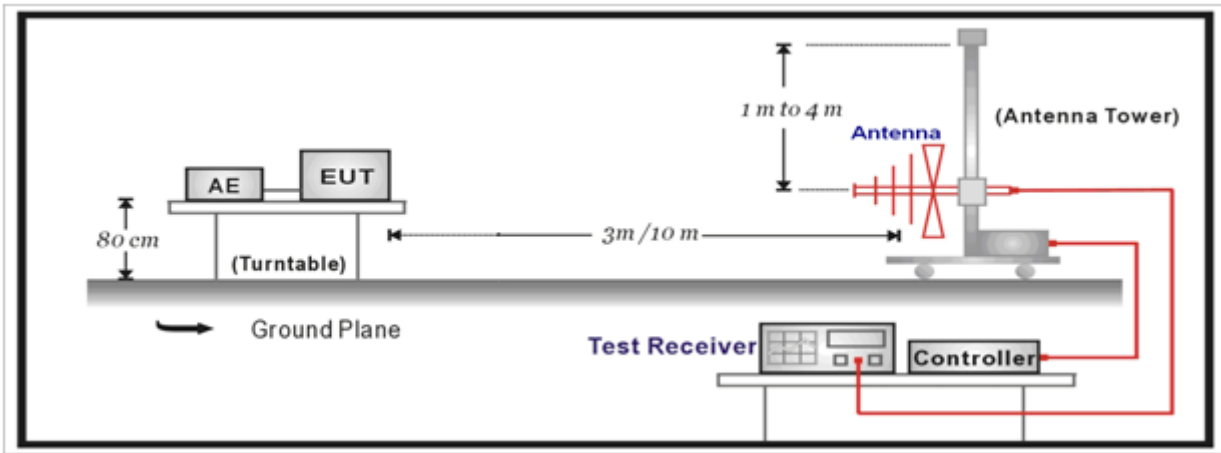
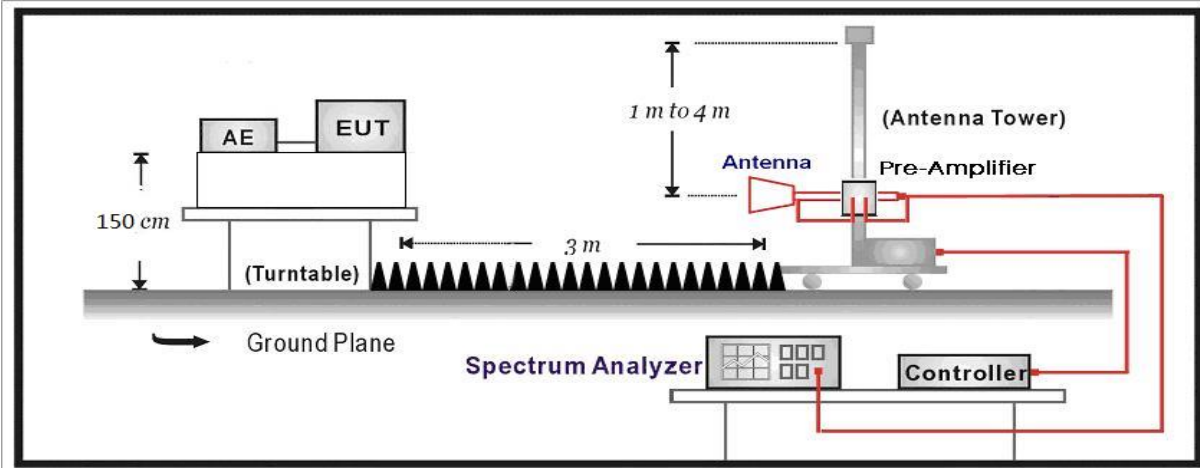


4.2.2 Test Setup

30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.2.3 Test Procedure

	Reference Rule	Chapter	Description
☒	ANSI C63.26	5.5	Radiated emissions testing

The spectrum was scanned from 9 kHz to the 10th harmonic of the highest frequency generated within the equipment.

Emissions below 18 GHz were measured at a 3 meter test distance.

The EUT was tested in three orthogonal axes and in all possible test configurations and poisoning when measurement antenna is oriented in both horizontal and vertical polarization, the worst case emissions was showed in the report.

Radiated emissions were used the substitution method described in ANSI/TIA-603-E-2016.

Radiated emissions were measured with 100kHz RBW below 1GHz and 1MHz RBW above 1GHz.

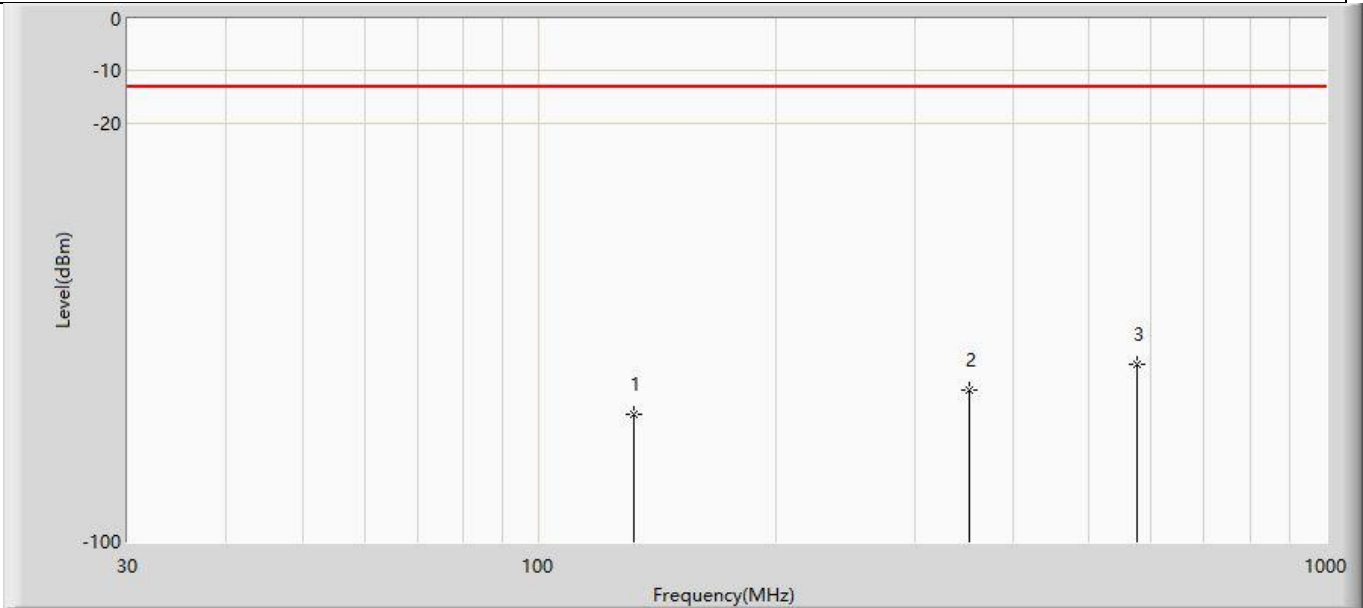
According to specification, the power of emissions shall be attenuated below the transmitter power (P) by a factor of at least $X + 10 \log (P)$ dB. P in watts. The specification can be interpreted as an absolute limit when the specified attenuation is actually subtracted from the maximum permissible transmitter power [i.e., $10 \log P - \{X + 10 \log P\}$], resulting in an absolute level of -X dBW [or $(-X + 30)$ dBm].



4.2.4 Test Data

WCDMA Band2:

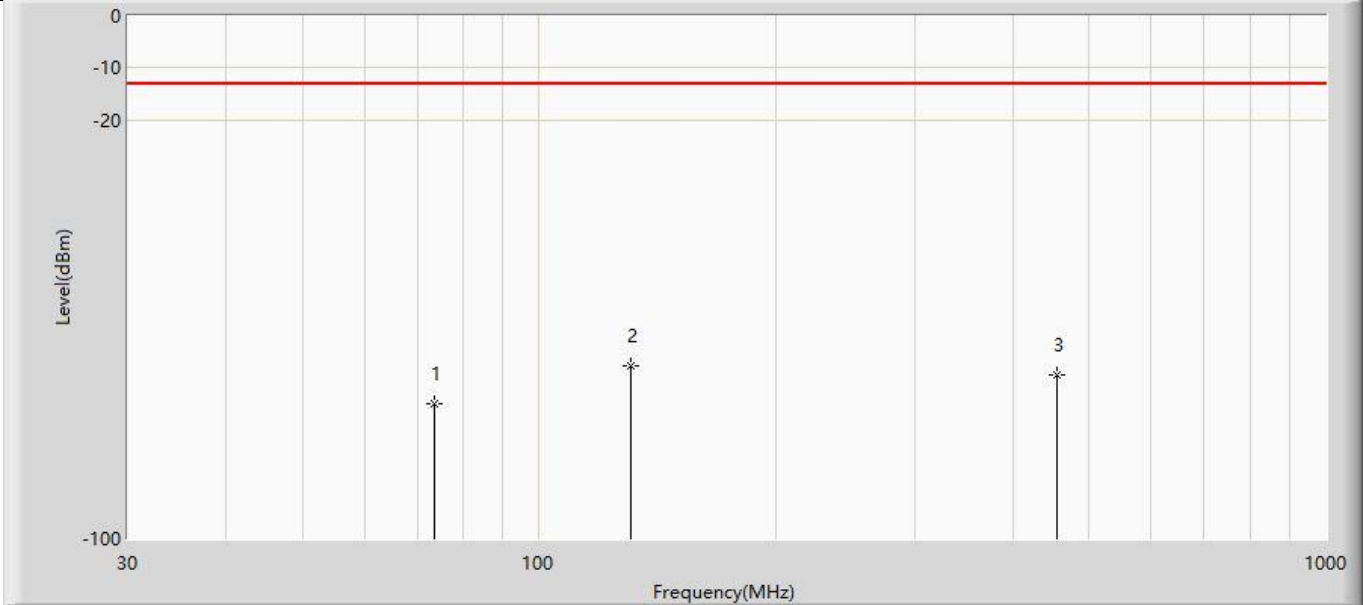
Profile: 2390387R	Page No.: 19
Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 1:WCDMA band2 1852.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		131.850	-75.734	-97.514	-62.734	-13.000	21.780	PK
2		352.040	-71.095	-97.255	-58.095	-13.000	26.160	PK
3	*	576.110	-65.998	-97.608	-52.998	-13.000	31.610	PK



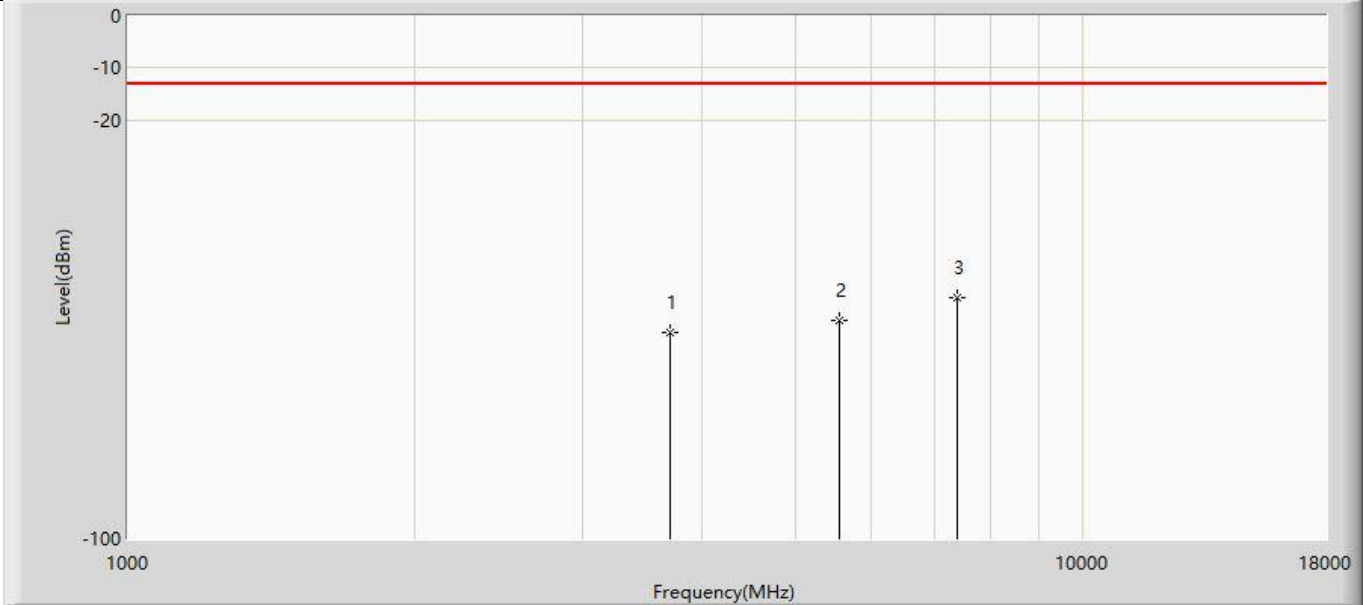
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 1:WCDMA band2 1852.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		73.650	-74.343	-96.823	-61.343	-13.000	22.480	PK
2	*	130.880	-67.043	-96.283	-54.043	-13.000	29.240	PK
3		455.830	-68.692	-97.372	-55.692	-13.000	28.680	PK



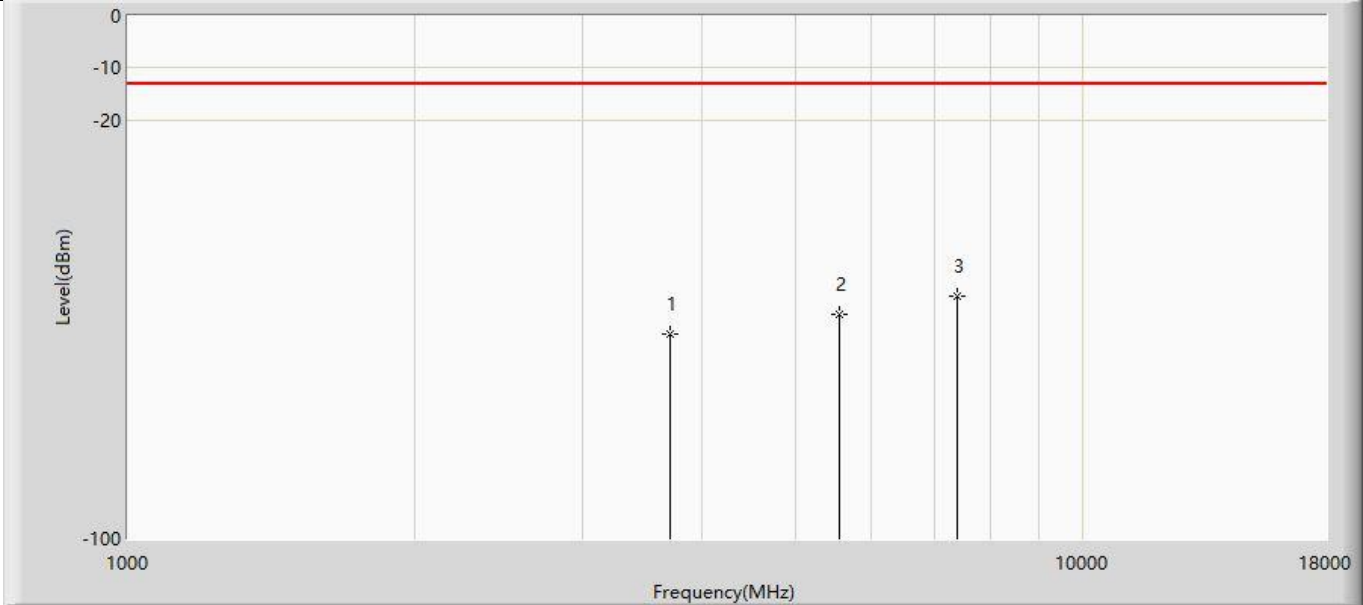
Profile: 2390387R	Page No.: 13
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 1:WCDMA band2 1852.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3704.800	-60.674	-54.545	-47.674	-13.000	-6.129	PK
2		5557.200	-58.315	-56.674	-45.315	-13.000	-1.641	PK
3	*	7409.600	-53.769	-56.871	-40.769	-13.000	3.102	PK



Profile: 2390387R	Page No.: 14
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 1:WCDMA band2 1852.4MHz	

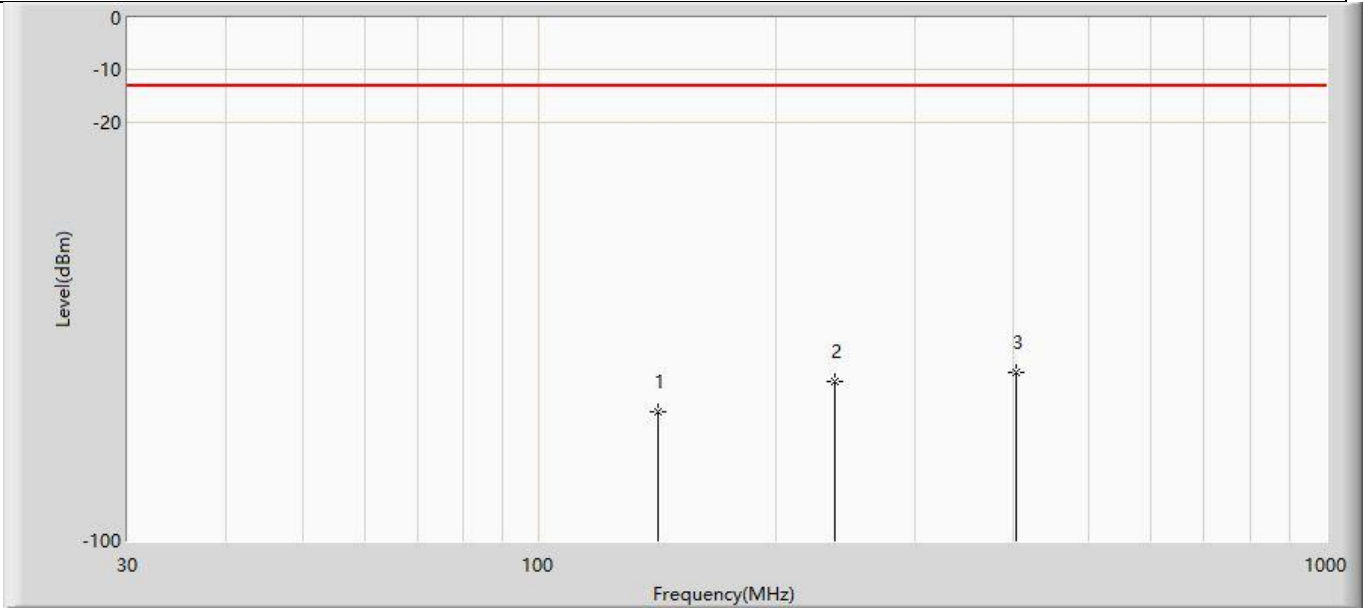


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3704.800	-60.996	-54.778	-47.996	-13.000	-6.218	PK
2		5557.200	-57.219	-56.793	-44.219	-13.000	-0.426	PK
3	*	7409.600	-53.638	-56.499	-40.638	-13.000	2.861	PK



WCDMA Band4:

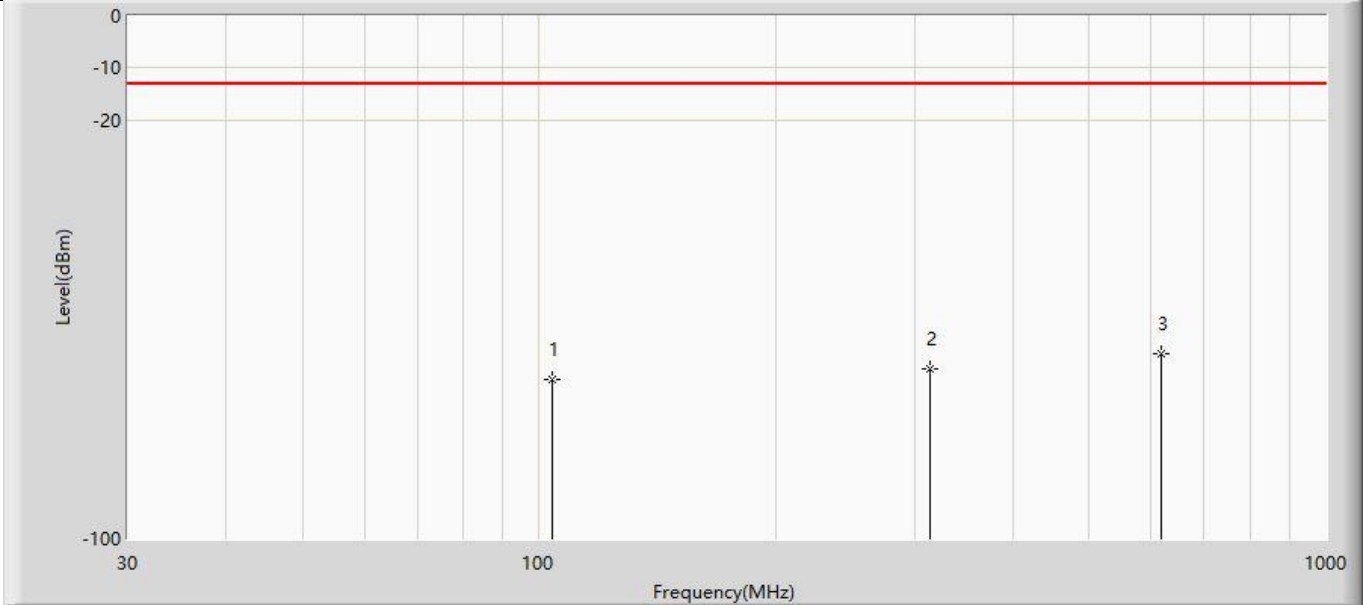
Profile: 2390387R	Page No.: 21
Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 2:WCDMA band4 1712.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		141.550	-75.507	-99.207	-62.507	-13.000	23.700	PK
2		237.580	-69.485	-97.075	-56.485	-13.000	27.590	PK
3	*	403.450	-67.831	-95.951	-54.831	-13.000	28.120	PK



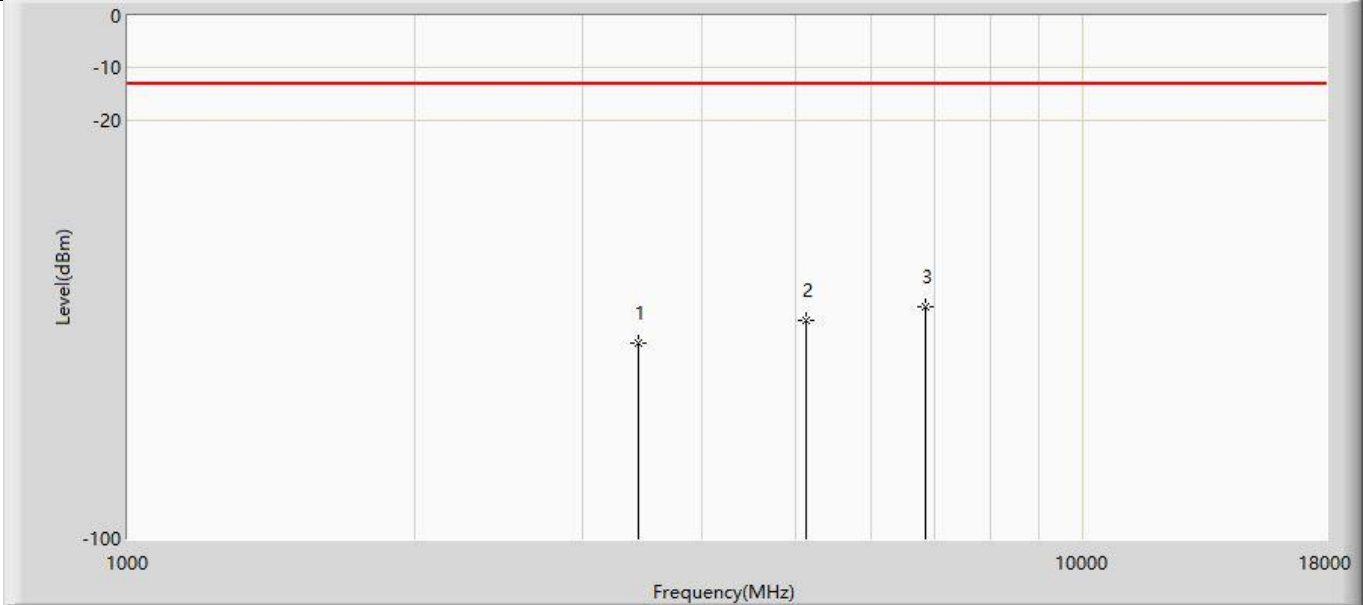
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Site: AC2	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 2:WCDMA band4 1712.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		103.720	-69.490	-97.800	-56.490	-13.000	28.310	PK
2		314.210	-67.541	-94.421	-54.541	-13.000	26.880	PK
3	*	618.790	-64.728	-96.488	-51.728	-13.000	31.760	PK



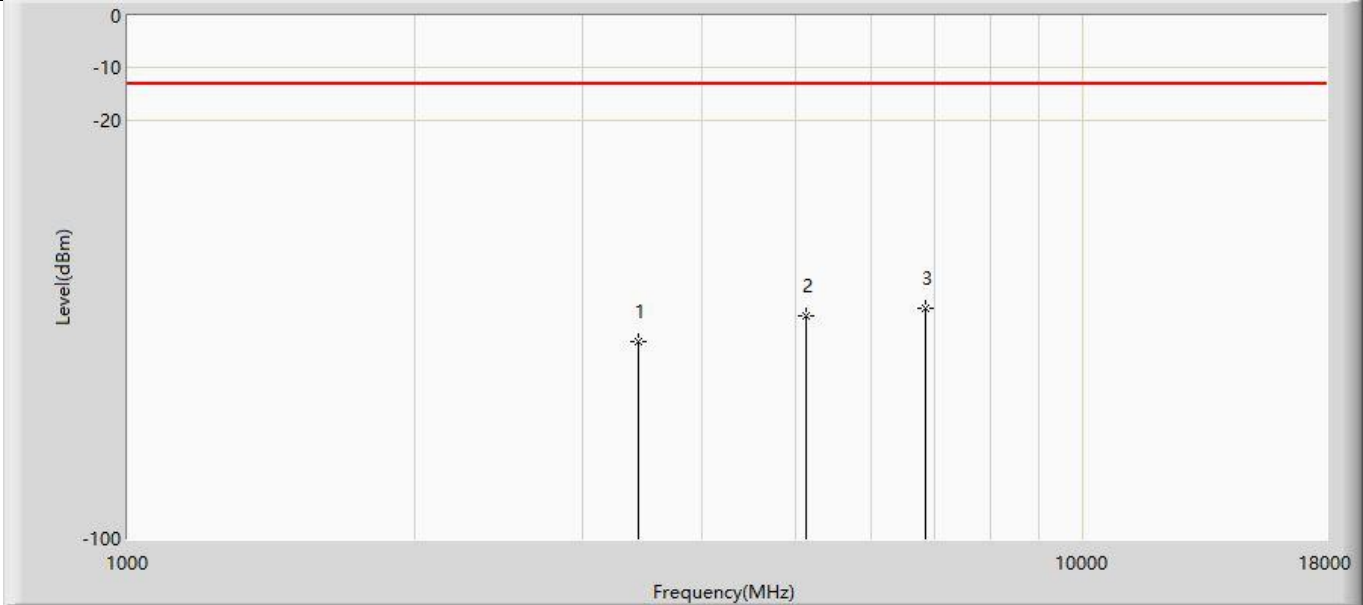
Profile: 2390387R	Page No.: 15
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 2:WCDMA band4 1712.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3424.800	-62.595	-54.385	-49.595	-13.000	-8.210	PK
2		5137.200	-58.370	-57.129	-45.370	-13.000	-1.241	PK
3	*	6849.600	-55.509	-57.001	-42.509	-13.000	1.492	PK



Profile: 2390387R	Page No.: 16
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 2:WCDMA band4 1712.4MHz	

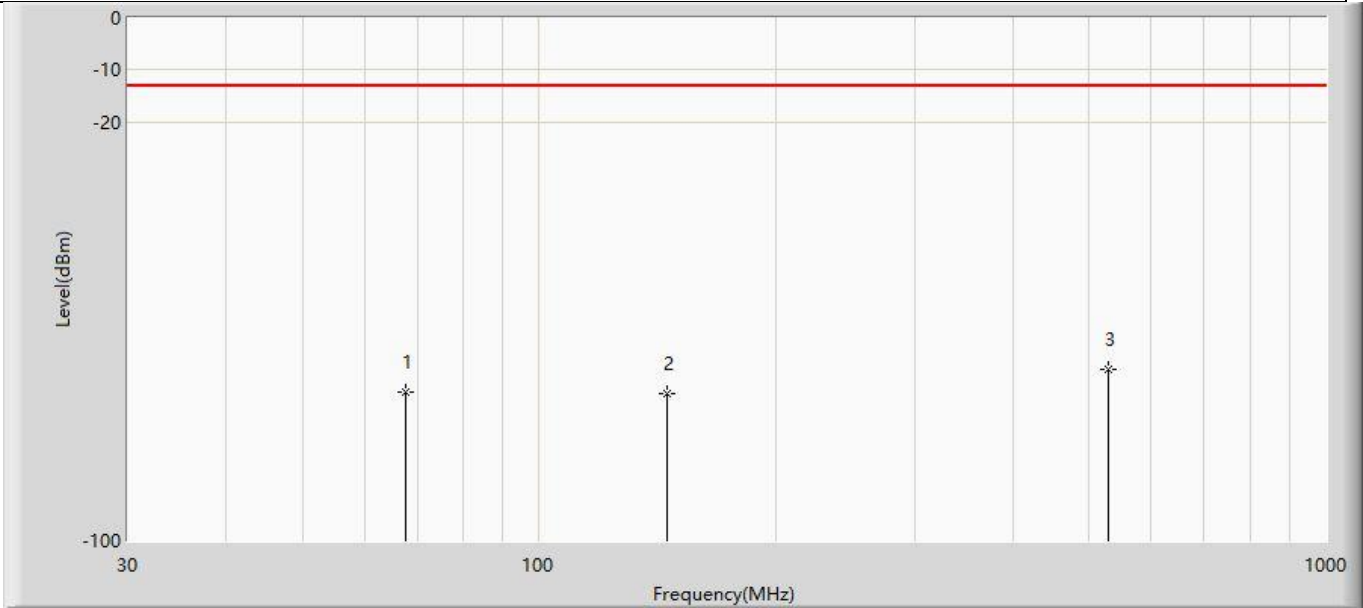


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3424.800	-62.371	-54.309	-49.371	-13.000	-8.062	PK
2		5137.200	-57.404	-56.404	-44.404	-13.000	-1.000	PK
3	*	6849.600	-55.936	-57.458	-42.936	-13.000	1.522	PK



WCDMA Band5:

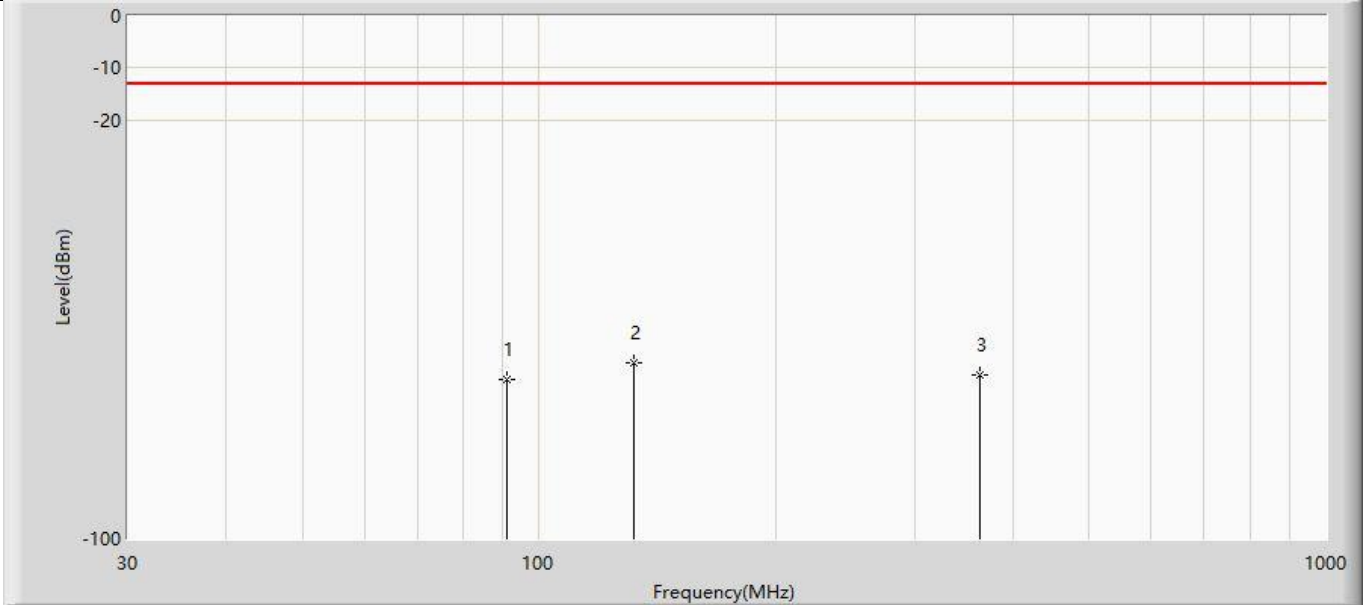
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 3:WCDMA band5 826.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		67.830	-71.697	-96.727	-58.697	-13.000	25.030	PK
2		145.430	-71.886	-96.266	-58.886	-13.000	24.380	PK
3	*	528.580	-67.332	-97.342	-54.332	-13.000	30.010	PK



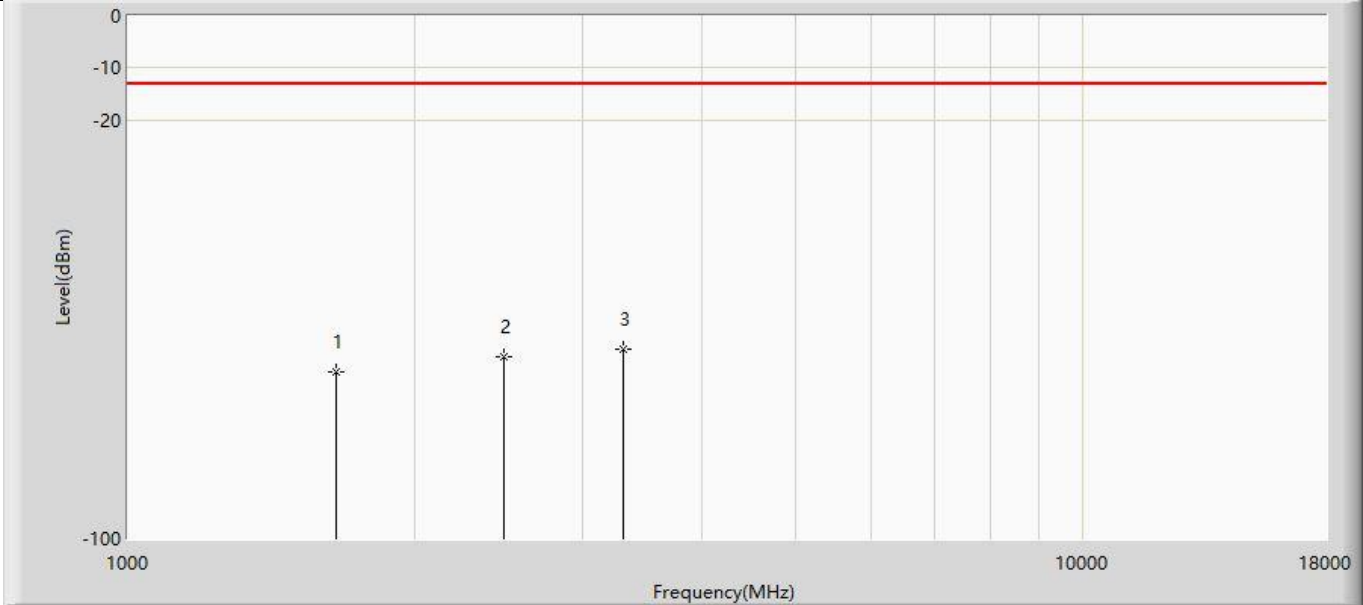
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Site: AC2	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 3:WCDMA band5 826.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		91.110	-69.611	-97.451	-56.611	-13.000	27.840	PK
2	*	131.850	-66.279	-95.639	-53.279	-13.000	29.360	PK
3		363.680	-68.733	-96.513	-55.733	-13.000	27.780	PK



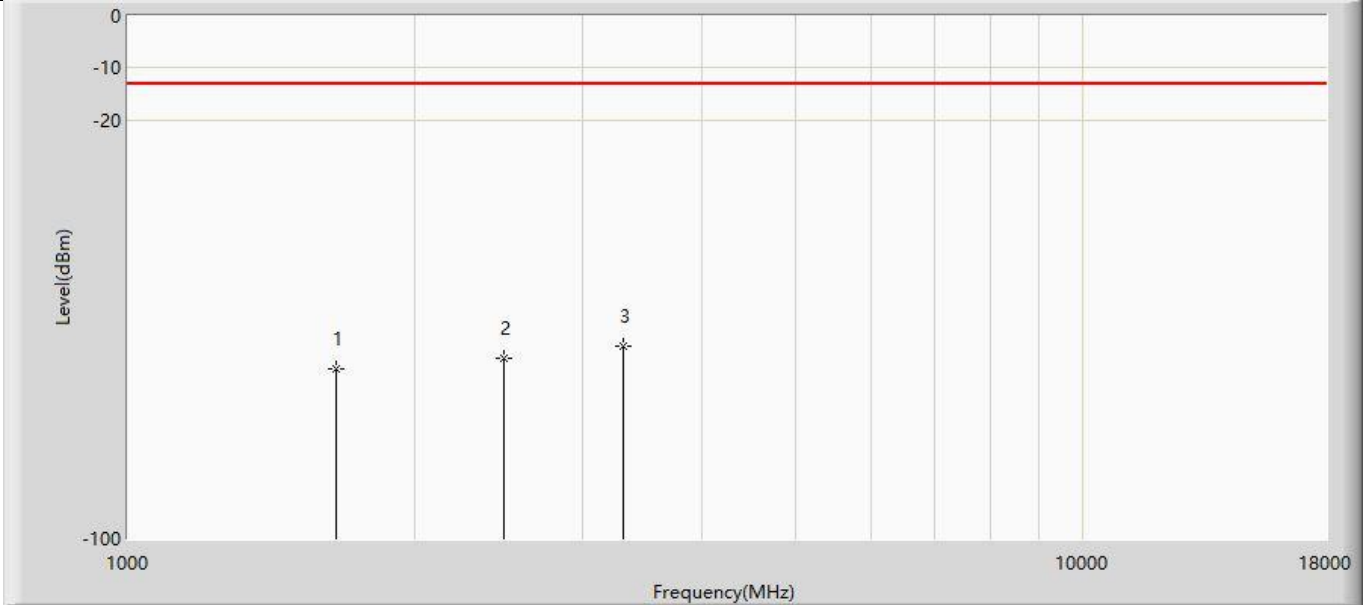
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Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 3:WCDMA band5 826.4MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1652.800	-68.251	-55.983	-55.251	-13.000	-12.268	PK
2		2479.200	-65.156	-55.352	-52.156	-13.000	-9.804	PK
3	*	3305.600	-63.685	-55.169	-50.685	-13.000	-8.516	PK



Profile: 2390387R	Page No.: 18
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 3:WCDMA band5 826.4MHz	

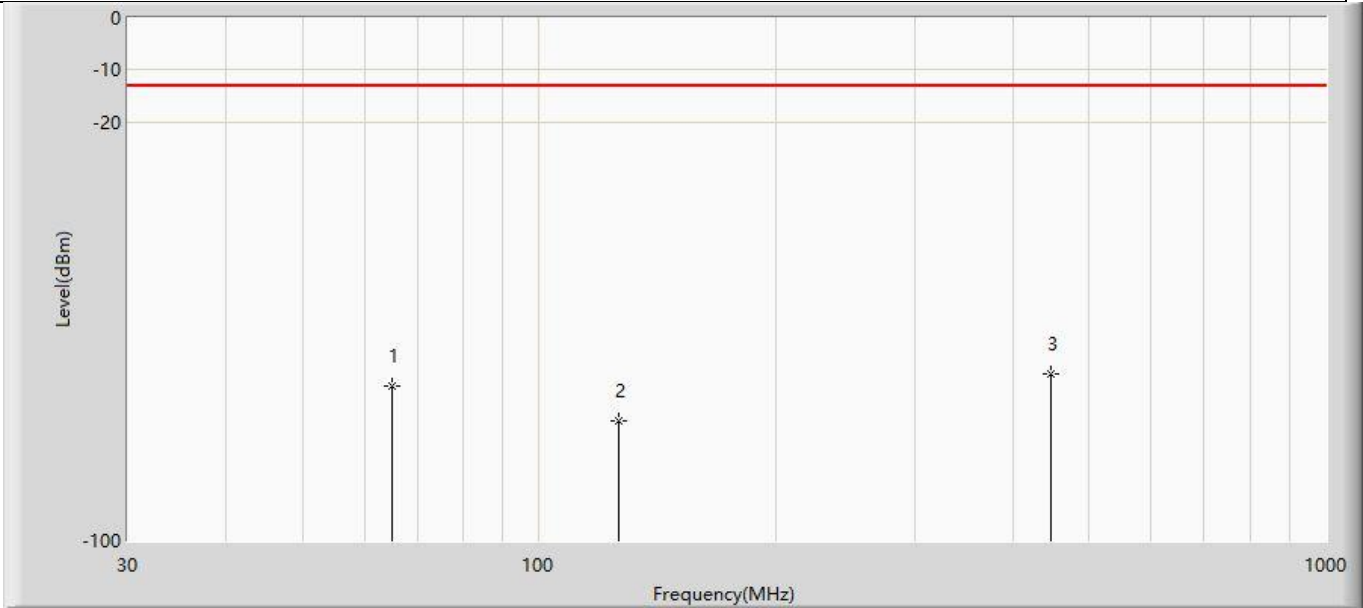


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1652.800	-67.583	-56.013	-54.583	-13.000	-11.570	PK
2		2479.200	-65.521	-55.901	-52.521	-13.000	-9.620	PK
3	*	3305.600	-63.272	-54.824	-50.272	-13.000	-8.448	PK



LTE Band2:

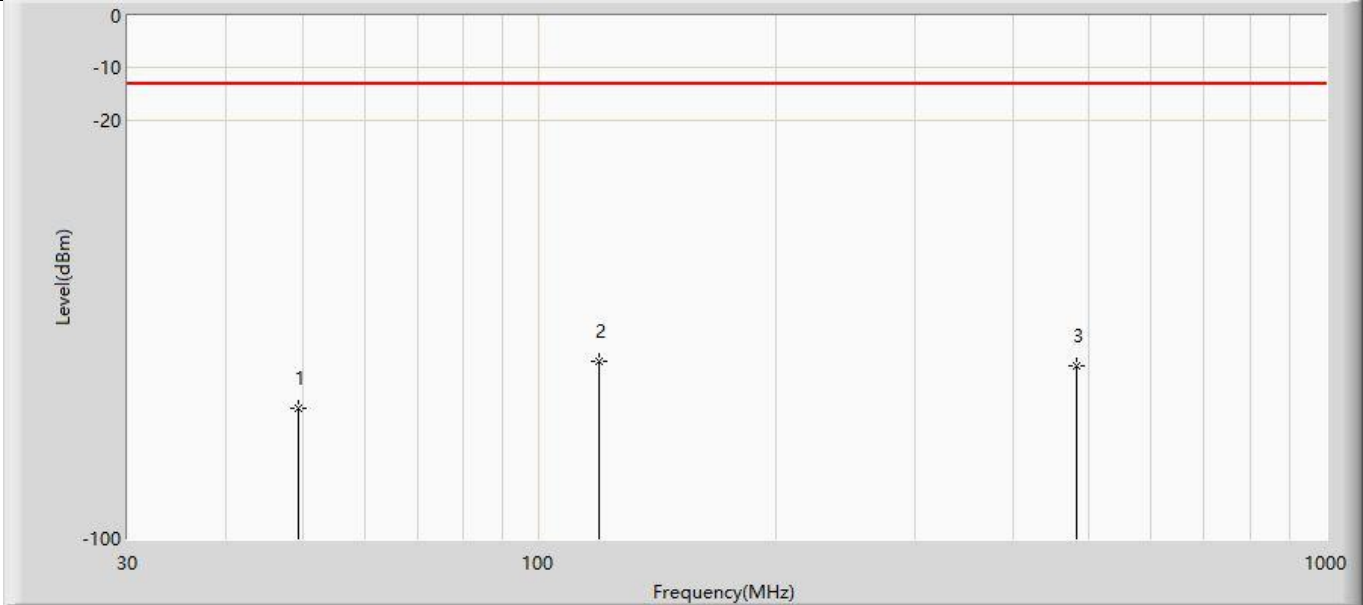
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 4:LTE band2 1850MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		64.920	-70.520	-96.130	-57.520	-13.000	25.610	PK
2		126.030	-77.005	-97.985	-64.005	-13.000	20.980	PK
3	*	448.070	-68.196	-96.836	-55.196	-13.000	28.640	PK



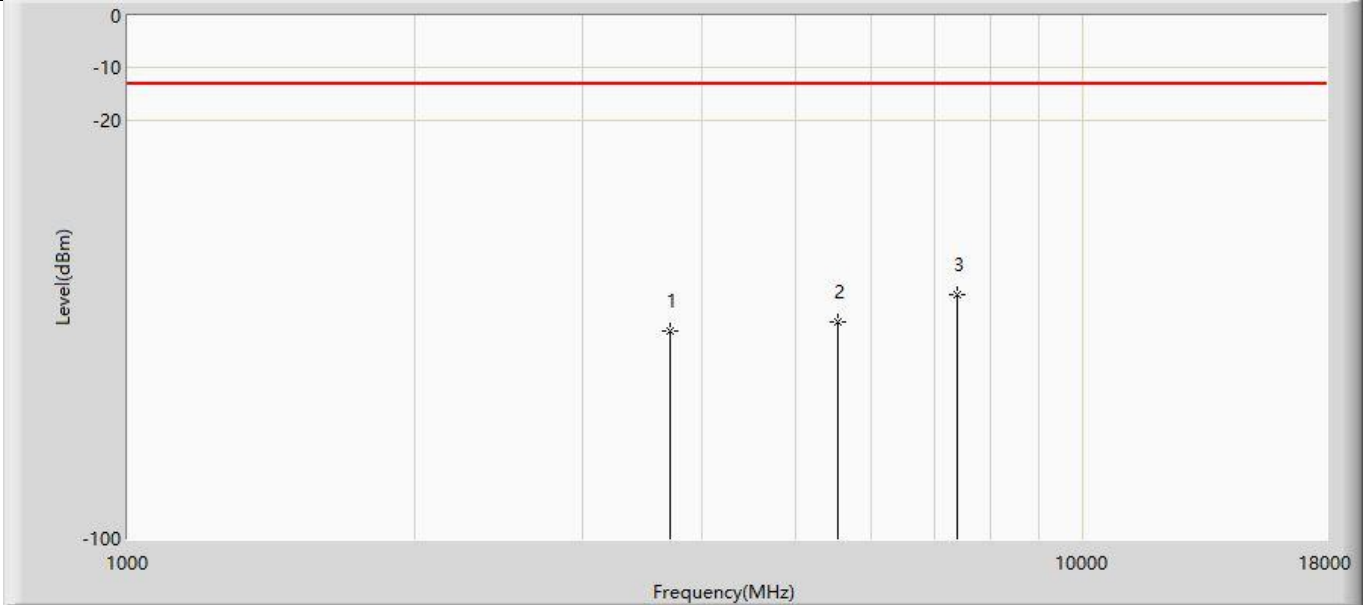
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 4:LTE band2 1850MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		49.400	-75.060	-96.280	-62.060	-13.000	21.220	PK
2	*	119.240	-66.019	-96.069	-53.019	-13.000	30.050	PK
3		481.050	-67.098	-96.078	-54.098	-13.000	28.980	PK



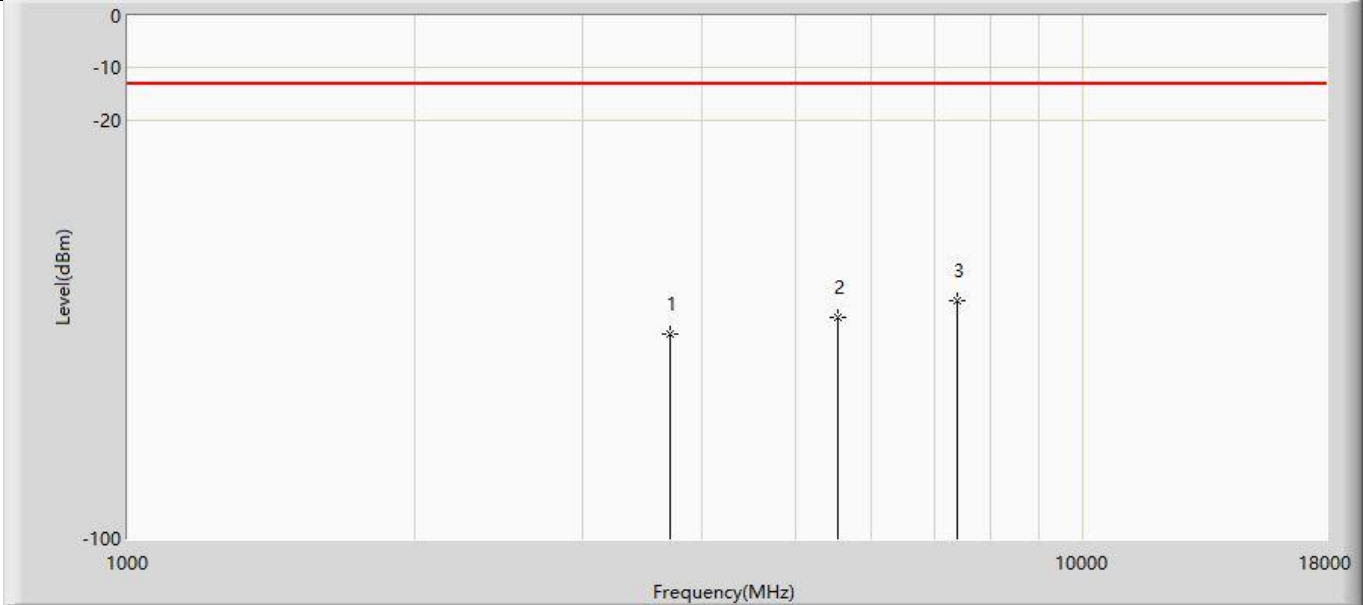
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Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 4:LTE band2 1850MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3700.000	-60.157	-53.999	-47.157	-13.000	-6.158	PK
2		5550.000	-58.627	-57.018	-45.627	-13.000	-1.609	PK
3	*	7400.000	-53.324	-56.413	-40.324	-13.000	3.089	PK



Profile: 2390387R	Page No.: 46
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 4:LTE band2 1850MHz	

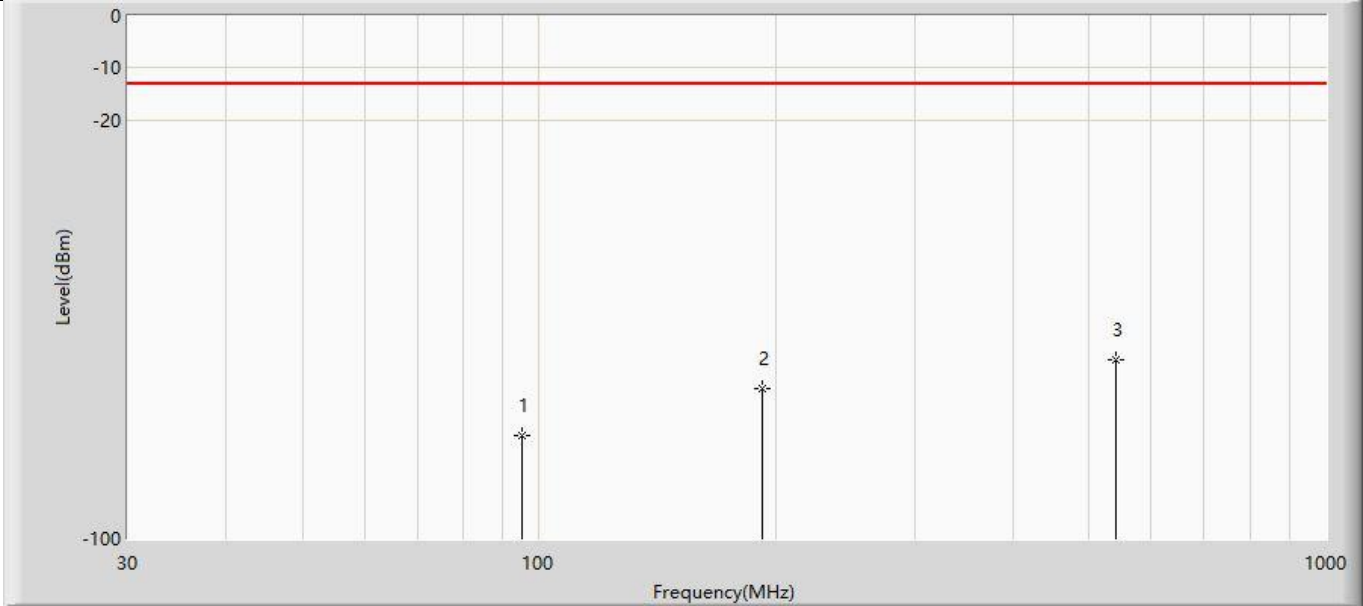


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3700.000	-60.986	-54.788	-47.986	-13.000	-6.198	PK
2		5550.000	-57.664	-57.190	-44.664	-13.000	-0.474	PK
3	*	7400.000	-54.365	-57.236	-41.365	-13.000	2.871	PK



LTE Band4:

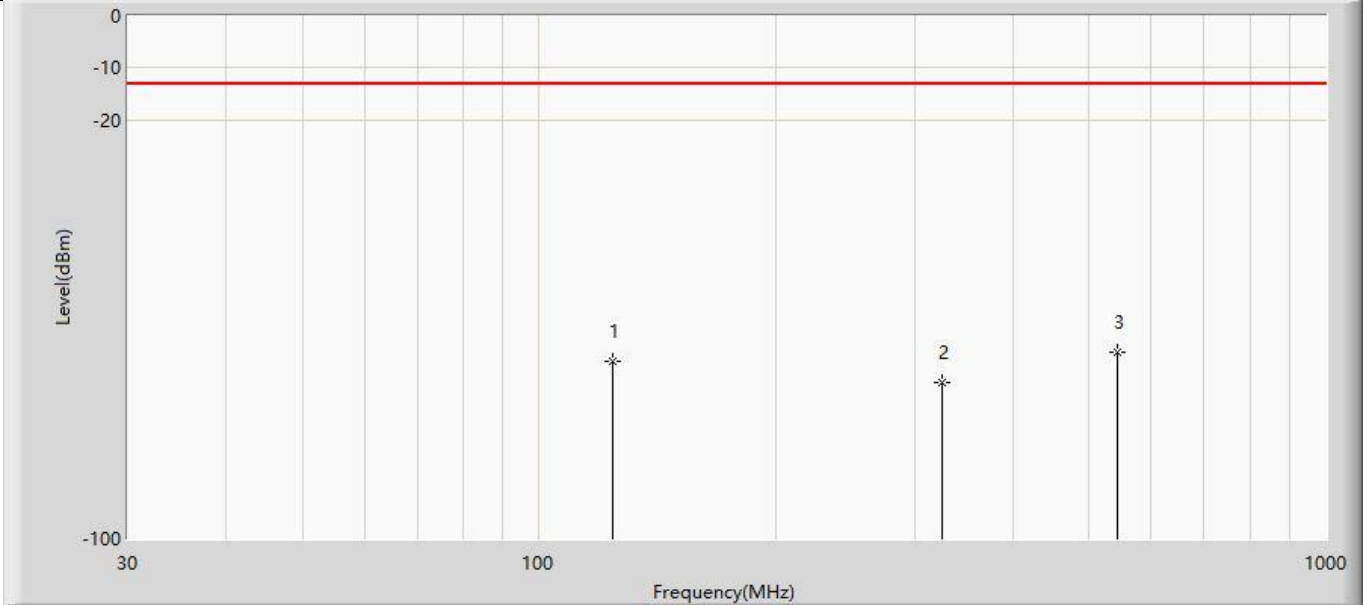
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 5:LTE band4 1710MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		94.990	-80.302	-97.512	-67.302	-13.000	17.210	PK
2		191.990	-71.160	-95.190	-58.160	-13.000	24.030	PK
3	*	540.220	-65.772	-96.172	-52.772	-13.000	30.400	PK



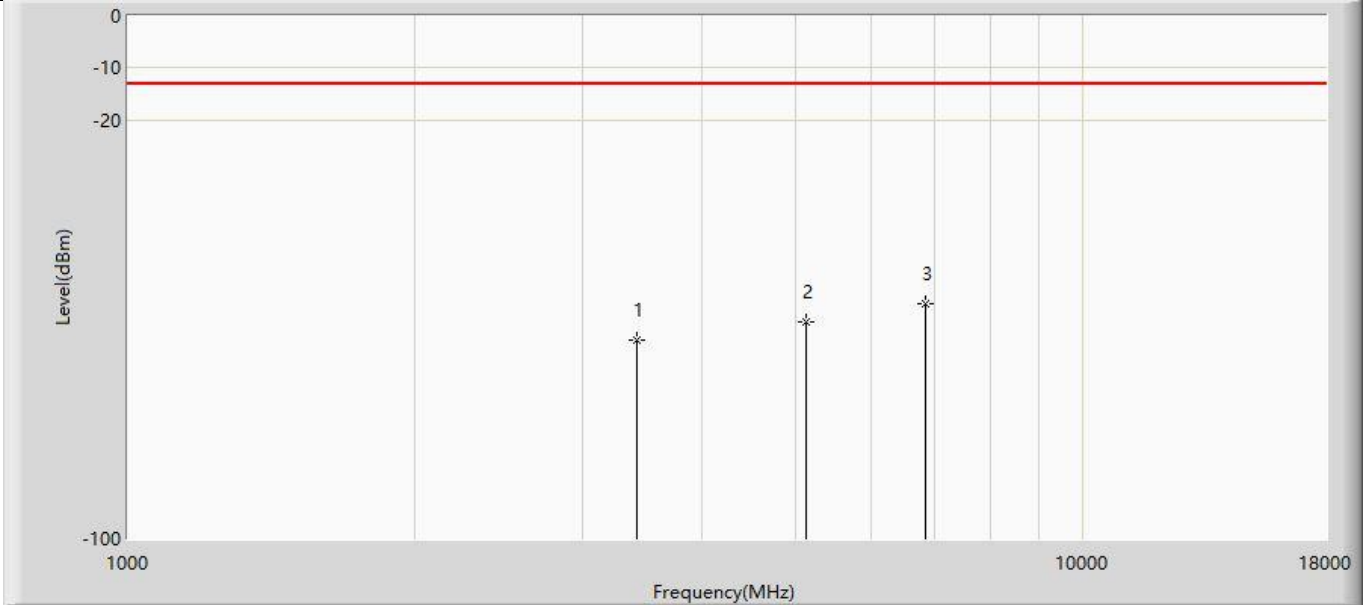
Profile: 2390387R	Page No.: 70
Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 5:LTE band4 1710MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		124.090	-66.055	-95.865	-53.055	-13.000	29.810	PK
2		325.850	-70.271	-97.081	-57.271	-13.000	26.810	PK
3	*	543.130	-64.219	-94.399	-51.219	-13.000	30.180	PK



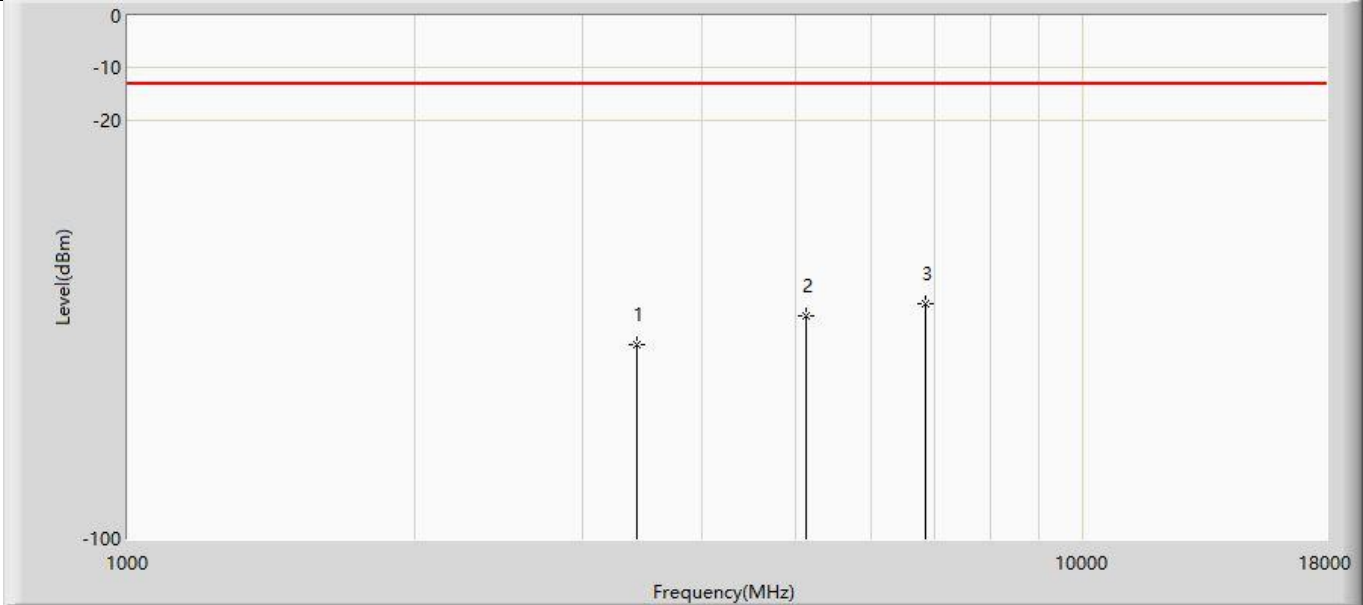
Profile: 2390387R	Page No.: 47
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 5:LTE band4 1710MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3420.000	-62.140	-53.836	-49.140	-13.000	-8.304	PK
2		5130.000	-58.589	-57.573	-45.589	-13.000	-1.016	PK
3	*	6840.000	-55.085	-56.731	-42.085	-13.000	1.646	PK



Profile: 2390387R	Page No.: 48
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:11
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 5:LTE band4 1710MHz	

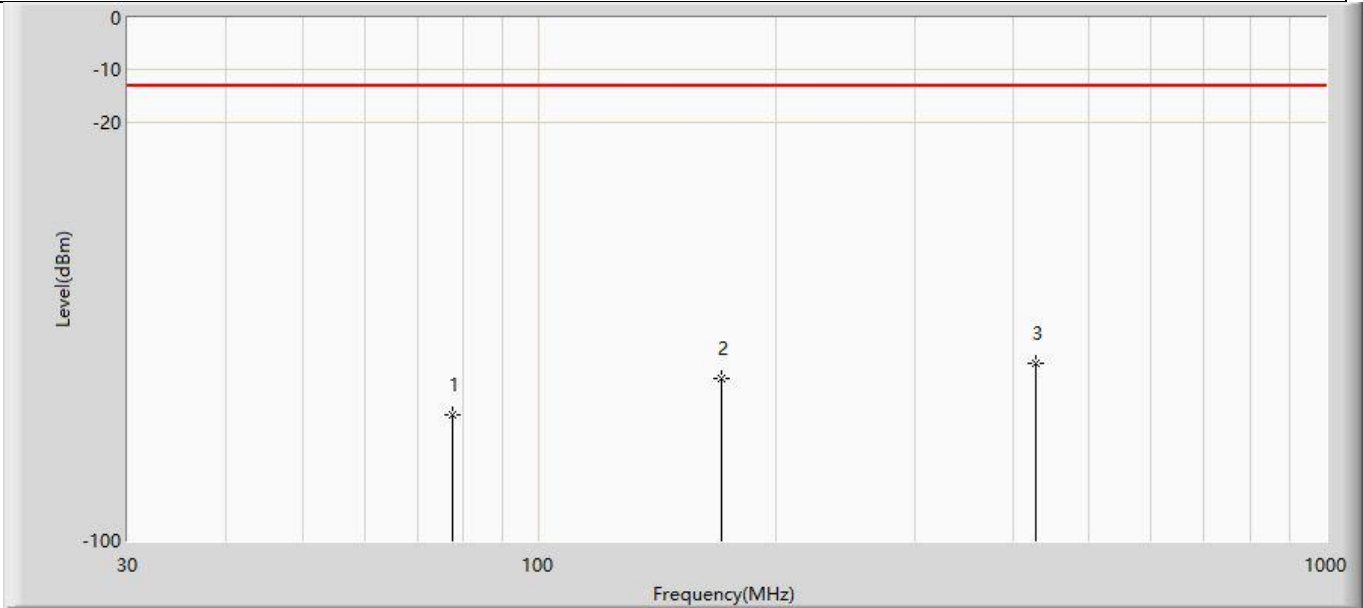


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3420.000	-63.008	-54.898	-50.008	-13.000	-8.110	PK
2		5130.000	-57.417	-56.455	-44.417	-13.000	-0.962	PK
3	*	6840.000	-55.016	-56.632	-42.016	-13.000	1.616	PK



LTE Band5:

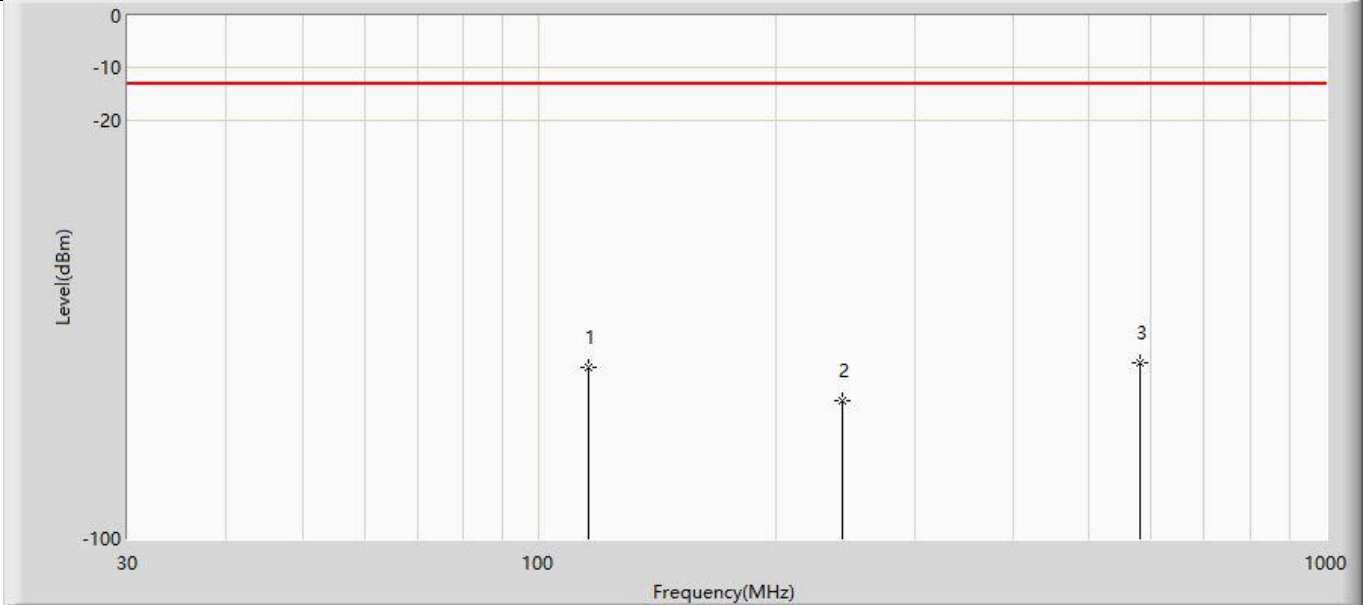
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 6:LTE band5 824MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		77.530	-76.008	-97.368	-63.008	-13.000	21.360	PK
2		170.650	-69.069	-93.379	-56.069	-13.000	24.310	PK
3	*	428.670	-66.017	-94.757	-53.017	-13.000	28.740	PK



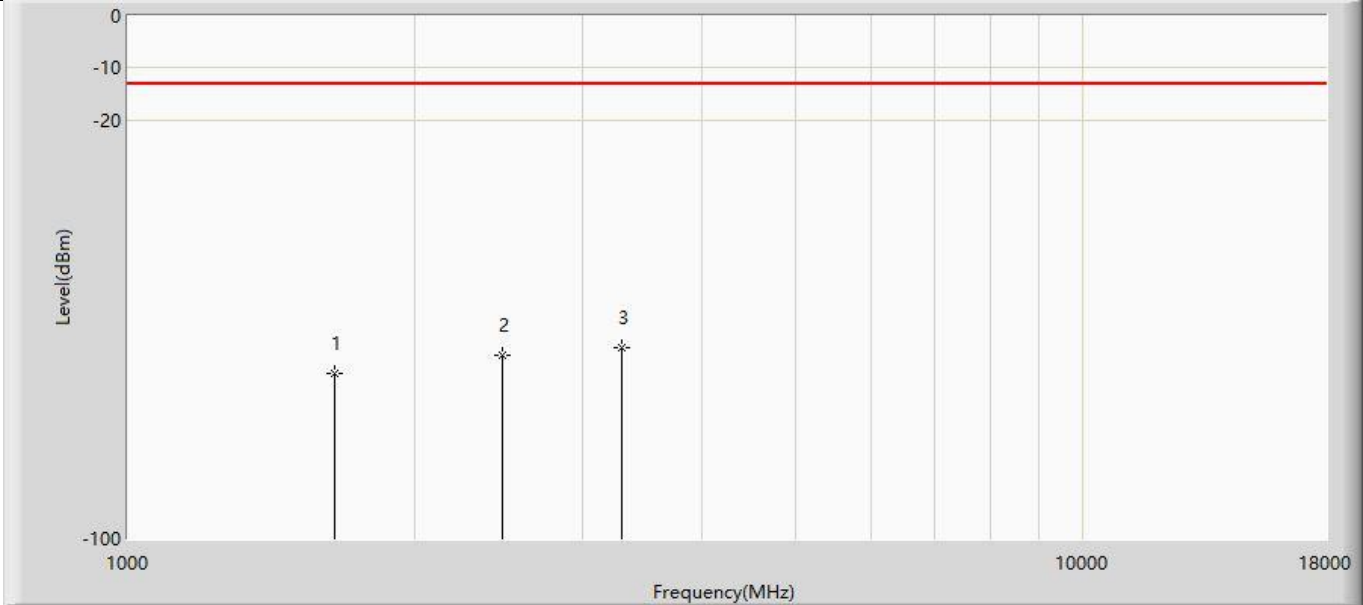
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 6:LTE band5 824MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		115.360	-67.319	-96.709	-54.319	-13.000	29.390	PK
2		242.430	-73.682	-96.632	-60.682	-13.000	22.950	PK
3	*	579.990	-66.305	-97.435	-53.305	-13.000	31.130	PK



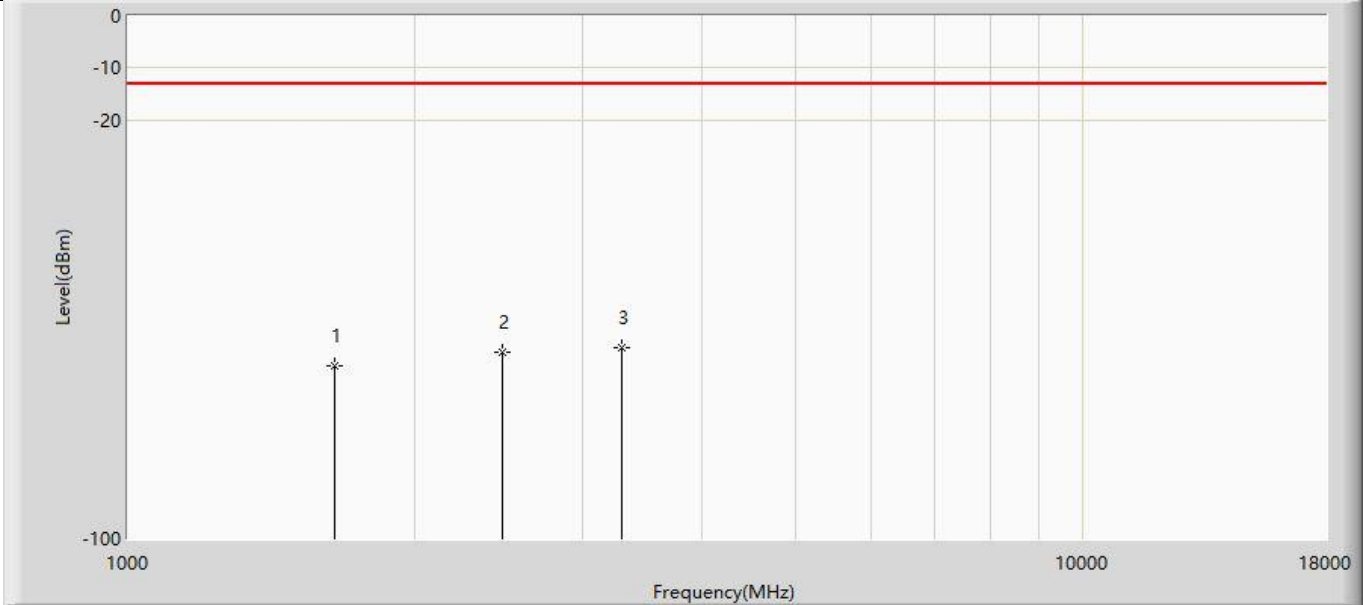
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Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 6:LTE band5 824MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1648.000	-68.414	-55.940	-55.414	-13.000	-12.474	PK
2		2472.000	-65.005	-55.361	-52.005	-13.000	-9.644	PK
3	*	3296.000	-63.411	-54.855	-50.411	-13.000	-8.556	PK



Profile: 2390387R	Page No.: 50
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 6:LTE band5 824MHz	

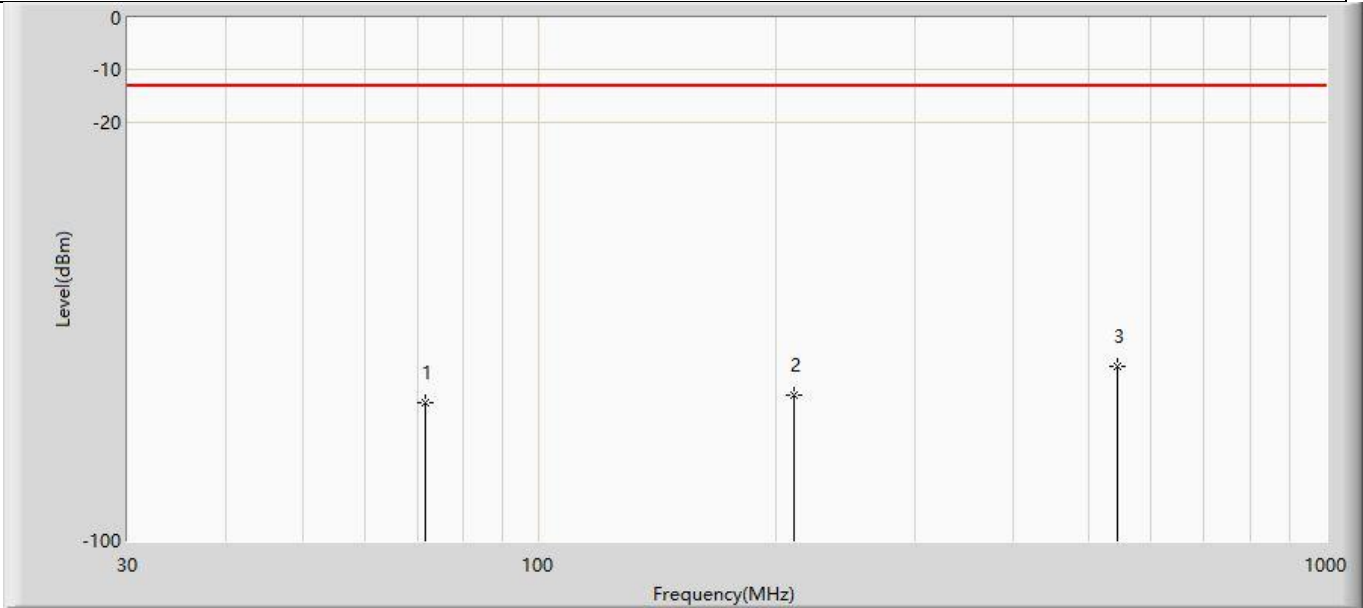


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1648.000	-66.842	-55.131	-53.842	-13.000	-11.711	PK
2		2472.000	-64.397	-54.789	-51.397	-13.000	-9.608	PK
3	*	3296.000	-63.392	-55.051	-50.392	-13.000	-8.341	PK



LTE Band12:

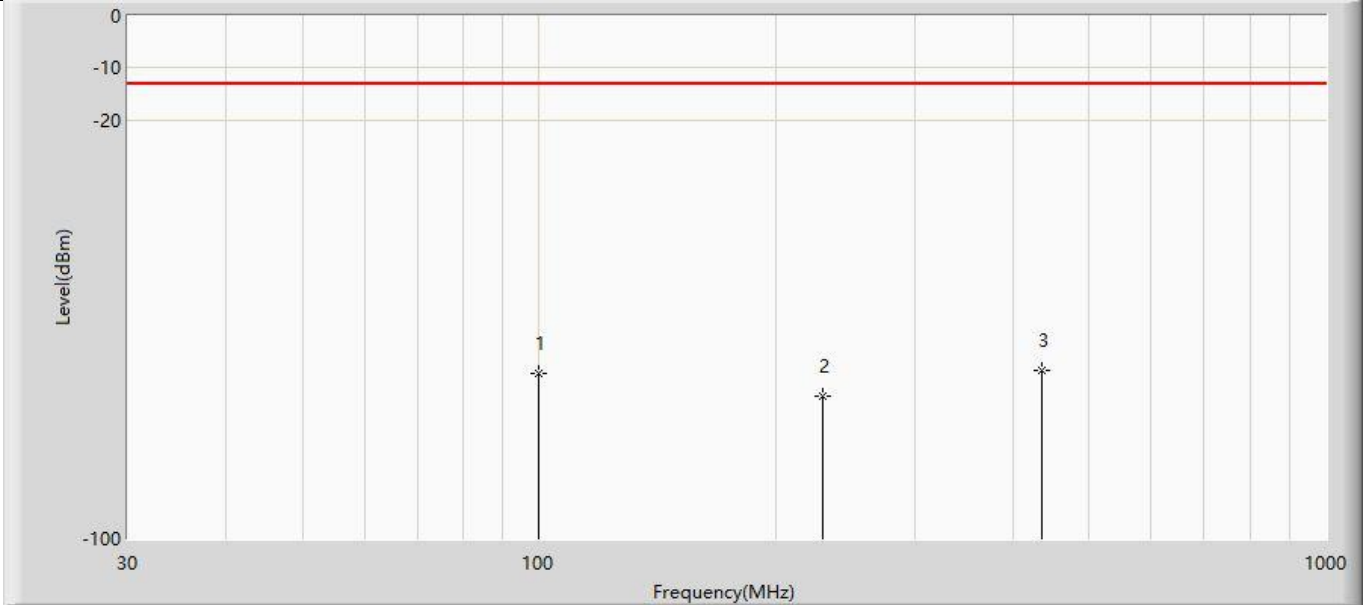
Profile: 2390387R	Page No.: 75
Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 7:LTE band12 699MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		71.710	-73.669	-97.189	-60.669	-13.000	23.520	PK
2		210.420	-72.095	-95.315	-59.095	-13.000	23.220	PK
3	*	543.130	-66.529	-97.039	-53.529	-13.000	30.510	PK



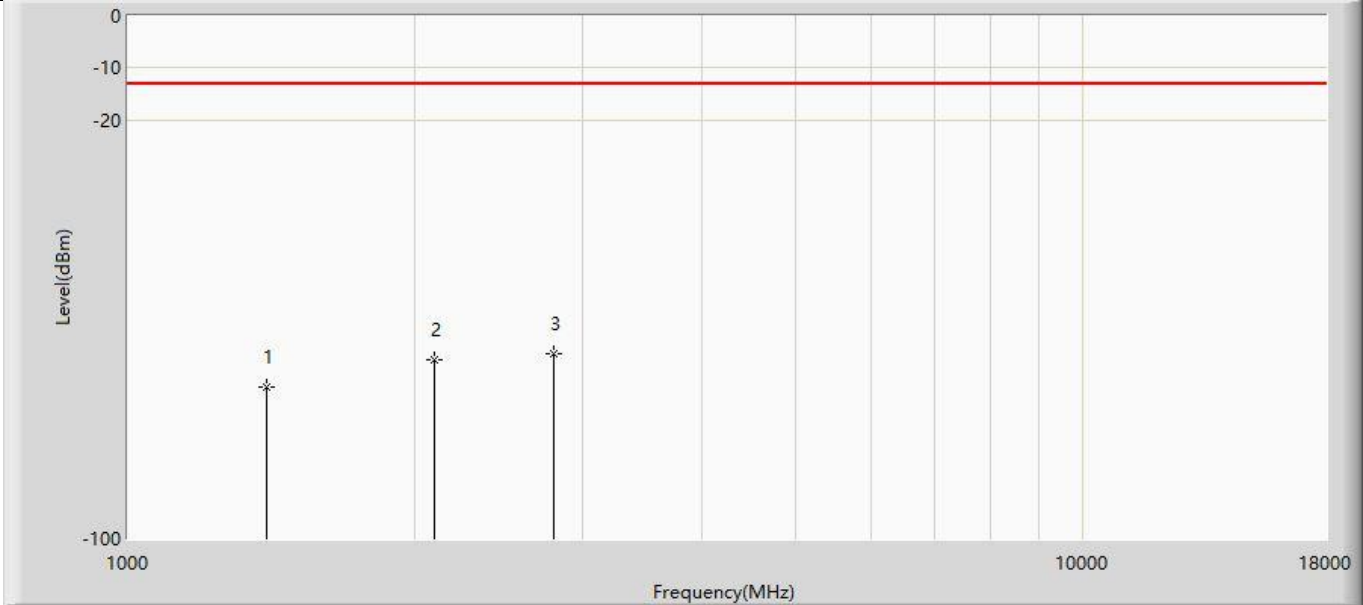
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 7:LTE band12 699MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		99.840	-68.519	-97.559	-55.519	-13.000	29.040	PK
2		229.820	-72.782	-95.902	-59.782	-13.000	23.120	PK
3	*	435.460	-67.912	-96.542	-54.912	-13.000	28.630	PK



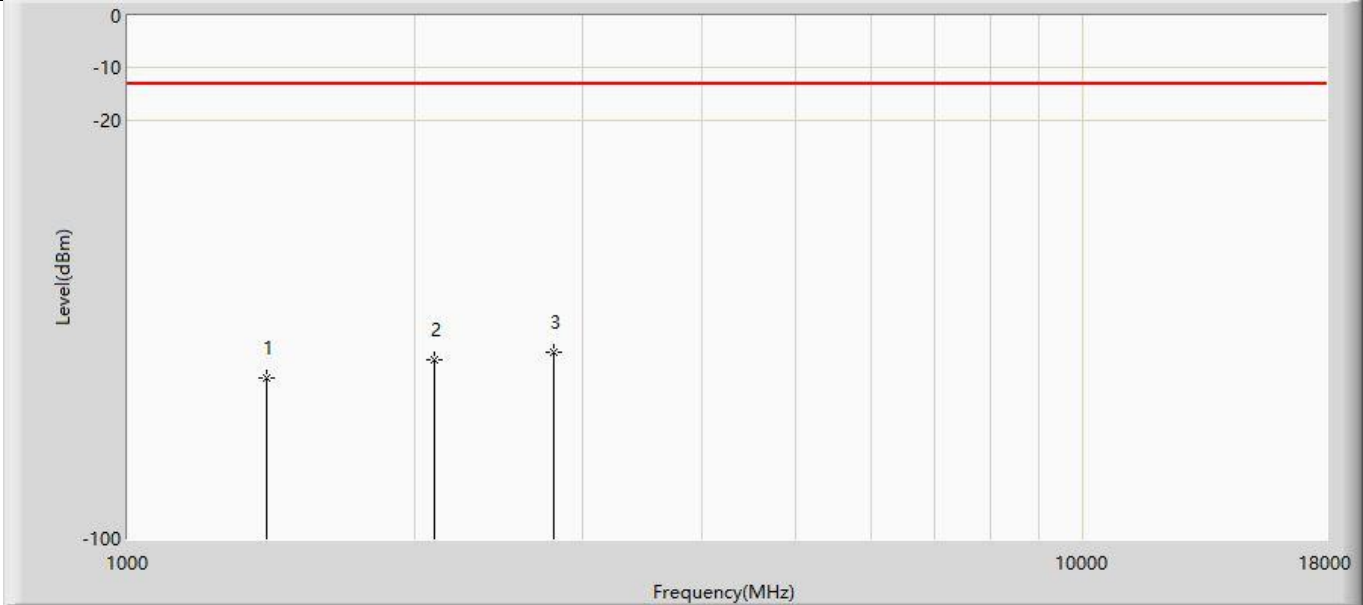
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Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 7:LTE band12 699MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1398.000	-70.943	-57.584	-57.943	-13.000	-13.359	PK
2		2097.000	-65.788	-55.521	-52.788	-13.000	-10.267	PK
3	*	2796.000	-64.579	-55.337	-51.579	-13.000	-9.242	PK



Profile: 2390387R	Page No.: 54
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 7:LTE band12 699MHz	

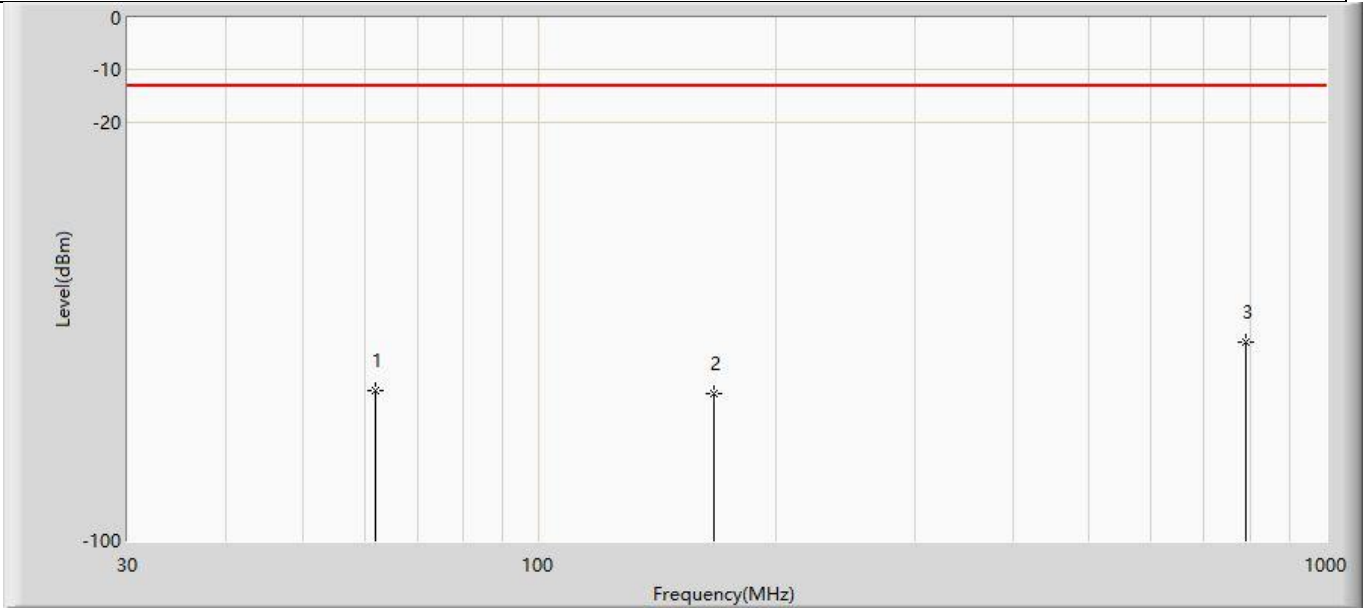


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1398.000	-69.144	-56.045	-56.144	-13.000	-13.099	PK
2		2097.000	-65.922	-56.284	-52.922	-13.000	-9.638	PK
3	*	2796.000	-64.210	-55.249	-51.210	-13.000	-8.961	PK



LTE Band13:

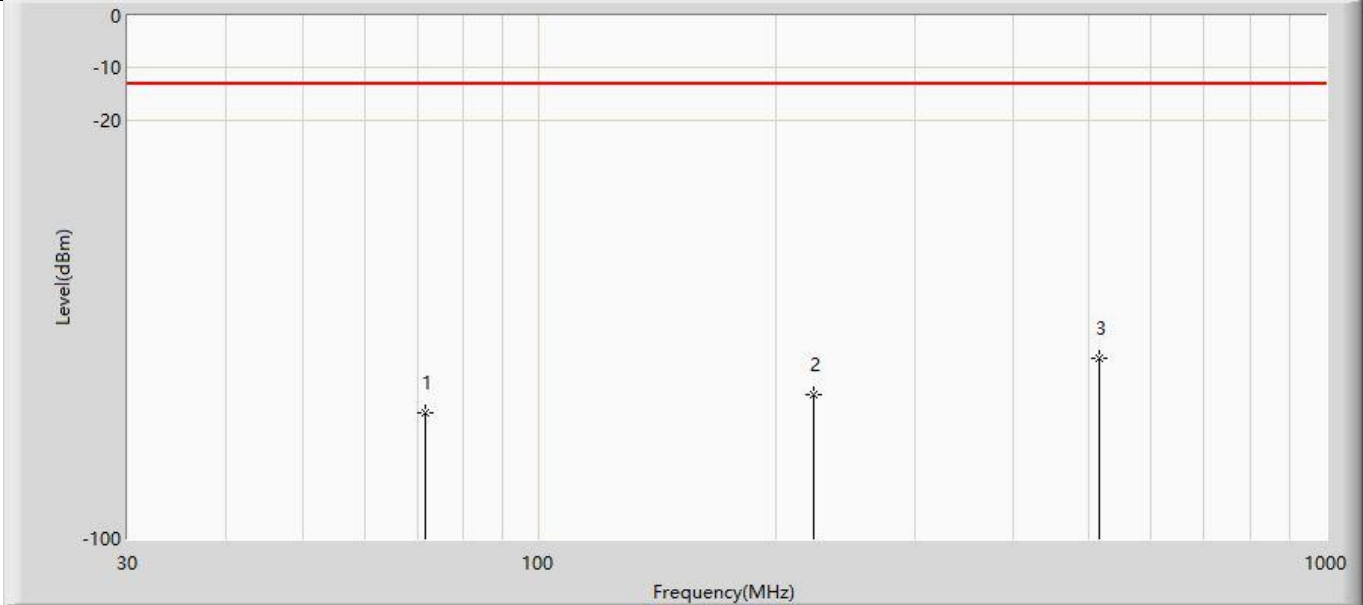
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 8:LTE band13 777MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		62.010	-71.232	-96.802	-58.232	-13.000	25.570	PK
2		166.770	-71.883	-95.963	-58.883	-13.000	24.080	PK
3	*	792.420	-61.925	-96.125	-48.925	-13.000	34.200	PK



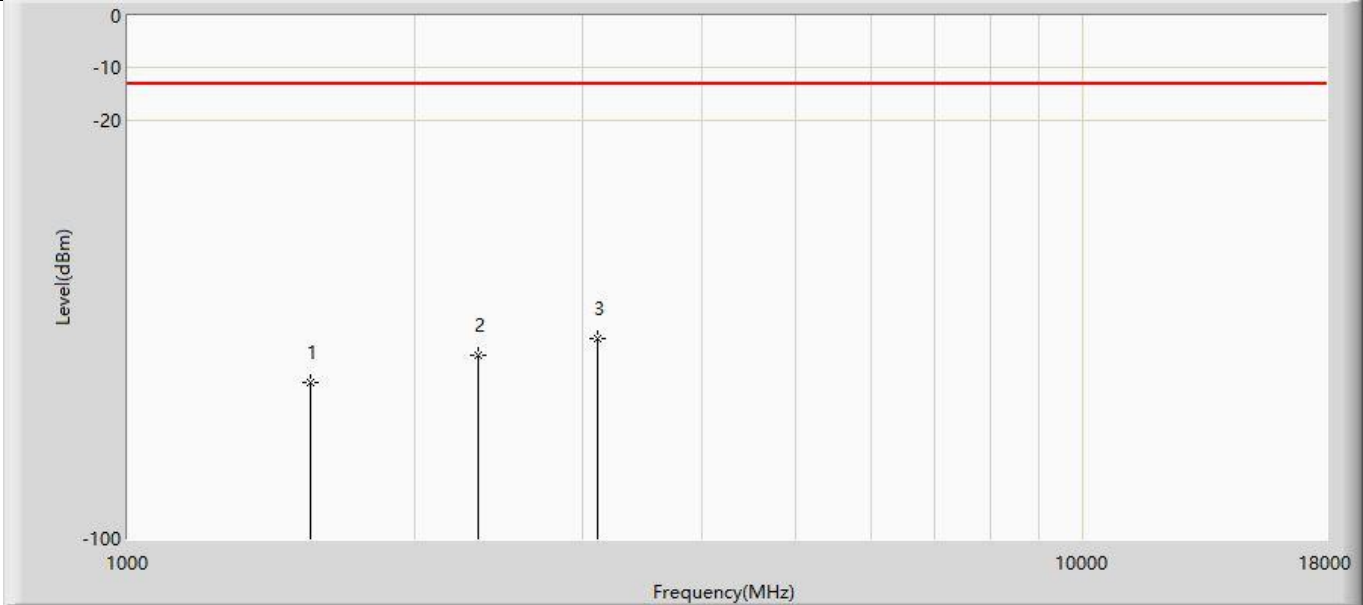
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 8:LTE band13 777MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		71.710	-75.907	-97.957	-62.907	-13.000	22.050	PK
2		223.030	-72.374	-95.294	-59.374	-13.000	22.920	PK
3	*	514.030	-65.519	-95.699	-52.519	-13.000	30.180	PK



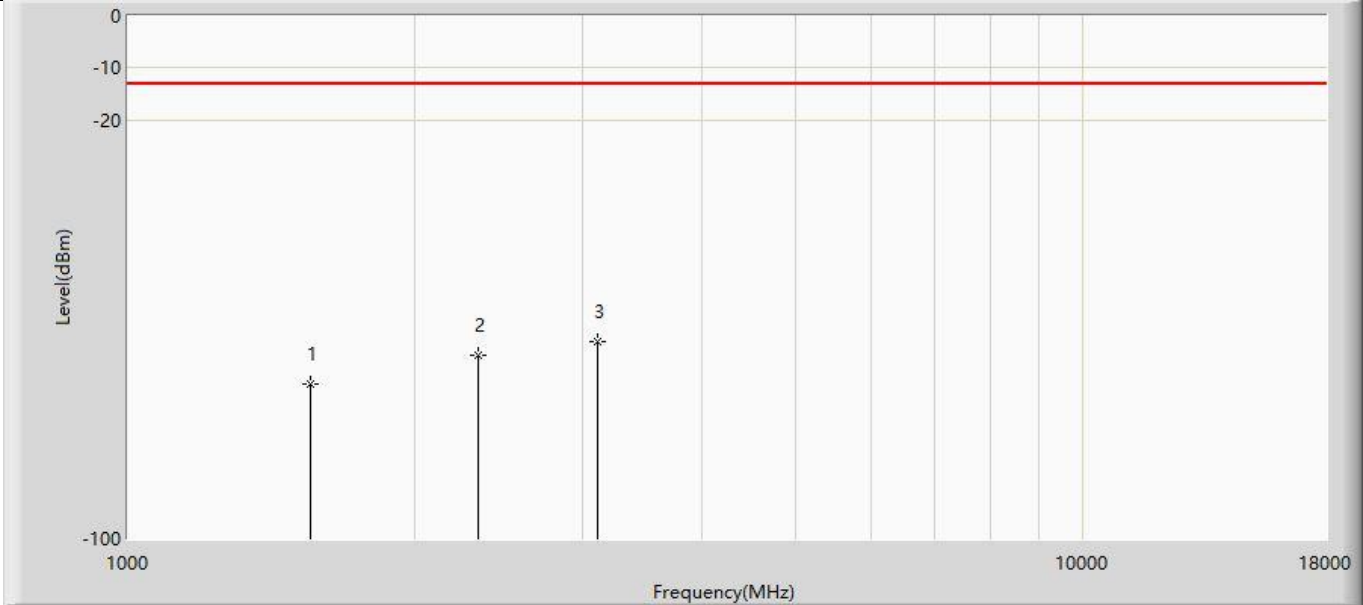
Profile: 2390387R	Page No.: 55
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 8:LTE band13 777MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1554.000	-70.061	-56.573	-57.061	-13.000	-13.488	PK
2		2331.000	-64.983	-55.101	-51.983	-13.000	-9.882	PK
3	*	3108.000	-61.664	-53.804	-48.664	-13.000	-7.860	PK



Profile: 2390387R	Page No.: 56
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 8:LTE band13 777MHz	

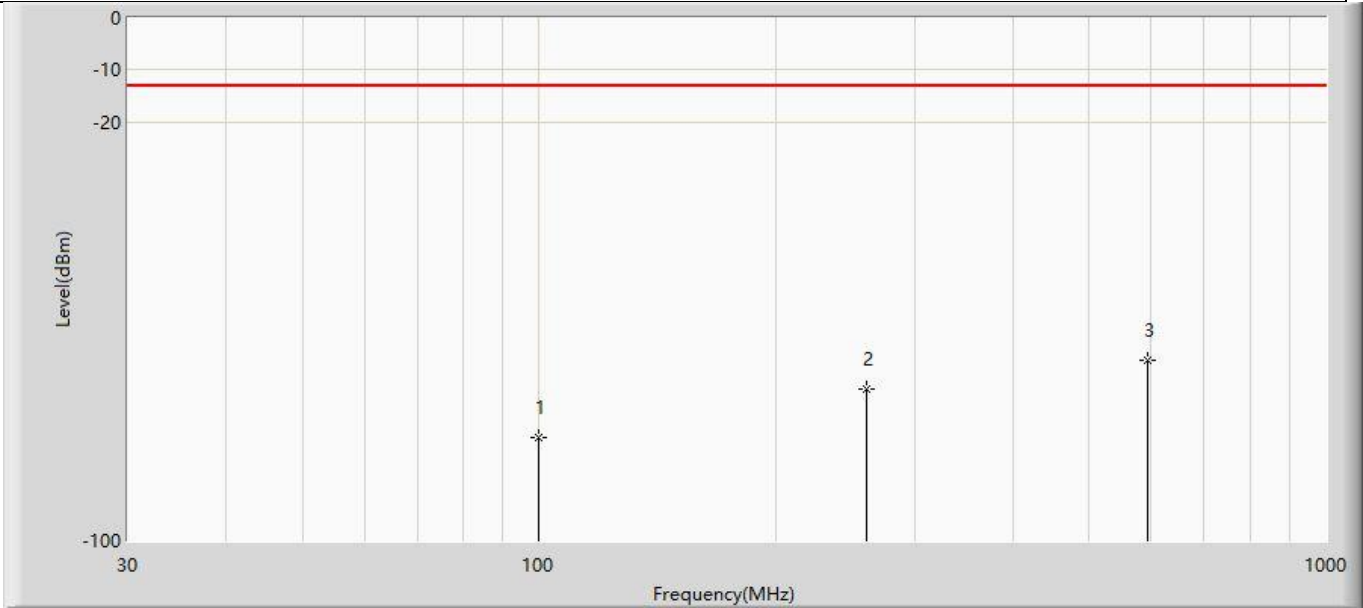


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1554.000	-70.442	-57.279	-57.442	-13.000	-13.163	PK
2		2331.000	-64.895	-55.356	-51.895	-13.000	-9.539	PK
3	*	3108.000	-62.271	-55.131	-49.271	-13.000	-7.140	PK



LTE Band17:

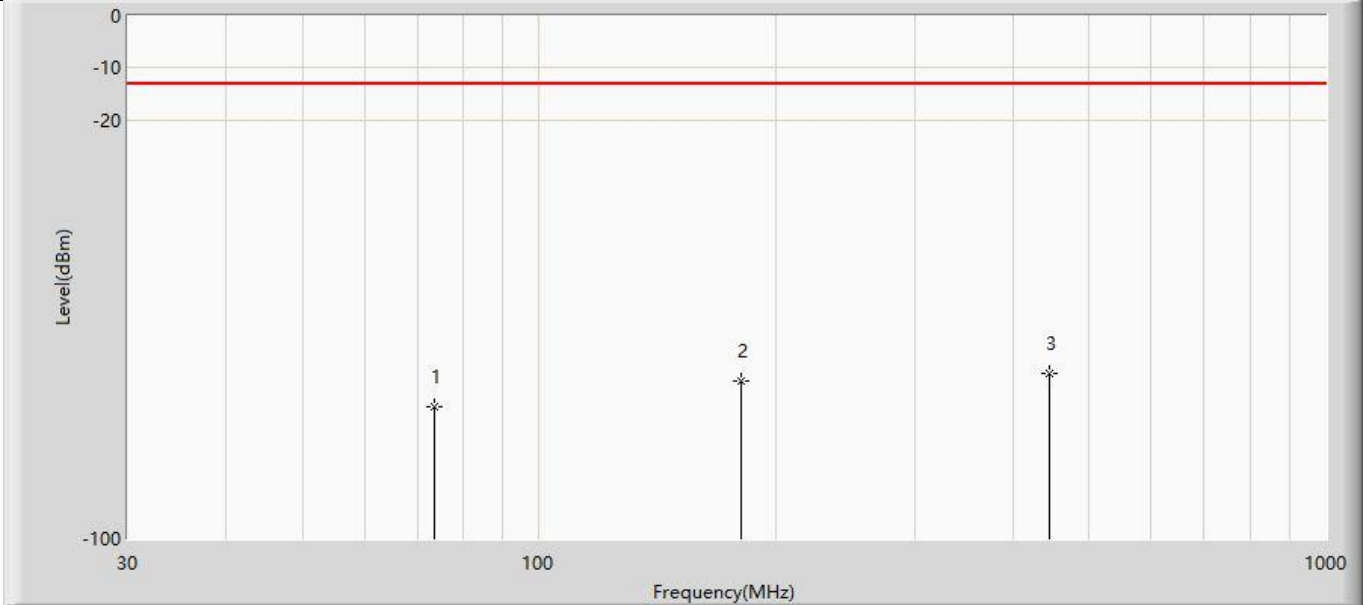
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 9:LTE band17 704MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		99.840	-80.282	-97.722	-67.282	-13.000	17.440	PK
2		260.860	-70.949	-95.819	-57.949	-13.000	24.870	PK
3	*	592.600	-65.569	-97.669	-52.569	-13.000	32.100	PK



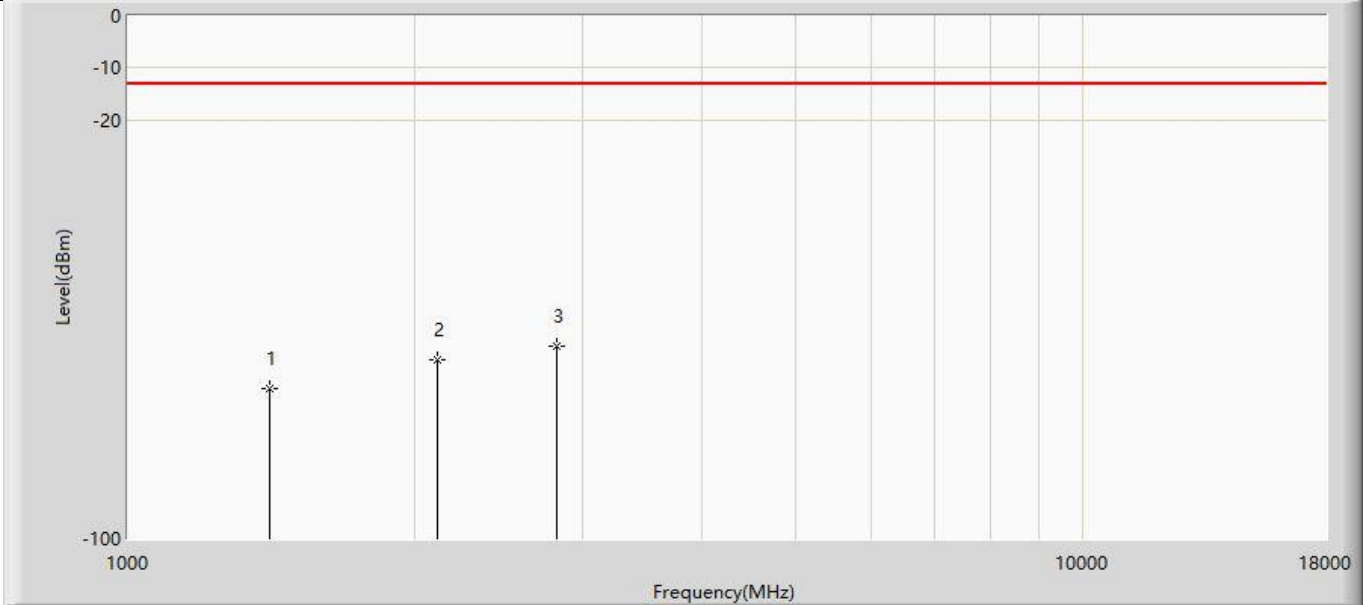
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 9:LTE band17 704MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		73.650	-74.905	-97.385	-61.905	-13.000	22.480	PK
2		180.350	-69.854	-94.124	-56.854	-13.000	24.270	PK
3	*	445.160	-68.499	-97.279	-55.499	-13.000	28.780	PK



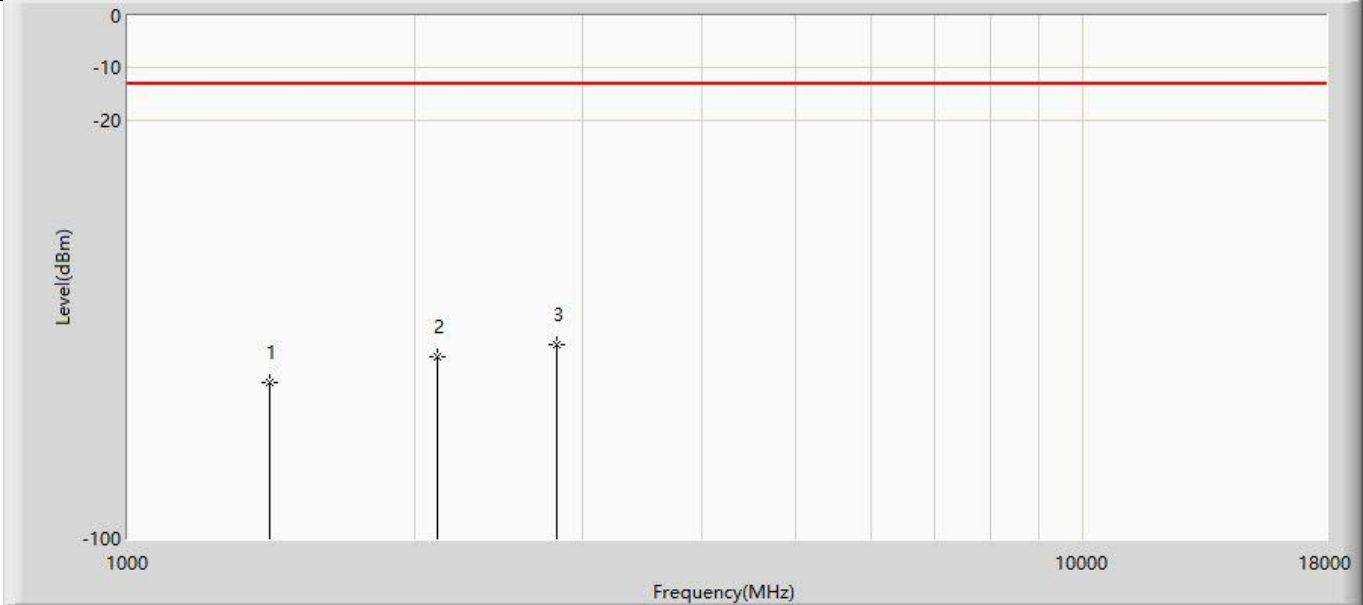
Profile: 2390387R	Page No.: 57
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 9:LTE band17 704MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1408.000	-71.344	-57.944	-58.344	-13.000	-13.400	PK
2		2112.000	-65.669	-55.486	-52.669	-13.000	-10.183	PK
3	*	2816.000	-63.072	-54.078	-50.072	-13.000	-8.994	PK



Profile: 2390387R	Page No.: 58
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 9:LTE band17 704MHz	

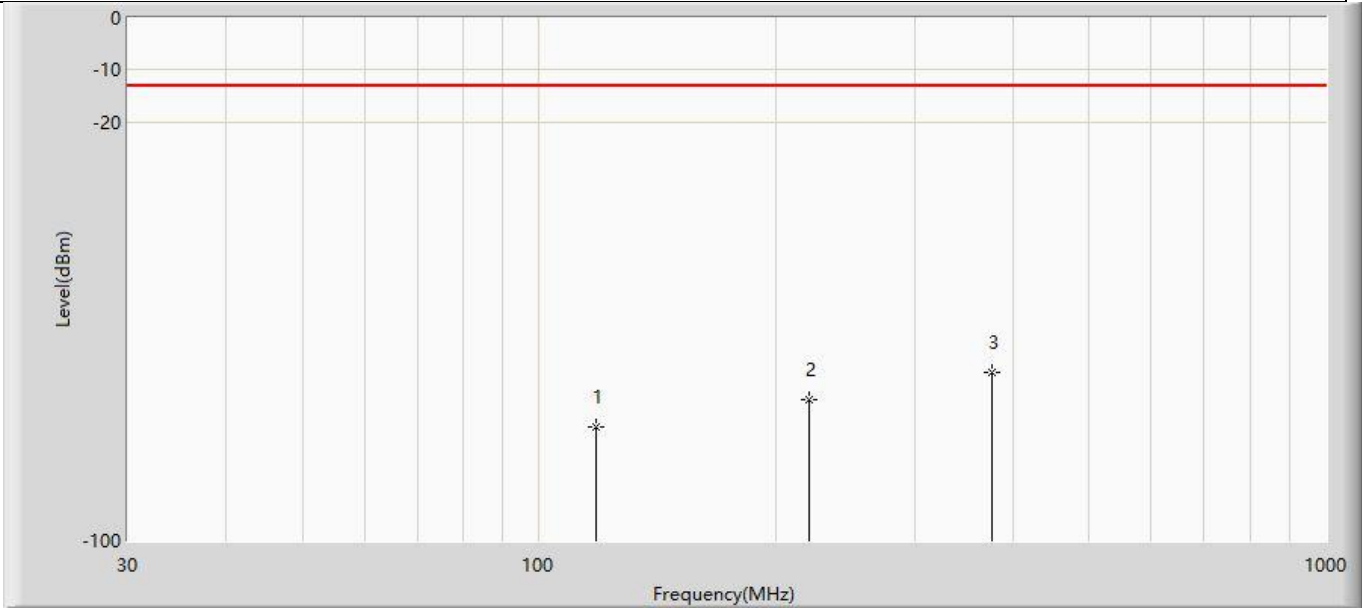


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1408.000	-70.249	-57.179	-57.249	-13.000	-13.070	PK
2		2112.000	-65.215	-55.494	-52.215	-13.000	-9.721	PK
3	*	2816.000	-62.975	-54.206	-49.975	-13.000	-8.769	PK



LTE Band25:

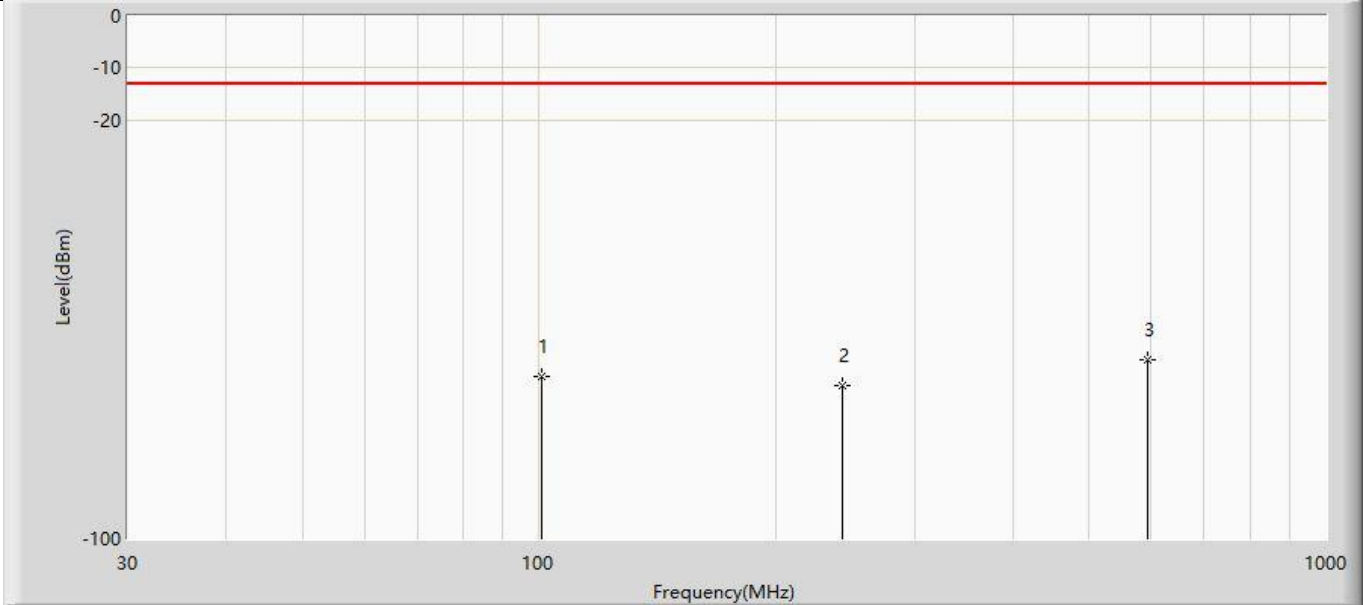
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 10:LTE band25 1850MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		118.270	-78.203	-98.333	-65.203	-13.000	20.130	PK
2		220.120	-73.178	-96.778	-60.178	-13.000	23.600	PK
3	*	376.290	-67.855	-95.225	-54.855	-13.000	27.370	PK



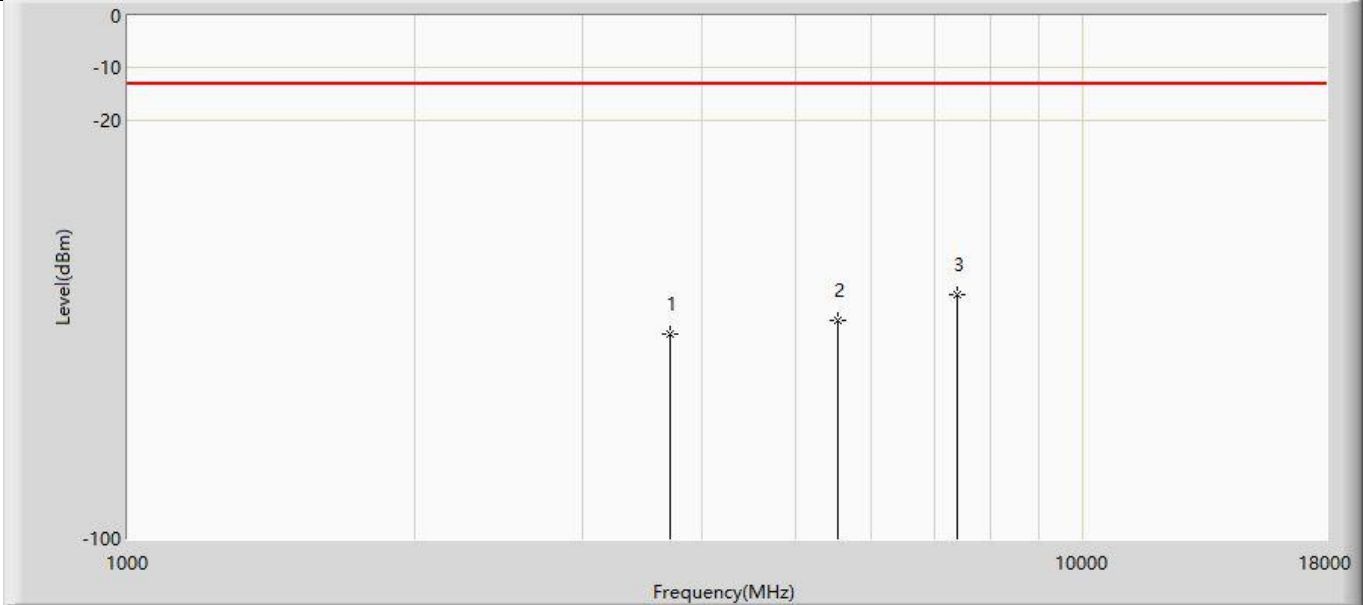
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:13
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 10:LTE band25 1850MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		100.810	-69.106	-97.976	-56.106	-13.000	28.870	PK
2		242.430	-70.661	-93.611	-57.661	-13.000	22.950	PK
3	*	592.600	-65.679	-97.289	-52.679	-13.000	31.610	PK



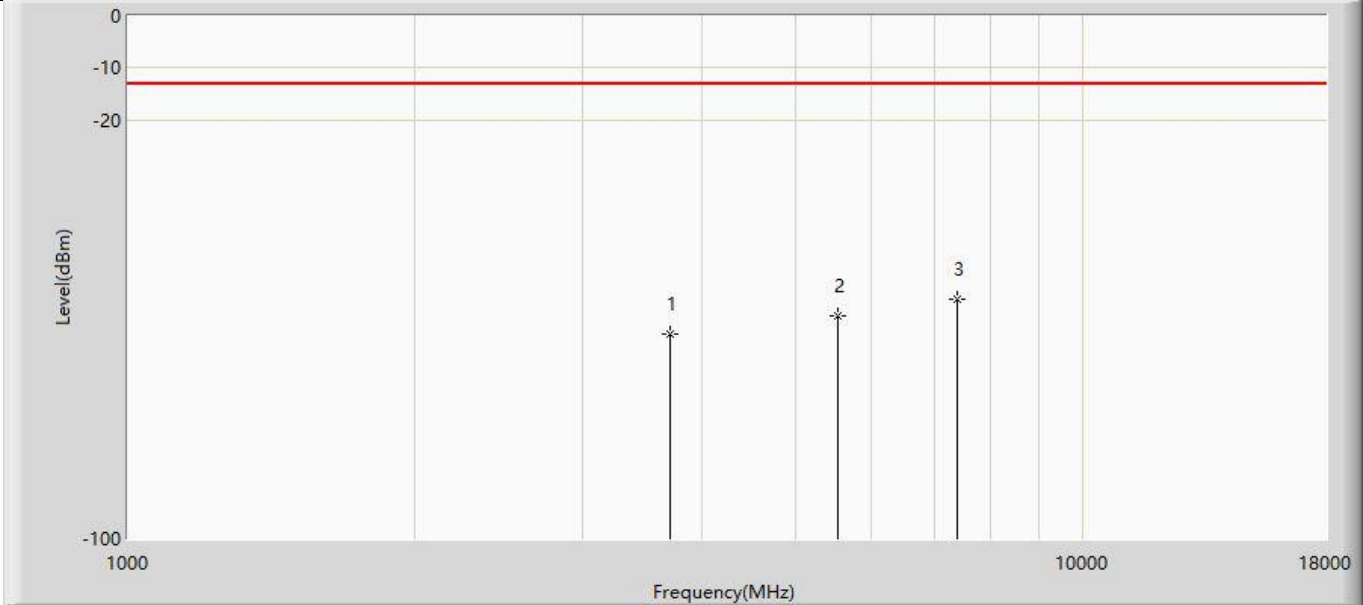
Profile: 2390387R	Page No.: 59
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 10:LTE band25 1850MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3700.000	-60.740	-54.582	-47.740	-13.000	-6.158	PK
2		5550.000	-58.313	-56.704	-45.313	-13.000	-1.609	PK
3	*	7400.000	-53.339	-56.428	-40.339	-13.000	3.089	PK



Profile: 2390387R	Page No.: 60
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 10:LTE band25 1850MHz	

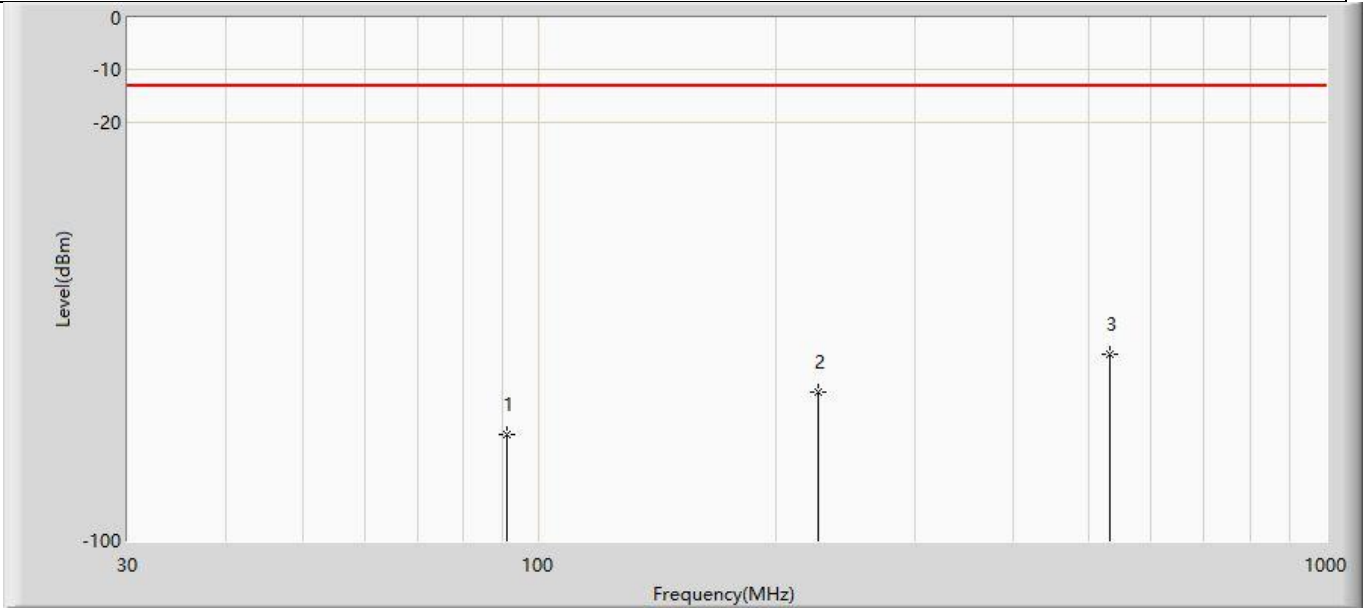


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		3700.000	-60.832	-54.634	-47.832	-13.000	-6.198	PK
2		5550.000	-57.305	-56.831	-44.305	-13.000	-0.474	PK
3	*	7400.000	-54.303	-57.174	-41.303	-13.000	2.871	PK



LTE Band26:

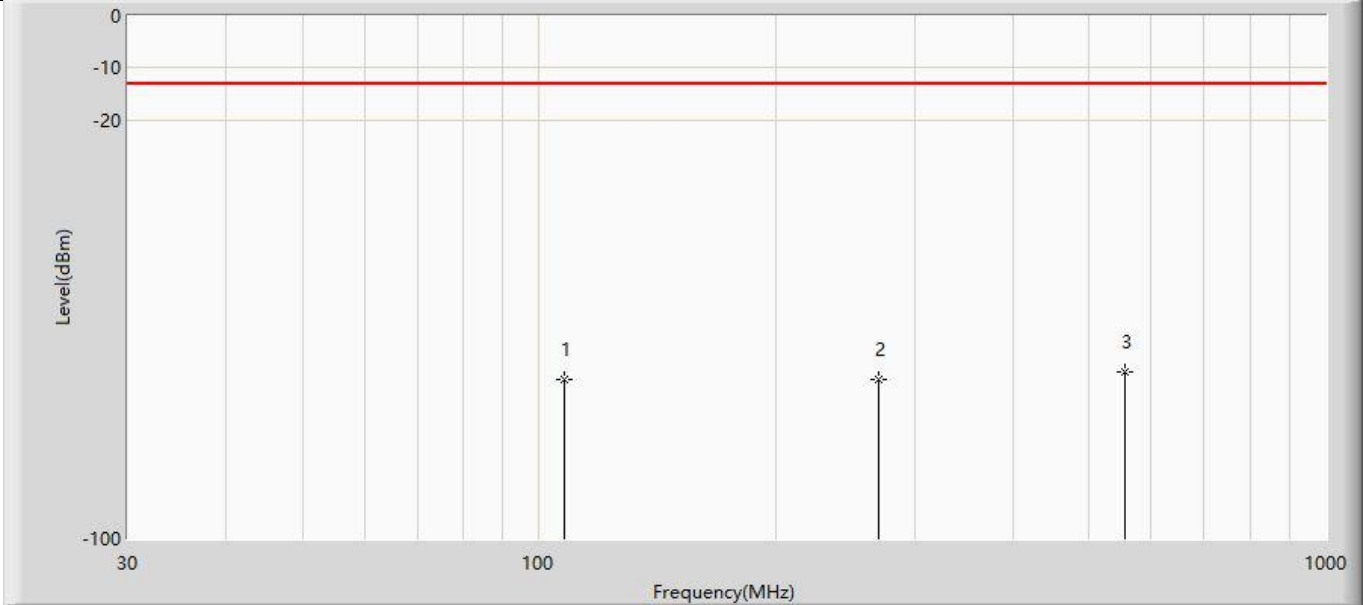
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:14
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 11:LTE band26 814MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		91.110	-79.774	-97.214	-66.774	-13.000	17.440	PK
2		225.940	-71.724	-96.214	-58.724	-13.000	24.490	PK
3	*	531.490	-64.475	-94.525	-51.475	-13.000	30.050	PK



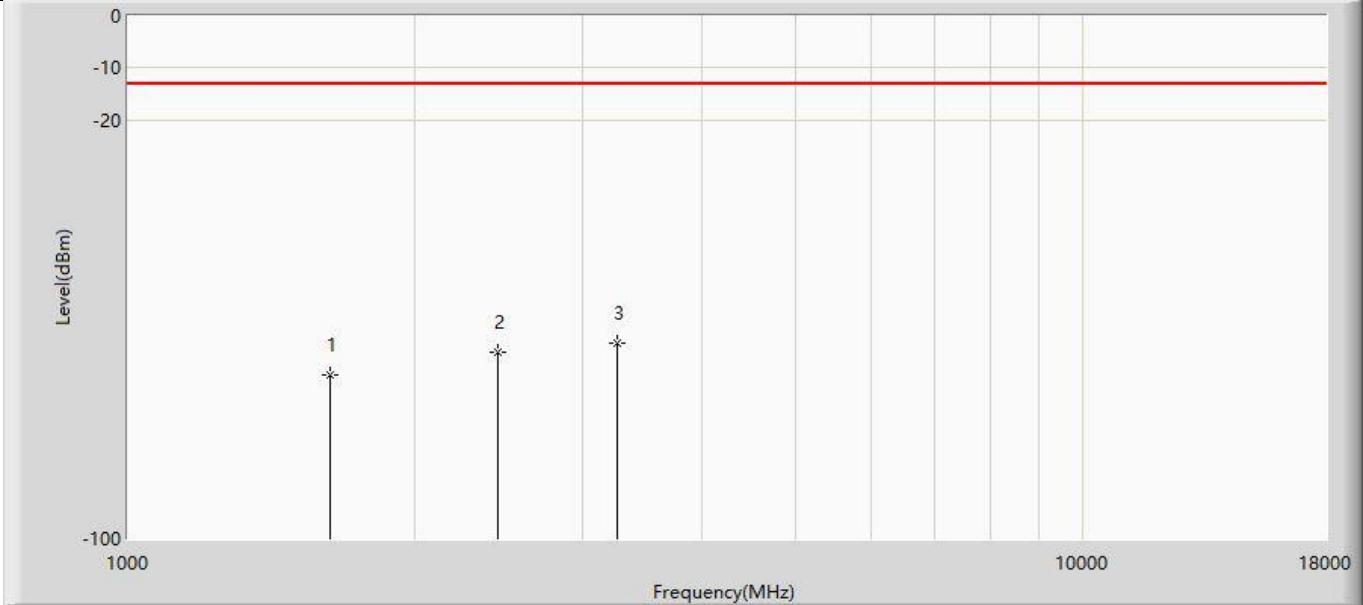
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:14
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 11:LTE band26 814MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		107.600	-69.547	-98.647	-56.547	-13.000	29.100	PK
2		269.590	-69.428	-94.388	-56.428	-13.000	24.960	PK
3	*	554.770	-68.199	-98.389	-55.199	-13.000	30.190	PK



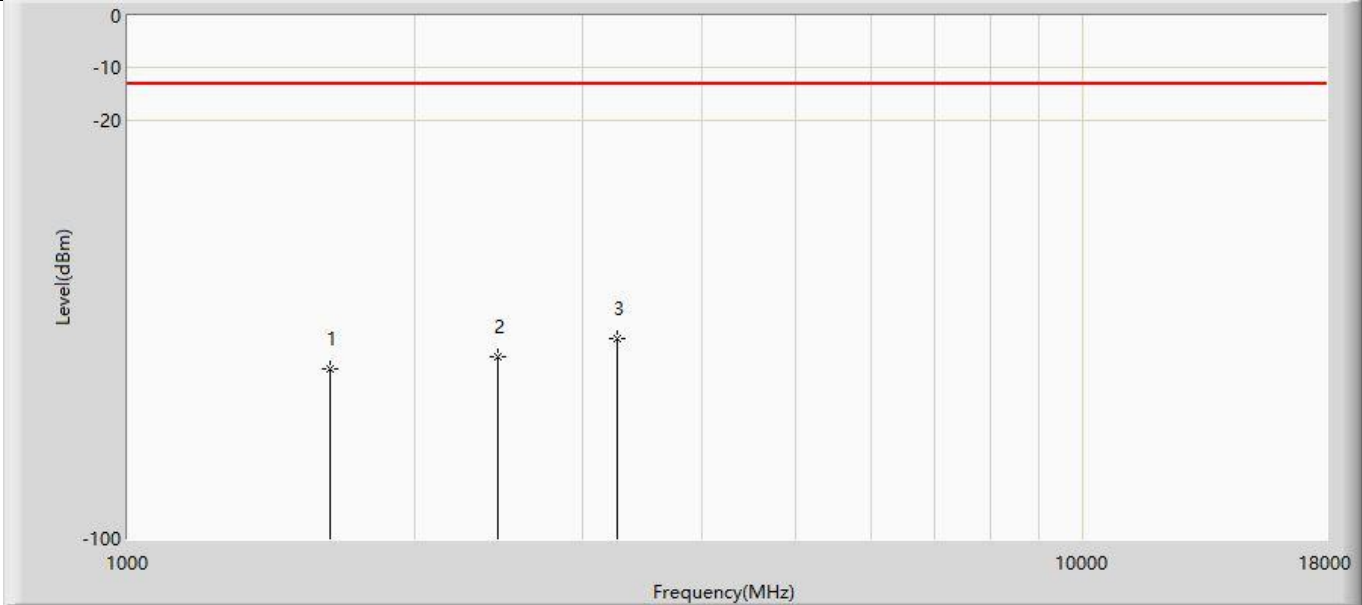
Profile: 2390387R	Page No.: 61
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 11:LTE band26 814MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1628.000	-68.745	-55.773	-55.745	-13.000	-12.972	PK
2		2442.000	-64.410	-55.155	-51.410	-13.000	-9.255	PK
3	*	3256.000	-62.569	-54.123	-49.569	-13.000	-8.446	PK



Profile: 2390387R	Page No.: 62
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/21 - 08:12
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 11:LTE band26 814MHz	

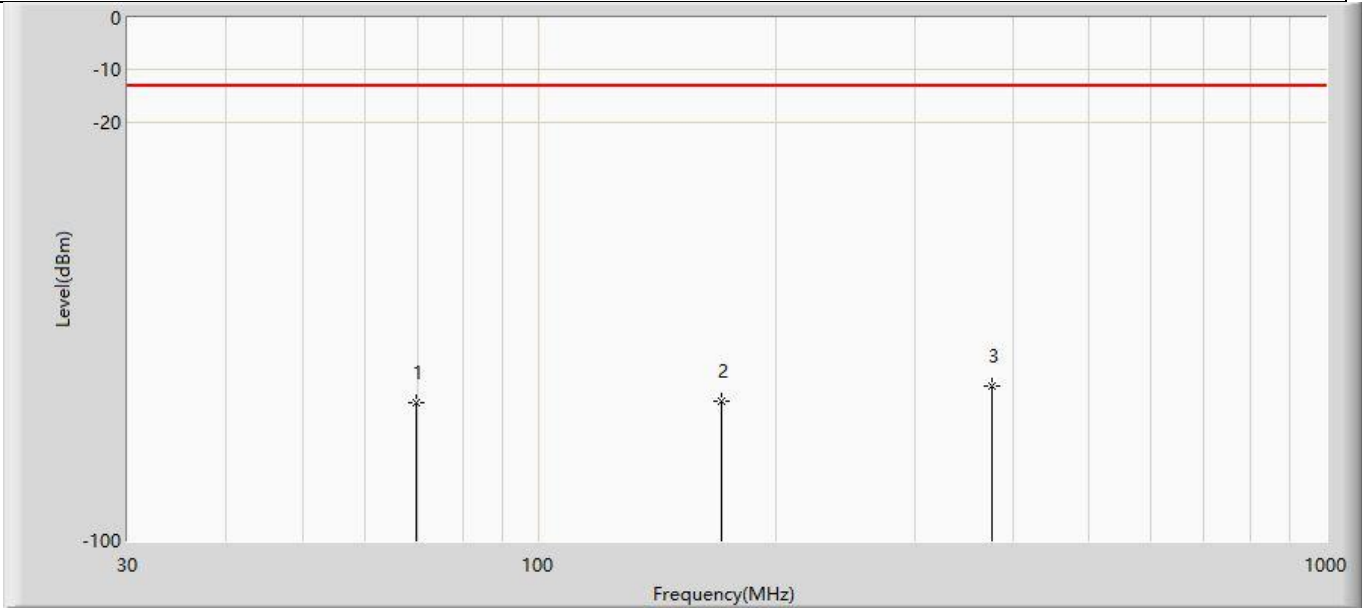


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1628.000	-67.490	-55.435	-54.490	-13.000	-12.055	PK
2		2442.000	-65.206	-55.579	-52.206	-13.000	-9.627	PK
3	*	3256.000	-61.753	-53.624	-48.753	-13.000	-8.129	PK



LTE Band41:

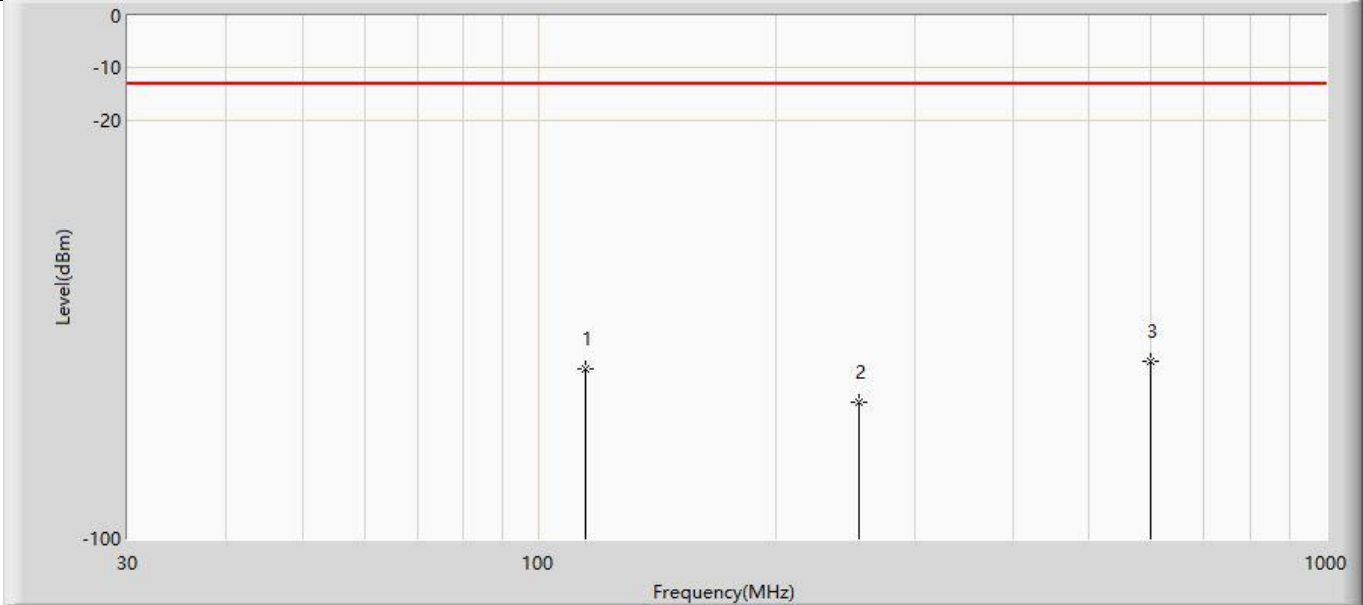
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:14
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 12:LTE band41 2605MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		69.770	-73.716	-98.086	-60.716	-13.000	24.370	PK
2		170.650	-73.393	-97.703	-60.393	-13.000	24.310	PK
3	*	376.290	-70.570	-97.940	-57.570	-13.000	27.370	PK



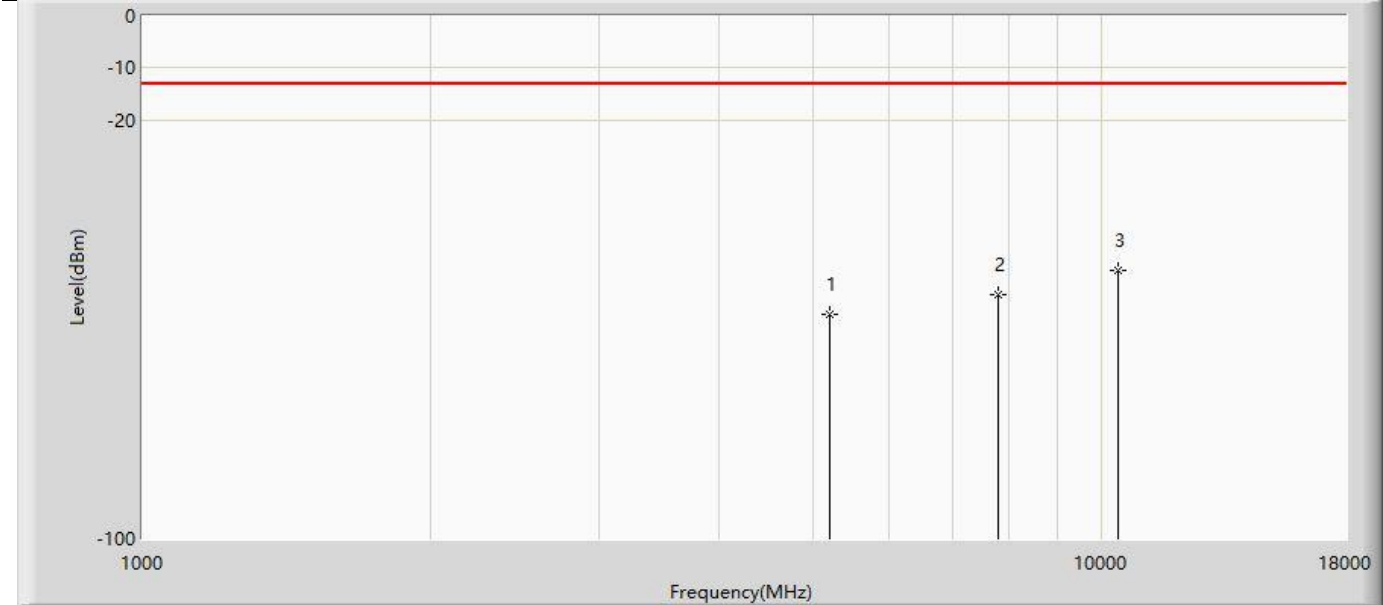
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Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:14
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 12:LTE band41 2605MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		114.390	-67.617	-97.377	-54.617	-13.000	29.760	PK
2		255.040	-73.828	-96.678	-60.828	-13.000	22.850	PK
3	*	599.390	-66.124	-97.894	-53.124	-13.000	31.770	PK



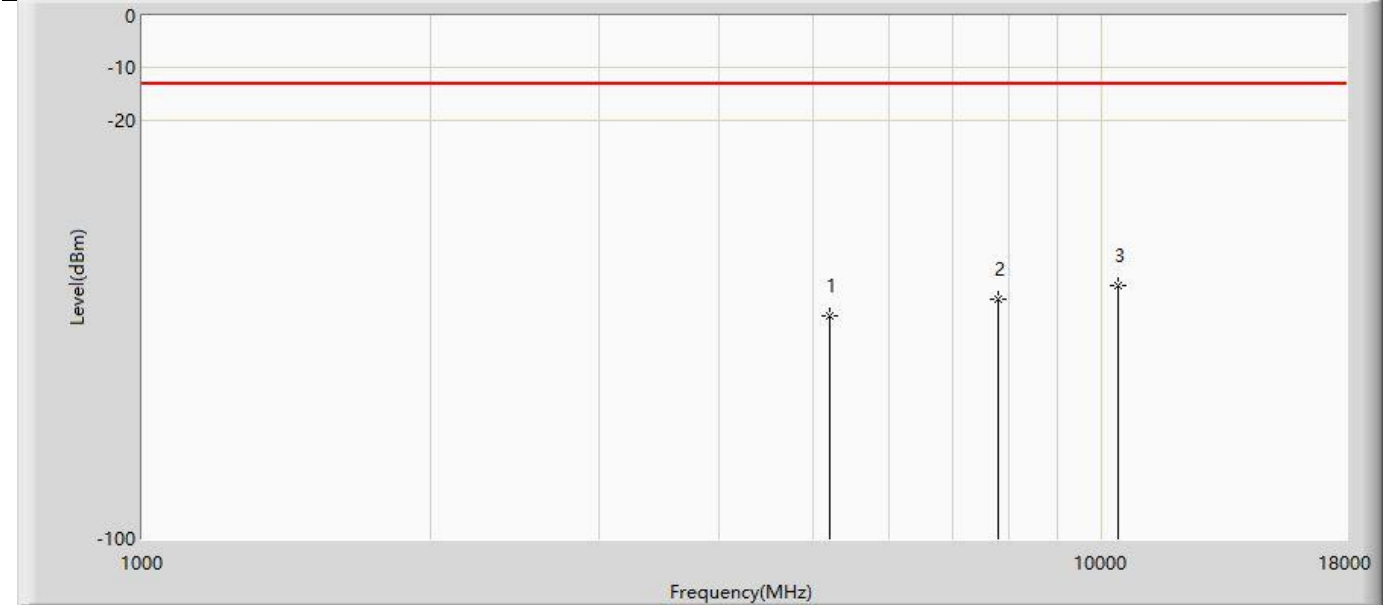
Profile: 2390387R	Page No.: 5
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/26 - 15:57
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 12:LTE band41 2605MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5210.000	-57.214	-55.862	-44.214	-13.000	-1.352	PK
2		7815.000	-53.330	-57.811	-40.330	-13.000	4.481	PK
3	*	10420.000	-48.670	-55.869	-35.670	-13.000	7.199	PK



Profile: 2390387R	Page No.: 6
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/26 - 15:57
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 12:LTE band41 2605MHz	

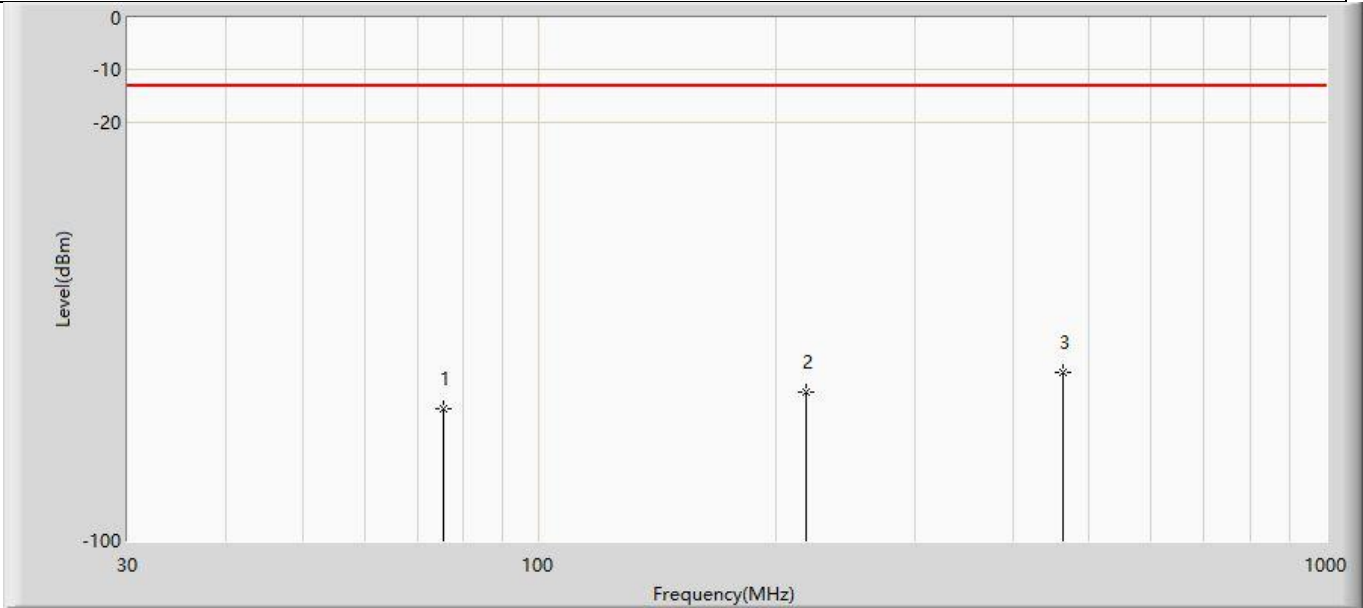


No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		5210.000	-57.487	-56.111	-44.487	-13.000	-1.376	PK
2		7815.000	-54.107	-58.718	-41.107	-13.000	4.611	PK
3	*	10420.000	-51.500	-56.986	-38.500	-13.000	5.486	PK



LTE Band26 - IC :

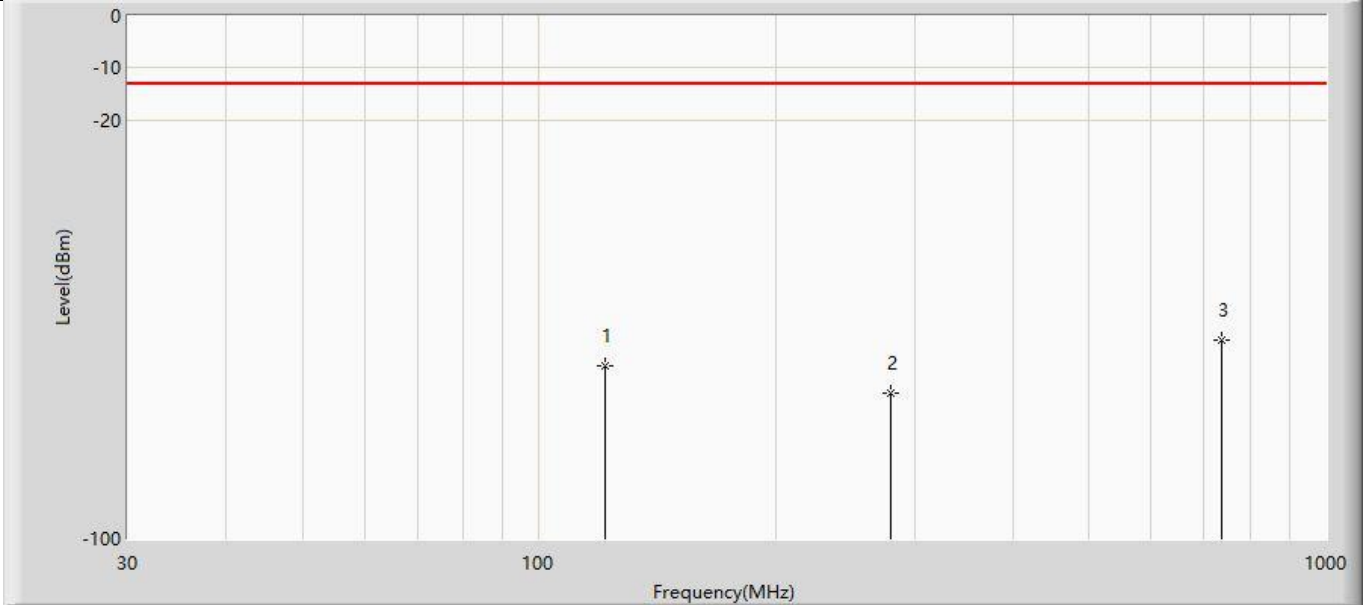
Profile: 2390387R	Page No.: 87
Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:14
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 13:LTE band26 836.5MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		75.590	-74.800	-96.970	-61.800	-13.000	22.170	PK
2		218.180	-71.550	-95.120	-58.550	-13.000	23.570	PK
3	*	462.620	-67.694	-96.194	-54.694	-13.000	28.500	PK



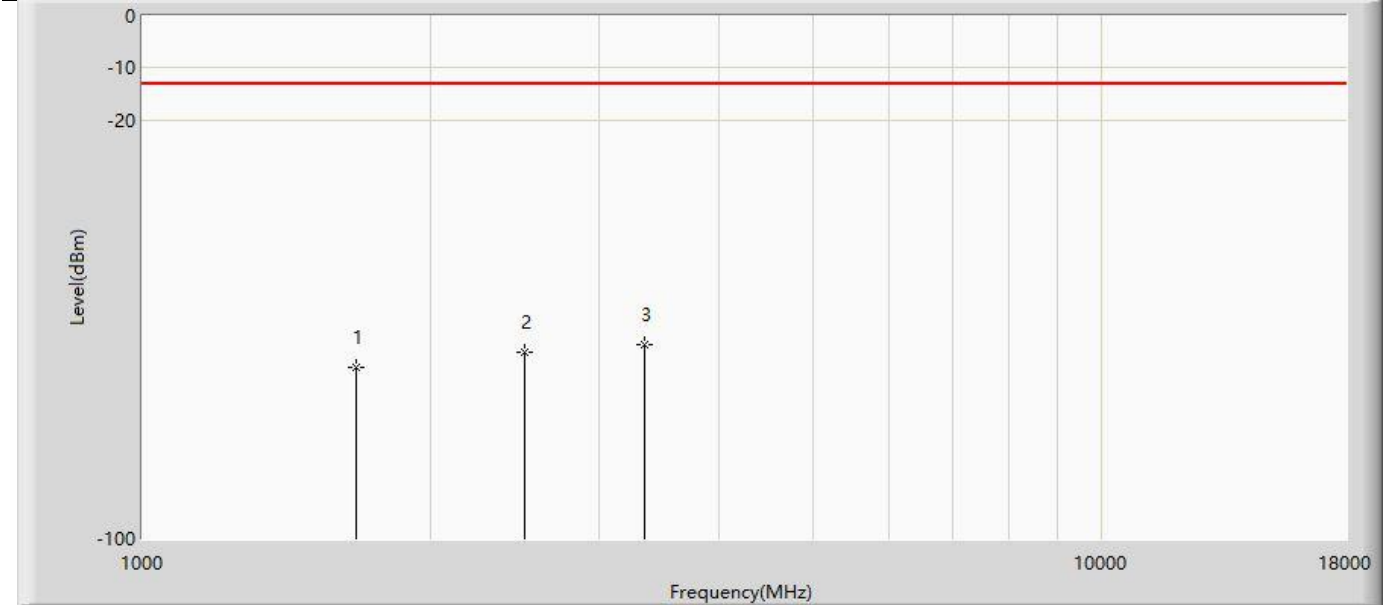
Profile: 2390387R	Page No.: 88
Engineer: Pengchengyang	
Site: AC2	Time: 2024/03/21 - 08:14
Limit: FCC Part 22&24&27	Margin: 0
Probe: 30-1G	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 13:LTE band26 836.5MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		121.180	-66.962	-97.192	-53.962	-13.000	30.230	PK
2		279.290	-72.039	-98.029	-59.039	-13.000	25.990	PK
3	*	738.100	-61.885	-95.185	-48.885	-13.000	33.300	PK



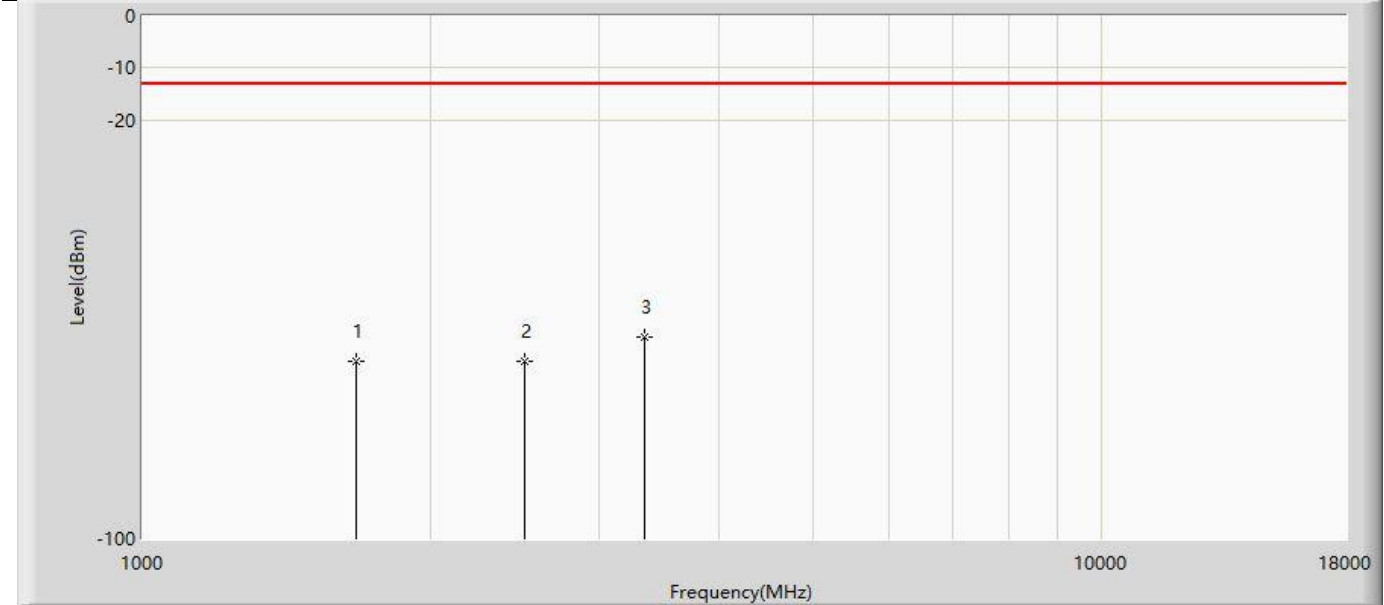
Profile: 2390387R	Page No.: 7
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/26 - 15:57
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Horizontal
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 13:LTE band26 836.5MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1673.000	-67.315	-55.814	-54.315	-13.000	-11.501	PK
2		2509.500	-64.359	-54.563	-51.359	-13.000	-9.796	PK
3	*	3346.000	-62.900	-54.210	-49.900	-13.000	-8.690	PK



Profile: 2390387R	Page No.: 8
Engineer: Pengchengyang	
Site: AC5	Time: 2024/03/26 - 15:57
Limit: FCC Part 22&24&27	Margin: 0
Probe: 1-18G_AMP	Polarity: Vertical
EUT: POS	Power: 120 Vac / 60 Hz
Note: Mode 13:LTE band26 836.5MHz	



No	Mark	Frequency (MHz)	Measure Level (dBm)	Reading Level (dBm)	Over Limit (dB)	Limit (dBm)	Factor (dB)	Type
1		1673.000	-66.190	-55.108	-53.190	-13.000	-11.082	PK
2		2509.500	-65.996	-56.658	-52.996	-13.000	-9.338	PK
3	*	3346.000	-61.586	-53.116	-48.586	-13.000	-8.470	PK

1. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
2. The test frequency range, 18GHz~tenth harmonic of the highest fundamental test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.



5 Test setup photo and EUT Photo	VERDICT: PASS
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Remark: The test setup photo and EUT Photo please see appendix.

_____ The End _____