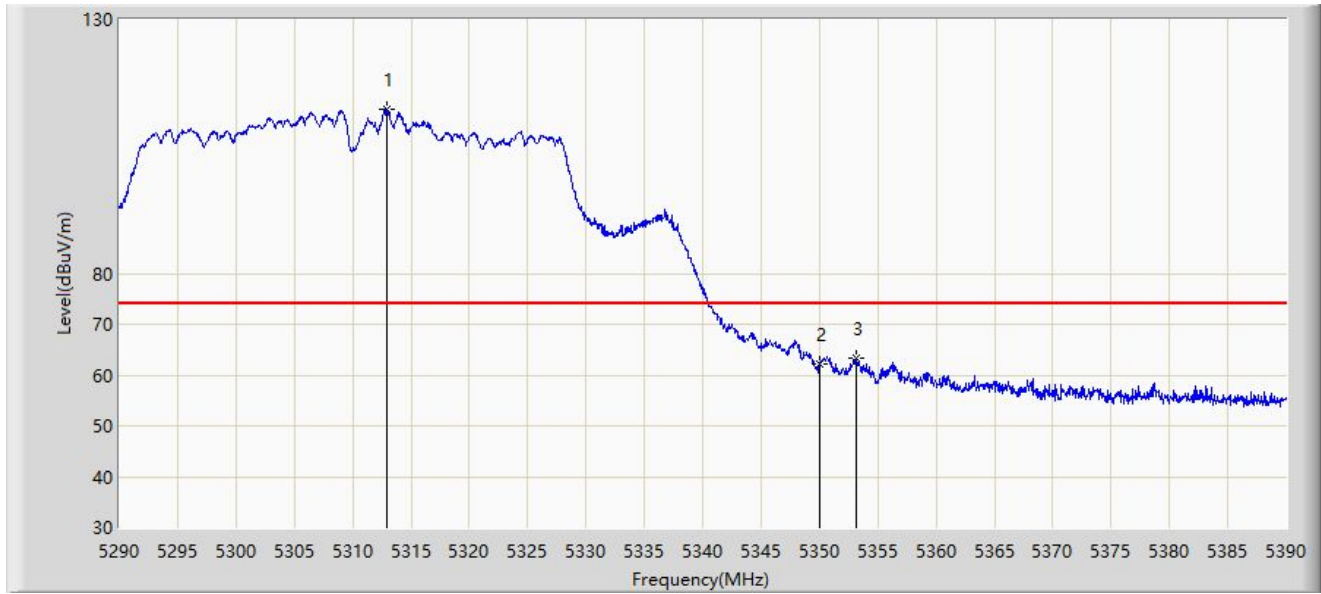


Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



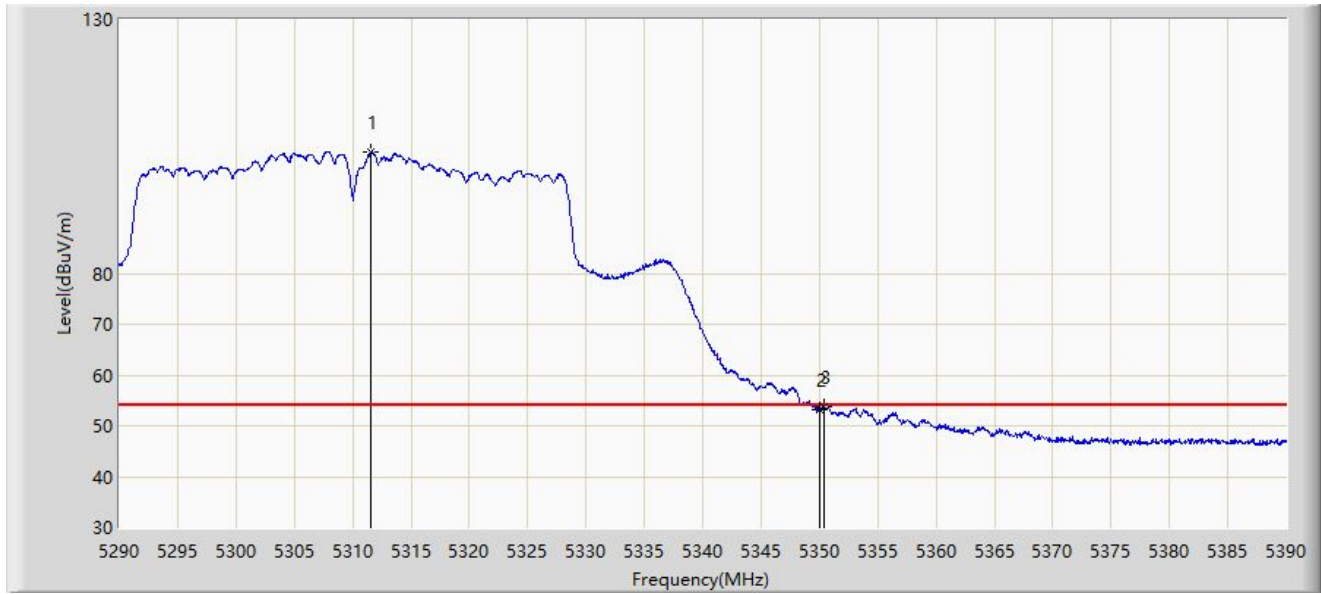
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5312.950	112.209	65.782	N/A	N/A	46.427	PK
2		5350.000	62.163	63.613	-11.837	74.000	-1.451	PK
3	*	5353.100	63.327	66.048	-10.673	74.000	-2.722	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



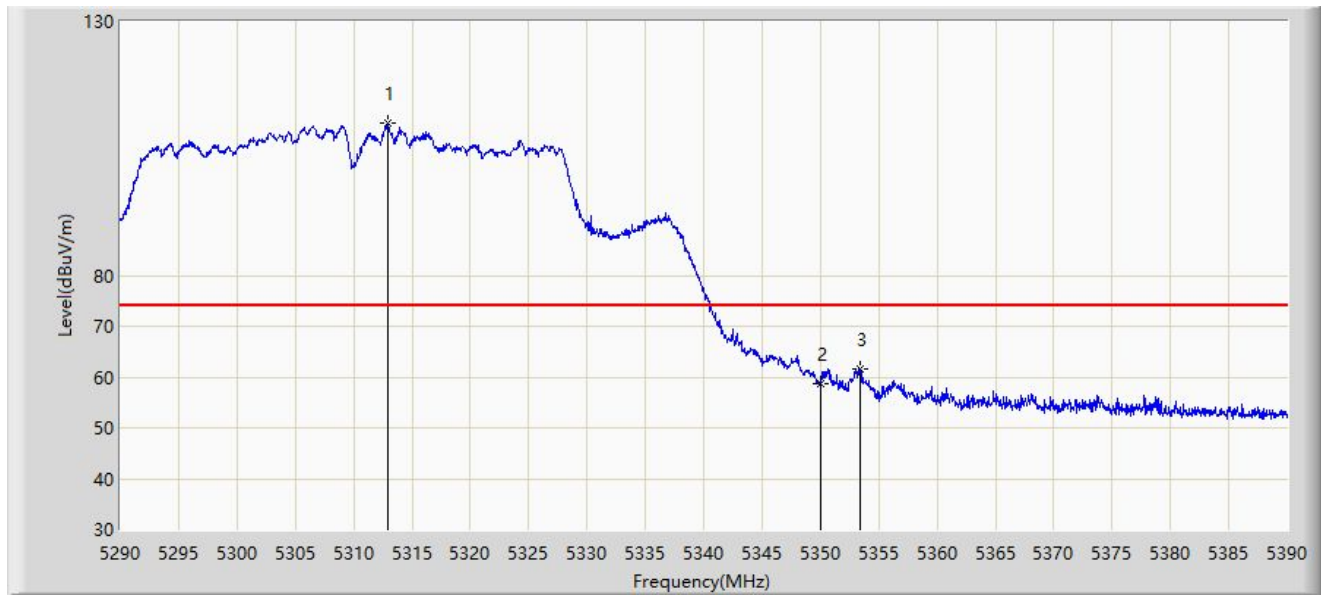
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5311.500	103.783	59.381	N/A	N/A	44.402	AV
2		5350.000	53.203	54.653	-0.797	54.000	-1.451	AV
3	*	5350.450	53.813	55.503	-0.187	54.000	-1.690	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



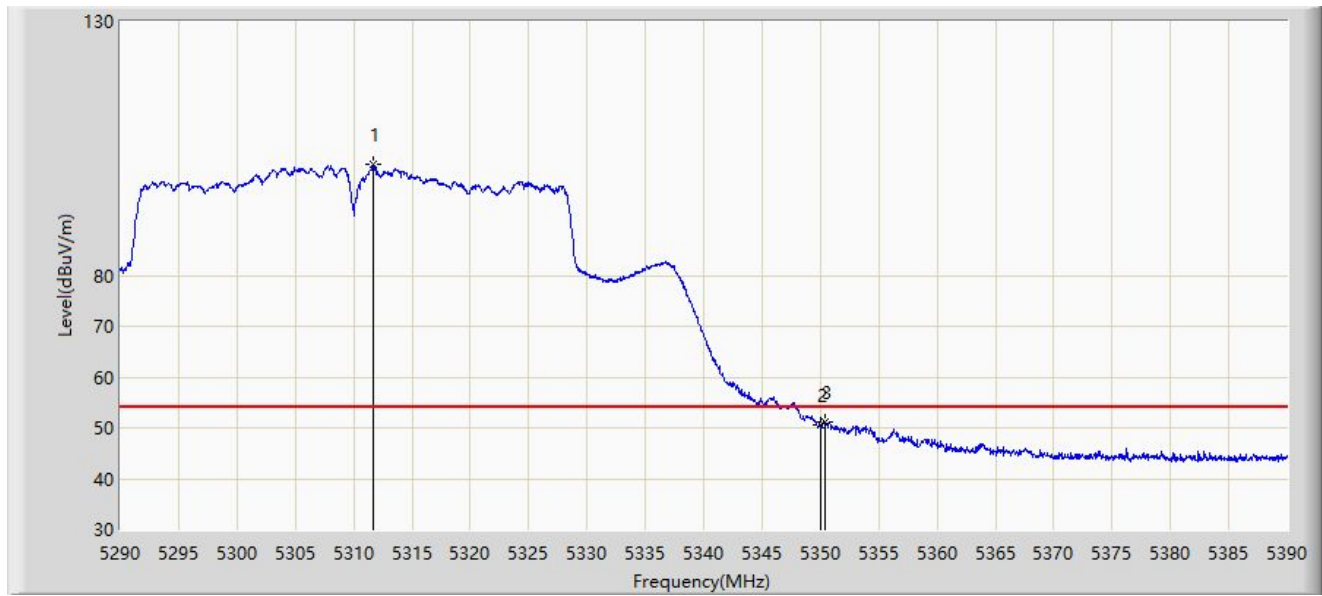
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5312.950	109.915	63.488	N/A	N/A	46.427	PK
2		5350.000	58.773	60.223	-15.227	74.000	-1.451	PK
3	*	5353.450	61.722	64.560	-12.278	74.000	-2.837	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



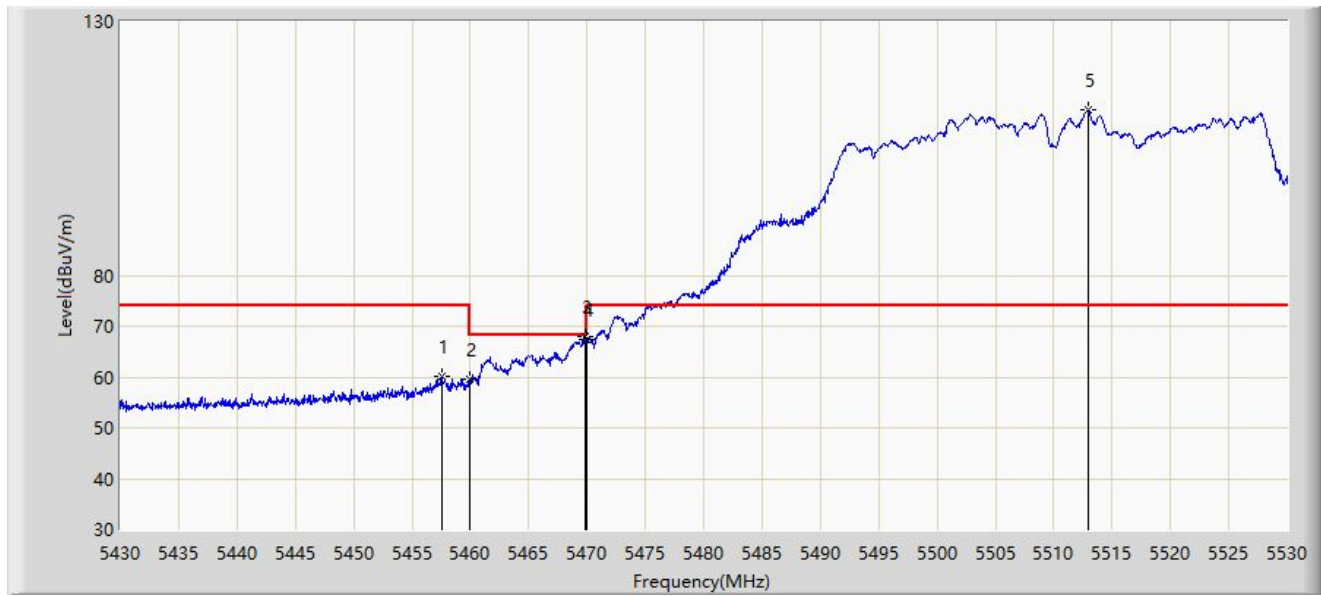
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5311.650	101.766	57.143	N/A	N/A	44.623	AV
2		5350.000	50.582	52.032	-3.418	54.000	-1.451	AV
3	*	5350.400	51.252	52.916	-2.748	54.000	-1.665	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



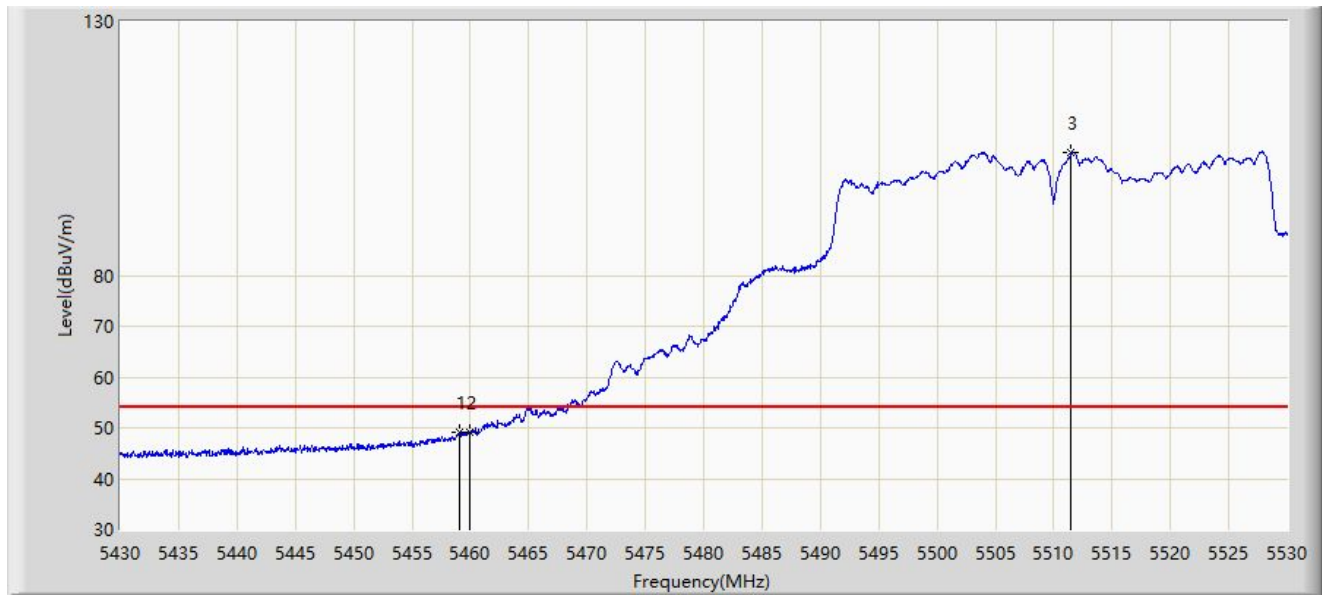
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.550	60.271	64.181	-13.729	74.000	-3.910	PK
2		5460.000	59.611	63.286	-8.589	68.200	-3.675	PK
3	*	5469.900	67.995	69.961	-0.205	68.200	-1.966	PK
4		5470.000	67.337	69.269	-0.863	68.200	-1.932	PK
5		5512.900	112.476	71.448	N/A	N/A	41.028	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



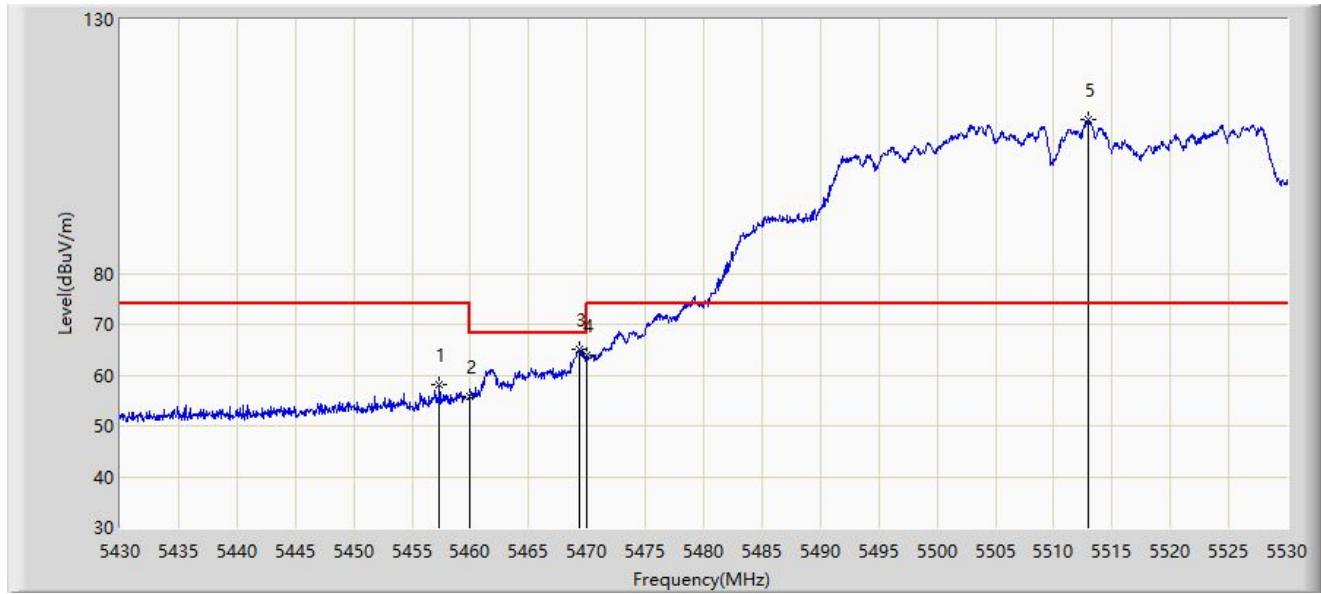
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.050	49.220	53.008	-4.780	54.000	-3.788	AV
2		5460.000	49.072	52.747	-4.928	54.000	-3.675	AV
3		5511.500	104.207	64.648	N/A	N/A	39.559	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



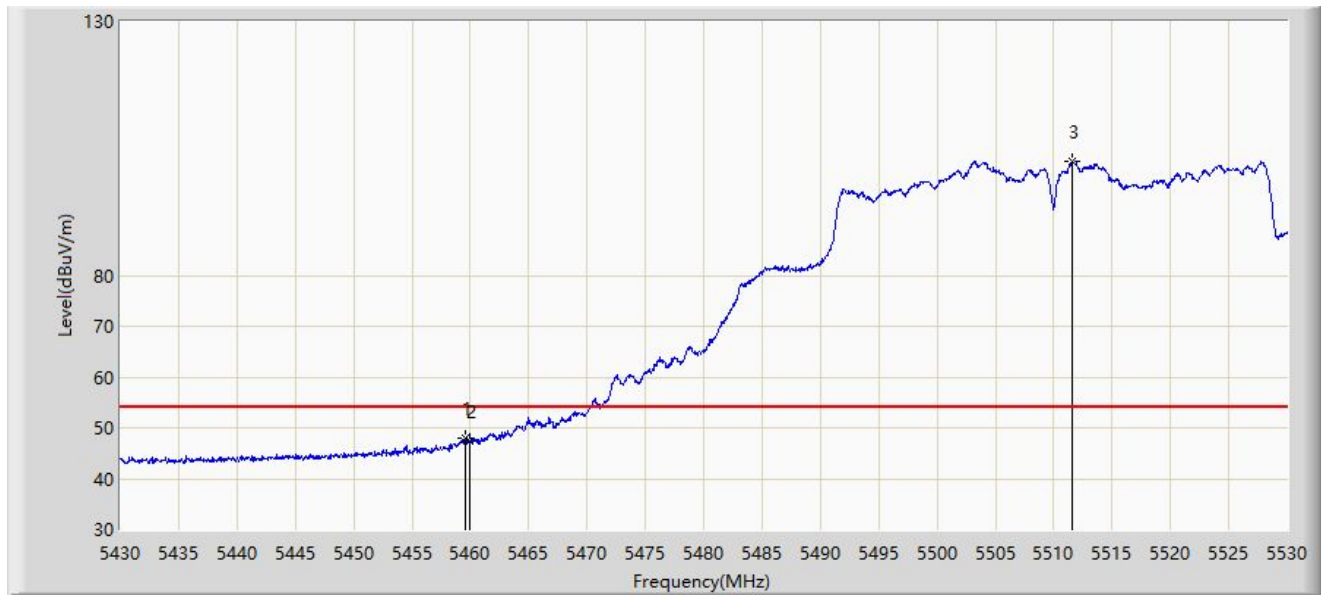
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5457.350	58.147	62.050	-15.853	74.000	-3.904	PK
2		5460.000	55.757	59.432	-12.443	68.200	-3.675	PK
3	*	5469.300	64.947	67.080	-3.253	68.200	-2.132	PK
4		5470.000	63.910	65.842	-4.290	68.200	-1.932	PK
5		5513.000	110.292	69.135	N/A	N/A	41.157	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.600	47.850	51.581	-6.150	54.000	-3.731	AV
2		5460.000	47.264	50.939	-6.736	54.000	-3.675	AV
3		5511.550	102.390	62.814	N/A	N/A	39.576	AV

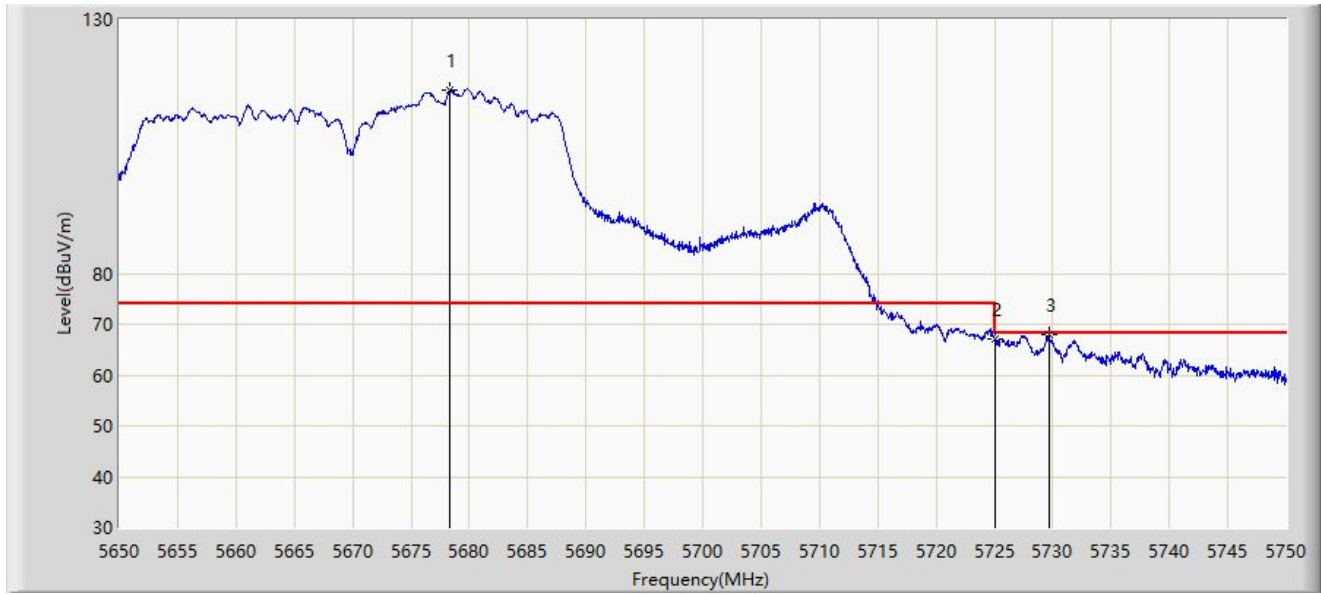
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



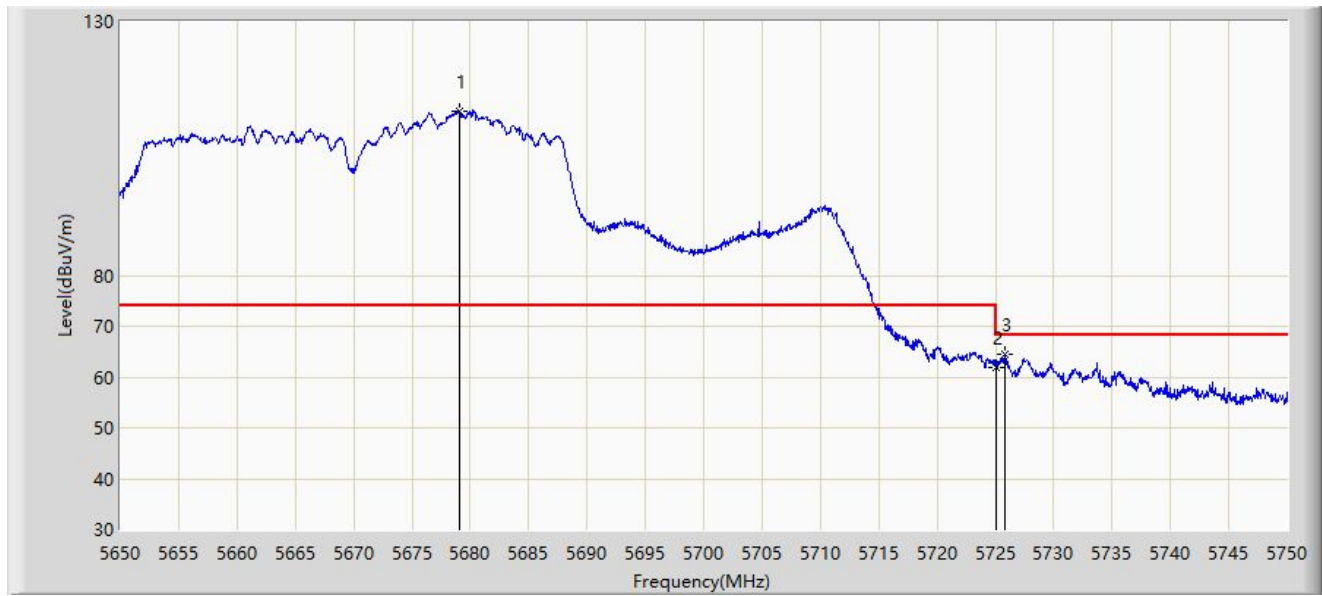
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5678.350	116.227	75.526	N/A	N/A	40.701	PK
2		5725.000	66.975	68.570	-1.225	68.200	-1.596	PK
3	*	5729.700	67.992	71.319	-0.208	68.200	-3.327	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



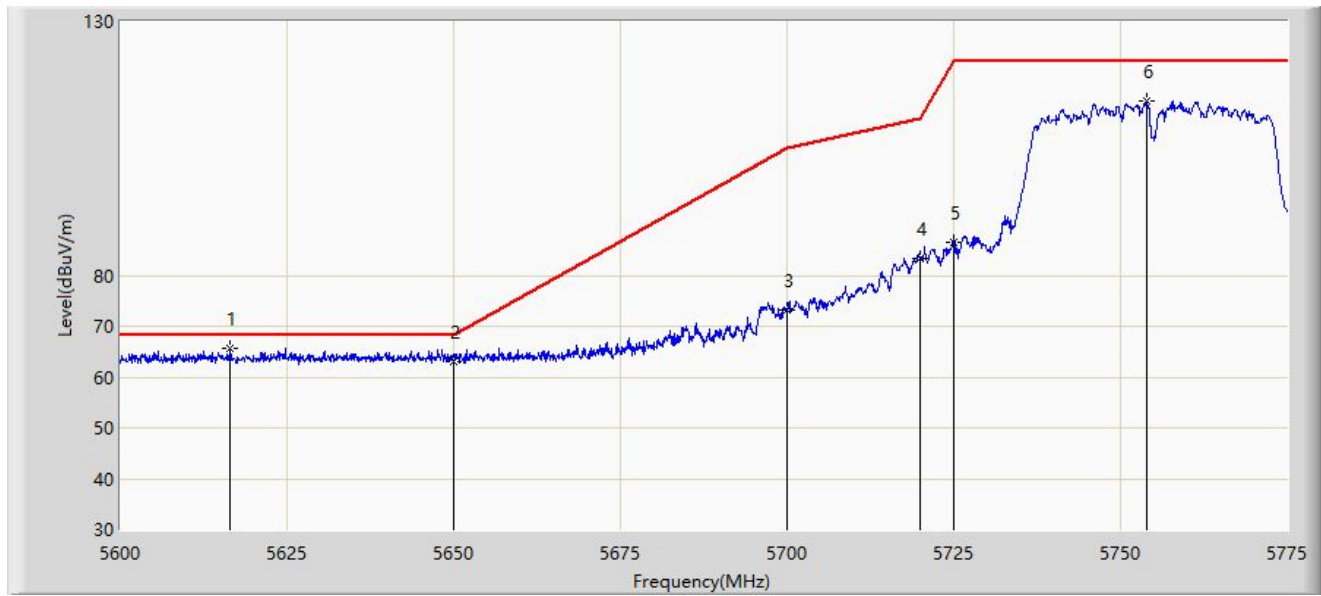
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5679.050	112.459	70.588	N/A	N/A	41.871	PK
2		5725.000	62.020	63.615	-6.180	68.200	-1.596	PK
3	*	5725.850	64.529	66.591	-3.671	68.200	-2.062	PK

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: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



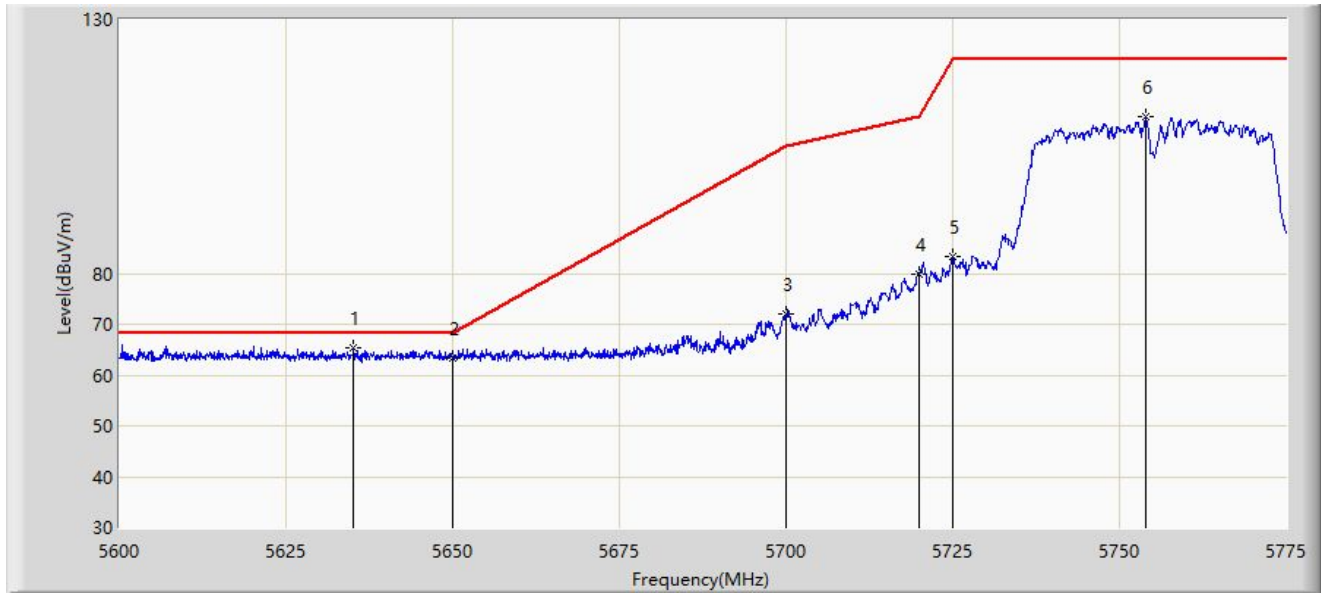
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5616.538	65.648	73.764	-2.552	68.200	-8.116	PK
2		5650.000	63.097	71.202	-5.103	68.200	-8.105	PK
3		5700.000	73.045	80.940	-32.155	105.200	-7.895	PK
4		5720.000	83.475	91.470	-27.325	110.800	-7.996	PK
5		5725.000	86.537	94.518	-35.663	122.200	-7.982	PK
6		5753.913	114.358	122.478	N/A	N/A	-8.121	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5755MHz	



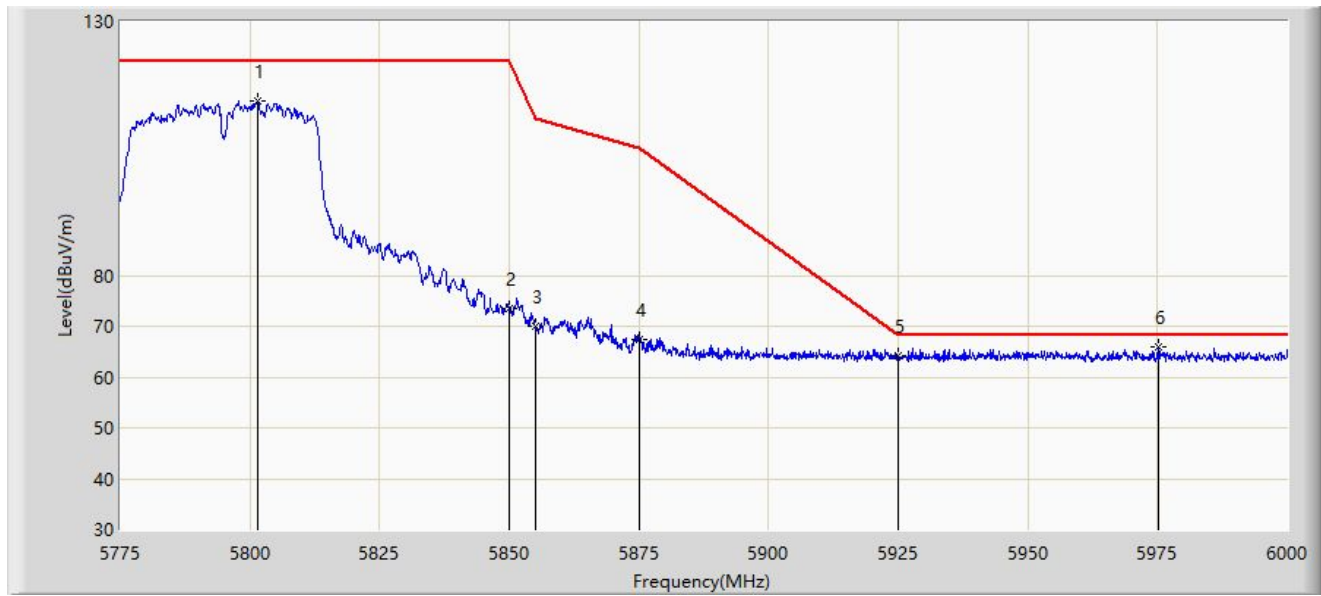
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5635.175	65.451	73.545	-2.749	68.200	-8.094	PK
2		5650.000	63.216	71.321	-4.984	68.200	-8.105	PK
3		5700.000	71.889	79.784	-33.311	105.200	-7.895	PK
4		5720.000	79.936	87.931	-30.864	110.800	-7.996	PK
5		5725.000	83.247	91.228	-38.953	122.200	-7.982	PK
6		5754.000	110.894	119.015	N/A	N/A	-8.122	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



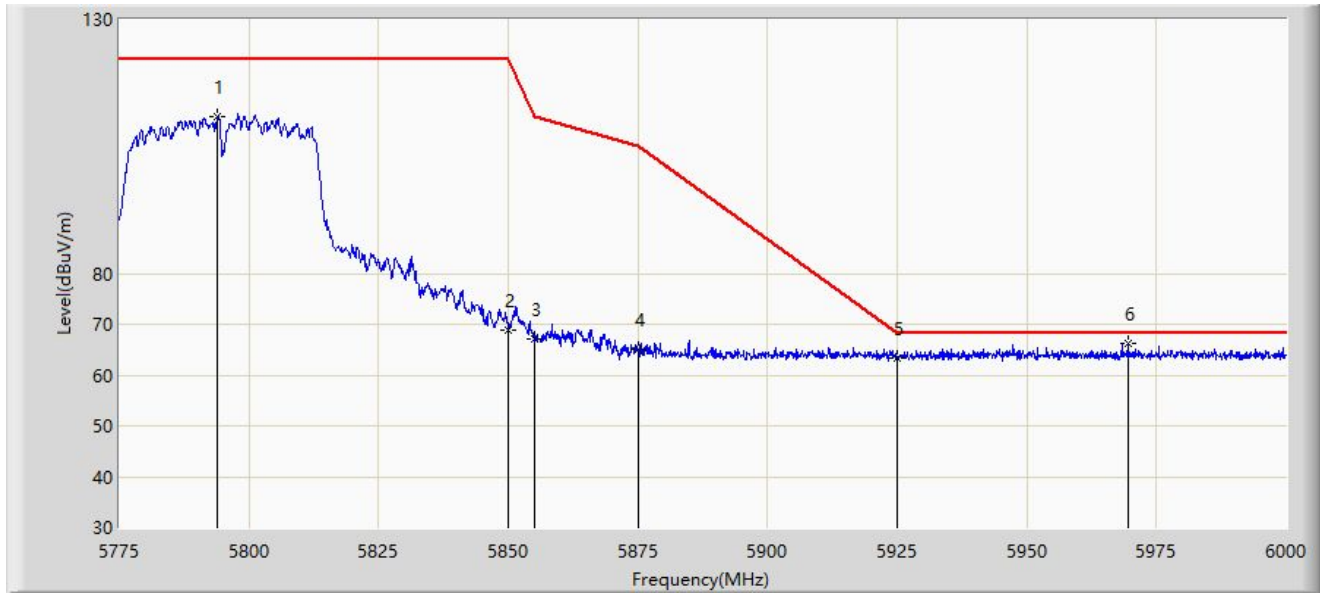
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5801.437	114.480	122.297	N/A	N/A	-7.816	PK
2		5850.000	73.548	81.435	-48.652	122.200	-7.887	PK
3		5855.000	69.921	77.819	-40.879	110.800	-7.898	PK
4		5875.000	67.340	75.251	-37.860	105.200	-7.911	PK
5		5925.000	64.310	72.347	-3.890	68.200	-8.038	PK
6	*	5975.138	65.860	73.722	-2.340	68.200	-7.863	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



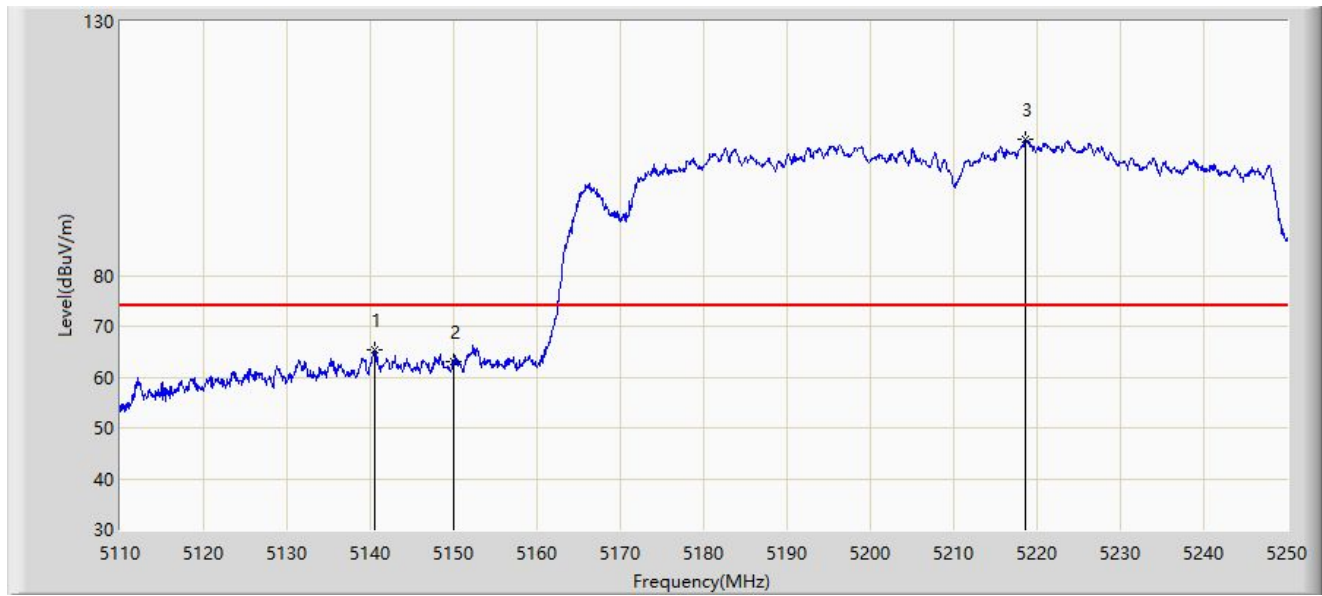
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5794.013	111.000	118.811	N/A	N/A	-7.812	PK
2		5850.000	68.821	76.708	-53.379	122.200	-7.887	PK
3		5855.000	67.034	74.932	-43.766	110.800	-7.898	PK
4		5875.000	65.001	72.912	-40.199	105.200	-7.911	PK
5		5925.000	63.434	71.471	-4.766	68.200	-8.038	PK
6	*	5969.513	66.097	73.980	-2.103	68.200	-7.883	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



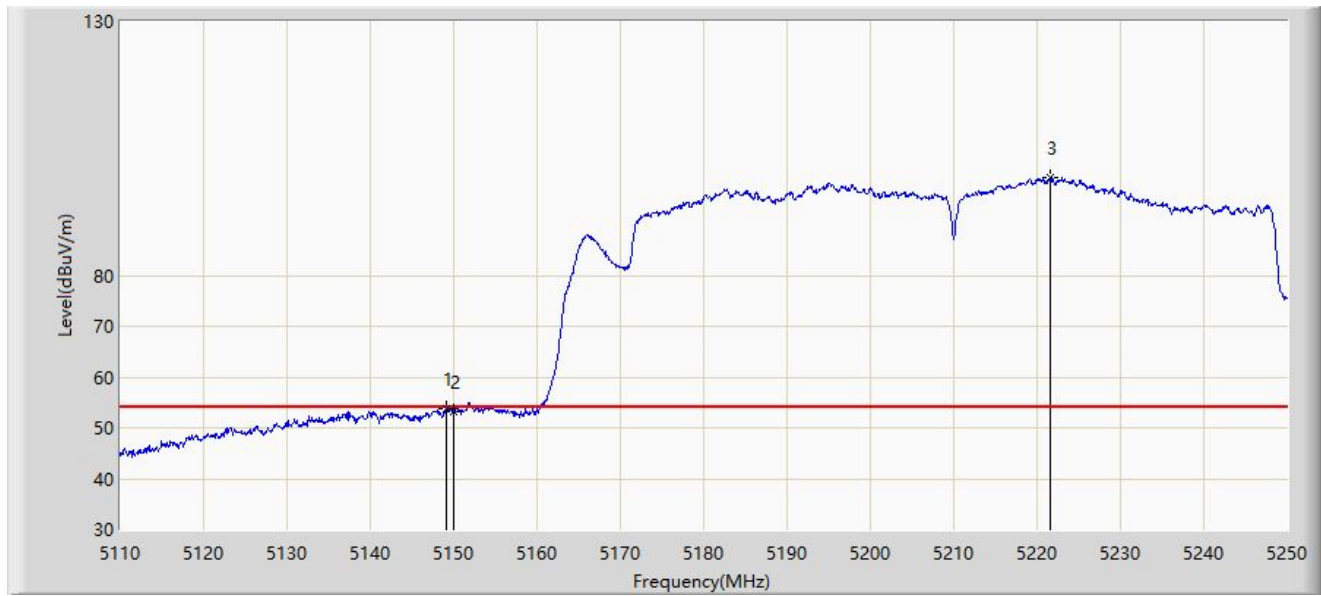
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5140.450	65.307	69.387	-8.693	74.000	-4.080	PK
2		5150.000	62.922	65.947	-11.078	74.000	-3.026	PK
3		5218.570	106.687	63.540	N/A	N/A	43.146	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.200	53.818	57.017	-0.182	54.000	-3.199	AV
2		5150.000	53.276	56.301	-0.724	54.000	-3.026	AV
3		5221.650	99.301	57.531	N/A	N/A	41.770	AV

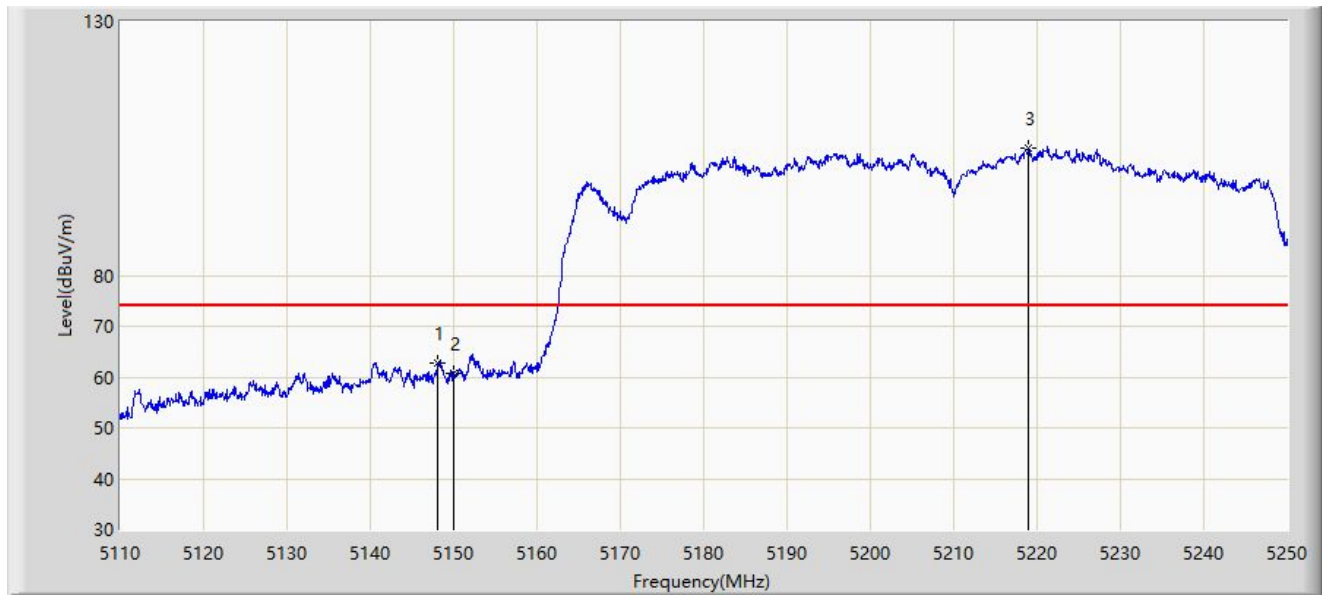
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



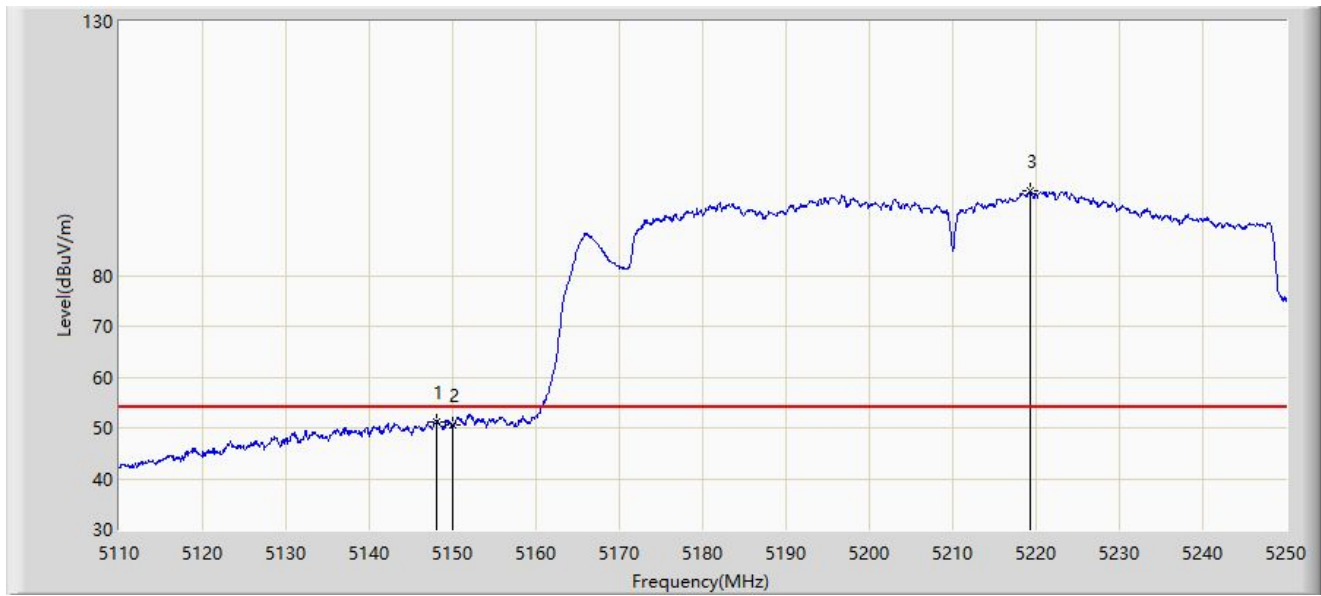
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.150	62.788	66.185	-11.212	74.000	-3.396	PK
2		5150.000	60.794	63.819	-13.206	74.000	-3.026	PK
3		5218.990	104.983	61.267	N/A	N/A	43.716	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



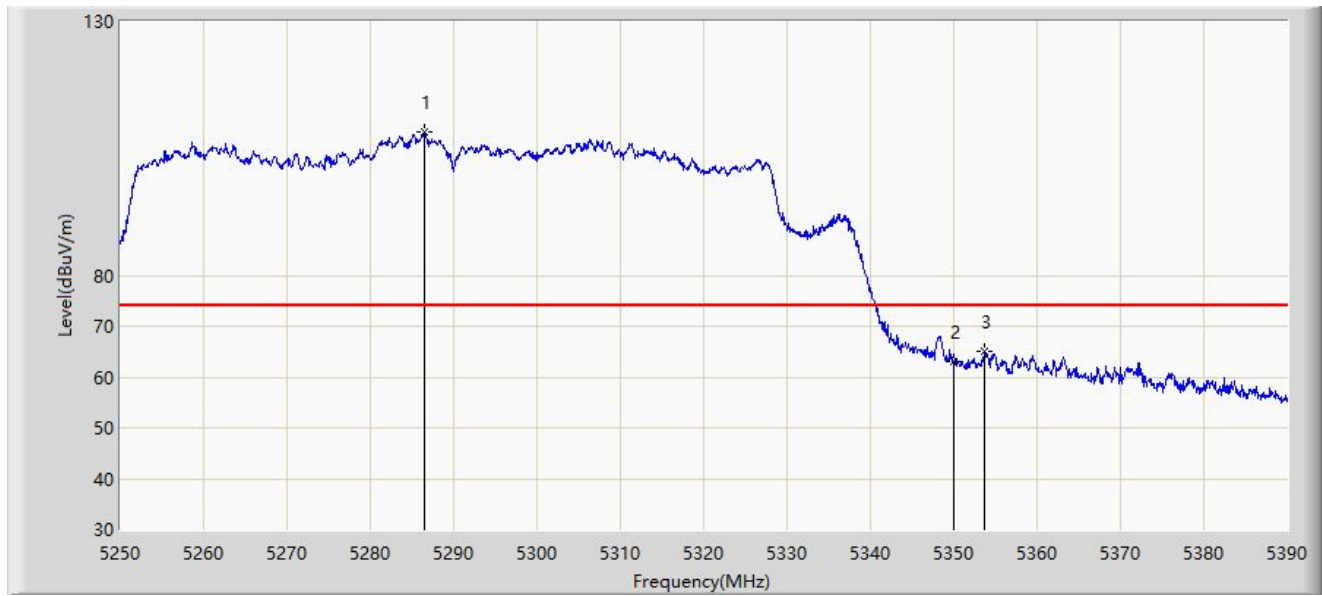
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.080	51.274	54.684	-2.726	54.000	-3.410	AV
2		5150.000	50.651	53.676	-3.349	54.000	-3.026	AV
3		5219.270	96.740	52.855	N/A	N/A	43.886	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



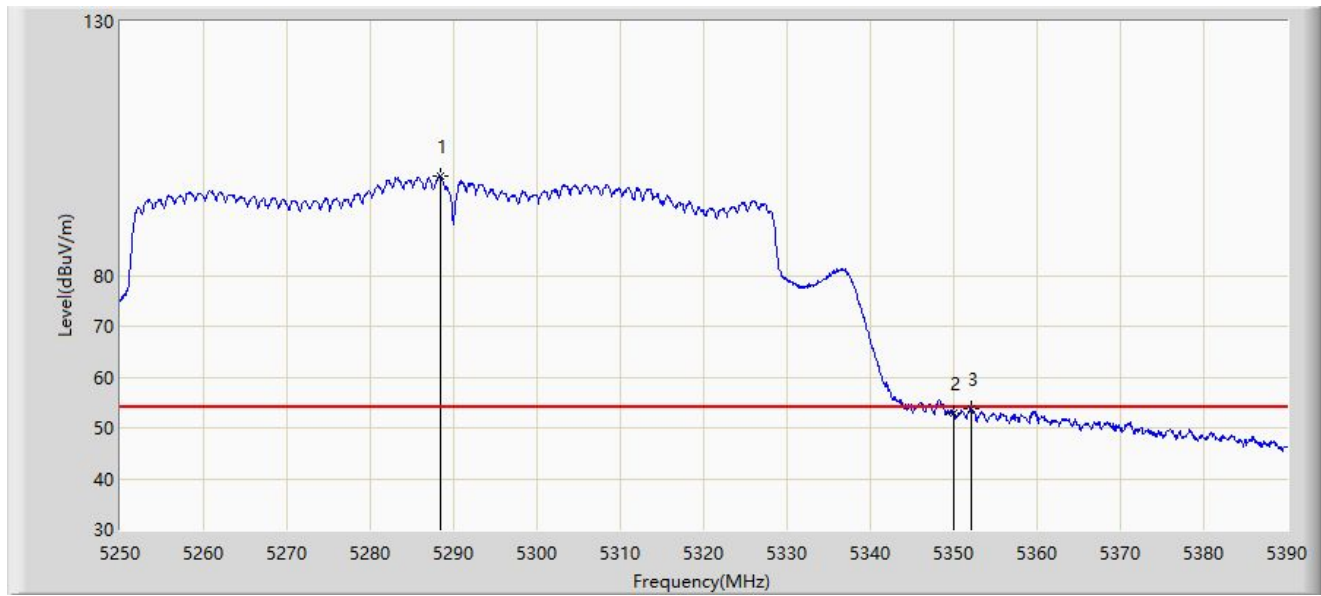
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5286.540	108.165	67.188	N/A	N/A	40.978	PK
2		5350.000	62.981	64.431	-11.019	74.000	-1.451	PK
3	*	5353.670	65.019	67.927	-8.981	74.000	-2.907	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



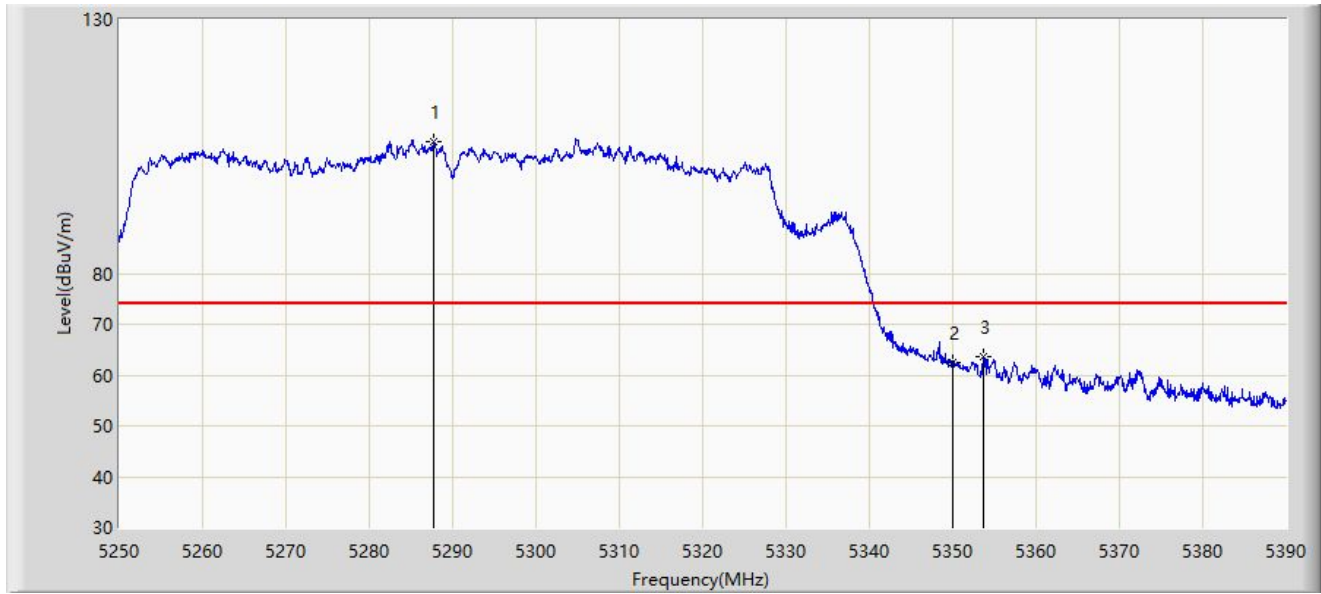
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5288.500	99.432	60.016	N/A	N/A	39.415	AV
2		5350.000	52.949	54.399	-1.051	54.000	-1.451	AV
3	*	5352.060	53.765	56.121	-0.235	54.000	-2.356	AV

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



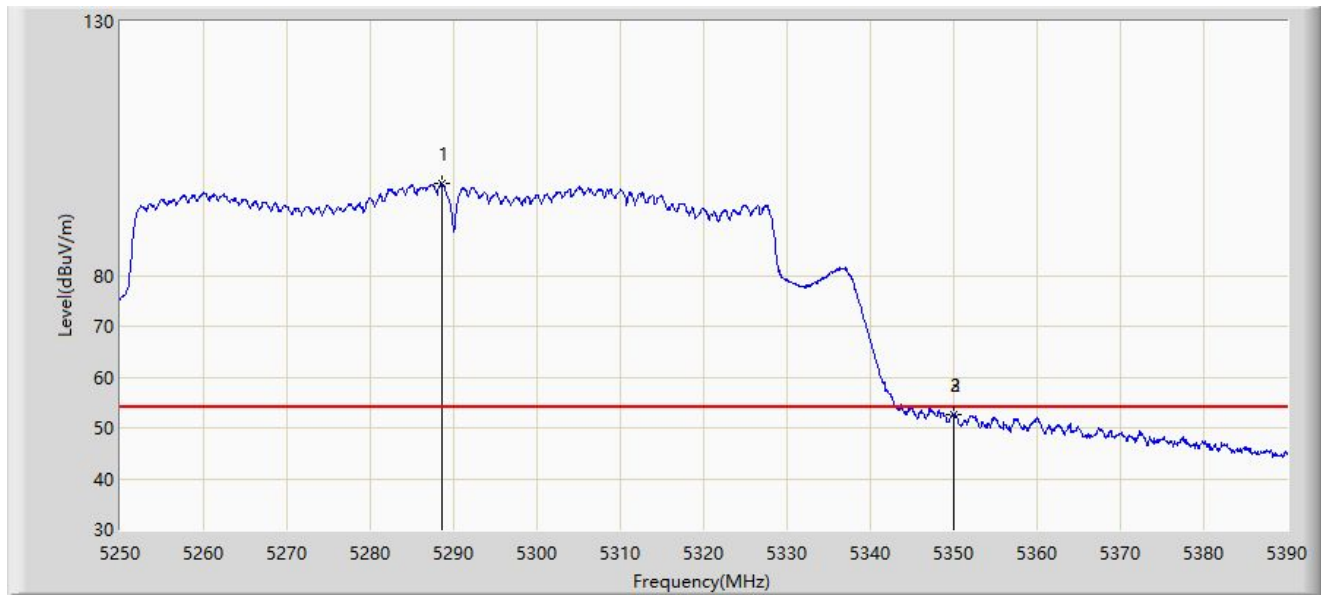
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.800	106.053	66.183	N/A	N/A	39.870	PK
2		5350.000	62.532	63.982	-11.468	74.000	-1.451	PK
3	*	5353.740	63.639	66.569	-10.361	74.000	-2.930	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



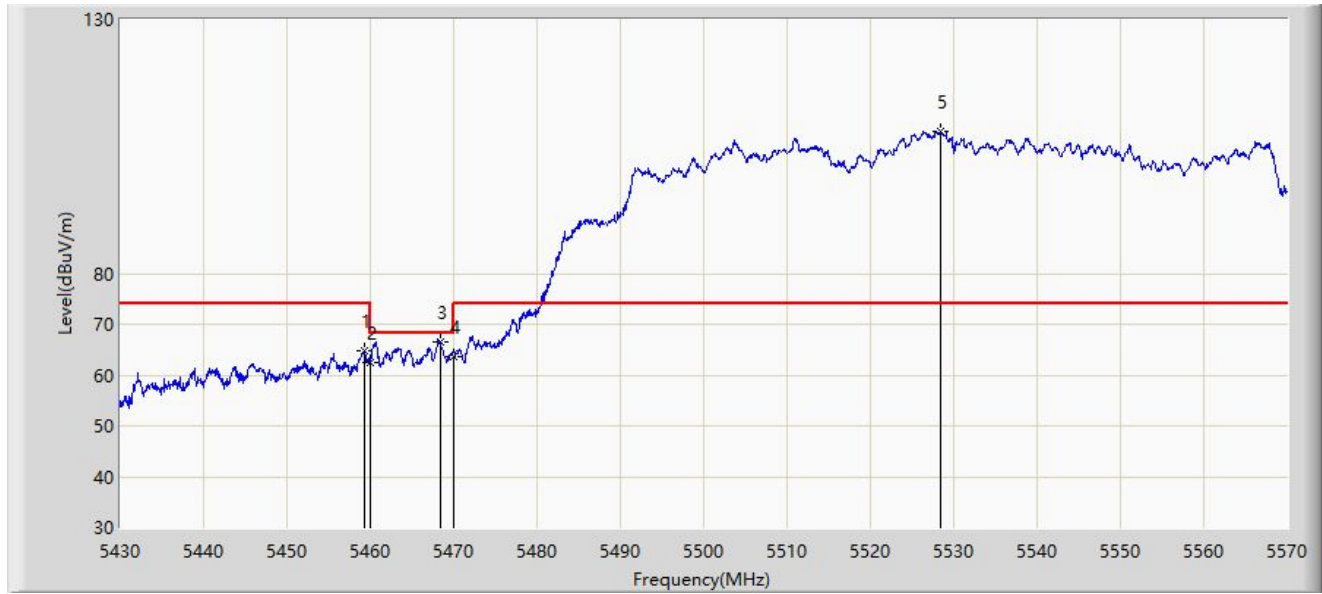
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5288.570	98.196	58.816	N/A	N/A	39.380	AV
2		5350.000	52.605	54.055	-1.395	54.000	-1.451	AV
3	*	5350.030	52.632	54.098	-1.368	54.000	-1.467	AV

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



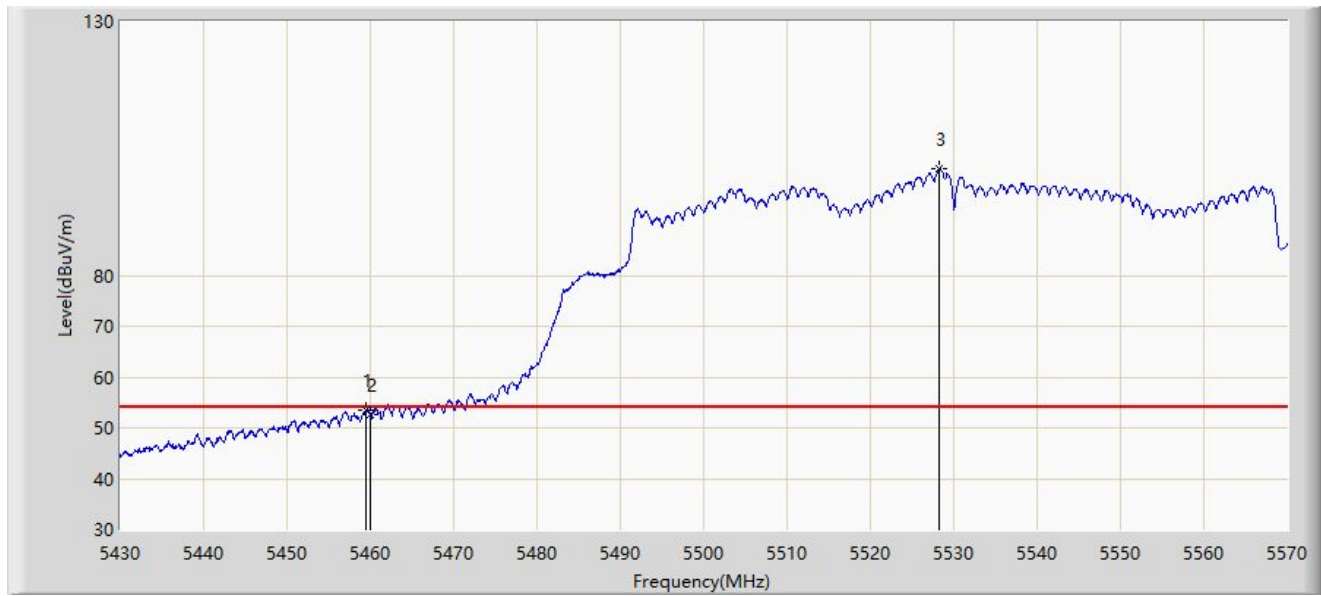
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5459.260	64.765	68.533	-9.235	74.000	-3.769	PK
2		5460.000	62.550	66.225	-5.650	68.200	-3.675	PK
3	*	5468.360	66.649	69.101	-1.551	68.200	-2.453	PK
4		5470.000	63.562	65.494	-4.638	68.200	-1.932	PK
5		5528.350	107.848	62.789	N/A	N/A	45.059	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.470	53.381	57.126	-0.619	54.000	-3.745	AV
2		5460.000	52.571	56.246	-1.429	54.000	-3.675	AV
3		5528.280	100.987	56.054	N/A	N/A	44.933	AV

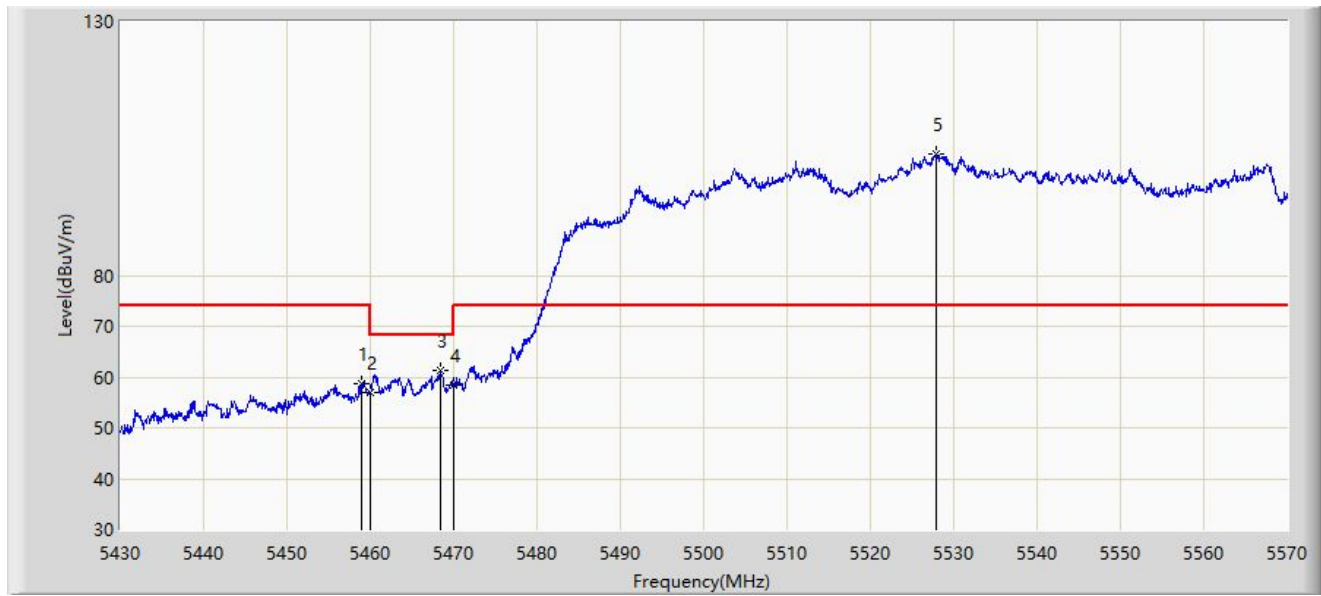
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



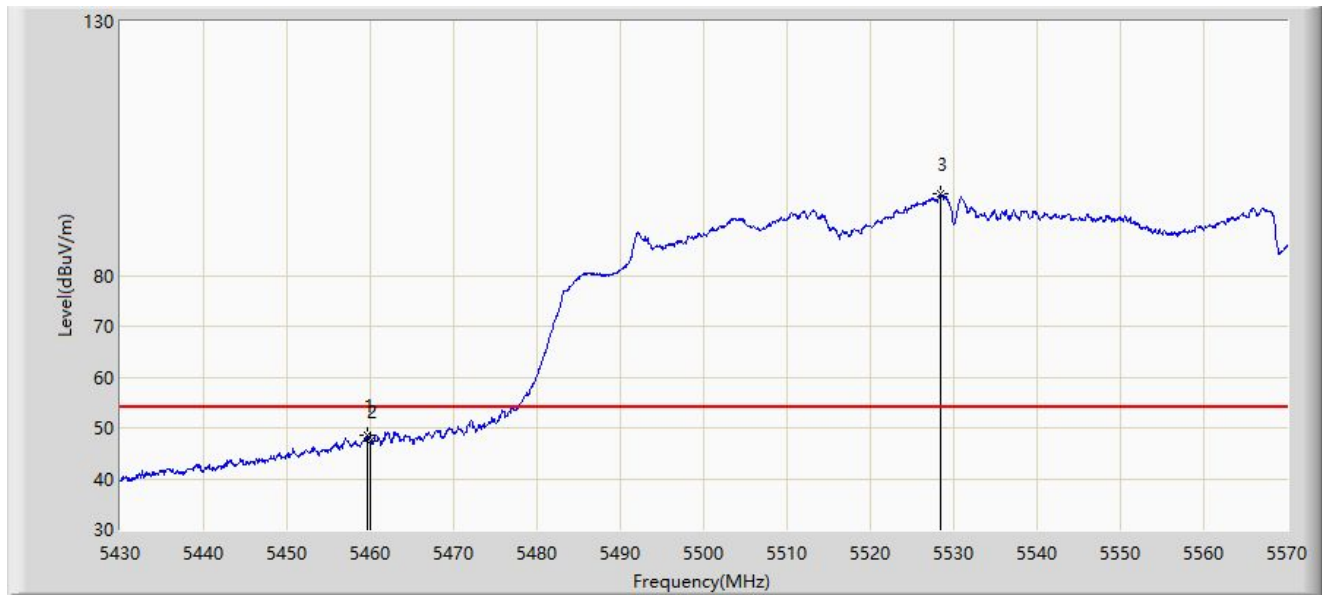
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.910	58.813	62.614	-15.187	74.000	-3.801	PK
2		5460.000	56.910	60.585	-11.290	68.200	-3.675	PK
3	*	5468.430	61.433	63.863	-6.767	68.200	-2.430	PK
4		5470.000	58.448	60.380	-9.752	68.200	-1.932	PK
5		5527.930	103.892	59.614	N/A	N/A	44.278	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



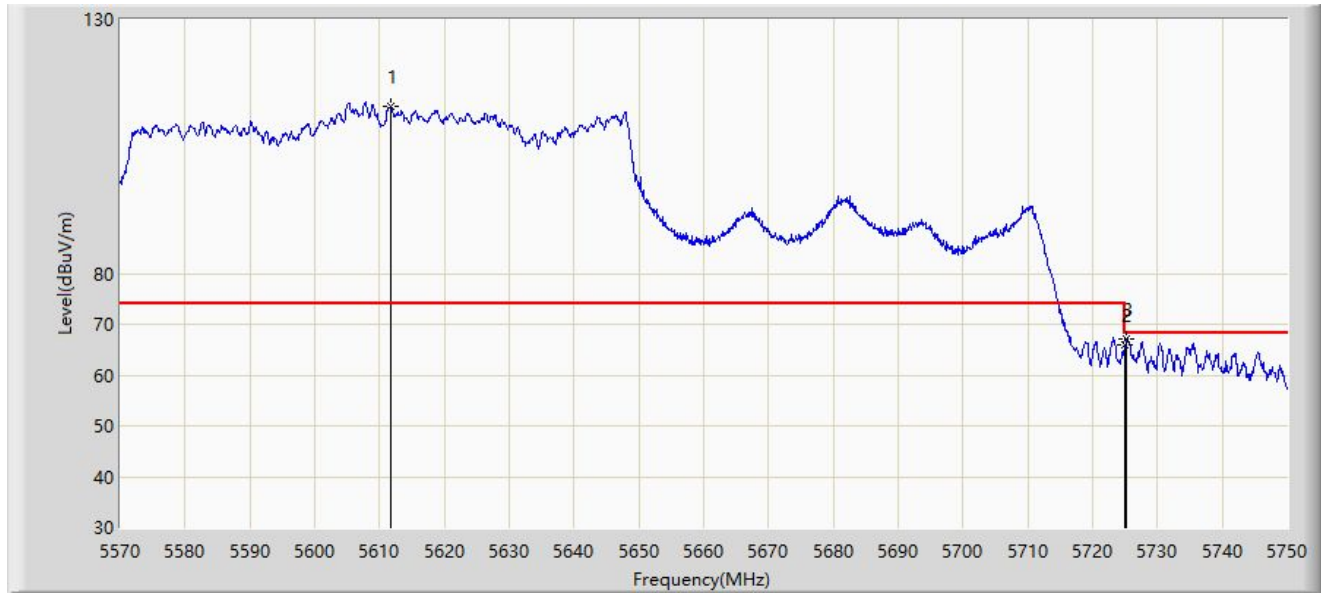
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.680	48.556	52.276	-5.444	54.000	-3.720	AV
2		5460.000	47.510	51.185	-6.490	54.000	-3.675	AV
3		5528.490	96.003	50.721	N/A	N/A	45.283	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



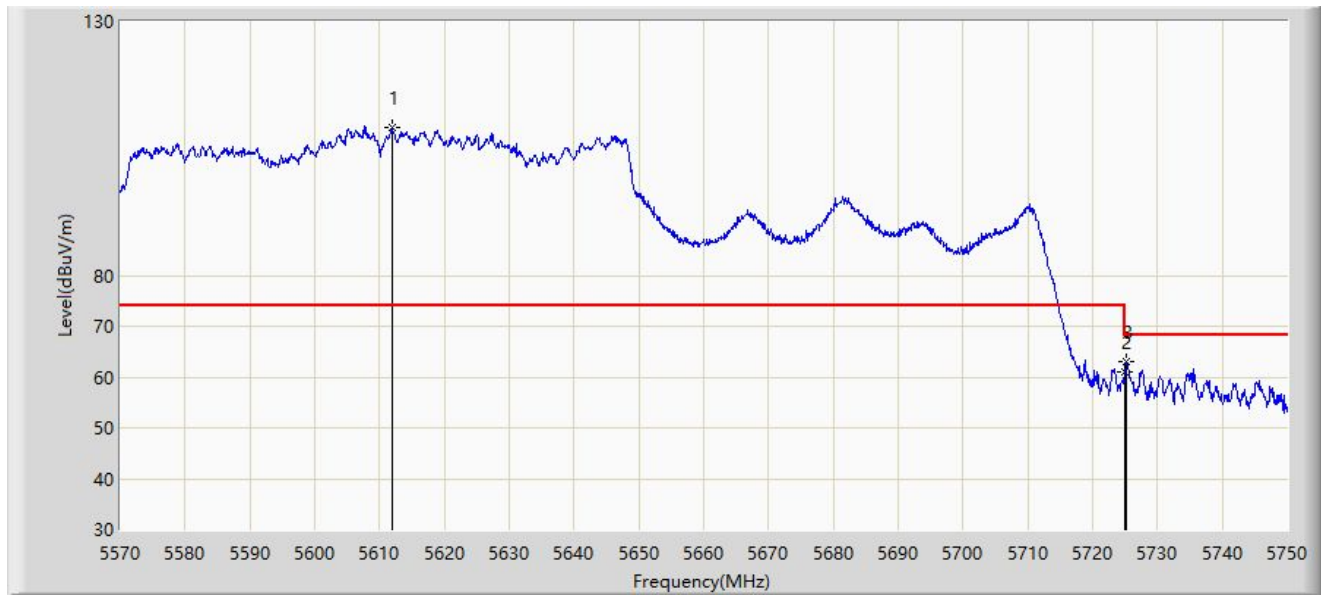
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5611.670	112.933	64.703	N/A	N/A	48.230	PK
2		5725.000	65.809	67.404	-2.391	68.200	-1.596	PK
3	*	5725.250	67.226	68.960	-0.974	68.200	-1.735	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



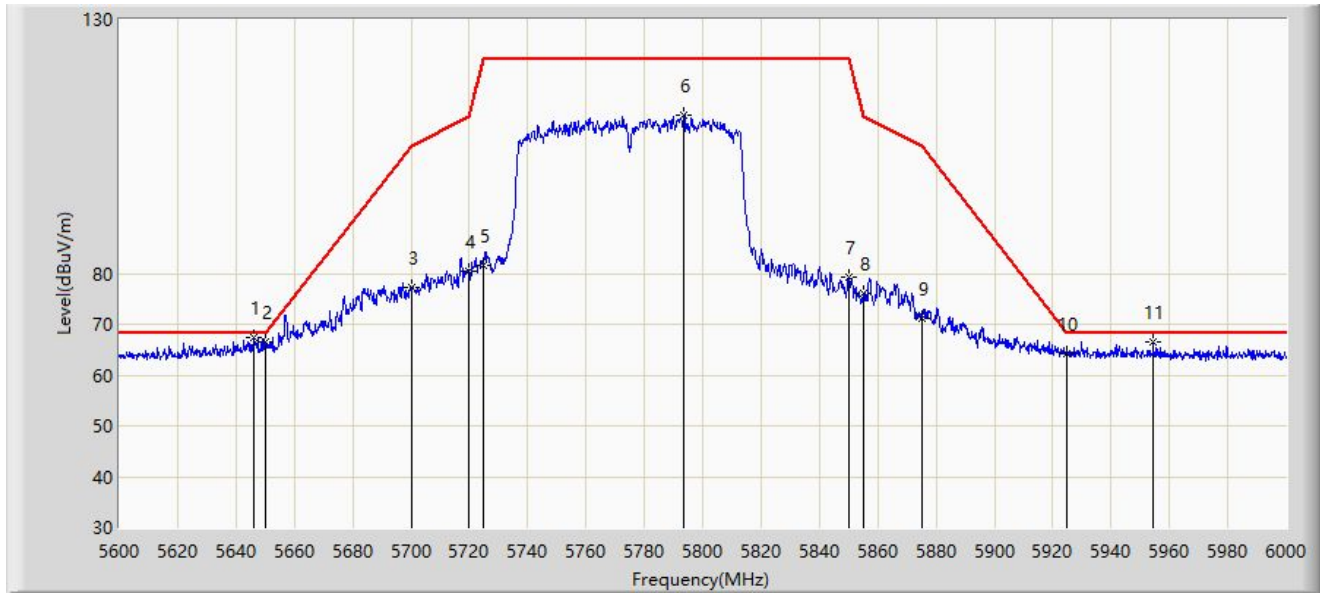
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5611.940	109.171	60.838	N/A	N/A	48.333	PK
2		5725.000	60.970	62.565	-7.230	68.200	-1.596	PK
3	*	5725.160	63.104	64.789	-5.096	68.200	-1.685	PK

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



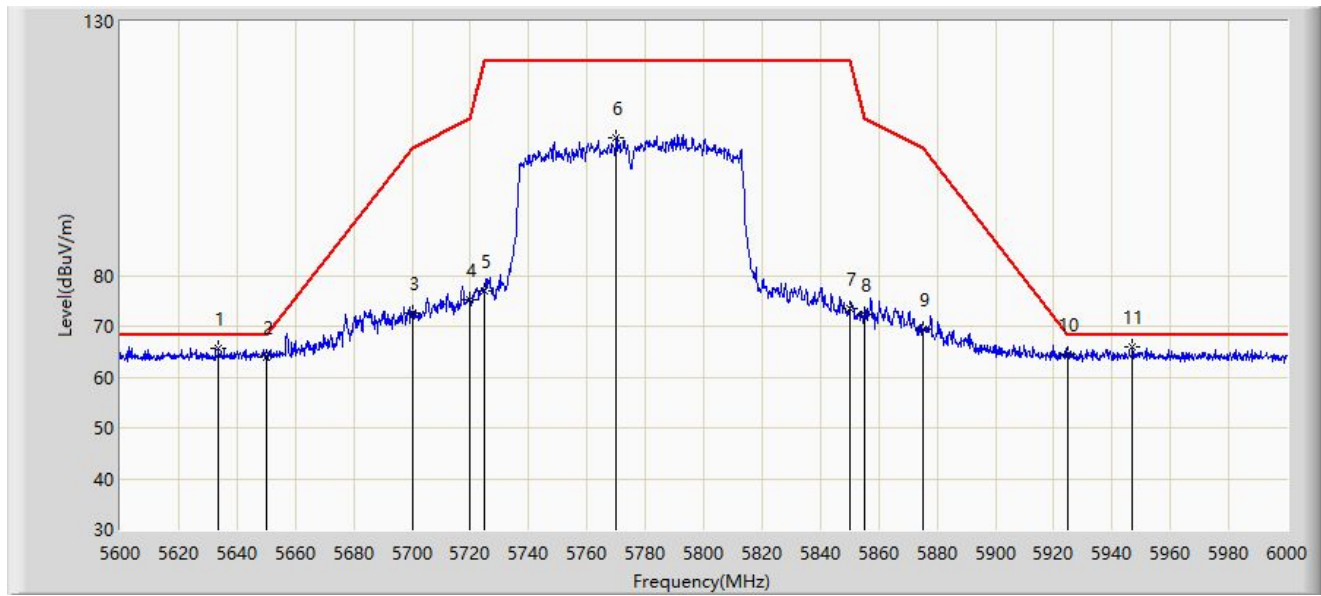
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5646.000	67.375	75.485	-0.825	68.200	-8.110	PK
2		5650.000	66.489	74.594	-1.711	68.200	-8.105	PK
3		5700.000	77.135	85.030	-28.065	105.200	-7.895	PK
4		5720.000	80.328	88.323	-30.472	110.800	-7.996	PK
5		5725.000	81.675	89.656	-40.525	122.200	-7.982	PK
6		5793.600	111.224	119.037	N/A	N/A	-7.813	PK
7		5850.000	79.247	87.134	-42.953	122.200	-7.887	PK
8		5855.000	75.959	83.857	-34.841	110.800	-7.898	PK
9		5875.000	71.037	78.948	-34.163	105.200	-7.911	PK
10		5925.000	64.195	72.232	-4.005	68.200	-8.038	PK
11		5954.400	66.517	74.308	-1.683	68.200	-7.792	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5633.600	65.649	73.737	-2.551	68.200	-8.088	PK
2		5650.000	64.051	72.156	-4.149	68.200	-8.105	PK
3		5700.000	72.491	80.386	-32.709	105.200	-7.895	PK
4		5720.000	75.326	83.321	-35.474	110.800	-7.996	PK
5		5725.000	76.886	84.867	-45.314	122.200	-7.982	PK
6		5770.000	107.223	115.225	N/A	N/A	-8.002	PK
7		5850.000	73.449	81.336	-48.751	122.200	-7.887	PK
8		5855.000	72.363	80.261	-38.437	110.800	-7.898	PK
9		5875.000	69.397	77.308	-35.803	105.200	-7.911	PK
10		5925.000	64.510	72.547	-3.690	68.200	-8.038	PK
11	*	5947.000	65.991	73.696	-2.209	68.200	-7.705	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.880	70.322	73.579	-3.678	74.000	-3.257	PK
2		5150.000	68.574	71.599	-5.426	74.000	-3.026	PK
3		5180.520	116.276	74.778	N/A	N/A	41.499	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.960	53.891	57.133	-0.109	54.000	-3.241	AV
2		5150.000	51.926	54.951	-2.074	54.000	-3.026	AV
3		5182.000	108.151	68.370	N/A	N/A	39.781	AV

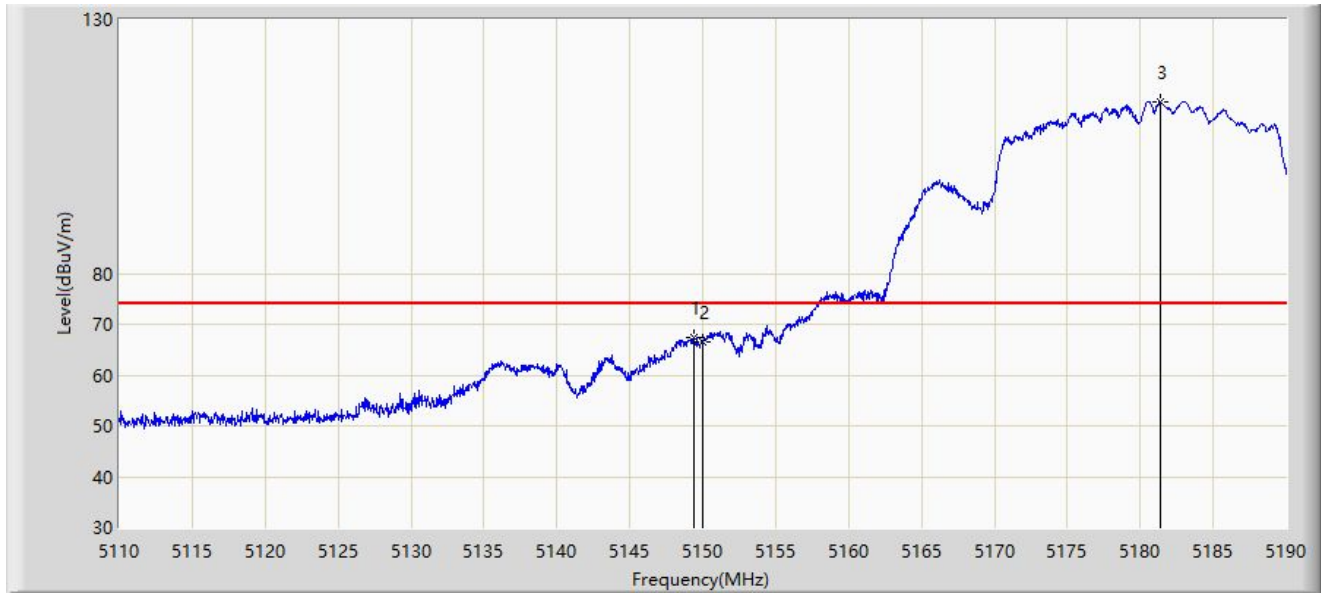
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.360	67.347	70.517	-6.653	74.000	-3.169	PK
2		5150.000	66.555	69.580	-7.445	74.000	-3.026	PK
3		5181.360	113.716	72.797	N/A	N/A	40.919	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



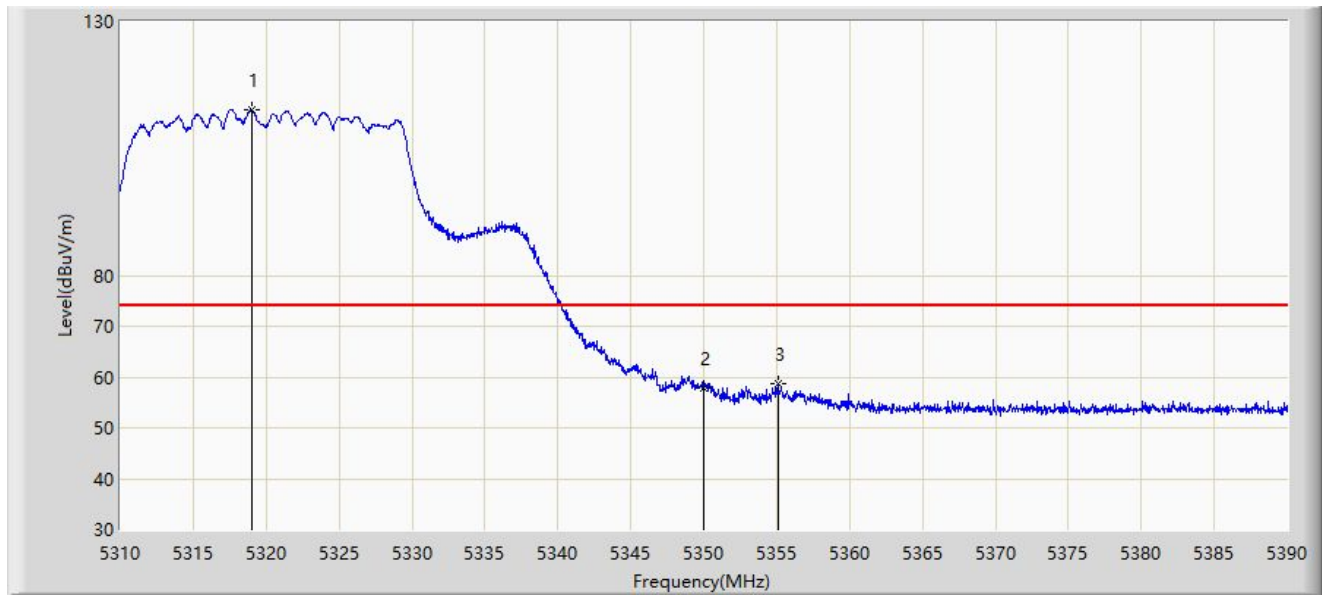
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5148.800	51.716	54.988	-2.284	54.000	-3.272	AV
2		5150.000	50.329	53.354	-3.671	54.000	-3.026	AV
3		5181.440	106.307	65.530	N/A	N/A	40.777	AV

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



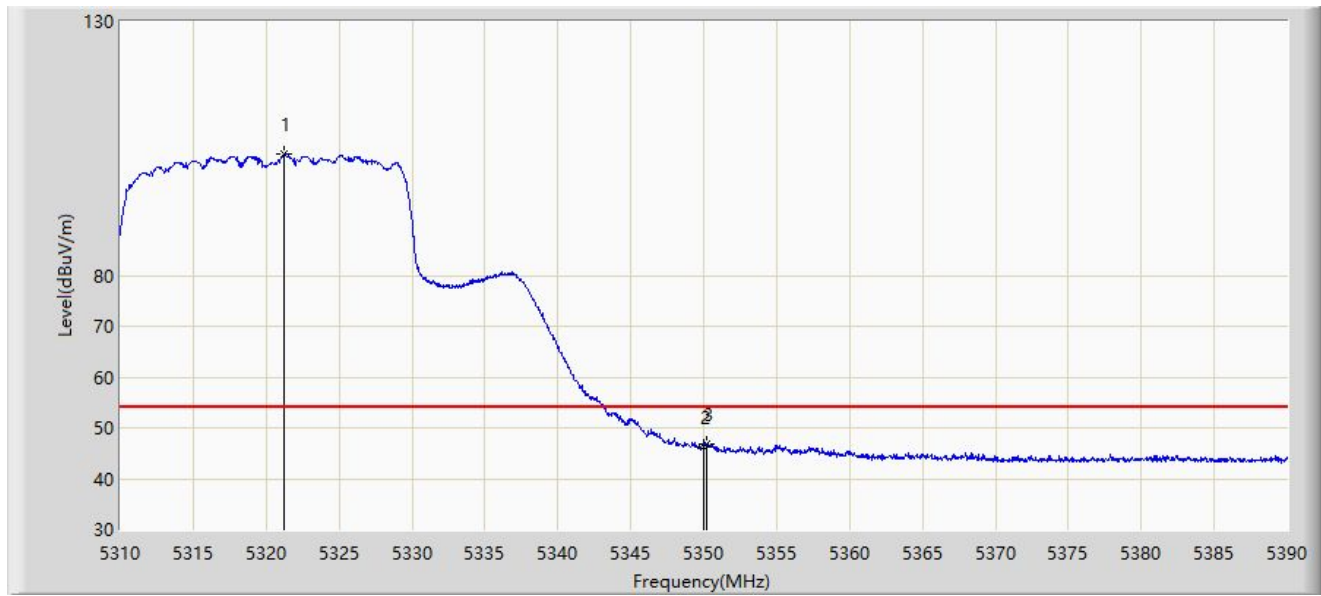
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5319.040	112.479	72.774	N/A	N/A	39.705	PK
2		5350.000	57.706	59.156	-16.294	74.000	-1.451	PK
3	*	5355.080	58.772	62.007	-15.228	74.000	-3.235	PK

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



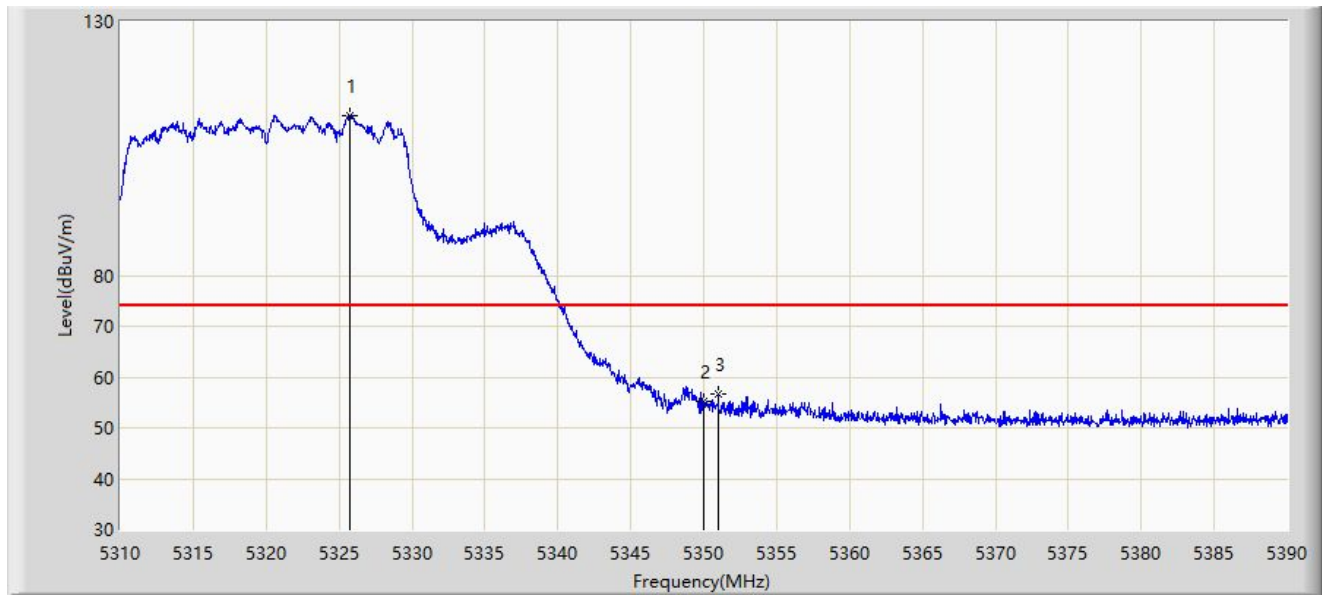
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5321.200	103.845	64.713	N/A	N/A	39.132	AV
2		5350.000	46.196	47.646	-7.804	54.000	-1.451	AV
3	*	5350.200	46.919	48.476	-7.081	54.000	-1.558	AV

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5325.760	111.577	72.980	N/A	N/A	38.597	PK
2		5350.000	55.226	56.676	-18.774	74.000	-1.451	PK
3	*	5351.000	56.554	58.515	-17.446	74.000	-1.961	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



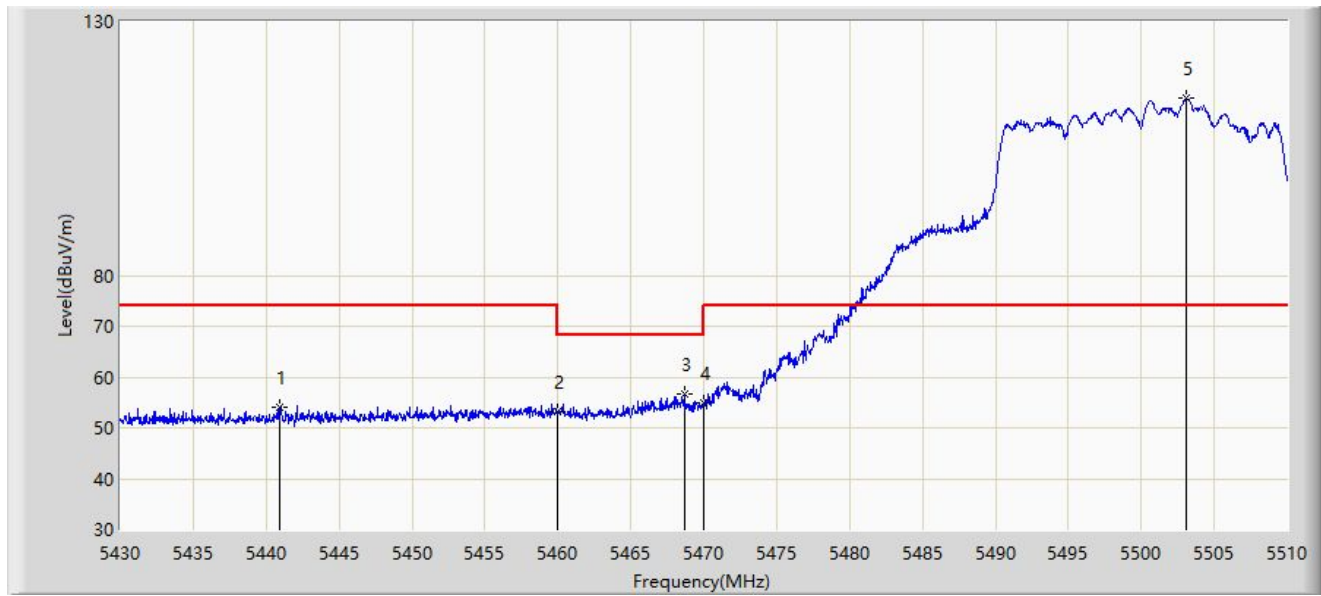
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.720	102.854	64.250	N/A	N/A	38.604	AV
2		5350.000	44.229	45.679	-9.771	54.000	-1.451	AV
3	*	5355.880	44.833	48.258	-9.167	54.000	-3.424	AV

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



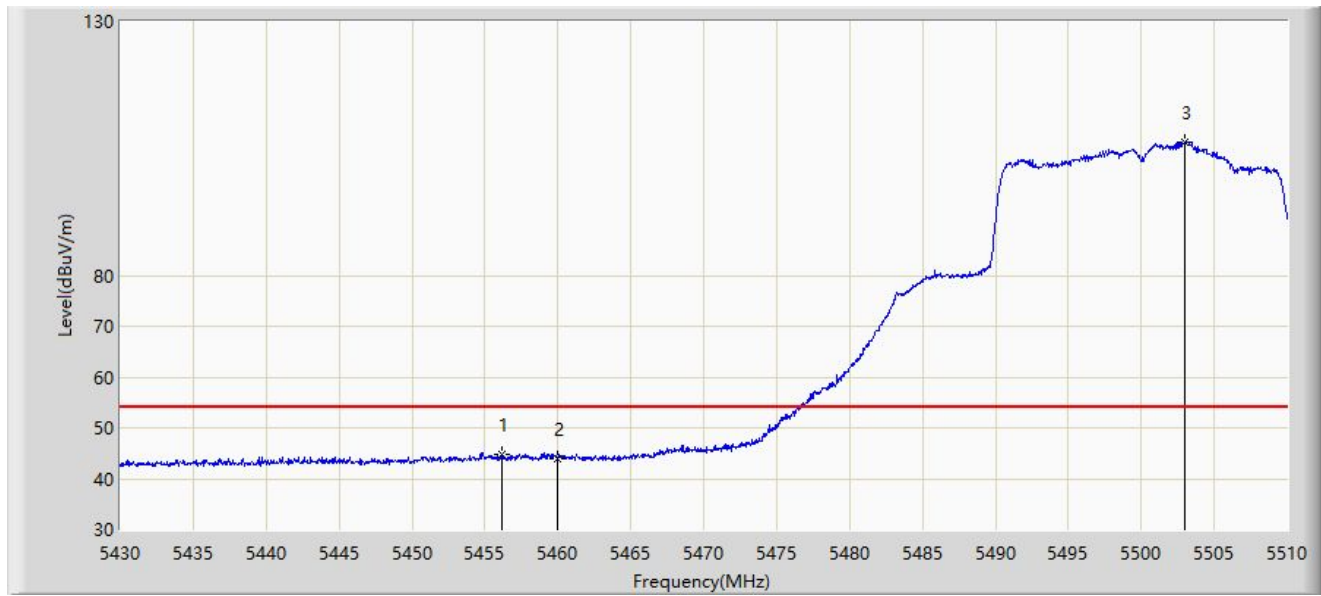
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5440.920	54.154	58.852	-19.846	74.000	-4.698	PK
2		5460.000	53.067	56.742	-15.133	68.200	-3.675	PK
3	*	5468.680	56.524	58.907	-11.676	68.200	-2.384	PK
4		5470.000	54.833	56.765	-13.367	68.200	-1.932	PK
5		5503.120	114.943	72.910	N/A	N/A	42.033	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5456.120	44.829	48.810	-9.171	54.000	-3.982	AV
2		5460.000	43.955	47.630	-10.045	54.000	-3.675	AV
3		5503.000	106.123	64.348	N/A	N/A	41.776	AV

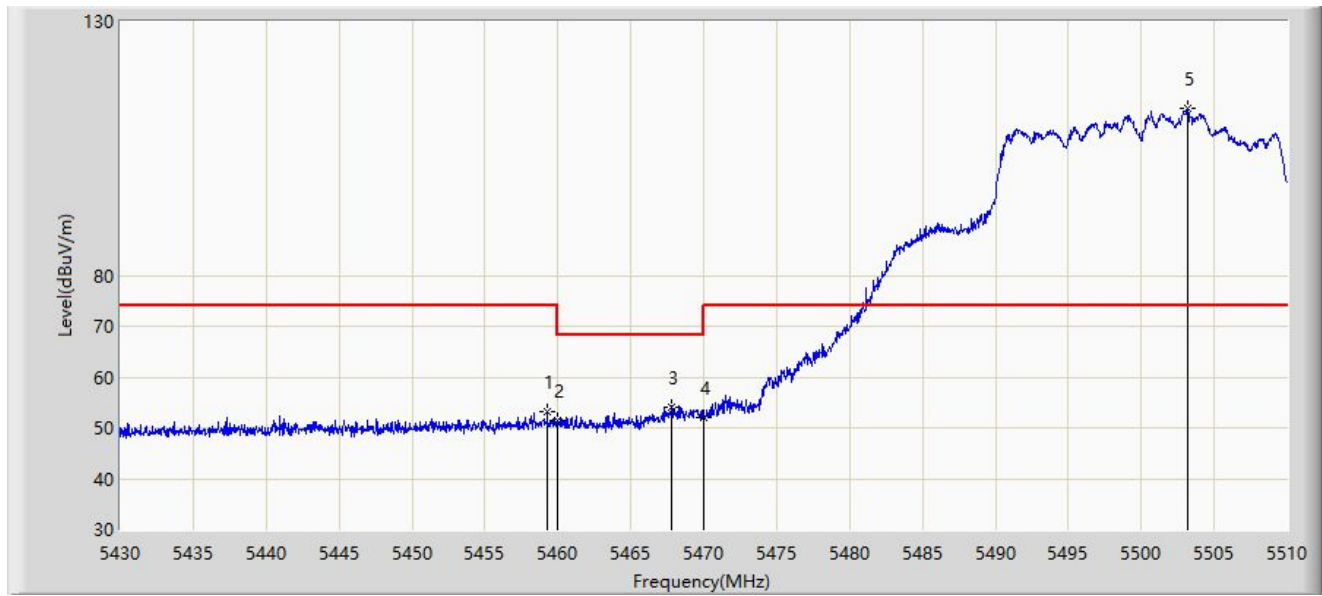
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



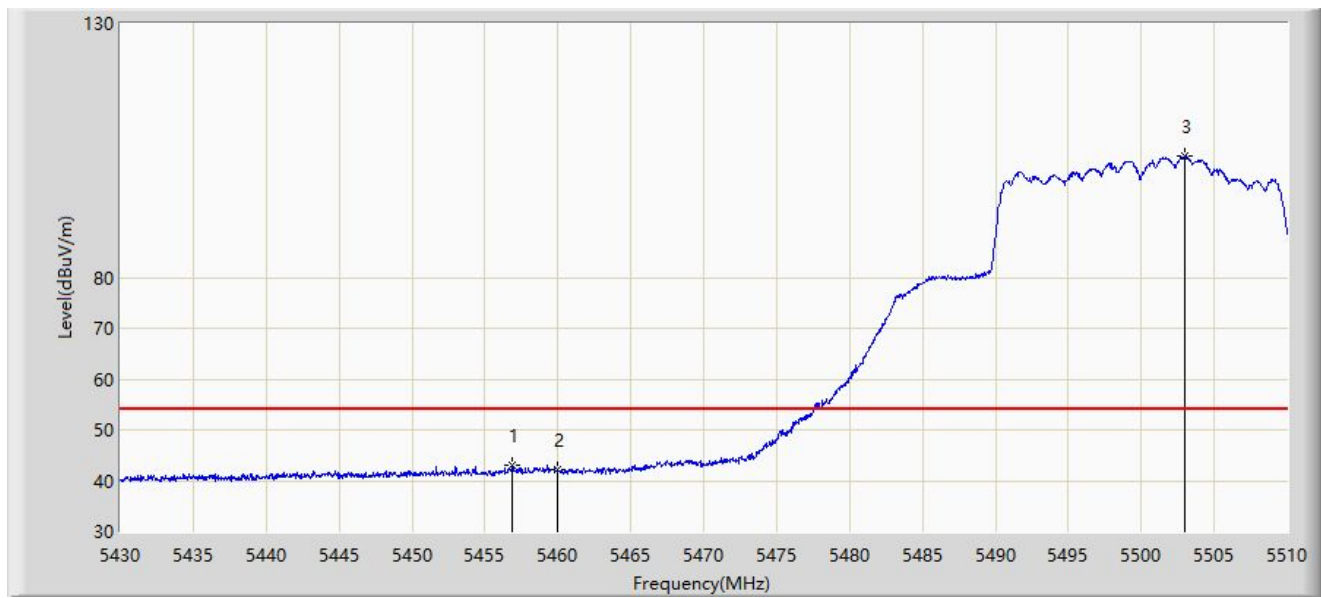
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5459.280	53.237	57.003	-20.763	74.000	-3.767	PK
2		5460.000	51.480	55.155	-16.720	68.200	-3.675	PK
3	*	5467.800	54.128	56.776	-14.072	68.200	-2.648	PK
4		5470.000	51.893	53.825	-16.307	68.200	-1.932	PK
5		5503.160	112.823	70.704	N/A	N/A	42.119	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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



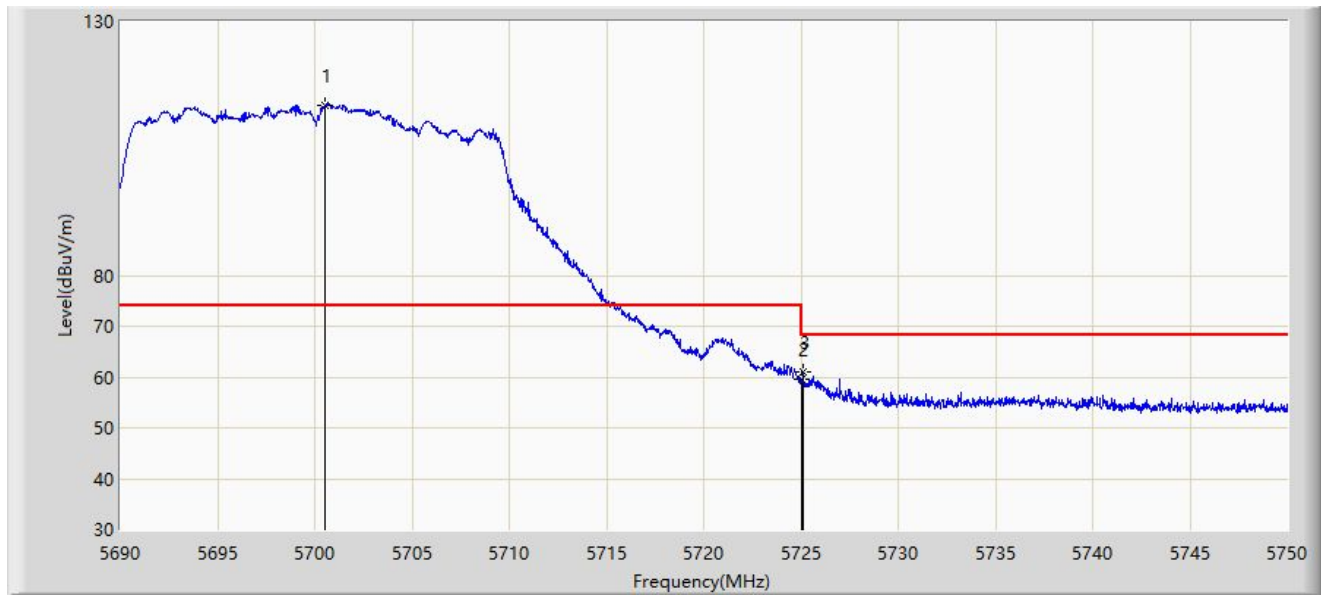
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5456.880	43.130	47.050	-10.870	54.000	-3.920	AV
2		5460.000	42.142	45.817	-11.858	54.000	-3.675	AV
3		5502.960	103.810	62.121	N/A	N/A	41.690	AV

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



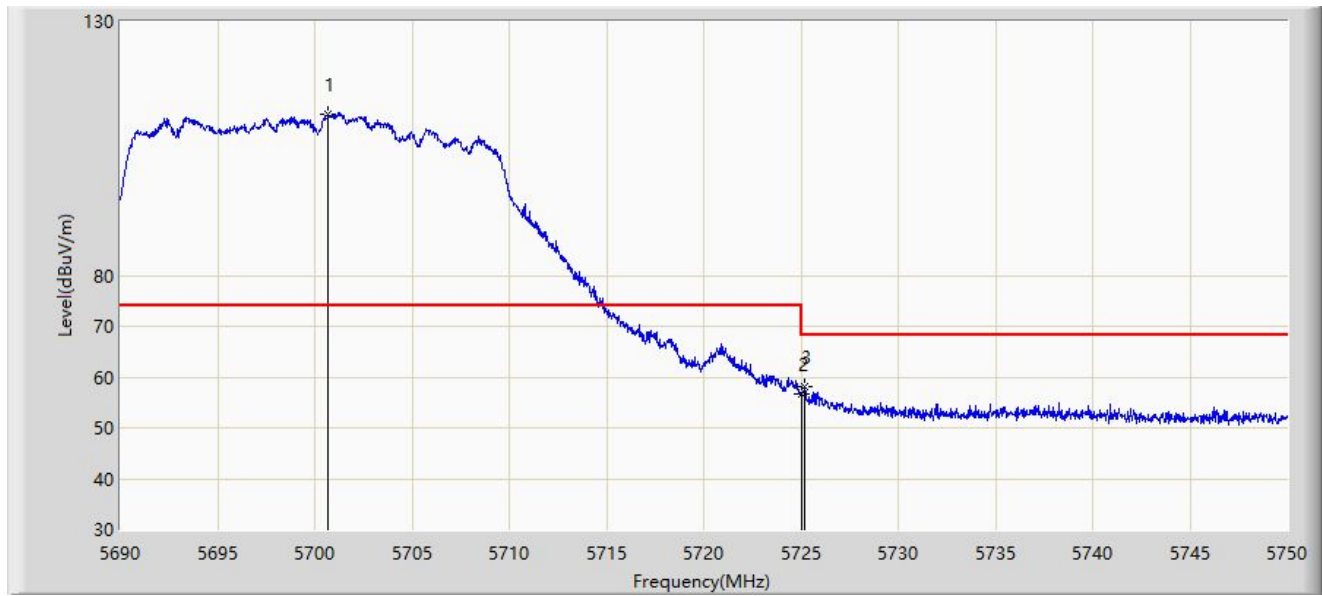
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5700.500	113.477	77.665	N/A	N/A	35.812	PK
2		5725.000	59.530	61.125	-8.670	68.200	-1.596	PK
3	*	5725.100	60.934	62.585	-7.266	68.200	-1.651	PK

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: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



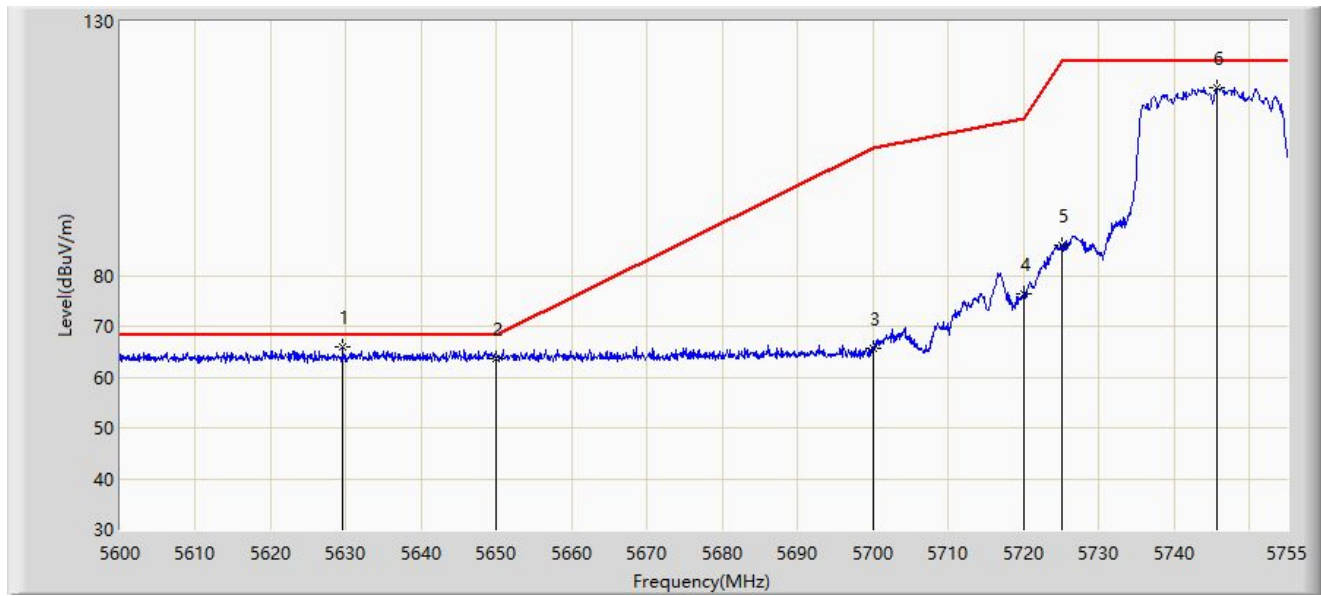
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5700.710	111.848	75.967	N/A	N/A	35.881	PK
2		5725.000	56.722	58.317	-11.478	68.200	-1.596	PK
3	*	5725.220	58.086	59.804	-10.114	68.200	-1.719	PK

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: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



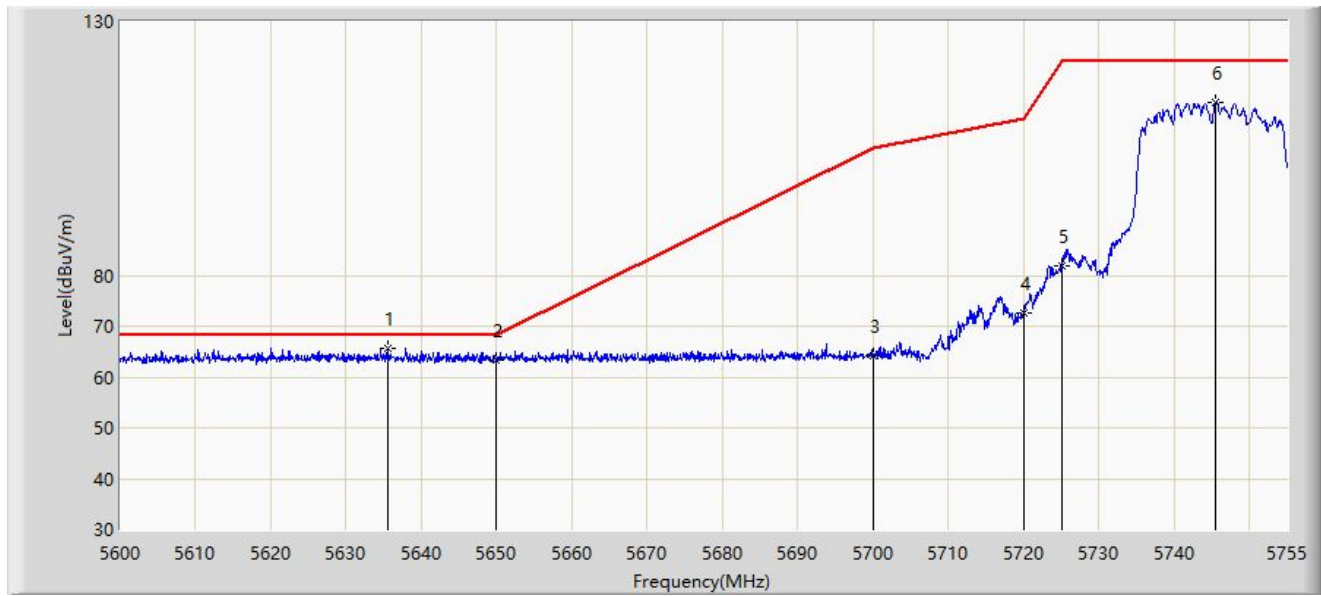
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5629.527	66.029	74.102	-2.171	68.200	-8.072	PK
2		5650.000	63.615	71.720	-4.585	68.200	-8.105	PK
3		5700.000	65.680	73.575	-39.520	105.200	-7.895	PK
4		5720.000	76.235	84.230	-34.565	110.800	-7.996	PK
5		5725.000	85.981	93.962	-36.219	122.200	-7.982	PK
6		5745.623	116.895	124.941	N/A	N/A	-8.045	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: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



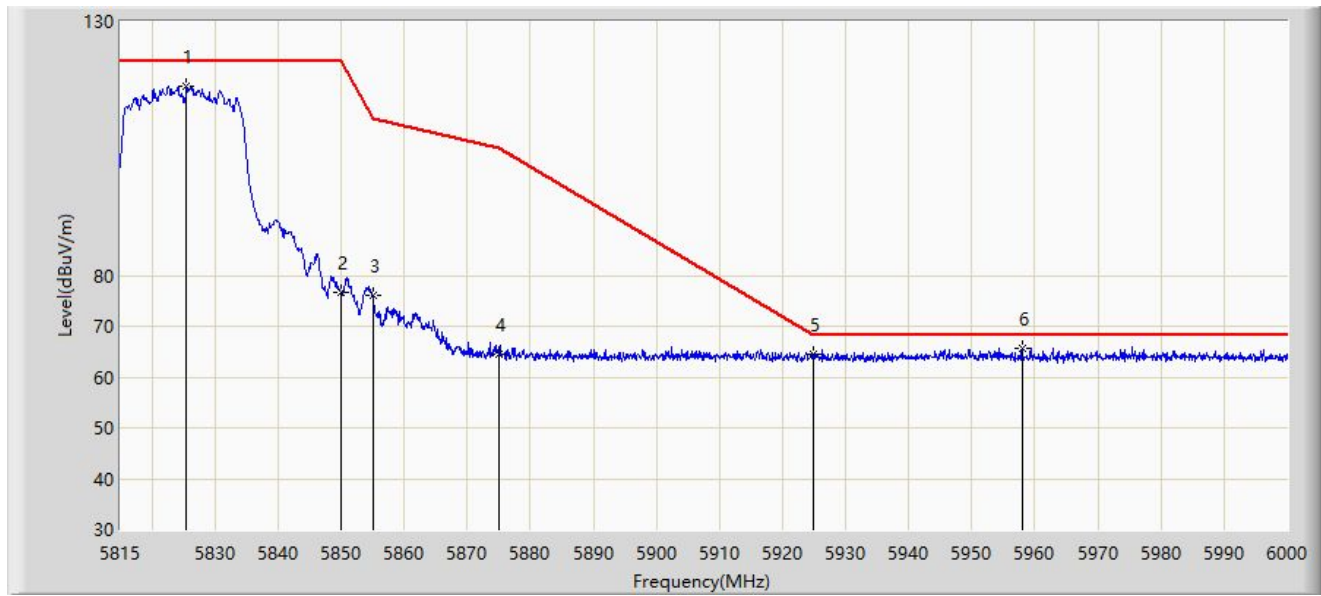
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5635.495	65.795	73.891	-2.405	68.200	-8.096	PK
2		5650.000	63.427	71.532	-4.773	68.200	-8.105	PK
3		5700.000	64.197	72.092	-41.003	105.200	-7.895	PK
4		5720.000	72.635	80.630	-38.165	110.800	-7.996	PK
5		5725.000	82.000	89.981	-40.200	122.200	-7.982	PK
6		5745.467	114.093	122.137	N/A	N/A	-8.044	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



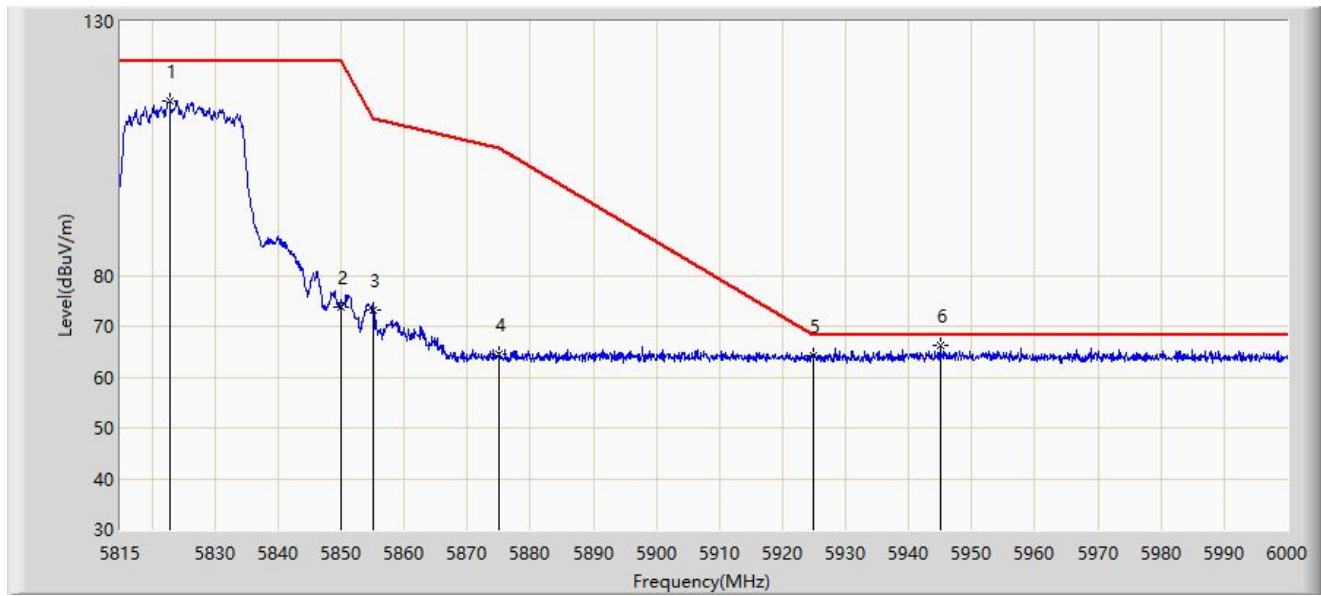
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5825.545	117.216	125.110	N/A	N/A	-7.894	PK
2		5850.000	76.685	84.572	-45.515	122.200	-7.887	PK
3		5855.000	76.013	83.911	-34.787	110.800	-7.898	PK
4		5875.000	64.481	72.392	-40.719	105.200	-7.911	PK
5		5925.000	64.414	72.451	-3.786	68.200	-8.038	PK
6	*	5958.005	65.603	73.436	-2.597	68.200	-7.833	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5822.770	114.353	122.234	N/A	N/A	-7.881	PK
2		5850.000	73.887	81.774	-48.313	122.200	-7.887	PK
3		5855.000	73.201	81.099	-37.599	110.800	-7.898	PK
4		5875.000	64.497	72.408	-40.703	105.200	-7.911	PK
5		5925.000	64.294	72.331	-3.906	68.200	-8.038	PK
6	*	5944.962	66.232	73.987	-1.968	68.200	-7.754	PK

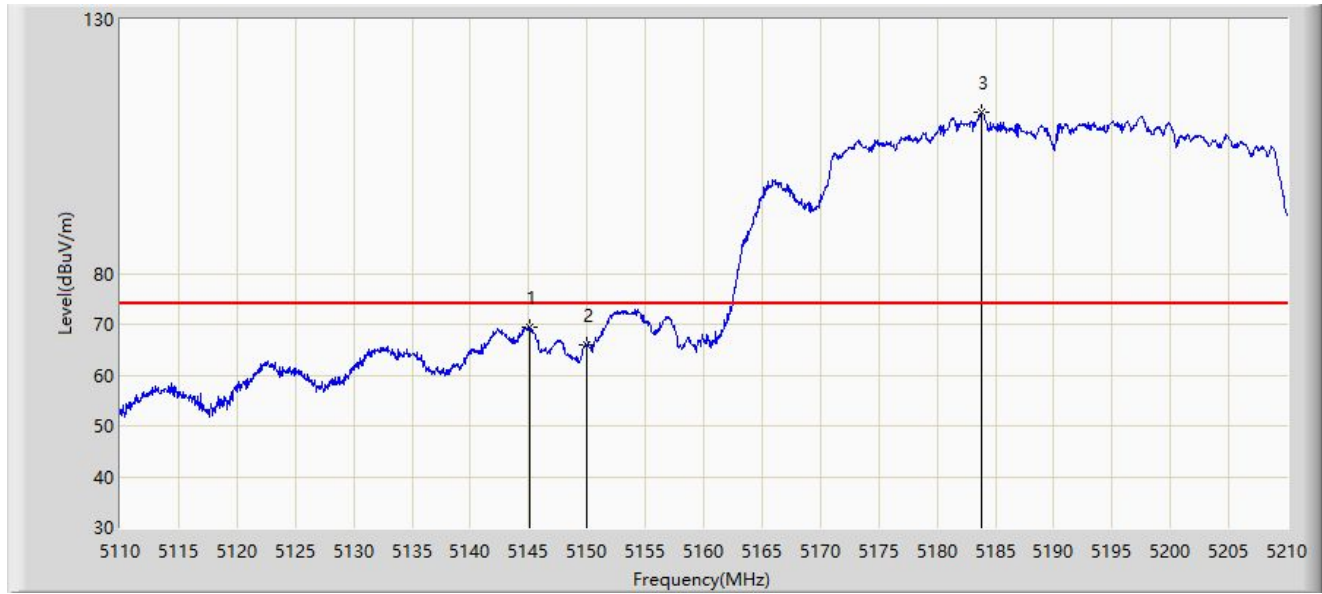
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



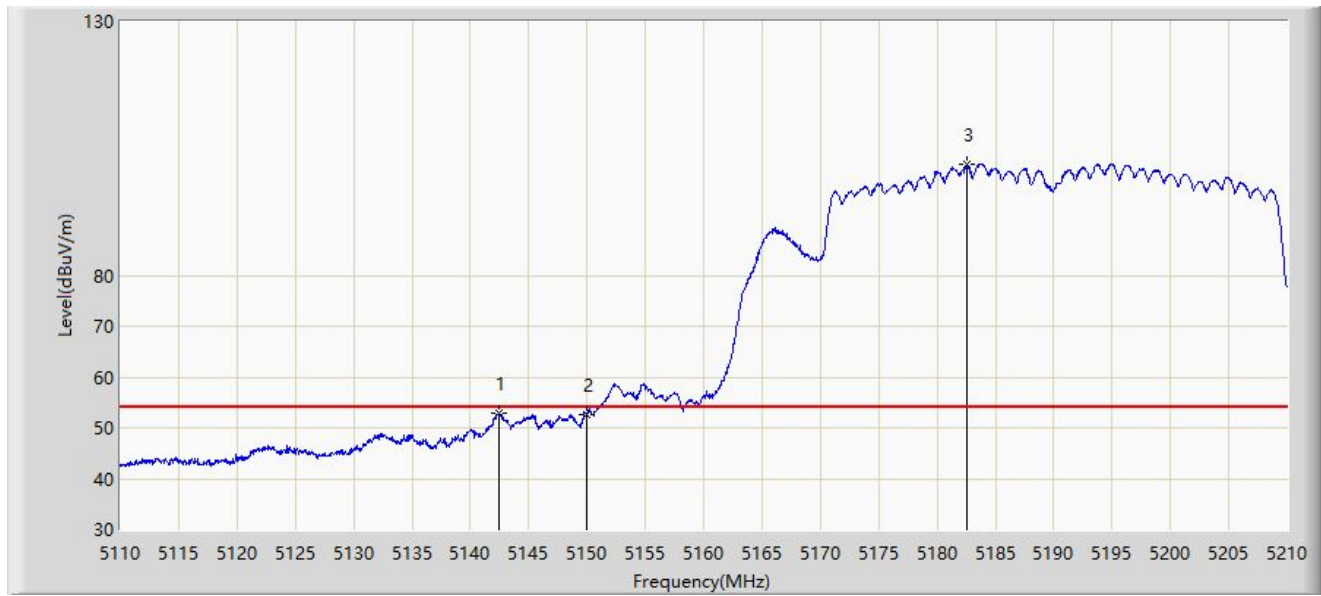
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5145.100	69.292	73.120	-4.708	74.000	-3.828	PK
2		5150.000	65.857	68.882	-8.143	74.000	-3.026	PK
3		5183.800	111.614	74.996	N/A	N/A	36.618	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5142.450	52.980	56.956	-1.020	54.000	-3.976	AV
2		5150.000	52.703	55.728	-1.297	54.000	-3.026	AV
3		5182.500	101.932	63.122	N/A	N/A	38.810	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



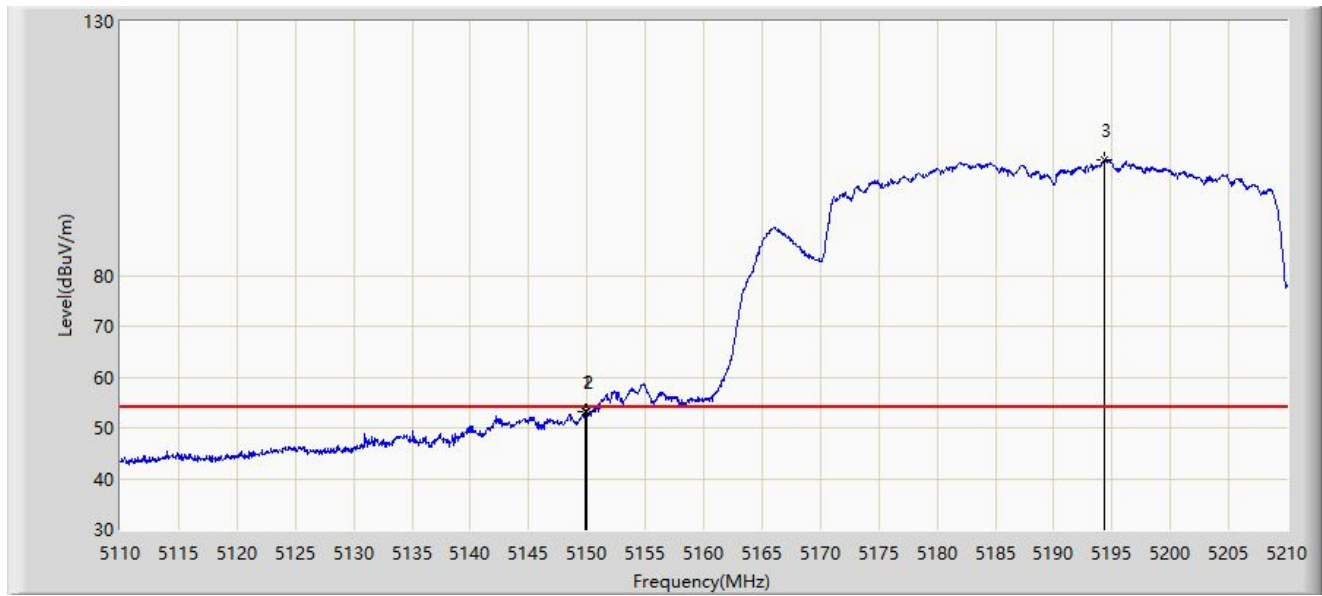
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5144.950	70.326	74.174	-3.674	74.000	-3.848	PK
2		5150.000	66.744	69.769	-7.256	74.000	-3.026	PK
3		5197.350	111.559	75.664	N/A	N/A	35.896	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



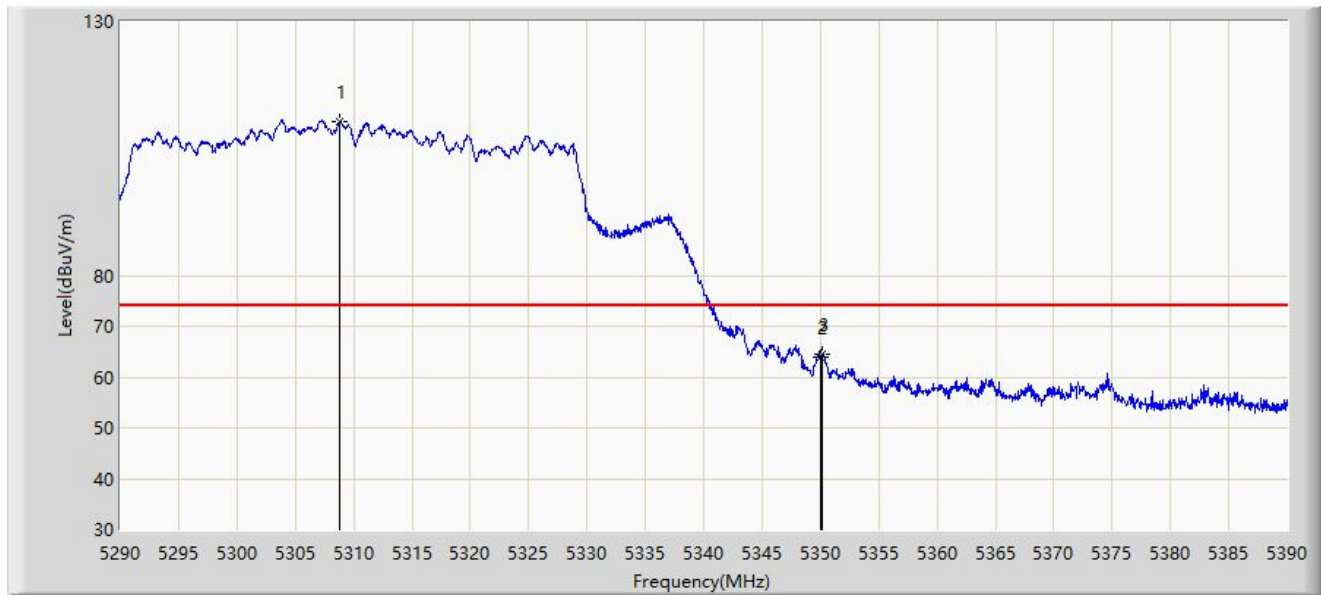
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.800	53.138	56.229	-0.862	54.000	-3.091	AV
2		5150.000	53.104	56.129	-0.896	54.000	-3.026	AV
3		5194.300	102.831	67.187	N/A	N/A	35.643	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



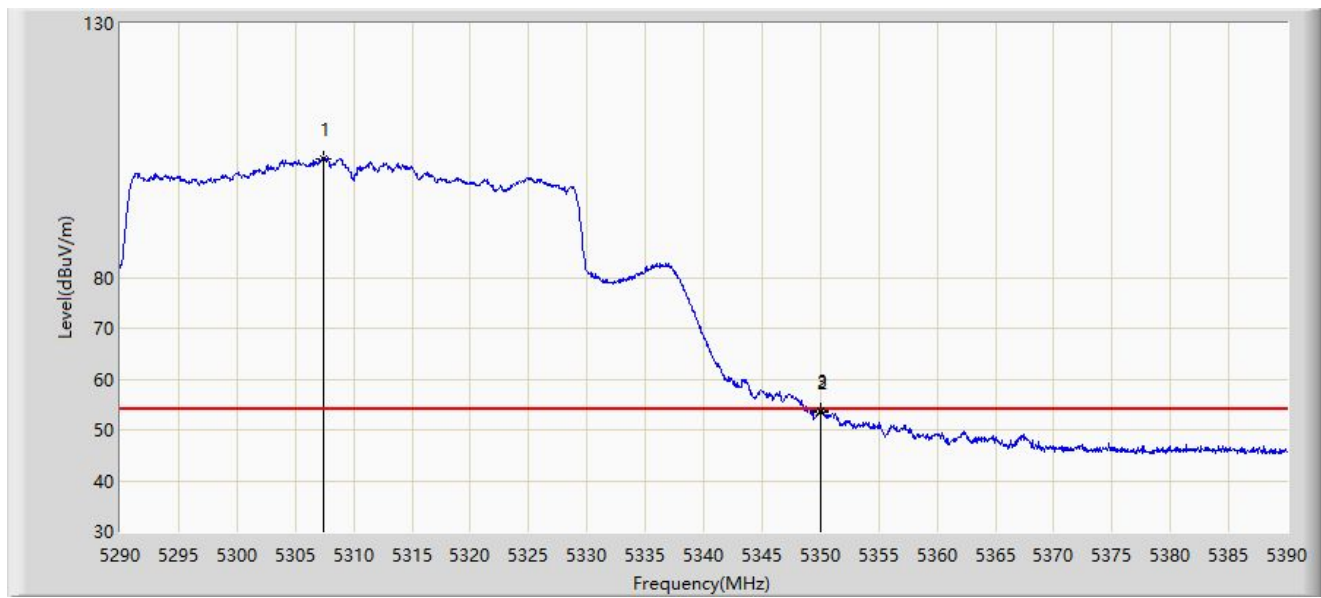
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.750	110.306	69.731	N/A	N/A	40.575	PK
2		5350.000	63.791	65.241	-10.209	74.000	-1.451	PK
3	*	5350.150	64.494	66.024	-9.506	74.000	-1.531	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



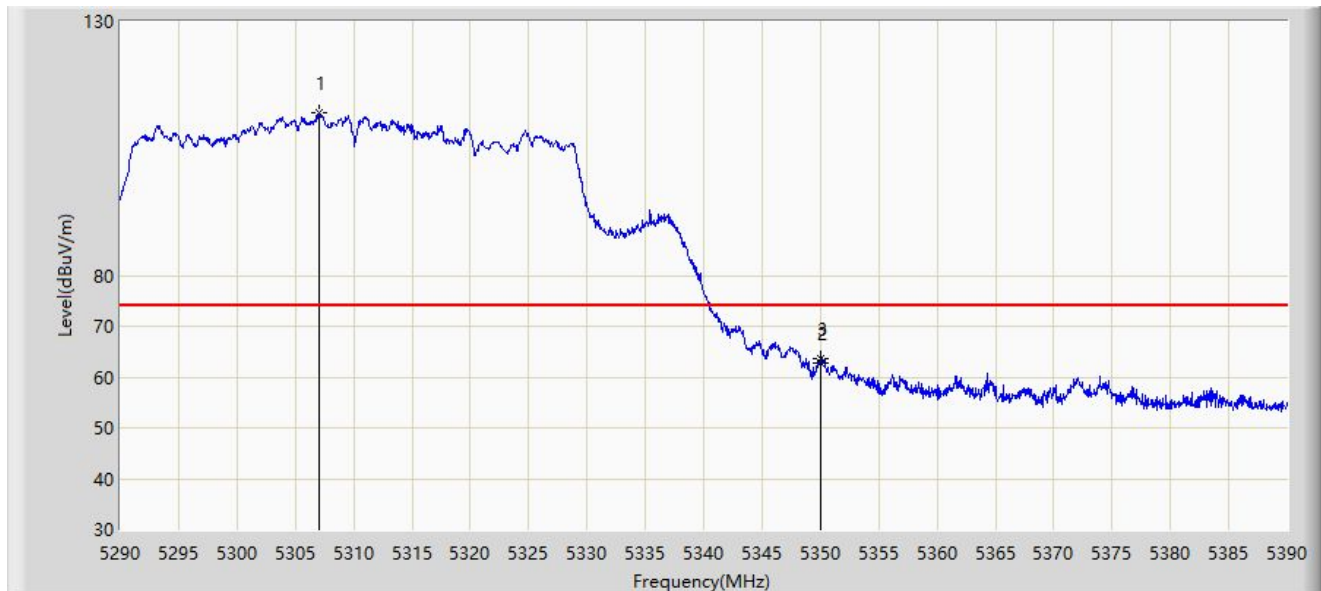
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5307.400	103.453	64.065	N/A	N/A	39.388	AV
2		5350.000	53.608	55.058	-0.392	54.000	-1.451	AV
3	*	5350.050	53.858	55.335	-0.142	54.000	-1.478	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



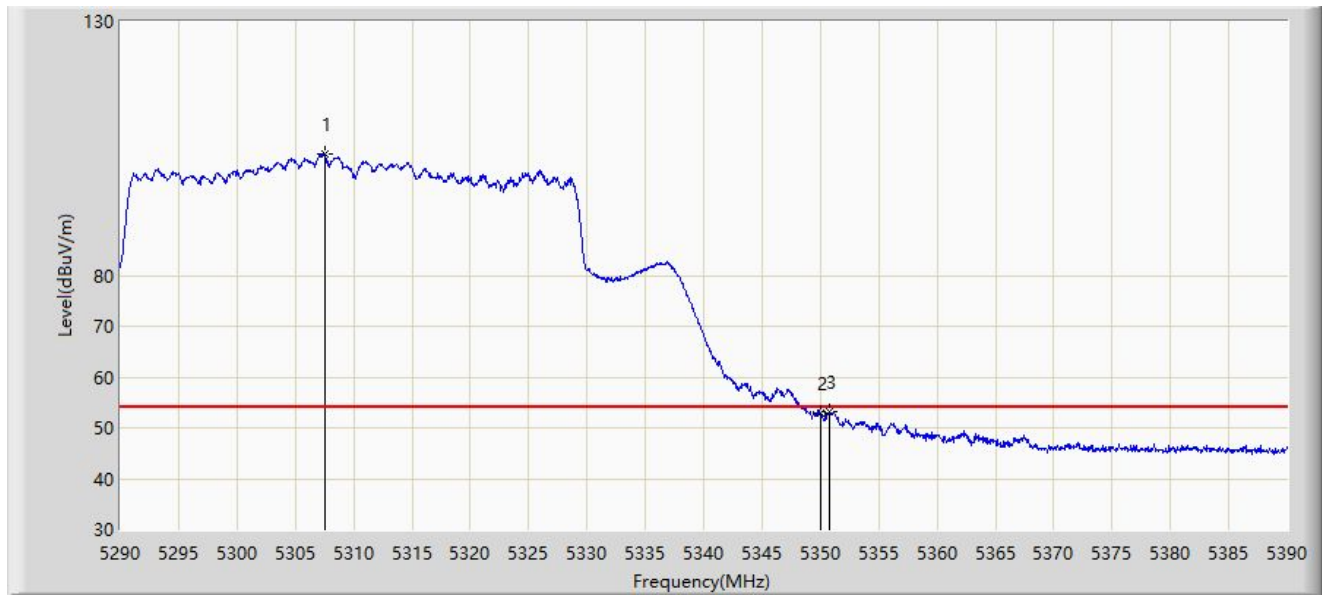
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5307.100	111.915	72.717	N/A	N/A	39.199	PK
2		5350.000	62.768	64.218	-11.232	74.000	-1.451	PK
3	*	5350.050	63.735	65.212	-10.265	74.000	-1.478	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5307.500	103.970	64.501	N/A	N/A	39.468	AV
2		5350.000	53.014	54.464	-0.986	54.000	-1.451	AV
3	*	5350.800	53.053	54.916	-0.947	54.000	-1.863	AV

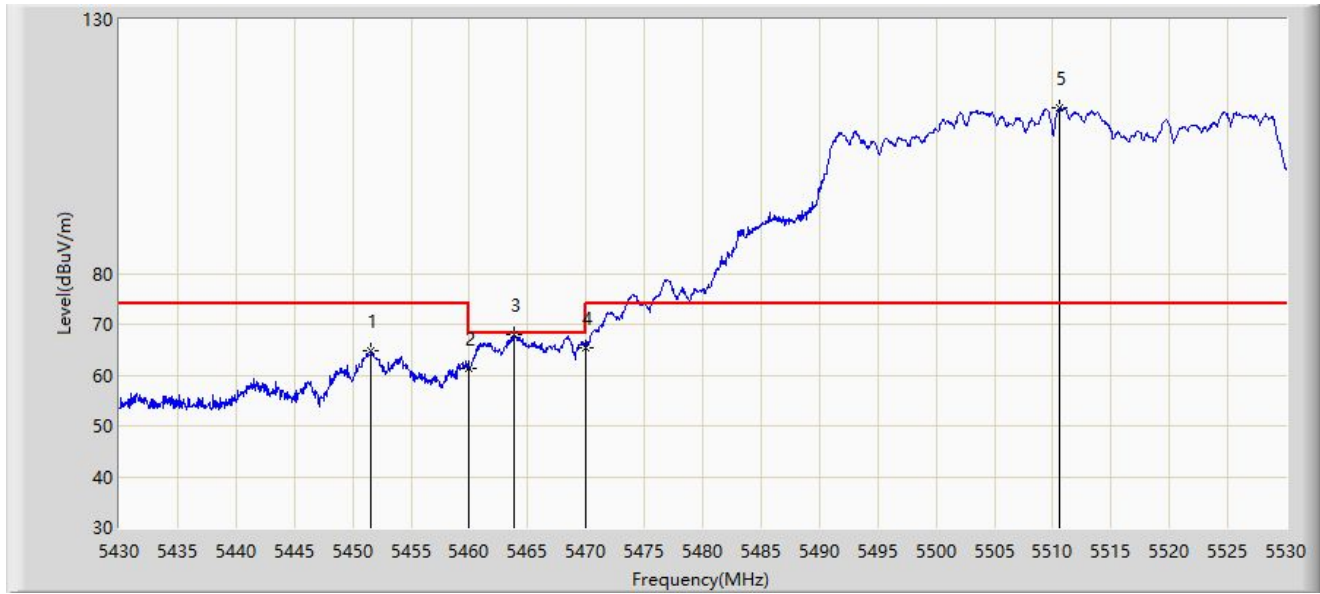
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



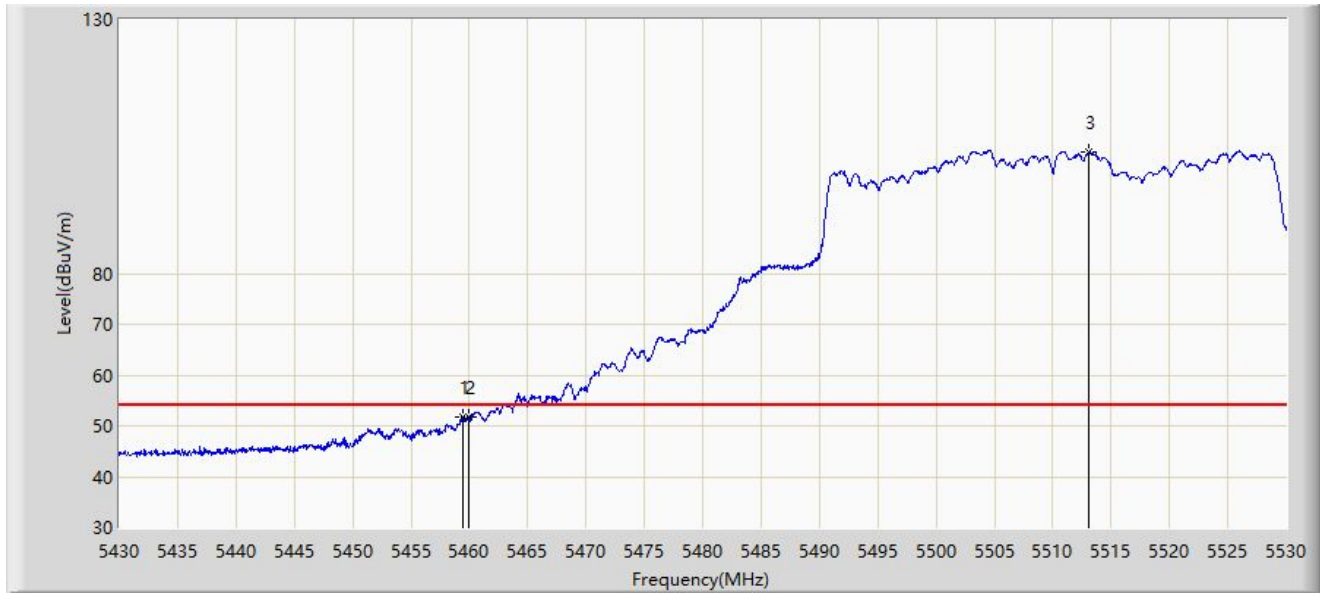
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5451.600	64.751	68.951	-9.249	74.000	-4.200	PK
2		5460.000	61.397	65.072	-6.803	68.200	-3.675	PK
3	*	5463.800	67.922	71.298	-0.278	68.200	-3.376	PK
4		5470.000	65.402	67.334	-2.798	68.200	-1.932	PK
5		5510.600	112.501	73.465	N/A	N/A	39.037	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



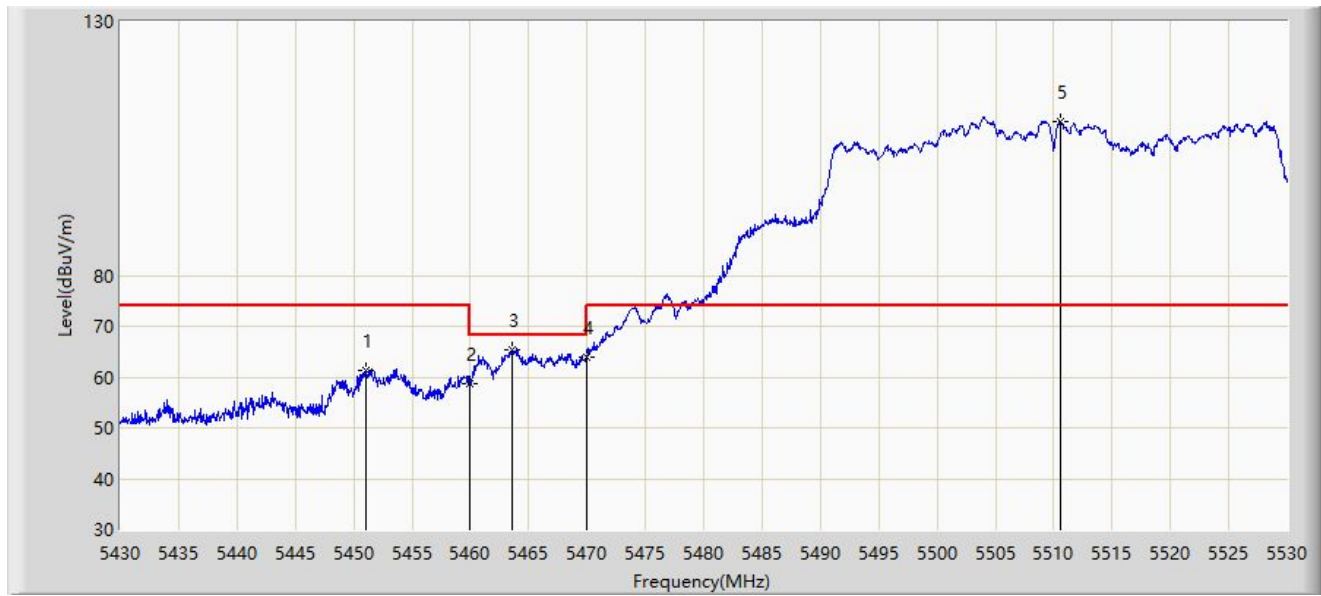
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.500	51.845	55.587	-2.155	54.000	-3.741	AV
2		5460.000	51.642	55.317	-2.358	54.000	-3.675	AV
3		5513.050	103.866	62.644	N/A	N/A	41.222	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5451.000	61.250	65.485	-12.750	74.000	-4.235	PK
2		5460.000	58.729	62.404	-9.471	68.200	-3.675	PK
3	*	5463.600	65.270	68.666	-2.930	68.200	-3.396	PK
4		5470.000	63.831	65.763	-4.369	68.200	-1.932	PK
5		5510.550	110.421	71.411	N/A	N/A	39.010	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



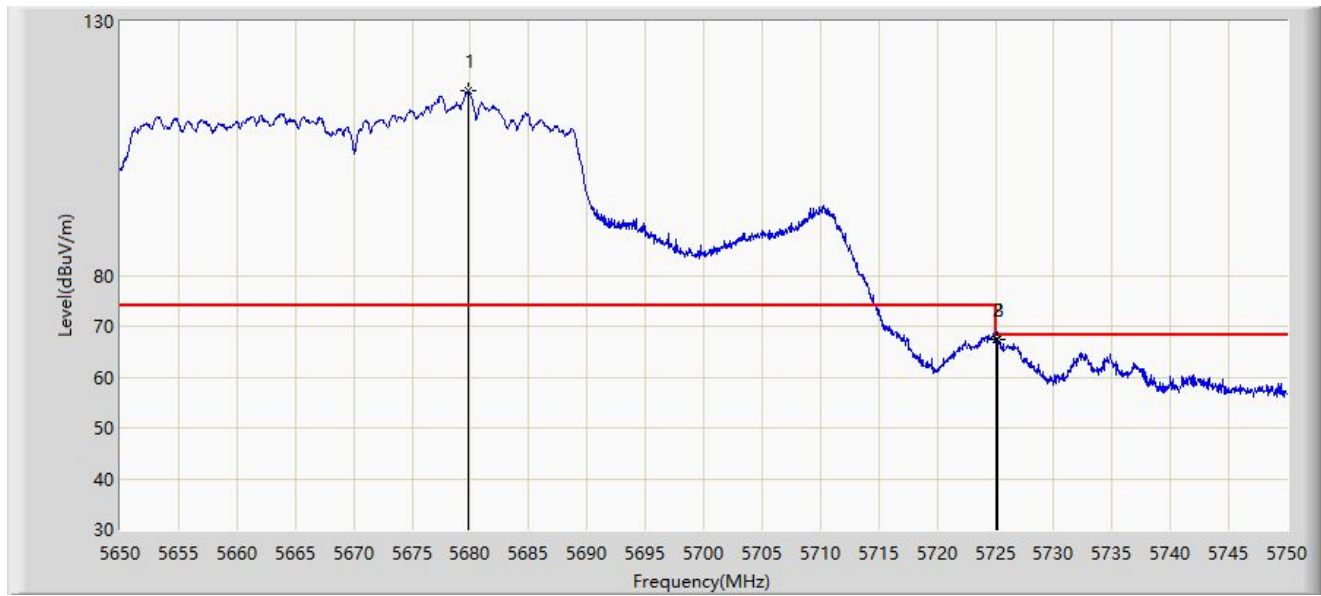
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.400	49.473	53.226	-4.527	54.000	-3.753	AV
2		5460.000	49.405	53.080	-4.595	54.000	-3.675	AV
3		5511.400	101.727	62.202	N/A	N/A	39.526	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



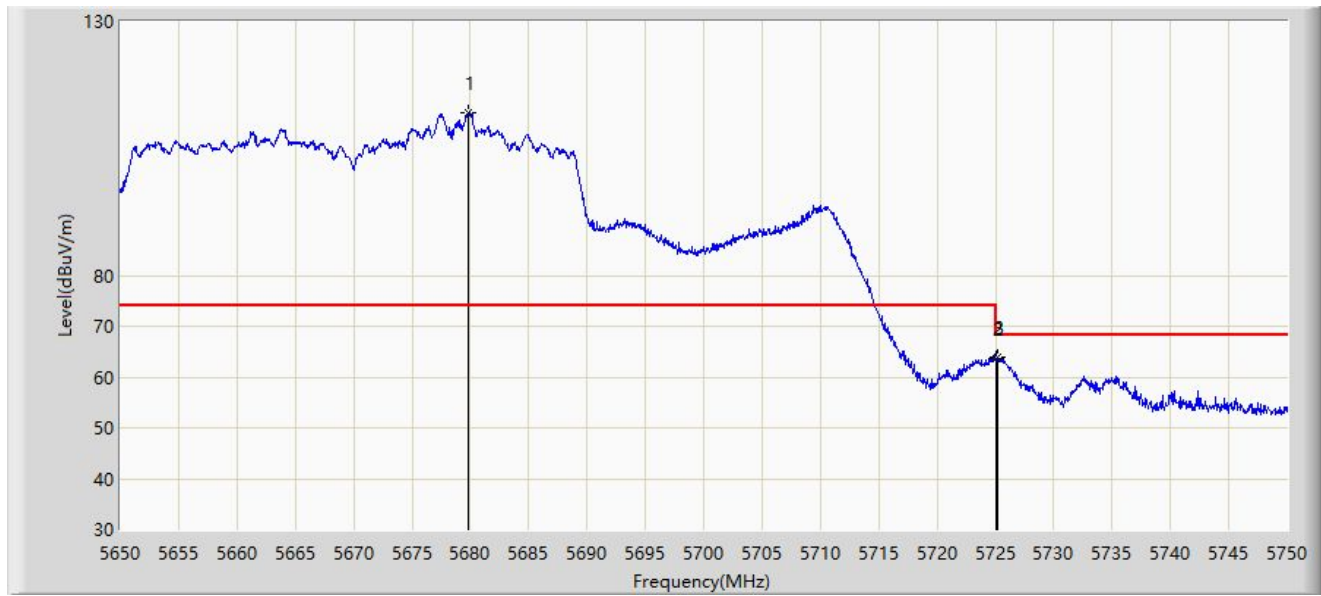
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5679.800	116.355	73.244	N/A	N/A	43.111	PK
2		5725.000	67.254	68.849	-0.946	68.200	-1.596	PK
3	*	5725.150	67.353	69.032	-0.847	68.200	-1.680	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



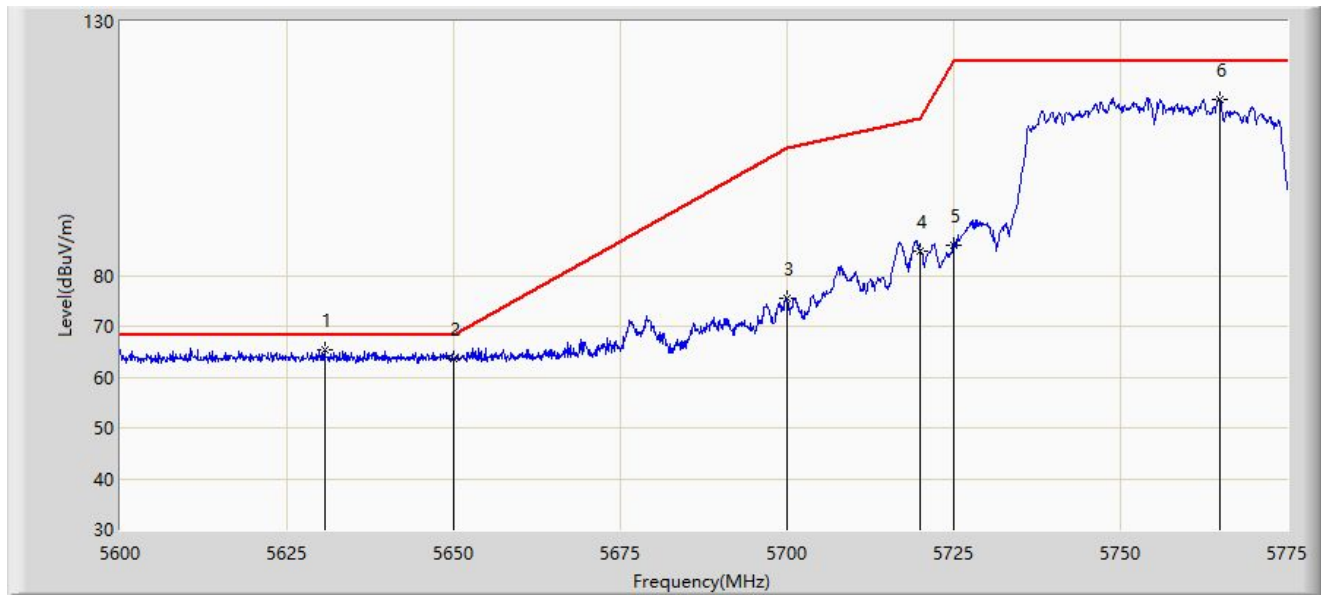
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5679.850	112.048	68.868	N/A	N/A	43.180	PK
2		5725.000	63.730	65.325	-4.470	68.200	-1.596	PK
3	*	5725.150	63.823	65.502	-4.377	68.200	-1.680	PK

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: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



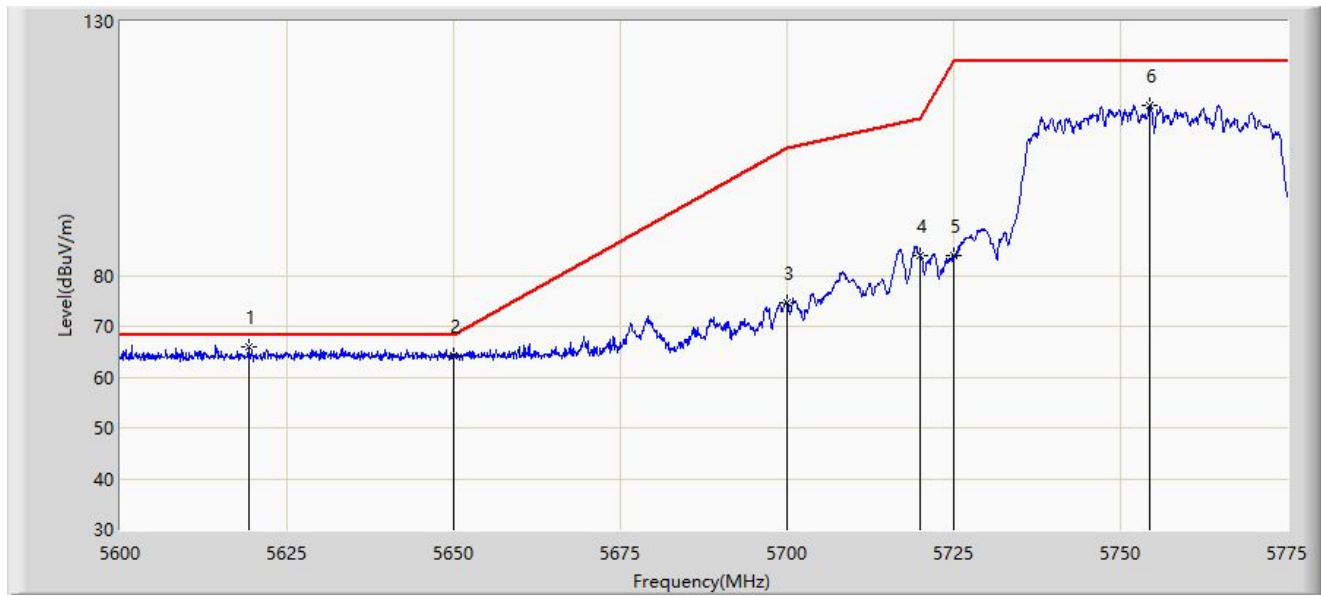
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5630.712	65.459	73.536	-2.741	68.200	-8.078	PK
2		5650.000	63.535	71.640	-4.665	68.200	-8.105	PK
3		5700.000	75.550	83.445	-29.650	105.200	-7.895	PK
4		5720.000	84.781	92.776	-26.019	110.800	-7.996	PK
5		5725.000	86.000	93.981	-36.200	122.200	-7.982	PK
6		5764.850	114.659	122.750	N/A	N/A	-8.091	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5619.250	66.052	74.145	-2.148	68.200	-8.093	PK
2		5650.000	64.225	72.330	-3.975	68.200	-8.105	PK
3		5700.000	74.662	82.557	-30.538	105.200	-7.895	PK
4		5720.000	83.903	91.898	-26.897	110.800	-7.996	PK
5		5725.000	83.778	91.759	-38.422	122.200	-7.982	PK
6		5754.350	113.390	121.514	N/A	N/A	-8.124	PK

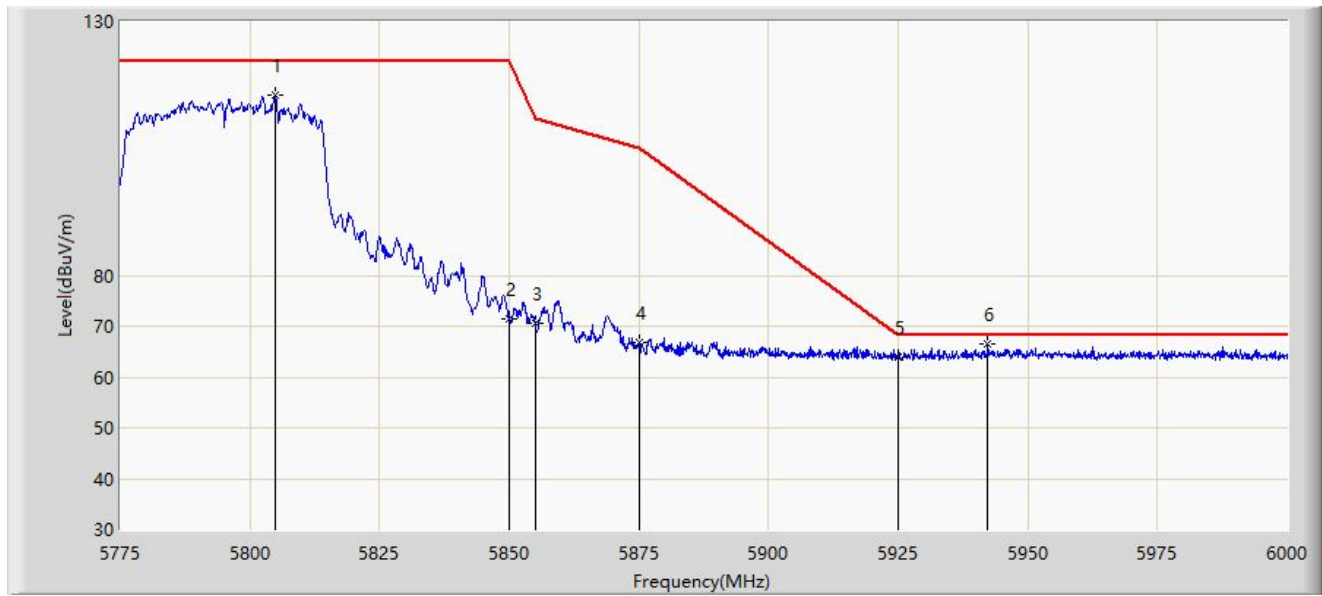
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



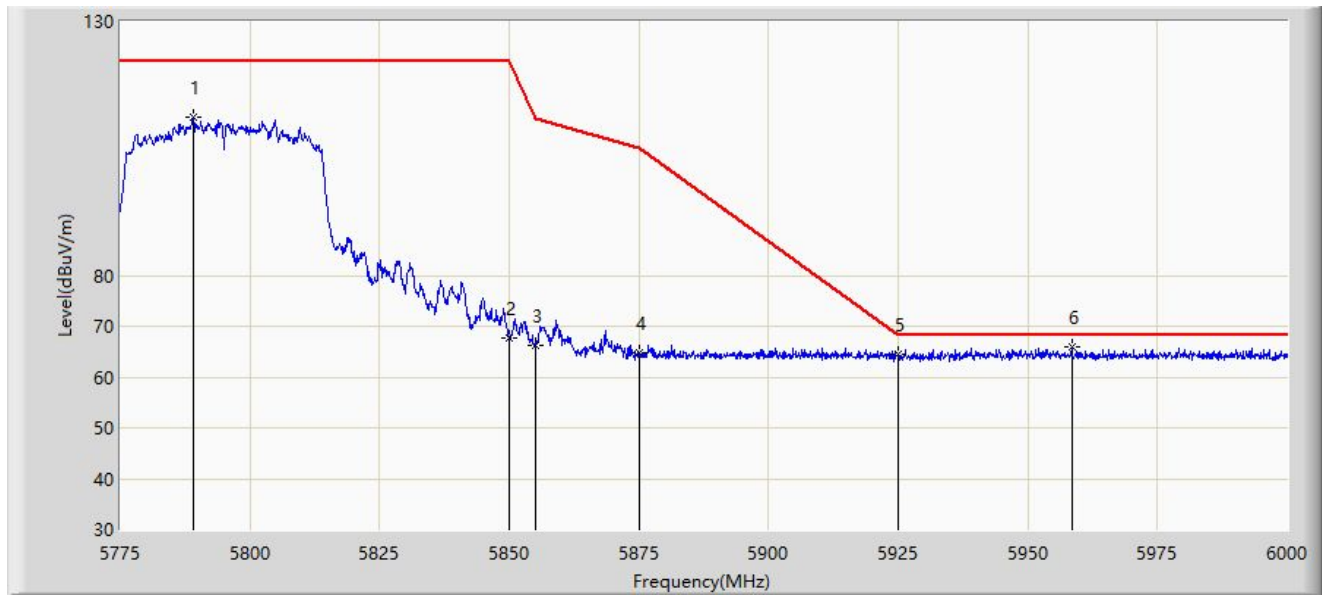
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5804.812	115.435	123.254	N/A	N/A	-7.819	PK
2		5850.000	71.425	79.312	-50.775	122.200	-7.887	PK
3		5855.000	70.545	78.443	-40.255	110.800	-7.898	PK
4		5875.000	66.763	74.674	-38.437	105.200	-7.911	PK
5		5925.000	63.831	71.868	-4.369	68.200	-8.038	PK
6	*	5942.288	66.432	74.251	-1.768	68.200	-7.820	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: SIP-AC3	Test Date: 2022-11-28
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



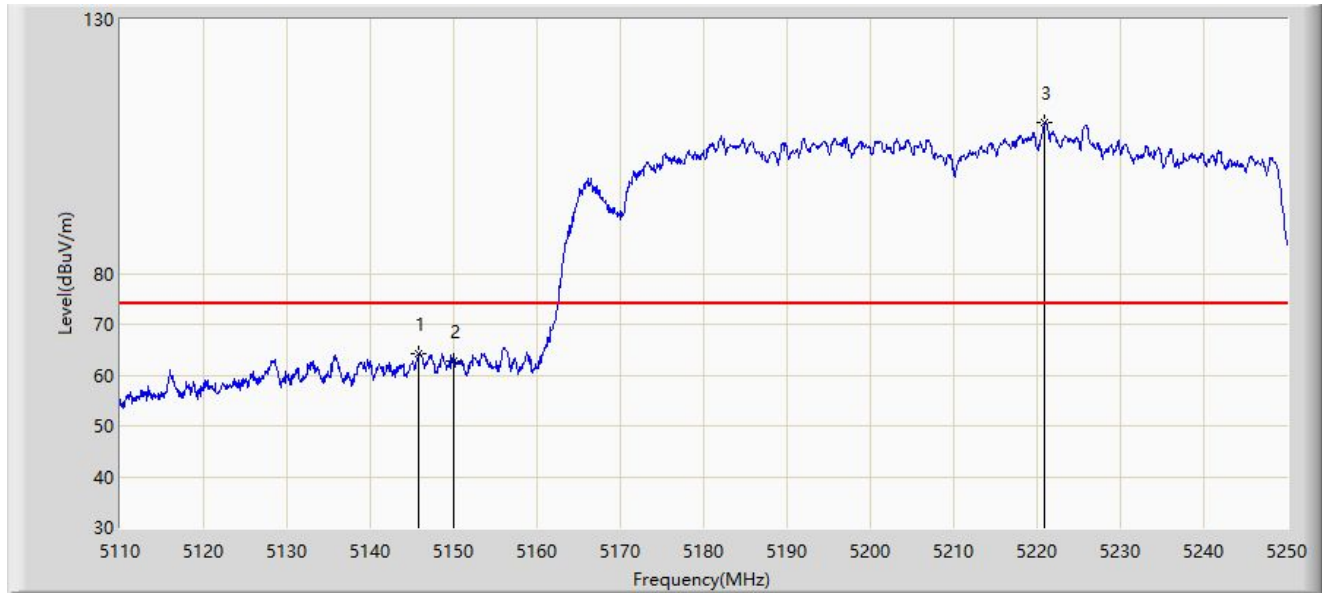
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5789.062	111.085	118.916	N/A	N/A	-7.831	PK
2		5850.000	67.555	75.442	-54.645	122.200	-7.887	PK
3		5855.000	66.104	74.002	-44.696	110.800	-7.898	PK
4		5875.000	64.764	72.675	-40.436	105.200	-7.911	PK
5		5925.000	64.451	72.488	-3.749	68.200	-8.038	PK
6	*	5958.487	65.865	73.704	-2.335	68.200	-7.839	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



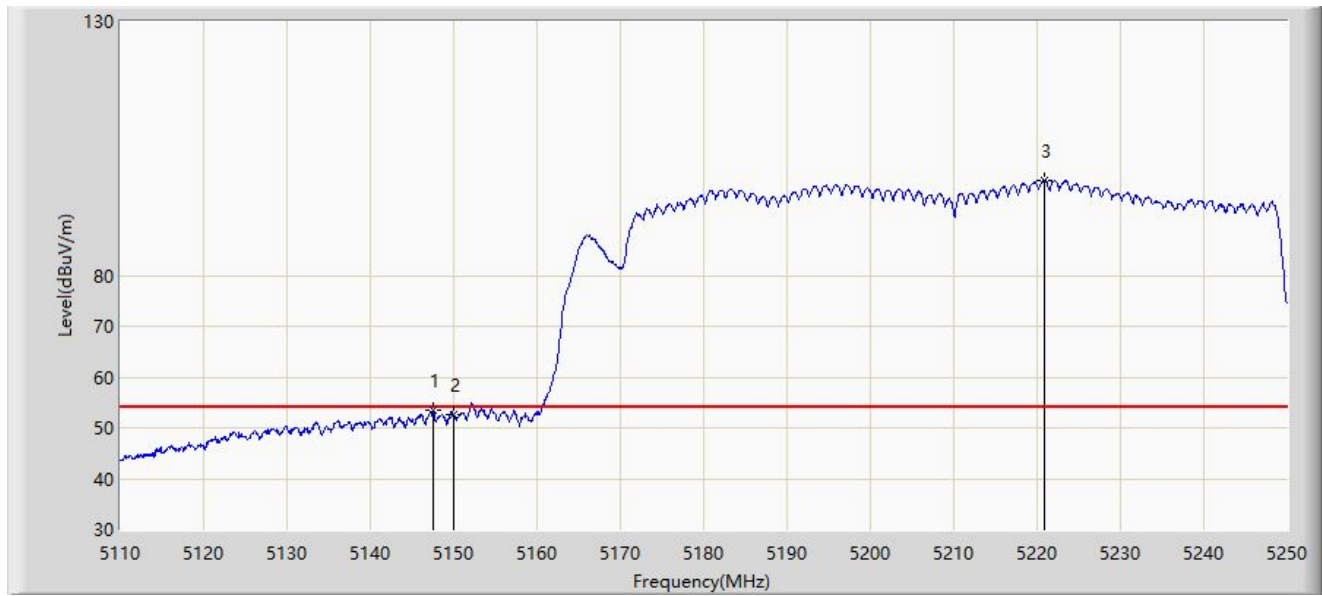
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5145.840	64.189	67.934	-9.811	74.000	-3.745	PK
2		5150.000	62.773	65.798	-11.227	74.000	-3.026	PK
3		5220.880	109.595	66.801	N/A	N/A	42.794	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



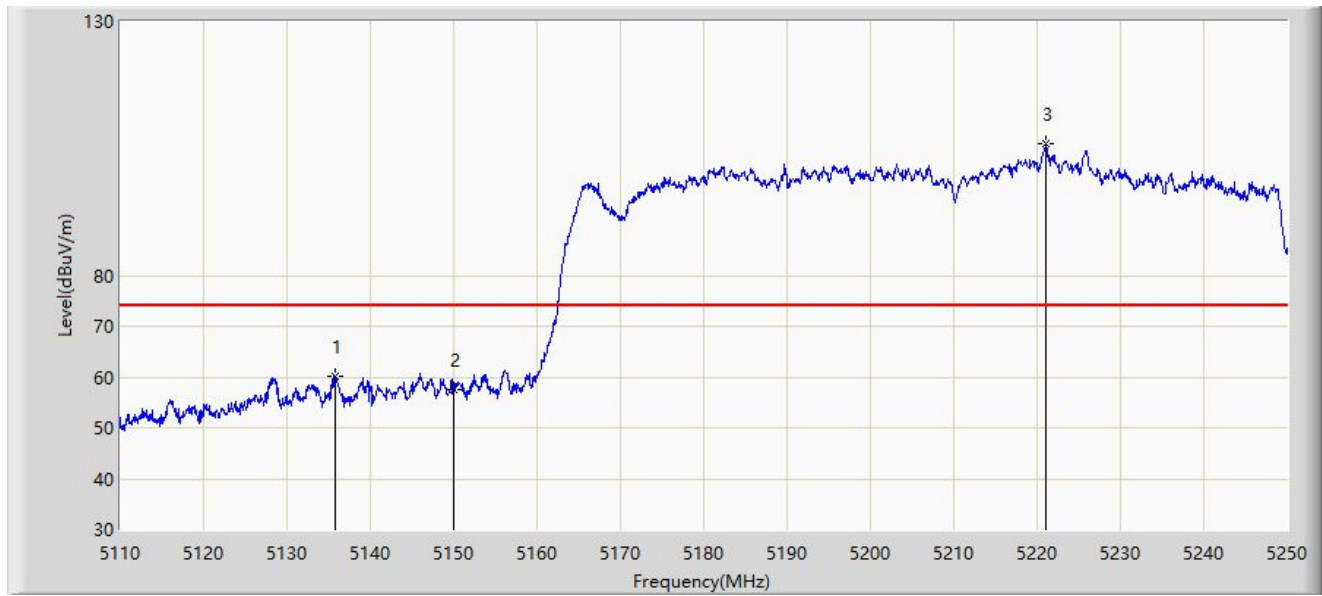
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.520	53.367	56.901	-0.633	54.000	-3.534	AV
2		5150.000	52.520	55.545	-1.480	54.000	-3.026	AV
3		5220.950	98.555	55.855	N/A	N/A	42.701	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



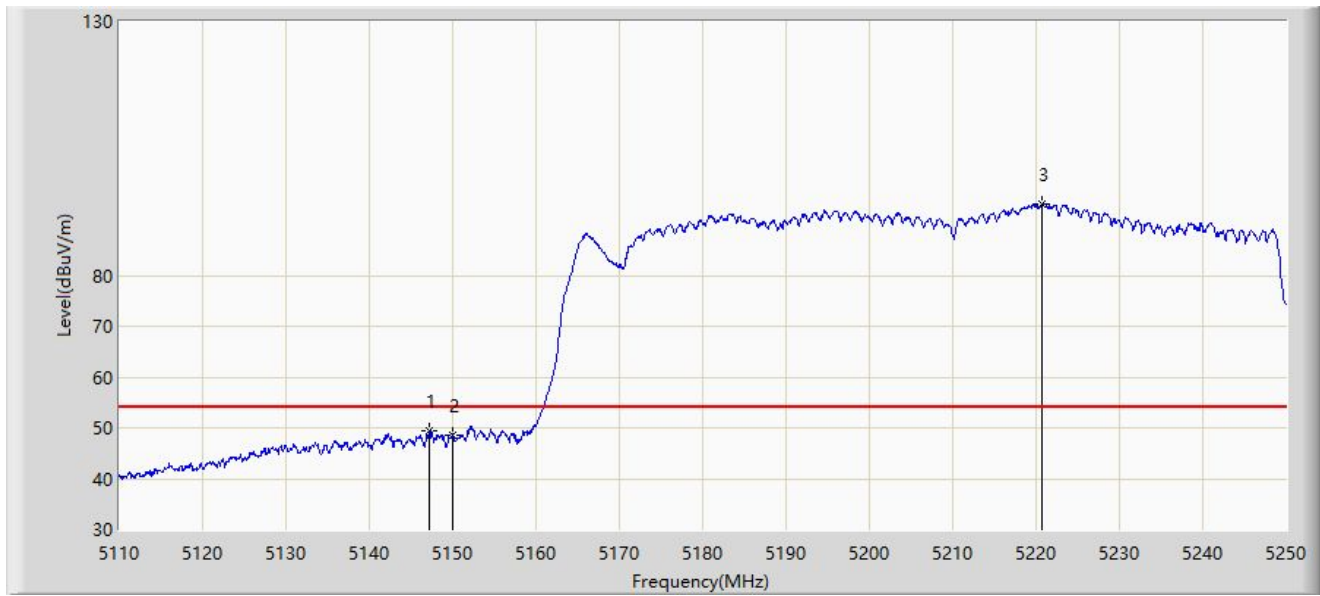
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5135.830	60.055	64.352	-13.945	74.000	-4.297	PK
2		5150.000	57.423	60.448	-16.577	74.000	-3.026	PK
3		5221.090	105.900	63.386	N/A	N/A	42.514	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



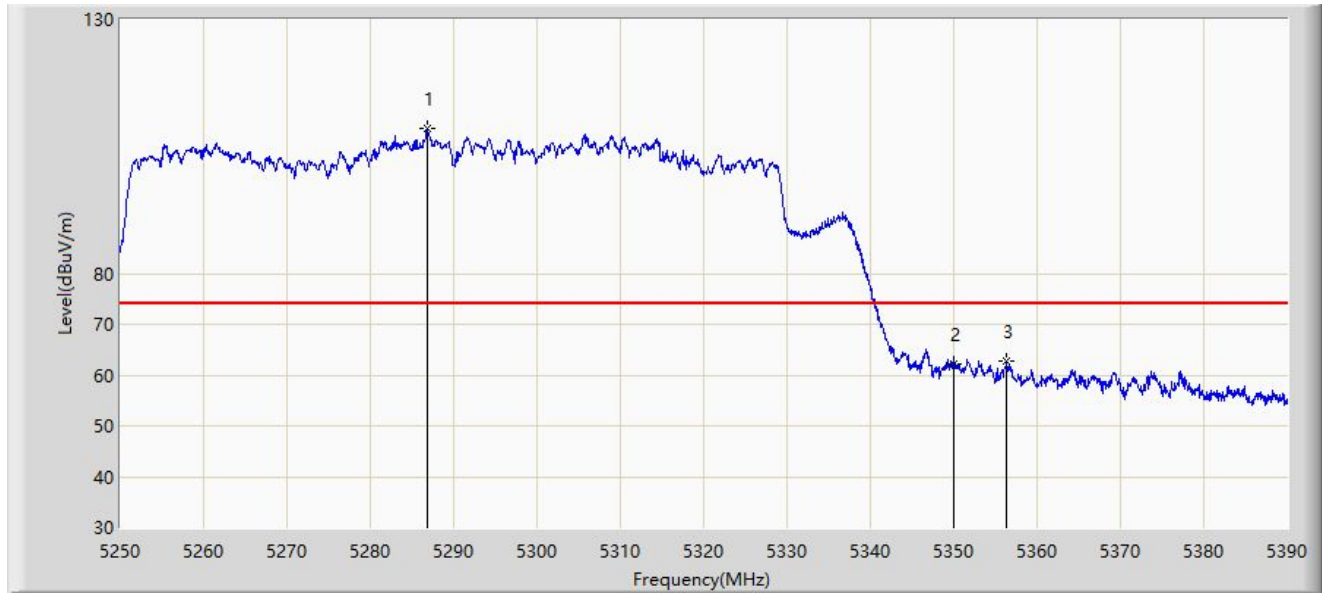
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5147.240	49.440	53.038	-4.560	54.000	-3.598	AV
2		5150.000	48.518	51.543	-5.482	54.000	-3.026	AV
3		5220.740	94.201	51.219	N/A	N/A	42.981	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



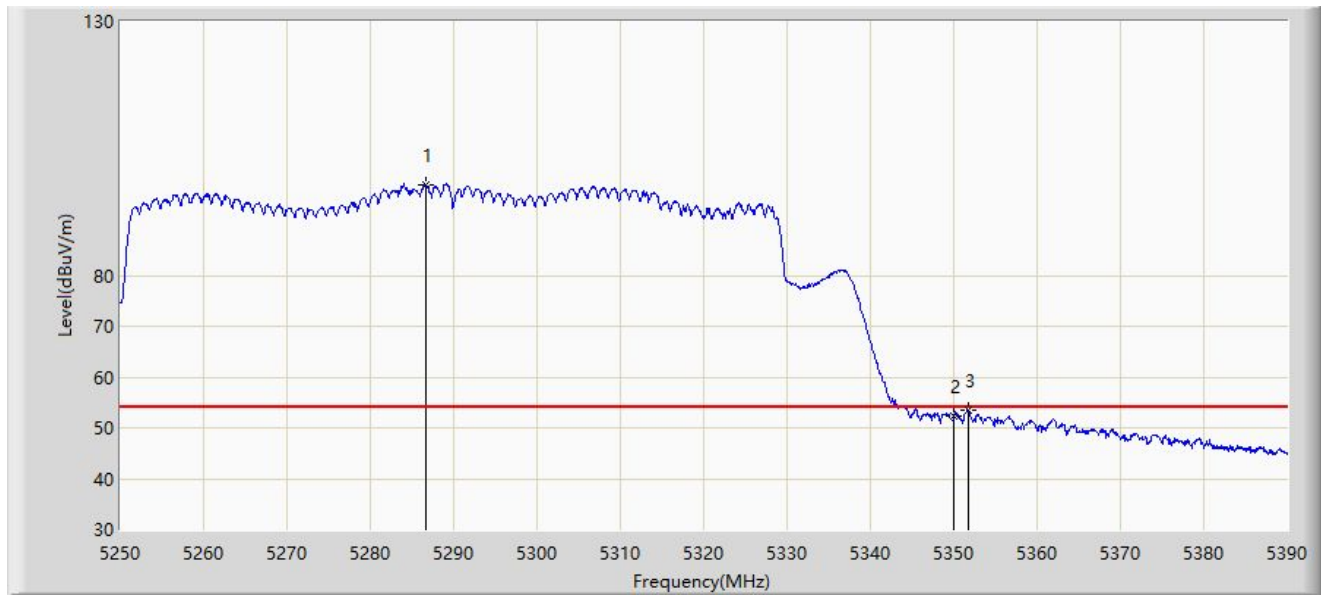
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5286.820	108.437	67.727	N/A	N/A	40.711	PK
2		5350.000	62.115	63.565	-11.885	74.000	-1.451	PK
3	*	5356.400	62.858	66.419	-11.142	74.000	-3.561	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5286.680	97.963	57.121	N/A	N/A	40.842	AV
2		5350.000	52.249	53.699	-1.751	54.000	-1.451	AV
3	*	5351.710	53.440	55.689	-0.560	54.000	-2.249	AV

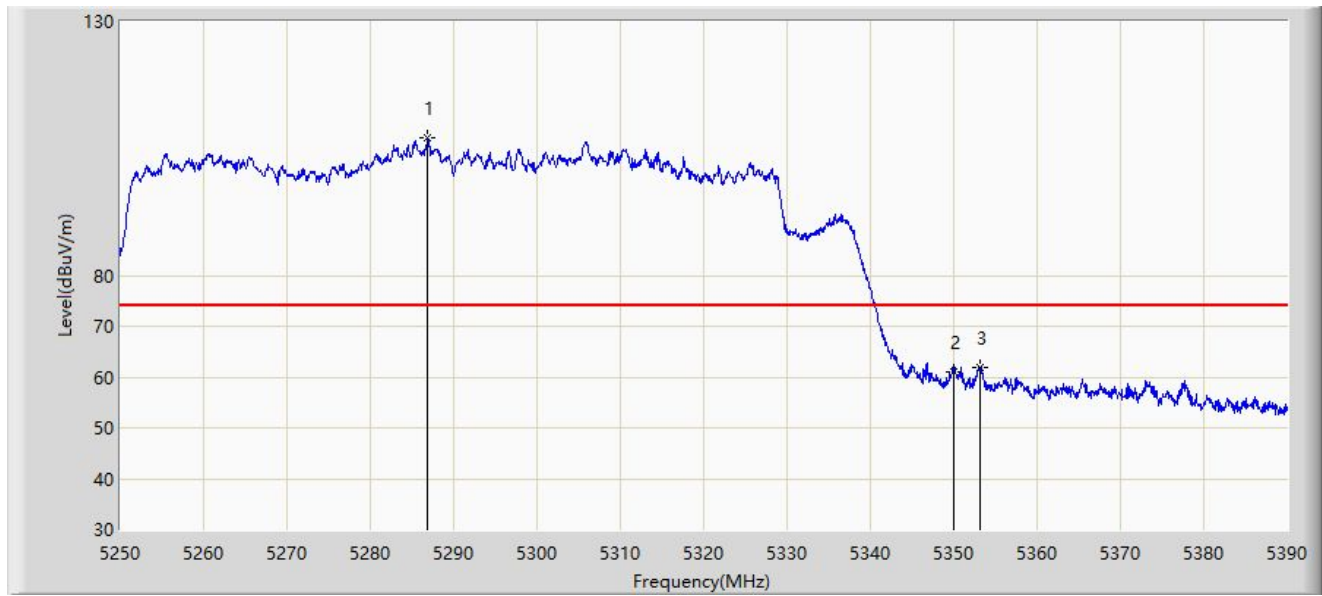
Note 1: " \* ", means this data is the worst emission level.

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



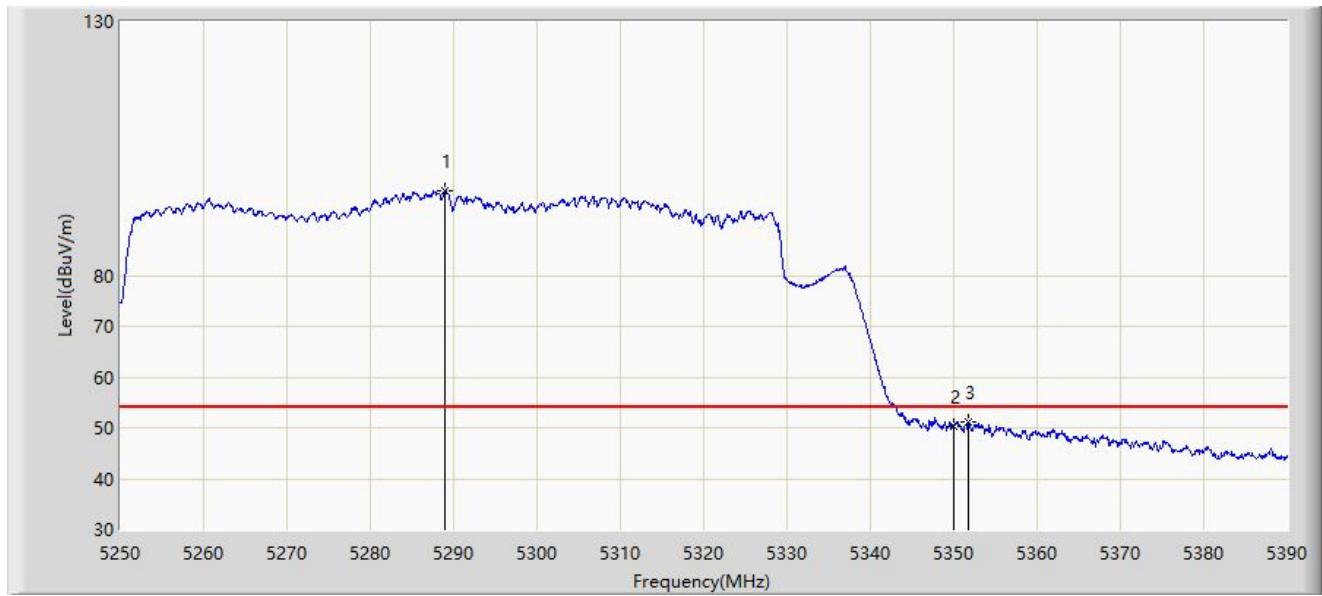
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5286.890	107.116	66.471	N/A	N/A	40.645	PK
2		5350.000	61.051	62.501	-12.949	74.000	-1.451	PK
3	*	5353.180	61.844	64.595	-12.156	74.000	-2.752	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



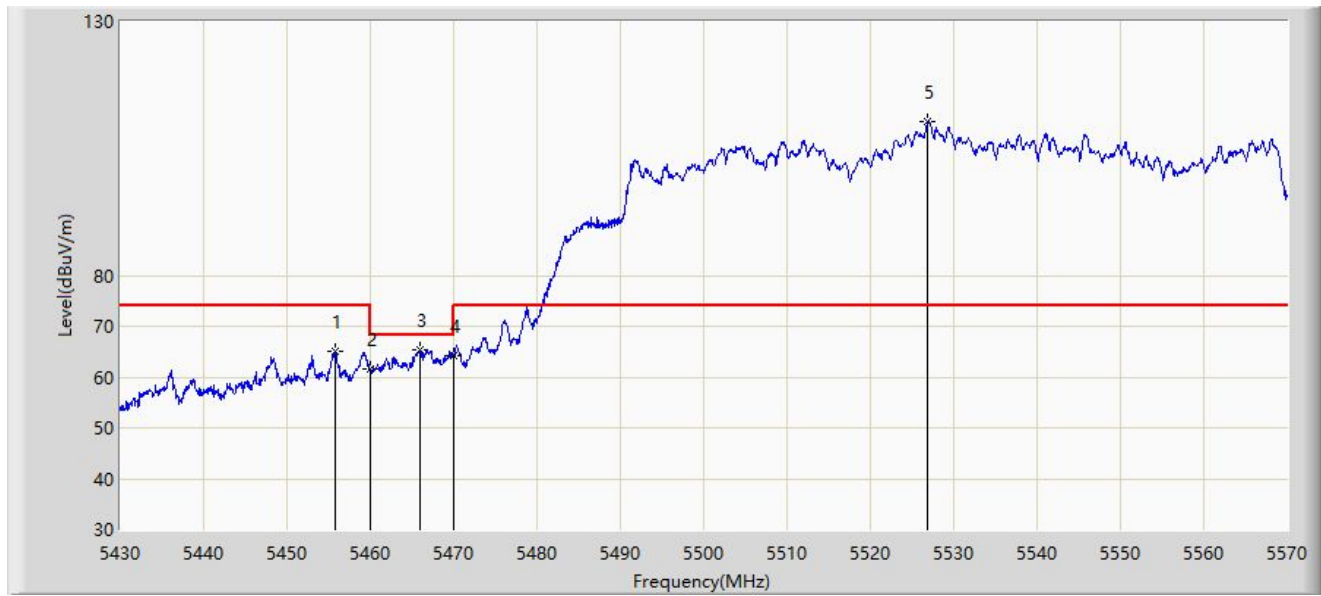
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5288.990	96.730	57.564	N/A	N/A	39.166	AV
2		5350.000	50.418	51.868	-3.582	54.000	-1.451	AV
3	*	5351.710	51.024	53.273	-2.976	54.000	-2.249	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



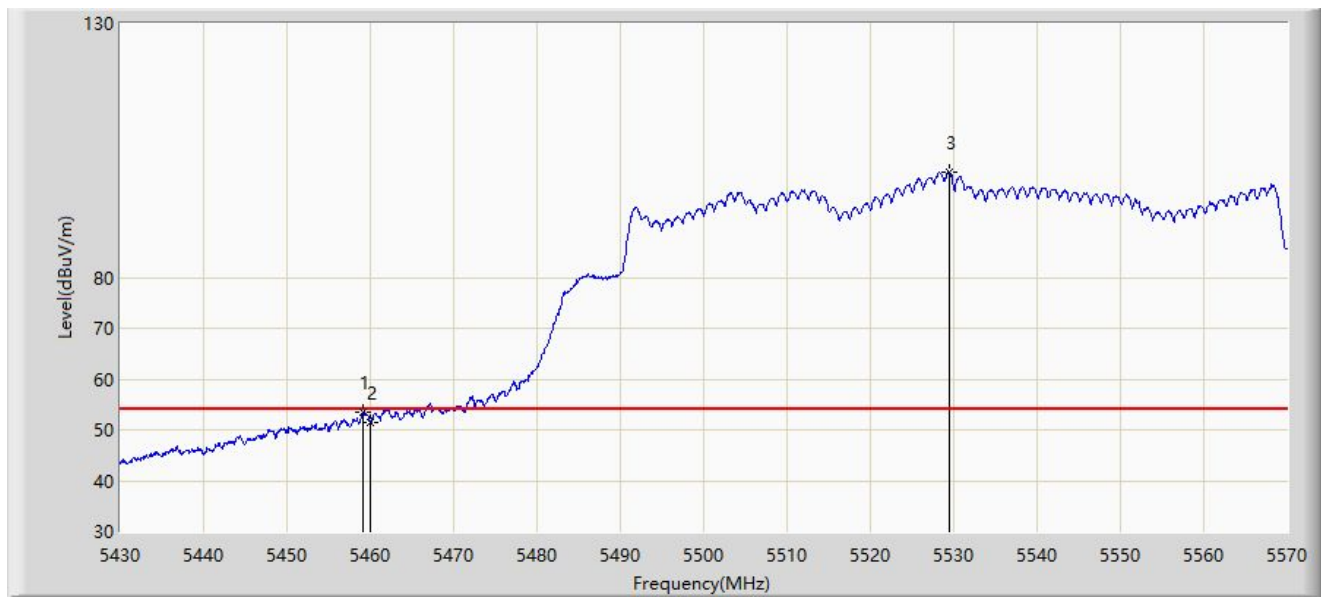
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5455.760	65.144	69.137	-8.856	74.000	-3.993	PK
2		5460.000	61.676	65.351	-6.524	68.200	-3.675	PK
3	*	5466.050	65.330	68.350	-2.870	68.200	-3.020	PK
4		5470.000	64.283	66.215	-3.917	68.200	-1.932	PK
5		5526.880	110.154	67.985	N/A	N/A	42.169	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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



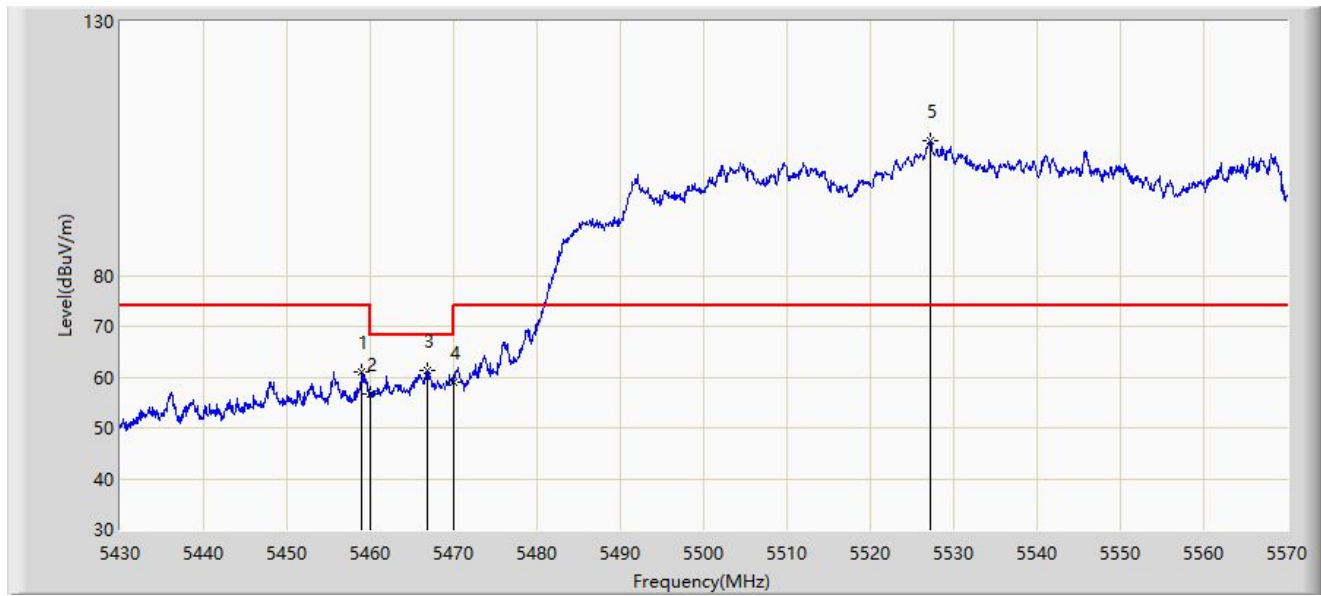
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5459.190	53.607	57.382	-0.393	54.000	-3.776	AV
2		5460.000	51.567	55.242	-2.433	54.000	-3.675	AV
3		5529.400	100.856	53.862	N/A	N/A	46.994	AV

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



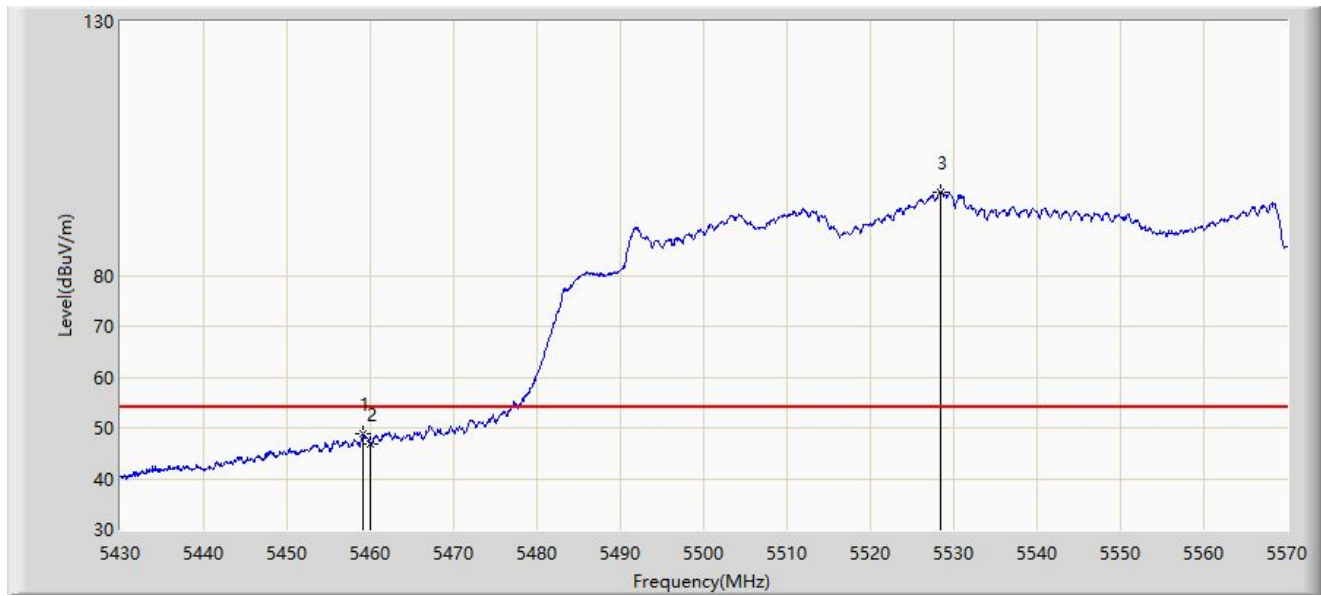
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5458.980	61.050	64.845	-12.950	74.000	-3.795	PK
2		5460.000	56.651	60.326	-11.549	68.200	-3.675	PK
3	*	5466.820	61.232	64.107	-6.968	68.200	-2.875	PK
4		5470.000	59.125	61.057	-9.075	68.200	-1.932	PK
5		5527.160	106.398	63.711	N/A	N/A	42.687	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



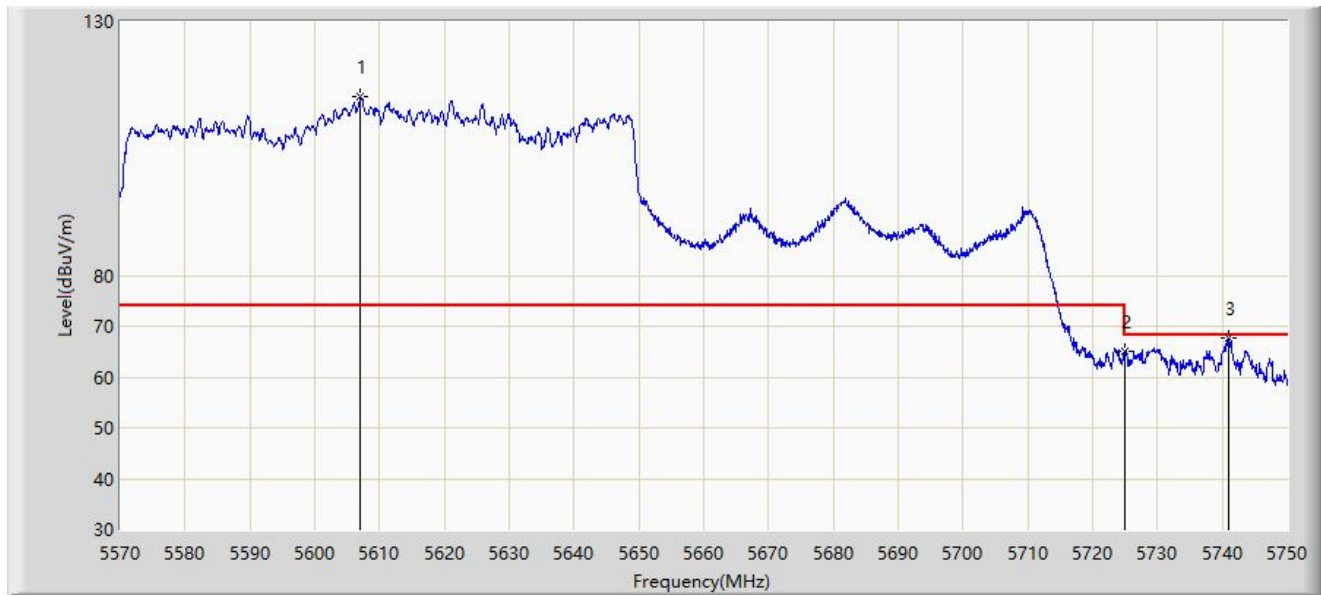
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.190	48.901	52.676	-5.099	54.000	-3.776	AV
2		5460.000	46.749	50.424	-7.251	54.000	-3.675	AV
3		5528.350	96.409	51.350	N/A	N/A	45.059	AV

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



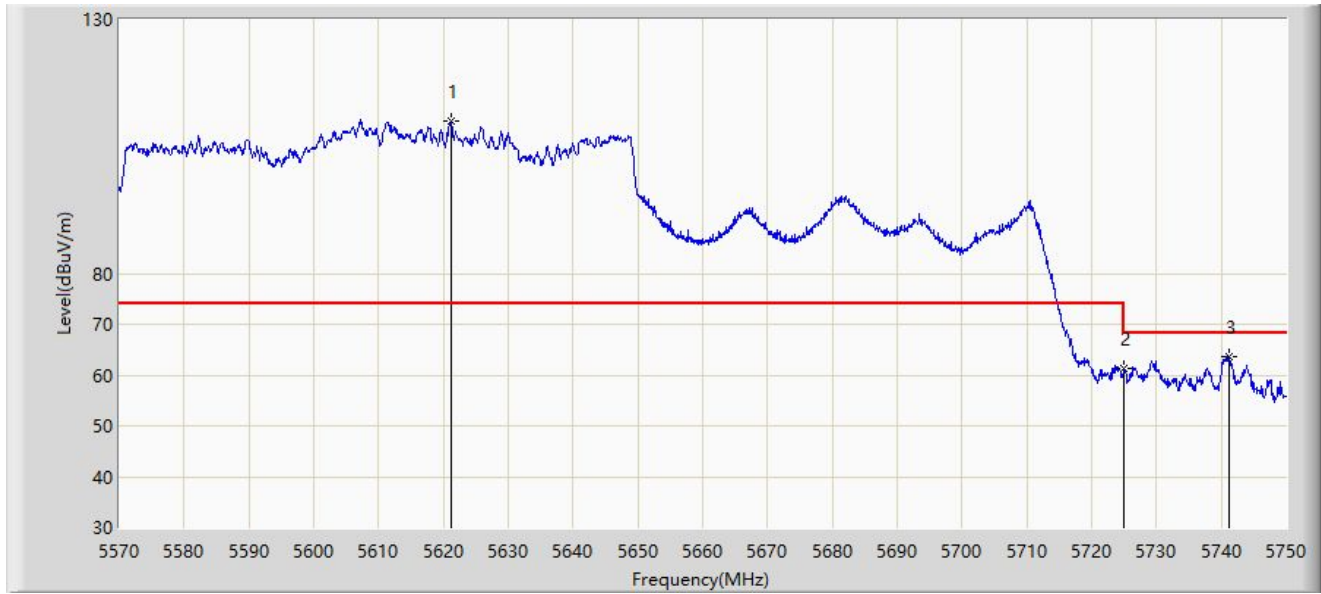
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5607.080	115.285	74.008	N/A	N/A	41.277	PK
2		5725.000	65.011	66.606	-3.189	68.200	-1.596	PK
3	*	5740.910	67.677	72.095	-0.523	68.200	-4.418	PK

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: SIP-AC3	Test Date: 2022-11-27
Limit: FCC_5G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1		5621.120	110.038	71.496	N/A	N/A	38.543	PK
2		5725.000	61.288	62.883	-6.912	68.200	-1.596	PK
3	*	5741.180	63.768	68.211	-4.432	68.200	-4.443	PK

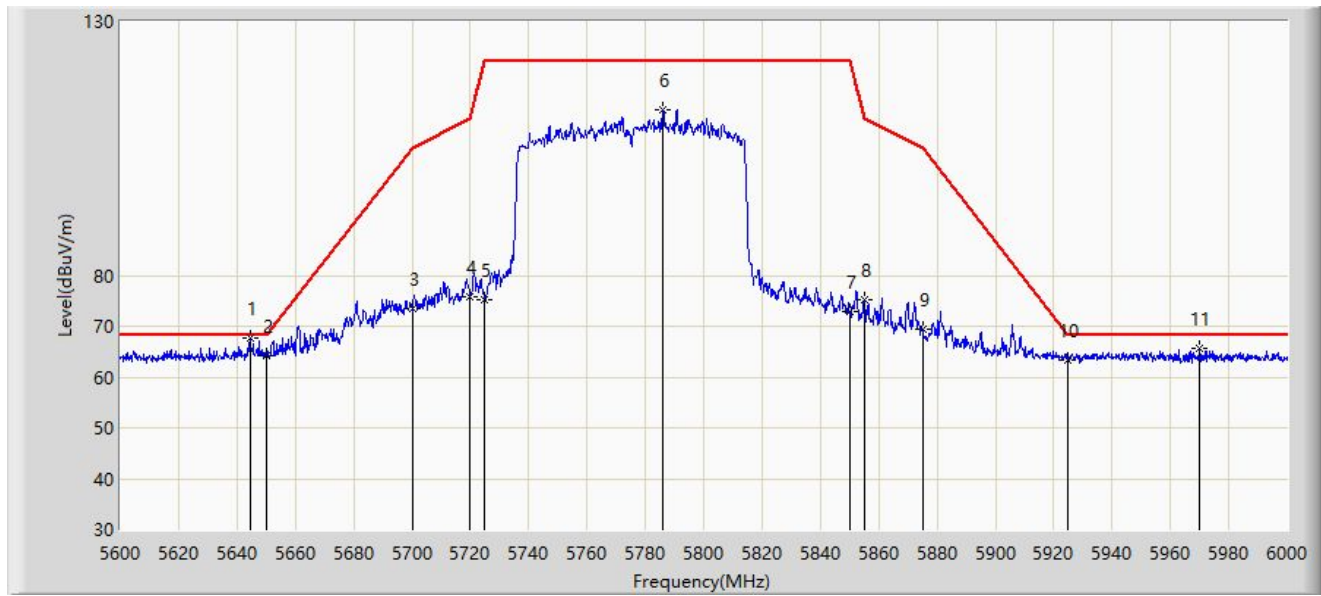
Note 1: " \* ", means this data is the worst emission level.

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

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



Site: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5775MHz	



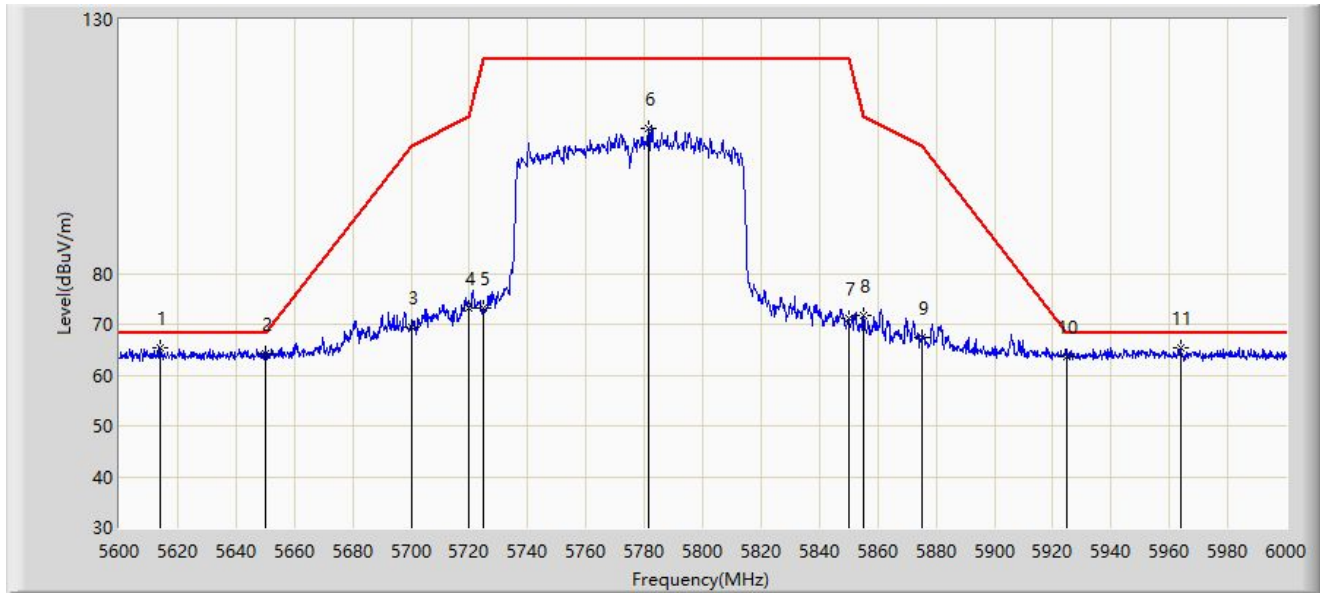
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Margin (dB)	Limit (dBuV/m)	Factor (dB/m)	Type
1	*	5644.600	67.811	75.923	-0.389	68.200	-8.112	PK
2		5650.000	64.205	72.310	-3.995	68.200	-8.105	PK
3		5700.000	73.584	81.479	-31.616	105.200	-7.895	PK
4		5720.000	75.787	83.782	-35.013	110.800	-7.996	PK
5		5725.000	75.343	83.324	-46.857	122.200	-7.982	PK
6		5786.000	112.716	120.560	N/A	N/A	-7.844	PK
7		5850.000	72.847	80.734	-49.353	122.200	-7.887	PK
8		5855.000	75.243	83.141	-35.557	110.800	-7.898	PK
9		5875.000	69.492	77.403	-35.708	105.200	-7.911	PK
10		5925.000	63.386	71.423	-4.814	68.200	-8.038	PK
11		5970.000	65.596	73.477	-2.604	68.200	-7.882	PK

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

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

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

Site: SIP-AC3	Test Date: 2022-11-29
Limit: FCC_5.8G_RE(3m)	Engineer: Arvin Ding
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: GPON HGU	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5775MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5614.200	65.270	73.406	-2.930	68.200	-8.136	PK
2		5650.000	64.191	72.296	-4.009	68.200	-8.105	PK
3		5700.000	69.434	77.329	-35.766	105.200	-7.895	PK
4		5720.000	73.076	81.071	-37.724	110.800	-7.996	PK
5		5725.000	73.161	81.142	-49.039	122.200	-7.982	PK
6		5781.400	108.479	116.341	N/A	N/A	-7.862	PK
7		5850.000	71.110	78.997	-51.090	122.200	-7.887	PK
8		5855.000	71.760	79.658	-39.040	110.800	-7.898	PK
9		5875.000	67.279	75.190	-37.921	105.200	-7.911	PK
10		5925.000	63.614	71.651	-4.586	68.200	-8.038	PK
11	*	5964.000	65.474	73.377	-2.726	68.200	-7.903	PK

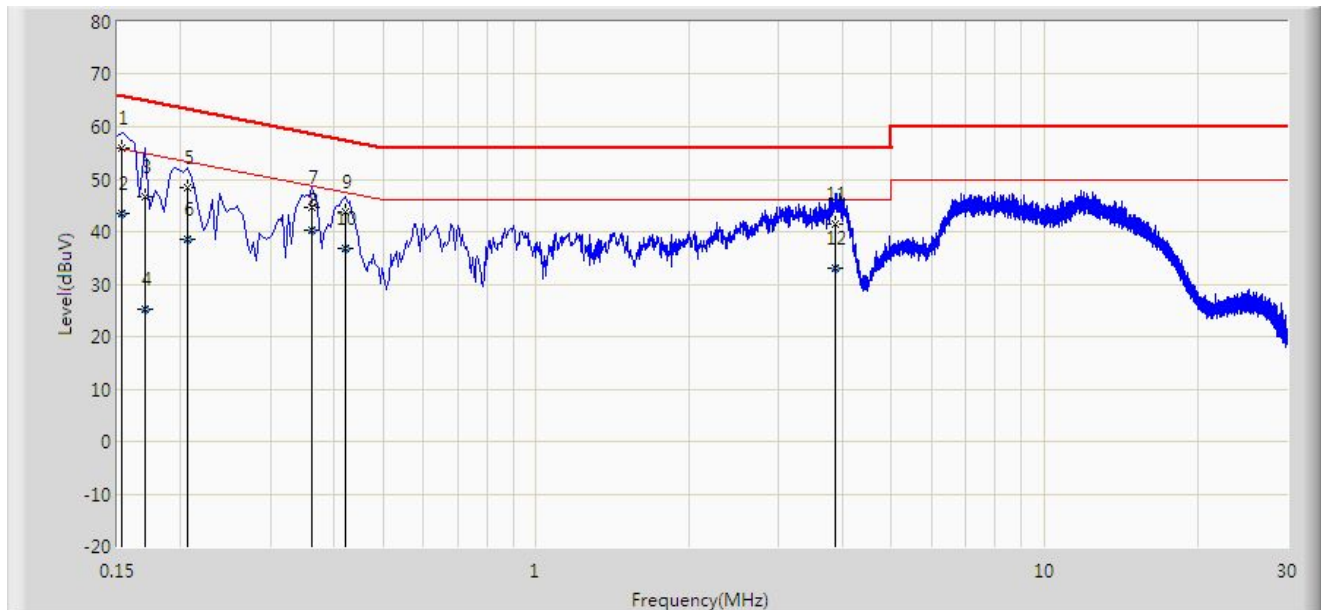
Note 1: " \* ", means this data is the worst emission level.

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: SIP-SR2	Time: 2022/12/14 - 18:57
Temperature: 20.2°C	Humidity: 24.6%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_E	Polarity: Line
EUT: GPON HGU	Power: AC 120V/60Hz
<b>Test Mode:</b> Transmit by 802.11a at 5220MHz	



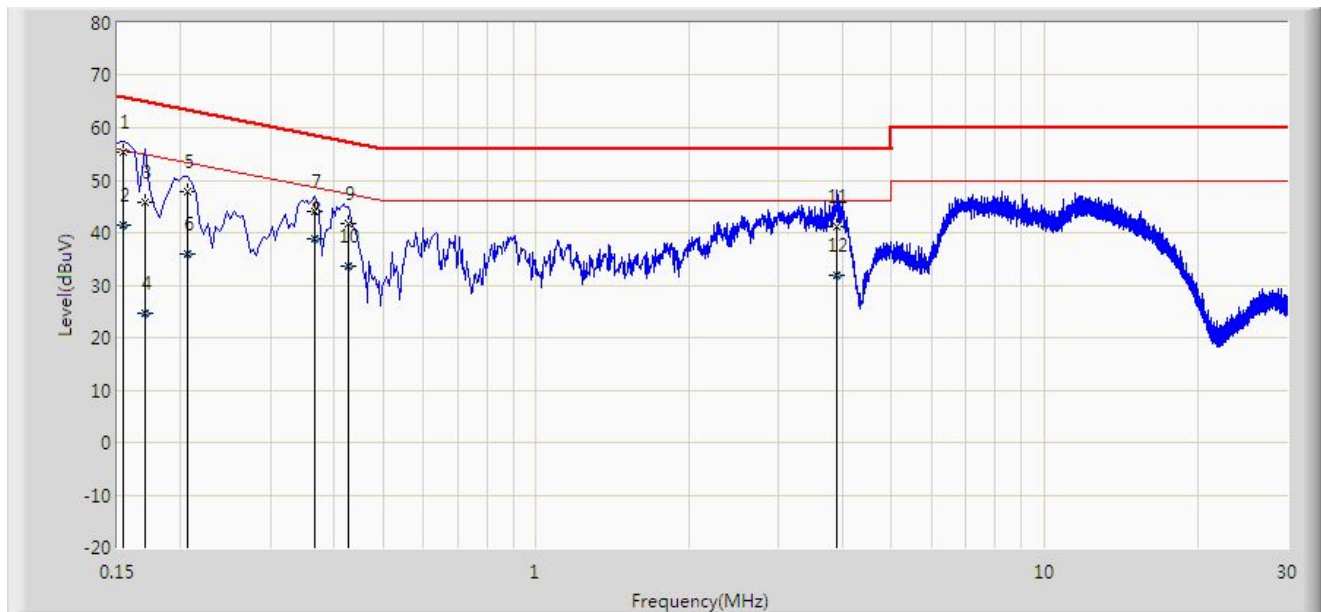
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.153	56.081	46.300	-9.755	65.836	9.781	QP
2		0.153	43.581	33.800	-12.255	55.836	9.781	AV
3		0.170	46.593	36.813	-18.367	64.960	9.780	QP
4		0.170	25.104	15.324	-29.856	54.960	9.780	AV
5		0.206	48.469	38.654	-14.896	63.365	9.815	QP
6		0.206	38.528	28.713	-14.837	53.365	9.815	AV
7		0.362	44.716	34.865	-13.966	58.682	9.851	QP
8	*	0.362	40.251	30.400	-8.431	48.682	9.851	AV
9		0.422	43.658	33.798	-13.751	57.409	9.860	QP
10		0.422	36.933	27.073	-10.476	47.409	9.860	AV
11		3.870	41.509	31.495	-14.491	56.000	10.014	QP
12		3.870	32.950	22.936	-13.050	46.000	10.014	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: SIP-SR2	Time: 2022/12/14 - 19:02
Temperature: 20.2°C	Humidity: 24.6%
Limit: FCC_Part15.207_CE_AC Power	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_E	Polarity: Neutral
EUT: GPON HGU	Power: AC 120V/60Hz
<b>Test Mode:</b> Transmit by 802.11a at 5220MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.154	55.391	45.600	-10.390	65.781	9.791	QP
2		0.154	41.591	31.800	-14.190	55.781	9.791	AV
3		0.170	45.816	36.026	-19.144	64.960	9.790	QP
4		0.170	24.599	14.809	-30.362	54.960	9.790	AV
5		0.206	47.707	37.882	-15.658	63.365	9.825	QP
6		0.206	36.012	26.187	-17.353	53.365	9.825	AV
7		0.366	44.041	34.179	-14.550	58.591	9.862	QP
8	*	0.366	38.945	29.083	-9.646	48.591	9.862	AV
9		0.426	41.693	31.823	-15.638	57.330	9.870	QP
10		0.426	33.725	23.855	-13.605	47.330	9.870	AV
11		3.894	41.098	31.067	-14.902	56.000	10.031	QP
12		3.894	31.906	21.875	-14.094	46.000	10.031	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 “2211RSU063-UT” file.

## **Appendix C – EUT Photograph**

Refer to “2211RSU063-UE” file.

\_\_\_\_\_ The End \_\_\_\_\_