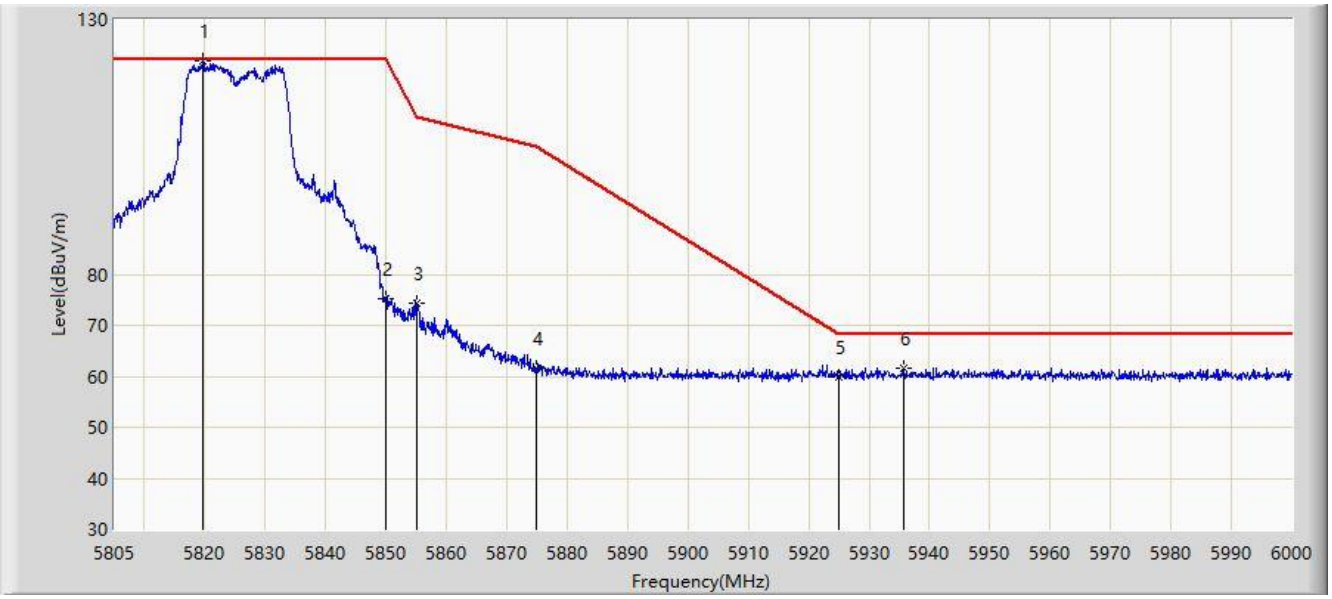
Site: WZ-AC1	Time: 2021/04/18 - 17:45
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5825MHz	

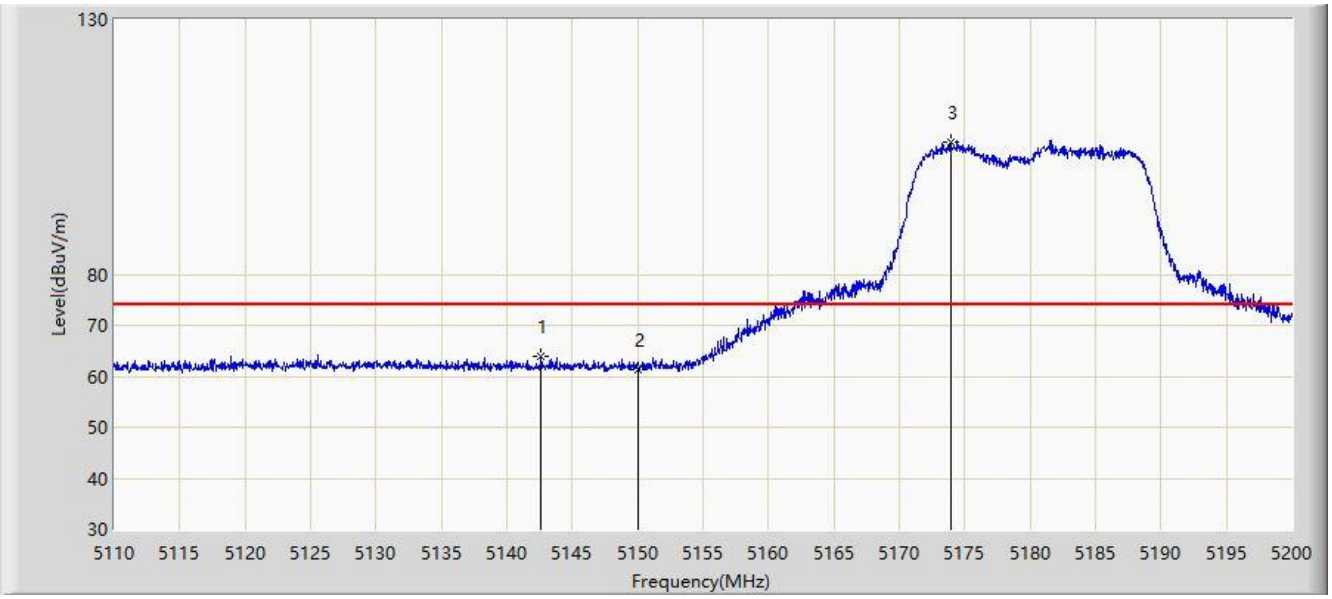


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5819.625	121.924	115.970	N/A	N/A	5.954	PK
2			5850.000	75.143	69.181	-47.057	122.200	5.961	PK
3			5855.000	74.203	68.197	-36.597	110.800	6.007	PK
4			5875.000	61.709	55.644	-43.491	105.200	6.065	PK
5			5925.000	59.859	53.687	-8.341	68.200	6.173	PK
6			5935.650	61.609	55.308	-6.591	68.200	6.300	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 10:45
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

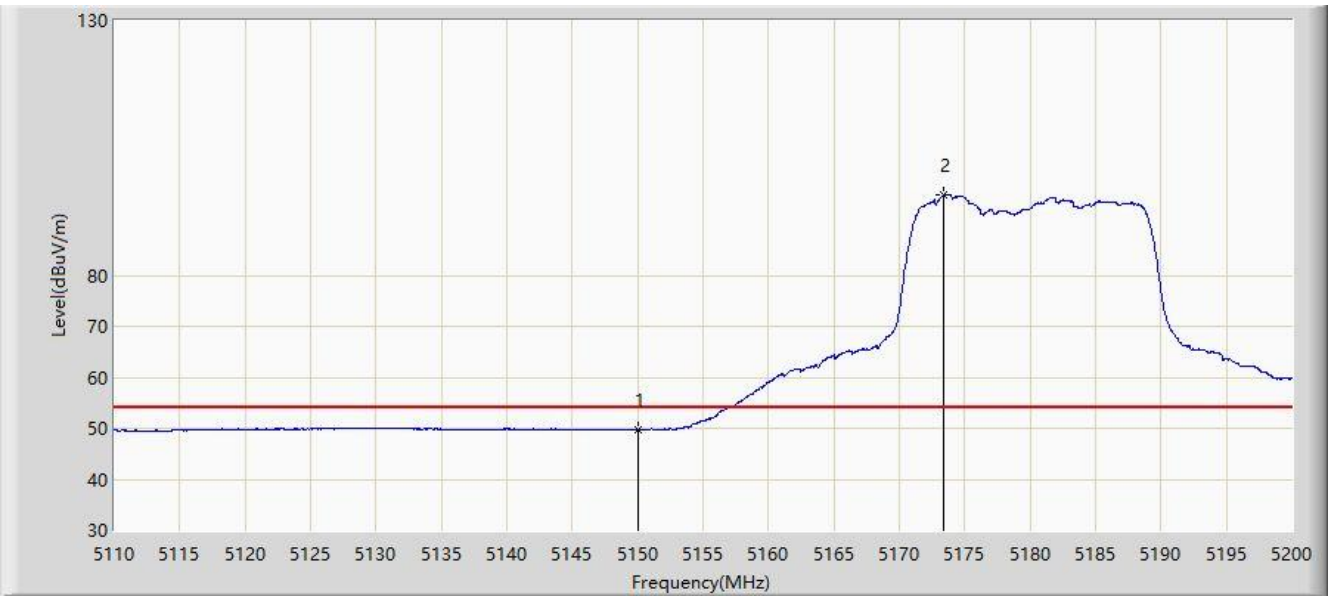


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5142.625	64.005	58.386	-9.995	74.000	5.619	PK
2			5150.000	61.402	55.869	-12.598	74.000	5.534	PK
3		*	5173.900	105.965	100.321	N/A	N/A	5.645	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

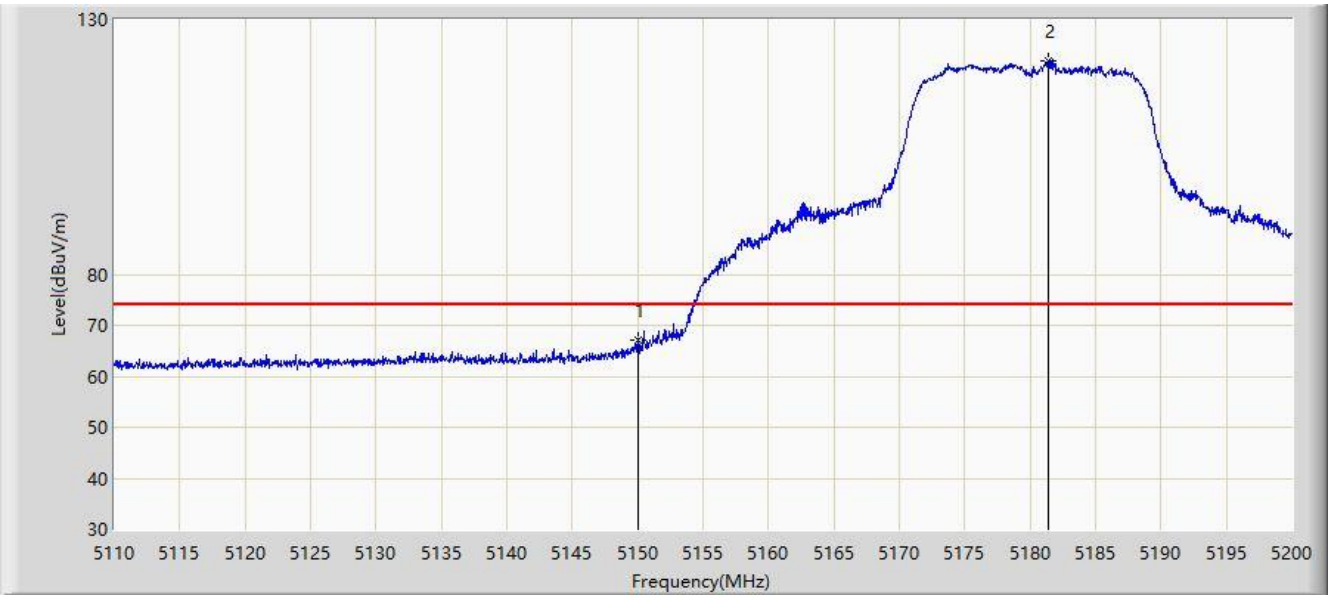


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	49.702	44.169	-4.298	54.000	5.534	AV
2		*	5173.405	95.727	90.090	N/A	N/A	5.637	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 10:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

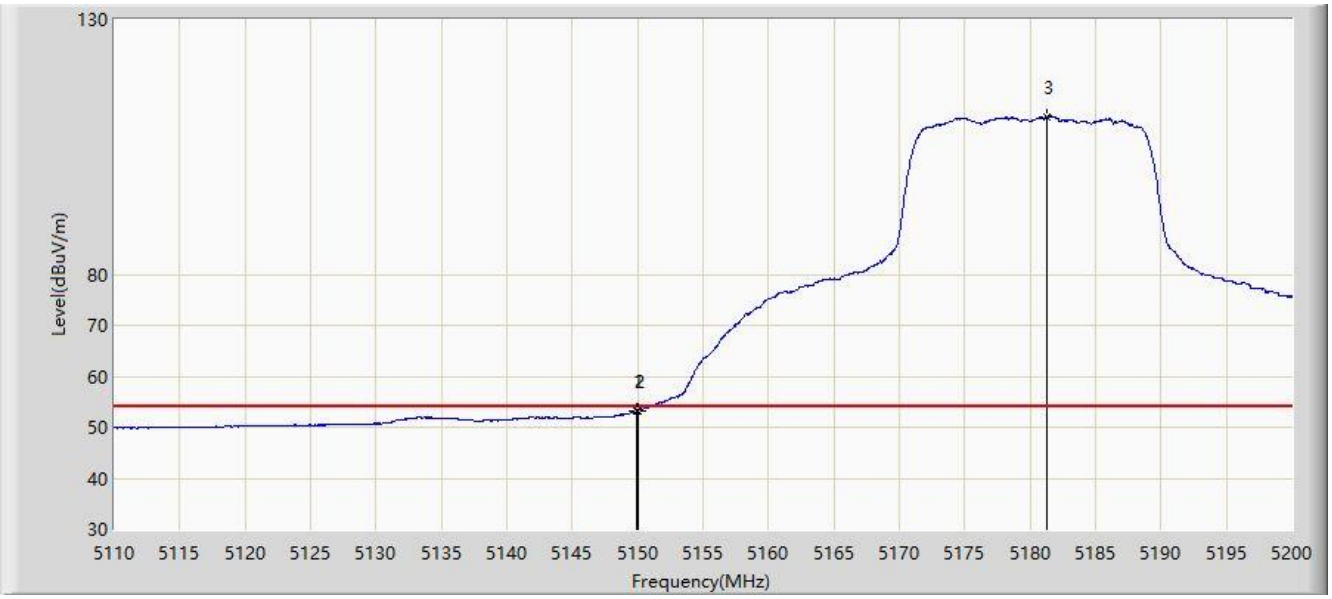


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	67.121	61.588	-6.879	74.000	5.534	PK
2		*	5181.370	121.823	116.072	N/A	N/A	5.750	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 10:49
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	

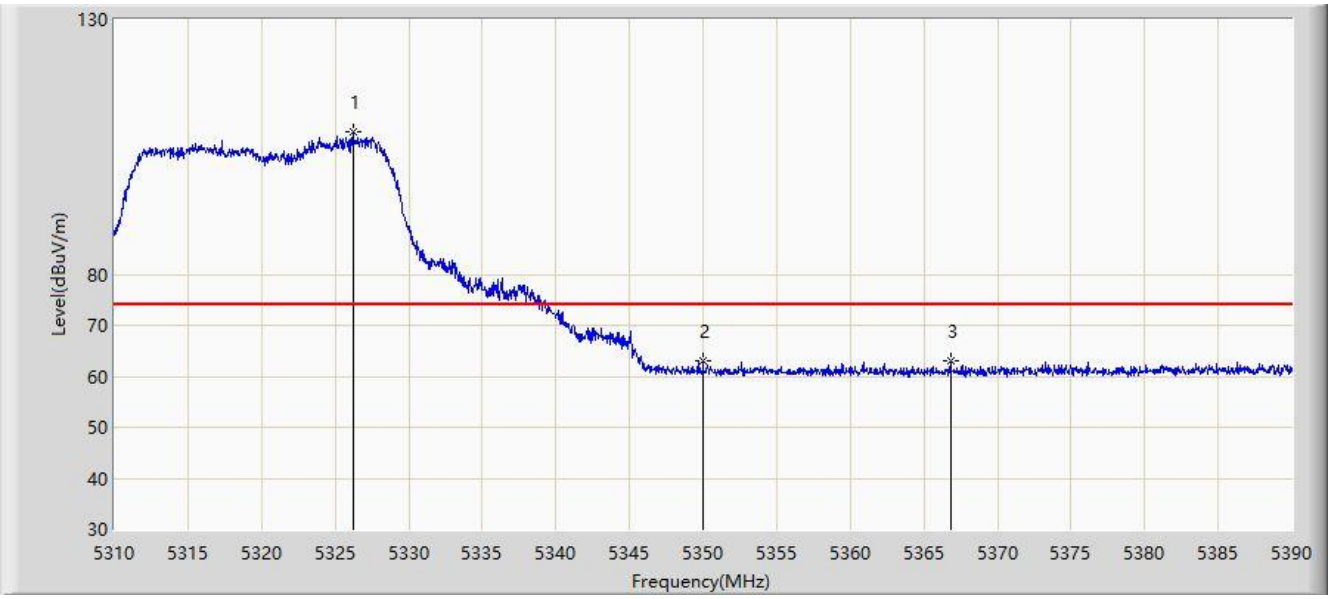


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.915	53.276	47.743	-0.724	54.000	5.533	AV
2			5150.000	53.271	47.738	-0.729	54.000	5.534	AV
3		*	5181.280	110.944	105.194	N/A	N/A	5.749	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 10:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5326.200	107.845	102.402	N/A	N/A	5.443	PK
2			5350.000	63.037	57.263	-10.963	74.000	5.774	PK
3			5366.800	63.179	64.648	-10.821	74.000	-1.468	PK

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

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

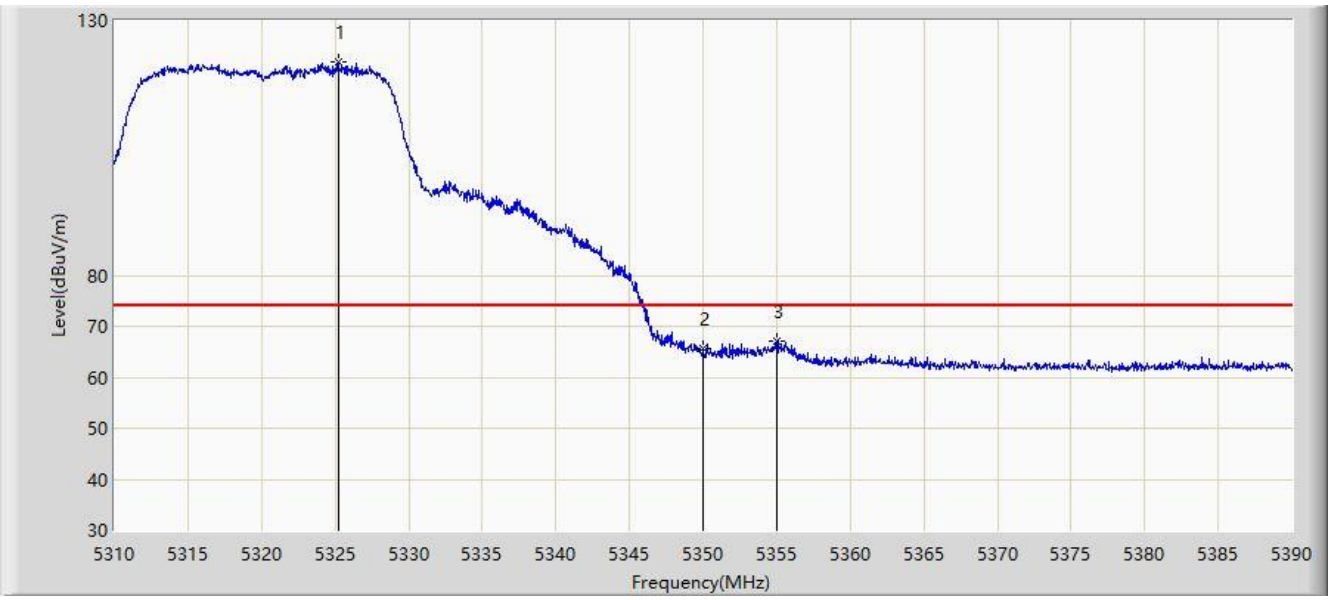
Site: WZ-AC1	Time: 2021/04/19 - 11:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5326.880	97.248	91.788	N/A	N/A	5.460	AV
2			5350.000	48.813	43.039	-5.187	54.000	5.774	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

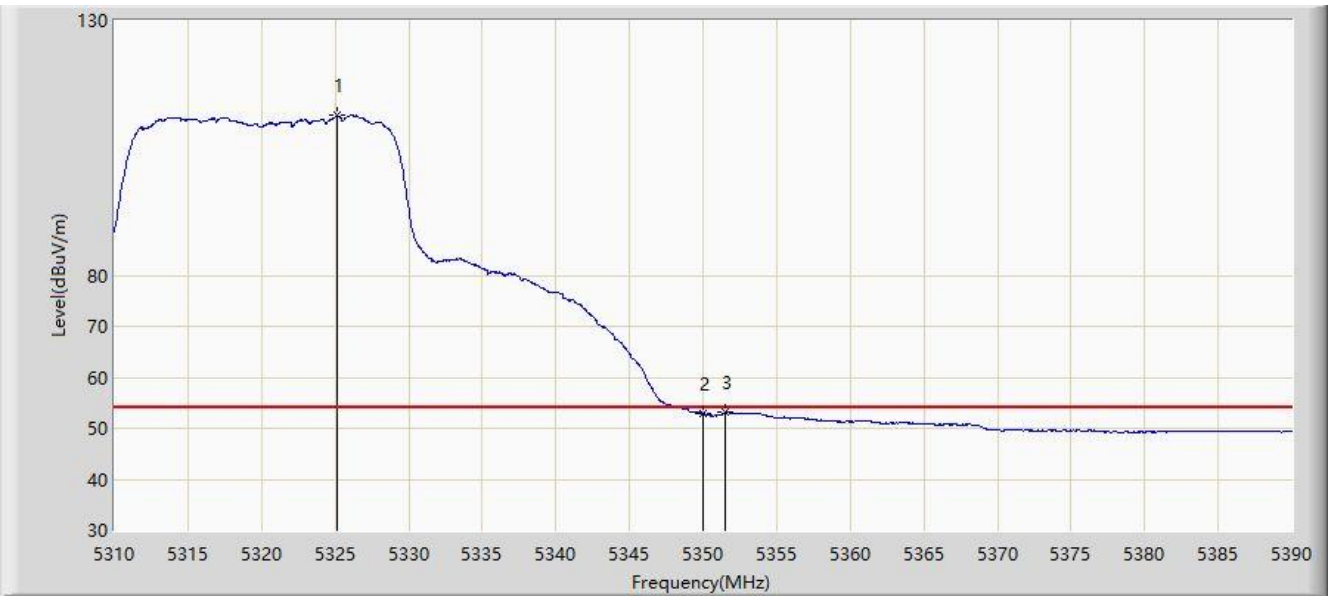


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5325.240	121.885	116.465	N/A	N/A	5.421	PK
2			5350.000	65.753	59.979	-8.247	74.000	5.774	PK
3			5355.000	67.174	61.517	-6.826	74.000	5.657	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:09
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	

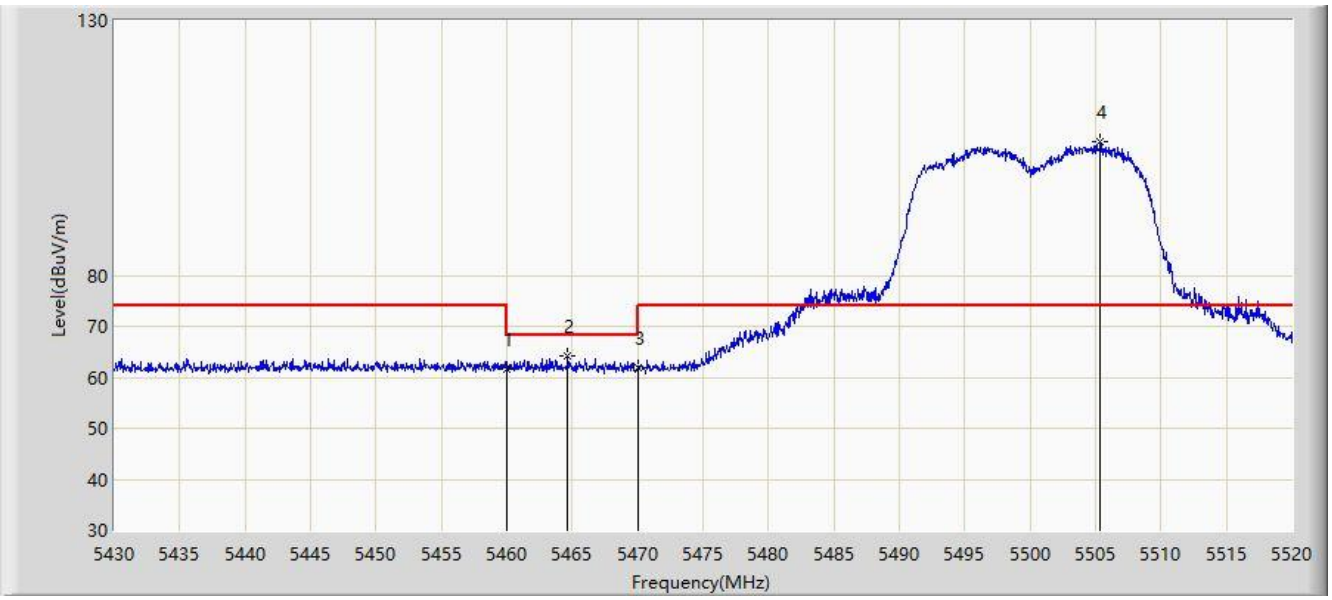


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5325.160	111.313	105.895	N/A	N/A	5.418	AV
2			5350.000	52.887	47.113	-1.113	54.000	5.774	AV
3			5351.520	53.133	47.388	-0.867	54.000	5.745	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:20
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

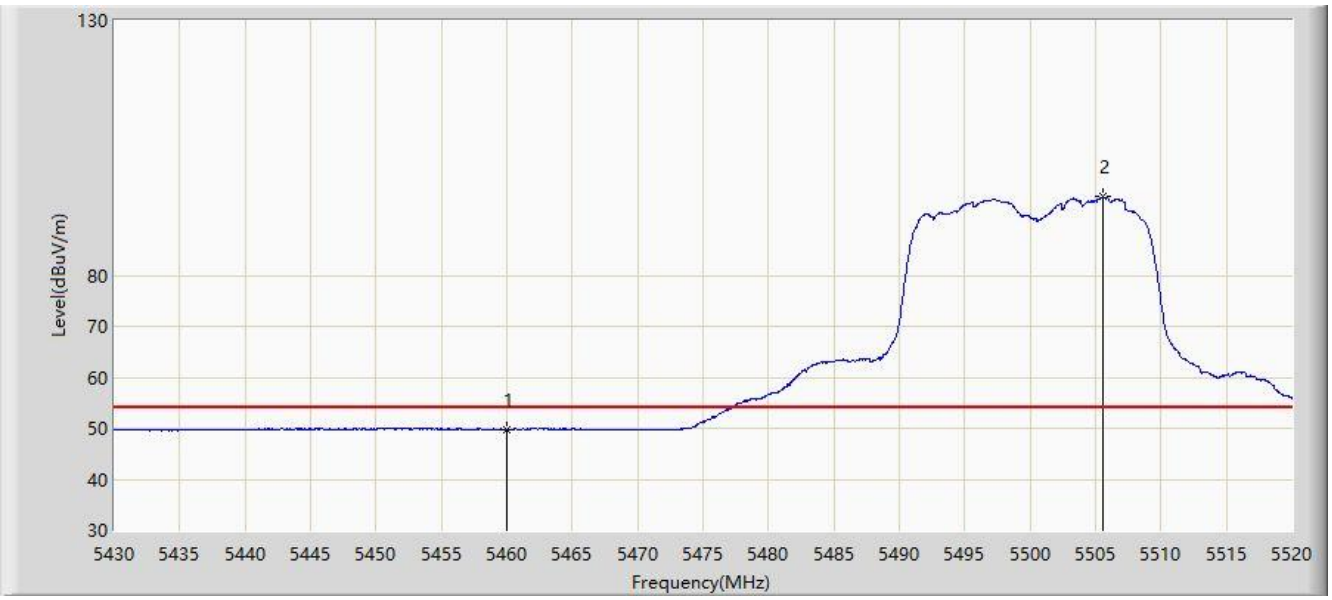


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	61.679	55.911	-12.321	74.000	5.768	PK
2			5464.650	64.236	58.502	-3.964	68.200	5.735	PK
3			5470.000	61.884	56.189	-6.316	68.200	5.695	PK
4		*	5505.330	106.215	100.492	N/A	N/A	5.723	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

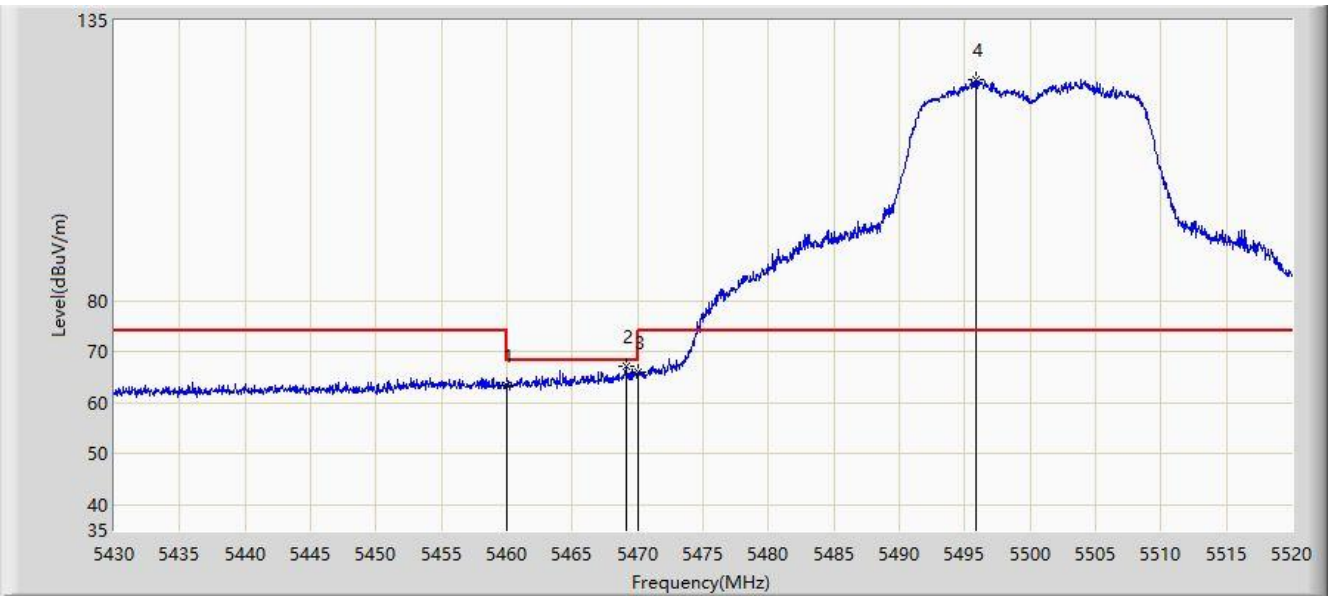


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	49.809	44.041	-4.191	54.000	5.768	AV
2		*	5505.555	95.377	89.655	N/A	N/A	5.722	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

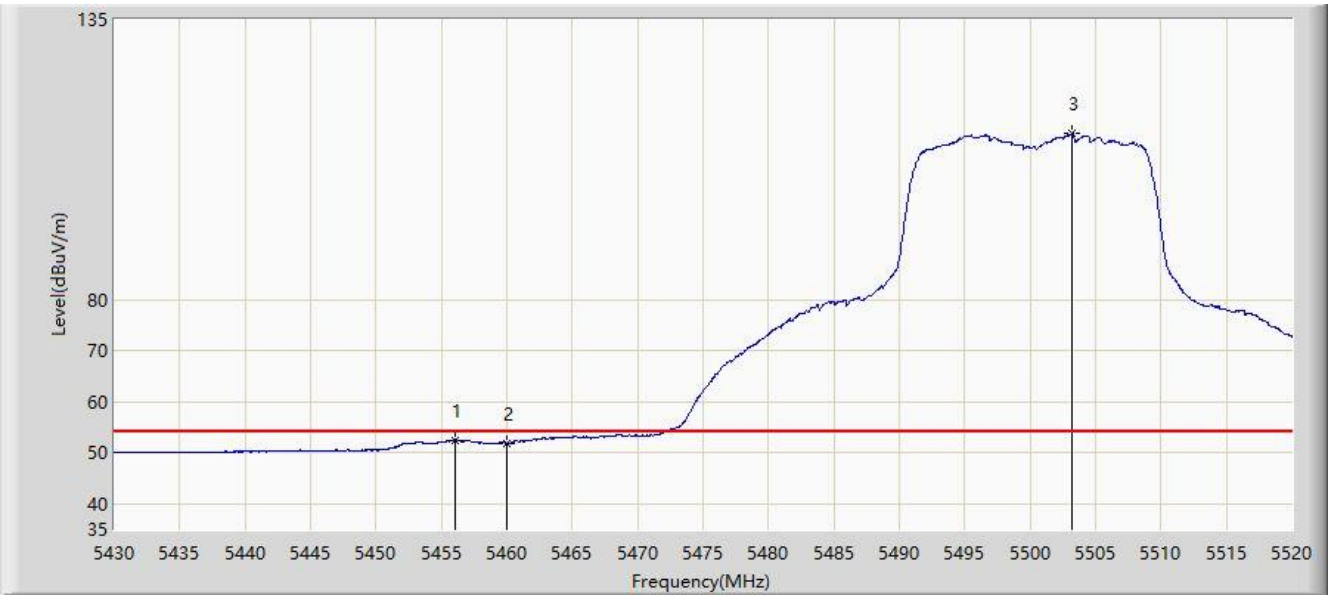


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	63.391	57.623	-10.609	74.000	5.768	PK
2			5469.105	67.241	61.539	-0.959	68.200	5.702	PK
3			5470.000	65.963	60.268	-2.237	68.200	5.695	PK
4		*	5495.835	123.415	117.751	N/A	N/A	5.664	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	

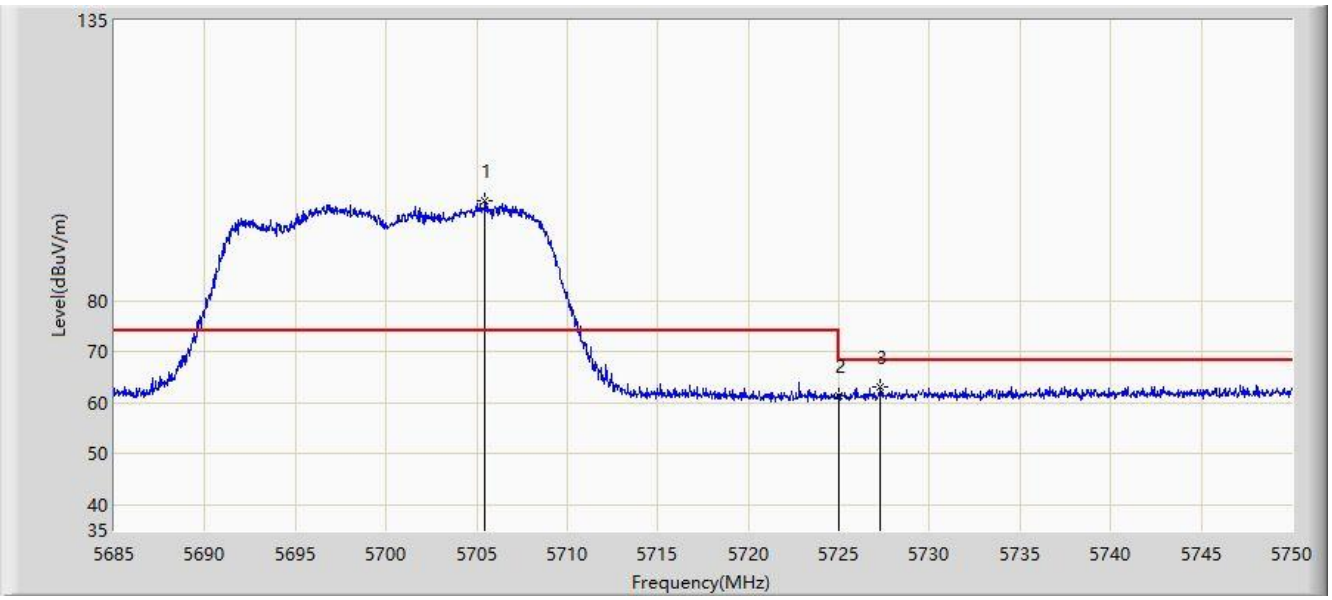


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5456.010	52.520	46.723	-1.480	54.000	5.797	AV
2			5460.000	51.943	46.175	-2.057	54.000	5.768	AV
3		*	5503.170	112.547	106.835	N/A	N/A	5.712	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:35
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz	

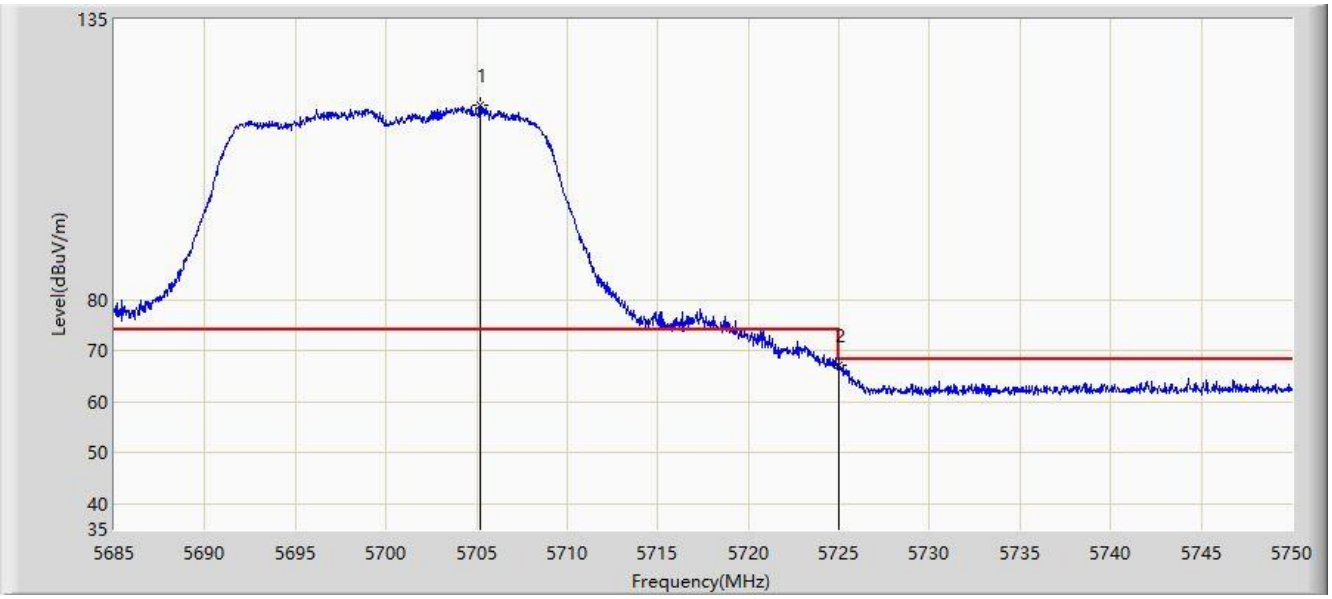


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5705.475	99.538	93.687	N/A	N/A	5.851	PK
2			5725.000	61.271	55.680	-6.929	68.200	5.591	PK
3			5727.283	63.243	57.623	-4.957	68.200	5.620	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:37
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz	

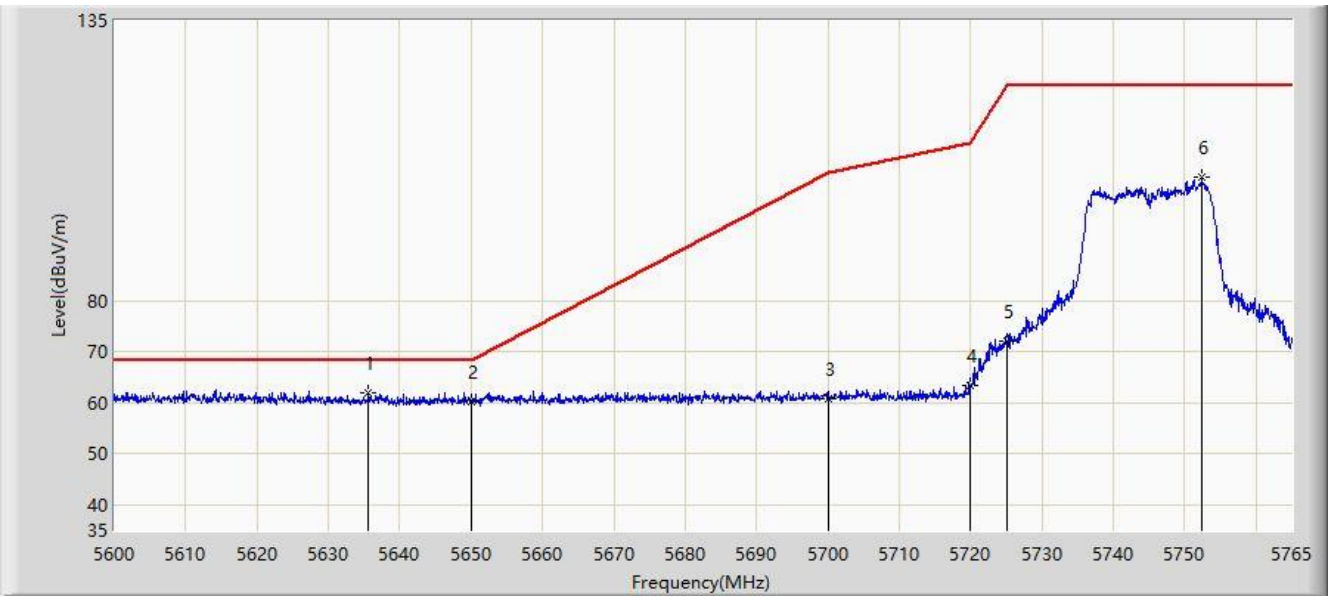


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5705.183	118.189	112.334	N/A	N/A	5.855	PK
2			5725.000	67.081	61.490	-1.119	68.200	5.591	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:39
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz	

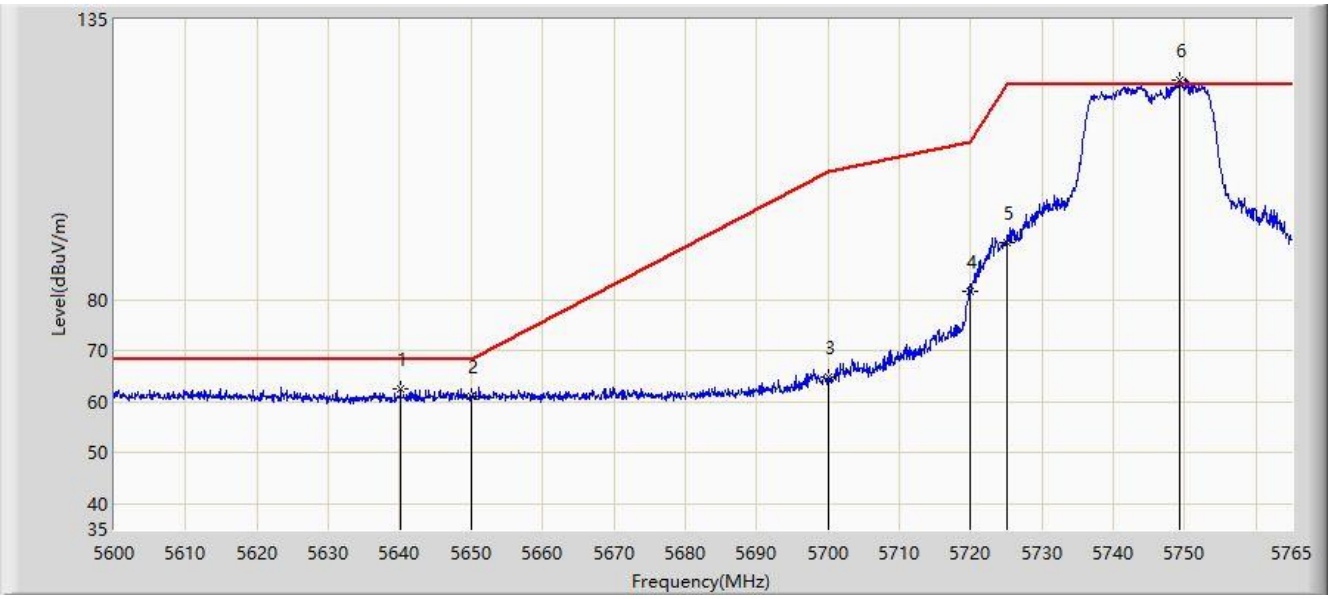


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5635.640	62.087	56.613	-6.113	68.200	5.473	PK
2			5650.000	60.235	54.699	-7.965	68.200	5.536	PK
3			5700.000	60.664	54.861	-44.536	105.200	5.803	PK
4			5720.000	63.407	57.779	-47.393	110.800	5.629	PK
5			5725.000	72.047	66.456	-50.153	122.200	5.591	PK
6			5752.377	104.322	98.282	N/A	N/A	6.040	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:41
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz	

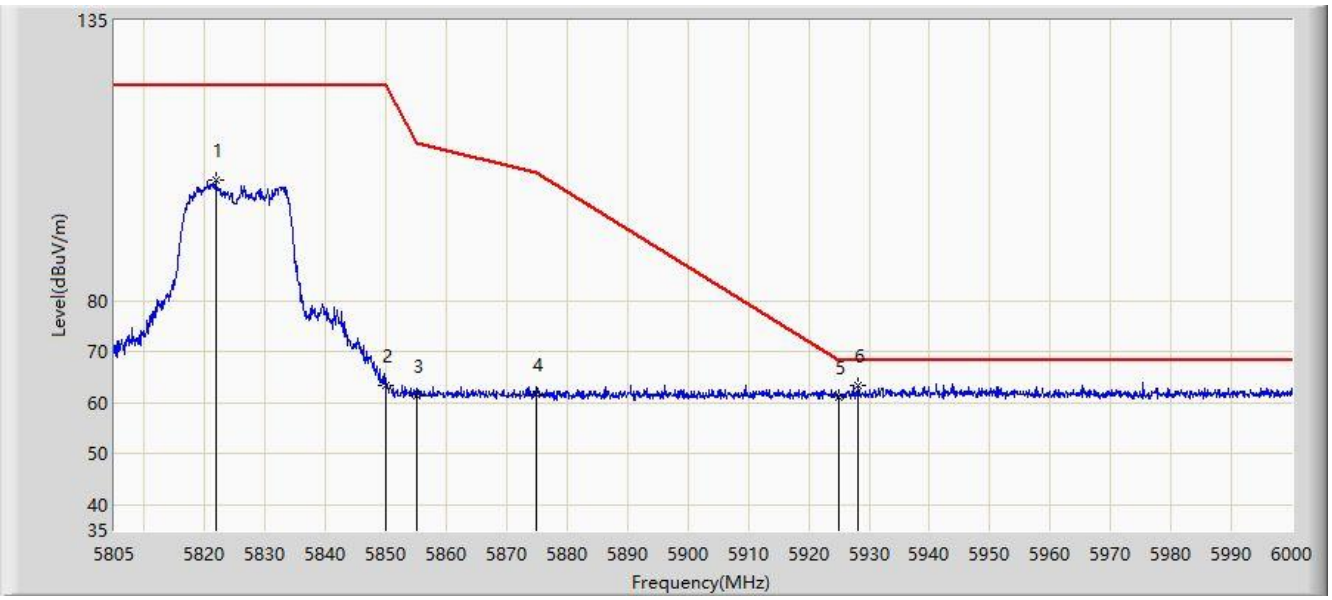


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5640.095	62.403	56.938	-5.797	68.200	5.466	PK
2			5650.000	61.164	55.628	-7.036	68.200	5.536	PK
3			5700.000	64.732	58.929	-40.468	105.200	5.803	PK
4			5720.000	81.799	76.171	-29.001	110.800	5.629	PK
5			5725.000	91.115	85.524	-31.085	122.200	5.591	PK
6		*	5749.325	123.078	117.087	N/A	N/A	5.992	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:41
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	

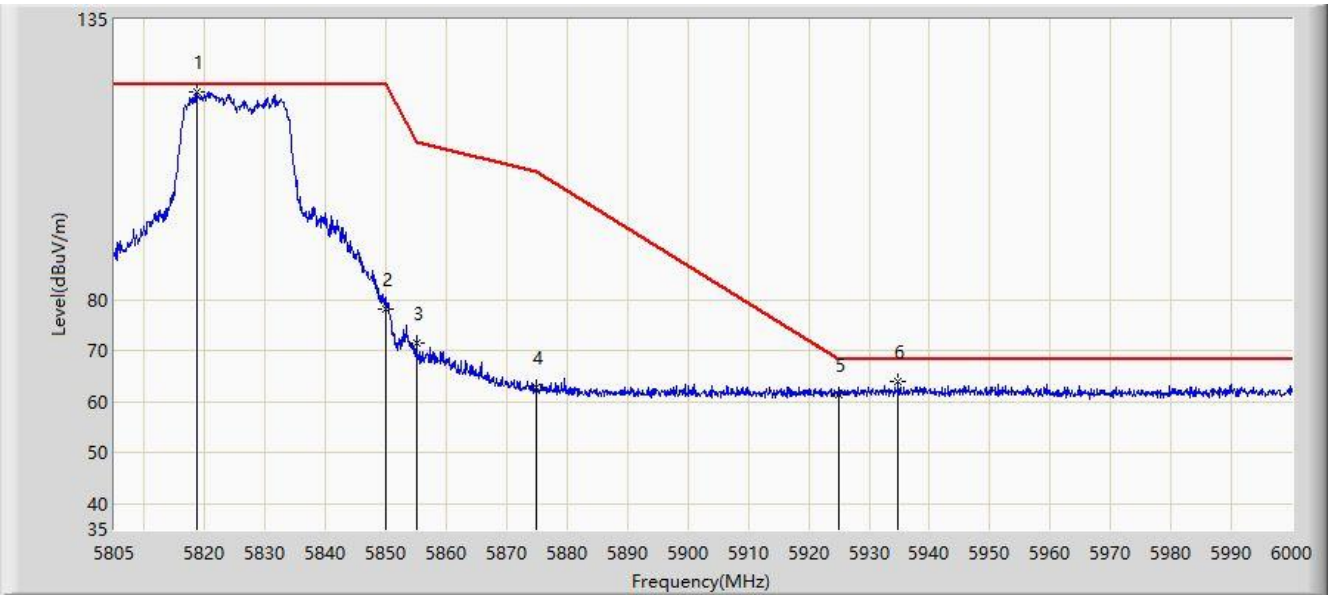


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5821.868	103.666	97.696	N/A	N/A	5.970	PK
2			5850.000	63.315	57.353	-58.885	122.200	5.961	PK
3			5855.000	61.428	55.422	-49.372	110.800	6.007	PK
4			5875.000	61.710	55.645	-43.490	105.200	6.065	PK
5			5925.000	61.171	54.999	-7.029	68.200	6.173	PK
6		*	5928.240	63.418	57.188	-4.782	68.200	6.230	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:43
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	

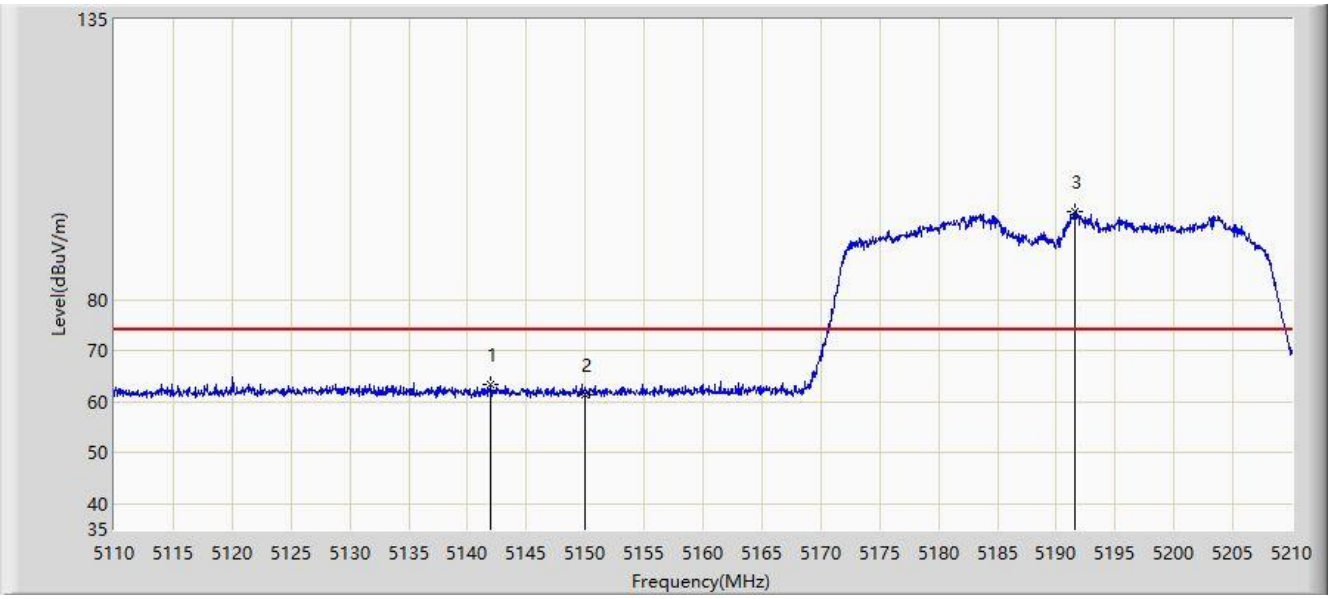


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5818.650	120.786	114.839	N/A	N/A	5.946	PK
2			5850.000	78.138	72.176	-44.062	122.200	5.961	PK
3			5855.000	71.644	65.638	-39.156	110.800	6.007	PK
4			5875.000	62.712	56.647	-42.488	105.200	6.065	PK
5			5925.000	61.441	55.269	-6.759	68.200	6.173	PK
6			5934.870	64.009	57.714	-4.191	68.200	6.296	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

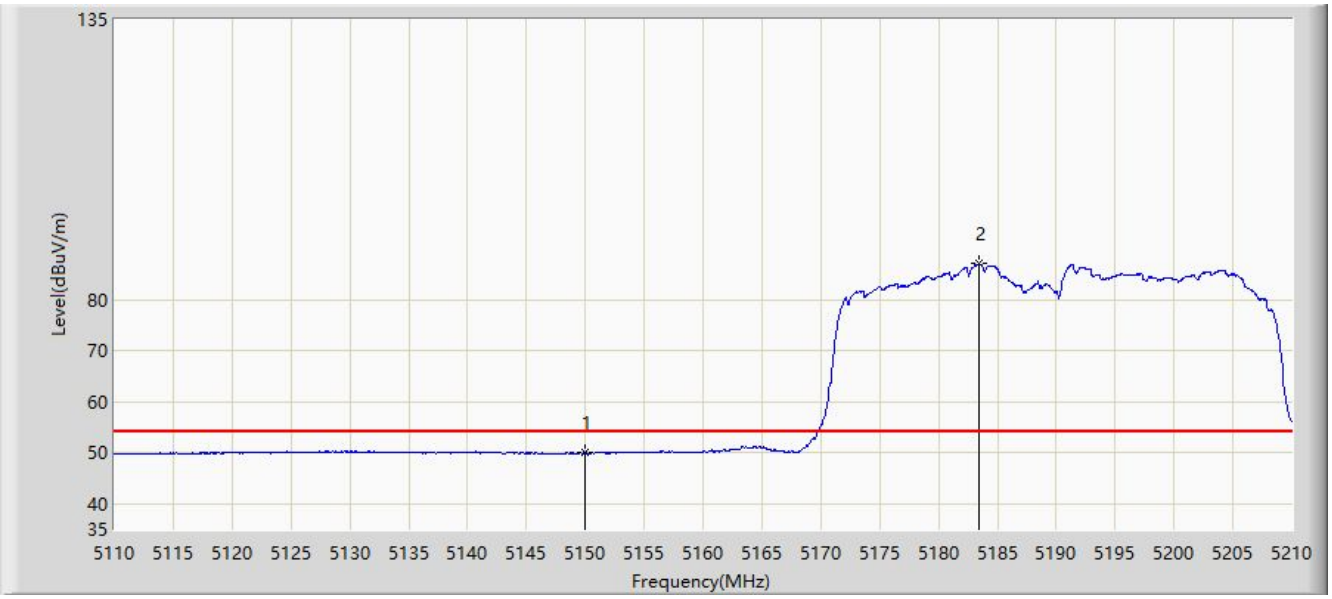


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5142.000	63.473	57.844	-10.527	74.000	5.629	PK
2			5150.000	61.420	55.887	-12.580	74.000	5.534	PK
3		*	5191.550	97.281	91.535	N/A	N/A	5.746	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

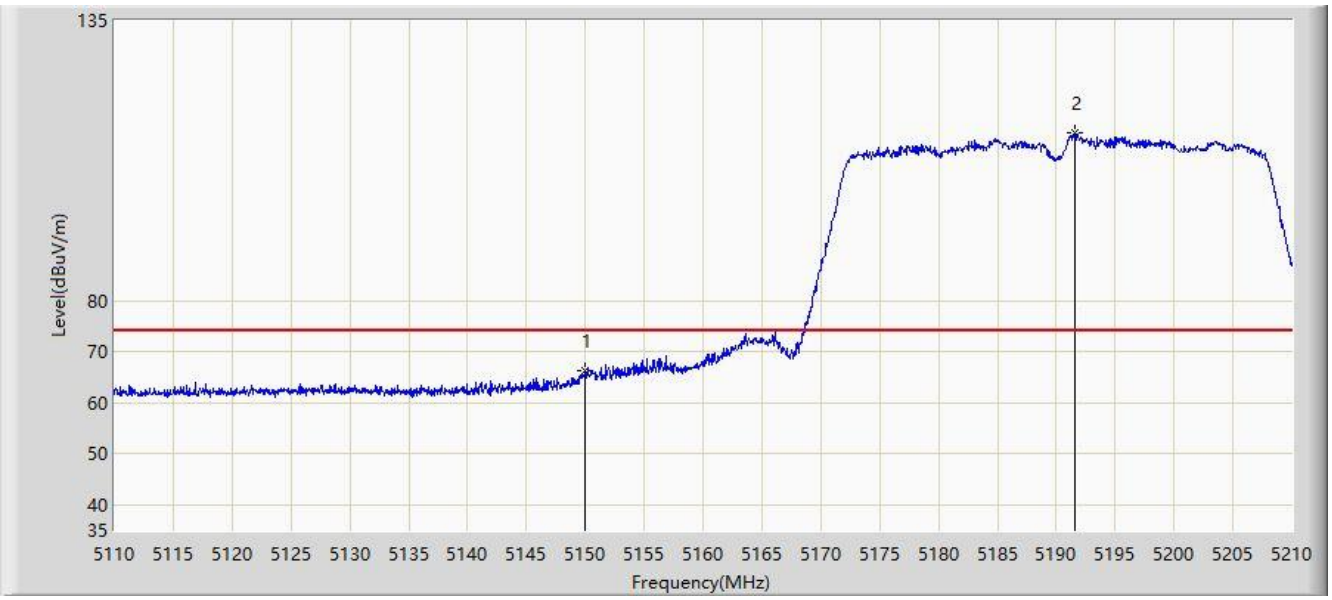


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	49.937	44.404	-4.063	54.000	5.534	AV
2		*	5183.450	87.029	81.256	N/A	N/A	5.773	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:57
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

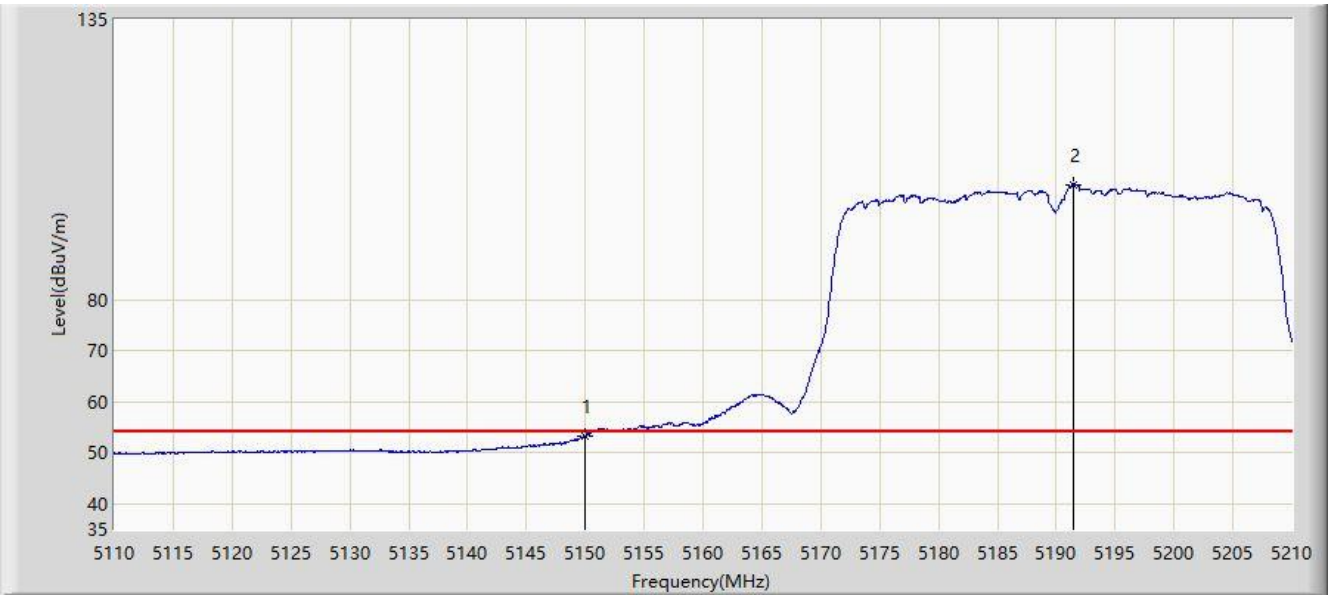


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	66.247	60.714	-7.753	74.000	5.534	PK
2		*	5191.550	113.040	107.294	N/A	N/A	5.746	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 11:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	

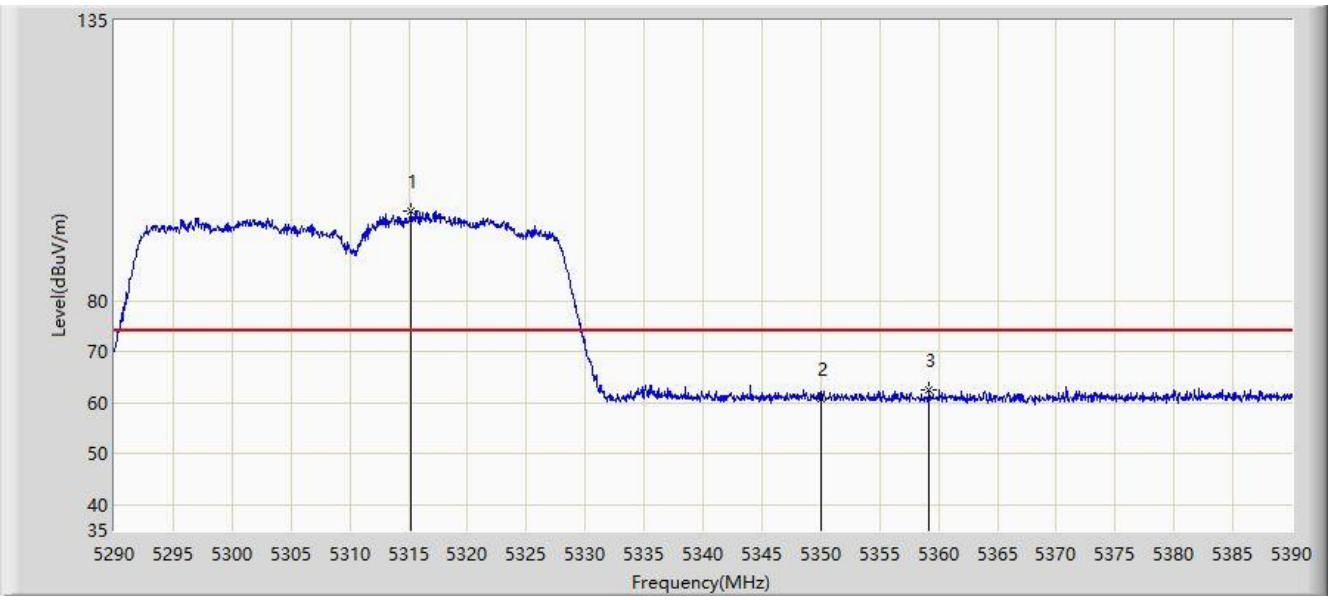


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	53.243	47.710	-0.757	54.000	5.534	AV
2		*	5191.400	102.655	96.908	N/A	N/A	5.747	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

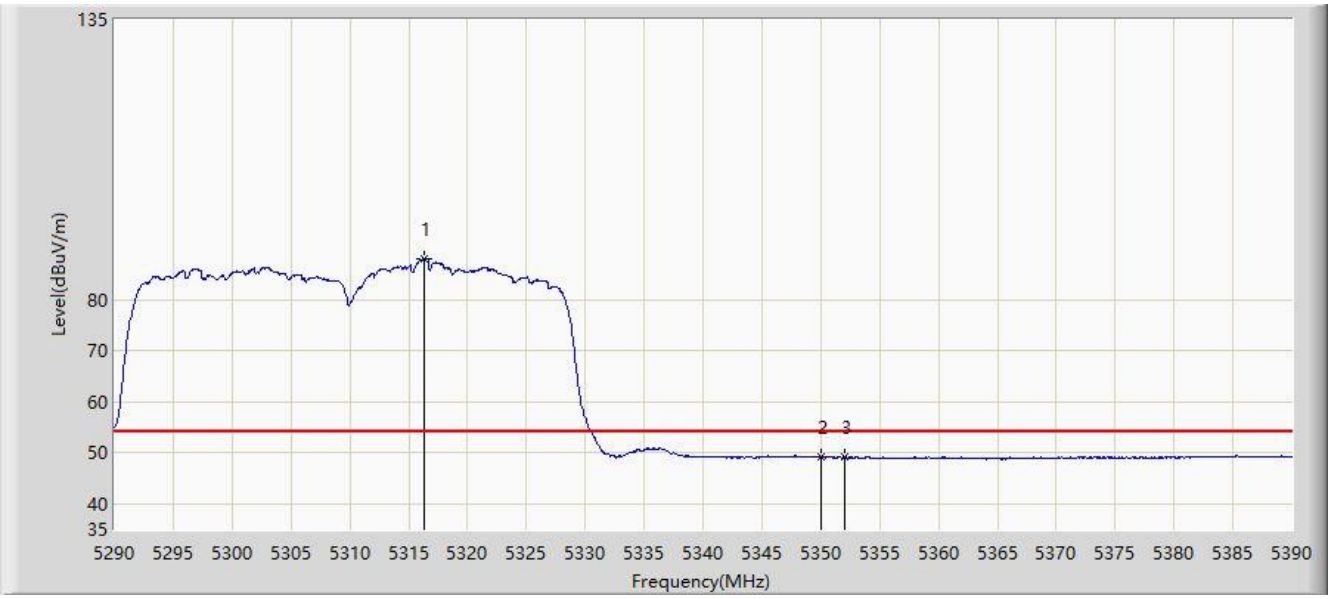


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5315.250	97.607	92.412	N/A	N/A	5.195	PK
2			5350.000	60.919	55.145	-13.081	74.000	5.774	PK
3			5359.200	62.644	57.098	-11.356	74.000	5.545	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

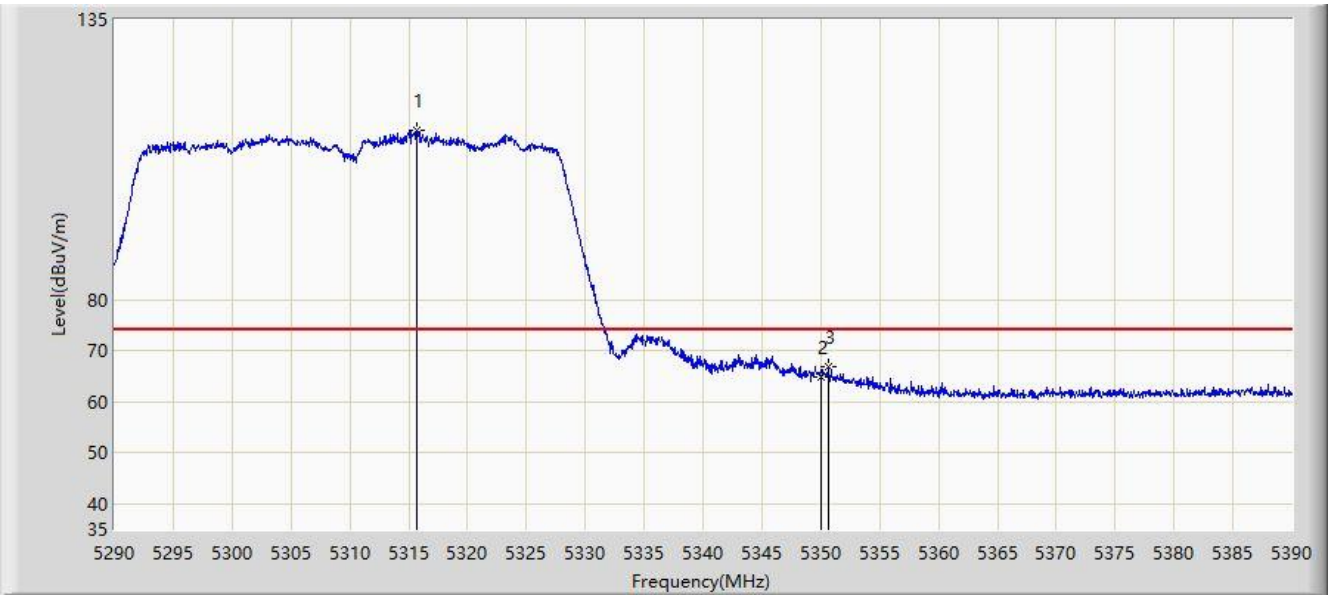


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5316.300	88.047	82.833	N/A	N/A	5.214	AV
2			5350.000	49.156	43.382	-4.844	54.000	5.774	AV
3			5352.000	49.239	43.503	-4.761	54.000	5.736	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

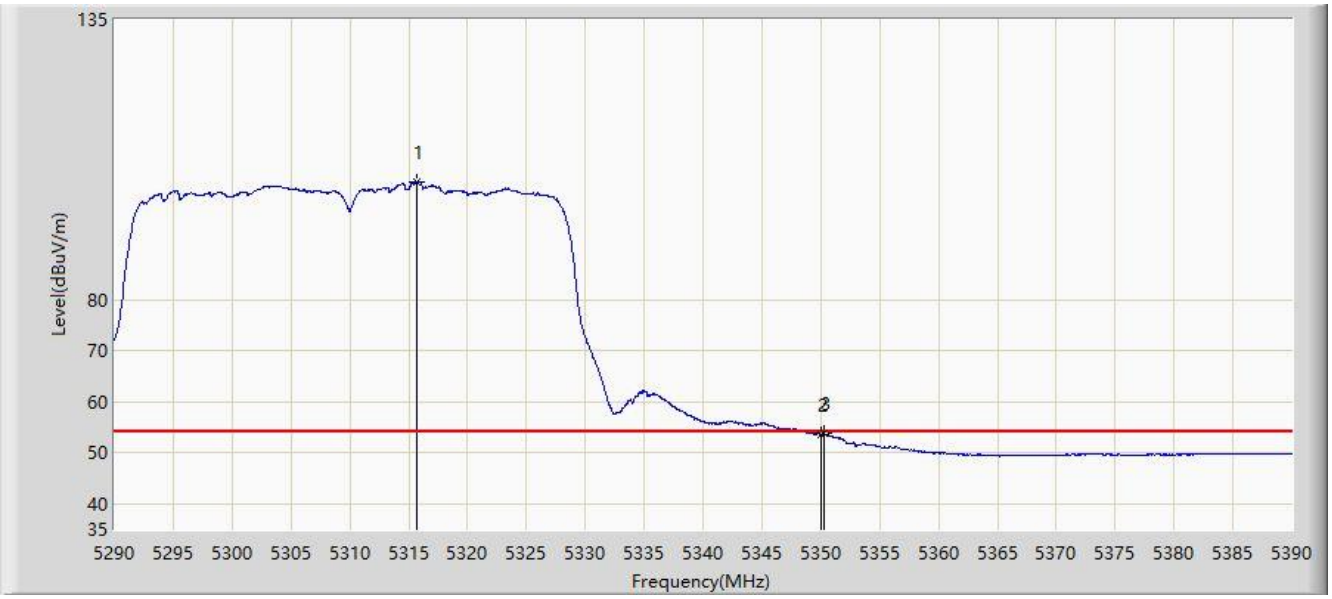


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5315.650	113.263	108.061	N/A	N/A	5.202	PK
2			5350.000	64.801	59.027	-9.199	74.000	5.774	PK
3			5350.600	66.918	61.155	-7.082	74.000	5.763	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:33
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	

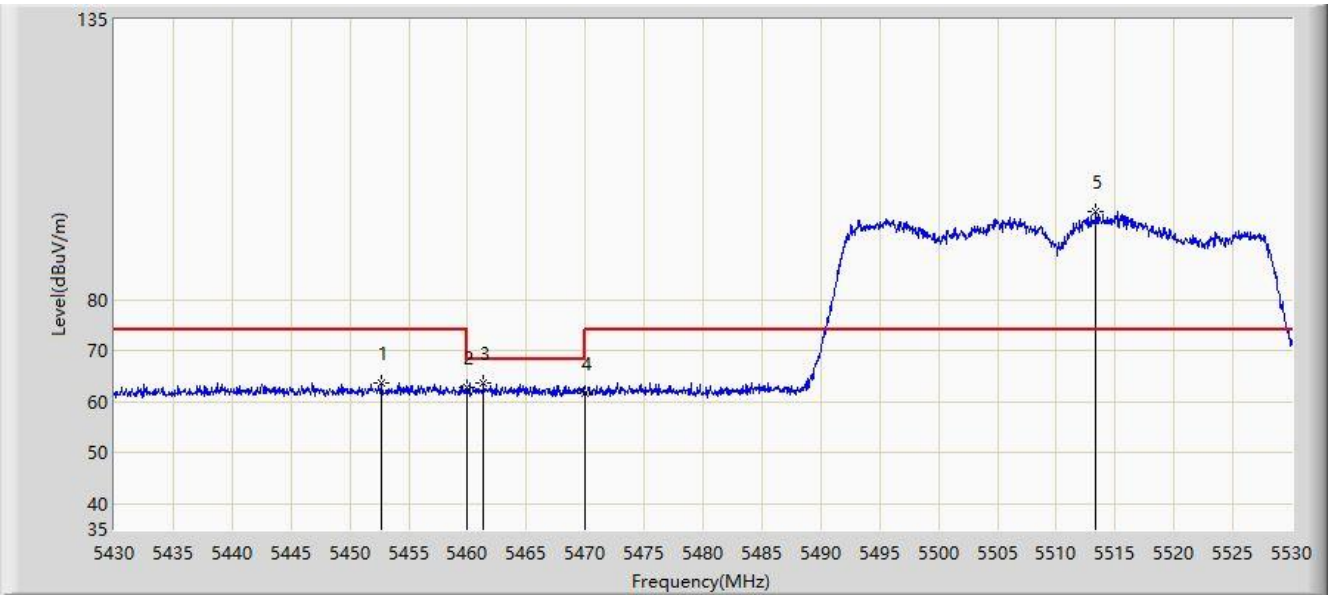


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5315.650	103.205	98.003	N/A	N/A	5.202	AV
2			5350.000	53.609	47.835	-0.391	54.000	5.774	AV
3			5350.250	53.813	55.262	-0.187	54.000	-1.448	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:42
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

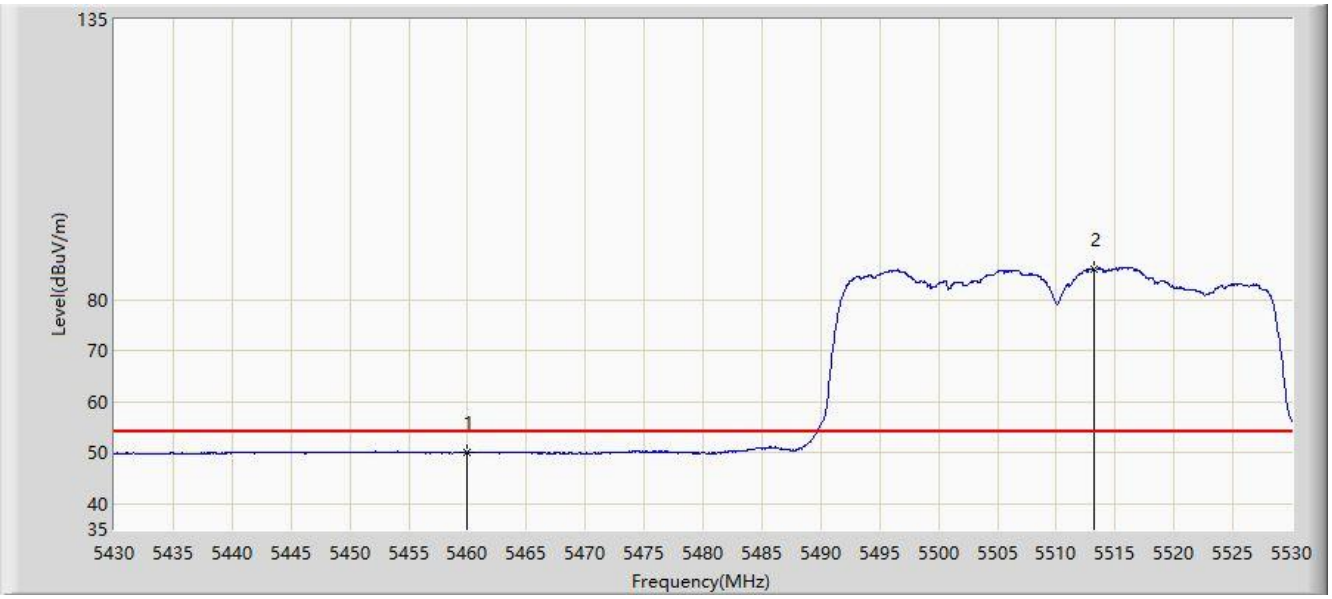


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5452.700	63.782	57.971	-10.218	74.000	5.810	PK
2			5460.000	62.930	57.162	-11.070	74.000	5.768	PK
3			5461.350	63.602	57.844	-4.598	68.200	5.759	PK
4			5470.000	61.787	56.092	-6.413	68.200	5.695	PK
5		*	5513.350	97.217	91.462	N/A	N/A	5.755	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:44
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

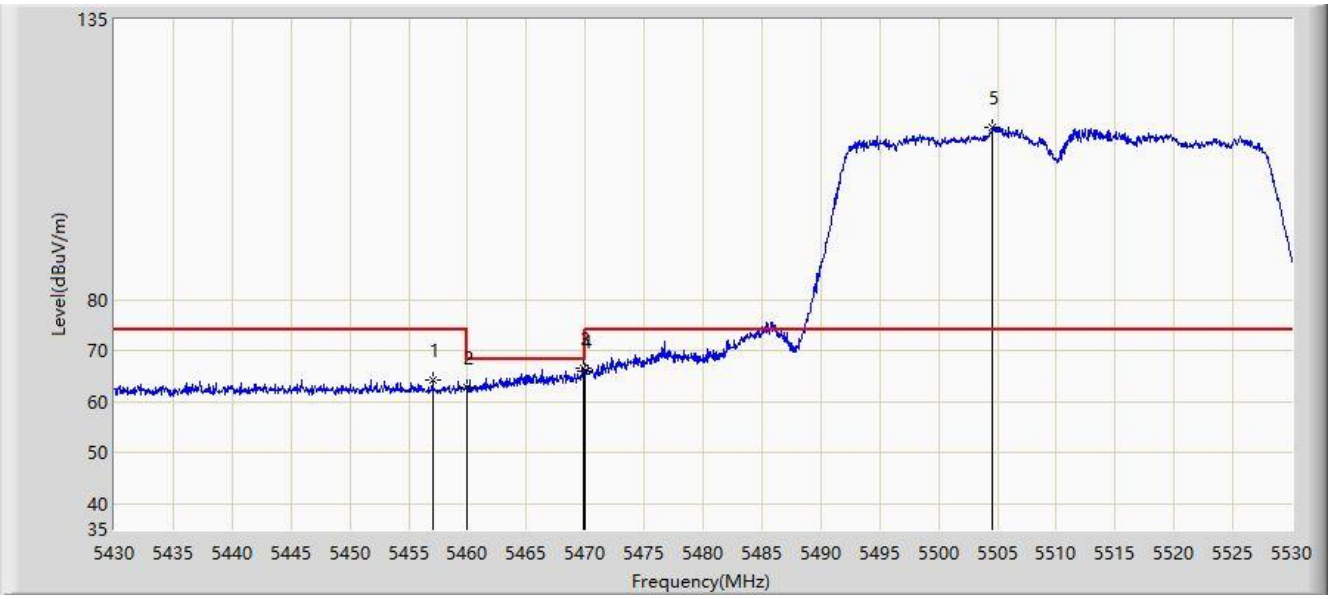


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	49.958	44.190	-4.042	54.000	5.768	AV
2		*	5513.250	86.100	80.345	N/A	N/A	5.754	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

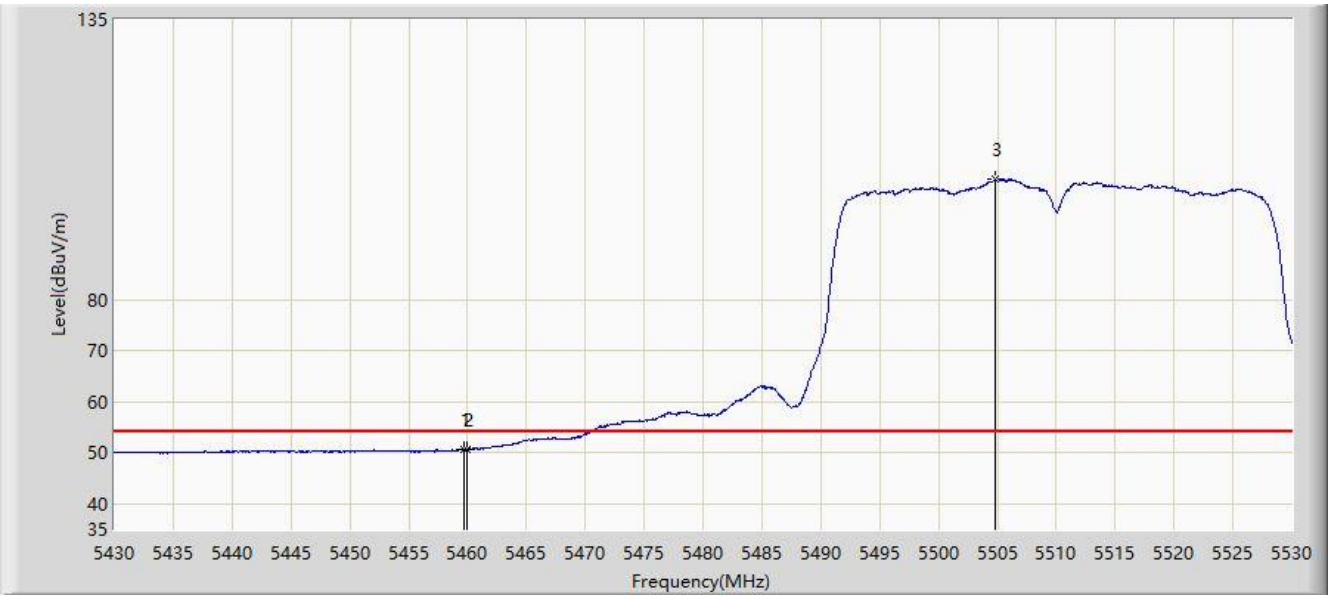


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5457.050	64.364	58.574	-9.636	74.000	5.789	PK
2			5460.000	62.785	57.017	-11.215	74.000	5.768	PK
3			5469.800	66.505	60.808	-1.695	68.200	5.697	PK
4			5470.000	66.092	60.397	-2.108	68.200	5.695	PK
5		*	5504.550	113.768	108.047	N/A	N/A	5.720	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:46
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	

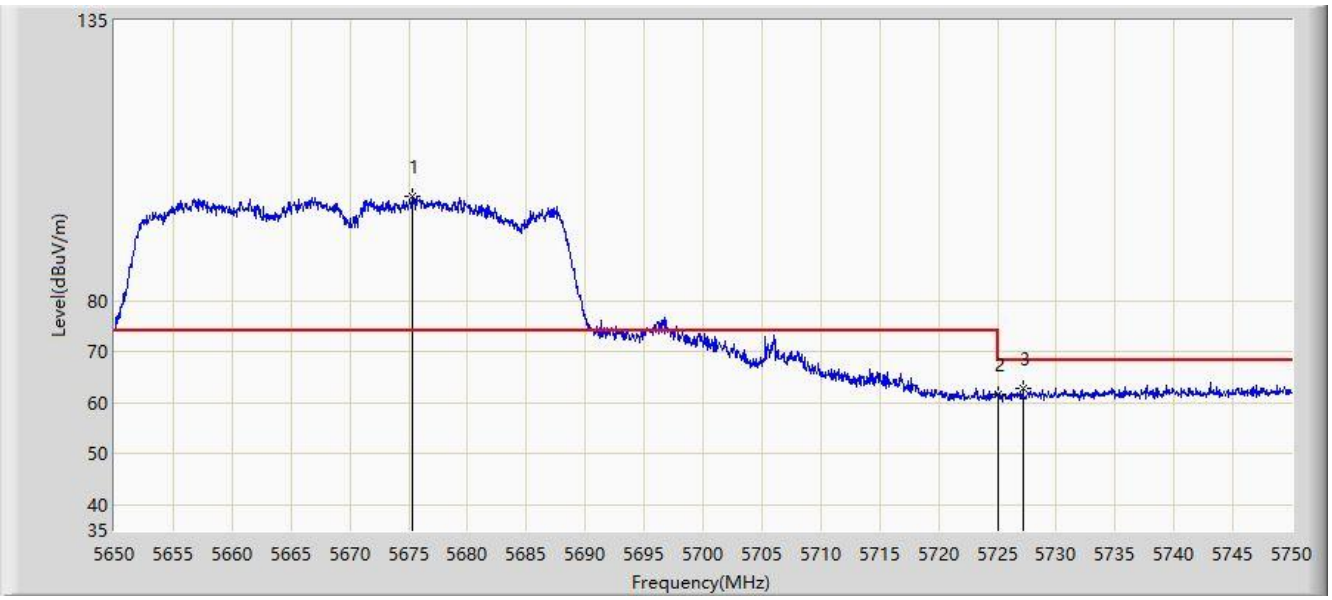


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.650	50.762	44.991	-3.238	54.000	5.770	AV
2			5460.000	50.652	44.884	-3.348	54.000	5.768	AV
3		*	5504.850	103.567	97.844	N/A	N/A	5.723	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz	

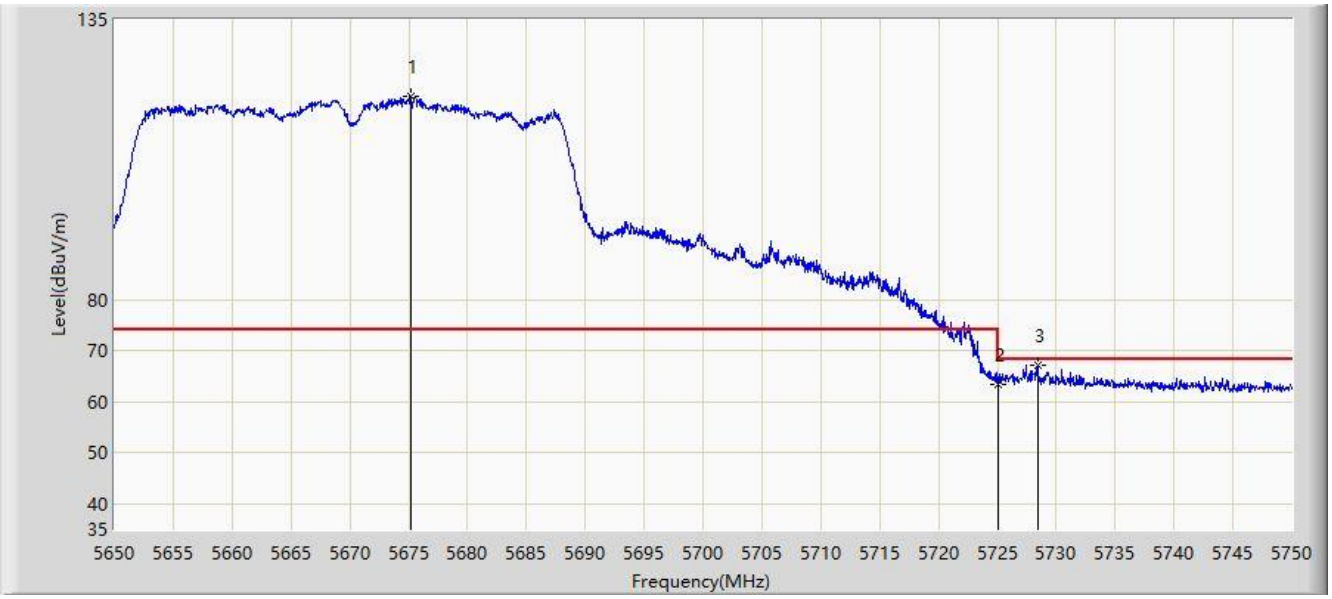


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5675.300	100.584	94.896	N/A	N/A	5.688	PK
2			5725.000	61.525	55.934	-6.675	68.200	5.591	PK
3			5727.200	62.930	57.311	-5.270	68.200	5.618	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz	

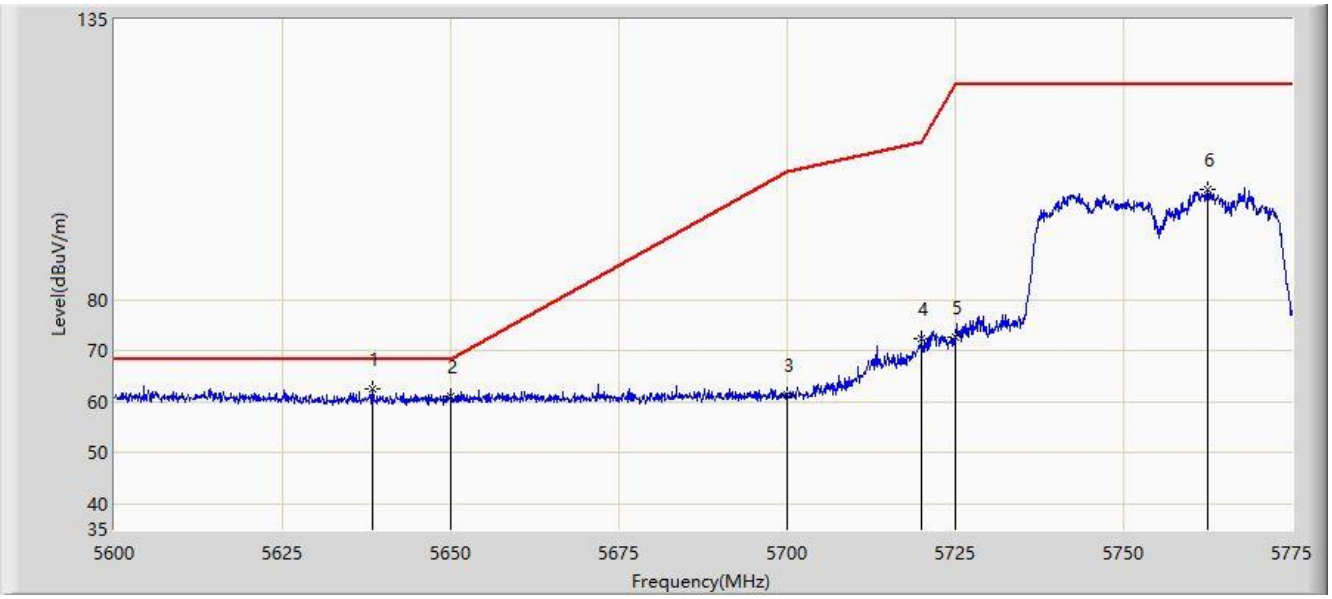


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5675.150	119.997	114.308	N/A	N/A	5.689	PK
2			5725.000	63.435	57.844	-4.765	68.200	5.591	PK
3			5728.400	67.308	61.668	-0.892	68.200	5.640	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:56
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz	

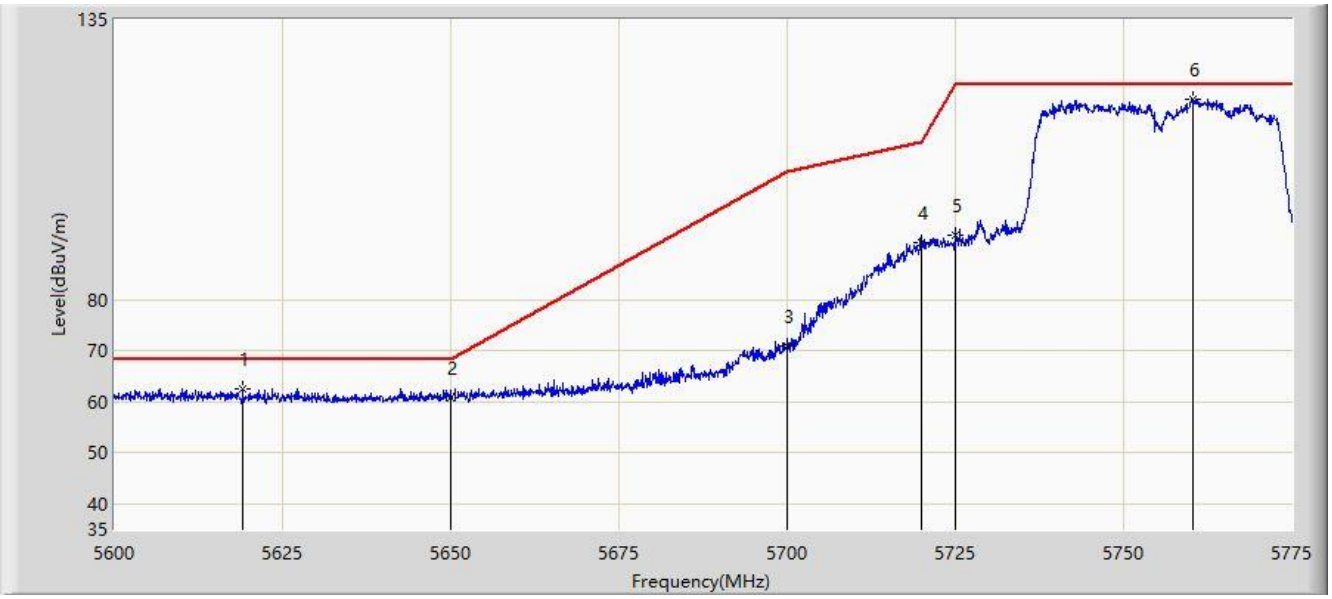


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5638.413	62.519	57.051	-5.681	68.200	5.468	PK
2			5650.000	60.956	55.420	-7.244	68.200	5.536	PK
3			5700.000	61.370	55.567	-43.830	105.200	5.803	PK
4			5720.000	72.287	66.659	-38.513	110.800	5.629	PK
5			5725.000	72.678	67.087	-49.522	122.200	5.591	PK
6			5762.400	101.679	95.573	N/A	N/A	6.105	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 13:58
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz	

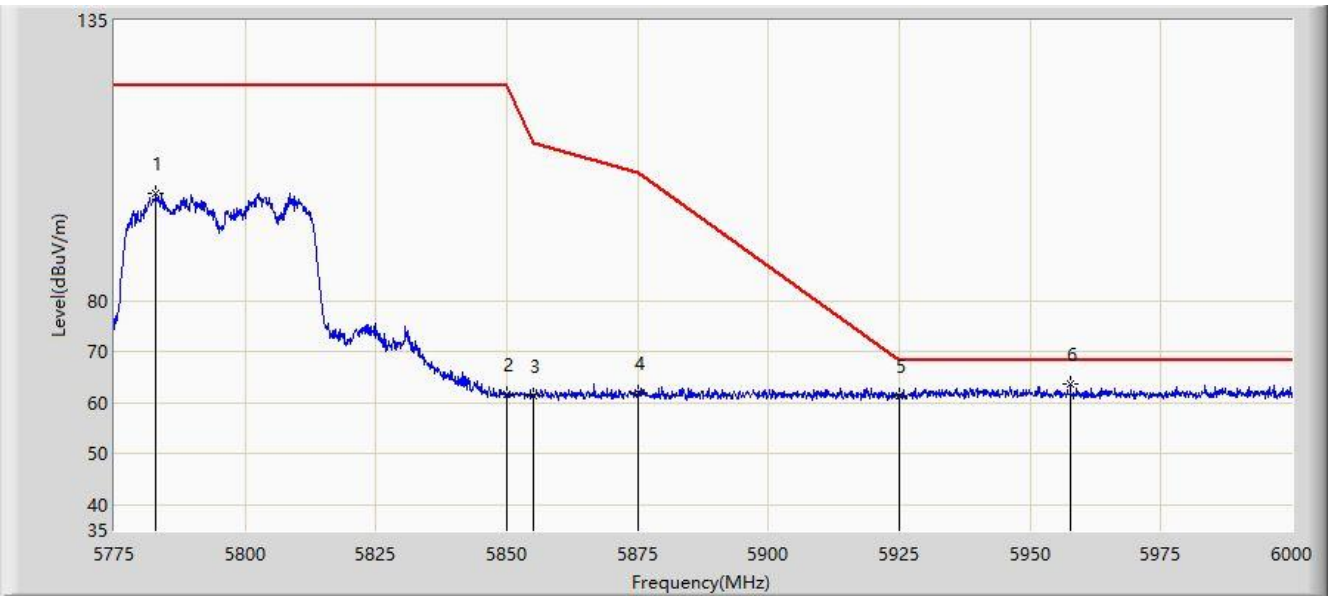


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5619.075	62.572	56.679	-5.628	68.200	5.893	PK
2			5650.000	60.838	55.302	-7.362	68.200	5.536	PK
3			5700.000	71.068	65.265	-34.132	105.200	5.803	PK
4			5720.000	91.114	85.486	-19.686	110.800	5.629	PK
5			5725.000	92.537	86.946	-29.663	122.200	5.591	PK
6		*	5760.300	119.338	113.202	N/A	N/A	6.136	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:00
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz	

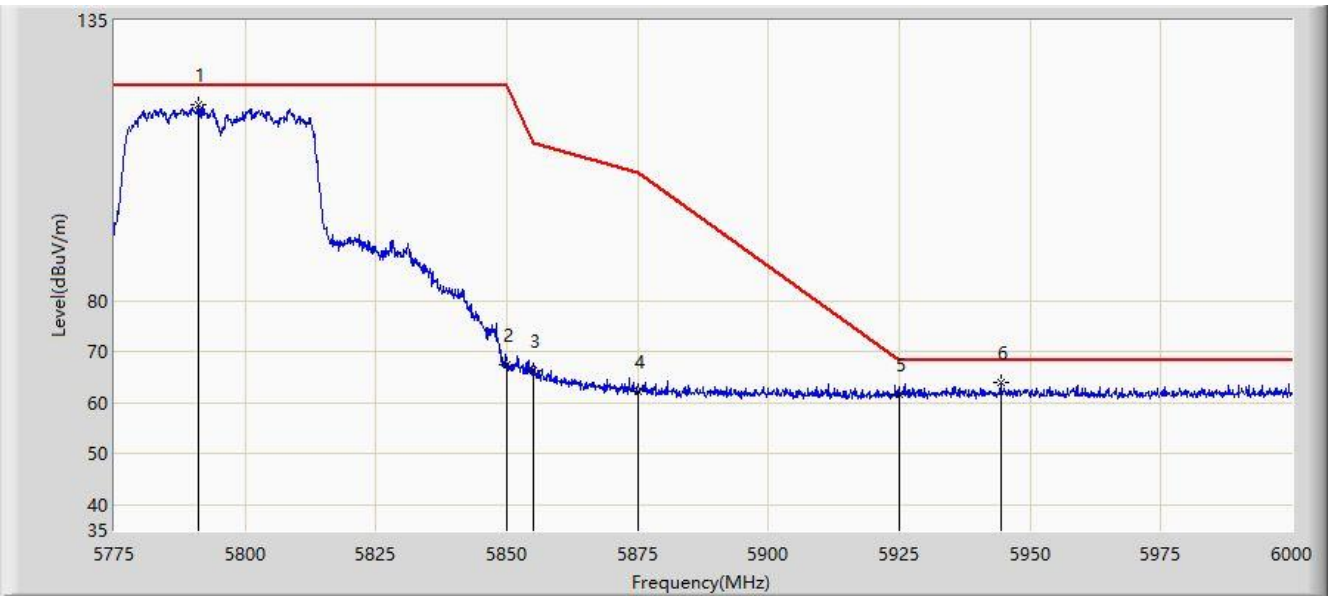


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5782.987	101.095	95.212	N/A	N/A	5.882	PK
2			5850.000	61.650	55.688	-60.550	122.200	5.961	PK
3			5855.000	61.249	55.243	-49.551	110.800	6.007	PK
4			5875.000	62.016	55.951	-43.184	105.200	6.065	PK
5			5925.000	61.331	55.159	-6.869	68.200	6.173	PK
6		*	5957.700	63.623	57.520	-4.577	68.200	6.103	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:04
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz	

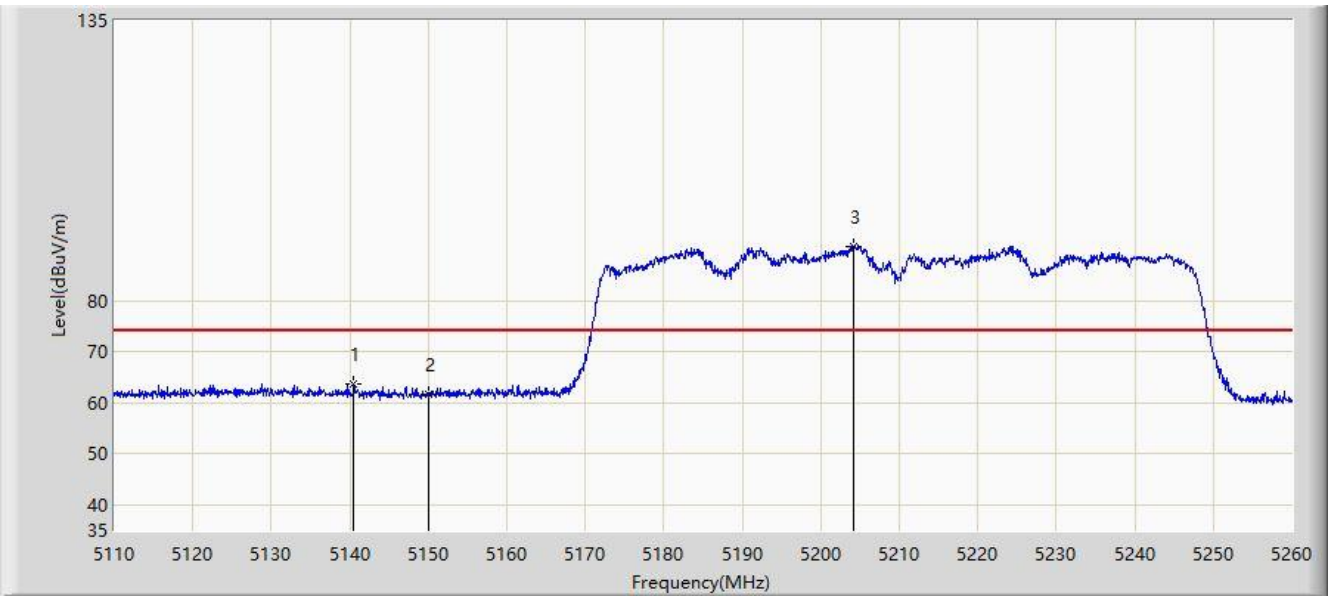


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5790.975	118.443	112.580	N/A	N/A	5.863	PK
2			5850.000	67.546	61.584	-54.654	122.200	5.961	PK
3			5855.000	66.322	60.316	-44.478	110.800	6.007	PK
4			5875.000	62.112	62.970	-43.088	105.200	-0.858	PK
5			5925.000	61.746	55.574	-6.454	68.200	6.173	PK
6			5944.425	63.852	57.599	-4.348	68.200	6.252	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:22
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

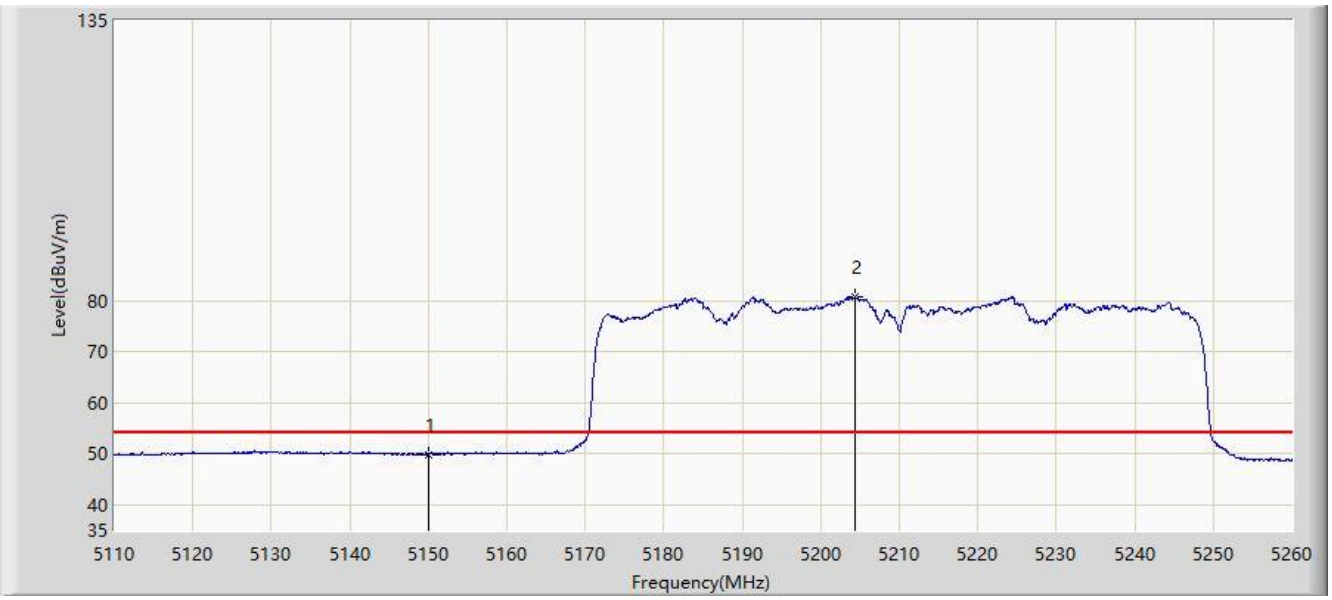


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5140.525	63.643	57.990	-10.357	74.000	5.653	PK
2			5150.000	61.772	56.239	-12.228	74.000	5.534	PK
3		*	5204.125	90.788	85.143	N/A	N/A	5.646	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

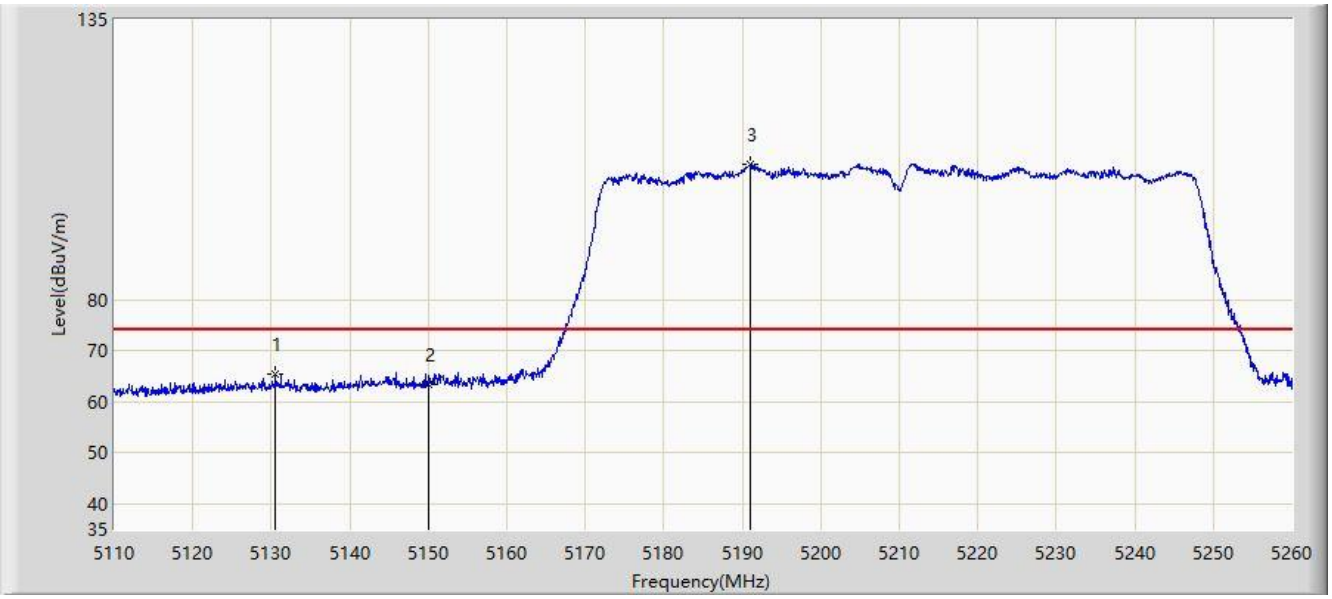


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	49.878	44.345	-4.122	54.000	5.534	AV
2		*	5204.425	80.853	75.214	N/A	N/A	5.639	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:24
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

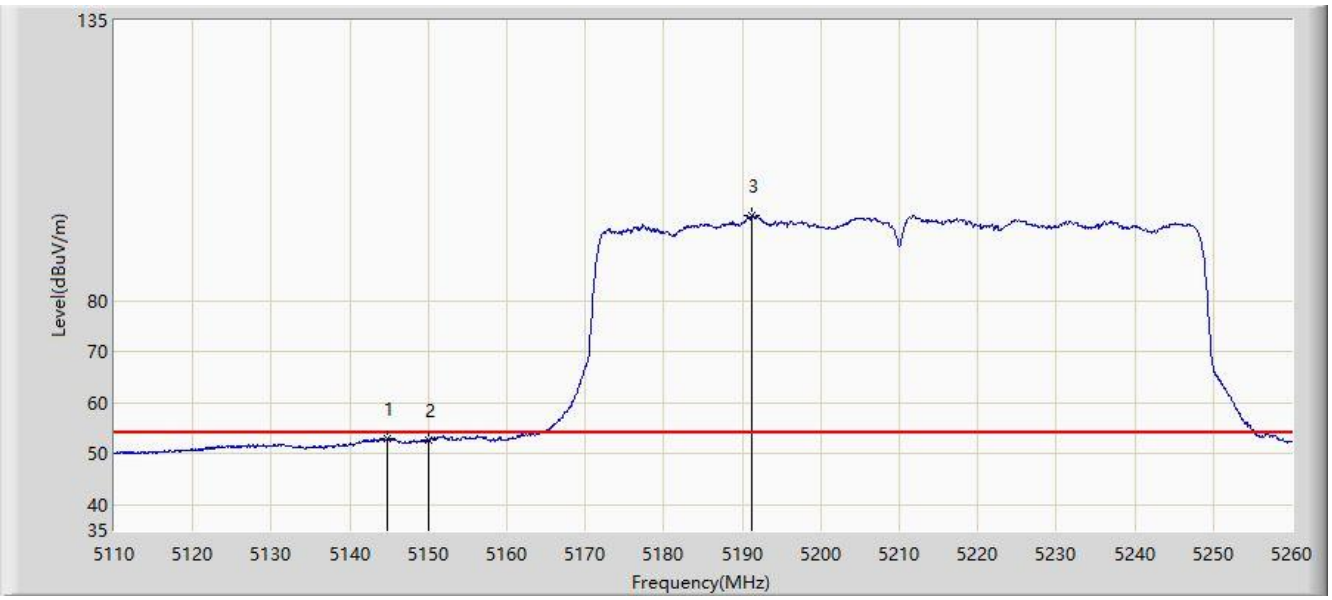


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5130.475	65.531	59.714	-8.469	74.000	5.817	PK
2			5150.000	63.379	57.846	-10.621	74.000	5.534	PK
3		*	5191.000	106.598	100.850	N/A	N/A	5.748	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	

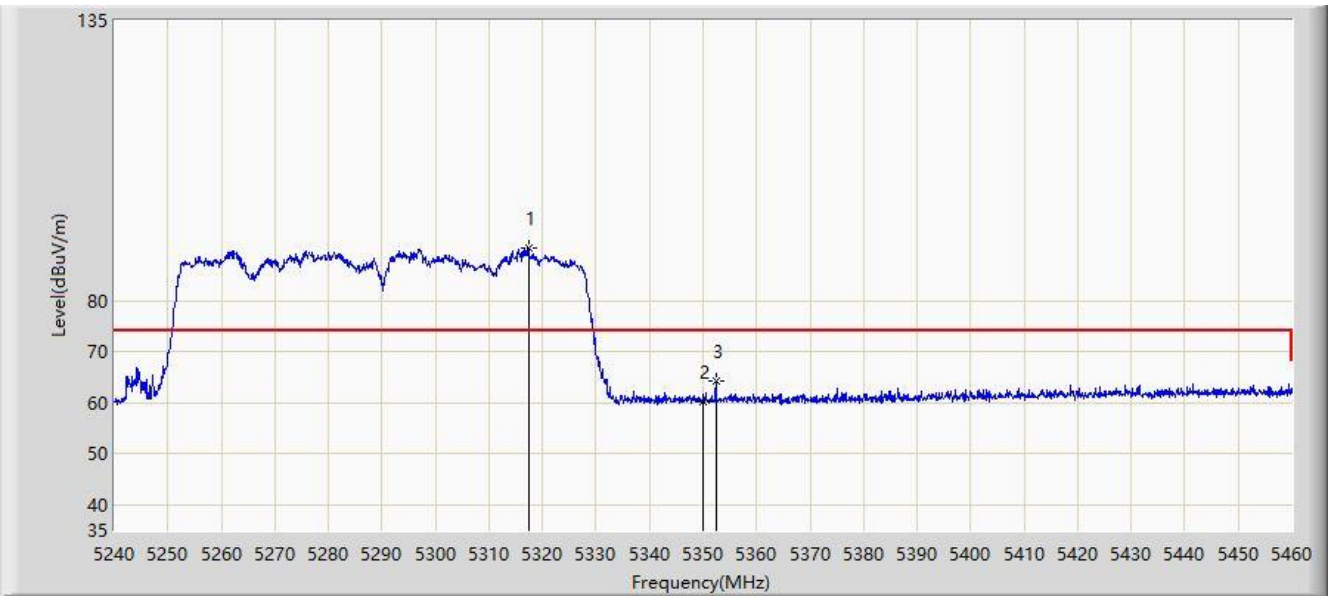


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5144.800	53.060	47.476	-0.940	54.000	5.584	AV
2			5150.000	52.601	47.068	-1.399	54.000	5.534	AV
3		*	5191.225	96.673	90.925	N/A	N/A	5.748	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	

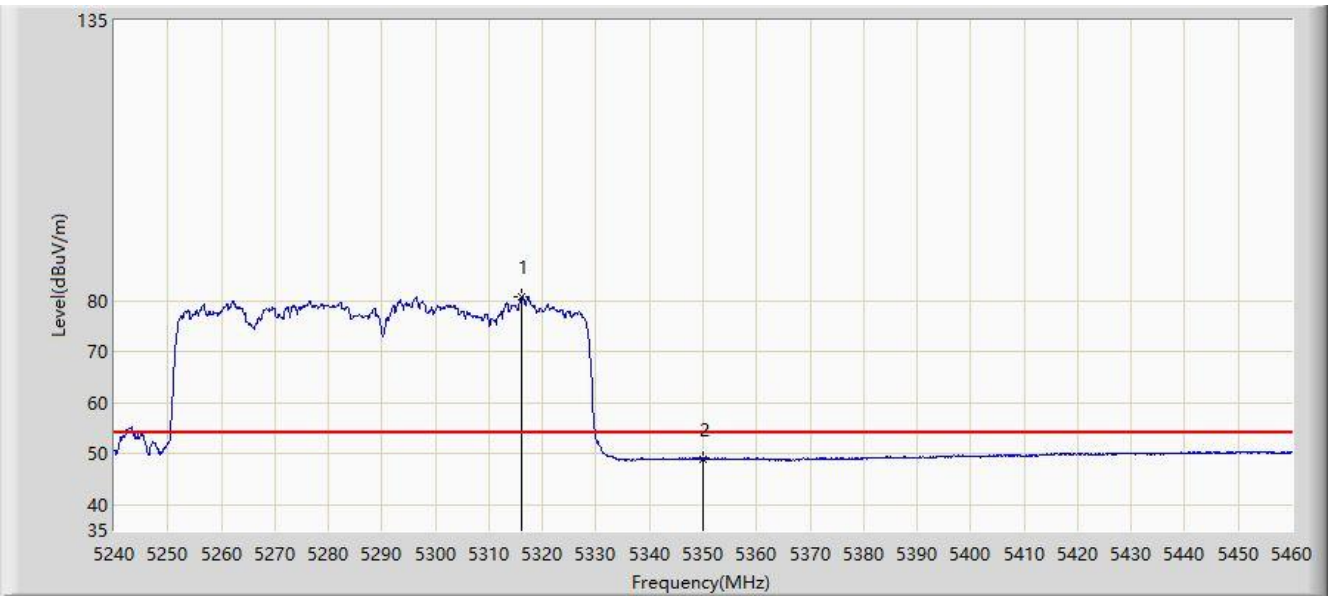


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5317.440	90.492	85.257	N/A	N/A	5.235	PK
2			5350.000	60.186	54.412	-13.814	74.000	5.774	PK
3			5352.420	64.232	58.507	-9.768	74.000	5.725	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	

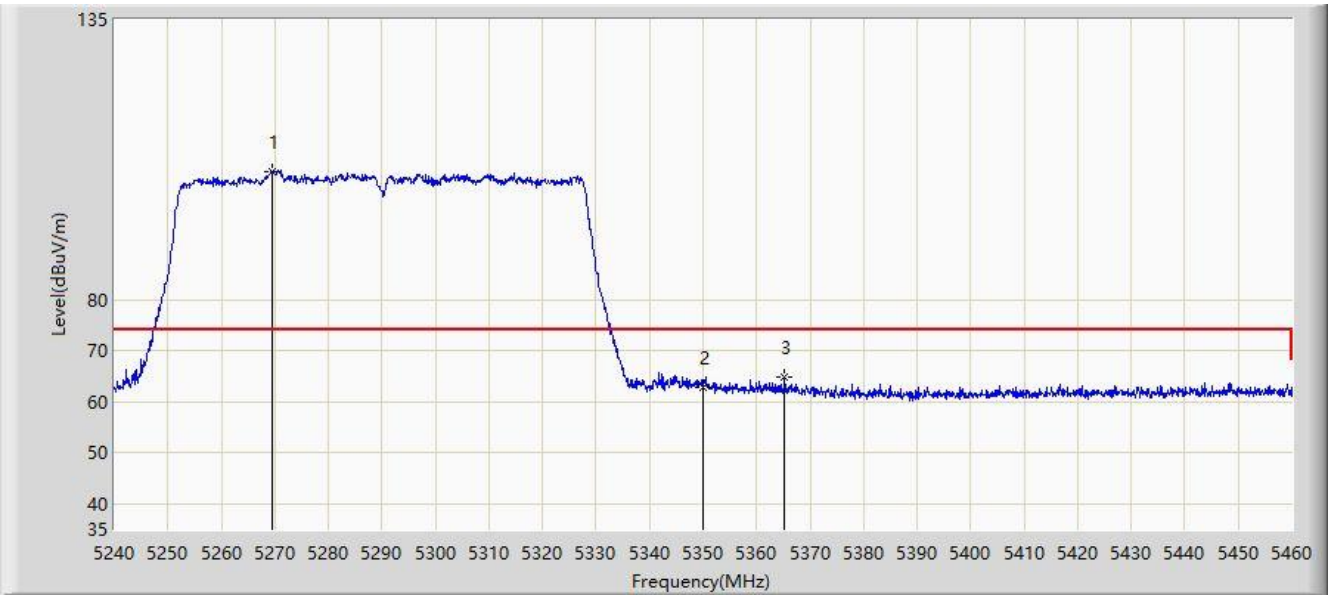


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5316.010	80.823	75.614	N/A	N/A	5.209	AV
2			5350.000	49.028	43.254	-4.972	54.000	5.774	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	

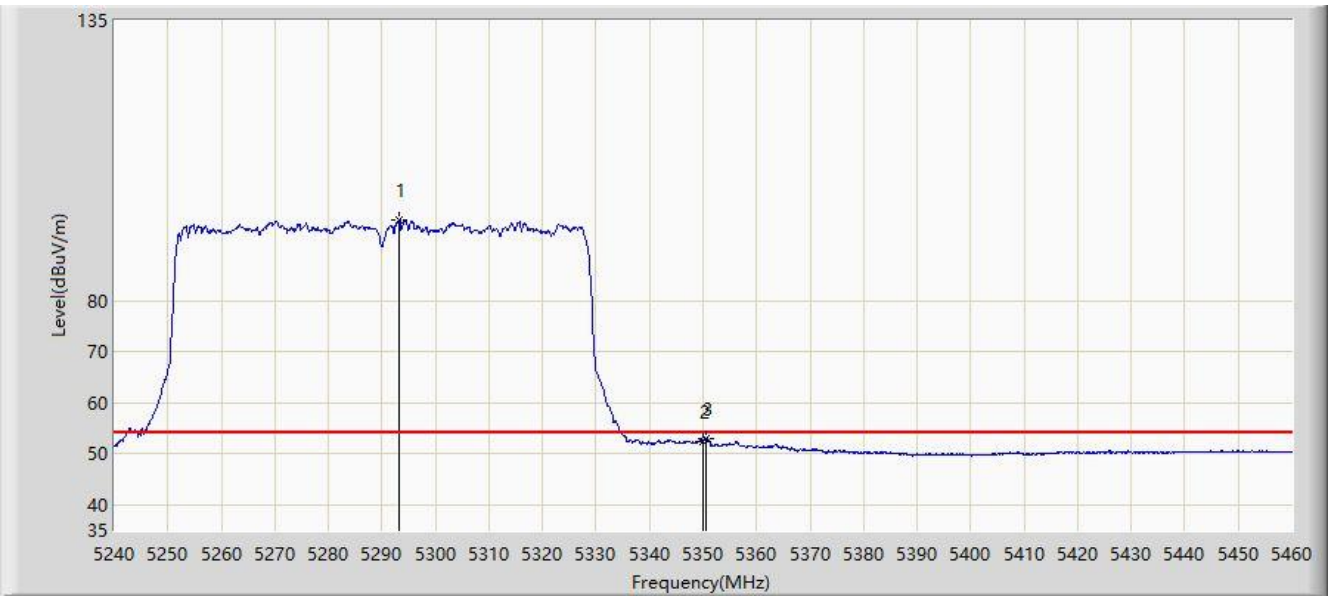


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5269.590	105.147	99.831	N/A	N/A	5.317	PK
2			5350.000	62.688	56.914	-11.312	74.000	5.774	PK
3			5365.180	64.994	59.560	-9.006	74.000	5.435	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:40
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	

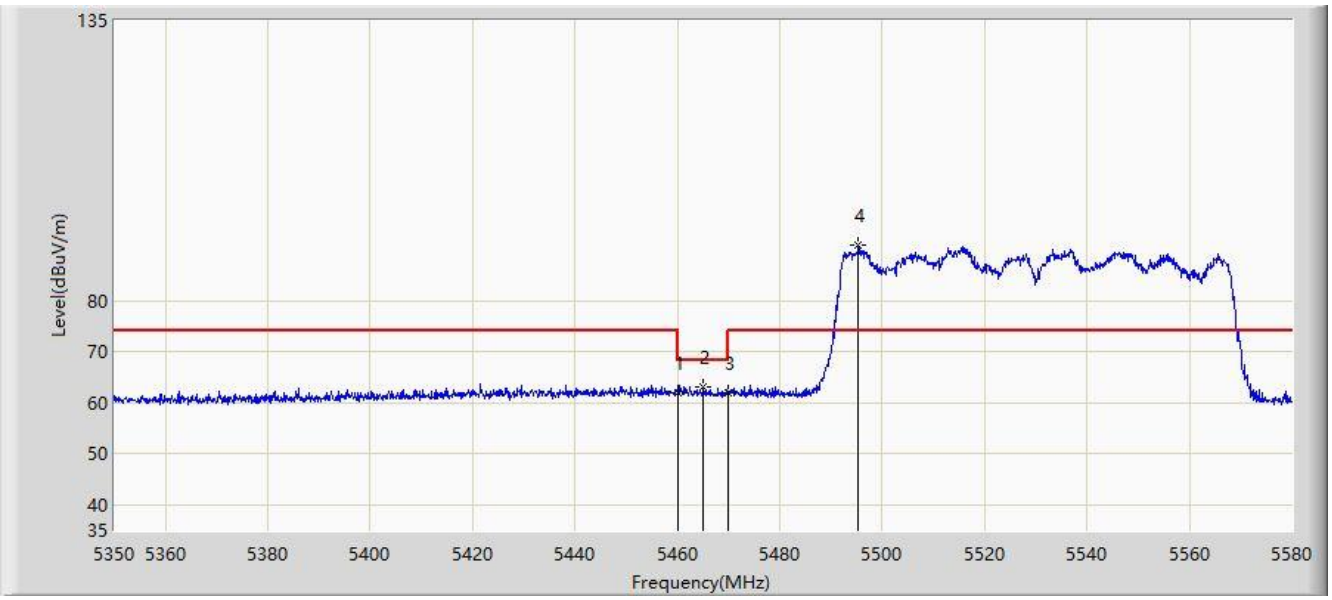


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5293.240	95.800	90.555	N/A	N/A	5.245	AV
2			5350.000	52.420	46.646	-1.580	54.000	5.774	AV
3			5350.440	53.061	47.295	-0.939	54.000	5.767	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	

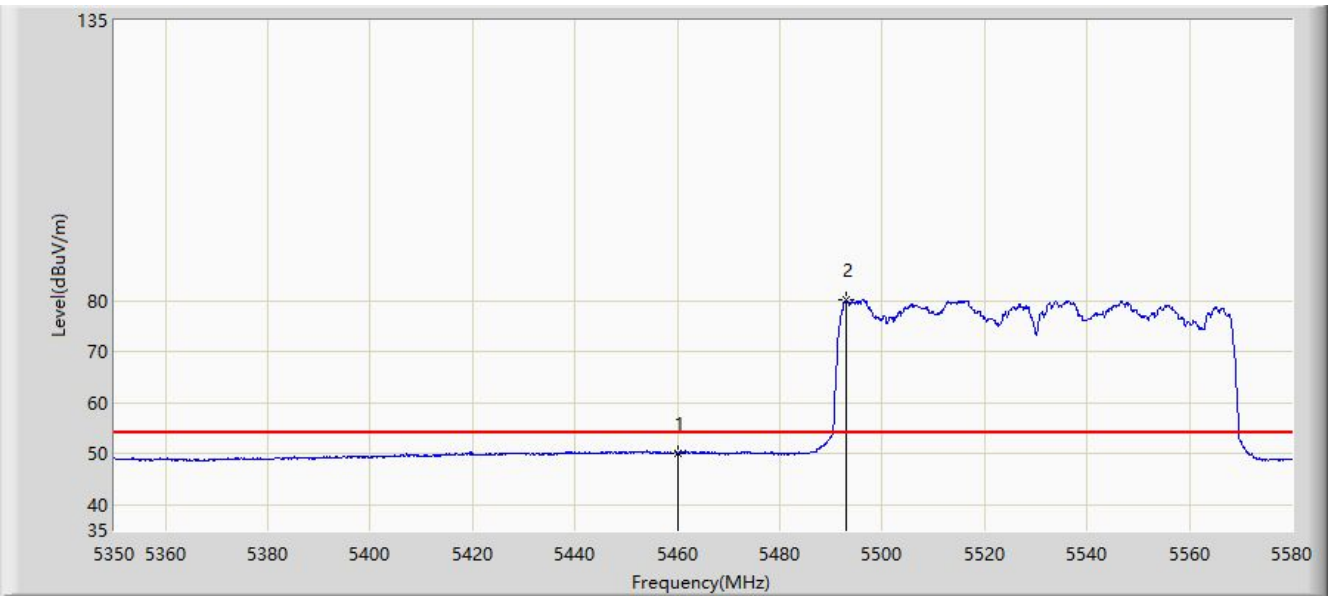


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	62.075	56.307	-11.925	74.000	5.768	PK
2			5465.000	63.130	57.398	-5.070	68.200	5.732	PK
3			5470.000	62.083	56.388	-6.117	68.200	5.695	PK
4		*	5495.360	90.953	85.292	N/A	N/A	5.661	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	

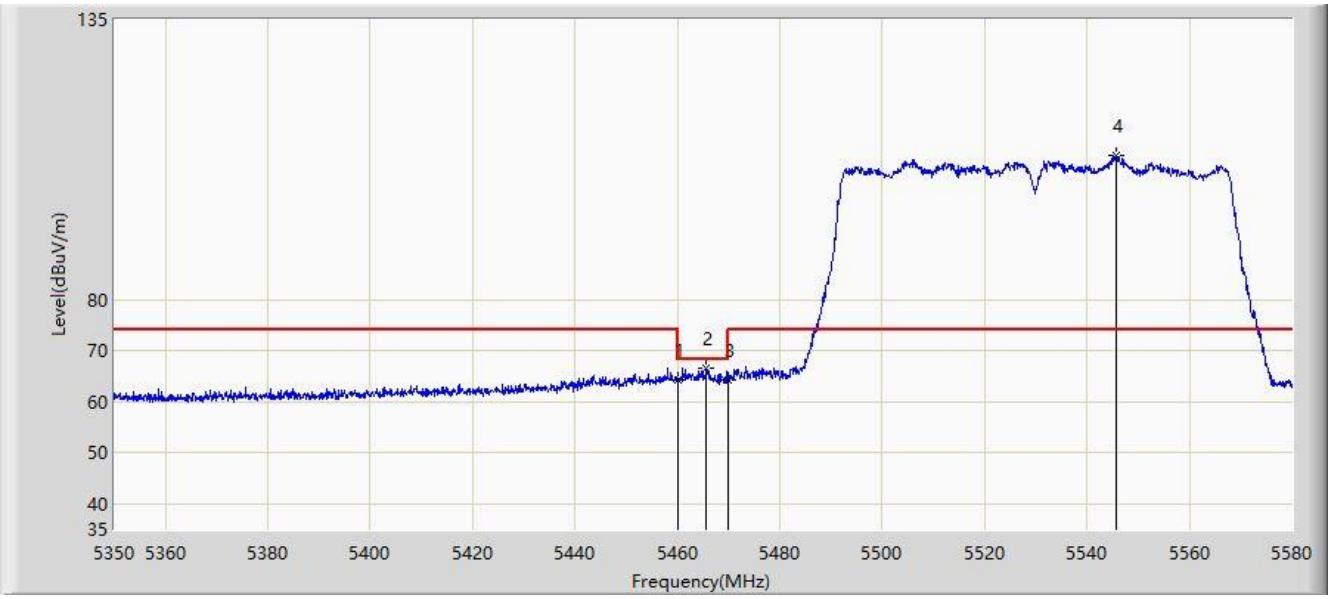


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	50.145	44.377	-3.855	54.000	5.768	AV
2		*	5492.830	80.288	74.643	N/A	N/A	5.645	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:56
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	

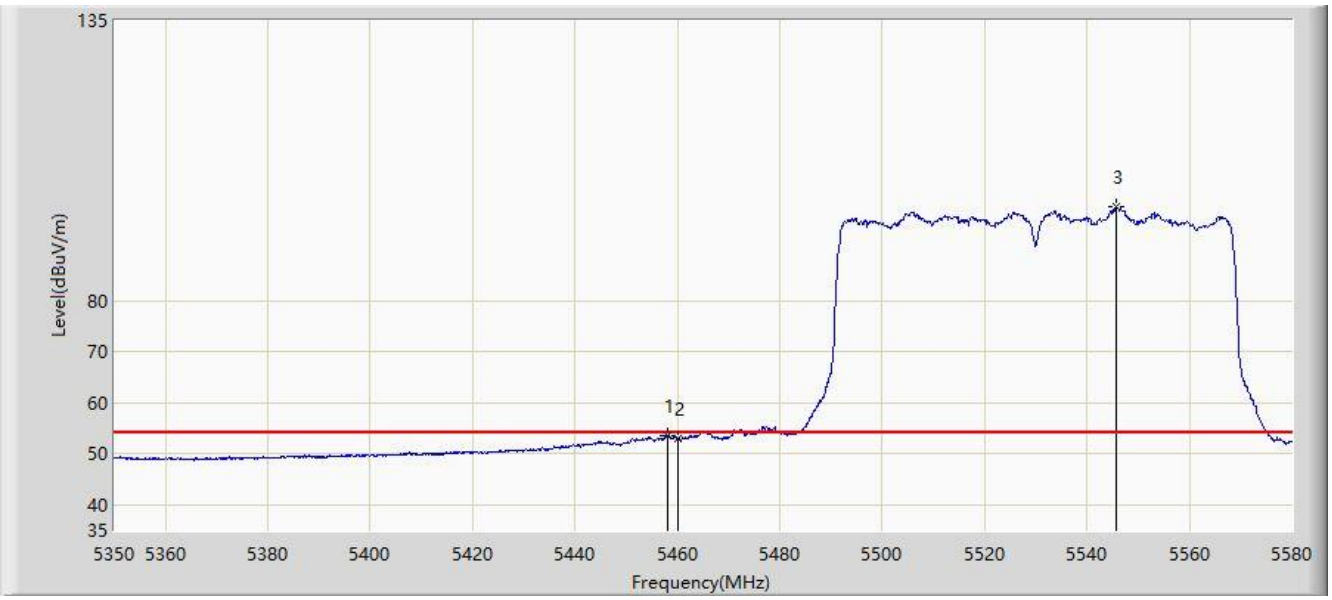


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	64.190	58.422	-9.810	74.000	5.768	PK
2			5465.690	66.635	60.908	-1.565	68.200	5.727	PK
3			5470.000	64.420	58.725	-3.780	68.200	5.695	PK
4		*	5545.845	108.453	102.330	N/A	N/A	6.123	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 14:58
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	

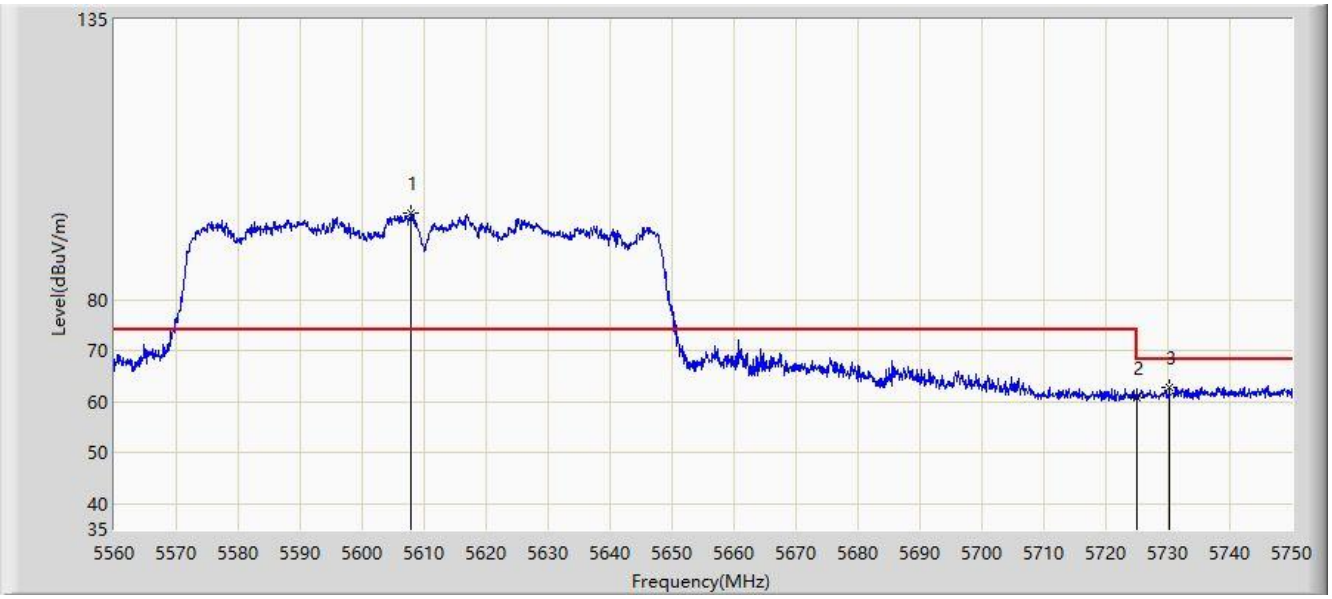


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5457.985	53.677	47.894	-0.323	54.000	5.783	AV
2			5460.000	52.977	47.209	-1.023	54.000	5.768	AV
3		*	5545.615	98.398	92.269	N/A	N/A	6.130	AV

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

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

Site: WZ-AC1	Time: 2021/04/19 - 15:08
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5610MHz	

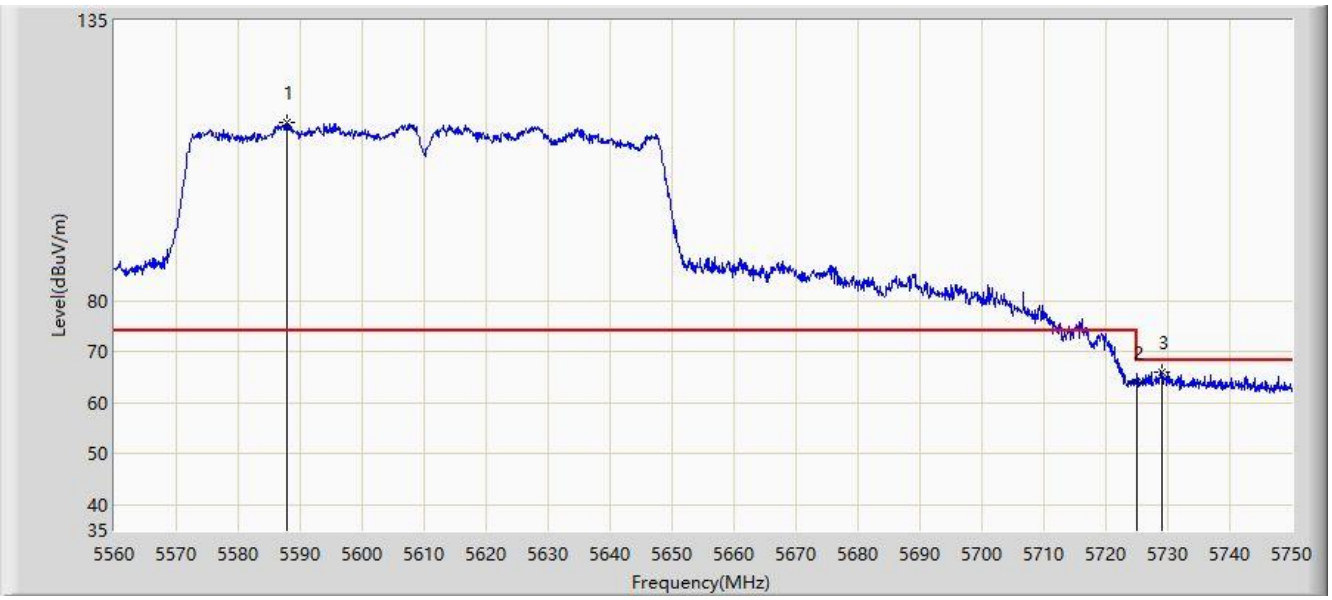


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5607.880	97.001	91.018	N/A	N/A	5.982	PK
2			5725.000	60.804	55.213	-7.396	68.200	5.591	PK
3			5730.240	62.926	57.253	-5.274	68.200	5.673	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 15:06
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5610MHz	

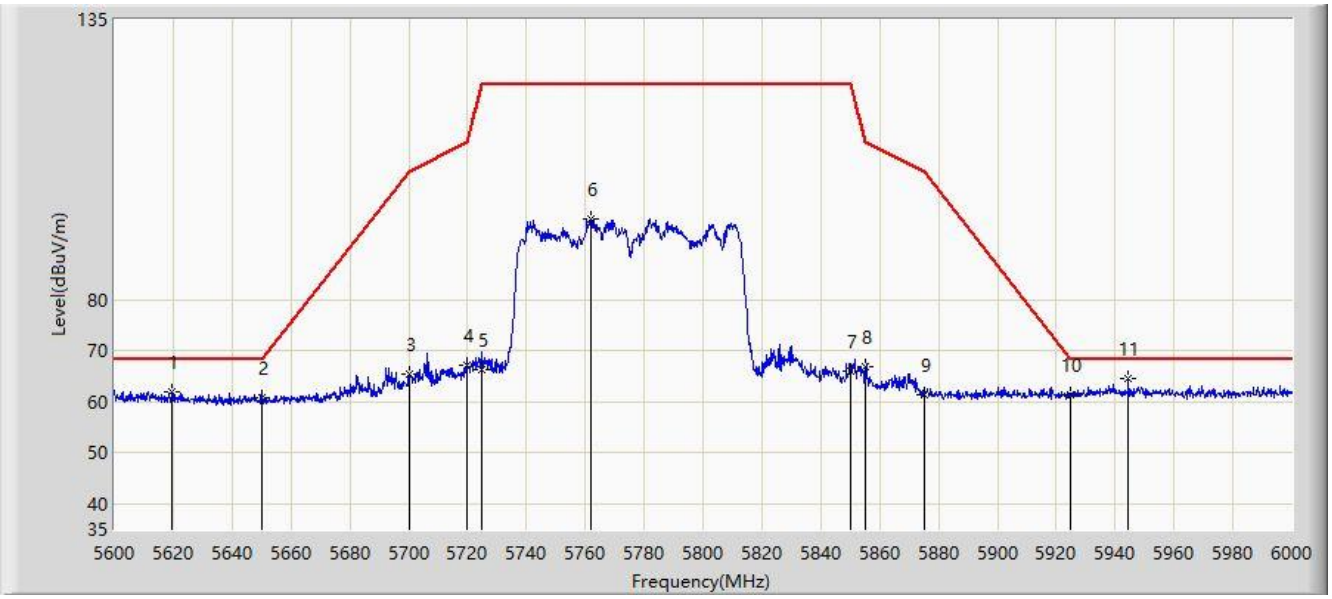


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5587.740	114.865	109.044	N/A	N/A	5.821	PK
2			5725.000	64.082	58.491	-4.118	68.200	5.591	PK
3			5729.005	66.025	60.374	-2.175	68.200	5.651	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 15:31
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz	

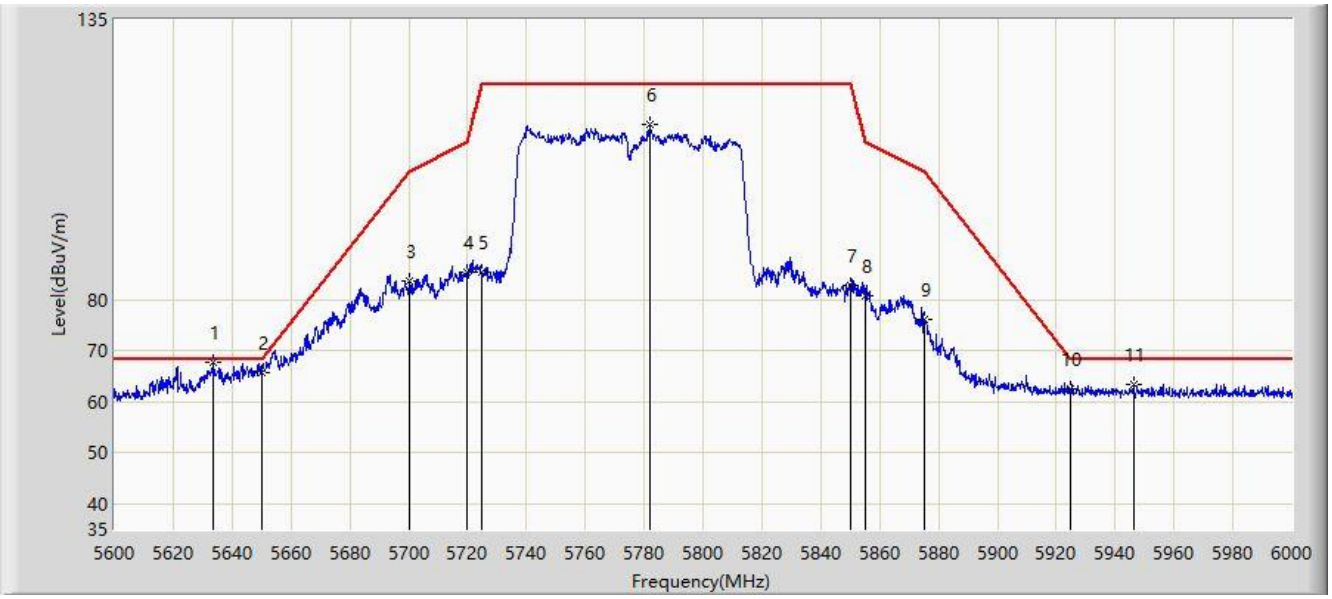


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5619.600	62.055	56.176	-6.145	68.200	5.879	PK
2			5650.000	60.774	55.238	-7.426	68.200	5.536	PK
3			5700.000	65.576	59.773	-39.624	105.200	5.803	PK
4			5720.000	67.112	61.484	-43.688	110.800	5.629	PK
5			5725.000	66.446	60.855	-55.754	122.200	5.591	PK
6			5761.800	95.798	89.684	N/A	N/A	6.115	PK
7			5850.000	66.097	60.135	-56.103	122.200	5.961	PK
8			5855.000	66.787	60.781	-44.013	110.800	6.007	PK
9			5875.000	61.429	55.364	-43.771	105.200	6.065	PK
10			5925.000	61.490	55.318	-6.710	68.200	6.173	PK
11		*	5944.600	64.487	58.237	-3.713	68.200	6.250	PK

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

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

Site: WZ-AC1	Time: 2021/04/19 - 15:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz	

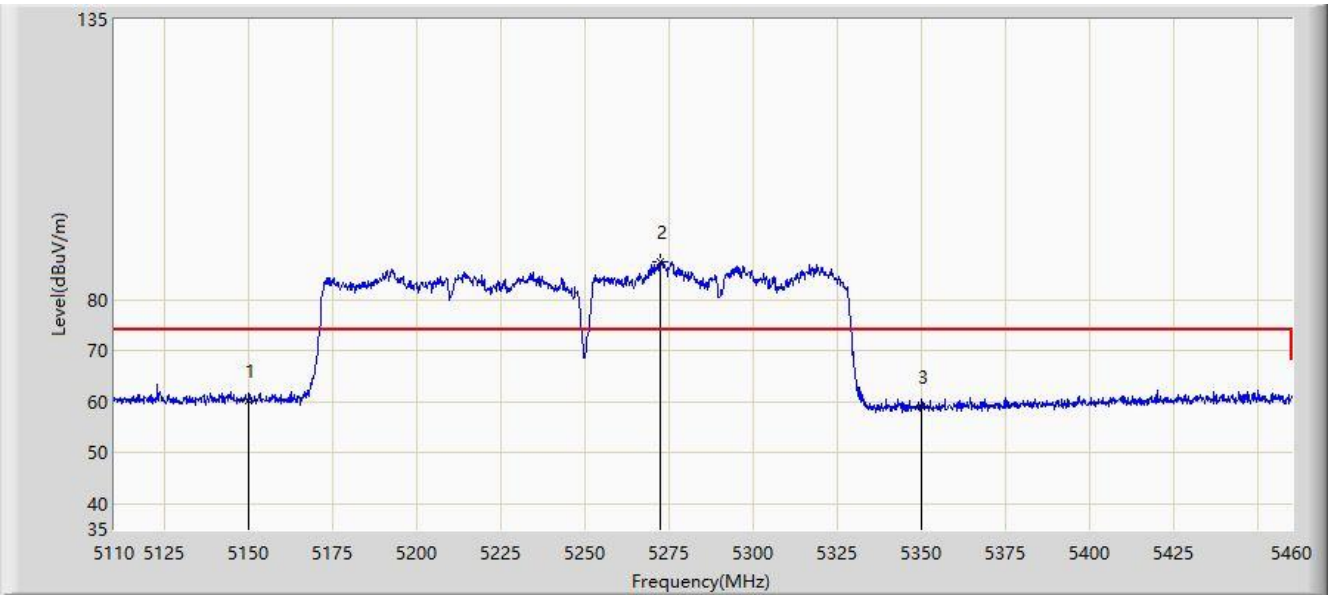


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5633.400	67.760	62.282	-0.440	68.200	5.478	PK
2			5650.000	65.623	60.087	-2.577	68.200	5.536	PK
3			5700.000	83.685	77.882	-21.515	105.200	5.803	PK
4			5720.000	85.373	79.745	-25.427	110.800	5.629	PK
5			5725.000	85.363	79.772	-36.837	122.200	5.591	PK
6			5781.800	114.290	108.405	N/A	N/A	5.886	PK
7			5850.000	82.788	76.826	-39.412	122.200	5.961	PK
8			5855.000	80.888	74.882	-29.912	110.800	6.007	PK
9			5875.000	76.099	70.034	-29.101	105.200	6.065	PK
10			5925.000	62.614	56.442	-5.586	68.200	6.173	PK
11			5946.200	63.543	57.312	-4.657	68.200	6.230	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:30
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5290MHz	

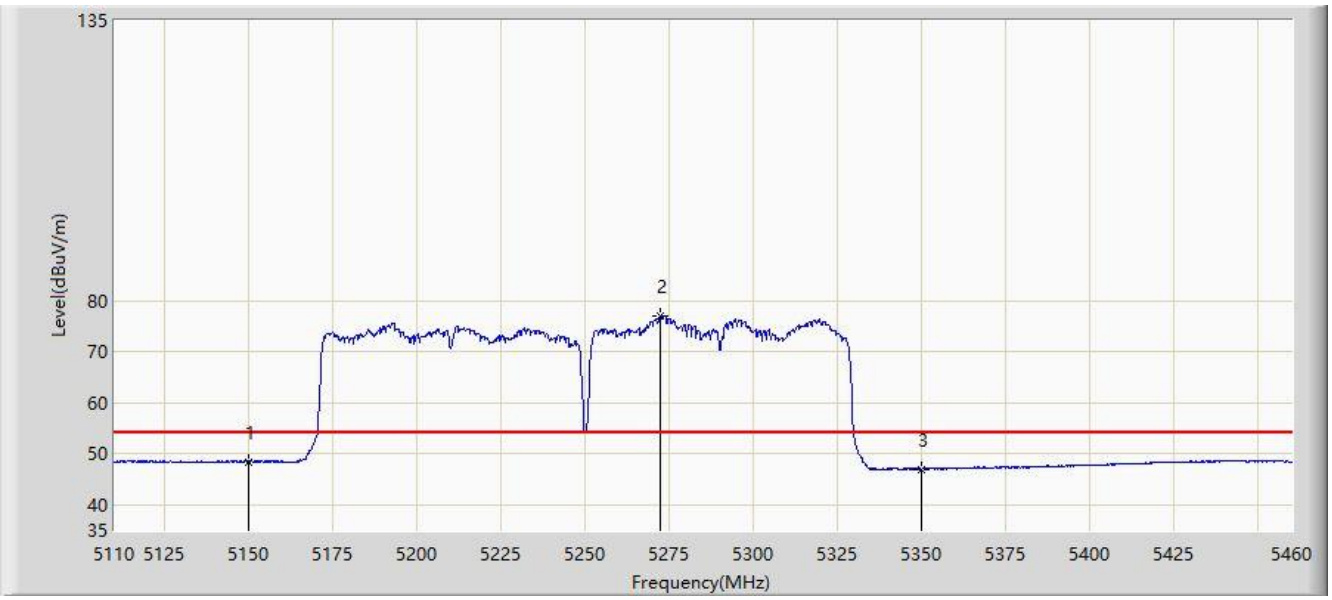


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	60.347	56.485	-13.653	74.000	3.863	PK
2		*	5272.400	87.381	83.735	N/A	N/A	3.646	PK
3			5350.000	59.051	55.415	-14.949	74.000	3.636	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:29
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5290MHz	

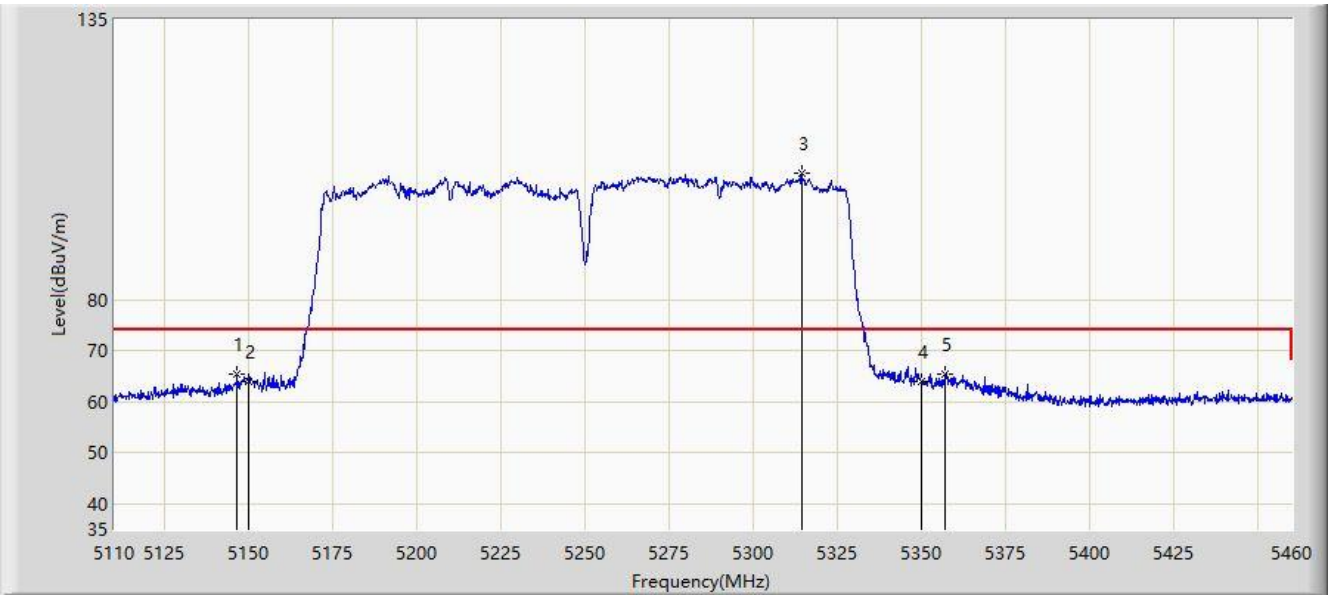


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	48.420	44.558	-5.580	54.000	3.863	AV
2		*	5272.400	77.147	73.501	N/A	N/A	3.646	AV
3			5350.000	47.016	43.380	-6.984	54.000	3.636	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:32
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5290MHz	

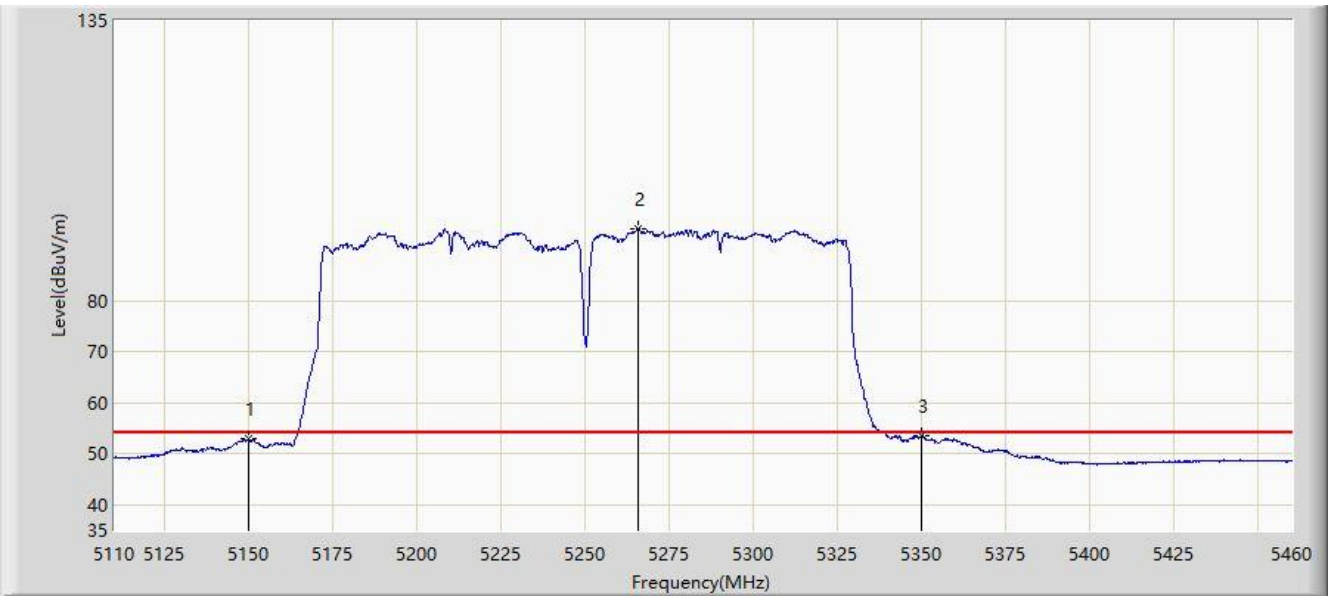


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5146.575	65.538	61.714	-8.462	74.000	3.824	PK
2			5150.000	63.966	60.104	-10.034	74.000	3.863	PK
3		*	5314.225	104.757	101.308	N/A	N/A	3.449	PK
4			5350.000	63.844	60.208	-10.156	74.000	3.636	PK
5			5356.750	65.552	61.892	-8.448	74.000	3.660	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:27
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5290MHz	

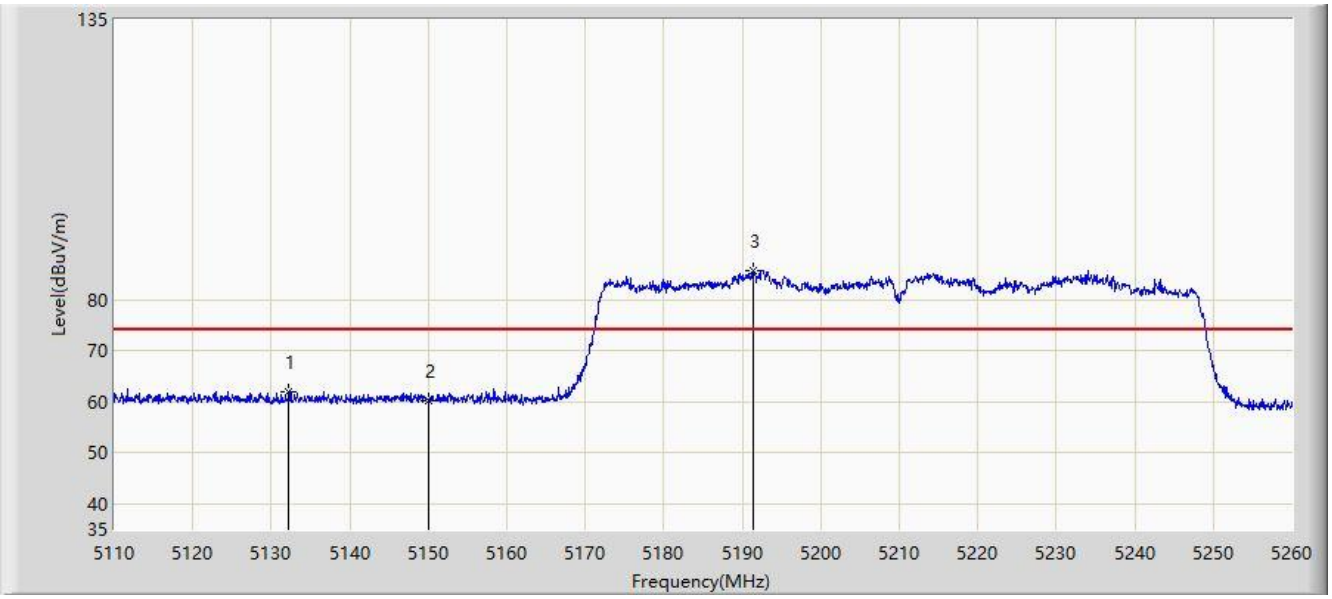


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	52.875	49.013	-1.125	54.000	3.863	AV
2		*	5265.750	94.221	90.584	N/A	N/A	3.637	AV
3			5350.000	53.589	49.953	-0.411	54.000	3.636	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:01
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

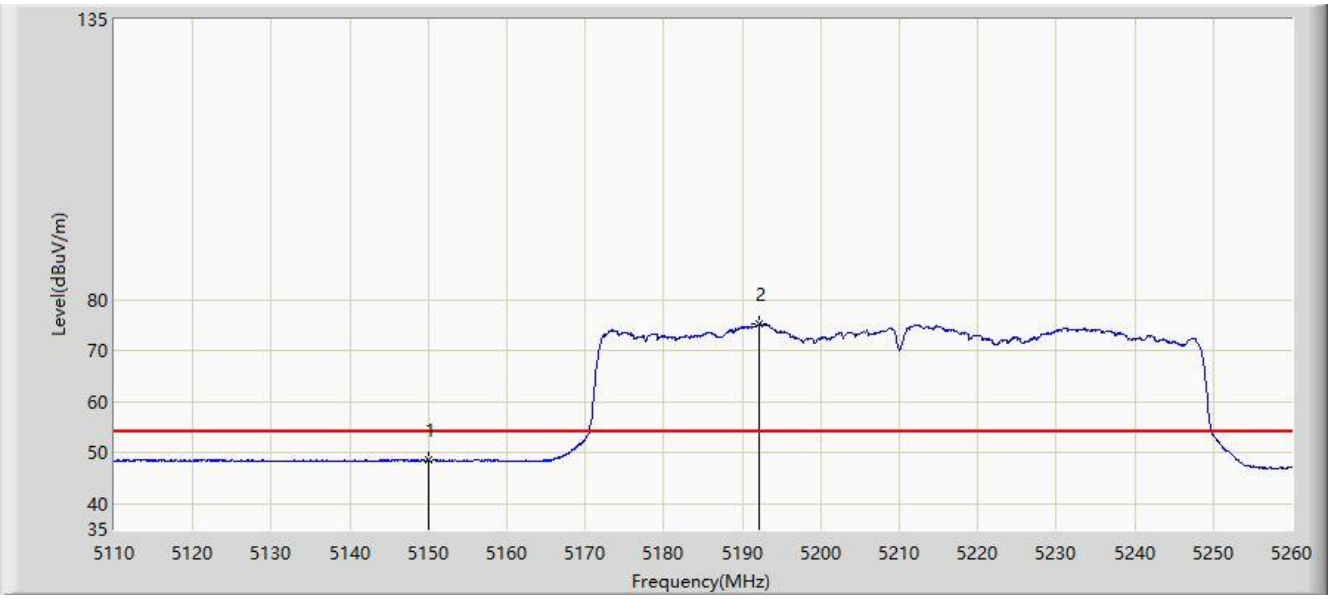


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5132.200	61.875	58.131	-12.125	74.000	3.744	PK
2			5150.000	60.355	56.493	-13.645	74.000	3.863	PK
3		*	5191.300	85.779	81.968	N/A	N/A	3.811	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

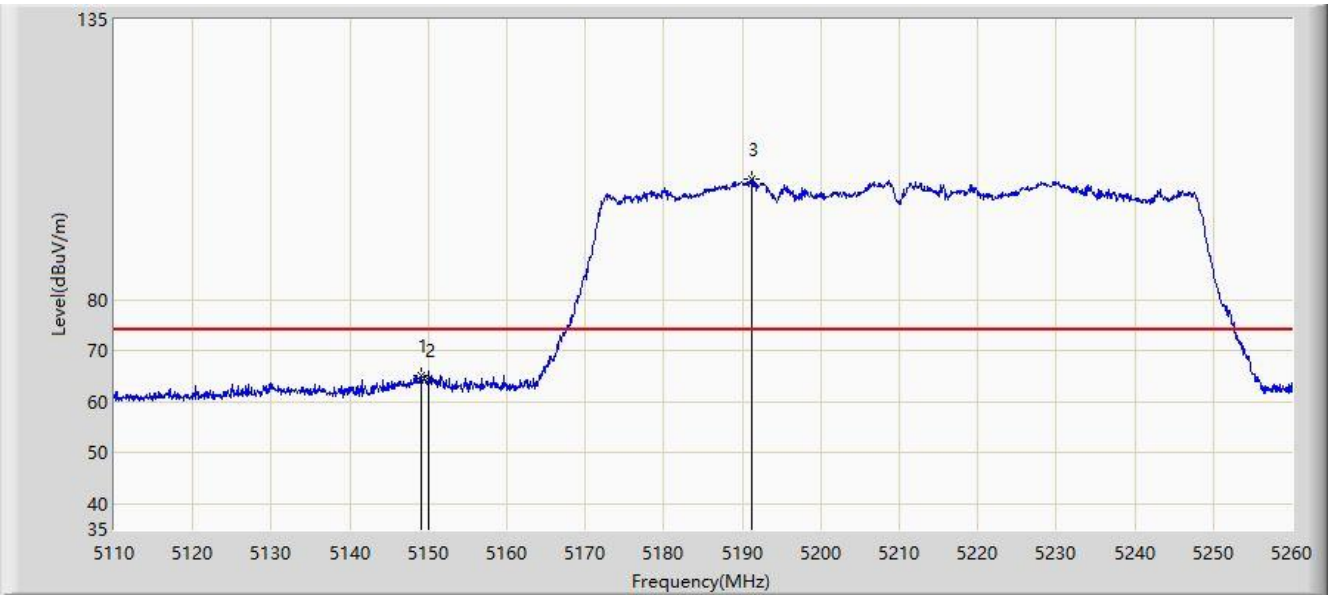


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	48.494	44.632	-5.506	54.000	3.863	AV
2		*	5192.125	75.367	71.556	N/A	N/A	3.811	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:03
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

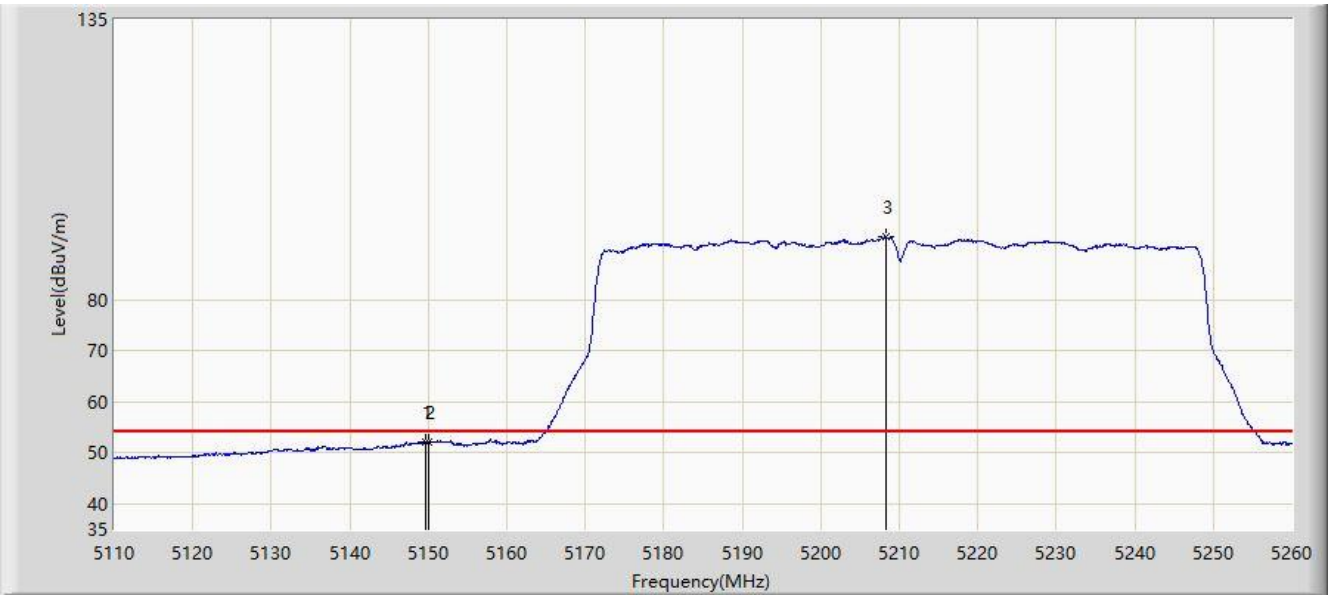


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.075	65.096	61.247	-8.904	74.000	3.850	PK
2			5150.000	64.281	60.419	-9.719	74.000	3.863	PK
3		*	5191.150	103.634	99.823	N/A	N/A	3.811	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:05
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

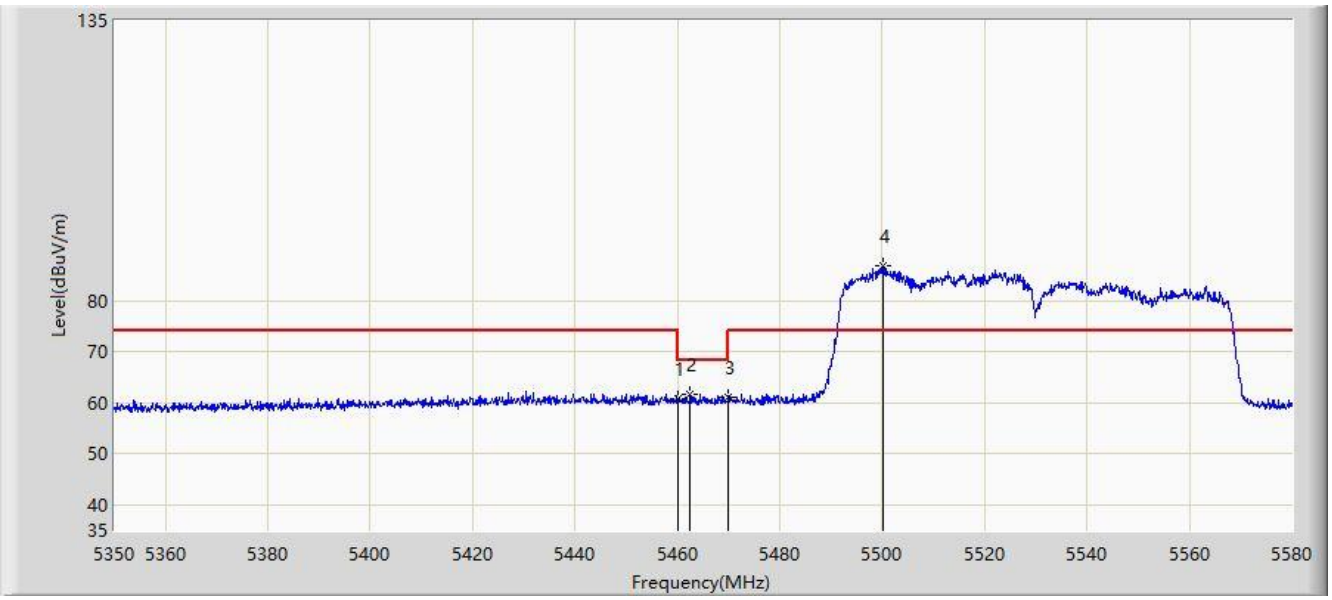


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.675	52.210	48.352	-1.790	54.000	3.858	AV
2			5150.000	52.179	48.317	-1.821	54.000	3.863	AV
3		*	5208.250	92.354	88.609	N/A	N/A	3.745	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:51
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

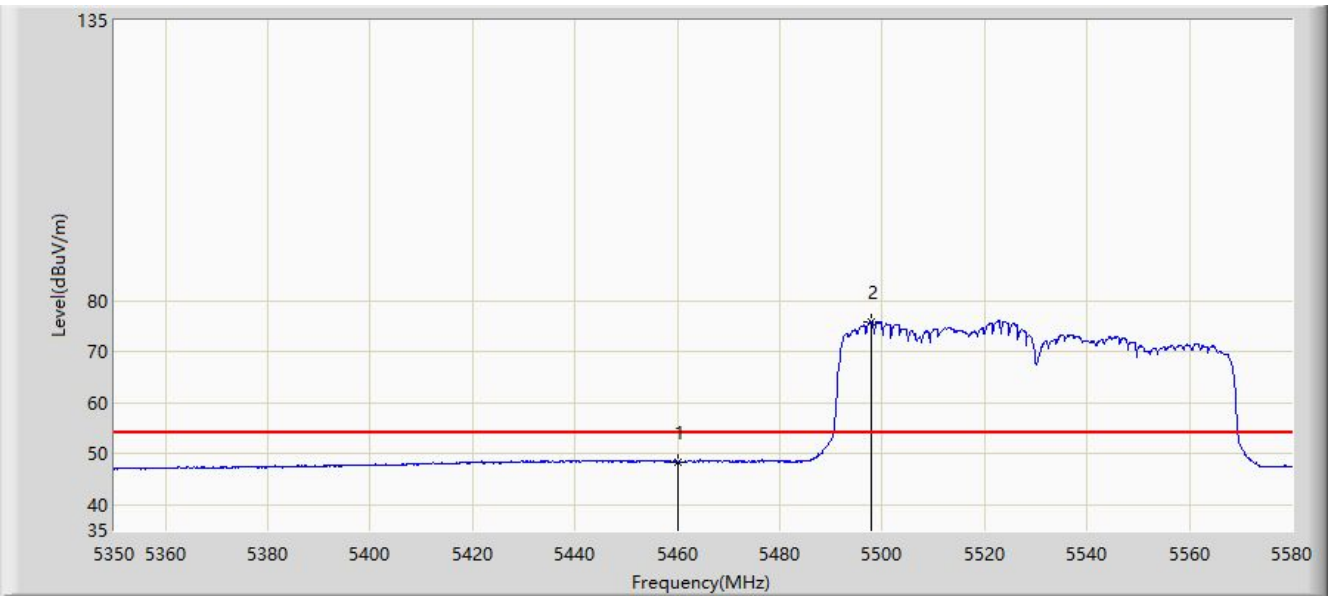


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	60.725	56.805	-13.275	74.000	3.920	PK
2			5462.470	61.672	57.765	-6.528	68.200	3.907	PK
3			5470.000	61.217	57.352	-6.983	68.200	3.865	PK
4		*	5500.305	87.026	82.915	N/A	N/A	4.111	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

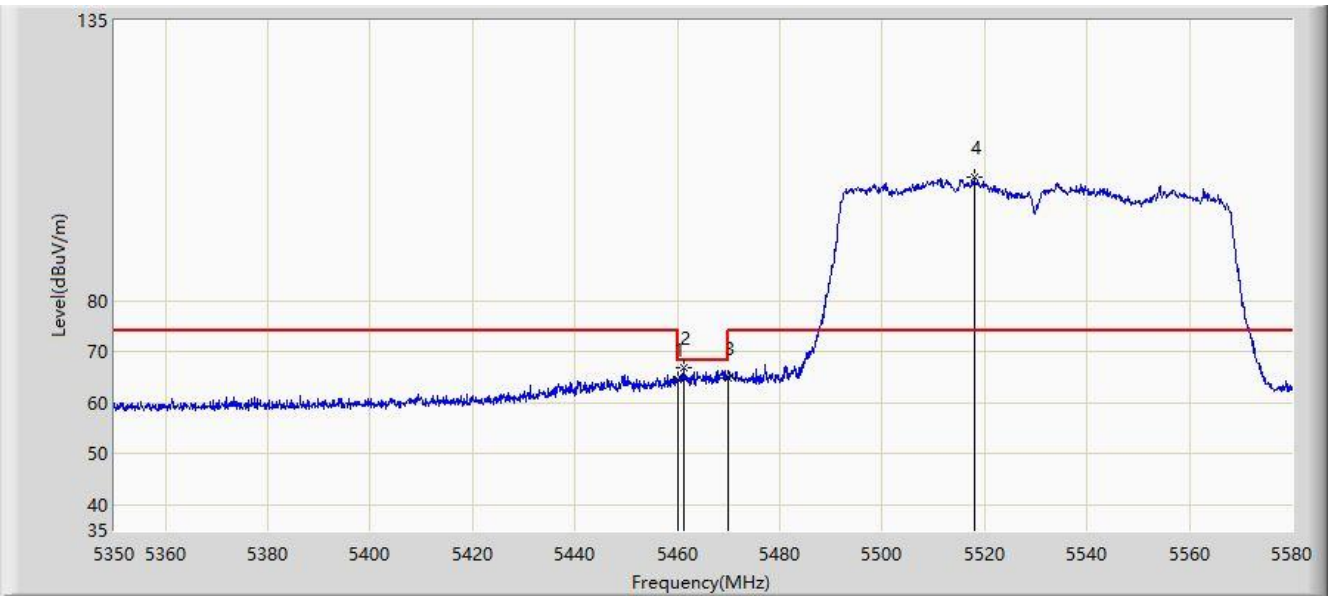


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	48.395	44.475	-5.605	54.000	3.920	AV
2		*	5497.775	75.853	71.780	N/A	N/A	4.073	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

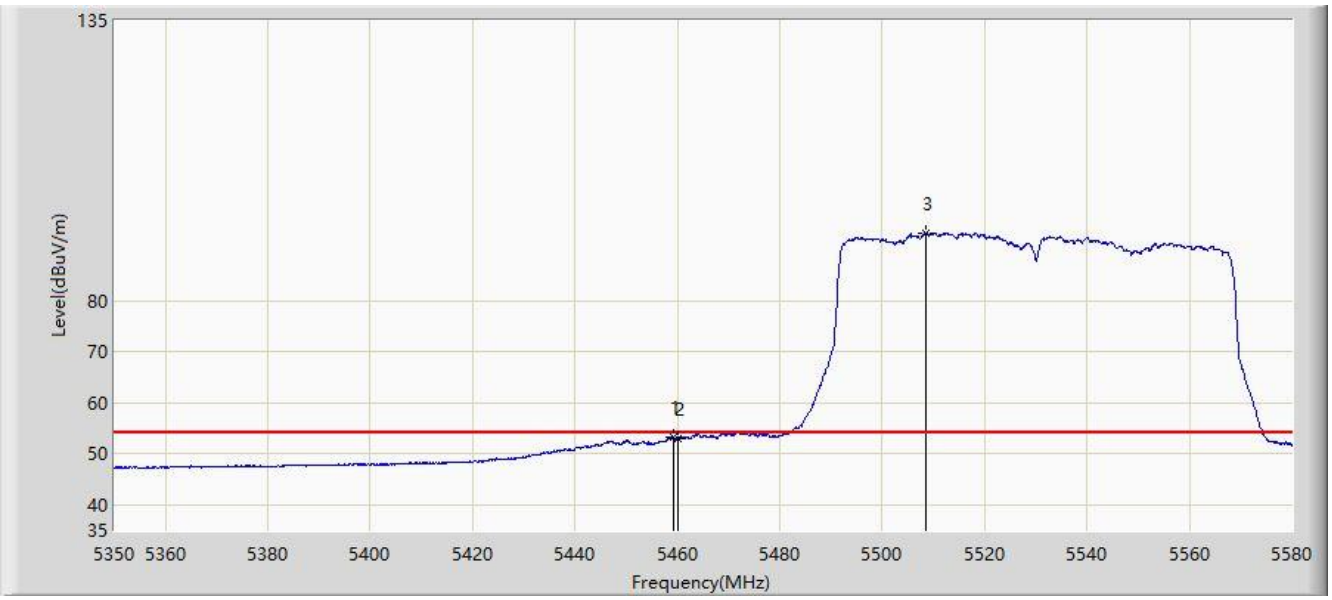


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	64.498	60.578	-9.502	74.000	3.920	PK
2			5461.320	66.946	63.033	-1.254	68.200	3.913	PK
3			5470.000	64.745	60.880	-3.455	68.200	3.865	PK
4		*	5517.900	104.375	100.167	N/A	N/A	4.208	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 14:54
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5530MHz	

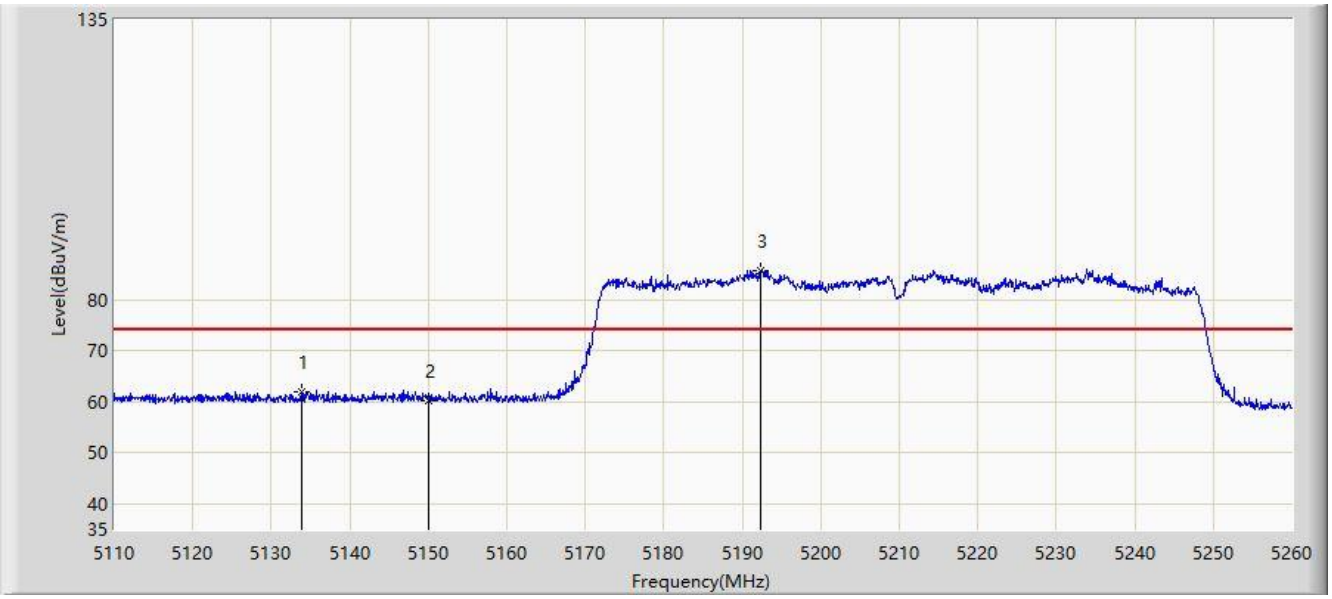


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.135	53.264	49.339	-0.736	54.000	3.925	AV
2			5460.000	53.010	49.090	-0.990	54.000	3.920	AV
3		*	5508.470	93.354	89.152	N/A	N/A	4.202	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:16
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

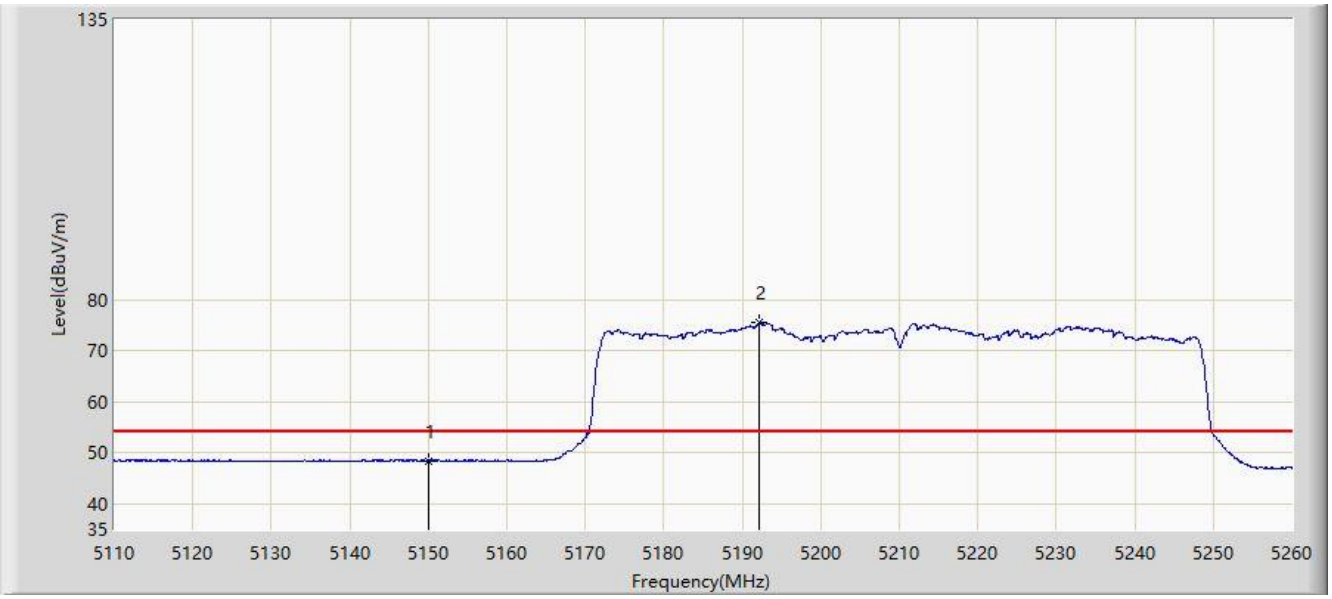


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5133.850	61.925	58.190	-12.075	74.000	3.735	PK
2			5150.000	60.151	56.289	-13.849	74.000	3.863	PK
3		*	5192.350	85.842	82.030	N/A	N/A	3.812	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

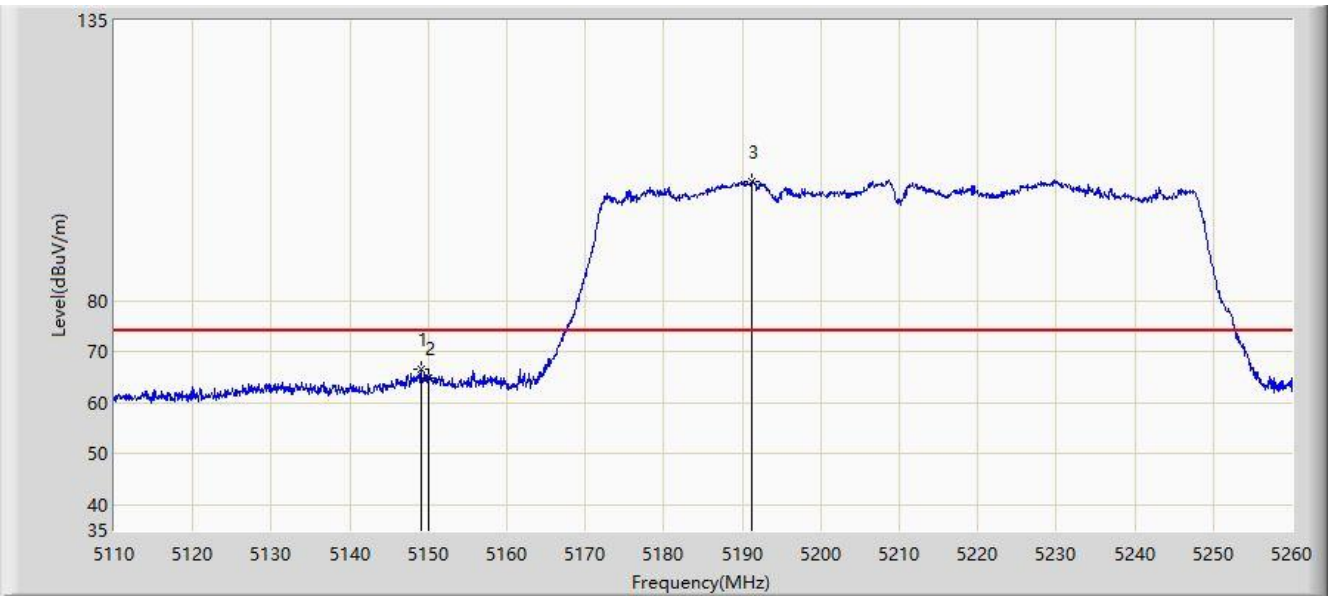


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	48.468	44.606	-5.532	54.000	3.863	AV
2		*	5192.125	75.542	71.731	N/A	N/A	3.811	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:19
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

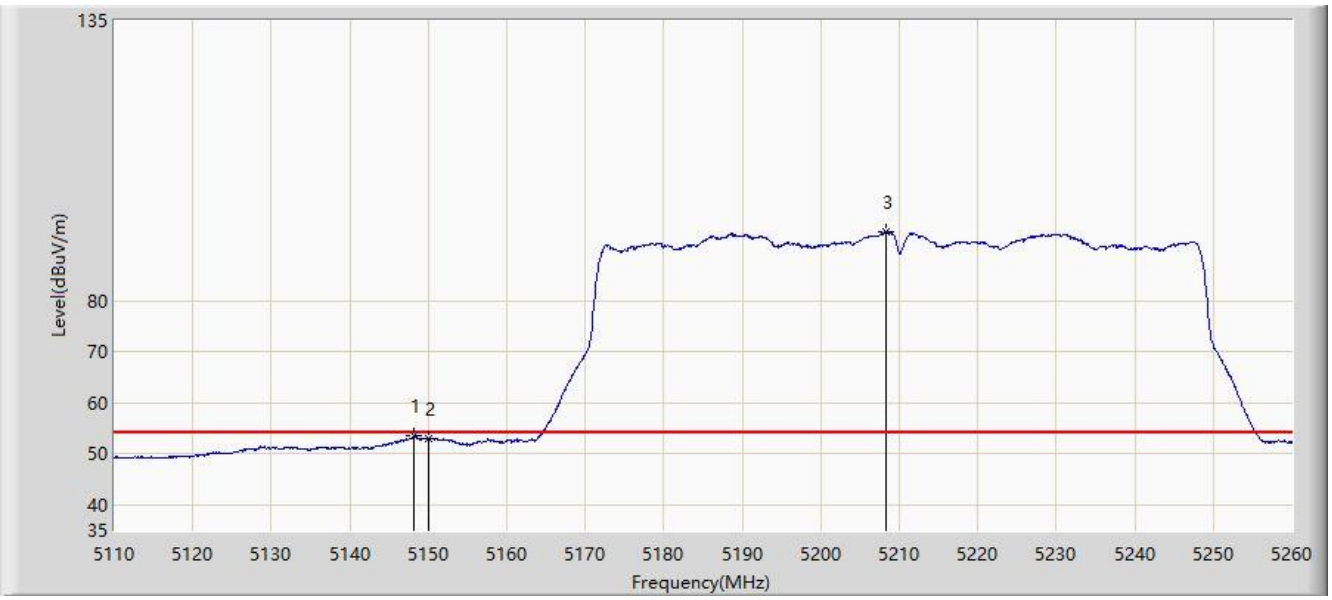


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5149.075	66.525	62.676	-7.475	74.000	3.850	PK
2			5150.000	64.768	60.906	-9.232	74.000	3.863	PK
3		*	5191.225	103.548	99.737	N/A	N/A	3.811	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

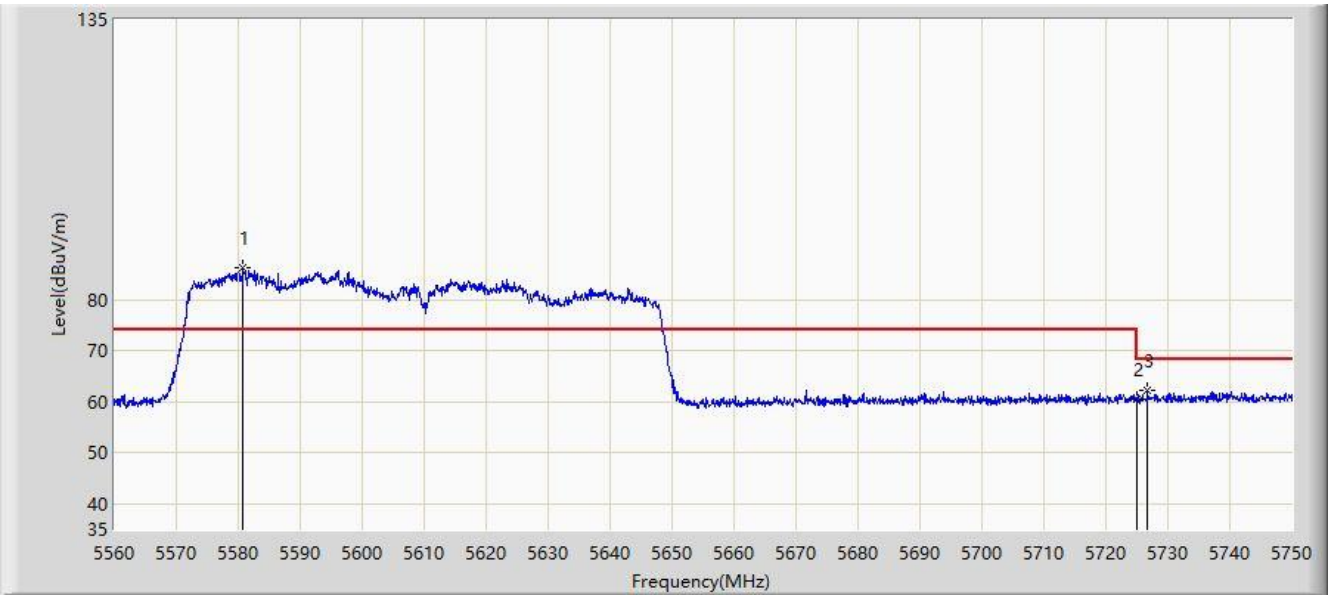


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5148.175	53.556	49.719	-0.444	54.000	3.836	AV
2			5150.000	52.895	49.033	-1.105	54.000	3.863	AV
3		*	5208.250	93.545	89.800	N/A	N/A	3.745	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:23
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

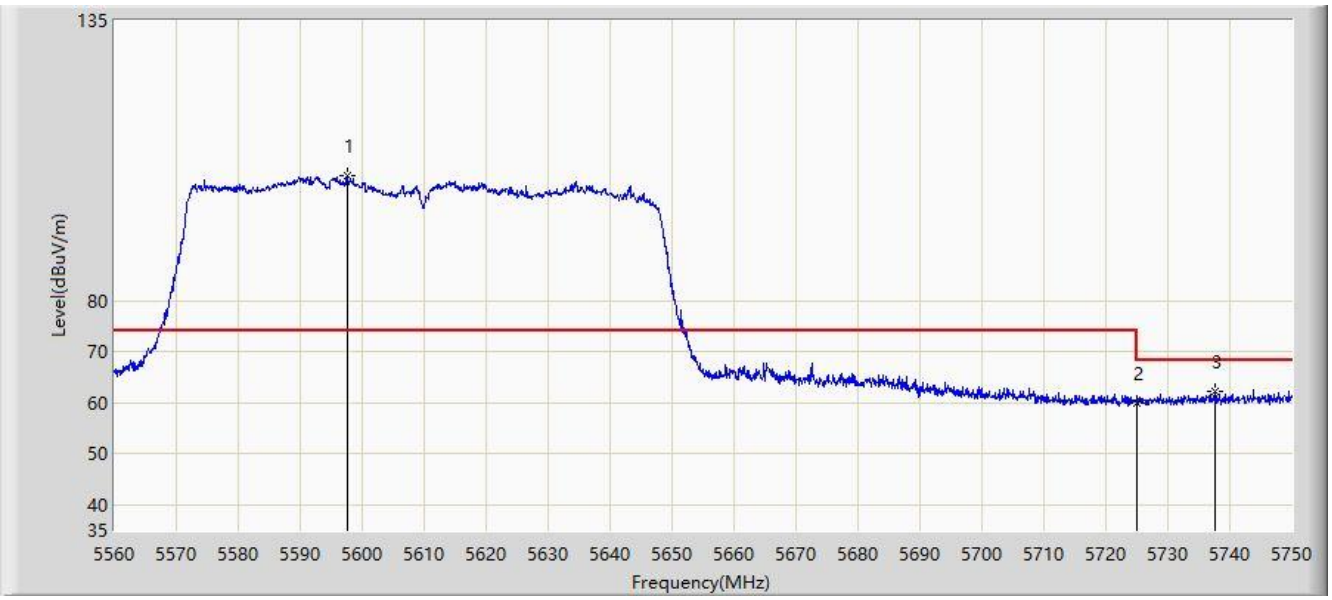


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5580.805	86.309	82.254	N/A	N/A	4.056	PK
2			5725.000	60.537	56.311	-7.663	68.200	4.226	PK
3			5726.725	62.137	57.909	-6.063	68.200	4.228	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:21
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

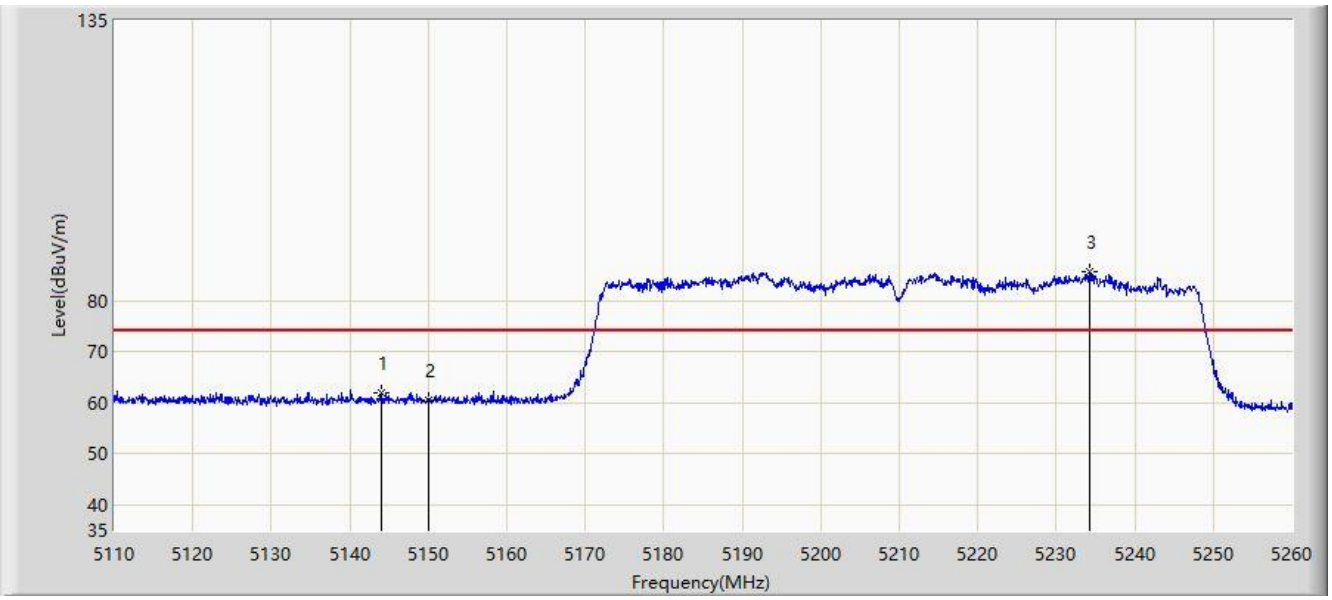


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5597.715	104.458	100.252	N/A	N/A	4.207	PK
2			5725.000	60.017	55.791	-8.183	68.200	4.226	PK
3			5737.555	62.297	58.012	-5.903	68.200	4.285	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:36
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

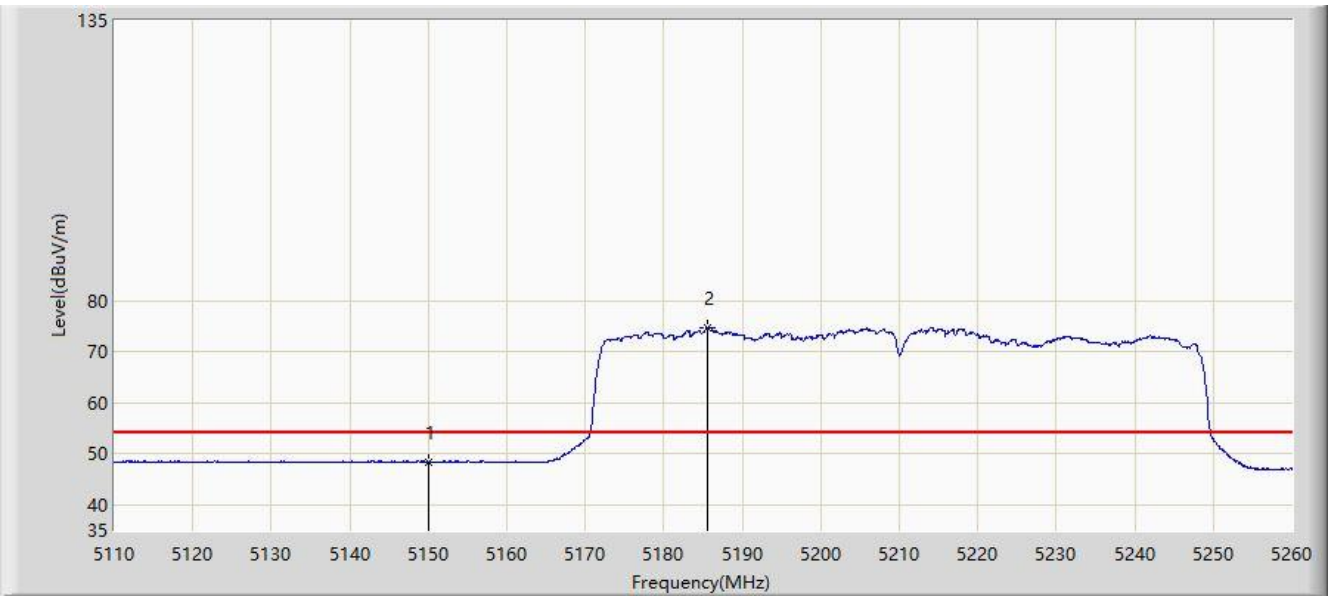


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5144.050	61.905	58.098	-12.095	74.000	3.807	PK
2			5150.000	60.530	56.668	-13.470	74.000	3.863	PK
3		*	5234.200	85.800	82.247	N/A	N/A	3.552	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5610MHz	

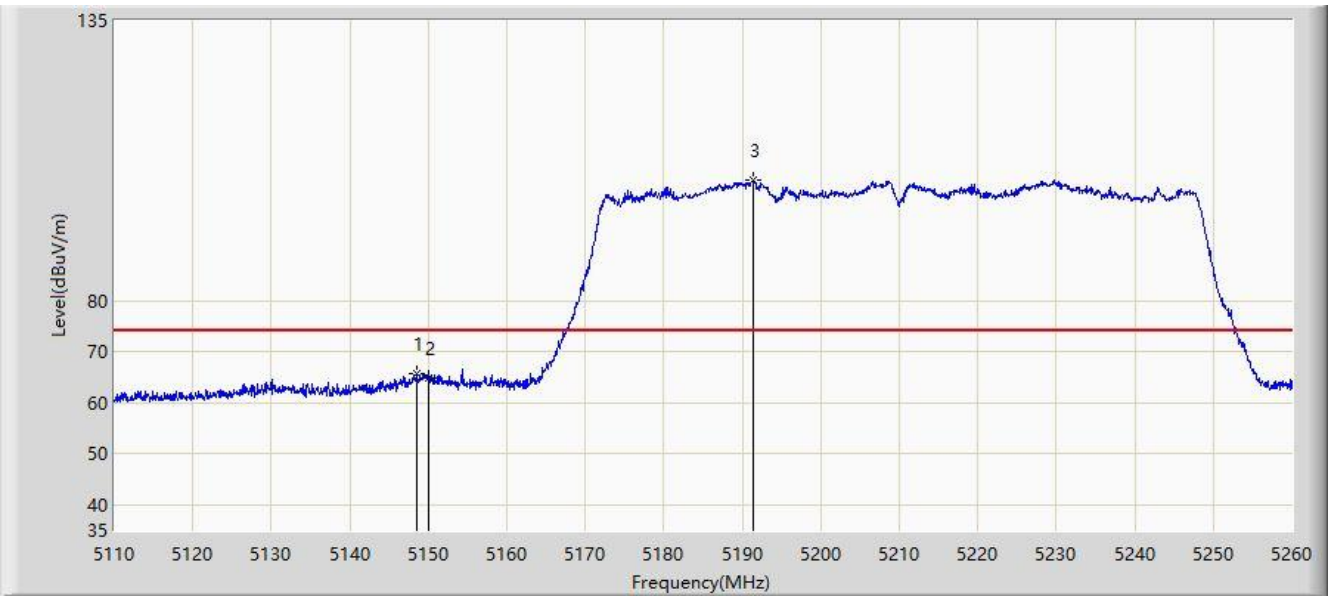


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5150.000	48.356	44.494	-5.644	54.000	3.863	AV
2		*	5185.600	74.603	70.792	N/A	N/A	3.811	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:38
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5690MHz	

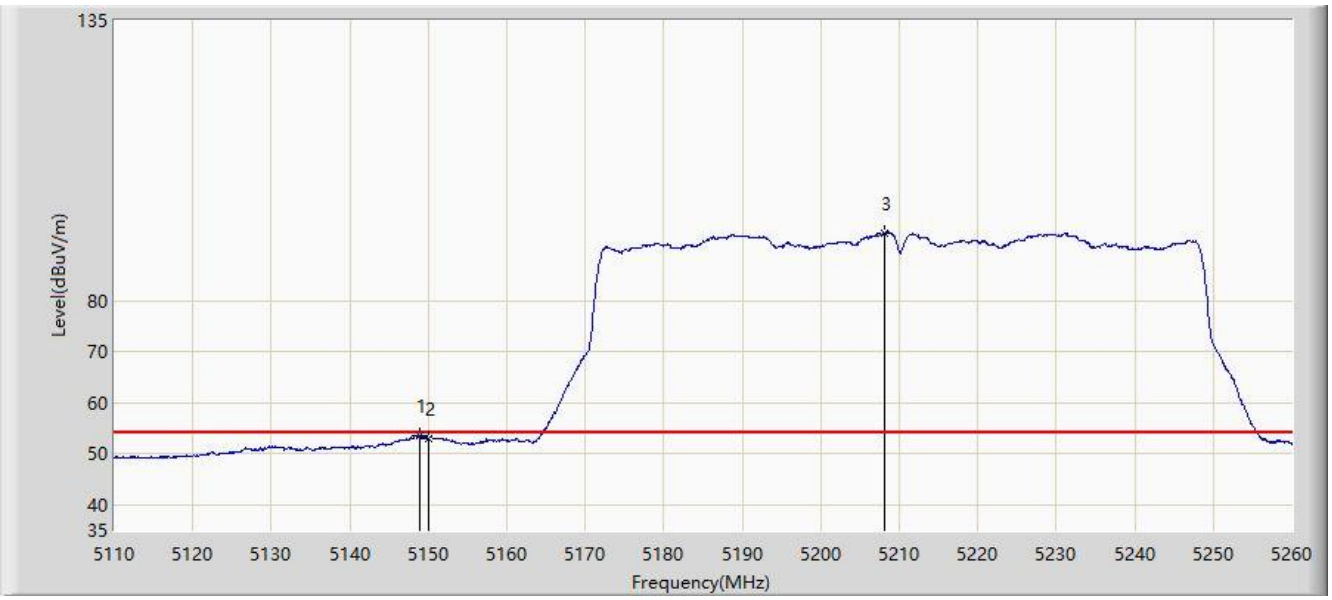


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5148.475	65.700	61.859	-8.300	74.000	3.842	PK
2			5150.000	64.889	61.027	-9.111	74.000	3.863	PK
3		*	5191.300	103.653	99.842	N/A	N/A	3.811	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:41
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5210MHz + 5690MHz	

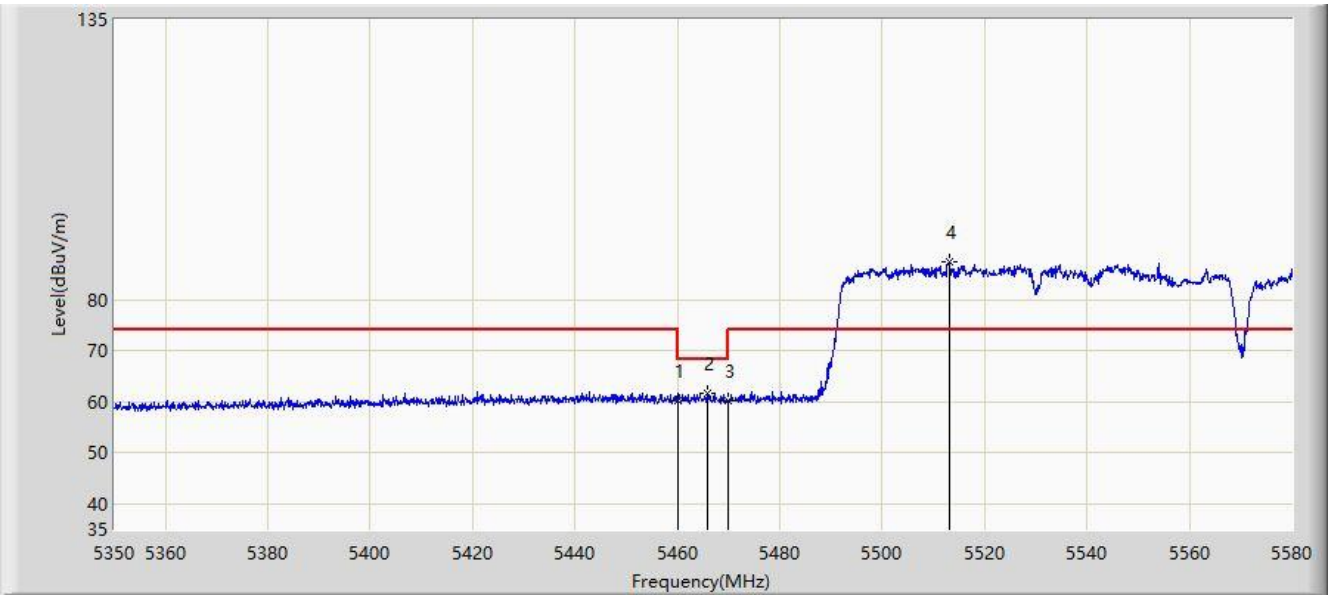


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5148.925	53.538	49.691	-0.462	54.000	3.847	AV
2			5150.000	53.061	49.199	-0.939	54.000	3.863	AV
3		*	5208.100	93.261	89.513	N/A	N/A	3.748	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:50
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5530MHz + 5610MHz	

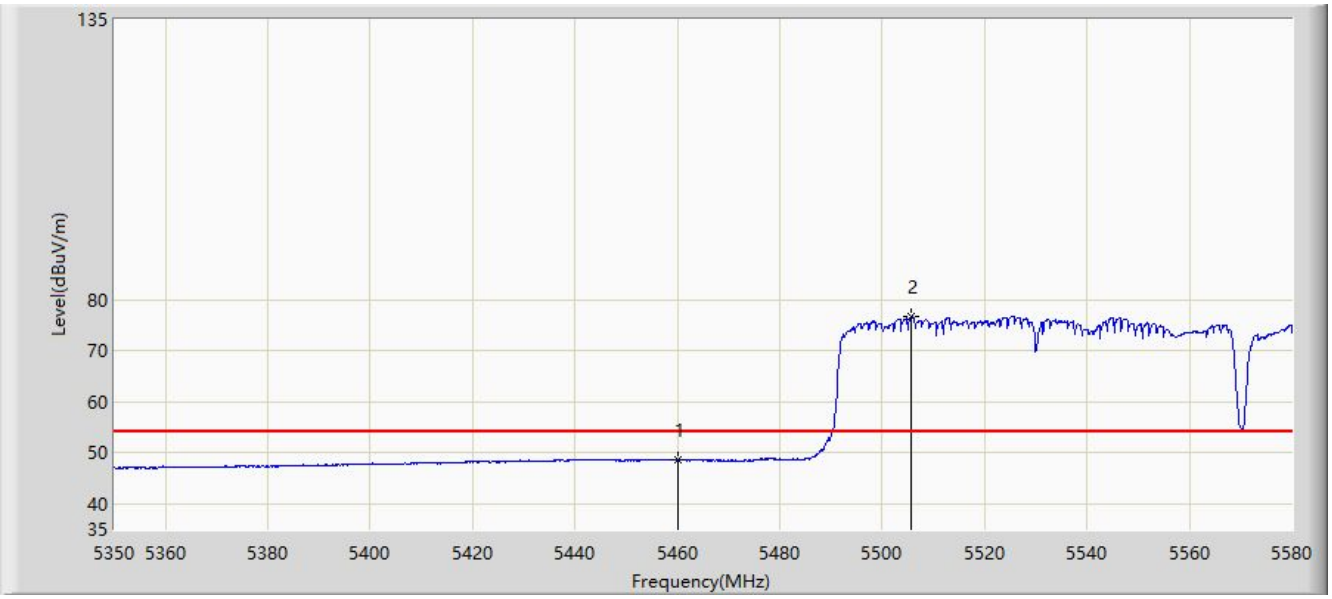


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	60.308	56.388	-13.692	74.000	3.920	PK
2			5465.805	61.707	57.819	-6.493	68.200	3.888	PK
3			5470.000	60.324	56.459	-7.876	68.200	3.865	PK
4		*	5513.070	87.474	83.260	N/A	N/A	4.214	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:52
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5530MHz + 5610MHz	

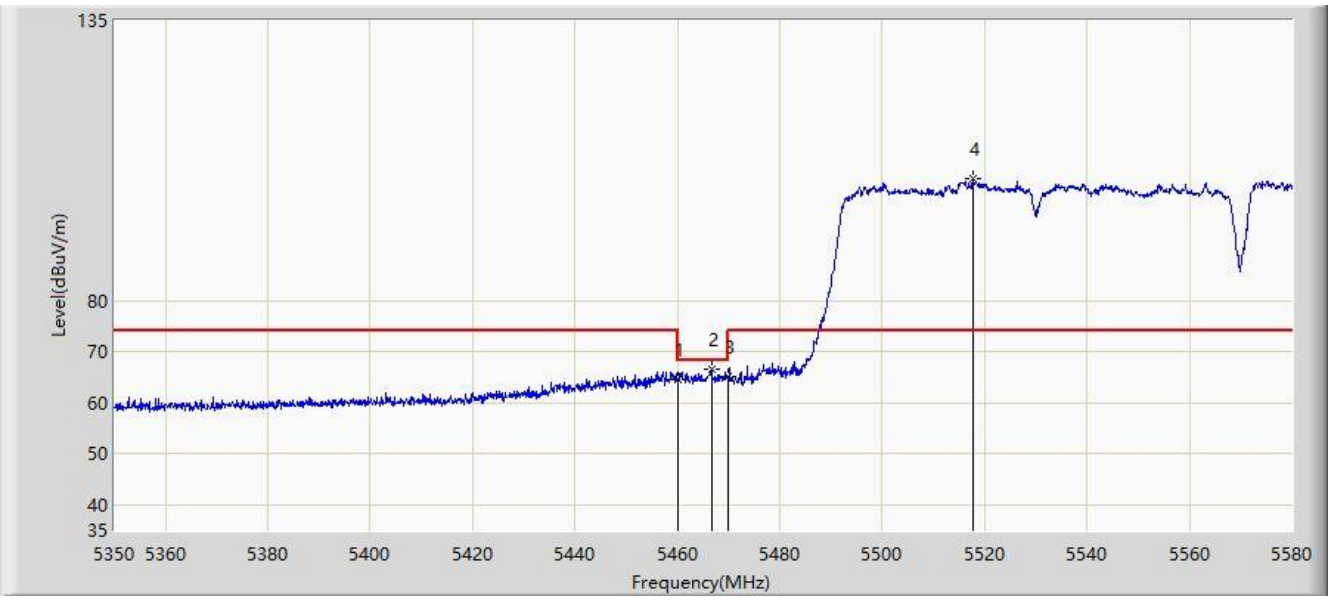


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	48.581	44.661	-5.419	54.000	3.920	AV
2		*	5505.710	76.781	72.597	N/A	N/A	4.184	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5530MHz + 5610MHz	

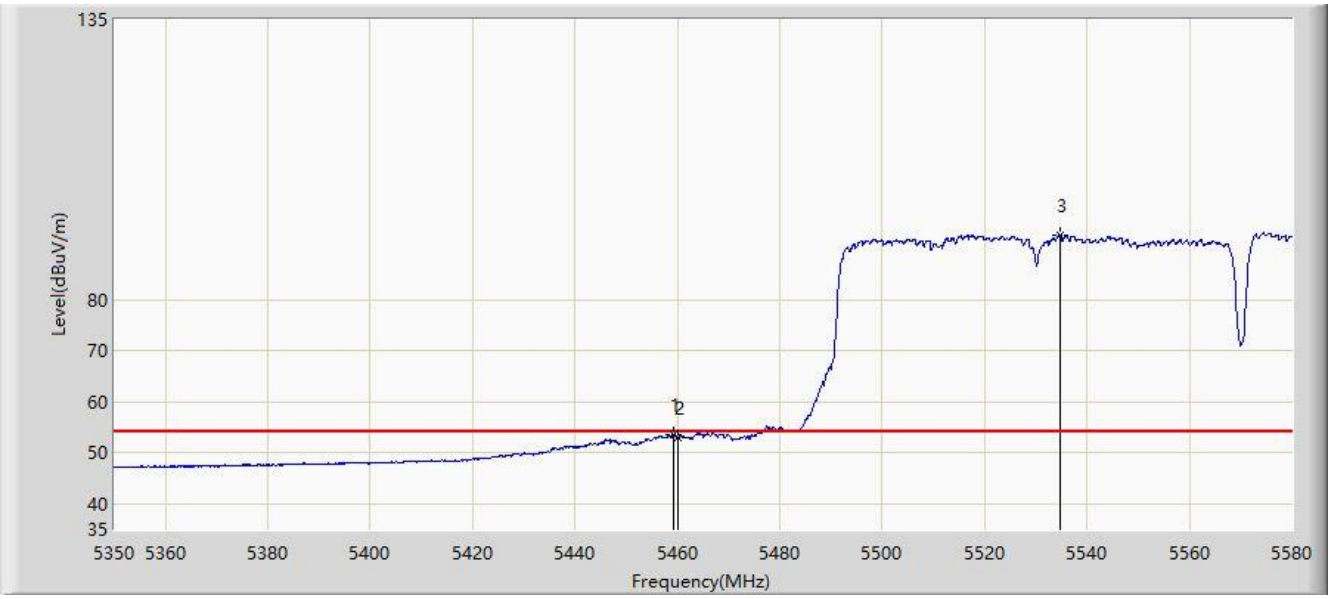


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	64.589	60.669	-9.411	74.000	3.920	PK
2			5466.610	66.657	62.773	-1.543	68.200	3.884	PK
3			5470.000	65.106	61.241	-3.094	68.200	3.865	PK
4		*	5517.670	103.992	99.783	N/A	N/A	4.208	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:55
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5530MHz + 5610MHz	

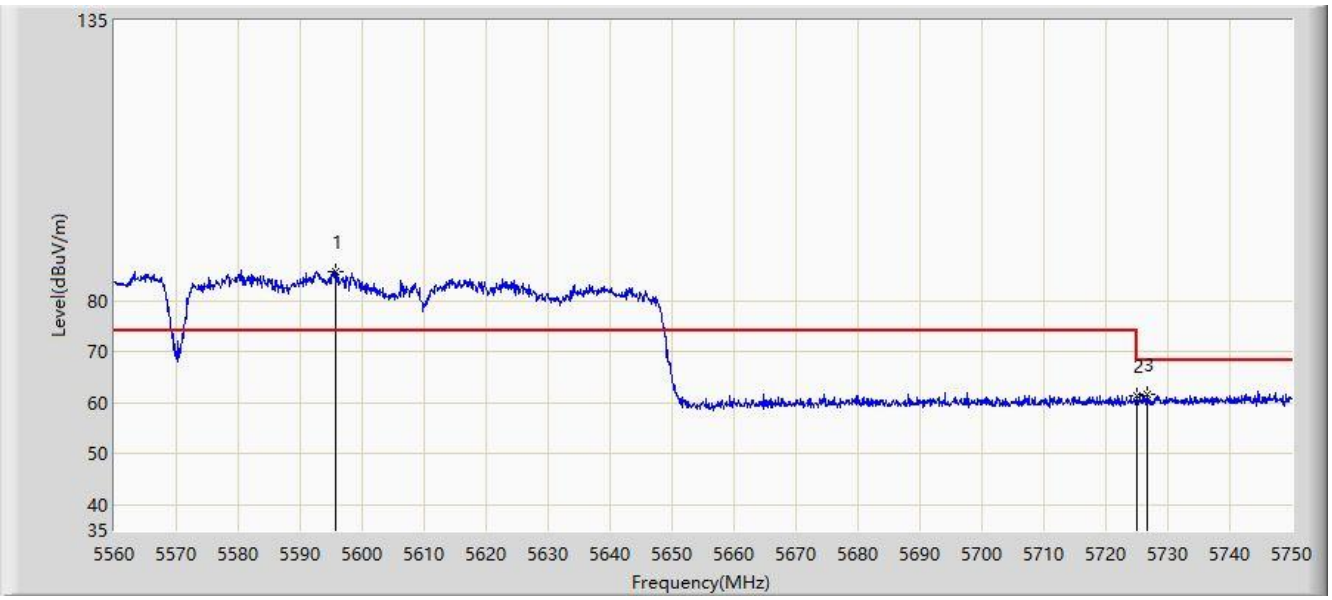


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5459.135	53.488	49.563	-0.512	54.000	3.925	AV
2			5460.000	53.009	49.089	-0.991	54.000	3.920	AV
3		*	5534.805	92.620	88.208	N/A	N/A	4.412	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 15:59
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5530MHz + 5610MHz	

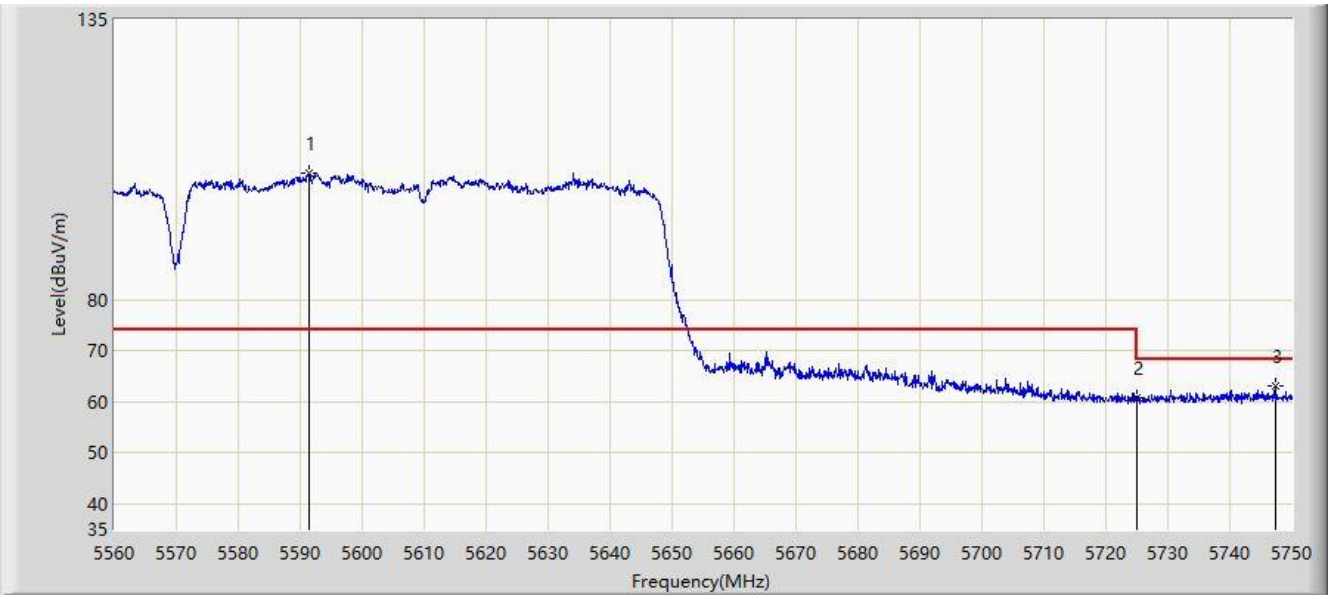


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5595.815	85.864	81.474	N/A	N/A	4.390	PK
2			5725.000	61.273	57.047	-6.927	68.200	4.226	PK
3			5726.725	61.700	57.472	-6.500	68.200	4.228	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:02
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5530MHz + 5610MHz	

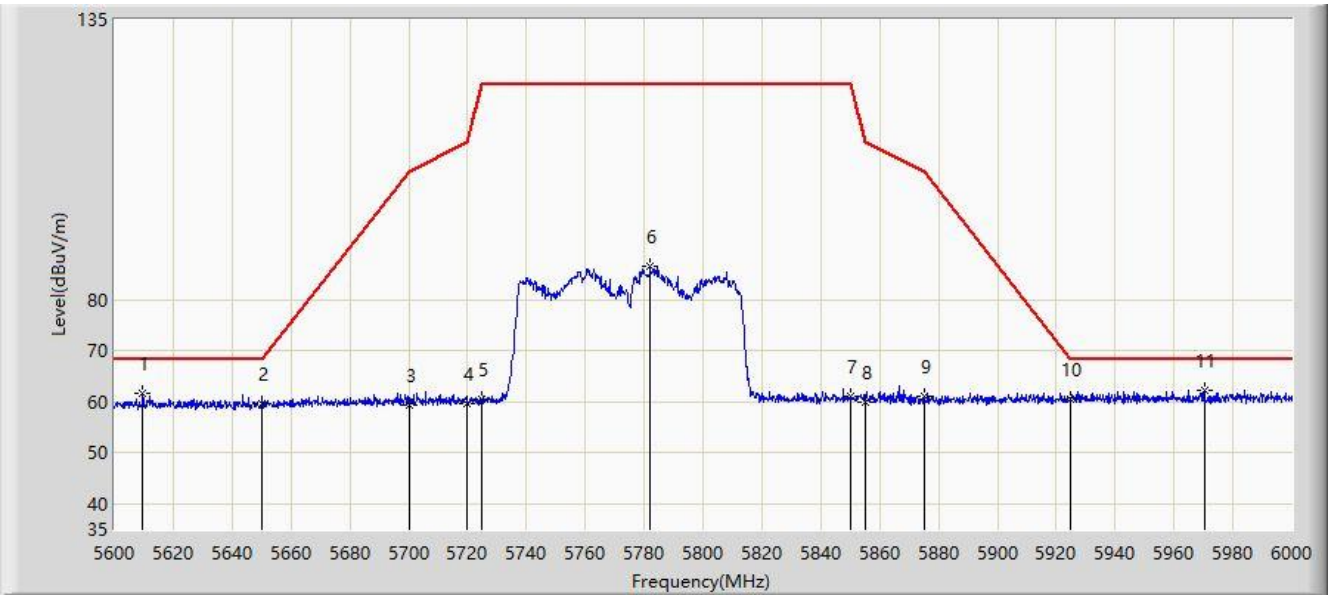


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5591.540	104.757	100.599	N/A	N/A	4.158	PK
2			5725.000	60.889	56.663	-7.311	68.200	4.226	PK
3			5747.340	62.989	58.653	-5.211	68.200	4.336	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:18
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5775MHz + 5530MHz	

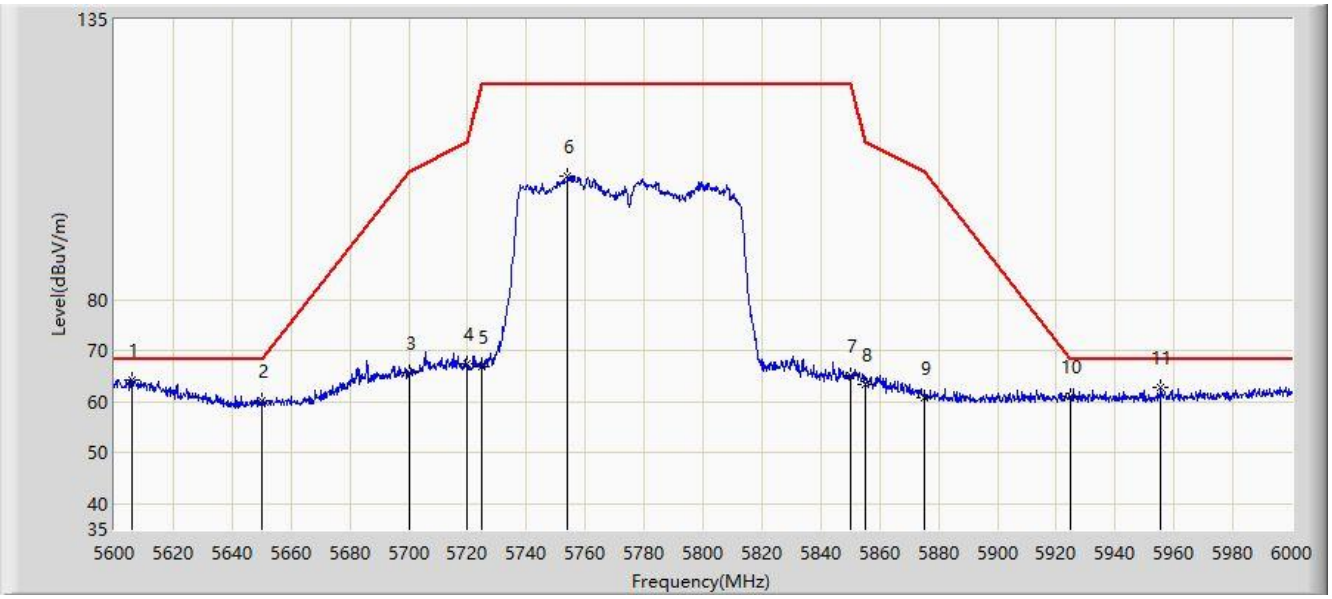


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5609.600	61.734	57.509	-6.466	68.200	4.225	PK
2			5650.000	59.500	55.382	-8.700	68.200	4.118	PK
3			5700.000	59.348	55.008	-45.852	105.200	4.340	PK
4			5720.000	59.778	55.534	-51.022	110.800	4.244	PK
5			5725.000	60.566	56.340	-61.634	122.200	4.226	PK
6			5782.000	86.578	82.106	N/A	N/A	4.473	PK
7			5850.000	60.976	56.415	-61.224	122.200	4.561	PK
8			5855.000	59.911	55.355	-50.889	110.800	4.557	PK
9			5875.000	61.187	56.662	-44.013	105.200	4.526	PK
10			5925.000	60.651	55.879	-7.549	68.200	4.772	PK
11		*	5970.200	62.209	57.620	-5.991	68.200	4.589	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:28
Limit: FCC_Part15.407_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5775MHz + 5530MHz	

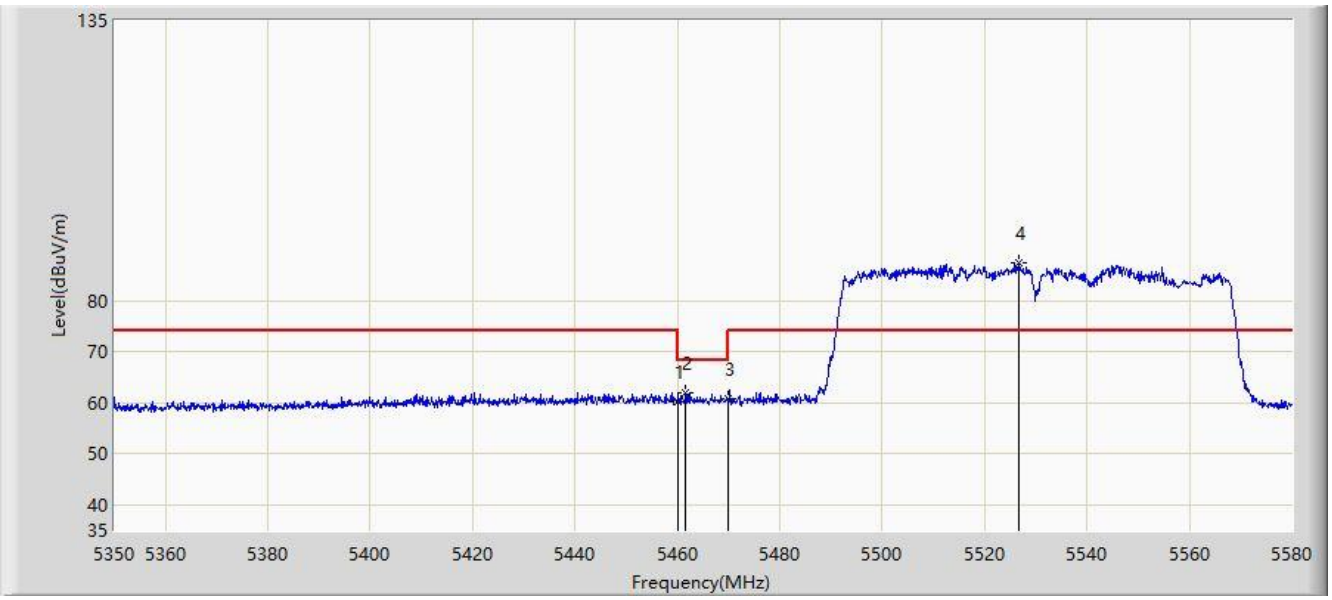


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		*	5606.000	64.339	60.103	-3.861	68.200	4.236	PK
2			5650.000	60.137	56.019	-8.063	68.200	4.118	PK
3			5700.000	65.856	61.516	-39.344	105.200	4.340	PK
4			5720.000	67.493	63.249	-43.307	110.800	4.244	PK
5			5725.000	66.792	62.566	-55.408	122.200	4.226	PK
6			5754.000	104.338	99.977	N/A	N/A	4.361	PK
7			5850.000	65.195	60.634	-57.005	122.200	4.561	PK
8			5855.000	63.339	58.783	-47.461	110.800	4.557	PK
9			5875.000	60.913	56.388	-44.287	105.200	4.526	PK
10			5925.000	61.122	56.350	-7.078	68.200	4.772	PK
11			5955.400	62.940	58.302	-5.260	68.200	4.638	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:10
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5775MHz + 5530MHz	

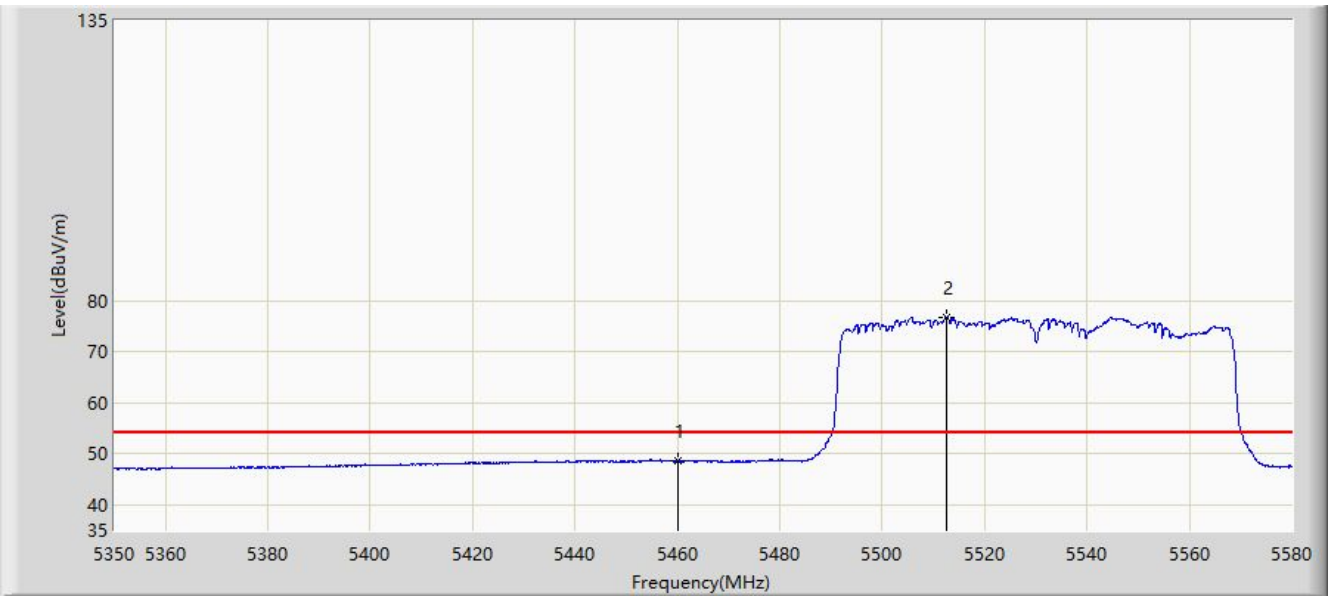


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	60.191	56.271	-13.809	74.000	3.920	PK
2			5461.665	62.074	58.163	-6.126	68.200	3.912	PK
3			5470.000	60.839	56.974	-7.361	68.200	3.865	PK
4		*	5526.755	87.422	83.268	N/A	N/A	4.154	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:13
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Horizontal
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5775MHz + 5530MHz	

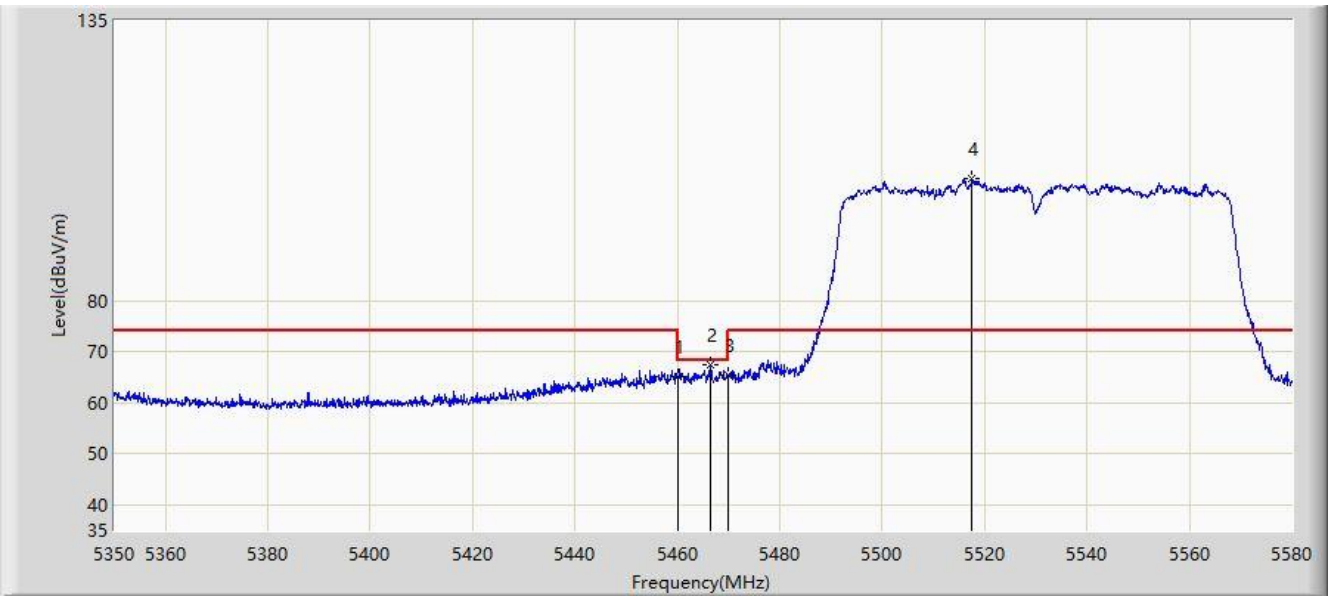


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	48.490	44.570	-5.510	54.000	3.920	AV
2		*	5512.495	76.798	72.583	N/A	N/A	4.215	AV

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5775MHz + 5530MHz	

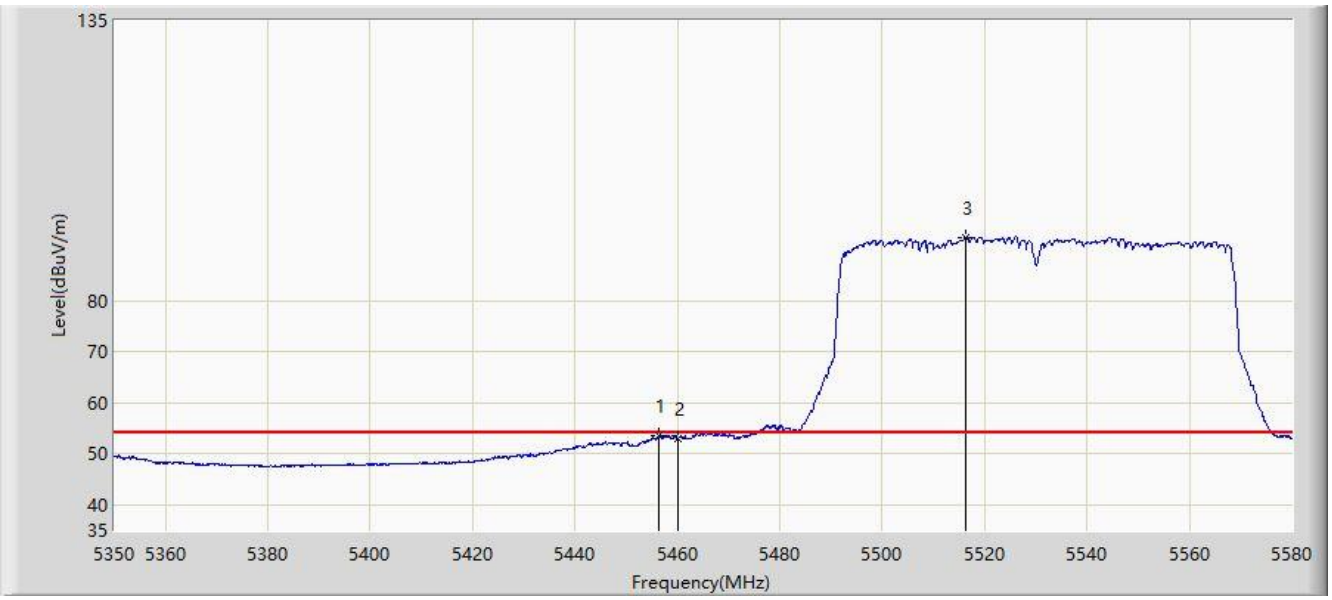


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5460.000	65.190	61.270	-8.810	74.000	3.920	PK
2			5466.380	67.551	63.666	-0.649	68.200	3.884	PK
3			5470.000	65.308	61.443	-2.892	68.200	3.865	PK
4		*	5517.555	103.914	99.705	N/A	N/A	4.209	PK

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

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

Site: WZ-AC1	Time: 2021/04/24 - 16:15
Limit: FCC_Part15.209_RE(3m)	Engineer: Buter Shi
Probe: WZ-AC1_BBHA9120D_1-18GHz	Polarity: Vertical
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 + 80 at Channel 5775MHz + 5530MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1			5456.490	53.602	49.662	-0.398	54.000	3.940	AV
2			5460.000	52.869	48.949	-1.131	54.000	3.920	AV
3		*	5516.175	92.317	88.107	N/A	N/A	4.211	AV

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

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

5.9. AC Conducted Emissions Measurement

5.9.1.Test Limit

FCC Part 15.207 Limit		
Frequency (MHz)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.		

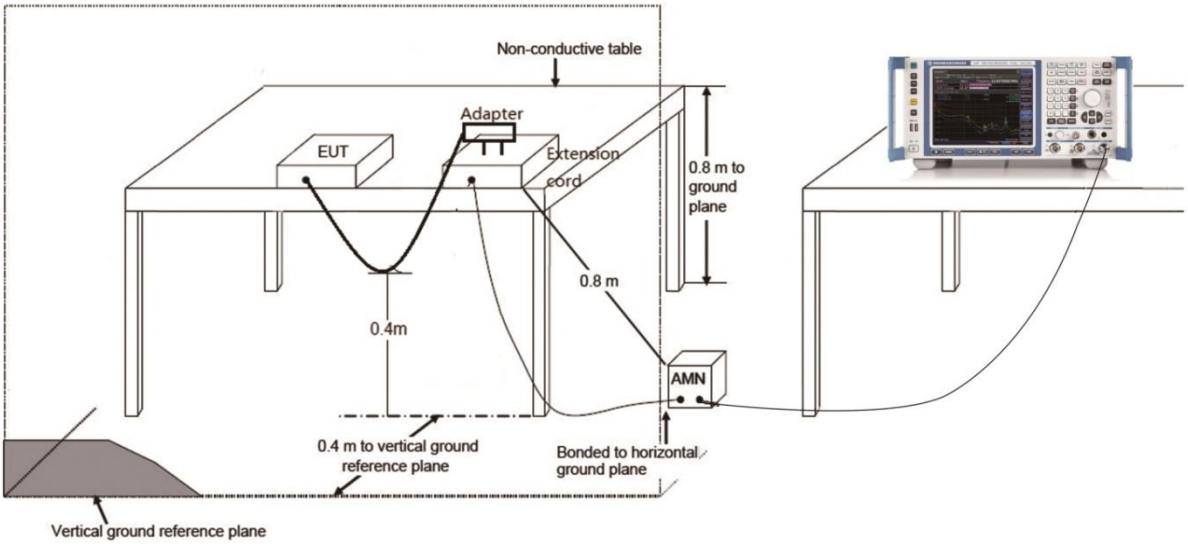
5.9.2.Test Setting

The EUT was setup according to ANSI C63.4, 2014 and tested according to KDB 789033 for compliance to FCC 47 CFR 15.207 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

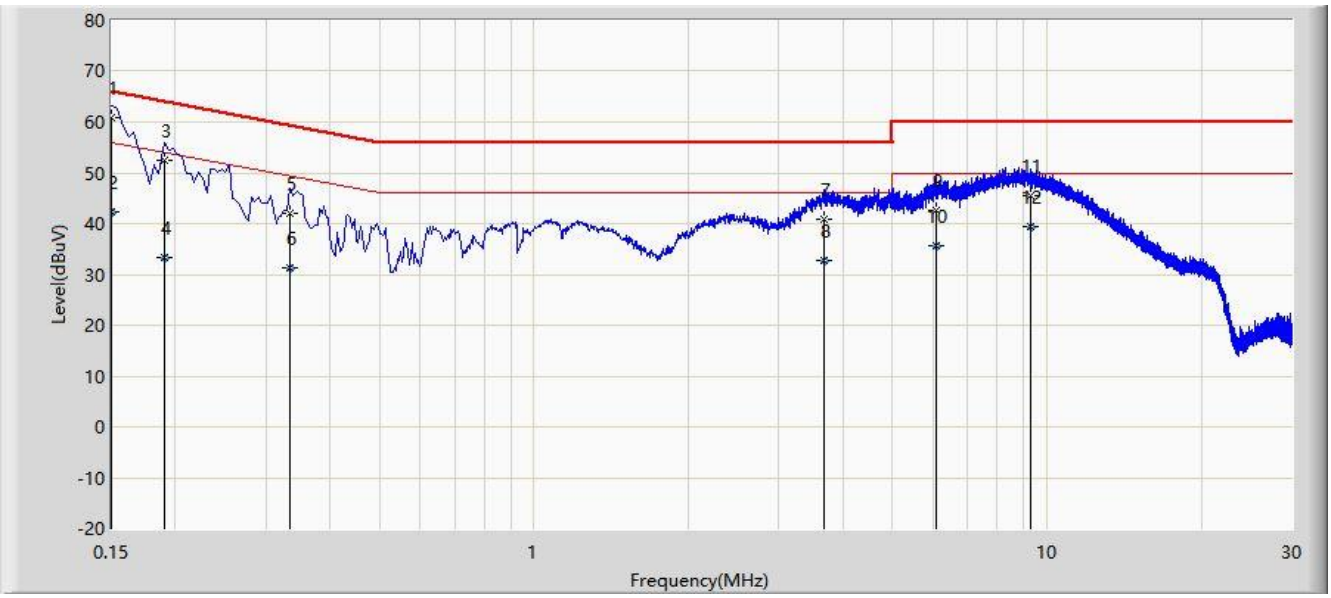
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

5.9.3.Test Setup



5.9.4.Test Result

Site: WZ-SR2	Time: 2021/05/25 - 11:22
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_Without Adapter	Polarity: Line
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz	

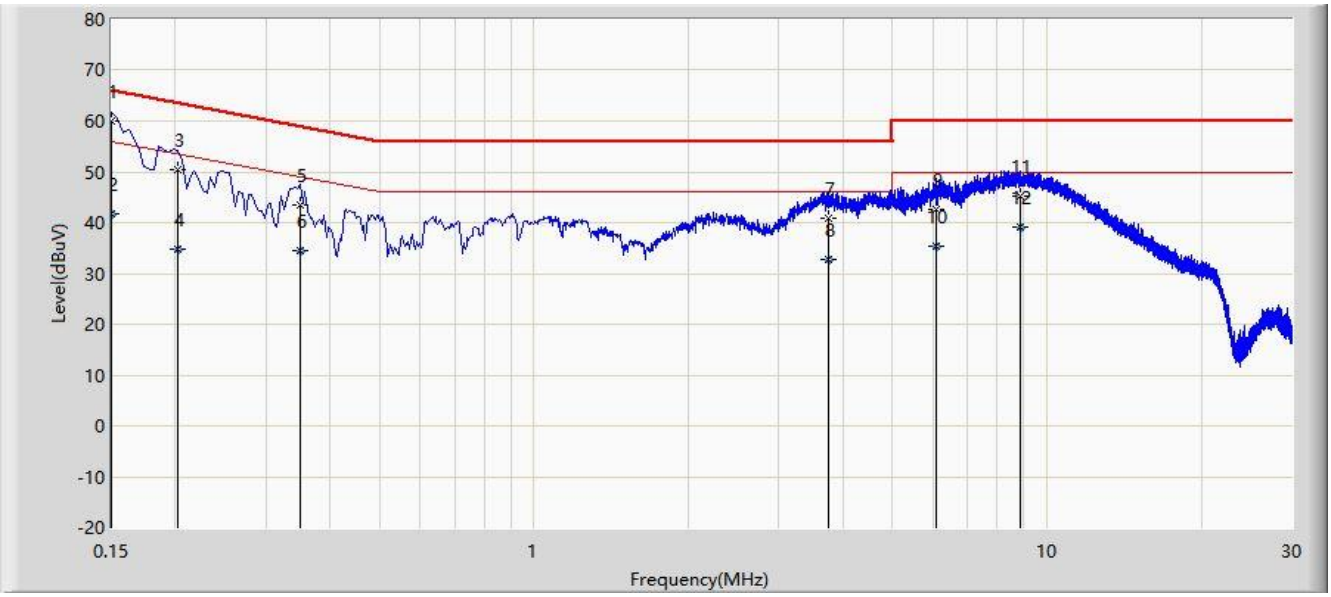


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		*	0.150	60.964	51.166	-5.036	66.000	9.798	QP
2			0.150	42.366	32.568	-13.634	56.000	9.798	AV
3			0.190	52.595	42.779	-11.441	64.037	9.816	QP
4			0.190	33.411	23.594	-20.626	54.037	9.816	AV
5			0.334	42.042	32.200	-17.309	59.351	9.843	QP
6			0.334	31.403	21.561	-17.948	49.351	9.843	AV
7			3.666	40.882	30.693	-15.118	56.000	10.189	QP
8			3.666	32.881	22.693	-13.119	46.000	10.189	AV
9			6.062	42.713	32.244	-17.287	60.000	10.469	QP
10			6.062	35.539	25.070	-14.461	50.000	10.469	AV
11			9.302	45.405	34.818	-14.595	60.000	10.587	QP
12			9.302	39.361	28.774	-10.639	50.000	10.587	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

Site: WZ-SR2	Time: 2021/05/25 - 11:28
Limit: FCC_Part15.207_CE_AC Power	Engineer: Linda Wei
Probe: ENV216_101683_Filter Off_Without Adapter	Polarity: Neutral
EUT: Dual Band 4x4 802.11ac Wave 2 Mini PCIe WiFi Module	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5785MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		*	0.150	59.881	50.093	-6.119	66.000	9.788	QP
2			0.150	41.861	32.073	-14.139	56.000	9.788	AV
3			0.202	50.395	40.586	-13.133	63.528	9.809	QP
4			0.202	34.816	25.007	-18.712	53.528	9.809	AV
5			0.350	43.448	33.613	-15.514	58.962	9.835	QP
6			0.350	34.583	24.748	-14.379	48.962	9.835	AV
7			3.738	40.924	30.728	-15.076	56.000	10.196	QP
8			3.738	32.884	22.688	-13.116	46.000	10.196	AV
9			6.082	42.645	32.186	-17.355	60.000	10.459	QP
10			6.082	35.395	24.935	-14.605	50.000	10.459	AV
11			8.842	45.348	34.780	-14.652	60.000	10.569	QP
12			8.842	39.143	28.575	-10.857	50.000	10.569	AV

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

Factor (dB) = Cable Loss (dB) + LISN Factor (dB)

6. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

The End

Appendix A - Test Setup Photograph

Refer to “2103RSU077-UT” file.

Appendix B - EUT Photograph

Refer to “2103RSU077-UE” file.