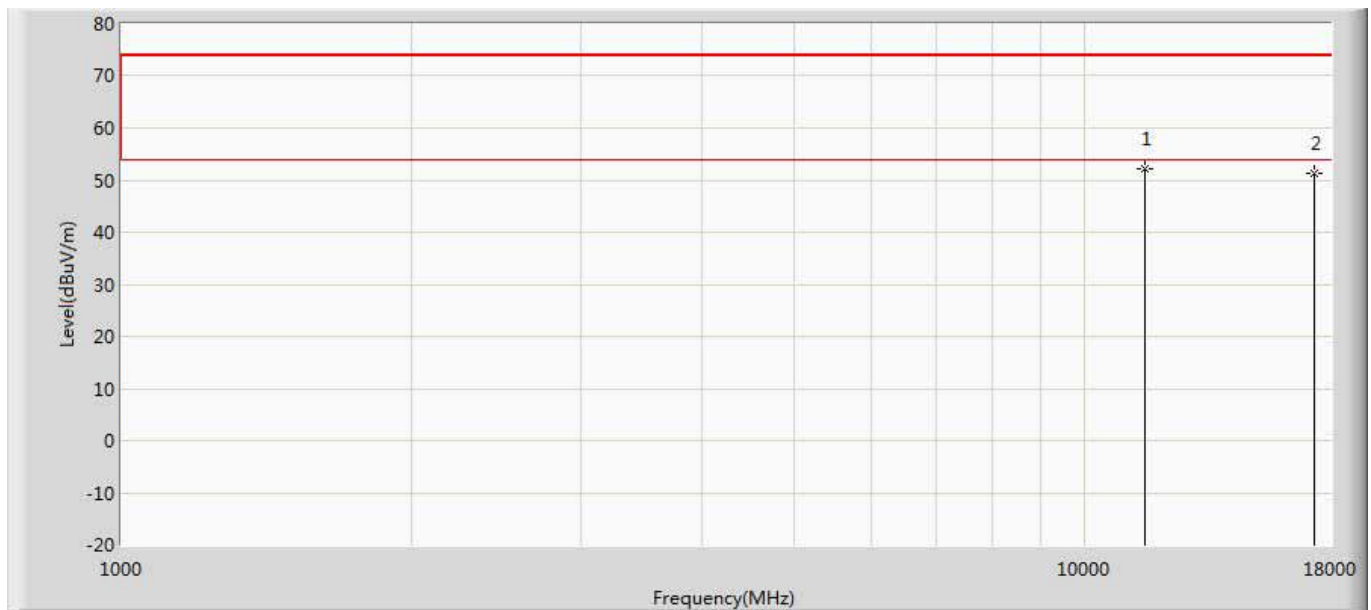
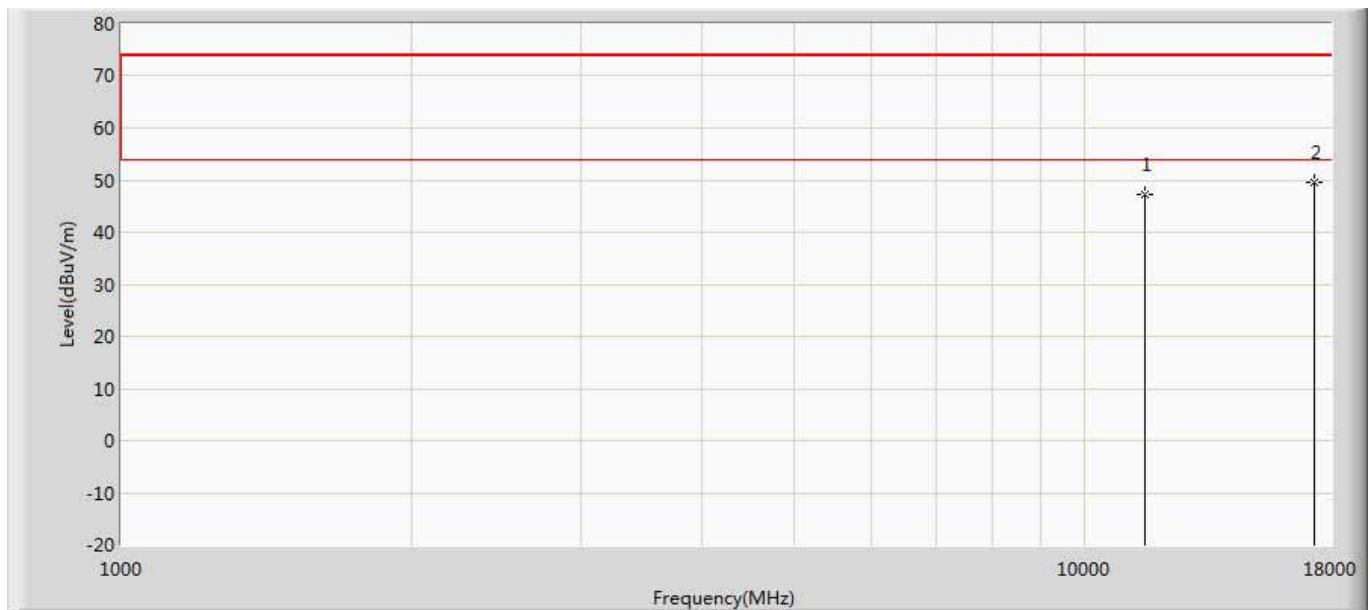


Site:AC5	Time: 2017/06/07 - 16:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5775MHz by 802.11ac80 ANT2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11550.000	52.311	36.241	-21.689	74.000	16.070	PK
2		17325.000	51.361	30.254	-22.639	74.000	21.107	PK

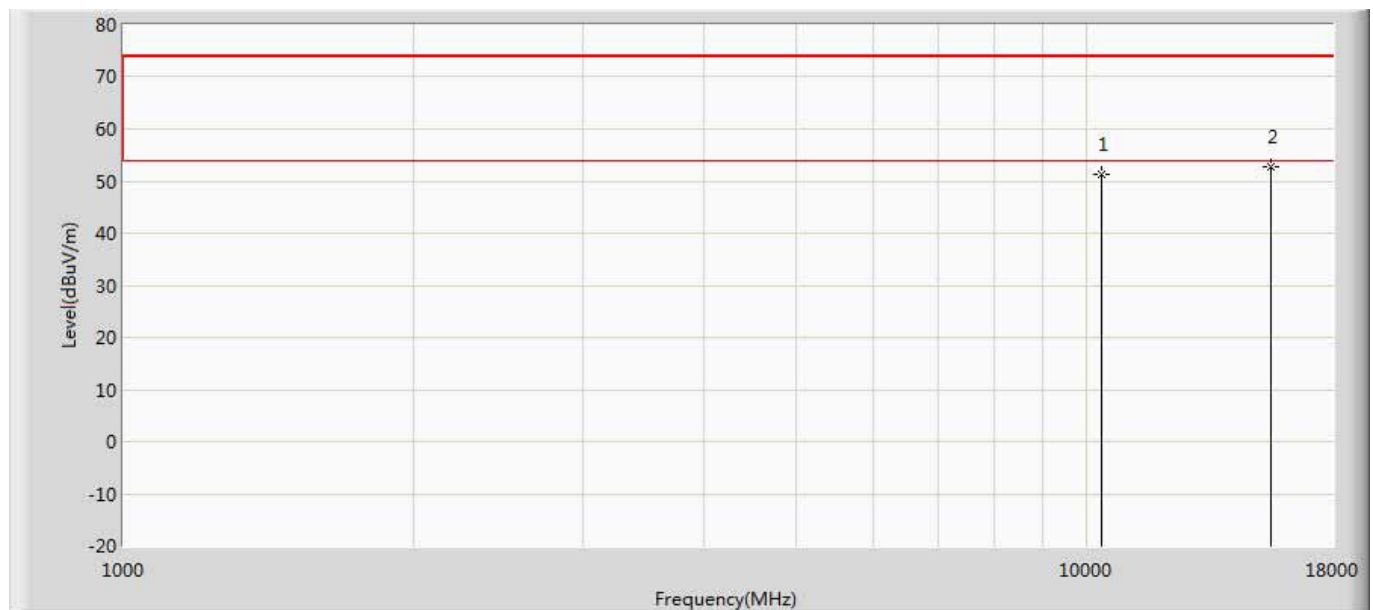
Site:AC5	Time: 2017/06/07 - 16:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5775MHz by 802.11ac80 ANT2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	47.324	31.254	-26.676	74.000	16.070	PK
2	*	17325.000	49.523	28.416	-24.477	74.000	21.107	PK

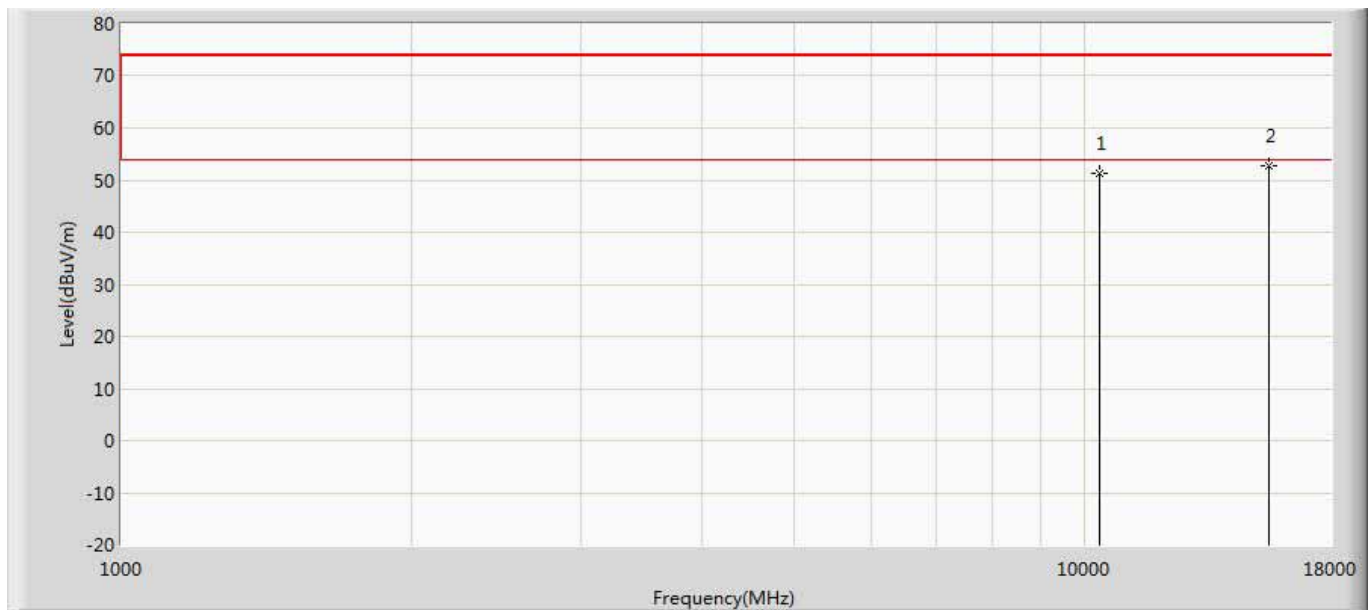
Ant #3

Site:AC5	Time: 2017/06/05 - 15:55
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: Mode 1:Transmit at channel 5180MHz by 802.11aANT3	



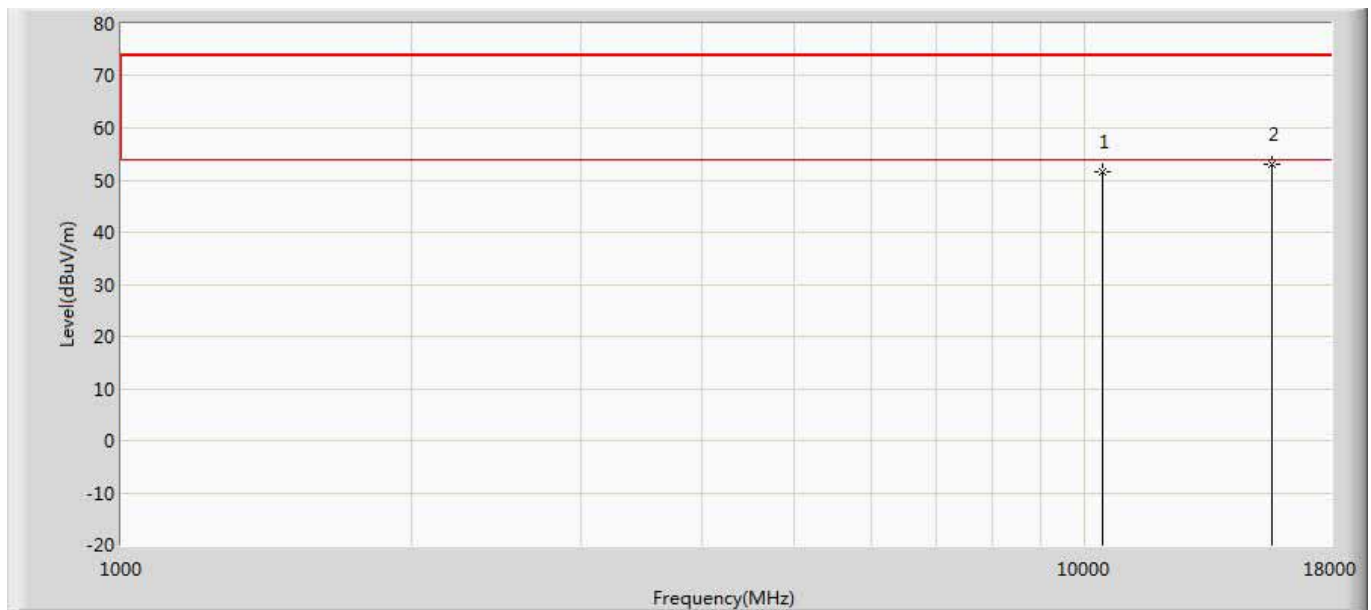
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	51.268	37.921	-22.732	74.000	13.347	PK
2	*	15540.000	52.698	34.220	-21.302	74.000	18.477	PK

Site:AC5	Time: 2017/06/05 - 16:20
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: Mode 1:Transmit at channel 5180MHz by 802.11aANT3	



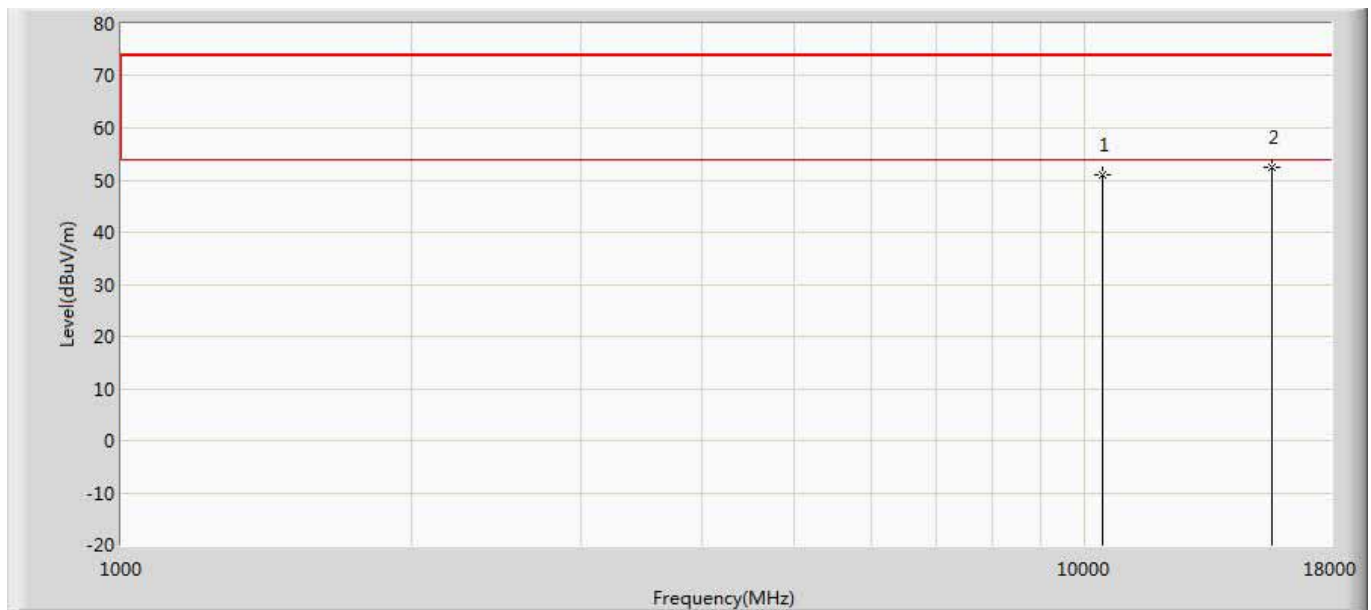
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	51.256	37.909	-22.744	74.000	13.347	PK
2	*	15540.000	52.698	34.220	-21.302	74.000	18.477	PK

Site:AC5	Time: 2017/06/05 - 16:21
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: Mode 1:Transmit at channel 5220MHz by 802.11aANT3	



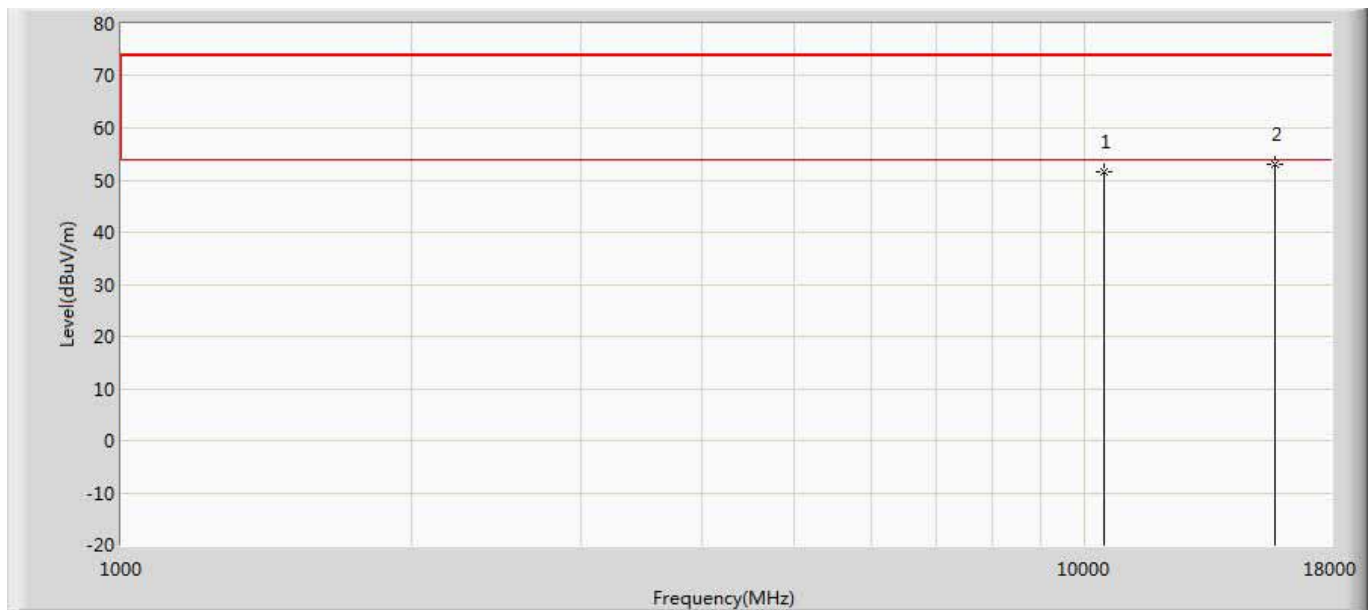
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	51.682	37.901	-22.318	74.000	13.781	PK
2	*	15660.000	52.961	34.383	-21.039	74.000	18.578	PK

Site:AC5	Time: 2017/06/05 - 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: Mode 1:Transmit at channel 5220MHz by 802.11aANT3	



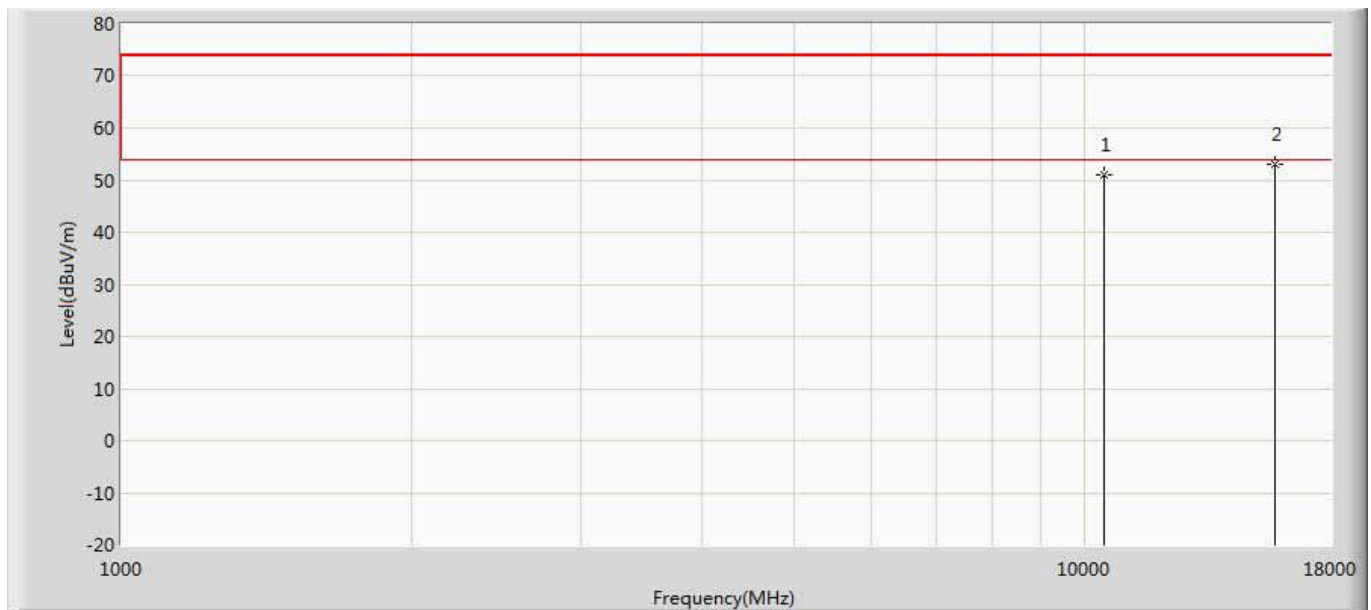
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	51.023	37.242	-22.977	74.000	13.781	PK
2	*	15660.000	52.369	33.791	-21.631	74.000	18.578	PK

Site:AC5	Time: 2017/06/05 - 16:23
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: Mode 1:Transmit at channel 5240MHz by 802.11aANT3	



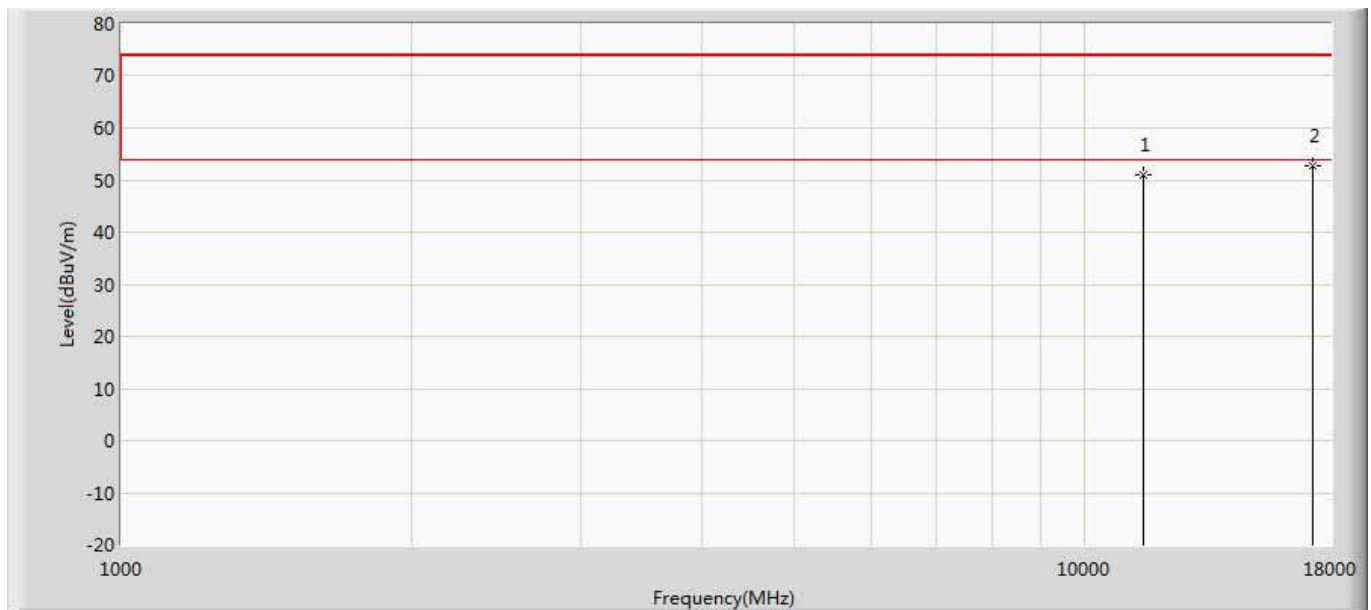
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.692	38.139	-22.308	74.000	13.552	PK
2	*	15720.000	52.899	32.625	-21.101	74.000	20.274	PK

Site:AC5	Time: 2017/06/05 - 16:25
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 1:Transmit at channel 5240MHz by 802.11aANT3	



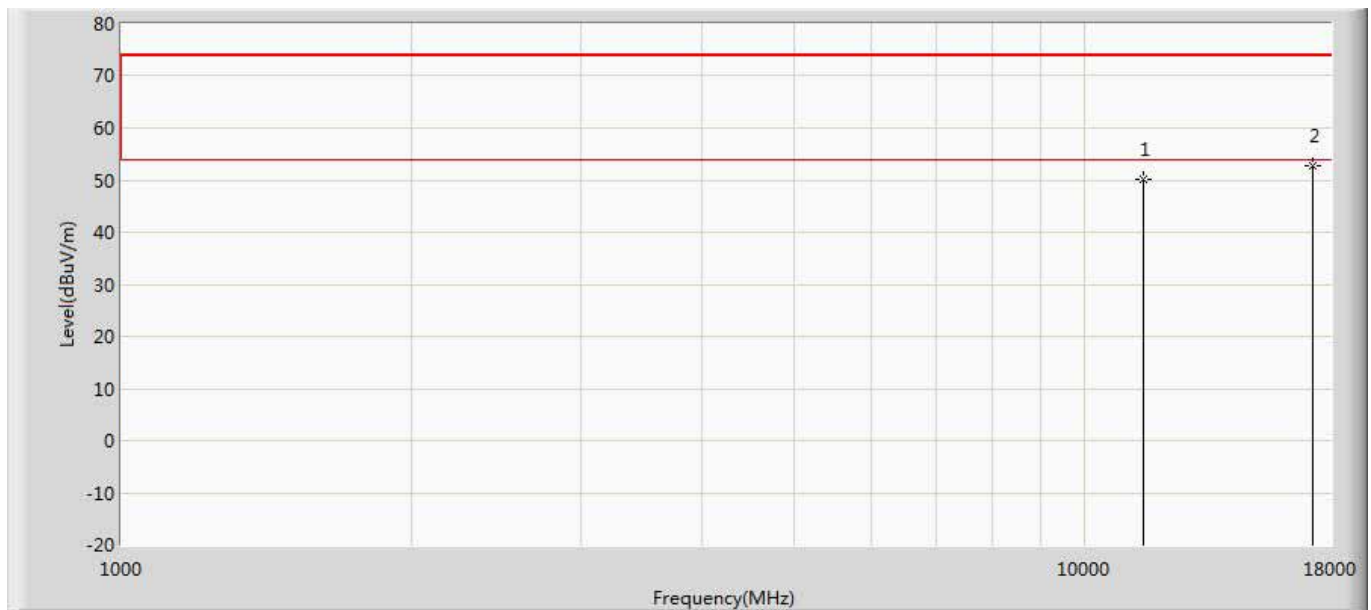
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.022	37.469	-22.978	74.000	13.552	PK
2	*	15720.000	53.012	32.738	-20.988	74.000	20.274	PK

Site:AC5	Time: 2017/06/05 - 17:19
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: Mode 1:Transmit at channel 5745MHz by 802.11aANT3	



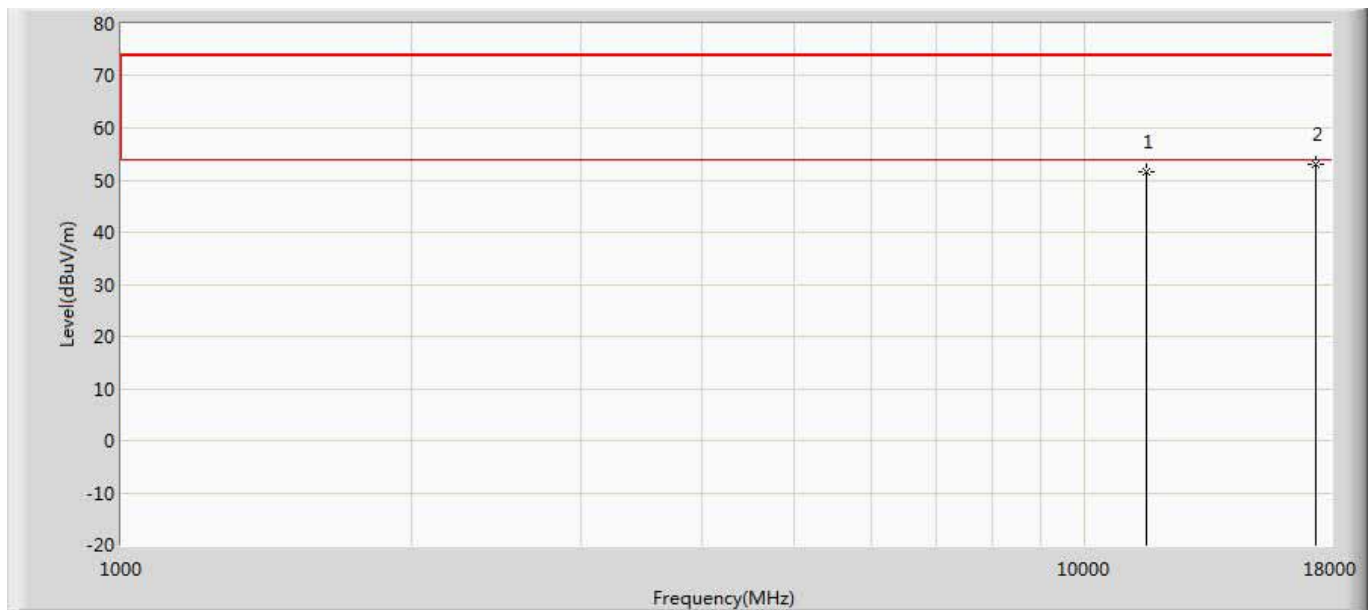
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.023	35.939	-22.977	74.000	15.084	PK
2	*	17235.000	52.651	33.172	-21.349	74.000	19.479	PK

Site:AC5	Time: 2017/06/08 - 13:22
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: Mode 1:Transmit at channel 5745MHz by 802.11aANT3	



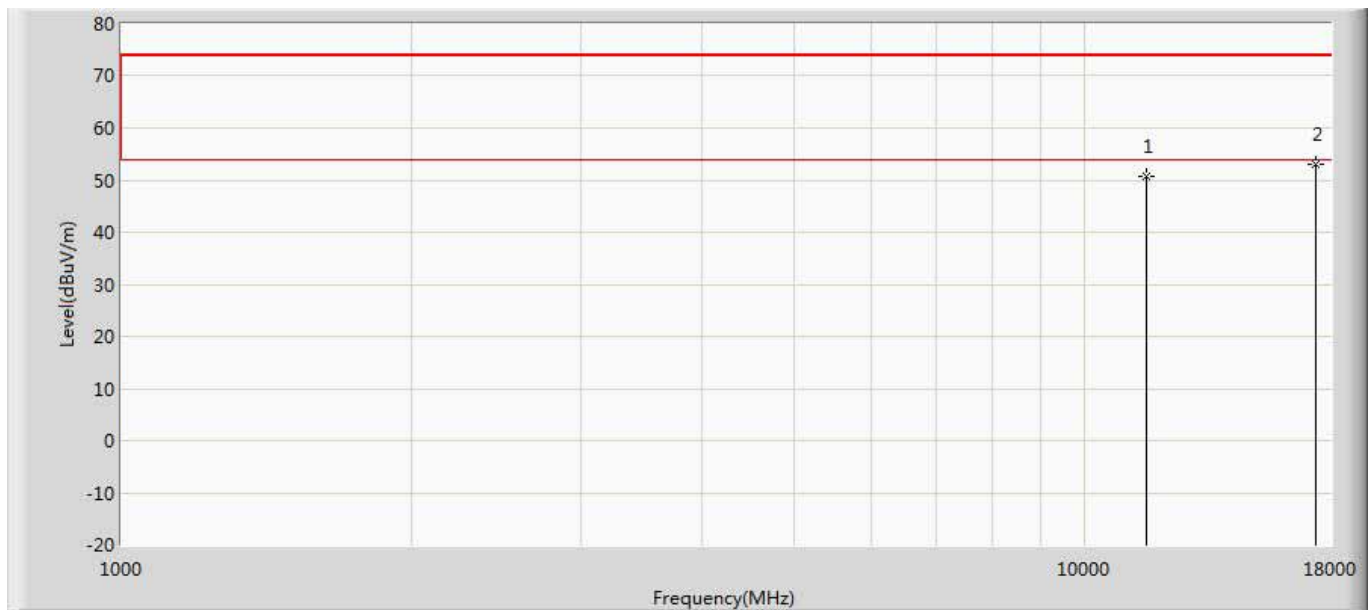
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	50.125	35.041	-23.875	74.000	15.084	PK
2	*	17235.000	52.691	33.212	-21.309	74.000	19.479	PK

Site:AC5	Time: 2017/06/08 - 13:42
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: Mode 1:Transmit at channel 5785MHz by 802.11aANT3	



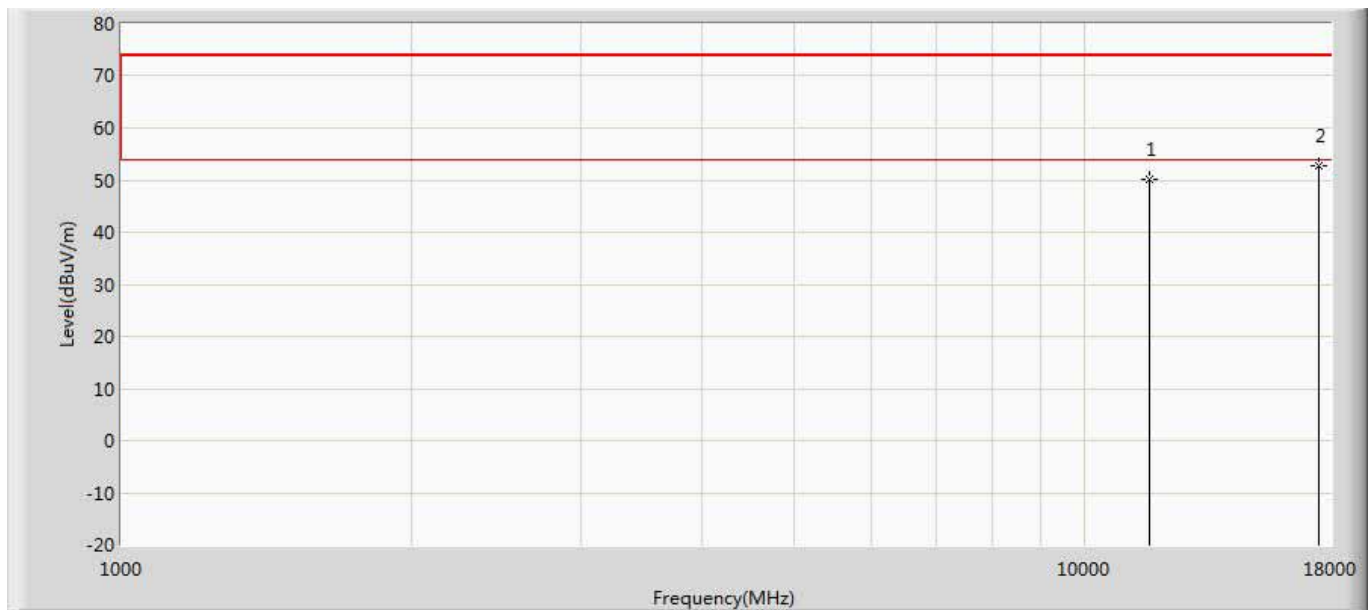
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	51.621	35.445	-22.379	74.000	16.177	PK
2	*	17355.000	52.916	32.332	-21.084	74.000	20.584	PK

Site:AC5	Time: 2017/06/08 - 13:44
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 1:Transmit at channel 5785MHz by 802.11aANT3	



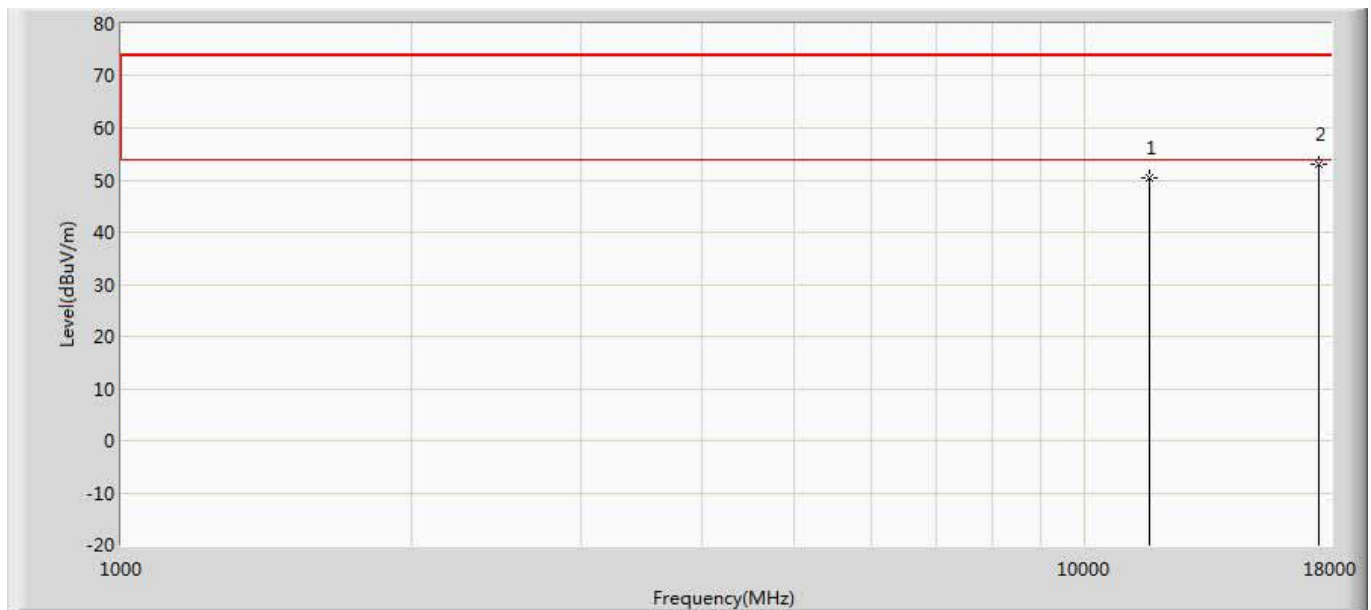
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.861	34.685	-23.139	74.000	16.177	PK
2	*	17355.000	52.968	32.384	-21.032	74.000	20.584	PK

Site:AC5	Time: 2017/06/08 - 13:59
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: Mode 1:Transmit at channel 5825MHz by 802.11aANT3	



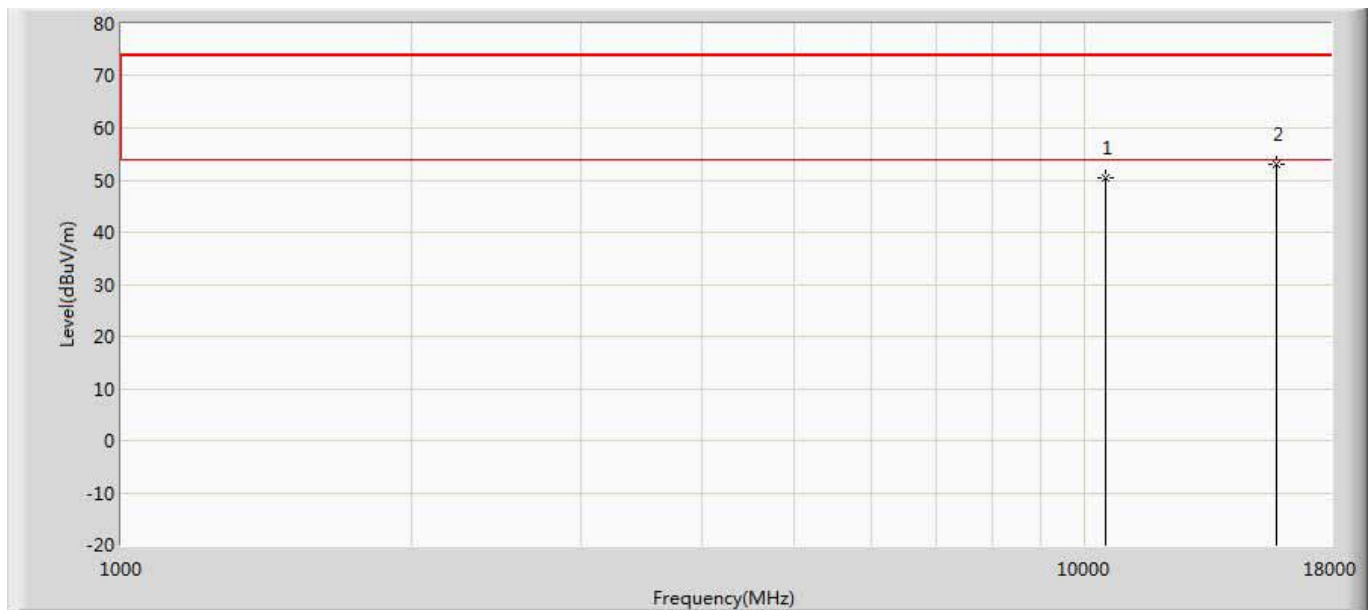
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.234	33.744	-23.766	74.000	16.490	PK
2	*	17475.000	52.668	32.461	-21.332	74.000	20.208	PK

Site:AC5	Time: 2017/06/08 - 14:01
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 1:Transmit at channel 5825MHz by 802.11aANT3	



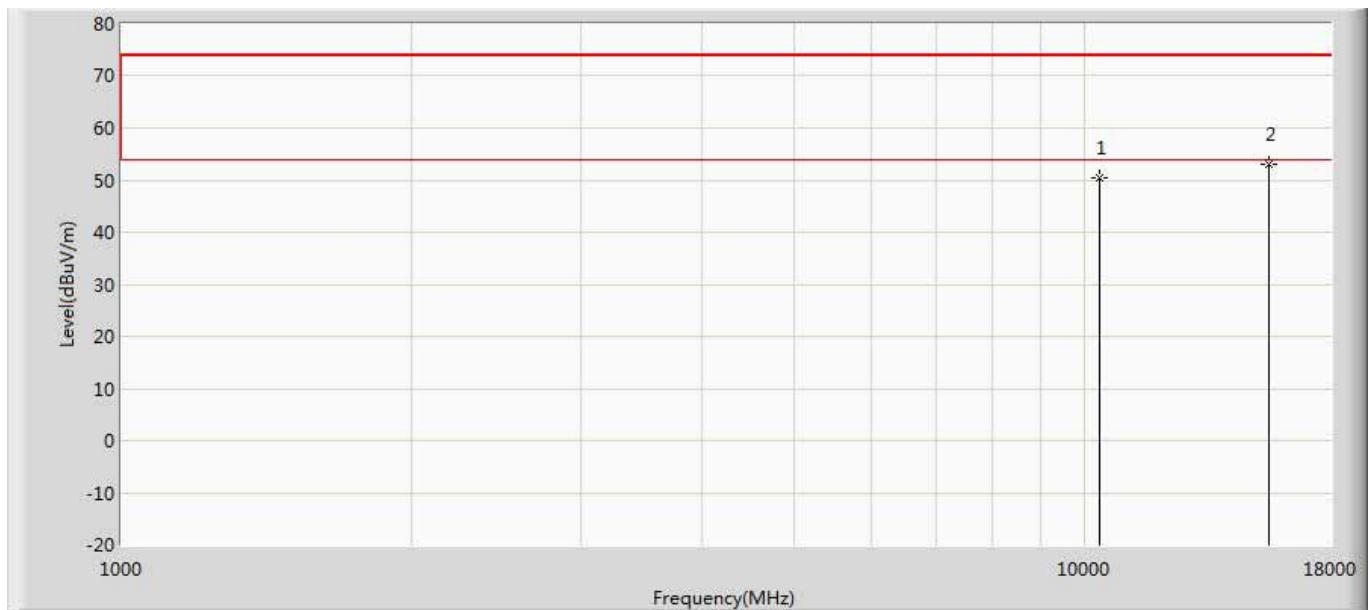
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.325	33.835	-23.675	74.000	16.490	PK
2	*	17475.000	53.023	32.816	-20.977	74.000	20.208	PK

Site:AC5	Time: 2017/06/08 - 14:03
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: Mode 2:Transmit at channel 5180MHz by 802.11n20 ANT3	



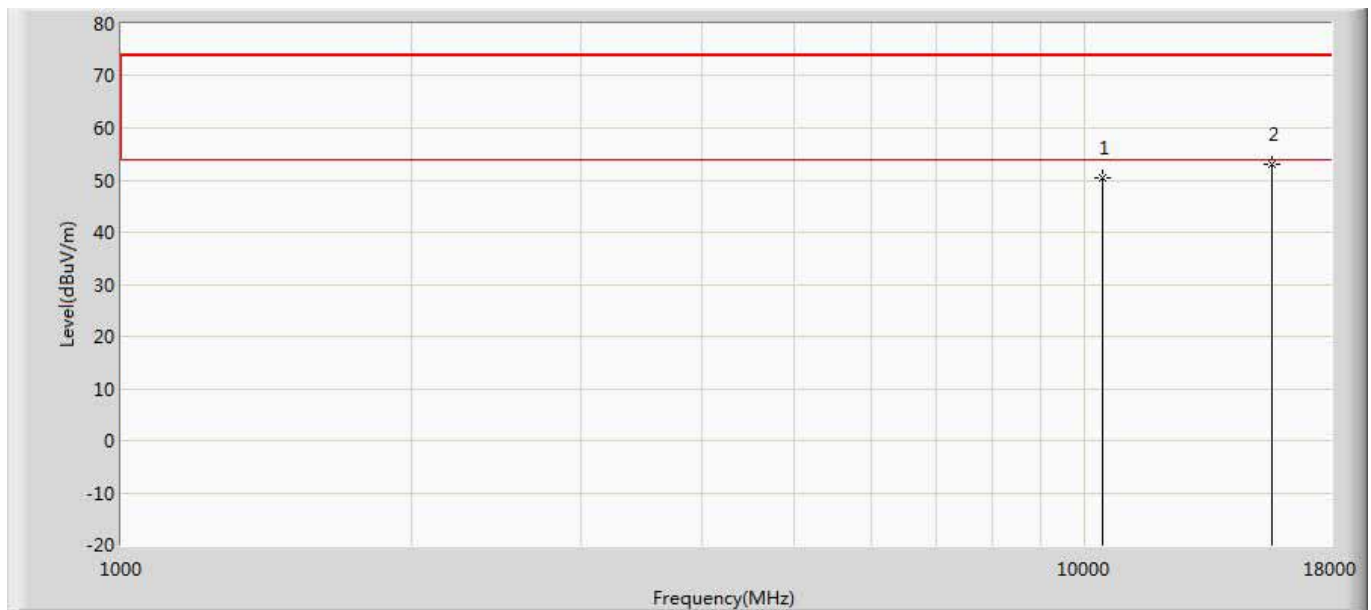
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10520.000	50.431	35.619	-23.569	74.000	14.812	PK
2	*	15780.000	52.915	33.436	-21.085	74.000	19.479	PK

Site:AC5	Time: 2017/06/08 - 14:05
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 2:Transmit at channel 5180MHz by 802.11n20 ANT3	



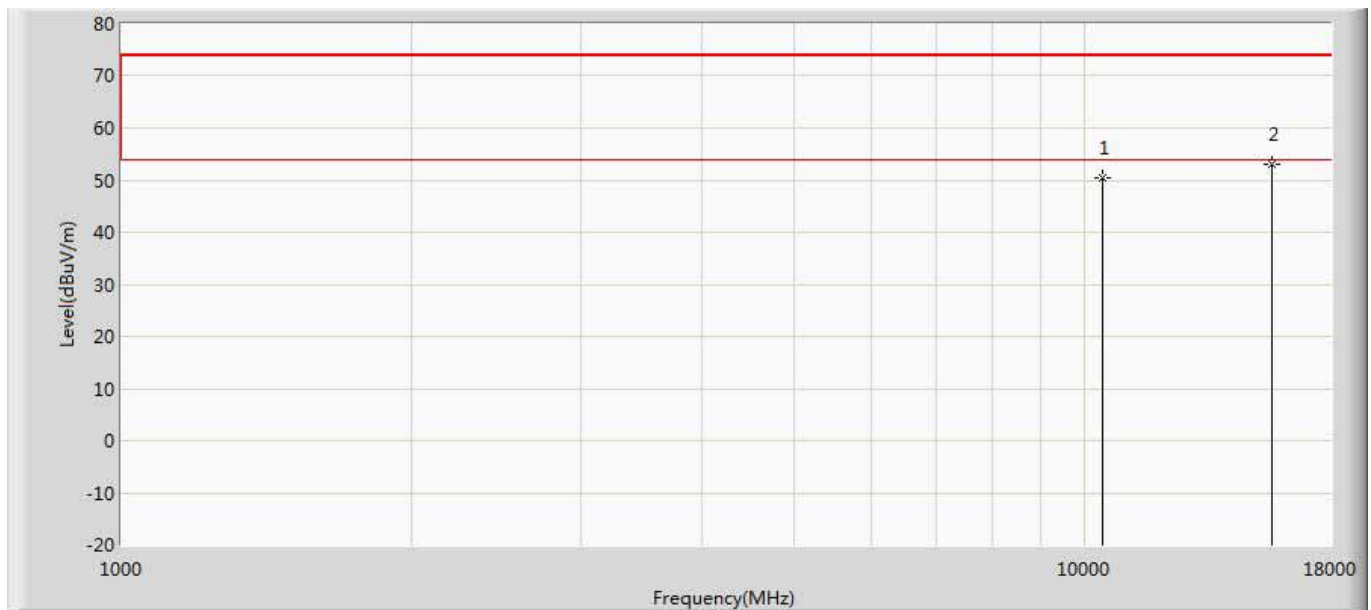
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.461	37.114	-23.539	74.000	13.347	PK
2	*	15540.000	52.971	34.493	-21.029	74.000	18.477	PK

Site:AC5	Time: 2017/06/08 - 14:08
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: Mode 2:Transmit at channel 5220MHz by 802.11n20 ANT3	



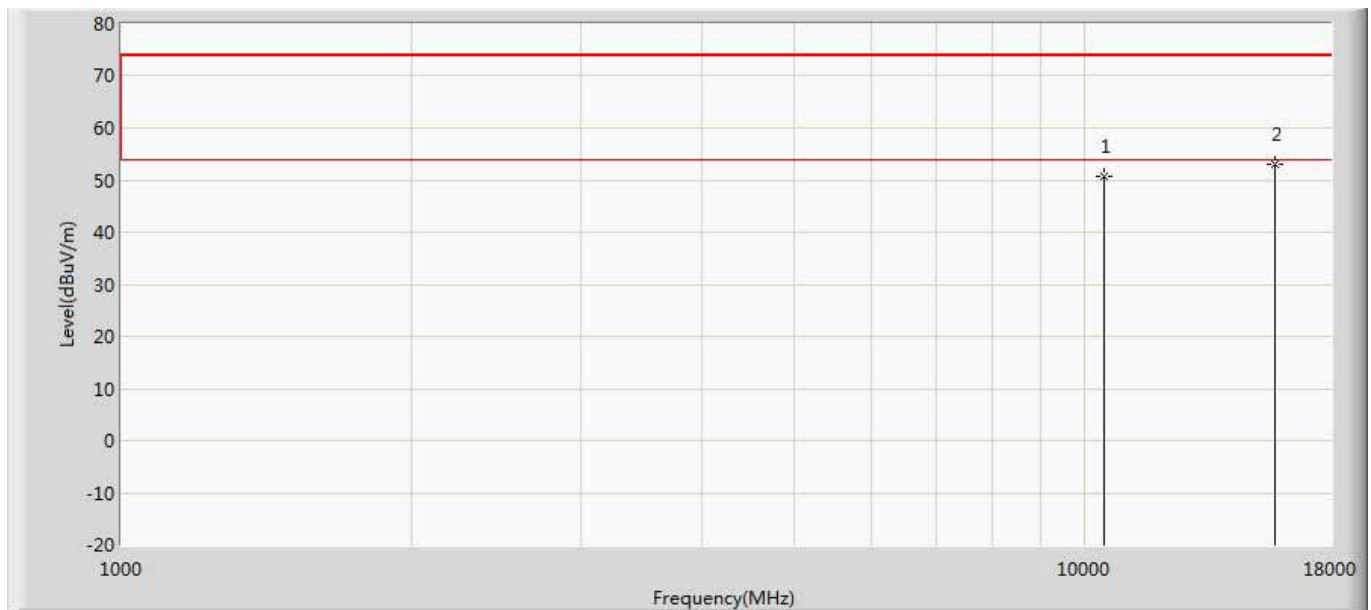
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.345	36.564	-23.655	74.000	13.781	PK
2	*	15660.000	53.034	34.456	-20.966	74.000	18.578	PK

Site:AC5	Time: 2017/06/08 - 14:19
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 2:Transmit at channel 5220MHz by 802.11n20 ANT3	



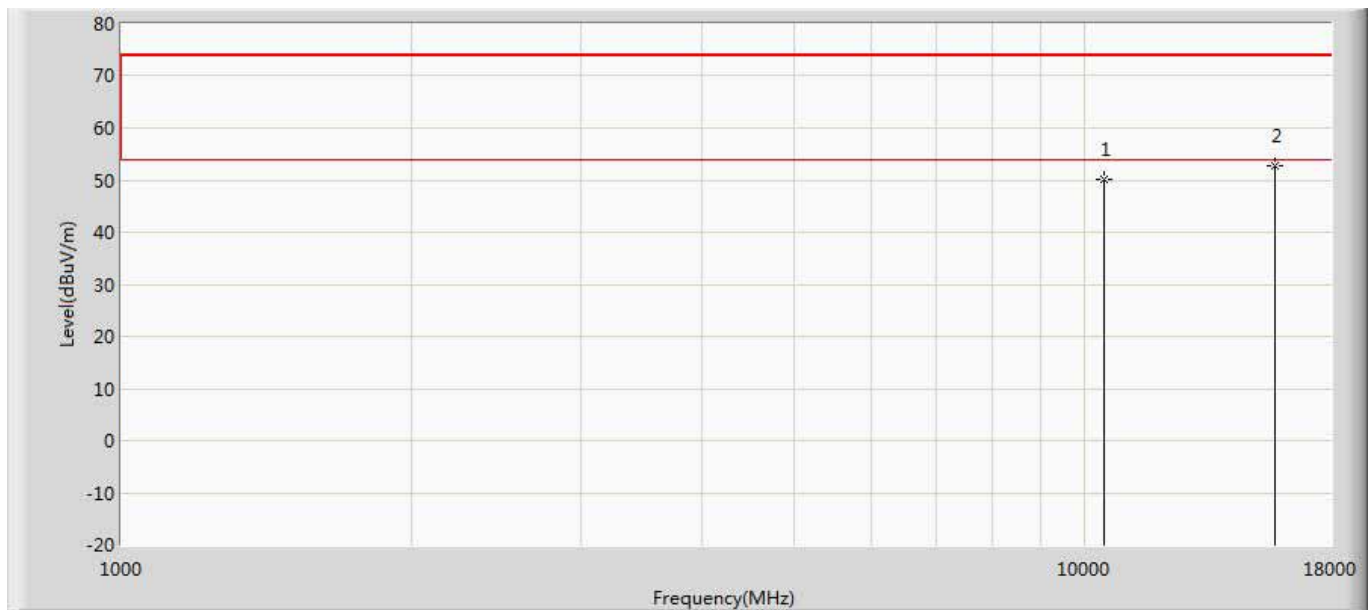
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.361	36.580	-23.639	74.000	13.781	PK
2	*	15660.000	52.956	34.378	-21.044	74.000	18.578	PK

Site:AC5	Time: 2017/06/08 - 14:25
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: Mode 2:Transmit at channel 5240MHz by 802.11n20 ANT3	



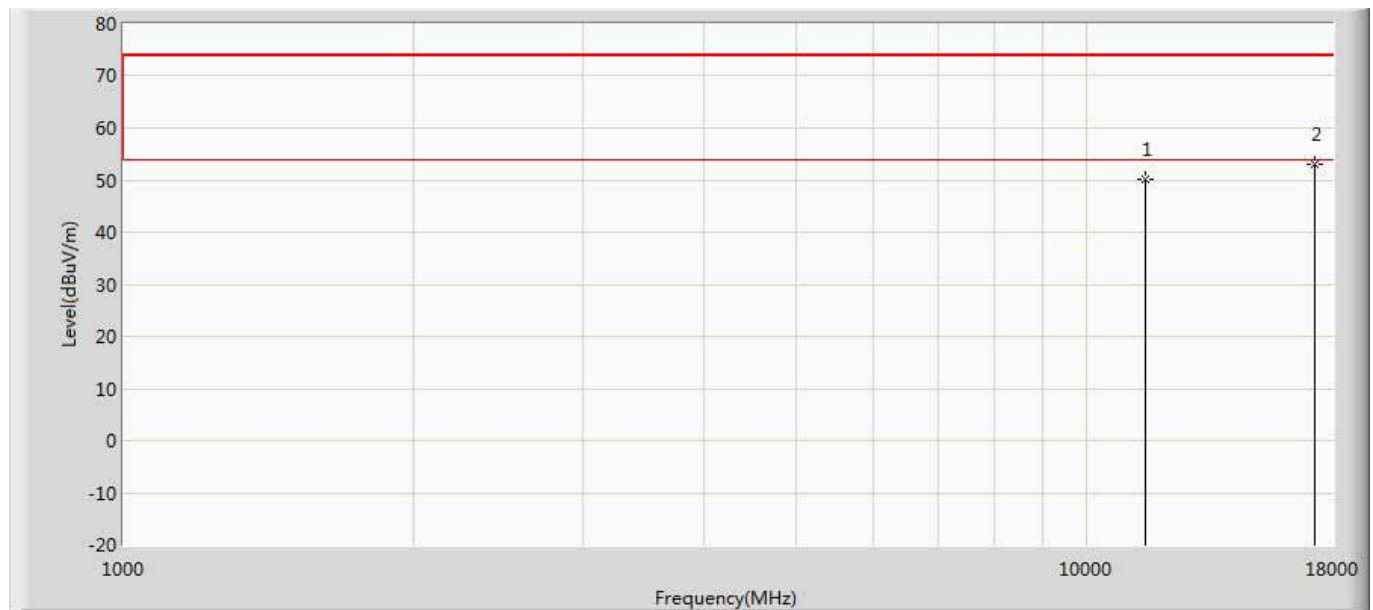
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.648	37.095	-23.352	74.000	13.552	PK
2	*	15720.000	53.172	32.898	-20.828	74.000	20.274	PK

Site:AC5	Time: 2017/06/08 - 14:26
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 2:Transmit at channel 5240MHz by 802.11n20 ANT3	



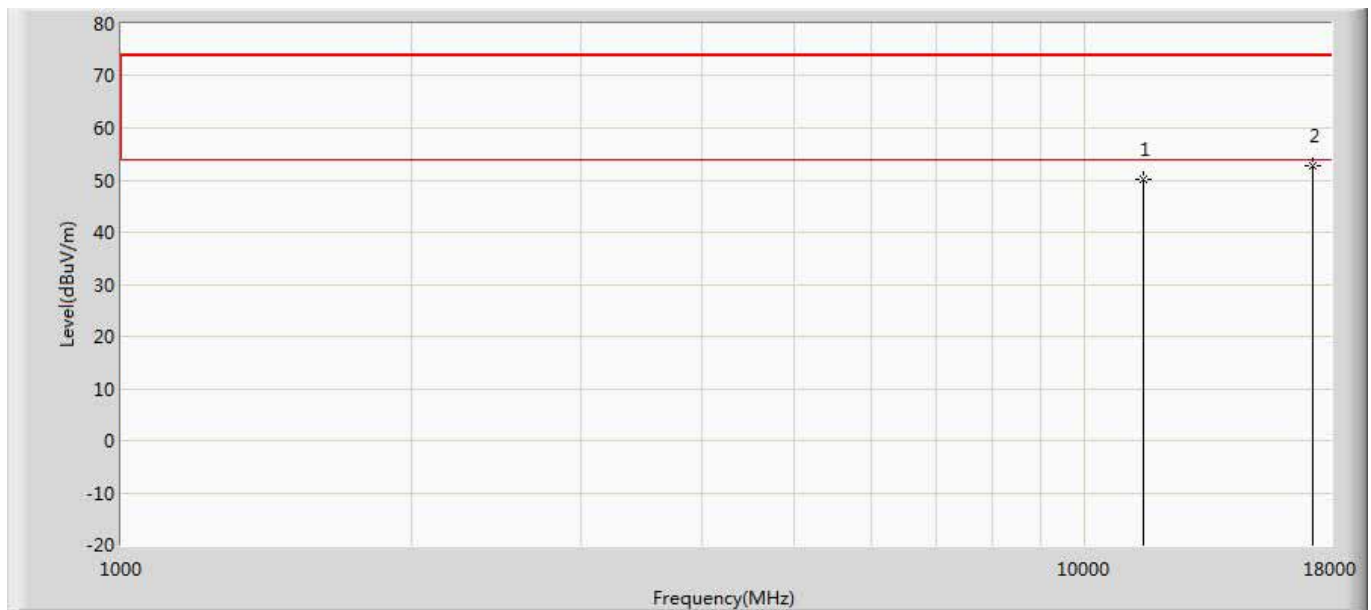
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.235	36.682	-23.765	74.000	13.552	PK
2	*	15720.000	52.698	32.424	-21.302	74.000	20.274	PK

Site:AC5	Time: 2017/06/06 - 09:20
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: Mode 2:Transmit at channel 5745MHz by 802.11n20 ANT3	



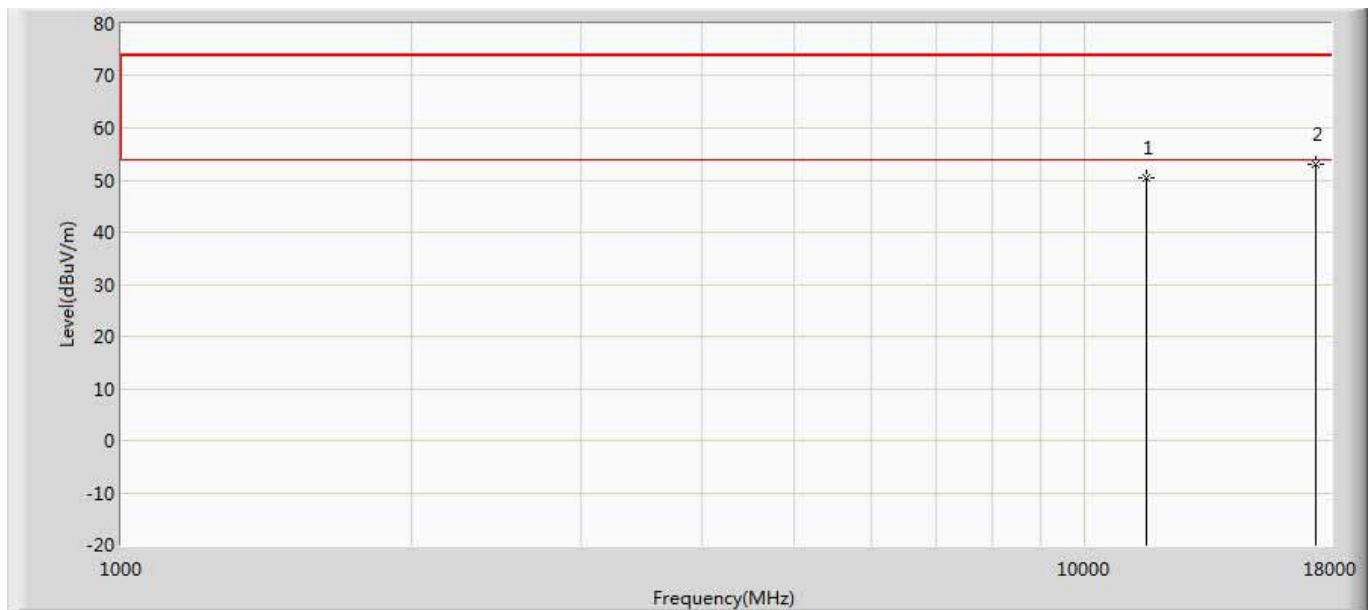
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	50.268	35.184	-23.732	74.000	15.084	PK
2	*	17235.000	52.968	33.489	-21.032	74.000	19.479	PK

Site:AC5	Time: 2017/06/06 - 09:21
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 2:Transmit at channel 5745MHz by 802.11n20 ANT3	



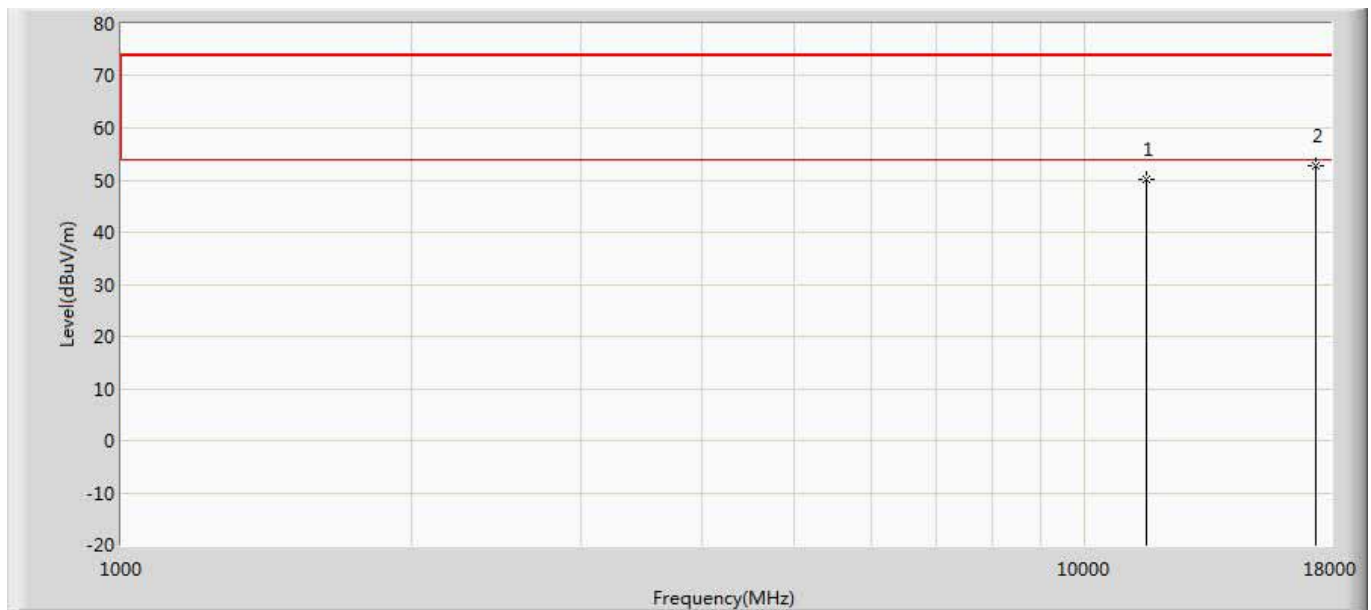
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	50.129	35.045	-23.871	74.000	15.084	PK
2	*	17235.000	52.816	33.337	-21.184	74.000	19.479	PK

Site:AC5	Time: 2017/06/06 - 09:31
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: Mode 2:Transmit at channel 5785MHz by 802.11n20 ANT3	



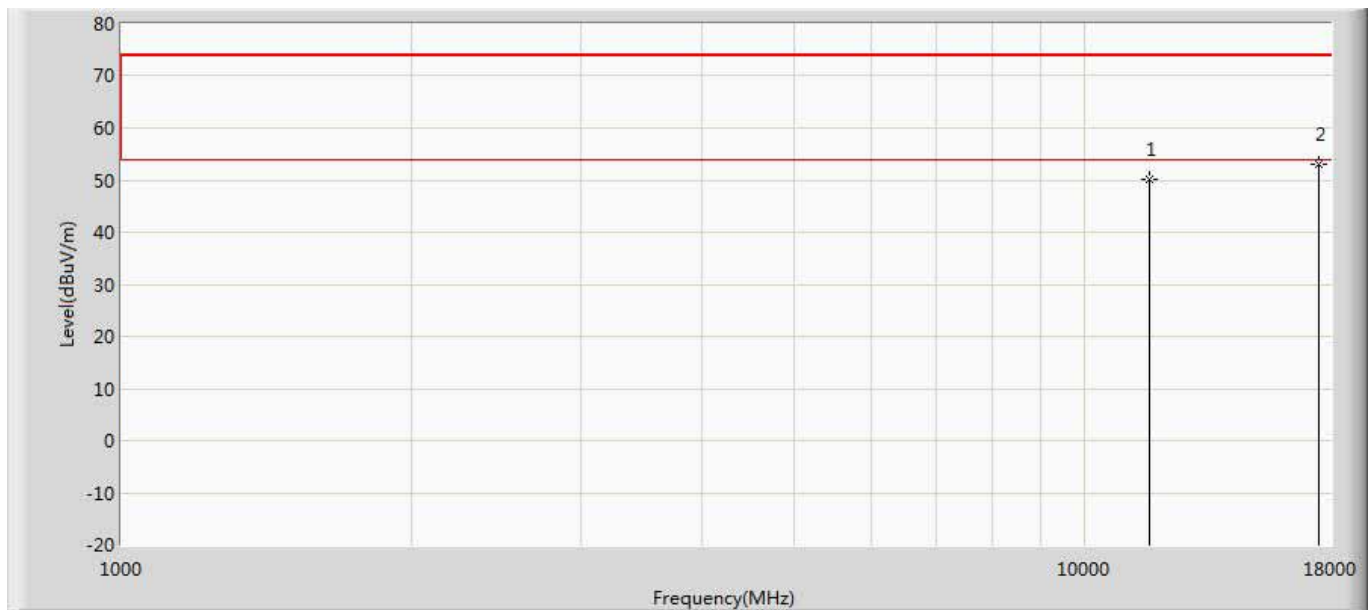
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.420	34.244	-23.580	74.000	16.177	PK
2	*	17355.000	52.912	32.328	-21.088	74.000	20.584	PK

Site:AC5	Time: 2017/06/06 - 09:32
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 2:Transmit at channel 5785MHz by 802.11n20 ANT3	



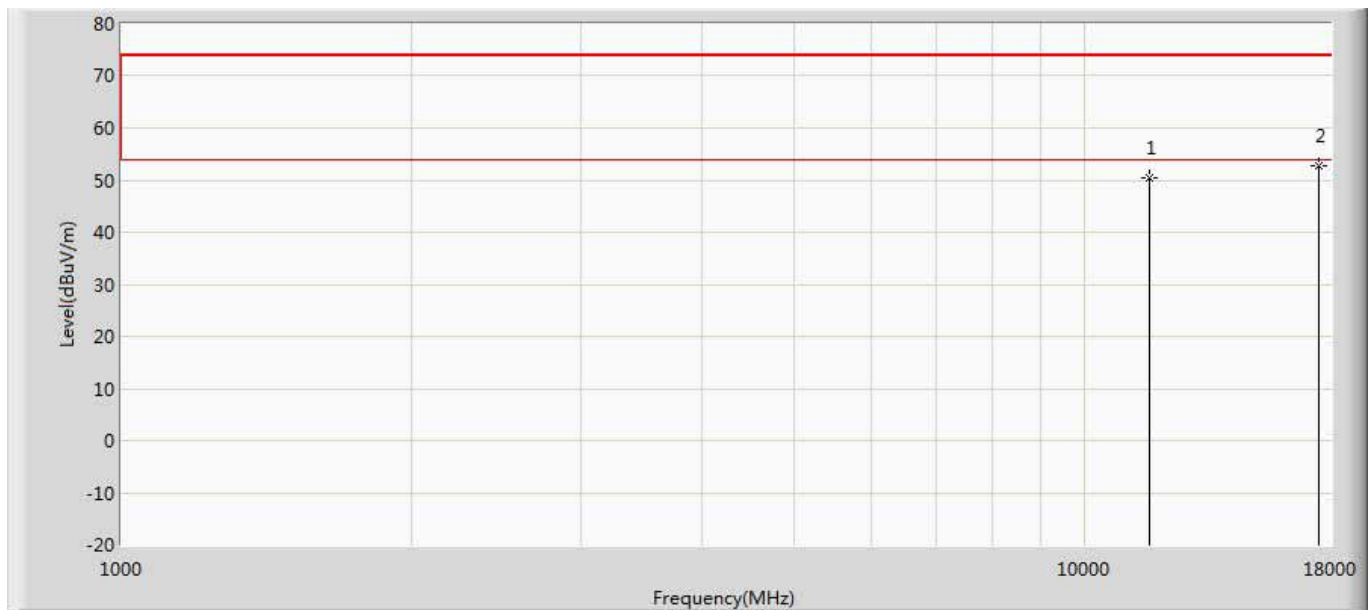
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.128	33.952	-23.872	74.000	16.177	PK
2	*	17355.000	52.781	32.197	-21.219	74.000	20.584	PK

Site:AC5	Time: 2017/06/06 - 09:35
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: Mode 2:Transmit at channel 5825MHz by 802.11n20 ANT3	



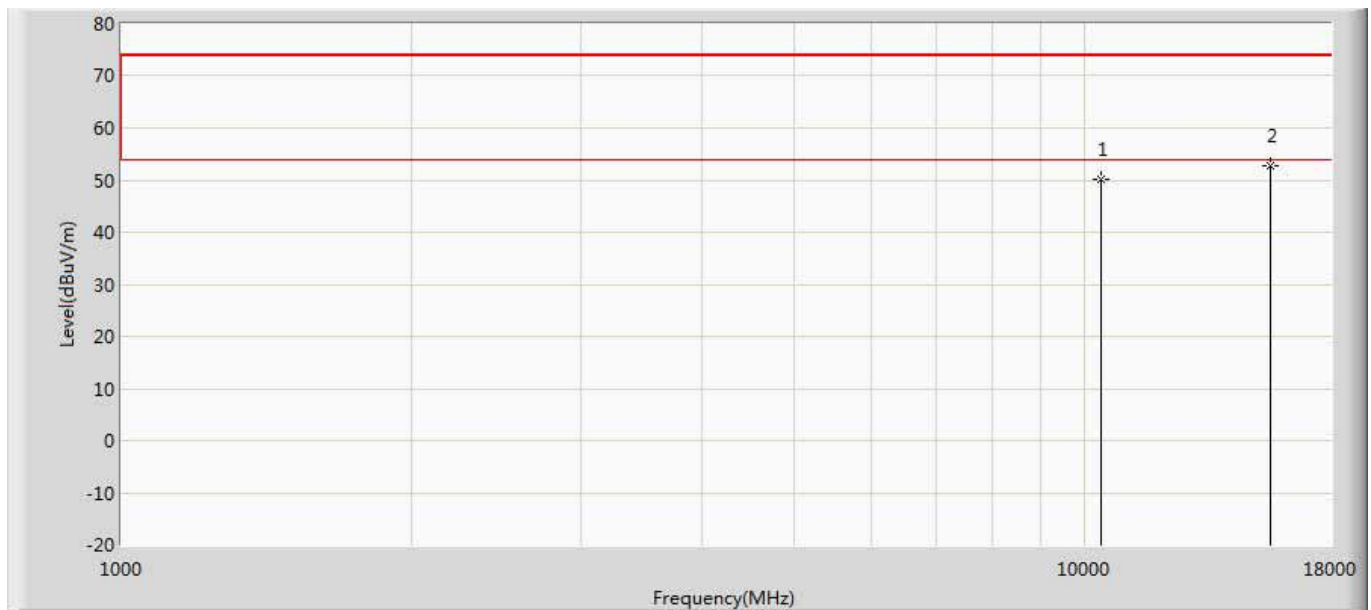
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.235	33.745	-23.765	74.000	16.490	PK
2	*	17475.000	53.163	32.956	-20.837	74.000	20.208	PK

Site:AC5	Time: 2017/06/06 - 09:38
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 2:Transmit at channel 5825MHz by 802.11n20 ANT3	



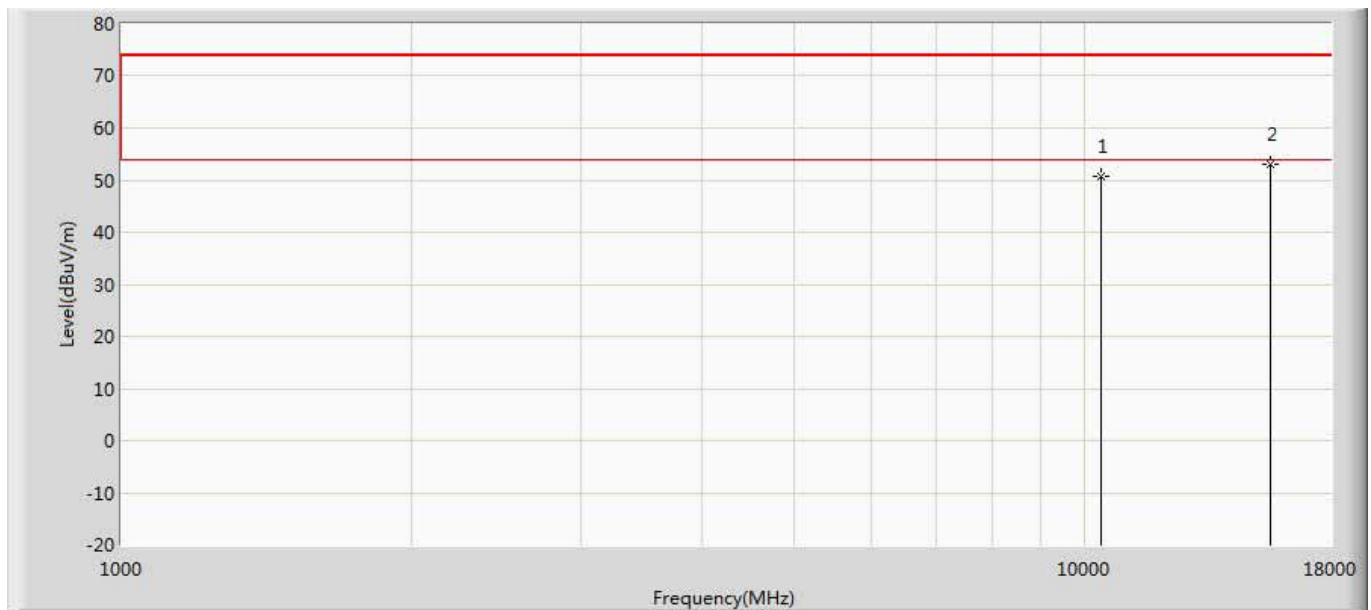
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.331	33.841	-23.669	74.000	16.490	PK
2	*	17475.000	52.681	32.474	-21.319	74.000	20.208	PK

Site:AC5	Time: 2017/06/06 - 14:29
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: Mode 3:Transmit at channel 5190MHz by 802.11n40 ANT3	



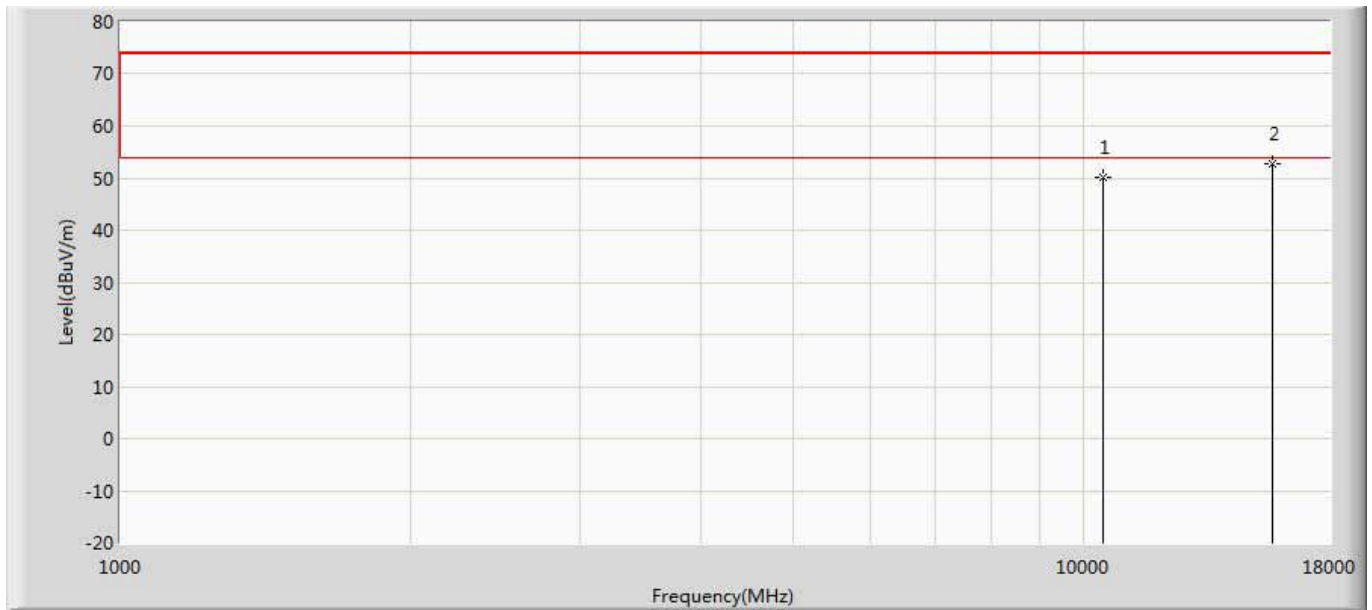
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.261	37.109	-23.739	74.000	13.152	PK
2	*	15570.000	52.618	33.077	-21.382	74.000	19.541	PK

Site:AC5	Time: 2017/06/06 - 14:32
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 3:Transmit at channel 5190MHz by 802.11n40 ANT3	



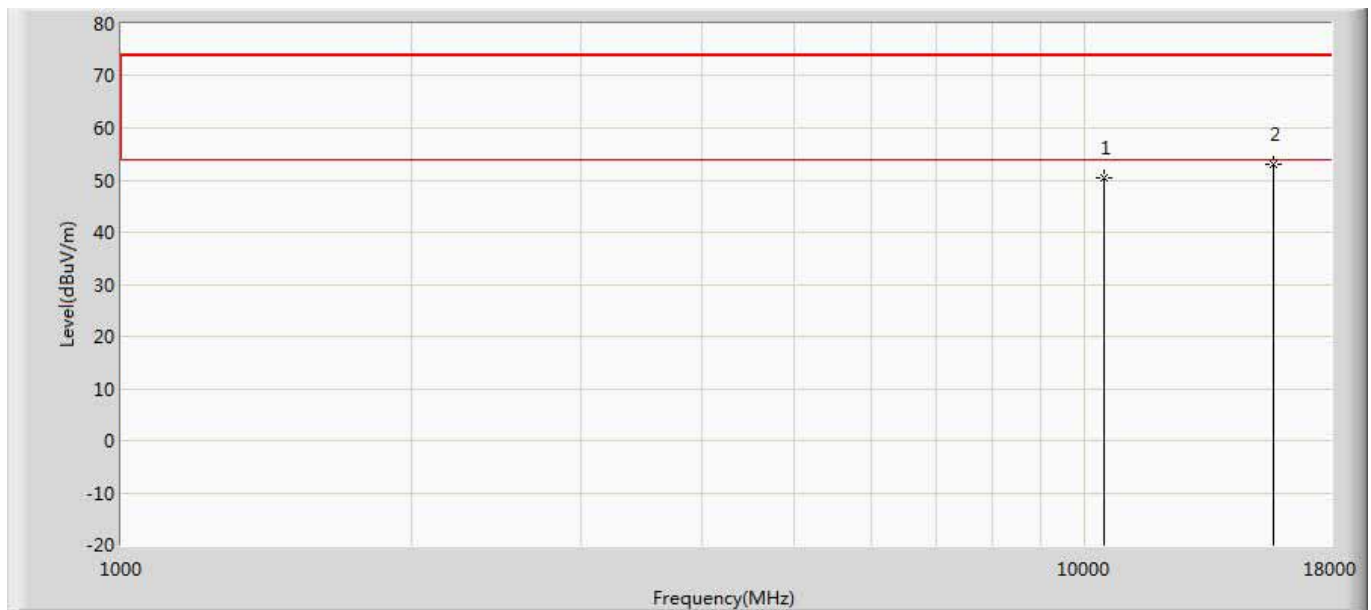
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.625	37.473	-23.375	74.000	13.152	PK
2	*	15570.000	53.021	33.480	-20.979	74.000	19.541	PK

Site:AC5	Time: 2017/06/06 - 14:33
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: Mode 3:Transmit at channel 5230MHz by 802.11n40 ANT3	



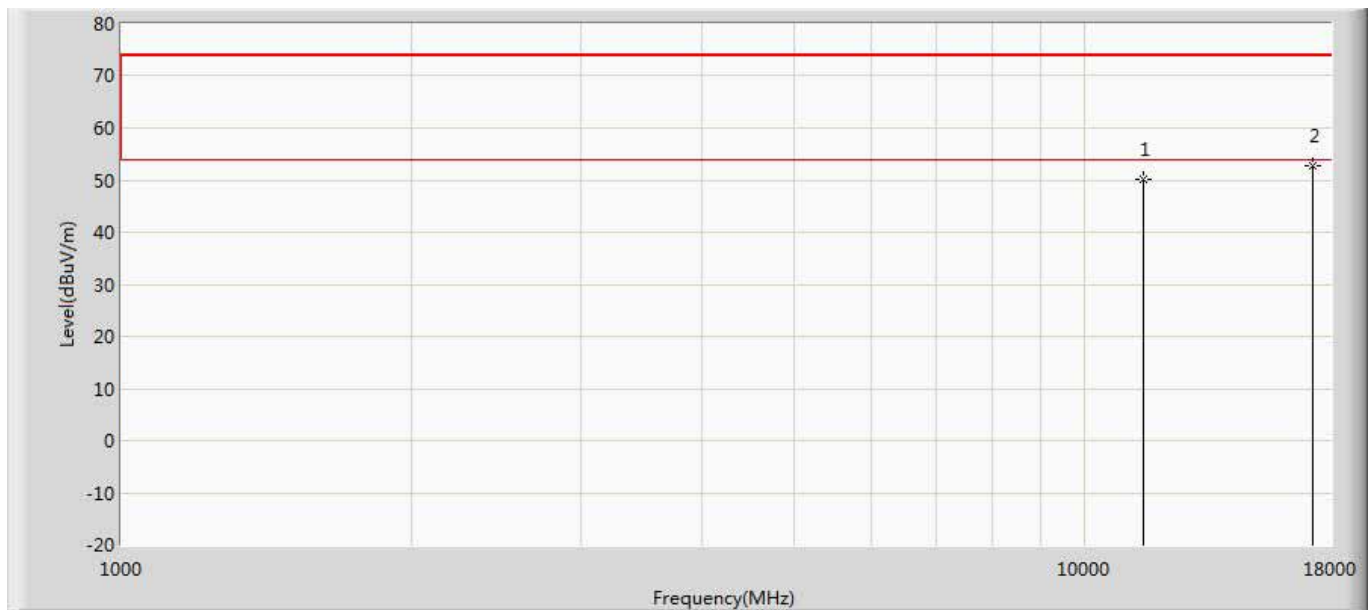
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.261	36.816	-23.739	74.000	13.445	PK
2	*	15690.000	52.681	32.372	-21.319	74.000	20.309	PK

Site:AC5	Time: 2017/06/06 - 14:44
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 3:Transmit at channel 5230MHz by 802.11n40 ANT3	



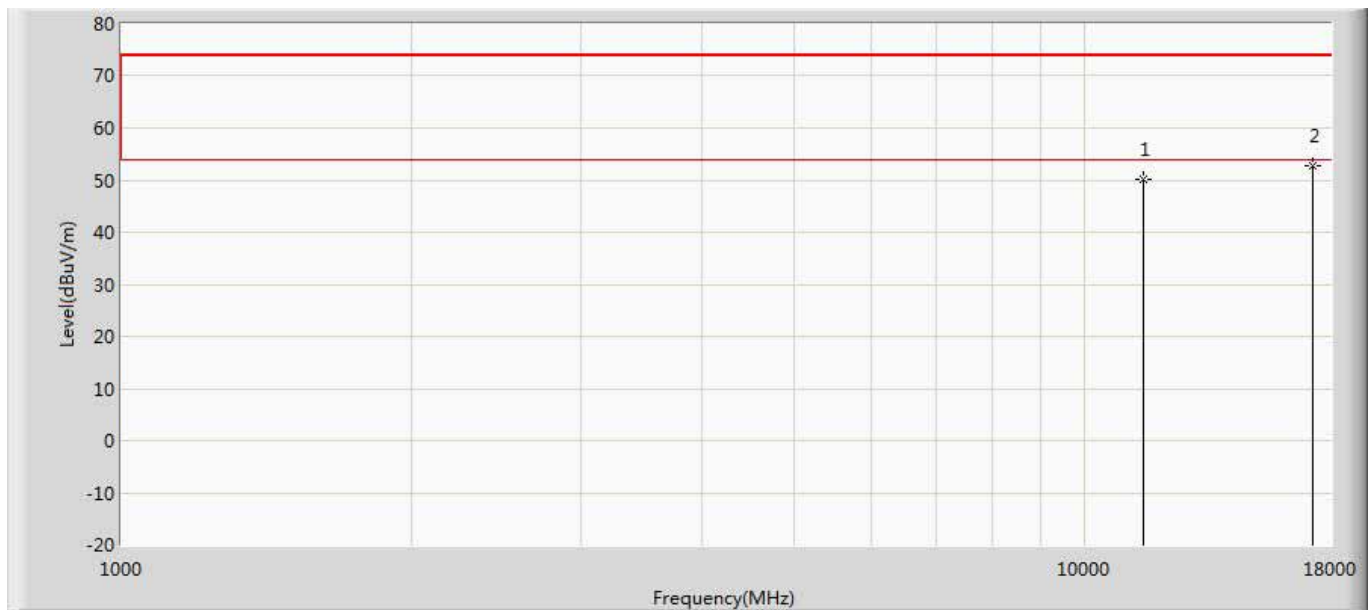
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.361	36.916	-23.639	74.000	13.445	PK
2	*	15690.000	52.918	32.609	-21.082	74.000	20.309	PK

Site:AC5	Time: 2017/06/06 - 15:23
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: Mode 3:Transmit at channel 5755MHz by 802.11n40 ANT3	



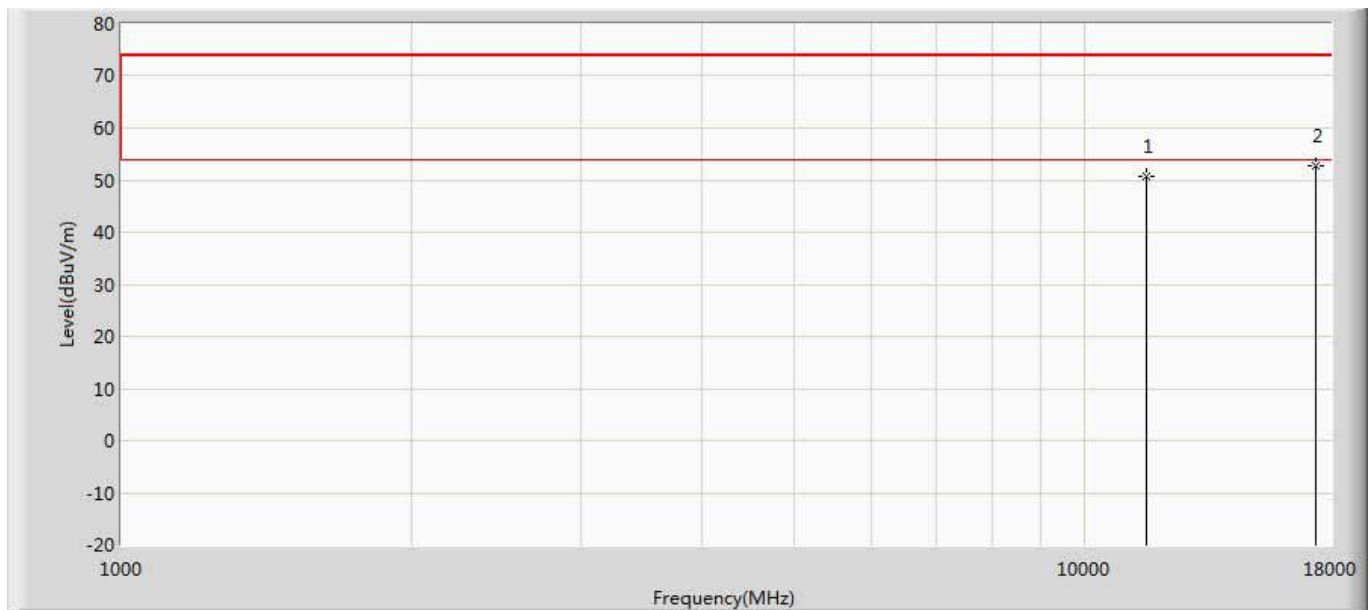
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.125	34.438	-23.875	74.000	15.687	PK
2	*	17265.000	52.651	32.003	-21.349	74.000	20.647	PK

Site:AC5	Time: 2017/06/06 - 15:24
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 3:Transmit at channel 5755MHz by 802.11n40 ANT3	



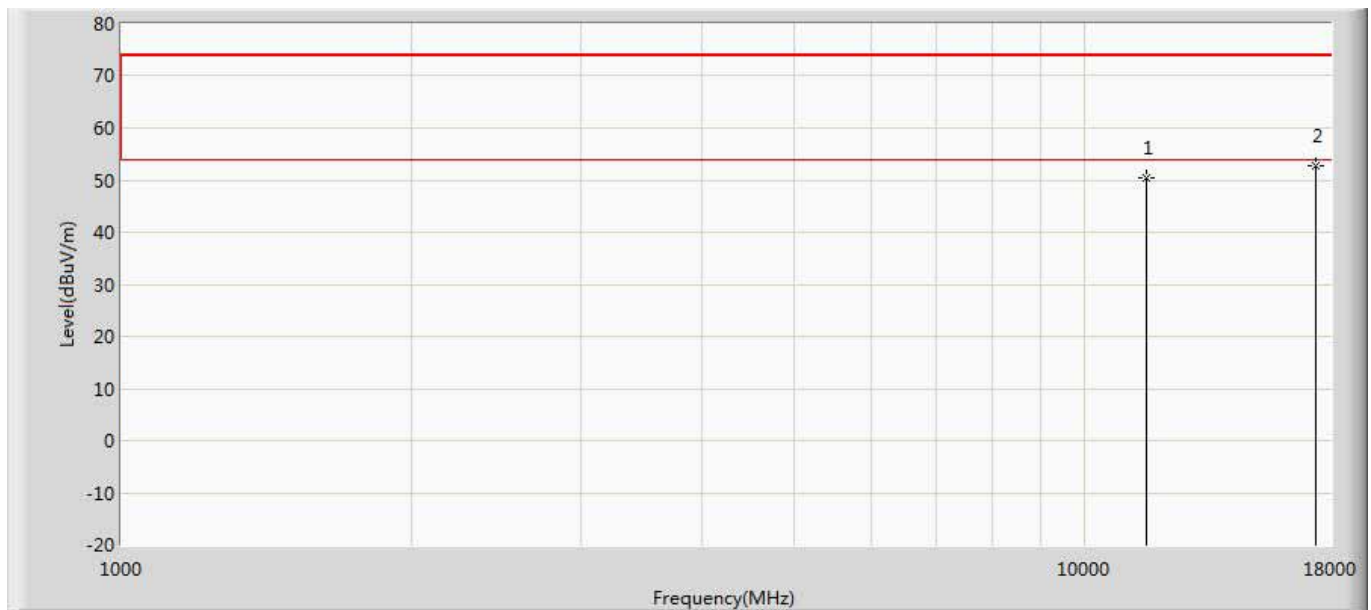
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.185	34.498	-23.815	74.000	15.687	PK
2	*	17265.000	52.625	31.977	-21.375	74.000	20.647	PK

Site:AC5	Time: 2017/06/06 - 15:25
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: Mode 3:Transmit at channel 5795MHz by 802.11n40 ANT3	



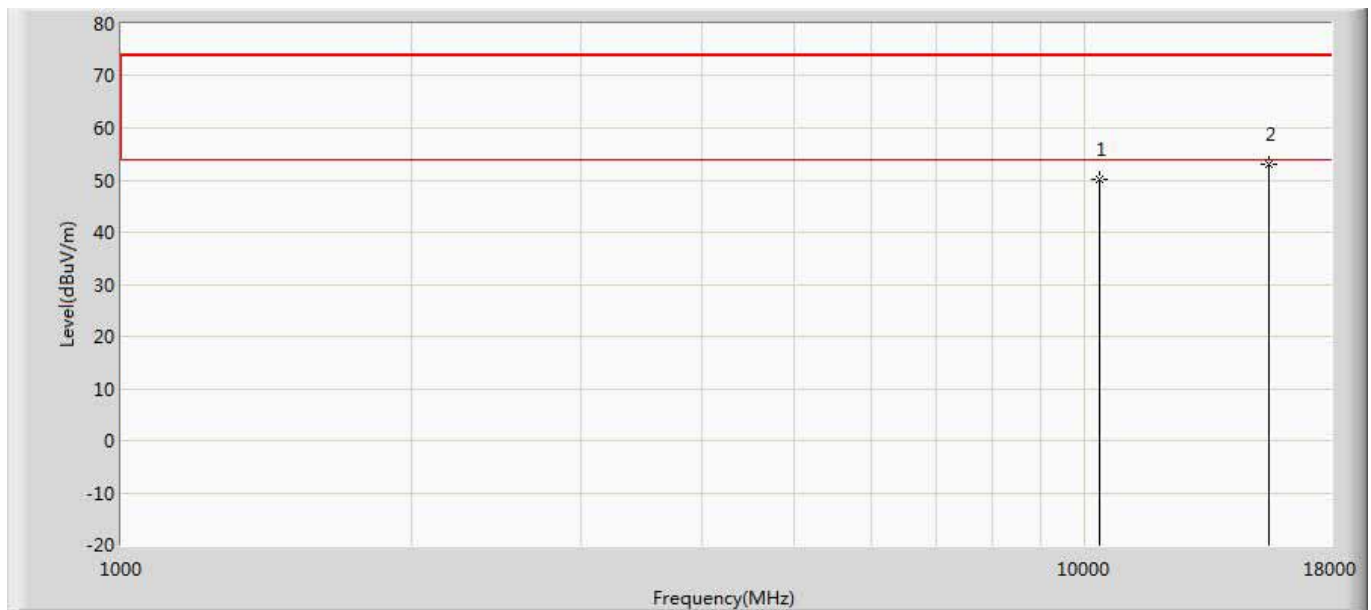
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.660	34.274	-23.340	74.000	16.385	PK
2	*	17385.000	52.849	32.257	-21.151	74.000	20.592	PK

Site:AC5	Time: 2017/06/06 - 15:25
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 3:Transmit at channel 5795MHz by 802.11n40 ANT3	



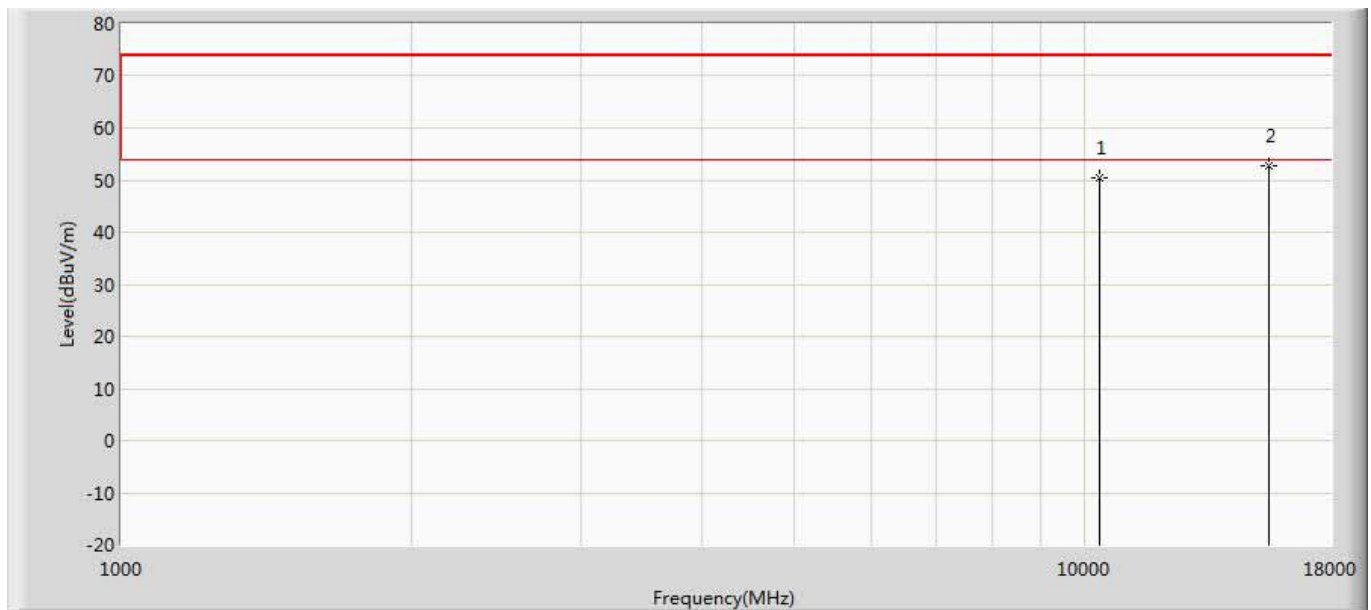
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.549	34.163	-23.451	74.000	16.385	PK
2	*	17385.000	52.619	32.027	-21.381	74.000	20.592	PK

Site:AC5	Time: 2017/06/06 - 09:40
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: Mode 4:Transmit at channel 5180MHz by 802.11ac20 ANT3	



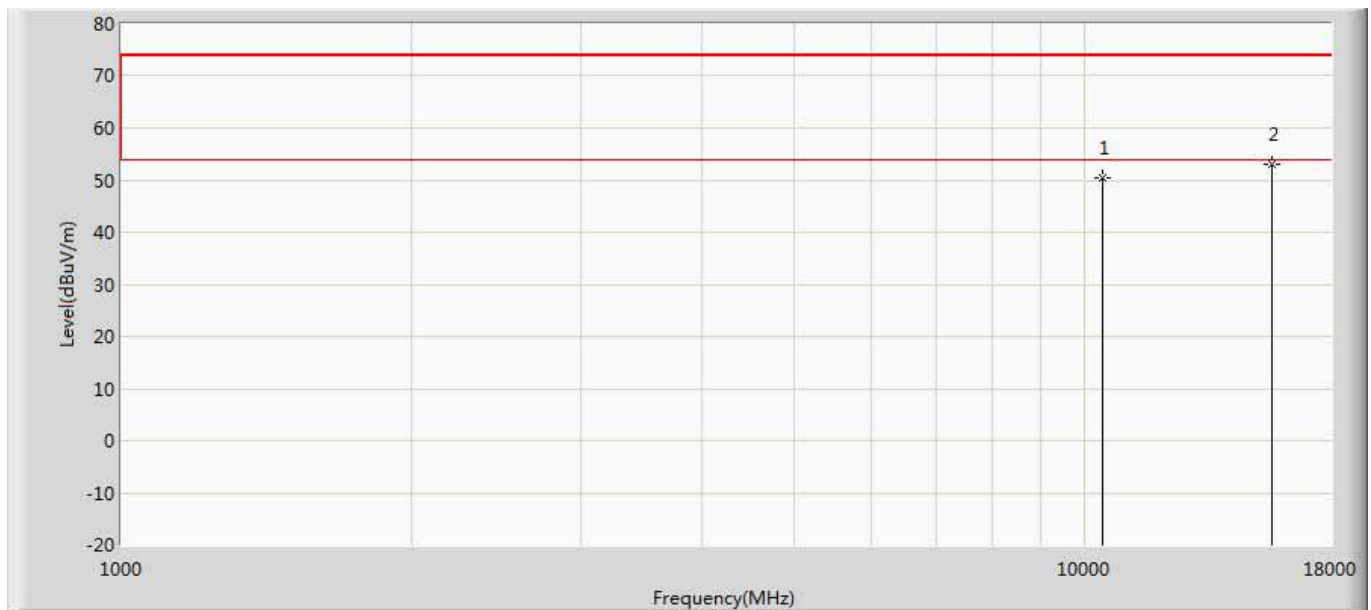
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.127	36.780	-23.873	74.000	13.347	PK
2	*	15540.000	52.961	34.483	-21.039	74.000	18.477	PK

Site:AC5	Time: 2017/06/06 - 09:42
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 4:Transmit at channel 5180MHz by 802.11ac20 ANT3	



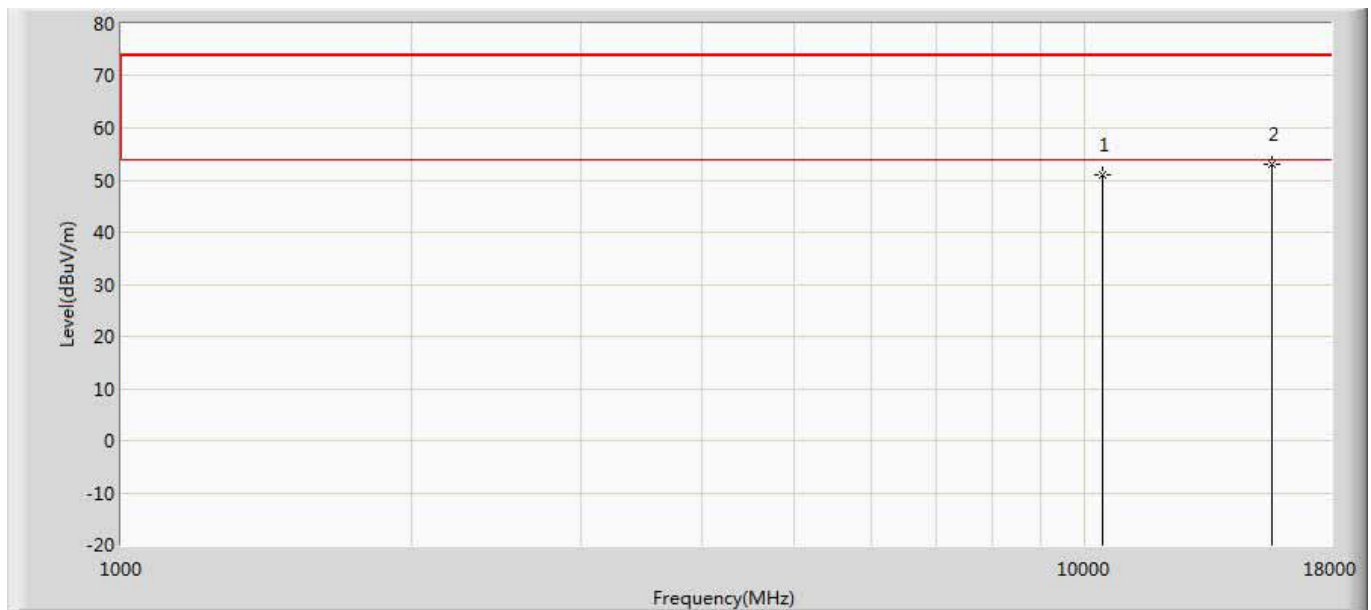
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.341	36.994	-23.659	74.000	13.347	PK
2	*	15540.000	52.651	34.173	-21.349	74.000	18.477	PK

Site:AC5	Time: 2017/06/06 - 10:32
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: Mode 4:Transmit at channel 5220MHz by 802.11ac20 ANT3	



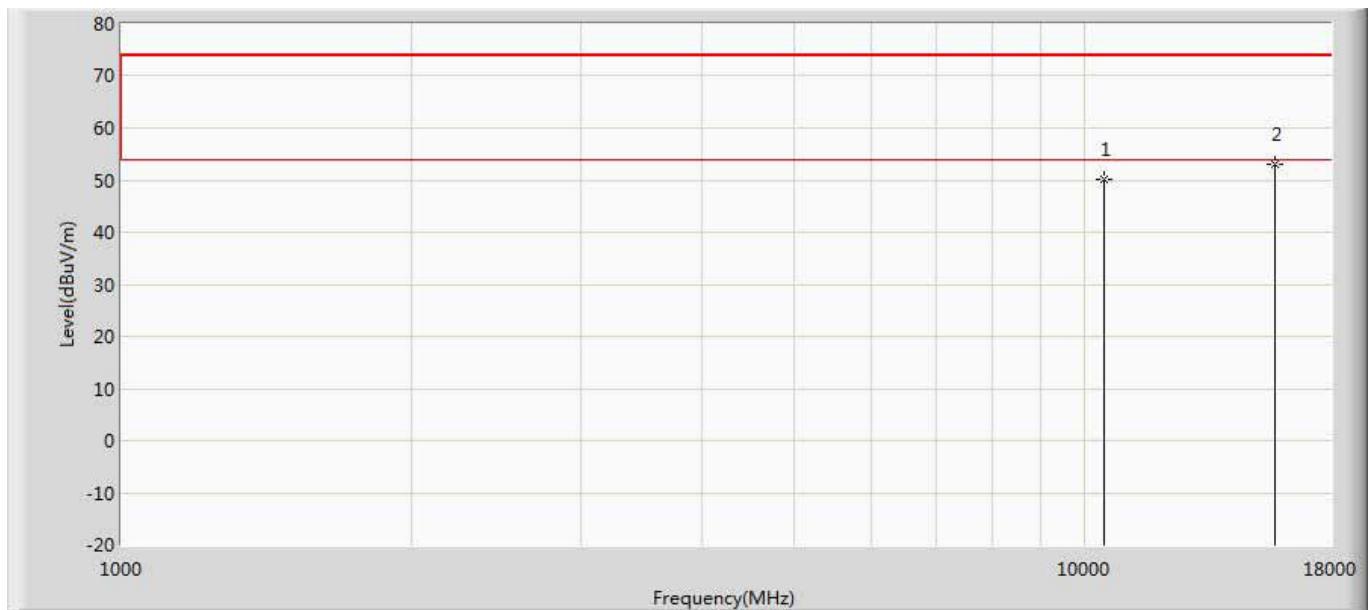
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.319	36.538	-23.681	74.000	13.781	PK
2	*	15660.000	52.918	34.340	-21.082	74.000	18.578	PK

Site:AC5	Time: 2017/06/06 - 10:34
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 4:Transmit at channel 5220MHz by 802.11ac20 ANT3	



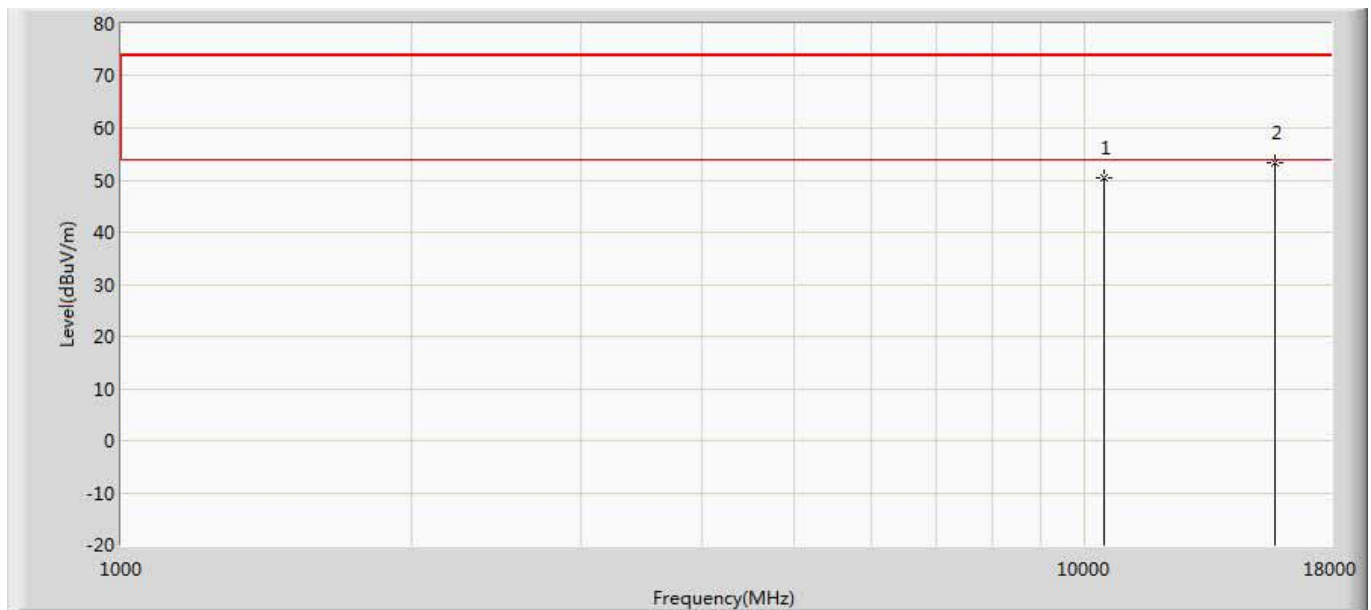
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.916	37.135	-23.084	74.000	13.781	PK
2	*	15660.000	53.025	34.447	-20.975	74.000	18.578	PK

Site:AC5	Time: 2017/06/06 - 13:42
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: Mode 4:Transmit at channel 5240MHz by 802.11ac20 ANT3	



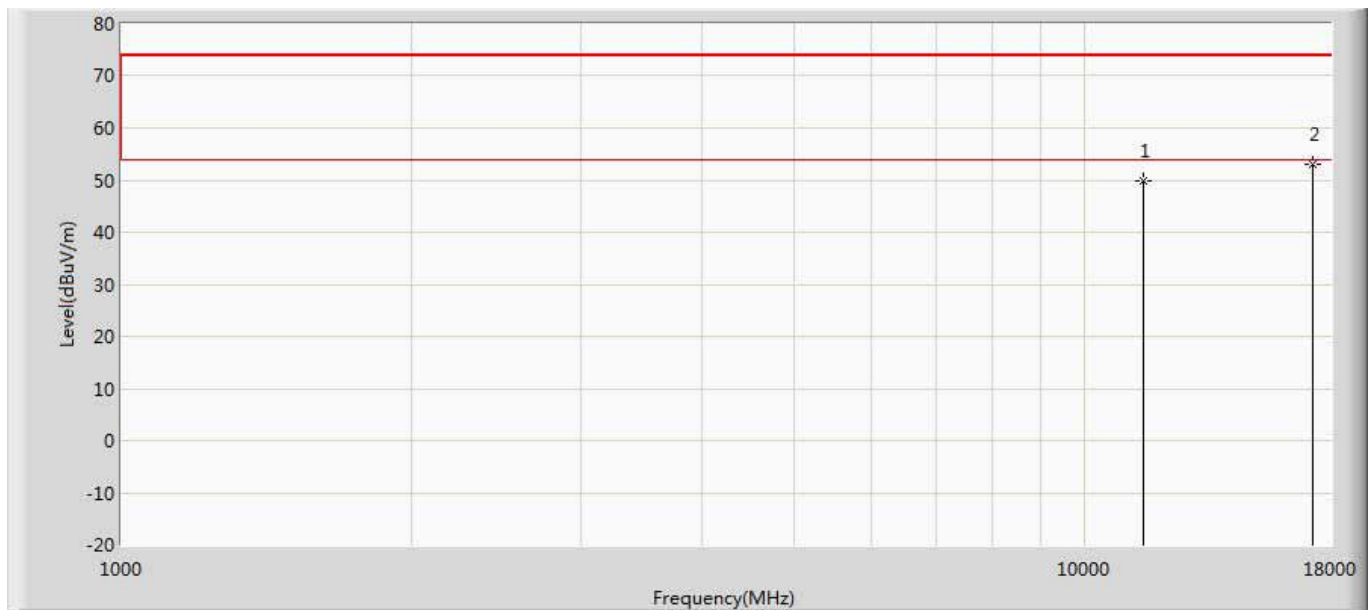
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.231	36.678	-23.769	74.000	13.552	PK
2	*	15720.000	53.022	32.748	-20.978	74.000	20.274	PK

Site:AC5	Time: 2017/06/06 - 13:45
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 4:Transmit at channel 5240MHz by 802.11ac20 ANT3	



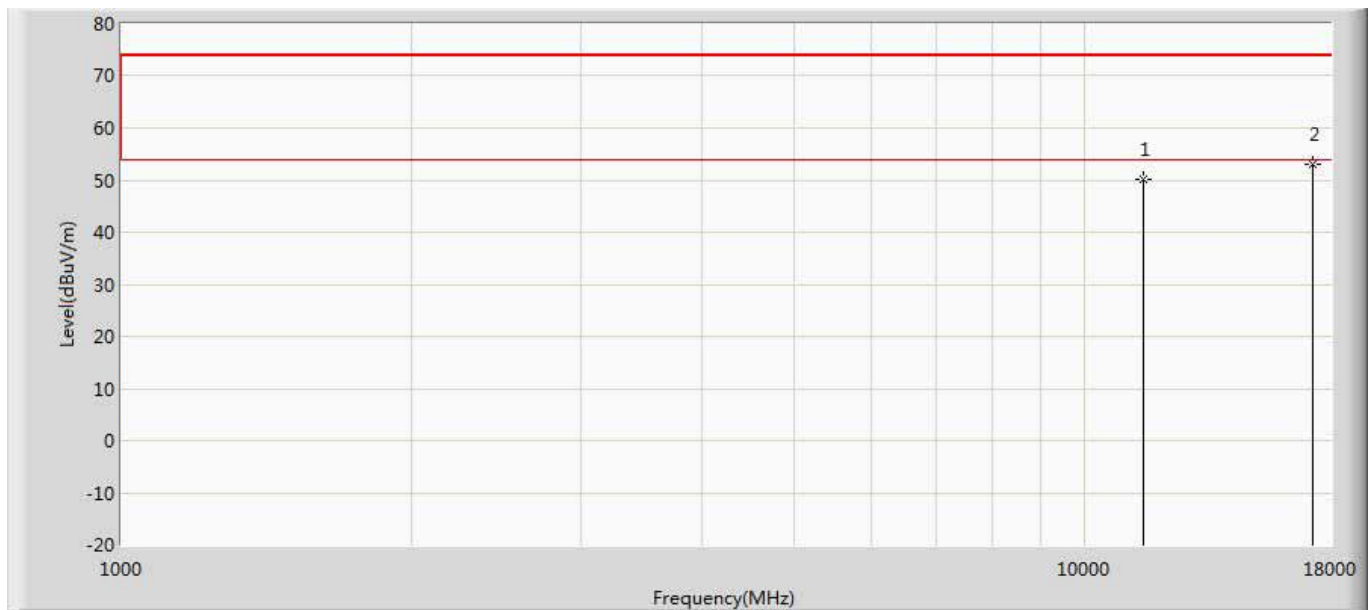
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.431	36.878	-23.569	74.000	13.552	PK
2	*	15720.000	53.251	32.977	-20.749	74.000	20.274	PK

Site:AC5	Time: 2017/06/06 - 14:02
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: Mode 4:Transmit at channel 5745MHz by 802.11ac20 ANT3	



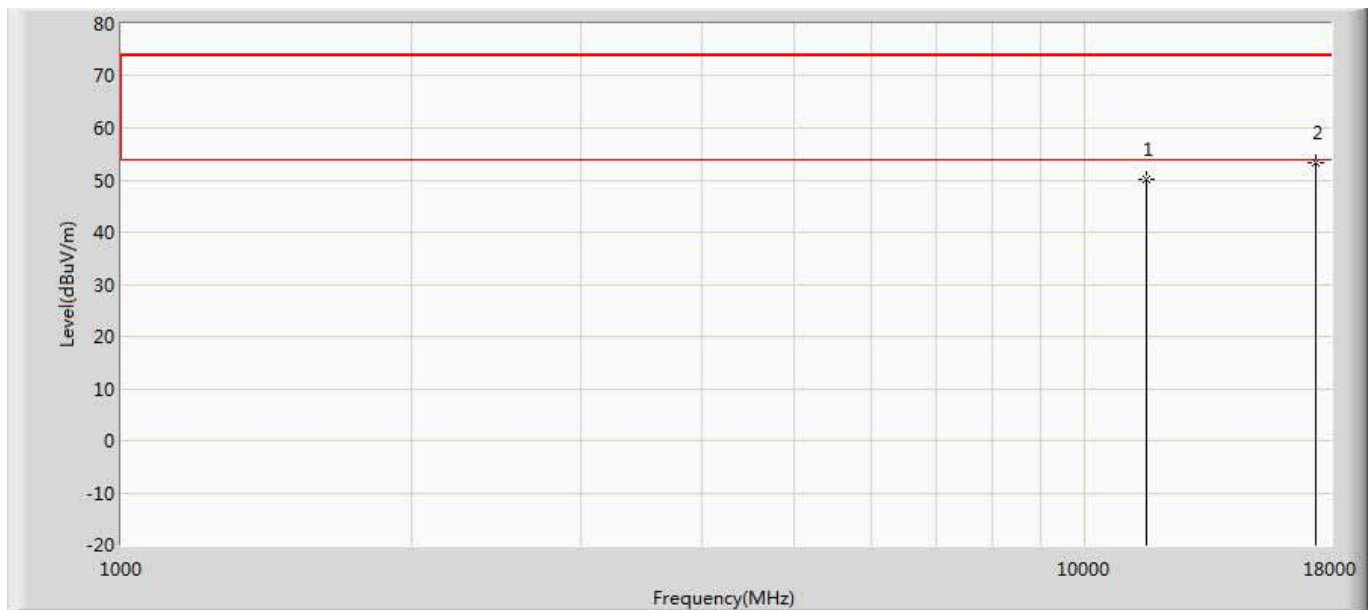
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	49.998	34.914	-24.002	74.000	15.084	PK
2	*	17235.000	52.915	33.436	-21.085	74.000	19.479	PK

Site:AC5	Time: 2017/06/06 - 14:06
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 4:Transmit at channel 5745MHz by 802.11ac20 ANT3	



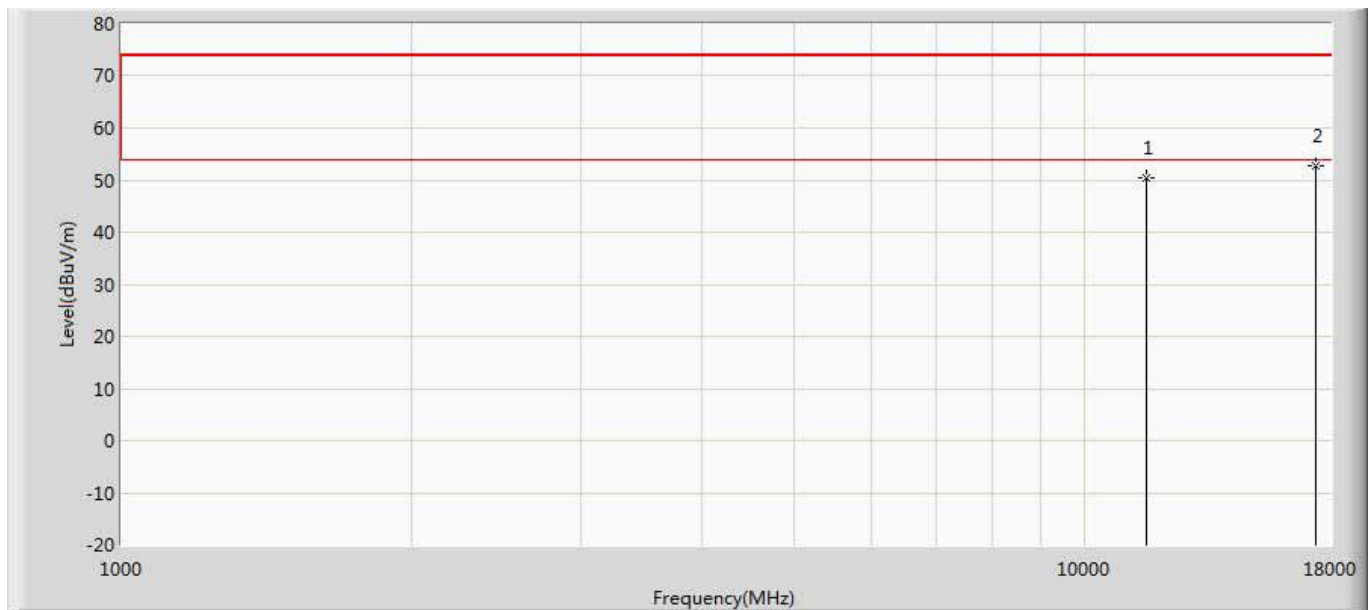
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	50.261	35.177	-23.739	74.000	15.084	PK
2	*	17235.000	53.102	33.623	-20.898	74.000	19.479	PK

Site:AC5	Time: 2017/06/06 - 14:22
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: Mode 4:Transmit at channel 5785MHz by 802.11ac20 ANT3	



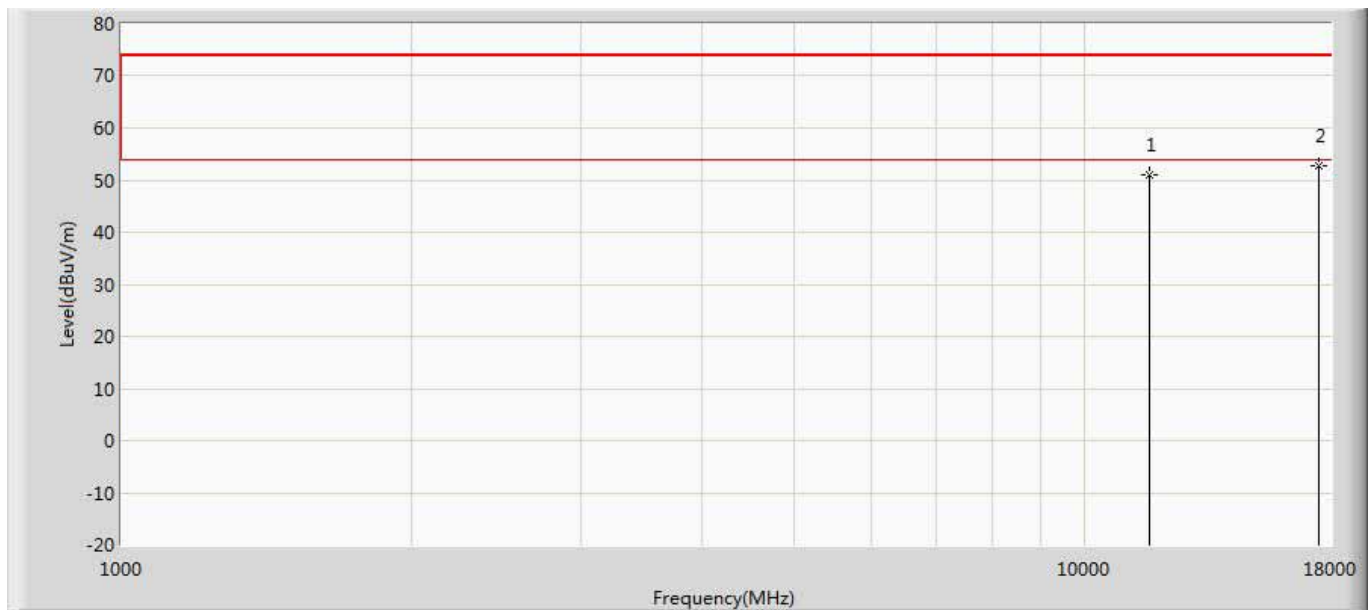
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.230	34.054	-23.770	74.000	16.177	PK
2	*	17355.000	53.301	32.717	-20.699	74.000	20.584	PK

Site:AC5	Time: 2017/06/06 - 14:23
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 4:Transmit at channel 5785MHz by 802.11ac20 ANT3	



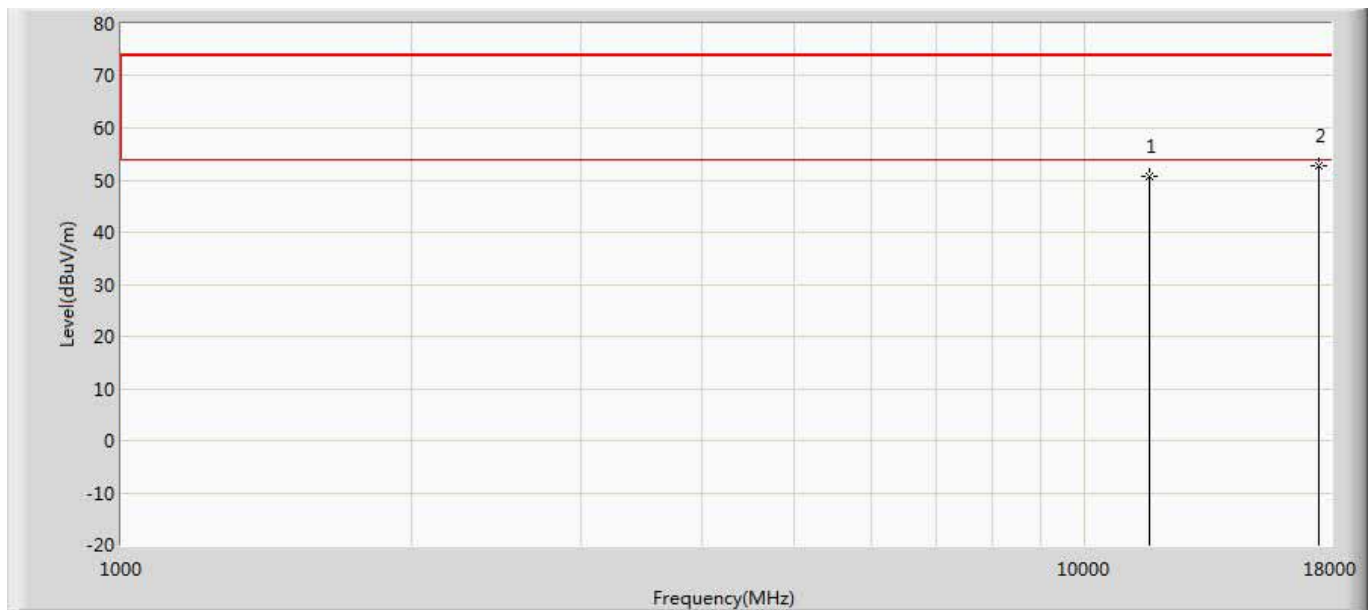
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.321	34.145	-23.679	74.000	16.177	PK
2	*	17355.000	52.698	32.114	-21.302	74.000	20.584	PK

Site:AC5	Time: 2017/06/06 - 14:24
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: Mode 4:Transmit at channel 5825MHz by 802.11ac20 ANT3	



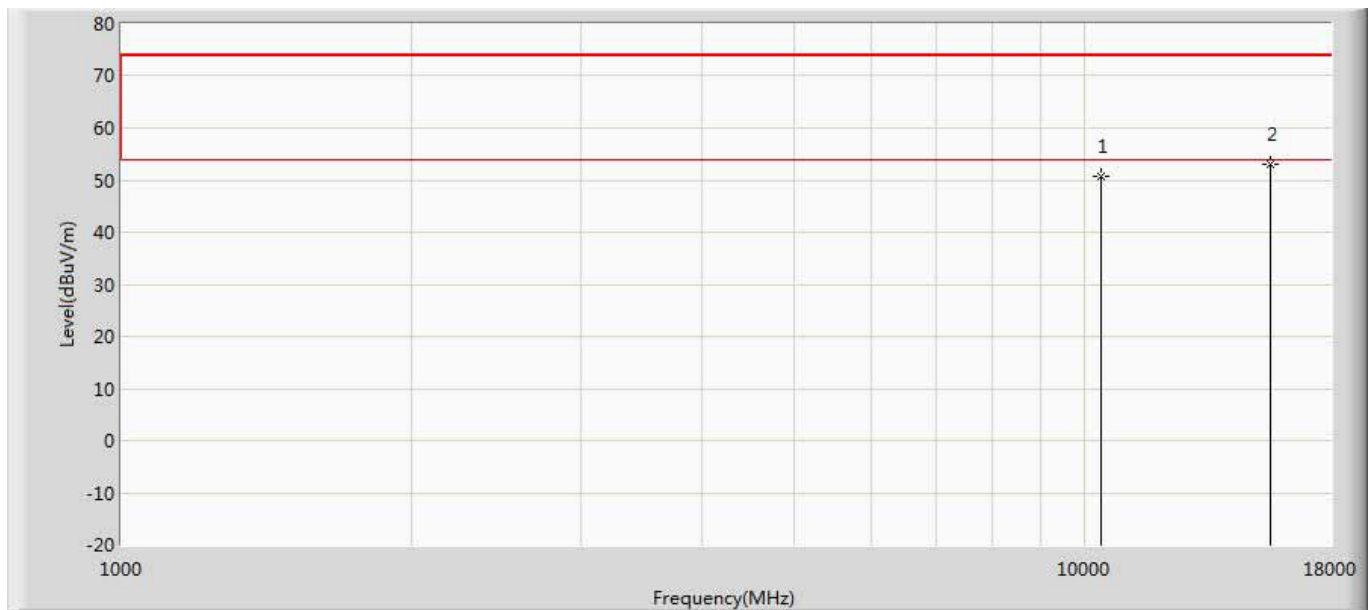
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.903	34.413	-23.097	74.000	16.490	PK
2	*	17475.000	52.652	32.445	-21.348	74.000	20.208	PK

Site:AC5	Time: 2017/06/06 - 14:28
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 4:Transmit at channel 5825MHz by 802.11ac20 ANT3	



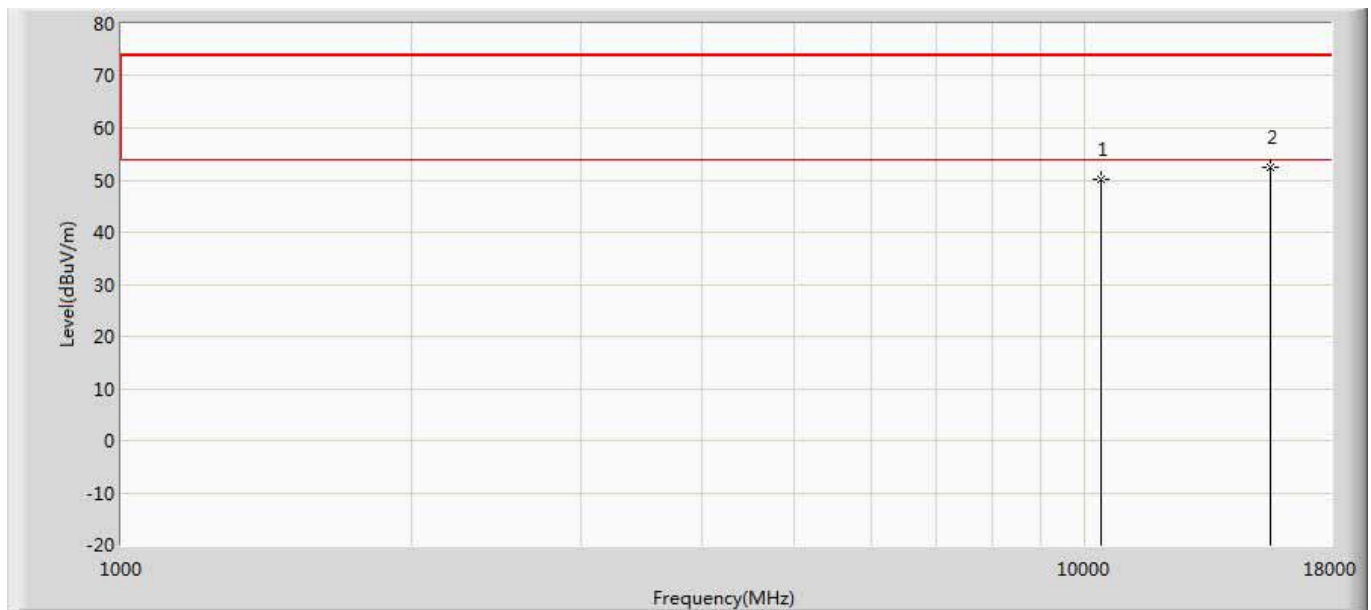
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.661	34.171	-23.339	74.000	16.490	PK
2	*	17475.000	52.685	32.478	-21.315	74.000	20.208	PK

Site:AC5	Time: 2017/06/06 - 15:26
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: Mode 5:Transmit at channel 5190MHz by 802.11ac40 ANT3	



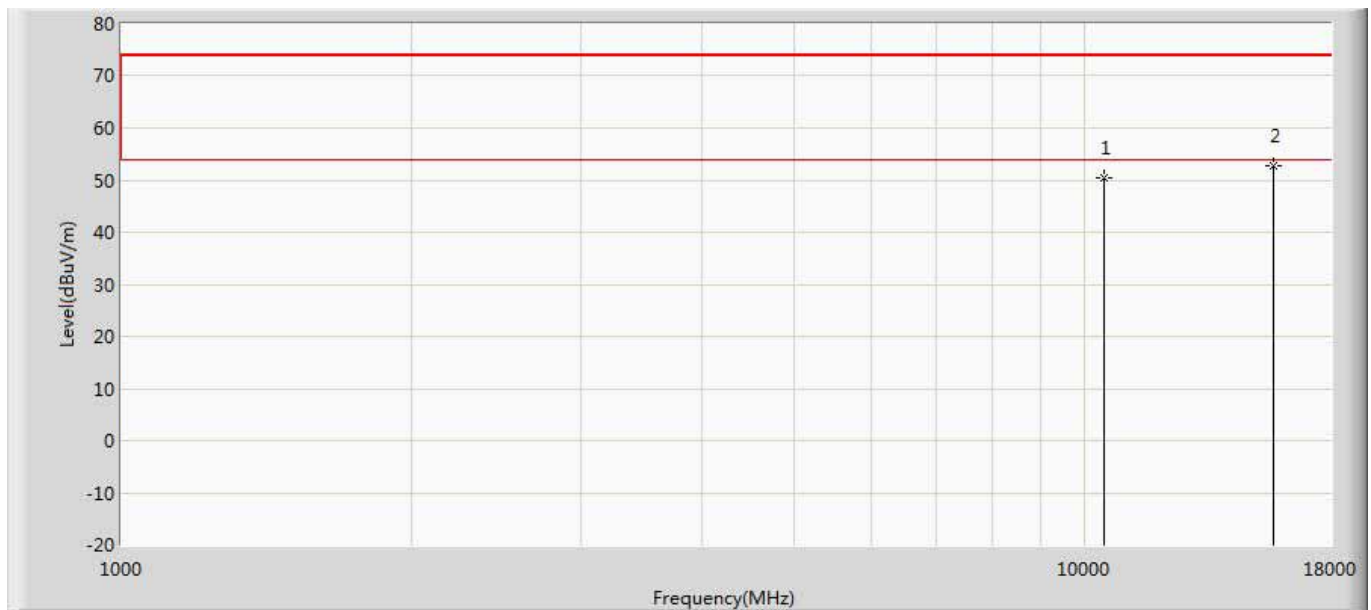
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.625	37.473	-23.375	74.000	13.152	PK
2	*	15570.000	52.951	33.410	-21.049	74.000	19.541	PK

Site:AC5	Time: 2017/06/06 - 15:27
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 5:Transmit at channel 5190MHz by 802.11ac40 ANT3	



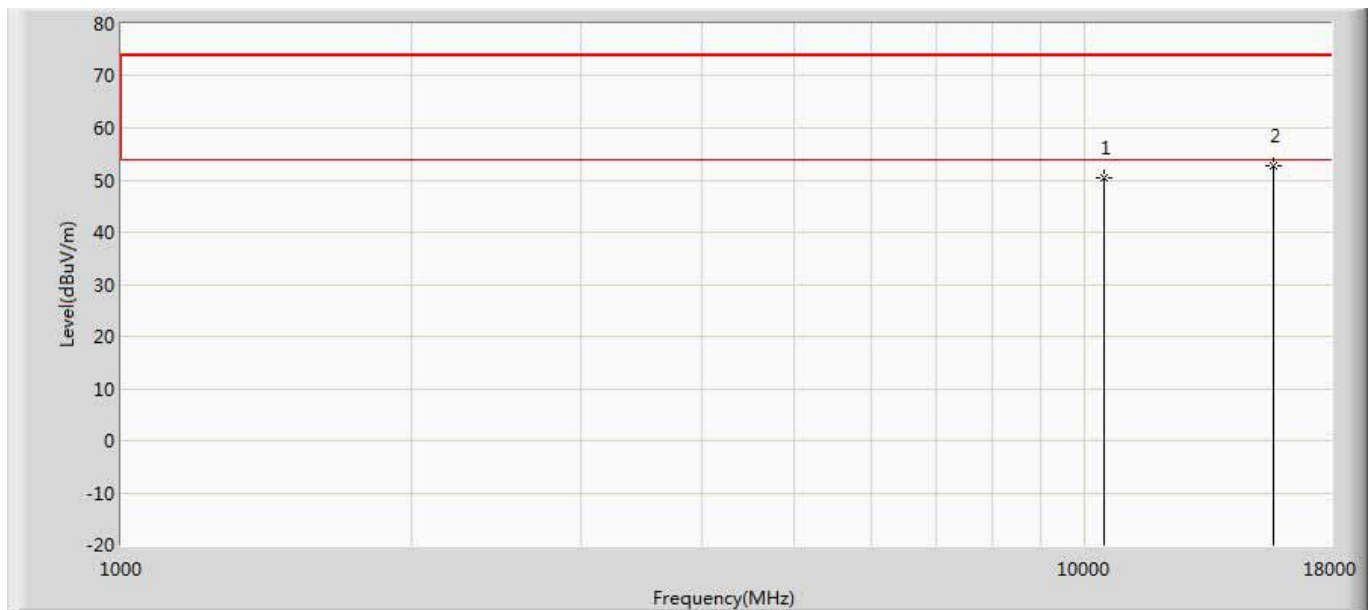
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.261	37.109	-23.739	74.000	13.152	PK
2	*	15570.000	52.358	32.817	-21.642	74.000	19.541	PK

Site:AC5	Time: 2017/06/06 - 15:29
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: Mode 5:Transmit at channel 5230MHz by 802.11ac40 ANT3	



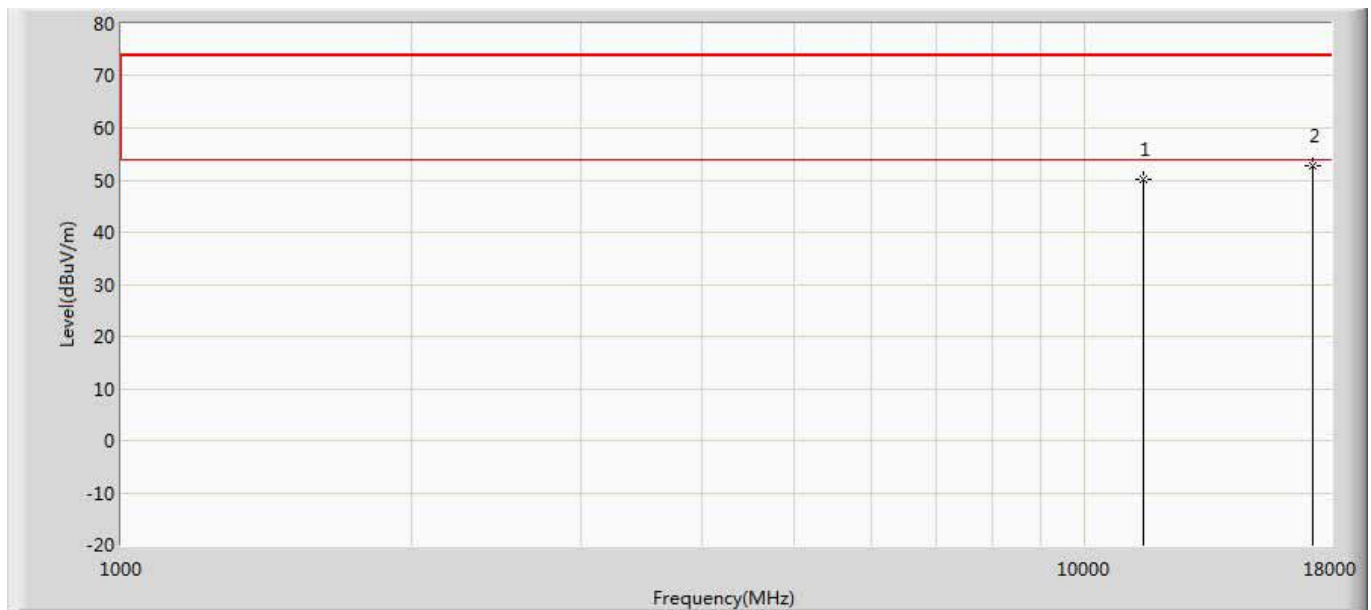
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.361	36.916	-23.639	74.000	13.445	PK
2	*	15690.000	52.681	32.372	-21.319	74.000	20.309	PK

Site:AC5	Time: 2017/06/06 - 15:30
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 5:Transmit at channel 5230MHz by 802.11ac40 ANT3	



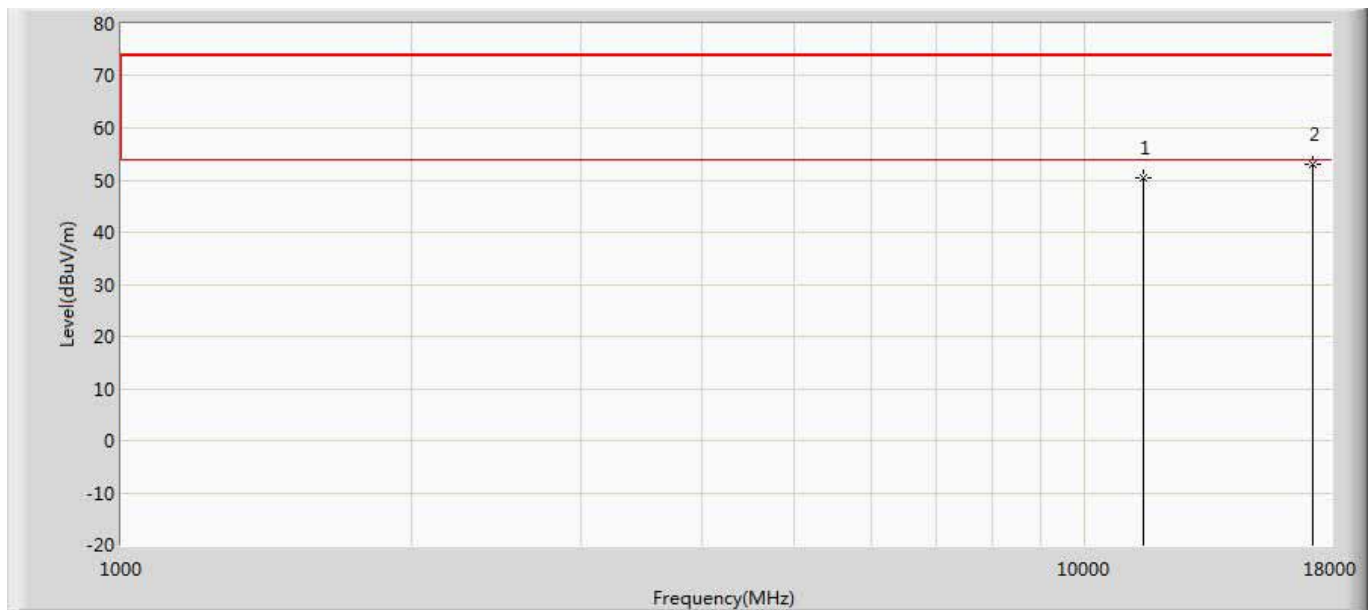
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.364	36.919	-23.636	74.000	13.445	PK
2	*	15690.000	52.628	32.319	-21.372	74.000	20.309	PK

Site:AC5	Time: 2017/06/06 - 15:51
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: Mode 5:Transmit at channel 5755MHz by 802.11ac40 ANT3	



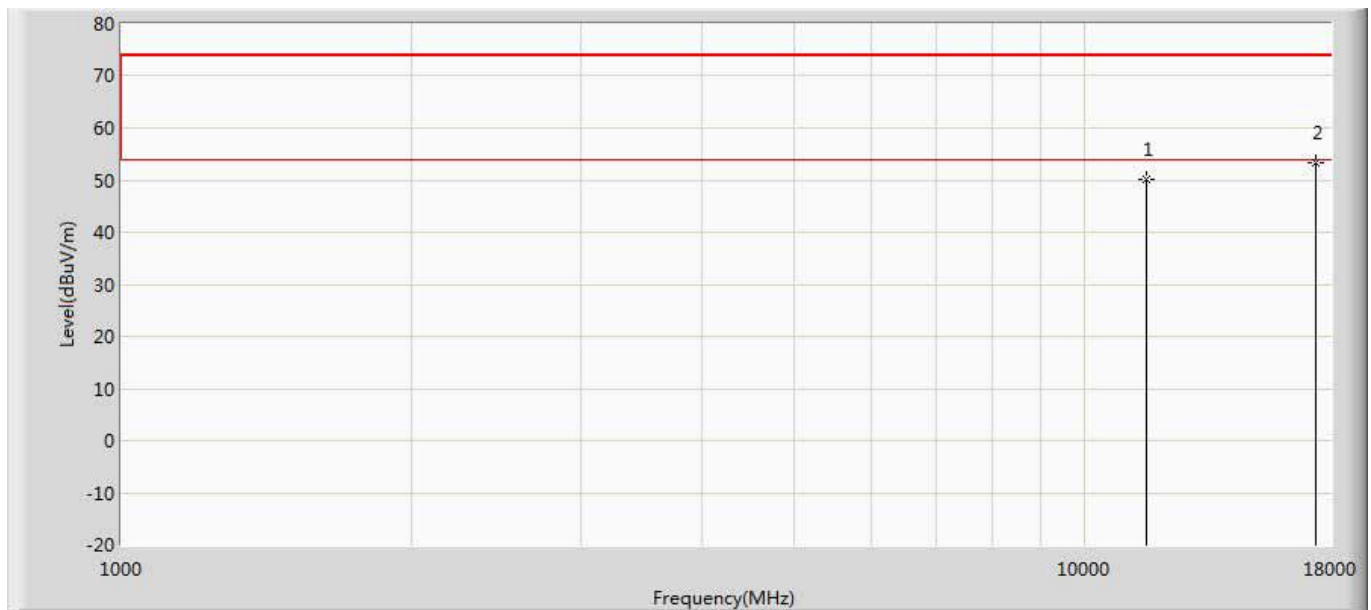
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.239	34.552	-23.761	74.000	15.687	PK
2	*	17265.000	52.691	32.043	-21.309	74.000	20.647	PK

Site:AC5	Time: 2017/06/06 - 15:51
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 5:Transmit at channel 5755MHz by 802.11ac40 ANT3	



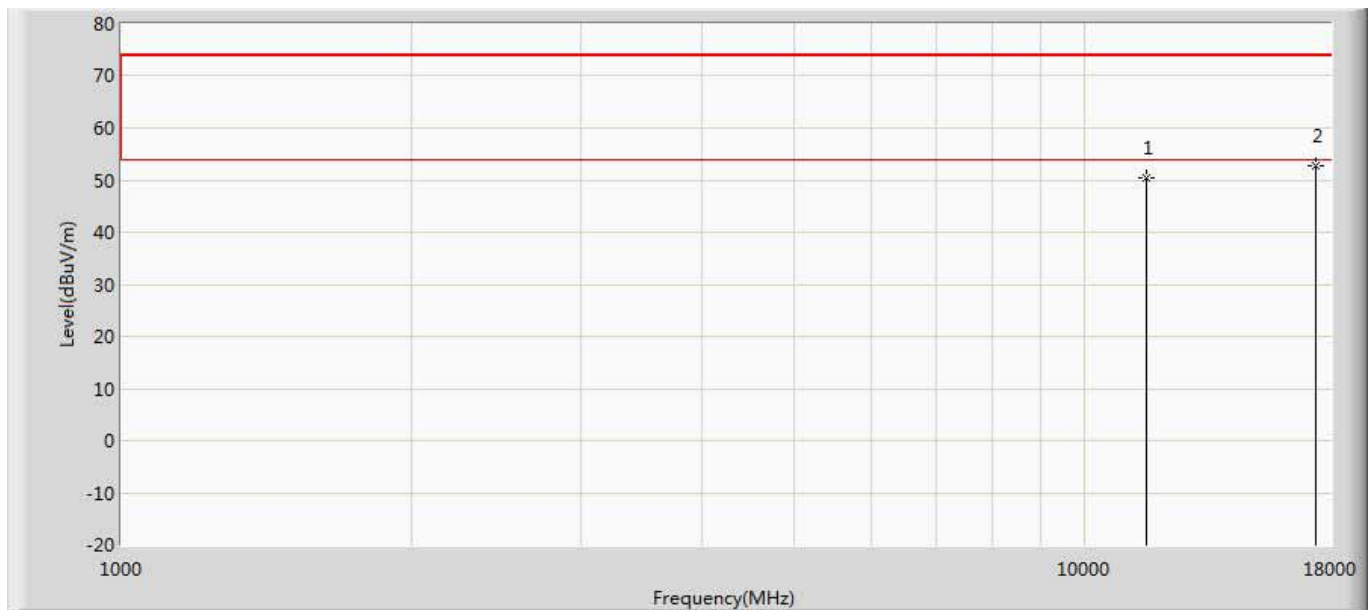
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.325	34.638	-23.675	74.000	15.687	PK
2	*	17265.000	53.043	32.395	-20.957	74.000	20.647	PK

Site:AC5	Time: 2017/06/06 - 15:52
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: Mode 5:Transmit at channel 5795MHz by 802.11ac40 ANT3	



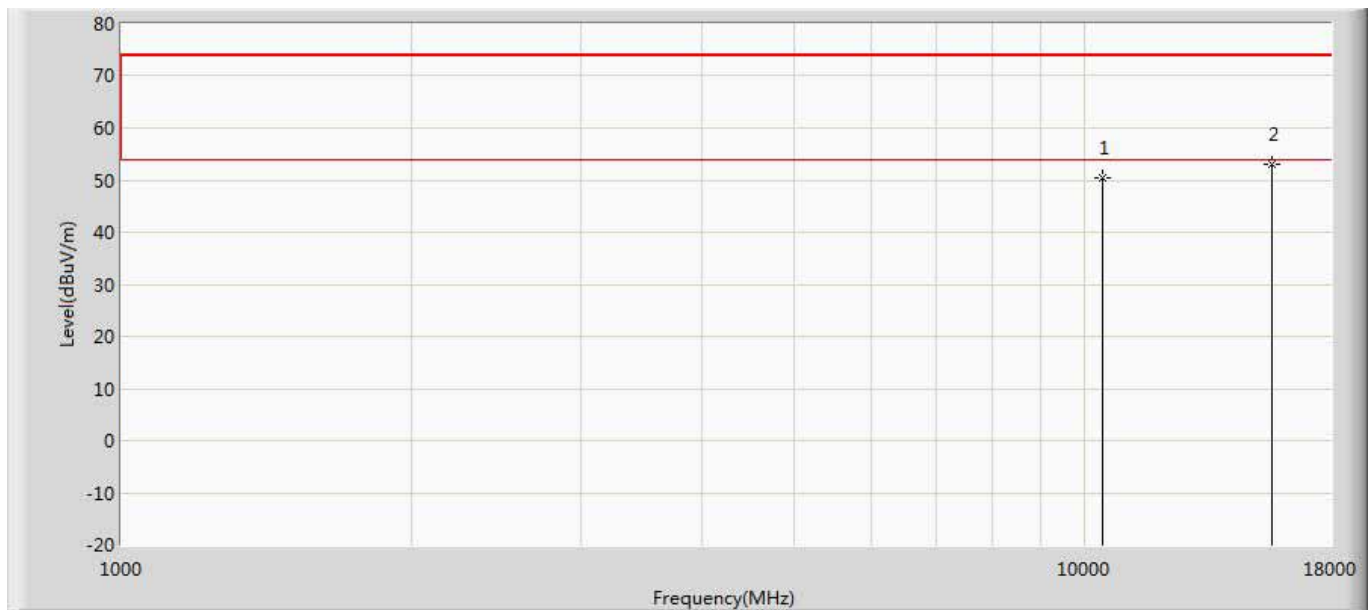
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.262	33.876	-23.738	74.000	16.385	PK
2	*	17385.000	53.215	32.623	-20.785	74.000	20.592	PK

Site:AC5	Time: 2017/06/06 - 15:53
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: Mode 5:Transmit at channel 5795MHz by 802.11ac40 ANT3	



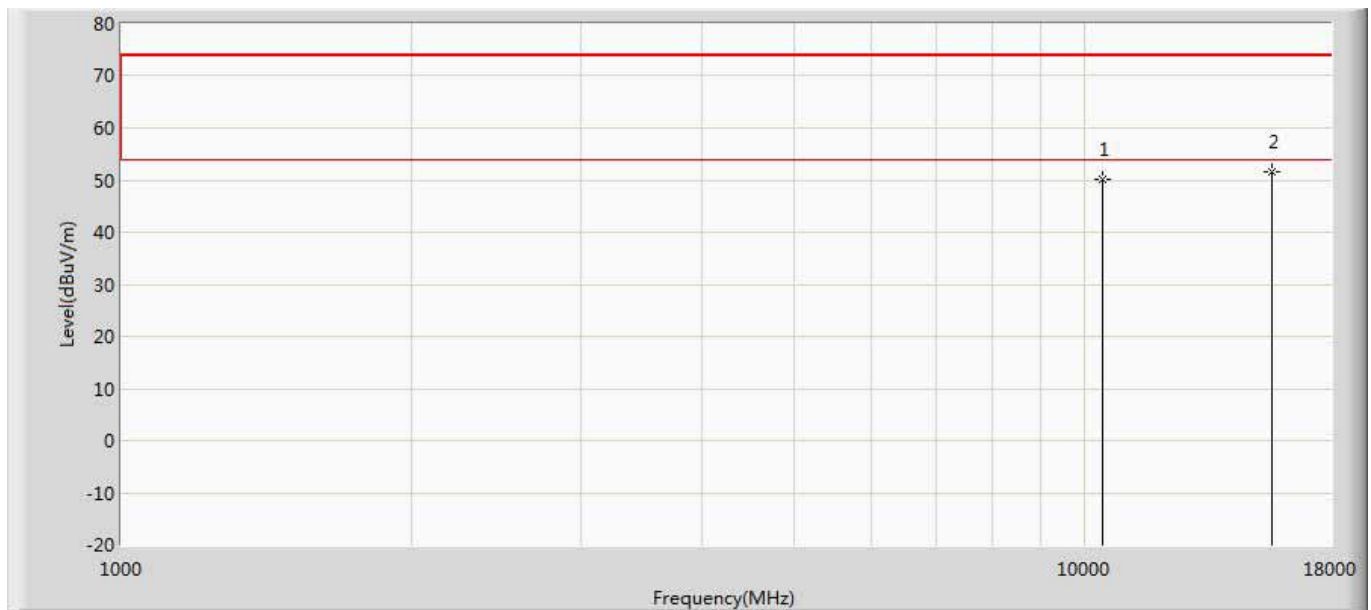
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.462	34.076	-23.538	74.000	16.385	PK
2	*	17385.000	52.691	32.099	-21.309	74.000	20.592	PK

Site:AC5	Time: 2017/06/06 - 15:54
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: Mode 6:Transmit at channel 5210MHz by 802.11ac80 ANT3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	50.332	37.266	-23.668	74.000	13.065	PK
2	*	15630.000	53.010	33.430	-20.990	74.000	19.581	PK

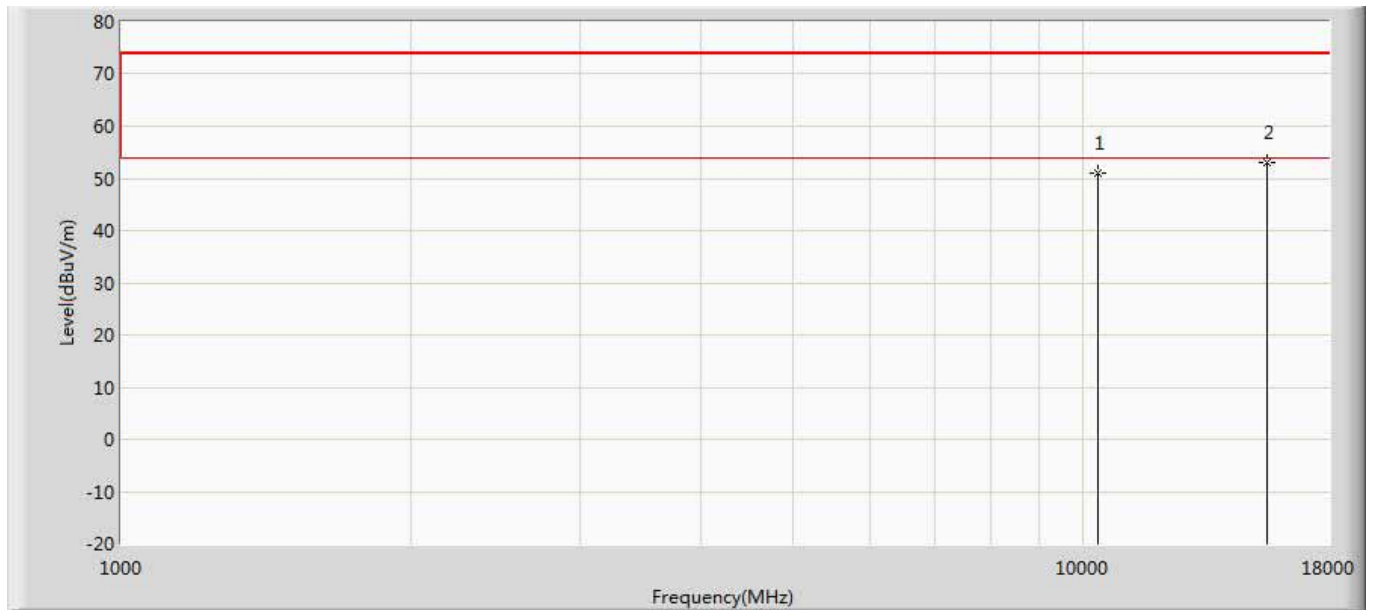
Site:AC5	Time: 2017/06/06 - 15:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 6:Transmit at channel 5210MHz by 802.11ac80 ANT3	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	50.253	37.187	-23.747	74.000	13.065	PK
2	*	15630.000	51.632	32.052	-22.368	74.000	19.581	PK

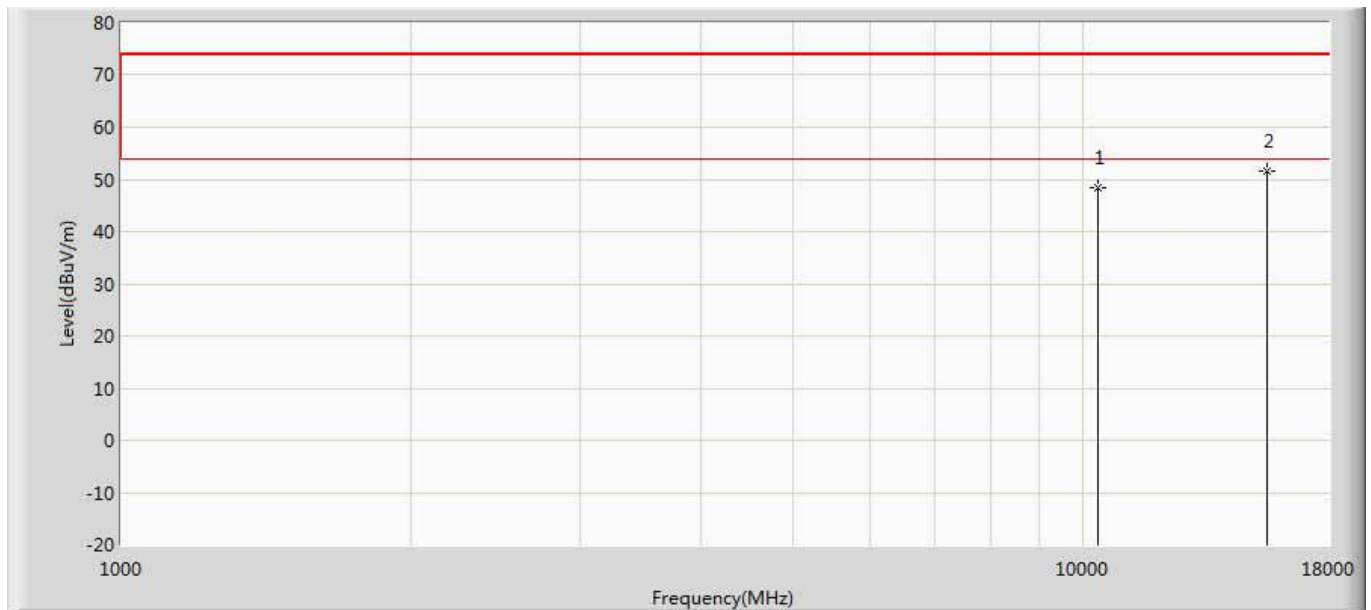
CDD

Site: AC5	Time: 2017/06/09- 14:25
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: Mode 7:Transmit at channel 5180MHz by 802.11a	



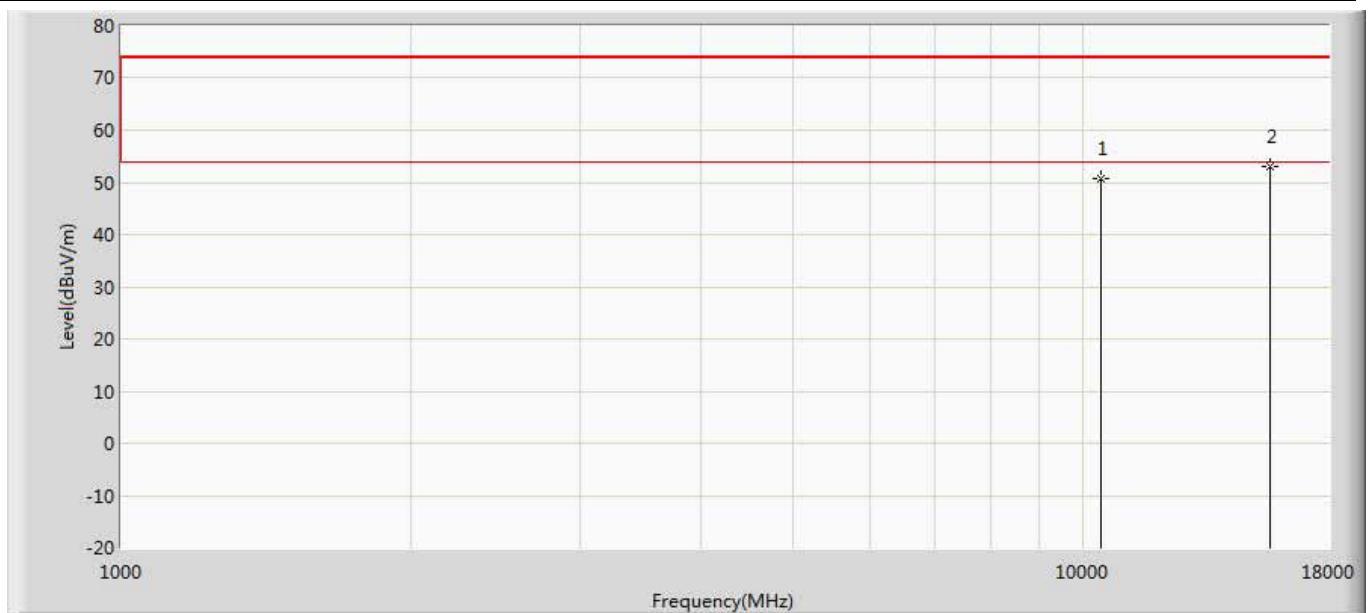
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.916	37.569	-23.084	74.000	13.347	PK
2	*	15540.000	53.001	34.523	-20.999	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:28
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 7:Transmit at channel 5180MHz by 802.11a	



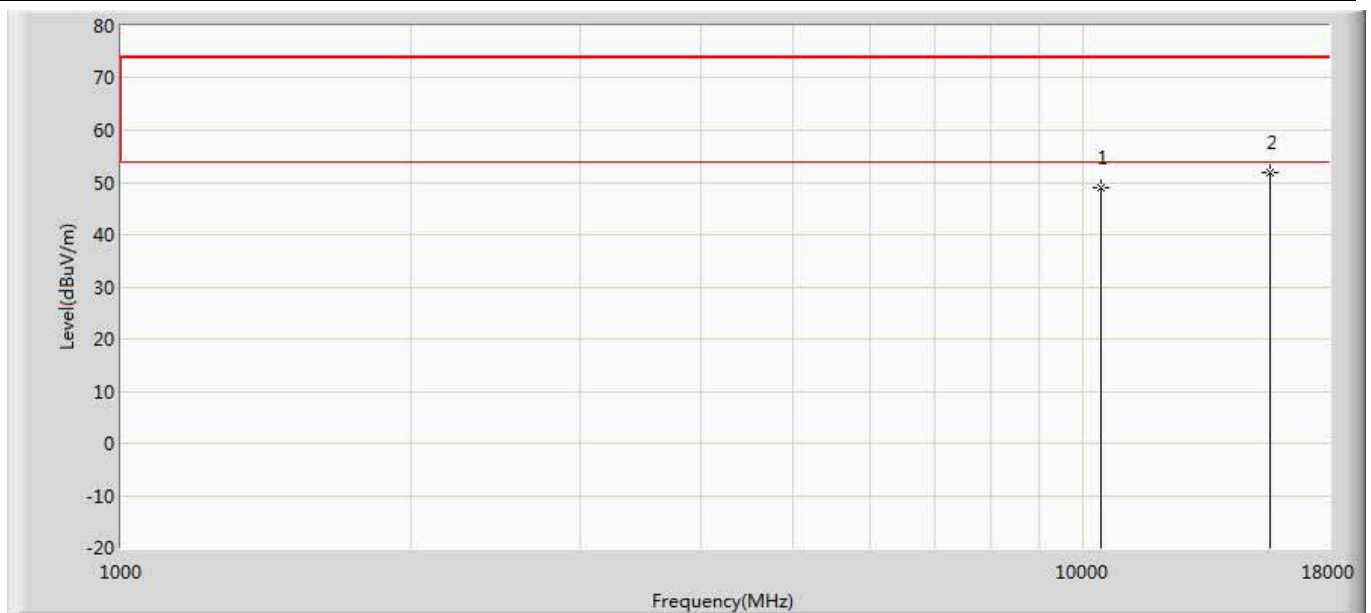
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	48.472	35.125	-25.528	74.000	13.347	PK
2	*	15540.000	51.736	33.258	-22.264	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:30
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: Mode 7:Transmit at channel 5220MHz by 802.11a	



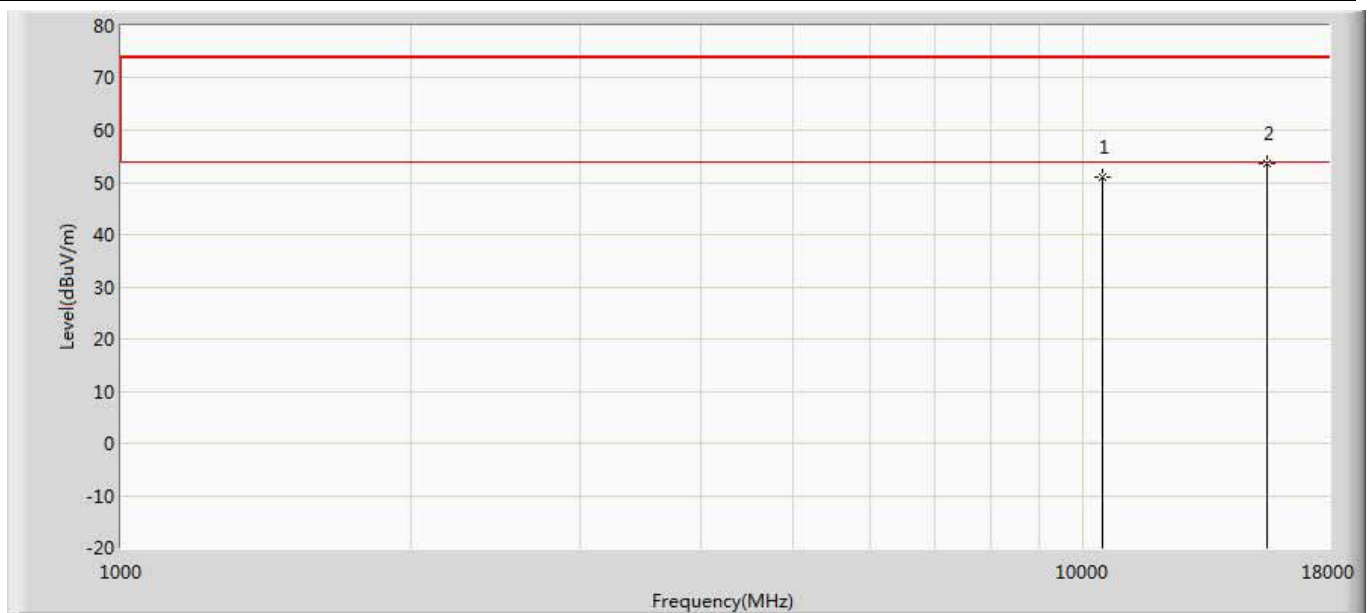
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.802	37.021	-23.198	74.000	13.781	PK
2	*	15660.000	53.167	34.589	-20.833	74.000	18.578	PK

Site: AC5	Time: 2017/06/09- 14:46
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 7:Transmit at channel 5220MHz by 802.11a	



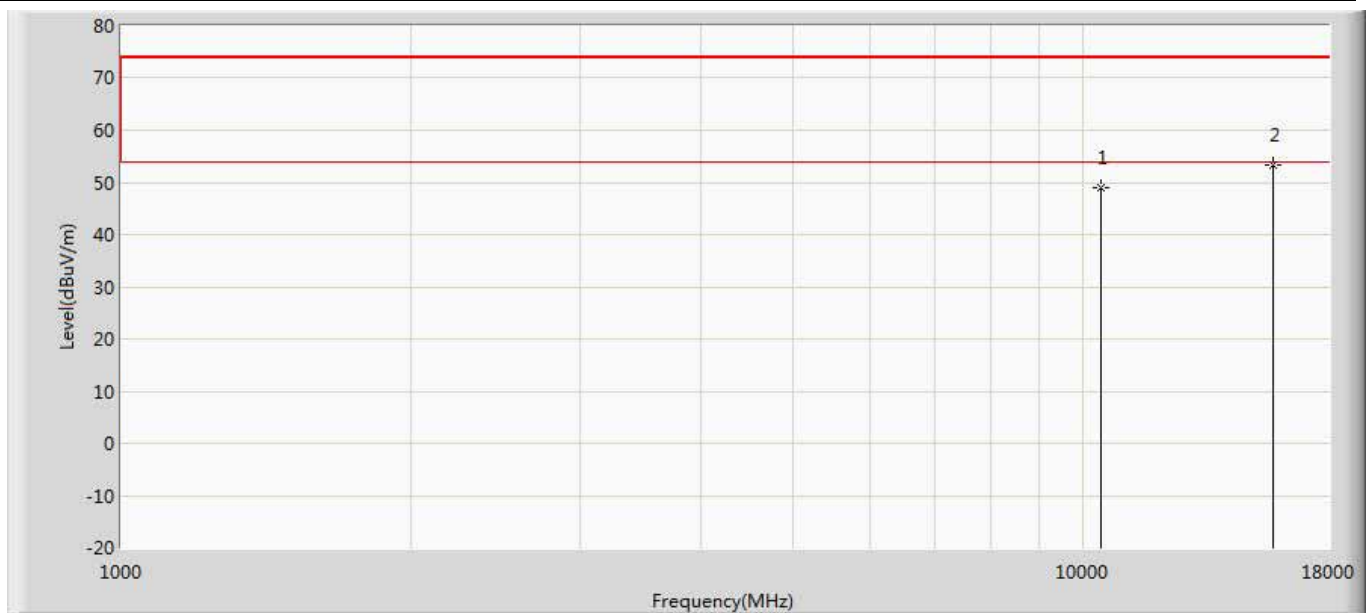
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	49.046	35.265	-24.954	74.000	13.781	PK
2	*	15660.000	51.834	33.256	-22.166	74.000	18.578	PK

Site: AC5	Time: 2017/06/09- 14:47
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: Mode 7:Transmit at channel 5240MHz by 802.11a	



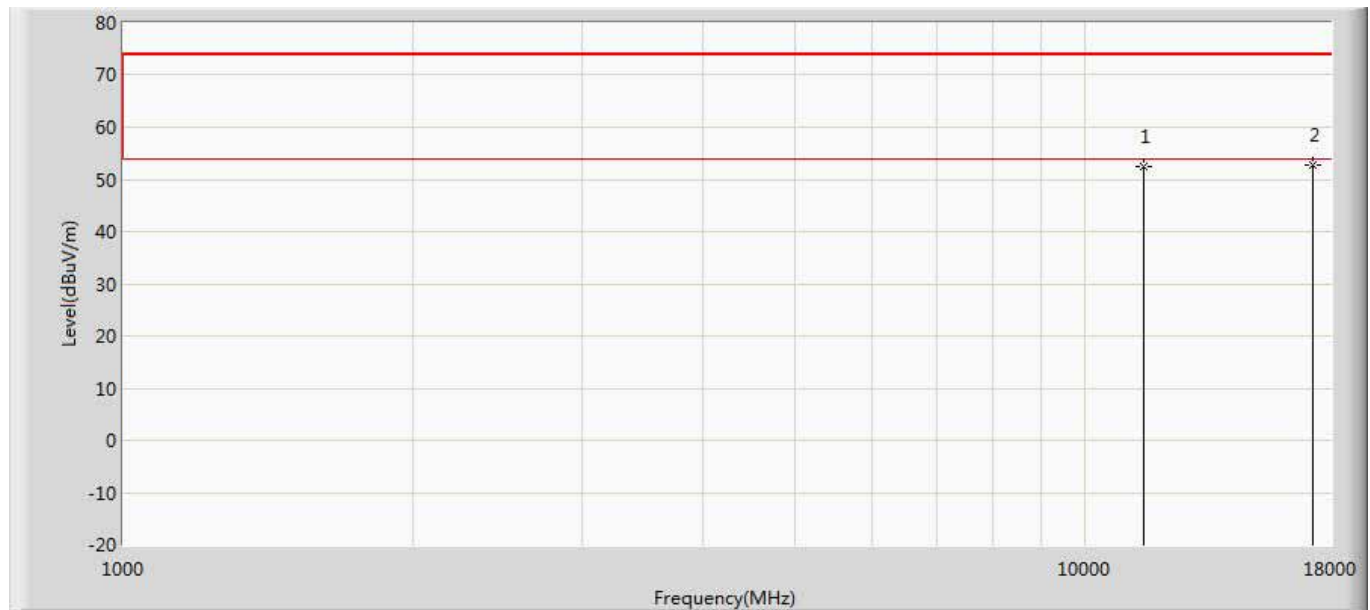
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.142	37.589	-22.858	74.000	13.552	PK
2	*	15540.000	53.726	35.248	-20.274	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:47
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 7:Transmit at channel 5240MHz by 802.11a	



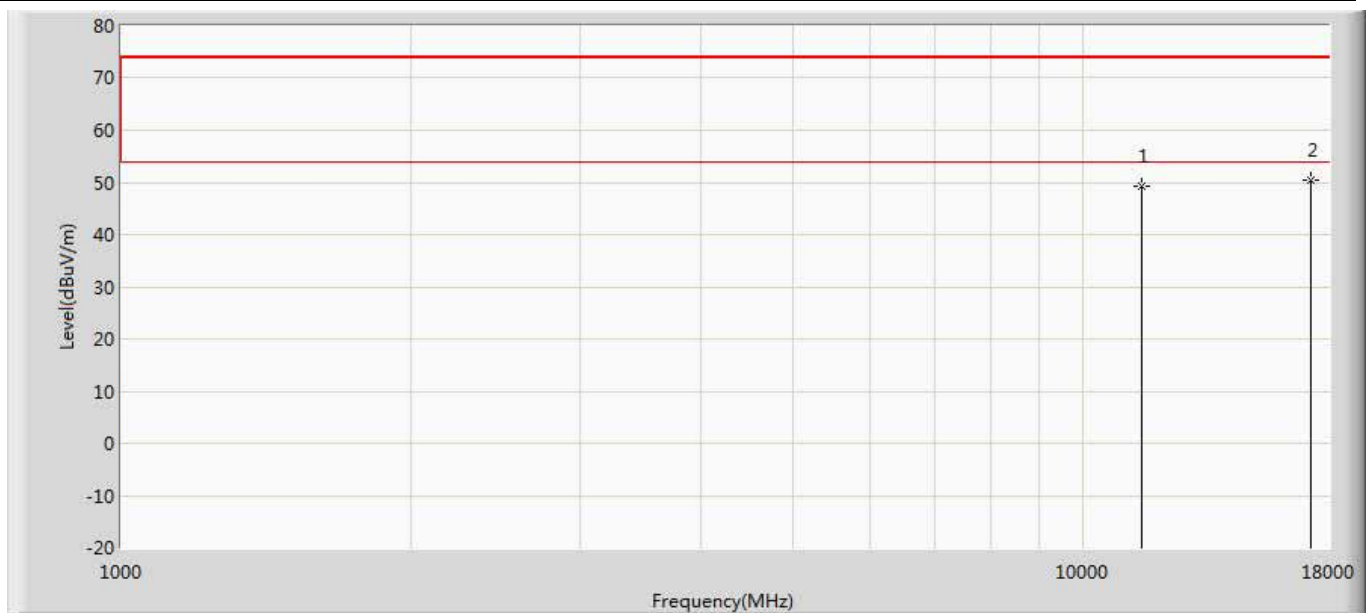
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	49.040	35.259	-24.960	74.000	13.781	PK
2	*	15720.000	53.399	33.125	-20.601	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 11:08
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: Mode 7:Transmit at channel 5745MHz by 802.11a	



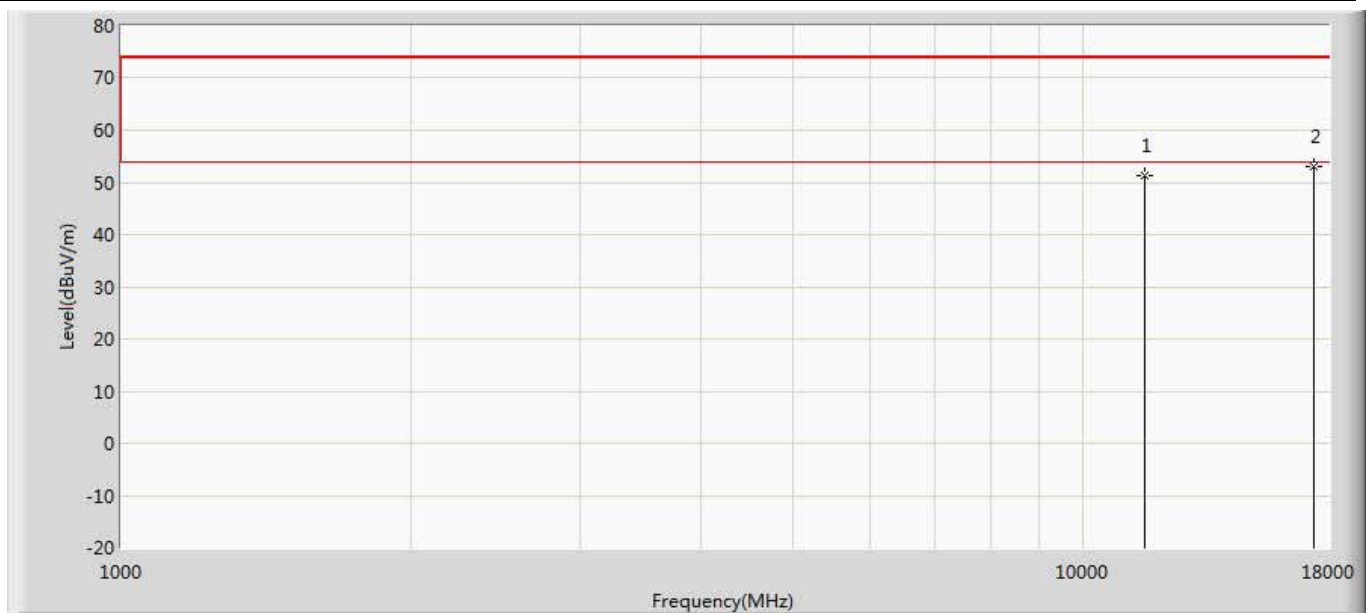
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	52.607	37.523	-21.393	74.000	15.084	PK
2	*	17235.000	52.720	33.241	-21.280	74.000	19.479	PK

Site: AC5	Time: 2017/06/05 - 11:08
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 7:Transmit at channel 5745MHz by 802.11a	



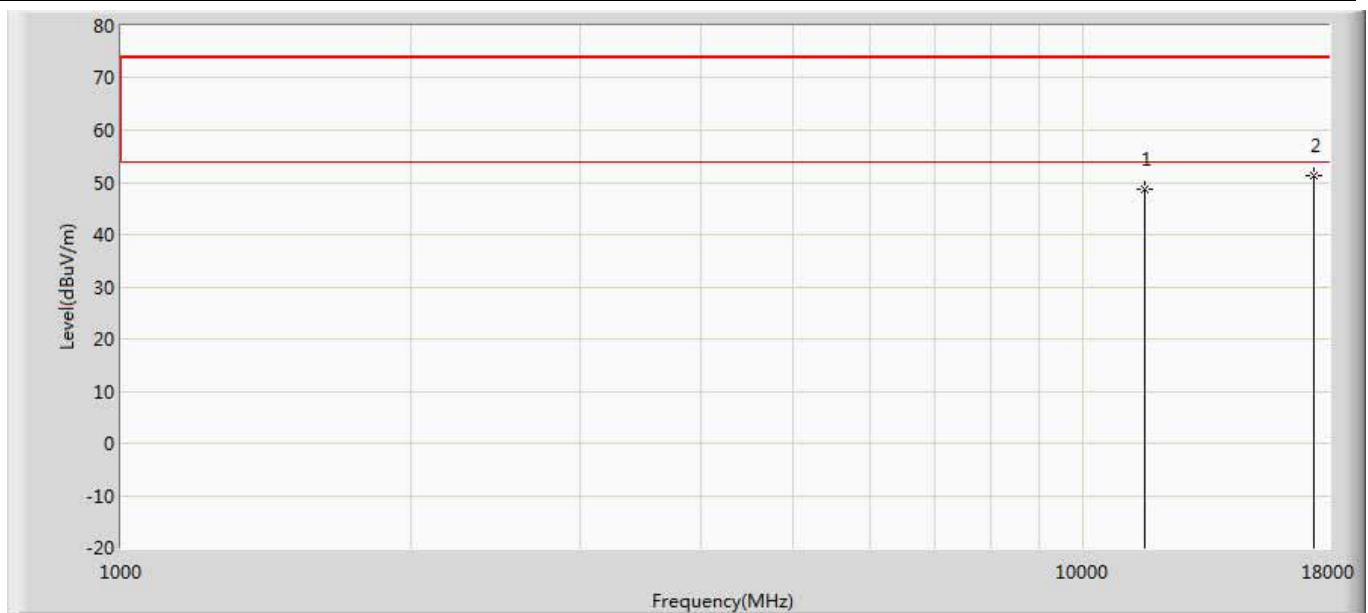
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	49.342	34.258	-24.658	74.000	15.084	PK
2	*	17235.000	50.504	31.025	-23.496	74.000	19.479	PK

Site: AC5	Time: 2017/06/05 - 11:09
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: Mode 7:Transmit at channel 5785MHz by 802.11a	



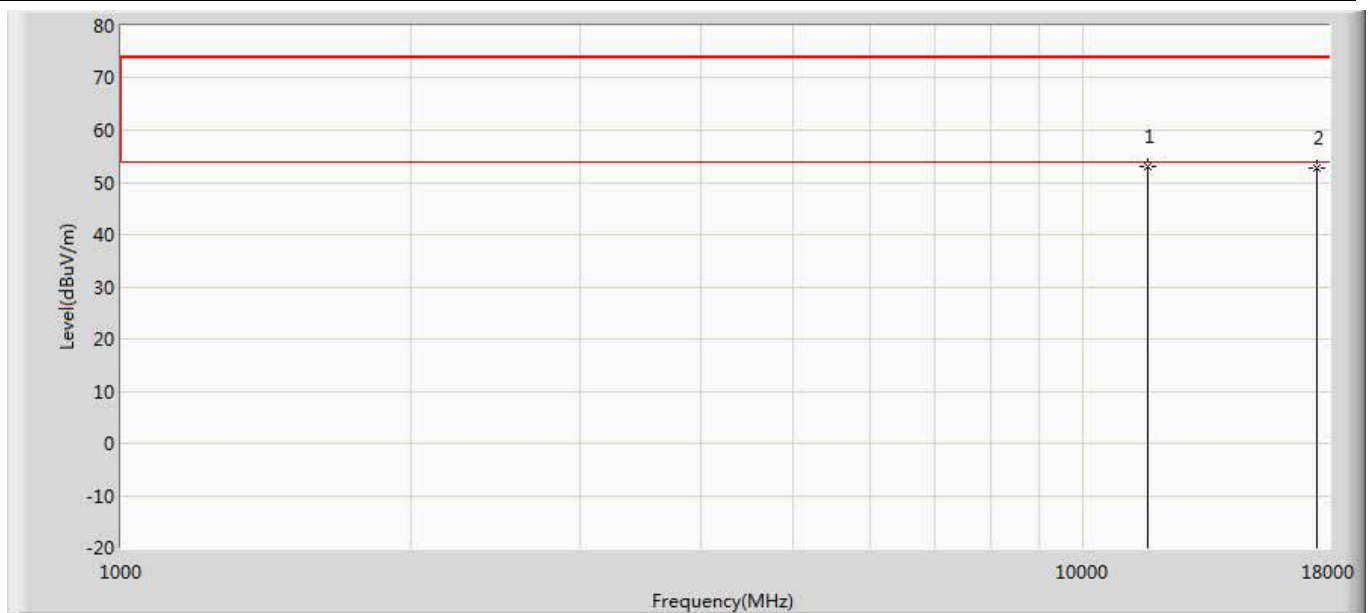
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	51.432	35.256	-22.568	74.000	16.177	PK
2	*	17355.000	53.153	32.569	-20.847	74.000	20.584	PK

Site: AC5	Time: 2017/06/05 - 11:09
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: Mode 7:Transmit at channel 5785MHz by 802.11a	



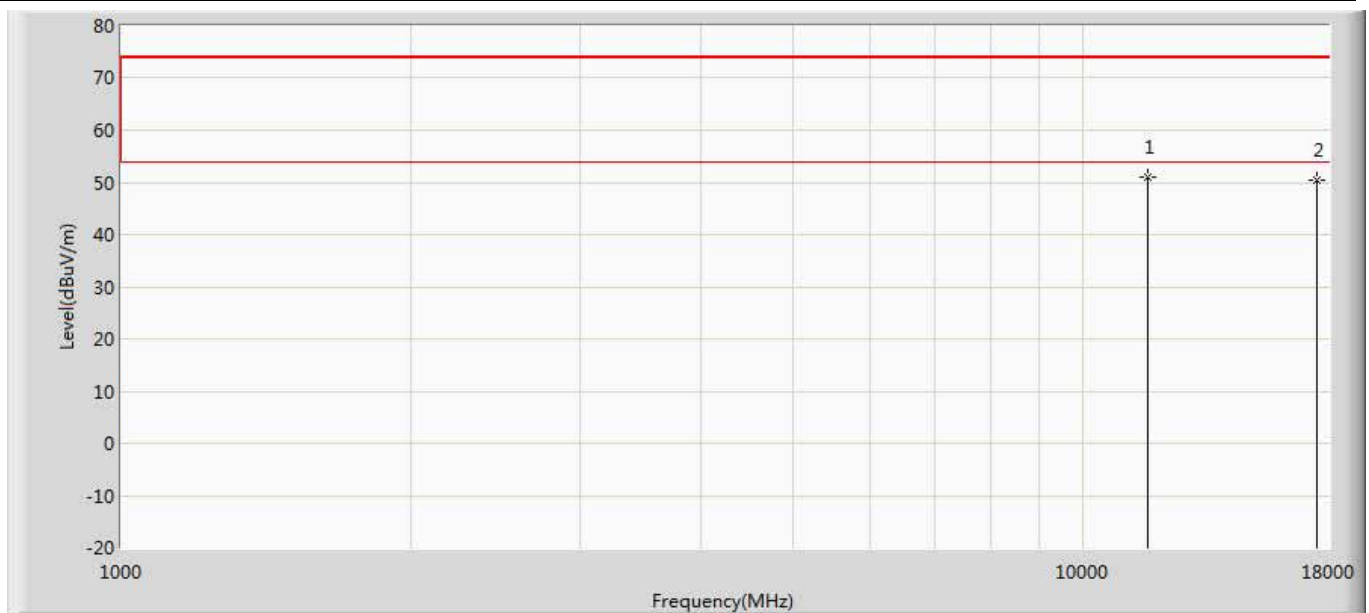
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.723	32.547	-25.277	74.000	16.177	PK
2	*	17355.000	51.268	30.684	-22.732	74.000	20.584	PK

Site: AC5	Time: 2017/06/05 - 11:10
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: Mode 7:Transmit at channel 5825MHz by 802.11a	



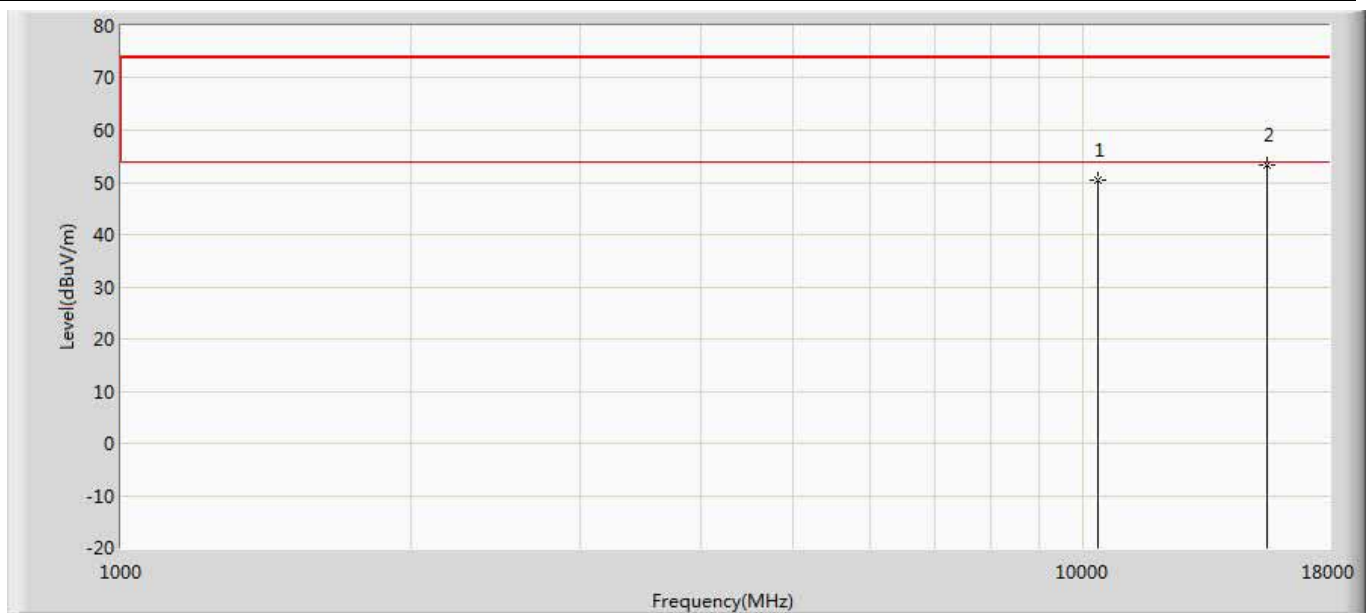
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.026	36.536	-20.974	74.000	16.490	PK
2		17475.000	52.753	32.546	-21.247	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 11:10
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 7:Transmit at channel 5825MHz by 802.11a	



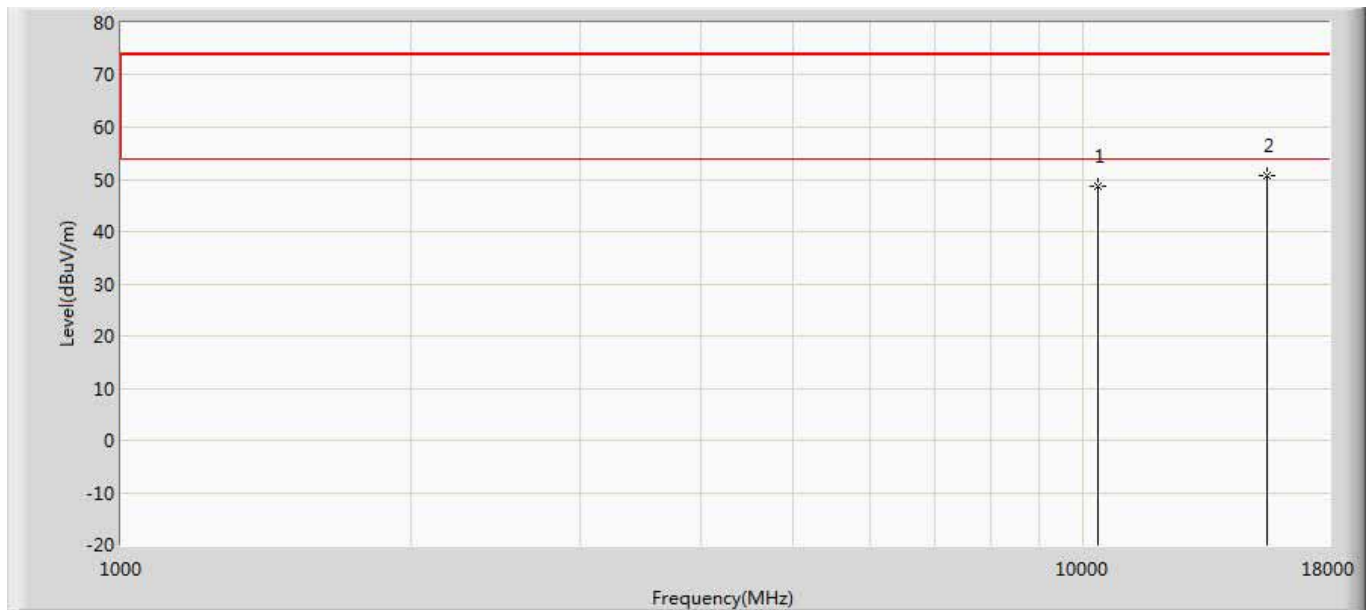
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	51.077	34.587	-22.923	74.000	16.490	PK
2		17475.000	50.350	30.143	-23.650	74.000	20.208	PK

Site: AC5	Time: 2017/06/09- 14:49
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: Mode 8:Transmit at channel 5180MHz by 802.11n20	



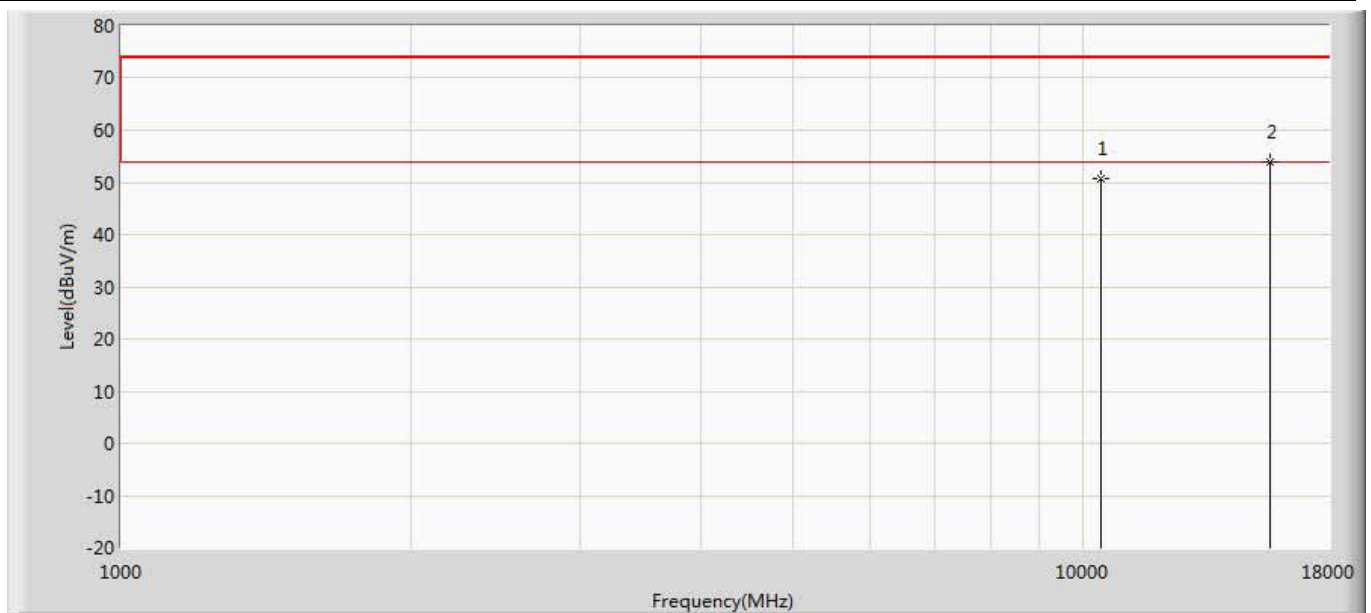
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.358	37.011	-23.642	74.000	13.347	PK
2	*	15540.000	53.338	34.860	-20.662	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:50
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 8:Transmit at channel 5180MHz by 802.11n20	



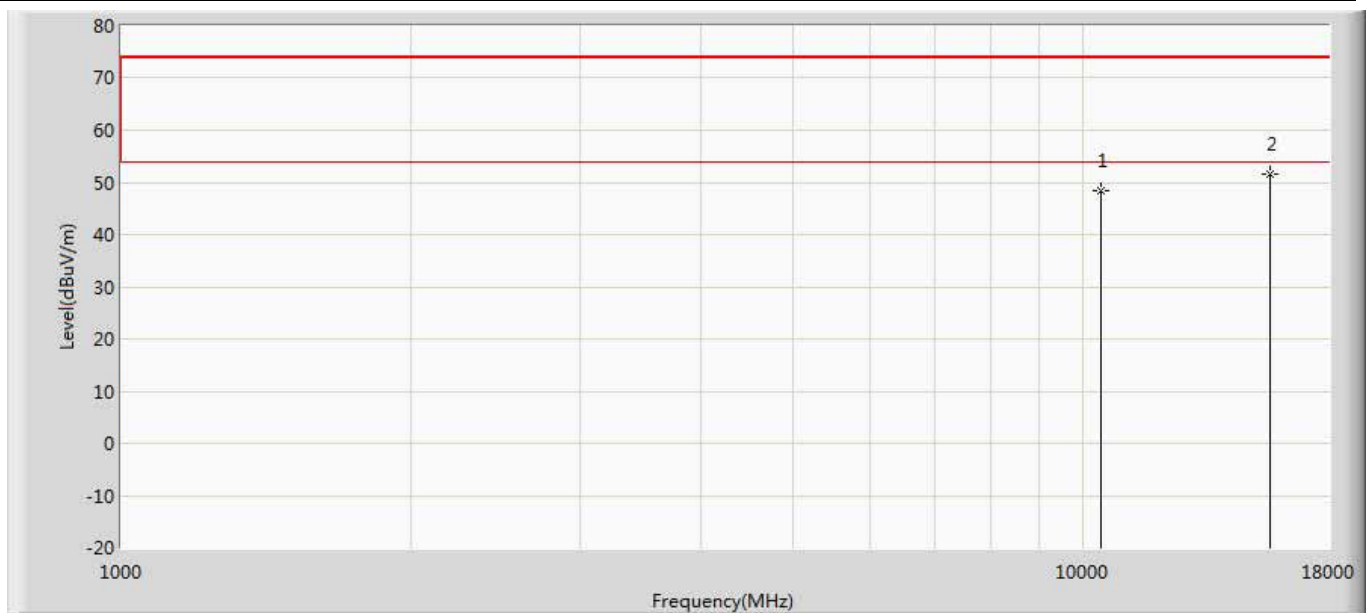
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	48.557	35.210	-25.443	74.000	13.347	PK
2	*	15540.000	50.636	32.158	-23.364	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:50
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: Mode 8:Transmit at channel 5220MHz by 802.11n20	



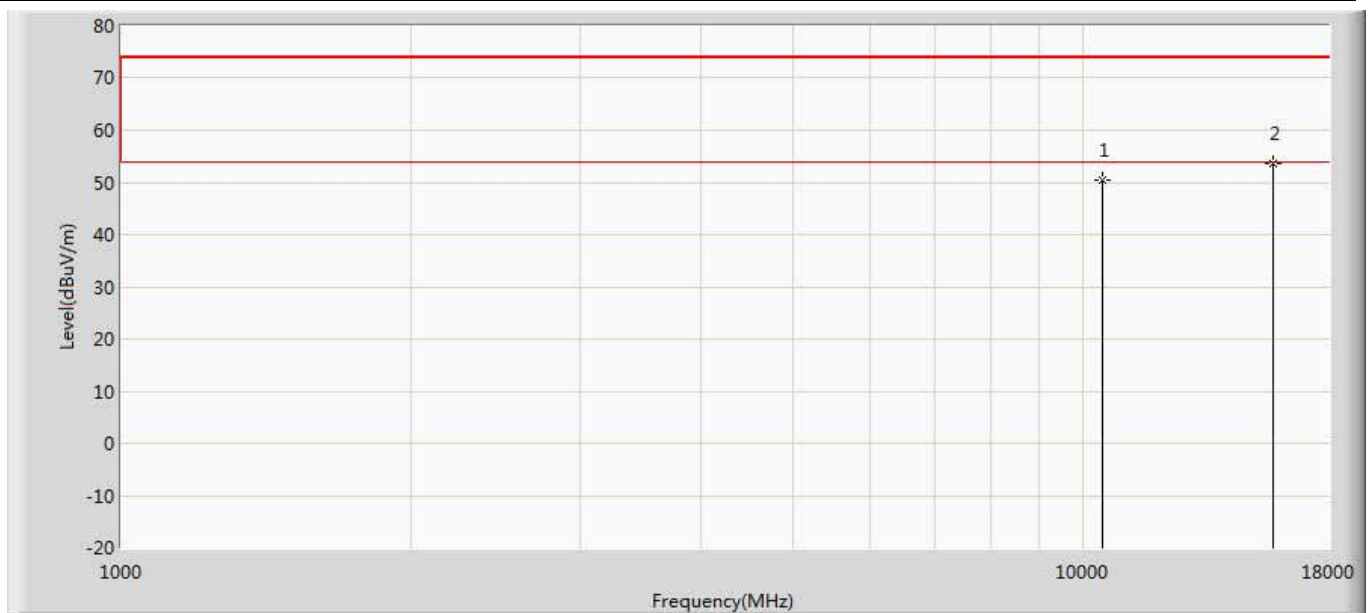
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.766	36.985	-23.234	74.000	13.781	PK
2	*	15660.000	53.988	35.410	-20.012	74.000	18.578	PK

Site: AC5	Time: 2017/06/09- 14:50
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 8:Transmit at channel 5220MHz by 802.11n20	



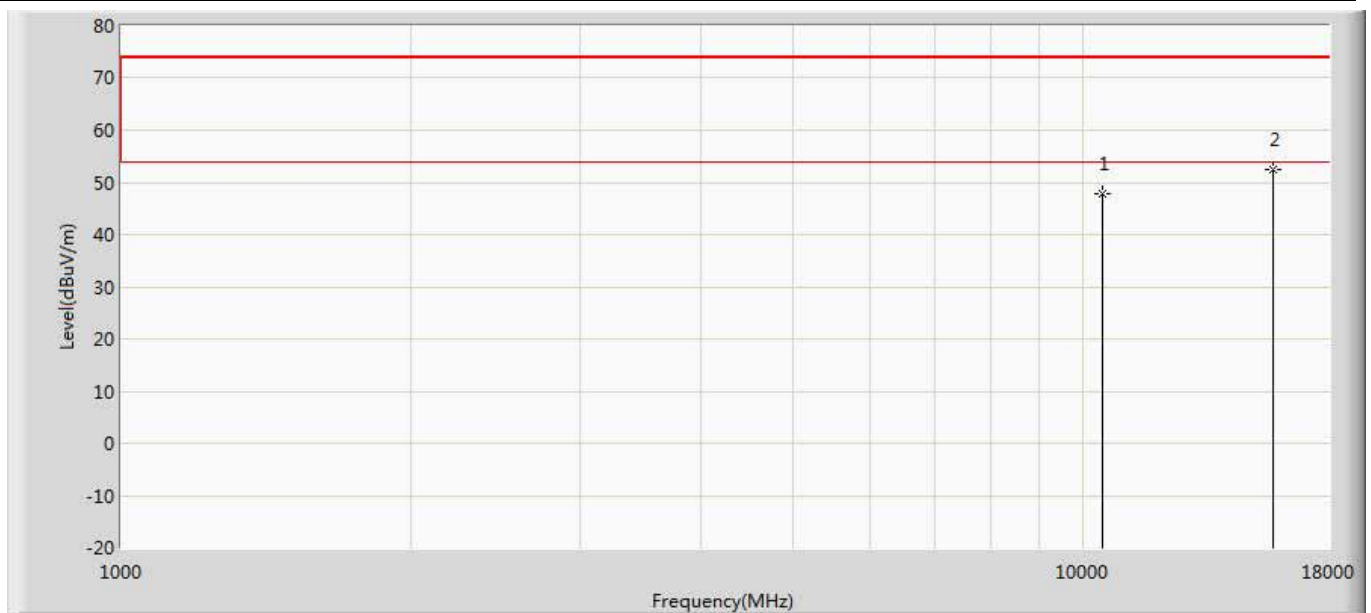
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	48.307	34.526	-25.693	74.000	13.781	PK
2	*	15660.000	51.702	33.124	-22.298	74.000	18.578	PK

Site: AC5	Time: 2017/06/09- 14:51
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: Mode 8:Transmit at channel 5240MHz by 802.11n20	



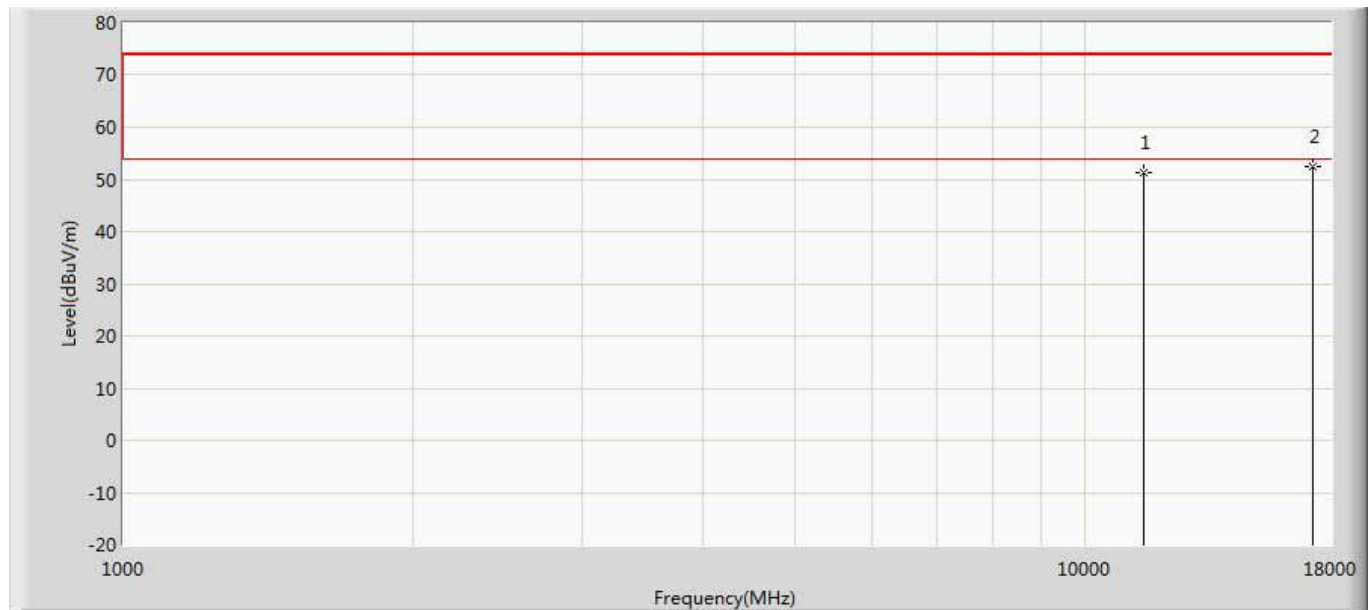
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.342	36.789	-23.658	74.000	13.552	PK
2	*	15720.000	53.532	33.258	-20.468	74.000	20.274	PK

Site: AC5	Time: 2017/06/09- 14:52
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 8:Transmit at channel 5240MHz by 802.11n20	



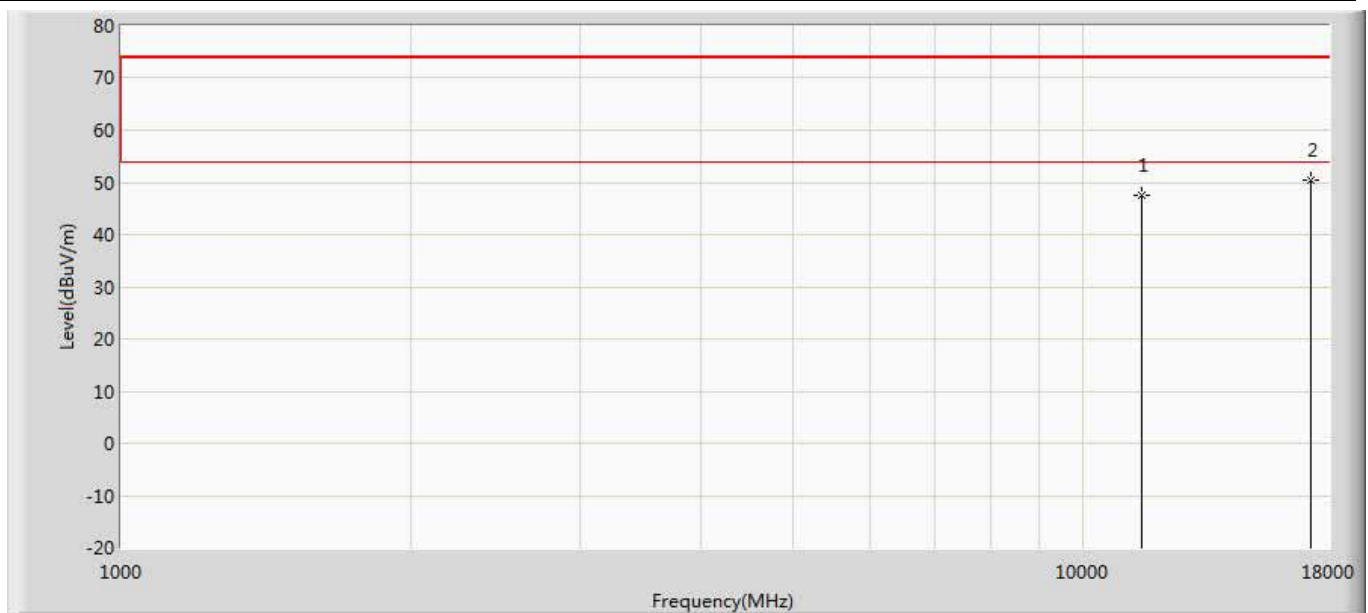
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	47.812	34.259	-26.188	74.000	13.552	PK
2	*	15720.000	52.530	32.256	-21.470	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 11:11
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: Mode 8:Transmit at channel 5745MHz by 802.11n20	



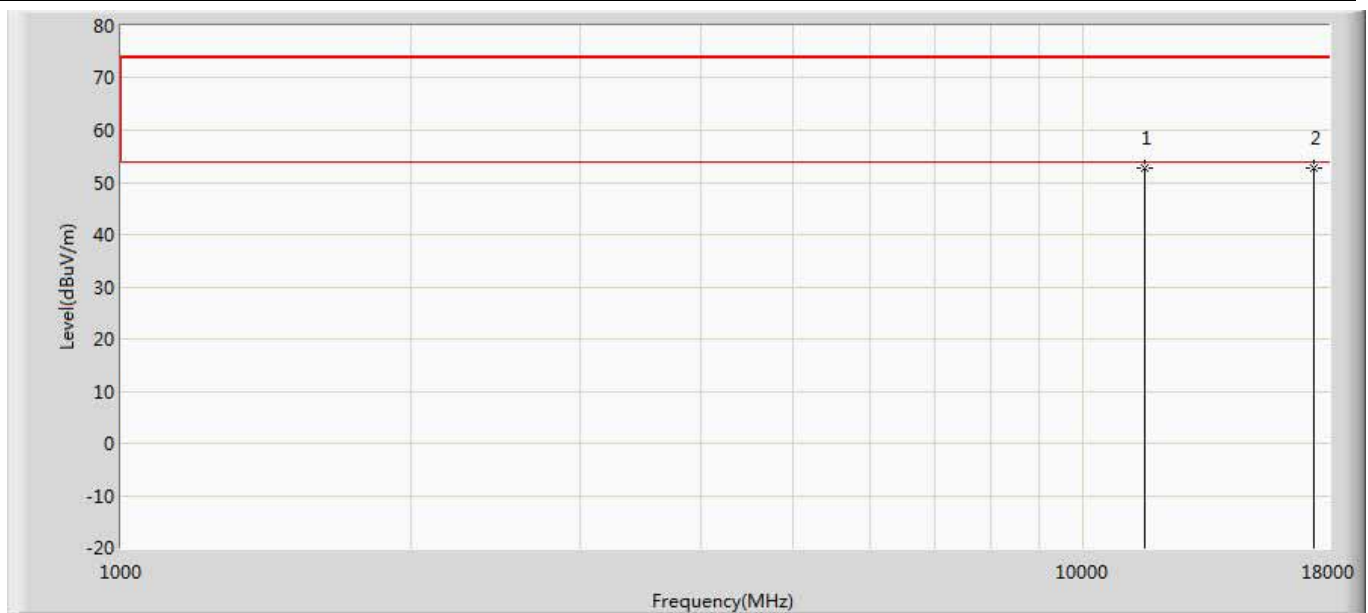
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.371	36.287	-22.629	74.000	15.084	PK
2	*	17235.000	52.498	33.019	-21.502	74.000	19.479	PK

Site: AC5	Time: 2017/06/05 - 11:11
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 8:Transmit at channel 5745MHz by 802.11n20	



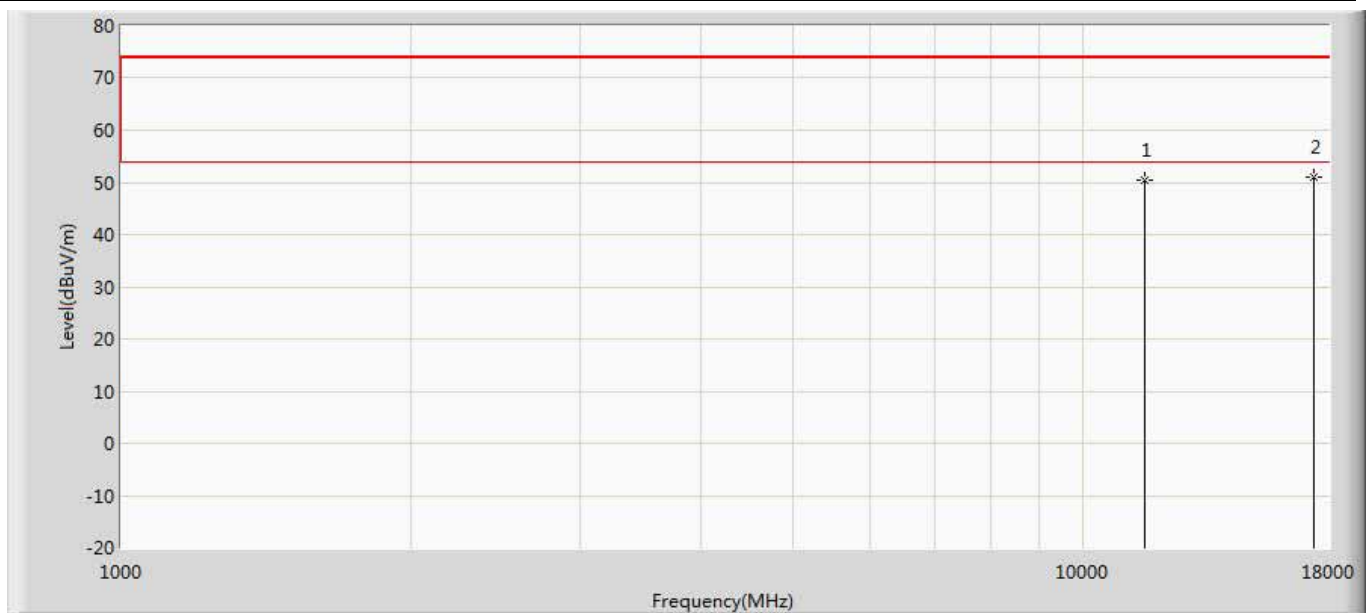
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	47.627	32.543	-26.373	74.000	15.084	PK
2	*	17235.000	50.333	30.854	-23.667	74.000	19.479	PK

Site: AC5	Time: 2017/06/05 - 11:12
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: Mode 8:Transmit at channel 5785MHz by 802.11n20	



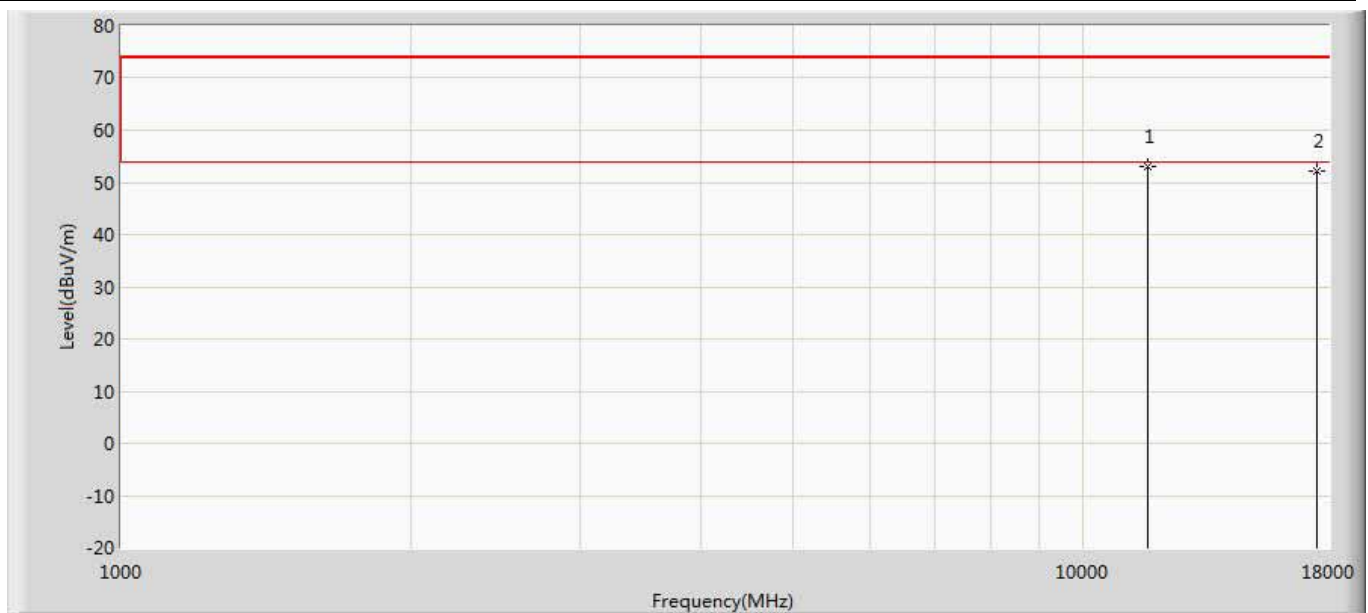
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	52.719	36.543	-21.281	74.000	16.177	PK
2	*	17355.000	52.730	32.146	-21.270	74.000	20.584	PK

Site: AC5	Time: 2017/06/05 - 11:13
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 8:Transmit at channel 5785MHz by 802.11n20	



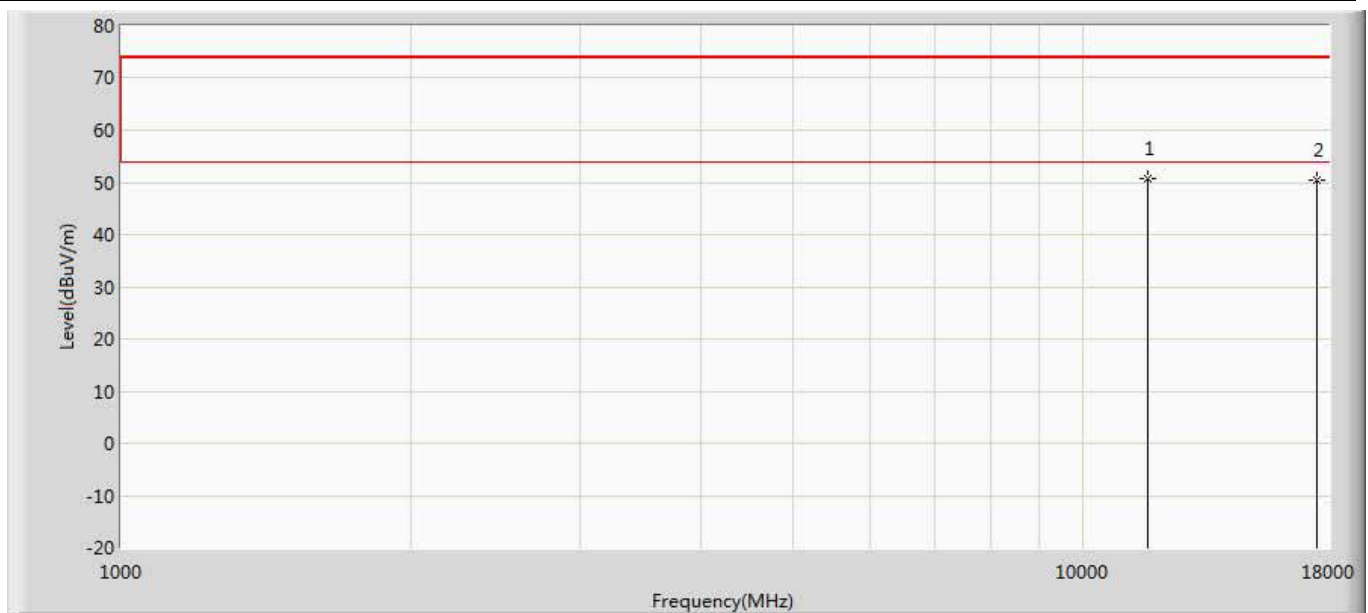
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.472	34.296	-23.528	74.000	16.177	PK
2	*	17355.000	51.125	30.541	-22.875	74.000	20.584	PK

Site: AC5	Time: 2017/06/05 - 11:14
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: Mode 8:Transmit at channel 5825MHz by 802.11n20	



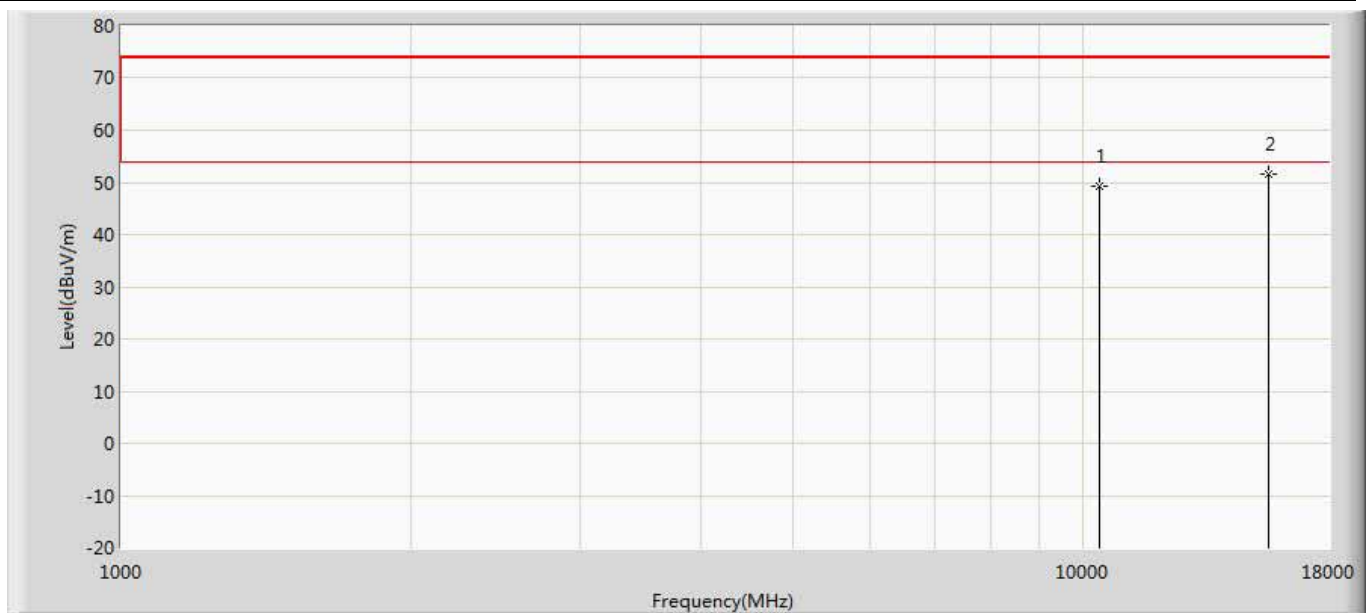
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.032	36.542	-20.968	74.000	16.490	PK
2		17475.000	52.223	32.016	-21.777	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 11:20
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: Mode 8:Transmit at channel 5825MHz by 802.11n20	



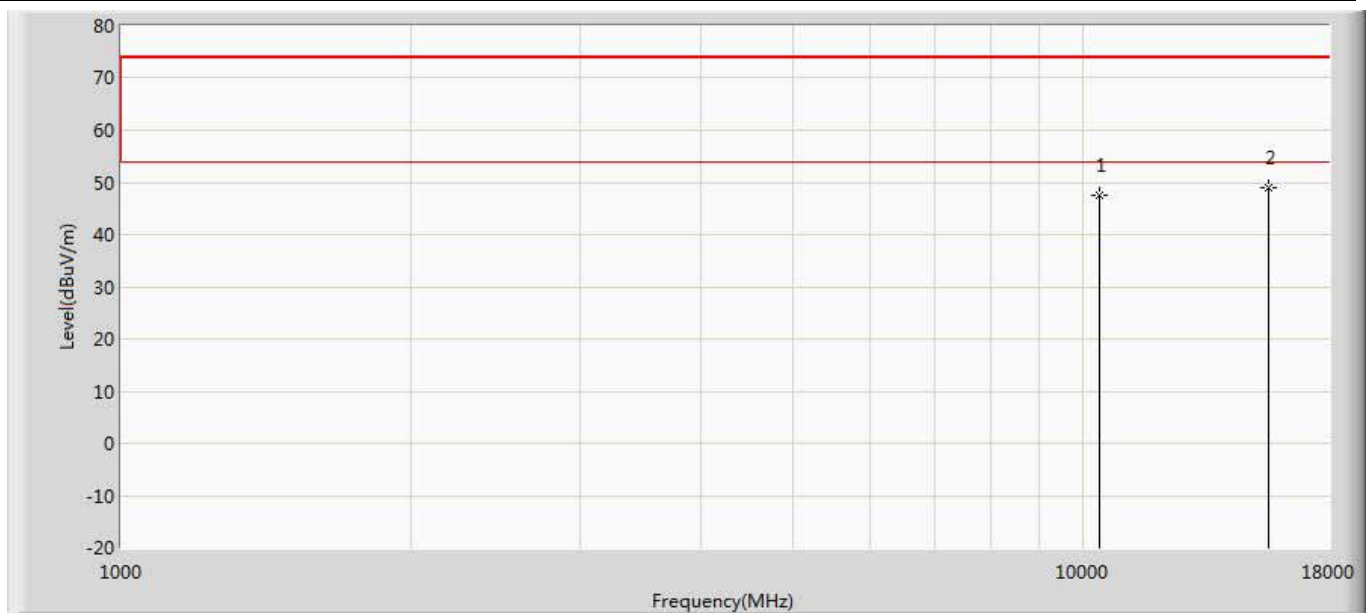
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	50.740	34.250	-23.260	74.000	16.490	PK
2		17475.000	50.350	30.143	-23.650	74.000	20.208	PK

Site: AC5	Time: 2017/06/09- 15:13
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: Mode 9:Transmit at channel 5190MHz by 802.11n40	



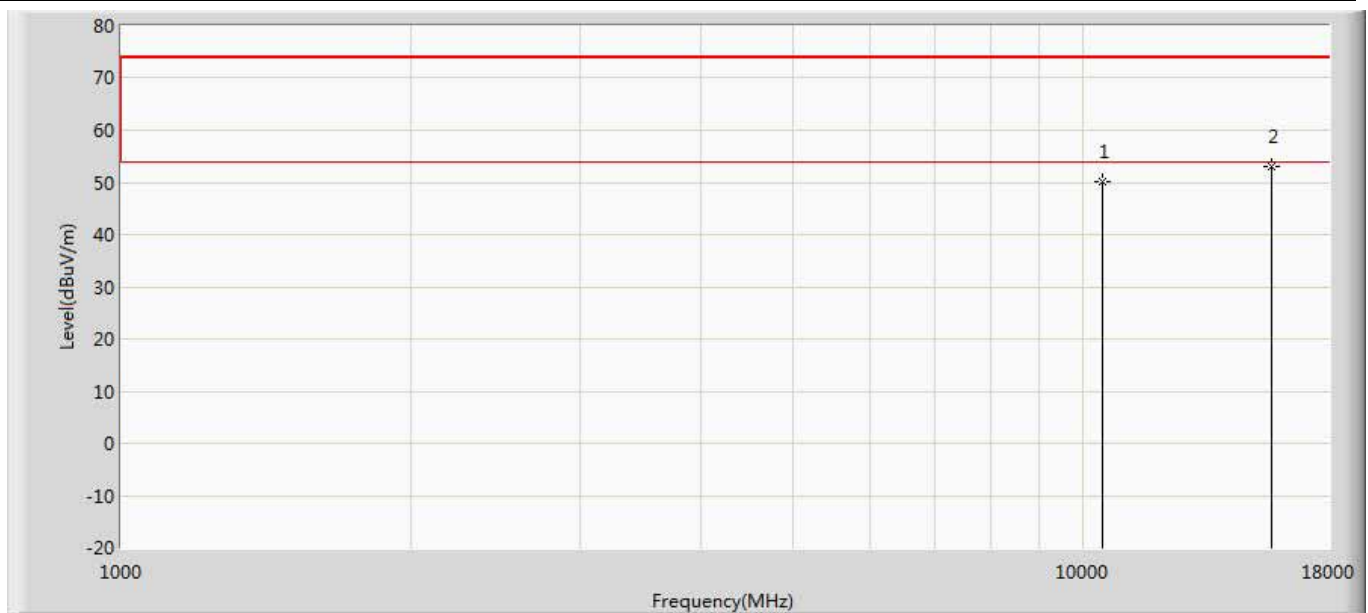
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	49.406	36.254	-24.594	74.000	13.152	PK
2	*	15570.000	51.726	32.185	-22.274	74.000	19.541	PK

Site: AC5	Time: 2017/06/09- 15:17
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 9:Transmit at channel 5190MHz by 802.11n40	



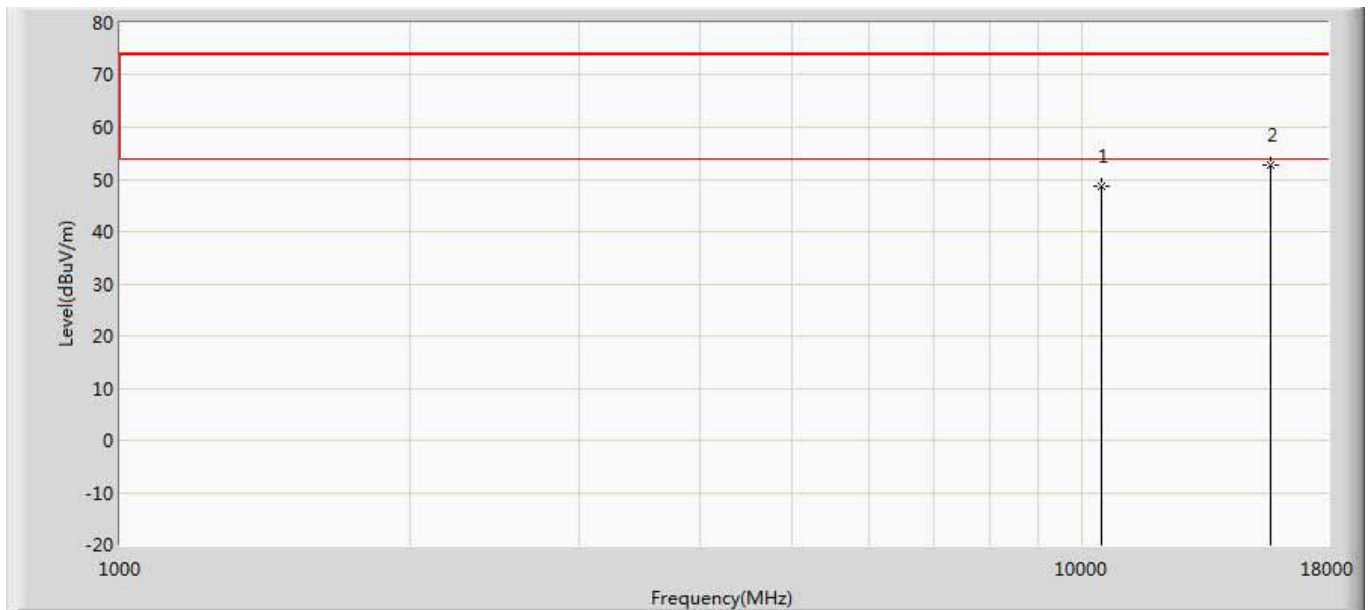
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	47.410	34.258	-26.590	74.000	13.152	PK
2	*	15570.000	49.088	29.547	-24.912	74.000	19.541	PK

Site: AC5	Time: 2017/06/09- 15:17
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: Mode 9:Transmit at channel 5230MHz by 802.11n40	



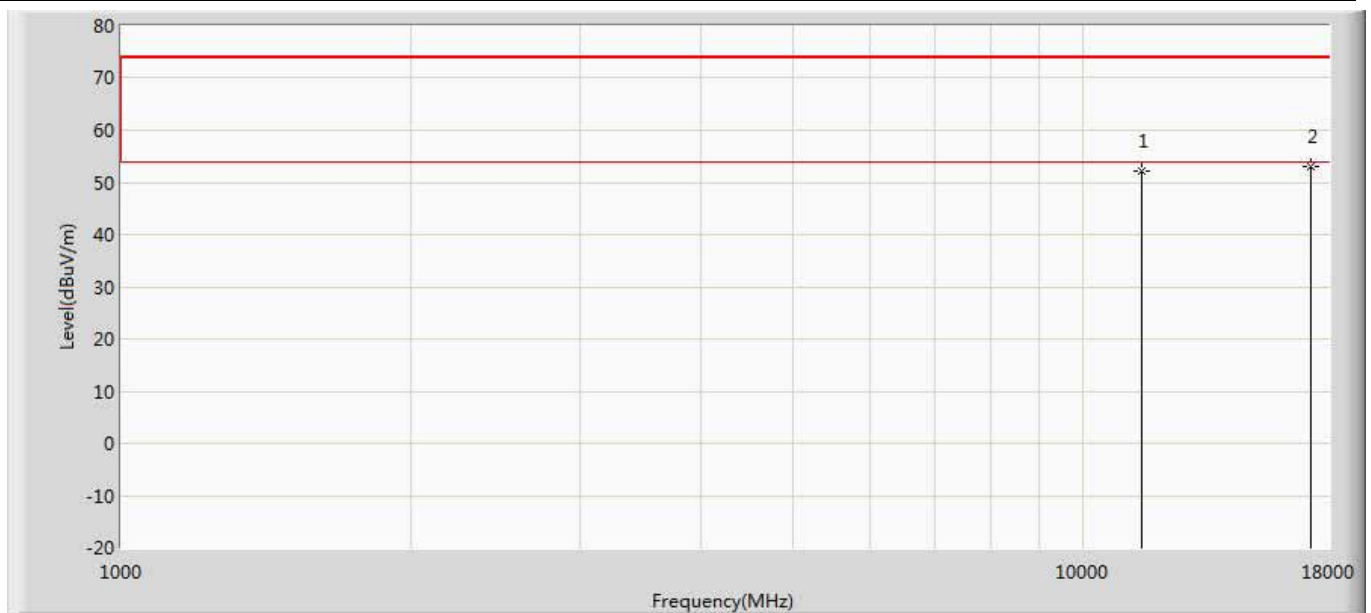
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.034	36.589	-23.966	74.000	13.445	PK
2	*	15690.000	52.910	32.601	-21.090	74.000	20.309	PK

Site: AC5	Time: 2017/06/09- 15:18
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 9:Transmit at channel 5230MHz by 802.11n40	



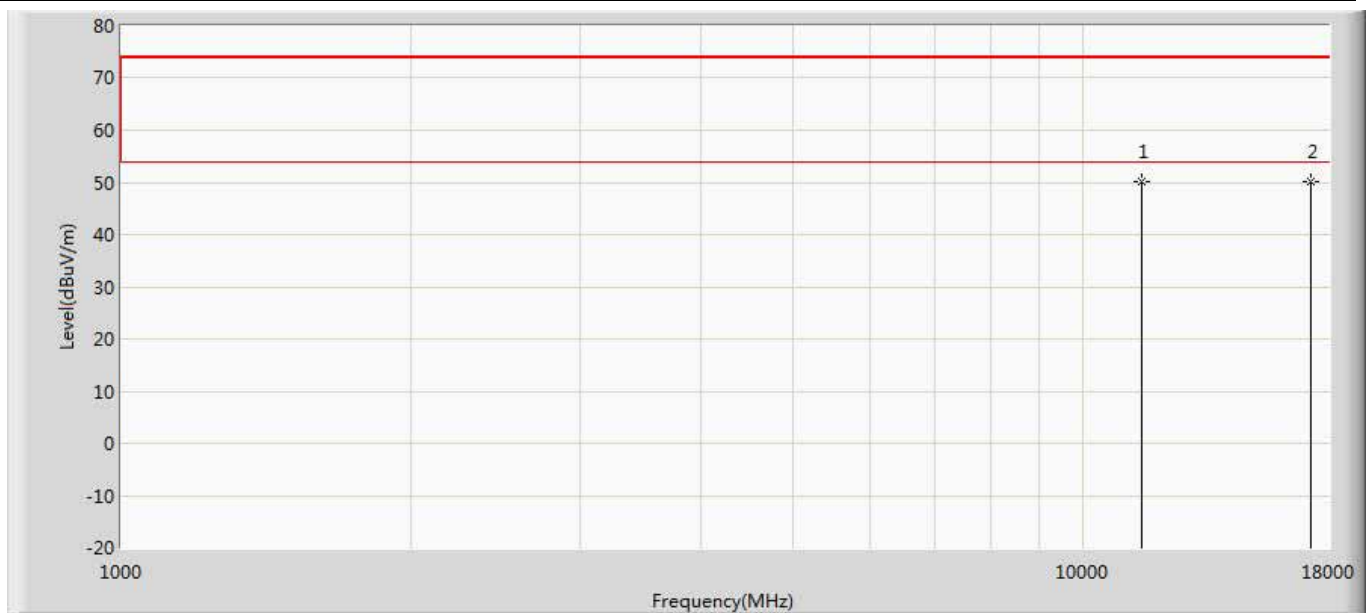
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	48.703	35.258	-25.297	74.000	13.445	PK
2	*	15690.000	52.798	32.489	-21.202	74.000	20.309	PK

Site: AC5	Time: 2017/06/05 - 11:26
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: Mode 9:Transmit at channel 5755MHz by 802.11n40	



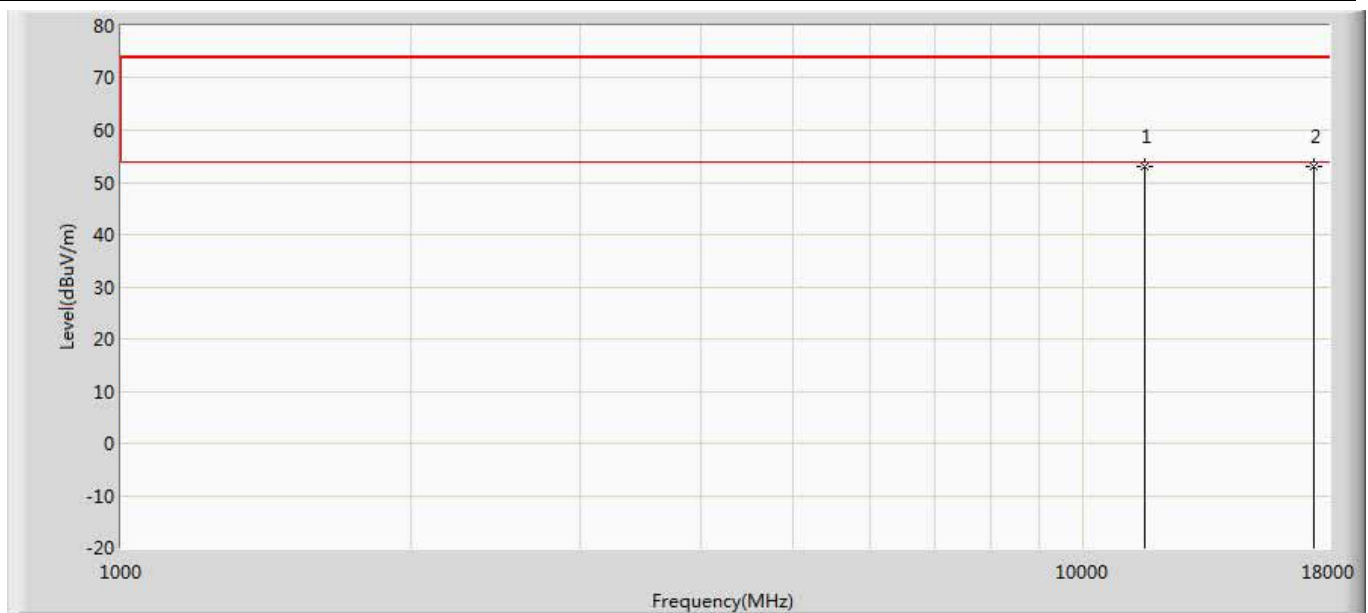
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	52.210	36.523	-21.790	74.000	15.687	PK
2	*	17265.000	53.060	32.412	-20.940	74.000	20.647	PK

Site: AC5	Time: 2017/06/05 - 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 9:Transmit at channel 5755MHz by 802.11n40	



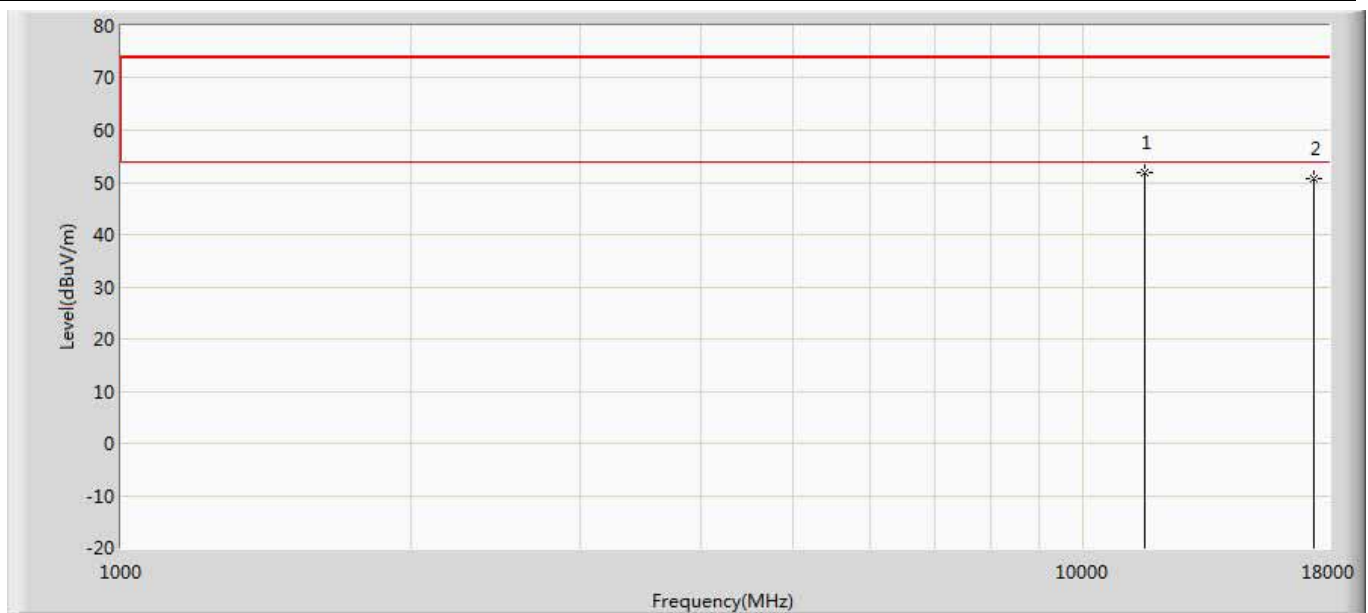
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11510.000	50.208	34.521	-23.792	74.000	15.687	PK
2		17265.000	50.106	29.458	-23.894	74.000	20.647	PK

Site: AC5	Time: 2017/06/05 - 11:29
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: Mode 9:Transmit at channel 5795MHz by 802.11n40	



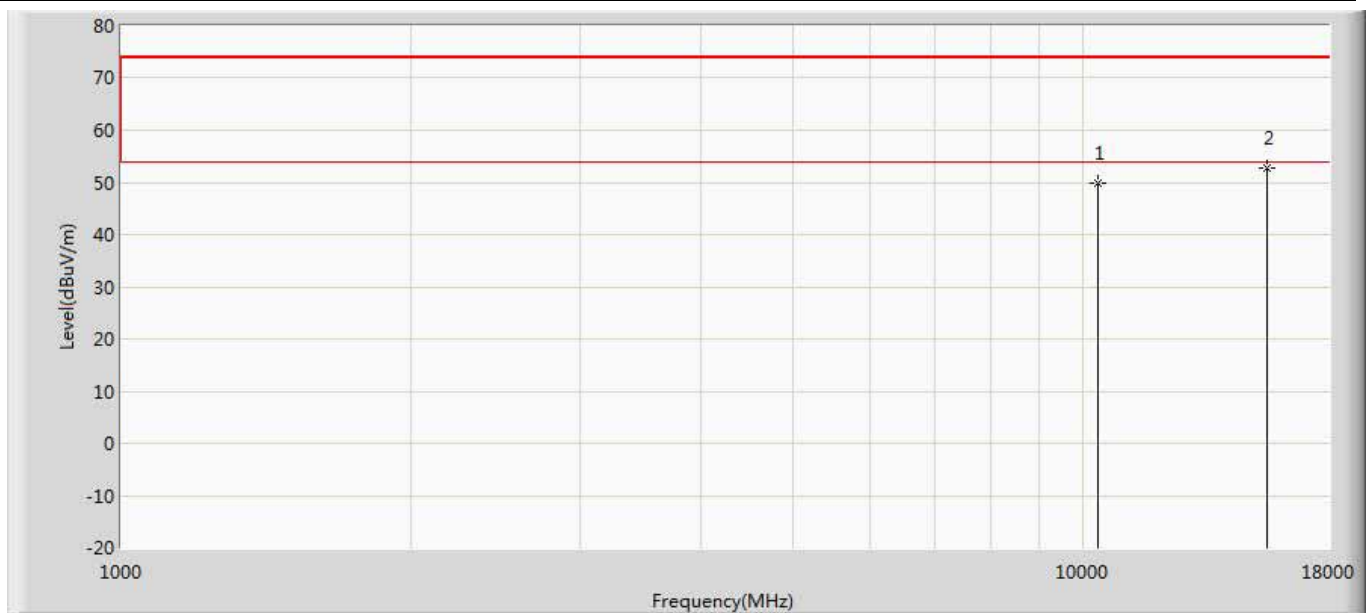
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	52.929	36.543	-21.071	74.000	16.385	PK
2	*	17385.000	53.141	32.549	-20.859	74.000	20.592	PK

Site: AC5	Time: 2017/06/05 - 11:29
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 9:Transmit at channel 5795MHz by 802.11n40	



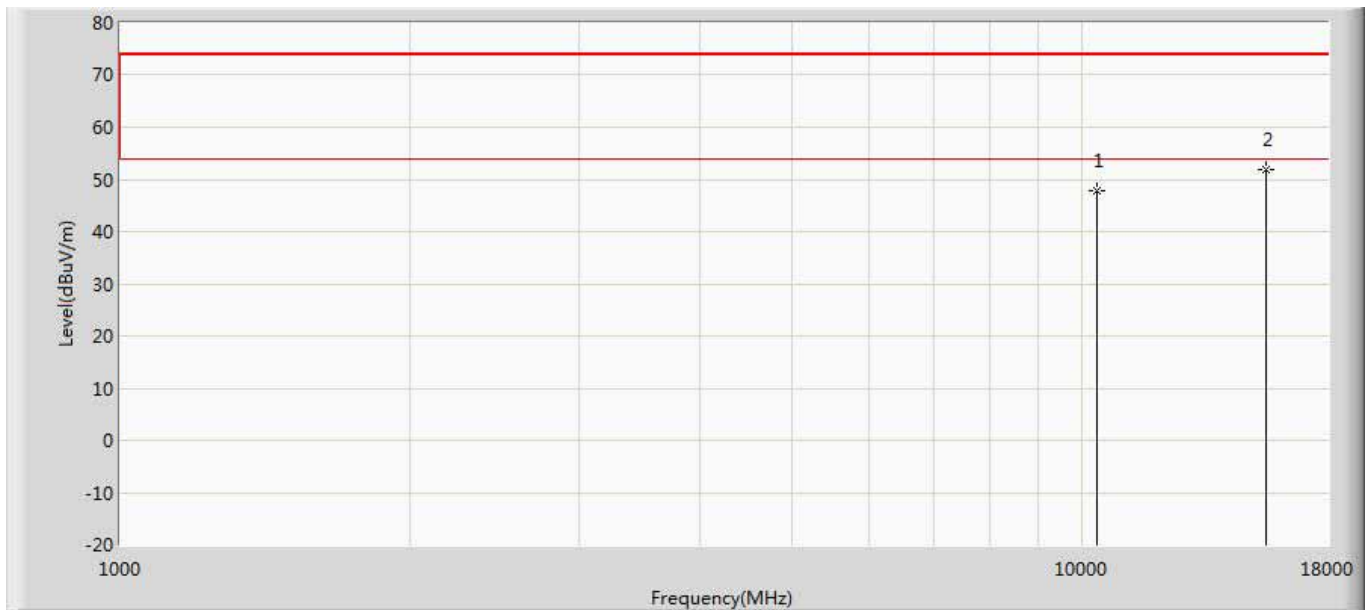
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11590.000	51.806	35.420	-22.194	74.000	16.385	PK
2		17385.000	50.703	30.111	-23.297	74.000	20.592	PK

Site: AC5	Time: 2017/06/09- 14:55
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: Mode 10:Transmit at channel 5180MHz by 802.11ac20	



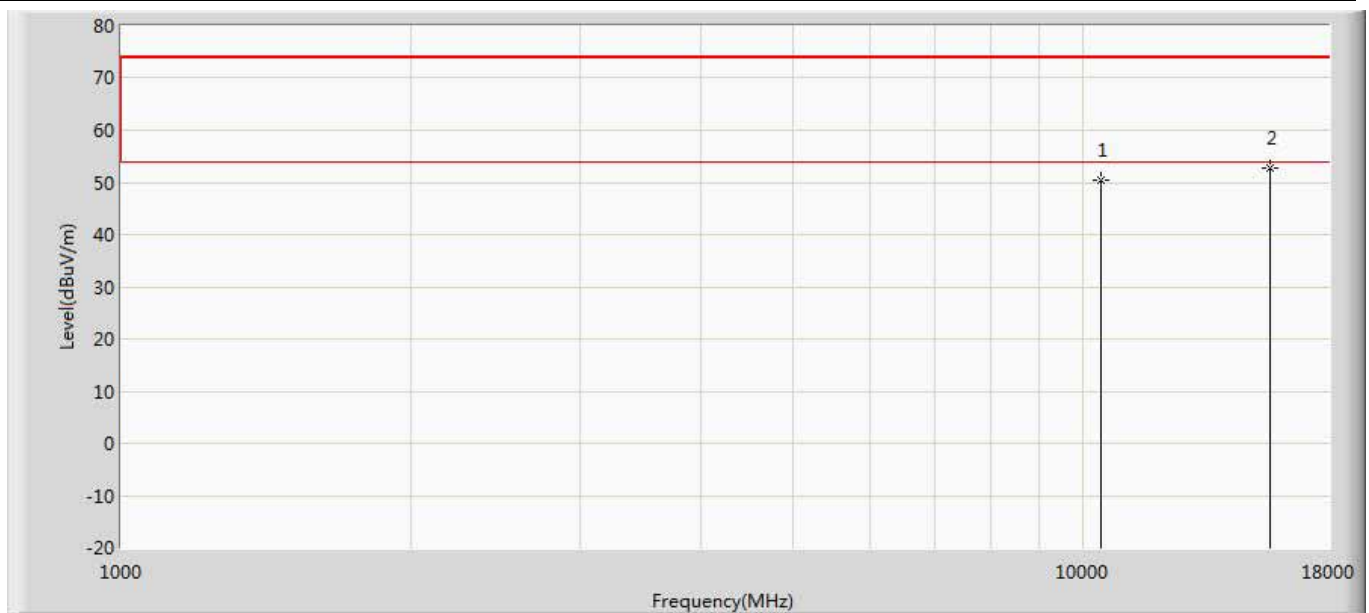
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	49.936	36.589	-24.064	74.000	13.347	PK
2	*	15540.000	52.737	34.259	-21.263	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:57
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 10:Transmit at channel 5180MHz by 802.11ac20	



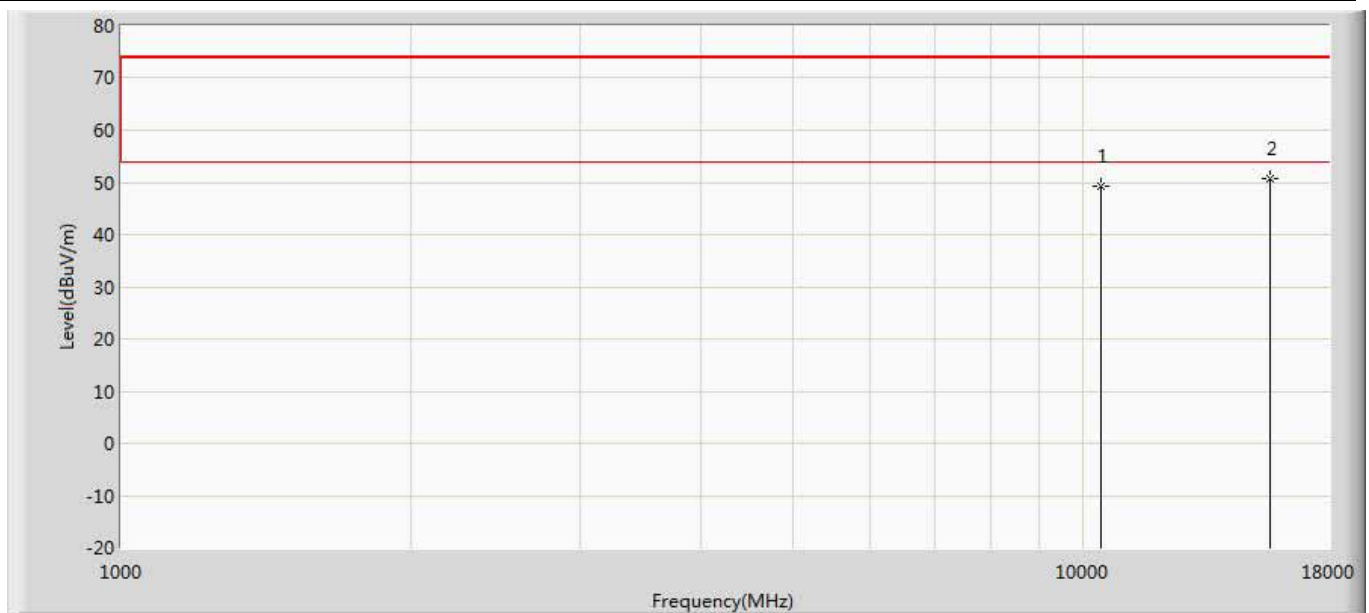
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	47.936	34.589	-26.064	74.000	13.347	PK
2	*	15540.000	51.965	33.487	-22.035	74.000	18.477	PK

Site: AC5	Time: 2017/06/09- 14:58
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: Mode 10:Transmit at channel 5220MHz by 802.11ac20	



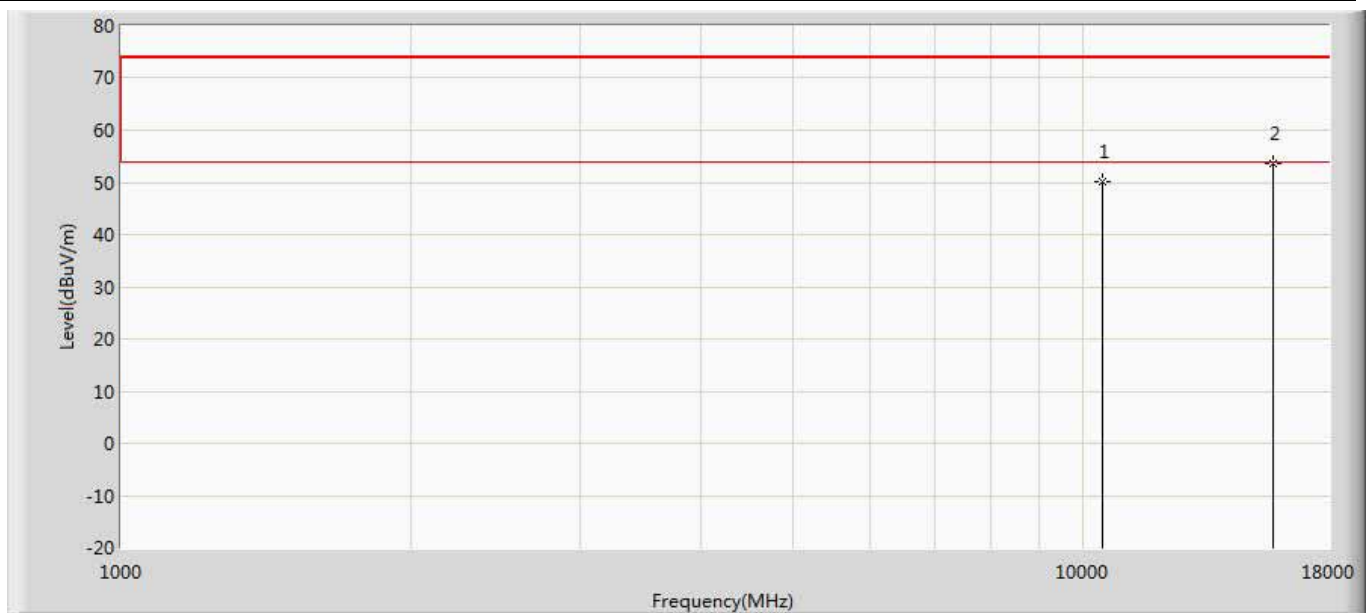
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.561	36.780	-23.439	74.000	13.781	PK
2	*	15660.000	52.736	34.158	-21.264	74.000	18.578	PK

Site: AC5	Time: 2017/06/09- 14:58
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 10:Transmit at channel 5220MHz 802.by 11AC20	



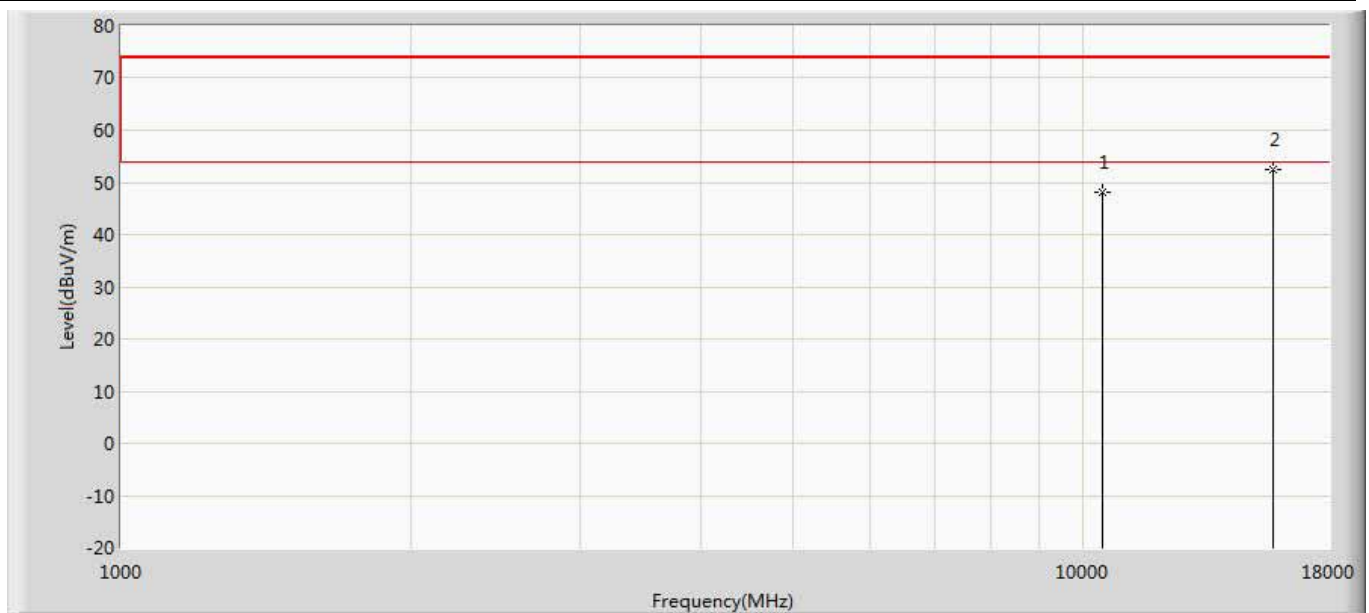
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	49.270	35.489	-24.730	74.000	13.781	PK
2	*	15660.000	50.706	32.128	-23.294	74.000	18.578	PK

Site: AC5	Time: 2017/06/09- 14:59
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: Mode 10:Transmit at channel 5240MHz by 802.11ac20	



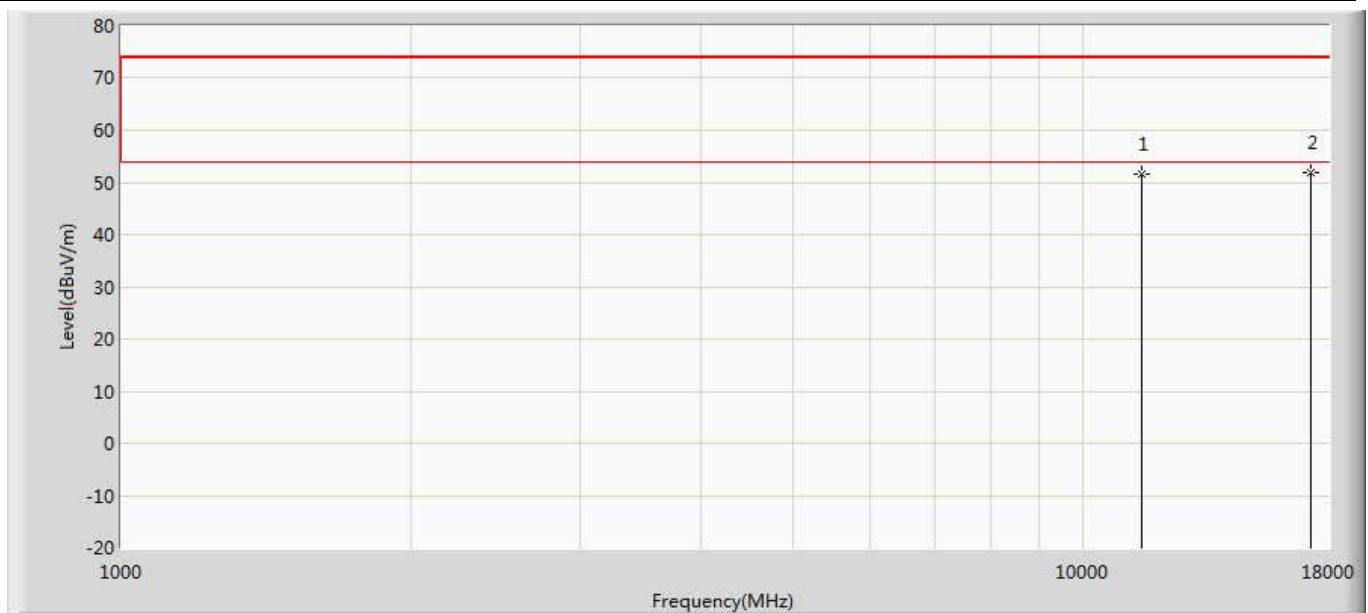
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.042	36.489	-23.958	74.000	13.552	PK
2	*	15720.000	53.532	33.258	-20.468	74.000	20.274	PK

Site: AC5	Time: 2017/06/09- 14:59
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 10:Transmit at channel 5240MHz by 802.11ac20	



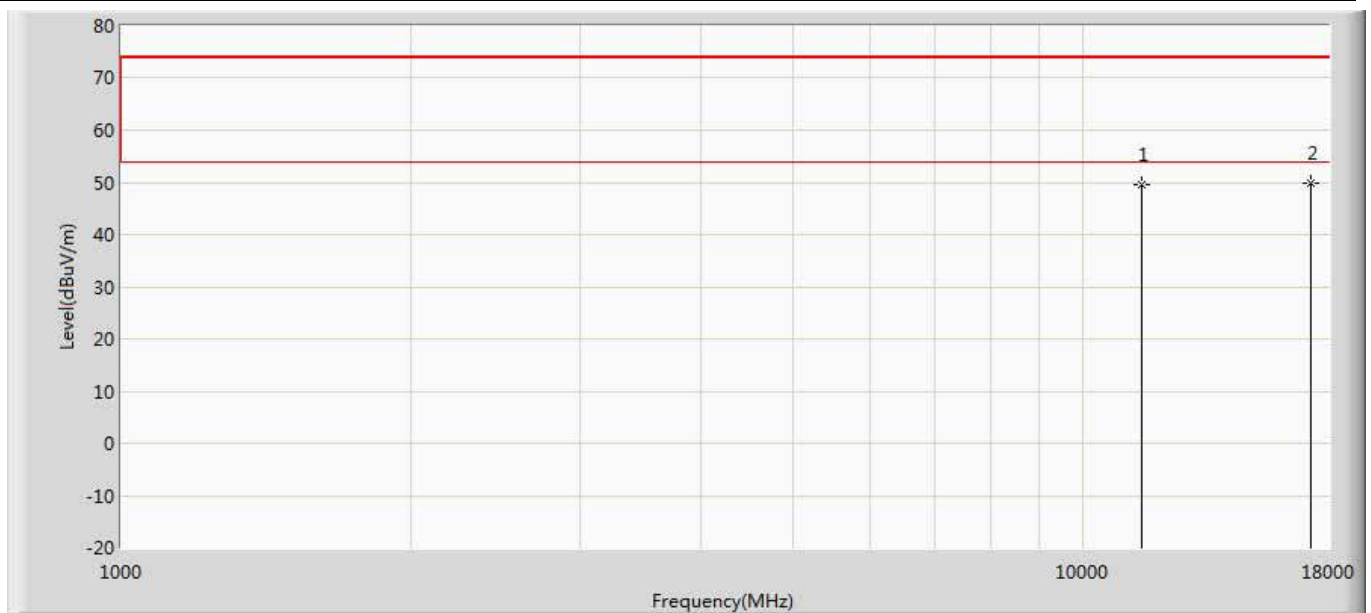
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	48.081	34.528	-25.919	74.000	13.552	PK
2	*	15720.000	52.431	32.157	-21.569	74.000	20.274	PK

Site: AC5	Time: 2017/06/05 - 11:20
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: Mode 10:Transmit at channel 5745MHz by 802.11ac20	



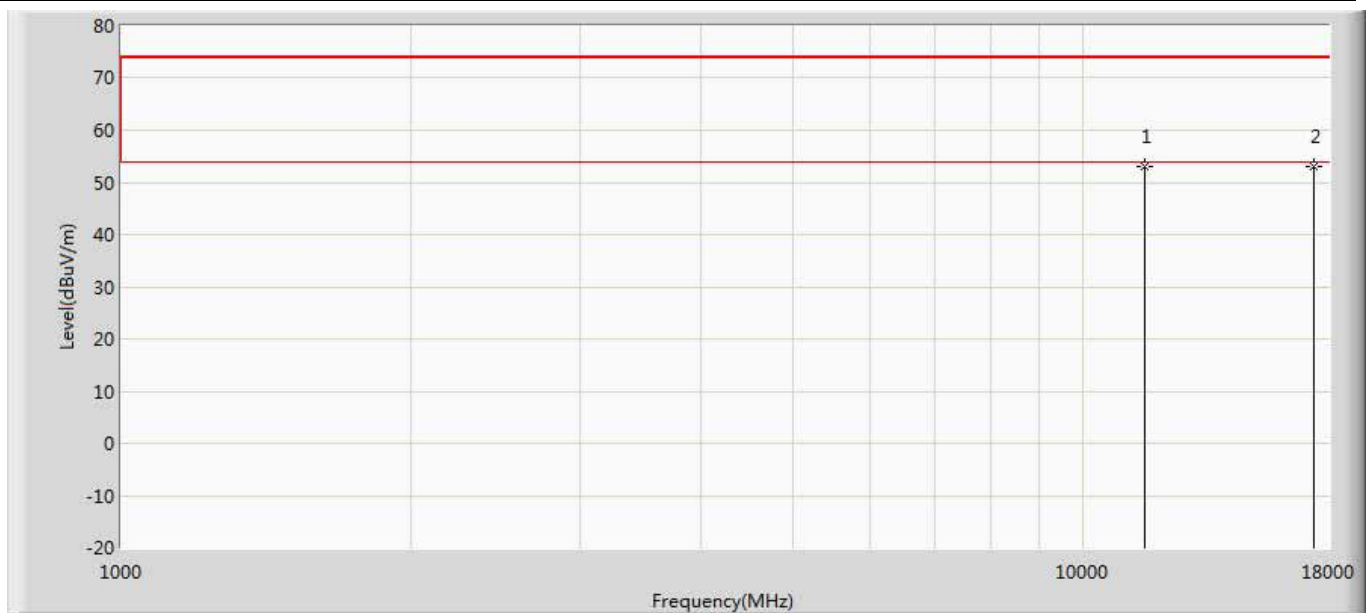
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.603	36.519	-22.397	74.000	15.084	PK
2	*	17235.000	52.020	32.541	-21.980	74.000	19.479	PK

Site: AC5	Time: 2017/06/05 - 11:24
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 10:Transmit at channel 5745MHz by 802.11ac20	



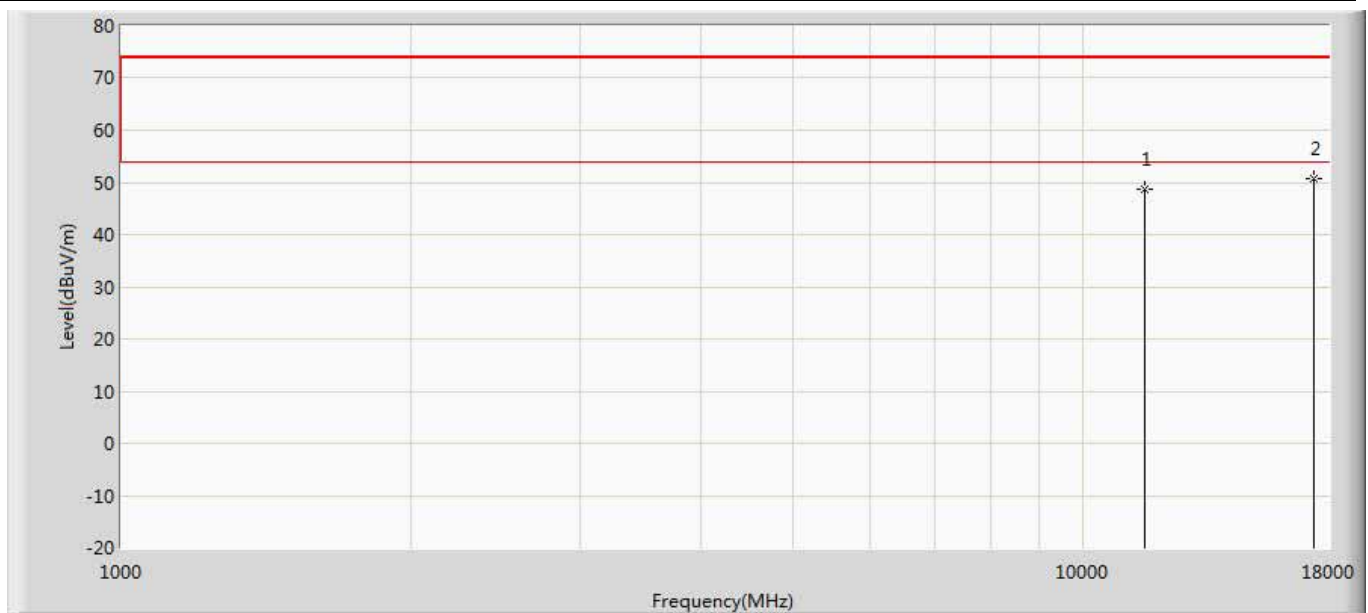
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	49.605	34.521	-24.395	74.000	15.084	PK
2	*	17235.000	49.800	30.321	-24.200	74.000	19.479	PK

Site: AC5	Time: 2017/06/05 - 11:24
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: Mode 10:Transmit at channel 5785MHz by 802.11ac20	



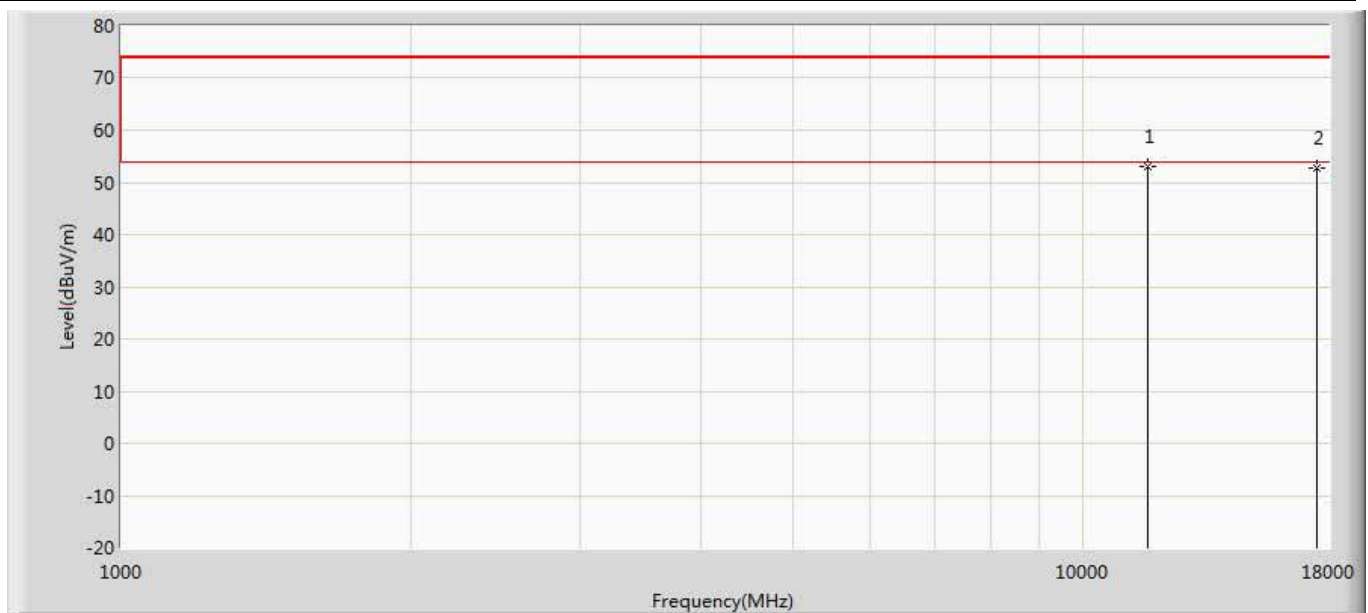
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	52.918	36.742	-21.082	74.000	16.177	PK
2	*	17355.000	53.000	32.416	-21.000	74.000	20.584	PK

Site: AC5	Time: 2017/06/05 - 11:25
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 10:Transmit at channel 5785MHz by 802.11ac20	



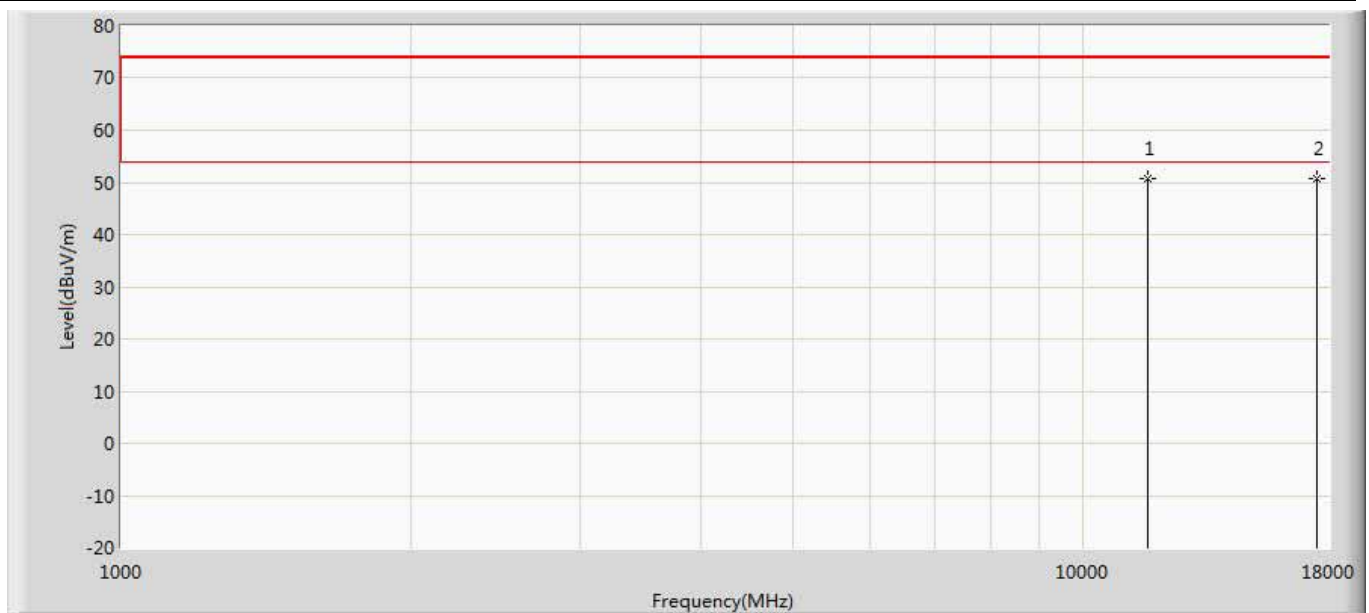
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	48.723	32.547	-25.277	74.000	16.177	PK
2	*	17355.000	50.713	30.129	-23.287	74.000	20.584	PK

Site: AC5	Time: 2017/06/05 - 11:25
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: Mode 10:Transmit at channel 5825MHz by 802.11ac20	



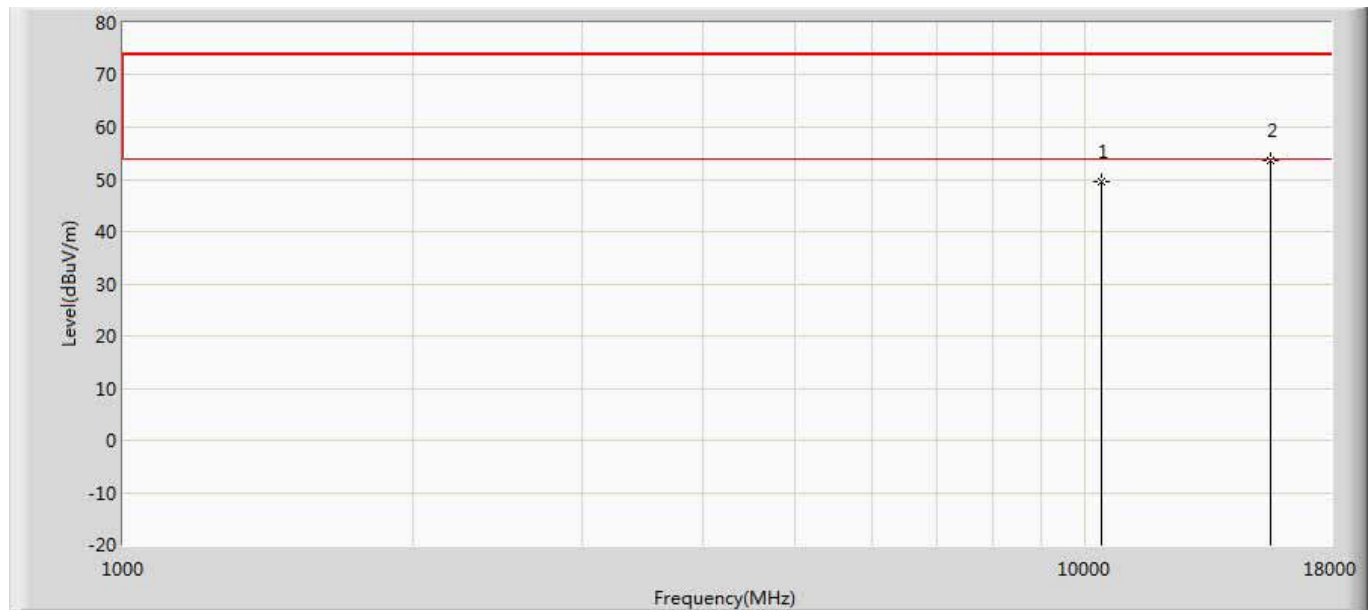
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	53.031	36.541	-20.969	74.000	16.490	PK
2		17475.000	52.791	32.584	-21.209	74.000	20.208	PK

Site: AC5	Time: 2017/06/05 - 11:26
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 10:Transmit at channel 5825MHz by 802.11ac20	



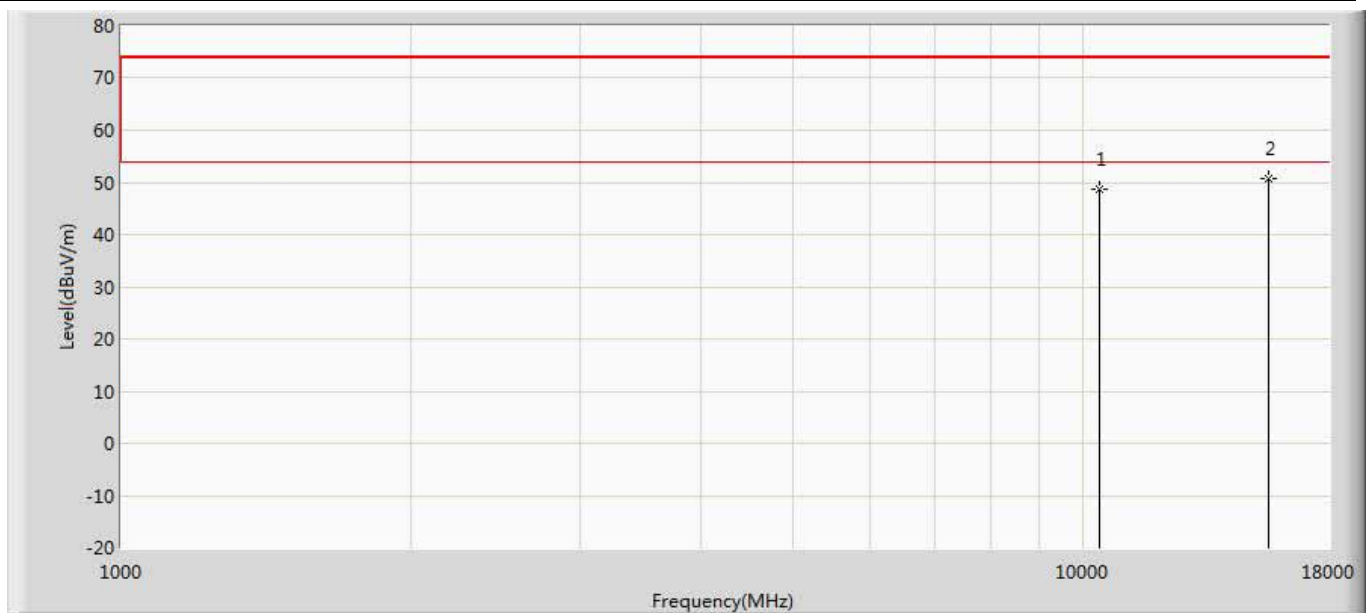
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11650.000	50.748	34.258	-23.252	74.000	16.490	PK
2		17475.000	50.630	30.423	-23.370	74.000	20.208	PK

Site: AC5	Time: 2017/06/09- 15:21
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: Mode 11:Transmit at channel 5190MHz by 802.11ac40	



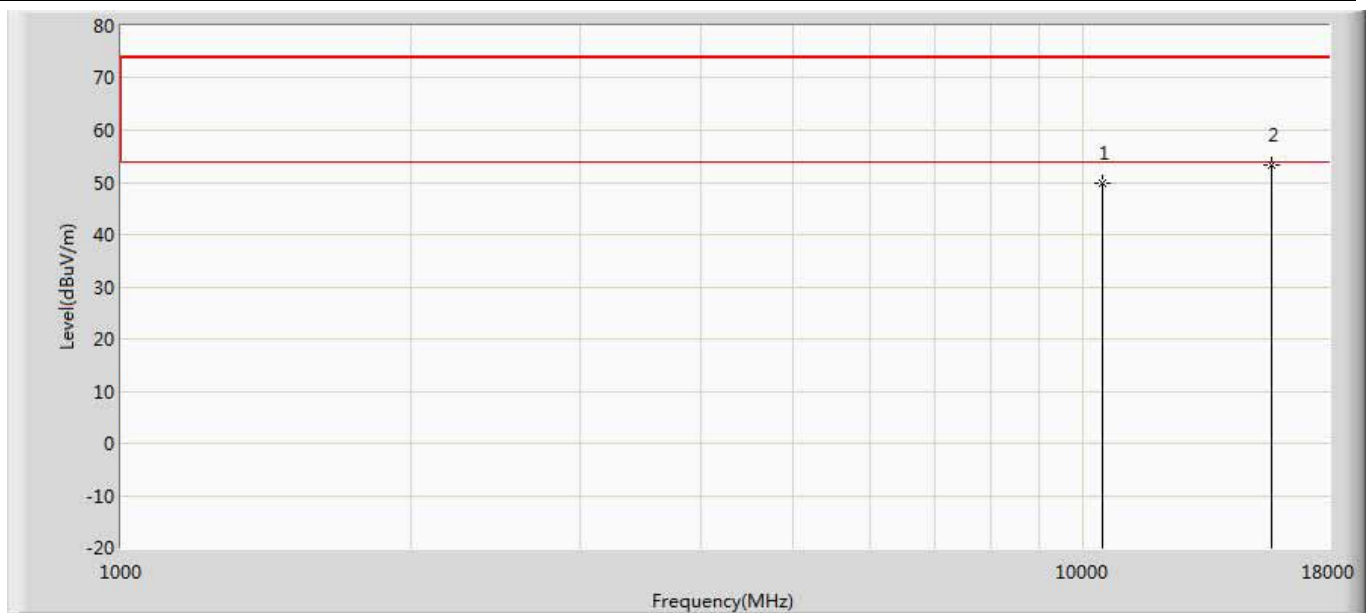
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	49.610	36.458	-24.390	74.000	13.152	PK
2	*	15570.000	53.515	33.974	-20.485	74.000	19.541	PK

Site: AC5	Time: 2017/06/09- 15:22
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: Mode 11:Transmit at channel 5190MHz by 802.11ac40	



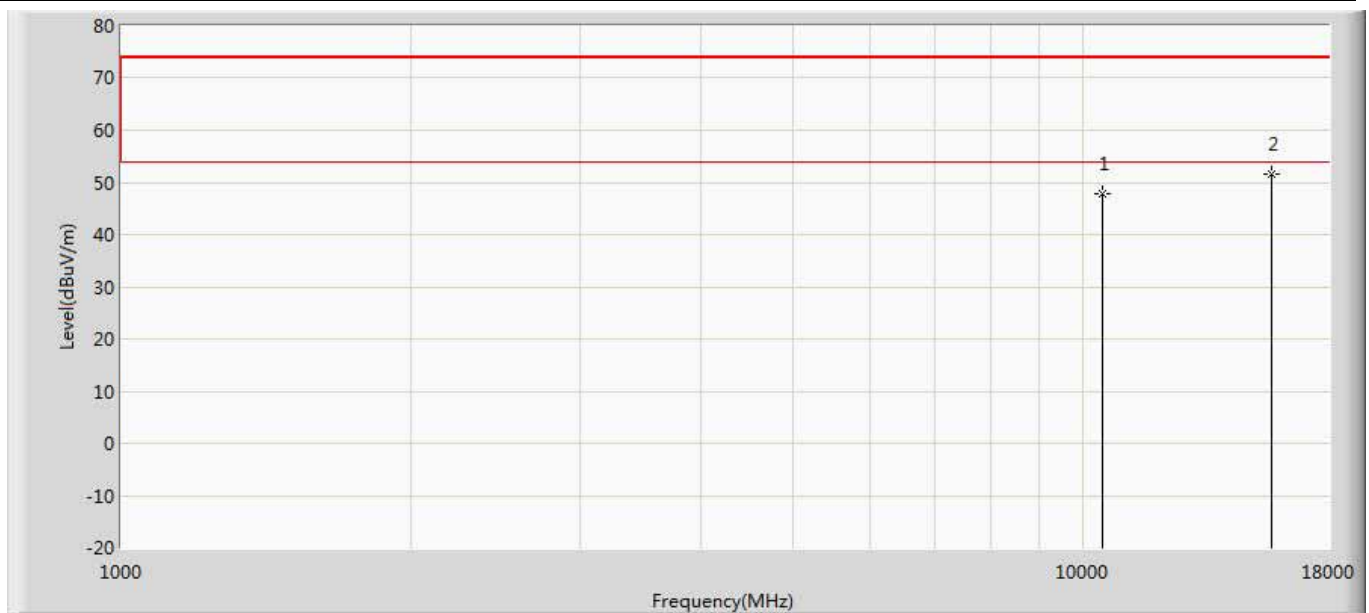
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	48.837	35.685	-25.163	74.000	13.152	PK
2	*	15570.000	50.799	31.258	-23.201	74.000	19.541	PK

Site: AC5	Time: 2017/06/09- 15:22
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: Mode 11:Transmit at channel 5230MHz by 802.11ac40	



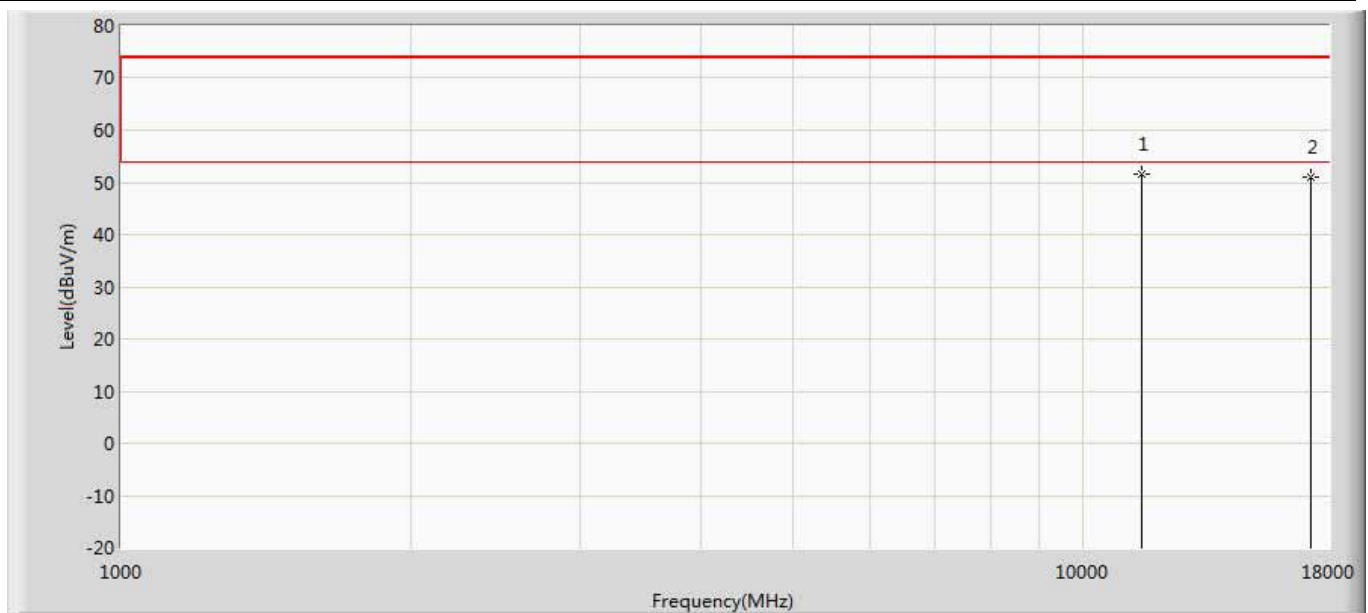
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	49.932	36.487	-24.068	74.000	13.445	PK
2	*	15690.000	53.422	33.113	-20.578	74.000	20.309	PK

Site: AC5	Time: 2017/06/09- 15:22
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: Mode 11:Transmit at channel 5230MHz by 802.11ac40	



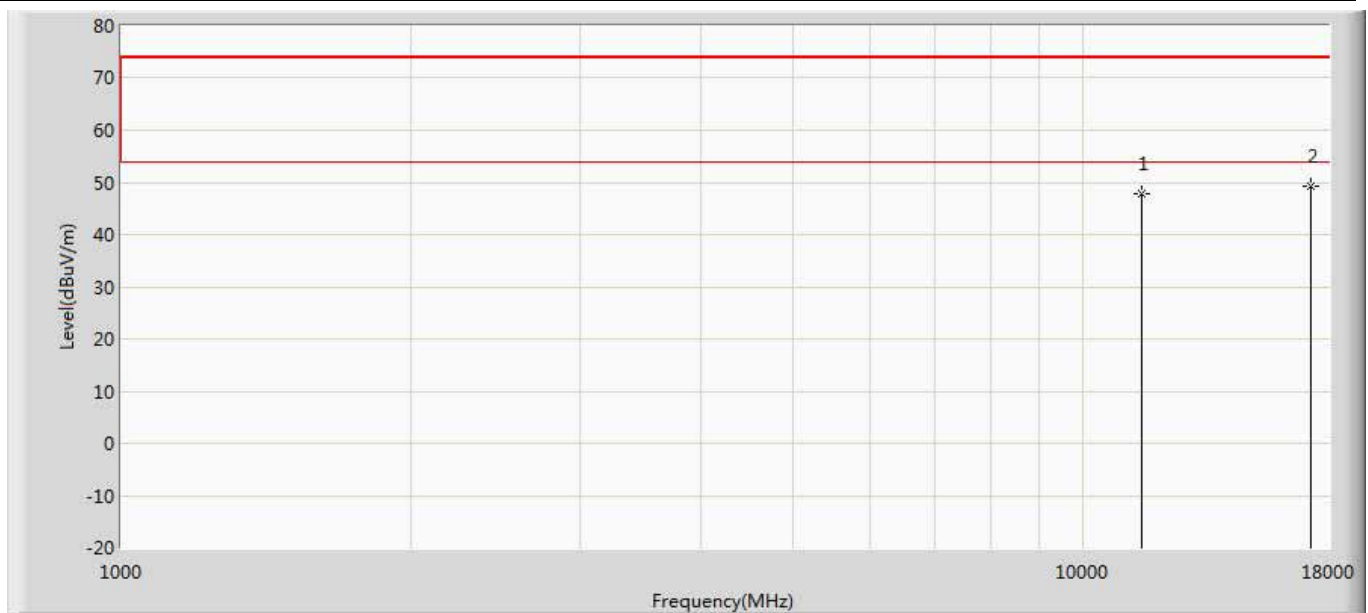
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	47.701	34.256	-26.299	74.000	13.445	PK
2	*	15690.000	51.563	31.254	-22.437	74.000	20.309	PK

Site: AC5	Time: 2017/06/05 - 11:30
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: Mode 11:Transmit at channel 5755MHz by 802.11ac40	



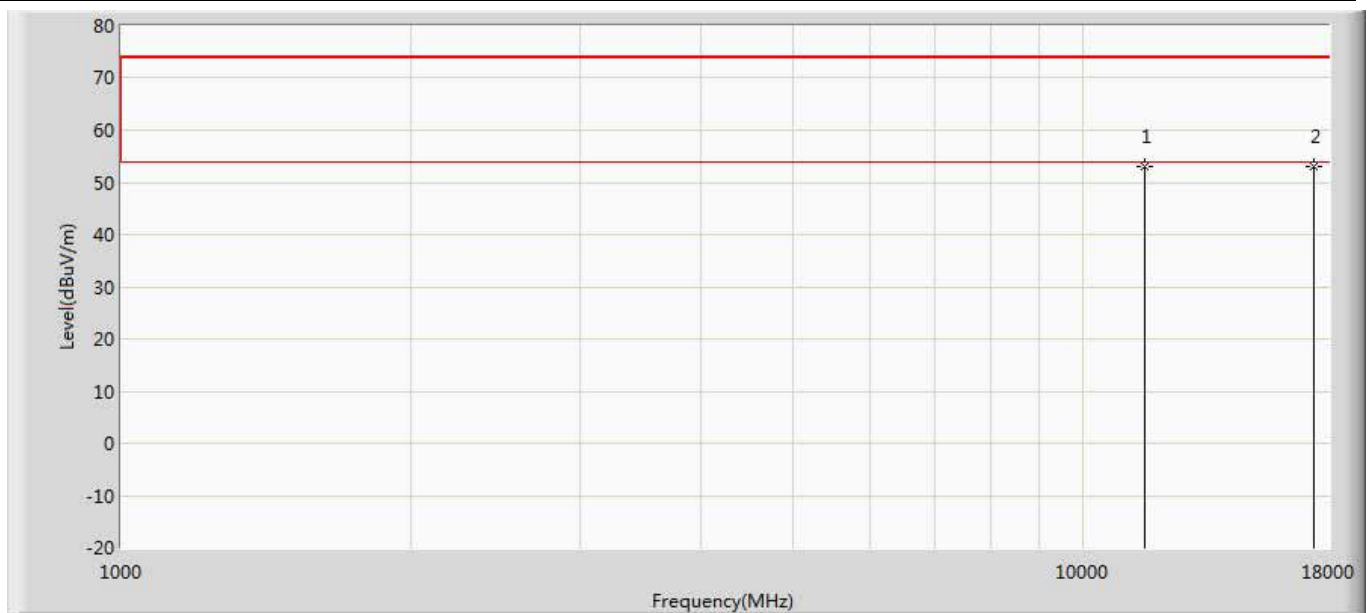
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	11510.000	51.539	35.852	-22.461	74.000	15.687	PK
2		17265.000	50.906	30.258	-23.094	74.000	20.647	PK

Site: AC5	Time: 2017/06/05 - 11:30
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 11:Transmit at channel 5755MHz by 802.11ac40	



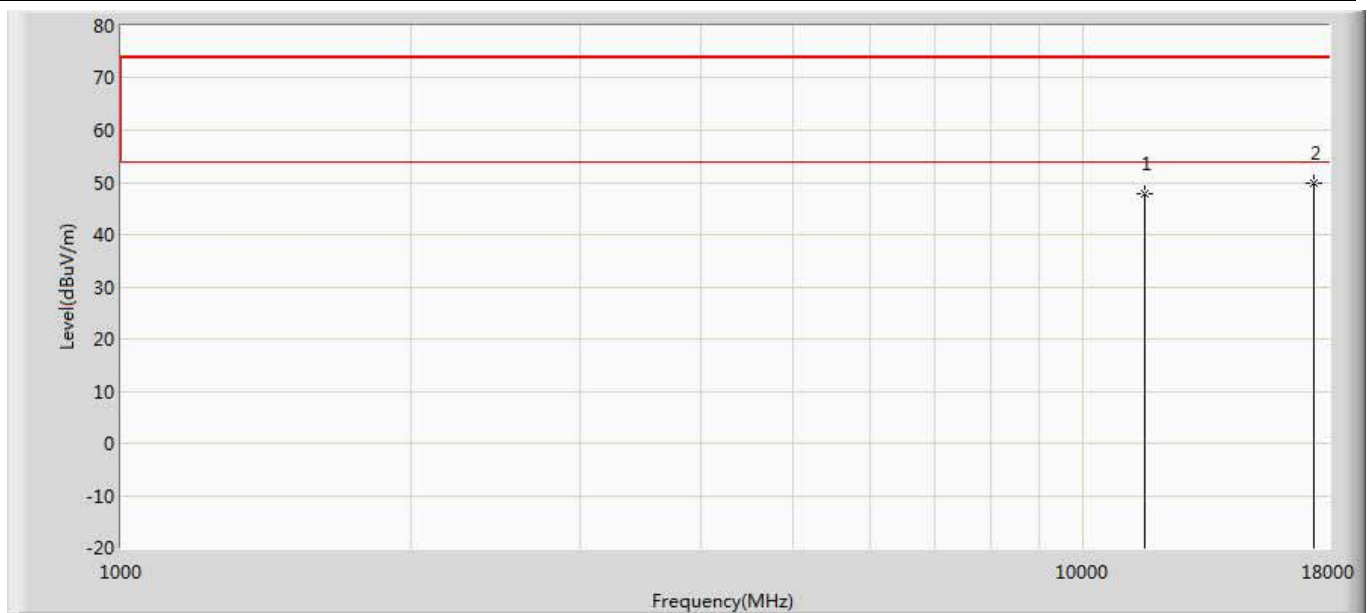
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	47.902	32.215	-26.098	74.000	15.687	PK
2	*	17265.000	49.195	28.547	-24.805	74.000	20.647	PK

Site: AC5	Time: 2017/06/05 - 11:31
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: Mode 11:Transmit at channel 5795MHz by 802.11ac40	



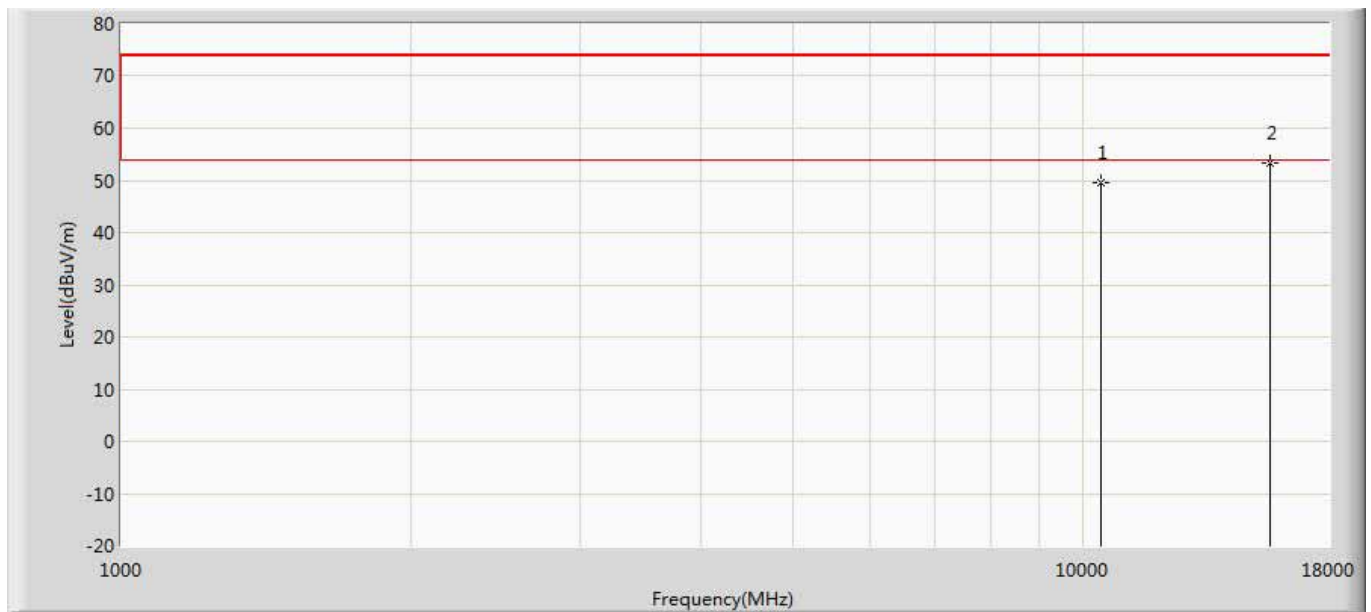
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	52.927	36.541	-21.073	74.000	16.385	PK
2	*	17385.000	53.004	32.412	-20.996	74.000	20.592	PK

Site: AC5	Time: 2017/06/05 - 11:31
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 11:Transmit at channel 5795MHz by 802.11ac40	



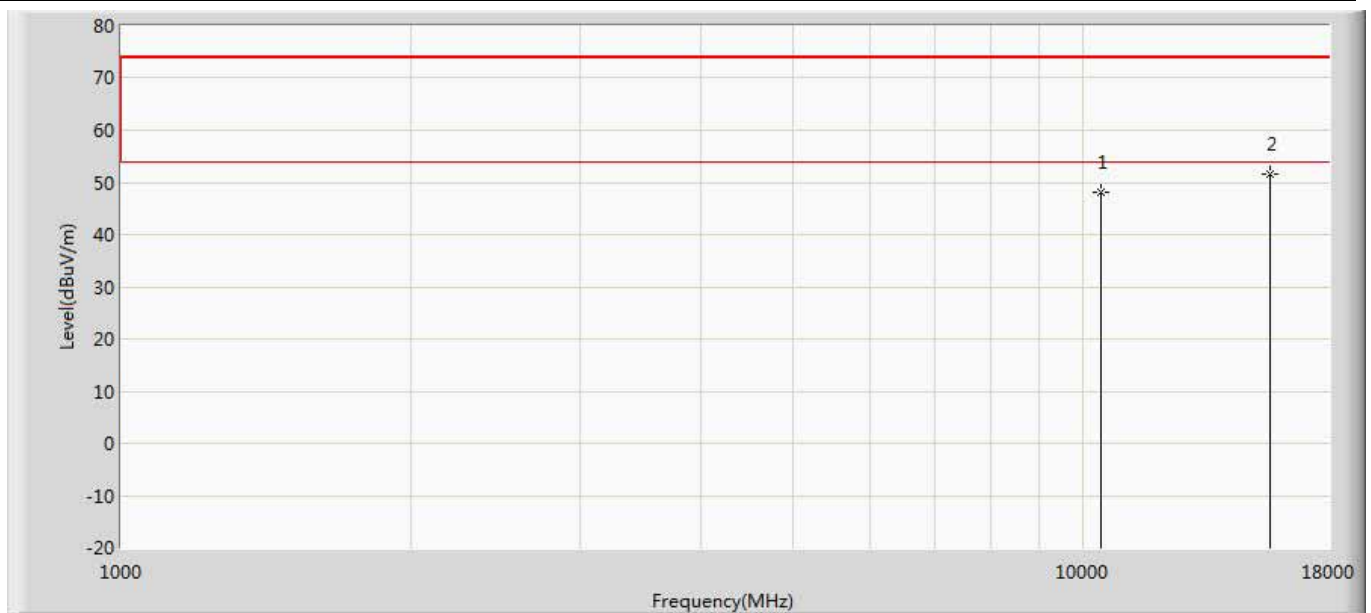
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	47.910	31.524	-26.090	74.000	16.385	PK
2	*	17385.000	49.833	29.241	-24.167	74.000	20.592	PK

Site: AC5	Time: 2017/06/09- 15:23
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: Mode 12:Transmit at channel 5210MHz by 802.11ac80	



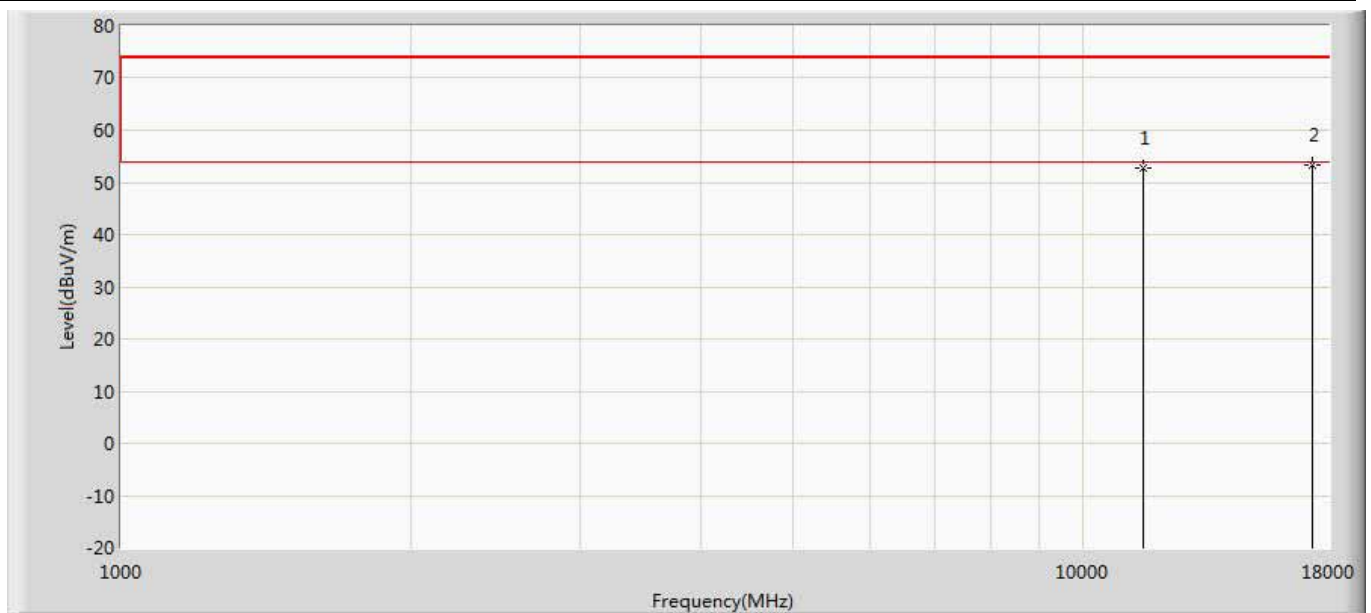
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	49.655	36.589	-24.345	74.000	13.065	PK
2	*	15630.000	53.238	33.658	-20.762	74.000	19.581	PK

Site: AC5	Time: 2017/06/09- 15:24
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 12:Transmit at channel 5210MHz by 802.11ac80	



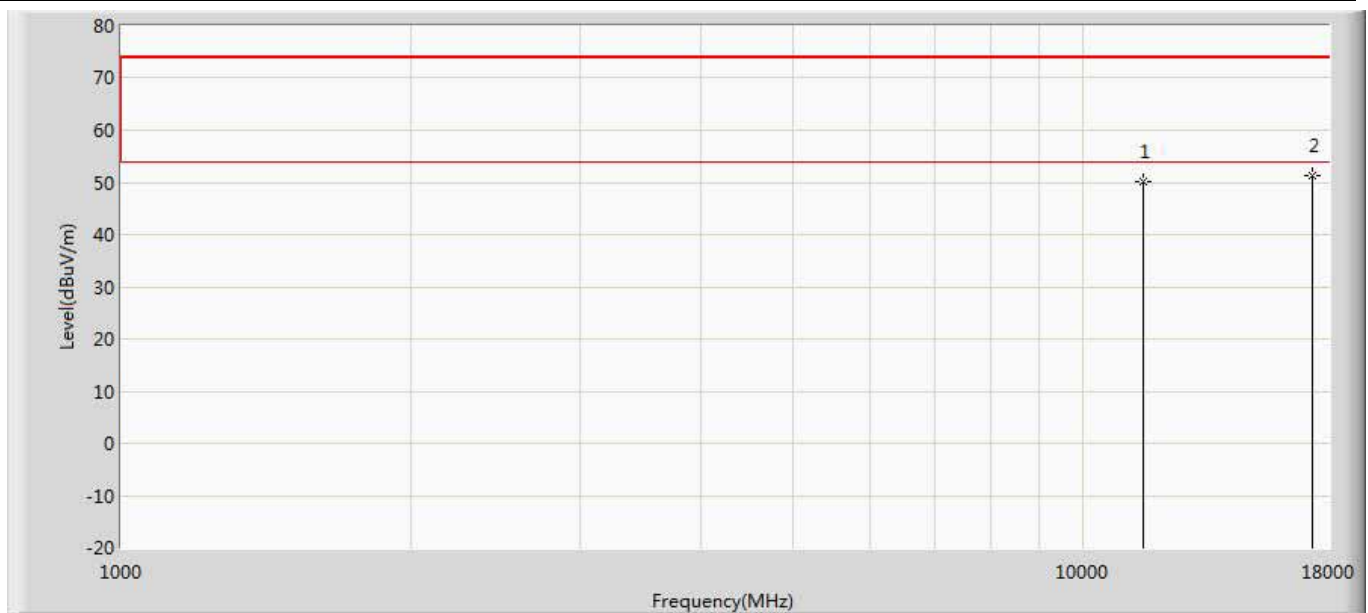
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	48.180	35.114	-25.820	74.000	13.065	PK
2	*	15630.000	51.605	32.025	-22.395	74.000	19.581	PK

Site: AC5	Time: 2017/06/05 - 11:32
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: Mode 12:Transmit at channel 5775MHz by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	52.611	36.541	-21.389	74.000	16.070	PK
2	*	17325.000	53.261	32.154	-20.739	74.000	21.107	PK

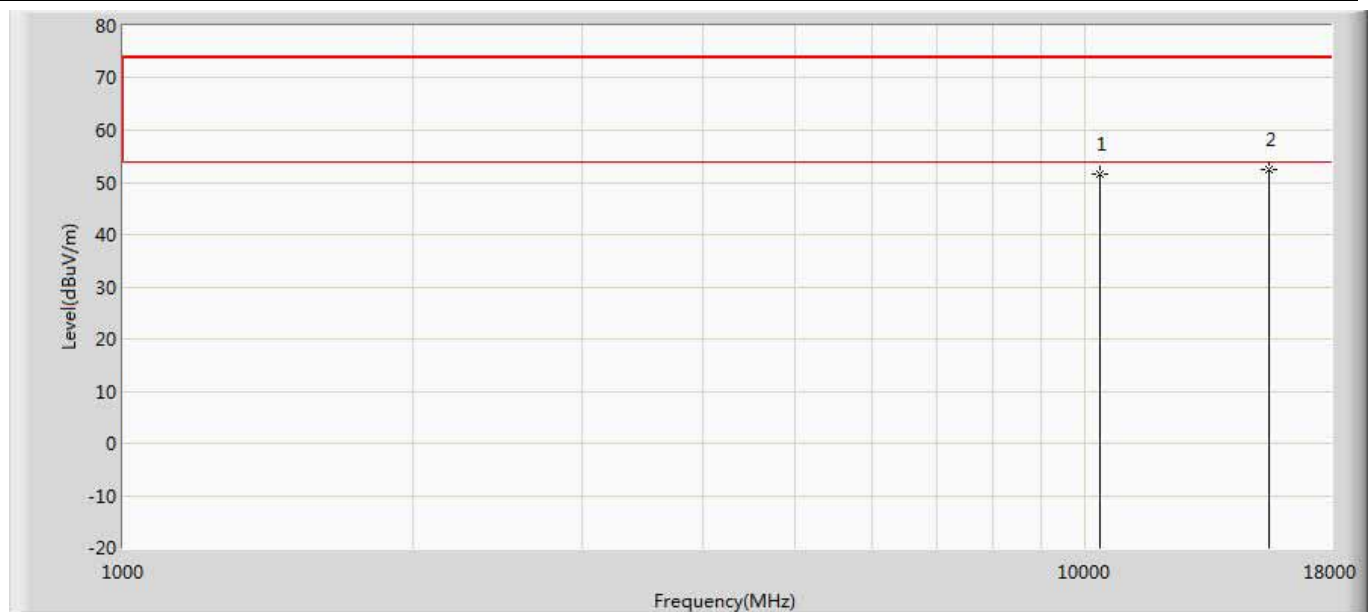
Site: AC5	Time: 2017/06/05 - 11:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode 12:Transmit at channel 5775MHz by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	50.286	34.216	-23.714	74.000	16.070	PK
2	*	17325.000	51.221	30.114	-22.779	74.000	21.107	PK

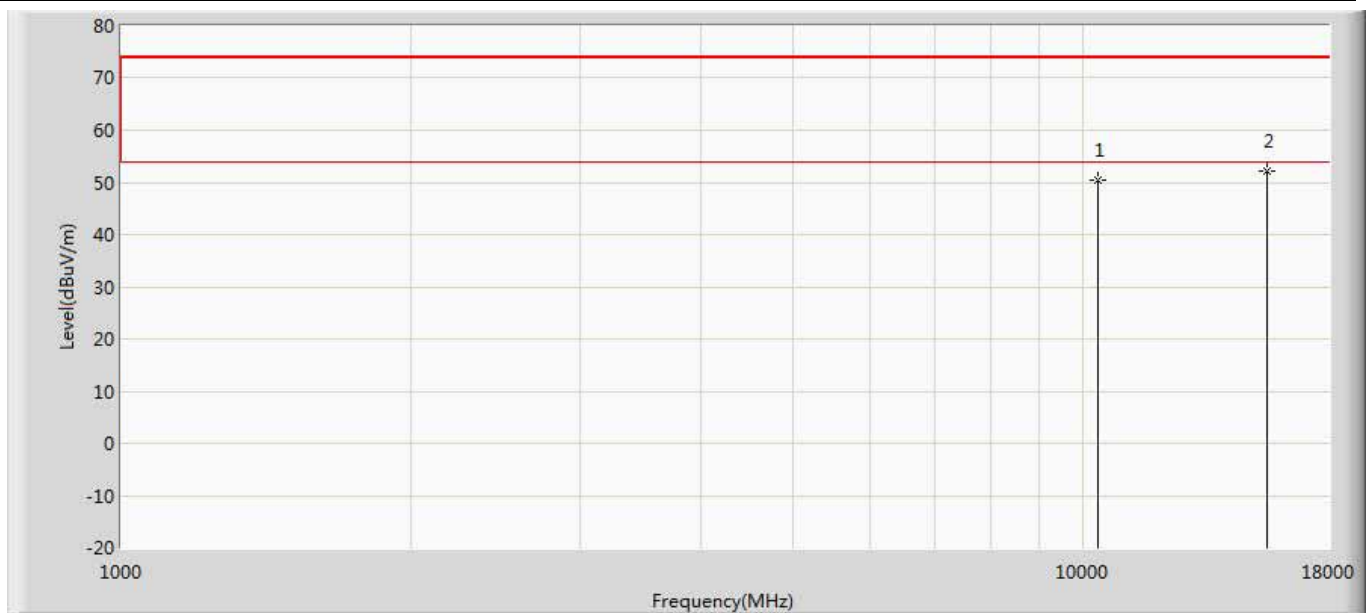
Beam-forming:

Site: AC5	Time: 2017/06/10 - 15:38
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: Mode13:Transmit at CH5180 by802.11n20 beamforming	



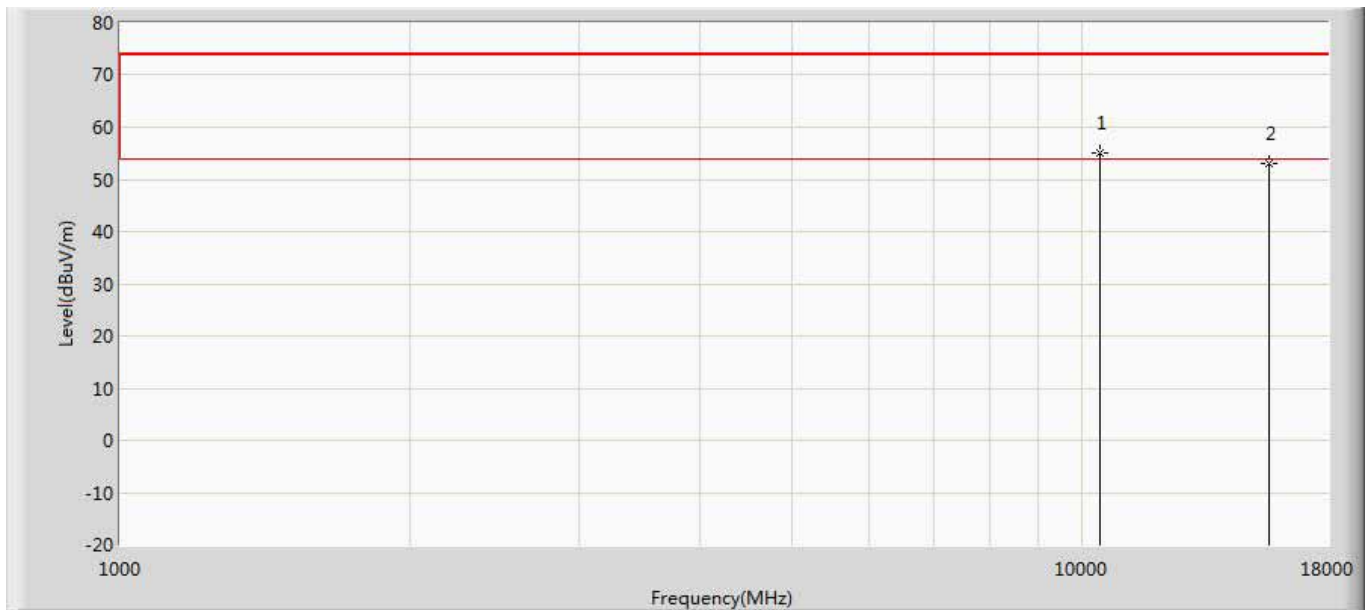
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	51.698	34.787	-22.302	74.000	16.911	PK
2	*	15540.000	52.396	29.903	-21.604	74.000	22.492	PK

Site: AC5	Time: 2017/06/10 - 15:43
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: Mode13:Transmit at CH5180 by802.11n20 beamforming	



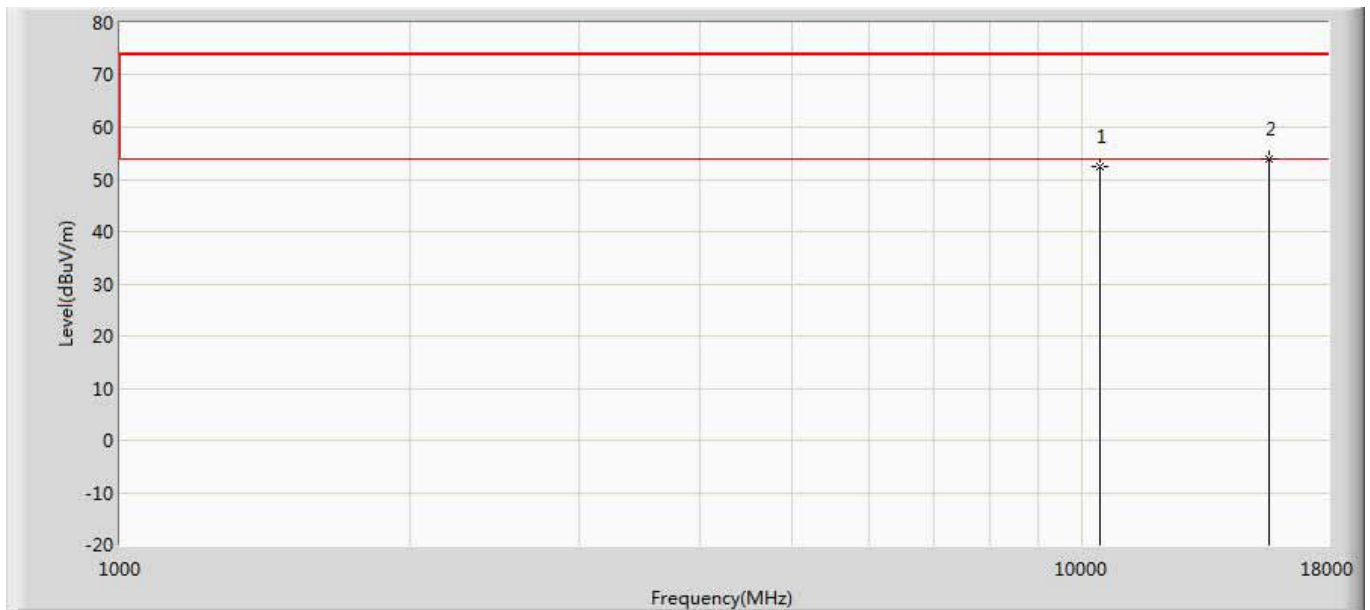
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.362	33.451	-23.638	74.000	16.911	PK
2	*	15540.000	52.125	29.632	-21.875	74.000	22.492	PK

Site: AC5	Time: 2017/06/10 - 15:44
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: Mode13:Transmit at CH5220 by802.11n20 beamforming	



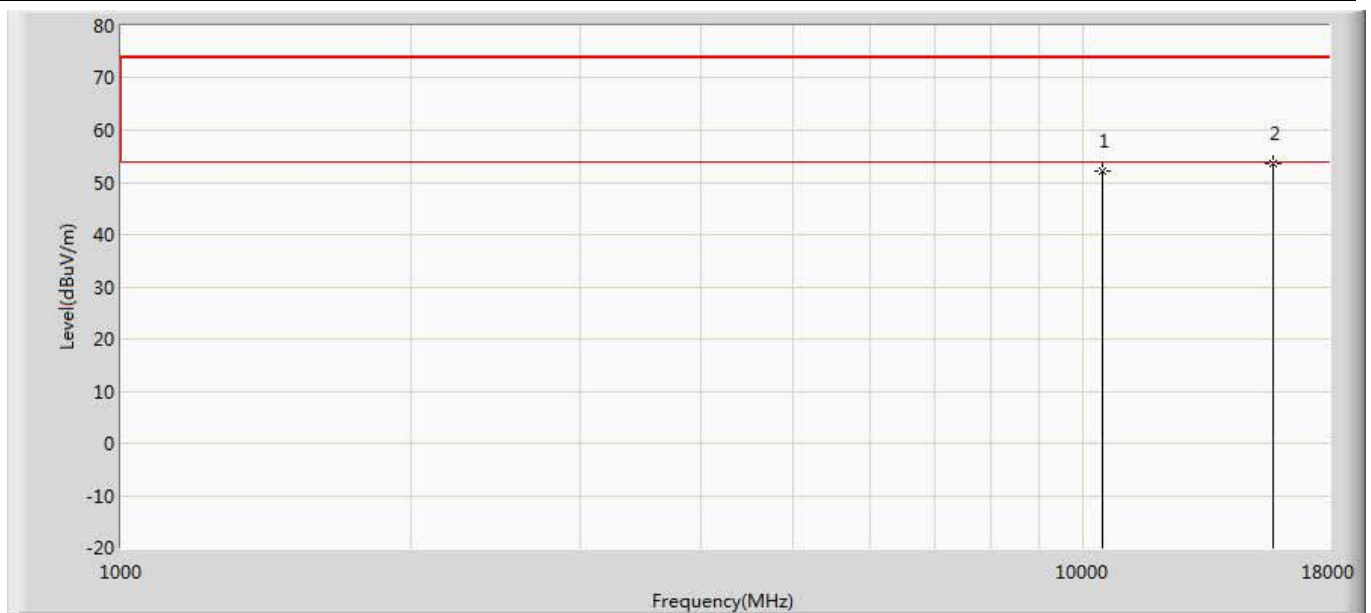
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10440.000	55.162	37.569	-18.838	74.000	17.593	PK
2		15660.000	53.012	30.224	-20.988	74.000	22.789	PK

Site: AC5	Time: 2017/06/10 - 15:46
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: Mode13:Transmit at CH5220 by802.11n20 beamforming	



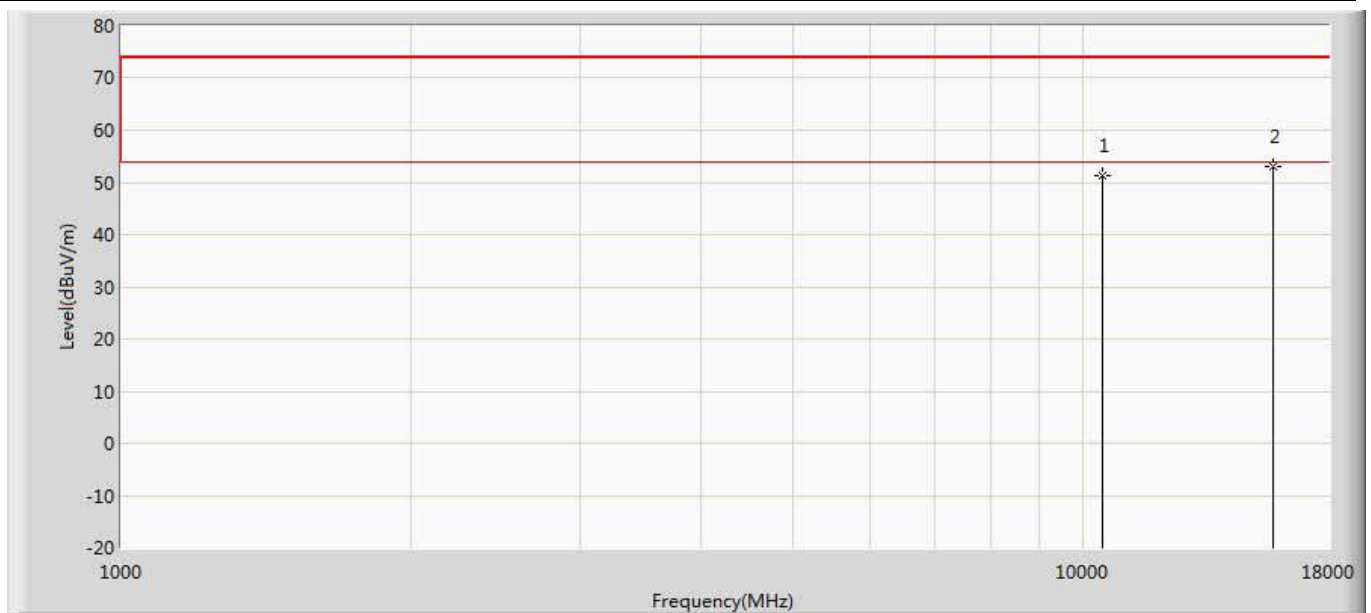
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	52.361	34.768	-21.639	74.000	17.593	PK
2	*	15660.000	53.962	31.174	-20.038	74.000	22.789	PK

Site: AC5	Time: 2017/06/10 - 15:47
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: Mode13:Transmit at CH5240 by802.11n20 beamforming	



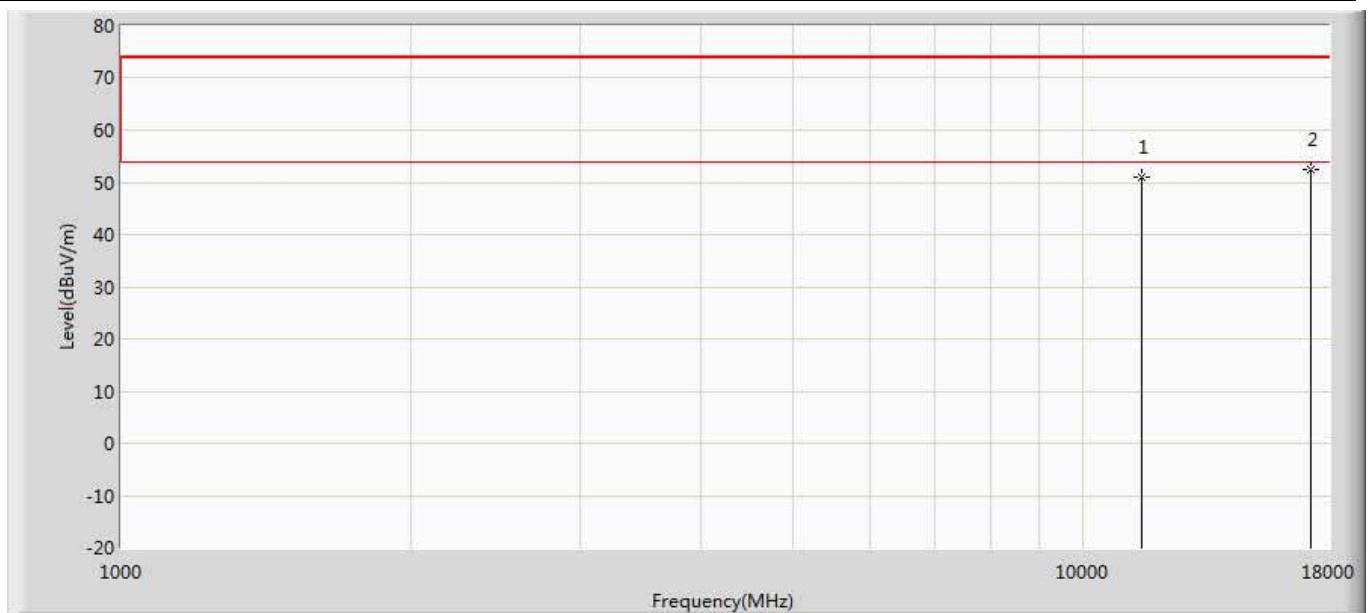
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	52.165	34.500	-21.835	74.000	17.664	PK
2	*	15720.000	53.615	30.185	-20.385	74.000	23.431	PK

Site: AC5	Time: 2017/06/10 - 15:48
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: Mode13:Transmit at CH5240 by802.11n20 beamforming	



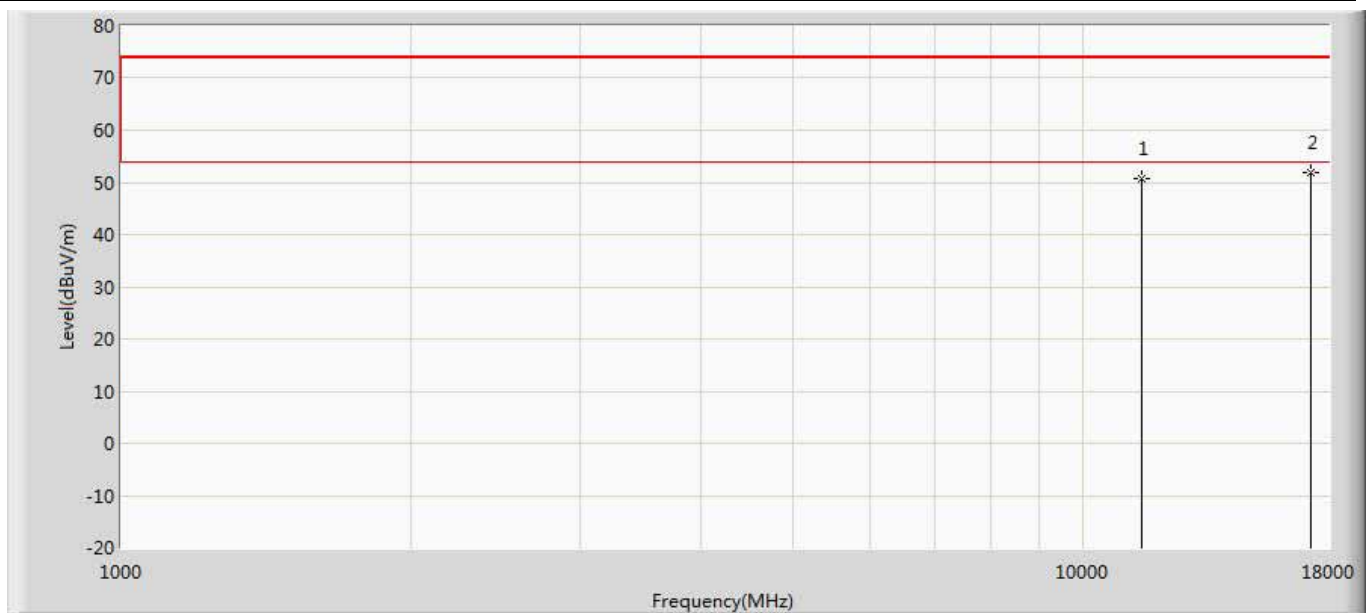
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.362	33.697	-22.638	74.000	17.664	PK
2	*	15720.000	52.982	29.552	-21.018	74.000	23.431	PK

Site: AC5	Time: 2017/06/10 - 17:14
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: Mode13:Transmit at CH5745 by802.11n20 beamforming	



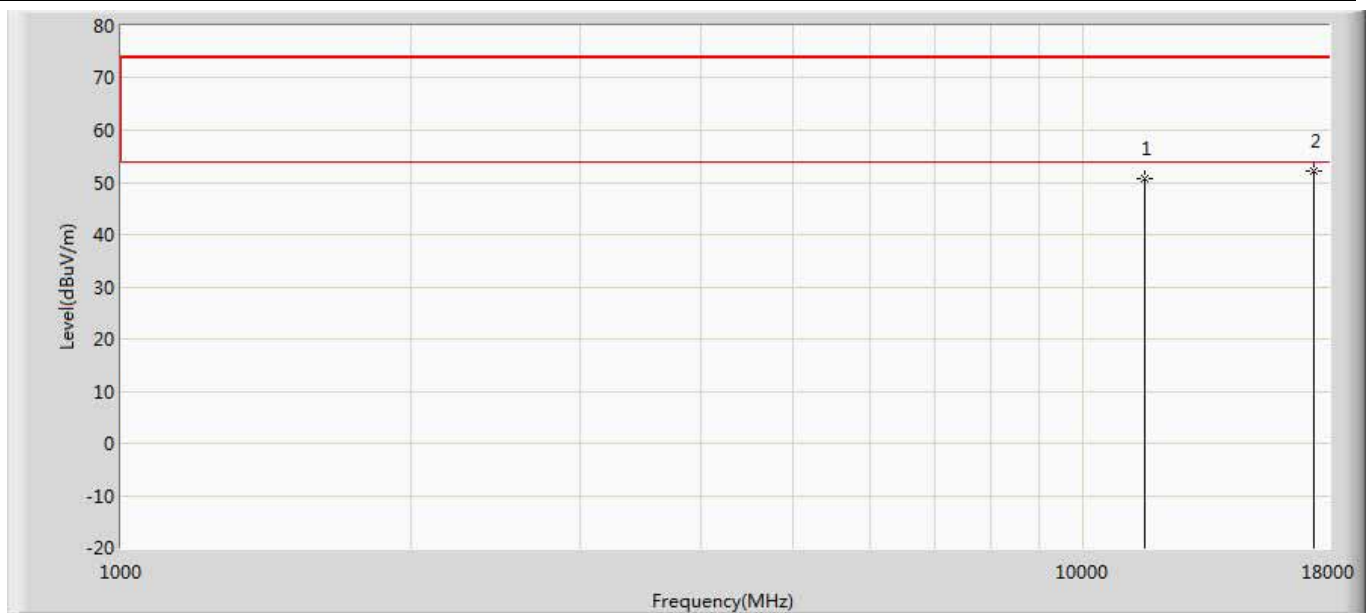
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.001	31.453	-22.999	74.000	19.548	PK
2	*	17235.000	52.330	28.403	-21.670	74.000	23.927	PK

Site: AC5	Time: 2017/06/10 - 17:18
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: Mode13:Transmit at CH5745 by802.11n20 beamforming	



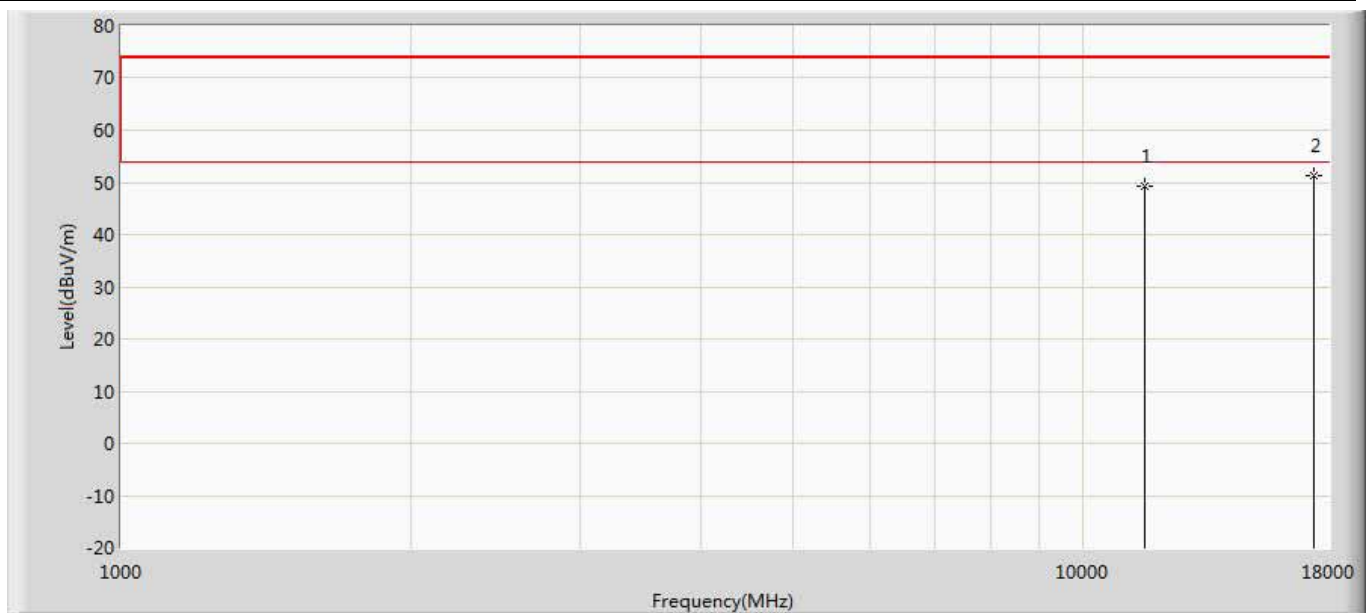
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	50.621	31.073	-23.379	74.000	19.548	PK
2	*	17235.000	51.958	28.031	-22.042	74.000	23.927	PK

Site: AC5	Time: 2017/06/10 - 17:20
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: Mode13:Transmit at CH5785 by802.11n20 beamforming	



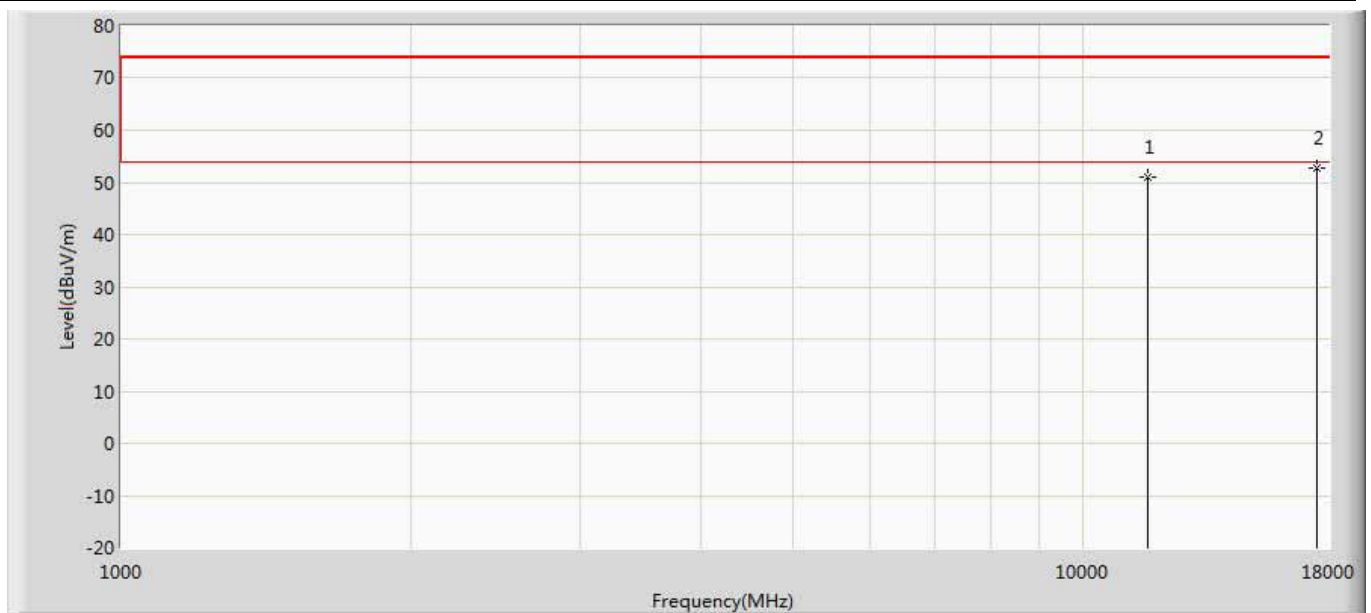
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.685	30.413	-23.315	74.000	20.273	PK
2	*	17355.000	52.175	27.287	-21.825	74.000	24.888	PK

Site: AC5	Time: 2017/06/10 - 17:23
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: Mode13:Transmit at CH5785 by802.11n20 beamforming	



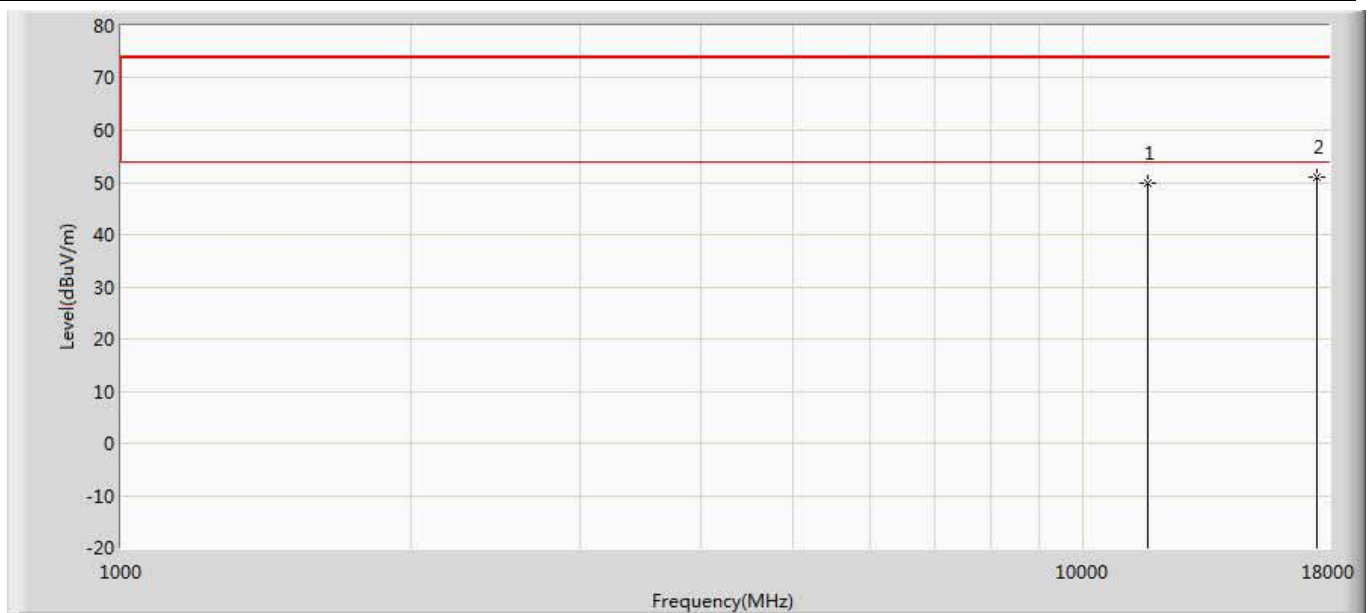
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	49.220	28.948	-24.780	74.000	20.273	PK
2	*	17355.000	51.287	26.399	-22.713	74.000	24.888	PK

Site: AC5	Time: 2017/06/10 - 17:25
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: Mode13:Transmit at CH5825 by802.11n20 beamforming	



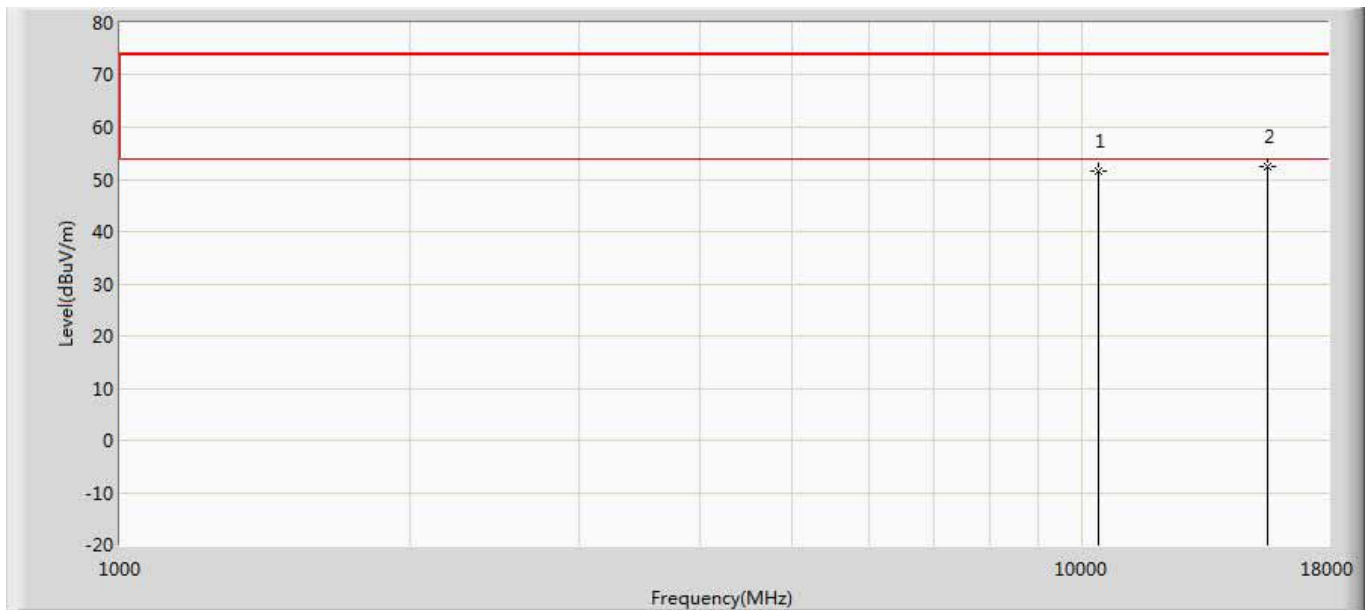
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	50.881	30.568	-23.119	74.000	20.313	PK
2	*	17475.000	52.661	27.742	-21.339	74.000	24.919	PK

Site: AC5	Time: 2017/06/10 - 17:29
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: Mode13:Transmit at CH5825 by802.11n20 beamforming	



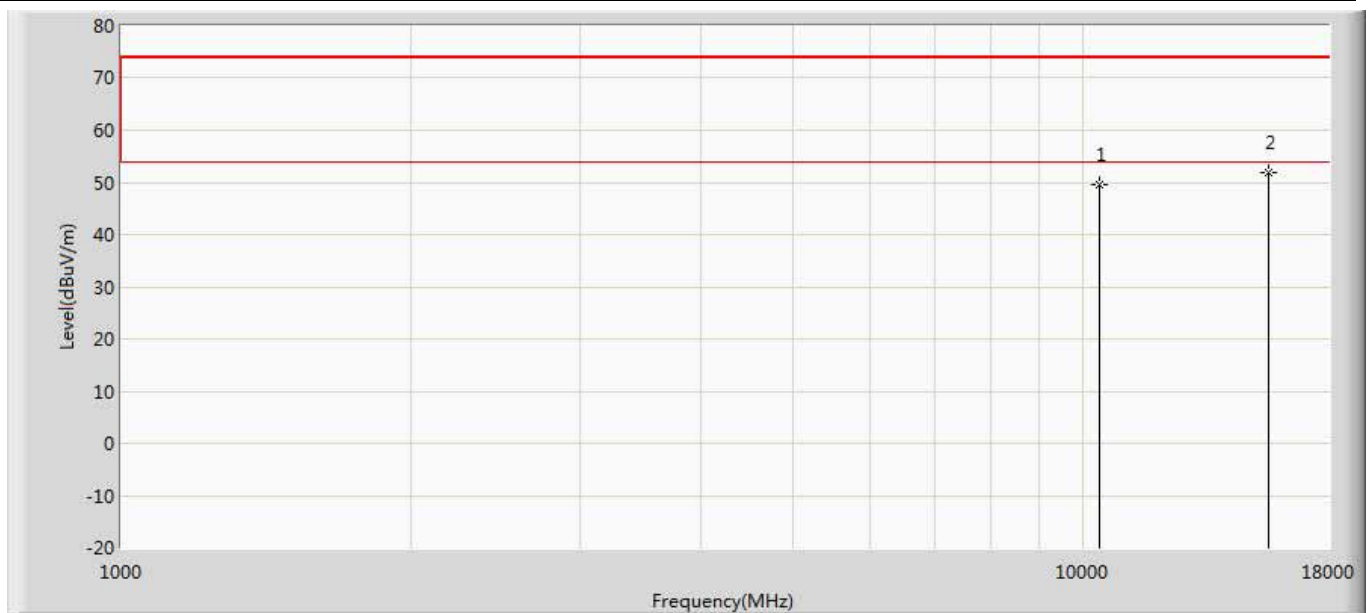
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	49.943	29.630	-24.057	74.000	20.313	PK
2	*	17475.000	51.119	26.200	-22.881	74.000	24.919	PK

Site: AC5	Time: 2017/06/10 - 17:33
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: Mode14:Transmit at CH5190 by802.11n40 beamforming	



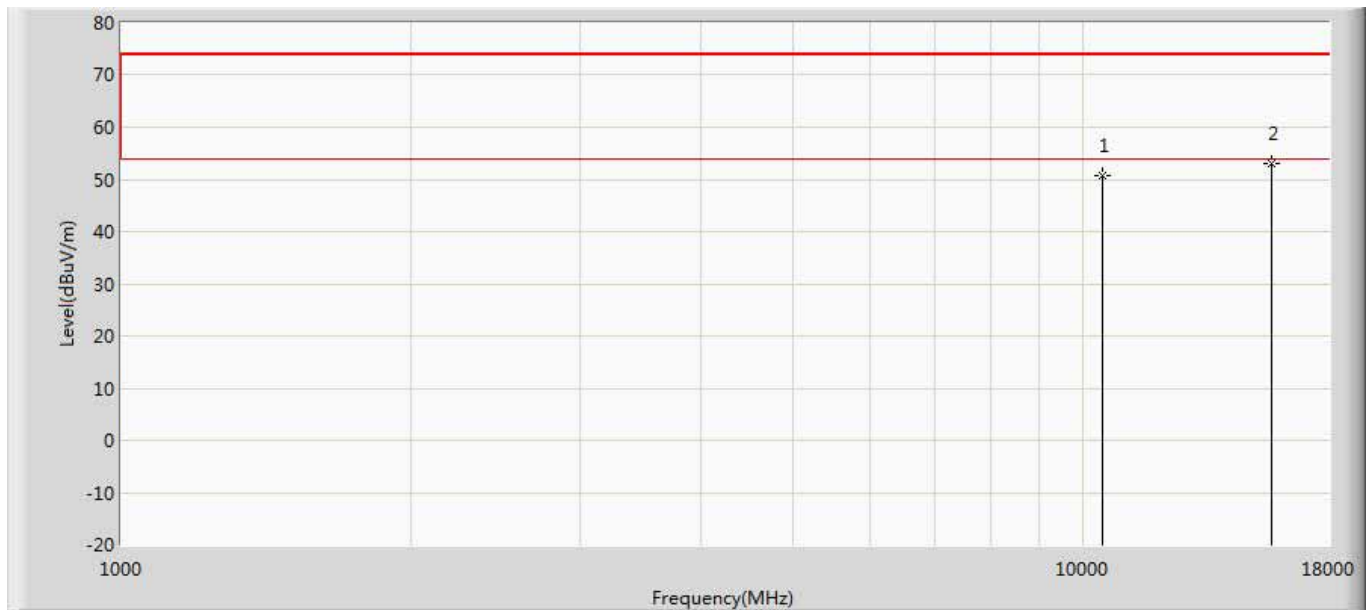
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	51.641	34.274	-22.359	74.000	17.367	PK
2	*	15570.000	52.519	29.714	-21.481	74.000	22.804	PK

Site: AC5	Time: 2017/06/10 - 17:42
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: Mode14:Transmit at CH5190 by802.11n40 beamforming	



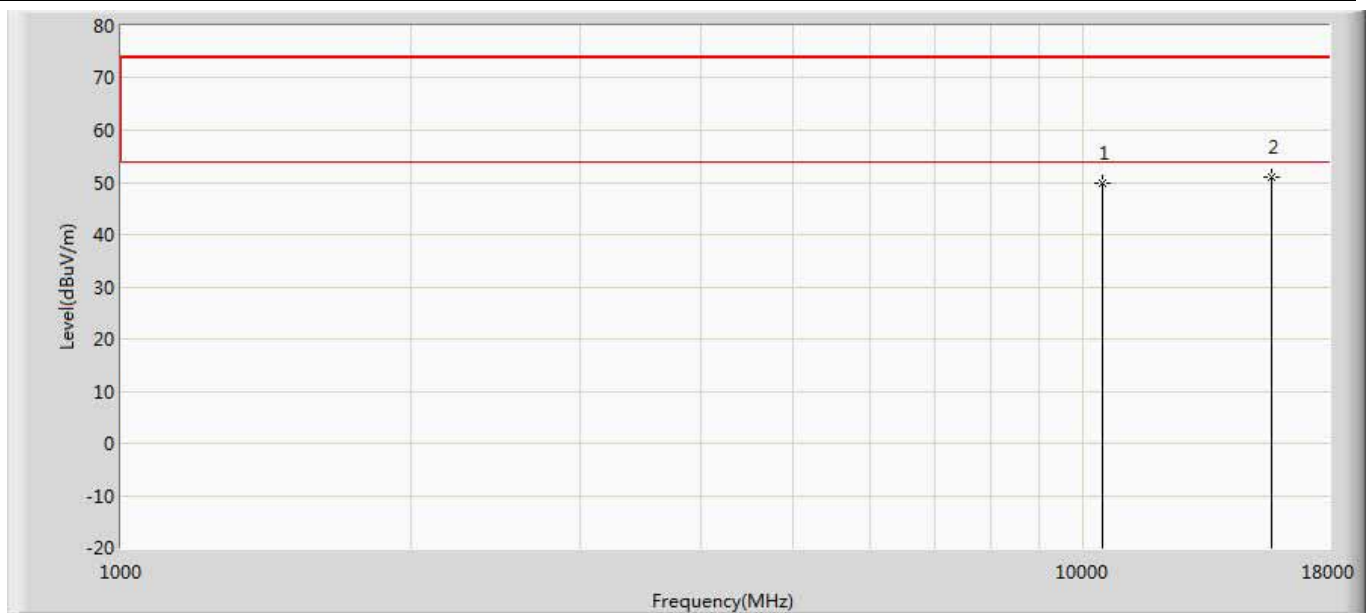
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	49.681	32.314	-24.319	74.000	17.367	PK
2	*	15570.000	51.875	29.070	-22.125	74.000	22.804	PK

Site: AC5	Time: 2017/06/10 - 17:49
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: Mode14:Transmit at CH5230 by802.11n40 beamforming	



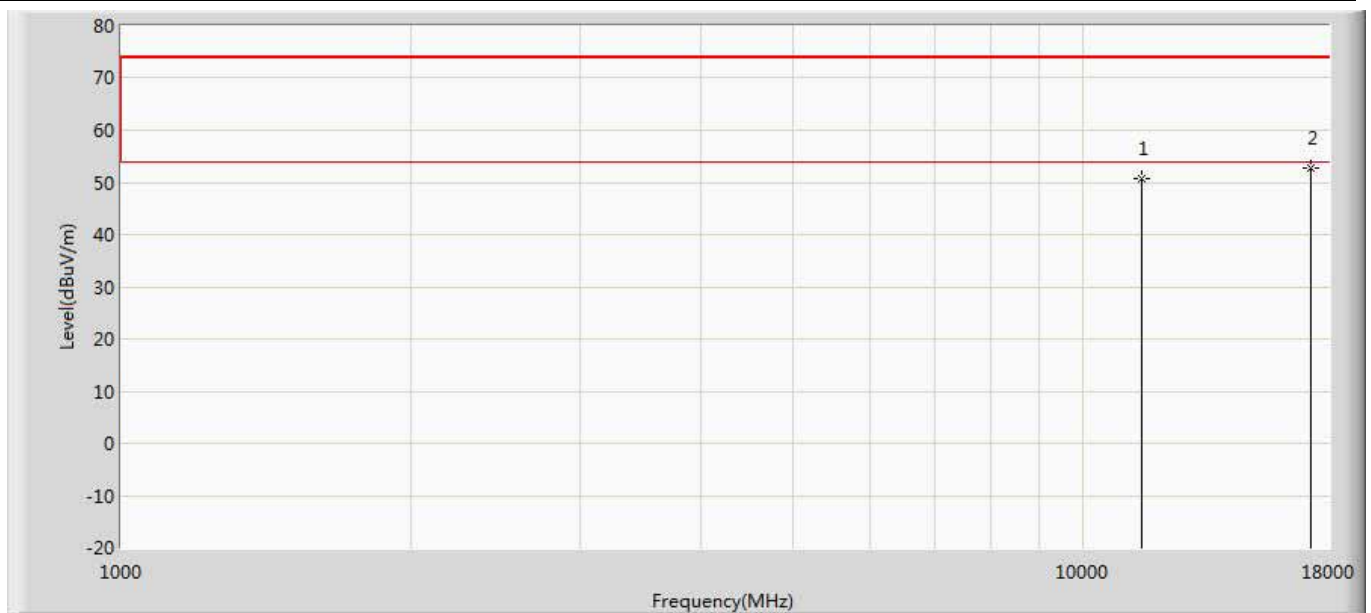
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	50.661	32.857	-23.339	74.000	17.805	PK
2	*	15690.000	53.126	29.830	-20.874	74.000	23.295	PK

Site: AC5	Time: 2017/06/10 - 17:51
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: Mode14:Transmit at CH5230 by802.11n40 beamforming	



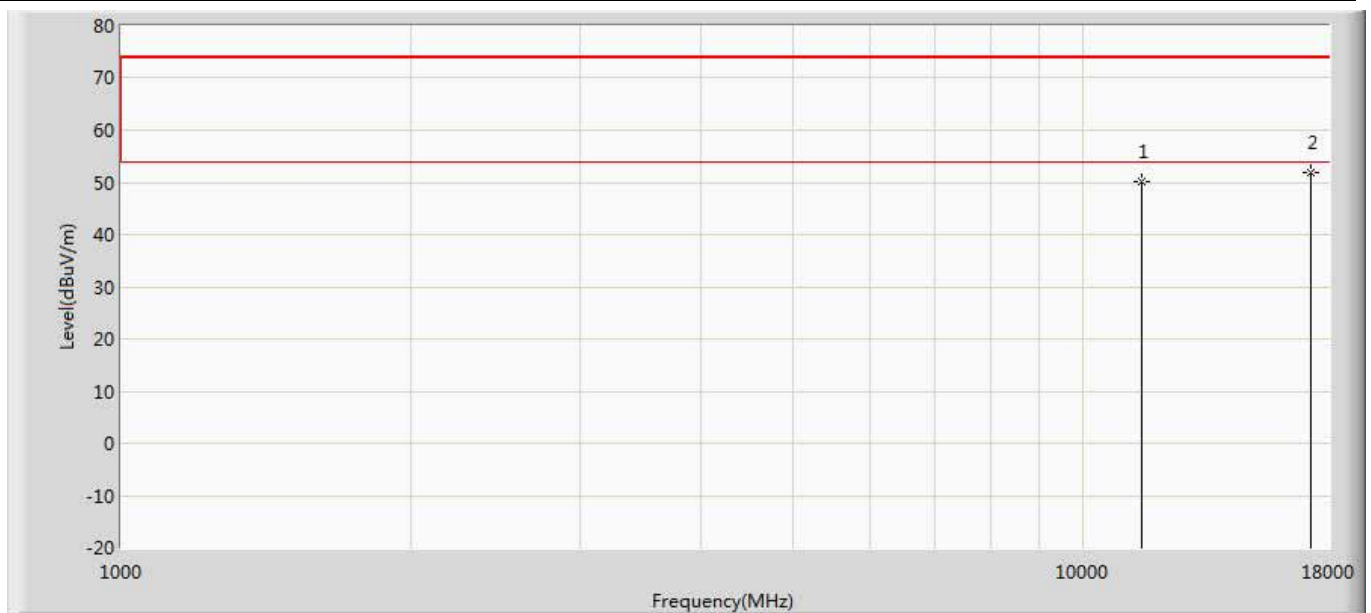
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	49.991	32.187	-24.009	74.000	17.805	PK
2	*	15690.000	51.034	27.738	-22.966	74.000	23.295	PK

Site: AC5	Time: 2017/06/11- 15:18
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: Mode14:Transmit at CH5755 by802.11n40 beamforming	



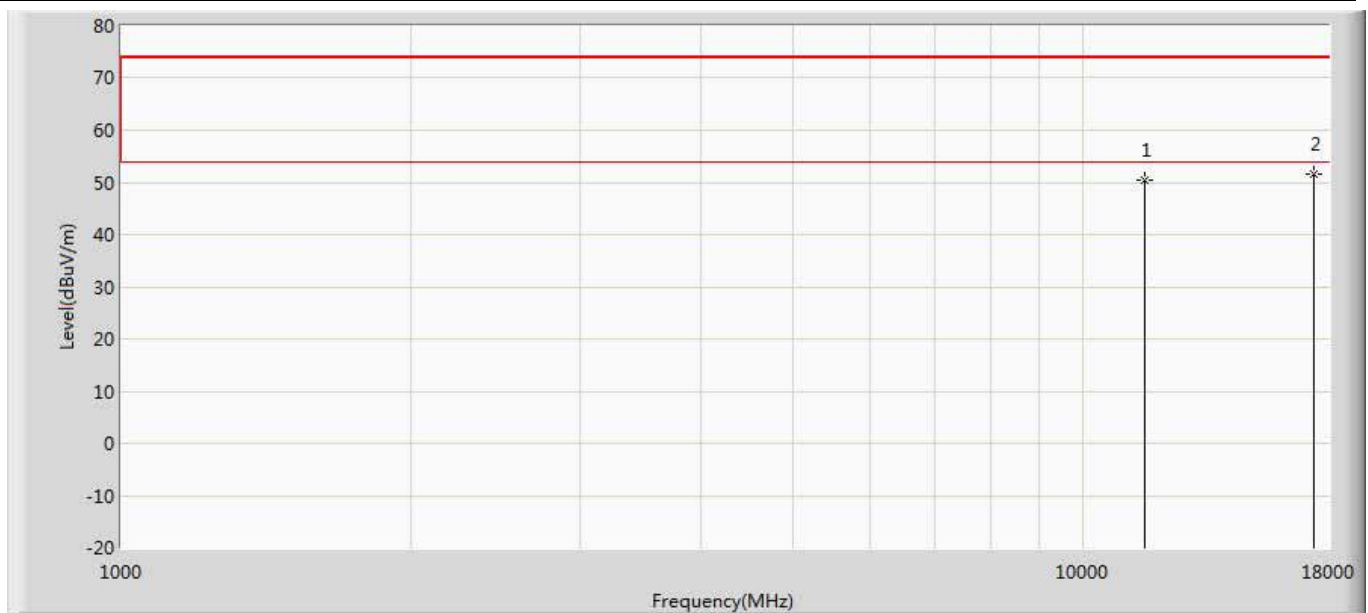
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.621	31.406	-23.379	74.000	19.215	PK
2	*	17265.000	52.691	27.826	-21.309	74.000	24.865	PK

Site: AC5	Time: 2017/06/11- 15:22
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: Mode14:Transmit at CH5755 by802.11n40 beamforming	



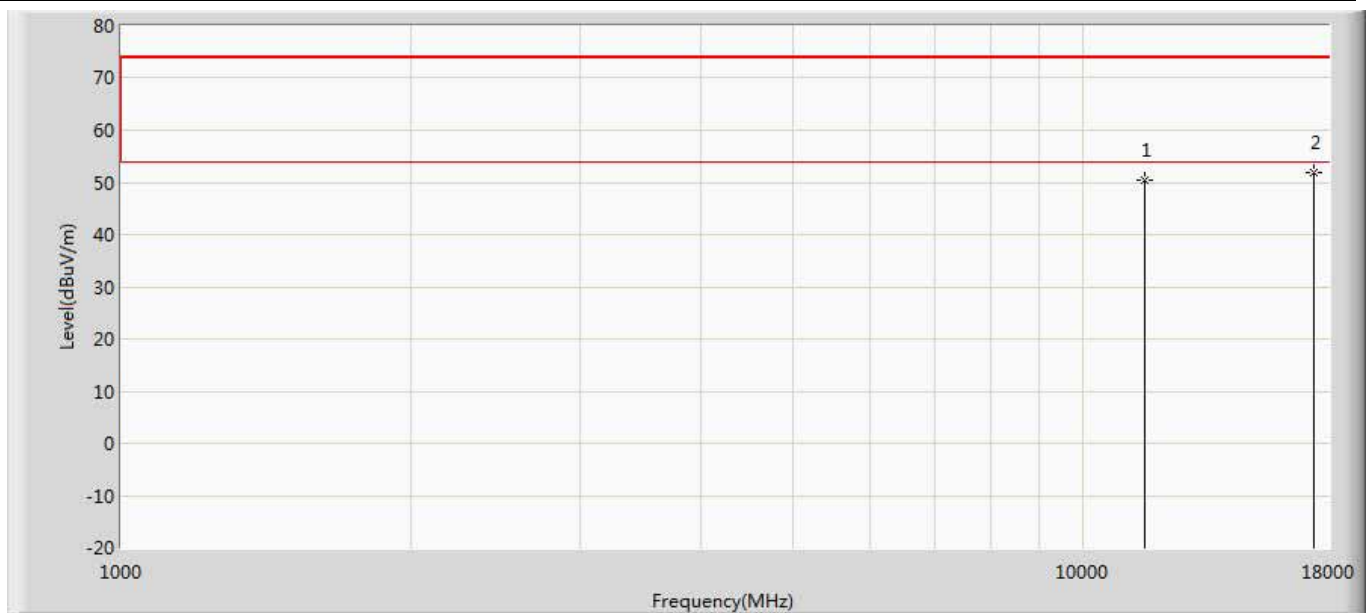
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.236	31.021	-23.764	74.000	19.215	PK
2	*	17265.000	51.768	26.903	-22.232	74.000	24.865	PK

Site: AC5	Time: 2017/06/11- 15:25
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: Mode14:Transmit at CH5795 by802.11n40 beamforming	



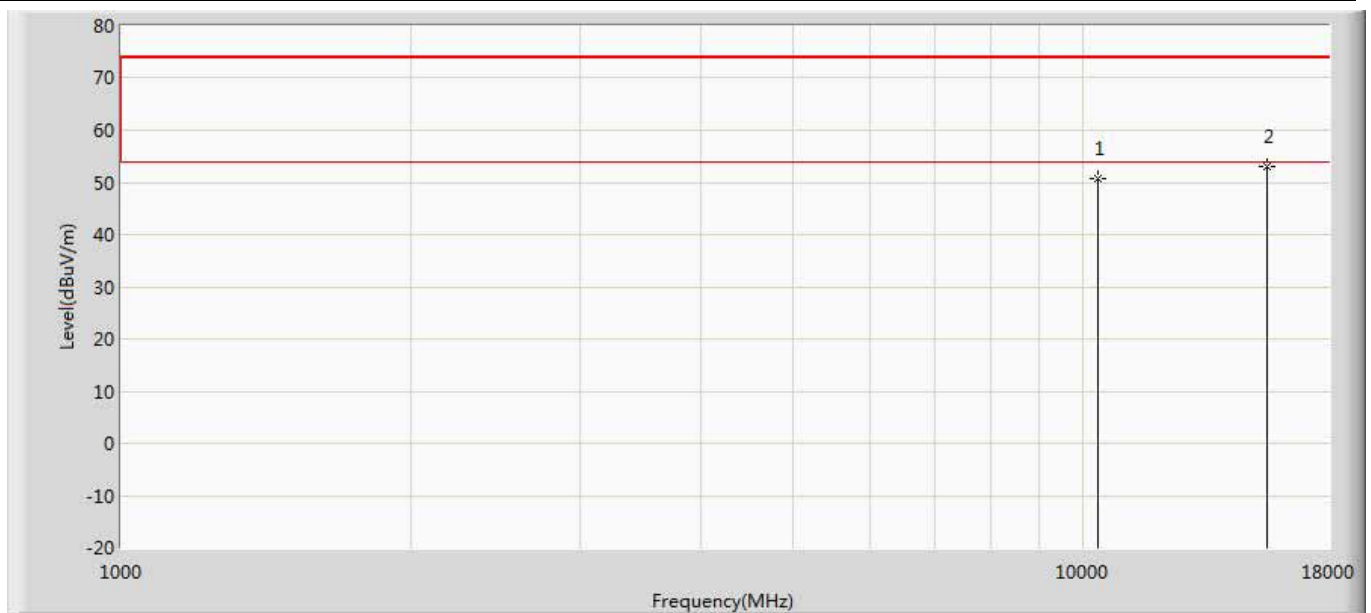
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.361	30.361	-23.639	74.000	19.999	PK
2	*	17385.000	51.681	26.210	-22.319	74.000	25.471	PK

Site: AC5	Time: 2017/06/11- 15:39
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: Mode14:Transmit at CH5795 by802.11n40 beamforming	



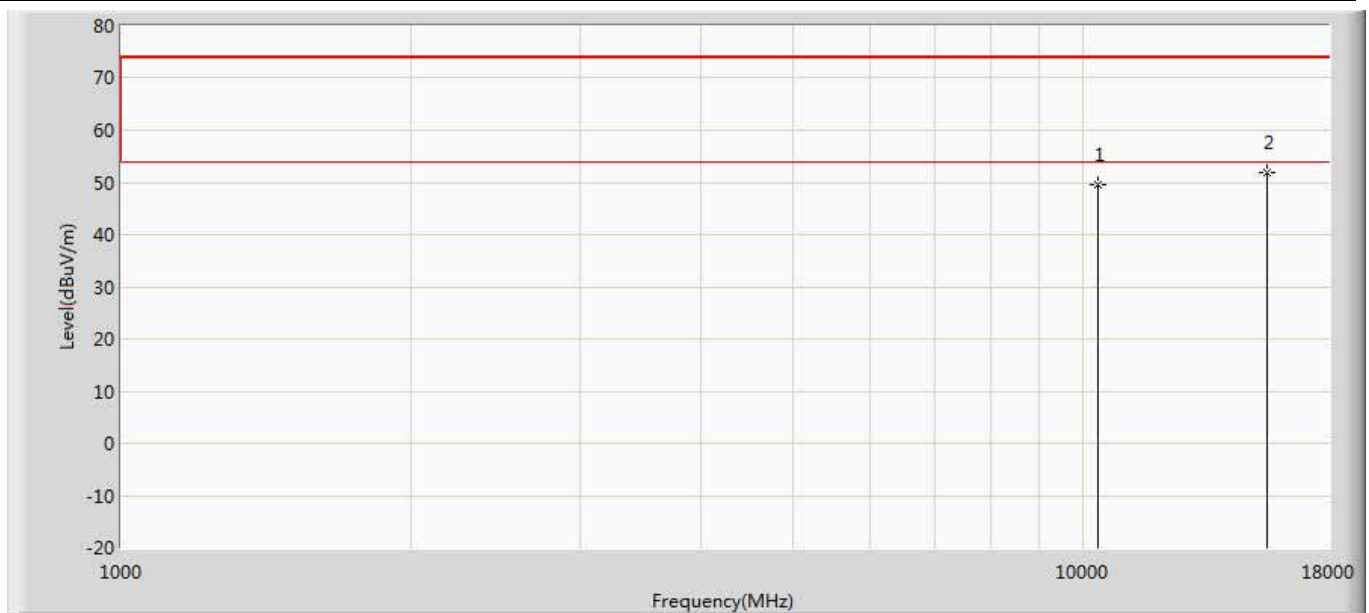
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.481	30.481	-23.519	74.000	19.999	PK
2	*	17385.000	51.966	26.495	-22.034	74.000	25.471	PK

Site: AC5	Time: 2017/06/11- 15:41
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: Mode15:Transmit at CH5180 by802.11ac20 beamforming	



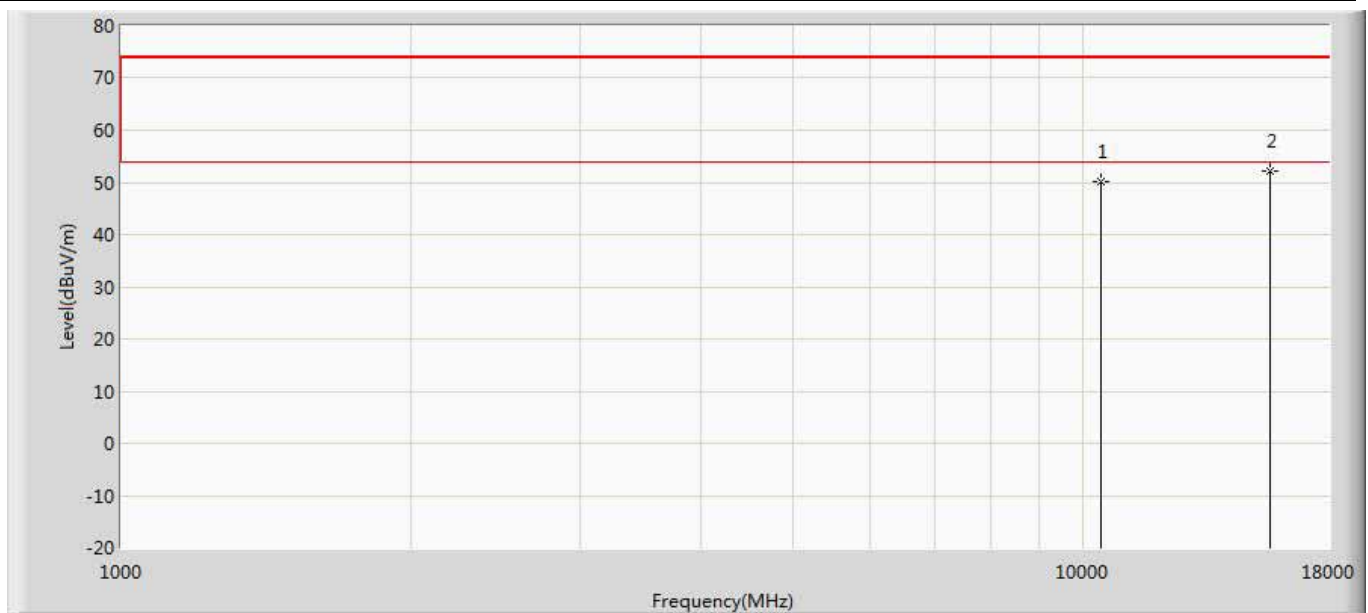
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	50.815	33.904	-23.185	74.000	16.911	PK
2	*	15540.000	53.002	30.509	-20.998	74.000	22.492	PK

Site: AC5	Time: 2017/06/11- 15:51
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: Mode15:Transmit at CH5180 by802.11ac20 beamforming	



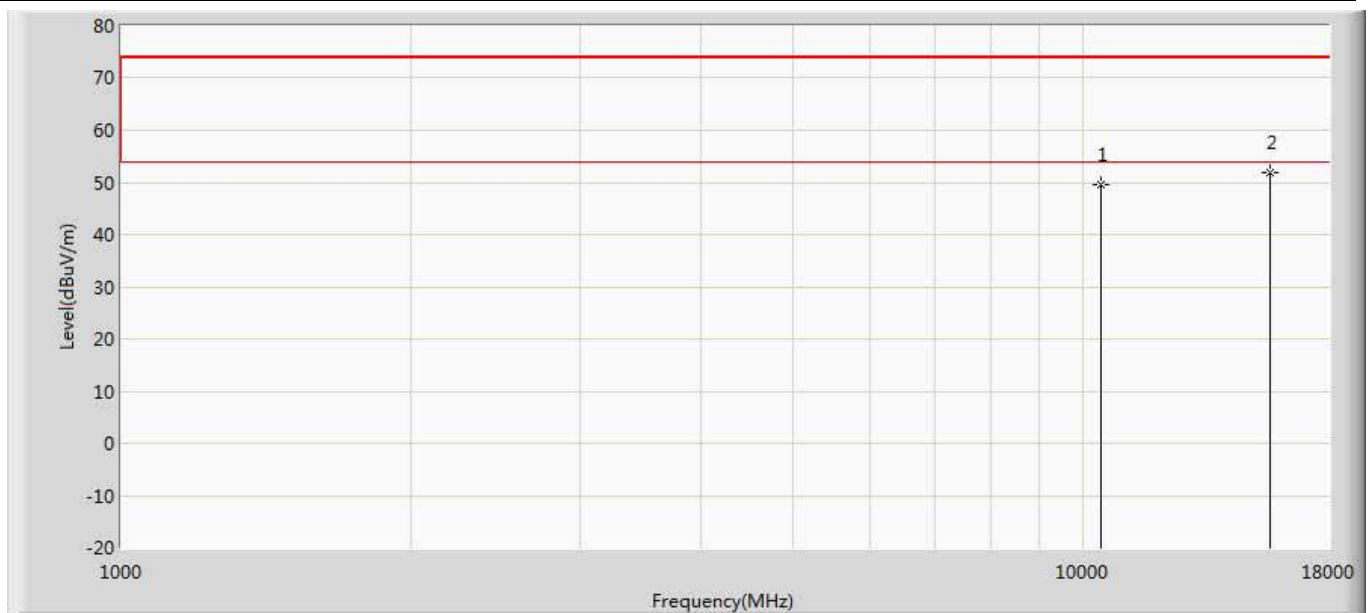
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	49.651	32.740	-24.349	74.000	16.911	PK
2	*	15540.000	51.836	29.343	-22.164	74.000	22.492	PK

Site: AC5	Time: 2017/06/11- 15:58
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: Mode15:Transmit at CH5220 by802.11ac20 beamforming	



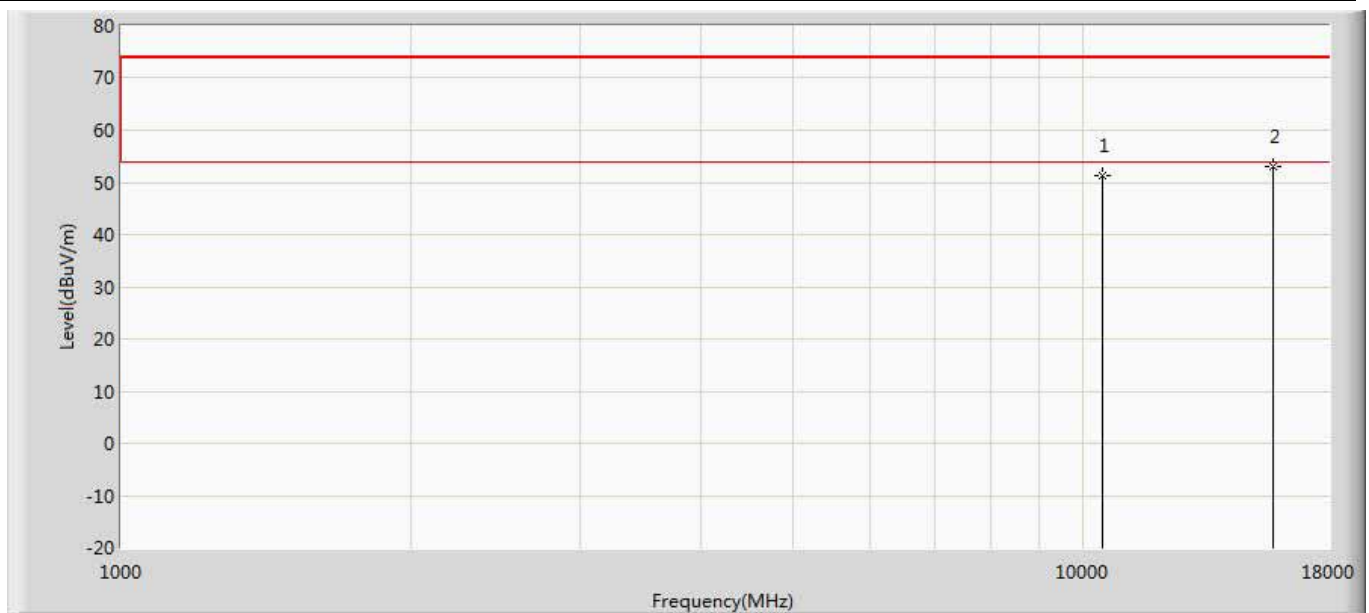
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	50.261	32.668	-23.739	74.000	17.593	PK
2	*	15660.000	52.228	29.440	-21.772	74.000	22.789	PK

Site: AC5	Time: 2017/06/11- 16:03
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: Mode15:Transmit at CH5220 by802.11ac20 beamforming	



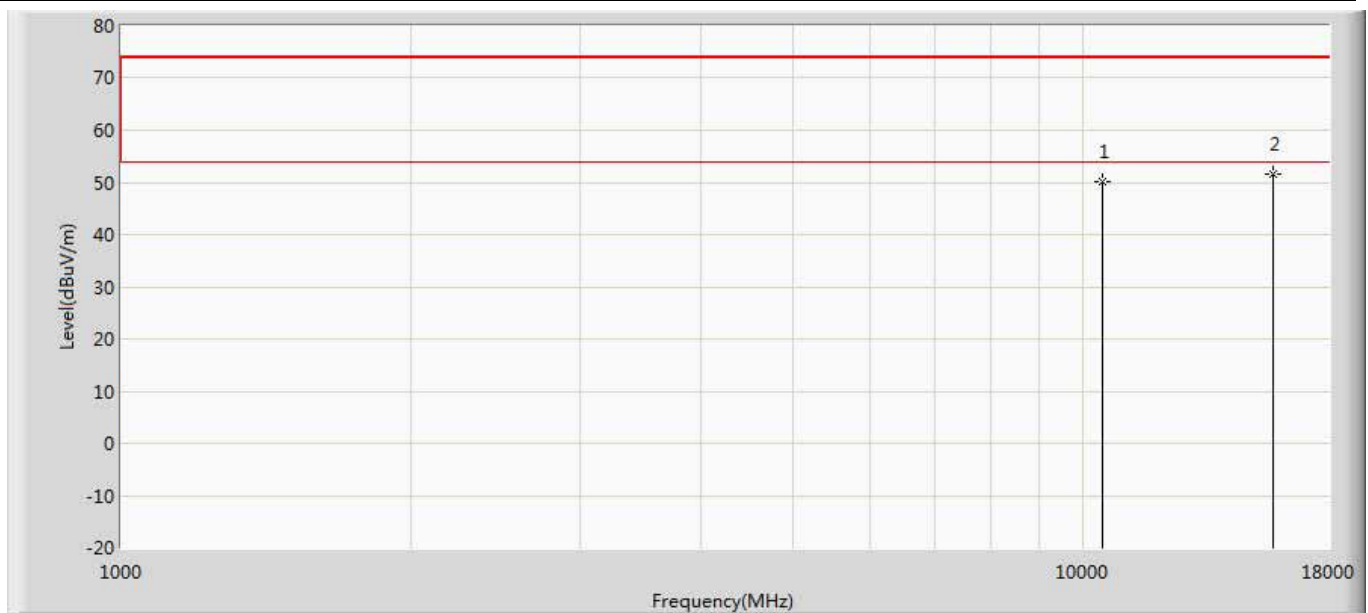
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	49.681	32.088	-24.319	74.000	17.593	PK
2	*	15660.000	51.882	29.094	-22.118	74.000	22.789	PK

Site: AC5	Time: 2017/06/11- 16:14
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: Mode15:Transmit at CH5240 by802.11ac20 beamforming	



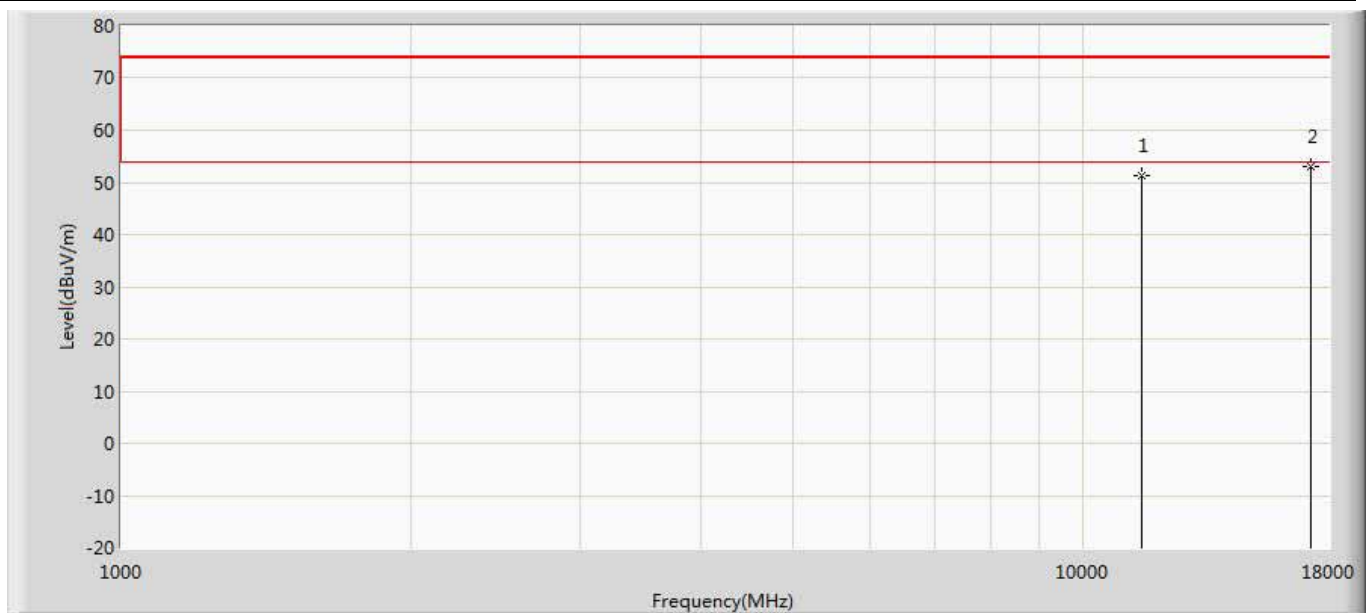
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	51.295	33.630	-22.705	74.000	17.664	PK
2	*	15720.000	52.996	29.566	-21.004	74.000	23.431	PK

Site: AC5	Time: 2017/06/11- 16:25
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: Mode15:Transmit at CH5240 by802.11ac20 beamforming	



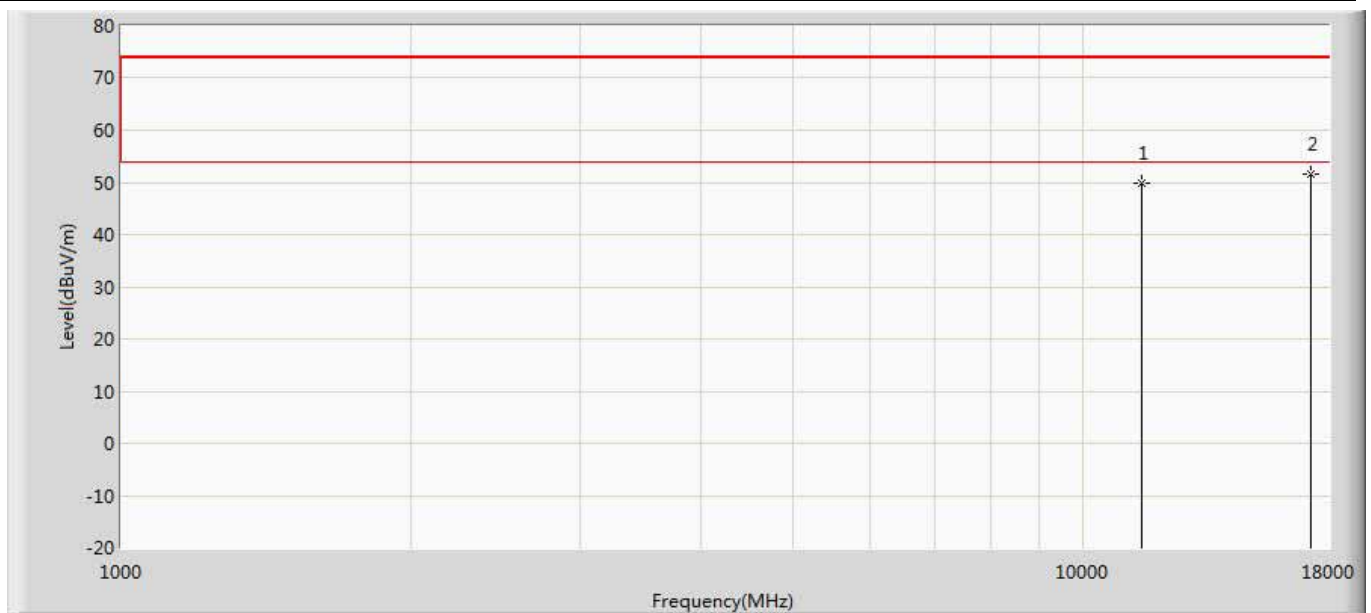
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	50.021	32.356	-23.979	74.000	17.664	PK
2	*	15720.000	51.695	28.265	-22.305	74.000	23.431	PK

Site: AC5	Time: 2017/06/11- 17:26
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: Mode15:Transmit at CH5745 by802.11ac20 beamforming	



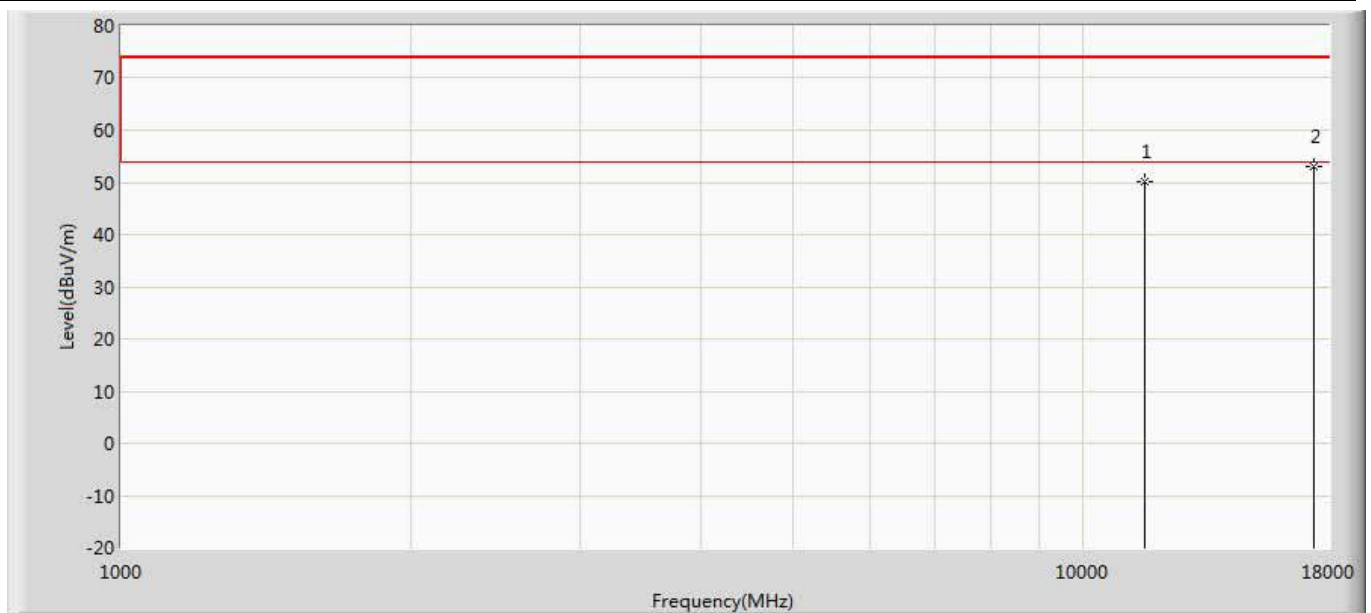
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	51.262	31.714	-22.738	74.000	19.548	PK
2	*	17235.000	53.034	29.107	-20.966	74.000	23.927	PK

Site: AC5	Time: 2017/06/11- 17:27
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: Mode15:Transmit at CH5745 by802.11ac20 beamforming	



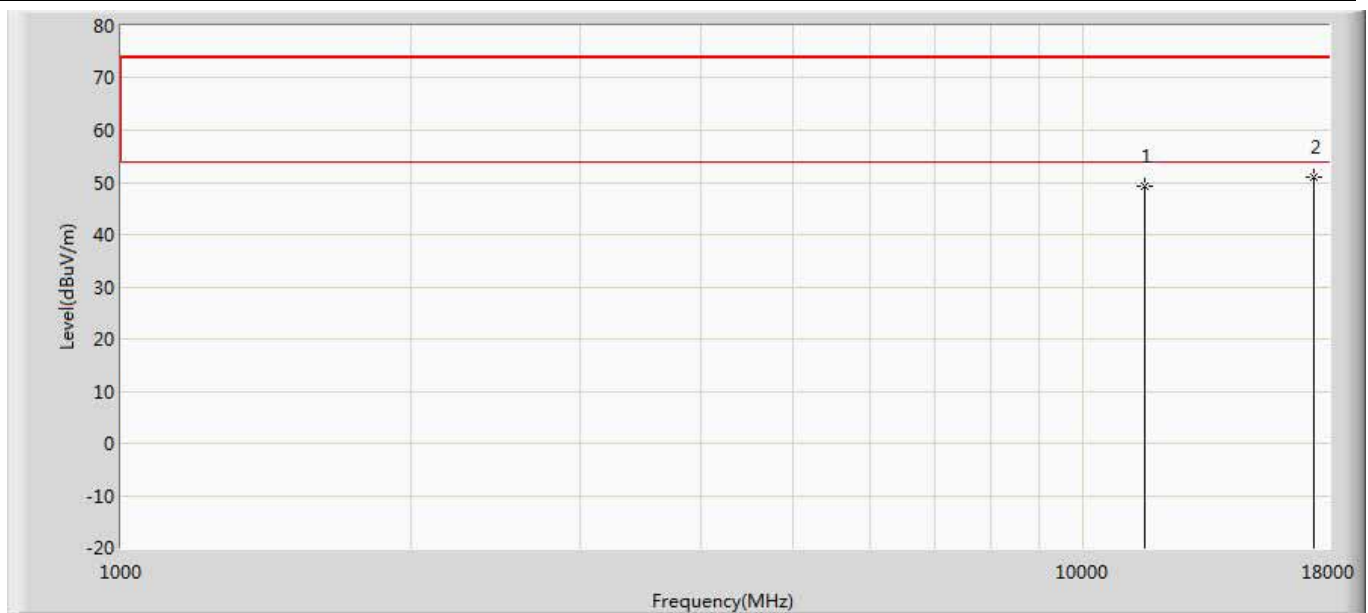
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	49.962	30.414	-24.038	74.000	19.548	PK
2	*	17235.000	51.561	27.634	-22.439	74.000	23.927	PK

Site: AC5	Time: 2017/06/11- 17:30
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: Mode15:Transmit at CH5785 by802.11ac20 beamforming	



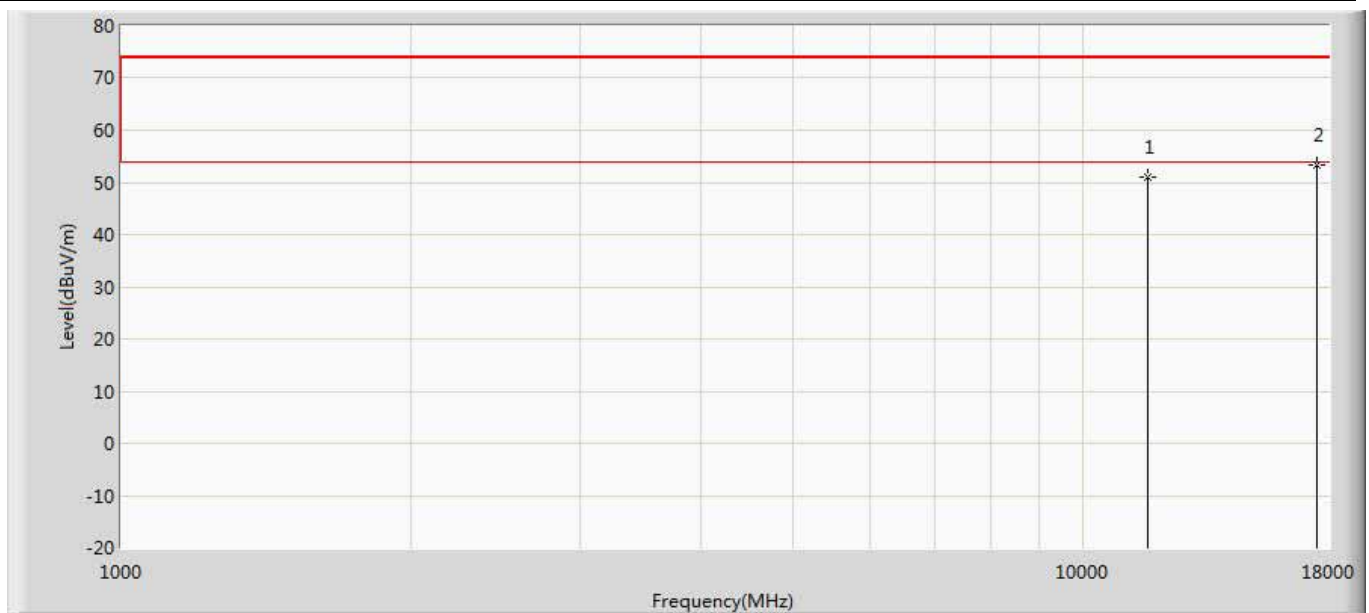
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	50.156	29.884	-23.844	74.000	20.273	PK
2	*	17355.000	52.991	28.103	-21.009	74.000	24.888	PK

Site: AC5	Time: 2017/06/11- 17:31
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: Mode15:Transmit at CH5785 by802.11ac20 beamforming	



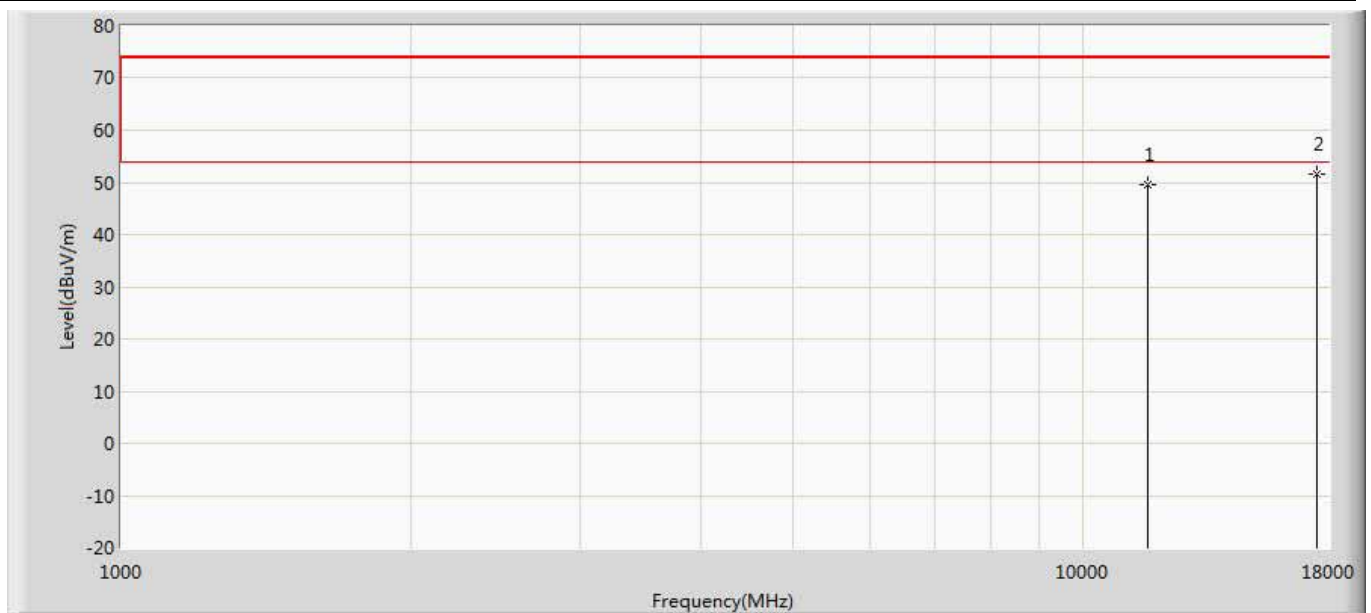
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	49.133	28.861	-24.867	74.000	20.273	PK
2	*	17355.000	51.043	26.155	-22.957	74.000	24.888	PK

Site: AC5	Time: 2017/06/11- 17:33
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: Mode15:Transmit at CH5825 by802.11ac20 beamforming	



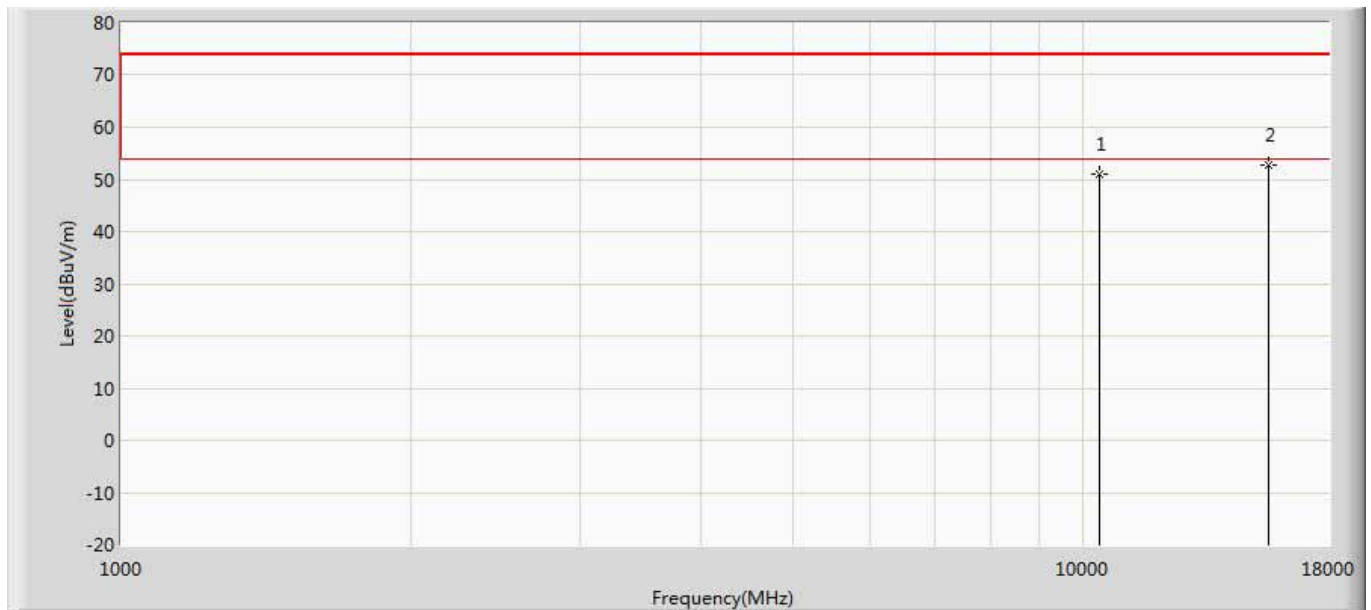
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	51.021	30.708	-22.979	74.000	20.313	PK
2	*	17475.000	53.267	28.348	-20.733	74.000	24.919	PK

Site: AC5	Time: 2017/06/11- 17:35
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: Mode15:Transmit at CH5825 by802.11ac20 beamforming	



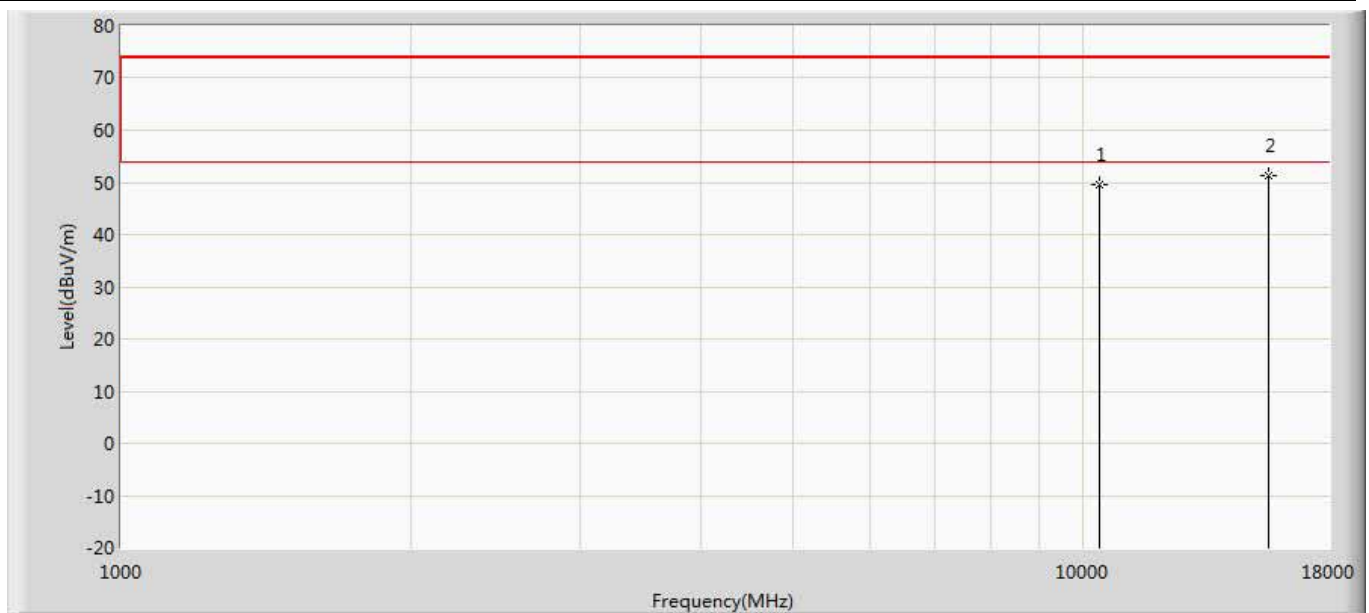
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	49.611	29.298	-24.389	74.000	20.313	PK
2	*	17475.000	51.525	26.606	-22.475	74.000	24.919	PK

Site: AC5	Time: 2017/06/11- 17:37
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: Mode16:Transmit at CH5190 by802.11ac40 beamforming	



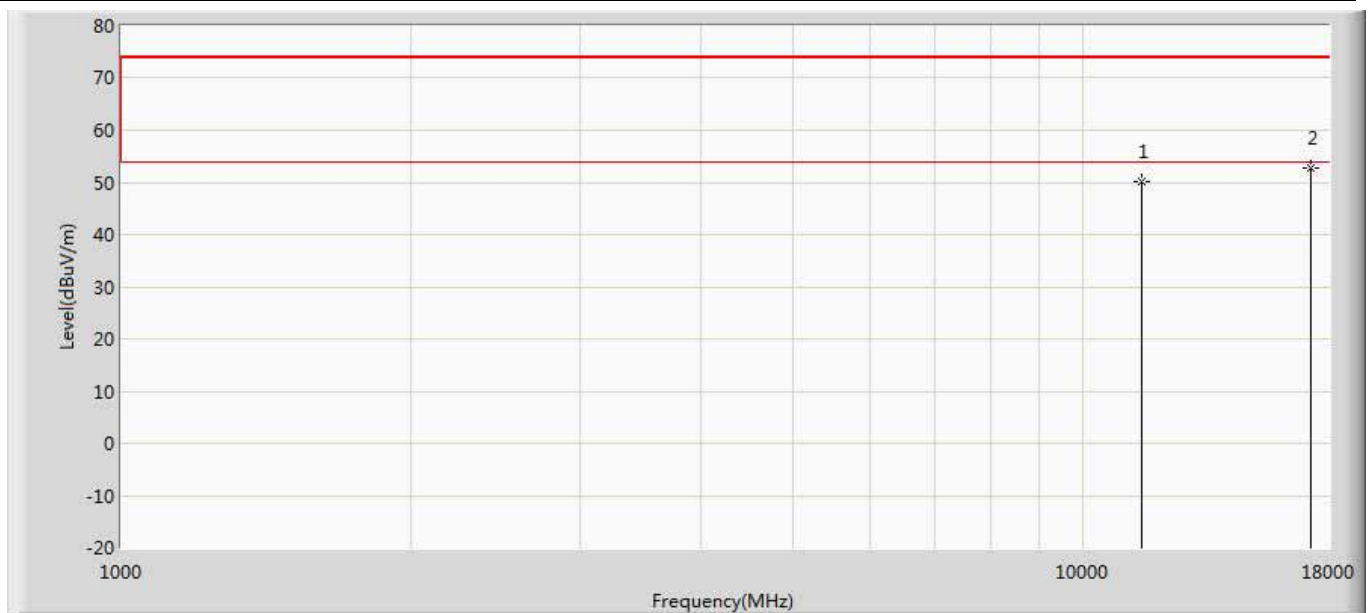
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	50.891	33.524	-23.109	74.000	17.367	PK
2	*	15570.000	52.758	29.953	-21.242	74.000	22.804	PK

Site: AC5	Time: 2017/06/11- 17:38
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: Mode16:Transmit at CH5190 by802.11ac40 beamforming	



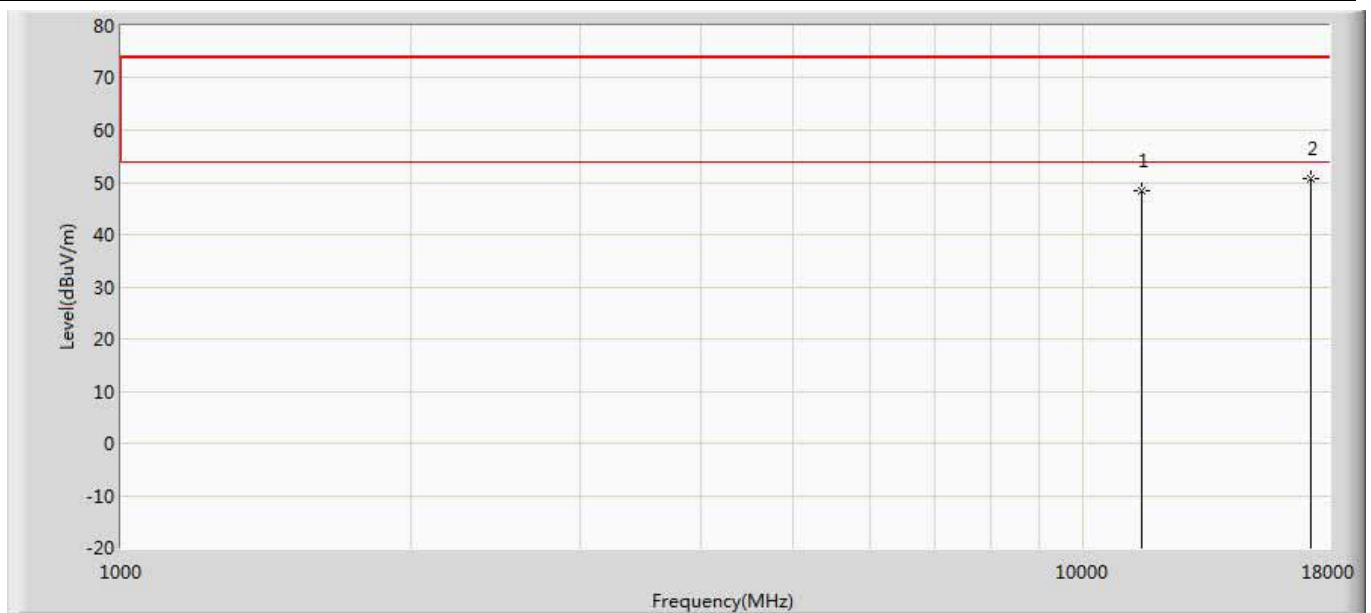
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	49.606	32.239	-24.394	74.000	17.367	PK
2	*	15570.000	51.201	28.396	-22.799	74.000	22.804	PK

Site: AC5	Time: 2017/06/11- 17:58
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: Mode16:Transmit at CH5755 by802.11ac40 beamforming	



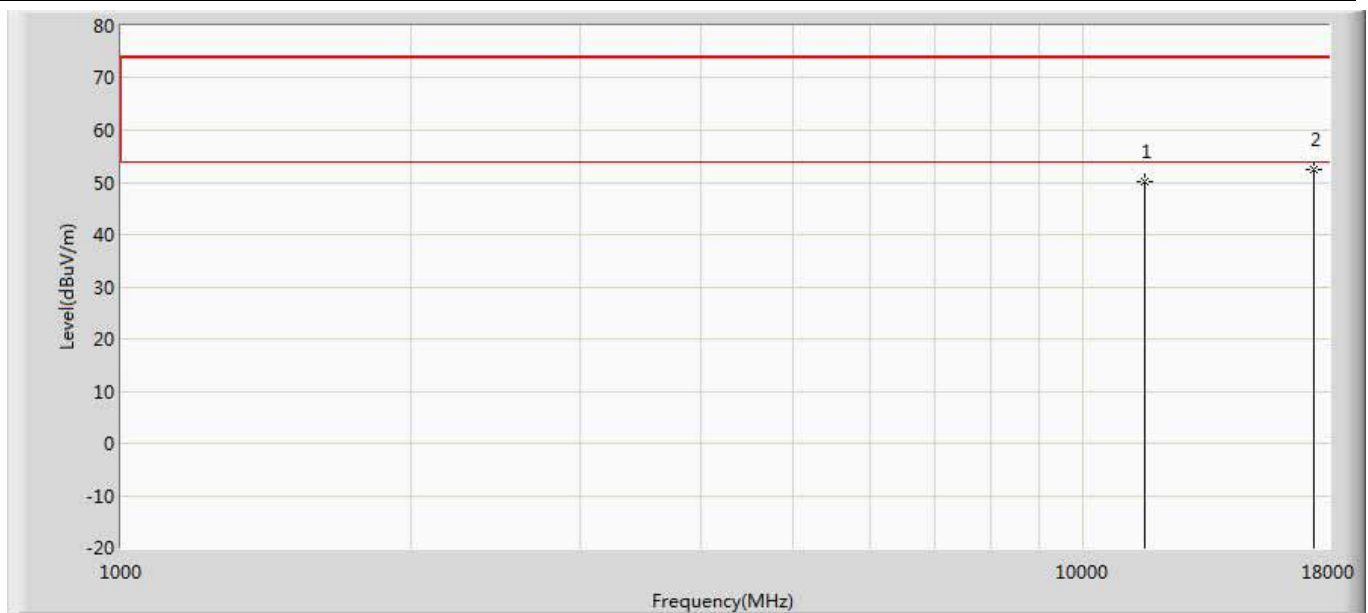
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	50.238	31.023	-23.762	74.000	19.215	PK
2	*	17265.000	52.681	27.816	-21.319	74.000	24.865	PK

Site: AC5	Time: 2017/06/11- 18:02
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: Mode16:Transmit at CH5755 by802.11ac40 beamforming	



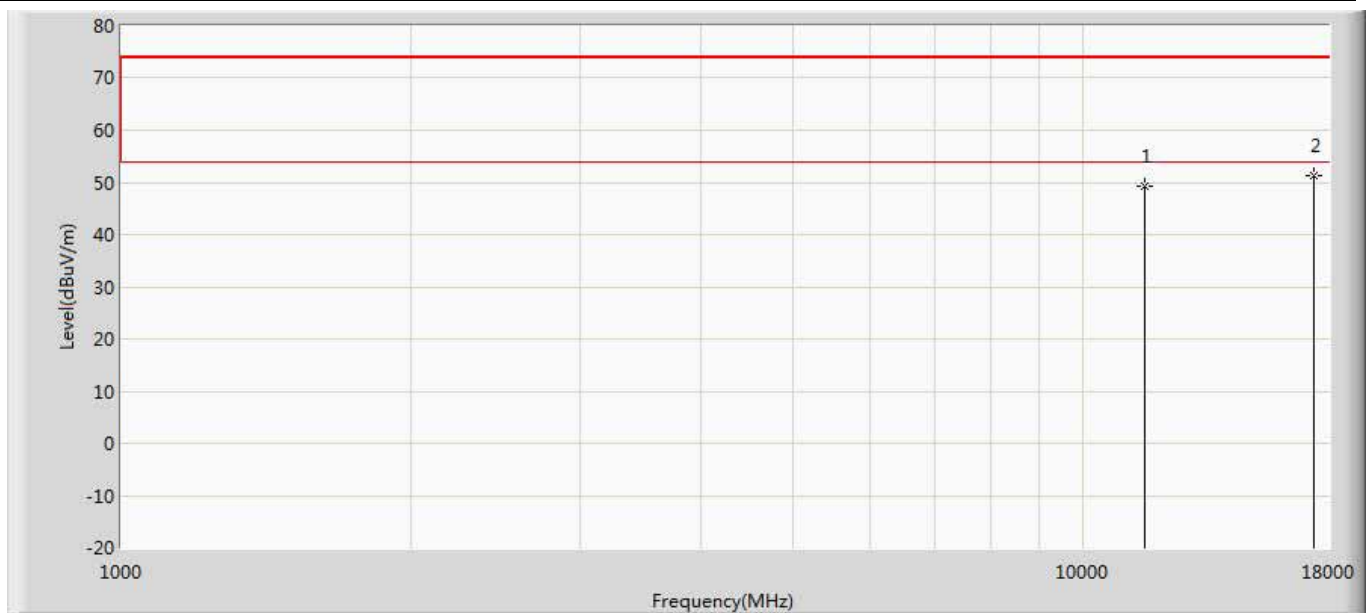
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	48.341	29.126	-25.659	74.000	19.215	PK
2	*	17265.000	50.715	25.850	-23.285	74.000	24.865	PK

Site: AC5	Time: 2017/06/11- 18:06
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: Mode16:Transmit at CH5795 by802.11ac40 beamforming	



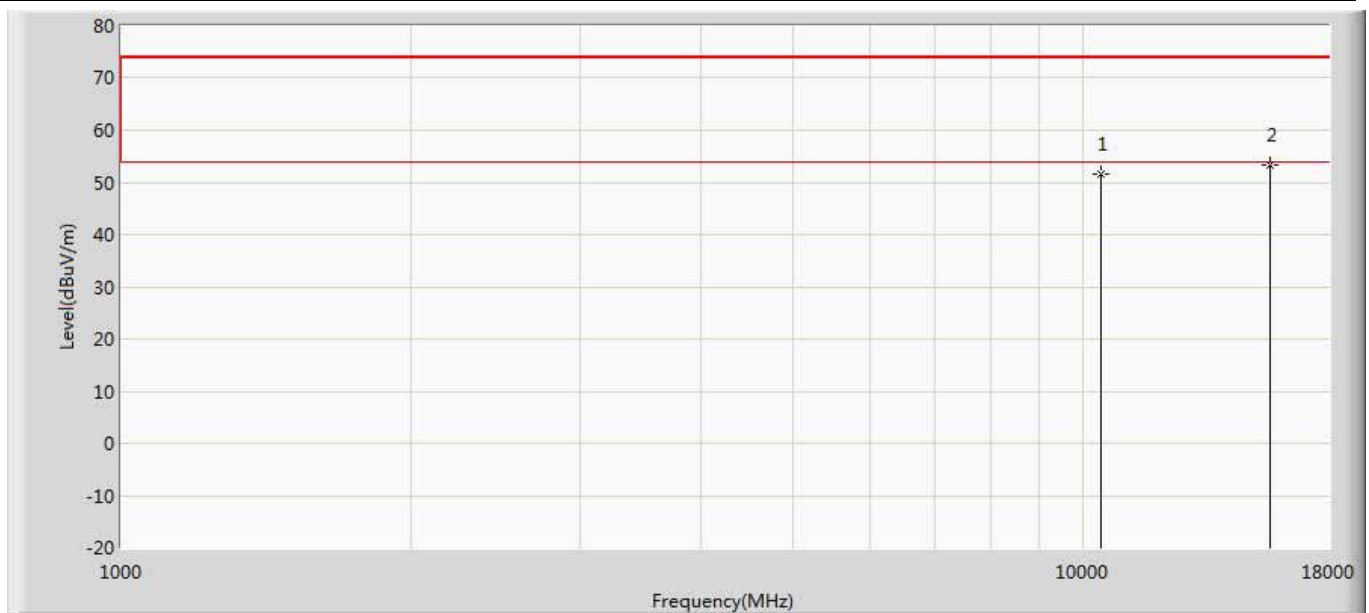
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	50.231	30.231	-23.769	74.000	19.999	PK
2	*	17385.000	52.561	27.090	-21.439	74.000	25.471	PK

Site: AC5	Time: 2017/06/11- 18:07
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: Mode16:Transmit at CH5795 by802.11ac40 beamforming	



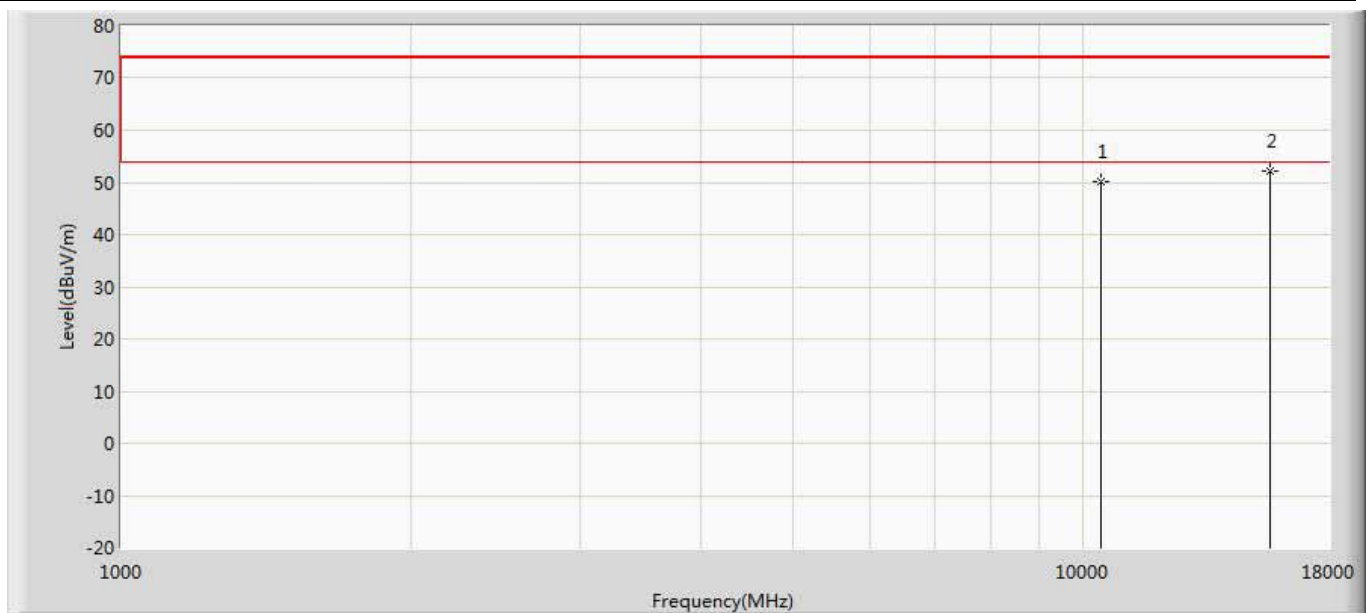
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	49.220	29.220	-24.780	74.000	19.999	PK
2	*	17385.000	51.201	25.730	-22.799	74.000	25.471	PK

Site: AC5	Time: 2017/06/11- 18:08
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: Mode17:Transmit at CH5210 by802.11ac80 beamforming	



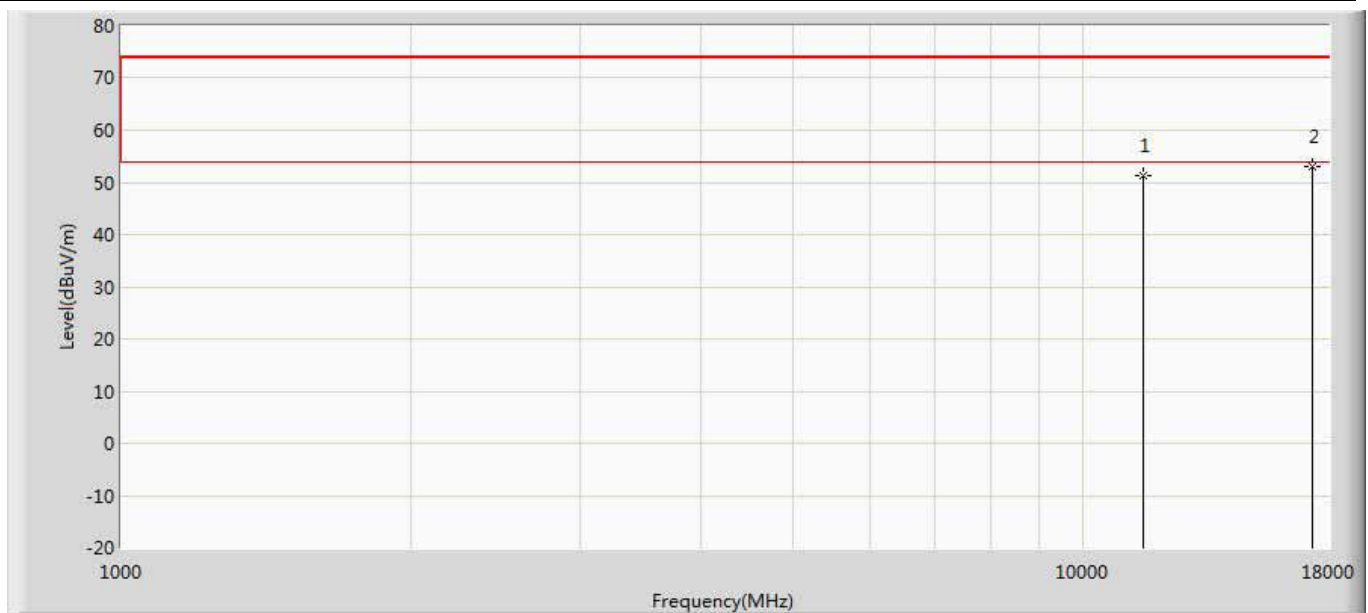
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	51.689	33.951	-22.311	74.000	17.737	PK
2	*	15630.000	53.230	30.047	-20.770	74.000	23.183	PK

Site: AC5	Time: 2017/06/11- 18:10
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: Mode17:Transmit at CH5210 by802.11ac80 beamforming	



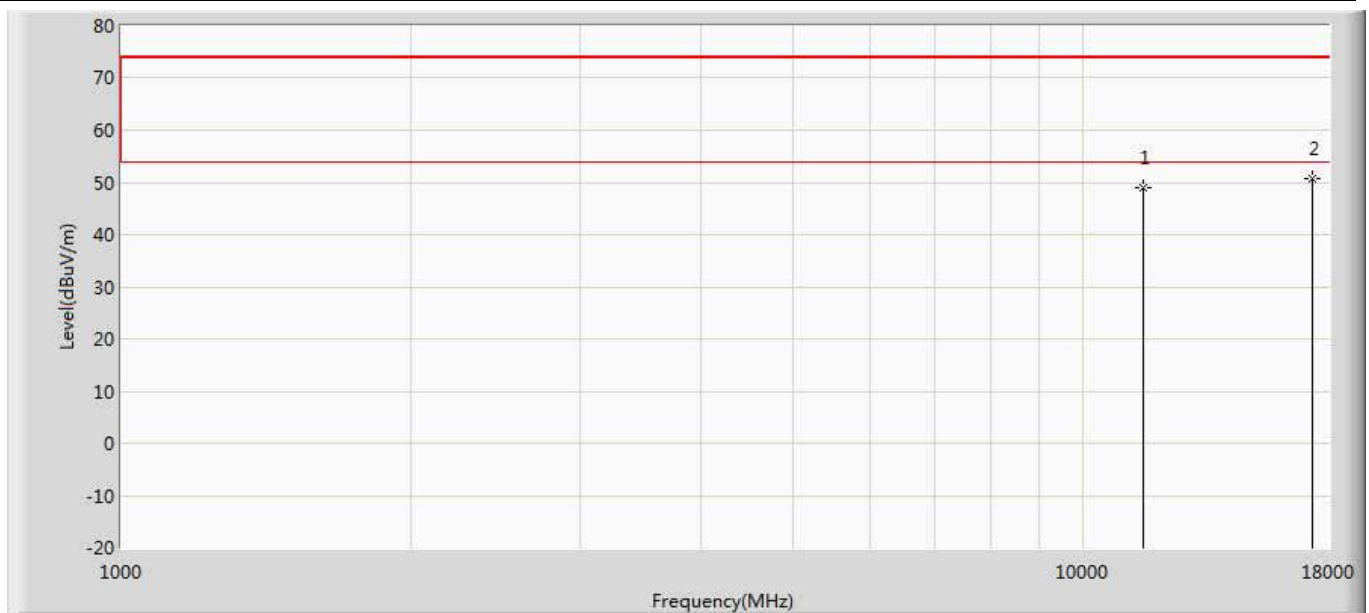
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	50.162	32.424	-23.838	74.000	17.737	PK
2	*	15630.000	52.161	28.978	-21.839	74.000	23.183	PK

Site: AC5	Time: 2017/06/11- 18:23
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: Mode17:Transmit at CH5775 by802.11ac80 beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	51.260	31.412	-22.740	74.000	19.847	PK
2	*	17325.000	52.960	27.683	-21.040	74.000	25.277	PK

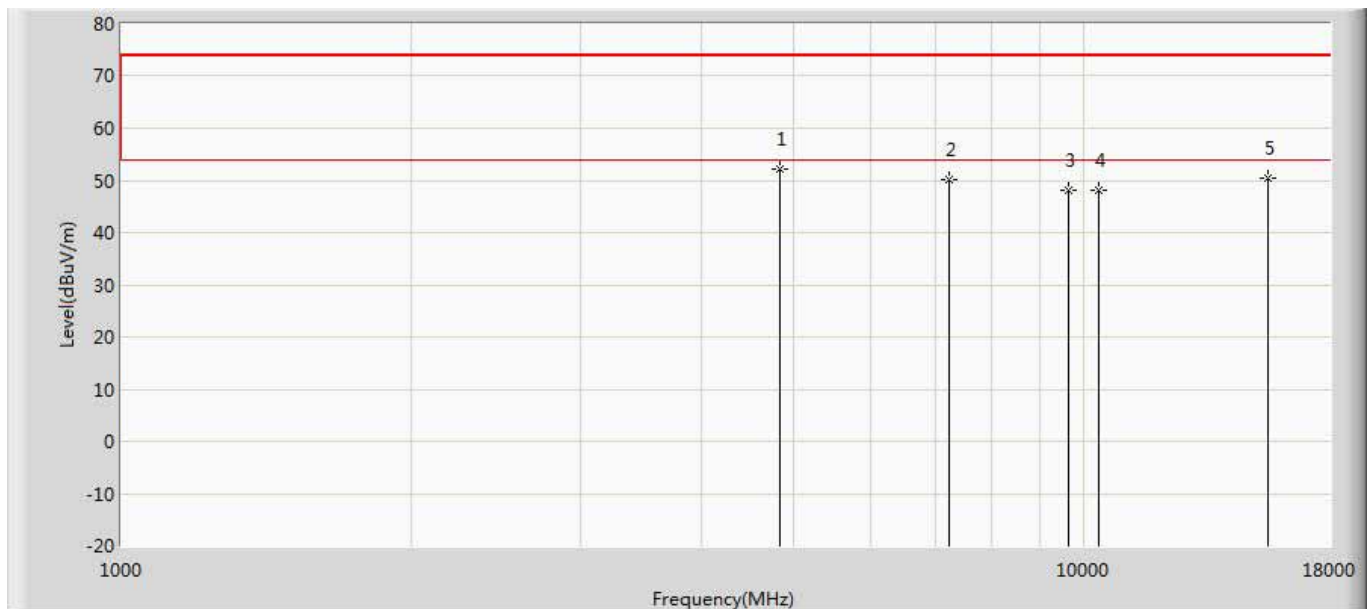
Site: AC5	Time: 2017/06/11- 18:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Xiaomi Router 3 Pro	Power: AC 120V/60Hz
Note: Mode17:Transmit at CH5775 by802.11ac80 beamforming	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	49.042	29.194	-24.958	74.000	19.847	PK
2	*	17325.000	50.867	25.590	-23.133	74.000	25.277	PK

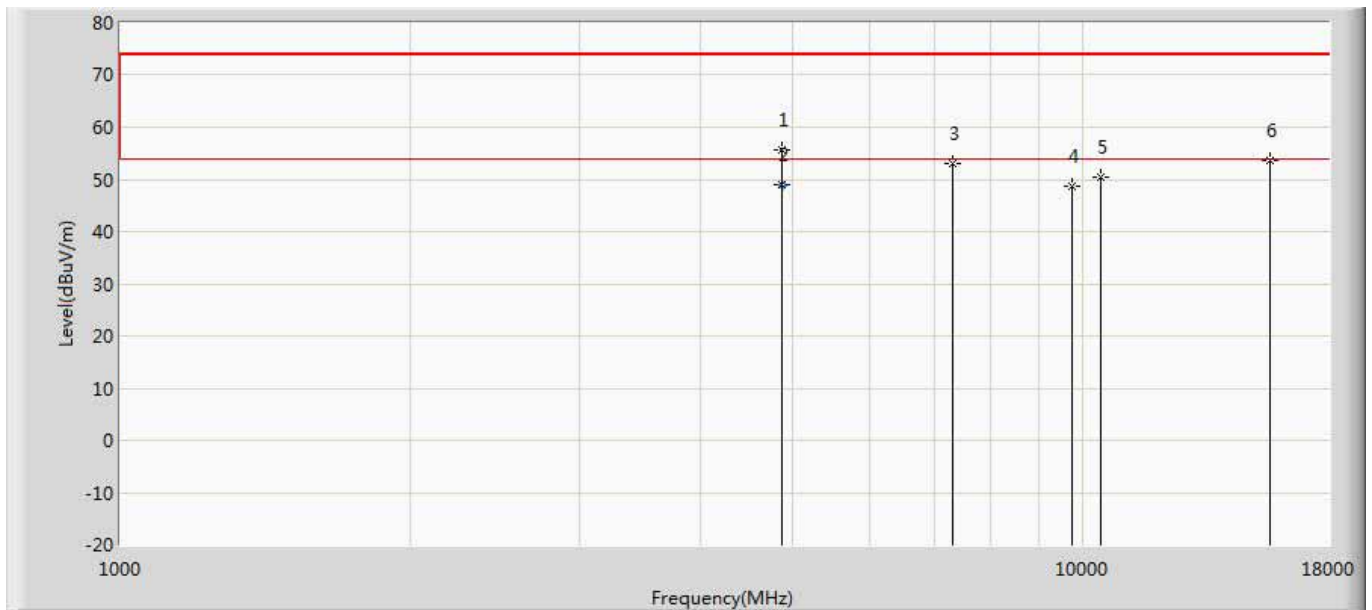
Product Name	: Xiaomi Router 3 Pro	Power	: AC 120V/60Hz
Test Mode	: Transmit Simultaneously (WIFI 2.4G+5G)-worst data	Test Site	: AC-5
Test Date	: 2017.08.16		

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.

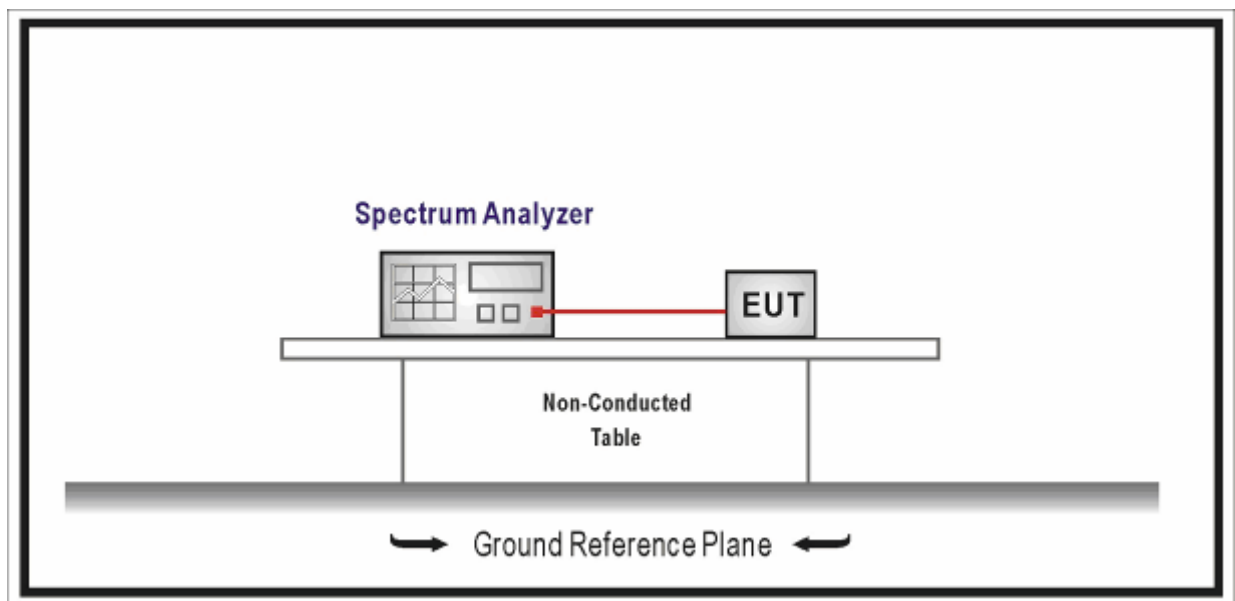
5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

Emission bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.04
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.09
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.09
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.10

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

5.2. Test Setup



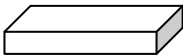
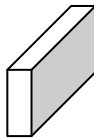
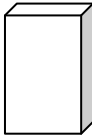
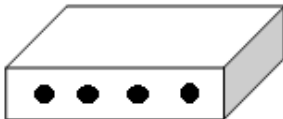
5.3. Limit

N/A

5.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	☐ ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐ ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033	C	Bandwidth Measurement
	☒ FCC KDB 789033 D02v01r03	C.1	Emission Bandwidth (26dB)
	☐ FCC KDB 789033	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☒	FCC KDB 789033	D	99 Percent Occupied Bandwidth

5.5. EUT test Axis definition

Item	Occupied bandwidth			
Device Category	☐	Outdoor AP		
	☒	Indoor AP		
	☐	Fixed point-to-point AP		
	☐	Fixed point-to-multipoint AP		
	☐	Client		
Test mode	Mode 1-17			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☐	Chain 1	Chain 2	Chain 3
				

5.6. Test Result

Product Name	:	Xiaomi Router 3 Pro	Power	:	AC 120V/60Hz
Model No.	:	R3P	Test Site	:	TR8
Test Mode	:	Mode 1-6	Test Date	:	2017.06.12

Mode	CH No.	Freq (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)				Lower/Higher Frequency (MHz)				Result
			Ant0	Ant1	Ant2	Ant3	Ant0	Ant1	Ant2	Ant3	Ant0	Ant1	Ant2	Ant3	
1	36	5180	19.69	19.87	20.07	19.78	16.432	16.487	16.464	16.451	5171.78	5171.76	5171.77	5171.77	Pass
	44	5220	20.12	19.86	19.99	19.97	17.586	17.554	17.572	17.590	N/A	N/A	N/A	N/A	Pass
	48	5240	19.88	20.02	20.03	20.08	17.565	17.583	17.575	17.587	5248.78	5248.79	5248.79	5248.79	Pass
2	36	5180	20.11	20.07	20.08	20.22	17.580	17.752	17.544	17.572	5169.95	5169.97	5169.96	5169.89	Pass
	44	5220	20.04	20.08	19.84	19.73	17.553	17.552	17.574	17.583	N/A	N/A	N/A	N/A	Pass
	48	5240	19.92	19.93	19.96	20.03	17.539	17.569	17.571	17.501	5249.96	5249.97	5249.97	5250.02	Pass
3	38	5190	39.95	40.01	39.95	40.28	35.981	35.920	35.983	36.010	5170.03	5170.00	5170.03	5169.86	Pass
	46	5230	39.60	39.93	39.70	39.76	35.946	35.944	36.008	35.991	5249.80	5249.97	5249.85	5249.88	Pass
4	36	5180	20.28	20.06	19.85	20.14	17.583	17.564	17.561	17.589	5169.86	5169.97	5170.08	5169.93	Pass
	44	5220	19.81	19.87	19.90	20.06	17.566	17.569	17.550	17.558	N/A	N/A	N/A	N/A	Pass
	48	5240	20.10	19.95	20.11	20.00	17.582	17.527	17.569	17.565	5249.05	5249.98	5249.06	5249.00	Pass
5	38	5190	39.85	39.71	39.71	39.82	35.996	35.951	35.880	35.984	5170.08	5170.15	5170.15	5170.09	Pass
	46	5230	39.88	39.74	39.67	39.73	35.975	35.904	35.976	35.934	5249.94	5249.87	5249.84	5249.87	Pass
6	42	5210	81.13	80.98	79.67	80.34	75.328	75.109	75.110	75.049	5190.03/5229.80	5190.00/5229.97	5190.03/5229.85	5189.86/5229.88	Pass

The worst case of Occupied Bandwidth in mode 4 as below:

Mode 4 CH36 (5180MHz) Ant 0



Product Name	:	Xiaomi Router 3 Pro	Power	:	AC 120V/60Hz
Model No.	:	R3P	Test Site	:	TR8
Test Mode	:	Mode 7-12	Test Date	:	2017.06.12

Mode	CH No.	Freq (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)				Lower/Higher Frequency (MHz)				Result
			Ant0	Ant1	Ant2	Ant3	Ant0	Ant1	Ant2	Ant3	Ant0	Ant1	Ant2	Ant3	
7	36	5180	21.37	23.29	20.12	21.22	16.449	16.455	16.428	16.459	5169.32	5168.36	5169.94	5169.39	Pass
	44	5220	19.63	19.90	19.65	19.78	16.439	16.535	16.487	16.447	N/A	N/A	N/A	N/A	Pass
	48	5240	19.74	19.35	19.74	19.50	16.452	16.429	16.443	16.469	5249.87	5249.68	5249.87	5249.75	Pass
8	36	5180	20.27	19.77	19.70	19.58	17.557	17.513	17.557	17.534	5169.87	5170.12	5170.15	5170.21	Pass
	44	5220	20.09	20.06	20.07	20.04	17.550	17.578	17.570	17.585	N/A	N/A	N/A	N/A	Pass
	48	5240	20.15	19.93	20.14	20.15	17.550	17.572	17.575	17.548	5249.08	5249.97	5250.07	5250.08	Pass
9	38	5190	39.15	39.56	40.14	39.88	35.986	35.928	35.890	36.020	5170.43	5170.22	5169.93	5170.06	Pass
	46	5230	39.70	39.74	39.80	39.87	35.949	35.926	35.899	35.980	5249.85	5249.87	5249.90	5249.94	Pass
10	36	5180	20.30	20.10	19.94	19.75	17.569	17.573	17.490	17.526	5169.85	5169.95	5170.03	5170.13	Pass
	44	5220	20.08	20.17	19.95	19.99	17.561	17.576	17.565	17.556	N/A	N/A	N/A	N/A	Pass
	48	5240	19.97	20.08	19.90	19.80	17.571	17.547	17.542	17.562	5249.99	5250.04	5249.95	5249.90	Pass
11	38	5190	39.80	38.92	39.52	39.61	35.926	35.769	35.902	35.913	5170.10	5170.54	5170.24	5170.20	Pass
	46	5230	39.63	40.29	39.68	39.77	35.952	35.933	35.914	35.947	5249.82	5250.15	5249.84	5249.89	Pass
12	42	5210	79.78	80.09	79.77	80.23	75.055	75.006	75.149	75.048	5170.11/5249.89	5169.96/5250.05	5170.12/5249.89	5169.89/5250.12	Pass

The worst case of Occupied Bandwidth in mode 8 as below:

Mode 8 CH36 (5180MHz) Ant 0



Product Name	:	Xiaomi Router 3 Pro	Power	:	AC 120V/60Hz
Model No.	:	R3P	Test Site	:	TR8
Test Mode	:	Mode 13-17	Test Date	:	2017.06.12

Mode	CH No.	Freq (MHz)	26dB Occupied Bandwidth (MHz)				99% Occupied Bandwidth (MHz)				Lower/Higher Frequency (MHz)				Result
			Ant0	Ant1	Ant2	Ant3	Ant0	Ant1	Ant2	Ant3	Ant0	Ant1	Ant2	Ant3	
13	36	5180	20.17	20.39	20.27	20.34	17.639	17.551	17.595	17.606	5169.92	5169.81	5169.87	5169.83	Pass
	44	5220	20.19	20.07	19.89	20.40	17.642	17.597	17.577	17.609	N/A	N/A	N/A	N/A	Pass
	48	5240	19.91	20.30	19.85	20.31	17.573	17.593	17.639	17.620	5249.96	5249.15	5249.93	5249.16	Pass
14	38	5190	41.11	40.38	40.82	40.64	36.198	35.964	35.945	35.976	5169.45	5169.81	5169.59	5169.68	Pass
	46	5230	40.59	40.12	40.08	40.37	35.980	36.055	36.031	36.001	5249.30	5249.06	5249.04	5249.19	Pass
15	36	5180	20.31	20.33	20.27	20.45	17.588	17.649	17.630	17.676	5169.85	5169.84	5169.87	5169.78	Pass
	44	5220	20.87	20.16	20.35	20.21	17.664	17.601	17.580	17.590	N/A	N/A	N/A	N/A	Pass
	48	5240	20.10	20.16	20.52	20.49	17.633	17.669	17.523	17.732	5249.05	5249.08	5249.26	5249.25	Pass
16	38	5190	40.35	40.66	40.48	40.25	35.976	36.023	36.016	35.980	5169.83	5169.67	5169.76	5169.88	Pass
	46	5230	36.69	40.29	39.53	39.65	35.932	35.851	35.882	35.904	5248.35	5250.15	5249.77	5249.83	Pass
17	42	5210	80.96	81.03	80.85	81.21	74.965	74.915	74.880	74.960	5169.52/5248.48	5169.49/5248.52	5169.58/5248.43	5169.40/5248.61	Pass

The worst case of Occupied Bandwidth in mode 10 as below:

Mode 14 CH36 (5180MHz) Ant 0



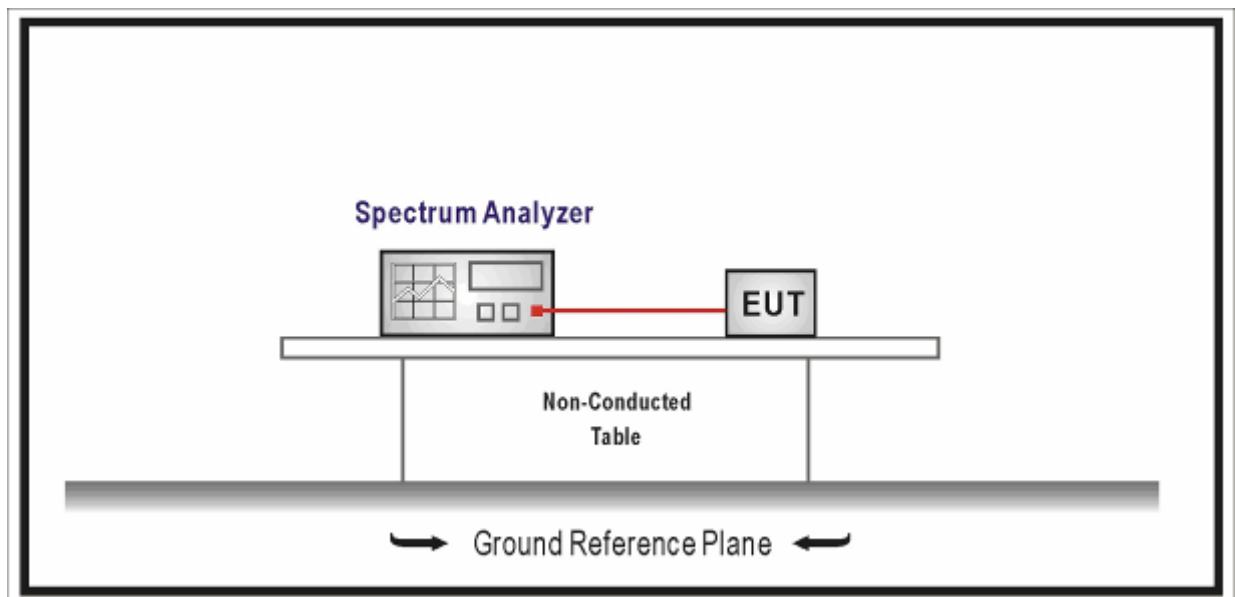
6. 6dB bandwidth

6.1. Test Equipment

Emission bandwidth and 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 Analyzer	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.

6.2. Test Setup



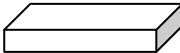
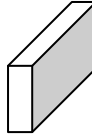
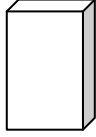
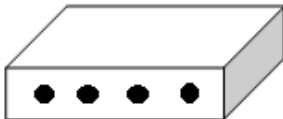
6.3. Limit

>500kHz

6.4. Test Procedure

Test Method			
	References Rule	Chapter	Description
☐	ANSI C63.10	12.4	Emission bandwidth and occupied bandwidth
	☐ ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐ ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v01r03	C	Bandwidth Measurement
	☐ FCC KDB 789033 D02v01r03	C.1	Emission Bandwidth (26dB)
	☒ FCC KDB 789033 D02v01r03	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☐	FCC KDB 789033 D02v01r03	D	99 Percent Occupied Bandwidth

6.5. EUT test Axis definition

Item	6dB bandwidth			
Device Category	☐	Outdoor AP		
	☒	Indoor AP		
	☐	Fixed point-to-point AP		
	☐	Fixed point-to-multipoint AP		
	☐	Client		
Test mode	Mode 1-17			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☒	Chain 1	Chain 2	Chain 3
				

6.6. Test Result

Product Name	: Xiaomi Router 3 Pro	Power	: AC 120V/60Hz
Model No.	: R3P	Test Site	: TR8
Test Mode	: Mode 1~17	Test Date	: 2017.05.05

SISO

Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)				Limit (kHz)	Result
			Ant0	Ant1	Ant2	Ant3		
1	149	5745	15.86	15.54	16.26	15.79	>500	Pass
	157	5785	15.43	17.02	15.25	17.19		Pass
	165	5825	15.52	16.96	15.58	16.68		Pass
2	149	5745	17.20	17.15	17.06	17.38		Pass
	157	5785	17.23	17.18	16.81	15.95		Pass
	165	5825	16.76	16.97	16.15	15.62		Pass
3	151	5755	33.97	31.80	34.77	33.27		Pass
	159	5795	35.27	35.29	34.82	35.26		Pass
4	149	5745	17.30	16.38	16.68	16.13		Pass
	157	5785	17.22	16.52	14.86	16.92		Pass
	165	5825	17.53	16.56	16.54	15.90		Pass
5	151	5755	35.80	35.31	34.01	34.17		Pass
	159	5795	35.28	35.22	34.94	33.84		Pass
6	155	5775	75.26	75.33	73.99	74.04		Pass

The worst case of 6dB Bandwidth in SISO mode as below:

Mode 4 CH157 (5785MHz) Ant 2

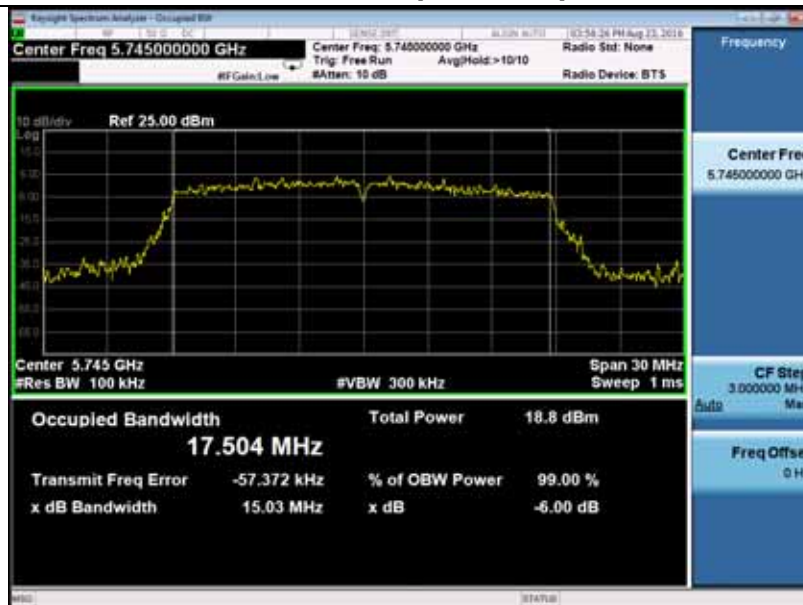


CDD

Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)				Limit (kHz)	Result
			Ant0	Ant1	Ant2	Ant3		
7	149	5745	16.31	16.27	16.38	16.06	>500	Pass
	157	5785	15.91	16.18	15.82	15.76		Pass
	165	5825	15.83	15.82	15.90	15.86		Pass
8	149	5745	16.32	17.36	17.08	15.54		Pass
	157	5785	16.03	16.03	15.98	16.00		Pass
	165	5825	16.16	16.04	16.02	16.27		Pass
9	151	5755	35.63	34.01	34.50	35.30		Pass
	159	5795	35.38	35.60	35.28	35.33		Pass
10	149	5745	17.37	15.03	16.21	16.34		Pass
	157	5785	15.34	16.20	16.05	15.84		Pass
	165	5825	16.00	16.30	15.64	15.71		Pass
11	151	5755	35.57	32.81	34.72	35.54		Pass
	159	5795	35.25	34.09	35.33	35.17		Pass
12	155	5775	75.39	75.23	72.72	75.24		Pass

The worst case of 6dB Bandwidth in CDD mode as below:

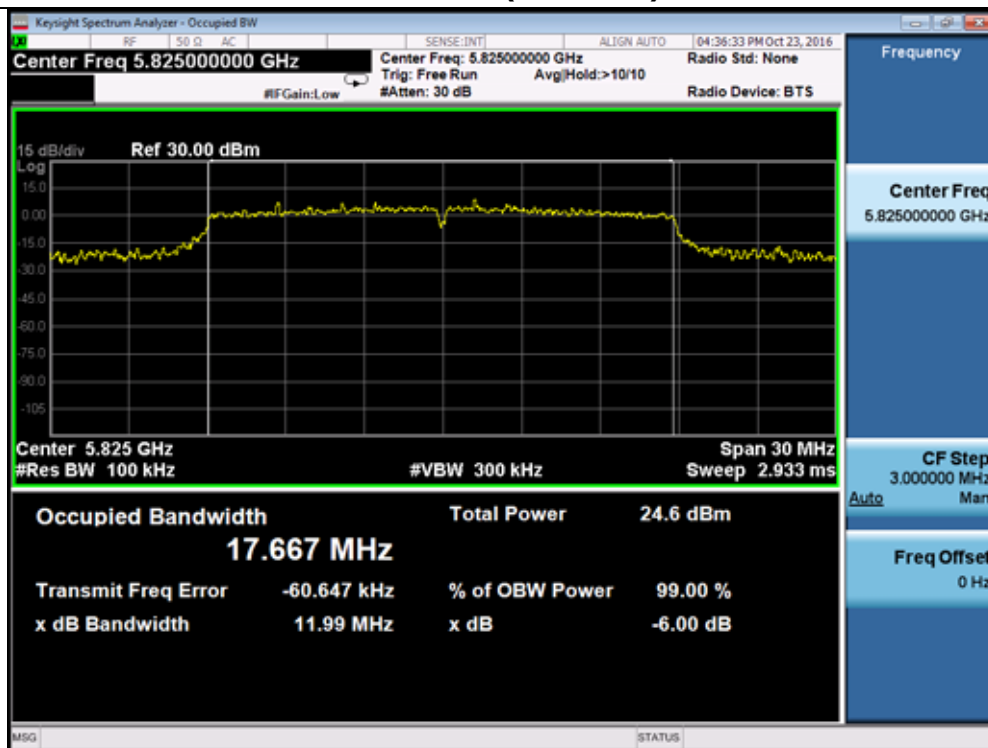
Mode 10 CH149 (5745MHz) Ant 1



Beam-forming:

Mode	Channel No.	Frequency (MHz)	6dB Bandwidth (MHz)				Limit (kHz)	Result
			Ant0	Ant1	Ant2	Ant3		
13	149	5745	15.05	14.44	15.01	14.06	>500	Pass
	157	5785	13.32	12.87	15.08	13.84		Pass
	165	5825	14.36	13.41	15.17	13.80		Pass
14	151	5755	35.13	35.14	35.05	33.87		Pass
	159	5795	31.23	35.12	33.87	35.10		Pass
15	149	5745	15.74	17.12	15.08	17.02		Pass
	157	5785	14.98	16.21	15.44	12.91		Pass
	165	5825	11.99	17.19	15.12	13.77		Pass
16	151	5755	33.83	31.41	30.74	32.52		Pass
	159	5795	33.92	32.65	31.30	33.76		Pass
17	155	5775	72.70	72.55	72.53	72.69		Pass

The worst case of 6dB Bandwidth in Beam-forming mode as below:

Mode 15 CH165 (5825MHz) Ant 0

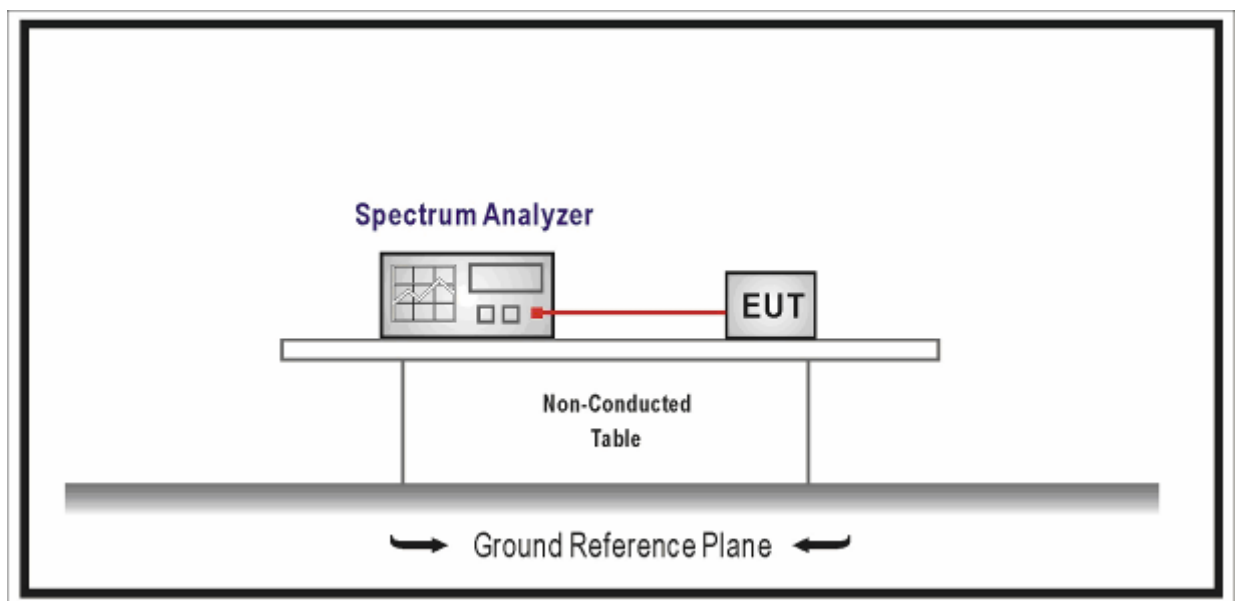
7. Power Output

7.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.03	2018.01.02
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2016.10.14	2017.10.13
Power Sensor	Anritsu	MA2411B	0846014	2016.10.14	2017.10.13
Temperature/Humidity Meter	zhicheng	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.

7.2. Test Setup



7.3. Limit

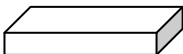
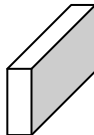
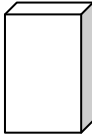
Fundamental emission output power Limit	
☒	For the band 5.15-5.25 GHz
☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$ and $\leq 125\text{mW}$ at any angle above 30 degrees
☒	Indoor access point: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 23)$
☐	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 24 - (G_{TX} - 6)$
☐	For the band 5.25-5.35 GHz:
☐	the maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$
☐	For the 5.47-5.725 GHz:
☐	the maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$
☒	For the band 5.725-5.85 GHz:
☒	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{out}) shall not exceed the lesser of 1 W. If $G_{TX} > 6 \text{ dBi}$, then $P_{out} = 30 - (G_{TX} - 6)$
☐	Point-to-point systems (P2P): the maximum conducted output power (P_{out}) shall not exceed the lesser of 1 W
Note 1 : G_{TX} directional gain of transmitting antennas.	
Note 2 : P_{out} is maximum peak conducted output power .	

7.4. Test Procedure

Fundamental emission output power Test Method				
	References Rule		Chapter	Description
☒	ANSI C63.10		12.3	Maximum conducted output power
	☒	ANSI C63.10	12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		☐ ANSI C63.10	12.3.2.2	Method SA-1
		☐ ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☒ ANSI C63.10	12.3.2.4	Method SA-2
		☐ ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐ ANSI C63.10	12.3.2.6	Method SA-3
		☐ ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10	12.3.3	Maximum conducted output power using a power meter
		☐ ANSI C63.10	12.3.3.1	Method PM
		☒ ANSI C63.10	12.3.3.2	Method PM-G
☒	KDB 789033		H	Measurement of emission at elevation angle higher than 30° from horizon
	☒	KDB 789033	1	For fixed infrastructure, not electrically or mechanically steerable beam antenna
		☒ KDB 789033	a)	elevation plane radiation pattern is available:
		☐ KDB 789033	b)	elevation plane radiation pattern is not available
	☐	KDB 789033	2	For All Other Types of Antenna

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology with NANT transmit antennas
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas with NANT = 2.
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)d)	Sectorized antenna systems.
	☐	KDB 662911	F2)d) (i)	transmit signals are correlated
	☐	KDB 662911	F2)d) (ii)	transmit signals are uncorrelated
☒	KDB 662911		F2)e)	Spatial Multiplexing
	☒	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with more than one spatial stream

7.5. EUT test Axis definition

Item	Power Output				
Device Category	☐	Outdoor AP			
	☒	Indoor AP			
	☐	Fixed point-to-point AP			
	☐	Fixed point-to-multipoint AP			
	☐	Client			
Test mode	Mode 1-17				
Test method	☐	Radiated			
		X Axis	Y Axis	Z Axis	
					
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐	
	☒	Conducted			
	☒	Chain 1	Chain 2	Chain 3	Chain 4
					

7.6. Test Result

Product Name	:	Xiaomi Router 3 Pro	Power	:	AC 120V/60Hz
Model No.	:	R3P	Test Site	:	TR8
Test Mode	:	Mode 1~17	Test Date	:	2017.05.05

Mode	Channel No.	Frequency (MHz)	Ant0 Value	Ant1 Value	Ant2 Value	Ant3 Value	Directional Gain (dBi)	FCC Limit (dBm)	Result
Mode 1	36	5180	17.39	17.64	18.17	18.43	1.77	30	Pass
	44	5220	17.52	17.82	18.35	18.25	1.77	30	Pass
	48	5240	17.46	17.96	18.41	18.56	1.77	30	Pass
	149	5745	22.25	22.89	23.54	23.35	1.77	30	Pass
	157	5785	22.19	22.65	23.04	23.26	1.77	30	Pass
	165	5825	22.63	23.13	23.43	23.47	1.77	30	Pass
Mode 2	36	5180	17.37	16.45	17.05	17.17	1.77	30	Pass
	44	5220	17.45	16.63	16.96	17.52	1.77	30	Pass
	48	5240	17.86	16.72	17.52	17.02	1.77	30	Pass
	149	5745	22.45	22.67	17.05	23.33	1.77	30	Pass
	157	5785	22.23	22.54	16.96	23.17	1.77	30	Pass
	165	5825	22.64	23.02	17.52	23.45	1.77	30	Pass
Mode 3	38	5190	16.84	15.74	16.35	16.43	1.77	30	Pass
	46	5230	17.11	15.87	16.42	16.52	1.77	30	Pass
	151	5755	19.02	19.43	20.19	20.72	1.77	30	Pass
	159	5795	20.93	21.32	21.94	22.71	1.77	30	Pass
Mode 4	36	5180	17.34	16.39	17.05	17.07	1.77	30	Pass
	44	5220	17.59	16.45	17.25	17.21	1.77	30	Pass
	48	5240	18.03	16.63	17.63	16.85	1.77	30	Pass
	149	5745	22.17	22.64	23.41	23.38	1.77	30	Pass
	157	5785	22.19	22.59	23.22	23.29	1.77	30	Pass
	165	5825	22.08	22.84	23.49	23.49	1.77	30	Pass
Mode 5	38	5190	16.03	14.88	15.61	15.57	1.77	30	Pass
	46	5230	16.25	15.03	15.78	15.63	1.77	30	Pass
	151	5755	17.93	19.06	19.03	19.74	1.77	30	Pass
	159	5795	20.44	21.03	21.58	21.93	1.77	30	Pass
Mode 6	42	5210	15.04	13.84	14.56	14.45	1.77	30	Pass
	155	5775	15.03	14.34	16.63	14.09	1.77	30	Pass

Mode	Channel No.	Frequency (MHz)	Ant0 Value	Ant1 Value	Ant2 Value	Ant3 Value	Power (dBm)	Directional Gain (dBi)	FCC Limit (dBm)	Result
Mode 7	36	5180	15.47	14.46	15.42	15.18	21.17	1.77	30	Pass
	44	5220	15.36	14.52	15.21	15.32	21.14	1.77	30	Pass
	48	5240	15.42	14.65	15.85	15.02	21.28	1.77	30	Pass
	149	5745	22.03	21.65	22.22	22.34	28.09	1.77	30	Pass
	157	5785	21.66	21.42	22.15	22.74	28.04	1.77	30	Pass
	165	5825	22.51	21.87	22.65	22.71	28.47	1.77	30	Pass
Mode 8	36	5180	16.52	15.67	16.24	16.74	22.33	1.77	30	Pass
	44	5220	16.45	15.63	16.45	16.52	22.30	1.77	30	Pass
	48	5240	16.52	15.72	16.74	16.36	22.37	1.77	30	Pass
	149	5745	22.19	22.24	22.96	23.03	28.64	1.77	30	Pass
	157	5785	22.31	22.34	22.72	22.78	28.56	1.77	30	Pass
	165	5825	22.45	22.51	23.09	23.26	28.86	1.77	30	Pass
Mode 9	38	5190	15.62	14.19	15.01	15.47	21.13	1.77	30	Pass
	46	5230	15.74	14.32	15.22	15.11	21.15	1.77	30	Pass
	151	5755	19.66	19.92	20.47	20.61	26.20	1.77	30	Pass
	159	5795	21.36	21.72	22.05	22.76	28.02	1.77	30	Pass
Mode 10	36	5180	16.74	15.75	16.34	16.53	22.38	1.77	30	Pass
	44	5220	16.58	15.85	16.45	16.62	22.41	1.77	30	Pass
	48	5240	16.63	15.74	16.52	16.71	22.44	1.77	30	Pass
	149	5745	22.56	22.58	23.02	22.79	28.76	1.77	30	Pass
	157	5785	22.07	22.34	22.85	23.05	28.62	1.77	30	Pass
	165	5825	22.85	22.53	23.07	23.11	28.92	1.77	30	Pass
Mode 11	38	5190	15.09	13.65	14.43	15.08	20.62	1.77	30	Pass
	46	5230	15.13	13.61	14.54	15.21	20.69	1.77	30	Pass
	151	5755	18.07	18.23	19.26	19.35	24.79	1.77	30	Pass
	159	5795	20.82	21.21	21.75	21.09	27.25	1.77	30	Pass
Mode 12	42	5210	12.53	11.33	12.27	12.44	18.19	1.77	30	Pass
	155	5775	12.58	12.53	14.02	14.09	19.39	1.77	30	Pass

Beam-forming

Mode	Channel No.	Frequency (MHz)	Ant0 Value	Ant1 Value	Ant2 Value	Ant3 Value	Power (dBm)	Antenna Gain (dBi)	FCC Limit#1 (dBm)	Result
Mode 13	36	5180	11.54	10.72	11.38	11.34	17.28	7.77	28.23	Pass
	44	5220	11.32	10.83	11.32	11.45	17.26	7.77	28.23	Pass
	48	5240	11.19	10.78	11.43	11.57	17.27	7.77	28.23	Pass
	149	5745	13.15	12.74	13.78	13.83	19.42	7.77	28.23	Pass
	157	5785	13.23	12.67	13.81	13.74	19.41	7.77	28.23	Pass
	165	5825	13.37	12.83	13.94	13.96	19.57	7.77	28.23	Pass
Mode 14	38	5190	10.17	9.17	9.11	10.24	15.73	7.77	28.23	Pass
	46	5230	10.06	9.05	9.02	10.03	15.59	7.77	28.23	Pass
	151	5755	11.92	11.03	12.34	12.87	18.11	7.77	28.23	Pass
	159	5795	12.13	11.24	12.56	12.98	18.29	7.77	28.23	Pass
Mode 15	36	5180	11.94	11.23	11.72	12.07	17.77	7.77	28.23	Pass
	44	5220	11.86	11.37	11.68	12.13	17.79	7.77	28.23	Pass
	48	5240	12.04	11.44	11.83	12.25	17.92	7.77	28.23	Pass
	149	5745	12.87	12.14	13.42	13.52	19.04	7.77	28.23	Pass
	157	5785	12.83	12.09	13.51	13.48	19.04	7.77	28.23	Pass
	165	5825	12.95	12.26	13.77	13.63	19.21	7.77	28.23	Pass
Mode 16	38	5190	8.03	6.93	7.63	7.71	13.61	7.77	28.23	Pass
	46	5230	7.94	7.05	7.72	7.83	13.67	7.77	28.23	Pass
	151	5755	11.84	11.17	12.43	12.71	18.10	7.77	28.23	Pass
	159	5795	11.87	11.31	12.56	12.92	18.23	7.77	28.23	Pass
Mode 17	42	5210	5.65	4.12	5.14	5.08	11.05	7.77	28.23	Pass
	155	5775	6.84	6.23	7.74	7.61	13.17	7.77	28.23	Pass

Note: FCC Limit#1=Limit-(Directional Gain-6)

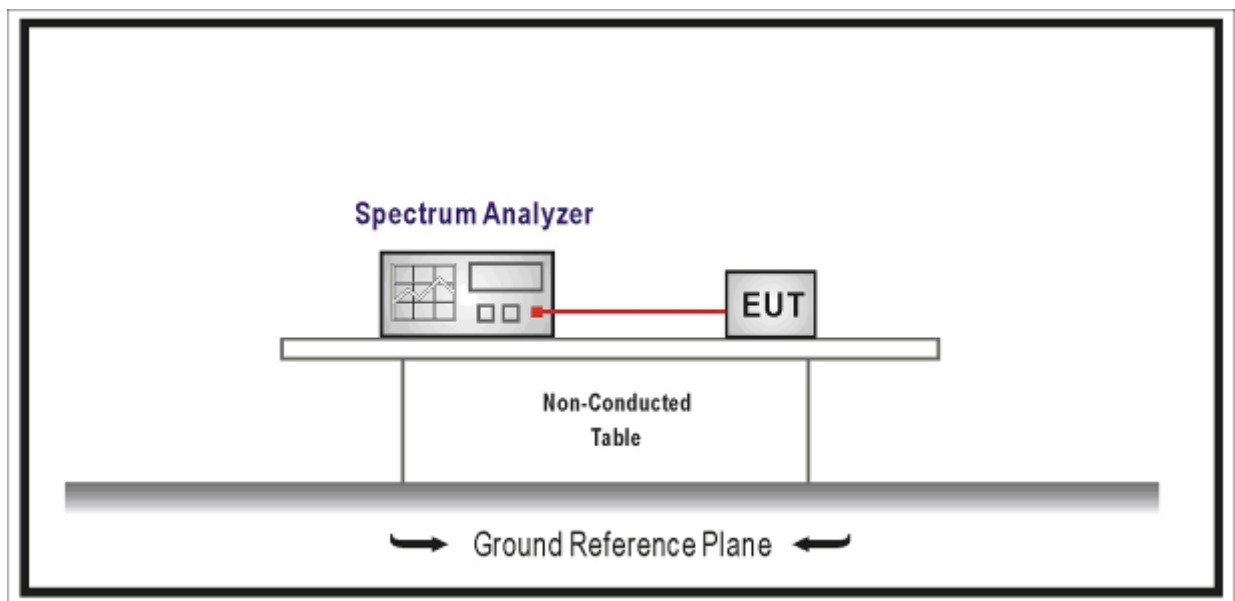
8. Peak Power Spectral Density

8.1. Test Equipment

Peak Power Spectral Density / 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 Analyzer	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.

8.2. Test Setup



8.3. Limit

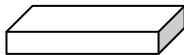
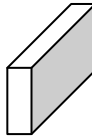
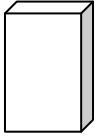
Fundamental emission output power Limit	
☒	For the band 5.15-5.25 GHz
☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
☒	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 6)$
☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 23\text{dBi}$, then $P_{out} \leq 17 - (G_{TX} - 23)$
☐	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☐	For the 5.25-5.35 GHz:
☐	the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☐	For the 5.47-5.725 GHz:
☐	the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 11 - (G_{TX} - 6)$
☒	For the band 5.725-5.85 GHz:
☒	the maximum power spectral density shall not exceed 30 dBm/500KHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} \leq 30 - (G_{TX} - 6)$
Note 1 : G_{TX} directional gain of transmitting antennas.	
Note 2 : P_{out} is maximum peak conducted output power .	

8.4. Test Procedure

Fundamental emission output power Test Method			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033	F	Maximum Power Spectral Density (PSD)

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology with NANT transmit antennas
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas with NANT = 2.
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)d)	Sectorized antenna systems.
	☐	KDB 662911	F2)d) (i)	transmit signals are correlated
	☐	KDB 662911	F2)d) (ii)	transmit signals are uncorrelated
☒	KDB 662911		F2)e)	Spatial Multiplexing
	☒	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with more than one spatial stream

8.5. EUT test Axis definition

Item	Peak power spectral density			
Device Category	☐	Outdoor AP		
	☒	Indoor AP		
	☐	Fixed point-to-point AP		
	☐	Fixed point-to-multipoint AP		
	☐	Client		
Test mode	Mode 1-17			
Test method	☐	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☐	Worst Axis ☐	Worst Axis ☐
	☒	Conducted		
	☒	Chain 1	Chain 2	Chain 3
				

8.6. Test Result

Product Name	: Xiaomi Router 3 Pro	Power	: AC 120V/60Hz
Model No.	: R3P	Test Site	: TR8
Test Mode	: Mode 1~17	Test Date	: 2017.05.05

SISO

Mode	CH No.	Freq (MHz)	Measurement Power Output (dBm/MHz)				Directional Gain (dBi)	Limit#1 (dBm/MHz)	Result
			Ant0	Ant1	Ant2	Ant3			
Mode 1	36	5180	7.404	7.673	8.429	6.601	N/A	17	Pass
	44	5220	7.143	5.836	6.390	7.554	N/A	17	Pass
	48	5240	7.279	5.486	6.520	7.566	N/A	17	Pass
Mode 2	36	5180	7.165	7.173	8.118	5.635	N/A	17	Pass
	44	5220	5.691	4.733	5.093	5.565	N/A	17	Pass
	48	5240	6.015	4.555	4.912	6.207	N/A	17	Pass
Mode 3	38	5190	1.676	2.313	1.577	-1.252	N/A	17	Pass
	46	5230	1.662	0.628	0.535	1.074	N/A	17	Pass
Mode 4	36	5180	7.115	7.311	7.208	5.025	N/A	17	Pass
	44	5220	5.771	4.579	4.848	4.850	N/A	17	Pass
	48	5240	5.506	4.706	4.726	5.540	N/A	17	Pass
Mode 5	38	5190	1.678	1.221	1.812	-0.301	N/A	17	Pass
	46	5230	0.478	0.383	-0.096	0.757	N/A	17	Pass
	54	5270	0.687	-0.342	-0.275	0.324	N/A	17	Pass
Mode 6	42	5210	-2.923	-4.377	-3.183	-7.338	N/A	17	Pass

Note: Limit#1=Limit-(Directional Gain-6)

Mode	CH No.	Freq (MHz)	Measurement Power Output (dBm/500kHz)				Directional Gain (dBi)	Limit (dBm/500kHz)	Result
			Ant0	Ant1	Ant2	Ant3			
Mode 1	149	5745	9.147	9.417	9.108	9.467	N/A	17	Pass
	157	5785	8.853	9.328	9.645	9.320	N/A	17	Pass
	165	5825	9.193	8.868	9.930	9.443	N/A	17	Pass
Mode 2	149	5745	7.178	7.435	7.655	7.940	N/A	17	Pass
	157	5785	6.768	7.440	7.474	6.858	N/A	17	Pass
	165	5825	7.822	6.994	7.794	7.399	N/A	17	Pass

Mode 3	151	5755	0.782	0.186	2.429	1.830	N/A	17	Pass
	159	5795	1.675	1.517	4.261	3.036	N/A	17	Pass
Mode4	149	5745	7.269	7.447	7.894	7.431	N/A	17	Pass
	157	5785	6.306	6.669	7.240	7.114	N/A	17	Pass
	165	5825	7.279	6.764	7.631	7.950	N/A	17	Pass
Mode 5	151	5755	-1.653	-1.254	-0.012	-0.551	N/A	17	Pass
	159	5795	1.258	1.419	2.275	2.957	N/A	17	Pass
Mode 6	155	5775	-6.494	-7.219	-6.060	-12.505	N/A	17	Pass

Note: Limit#1=Limit-(Directional Gain-6)

CDD

Mode	CH No.	Freq (MHz)	Measurement Power Output (dBm/MHz)				Total PPSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
			Ant0	Ant1	Ant2	Ant3				
Mode7	36	5180	5.442	4.464	4.892	5.268	11.053	7.77	15.23	Pass
	44	5220	5.022	3.599	4.735	4.763	10.584	7.77	15.23	Pass
	48	5240	4.979	3.171	4.030	4.071	10.130	7.77	15.23	Pass
Mode 8	36	5180	4.389	2.613	4.323	4.151	9.947	7.77	15.23	Pass
	44	5220	4.474	3.286	3.452	3.649	9.761	7.77	15.23	Pass
	48	5240	4.692	3.081	3.667	4.045	9.931	7.77	15.23	Pass
Mode 9	38	5190	-0.523	-1.687	-1.711	-0.230	5.034	7.77	15.23	Pass
	46	5230	-1.504	-1.854	-1.875	-1.145	4.436	7.77	15.23	Pass
Mode10	36	5180	3.421	4.204	4.627	4.276	10.174	7.77	15.23	Pass
	44	5220	4.276	2.772	4.151	3.912	9.837	7.77	15.23	Pass
	48	5240	4.990	3.342	4.281	4.913	10.451	7.77	15.23	Pass
Mode 11	38	5190	-0.834	-2.448	-2.655	-0.762	4.434	7.77	15.23	Pass
	46	5230	-1.859	-2.382	-2.265	-1.917	3.921	7.77	15.23	Pass
Mode 12	42	5210	-5.442	-6.718	-5.719	-6.335	-0.004	7.77	15.23	Pass

Note: Limit#1=Limit-(Directional Gain-6)

Mode	CH No.	Freq (MHz)	Measurement Power Output (dBm/500kHz)				Total PPSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500kHz)	Result
			Ant0	Ant1	Ant2	Ant3				
Mode7	149	5745	8.518	7.599	8.354	8.051	14.165	7.77	28.23	Pass
	157	5785	7.949	7.182	8.184	8.957	14.135	7.77	28.23	Pass
	165	5825	8.879	7.556	8.466	8.248	11.053	7.77	28.23	Pass

Mode 8	149	5745	6.894	6.529	7.497	7.245	13.077	7.77	28.23	Pass
	157	5785	6.846	6.343	6.789	6.835	12.729	7.77	28.23	Pass
	165	5825	6.685	6.919	7.833	7.564	13.296	7.77	28.23	Pass
Mode 9	151	5755	-0.070	0.804	1.212	0.835	6.741	7.77	28.23	Pass
	159	5795	2.057	2.034	3.041	3.294	8.664	7.77	28.23	Pass
Mode10	149	5745	8.893	6.585	7.585	7.170	13.665	7.77	28.23	Pass
	157	5785	6.007	6.616	6.678	7.359	12.712	7.77	28.23	Pass
	165	5825	6.789	6.636	7.631	7.023	13.057	7.77	28.23	Pass
Mode 11	151	5755	-0.647	-1.052	0.160	1.490	6.121	7.77	28.23	Pass
	159	5795	1.447	2.016	2.415	3.473	8.423	7.77	28.23	Pass
Mode 12	155	5775	-9.309	-8.909	-7.850	-6.200	-1.873	7.77	28.23	Pass
Note: Limit#1=Limit-(Directional Gain-6)										

Beam-forming

Mode	CH No.	Freq (MHz)	Measurement Power Output (dBm/MHz)				Total PPSD (dBm/MHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
			Ant0	Ant1	Ant2	Ant3				
Mode 13	36	5180	0.977	0.609	0.506	1.004	6.80	7.77	15.23	Pass
	44	5220	0.546	0.238	1.459	0.902	6.83	7.77	15.23	Pass
	48	5240	1.624	0.290	1.084	1.558	7.19	7.77	15.23	Pass
Mode 14	38	5190	-2.678	-3.671	-2.249	-2.840	3.19	7.77	15.23	Pass
	46	5230	-2.951	-3.242	-3.073	-2.723	3.03	7.77	15.23	Pass
Mode15	36	5180	1.618	0.522	1.198	2.023	7.40	7.77	15.23	Pass
	44	5220	1.853	1.191	1.440	1.129	7.43	7.77	15.23	Pass
	48	5240	1.508	1.271	1.502	1.571	7.49	7.77	15.23	Pass
Mode 16	38	5190	-4.921	-6.170	-5.671	-5.279	0.53	7.77	15.23	Pass
	46	5230	-5.114	-6.221	-5.698	-4.940	0.56	7.77	15.23	Pass
Mode 17	42	5210	-10.535	-11.246	-10.264	-9.874	-4.43	7.77	15.23	Pass
Note: Limit#1=Limit-(Directional Gain-6)										

Mode	CH No.	Freq (MHz)	Measurement Power Output (dBm/500kHz)				Total PPSD (dBm/500kHz)	Directional Gain (dBi)	Limit (dBm/500kHz)	Result
			Ant0	Ant1	Ant2	Ant3				
Mode 13	149	5745	-0.191	-1.272	0.544	1.153	6.17	7.77	28.23	Pass

Mode 14	157	5785	-0.551	-1.157	0.409	0.905	6.00	7.77	28.23	Pass
	165	5825	-0.777	-0.805	1.572	1.786	6.64	7.77	28.23	Pass
	151	5755	-4.310	-4.870	-3.423	-3.487	2.04	7.77	28.23	Pass
	159	5795	-4.369	-4.523	-3.630	-3.273	2.10	7.77	28.23	Pass
Mode15	149	5745	0.002	-0.433	0.188	0.680	6.15	7.77	28.23	Pass
	157	5785	-0.320	-0.855	0.435	0.137	5.90	7.77	28.23	Pass
	165	5825	-0.279	-0.666	1.429	1.841	6.73	7.77	28.23	Pass
Mode 16	151	5755	-5.007	-5.909	-4.357	-3.627	1.38	7.77	28.23	Pass
	159	5795	-5.496	-4.554	-4.104	-3.583	1.64	7.77	28.23	Pass
Mode 17	155	5775	-11.646	-11.481	-9.961	-10.916	-4.93	7.77	28.23	Pass

Note: Limit#1=Limit-(Directional Gain-6)

Note: The worst PSD data is as follows.

Mode 7:802.11a CH149 5745 Ant0+1+2+3

Ant 0



Ant 1



Ant 2



Ant3



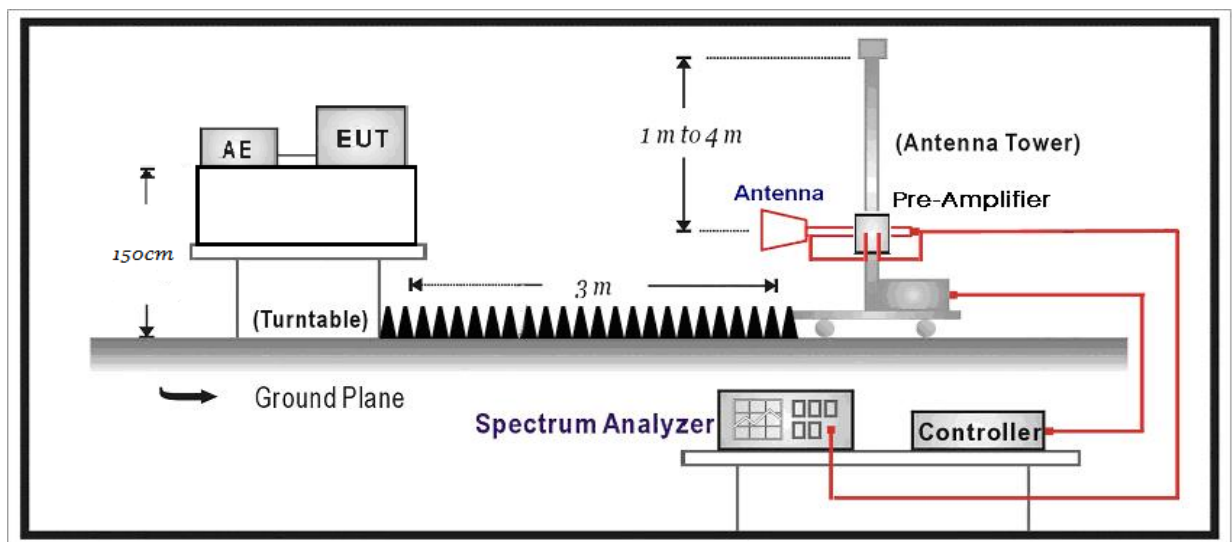
9. Radiated Emission Band Edge

9.1. Test Equipment

Radiated Emission Band Edge / 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	2017.04.05	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	2017.01.04	2018.01.03

Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limit

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dB μ V/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

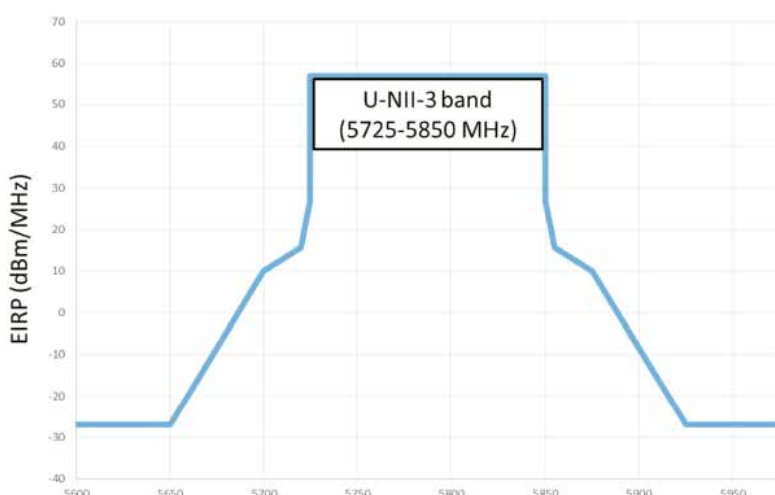
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart C Paragraph 15.407(5)(b) (Unrestricted Band Emissions Limit)

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3

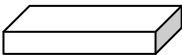
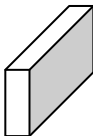
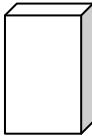
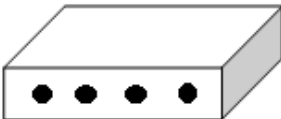
FCC 16-24-A1

Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)
5725 - 5825	 U-NII-3 band (5725-5850 MHz)

9.4. Test Procedure

Test Method				
	References Rule		Chapter	Description
☐	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10	12.7.5	Radiated emission measurements
	☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
	☐	ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
	☒	ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☒	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
☐	FCC KDB 789033 D02v01r03		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v01r03		G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v01r03	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r03	G.6.c	Method AD (Average detection)—primary method
	☐	FCC KDB 789033 D02v01r03	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

9.5. EUT test Axis definition

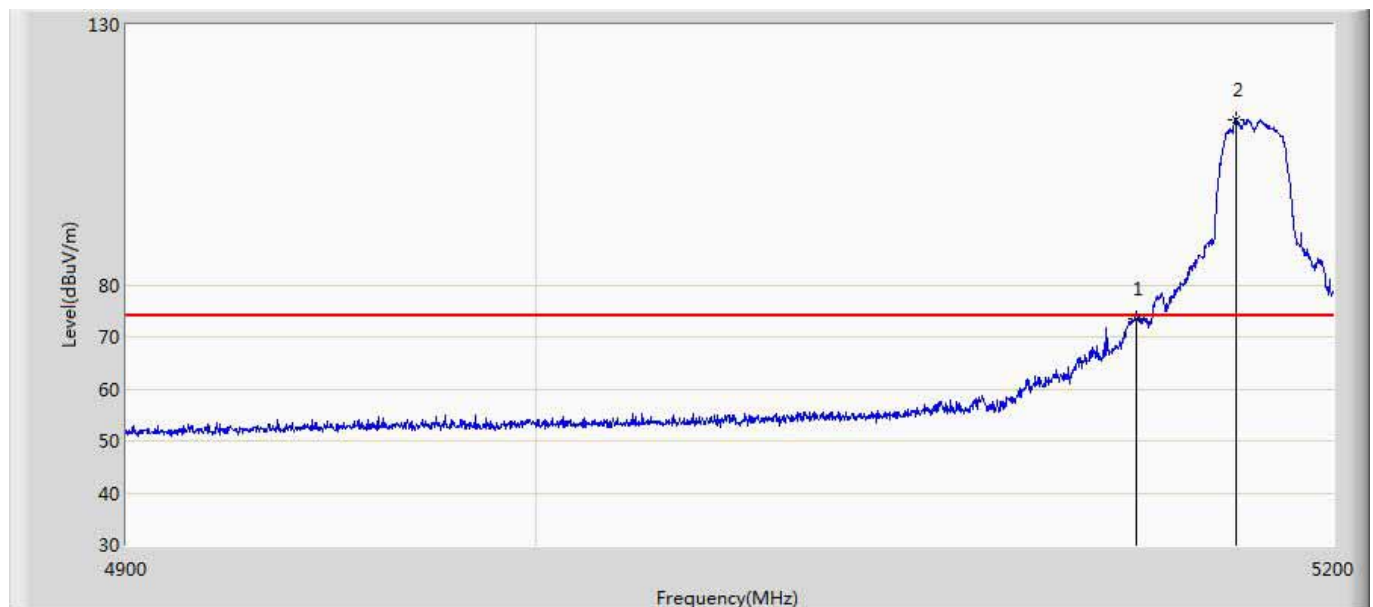
Item	Peak power spectral density			
Device Category	☐	Outdoor AP		
	☒	Indoor AP		
	☐	Fixed point-to-point AP		
	☐	Fixed point-to-multipoint AP		
	☐	Client		
Test mode	Mode 1-17			
Test method	☒	Radiated		
		X Axis	Y Axis	Z Axis
				
		Worst Axis ☒	Worst Axis ☐	Worst Axis ☐
	☐	Conducted		
	☐	Chain 1	Chain 2	Chain 3
				

9.6. Test Result

SISO

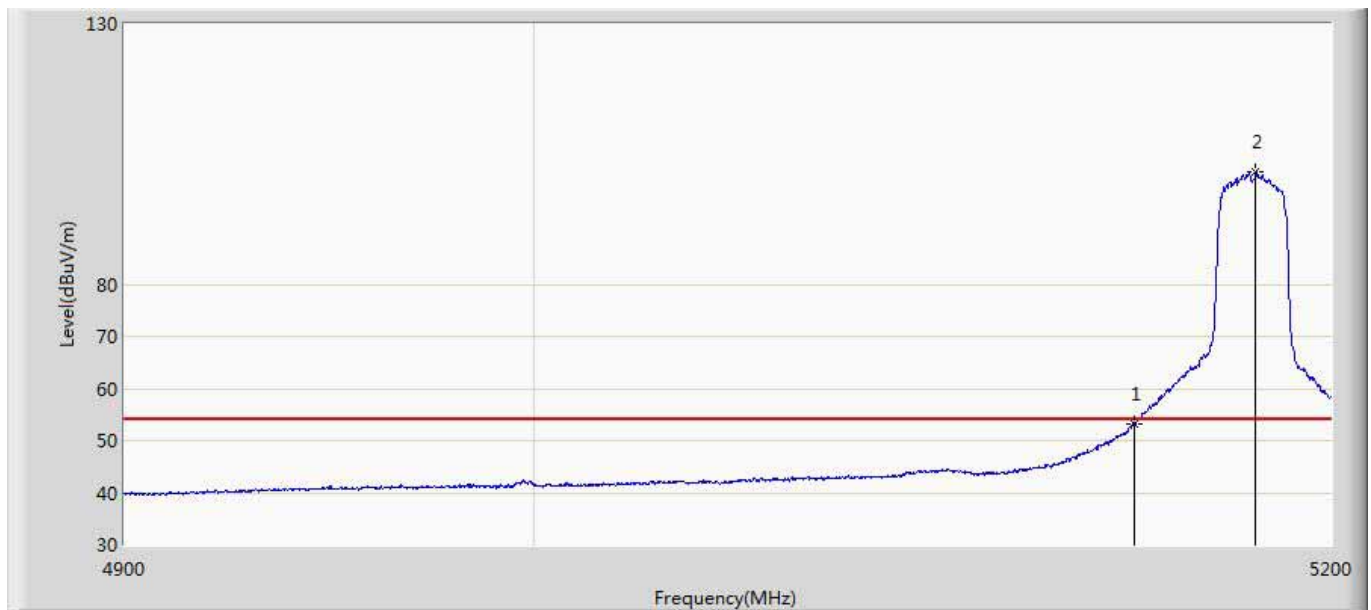
Ant#0

Site: AC5	Time: 2017/06/12 - 14:31
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 CH5180MHz by 802.11aANT0	



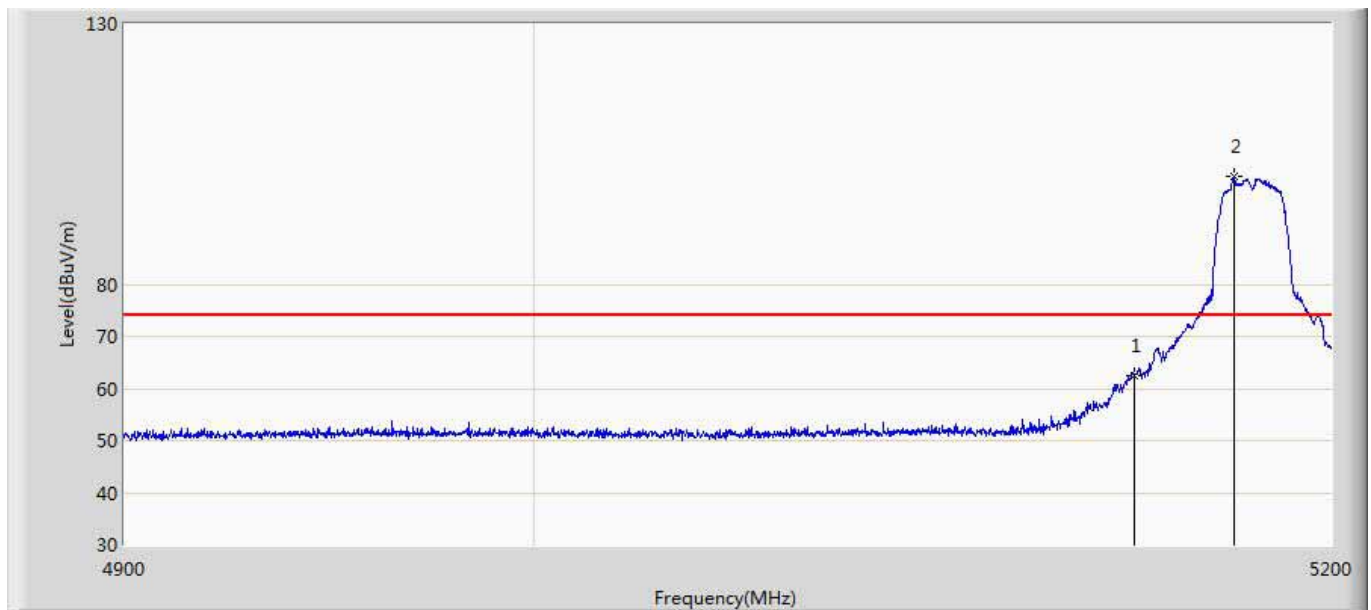
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	73.437	33.383	-0.563	74.000	40.054	PK
2	*	5175.250	111.845	71.733	37.845	74.000	40.111	PK

Site: AC5	Time: 2017/06/12 - 14:44
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 CH5180MHz by 802.11aANT0	



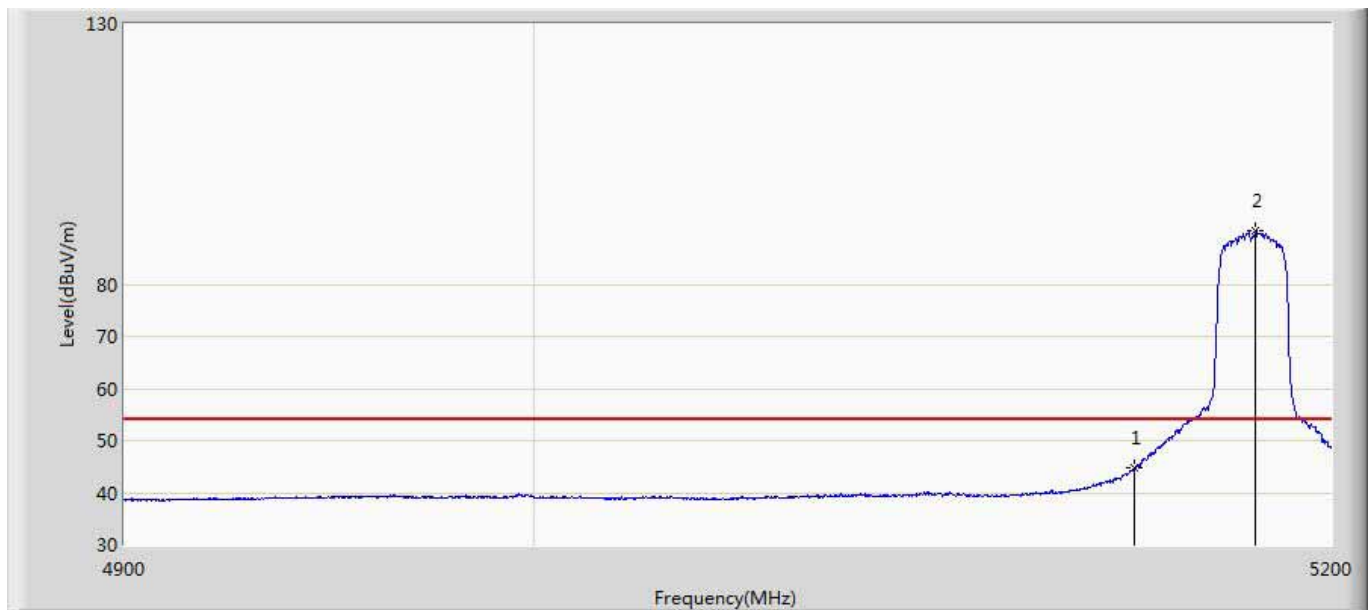
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.240	13.186	-0.760	54.000	40.054	AV
2	*	5180.800	101.595	61.475	47.595	54.000	40.120	AV

Site: AC5	Time: 2017/06/12 - 14:49
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 CH5180MHz by 802.11aANT0	



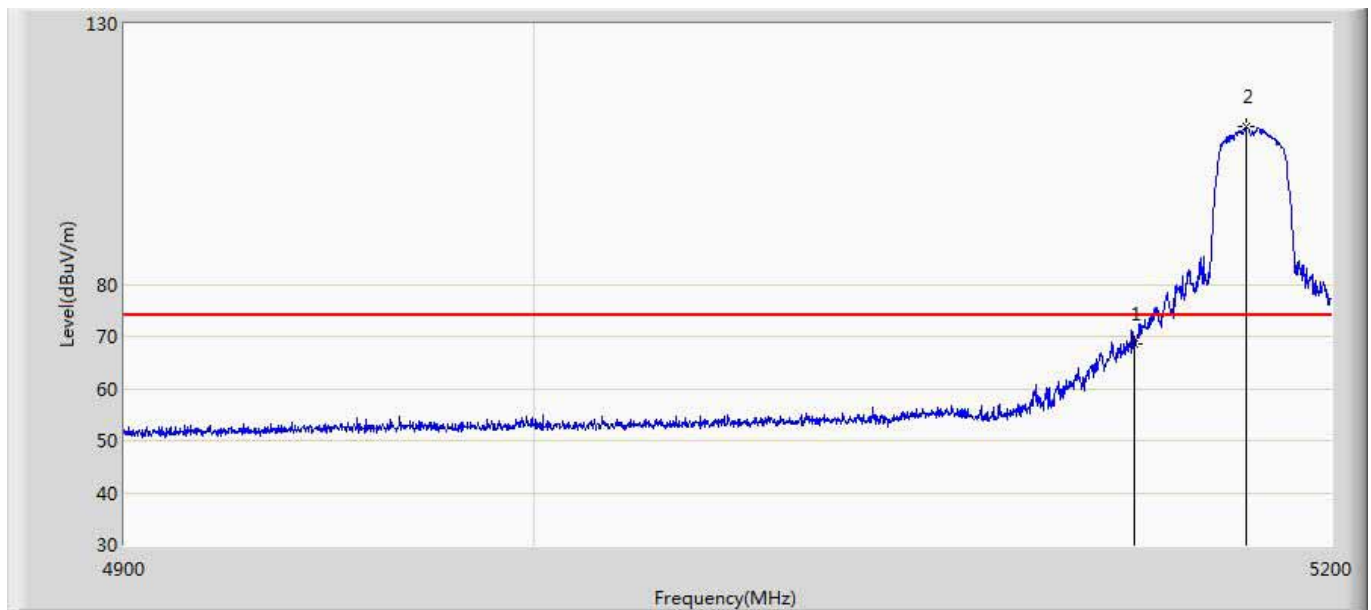
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	62.508	22.454	-11.492	74.000	40.054	PK
2	*	5175.250	100.832	60.720	26.832	74.000	40.111	PK

Site: AC5	Time: 2017/06/12 - 14:50
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 CH5180MHz by 802.11aANT0	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.724	4.670	-9.276	54.000	40.054	AV
2	*	5180.800	90.202	50.082	36.202	54.000	40.120	AV

Site: AC5	Time: 2017/06/12 - 14:52
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 CH5180MHz by 802.11n20 ANT0	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.417	28.363	-5.583	74.000	40.054	PK
2	*	5178.550	110.234	70.117	36.234	74.000	40.117	PK