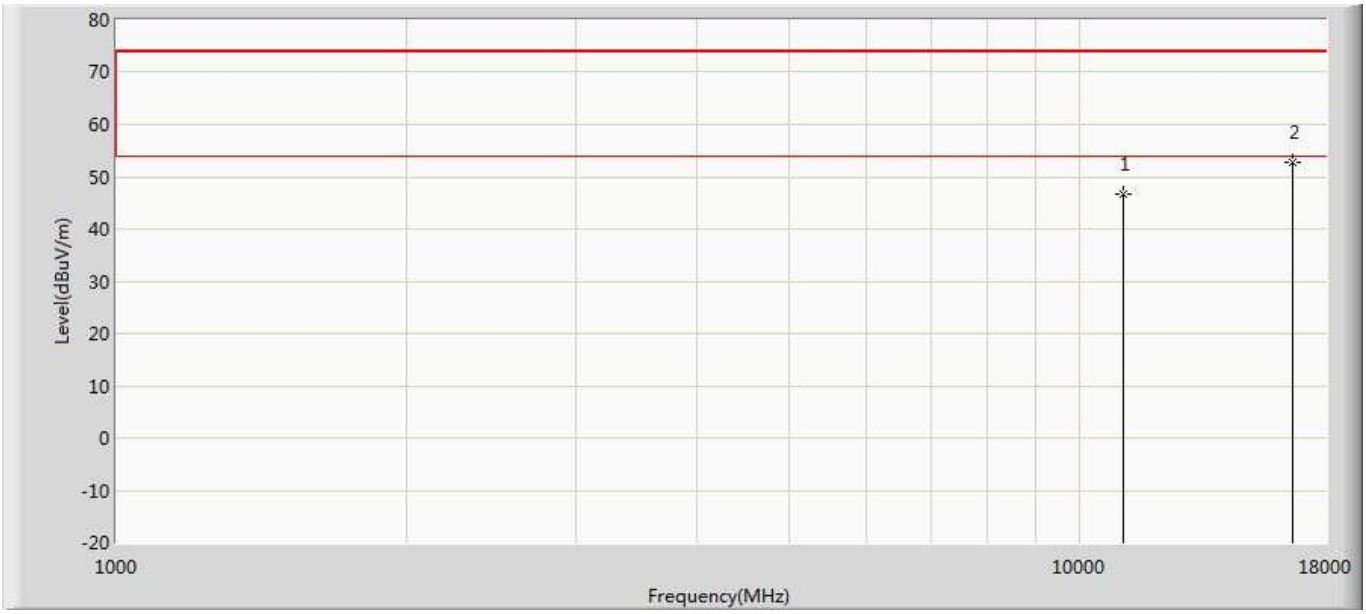
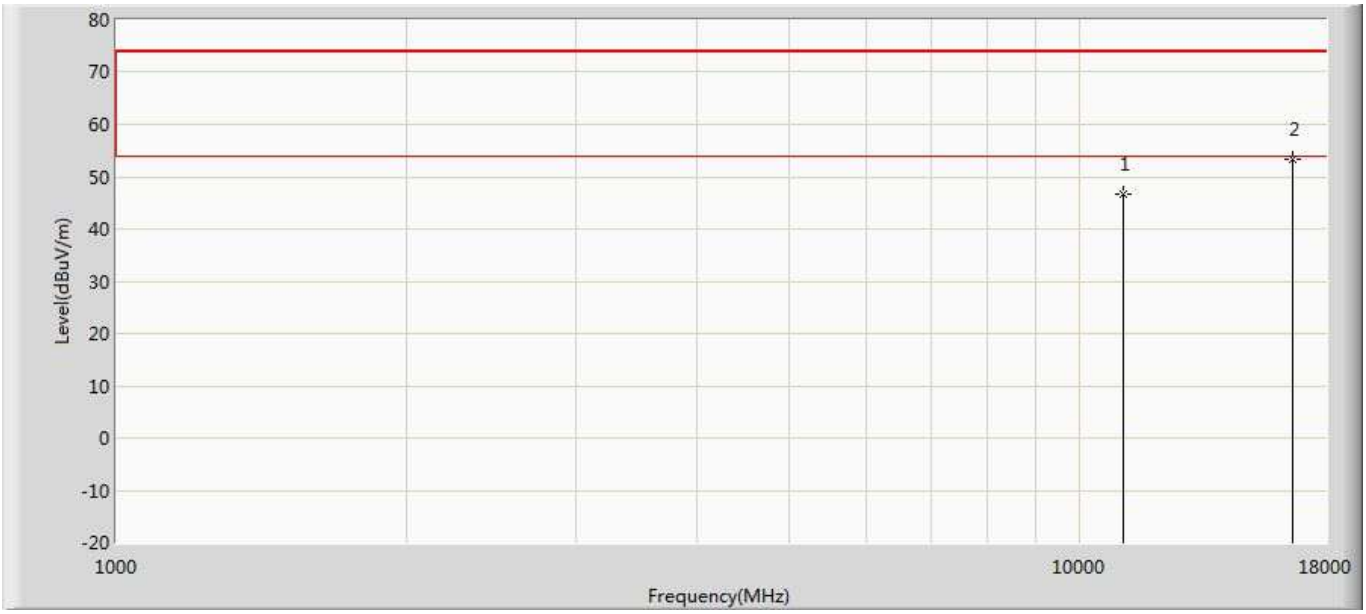
Profile: 17C2130R	Page No.: 365
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5550MHz by 802.11n40 Ant1+2	



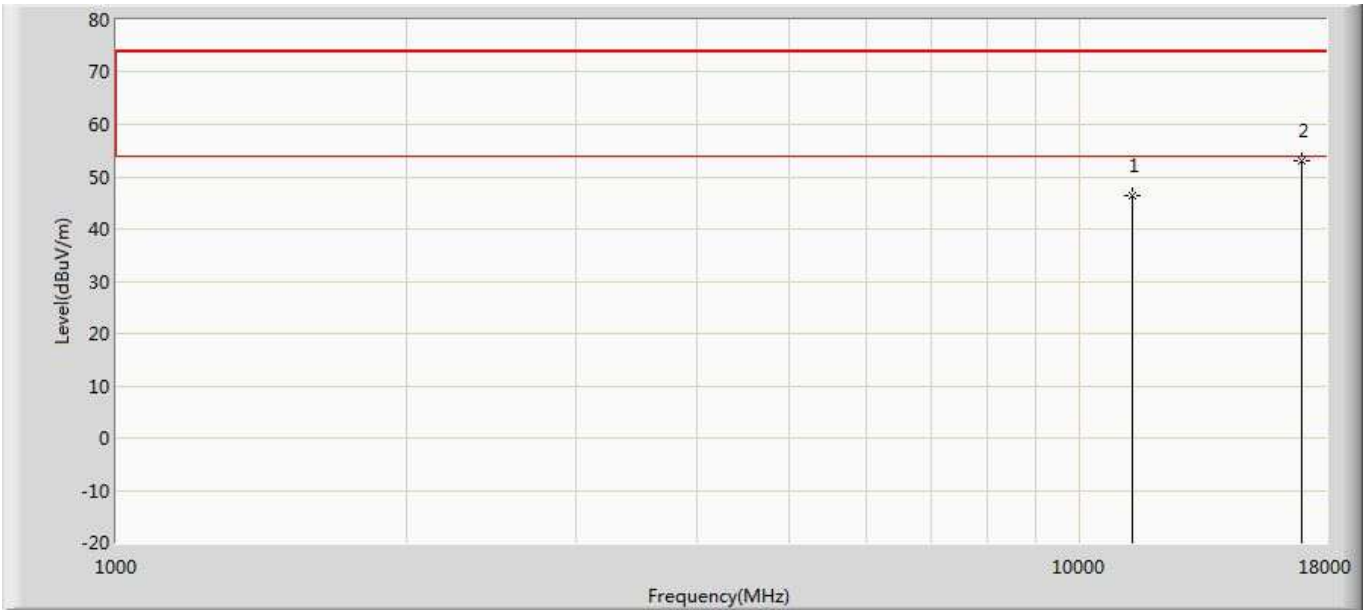
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.527	36.914	-27.473	74.000	9.613	PK
2	*	16650.000	52.724	34.377	-21.276	74.000	18.348	PK

Profile: 17C2130R	Page No.: 366
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5550MHz by 802.11n40 Ant1+2	



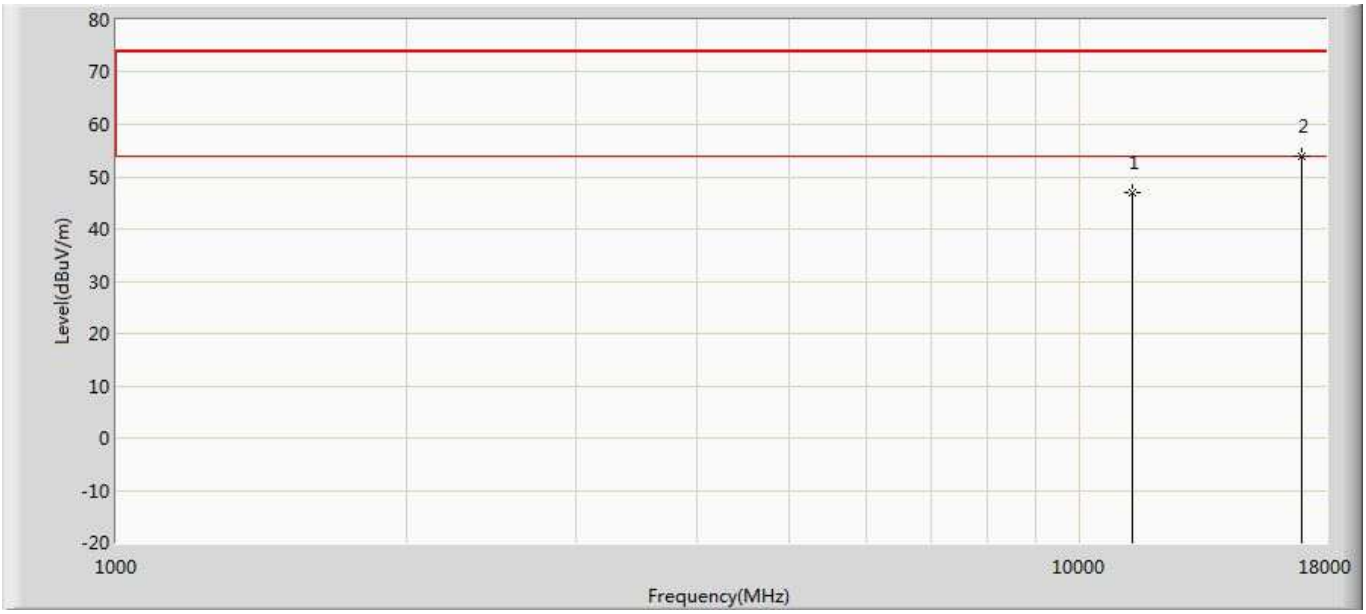
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.625	37.012	-27.375	74.000	9.613	PK
2	*	16650.000	53.236	34.889	-20.764	74.000	18.348	PK

Profile: 17C2130R	Page No.: 367
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5670MHz by 802.11n40 Ant1	



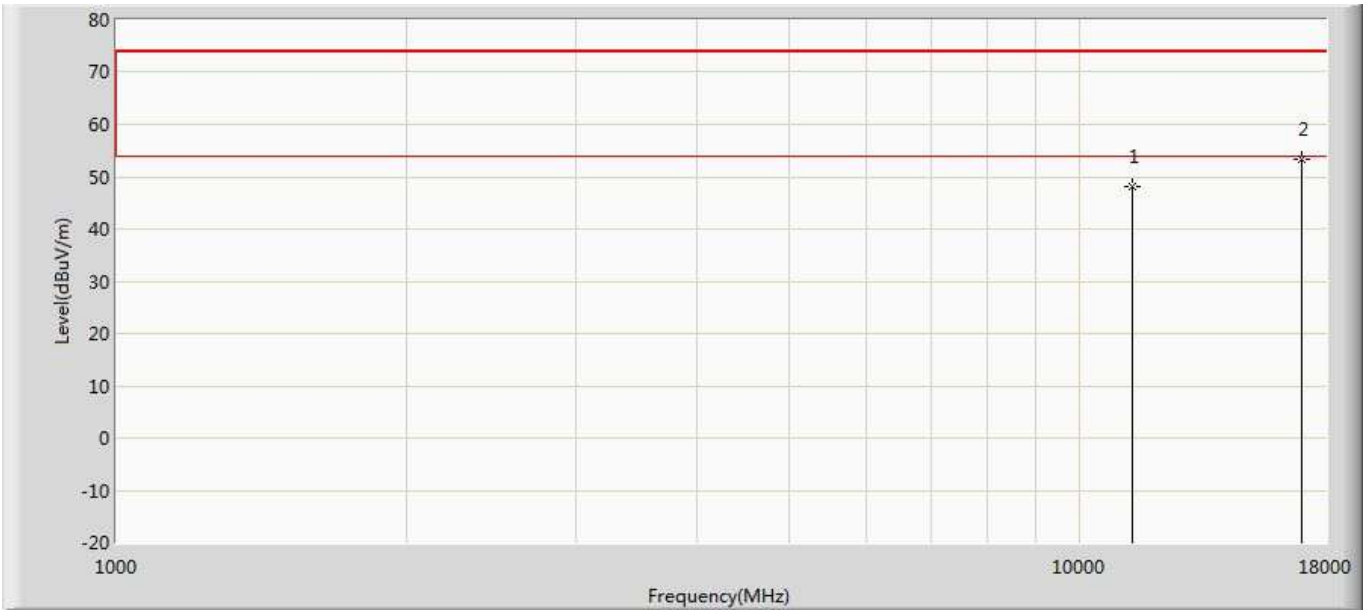
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	46.500	36.955	-27.500	74.000	9.544	PK
2	*	17010.000	53.155	34.818	-20.845	74.000	18.337	PK

Profile: 17C2130R	Page No.: 368
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5670MHz by 802.11n40 Ant1	



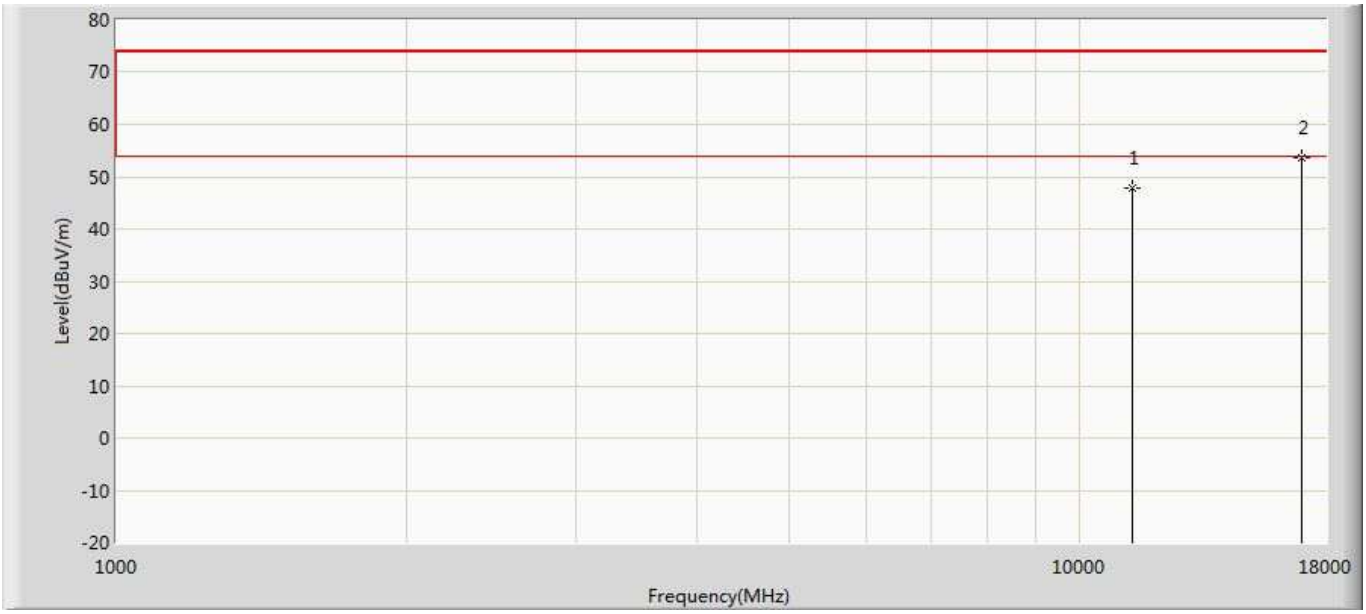
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	46.930	37.385	-27.070	74.000	9.544	PK
2	*	17010.000	53.785	35.448	-20.215	74.000	18.337	PK

Profile: 17C2130R	Page No.: 369
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5670MHz by 802.11n40 Ant2	



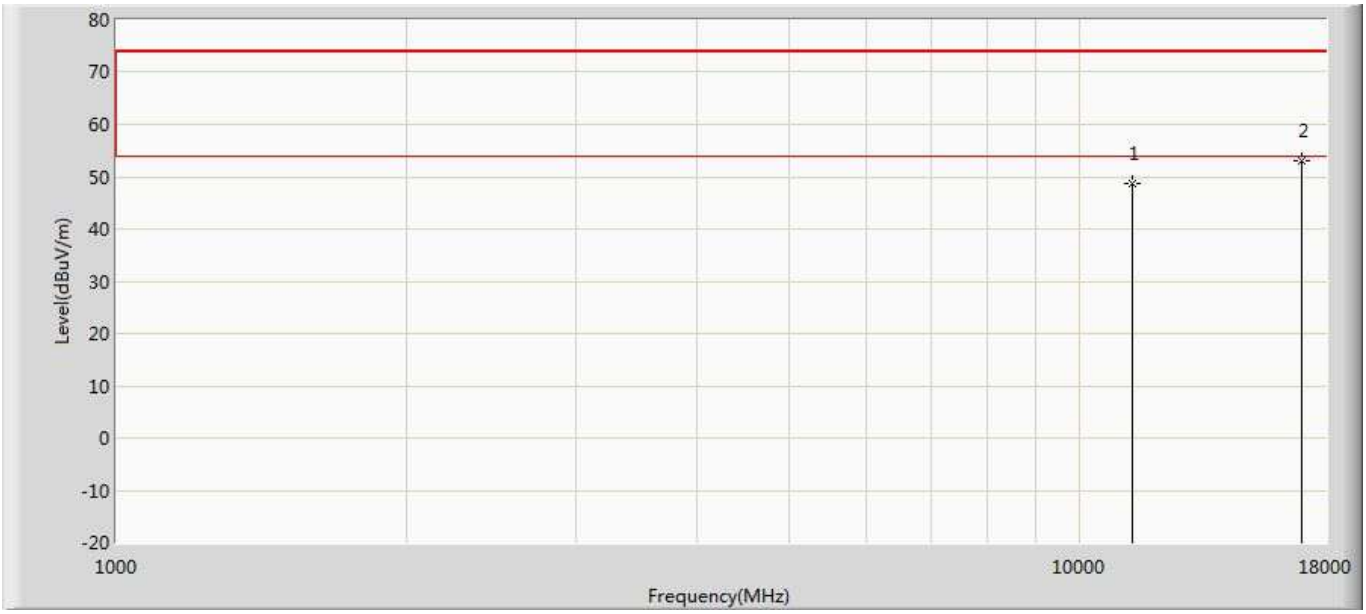
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	48.078	38.533	-25.922	74.000	9.544	PK
2	*	17010.000	53.324	34.987	-20.676	74.000	18.337	PK

Profile: 17C2130R	Page No.: 370
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5670MHz by 802.11n40 Ant2	



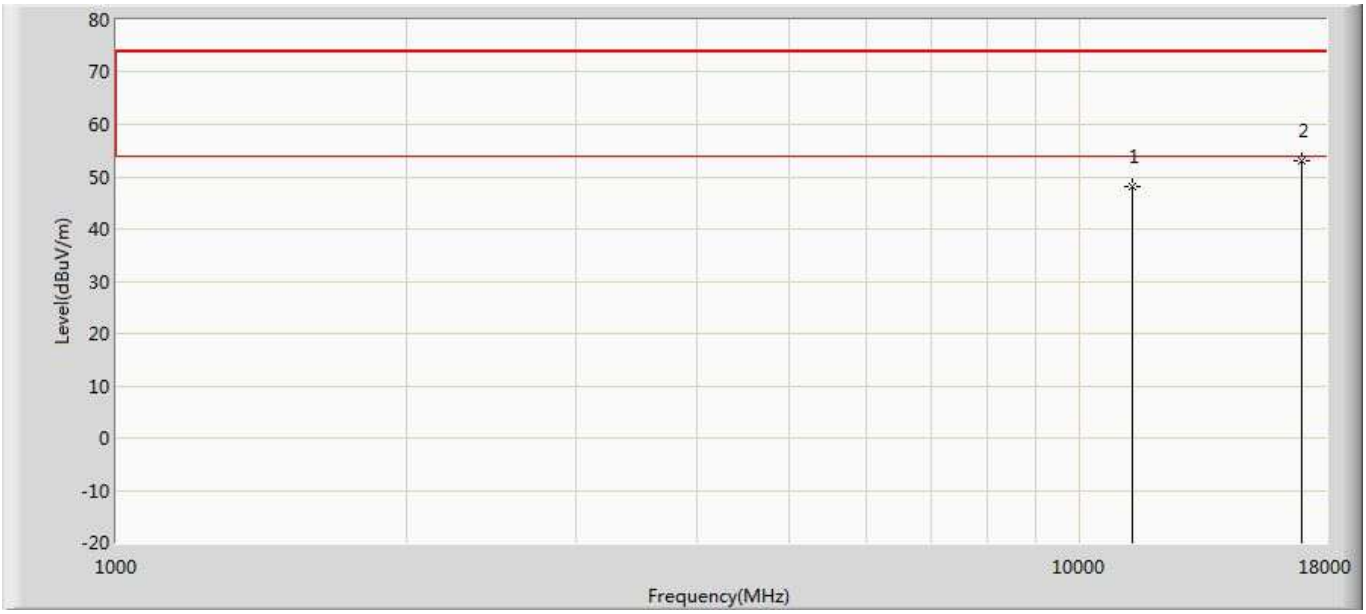
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	47.891	38.346	-26.109	74.000	9.544	PK
2	*	17010.000	53.558	35.221	-20.442	74.000	18.337	PK

Profile: 17C2130R	Page No.: 371
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5670MHz by 802.11n40 Ant1+2	



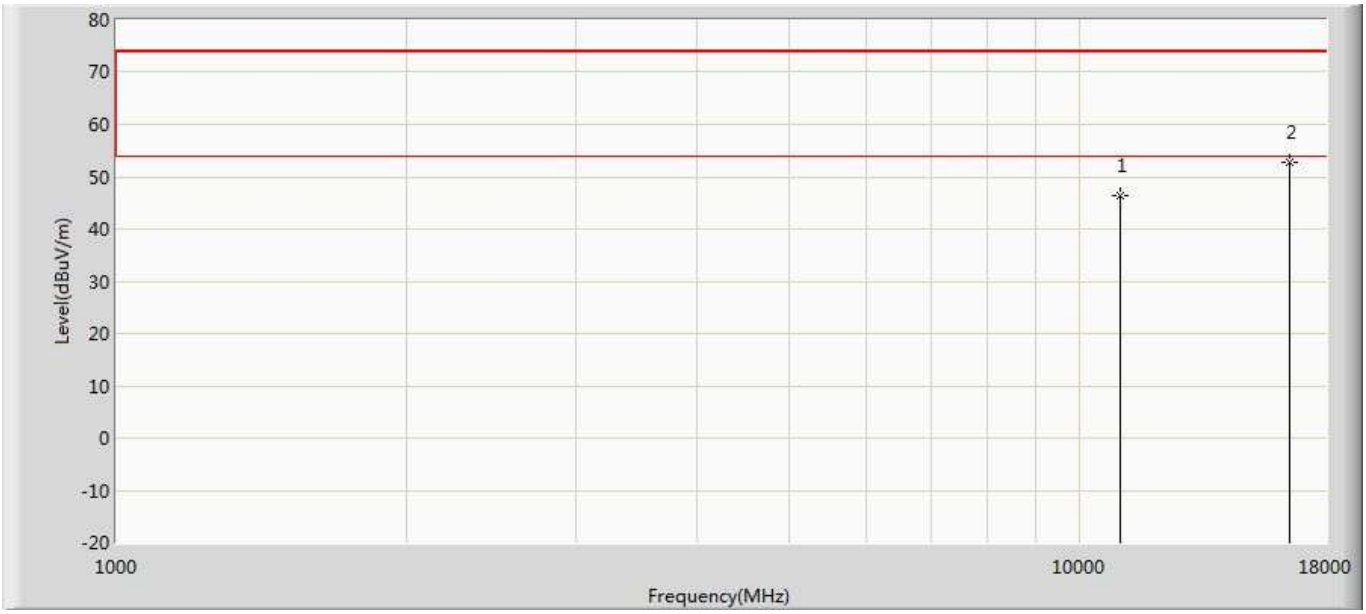
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	48.790	39.245	-25.210	74.000	9.544	PK
2	*	17010.000	53.081	34.744	-20.919	74.000	18.337	PK

Profile: 17C2130R	Page No.: 372
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5670MHz by 802.11n40 Ant1+2	



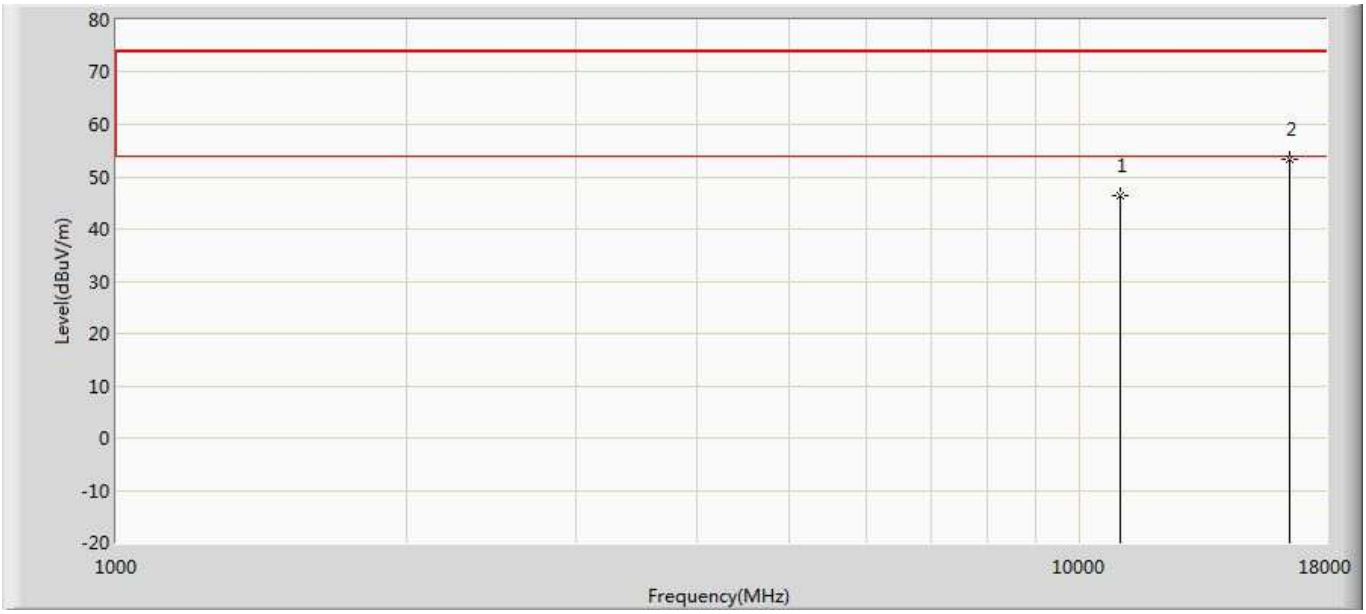
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	48.252	38.707	-25.748	74.000	9.544	PK
2	*	17010.000	53.135	34.798	-20.865	74.000	18.337	PK

Profile: 17C2130R	Page No.: 373
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40 Ant1	



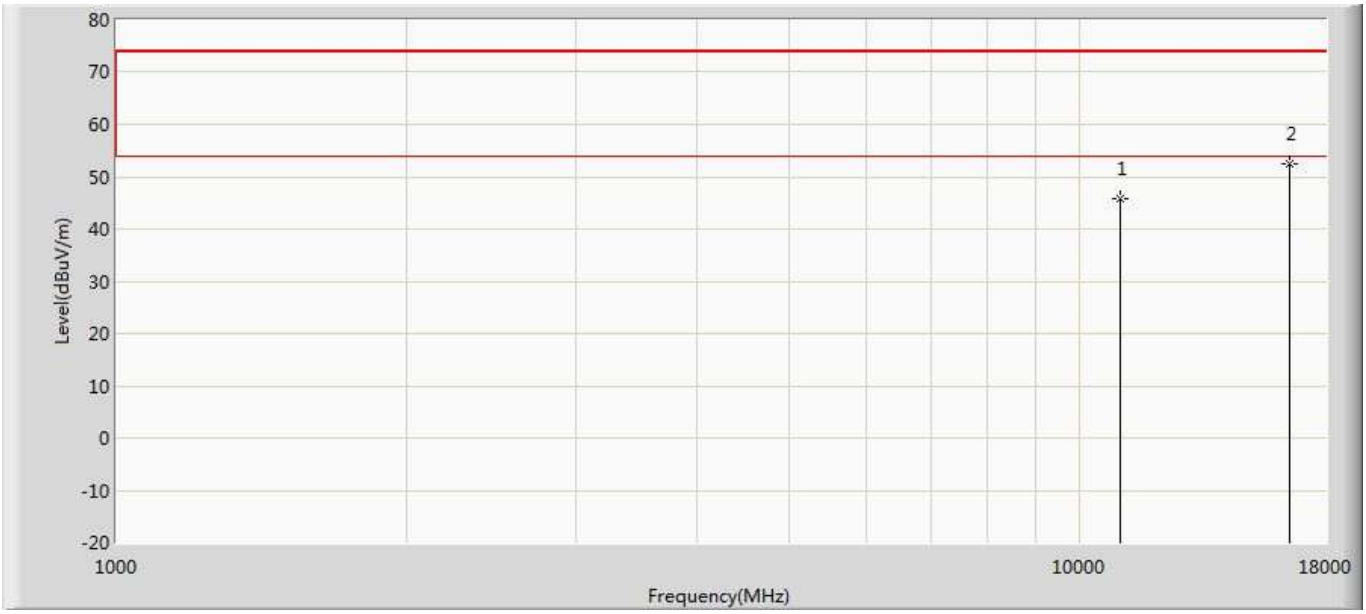
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	46.252	37.490	-27.748	74.000	8.762	PK
2	*	16530.000	52.853	35.129	-21.147	74.000	17.724	PK

Profile: 17C2130R	Page No.: 374
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40 Ant1	



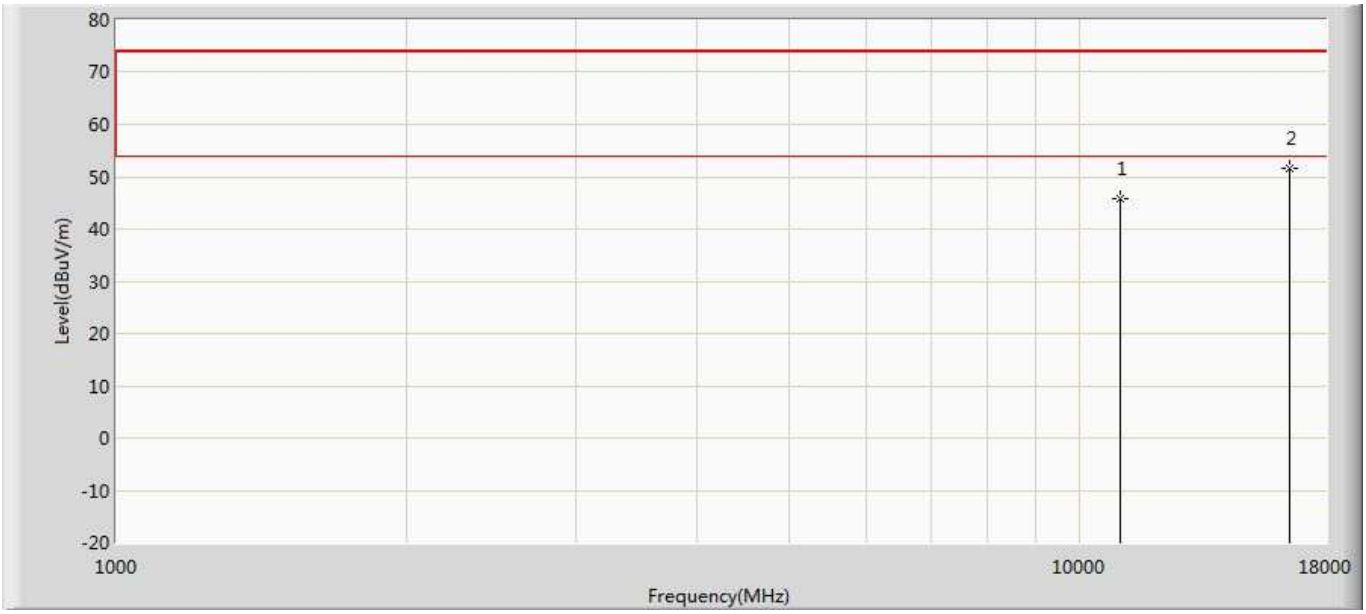
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	46.507	37.745	-27.493	74.000	8.762	PK
2	*	16530.000	53.259	35.535	-20.741	74.000	17.724	PK

Profile: 17C2130R	Page No.: 375
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40 Ant2	



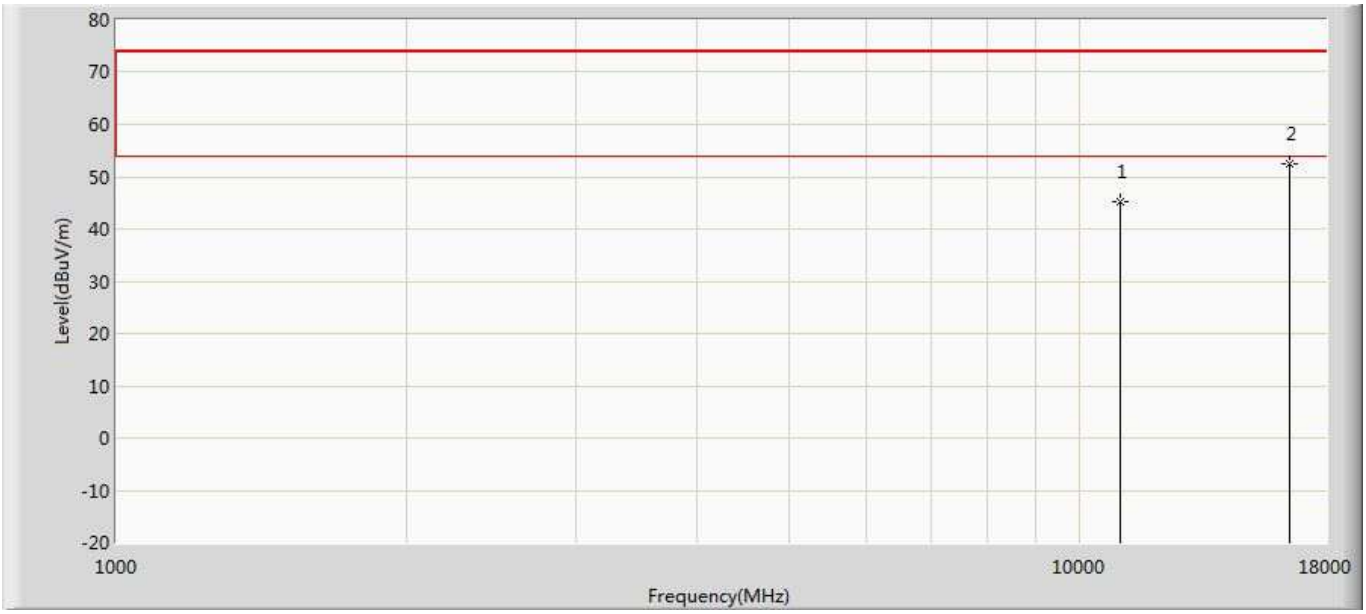
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.829	37.067	-28.171	74.000	8.762	PK
2	*	16530.000	52.595	34.871	-21.405	74.000	17.724	PK

Profile: 17C2130R	Page No.: 376
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40 Ant2	



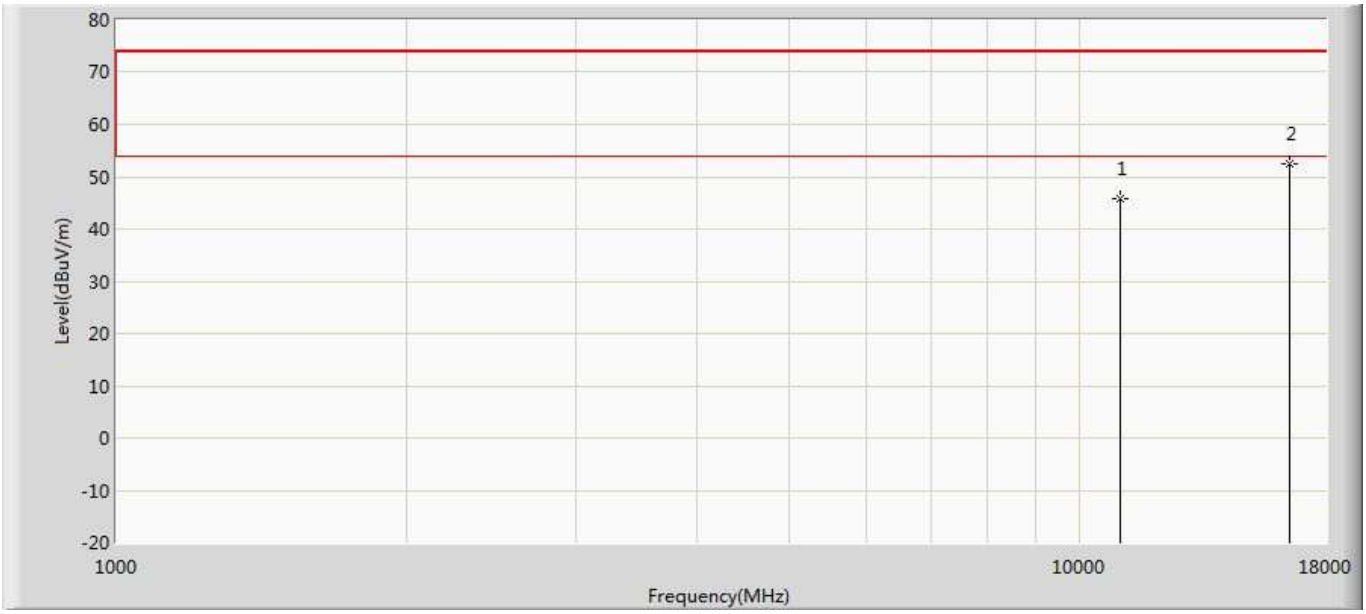
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.889	37.127	-28.111	74.000	8.762	PK
2	*	16530.000	51.589	33.865	-22.411	74.000	17.724	PK

Profile: 17C2130R	Page No.: 377
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40 Ant1+2	



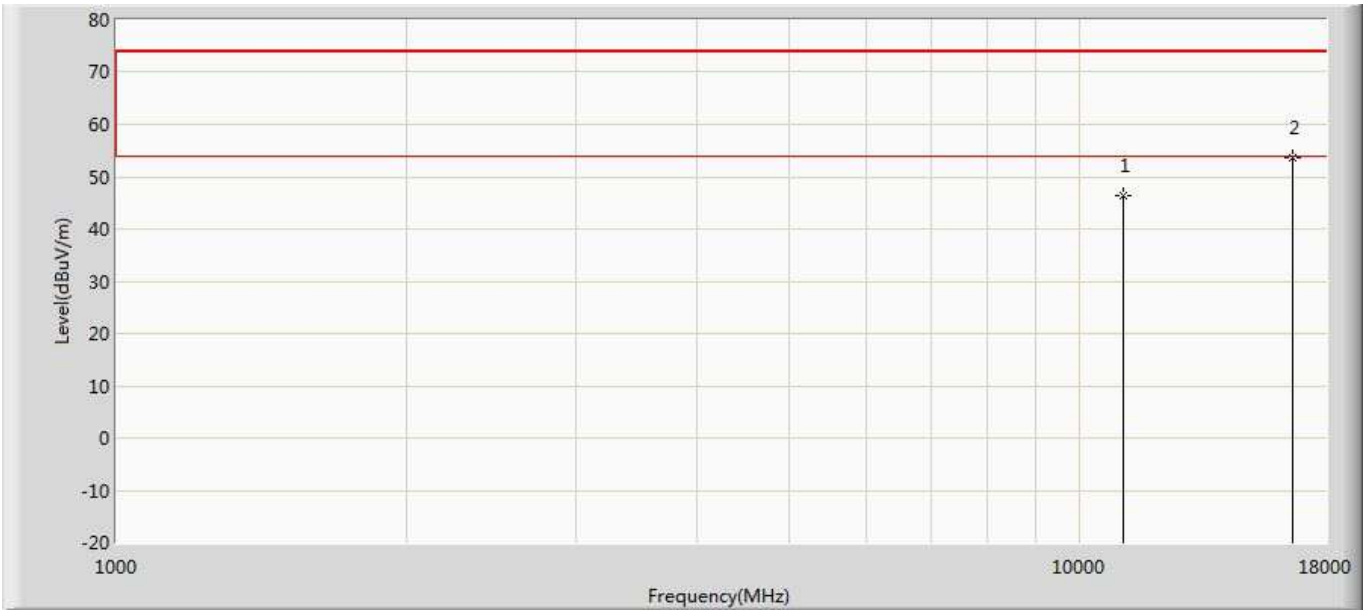
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.348	36.586	-28.652	74.000	8.762	PK
2	*	16530.000	52.506	34.782	-21.494	74.000	17.724	PK

Profile: 17C2130R	Page No.: 378
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40 Ant1+2	



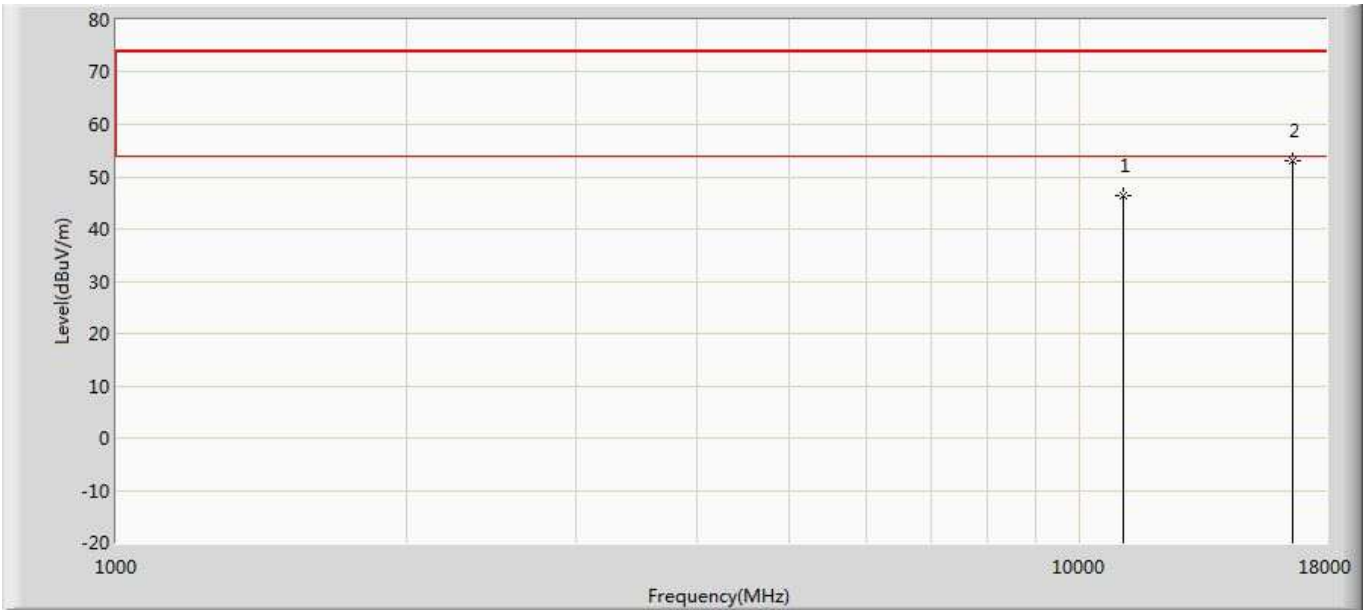
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.820	37.058	-28.180	74.000	8.762	PK
2	*	16530.000	52.564	34.840	-21.436	74.000	17.724	PK

Profile: 17C2130R	Page No.: 379
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5550MHz by 802.11ac40 Ant1	



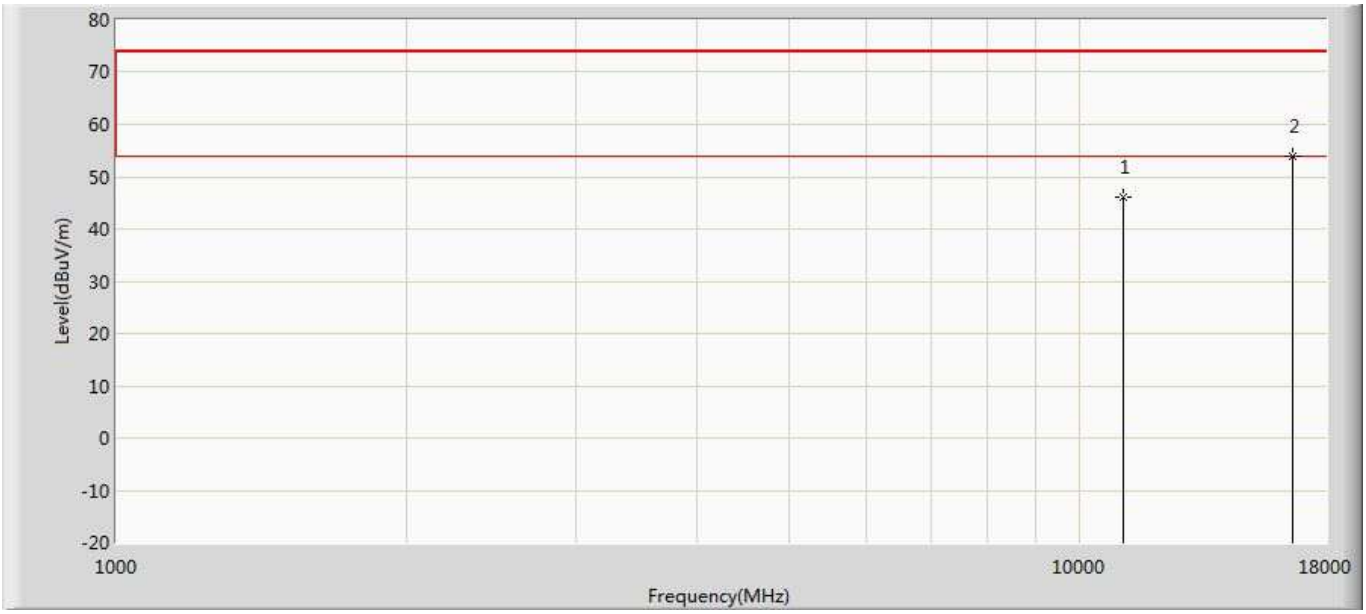
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.407	36.794	-27.593	74.000	9.613	PK
2	*	16650.000	53.541	35.194	-20.459	74.000	18.348	PK

Profile: 17C2130R	Page No.: 380
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5550MHz by 802.11ac40 Ant1	



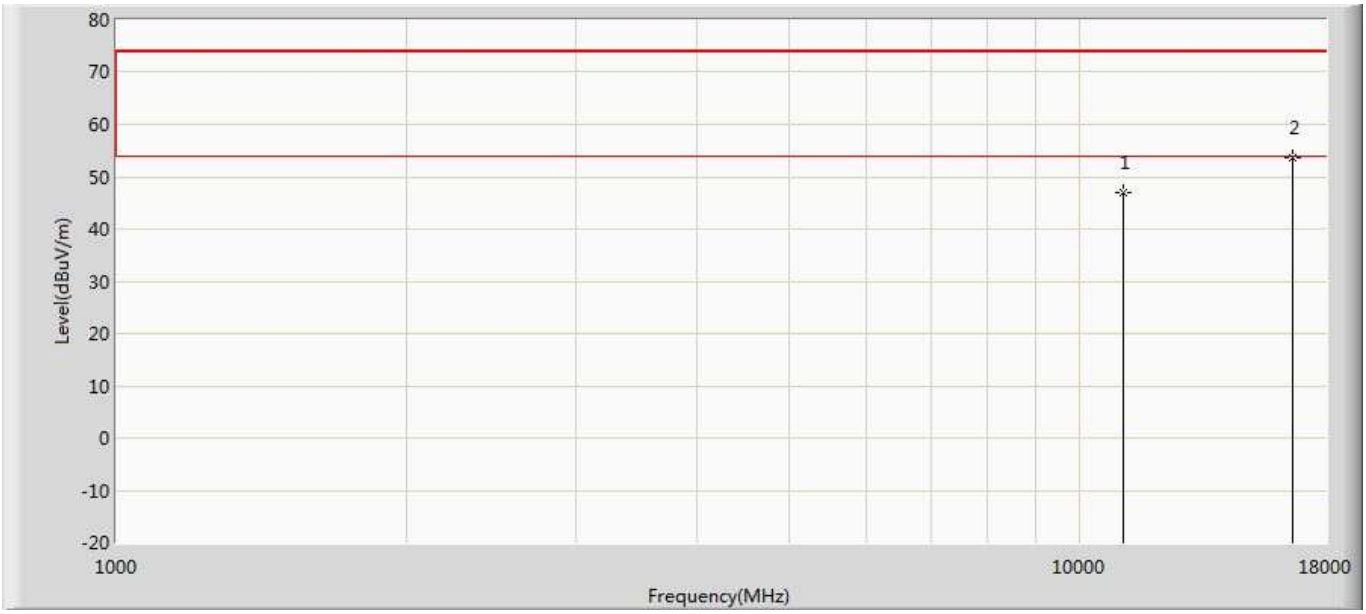
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.246	36.633	-27.754	74.000	9.613	PK
2	*	16650.000	52.982	34.635	-21.018	74.000	18.348	PK

Profile: 17C2130R	Page No.: 381
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5550MHz by 802.11ac40 Ant2	



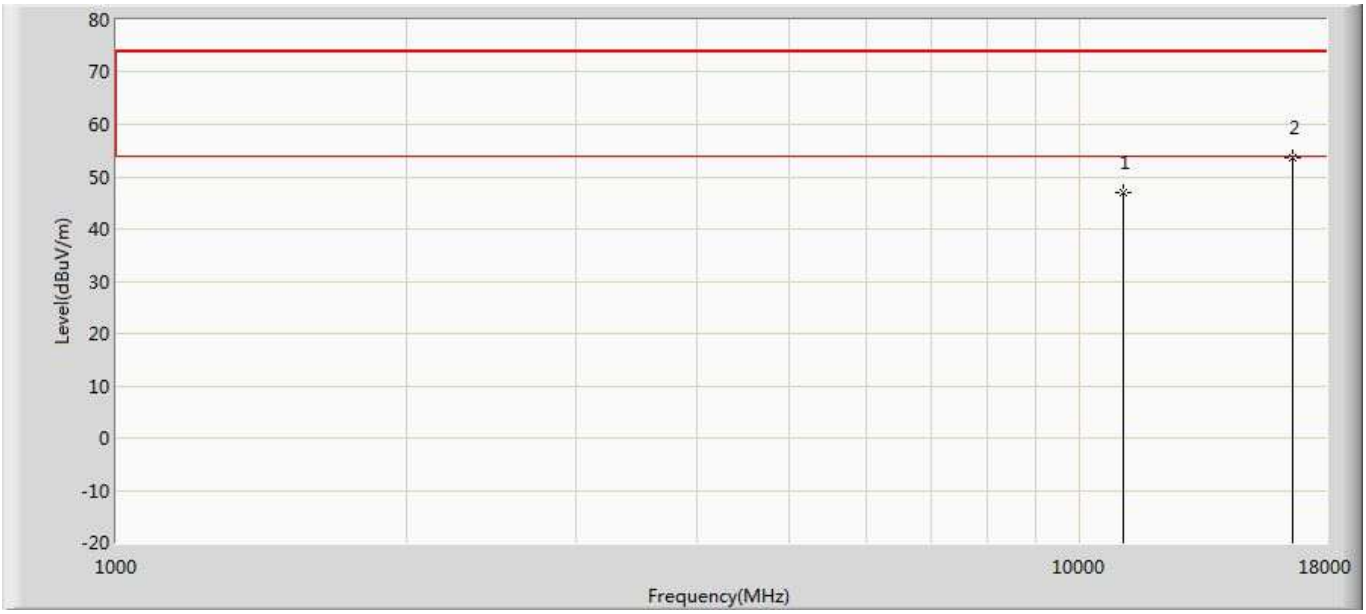
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.173	36.560	-27.827	74.000	9.613	PK
2	*	16650.000	53.820	35.473	-20.180	74.000	18.348	PK

Profile: 17C2130R	Page No.: 382
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5550MHz by 802.11ac40 Ant2	



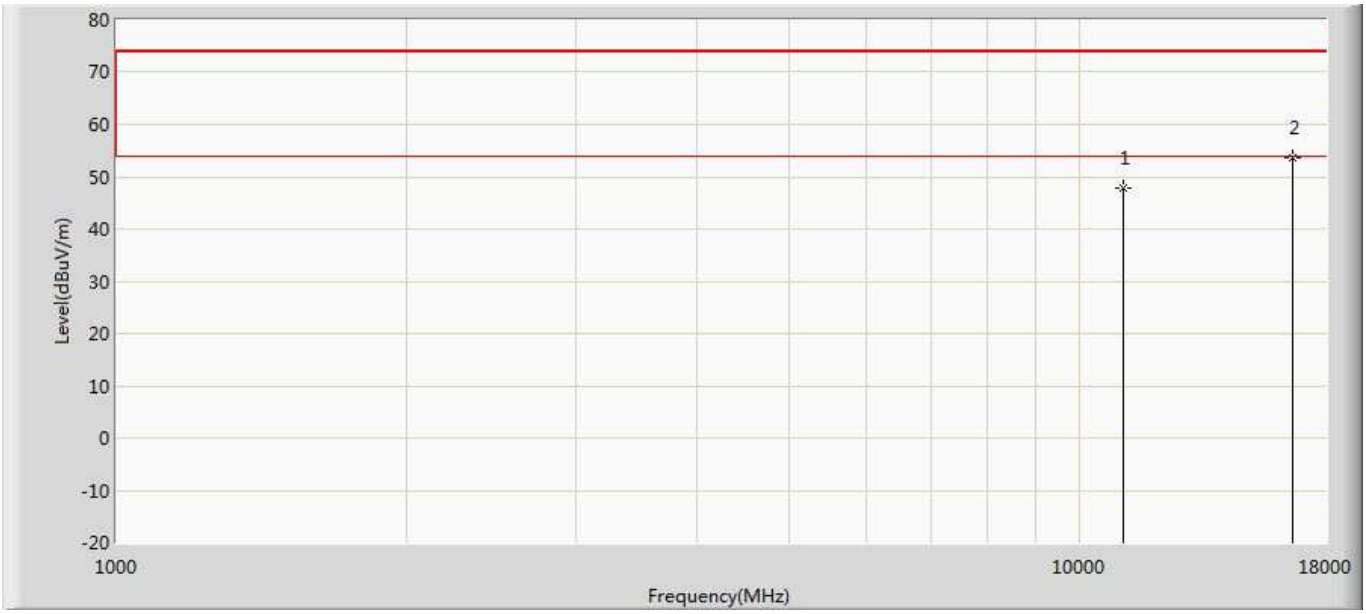
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.917	37.304	-27.083	74.000	9.613	PK
2	*	16650.000	53.573	35.226	-20.427	74.000	18.348	PK

Profile: 17C2130R	Page No.: 383
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5550MHz by 802.11ac40 Ant1+2	



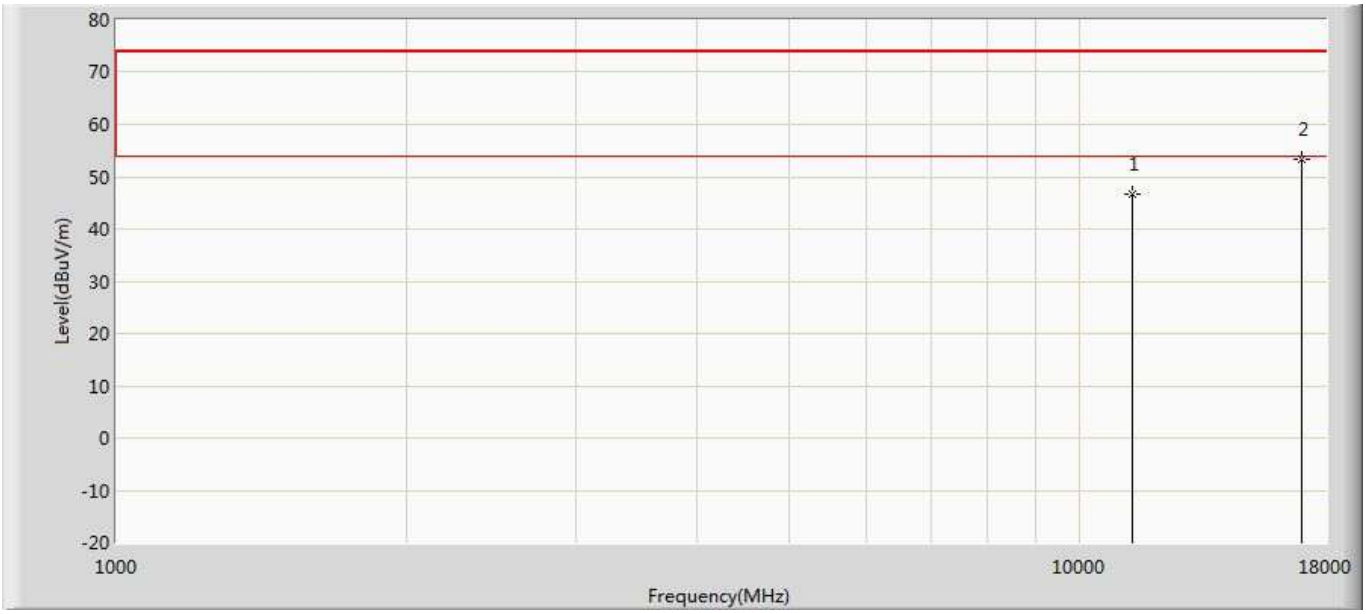
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.904	37.291	-27.096	74.000	9.613	PK
2	*	16650.000	53.479	35.132	-20.521	74.000	18.348	PK

Profile: 17C2130R	Page No.: 384
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5550MHz by 802.11ac40 Ant1+2	



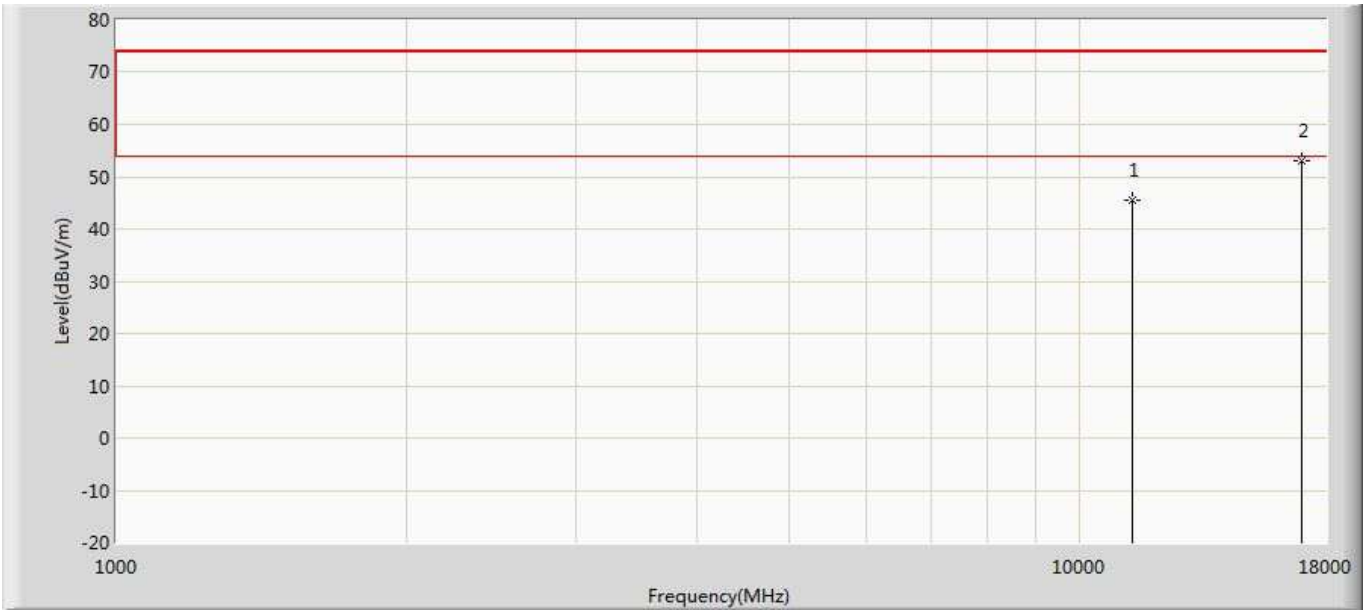
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	47.683	38.070	-26.317	74.000	9.613	PK
2	*	16650.000	53.585	35.238	-20.415	74.000	18.348	PK

Profile: 17C2130R	Page No.: 385
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5670MHz by 802.11ac40 Ant1	



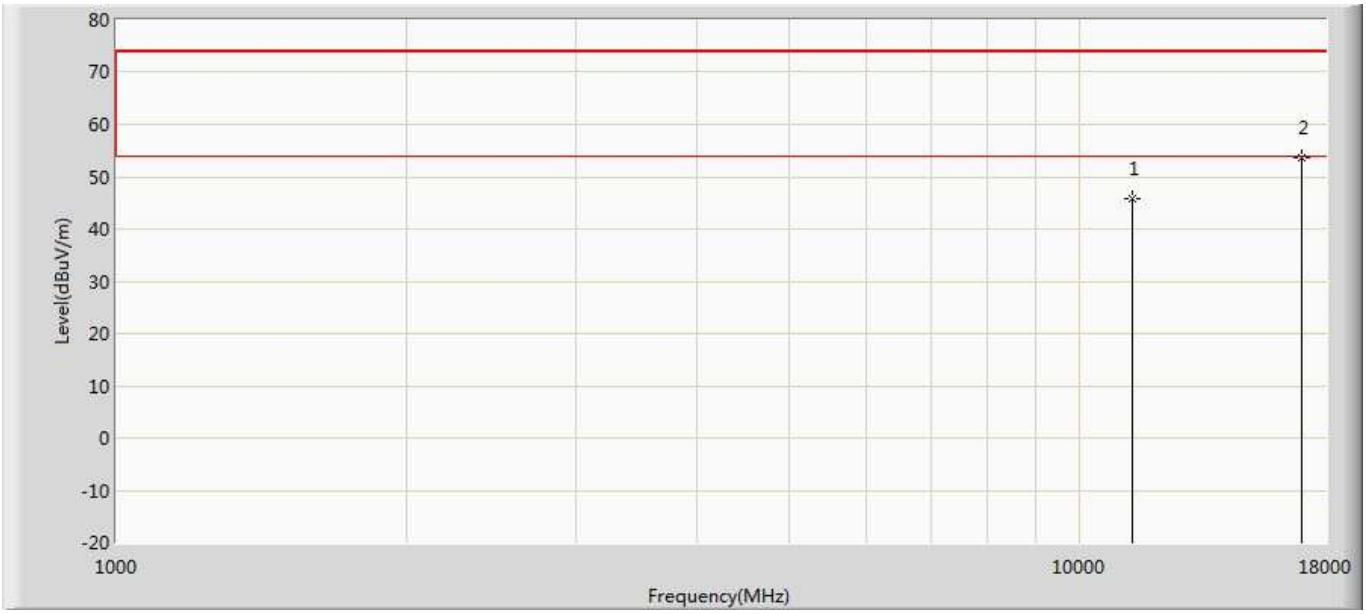
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	46.739	37.194	-27.261	74.000	9.544	PK
2	*	17010.000	53.348	35.011	-20.652	74.000	18.337	PK

Profile: 17C2130R	Page No.: 386
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5670MHz by 802.11ac40 Ant1	



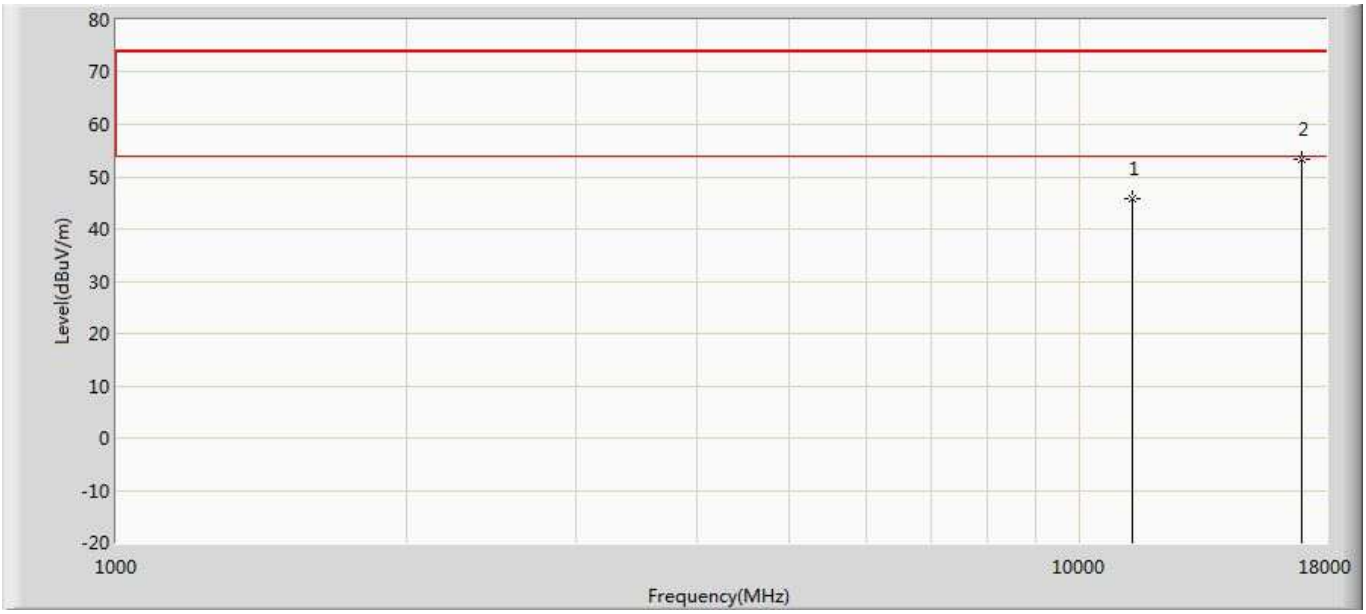
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.460	35.915	-28.540	74.000	9.544	PK
2	*	17010.000	52.901	34.564	-21.099	74.000	18.337	PK

Profile: 17C2130R	Page No.: 387
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5670MHz by 802.11ac40 Ant2	



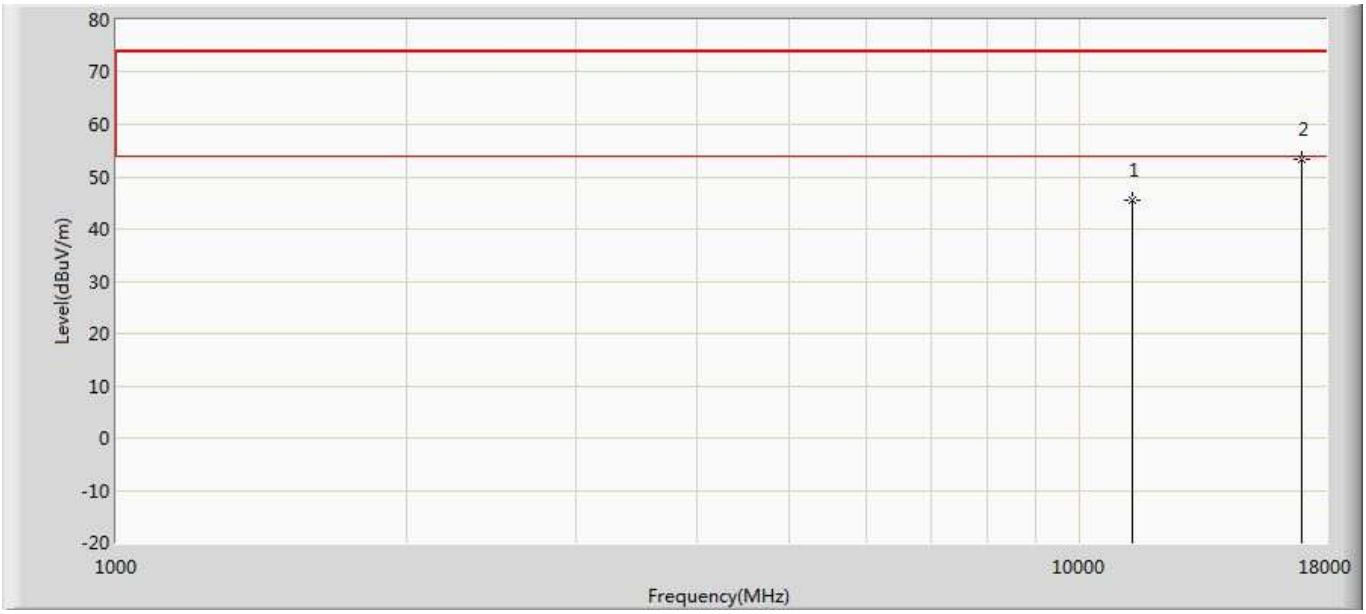
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.865	36.320	-28.135	74.000	9.544	PK
2	*	17010.000	53.485	35.148	-20.515	74.000	18.337	PK

Profile: 17C2130R	Page No.: 388
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5670MHz by 802.11ac40 Ant2	



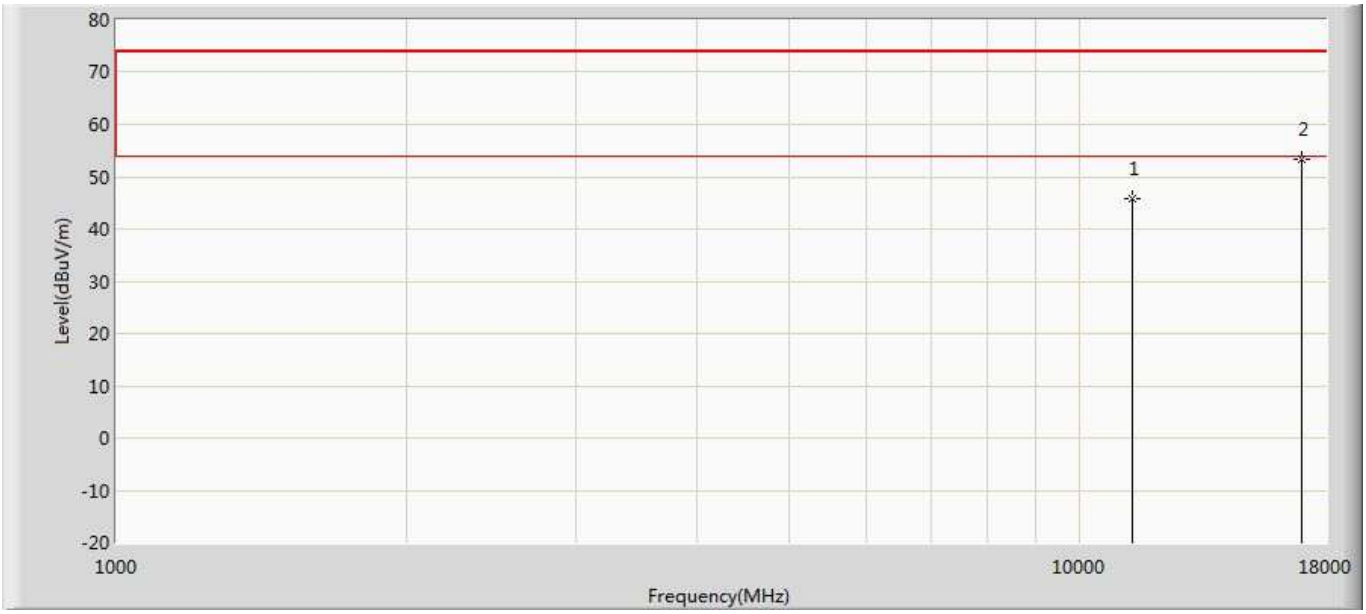
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.800	36.255	-28.200	74.000	9.544	PK
2	*	17010.000	53.216	34.879	-20.784	74.000	18.337	PK

Profile: 17C2130R	Page No.: 389
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5670MHz by 802.11ac40 Ant1+2	



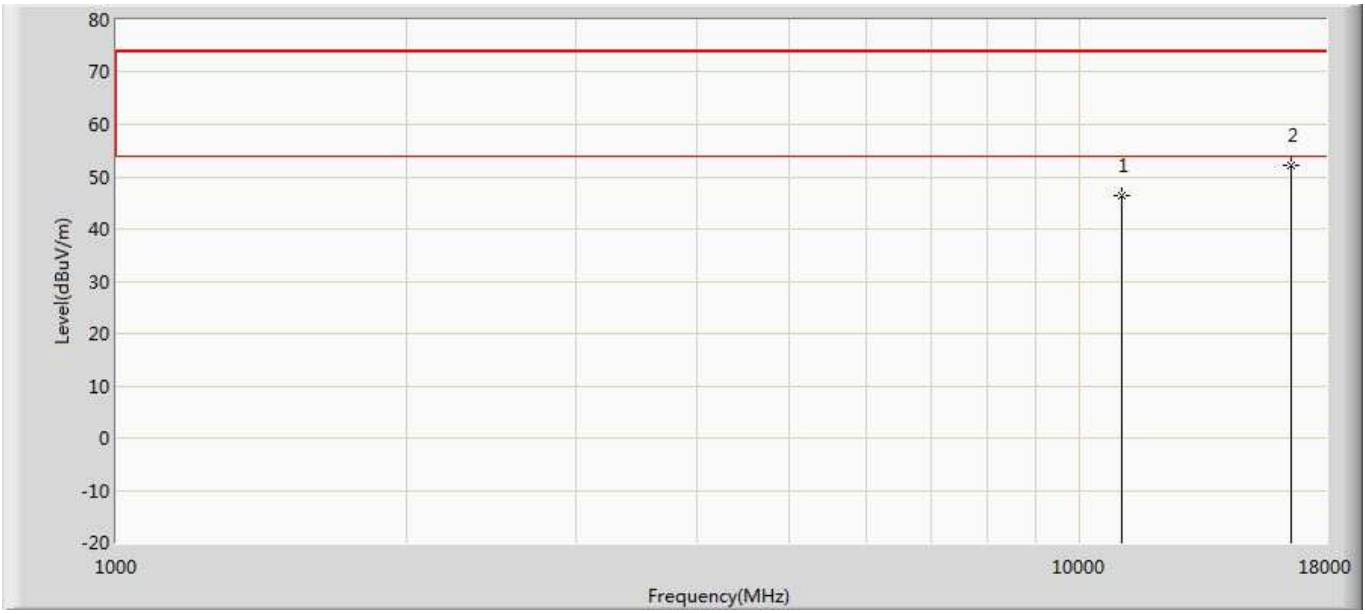
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.458	35.913	-28.542	74.000	9.544	PK
2	*	17010.000	53.321	34.984	-20.679	74.000	18.337	PK

Profile: 17C2130R	Page No.: 390
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5670MHz by 802.11ac40 Ant1+2	



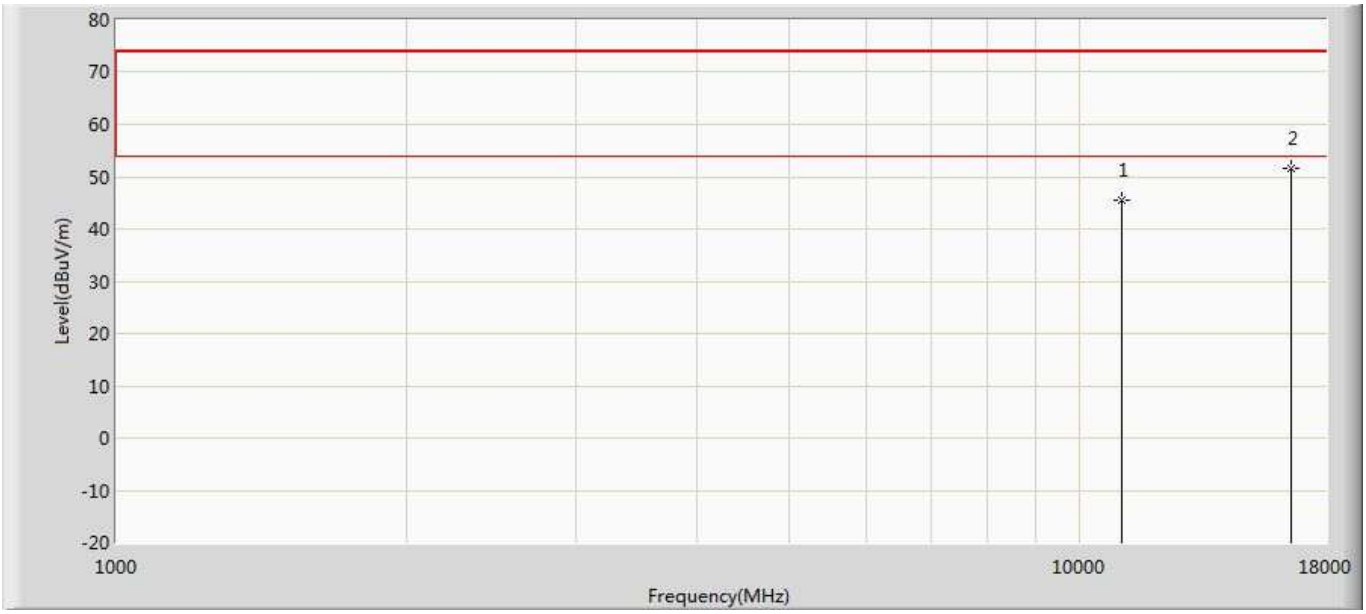
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.738	36.193	-28.262	74.000	9.544	PK
2	*	17010.000	53.377	35.040	-20.623	74.000	18.337	PK

Profile: 17C2130R	Page No.: 391
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac80 Ant1	



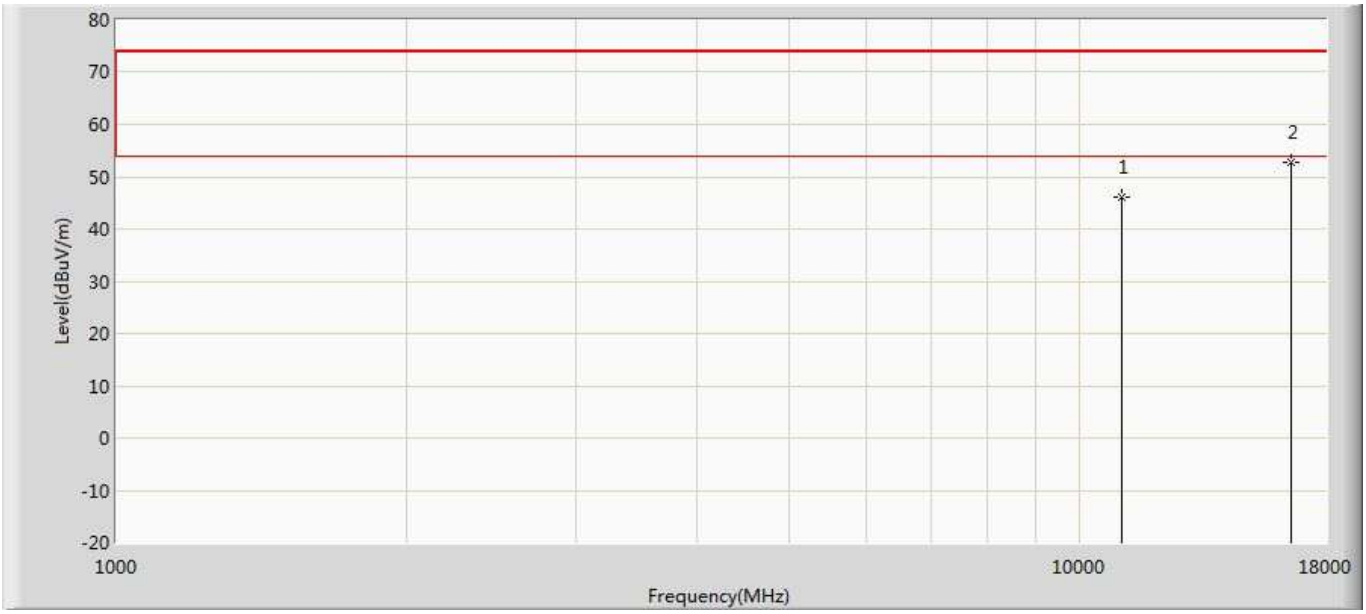
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	46.282	36.819	-27.718	74.000	9.463	PK
2	*	16590.000	52.219	34.612	-21.781	74.000	17.607	PK

Profile: 17C2130R	Page No.: 392
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac80 Ant1	



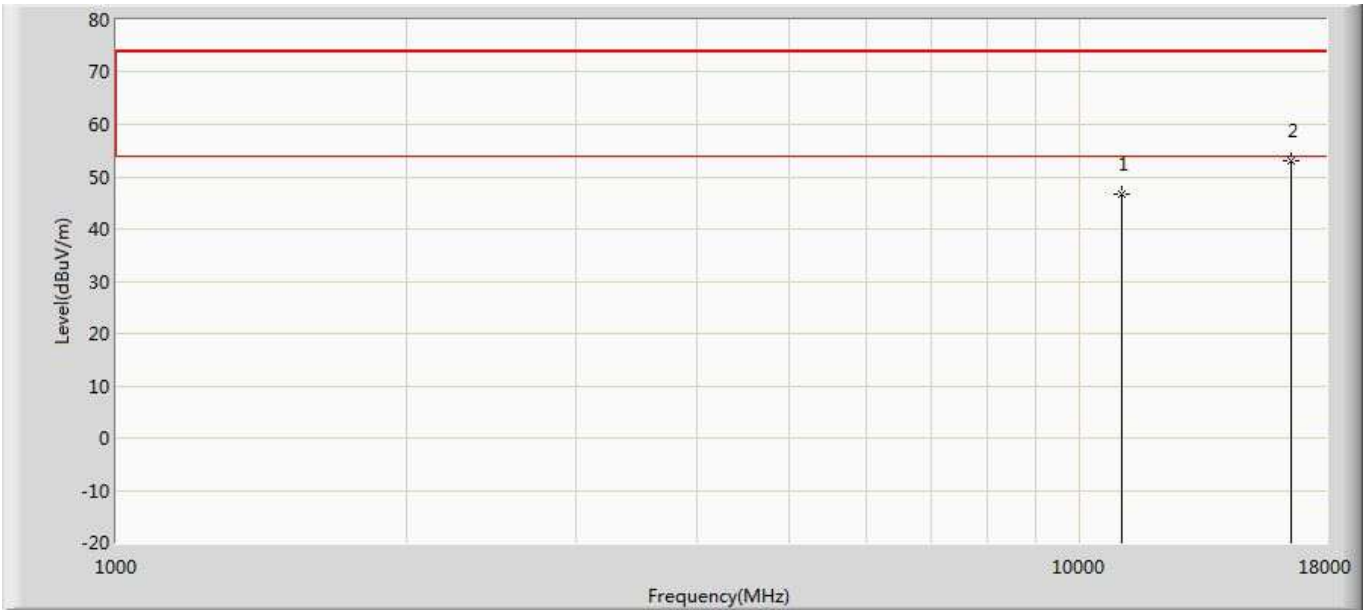
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	45.602	36.139	-28.398	74.000	9.463	PK
2	*	16590.000	51.688	34.081	-22.312	74.000	17.607	PK

Profile: 17C2130R	Page No.: 393
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac80 Ant2	



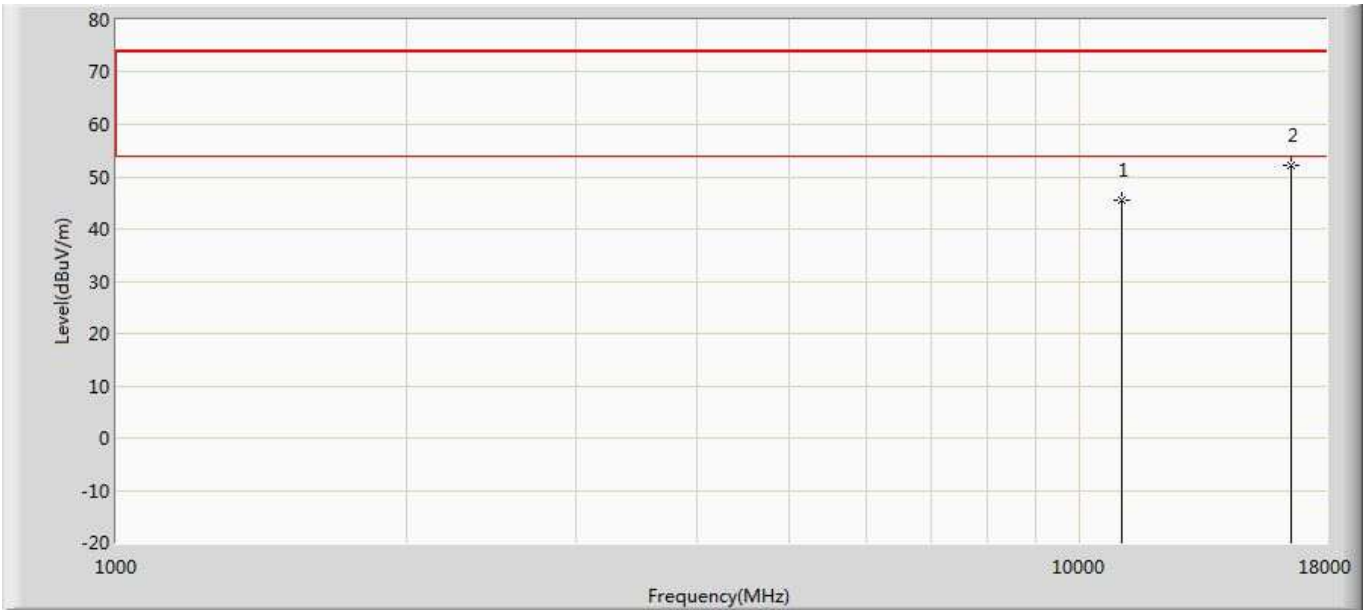
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	46.208	36.745	-27.792	74.000	9.463	PK
2	*	16590.000	52.862	35.255	-21.138	74.000	17.607	PK

Profile: 17C2130R	Page No.: 394
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac80 Ant2	



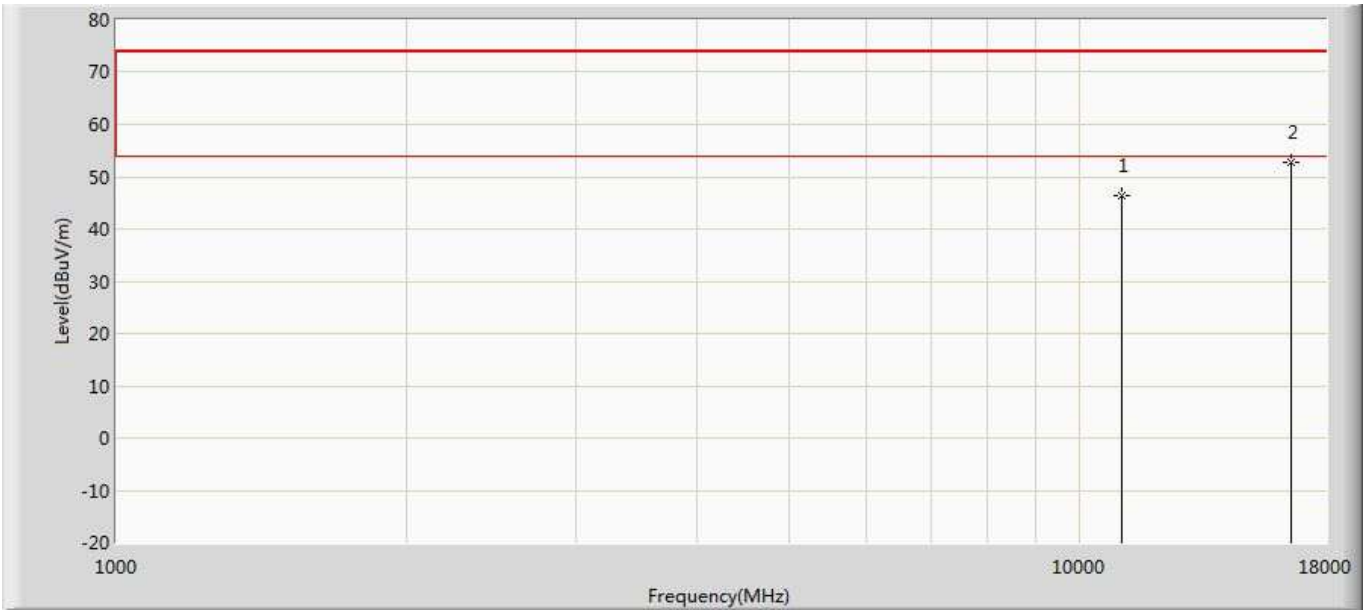
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	46.554	37.091	-27.446	74.000	9.463	PK
2	*	16590.000	53.020	35.413	-20.980	74.000	17.607	PK

Profile: 17C2130R	Page No.: 395
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac80 Ant1+2	



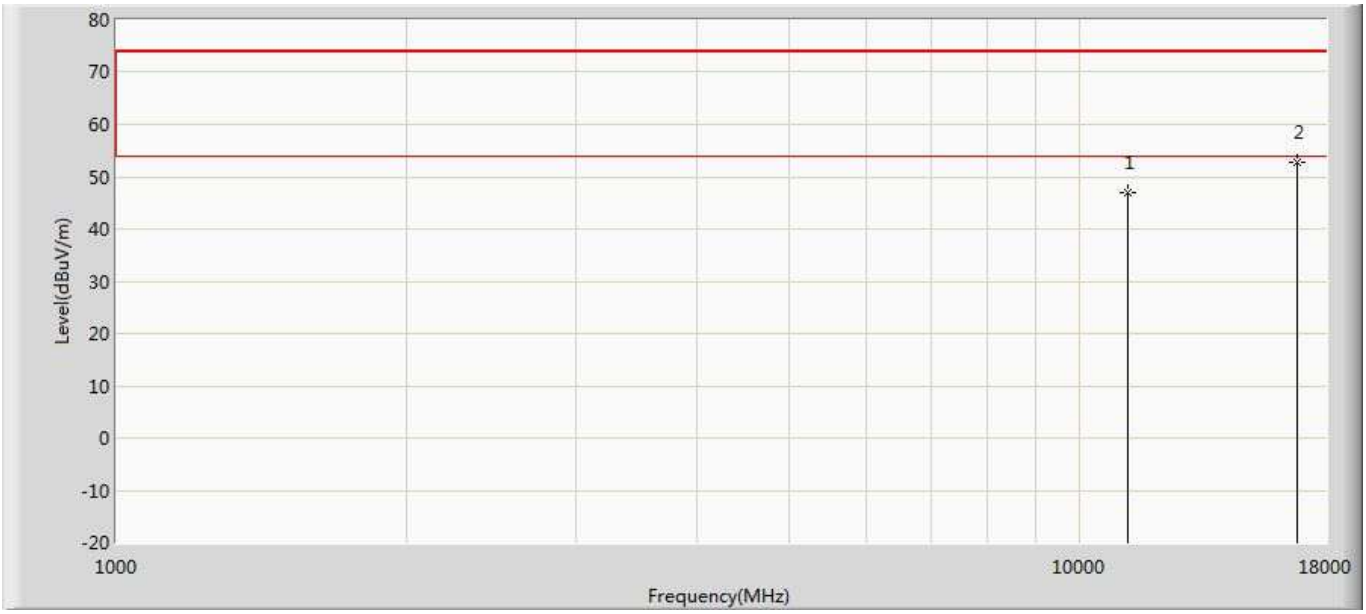
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	45.538	36.075	-28.462	74.000	9.463	PK
2	*	16590.000	52.212	34.605	-21.788	74.000	17.607	PK

Profile: 17C2130R	Page No.: 396
Engineer: Eric	
Site: AC5	Time: 2018/04/27 - 09:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5530MHz by 802.11ac80 Ant1+2	



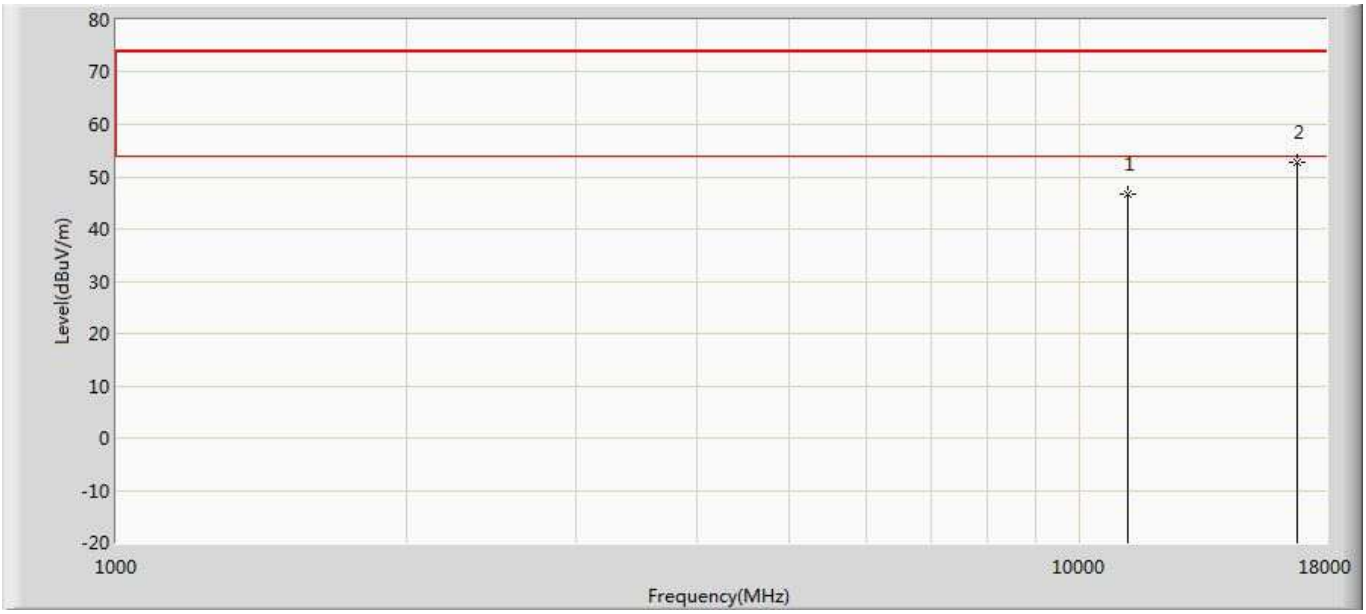
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	46.333	36.870	-27.667	74.000	9.463	PK
2	*	16590.000	52.668	35.061	-21.332	74.000	17.607	PK

Profile: 17C2130R	Page No.: 397
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5610MHz by 802.11ac80 Ant1	



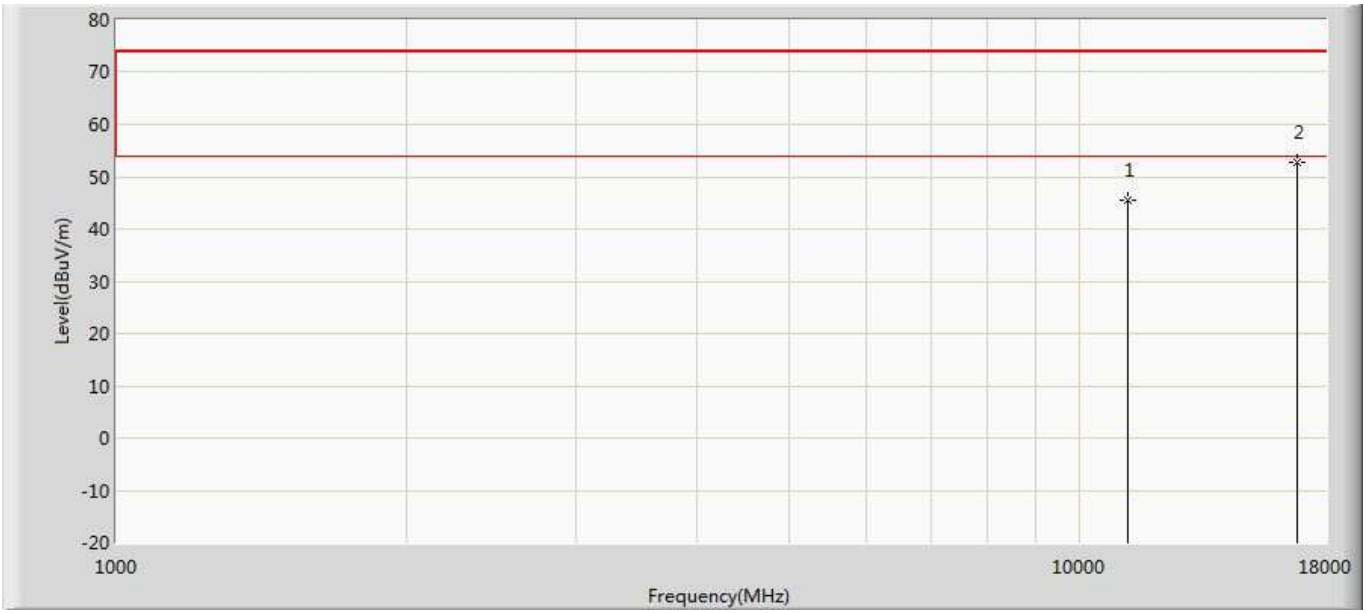
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	47.048	37.650	-26.952	74.000	9.398	PK
2	*	16830.000	52.782	35.770	-21.218	74.000	17.013	PK

Profile: 17C2130R	Page No.: 398
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5610MHz by 802.11ac80 Ant1	



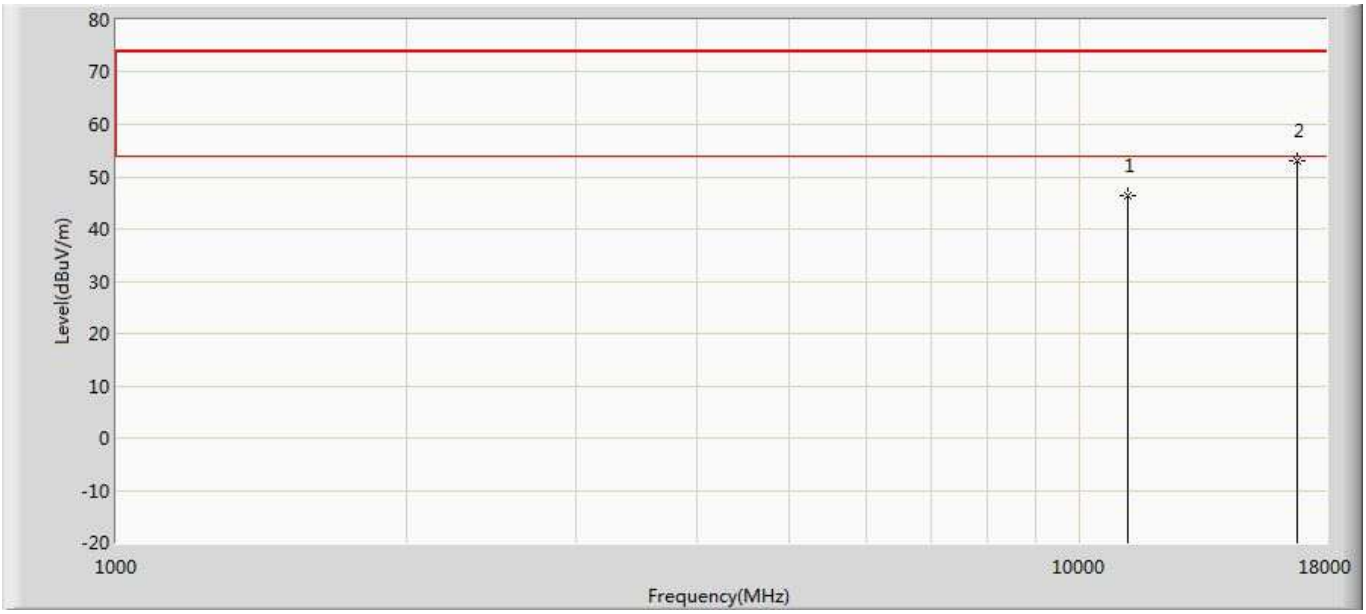
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	46.808	37.410	-27.192	74.000	9.398	PK
2	*	16830.000	52.702	35.690	-21.298	74.000	17.013	PK

Profile: 17C2130R	Page No.: 399
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5610MHz by 802.11ac80 Ant2	



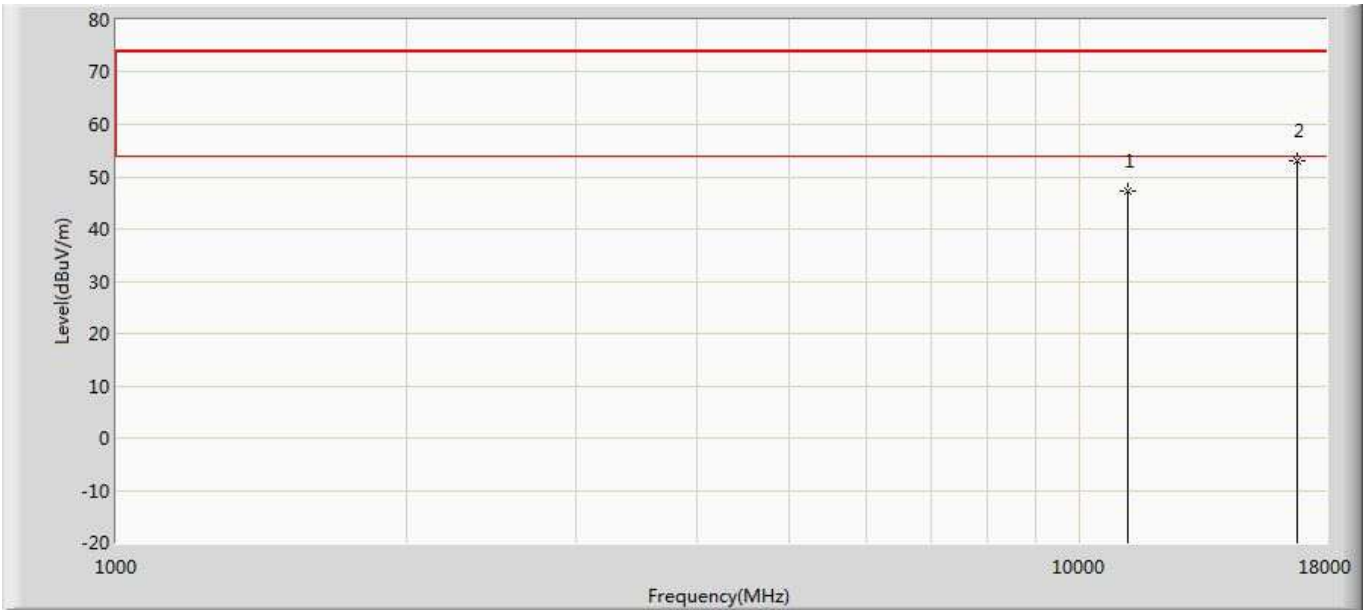
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	45.408	36.010	-28.592	74.000	9.398	PK
2	*	16830.000	52.832	35.820	-21.168	74.000	17.013	PK

Profile: 17C2130R	Page No.: 400
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5610MHz by 802.11ac80 Ant2	



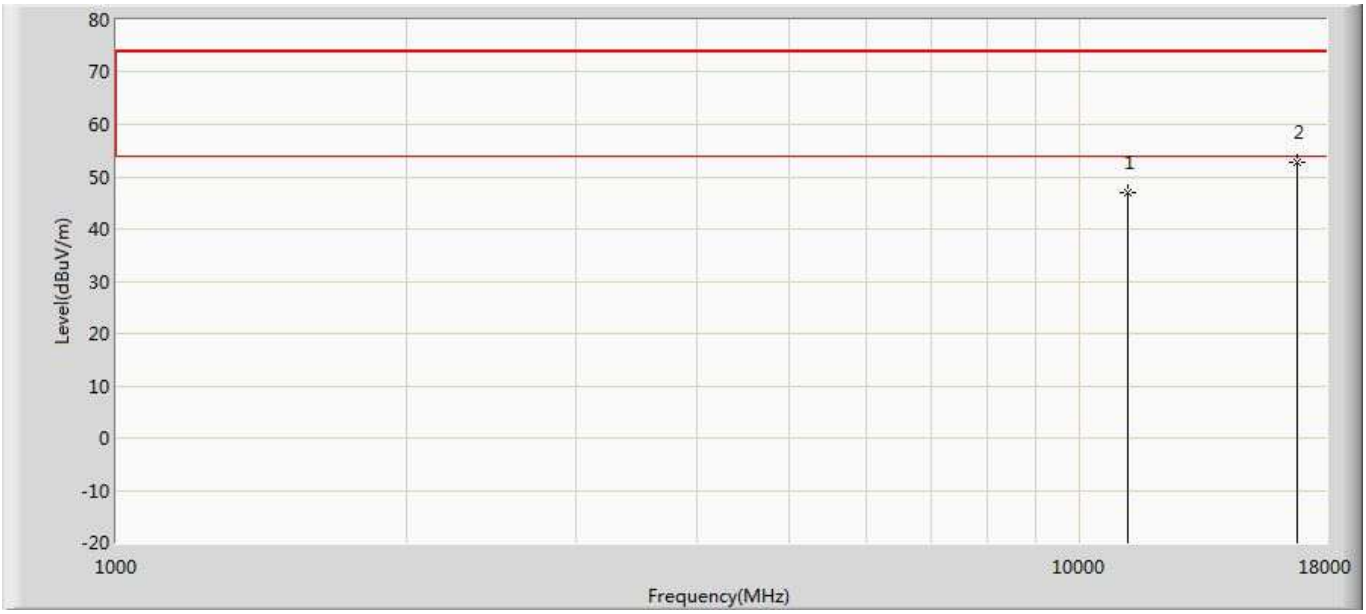
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	46.448	37.050	-27.552	74.000	9.398	PK
2	*	16830.000	52.942	35.930	-21.058	74.000	17.013	PK

Profile: 17C2130R	Page No.: 401
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5610MHz by 802.11ac80 Ant1+2	



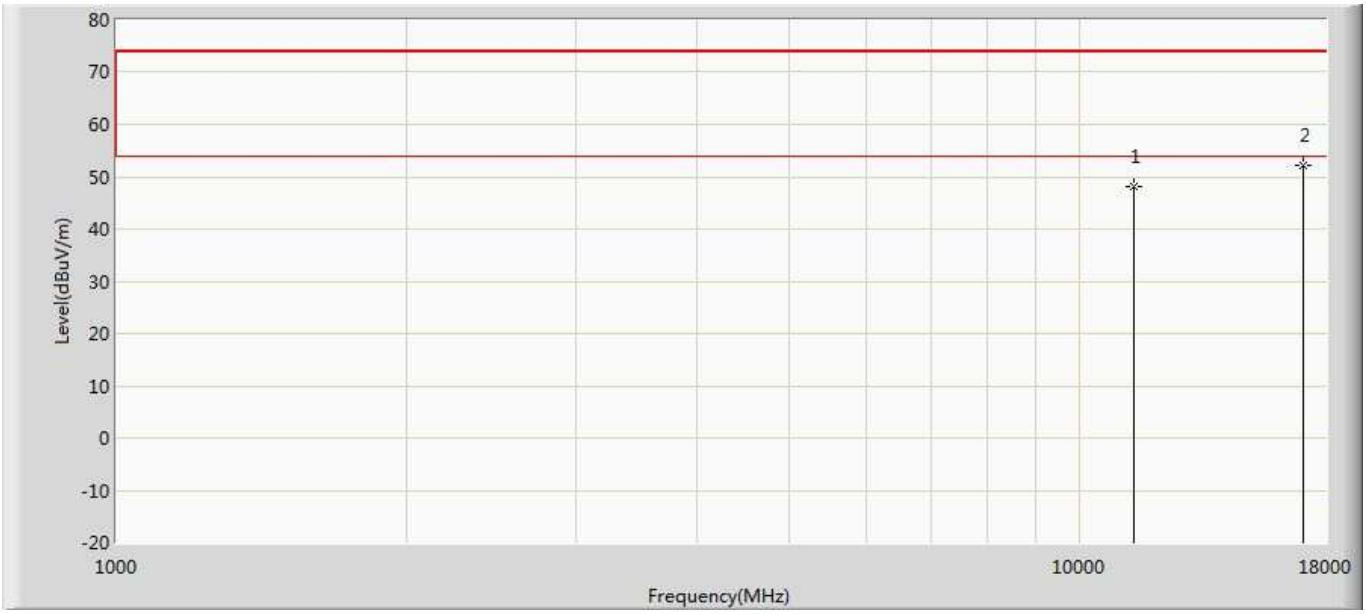
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	47.248	37.850	-26.752	74.000	9.398	PK
2	*	16830.000	53.135	36.123	-20.865	74.000	17.013	PK

Profile: 17C2130R	Page No.: 402
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5610MHz by 802.11ac80 Ant1+2	



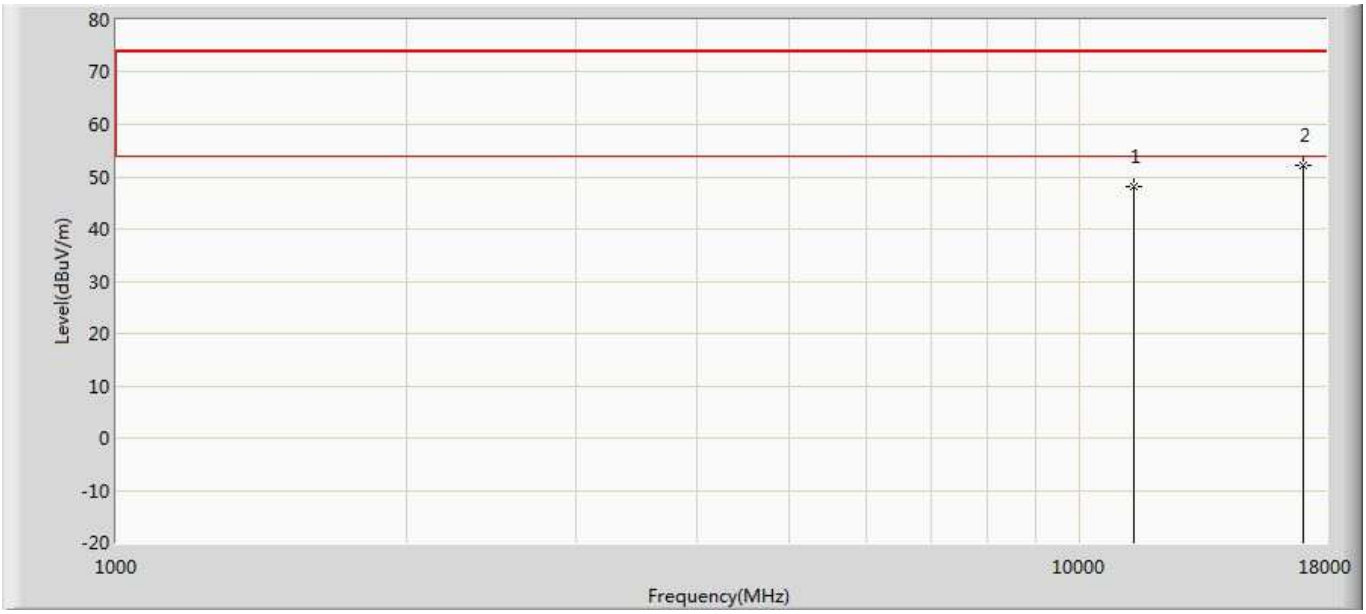
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11220.000	47.018	37.620	-26.982	74.000	9.398	PK
2	*	16830.000	52.672	35.660	-21.328	74.000	17.013	PK

Profile: 17C2130R	Page No.: 403
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5690MHz by 802.11ac80 Ant1	



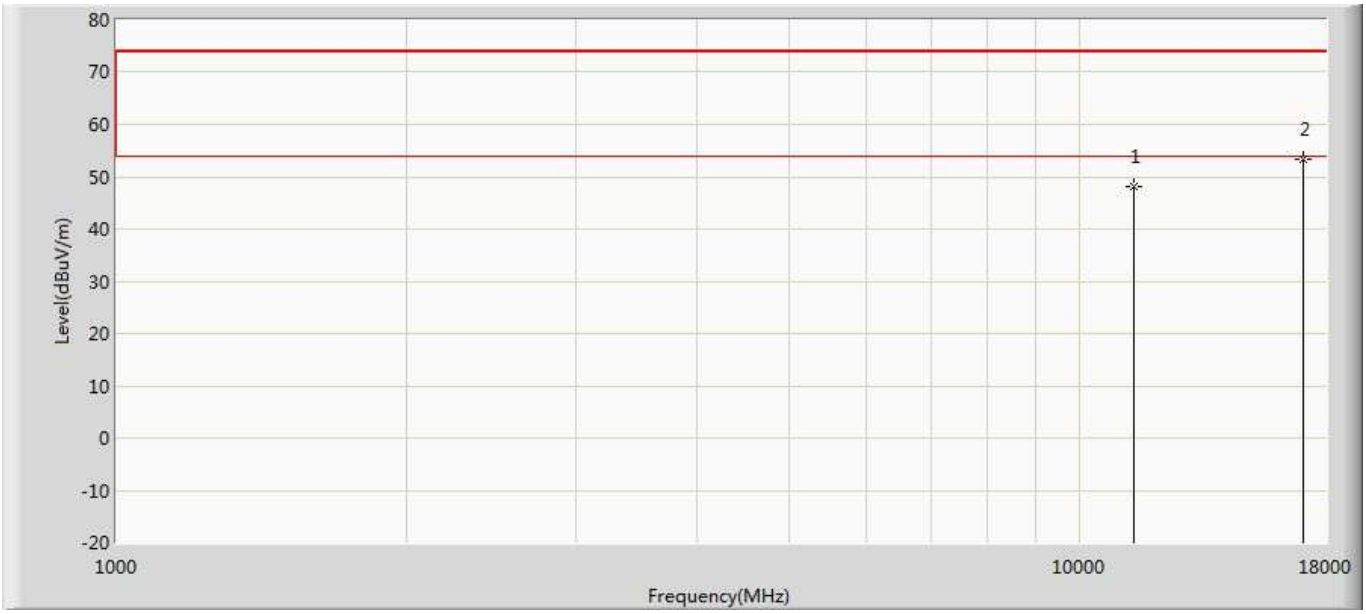
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11380.000	48.047	37.710	-25.953	74.000	10.337	PK
2	*	17070.000	52.078	34.980	-21.922	74.000	17.098	PK

Profile: 17C2130R	Page No.: 404
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5690MHz by 802.11ac80 Ant1	



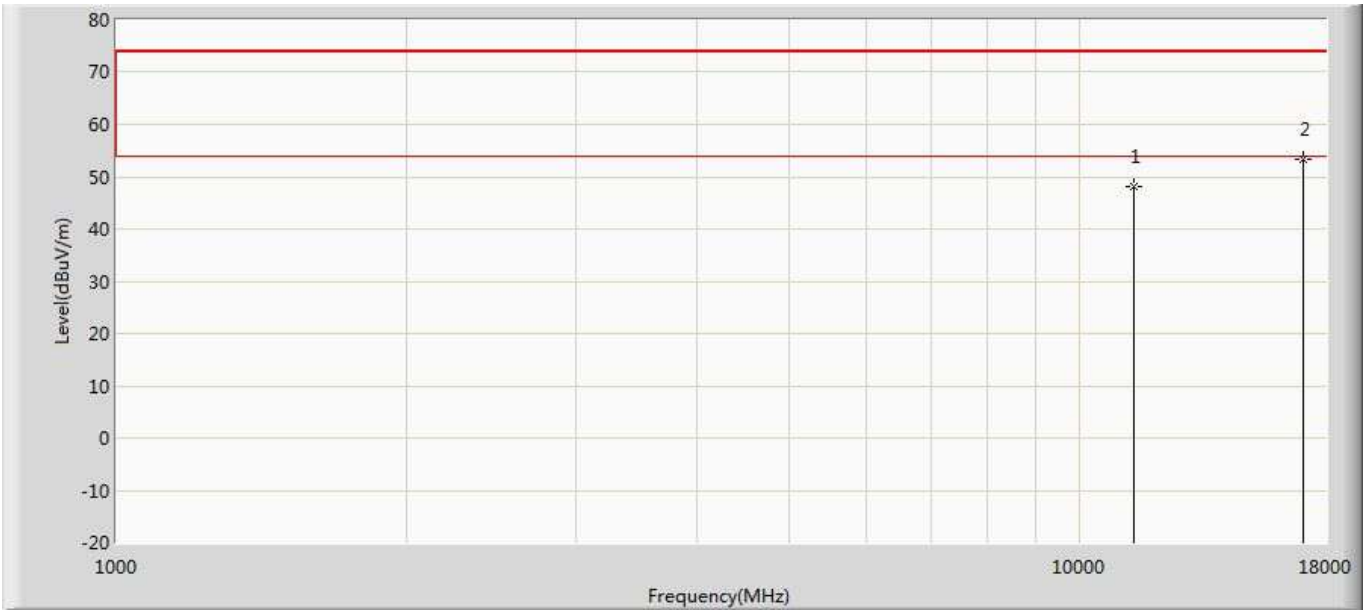
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11380.000	48.007	37.670	-25.993	74.000	10.337	PK
2	*	17070.000	52.118	35.020	-21.882	74.000	17.098	PK

Profile: 17C2130R	Page No.: 405
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5690MHz by 802.11ac80 Ant2	



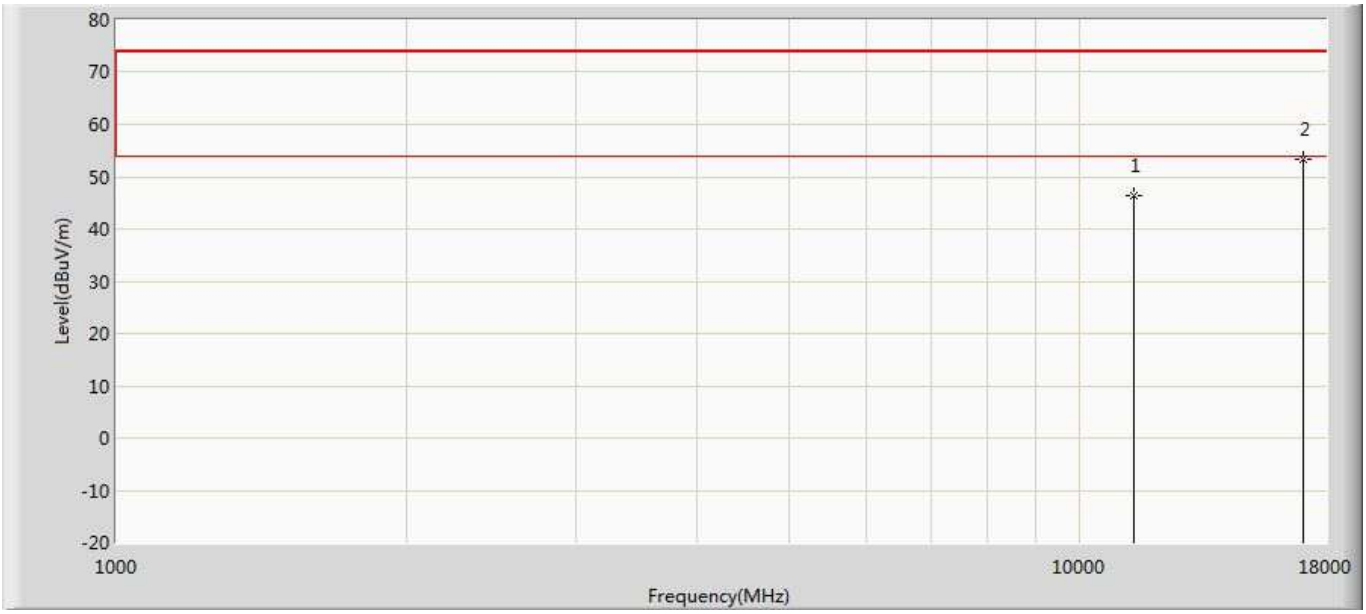
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11380.000	48.177	37.840	-25.823	74.000	10.337	PK
2	*	17070.000	53.318	36.220	-20.682	74.000	17.098	PK

Profile: 17C2130R	Page No.: 406
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5690MHz by 802.11ac80 Ant2	



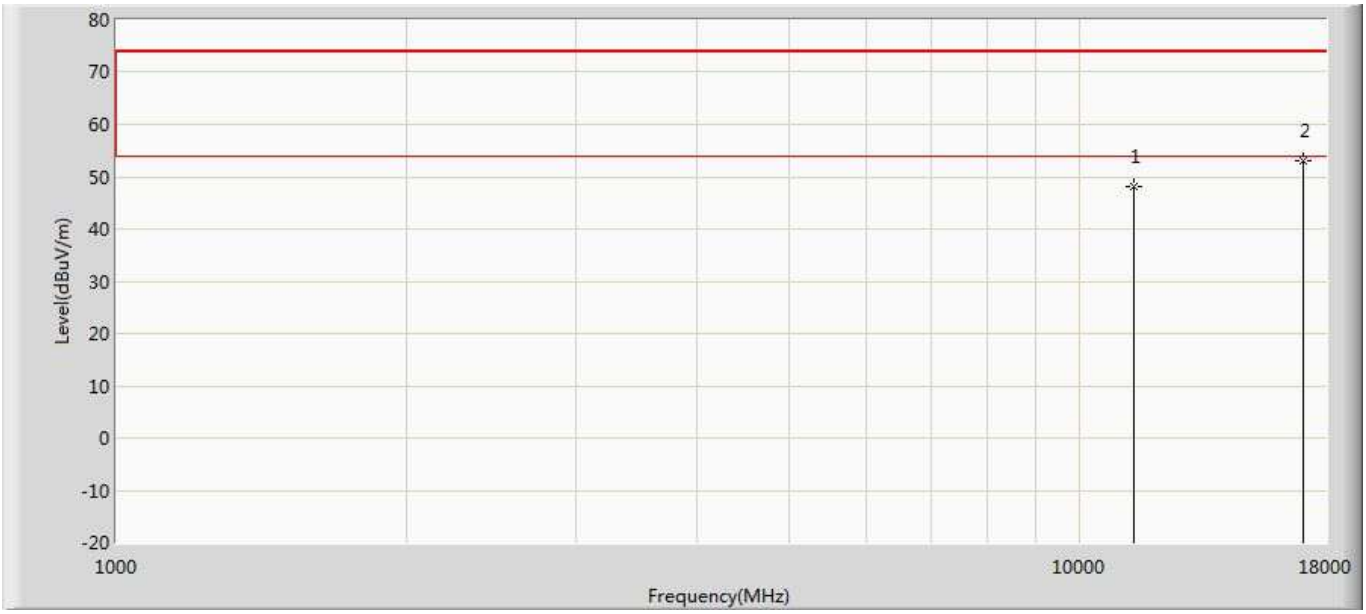
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11380.000	48.087	37.750	-25.913	74.000	10.337	PK
2	*	17070.000	53.228	36.130	-20.772	74.000	17.098	PK

Profile: 17C2130R	Page No.: 407
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5690MHz by 802.11ac80 Ant1+2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11380.000	46.507	36.170	-27.493	74.000	10.337	PK
2	*	17070.000	53.268	36.170	-20.732	74.000	17.098	PK

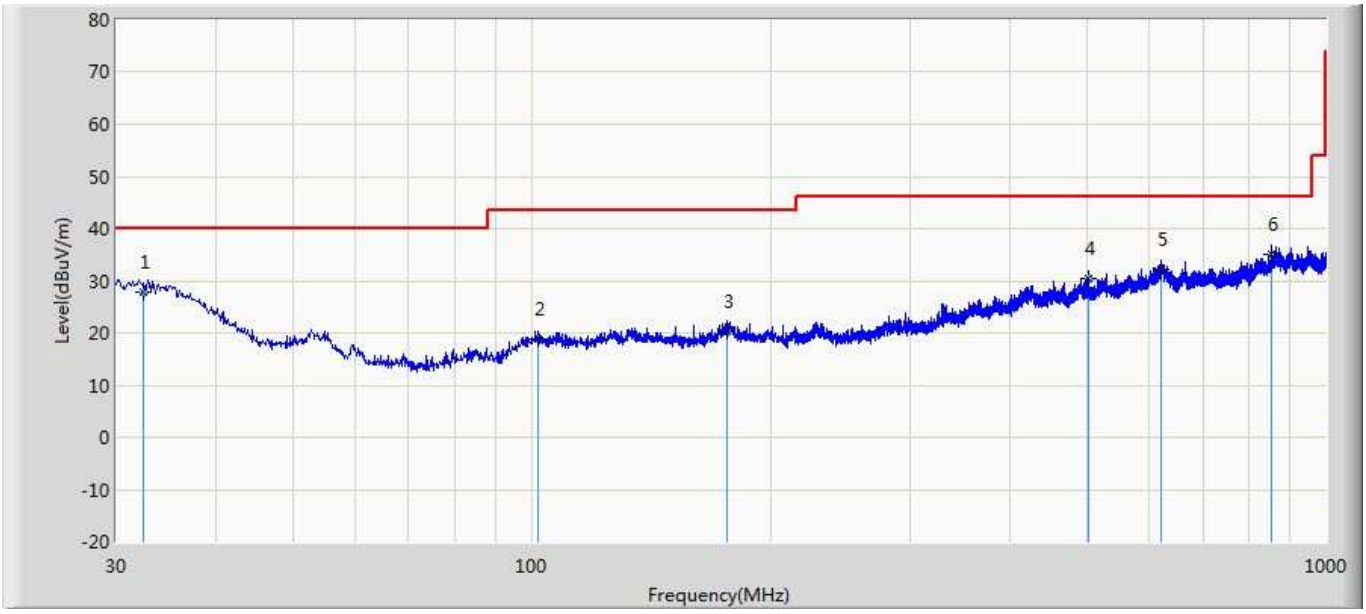
Profile: 17C2130R	Page No.: 408
Engineer: Eric	
Site: AC5	Time: 2018/05/15 - 13:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5690MHz by 802.11ac80 Ant1+2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11380.000	48.177	37.840	-25.823	74.000	10.337	PK
2	*	17070.000	53.178	36.080	-20.822	74.000	17.098	PK

The worst case of Radiated Emission below 1GHz:

Engineer: CptJack	
Site: AC2	Time: 2017/12/05
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at channel 5745MHz by 802.11a with Ant1+2	

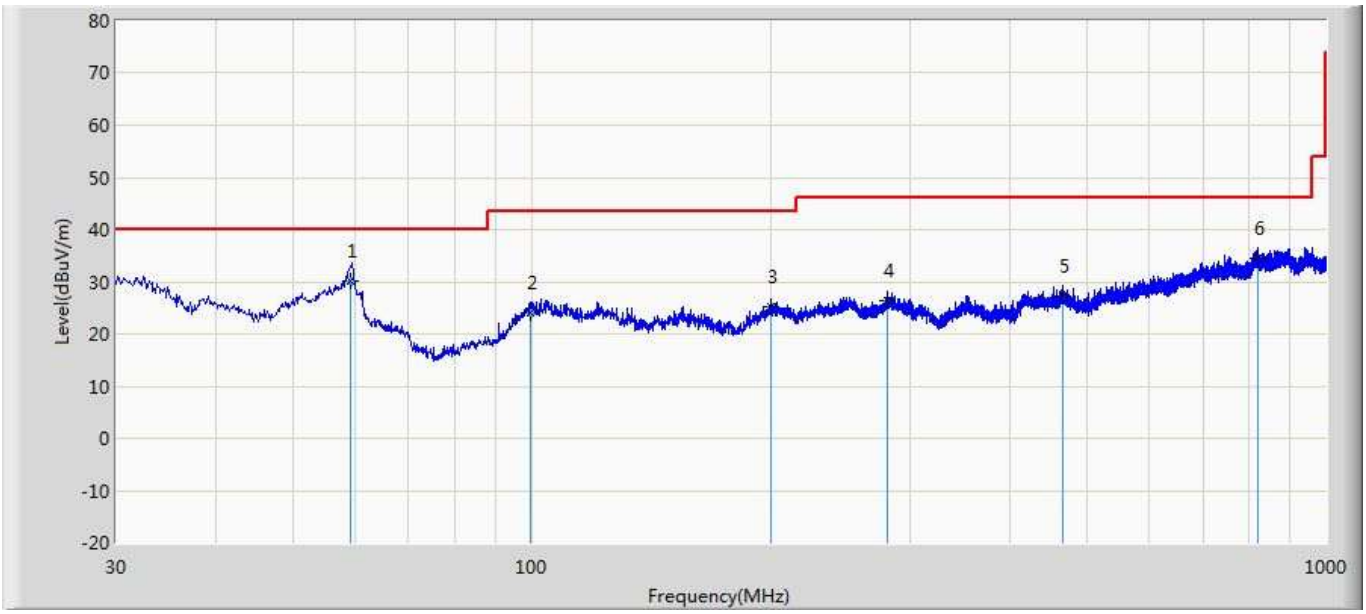


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1		32.472	27.877	0.500	-12.123	40.000	20.731	6.645	0.000	100	355	QP
2		101.842	18.739	1.600	-24.761	43.500	10.252	6.886	0.000	200	66	QP
3		175.885	20.284	3.100	-23.216	43.500	9.896	7.289	0.000	187	360	QP
4		501.621	30.568	3.000	-15.432	46.000	19.522	8.046	0.000	100	5	QP
5		621.034	32.033	1.200	-13.967	46.000	22.273	8.560	0.000	200	149	QP
6	*	854.610	34.950	2.600	-11.050	46.000	23.210	9.140	0.000	100	124	QP

Note:

1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: CptJack	
Site: AC2	Time: 2017/12/05
Limit: FCC_Part15.109_RE(3m)_ClassB	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	59.154	30.152	13.600	-9.848	40.000	9.848	6.704	0.000	100	59	QP
2		99.719	23.958	2.056	-19.542	43.500	15.036	6.867	0.000	200	204	QP
3		200.114	25.294	1.724	-18.206	43.500	16.229	7.342	0.000	100	195	QP
4		280.987	26.247	1.158	-19.753	46.000	17.489	7.601	0.000	200	354	QP
5		466.621	27.342	0.600	-18.658	46.000	18.733	8.009	0.000	100	113	QP
6		822.732	34.529	1.743	-11.471	46.000	23.722	9.064	0.000	100	251	QP

Note:

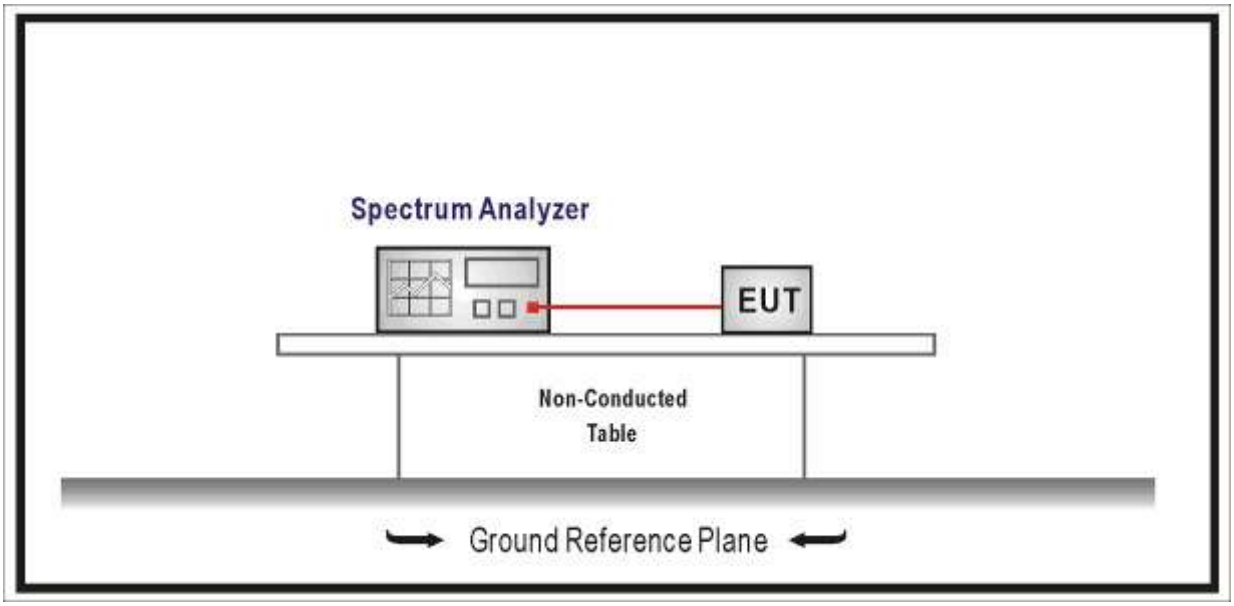
1. " * ", means this data is the worst emission level.
2. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

5. Emission bandwidth and occupied bandwidth

5.1. Test Equipment

Emission bandwidth and occupied bandwidth / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.04
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2018.04.09	2019.04.09
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2018.04.09	2019.04.09
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2018.04.10	2019.04.10
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

5.2. Test Setup



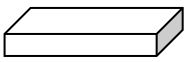
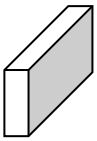
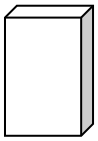
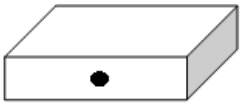
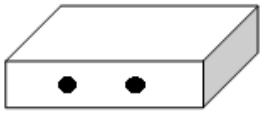
5.3. Limit

N/A

5.4. Test Procedure

Test Method				
	References Rule		Chapter	Description
☐	ANSI C63.10		12.4	Emission bandwidth and occupied bandwidth
	☐	ANSI C63.10	12.4.1	Emission bandwidth (26dB)
	☐	ANSI C63.10	12.4.2	Occupied bandwidth (99%)
☒	FCC KDB 789033 D02v01r04		C	Bandwidth Measurement
	☒	FCC KDB 789033 D02v01r04	C.1	Emission Bandwidth (26dB)
	☐	FCC KDB 789033 D02v01r04	C.2	Minimum Emission Bandwidth for the band 5.725-5.85 GHz (6dB)
☒	FCC KDB 789033 D02v01r04		D	99 Percent Occupied Bandwidth

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Occupied bandwidth</td></tr>
<tr><td rowspan="5">Device Category</td><td>☐</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☒</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="11">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

5.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Model No.	:	ATOM AP30	Test Site	:	TR8
Test Mode	:	Mode 1~6	Test Date	:	2017.04.27

Mode 1: Transmit by 802.11a

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	
52	5260	21.36	17.828	Pass
60	5300	21.49	17.786	Pass
64	5320	21.42	17.802	Pass
100	5500	25.12	16.676	Pass
120	5600	21.78	16.644	Pass
140	5700	23.42	17.607	Pass

Mode 2: Transmit by 802.11n(20MHz)

Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	
52	5260	21.59	16.999	Pass
60	5300	21.63	16.917	Pass
64	5320	21.76	16.916	Pass
100	5500	21.59	16.980	Pass
120	5600	21.53	16.838	Pass
140	5700	21.56	16.957	Pass

Mode 3: Transmit by 802.11n(40MHz)				
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	
54	5270	57.38	36.366	Pass
62	5310	60.00	36.603	Pass
102	5510	60.00	36.573	Pass
118	5590	60.00	36.598	Pass
134	5670	59.47	36.514	Pass
Mode 4: Transmit by 802.11ac(20MHz)				
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	
52	5260	21.53	17.786	Pass
60	5300	21.40	17.789	Pass
64	5320	21.25	17.778	Pass
100	5500	21.52	17.792	Pass
120	5600	21.82	17.995	Pass
140	5700	21.46	17.807	Pass
Mode 5: Transmit by 802.11ac(40MHz)				
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	
54	5270	59.68	36.541	Pass
62	5310	60.00	36.517	Pass
102	5510	59.87	36.456	Pass
118	5590	60.00	36.508	Pass
134	5670	50.02	36.394	Pass
Mode 6: Transmit by 802.11ac(80MHz)				
Channel No.	Frequency (MHz)	26dB Occupied Bandwidth (MHz)	99% Occupied Bandwidth (MHz)	Result
		Ant0(Worst Data)	Ant0(Worst Data)	
58	5290	119.4	75.861	Pass

106	5530	118.7	75.793	Pass
122	5610	118.3	75.621	Pass

Note 1: We have evaluated each antenna port, shown in the report is the worst data.

Note 2: The worst data plot as below:

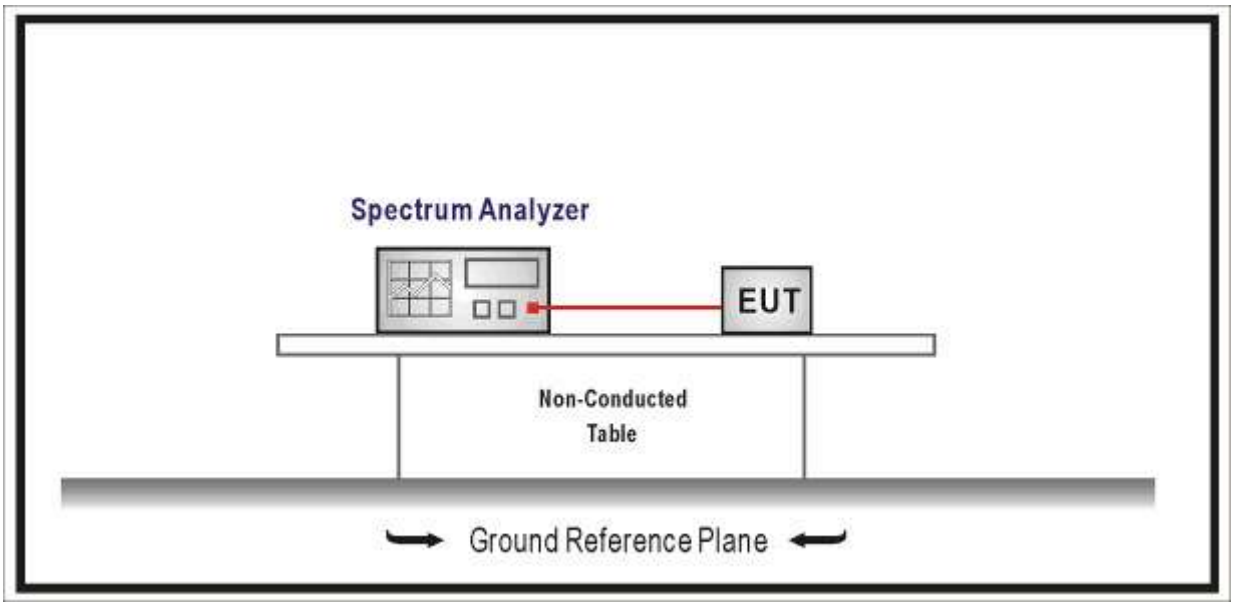
Mode 6: Channel 48(5290MHz)

6. Power Output

6.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2018.01.03	2019.01.02
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.03
Wideband Peak Power Meter	Anritsu	ML2495A	0905006	2017.10.14	2018.10.13
Power Sensor	Anritsu	MA2411B	0846014	2017.10.14	2018.10.13
Temperature/Humidity Meter	zhicheng	ZC1-2	TR8-TH	2018.04.10	2019.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

6.2. Test Setup



6.3. Limit

Fundamental emission output power Limit(FCC)		
☐	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} ＞6dBi, then Pout≤30 - (G_{TX} - 6) and ≤125mW at any angle above 30 degrees
	☐	Indoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} ＞6dBi, then Pout≤30 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If G_{TX}＞23dBi, then Pout≤30 - (G_{TX} - 23)
	☐	Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If G_{TX}＞6dBi, then Pout≤24 - (G_{TX} - 6)
☒	For the band 5.25-5.35 GHz:	
	☒	the maximum conducted output power shall not exceed 250mW or 11dBm+10 Log B, where B is the 26dB emission bandwidth in MHz. If G_{TX} ＞ 6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (GTX - 6)
☒	For the 5.47-5.725 GHz:	
	☒	the maximum conducted output power shall not exceed 250mW or 11dBm+10 Log B, where B is the 26dB emission bandwidth in MHz. If G_{TX}＞6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (G_{TX} - 6)
☐	For the band 5.725-5.85 GHz:	
	☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .		

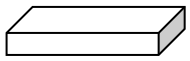
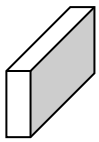
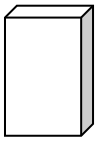
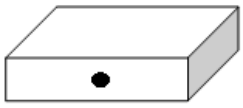
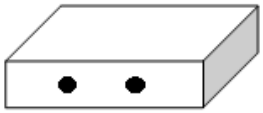
Fundamental emission output power Limit(IC)		
☐	For the band 5.15-5.25 GHz	
	☐	The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99% emission bandwidth in megahertz. The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.
☒	For the band 5.25-5.35 GHz:	
	☒	The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band; If G_{TX} ＞ 6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (G_{TX} - 6). The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz.. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☒	For the band 5.47-5.725 GHz:	
	☒	The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band. If G_{TX} ＞ 6dBi, then Pout ≤ (The lesser of 24 or 11dBm+10 Log B) - (G_{TX} - 6). The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz. Note that devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.
☐	For the band 5.725-5.85 GHz:	
	☐	Point-to-multipoint systems (P2M): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W. If G_{TX} > 6 dBi, then P_{Out} = 30 – (G_{TX} – 6)
	☐	Point-to-point systems (P2P): the maximum conducted output power (P_{Out}) shall not exceed the lesser of 1 W
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .		

6.4. Test Procedure

Fundamental emission output power Test Method					
	References Rule			Chapter	Description
☒	ANSI C63.10			12.3	Maximum conducted output power
	☒	ANSI C63.10		12.3.2	Maximum conducted output power measurement using a spectrum analyzer (SA) or EMI receiver
		☐	ANSI C63.10	12.3.2.2	Method SA-1
		☐	ANSI C63.10	12.3.2.3	Method SA-1A (alternative)
		☒	ANSI C63.10	12.3.2.4	Method SA-2
		☐	ANSI C63.10	12.3.2.5	Method SA-2A (alternative)
		☐	ANSI C63.10	12.3.2.6	Method SA-3
		☐	ANSI C63.10	12.3.2.7	Method SA-3A (alternative)
	☒	ANSI C63.10		12.3.3	Maximum conducted output power using a power meter
		☐	ANSI C63.10	12.3.3.1	Method PM
		☒	ANSI C63.10	12.3.3.2	Method PM-G

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology with NANT transmit antennas
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☐	ANSI C63.10	F2)c) (i)	Cross-polarized antennas with NANT = 2.
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)d)	Sectorized antenna systems.
	☐	KDB 662911	F2)d) (i)	transmit signals are correlated
	☐	KDB 662911	F2)d) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)e)	Spatial Multiplexing
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with more than one spatial stream

6.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Power Output</td></tr>
<tr><td rowspan="5">Device Category</td><td>☐</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☒</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

6.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Model No.	:	ATOM AP30	Test Site	:	TR8
Test Mode	:	Mode 1~6	Test Date	:	2018.05.14

Mode 1: Transmit by 802.11a with SISO

Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
52	5260	18.73	19.86	24.23	25.36	23.51	29.51	Pass
60	5300	16.01	19.44	21.51	24.94	23.50	29.50	Pass
64	5320	15.18	17.21	20.68	22.71	23.50	29.00	Pass
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
100	5500	17.52	18.43	23.02	23.93	23.51	29.51	Pass
104	5520	19.63	20.10	25.13	25.60	23.50	29.50	Pass
116	5580	19.74	20.45	25.24	25.95	23.50	29.50	Pass
140	5700	19.63	20.34	25.13	25.84	23.22	29.22	Pass
144	5720	19.31	20.26	24.81	25.76	23.21	29.21	Pass

Mode 2: Transmit by 802.11n(20MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
52	5260	20.21	20.13	25.71	25.63	23.30	29.30	Pass
60	5300	19.63	19.52	25.13	25.02	23.28	29.28	Pass
64	5320	19.69	19.56	25.19	25.06	23.28	29.28	Pass
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
100	5500	17.15	18.23	22.65	23.73	23.30	29.30	Pass
104	5520	20.05	20.49	25.55	25.99	23.30	29.30	Pass
116	5580	19.76	20.21	25.26	25.71	23.26	29.26	Pass
140	5700	19.79	20.23	25.29	25.73	23.29	29.29	Pass
144	5720	19.29	20.21	24.79	25.71	23.29	29.29	Pass

Mode 3: Transmit by 802.11n(40MHz) with SISO								
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
54	5270	18.72	19.12	24.22	24.62	24.00	30.00	Pass
62	5310	14.35	16.01	19.85	21.51	24.00	30.00	Pass
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
102	5510	14.67	16.35	20.17	21.85	24.00	30.00	Pass
110	5550	20.02	20.10	25.52	25.6	24.00	30.00	Pass
134	5670	20.21	20.47	25.71	25.97	24.00	30.00	Pass
142	5710	19.78	19.97	25.28	25.47	24.00	30.00	Pass

Mode 4: Transmit by 802.11ac(20MHz) with SISO								
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
52	5260	19.23	19.92	24.73	25.42	23.50	29.50	Pass
60	5300	18.68	19.52	24.18	25.02	23.50	29.50	Pass
64	5320	14.96	16.78	20.46	22.28	23.50	29.50	Pass
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
100	5500	17.37	18.23	22.87	23.73	23.50	29.50	Pass
104	5520	19.43	19.98	24.93	25.48	23.50	29.50	Pass
116	5580	19.83	20.12	25.33	25.62	23.55	29.55	Pass
140	5700	19.85	20.18	25.35	25.68	23.51	29.51	Pass
144	5720	19.49	20.38	24.99	25.88	23.51	29.51	Pass

Mode 5: Transmit by 802.11ac(40MHz) with SISO								
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
54	5270	17.85	19.36	23.35	24.86	24.00	30.00	Pass
62	5310	15.73	16.45	21.23	21.95	24.00	30.00	Pass
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
102	5510	15.77	16.40	21.27	21.9	24.00	30.00	Pass
110	5550	20.16	20.26	25.66	25.76	24.00	30.00	Pass
134	5670	20.52	20.58	26.02	26.08	24.00	30.00	Pass
142	5710	19.98	20.07	25.48	25.57	24.00	30.00	Pass

Mode 6: Transmit by 802.11ac(80MHz)								
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
58	5290	14.18	15.88	19.68	21.38	24.00	30.00	Pass
Channel No.	Frequency (MHz)	Measurement Power		E.I.R.P		Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
106	5530	14.78	15.65	20.28	21.15	24.00	30.00	Pass
122	5610	14.69	15.61	20.19	21.11	24.00	30.00	Pass
138	5690	19.26	19.44	24.76	24.94	24.00	30.00	Pass

Mode 1: Transmit by 802.11a with MIMO								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
52	5260	17.47	18.10	20.81	26.31	23.51	29.51	Pass
60	5300	17.63	18.20	20.93	26.43	23.50	29.50	Pass
64	5320	14.83	15.11	17.98	23.48	23.50	29.50	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
100	5500	17.01	17.48	20.26	25.76	23.51	29.51	Pass
104	5520	18.24	18.57	21.42	26.92	23.50	29.50	Pass
116	5580	17.89	18.27	21.09	26.59	23.50	29.50	Pass
140	5700	17.23	17.68	20.47	25.97	23.22	29.22	Pass
144	5720	17.04	17.47	20.27	25.77	23.21	29.21	Pass

Mode 2: Transmit by 802.11n(20MHz) with MIMO								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
52	5260	17.35	18.17	20.79	26.31	23.51	29.51	Pass
60	5300	16.93	17.88	20.44	26.43	23.50	29.50	Pass
64	5320	15.04	15.48	18.28	23.48	23.50	29.50	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
100	5500	16.45	17.15	19.82	25.32	23.30	29.30	Pass
104	5520	18.35	18.82	21.60	27.10	23.30	29.30	Pass
116	5580	18.21	18.63	21.44	26.94	23.26	29.26	Pass
140	5700	17.98	18.30	21.15	26.65	23.29	29.29	Pass
144	5720	17.81	18.24	21.04	26.54	23.29	29.29	Pass
Note: If the E.I.R.P is higher than 500mw, the TPC should be evaluated as below								

TPC							
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1		
104	5520	12.13	12.61	15.38	20.88	23.30	Pass

Mode 3: Transmit by 802.11n(40MHz) with MIMO								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
54	5270	17.13	17.77	20.47	25.97	24.0	30.0	Pass
62	5310	13.89	14.13	17.02	22.52	24.0	30.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
102	5510	14.13	14.81	17.49	22.99	24.0	30.0	Pass
118	5590	17.68	18.26	20.99	26.49	24.0	30.0	Pass
134	5670	19.56	20.04	22.82	28.32	24.0	30.0	Pass
142	5710	19.24	19.71	22.49	27.99	24.0	30.0	Pass
Note: If the E.I.R.P is higher than 500mw, the TPC should be evaluated as below								
TPC								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)		Result
		Ant0	Ant1	Ant0	Ant1			
134	5670	13.52	14.01	16.78	22.28	24.0		Pass
142	5710	13.21	13.64	16.44	21.94	24.0		Pass

Mode 4: Transmit by 802.11ac(20MHz) with MIMO								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
52	5260	17.16	17.95	20.58	26.08	23.50	29.50	Pass
60	5300	16.83	17.35	20.11	25.61	23.50	29.50	Pass
64	5320	14.89	14.98	17.95	23.45	23.50	29.50	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
100	5500	16.42	17.05	19.76	25.26	23.50	29.50	Pass
104	5520	18.01	18.62	21.34	26.84	23.50	29.50	Pass
116	5580	17.41	18.02	20.74	26.24	23.55	29.55	Pass
140	5700	17.34	17.87	20.62	26.12	23.51	29.51	Pass
144	5720	17.25	17.74	20.51	26.01	23.51	29.51	Pass

Mode 5: Transmit by 802.11ac(40MHz) with MIMO								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
54	5270	16.42	17.01	19.74	25.24	24.0	30.0	Pass
62	5310	15.48	15.86	18.68	24.18	24.0	30.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
102	5510	20.59	20.53	23.57	29.07	24.0	30.0	Pass
118	5590	20.62	20.56	23.60	29.10	24.0	30.0	Pass
134	5670	20.58	20.54	23.57	29.07	24.0	30.0	Pass
142	5710	20.57	20.54	23.57	29.07	24.0	30.0	Pass
Note: If the E.I.R.P is higher than 500mw, the TPC should be evaluated as below								
TPC								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	E.I.R.P Limit (dBm)		Result
		Ant0	Ant1	Ant0	Ant1			
102	5510	14.56	14.51	17.55	23.05	24.0		Pass
118	5590	14.61	14.53	17.58	23.08	24.0		Pass
134	5670	14.55	14.52	17.55	23.05	24.0		Pass
142	5710	14.52	14.51	17.53	23.03	24.0		Pass

Mode 6: Transmit by 802.11ac(80MHz) with MIMO								
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
58	5290	14.14	14.55	17.36	22.86	24.0	30.0	Pass
Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	E.I.R.P (dBm)	Conducted Limit (dBm)	E.I.R.P Limit (dBm)	Result
		Ant0	Ant1	Ant0	Ant1			
106	5530	14.25	14.61	17.44	22.94	24.0	30.0	Pass
122	5610	14.23	14.60	17.40	22.90	24.0	30.0	Pass
138	5690	18.70	19.22	21.98	27.48	24.0	30.0	Pass

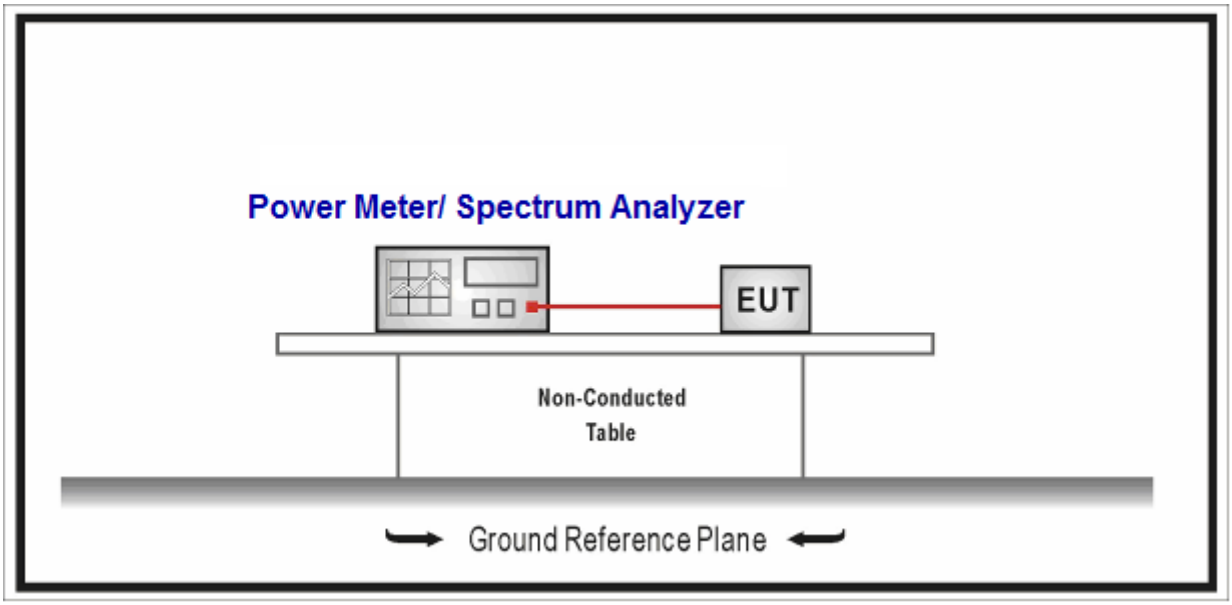
7. Peak Power Spectral Density

7.1. Test Equipment

Peak Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2018.02.04	2019.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2018.04.09	2019.04.08
MXA Signal Anlyzer	Keysight	N9020A	MY56060147	2018.04.09	2019.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2018.04.10	2019.04.09
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

7.2. Test Setup

Power Output



7.3. Limit

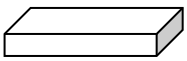
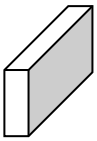
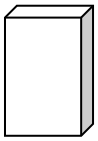
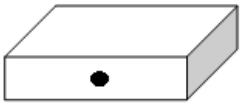
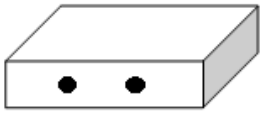
Fundamental emission output power Limit		
☐	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞23dBi, then Pout≤17 - (G_{TX} - 23)
	☐	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the 5.25-5.35 GHz:	
	☒	the maximum power spectral density shall not exceed 11 dBm/MHz. If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☒	For the 5.47-5.725 GHz:	
	☒	the maximum power spectral density shall not exceed 11 dBm/MHz.If G_{TX}＞6dBi, then Pout≤11 - (G_{TX} - 6)
☐	For the band 5.725-5.85 GHz:	
	☐	the maximum power spectral density shall not exceed 30 dBm/500KHz. If G_{TX}＞6dBi, then Pout≤30 - (G_{TX} - 6)
Note 1 : G_{TX} directional gain of transmitting antennas. Note 2 : P_{out} is maximum peak conducted output power .		

7.4. Test Procedure

Fundamental emission output power Test Method			
	References Rule	Chapter	Description
☒	ANSI C63.10	12.5	Peak power spectral density
☒	FCC KDB 789033 D02v01r04	F	Maximum Power Spectral Density (PSD)

Directional Gain Calculations for In-Band test method				
	References Rule		Chapter	Description
☐	KDB 662911		F2)a)	Basic methodology with NANT transmit antennas
	☐	KDB 662911	F2)a) (i)	transmit signals are correlated
	☐	KDB 662911	F2)a) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)b)	Sectorized antenna systems.
☐	KDB 662911		F2)c)	Cross-polarized antennas
	☒	ANSI C63.10	F2)c) (i)	Cross-polarized antennas with NANT = 2.
	☐	ANSI C63.10	F2)c) (ii)	Multiple antennas
☐	KDB 662911		F2)d)	Sectorized antenna systems.
	☐	KDB 662911	F2)d) (i)	transmit signals are correlated
	☐	KDB 662911	F2)d) (ii)	transmit signals are uncorrelated
☐	KDB 662911		F2)e)	Spatial Multiplexing
	☐	KDB 662911	F2)e) (i)	Antennas have the same gain
	☐	KDB 662911	F2)e) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)e) (iii)	Antenna have the different gain with more than one spatial stream
☒	KDB 662911		F2)f)	Cyclic Delay Diversity (CDD)
	☒	KDB 662911	F2)f) (i)	Antennas have the same gain
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with one spatial stream
	☐	KDB 662911	F2)f) (ii)	Antenna have the different gain with more than one spatial stream

7.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="5">Device Category</td><td>☐</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☒</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="11">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☒</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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7.6. Test Result

Product Name	:	Wireless Access point	Power	:	AC 120V/60Hz
Model No.	:	ATOM AP30	Test Site	:	TR8
Test Mode	:	Mode 1~6	Test Date	:	2018.05.14

Mode 1: Transmit by 802.11a with SISO Mode					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant0	Ant1		
52	5260	6.59	7.33	11.0	Pass
60	5300	5.47	6.77	11.0	Pass
64	5320	2.84	4.14	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant0	Ant1		
100	5500	4.86	5.74	11.0	Pass
120	5580	6.50	7.56	11.0	Pass
140	5700	6.58	7.37	11.0	Pass
Mode 2: Transmit by 802.11n(20MHz) with SISO Mode					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant0	Ant1		
52	5260	6.88	7.00	11.0	Pass
60	5300	5.24	6.63	11.0	Pass
64	5320	3.93	4.99	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant0	Ant1		
100	5500	3.59	4.62	11.0	Pass
120	5580	6.67	7.37	11.0	Pass
140	5700	6.74	7.18	11.0	Pass

Mode 3: Transmit by 802.11n(40MHz) with SISO Mode					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant0	Ant1		
54	5270	2.74	3.70	11.0	Pass
62	5310	-0.81	0.93	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant0	Ant1		
102	5510	-0.76	0.64	11.0	Pass
118	5550	4.64	4.95	11.0	Pass
134	5670	4.44	4.77	11.0	Pass
Mode 4: Transmit by 802.11ac(20MHz) with SISO Mode					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant0	Ant1		
52	5260	6.87	7.17	11.0	Pass
60	5300	5.87	6.43	11.0	Pass
64	5320	2.06	3.47	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant0	Ant1		
100	5500	4.21	5.09	11.0	Pass
120	5580	7.51	7.52	11.0	Pass
140	5700	7.74	7.65	11.0	Pass
Mode 5: Transmit by 802.11ac(40MHz) with SISO Mode					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant0	Ant1		
54	5270	3.77	4.59	11.0	Pass
62	5310	-0.45	1.02	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant0	Ant1		
102	5510	-0.99	1.25	11.0	Pass

118	5550	4.71	4.29	11.0	Pass
134	5670	5.37	5.50	11.0	Pass
Mode 6: Transmit by 802.11ac(80MHz) with SISO Mode					
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Limit (dBm/MHz)	Result
		Ant0	Ant1		
58	5290	-4.35	-2.31	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Limit (dBm/500KHz)	Result
		Ant0	Ant1		
106	5530	-4.74	-3.90	11.0	Pass
122	5610	-4.83	-3.64	11.0	Pass

Mode 1: Transmit by 802.11a with MIMO Mode						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Ant0	Ant1			
52	5260	5.41	5.34	8.39	8.50	Pass
60	5300	5.47	5.18	8.34	8.50	Pass
64	5320	2.80	2.44	5.63	8.50	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Ant0	Ant1			
100	5500	4.65	4.93	7.80	8.50	Pass
120	5580	5.43	5.20	8.33	8.50	Pass
140	5700	5.21	5.14	8.19	8.50	Pass
Mode 2: Transmit by 802.11n(20MHz) with MIMO Mode						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Ant0	Ant1			
52	5260	5.11	5.03	8.08	8.50	Pass
60	5300	5.37	5.30	8.35	8.50	Pass
64	5320	2.24	2.75	5.51	8.50	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Ant0	Ant1			
100	5500	3.38	3.94	6.68	8.50	Pass
120	5580	5.37	5.34	8.37	8.50	Pass
140	5700	5.42	5.30	8.37	8.50	Pass

Mode 3: Transmit by 802.11n(40MHz) with MIMO Mode						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Ant0	Ant1			
54	5270	3.97	3.91	6.95	8.50	Pass
62	5310	-0.89	-0.86	2.14	8.50	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Ant0	Ant1			
102	5510	-0.54	-0.68	2.40	8.50	Pass
118	5550	4.90	4.98	7.95	8.50	Pass
134	5670	4.02	4.17	7.11	8.50	Pass
Mode 4: Transmit by 802.11ac(20MHz) with MIMO Mode						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Ant0	Ant1			
52	5260	5.04	5.05	8.06	8.50	Pass
60	5300	5.19	5.25	8.23	8.50	Pass
64	5320	2.30	2.29	5.31	8.50	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Ant0	Ant1			
100	5500	3.81	4.35	7.10	8.50	Pass
120	5580	5.19	5.21	8.21	8.50	Pass
140	5700	5.41	5.13	8.28	8.50	Pass
Mode 5: Transmit by 802.11ac(40MHz) with MIMO Mode						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Ant0	Ant1			
54	5270	4.50	4.44	7.48	8.50	Pass
62	5310	-0.79	-0.53	2.35	8.50	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Ant0	Ant1			
102	5510	-0.85	-1.36	1.91	8.50	Pass

118	5550	4.97	4.50	7.75	8.50	Pass
134	5670	4.25	4.35	7.31	8.50	Pass
Mode 6: Transmit by 802.11ac(80MHz) with MIMO Mode						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total PPSD (dBm/MHz)	Limit (dBm/MHz)	Result
		Ant0	Ant1			
58	5290	-4.17	-4.03	-1.09	8.50	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total PPSD (dBm/500KHz)	Limit (dBm/500KHz)	Result
		Ant0	Ant1			
106	5530	-4.59	-4.52	-1.54	8.50	Pass

Note 1: Duty factor=10*log(1/duty cycle)

Note 2: Measurement Power Spectral=Reading Value + Duty factor

The worst case of PSD(SISO) as below:

Mode 1 Channel 52（5260MHz）

Ant 1

Ant 2

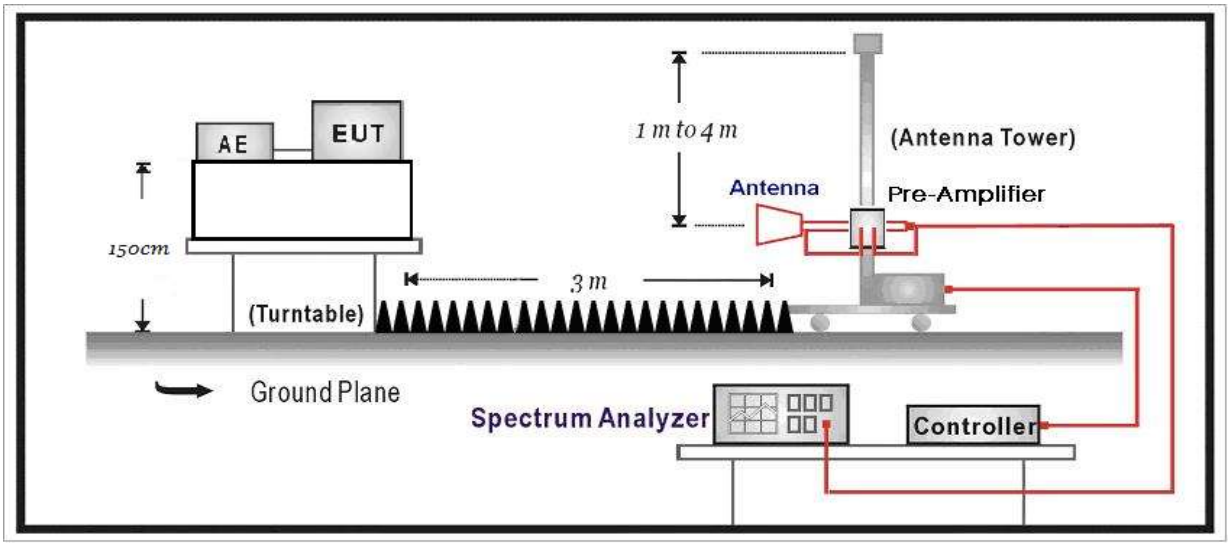
8. Radiated Emission Band Edge

8.1. Test Equipment

Radiated Emission Band Edge / AC-5					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
EMI Receiver	Agilent	N9038A	MY51210196	2017.07.16	2018.07.15
Pre-Amplifier	Miteq	NSP1800-25	1364185	2017.05.03	2018.05.02
DRG Horn Antenna	ETS-Lindgren	3117	00167055	2017.07.12	2018.07.11
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2017.12.12	2018.09.17
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2018.02.28	2019.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2018.02.28	2019.02.27
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2018.01.04	2019.01.03
Note: All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

8.2. Test Setup

Test Setup



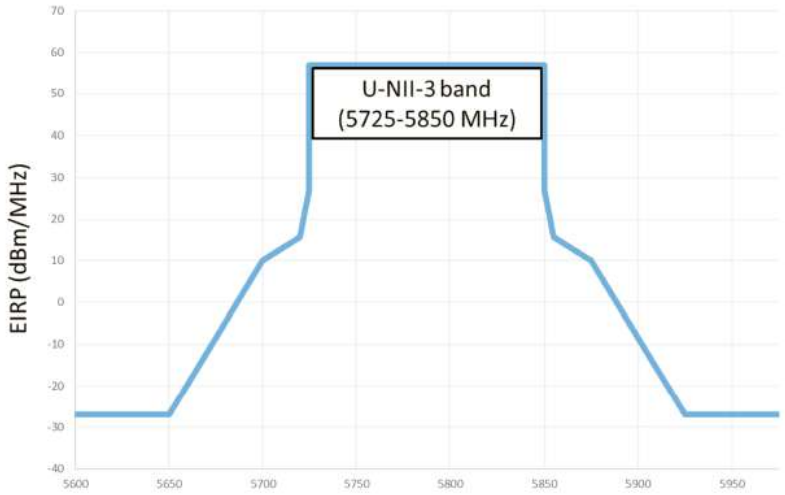
8.3. Limit

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dBµV/m)
0.009-0.490	300	2400/F(kHz)
0.490-1.705	30	24000/F(kHz)
1.705-30.0	30	30
30-88	3	100**
88-216	3	150**
216-960	3	200**
Above 960	3	500

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

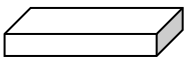
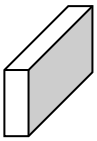
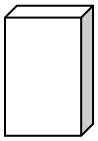
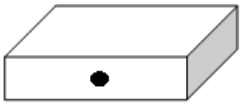
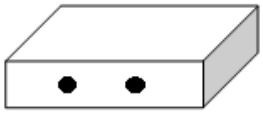
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 –16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975–12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675–12.57725	322 – 335.4	3600 – 4400	
13.36 – 13.41			

FCC Part 15 Subpart C Paragraph 15.407(b) (Unrestricted Band Emissions Limit)		
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dB μ V/m)
5150 - 5250	-27	68.3
5250 - 5350	-27	68.3
5470 - 5725	-27	68.3
Operating Frequency Band (MHz)	EIRP Limit (dBm/MHz)	
5725 - 5825		

8.4. Test Procedure

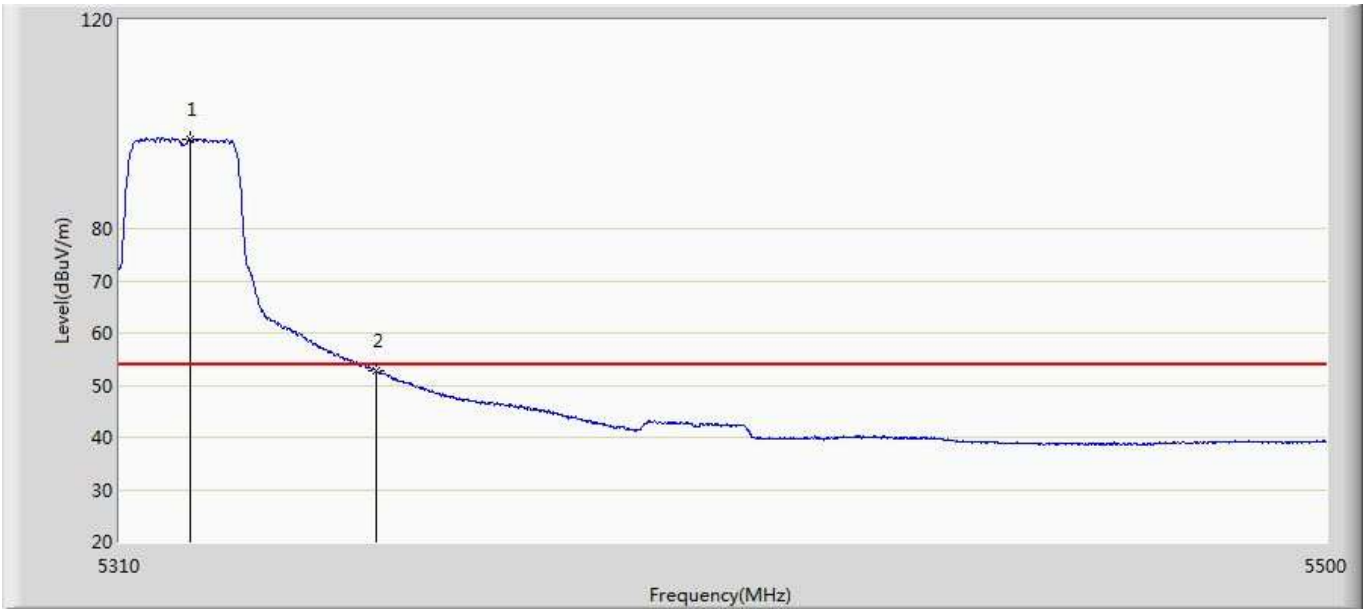
Test Method				
	References Rule		Chapter	Description
☐	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10	12.7.5	Radiated emission measurements
	☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
		☐ ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
		☒ ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
☐	FCC KDB 789033 D02v01r04		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v01r04		G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v01r04	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v01r04	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r04	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
		☐ FCC KDB 789033 D02v01r04	G.6.c	Method AD (Average detection)—primary method
		☐ FCC KDB 789033 D02v01r04	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

8.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="5">Device Category</td><td>☐</td><td colspan="3">Outdoor AP</td></tr>
<tr><td>☒</td><td colspan="3">Indoor AP</td></tr>
<tr><td>☐</td><td colspan="3">Fixed point-to-point AP</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor fixed point-to-multipoint AP</td></tr>
<tr><td>☐</td><td colspan="3">Client</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-6</td></tr>
<tr><td rowspan="11">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☒</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
</table>

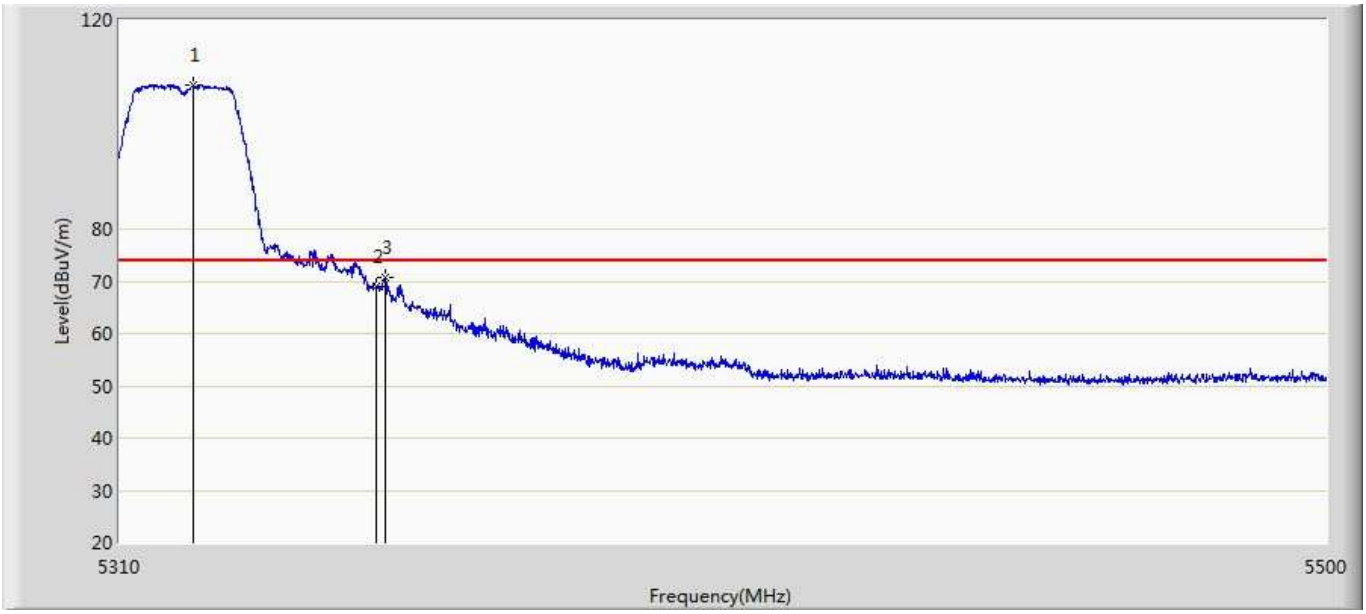
8.6. Test Result

Profile: 17C2130R	Page No.: 1
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 16:53
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1	



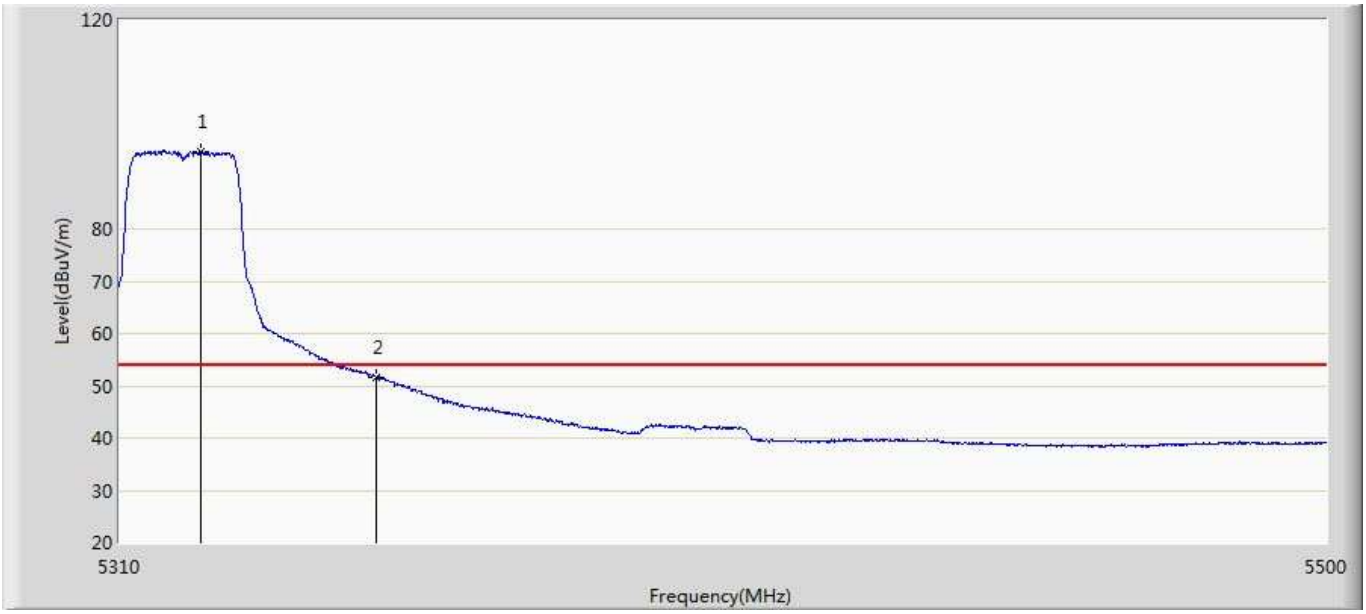
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.020	97.180	57.257	43.180	54.000	39.923	AV
2		5350.000	52.705	12.834	-1.295	54.000	39.871	AV

Profile: 17C2130R	Page No.: 2
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1	



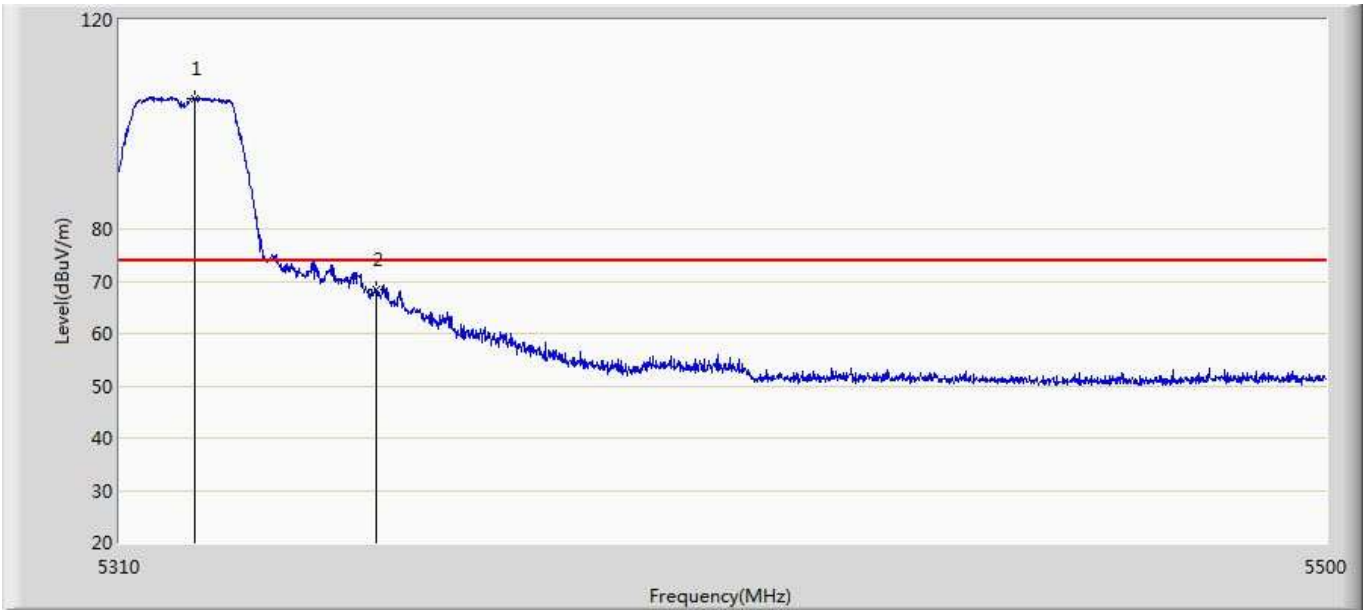
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.400	107.472	67.551	33.472	74.000	39.921	PK
2		5350.000	69.045	29.174	-4.955	74.000	39.871	PK
3		5351.325	70.772	30.901	-3.228	74.000	39.871	PK

Profile: 17C2130R	Page No.: 3
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1	



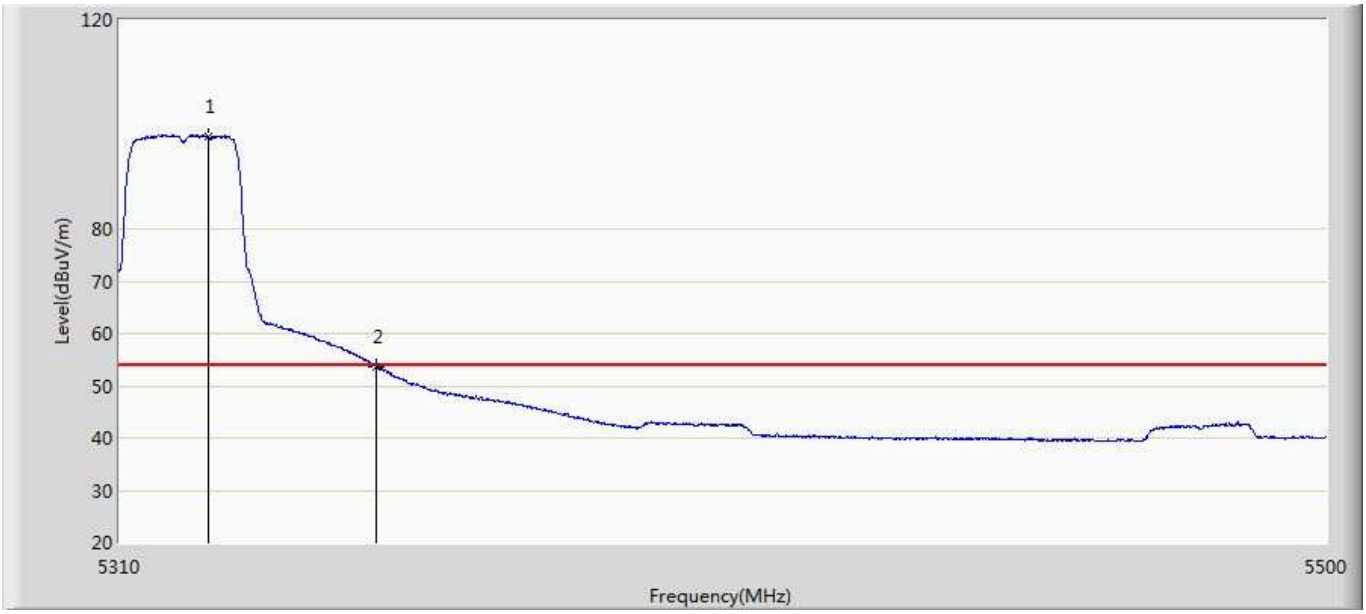
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.730	94.707	54.791	40.707	54.000	39.916	AV
2		5350.000	51.694	11.823	-2.306	54.000	39.871	AV

Profile: 17C2130R	Page No.: 4
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1	



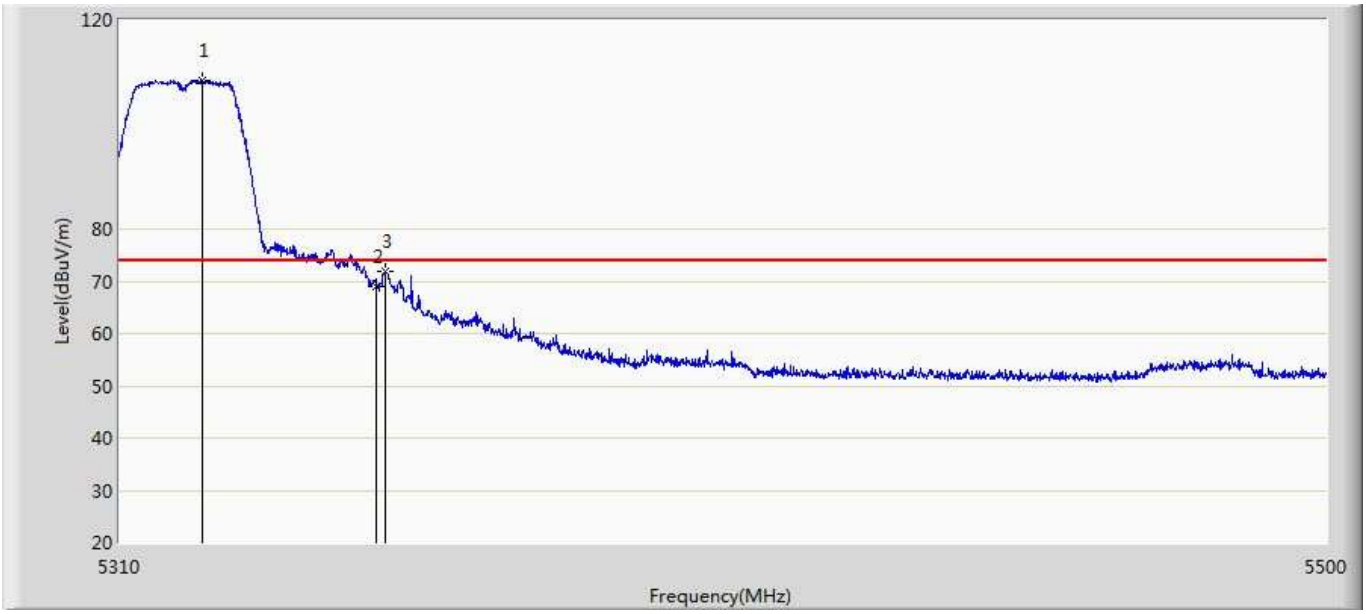
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.685	105.009	65.089	31.009	74.000	39.920	PK
2		5350.000	68.320	28.449	-5.680	74.000	39.871	PK

Profile: 17C2130R	Page No.: 5
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant2	



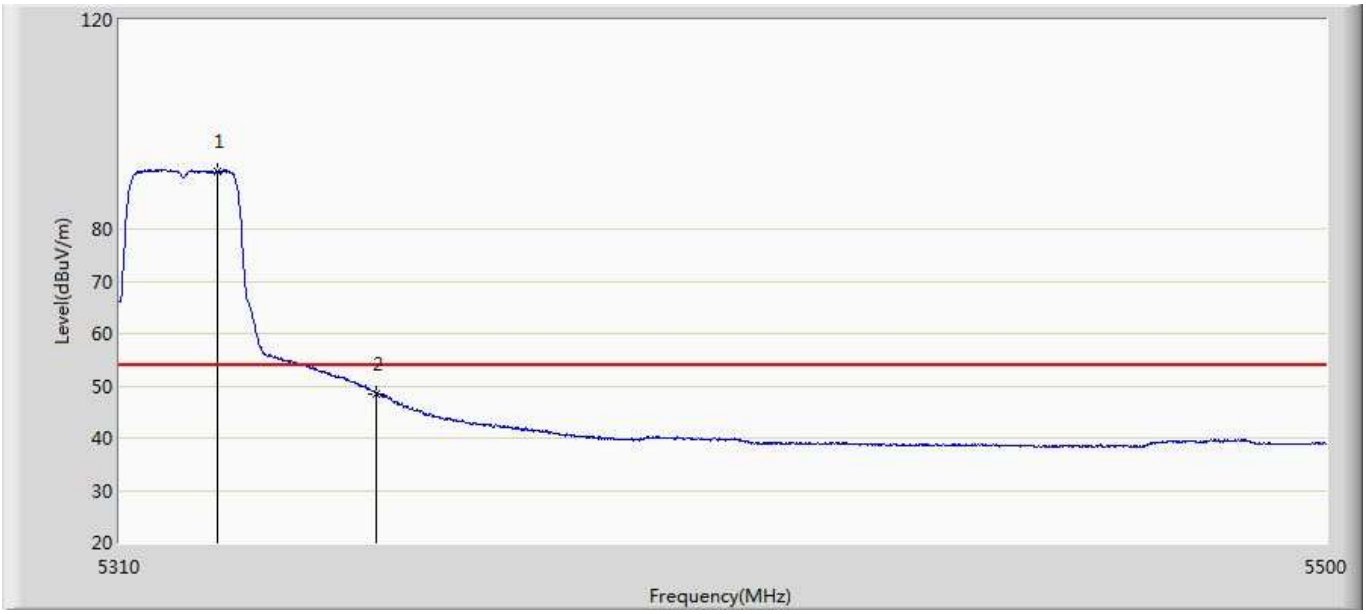
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.870	97.819	57.908	43.819	54.000	39.911	AV
2		5350.000	53.663	13.792	-0.337	54.000	39.871	AV

Profile: 17C2130R	Page No.: 6
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:30
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant2	



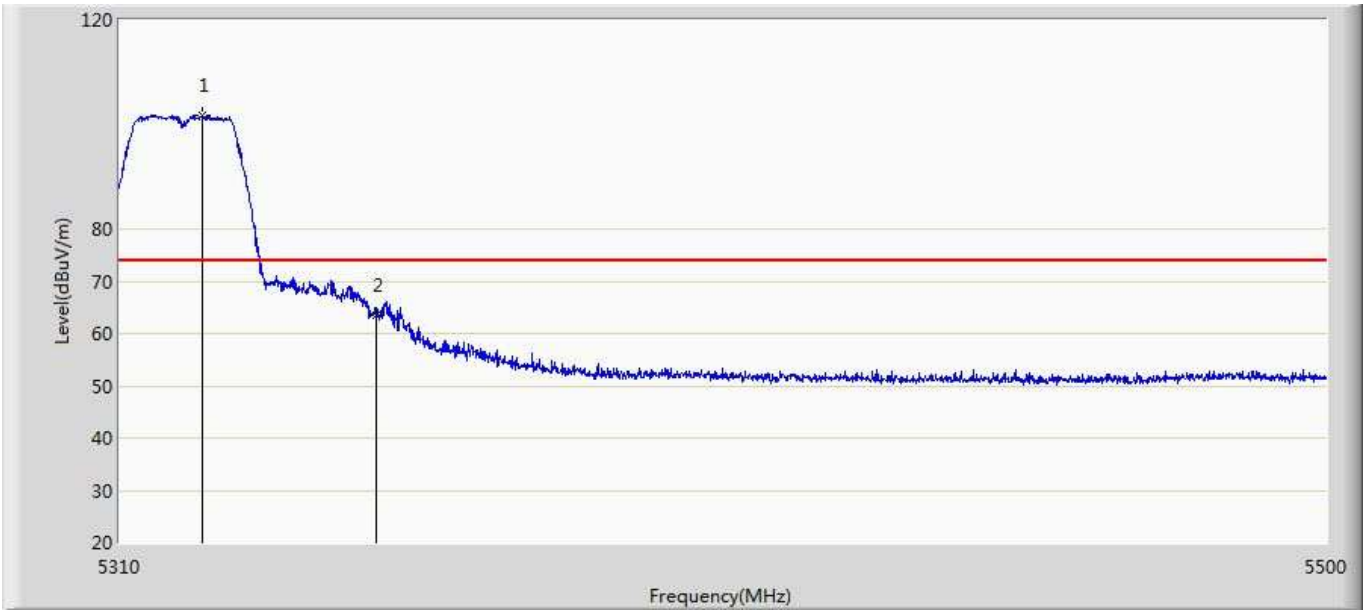
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.825	108.455	68.540	34.455	74.000	39.916	PK
2		5350.000	69.021	29.150	-4.979	74.000	39.871	PK
3		5351.325	71.774	31.903	-2.226	74.000	39.871	PK

Profile: 17C2130R	Page No.: 7
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant2	



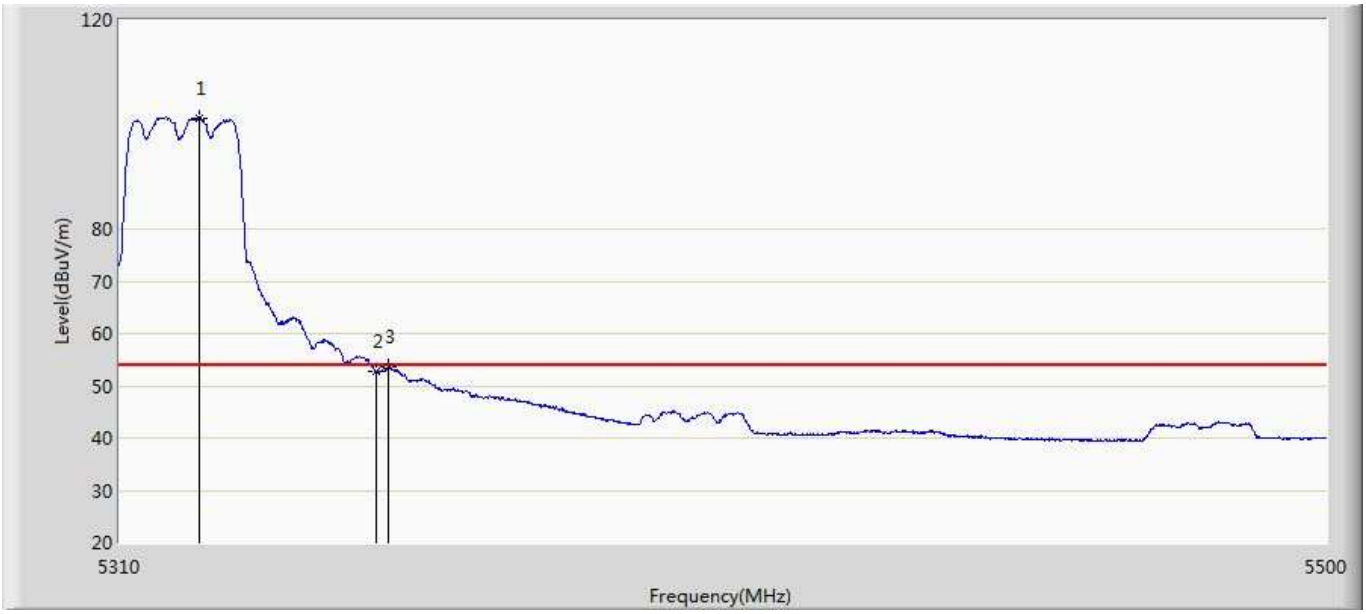
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5325.200	90.993	51.087	36.993	54.000	39.906	AV
2		5350.000	48.490	8.619	-5.510	54.000	39.871	AV

Profile: 17C2130R	Page No.: 8
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant2	



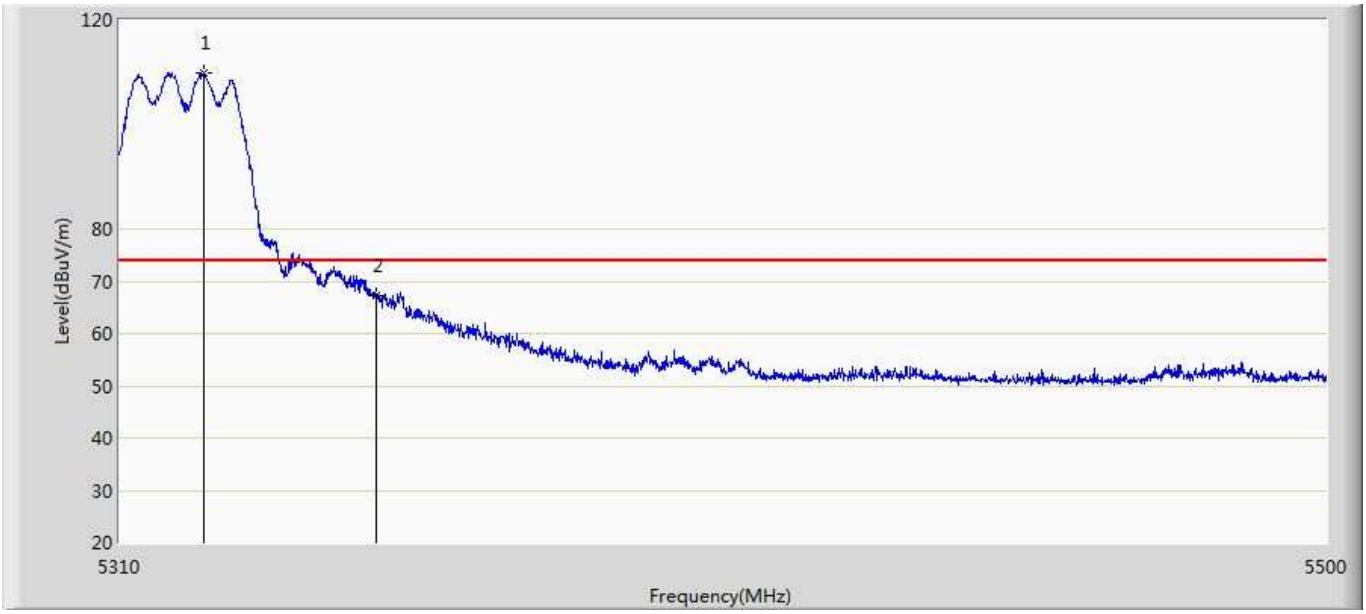
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.920	101.632	61.717	27.632	74.000	39.915	PK
2		5350.000	63.355	23.484	-10.645	74.000	39.871	PK

Profile: 17C2130R	Page No.: 9
Engineer: Eric	
Site: AC5	Time: 2018/03/11 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1+2	



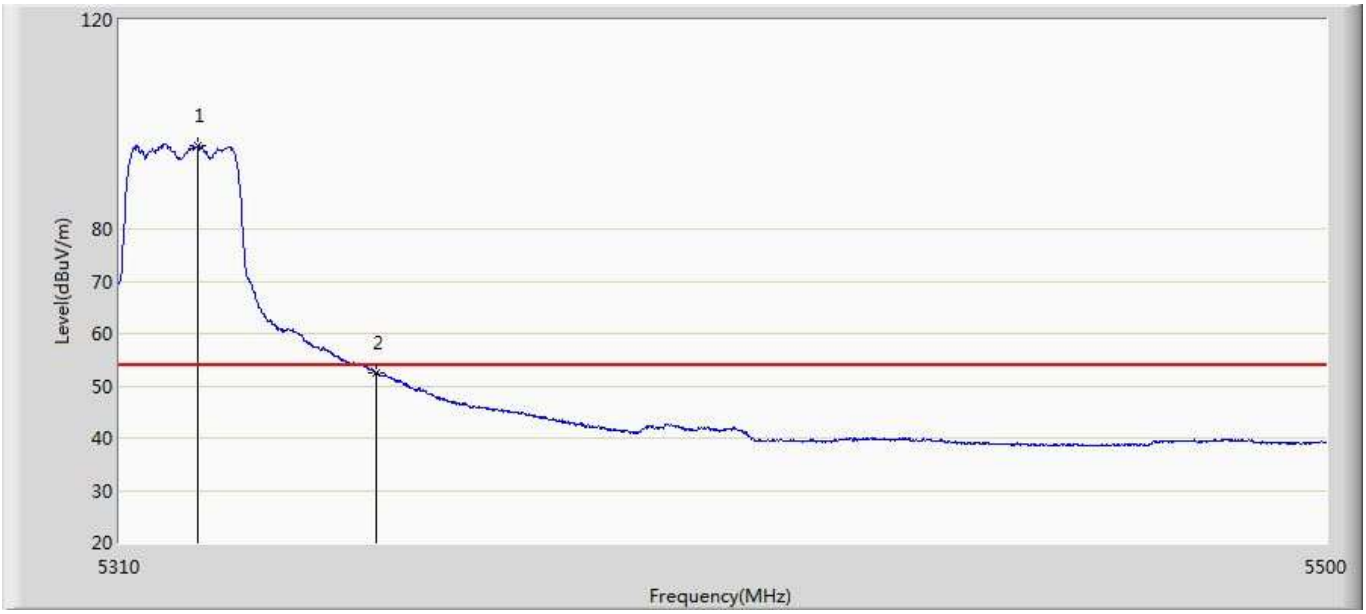
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.350	101.277	61.360	47.277	54.000	39.917	AV
2		5350.000	52.781	12.910	-1.219	54.000	39.871	AV
3		5351.800	53.575	13.704	-0.425	54.000	39.871	AV

Profile: 17C2130R	Page No.: 10
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 09:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1+2	



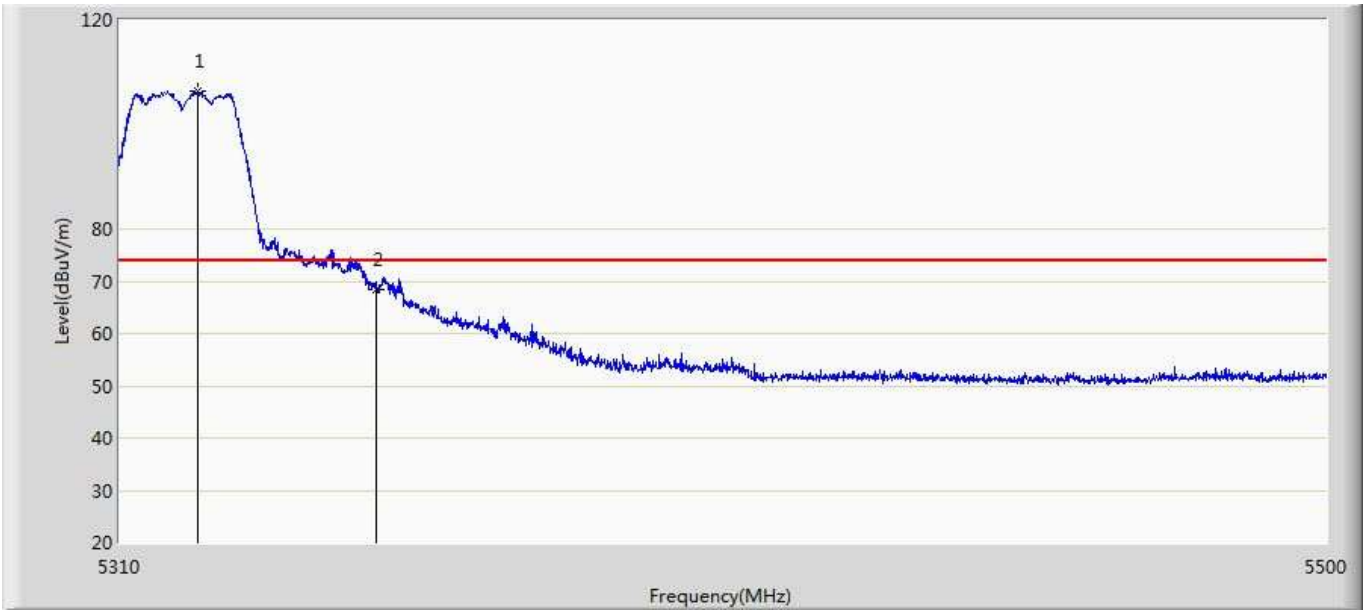
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.205	109.774	69.860	35.774	74.000	39.914	PK
2		5350.000	67.272	27.401	-6.728	74.000	39.871	PK

Profile: 17C2130R	Page No.: 11
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 09:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1+2	



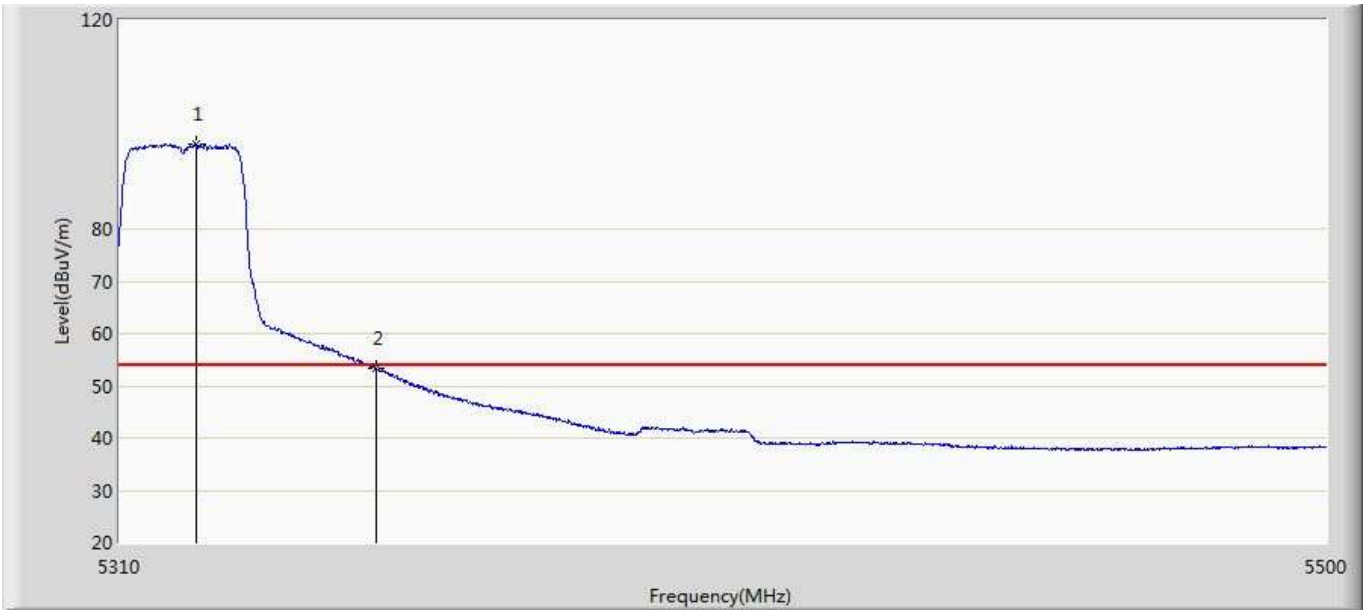
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.255	95.939	56.021	41.939	54.000	39.918	AV
2		5350.000	52.492	12.621	-1.508	54.000	39.871	AV

Profile: 17C2130R	Page No.: 12
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 09:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a Ant1+2	



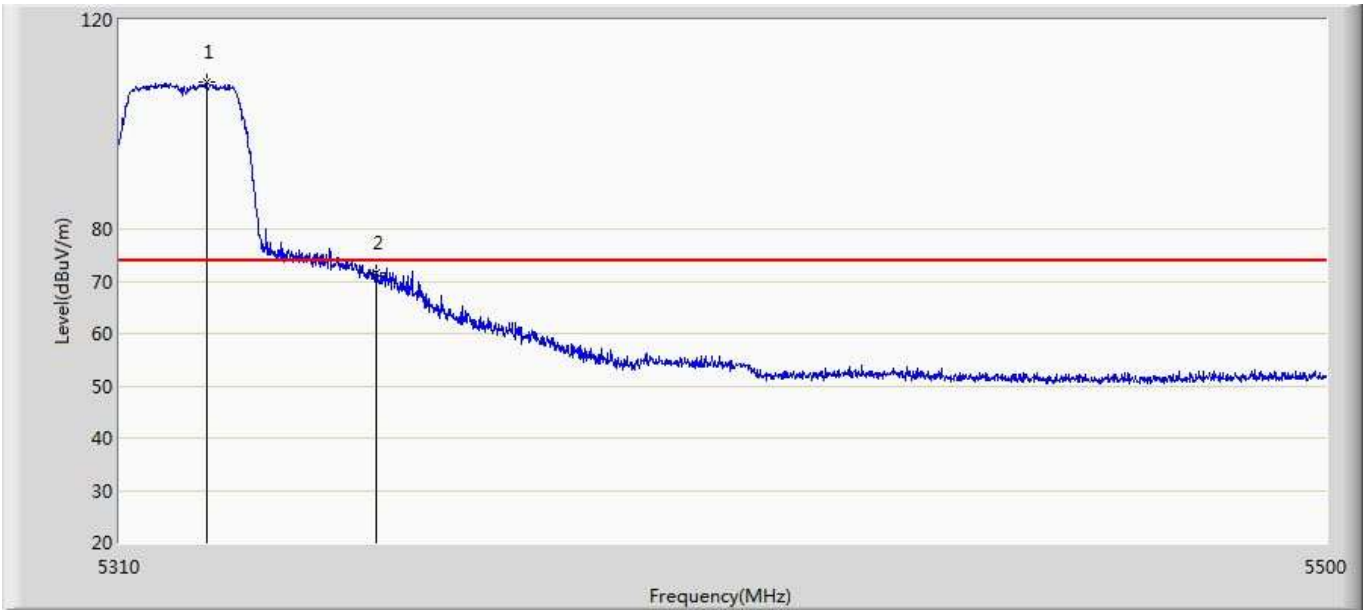
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.255	106.313	66.395	32.313	74.000	39.918	PK
2		5350.000	68.369	28.498	-5.631	74.000	39.871	PK

Profile: 17C2130R	Page No.: 13
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1	



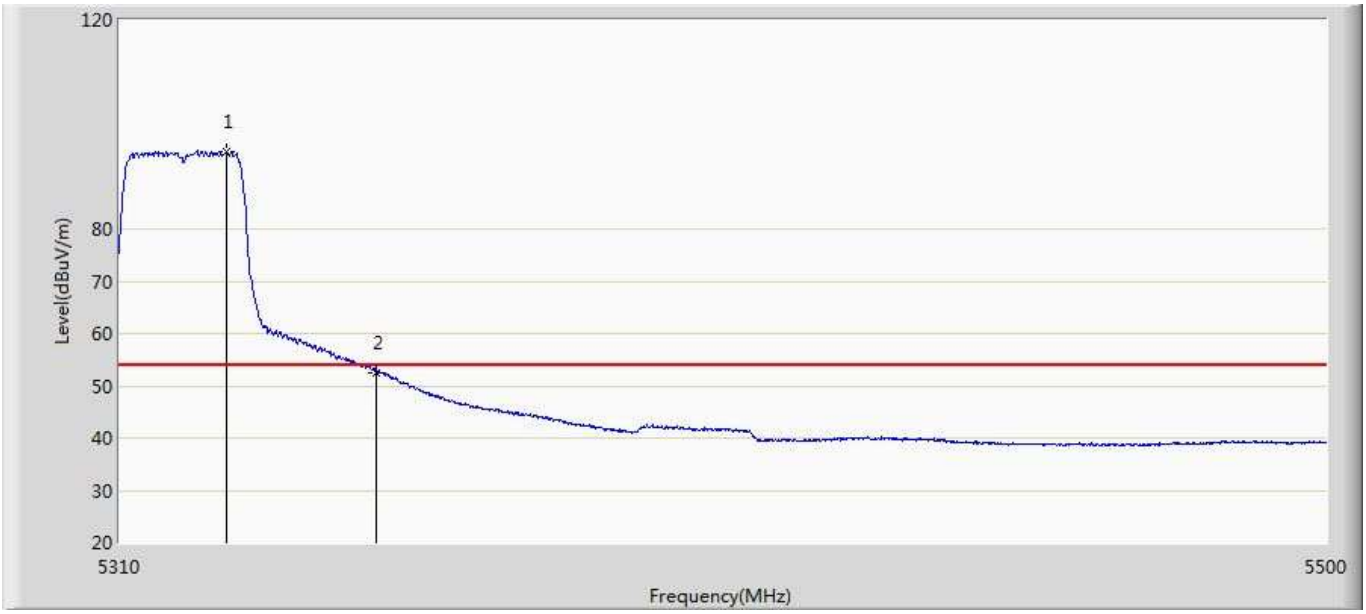
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.875	96.253	56.334	42.253	54.000	39.919	AV
2		5350.000	53.457	13.586	-0.543	54.000	39.871	AV

Profile: 17C2130R	Page No.: 14
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1	



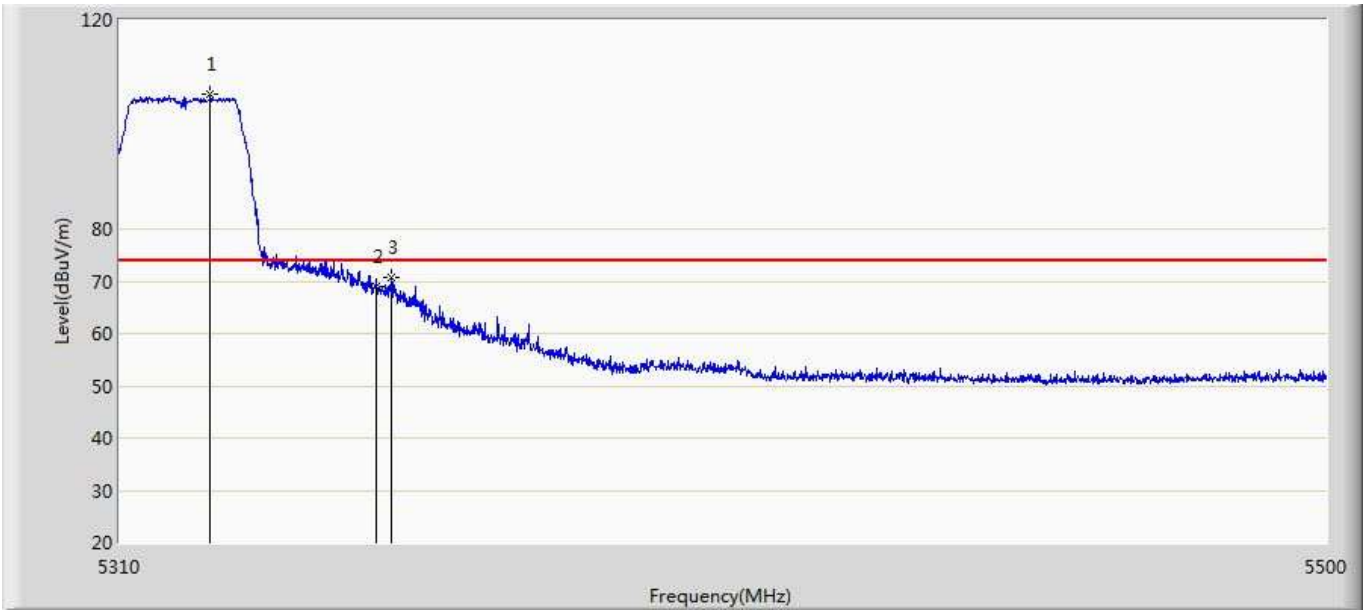
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.490	108.089	68.176	34.089	74.000	39.912	PK
2		5350.000	71.612	31.741	-2.388	74.000	39.871	PK

Profile: 17C2130R	Page No.: 15
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1	



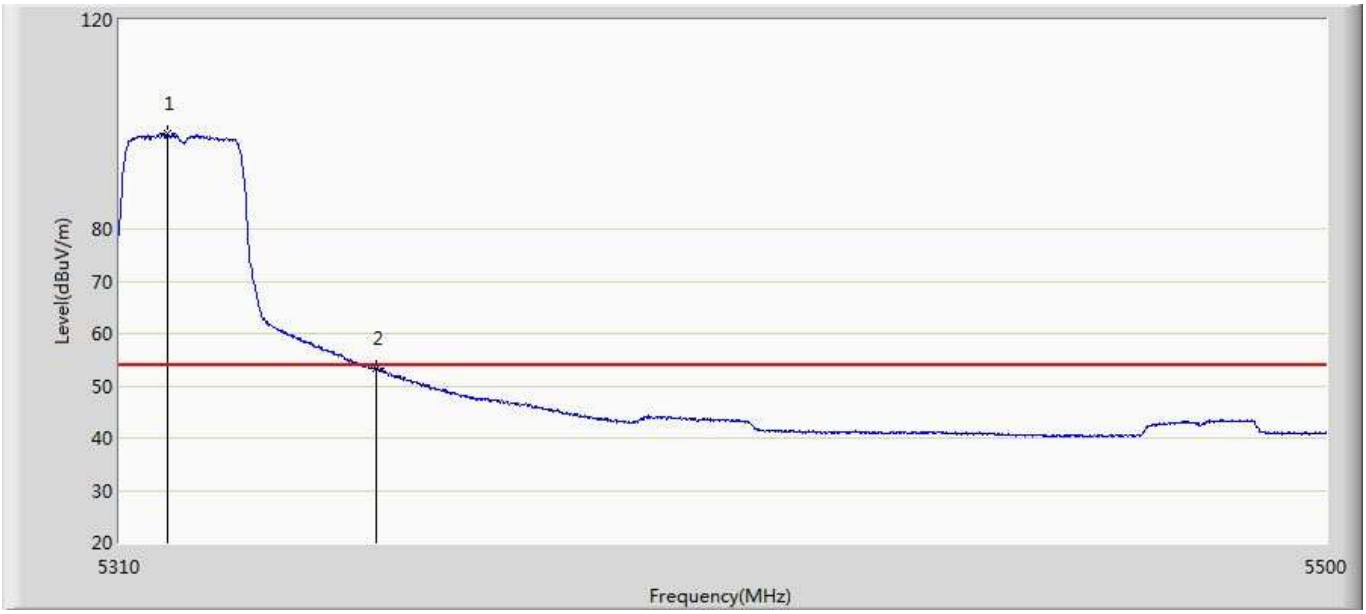
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.625	94.699	54.799	40.699	54.000	39.901	AV
2		5350.000	52.563	12.692	-1.437	54.000	39.871	AV

Profile: 17C2130R	Page No.: 16
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1	



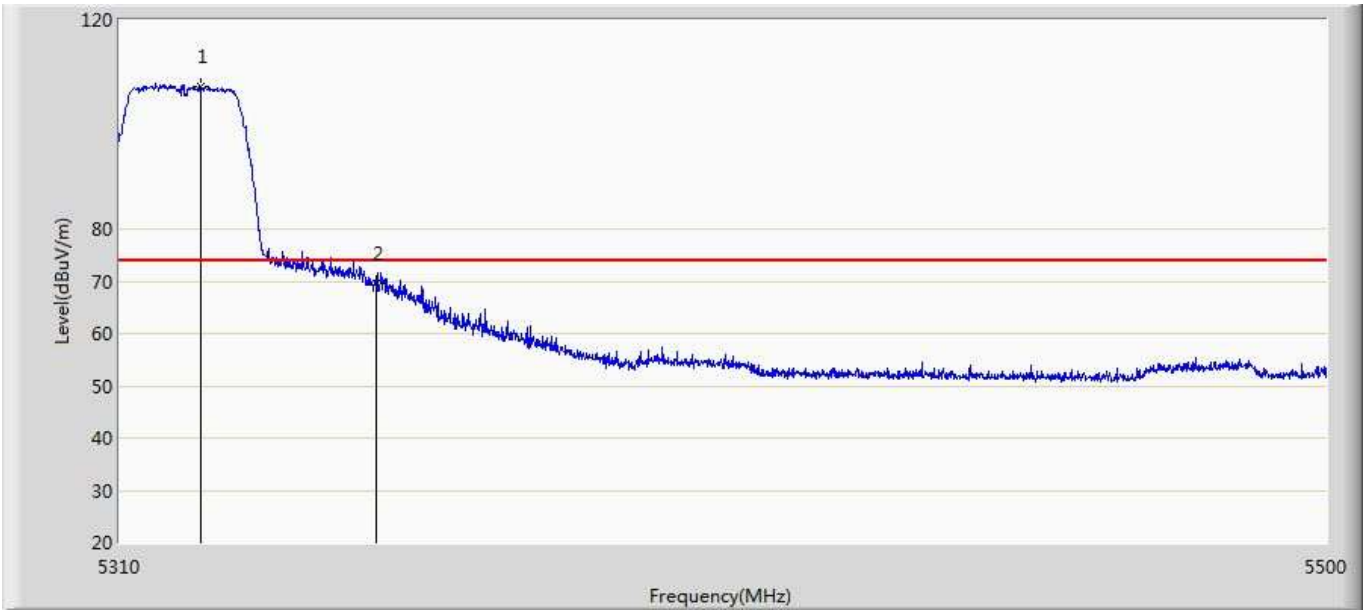
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.060	105.794	65.883	31.794	74.000	39.910	PK
2		5350.000	68.914	29.043	-5.086	74.000	39.871	PK
3		5352.275	70.862	30.990	-3.138	74.000	39.871	PK

Profile: 17C2130R	Page No.: 17
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant2	



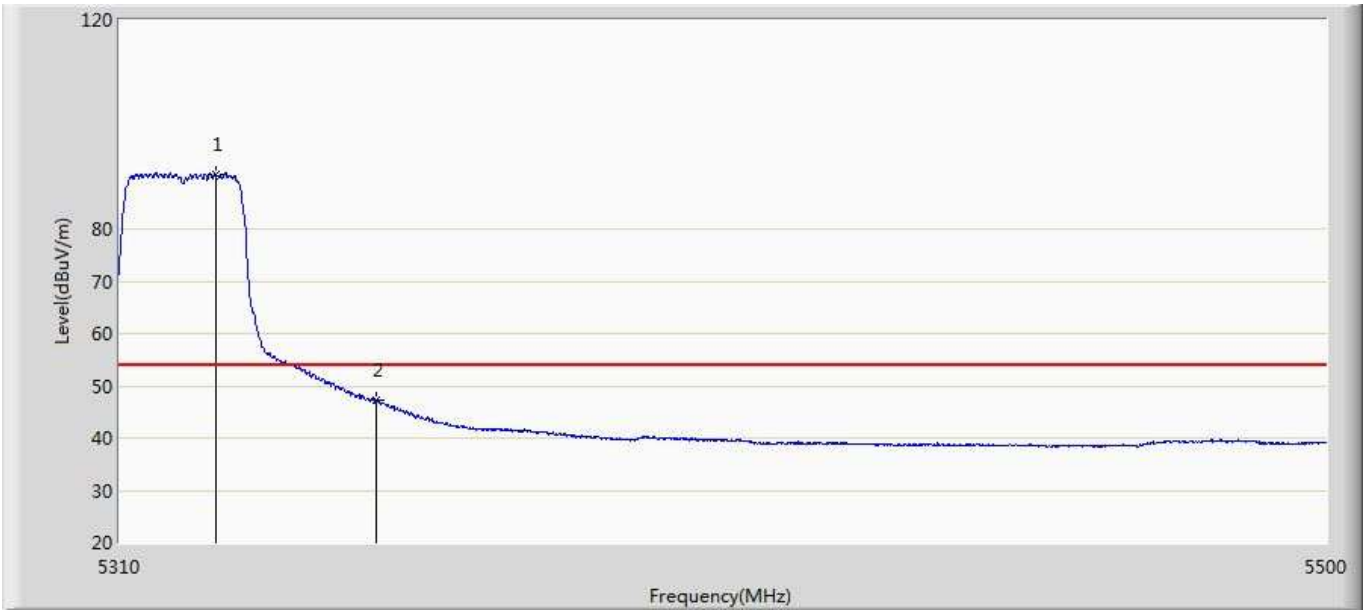
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.505	98.132	58.200	44.132	54.000	39.932	AV
2		5350.000	53.275	13.404	-0.725	54.000	39.871	AV

Profile: 17C2130R	Page No.: 18
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant2	



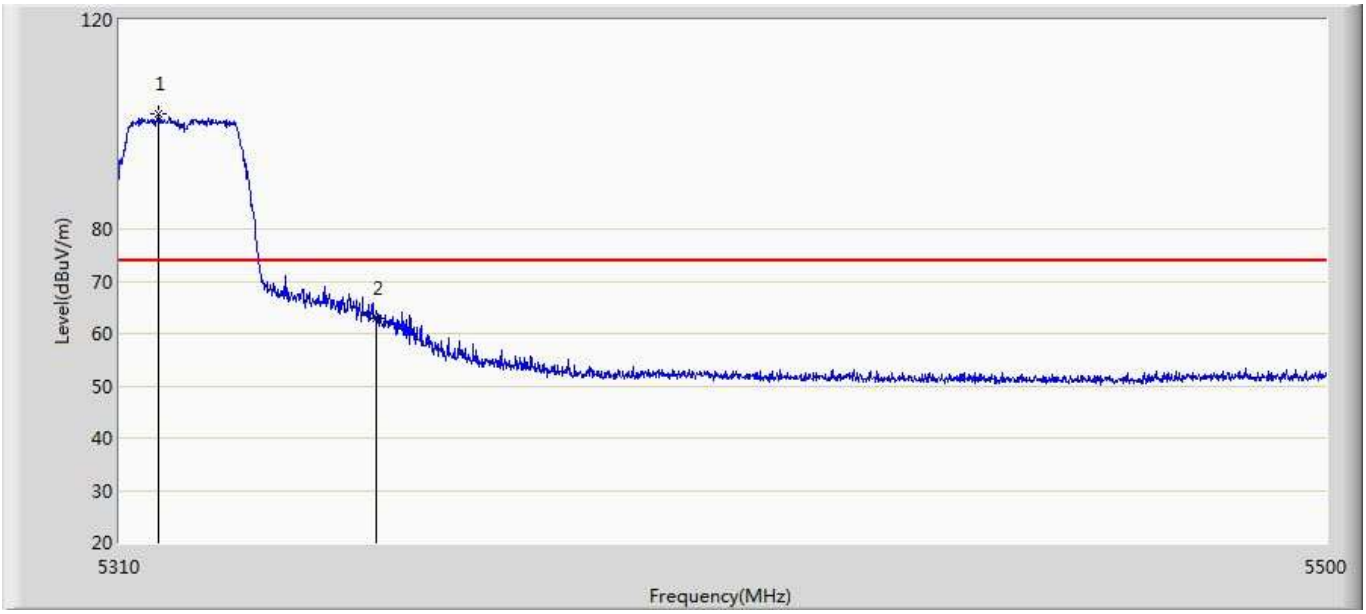
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.635	107.118	67.202	33.118	74.000	39.917	PK
2		5350.000	69.498	29.627	-4.502	74.000	39.871	PK

Profile: 17C2130R	Page No.: 19
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:49
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant2	



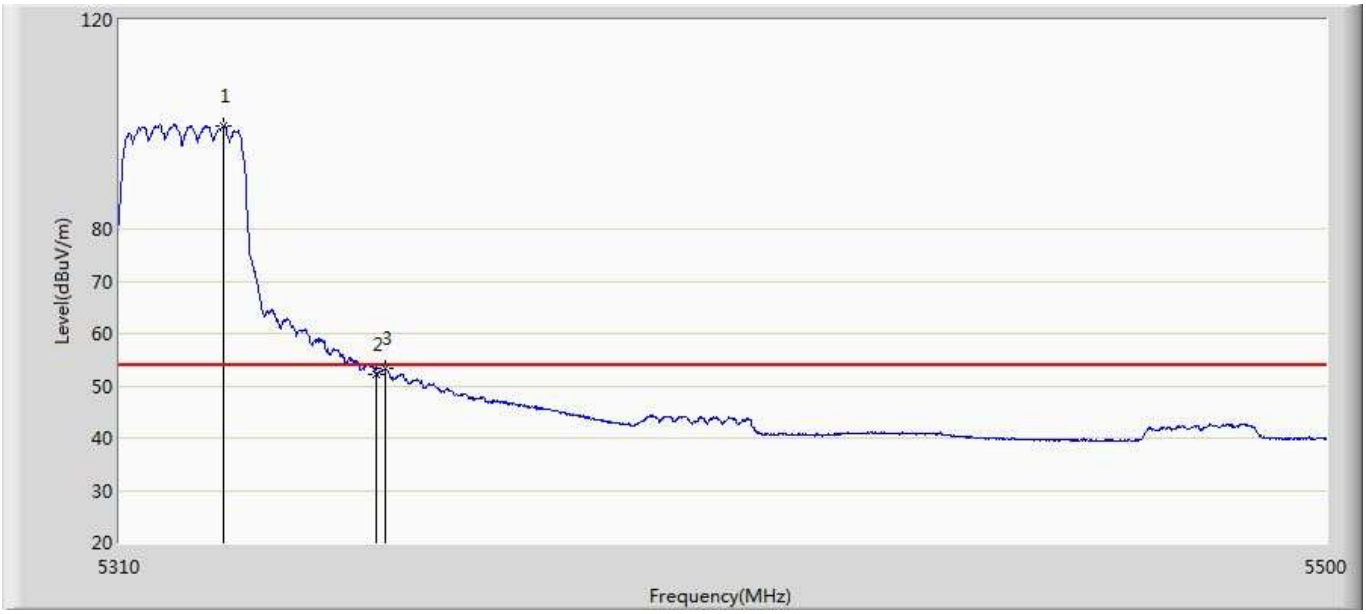
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.915	90.390	50.483	36.390	54.000	39.907	AV
2		5350.000	47.130	7.259	-6.870	54.000	39.871	AV

Profile: 17C2130R	Page No.: 20
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant2	



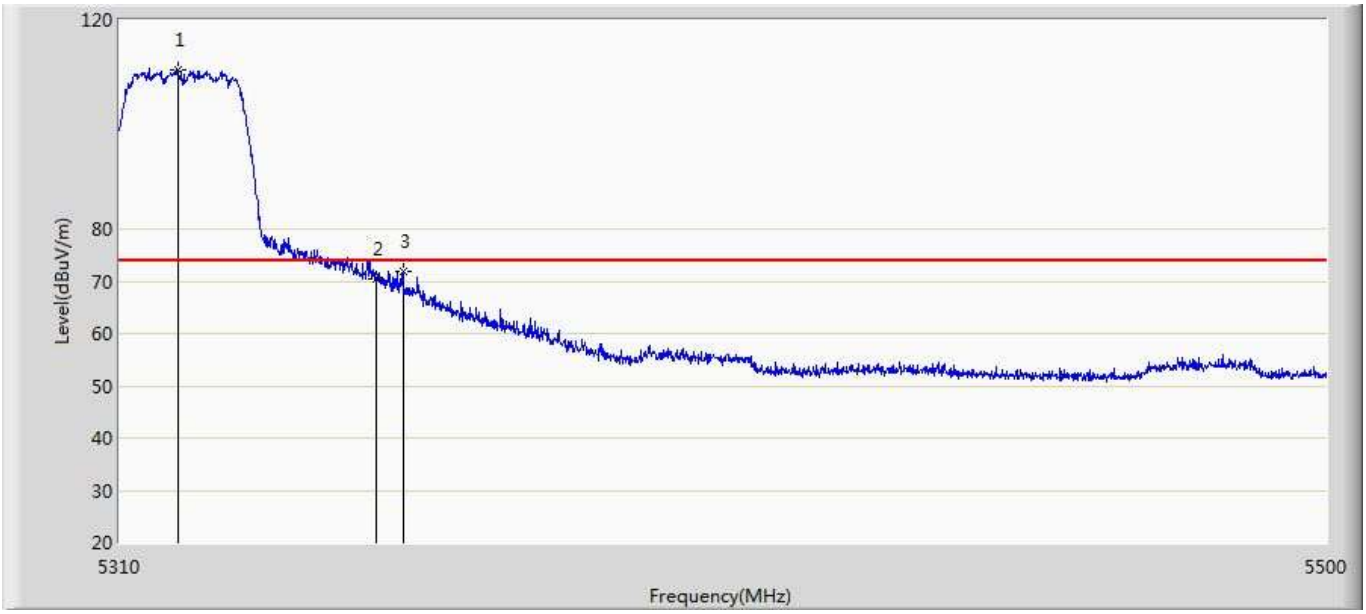
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.985	102.038	62.116	28.038	74.000	39.922	PK
2		5350.000	62.785	22.914	-11.215	74.000	39.871	PK

Profile: 17C2130R	Page No.: 21
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 10:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1+2	



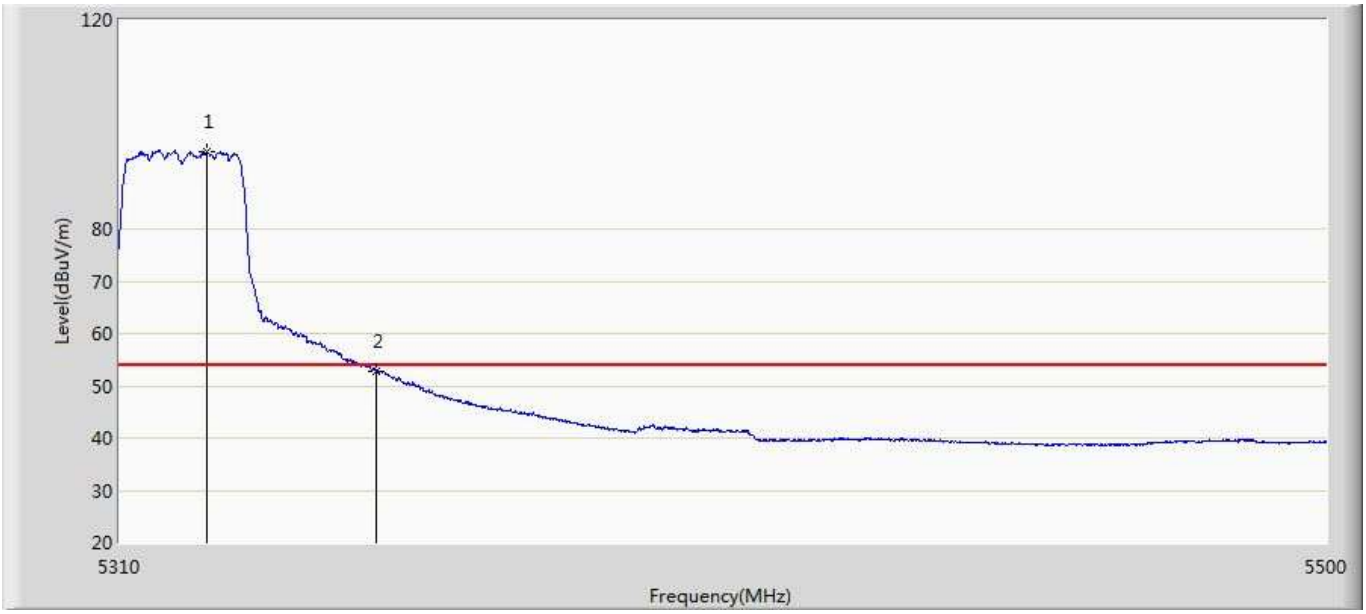
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.055	99.672	59.770	45.672	54.000	39.902	AV
2		5350.000	52.112	12.241	-1.888	54.000	39.871	AV
3		5351.325	53.190	13.319	-0.810	54.000	39.871	AV

Profile: 17C2130R	Page No.: 22
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1+2	



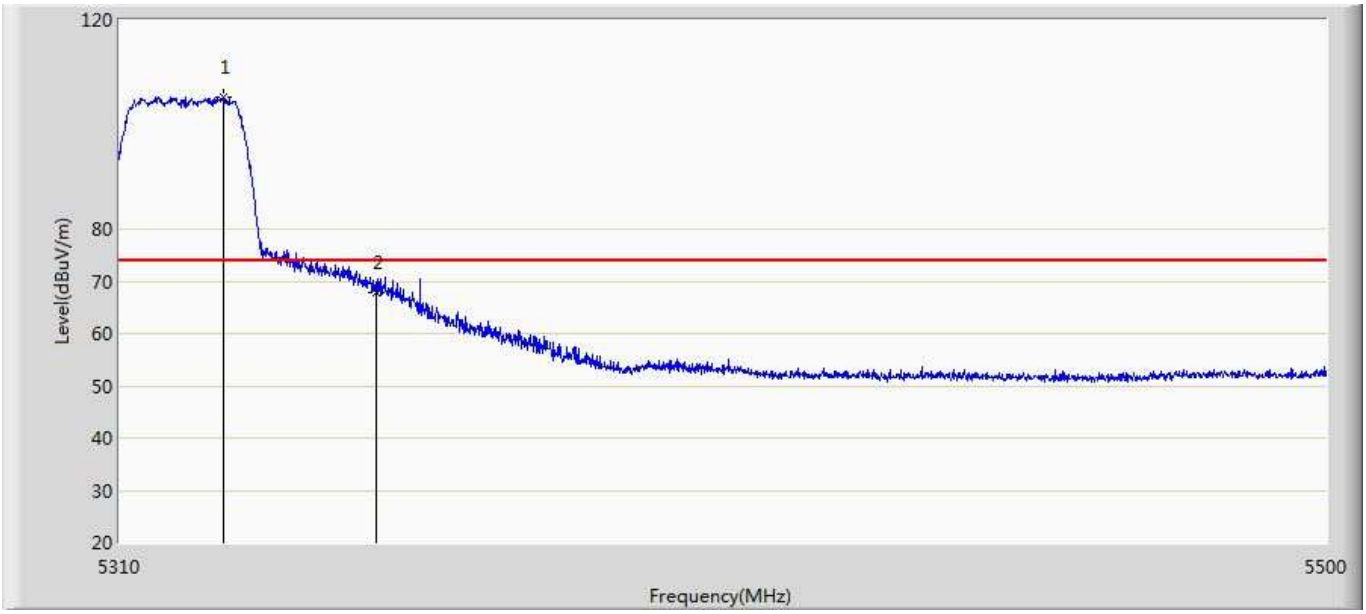
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.025	110.539	70.608	36.539	74.000	39.931	PK
2		5350.000	70.577	30.706	-3.423	74.000	39.871	PK
3		5354.080	71.870	31.995	-2.130	74.000	39.874	PK

Profile: 17C2130R	Page No.: 23
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1+2	



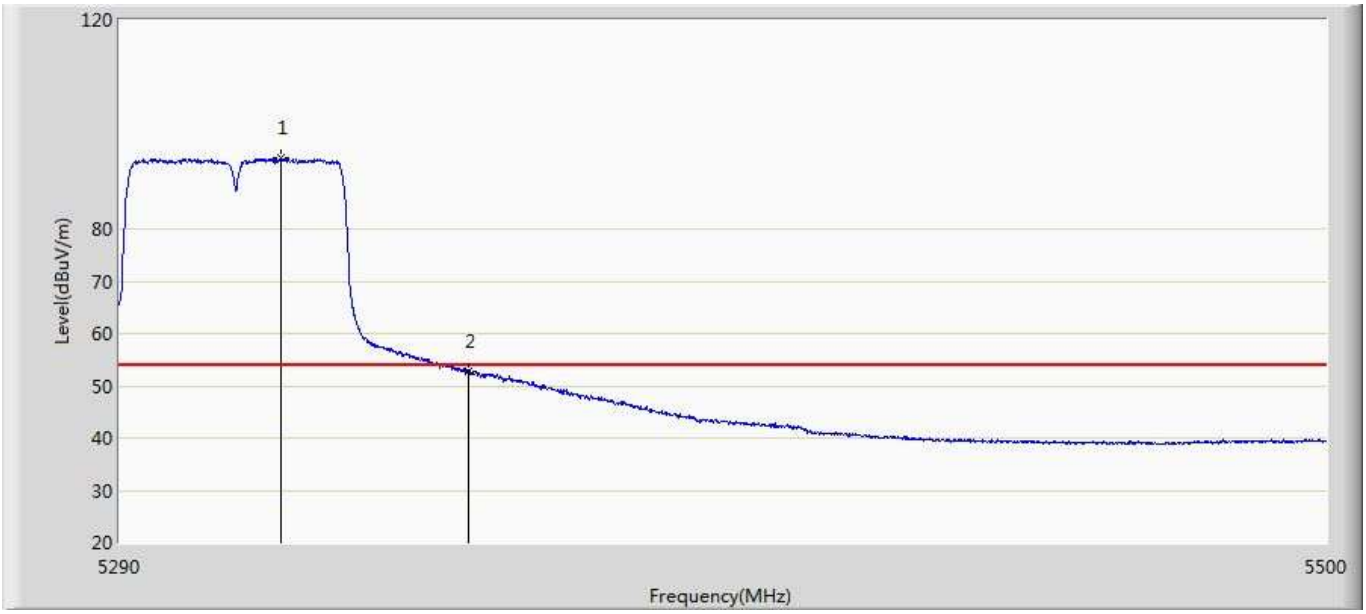
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.585	94.822	54.910	40.822	54.000	39.913	AV
2		5350.000	52.849	12.978	-1.151	54.000	39.871	AV

Profile: 17C2130R	Page No.: 24
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20 Ant1+2	



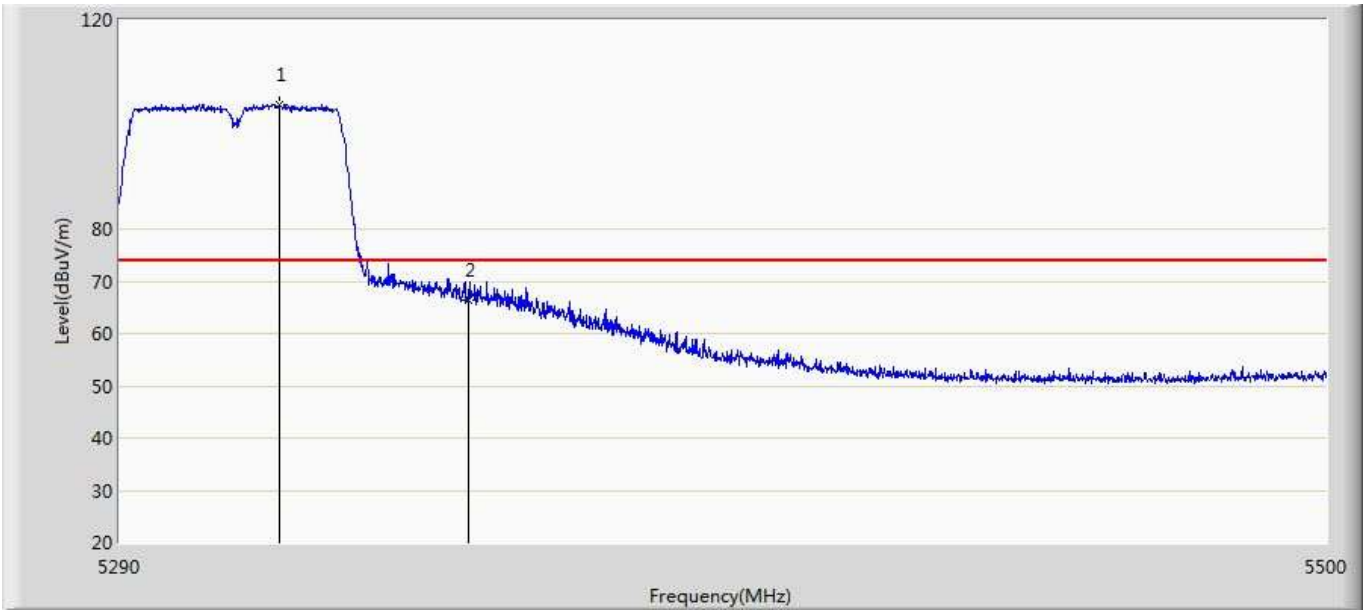
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.245	105.178	65.276	31.178	74.000	39.901	PK
2		5350.000	67.880	28.009	-6.120	74.000	39.871	PK

Profile: 17C2130R	Page No.: 37
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1	



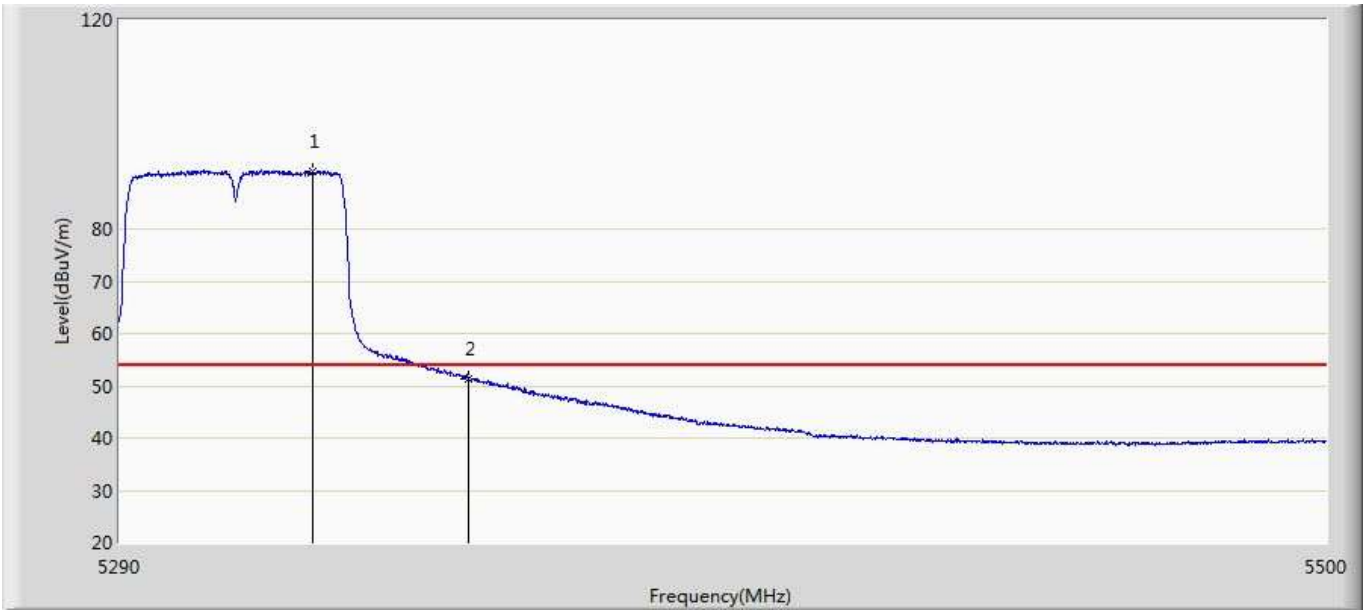
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.615	93.578	53.646	39.578	54.000	39.933	AV
2		5350.000	52.853	12.982	-1.147	54.000	39.871	AV

Profile: 17C2130R	Page No.: 38
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1	



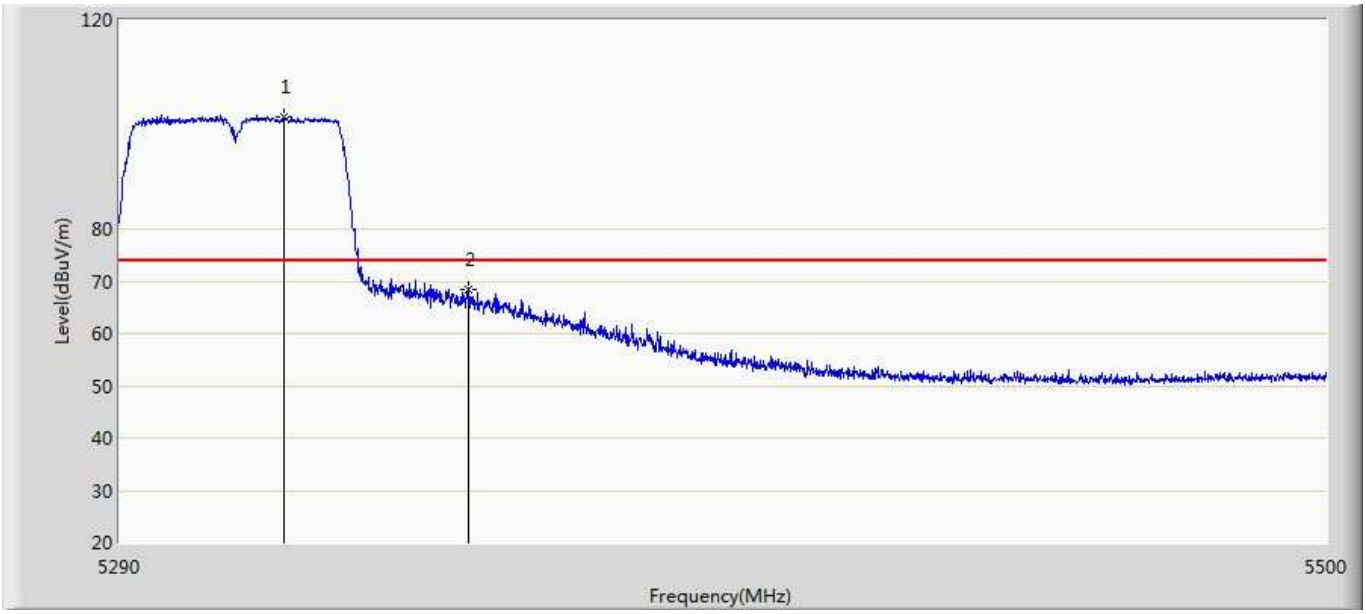
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.405	103.764	63.833	29.764	74.000	39.931	PK
2		5350.000	66.512	26.641	-7.488	74.000	39.871	PK

Profile: 17C2130R	Page No.: 39
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1	



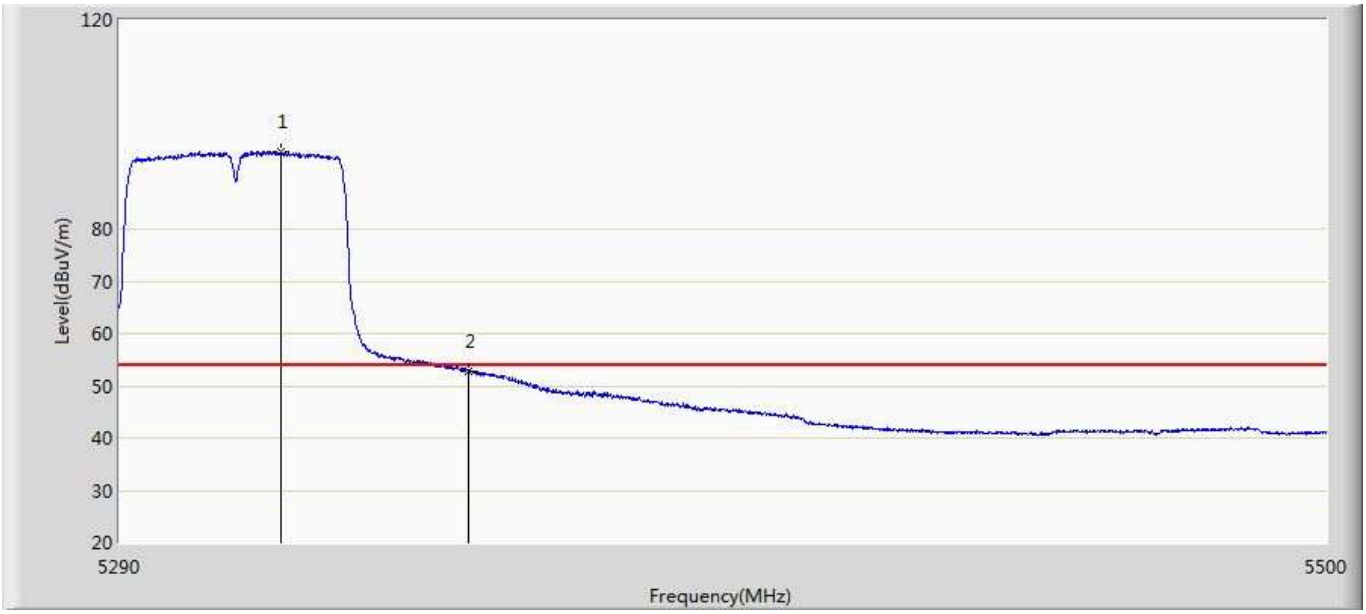
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.180	90.985	51.071	36.985	54.000	39.914	AV
2		5350.000	51.329	11.458	-2.671	54.000	39.871	AV

Profile: 17C2130R	Page No.: 40
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1	



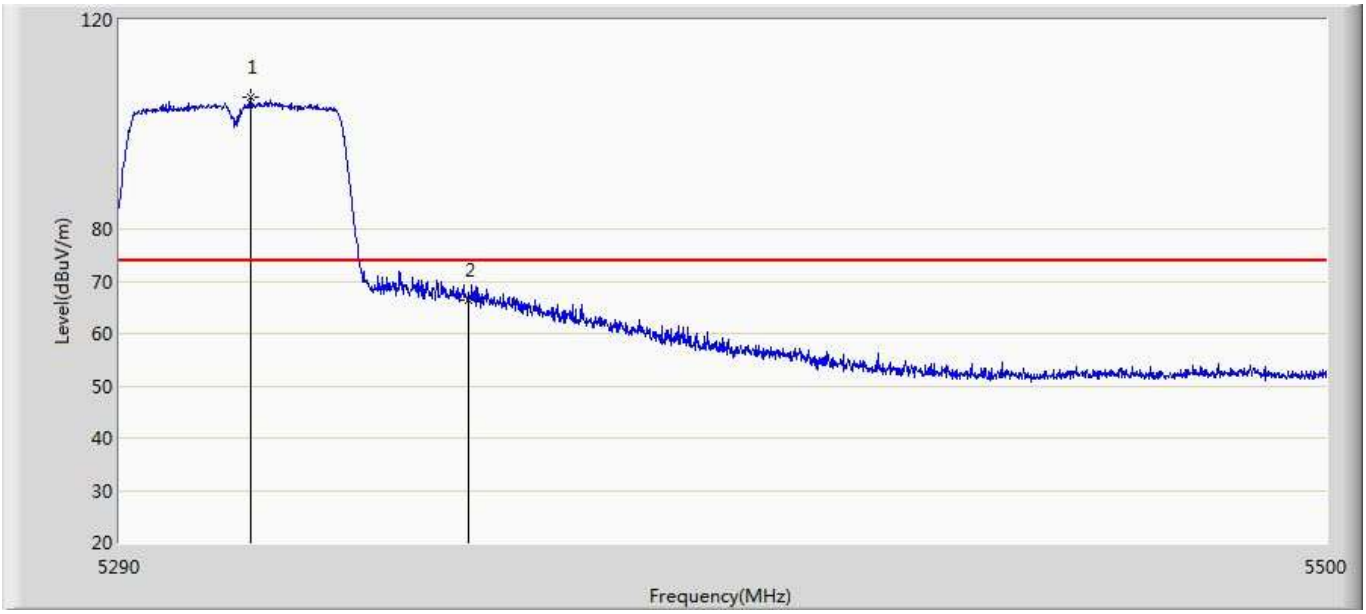
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.140	101.547	61.613	27.547	74.000	39.934	PK
2		5350.000	68.532	28.661	-5.468	74.000	39.871	PK

Profile: 17C2130R	Page No.: 41
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant2	



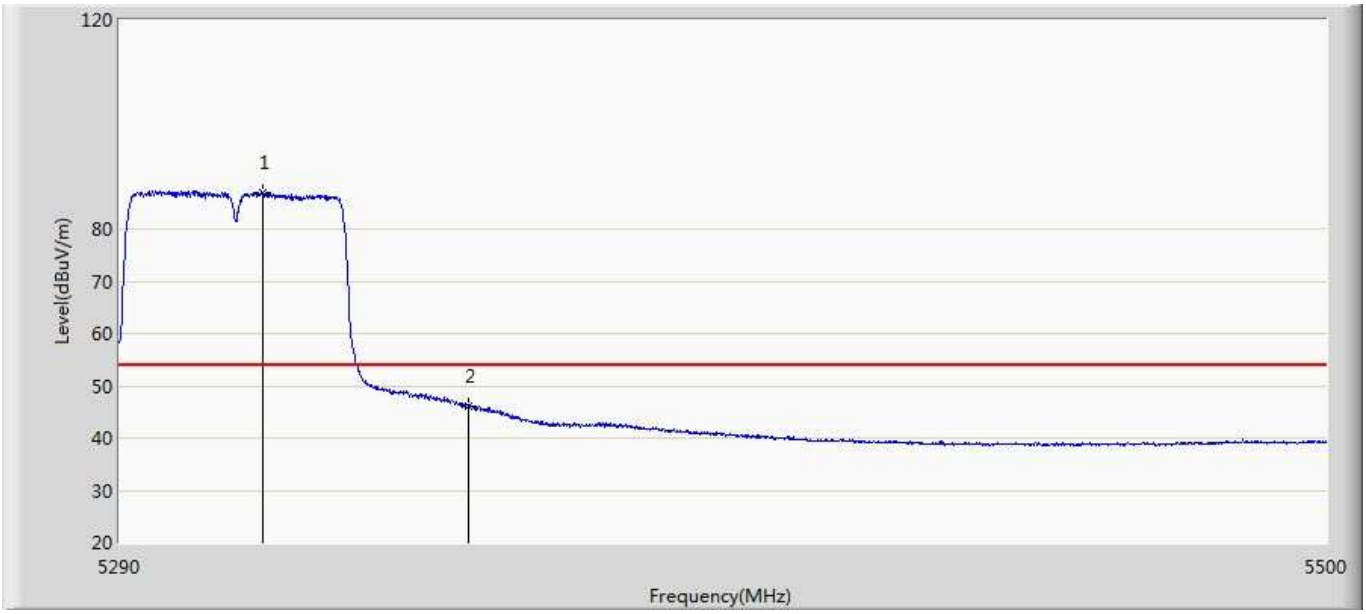
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.720	94.721	54.788	40.721	54.000	39.933	AV
2		5350.000	52.762	12.891	-1.238	54.000	39.871	AV

Profile: 17C2130R	Page No.: 42
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant2	



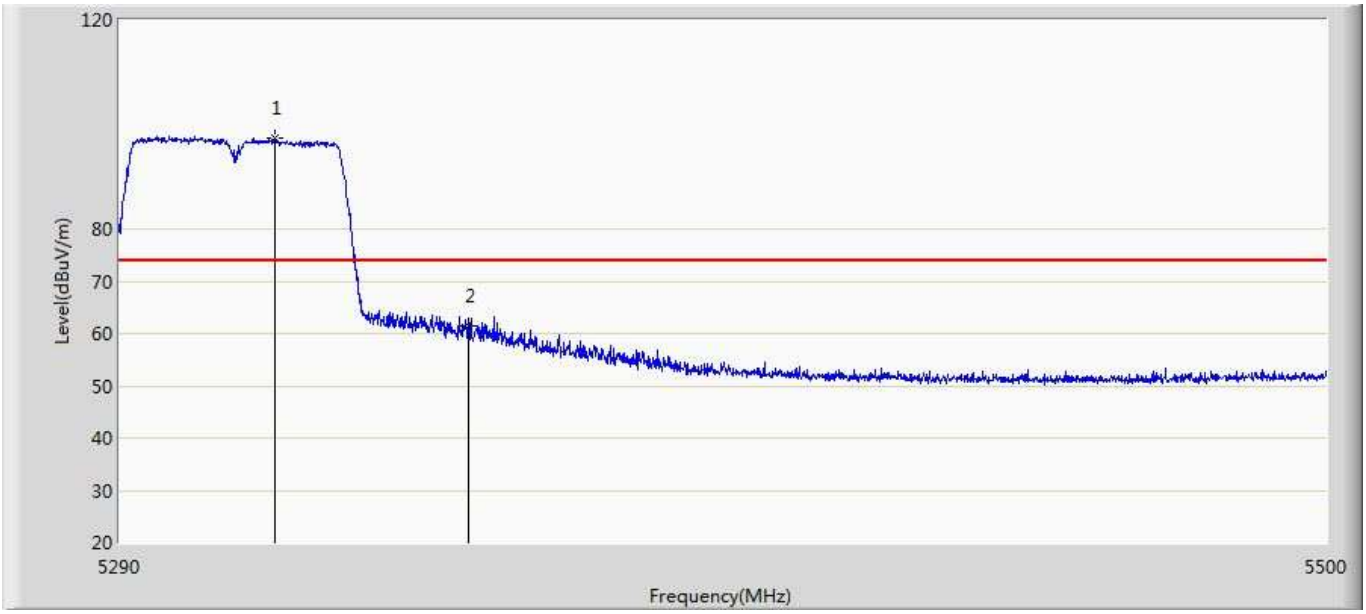
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.470	105.149	65.250	31.149	74.000	39.898	PK
2		5350.000	66.338	26.467	-7.662	74.000	39.871	PK

Profile: 17C2130R	Page No.: 43
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant2	



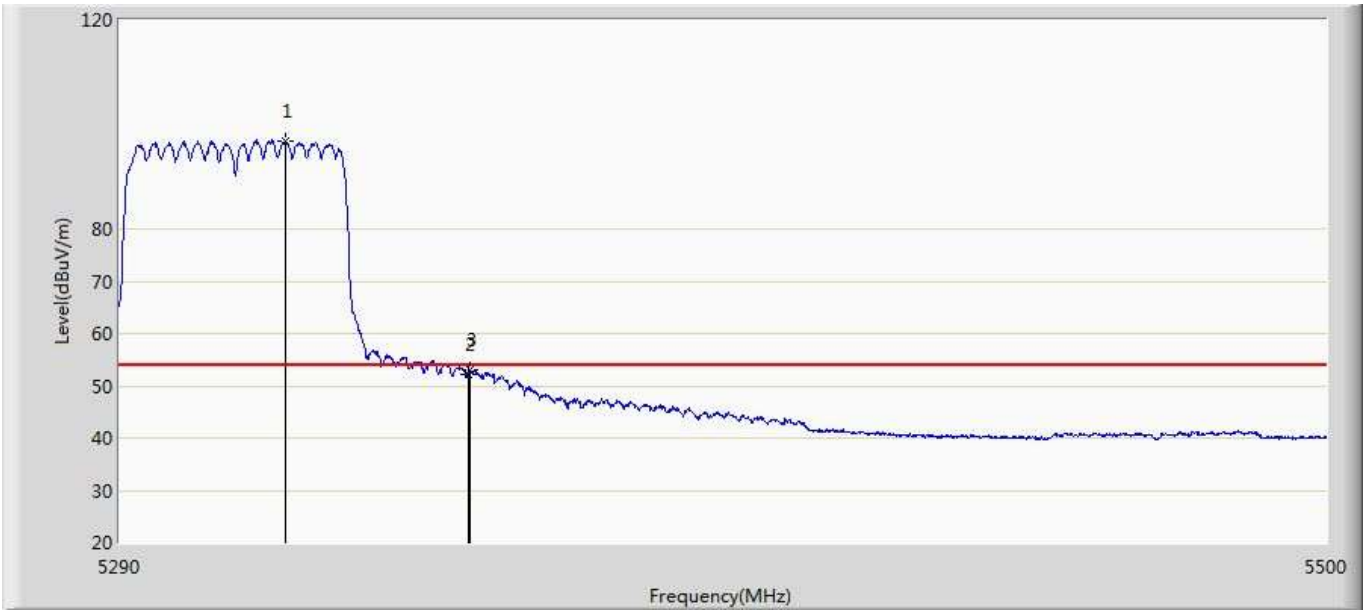
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5314.570	86.937	47.025	32.937	54.000	39.913	AV
2		5350.000	46.044	6.173	-7.956	54.000	39.871	AV

Profile: 17C2130R	Page No.: 44
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant2	



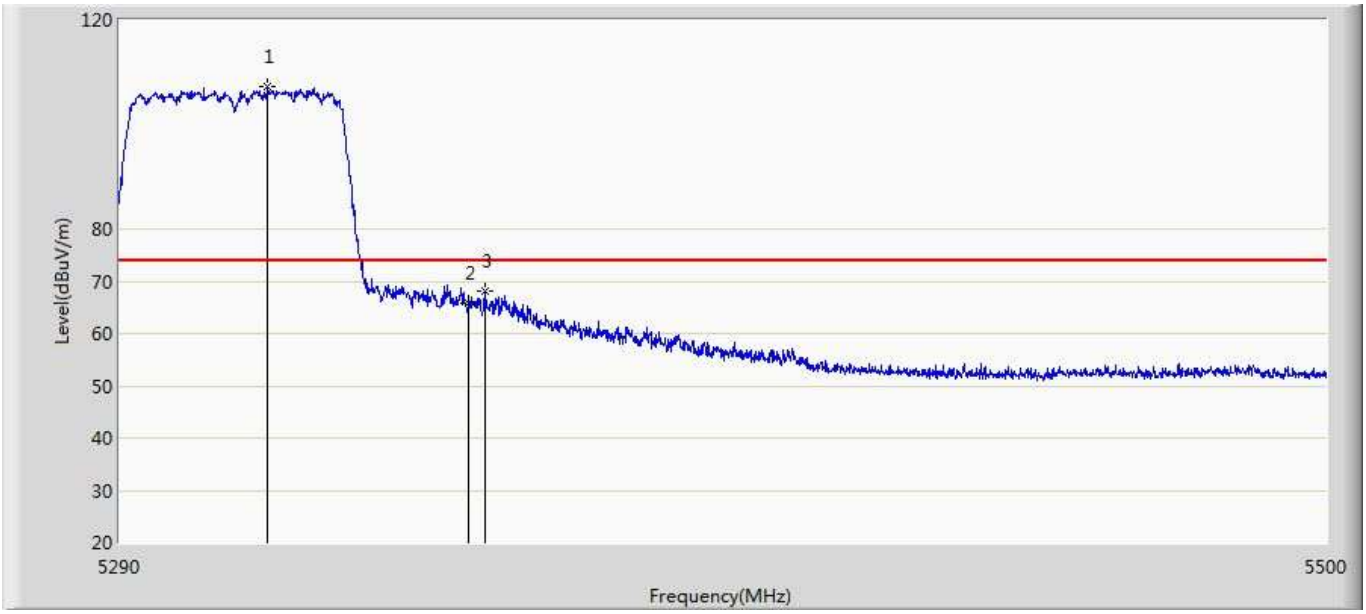
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.670	97.348	57.422	23.348	74.000	39.926	PK
2		5350.000	61.333	21.462	-12.667	74.000	39.871	PK

Profile: 17C2130R	Page No.: 45
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1+2	



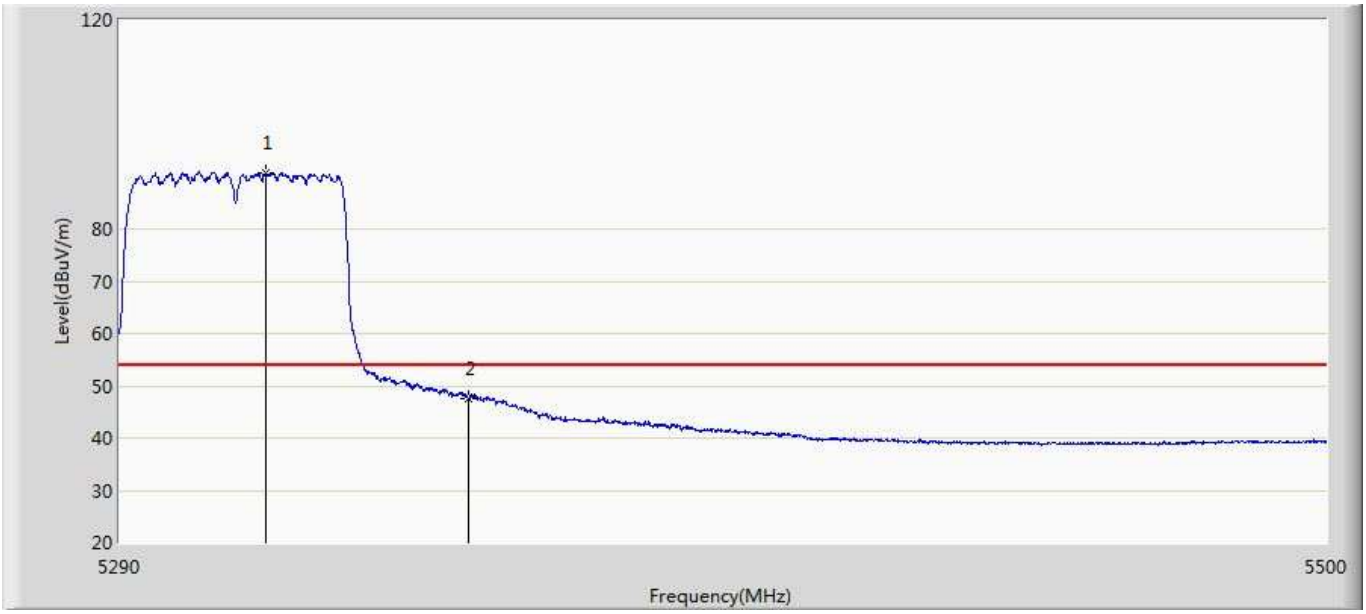
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.560	96.875	56.942	42.875	54.000	39.933	AV
2		5350.000	52.193	12.322	-1.807	54.000	39.871	AV
3		5350.165	52.993	13.122	-1.007	54.000	39.871	AV

Profile: 17C2130R	Page No.: 46
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1+2	



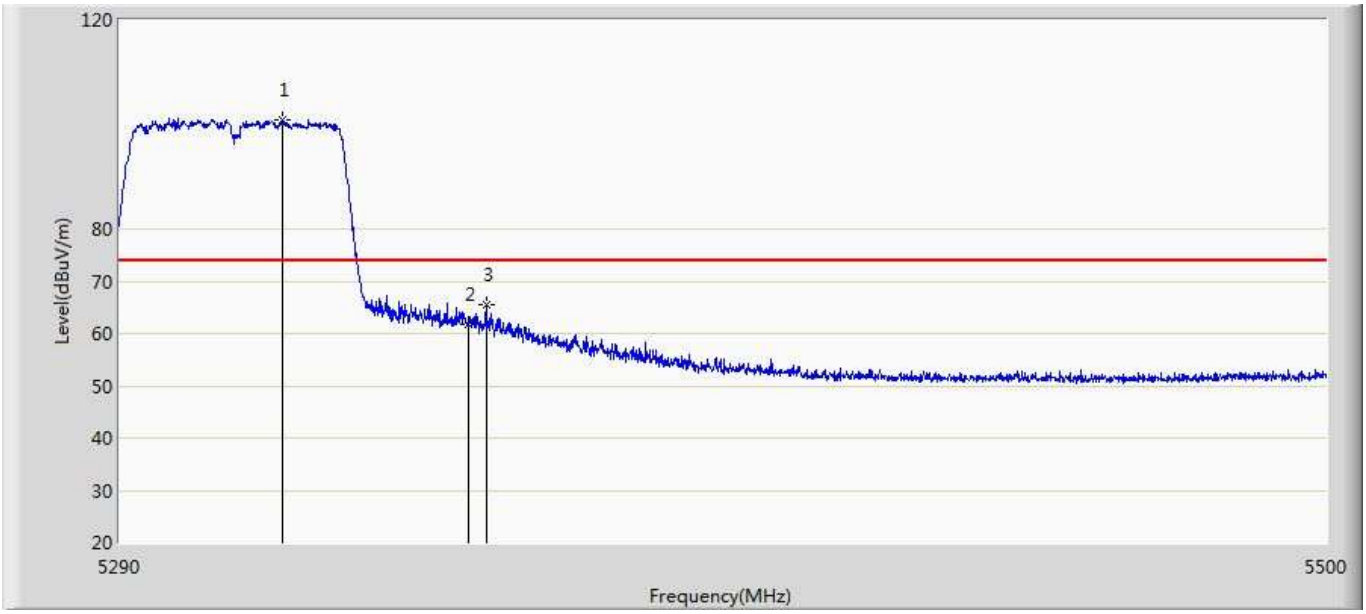
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.410	107.116	67.198	33.116	74.000	39.917	PK
2		5350.000	65.877	26.006	-8.123	74.000	39.871	PK
3		5352.895	68.258	28.385	-5.742	74.000	39.873	PK

Profile: 17C2130R	Page No.: 47
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:15
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1+2	



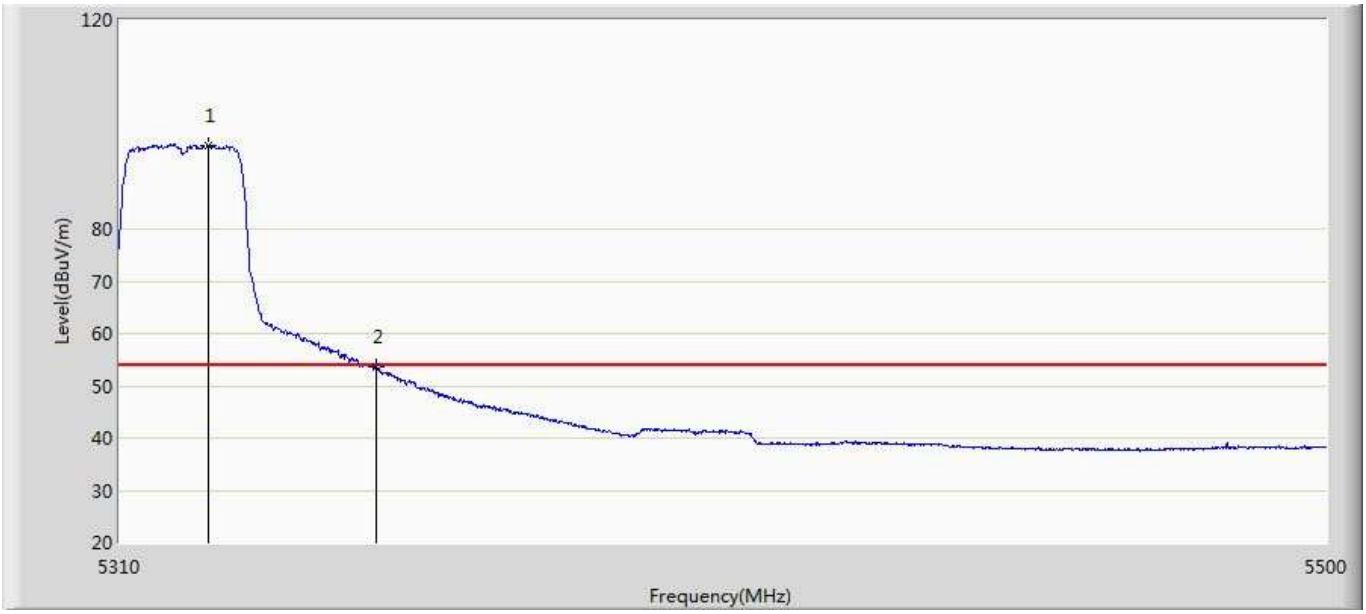
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.095	90.800	50.884	36.800	54.000	39.916	AV
2		5350.000	47.576	7.705	-6.424	54.000	39.871	AV

Profile: 17C2130R	Page No.: 48
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40 Ant1+2	



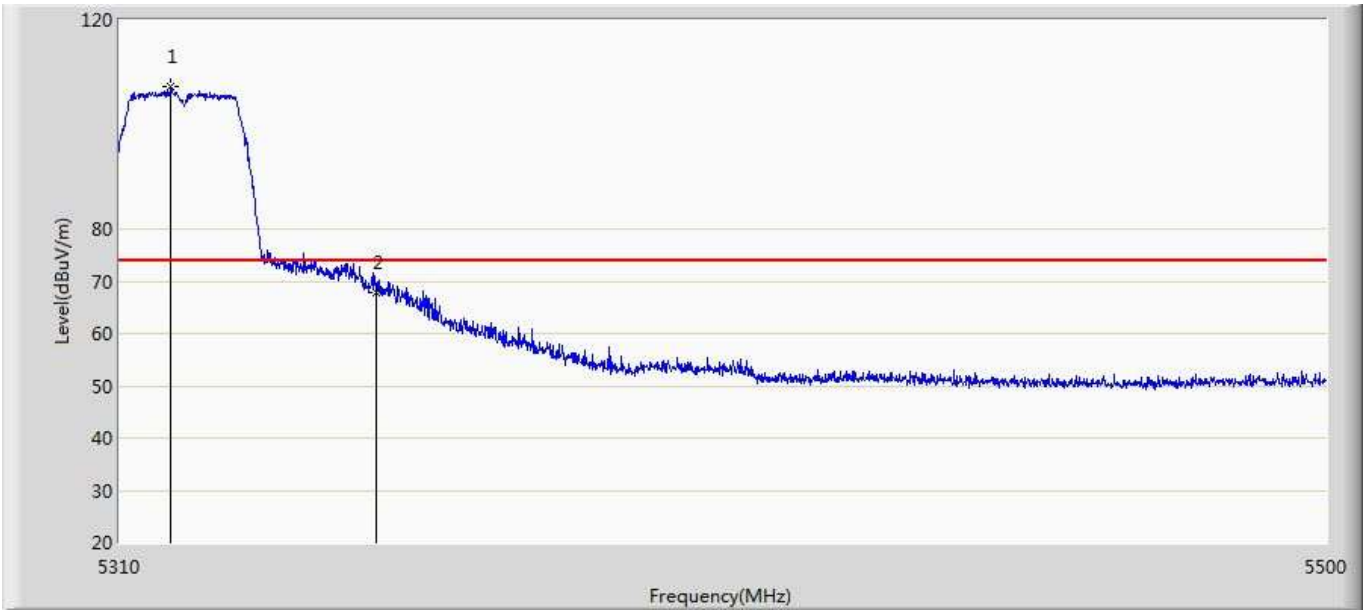
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.825	100.942	61.008	26.942	74.000	39.934	PK
2		5350.000	61.844	21.973	-12.156	74.000	39.871	PK
3		5353.000	65.472	25.599	-8.528	74.000	39.873	PK

Profile: 17C2130R	Page No.: 25
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1	



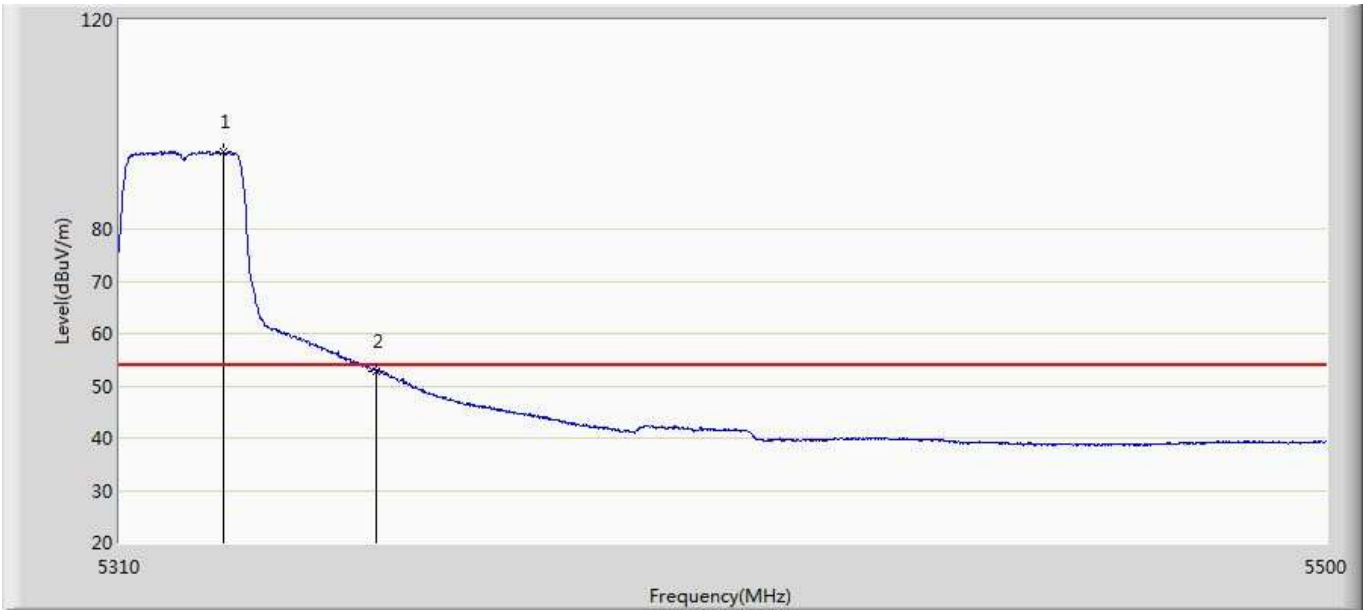
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.775	96.005	56.093	42.005	54.000	39.912	AV
2		5350.000	53.487	13.616	-0.513	54.000	39.871	AV

Profile: 17C2130R	Page No.: 26
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1	



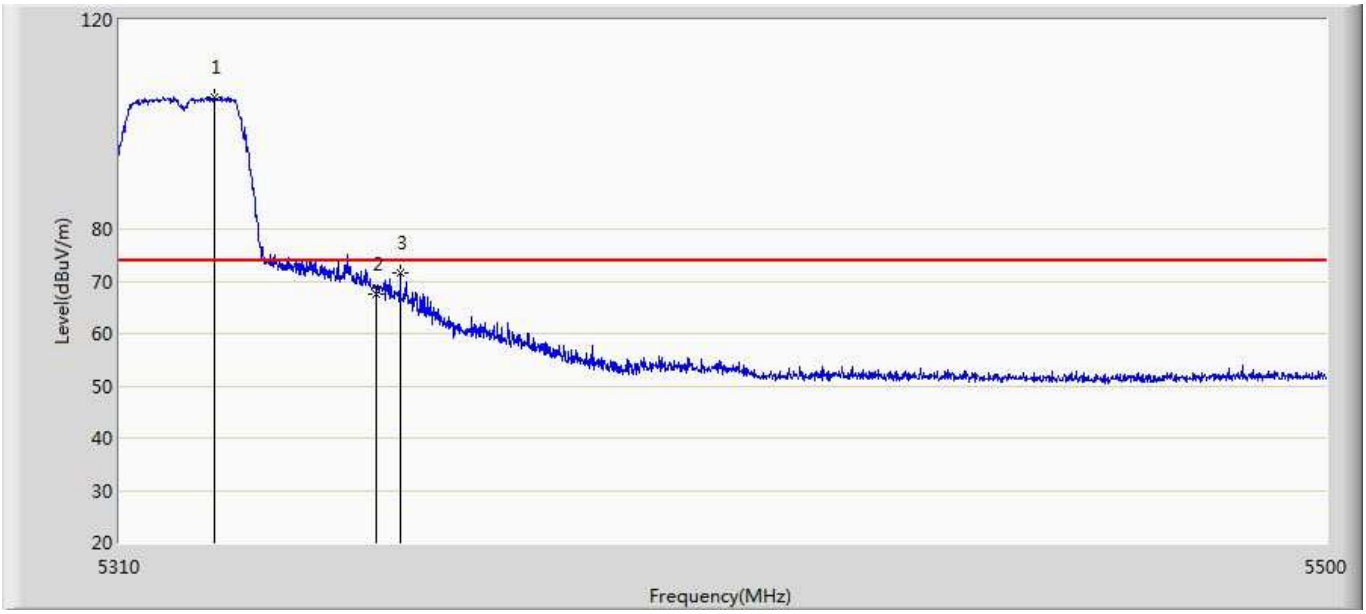
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.075	107.240	67.305	33.240	74.000	39.935	PK
2		5350.000	67.945	28.074	-6.055	74.000	39.871	PK

Profile: 17C2130R	Page No.: 27
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1	



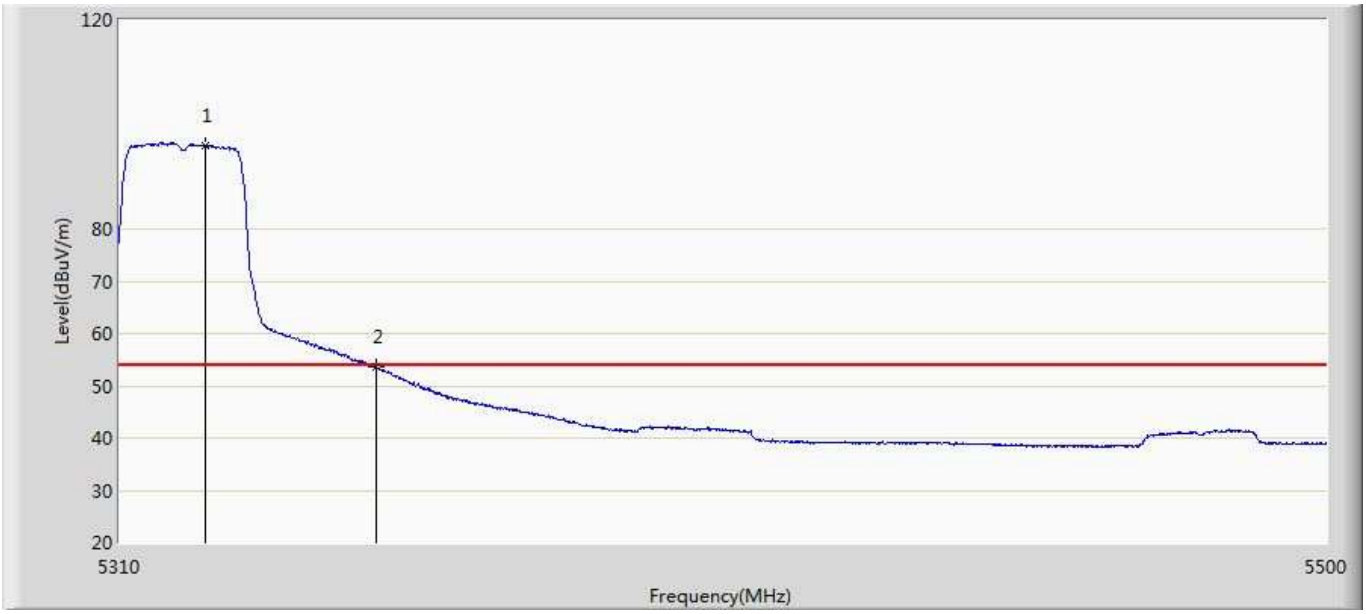
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.245	94.740	54.838	40.740	54.000	39.901	AV
2		5350.000	52.610	12.739	-1.390	54.000	39.871	AV

Profile: 17C2130R	Page No.: 28
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:33
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1	



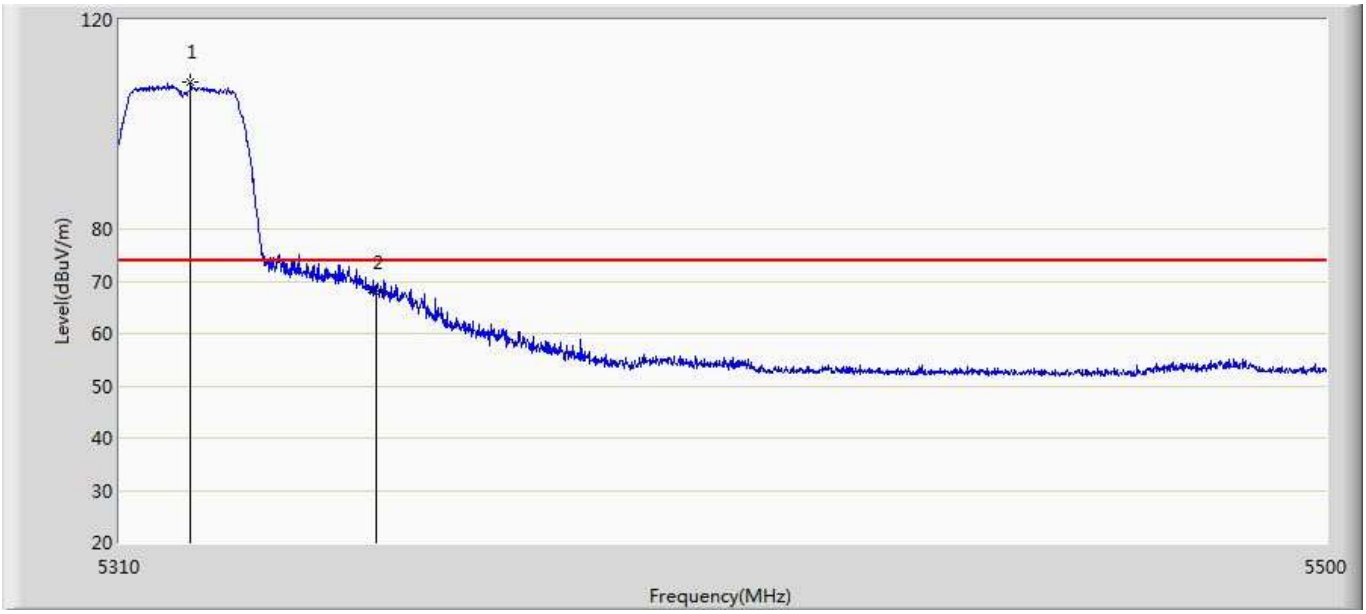
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.725	105.294	65.386	31.294	74.000	39.908	PK
2		5350.000	67.661	27.790	-6.339	74.000	39.871	PK
3		5353.700	71.474	31.600	-2.526	74.000	39.874	PK

Profile: 17C2130R	Page No.: 29
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:47
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant2	



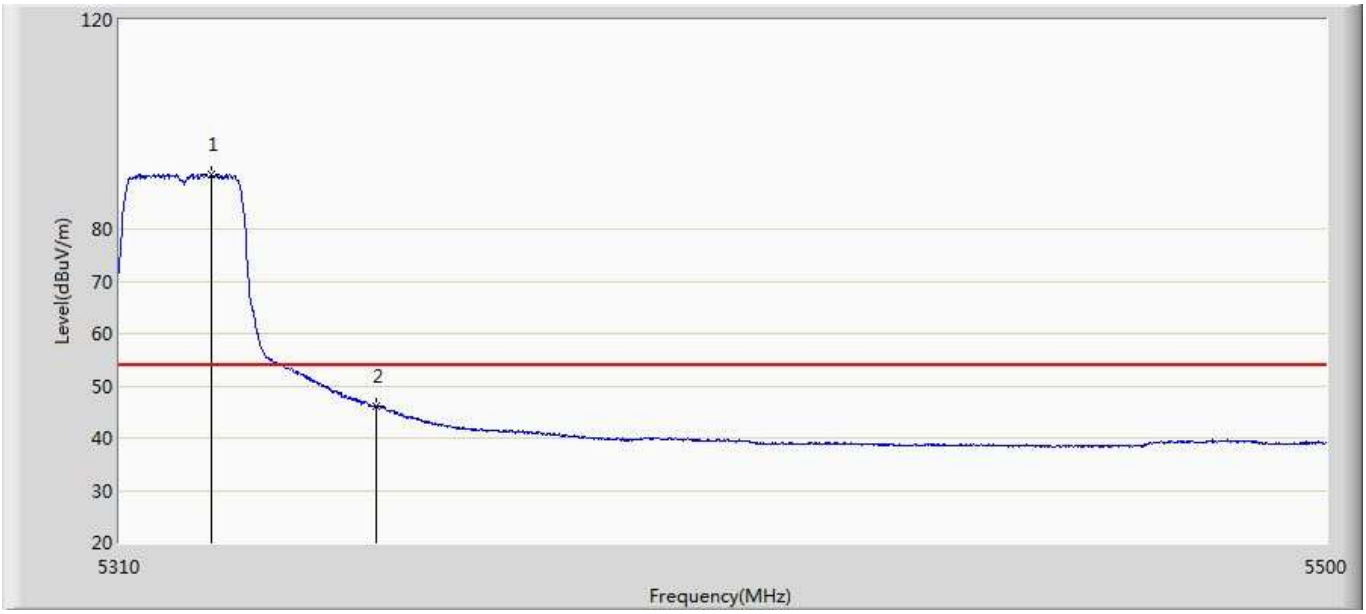
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.395	95.972	56.059	41.972	54.000	39.913	AV
2		5350.000	53.560	13.689	-0.440	54.000	39.871	AV

Profile: 17C2130R	Page No.: 30
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 11:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant2	



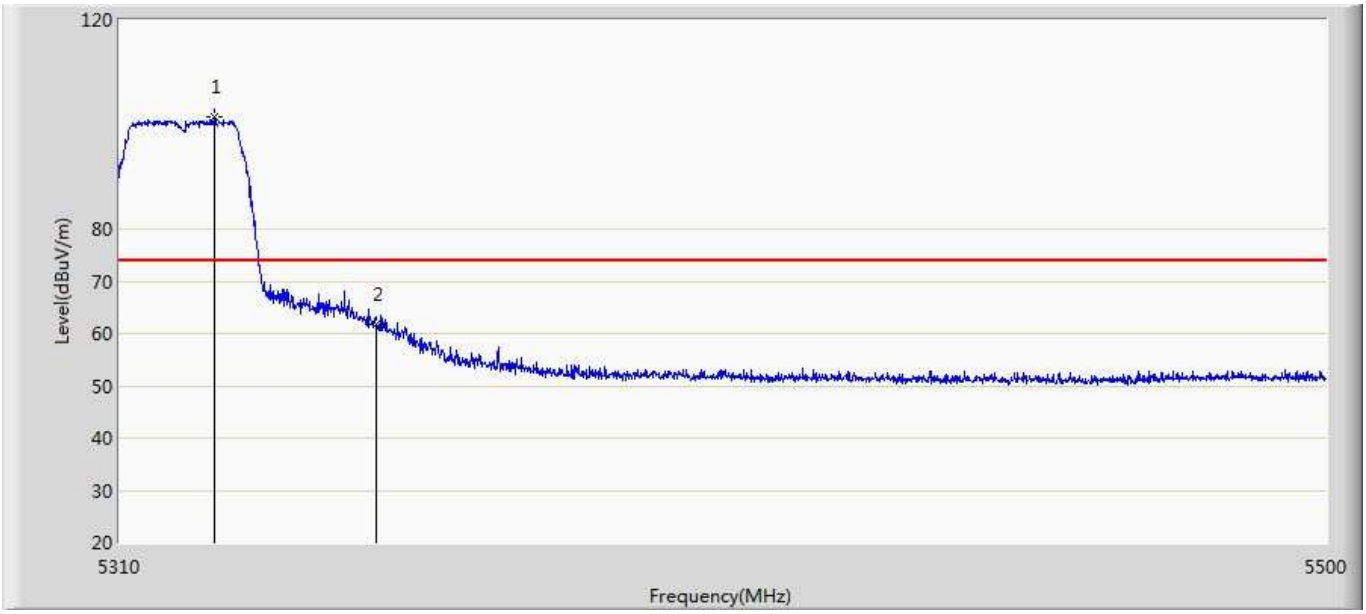
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.115	108.093	68.171	34.093	74.000	39.922	PK
2		5350.000	67.805	27.934	-6.195	74.000	39.871	PK

Profile: 17C2130R	Page No.: 31
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant2	



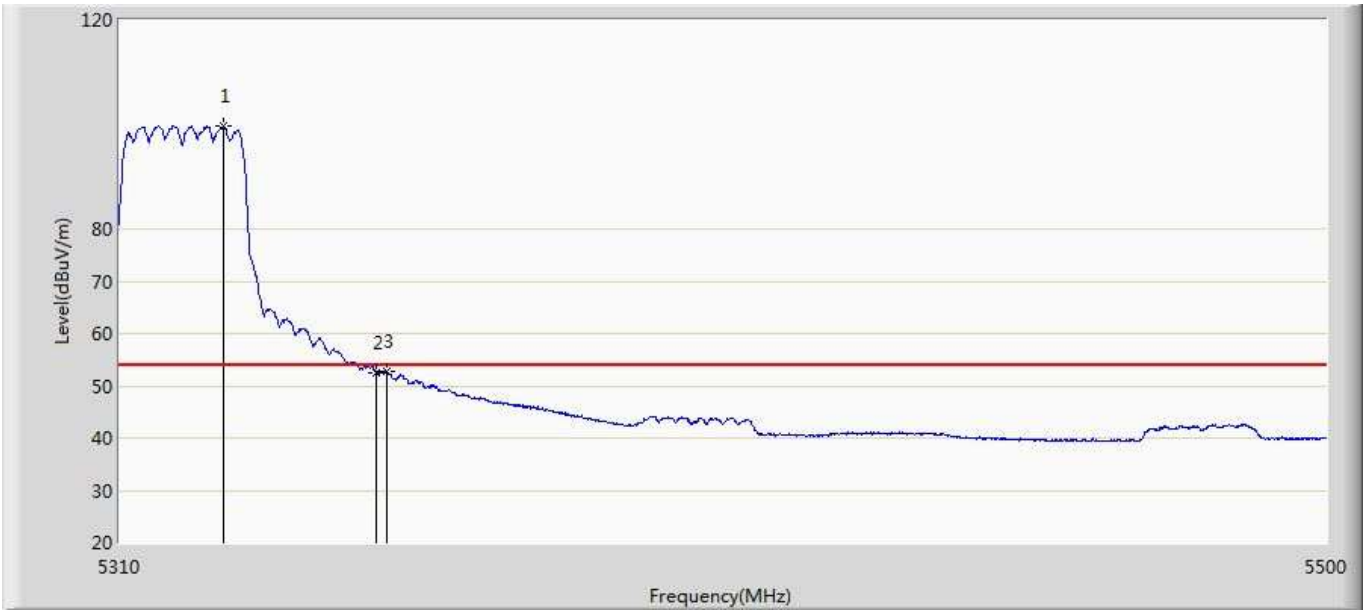
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.250	90.379	50.469	36.379	54.000	39.910	AV
2		5350.000	45.992	6.121	-8.008	54.000	39.871	AV

Profile: 17C2130R	Page No.: 32
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:22
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant2	



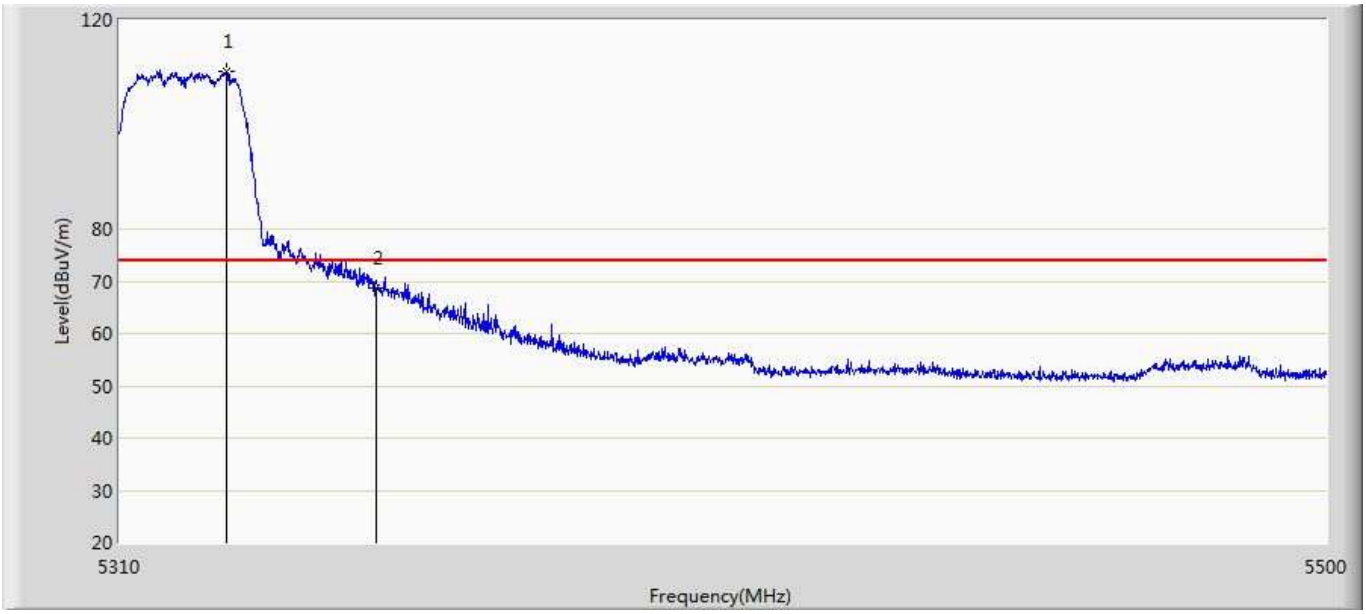
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.820	101.345	61.438	27.345	74.000	39.908	PK
2		5350.000	61.710	21.839	-12.290	74.000	39.871	PK

Profile: 17C2130R	Page No.: 33
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1+2	



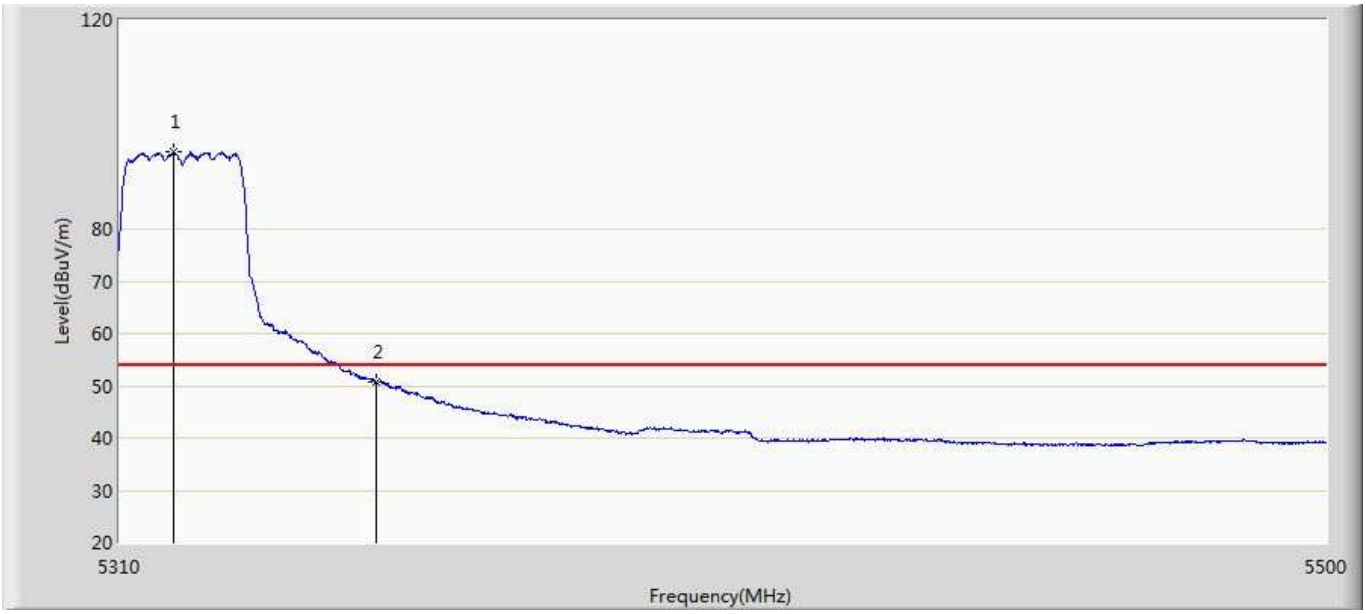
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.150	99.664	59.762	45.664	54.000	39.902	AV
2		5350.000	52.440	12.569	-1.560	54.000	39.871	AV
3		5351.515	52.760	12.889	-1.240	54.000	39.872	AV

Profile: 17C2130R	Page No.: 34
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1+2	



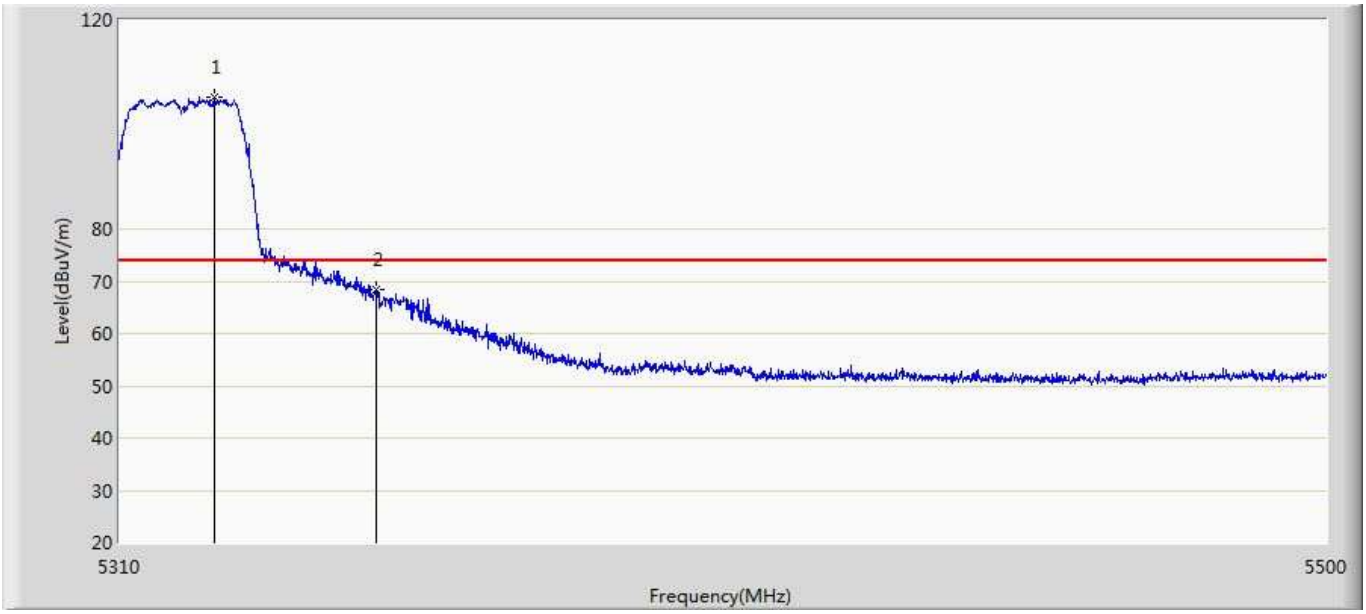
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5326.530	110.138	70.237	36.138	74.000	39.901	PK
2		5350.000	68.580	28.709	-5.420	74.000	39.871	PK

Profile: 17C2130R	Page No.: 35
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:29
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1+2	



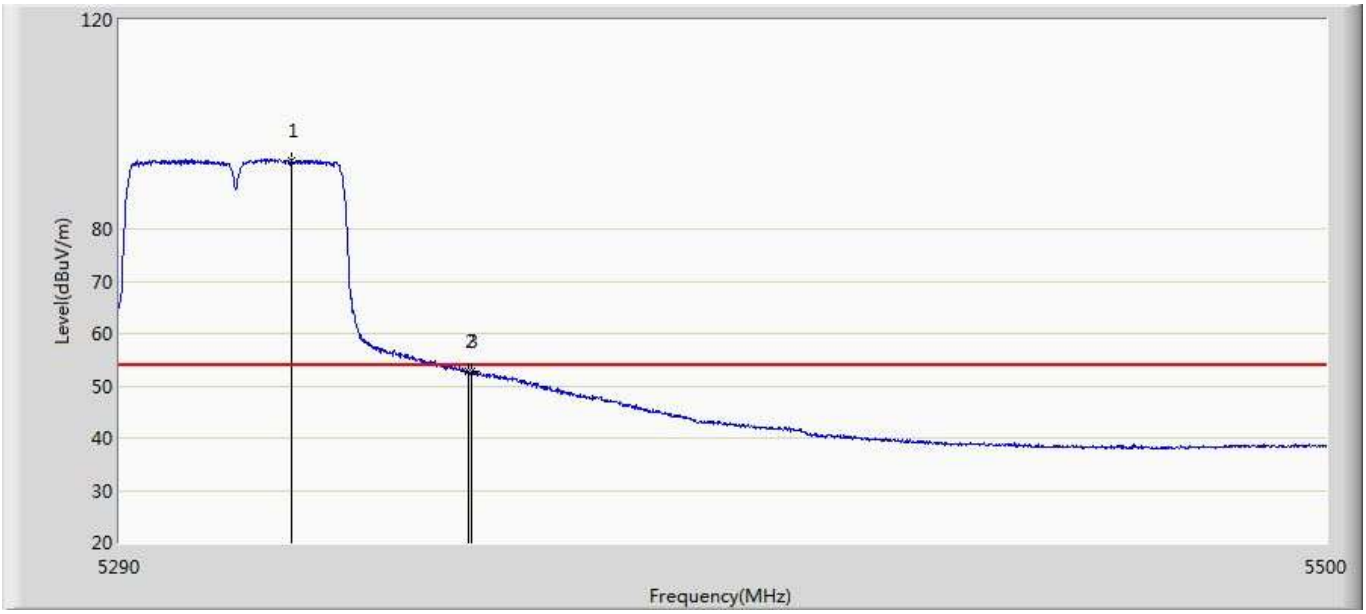
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.455	94.812	54.879	40.812	54.000	39.933	AV
2		5350.000	50.593	10.722	-3.407	54.000	39.871	AV

Profile: 17C2130R	Page No.: 36
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 13:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20 Ant1+2	



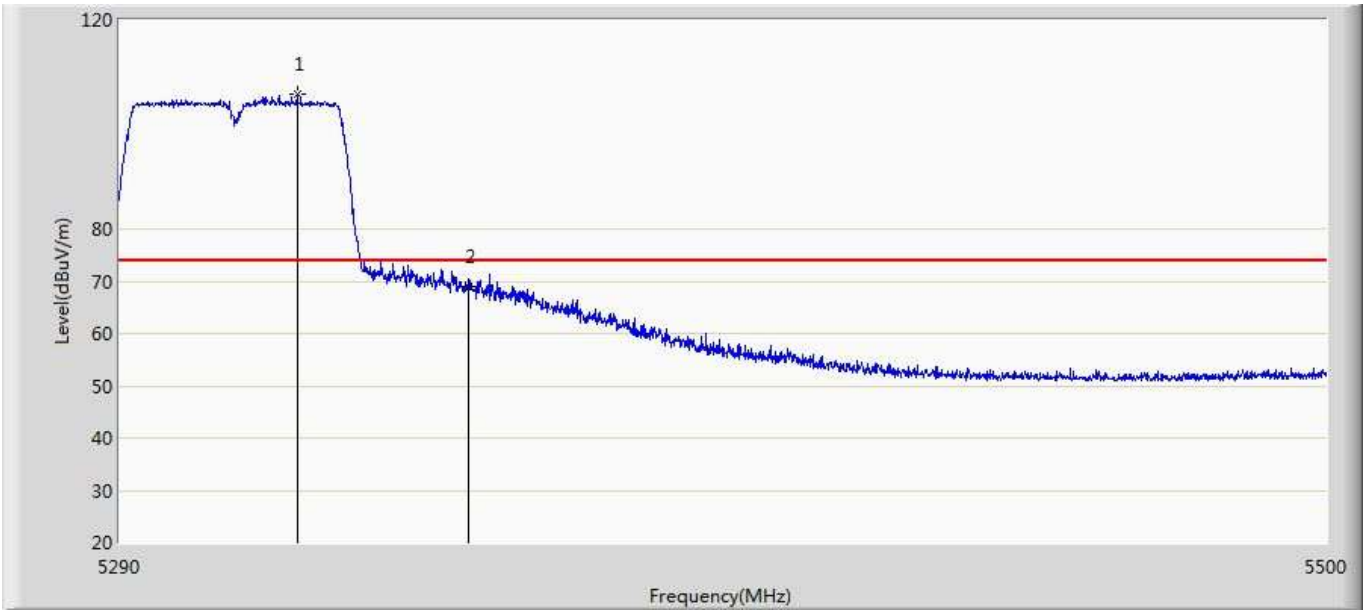
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5324.725	105.139	65.231	31.139	74.000	39.908	PK
2		5350.000	68.489	28.618	-5.511	74.000	39.871	PK

Profile: 17C2130R	Page No.: 49
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1	



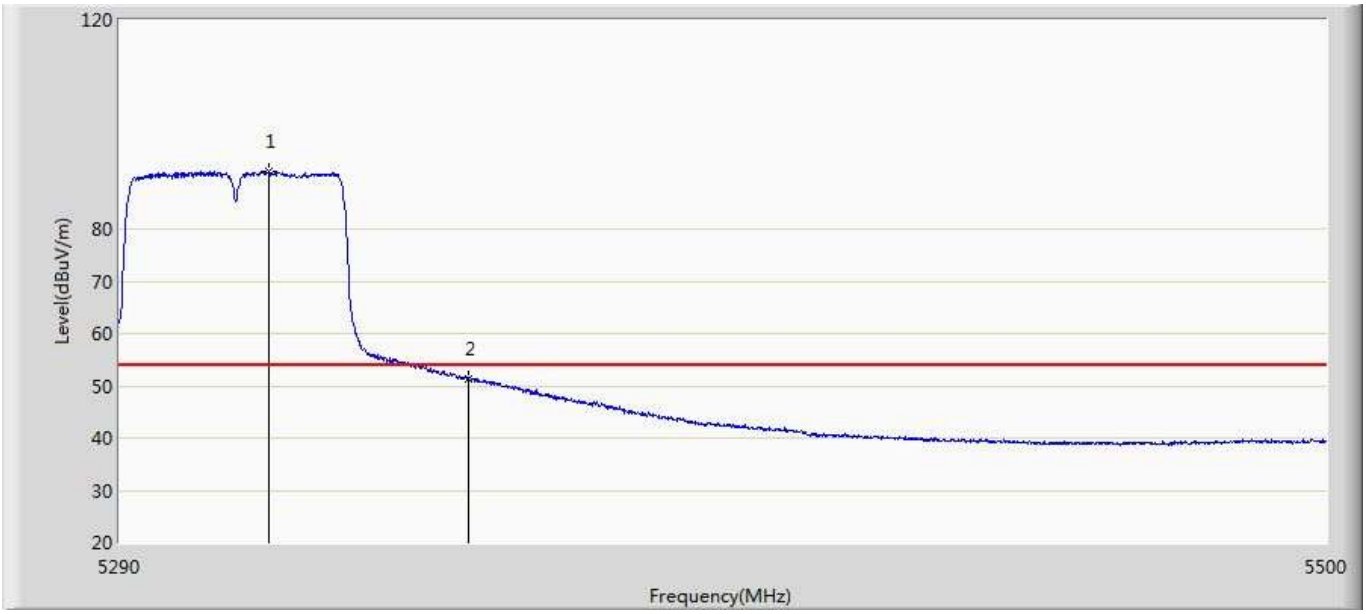
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.505	93.147	53.218	39.147	54.000	39.929	AV
2		5350.000	52.681	12.810	-1.319	54.000	39.871	AV
3		5350.480	52.876	13.006	-1.124	54.000	39.870	AV

Profile: 17C2130R	Page No.: 50
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1	



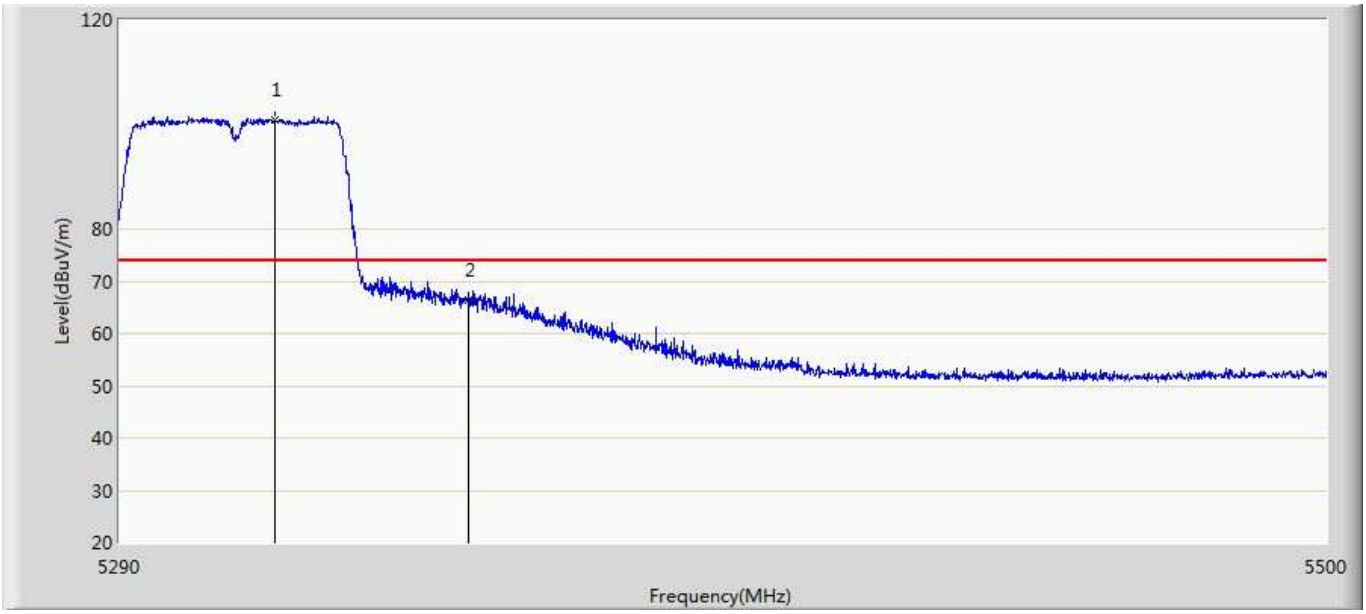
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5320.450	105.719	65.794	31.719	74.000	39.925	PK
2		5350.000	69.065	29.194	-4.935	74.000	39.871	PK

Profile: 17C2130R	Page No.: 51
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1	



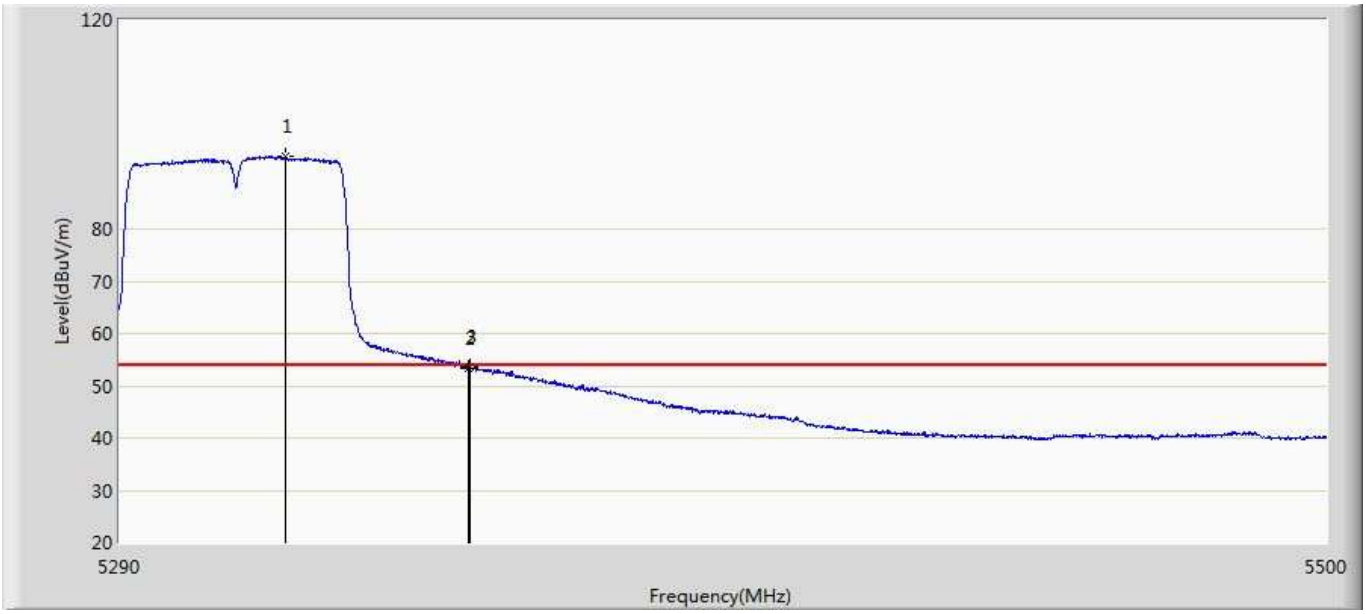
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.725	91.040	51.120	37.040	54.000	39.920	AV
2		5350.000	51.271	11.400	-2.729	54.000	39.871	AV

Profile: 17C2130R	Page No.: 52
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1	



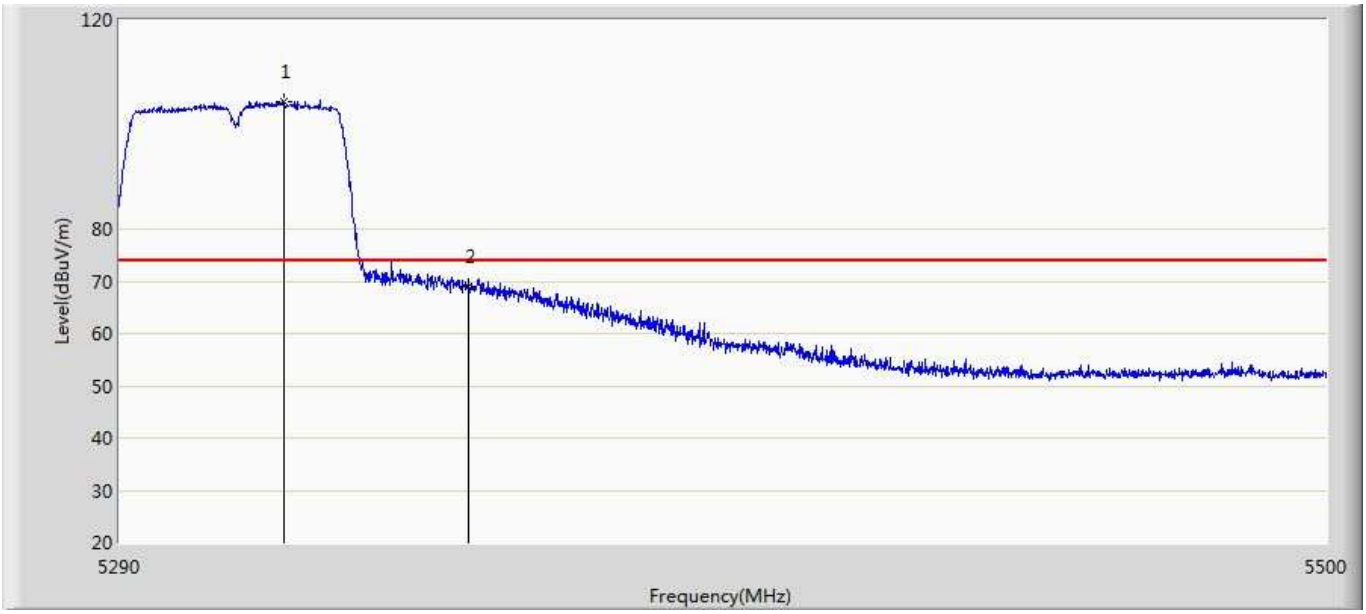
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.775	101.014	61.087	27.014	74.000	39.927	PK
2		5350.000	66.239	26.368	-7.761	74.000	39.871	PK

Profile: 17C2130R	Page No.: 53
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:40
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant2	



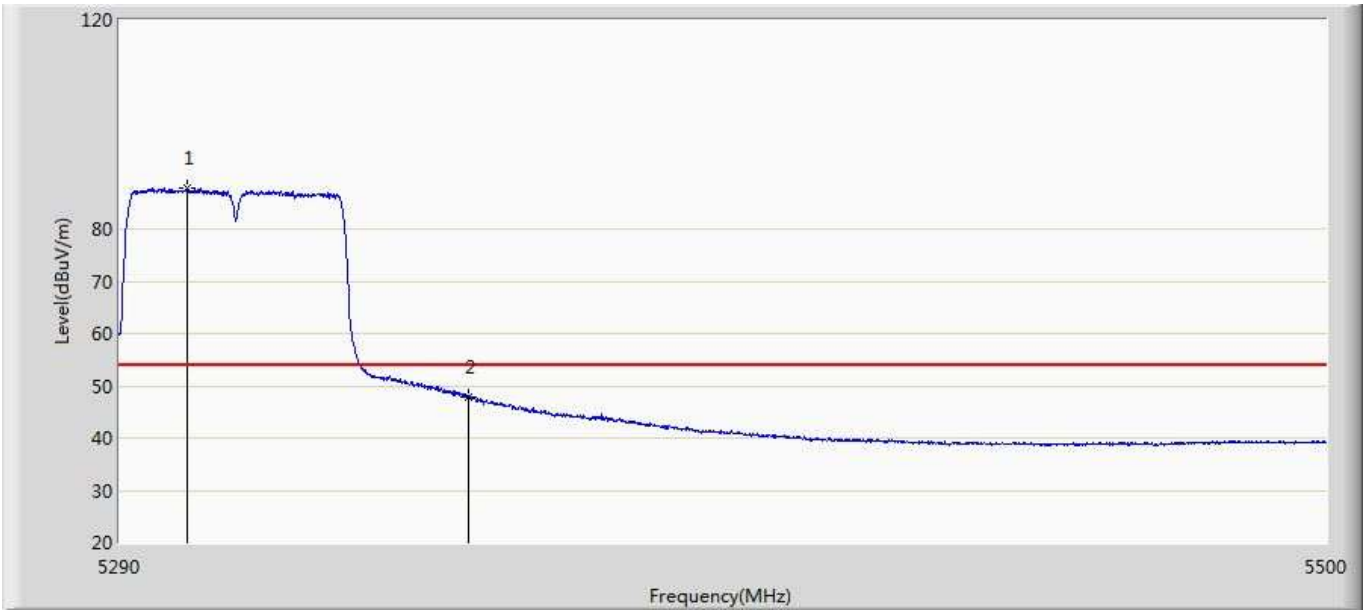
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.455	93.790	53.857	39.790	54.000	39.933	AV
2		5350.000	53.353	13.482	-0.647	54.000	39.871	AV
3		5350.165	53.742	13.871	-0.258	54.000	39.871	AV

Profile: 17C2130R	Page No.: 54
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant2	



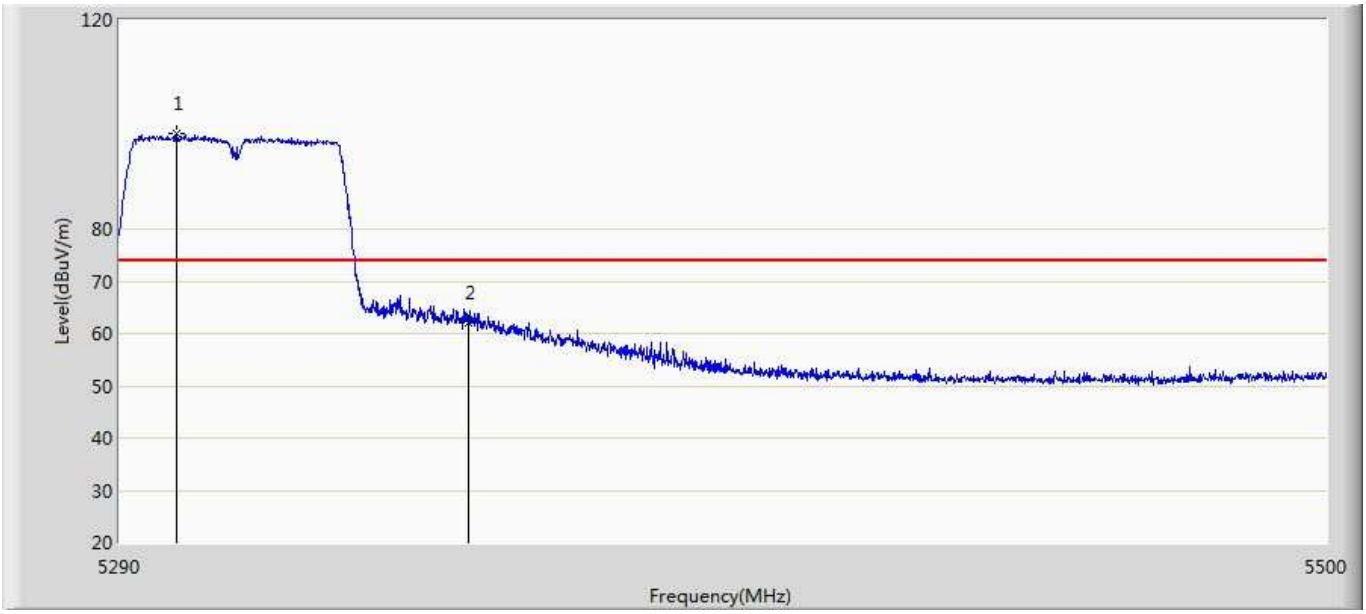
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.245	104.412	64.478	30.412	74.000	39.934	PK
2		5350.000	69.032	29.161	-4.968	74.000	39.871	PK

Profile: 17C2130R	Page No.: 55
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:46
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant2	



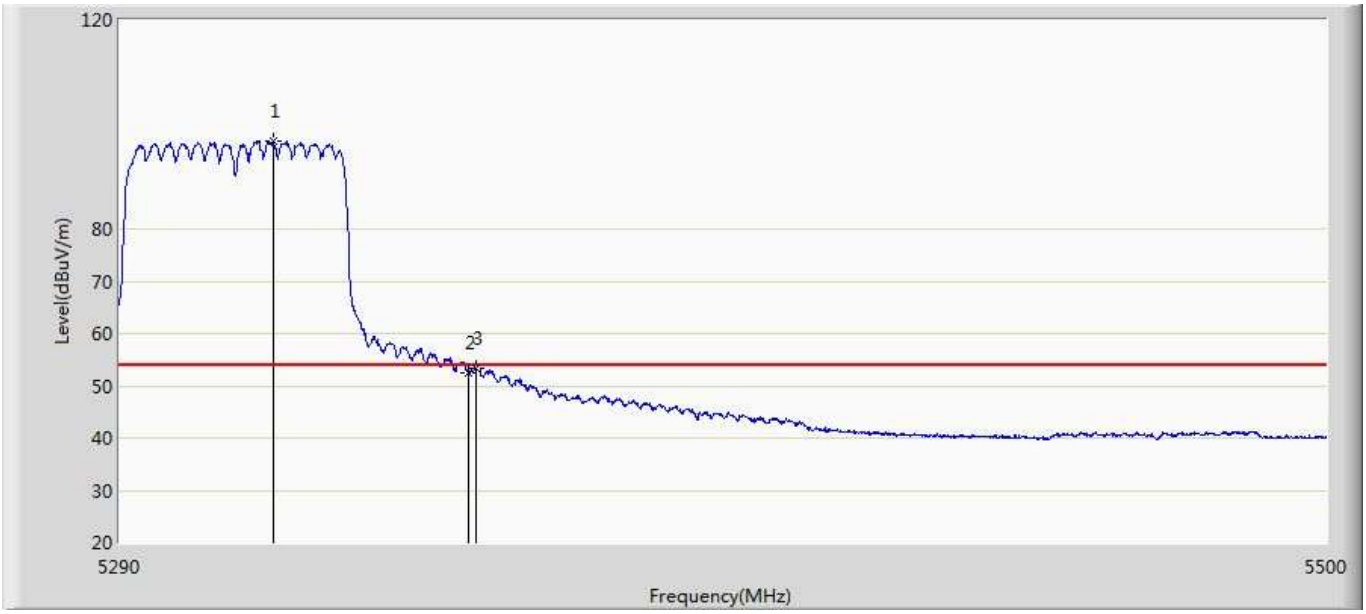
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5301.655	87.912	48.084	33.912	54.000	39.828	AV
2		5350.000	47.753	7.882	-6.247	54.000	39.871	AV

Profile: 17C2130R	Page No.: 56
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant2	



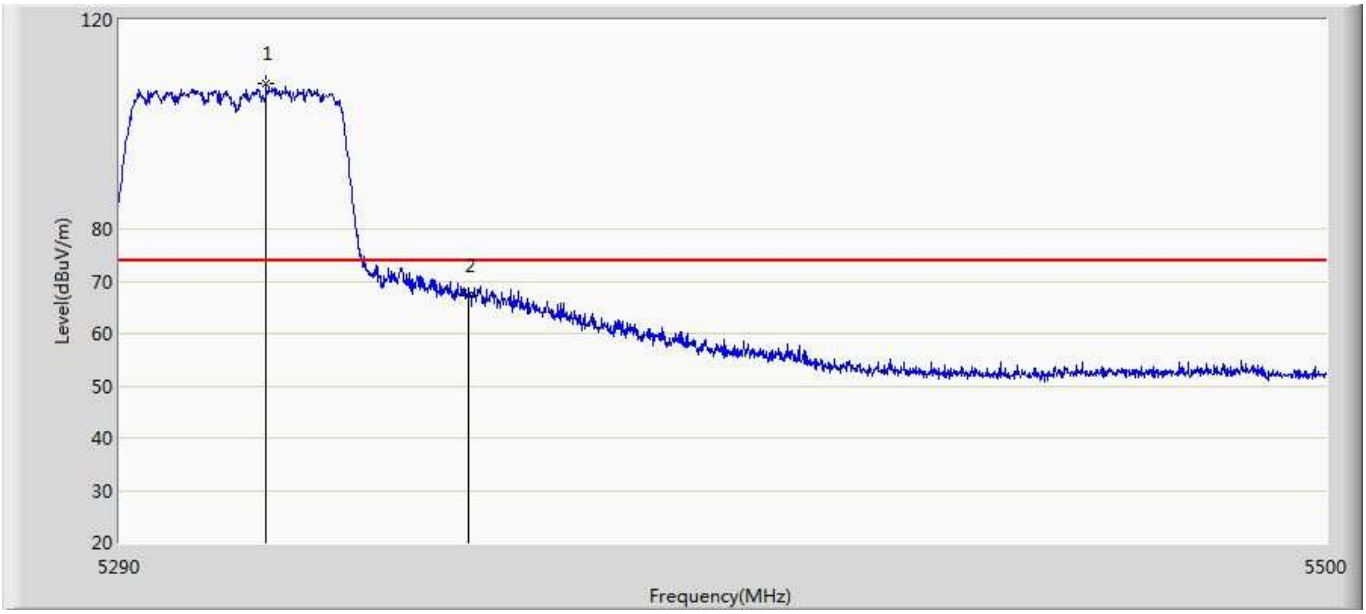
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5299.870	98.253	58.428	24.253	74.000	39.825	PK
2		5350.000	61.953	22.082	-12.047	74.000	39.871	PK

Profile: 17C2130R	Page No.: 57
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1+2	



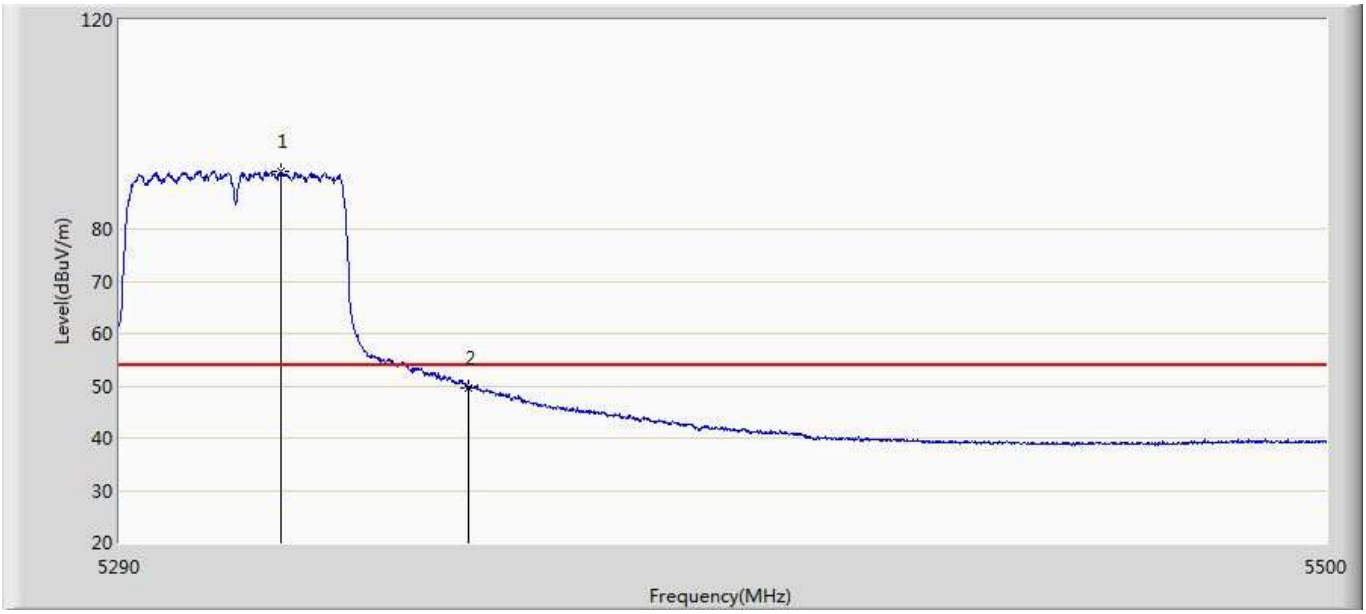
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5316.355	96.703	56.779	42.703	54.000	39.924	AV
2		5350.000	52.398	12.527	-1.602	54.000	39.871	AV
3		5351.215	53.443	13.572	-0.557	54.000	39.871	AV

Profile: 17C2130R	Page No.: 58
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1+2	



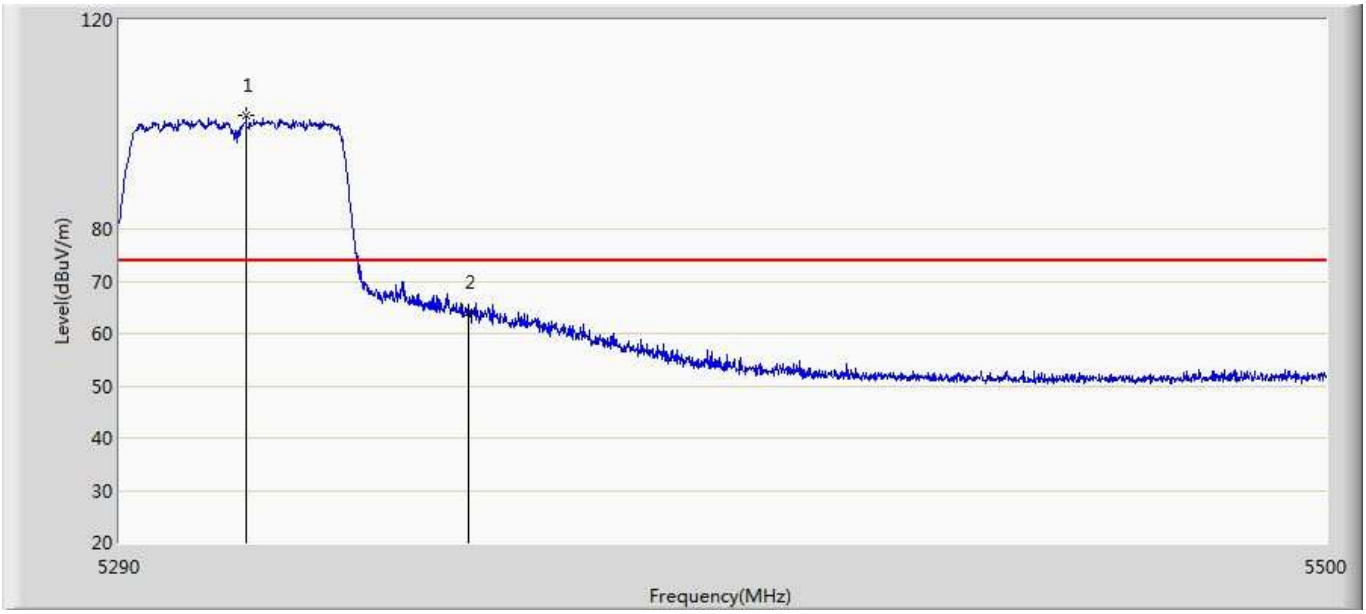
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.095	107.798	67.882	33.798	74.000	39.916	PK
2		5350.000	67.333	27.462	-6.667	74.000	39.871	PK

Profile: 17C2130R	Page No.: 59
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1+2	



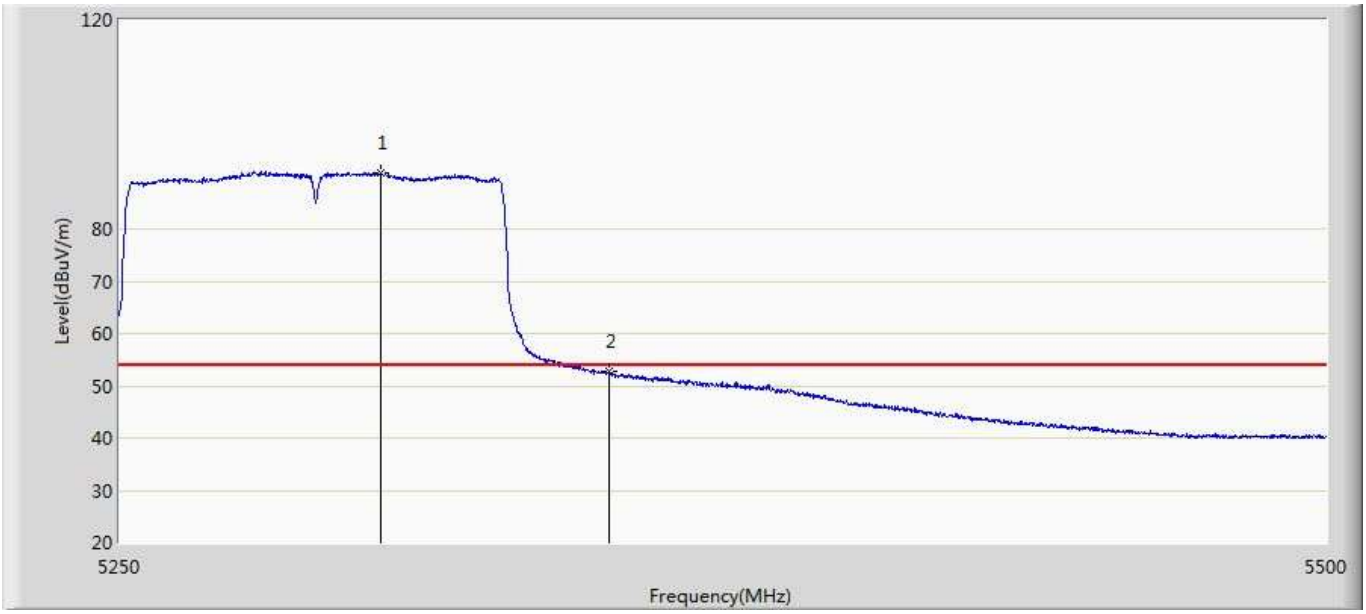
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5317.720	91.123	51.190	37.123	54.000	39.933	AV
2		5350.000	49.657	9.786	-4.343	54.000	39.871	AV

Profile: 17C2130R	Page No.: 60
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 14:59
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40 Ant1+2	



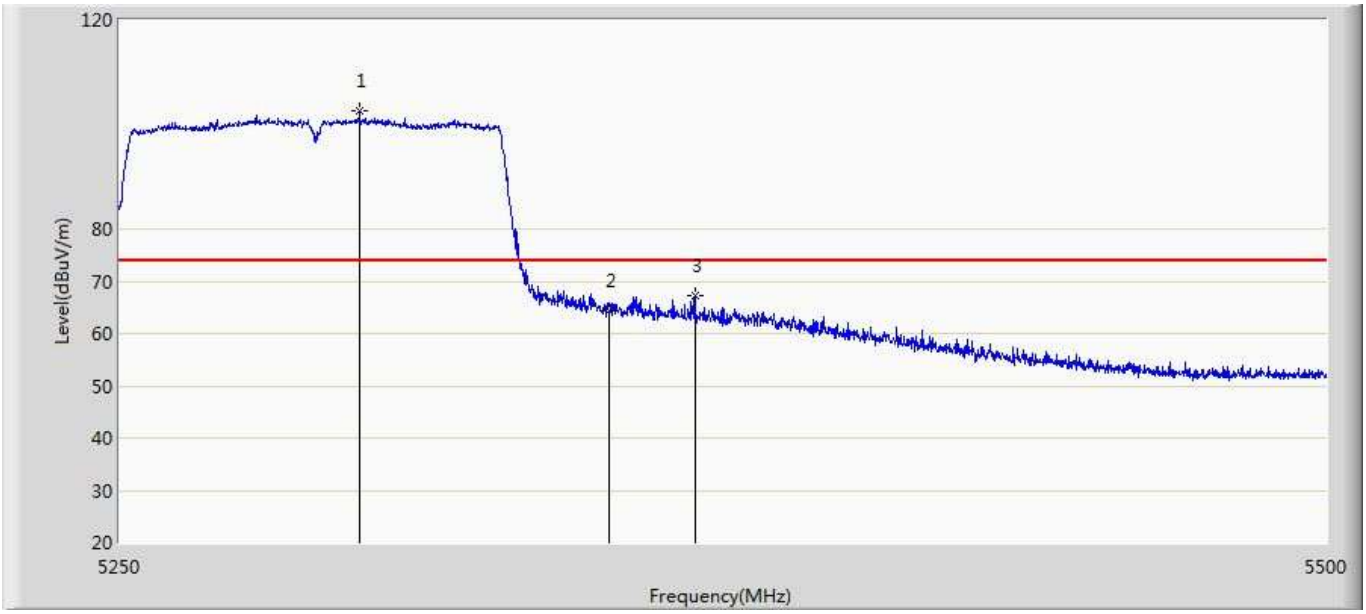
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5311.735	101.878	61.984	27.878	74.000	39.894	PK
2		5350.000	64.080	24.209	-9.920	74.000	39.871	PK

Profile: 17C2130R	Page No.: 61
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 15:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1	



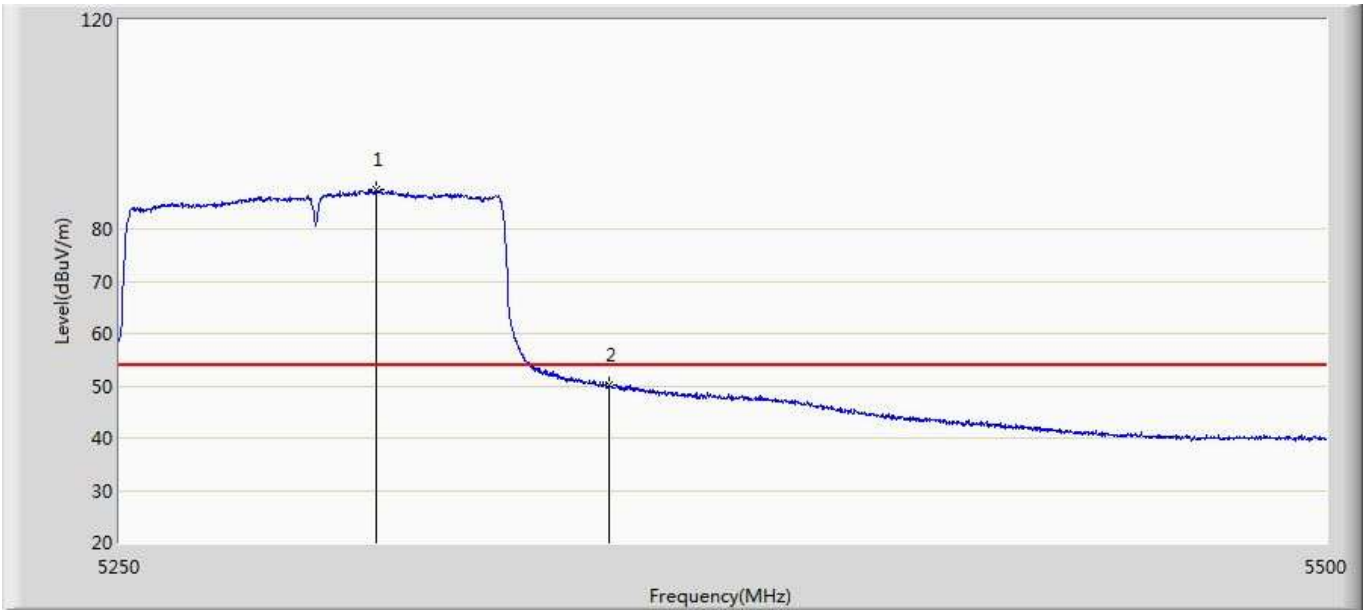
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5303.250	90.830	50.992	36.830	54.000	39.838	AV
2		5350.000	52.643	12.772	-1.357	54.000	39.871	AV

Profile: 17C2130R	Page No.: 62
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 15:10
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1	



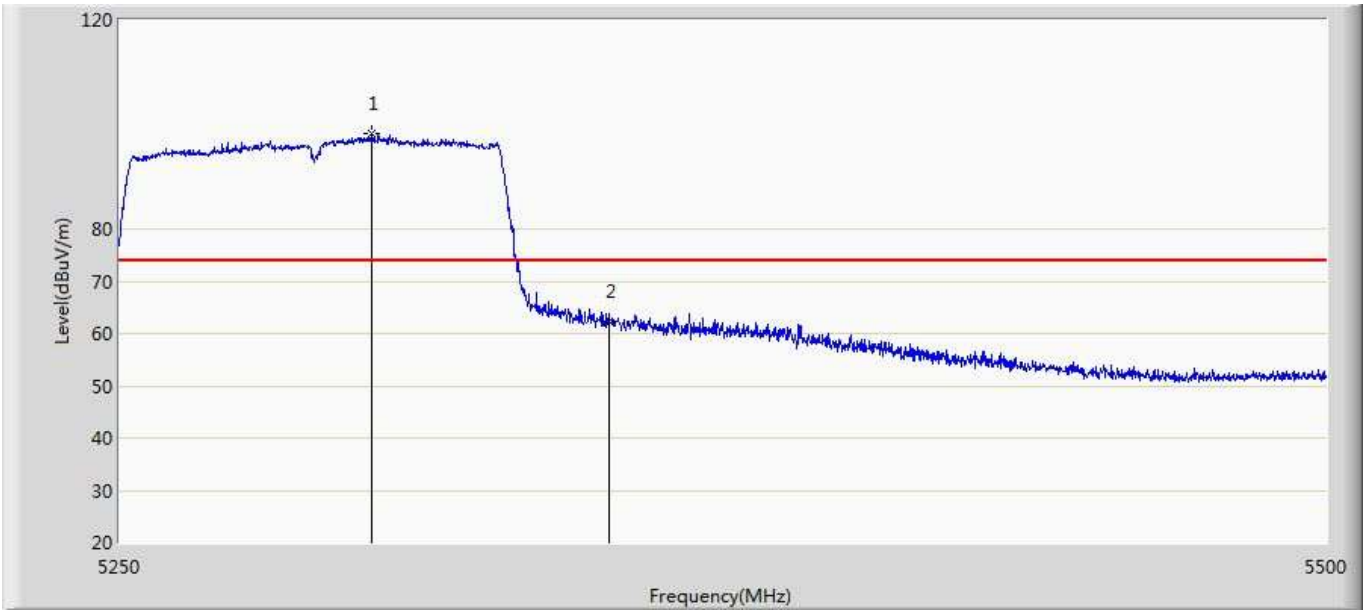
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.875	102.482	62.656	28.482	74.000	39.826	PK
2		5350.000	64.247	24.376	-9.753	74.000	39.871	PK
3		5367.875	67.226	27.330	-6.774	74.000	39.896	PK

Profile: 17C2130R	Page No.: 63
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 15:12
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1	



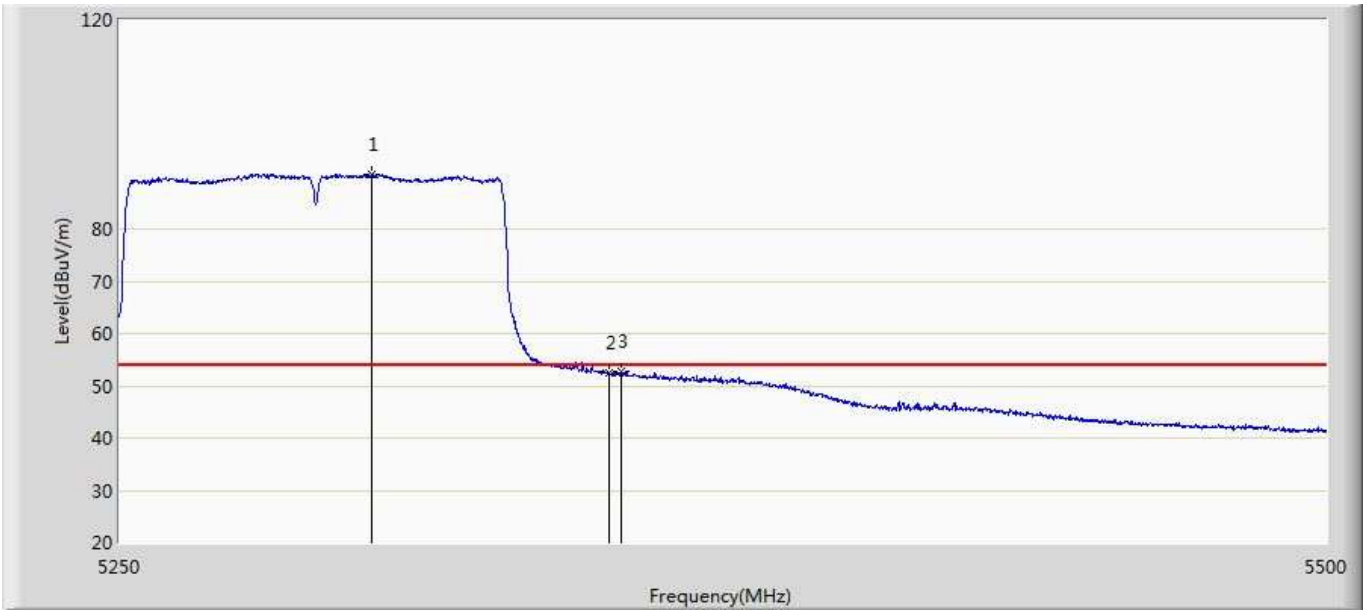
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5302.250	87.416	47.584	33.416	54.000	39.831	AV
2		5350.000	50.068	10.197	-3.932	54.000	39.871	AV

Profile: 17C2130R	Page No.: 64
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 15:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1	



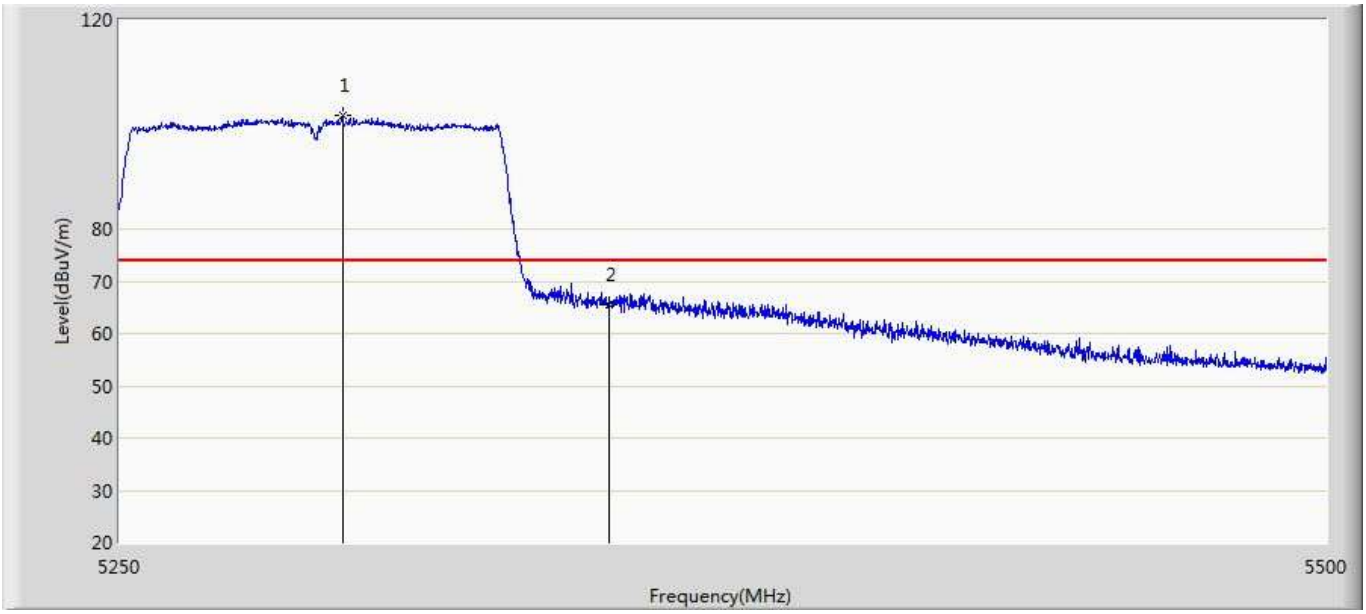
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5301.500	98.181	58.354	24.181	74.000	39.827	PK
2		5350.000	62.177	22.306	-11.823	74.000	39.871	PK

Profile: 17C2130R	Page No.: 65
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 18:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant2	



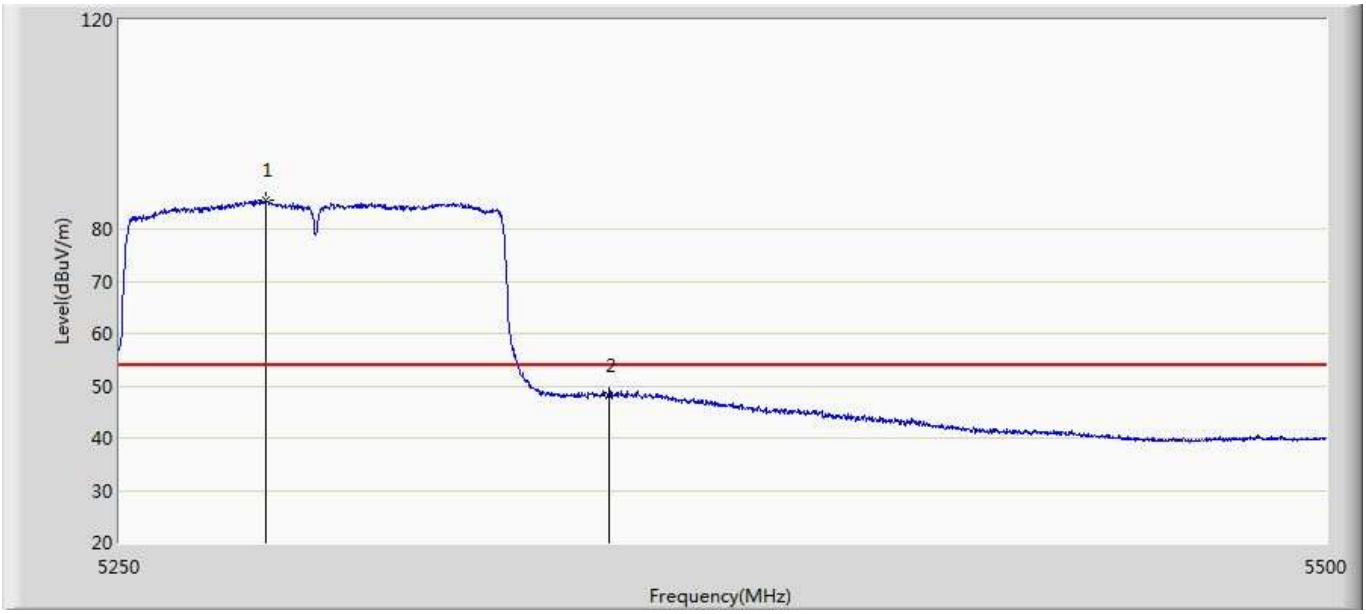
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5301.375	90.518	50.692	36.518	54.000	39.825	AV
2		5350.000	52.326	12.455	-1.674	54.000	39.871	AV
3		5352.500	52.840	12.968	-1.160	54.000	39.872	AV

Profile: 17C2130R	Page No.: 66
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant2	



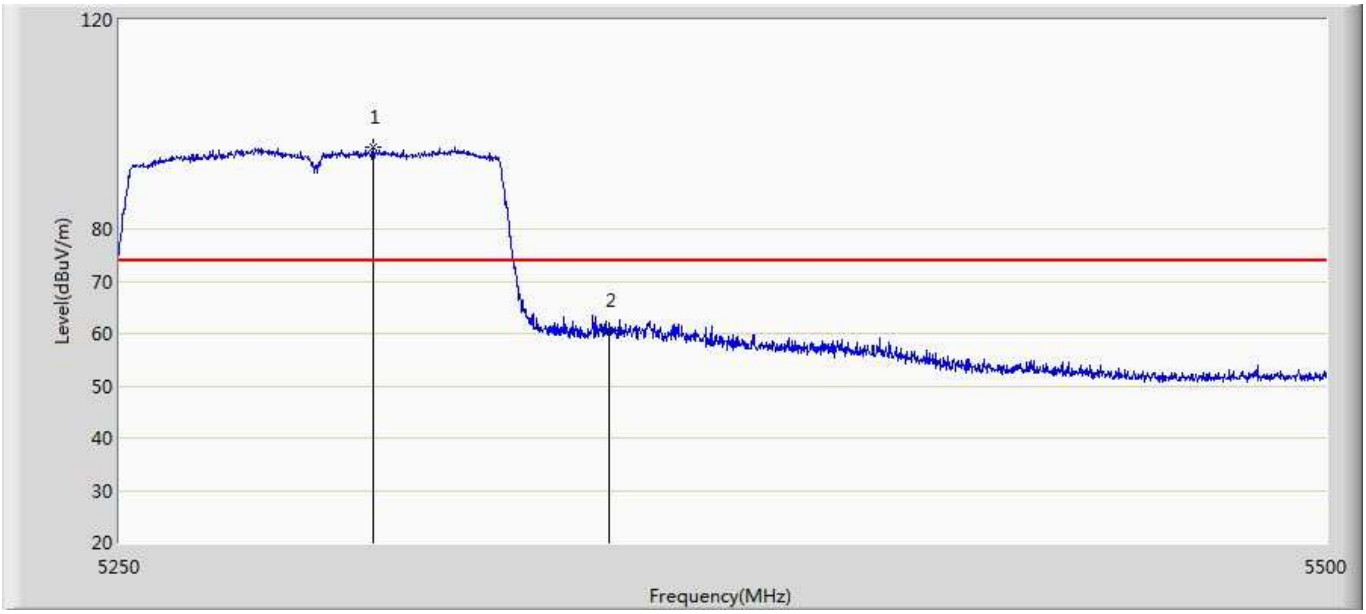
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5295.375	101.596	61.766	27.596	74.000	39.830	PK
2		5350.000	65.512	25.641	-8.488	74.000	39.871	PK

Profile: 17C2130R	Page No.: 67
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:17
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant2	



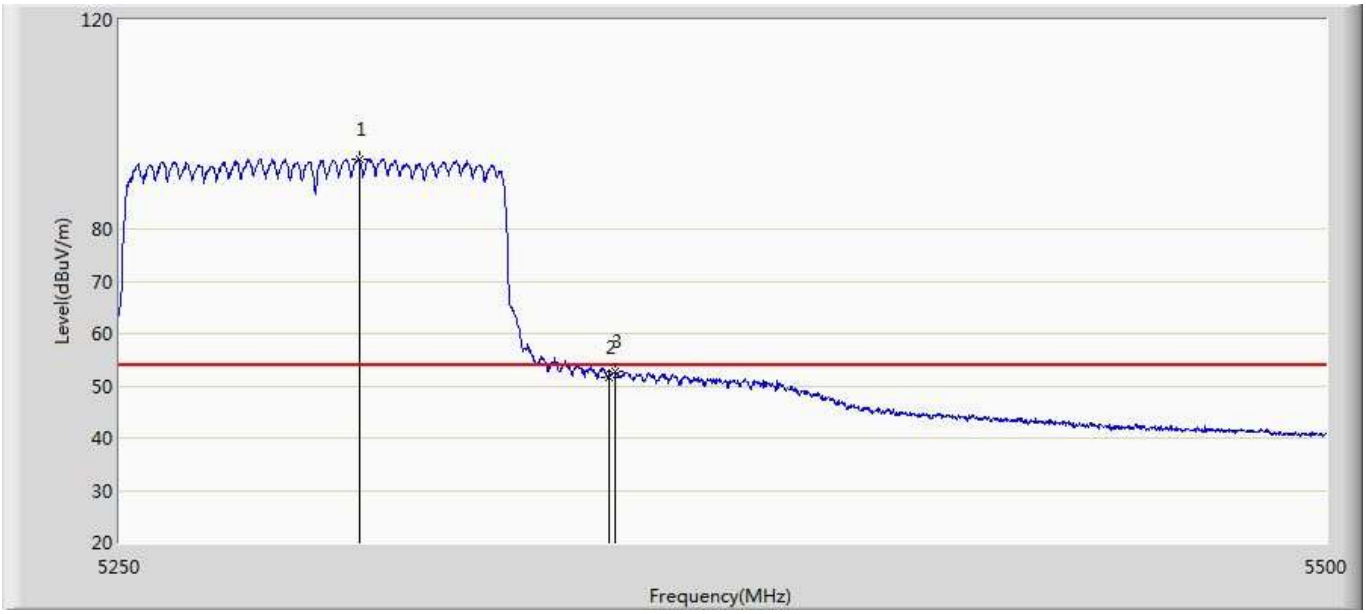
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5279.750	85.625	45.810	31.625	54.000	39.815	AV
2		5350.000	48.196	8.325	-5.804	54.000	39.871	AV

Profile: 17C2130R	Page No.: 68
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant2	



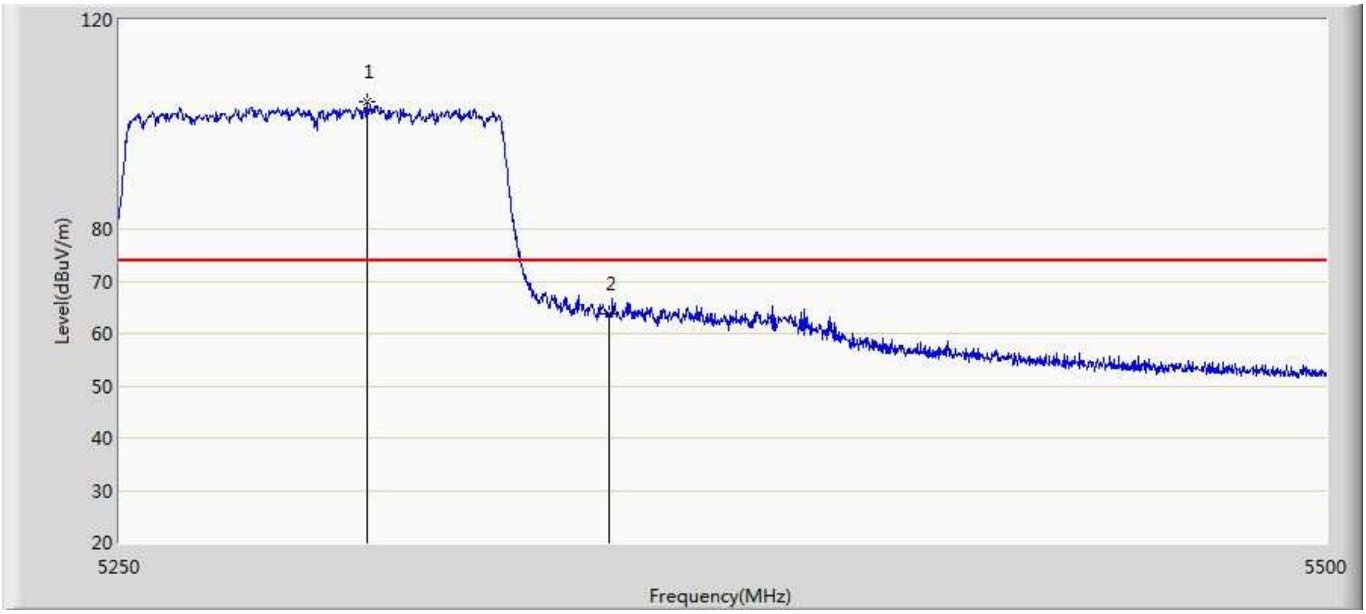
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5301.625	95.707	55.880	21.707	74.000	39.828	PK
2		5350.000	60.464	20.593	-13.536	74.000	39.871	PK

Profile: 17C2130R	Page No.: 69
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1+2	



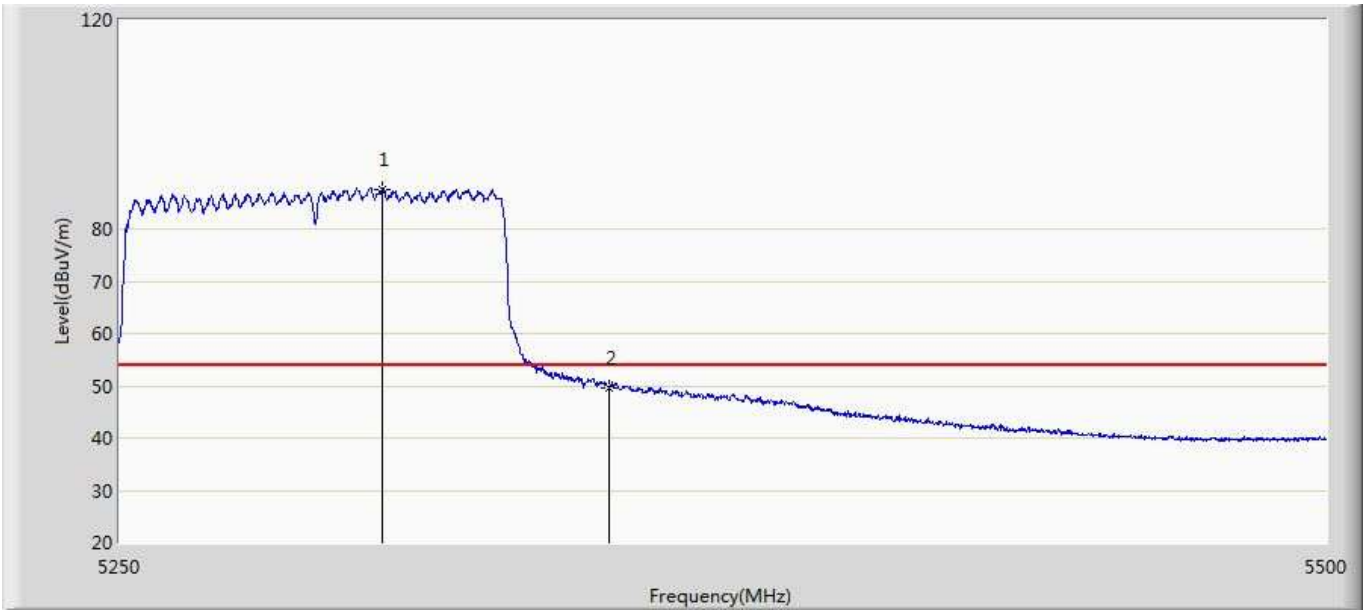
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.750	93.213	53.387	39.213	54.000	39.826	AV
2		5350.000	51.585	11.714	-2.415	54.000	39.871	AV
3		5351.375	52.809	12.938	-1.191	54.000	39.871	AV

Profile: 17C2130R	Page No.: 70
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1+2	



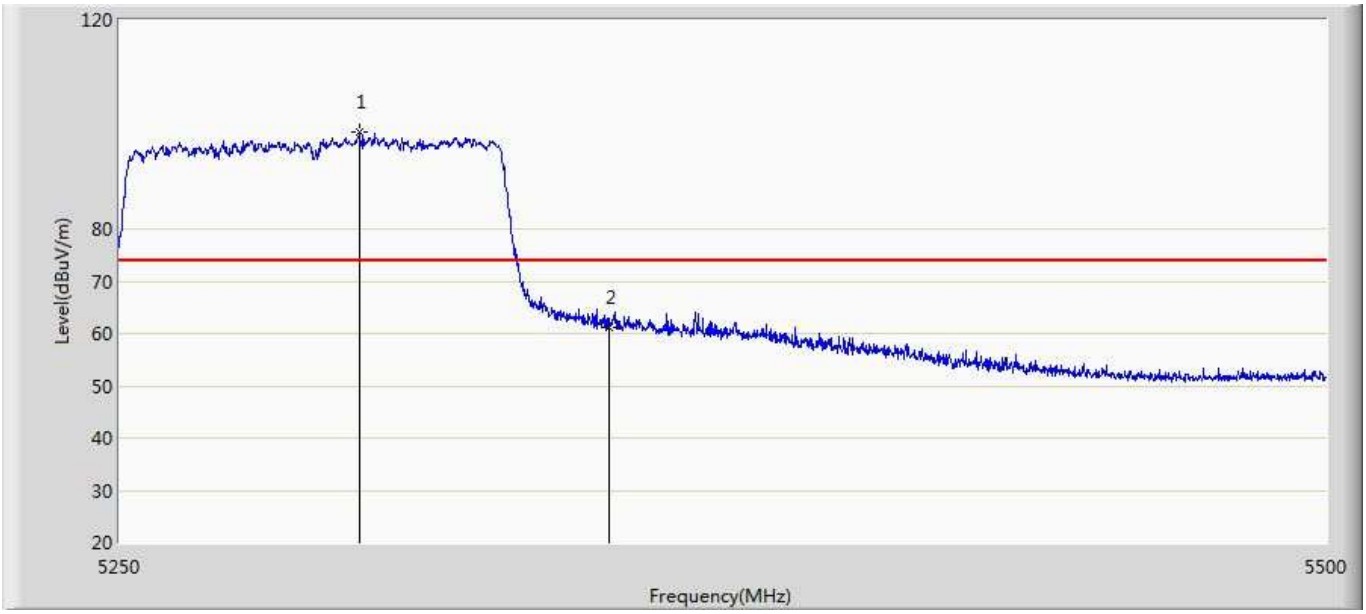
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5300.375	104.206	64.382	30.206	74.000	39.824	PK
2		5350.000	63.766	23.895	-10.234	74.000	39.871	PK

Profile: 17C2130R	Page No.: 71
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1+2	



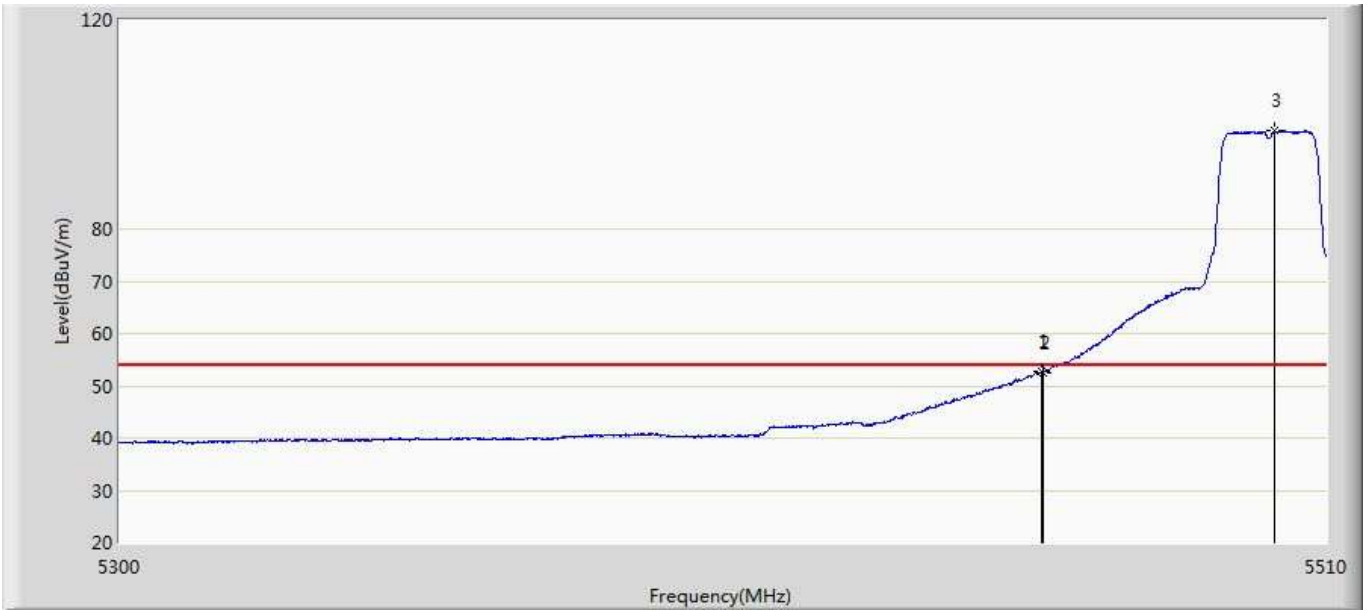
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5303.625	87.561	47.720	33.561	54.000	39.841	AV
2		5350.000	49.700	9.829	-4.300	54.000	39.871	AV

Profile: 17C2130R	Page No.: 72
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:42
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 6:Transmit at 5290MHz by 802.11ac80 Ant1+2	



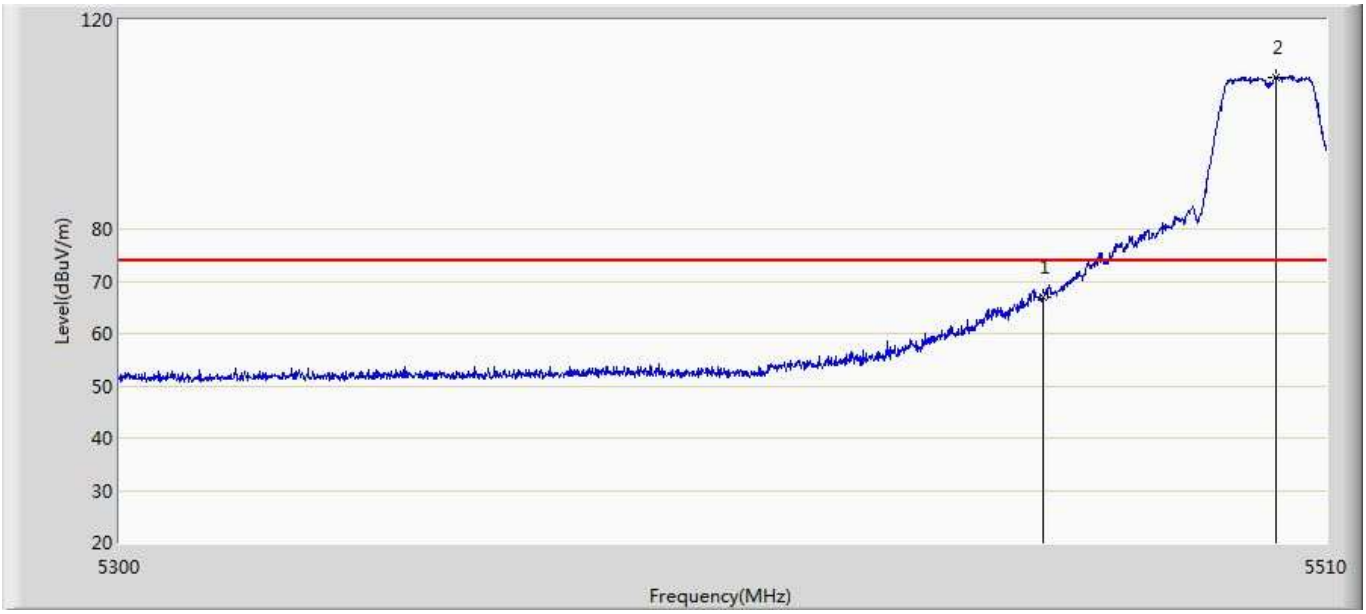
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5298.875	98.432	58.606	24.432	74.000	39.826	PK
2		5350.000	61.271	21.400	-12.729	74.000	39.871	PK

Profile: 17C2130R	Page No.: 73
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1	



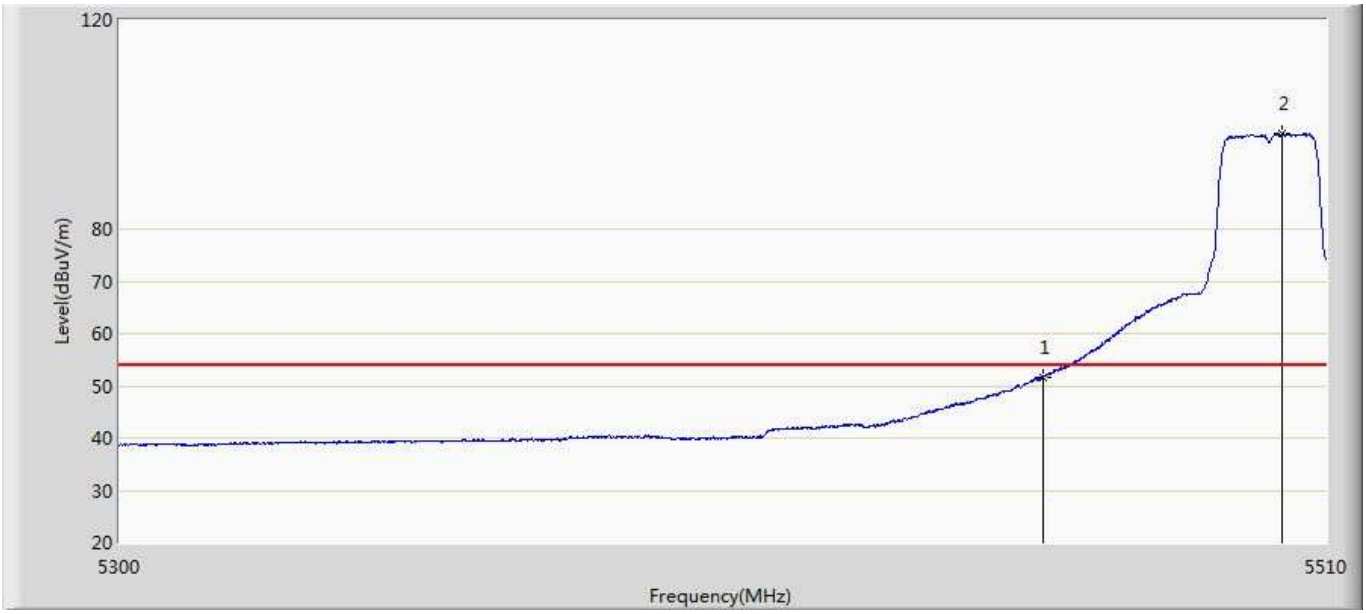
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5459.915	52.792	12.758	-1.208	54.000	40.034	AV
2		5460.000	52.580	12.546	-1.420	54.000	40.034	AV
3	*	5500.865	98.787	58.664	44.787	54.000	40.122	AV

Profile: 17C2130R	Page No.: 74
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1	



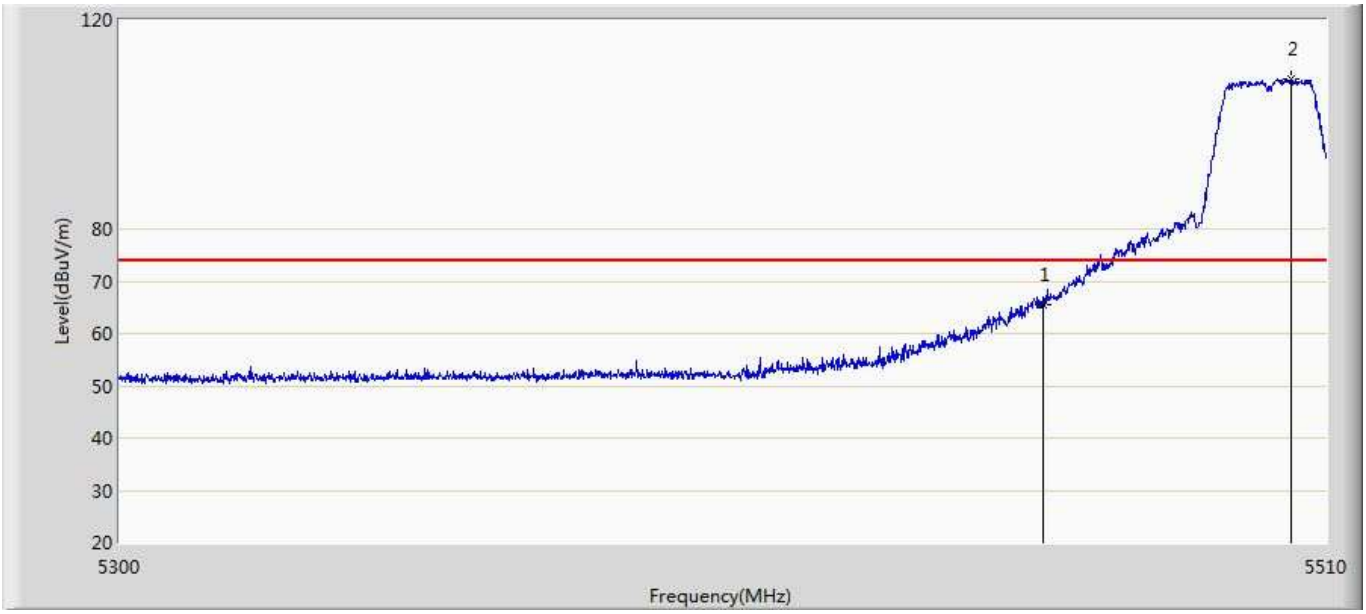
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	66.832	26.798	-7.168	74.000	40.034	PK
2	*	5501.180	109.022	68.900	35.022	74.000	40.122	PK

Profile: 17C2130R	Page No.: 75
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 19:58
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1	



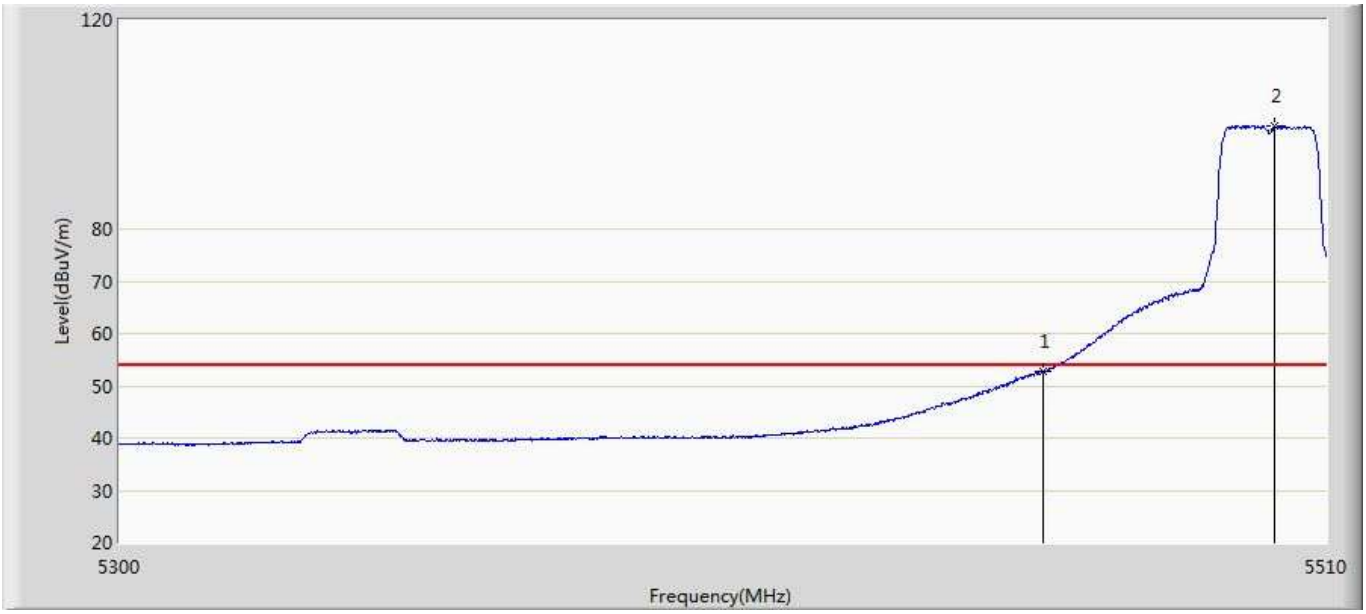
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.552	11.518	-2.448	54.000	40.034	AV
2	*	5502.230	98.139	58.020	44.139	54.000	40.119	AV

Profile: 17C2130R	Page No.: 76
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:01
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1	



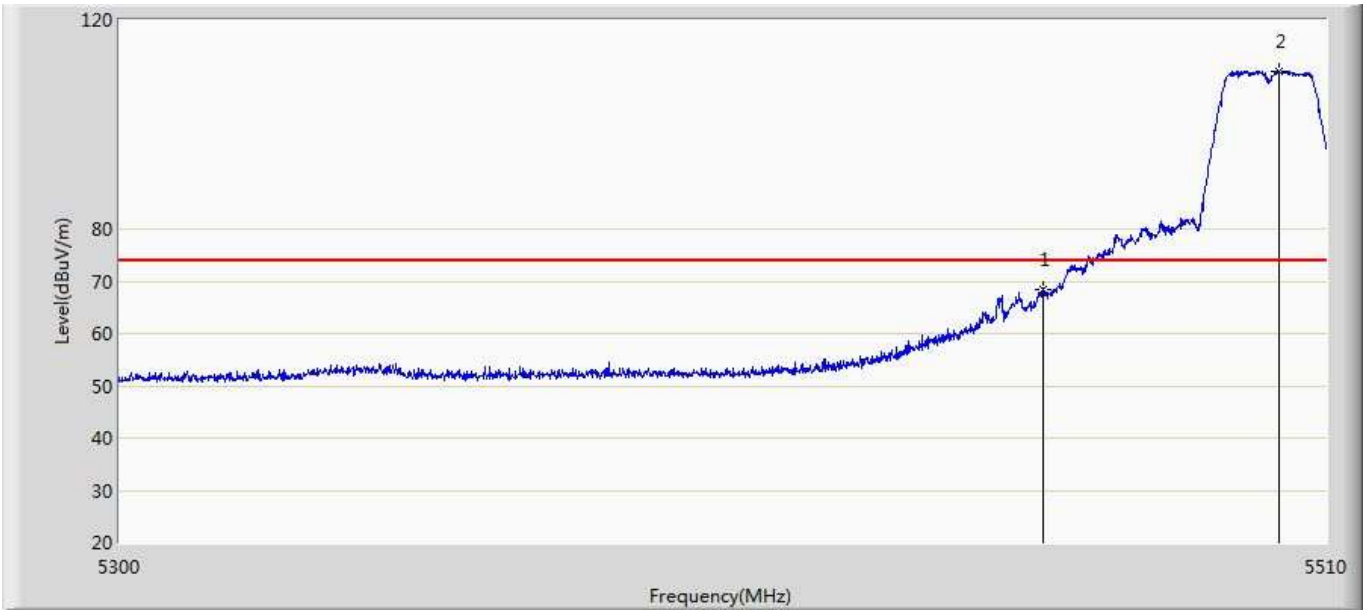
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.403	25.369	-8.597	74.000	40.034	PK
2	*	5503.700	108.737	68.622	34.737	74.000	40.115	PK

Profile: 17C2130R	Page No.: 77
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant2	



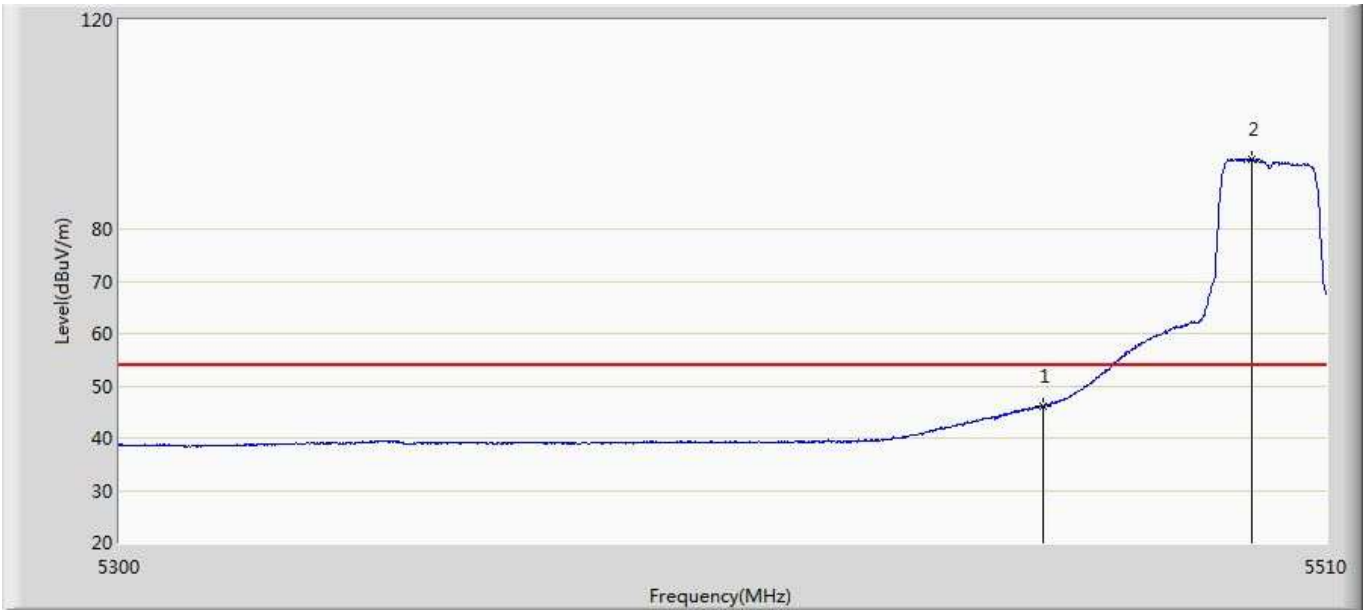
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.867	12.833	-1.133	54.000	40.034	AV
2	*	5500.865	99.667	59.544	45.667	54.000	40.122	AV

Profile: 17C2130R	Page No.: 78
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant2	



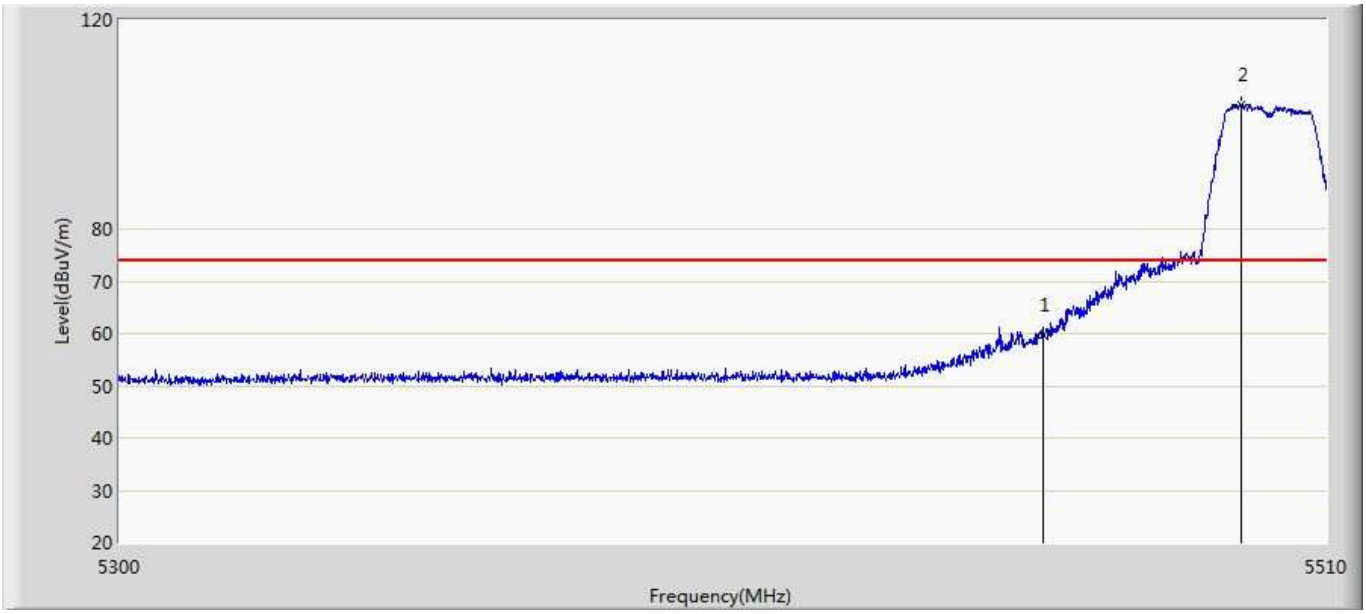
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	68.432	28.398	-5.568	74.000	40.034	PK
2	*	5501.600	110.272	70.151	36.272	74.000	40.121	PK

Profile: 17C2130R	Page No.: 79
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:11
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant2	



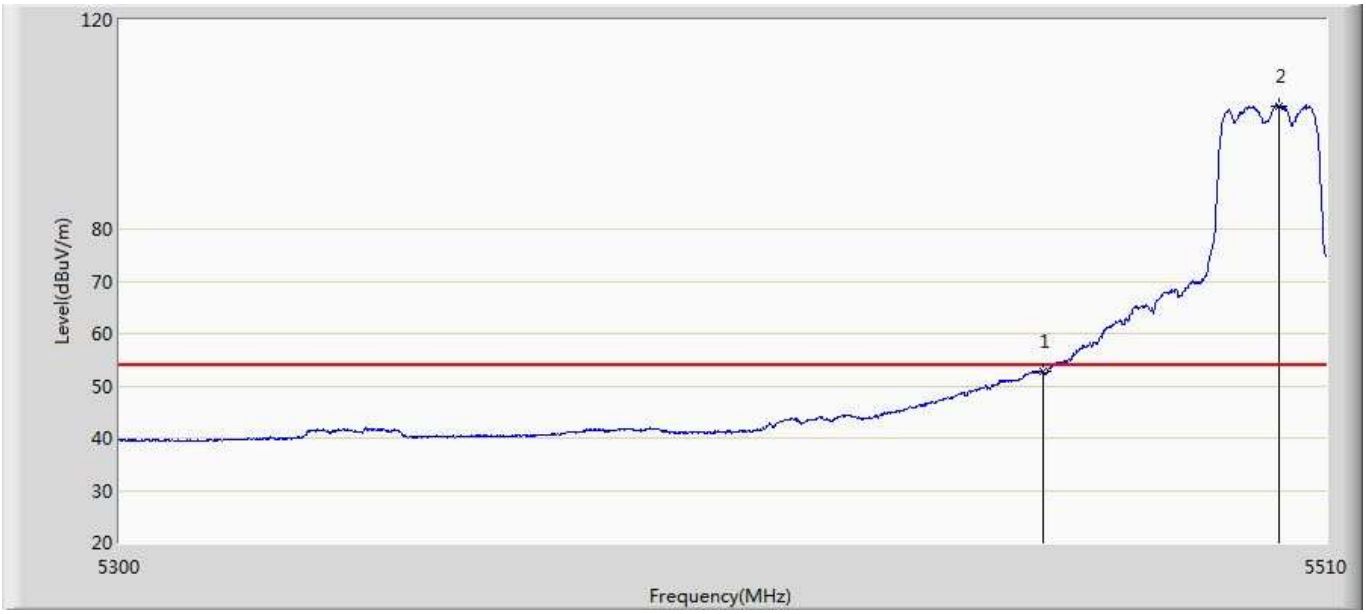
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.103	6.069	-7.897	54.000	40.034	AV
2	*	5496.875	93.243	53.109	39.243	54.000	40.134	AV

Profile: 17C2130R	Page No.: 80
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant2	



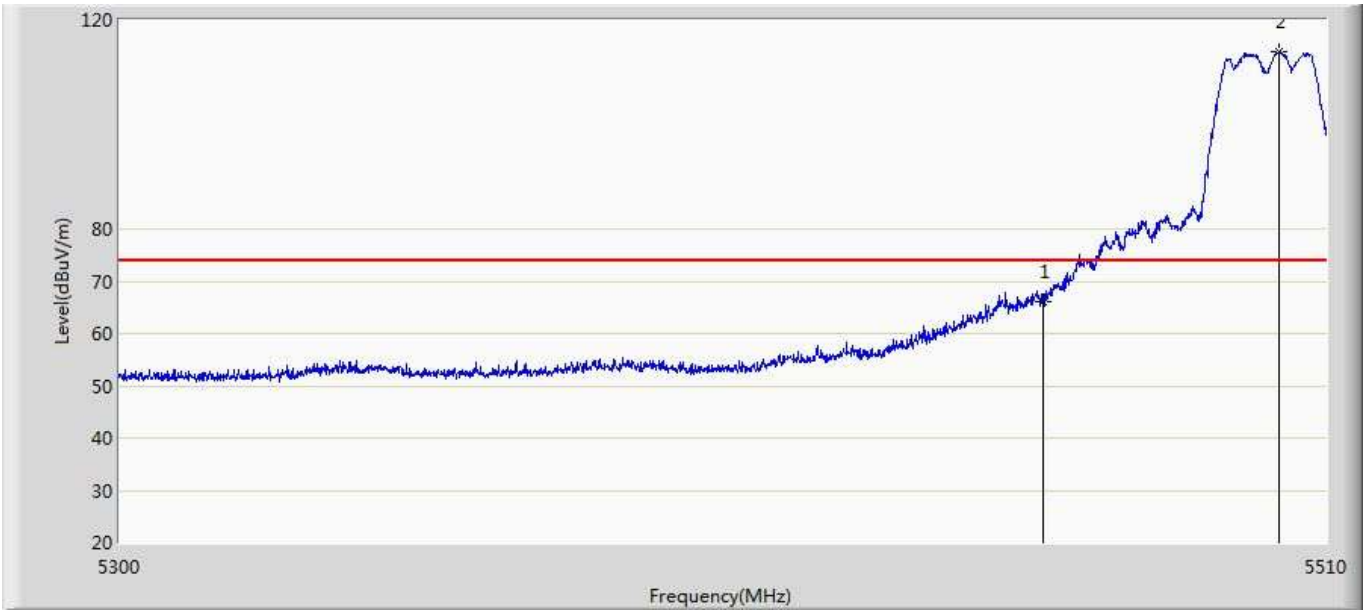
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	59.604	19.570	-14.396	74.000	40.034	PK
2	*	5494.985	103.793	63.653	29.793	74.000	40.140	PK

Profile: 17C2130R	Page No.: 81
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1+2	



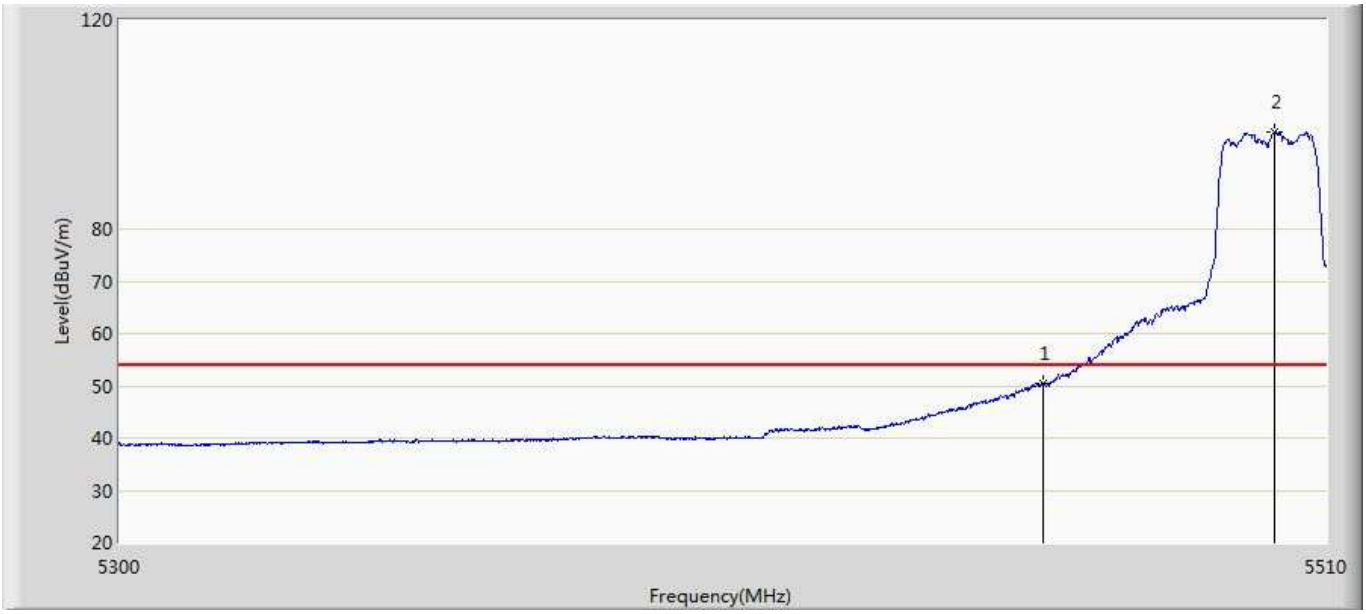
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.873	12.839	-1.127	54.000	40.034	AV
2	*	5501.600	103.418	63.297	49.418	54.000	40.121	AV

Profile: 17C2130R	Page No.: 82
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1+2	



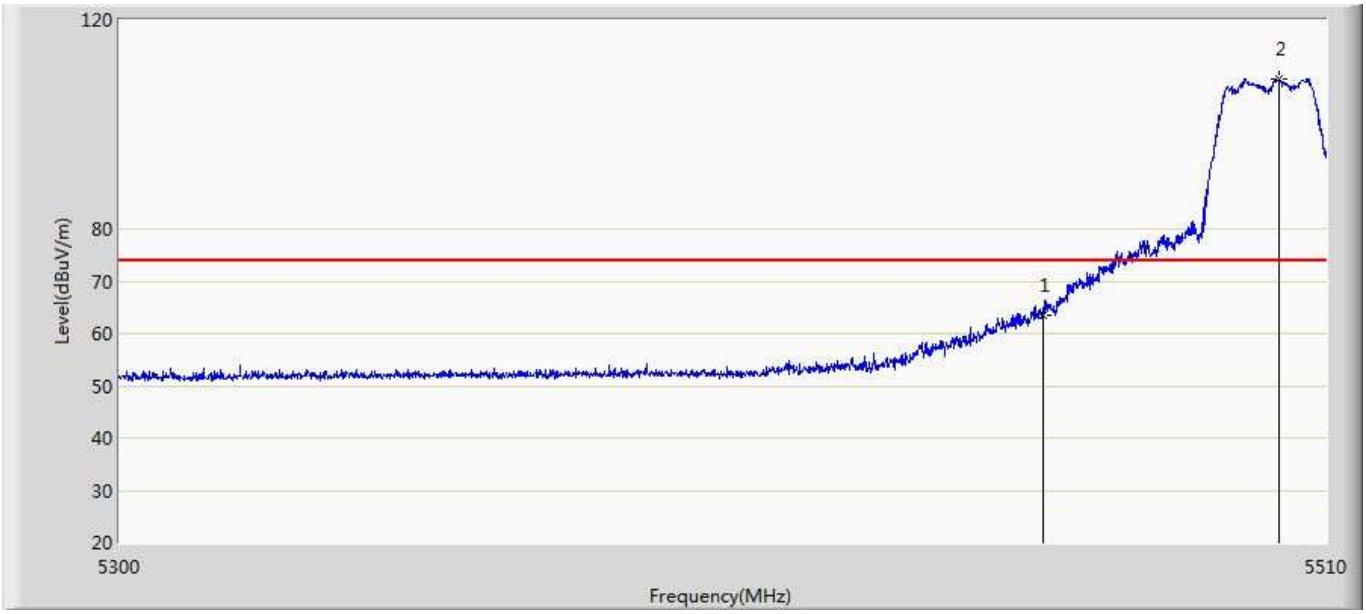
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.979	25.945	-8.021	74.000	40.034	PK
2	*	5501.600	113.961	73.840	39.961	74.000	40.121	PK

Profile: 17C2130R	Page No.: 83
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1+2	



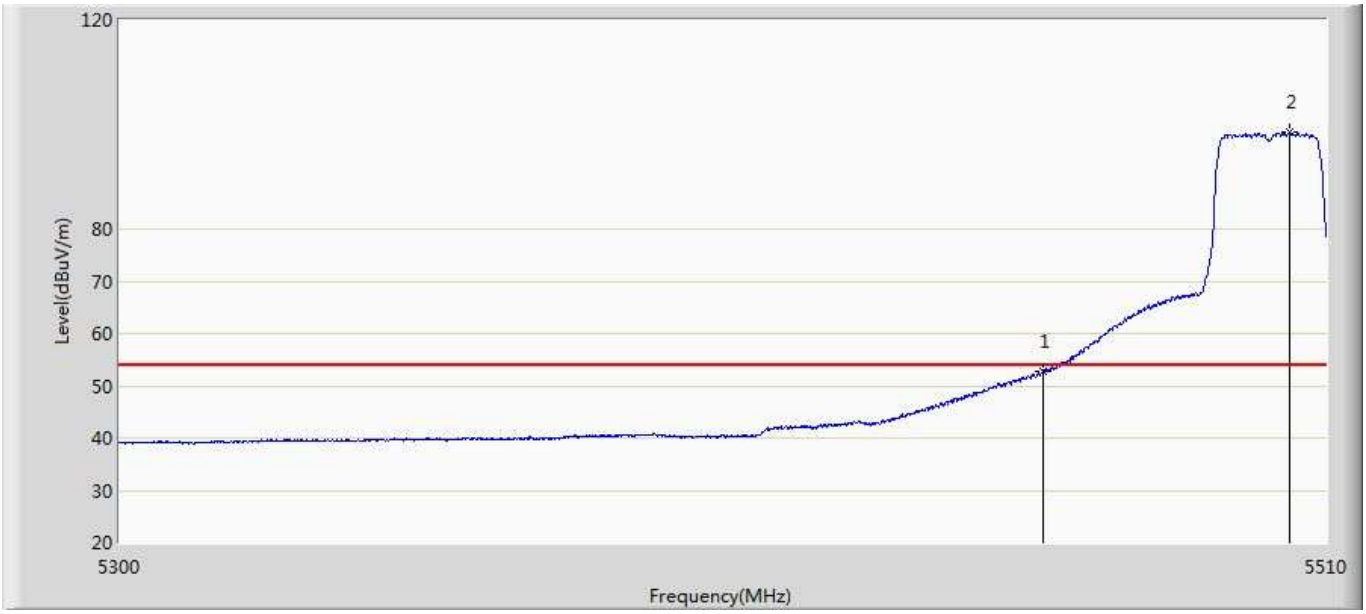
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	50.400	10.366	-3.600	54.000	40.034	AV
2	*	5500.970	98.421	58.298	44.421	54.000	40.122	AV

Profile: 17C2130R	Page No.: 84
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:27
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a Ant1+2	



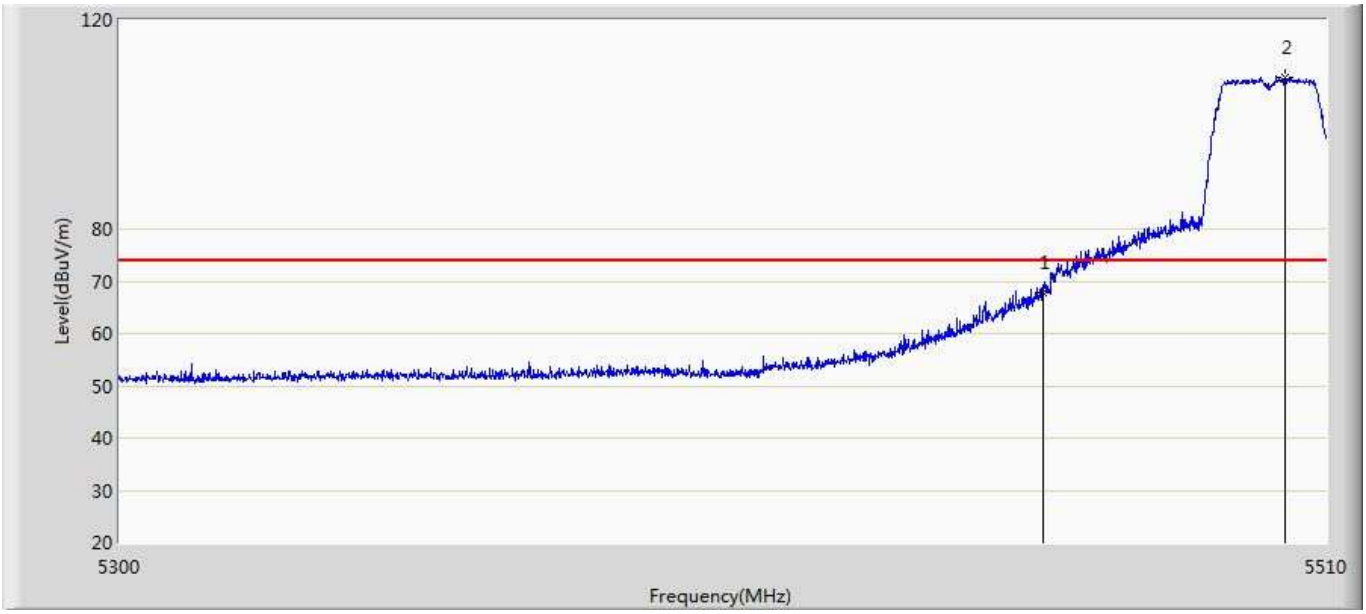
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	63.408	23.374	-10.592	74.000	40.034	PK
2	*	5501.600	108.700	68.579	34.700	74.000	40.121	PK

Profile: 17C2130R	Page No.: 85
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1	



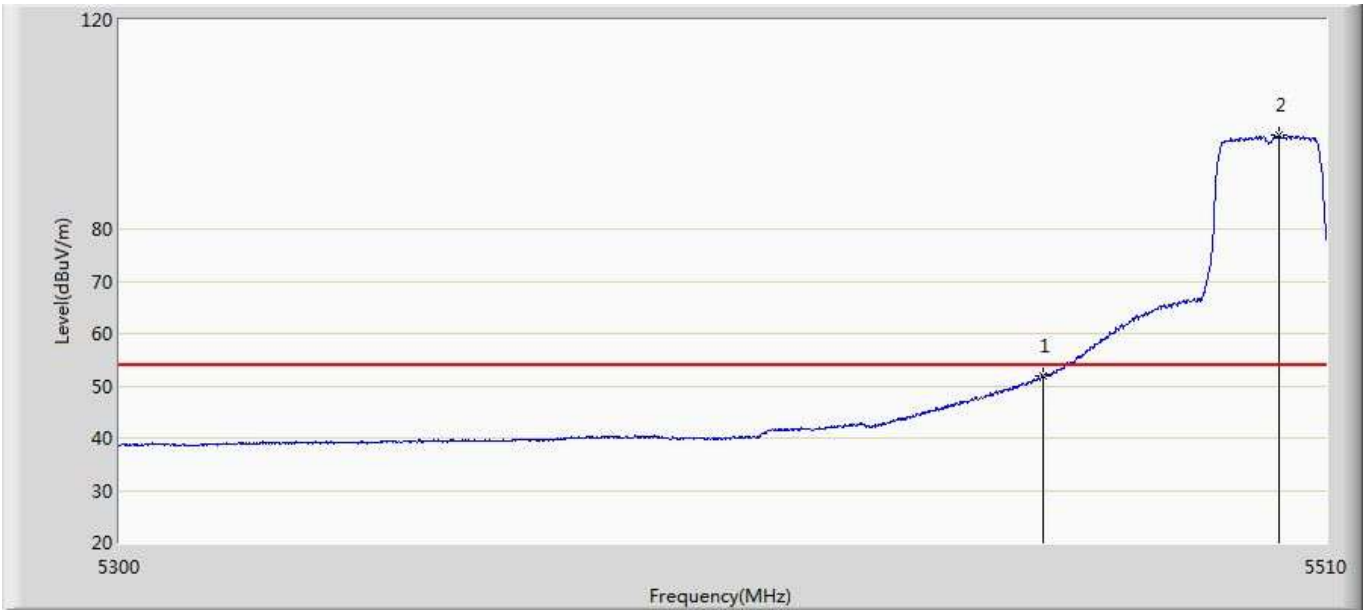
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.723	12.689	-1.277	54.000	40.034	AV
2	*	5503.490	98.421	58.306	44.421	54.000	40.115	AV

Profile: 17C2130R	Page No.: 86
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1	



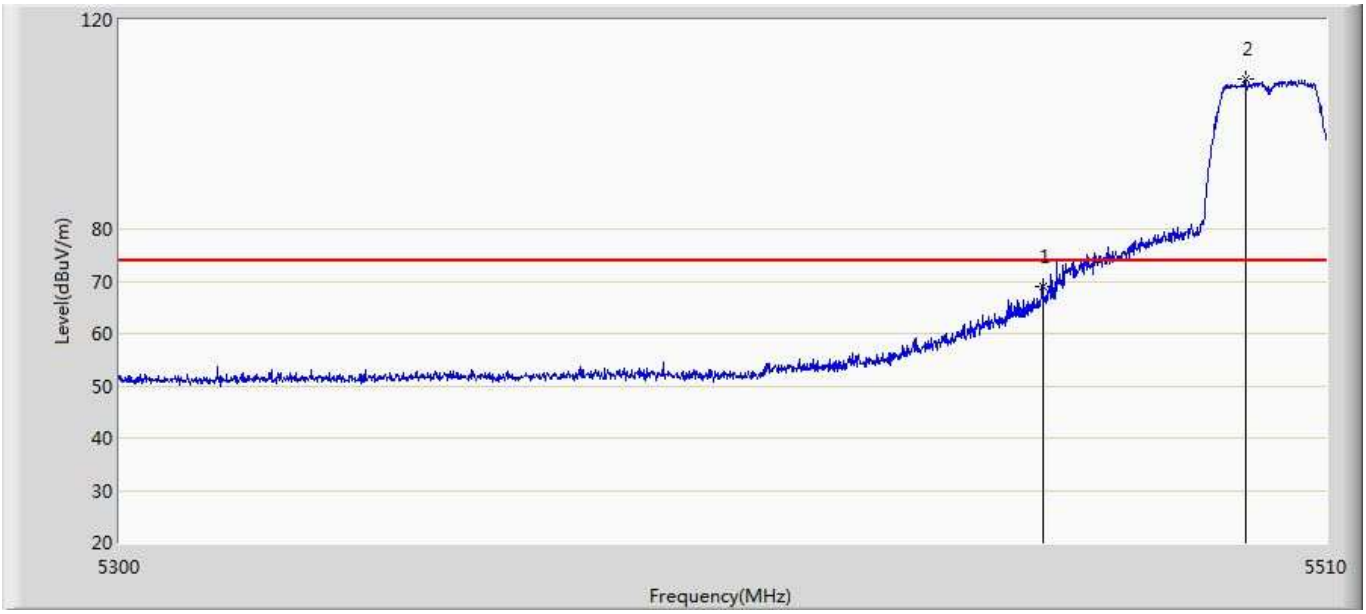
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	67.897	27.863	-6.103	74.000	40.034	PK
2	*	5502.650	109.031	68.913	35.031	74.000	40.117	PK

Profile: 17C2130R	Page No.: 87
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:38
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1	



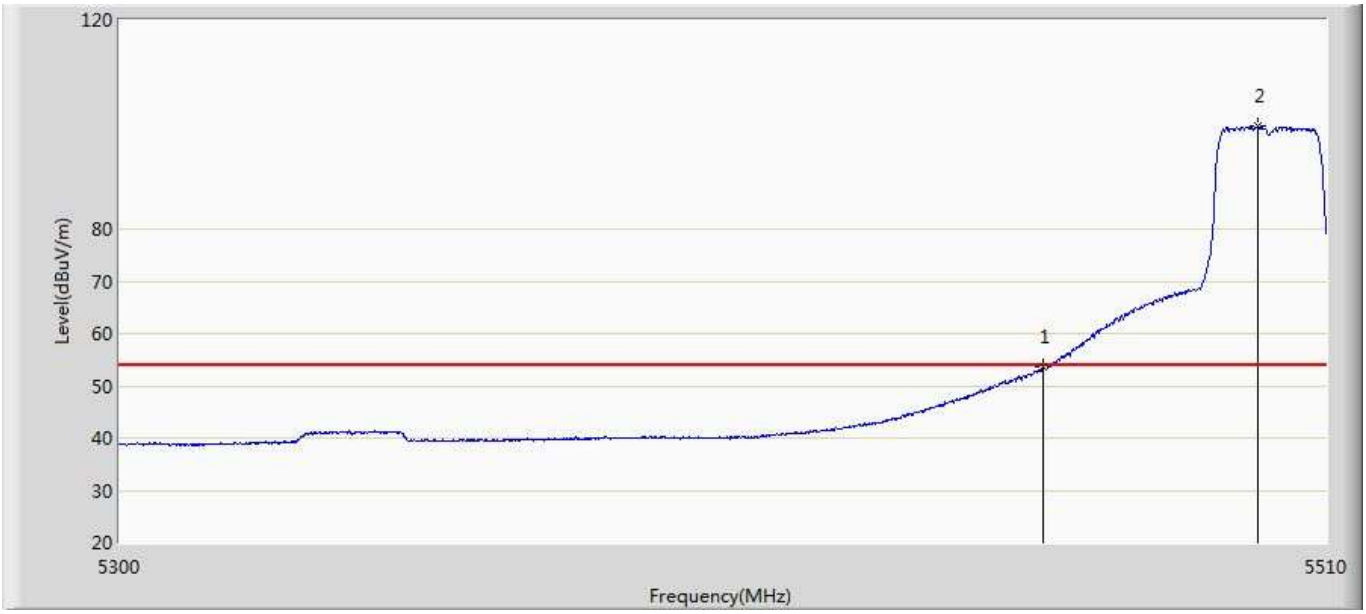
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.846	11.812	-2.154	54.000	40.034	AV
2	*	5501.810	97.898	57.778	43.898	54.000	40.120	AV

Profile: 17C2130R	Page No.: 88
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1	



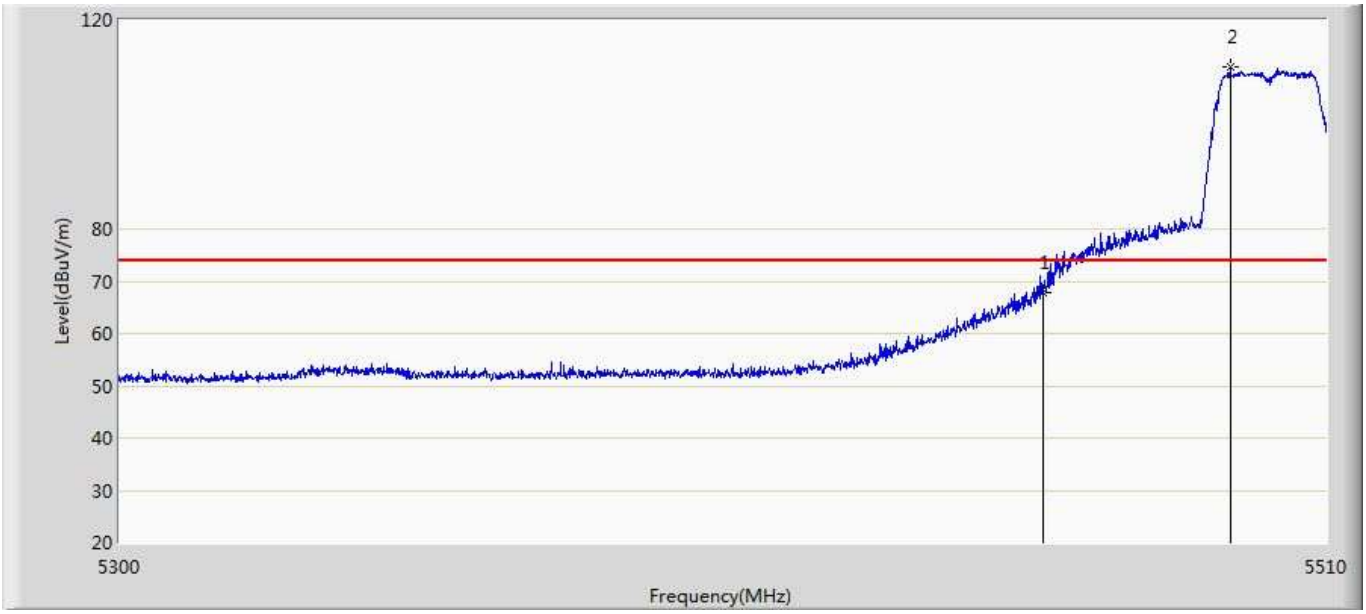
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	69.062	29.028	-4.938	74.000	40.034	PK
2	*	5495.720	108.753	68.616	34.753	74.000	40.138	PK

Profile: 17C2130R	Page No.: 89
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant2	



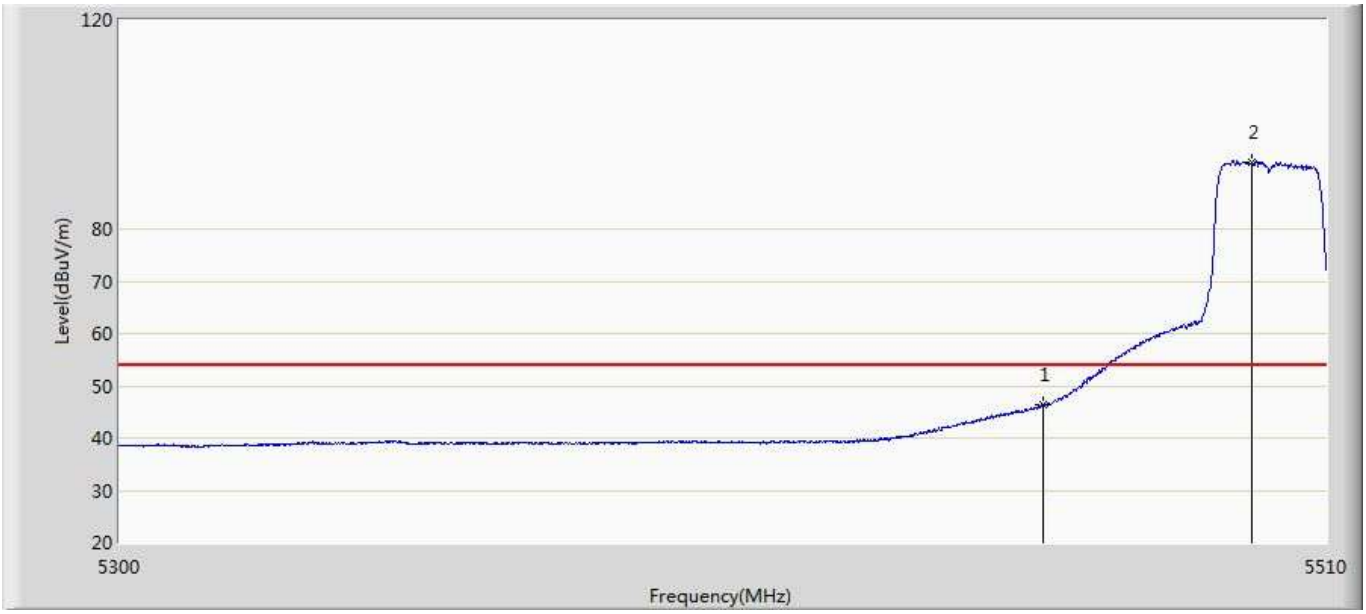
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	53.525	13.491	-0.475	54.000	40.034	AV
2	*	5497.820	99.658	59.526	45.658	54.000	40.132	AV

Profile: 17C2130R	Page No.: 90
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant2	



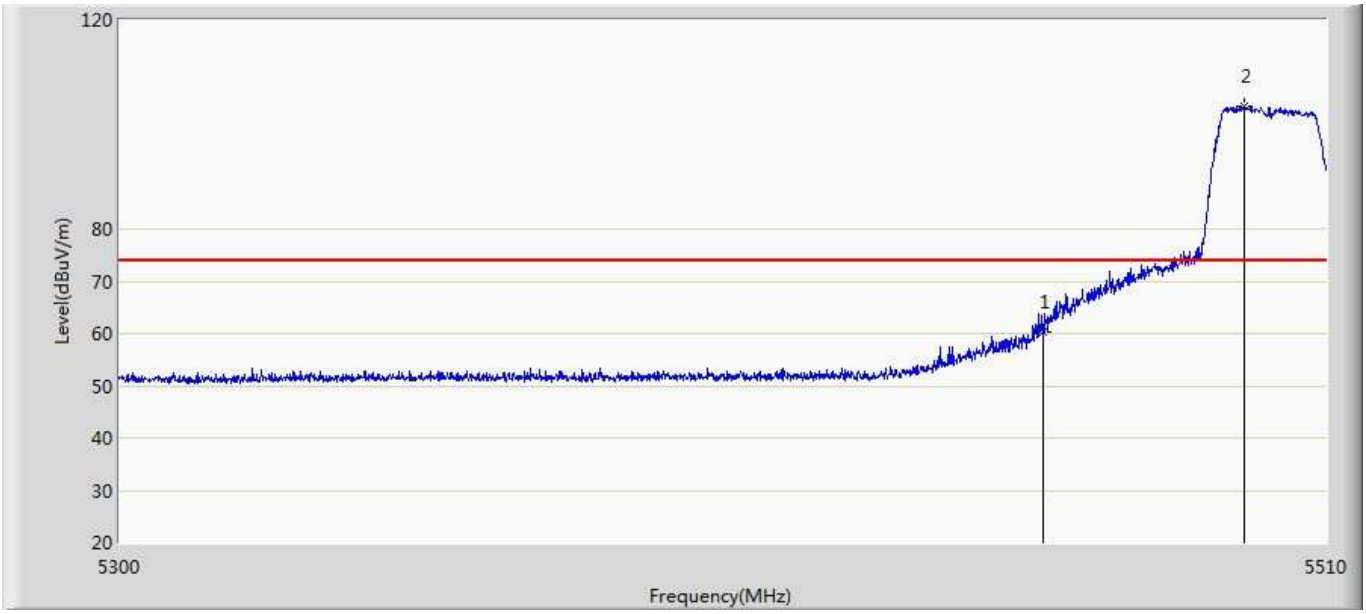
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	67.724	27.690	-6.276	74.000	40.034	PK
2	*	5493.095	110.895	70.750	36.895	74.000	40.145	PK

Profile: 17C2130R	Page No.: 91
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant2	



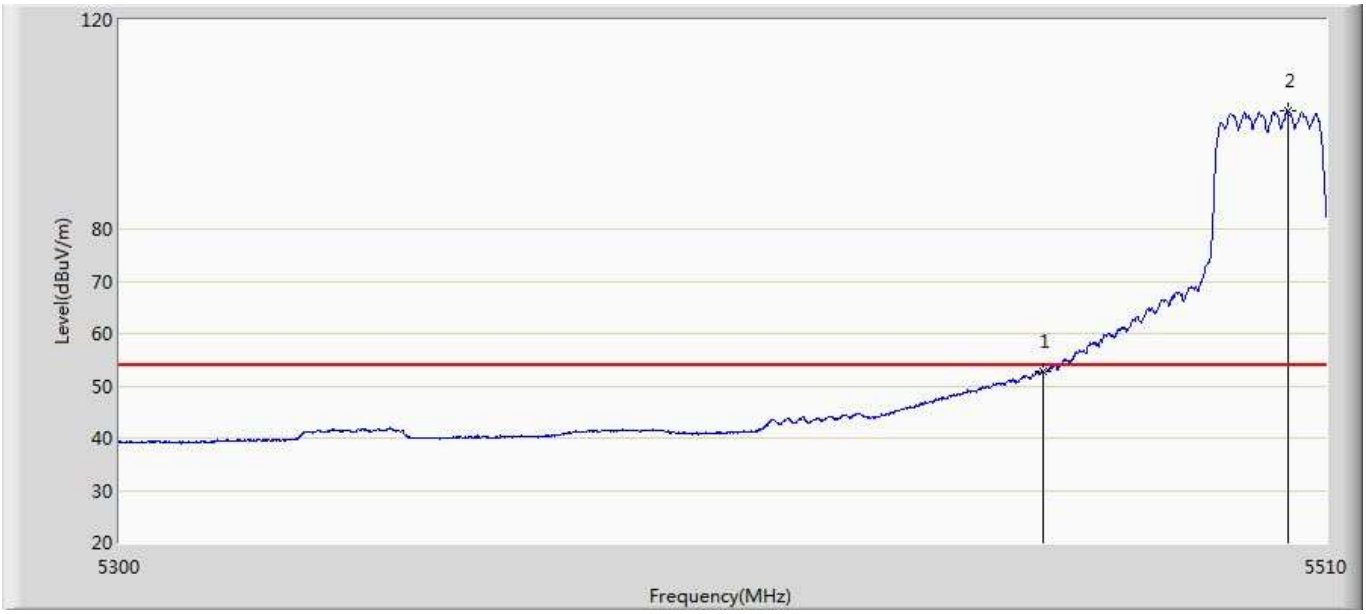
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.338	6.304	-7.662	54.000	40.034	AV
2	*	5496.875	92.872	52.738	38.872	54.000	40.134	AV

Profile: 17C2130R	Page No.: 92
Engineer: Eric	
Site: AC5	Time: 2018/03/12 - 20:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant2	



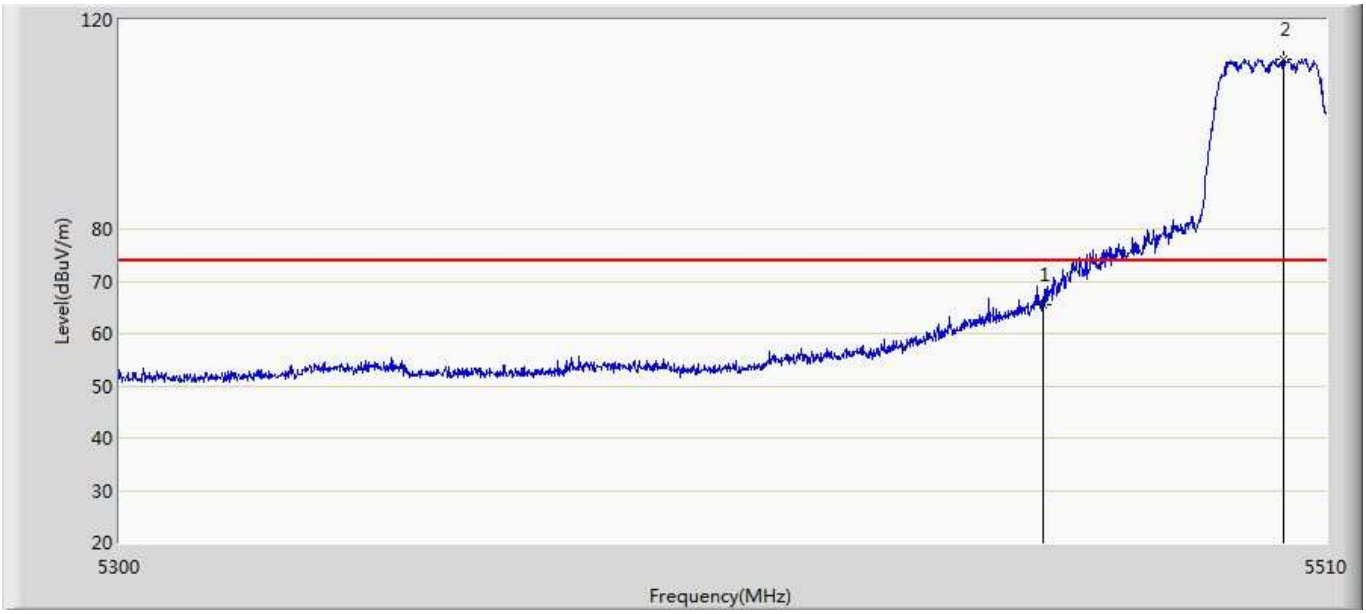
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	60.405	20.371	-13.595	74.000	40.034	PK
2	*	5495.405	103.418	63.280	29.418	74.000	40.138	PK

Profile: 17C2130R	Page No.: 93
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:13
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1+2	



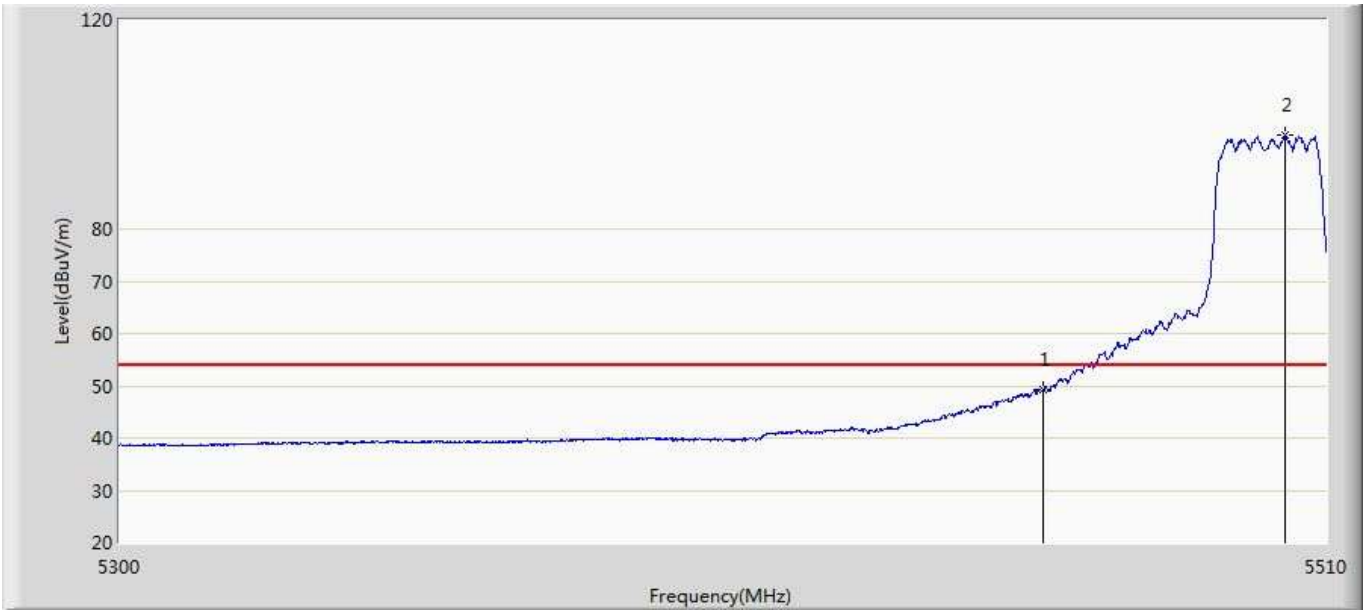
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.664	12.630	-1.336	54.000	40.034	AV
2	*	5503.175	102.543	62.427	48.543	54.000	40.116	AV

Profile: 17C2130R	Page No.: 94
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:19
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1+2	



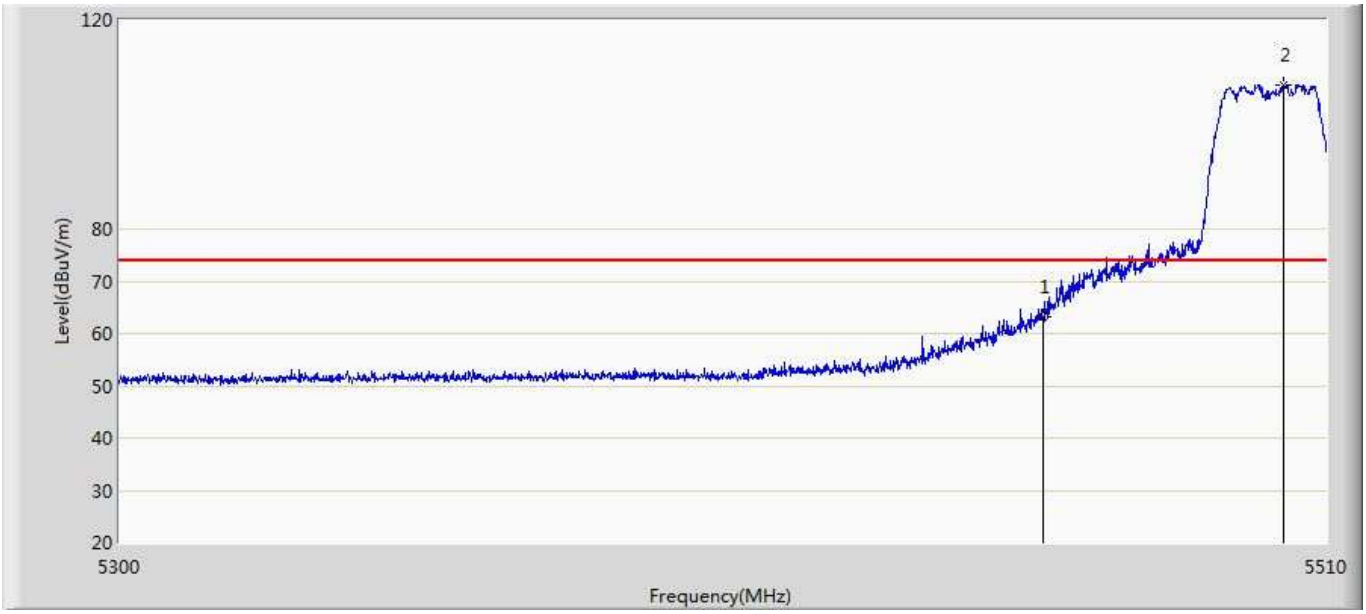
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.413	25.379	-8.587	74.000	40.034	PK
2	*	5502.545	112.496	72.378	38.496	74.000	40.118	PK

Profile: 17C2130R	Page No.: 95
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1+2	



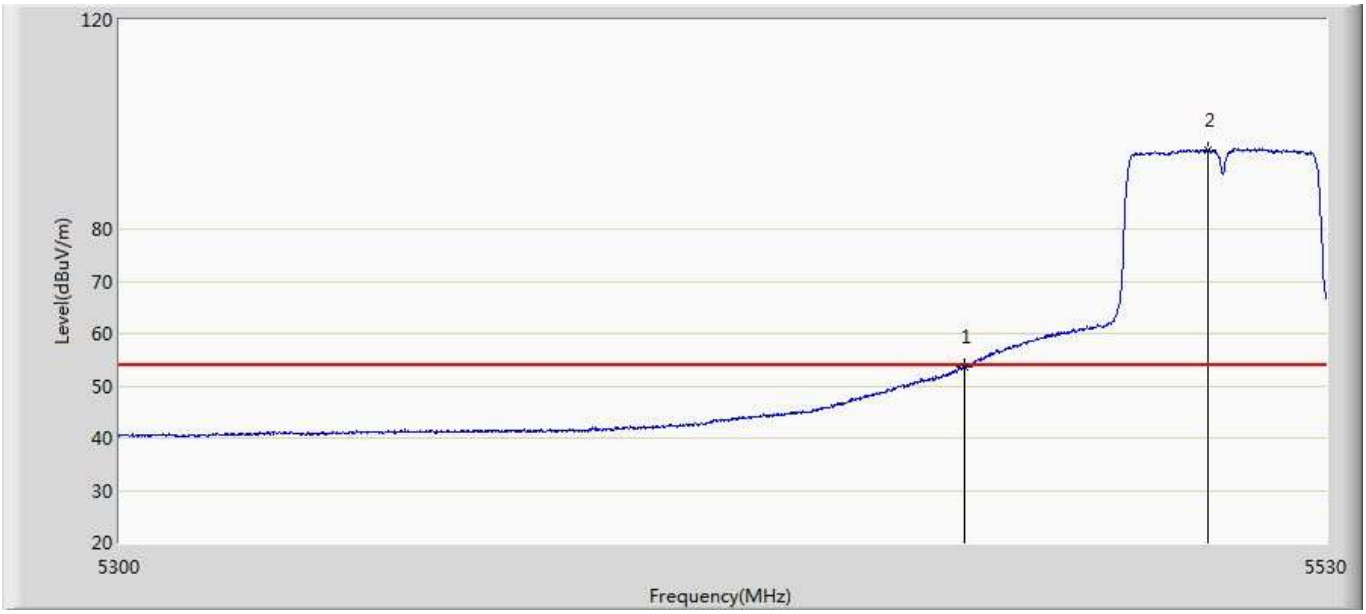
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.142	9.108	-4.858	54.000	40.034	AV
2	*	5502.650	97.957	57.839	43.957	54.000	40.117	AV

Profile: 17C2130R	Page No.: 96
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20 Ant1+2	



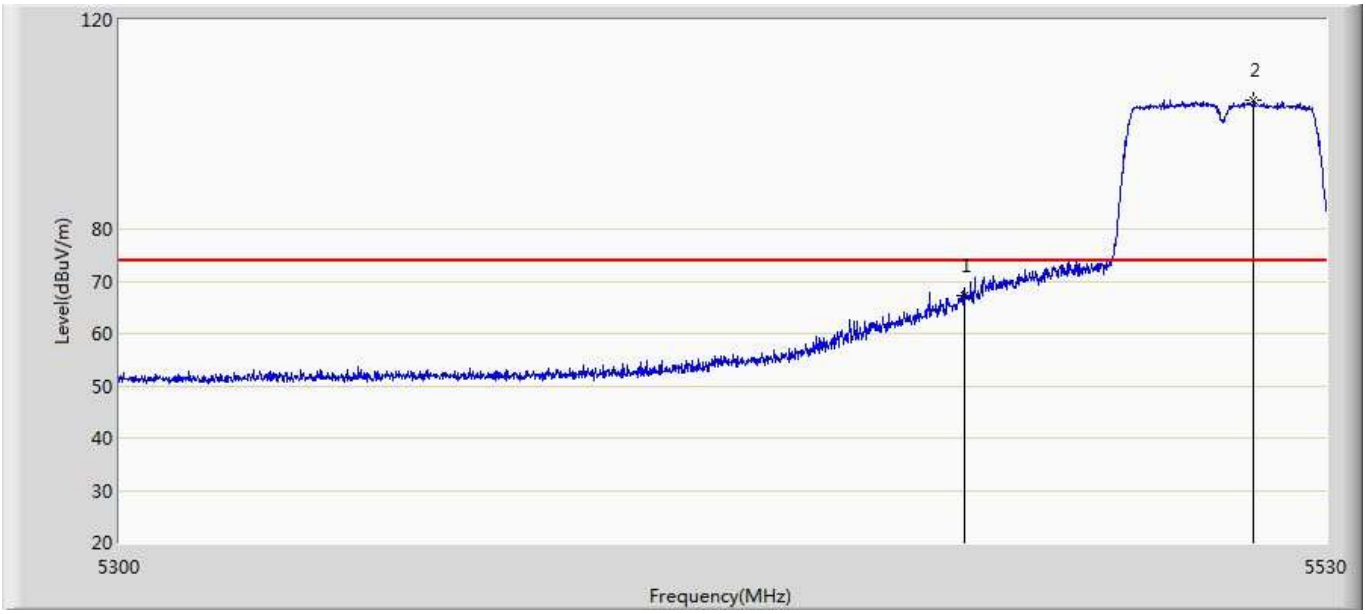
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	63.102	23.068	-10.898	74.000	40.034	PK
2	*	5502.545	107.589	67.471	33.589	74.000	40.118	PK

Profile: 17C2130R	Page No.: 109
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:04
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1	



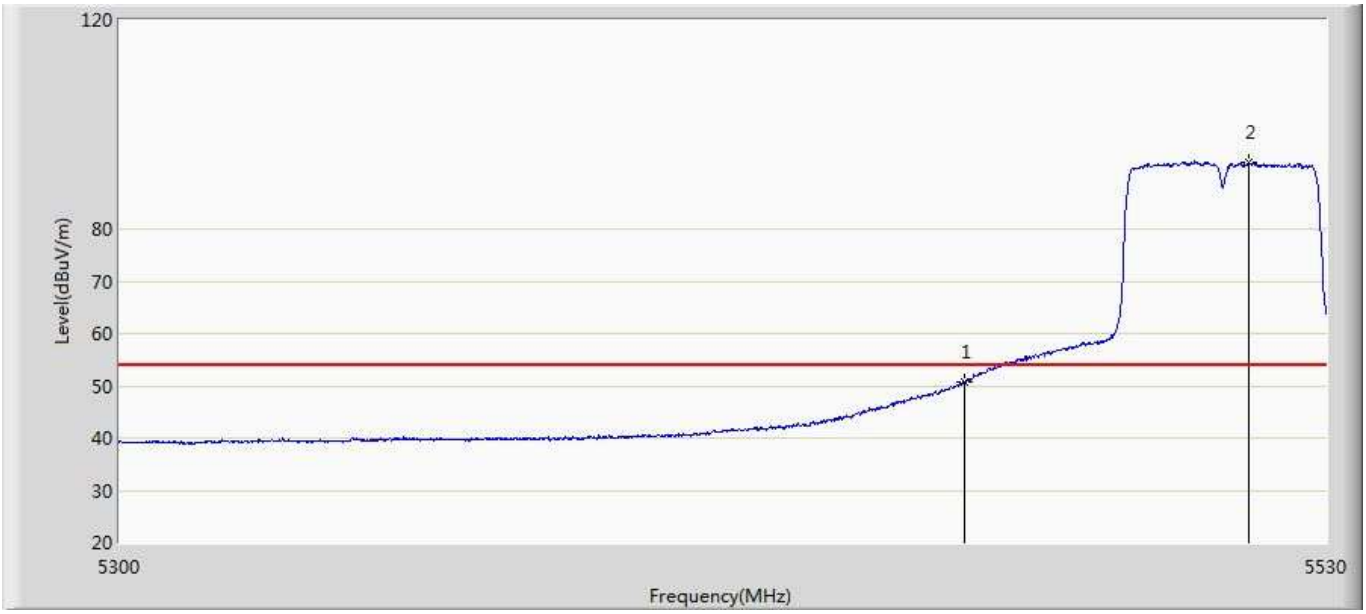
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	53.492	13.458	-0.508	54.000	40.034	AV
2	*	5507.230	95.021	54.907	41.021	54.000	40.113	AV

Profile: 17C2130R	Page No.: 110
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1	



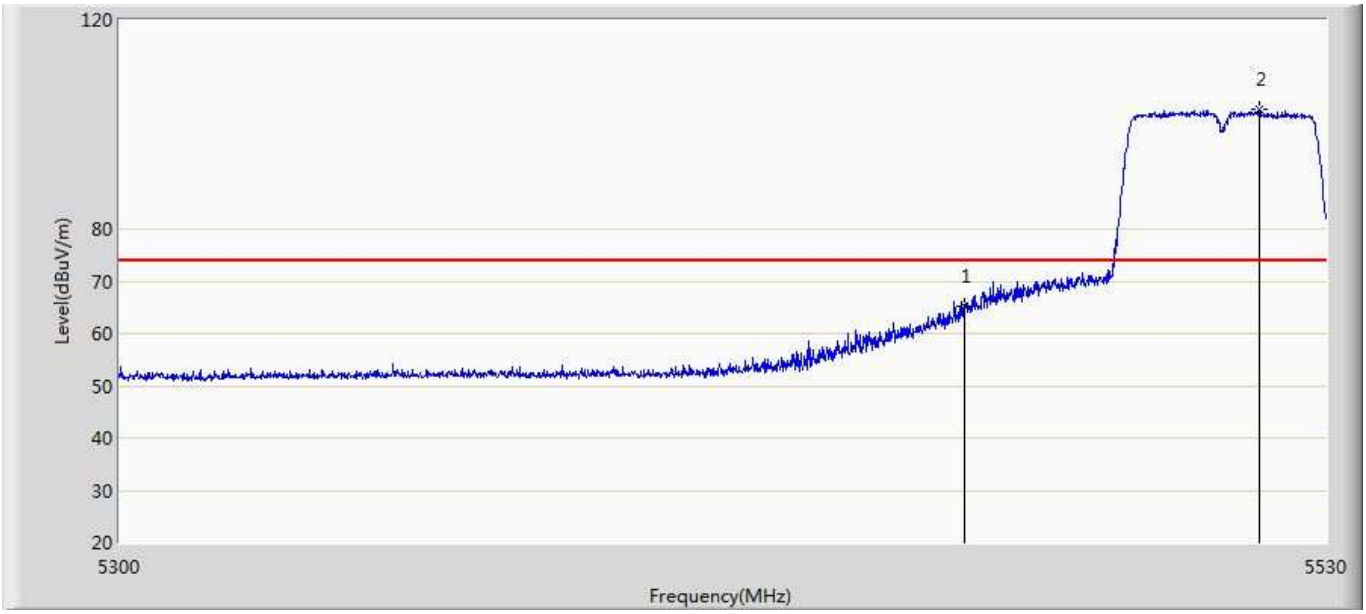
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	67.275	27.241	-6.725	74.000	40.034	PK
2	*	5515.970	104.623	64.500	30.623	74.000	40.123	PK

Profile: 17C2130R	Page No.: 111
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1	



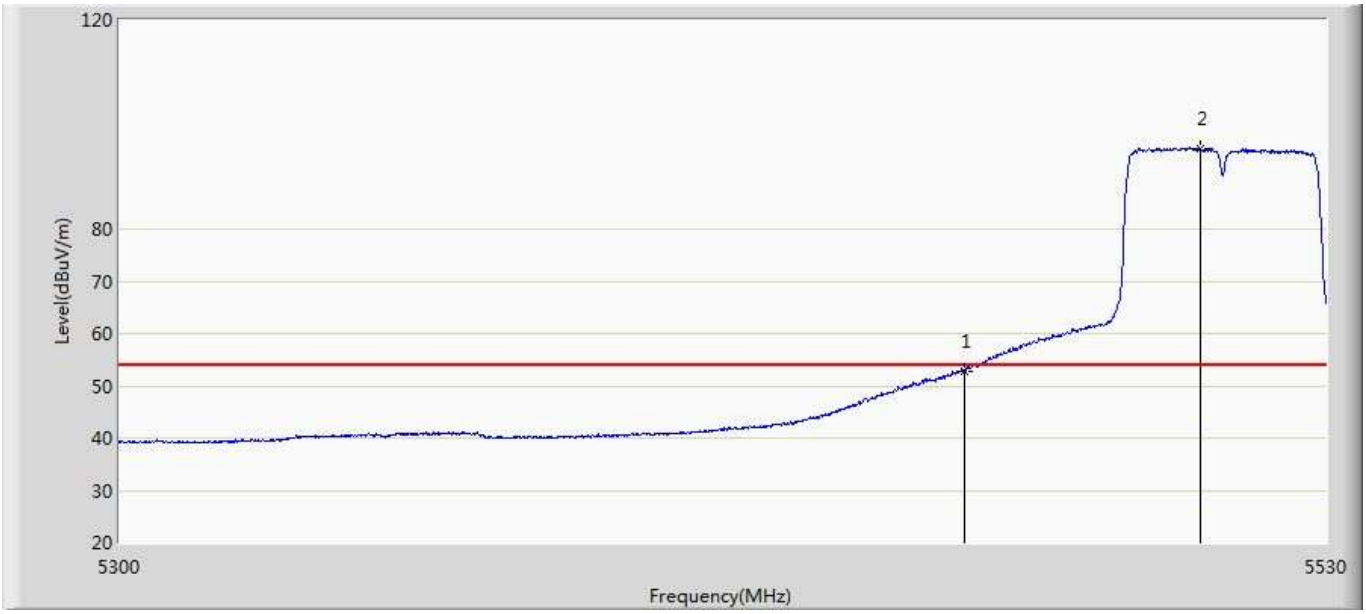
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	50.717	10.683	-3.283	54.000	40.034	AV
2	*	5515.050	92.634	52.512	38.634	54.000	40.122	AV

Profile: 17C2130R	Page No.: 112
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:09
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1	



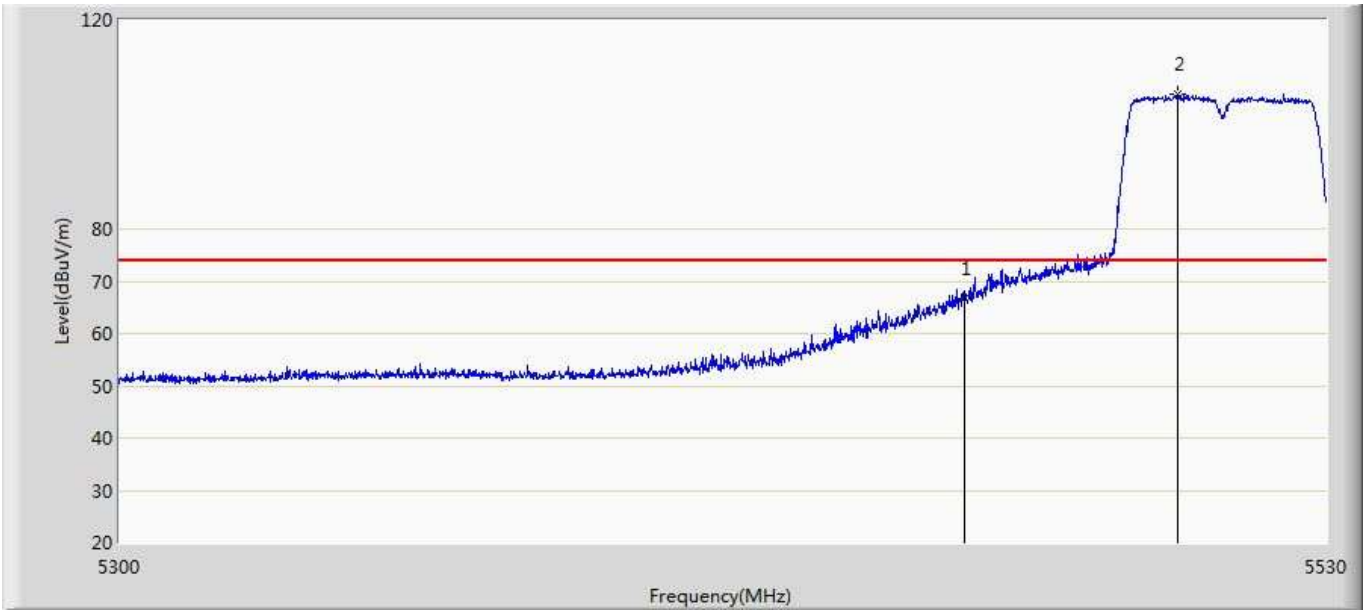
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.176	25.142	-8.824	74.000	40.034	PK
2	*	5517.005	102.905	62.781	28.905	74.000	40.124	PK

Profile: 17C2130R	Page No.: 113
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:18
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant2	



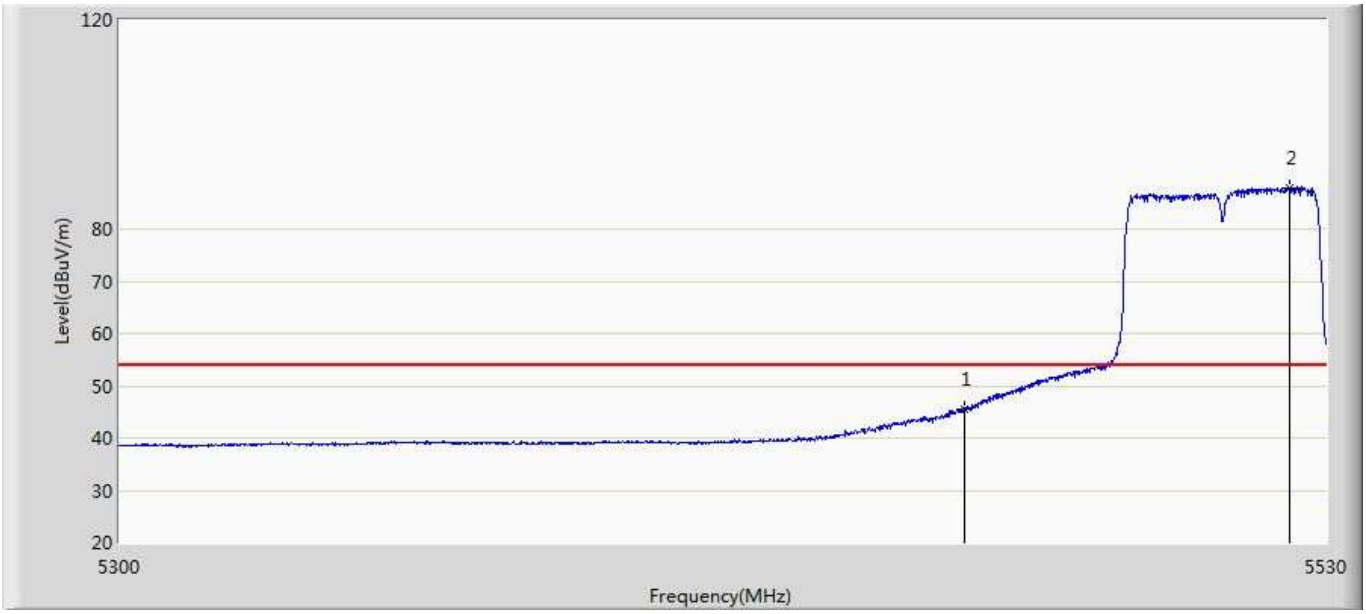
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.842	12.808	-1.158	54.000	40.034	AV
2	*	5505.620	95.378	55.266	41.378	54.000	40.112	AV

Profile: 17C2130R	Page No.: 114
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant2	



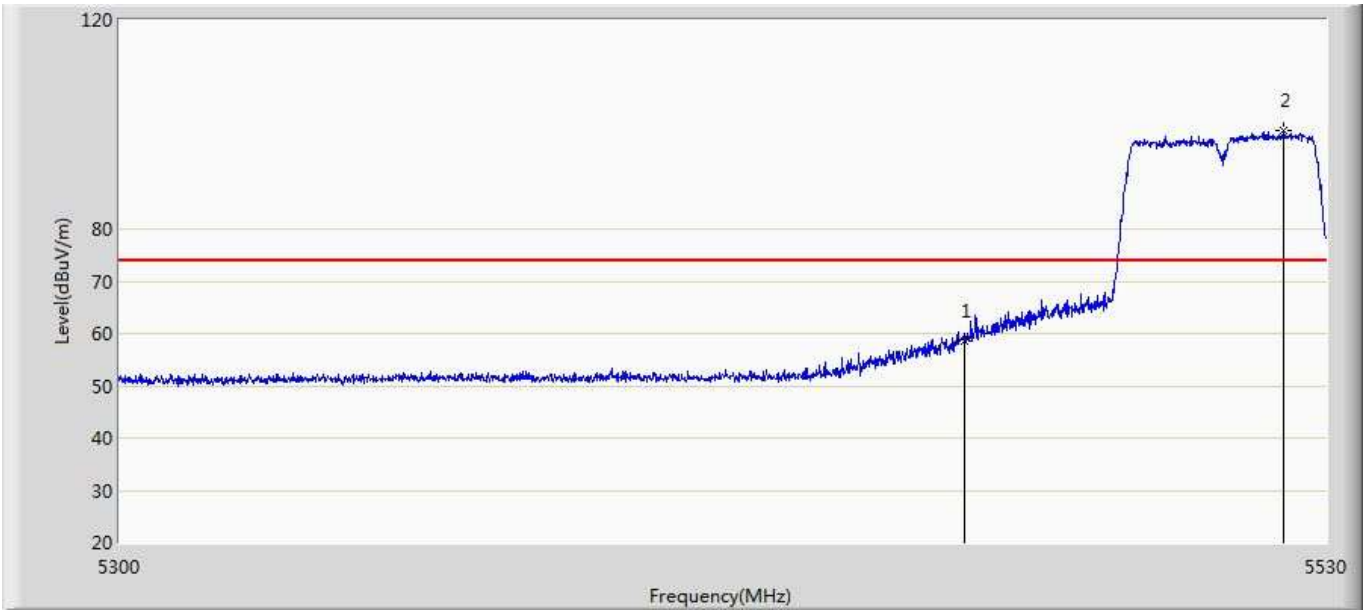
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	66.667	26.633	-7.333	74.000	40.034	PK
2	*	5501.365	105.746	65.625	31.746	74.000	40.121	PK

Profile: 17C2130R	Page No.: 115
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:23
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant2	



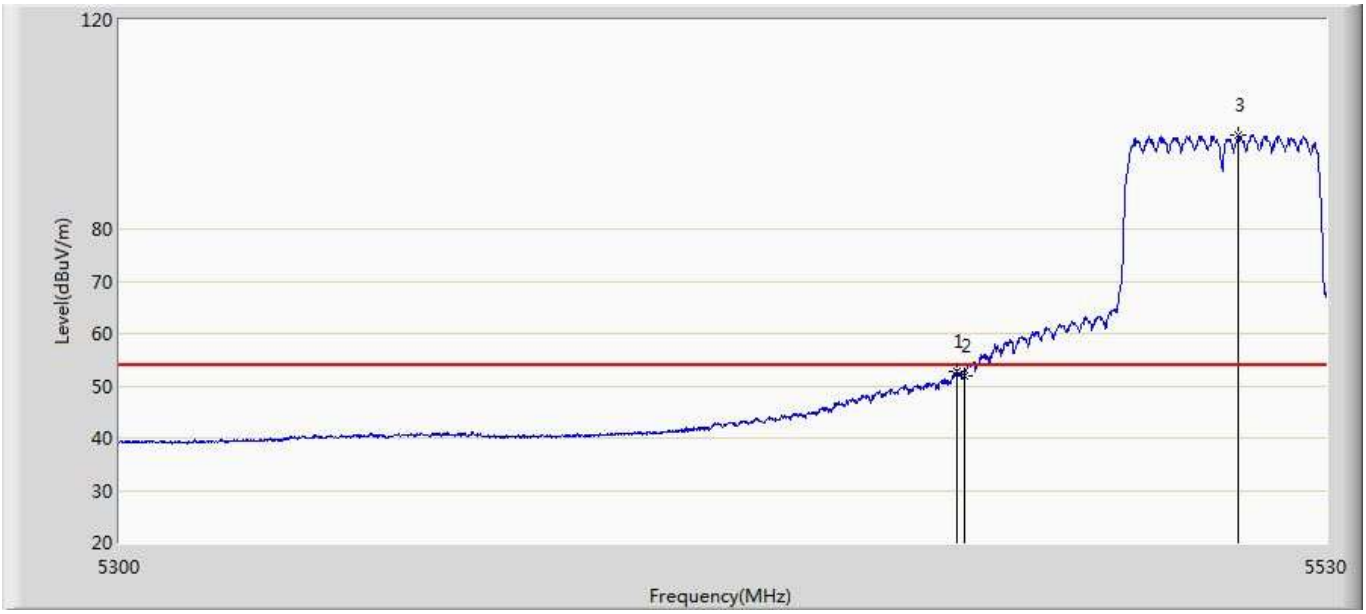
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	45.652	5.618	-8.348	54.000	40.034	AV
2	*	5522.870	87.873	47.734	33.873	54.000	40.139	AV

Profile: 17C2130R	Page No.: 116
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant2	



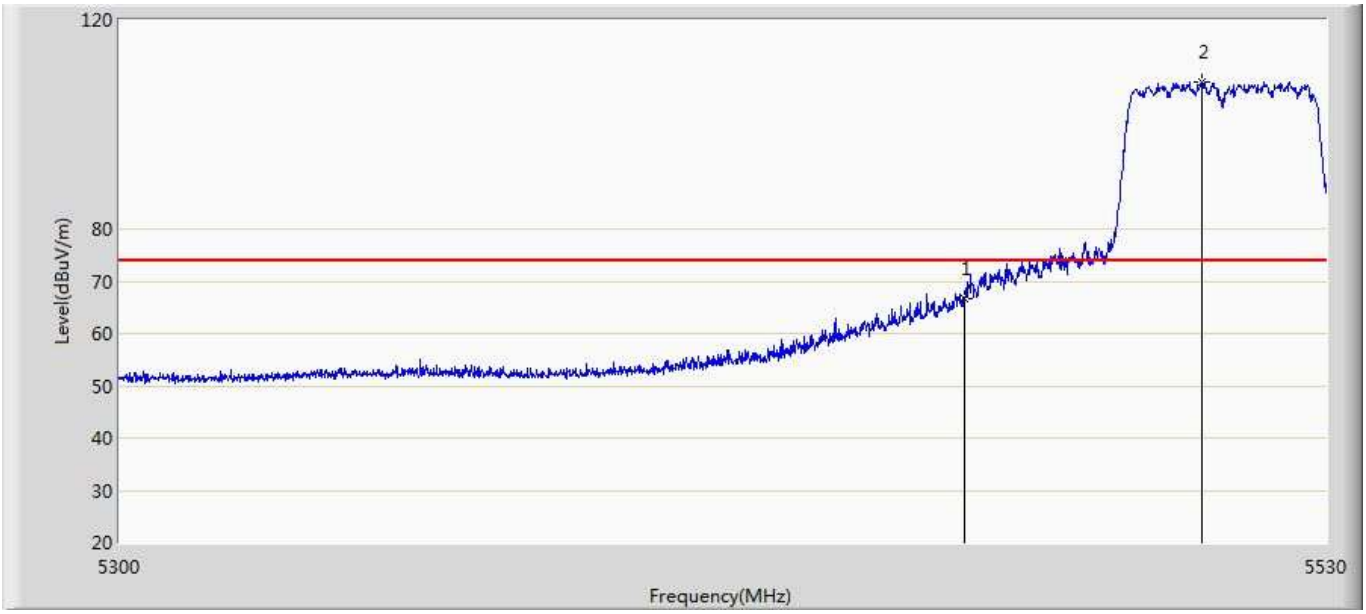
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.632	18.598	-15.368	74.000	40.034	PK
2	*	5521.835	98.818	58.688	24.818	74.000	40.130	PK

Profile: 17C2130R	Page No.: 117
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:26
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1+2	



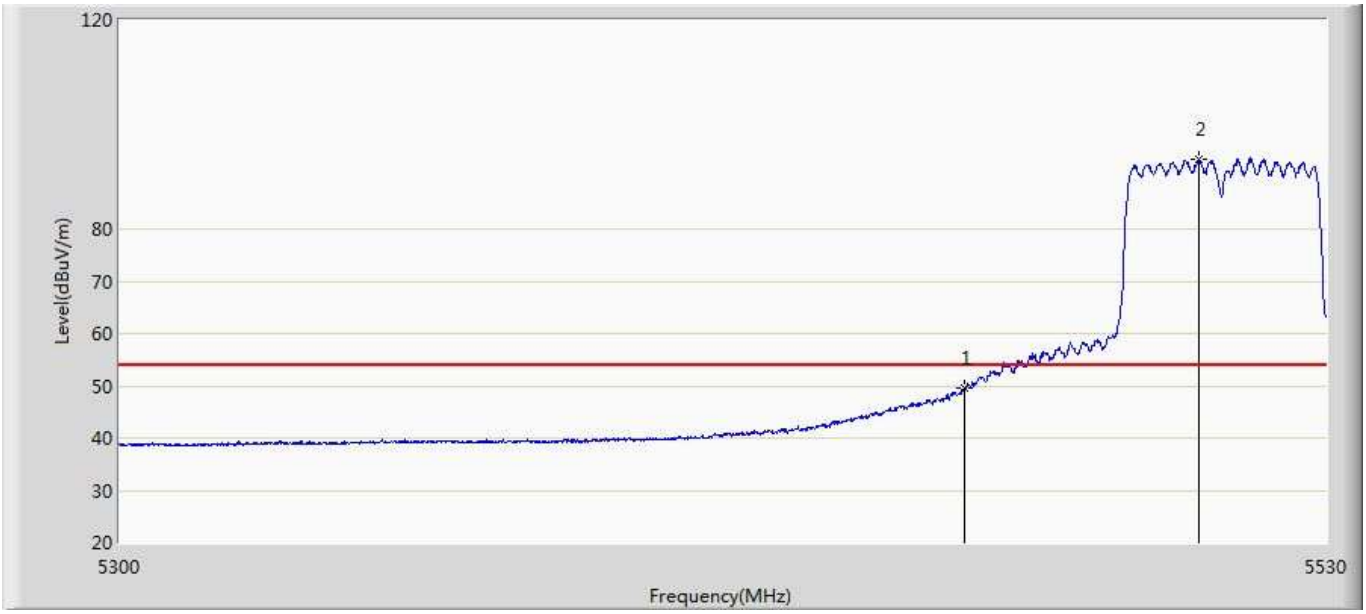
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5458.585	52.822	12.787	-1.178	54.000	40.036	AV
2		5460.000	51.935	11.901	-2.065	54.000	40.034	AV
3	*	5513.095	98.089	57.969	44.089	54.000	40.120	AV

Profile: 17C2130R	Page No.: 118
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1+2	



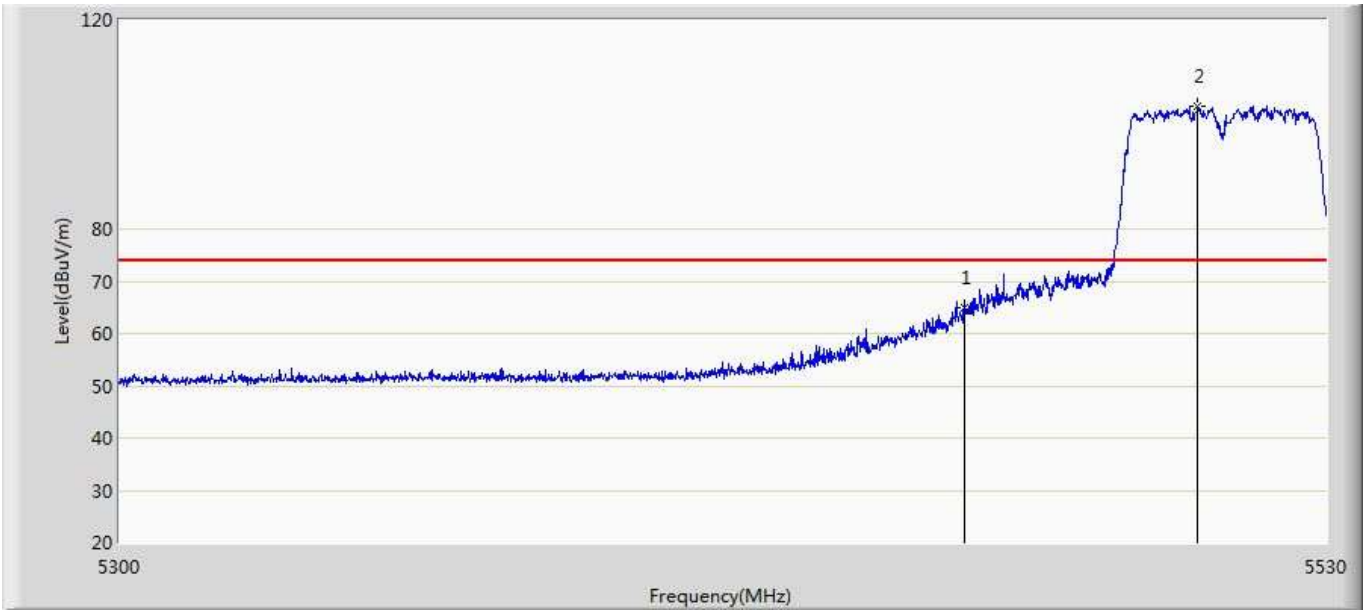
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	66.563	26.529	-7.437	74.000	40.034	PK
2	*	5505.850	108.006	67.894	34.006	74.000	40.112	PK

Profile: 17C2130R	Page No.: 119
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:34
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1+2	



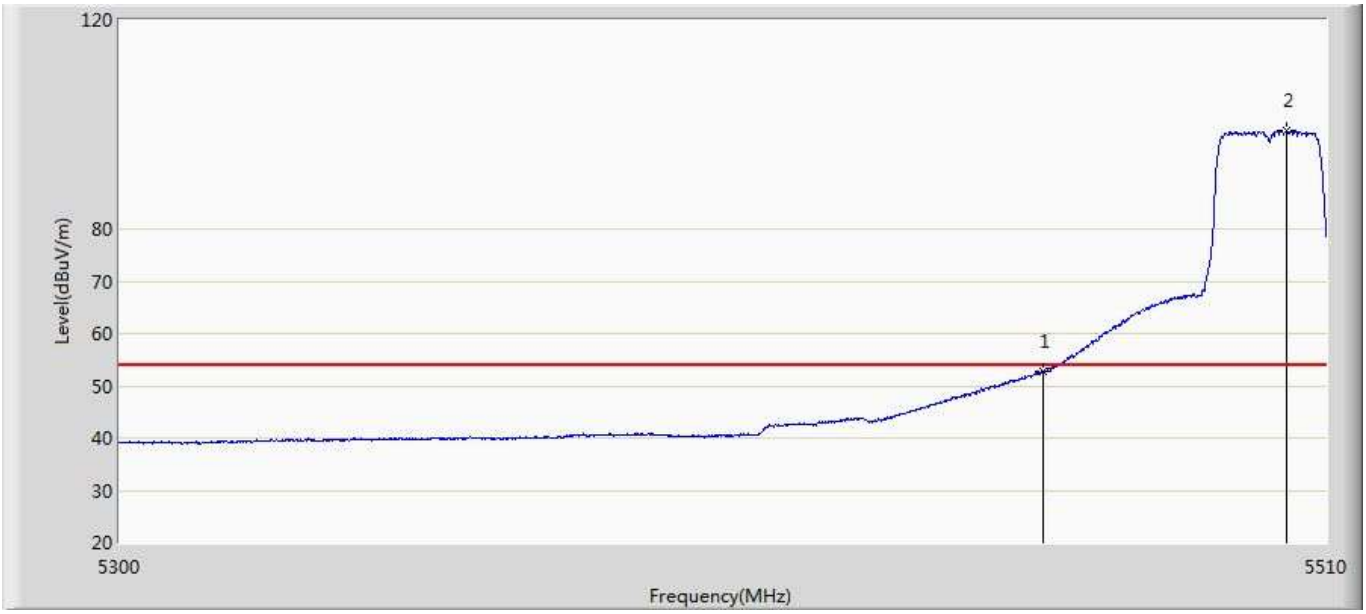
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	49.500	9.466	-4.500	54.000	40.034	AV
2	*	5505.390	93.468	53.357	39.468	54.000	40.112	AV

Profile: 17C2130R	Page No.: 120
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 16:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40 Ant1+2	



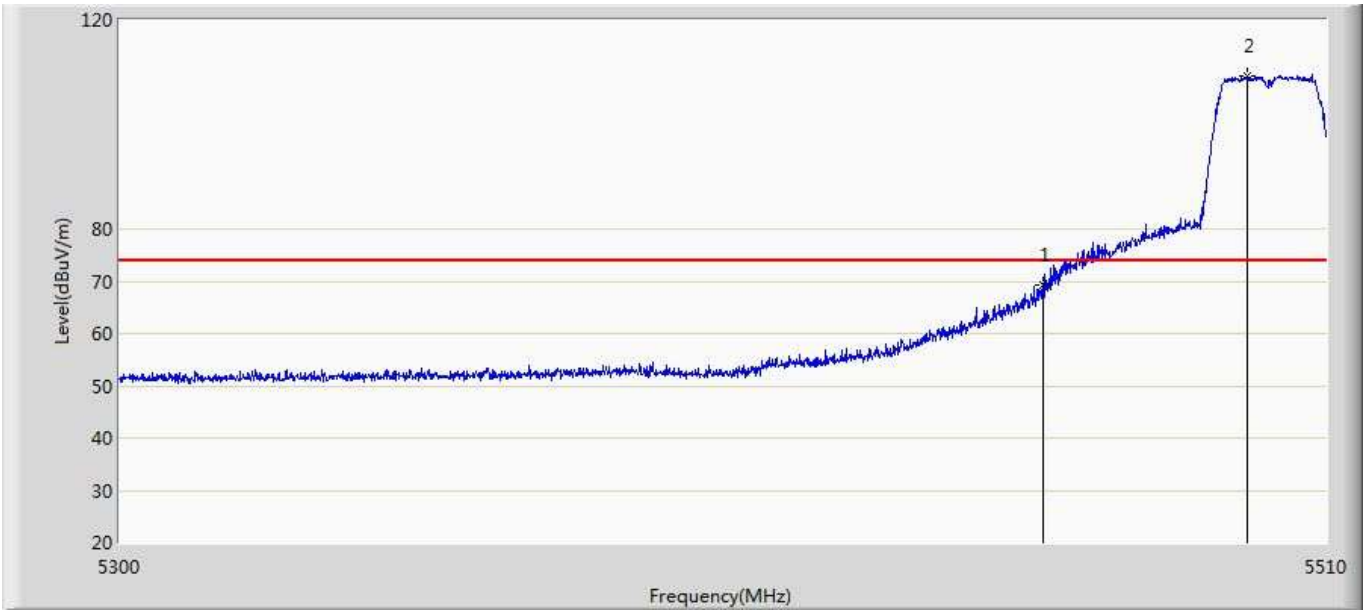
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	64.889	24.855	-9.111	74.000	40.034	PK
2	*	5505.045	103.493	63.382	29.493	74.000	40.111	PK

Profile: 17C2130R	Page No.: 97
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:25
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant1	



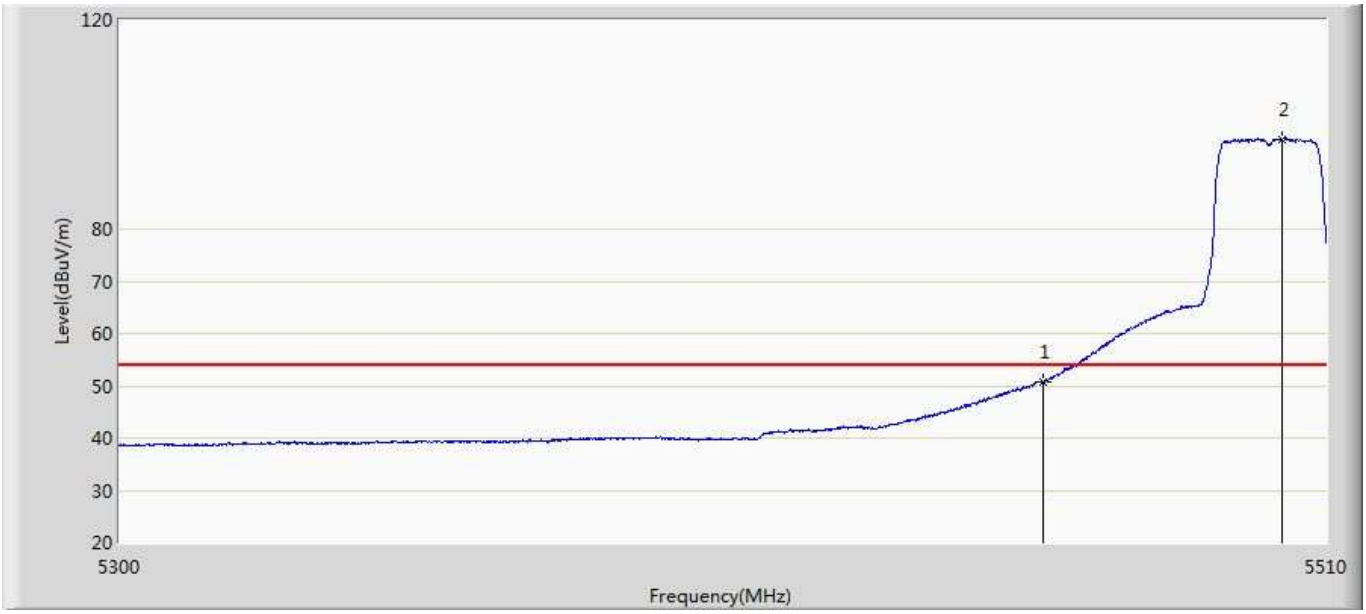
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.807	12.773	-1.193	54.000	40.034	AV
2	*	5503.070	98.758	58.641	44.758	54.000	40.117	AV

Profile: 17C2130R	Page No.: 98
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:31
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant1	



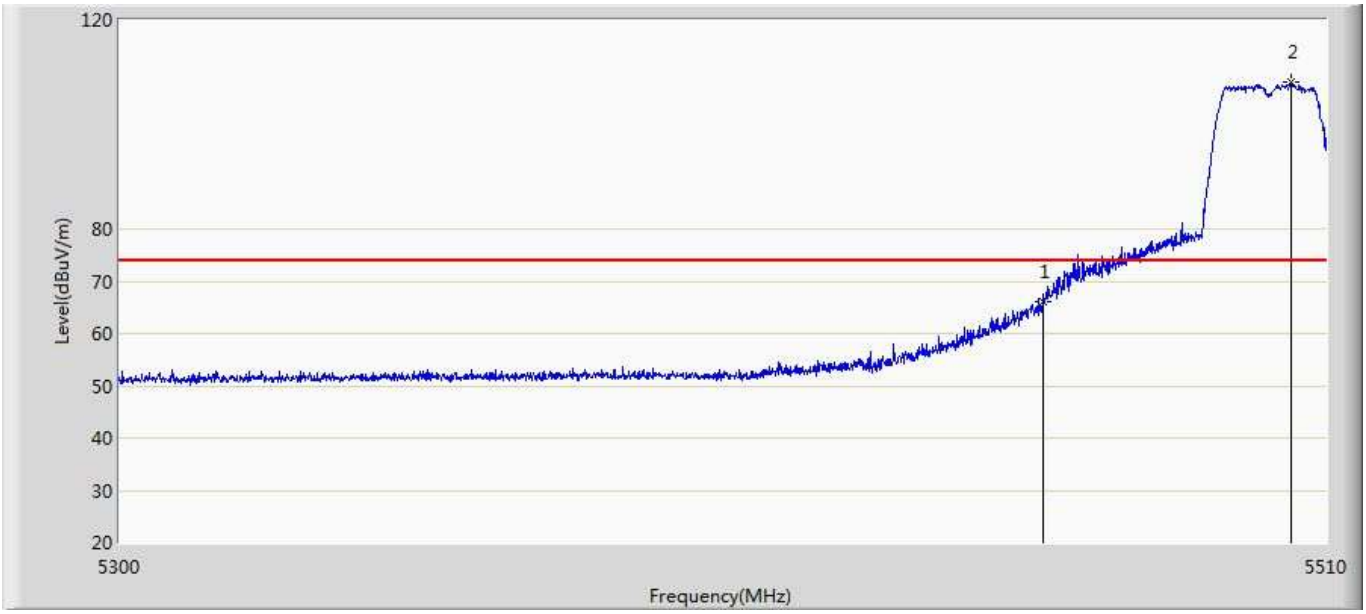
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	69.179	29.145	-4.821	74.000	40.034	PK
2	*	5496.140	109.379	69.243	35.379	74.000	40.136	PK

Profile: 17C2130R	Page No.: 99
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:32
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant1	



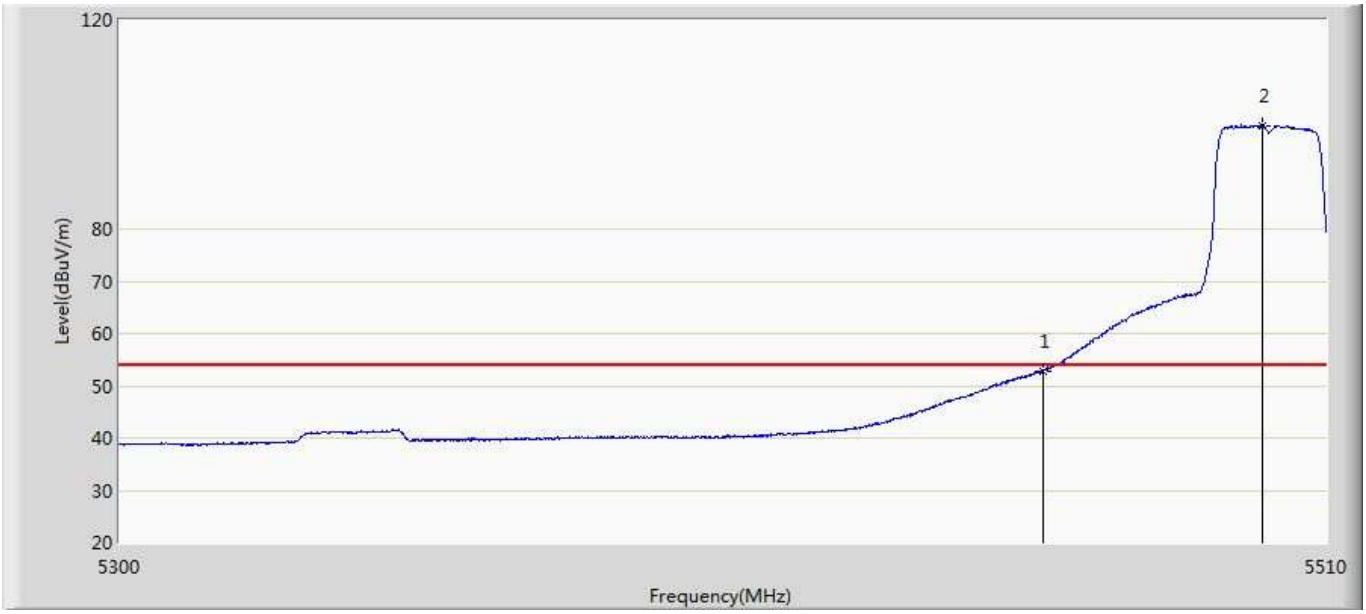
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	50.777	10.743	-3.223	54.000	40.034	AV
2	*	5502.230	97.229	57.110	43.229	54.000	40.119	AV

Profile: 17C2130R	Page No.: 100
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:35
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant1	



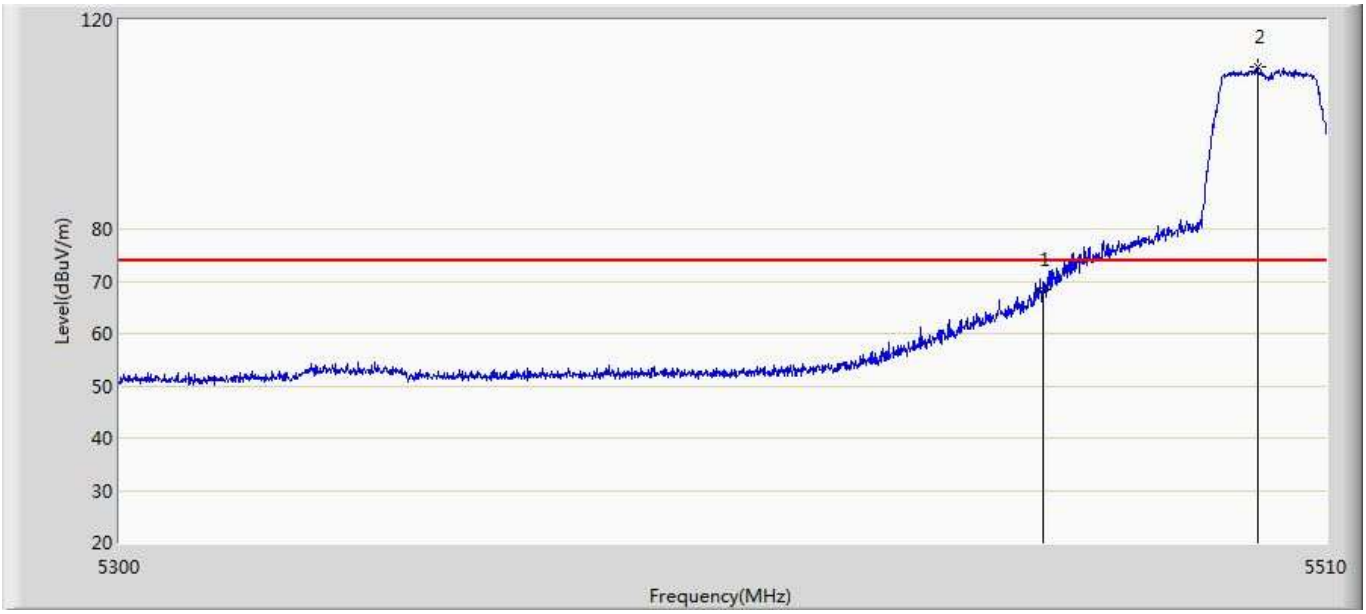
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	66.186	26.152	-7.814	74.000	40.034	PK
2	*	5503.805	108.023	67.909	34.023	74.000	40.115	PK

Profile: 17C2130R	Page No.: 101
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant2	



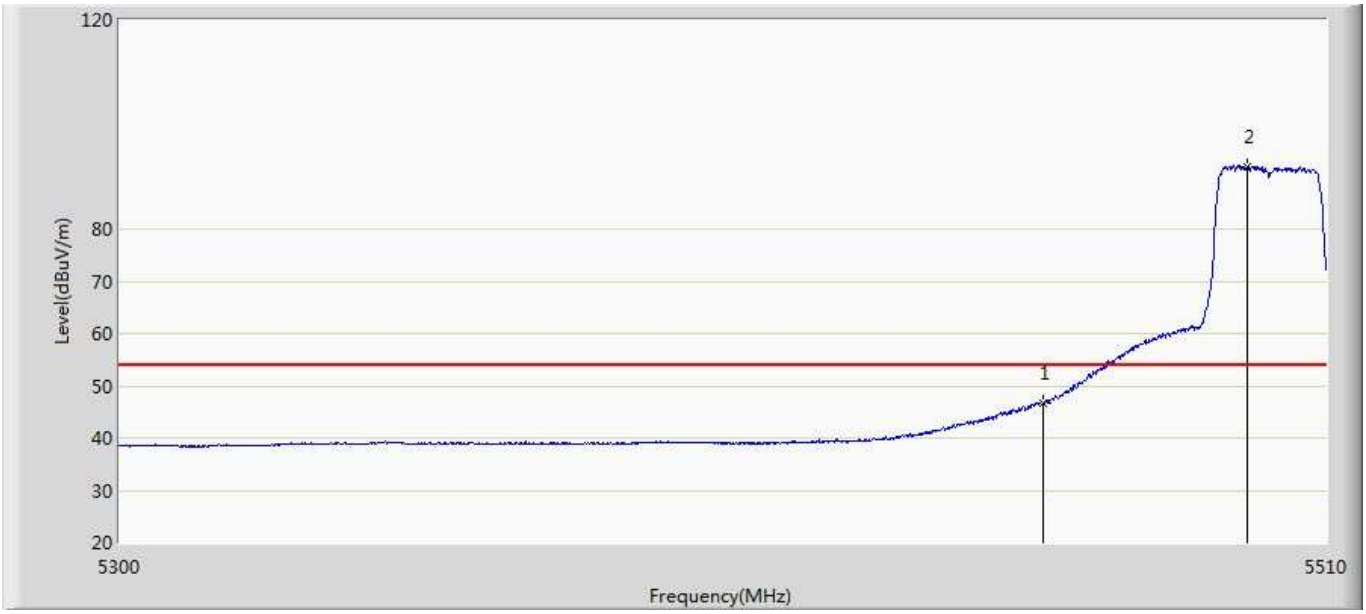
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.882	12.848	-1.118	54.000	40.034	AV
2	*	5498.870	99.698	59.569	45.698	54.000	40.128	AV

Profile: 17C2130R	Page No.: 102
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant2	



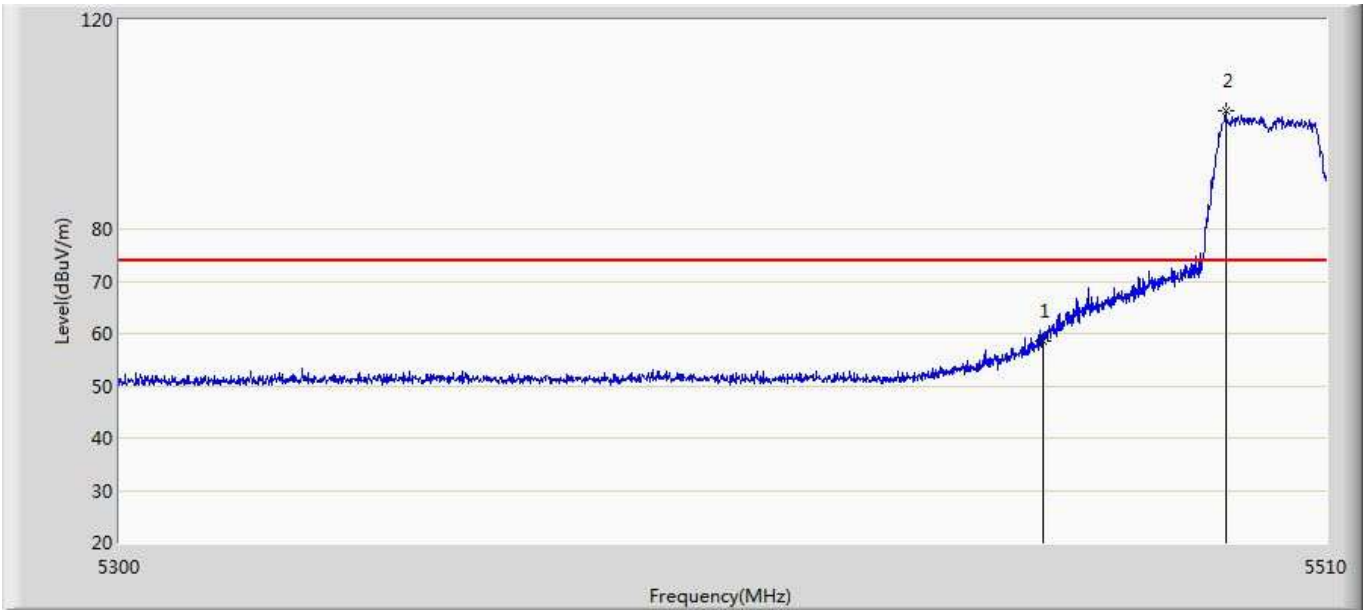
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	68.263	28.229	-5.737	74.000	40.034	PK
2	*	5497.820	110.918	70.786	36.918	74.000	40.132	PK

Profile: 17C2130R	Page No.: 103
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:41
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant2	



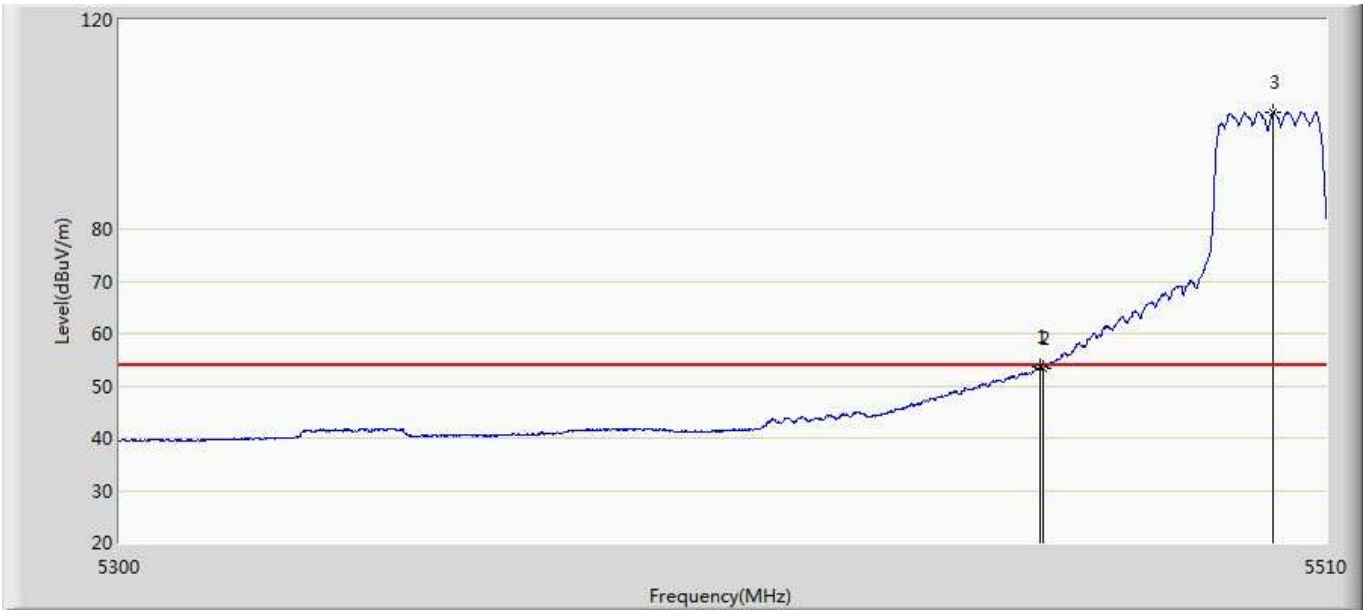
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.697	6.663	-7.303	54.000	40.034	AV
2	*	5496.140	92.003	51.867	38.003	54.000	40.136	AV

Profile: 17C2130R	Page No.: 104
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:43
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant2	



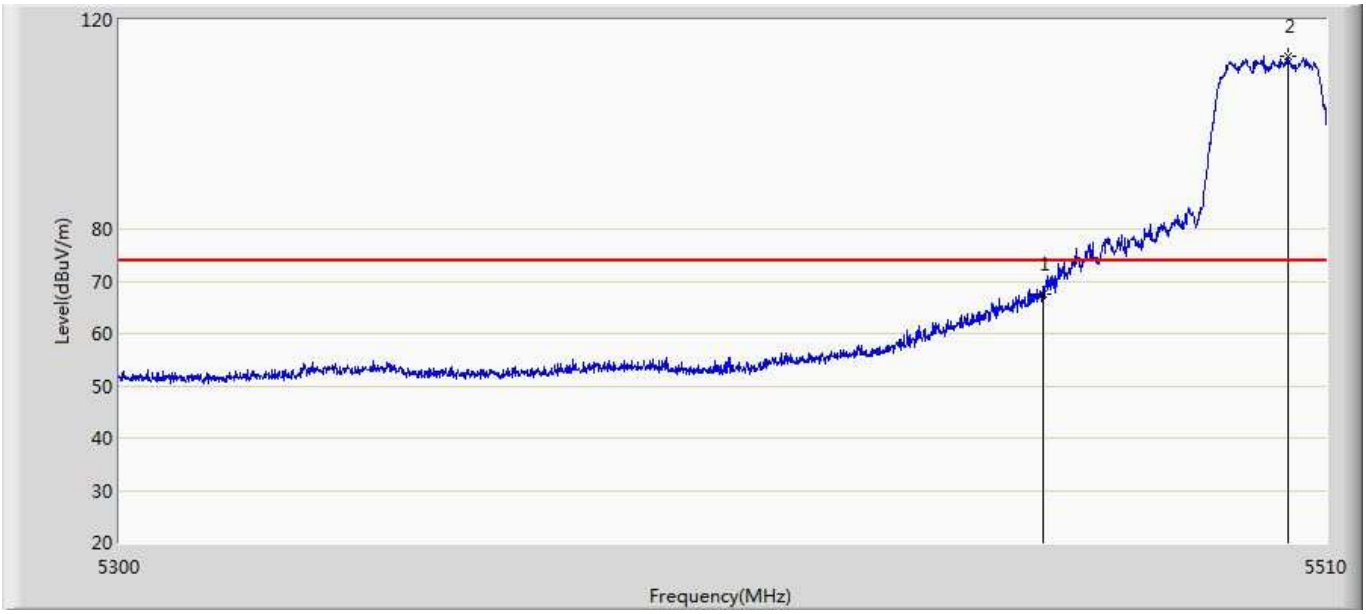
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.668	18.634	-15.332	74.000	40.034	PK
2	*	5492.255	102.525	62.378	28.525	74.000	40.148	PK

Profile: 17C2130R	Page No.: 105
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:45
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant1+2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5459.600	53.734	13.700	-0.266	54.000	40.035	AV
2		5460.000	53.299	13.265	-0.701	54.000	40.034	AV
3	*	5500.655	102.461	62.338	48.461	54.000	40.123	AV

Profile: 17C2130R	Page No.: 106
Engineer: Eric	
Site: AC5	Time: 2018/03/14 - 15:48
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20 Ant1+2	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	67.634	27.600	-6.366	74.000	40.034	PK
2	*	5503.175	112.936	72.820	38.936	74.000	40.116	PK