

Site: SIP-AC3	Time: 2021/02/20 - 10:33
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11n-HT40 at channel 5670MHz	

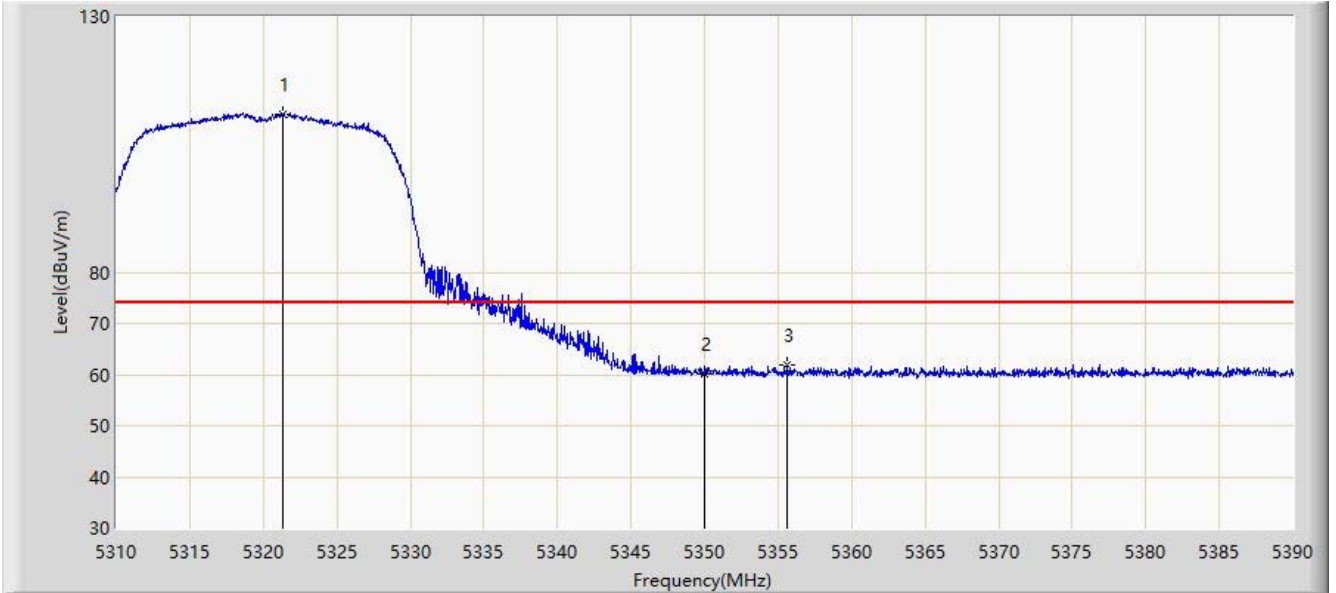


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5665.750	112.786	121.921	N/A	N/A	-9.134	PK
2			5725.000	63.829	72.880	-4.371	68.200	-9.051	PK
3			5729.950	64.791	73.890	-3.409	68.200	-9.099	PK

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

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

Site: SIP-AC3	Time: 2021/01/31 - 15:39
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

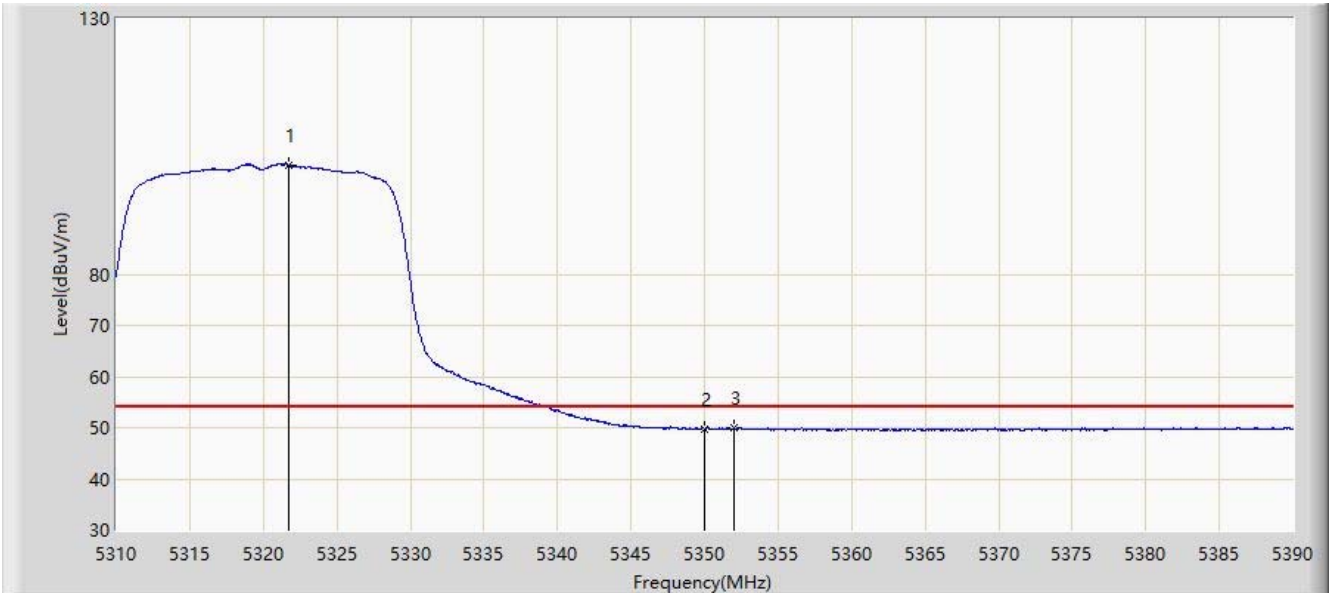


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5321.320	110.932	120.128	N/A	N/A	-9.195	PK
2			5350.000	60.225	69.434	-13.775	74.000	-9.208	PK
3			5355.640	61.940	71.164	-12.060	74.000	-9.224	PK

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

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

Site: SIP-AC3	Time: 2021/01/31 - 15:45
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

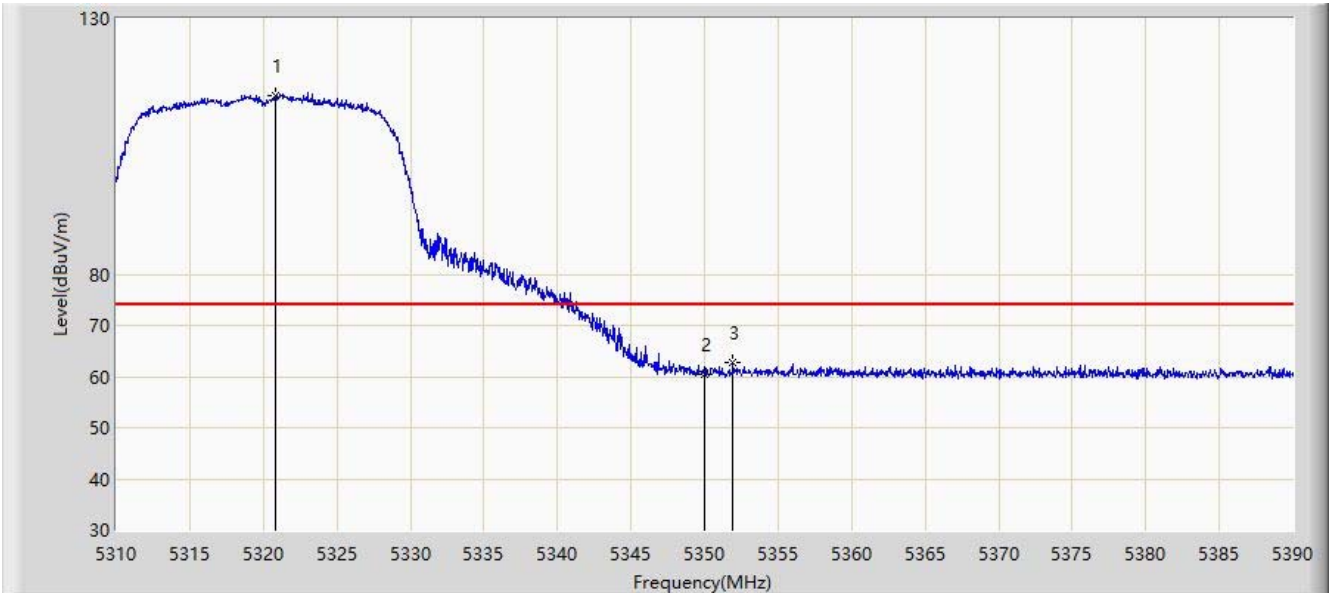


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5321.760	101.361	110.552	N/A	N/A	-9.191	AV
2			5350.000	49.851	59.060	-4.149	54.000	-9.208	AV
3			5352.040	49.981	59.210	-4.019	54.000	-9.229	AV

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

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

Site: SIP-AC3	Time: 2021/01/31 - 15:50
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

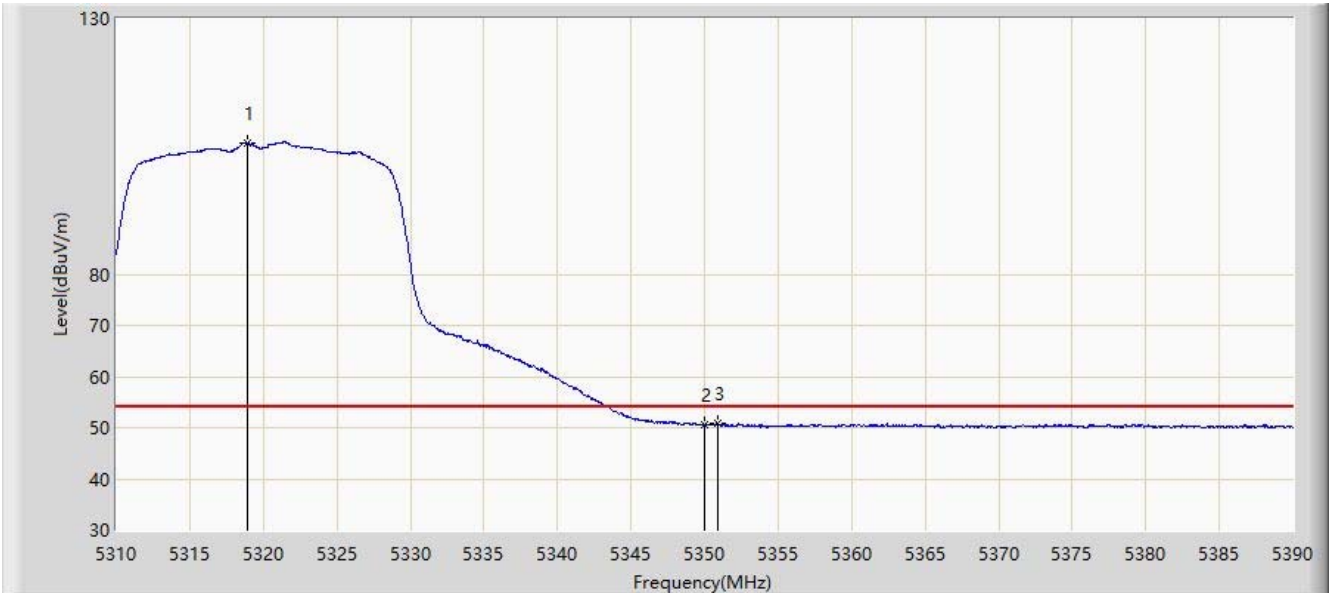


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5320.840	115.010	124.210	N/A	N/A	-9.201	PK
2			5350.000	60.551	69.760	-13.449	74.000	-9.208	PK
3			5351.920	62.636	71.864	-11.364	74.000	-9.228	PK

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

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

Site: SIP-AC3	Time: 2021/01/31 - 15:54
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5320MHz	

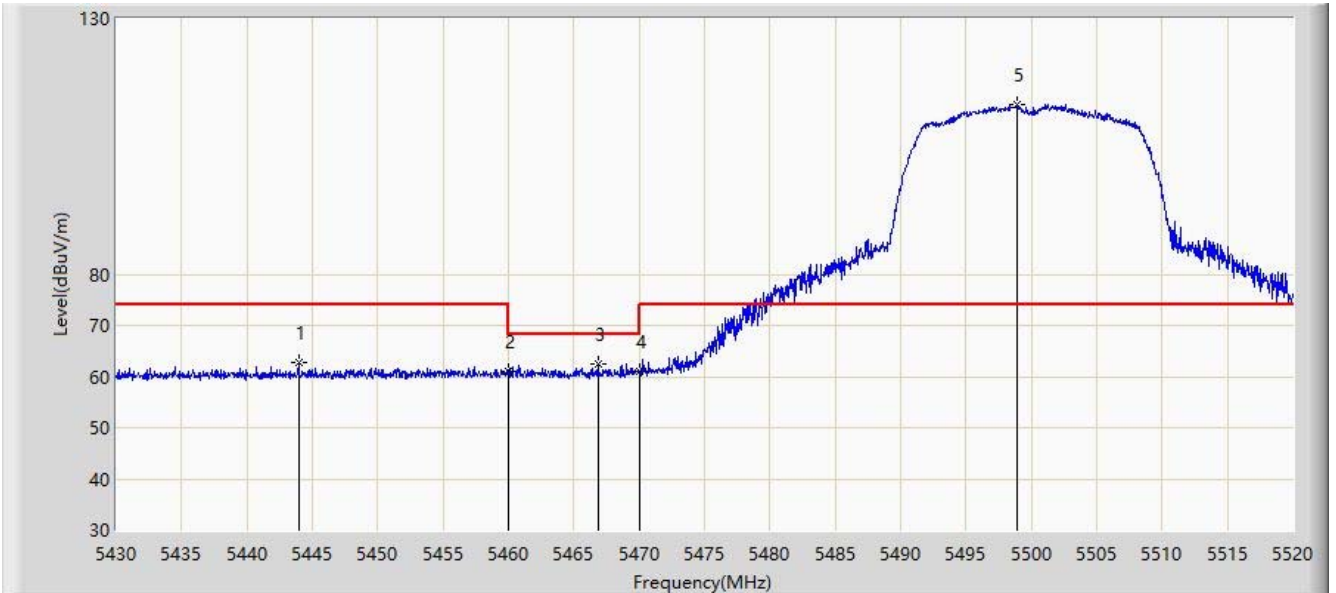


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5318.920	105.750	114.970	N/A	N/A	-9.220	AV
2			5350.000	50.593	59.802	-3.407	54.000	-9.208	AV
3			5350.880	50.897	60.115	-3.103	54.000	-9.217	AV

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

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

Site: SIP-AC3	Time: 2021/01/31 - 15:56
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

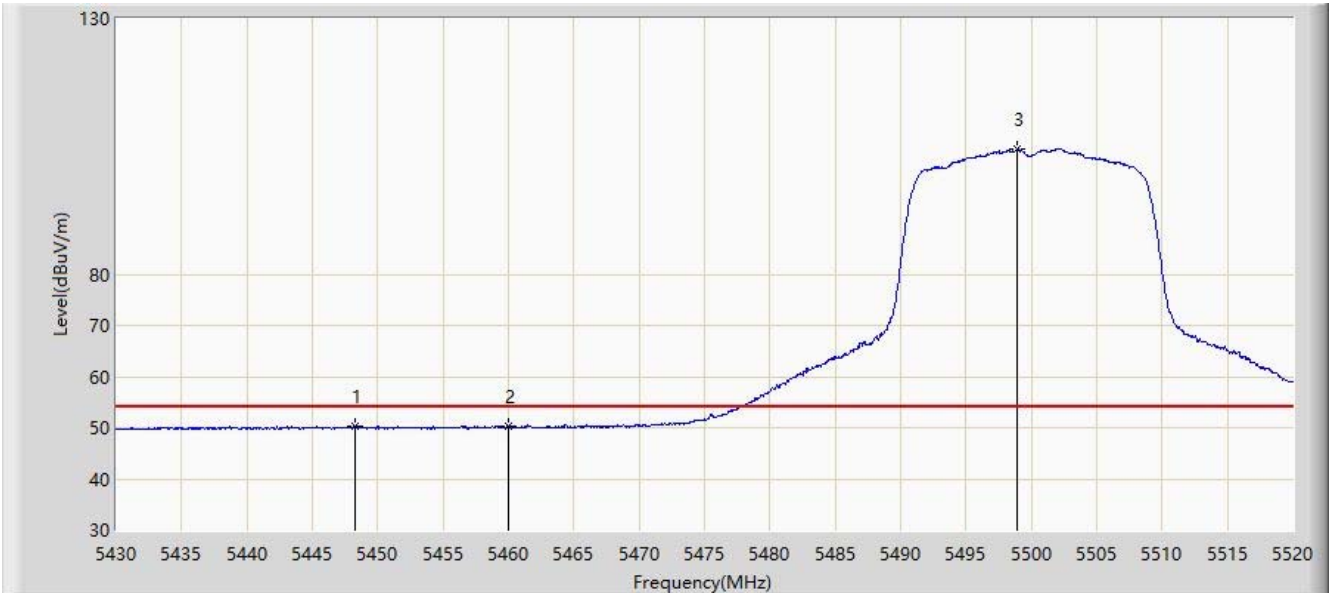


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5443.950	62.709	71.592	-11.291	74.000	-8.883	PK
2			5460.000	60.881	69.859	-13.119	74.000	-8.979	PK
3			5466.855	62.525	71.583	-5.675	68.200	-9.058	PK
4			5470.000	60.983	70.077	-7.217	68.200	-9.094	PK
5		*	5498.895	113.287	122.123	N/A	N/A	-8.836	PK

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

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

Site: SIP-AC3	Time: 2021/01/31 - 16:01
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

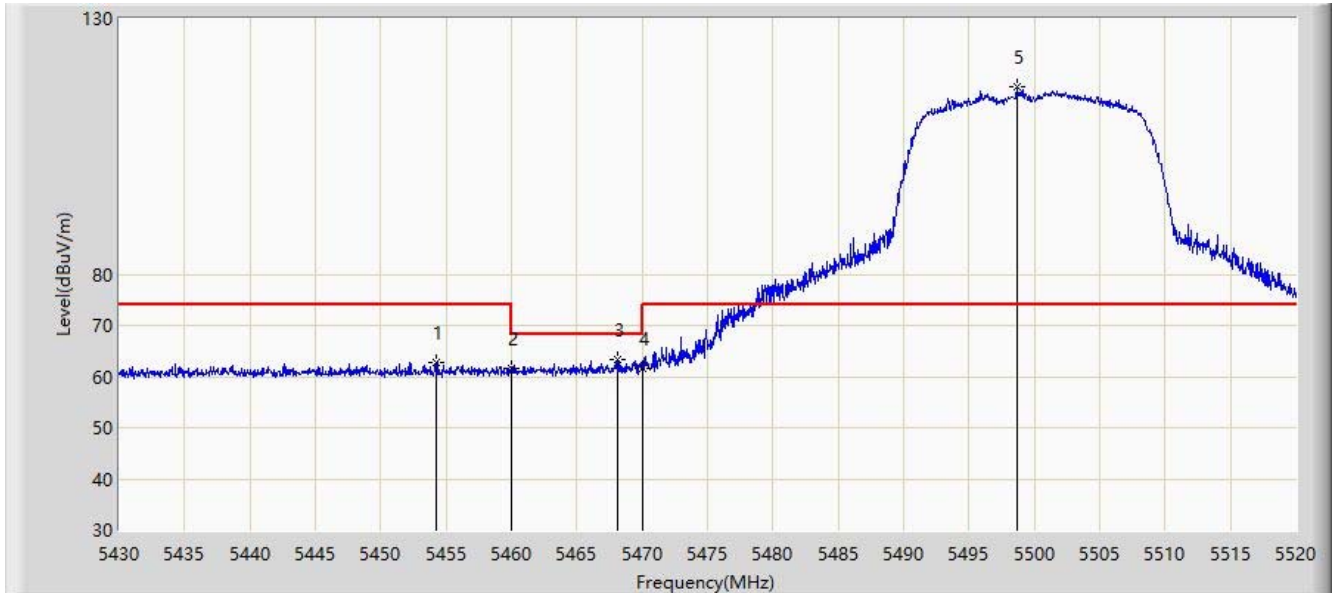


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5448.270	50.424	59.318	-3.576	54.000	-8.894	AV
2			5460.000	50.206	59.184	-3.794	54.000	-8.979	AV
3		*	5498.940	104.380	113.215	N/A	N/A	-8.836	AV

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

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

Site: SIP-AC3	Time: 2021/01/31 - 16:04
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

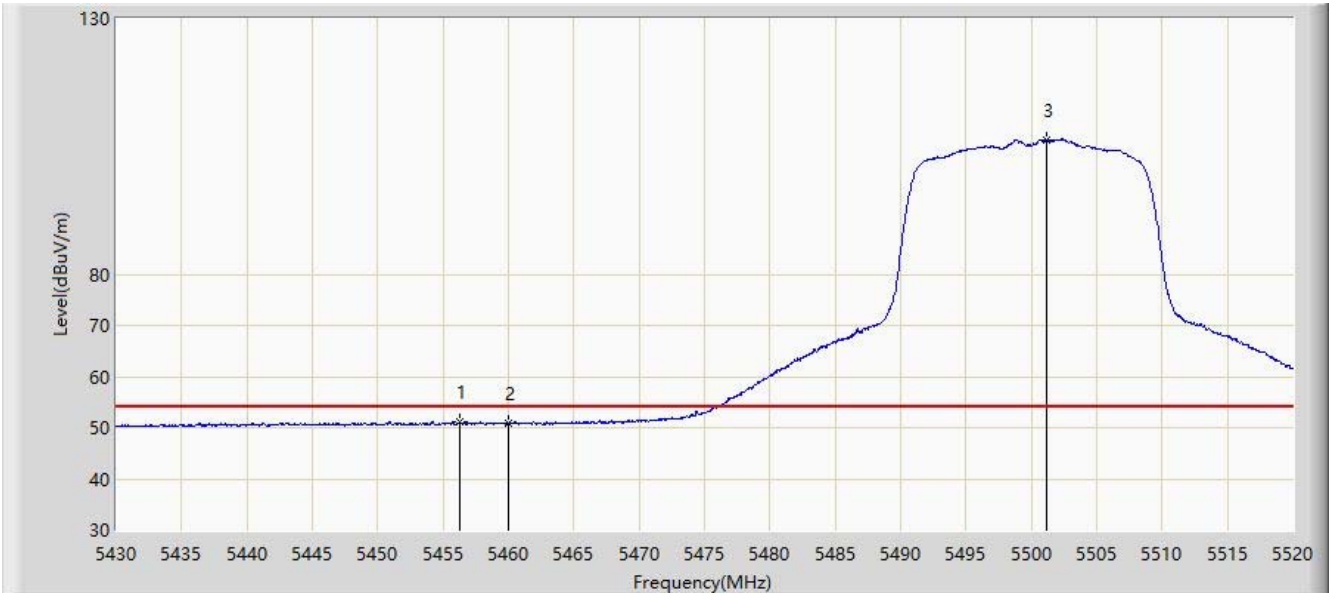


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5454.255	62.881	71.792	-11.119	74.000	-8.911	PK
2			5460.000	61.607	70.585	-12.393	74.000	-8.979	PK
3			5468.160	63.457	72.530	-4.743	68.200	-9.073	PK
4			5470.000	61.599	70.693	-6.601	68.200	-9.094	PK
5		*	5498.715	116.760	125.597	N/A	N/A	-8.838	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: SIP-AC3	Time: 2021/01/31 - 16:07
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5500MHz	

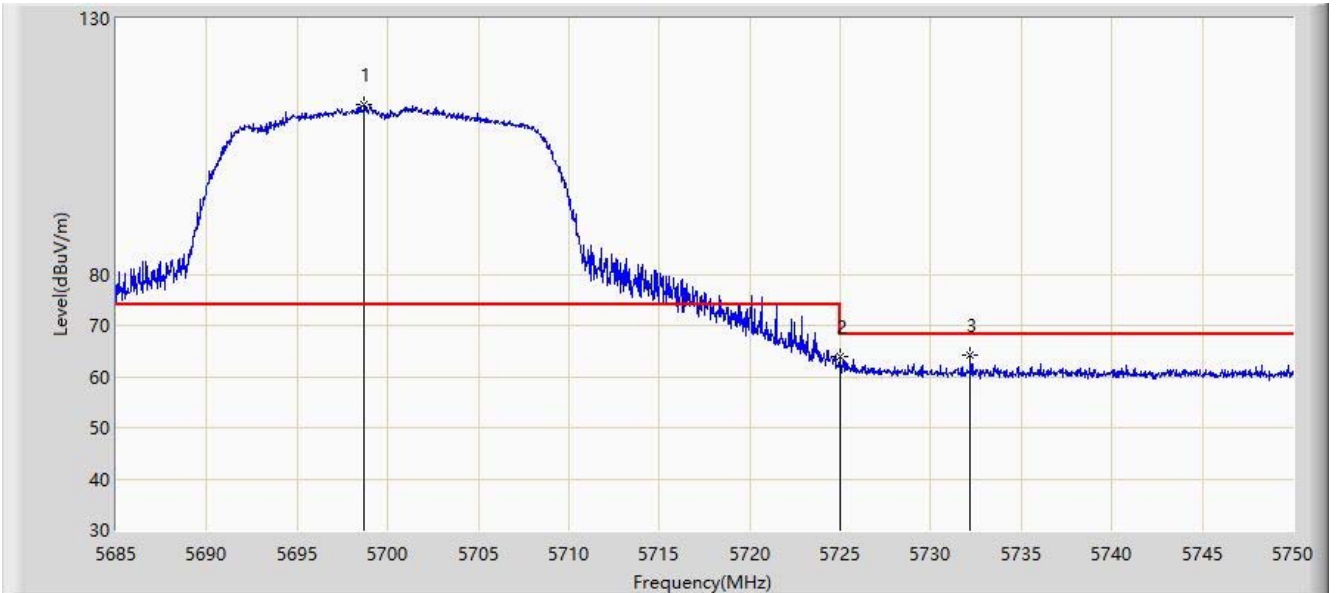


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5456.235	51.052	59.986	-2.948	54.000	-8.934	AV
2			5460.000	50.915	59.893	-3.085	54.000	-8.979	AV
3		*	5501.190	106.363	115.181	N/A	N/A	-8.818	AV

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

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

Site: SIP-AC3	Time: 2021/01/31 - 16:09
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz	

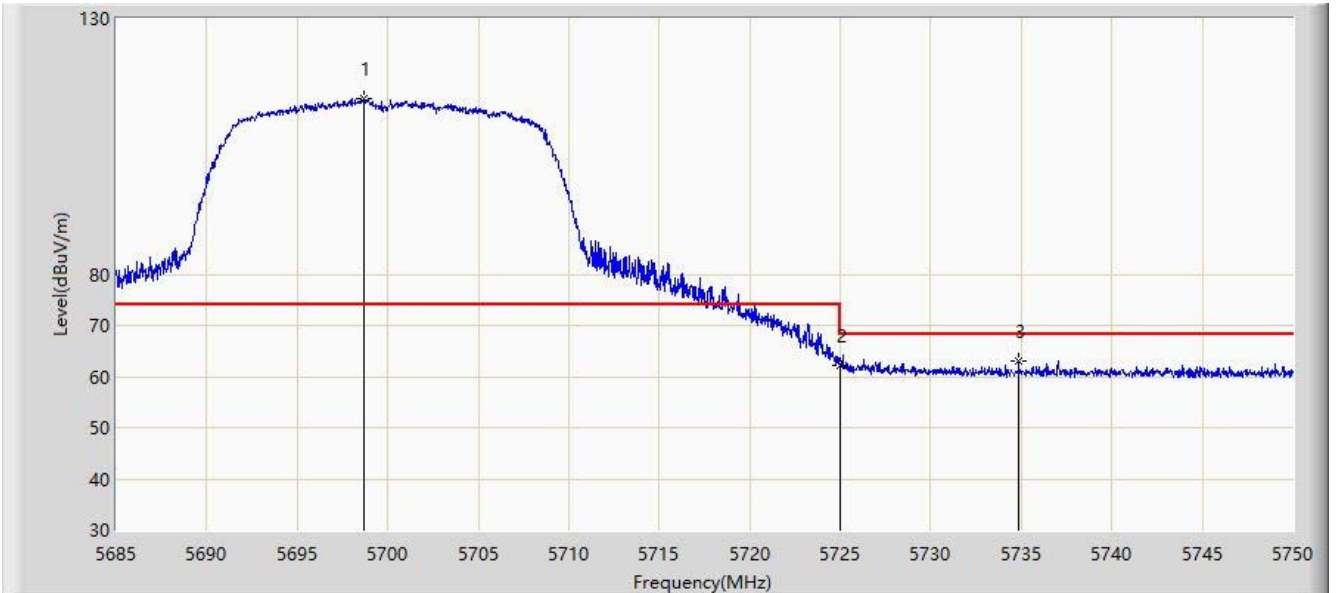


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5698.715	113.070	122.315	N/A	N/A	-9.245	PK
2			5725.000	63.884	72.935	-4.316	68.200	-9.051	PK
3			5732.190	64.304	73.438	-3.896	68.200	-9.133	PK

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

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

Site: SIP-AC3	Time: 2021/01/31 - 16:13
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at channel 5700MHz	

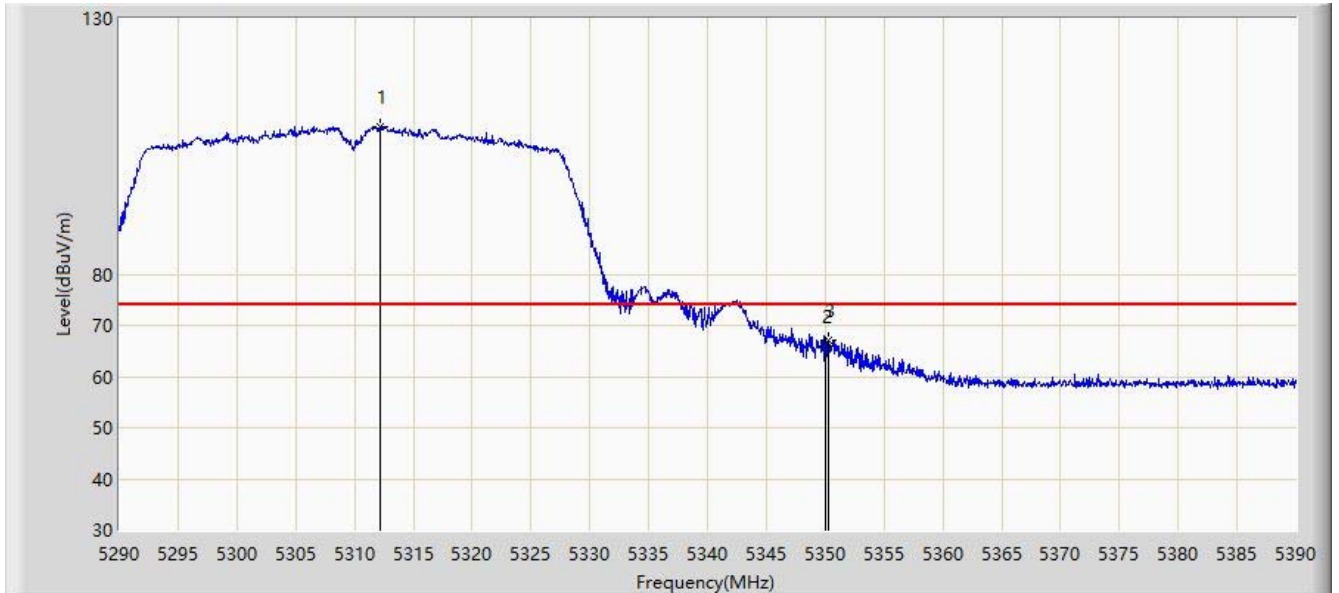


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5698.650	114.452	123.697	N/A	N/A	-9.245	PK
2			5725.000	62.077	71.128	-6.123	68.200	-9.051	PK
3			5734.855	62.902	72.077	-5.298	68.200	-9.175	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 11:22
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

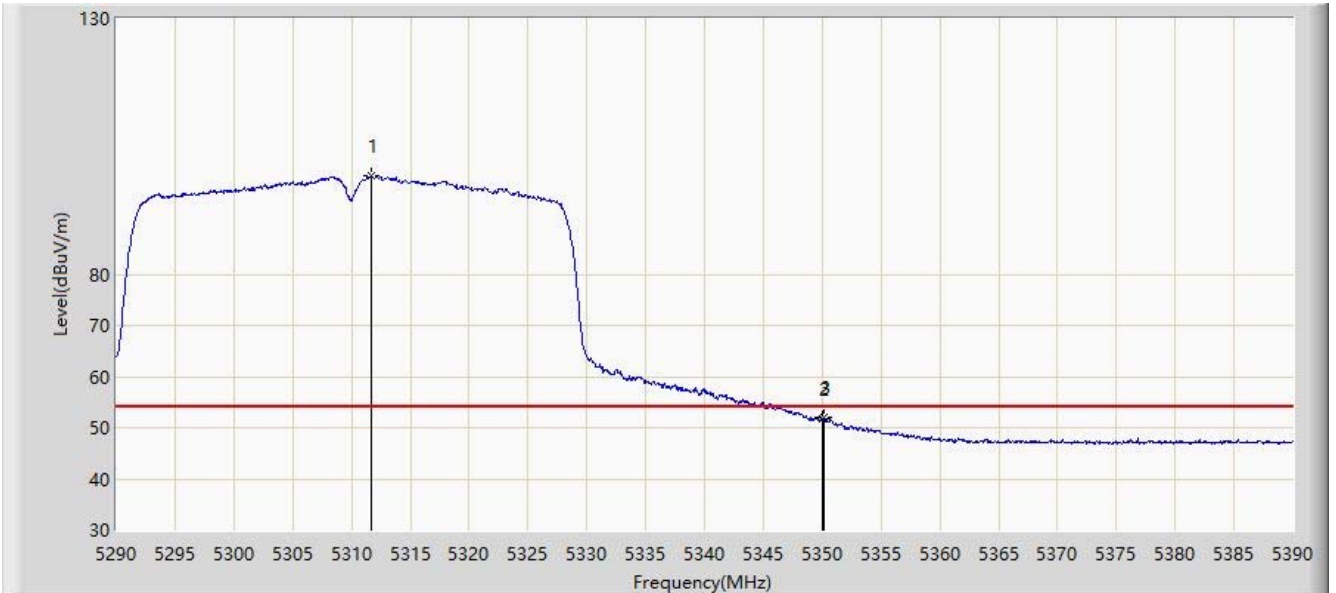


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5312.150	108.838	118.151	N/A	N/A	-9.313	PK
2			5350.000	66.083	75.292	-7.917	74.000	-9.208	PK
3			5350.300	67.066	76.278	-6.934	74.000	-9.212	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 11:25
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

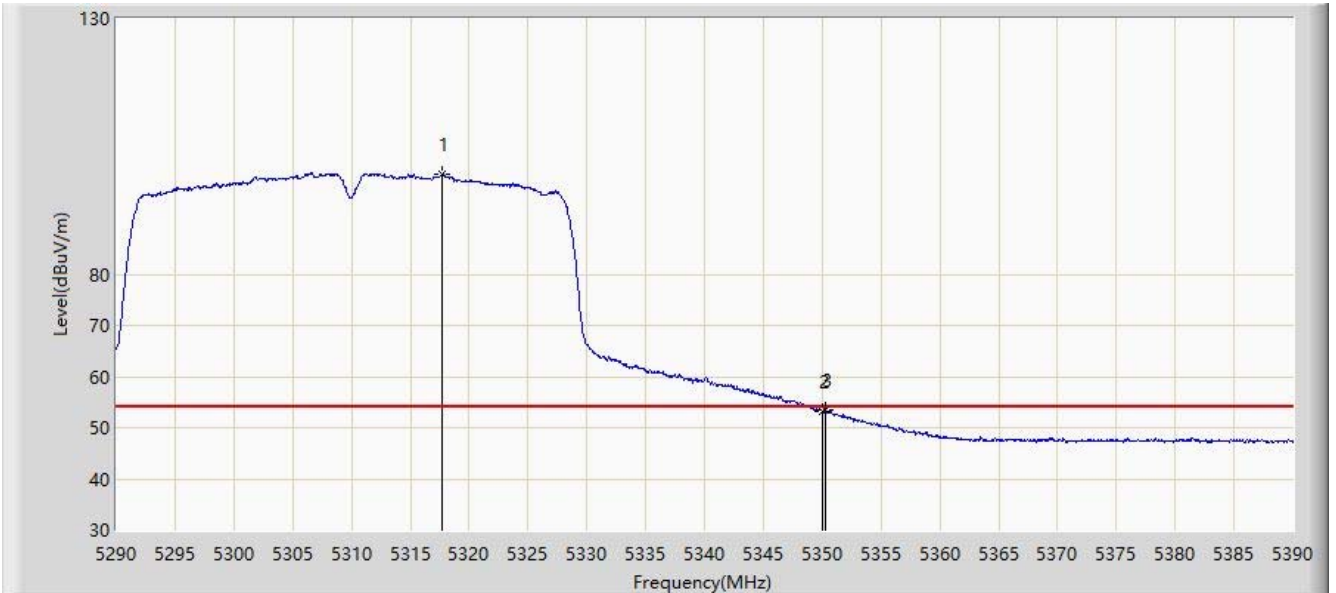


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.650	99.195	108.515	N/A	N/A	-9.320	AV
2			5350.000	51.709	60.918	-2.291	54.000	-9.208	AV
3			5350.200	51.985	61.196	-2.015	54.000	-9.211	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 11:17
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

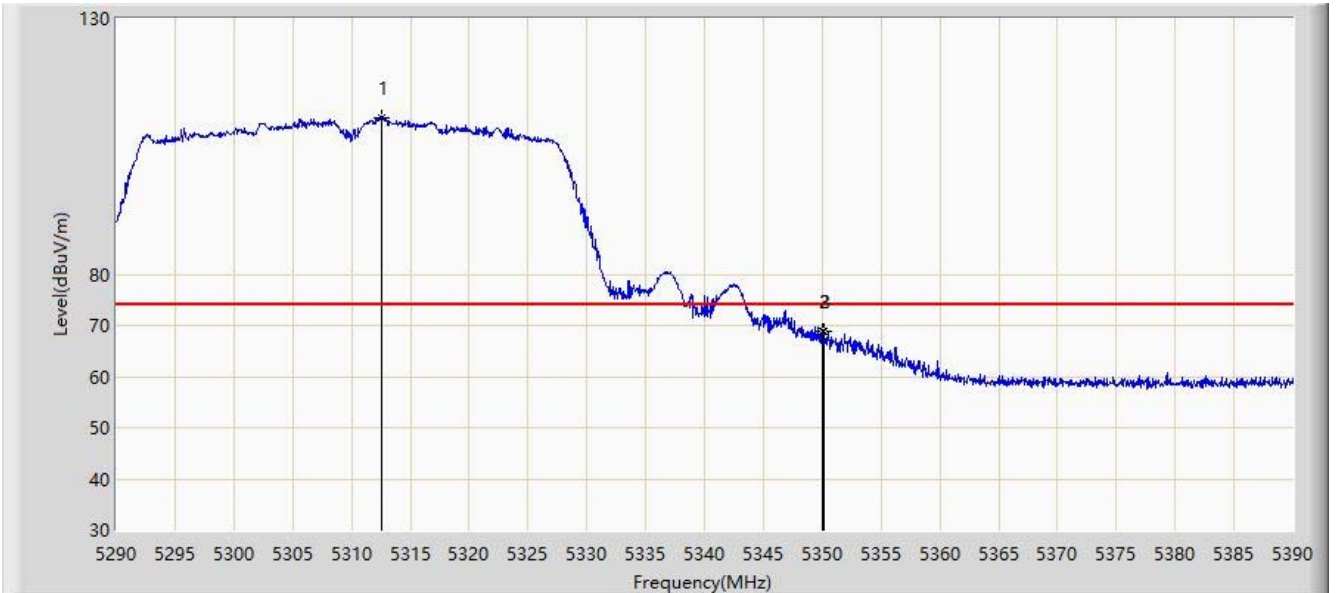


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5317.750	99.497	108.730	N/A	N/A	-9.233	AV
2			5350.000	53.090	62.299	-0.910	54.000	-9.208	AV
3			5350.250	53.485	62.696	-0.515	54.000	-9.212	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 11:20
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5310MHz	

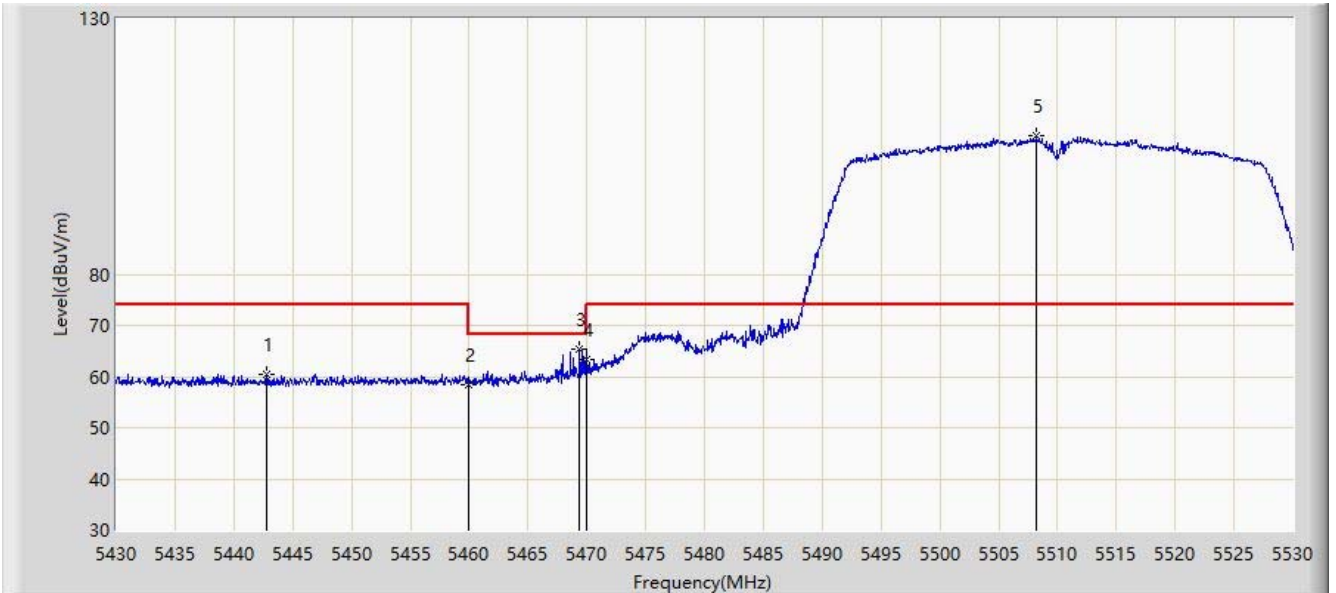


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5312.550	110.683	119.990	N/A	N/A	-9.307	PK
2			5350.000	68.732	77.941	-5.268	74.000	-9.208	PK
3			5350.200	68.952	78.163	-5.048	74.000	-9.211	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 12:00
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

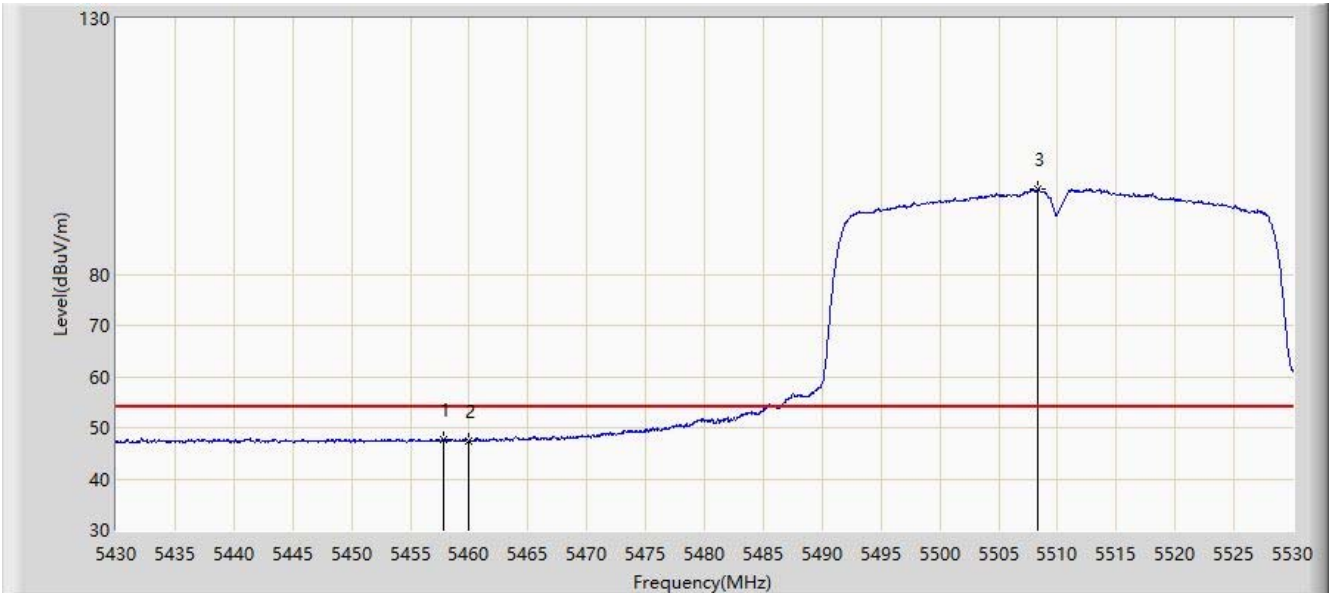


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5442.750	60.423	69.303	-13.577	74.000	-8.880	PK
2			5460.000	58.318	67.296	-15.682	74.000	-8.979	PK
3			5469.400	65.230	74.317	-2.970	68.200	-9.087	PK
4			5470.000	63.260	72.354	-4.940	68.200	-9.094	PK
5		*	5508.200	107.230	116.062	N/A	N/A	-8.832	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 13:05
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

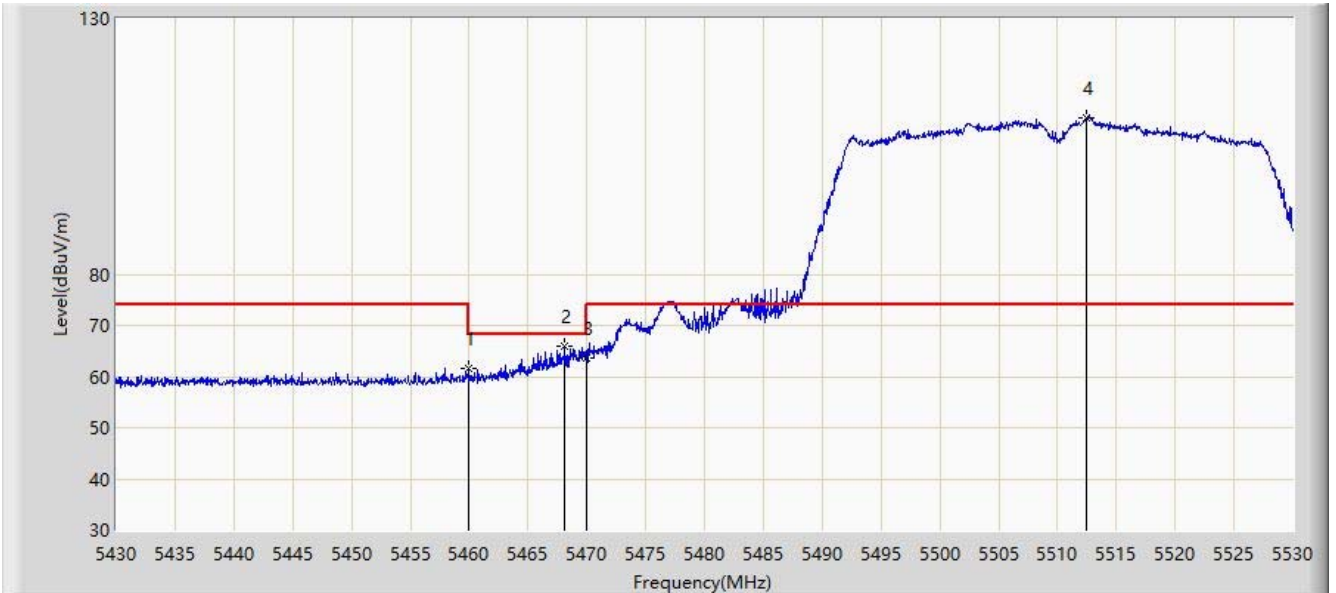


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5457.850	47.750	56.703	-6.250	54.000	-8.953	AV
2			5460.000	47.504	56.482	-6.496	54.000	-8.979	AV
3		*	5508.350	96.650	105.484	N/A	N/A	-8.835	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 11:47
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

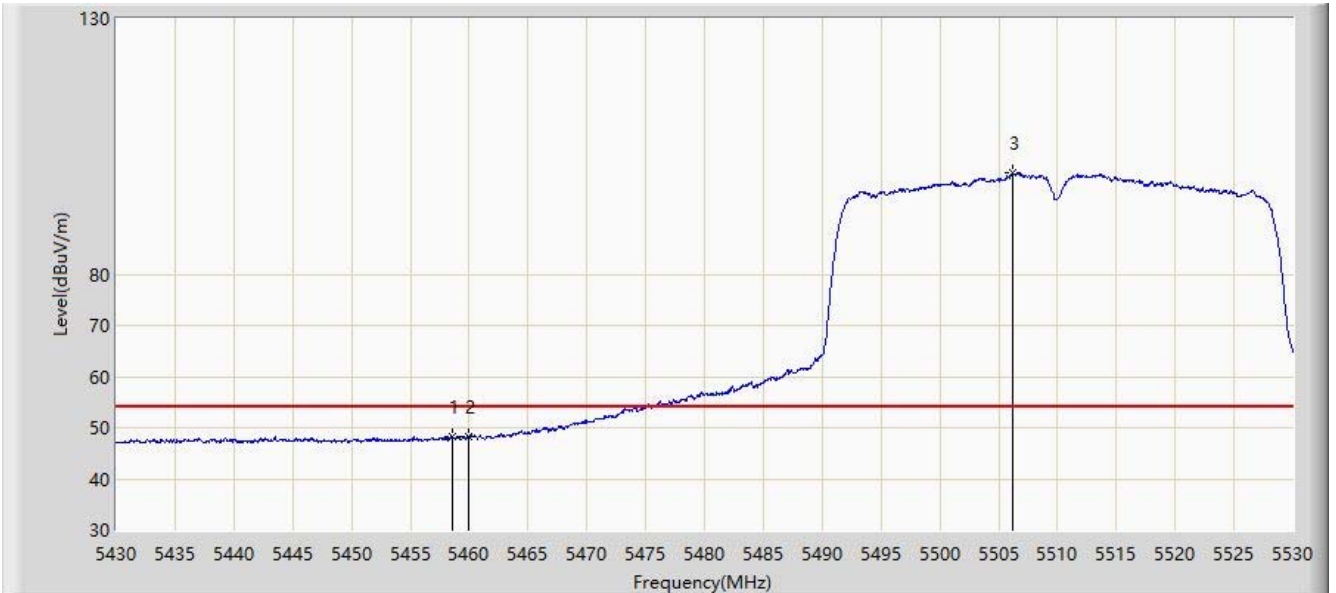


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5460.000	61.543	70.521	-12.457	74.000	-8.979	PK
2			5468.100	65.860	74.932	-2.340	68.200	-9.072	PK
3			5470.000	63.755	72.849	-4.445	68.200	-9.094	PK
4		*	5512.500	110.712	119.604	N/A	N/A	-8.892	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 11:51
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5510MHz	

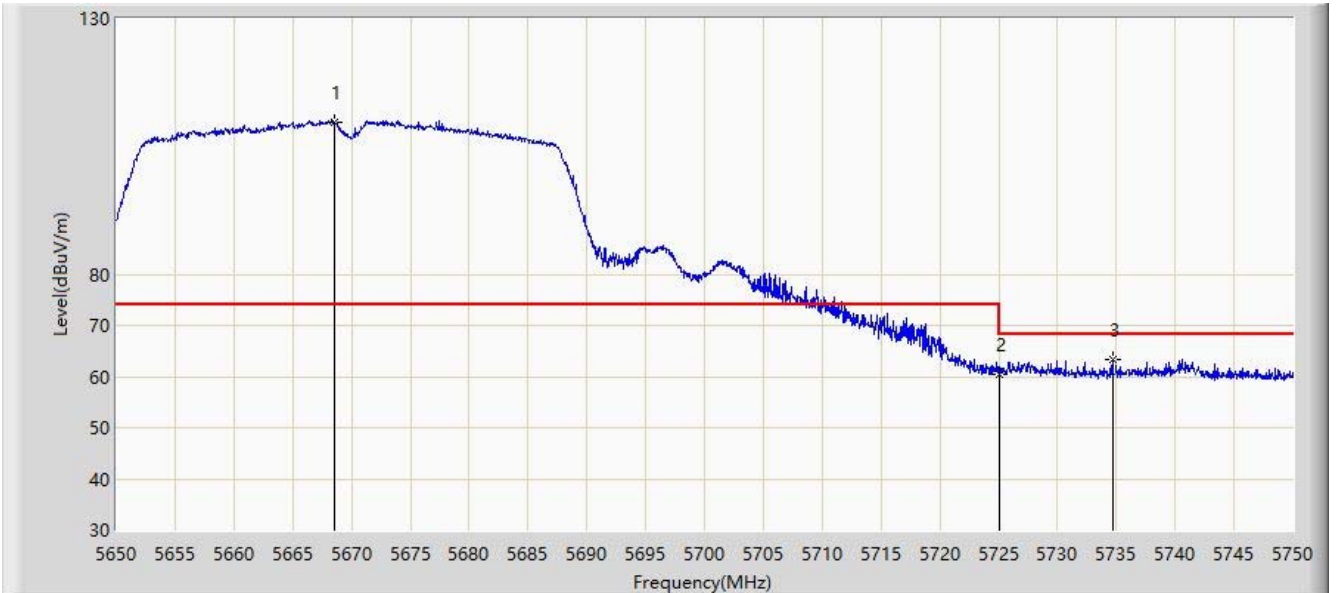


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5458.550	48.381	57.342	-5.619	54.000	-8.961	AV
2			5460.000	48.119	57.097	-5.881	54.000	-8.979	AV
3		*	5506.200	99.761	108.566	N/A	N/A	-8.805	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 13:13
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz	

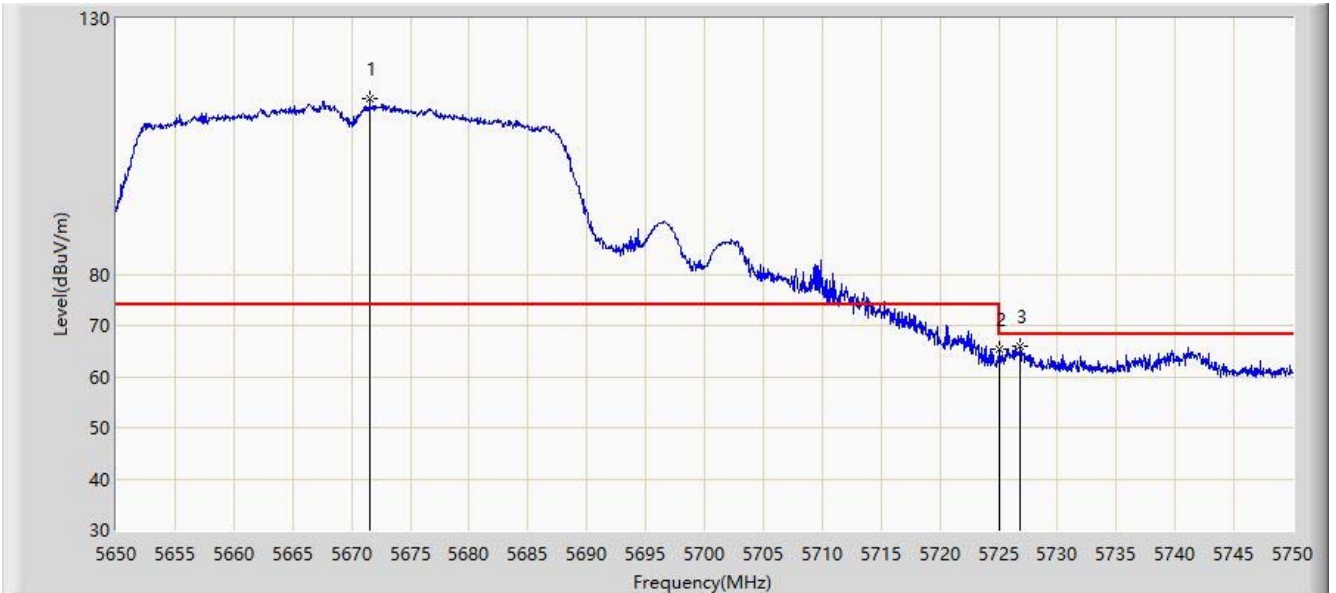


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5668.600	109.850	119.001	N/A	N/A	-9.151	PK
2			5725.000	60.480	69.531	-7.720	68.200	-9.051	PK
3			5734.650	63.198	72.369	-5.002	68.200	-9.172	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 13:18
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at channel 5670MHz	

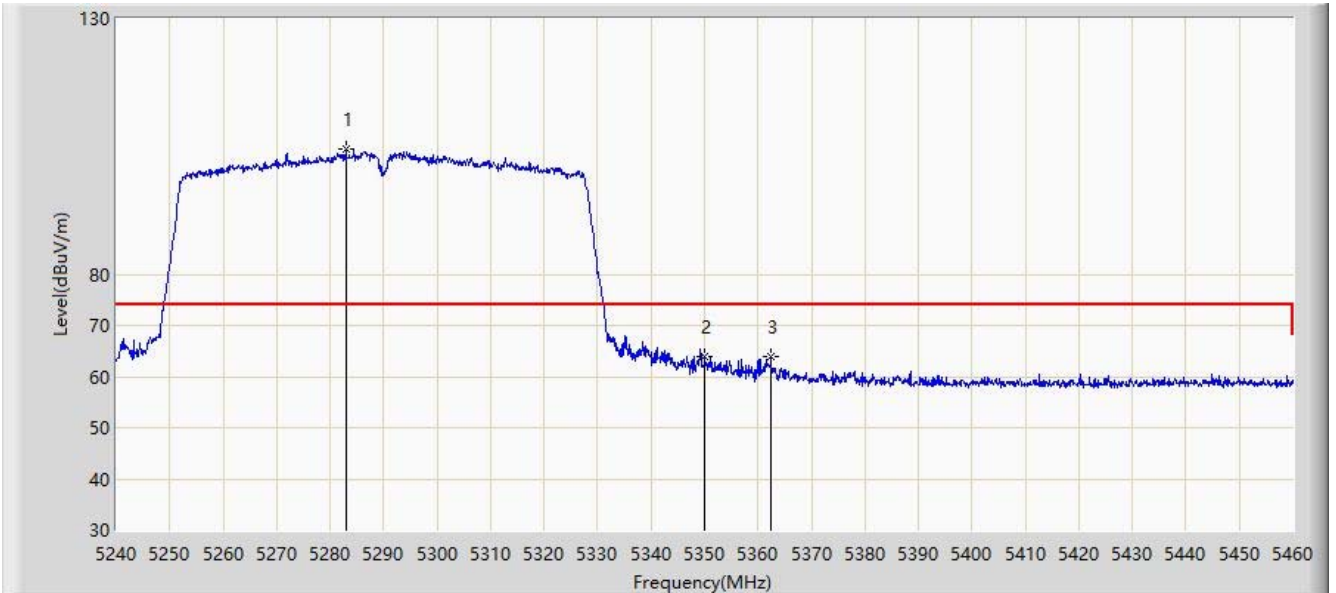


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5671.550	114.326	123.494	N/A	N/A	-9.168	PK
2			5725.000	65.413	74.464	-2.787	68.200	-9.051	PK
3			5726.850	65.897	74.949	-2.303	68.200	-9.052	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 13:57
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

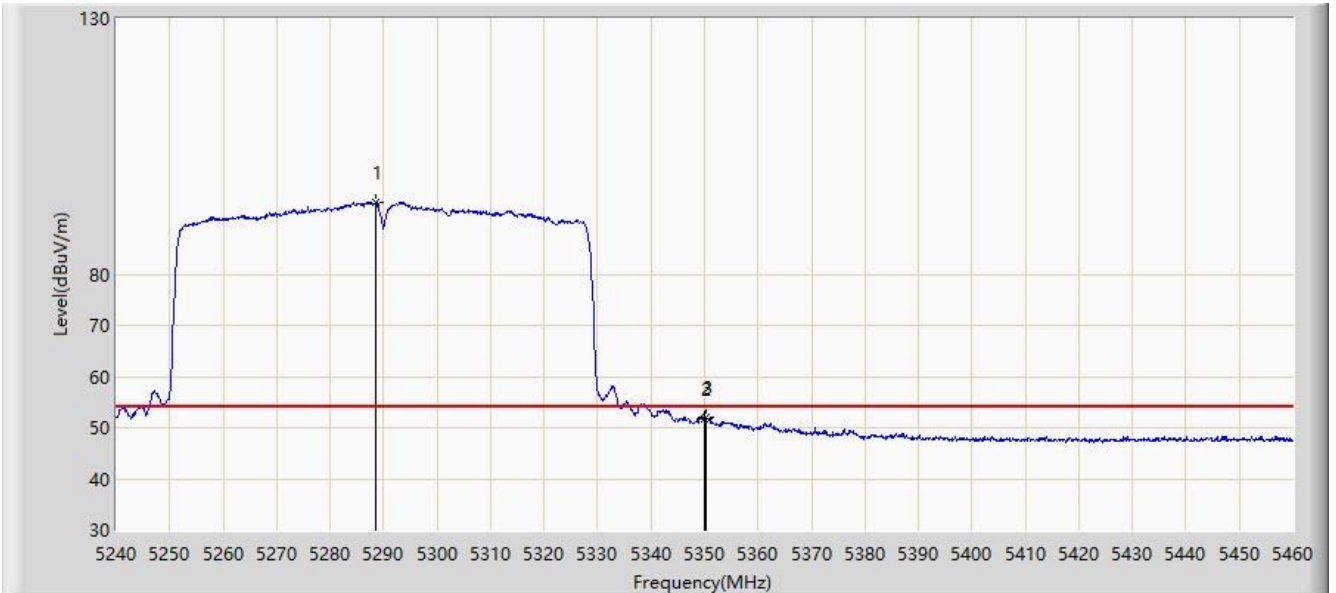


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5283.010	104.389	113.610	N/A	N/A	-9.221	PK
2			5350.000	63.778	72.987	-10.222	74.000	-9.208	PK
3			5362.430	63.858	73.072	-10.142	74.000	-9.214	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 14:06
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

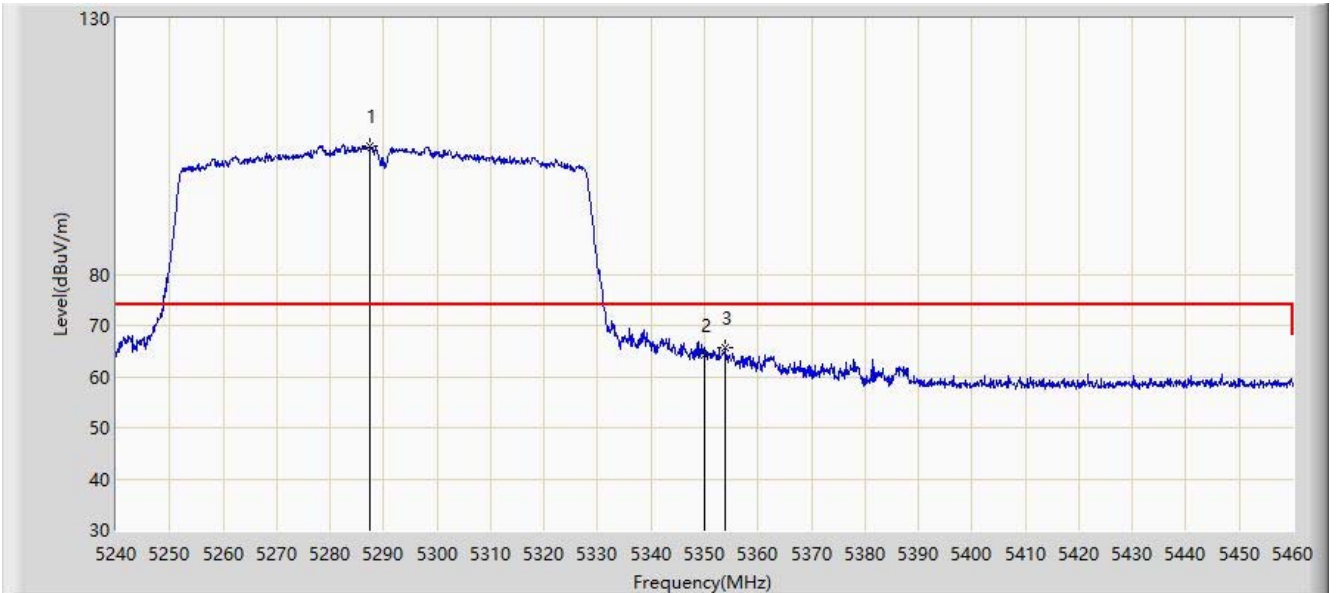


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5288.510	94.154	103.435	N/A	N/A	-9.281	AV
2			5350.000	51.852	61.061	-2.148	54.000	-9.208	AV
3			5350.220	52.066	61.277	-1.934	54.000	-9.212	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 13:50
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

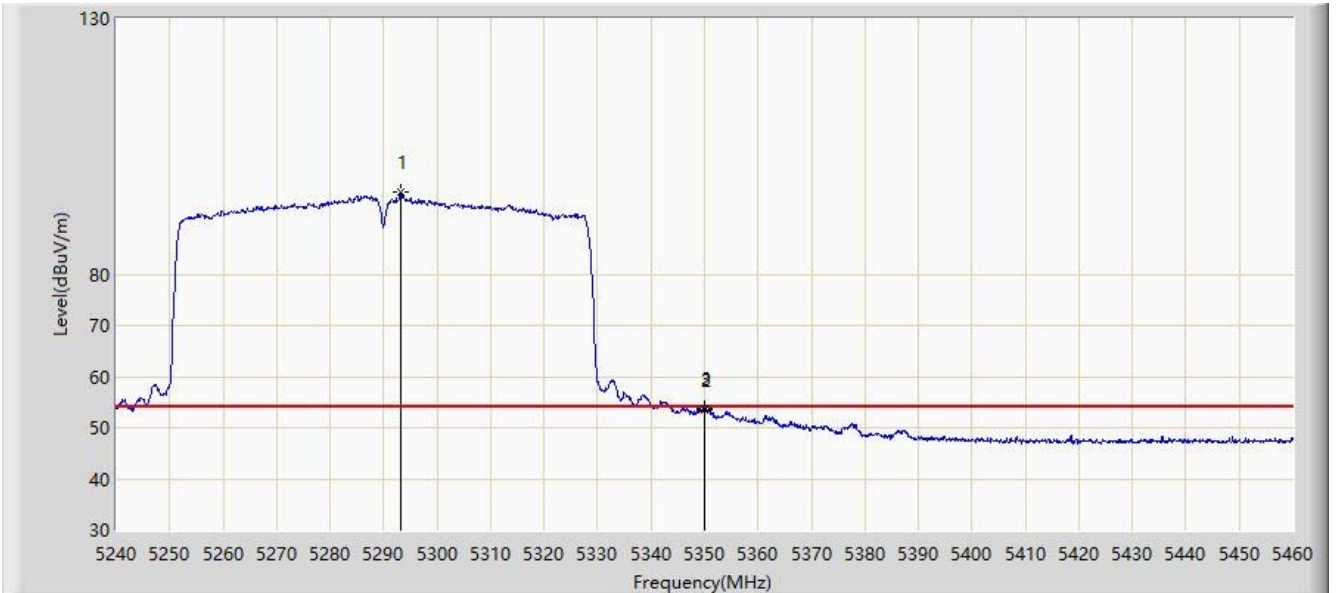


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5287.520	105.010	114.276	N/A	N/A	-9.266	PK
2			5350.000	64.201	73.410	-9.799	74.000	-9.208	PK
3			5353.850	65.665	74.891	-8.335	74.000	-9.226	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 13:53
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5290MHz	

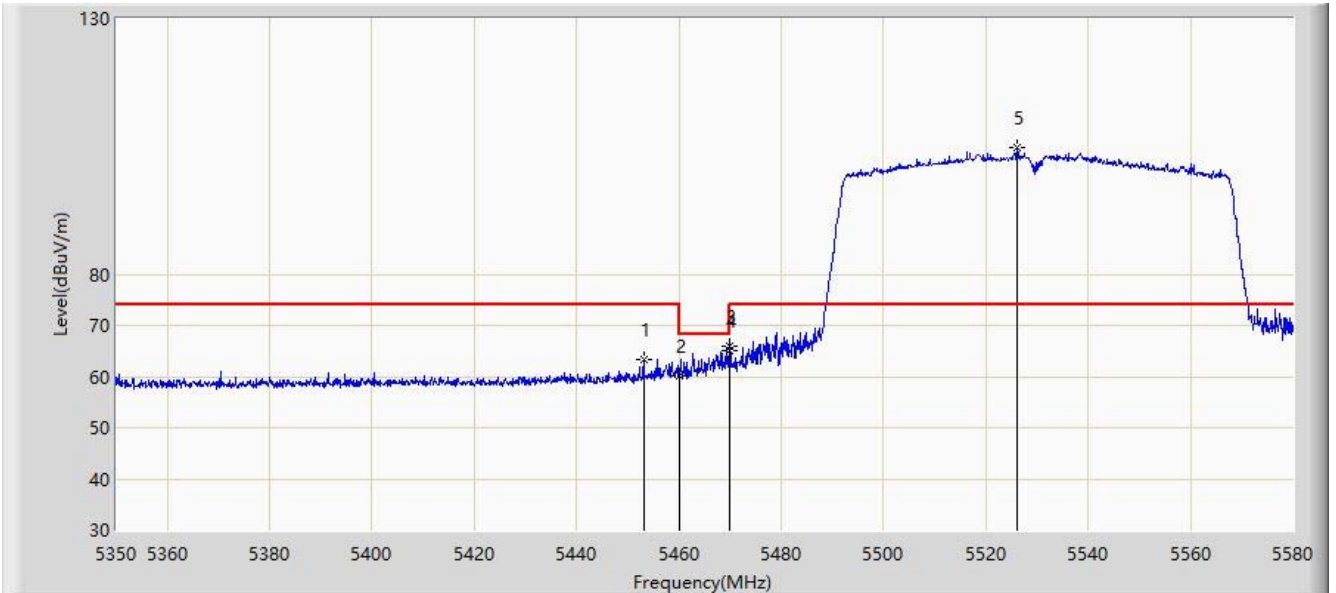


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5293.240	95.974	105.328	N/A	N/A	-9.354	AV
2			5350.000	53.459	62.668	-0.541	54.000	-9.208	AV
3			5350.110	53.624	62.834	-0.376	54.000	-9.211	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 14:27
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	

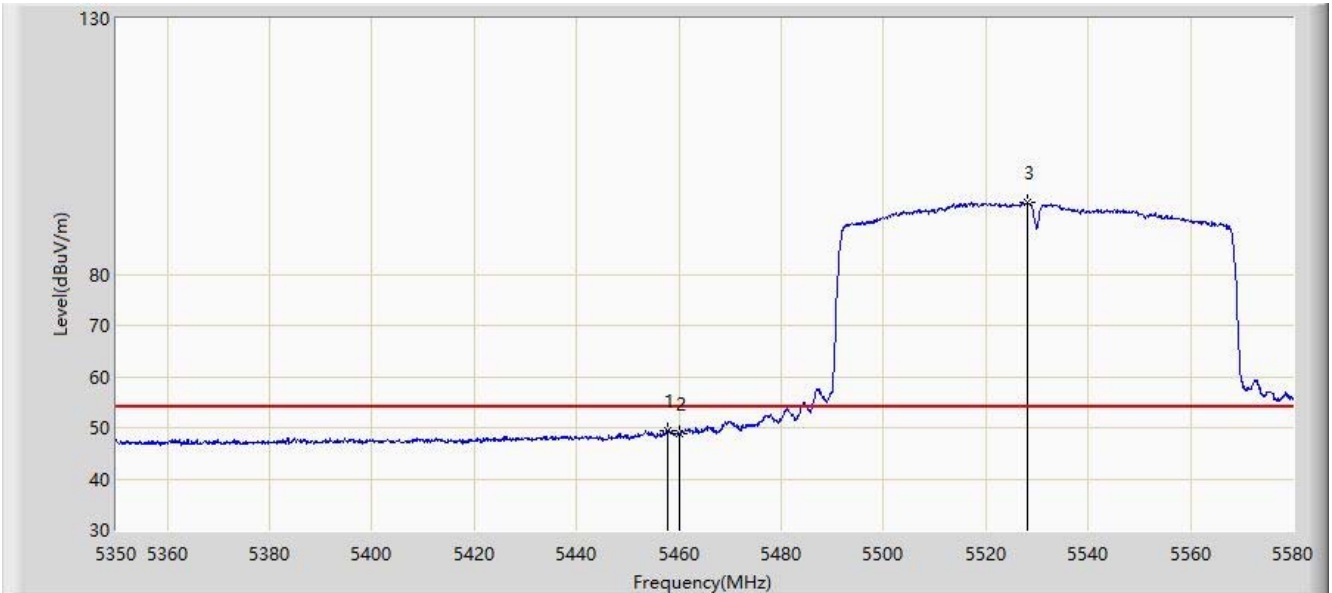


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5453.040	63.284	72.190	-10.716	74.000	-8.905	PK
2			5460.000	60.230	69.208	-13.770	74.000	-8.979	PK
3			5469.830	65.933	75.025	-2.267	68.200	-9.093	PK
4			5470.000	65.147	74.241	-3.053	68.200	-9.094	PK
5		*	5526.180	104.778	113.782	N/A	N/A	-9.004	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: SIP-AC3	Time: 2021/02/20 - 14:33
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	

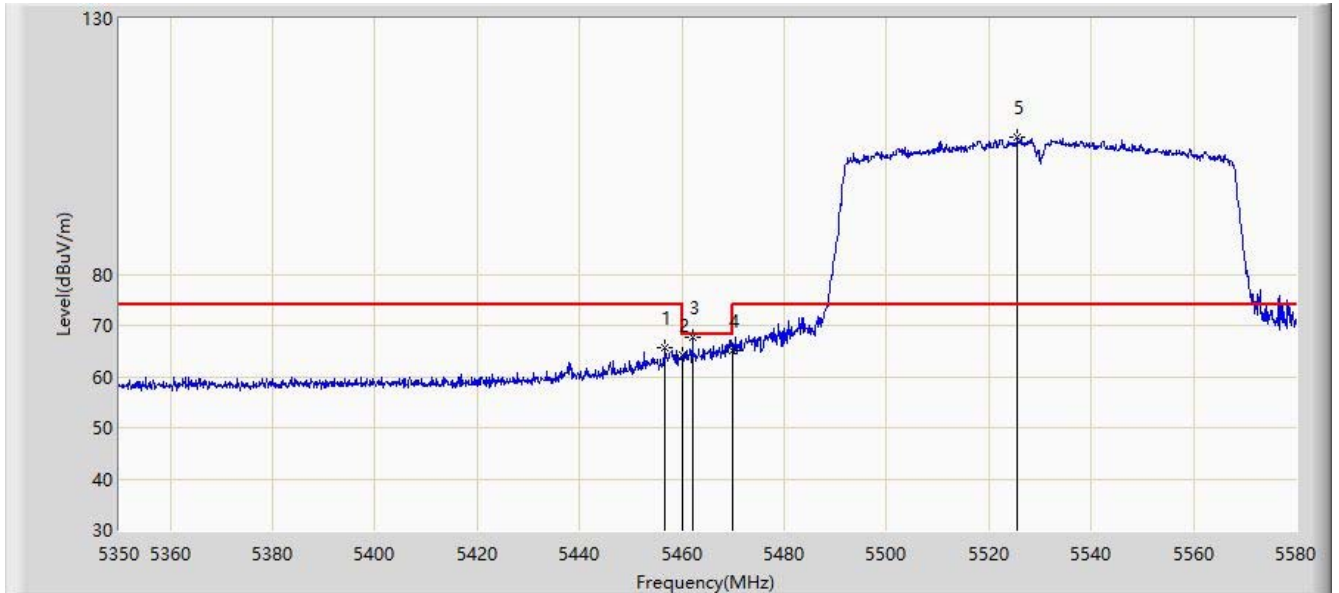


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5457.870	49.397	58.350	-4.603	54.000	-8.954	AV
2			5460.000	48.828	57.806	-5.172	54.000	-8.979	AV
3		*	5528.135	94.189	103.184	N/A	N/A	-8.996	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 14:17
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	

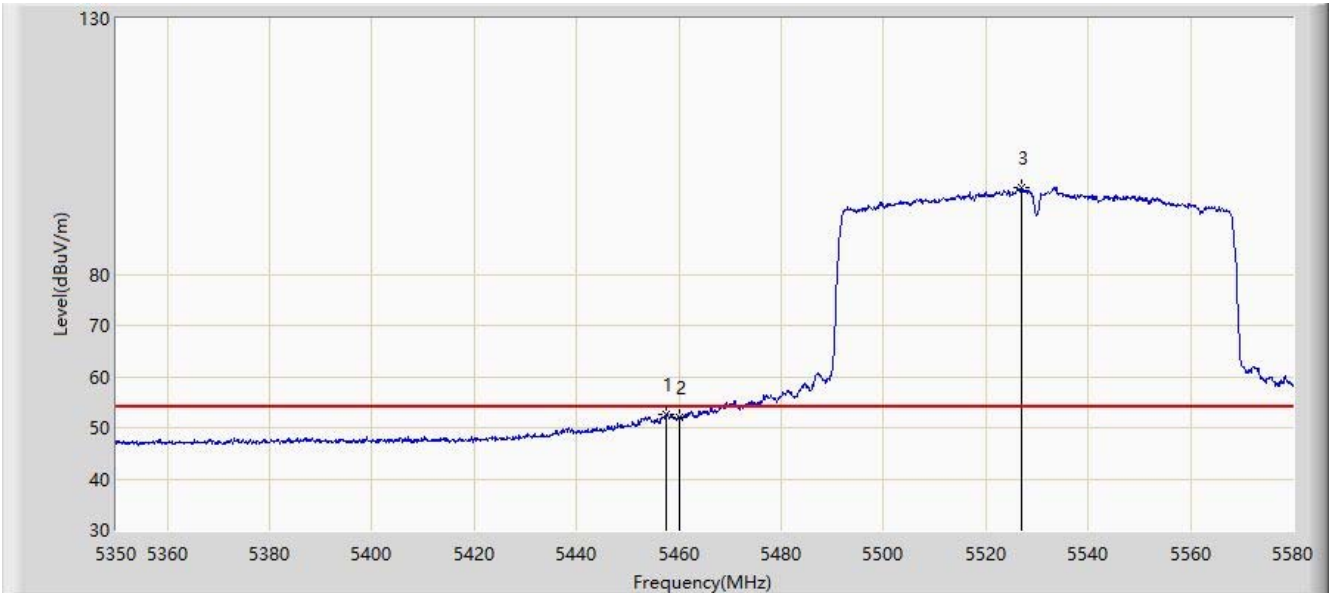


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1			5456.720	65.583	74.523	-8.417	74.000	-8.940	PK
2			5460.000	64.089	73.067	-9.911	74.000	-8.979	PK
3			5462.010	67.672	76.673	-0.528	68.200	-9.001	PK
4			5470.000	64.973	74.067	-3.227	68.200	-9.094	PK
5		*	5525.605	106.921	115.928	N/A	N/A	-9.006	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: SIP-AC3	Time: 2021/02/20 - 14:21
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5530MHz	

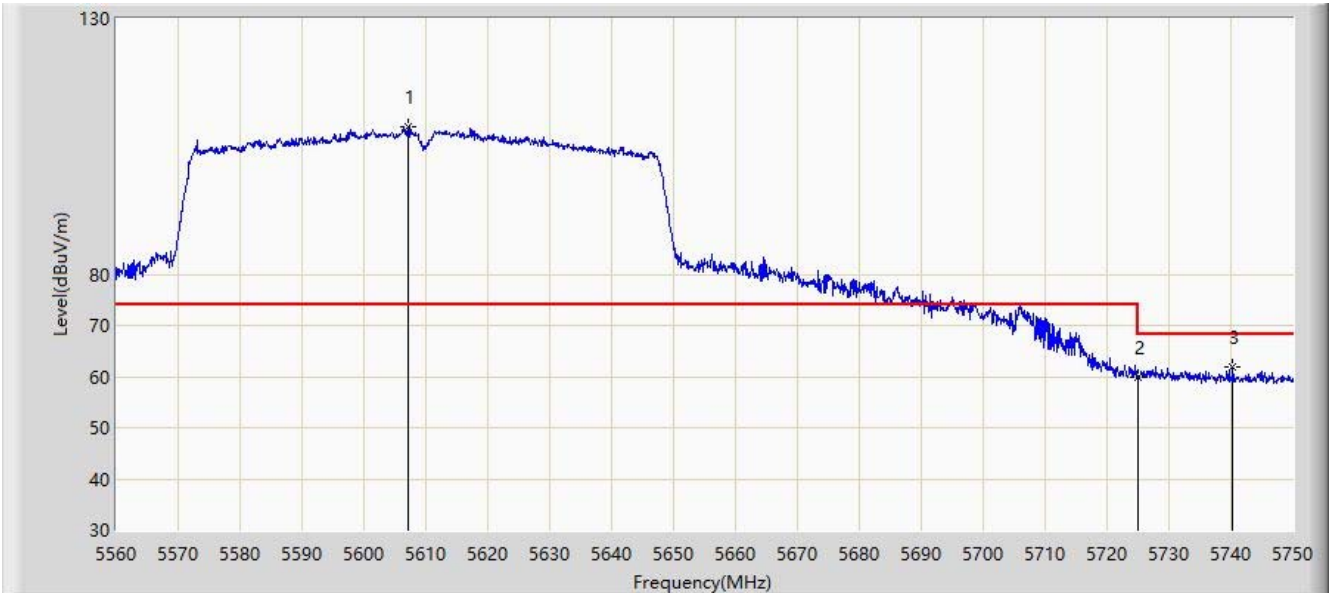


No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1			5457.640	52.495	61.445	-1.505	54.000	-8.950	AV
2			5460.000	51.892	60.870	-2.108	54.000	-8.979	AV
3		*	5526.985	96.819	105.819	N/A	N/A	-9.001	AV

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

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

Site: SIP-AC3	Time: 2021/02/20 - 14:35
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5610MHz	

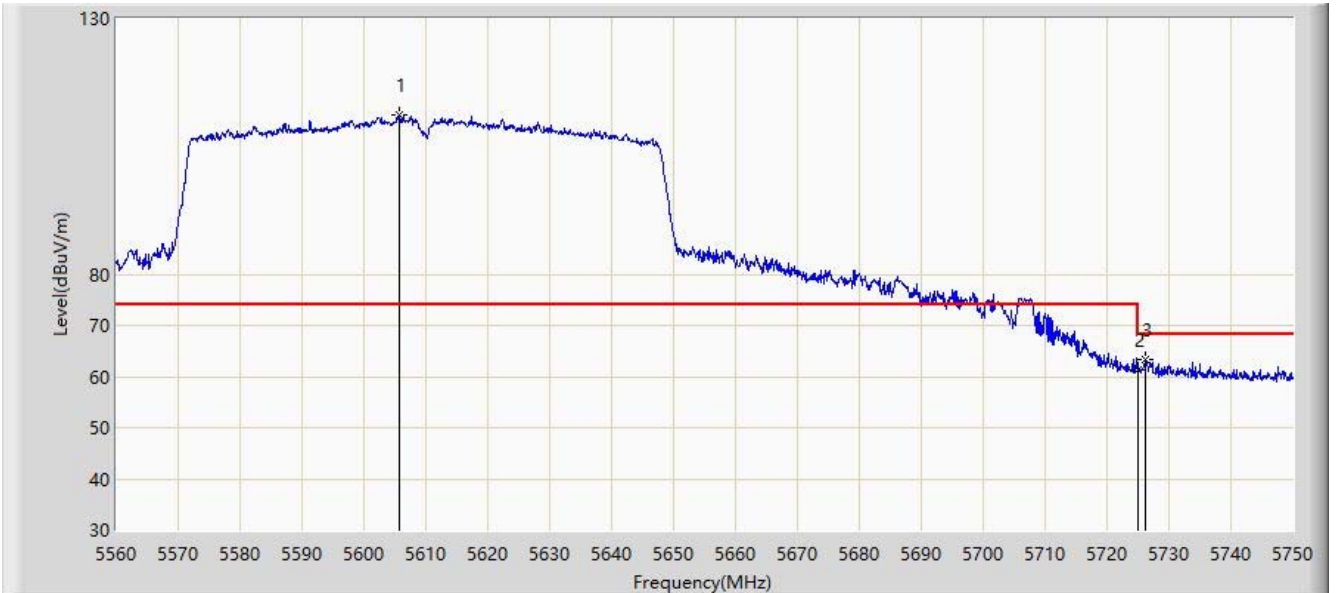


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB)	Type
1		*	5607.120	108.917	117.902	N/A	N/A	-8.985	PK
2			5725.000	59.956	69.007	-8.244	68.200	-9.051	PK
3			5740.310	61.851	71.109	-6.349	68.200	-9.258	PK

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

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

Site: SIP-AC3	Time: 2021/02/20 - 14:41
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at channel 5610MHz	



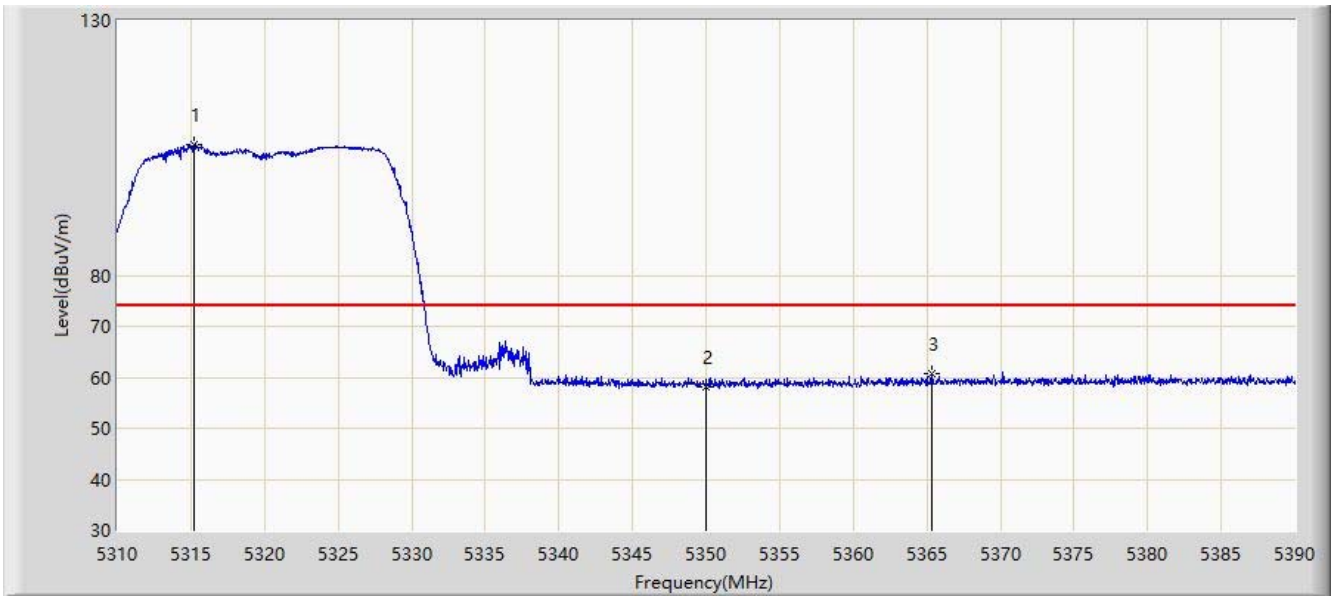
No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V/m)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V/m)	Factor (dB)	Type
1		*	5605.790	111.289	120.292	N/A	N/A	-9.003	PK
2			5725.000	61.348	70.399	-6.852	68.200	-9.051	PK
3			5726.155	63.405	72.446	-4.795	68.200	-9.041	PK

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

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

Beamforming Mode:

Site: SIP-AC3	Time: 2021/02/23 - 10:06
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by802.11n-HT20 at channel 5320MHz	

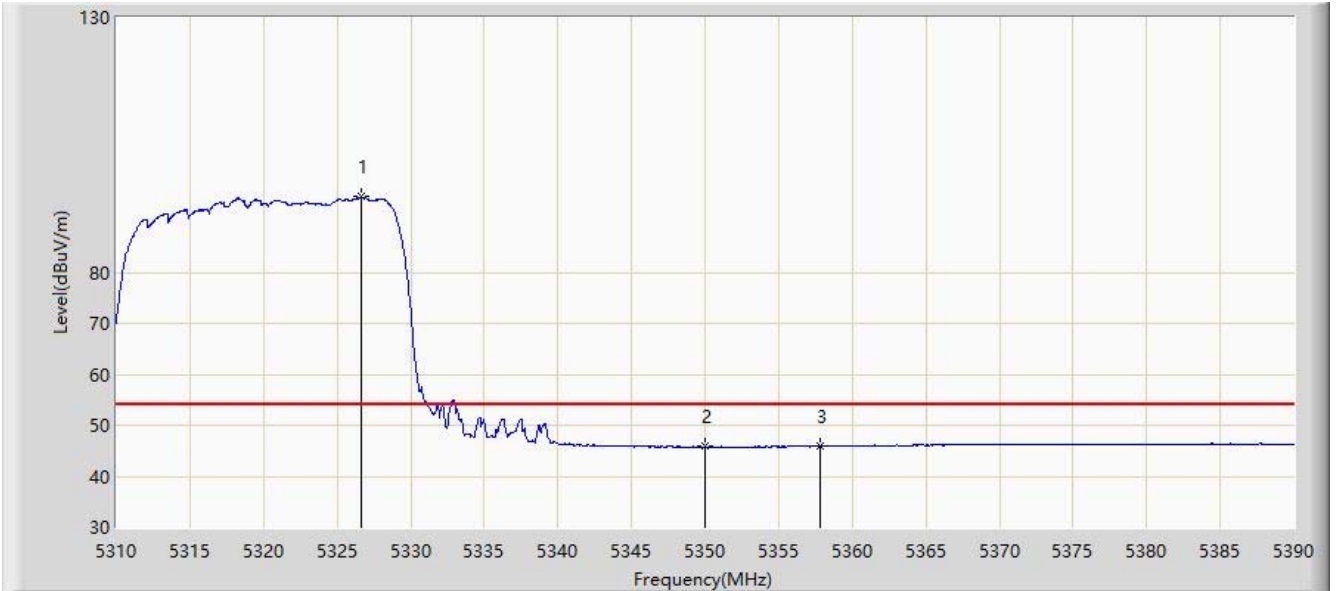


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5315.240	105.652	114.205	N/A	N/A	-8.552	PK
2			5350.000	58.141	67.199	-15.859	74.000	-9.057	PK
3			5365.320	60.716	69.341	-13.284	74.000	-8.625	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 10:25
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5320MHz	

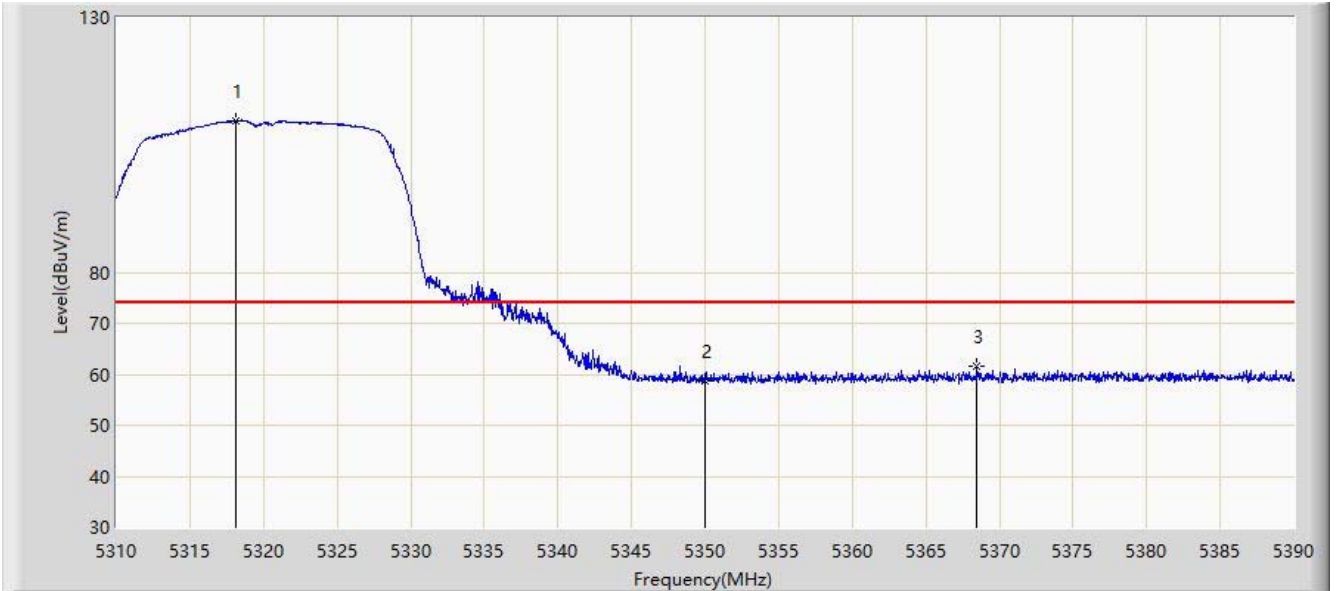


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5326.600	94.820	103.598	N/A	N/A	-8.778	AV
2			5350.000	45.842	54.900	-8.158	54.000	-9.057	AV
3			5357.800	46.010	54.881	-7.990	54.000	-8.870	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 10:40
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5320MHz	

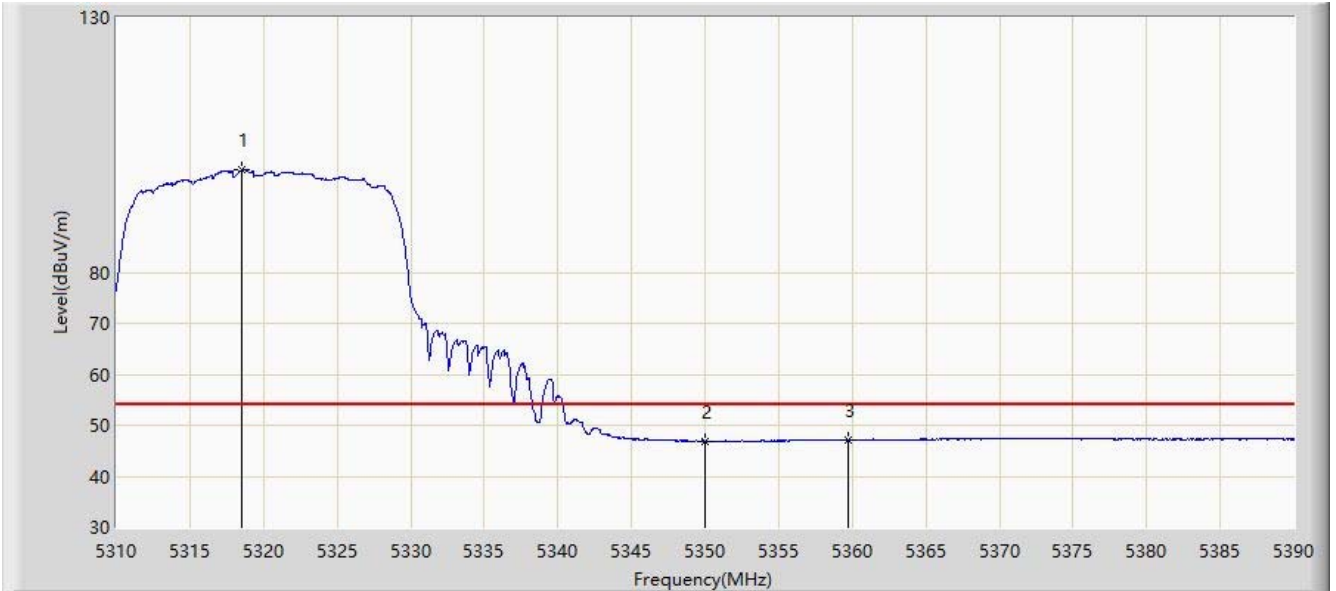


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.160	109.666	118.181	N/A	N/A	-8.515	PK
2			5350.000	58.674	67.732	-15.326	74.000	-9.057	PK
3			5368.480	61.614	70.136	-12.386	74.000	-8.521	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 10:46
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5320MHz	

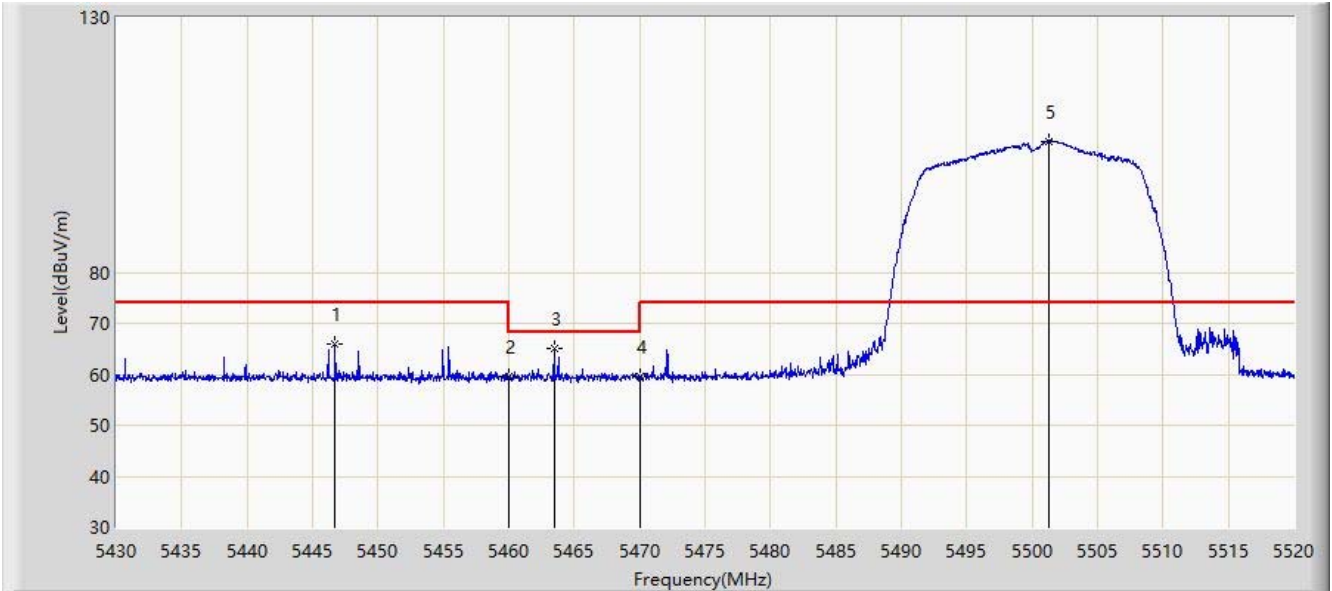


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.560	100.039	108.566	N/A	N/A	-8.527	AV
2			5350.000	46.913	55.971	-7.087	54.000	-9.057	AV
3			5359.720	47.060	55.868	-6.940	54.000	-8.808	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 11:22
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5500MHz	

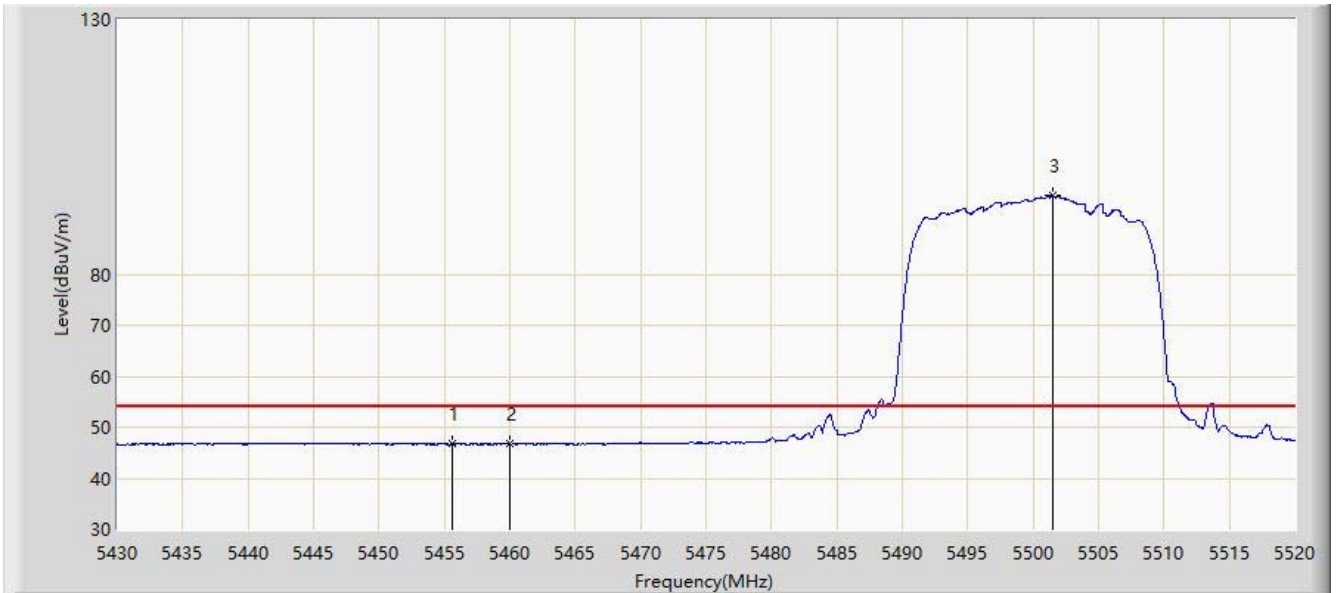


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5446.740	66.002	74.298	-7.998	74.000	-8.296	PK
2			5460.000	59.451	67.795	-14.549	74.000	-8.345	PK
3			5463.480	65.147	73.475	-3.053	68.200	-8.329	PK
4			5470.000	59.520	67.818	-8.680	68.200	-8.297	PK
5		*	5501.325	105.696	113.866	N/A	N/A	-8.170	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 11:32
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5500MHz	

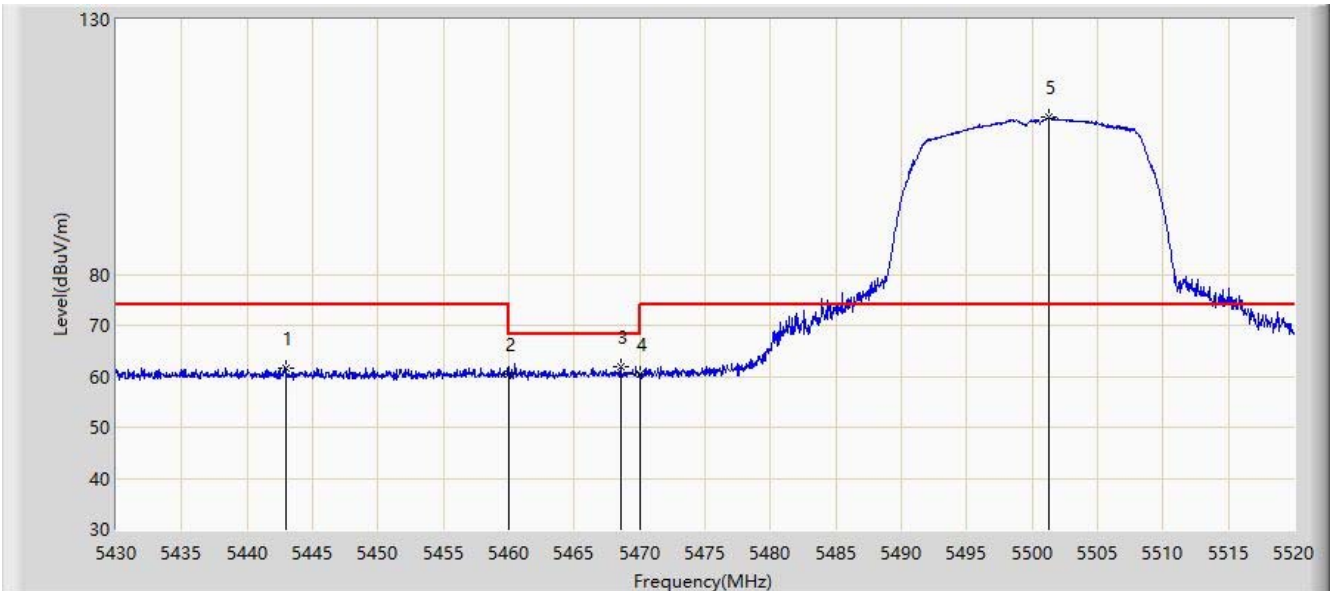


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5455.560	46.811	55.176	-7.189	54.000	-8.365	AV
2			5460.000	46.711	55.055	-7.289	54.000	-8.345	AV
3		*	5501.505	95.373	103.542	N/A	N/A	-8.169	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 11:12
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5500MHz	

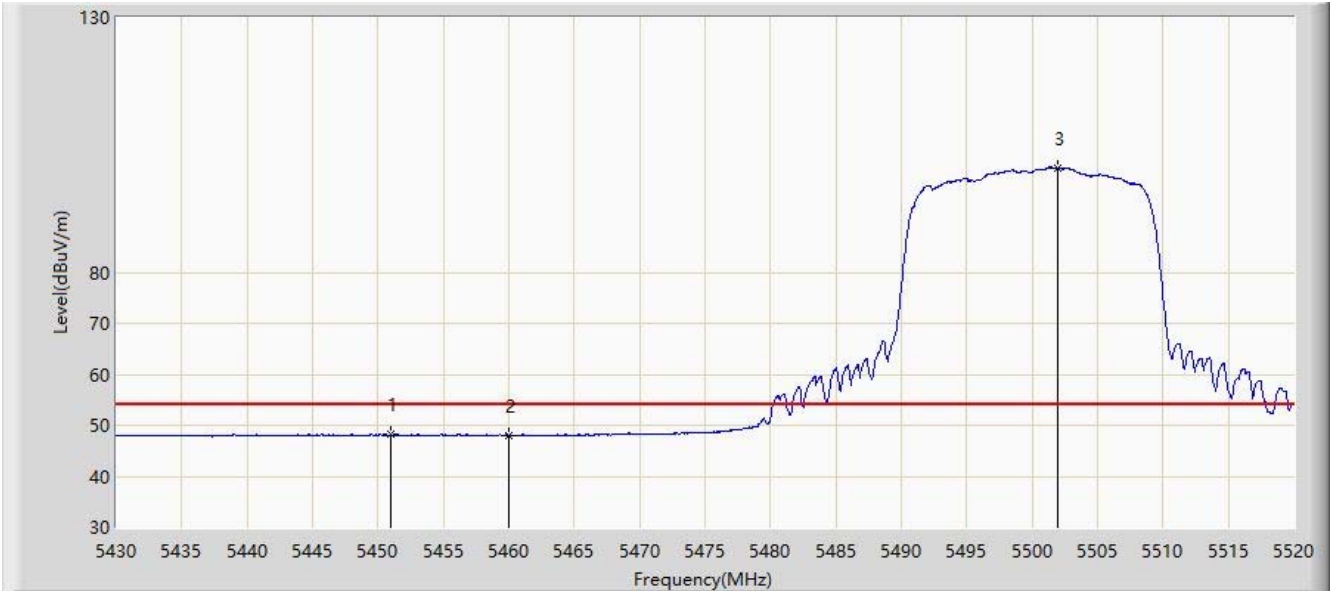


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5443.005	61.472	69.729	-12.528	74.000	-8.256	PK
2			5460.000	60.513	68.857	-13.487	74.000	-8.345	PK
3			5468.565	61.945	70.249	-6.255	68.200	-8.304	PK
4			5470.000	60.446	68.744	-7.754	68.200	-8.297	PK
5		*	5501.325	110.727	118.897	N/A	N/A	-8.170	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 11:21
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5500MHz	

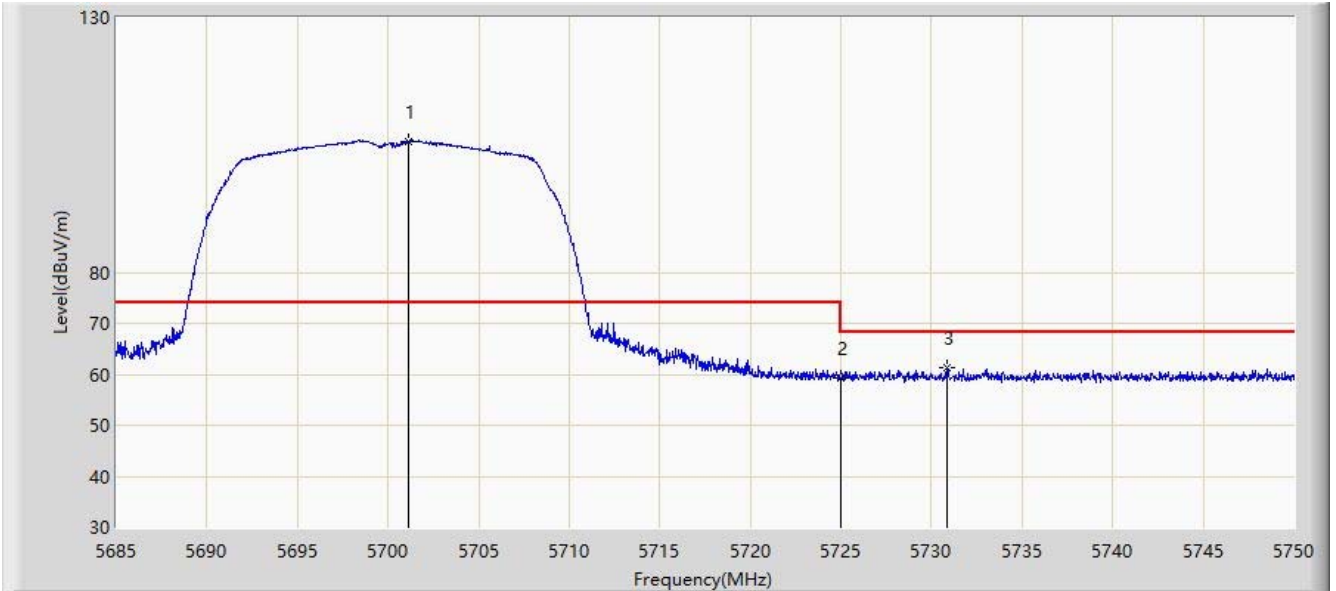


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5450.970	48.176	56.516	-5.824	54.000	-8.341	AV
2			5460.000	48.041	56.385	-5.959	54.000	-8.345	AV
3		*	5501.910	100.447	108.615	N/A	N/A	-8.168	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 11:44
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5700MHz	

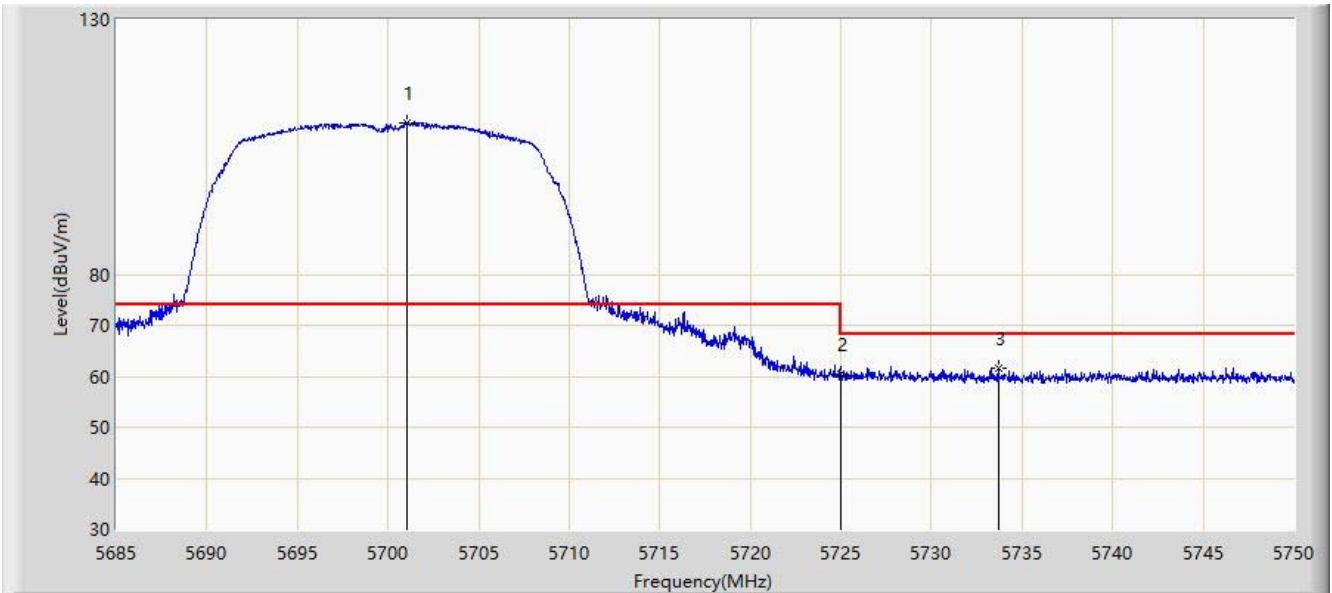


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.120	105.643	114.053	N/A	N/A	-8.410	PK
2			5725.000	59.236	67.548	-8.964	68.200	-8.312	PK
3			5730.825	61.422	69.767	-6.778	68.200	-8.344	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 11:49
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT20 at channel 5700MHz	

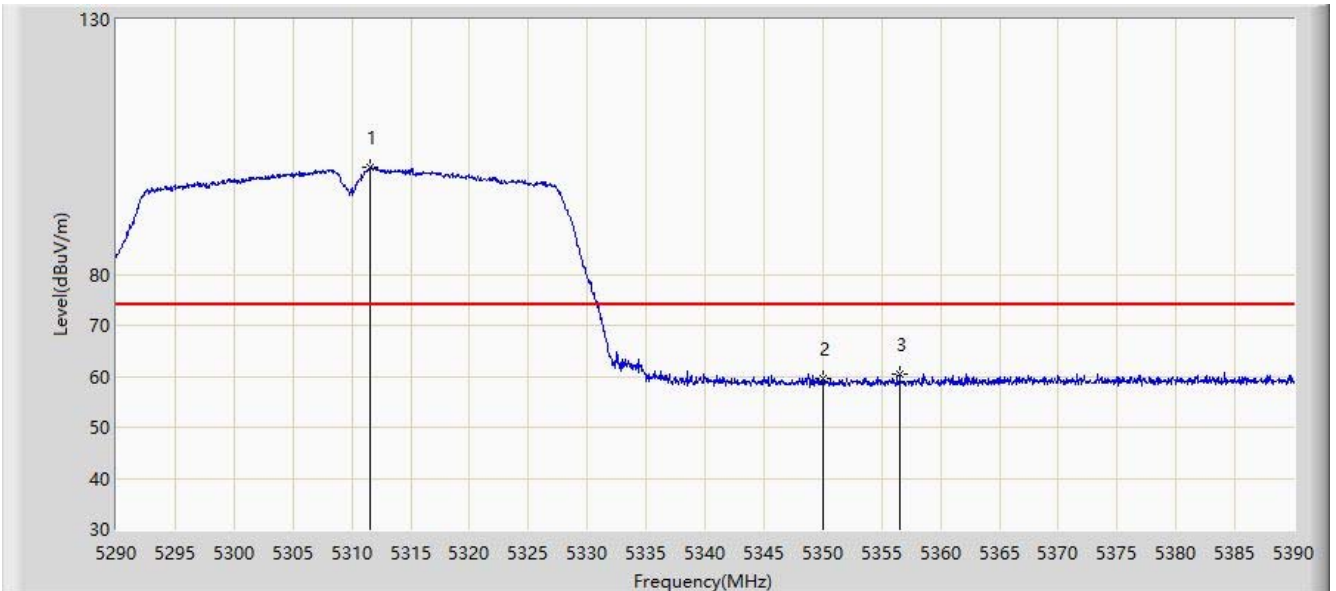


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.022	109.744	118.155	N/A	N/A	-8.410	PK
2			5725.000	60.425	68.737	-7.775	68.200	-8.312	PK
3			5733.685	61.475	69.842	-6.725	68.200	-8.367	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 10:50
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5310MHz	

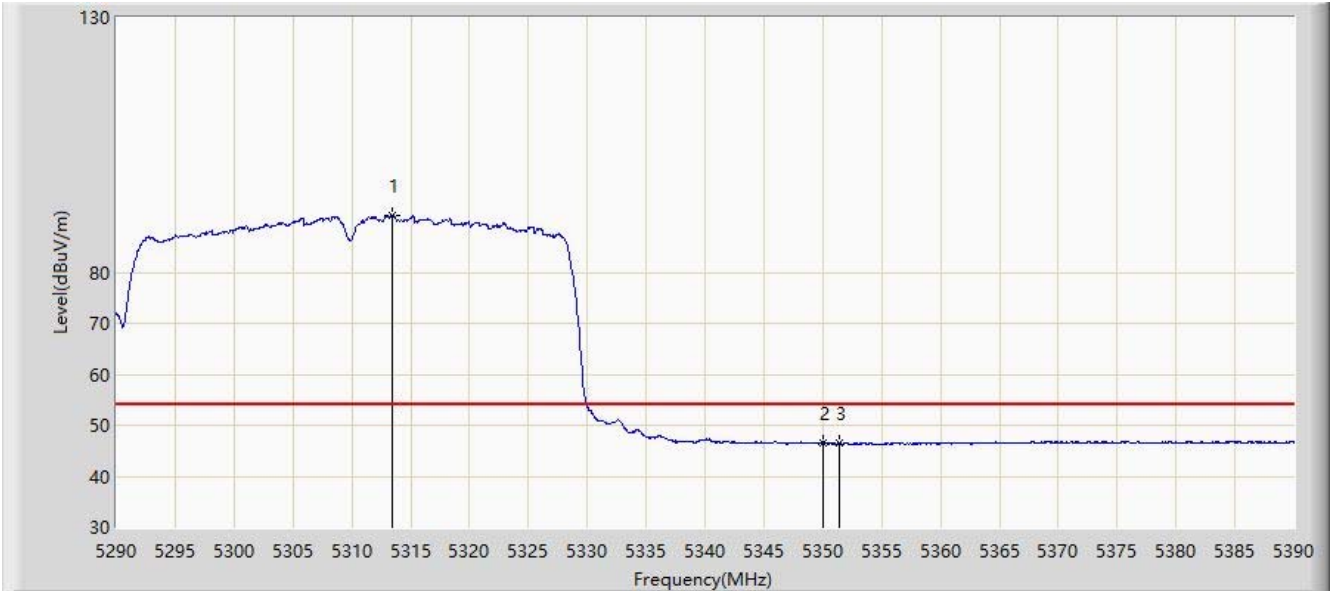


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.600	101.013	109.622	N/A	N/A	-8.609	PK
2			5350.000	59.449	68.507	-14.551	74.000	-9.057	PK
3			5356.550	60.451	69.362	-13.549	74.000	-8.911	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 10:57
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5310MHz	

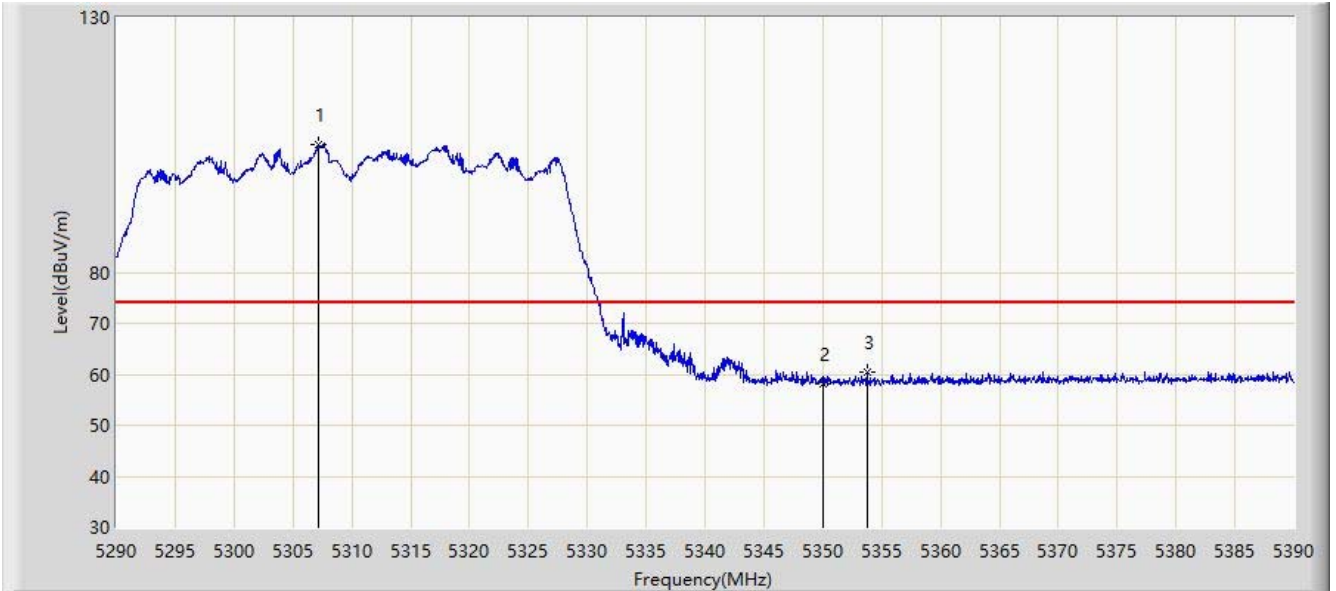


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.450	91.100	99.680	N/A	N/A	-8.580	AV
2			5350.000	46.472	55.530	-7.528	54.000	-9.057	AV
3			5351.400	46.658	55.717	-7.342	54.000	-9.059	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 10:30
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5310MHz	

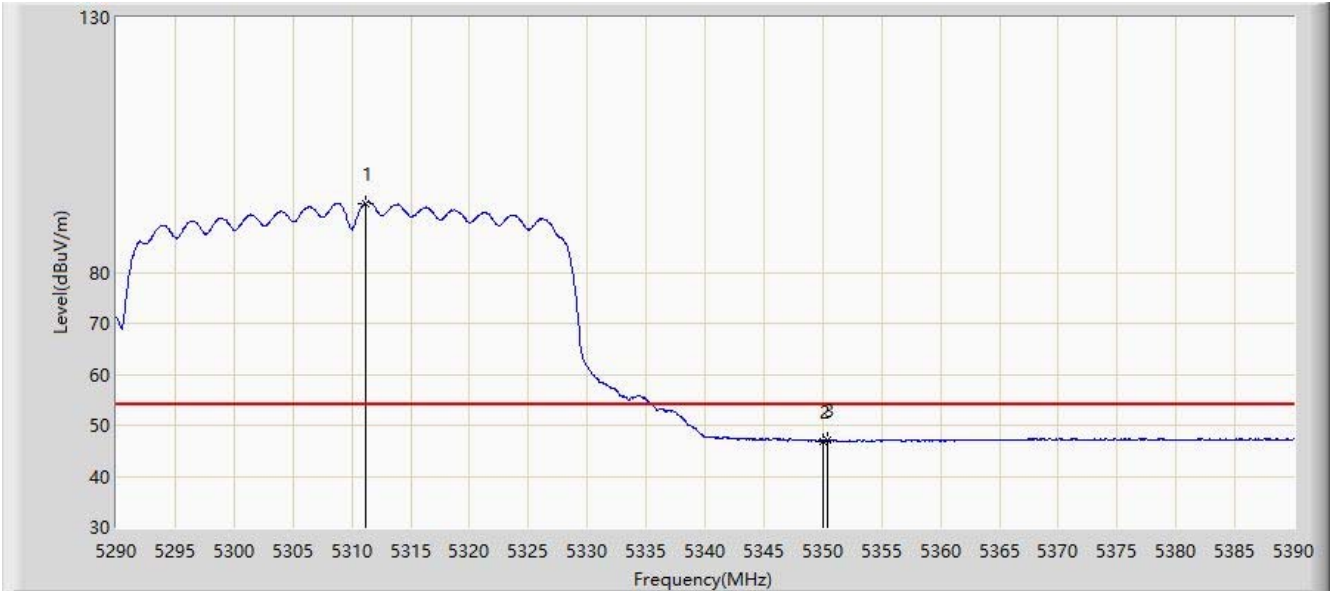


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5307.200	105.014	113.690	N/A	N/A	-8.677	PK
2			5350.000	58.220	67.278	-15.780	74.000	-9.057	PK
3			5353.750	60.349	69.352	-13.651	74.000	-9.003	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 10:43
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5310MHz	

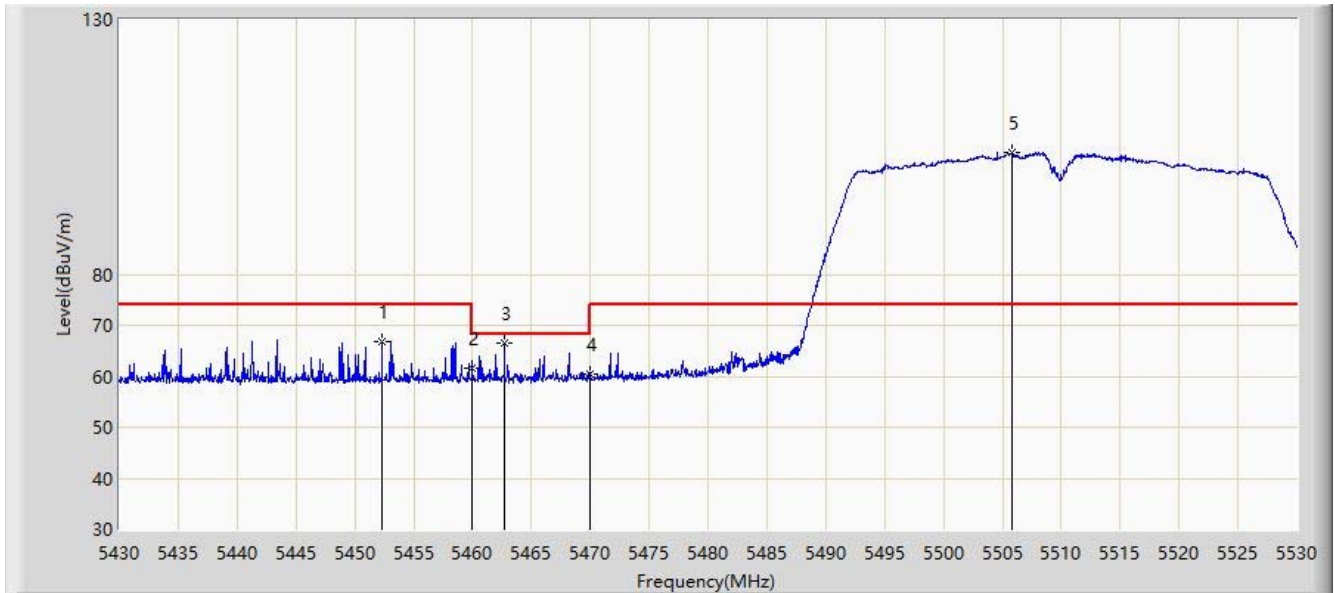


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.150	93.546	102.162	N/A	N/A	-8.616	AV
2			5350.000	46.951	56.009	-7.049	54.000	-9.057	AV
3			5350.450	47.229	56.287	-6.771	54.000	-9.058	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 11:30
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5510MHz	

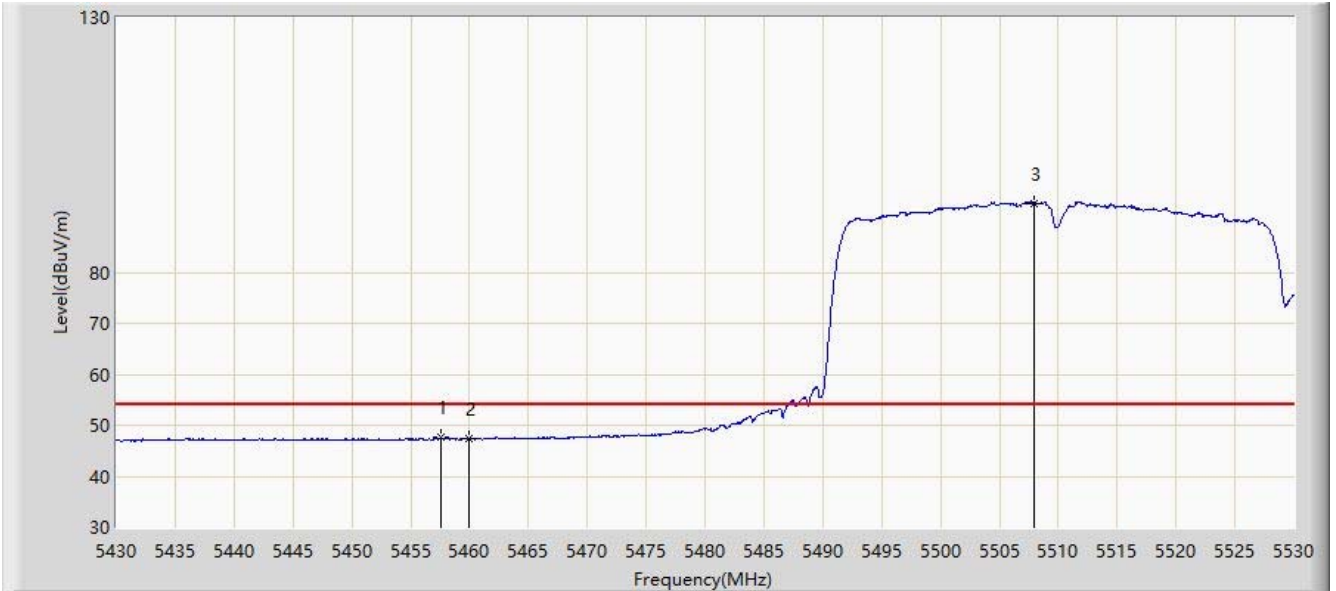


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5452.300	66.898	75.252	-7.102	74.000	-8.354	PK
2			5460.000	61.653	69.997	-12.347	74.000	-8.345	PK
3			5462.700	66.443	74.775	-1.757	68.200	-8.332	PK
4			5470.000	60.349	68.647	-7.851	68.200	-8.297	PK
5		*	5505.800	103.808	111.971	N/A	N/A	-8.163	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: SIP-AC3	Time: 2021/02/25 - 11:38
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5510MHz	

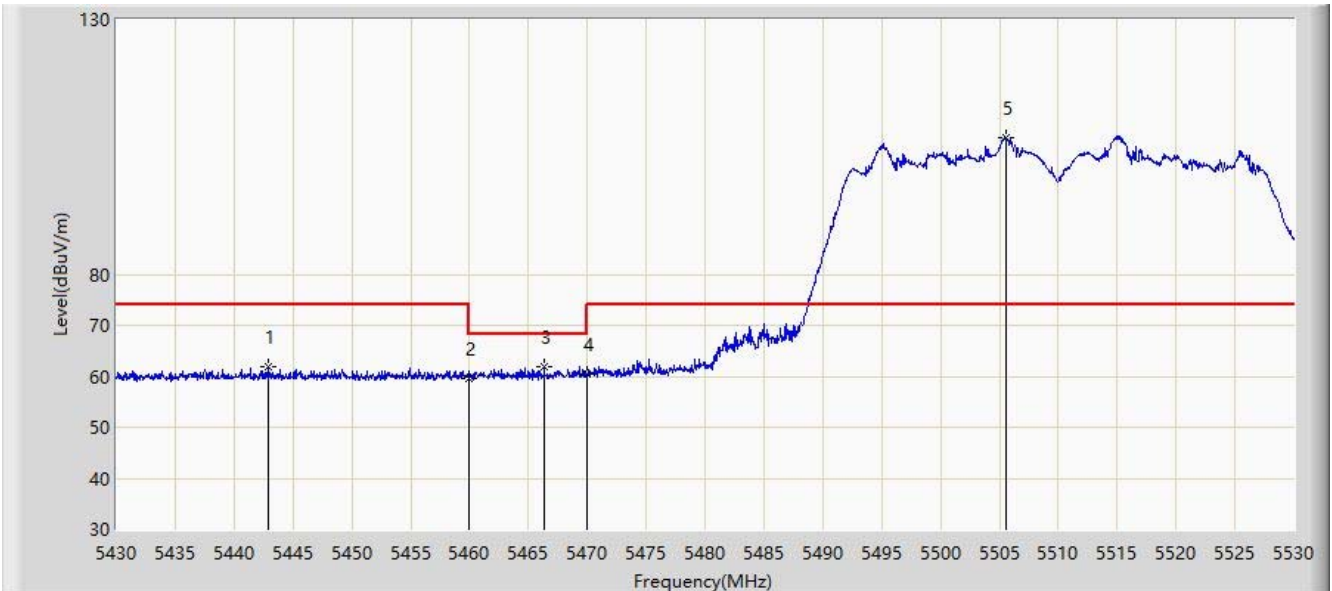


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.550	47.563	55.919	-6.437	54.000	-8.355	AV
2			5460.000	47.423	55.767	-6.577	54.000	-8.345	AV
3		*	5508.000	93.578	101.750	N/A	N/A	-8.172	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 11:07
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5510MHz	

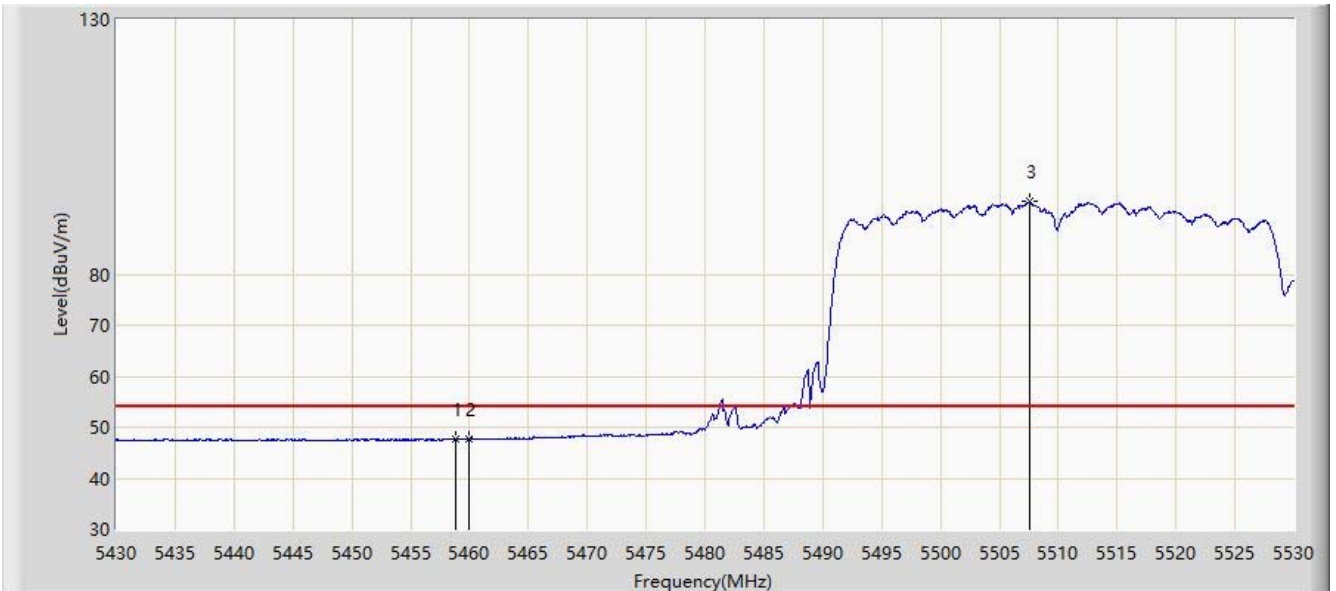


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5442.950	61.947	70.203	-12.053	74.000	-8.256	PK
2			5460.000	59.489	67.833	-14.511	74.000	-8.345	PK
3			5466.350	61.774	70.089	-6.426	68.200	-8.315	PK
4			5470.000	60.473	68.771	-7.727	68.200	-8.297	PK
5		*	5505.550	106.917	115.078	N/A	N/A	-8.161	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: SIP-AC3	Time: 2021/02/25 - 11:23
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5510MHz	

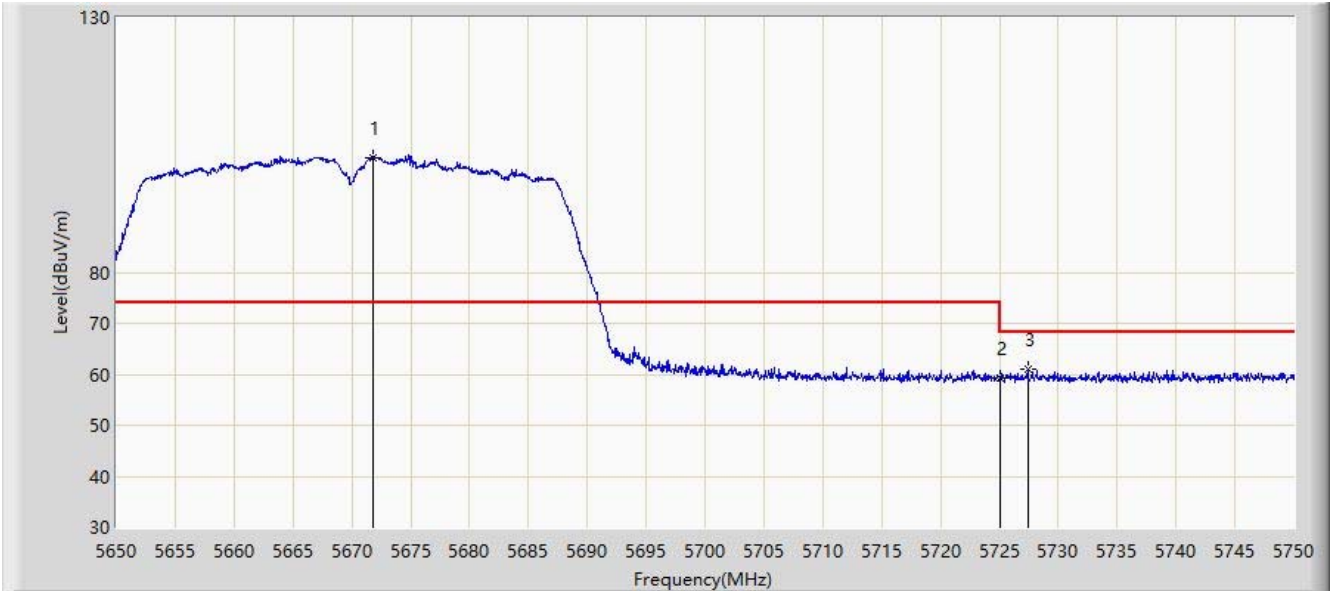


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.800	47.777	56.127	-6.223	54.000	-8.349	AV
2			5460.000	47.739	56.083	-6.261	54.000	-8.345	AV
3		*	5507.550	94.251	102.421	N/A	N/A	-8.171	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:17
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5670MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5671.750	102.559	110.870	N/A	N/A	-8.312	PK
2			5725.000	59.333	67.645	-8.867	68.200	-8.312	PK
3			5727.450	60.980	69.298	-7.220	68.200	-8.319	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:26
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11n-HT40 at channel 5670MHz	

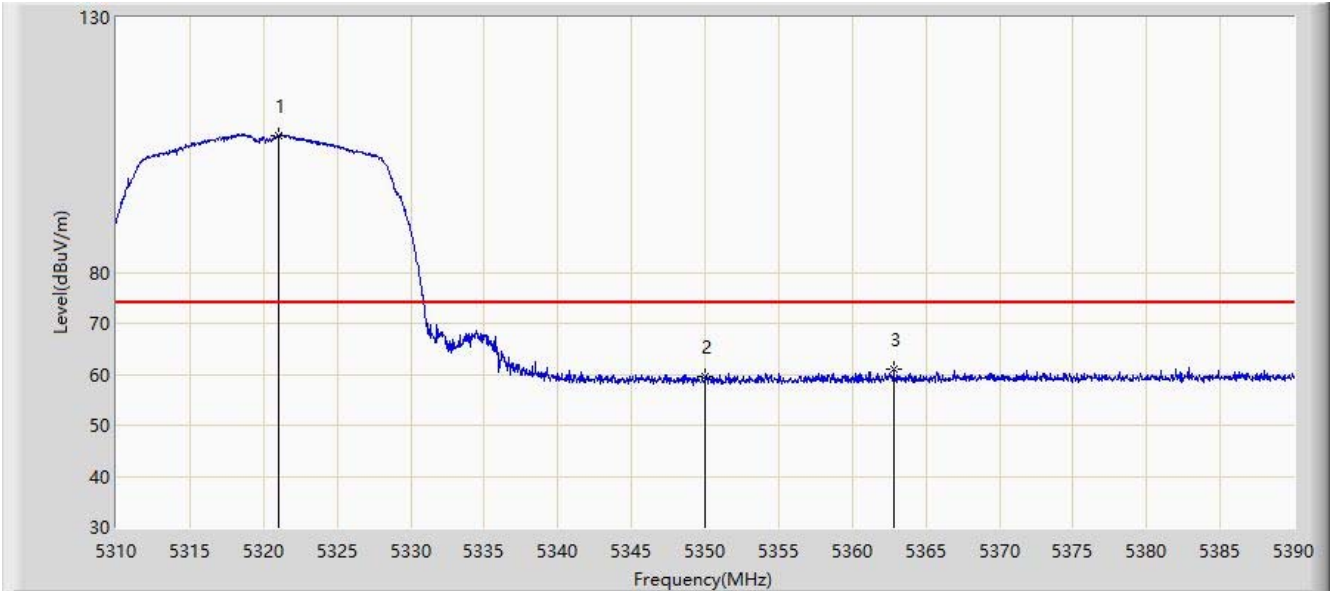


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5667.400	106.324	114.617	N/A	N/A	-8.292	PK
2			5725.000	60.144	68.456	-8.056	68.200	-8.312	PK
3			5744.350	61.095	69.532	-7.105	68.200	-8.437	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:43
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5320MHz	

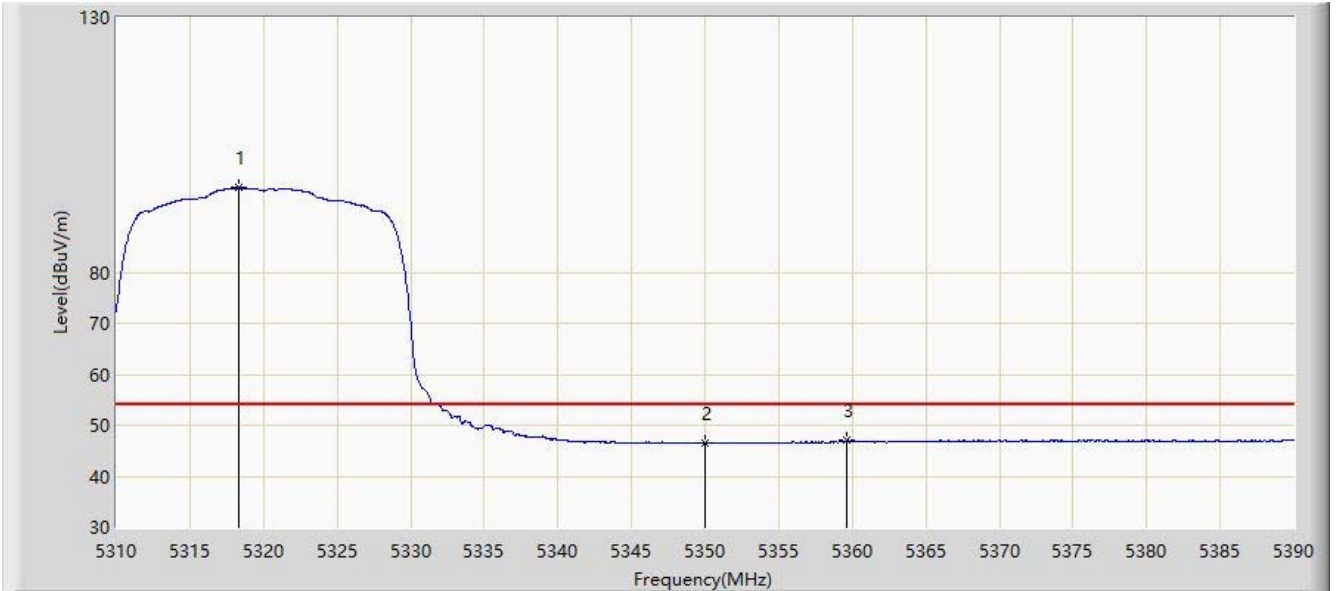


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5321.040	106.889	115.494	N/A	N/A	-8.605	PK
2			5350.000	59.553	68.611	-14.447	74.000	-9.057	PK
3			5362.840	61.053	69.759	-12.947	74.000	-8.706	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:48
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5320MHz	

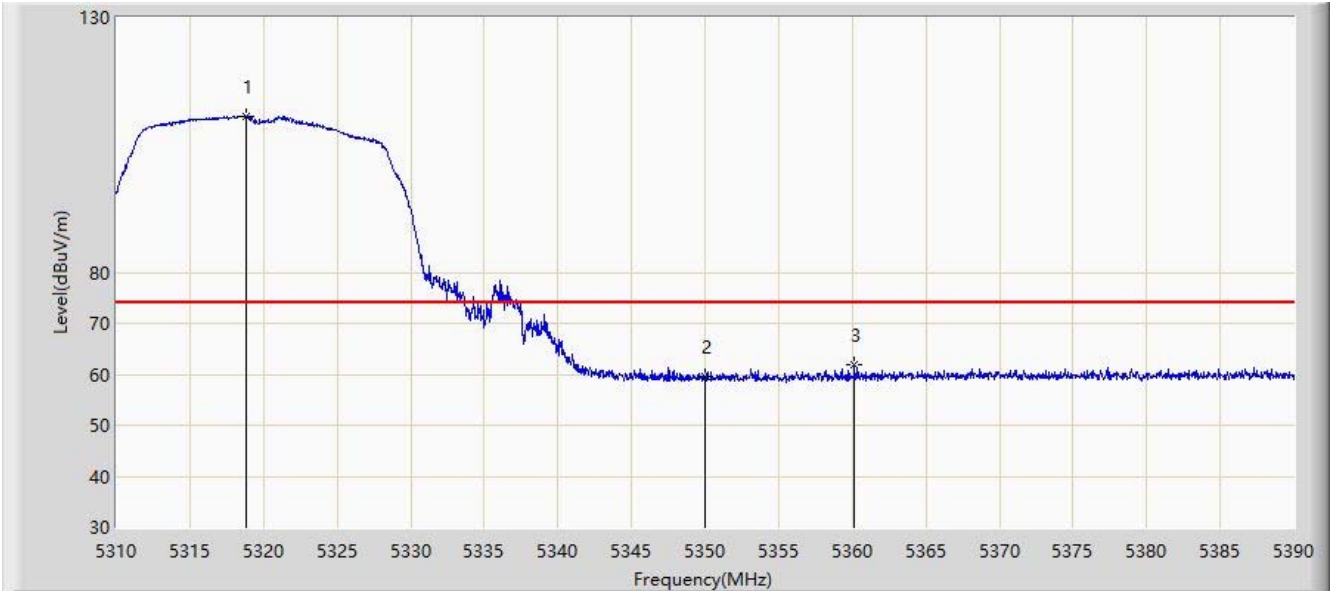


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.320	96.687	105.207	N/A	N/A	-8.519	AV
2			5350.000	46.551	55.609	-7.449	54.000	-9.057	AV
3			5359.640	46.957	55.768	-7.043	54.000	-8.810	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:33
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5320MHz	

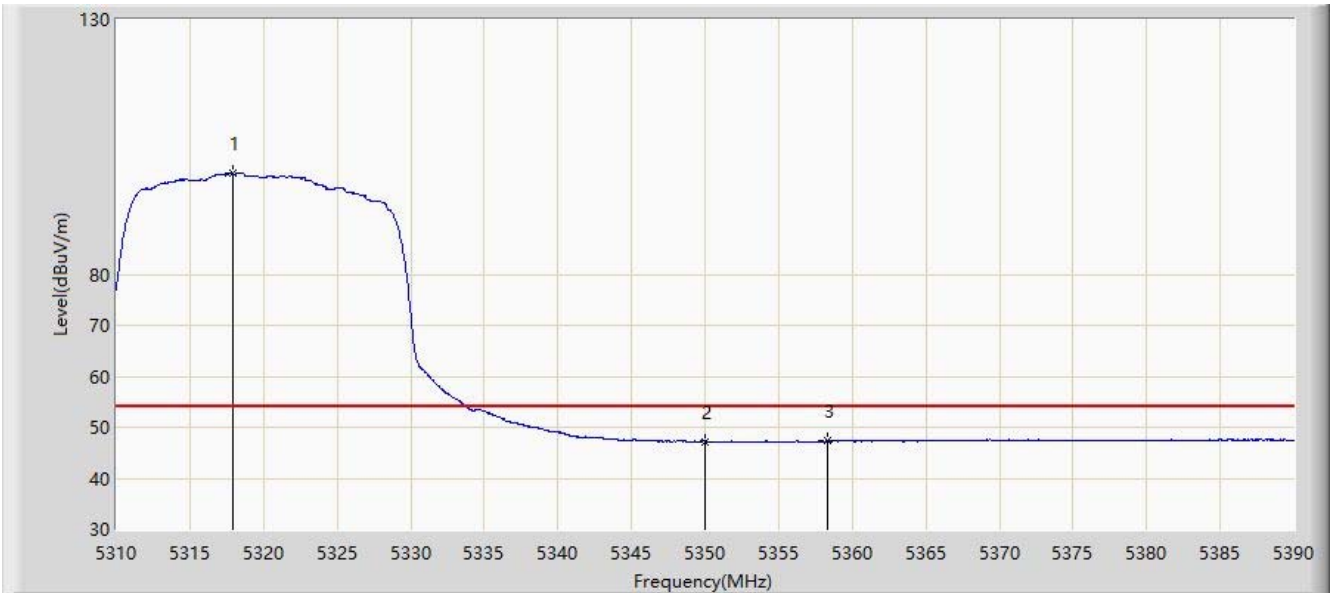


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5318.800	110.635	119.170	N/A	N/A	-8.535	PK
2			5350.000	59.524	68.582	-14.476	74.000	-9.057	PK
3			5360.160	61.950	70.744	-12.050	74.000	-8.793	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:39
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5320MHz	

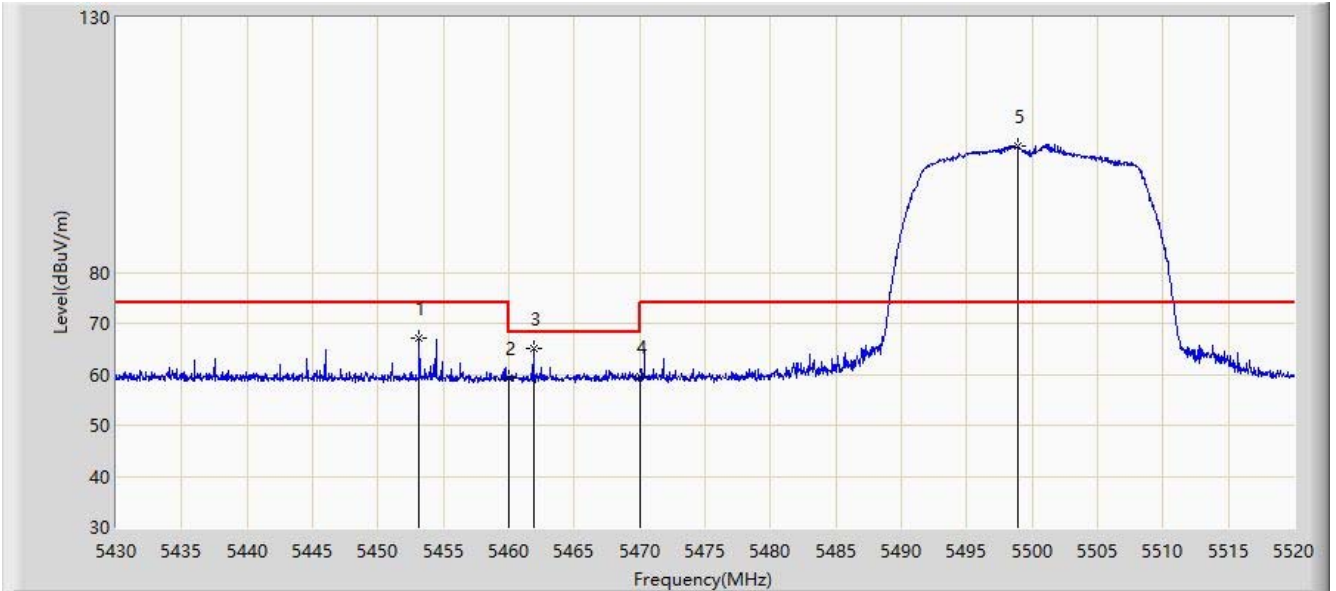


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5317.920	99.784	108.295	N/A	N/A	-8.511	AV
2			5350.000	47.210	56.268	-6.790	54.000	-9.057	AV
3			5358.320	47.431	56.285	-6.569	54.000	-8.854	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 20:05
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5500MHz	

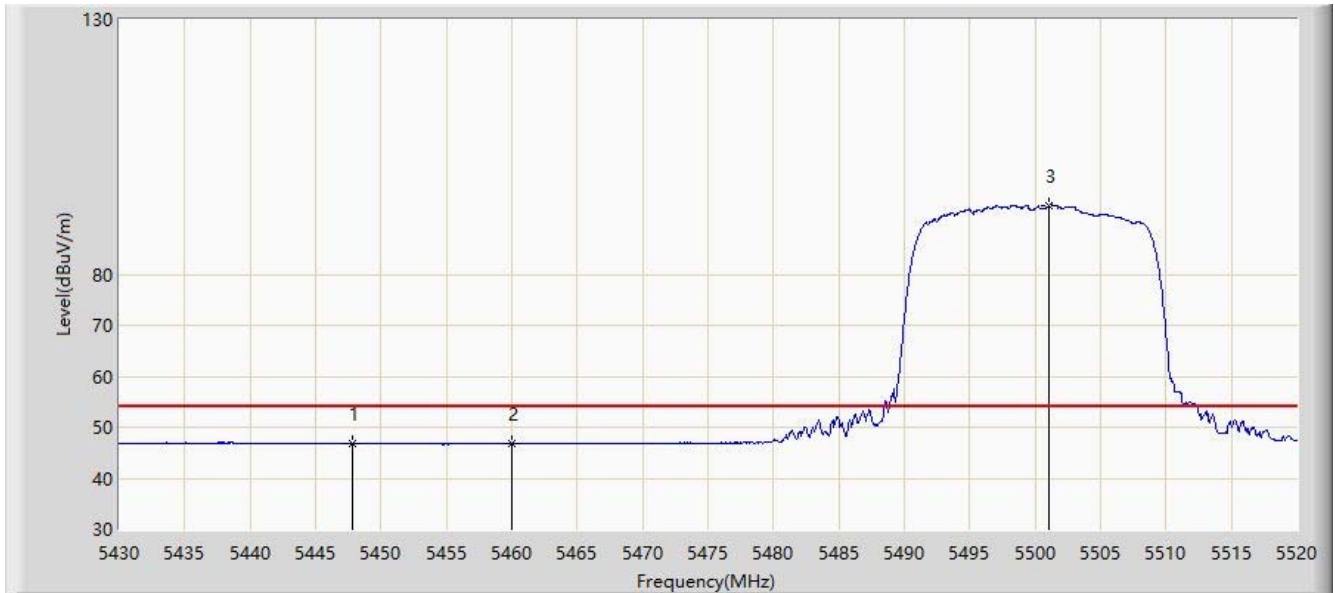


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5453.175	67.193	75.556	-6.807	74.000	-8.364	PK
2			5460.000	59.397	67.741	-14.603	74.000	-8.345	PK
3			5461.905	64.998	73.333	-3.202	68.200	-8.335	PK
4			5470.000	59.518	67.816	-8.682	68.200	-8.297	PK
5		*	5498.895	104.697	112.874	N/A	N/A	-8.177	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 20:07
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5500MHz	

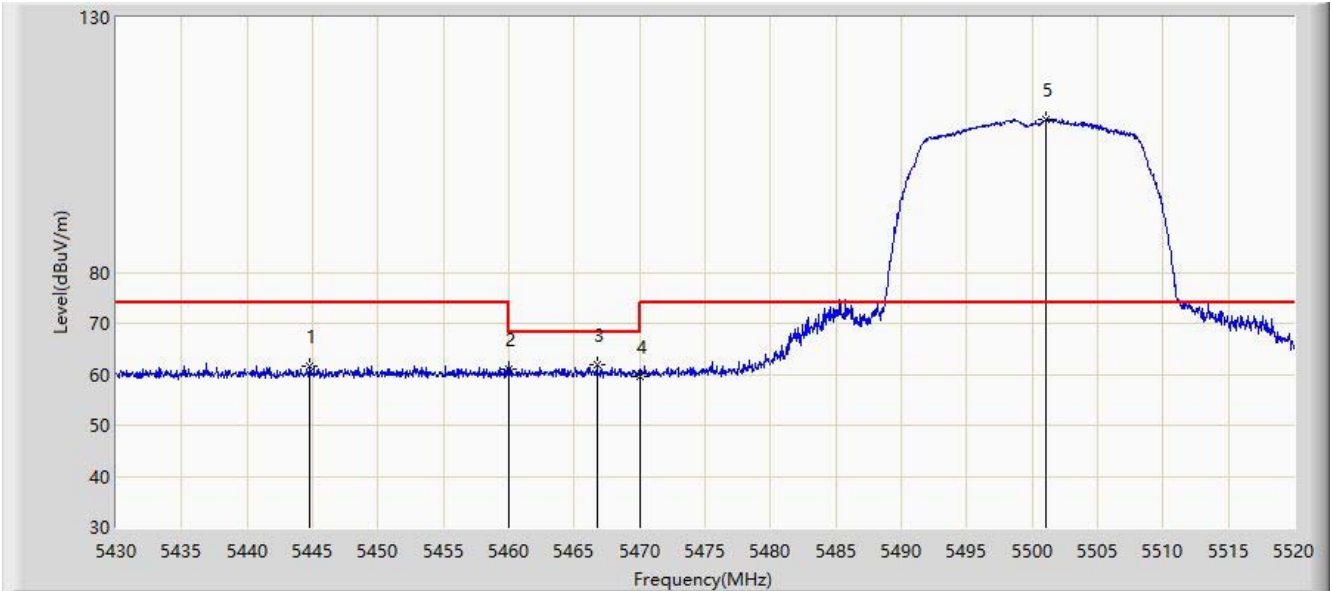


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5447.820	46.938	55.245	-7.062	54.000	-8.308	AV
2			5460.000	46.826	55.170	-7.174	54.000	-8.345	AV
3		*	5501.100	93.534	101.704	N/A	N/A	-8.170	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 19:53
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5500MHz	

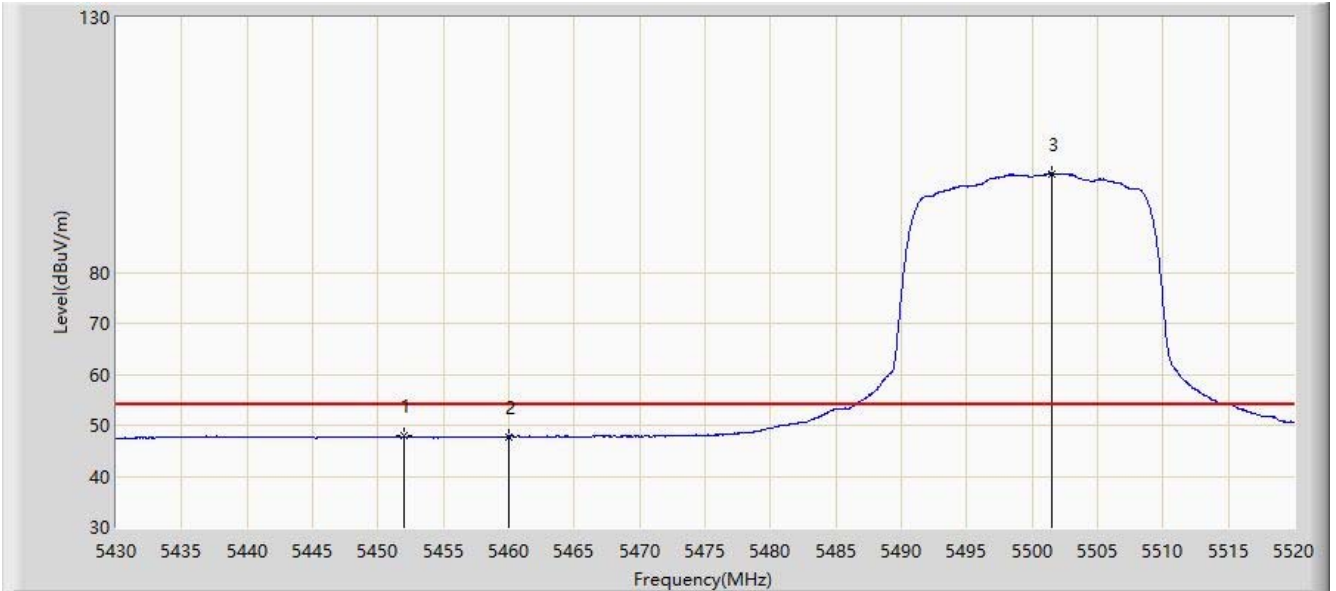


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5444.805	61.701	69.977	-12.299	74.000	-8.276	PK
2			5460.000	60.922	69.266	-13.078	74.000	-8.345	PK
3			5466.720	61.893	70.206	-6.307	68.200	-8.312	PK
4			5470.000	59.682	67.980	-8.518	68.200	-8.297	PK
5		*	5501.055	110.051	118.221	N/A	N/A	-8.170	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 20:00
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5500MHz	

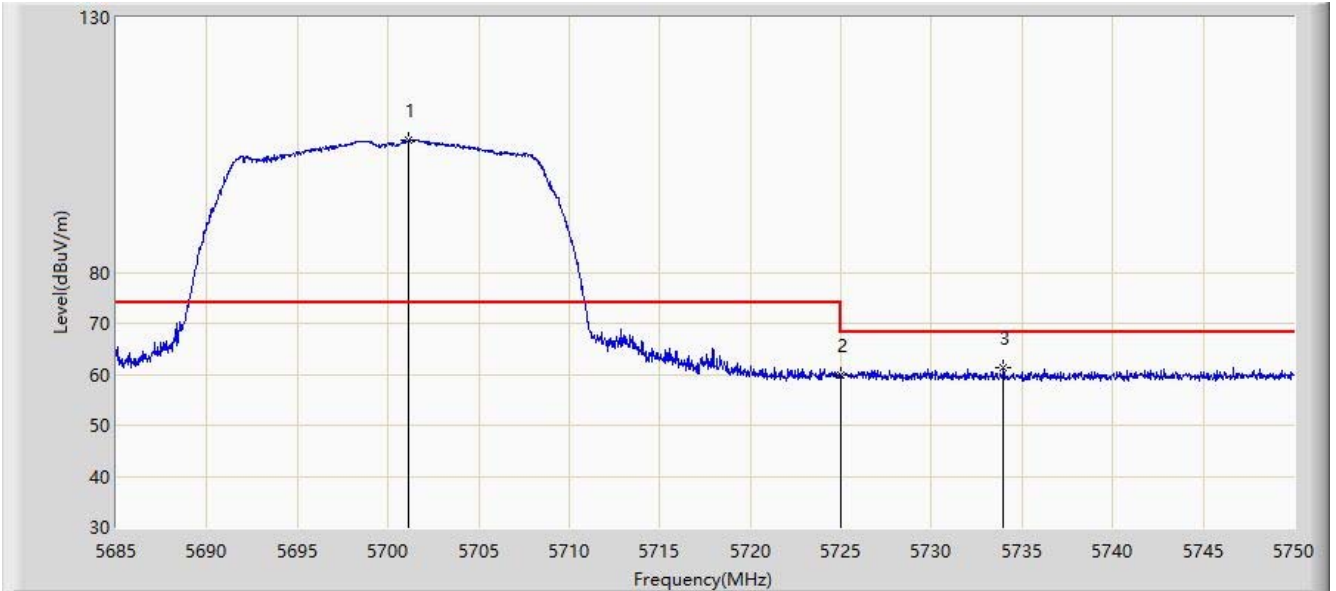


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5451.960	47.831	56.182	-6.169	54.000	-8.350	AV
2			5460.000	47.813	56.157	-6.187	54.000	-8.345	AV
3		*	5501.460	99.417	107.586	N/A	N/A	-8.169	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 20:11
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5700MHz	

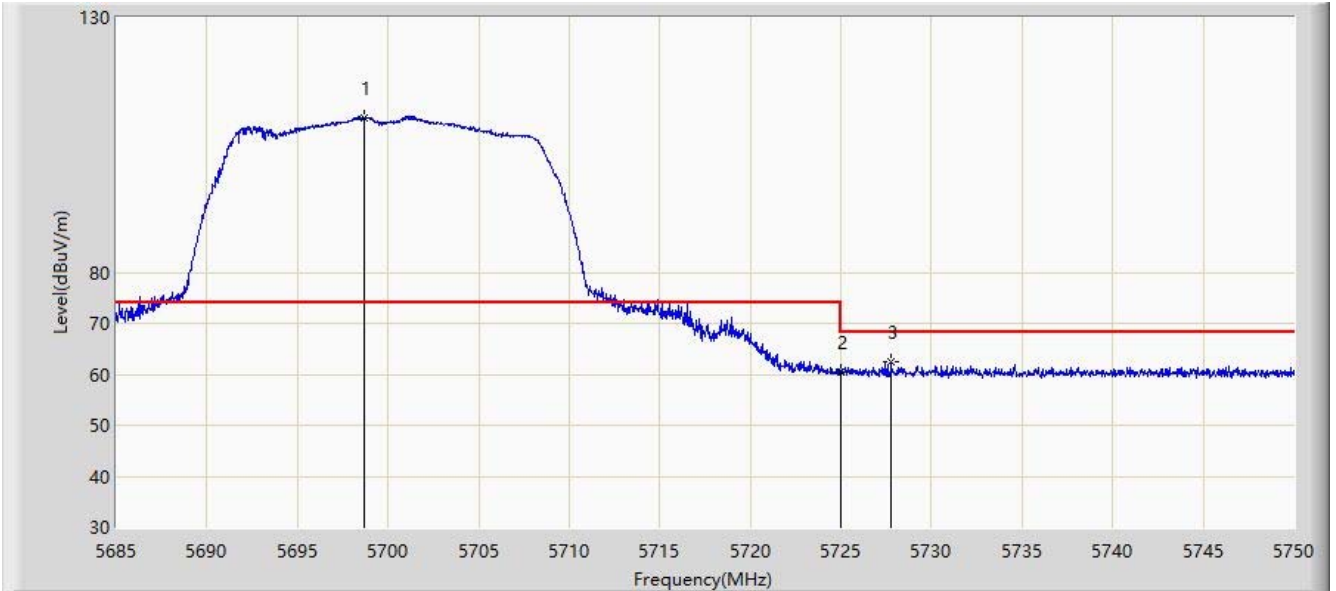


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5701.152	105.953	114.363	N/A	N/A	-8.410	PK
2			5725.000	59.785	68.097	-8.415	68.200	-8.312	PK
3			5733.978	61.347	69.716	-6.853	68.200	-8.369	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 20:20
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT20 at channel 5700MHz	

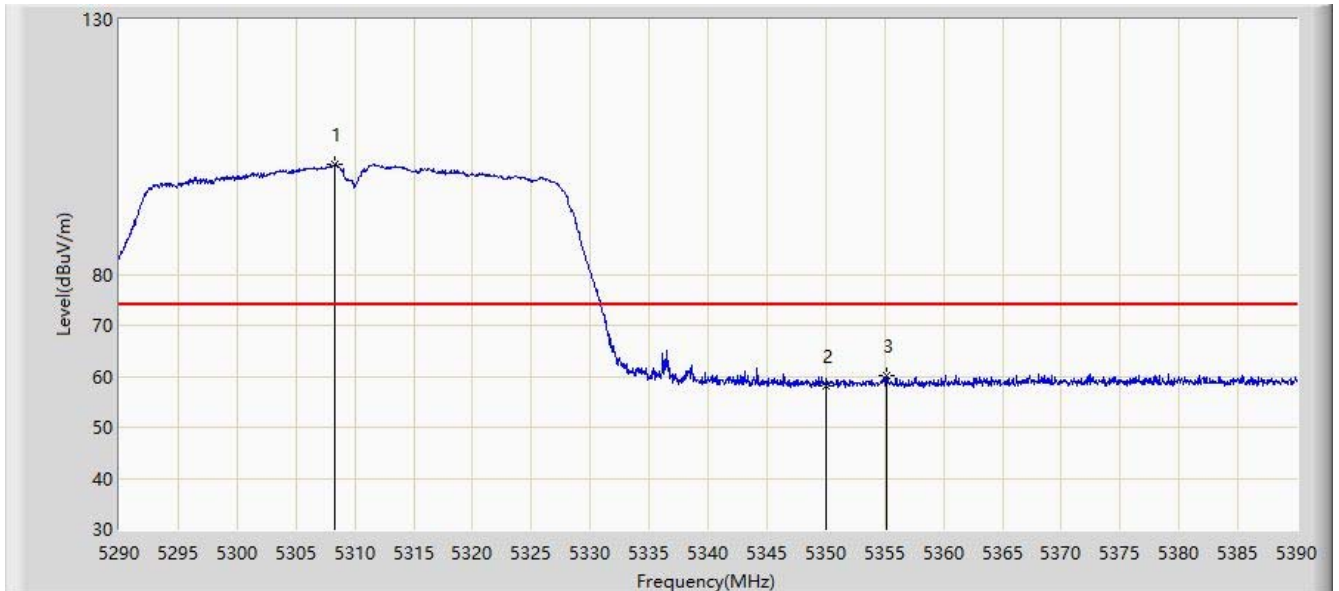


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5698.715	110.389	118.805	N/A	N/A	-8.417	PK
2			5725.000	60.565	68.877	-7.635	68.200	-8.312	PK
3			5727.770	62.537	70.858	-5.663	68.200	-8.321	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:25
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5310MHz	

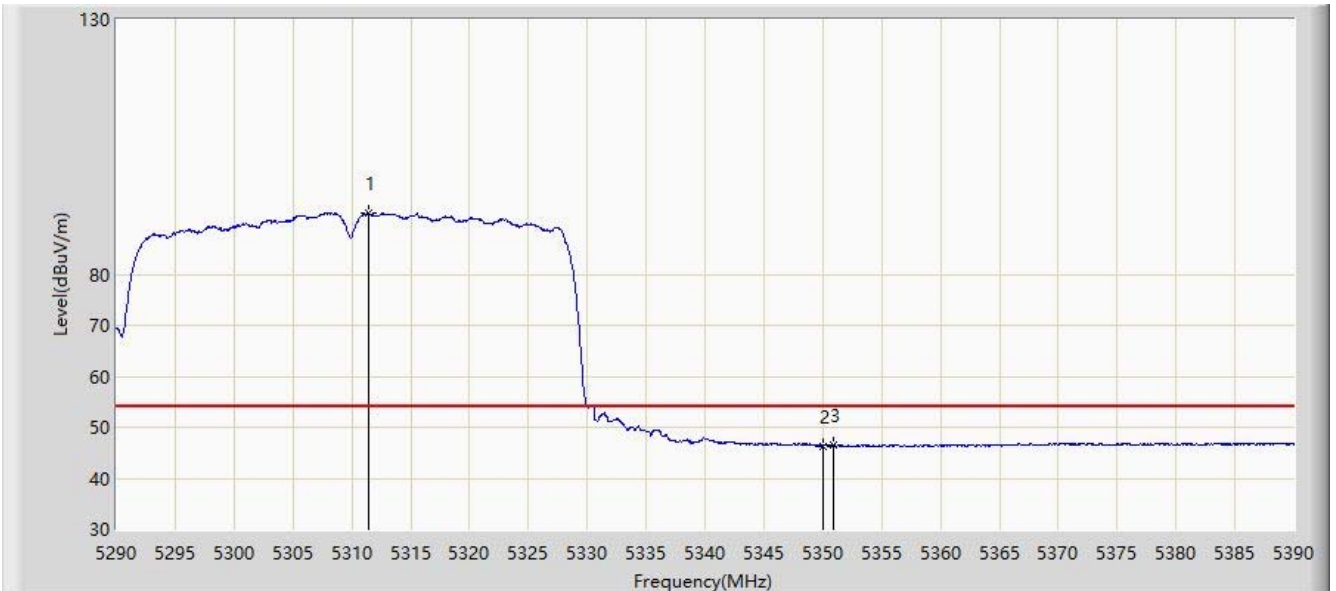


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5308.350	101.658	110.317	N/A	N/A	-8.658	PK
2			5350.000	58.155	67.213	-15.845	74.000	-9.057	PK
3			5355.150	60.097	69.054	-13.903	74.000	-8.957	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:30
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5310MHz	

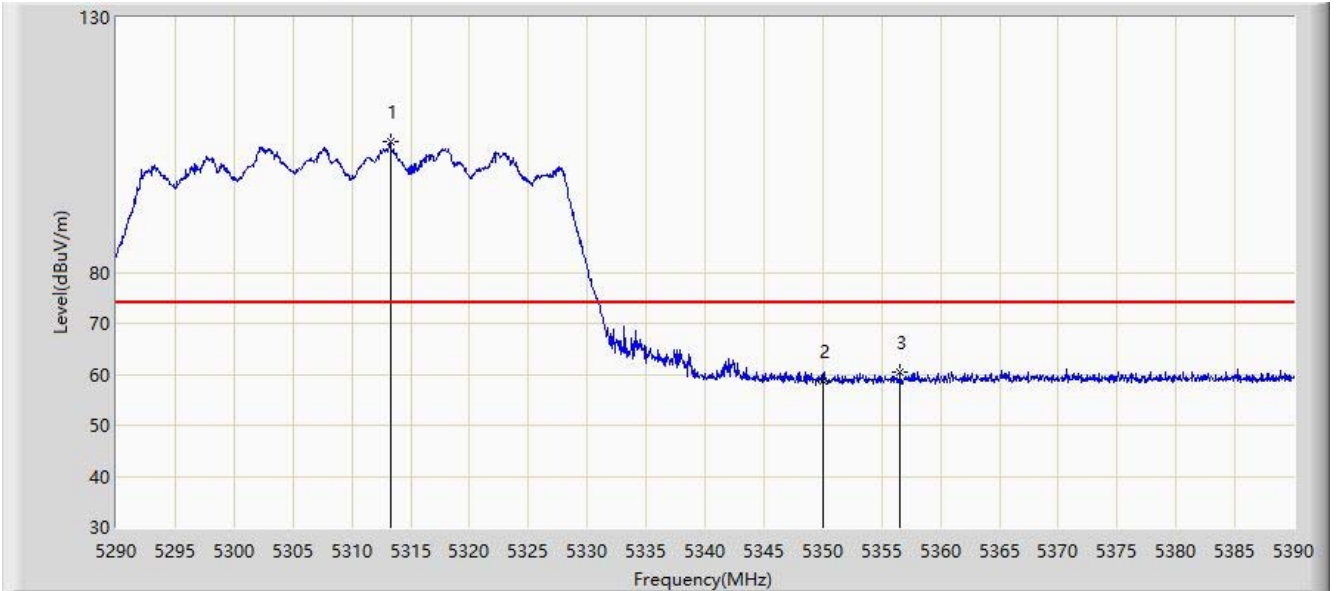


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5311.400	91.969	100.581	N/A	N/A	-8.612	AV
2			5350.000	46.352	55.410	-7.648	54.000	-9.057	AV
3			5350.850	46.511	55.570	-7.489	54.000	-9.058	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 11:44
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5310MHz	

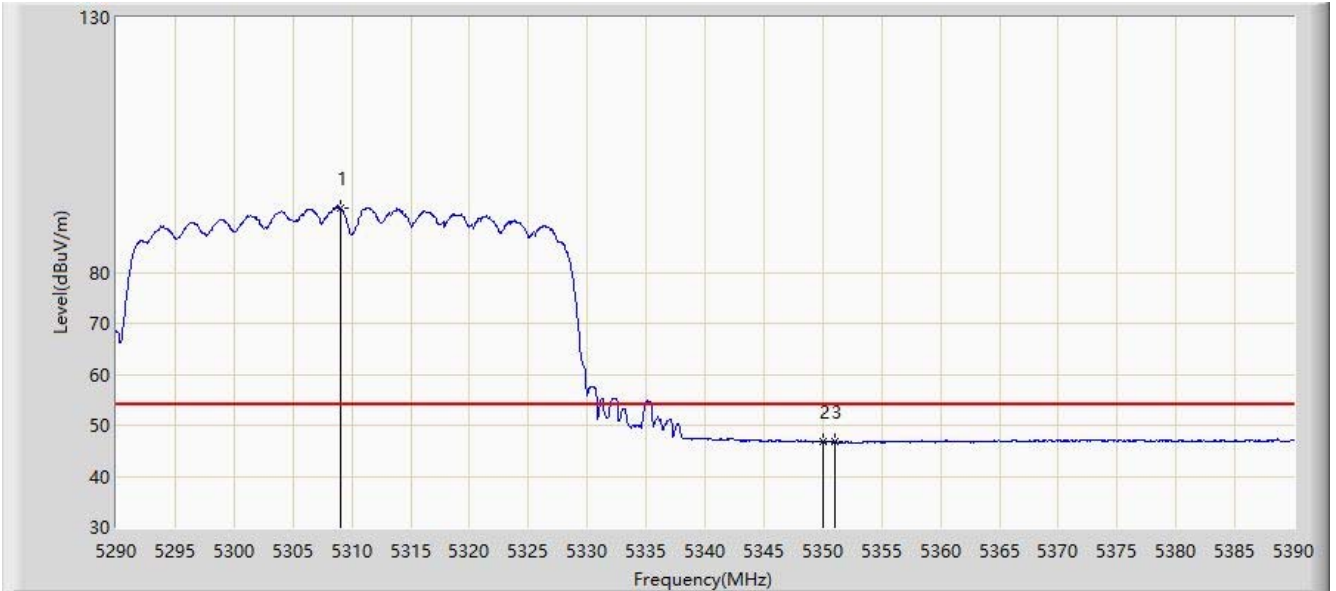


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5313.250	105.517	114.100	N/A	N/A	-8.584	PK
2			5350.000	58.744	67.802	-15.256	74.000	-9.057	PK
3			5356.600	60.473	69.383	-13.527	74.000	-8.911	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:20
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5310MHz	

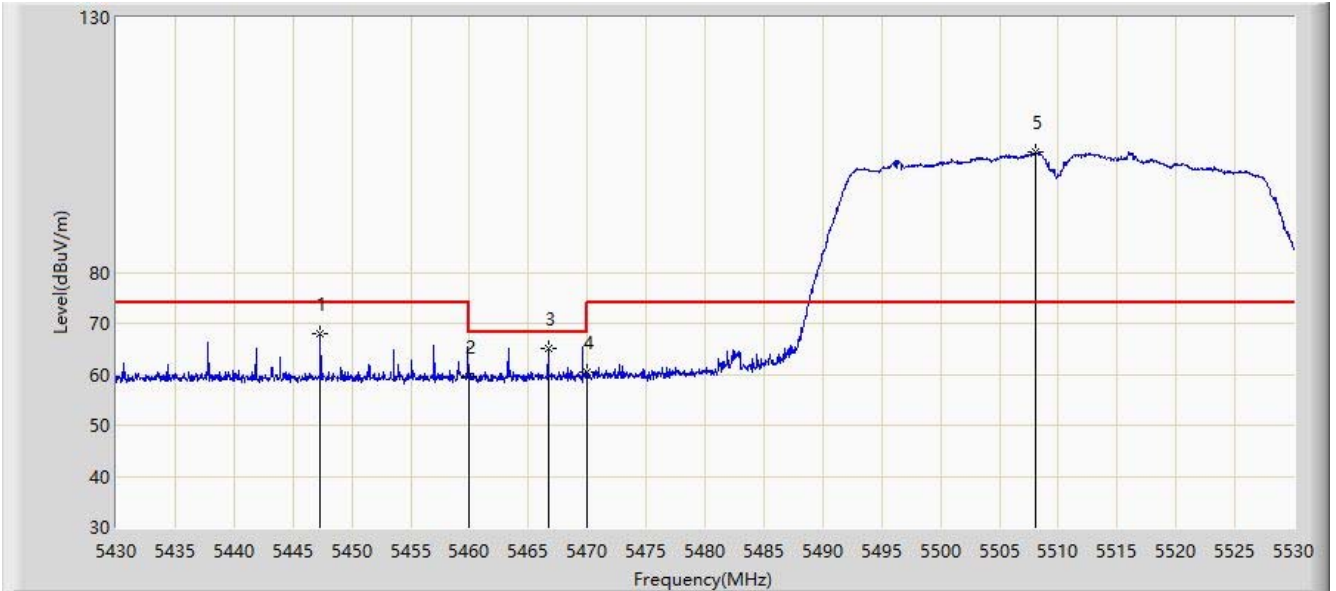


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5309.050	92.589	101.237	N/A	N/A	-8.649	AV
2			5350.000	46.746	55.804	-7.254	54.000	-9.057	AV
3			5351.000	46.844	55.903	-7.156	54.000	-9.059	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:51
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5510MHz	

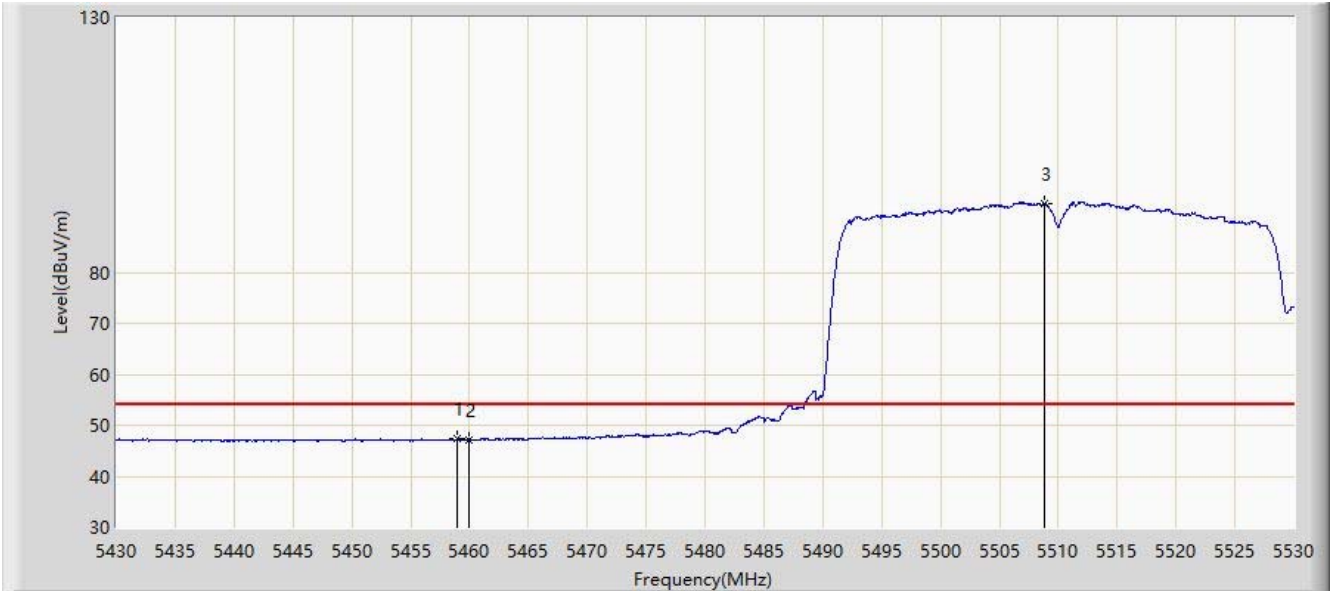


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5447.350	67.829	76.131	-6.171	74.000	-8.303	PK
2			5460.000	59.517	67.861	-14.483	74.000	-8.345	PK
3			5466.700	65.162	73.475	-3.038	68.200	-8.312	PK
4			5470.000	60.390	68.688	-7.810	68.200	-8.297	PK
5		*	5508.050	103.489	111.661	N/A	N/A	-8.173	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:59
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5510MHz	

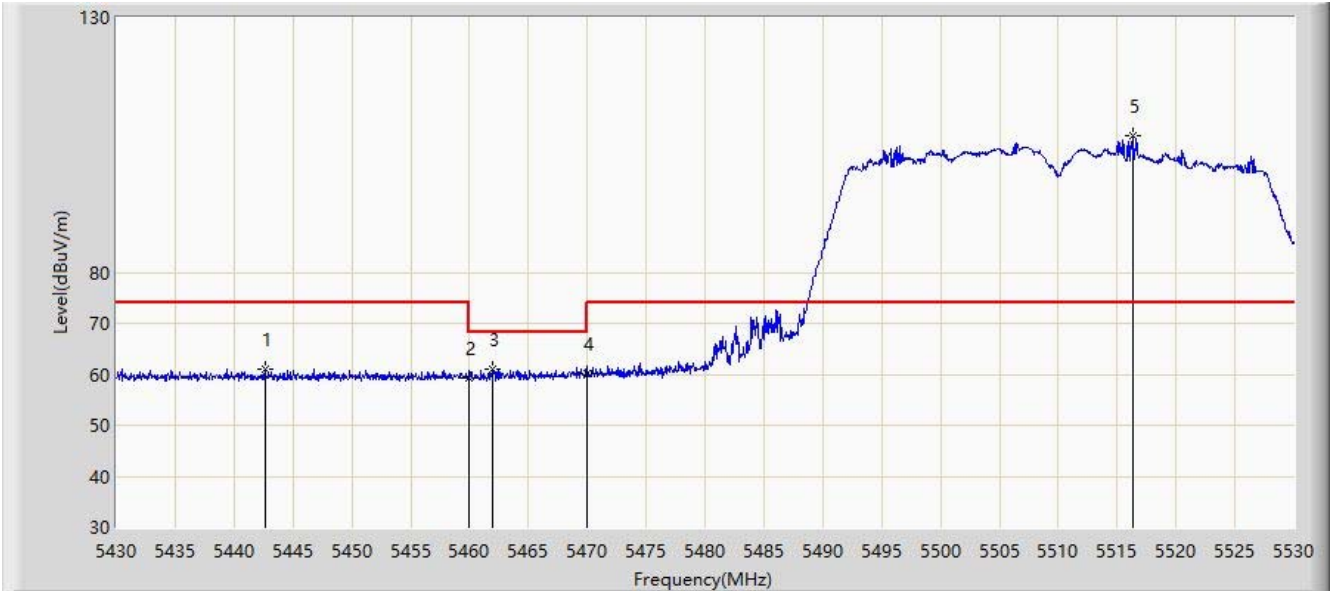


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5458.950	47.343	55.692	-6.657	54.000	-8.349	AV
2			5460.000	47.168	55.512	-6.832	54.000	-8.345	AV
3		*	5508.800	93.551	101.727	N/A	N/A	-8.176	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:40
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5510MHz	

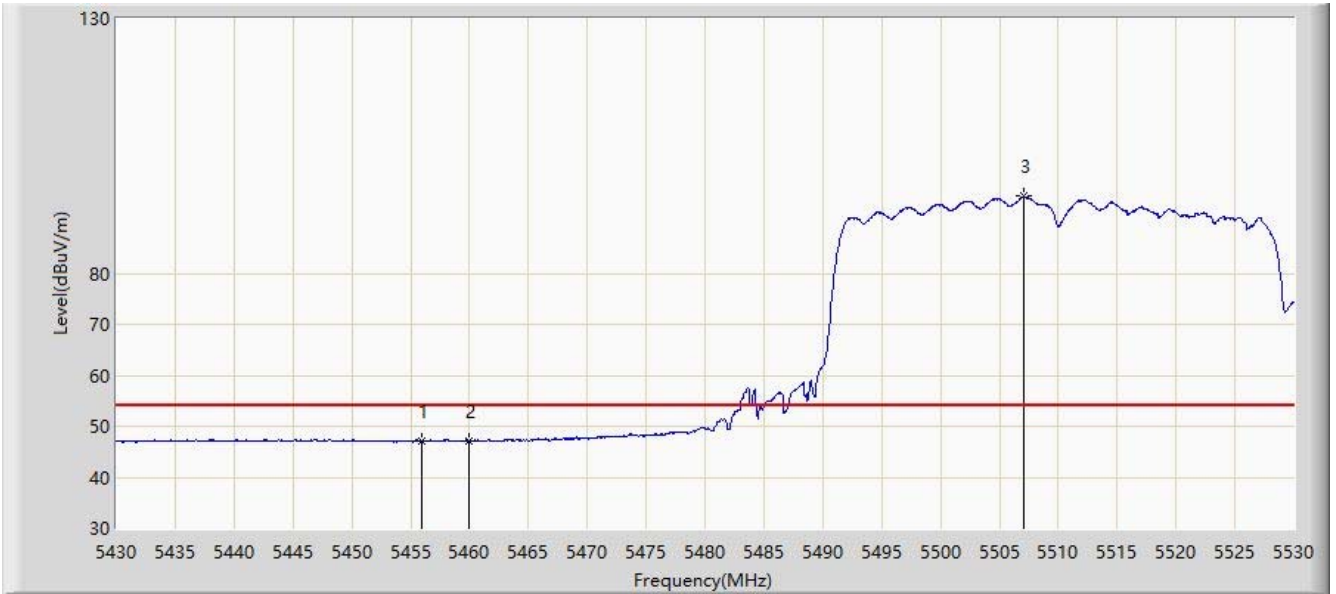


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5442.600	61.126	69.379	-12.874	74.000	-8.252	PK
2			5460.000	59.227	67.571	-14.773	74.000	-8.345	PK
3			5462.000	60.898	69.233	-7.302	68.200	-8.335	PK
4			5470.000	60.234	68.532	-7.966	68.200	-8.297	PK
5		*	5516.350	106.706	114.915	N/A	N/A	-8.210	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 13:48
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5510MHz	

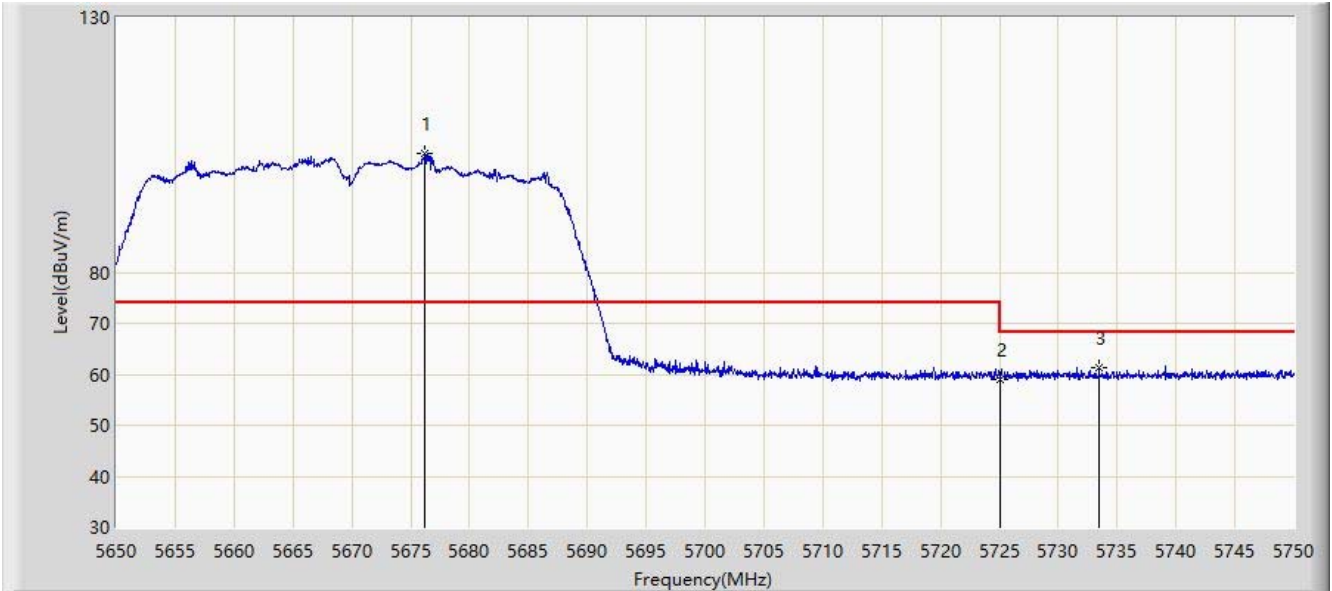


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5456.000	47.230	55.593	-6.770	54.000	-8.363	AV
2			5460.000	47.178	55.522	-6.822	54.000	-8.345	AV
3		*	5507.100	95.078	103.246	N/A	N/A	-8.169	AV

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

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

Site: SIP-AC3	Time: 2021/02/23 - 21:31
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5670MHz	

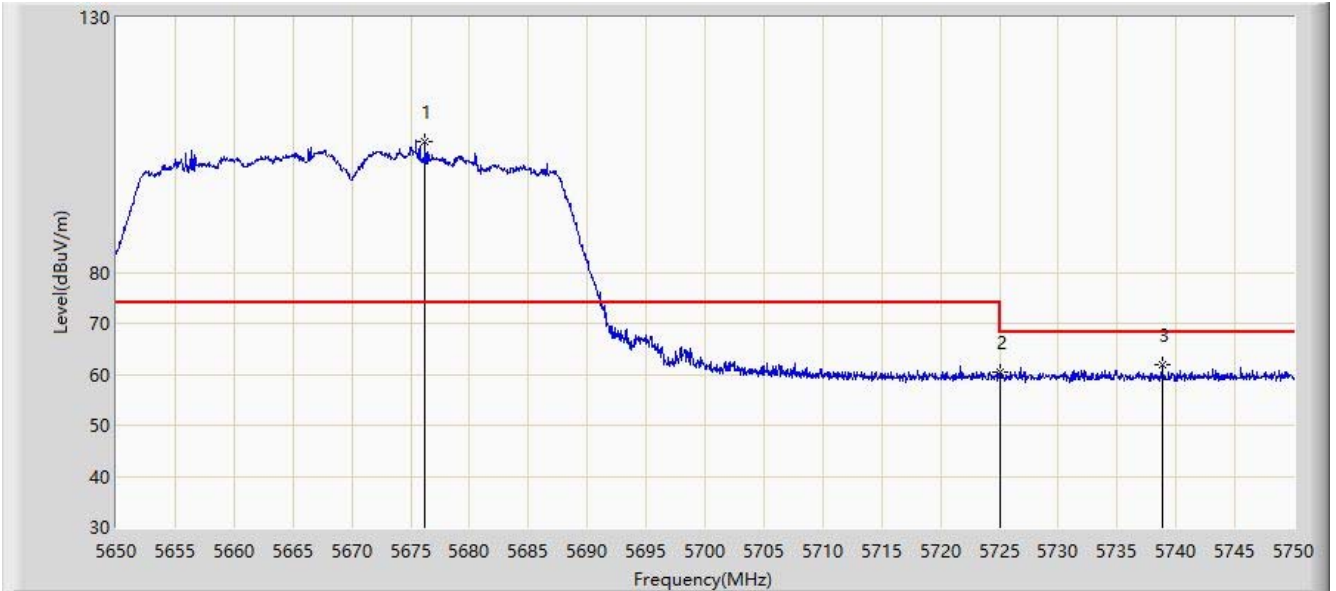


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5676.250	103.223	111.556	N/A	N/A	-8.332	PK
2			5725.000	59.076	67.388	-9.124	68.200	-8.312	PK
3			5733.450	61.311	69.676	-6.889	68.200	-8.366	PK

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

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

Site: SIP-AC3	Time: 2021/02/23 - 21:34
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT40 at channel 5670MHz	

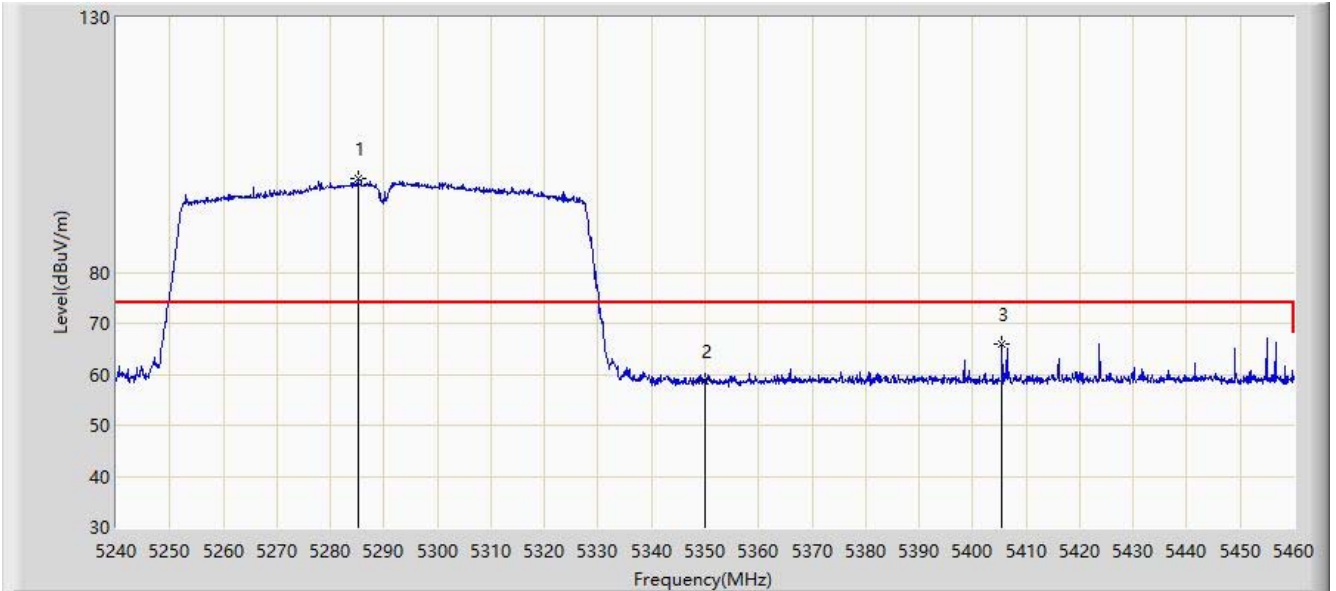


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5676.200	105.702	114.035	N/A	N/A	-8.332	PK
2			5725.000	60.567	68.879	-7.633	68.200	-8.312	PK
3			5738.800	61.940	70.347	-6.260	68.200	-8.407	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 14:57
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5290MHz	

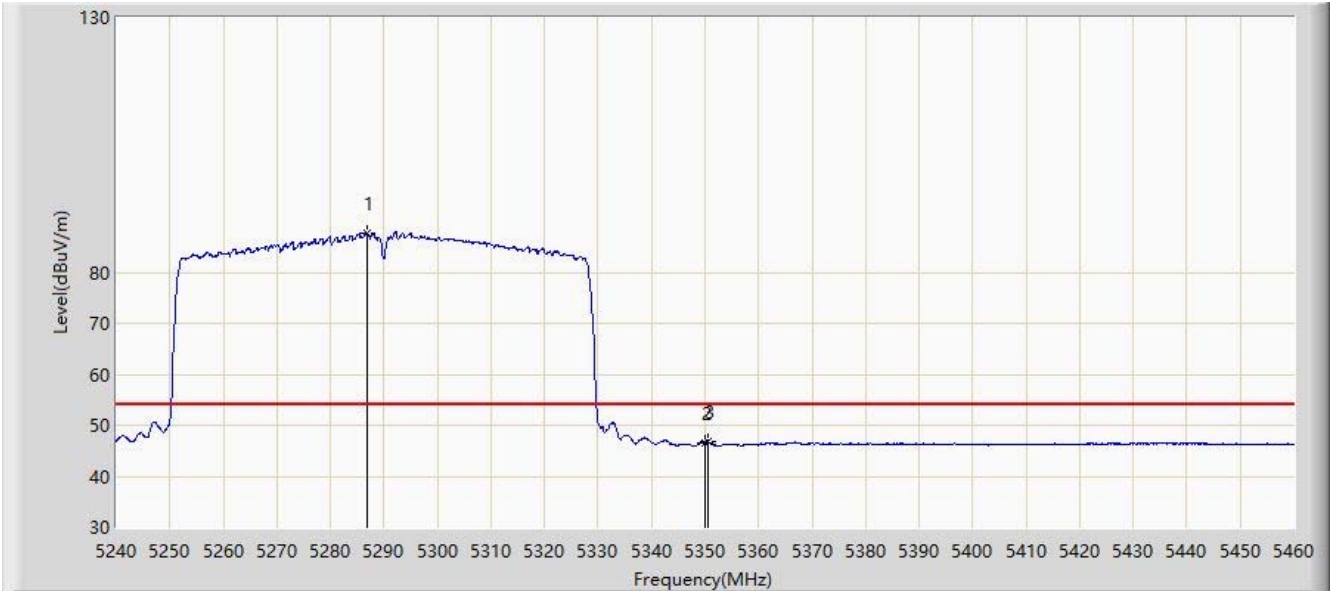


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5285.100	98.541	107.219	N/A	N/A	-8.679	PK
2			5350.000	58.751	67.809	-15.249	74.000	-9.057	PK
3			5405.550	65.917	74.332	-8.083	74.000	-8.415	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:04
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5290MHz	

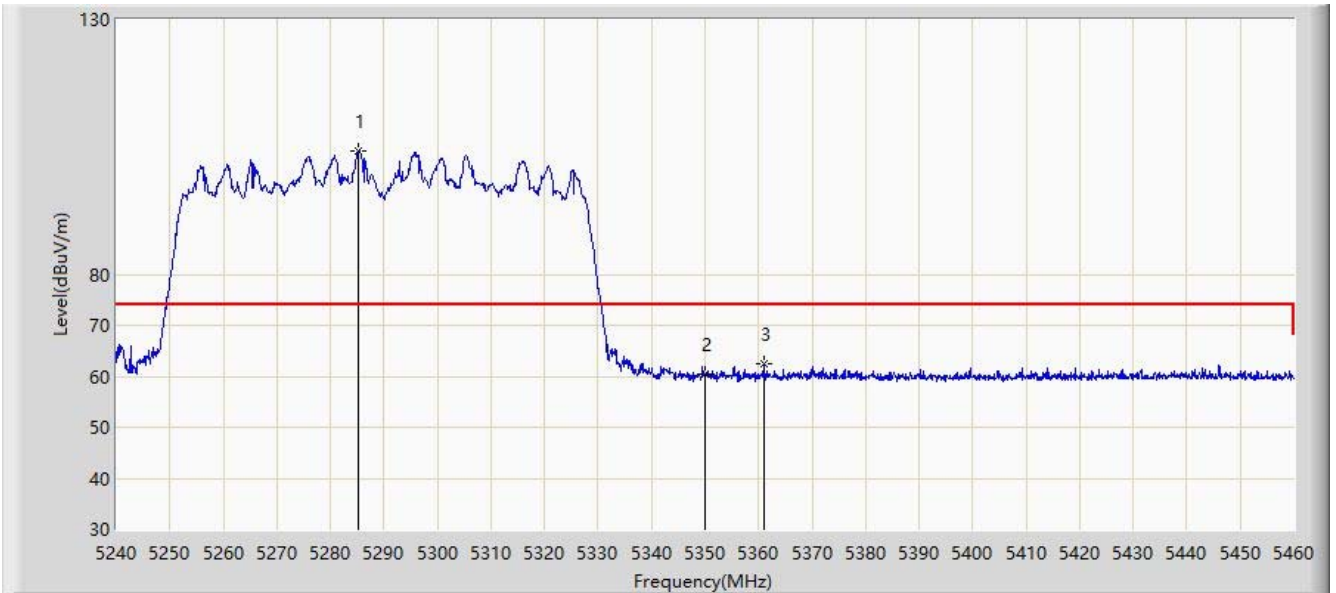


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5286.750	87.704	96.392	N/A	N/A	-8.688	AV
2			5350.000	46.658	55.716	-7.342	54.000	-9.057	AV
3			5350.440	46.689	55.747	-7.311	54.000	-9.058	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 14:08
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5290MHz	

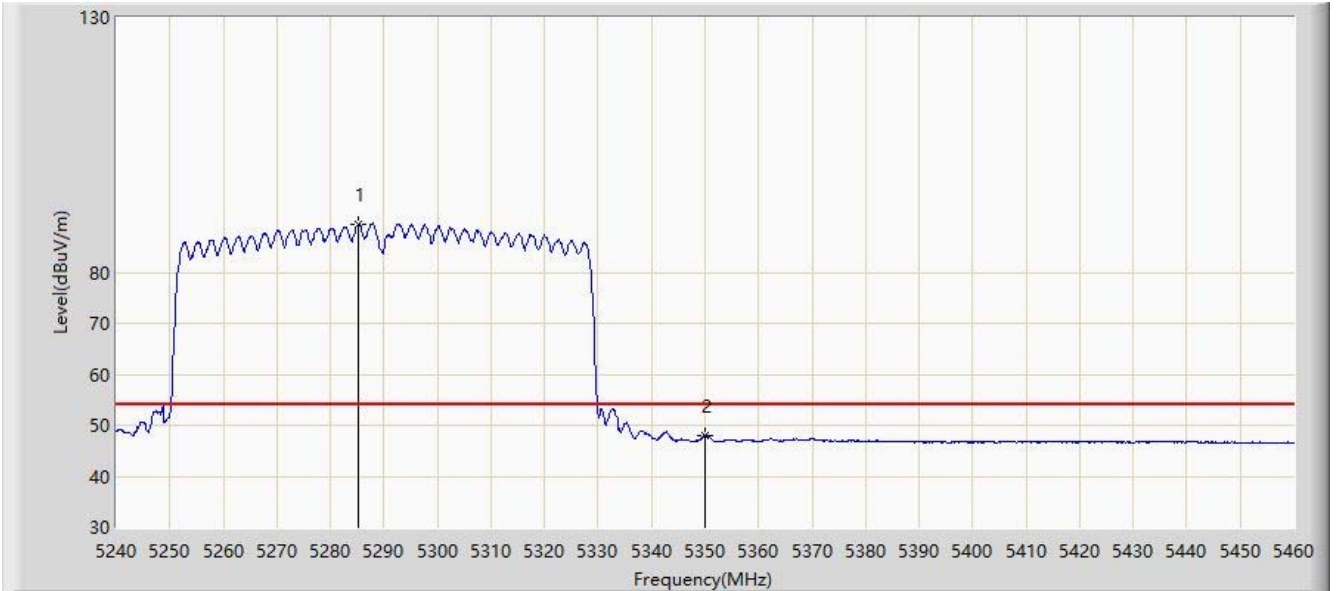


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5285.210	104.218	112.897	N/A	N/A	-8.679	PK
2			5350.000	60.307	69.365	-13.693	74.000	-9.057	PK
3			5361.000	62.518	71.284	-11.482	74.000	-8.766	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 14:23
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5290MHz	

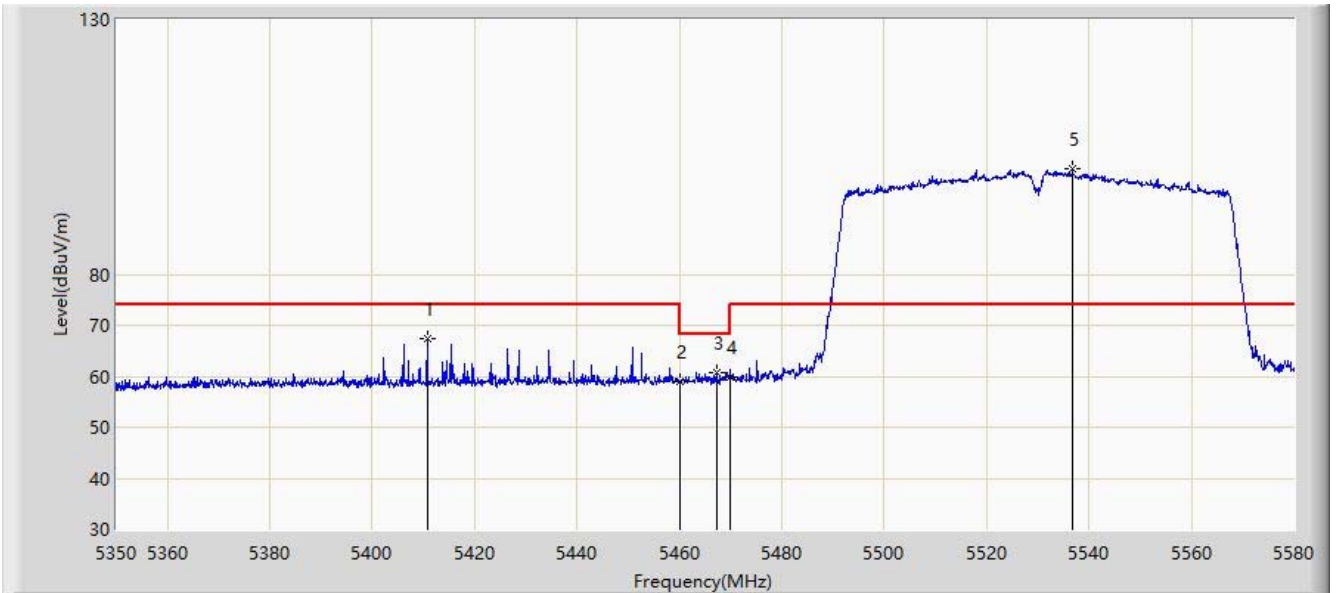


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5285.210	89.481	98.160	N/A	N/A	-8.679	AV
2			5350.000	48.008	57.066	-5.992	54.000	-9.057	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:20
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5530MHz	

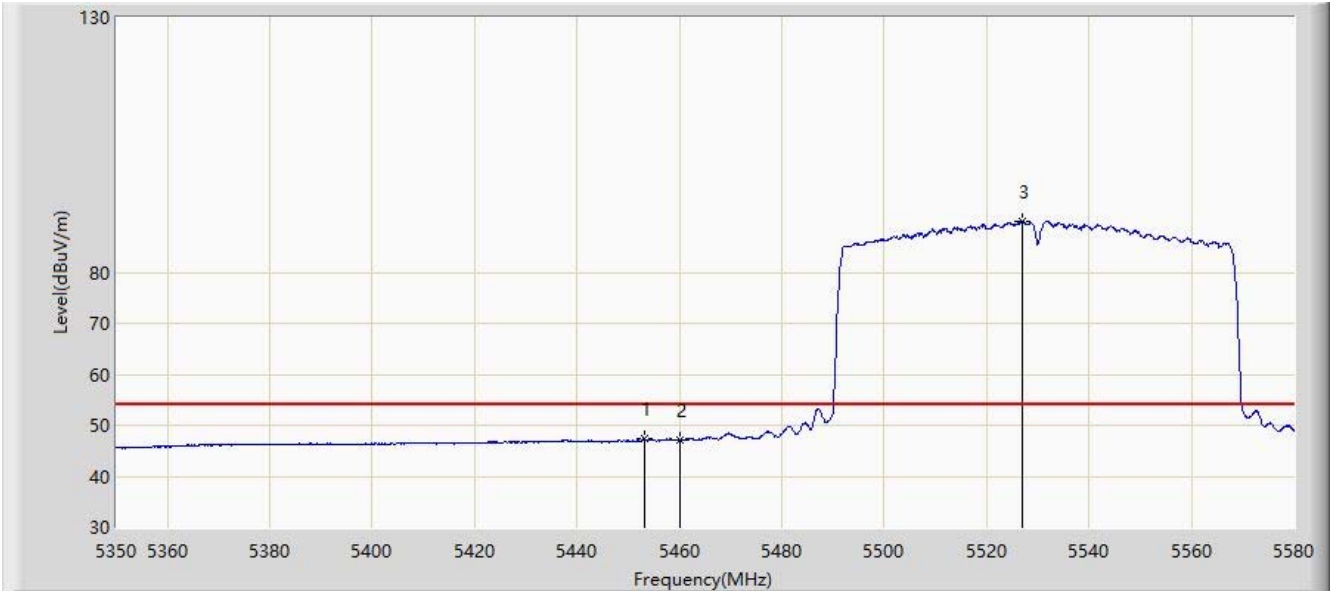


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5410.720	67.382	75.751	-6.618	74.000	-8.369	PK
2			5460.000	58.923	67.267	-15.077	74.000	-8.345	PK
3			5467.185	60.629	68.940	-7.571	68.200	-8.310	PK
4			5470.000	59.946	68.244	-8.254	68.200	-8.297	PK
5		*	5536.760	100.704	108.734	N/A	N/A	-8.030	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:24
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5530MHz	

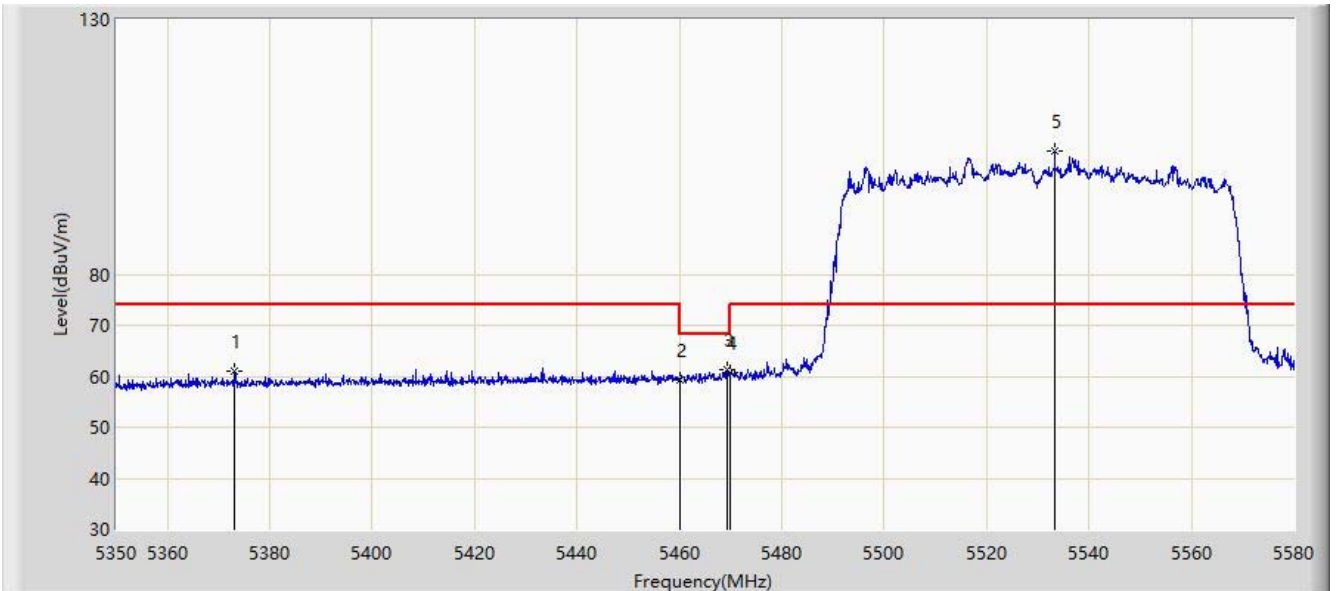


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5453.040	47.411	55.773	-6.589	54.000	-8.362	AV
2			5460.000	47.032	55.376	-6.968	54.000	-8.345	AV
3		*	5526.870	90.103	98.270	N/A	N/A	-8.166	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:08
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5530MHz	

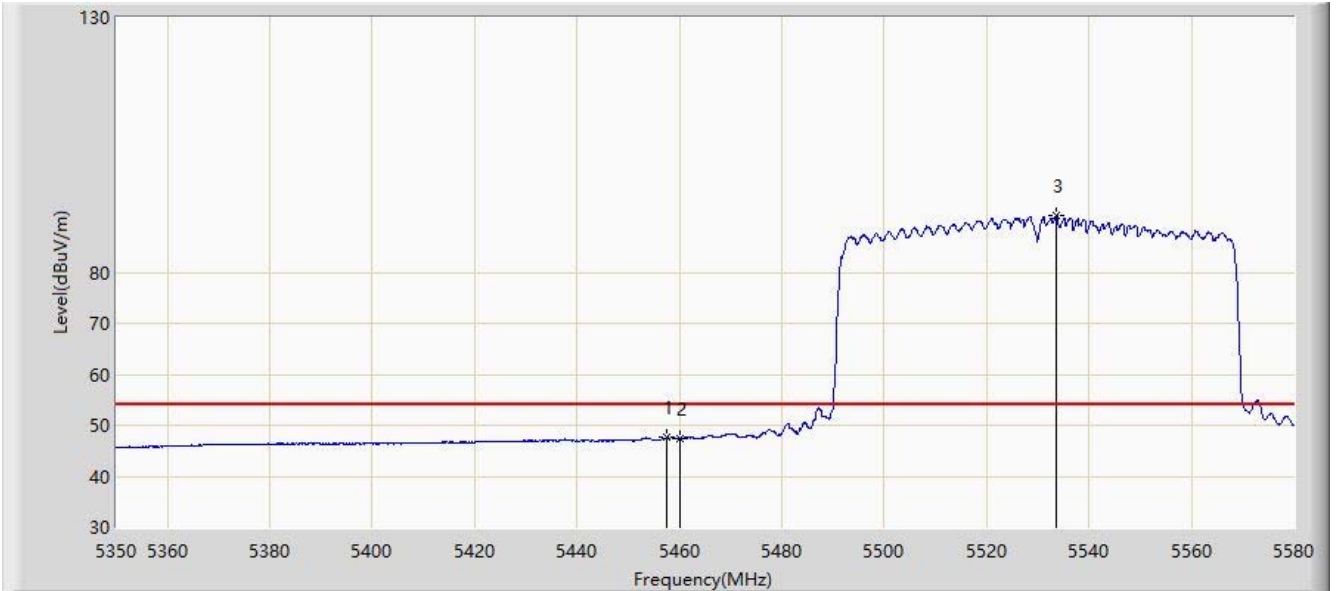


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5373.115	61.071	69.553	-12.929	74.000	-8.482	PK
2			5460.000	59.195	67.539	-14.805	74.000	-8.345	PK
3			5469.255	61.278	69.579	-6.922	68.200	-8.301	PK
4			5470.000	60.748	69.046	-7.452	68.200	-8.297	PK
5		*	5533.310	104.268	112.346	N/A	N/A	-8.078	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:19
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5530MHz	

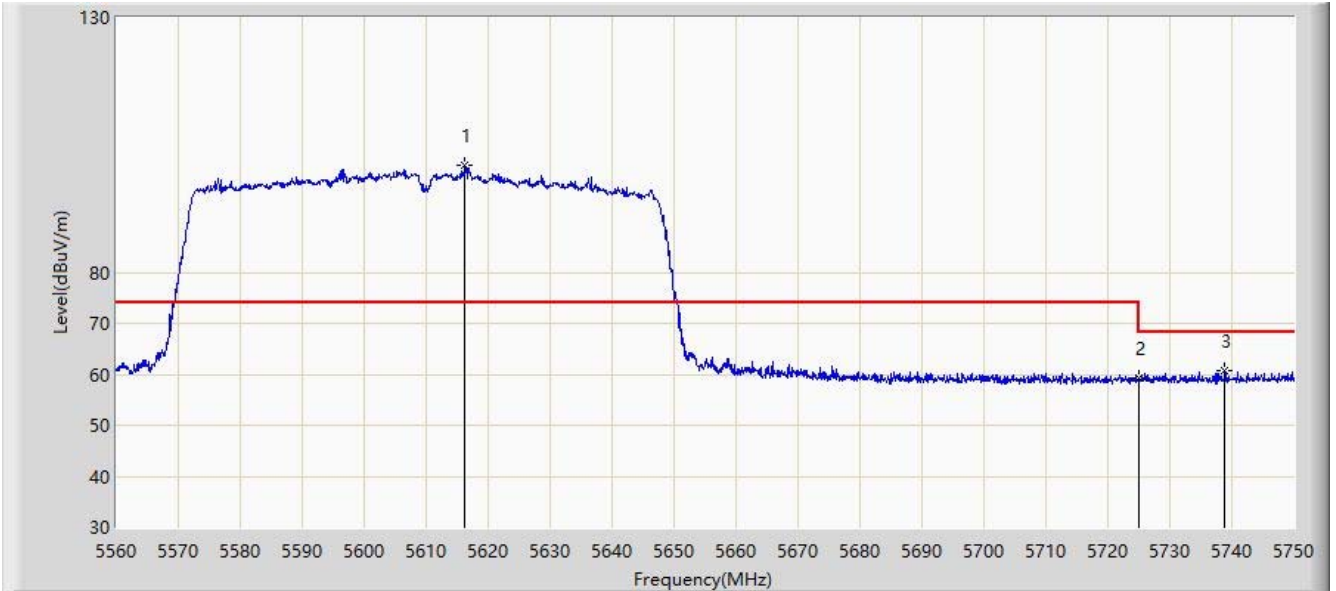


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1			5457.640	47.578	55.933	-6.422	54.000	-8.355	AV
2			5460.000	47.337	55.681	-6.663	54.000	-8.345	AV
3		*	5533.540	91.051	99.125	N/A	N/A	-8.075	AV

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:28
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5610MHz	

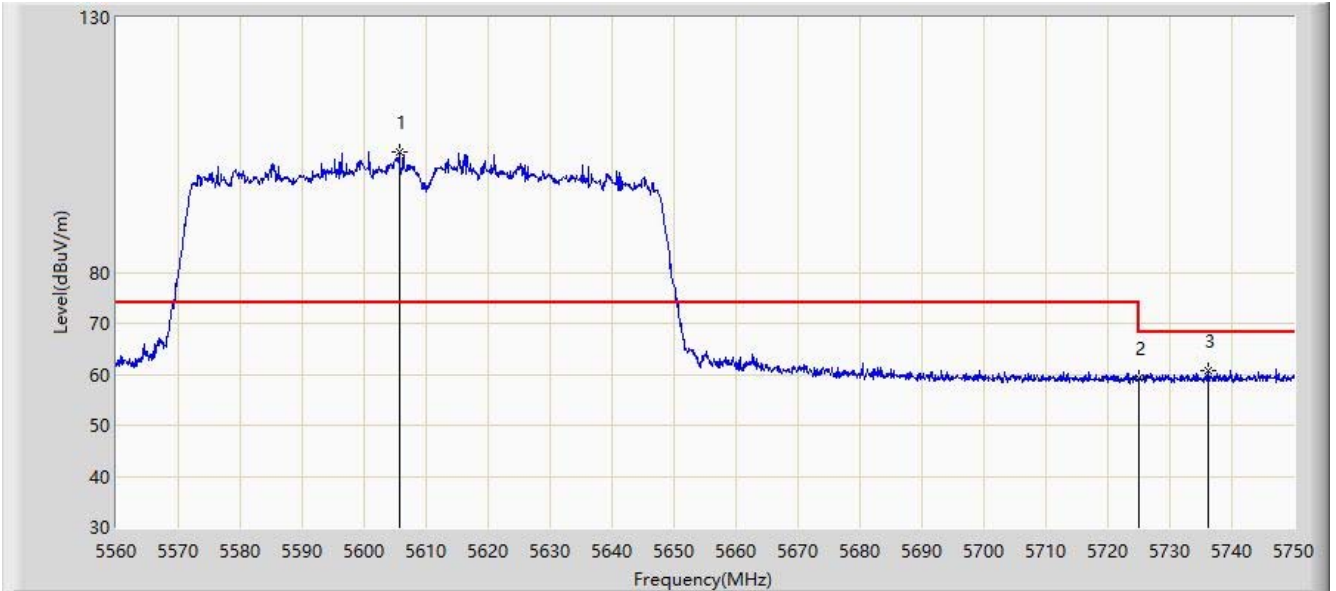


No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5616.240	100.992	109.200	N/A	N/A	-8.208	PK
2			5725.000	59.181	67.493	-9.019	68.200	-8.312	PK
3			5738.790	60.596	69.003	-7.604	68.200	-8.407	PK

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

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

Site: SIP-AC3	Time: 2021/02/25 - 15:34
Limit: FCC_Part15_209 RE(3m)	Engineer: White Wang
Probe: SIP-AC3_HF907_102861_1-18GHz	Polarity: Vertical
EUT: Dual Band ONT	Power: AC 120V/60Hz
Note: Transmit by 802.11ac-VHT80 at channel 5610MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		*	5605.600	103.674	111.842	N/A	N/A	-8.168	PK
2			5725.000	59.173	67.485	-9.027	68.200	-8.312	PK
3			5736.130	60.748	69.134	-7.452	68.200	-8.387	PK

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

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

6.9. AC Conducted Emissions Measurement

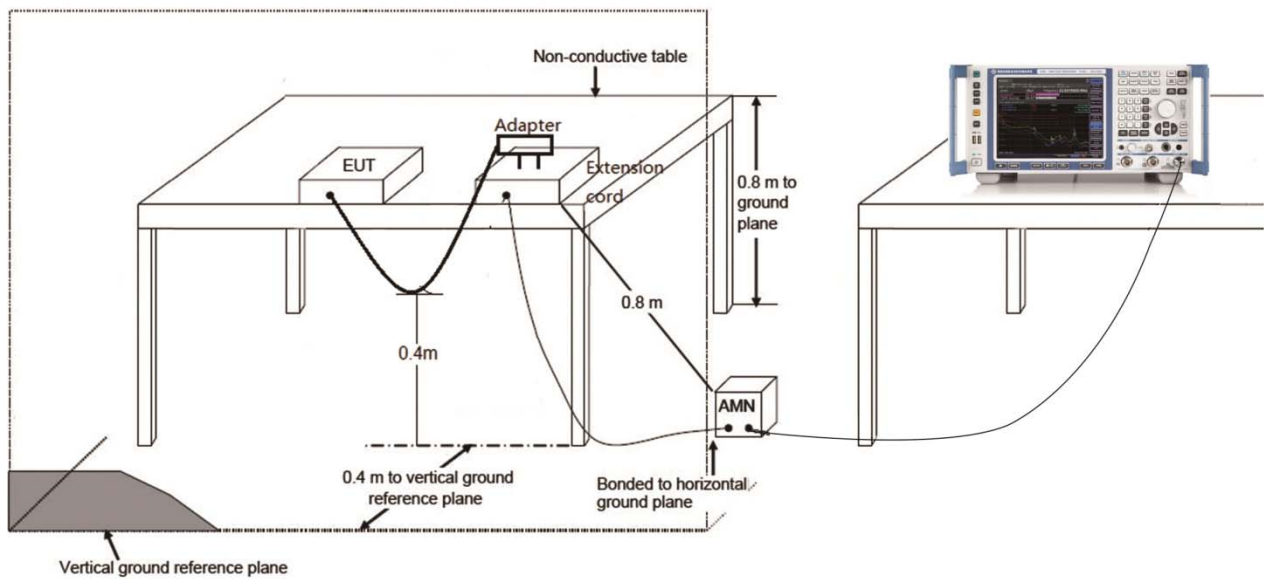
6.9.1. Test Limit

FCC Part 15 Subpart C Paragraph 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	Average (dB μ V)
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.

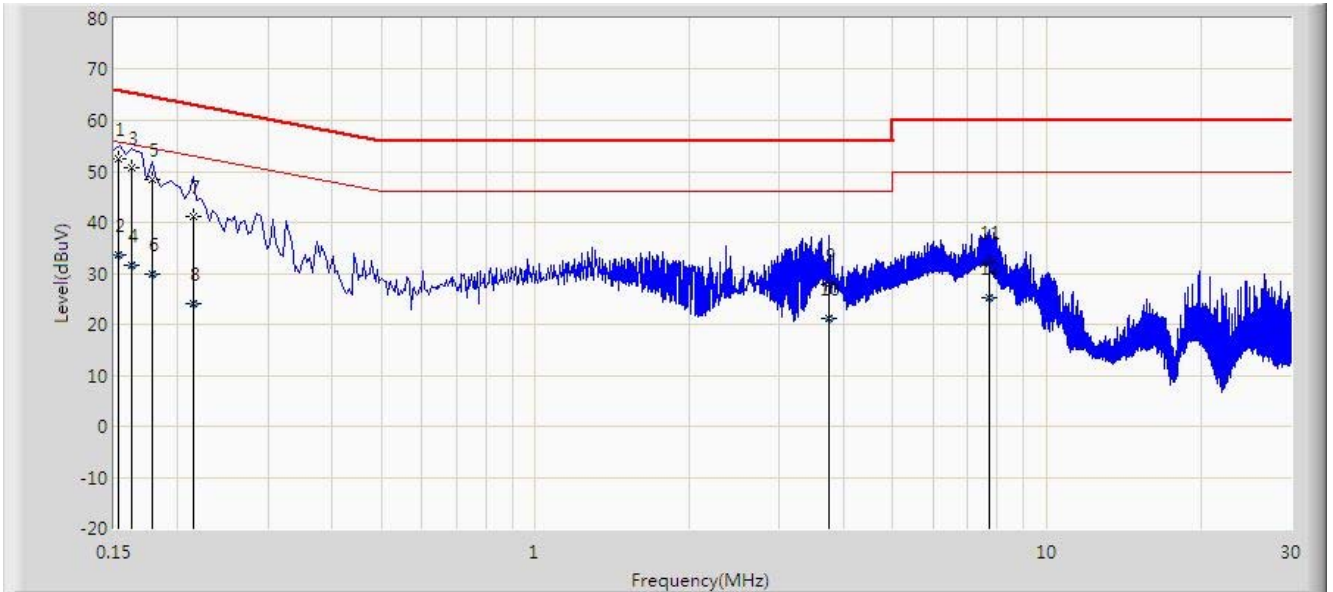
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

6.9.2. Test Setup



6.9.3. Test Result

Site: SIP-SR2	Time: 2021/03/15
Limit: FCC_Part15.207_CE_AC Power	Engineer: Rupert Wang
Probe: SIP-SR2-ENV216_101684_With Connect	Polarity: Line
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5260MHz	

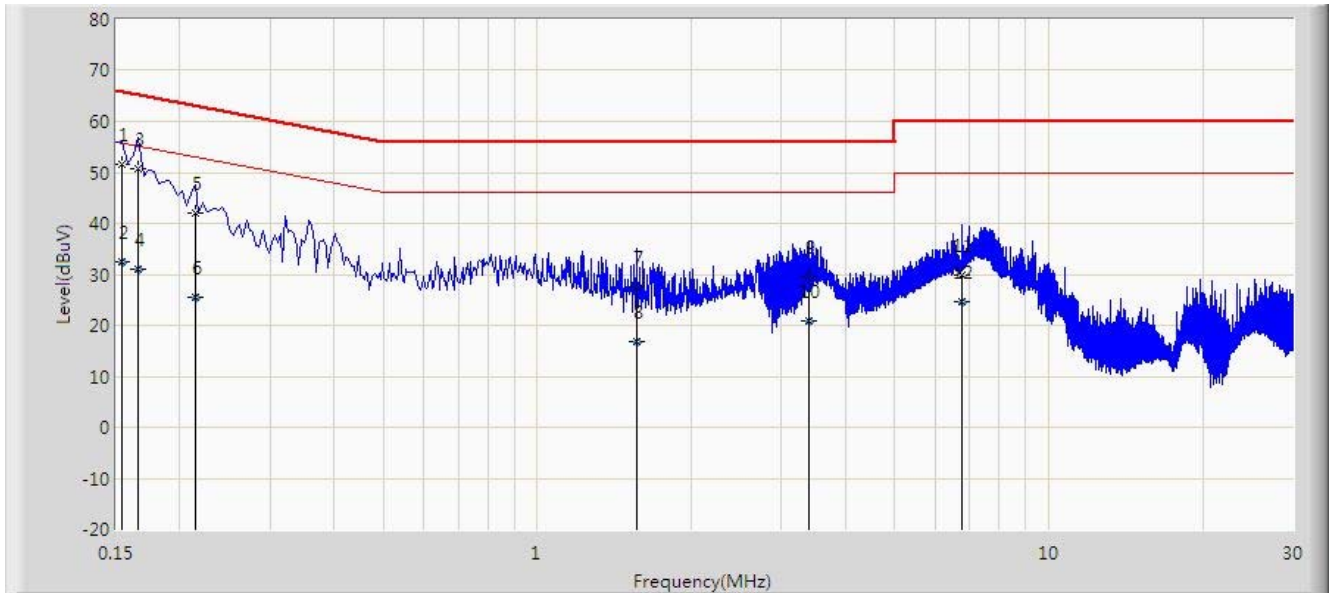


No	Flag	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		*	0.153	52.532	43.100	-13.304	65.836	9.432	QP
2			0.153	33.532	24.100	-22.304	55.836	9.432	AV
3			0.162	50.689	41.257	-14.672	65.361	9.433	QP
4			0.162	31.734	22.302	-23.627	55.361	9.433	AV
5			0.178	48.309	38.873	-16.269	64.578	9.436	QP
6			0.178	29.998	20.562	-24.581	54.578	9.436	AV
7			0.214	41.048	31.564	-22.001	63.049	9.484	QP
8			0.214	24.162	14.678	-28.887	53.049	9.484	AV
9			3.742	27.831	18.170	-28.169	56.000	9.660	QP
10			3.742	21.272	11.612	-24.728	46.000	9.660	AV
11			7.710	32.081	22.251	-27.919	60.000	9.830	QP
12			7.710	25.294	15.464	-24.706	50.000	9.830	AV

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

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

Site: SIP-SR2	Time: 2021/03/15
Limit: FCC_Part15.207_CE_AC Power	Engineer: Rupert Wang
Probe: SIP-SR2-ENV216_101684_With Connect	Polarity: Neutral
EUT: Dual Band ONT	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at Channel 5260MHz	



No	Flag	Mark	Frequency (MHz)	Measure Level (dB μ V)	Reading Level (dB μ V)	Margin (dB)	Limit (dB μ V)	Factor (dB)	Type
1		*	0.154	51.735	42.303	-14.047	65.781	9.432	QP
2			0.154	32.431	23.000	-23.350	55.781	9.432	AV
3			0.166	50.805	41.372	-14.353	65.158	9.433	QP
4			0.166	31.043	21.609	-24.116	55.158	9.433	AV
5			0.214	41.950	32.466	-21.099	63.049	9.484	QP
6			0.214	25.433	15.950	-27.615	53.049	9.484	AV
7			1.562	27.591	18.035	-28.409	56.000	9.556	QP
8			1.562	16.723	7.167	-29.277	46.000	9.556	AV
9			3.398	29.446	19.793	-26.554	56.000	9.653	QP
10			3.398	20.929	11.276	-25.071	46.000	9.653	AV
11			6.750	29.820	20.013	-30.180	60.000	9.807	QP
12			6.750	24.710	14.904	-25.290	50.000	9.807	AV

Note: Measure Level (dB μ V) = Reading Level (dB μ V) + Factor (dB)

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

7. 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 "2101RSU065-UT" file.

Appendix B - EUT Photograph

Refer to "2101RSU065-UE" file.