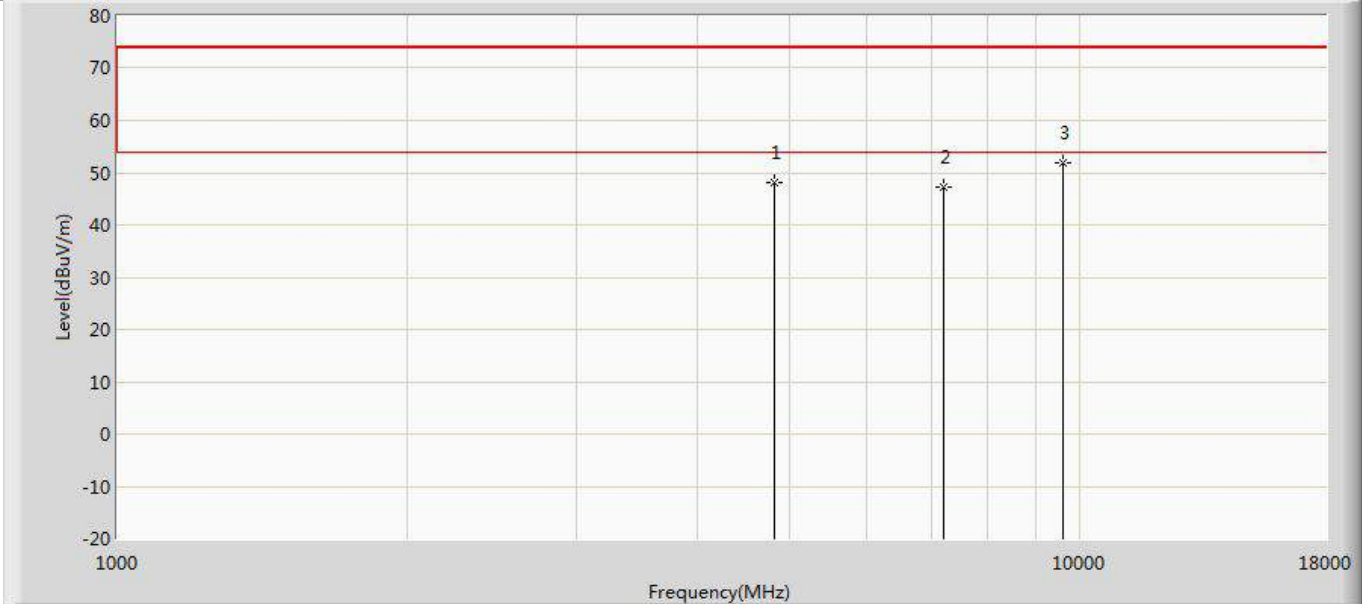
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.304	56.191	-28.696	74.000	-10.888	PK
2		7443.000	50.839	57.927	-23.161	74.000	-7.088	PK
3		9920.000	52.193	54.058	-21.807	74.000	-1.865	PK
4		12407.000	56.708	53.846	-17.292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

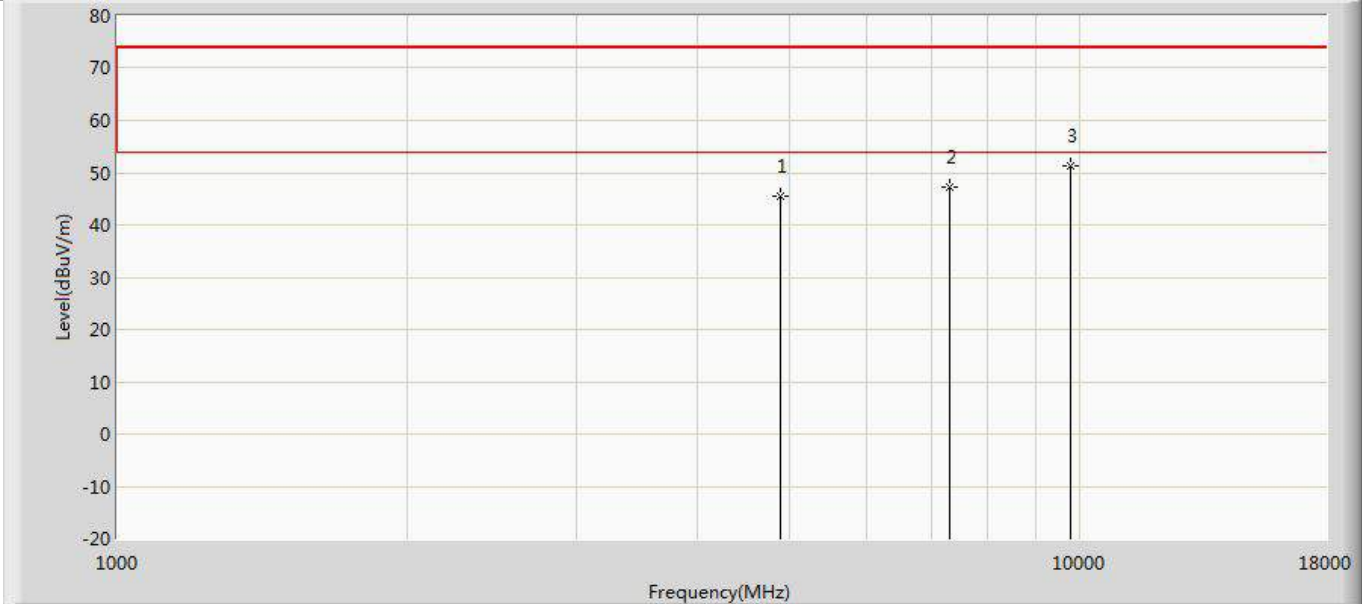
Profile: 24B1032R	Page No.: 38
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2402MHz by LE_2Mbps	



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



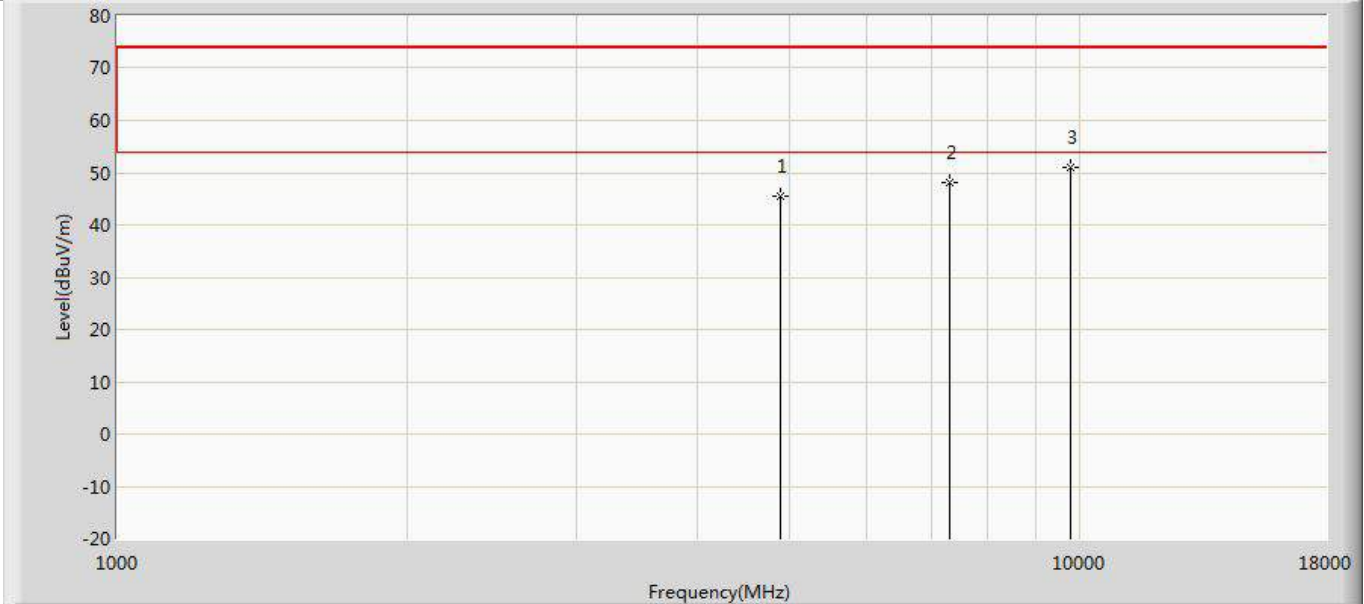
Profile: 24B1032R	Page No.: 39
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2440MHz by LE_2Mbps	



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

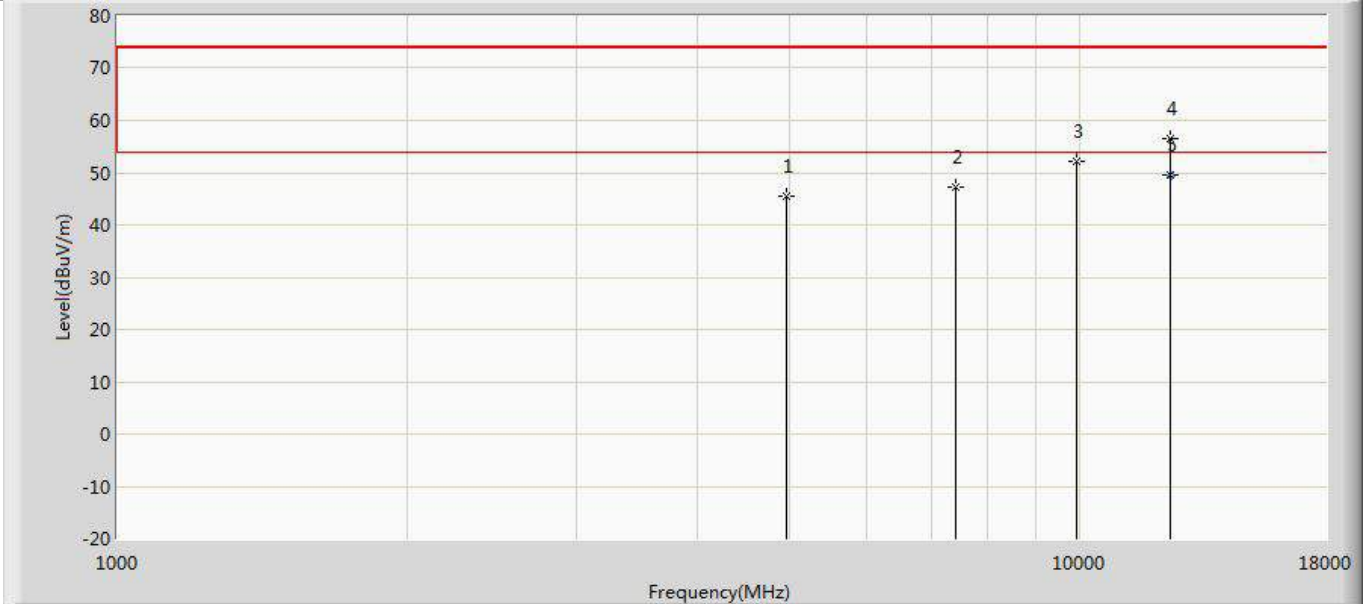


Profile: 24B1032R	Page No.: 40
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2440MHz by LE_2Mbps	



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

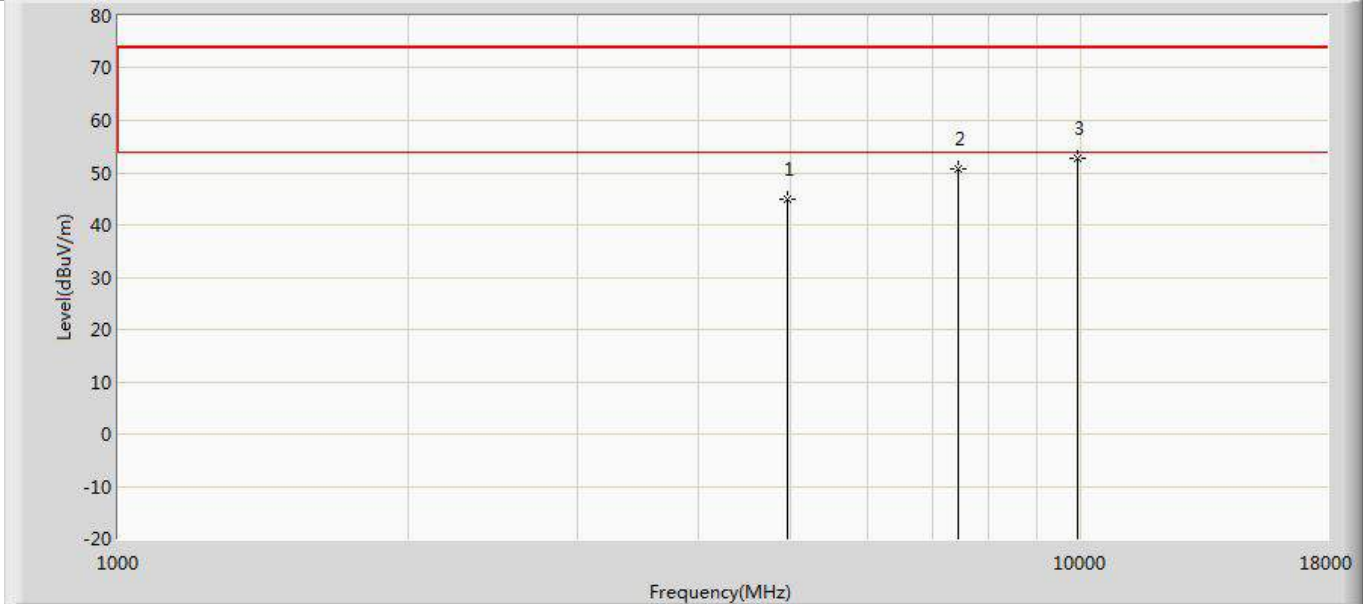
Profile: 24B1032R	Page No.: 41
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2480MHz by LE_2Mbps	



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



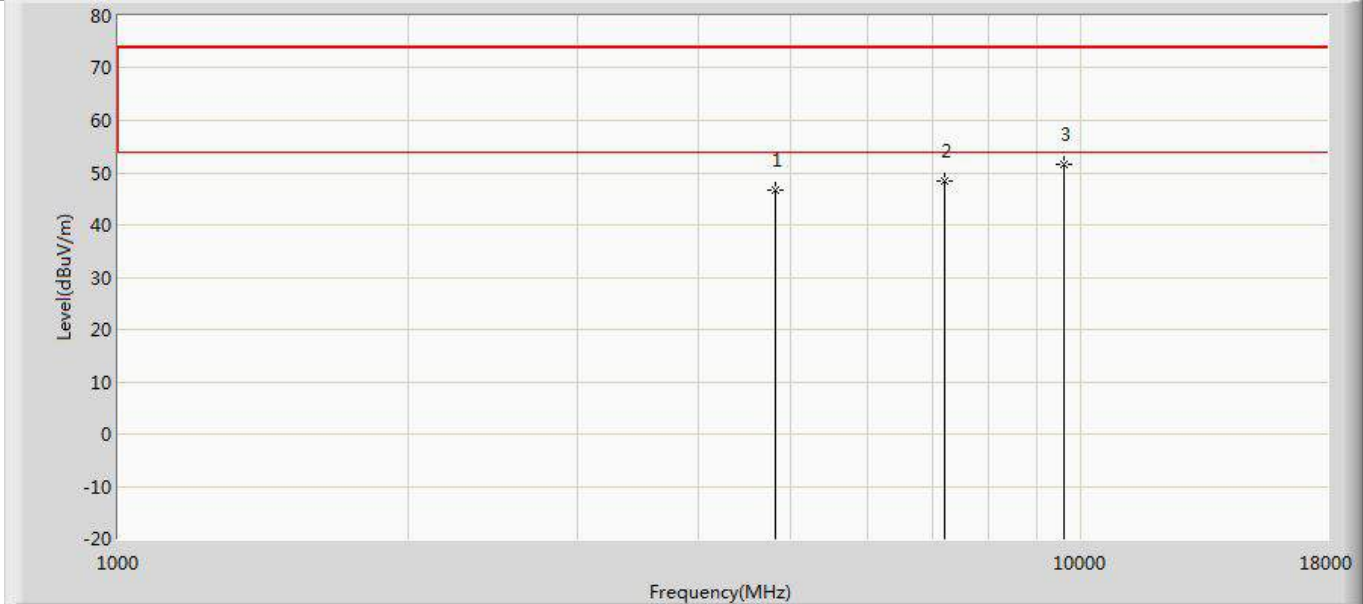
Profile: 24B1032R	Page No.: 42
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 2: Transmit at 2480MHz by LE_2Mbps	



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



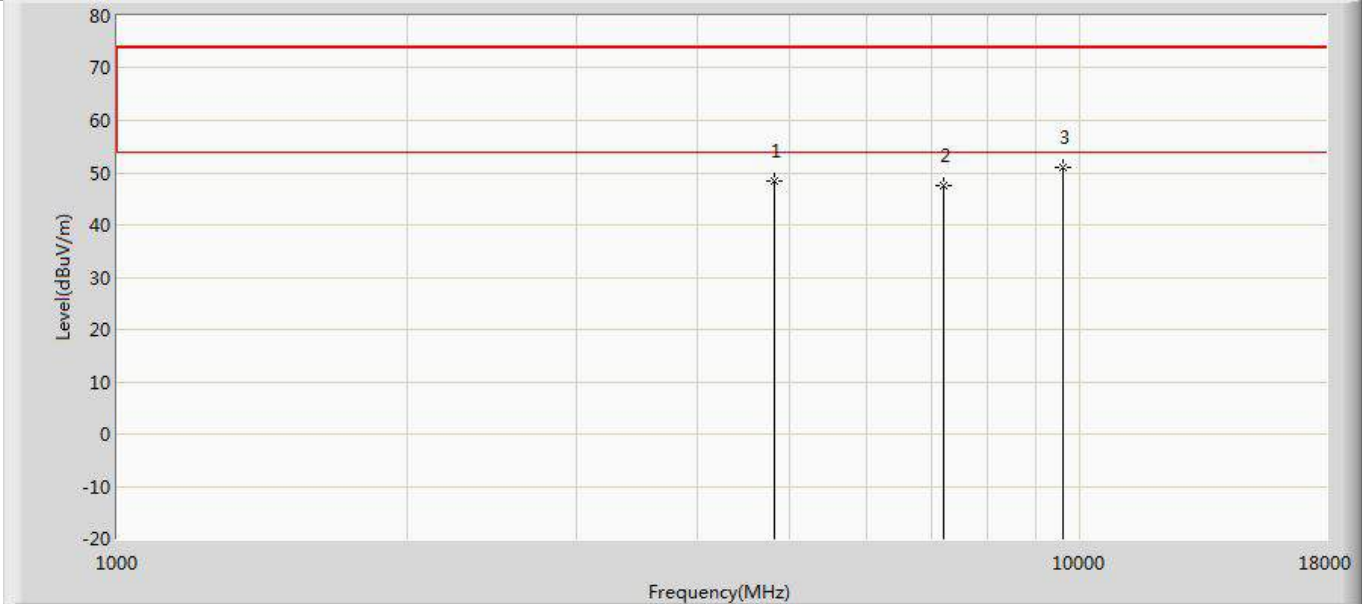
Profile: 24B1032R	Page No.: 43
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2402MHz by LE_Coded S=2	



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



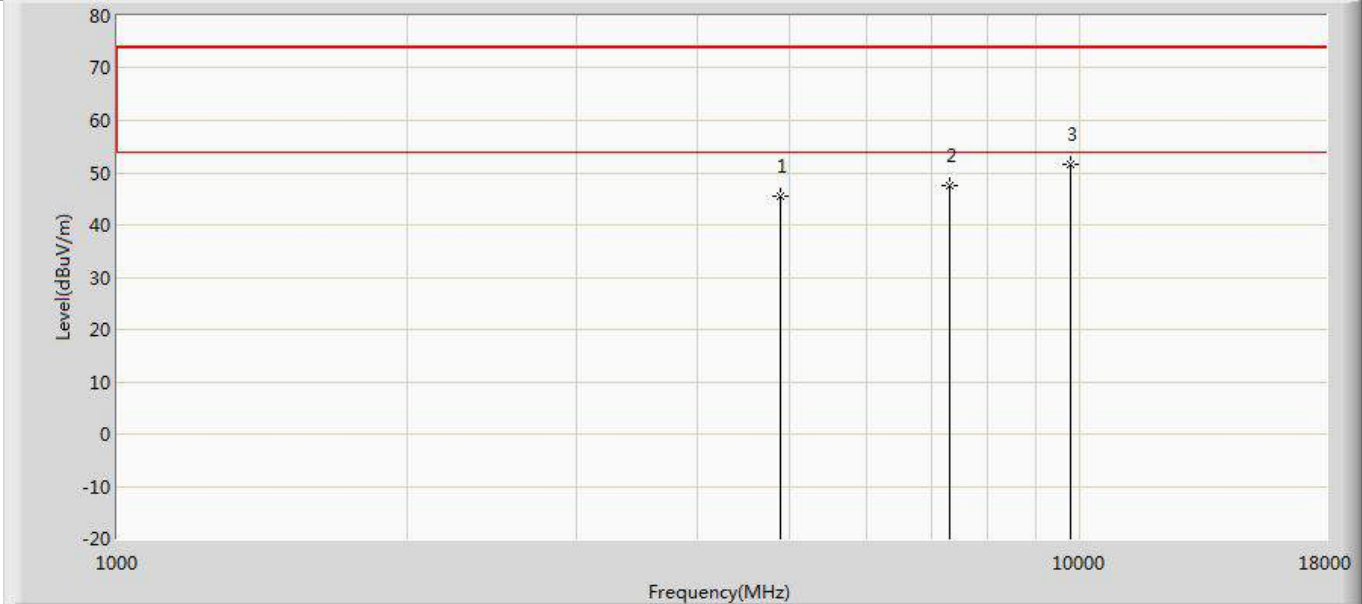
Profile: 24B1032R	Page No.: 44
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2402MHz by LE_Coded S=2	



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



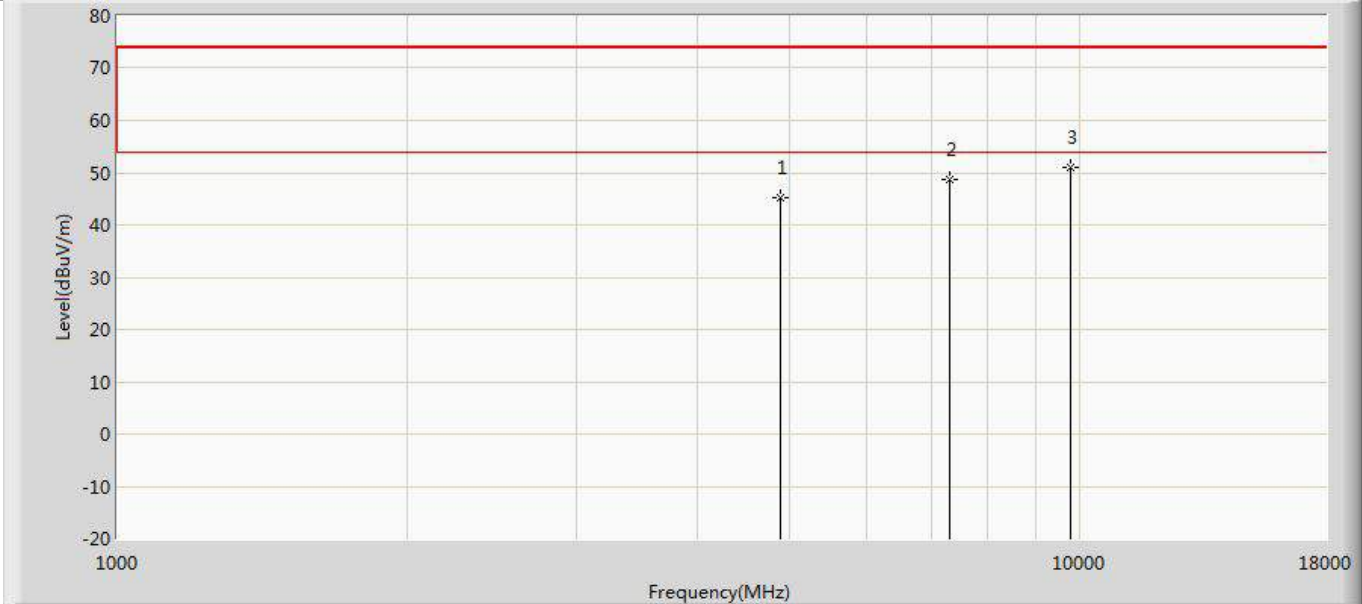
Profile: 24B1032R	Page No.: 45
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2440MHz by LE_Coded S=2	



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

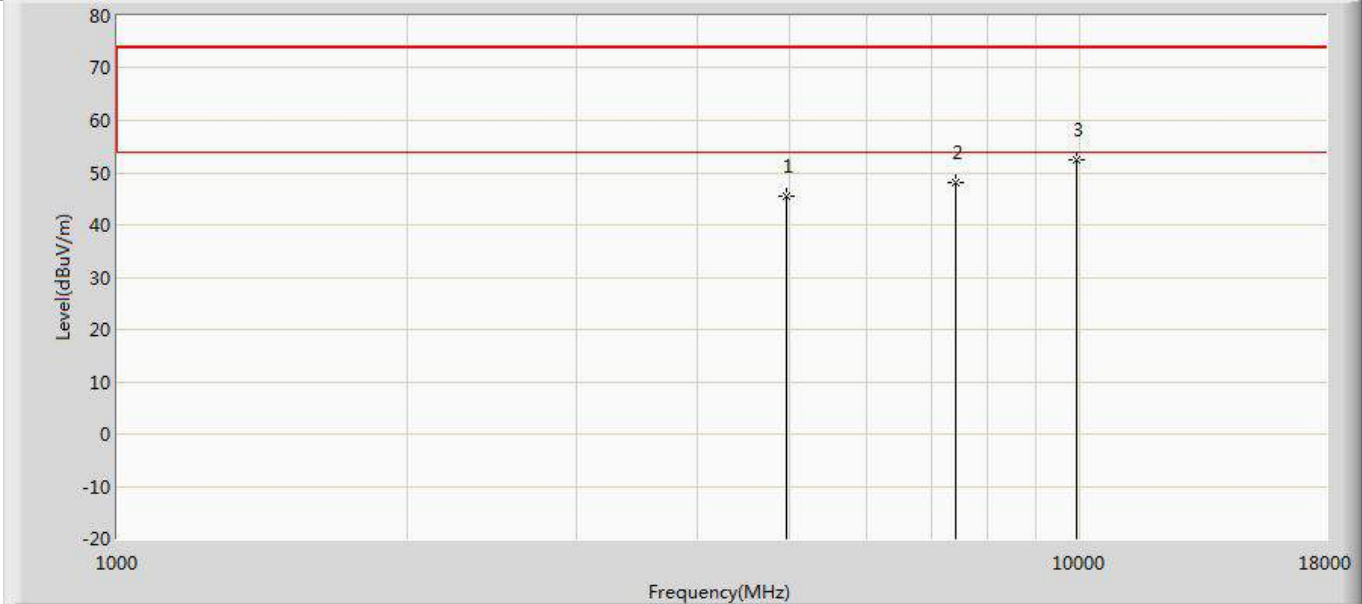


Profile: 24B1032R	Page No.: 46
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 3: Transmit at 2440MHz by LE_Coded S=2	



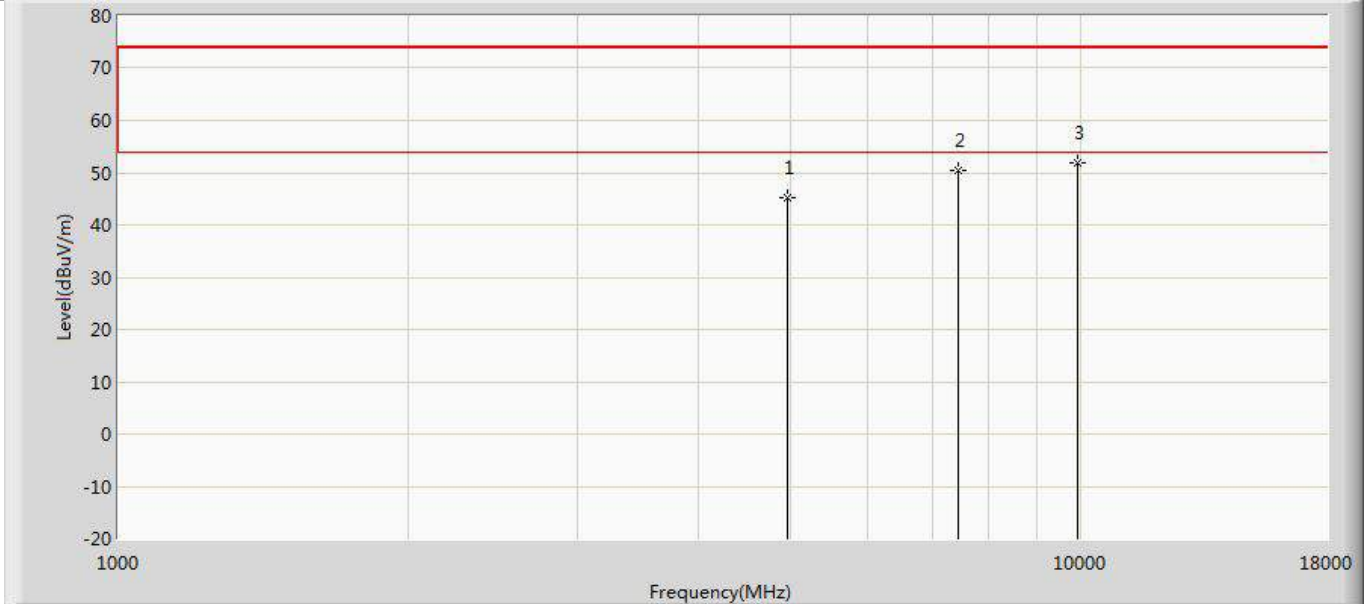
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.318	56.095	-28.682	74.000	-10.777	PK
2		7320.000	48.648	55.939	-25.352	74.000	-7.291	PK
3	*	9760.000	51.124	53.991	-22.876	74.000	-2.867	PK

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	



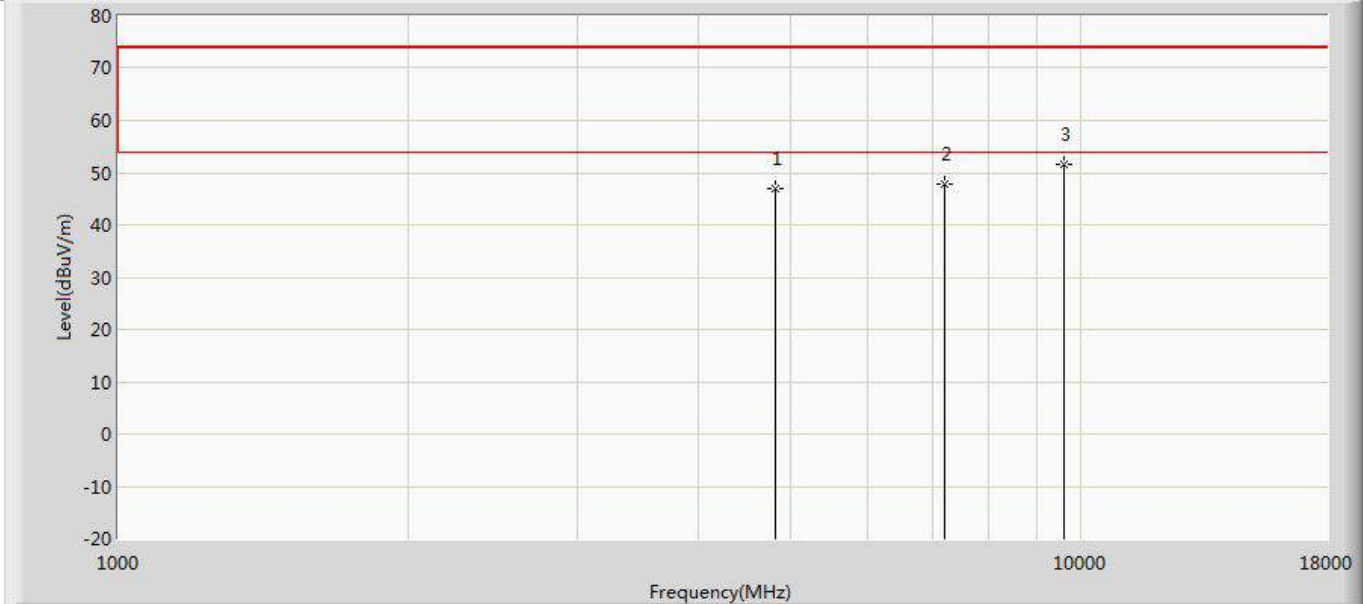
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.613	56.500	-28.387	74.000	-10.888	PK
2		7440.000	48.100	55.210	-25.900	74.000	-7.110	PK
3	*	9920.000	52.601	54.466	-21.399	74.000	-1.865	PK

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	



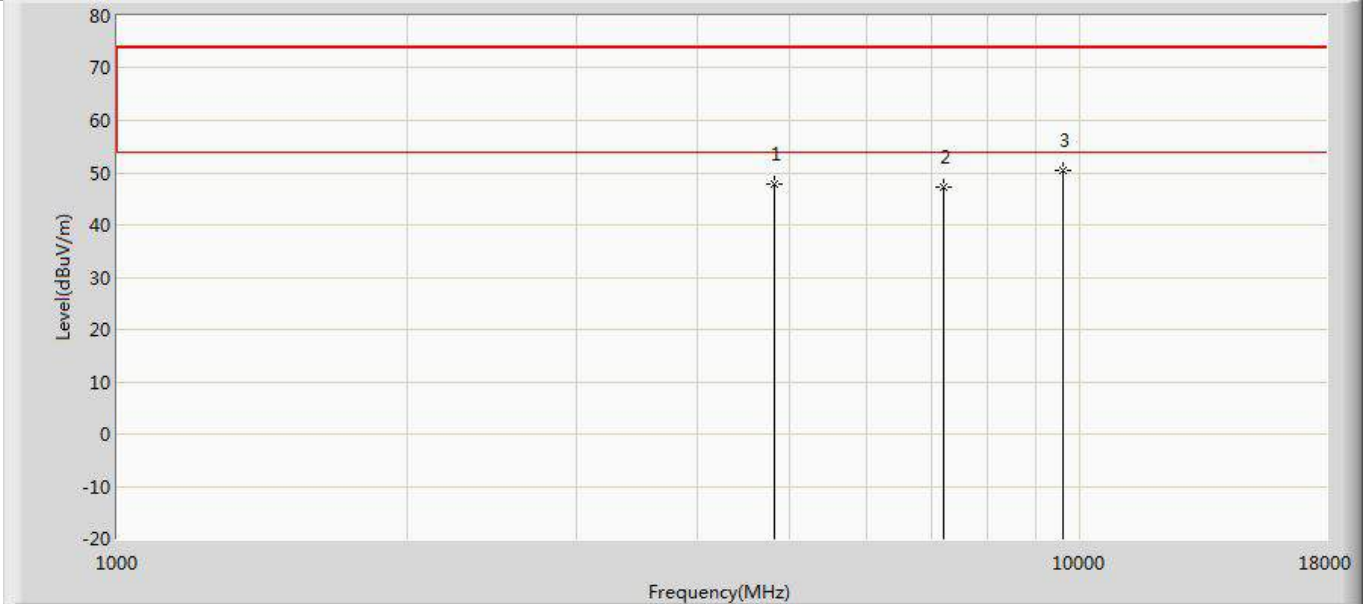
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	45.309	56.196	-28.691	74.000	-10.888	PK
2		7443.000	50.498	57.586	-23.502	74.000	-7.088	PK
3	*	9920.000	51.936	53.801	-22.064	74.000	-1.865	PK

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	



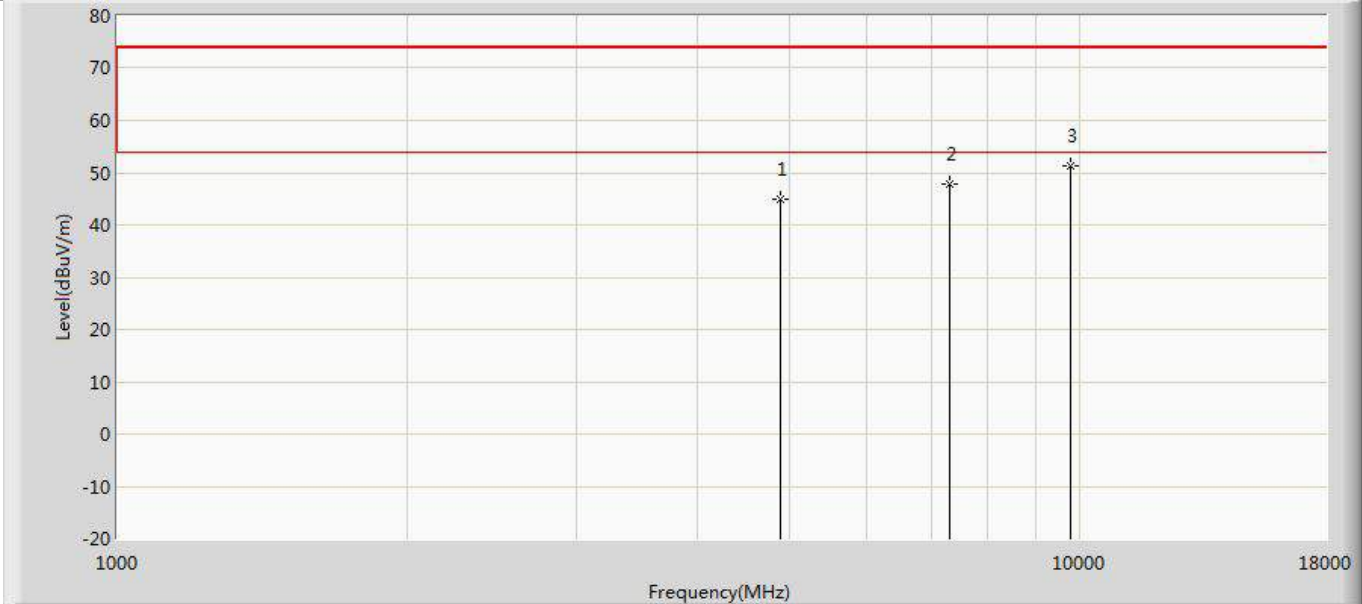
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4808.000	46.941	58.974	-27.059	74.000	-12.033	PK
2		7206.000	47.800	54.360	-26.200	74.000	-6.560	PK
3	*	9608.000	51.699	54.867	-22.301	74.000	-3.167	PK

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

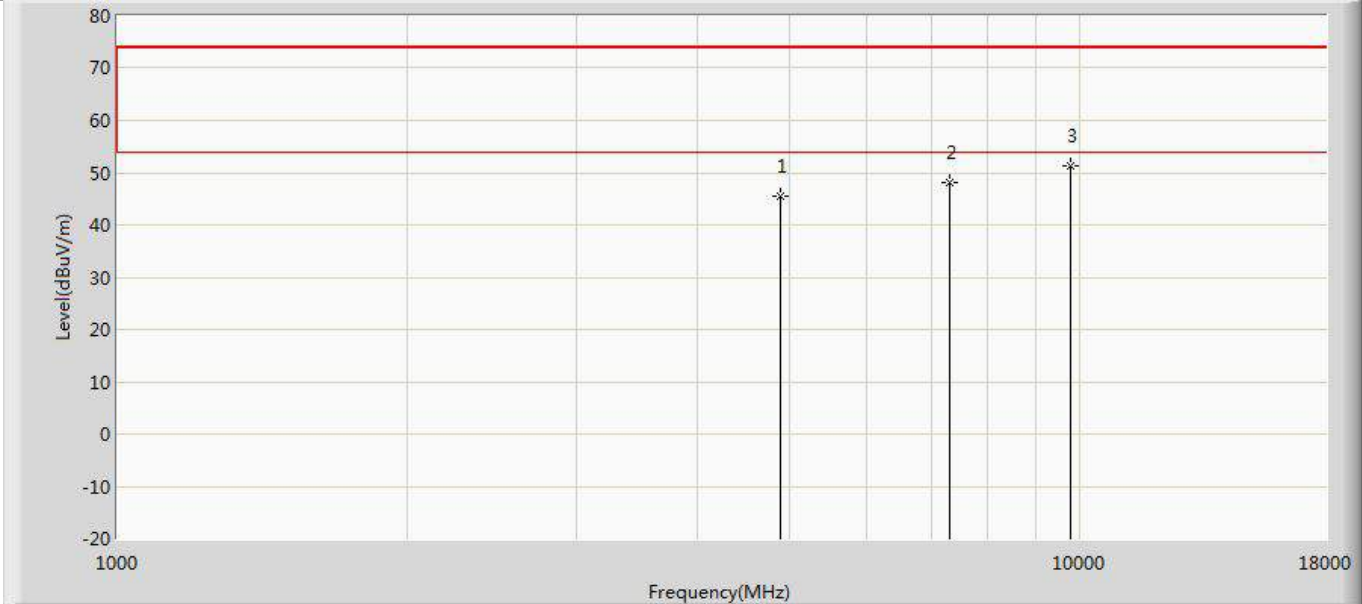
Profile: 24B1032R	Page No.: 51
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4: Transmit at 2440MHz by LE_Coded S=8	



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



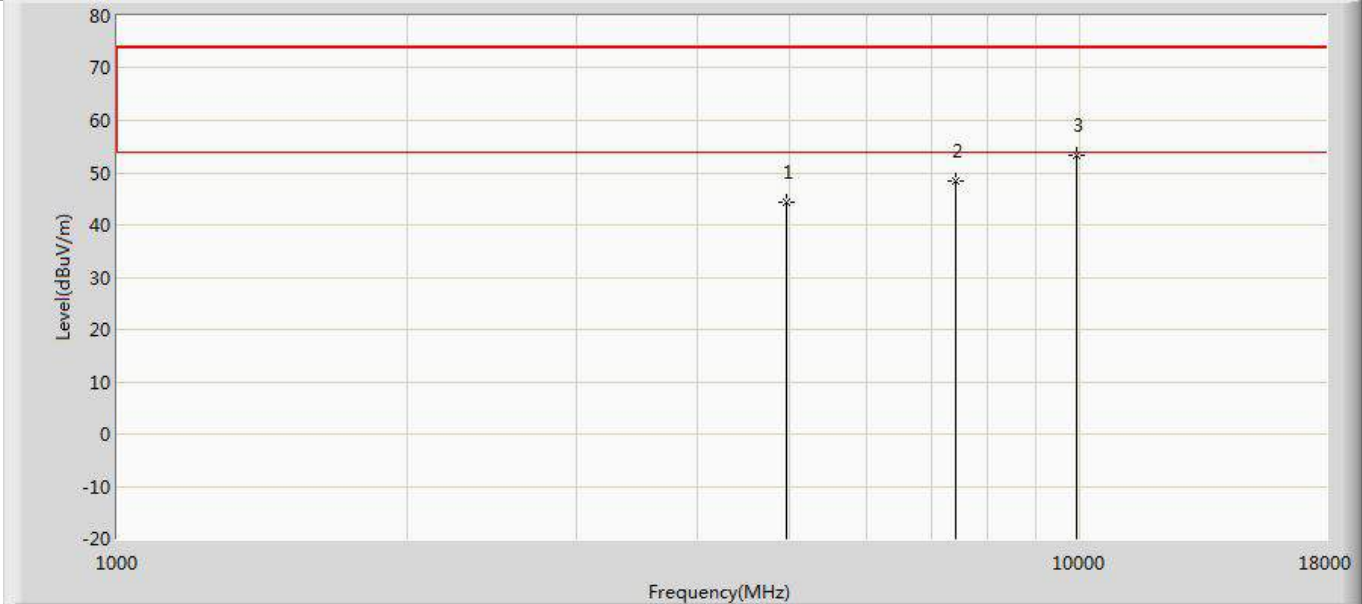
Profile: 24B1032R	Page No.: 52
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=8	



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

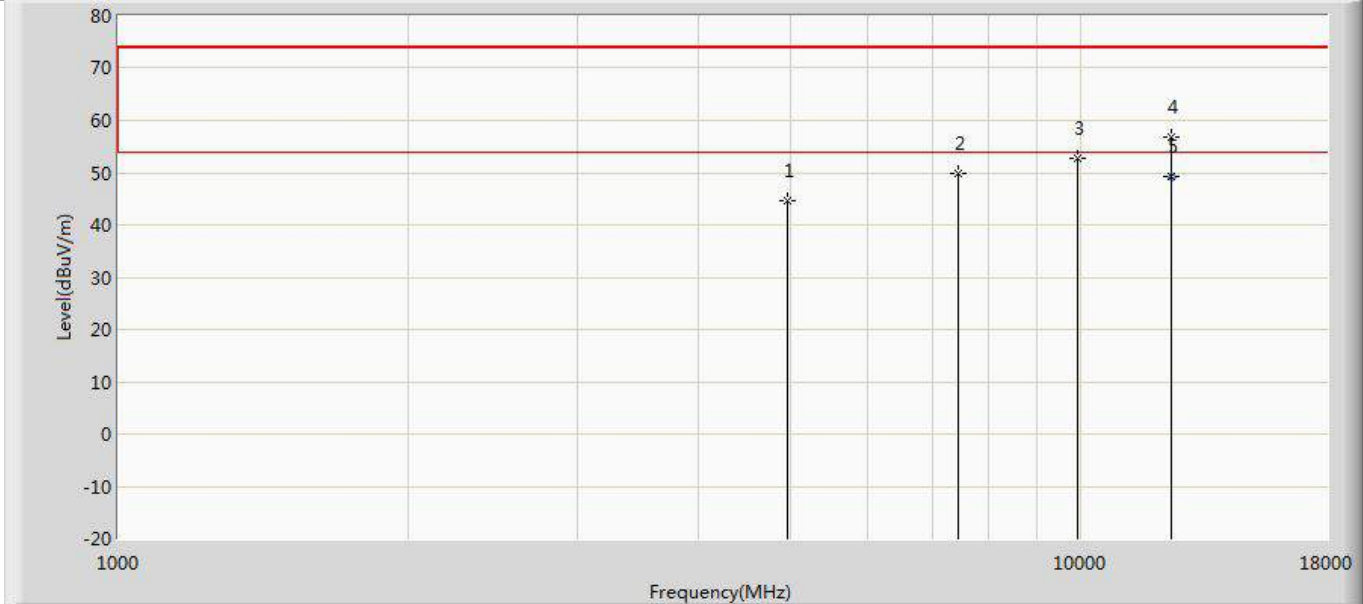


Profile: 24B1032R	Page No.: 53
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/19 - 13:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: LED Lamp	Power: 120Vac/60Hz
Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=8	



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	



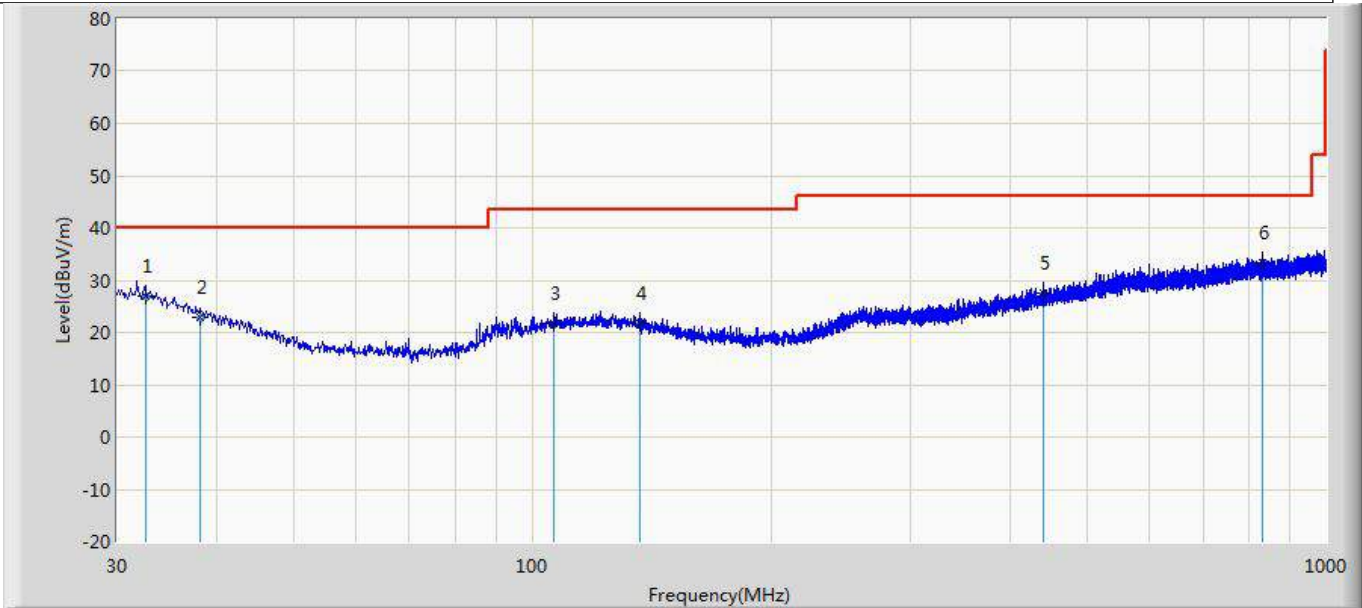
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.782	55.669	-29.218	74.000	-10.888	PK
2		7443.000	49.757	56.845	-24.243	74.000	-7.088	PK
3		9920.000	52.895	54.760	-21.105	74.000	-1.865	PK
4		12407.000	56.874	54.012	-17.126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

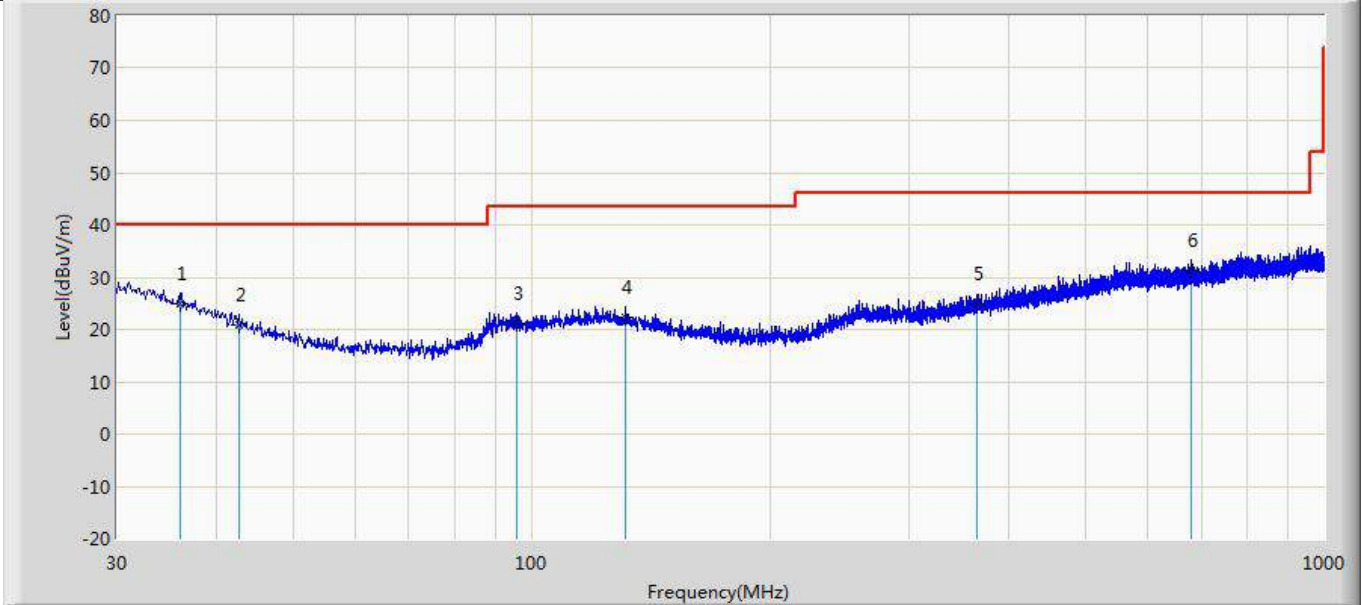
The worst case of Radiated Emission below 1GHz :

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

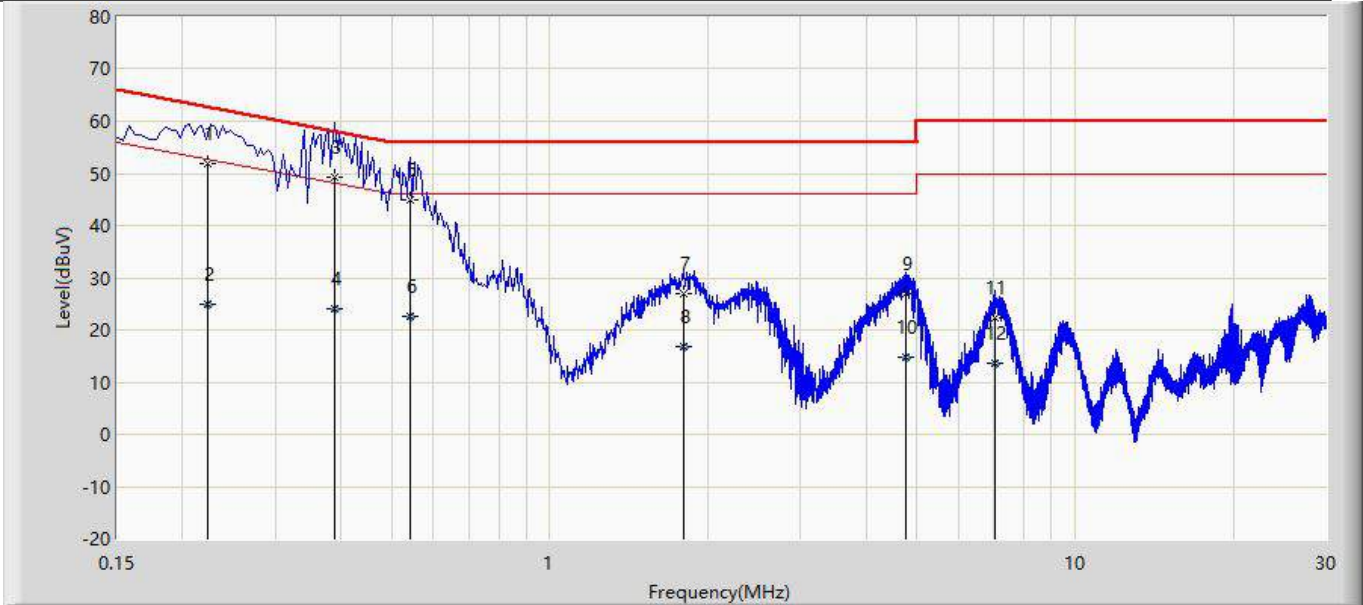
Note:

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

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

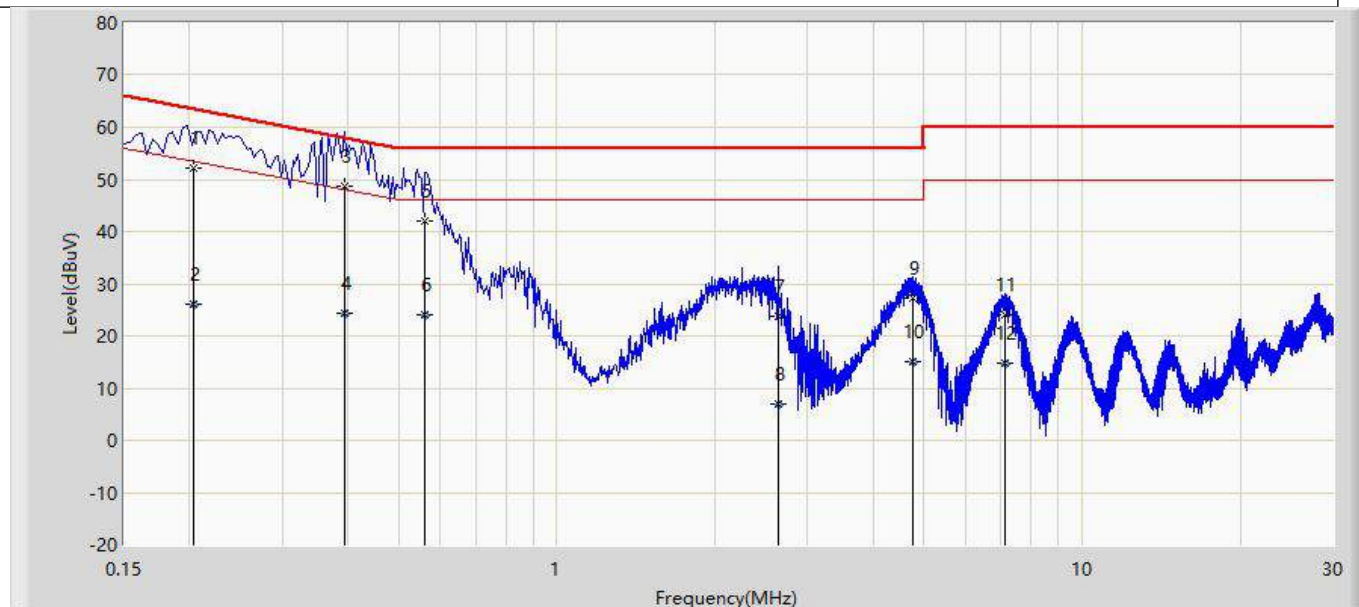
Appendix I: AC Power Line Conducted Emission

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