Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	Test Mode	802.11ac-VHT80 – Channel 42
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8735.0	33.2	13.2	46.4	68.2	-21.8	Peak	Horizontal
*	10248.0	33.2	15.2	48.4	68.2	-19.8	Peak	Horizontal
	10996.0	32.6	17.3	49.9	74.0	-24.1	Peak	Horizontal
	11557.0	31.8	17.4	49.2	74.0	-24.8	Peak	Horizontal
*	8786.0	33.0	13.3	46.3	68.2	-21.9	Peak	Vertical
*	10239.5	33.6	15.1	48.7	68.2	-19.5	Peak	Vertical
	11072.5	31.7	17.2	48.9	74.0	-25.1	Peak	Vertical
	12254.0	30.8	18.0	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	Test Mode	802.11ac-VHT80 – Channel 58
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8794.5	31.8	13.4	45.2	68.2	-23.0	Peak	Horizontal
*	10324.5	33.5	15.6	49.1	68.2	-19.1	Peak	Horizontal
	10775.0	32.4	17.1	49.5	74.0	-24.5	Peak	Horizontal
	12186.0	31.2	17.3	48.5	74.0	-25.5	Peak	Horizontal
*	8760.5	32.1	13.2	45.3	68.2	-22.9	Peak	Vertical
*	9984.5	32.8	14.6	47.4	68.2	-20.8	Peak	Vertical
	10809.0	31.4	17.3	48.7	74.0	-25.3	Peak	Vertical
	12551.5	31.3	17.2	48.5	74.0	-25.5	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	Test Mode	802.11ac-VHT80 – Channel 106
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8692.5	32.4	13.0	45.4	68.2	-22.8	Peak	Horizontal
*	10256.5	33.2	15.1	48.3	68.2	-19.9	Peak	Horizontal
	10826.0	32.1	17.6	49.7	74.0	-24.3	Peak	Horizontal
	12254.0	30.4	18.0	48.4	74.0	-25.6	Peak	Horizontal
*	8718.0	32.5	13.1	45.6	68.2	-22.6	Peak	Vertical
*	10290.5	33.1	15.2	48.3	68.2	-19.9	Peak	Vertical
	10894.0	31.6	17.1	48.7	74.0	-25.3	Peak	Vertical
	11642.0	31.1	17.7	48.8	74.0	-25.2	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	Test Mode	802.11ac-VHT80 – Channel 122
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8675.5	32.5	12.8	45.3	68.2	-22.9	Peak	Horizontal
*	9933.5	33.3	14.5	47.8	68.2	-20.4	Peak	Horizontal
	11378.5	31.8	17.7	49.5	74.0	-24.5	Peak	Horizontal
	12407.0	32.0	17.1	49.1	74.0	-24.9	Peak	Horizontal
*	8777.5	32.2	13.3	45.5	68.2	-22.7	Peak	Vertical
*	9933.5	32.9	14.5	47.4	68.2	-20.8	Peak	Vertical
	10877.0	32.3	16.9	49.2	74.0	-24.8	Peak	Vertical
	11591.0	31.2	17.7	48.9	74.0	-25.1	Peak	Vertical

Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

Test Site	WZ-AC2	Test Engineer	Dick Shen
Test Date	2022-11-27 ~ 2022-12-09	Test Mode	802.11ac-VHT80 – Channel 155
Remark	1. Average measurement was not performed if peak level lower than average limit. 2. Other frequency was 20dB below limit line within 1-18GHz, there is not show in the report.		

Mark	Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Measure Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Polarization
*	8021.0	34.4	12.0	46.4	68.2	-21.8	Peak	Horizontal
*	8709.5	32.7	12.9	45.6	68.2	-22.6	Peak	Horizontal
	10868.5	32.5	17.0	49.5	74.0	-24.5	Peak	Horizontal
	12203.0	31.2	17.6	48.8	74.0	-25.2	Peak	Horizontal
*	8735.0	32.1	13.2	45.3	68.2	-22.9	Peak	Vertical
*	10239.5	34.0	15.1	49.1	68.2	-19.1	Peak	Vertical
	10843.0	31.6	17.3	48.9	74.0	-25.1	Peak	Vertical
	11880.0	31.2	17.1	48.3	74.0	-25.7	Peak	Vertical

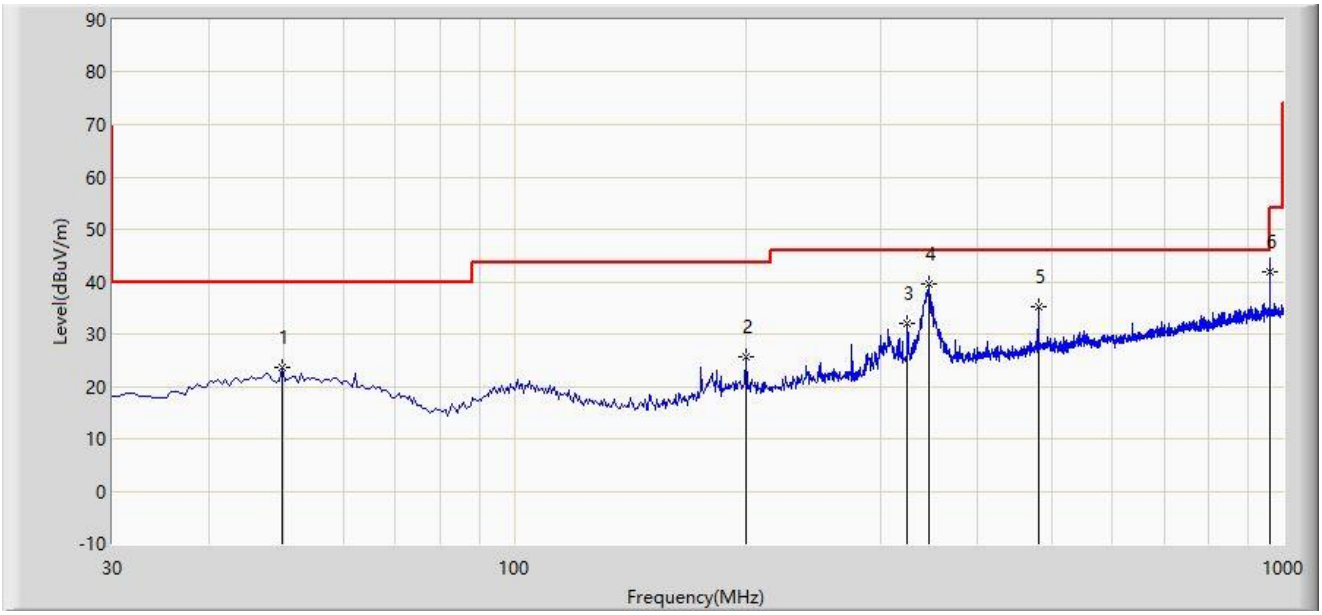
Note 1: “*” is not in restricted band, its limit is -27dBm/MHz. At a distance of 3 meters, the field strength limit in dBμV/m can be determined by adding a “conversion” factor of 95.2dB to the EIRP limit of -27dBm/MHz to obtain the limit for out of band spurious emissions.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m)

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

The Result of Radiated Emission below 1GHz:

Site: WZ-AC2	Test Date: 2022-12-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Lucas Wang
Probe: VULB9162_30-7000MHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		49.885	23.737	3.327	-16.263	40.000	20.410	PK
2		199.750	25.654	6.851	-17.846	43.500	18.803	PK
3		324.880	32.104	10.644	-13.896	46.000	21.460	PK
4		346.220	39.595	17.021	-6.405	46.000	22.574	PK
5		480.080	35.243	10.462	-10.757	46.000	24.781	PK
6	*	960.000	41.749	10.186	-4.251	46.000	31.563	PK

Note 1: " * ", means this data is the worst emission level.

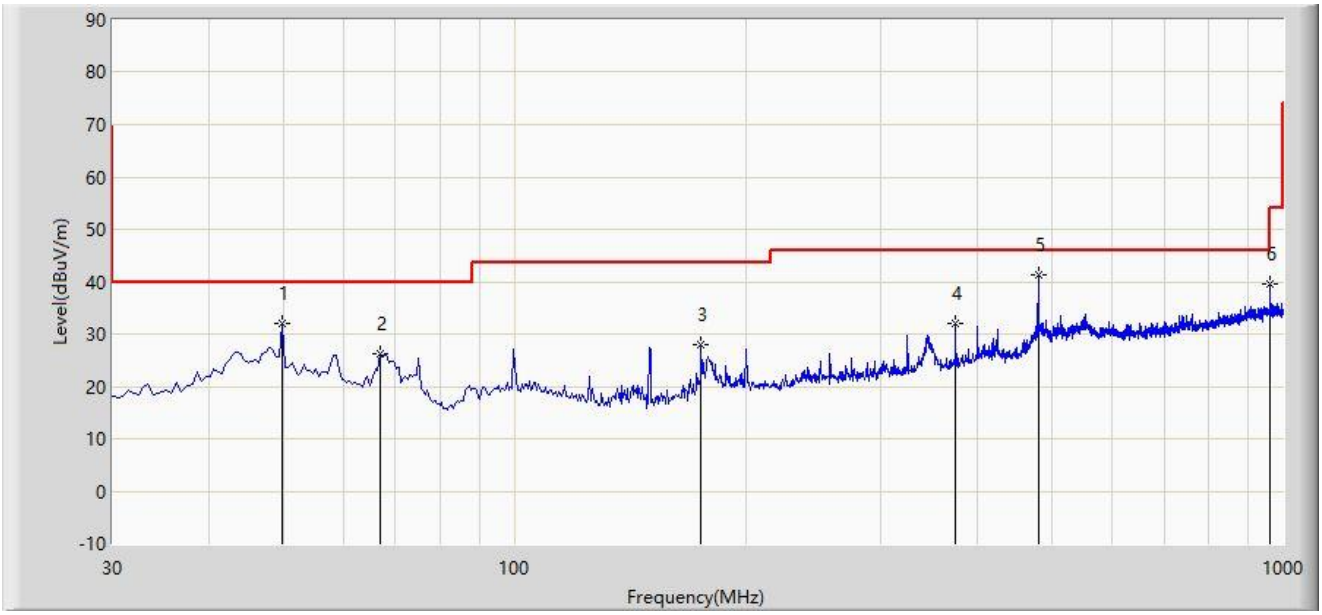
Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

Site: WZ-AC2	Test Date: 2022-12-10
Limit: FCC_Part15.209_RSE(3m)	Engineer: Lucas Wang
Probe: VULB9162_30-7000MHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		49.885	32.116	11.706	-7.884	40.000	20.410	PK
2		66.860	26.253	8.417	-13.747	40.000	17.836	PK
3		175.015	27.892	11.691	-15.608	43.500	16.201	PK
4		374.835	31.952	9.282	-14.048	46.000	22.670	PK
5	*	480.080	41.406	16.625	-4.594	46.000	24.781	PK
6		959.745	39.594	8.033	-6.406	46.000	31.560	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

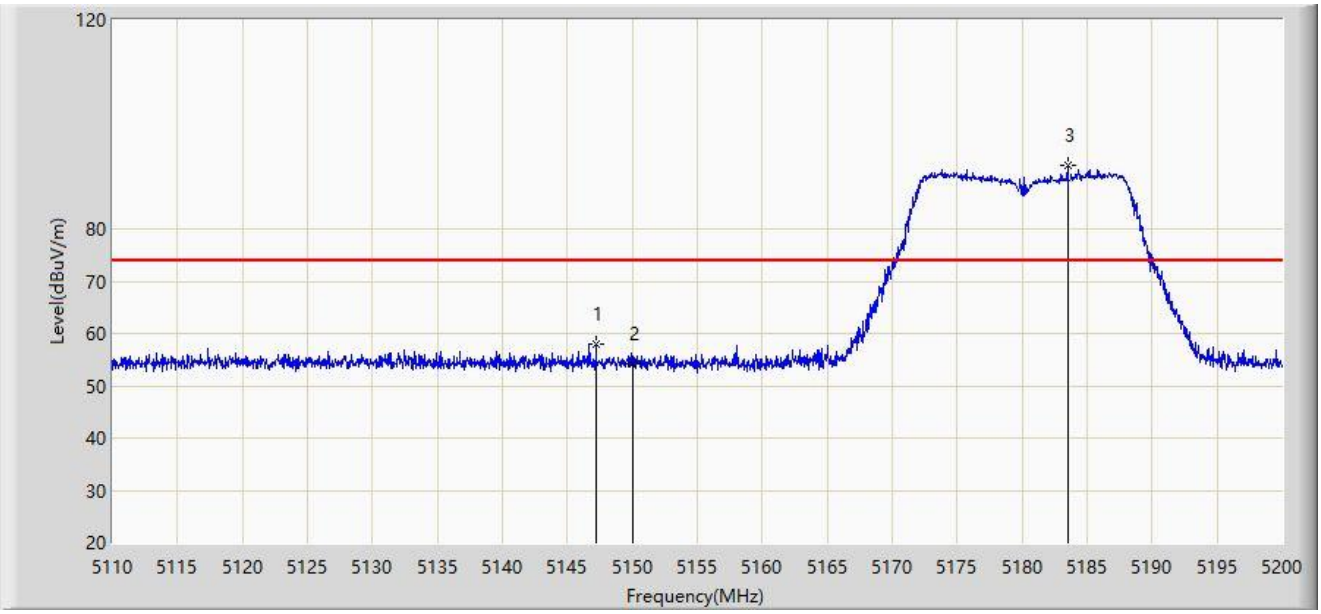
Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m).

Note 4: Quasi-Peak measurement was not performed when peak measure level was lower than the quasi-peak limit.

Note 5: The amplitude of radiated emissions (frequency range from 9kHz to 30MHz and 18GHz to 40GHz) is that proximity to ambient noise, which also are attenuated more than 20 dB below the permissible value. Therefore, the data is not presented in the report.

A.8 Radiated Restricted Band Edge Test Result

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5180MHz	



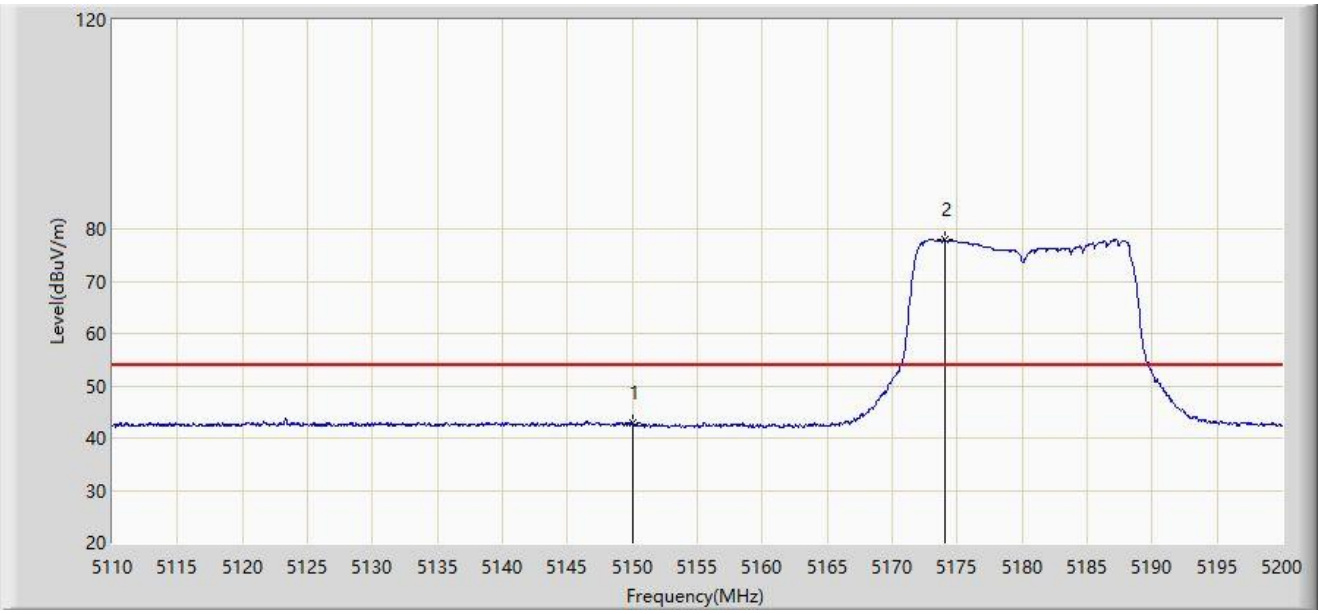
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.215	57.925	53.805	-16.075	74.000	4.120	PK
2		5150.000	54.233	50.164	-19.767	74.000	4.069	PK
3		5183.485	92.170	88.391	N/A	N/A	3.779	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5180MHz	



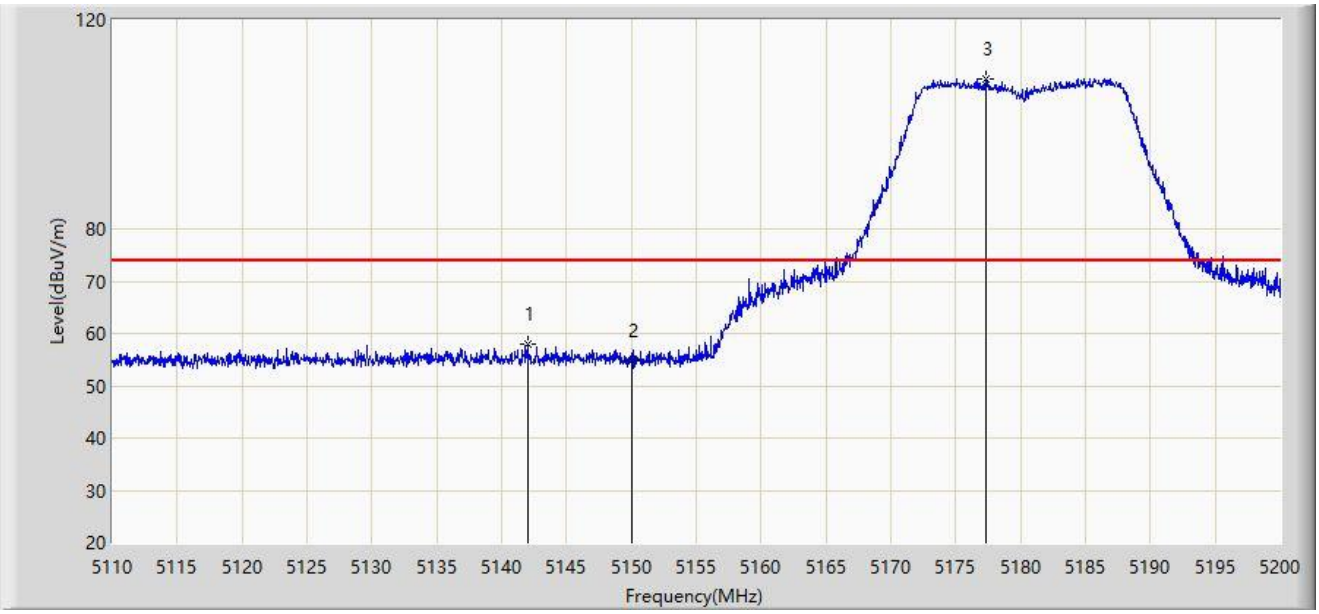
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	42.772	38.703	-11.228	54.000	4.069	AV
2		5174.035	77.983	74.203	N/A	N/A	3.780	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5180MHz	



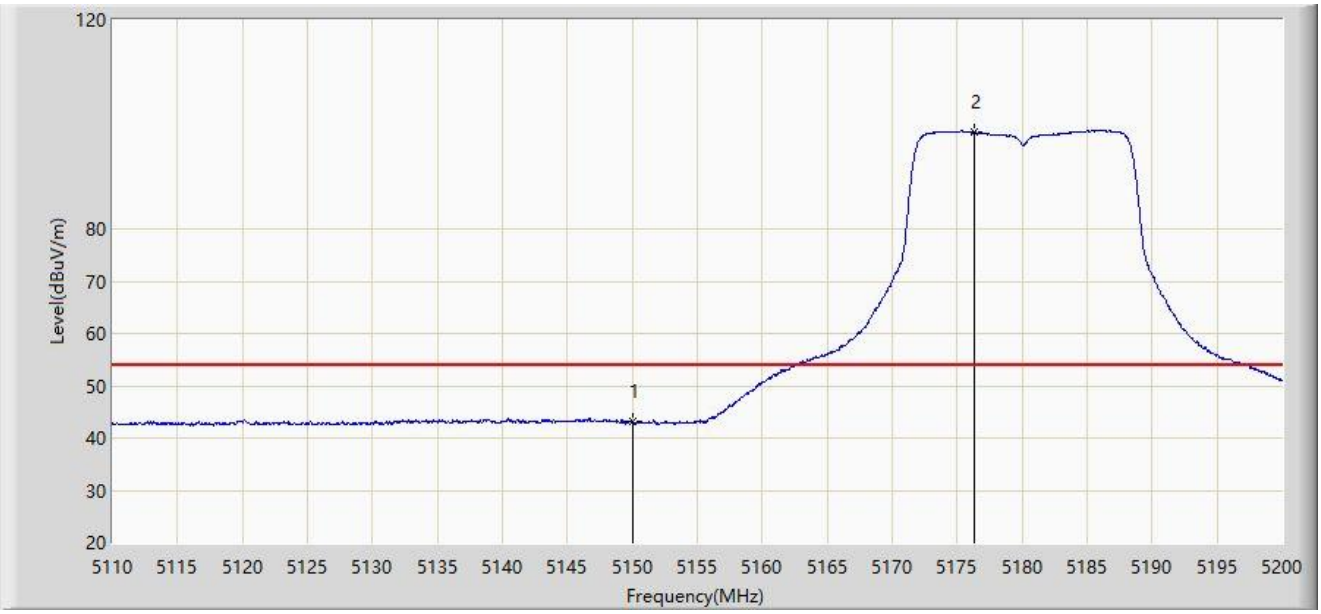
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5141.995	57.976	53.850	-16.024	74.000	4.126	PK
2		5150.000	54.665	50.596	-19.335	74.000	4.069	PK
3		5177.275	108.701	104.923	N/A	N/A	3.778	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5180MHz	



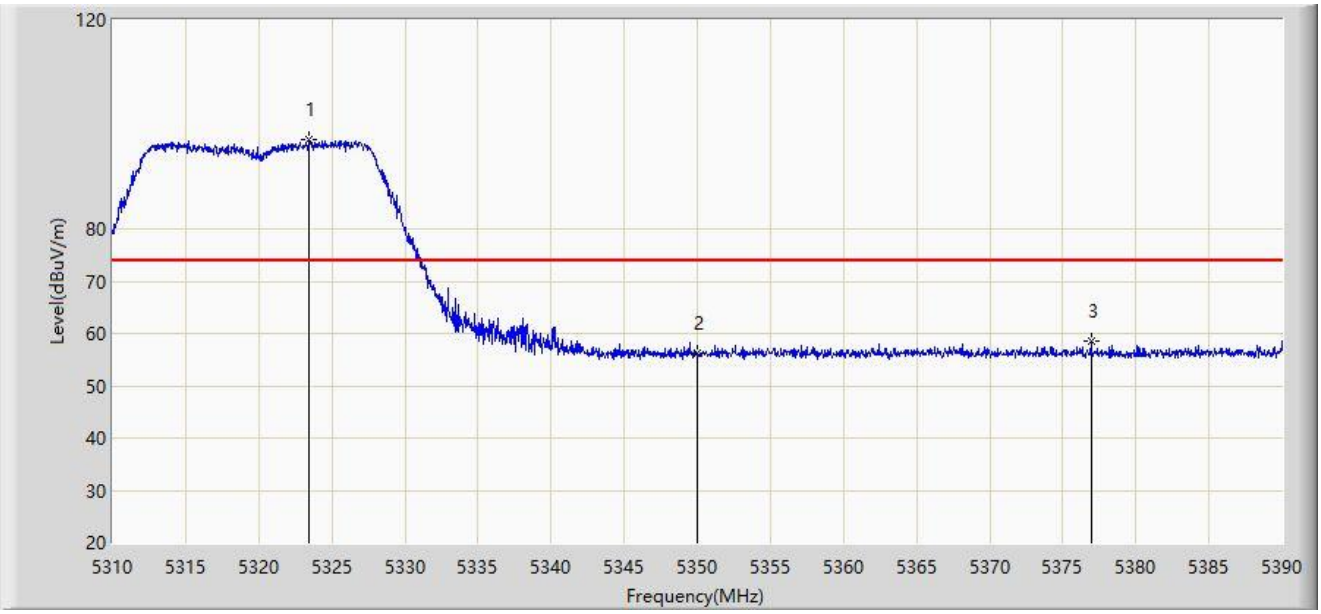
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	43.271	39.202	-10.729	54.000	4.069	AV
2		5176.285	98.480	94.701	N/A	N/A	3.778	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-28
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5320MHz	



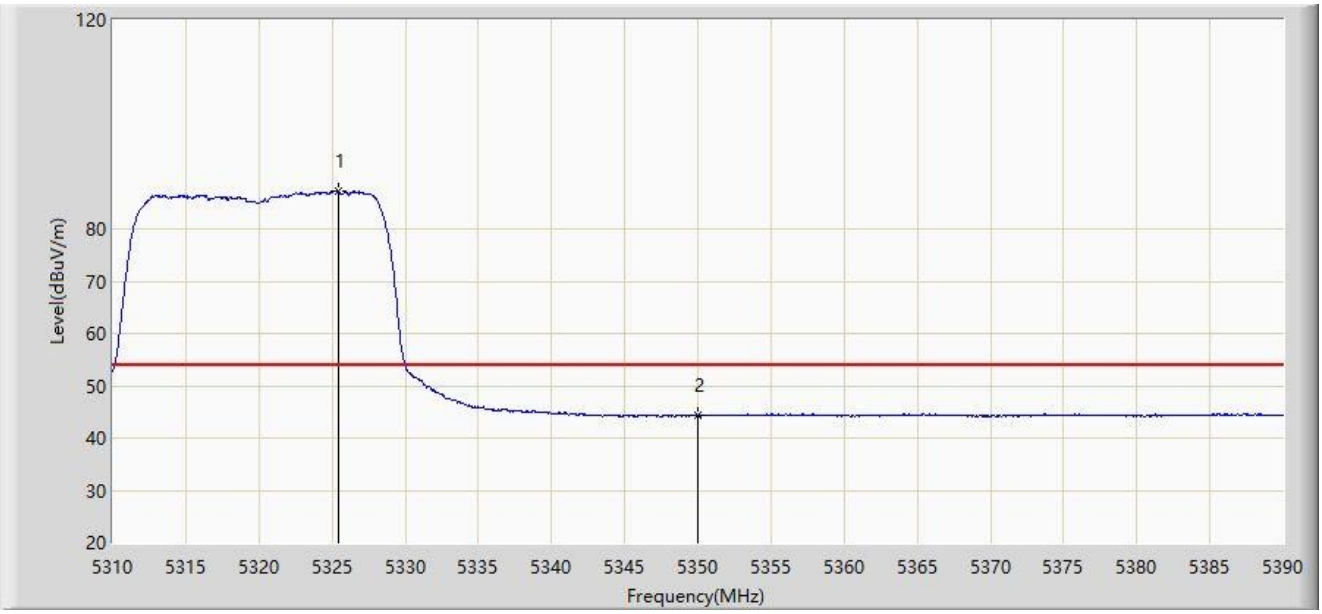
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5323.440	96.988	93.427	N/A	N/A	3.561	PK
2		5350.000	56.123	52.276	-17.877	74.000	3.847	PK
3	*	5376.920	58.416	54.439	-15.584	74.000	3.978	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-28
Limit: FCC_5G_RE(3m)	Engineer: Lucas Wang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5320MHz	



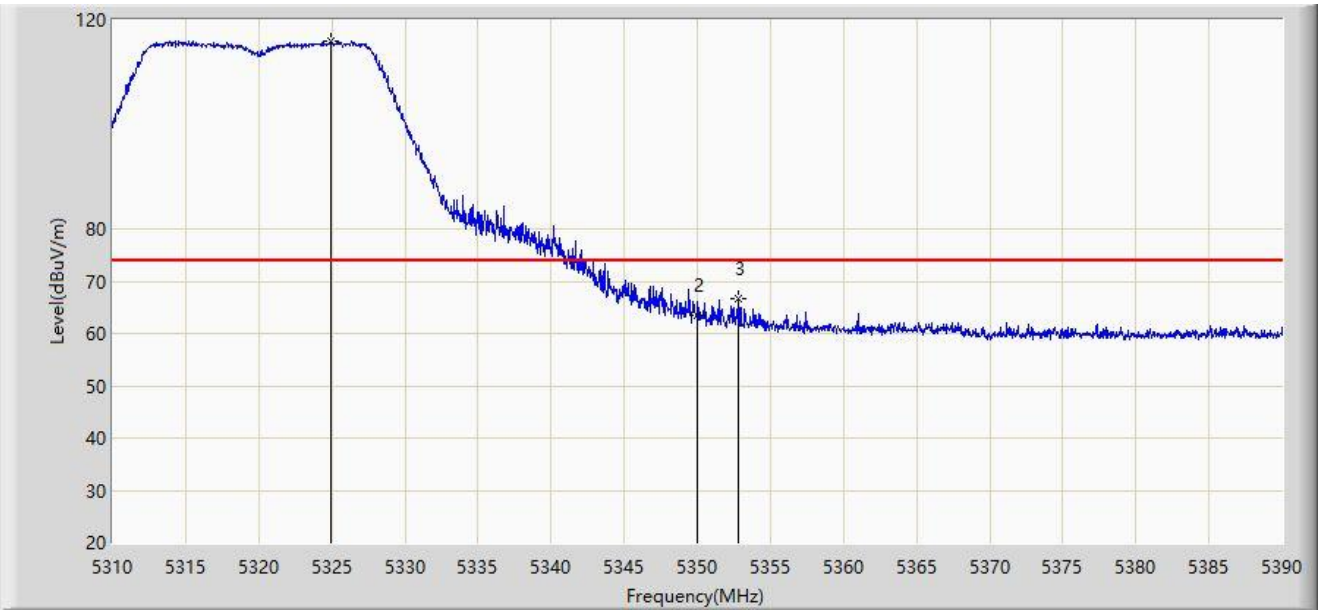
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5325.400	87.274	83.685	N/A	N/A	3.589	AV
2	*	5350.000	44.215	40.368	-9.785	54.000	3.847	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-28
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5320MHz	



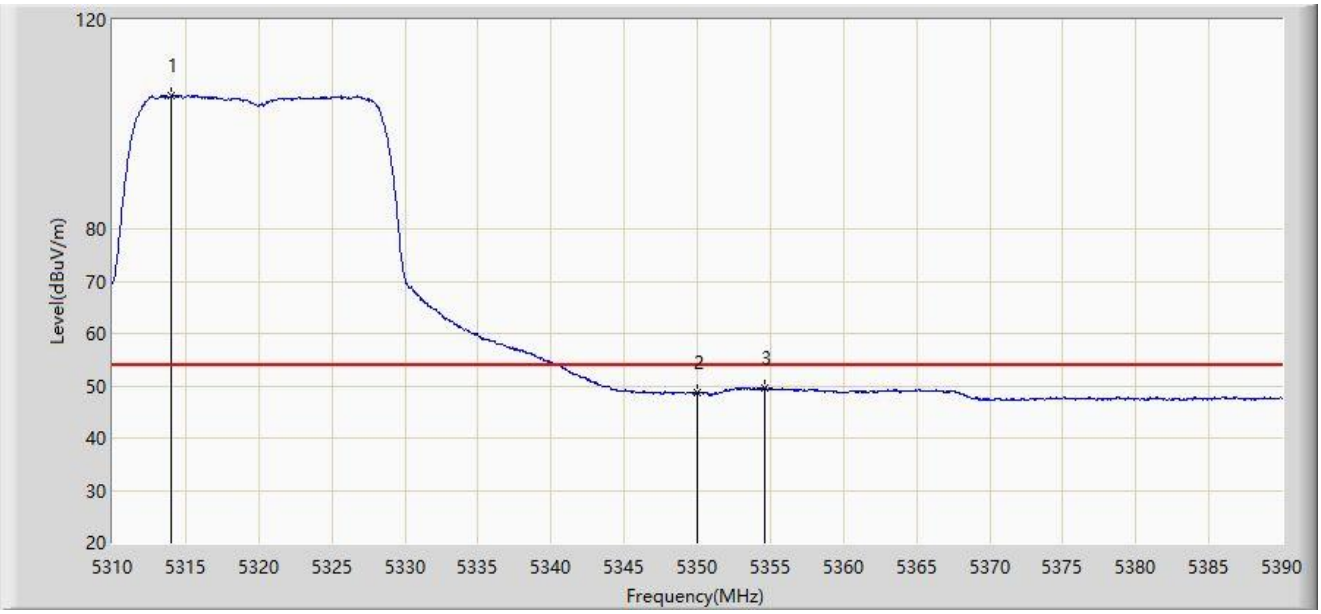
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5324.960	116.070	112.487	N/A	N/A	3.583	PK
2		5350.000	63.549	59.702	-10.451	74.000	3.847	PK
3	*	5352.840	66.673	62.787	-7.327	74.000	3.886	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5320MHz	



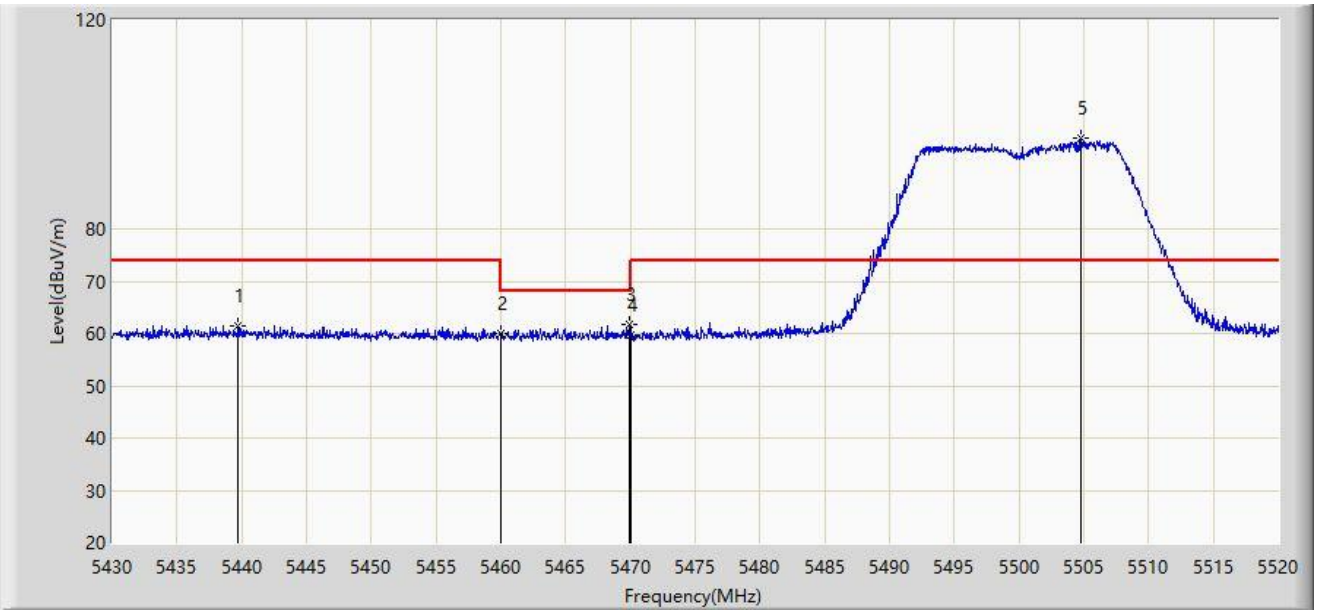
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5314.000	105.646	102.142	N/A	N/A	3.503	AV
2		5350.000	48.618	44.771	-5.382	54.000	3.847	AV
3	*	5354.640	49.571	45.678	-4.429	54.000	3.893	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5500MHz	



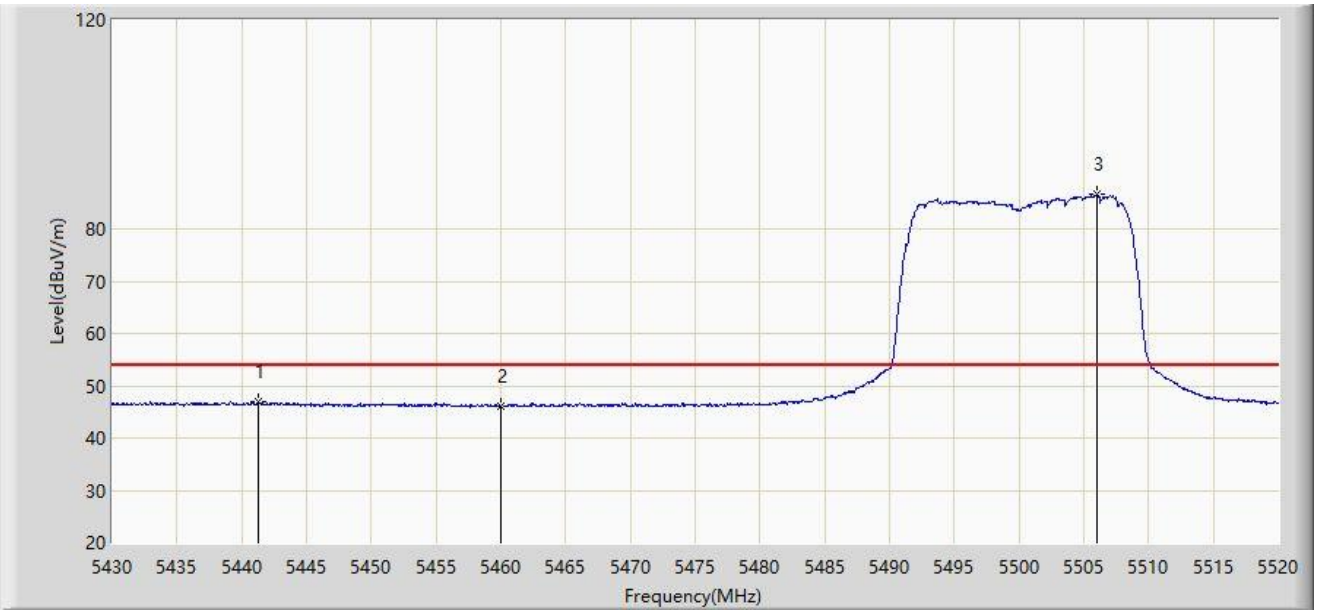
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5439.720	61.518	57.302	-12.482	74.000	4.216	PK
2		5460.000	60.093	56.265	-13.907	74.000	3.828	PK
3	*	5469.960	61.651	57.866	-6.549	68.200	3.784	PK
4		5470.000	59.731	55.947	-8.469	68.200	3.785	PK
5		5504.745	97.458	93.329	N/A	N/A	4.129	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5500MHz	



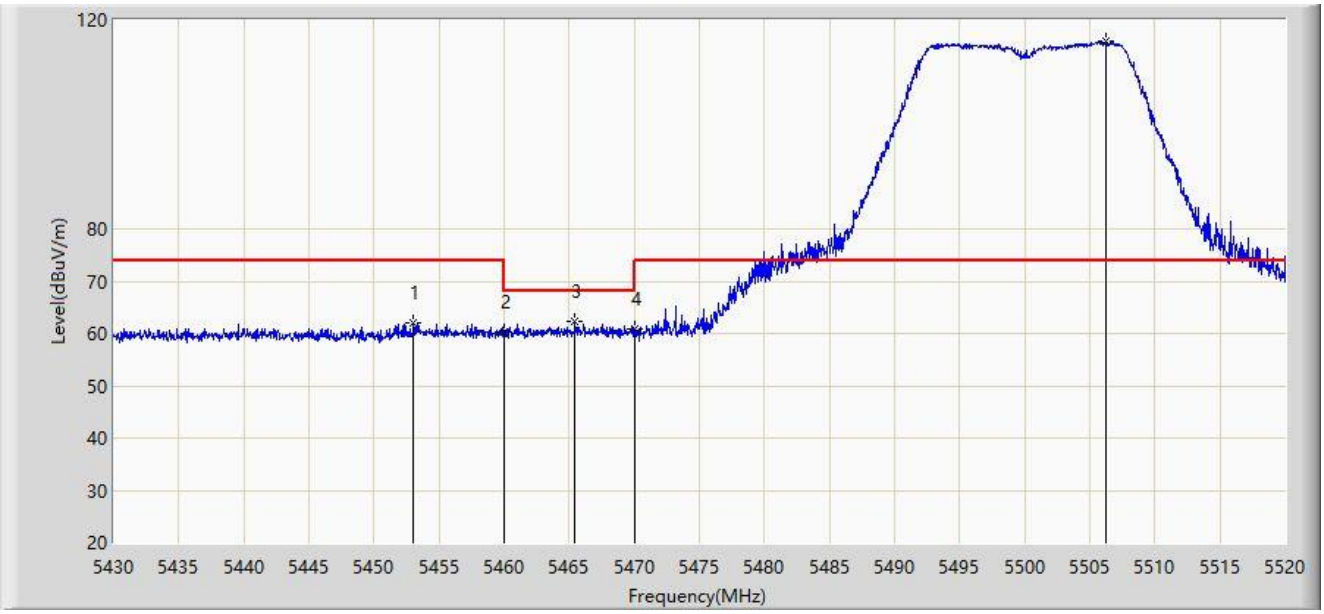
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5441.250	46.916	42.737	-7.084	54.000	4.180	AV
2		5460.000	46.209	42.381	-7.791	54.000	3.828	AV
3		5506.050	86.585	82.461	N/A	N/A	4.124	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5500MHz	



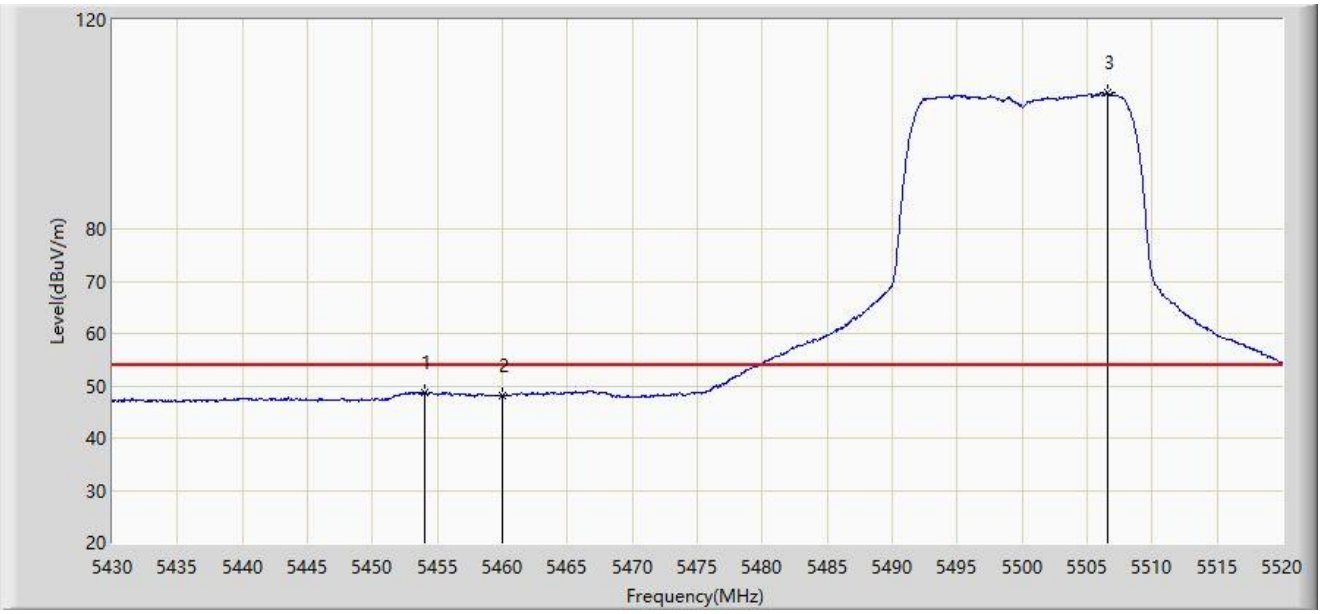
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5453.040	61.919	58.026	-12.081	74.000	3.893	PK
2		5460.000	60.360	56.532	-13.640	74.000	3.828	PK
3	*	5465.460	62.300	58.496	-5.900	68.200	3.805	PK
4		5470.000	60.729	56.945	-7.471	68.200	3.785	PK
5		5506.185	115.829	111.706	N/A	N/A	4.122	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5500MHz	



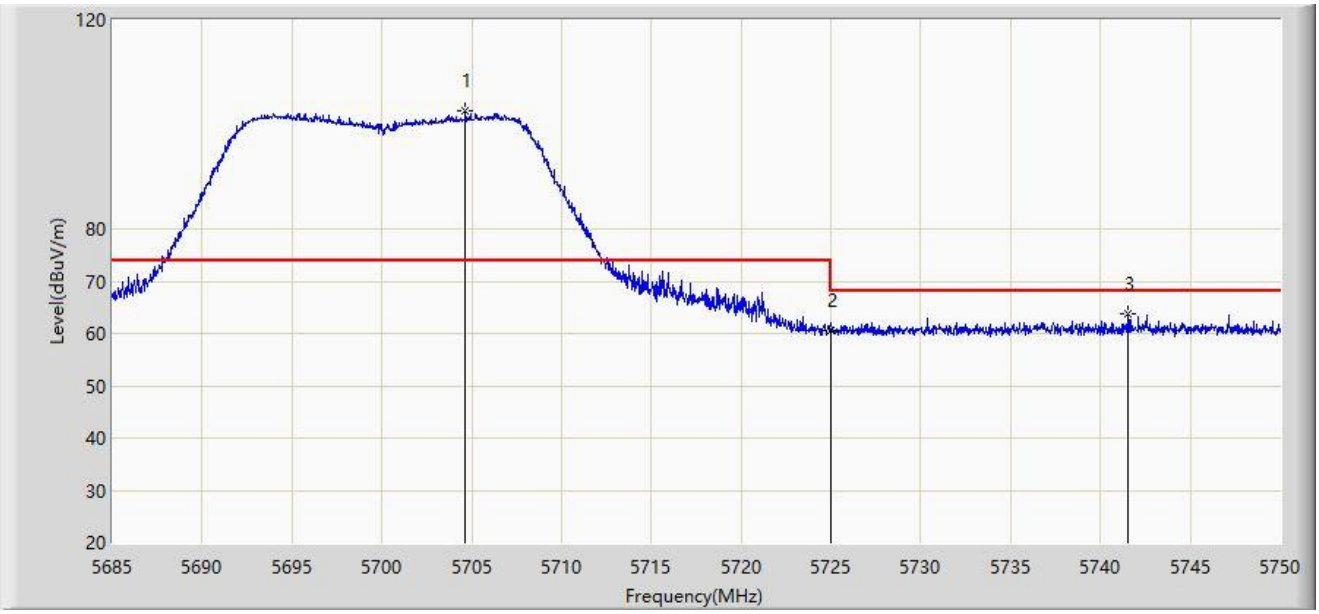
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5453.985	48.774	44.904	-5.226	54.000	3.870	AV
2		5460.000	48.162	44.334	-5.838	54.000	3.828	AV
3		5506.545	106.006	101.886	N/A	N/A	4.121	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5700MHz	



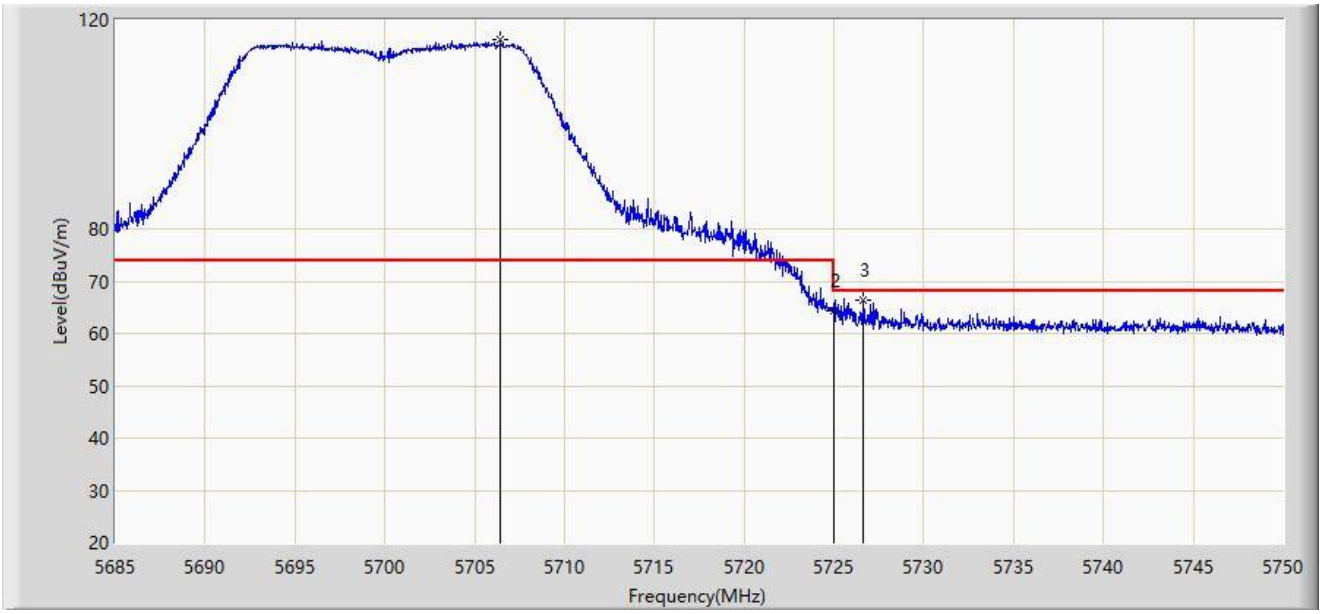
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5704.663	102.566	97.396	N/A	N/A	5.169	PK
2		5725.000	60.642	55.166	-7.558	68.200	5.476	PK
3	*	5741.550	63.670	58.080	-4.530	68.200	5.589	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5700MHz	



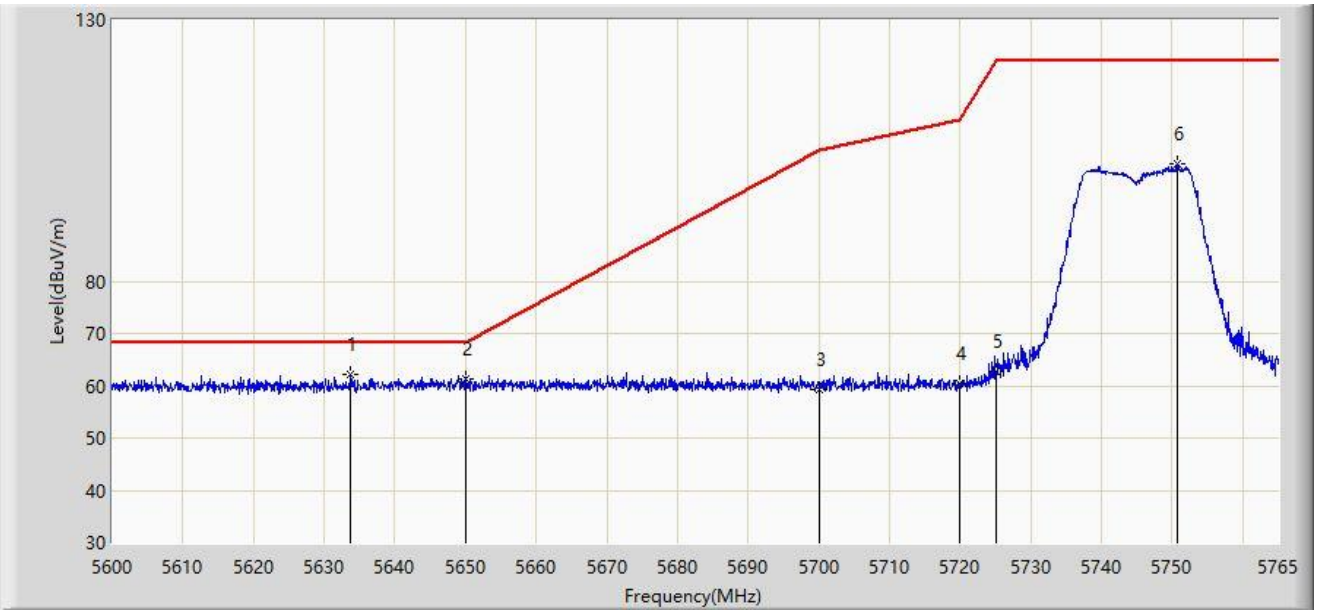
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5706.417	116.217	111.032	N/A	N/A	5.185	PK
2		5725.000	64.309	58.833	-3.891	68.200	5.476	PK
3	*	5726.632	66.438	60.943	-1.762	68.200	5.495	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5745MHz	



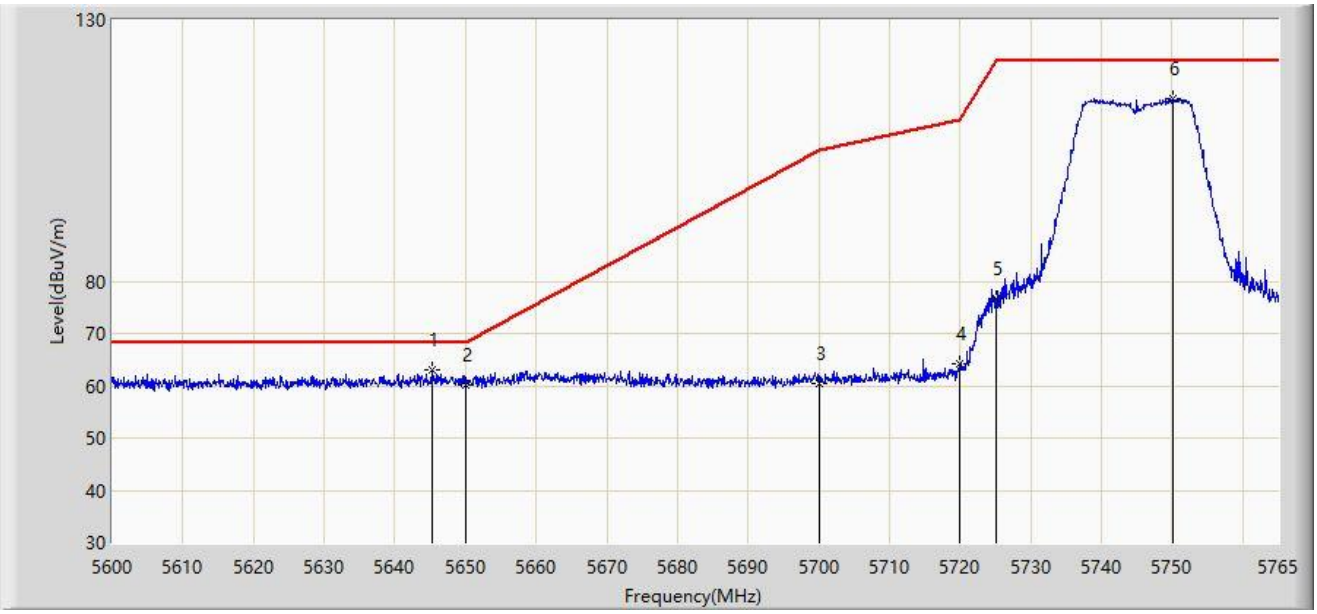
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5633.743	62.116	57.246	-6.084	68.200	4.870	PK
2		5650.000	61.404	56.272	-6.796	68.200	5.132	PK
3		5700.000	59.324	54.196	-45.876	105.200	5.129	PK
4		5720.000	60.396	55.004	-50.404	110.800	5.392	PK
5		5725.000	62.865	57.389	-59.335	122.200	5.476	PK
6		5750.645	102.477	96.975	N/A	N/A	5.502	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5745MHz	



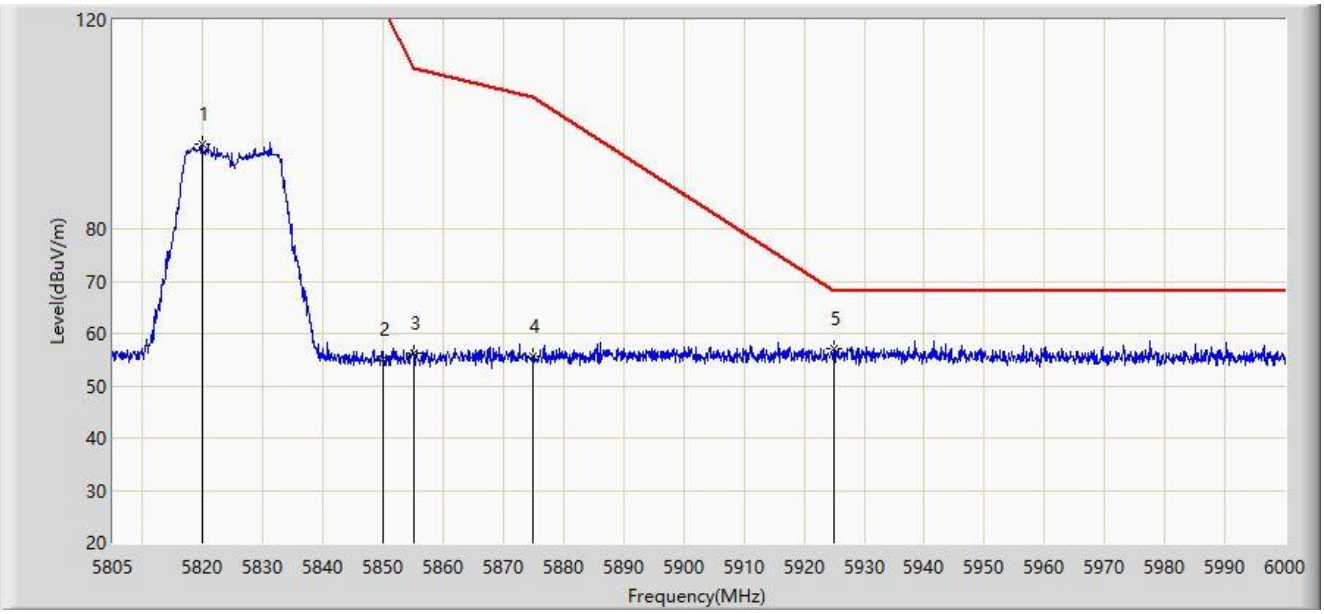
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5645.210	63.004	57.926	-5.196	68.200	5.078	PK
2		5650.000	60.120	54.988	-8.080	68.200	5.132	PK
3		5700.000	60.552	55.424	-44.648	105.200	5.129	PK
4		5720.000	64.140	58.748	-46.660	110.800	5.392	PK
5		5725.000	76.535	71.059	-45.665	122.200	5.476	PK
6		5750.150	114.900	109.391	N/A	N/A	5.510	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5825MHz	



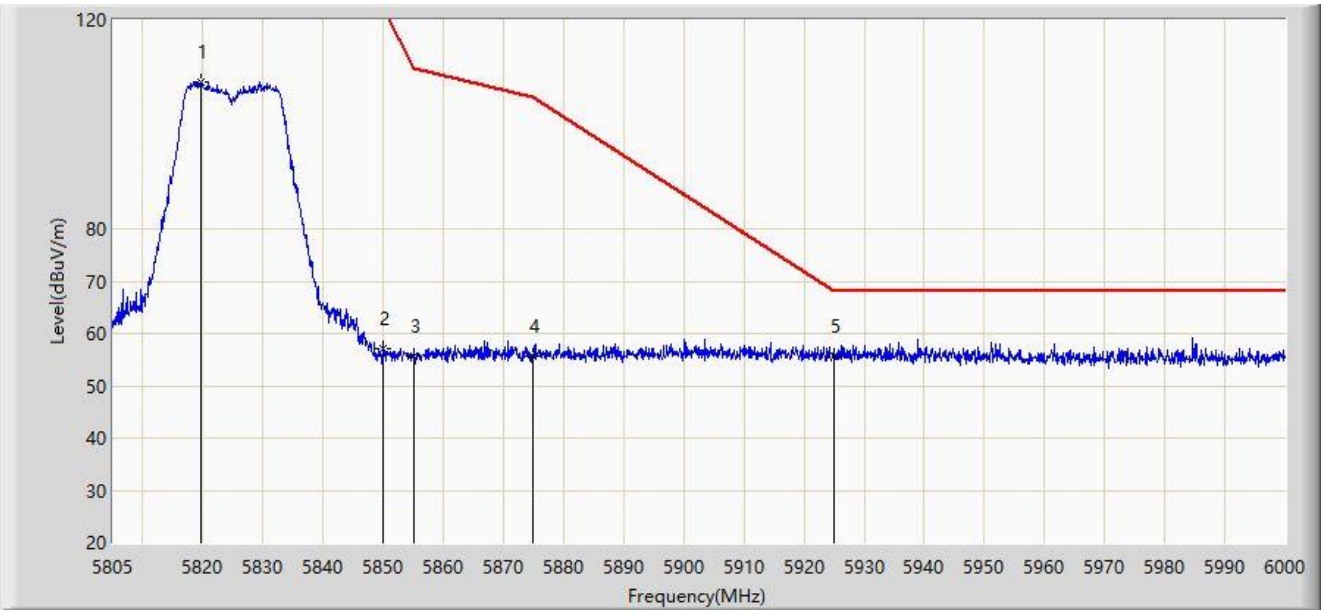
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5819.820	96.282	90.653	N/A	N/A	5.629	PK
2		5850.000	55.110	49.400	-67.090	122.200	5.710	PK
3		5855.000	56.264	50.474	-54.536	110.800	5.790	PK
4		5875.000	55.550	49.637	-49.650	105.200	5.913	PK
5	*	5925.000	56.982	50.965	-11.218	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11a at Channel 5825MHz	



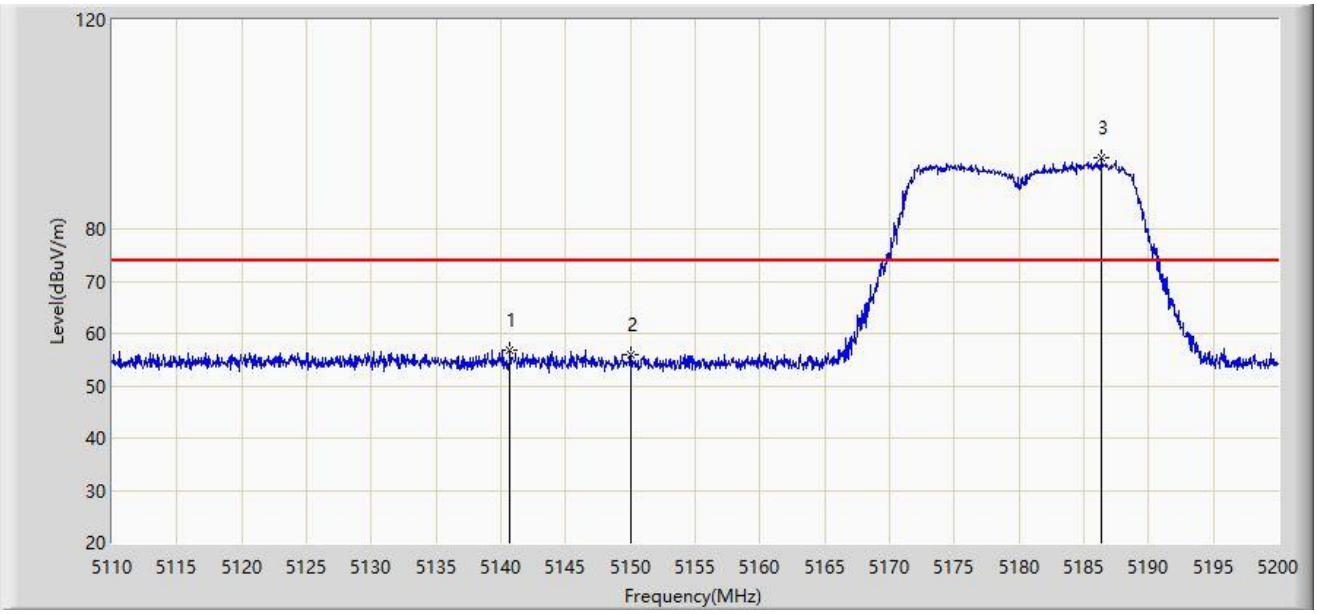
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5819.625	108.082	102.451	N/A	N/A	5.631	PK
2		5850.000	57.233	51.523	-64.967	122.200	5.710	PK
3		5855.000	55.742	49.952	-55.058	110.800	5.790	PK
4		5875.000	55.649	49.736	-49.551	105.200	5.913	PK
5	*	5925.000	55.752	49.735	-12.448	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	



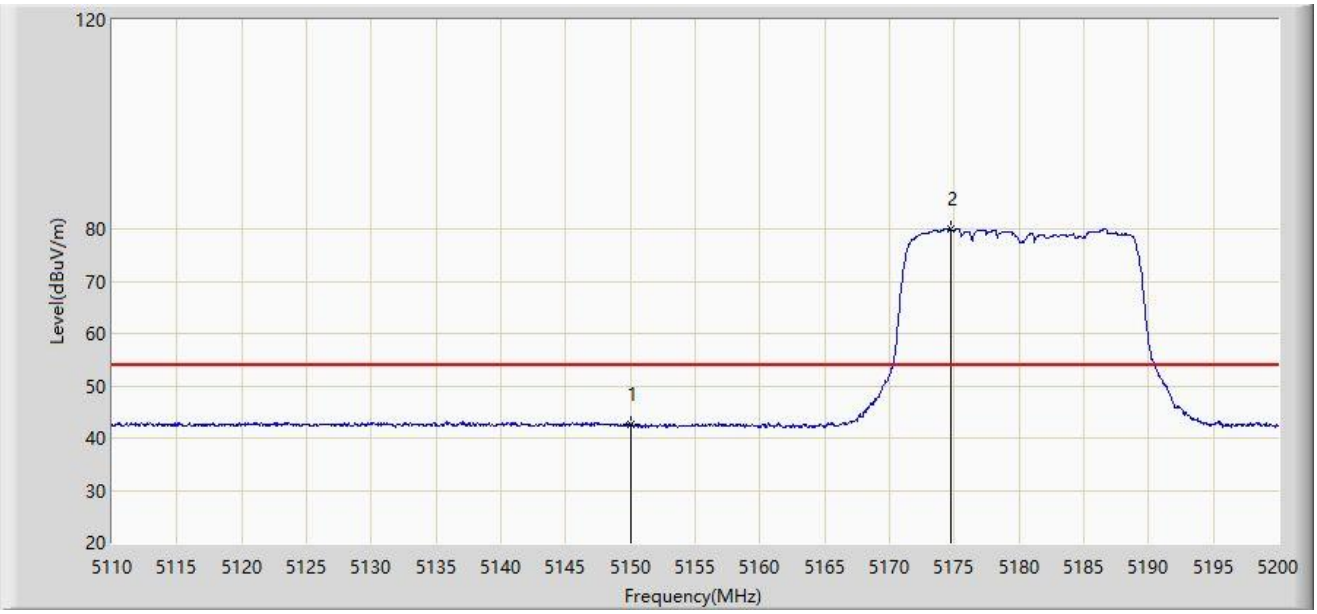
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5140.690	56.895	52.767	-17.105	74.000	4.128	PK
2		5150.000	55.823	51.754	-18.177	74.000	4.069	PK
3		5186.365	93.684	89.900	N/A	N/A	3.783	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	



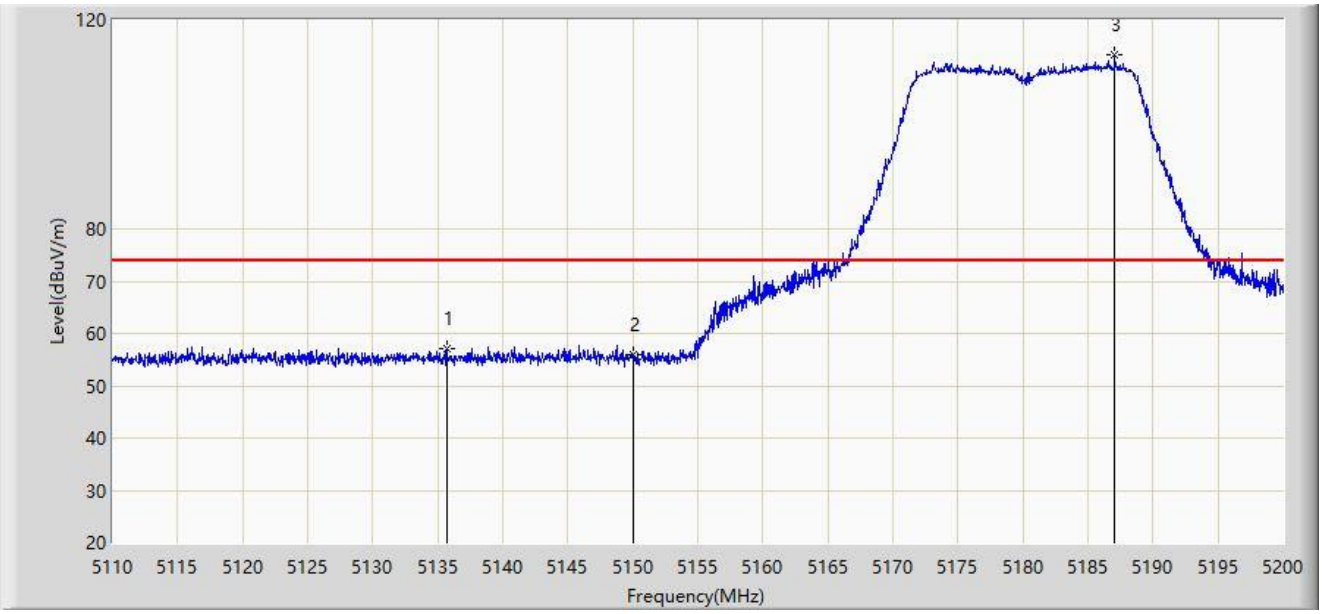
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	42.662	38.593	-11.338	54.000	4.069	AV
2		5174.755	79.896	76.117	N/A	N/A	3.779	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	



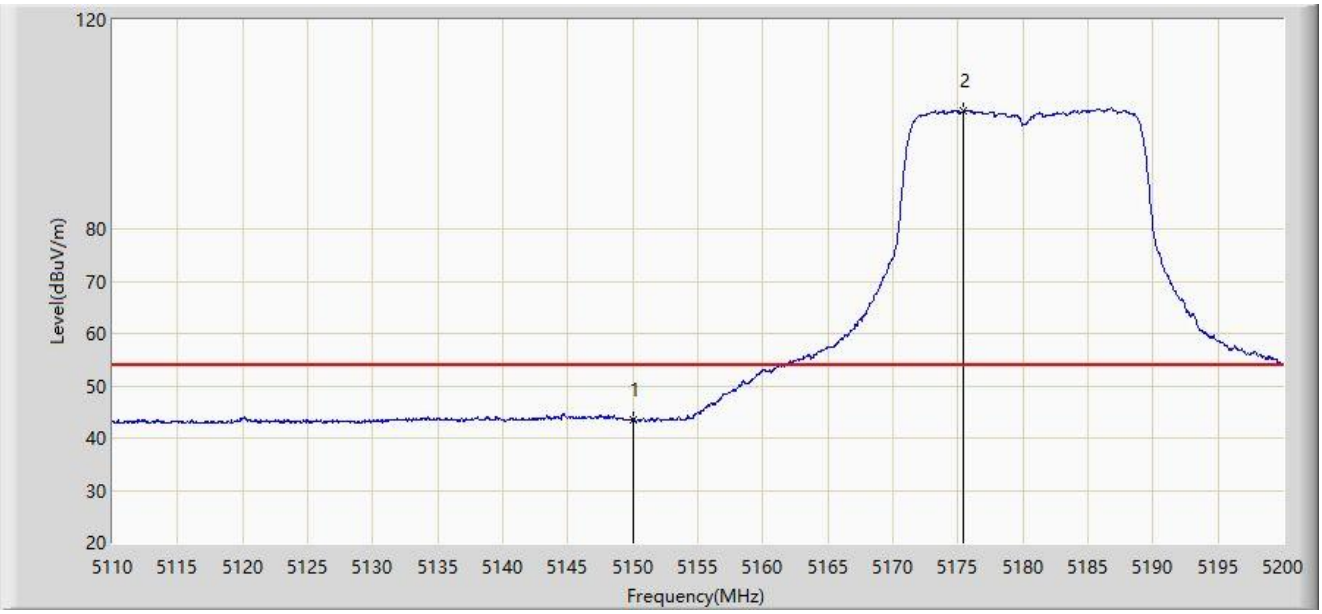
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5135.695	57.227	53.093	-16.773	74.000	4.134	PK
2		5150.000	55.891	51.822	-18.109	74.000	4.069	PK
3		5187.085	113.306	109.521	N/A	N/A	3.785	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5180MHz	



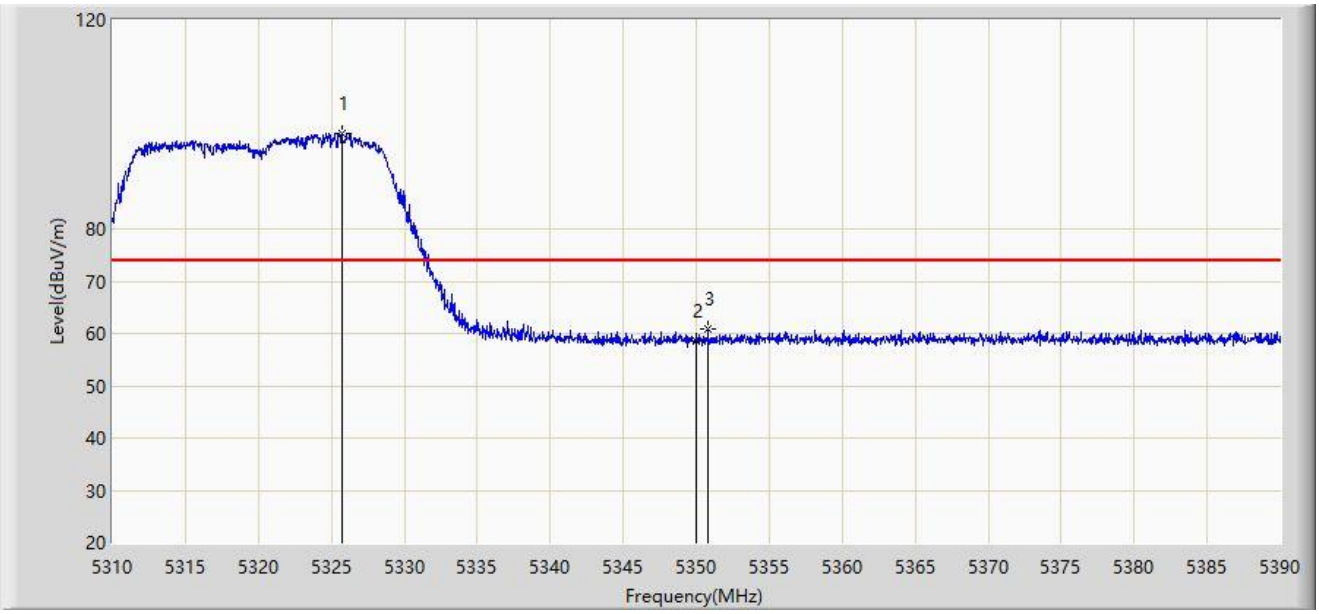
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	43.515	39.446	-10.485	54.000	4.069	AV
2		5175.430	102.486	98.707	N/A	N/A	3.779	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	



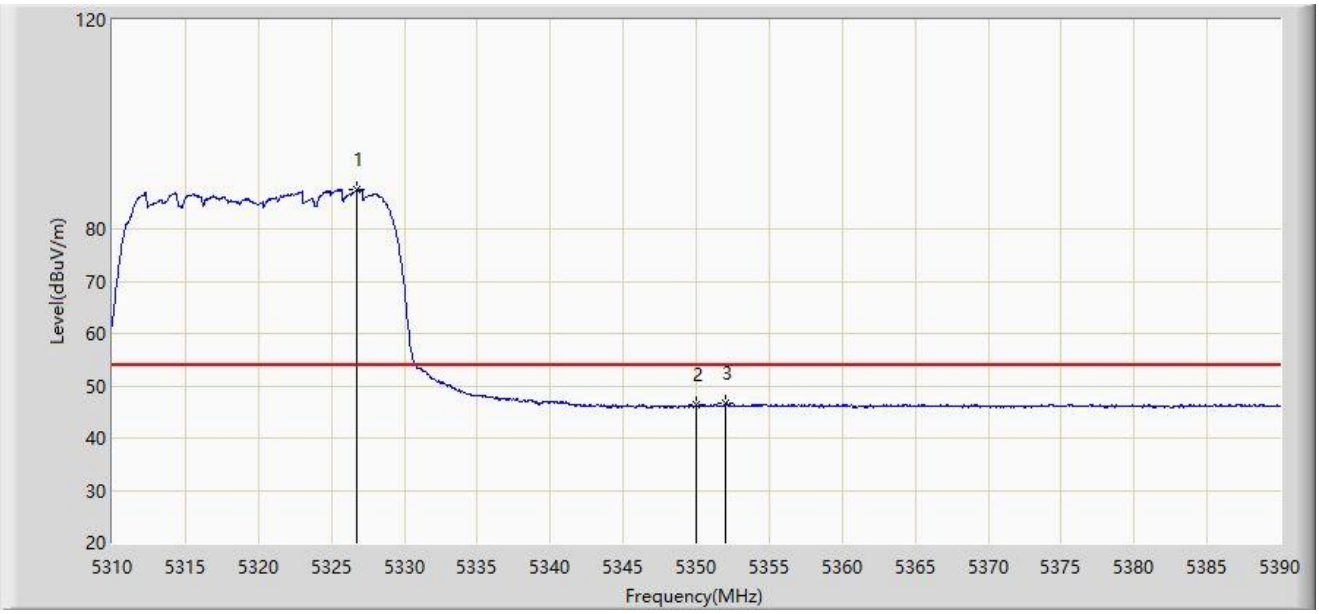
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.720	98.253	94.659	N/A	N/A	3.594	PK
2		5350.000	58.490	54.643	-15.510	74.000	3.847	PK
3	*	5350.800	60.881	57.020	-13.119	74.000	3.862	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	



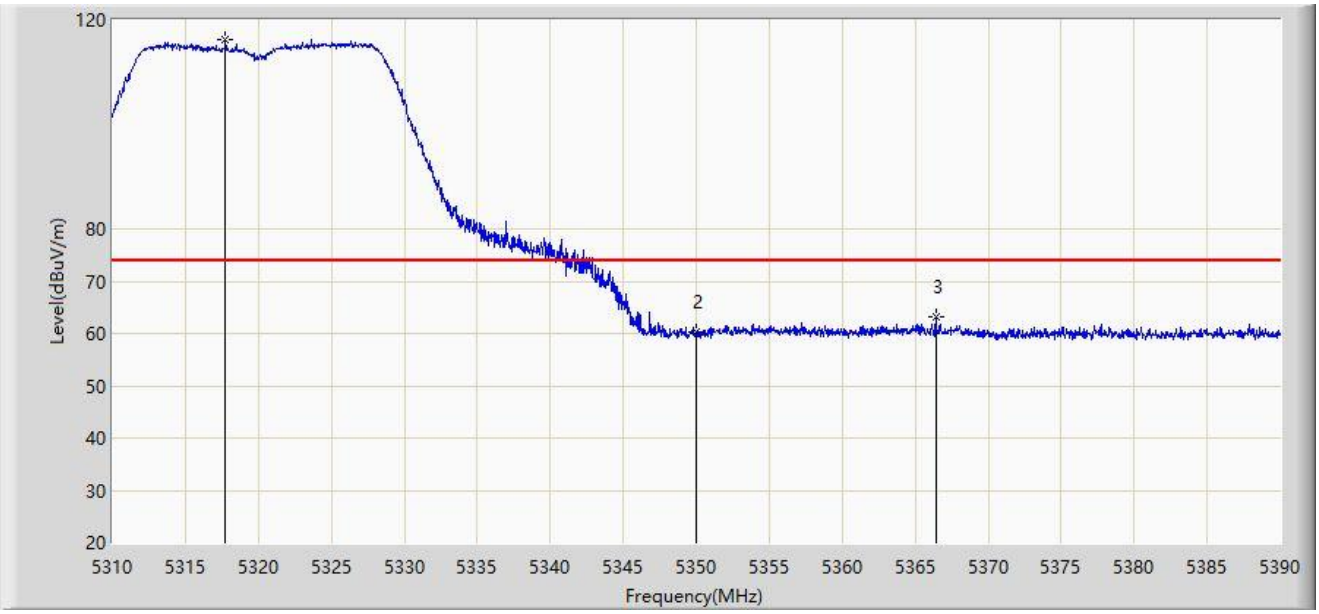
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5326.760	87.566	83.957	N/A	N/A	3.608	AV
2		5350.000	46.457	42.610	-7.543	54.000	3.847	AV
3	*	5352.040	46.568	42.686	-7.432	54.000	3.883	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	



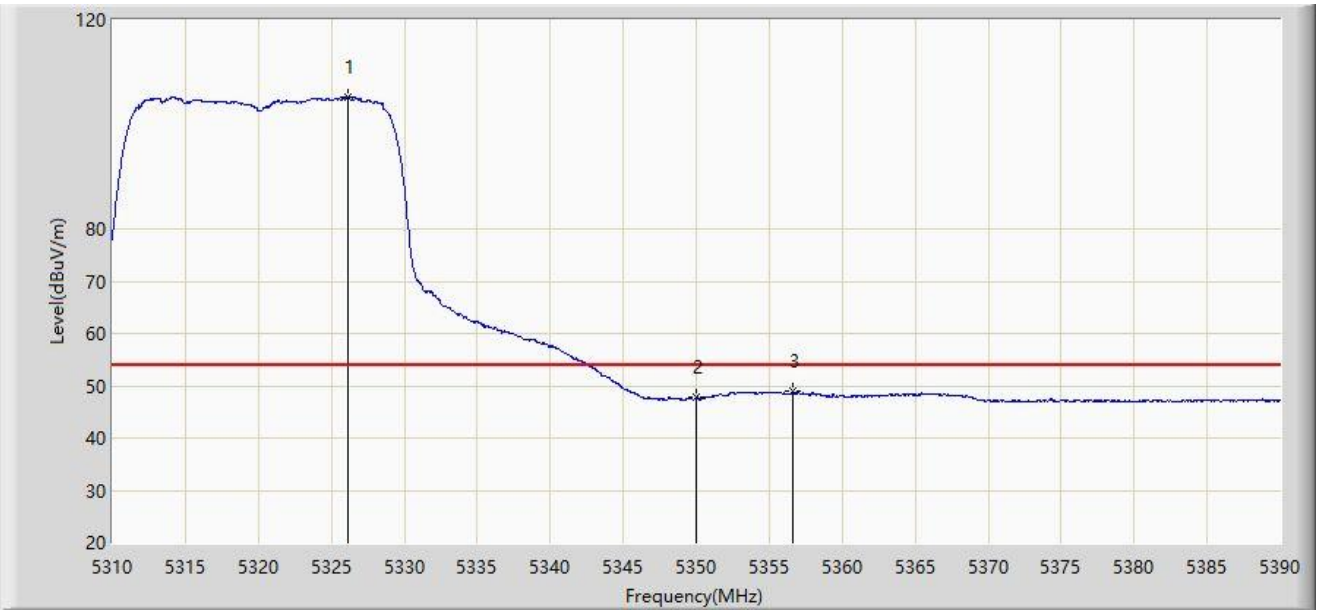
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5317.720	116.171	112.687	N/A	N/A	3.485	PK
2		5350.000	60.185	56.338	-13.815	74.000	3.847	PK
3	*	5366.400	63.082	59.143	-10.918	74.000	3.939	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5320MHz	



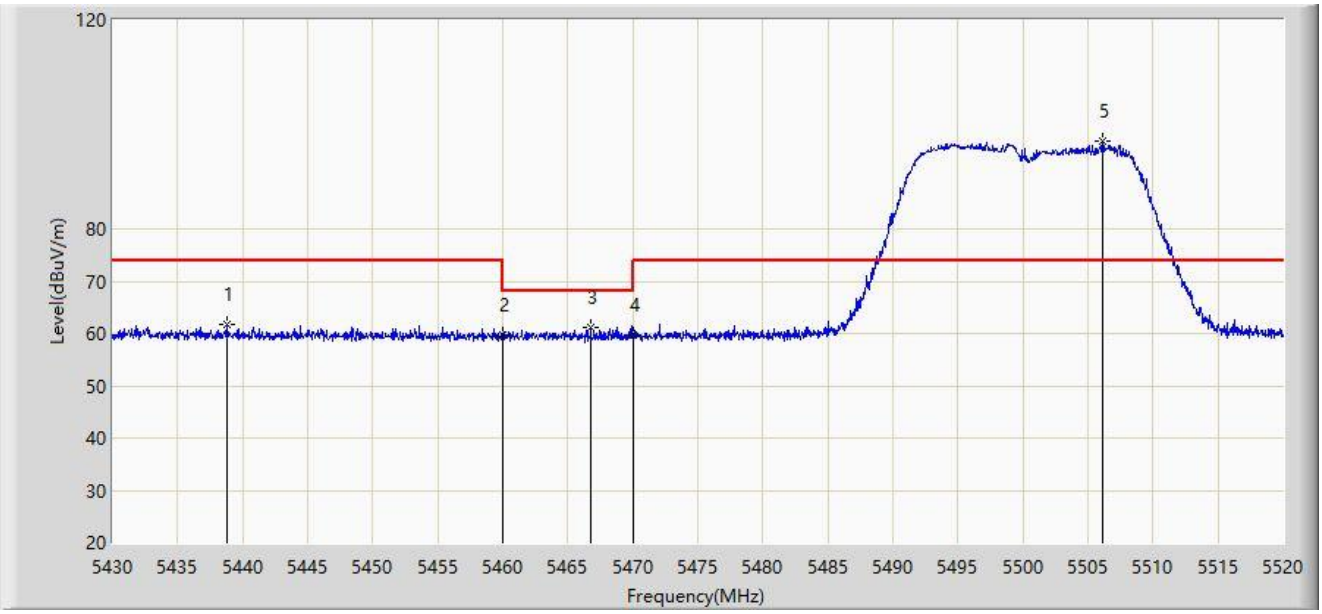
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5326.120	105.236	101.637	N/A	N/A	3.599	AV
2		5350.000	47.683	43.836	-6.317	54.000	3.847	AV
3	*	5356.600	48.851	44.951	-5.149	54.000	3.901	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	



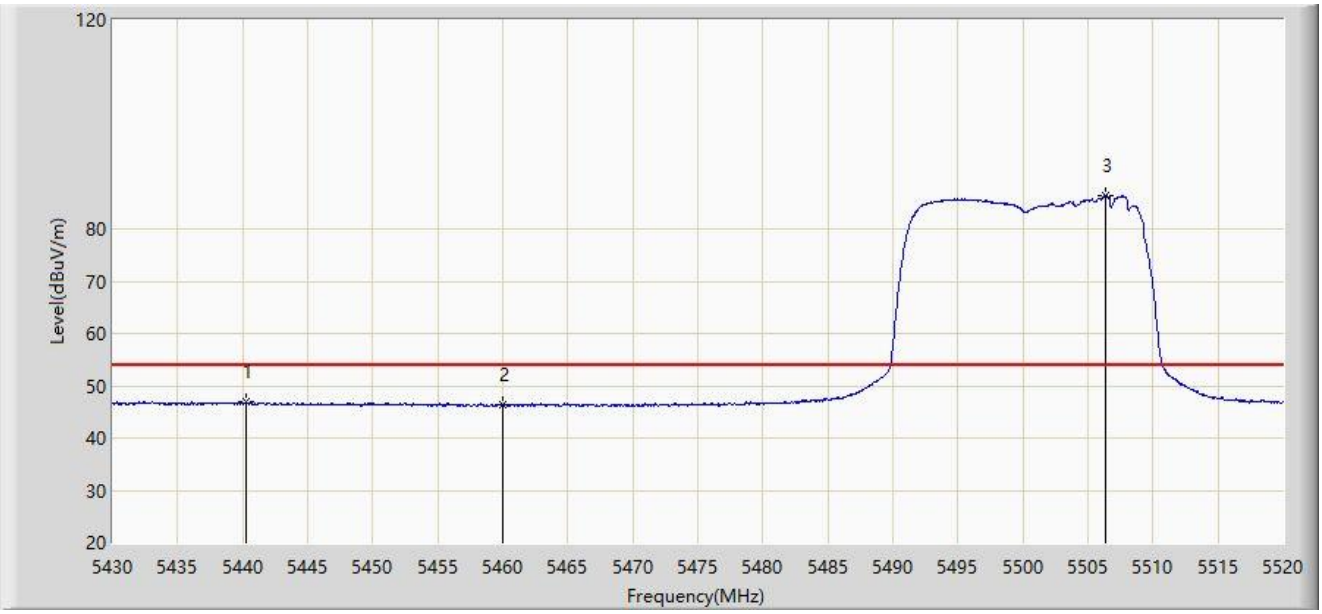
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5438.820	61.673	57.435	-12.327	74.000	4.238	PK
2		5460.000	59.821	55.993	-14.179	74.000	3.828	PK
3	*	5466.765	61.193	57.394	-7.007	68.200	3.799	PK
4		5470.000	59.601	55.817	-8.599	68.200	3.785	PK
5		5506.140	96.747	92.624	N/A	N/A	4.123	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	



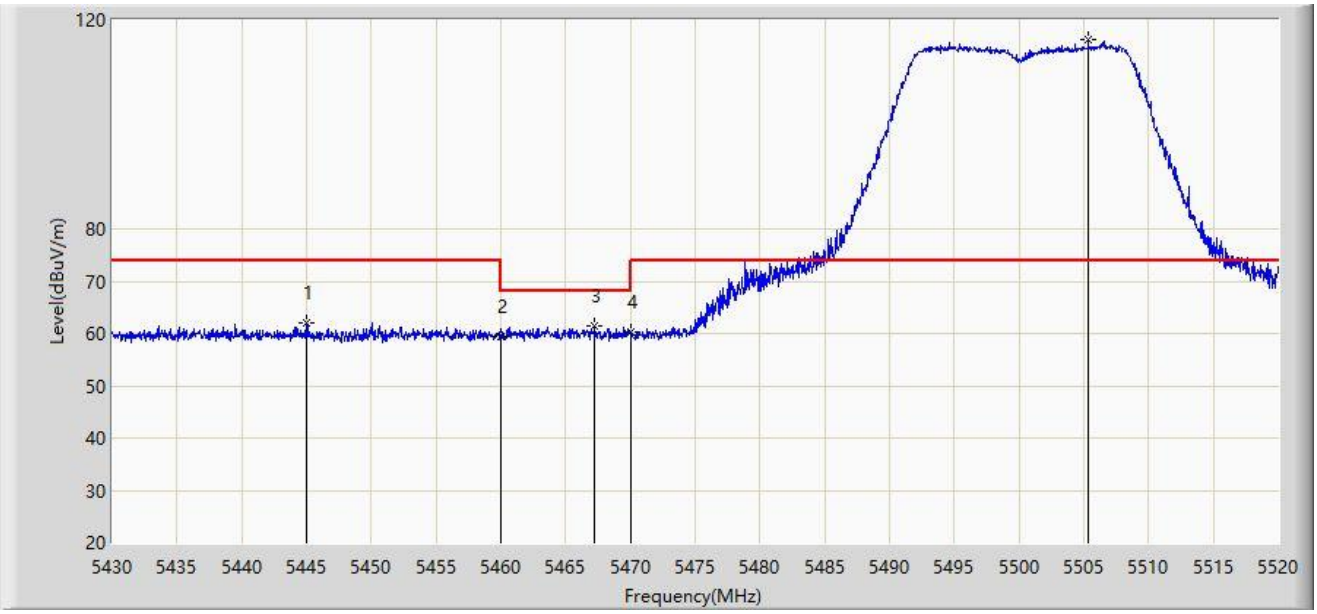
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5440.215	46.913	42.709	-7.087	54.000	4.205	AV
2		5460.000	46.397	42.569	-7.603	54.000	3.828	AV
3		5506.365	86.442	82.321	N/A	N/A	4.122	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	



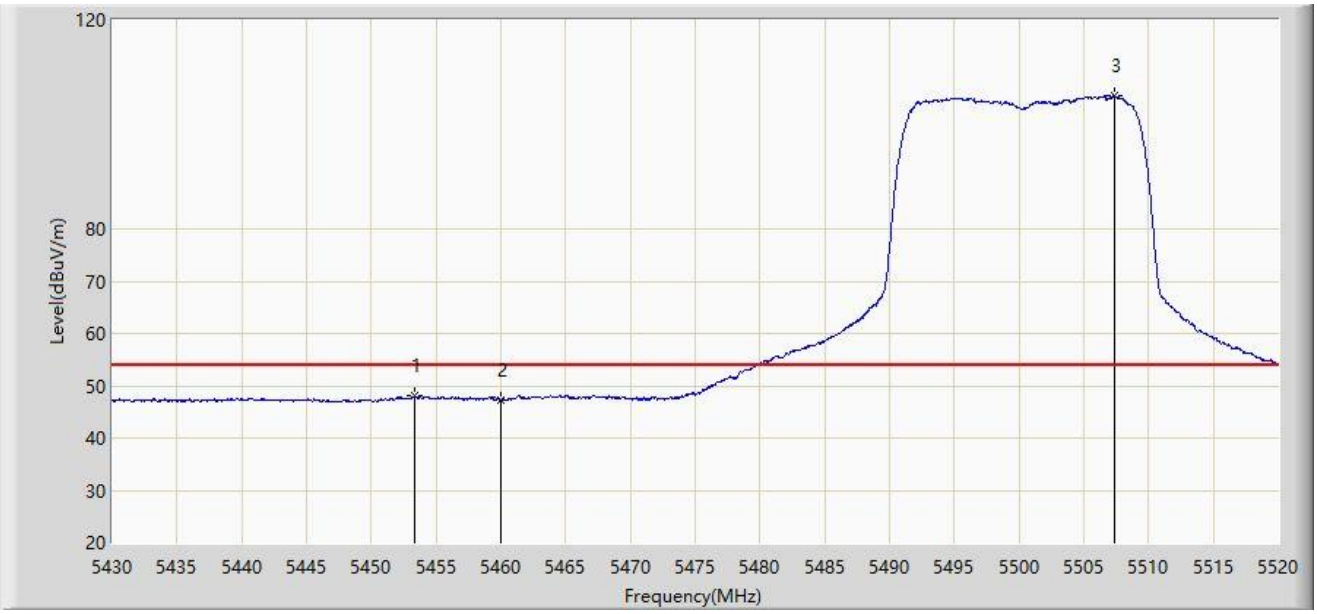
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5445.030	61.970	57.882	-12.030	74.000	4.088	PK
2		5460.000	59.291	55.463	-14.709	74.000	3.828	PK
3	*	5467.260	61.339	57.543	-6.861	68.200	3.796	PK
4		5470.000	60.210	56.426	-7.990	68.200	3.785	PK
5		5505.330	116.268	112.137	N/A	N/A	4.130	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5500MHz	



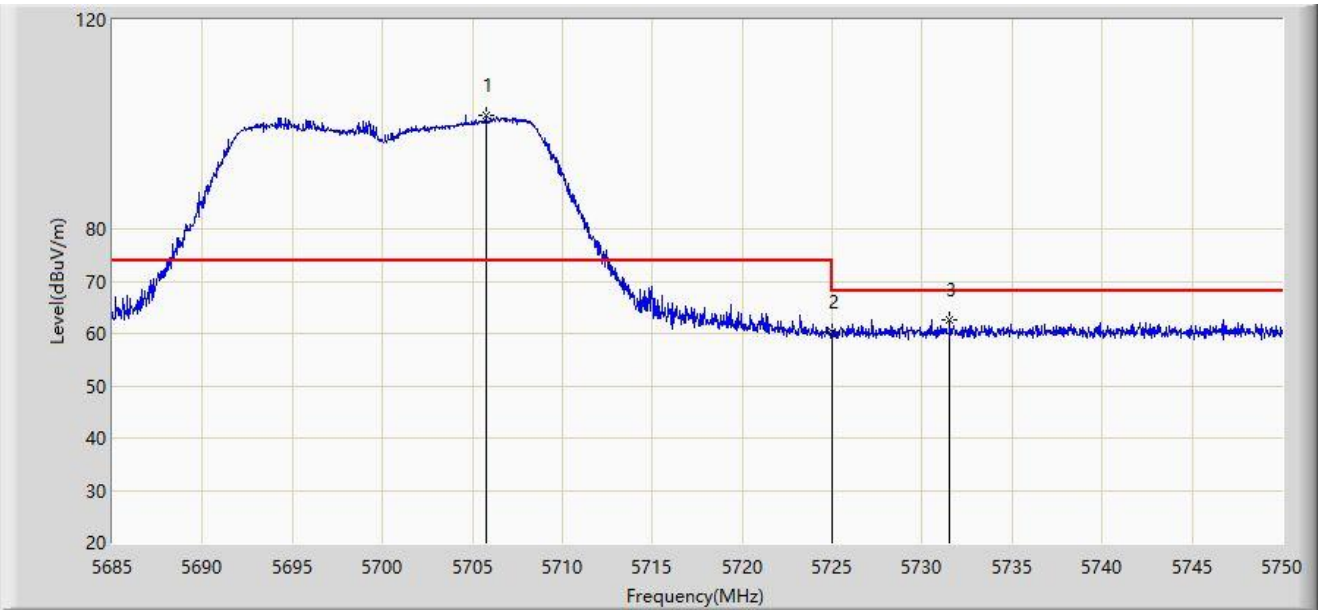
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5453.310	48.038	44.151	-5.962	54.000	3.887	AV
2		5460.000	47.242	43.414	-6.758	54.000	3.828	AV
3		5507.355	105.433	101.320	N/A	N/A	4.113	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz	



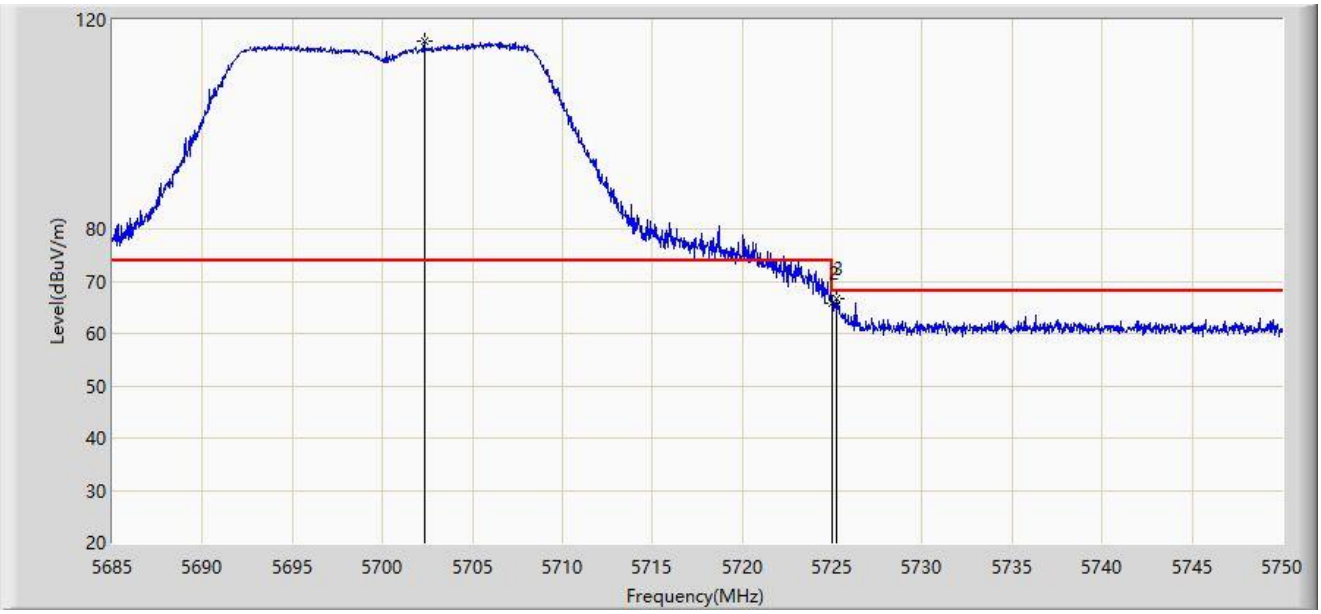
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5705.735	101.729	96.550	N/A	N/A	5.180	PK
2		5725.000	60.335	54.859	-7.865	68.200	5.476	PK
3	*	5731.540	62.744	57.218	-5.456	68.200	5.526	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5700MHz	



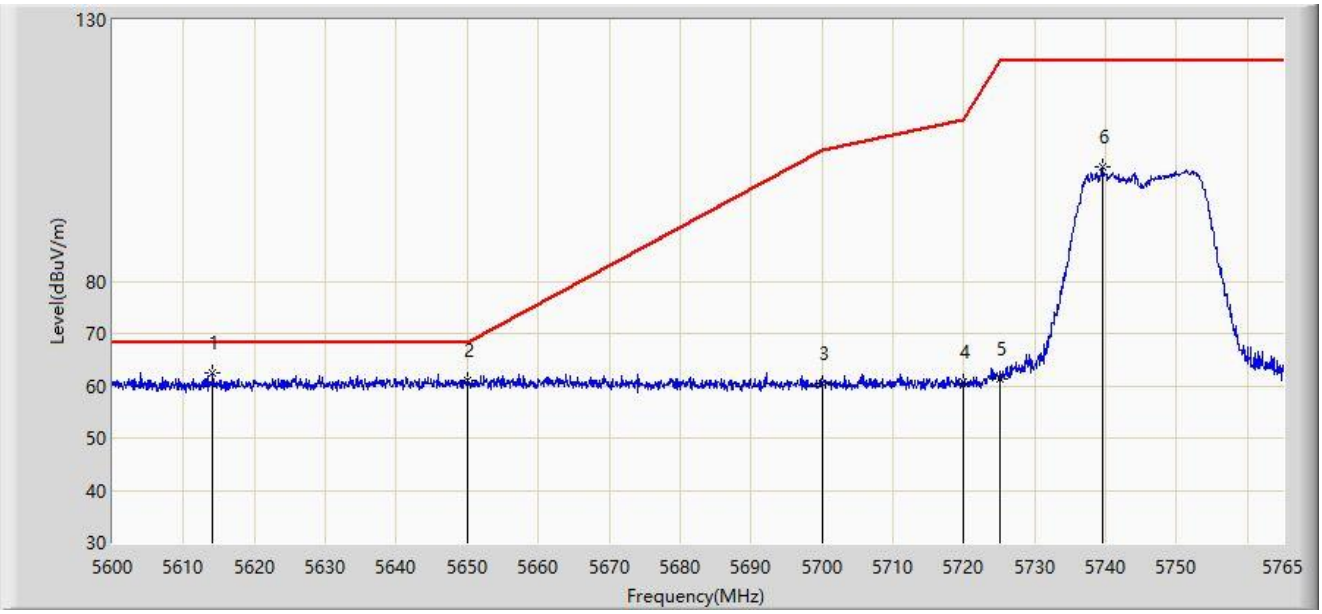
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5702.322	116.033	110.884	N/A	N/A	5.149	PK
2		5725.000	65.701	60.225	-2.499	68.200	5.476	PK
3	*	5725.203	66.677	61.198	-1.523	68.200	5.479	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz	



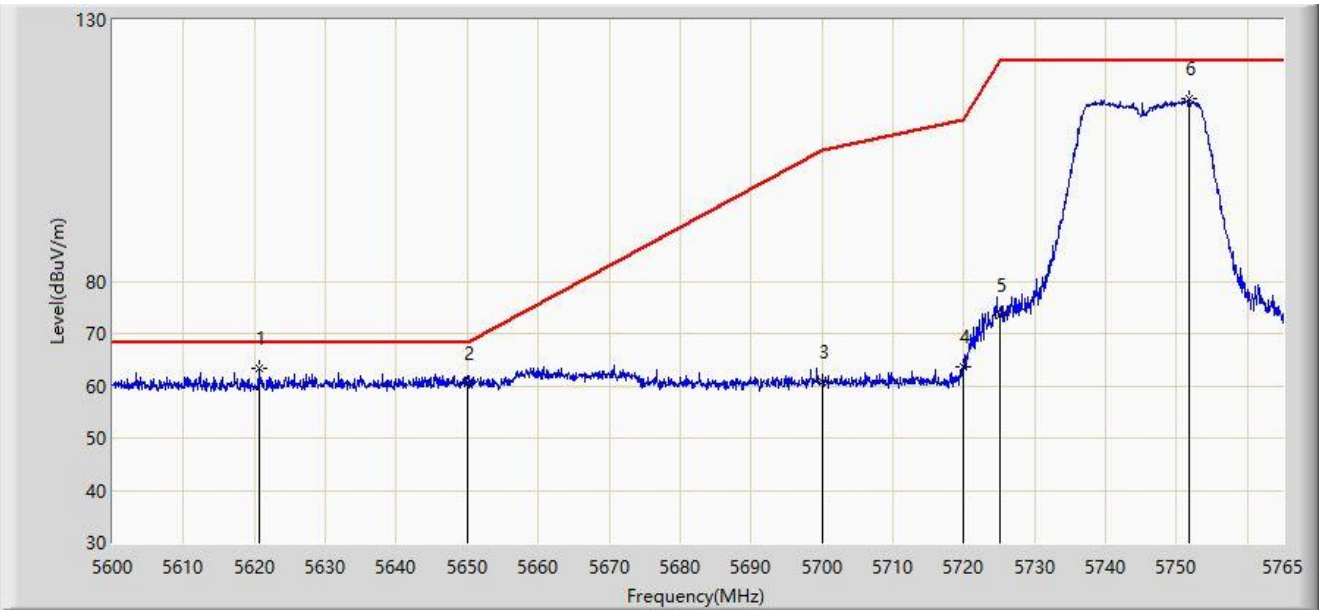
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5614.107	62.596	58.074	-5.604	68.200	4.521	PK
2		5650.000	61.018	55.886	-7.182	68.200	5.132	PK
3		5700.000	60.397	55.269	-44.803	105.200	5.129	PK
4		5720.000	60.826	55.434	-49.974	110.800	5.392	PK
5		5725.000	61.432	55.956	-60.768	122.200	5.476	PK
6		5739.507	102.027	96.450	N/A	N/A	5.576	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5745MHz	



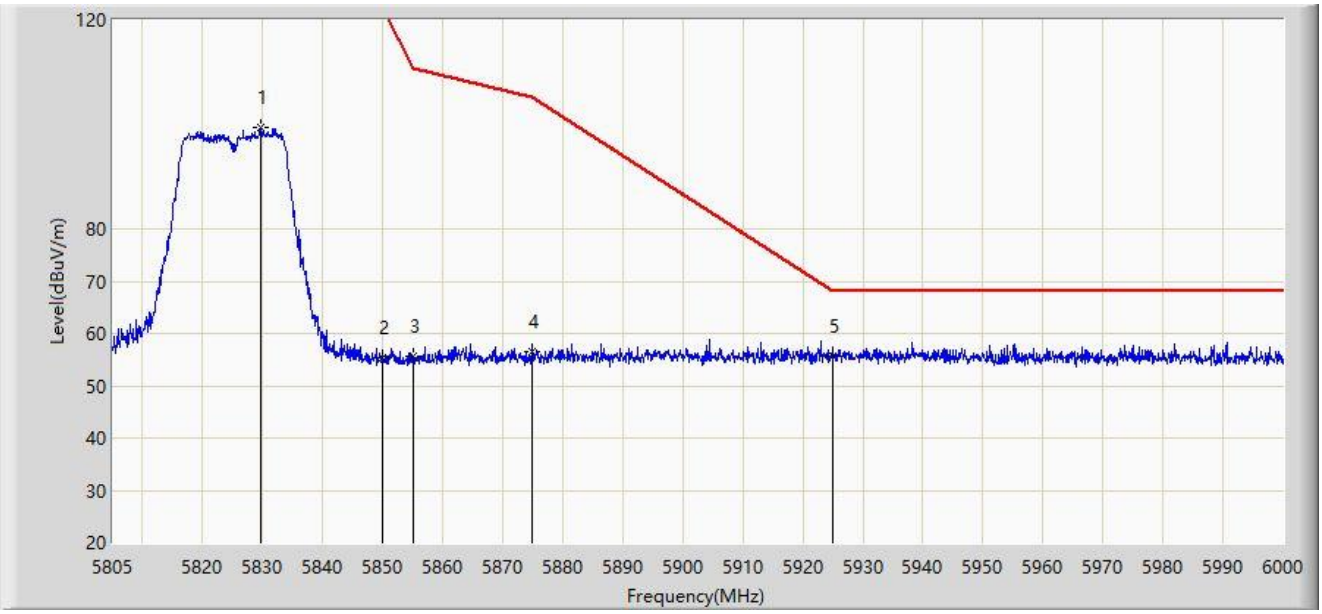
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5620.625	63.379	58.787	-4.821	68.200	4.592	PK
2		5650.000	60.420	55.288	-7.780	68.200	5.132	PK
3		5700.000	60.798	55.670	-44.402	105.200	5.129	PK
4		5720.000	63.521	58.129	-47.279	110.800	5.392	PK
5		5725.000	73.492	68.016	-48.708	122.200	5.476	PK
6		5751.800	115.056	109.570	N/A	N/A	5.486	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	



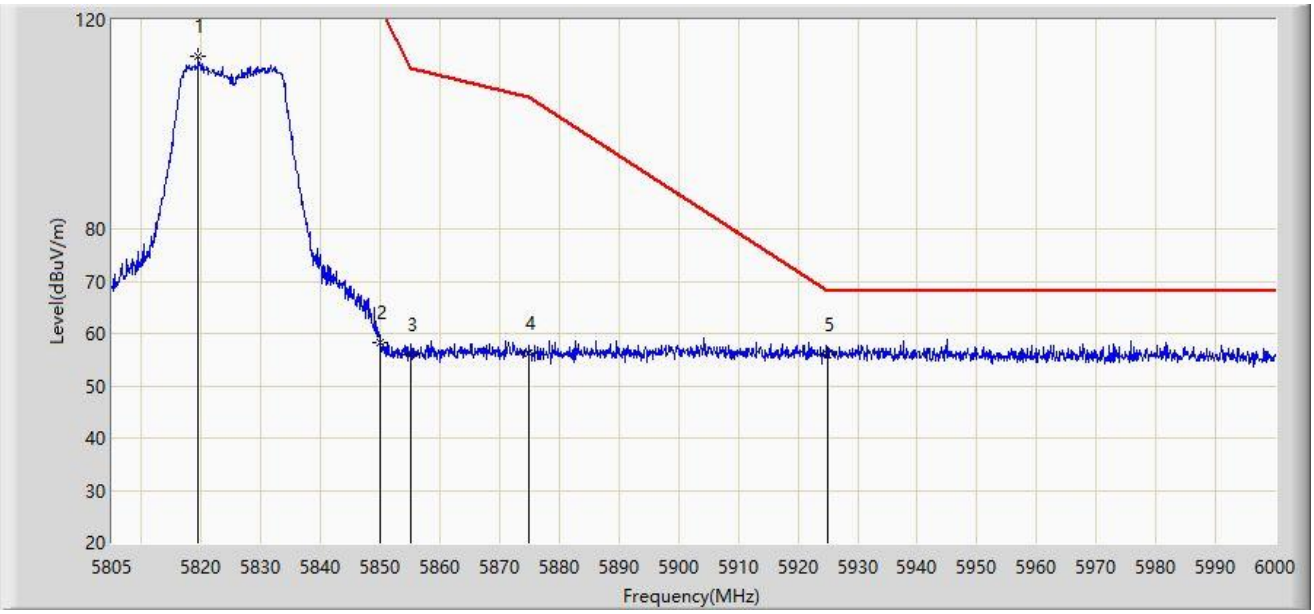
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5829.570	99.427	93.873	N/A	N/A	5.554	PK
2		5850.000	55.348	49.638	-66.852	122.200	5.710	PK
3		5855.000	55.528	49.738	-55.272	110.800	5.790	PK
4		5875.000	56.630	50.717	-48.570	105.200	5.913	PK
5	*	5925.000	55.550	49.533	-12.650	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT20 at Channel 5825MHz	



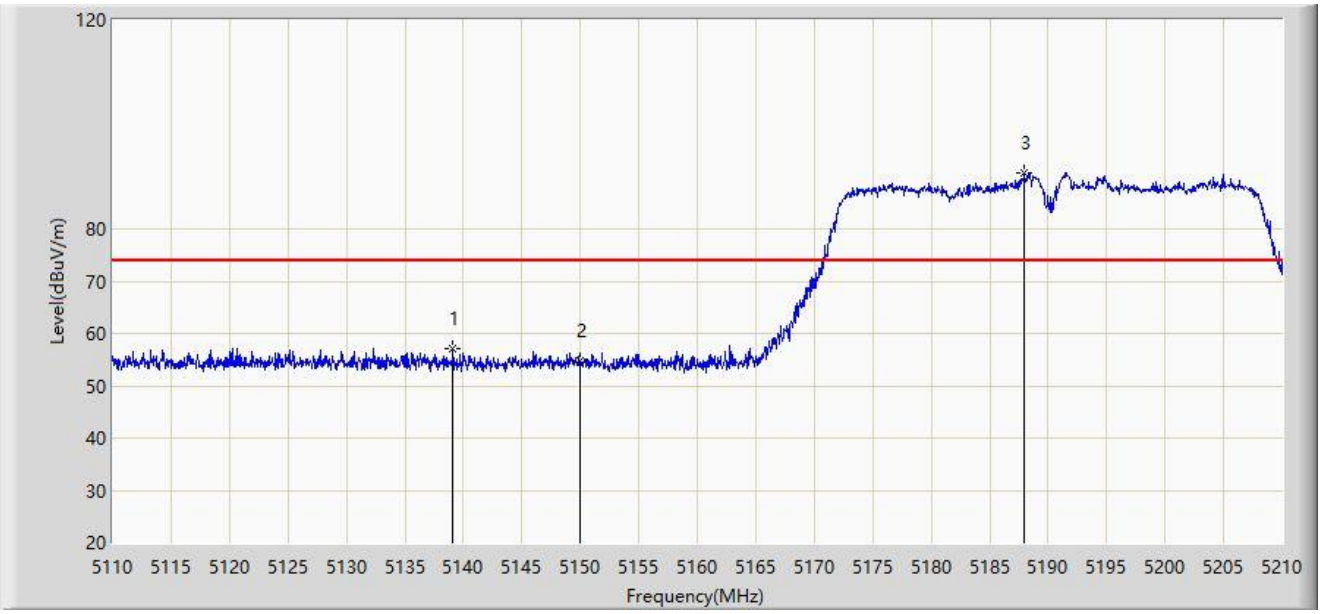
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5819.527	113.053	107.421	N/A	N/A	5.632	PK
2		5850.000	58.178	52.468	-64.022	122.200	5.710	PK
3		5855.000	55.951	50.161	-54.849	110.800	5.790	PK
4		5875.000	56.341	50.428	-48.859	105.200	5.913	PK
5	*	5925.000	55.898	49.881	-12.302	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	



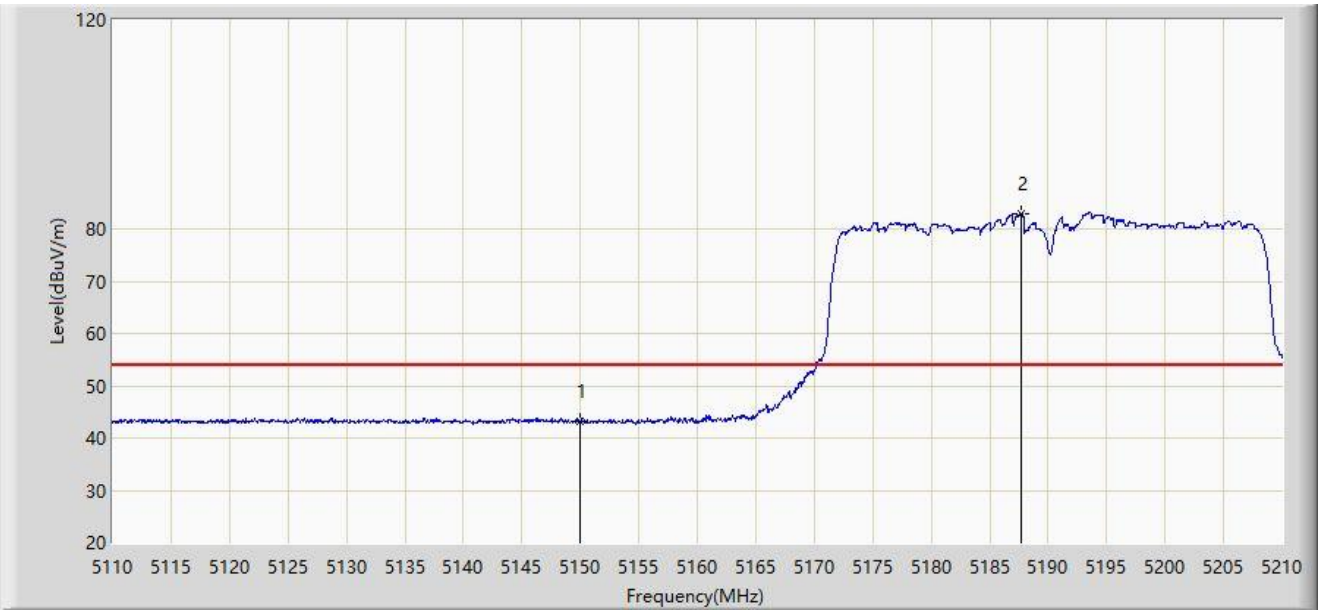
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5139.100	57.080	52.950	-16.920	74.000	4.131	PK
2		5150.000	54.707	50.638	-19.293	74.000	4.069	PK
3		5188.000	90.696	86.911	N/A	N/A	3.785	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	



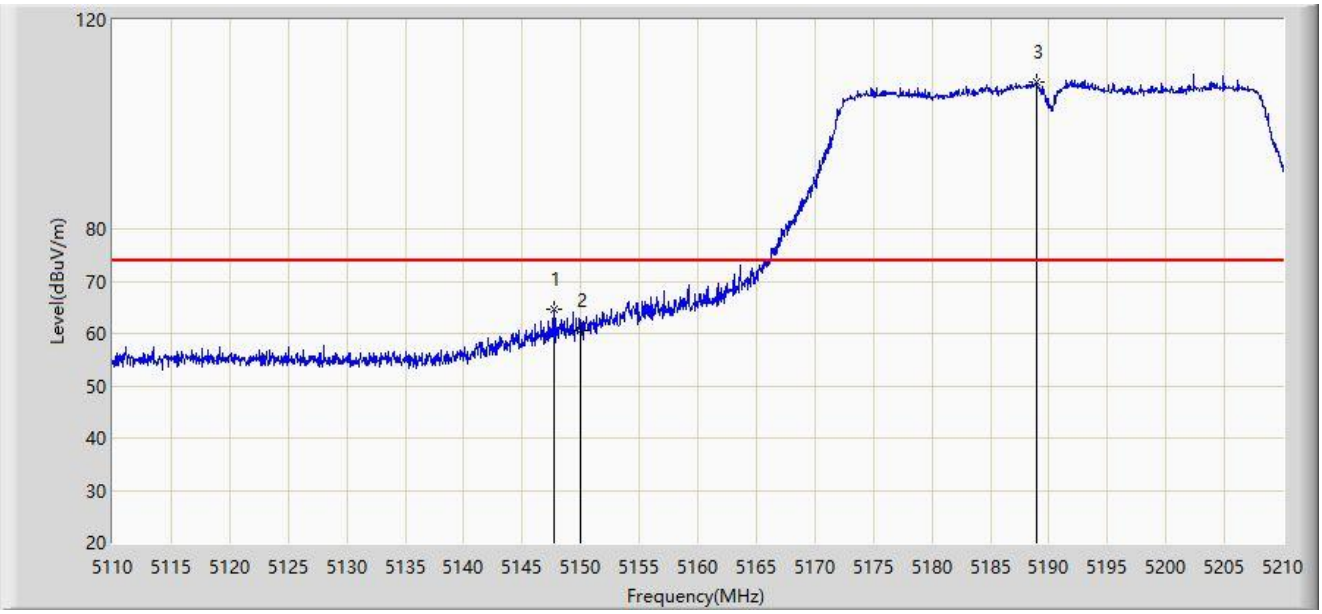
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	43.204	39.135	-10.796	54.000	4.069	AV
2		5187.700	82.910	79.125	N/A	N/A	3.786	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	



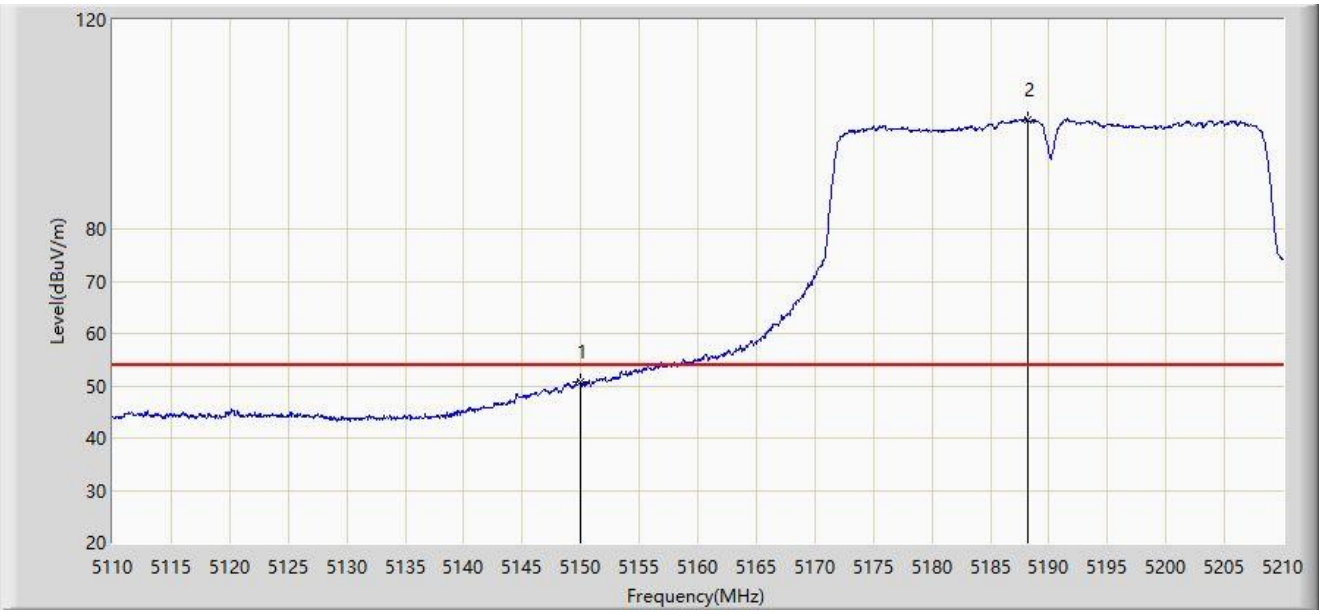
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5147.700	64.513	60.393	-9.487	74.000	4.120	PK
2		5150.000	60.439	56.370	-13.561	74.000	4.069	PK
3		5188.950	108.041	104.256	N/A	N/A	3.785	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5190MHz	



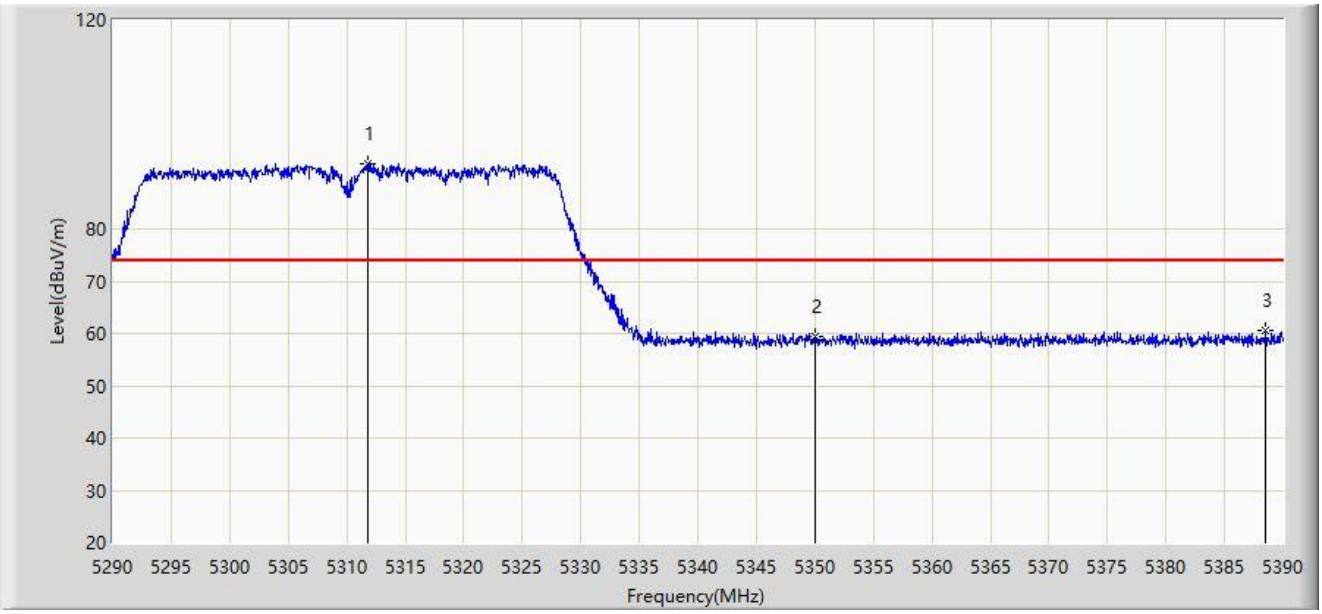
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	50.691	46.622	-3.309	54.000	4.069	AV
2		5188.150	100.977	97.192	N/A	N/A	3.786	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	



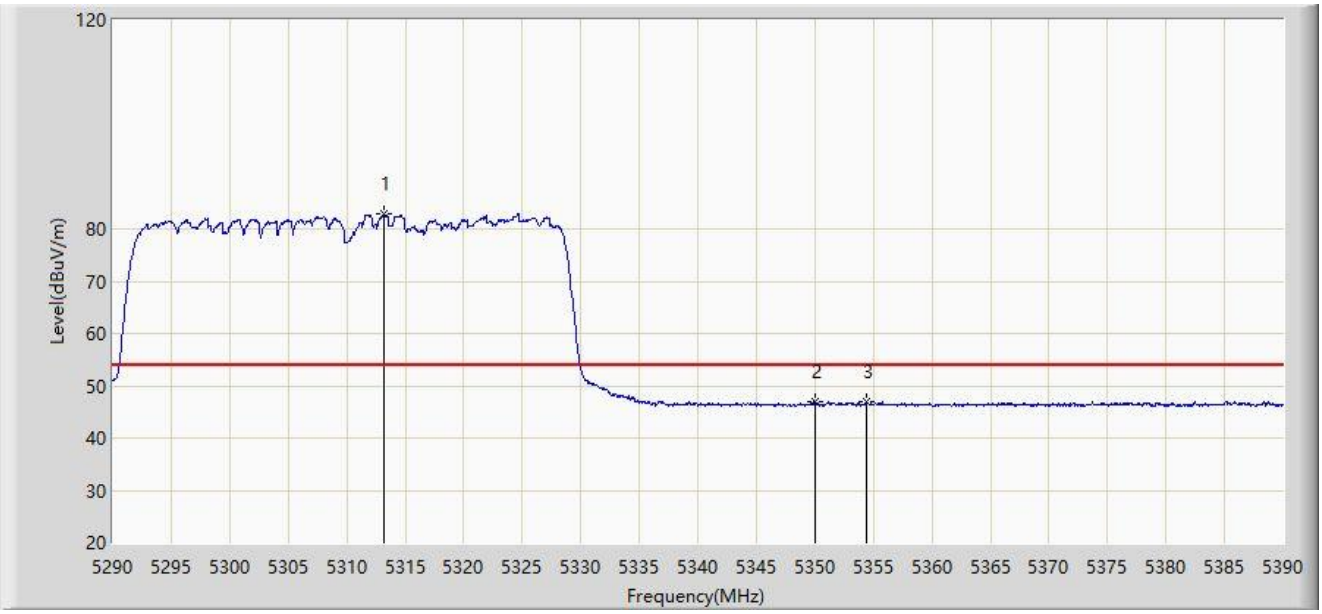
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5311.800	92.535	89.015	N/A	N/A	3.520	PK
2		5350.000	59.534	55.687	-14.466	74.000	3.847	PK
3	*	5388.500	60.506	56.507	-13.494	74.000	3.999	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	



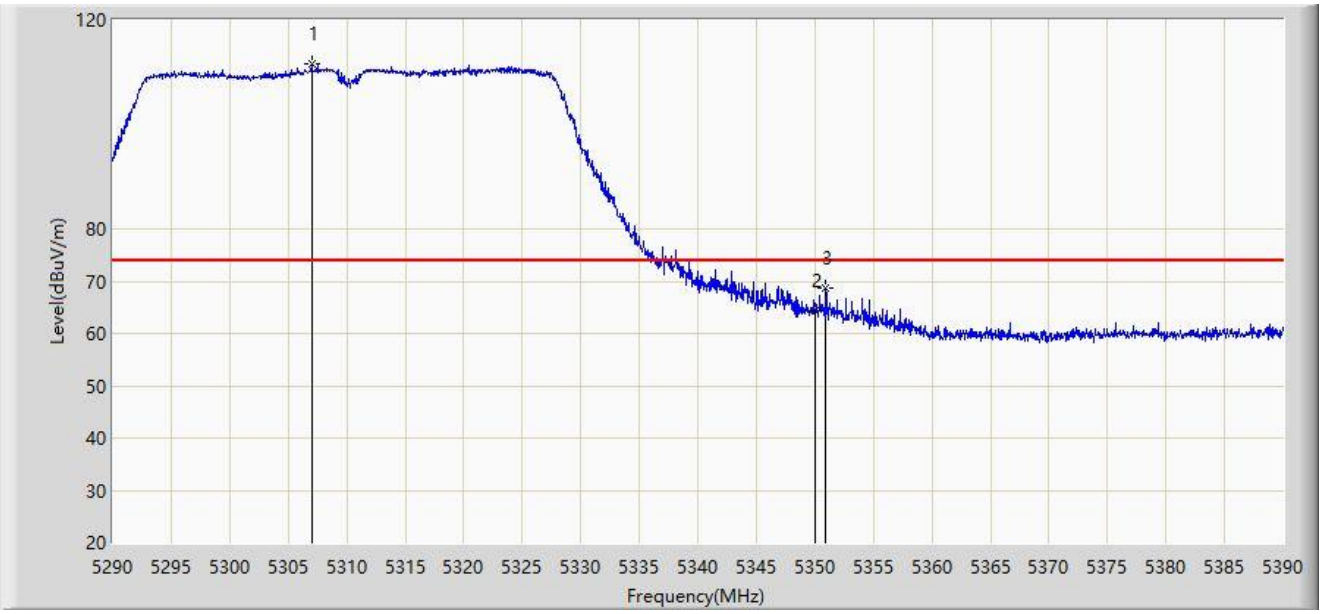
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5313.200	82.869	79.361	N/A	N/A	3.507	AV
2		5350.000	46.929	43.082	-7.071	54.000	3.847	AV
3	*	5354.450	47.017	43.125	-6.983	54.000	3.893	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Lucas Wang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	



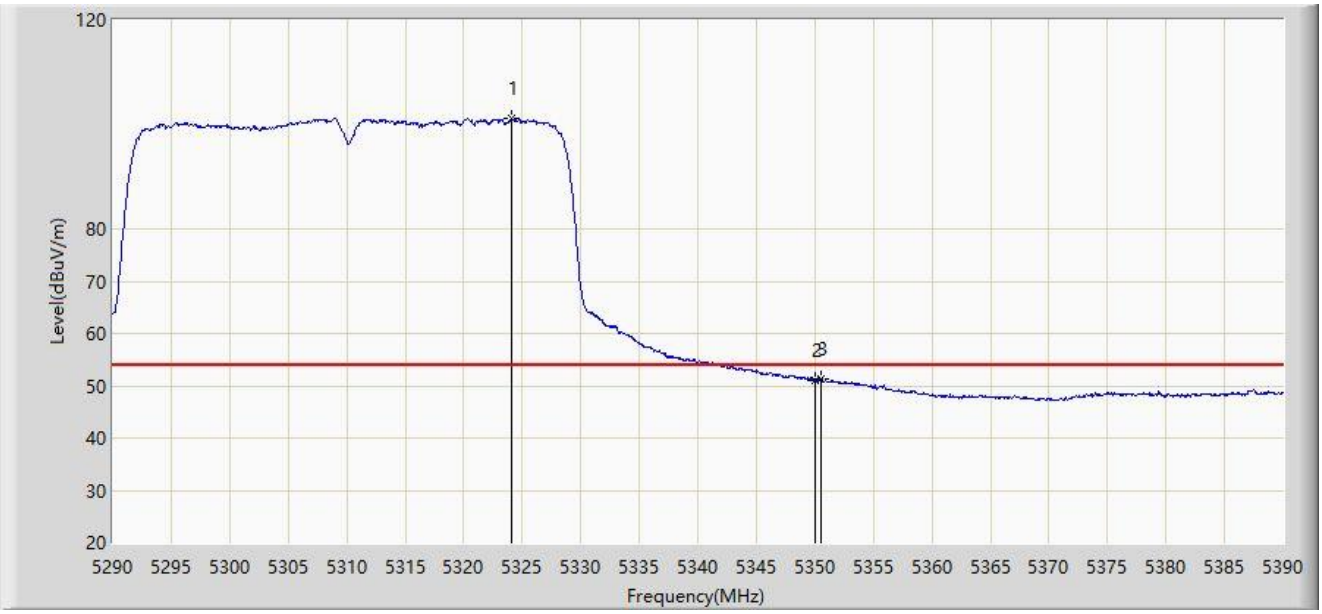
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5307.000	111.563	108.002	N/A	N/A	3.562	PK
2		5350.000	64.363	60.516	-9.637	74.000	3.847	PK
3	*	5350.950	68.662	64.798	-5.338	74.000	3.864	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5310MHz	



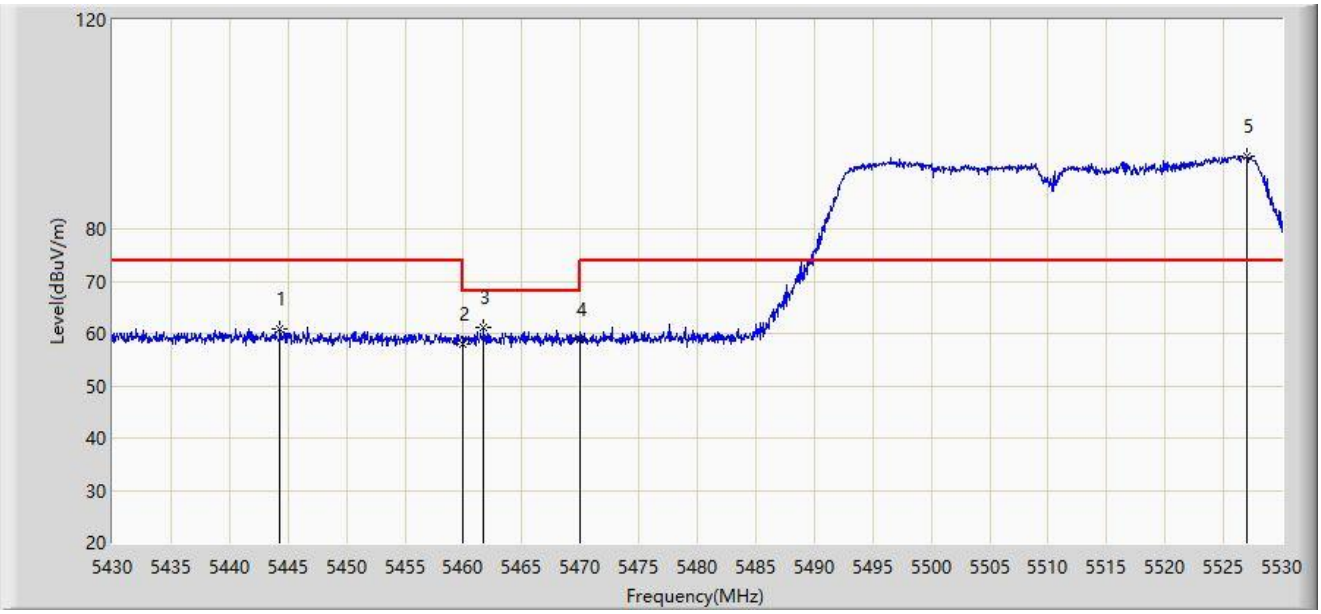
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5324.100	101.109	97.539	N/A	N/A	3.571	AV
2		5350.000	51.126	47.279	-2.874	54.000	3.847	AV
3	*	5350.500	51.345	47.489	-2.655	54.000	3.855	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	



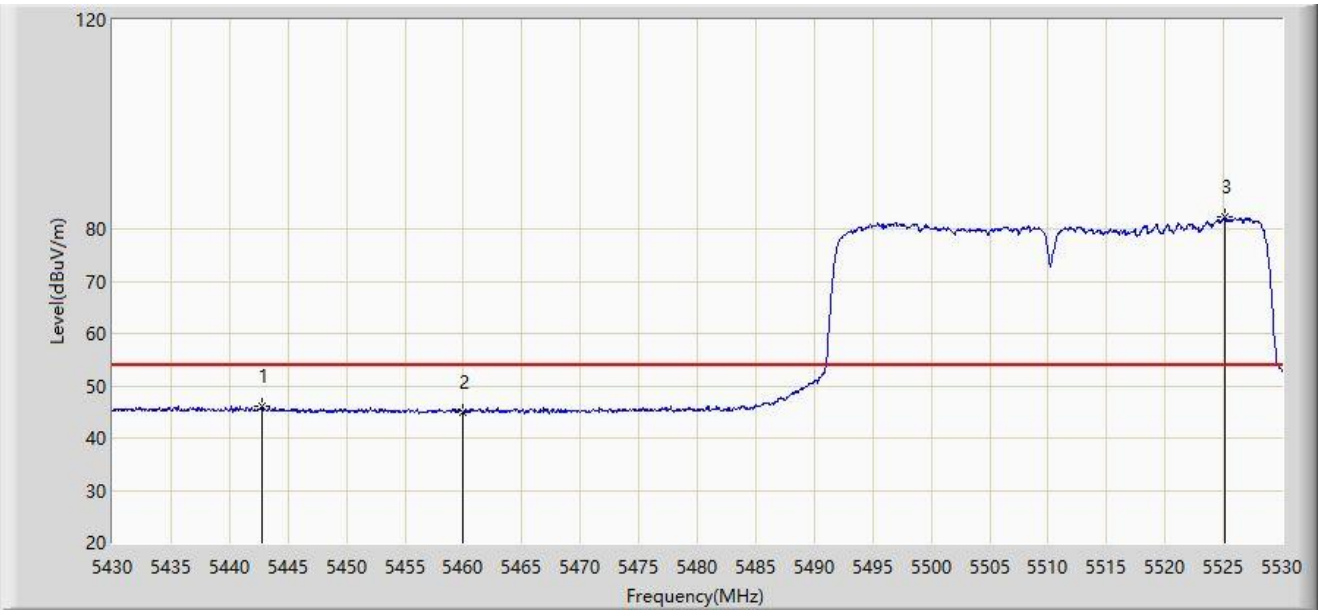
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5444.300	60.952	56.847	-13.048	74.000	4.105	PK
2		5460.000	58.101	54.273	-15.899	74.000	3.828	PK
3	*	5461.750	61.093	57.272	-7.107	68.200	3.820	PK
4		5470.000	58.792	55.008	-9.408	68.200	3.785	PK
5		5526.950	93.919	89.970	N/A	N/A	3.950	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	



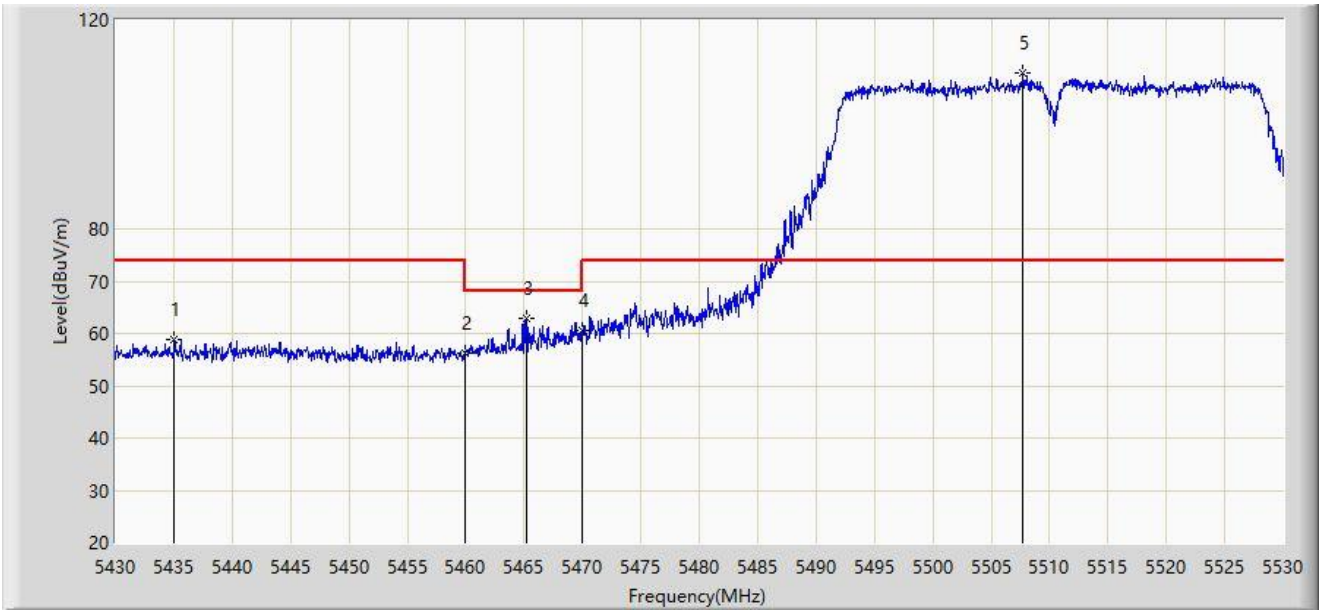
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5442.750	46.026	41.883	-7.974	54.000	4.143	AV
2		5460.000	45.069	41.241	-8.931	54.000	3.828	AV
3		5525.150	82.265	78.305	N/A	N/A	3.961	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	



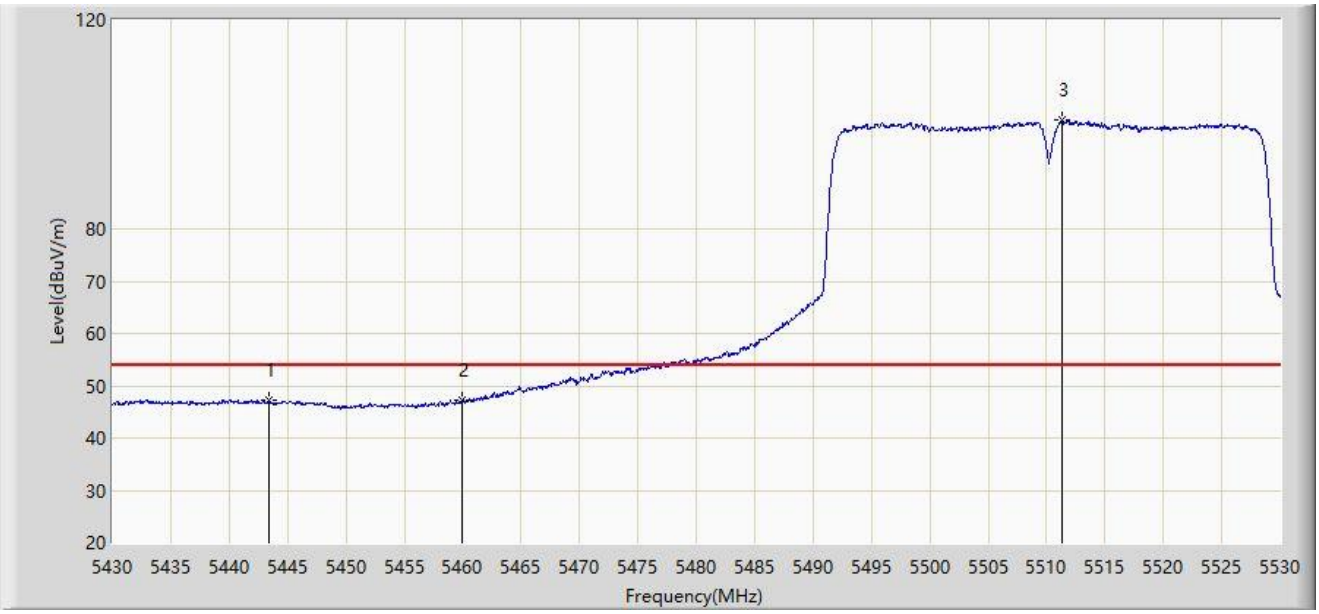
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5435.000	58.824	54.565	-15.176	74.000	4.260	PK
2		5460.000	56.372	52.544	-17.628	74.000	3.828	PK
3	*	5465.200	62.865	59.060	-5.335	68.200	3.805	PK
4		5470.000	60.693	56.909	-7.507	68.200	3.785	PK
5		5507.700	109.939	105.829	N/A	N/A	4.110	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5510MHz	



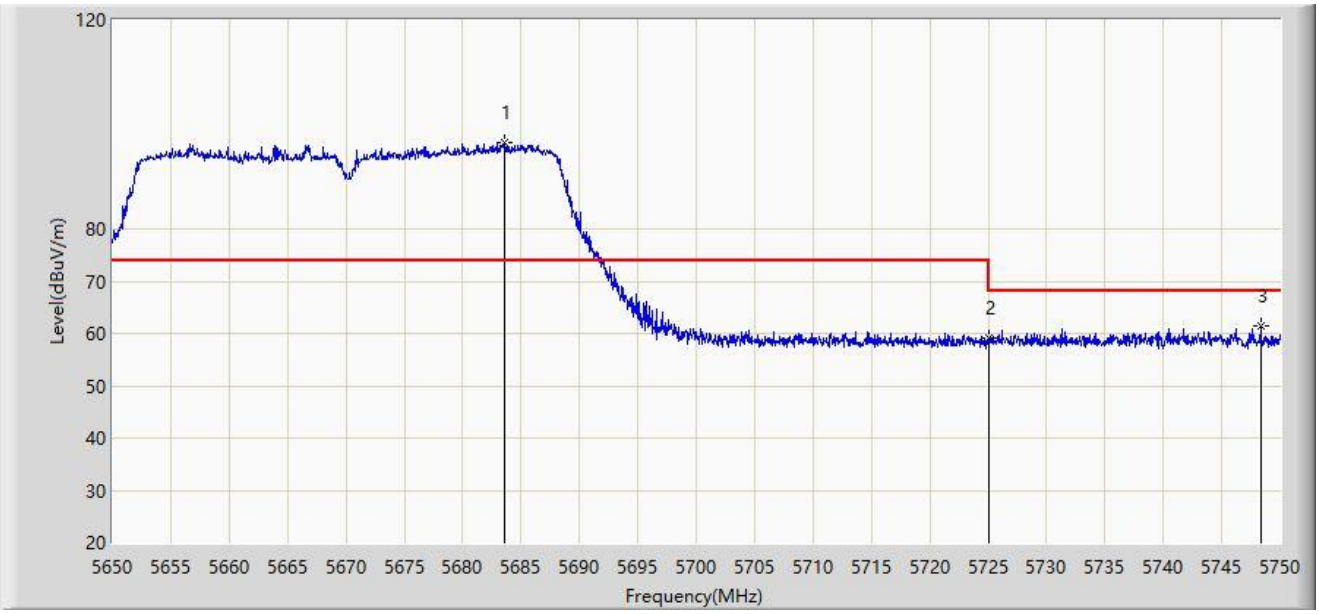
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5443.350	47.362	43.234	-6.638	54.000	4.128	AV
2		5460.000	47.188	43.360	-6.812	54.000	3.828	AV
3		5511.300	100.772	96.694	N/A	N/A	4.078	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz	



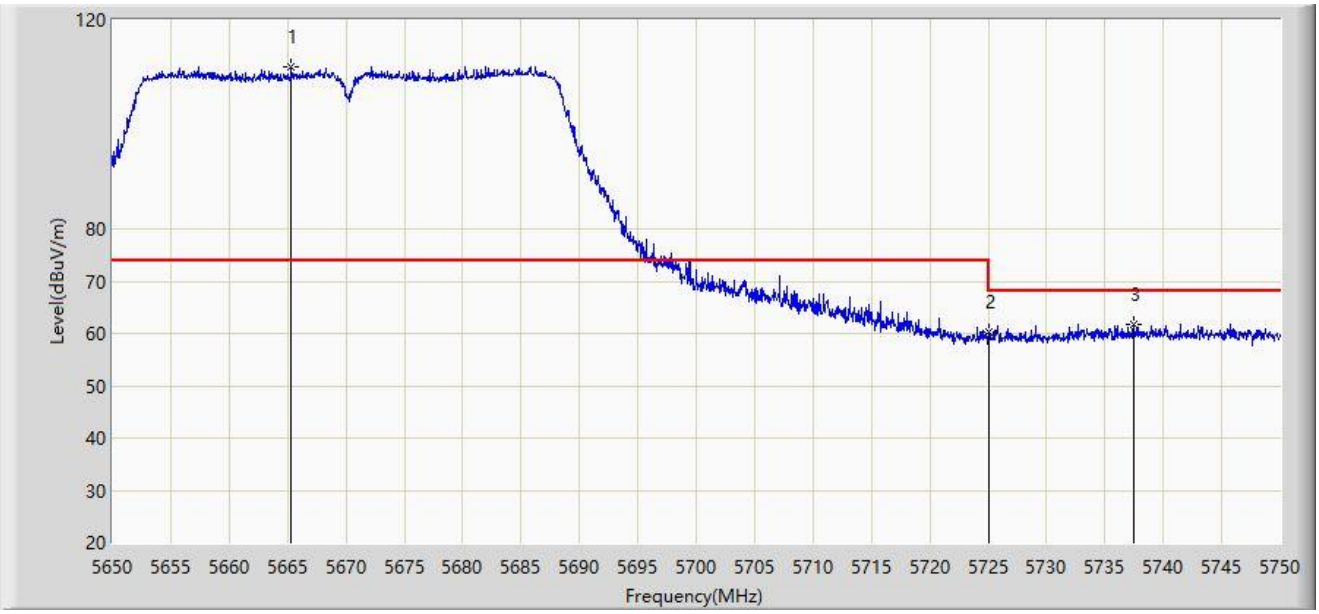
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5683.600	96.511	91.421	N/A	N/A	5.090	PK
2		5725.000	59.165	53.689	-9.035	68.200	5.476	PK
3	*	5748.350	61.478	55.943	-6.722	68.200	5.536	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5670MHz	



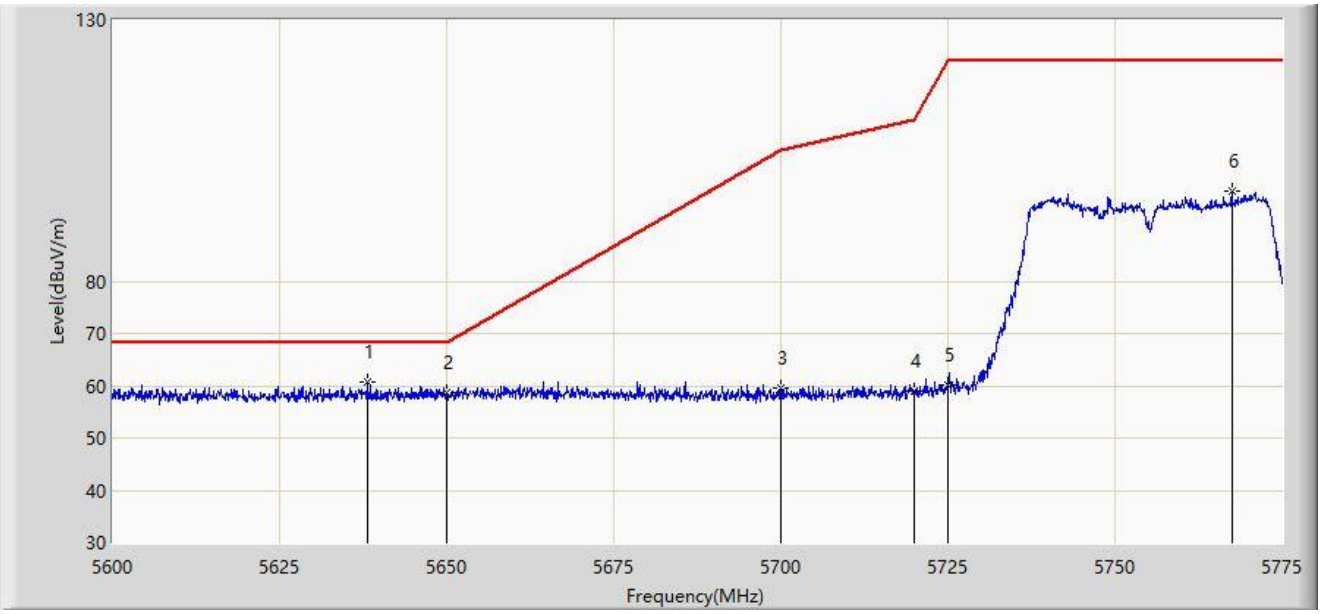
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5665.350	111.128	105.930	N/A	N/A	5.198	PK
2		5725.000	60.405	54.929	-7.795	68.200	5.476	PK
3	*	5737.450	61.785	56.221	-6.415	68.200	5.564	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz	



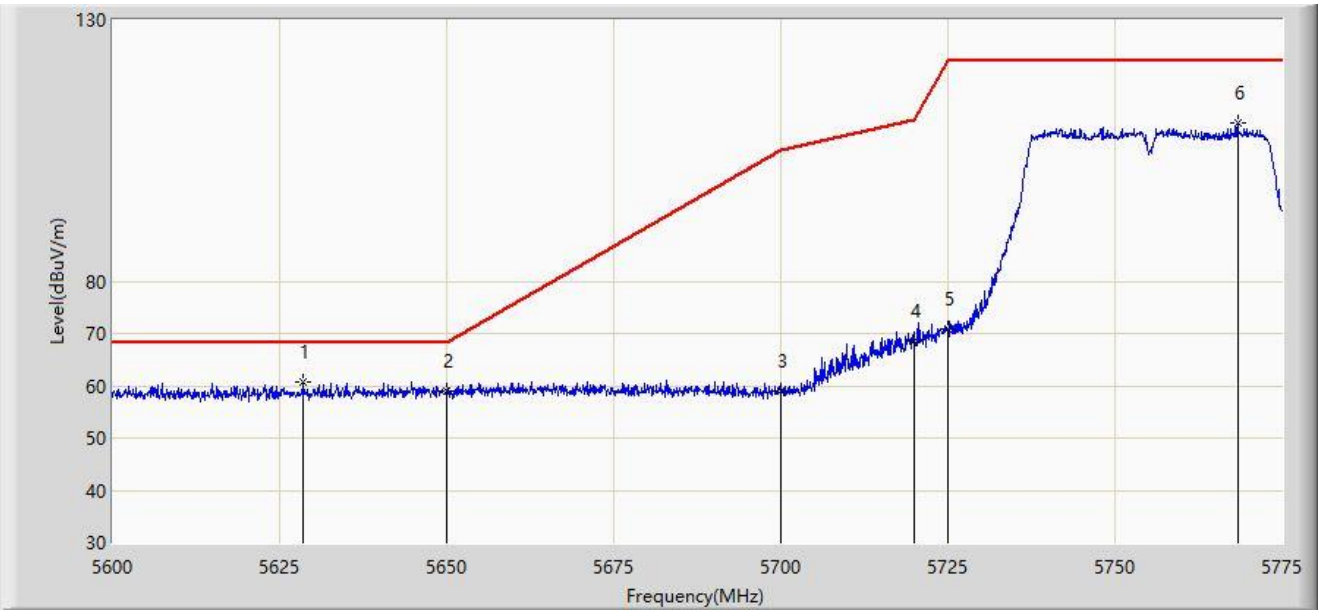
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5638.062	60.791	55.822	-7.409	68.200	4.969	PK
2		5650.000	58.666	53.534	-9.534	68.200	5.132	PK
3		5700.000	59.443	54.315	-45.757	105.200	5.129	PK
4		5720.000	58.850	53.458	-51.950	110.800	5.392	PK
5		5725.000	60.208	54.732	-61.992	122.200	5.476	PK
6		5767.475	97.325	91.891	N/A	N/A	5.434	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5755MHz	



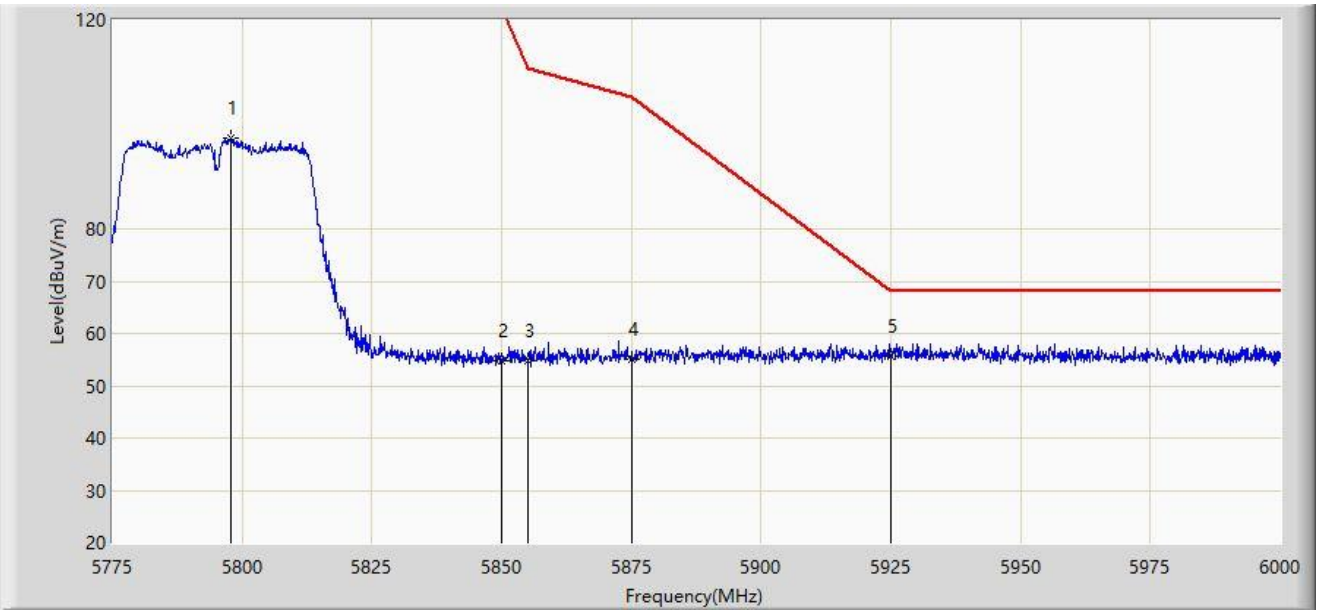
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5628.612	60.857	56.109	-7.343	68.200	4.747	PK
2		5650.000	59.000	53.868	-9.200	68.200	5.132	PK
3		5700.000	59.037	53.909	-46.163	105.200	5.129	PK
4		5720.000	68.489	63.097	-42.311	110.800	5.392	PK
5		5725.000	70.753	65.277	-51.447	122.200	5.476	PK
6		5768.437	110.250	104.805	N/A	N/A	5.445	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz	



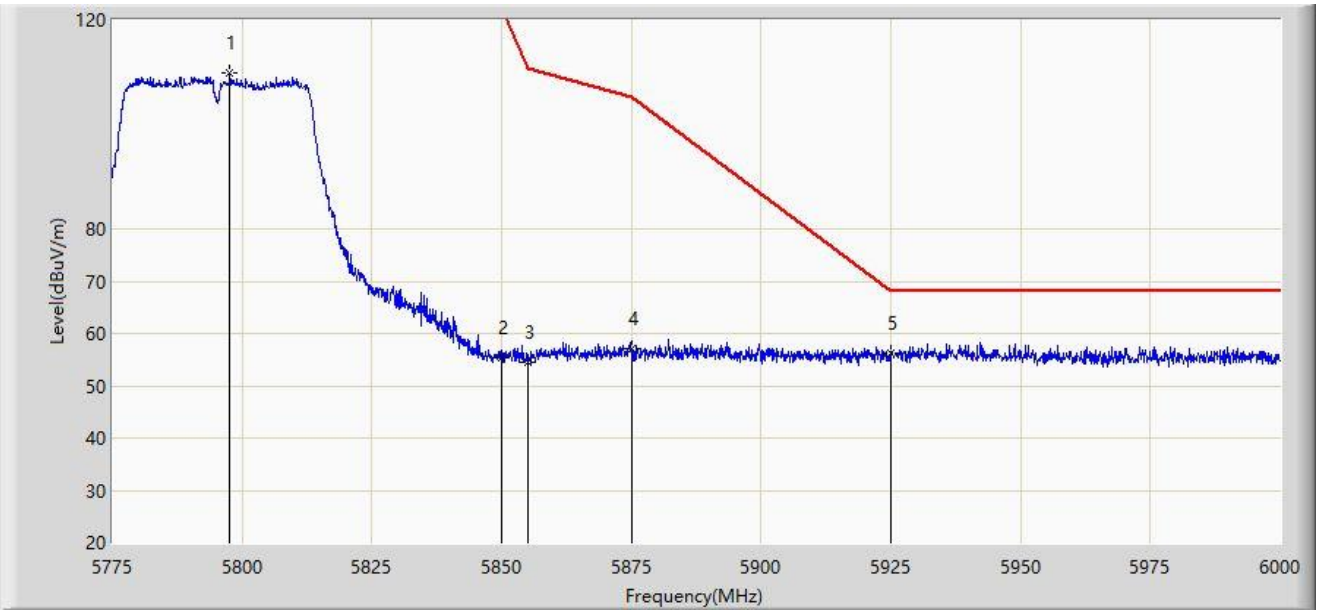
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5797.950	97.362	91.484	N/A	N/A	5.878	PK
2		5850.000	54.802	49.092	-67.398	122.200	5.710	PK
3		5855.000	54.693	48.903	-56.107	110.800	5.790	PK
4		5875.000	55.206	49.293	-49.994	105.200	5.913	PK
5	*	5925.000	55.539	49.522	-12.661	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT40 at Channel 5795MHz	



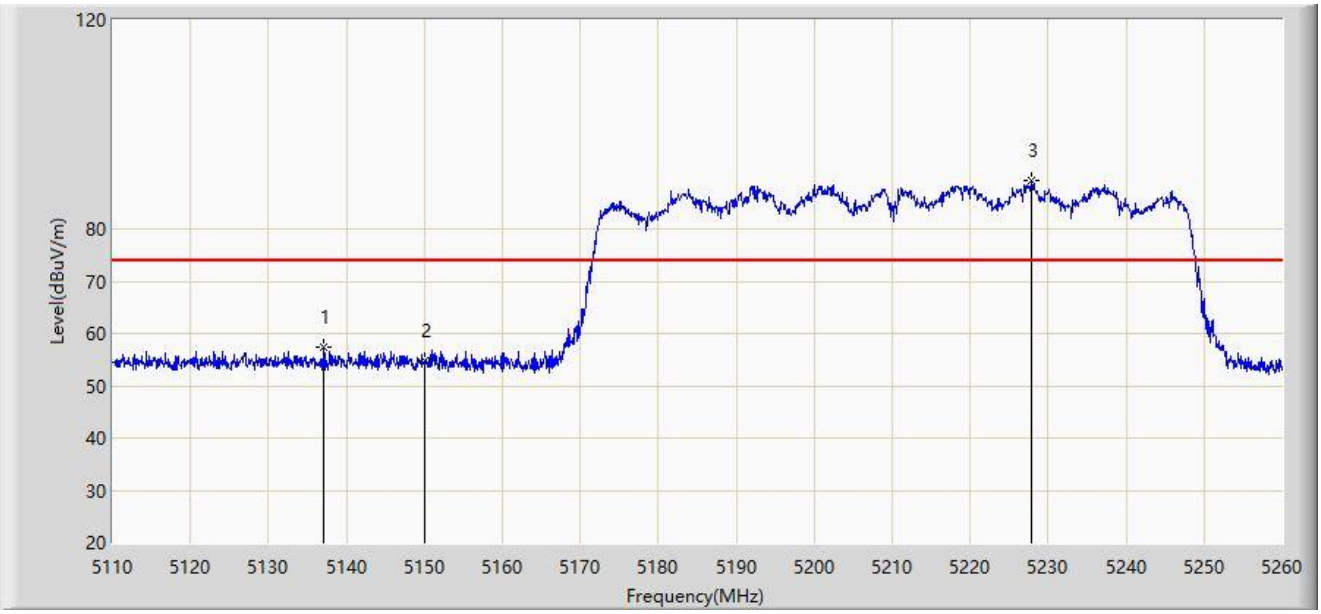
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5797.612	109.796	103.917	N/A	N/A	5.880	PK
2		5850.000	55.401	49.691	-66.799	122.200	5.710	PK
3		5855.000	54.633	48.843	-56.167	110.800	5.790	PK
4		5875.000	57.045	51.132	-48.155	105.200	5.913	PK
5	*	5925.000	56.129	50.112	-12.071	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	



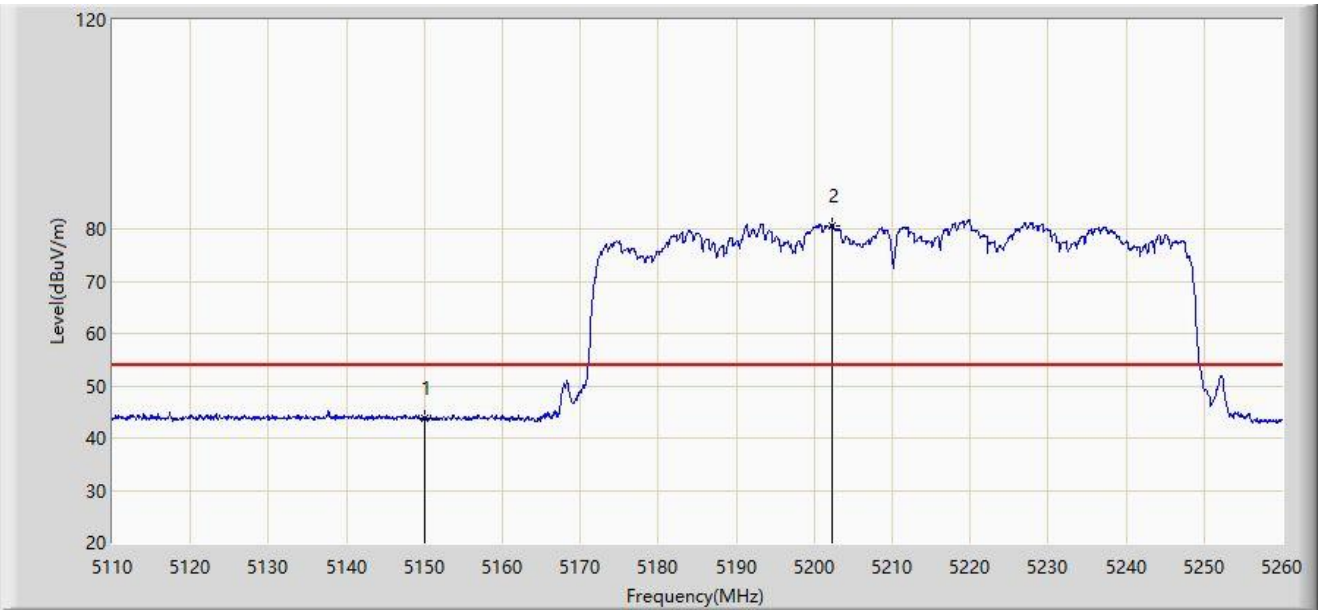
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5137.150	57.390	53.258	-16.610	74.000	4.132	PK
2		5150.000	54.659	50.590	-19.341	74.000	4.069	PK
3		5227.900	89.383	85.708	N/A	N/A	3.675	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	



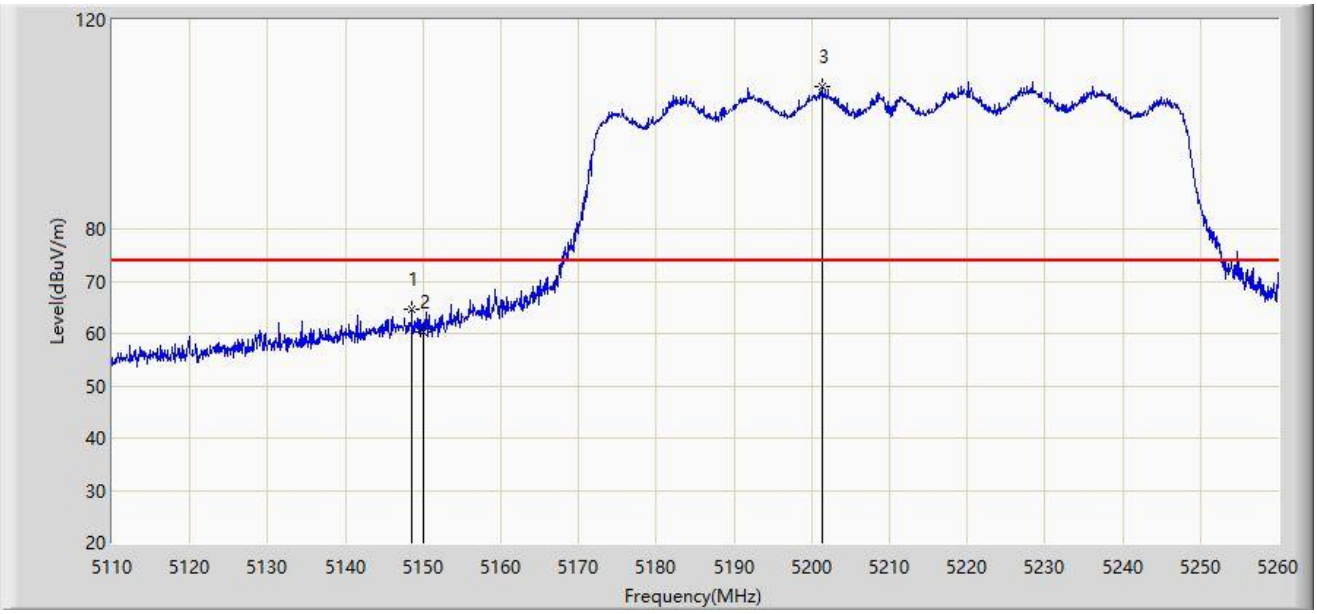
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	43.785	39.716	-10.215	54.000	4.069	AV
2		5202.325	80.723	76.945	N/A	N/A	3.778	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	



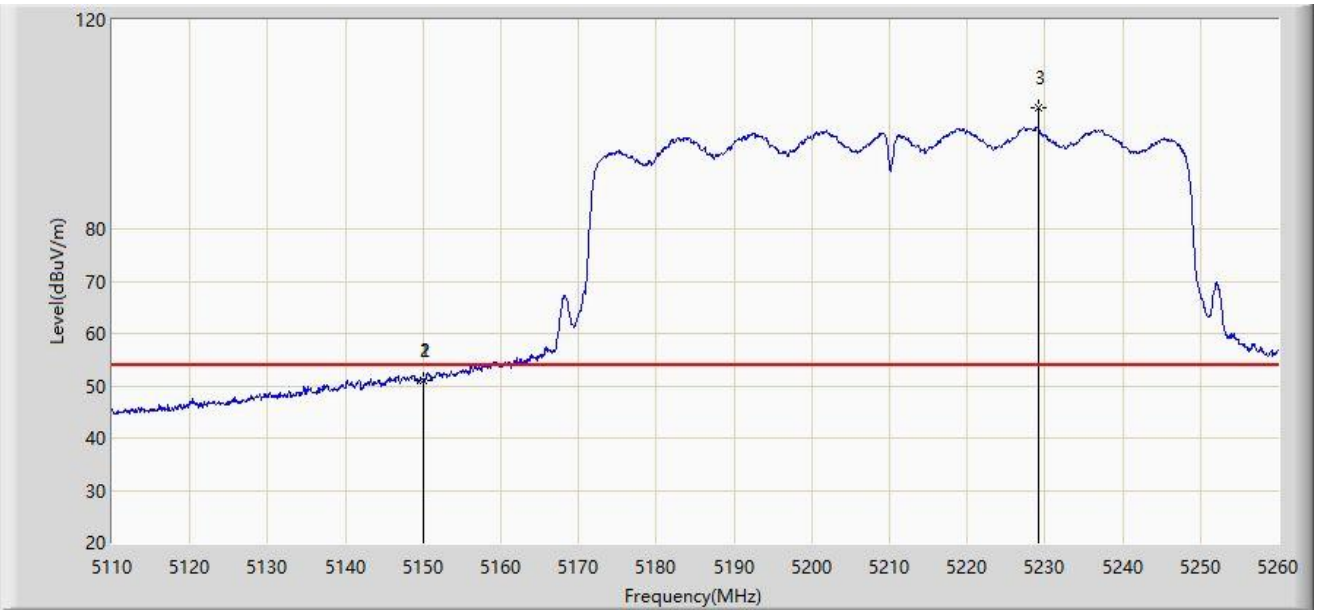
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5148.550	64.716	60.611	-9.284	74.000	4.105	PK
2		5150.000	60.393	56.324	-13.607	74.000	4.069	PK
3		5201.275	107.123	103.343	N/A	N/A	3.780	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5210MHz	



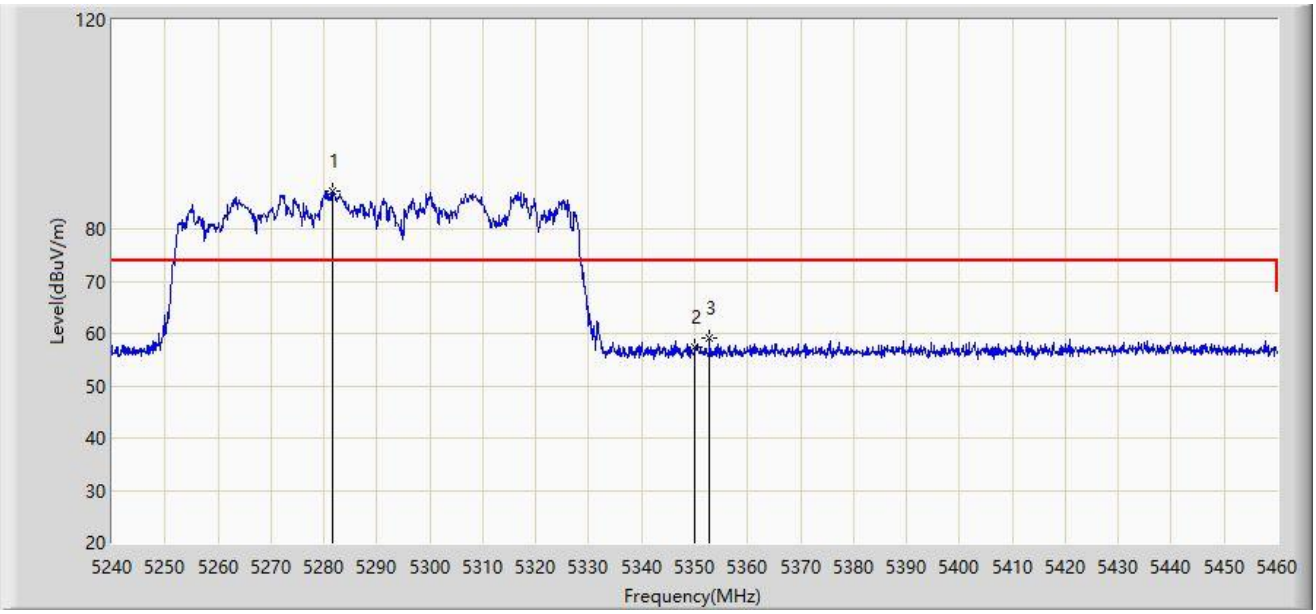
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5150.000	51.007	46.938	-2.993	54.000	4.069	AV
2		5150.000	51.007	46.938	-2.993	54.000	4.069	AV
3		5229.100	103.103	99.441	N/A	N/A	3.662	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Time: 2022/12/07
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	



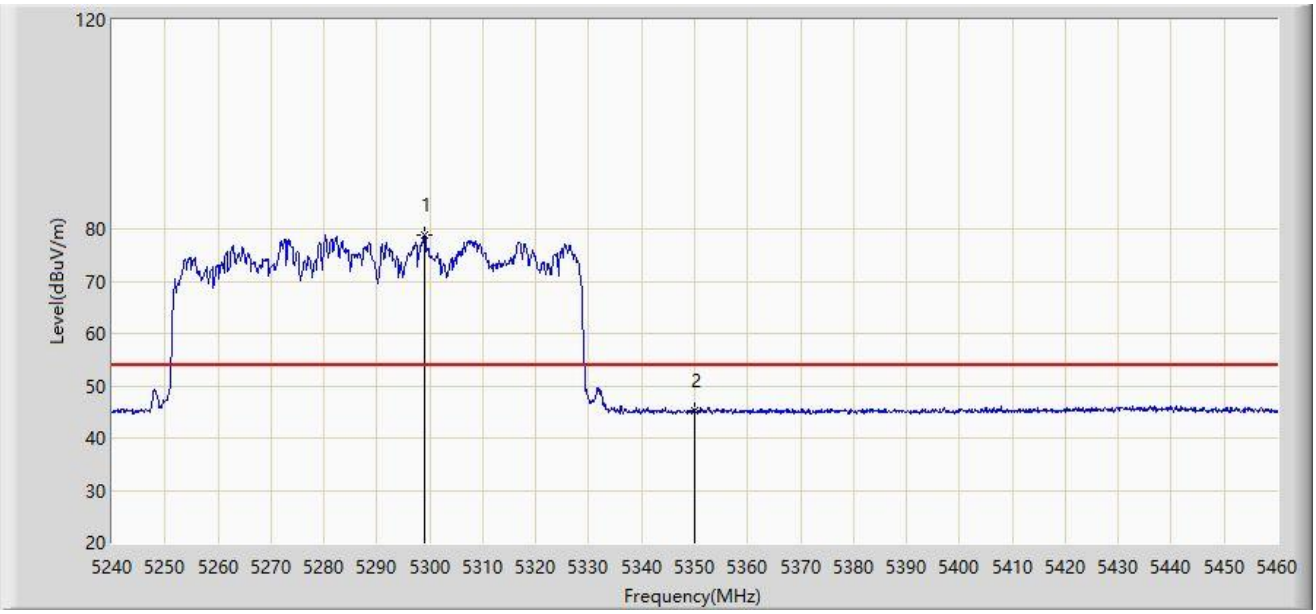
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5281.690	87.120	83.469	N/A	N/A	3.651	PK
2		5350.000	57.410	53.563	-16.590	74.000	3.847	PK
3	*	5352.860	59.027	55.141	-14.973	74.000	3.886	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Time: 2022/12/07
Limit: FCC_5G_RE(3m)	Engineer: Lucas Wang
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	



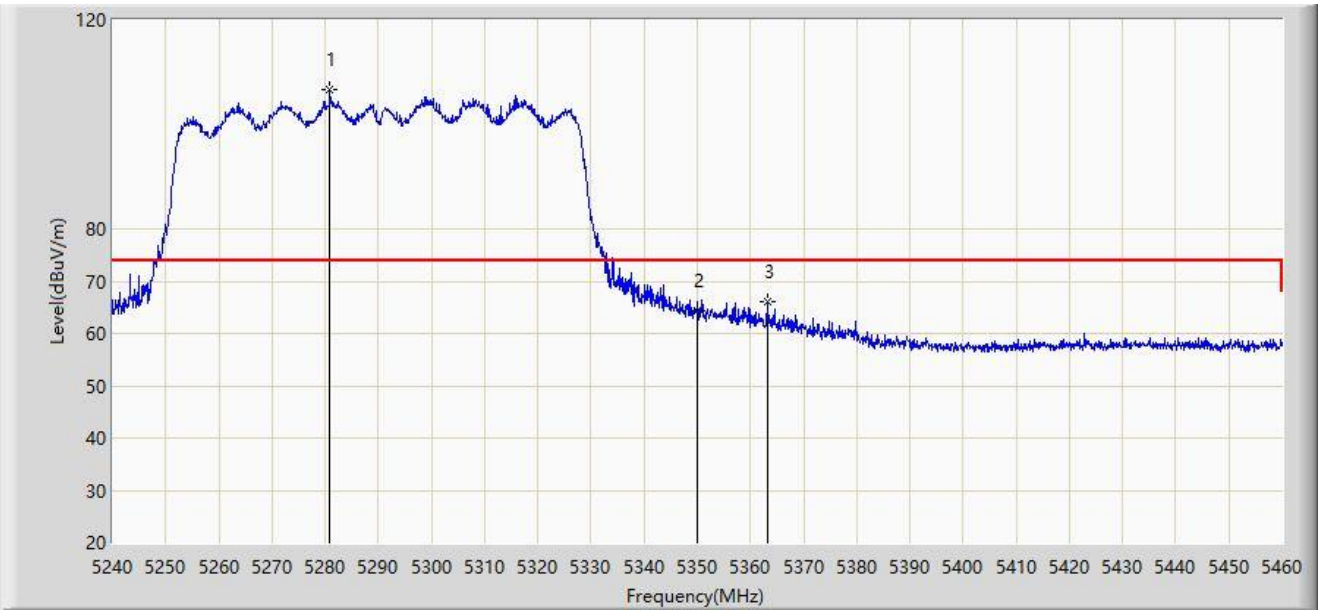
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5299.070	78.796	75.182	N/A	N/A	3.614	AV
2	*	5350.000	45.261	41.414	-8.739	54.000	3.847	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Time: 2022/12/07
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	



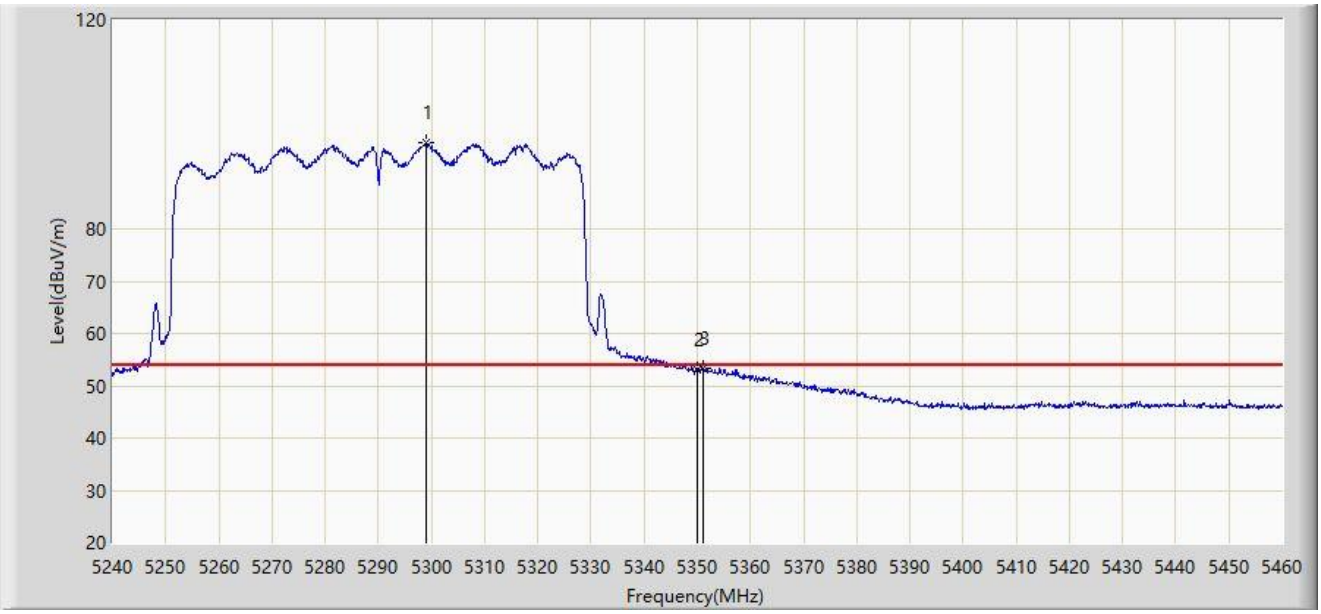
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5280.920	106.725	103.081	N/A	N/A	3.644	PK
2		5350.000	64.296	60.449	-9.704	74.000	3.847	PK
3	*	5363.200	66.138	62.212	-7.862	74.000	3.926	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Time: 2022/12/07
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5290MHz	



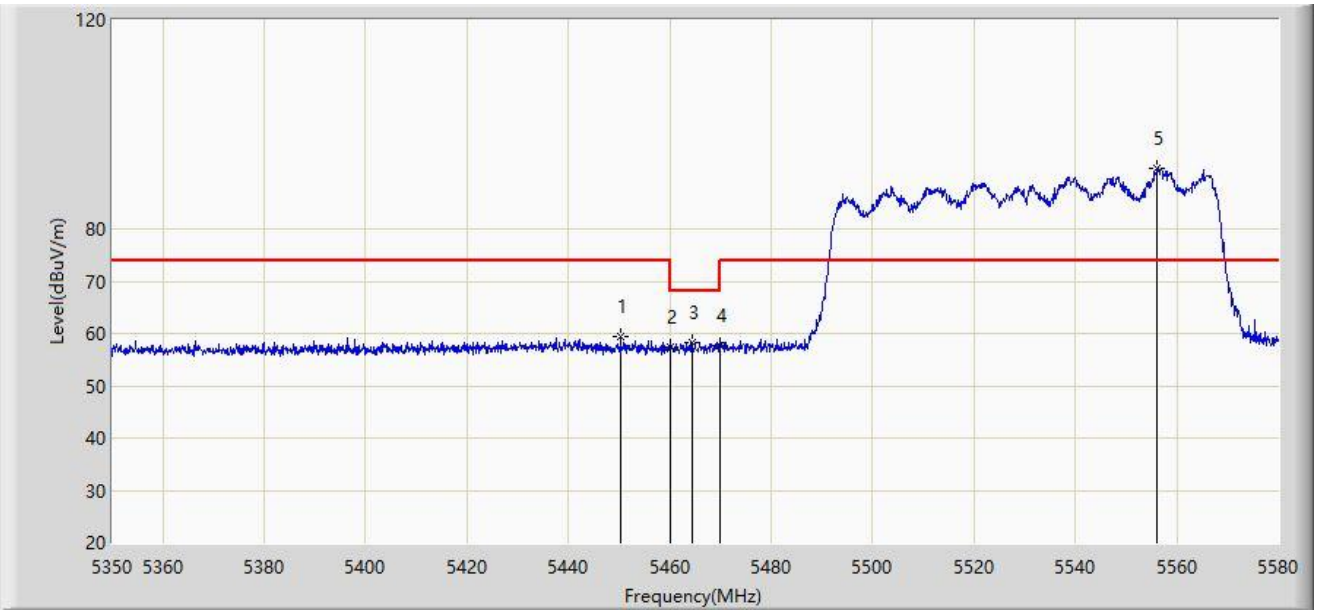
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5299.070	96.558	92.944	N/A	N/A	3.614	AV
2		5350.000	53.034	49.187	-0.966	54.000	3.847	AV
3	*	5351.100	53.409	49.543	-0.591	54.000	3.866	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



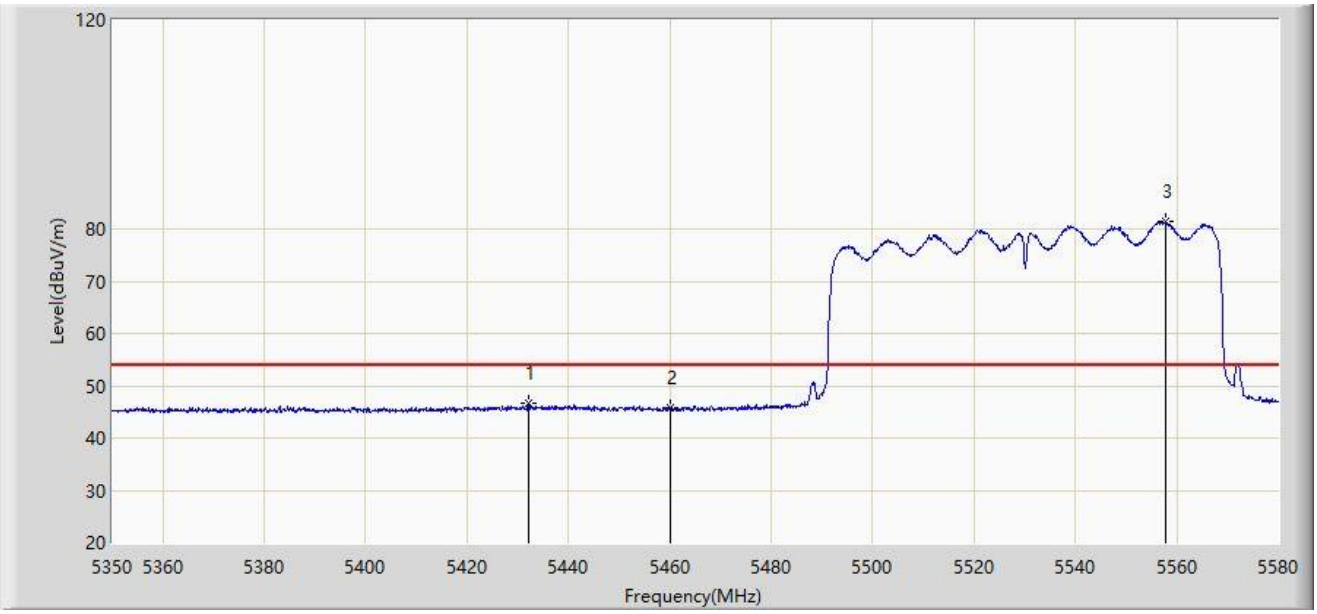
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5450.280	59.294	55.334	-14.706	74.000	3.959	PK
2		5460.000	57.253	53.425	-16.747	74.000	3.828	PK
3	*	5464.540	58.355	54.547	-9.845	68.200	3.809	PK
4		5470.000	57.787	54.003	-10.413	68.200	3.785	PK
5		5556.080	91.585	87.316	N/A	N/A	4.269	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



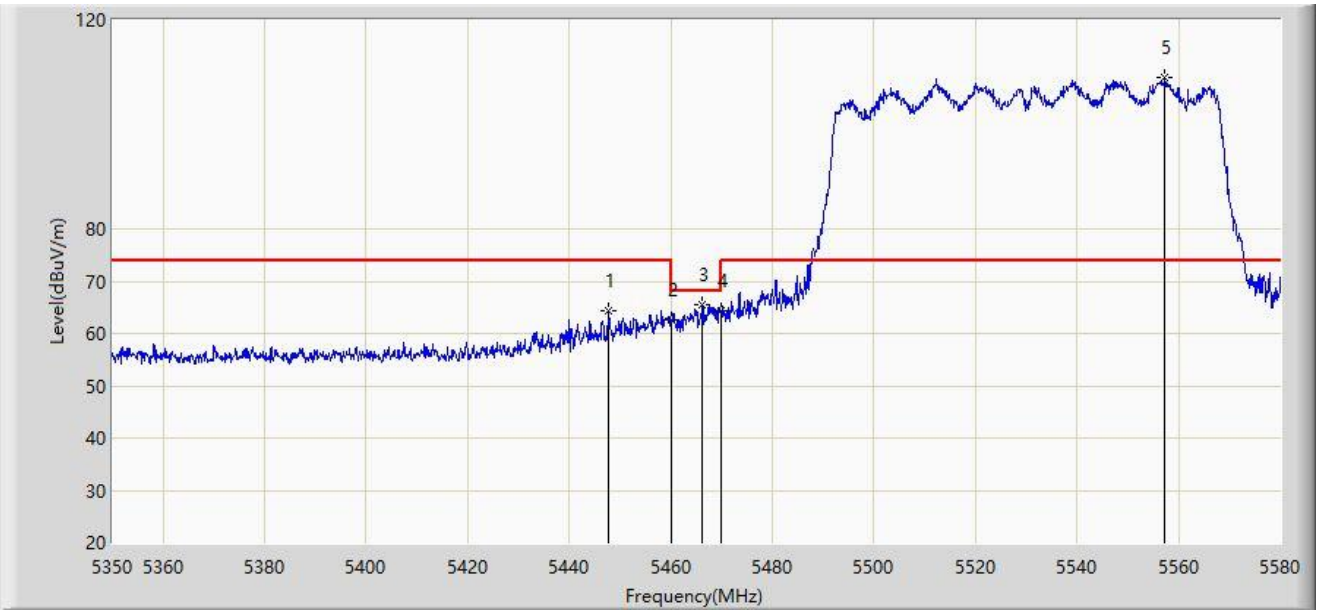
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5432.225	46.588	42.355	-7.412	54.000	4.233	AV
2		5460.000	45.831	42.003	-8.169	54.000	3.828	AV
3		5557.805	81.480	77.188	N/A	N/A	4.292	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



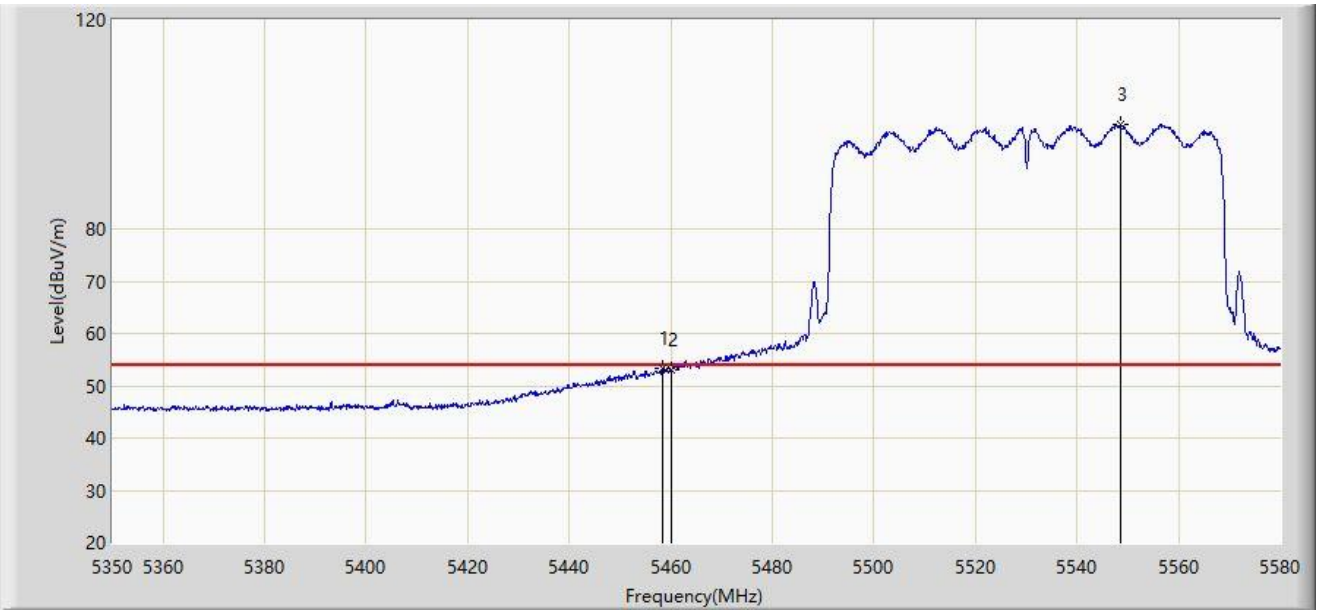
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5447.750	64.445	60.423	-9.555	74.000	4.022	PK
2		5460.000	62.649	58.821	-11.351	74.000	3.828	PK
3	*	5466.265	65.507	61.706	-2.693	68.200	3.800	PK
4		5470.000	64.254	60.470	-3.946	68.200	3.785	PK
5		5557.230	109.020	104.736	N/A	N/A	4.285	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



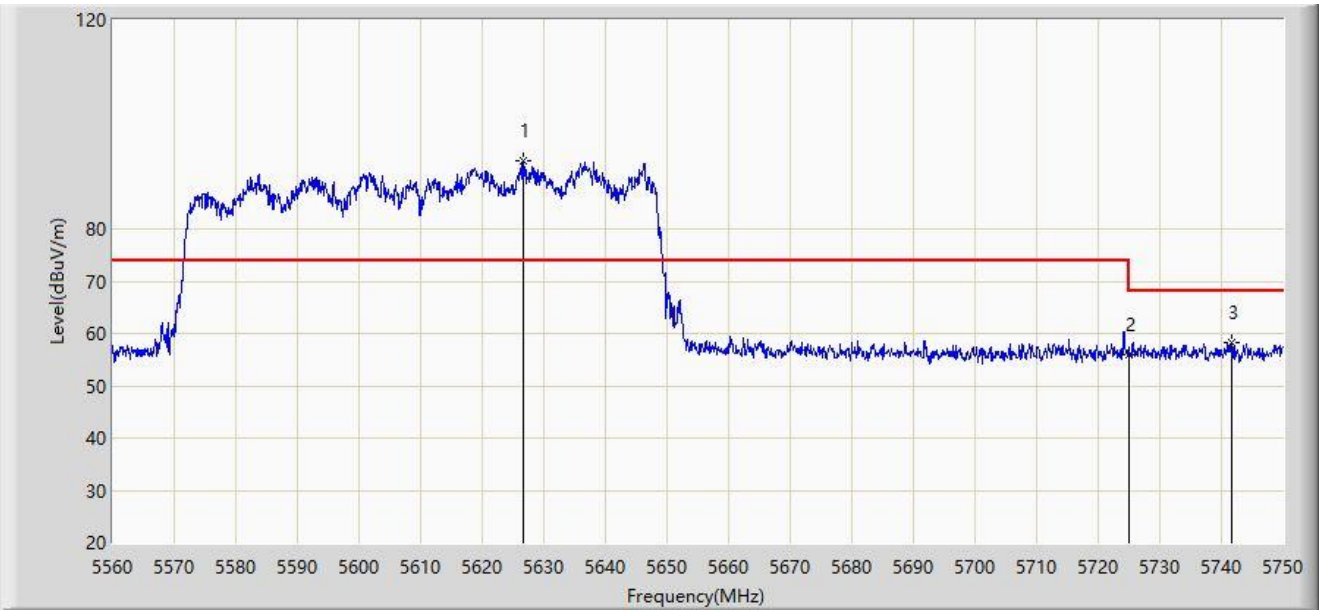
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1	*	5458.330	53.413	49.577	-0.587	54.000	3.836	AV
2		5460.000	53.184	49.356	-0.816	54.000	3.828	AV
3		5548.605	100.101	96.041	N/A	N/A	4.061	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5610MHz	



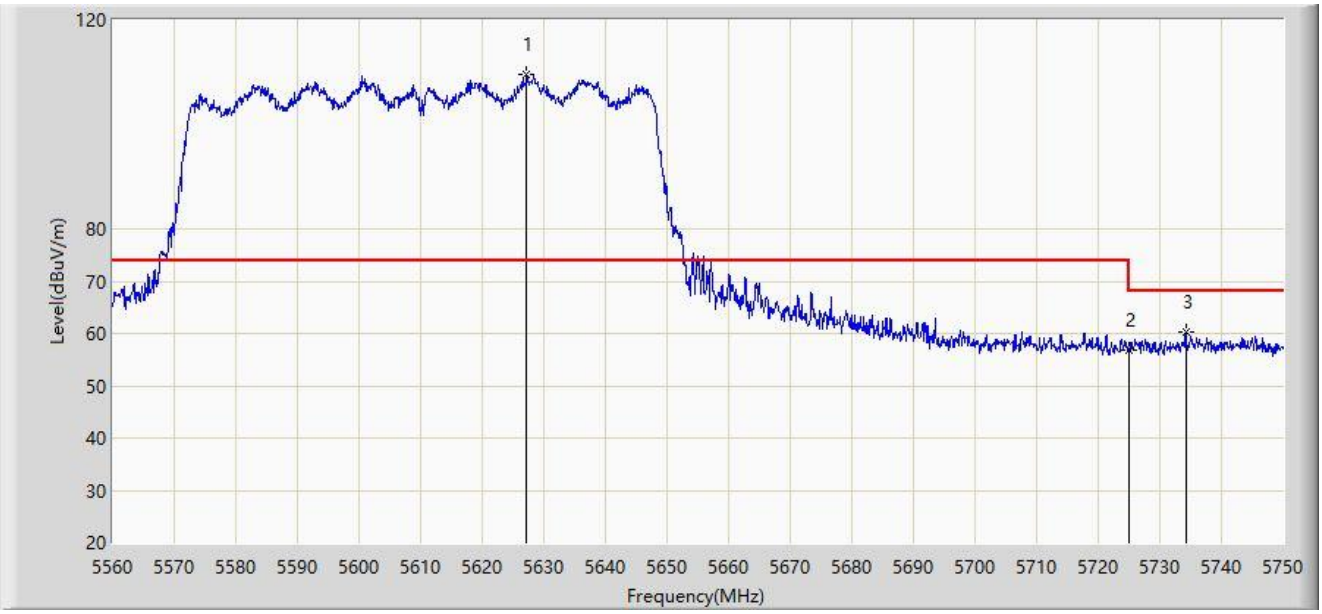
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5626.595	92.958	88.258	N/A	N/A	4.699	PK
2		5725.000	55.957	50.481	-12.243	68.200	5.476	PK
3	*	5741.640	58.217	52.627	-9.983	68.200	5.590	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5610MHz	



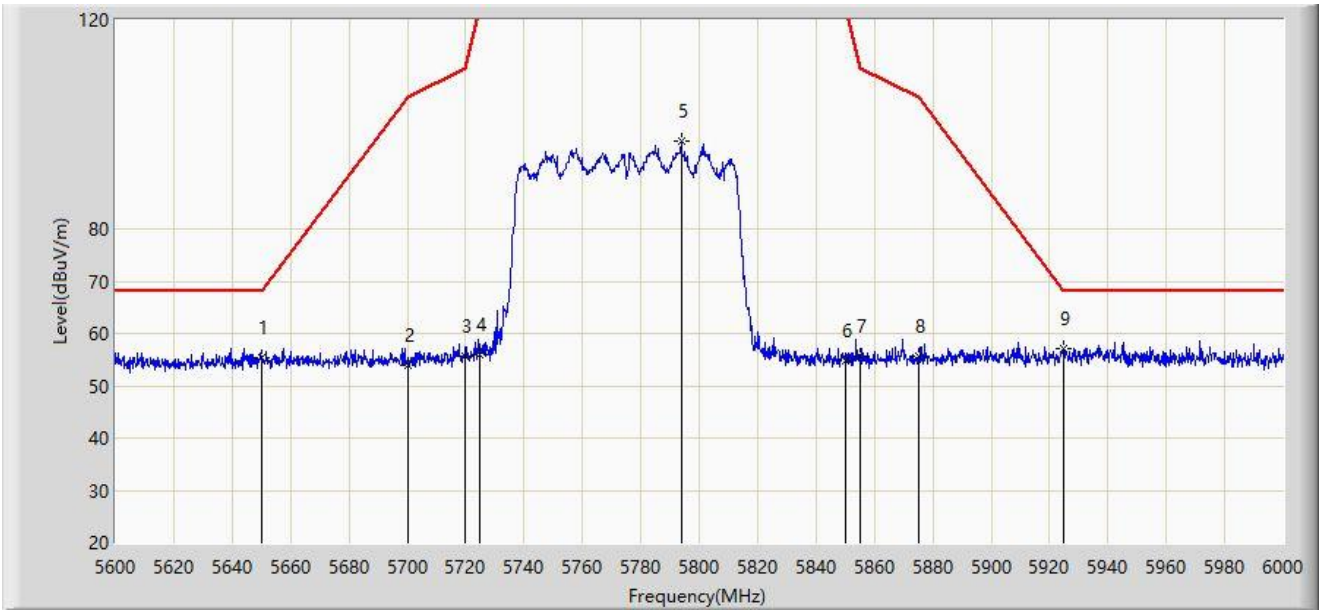
No	Mark	Frequency (MHz)	Measure Level (dBµV/m)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV/m)	Factor (dB/m)	Type
1		5627.260	109.542	104.826	N/A	N/A	4.716	PK
2		5725.000	56.752	51.276	-11.448	68.200	5.476	PK
3	*	5734.230	60.165	54.622	-8.035	68.200	5.543	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV/m) = Reading Level (dBµV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Horizontal
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz	



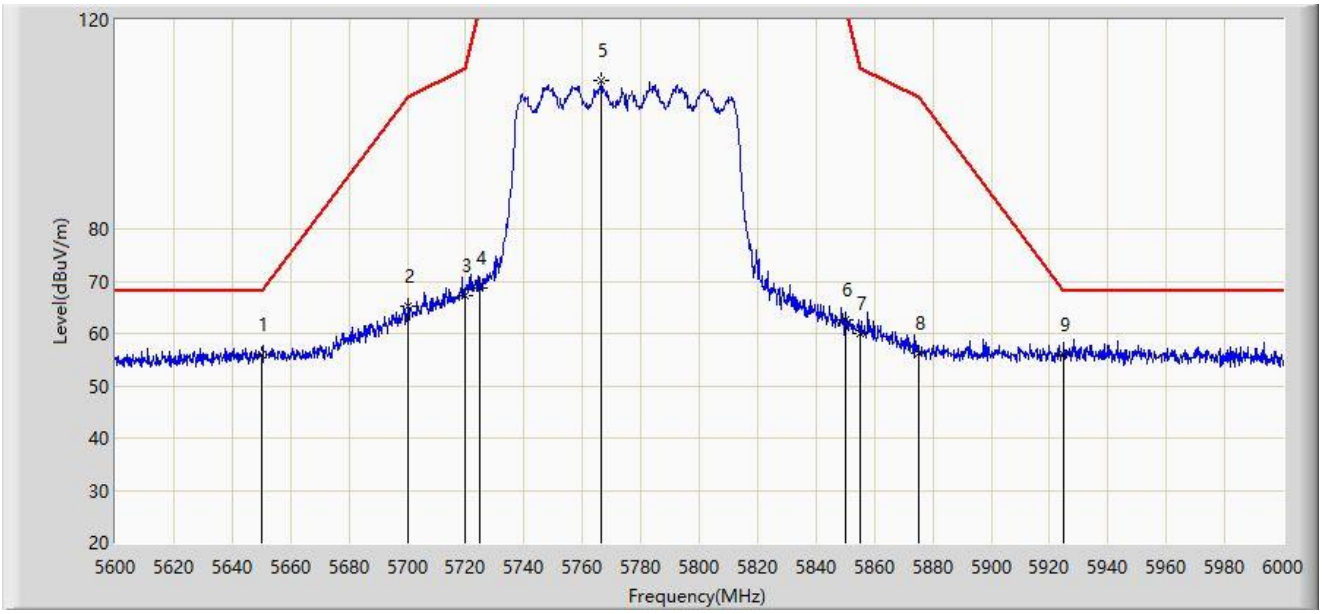
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5650.000	55.490	50.358	-12.710	68.200	5.132	PK
2		5700.000	54.049	48.921	-51.151	105.200	5.129	PK
3		5720.000	55.676	50.284	-55.124	110.800	5.392	PK
4		5725.000	56.042	50.566	-66.158	122.200	5.476	PK
5		5793.800	96.701	90.813	N/A	N/A	5.888	PK
6		5850.000	54.809	49.099	-67.391	122.200	5.710	PK
7		5855.000	55.718	49.928	-55.082	110.800	5.790	PK
8		5875.000	55.657	49.744	-49.543	105.200	5.913	PK
9	*	5925.000	57.132	51.115	-11.068	68.200	6.016	PK

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

Site: WZ-AC2	Test Date: 2022-11-27
Limit: FCC_5.8G_RE(3m)	Engineer: Dick Shen
Probe: BBHA9120D_1457_1-18GHz	Polarity: Vertical
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5775MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5650.000	55.903	50.771	-12.297	68.200	5.132	PK
2		5700.000	65.105	59.977	-40.095	105.200	5.129	PK
3		5720.000	67.290	61.898	-43.510	110.800	5.392	PK
4		5725.000	68.575	63.099	-53.625	122.200	5.476	PK
5		5766.600	108.340	102.916	N/A	N/A	5.424	PK
6		5850.000	62.501	56.791	-59.699	122.200	5.710	PK
7		5855.000	59.960	54.170	-50.840	110.800	5.790	PK
8		5875.000	56.165	50.252	-49.035	105.200	5.913	PK
9	*	5925.000	55.977	49.960	-12.223	68.200	6.016	PK

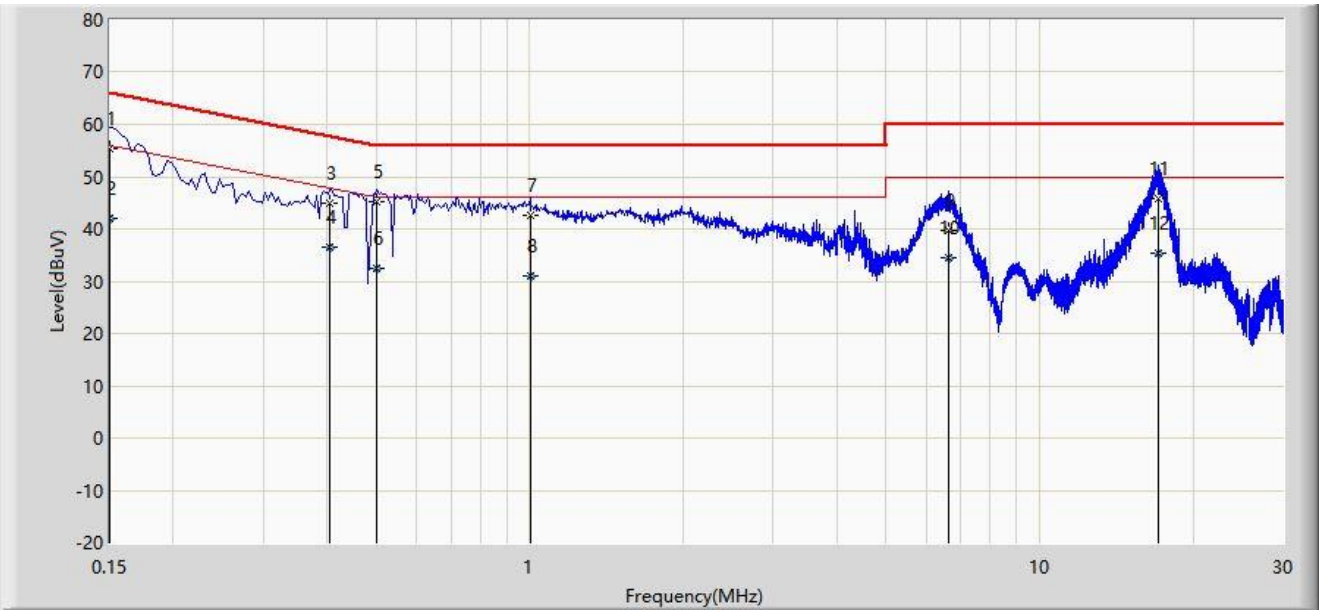
Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV/m) = Reading Level (dBμV) + Factor (dB/m).

Note 3: Factor (dB/m) = Cable Loss (dB) + Antenna Factor (dB/m) - Pre_Amplifier Gain (dB).

A.9 AC Conducted Emissions Test Result

Site: WZ-SR2	Test Date: 2022-12-19
Limit: FCC_Part15.207_CE_AC Power	Engineer: Helen Han
Probe: ENV216_101683_Filter Off_C	Polarity: Line
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



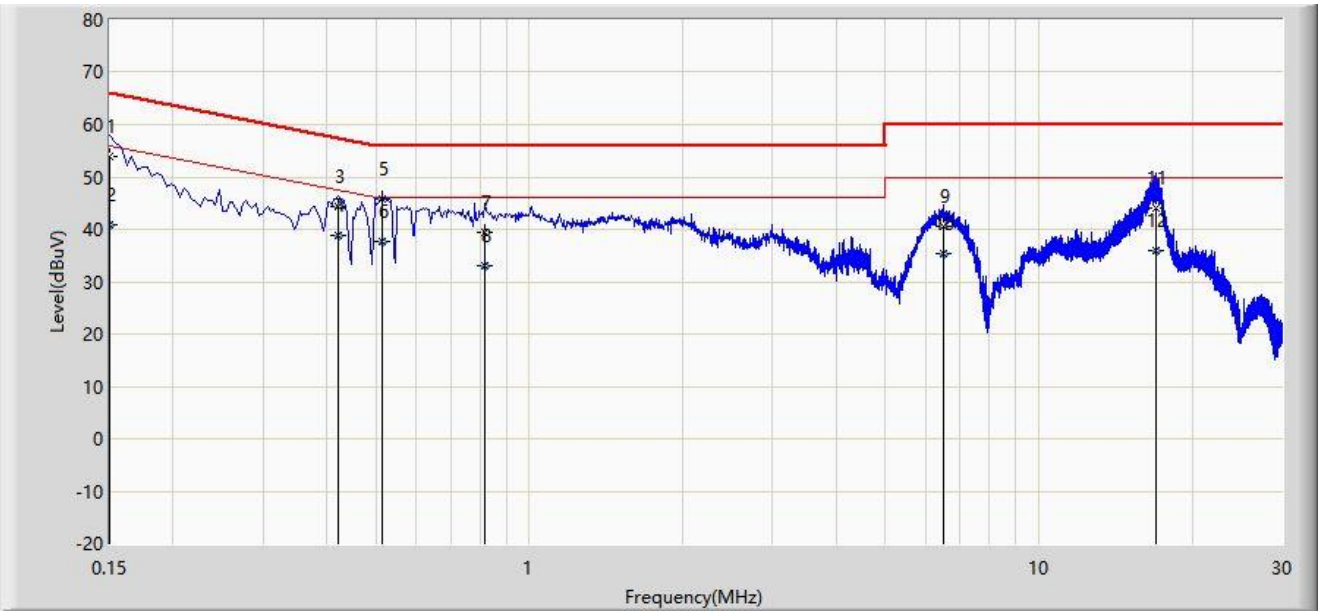
No	Mark	Frequency (MHz)	Measure Level (dBµV)	Reading Level (dBµV)	Margin (dB)	Limit (dBµV)	Factor (dB)	Type
1	*	0.150	55.439	45.712	-10.561	66.000	9.728	QP
2		0.150	42.122	32.394	-13.878	56.000	9.728	AV
3		0.406	44.862	35.090	-12.868	57.730	9.771	QP
4		0.406	36.421	26.649	-11.309	47.730	9.771	AV
5		0.502	45.127	35.335	-10.873	56.000	9.792	QP
6		0.502	32.442	22.650	-13.558	46.000	9.792	AV
7		1.002	42.596	32.746	-13.404	56.000	9.850	QP
8		1.002	31.071	21.221	-14.929	46.000	9.850	AV
9		6.626	39.783	29.359	-20.217	60.000	10.425	QP
10		6.626	34.457	24.033	-15.543	50.000	10.425	AV
11		17.106	45.845	35.142	-14.155	60.000	10.703	QP
12		17.106	35.418	24.715	-14.582	50.000	10.703	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBµV) = Reading Level (dBµV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Site: WZ-SR2	Test Date: 2022-12-19
Limit: FCC_Part15.207_CE_AC Power	Engineer: Helen Han
Probe: ENV216_101683_Filter Off_C	Polarity: Neutral
EUT: AC1300 Dual Antennas High Gain Wireless USB Adapter	Power: By PC
Test Mode: Transmit by 802.11ac-VHT80 at Channel 5530MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.150	54.015	44.255	-11.985	66.000	9.760	QP
2		0.150	40.997	31.237	-15.003	56.000	9.760	AV
3		0.422	44.227	34.412	-13.182	57.409	9.815	QP
4		0.422	38.699	28.885	-8.709	47.409	9.815	AV
5		0.514	45.905	36.074	-10.095	56.000	9.832	QP
6	*	0.514	37.574	27.742	-8.426	46.000	9.832	AV
7		0.818	39.513	29.672	-16.487	56.000	9.841	QP
8		0.818	33.164	23.323	-12.836	46.000	9.841	AV
9		6.514	40.583	30.142	-19.417	60.000	10.442	QP
10		6.514	35.344	24.902	-14.656	50.000	10.442	AV
11		16.942	44.085	33.395	-15.915	60.000	10.690	QP
12		16.942	35.919	25.229	-14.081	50.000	10.690	AV

Note 1: " * ", means this data is the worst emission level.

Note 2: Measure Level (dBμV) = Reading Level (dBμV) + Factor (dB).

Note 3: Factor (dB) = Cable Loss (dB) + LISN Factor (dB).

Appendix B – Test Setup Photograph

Refer to “2211RSU036-UT” file.

Appendix C – EUT Photograph

Refer to “2211RSU036-UE” file.

The End