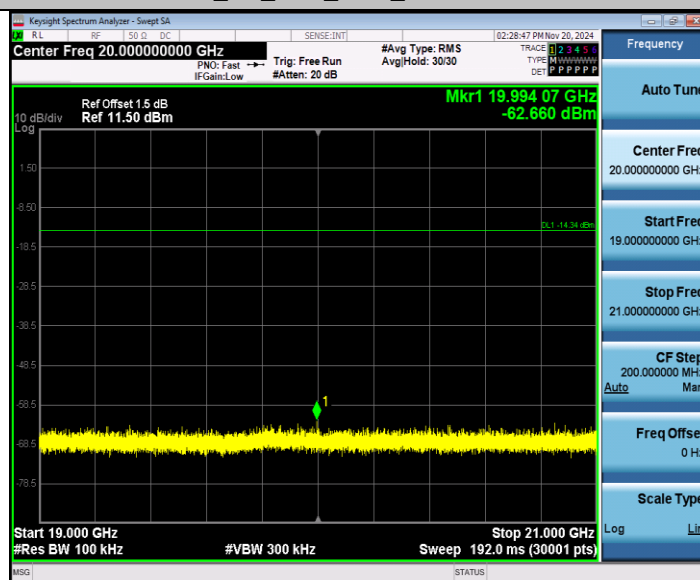
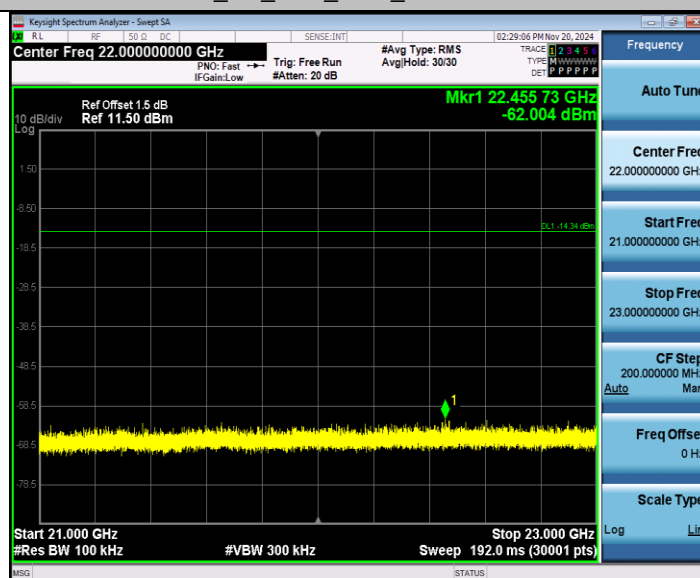




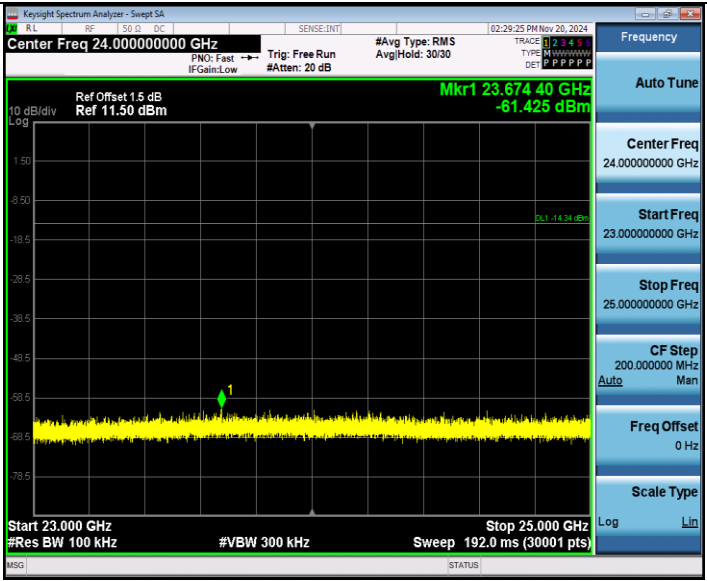
BLE_1M_Ant1_2480_19000~21000



BLE_1M_Ant1_2480_21000~23000



BLE_1M_Ant1_2480_23000~25000

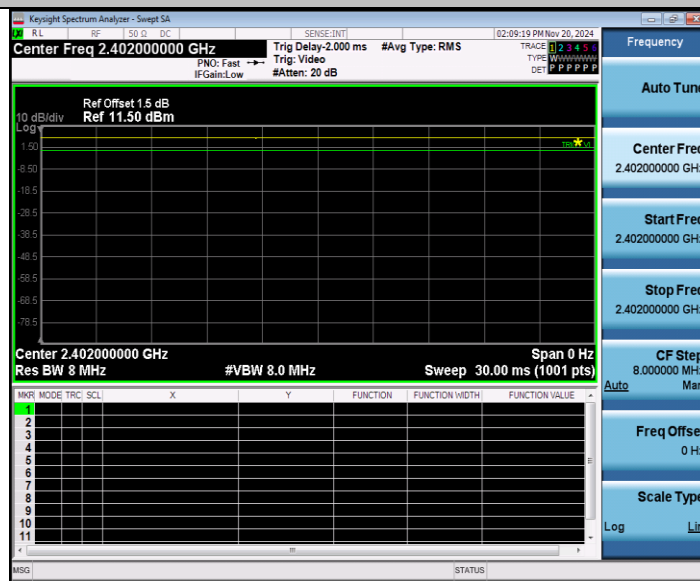


Appendix F: Duty Cycle

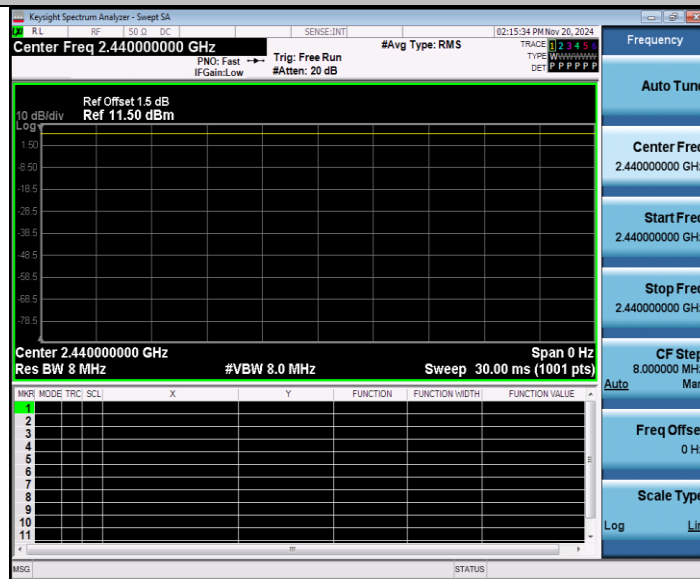
TestMode	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	2402	30.00	30.00	100.00	0.00
	2440	10.00	10.00	100.00	0.00
	2480	0.00	0.00	100.00	0.00

Test Graphs

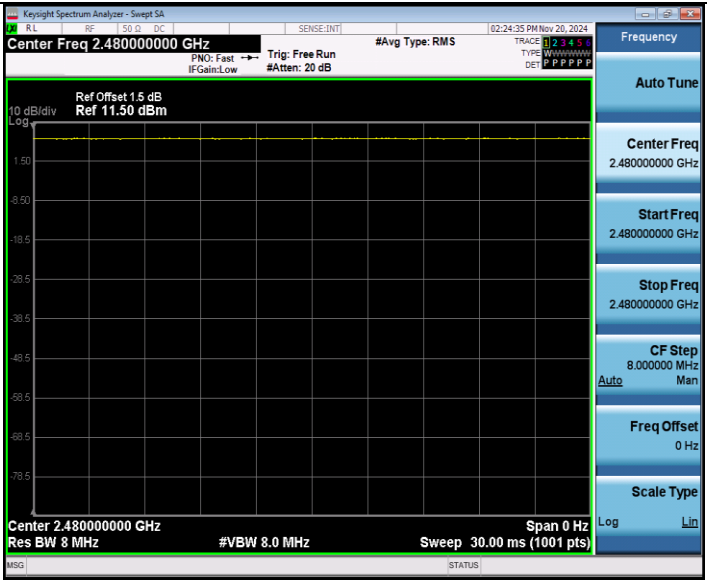
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

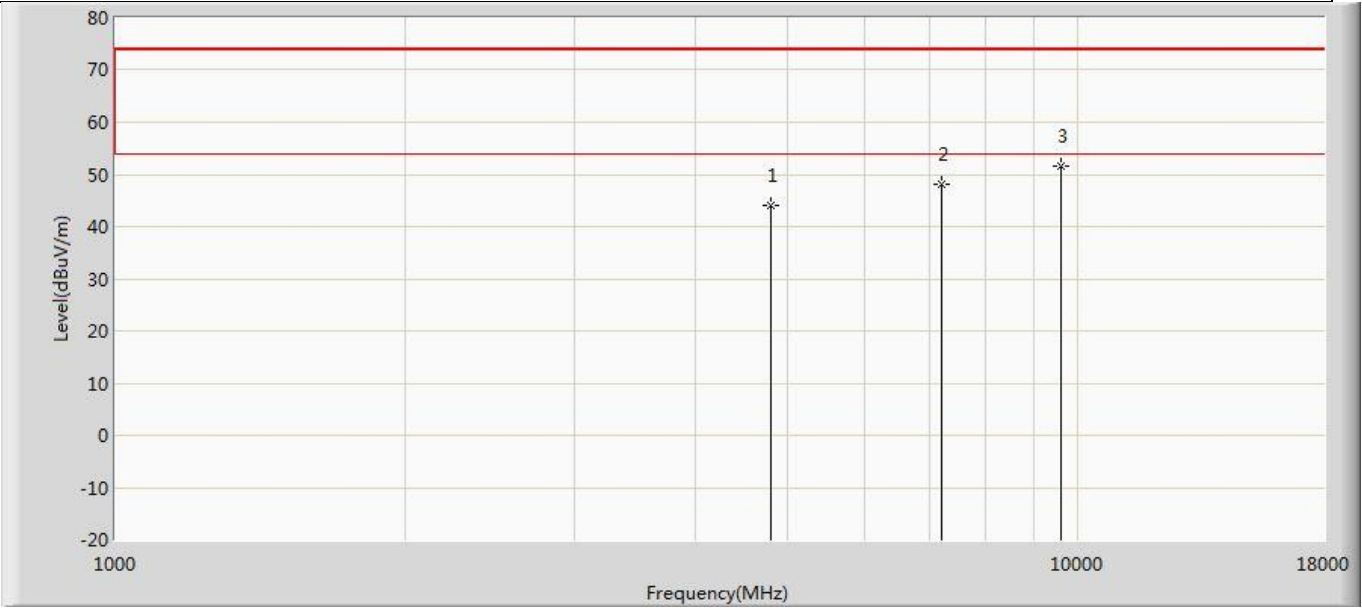


BLE_1M_Ant1_2480



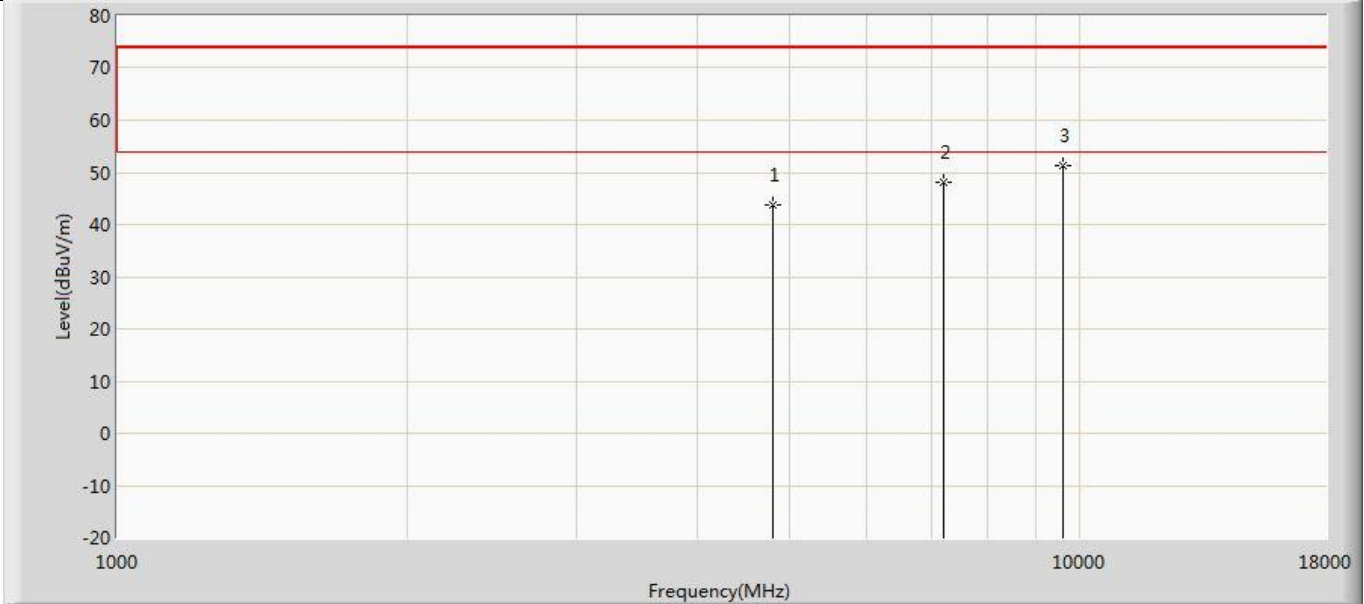
Appendix G: Emissions in Restricted Bands

Profile: 24B0486R	Page No.: 7
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/01 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



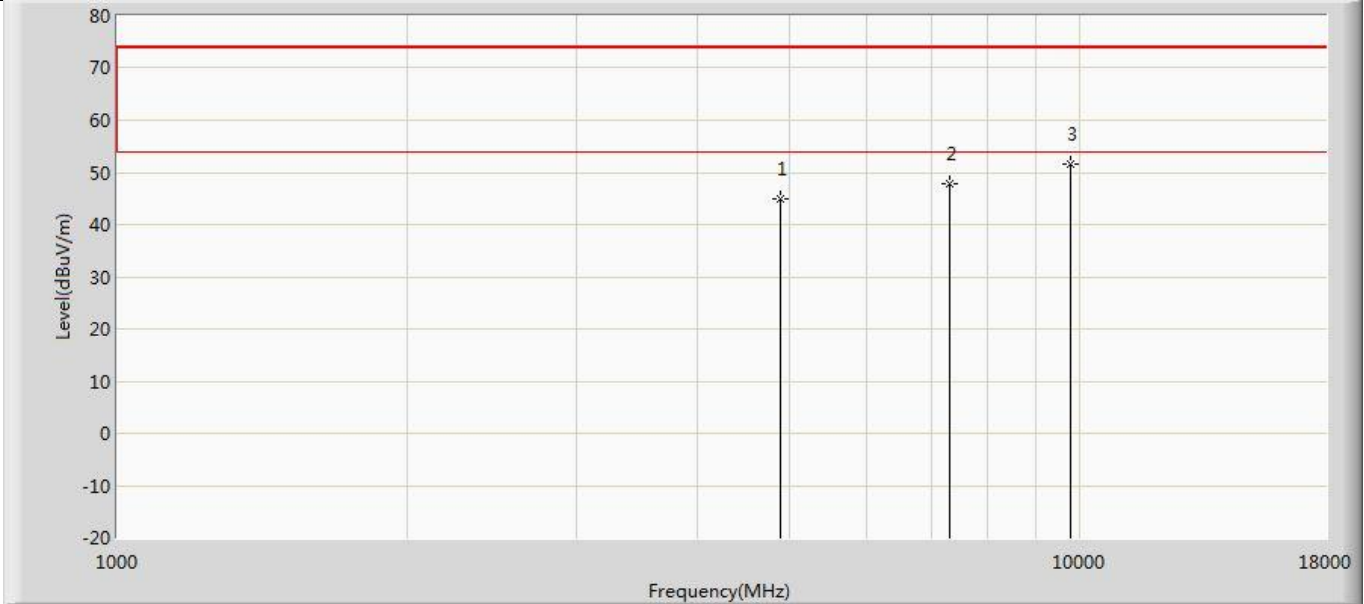
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	43.978	56.033	-30.022	74.000	-12.055	PK
2		7206.000	48.251	54.811	-25.749	74.000	-6.560	PK
3	*	9608.000	51.462	54.630	-22.538	74.000	-3.167	PK

Profile: 24B0486R	Page No.: 8
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/01 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



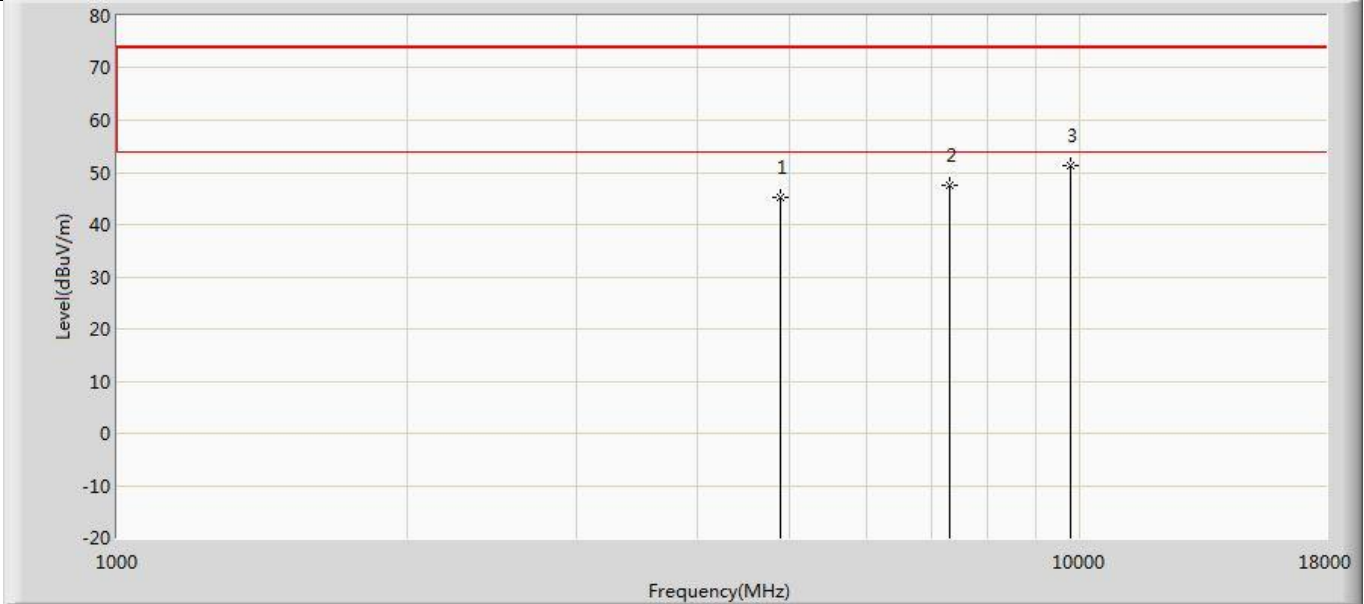
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	43.726	55.781	-30.274	74.000	-12.055	PK
2		7206.000	48.108	54.668	-25.892	74.000	-6.560	PK
3	*	9608.000	51.426	54.594	-22.574	74.000	-3.167	PK

Profile: 24B0486R	Page No.: 9
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/01 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
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	44.783	55.560	-29.217	74.000	-10.777	PK
2		7320.000	47.835	55.126	-26.165	74.000	-7.291	PK
3	*	9760.000	51.599	54.466	-22.401	74.000	-2.867	PK

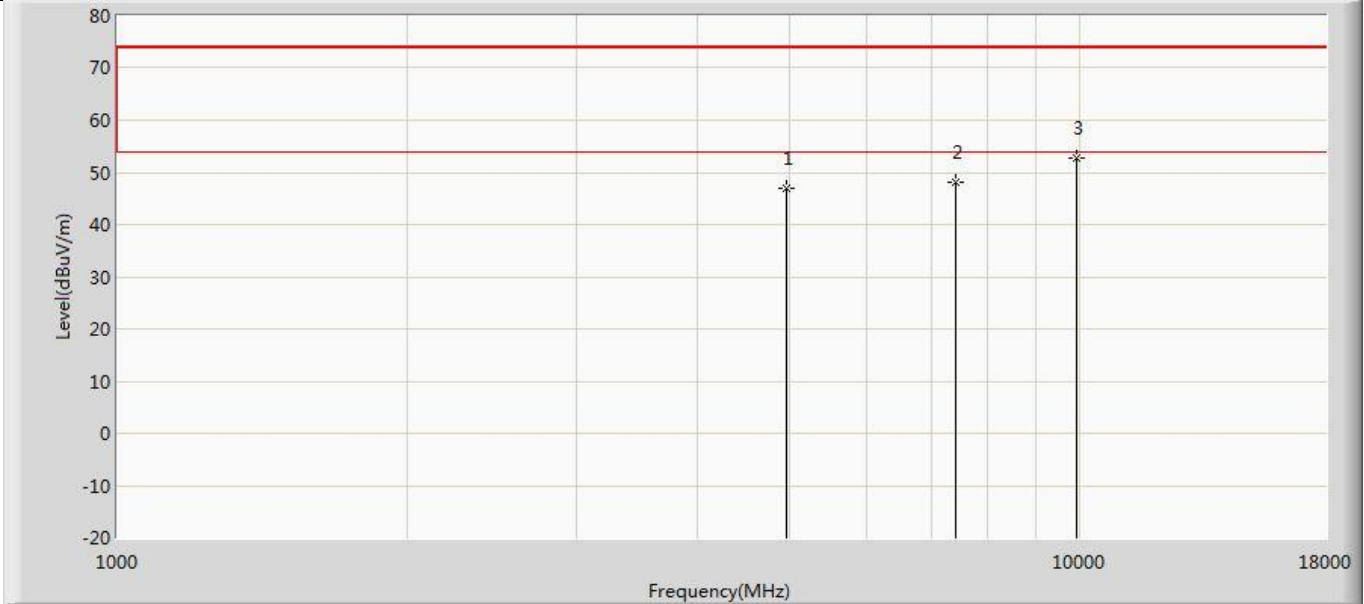
Profile: 24B0486R	Page No.: 10
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/01 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055 (1-18GHz)	Polarity: Vertical
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	45.360	56.137	-28.640	74.000	-10.777	PK
2		7320.000	47.392	54.683	-26.608	74.000	-7.291	PK
3	*	9760.000	51.360	54.227	-22.640	74.000	-2.867	PK

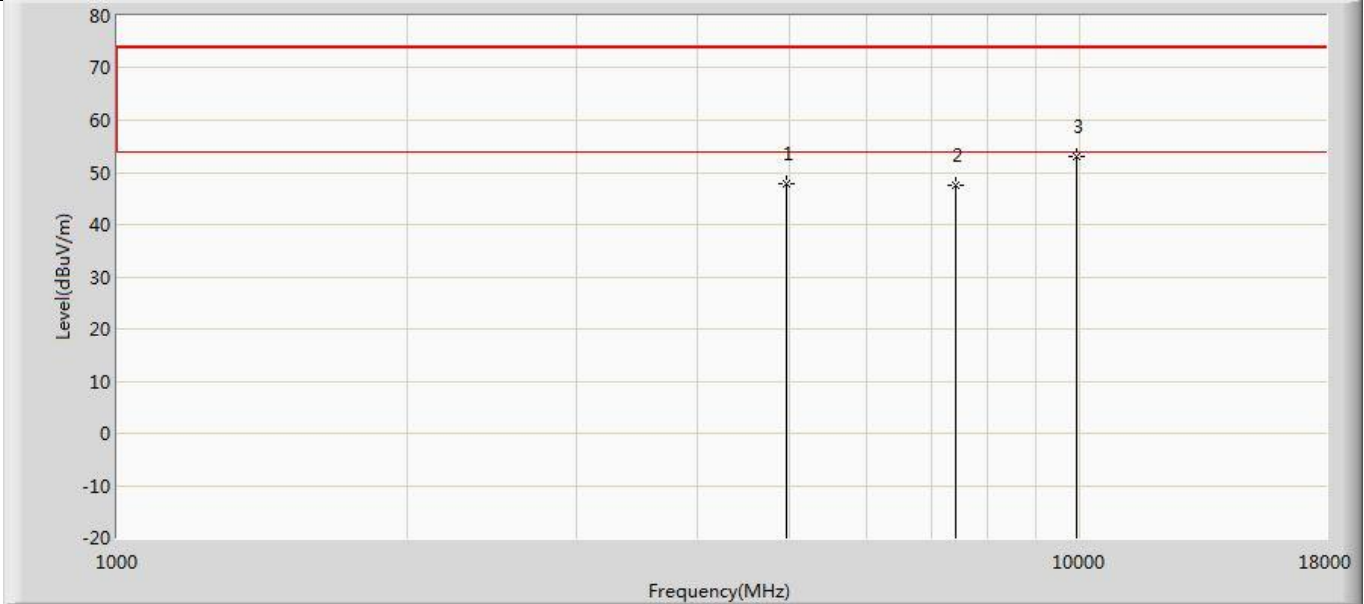


Profile: 24B0486R	Page No.: 11
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/01 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Horizontal
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4961.000	47.022	57.874	-26.978	74.000	-10.852	PK
2		7440.000	48.237	55.347	-25.763	74.000	-7.110	PK
3	*	9920.000	52.877	54.742	-21.123	74.000	-1.865	PK

Profile: 24B0486R	Page No.: 12
Engineer: Yu Liu	
Site: AC5	Time: 2024/12/01 - 19:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055_(1-18GHz)	Polarity: Vertical
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	

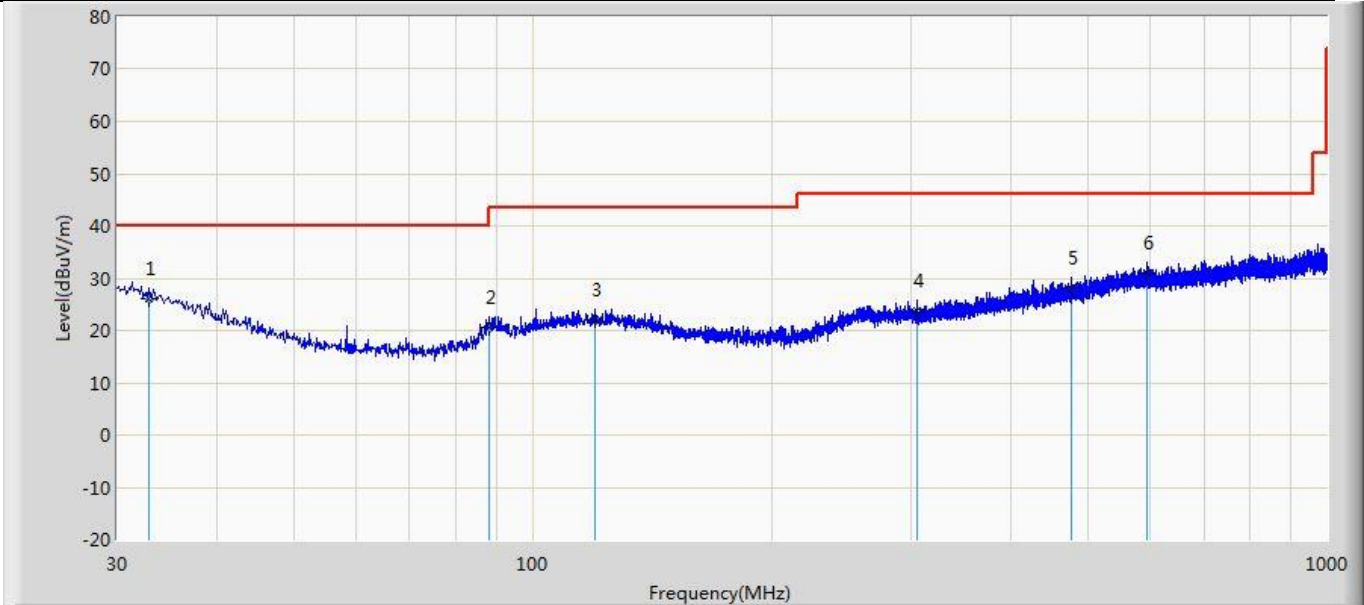


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4961.000	47.892	58.744	-26.108	74.000	-10.852	PK
2		7440.000	47.582	54.692	-26.418	74.000	-7.110	PK
3	*	9920.000	53.085	54.950	-20.915	74.000	-1.865	PK

- 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.

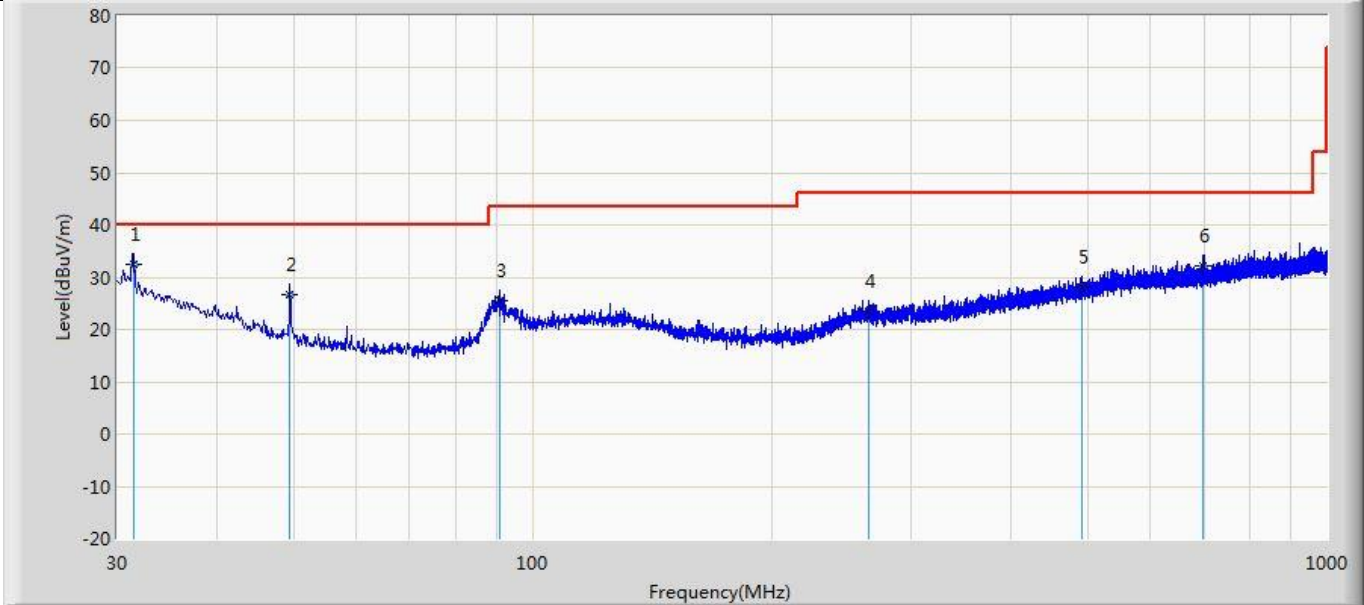
The worst case of Radiated Emission below 1GHz :

Profile: 24B0486R	Page No.: 1
Engineer: Yu Liu	
Site: AC2	Time: 2024/11/23 - 19:29
Limit: FCC_Part 15.109_RE (3m)_Class B	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
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	*	32.910	26.005	2.457	-13.995	40.000	23.548	QP
2		88.200	20.500	5.027	-23.000	43.500	15.473	QP
3		119.725	22.002	2.669	-21.498	43.500	19.333	QP
4		305.480	23.891	2.896	-22.109	46.000	20.995	QP
5		477.170	28.181	3.016	-17.819	46.000	25.165	QP
6		594.055	30.904	3.748	-15.096	46.000	27.156	QP

Profile: 24B0486R	Page No.: 2
Engineer: Yu Liu	
Site: AC2	Time: 2024/11/23 - 19:29
Limit: FCC_Part 15.109_RE (3m)_Class B	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: Wi-Fi and Bluetooth Module	Power: 3.3 Vdc
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	*	31.455	32.544	8.345	-7.456	40.000	24.199	QP
2		49.521	26.741	11.652	-13.259	40.000	15.089	QP
3		90.868	25.406	9.320	-18.094	43.500	16.087	QP
4		264.497	23.515	2.888	-22.485	46.000	20.627	QP
5		492.084	28.159	2.703	-17.841	46.000	25.456	QP
6		698.209	32.314	4.576	-13.686	46.000	27.739	QP

Note:

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

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

The End