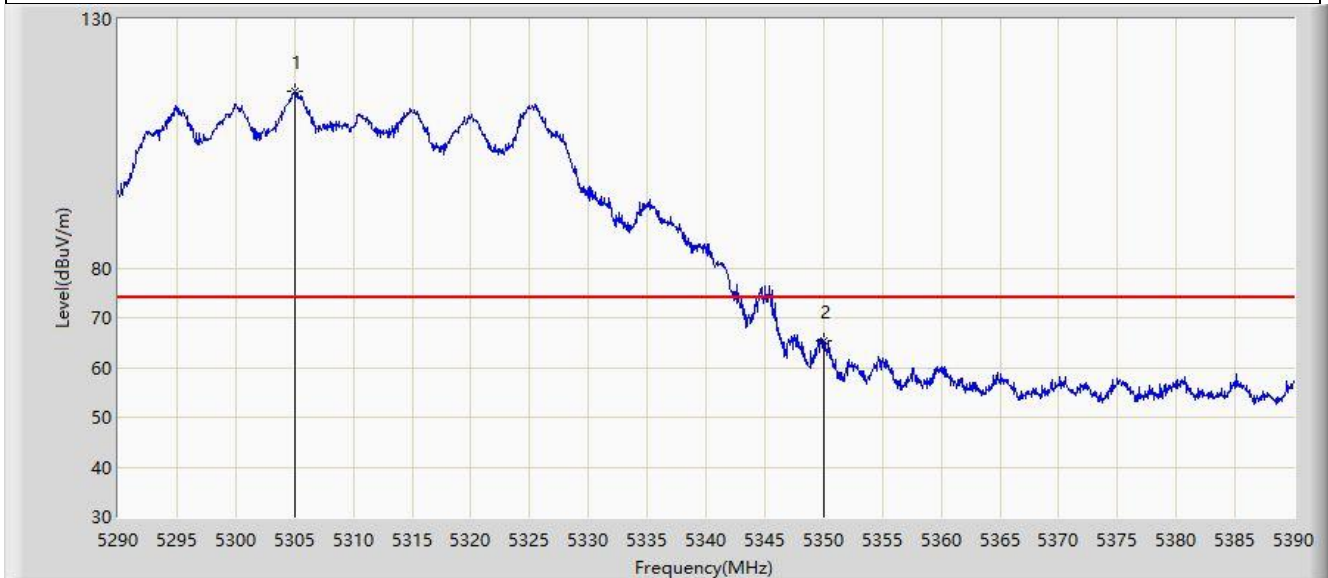


Site: SIP-AC3	Test Date: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5305.100	115.489	77.111	N/A	N/A	38.379	PK
2	*	5350.000	65.329	66.733	-8.671	74.000	-1.404	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



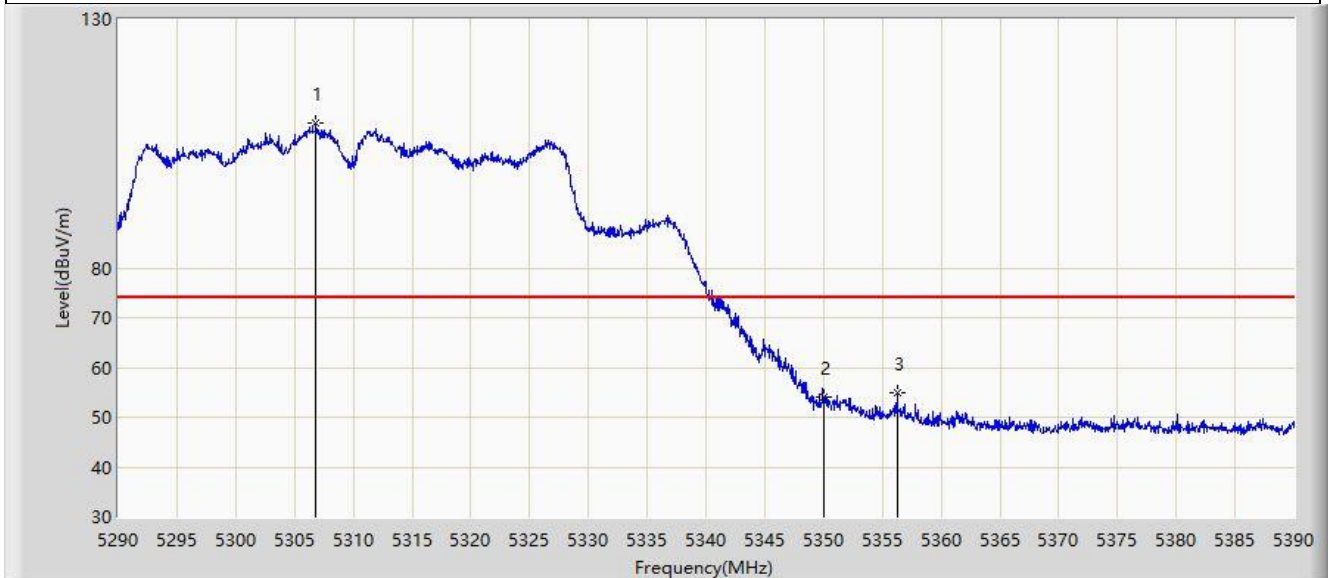
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5305.200	107.066	68.674	N/A	N/A	38.392	AV
2	*	5350.000	53.167	54.571	-0.833	54.000	-1.404	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5310MHz	



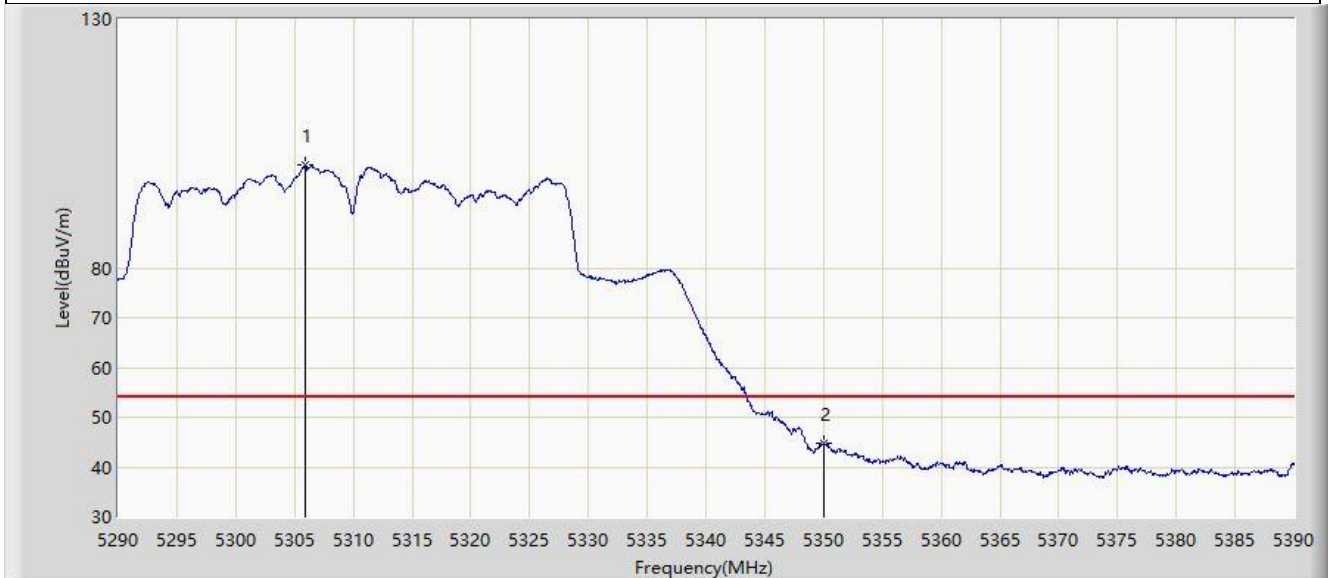
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5306.850	109.108	70.056	N/A	N/A	39.052	PK
2		5350.000	54.004	55.408	-19.996	74.000	-1.404	PK
3	*	5356.300	54.883	58.359	-19.117	74.000	-3.476	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5305.950	100.684	62.066	N/A	N/A	38.619	AV
2	*	5350.000	44.801	46.205	-9.199	54.000	-1.404	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	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		5458.650	63.211	66.675	-10.789	74.000	-3.463	PK
2		5460.000	60.309	63.652	-7.891	68.200	-3.343	PK
3	*	5469.200	67.741	69.572	-0.459	68.200	-1.831	PK
4		5470.000	63.336	64.946	-4.864	68.200	-1.610	PK
5		5513.700	118.769	76.526	N/A	N/A	42.243	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5510MHz	



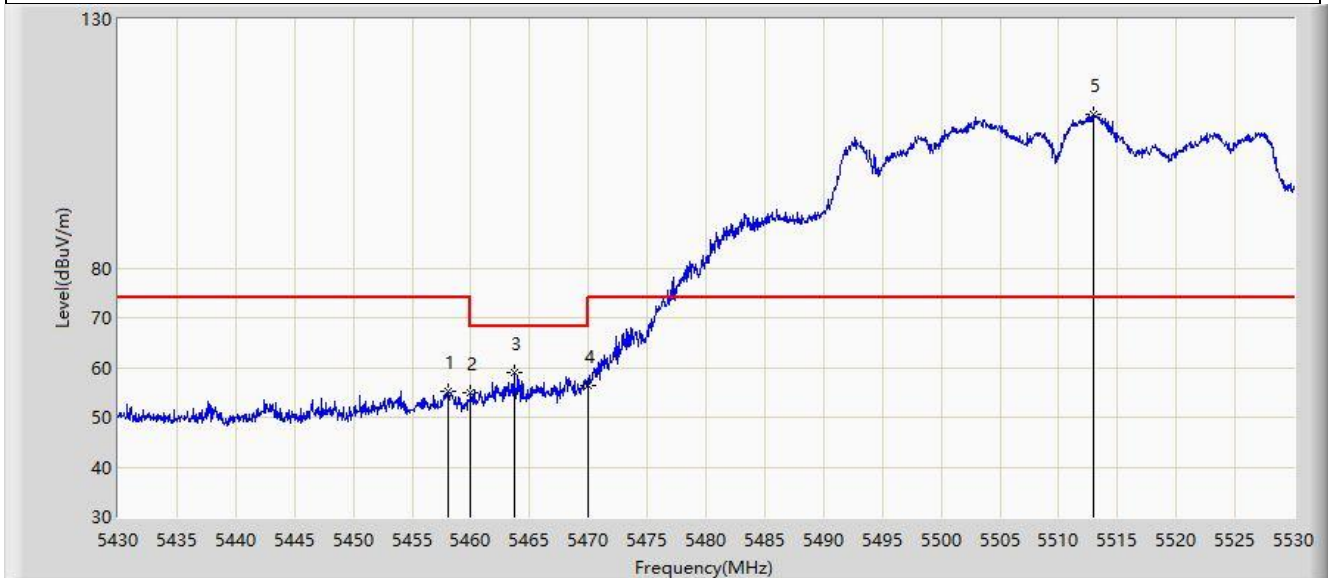
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5458.850	52.939	56.413	-1.061	54.000	-3.473	AV
2		5460.000	50.286	53.629	-3.714	54.000	-3.343	AV
3		5514.100	110.428	68.118	N/A	N/A	42.309	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5458.050	55.304	58.799	-18.696	74.000	-3.495	PK
2		5460.000	54.986	58.329	-13.214	68.200	-3.343	PK
3	*	5463.700	58.957	62.015	-9.243	68.200	-3.057	PK
4		5470.000	56.328	57.938	-11.872	68.200	-1.610	PK
5		5512.950	110.955	69.520	N/A	N/A	41.435	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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	*	5458.300	44.813	48.269	-9.187	54.000	-3.455	AV
2		5460.000	43.883	47.226	-10.117	54.000	-3.343	AV
3		5513.450	103.595	61.555	N/A	N/A	42.040	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	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		5665.700	119.736	76.989	N/A	N/A	42.747	PK
2		5725.000	63.328	65.163	-4.872	68.200	-1.836	PK
3	*	5726.200	67.808	70.272	-0.392	68.200	-2.465	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5670MHz	



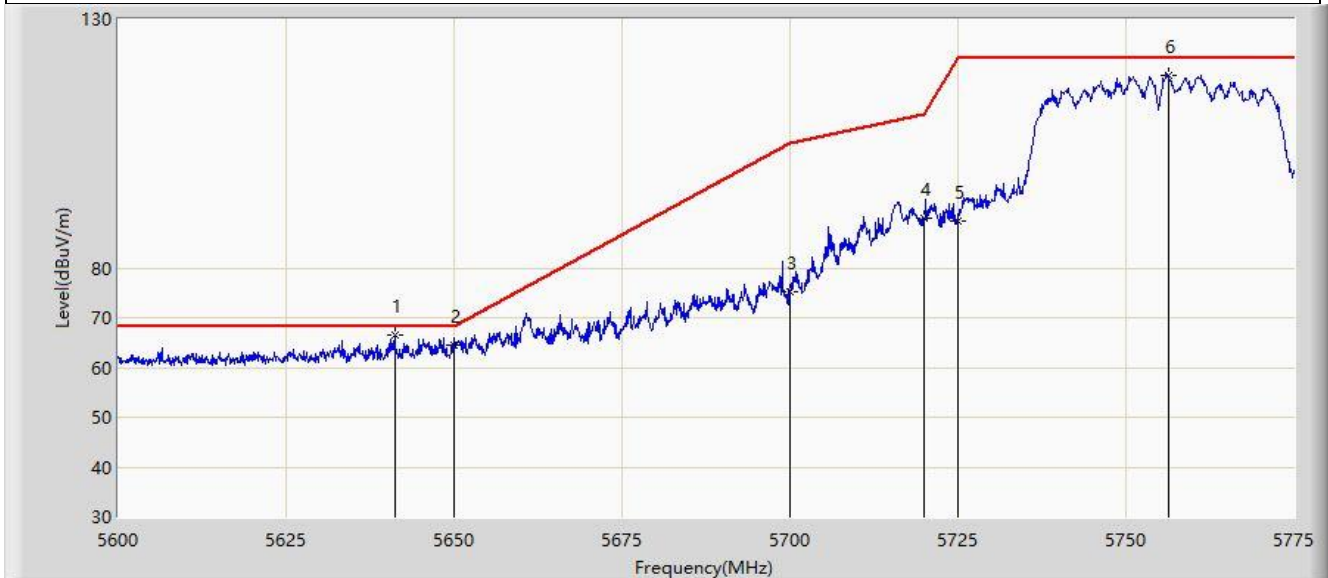
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5663.950	113.575	73.377	N/A	N/A	40.198	PK
2		5725.000	58.317	60.152	-9.883	68.200	-1.836	PK
3	*	5727.000	61.869	64.672	-6.331	68.200	-2.803	PK

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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5755MHz	



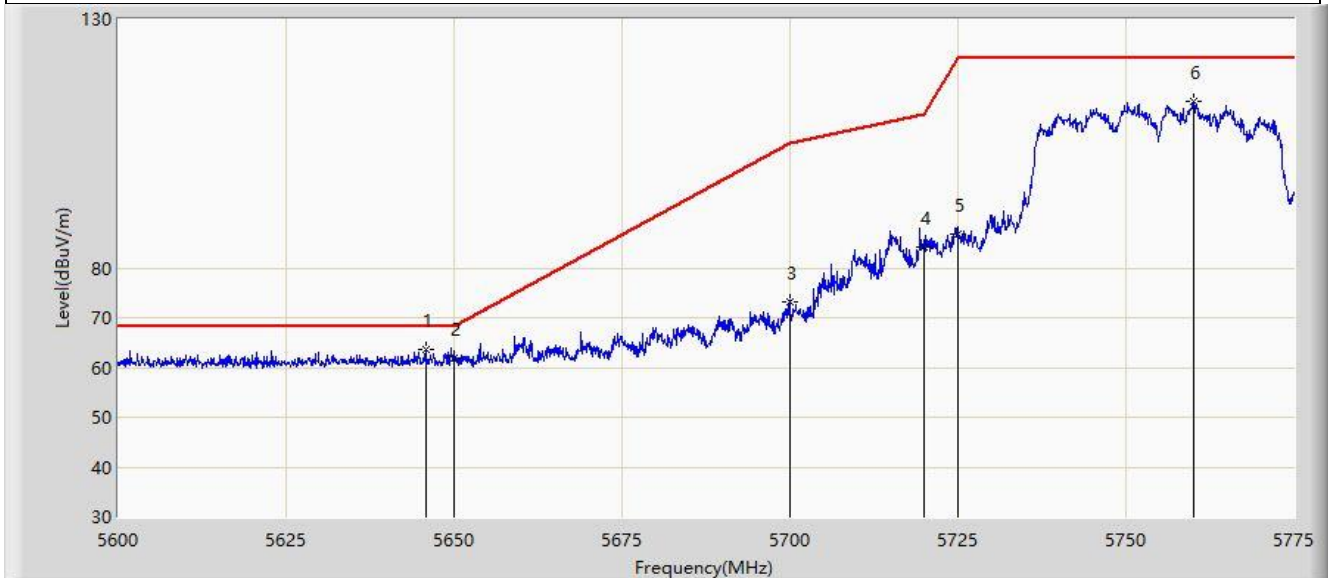
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5641.125	66.551	73.879	-1.649	68.200	-7.328	PK
2		5650.000	64.431	71.751	-3.769	68.200	-7.319	PK
3		5700.000	75.253	82.427	-29.947	105.200	-7.174	PK
4		5720.000	90.081	97.553	-20.719	110.800	-7.472	PK
5		5725.000	89.537	96.998	-32.663	122.200	-7.461	PK
6		5756.450	118.770	126.183	N/A	N/A	-7.412	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT20 at 5755MHz	



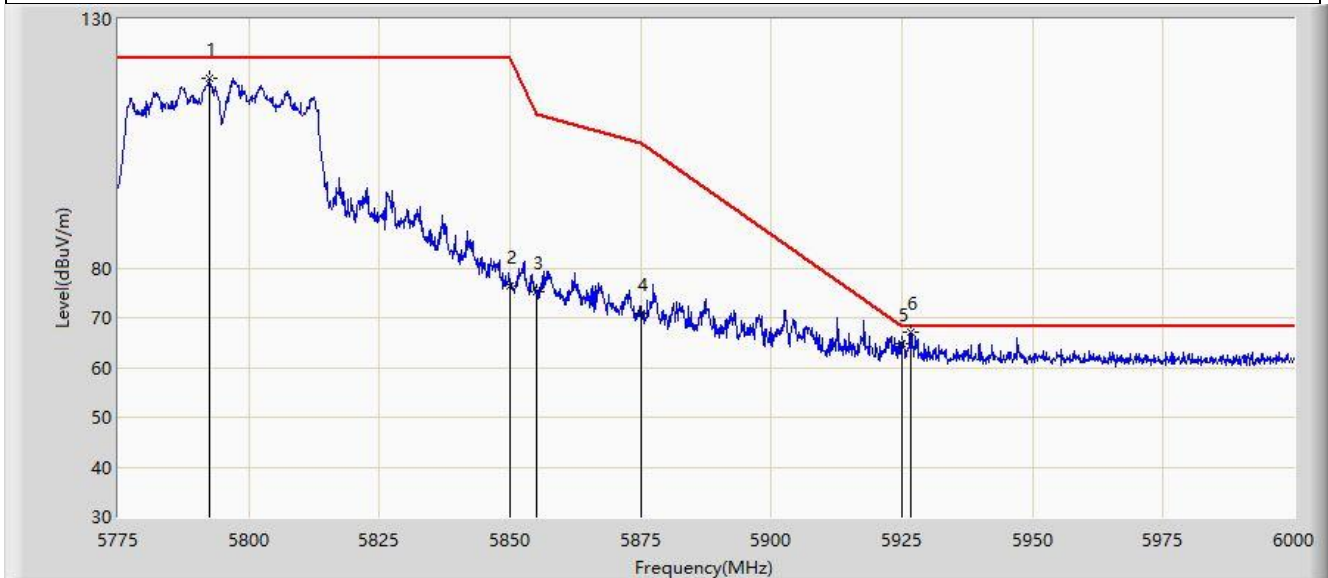
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5645.763	63.700	71.024	-4.500	68.200	-7.324	PK
2		5650.000	62.010	69.330	-6.190	68.200	-7.319	PK
3		5700.000	73.125	80.299	-32.075	105.200	-7.174	PK
4		5720.000	84.148	91.620	-26.652	110.800	-7.472	PK
5		5725.000	86.749	94.210	-35.451	122.200	-7.461	PK
6		5760.038	113.516	120.896	N/A	N/A	-7.380	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



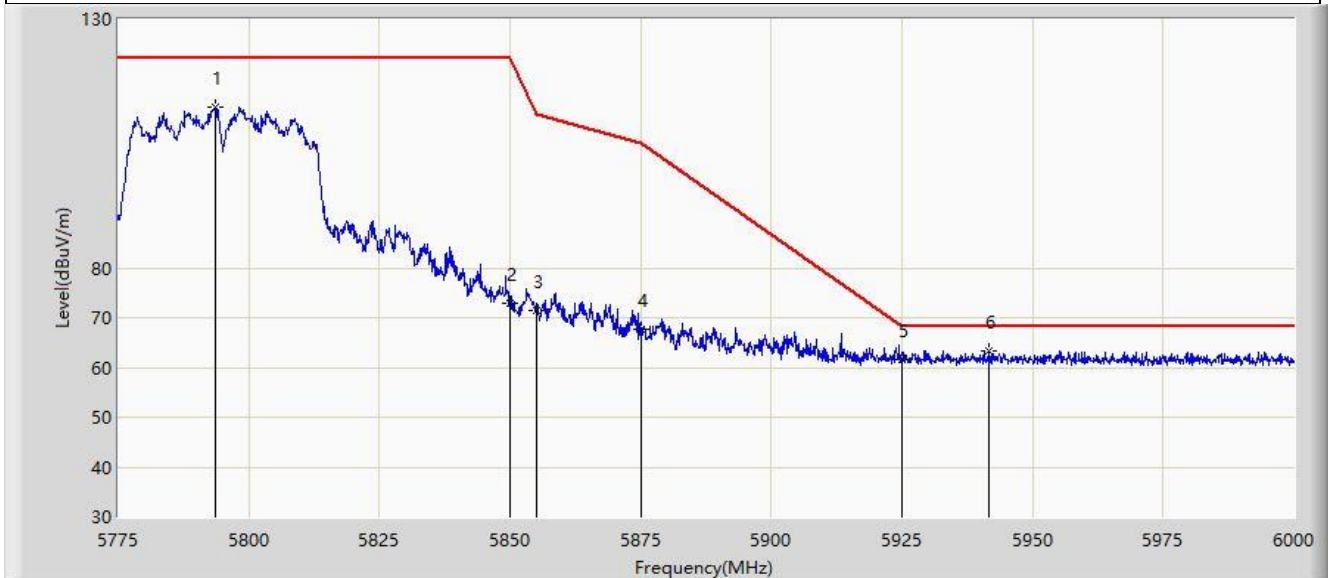
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5792.437	117.994	125.423	N/A	N/A	-7.429	PK
2		5850.000	76.401	83.638	-45.799	122.200	-7.237	PK
3		5855.000	75.328	82.546	-35.472	110.800	-7.217	PK
4		5875.000	70.923	78.275	-34.277	105.200	-7.352	PK
5		5925.000	64.660	71.786	-3.540	68.200	-7.126	PK
6	*	5926.650	67.014	74.132	-1.186	68.200	-7.118	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT40 at 5795MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5793.675	112.349	119.782	N/A	N/A	-7.433	PK
2		5850.000	72.980	80.217	-49.220	122.200	-7.237	PK
3		5855.000	71.485	78.703	-39.315	110.800	-7.217	PK
4		5875.000	67.668	75.020	-37.532	105.200	-7.352	PK
5		5925.000	61.531	68.657	-6.669	68.200	-7.126	PK
6	*	5941.725	63.405	70.416	-4.795	68.200	-7.011	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: 2024-03-28
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Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



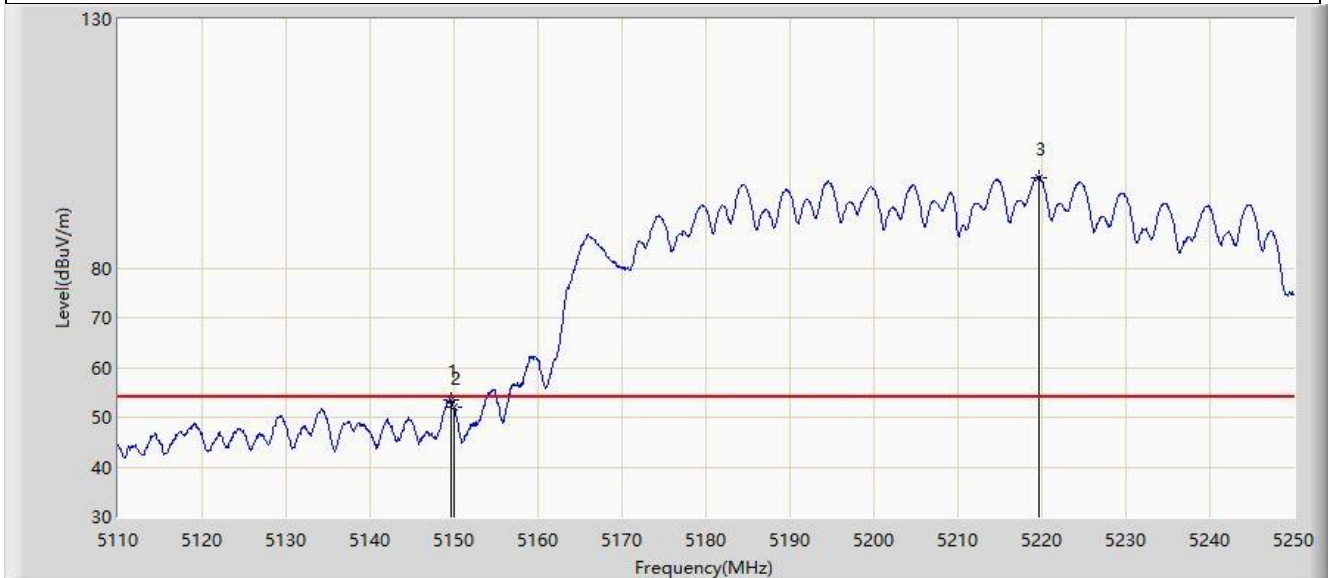
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.620	62.691	66.037	-11.309	74.000	-3.346	PK
2		5150.000	60.693	63.939	-13.307	74.000	-3.246	PK
3		5214.860	106.595	69.844	N/A	N/A	36.752	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	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	*	5149.620	53.364	56.710	-0.636	54.000	-3.346	AV
2		5150.000	52.003	55.249	-1.997	54.000	-3.246	AV
3		5219.690	98.236	54.595	N/A	N/A	43.641	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



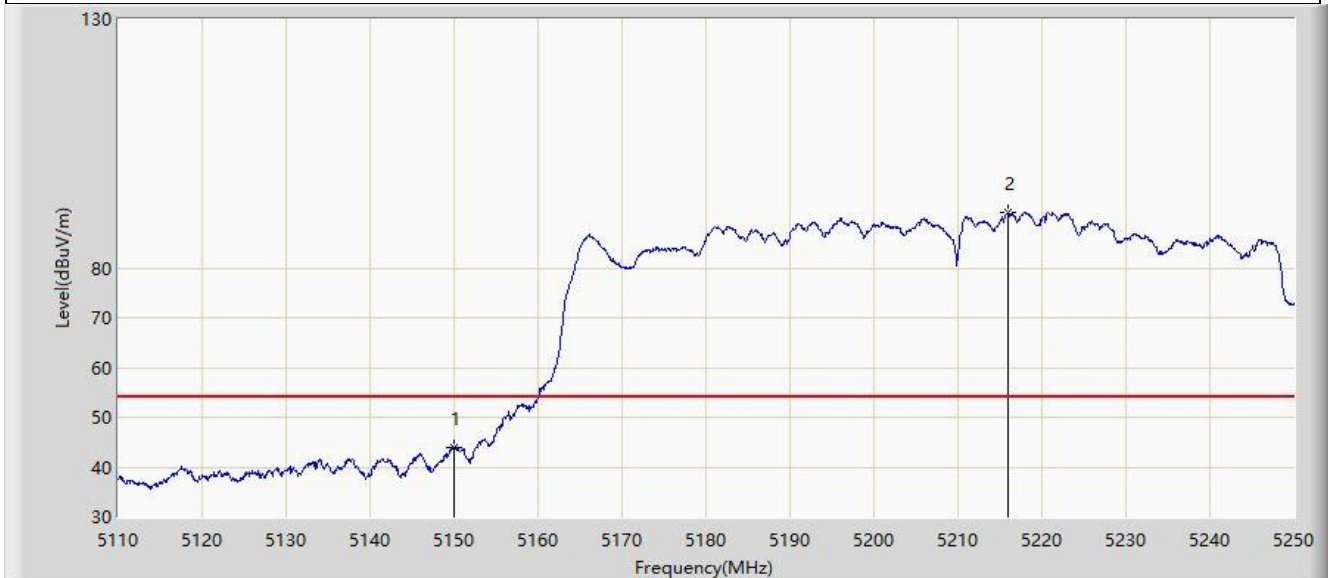
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.760	53.312	56.632	-20.688	74.000	-3.320	PK
2		5150.000	51.621	54.867	-22.379	74.000	-3.246	PK
3		5222.700	99.782	59.811	N/A	N/A	39.971	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5210MHz	



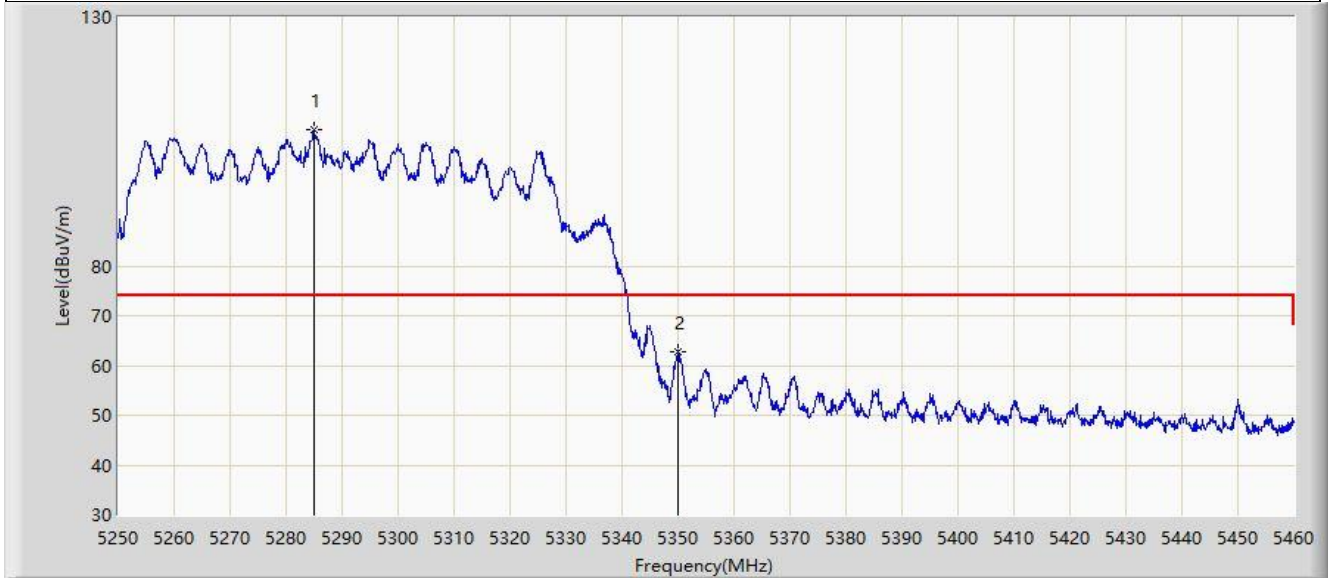
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	44.014	47.260	-9.986	54.000	-3.246	AV
2		5215.910	91.155	52.926	N/A	N/A	38.229	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



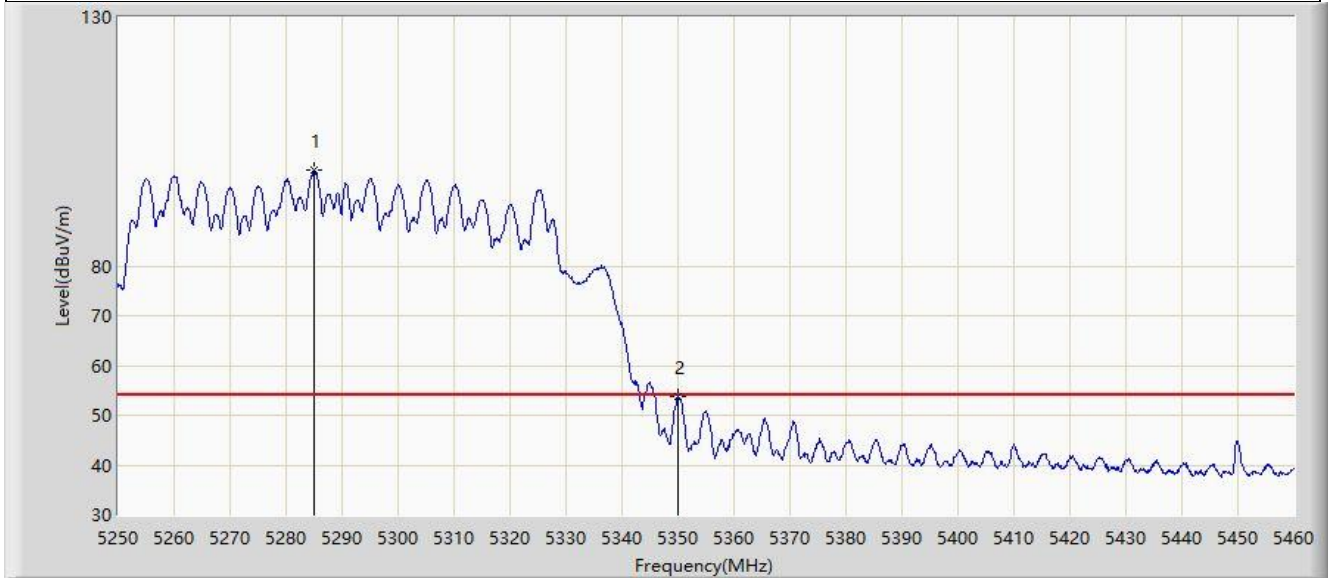
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5284.965	107.249	64.609	N/A	N/A	42.639	PK
2	*	5350.000	62.769	64.173	-11.231	74.000	-1.404	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



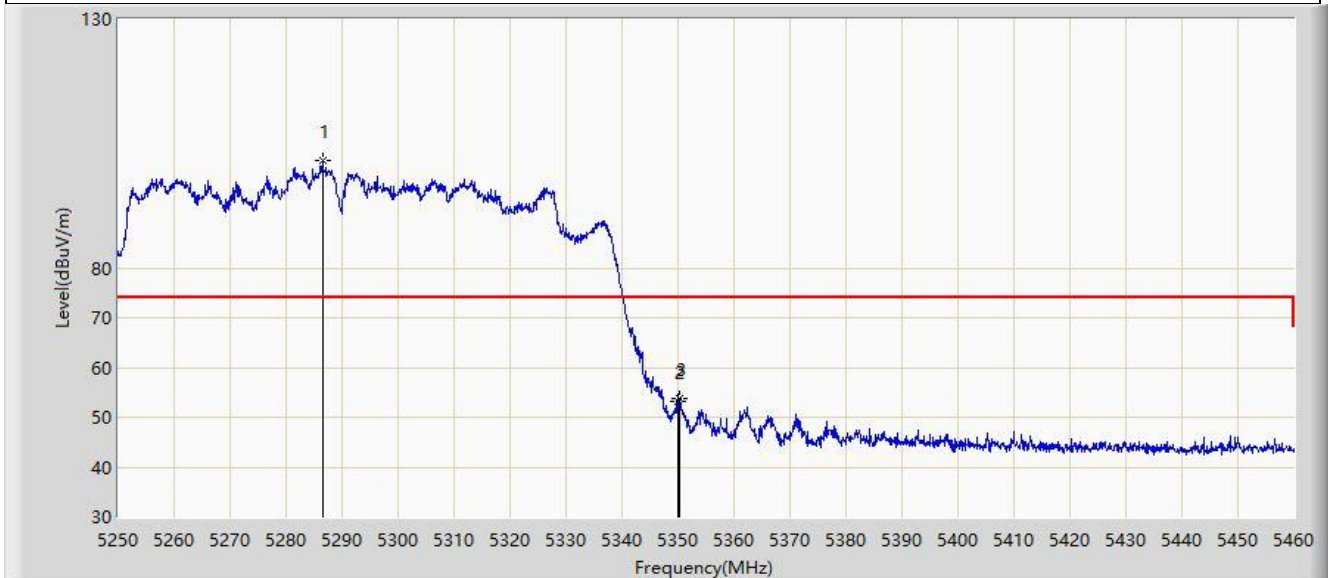
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5284.965	99.159	56.519	N/A	N/A	42.639	AV
2	*	5350.000	53.652	55.056	-0.348	54.000	-1.404	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



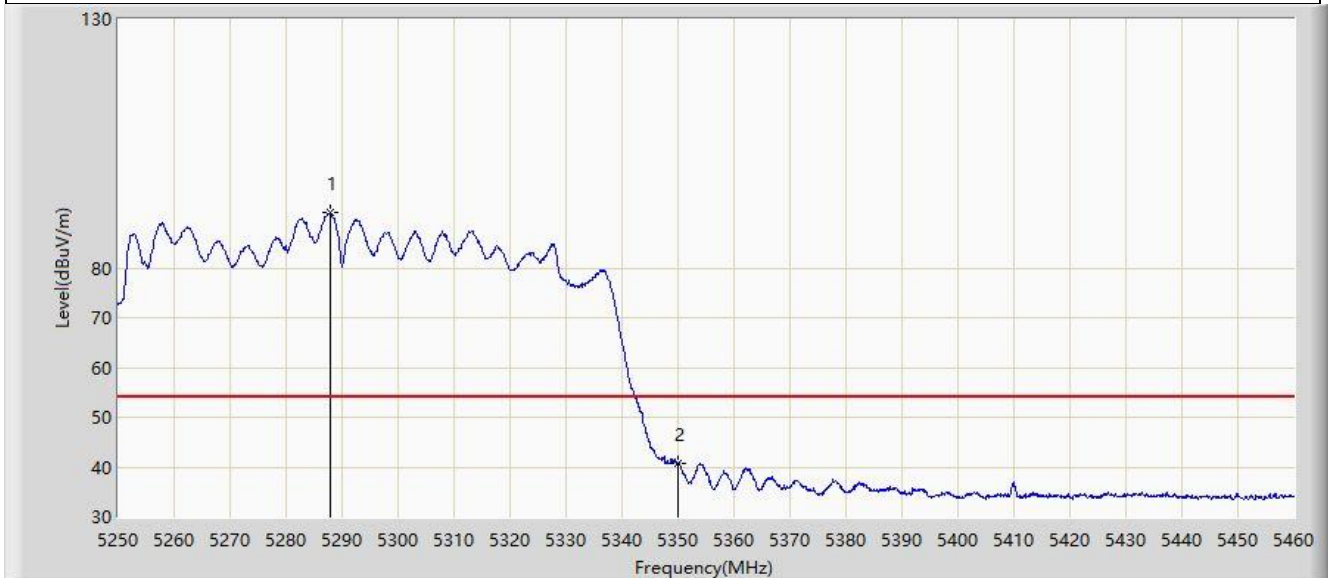
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5286.540	101.612	60.746	N/A	N/A	40.866	PK
2		5350.000	53.316	54.720	-20.684	74.000	-1.404	PK
3	*	5350.380	53.647	55.254	-20.353	74.000	-1.607	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5290MHz	



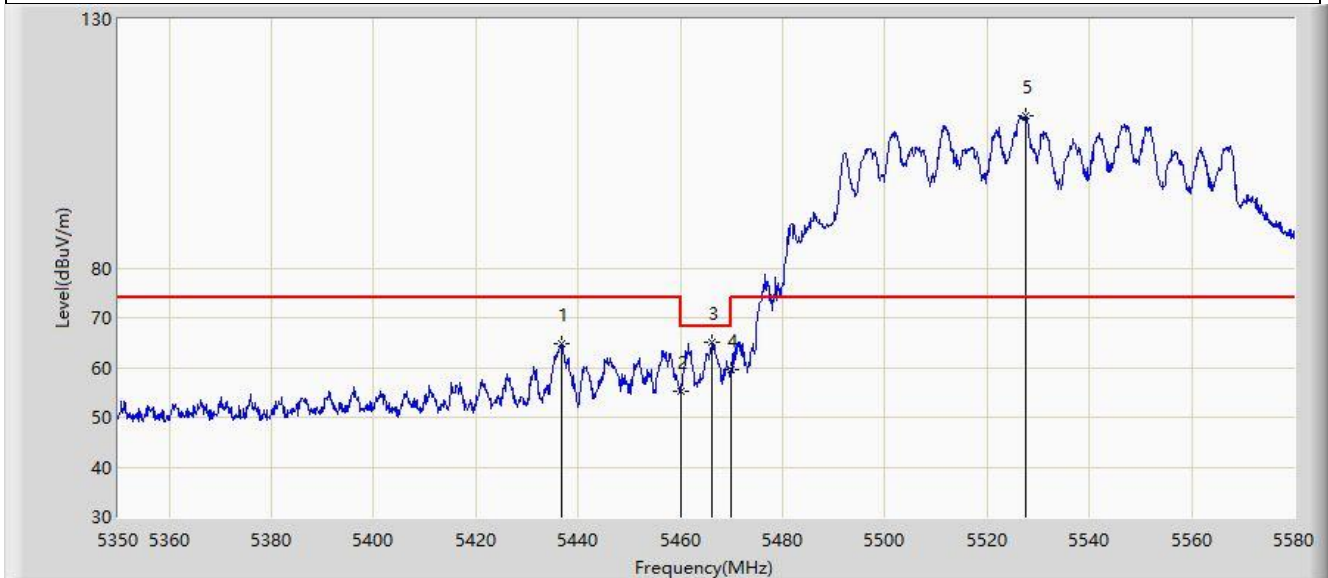
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5287.800	91.077	51.312	N/A	N/A	39.765	AV
2	*	5350.000	40.723	42.127	-13.277	54.000	-1.404	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



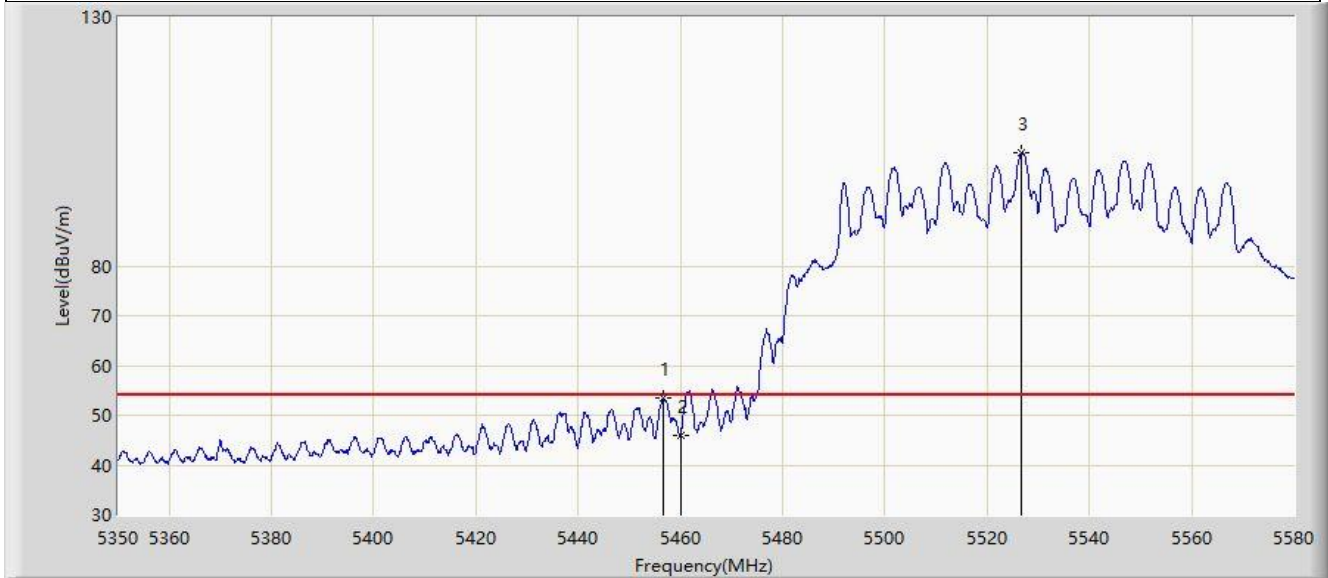
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5436.710	64.790	69.221	-9.210	74.000	-4.431	PK
2		5460.000	55.112	58.455	-13.088	68.200	-3.343	PK
3	*	5466.265	64.938	67.599	-3.262	68.200	-2.662	PK
4		5470.000	59.492	61.102	-8.708	68.200	-1.610	PK
5		5527.445	110.716	67.158	N/A	N/A	43.559	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



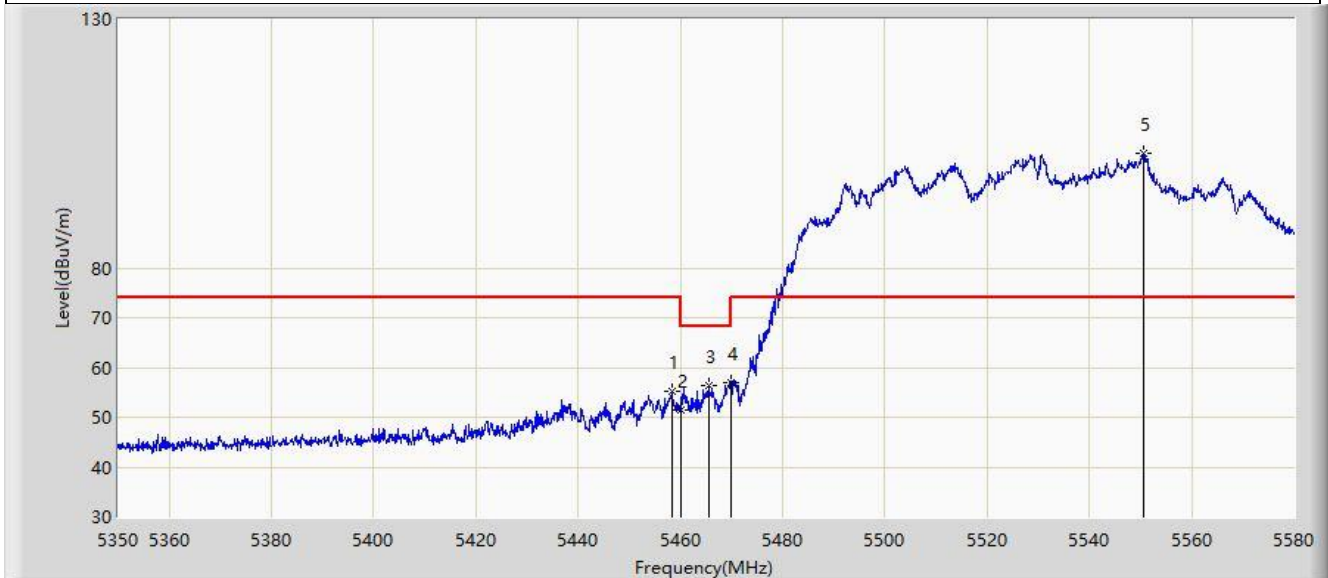
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5456.720	53.356	56.960	-0.644	54.000	-3.604	AV
2		5460.000	46.021	49.364	-7.979	54.000	-3.343	AV
3		5526.755	102.853	60.595	N/A	N/A	42.258	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



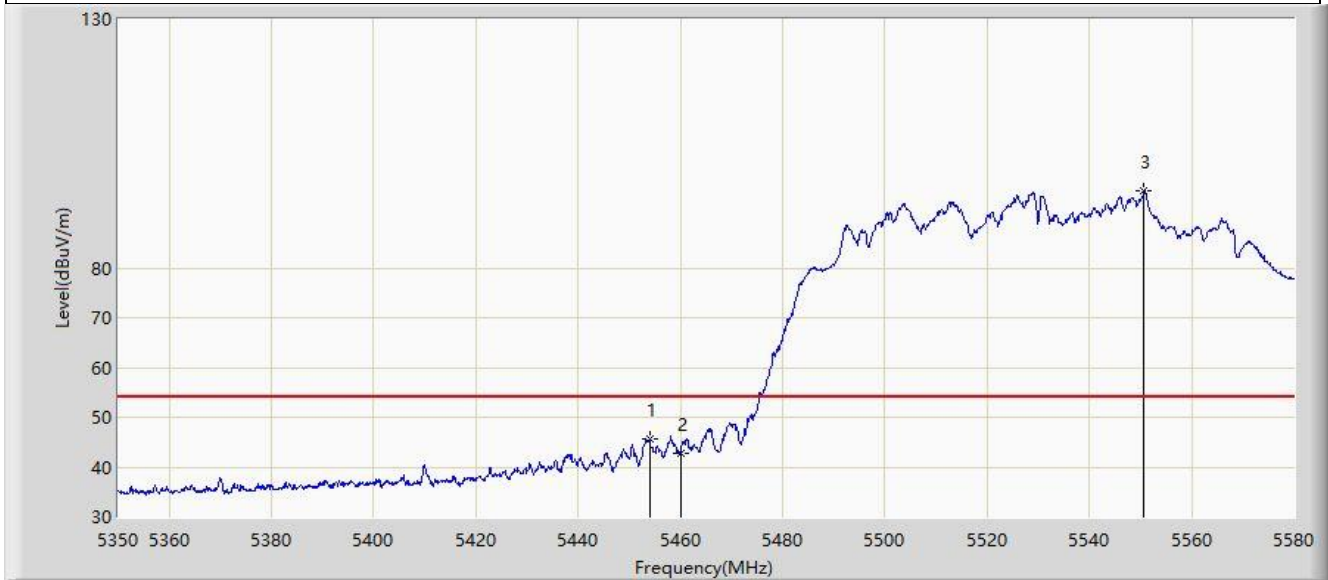
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.330	55.288	58.739	-18.712	74.000	-3.451	PK
2		5460.000	51.522	54.865	-16.678	68.200	-3.343	PK
3		5465.460	56.282	59.064	-11.918	68.200	-2.783	PK
4	*	5470.000	57.044	58.654	-11.156	68.200	-1.610	PK
5		5550.675	103.076	57.460	N/A	N/A	45.617	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5530MHz	



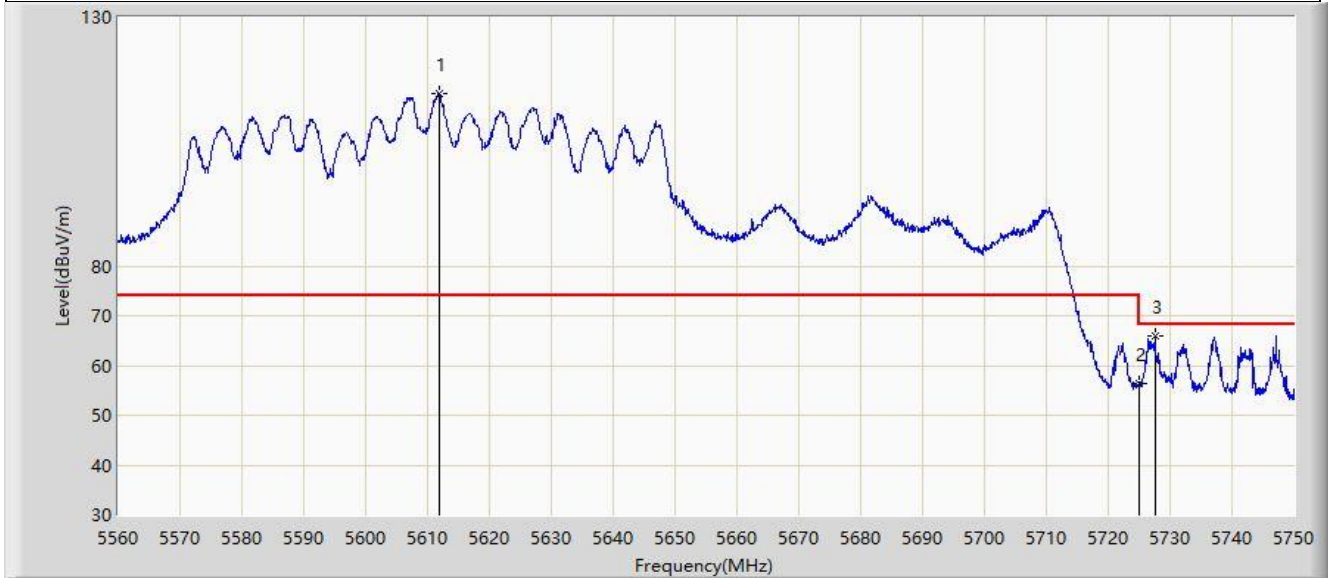
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5453.960	45.746	49.495	-8.254	54.000	-3.749	AV
2		5460.000	42.856	46.199	-11.144	54.000	-3.343	AV
3		5550.675	95.374	49.758	N/A	N/A	45.617	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



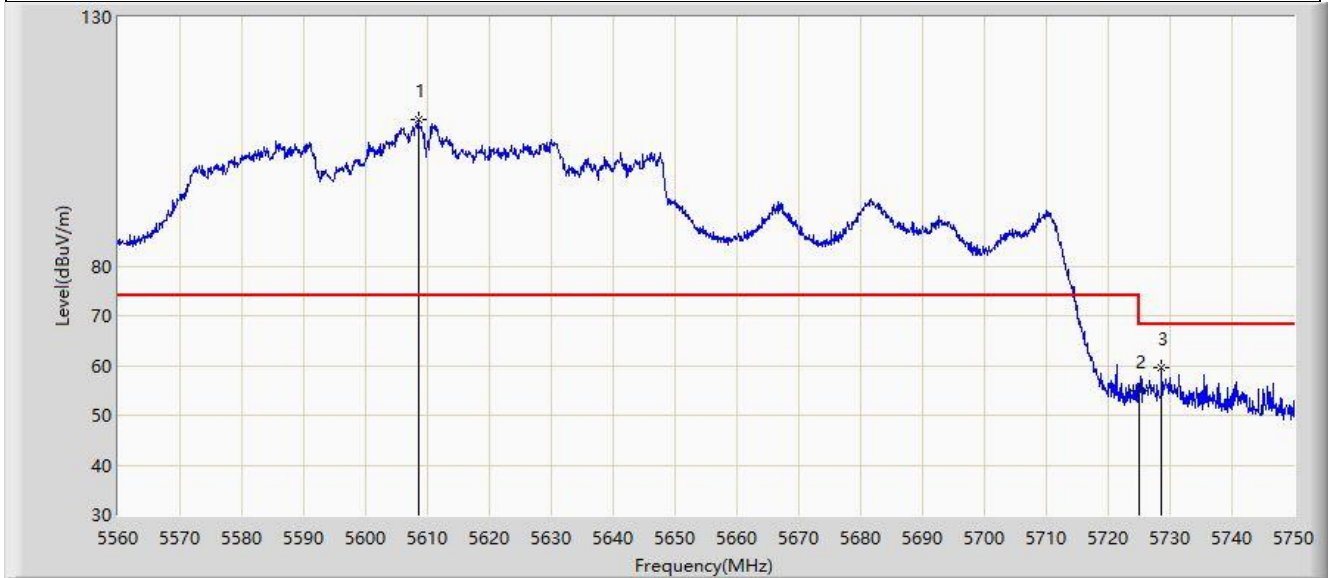
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5611.870	114.655	66.229	N/A	N/A	48.425	PK
2		5725.000	56.412	58.247	-11.788	68.200	-1.836	PK
3	*	5727.580	65.893	68.861	-2.307	68.200	-2.967	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5610MHz	



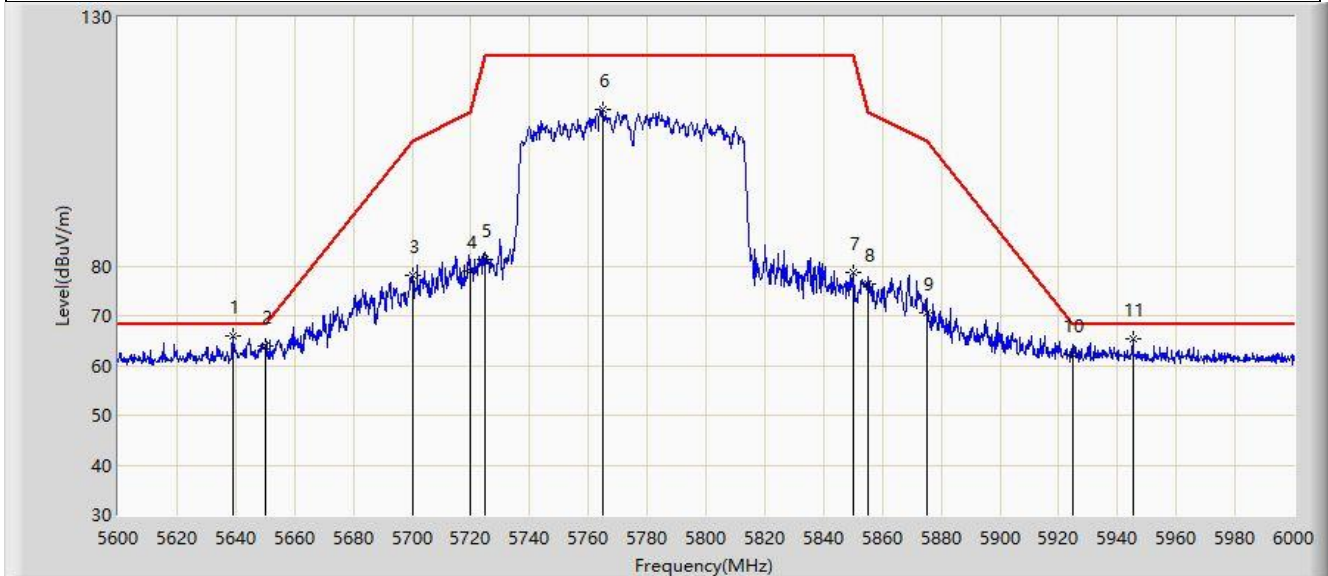
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5608.545	109.456	66.006	N/A	N/A	43.450	PK
2		5725.000	55.061	56.896	-13.139	68.200	-1.836	PK
3	*	5728.625	59.518	62.800	-8.682	68.200	-3.283	PK

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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



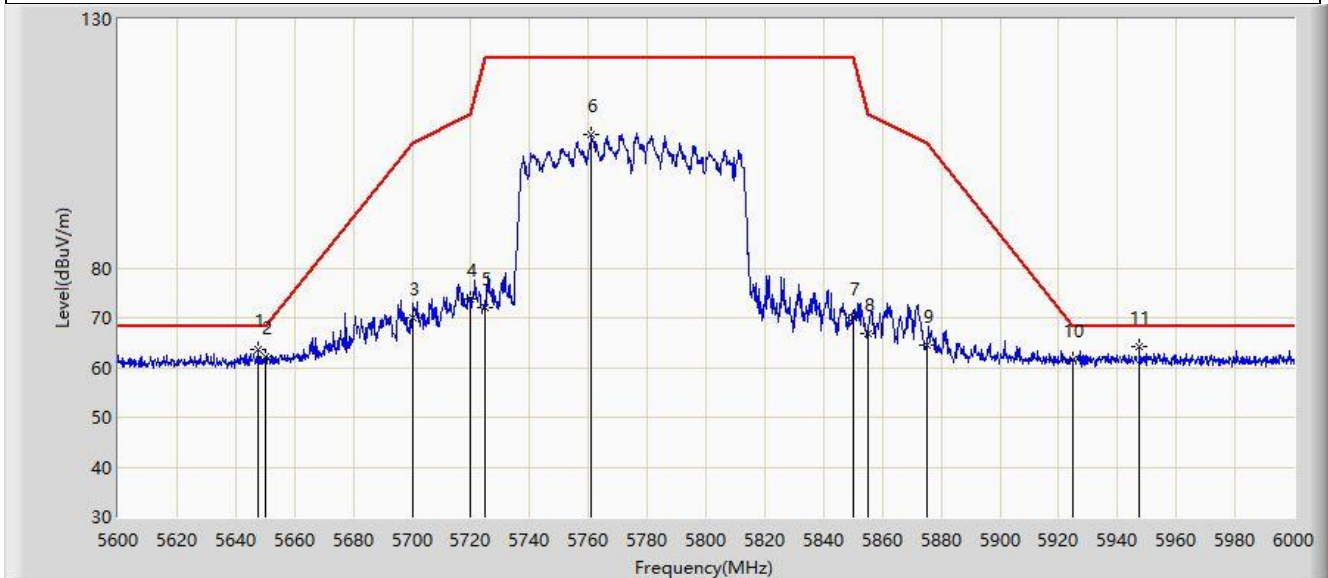
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5639.000	65.970	73.292	-2.230	68.200	-7.322	PK
2		5650.000	63.958	71.278	-4.242	68.200	-7.319	PK
3		5700.000	78.062	85.236	-27.138	105.200	-7.174	PK
4		5720.000	78.973	86.445	-31.827	110.800	-7.472	PK
5		5725.000	81.202	88.663	-40.998	122.200	-7.461	PK
6		5765.000	111.568	118.948	N/A	N/A	-7.381	PK
7		5850.000	78.688	85.925	-43.512	122.200	-7.237	PK
8		5855.000	76.427	83.645	-34.373	110.800	-7.217	PK
9		5875.000	70.574	77.926	-34.626	105.200	-7.352	PK
10		5925.000	62.084	69.210	-6.116	68.200	-7.126	PK
11		5945.200	65.292	72.277	-2.908	68.200	-6.984	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT80 at 5775MHz	



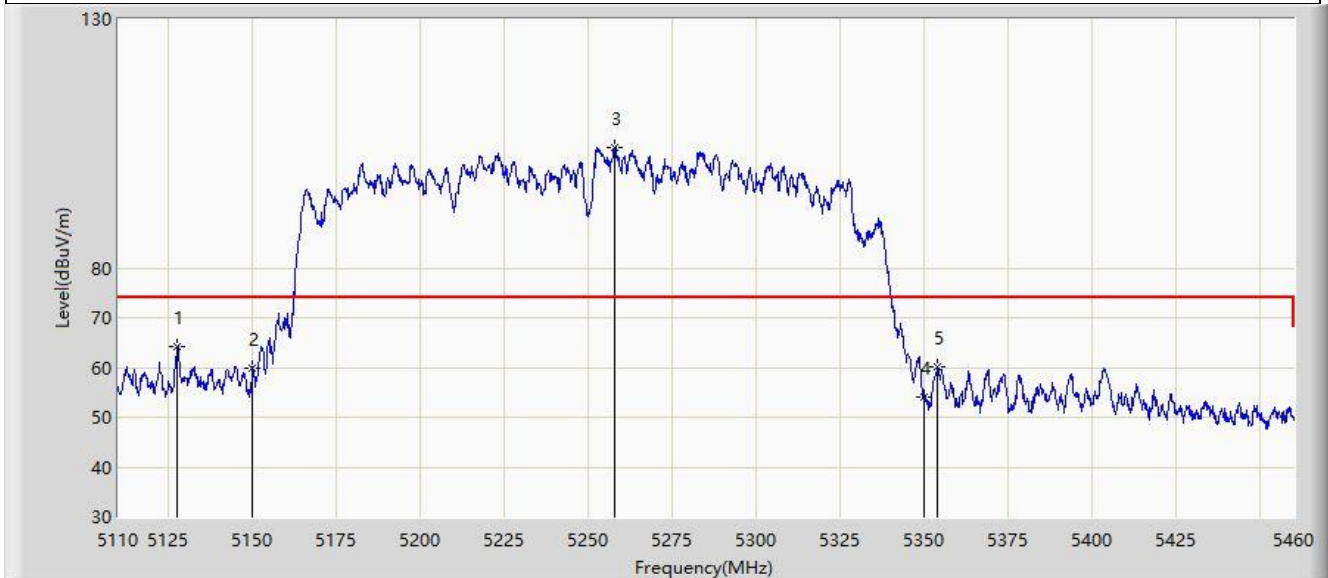
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5647.800	63.661	70.983	-4.539	68.200	-7.322	PK
2		5650.000	62.083	69.403	-6.117	68.200	-7.319	PK
3		5700.000	70.117	77.291	-35.083	105.200	-7.174	PK
4		5720.000	73.816	81.288	-36.984	110.800	-7.472	PK
5		5725.000	72.094	79.555	-50.106	122.200	-7.461	PK
6		5761.000	106.886	114.266	N/A	N/A	-7.380	PK
7		5850.000	70.045	77.282	-52.155	122.200	-7.237	PK
8		5855.000	66.855	74.073	-43.945	110.800	-7.217	PK
9		5875.000	64.482	71.834	-40.718	105.200	-7.352	PK
10		5925.000	61.661	68.787	-6.539	68.200	-7.126	PK
11	*	5947.600	64.059	71.030	-4.141	68.200	-6.971	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



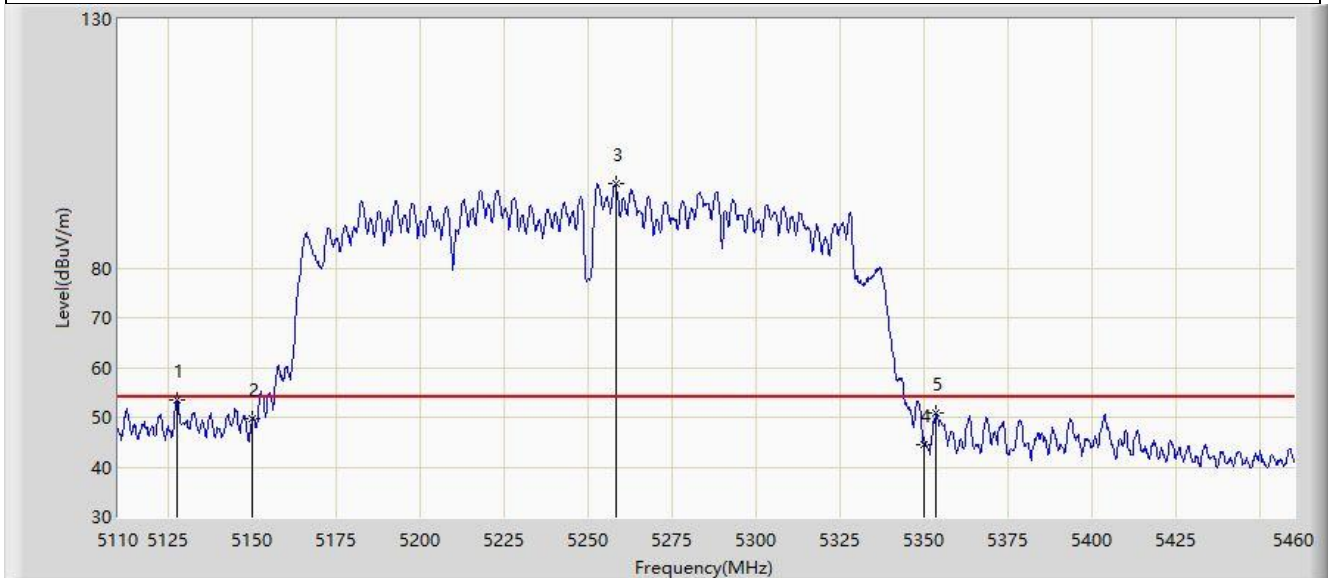
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5127.500	64.124	69.068	-9.876	74.000	-4.945	PK
2		5150.000	59.760	63.006	-14.240	74.000	-3.246	PK
3		5257.875	104.202	61.315	N/A	N/A	42.886	PK
4		5350.000	53.987	55.391	-20.013	74.000	-1.404	PK
5		5353.950	60.277	63.223	-13.723	74.000	-2.947	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



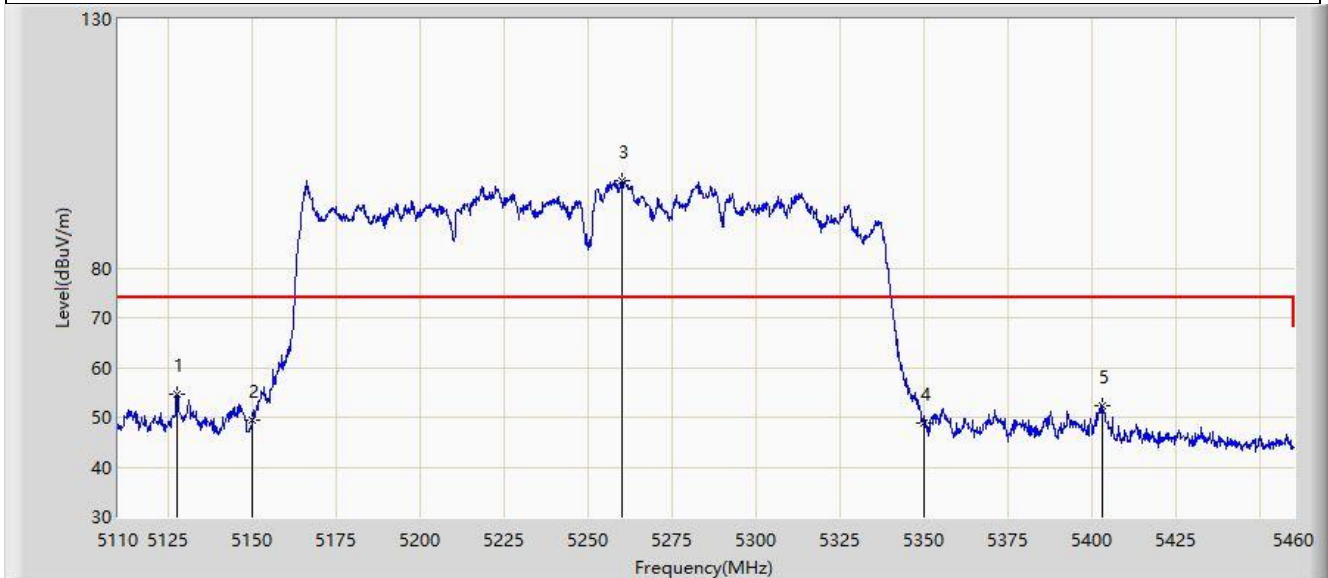
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5127.500	53.604	58.548	-0.396	54.000	-4.945	AV
2		5150.000	49.579	52.825	-4.421	54.000	-3.246	AV
3		5258.050	96.975	53.785	N/A	N/A	43.189	AV
4		5350.000	44.609	46.013	-9.391	54.000	-1.404	AV
5		5353.600	50.744	53.580	-3.256	54.000	-2.836	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



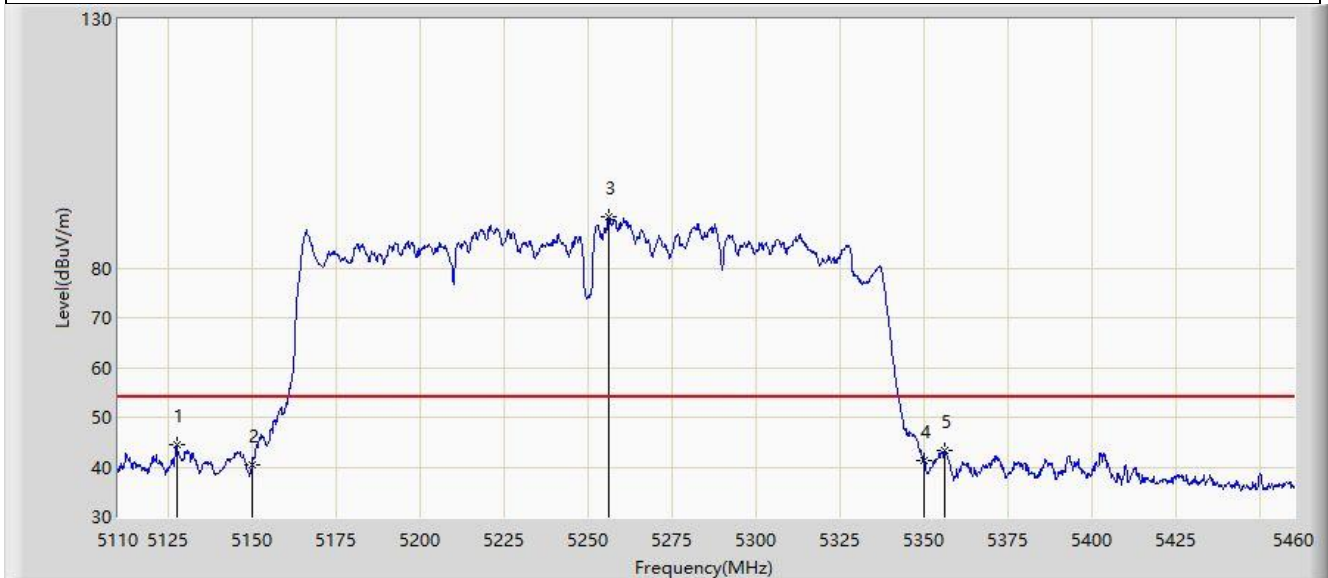
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5127.500	54.605	59.549	-19.395	74.000	-4.945	PK
2		5150.000	49.350	52.596	-24.650	74.000	-3.246	PK
3		5259.975	97.666	51.602	N/A	N/A	46.064	PK
4		5350.000	48.945	50.349	-25.055	74.000	-1.404	PK
5		5402.775	52.456	57.540	-21.544	74.000	-5.084	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5250MHz	



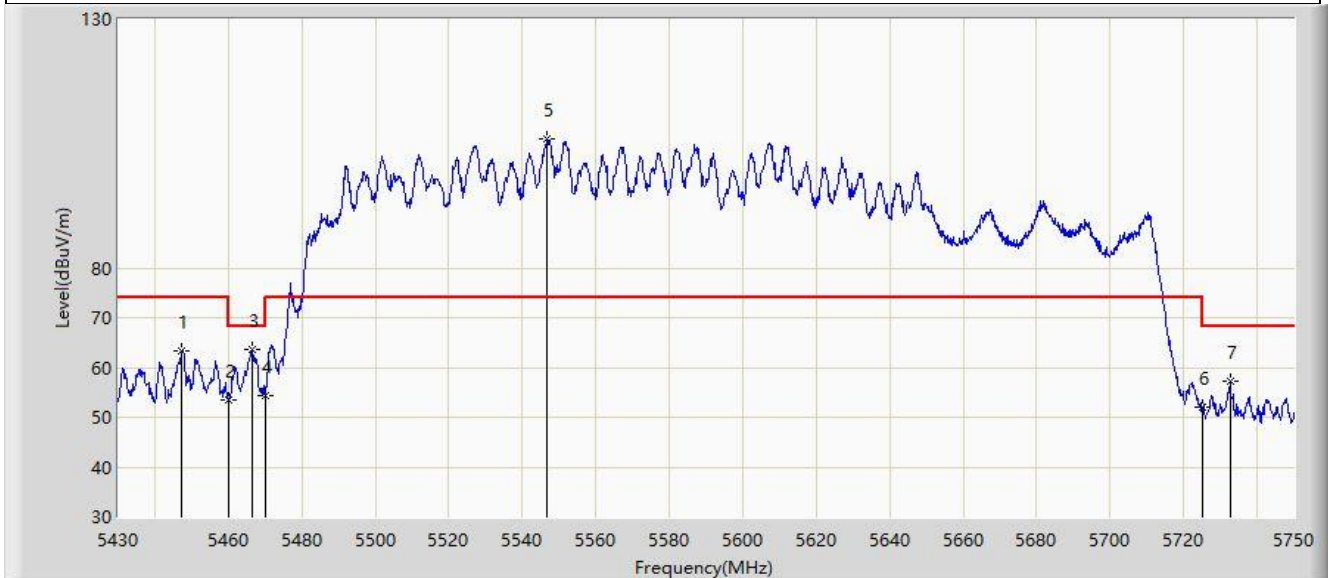
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5127.325	44.435	49.393	-9.565	54.000	-4.957	AV
2		5150.000	40.549	43.795	-13.451	54.000	-3.246	AV
3		5255.950	90.273	50.549	N/A	N/A	39.724	AV
4		5350.000	41.292	42.696	-12.708	54.000	-1.404	AV
5		5356.050	43.325	46.736	-10.675	54.000	-3.412	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



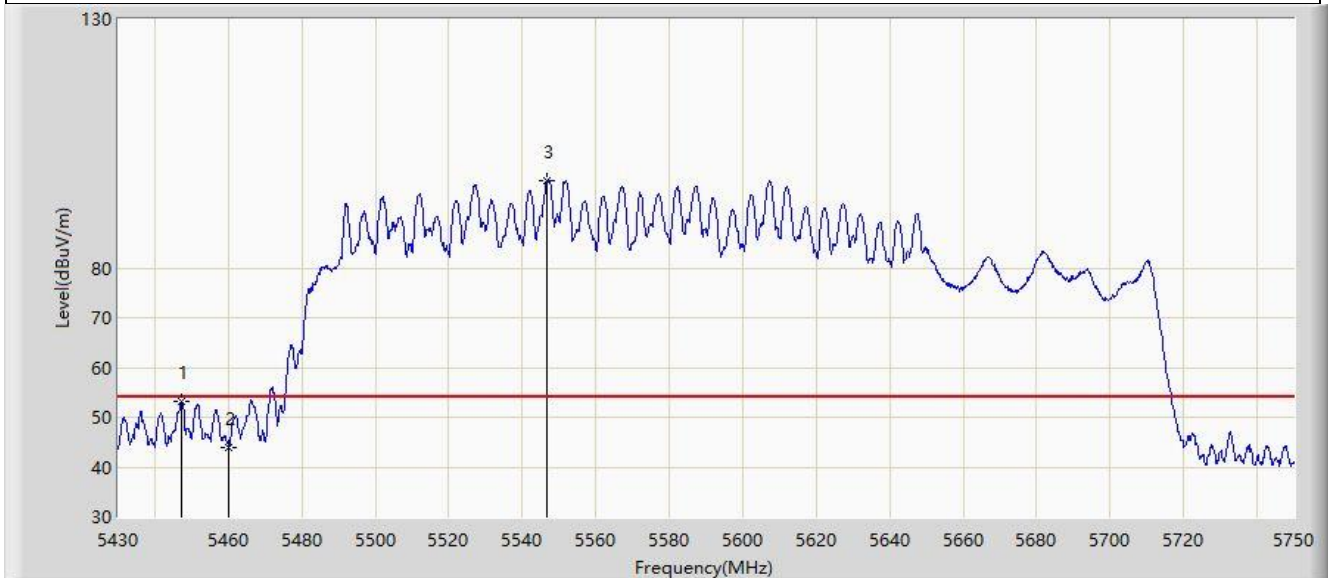
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5447.440	63.348	67.450	-10.652	74.000	-4.102	PK
2		5460.000	53.406	56.749	-14.794	68.200	-3.343	PK
3	*	5466.320	63.659	66.312	-4.541	68.200	-2.653	PK
4		5470.000	54.250	55.860	-13.950	68.200	-1.610	PK
5		5546.800	106.008	65.094	N/A	N/A	40.913	PK
6		5725.000	51.914	53.749	-16.286	68.200	-1.836	PK
7		5732.560	57.179	61.190	-11.021	68.200	-4.011	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



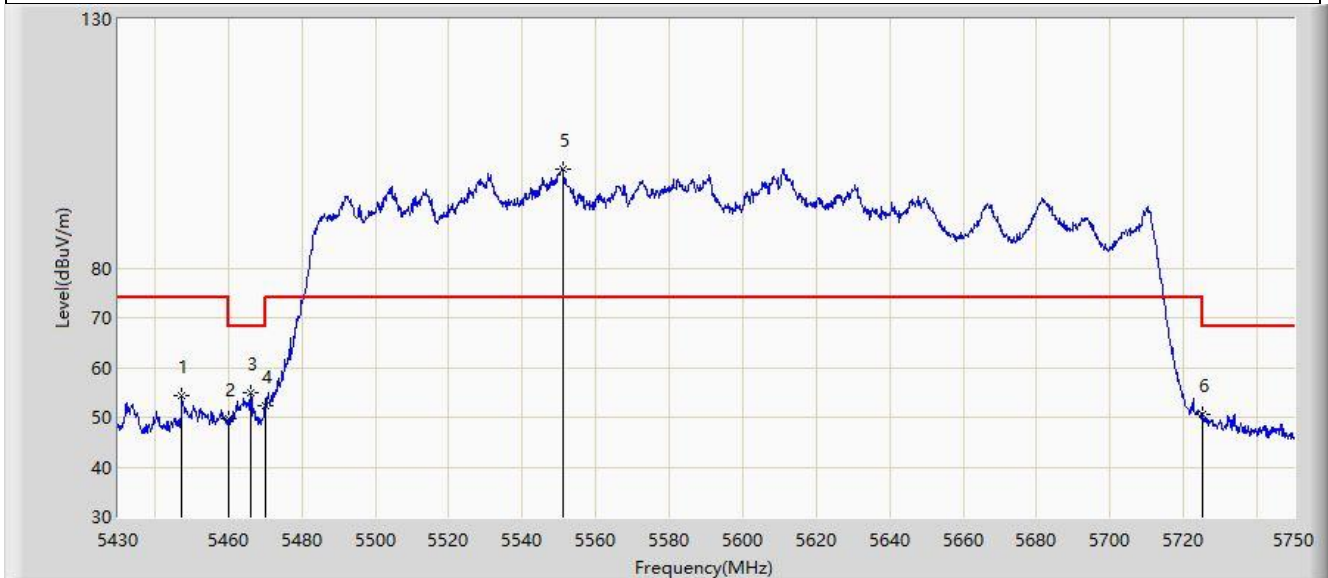
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5447.280	53.252	57.352	-0.748	54.000	-4.100	AV
2		5460.000	44.042	47.385	-9.958	54.000	-3.343	AV
3		5546.800	97.565	56.651	N/A	N/A	40.913	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



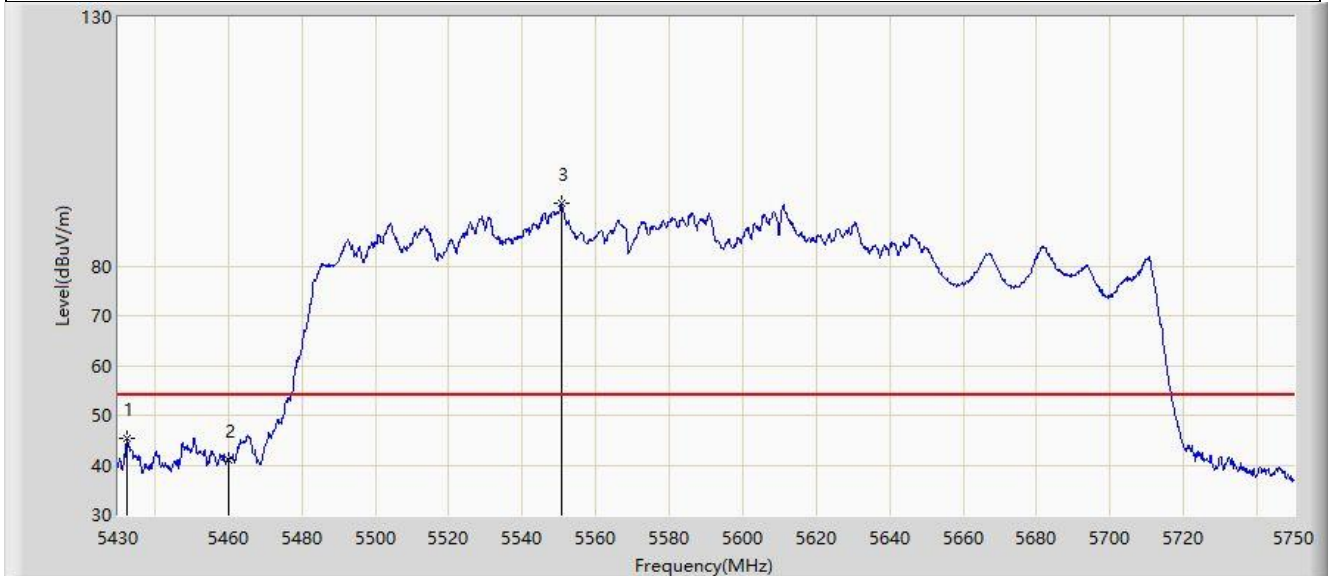
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5447.440	54.270	58.372	-19.730	74.000	-4.102	PK
2		5460.000	49.794	53.137	-18.406	68.200	-3.343	PK
3	*	5466.160	54.856	57.533	-13.344	68.200	-2.678	PK
4		5470.000	52.276	53.886	-15.924	68.200	-1.610	PK
5		5550.960	99.747	53.961	N/A	N/A	45.786	PK
6		5725.000	50.544	52.379	-17.656	68.200	-1.836	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ac-VHT160 at 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5432.240	45.348	49.894	-8.652	54.000	-4.546	AV
2		5460.000	41.092	44.435	-12.908	54.000	-3.343	AV
3		5550.640	92.652	47.068	N/A	N/A	45.584	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



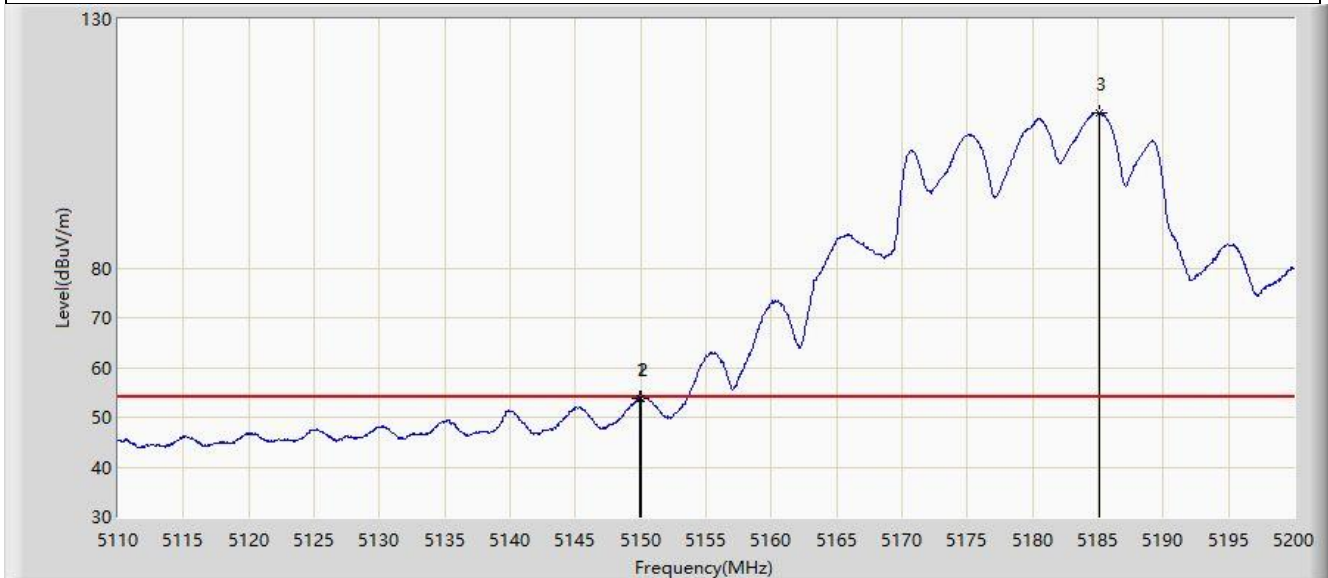
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.555	72.523	75.881	-1.477	74.000	-3.358	PK
2		5150.000	66.431	69.677	-7.569	74.000	-3.246	PK
3		5184.700	121.833	86.524	N/A	N/A	35.310	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5180MHz	



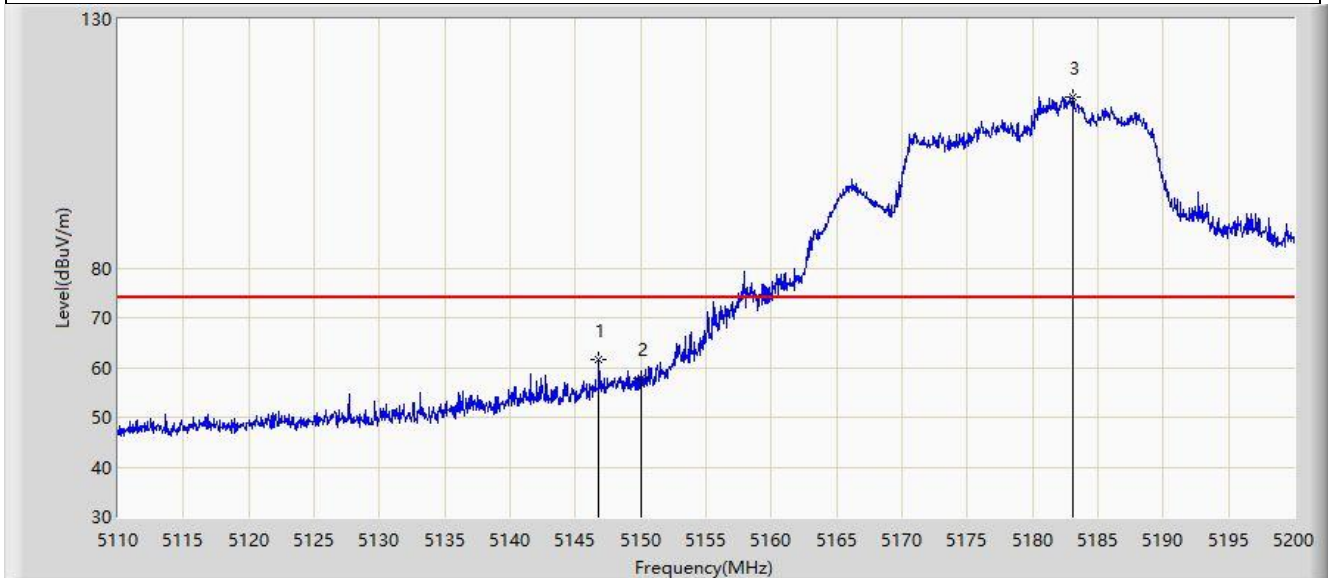
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.915	53.795	57.069	-0.205	54.000	-3.275	AV
2		5150.000	53.714	56.960	-0.286	54.000	-3.246	AV
3		5185.105	111.244	76.240	N/A	N/A	35.005	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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	*	5146.810	61.548	65.426	-12.452	74.000	-3.878	PK
2		5150.000	57.714	60.960	-16.286	74.000	-3.246	PK
3		5183.125	114.432	77.095	N/A	N/A	37.337	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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	*	5150.000	46.249	49.495	-7.751	54.000	-3.246	AV
2		5181.010	104.695	63.689	N/A	N/A	41.006	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



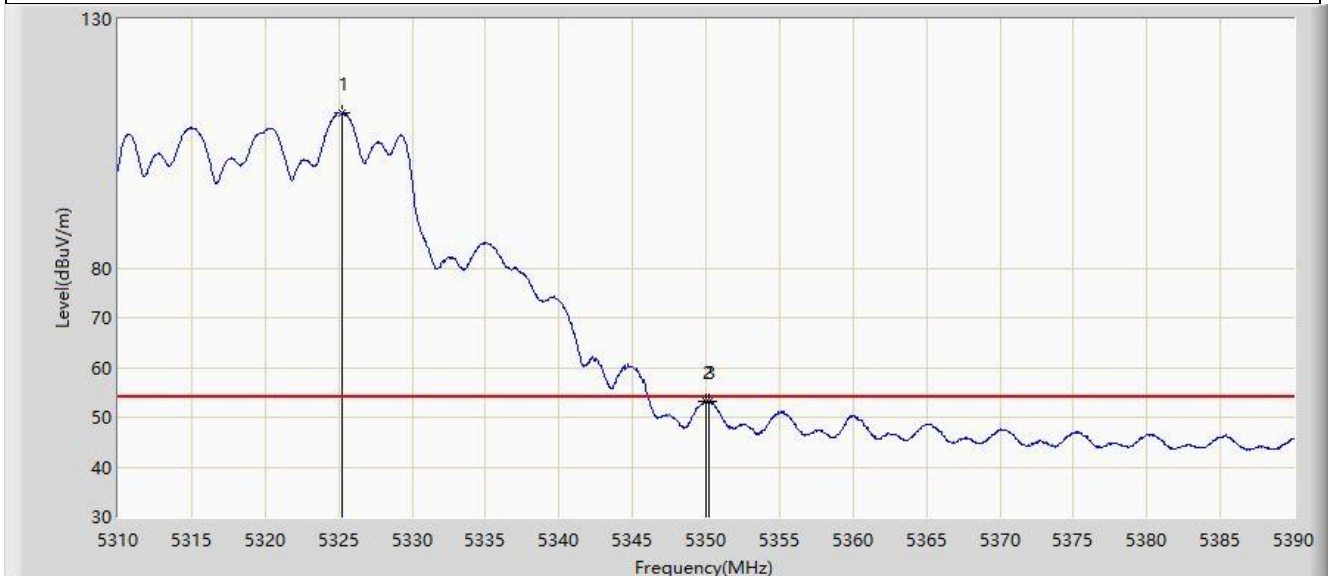
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.160	123.064	84.213	N/A	N/A	38.852	PK
2		5350.000	66.932	68.336	-7.068	74.000	-1.404	PK
3	*	5350.200	68.273	69.784	-5.727	74.000	-1.511	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



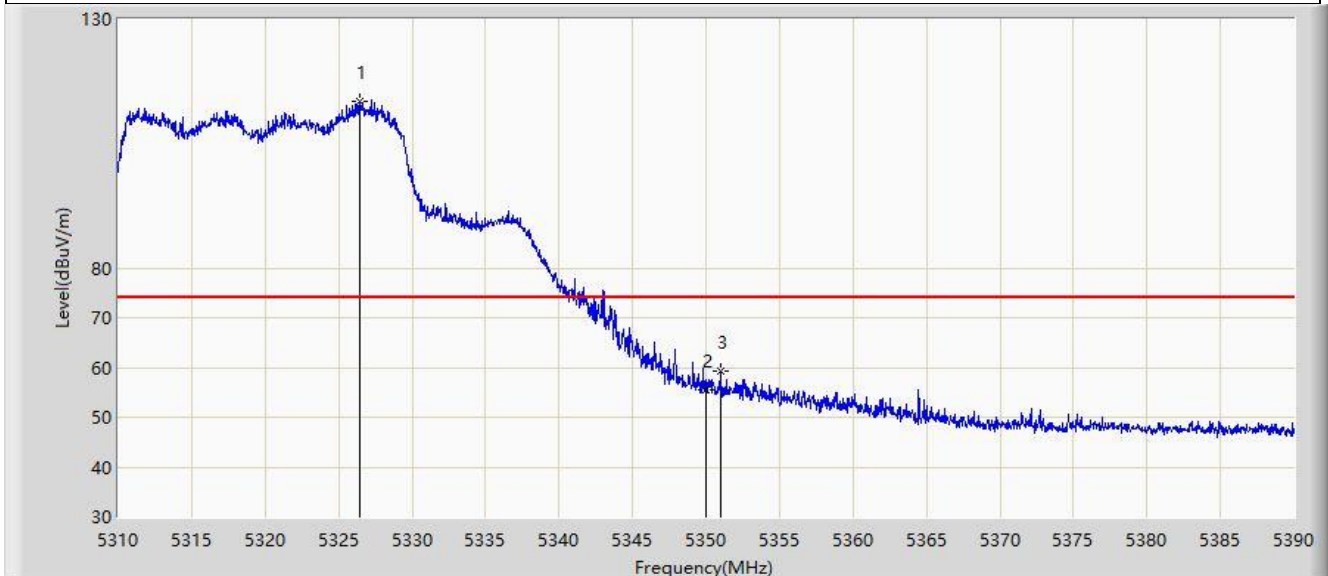
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5325.280	111.261	72.511	N/A	N/A	38.750	AV
2		5350.000	53.174	54.578	-0.826	54.000	-1.404	AV
3	*	5350.160	53.240	54.729	-0.760	54.000	-1.489	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5320MHz	



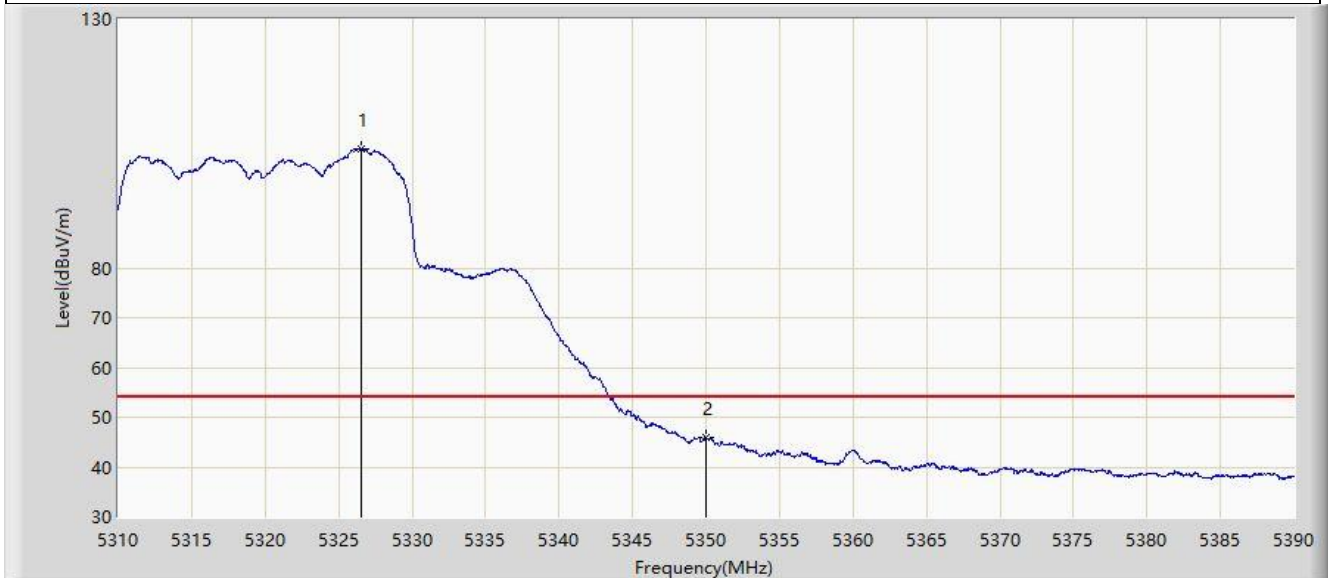
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5326.440	113.550	74.842	N/A	N/A	38.708	PK
2		5350.000	55.510	56.914	-18.490	74.000	-1.404	PK
3	*	5350.960	59.267	61.163	-14.733	74.000	-1.896	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5326.520	104.055	65.303	N/A	N/A	38.752	AV
2	*	5350.000	45.946	47.350	-8.054	54.000	-1.404	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



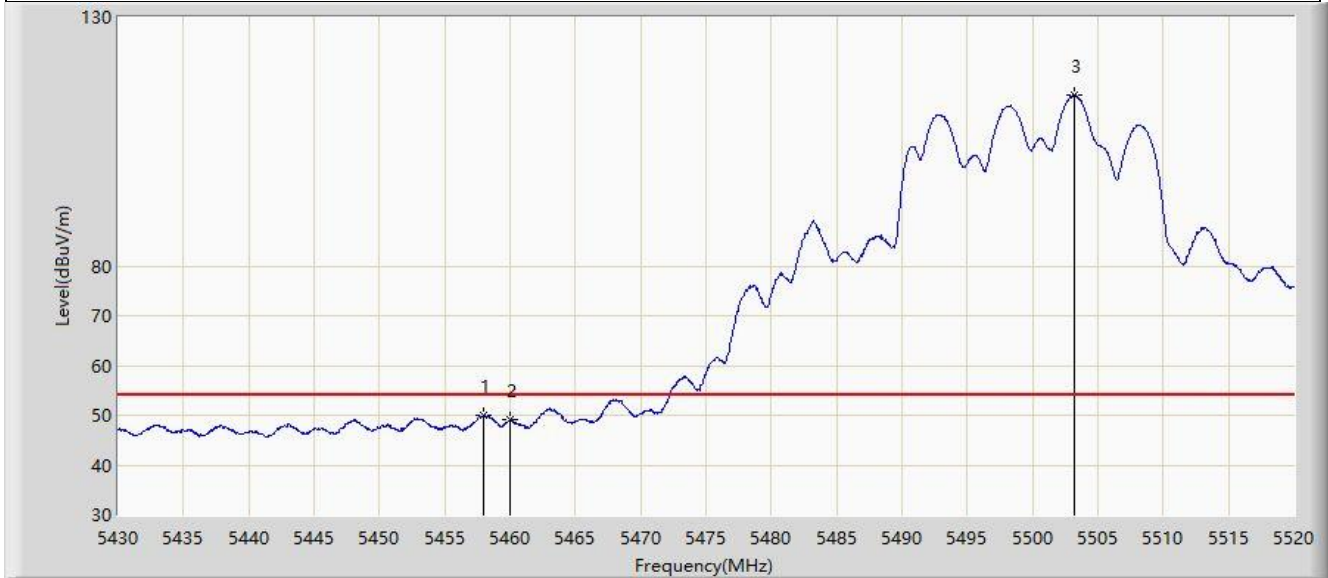
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5456.685	63.961	67.572	-10.039	74.000	-3.611	PK
2		5460.000	59.976	63.319	-8.224	68.200	-3.343	PK
3	*	5468.295	67.565	69.719	-0.635	68.200	-2.154	PK
4		5470.000	61.821	63.431	-6.379	68.200	-1.610	PK
5		5502.990	125.376	83.291	N/A	N/A	42.085	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



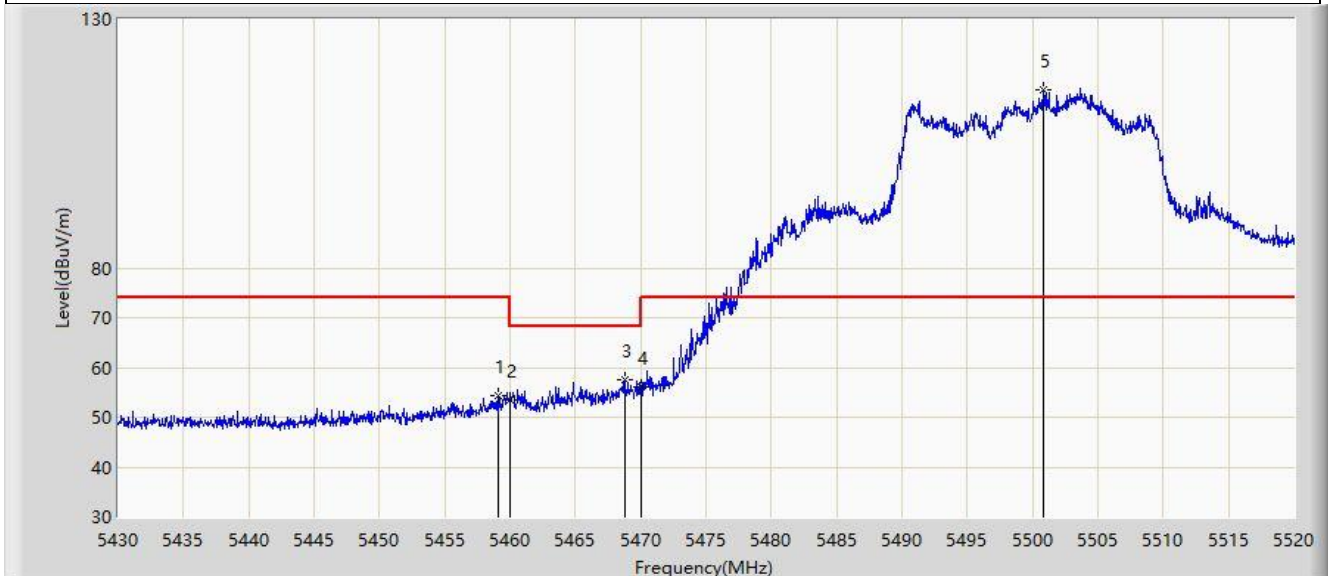
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5457.945	49.897	53.410	-4.103	54.000	-3.513	AV
2		5460.000	49.001	52.344	-4.999	54.000	-3.343	AV
3		5503.215	114.332	71.771	N/A	N/A	42.562	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5459.070	54.391	57.844	-19.609	74.000	-3.454	PK
2		5460.000	53.563	56.906	-14.637	68.200	-3.343	PK
3	*	5468.745	57.499	59.547	-10.701	68.200	-2.048	PK
4		5470.000	56.076	57.686	-12.124	68.200	-1.610	PK
5		5500.875	115.815	76.856	N/A	N/A	38.959	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5500MHz	



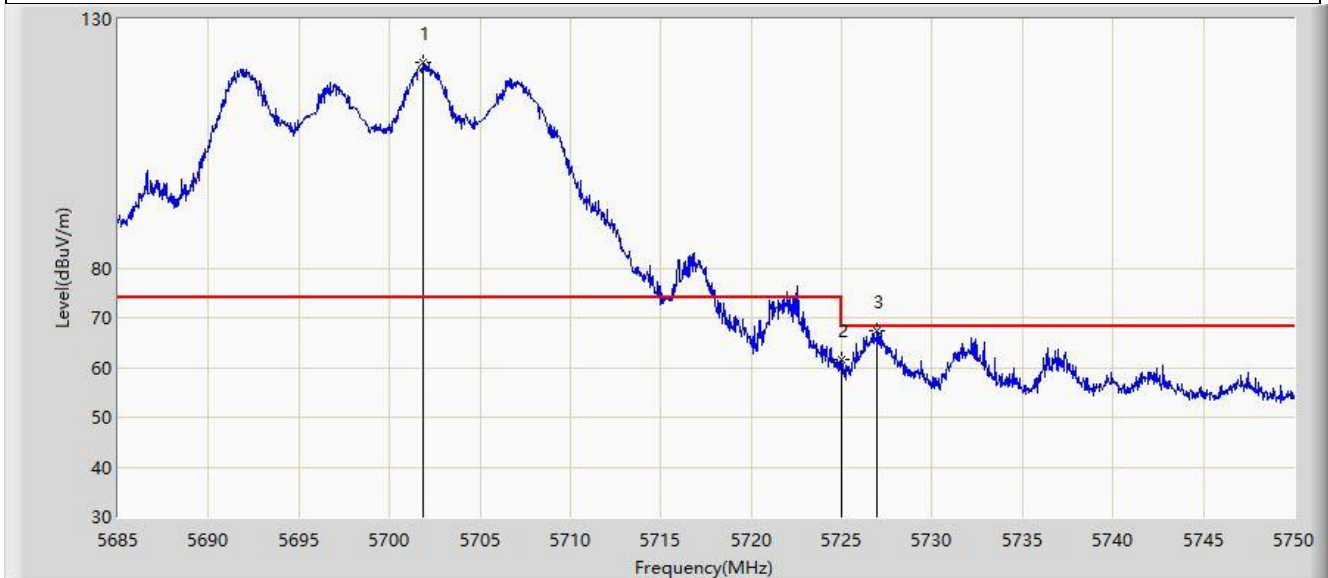
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5460.000	45.389	48.732	-8.611	54.000	-3.343	AV
2		5503.890	105.953	62.422	N/A	N/A	43.530	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



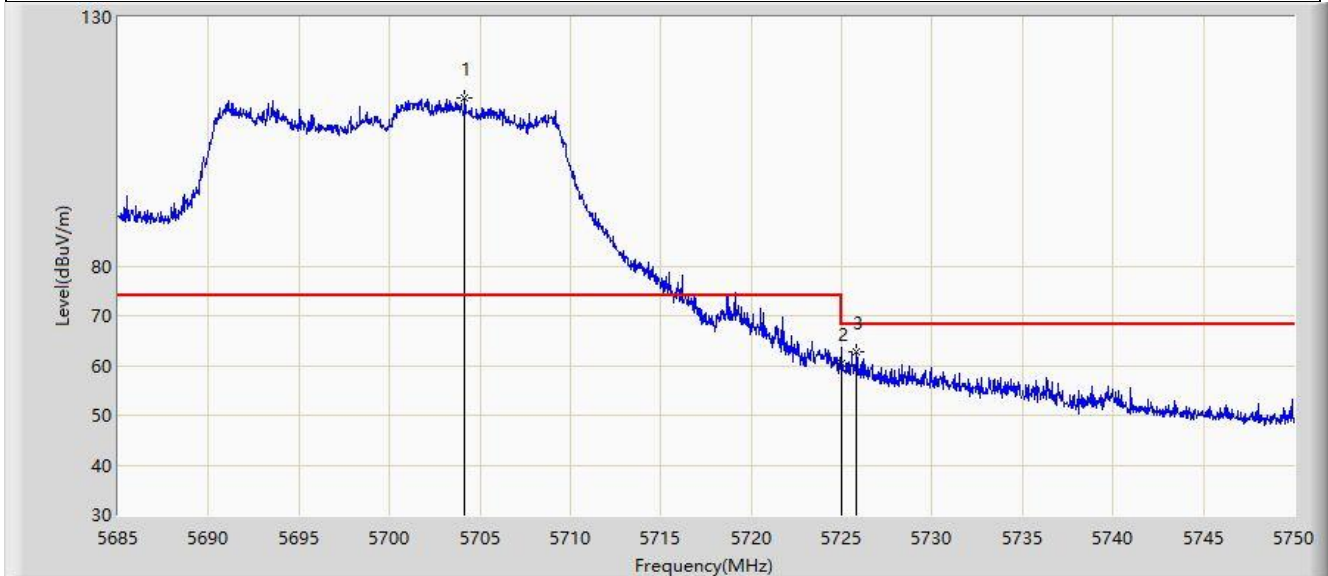
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5701.835	121.378	84.623	N/A	N/A	36.755	PK
2		5725.000	61.564	63.399	-6.636	68.200	-1.836	PK
3	*	5726.958	67.474	70.258	-0.726	68.200	-2.785	PK

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: SIP-AC3	Test Date: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5700MHz	



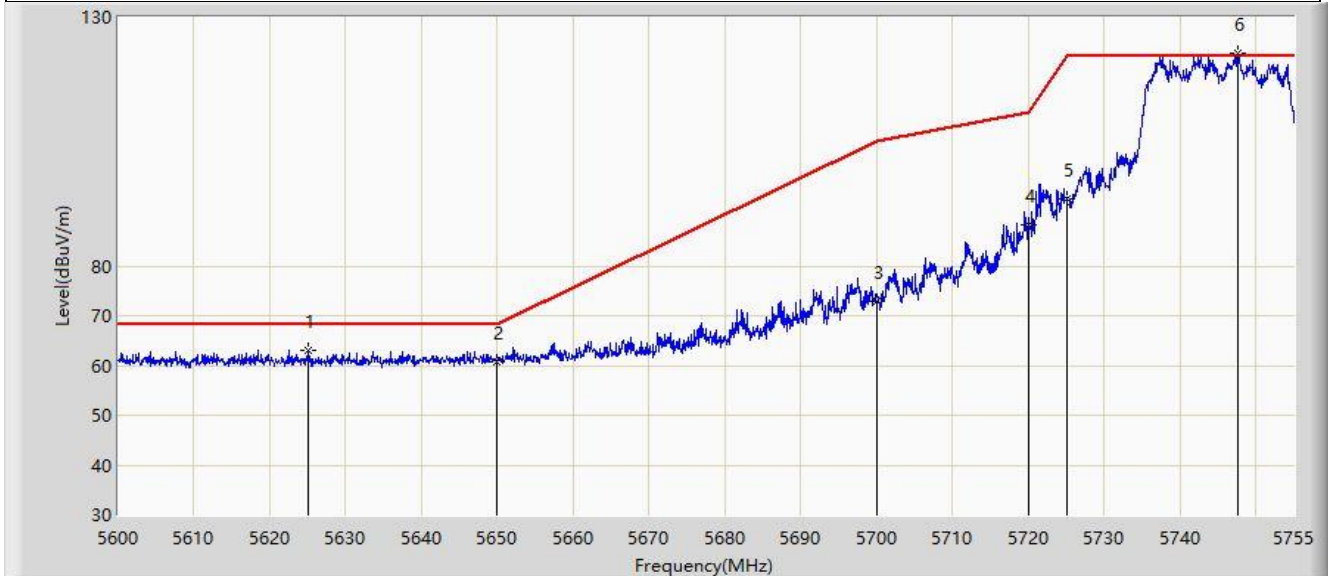
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5704.175	113.731	75.395	N/A	N/A	38.336	PK
2		5725.000	60.291	62.126	-7.909	68.200	-1.836	PK
3	*	5725.820	62.637	64.931	-5.563	68.200	-2.294	PK

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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



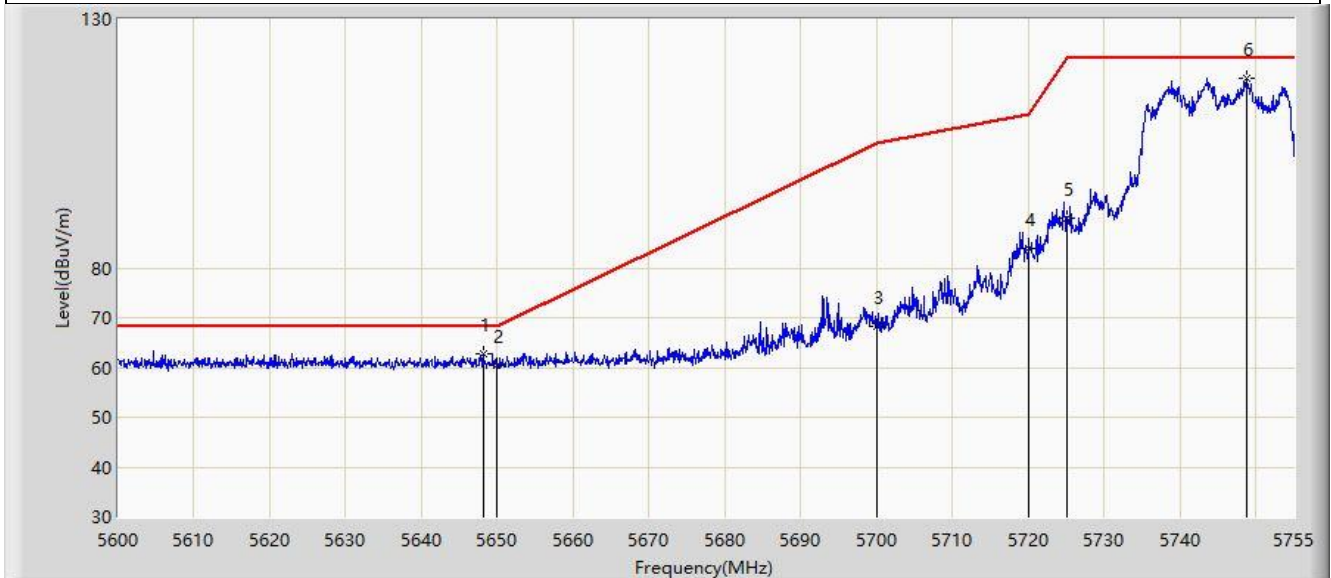
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5625.110	63.166	70.444	-5.034	68.200	-7.278	PK
2		5650.000	60.717	68.037	-7.483	68.200	-7.319	PK
3		5700.000	72.772	79.946	-32.428	105.200	-7.174	PK
4		5720.000	88.270	95.742	-22.530	110.800	-7.472	PK
5		5725.000	93.363	100.824	-28.837	122.200	-7.461	PK
6		5747.715	122.619	130.112	N/A	N/A	-7.492	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5745MHz	



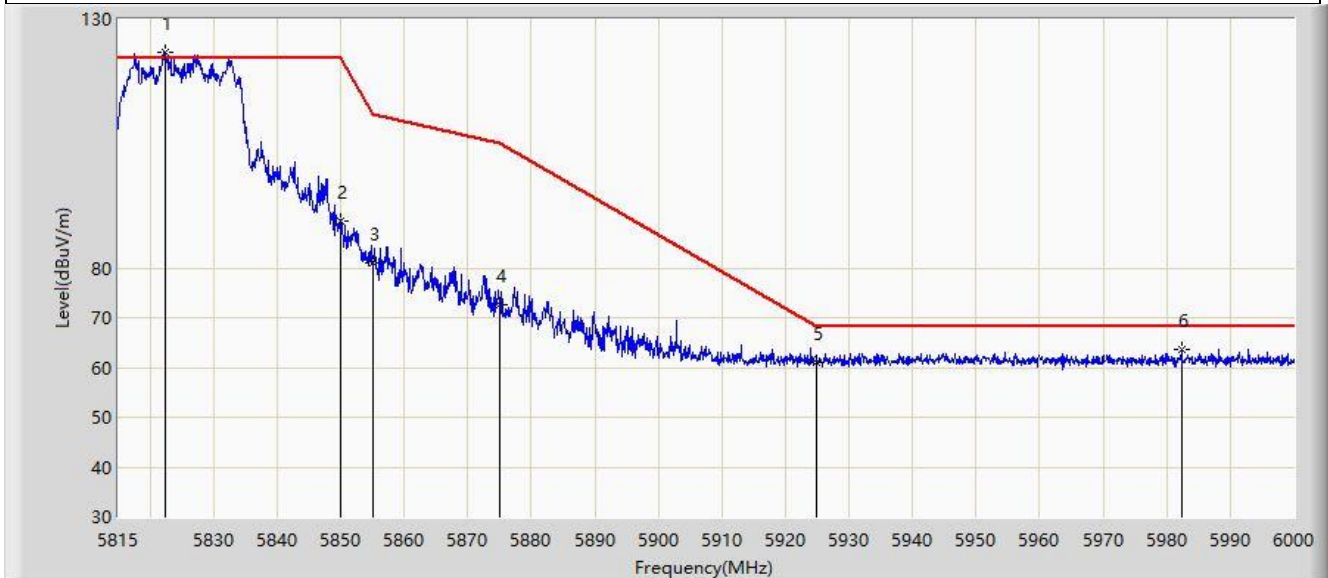
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5648.127	62.891	70.212	-5.309	68.200	-7.321	PK
2		5650.000	60.348	67.668	-7.852	68.200	-7.319	PK
3		5700.000	68.181	75.355	-37.019	105.200	-7.174	PK
4		5720.000	84.001	91.473	-26.799	110.800	-7.472	PK
5		5725.000	89.933	97.394	-32.267	122.200	-7.461	PK
6		5748.723	118.091	125.574	N/A	N/A	-7.484	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE20 at 5825MHz	



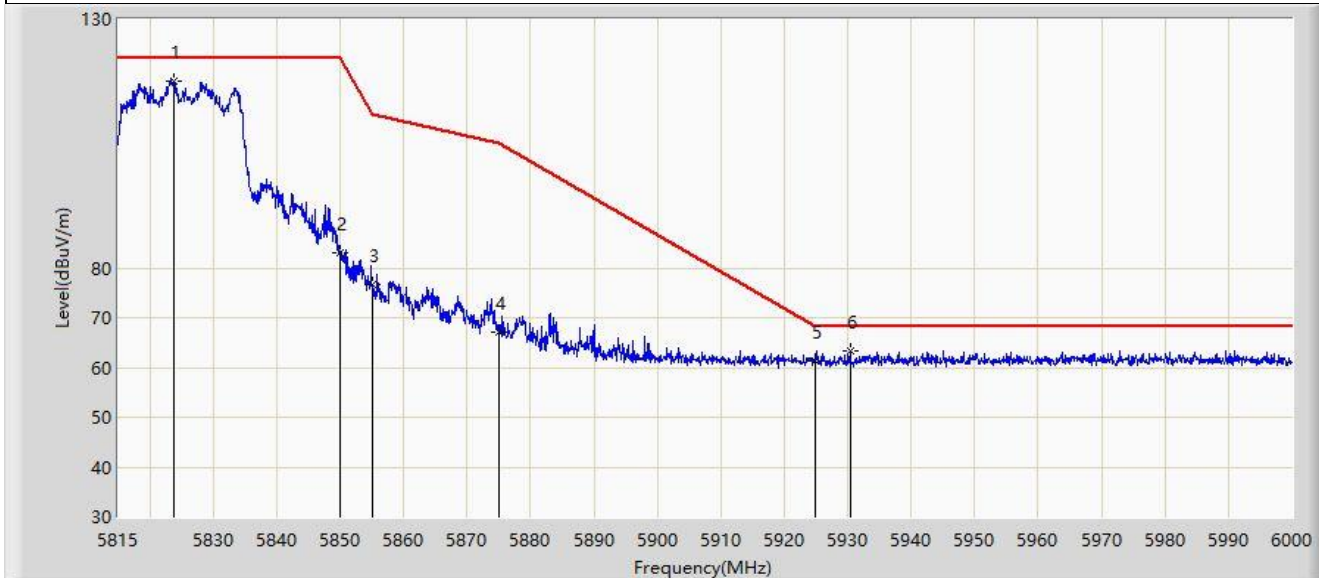
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5822.400	123.217	130.511	N/A	N/A	-7.295	PK
2		5850.000	89.495	96.732	-32.705	122.200	-7.237	PK
3		5855.000	81.046	88.264	-29.754	110.800	-7.217	PK
4		5875.000	72.495	79.847	-32.705	105.200	-7.352	PK
5		5925.000	61.015	68.141	-7.185	68.200	-7.126	PK
6	*	5982.333	63.666	70.658	-4.534	68.200	-6.992	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5823.695	117.615	124.903	N/A	N/A	-7.288	PK
2		5850.000	82.904	90.141	-39.296	122.200	-7.237	PK
3		5855.000	76.805	84.023	-33.995	110.800	-7.217	PK
4		5875.000	67.188	74.540	-38.012	105.200	-7.352	PK
5		5925.000	61.378	68.504	-6.822	68.200	-7.126	PK
6	*	5930.348	63.408	70.506	-4.792	68.200	-7.099	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	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	*	5149.700	64.750	68.081	-9.250	74.000	-3.331	PK
2		5150.000	63.007	66.253	-10.993	74.000	-3.246	PK
3		5184.350	118.262	82.540	N/A	N/A	35.722	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	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	53.806	57.119	-0.194	54.000	-3.312	AV
2		5150.000	53.721	56.967	-0.279	54.000	-3.246	AV
3		5184.750	107.359	72.109	N/A	N/A	35.251	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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	*	5149.100	53.154	56.597	-20.846	74.000	-3.442	PK
2		5150.000	52.237	55.483	-21.763	74.000	-3.246	PK
3		5191.050	108.830	70.710	N/A	N/A	38.120	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5190MHz	



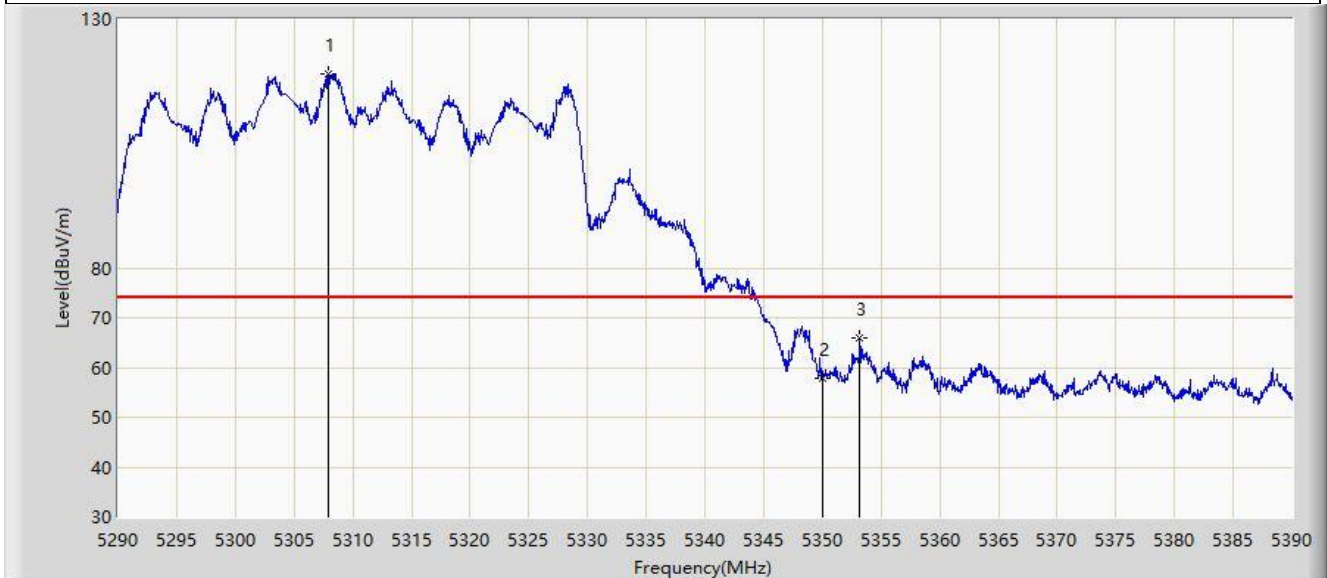
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5150.000	44.423	47.669	-9.577	54.000	-3.246	AV
2		5190.800	98.885	60.528	N/A	N/A	38.357	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



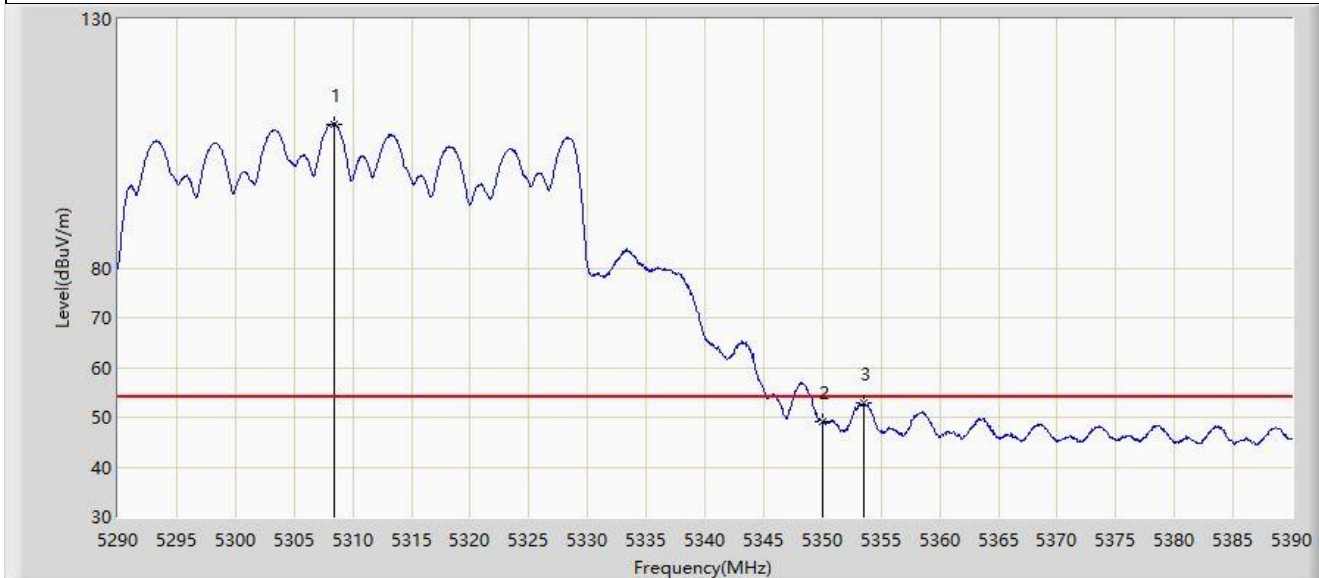
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5307.950	119.039	79.212	N/A	N/A	39.827	PK
2		5350.000	57.708	59.112	-16.292	74.000	-1.404	PK
3	*	5353.200	66.048	68.758	-7.952	74.000	-2.710	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



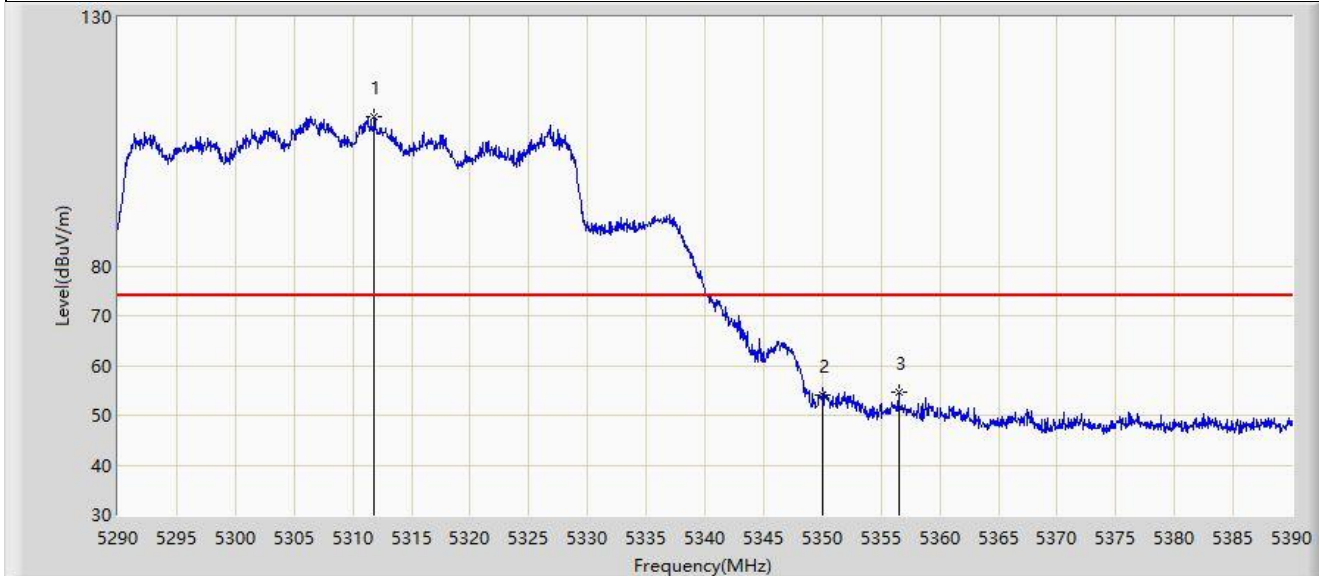
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5308.450	108.848	68.571	N/A	N/A	40.277	AV
2		5350.000	49.250	50.654	-4.750	54.000	-1.404	AV
3	*	5353.550	52.827	55.647	-1.173	54.000	-2.820	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5310MHz	



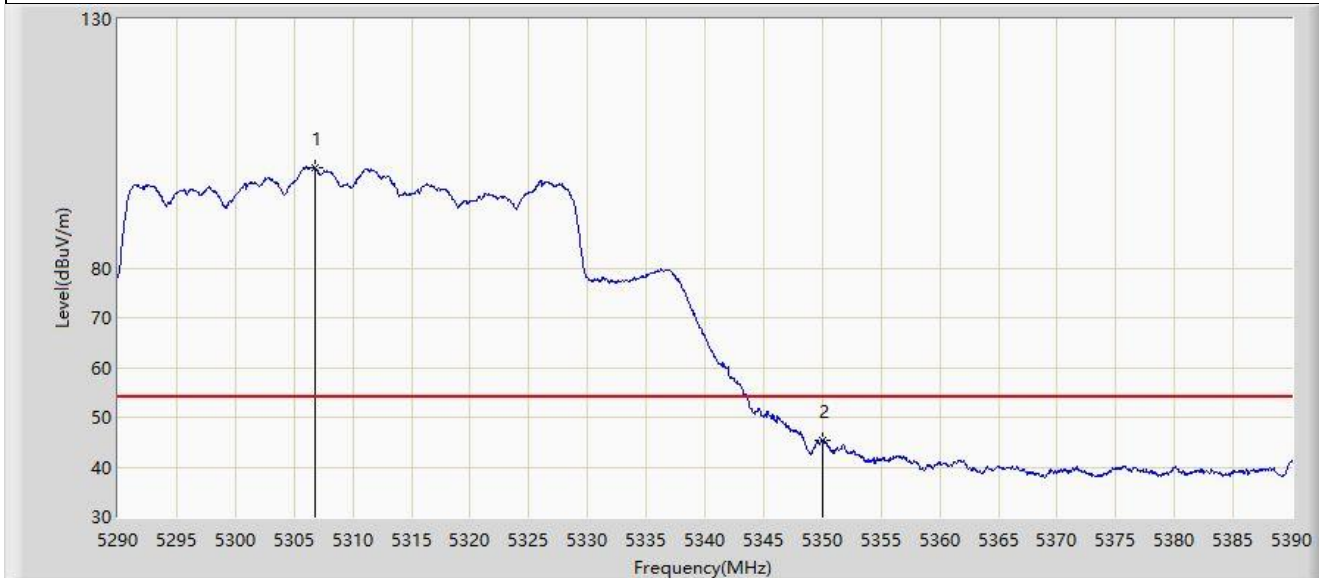
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5311.800	110.100	65.242	N/A	N/A	44.858	PK
2		5350.000	54.055	55.459	-19.945	74.000	-1.404	PK
3	*	5356.500	54.713	58.241	-19.287	74.000	-3.529	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5306.750	100.179	61.182	N/A	N/A	38.997	AV
2	*	5350.000	45.403	46.807	-8.597	54.000	-1.404	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



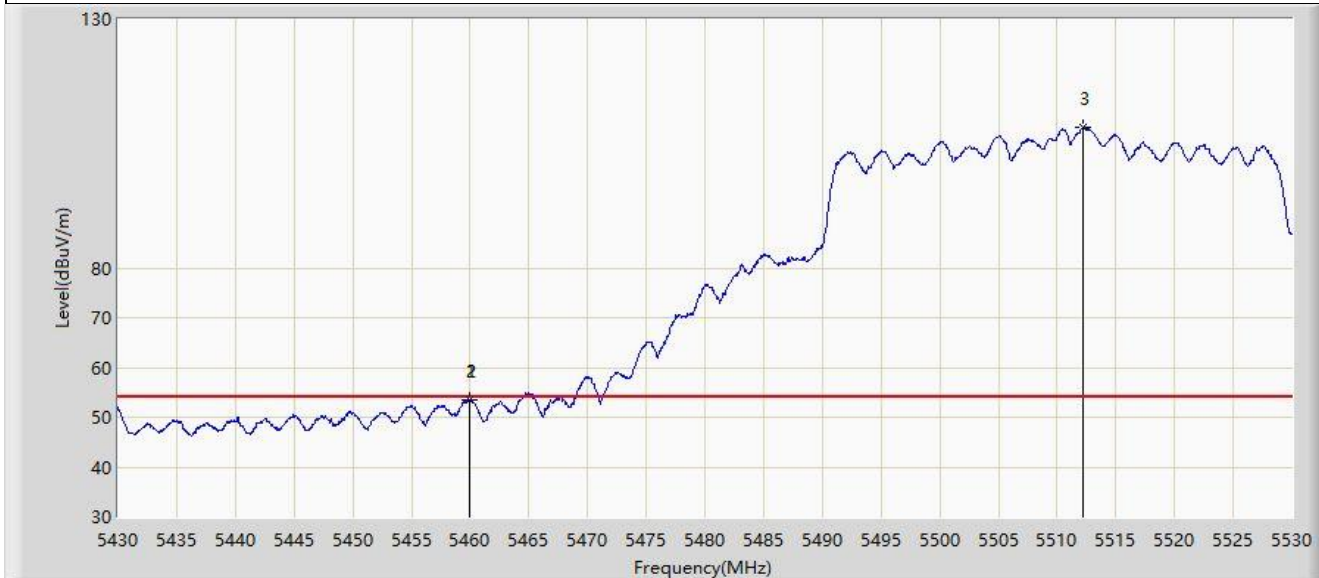
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5453.700	63.785	67.538	-10.215	74.000	-3.753	PK
2		5460.000	57.567	60.910	-10.633	68.200	-3.343	PK
3	*	5469.050	67.887	69.796	-0.313	68.200	-1.909	PK
4		5470.000	62.017	63.627	-6.183	68.200	-1.610	PK
5		5513.750	120.318	78.058	N/A	N/A	42.260	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



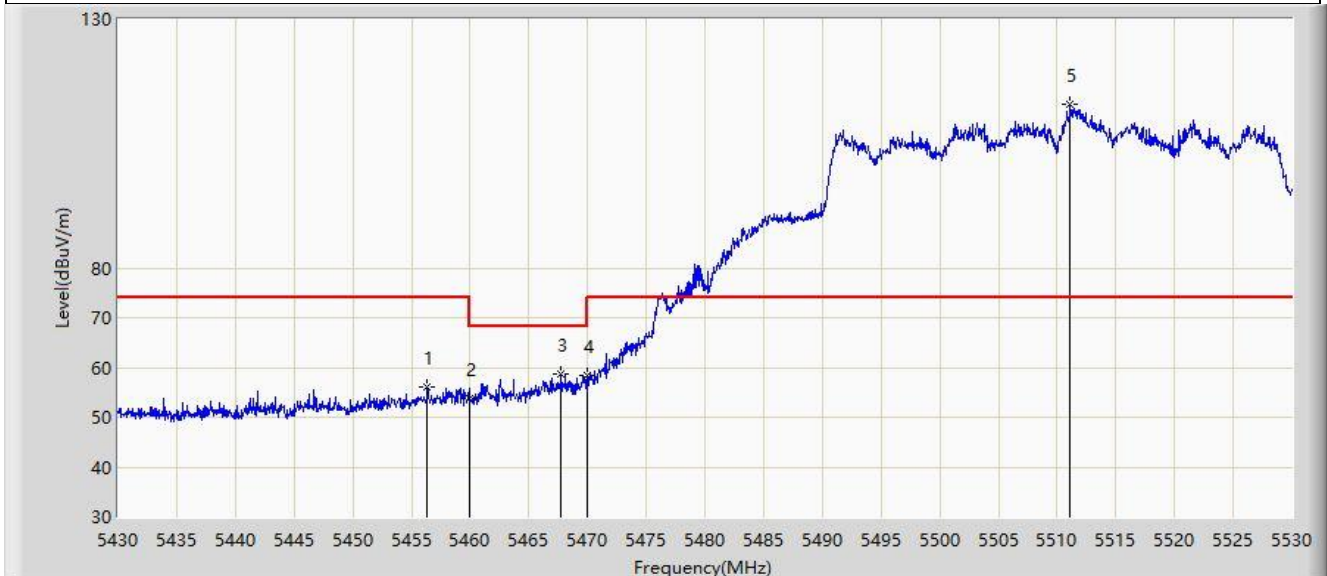
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5459.950	53.495	56.845	-0.505	54.000	-3.350	AV
2		5460.000	53.445	56.788	-0.555	54.000	-3.343	AV
3		5512.250	108.243	67.730	N/A	N/A	40.513	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5510MHz	



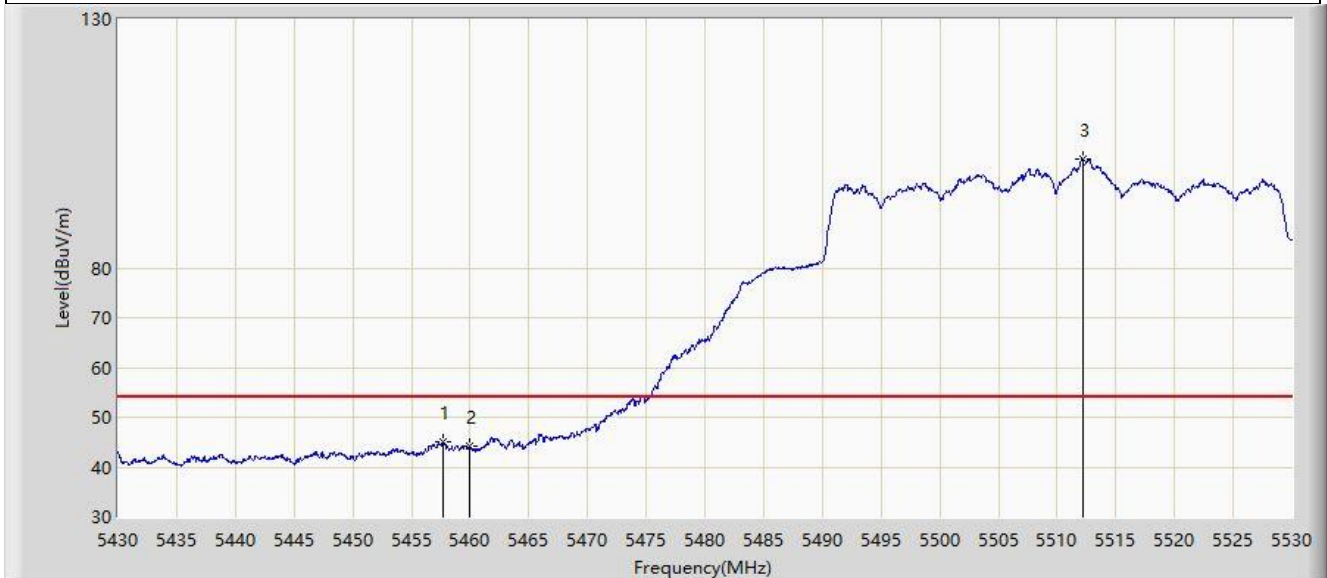
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5456.350	56.015	59.674	-17.985	74.000	-3.660	PK
2		5460.000	53.892	57.235	-14.308	68.200	-3.343	PK
3	*	5467.750	58.611	60.948	-9.589	68.200	-2.337	PK
4		5470.000	58.534	60.144	-9.666	68.200	-1.610	PK
5		5511.100	112.984	73.265	N/A	N/A	39.719	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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	*	5457.700	45.055	48.614	-8.945	54.000	-3.558	AV
2		5460.000	44.135	47.478	-9.865	54.000	-3.343	AV
3		5512.150	101.916	61.521	N/A	N/A	40.395	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	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		5661.300	119.067	81.105	N/A	N/A	37.962	PK
2		5725.000	65.343	67.178	-2.857	68.200	-1.836	PK
3	*	5728.650	67.284	70.573	-0.916	68.200	-3.289	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5670MHz	



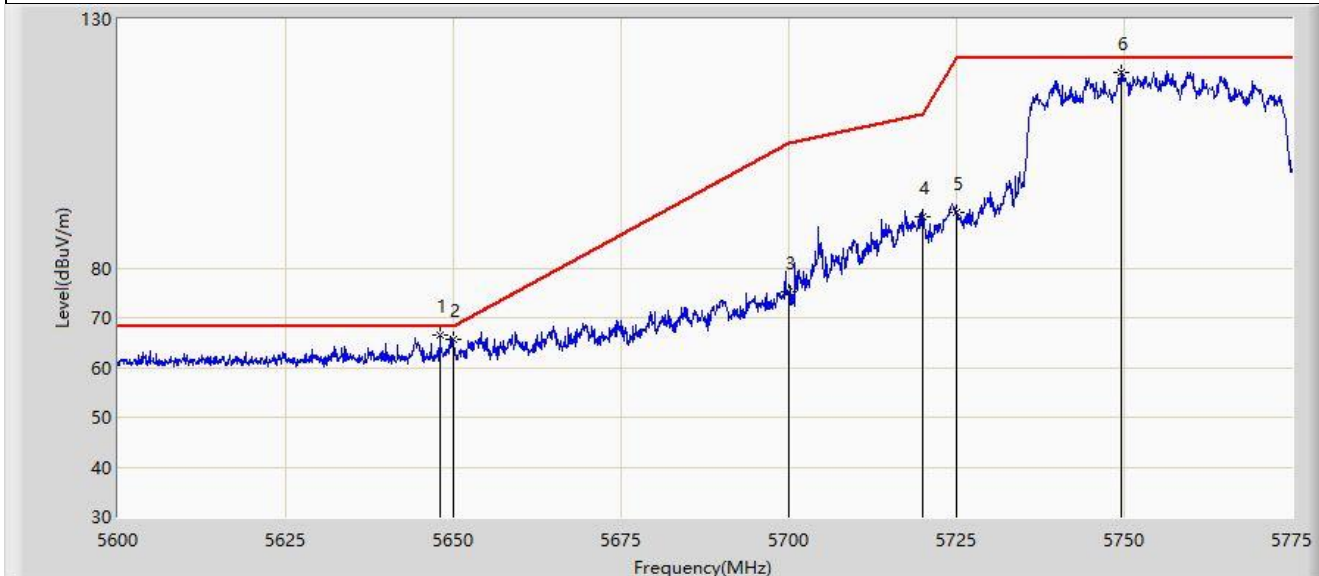
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5662.500	113.175	74.359	N/A	N/A	38.816	PK
2		5725.000	57.869	59.704	-10.331	68.200	-1.836	PK
3	*	5727.900	59.866	62.962	-8.334	68.200	-3.096	PK

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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



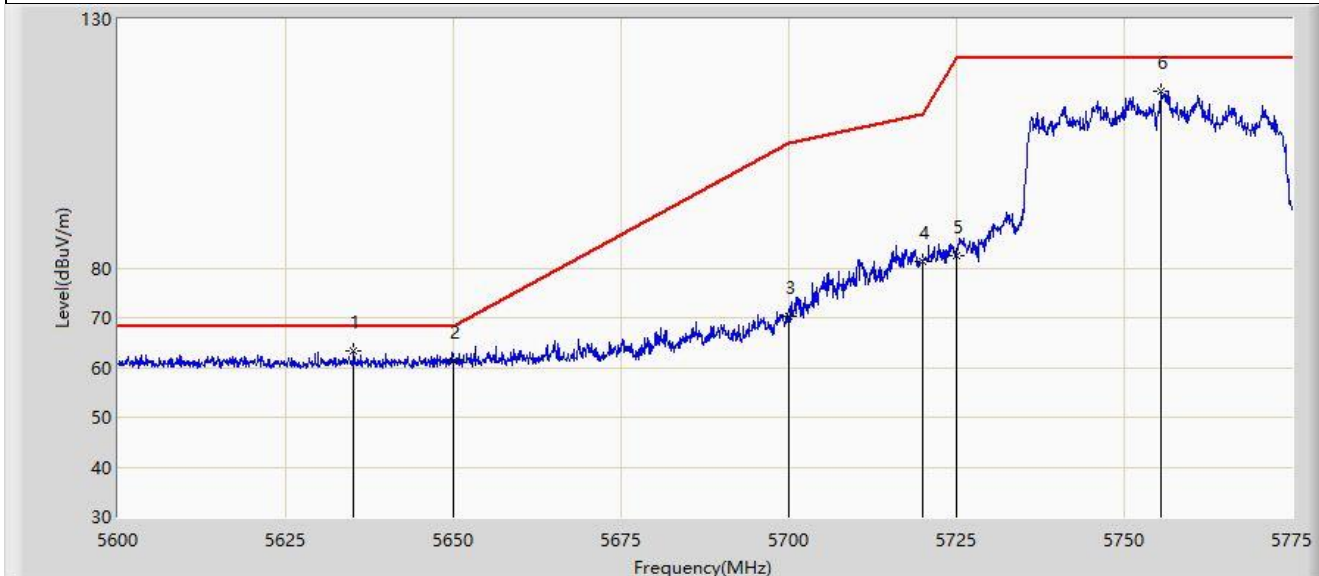
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5647.950	66.481	73.802	-1.719	68.200	-7.321	PK
2		5650.000	65.641	72.961	-2.559	68.200	-7.319	PK
3		5700.000	75.078	82.252	-30.122	105.200	-7.174	PK
4		5720.000	90.265	97.737	-20.535	110.800	-7.472	PK
5		5725.000	91.172	98.633	-31.028	122.200	-7.461	PK
6		5749.538	119.413	126.889	N/A	N/A	-7.476	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5755MHz	



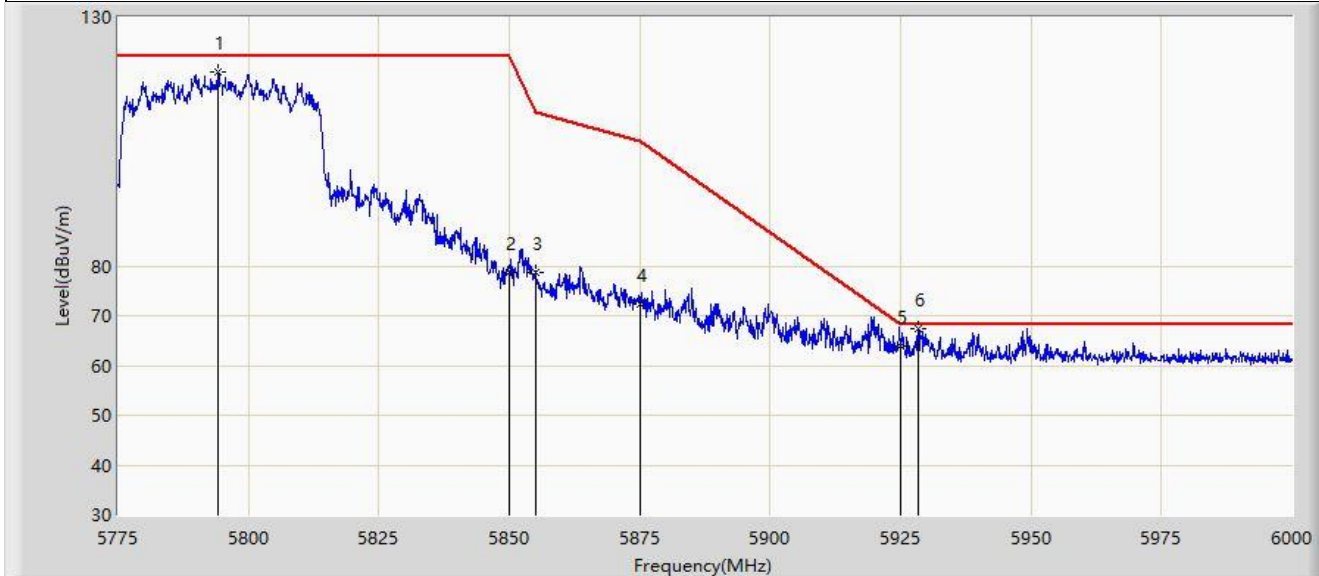
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5635.175	63.422	70.732	-4.778	68.200	-7.310	PK
2		5650.000	61.203	68.523	-6.997	68.200	-7.319	PK
3		5700.000	70.244	77.418	-34.956	105.200	-7.174	PK
4		5720.000	81.201	88.673	-29.599	110.800	-7.472	PK
5		5725.000	82.523	89.984	-39.677	122.200	-7.461	PK
6		5755.575	115.602	123.023	N/A	N/A	-7.420	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



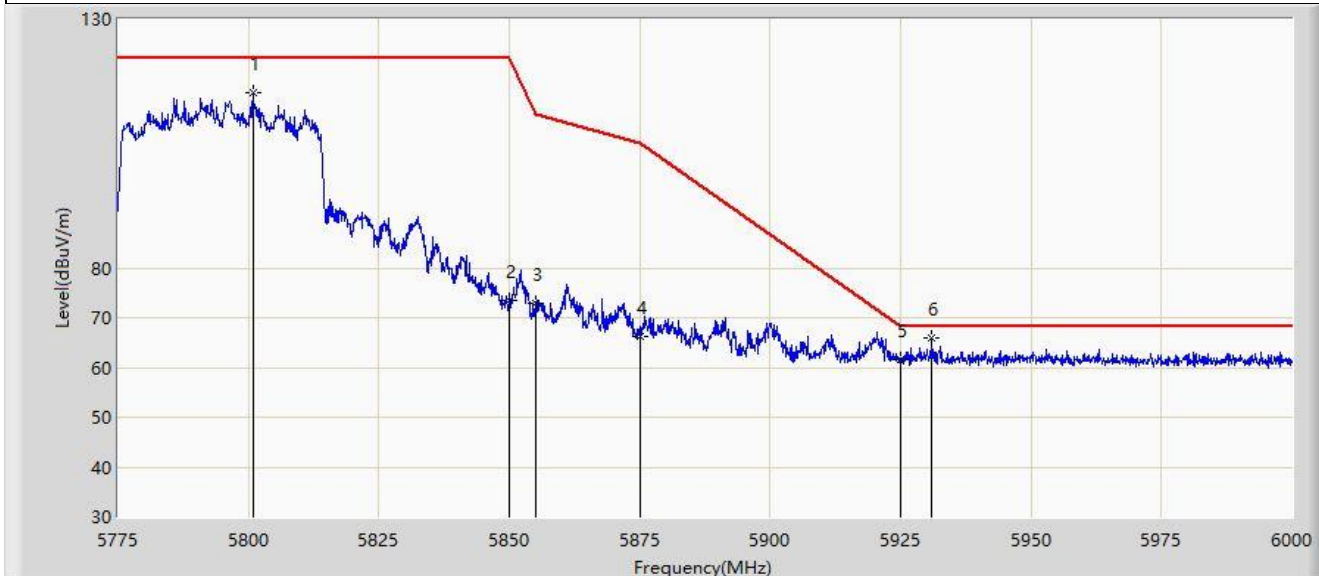
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5794.237	118.957	126.390	N/A	N/A	-7.433	PK
2		5850.000	78.771	86.008	-43.429	122.200	-7.237	PK
3		5855.000	78.749	85.967	-32.051	110.800	-7.217	PK
4		5875.000	72.430	79.782	-32.770	105.200	-7.352	PK
5		5925.000	63.845	70.971	-4.355	68.200	-7.126	PK
6	*	5928.337	67.307	74.416	-0.893	68.200	-7.110	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: SIP-AC3	Test Date: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE40 at 5795MHz	



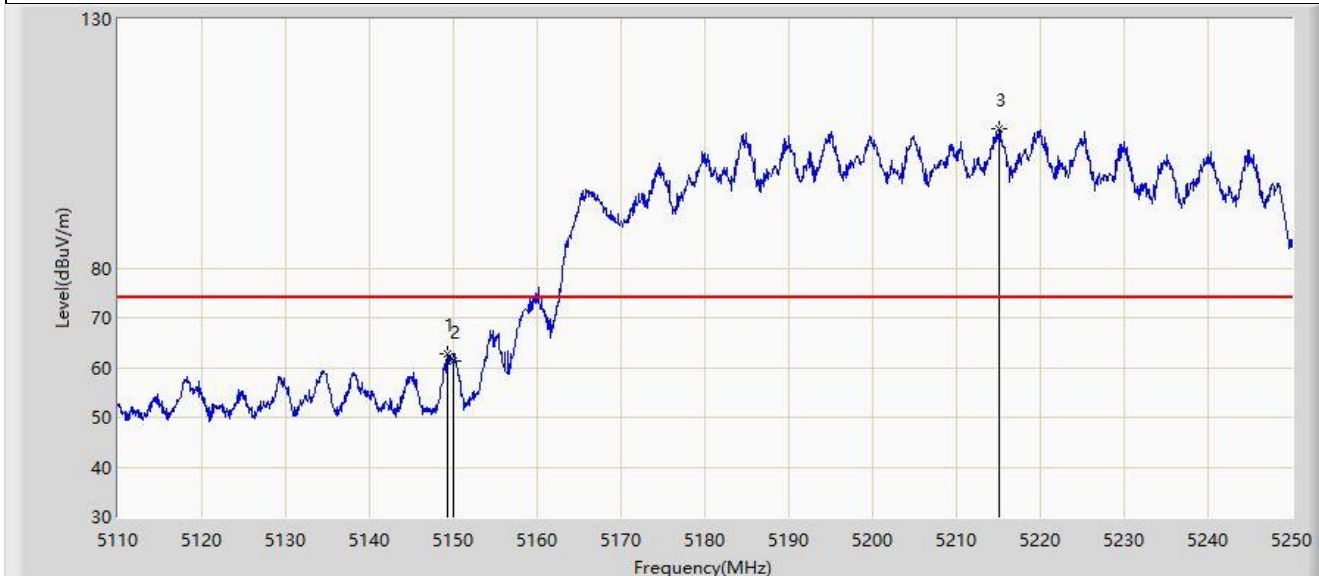
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5800.875	115.242	122.641	N/A	N/A	-7.399	PK
2		5850.000	73.612	80.849	-48.588	122.200	-7.237	PK
3		5855.000	72.976	80.194	-37.824	110.800	-7.217	PK
4		5875.000	66.095	73.447	-39.105	105.200	-7.352	PK
5		5925.000	61.610	68.736	-6.590	68.200	-7.126	PK
6	*	5931.038	65.913	73.006	-2.287	68.200	-7.093	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



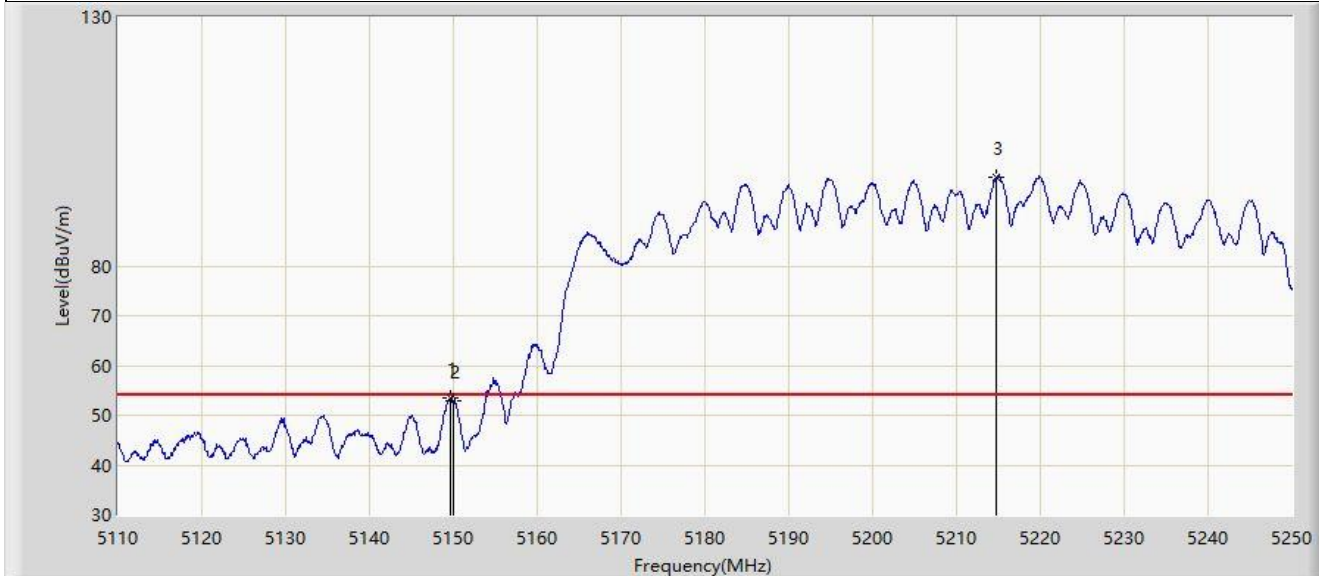
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.270	62.665	66.076	-11.335	74.000	-3.411	PK
2		5150.000	61.221	64.467	-12.779	74.000	-3.246	PK
3		5215.000	107.967	71.031	N/A	N/A	36.937	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



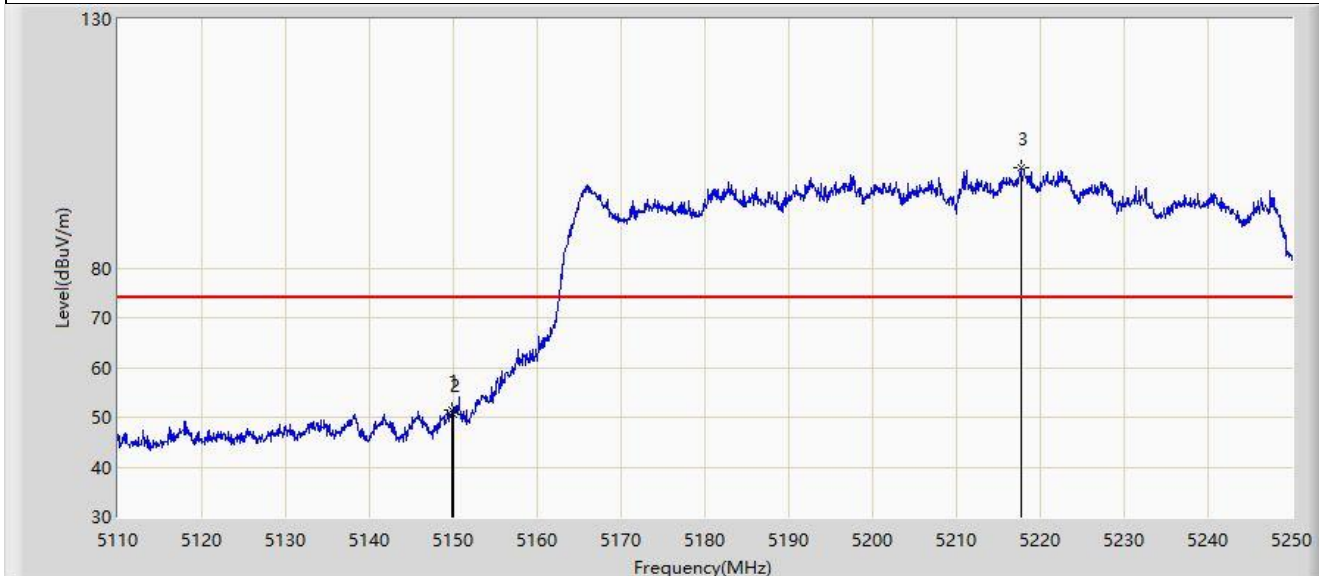
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.690	53.529	56.862	-0.471	54.000	-3.333	AV
2		5150.000	52.948	56.194	-1.052	54.000	-3.246	AV
3		5214.790	97.860	61.202	N/A	N/A	36.659	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



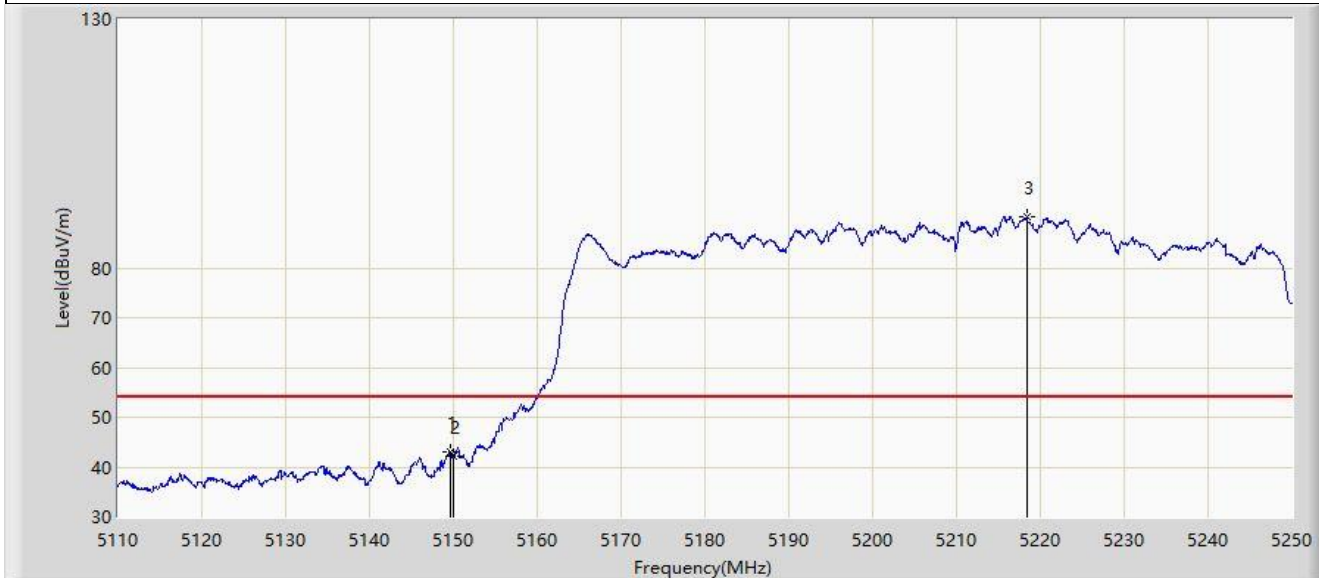
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.830	51.548	54.851	-22.452	74.000	-3.302	PK
2		5150.000	50.497	53.743	-23.503	74.000	-3.246	PK
3		5217.660	100.198	58.902	N/A	N/A	41.296	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5210MHz	



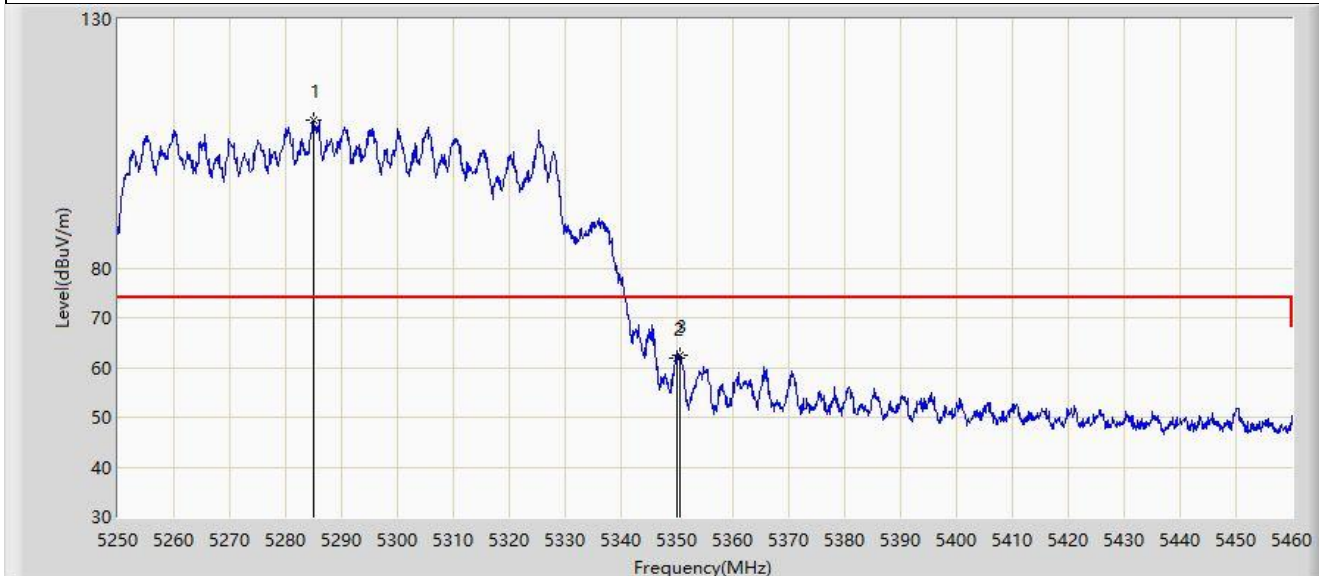
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5149.620	43.169	46.515	-10.831	54.000	-3.346	AV
2		5150.000	42.037	45.283	-11.963	54.000	-3.246	AV
3		5218.430	90.426	47.770	N/A	N/A	42.656	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



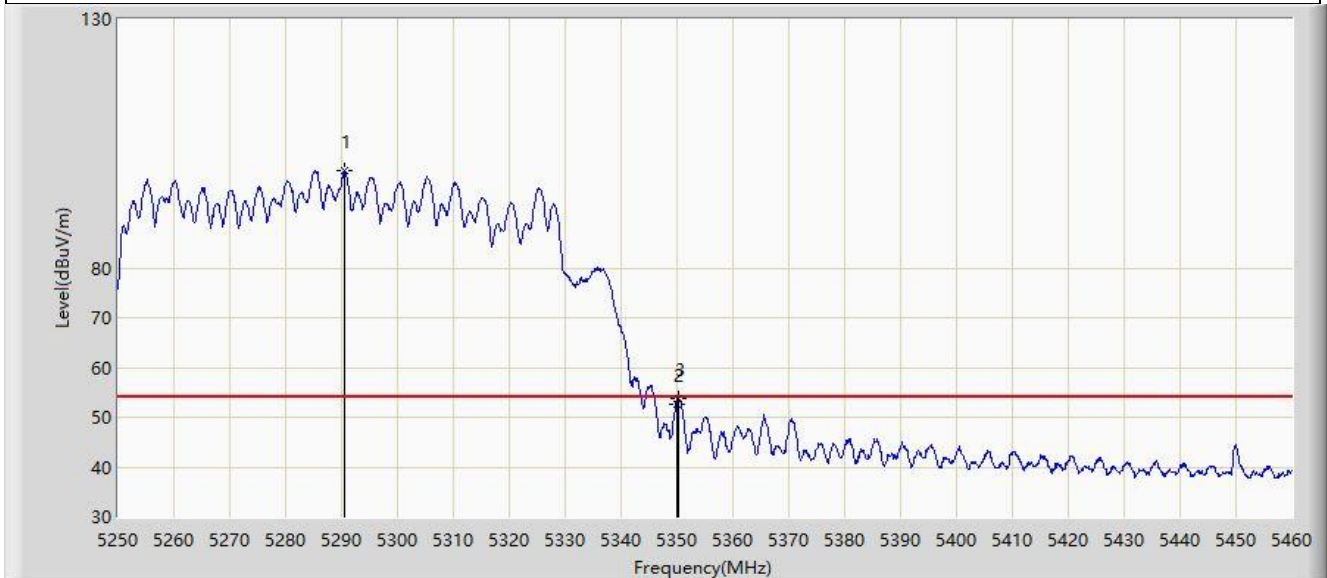
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5284.965	109.567	66.927	N/A	N/A	42.639	PK
2		5350.000	61.975	63.379	-12.025	74.000	-1.404	PK
3	*	5350.590	62.554	64.269	-11.446	74.000	-1.715	PK

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



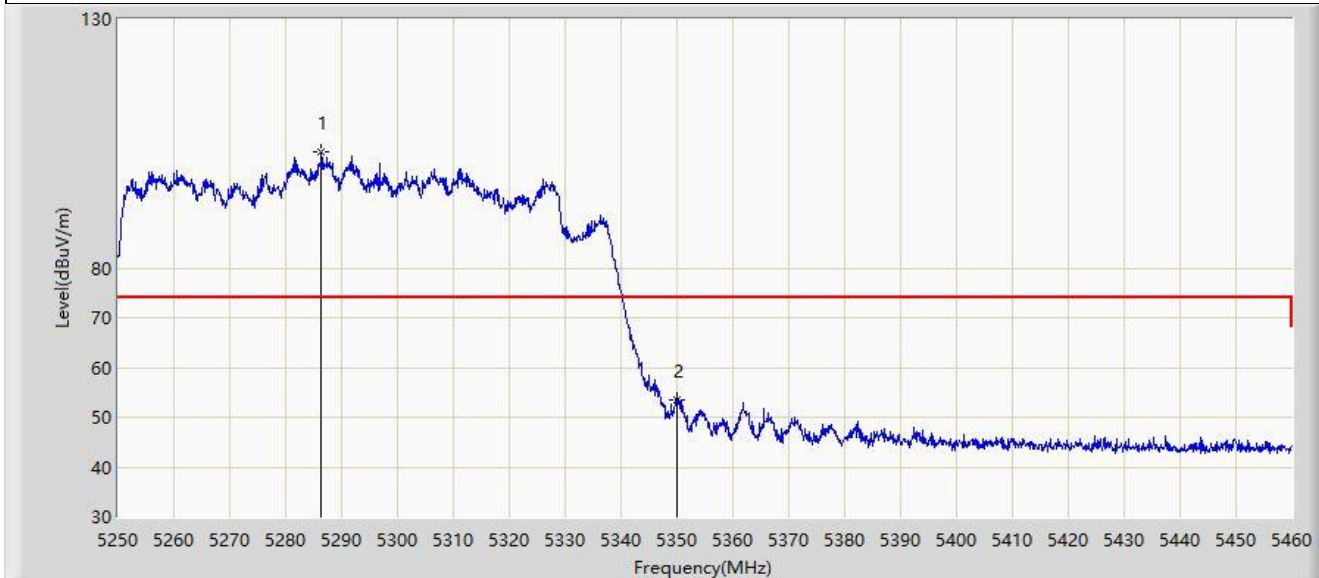
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5290.635	99.425	60.874	N/A	N/A	38.551	AV
2		5350.000	52.747	54.151	-1.253	54.000	-1.404	AV
3	*	5350.170	53.660	55.155	-0.340	54.000	-1.495	AV

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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	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		5286.330	103.234	62.160	N/A	N/A	41.074	PK
2	*	5350.000	53.458	54.862	-20.542	74.000	-1.404	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5290MHz	



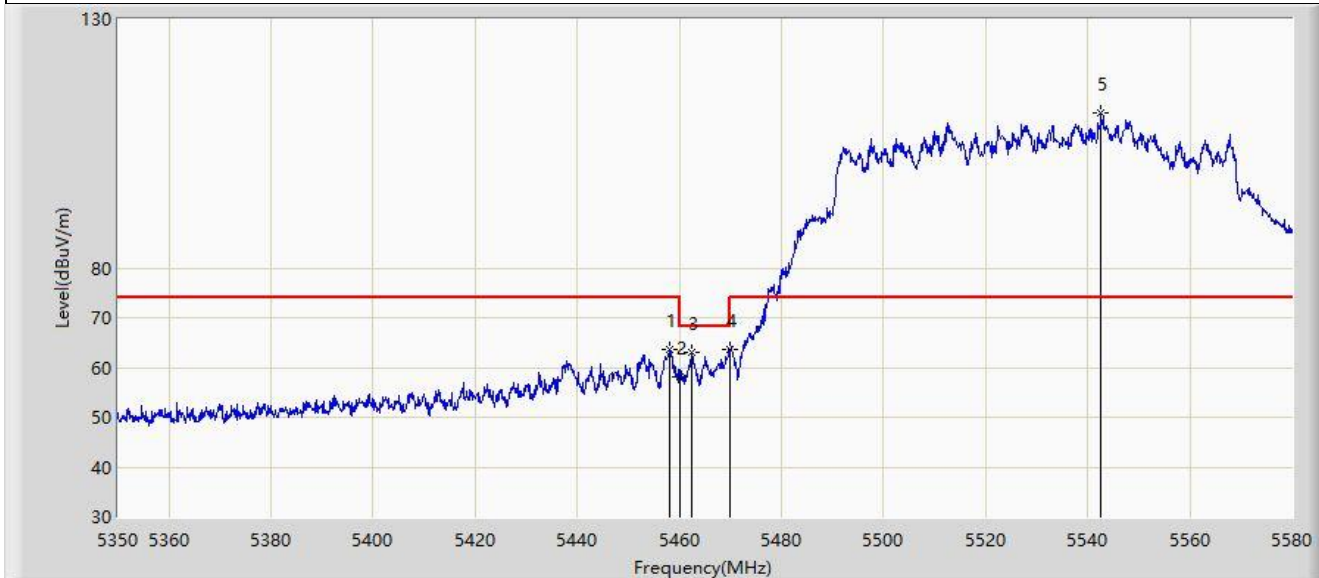
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5286.120	93.018	51.736	N/A	N/A	41.282	AV
2	*	5350.000	44.807	46.211	-9.193	54.000	-1.404	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



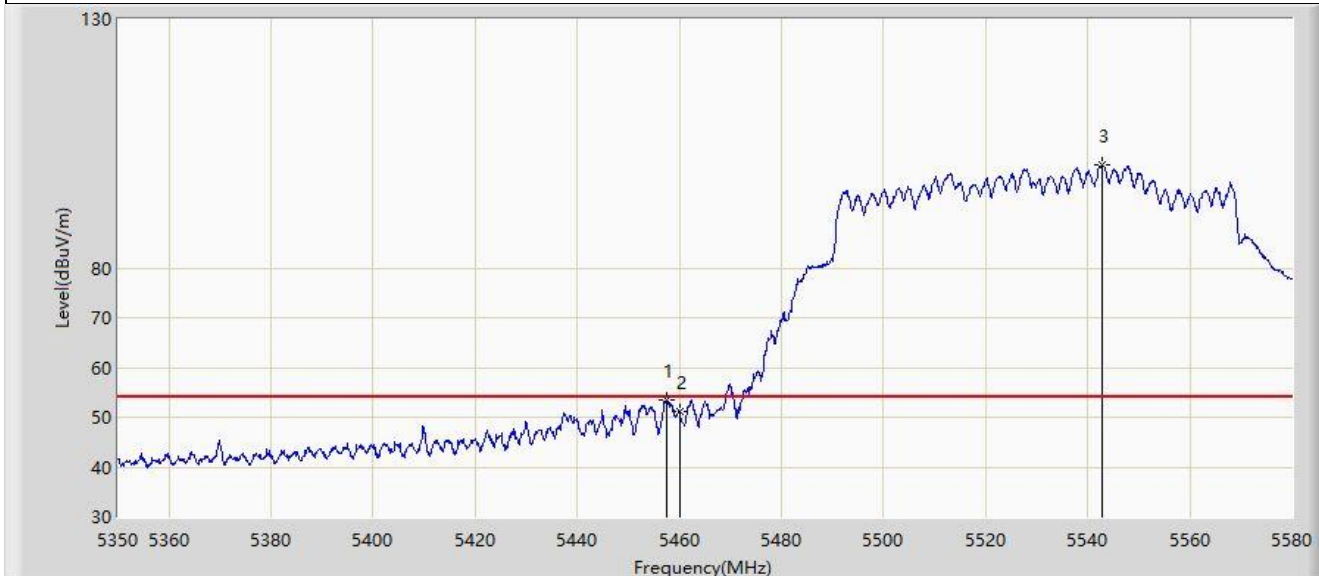
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5458.215	63.659	67.128	-10.341	74.000	-3.470	PK
2		5460.000	58.149	61.492	-10.051	68.200	-3.343	PK
3		5462.470	62.918	66.112	-5.282	68.200	-3.194	PK
4	*	5470.000	63.616	65.226	-4.584	68.200	-1.610	PK
5		5542.510	111.278	72.457	N/A	N/A	38.821	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



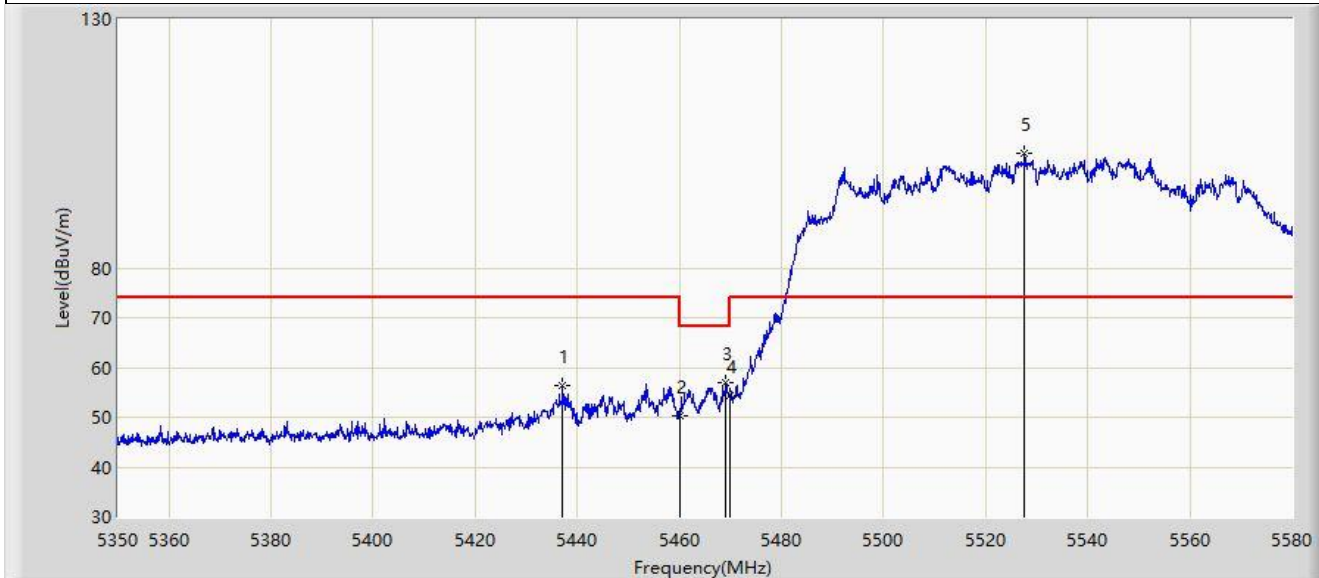
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5457.525	53.621	57.196	-0.379	54.000	-3.574	AV
2		5460.000	51.127	54.470	-2.873	54.000	-3.343	AV
3		5542.740	100.734	61.871	N/A	N/A	38.862	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



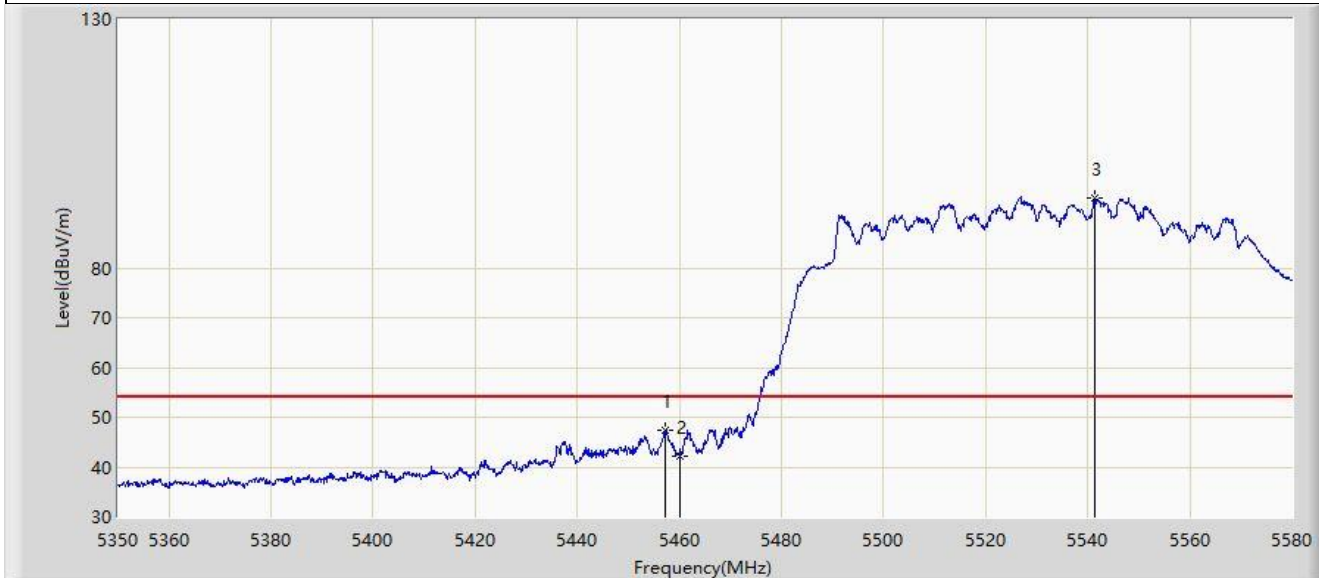
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5437.170	56.501	60.969	-17.499	74.000	-4.469	PK
2		5460.000	50.425	53.768	-17.775	68.200	-3.343	PK
3	*	5469.140	57.080	58.942	-11.120	68.200	-1.863	PK
4		5470.000	54.235	55.845	-13.965	68.200	-1.610	PK
5		5527.675	103.170	59.139	N/A	N/A	44.031	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5530MHz	



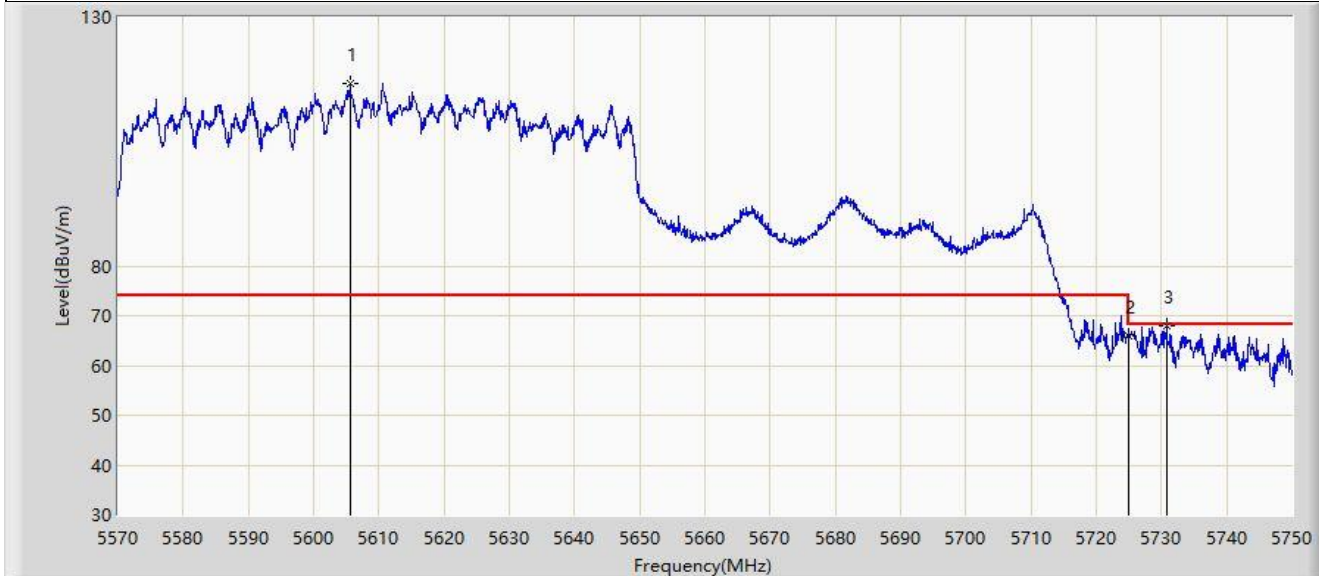
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5457.295	47.445	51.012	-6.555	54.000	-3.567	AV
2		5460.000	42.298	45.641	-11.702	54.000	-3.343	AV
3		5541.245	94.072	55.277	N/A	N/A	38.796	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



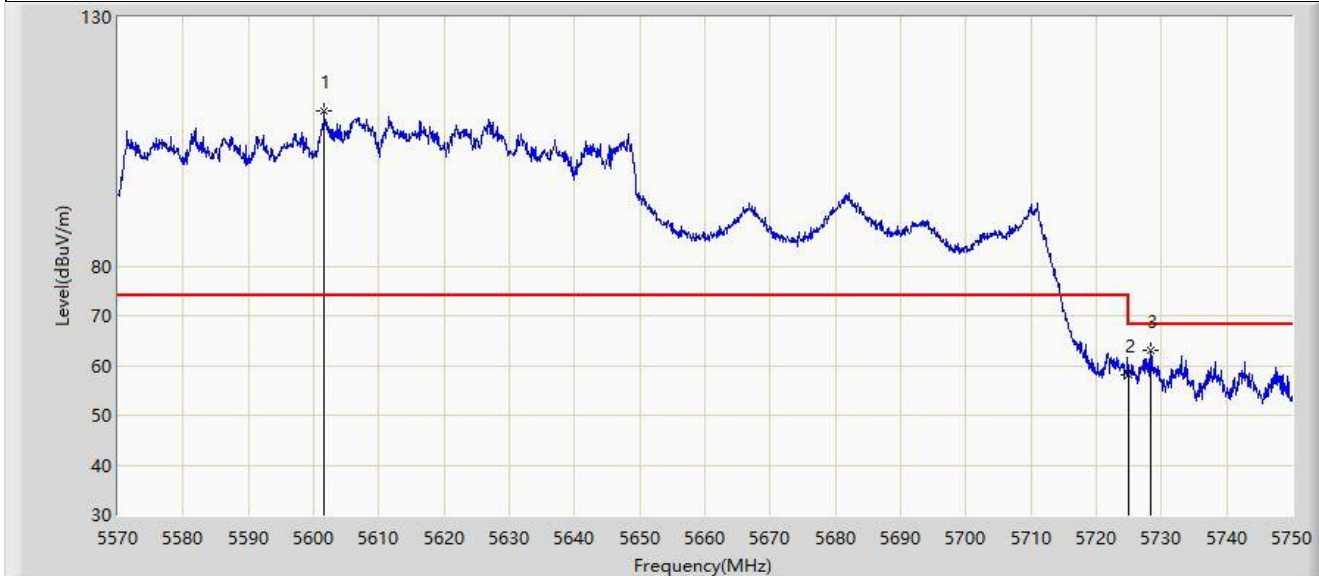
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5605.550	116.754	77.025	N/A	N/A	39.730	PK
2		5725.000	65.968	67.803	-2.232	68.200	-1.836	PK
3	*	5730.830	67.926	71.726	-0.274	68.200	-3.800	PK

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5610MHz	



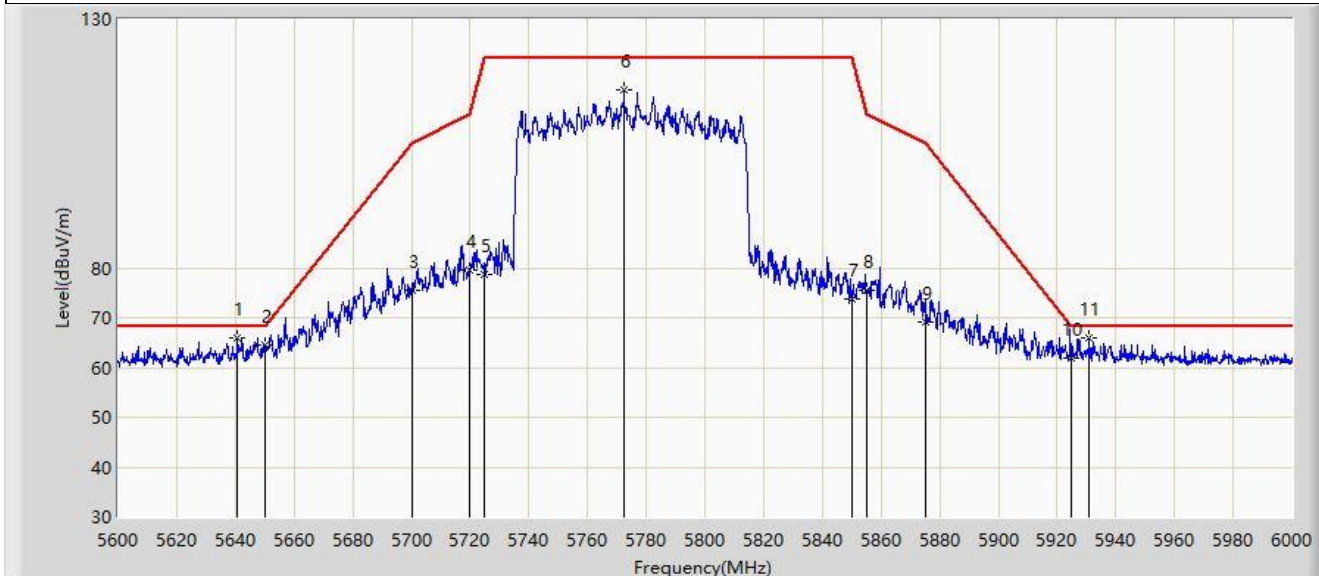
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5601.590	111.213	73.797	N/A	N/A	37.415	PK
2		5725.000	58.171	60.006	-10.029	68.200	-1.836	PK
3	*	5728.310	63.044	66.248	-5.156	68.200	-3.204	PK

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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5775MHz	



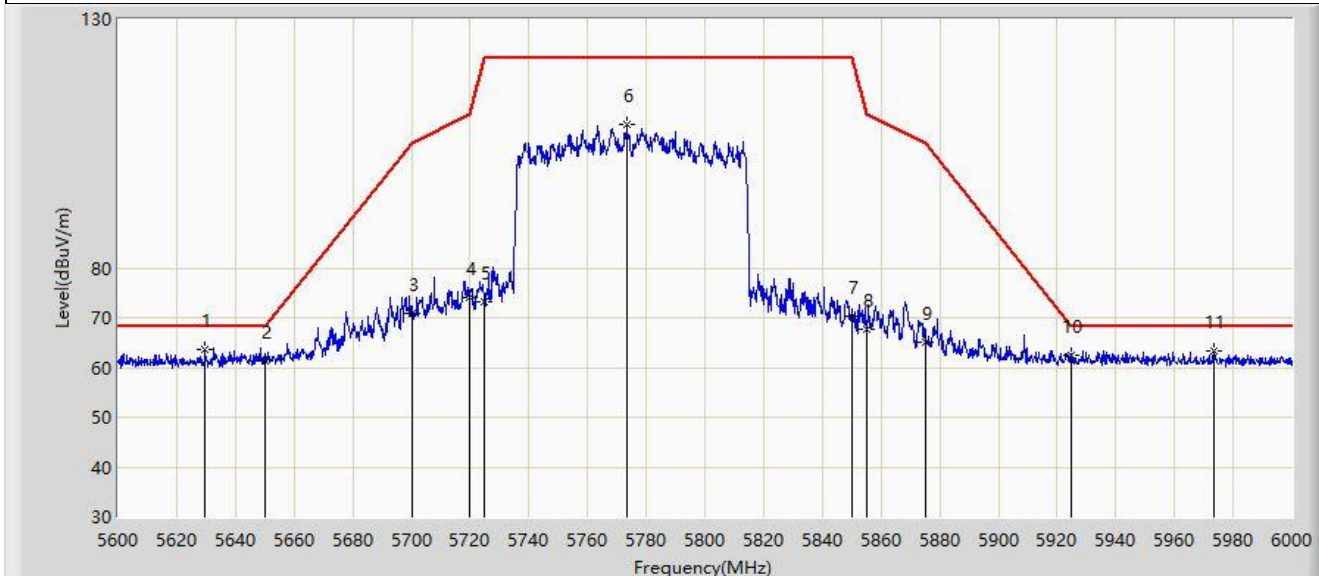
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5640.800	65.972	73.299	-2.228	68.200	-7.328	PK
2		5650.000	64.443	71.763	-3.757	68.200	-7.319	PK
3		5700.000	75.600	82.774	-29.600	105.200	-7.174	PK
4		5720.000	79.634	87.106	-31.166	110.800	-7.472	PK
5		5725.000	78.554	86.015	-43.646	122.200	-7.461	PK
6		5772.400	115.783	123.164	N/A	N/A	-7.380	PK
7		5850.000	73.661	80.898	-48.539	122.200	-7.237	PK
8		5855.000	75.600	82.818	-35.200	110.800	-7.217	PK
9		5875.000	69.072	76.424	-36.128	105.200	-7.352	PK
10		5925.000	61.825	68.951	-6.375	68.200	-7.126	PK
11	*	5931.000	66.025	73.118	-2.175	68.200	-7.093	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: 2024-03-29
Limit: FCC_5.8G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE80 at 5775MHz	



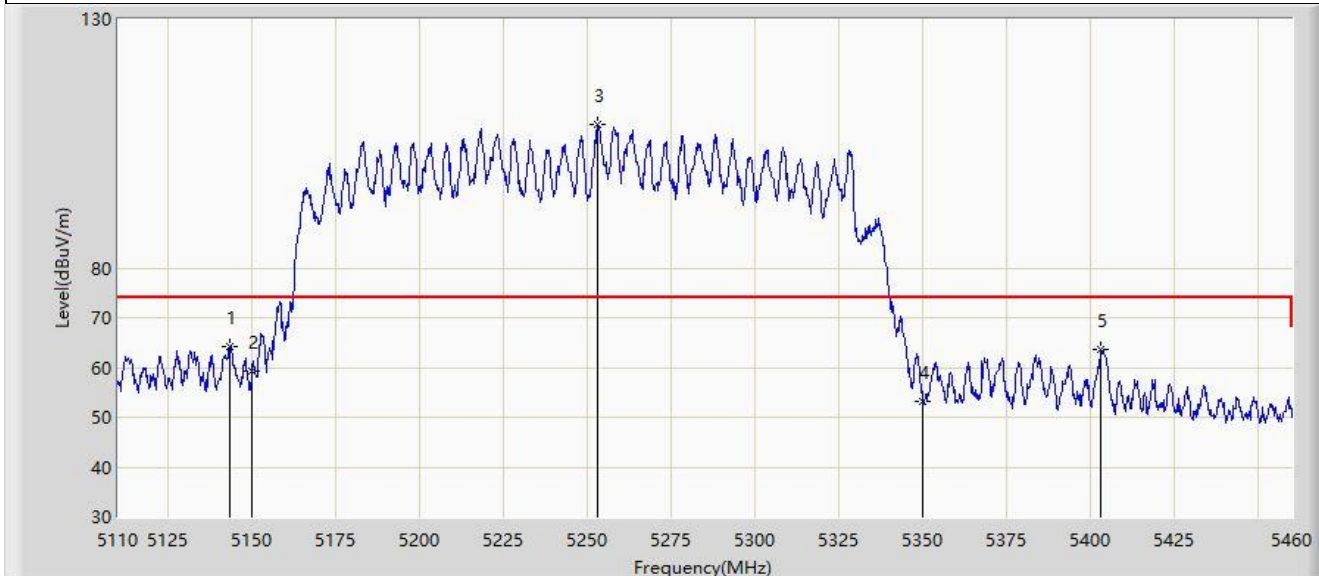
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5629.800	63.751	71.044	-4.449	68.200	-7.293	PK
2		5650.000	61.419	68.739	-6.781	68.200	-7.319	PK
3		5700.000	70.926	78.100	-34.274	105.200	-7.174	PK
4		5720.000	74.173	81.645	-36.627	110.800	-7.472	PK
5		5725.000	73.105	80.566	-49.095	122.200	-7.461	PK
6		5773.400	108.932	116.313	N/A	N/A	-7.380	PK
7		5850.000	70.414	77.651	-51.786	122.200	-7.237	PK
8		5855.000	67.587	74.805	-43.213	110.800	-7.217	PK
9		5875.000	65.000	72.352	-40.200	105.200	-7.352	PK
10		5925.000	62.350	69.476	-5.850	68.200	-7.126	PK
11		5973.200	63.403	70.386	-4.797	68.200	-6.983	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



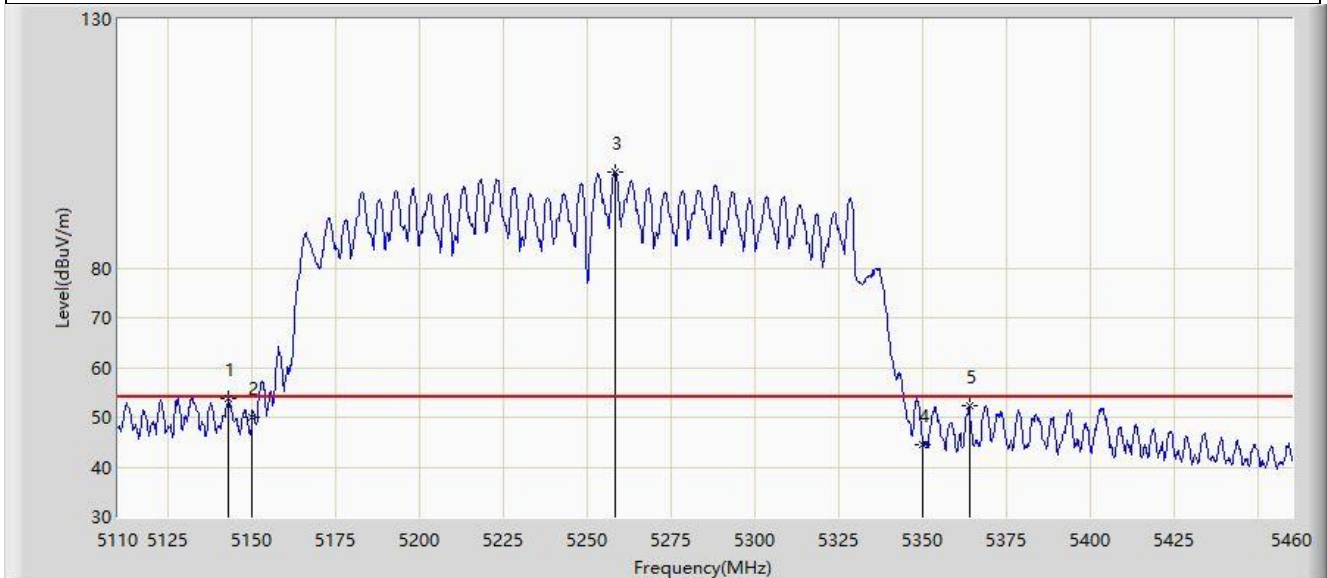
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5143.250	64.320	68.503	-9.680	74.000	-4.183	PK
2		5150.000	59.164	62.410	-14.836	74.000	-3.246	PK
3		5252.975	108.833	72.171	N/A	N/A	36.662	PK
4		5350.000	53.162	54.566	-20.838	74.000	-1.404	PK
5		5403.125	63.742	68.825	-10.258	74.000	-5.083	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



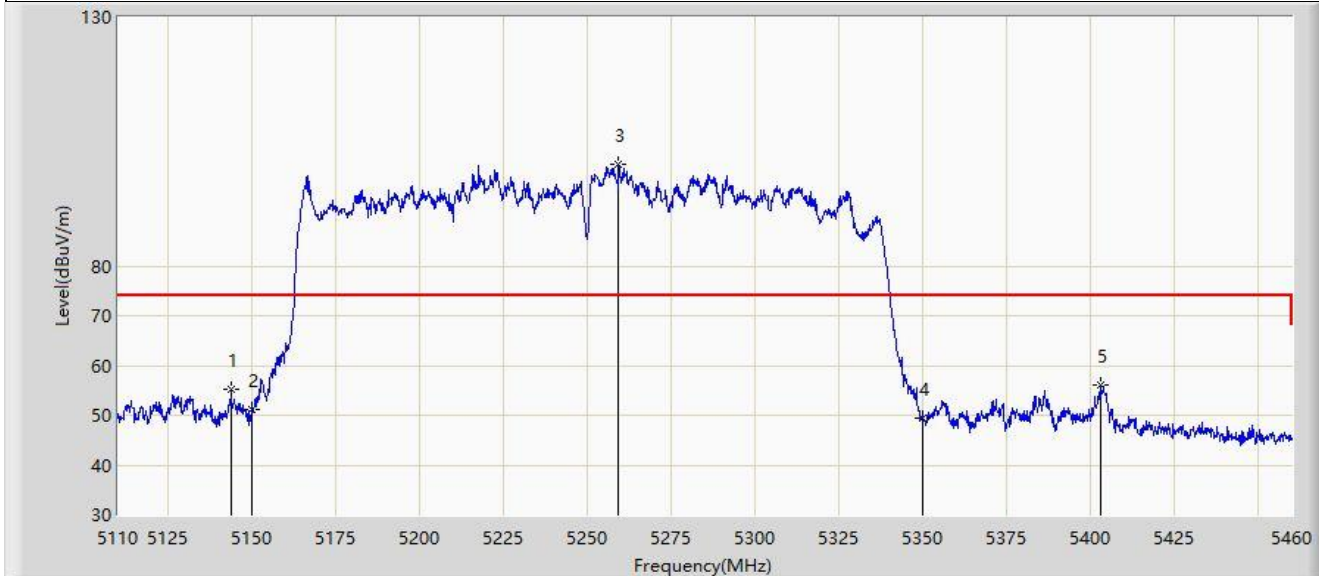
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5143.075	53.758	57.940	-0.242	54.000	-4.181	AV
2		5150.000	49.935	53.181	-4.065	54.000	-3.246	AV
3		5258.400	99.357	55.561	N/A	N/A	43.796	AV
4		5350.000	44.413	45.817	-9.587	54.000	-1.404	AV
5		5363.750	52.241	56.680	-1.759	54.000	-4.440	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



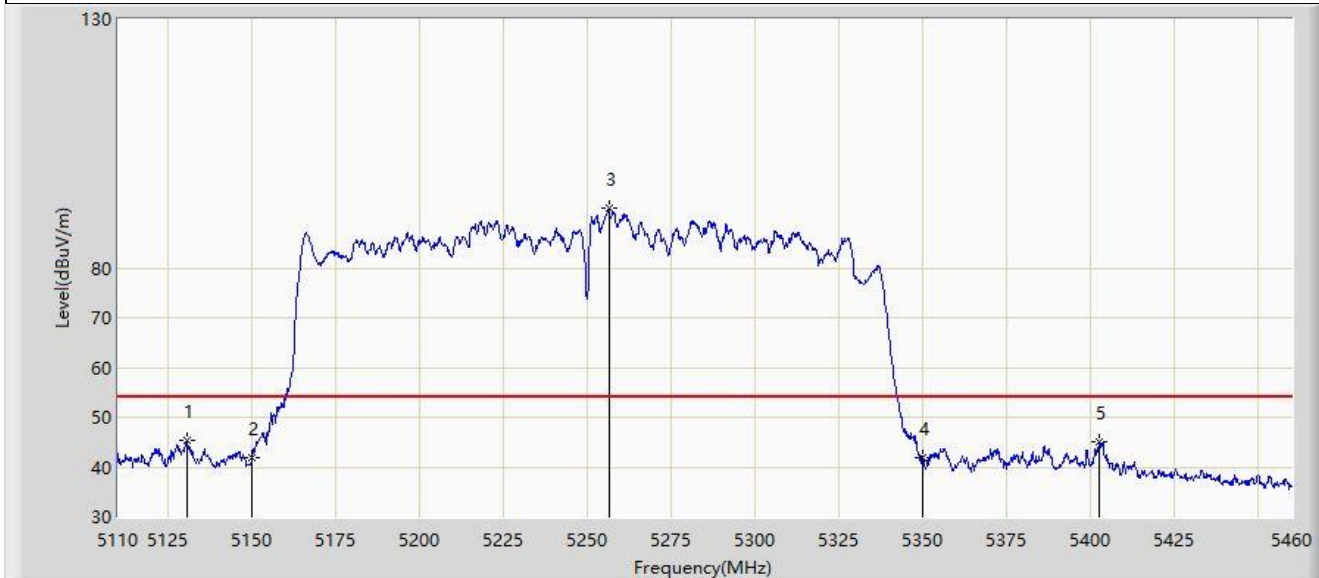
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5143.775	55.208	59.376	-18.792	74.000	-4.169	PK
2		5150.000	51.176	54.422	-22.824	74.000	-3.246	PK
3		5259.275	100.557	55.293	N/A	N/A	45.263	PK
4		5350.000	49.503	50.907	-24.497	74.000	-1.404	PK
5	*	5402.950	56.217	61.300	-17.783	74.000	-5.083	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: 2024-03-28
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5250MHz	



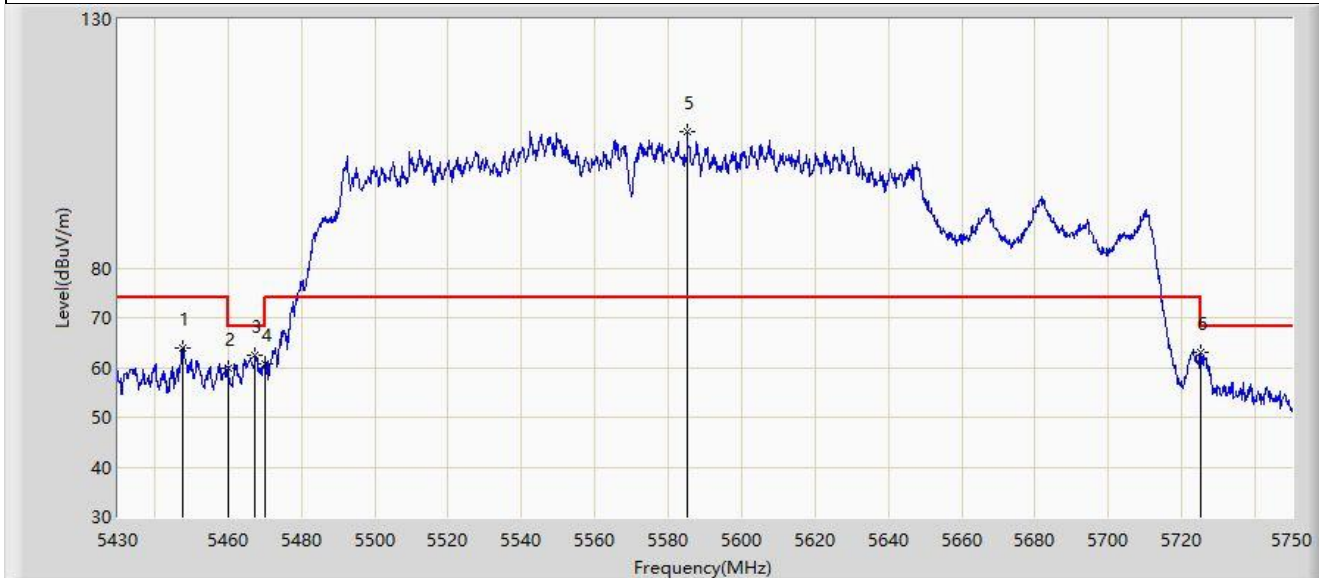
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5130.475	45.339	50.067	-8.661	54.000	-4.728	AV
2		5150.000	42.014	45.260	-11.986	54.000	-3.246	AV
3		5256.475	91.998	51.518	N/A	N/A	40.480	AV
4		5350.000	41.885	43.289	-12.115	54.000	-1.404	AV
5		5402.600	45.205	50.289	-8.795	54.000	-5.084	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



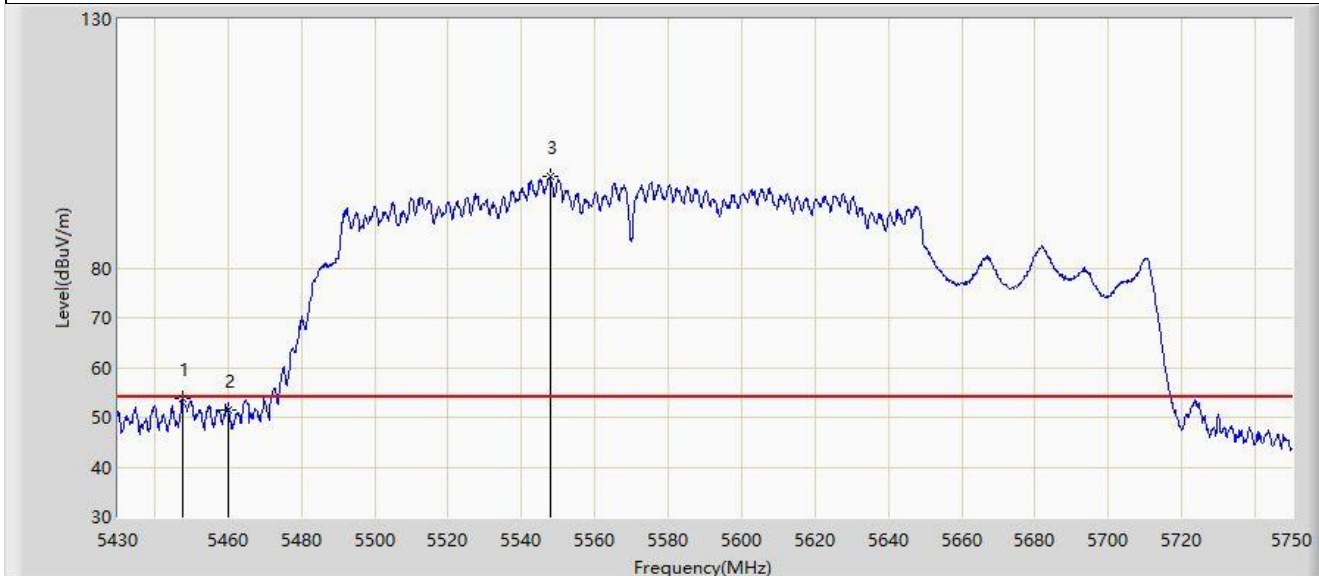
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5447.600	64.028	68.132	-9.972	74.000	-4.105	PK
2		5460.000	59.873	63.216	-8.327	68.200	-3.343	PK
3		5467.440	62.431	64.840	-5.769	68.200	-2.409	PK
4		5470.000	60.706	62.316	-7.494	68.200	-1.610	PK
5		5585.200	107.515	67.545	N/A	N/A	39.970	PK
6	*	5725.000	62.911	64.746	-5.289	68.200	-1.836	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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Horizontal
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



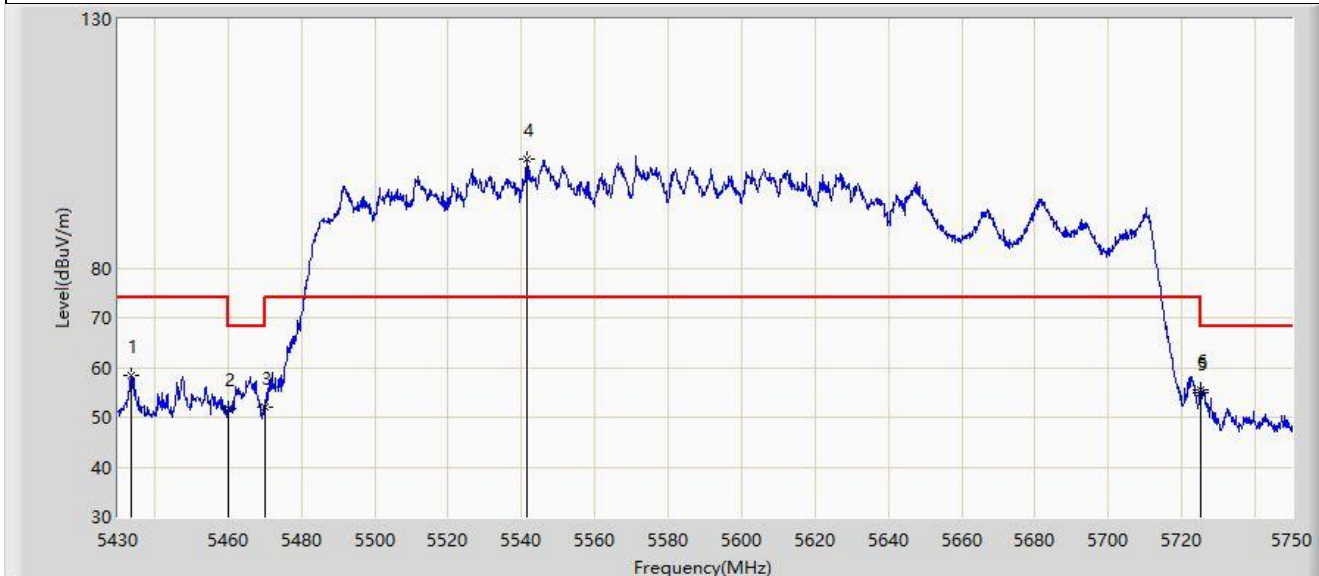
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5447.600	53.630	57.734	-0.370	54.000	-4.105	AV
2		5460.000	51.395	54.738	-2.605	54.000	-3.343	AV
3		5547.760	98.330	56.258	N/A	N/A	42.072	AV

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: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



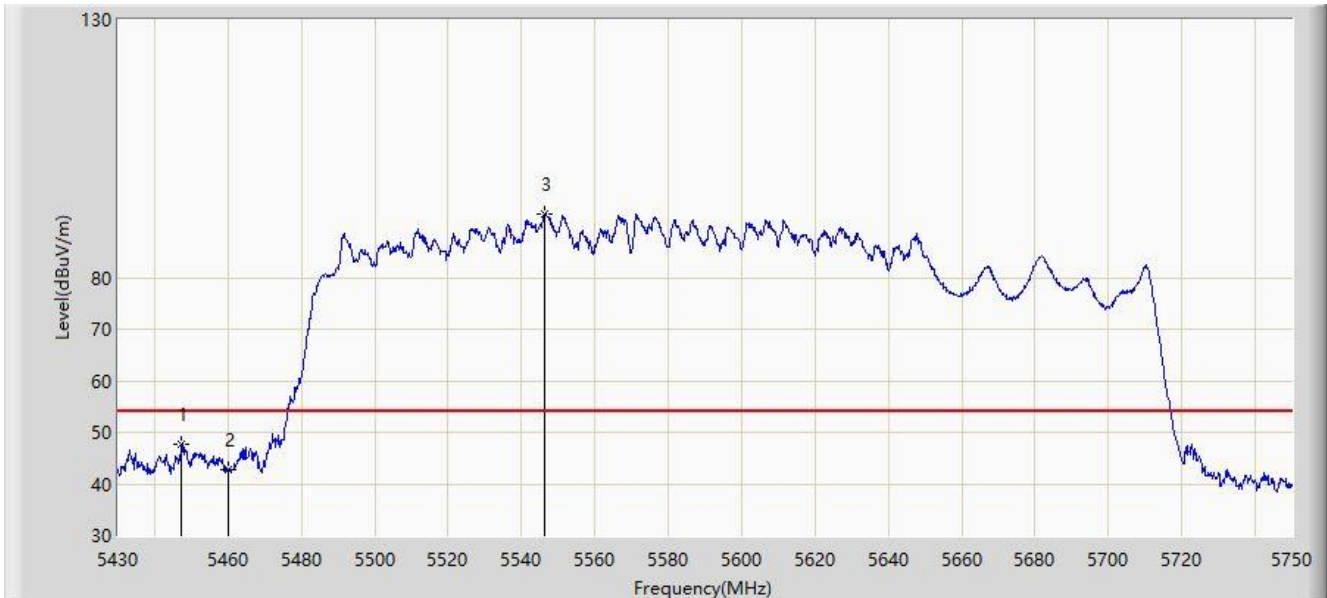
No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1		5433.520	58.263	62.778	-15.737	74.000	-4.515	PK
2		5460.000	51.616	54.959	-16.584	68.200	-3.343	PK
3		5470.000	52.053	53.663	-16.147	68.200	-1.610	PK
4		5541.360	101.926	63.129	N/A	N/A	38.797	PK
5		5725.000	55.002	56.837	-13.198	68.200	-1.836	PK
6	*	5725.200	55.569	57.519	-12.631	68.200	-1.950	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: SIP-AC3	Test Date: 2024-03-29
Limit: FCC_5G_RE(3m)	Engineer: Mero Zhou
Probe: HF907_102861_1-18GHz	Polarity: Vertical
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11ax-HE160 at 5570MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV/m)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV/m)	Factor (dB/m)	Type
1	*	5447.440	47.666	51.768	-6.334	54.000	-4.102	AV
2		5460.000	42.709	46.052	-11.291	54.000	-3.343	AV
3		5546.320	92.458	51.808	N/A	N/A	40.651	AV

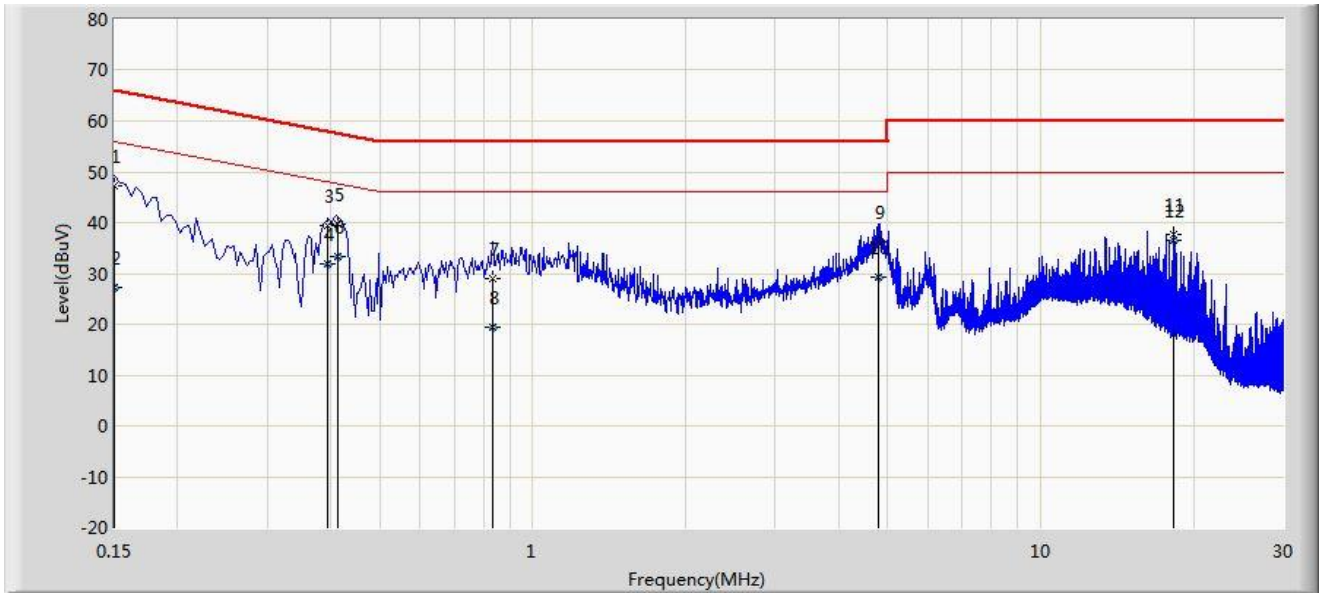
Note 1: " * ", means this data is the worst emission level.

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).

A.9 AC Conducted Emissions Test Result

Site: SIP-SR2	Test Date: 2024-05-31
Limit: FCC_Part15.207_CE_AC Power	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_E	Polarity: Line
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



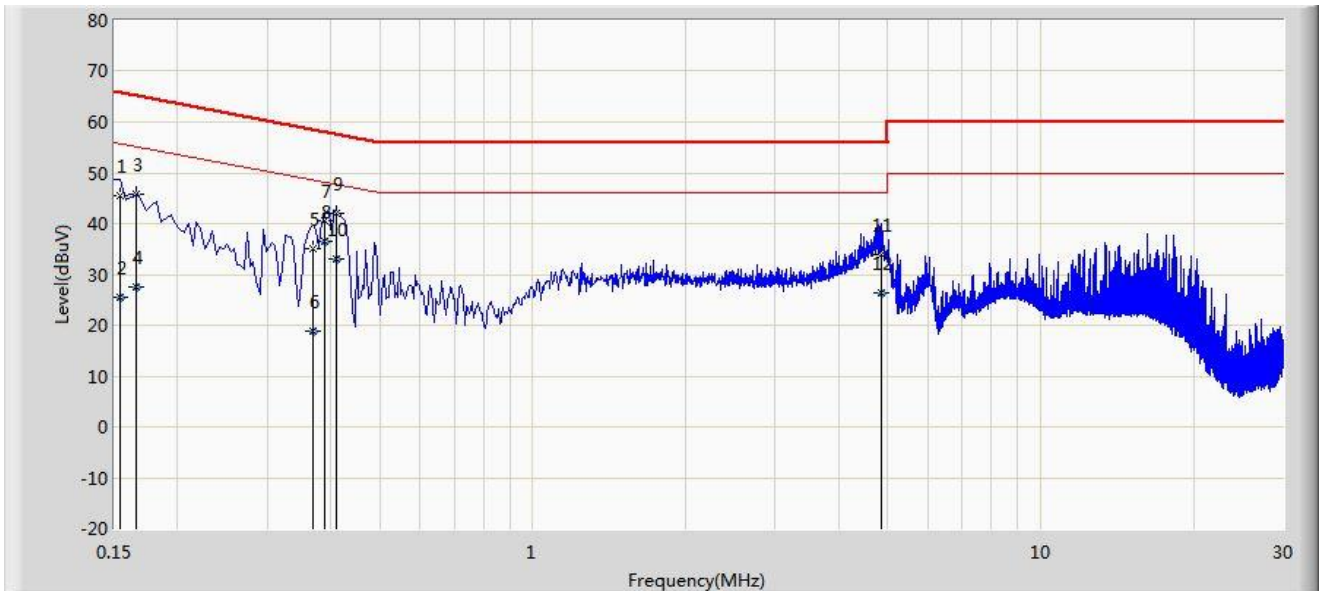
No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.150	47.381	37.625	-18.619	66.000	9.756	QP
2		0.150	27.295	17.539	-28.705	56.000	9.756	AV
3		0.394	39.309	29.489	-18.670	57.979	9.820	QP
4		0.394	31.869	22.049	-16.110	47.979	9.820	AV
5		0.414	39.797	29.976	-17.770	57.568	9.822	QP
6		0.414	33.219	23.397	-14.349	47.568	9.822	AV
7		0.834	29.014	19.169	-26.986	56.000	9.845	QP
8		0.834	19.467	9.622	-26.533	46.000	9.845	AV
9		4.778	36.168	25.904	-19.832	56.000	10.264	QP
10		4.778	29.387	19.123	-16.613	46.000	10.264	AV
11		18.242	37.682	26.535	-22.318	60.000	11.147	QP
12	*	18.242	36.390	25.243	-13.610	50.000	11.147	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	Test Date: 2024-05-31
Limit: FCC_Part15.207_CE_AC Power	Engineer: Miron Ding
Probe: SIP-SR2-ENV216_101684_E	Polarity: Neutral
EUT: Keenetic Challenger SE	Power: AC 120V/60Hz
Test Mode: Transmit by 802.11a at 5180MHz	



No	Mark	Frequency (MHz)	Measure Level (dBμV)	Reading Level (dBμV)	Margin (dB)	Limit (dBμV)	Factor (dB)	Type
1		0.154	45.597	35.883	-20.185	65.781	9.713	QP
2		0.154	25.516	15.802	-30.266	55.781	9.713	AV
3		0.166	45.730	36.014	-19.428	65.158	9.715	QP
4		0.166	27.482	17.767	-27.676	55.158	9.715	AV
5		0.370	35.036	25.232	-23.465	58.501	9.804	QP
6		0.370	18.943	9.140	-29.558	48.501	9.804	AV
7		0.390	40.638	30.828	-17.425	58.064	9.810	QP
8	*	0.390	36.464	26.654	-11.599	48.064	9.810	AV
9		0.410	41.907	32.097	-15.742	57.648	9.810	QP
10		0.410	33.120	23.310	-14.528	47.648	9.810	AV
11		4.870	33.961	23.691	-22.039	56.000	10.270	QP
12		4.870	26.243	15.972	-19.757	46.000	10.270	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 “2403RSU044-UT” file.

Appendix C – EUT Photograph

Refer to “2403RSU044-UE” file.

The End
