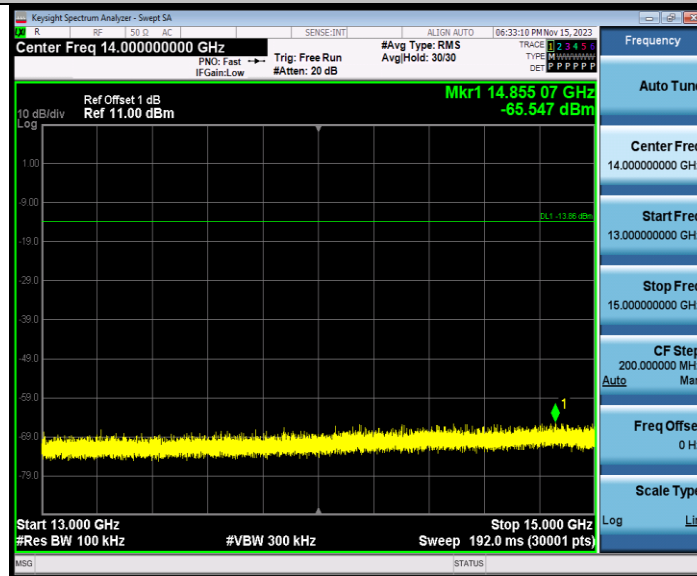
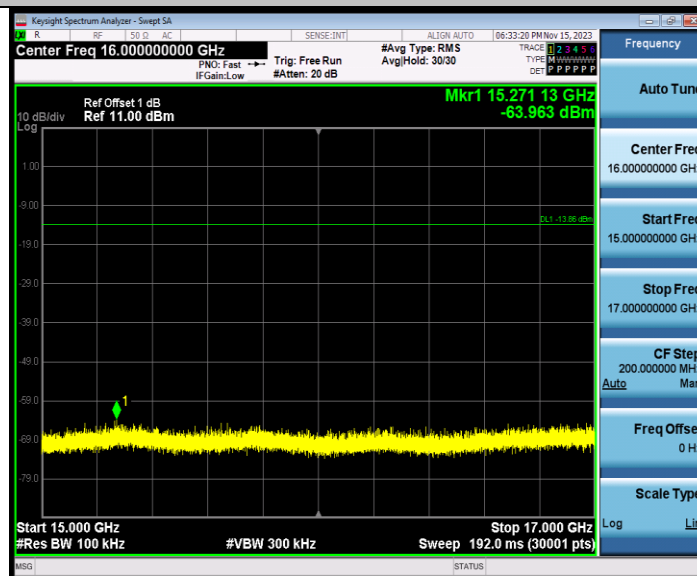


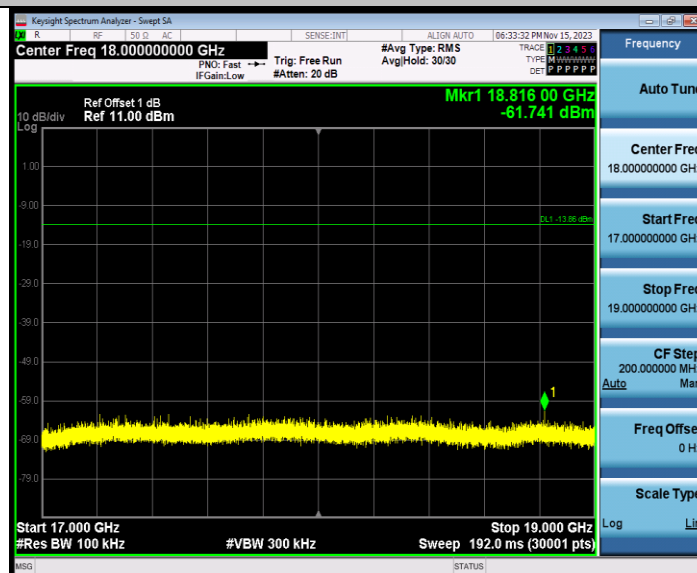
BLE_500K_Ant1_2480_13000~15000



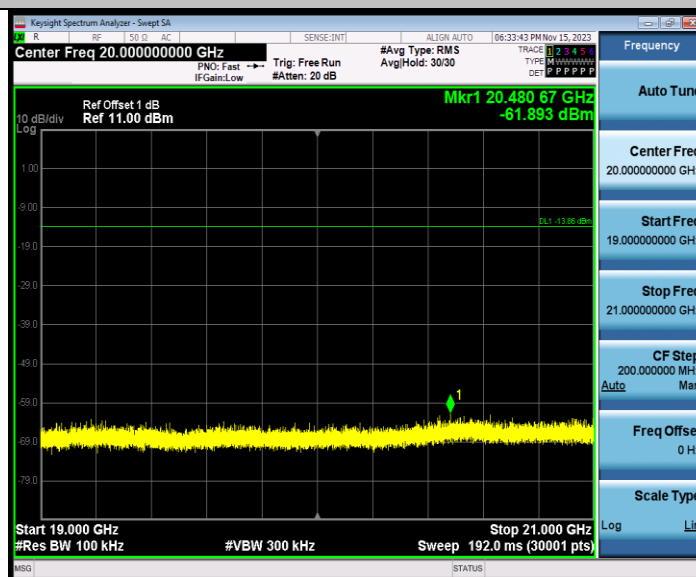
BLE_500K_Ant1_2480_15000~17000



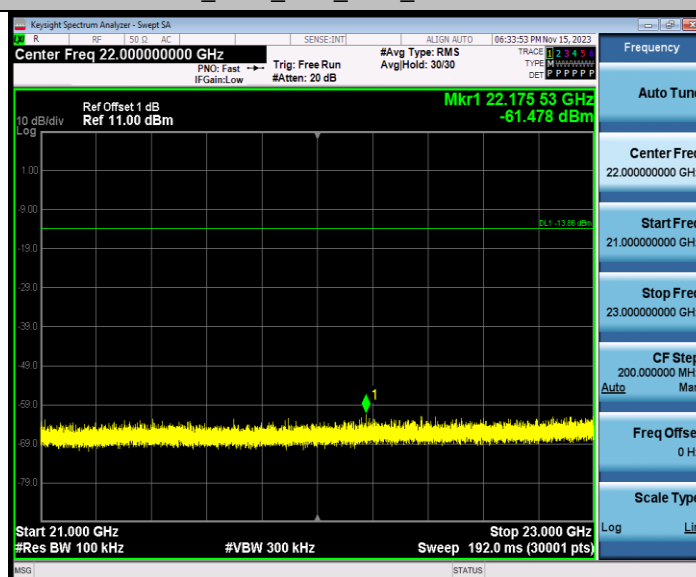
BLE_500K_Ant1_2480_17000~19000



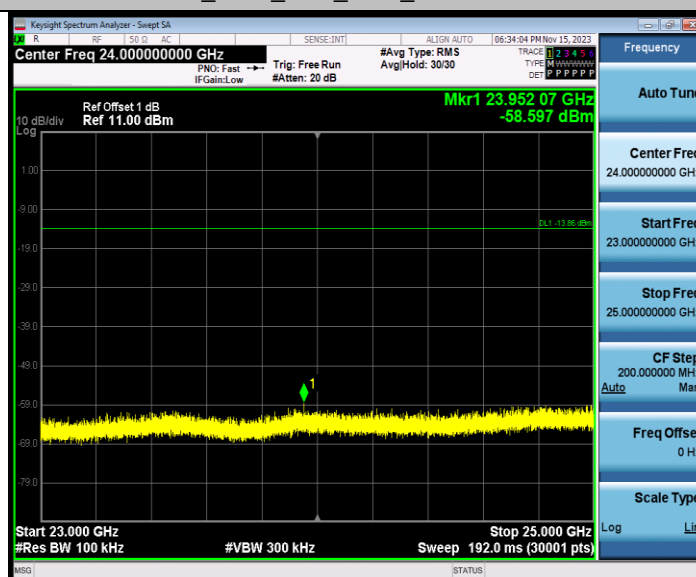
BLE_500K_Ant1_2480_19000~21000



BLE_500K_Ant1_2480_21000~23000



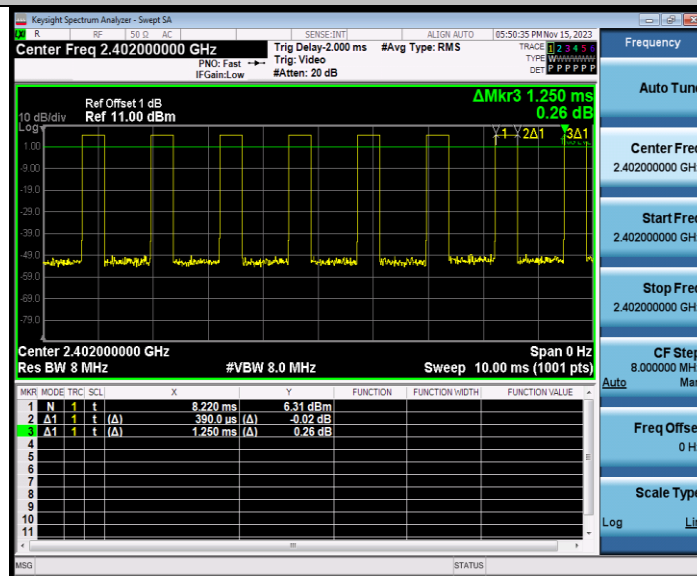
BLE_500K_Ant1_2480_23000~25000



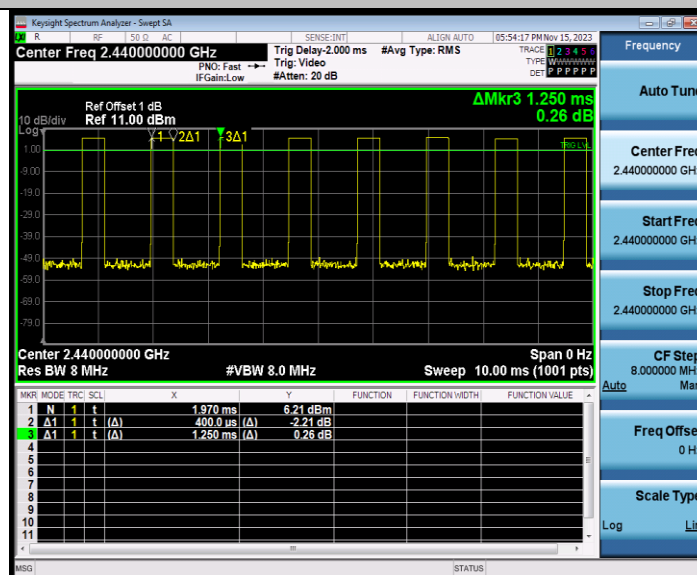
Appendix F: Duty Cycle

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.39	1.25	31.20	5.06
		2440	0.40	1.25	32.00	4.95
		2480	0.40	1.25	32.00	4.95
BLE_2M	Ant1	2402	0.20	0.62	32.26	4.91
		2440	0.20	0.62	32.26	4.91
		2480	0.20	0.62	32.26	4.91
BLE_125K	Ant1	2402	3.22	3.75	85.87	0.66
		2440	3.22	3.75	85.87	0.66
		2480	3.22	3.75	85.87	0.66
BLE_500K	Ant1	2402	1.09	1.88	57.98	2.37
		2440	1.09	1.88	57.98	2.37
		2480	1.09	1.88	57.98	2.37

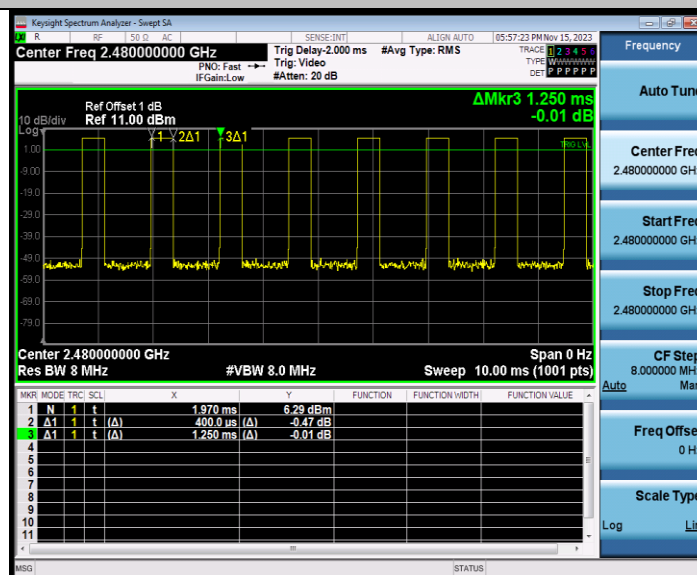
BLE_1M_Ant1_2402



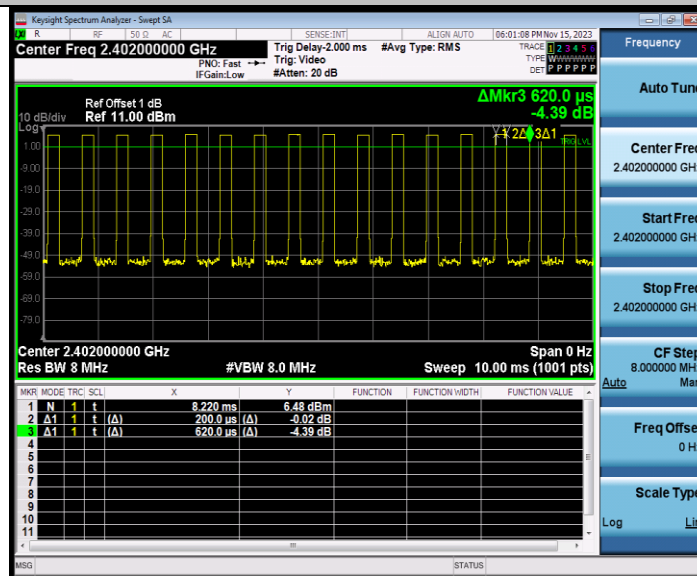
BLE_1M_Ant1_2440



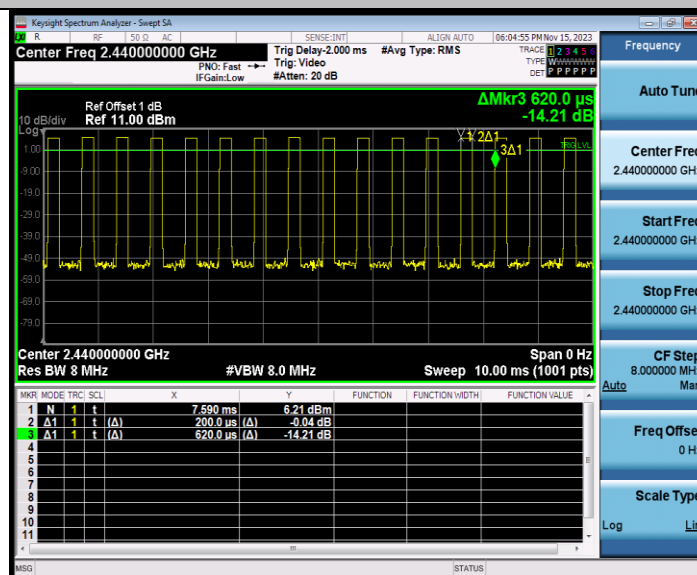
BLE_1M_Ant1_2480



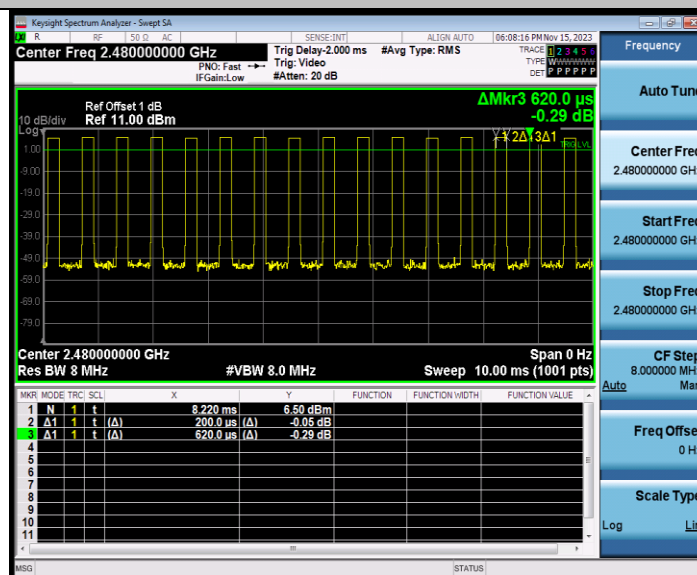
BLE_2M_Ant1_2402



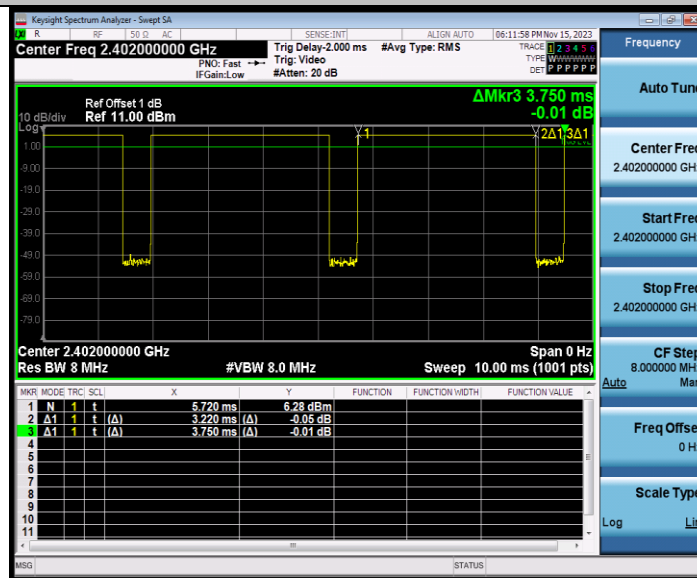
BLE_2M_Ant1_2440



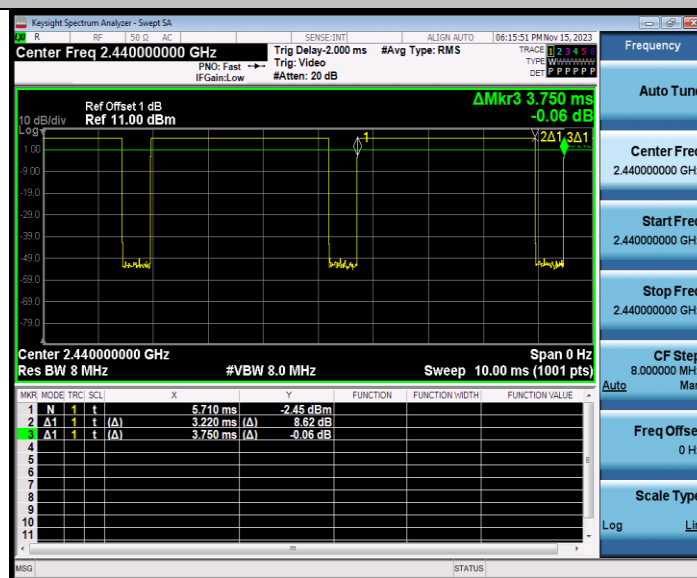
BLE_2M_Ant1_2480



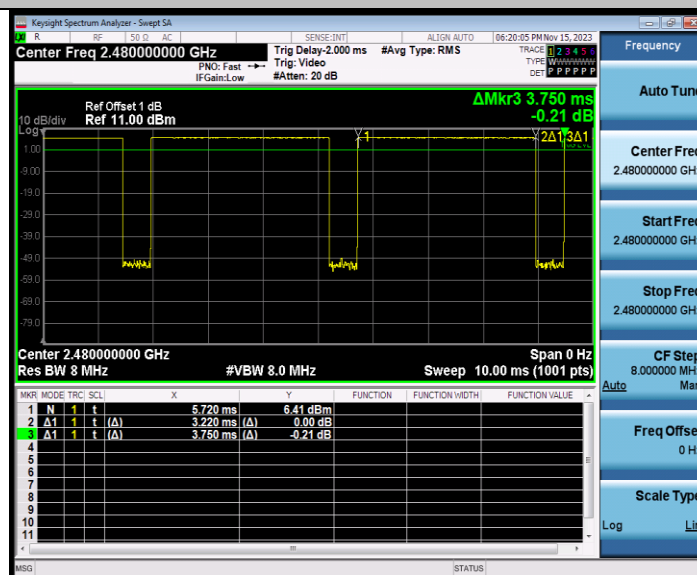
BLE_125K_Ant1_2402



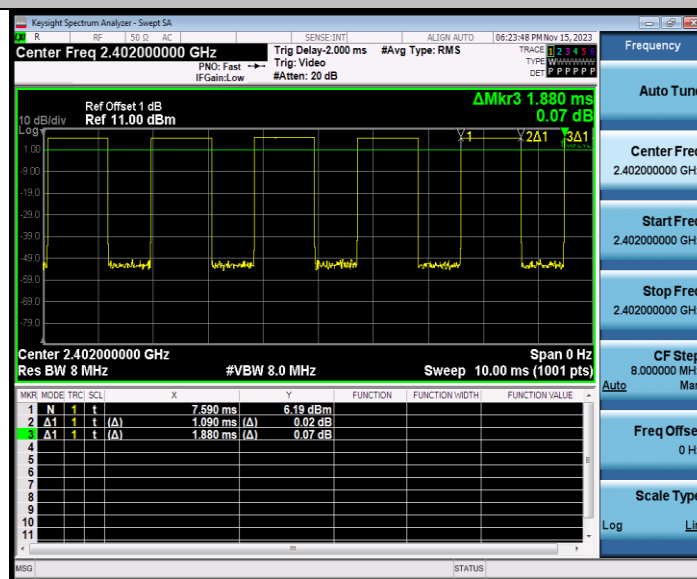
BLE_125K_Ant1_2440



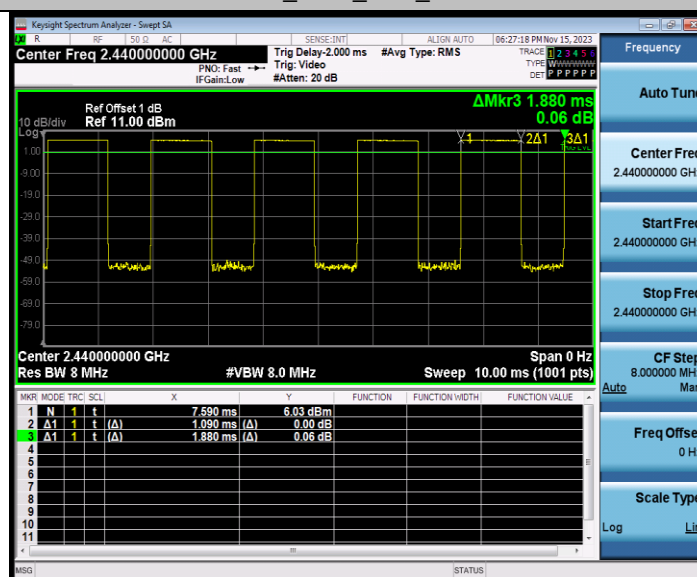
BLE_125K_Ant1_2480



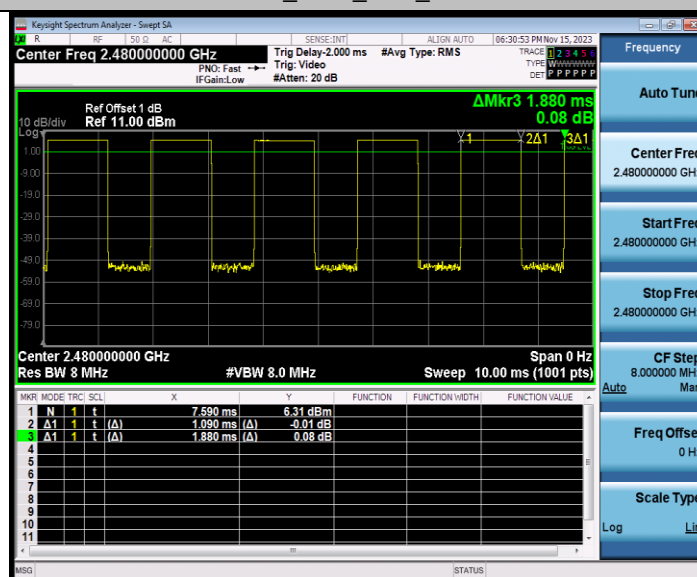
BLE_500K_Ant1_2402



BLE_500K_Ant1_2440

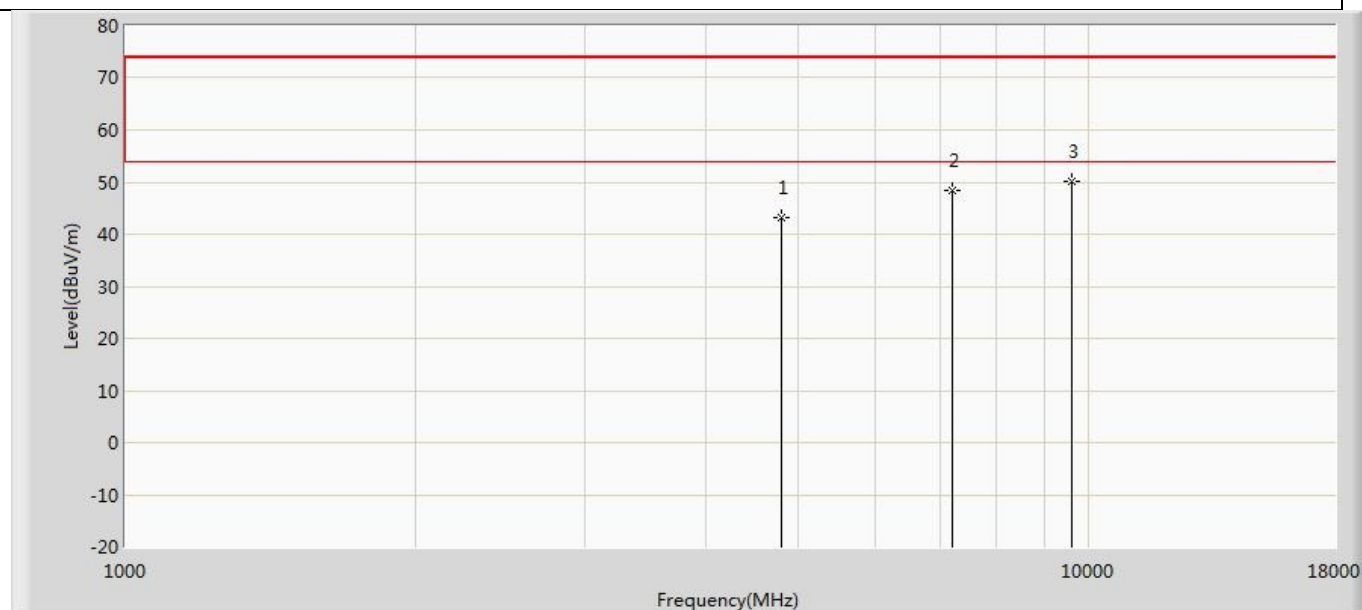


BLE_500K_Ant1_2480



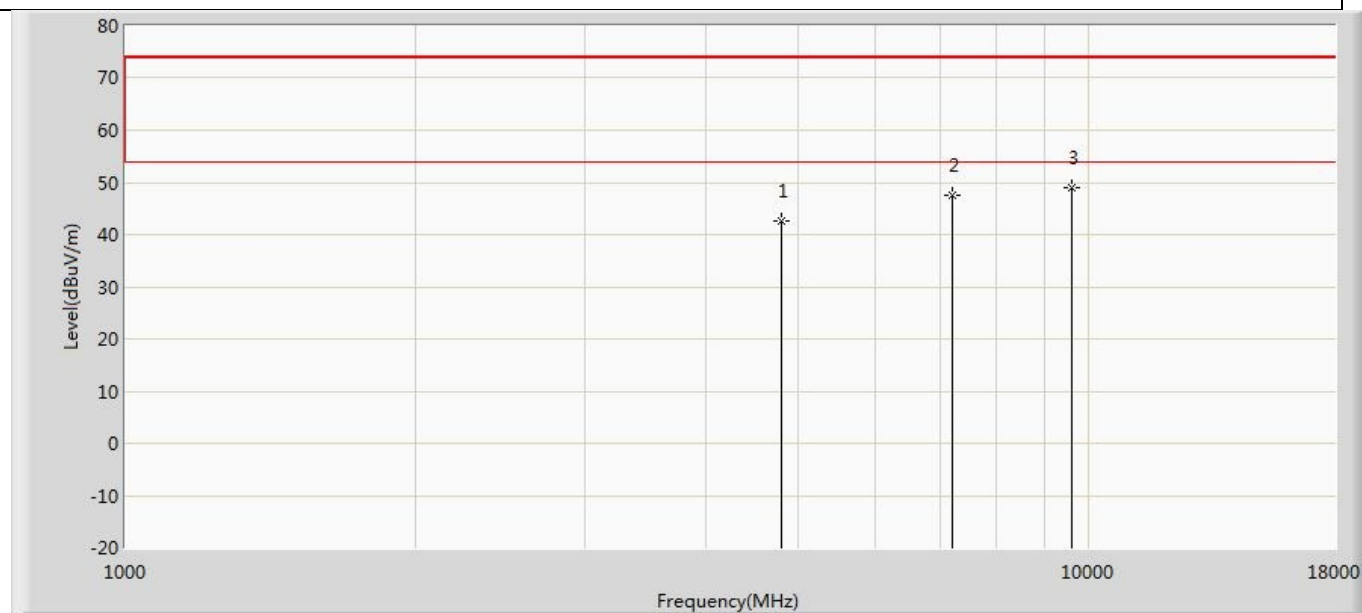
Appendix G: Emissions in Restricted Bands

Profile: 23A0637R	Page No.: 25
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



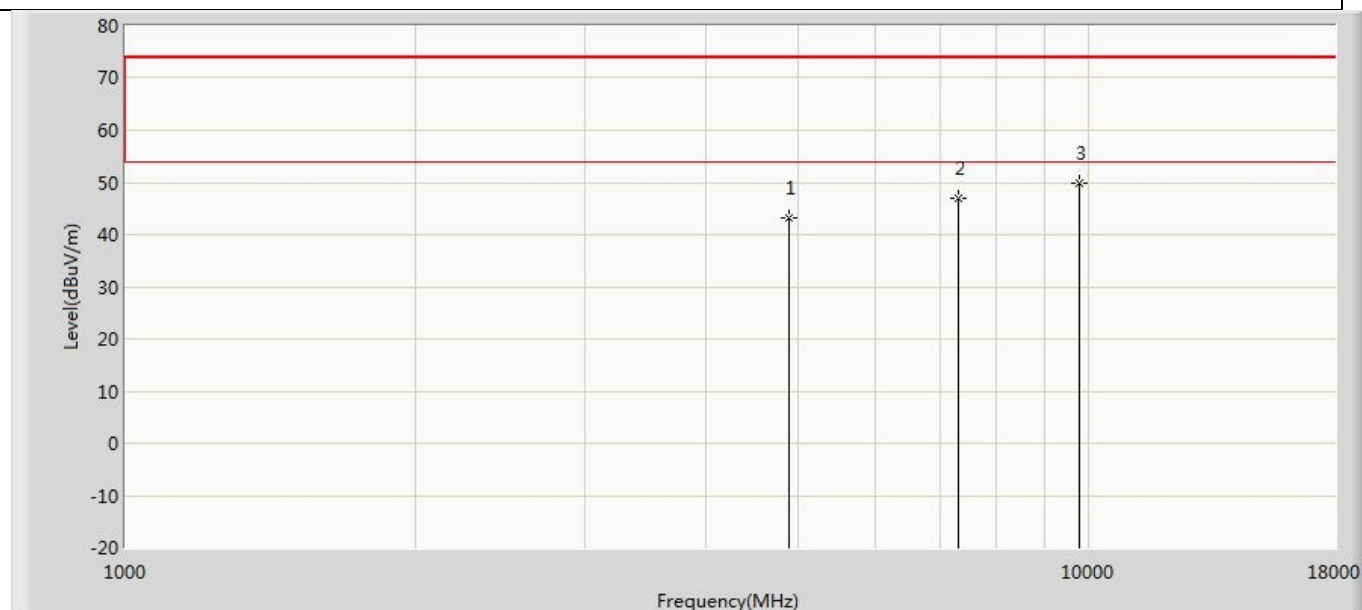
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	43.253	55.141	-30.747	74.000	-11.888	PK
2		7206.000	48.356	54.522	-25.644	74.000	-6.166	PK
3	*	9608.000	50.149	53.372	-23.851	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 26
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2402MHz by LE_1Mbps	



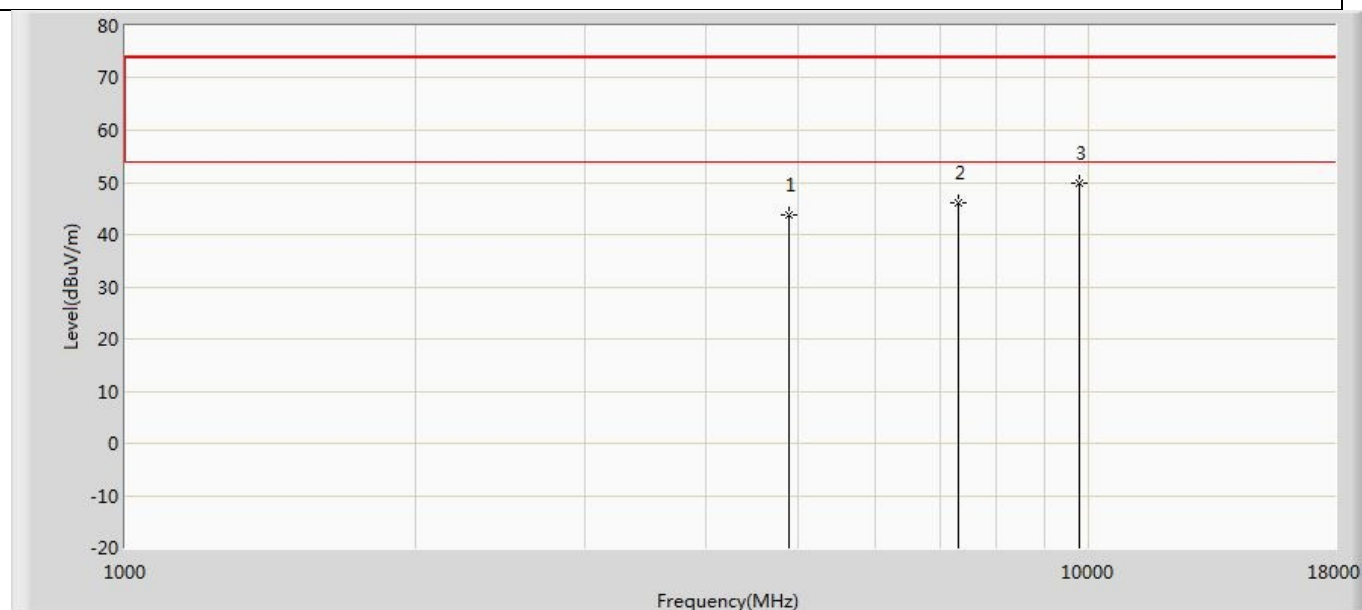
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.659	54.547	-31.341	74.000	-11.888	PK
2		7206.000	47.668	53.834	-26.332	74.000	-6.166	PK
3	*	9608.000	49.000	52.223	-25.000	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 27
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



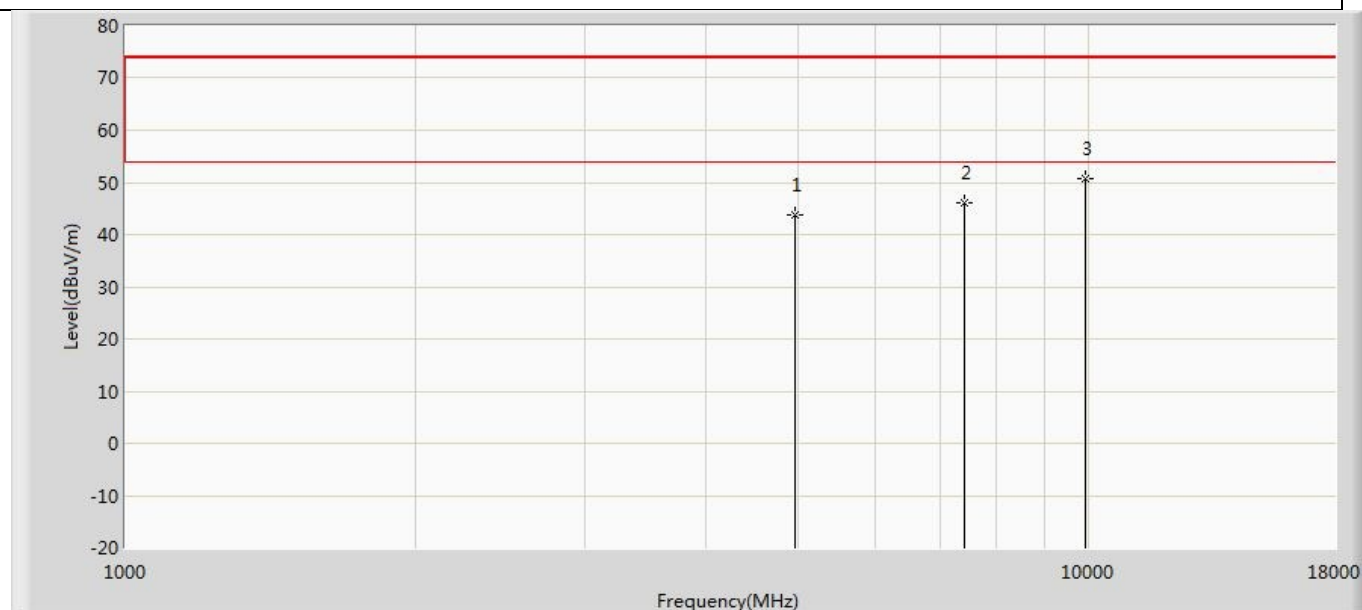
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.176	53.780	-30.824	74.000	-10.603	PK
2		7320.000	46.884	53.811	-27.116	74.000	-6.927	PK
3	*	9760.000	49.825	52.698	-24.175	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 28
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2440MHz by LE_1Mbps	



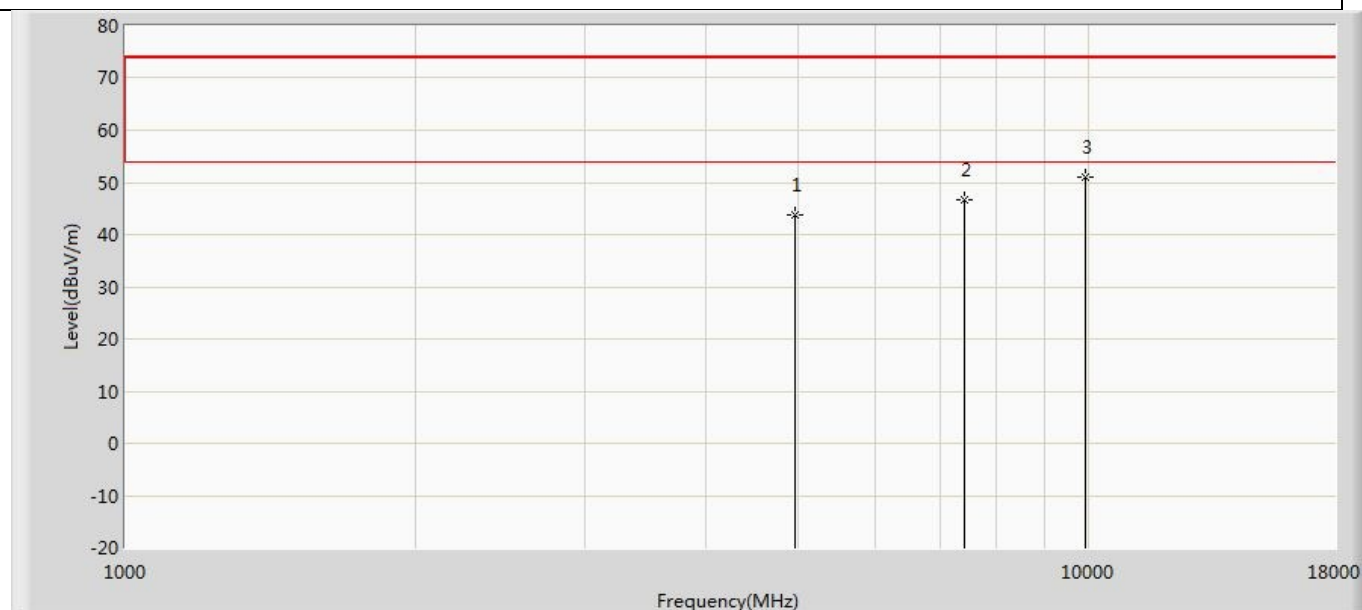
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.796	54.400	-30.204	74.000	-10.603	PK
2		7320.000	46.140	53.067	-27.860	74.000	-6.927	PK
3	*	9760.000	49.991	52.864	-24.009	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 29
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



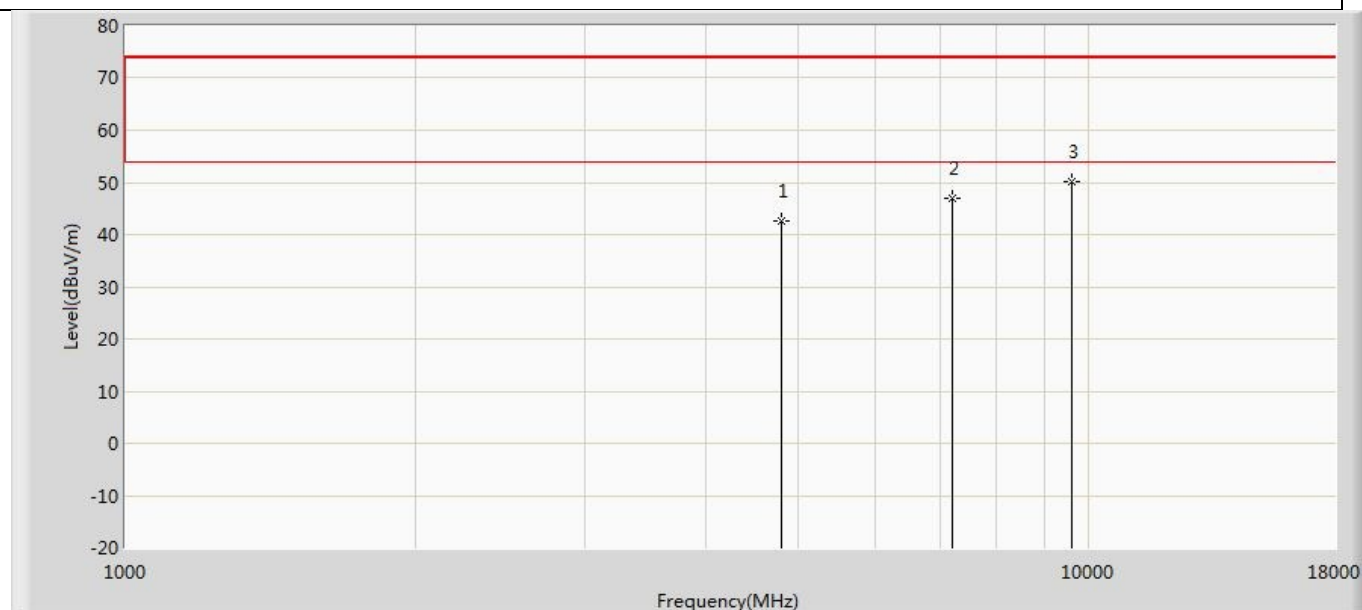
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.777	54.483	-30.223	74.000	-10.707	PK
2		7440.000	45.960	52.739	-28.040	74.000	-6.779	PK
3	*	9920.000	50.684	52.506	-23.316	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 30
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2480MHz by LE_1Mbps	



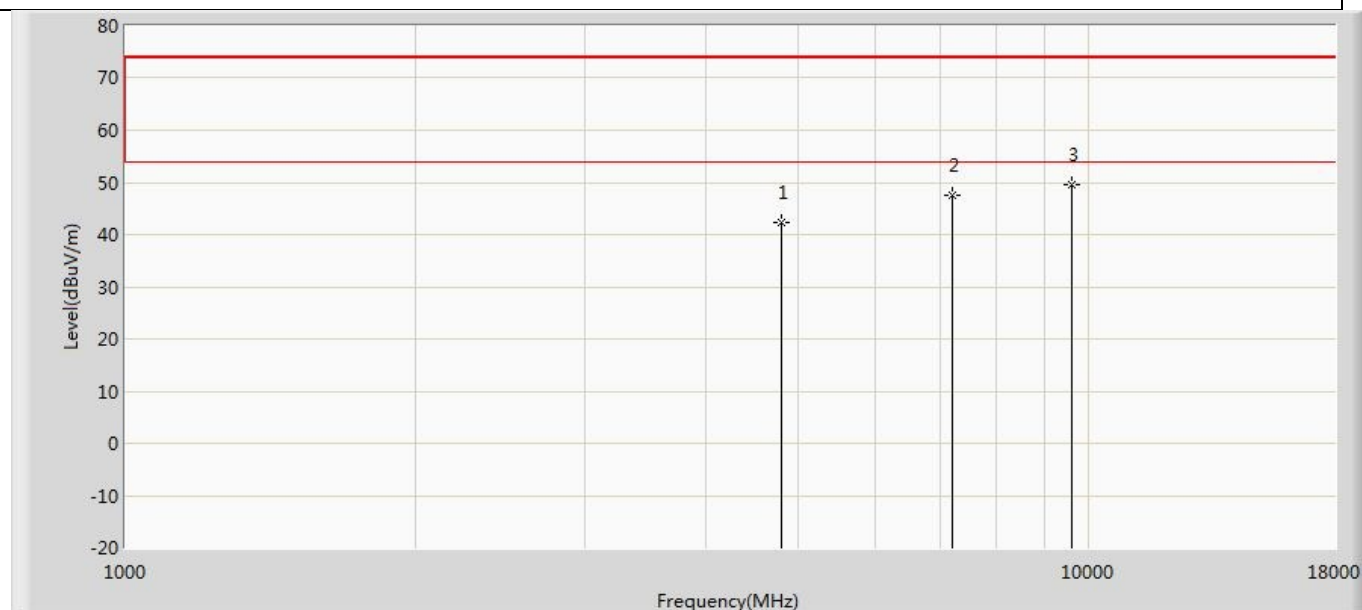
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.890	54.596	-30.110	74.000	-10.707	PK
2		7440.000	46.602	53.381	-27.398	74.000	-6.779	PK
3	*	9920.000	50.982	52.804	-23.018	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 31
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps	



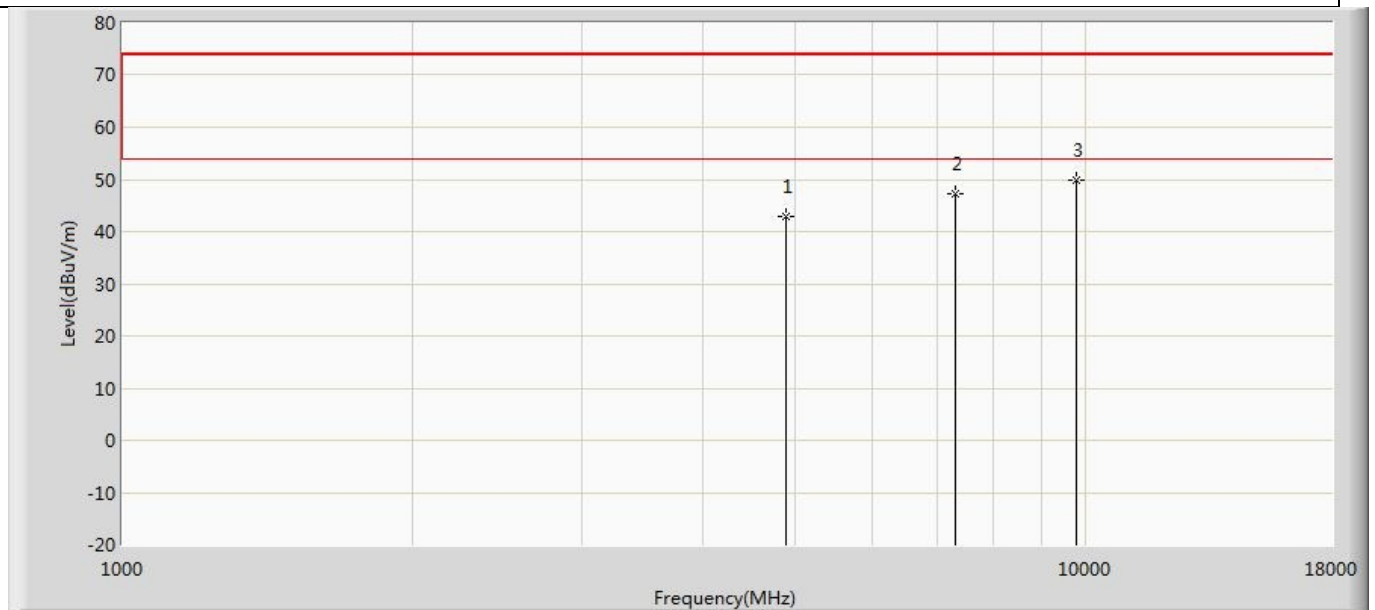
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.484	54.372	-31.516	74.000	-11.888	PK
2		7206.000	46.943	53.109	-27.057	74.000	-6.166	PK
3	*	9608.000	50.071	53.294	-23.929	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 32
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2402MHz by LE_2Mbps	



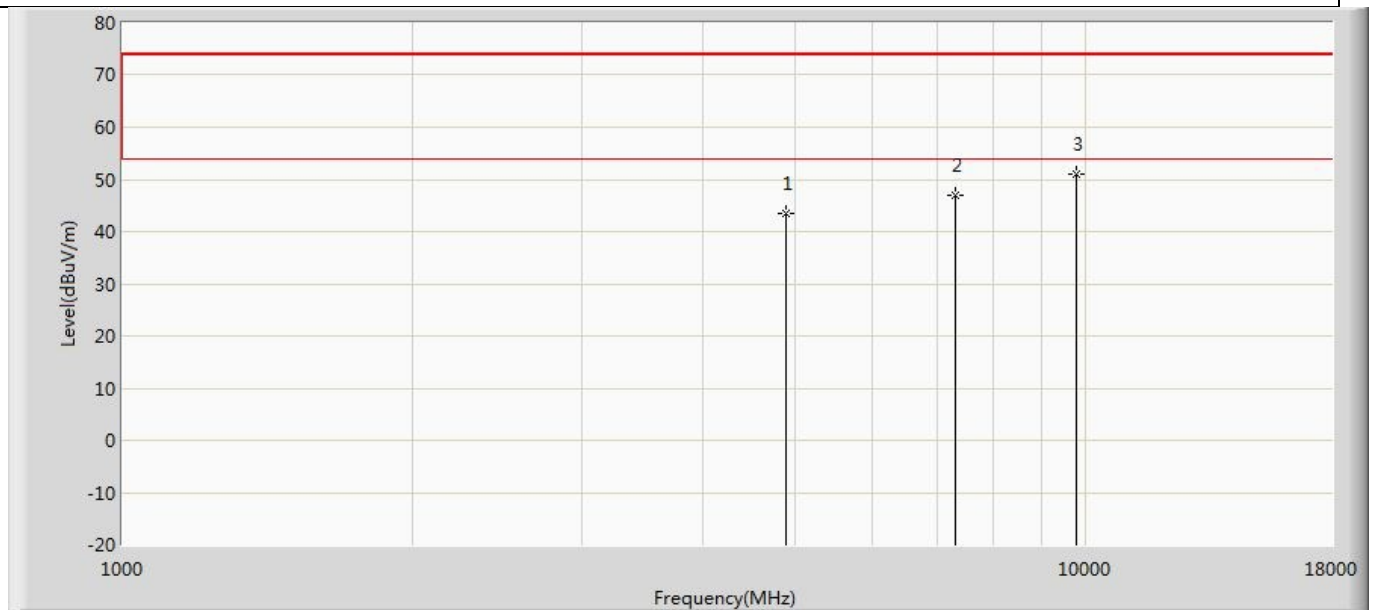
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.320	54.208	-31.680	74.000	-11.888	PK
2		7206.000	47.534	53.700	-26.466	74.000	-6.166	PK
3	*	9608.000	49.455	52.678	-24.545	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 33
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps	



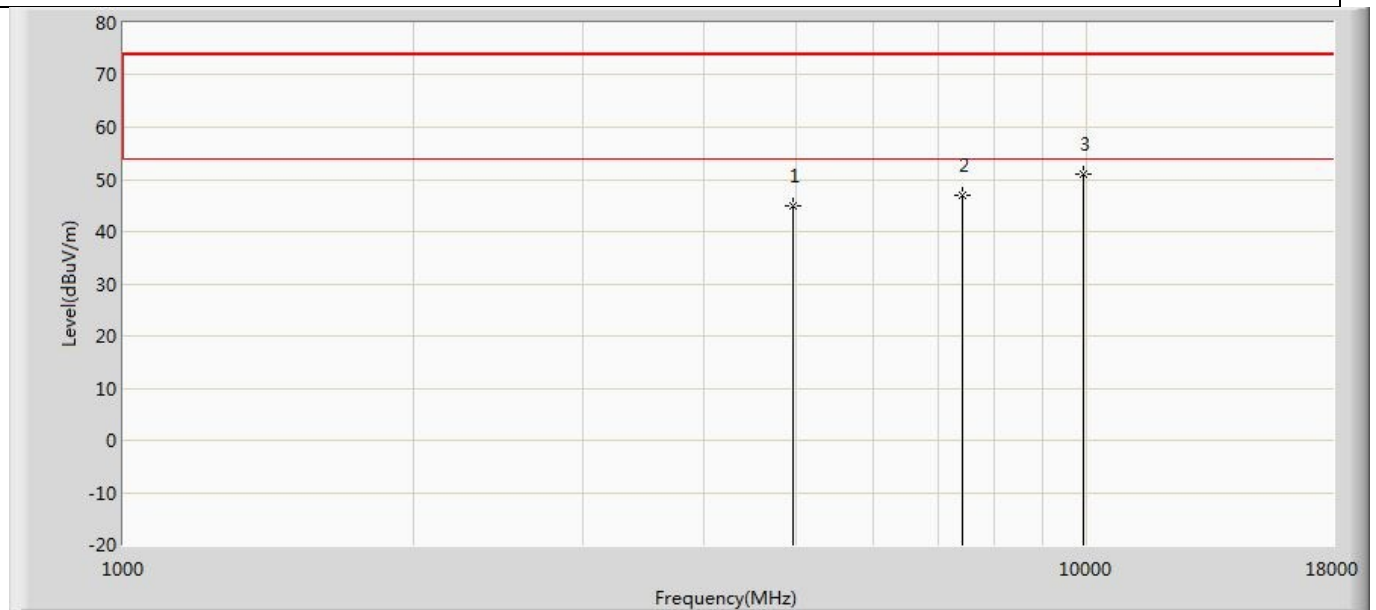
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	42.989	53.593	-31.011	74.000	-10.603	PK
2		7320.000	47.112	54.039	-26.888	74.000	-6.927	PK
3	*	9760.000	49.956	52.829	-24.044	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 34
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2440MHz by LE_2Mbps	



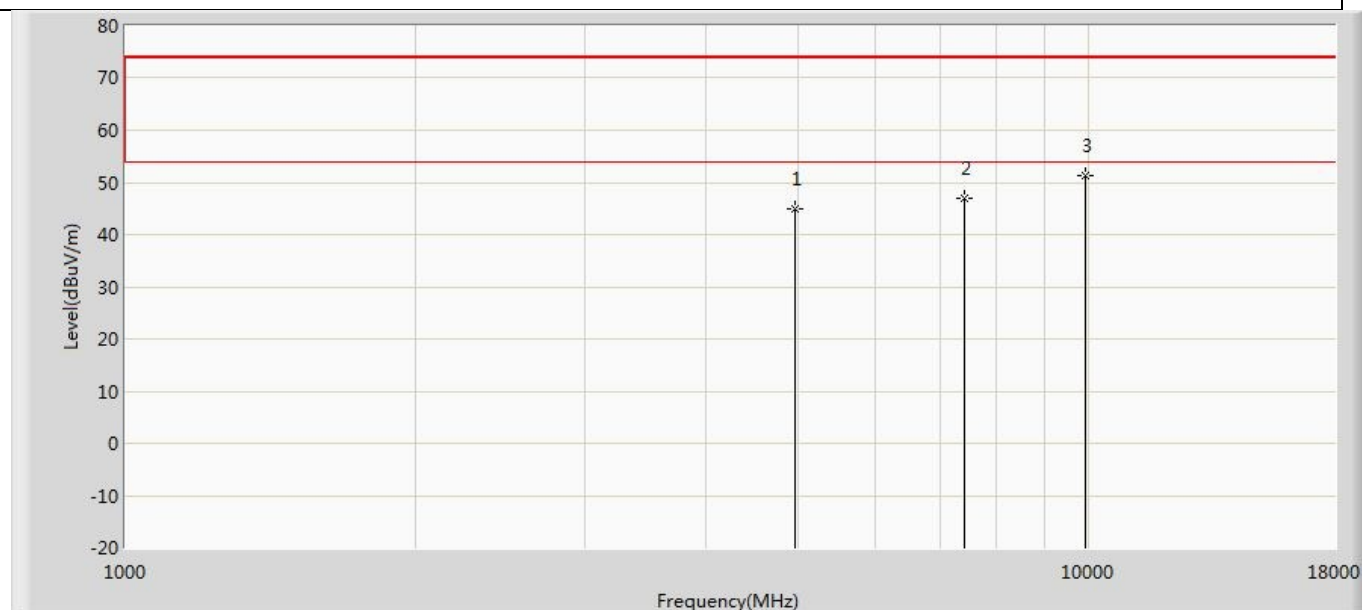
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.441	54.045	-30.559	74.000	-10.603	PK
2		7320.000	47.085	54.012	-26.915	74.000	-6.927	PK
3	*	9760.000	50.948	53.821	-23.052	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 35
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2480MHz by LE_2Mbps	



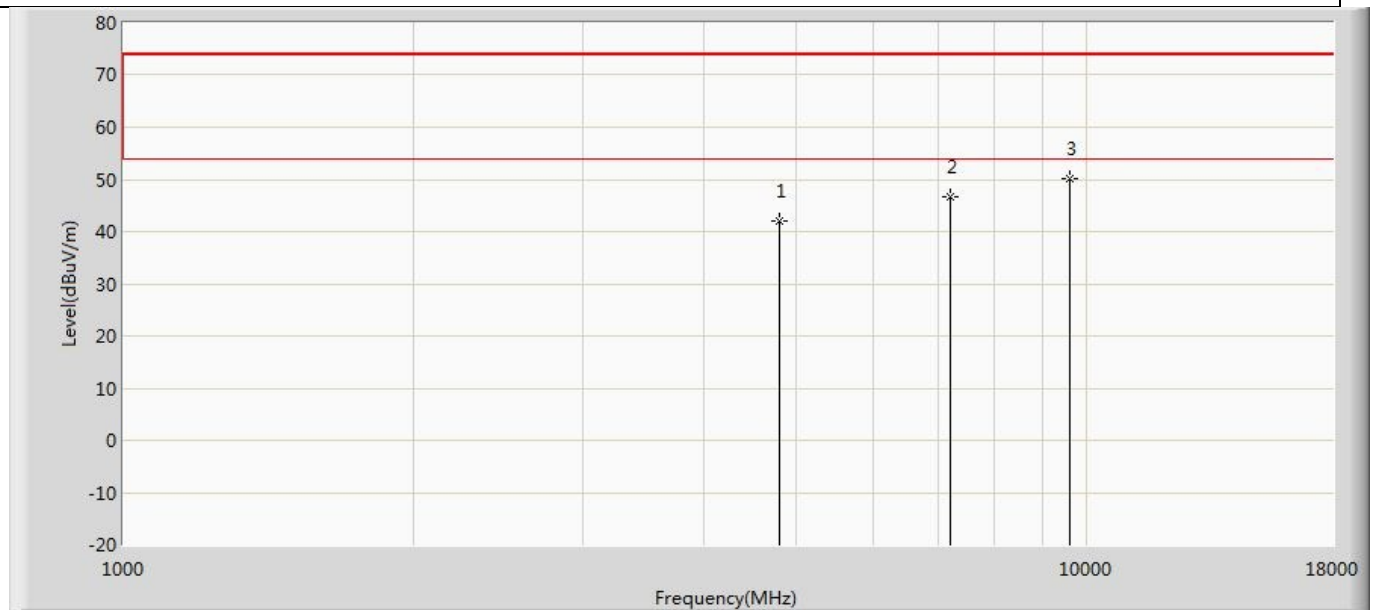
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.822	55.528	-29.178	74.000	-10.707	PK
2		7440.000	46.868	53.647	-27.132	74.000	-6.779	PK
3	*	9920.000	51.066	52.888	-22.934	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 36
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2480MHz by LE_2Mbps	



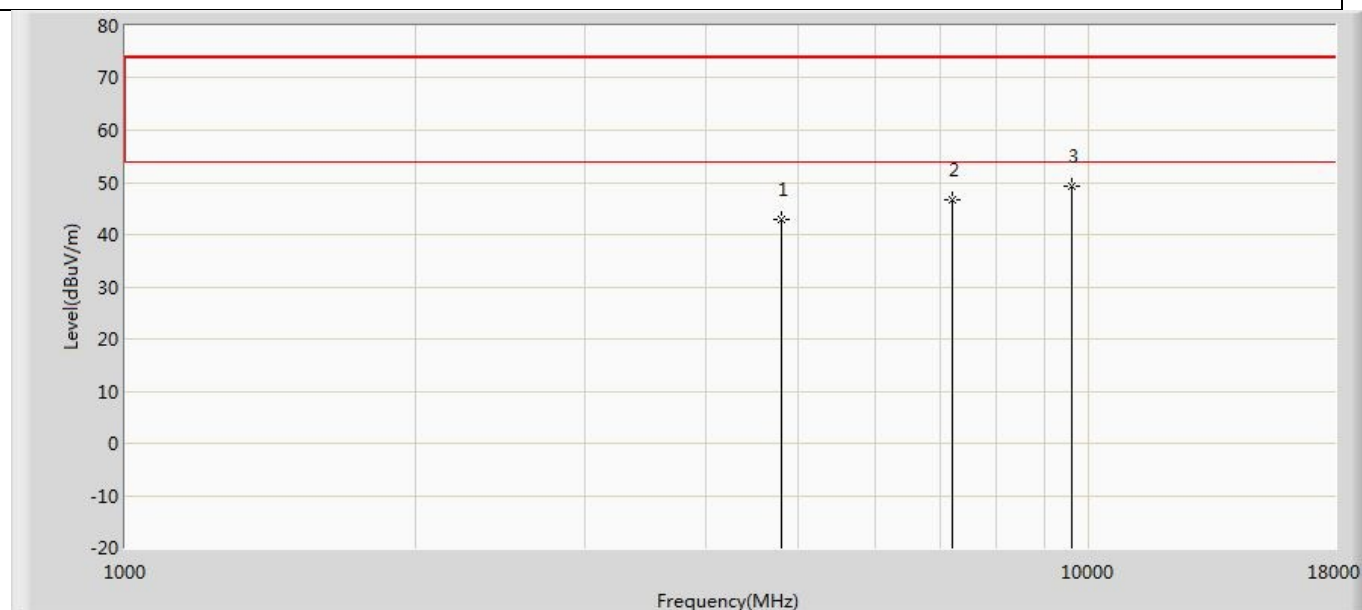
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.982	55.688	-29.018	74.000	-10.707	PK
2		7440.000	47.099	53.878	-26.901	74.000	-6.779	PK
3	*	9920.000	51.270	53.092	-22.730	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 37
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 3 : Transmit at 2402MHz by LE_Coded S=8	



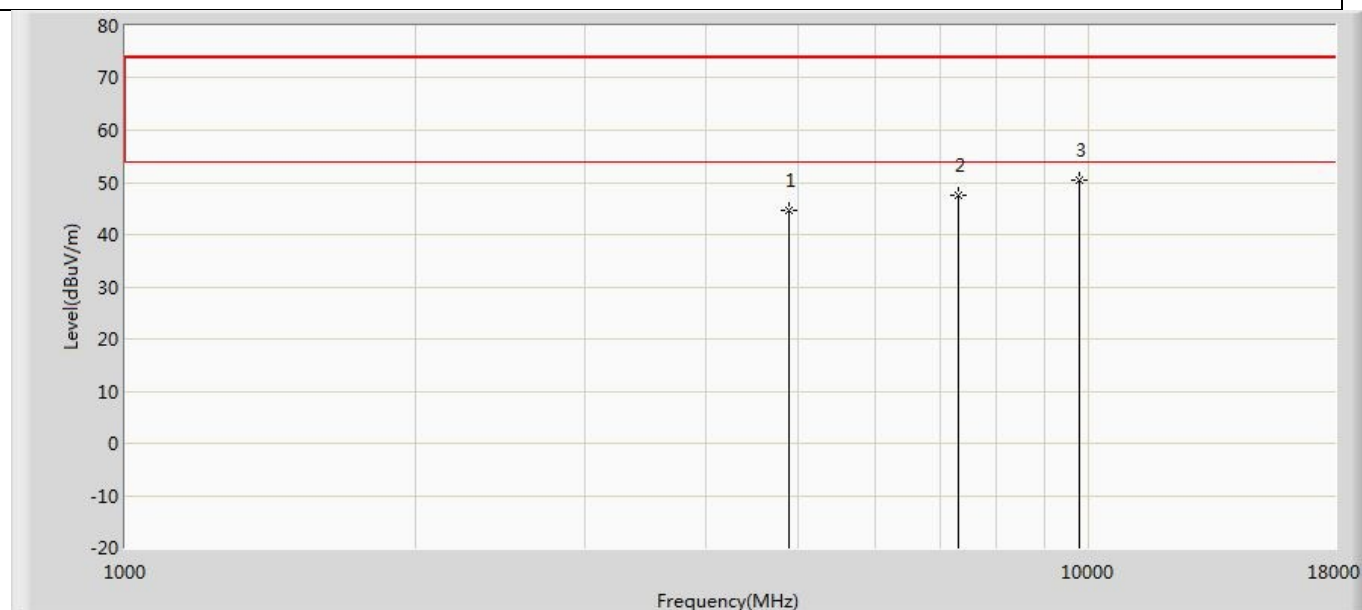
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.060	53.948	-31.940	74.000	-11.888	PK
2		7206.000	46.698	52.864	-27.302	74.000	-6.166	PK
3	*	9608.000	50.169	53.392	-23.831	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 38
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 3 : Transmit at 2402MHz by LE_Coded S=8	



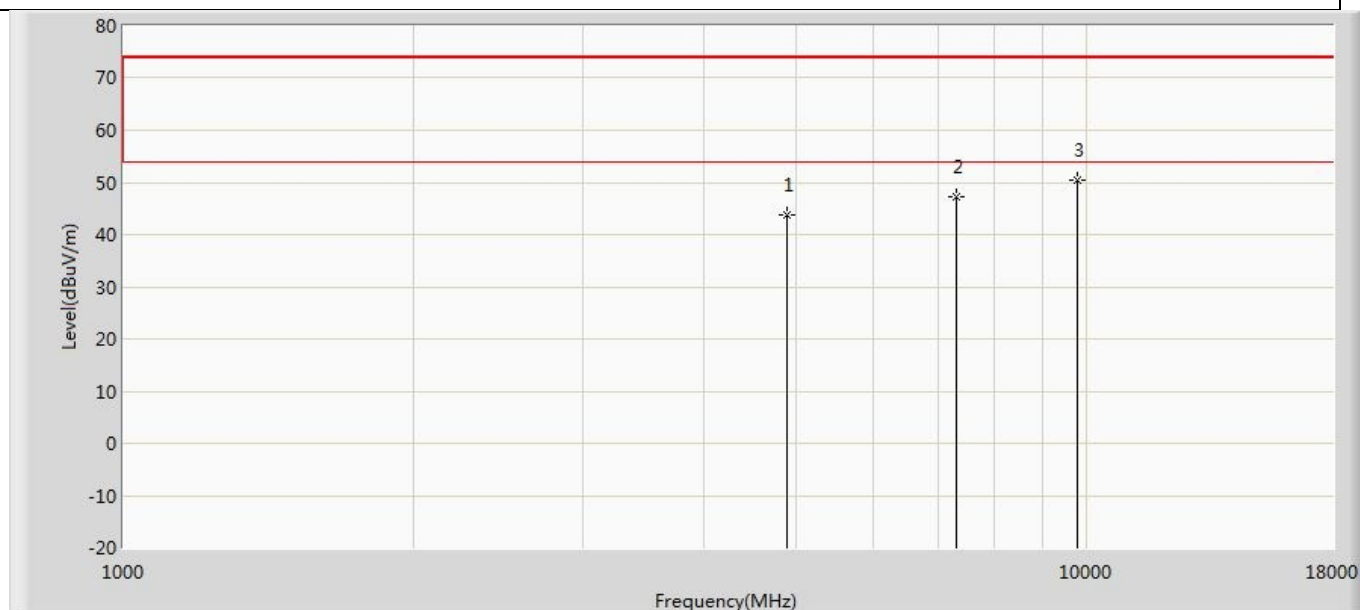
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.868	54.756	-31.132	74.000	-11.888	PK
2		7206.000	46.792	52.958	-27.208	74.000	-6.166	PK
3	*	9608.000	49.140	52.363	-24.860	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 39
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 3 : Transmit at 2440MHz by LE_Coded S=8	



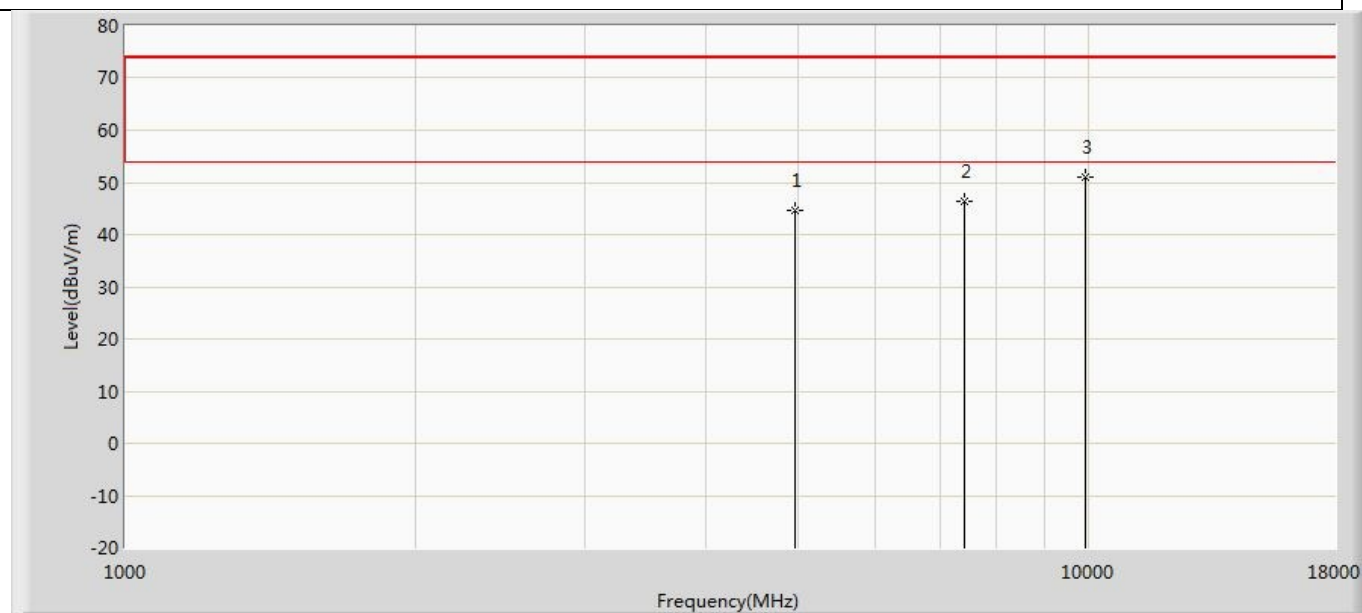
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	44.625	55.229	-29.375	74.000	-10.603	PK
2		7320.000	47.509	54.436	-26.491	74.000	-6.927	PK
3	*	9760.000	50.499	53.372	-23.501	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 40
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 3 : Transmit at 2440MHz by LE_Coded S=8	



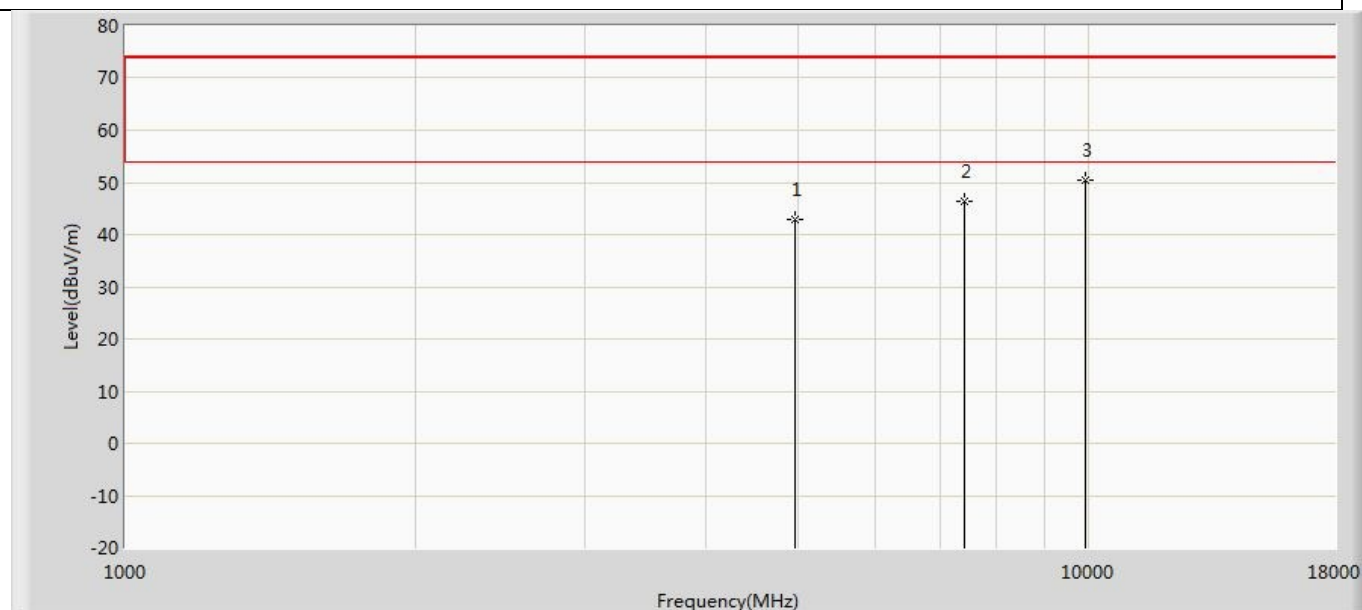
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.790	54.394	-30.210	74.000	-10.603	PK
2		7320.000	47.353	54.280	-26.647	74.000	-6.927	PK
3	*	9760.000	50.389	53.262	-23.611	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 41
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 3 : Transmit at 2480MHz by LE_Coded S=8	



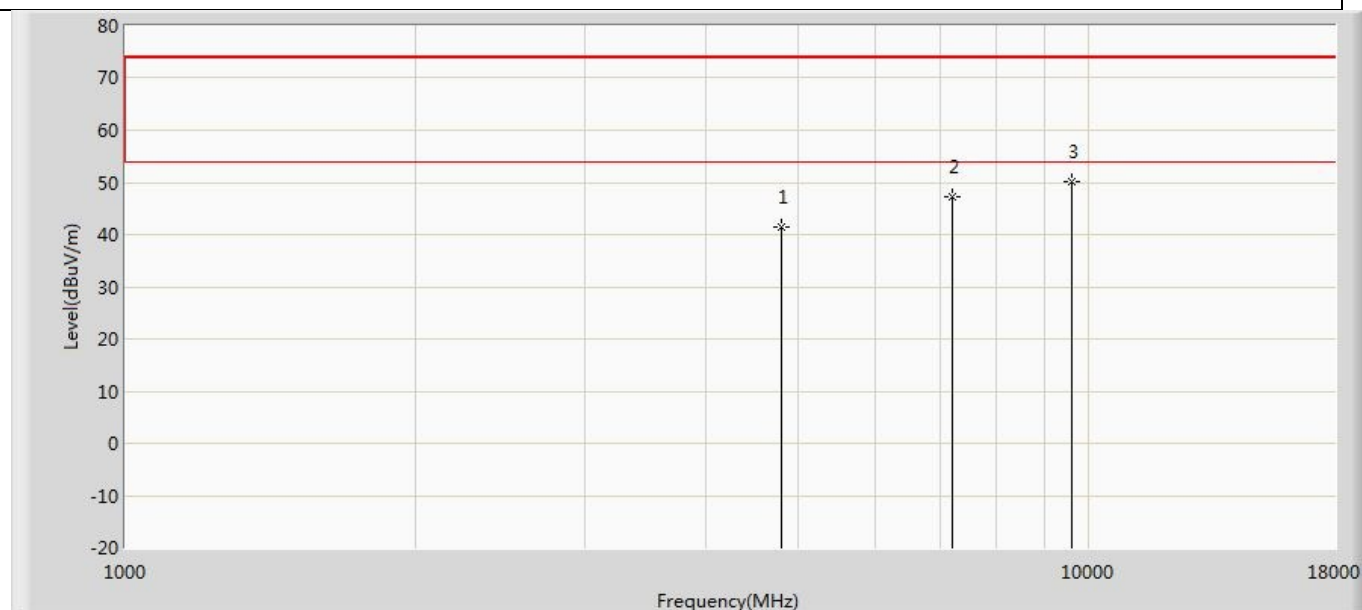
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	44.501	55.207	-29.499	74.000	-10.707	PK
2		7440.000	46.404	53.183	-27.596	74.000	-6.779	PK
3	*	9920.000	51.048	52.870	-22.952	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 42
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 3 : Transmit at 2480MHz by LE_Coded S=8	



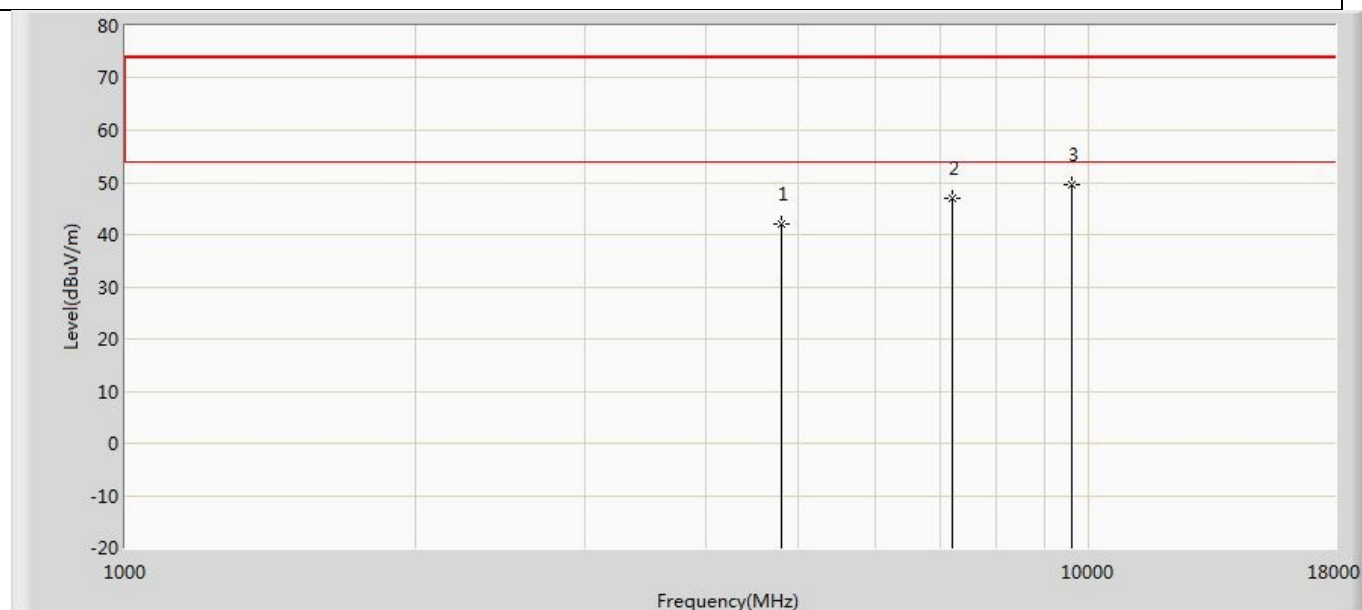
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	42.795	53.501	-31.205	74.000	-10.707	PK
2		7440.000	46.276	53.055	-27.724	74.000	-6.779	PK
3	*	9920.000	50.397	52.219	-23.603	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 43
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=2	



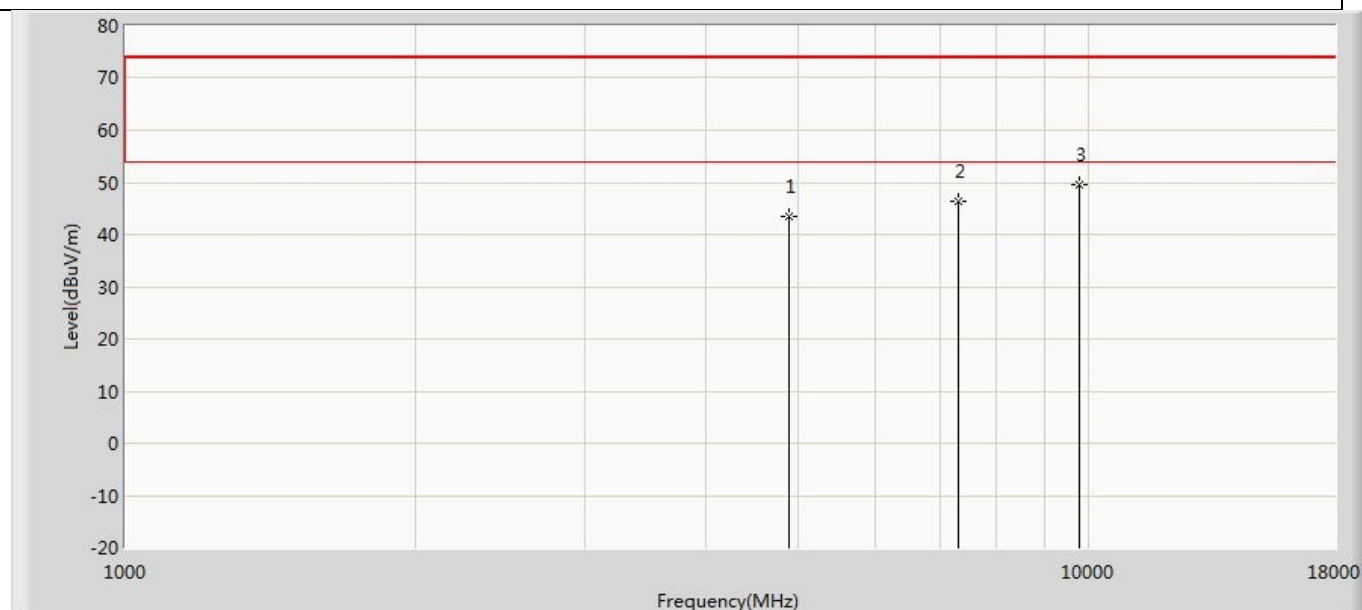
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.594	53.482	-32.406	74.000	-11.888	PK
2		7206.000	47.229	53.395	-26.771	74.000	-6.166	PK
3	*	9608.000	50.141	53.364	-23.859	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 44
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 4 : Transmit at 2402MHz by LE_Coded S=2	



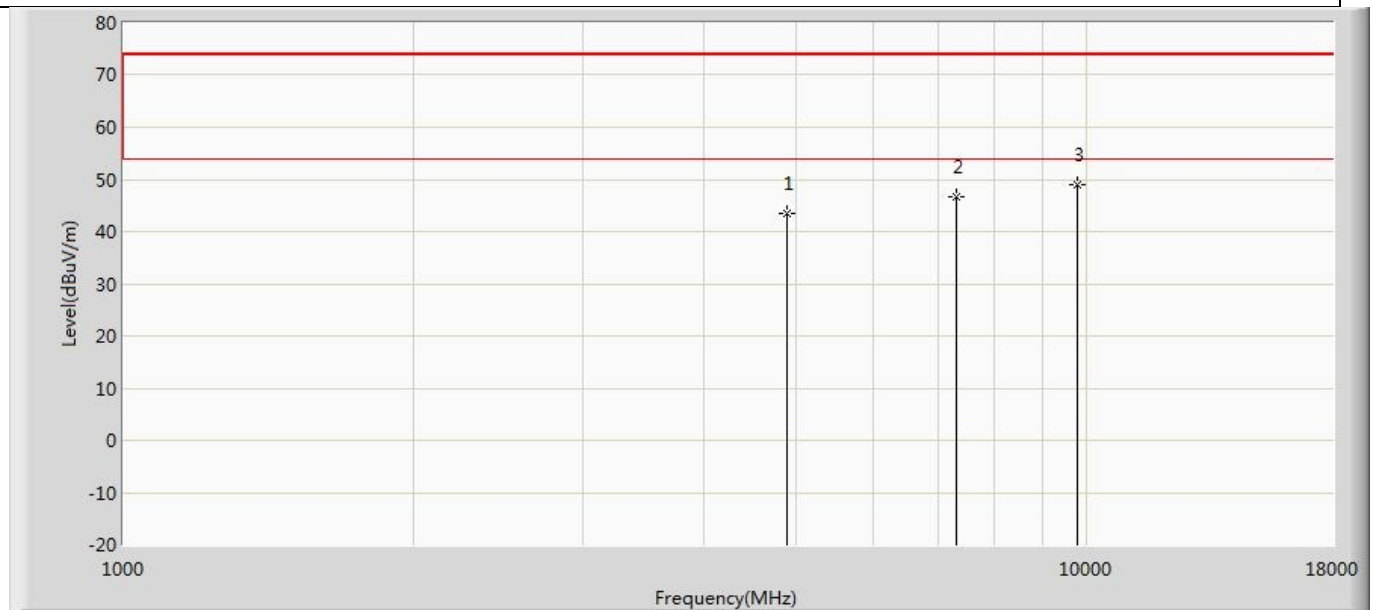
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.141	54.029	-31.859	74.000	-11.888	PK
2		7206.000	46.958	53.124	-27.042	74.000	-6.166	PK
3	*	9608.000	49.490	52.713	-24.510	74.000	-3.222	PK

Profile: 23A0637R	Page No.: 45
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=8	



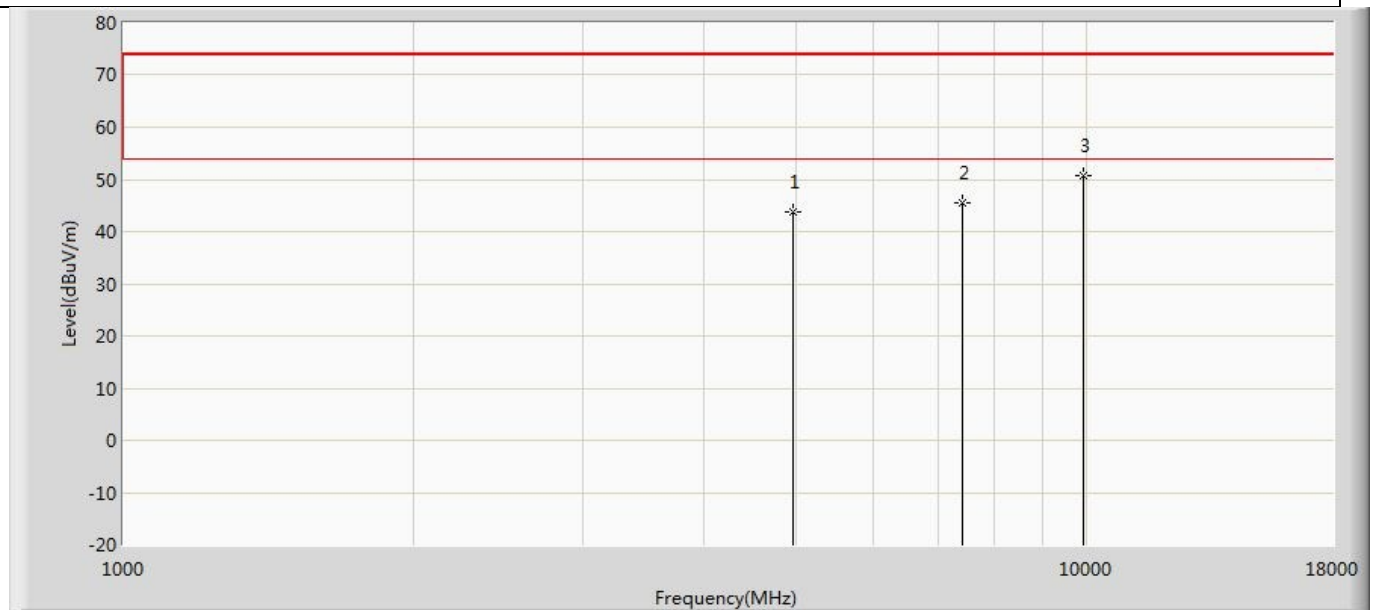
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.417	54.021	-30.583	74.000	-10.603	PK
2		7320.000	46.455	53.382	-27.545	74.000	-6.927	PK
3	*	9760.000	49.430	52.303	-24.570	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 46
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 4 : Transmit at 2440MHz by LE_Coded S=2	



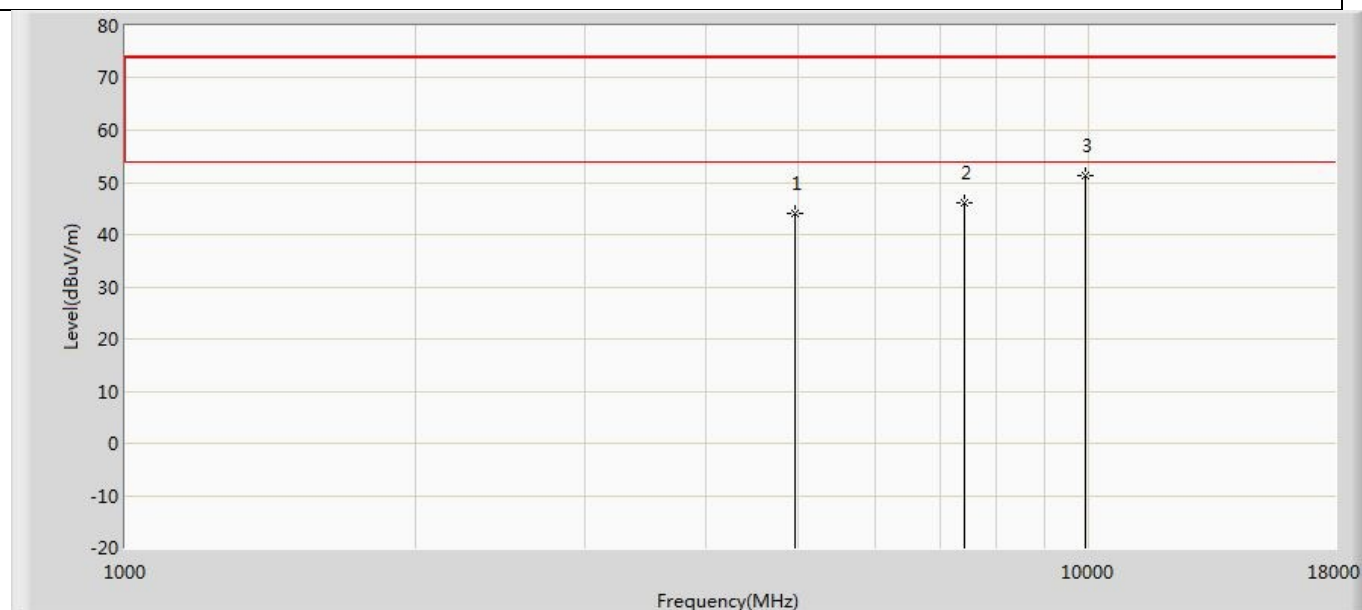
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4880.000	43.510	54.114	-30.490	74.000	-10.603	PK
2		7320.000	46.775	53.702	-27.225	74.000	-6.927	PK
3	*	9760.000	49.117	51.990	-24.883	74.000	-2.874	PK

Profile: 23A0637R	Page No.: 47
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.872	54.578	-30.128	74.000	-10.707	PK
2		7440.000	45.599	52.378	-28.401	74.000	-6.779	PK
3	*	9920.000	50.725	52.547	-23.275	74.000	-1.821	PK

Profile: 23A0637R	Page No.: 48
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/23 - 22:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 4 : Transmit at 2480MHz by LE_Coded S=2	



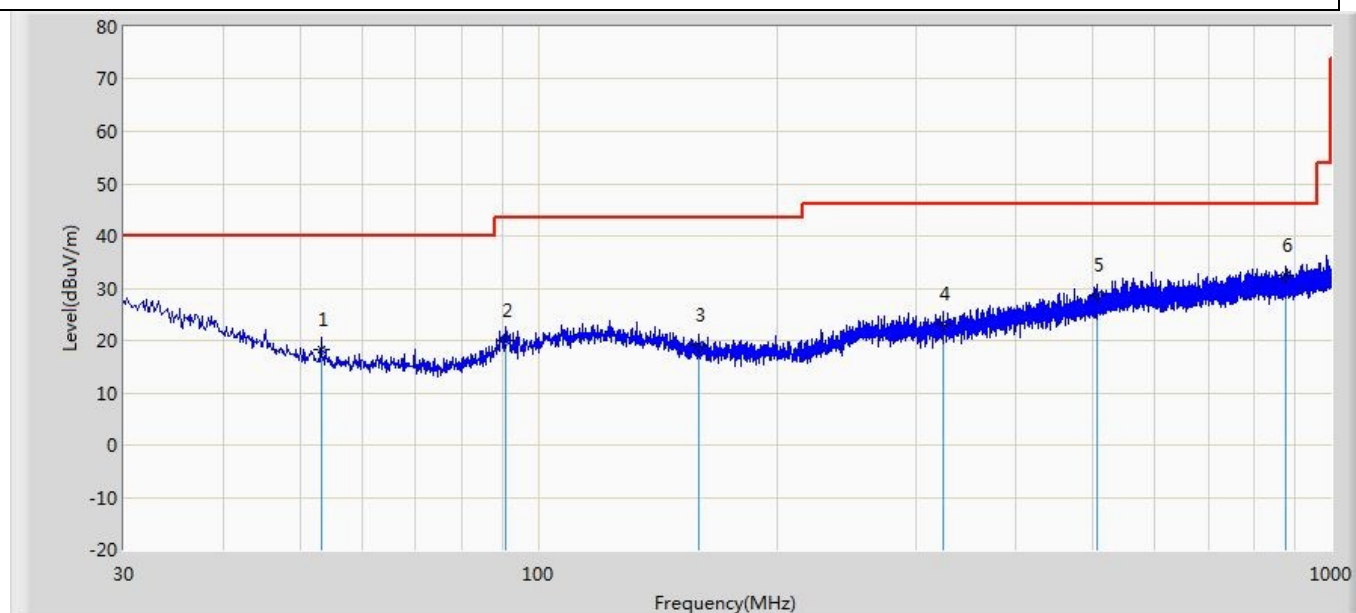
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4960.000	43.949	54.655	-30.051	74.000	-10.707	PK
2		7440.000	46.182	52.961	-27.818	74.000	-6.779	PK
3	*	9920.000	51.388	53.210	-22.612	74.000	-1.821	PK

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. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.

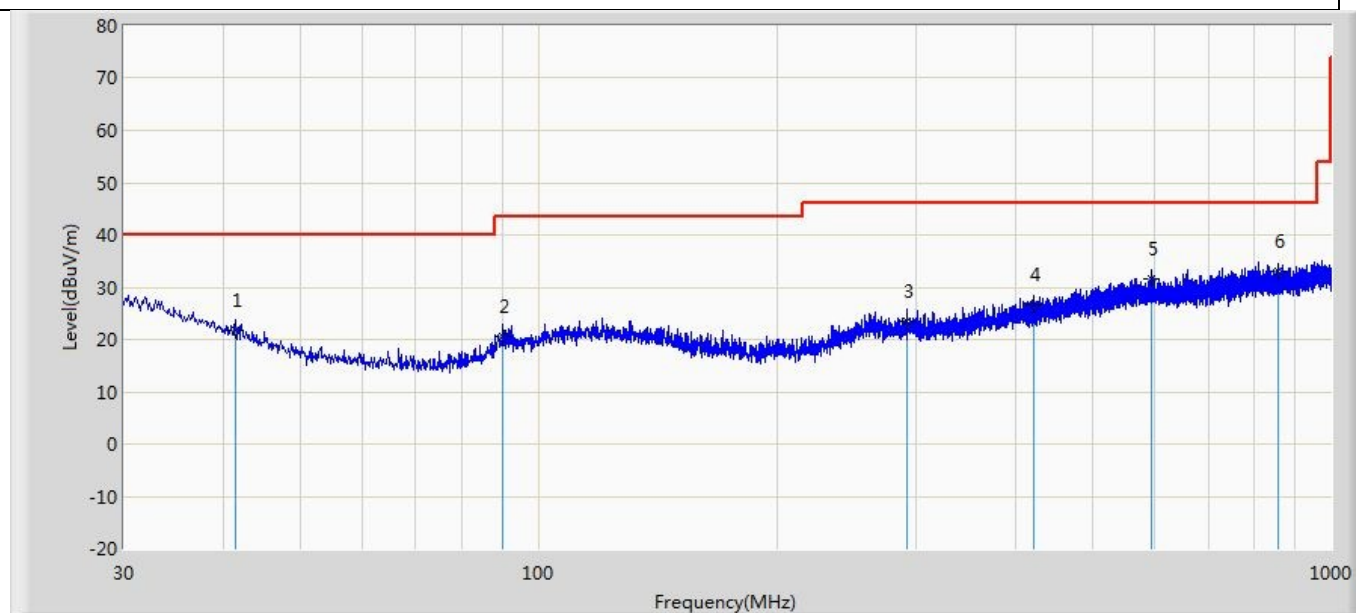
The worst case of Radiated Emission below 1GHz :

Profile: 23A0637R	Page No.: 37
Engineer: Pengchengyang	
Site: AC2	Time: 2023/11/29 - 15:54
Limit: FCC_Part 15.109_RE (3m)_Class B	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2402MHz by LE_1MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		53.159	18.335	4.315	-21.665	40.000	14.020	QP
2		90.746	20.067	4.008	-23.433	43.500	16.059	QP
3		159.616	19.033	2.036	-24.467	43.500	16.997	QP
4		324.031	23.146	1.775	-22.854	46.000	21.371	QP
5		506.149	28.597	2.800	-17.403	46.000	25.798	QP
6	*	875.476	32.590	3.152	-13.410	46.000	29.438	QP

Profile: 23A0637R	Page No.: 38
Engineer: Pengchengyang	
Site: AC2	Time: 2023/11/29 - 15:54
Limit: FCC_Part 15.109_RE (3m)_Class B	Margin: 0
Probe: CBL6112D_27613(30-1000MHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 1 : Transmit at 2402MHz by LE_1MHz	



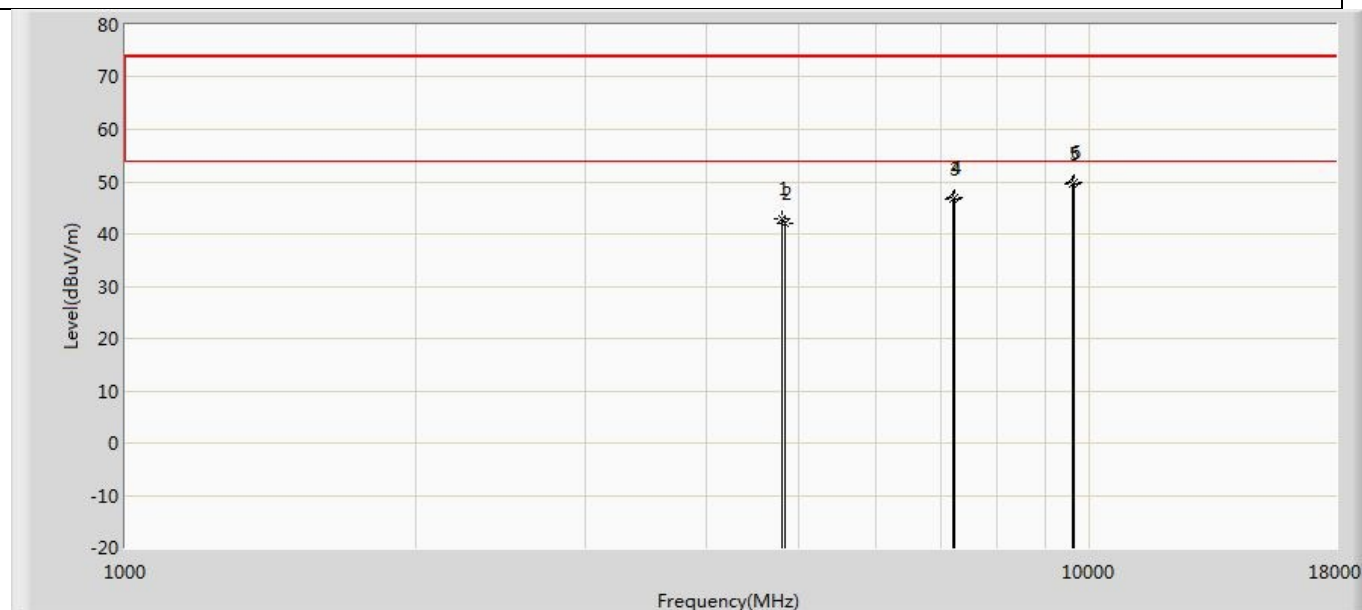
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		41.519	21.860	3.089	-18.140	40.000	18.771	QP
2		90.261	20.577	4.628	-22.923	43.500	15.950	QP
3		292.021	23.370	2.797	-22.630	46.000	20.573	QP
4		422.244	26.721	2.639	-19.279	46.000	24.082	QP
5		593.085	31.654	4.499	-14.346	46.000	27.155	QP
6	*	856.561	32.933	3.598	-13.067	46.000	29.334	QP

Note:

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

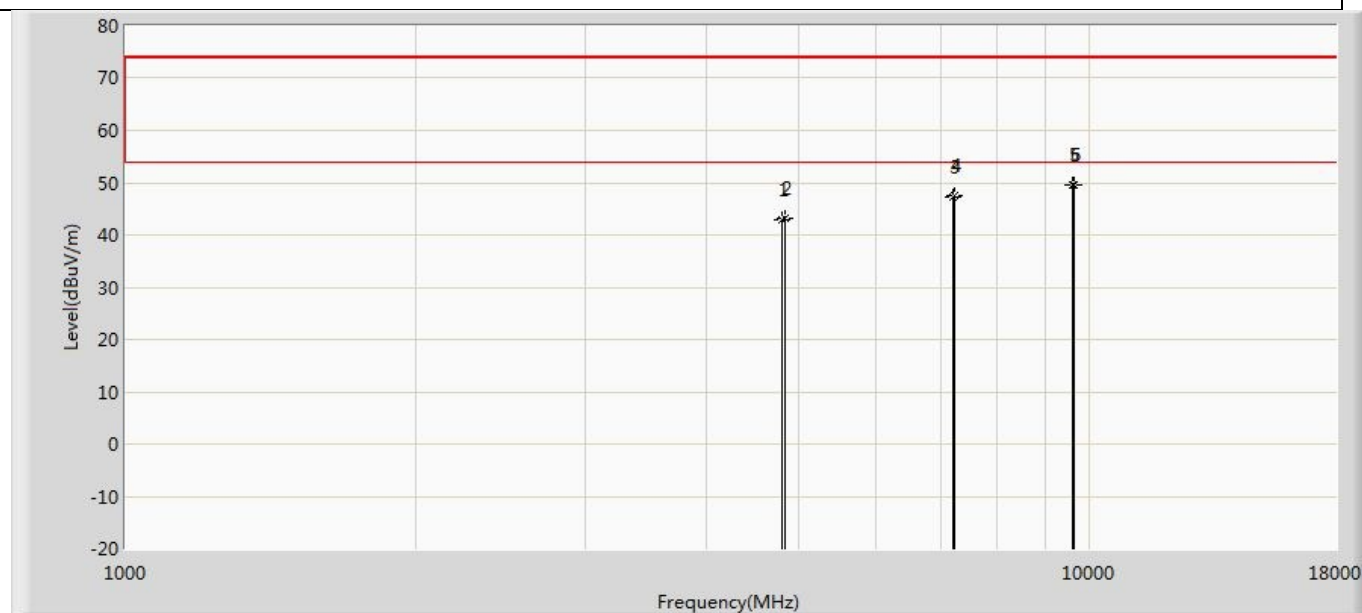
The worst case of Simultaneous Radiated Emission:

Profile: 23A0637R	Page No.: 11
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/29 - 05:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2402MHz by BLE + 2412MHz by 802.11n(20MHz) with Ant1+Ant2	



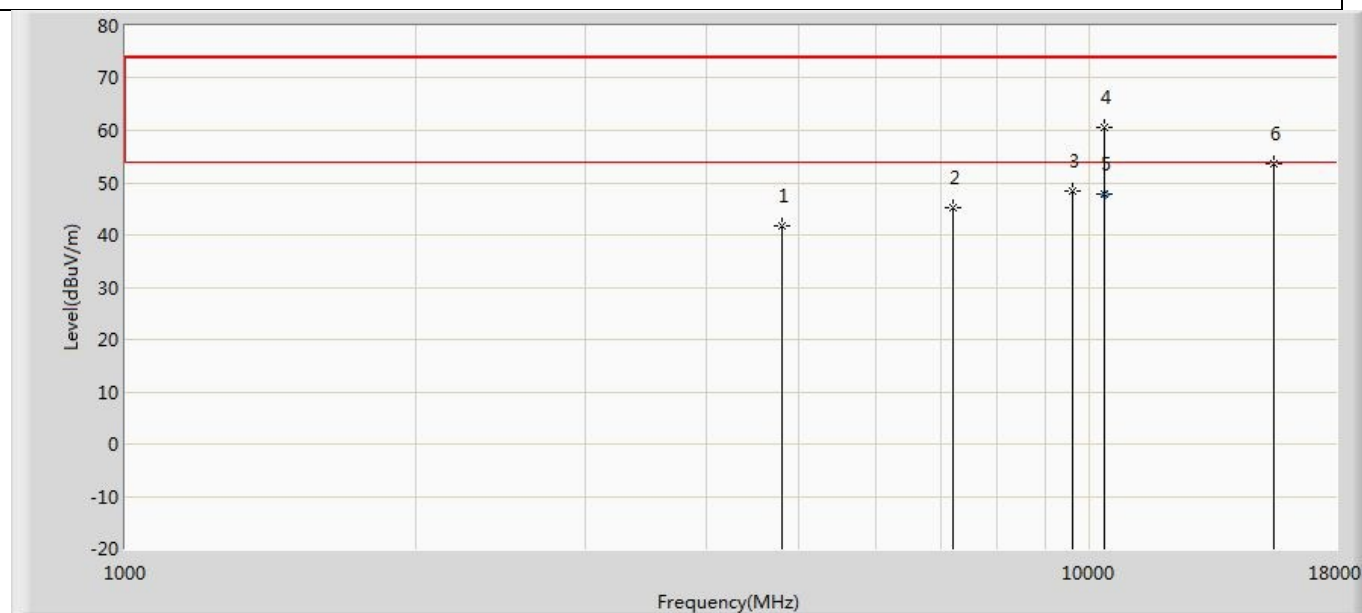
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.895	54.783	-31.105	74.000	-11.888	PK
2		4824.000	42.061	53.981	-31.939	74.000	-11.920	PK
3		7206.000	46.761	52.927	-27.239	74.000	-6.166	PK
4		7236.000	46.831	53.465	-27.169	74.000	-6.634	PK
5		9608.000	49.669	52.892	-24.331	74.000	-3.222	PK
6	*	9648.000	49.783	53.557	-24.217	74.000	-3.774	PK

Profile: 23A0637R	Page No.: 12
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/29 - 05:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2402MHz by BLE + 2412MHz by 802.11n(20MHz) with Ant1+Ant2	



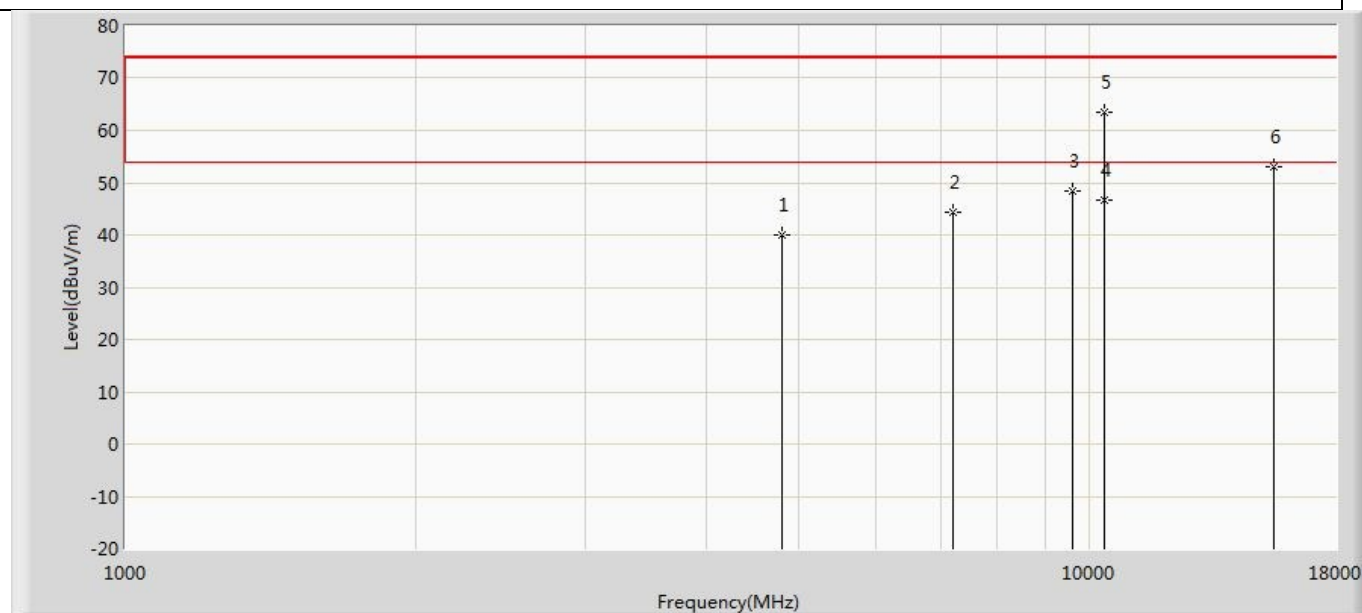
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	42.785	54.673	-31.215	74.000	-11.888	PK
2		4824.000	43.235	55.155	-30.765	74.000	-11.920	PK
3		7206.000	47.383	53.549	-26.617	74.000	-6.166	PK
4		7236.000	47.483	54.117	-26.517	74.000	-6.634	PK
5		9608.000	49.451	52.674	-24.549	74.000	-3.222	PK
6	*	9648.000	49.666	53.440	-24.334	74.000	-3.774	PK

Profile: 23A0637R	Page No.: 15
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/29 - 05:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2402MHz by BLE + 5180MHz by 802.11a with Ant2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	41.635	55.512	-32.365	74.000	-13.877	PK
2		7206.000	45.209	53.926	-28.791	74.000	-8.718	PK
3		9608.000	48.494	52.521	-25.506	74.000	-4.026	PK
4		10350.000	60.511	64.251	-13.489	74.000	-3.740	PK
5	*	10360.000	47.875	51.281	-6.125	54.000	-3.406	AV
6		15540.000	53.482	52.439	-20.518	74.000	1.043	PK

Profile: 23A0637R	Page No.: 16
Engineer: Pengcheng Yang	
Site: AC5	Time: 2023/11/29 - 05:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: IEEE 802.11 a/b/g/n/ac/ax 2T/2R+ Bluetooth V2.1/4.2/5.2	Power: 5 Vdc
Note: Mode 2 : Transmit at 2402MHz by B LE + 5180MHz by 802.11a with Ant2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4804.000	39.926	53.803	-34.074	74.000	-13.877	PK
2		7206.000	44.445	53.162	-29.555	74.000	-8.718	PK
3		9608.000	48.314	52.341	-25.686	74.000	-4.026	PK
4		10360.000	46.805	50.211	-27.195	74.000	-3.406	PK
5	*	10367.000	63.436	66.608	-10.564	74.000	-3.172	PK
6		15540.000	53.140	52.097	-20.860	74.000	1.043	PK

The End
