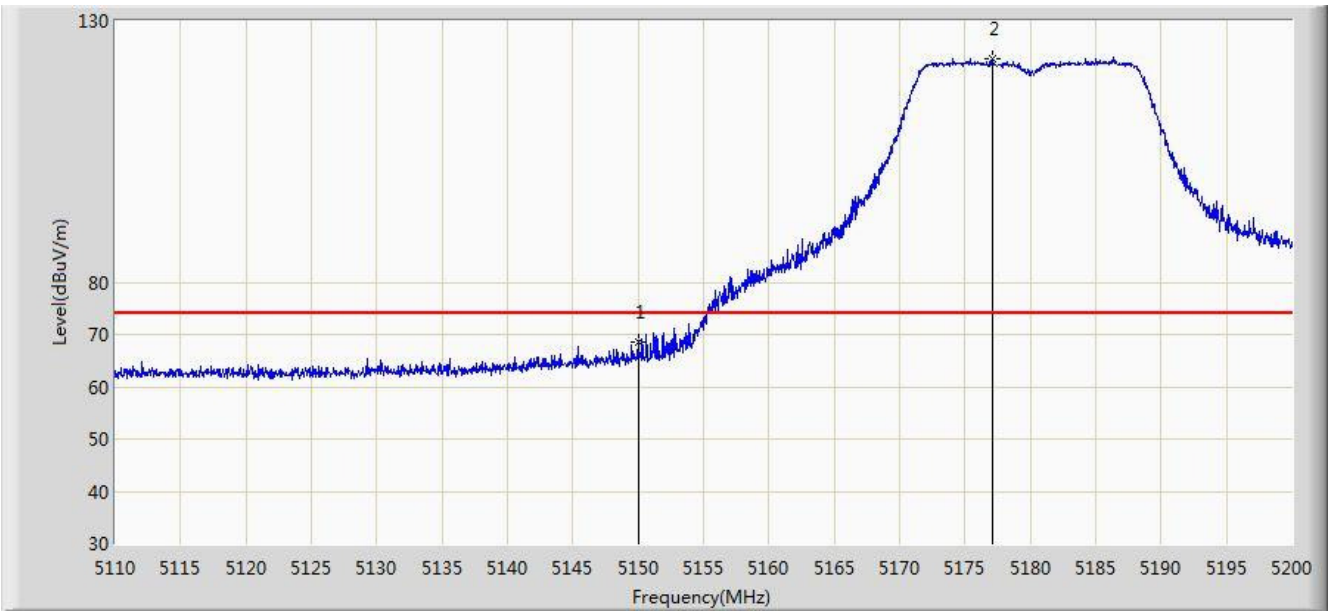
Site: AC1	Time: 2016/01/08 - 10:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

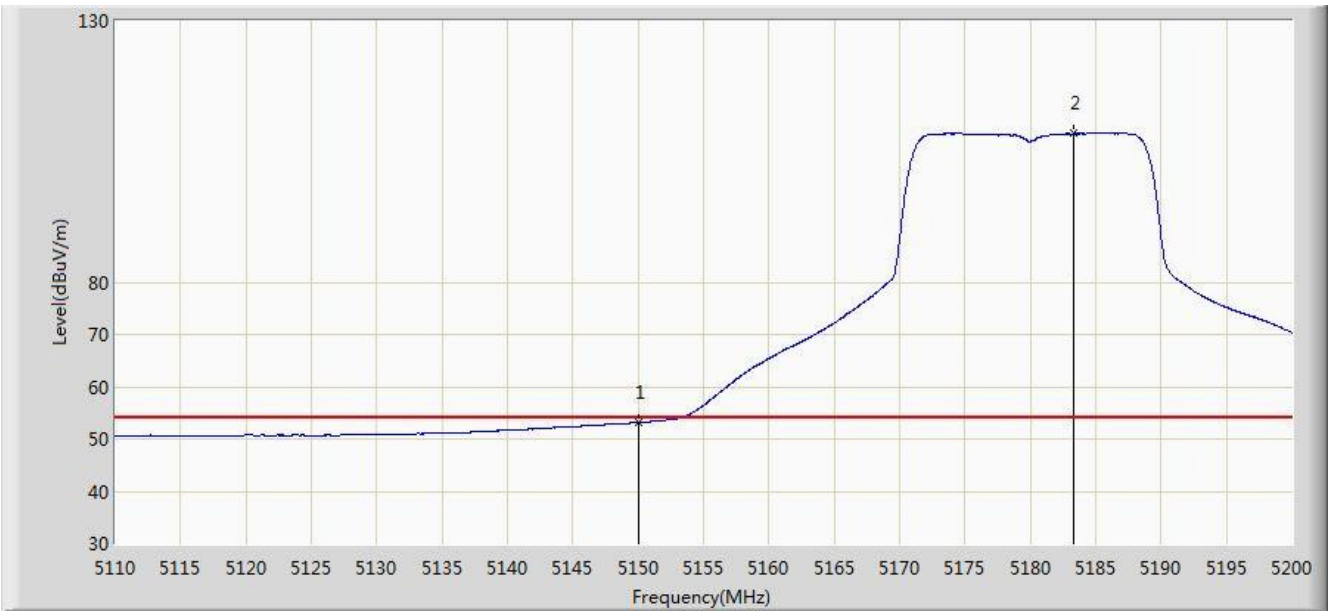


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	68.499	65.190	-5.501	74.000	3.309	PK
2		*	5177.050	122.898	119.623	N/A	N/A	3.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

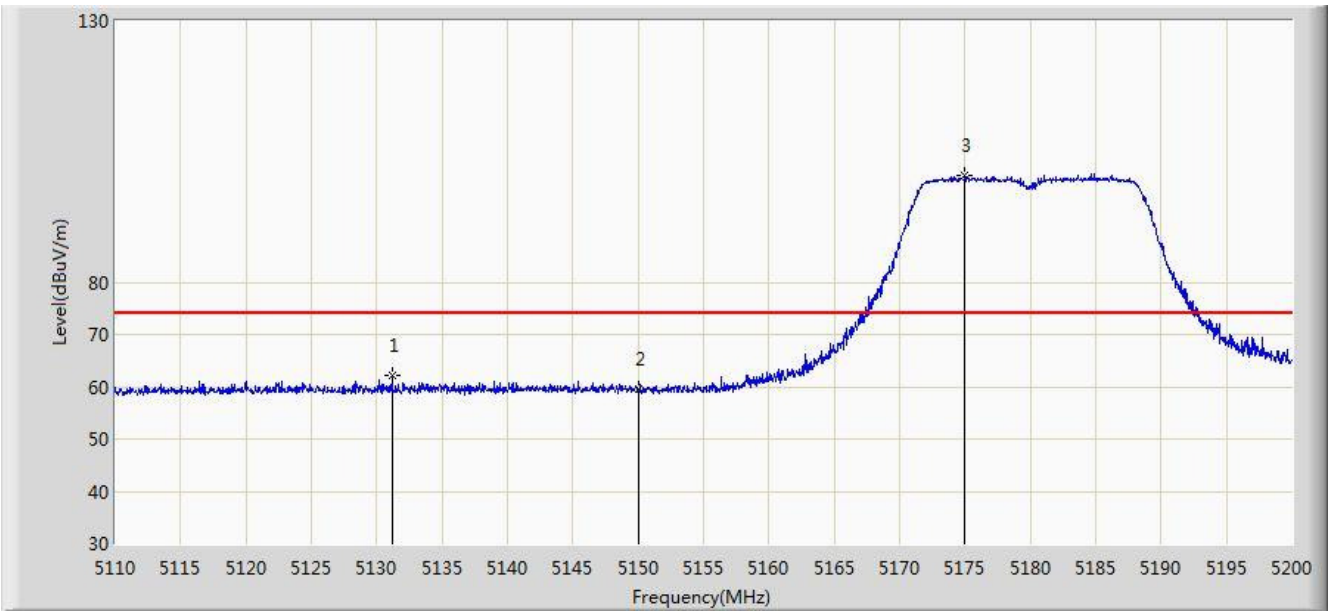


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.143	49.834	-0.857	54.000	3.309	AV
2		*	5183.305	108.441	105.172	N/A	N/A	3.270	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

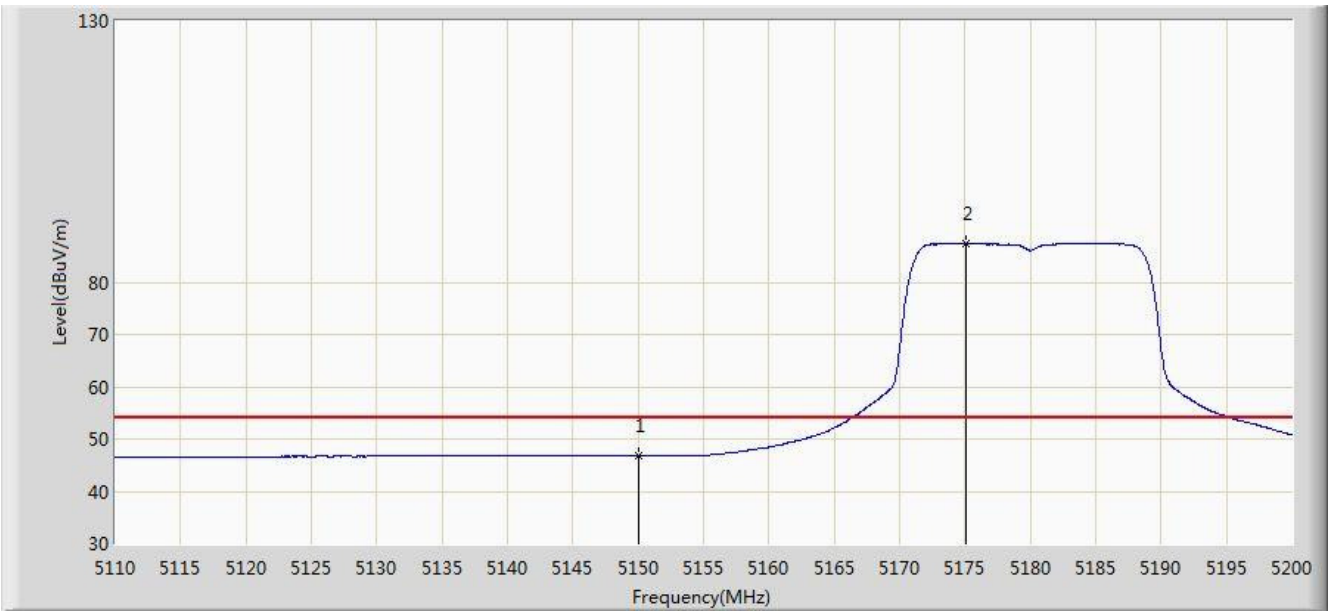


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5131.195	62.270	58.963	-11.730	74.000	3.307	PK
2			5150.000	59.493	56.184	-14.507	74.000	3.309	PK
3		*	5174.980	100.421	97.144	N/A	N/A	3.277	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 1	

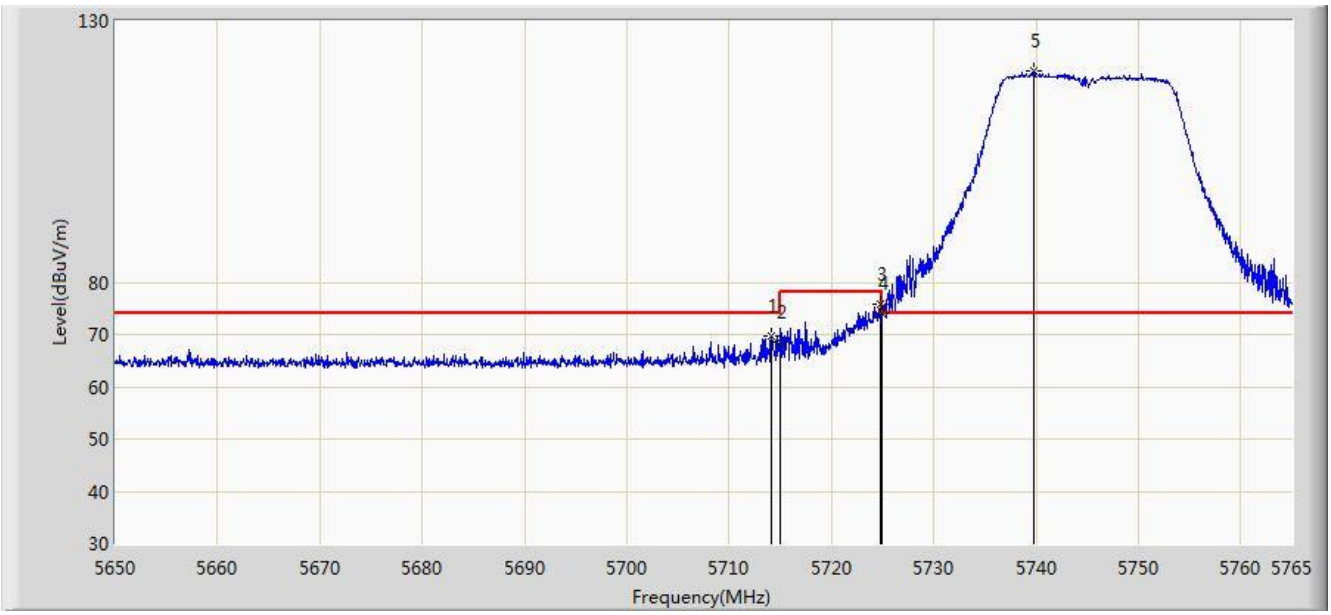


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.792	43.483	-7.208	54.000	3.309	AV
2		*	5175.025	87.388	84.111	N/A	N/A	3.277	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

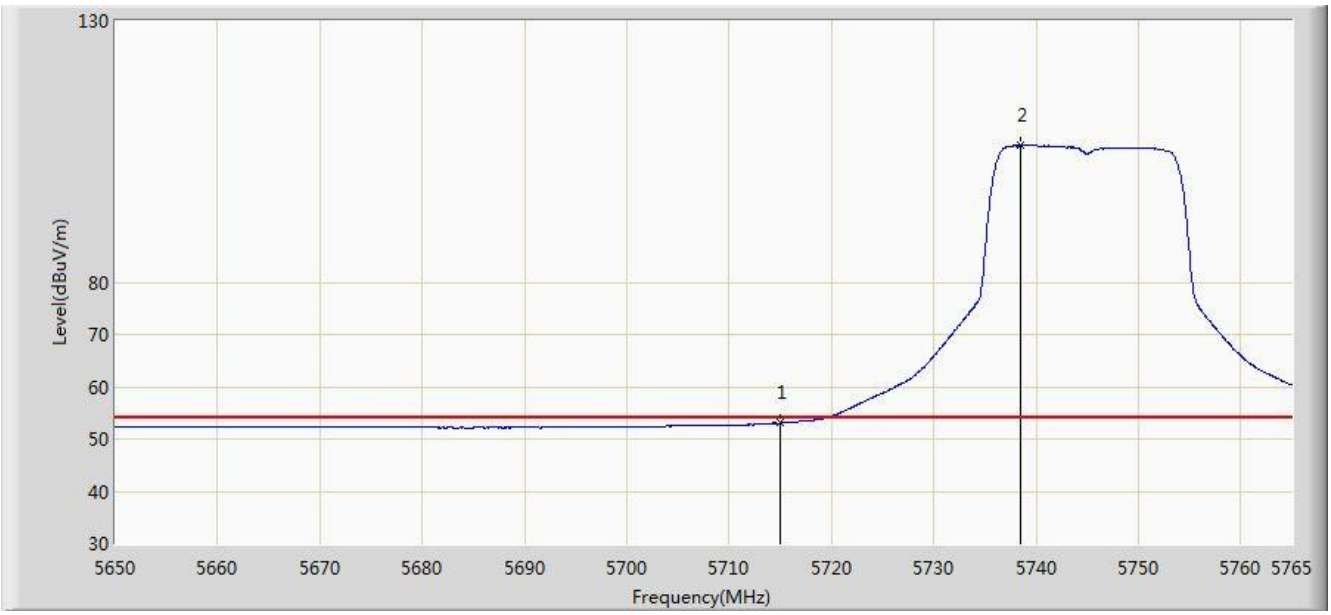


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.170	69.617	65.859	-4.383	74.000	3.759	PK
2			5715.000	68.544	64.783	-5.456	74.000	3.761	PK
3			5724.750	75.803	72.013	-2.397	78.200	3.790	PK
4			5725.000	74.152	70.361	-4.048	78.200	3.791	PK
5		*	5739.757	120.403	116.567	N/A	N/A	3.836	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

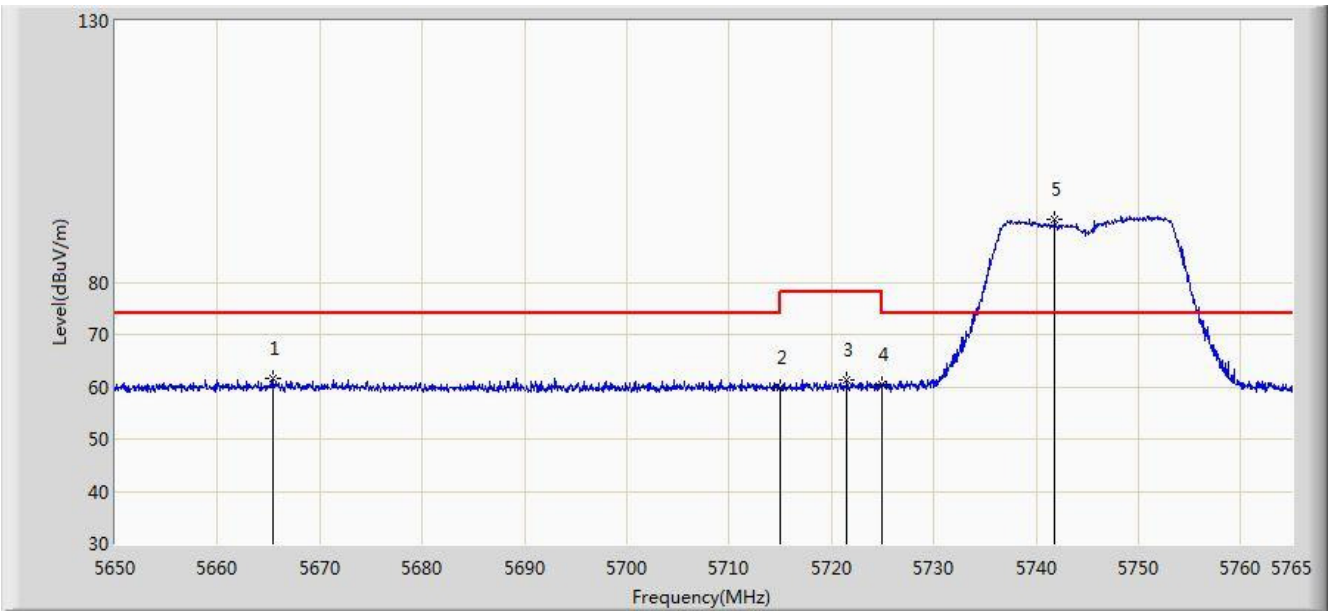


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	53.070	49.309	-0.930	54.000	3.761	AV
2		*	5738.493	106.144	102.311	N/A	N/A	3.834	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

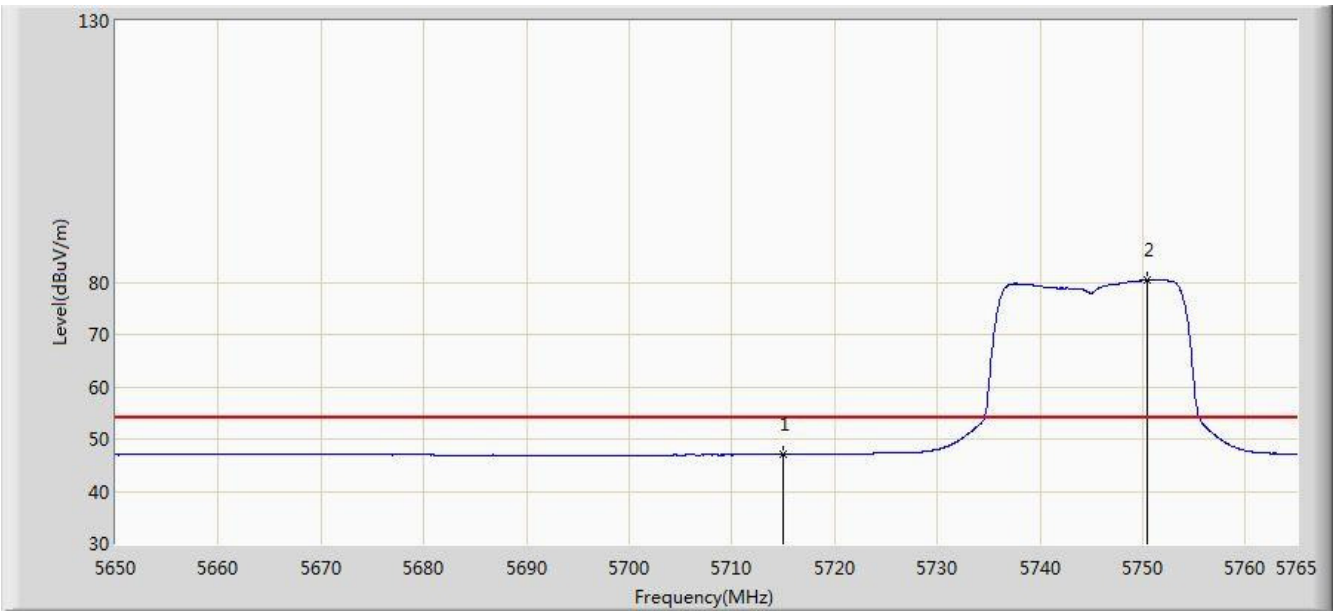


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5665.467	61.607	57.953	-12.393	74.000	3.655	PK
2			5715.000	59.793	56.032	-14.207	74.000	3.761	PK
3			5721.530	61.185	57.405	-17.015	78.200	3.781	PK
4			5725.000	60.405	56.614	-17.795	78.200	3.791	PK
5		*	5741.828	92.029	88.187	N/A	N/A	3.842	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 1	

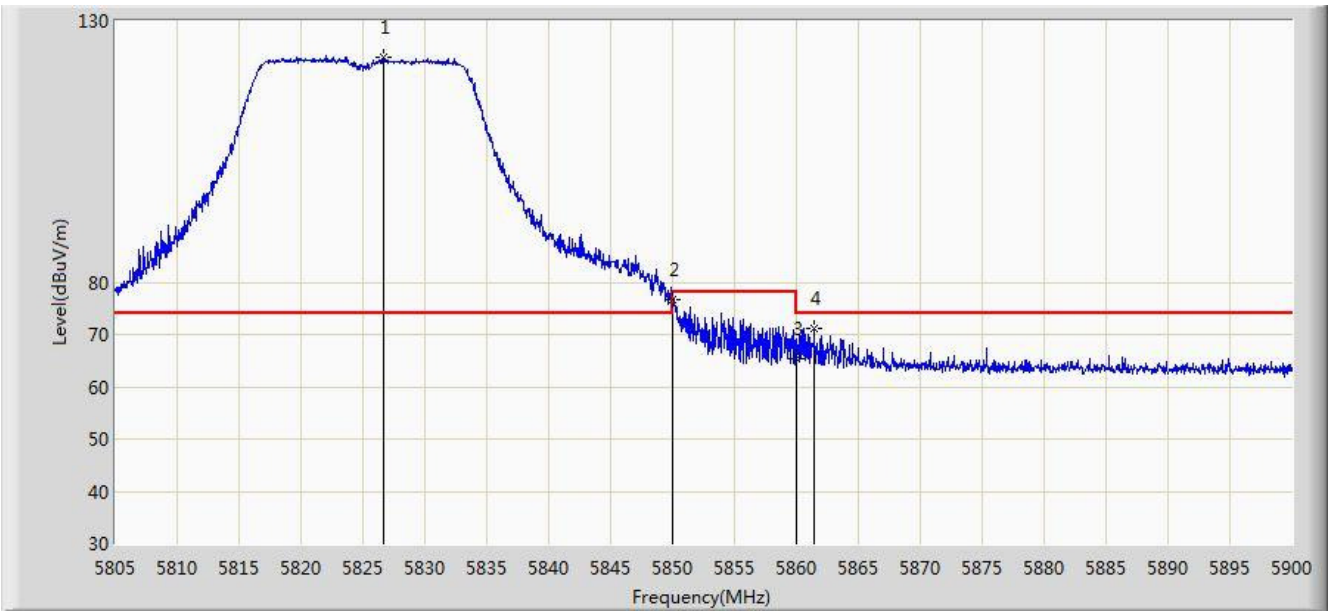


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.029	43.268	-6.971	54.000	3.761	AV
2		*	5750.510	80.475	76.602	N/A	N/A	3.873	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

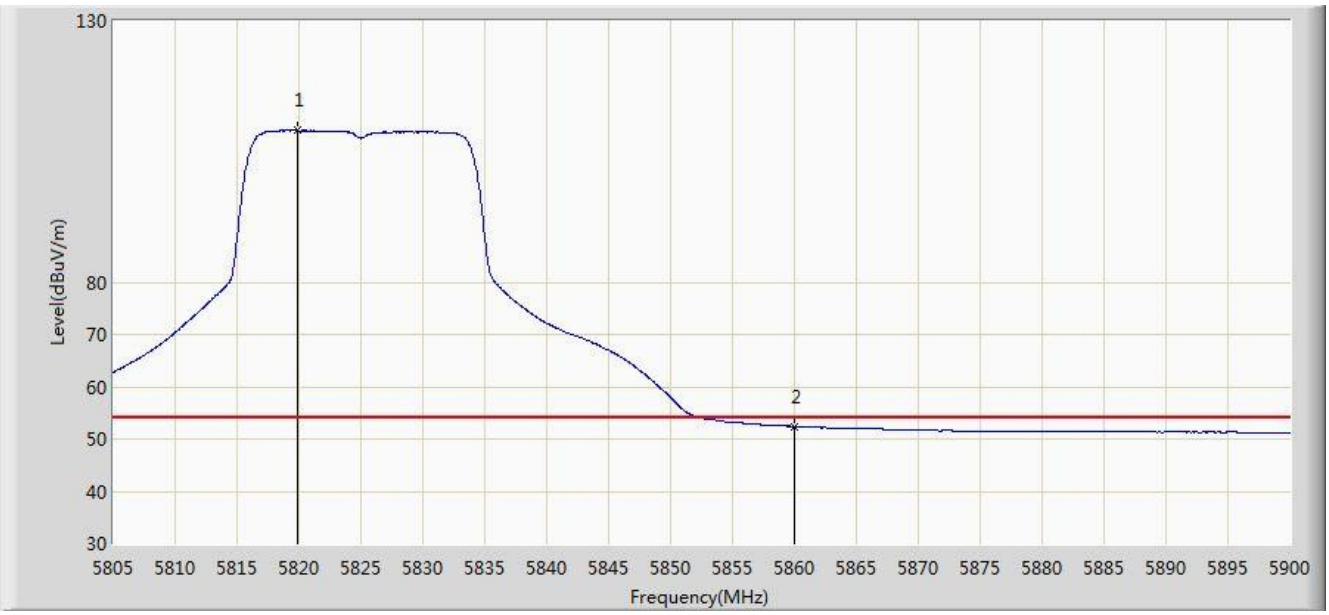


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.708	123.046	119.037	N/A	N/A	4.009	PK
2			5850.000	76.678	72.621	-1.522	78.200	4.058	PK
3			5860.000	65.256	61.193	-8.744	74.000	4.064	PK
4			5861.478	71.257	67.193	-2.743	74.000	4.065	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

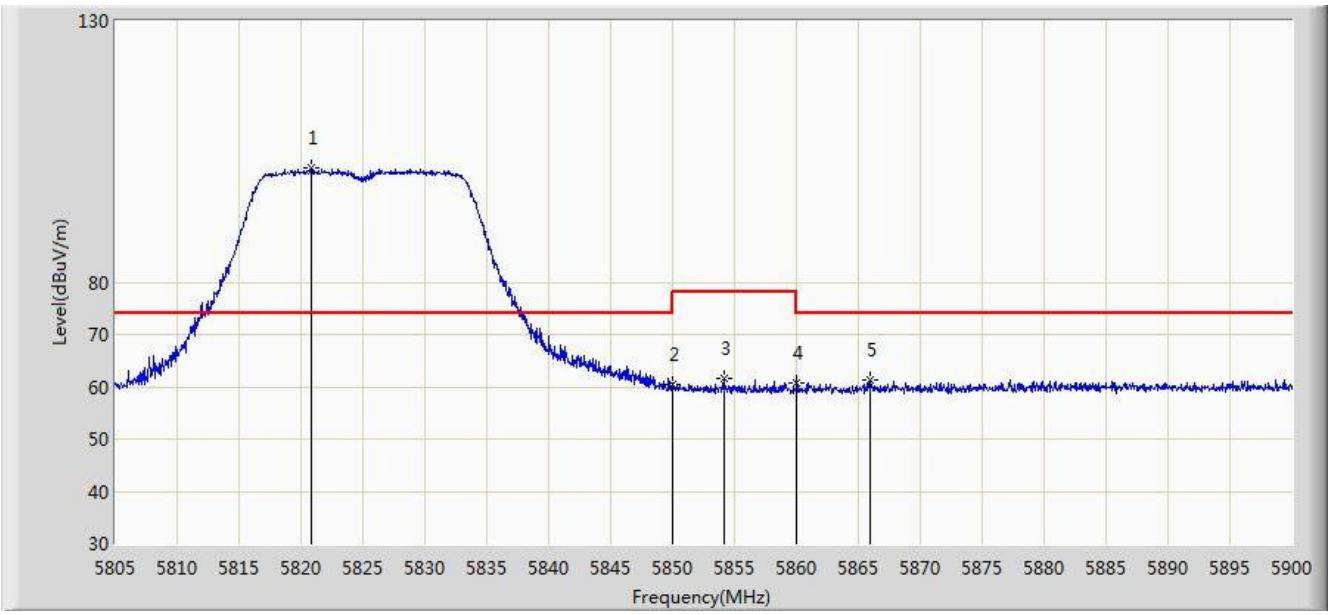


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	109.074	105.080	N/A	N/A	3.994	AV
2			5860.000	52.394	48.331	-1.606	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

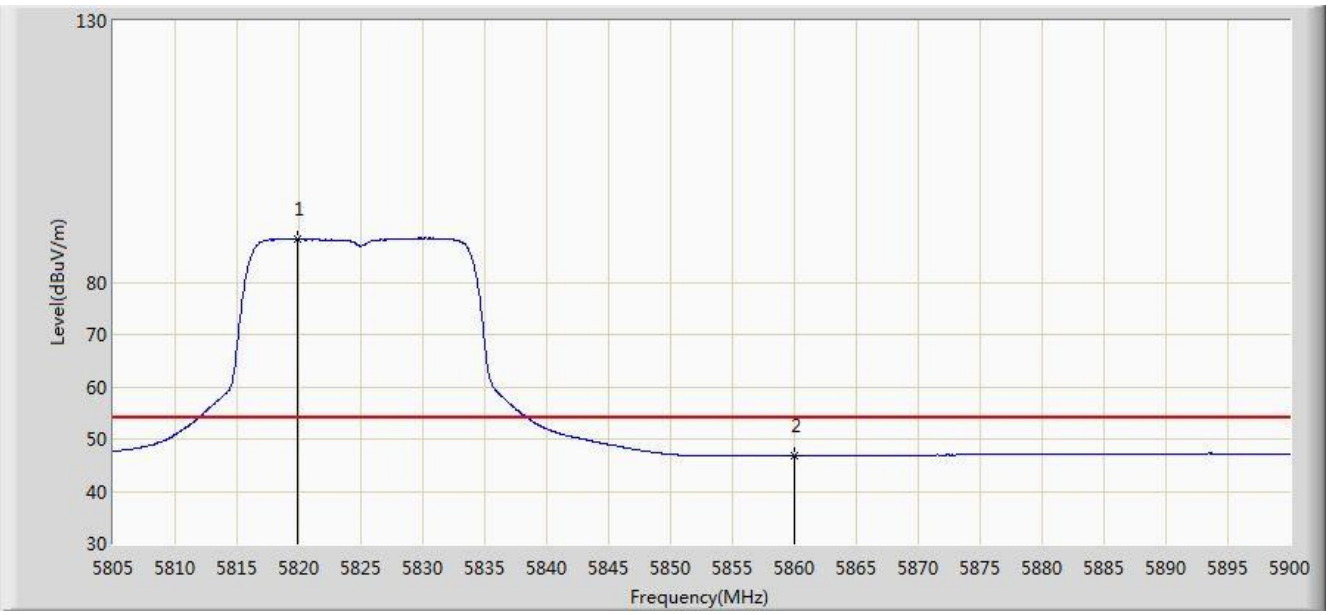


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.817	101.834	97.838	N/A	N/A	3.997	PK
2			5850.000	60.394	56.337	-17.806	78.200	4.058	PK
3			5854.115	61.495	57.435	-16.705	78.200	4.059	PK
4			5860.000	60.741	56.678	-13.259	74.000	4.064	PK
5			5865.895	61.172	57.095	-12.828	74.000	4.077	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 1	

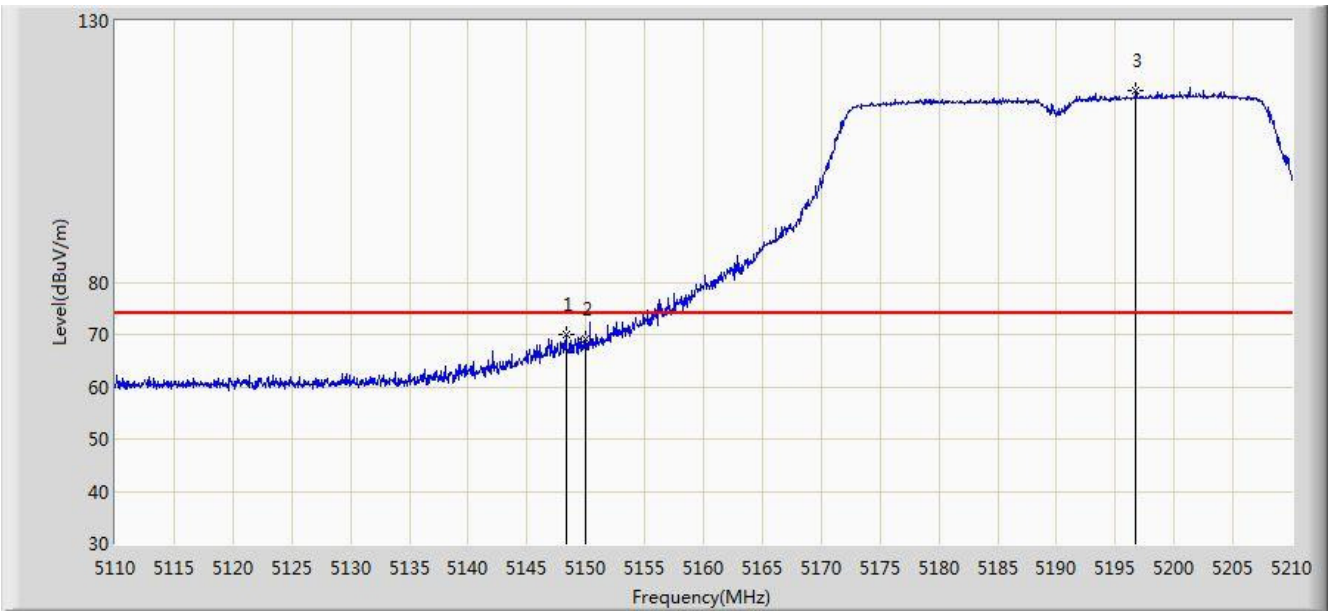


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.868	88.245	84.251	N/A	N/A	3.994	AV
2			5860.000	46.731	42.668	-7.269	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

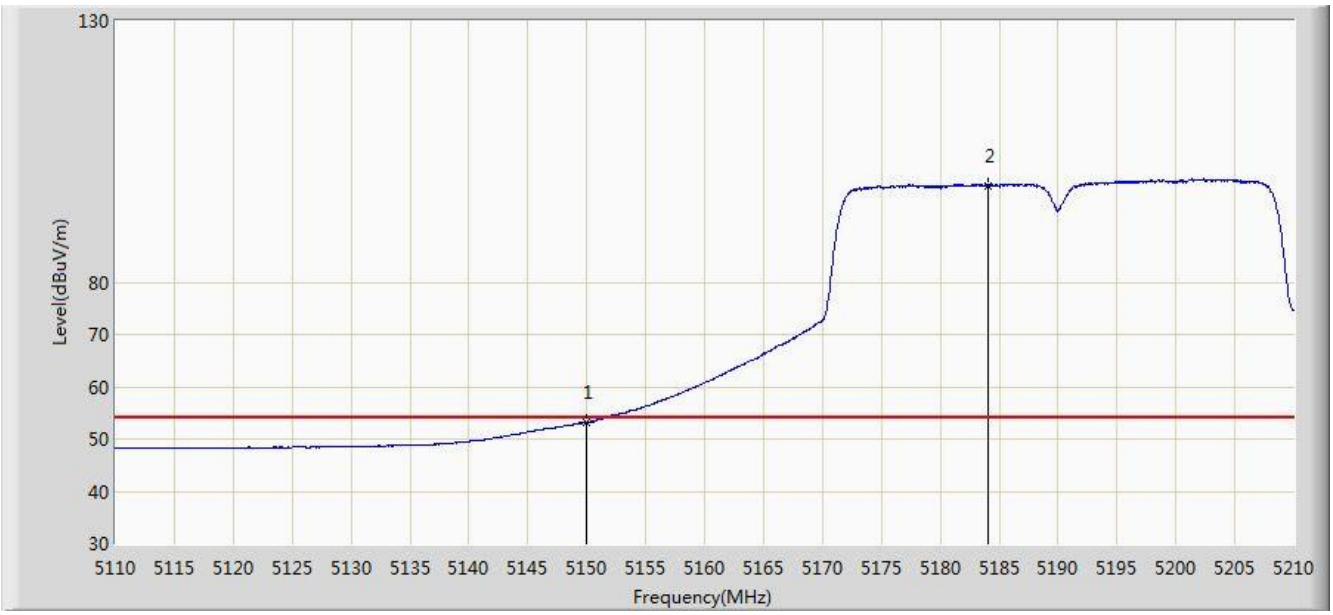


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.300	70.144	66.835	-3.856	74.000	3.308	PK
2			5150.000	69.110	65.801	-4.890	74.000	3.309	PK
3		*	5196.750	116.524	113.271	N/A	N/A	3.253	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:53
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

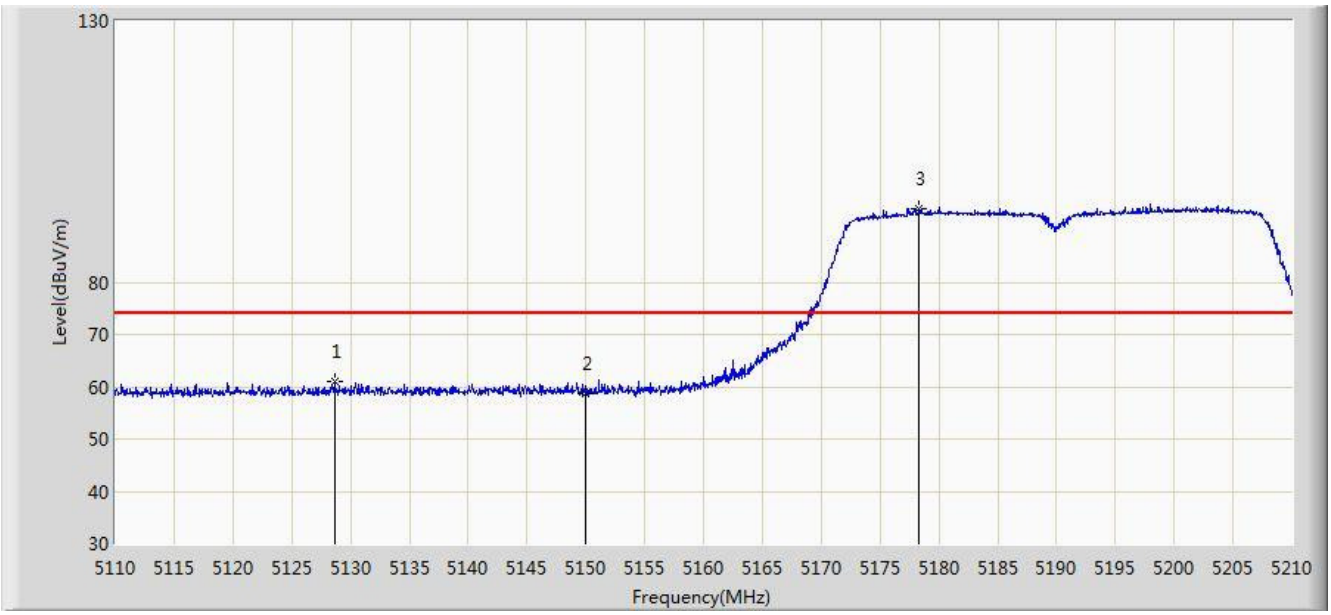


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.251	49.942	-0.749	54.000	3.309	AV
2		*	5184.000	98.508	95.239	N/A	N/A	3.268	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

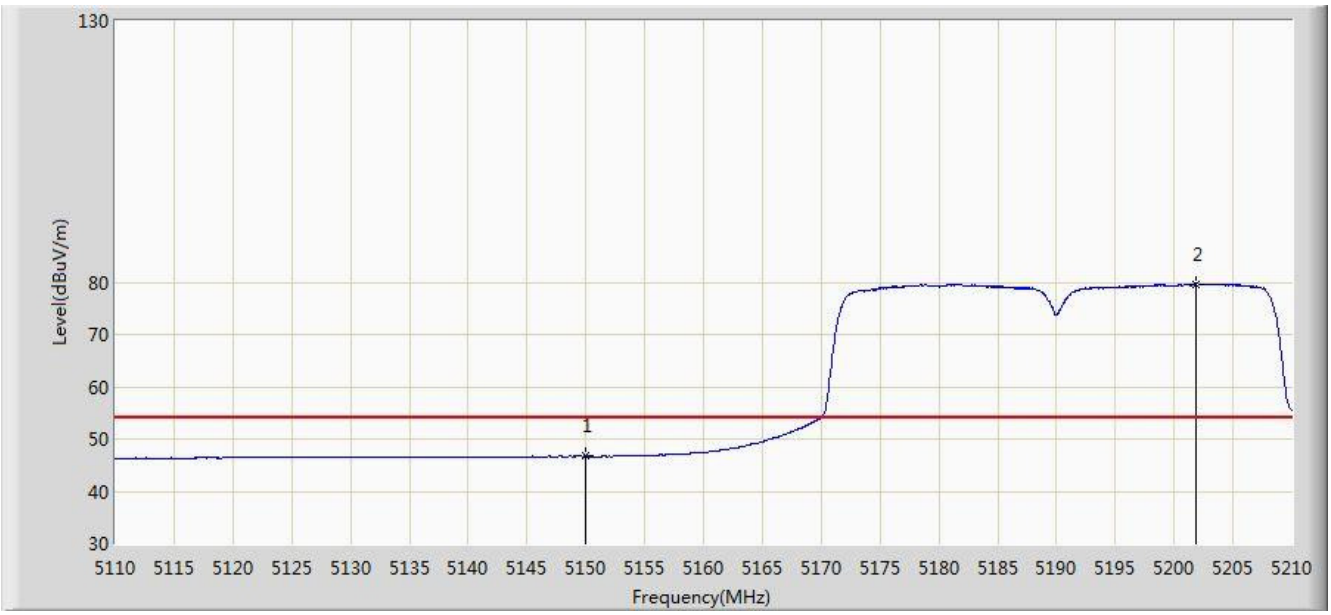


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5128.650	61.114	57.810	-12.886	74.000	3.304	PK
2			5150.000	58.615	55.306	-15.385	74.000	3.309	PK
3		*	5178.300	94.155	90.881	N/A	N/A	3.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 10:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 1	

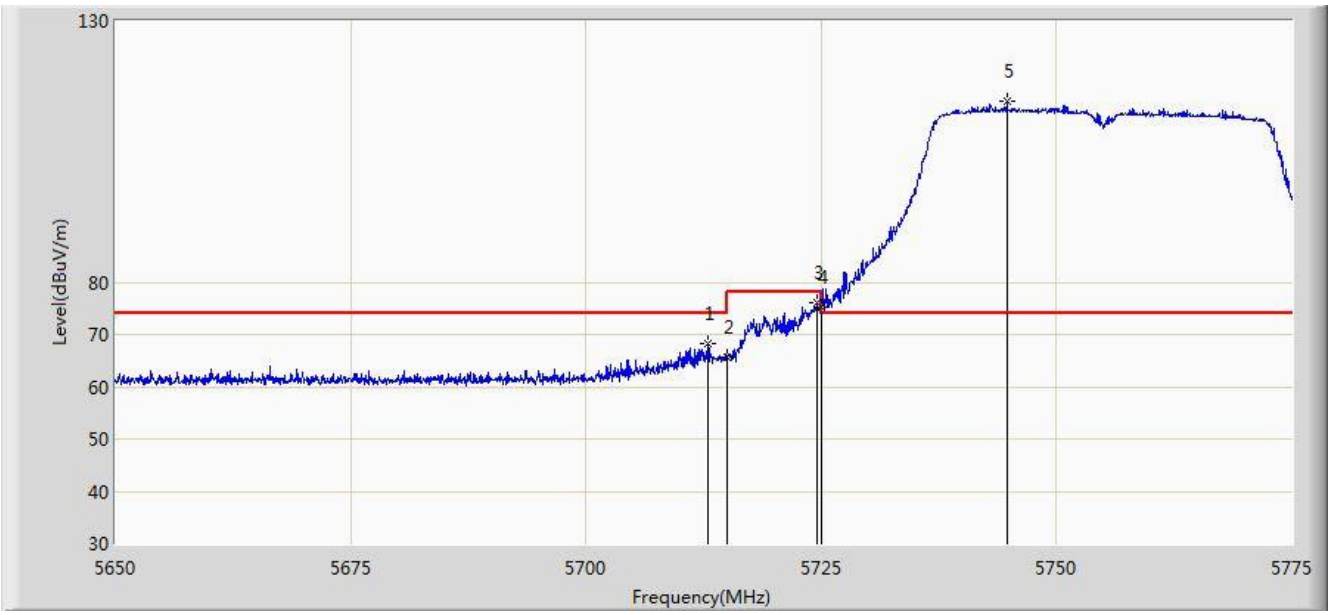


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.692	43.383	-7.308	54.000	3.309	AV
2		*	5201.850	79.571	76.327	N/A	N/A	3.245	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

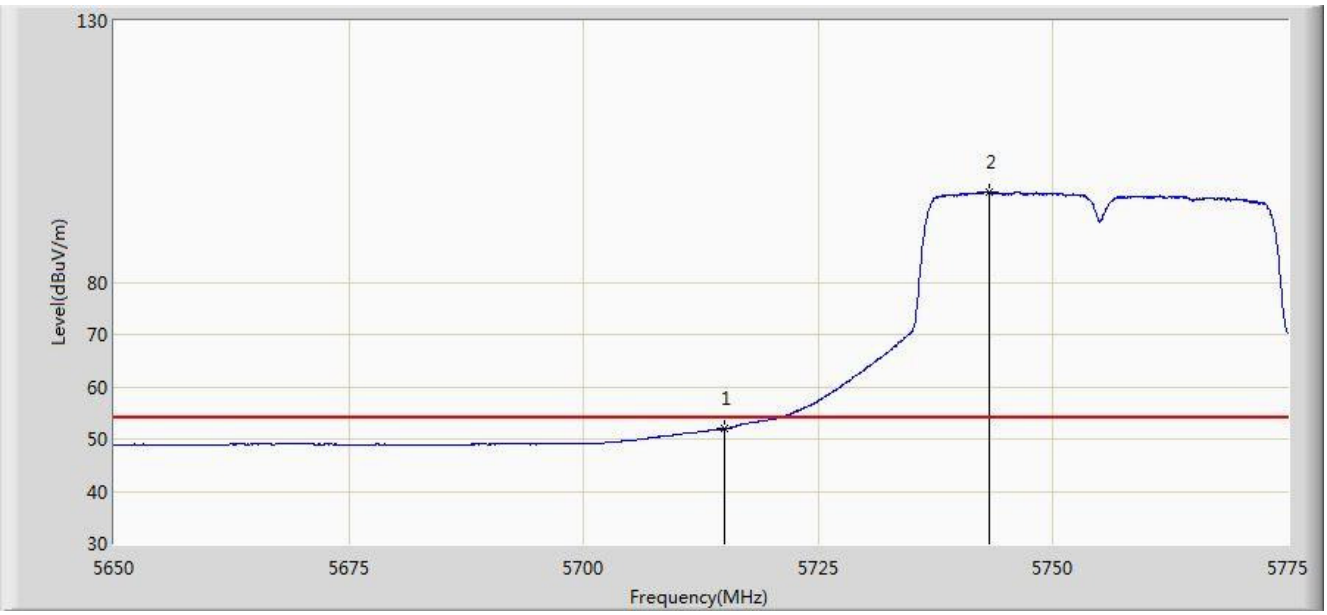


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.937	68.147	64.392	-5.853	74.000	3.755	PK
2			5715.000	65.581	61.820	-8.419	74.000	3.761	PK
3			5724.562	76.089	72.300	-2.111	78.200	3.790	PK
4			5725.000	75.214	71.423	-2.986	78.200	3.791	PK
5		*	5744.750	114.583	110.731	N/A	N/A	3.851	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

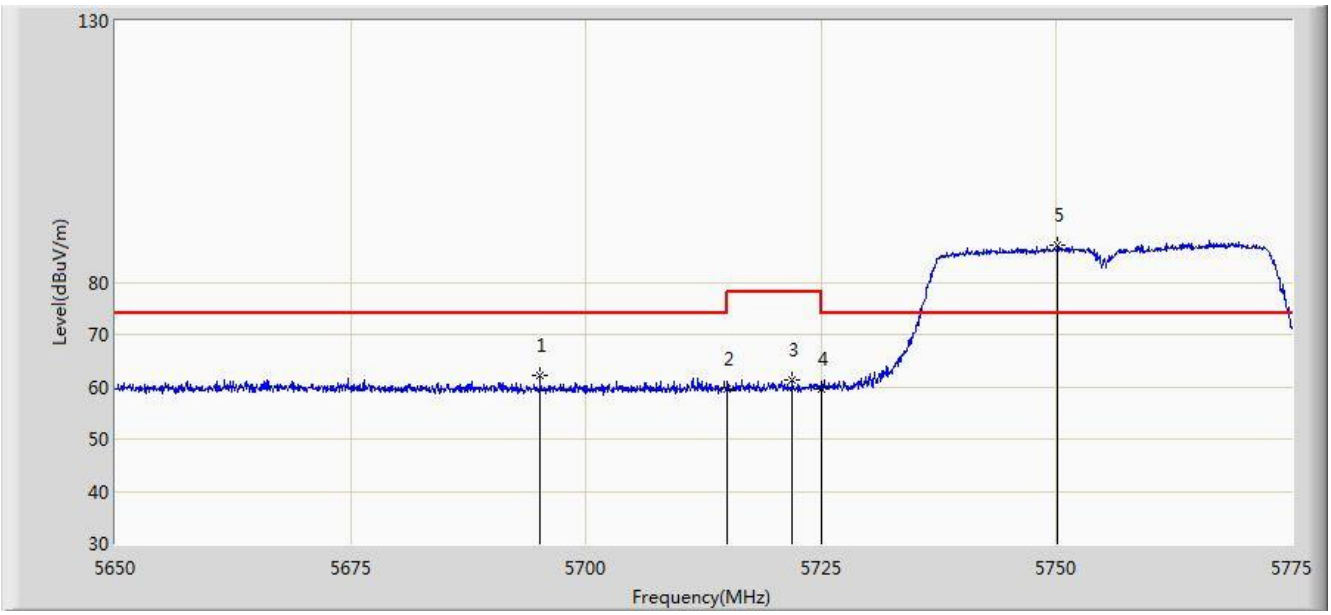


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.003	48.242	-1.997	54.000	3.761	AV
2		*	5743.187	97.271	93.425	N/A	N/A	3.846	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

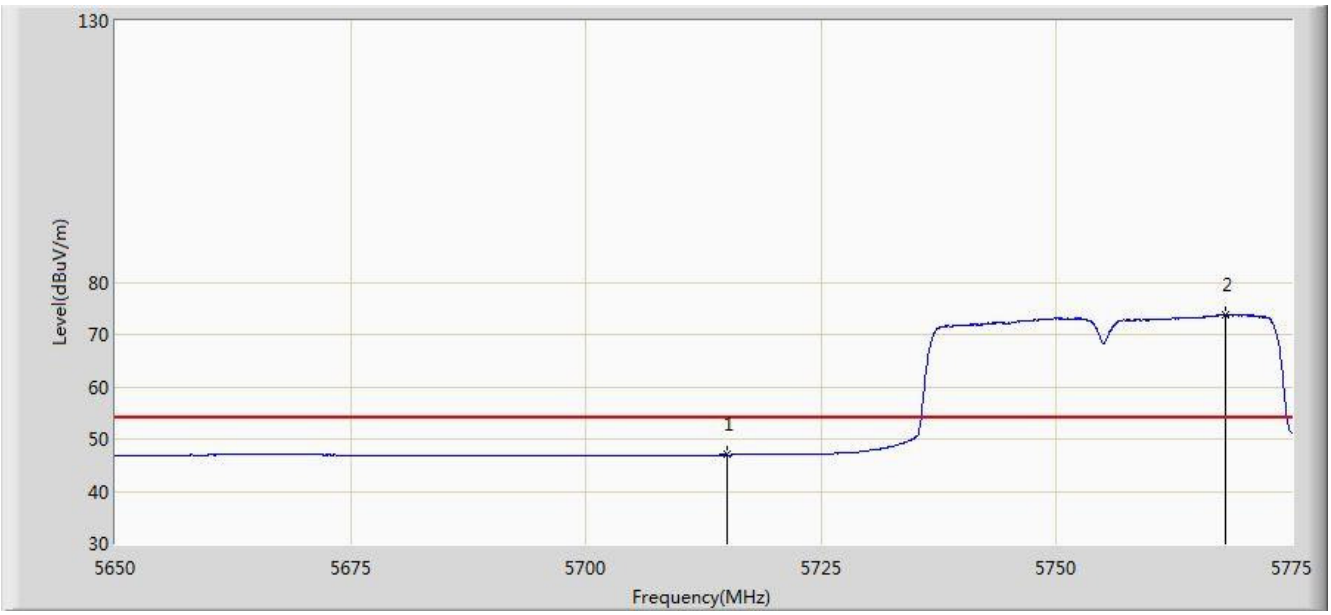


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5695.125	62.118	58.406	-11.882	74.000	3.712	PK
2			5715.000	59.609	55.848	-14.391	74.000	3.761	PK
3			5721.937	61.417	57.636	-16.783	78.200	3.781	PK
4			5725.000	59.660	55.869	-18.540	78.200	3.791	PK
5		*	5750.125	87.023	83.151	N/A	N/A	3.872	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 1	

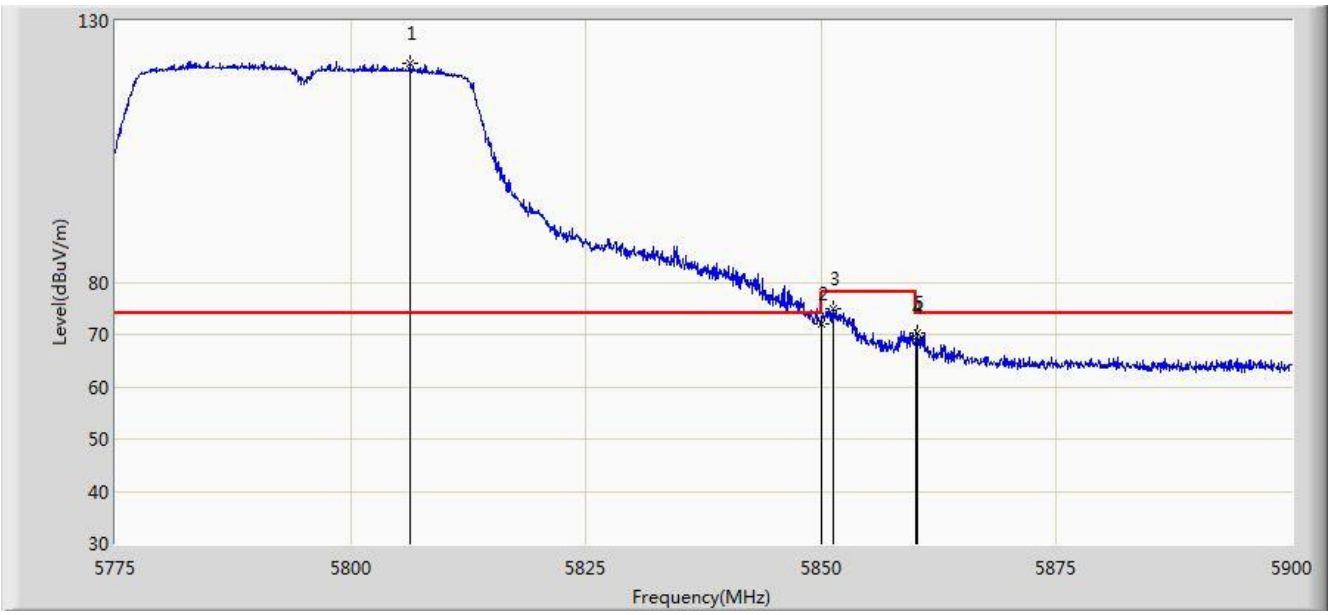


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	46.975	43.214	-7.025	54.000	3.761	AV
2		*	5767.937	73.831	69.918	N/A	N/A	3.913	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

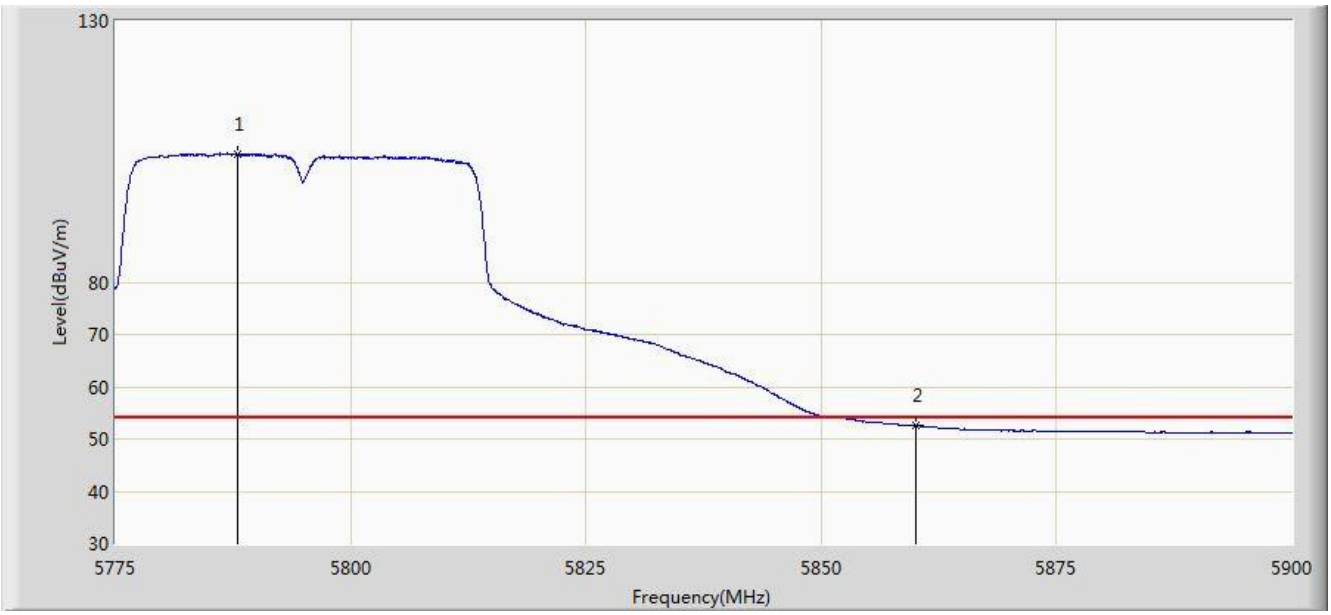


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5806.250	121.805	117.838	N/A	N/A	3.968	PK
2			5850.000	72.013	67.956	-6.187	78.200	4.058	PK
3			5851.250	74.898	70.840	-3.302	78.200	4.058	PK
4			5860.000	69.411	65.348	-4.589	74.000	4.064	PK
5			5860.187	70.304	66.240	-3.696	74.000	4.063	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

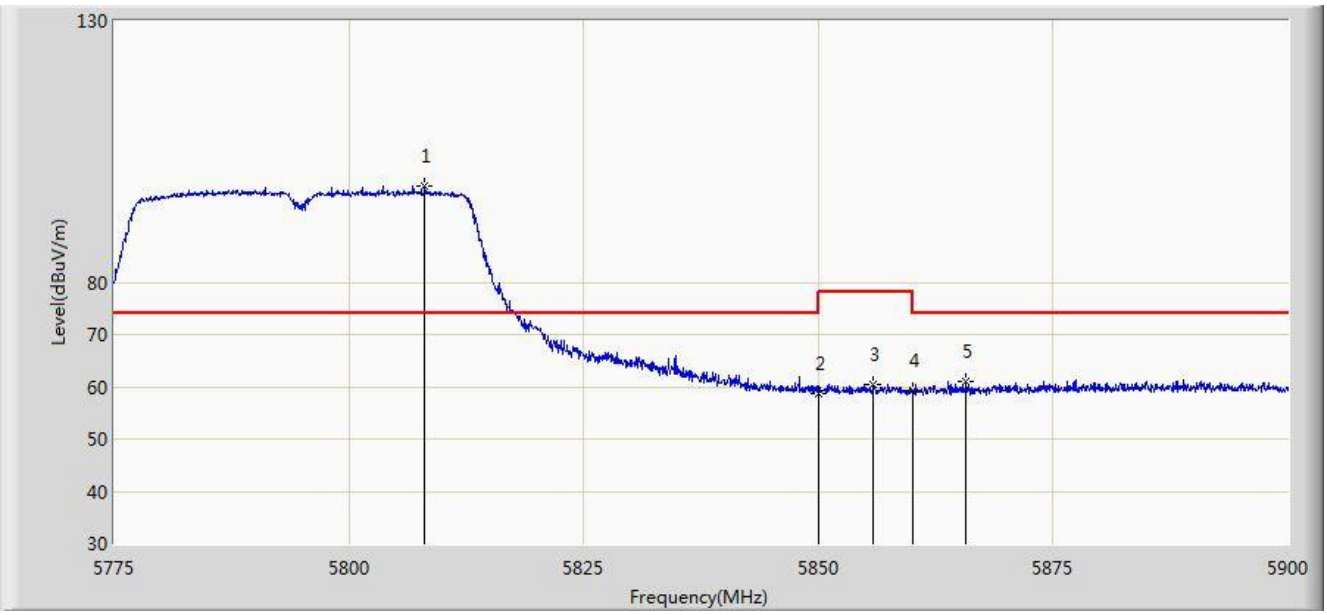


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.937	104.425	100.484	N/A	N/A	3.941	AV
2			5860.000	52.546	48.483	-1.454	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

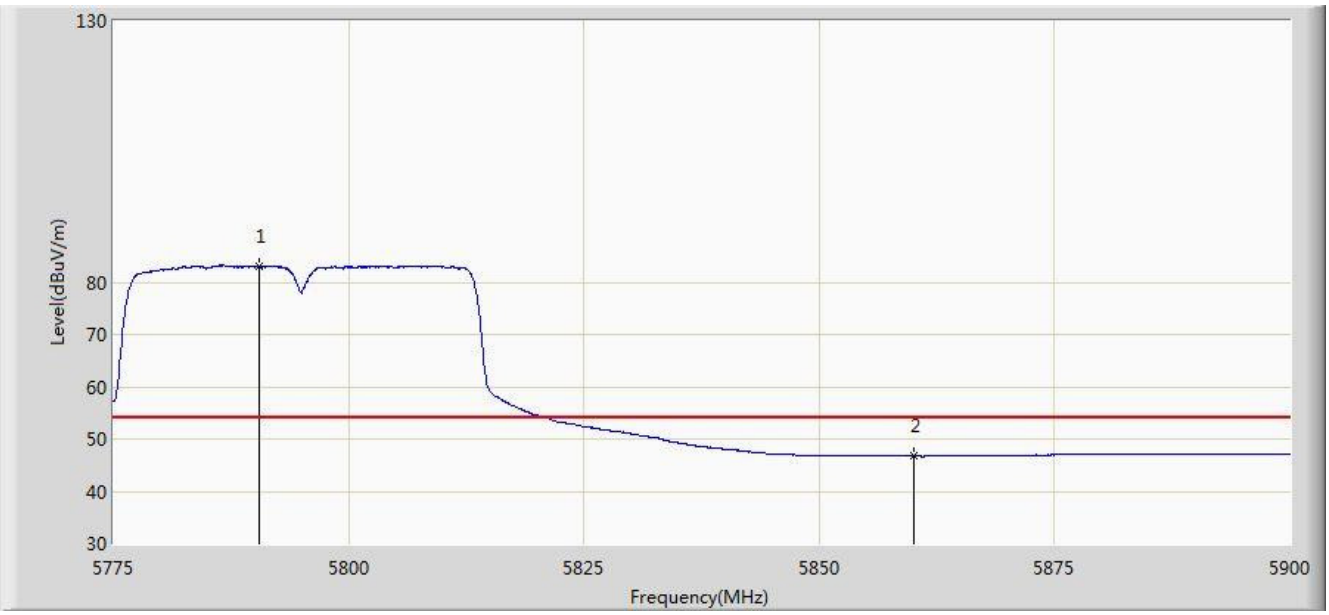


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5808.062	98.263	94.294	N/A	N/A	3.969	PK
2			5850.000	58.834	54.777	-19.366	78.200	4.058	PK
3			5855.812	60.433	56.372	-17.767	78.200	4.061	PK
4			5860.000	59.237	55.174	-14.763	74.000	4.064	PK
5			5865.687	60.960	56.884	-13.040	74.000	4.076	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 1	

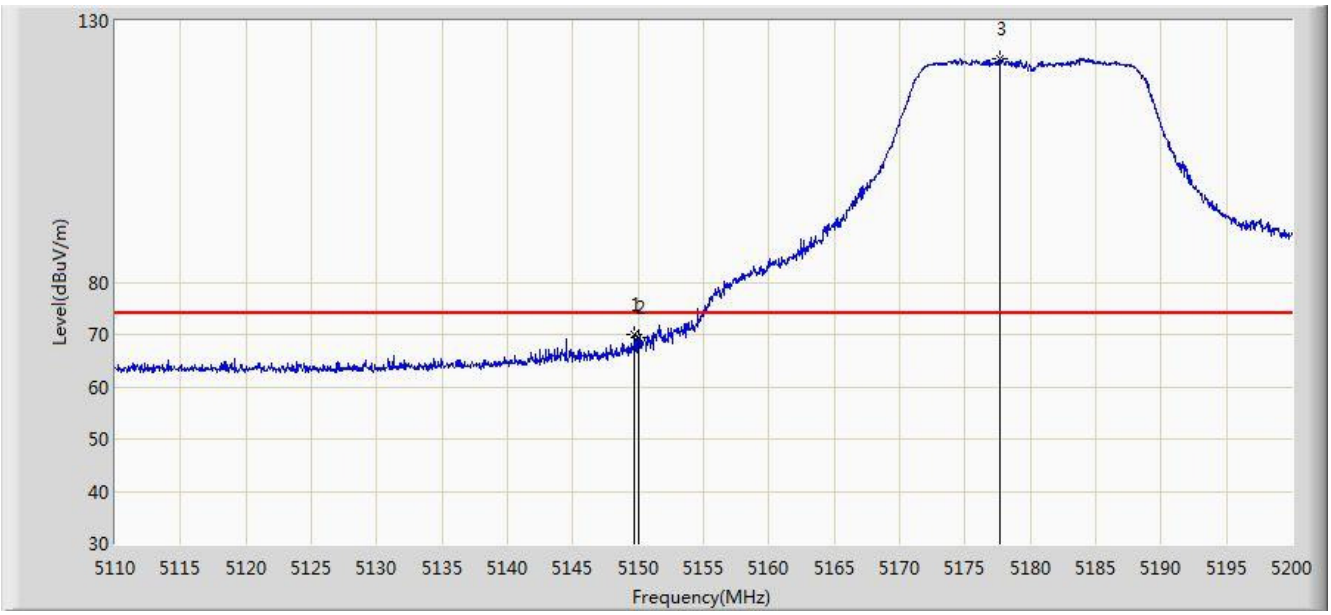


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5790.562	82.988	79.042	N/A	N/A	3.946	AV
2			5860.000	46.731	42.668	-7.269	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

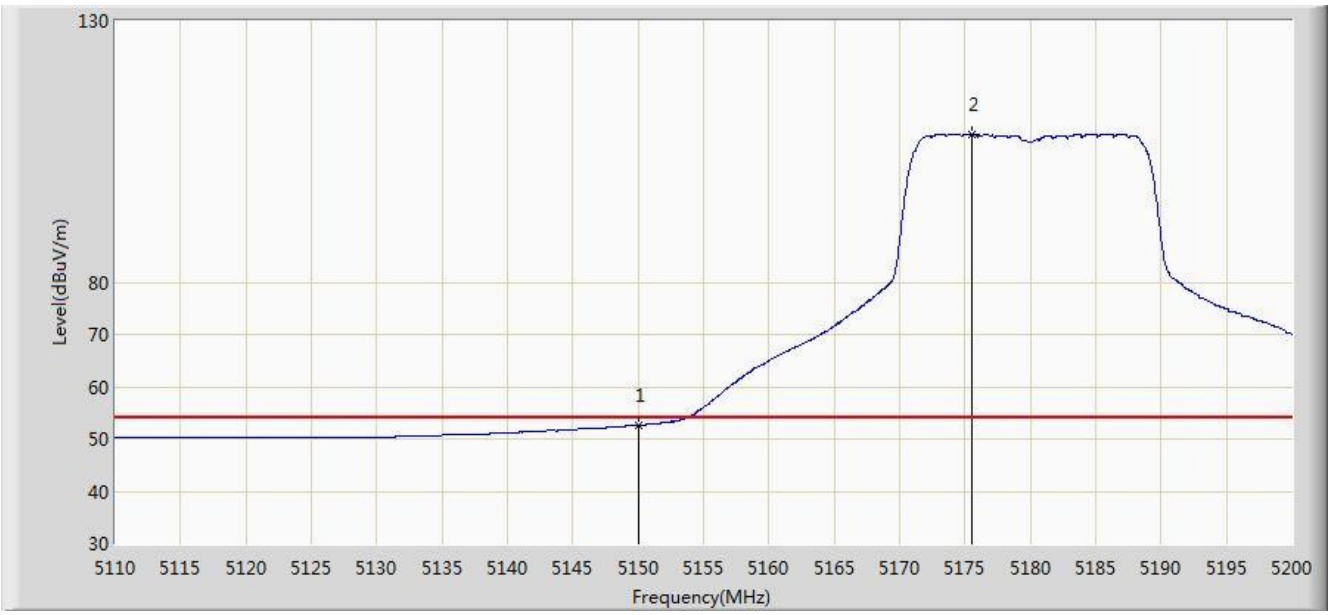


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.735	69.908	66.599	-4.092	74.000	3.308	PK
2			5150.000	69.444	66.135	-4.556	74.000	3.309	PK
3		*	5177.680	122.755	119.480	N/A	N/A	3.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

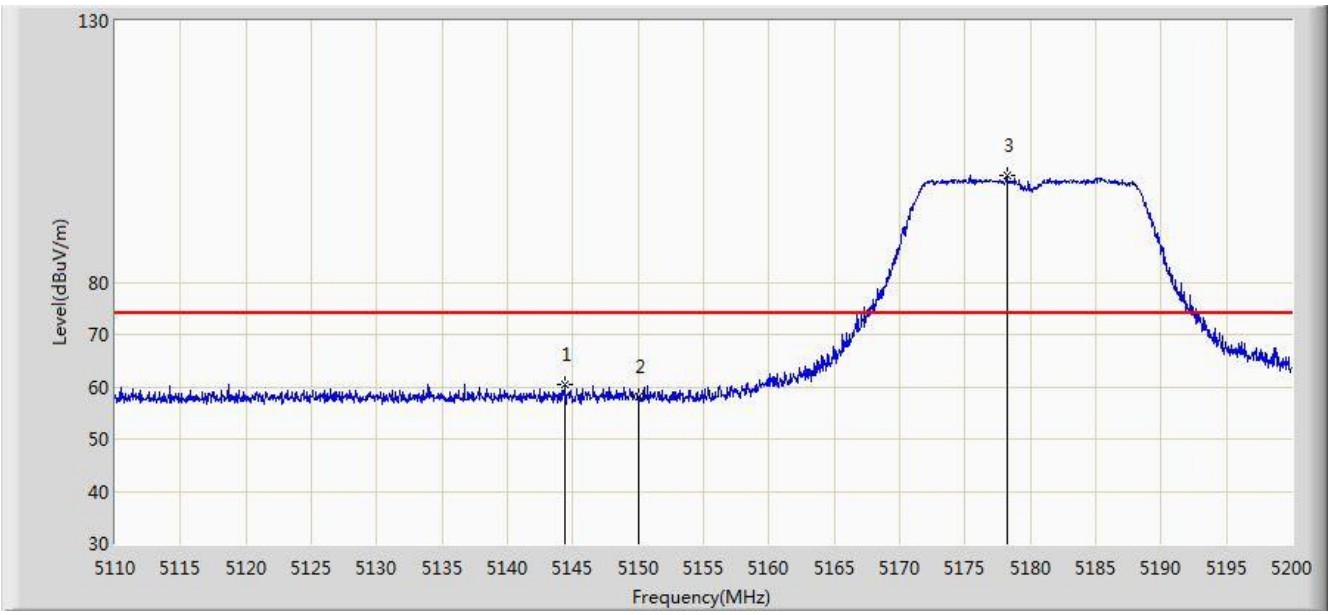


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.694	49.385	-1.306	54.000	3.309	AV
2		*	5175.475	108.199	104.922	N/A	N/A	3.277	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

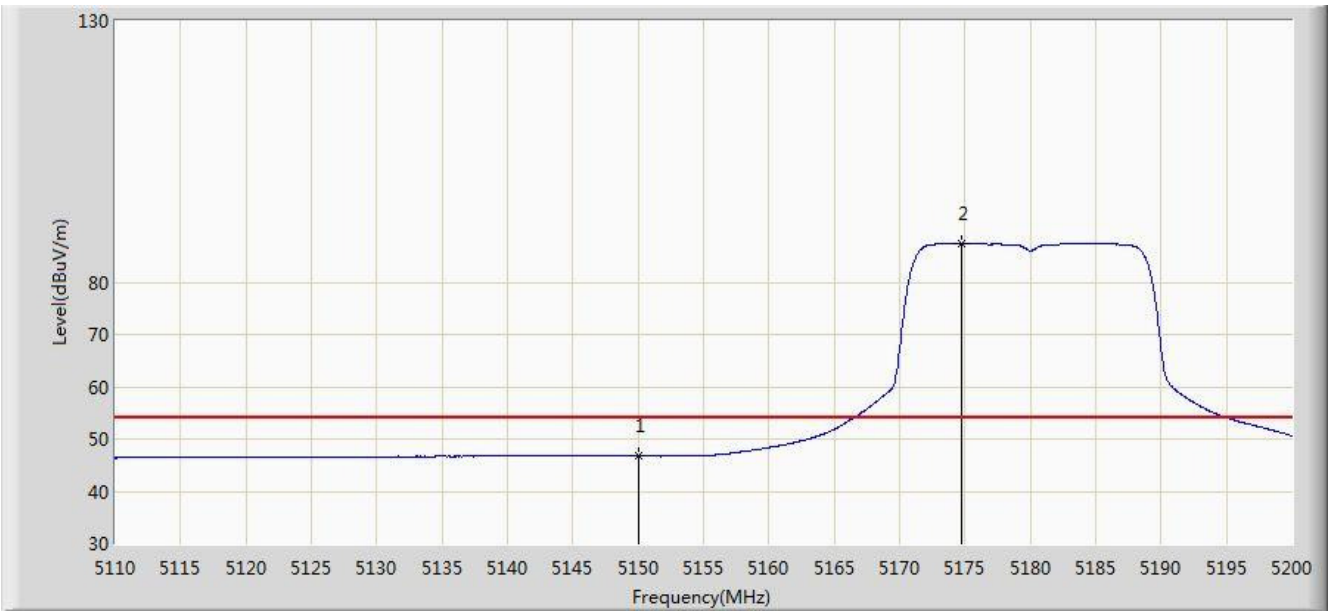


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5144.425	60.475	57.166	-13.525	74.000	3.310	PK
2			5150.000	58.005	54.696	-15.995	74.000	3.309	PK
3		*	5178.220	100.563	97.289	N/A	N/A	3.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 11:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 1	

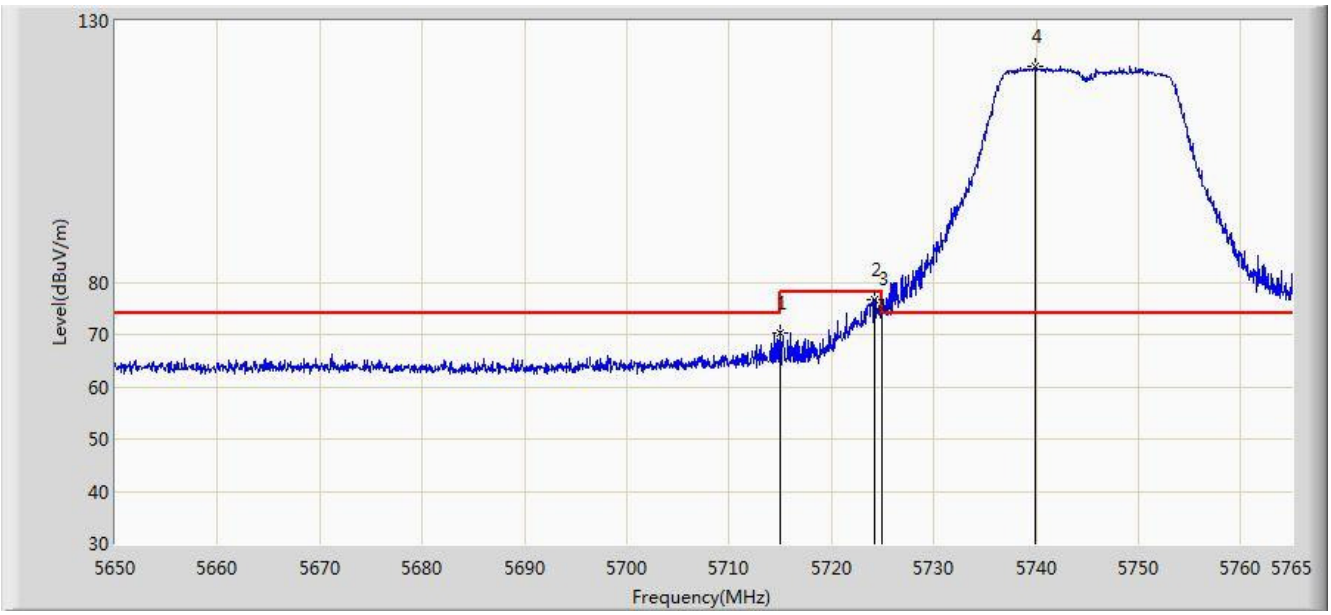


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.670	43.361	-7.330	54.000	3.309	AV
2		*	5174.755	87.387	84.110	N/A	N/A	3.277	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

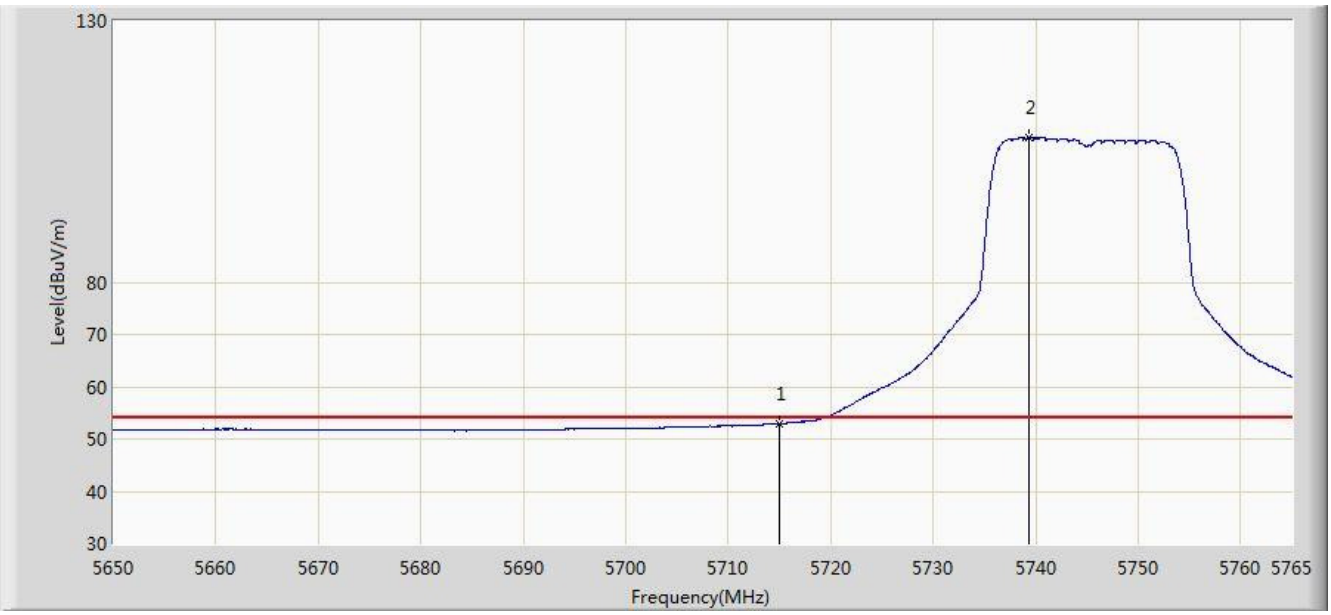


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	70.303	66.542	-3.697	74.000	3.761	PK
2			5724.232	76.713	72.925	-1.487	78.200	3.789	PK
3			5725.000	74.797	71.006	-3.403	78.200	3.791	PK
4		*	5739.987	121.343	117.506	N/A	N/A	3.837	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

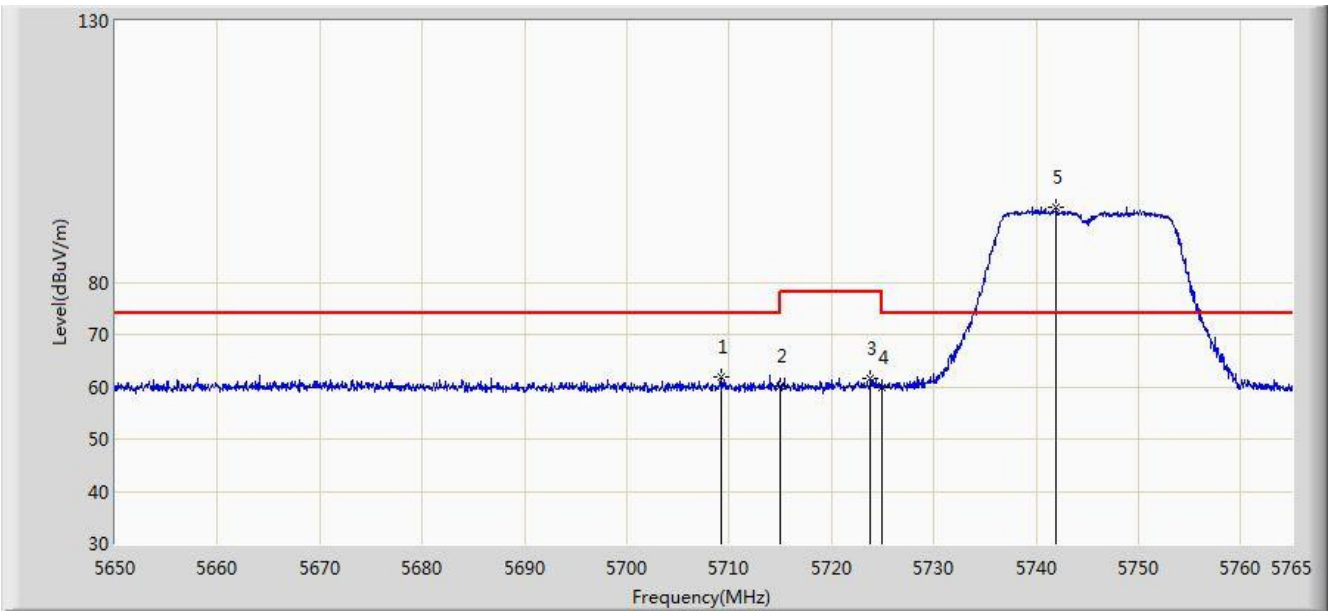


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.887	49.126	-1.113	54.000	3.761	AV
2		*	5739.355	107.604	103.769	N/A	N/A	3.836	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

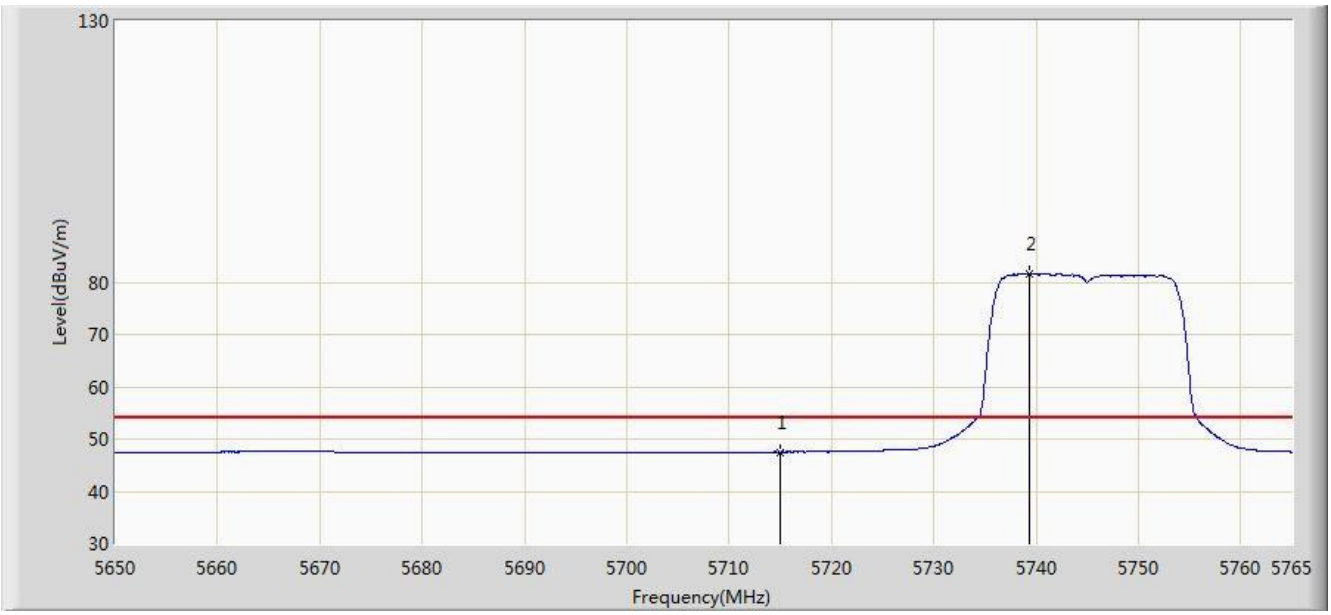


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5709.225	61.842	58.098	-12.158	74.000	3.744	PK
2			5715.000	60.016	56.255	-13.984	74.000	3.761	PK
3			5723.830	61.504	57.717	-16.696	78.200	3.786	PK
4			5725.000	59.758	55.967	-18.442	78.200	3.791	PK
5		*	5742.000	94.470	90.628	N/A	N/A	3.843	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:18
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 1	

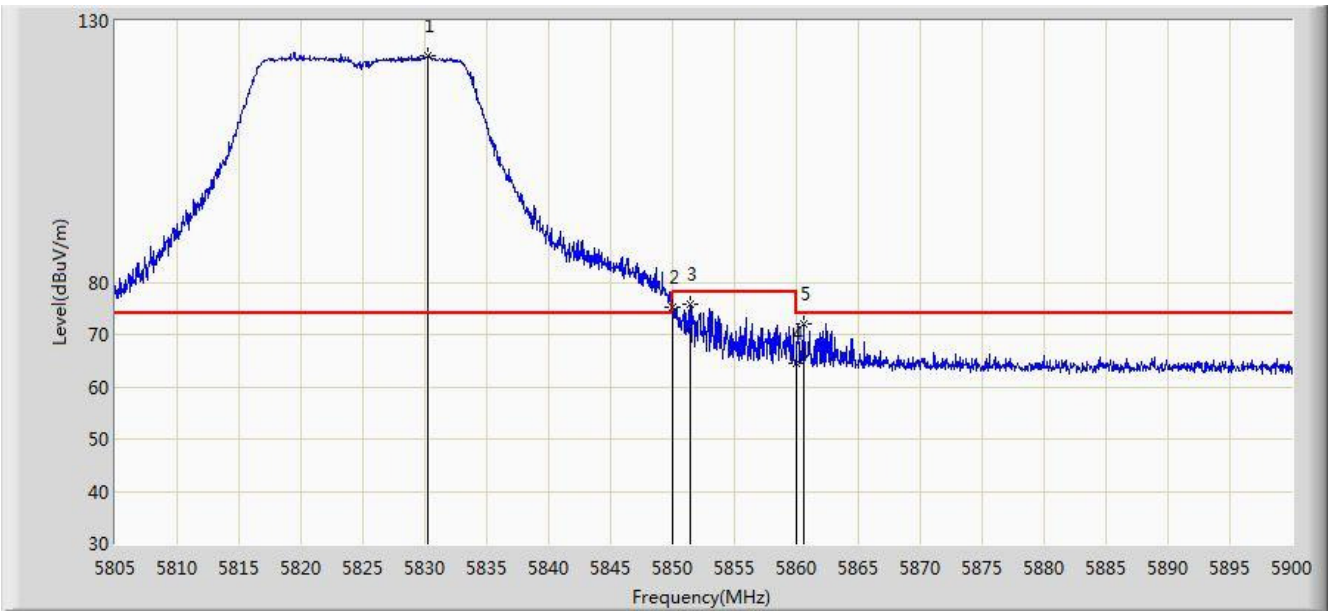


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.496	43.735	-6.504	54.000	3.761	AV
2		*	5739.355	81.584	77.749	N/A	N/A	3.836	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

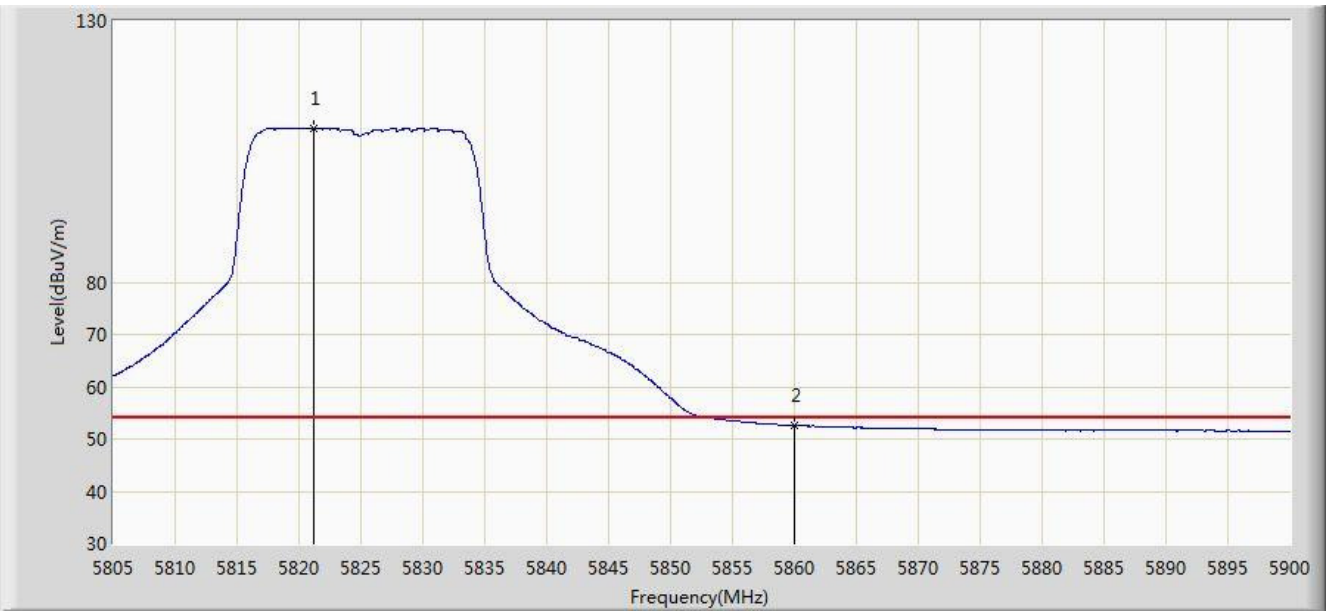


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.223	123.334	119.316	N/A	N/A	4.018	PK
2			5850.000	75.111	71.054	-3.089	78.200	4.058	PK
3			5851.408	75.759	71.701	-2.441	78.200	4.058	PK
4			5860.000	64.560	60.497	-9.440	74.000	4.064	PK
5			5860.623	72.158	68.094	-1.842	74.000	4.064	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:28
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

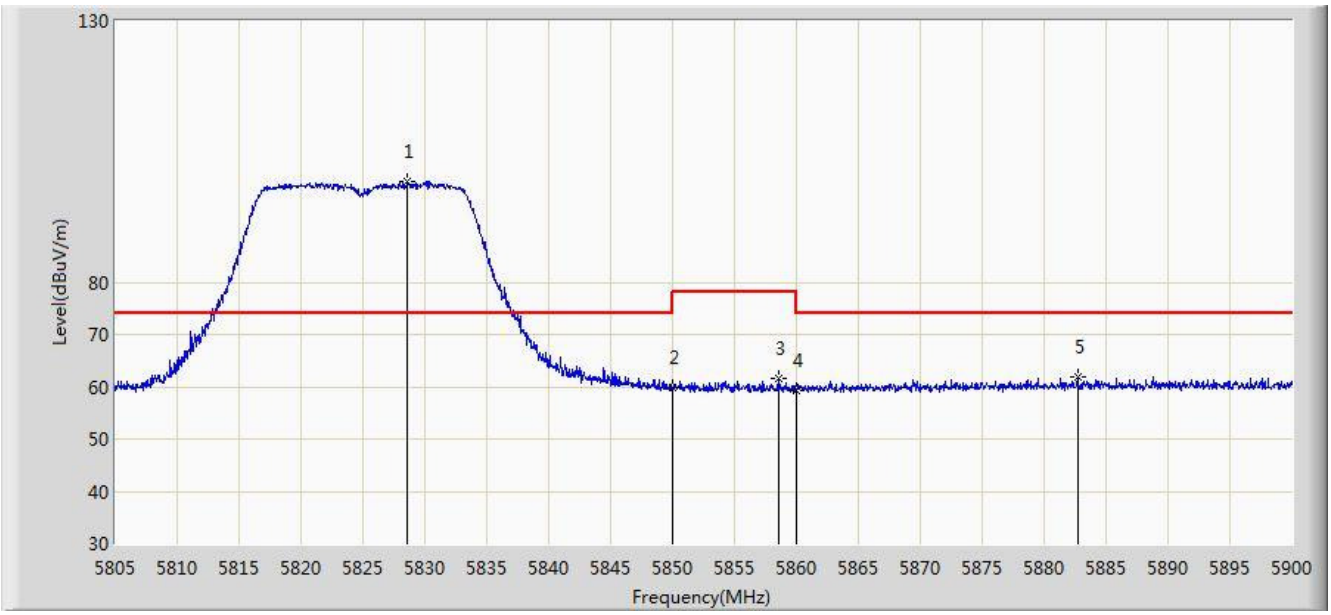


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5821.197	109.387	105.390	N/A	N/A	3.997	AV
2			5860.000	52.552	48.489	-1.448	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

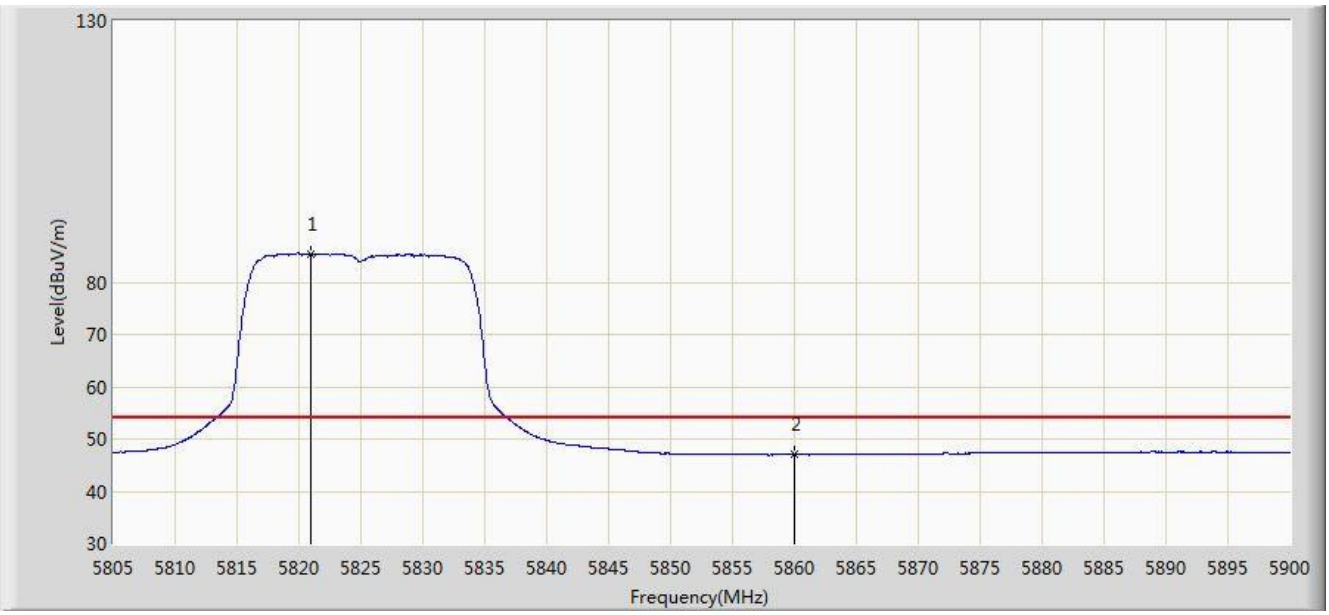


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5828.607	99.139	95.125	N/A	N/A	4.014	PK
2			5850.000	59.749	55.692	-18.451	78.200	4.058	PK
3			5858.627	61.601	57.538	-16.599	78.200	4.063	PK
4			5860.000	59.415	55.352	-14.585	74.000	4.064	PK
5			5882.710	61.850	57.722	-12.150	74.000	4.129	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz Ant 1	

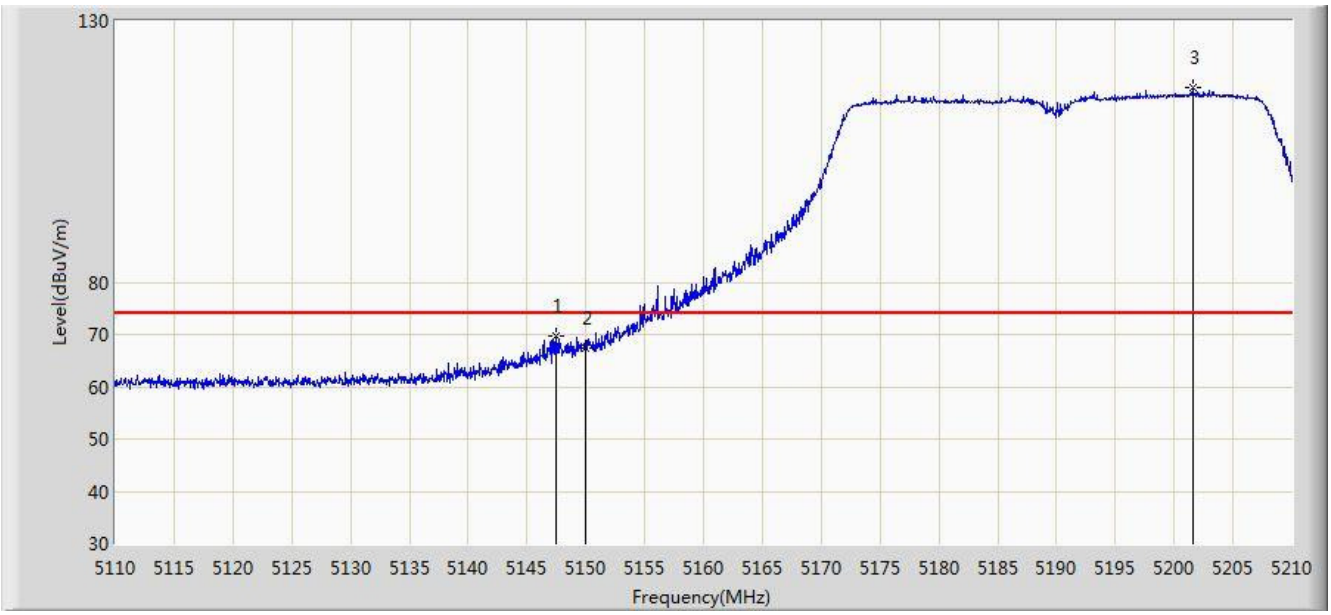


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.913	85.491	81.495	N/A	N/A	3.996	AV
2			5860.000	46.999	42.936	-7.001	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

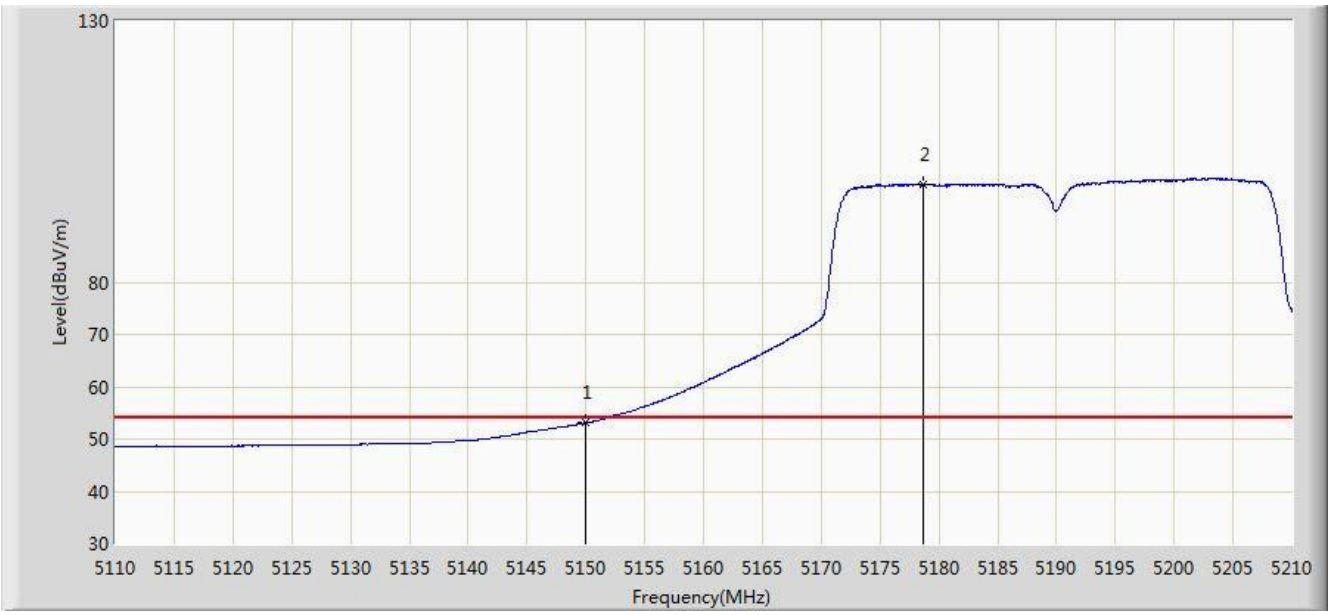


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.500	69.840	66.531	-4.160	74.000	3.308	PK
2			5150.000	67.469	64.160	-6.531	74.000	3.309	PK
3		*	5201.550	117.338	114.093	N/A	N/A	3.245	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

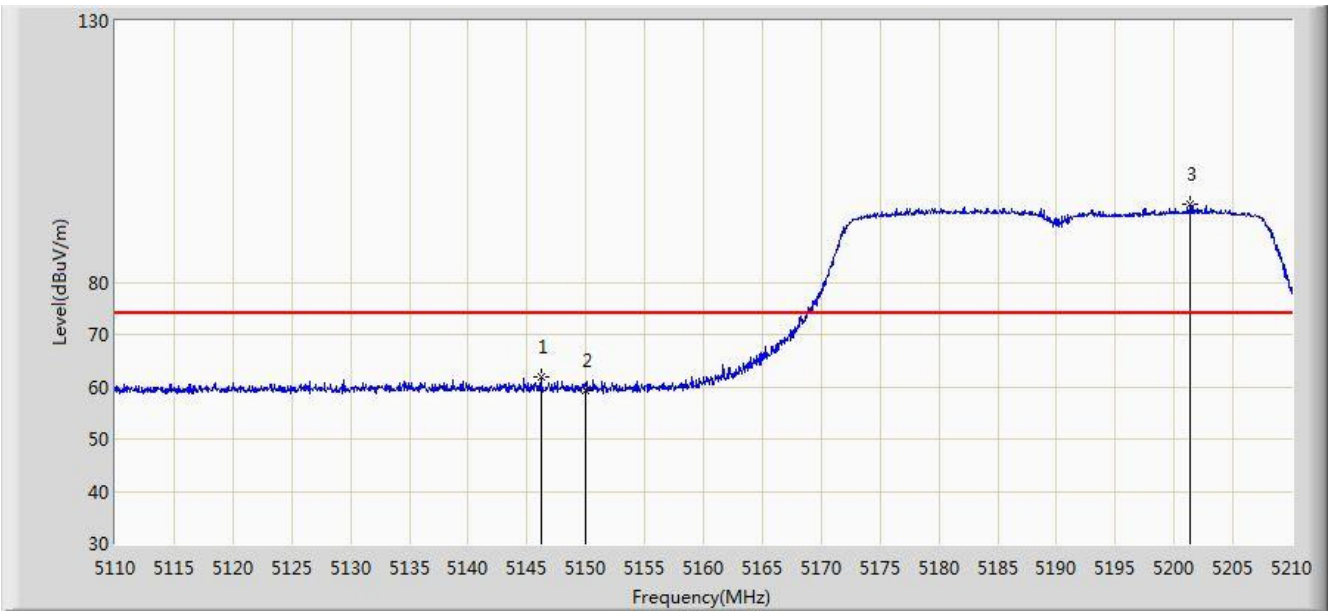


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.123	49.814	-0.877	54.000	3.309	AV
2		*	5178.700	98.817	95.543	N/A	N/A	3.274	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

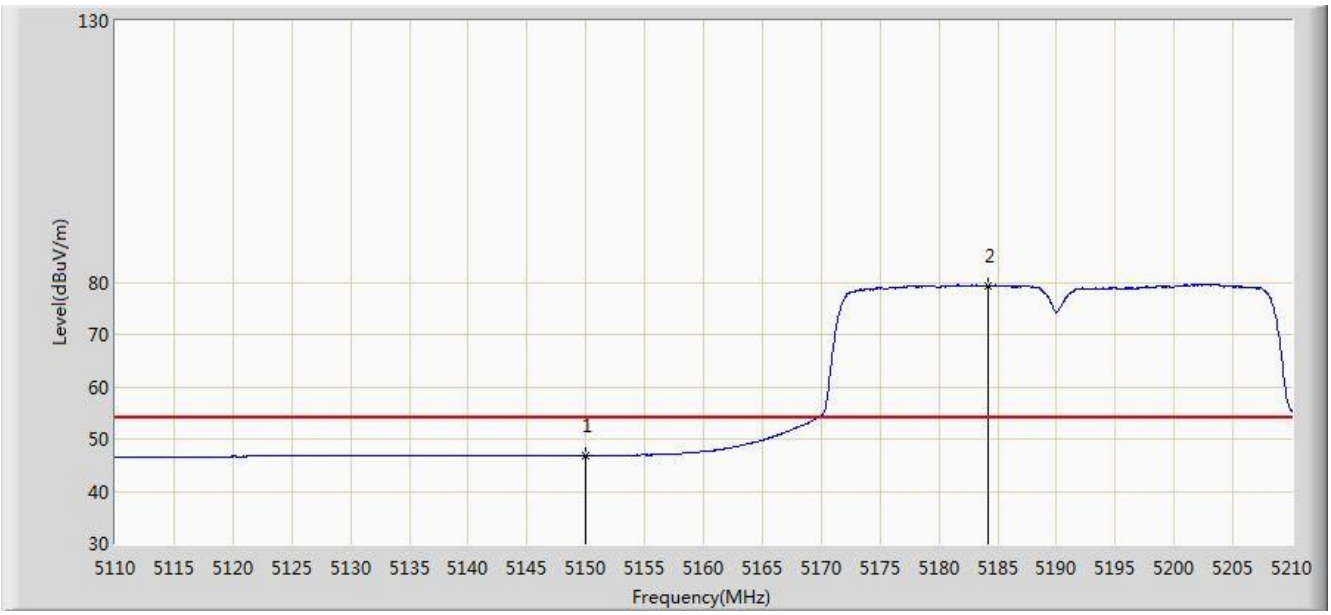


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.200	61.964	58.655	-12.036	74.000	3.308	PK
2			5150.000	59.267	55.958	-14.733	74.000	3.309	PK
3		*	5201.400	94.861	91.616	N/A	N/A	3.245	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz Ant 1	

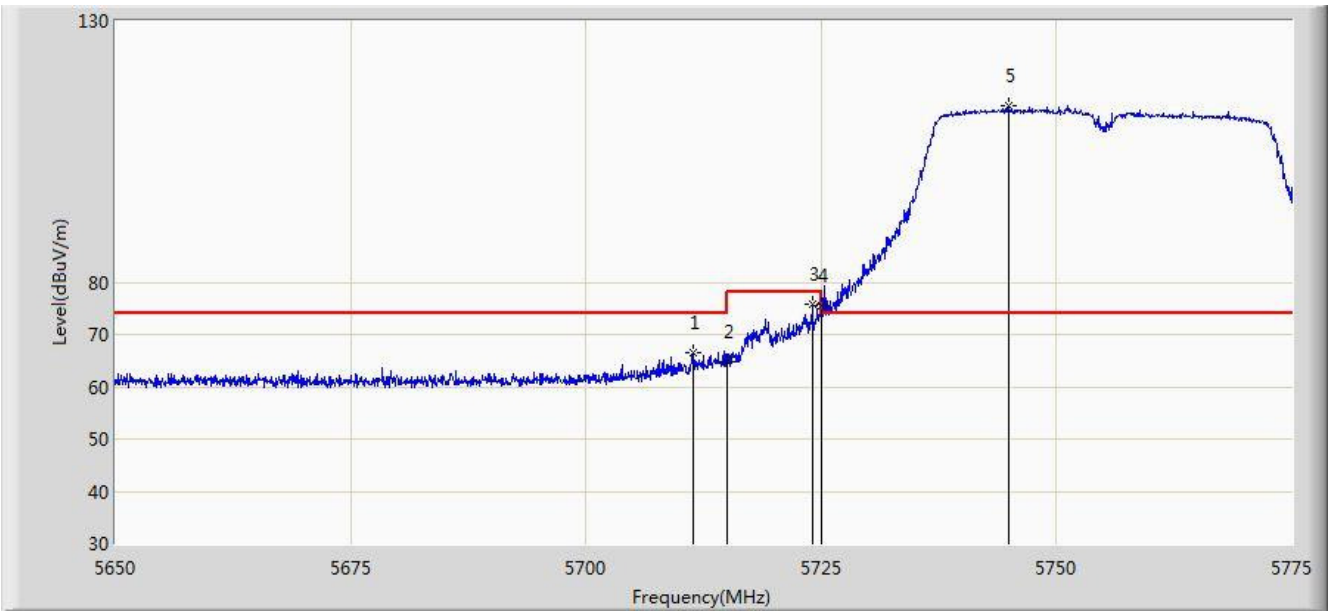


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.890	43.581	-7.110	54.000	3.309	AV
2		*	5184.150	79.349	76.081	N/A	N/A	3.269	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

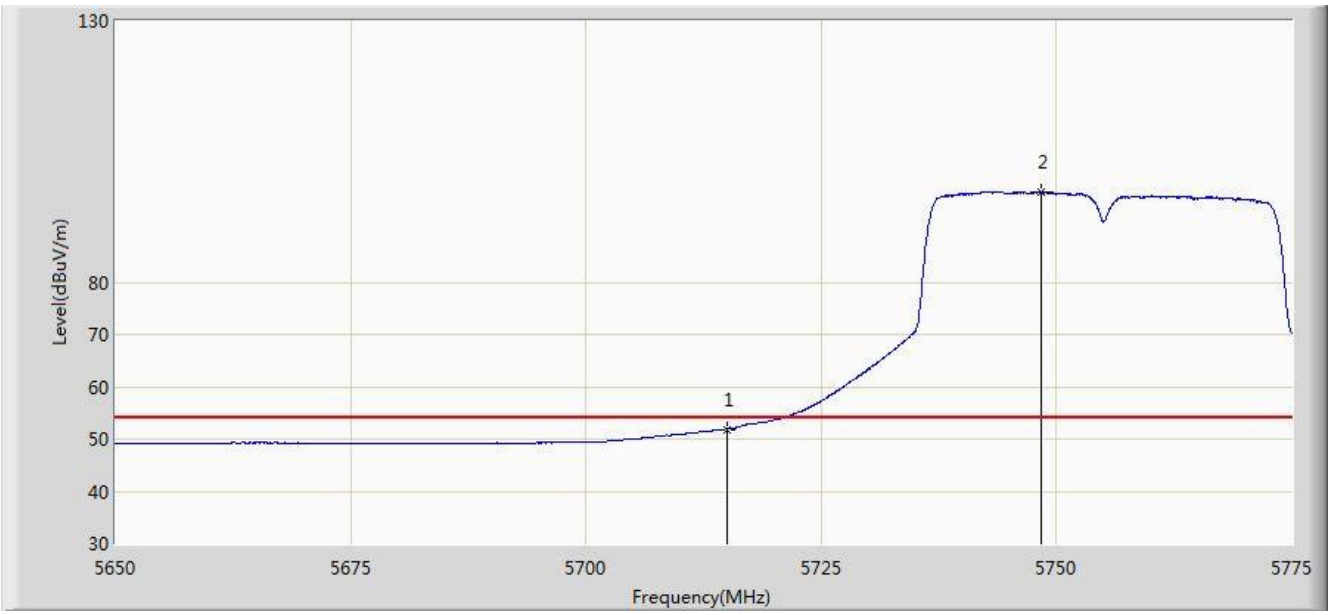


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5711.375	66.538	62.788	-7.462	74.000	3.750	PK
2			5715.000	64.738	60.977	-9.262	74.000	3.761	PK
3			5724.062	75.761	71.973	-2.439	78.200	3.788	PK
4			5725.000	75.633	71.842	-2.567	78.200	3.791	PK
5		*	5745.000	113.756	109.903	N/A	N/A	3.853	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

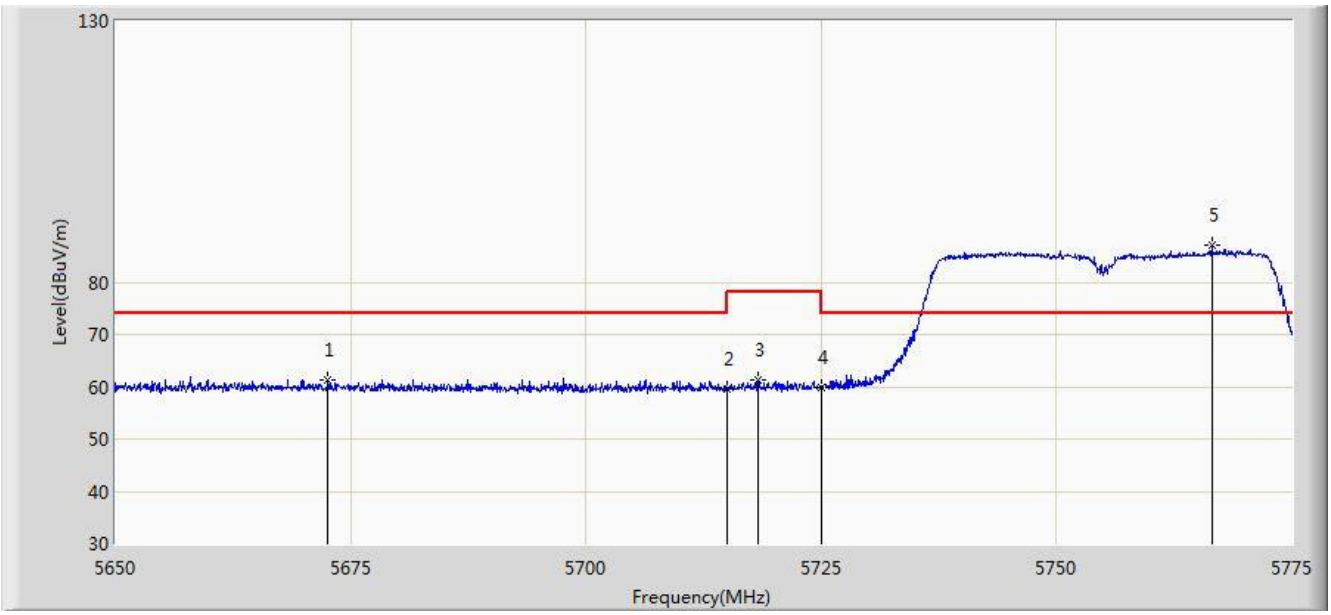


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	51.875	48.114	-2.125	54.000	3.761	AV
2		*	5748.312	97.259	93.394	N/A	N/A	3.865	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

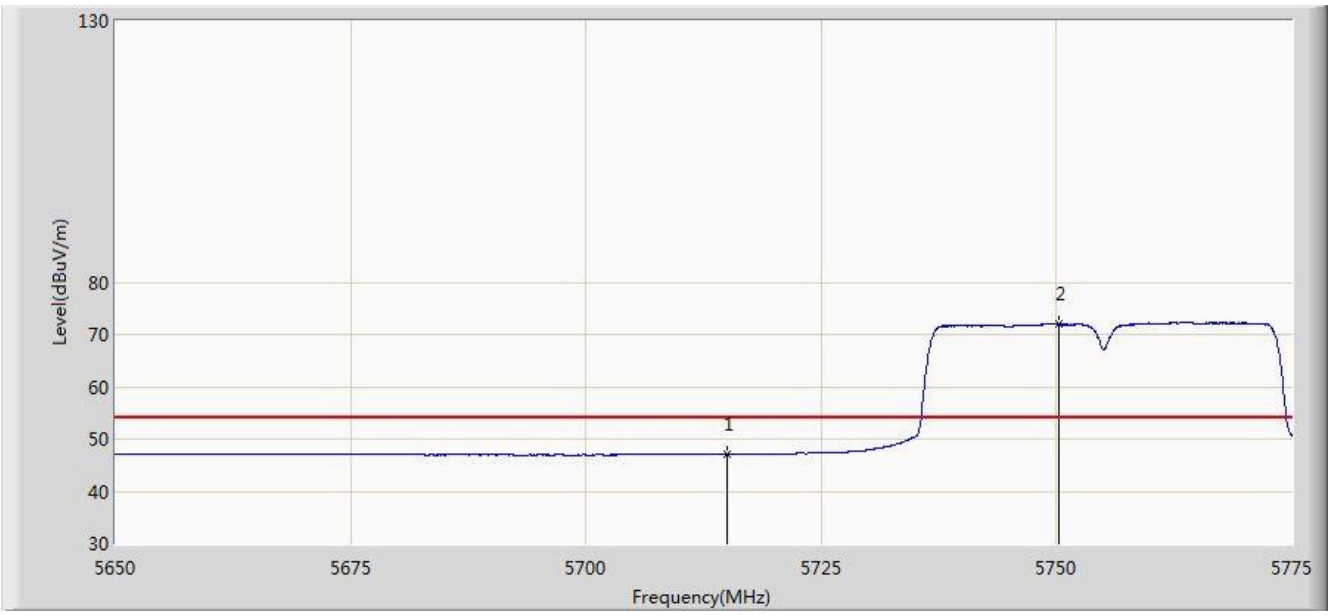


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5672.625	61.361	57.696	-12.639	74.000	3.665	PK
2			5715.000	59.486	55.725	-14.514	74.000	3.761	PK
3			5718.250	61.230	57.460	-16.970	78.200	3.770	PK
4			5725.000	59.814	56.023	-18.386	78.200	3.791	PK
5		*	5766.500	87.202	83.290	N/A	N/A	3.912	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:48
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz Ant 1	

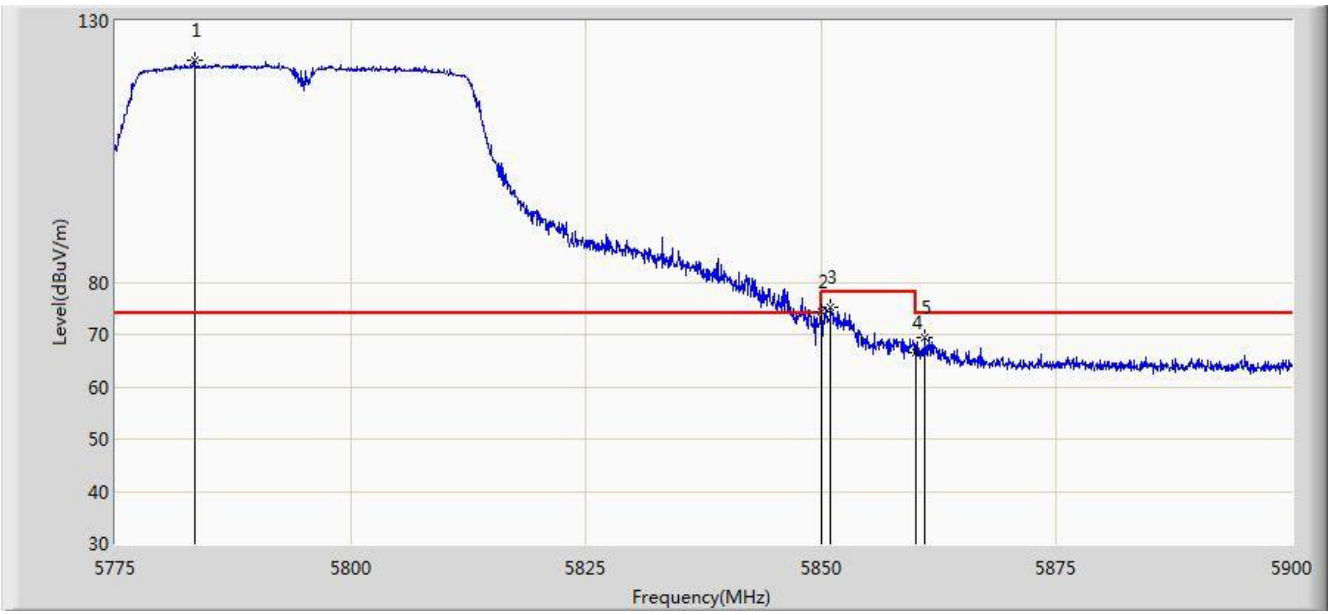


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.160	43.399	-6.840	54.000	3.761	AV
2		*	5750.250	71.998	68.126	N/A	N/A	3.872	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

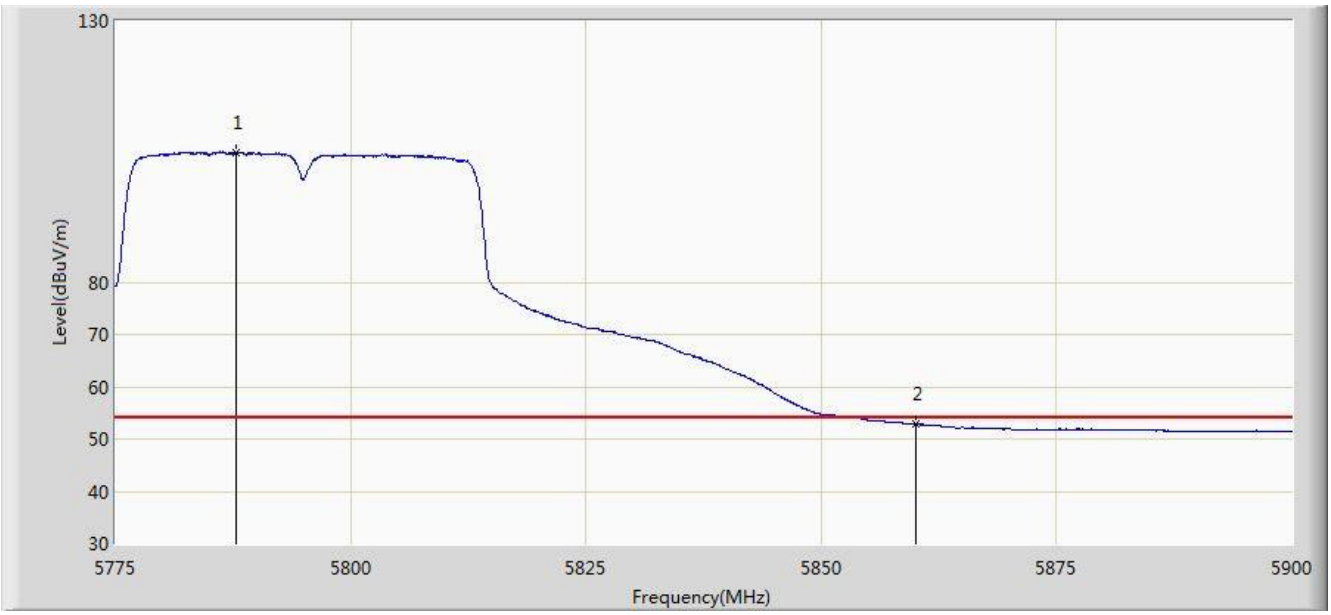


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.437	122.437	118.504	N/A	N/A	3.933	PK
2			5850.000	74.431	70.374	-3.769	78.200	4.058	PK
3			5851.000	75.330	71.272	-2.870	78.200	4.057	PK
4			5860.000	66.441	62.378	-7.559	74.000	4.064	PK
5			5861.000	69.413	65.349	-4.587	74.000	4.064	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

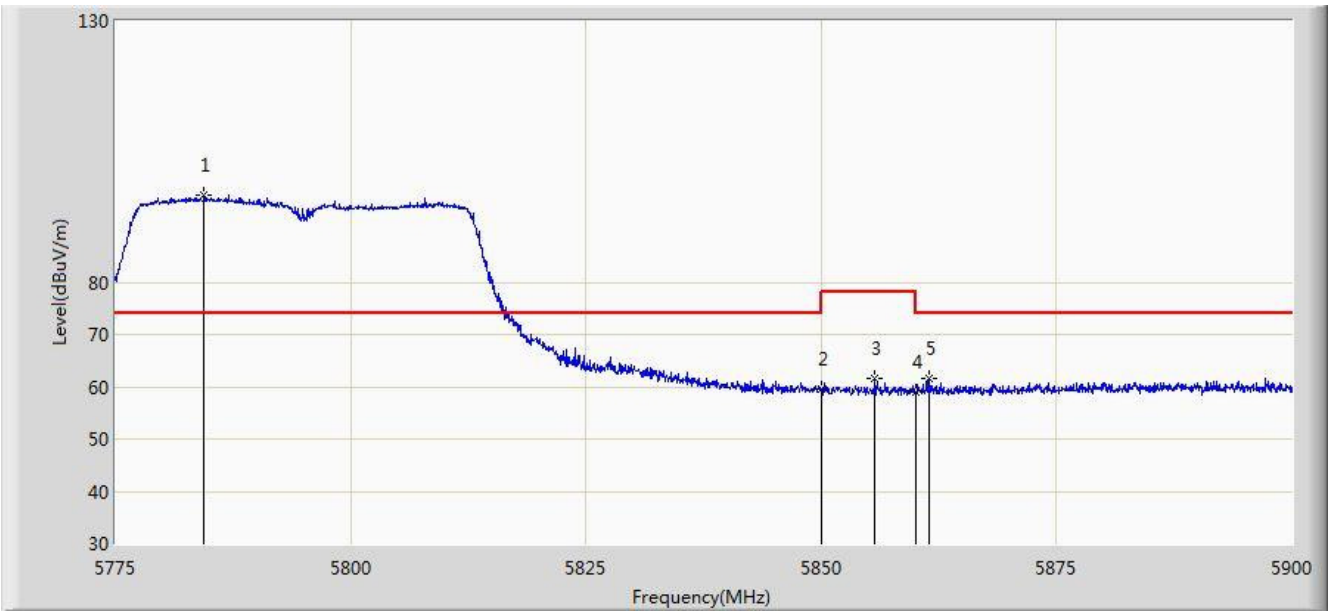


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.812	104.690	100.749	N/A	N/A	3.941	AV
2			5860.000	52.887	48.824	-1.113	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

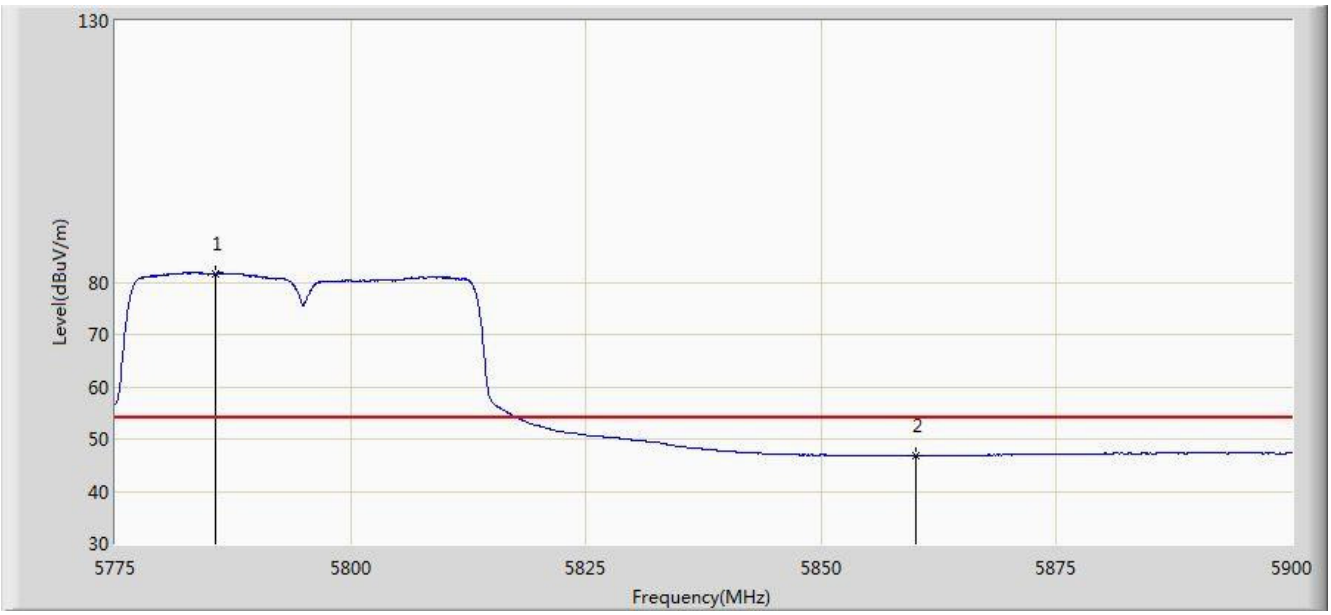


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.437	96.763	92.828	N/A	N/A	3.934	PK
2			5850.000	59.472	55.415	-18.728	78.200	4.058	PK
3			5855.687	61.619	57.558	-16.581	78.200	4.062	PK
4			5860.000	58.894	54.831	-15.106	74.000	4.064	PK
5			5861.500	61.555	57.491	-12.445	74.000	4.065	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 15:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz Ant 1	

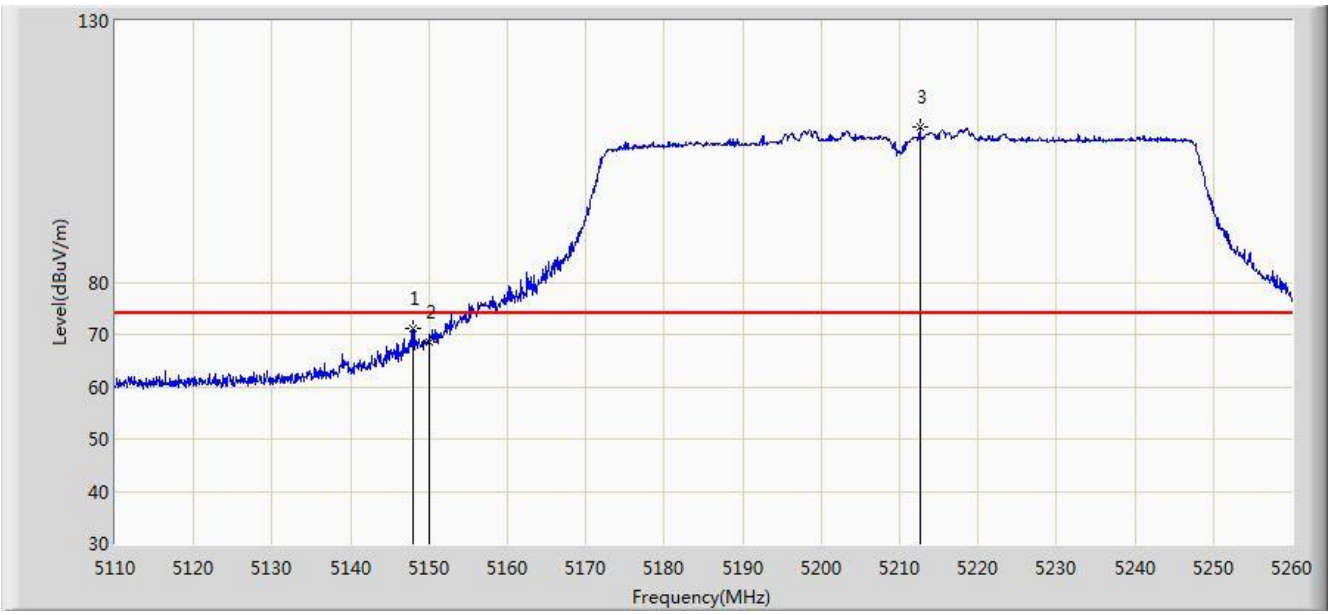


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5785.625	81.731	77.794	N/A	N/A	3.937	AV
2			5860.000	46.778	42.715	-7.222	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:07
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

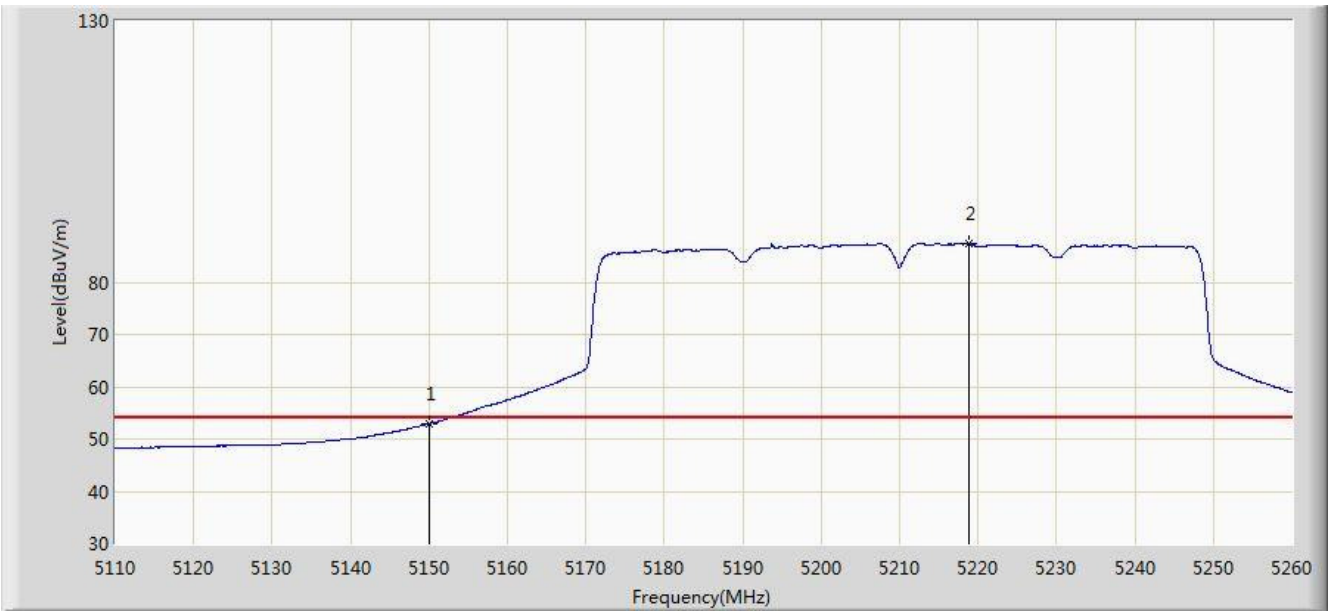


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5147.950	71.232	67.923	-2.768	74.000	3.309	PK
2			5150.000	68.553	65.244	-5.447	74.000	3.309	PK
3		*	5212.600	109.809	106.587	N/A	N/A	3.222	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

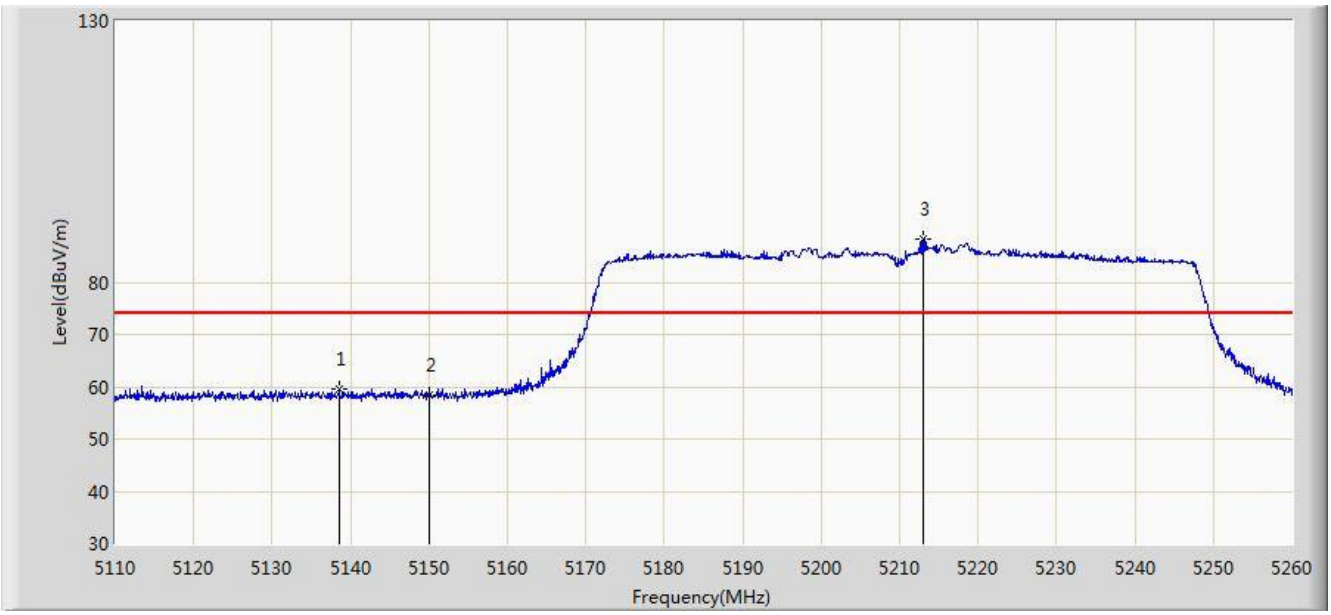


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	52.941	49.632	-1.059	54.000	3.309	AV
2		*	5218.900	87.367	84.155	N/A	N/A	3.212	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

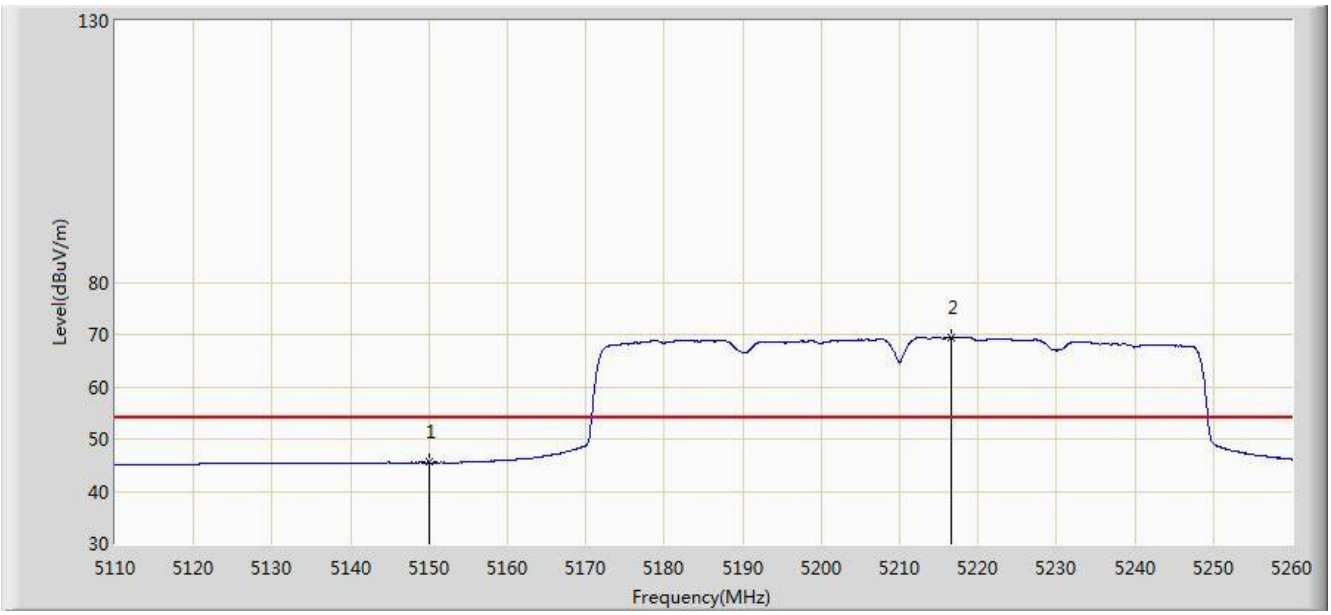


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5138.575	59.705	56.395	-14.295	74.000	3.310	PK
2			5150.000	58.335	55.026	-15.665	74.000	3.309	PK
3		*	5213.050	88.153	84.932	N/A	N/A	3.221	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz Ant 1	

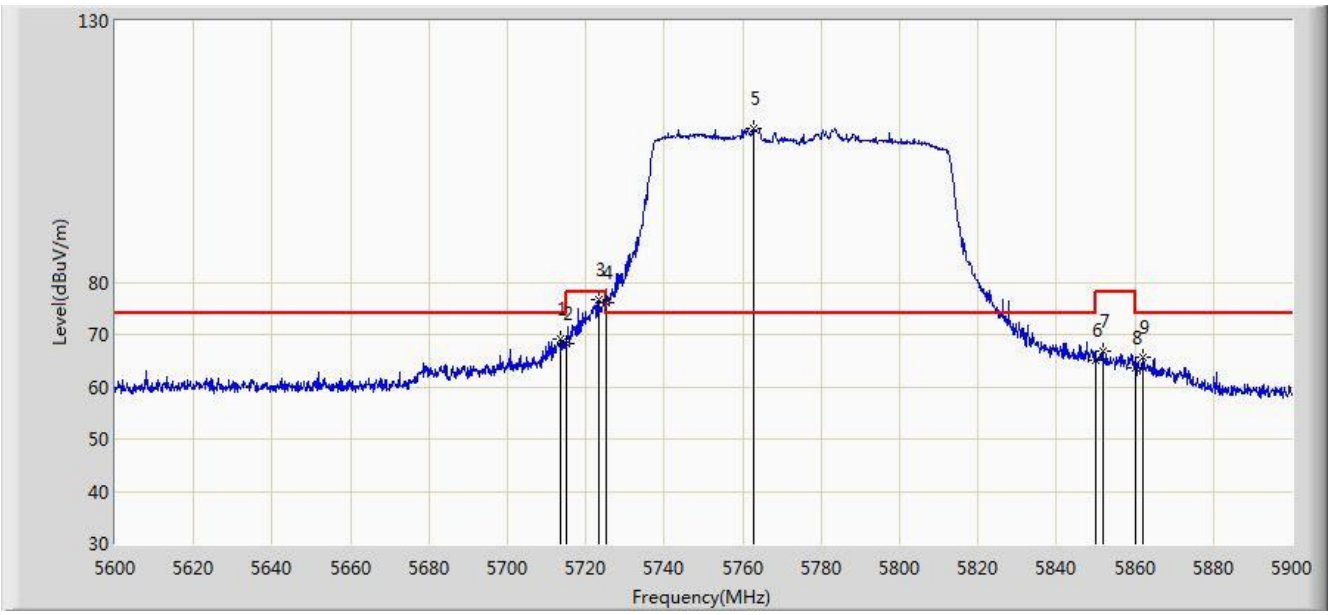


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	45.536	42.227	-8.464	54.000	3.309	AV
2		*	5216.500	69.343	66.129	N/A	N/A	3.214	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

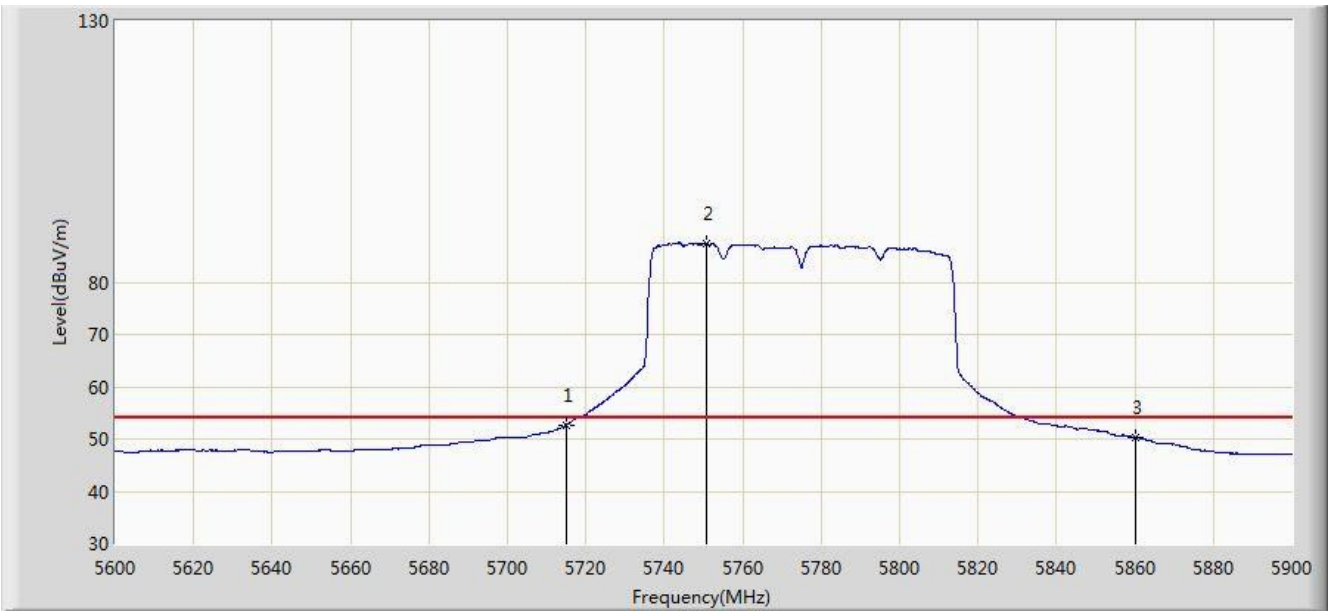


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5713.700	69.224	65.467	-4.776	74.000	3.757	PK
2			5715.000	68.133	64.372	-5.867	74.000	3.761	PK
3			5723.300	76.743	72.957	-1.457	78.200	3.785	PK
4			5725.000	76.060	72.269	-2.140	78.200	3.791	PK
5		*	5762.750	109.362	105.453	N/A	N/A	3.909	PK
6			5850.000	65.002	60.945	-13.198	78.200	4.058	PK
7			5851.850	66.821	62.763	-11.379	78.200	4.059	PK
8			5860.000	63.691	59.628	-10.309	74.000	4.064	PK
9			5862.050	65.600	61.535	-8.400	74.000	4.065	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

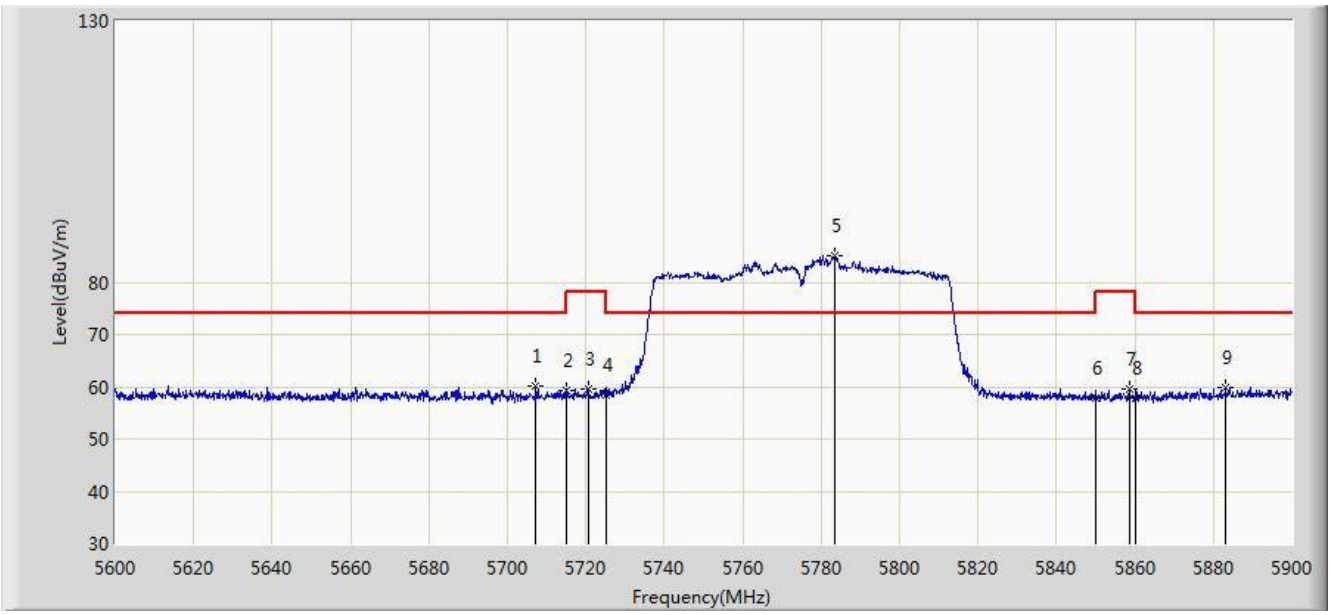


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.661	48.900	-1.339	54.000	3.761	AV
2		*	5750.750	87.319	83.445	N/A	N/A	3.874	AV
3			5860.000	50.294	46.231	-3.706	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

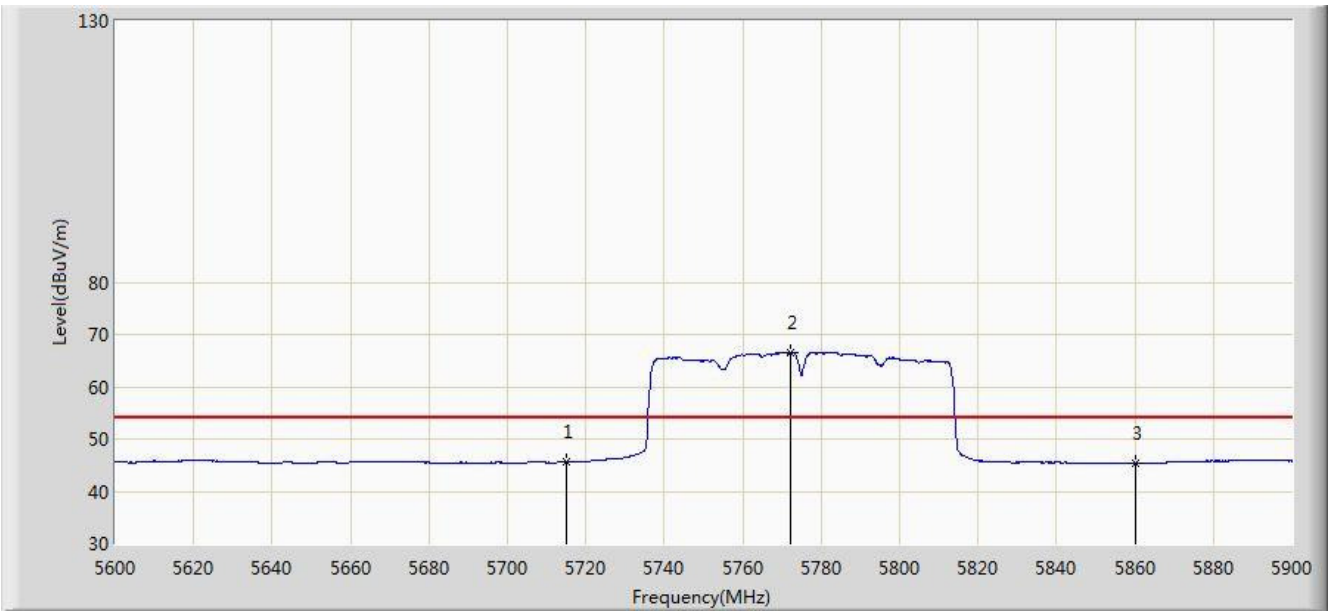


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5707.250	60.210	56.473	-13.790	74.000	3.737	PK
2			5715.000	59.180	55.419	-14.820	74.000	3.761	PK
3			5720.750	59.554	55.776	-18.646	78.200	3.779	PK
4			5725.000	58.356	54.565	-19.844	78.200	3.791	PK
5		*	5783.600	85.039	81.106	N/A	N/A	3.933	PK
6			5850.000	57.923	53.866	-20.277	78.200	4.058	PK
7			5858.600	59.682	55.620	-18.518	78.200	4.063	PK
8			5860.000	57.808	53.745	-16.192	74.000	4.064	PK
9			5883.050	59.902	55.773	-14.098	74.000	4.129	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz Ant 1	

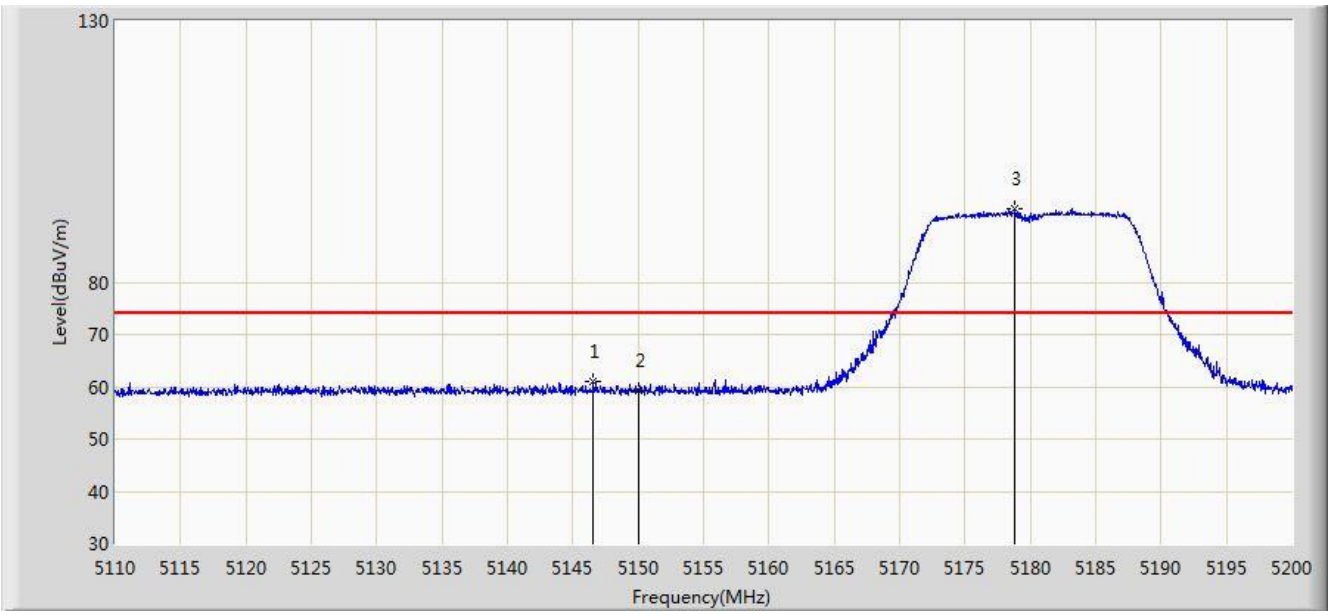


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	45.659	41.898	-8.341	54.000	3.761	AV
2		*	5772.050	66.530	62.613	N/A	N/A	3.916	AV
3			5860.000	45.380	41.317	-8.620	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

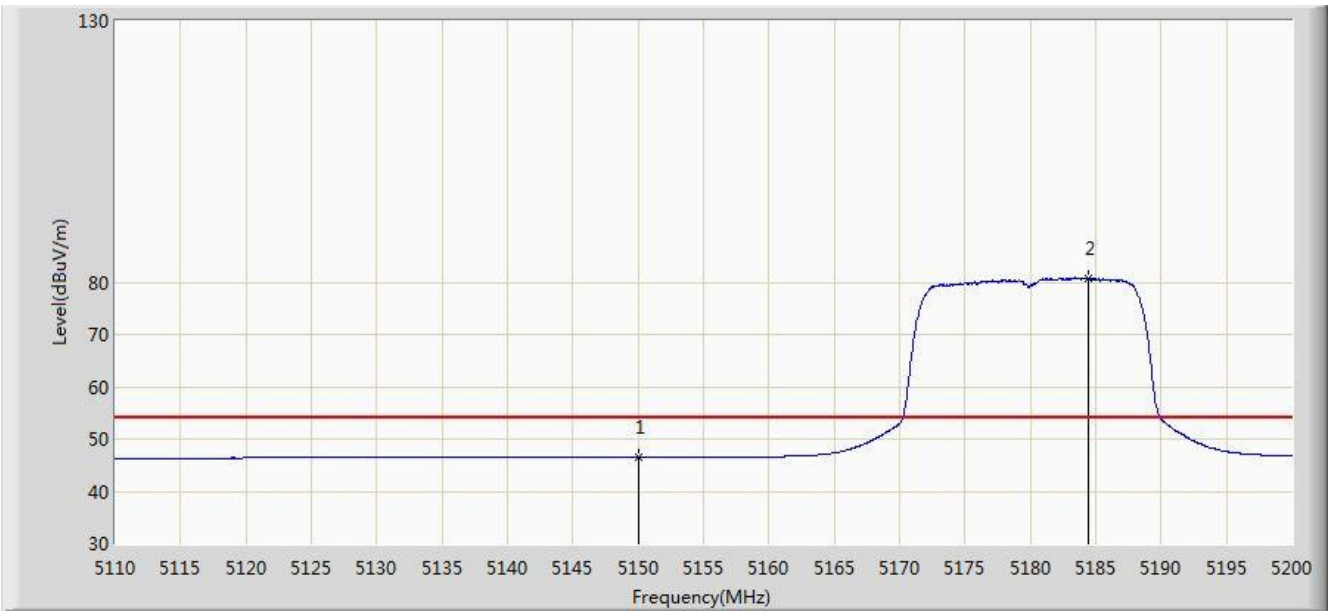


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5146.585	60.929	57.620	-13.071	74.000	3.309	PK
2			5150.000	59.347	56.038	-14.653	74.000	3.309	PK
3		*	5178.850	94.070	90.796	N/A	N/A	3.274	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

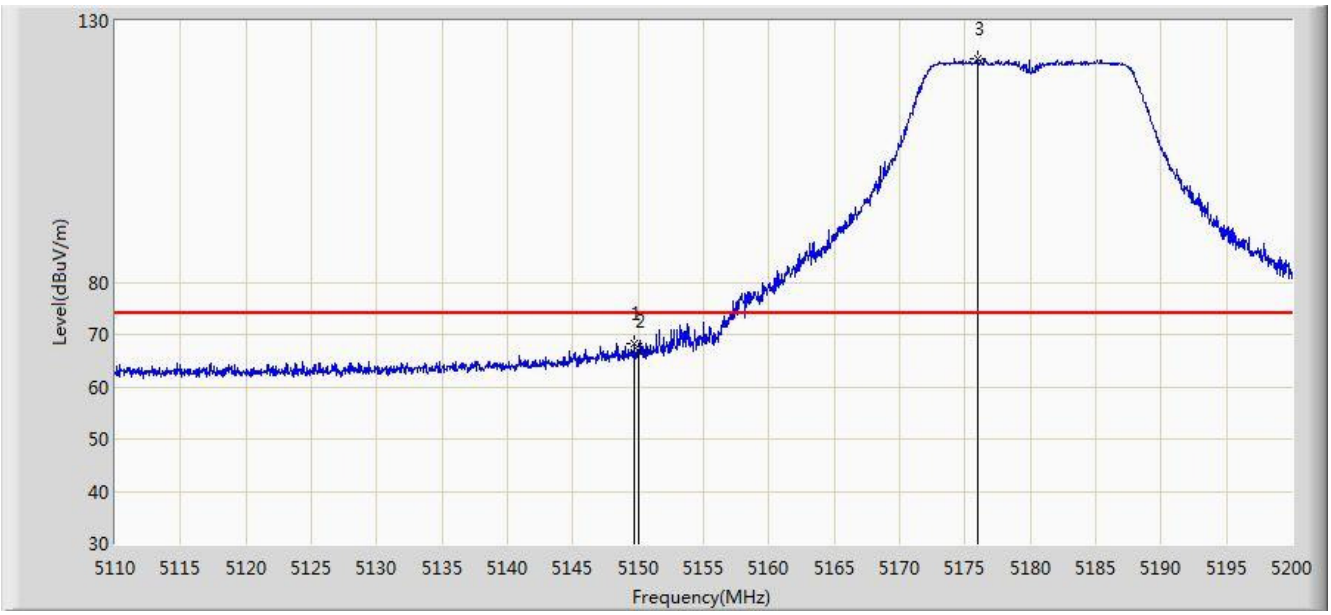


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.591	43.282	-7.409	54.000	3.309	AV
2		*	5184.475	80.791	77.523	N/A	N/A	3.268	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

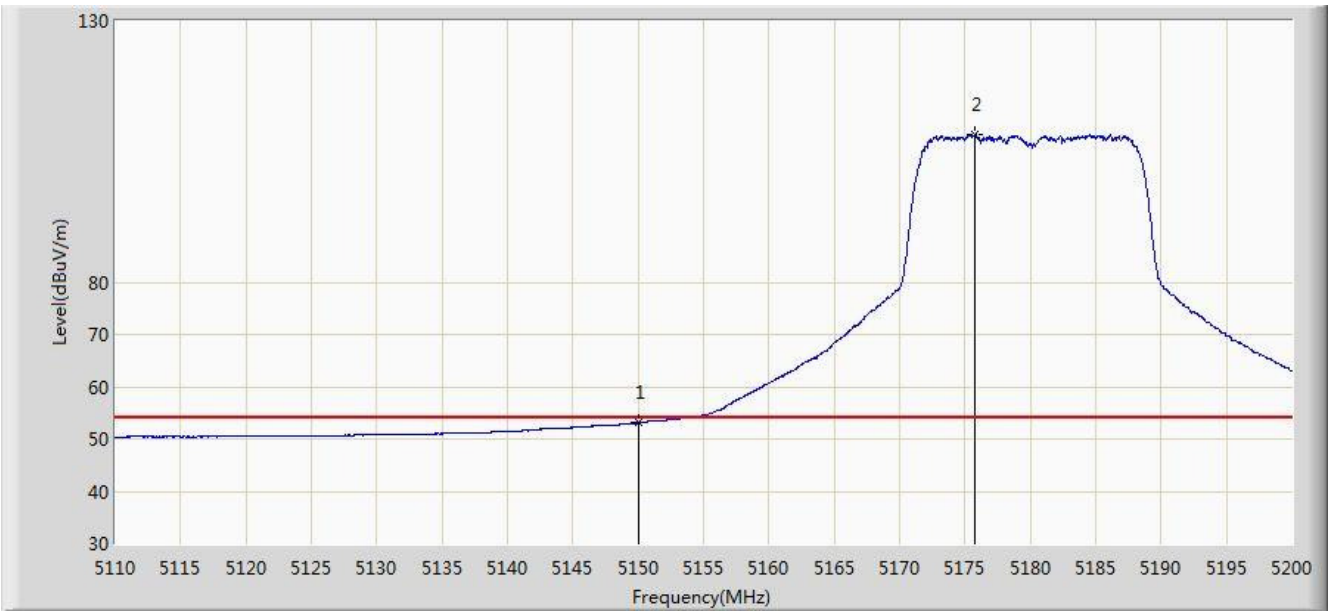


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.735	68.359	65.050	-5.641	74.000	3.308	PK
2			5150.000	66.894	63.585	-7.106	74.000	3.309	PK
3		*	5175.925	122.802	119.526	N/A	N/A	3.276	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5180MHz Ant 2	

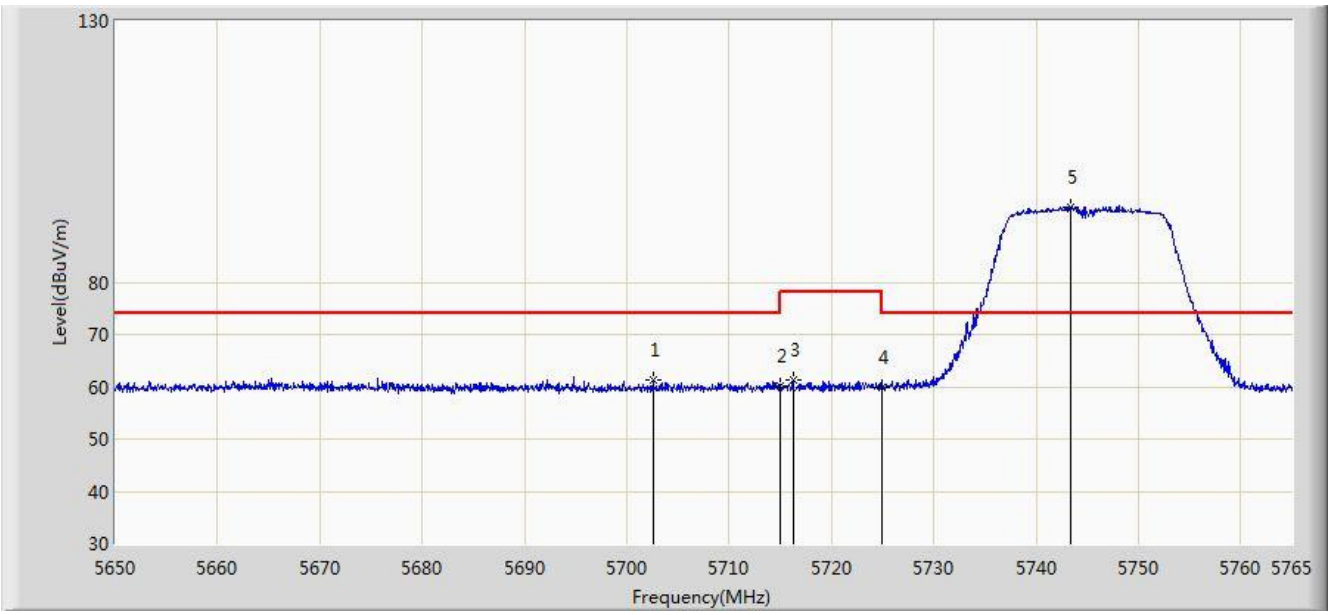


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.137	49.828	-0.863	54.000	3.309	AV
2		*	5175.790	108.183	104.906	N/A	N/A	3.277	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:47
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

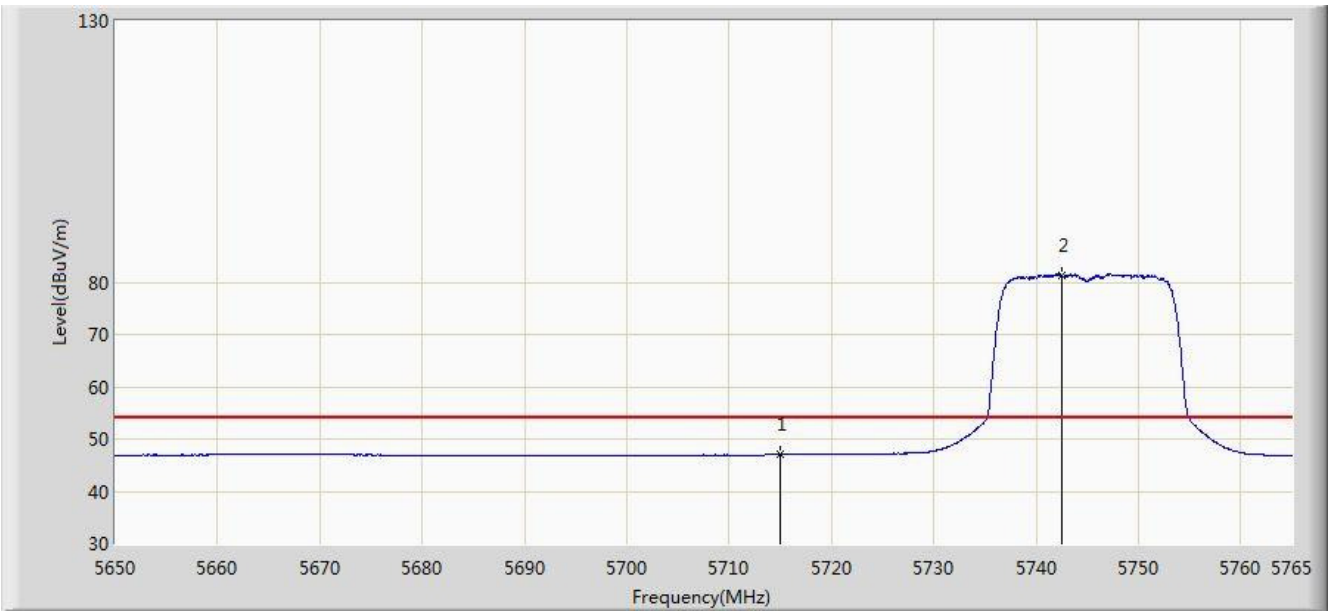


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5702.555	61.260	57.537	-12.740	74.000	3.722	PK
2			5715.000	60.266	56.505	-13.734	74.000	3.761	PK
3			5716.240	61.391	57.626	-16.809	78.200	3.764	PK
4			5725.000	59.881	56.090	-18.319	78.200	3.791	PK
5		*	5743.322	94.469	90.623	N/A	N/A	3.846	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

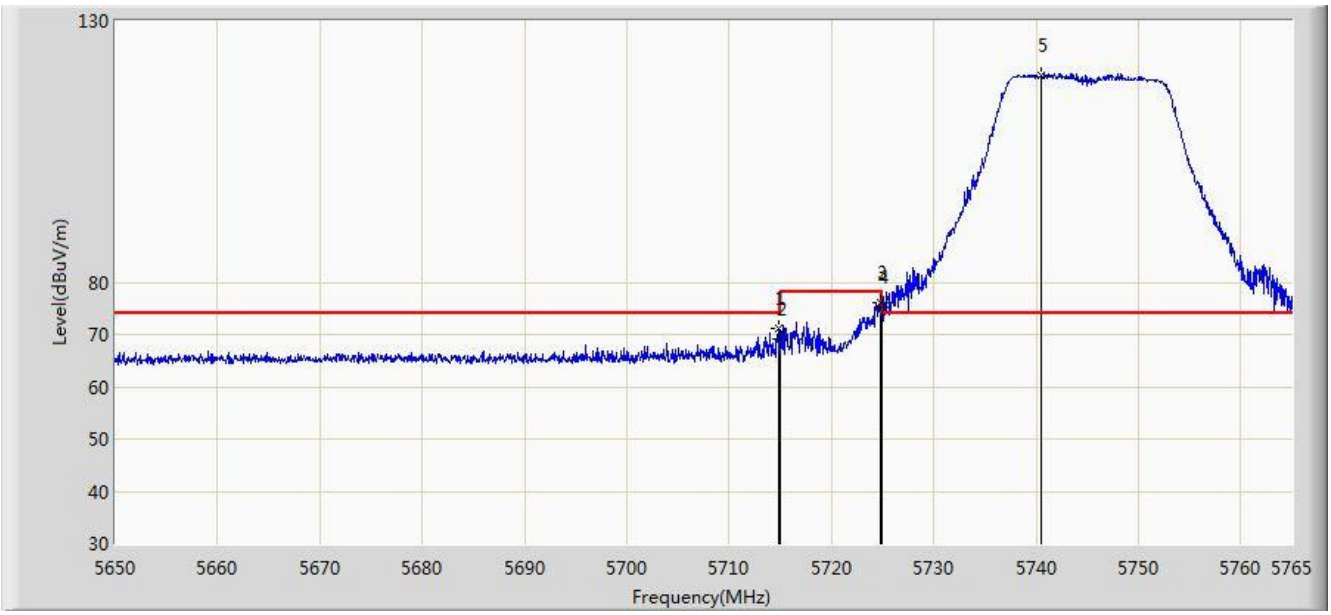


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.053	43.292	-6.947	54.000	3.761	AV
2		*	5742.518	81.418	77.574	N/A	N/A	3.844	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

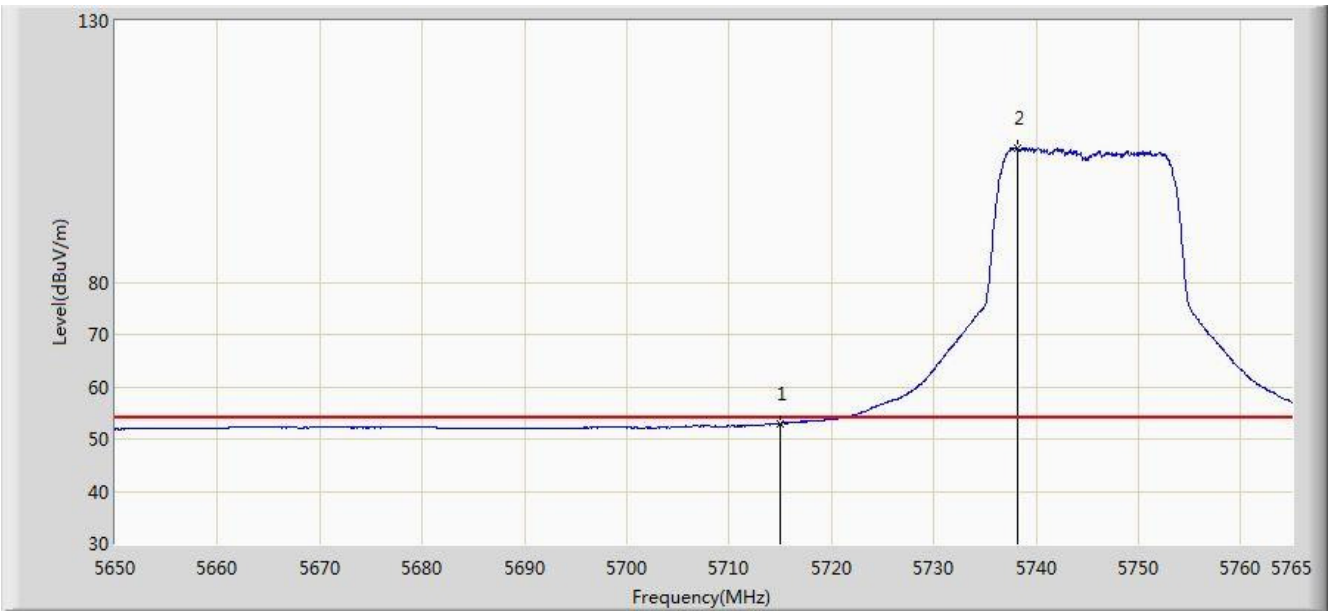


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.917	71.202	67.441	-2.798	74.000	3.760	PK
2			5715.000	69.027	65.266	-4.973	74.000	3.761	PK
3			5724.750	76.152	72.362	-2.048	78.200	3.790	PK
4			5725.000	75.298	71.507	-2.902	78.200	3.791	PK
5		*	5740.505	119.612	115.774	N/A	N/A	3.838	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5745MHz Ant 2	

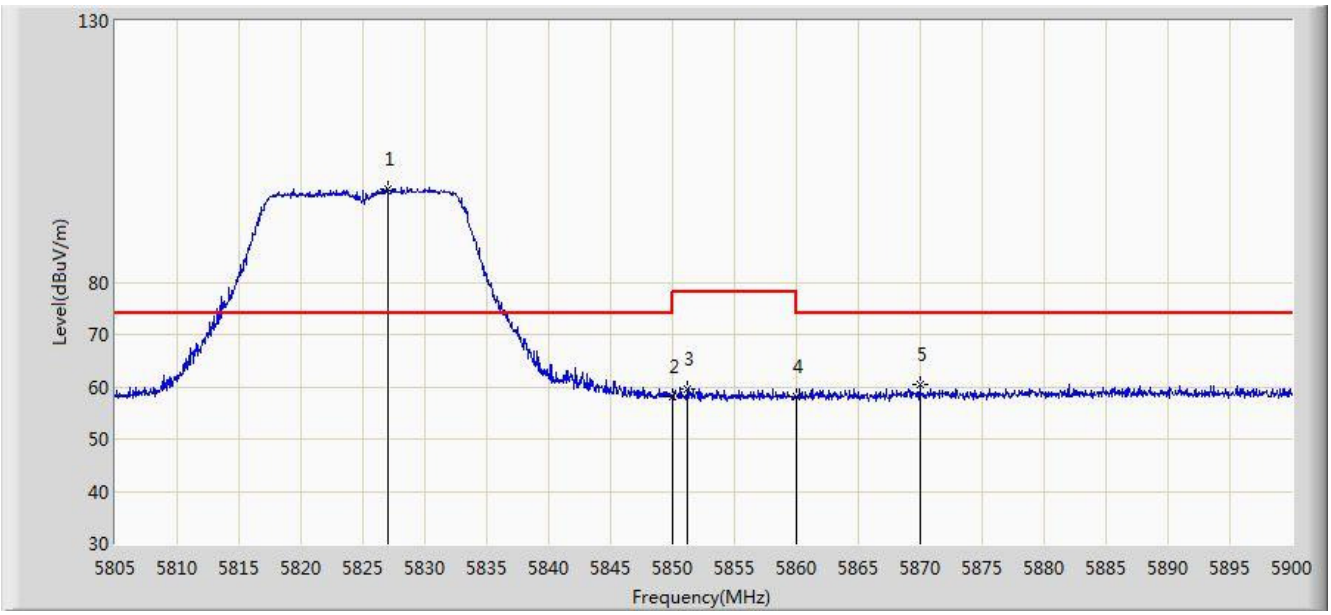


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.966	49.205	-1.034	54.000	3.761	AV
2		*	5738.147	105.689	101.857	N/A	N/A	3.832	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

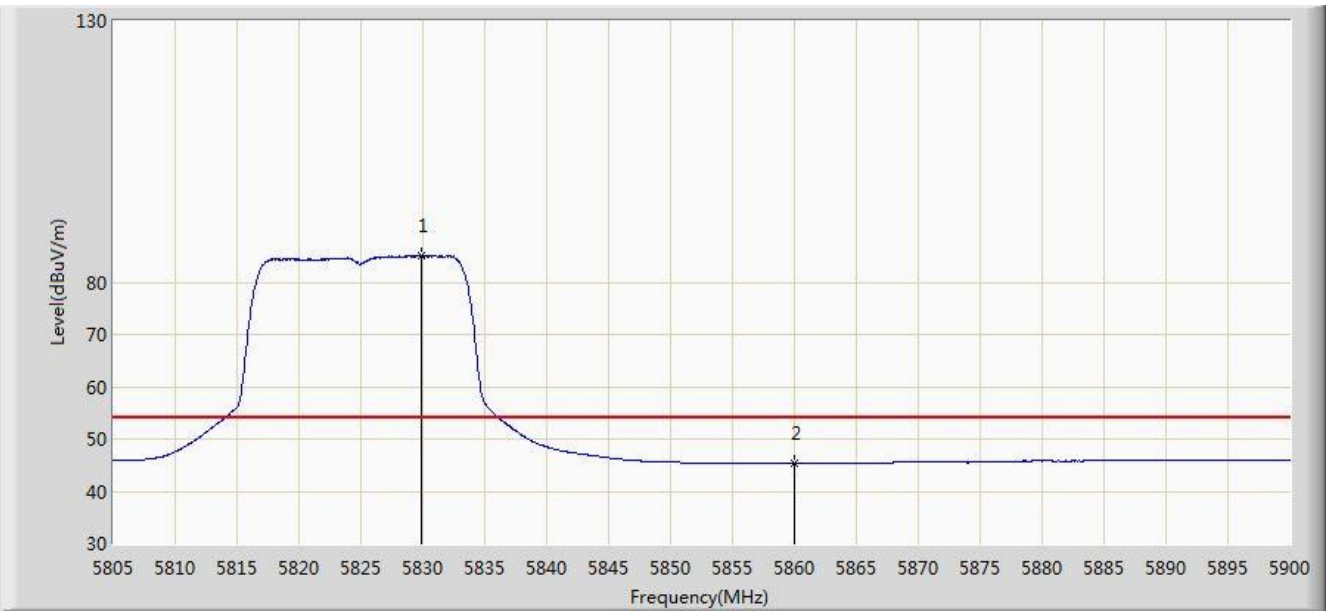


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5826.993	97.934	93.924	N/A	N/A	4.010	PK
2			5850.000	58.140	54.083	-20.060	78.200	4.058	PK
3			5851.217	59.694	55.636	-18.506	78.200	4.058	PK
4			5860.000	58.104	54.041	-15.896	74.000	4.064	PK
5			5869.980	60.323	56.234	-13.677	74.000	4.089	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

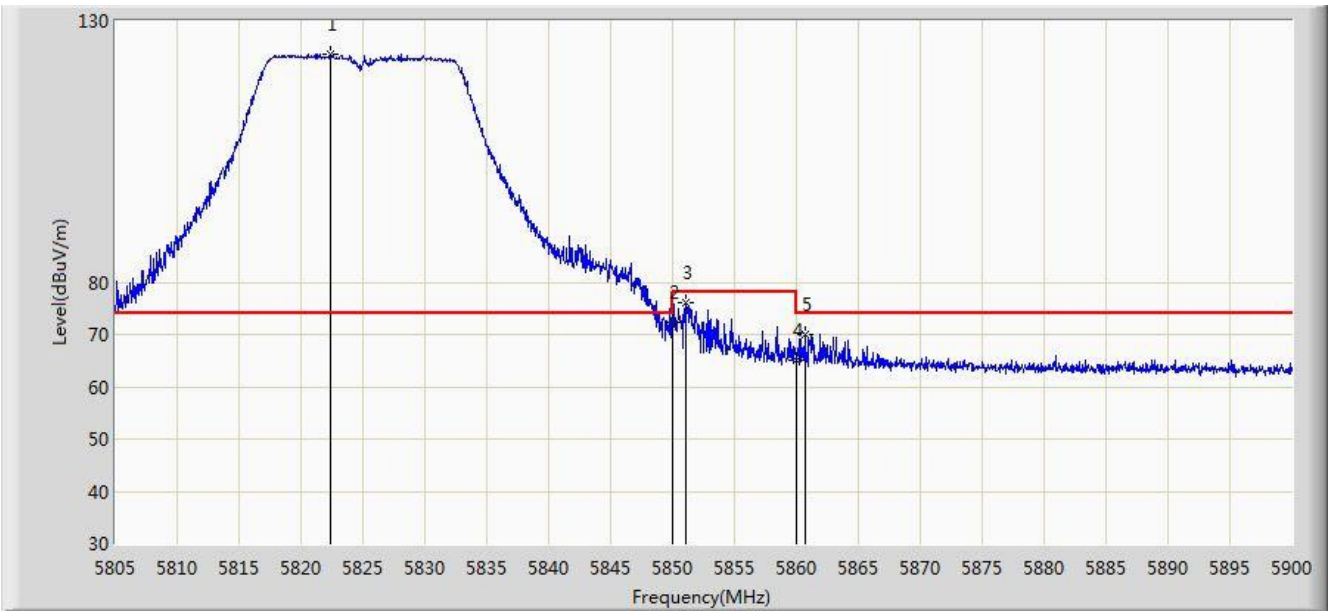


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5829.937	85.156	81.139	N/A	N/A	4.017	AV
2			5860.000	45.416	41.353	-8.584	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

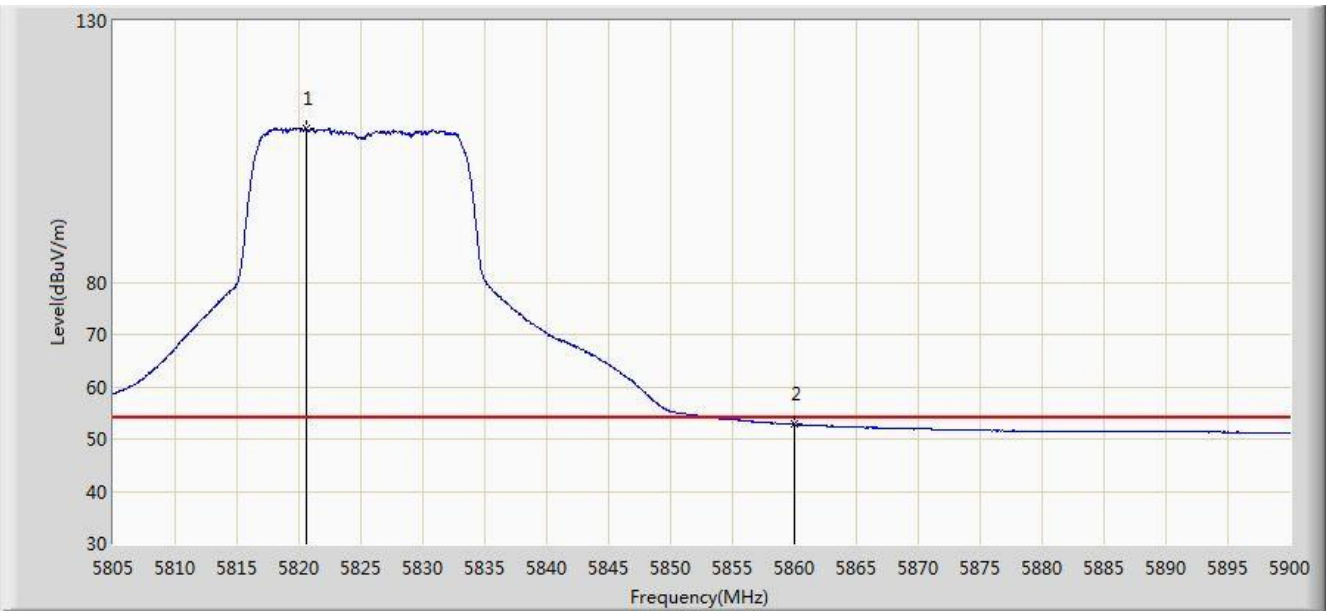


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5822.385	123.745	119.746	N/A	N/A	4.000	PK
2			5850.000	72.301	68.244	-5.899	78.200	4.058	PK
3			5851.123	75.972	71.914	-2.228	78.200	4.058	PK
4			5860.000	65.126	61.063	-8.874	74.000	4.064	PK
5			5860.717	70.081	66.017	-3.919	74.000	4.063	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 16:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz Ant 2	

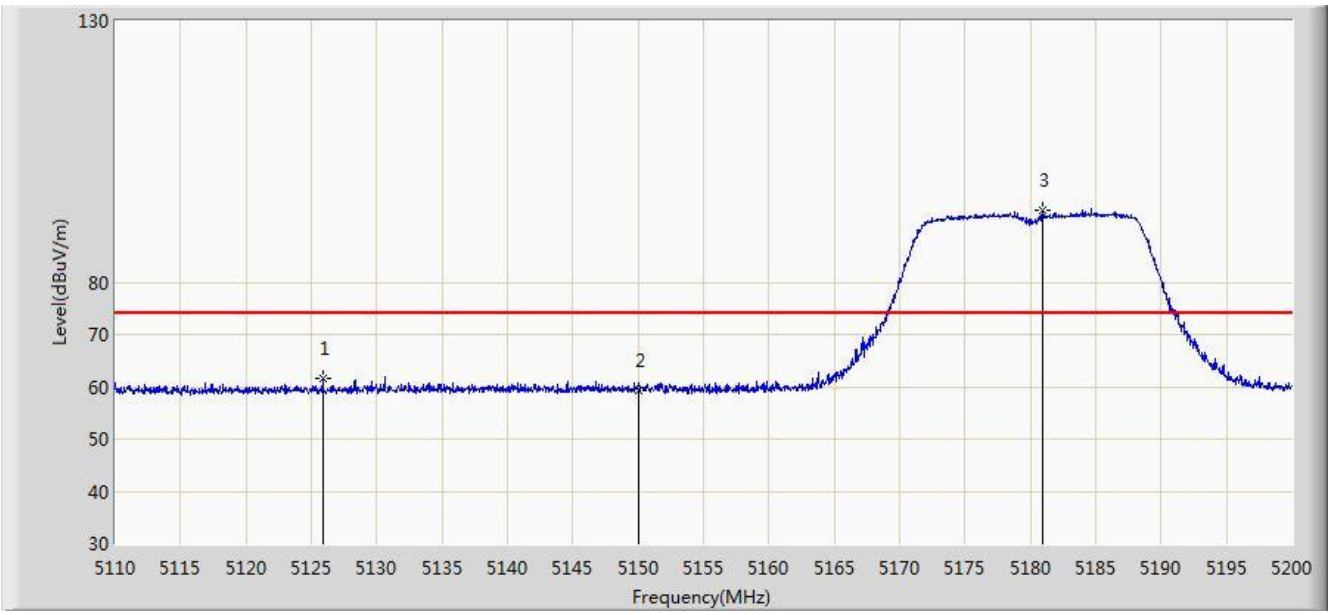


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5820.627	109.424	105.429	N/A	N/A	3.995	AV
2			5860.000	52.840	48.777	-1.160	54.000	4.064	AV

Note: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

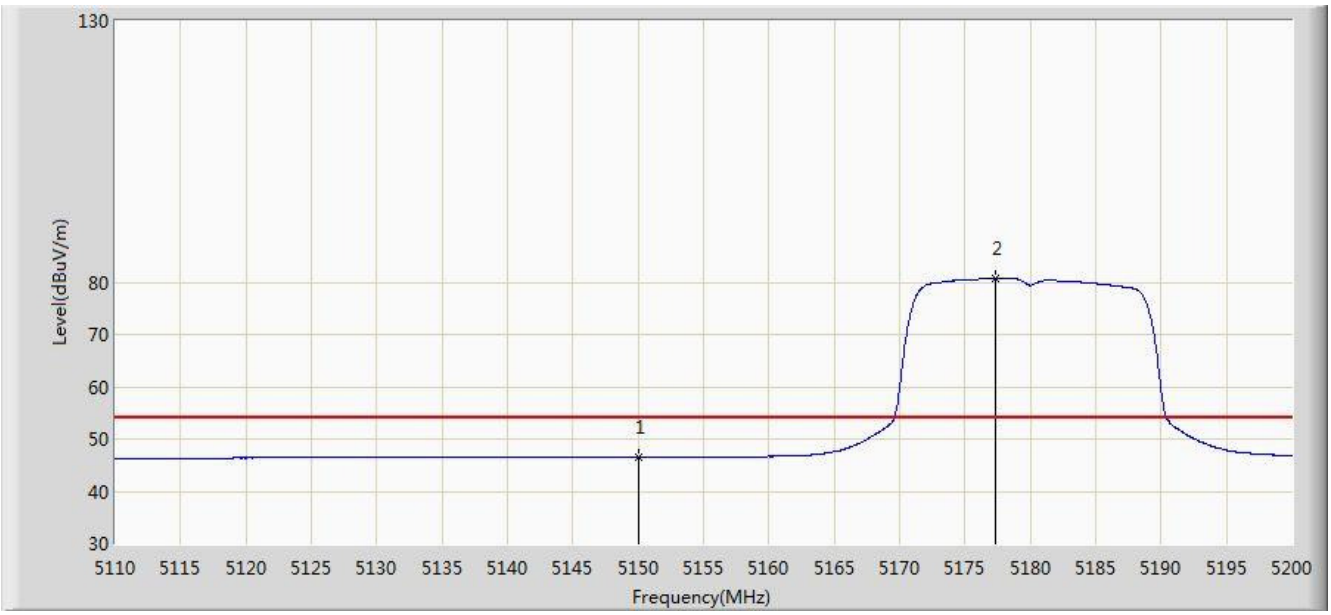


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5125.885	61.723	58.423	-12.277	74.000	3.300	PK
2			5150.000	59.399	56.090	-14.601	74.000	3.309	PK
3		*	5180.920	93.698	90.426	N/A	N/A	3.272	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

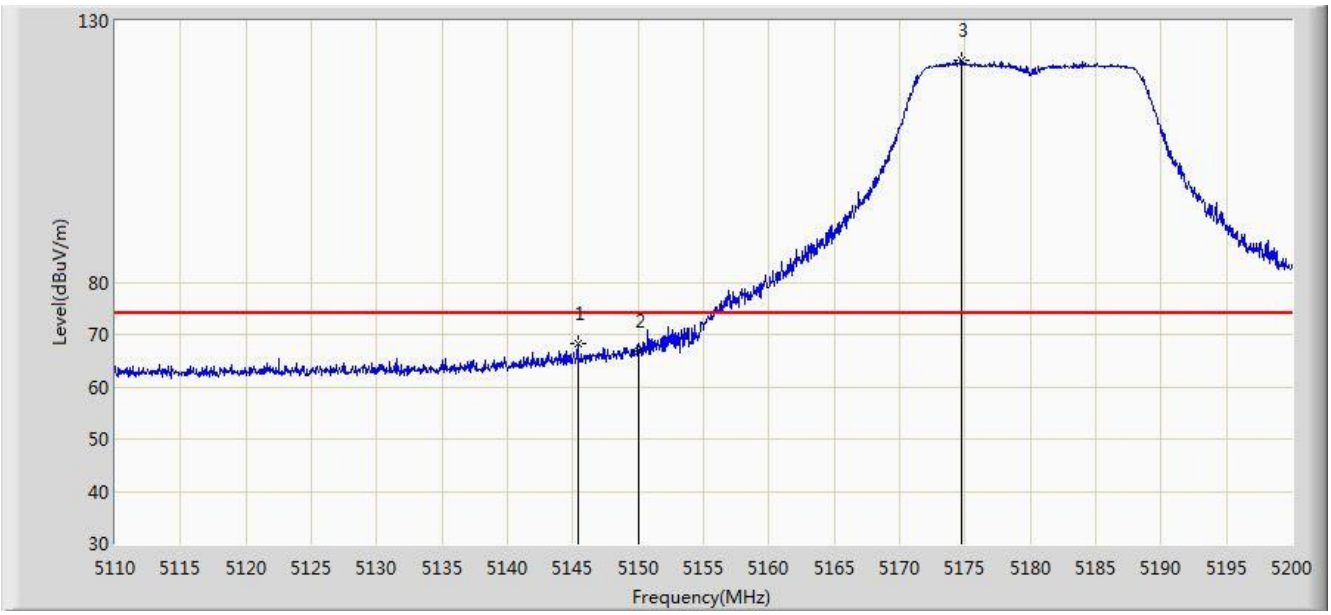


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.562	43.253	-7.438	54.000	3.309	AV
2		*	5177.275	80.717	77.442	N/A	N/A	3.274	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

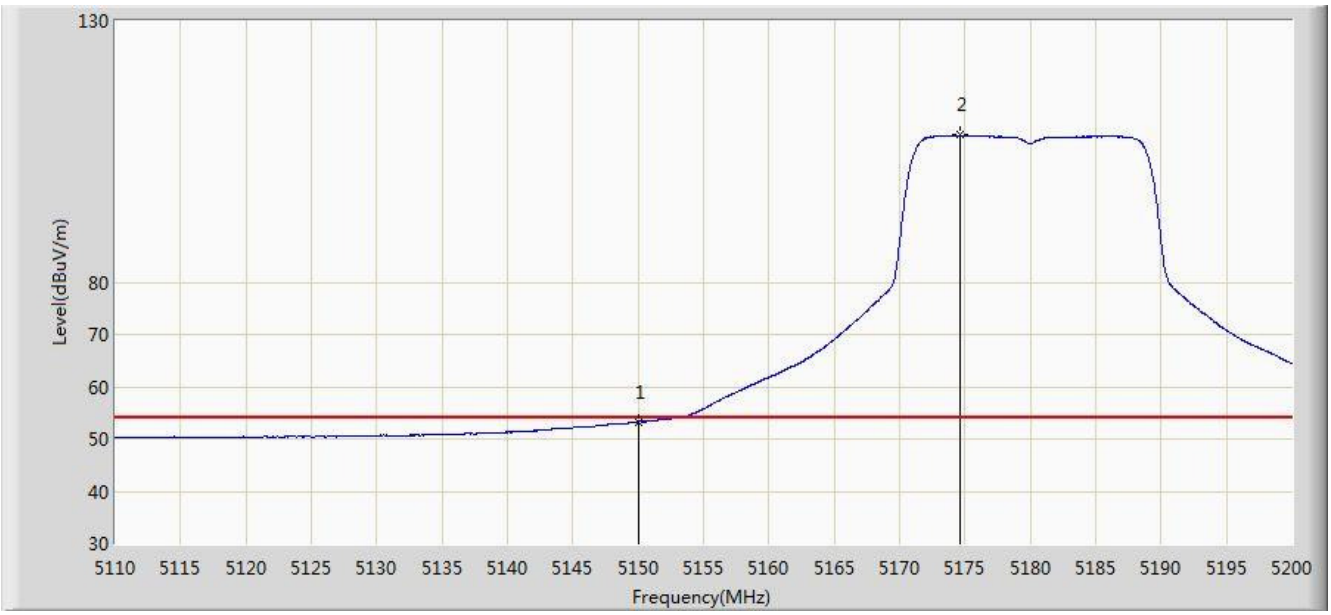


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5145.370	68.243	64.934	-5.757	74.000	3.308	PK
2			5150.000	66.755	63.446	-7.245	74.000	3.309	PK
3		*	5174.710	122.509	119.232	N/A	N/A	3.277	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5180MHz Ant 2	

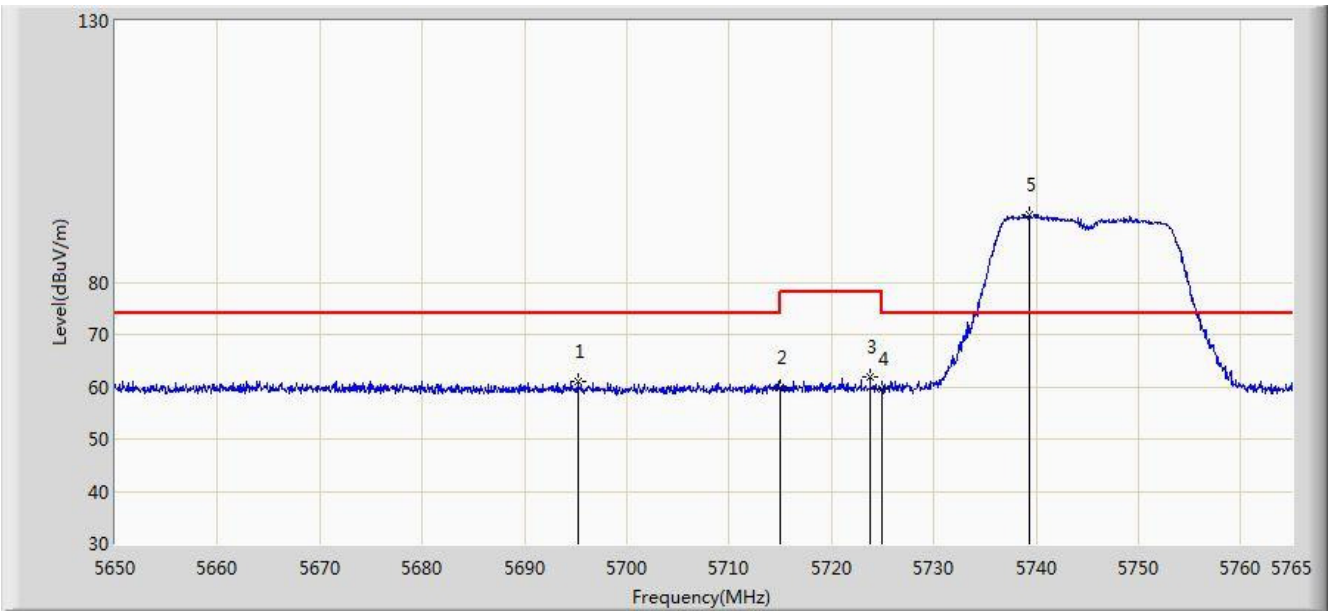


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.323	50.014	-0.677	54.000	3.309	AV
2		*	5174.665	108.121	104.844	N/A	N/A	3.277	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:26
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

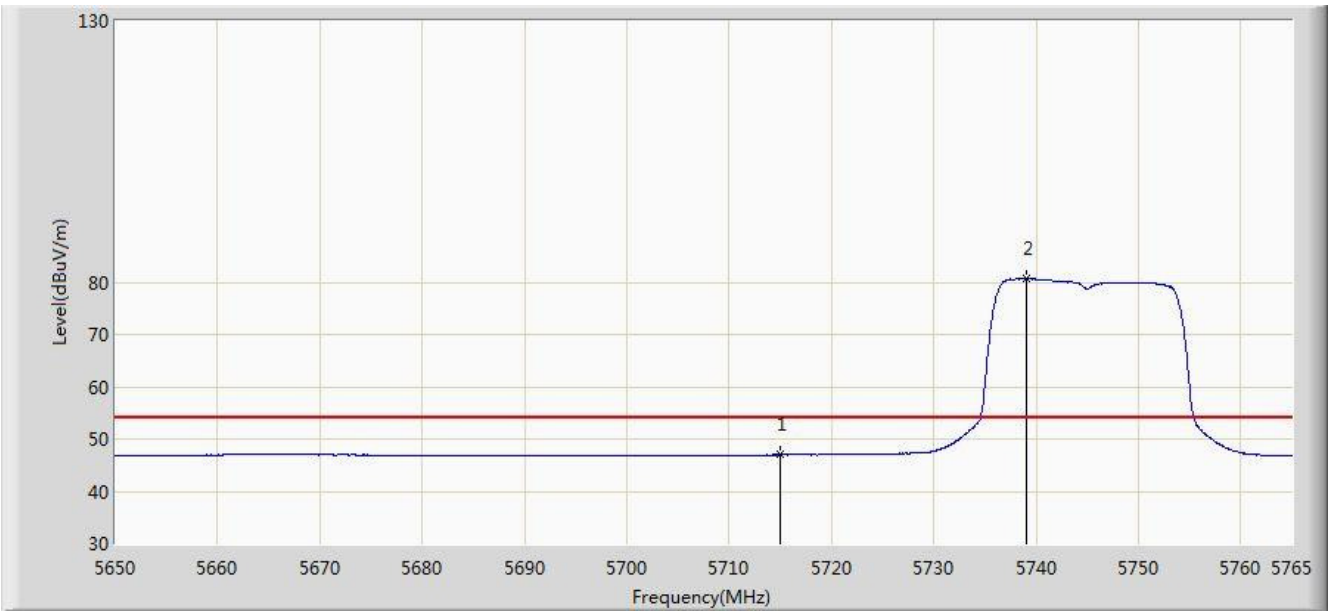


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5695.195	61.006	57.294	-12.994	74.000	3.713	PK
2			5715.000	59.810	56.049	-14.190	74.000	3.761	PK
3			5723.772	62.011	58.224	-16.189	78.200	3.786	PK
4			5725.000	59.591	55.800	-18.609	78.200	3.791	PK
5		*	5739.413	93.012	89.177	N/A	N/A	3.836	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

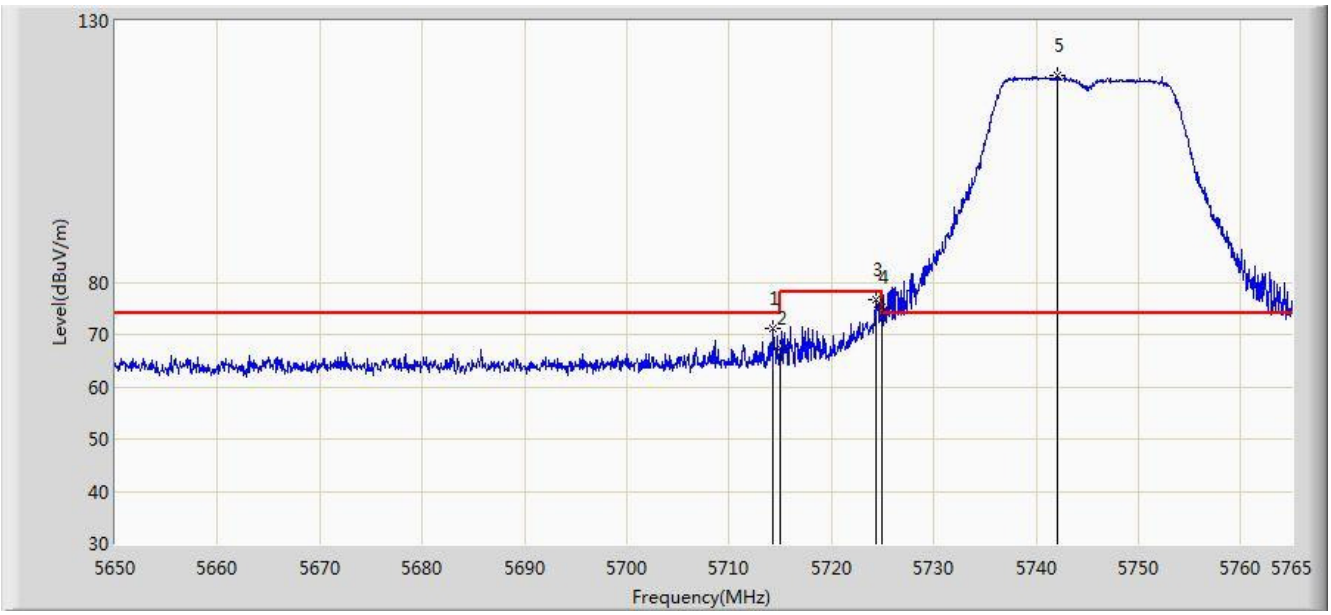


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	46.970	43.209	-7.030	54.000	3.761	AV
2		*	5739.010	80.668	76.834	N/A	N/A	3.834	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:25
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

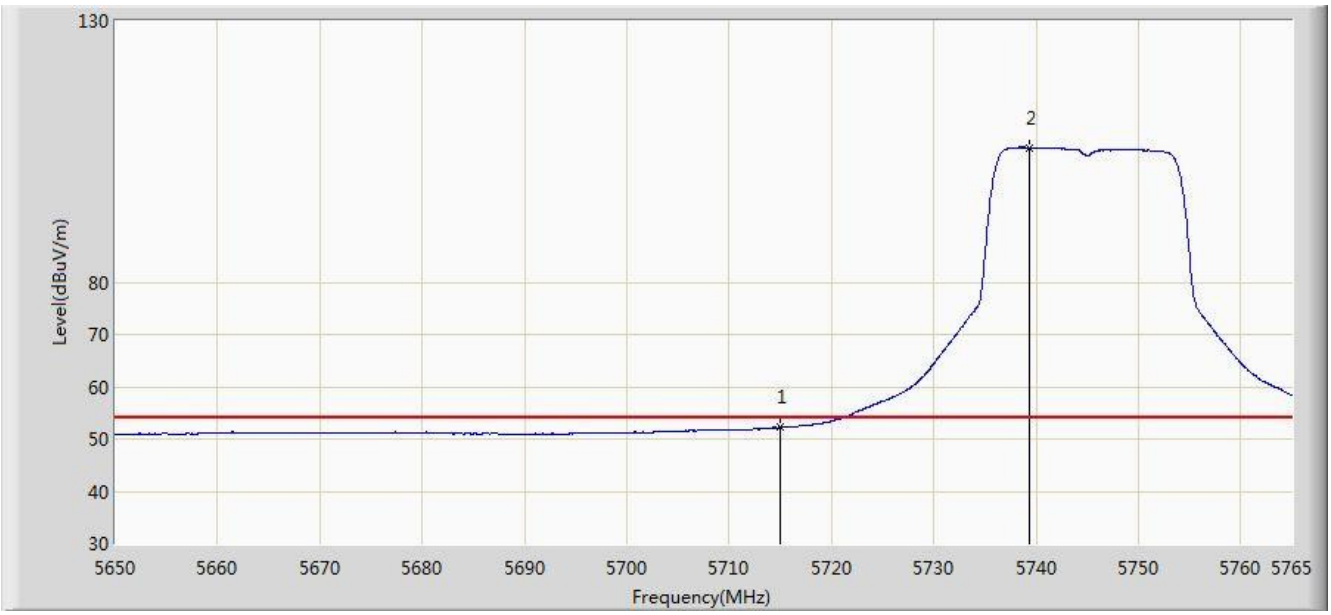


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.228	71.048	67.289	-2.952	74.000	3.758	PK
2			5715.000	67.370	63.609	-6.630	74.000	3.761	PK
3			5724.405	76.651	72.862	-1.549	78.200	3.790	PK
4			5725.000	75.329	71.538	-2.871	78.200	3.791	PK
5		*	5742.115	119.514	115.671	N/A	N/A	3.843	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5745MHz Ant 2	

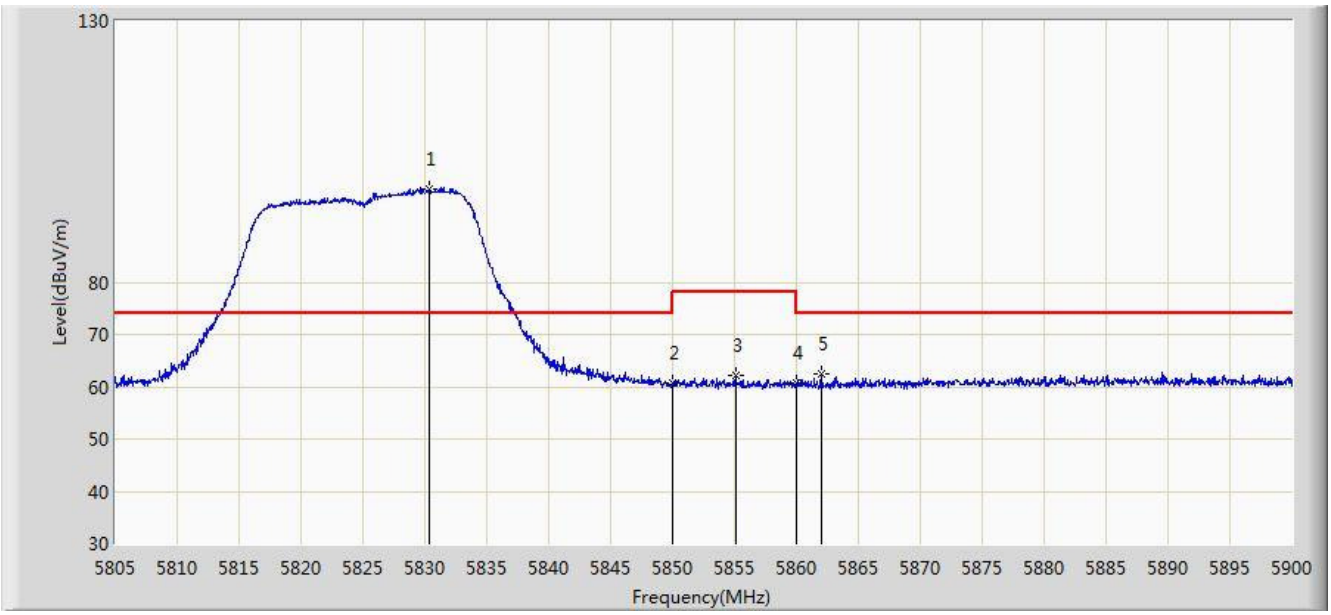


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.238	48.477	-1.762	54.000	3.761	AV
2		*	5739.355	105.729	101.894	N/A	N/A	3.836	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

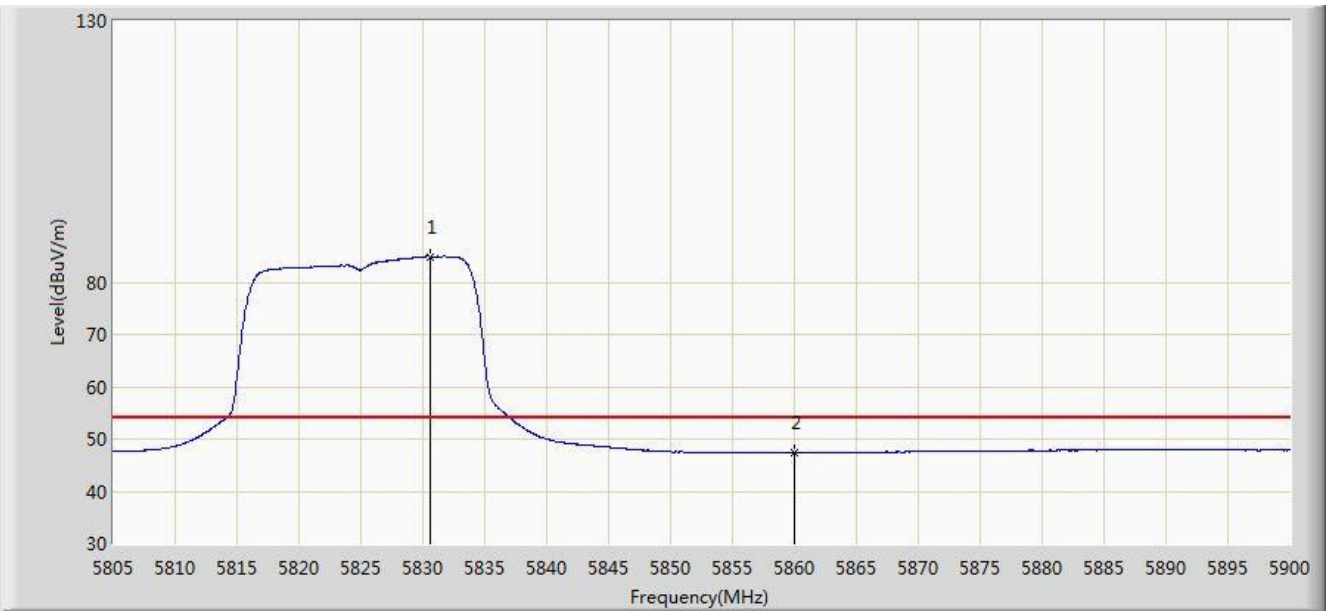


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.317	97.926	93.908	N/A	N/A	4.018	PK
2			5850.000	60.598	56.541	-17.602	78.200	4.058	PK
3			5855.065	62.278	58.218	-15.922	78.200	4.061	PK
4			5860.000	60.657	56.594	-13.343	74.000	4.064	PK
5			5862.000	62.329	58.264	-11.671	74.000	4.065	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 18:14
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

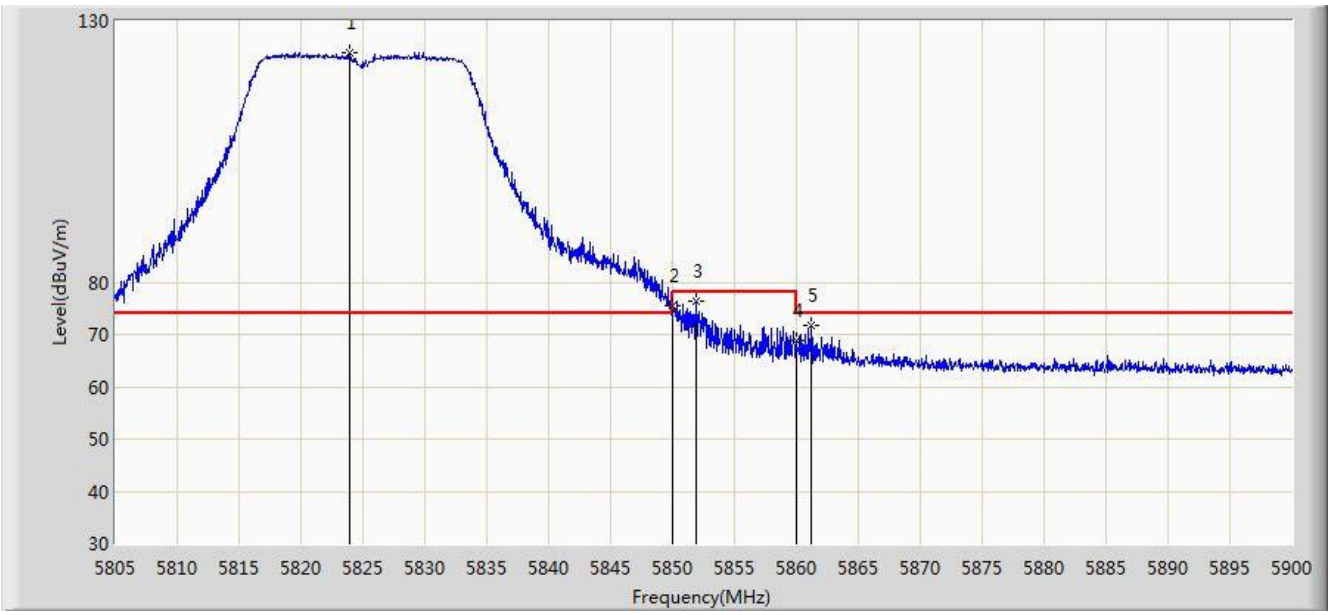


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5830.650	84.868	80.849	N/A	N/A	4.018	AV
2			5860.000	47.338	43.275	-6.662	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

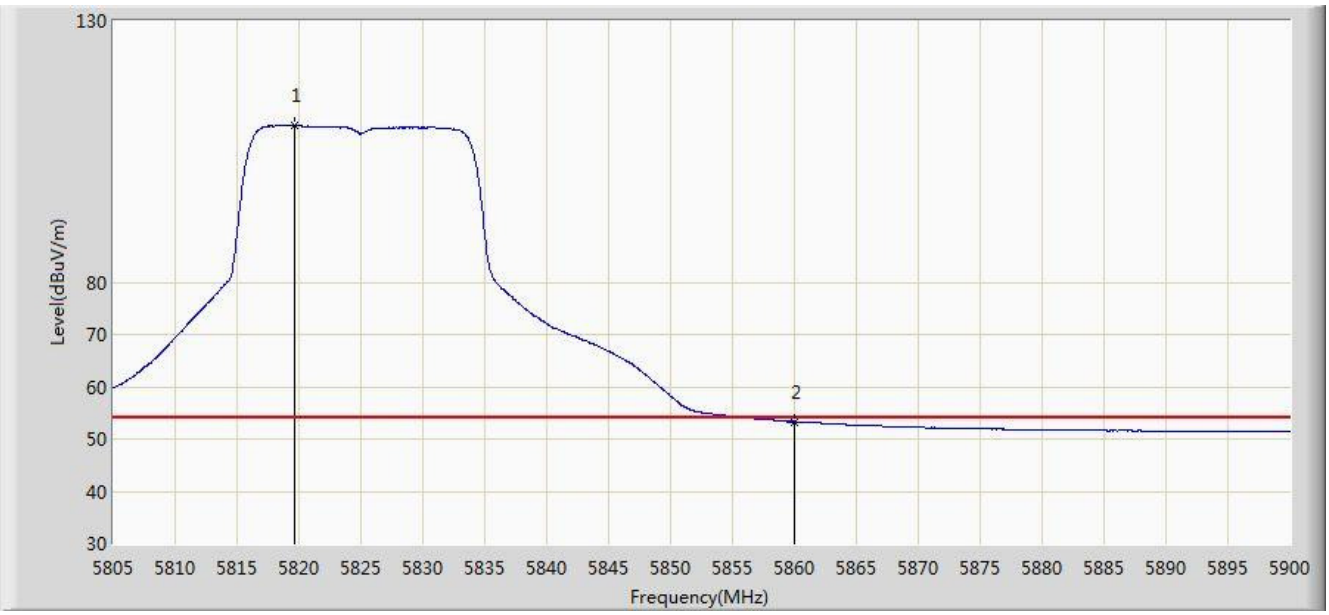


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5823.953	123.981	119.978	N/A	N/A	4.003	PK
2			5850.000	75.633	71.576	-2.567	78.200	4.058	PK
3			5851.930	76.273	72.215	-1.927	78.200	4.058	PK
4			5860.000	68.698	64.635	-5.302	74.000	4.064	PK
5			5861.240	71.624	67.560	-2.376	74.000	4.063	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/08 - 17:31
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT20 at Channel 5825MHz Ant 2	

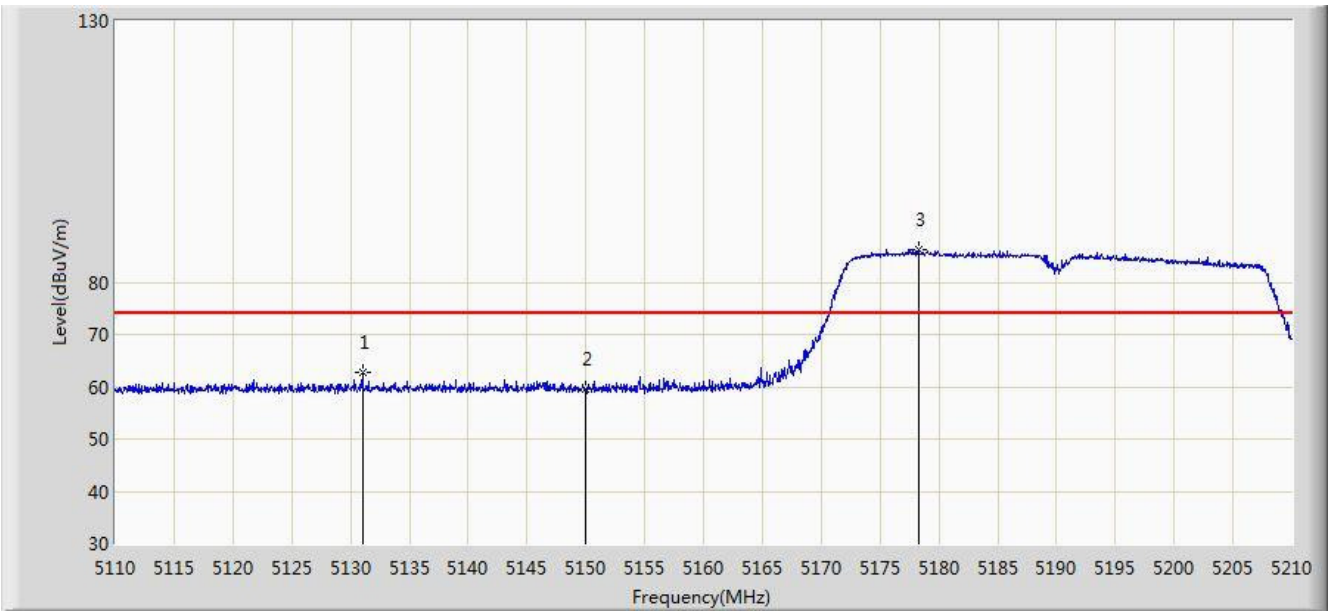


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5819.630	109.974	105.981	N/A	N/A	3.994	AV
2			5860.000	53.316	49.253	-0.684	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

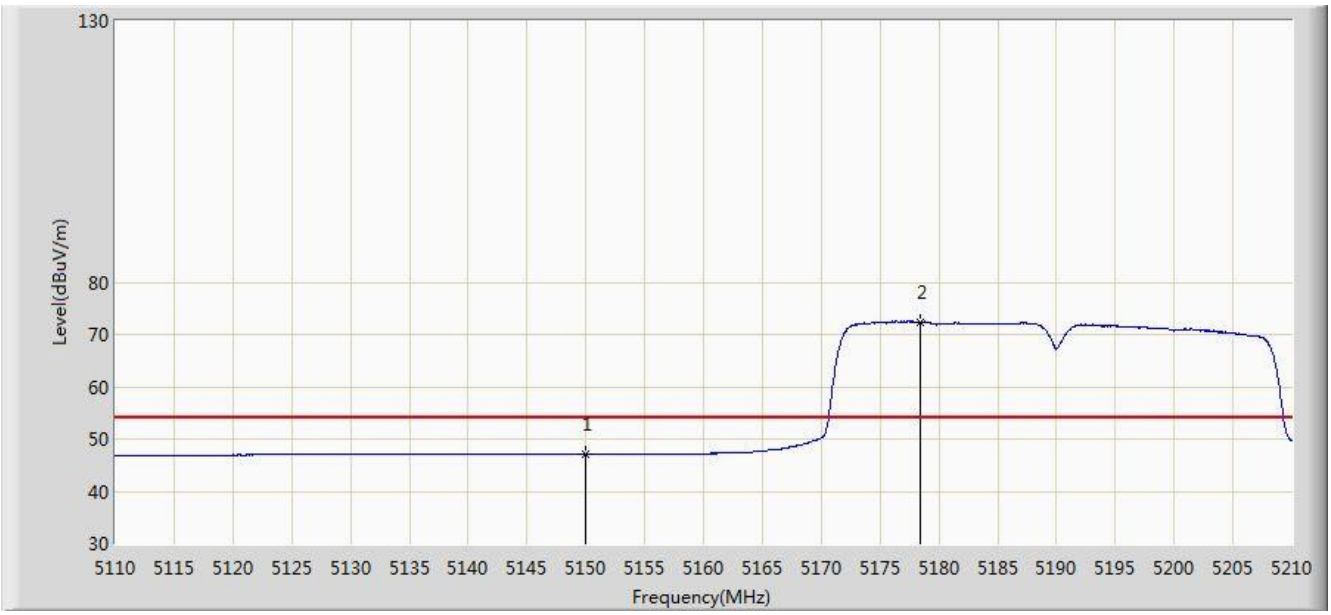


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5131.000	62.626	59.319	-11.374	74.000	3.307	PK
2			5150.000	59.651	56.342	-14.349	74.000	3.309	PK
3		*	5178.250	86.096	82.822	N/A	N/A	3.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

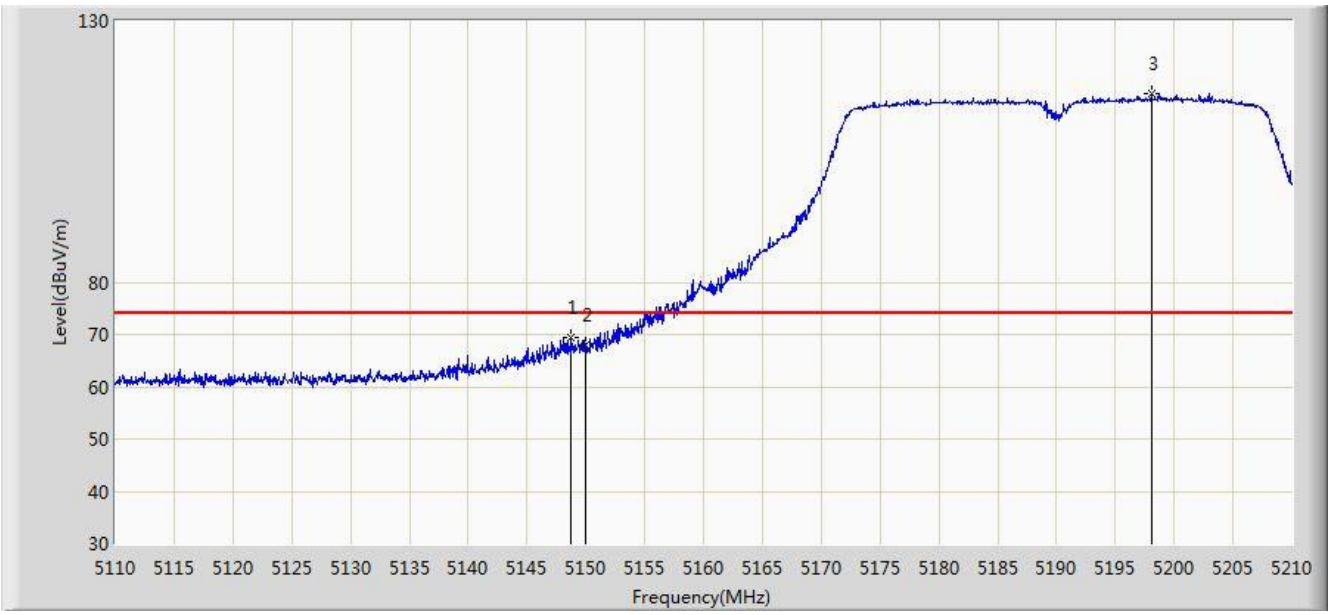


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	47.064	43.755	-6.936	54.000	3.309	AV
2		*	5178.400	72.423	69.149	N/A	N/A	3.275	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:34
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

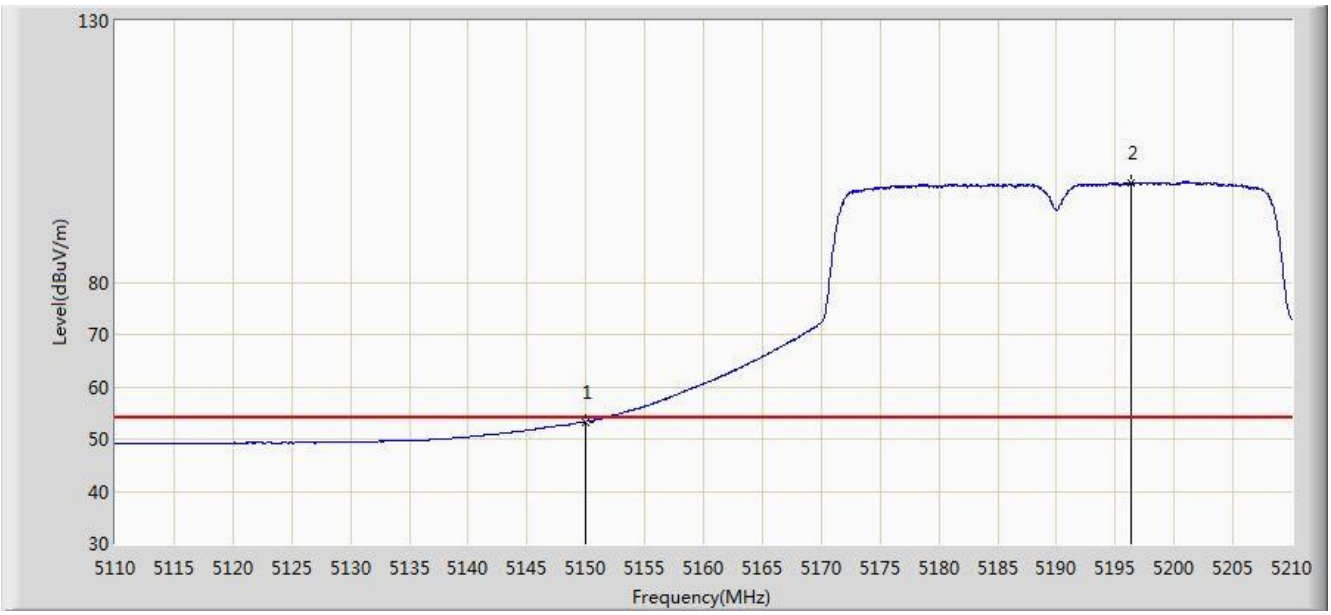


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.750	69.443	66.134	-4.557	74.000	3.309	PK
2			5150.000	67.973	64.664	-6.027	74.000	3.309	PK
3		*	5198.050	116.095	112.843	N/A	N/A	3.252	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5190MHz Ant 2	

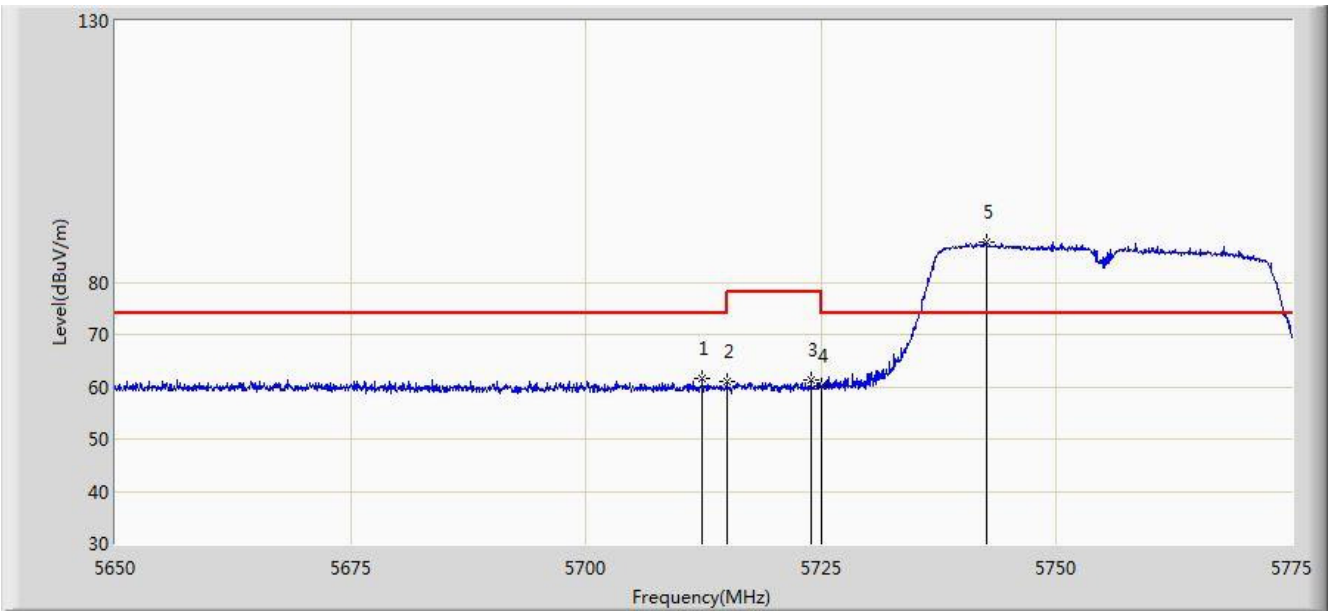


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.311	50.002	-0.689	54.000	3.309	AV
2		*	5196.400	99.108	95.854	N/A	N/A	3.254	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2	

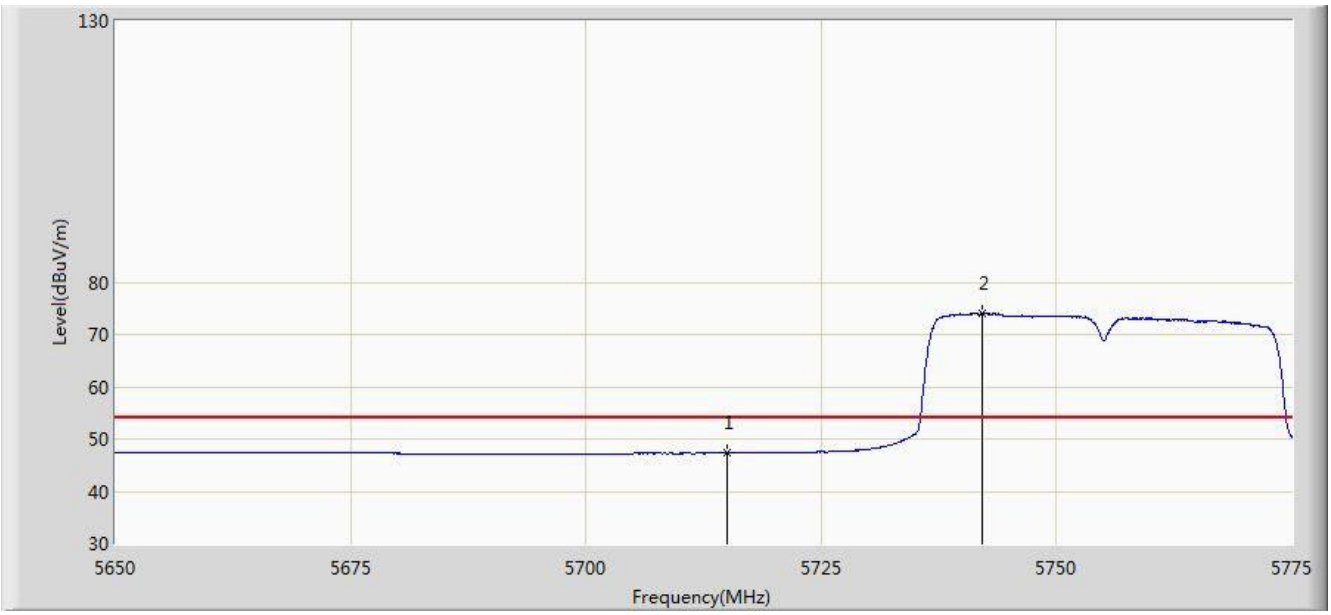


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.375	61.601	57.848	-12.399	74.000	3.753	PK
2			5715.000	60.875	57.114	-13.125	74.000	3.761	PK
3			5723.937	61.394	57.606	-16.806	78.200	3.788	PK
4			5725.000	60.146	56.355	-18.054	78.200	3.791	PK
5		*	5742.500	87.684	83.840	N/A	N/A	3.844	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2	

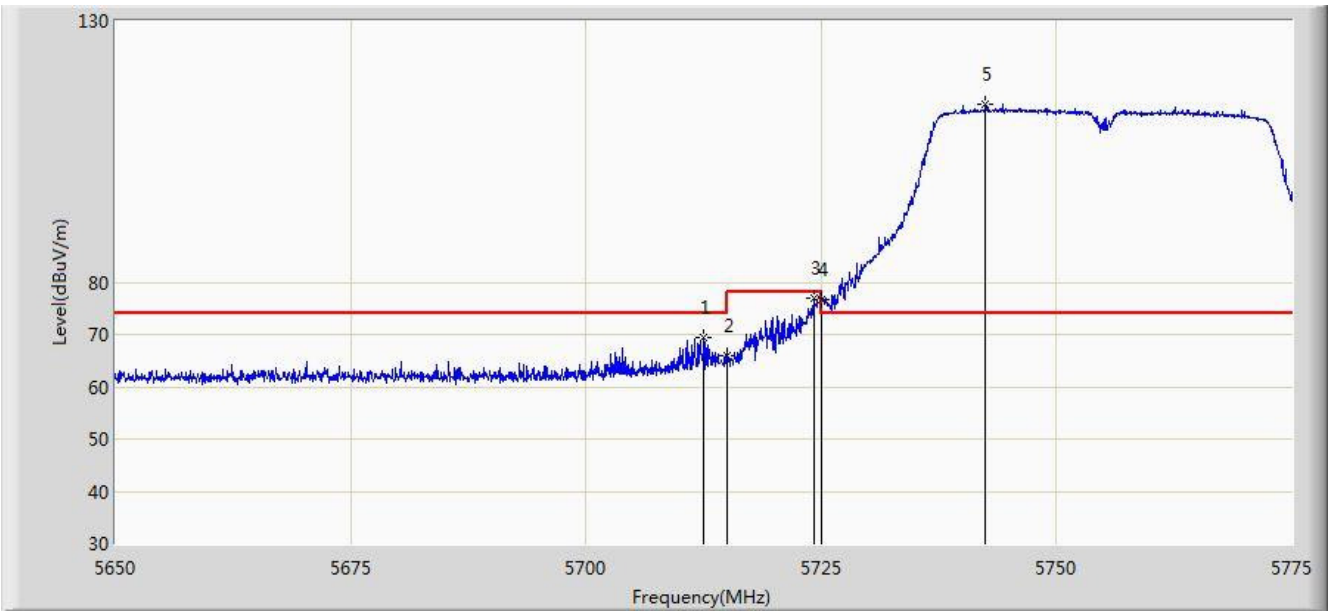


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.328	43.567	-6.672	54.000	3.761	AV
2		*	5742.125	73.997	70.154	N/A	N/A	3.843	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2	

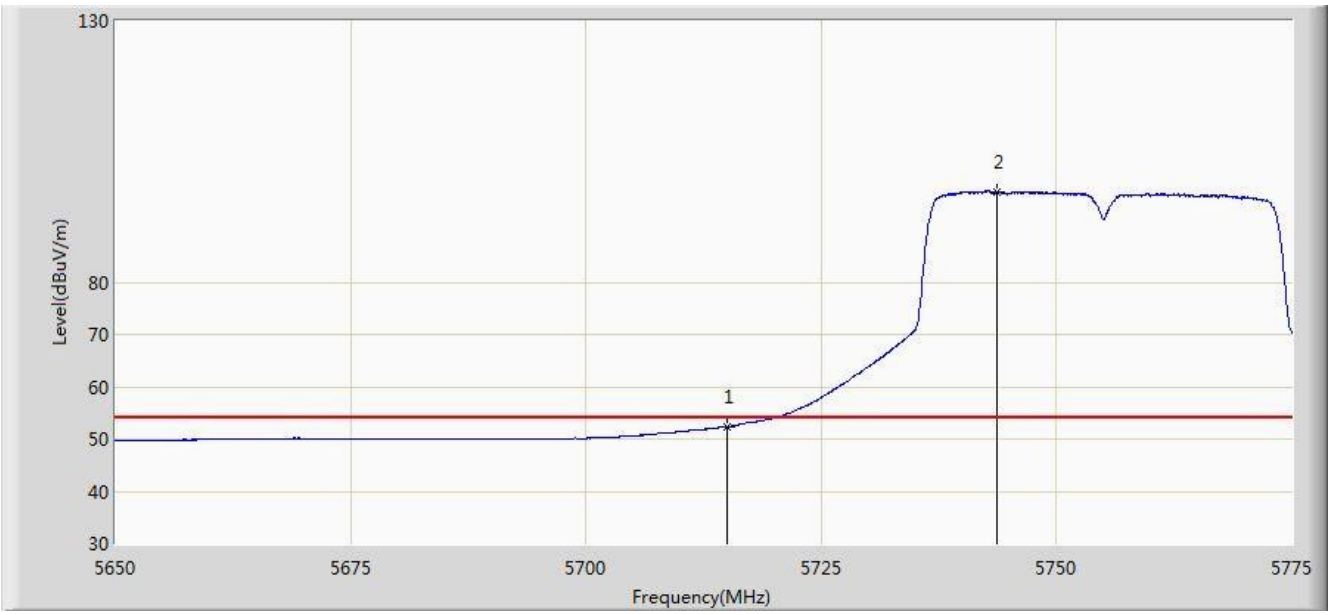


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5712.500	69.429	65.676	-4.571	74.000	3.753	PK
2			5715.000	65.992	62.231	-8.008	74.000	3.761	PK
3			5724.250	77.082	73.294	-1.118	78.200	3.789	PK
4			5725.000	76.664	72.873	-1.536	78.200	3.791	PK
5		*	5742.437	113.924	110.080	N/A	N/A	3.844	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 11:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5755MHz Ant 2	

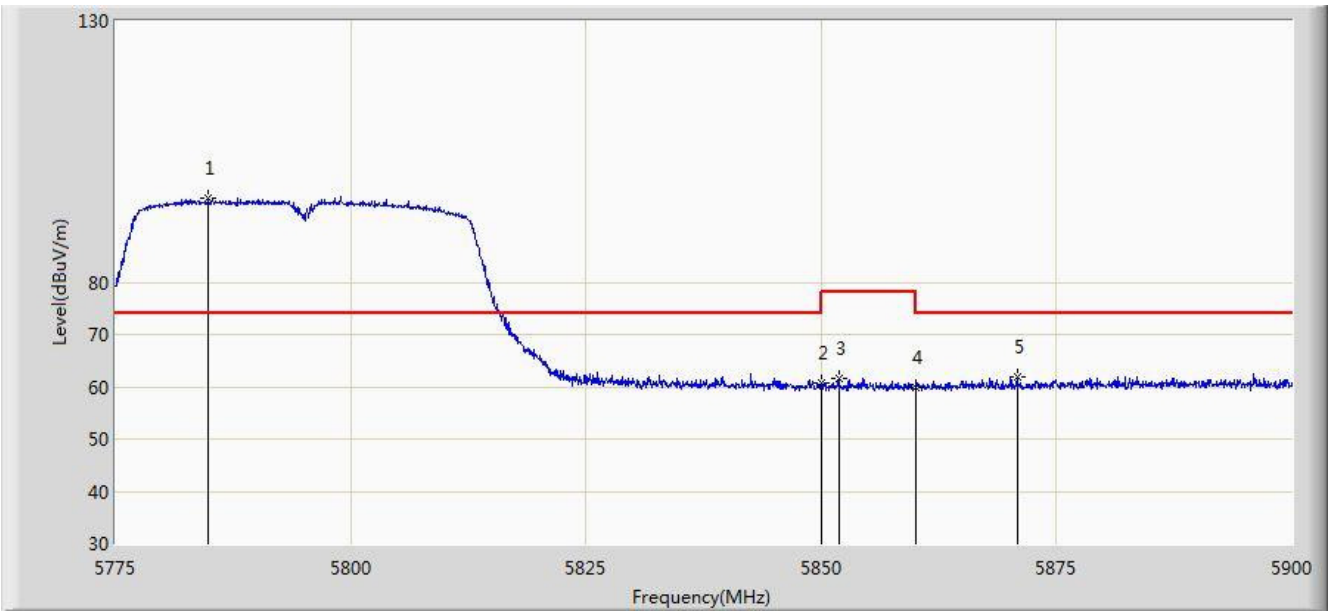


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.325	48.564	-1.675	54.000	3.761	AV
2		*	5743.625	97.377	93.529	N/A	N/A	3.847	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:43
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2	

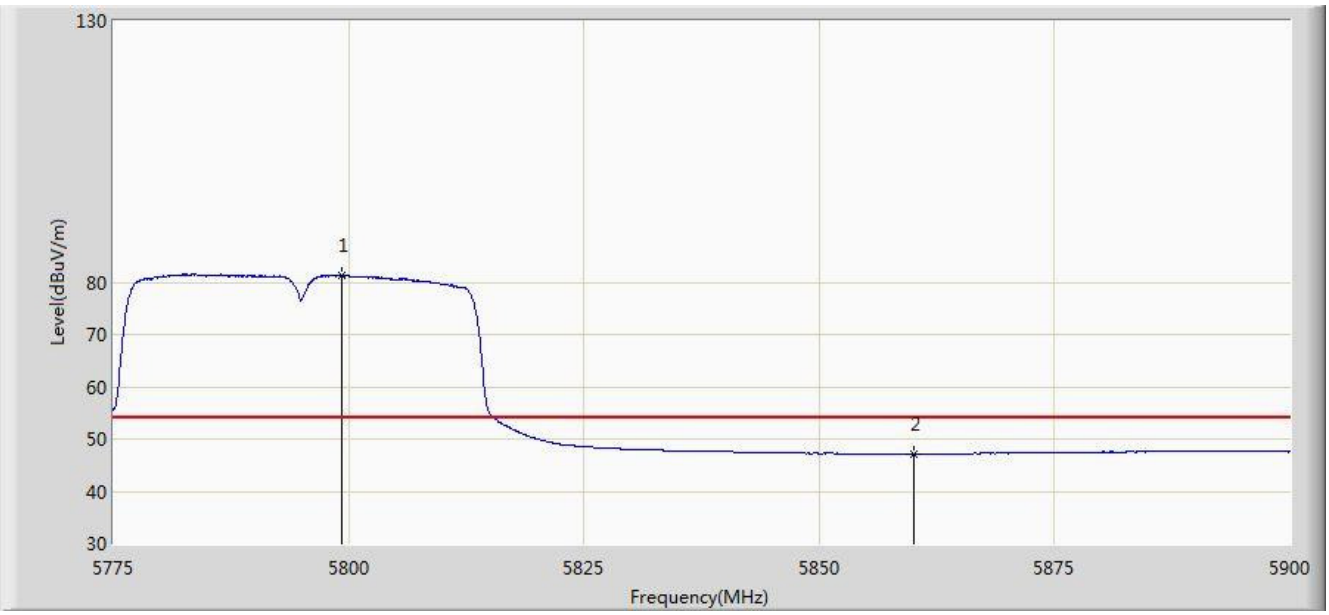


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5784.875	96.000	92.064	N/A	N/A	3.936	PK
2			5850.000	60.636	56.579	-17.564	78.200	4.058	PK
3			5851.875	61.705	57.647	-16.495	78.200	4.058	PK
4			5860.000	59.887	55.824	-14.113	74.000	4.064	PK
5			5870.812	61.852	57.760	-12.148	74.000	4.093	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2	

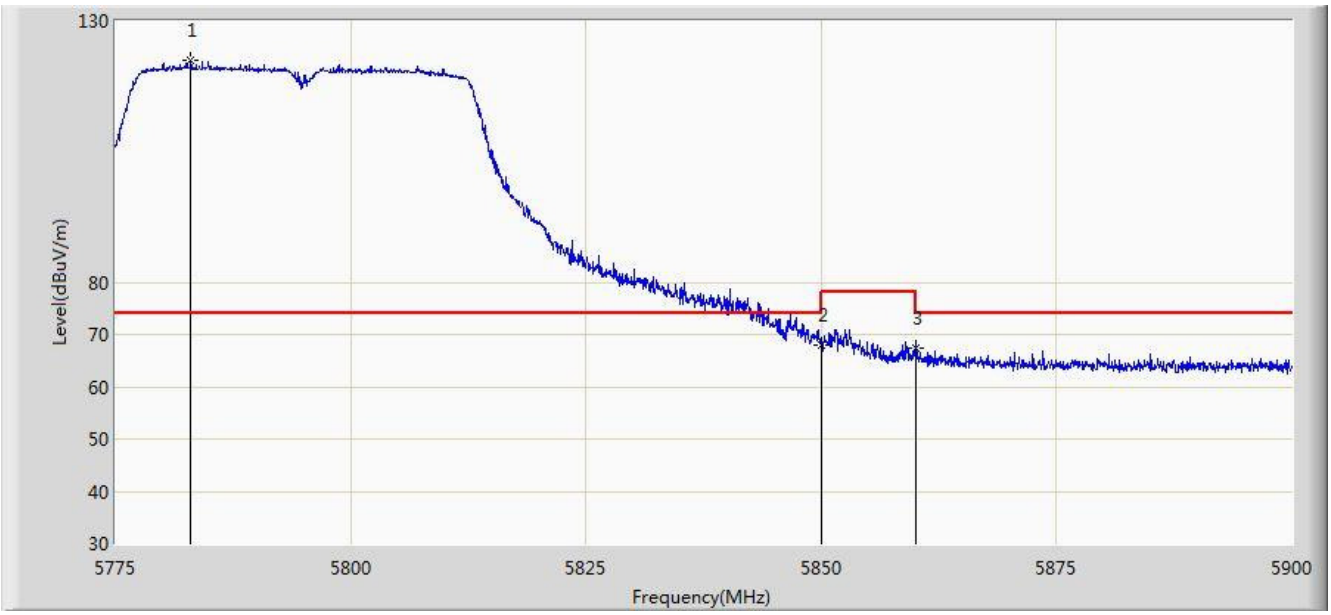


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5799.250	81.200	77.241	N/A	N/A	3.958	AV
2			5860.000	47.141	43.078	-6.859	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2	

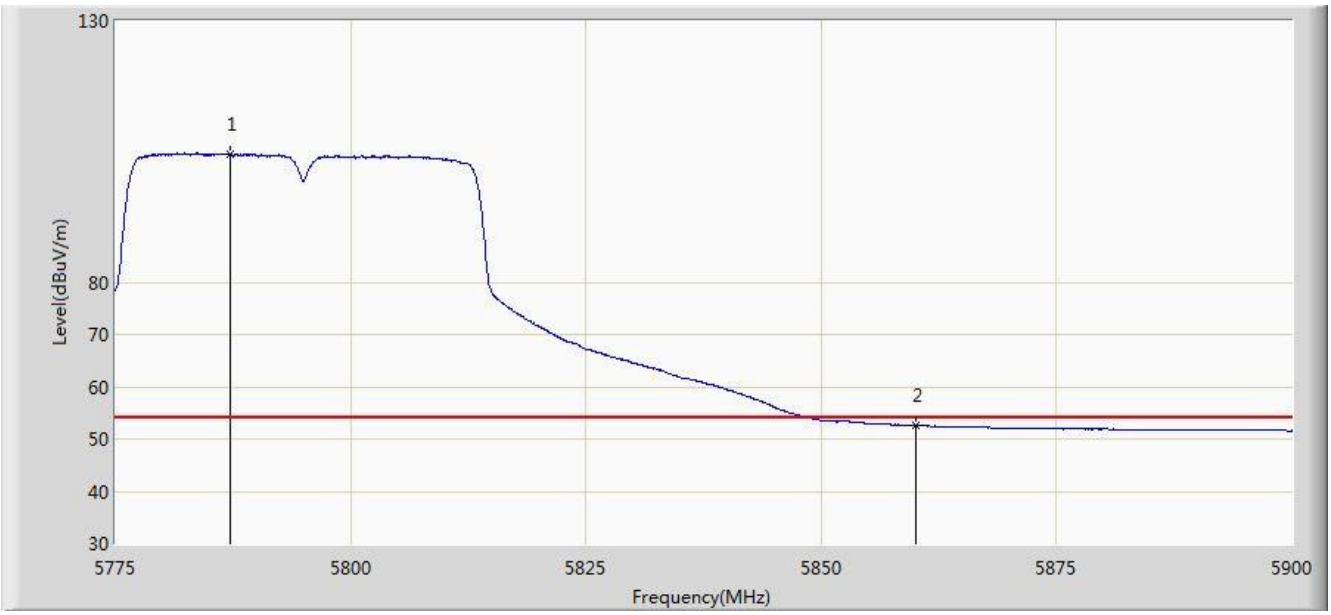


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5783.062	122.424	118.492	N/A	N/A	3.932	PK
2			5850.000	67.992	63.935	-10.208	78.200	4.058	PK
3			5860.000	67.445	63.382	-6.555	74.000	4.064	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at Channel 5795MHz Ant 2	

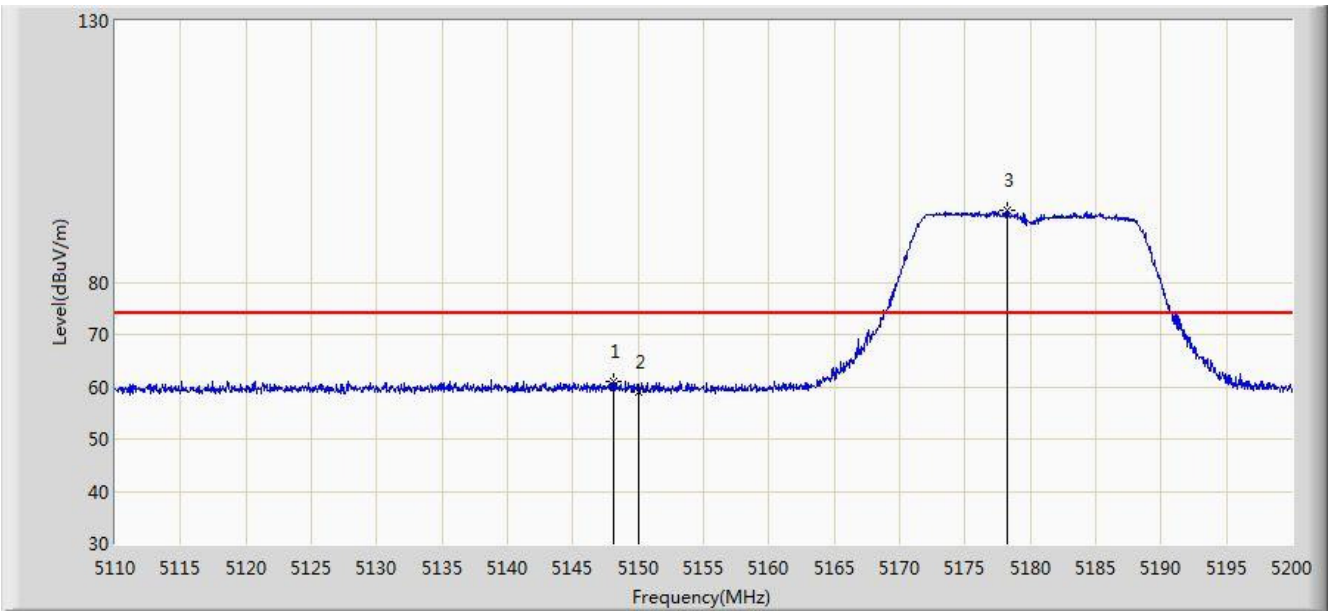


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5787.250	104.394	100.454	N/A	N/A	3.939	AV
2			5860.000	52.678	48.615	-1.322	54.000	4.064	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

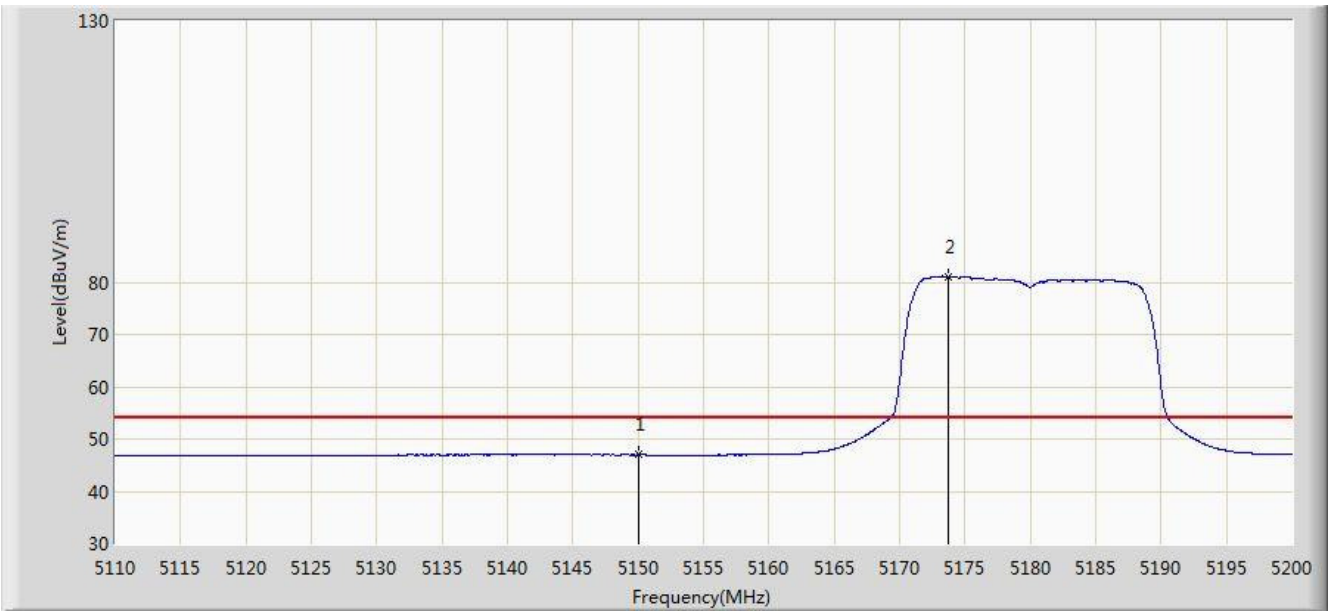


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5148.115	61.023	57.714	-12.977	74.000	3.309	PK
2			5150.000	59.045	55.736	-14.955	74.000	3.309	PK
3		*	5178.265	93.834	90.560	N/A	N/A	3.275	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

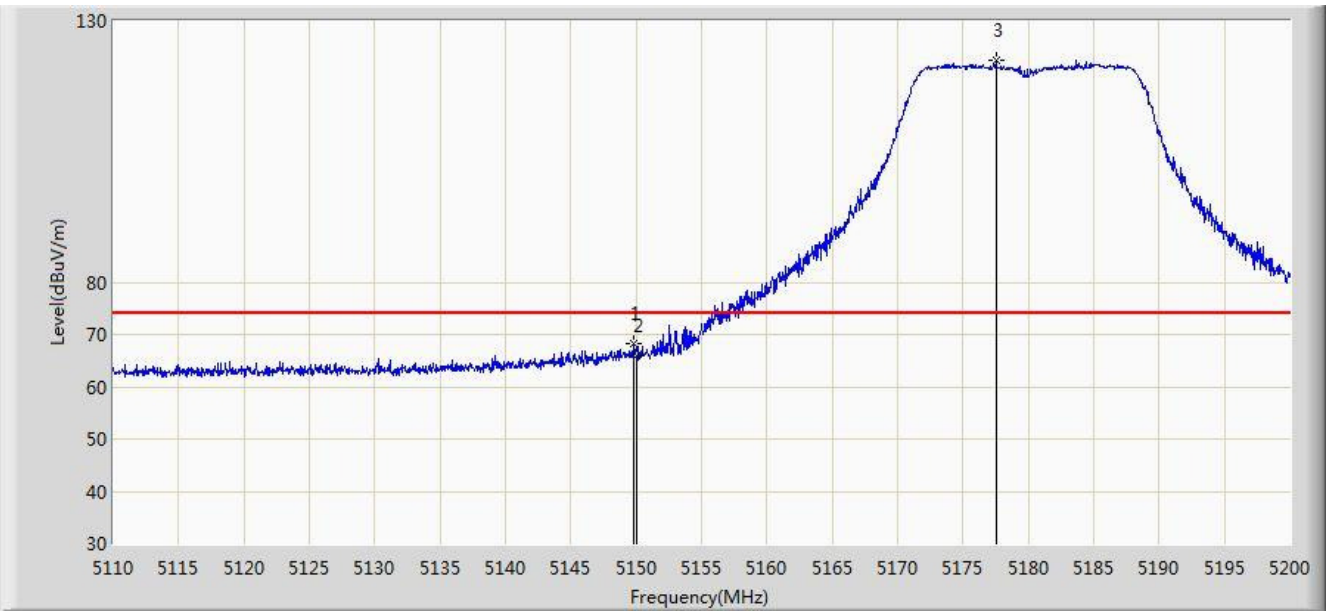


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	46.963	43.654	-7.037	54.000	3.309	AV
2		*	5173.765	81.097	77.819	N/A	N/A	3.278	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

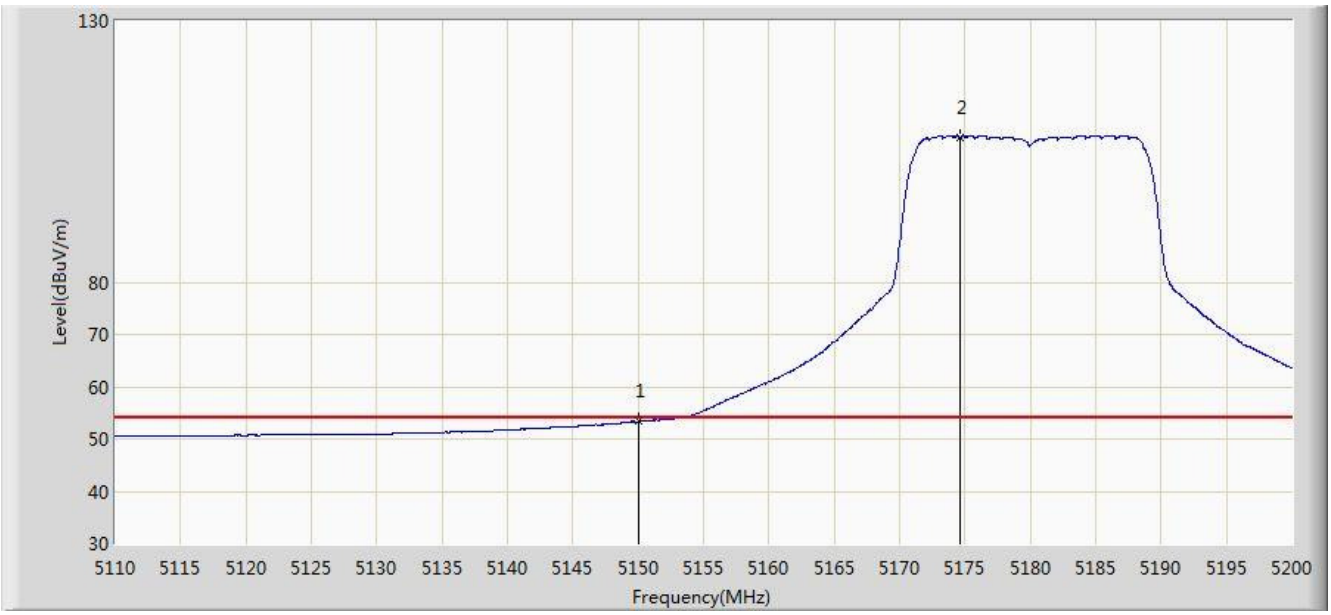


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5149.825	68.389	65.080	-5.611	74.000	3.309	PK
2			5150.000	65.894	62.585	-8.106	74.000	3.309	PK
3		*	5177.545	122.401	119.126	N/A	N/A	3.276	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz Ant 2	

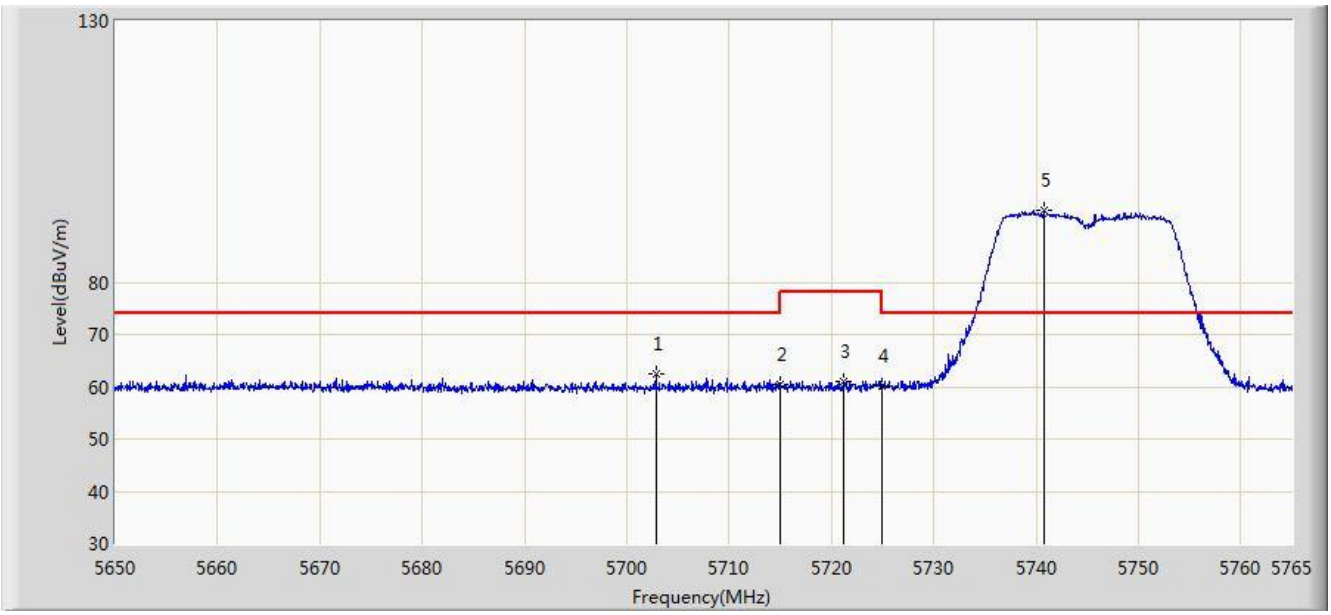


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5150.000	53.364	50.055	-0.636	54.000	3.309	AV
2		*	5174.665	107.803	104.526	N/A	N/A	3.277	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2	

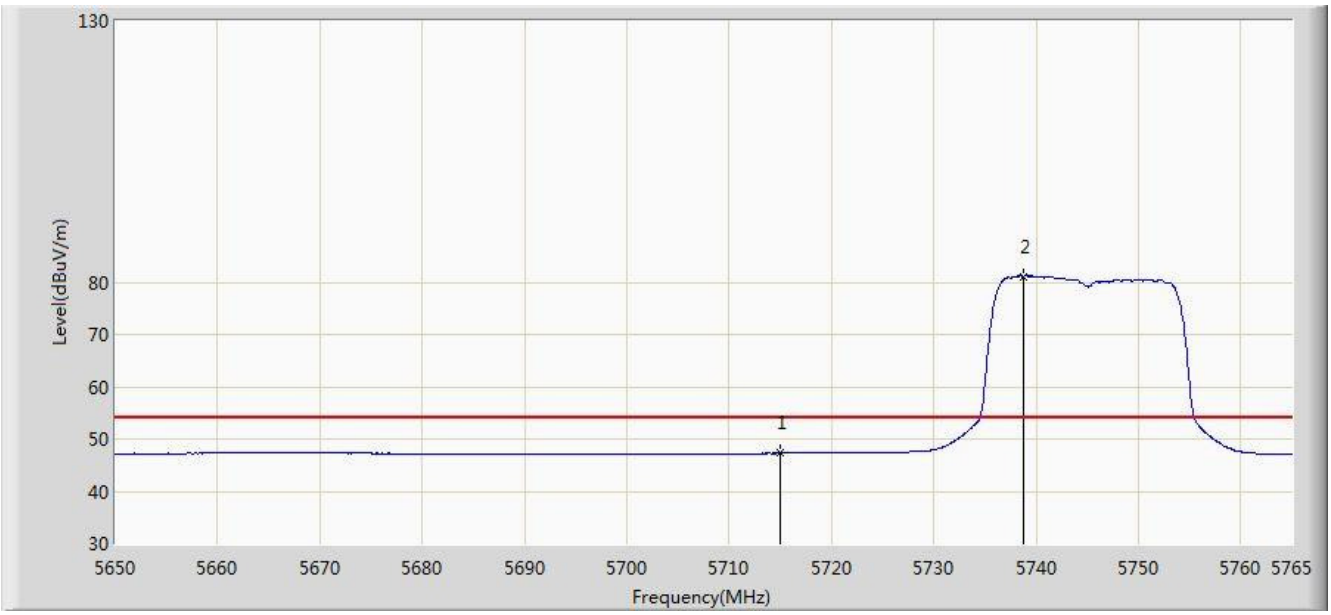


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5702.842	62.571	58.848	-11.429	74.000	3.723	PK
2			5715.000	60.342	56.581	-13.658	74.000	3.761	PK
3			5721.243	61.077	57.298	-17.123	78.200	3.779	PK
4			5725.000	60.286	56.495	-17.914	78.200	3.791	PK
5		*	5740.735	93.655	89.816	N/A	N/A	3.838	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2	

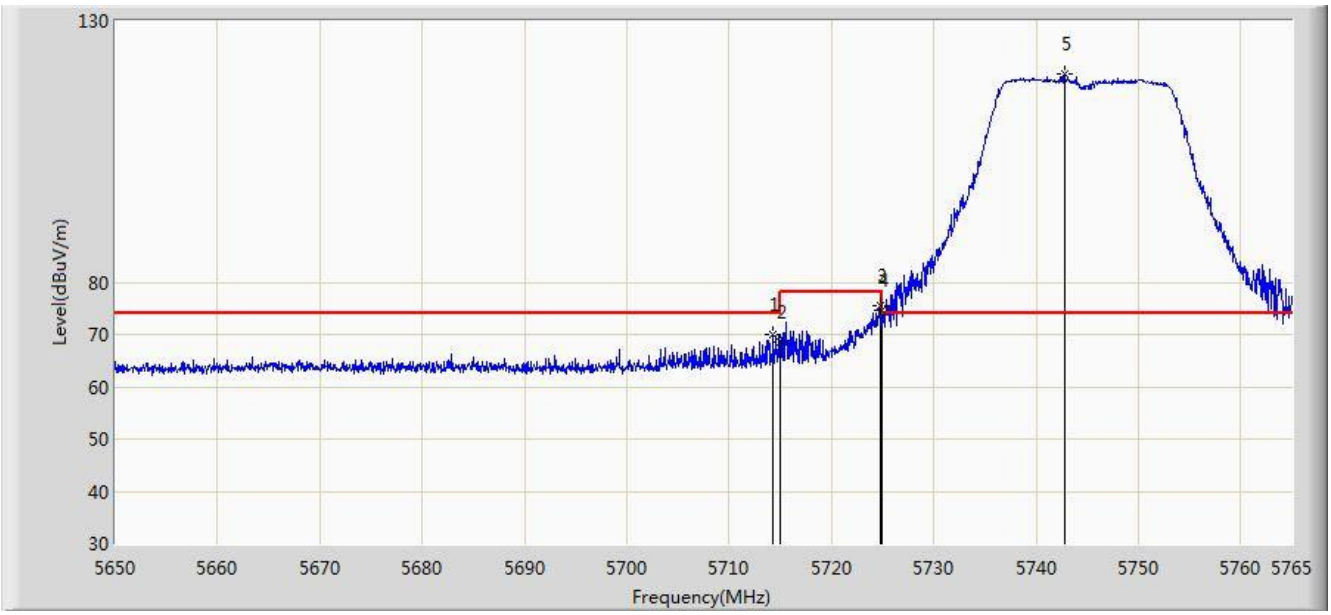


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	47.264	43.503	-6.736	54.000	3.761	AV
2		*	5738.780	81.111	77.277	N/A	N/A	3.834	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2	

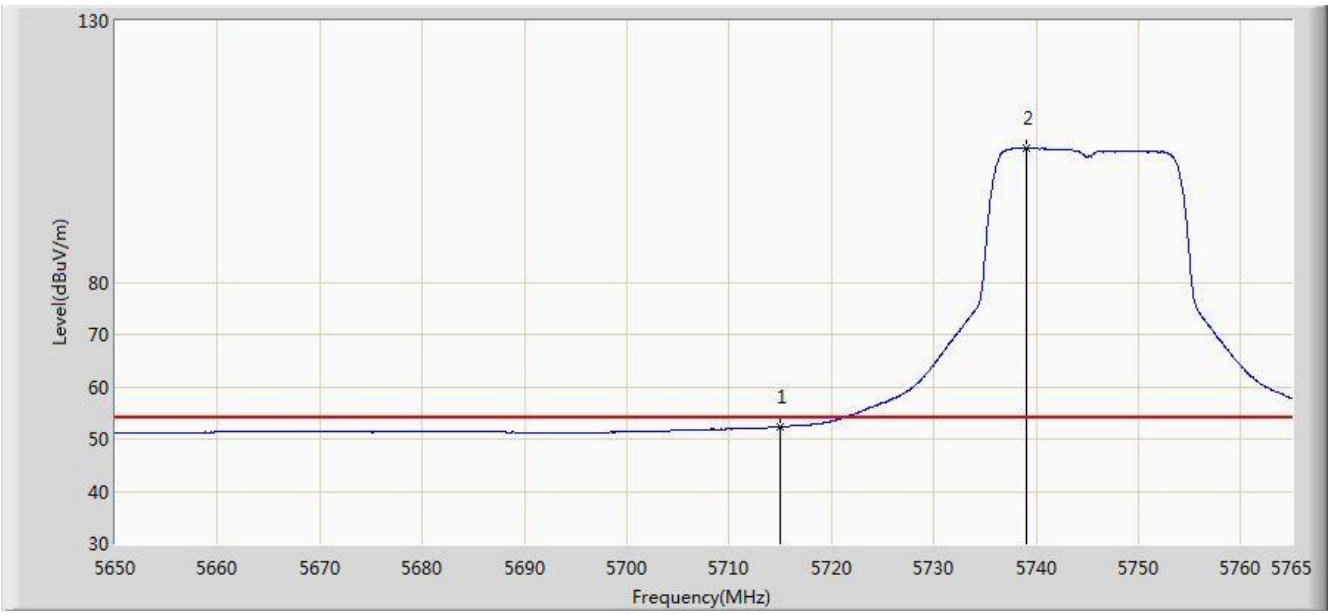


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5714.285	69.974	66.215	-4.026	74.000	3.758	PK
2			5715.000	68.513	64.752	-5.487	74.000	3.761	PK
3			5724.750	75.632	71.842	-2.568	78.200	3.790	PK
4			5725.000	74.596	70.805	-3.604	78.200	3.791	PK
5		*	5742.748	119.890	116.045	N/A	N/A	3.844	PK

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: AC1	Time: 2016/01/10 - 12:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Peak Wang
Probe: BBHA9120D_1-18GHz	Polarity: Vertical
EUT: MeshRanger X20 Dual 5GHz 802.11ac	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz Ant 2	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5715.000	52.325	48.564	-1.675	54.000	3.761	AV
2		*	5739.010	105.642	101.808	N/A	N/A	3.834	AV

Note: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB)

Factor (dB) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).