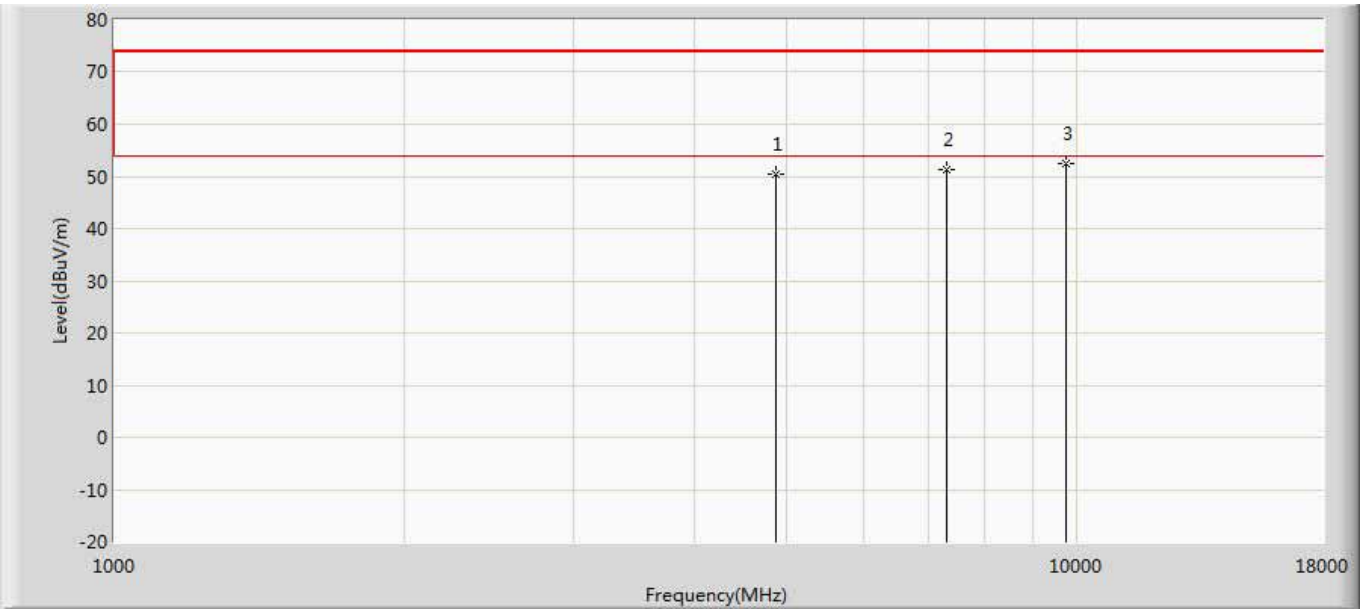
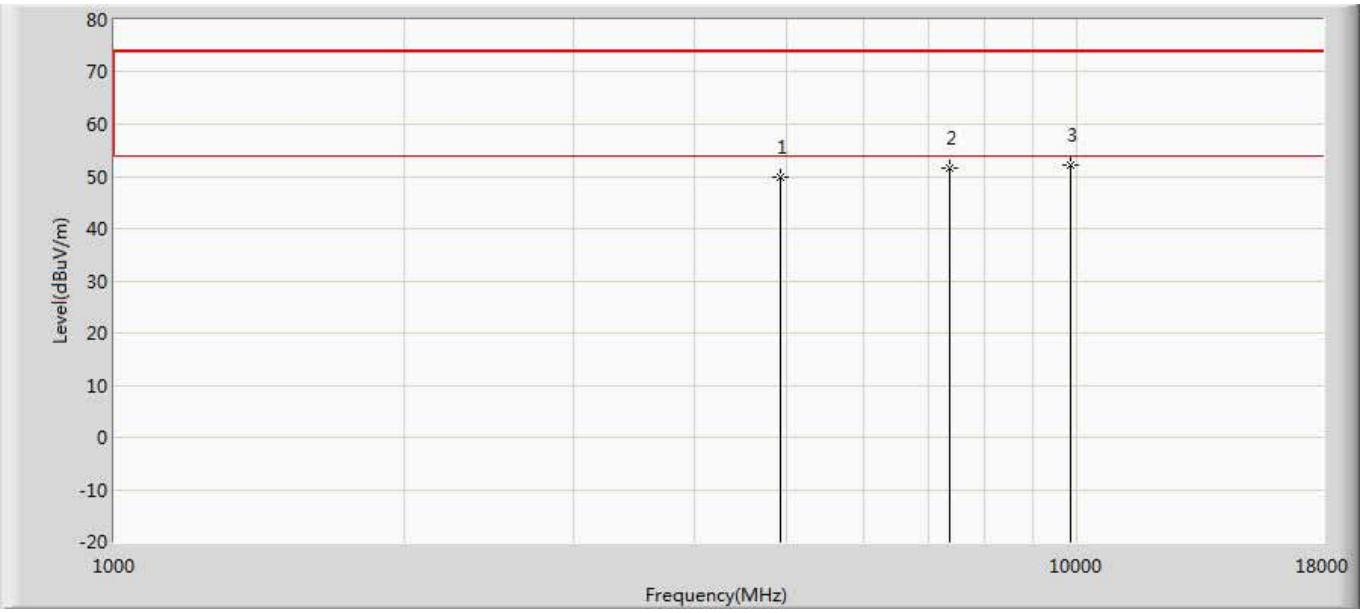
Site:AC5	Time: 2017/05/21 - 16:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 1:Transmit at channel 2437MHz by 11b ant3	



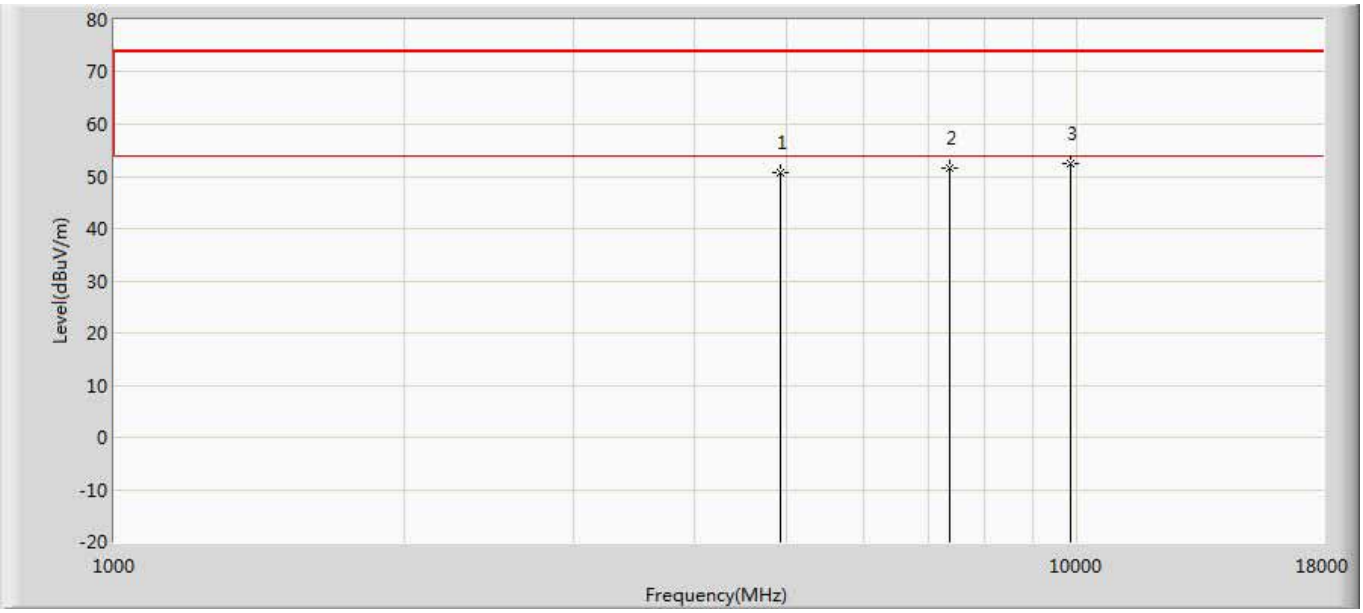
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	50.465	44.111	-23.535	74.000	6.354	PK
2		7311.000	51.417	41.461	-22.583	74.000	9.956	PK
3	*	9748.000	52.458	40.105	-21.542	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 16:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 1:Transmit at channel 2462MHz by 11b ant3	



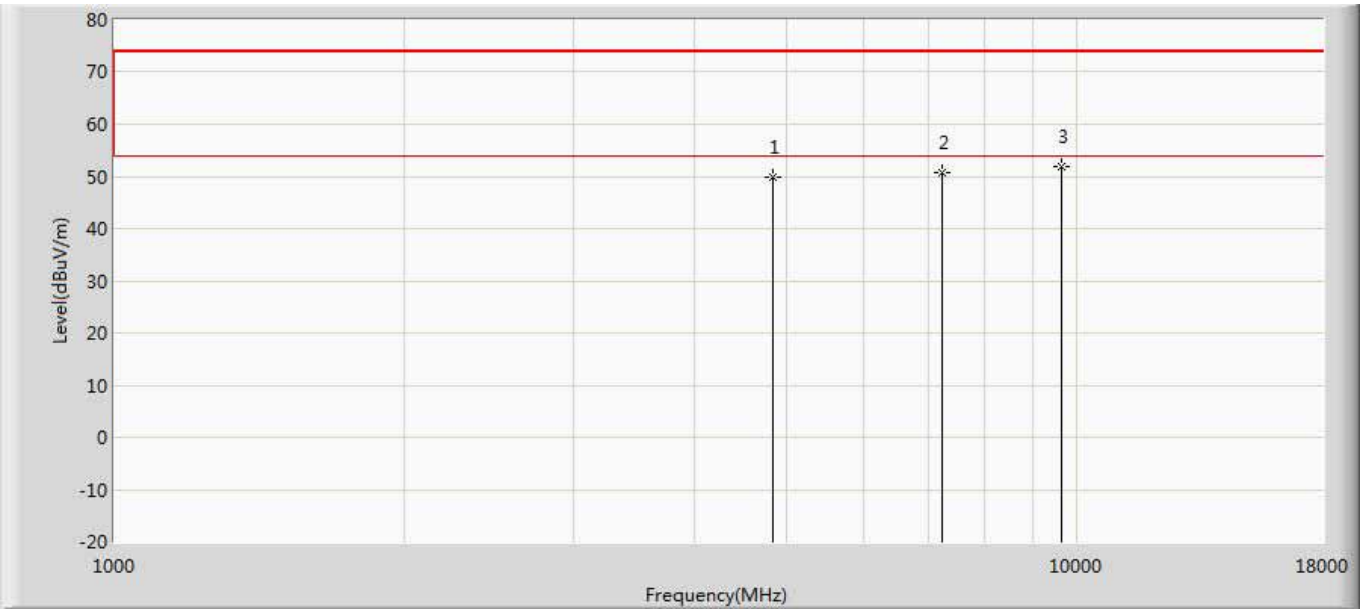
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	49.869	43.489	-24.131	74.000	6.379	PK
2		7386.000	51.598	41.765	-22.402	74.000	9.833	PK
3	*	9848.000	52.159	39.306	-21.841	74.000	12.853	PK

Site:AC5	Time: 2017/05/21 - 16:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 1:Transmit at channel 2462MHz by 11b ant3	



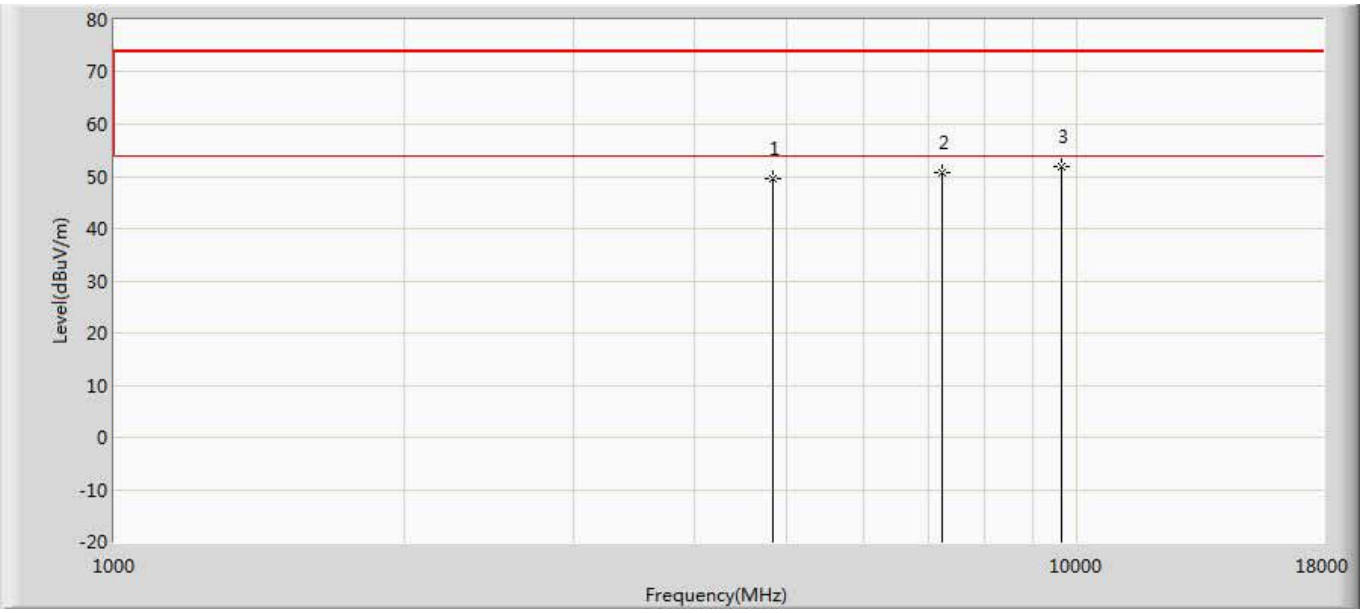
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	50.625	44.245	-23.375	74.000	6.379	PK
2		7386.000	51.516	41.683	-22.484	74.000	9.833	PK
3	*	9848.000	52.493	39.640	-21.507	74.000	12.853	PK

Site:AC5	Time: 2017/05/21 - 16:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 2:Transmit at channel 2412MHz by 11g ant3	



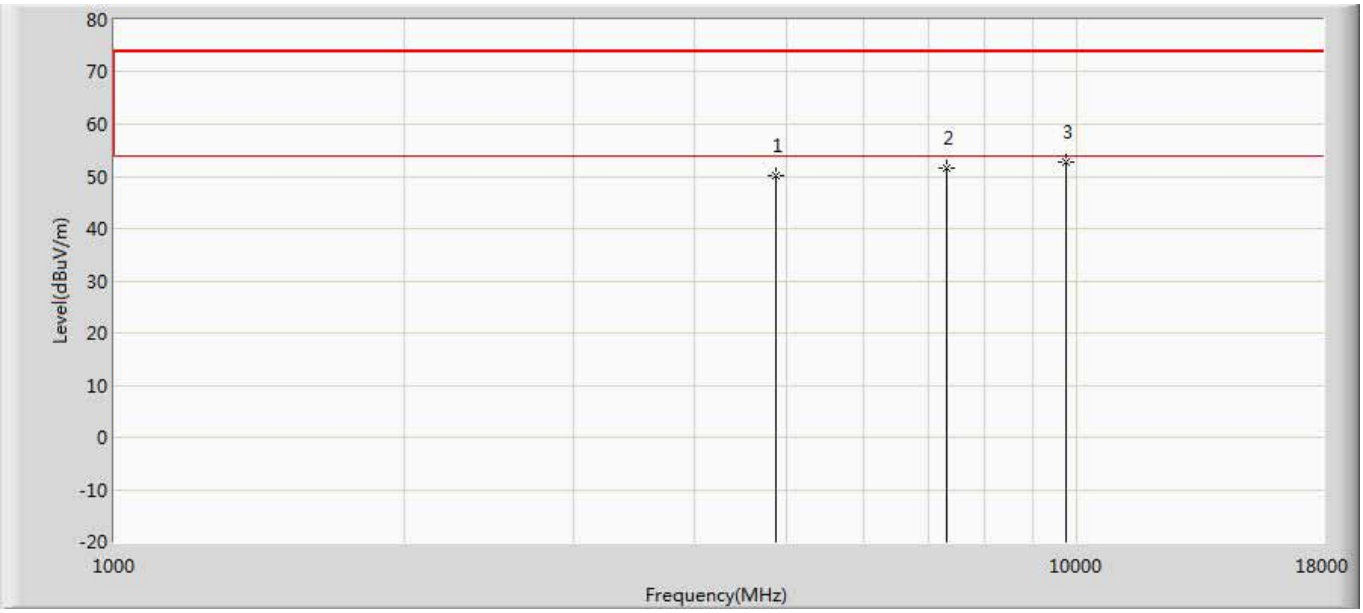
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	49.925	43.914	-24.075	74.000	6.011	PK
2		7236.000	50.851	40.622	-23.149	74.000	10.228	PK
3	*	9648.000	51.961	39.606	-22.039	74.000	12.356	PK

Site:AC5	Time: 2017/05/21 - 16:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 2:Transmit at channel 2412MHz by 11g ant3	



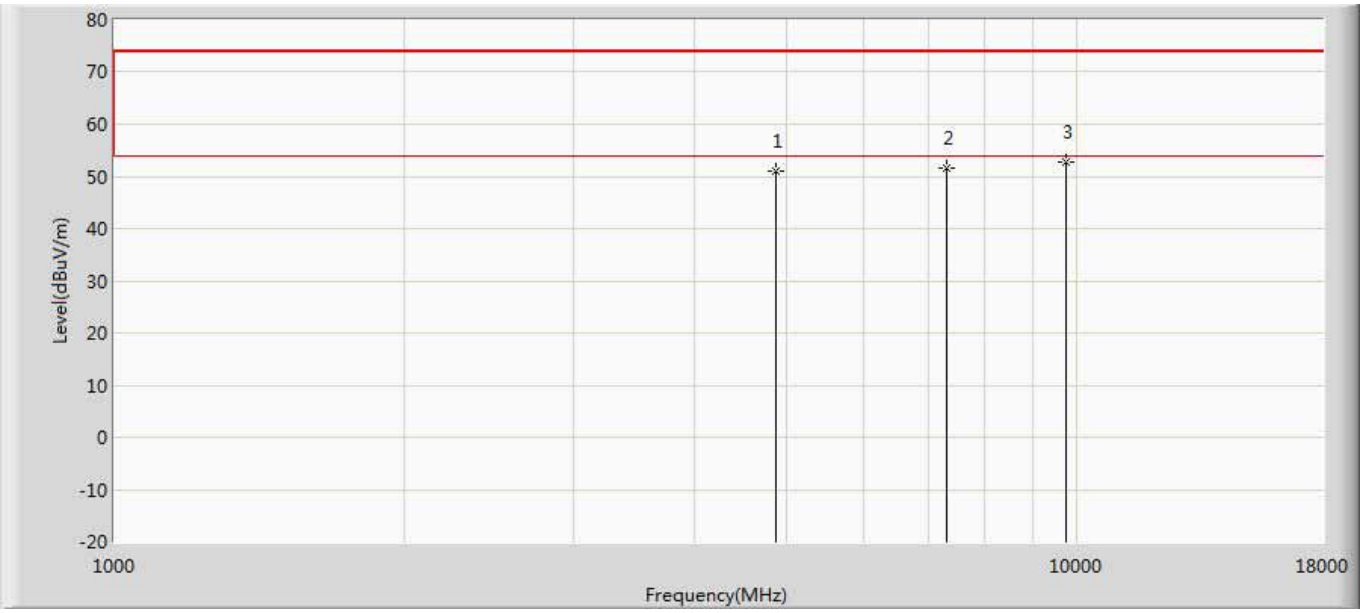
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	49.583	43.572	-24.417	74.000	6.011	PK
2		7236.000	50.625	40.396	-23.375	74.000	10.228	PK
3	*	9648.000	51.965	39.610	-22.035	74.000	12.356	PK

Site:AC5	Time: 2017/05/21 - 16:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 2:Transmit at channel 2437MHz by 11g ant3	



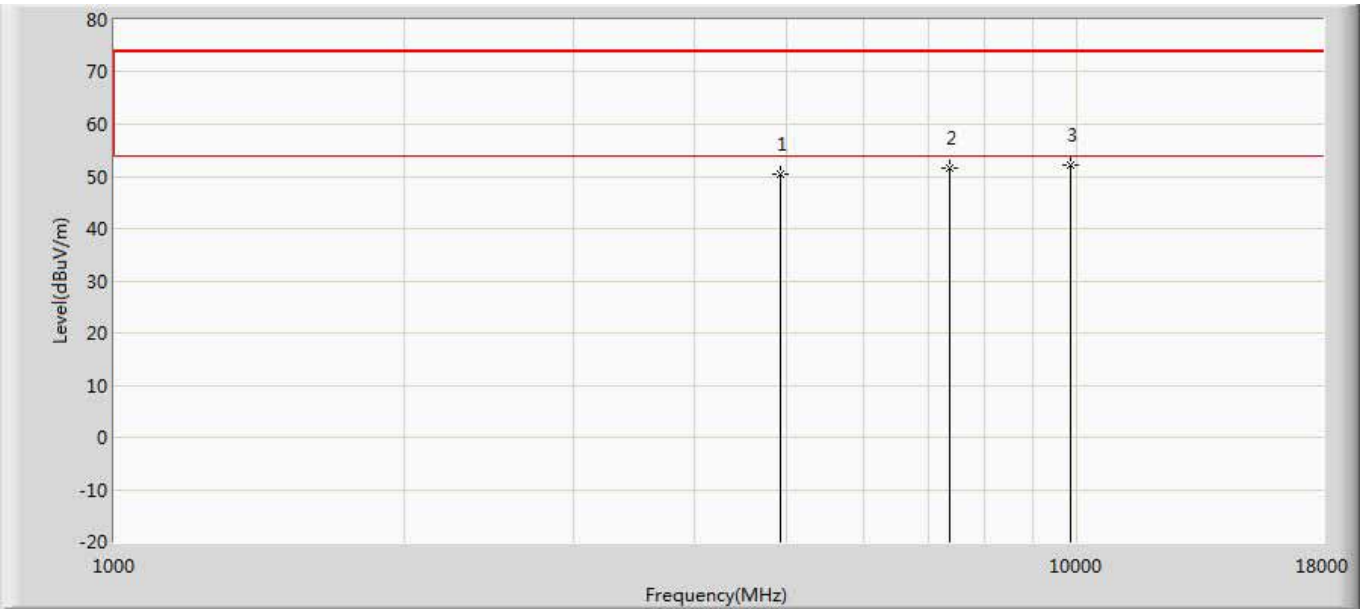
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	50.125	43.771	-23.875	74.000	6.354	PK
2		7311.000	51.582	41.626	-22.418	74.000	9.956	PK
3	*	9748.000	52.615	40.262	-21.385	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 16:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 2:Transmit at channel 2437MHz by 11g ant3	



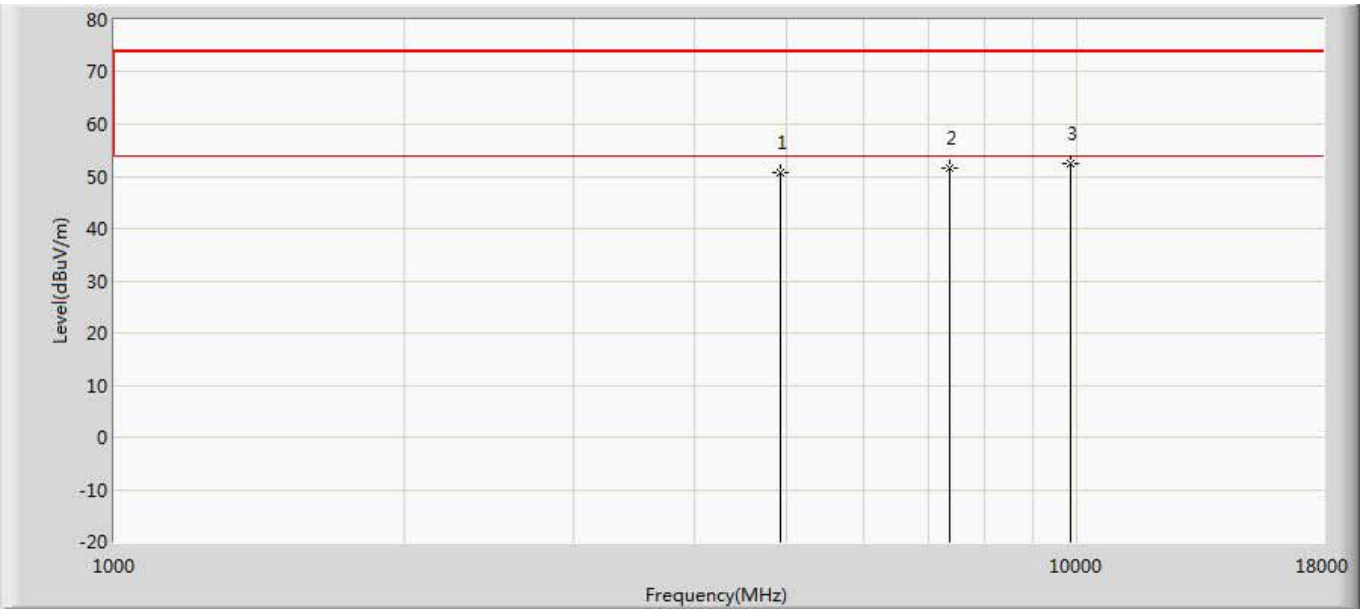
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	50.951	44.597	-23.049	74.000	6.354	PK
2		7311.000	51.584	41.628	-22.416	74.000	9.956	PK
3	*	9748.000	52.615	40.262	-21.385	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 16:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 2:Transmit at channel 2462MHz by 11g ant3	



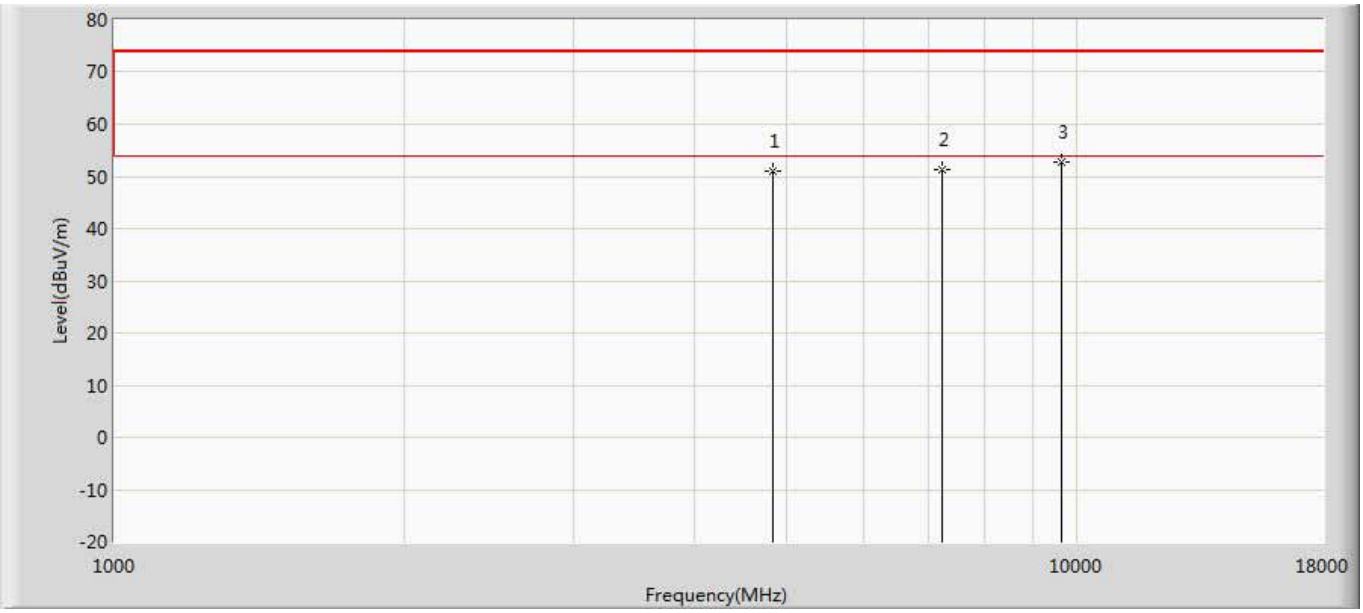
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	50.361	43.981	-23.639	74.000	6.379	PK
2		7386.000	51.725	41.892	-22.275	74.000	9.833	PK
3	*	9848.000	52.195	39.342	-21.805	74.000	12.853	PK

Site:AC5	Time: 2017/05/21 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 2:Transmit at channel 2462MHz by 11g ant3	



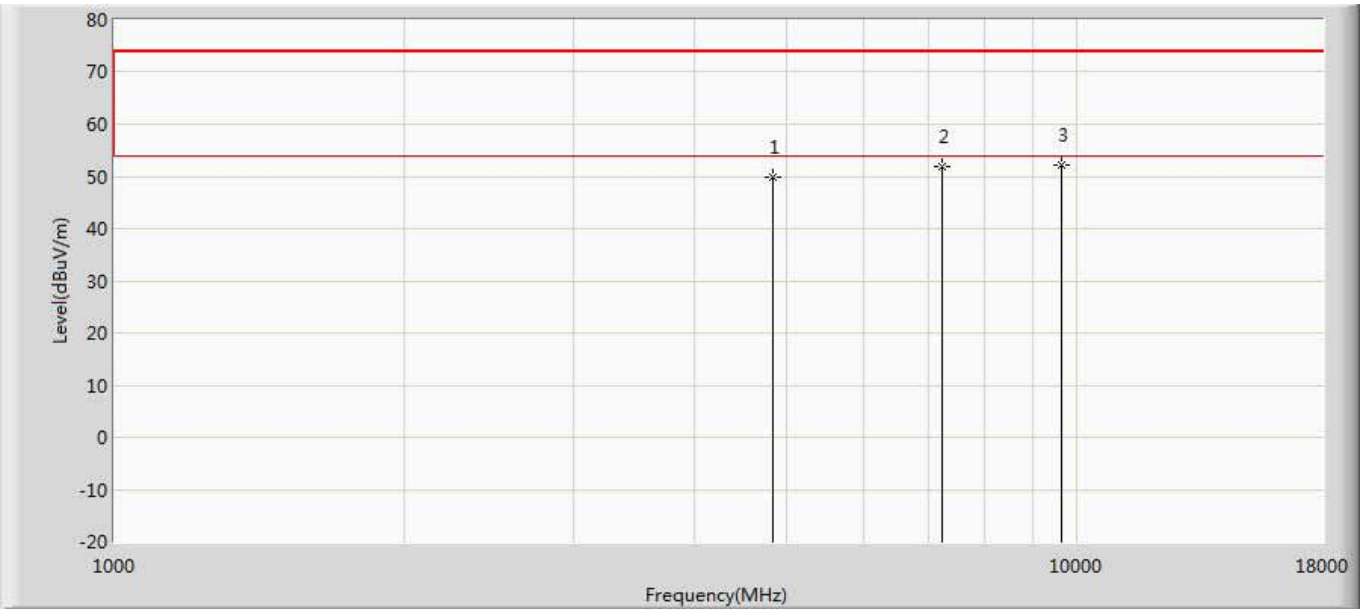
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	50.625	44.245	-23.375	74.000	6.379	PK
2		7386.000	51.526	41.693	-22.474	74.000	9.833	PK
3	*	9848.000	52.482	39.629	-21.518	74.000	12.853	PK

Site:AC5	Time: 2017/05/21 - 16:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 3:Transmit at channel 2412MHz by 11n20 ant3	



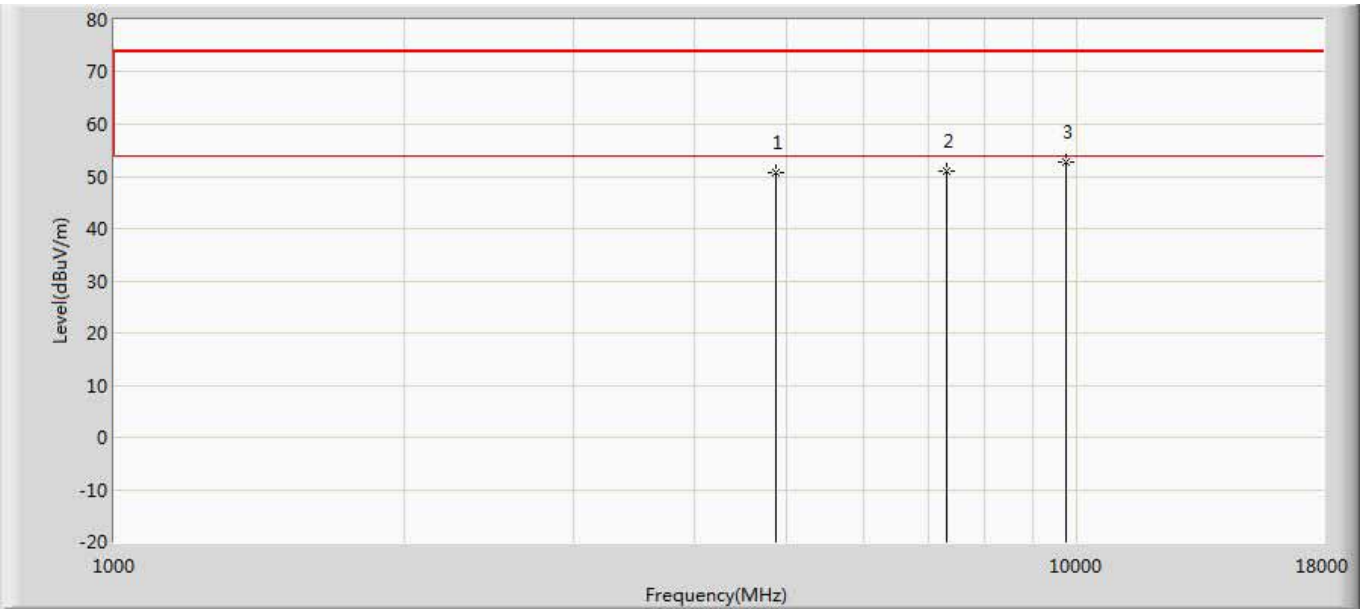
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	50.891	44.880	-23.109	74.000	6.011	PK
2		7236.000	51.212	40.983	-22.788	74.000	10.228	PK
3	*	9648.000	52.625	40.270	-21.375	74.000	12.356	PK

Site:AC5	Time: 2017/05/21 - 16:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 3:Transmit at channel 2412MHz by 11n20 ant3	



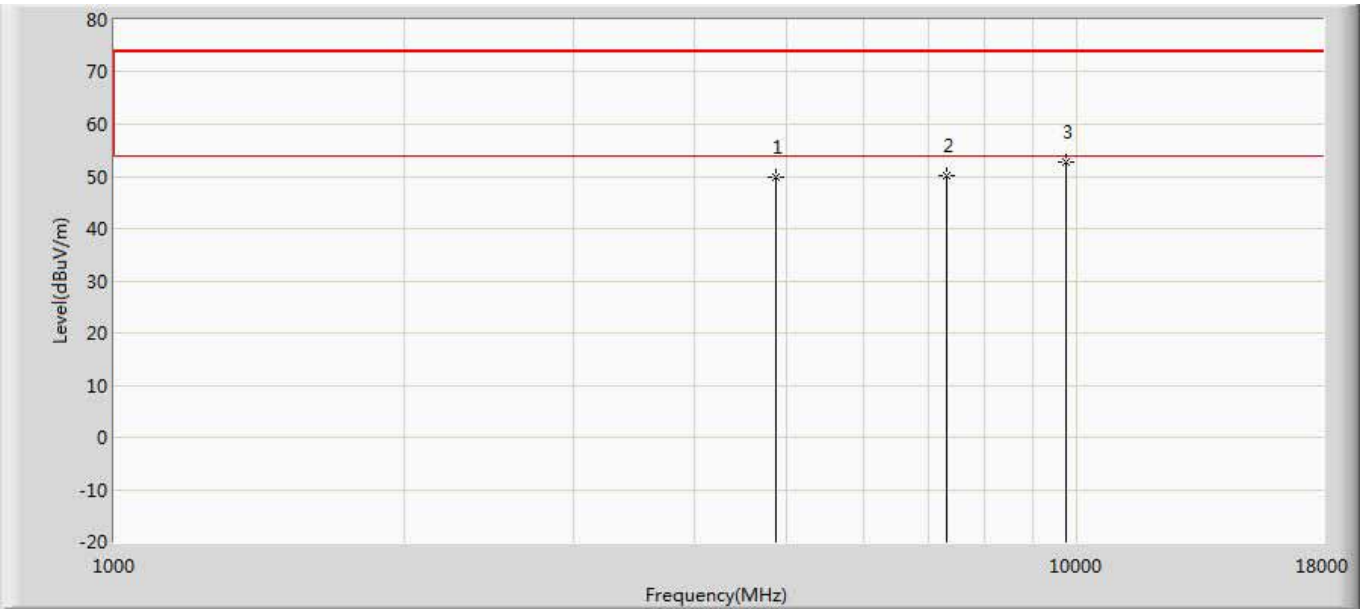
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	49.852	43.841	-24.148	74.000	6.011	PK
2		7236.000	51.825	41.596	-22.175	74.000	10.228	PK
3	*	9648.000	52.255	39.900	-21.745	74.000	12.356	PK

Site:AC5	Time: 2017/05/21 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 3:Transmit at channel 2437MHz by 11n20 ant3	



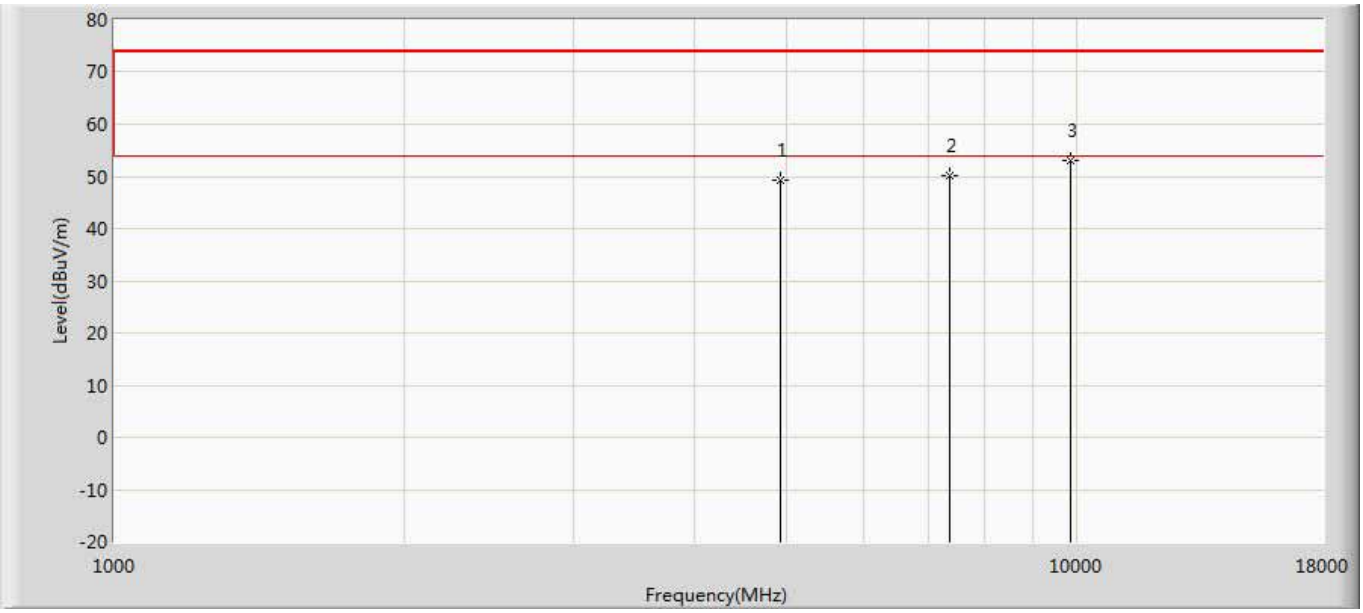
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	50.625	44.271	-23.375	74.000	6.354	PK
2		7311.000	50.998	41.042	-23.002	74.000	9.956	PK
3	*	9748.000	52.651	40.298	-21.349	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 3:Transmit at channel 2437MHz by 11n20 ant3	



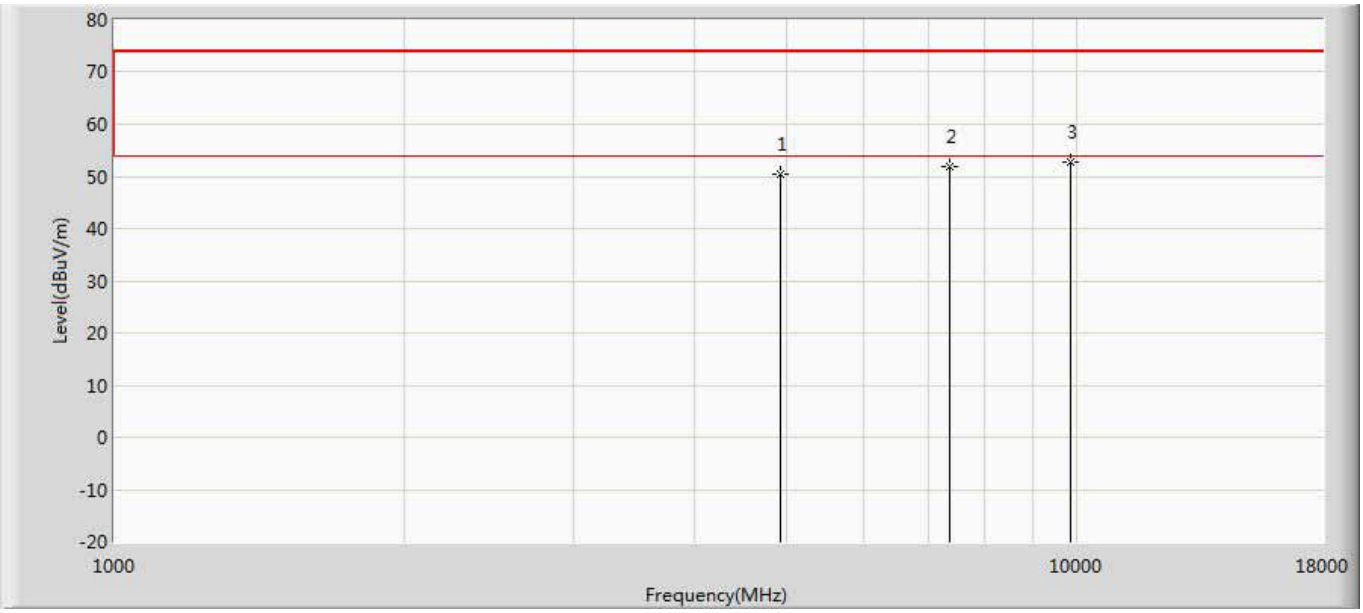
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	49.825	43.471	-24.175	74.000	6.354	PK
2		7311.000	50.268	40.312	-23.732	74.000	9.956	PK
3	*	9748.000	52.685	40.332	-21.315	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 3:Transmit at channel 2462MHz by 11n20 ant3	



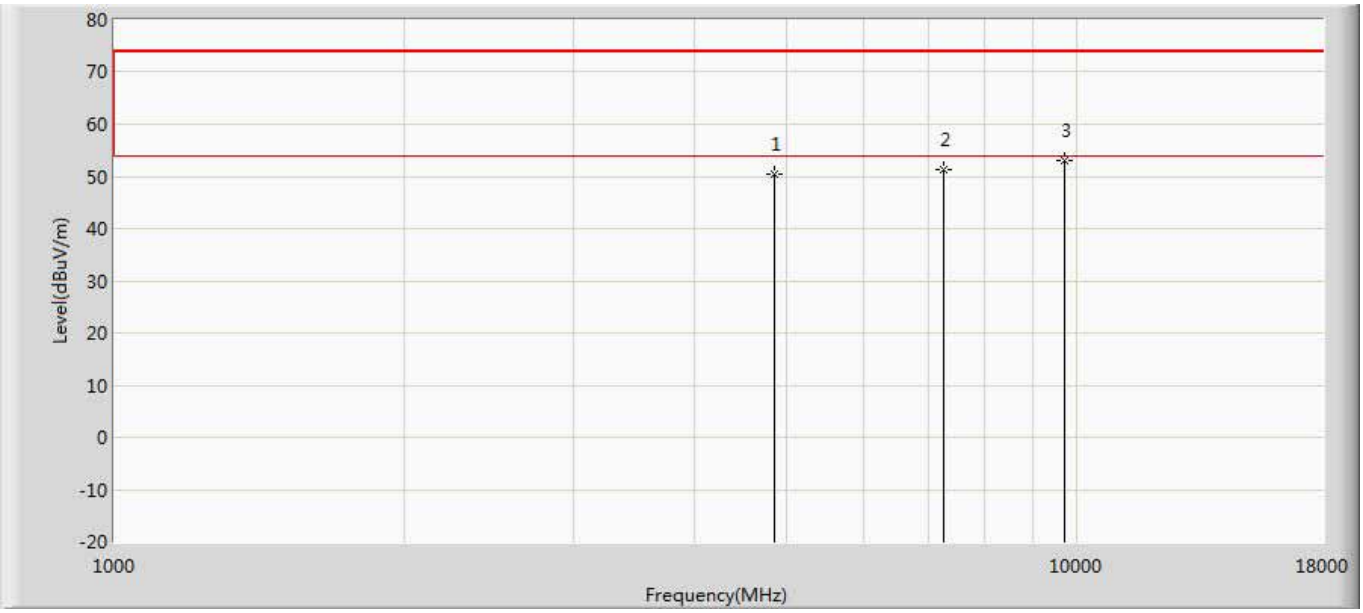
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	49.152	42.772	-24.848	74.000	6.379	PK
2		7386.000	50.169	40.336	-23.831	74.000	9.833	PK
3	*	9848.000	52.968	40.115	-21.032	74.000	12.853	PK

Site:AC5	Time: 2017/05/21 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 3:Transmit at channel 2462MHz by 11n20 ant3	



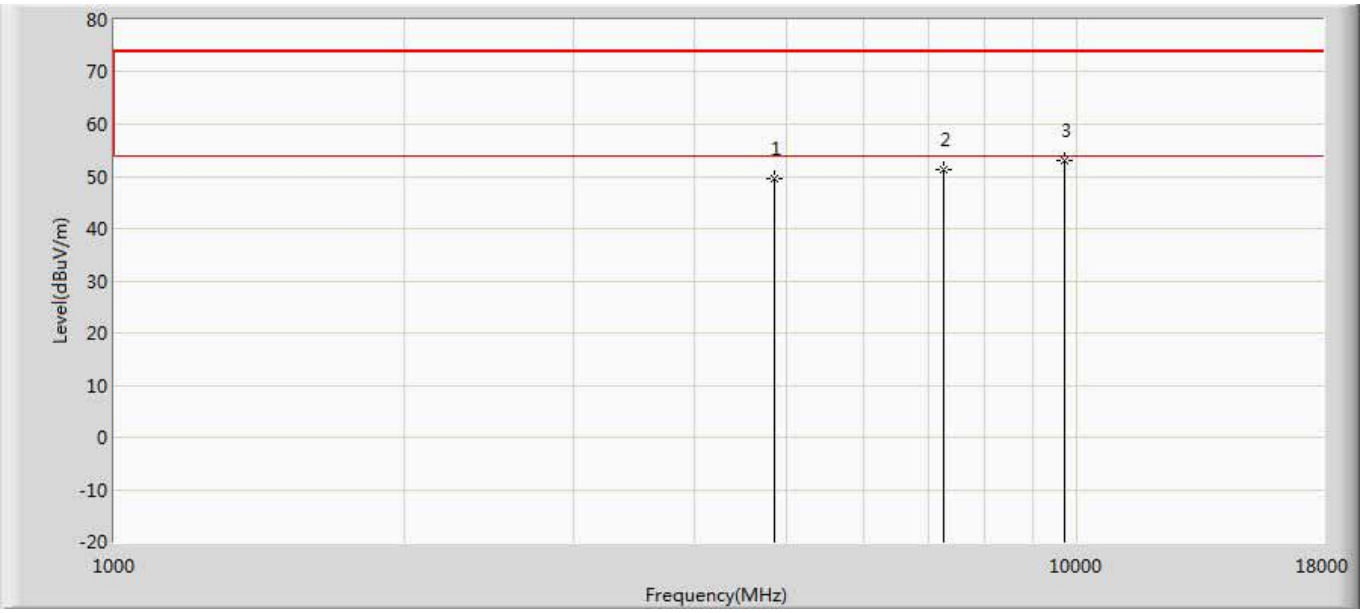
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	50.362	43.982	-23.638	74.000	6.379	PK
2		7386.000	51.965	42.132	-22.035	74.000	9.833	PK
3	*	9848.000	52.625	39.772	-21.375	74.000	12.853	PK

Site:AC5	Time: 2017/05/21 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 4:Transmit at channel 2422MHz by 11n40 ant3	



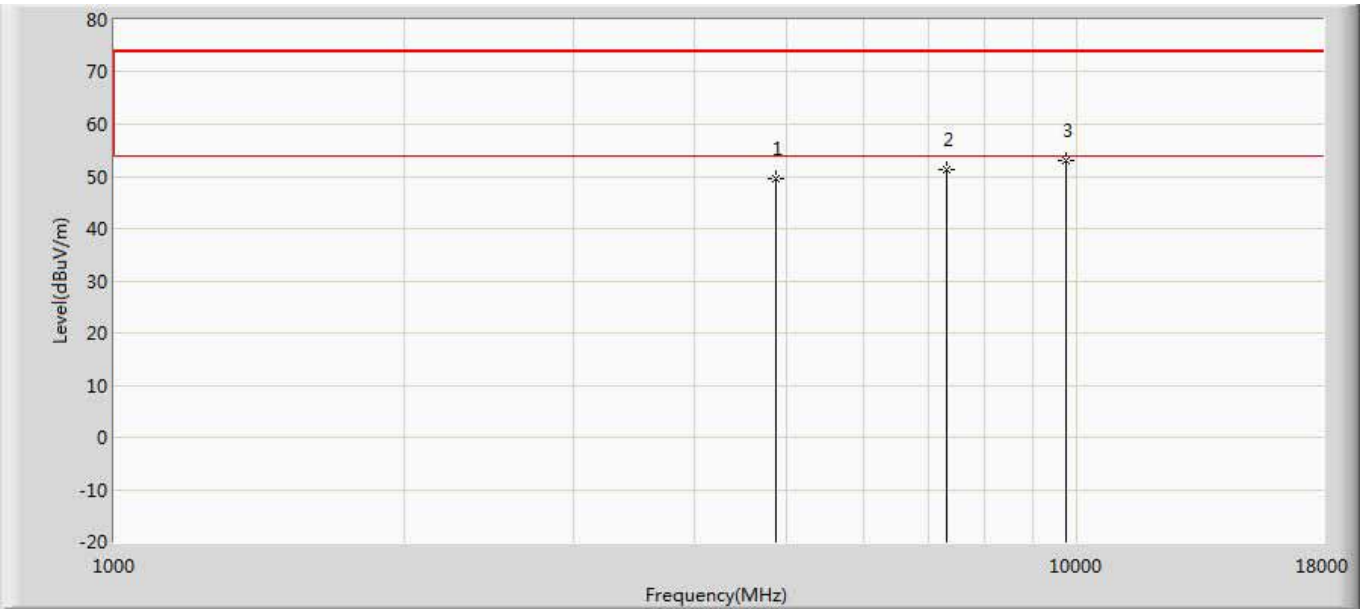
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	50.298	44.057	-23.702	74.000	6.241	PK
2		7266.000	51.368	41.361	-22.632	74.000	10.006	PK
3	*	9688.000	52.992	39.872	-21.008	74.000	13.120	PK

Site:AC5	Time: 2017/05/21 - 16:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 4:Transmit at channel 2422MHz by 11n40 ant3	



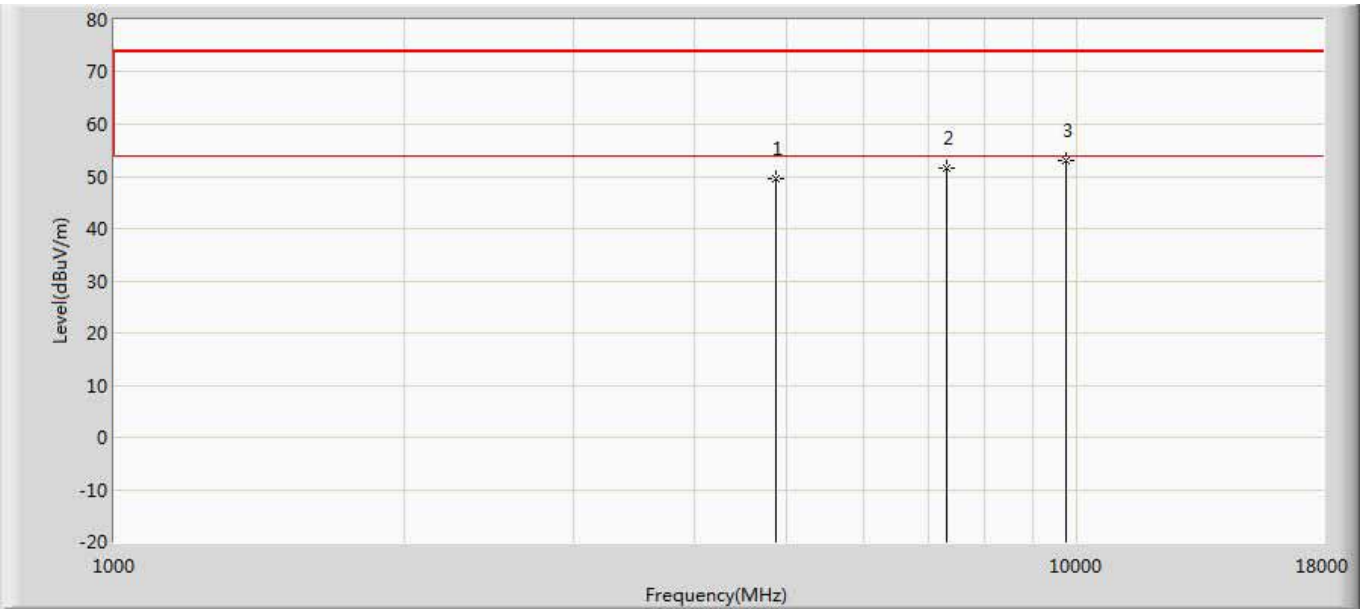
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	49.695	43.454	-24.305	74.000	6.241	PK
2		7266.000	51.223	41.216	-22.777	74.000	10.006	PK
3	*	9688.000	53.012	39.892	-20.988	74.000	13.120	PK

Site:AC5	Time: 2017/05/21 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 4:Transmit at channel 2437MHz by 11n40 ant3	



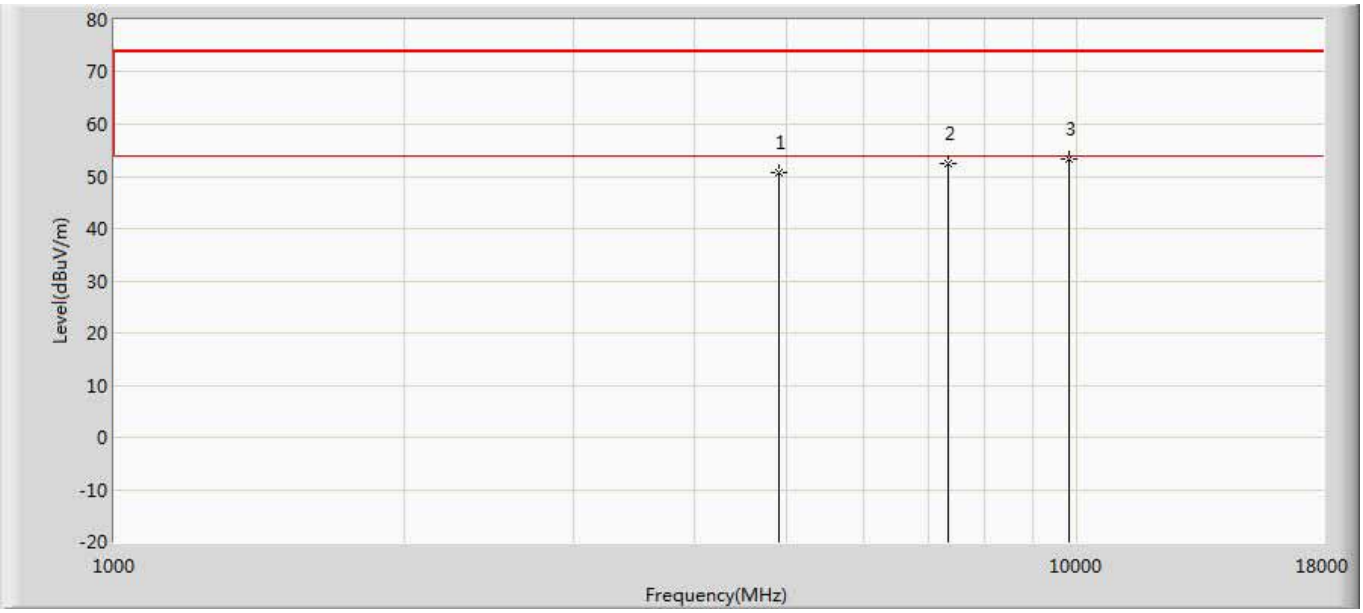
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	49.568	43.214	-24.432	74.000	6.354	PK
2		7311.000	51.205	41.249	-22.795	74.000	9.956	PK
3	*	9748.000	53.012	40.659	-20.988	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 17:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 4:Transmit at channel 2437MHz by 11n40 ant3	



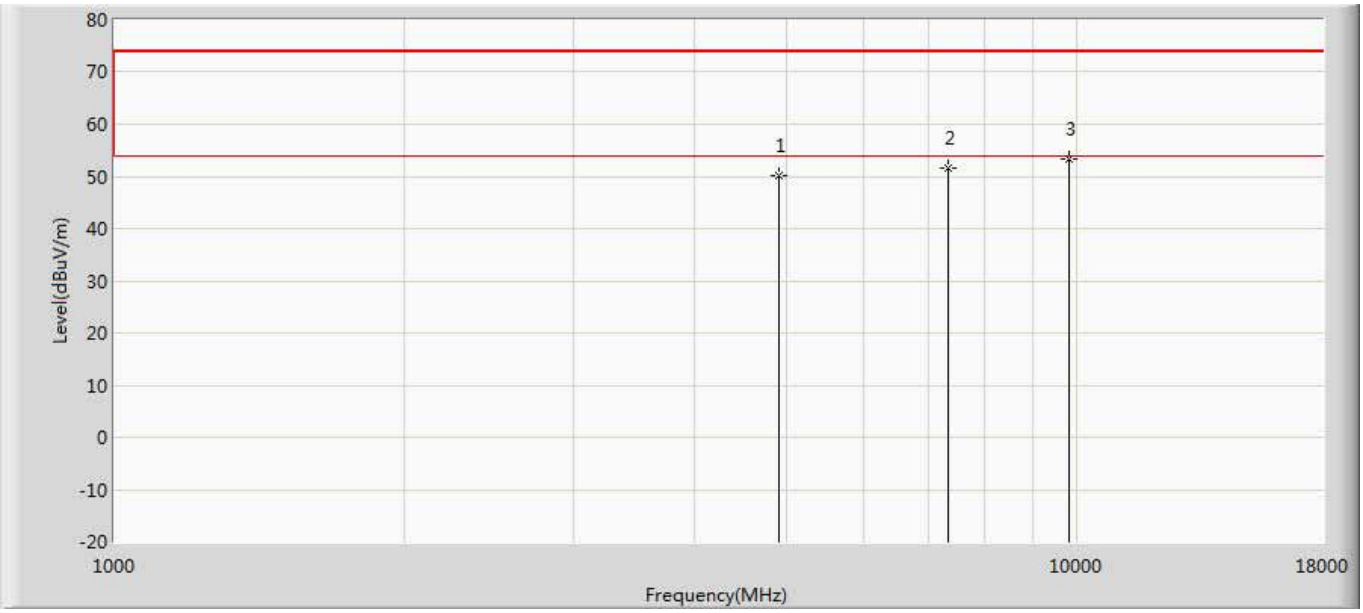
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	49.625	43.271	-24.375	74.000	6.354	PK
2		7311.000	51.625	41.669	-22.375	74.000	9.956	PK
3	*	9748.000	52.968	40.615	-21.032	74.000	12.353	PK

Site:AC5	Time: 2017/05/21 - 17:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 4:Transmit at channel 2452MHz by 11n40 ant3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	50.625	44.200	-23.375	74.000	6.425	PK
2		7356.000	52.361	41.985	-21.639	74.000	10.376	PK
3	*	9808.000	53.251	41.150	-20.749	74.000	12.101	PK

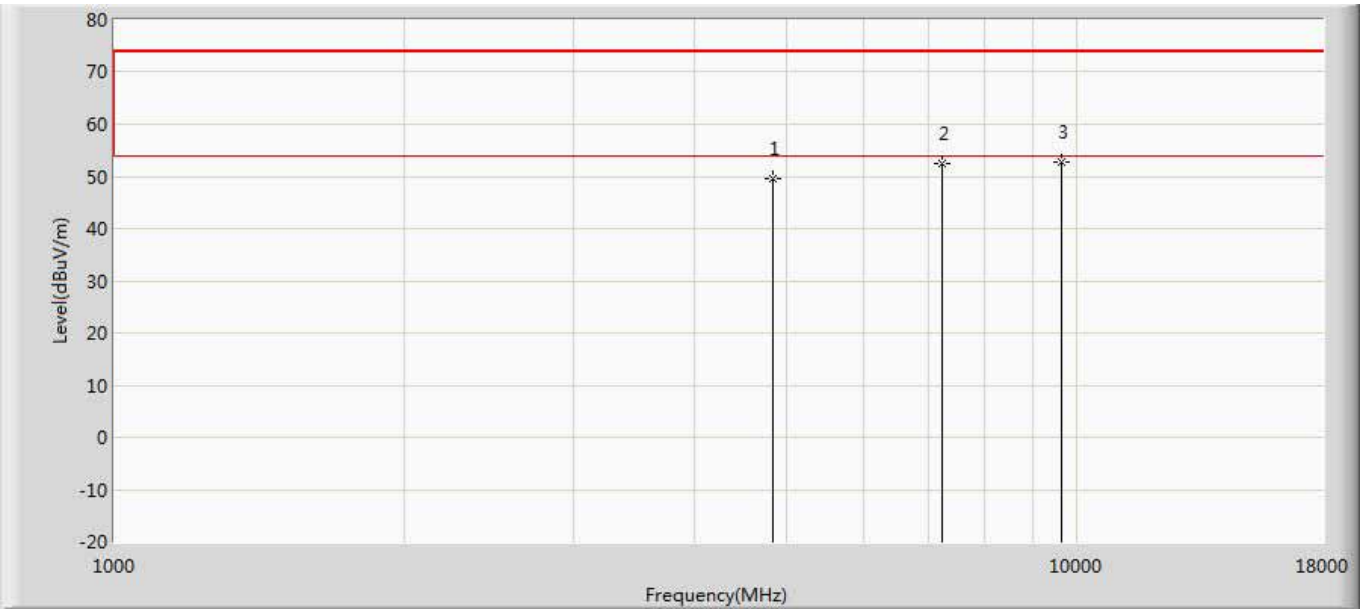
Site:AC5	Time: 2017/05/21 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 4:Transmit at channel 2452MHz by 11n40 ant3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	50.262	43.837	-23.738	74.000	6.425	PK
2		7356.000	51.625	41.249	-22.375	74.000	10.376	PK
3	*	9808.000	53.212	41.111	-20.788	74.000	12.101	PK

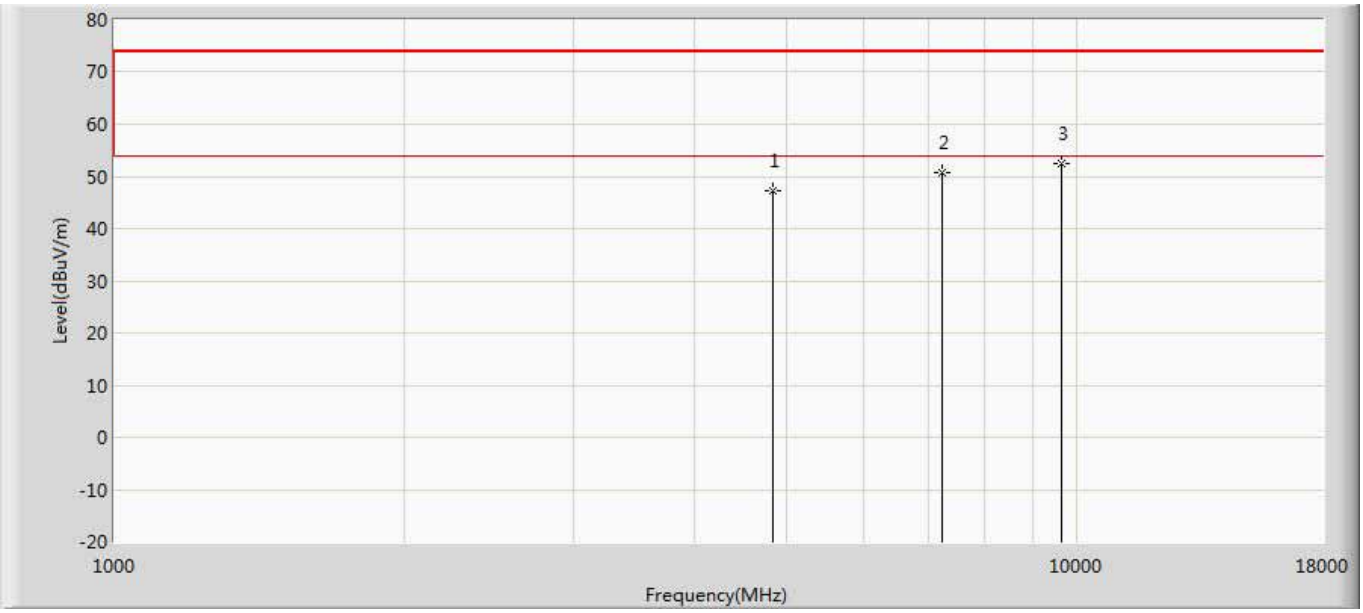
CDD Mode:

Site:AC5	Time: 2017/05/22 - 09:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 5:Transmit at channel 2412MHz by 11b	



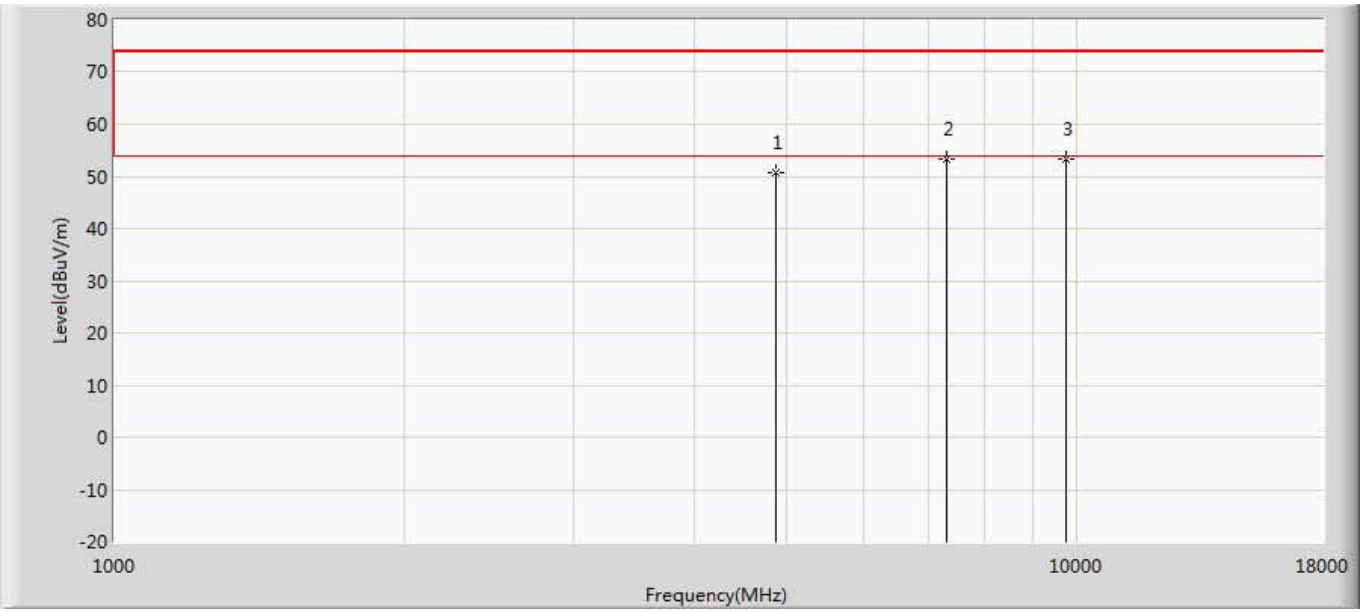
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	49.580	43.569	-24.420	74.000	6.011	PK
2		7236.000	52.385	42.156	-21.615	74.000	10.228	PK
3	*	9648.000	52.703	40.348	-21.297	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 5:Transmit at channel 2412MHz by 11b	



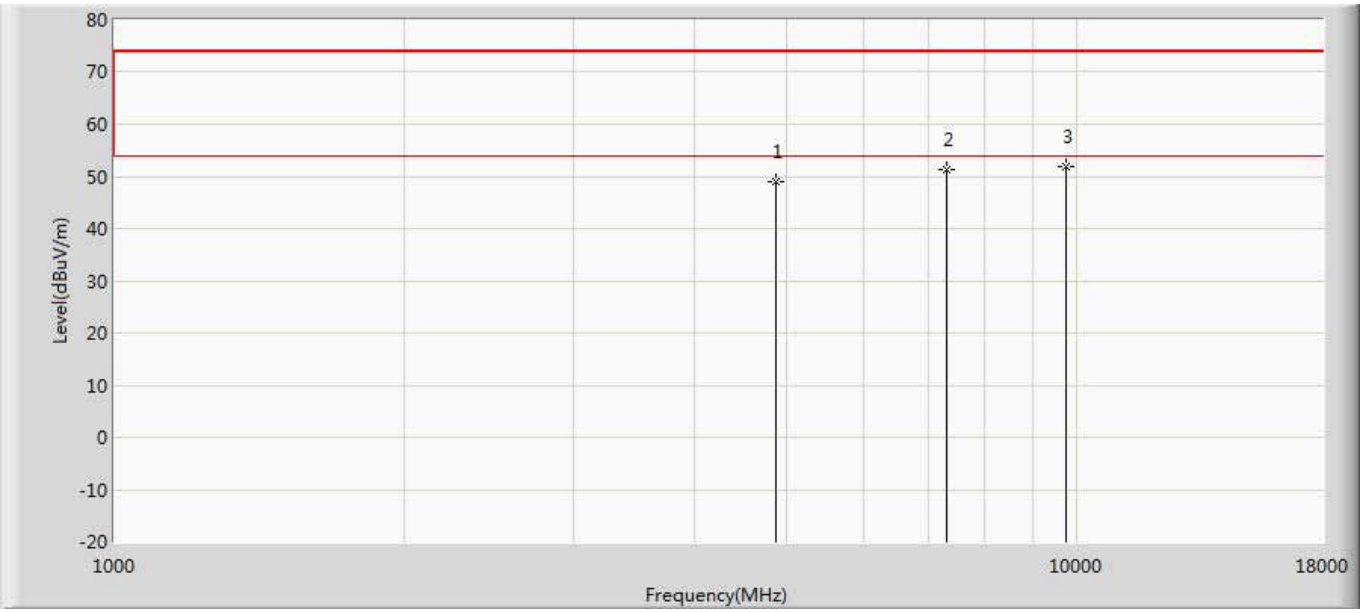
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	47.276	41.265	-26.724	74.000	6.011	PK
2		7236.000	50.813	40.584	-23.187	74.000	10.228	PK
3	*	9648.000	52.513	40.158	-21.487	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 5:Transmit at channel 2437MHz by 11b	



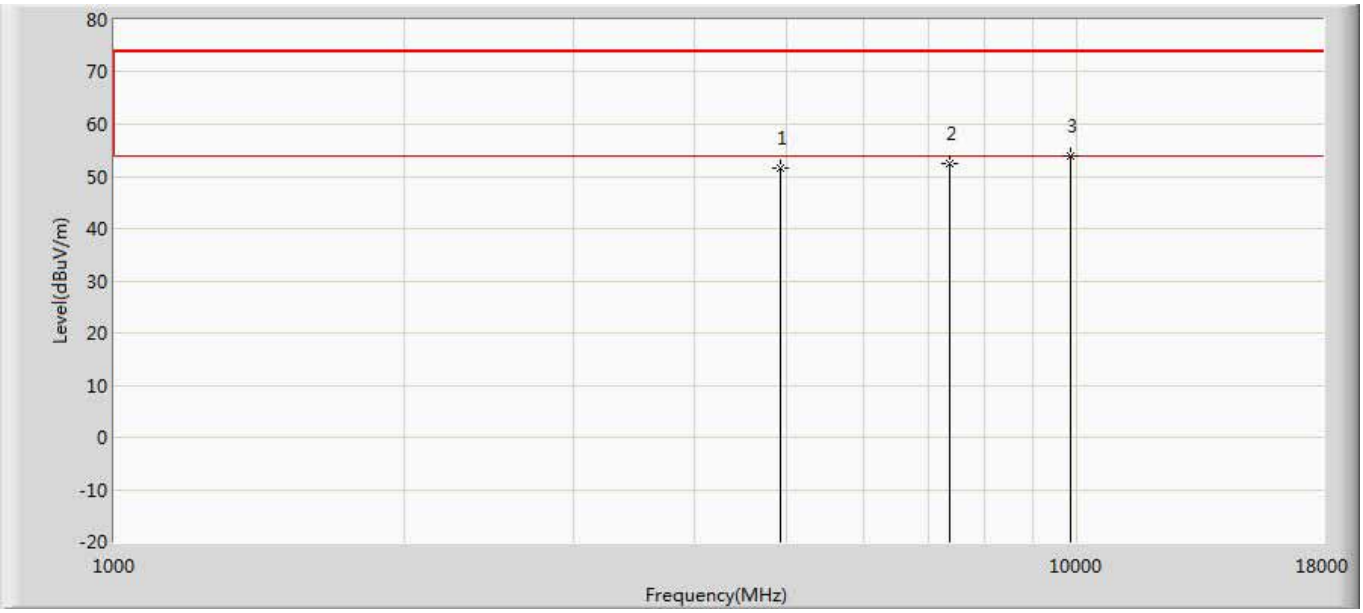
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	50.866	44.512	-23.134	74.000	6.354	PK
2	*	7311.000	53.441	43.485	-20.559	74.000	9.956	PK
3		9748.000	53.378	41.025	-20.622	74.000	12.353	PK

Site:AC5	Time: 2017/05/22 - 10:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 5:Transmit at channel 2437MHz by 11b	



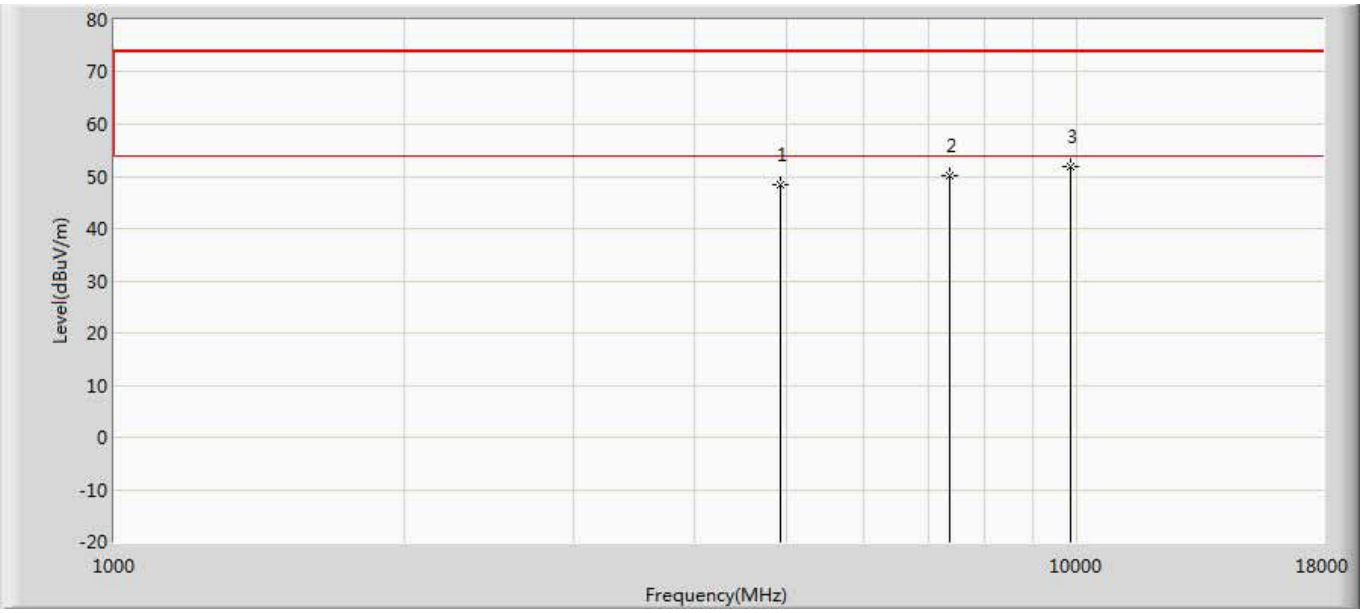
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	48.940	42.586	-25.060	74.000	6.354	PK
2		7311.000	51.161	41.205	-22.839	74.000	9.956	PK
3	*	9748.000	51.842	39.489	-22.158	74.000	12.353	PK

Site:AC5	Time: 2017/05/22 - 10:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 5:Transmit at channel 2462MHz by 11b	



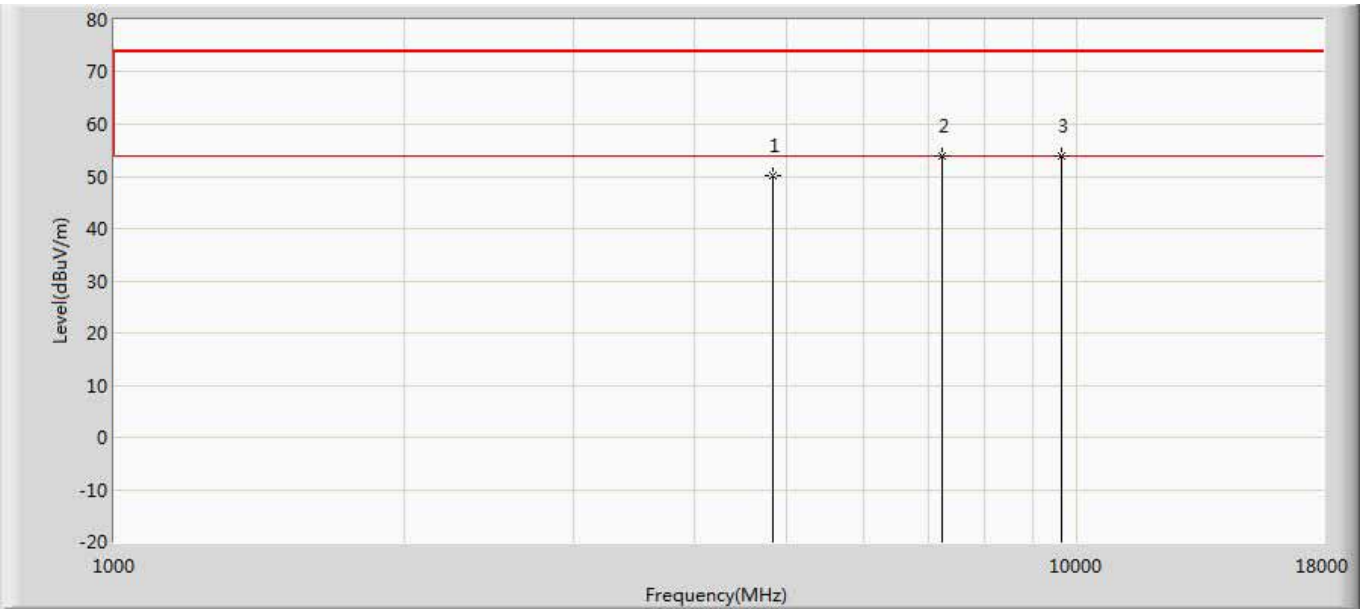
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	51.504	45.124	-22.496	74.000	6.379	PK
2		7386.000	52.322	42.489	-21.678	74.000	9.833	PK
3	*	9848.000	53.910	41.057	-20.090	74.000	12.853	PK

Site:AC5	Time: 2017/05/22 - 10:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 5:Transmit at channel 2462MHz by 11b	



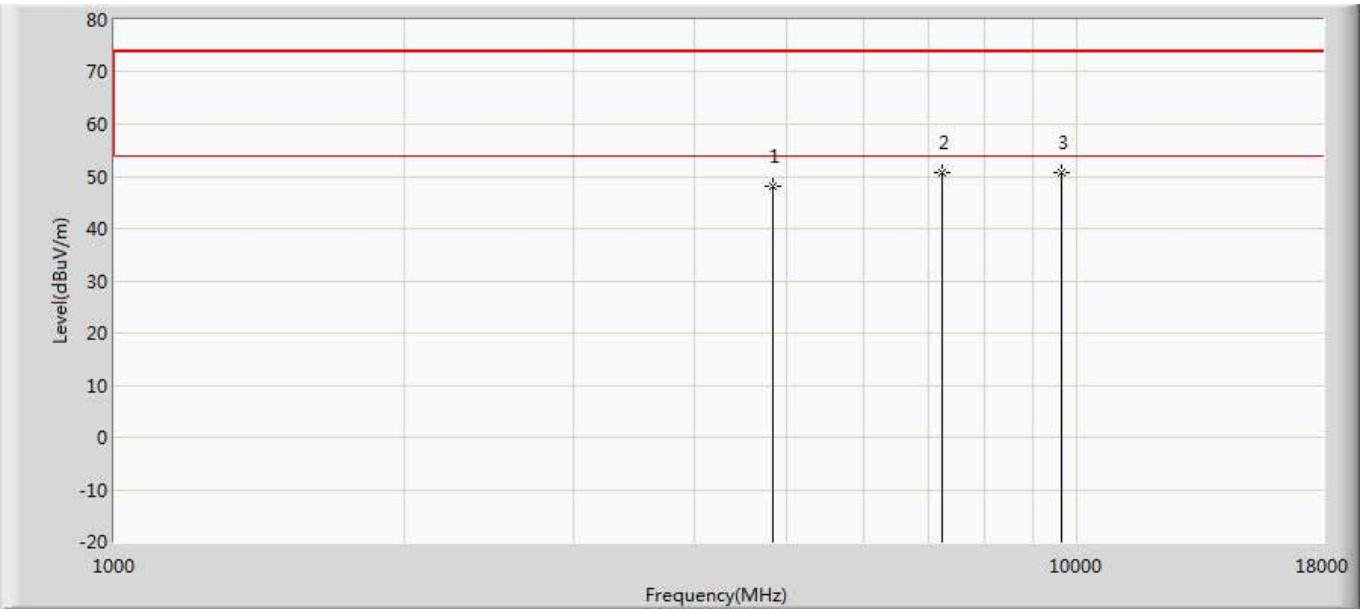
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	48.538	42.158	-25.462	74.000	6.379	PK
2		7386.000	50.087	40.254	-23.913	74.000	9.833	PK
3	*	9848.000	51.998	39.145	-22.002	74.000	12.853	PK

Site:AC5	Time: 2017/05/22 - 10:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 6:Transmit at channel 2412MHz by 11g	



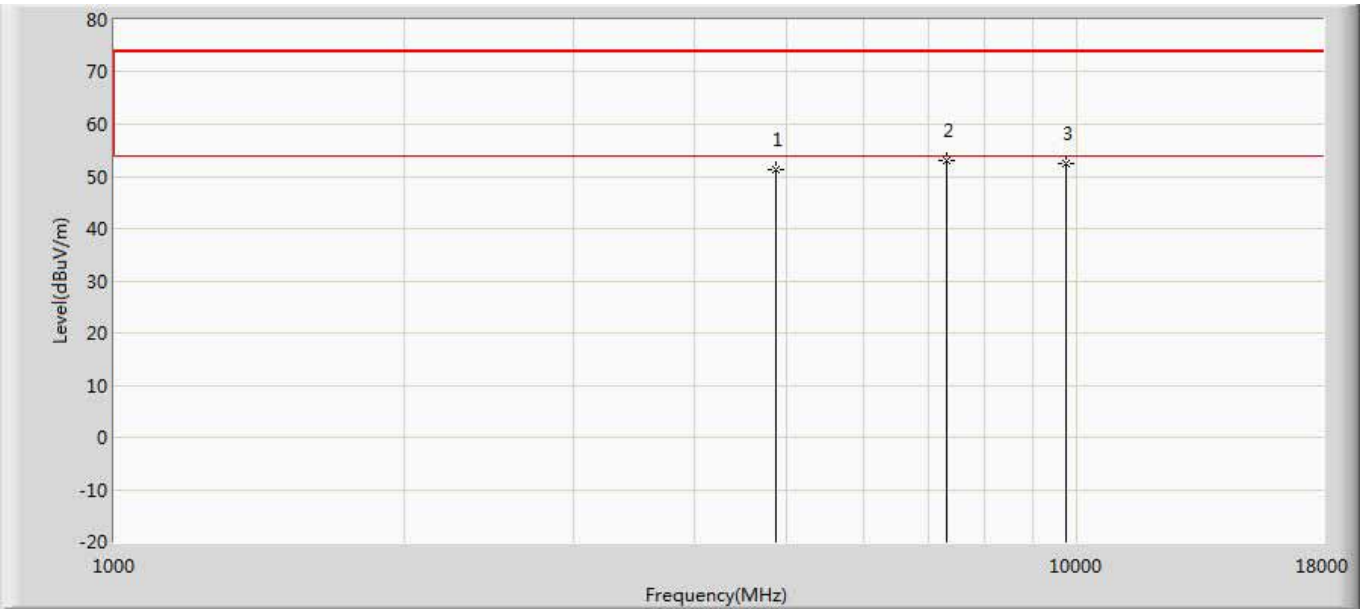
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	50.269	44.258	-23.731	74.000	6.011	PK
2		7236.000	53.807	43.578	-20.193	74.000	10.228	PK
3	*	9648.000	53.840	41.485	-20.160	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 6:Transmit at channel 2412MHz by 11g	



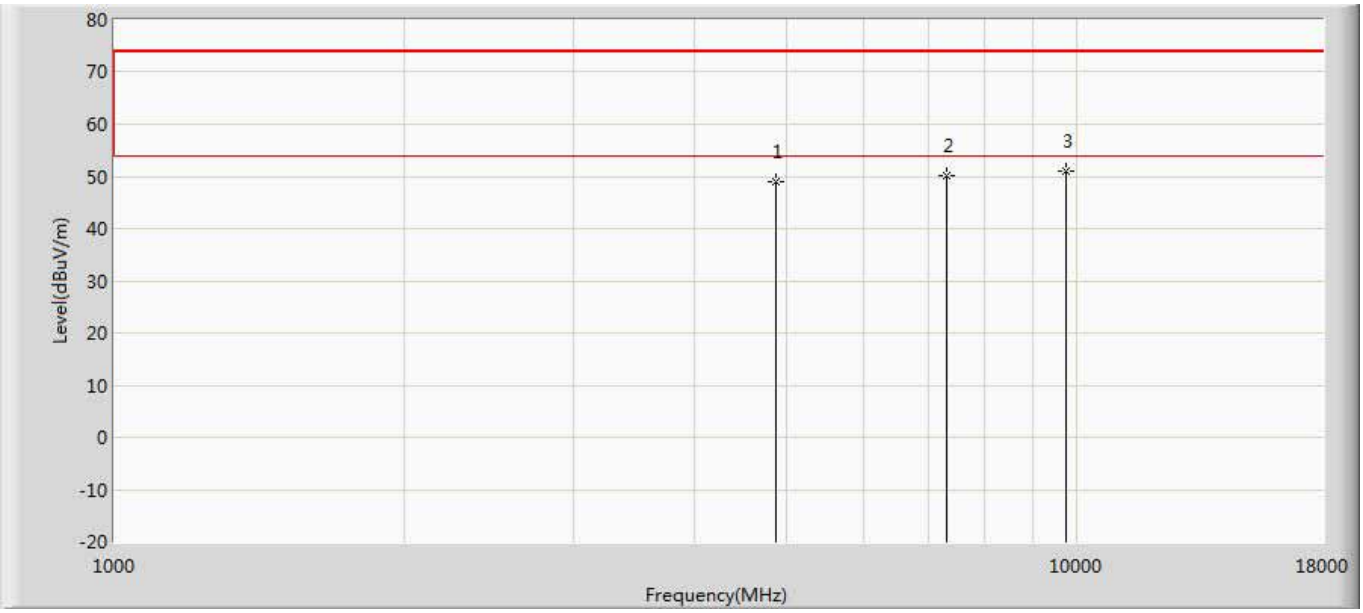
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	48.165	42.154	-25.835	74.000	6.011	PK
2		7236.000	50.813	40.584	-23.187	74.000	10.228	PK
3	*	9648.000	50.842	38.487	-23.158	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 6:Transmit at channel 2437MHz by 11g	



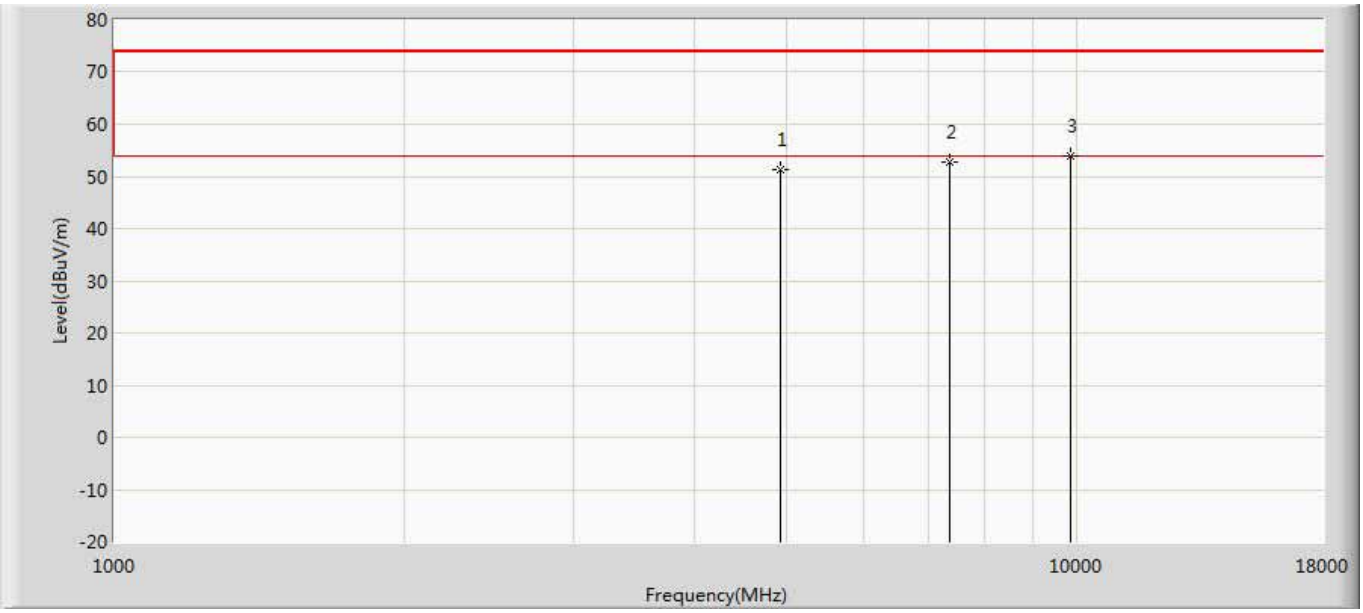
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	51.368	45.014	-22.632	74.000	6.354	PK
2	*	7311.000	52.990	43.034	-21.010	74.000	9.956	PK
3		9748.000	52.607	40.254	-21.393	74.000	12.353	PK

Site:AC5	Time: 2017/05/22 - 10:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 6:Transmit at channel 2437MHz by 11g	



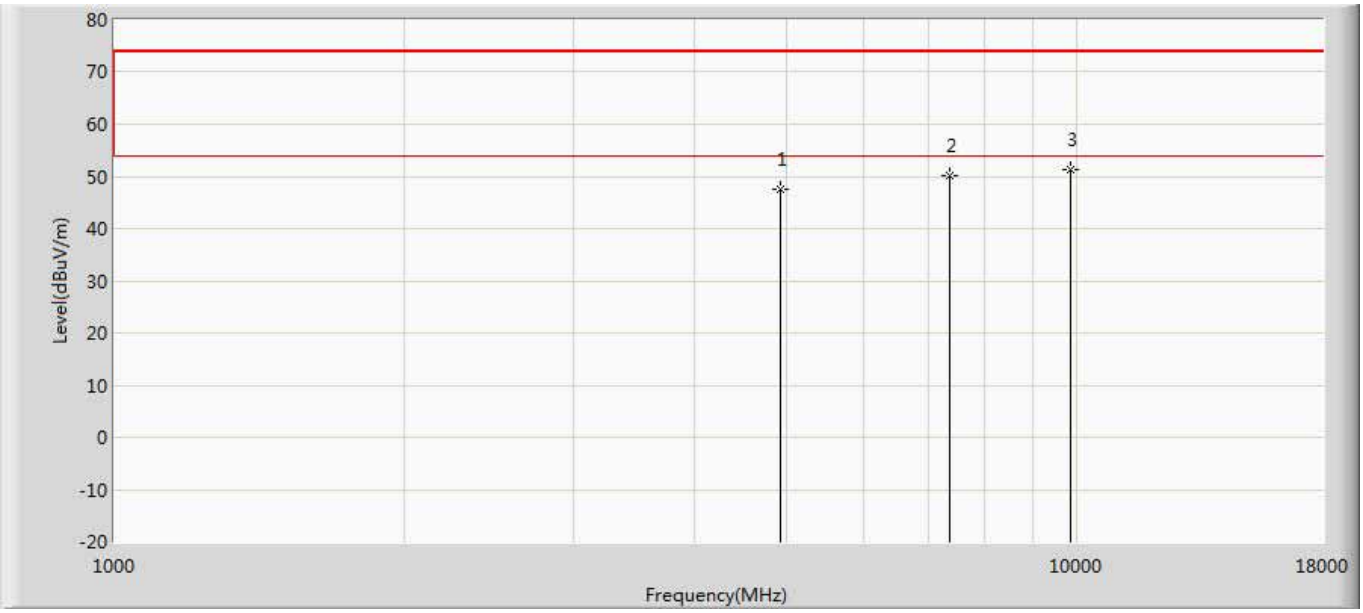
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	48.943	42.589	-25.057	74.000	6.354	PK
2		7311.000	50.191	40.235	-23.809	74.000	9.956	PK
3	*	9748.000	50.917	38.564	-23.083	74.000	12.353	PK

Site:AC5	Time: 2017/05/22 - 10:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 6:Transmit at channel 2462MHz by 11g	



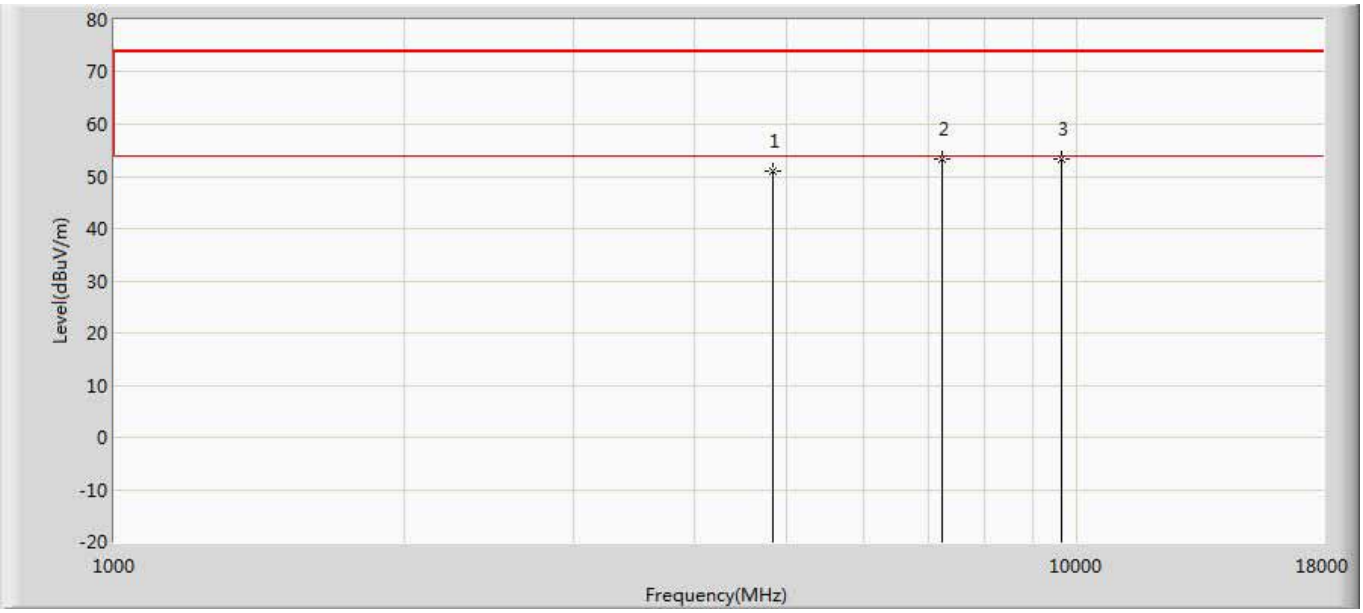
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	51.274	44.894	-22.726	74.000	6.379	PK
2		7386.000	52.847	43.014	-21.153	74.000	9.833	PK
3	*	9848.000	53.876	41.023	-20.124	74.000	12.853	PK

Site:AC5	Time: 2017/05/22 - 10:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 6:Transmit at channel 2462MHz by 11g	



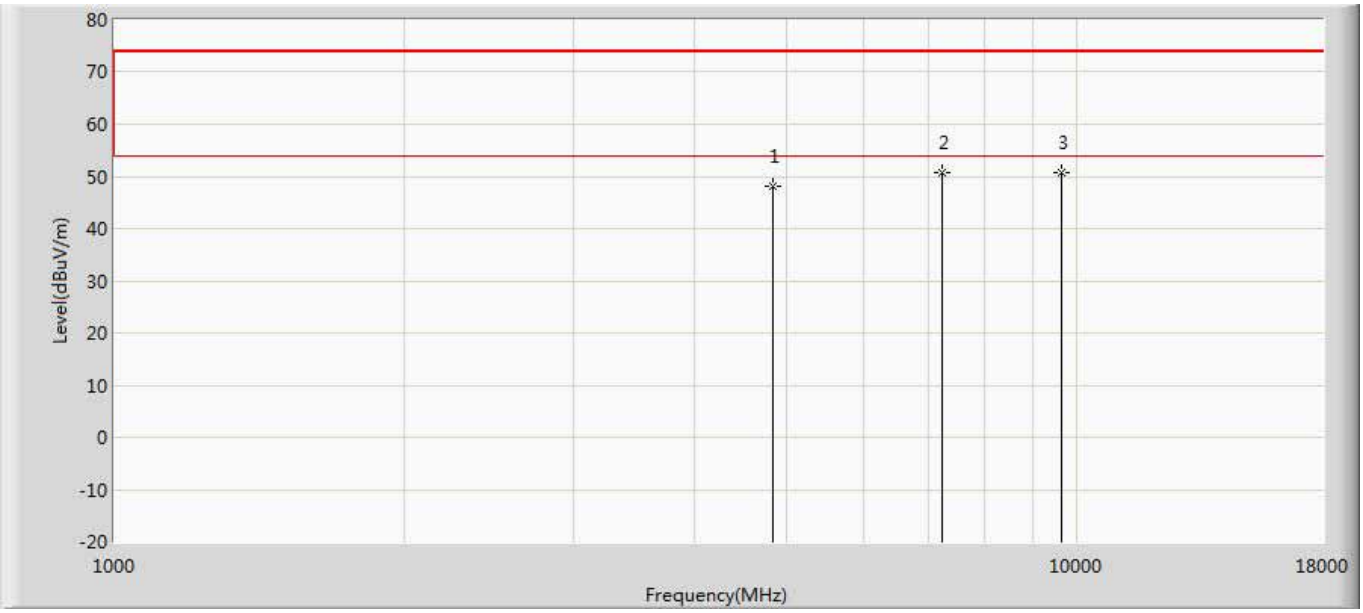
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	47.636	41.256	-26.364	74.000	6.379	PK
2		7386.000	50.078	40.245	-23.922	74.000	9.833	PK
3	*	9848.000	51.310	38.457	-22.690	74.000	12.853	PK

Site:AC5	Time: 2017/05/22 - 10:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 7:Transmit at channel 2412MHz by 11n20	



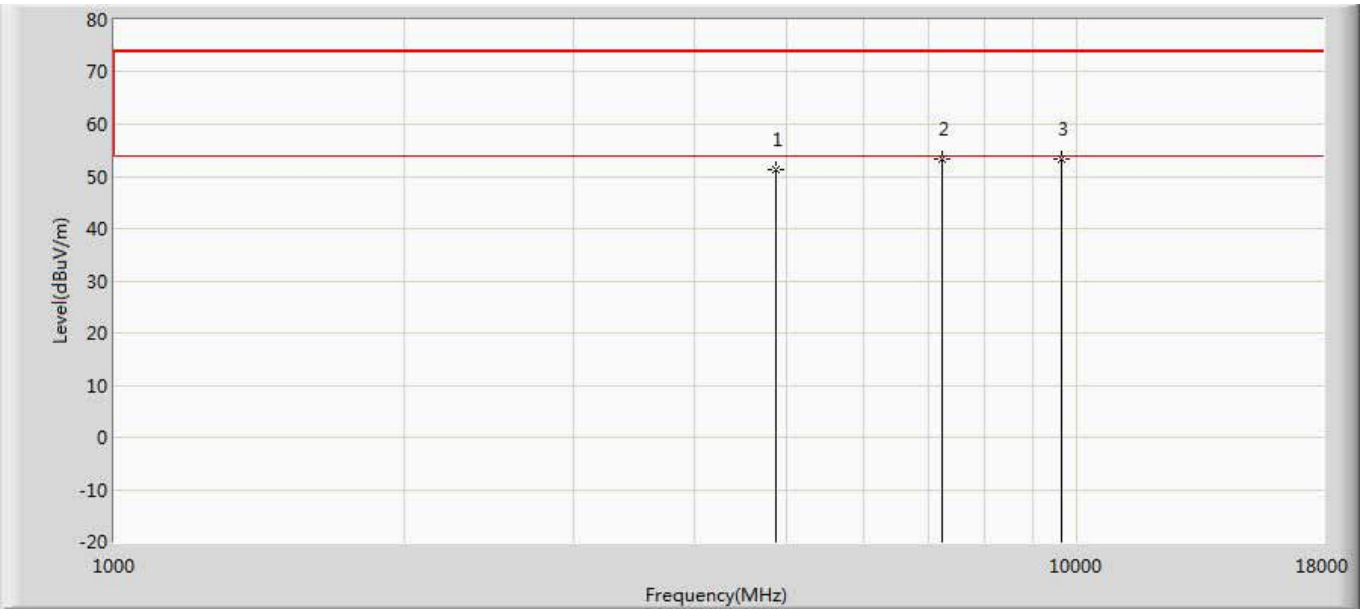
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	50.905	44.894	-23.095	74.000	6.011	PK
2	*	7236.000	53.478	43.249	-20.522	74.000	10.228	PK
3		9648.000	53.366	41.011	-20.634	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 7:Transmit at channel 2412MHz by 11n20	



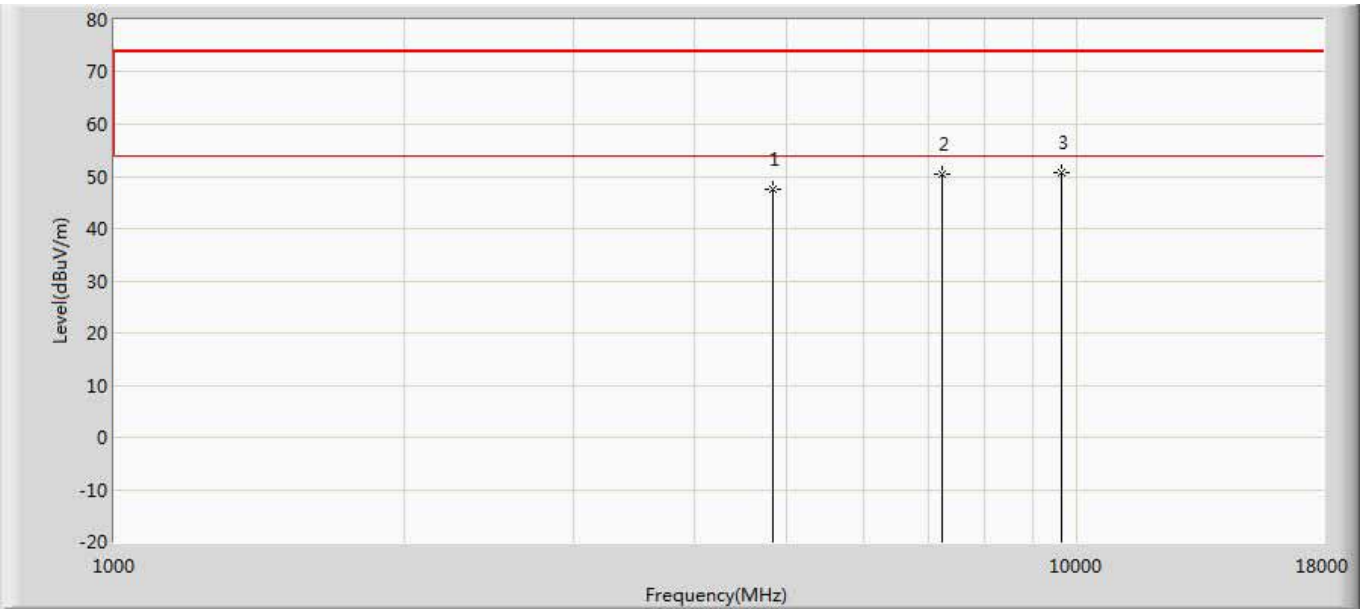
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	48.125	42.114	-25.875	74.000	6.011	PK
2		7236.000	50.770	40.541	-23.230	74.000	10.228	PK
3	*	9648.000	50.833	38.478	-23.167	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 7:Transmit at channel 2437MHz by 11n20	



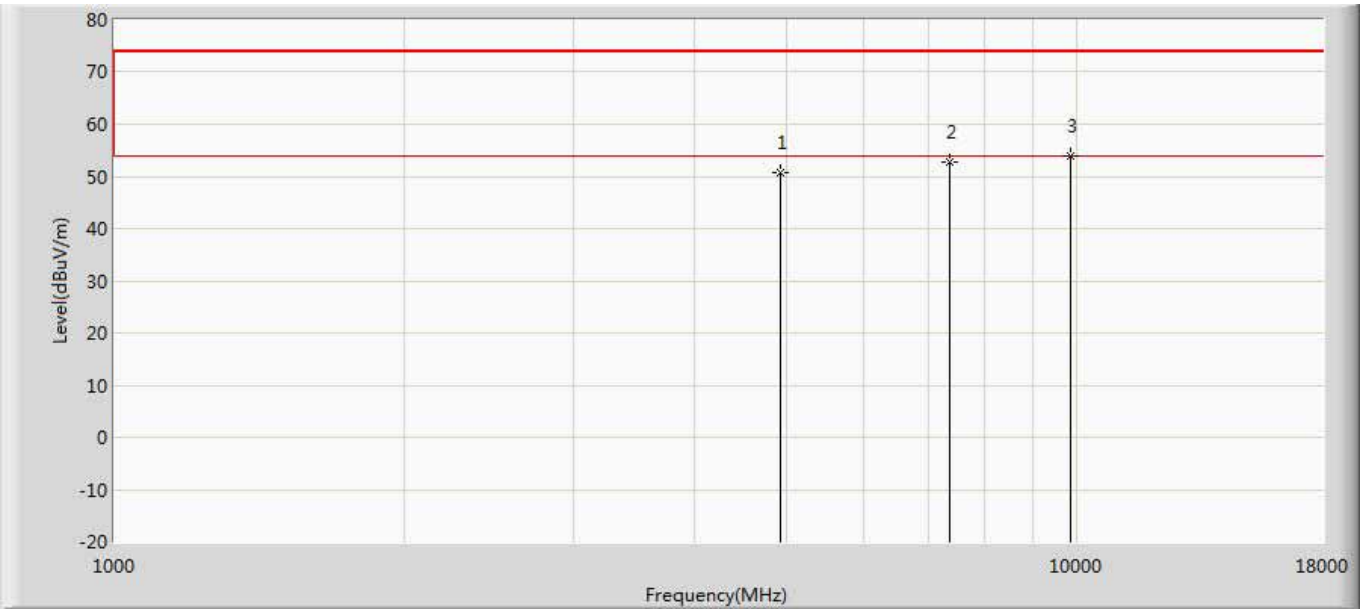
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	51.377	45.023	-22.623	74.000	6.354	PK
2	*	7236.000	53.254	43.025	-20.746	74.000	10.228	PK
3		9648.000	53.202	40.847	-20.798	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 7:Transmit at channel 2437MHz by 11n20	



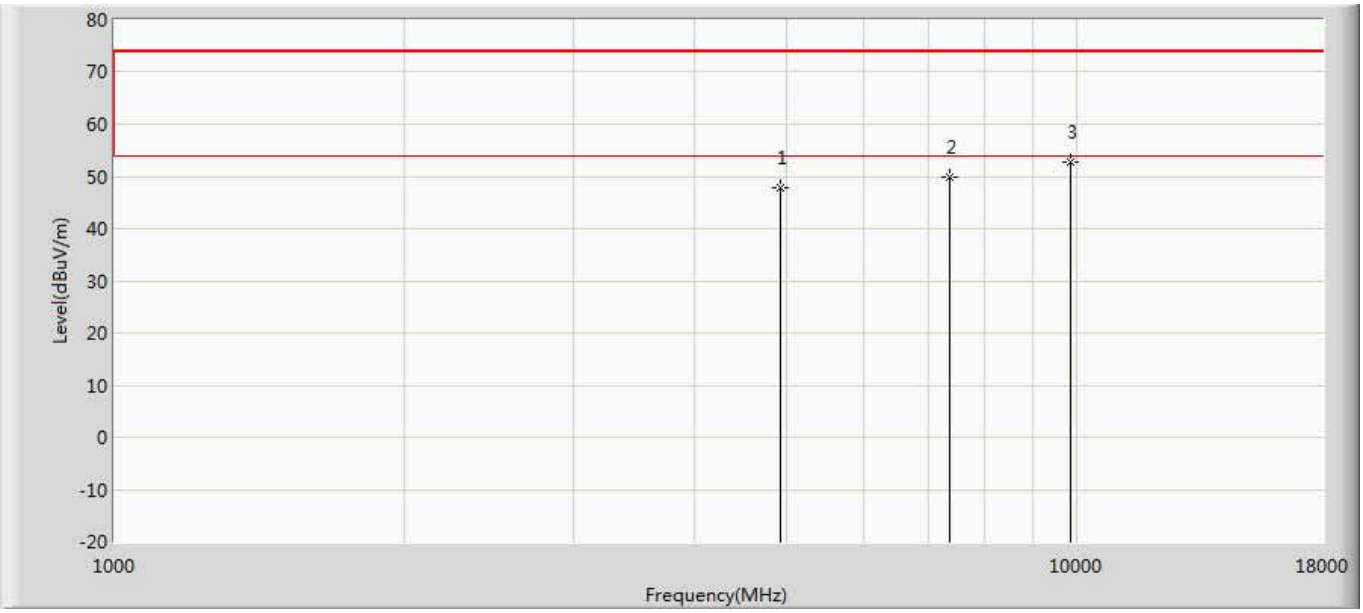
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	47.579	41.568	-26.421	74.000	6.011	PK
2		7236.000	50.487	40.258	-23.513	74.000	10.228	PK
3	*	9648.000	50.842	38.487	-23.158	74.000	12.356	PK

Site:AC5	Time: 2017/05/22 - 10:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 7:Transmit at channel 2462MHz by 11n20	



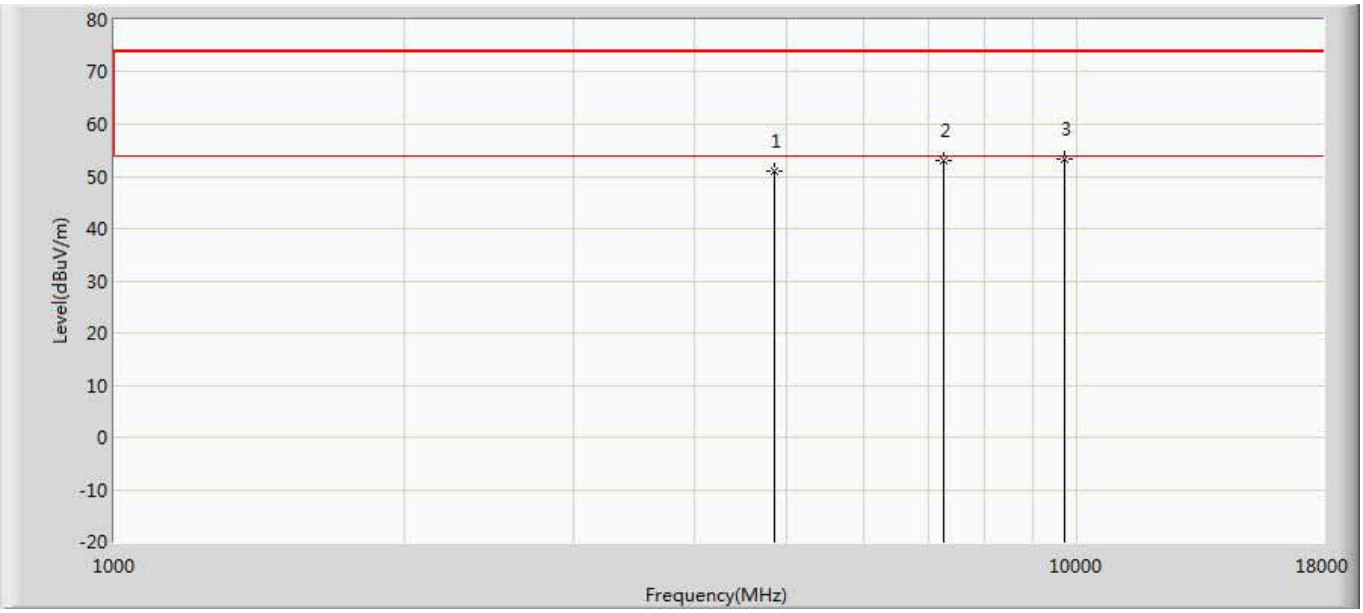
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	50.638	44.258	-23.362	74.000	6.379	PK
2		7386.000	52.845	43.012	-21.155	74.000	9.833	PK
3	*	9848.000	53.874	41.021	-20.126	74.000	12.853	PK

Site:AC5	Time: 2017/05/22 - 10:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 7:Transmit at channel 2462MHz by 11n20	



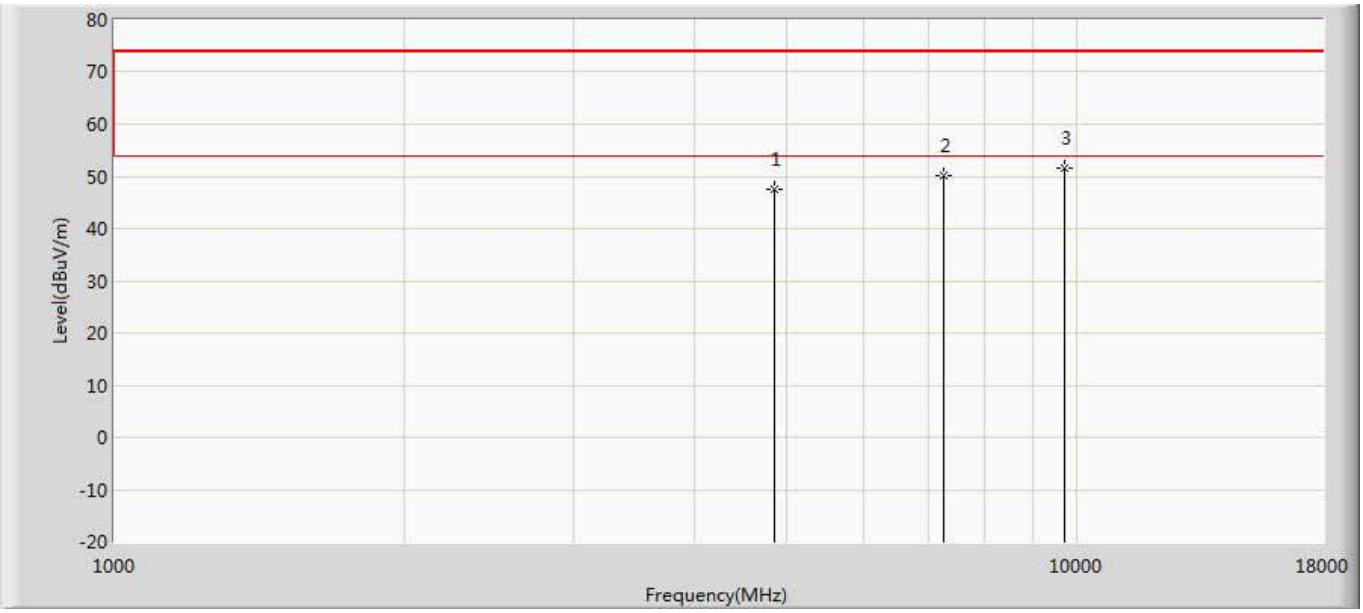
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	47.969	41.589	-26.031	74.000	6.379	PK
2		7386.000	49.891	40.058	-24.109	74.000	9.833	PK
3	*	9848.000	52.884	40.031	-21.116	74.000	12.853	PK

Site:AC5	Time: 2017/05/22 - 10:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 8:Transmit at channel 2422MHz by 11n40	



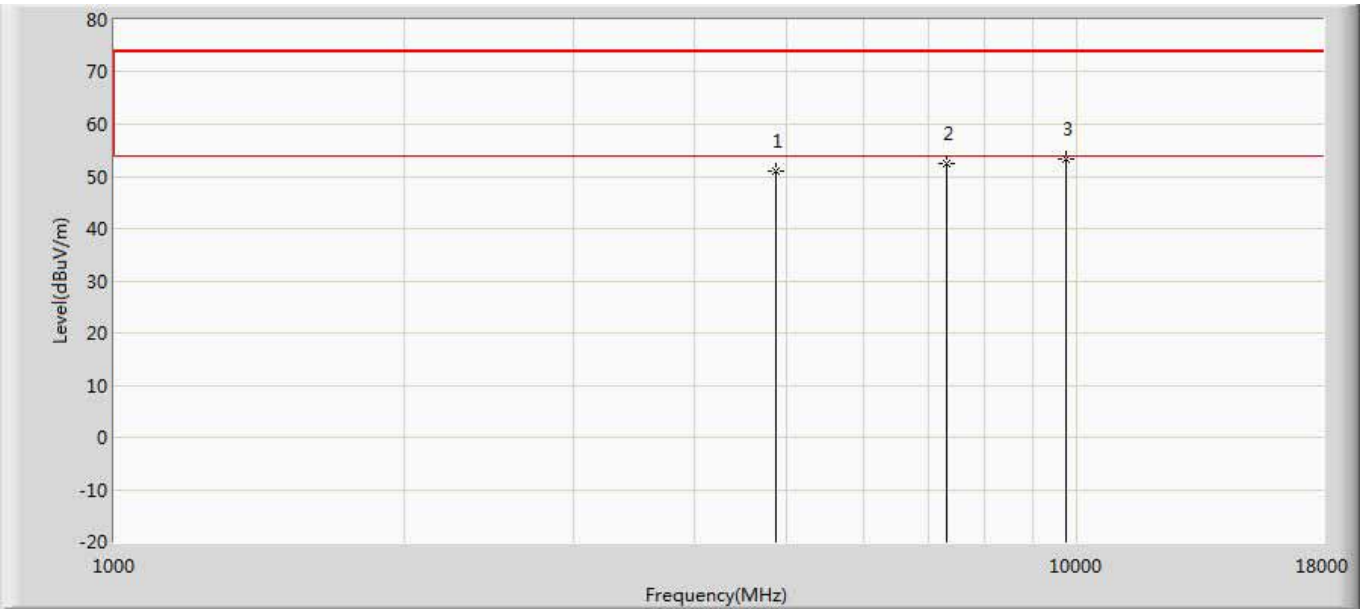
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	51.136	44.895	-22.864	74.000	6.241	PK
2		7266.000	53.048	43.041	-20.952	74.000	10.006	PK
3	*	9688.000	53.376	40.256	-20.624	74.000	13.120	PK

Site:AC5	Time: 2017/05/22 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 8:Transmit at channel 2422MHz by 11n40	



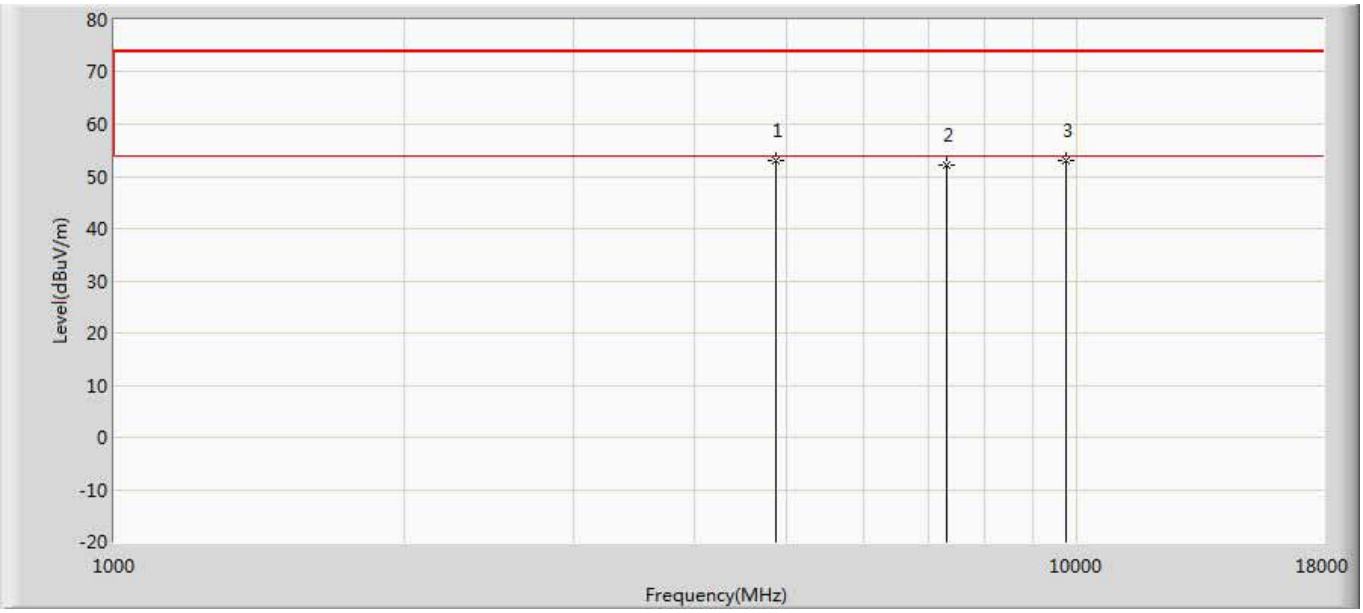
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4844.000	47.497	41.256	-26.503	74.000	6.241	PK
2		7266.000	50.263	40.256	-23.737	74.000	10.006	PK
3	*	9688.000	51.532	38.412	-22.468	74.000	13.120	PK

Site:AC5	Time: 2017/05/22 - 10:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 8:Transmit at channel 2437MHz by 11n40	



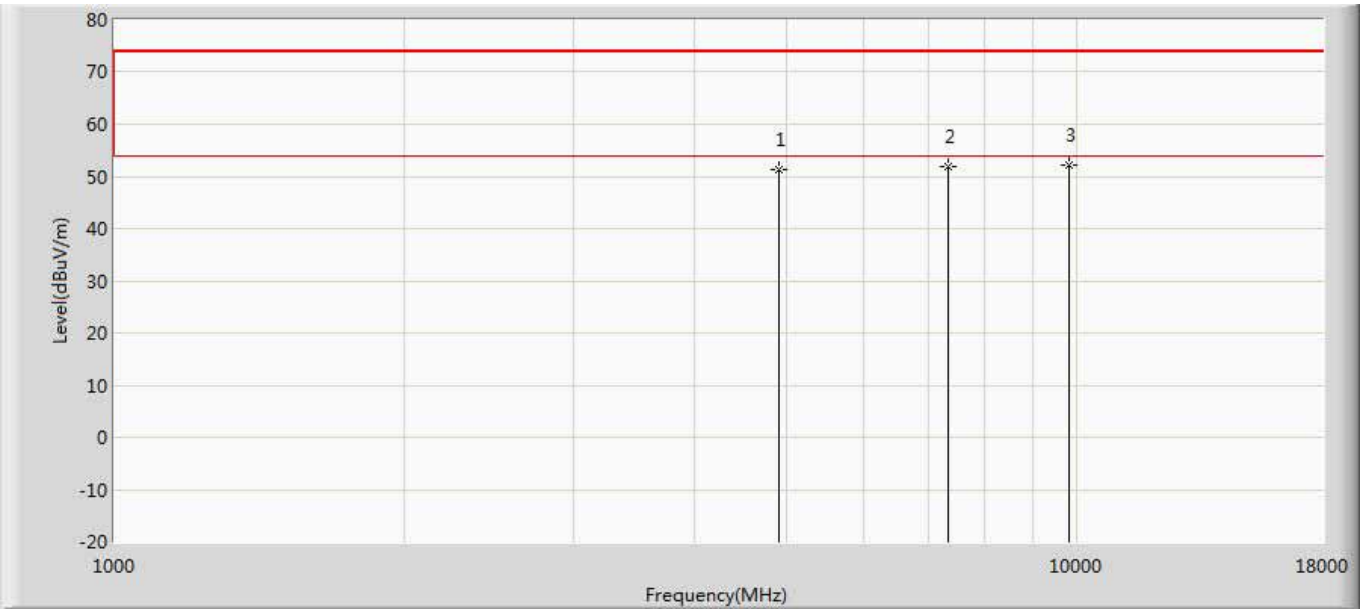
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	50.923	44.569	-23.077	74.000	6.354	PK
2		7311.000	52.321	42.365	-21.679	74.000	9.956	PK
3	*	9748.000	53.374	41.021	-20.626	74.000	12.353	PK

Site:AC5	Time: 2017/05/22 - 13:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 8:Transmit at channel 2437MHz by 11n40	



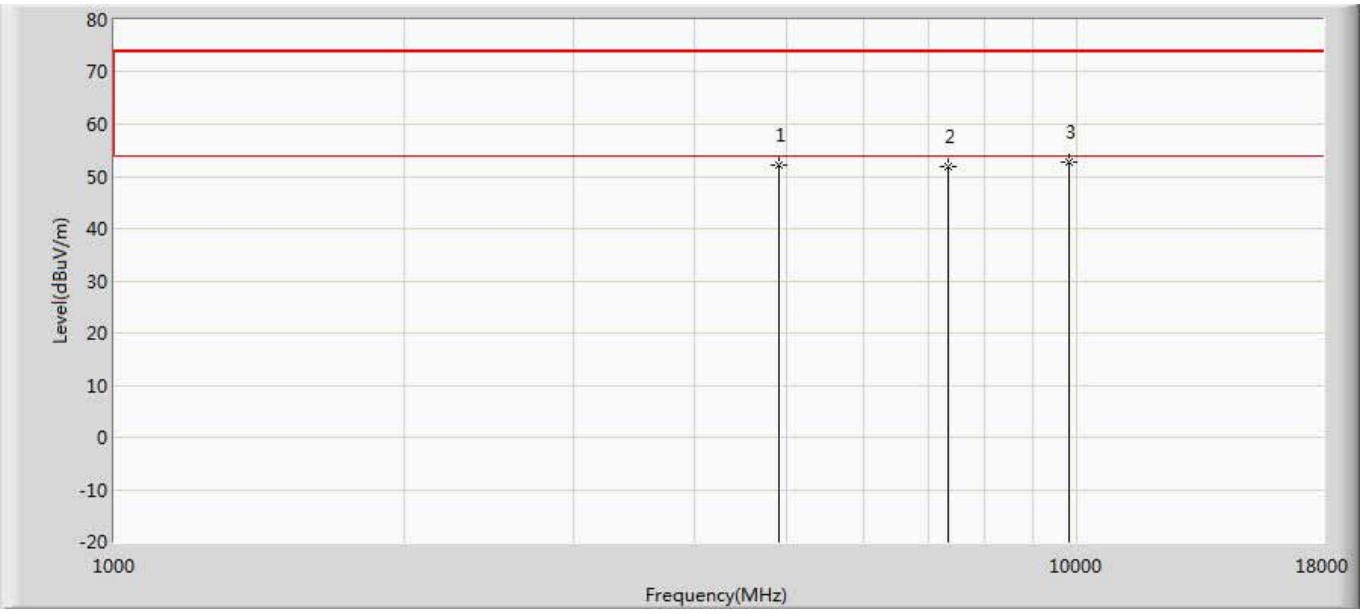
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4874.000	53.180	46.826	-20.820	74.000	6.354	PK
2		7311.000	52.260	42.304	-21.740	74.000	9.956	PK
3		9748.000	53.020	40.667	-20.980	74.000	12.353	PK

Site:AC5	Time: 2017/05/20 - 09:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 8:Transmit at channel 2452MHz by 11n40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	51.380	44.955	-22.620	74.000	6.425	PK
2		7356.000	52.010	41.634	-21.990	74.000	10.376	PK
3	*	9808.000	52.260	40.159	-21.740	74.000	12.101	PK

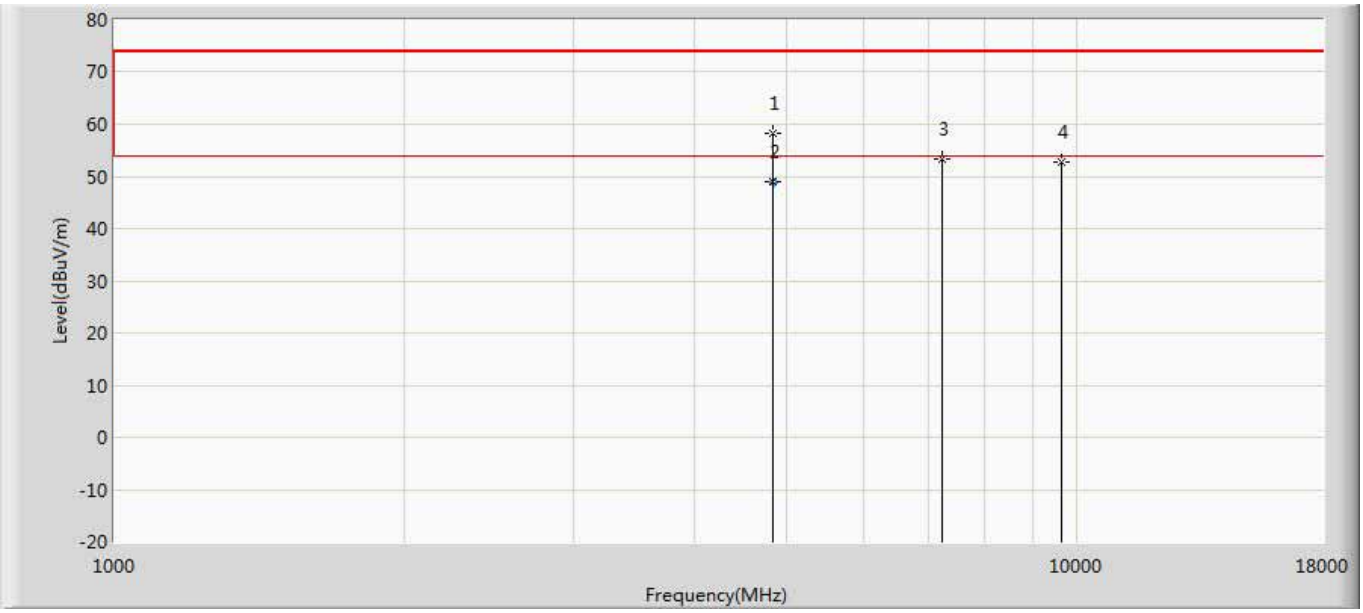
Site:AC5	Time: 2017/05/20 - 13:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: 120V/60Hz
Note: Mode 8:Transmit at channel 2452MHz by 11n40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4904.000	52.280	45.855	-21.720	74.000	6.425	PK
2		7356.000	51.960	41.584	-22.040	74.000	10.376	PK
3	*	9808.000	52.650	40.549	-21.350	74.000	12.101	PK

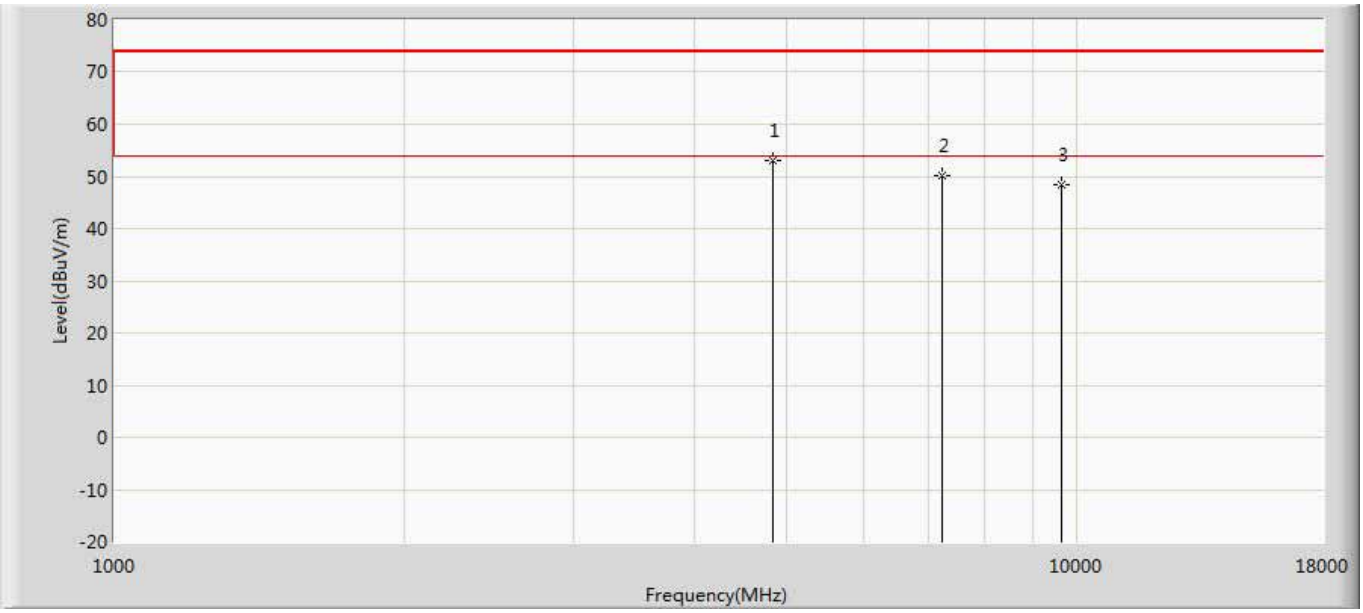
Beamforming Mode:

Site: AC5	Time: 2017/5/24 - 10:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode9:Transmit at CH2412 by 802.11n20 beamforming	



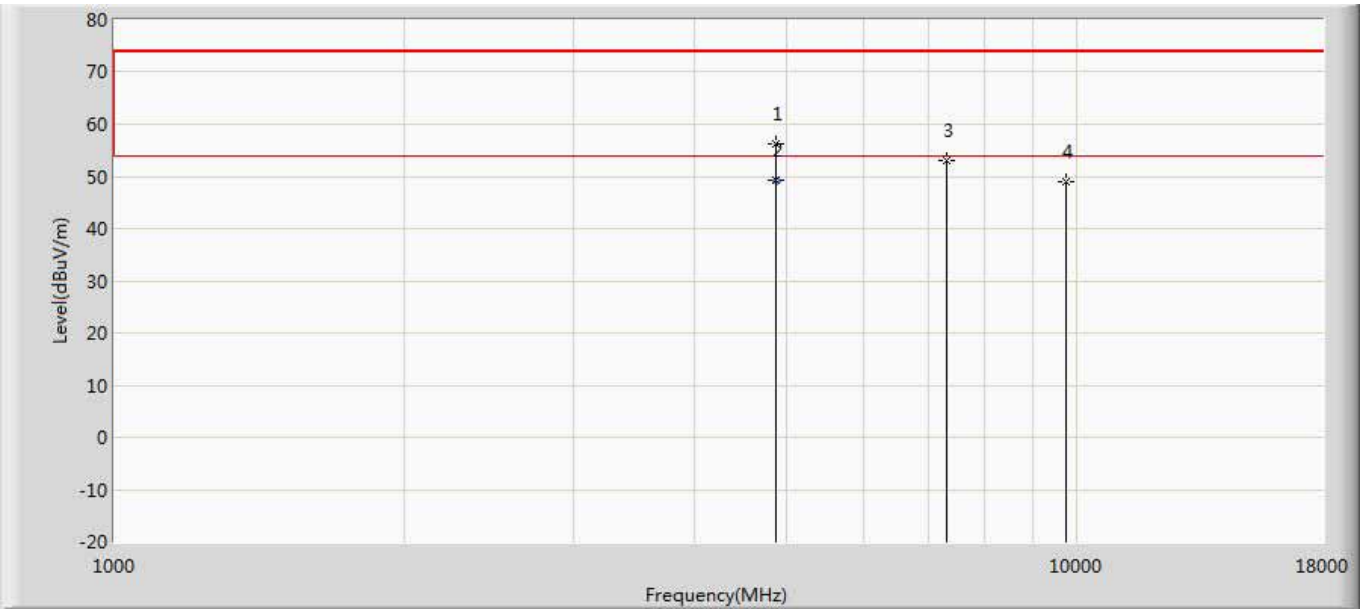
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4824.000	58.165	49.562	-15.835	74.000	8.603	PK
2	*	4824.000	49.012	40.409	-4.988	54.000	8.603	AV
3		7236.000	53.261	39.411	-20.739	74.000	13.850	PK
4		9648.000	52.615	36.174	-21.385	74.000	16.441	PK

Site: AC5	Time: 2017/05/25 - 11:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode9:Transmit at CH2412 by 802.11n20 beamforming	



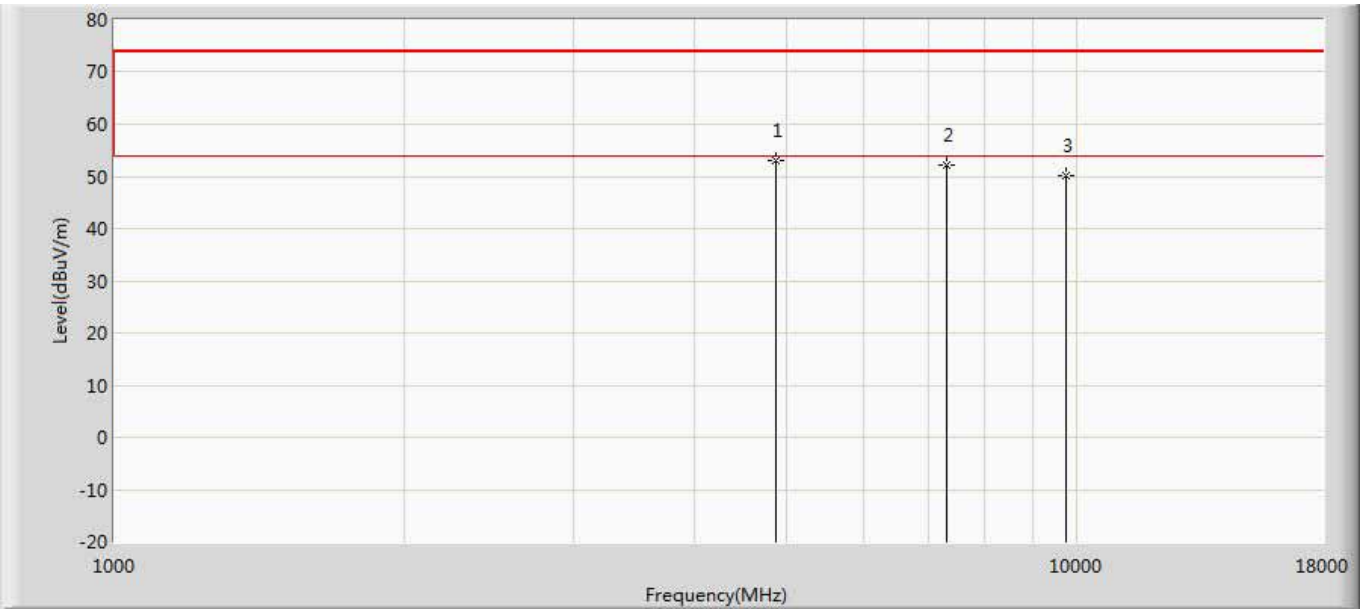
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4824.000	53.012	44.409	-20.988	74.000	8.603	PK
2		7236.000	50.035	36.185	-23.965	74.000	13.850	PK
3		9648.000	48.322	31.881	-25.678	74.000	16.441	PK

Site: AC5	Time: 2017/05/25 - 11:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode9:Transmit at CH2437 by 802.11n20 beamforming	



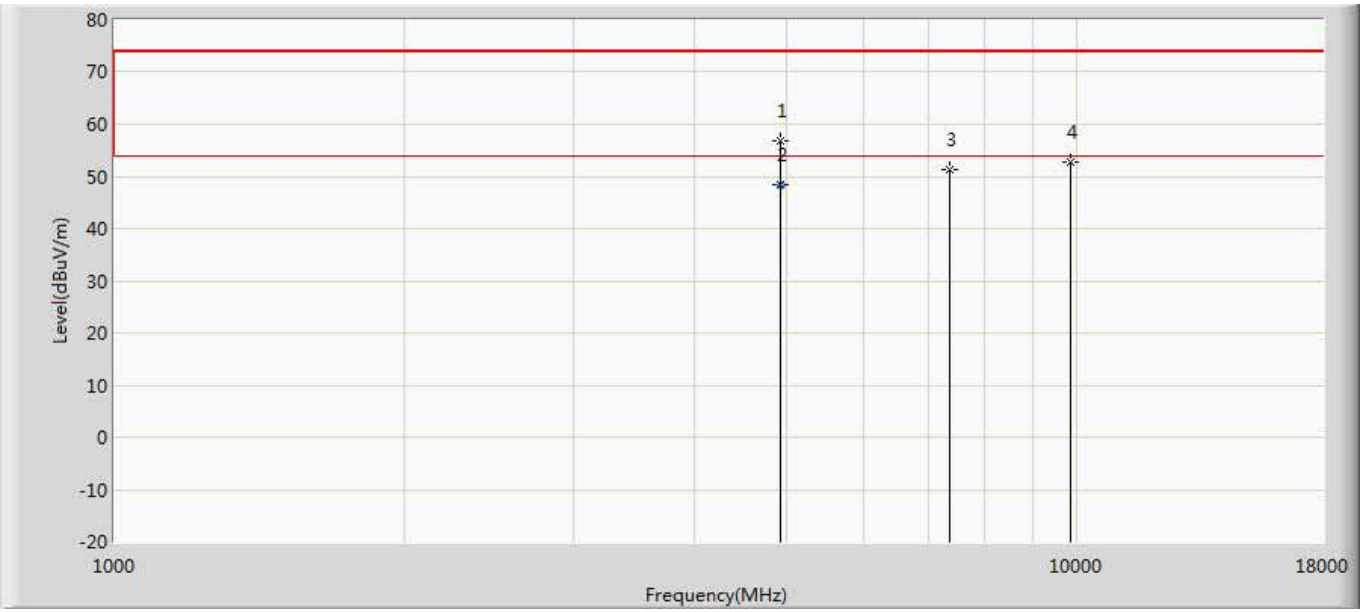
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	56.212	47.436	-17.788	74.000	8.776	PK
2	*	4874.000	49.221	40.445	-4.779	54.000	8.776	AV
3		7311.000	53.122	39.637	-20.878	74.000	13.486	PK
4		9748.000	49.021	32.428	-24.979	74.000	16.593	PK

Site: AC5	Time: 2017/05/25 - 14:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode9:Transmit at CH2437 by 802.11n20 beamforming	



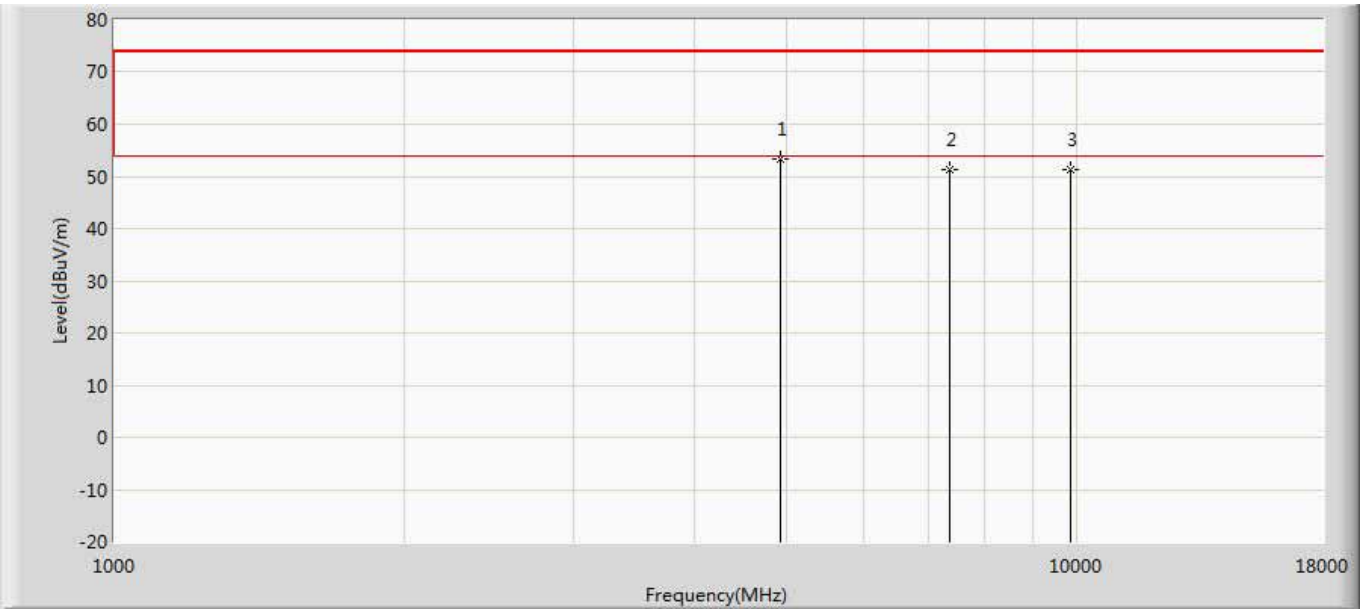
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4874.000	53.001	44.225	-20.999	74.000	8.776	PK
2		7311.000	52.102	38.617	-21.898	74.000	13.486	PK
3		9748.000	50.124	33.531	-23.876	74.000	16.593	PK

Site: AC5	Time: 2017/05/25 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode9:Transmit at CH2462 by 802.11n20 beamforming	



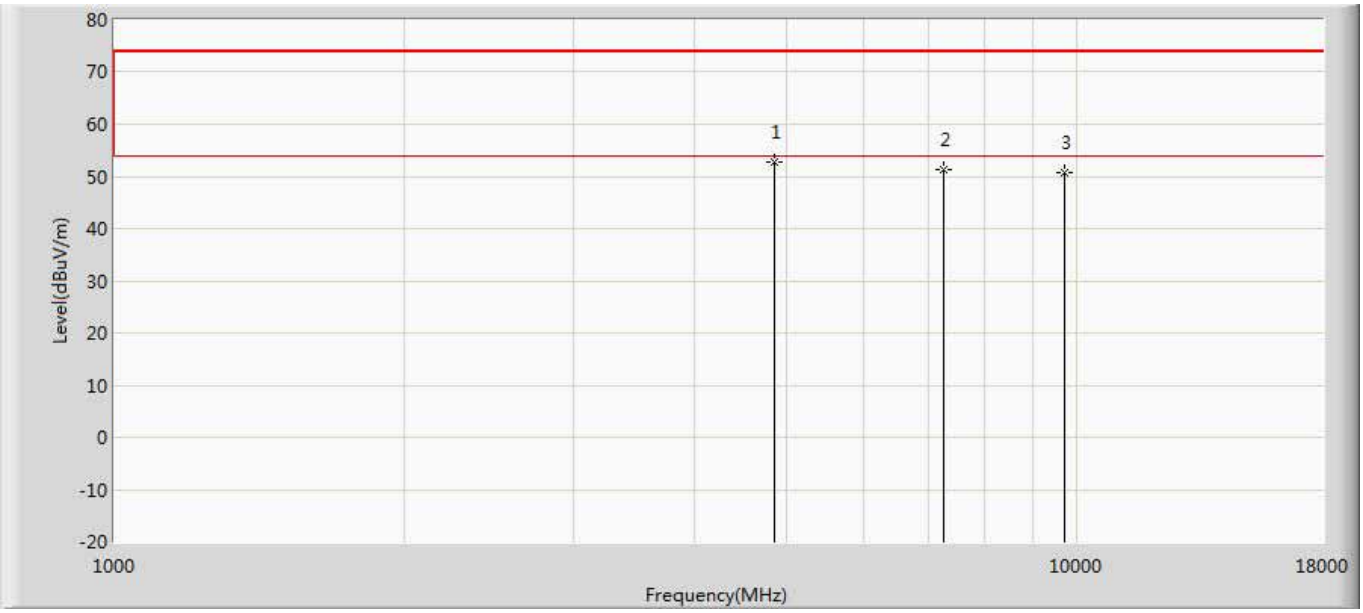
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4924.000	56.815	47.833	-17.185	74.000	8.981	PK
2	*	4924.000	48.326	39.344	-5.674	54.000	8.981	AV
3		7386.000	51.362	37.852	-22.638	74.000	13.510	PK
4		9848.000	52.665	35.753	-21.335	74.000	16.911	PK

Site: AC5	Time: 2017/05/25 - 16:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode9:Transmit at CH2462 by 802.11n20 beamforming	



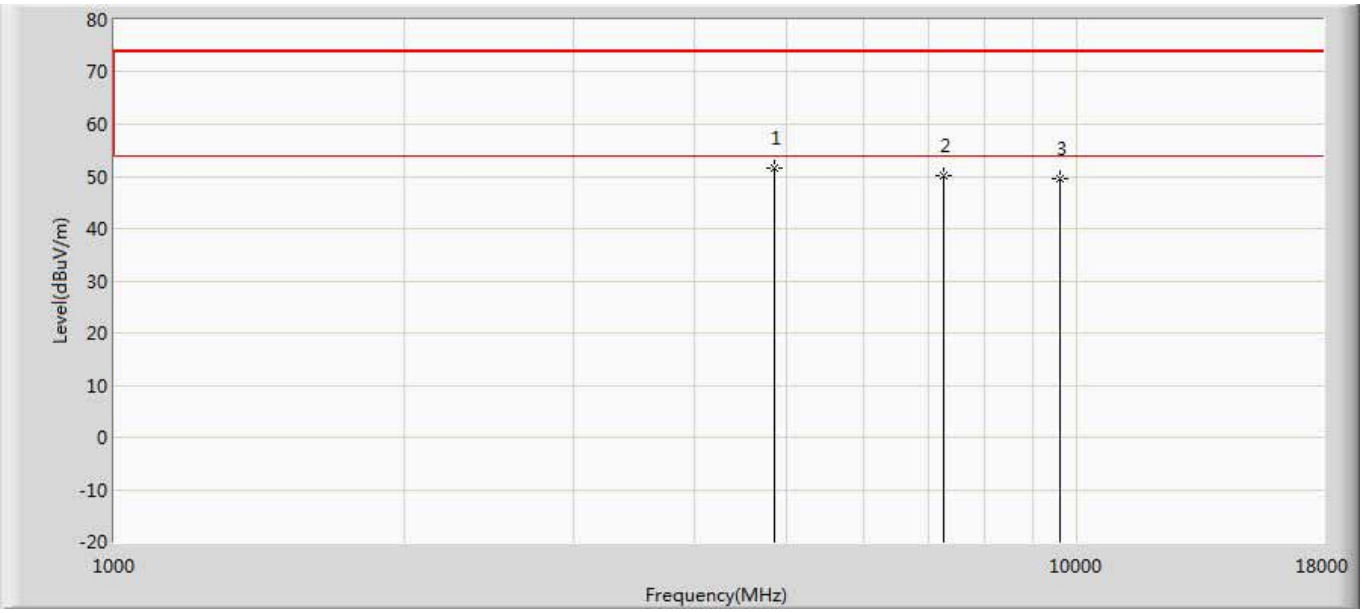
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4924.000	53.231	44.249	-20.769	74.000	8.981	PK
2		7386.000	51.265	37.755	-22.735	74.000	13.510	PK
3		9848.000	51.268	34.356	-22.732	74.000	16.911	PK

Site: AC5	Time: 2017/05/25 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode10:Transmit at CH2422 by 802.11n40 beamforming	



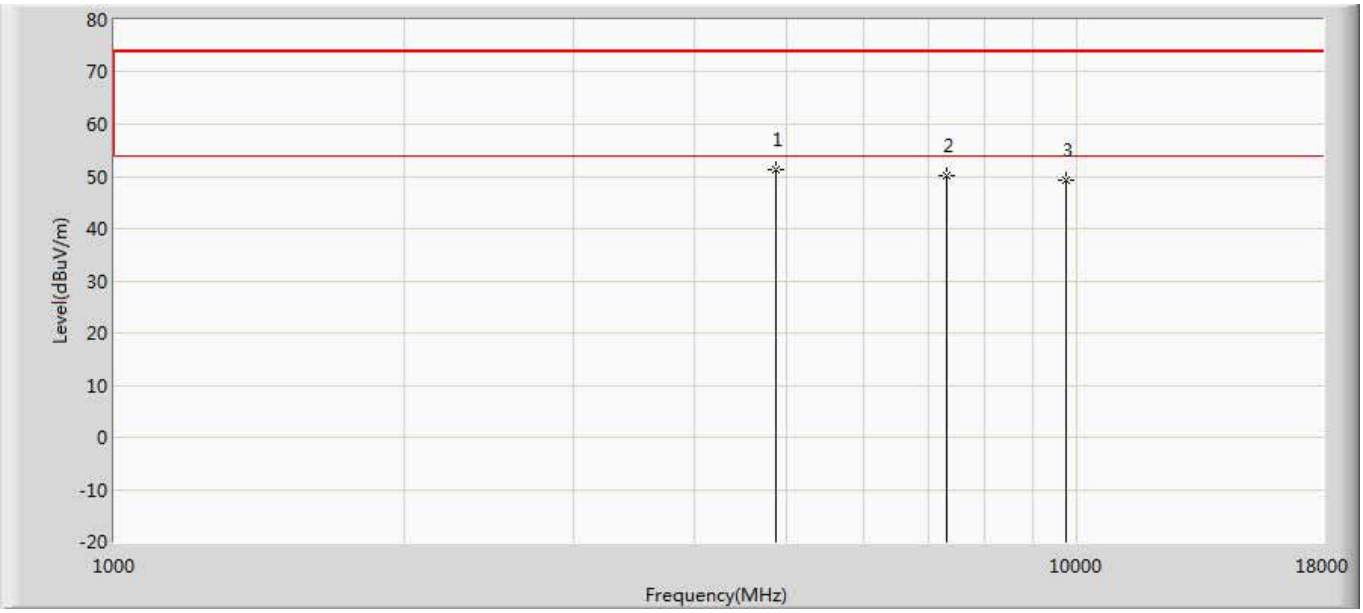
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4844.000	52.812	43.963	-21.188	74.000	8.849	PK
2		7266.000	51.162	37.646	-22.838	74.000	13.515	PK
3		9688.000	50.625	33.931	-23.375	74.000	16.693	PK

Site: AC5	Time: 2017/05/26 - 13:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode10:Transmit at CH2422 by 802.11n40 beamforming	



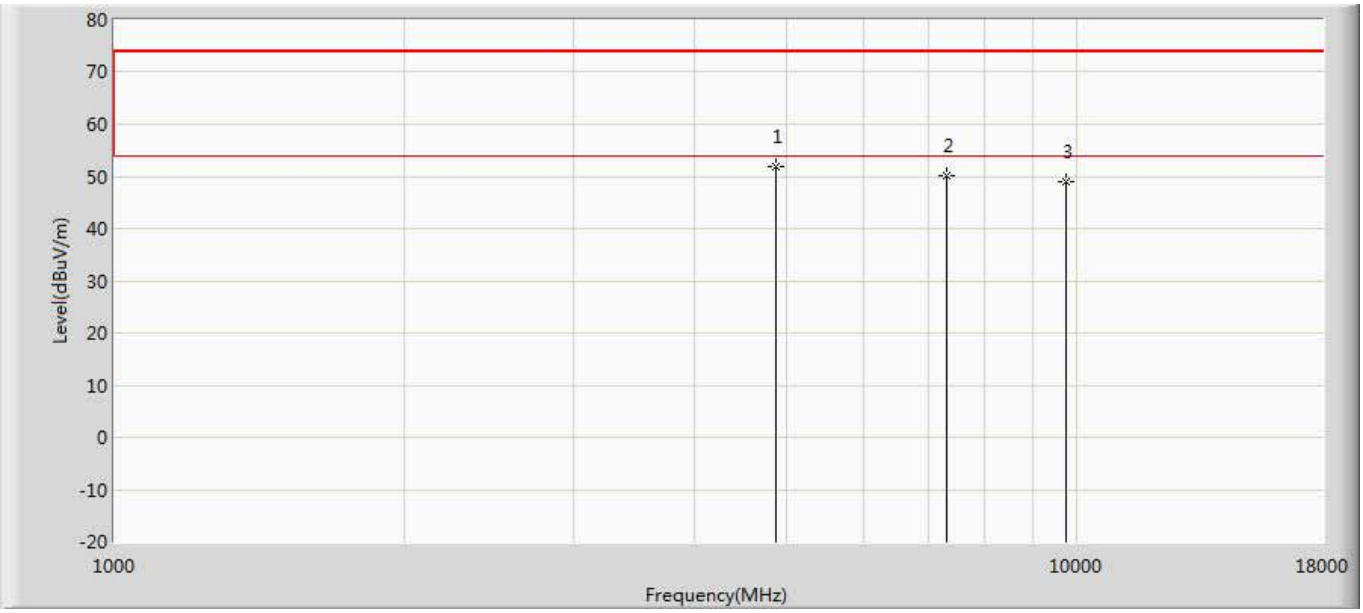
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4844.000	51.569	42.720	-22.431	74.000	8.849	PK
2		7266.000	50.118	36.602	-23.882	74.000	13.515	PK
3		9588.000	49.621	33.570	-24.379	74.000	16.051	PK

Site: AC5	Time: 2017/05/26 - 15:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode10:Transmit at CH2437 by 802.11n40 beamforming	



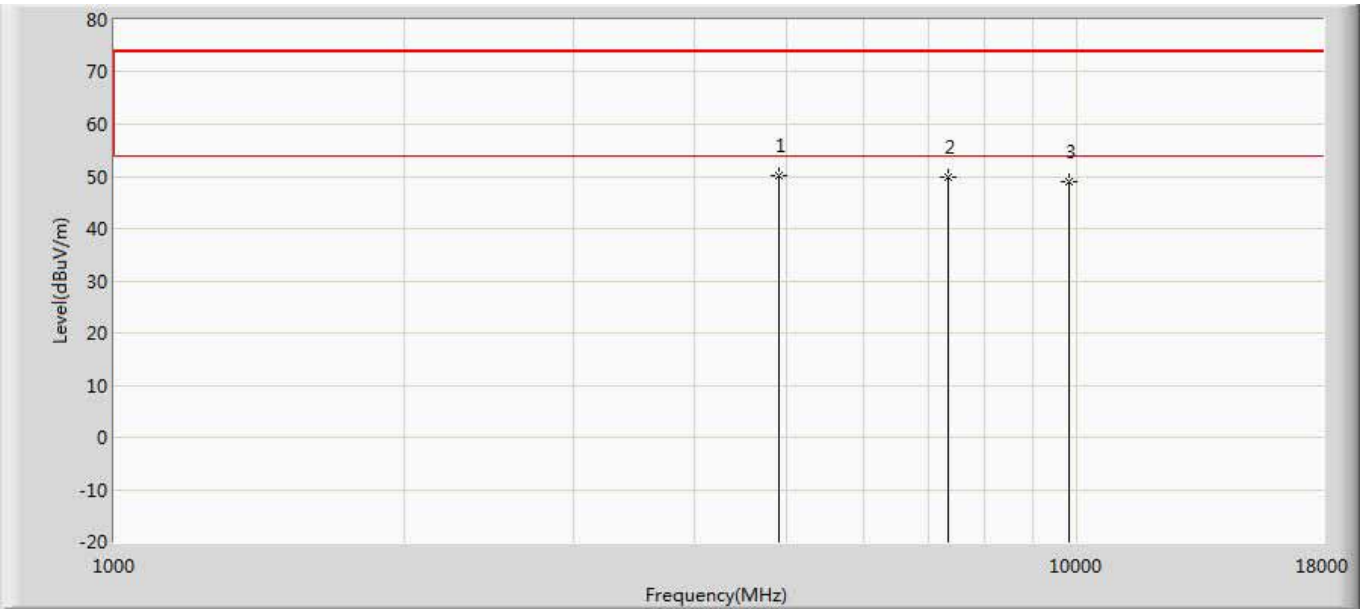
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4874.000	51.256	42.480	-22.744	74.000	8.776	PK
2		7311.000	50.126	36.641	-23.874	74.000	13.486	PK
3		9748.000	49.156	32.563	-24.844	74.000	16.593	PK

Site: AC5	Time: 2017/05/26 - 15:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode10:Transmit at CH2437 by 802.11n40 beamforming	



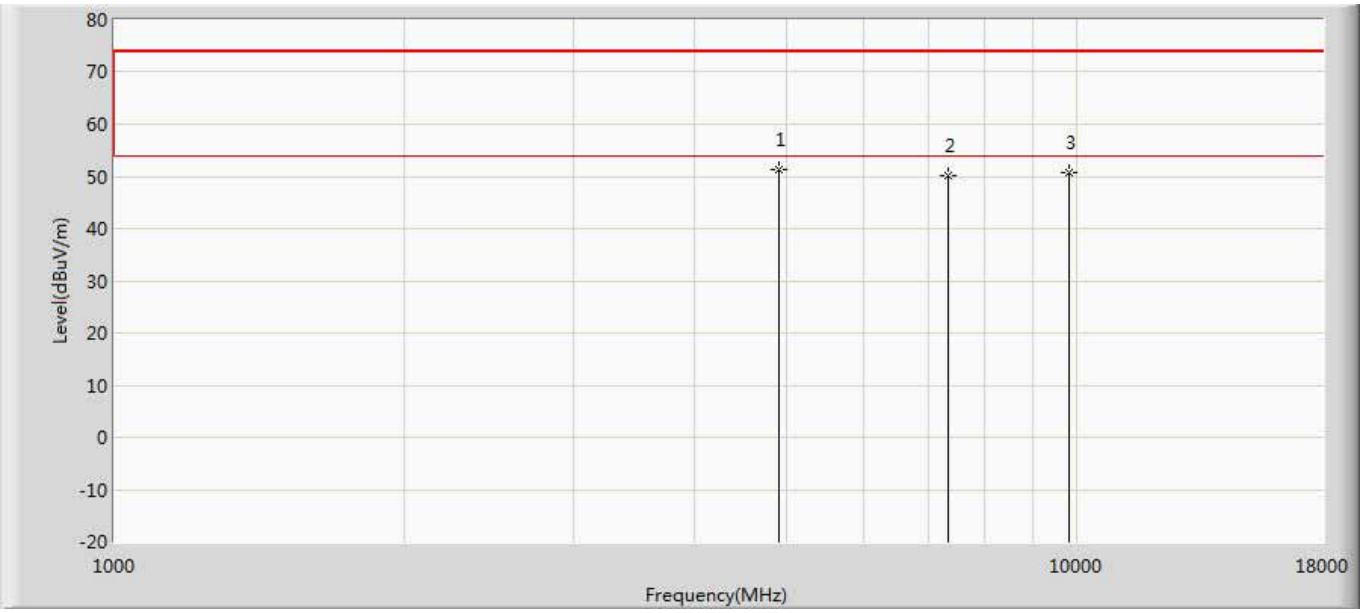
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4874.000	51.765	42.989	-22.235	74.000	8.776	PK
2		7311.000	50.023	36.538	-23.977	74.000	13.486	PK
3		9748.000	49.023	32.430	-24.977	74.000	16.593	PK

Site: AC5	Time: 2017/05/26 - 15:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode10:Transmit at CH2452 by 802.11n40 beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4904.000	50.128	41.234	-23.872	74.000	8.894	PK
2		7356.000	49.961	35.864	-24.039	74.000	14.097	PK
3		9808.000	49.021	32.578	-24.979	74.000	16.443	PK

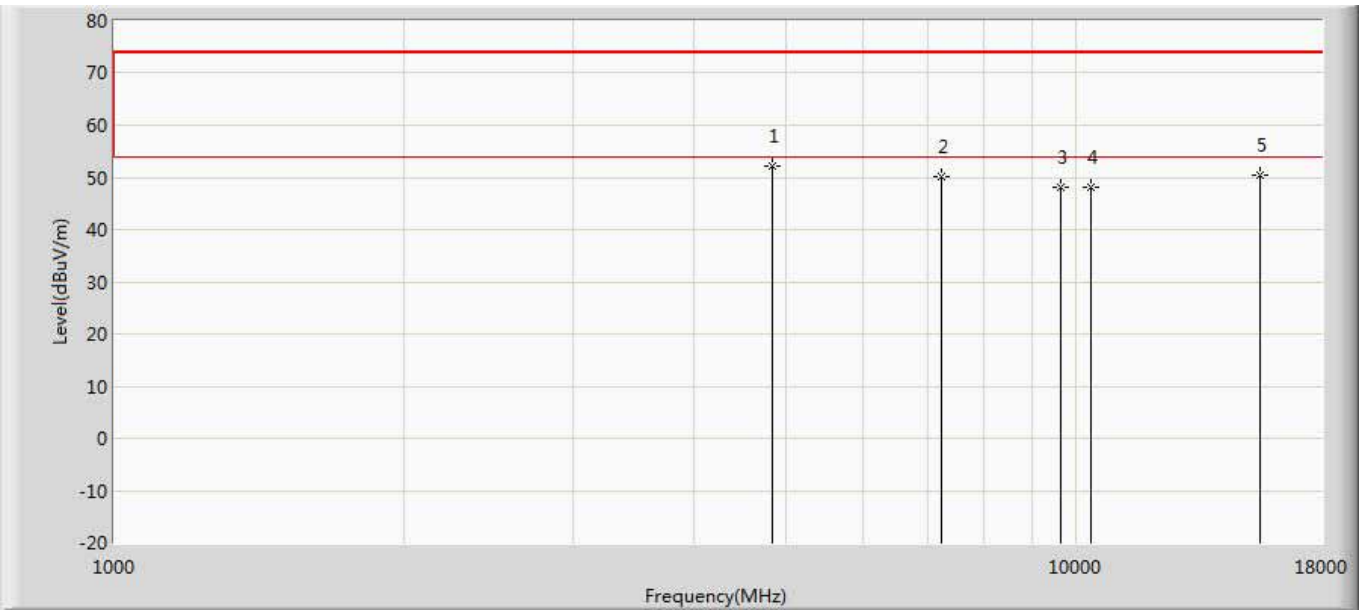
Site: AC5	Time: 2017/05/26 - 15:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode10:Transmit at CH2452 by 802.11n40 beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4904.000	51.262	42.368	-22.738	74.000	8.894	PK
2		7356.000	50.269	36.172	-23.731	74.000	14.097	PK
3		9808.000	50.586	34.143	-23.414	74.000	16.443	PK

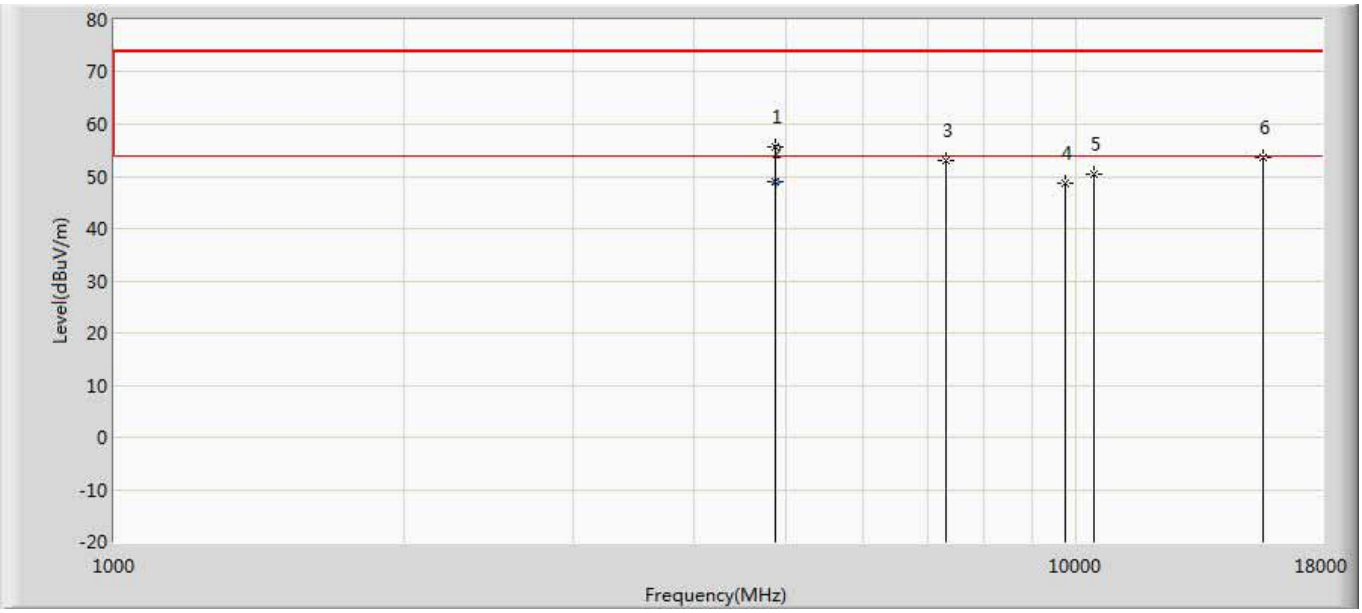
Product Name	:	Xiaomi Router 3 Pro	Power	:	AC 120V/60Hz
Test Mode	:	Transmit Simultaneously (WIFI 2.4G+5G)-worst data	Test Site	:	AC-5
Test Date	:	2017.08.16			

Site: AC5	Time: 2017/08/16 - 11:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode : Transmit at 2437MHz and 5180MHz by 802.11n20	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	4874.000	52.192	43.416	-21.808	74.000	8.603	PK
2		7311.000	50.011	36.525	-23.989	74.000	13.850	PK
3		9748.000	48.121	31.528	-25.879	74.000	16.441	PK
4		10360.000	48.132	34.785	-25.868	74.000	13.347	PK
5		15540.000	50.513	32.036	-23.487	74.000	18.477	PK

Site: AC5	Time: 2017/08/16 - 11:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/50Hz
Note: Mode : Transmit at 2437MHz and 5180MHz by 802.11n20	



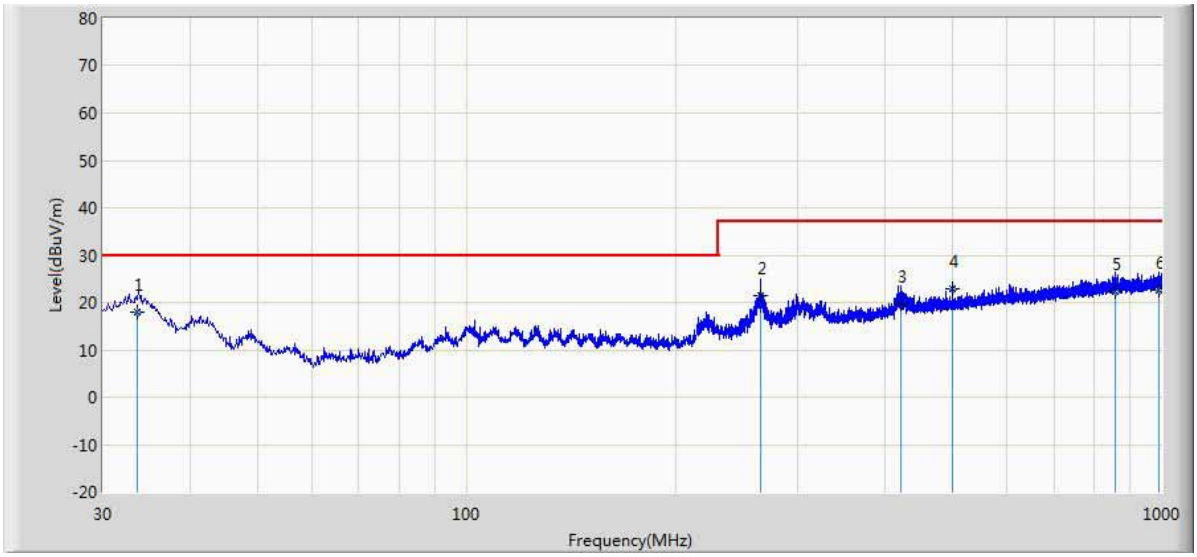
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4874.000	55.743	47.140	-18.257	74.000	8.603	PK
2	*	4874.000	49.039	40.436	-4.961	54.000	8.603	AV
3		7311.000	52.982	39.132	-21.018	74.000	13.850	PK
4		9748.000	48.793	32.352	-25.207	74.000	16.441	PK
5		10440.000	50.369	37.022	-23.631	74.000	13.347	PK
6		15660.000	53.569	35.092	-20.431	74.000	18.477	PK

Note: We have evaluated 2.4G and 5G of WIFI when transmit simultaneously, shown in the report is the worst data.

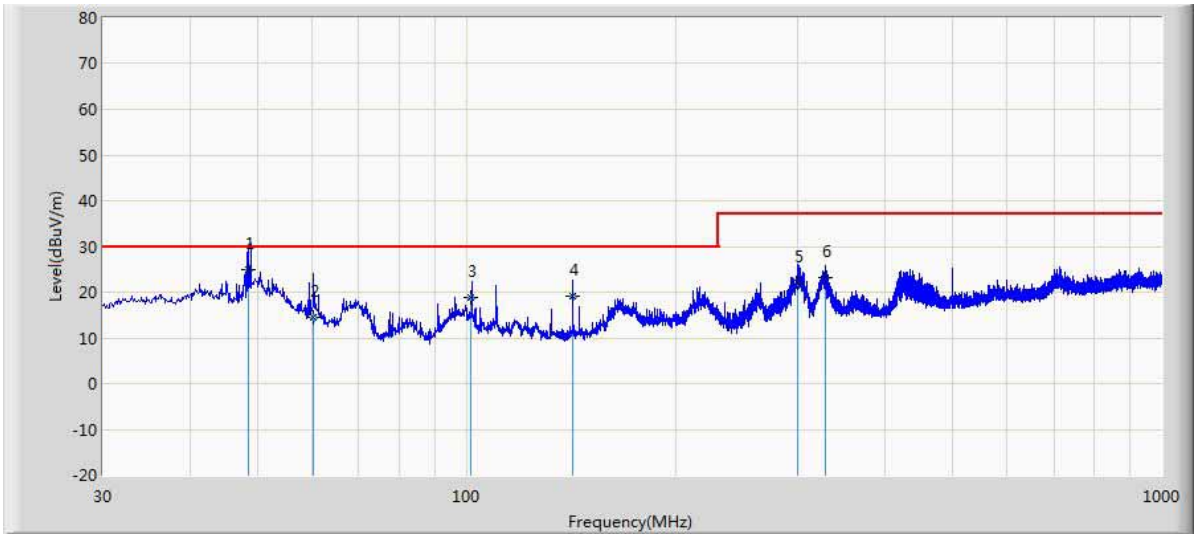
The worst case of Radiated Emission below 1GHz:

Chain	CH	Antenna Polarity	Frequency (MHz)	Reading Level (dB μV)	Factor (dB)	Measure Level (dB μV/m)	Limit (dB μV/m)	Margin (dB)	Detector
Ant 0	1	H	33.688	23.300	-5.265	18.035	30.000	11.965	QP
		H	264.837	28.600	-7.203	21.397	37.000	15.603	QP
		H	421.756	21.100	-1.419	19.681	37.000	17.319	QP
		H	500.036	22.300	0.583	22.883	37.000	14.117	QP
		H	856.311	16.300	6.099	22.399	37.000	14.601	QP
		H	991.618	15.100	7.622	22.722	37.000	14.278	QP
		V	48.611	38.600	-13.549	25.051	30.000	4.949	QP
		V	60.266	31.100	-16.492	14.608	30.000	15.392	QP
		V	101.638	29.700	-10.775	18.925	30.000	11.075	QP
		V	142.386	30.100	-11.05	19.050	30.000	10.950	QP
		V	299.837	28.300	-6.265	22.035	37.000	14.965	QP
		V	327.866	28.300	-5.22	23.080	37.000	13.920	QP

Polarity: Horizontal



Polarity: Vertical



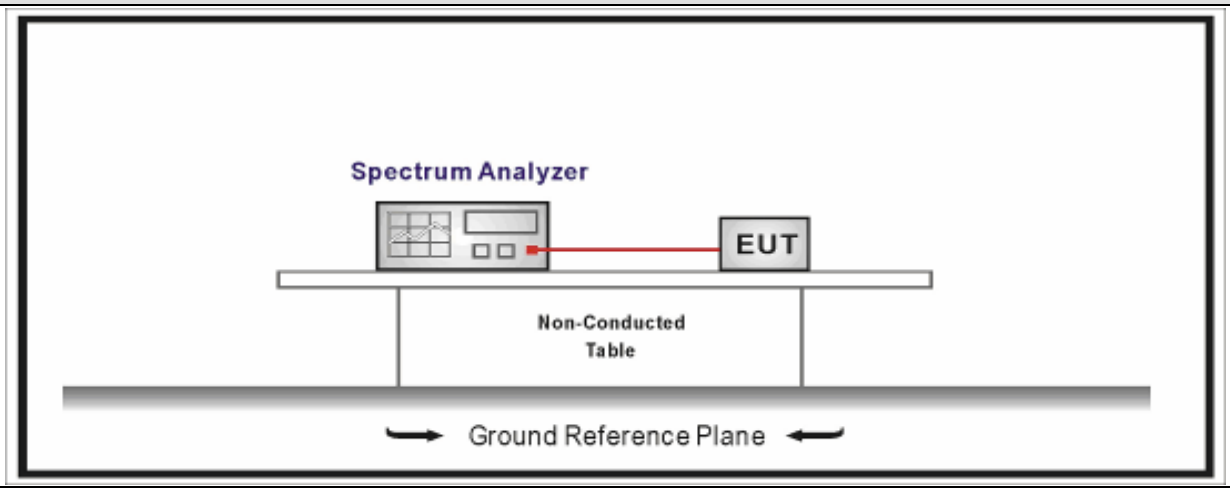
5. Emissions in non-restricted frequency bands

5.1. Test Equipment

Occupied Bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.08
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup

Occupied Bandwidth test setup:



5.3. Limit

Un-Restricted Band Emissions Limit	
RF Output power (Detection methods)	Limit(dB)
RF Output power(Average detector)	30c(Note1)
RF Output power(PK detector)	20c(Note2)

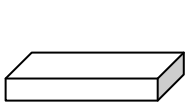
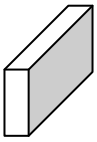
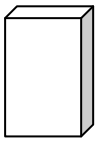
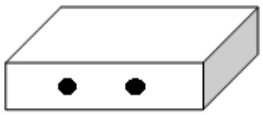
Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

5.4. Test Procedure

Test Method						
	References Rule				Chapter	Description
☒	ANSI C63.10				11.11	Emissions in non-restricted frequency bands
	☒	ANSI C63.10			11.11.2	Reference level measurement
	☒	ANSI C63.10			11.11.3	Emission level measurement
☐	ANSI C63.10				11.12	Emissions in restricted frequency bands
	☐	ANSI C63.10			11.12.1	Radiated emission measurements
	☐	ANSI C63.10			11.12.2.7	Radiated spurious emission test
☐	ANSI C63.10				6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10				6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10				6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
	☒	ANSI C63.10			11.12.2	Antenna-port conducted measurements
		☐	ANSI C63.10		11.12.2.3	Quasi-peak measurement procedure
		☐	ANSI C63.10		11.12.2.4	Peak power measurement procedure
		☒	ANSI C63.10		11.12.2.5	Average power measurement procedures
			☐	ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
			☐	ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
			☐	ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="5">Emissions in non-restricted frequency bands</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="4">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="4">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="5">Mode 1 ~ Mode 10</td></tr>
<tr><td rowspan="14">Test method</td><td>☐</td><td colspan="4">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td colspan="2">Z Axis</td></tr>
<tr><td>  </td><td>  </td><td colspan="2">  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td colspan="2">Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="4">Conducted</td></tr>
<tr><td>☐</td><td colspan="4">Chain 0</td></tr>
<tr><td></td><td colspan="4">  </td></tr>
<tr><td>☐</td><td colspan="2">Chain 0</td><td colspan="2">Chain 1</td></tr>
<tr><td></td><td colspan="4">  </td></tr>
<tr><td>☐</td><td>Chain 0</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="4">  </td></tr>
<tr><td>☒</td><td>Chain 0</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="4">  </td></tr>
</table>

5.6. Test Result

Product Name	:	Xiaomi Router 3 Pro	Power	:	AC 120V/60Hz
Test Mode	:	Mode1~10	Test Site	:	TR8
Test Date	:	2017.06.09			

SISO Mode

Mode	Channel	Test Frequency (MHz)	In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
1	01	2412	2.93	2400.00	-22.051	24.981	>20	Pass
1	11	2462	2.93	2483.50	-54.773	57.703	>20	Pass
2	01	2412	6.74	2400.00	-27.001	33.741	>20	Pass
2	11	2462	6.74	2483.50	-40.686	47.426	>20	Pass
3	01	2412	5.50	2400.00	-29.460	34.96	>20	Pass
3	11	2462	5.50	2483.50	-43.930	49.43	>20	Pass
4	03	2422	-0.24	2400.00	-38.515	38.275	>20	Pass
4	09	2452	-0.24	2483.50	-44.676	44.436	>20	Pass
Note: The worst case of emissions in non-restricted frequency bands as below:								

Mode 1 CH01(2412MHz)

CDD Mode

Mode	Channel	Test Frequency (MHz)	In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
5	01	2412	2.84	2400.00	-24.275	27.115	>20	Pass
5	11	2462	2.84	2483.50	-49.726	52.566	>20	Pass
6	01	2412	-1.56	2400.00	-32.727	31.167	>20	Pass
6	11	2462	-1.56	2483.50	-50.387	48.827	>20	Pass
7	01	2412	-0.76	2400.00	-28.727	27.967	>20	Pass
7	11	2462	-0.76	2483.50	-59.924	59.164	>20	Pass
8	03	2422	1.69	2400.00	-40.423	42.113	>20	Pass
8	09	2452	1.69	2483.50	-54.738	56.428	>20	Pass

Note: The worst case of emissions in non-restricted frequency bands as below:

Mode 5 CH01(2412MHz)

Beamforming Mode:

Mode	Channel	Test Frequency (MHz)	In-Band PSD[a] (dBm/100kHz)	Frequency (MHz)	Out-Band PSD[b] (dBm/100kHz)	[a]-[b] (dB)	Limit (dB)	Result
9	01	2412	1.532	2400.00	-43.609	45.141	>20	Pass
9	11	2462	2.497	2483.50	-50.912	53.409	>20	Pass
10	03	2422	-1.506	2400.00	-47.888	46.382	>20	Pass
10	09	2452	-0.934	2483.50	-53.555	52.621	>20	Pass

Note: The worst case of emissions in non-restricted frequency bands as below:

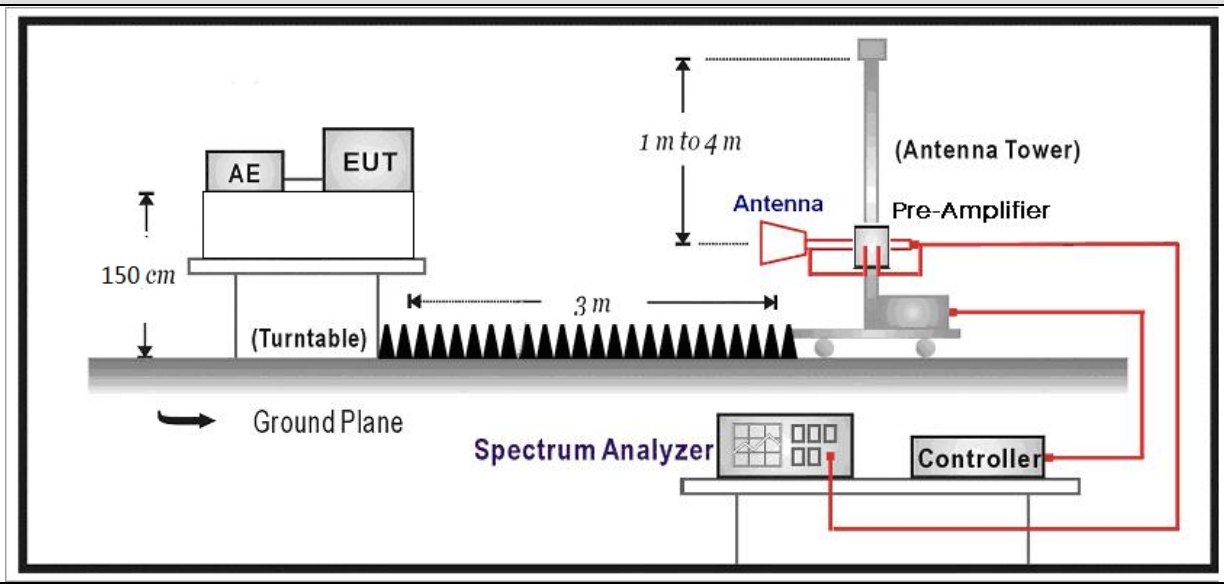
Mode 9 CH01(2412MHz)

6. Radiated Emission Band Edge

6.1. Test Equipment

Radiated Emission(Above 1GHz) / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Receiver	Agilent	N9038A	MY51210196	2016.07.16	2017.07.15
Pre-Amplifier	Miteq	NSP1800-25	1364185	2017.05.03	2018.05.02
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2016.07.12	2017.07.11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2016.09.18	2017.09.17
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.02.28	2018.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.02.28	2018.02.27
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.05	2018.01.04
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

6.2. Test Setup

Above 1GHz Test Setup:


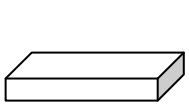
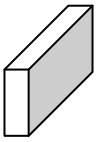
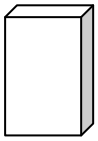
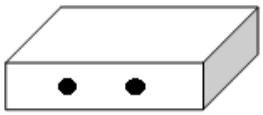
6.3. Limit

Band edge Limit				
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3
Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.				

6.4. Test Procedure

Test Method						
	References Rule				Chapter	Description
☒	ANSI C63.10				6.10	Band-edge testing
	☒	ANSI C63.10			6.10.5	Restricted-band band-edge measurements
	☐	ANSI C63.10			6.10.6	Marker-delta method
☒	ANSI C63.10				11.12	Emissions in restricted frequency bands
	☒	ANSI C63.10			11.12.1	Radiated emission measurements
	☒	ANSI C63.10			11.12.2.7	Radiated spurious emission test
☐	ANSI C63.10				6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10				6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10				6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
		☐	ANSI C63.10		11.12.2.3	Quasi-peak measurement procedure
		☒	ANSI C63.10		11.12.2.4	Peak power measurement procedure
		☒	ANSI C63.10		11.12.2.5	Average power measurement procedures
			☐	ANSI C63.10	11.12.2.5.1	Trace averaging with continuous EUT transmission at full power
			☐	ANSI C63.10	11.12.2.5.2	Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction
			☒	ANSI C63.10	11.12.2.5.3	Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold

6.5. EUT test definition

<table>
<tr><td>Item</td><td colspan="4">Emissions in non-restricted frequency bands</td></tr>
<tr><td rowspan="2">Device Category</td><td>☒</td><td colspan="3">Fixed position use</td></tr>
<tr><td>☐</td><td colspan="3">Mobile position use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1~10</td></tr>
<tr><td rowspan="13">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☒</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

6.6. Duty Cycle

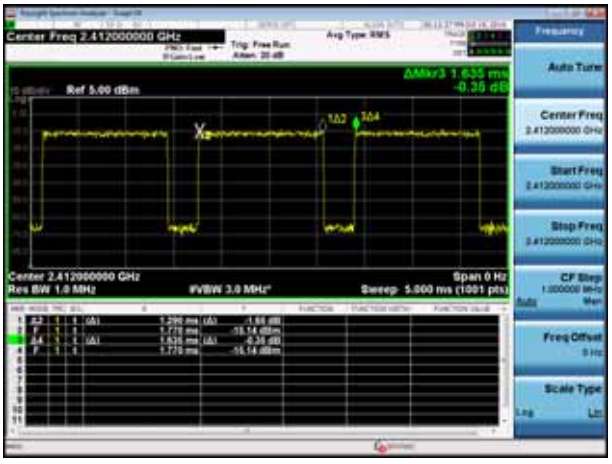
SISO&CDD mode:

Test Mode	Tx On (ms)	Tx Off (ms)	VBW	Tx On + Tx Off (ms)	Duty Cycle
802.11b	8.380	0.400	120Hz	8.780	95.44%
802.11g	1.375	0.345	750Hz	1.720	79.94%
802.11n(20MHz)	1.290	0.345	820Hz	1.635	78.90%
802.11n(40MHz)	0.625	0.360	1.6kHz	0.985	63.45%

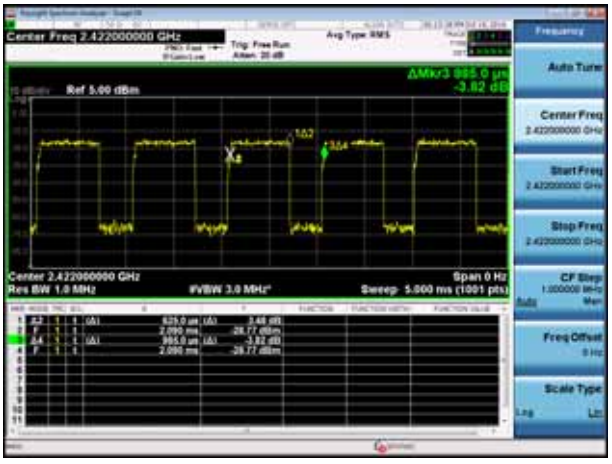
802.11b

802.11g

802.11n(20MHz)



802.11n(40MHz)



Beamforming mode:

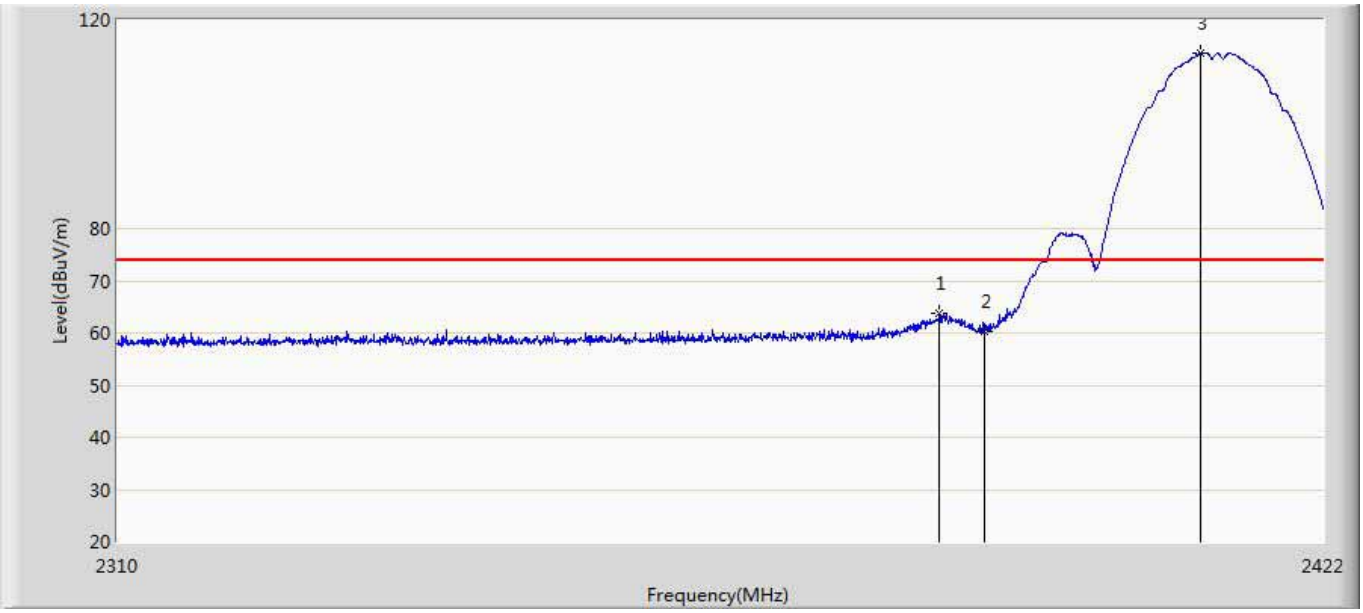
Test Mode	Tx On (ms)	Tx Off (ms)	VBW	Tx On + Tx Off (ms)	Duty Cycle
802.11n(20MHz)	0.360	0.346	3 kHz	0.706	50.99%
802.11n(40MHz)	0.204	0.308	5.1 kHz	0.512	39.84%

802.11n(20MHz)	802.11n(40MHz)
	

6.7. Test Result

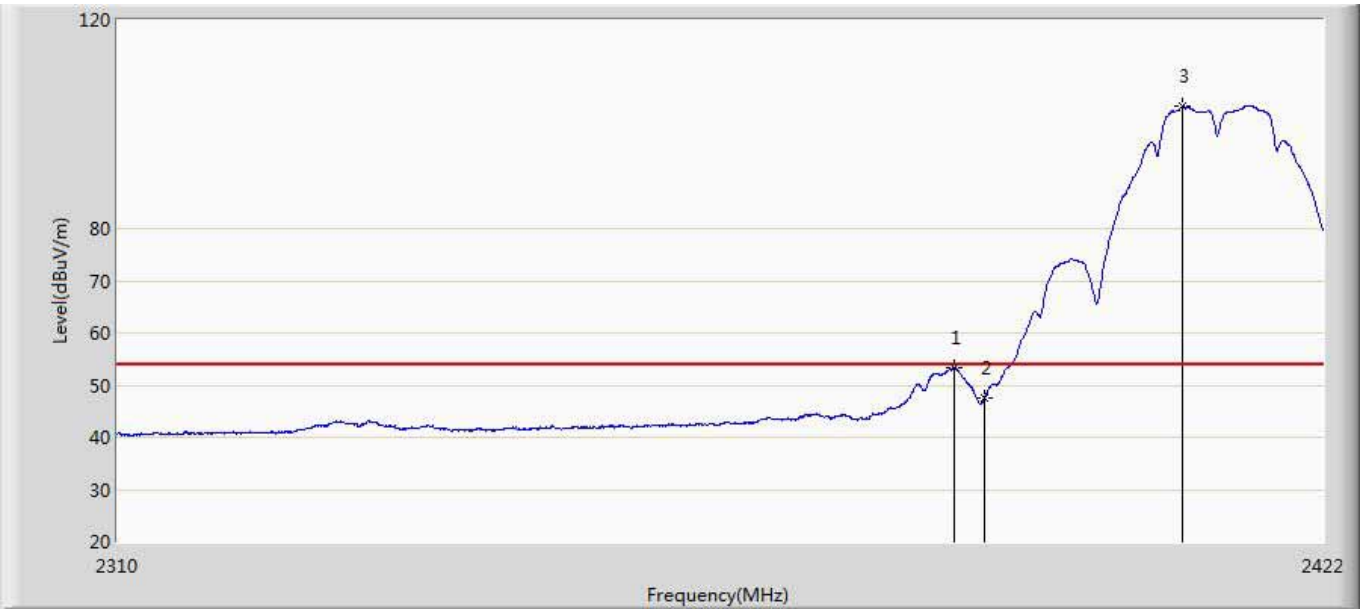
SISO Mode:

Site: AC5	Time: 2017/05/26 - 14:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2412MHz by 11b ant0	



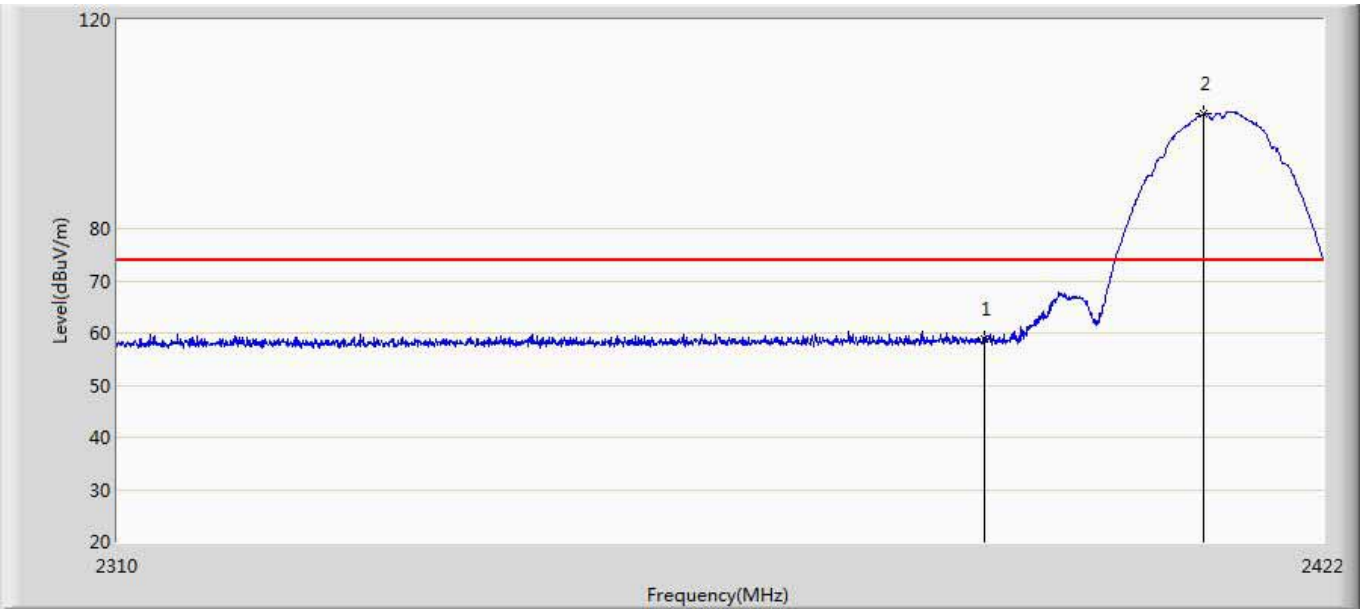
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2385.824	63.848	27.784	-10.152	74.000	36.064	PK
2		2390.000	60.339	24.263	-13.661	74.000	36.076	PK
3	*	2410.408	113.636	77.469	N/A	N/A	36.167	PK

Site: AC5	Time: 2017/05/26 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2412MHz by 11b ant0	



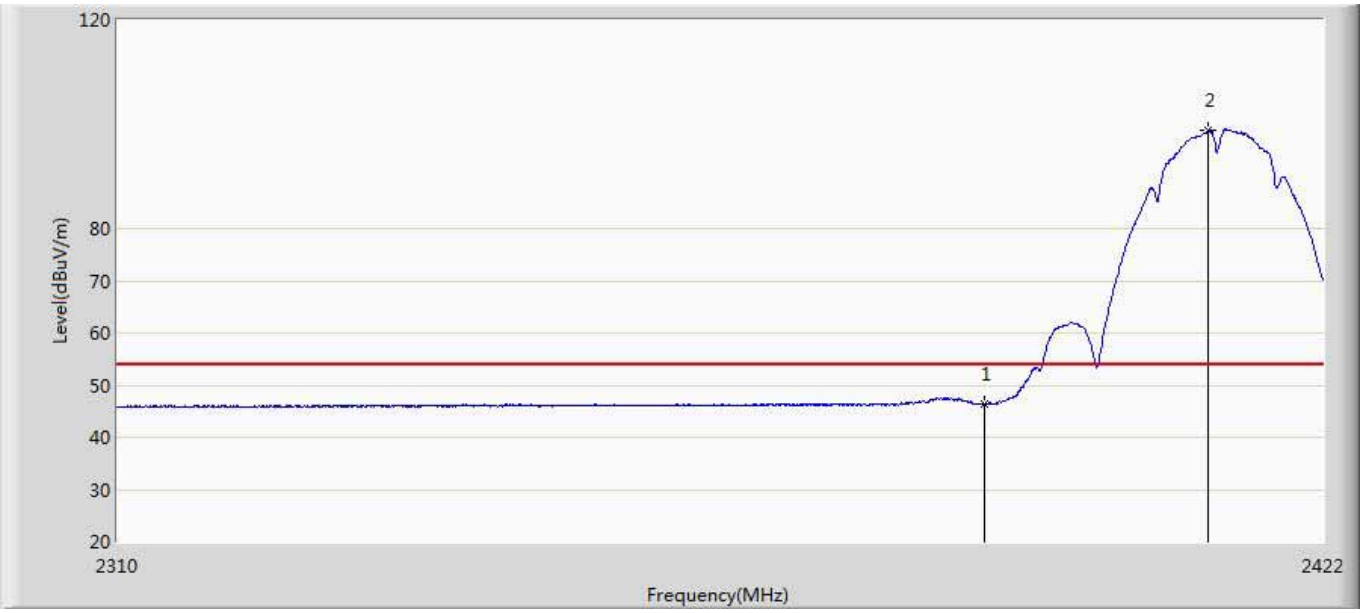
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2387.168	53.411	17.343	-0.589	54.000	36.068	AV
2		2390.000	47.504	11.428	-6.496	54.000	36.076	AV
3	*	2408.616	103.402	67.243	N/A	N/A	36.159	AV

Site: AC5	Time: 2017/05/26 - 14:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2412MHz by 11b ant0	



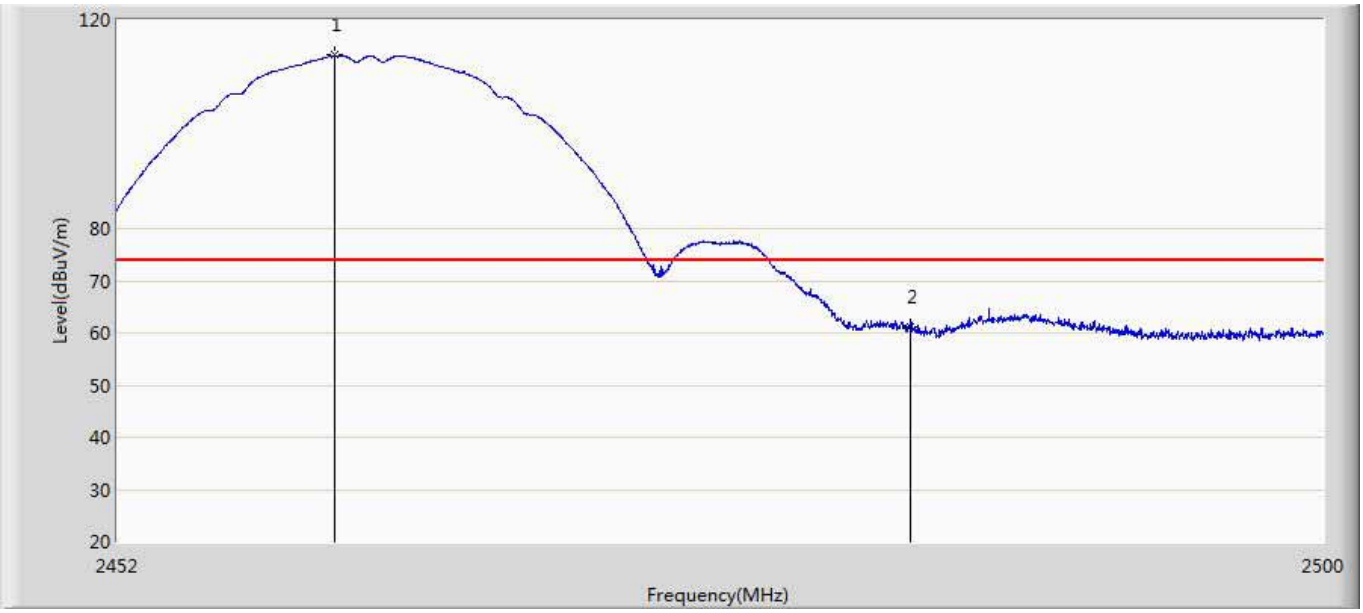
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	58.826	22.750	-15.174	74.000	36.076	PK
2	*	2410.632	101.912	65.744	N/A	N/A	36.168	PK

Site: AC5	Time: 2017/05/26 - 14:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2412MHz by 11b ant0	



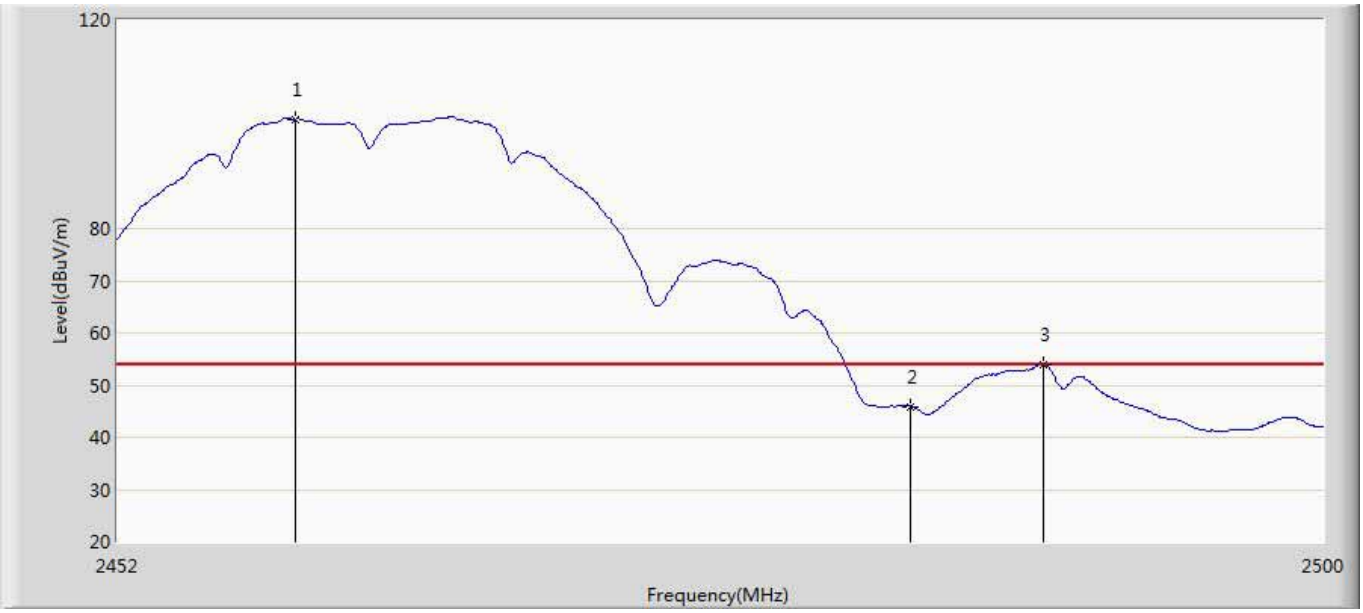
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	46.377	10.301	-7.623	54.000	36.076	AV
2	*	2411.080	98.762	62.592	N/A	N/A	36.170	AV

Site: AC5	Time: 2017/05/26 - 14:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2462MHz by 11b ant0	



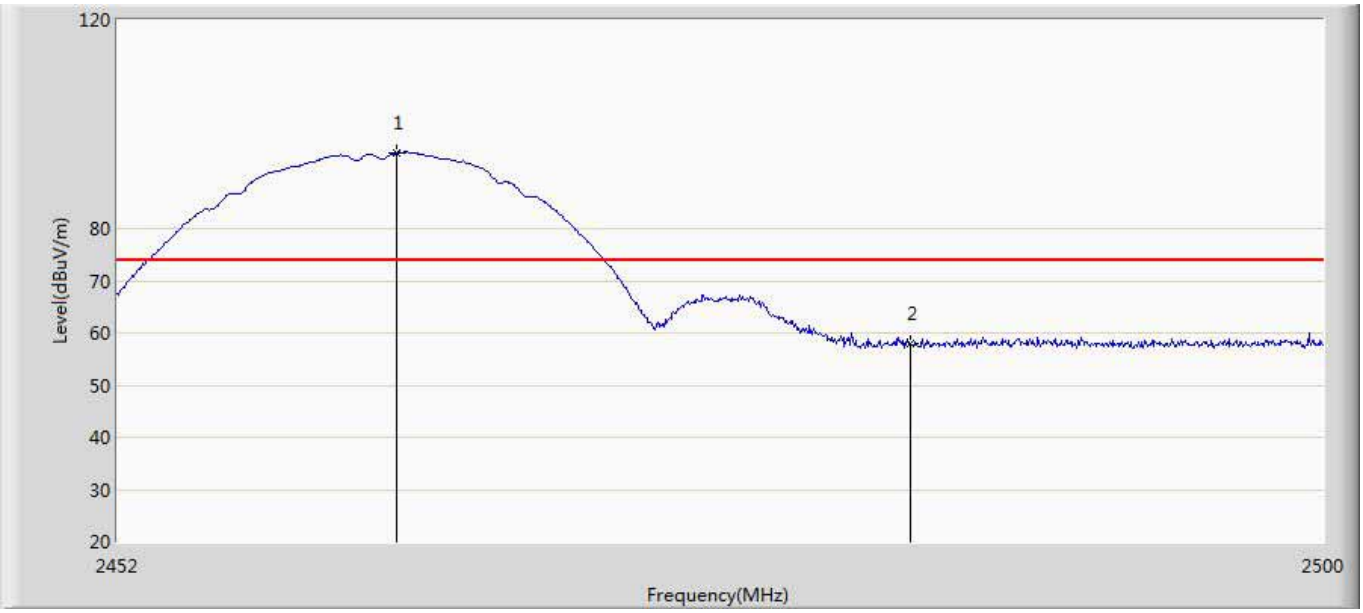
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.616	113.258	76.985	N/A	N/A	36.273	PK
2		2483.500	61.231	24.886	-12.769	74.000	36.345	PK

Site: AC5	Time: 2017/05/26 - 14:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2462MHz by 11b ant0	



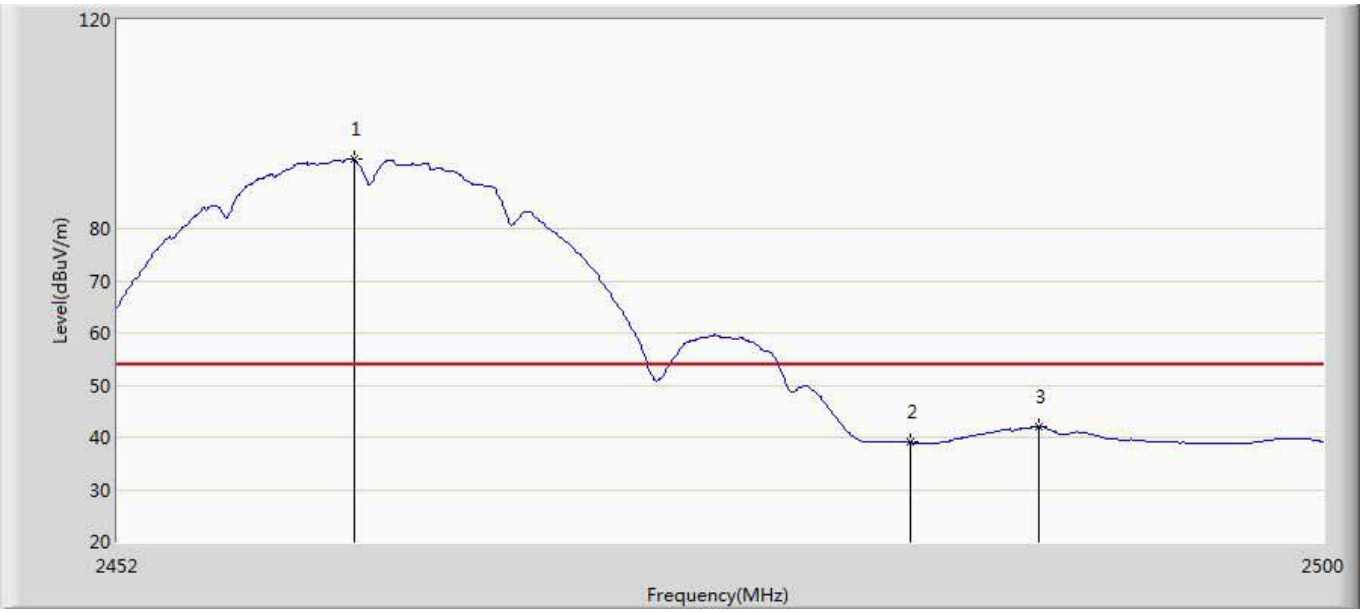
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2459.056	101.007	64.735	N/A	N/A	36.273	AV
2		2483.500	45.940	9.595	-8.060	54.000	36.345	AV
3		2488.768	53.904	17.538	-0.096	54.000	36.366	AV

Site: AC5	Time: 2017/05/26 - 16:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2462MHz by 11b ant0	



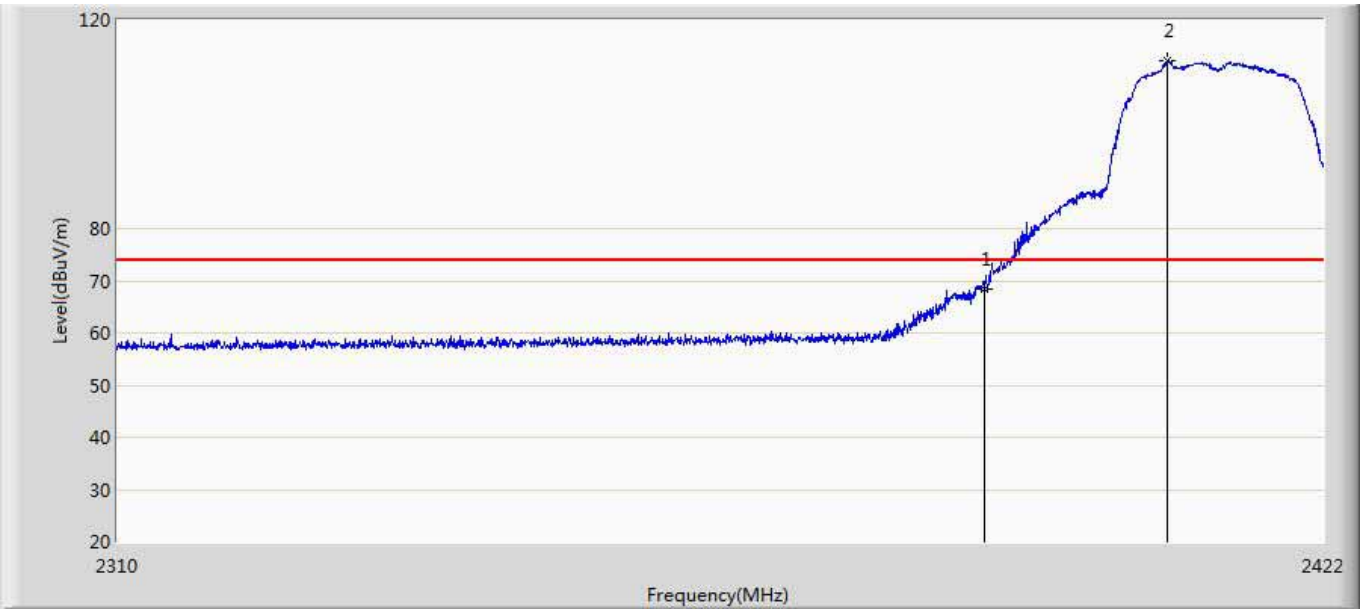
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.040	94.533	58.256	N/A	N/A	36.277	PK
2		2483.500	57.864	21.519	-16.136	74.000	36.345	PK

Site: AC5	Time: 2017/05/26 - 16:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 1:Transmit at CH2462MHz by 11b ant0	



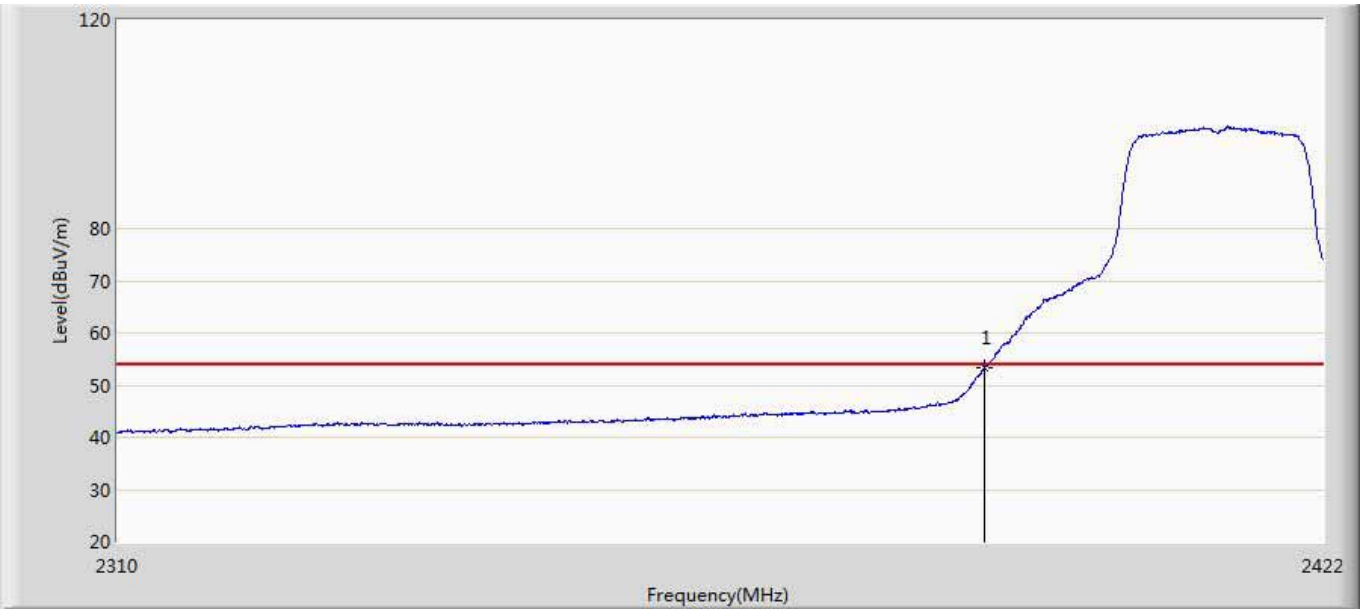
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.360	93.271	56.997	N/A	N/A	36.274	AV
2		2483.500	39.000	2.655	-15.000	54.000	36.345	AV
3		2488.624	42.050	5.685	-11.950	54.000	36.366	AV

Site: AC5	Time: 2017/05/26 - 16:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2412MHz by 11g ant0	



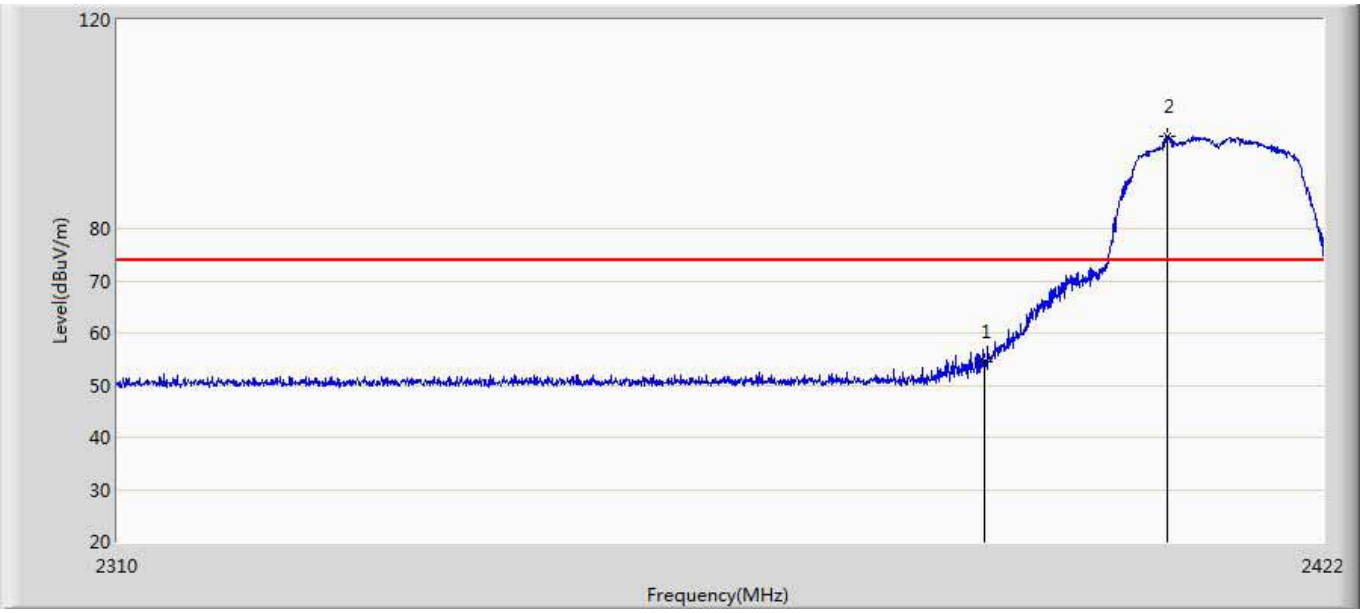
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	68.543	32.467	-5.457	74.000	36.076	PK
2	*	2407.216	112.086	75.934	N/A	N/A	36.152	PK

Site: AC5	Time: 2017/05/26 - 16:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2412MHz by 11g ant0	



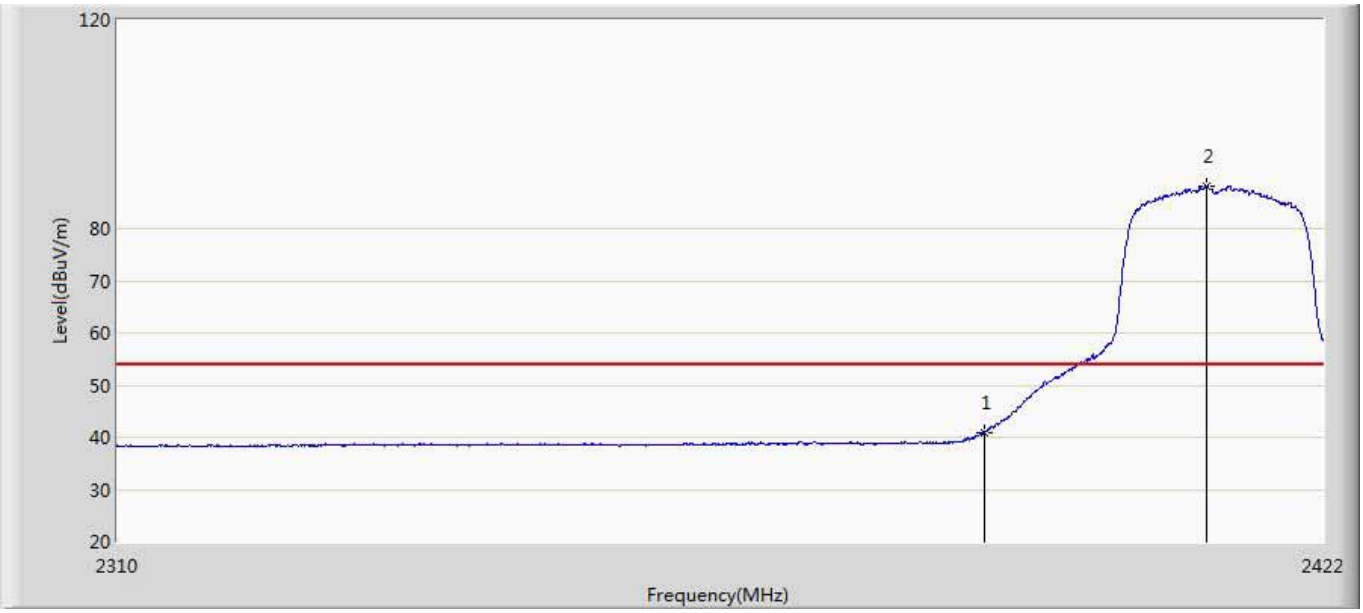
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2390.000	53.436	17.360	-0.564	54.000	36.076	AV

Site: AC5	Time: 2017/05/26 - 16:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2412MHz by 11g ant0	



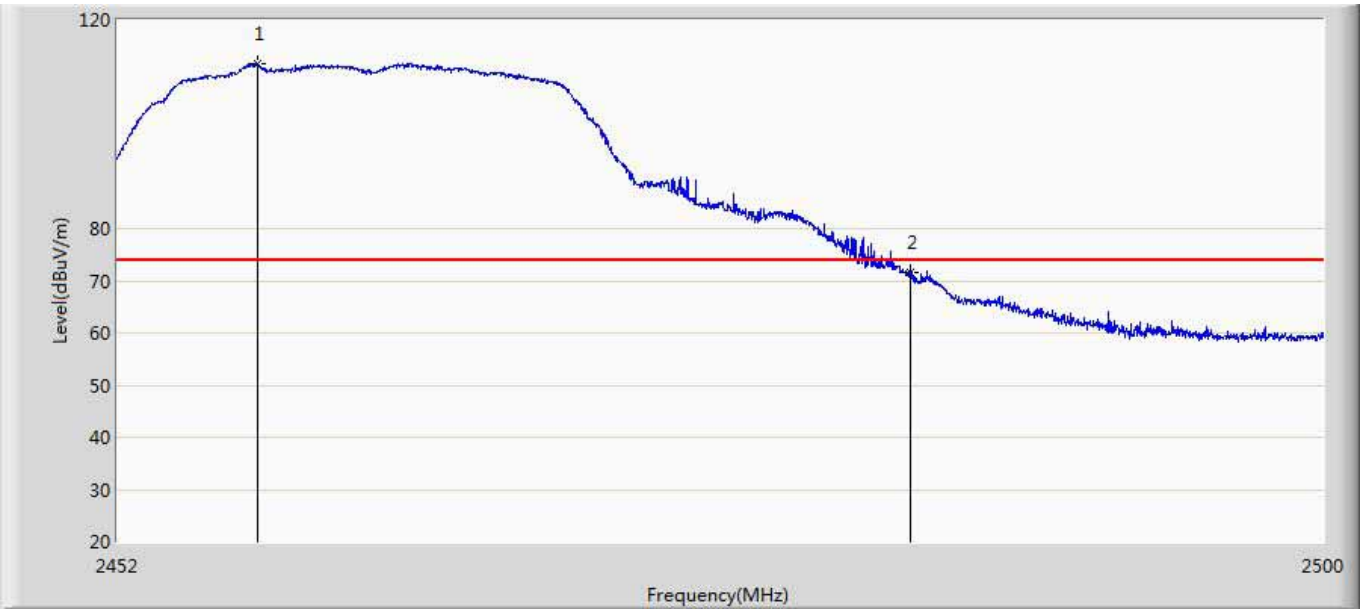
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	54.546	18.470	-19.454	74.000	36.076	PK
2	*	2407.272	97.795	61.643	N/A	N/A	36.152	PK

Site: AC5	Time: 2017/05/26 - 16:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2412MHz by 11g ant0	



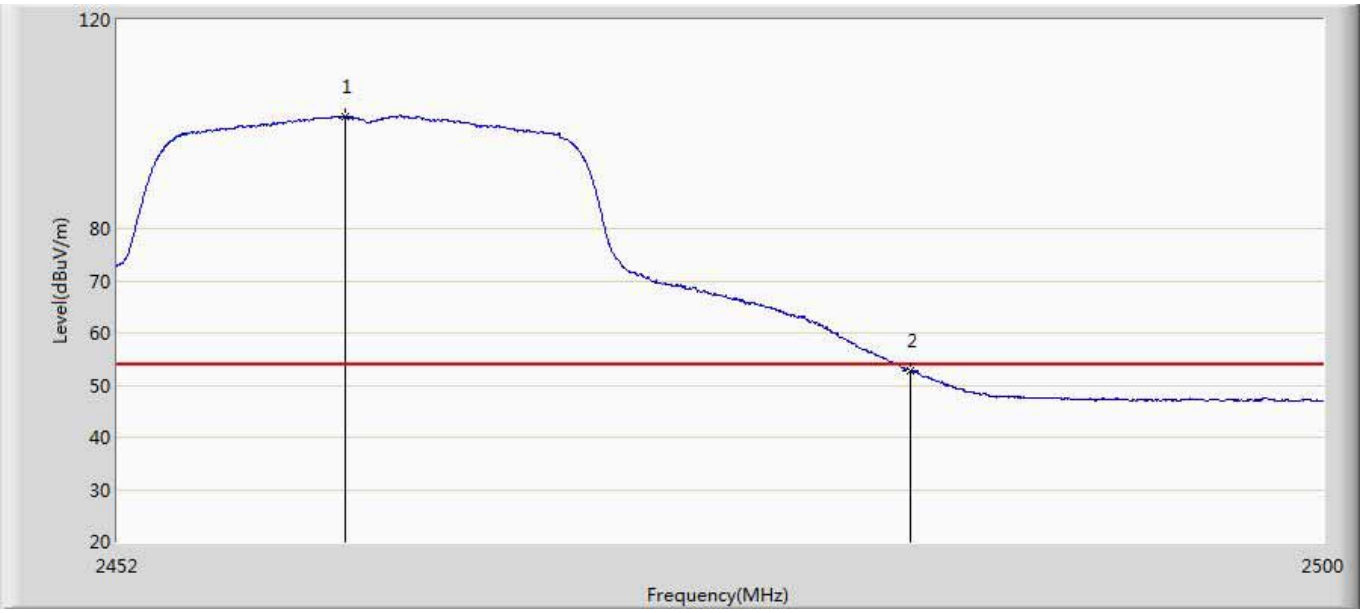
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	40.936	4.860	-13.064	54.000	36.076	AV
2	*	2410.912	88.239	52.069	N/A	N/A	36.170	AV

Site: AC5	Time: 2017/05/26 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2462MHz by 11g ant0	



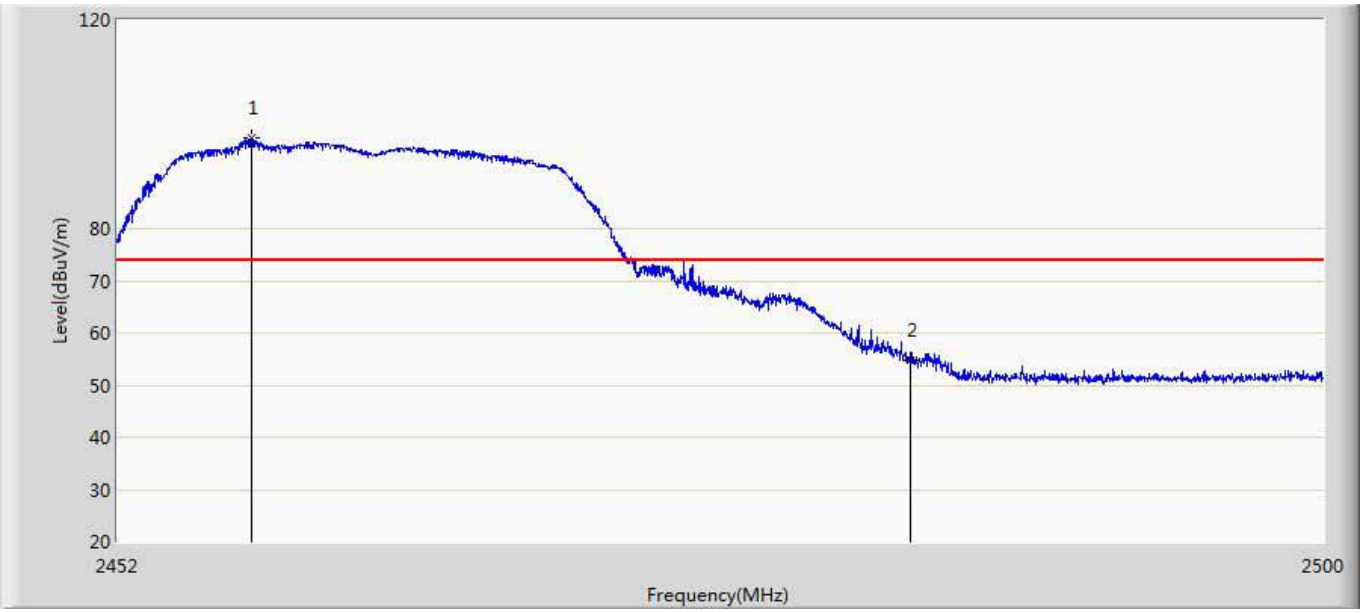
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.520	111.465	75.193	N/A	N/A	36.271	PK
2		2483.500	71.734	35.389	-2.266	74.000	36.345	PK

Site: AC5	Time: 2017/05/26 - 16:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2462MHz by 11g ant0	



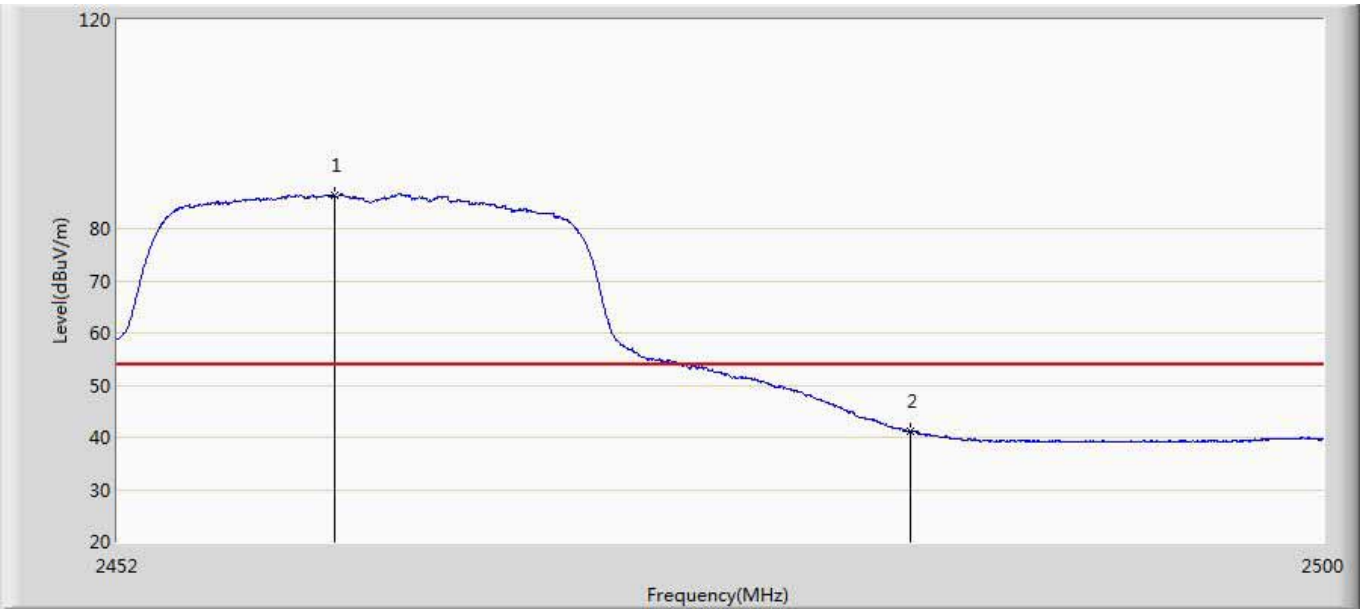
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2461.000	101.522	65.249	N/A	N/A	36.274	AV
2		2483.500	52.841	16.496	-1.159	54.000	36.345	AV

Site: AC5	Time: 2017/05/26 - 16:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2462MHz by 11g ant0	



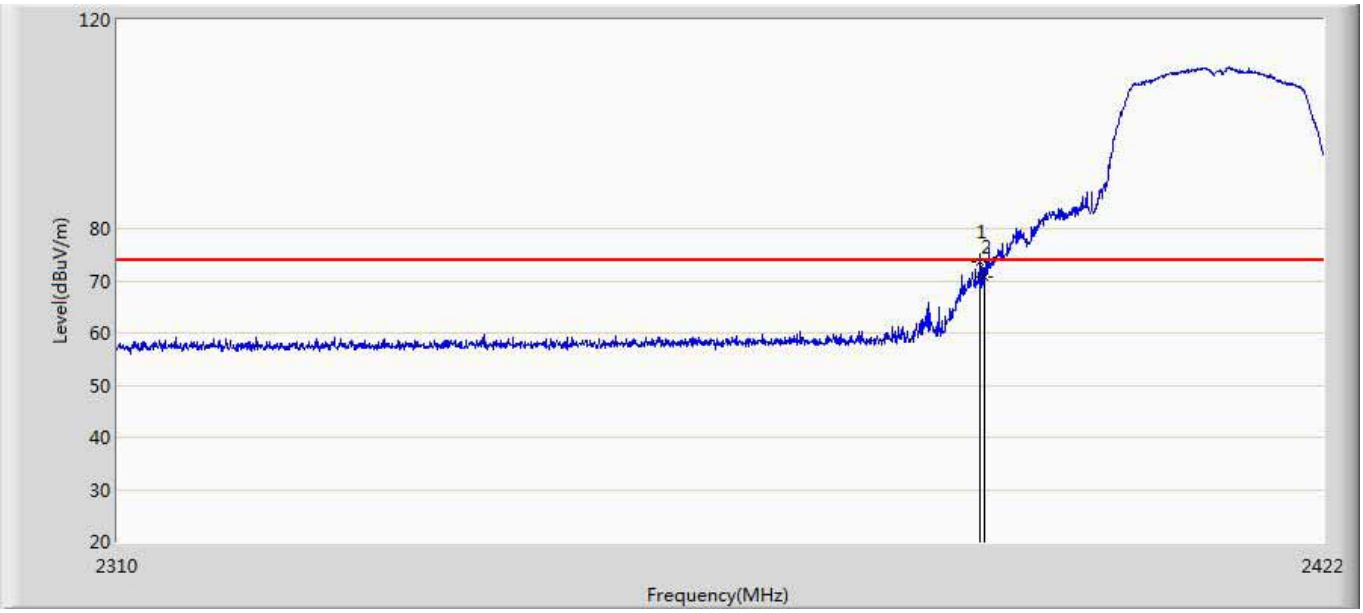
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2457.328	97.265	60.993	N/A	N/A	36.272	PK
2		2483.500	54.780	18.435	-19.220	74.000	36.345	PK

Site: AC5	Time: 2017/05/26 - 16:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 2:Transmit at CH2462MHz by 11g ant0	



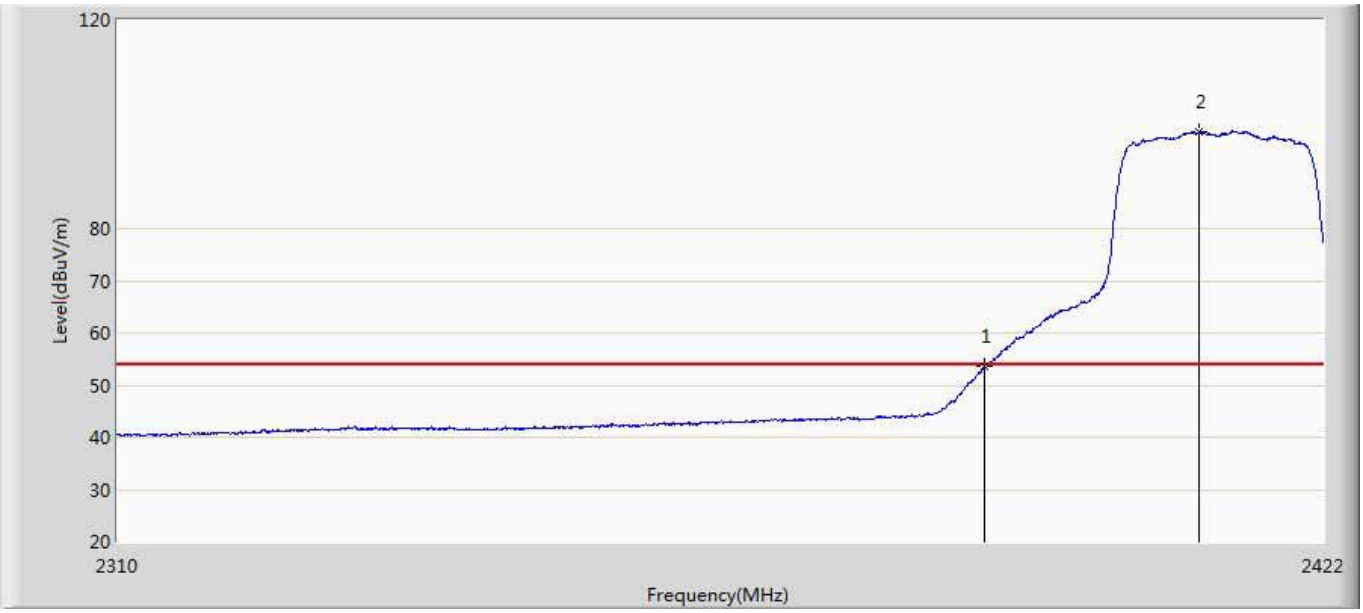
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2460.616	86.453	50.180	N/A	N/A	36.273	AV
2		2483.500	41.244	4.899	-12.756	54.000	36.345	AV

Site: AC5	Time: 2017/05/26 - 16:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2412MHz by 11n20 ant0	



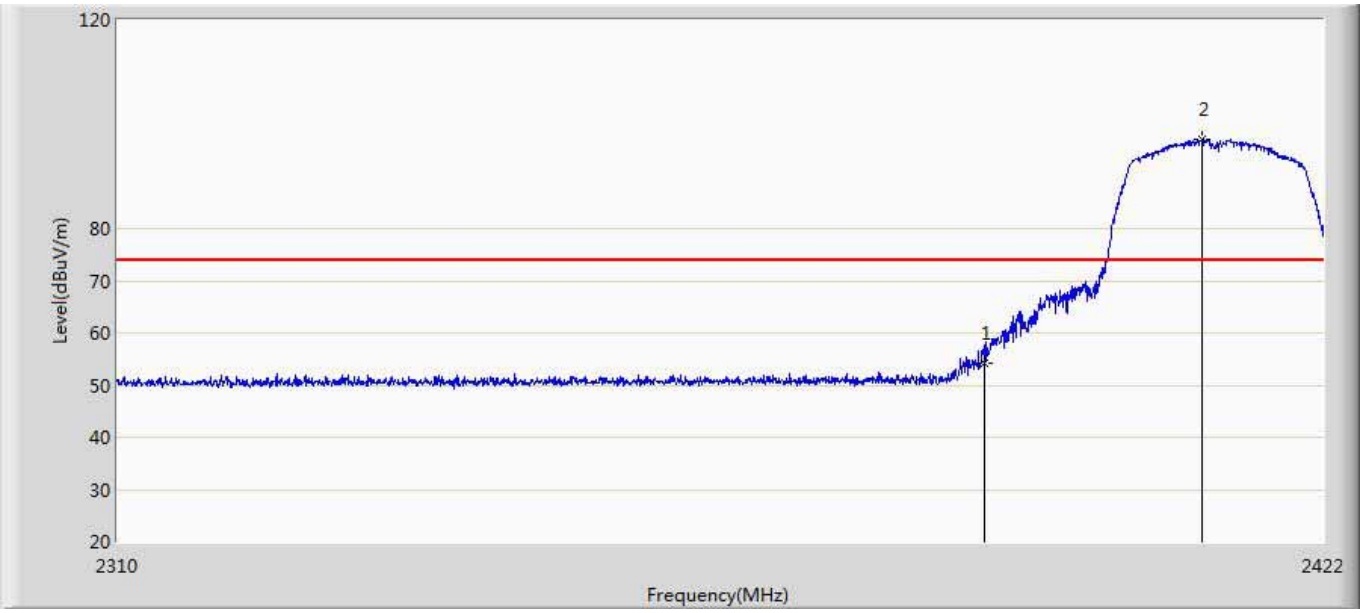
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2389.576	73.685	37.610	-0.315	74.000	36.075	PK
2		2390.000	70.834	34.758	-3.166	74.000	36.076	PK

Site: AC5	Time: 2017/05/26 - 17:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2412MHz by 11n20 ant0	



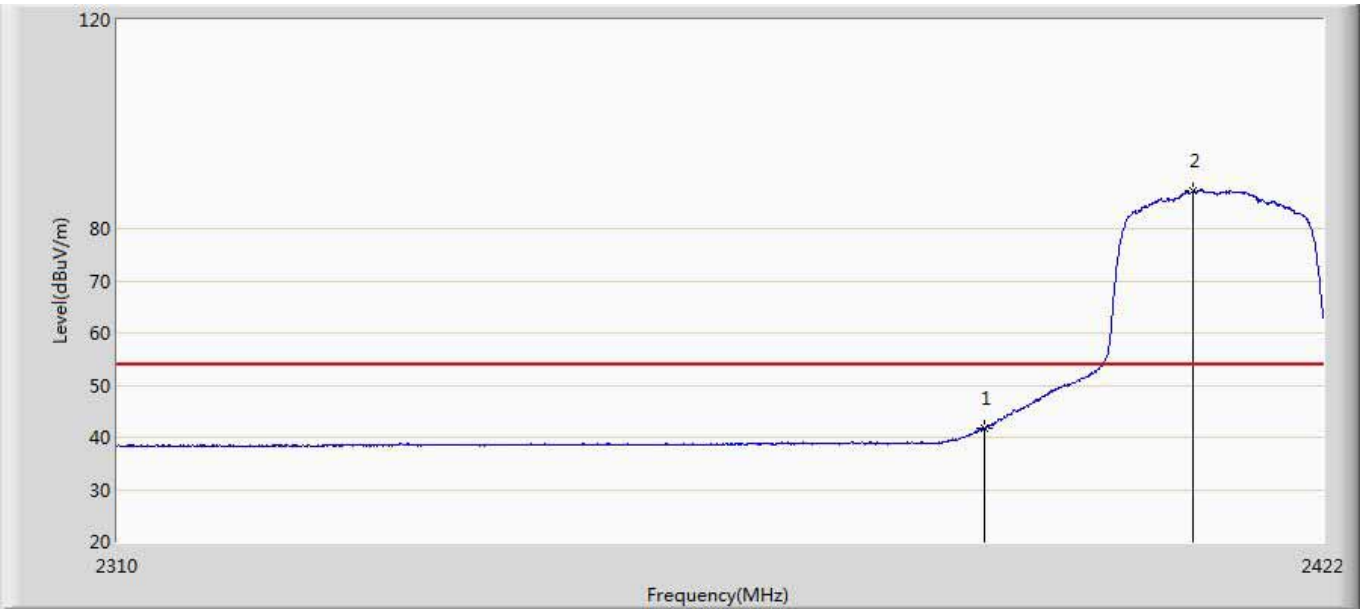
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	53.486	17.410	-0.514	54.000	36.076	AV
2	*	2410.240	98.653	62.487	N/A	N/A	36.166	AV

Site: AC5	Time: 2017/05/26 - 17:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2412MHz by 11n20 ant0	



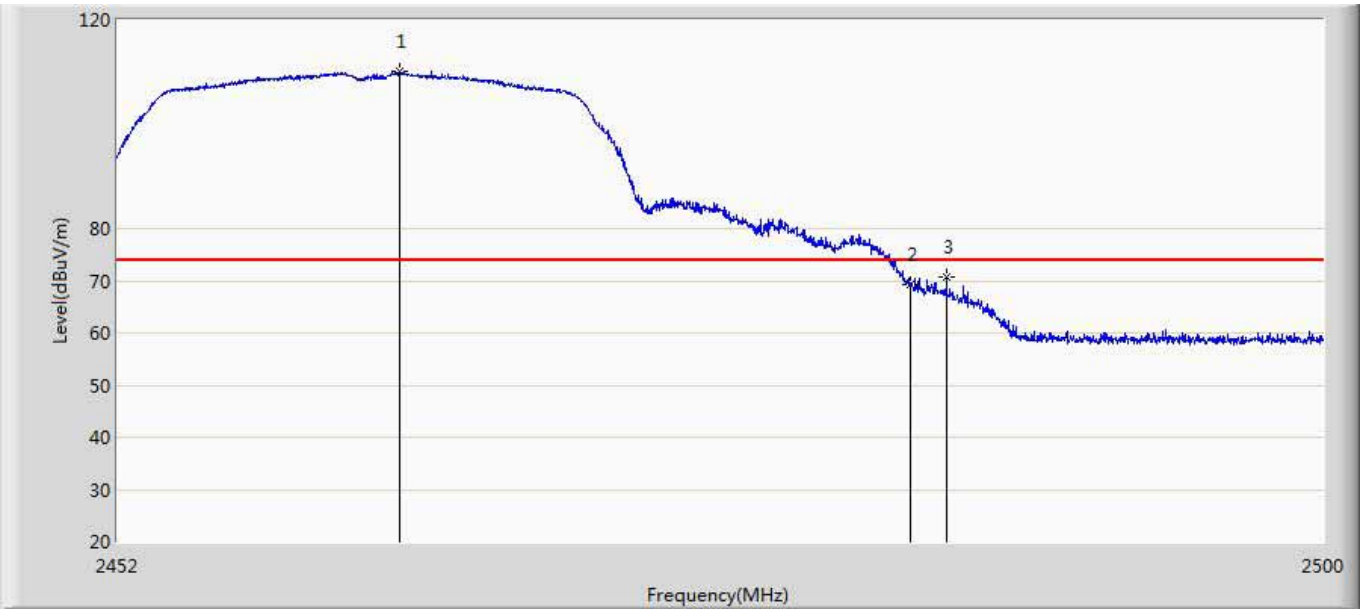
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	54.308	18.232	-19.692	74.000	36.076	PK
2	*	2410.520	97.031	60.863	N/A	N/A	36.168	PK

Site: AC5	Time: 2017/05/26 - 17:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2412MHz by 11n20 ant0	



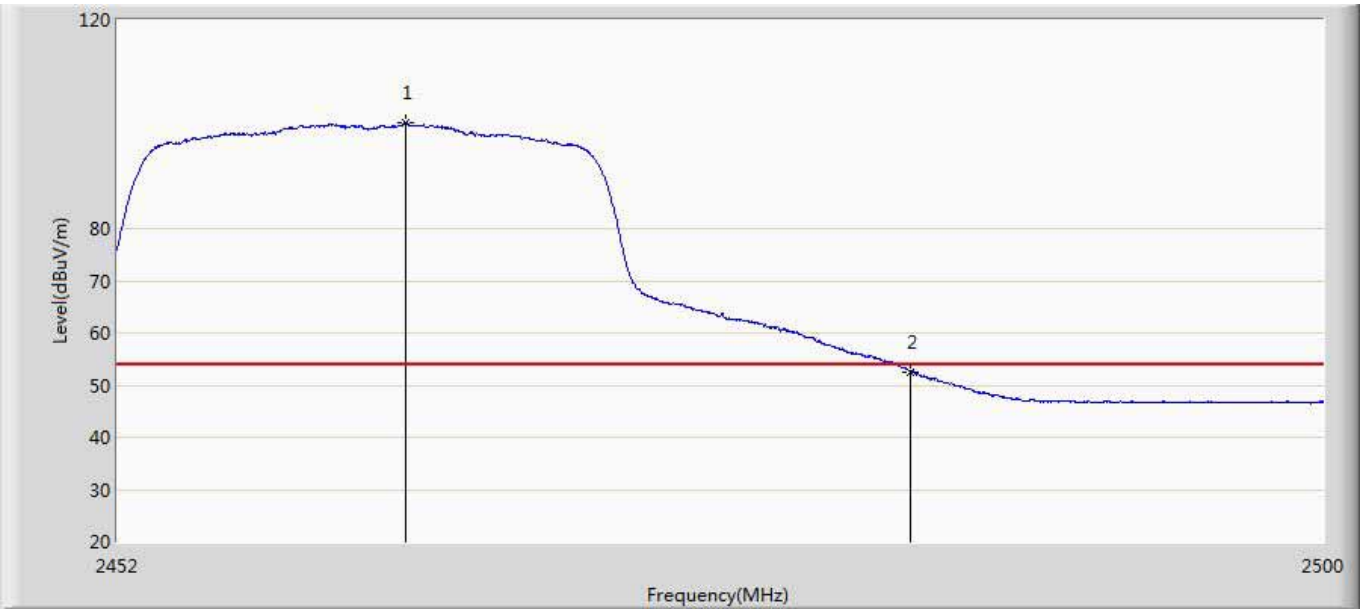
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2390.000	41.680	5.604	-12.320	54.000	36.076	AV
2	*	2409.736	87.302	51.138	N/A	N/A	36.164	AV

Site: AC5	Time: 2017/05/26 - 17:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2462MHz by 11n20 ant0	



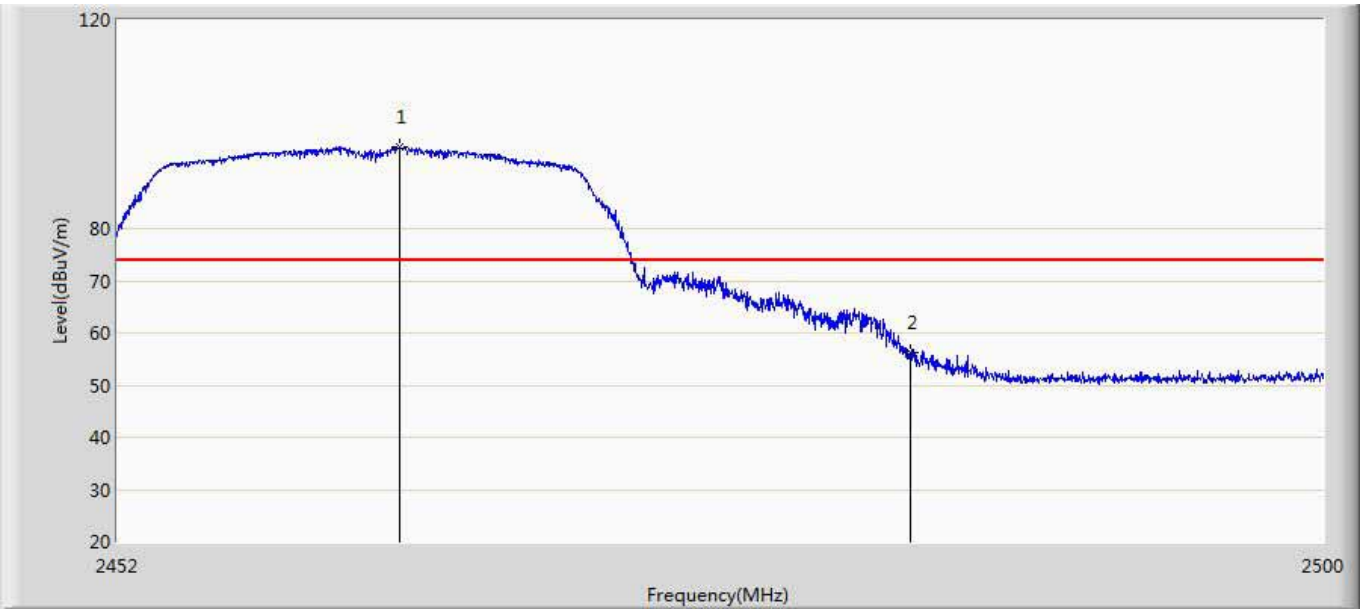
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.160	110.005	73.727	N/A	N/A	36.278	PK
2		2483.500	69.241	32.896	-4.759	74.000	36.345	PK
3		2484.928	70.856	34.505	-3.144	74.000	36.351	PK

Site: AC5	Time: 2017/05/26 - 17:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2462MHz by 11n20 ant0	



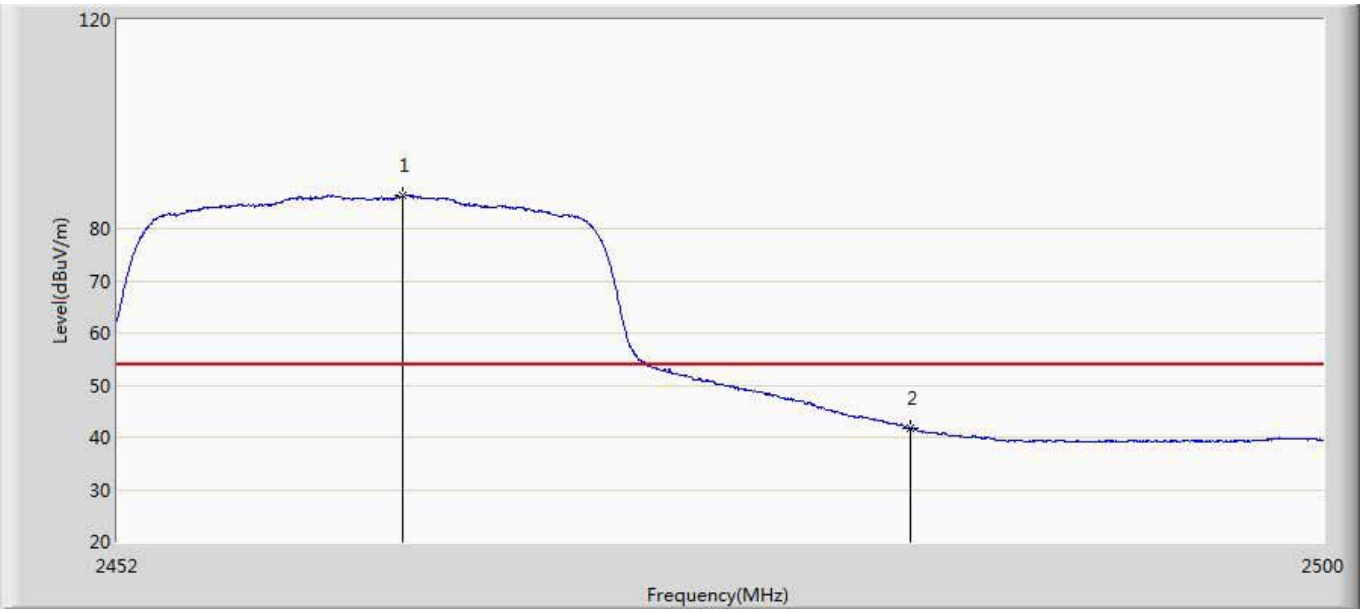
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.376	100.344	64.066	N/A	N/A	36.278	AV
2		2483.500	52.487	16.142	-1.513	54.000	36.345	AV

Site: AC5	Time: 2017/05/26 - 17:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2462MHz by 11n20 ant0	



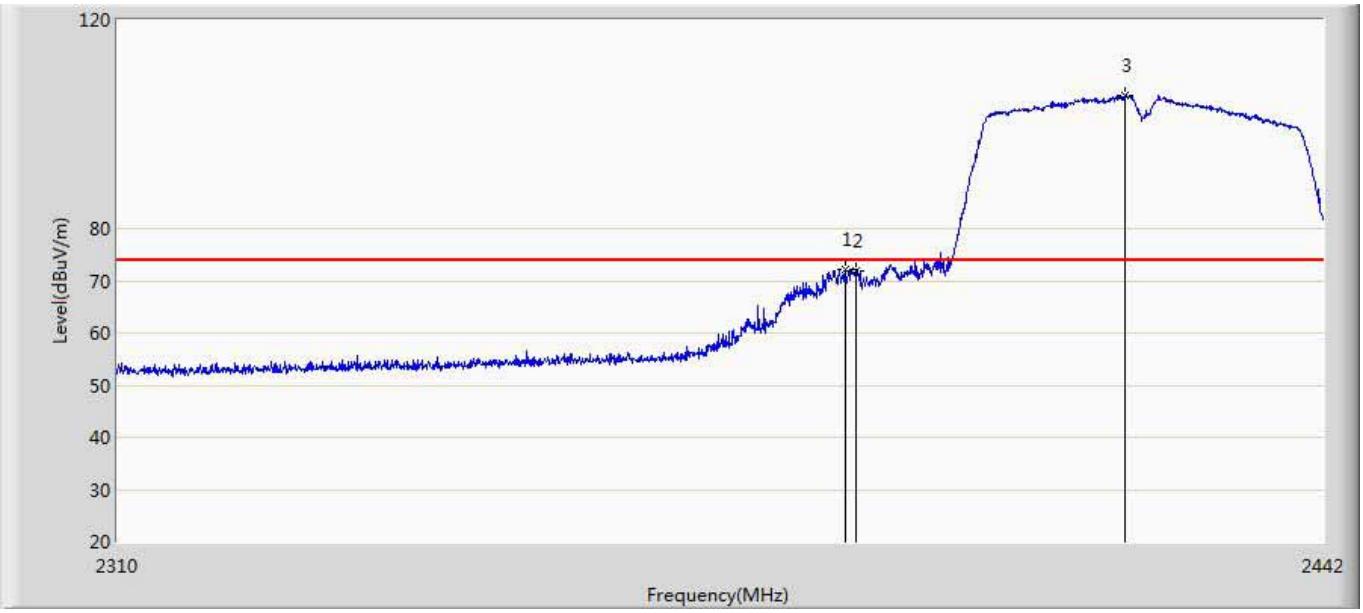
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.184	95.686	59.408	N/A	N/A	36.278	PK
2		2483.500	56.349	20.004	-17.651	74.000	36.345	PK

Site: AC5	Time: 2017/05/26 - 17:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 3:Transmit at CH2462MHz by 11n20 ant0	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	2463.304	86.337	50.059	N/A	N/A	36.278	AV
2		2483.500	41.695	5.350	-12.305	54.000	36.345	AV

Site: AC5	Time: 2017/05/26 - 17:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00165315(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 4:Transmit at CH2422MHz by 11n40 ant0	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		2388.804	72.068	35.995	-1.932	74.000	36.072	PK
2		2390.000	71.947	35.871	-2.053	74.000	36.076	PK
3	*	2419.824	105.390	69.208	N/A	N/A	36.182	PK