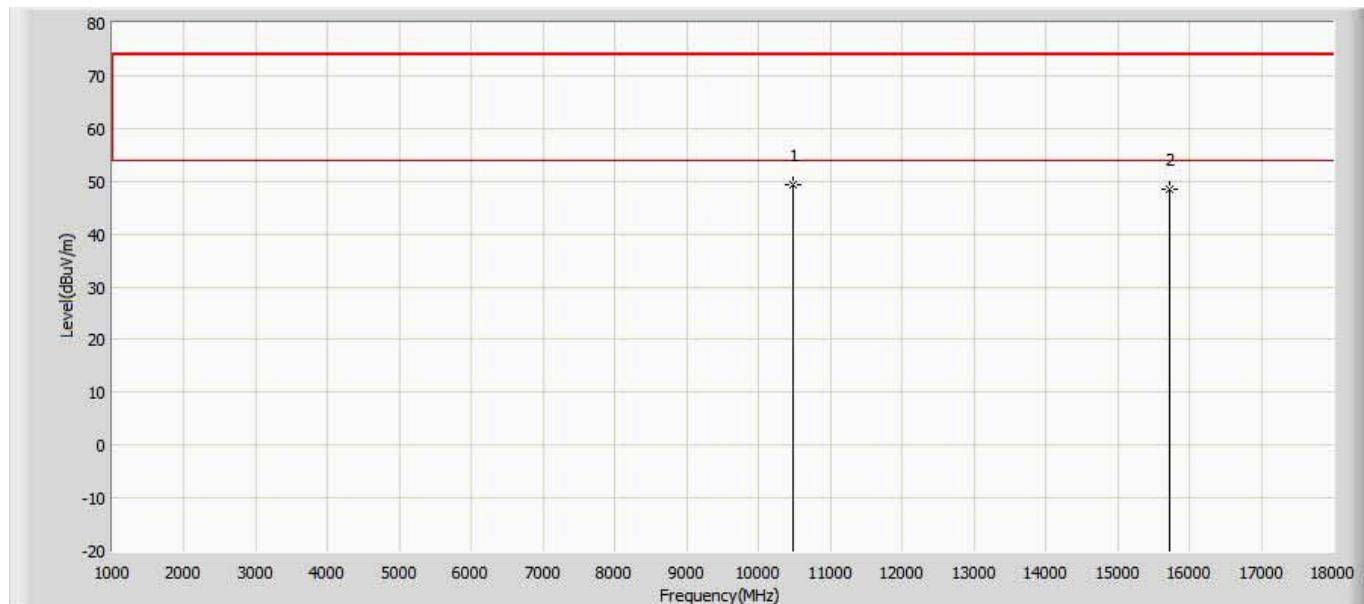
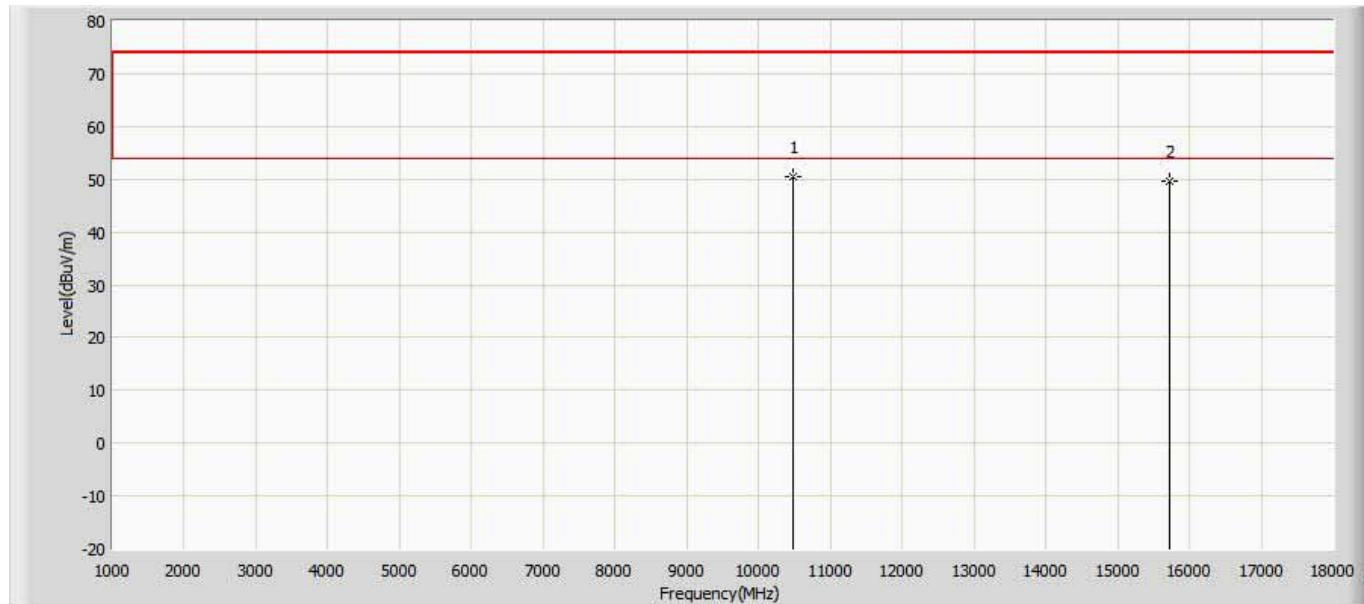


Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 7:Transmit at 5240MHz by 802.11a	



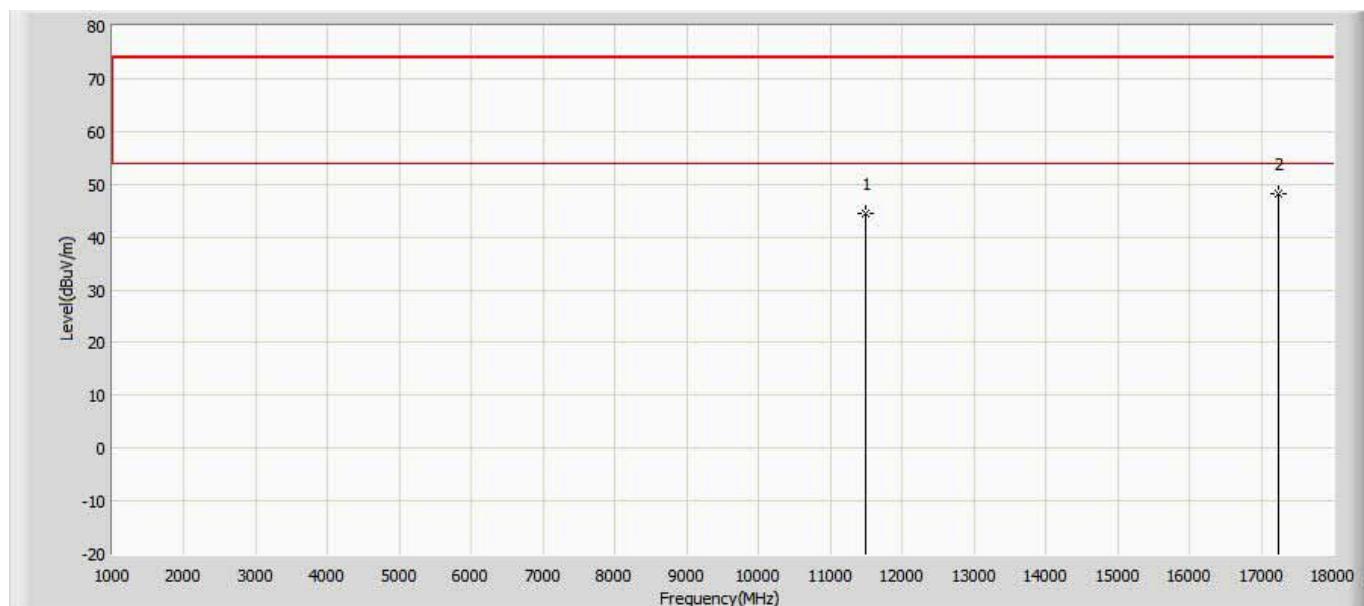
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10480.000	49.322	49.742	-24.678	74.000	-0.420	PK
2		15720.000	48.515	44.125	-25.485	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 7:Transmit at 5240MHz by 802.11a	



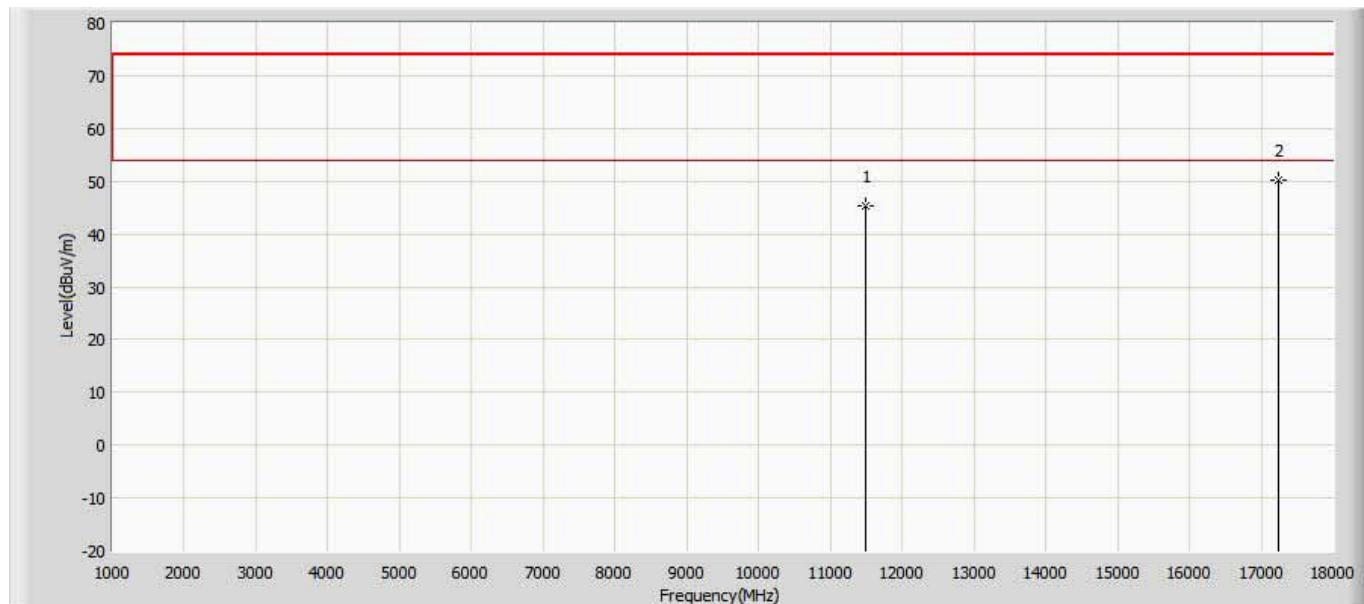
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10477.500	50.434	50.854	-23.566	74.000	-0.420	PK
2		15720.000	49.542	45.152	-24.458	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 7:Transmit at 5745MHz by 802.11a	



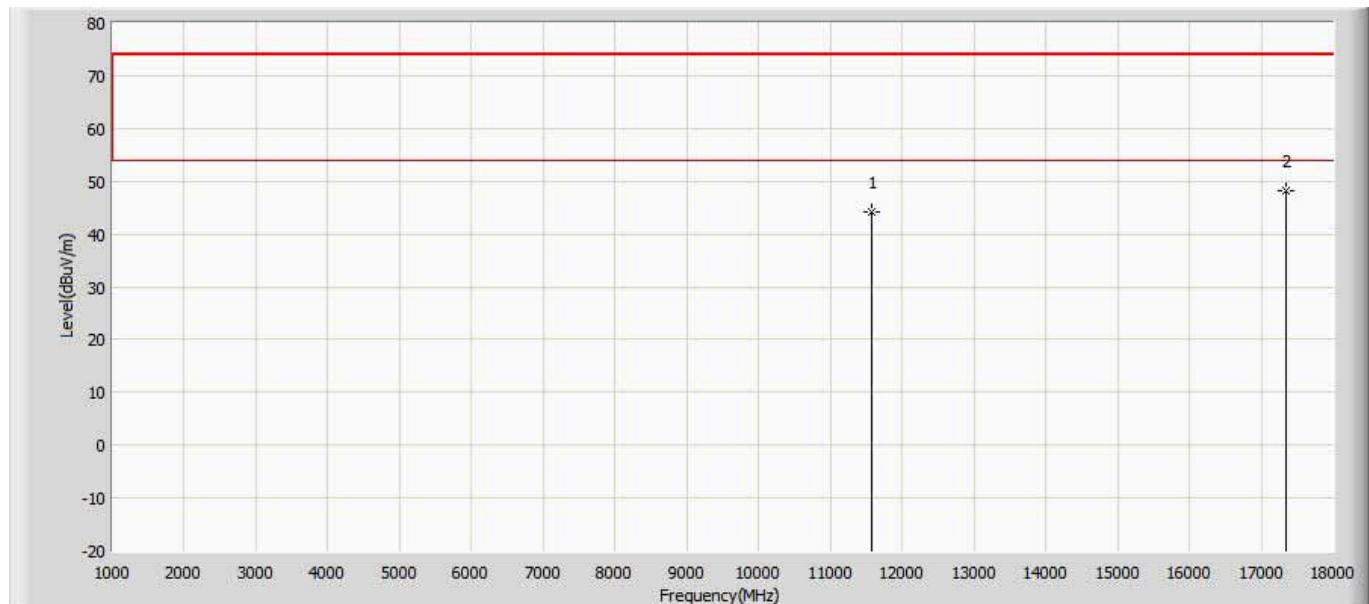
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.522	45.512	-29.478	74.000	-0.990	PK
2	*	17235.000	48.190	42.890	-25.810	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 7:Transmit at 5745MHz by 802.11a	



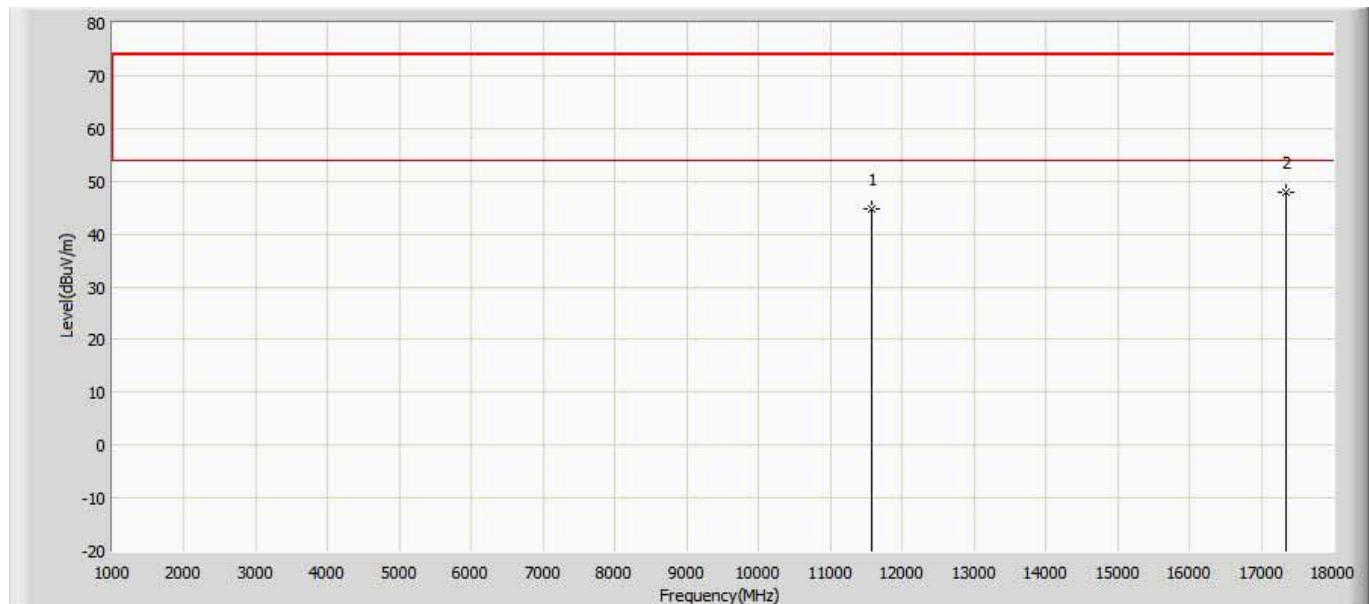
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	45.246	46.236	-28.754	74.000	-0.990	PK
2	*	17235.000	50.225	44.925	-23.775	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:33
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 7:Transmit at 5785MHz by 802.11a	



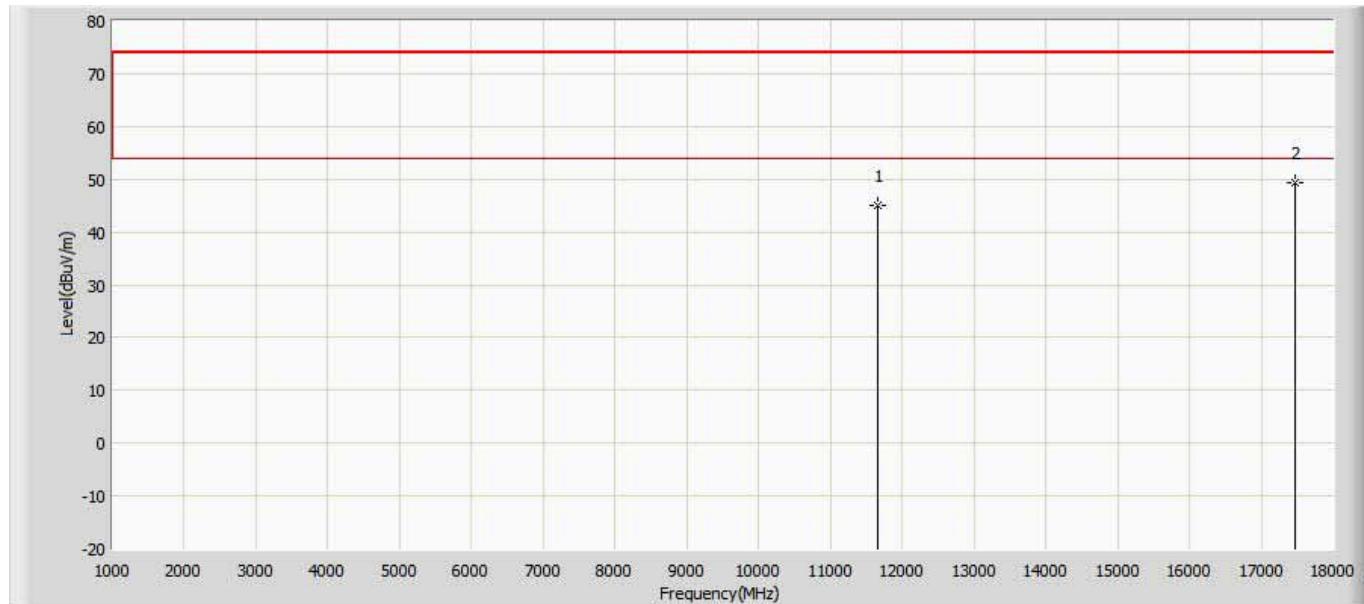
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.292	44.292	-29.708	74.000	-0.990	PK
2	*	17355.000	48.179	48.179	-25.821	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:34
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 7:Transmit at 5785MHz by 802.11a	



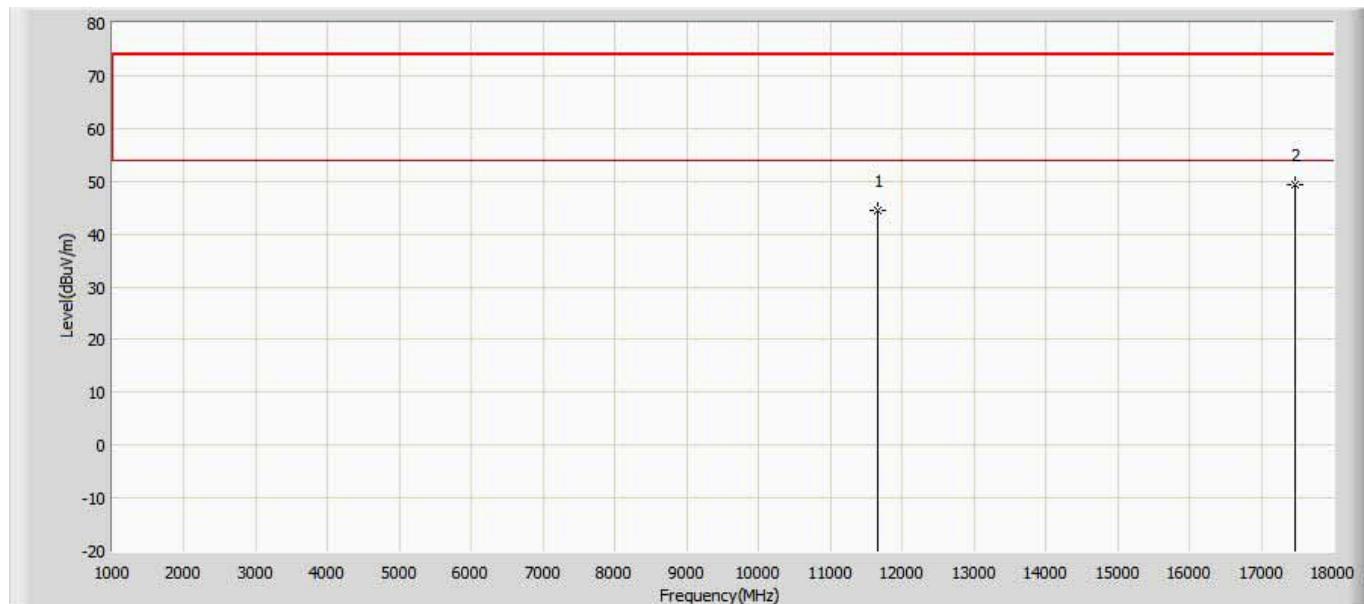
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.661	45.651	-29.339	74.000	-0.990	PK
2	*	17355.000	47.982	42.682	-26.018	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:34
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 7:Transmit at 5825MHz by 802.11a	



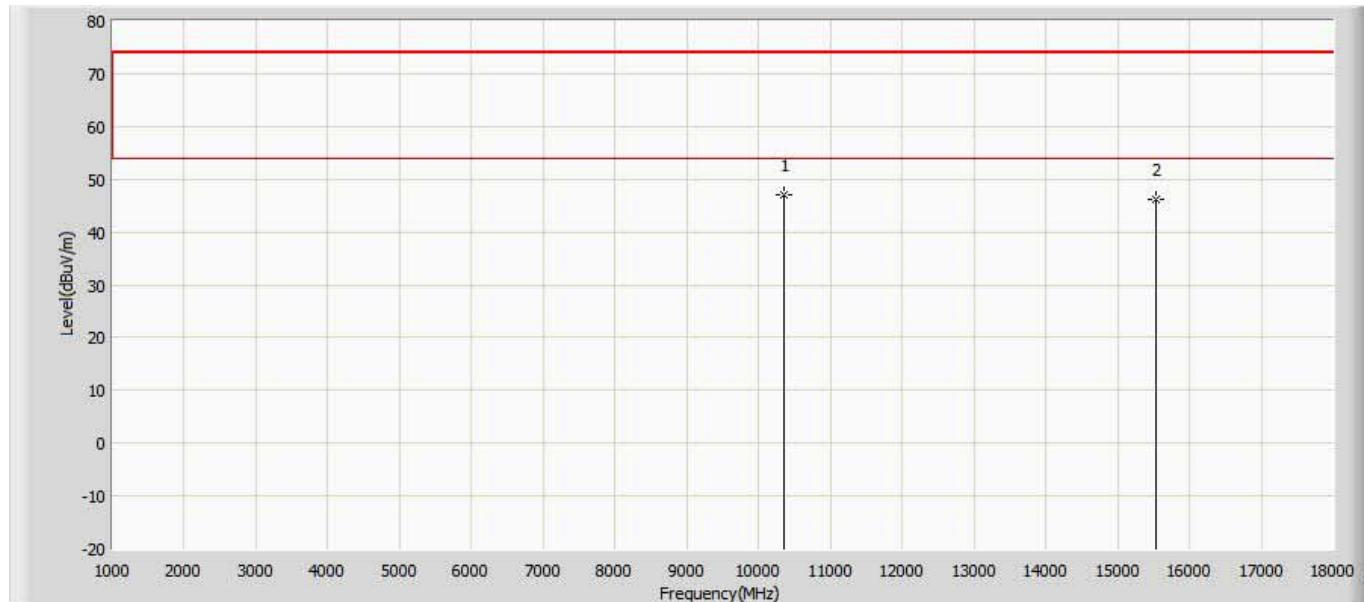
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.973	45.963	-29.027	74.000	-0.990	PK
2	*	17475.000	49.355	44.055	-24.645	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:34
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 7:Transmit at 5825MHz by 802.11a	



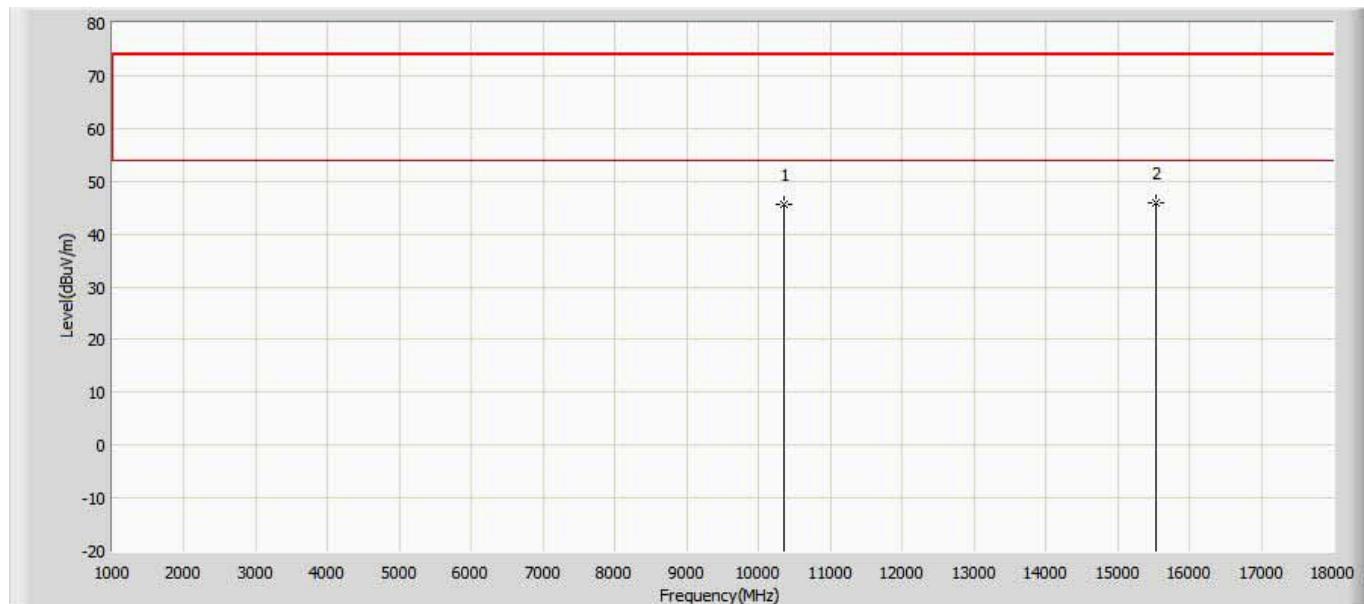
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.368	44.358	-29.632	74.000	-0.990	PK
2	*	17475.000	49.460	44.160	-24.540	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:34
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 8:Transmit at 5180MHz by 802.11n20	



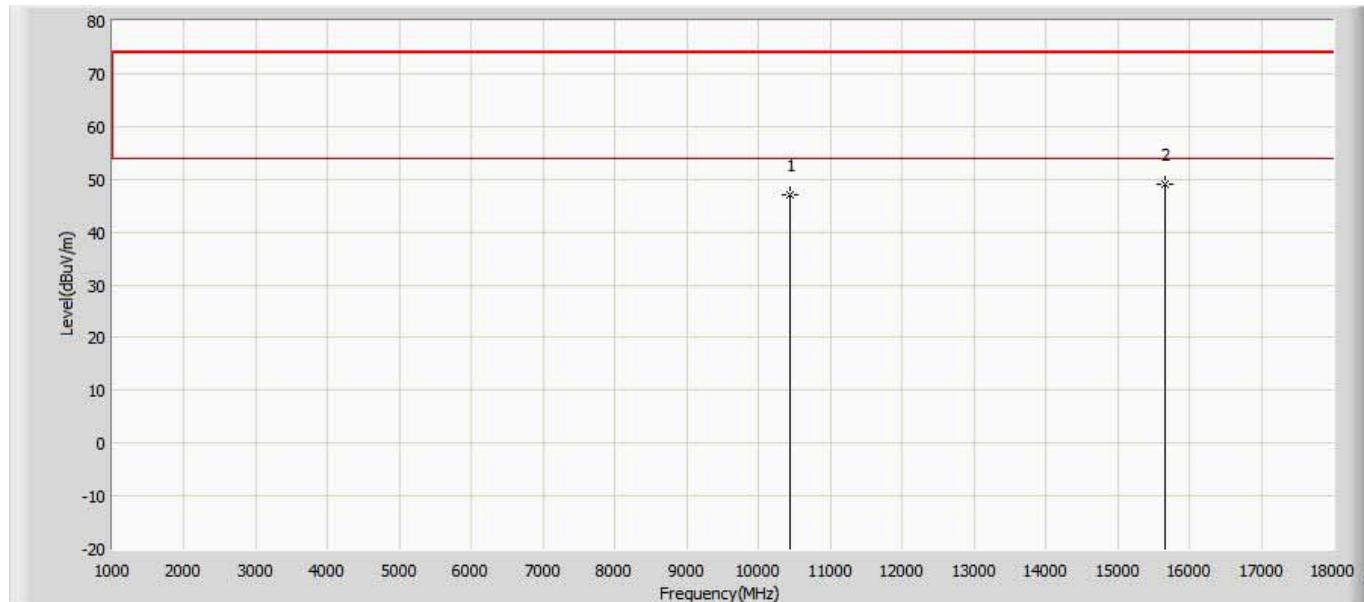
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10360.000	46.967	46.967	-27.033	74.000	-1.054	PK
2		15540.000	46.098	46.098	-27.902	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:34
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 8:Transmit at 5180MHz by 802.11n20	



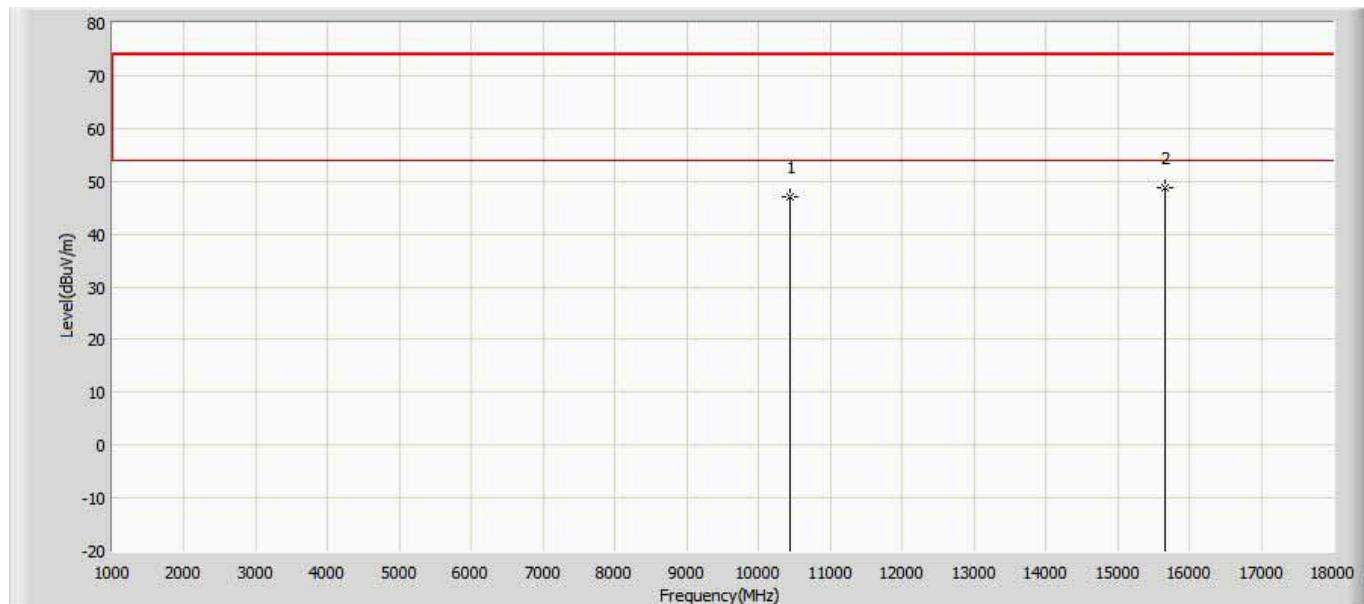
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.550	46.604	-28.450	74.000	-1.054	PK
2	*	15540.000	45.941	43.561	-28.059	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:34
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 8:Transmit at 5220MHz by 802.11n20	



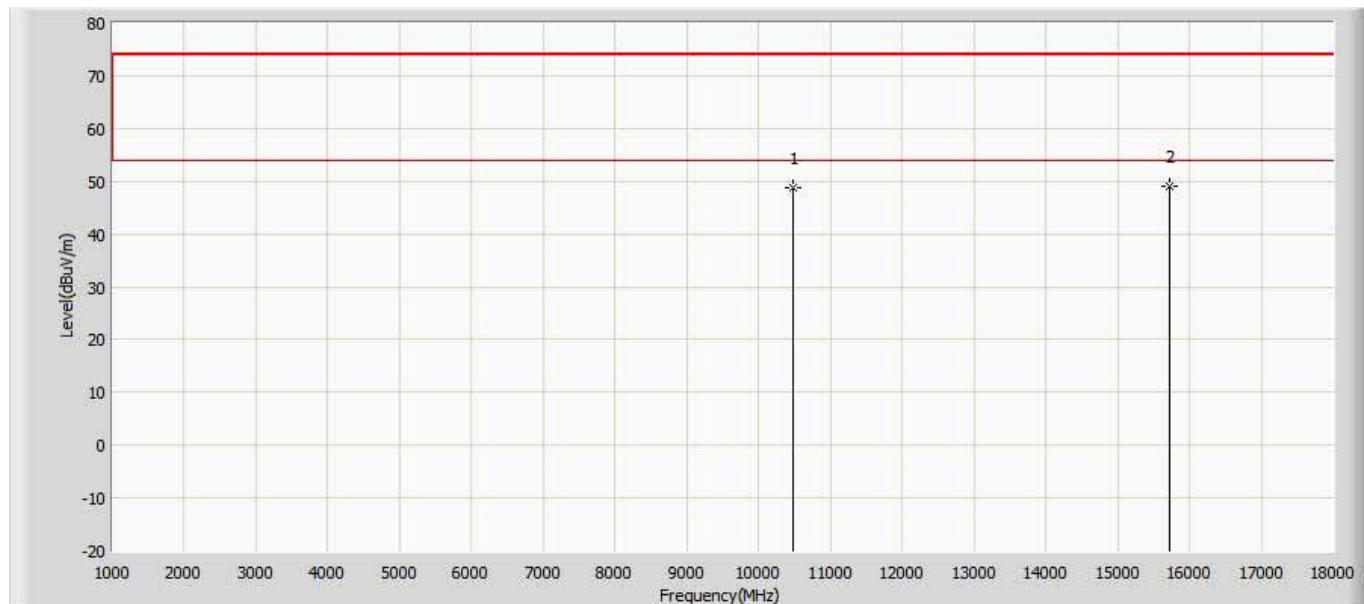
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	47.124	47.544	-26.876	74.000	-0.420	PK
2	*	15660.000	49.163	44.773	-24.837	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:35
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 8:Transmit at 5220MHz by 802.11n20	



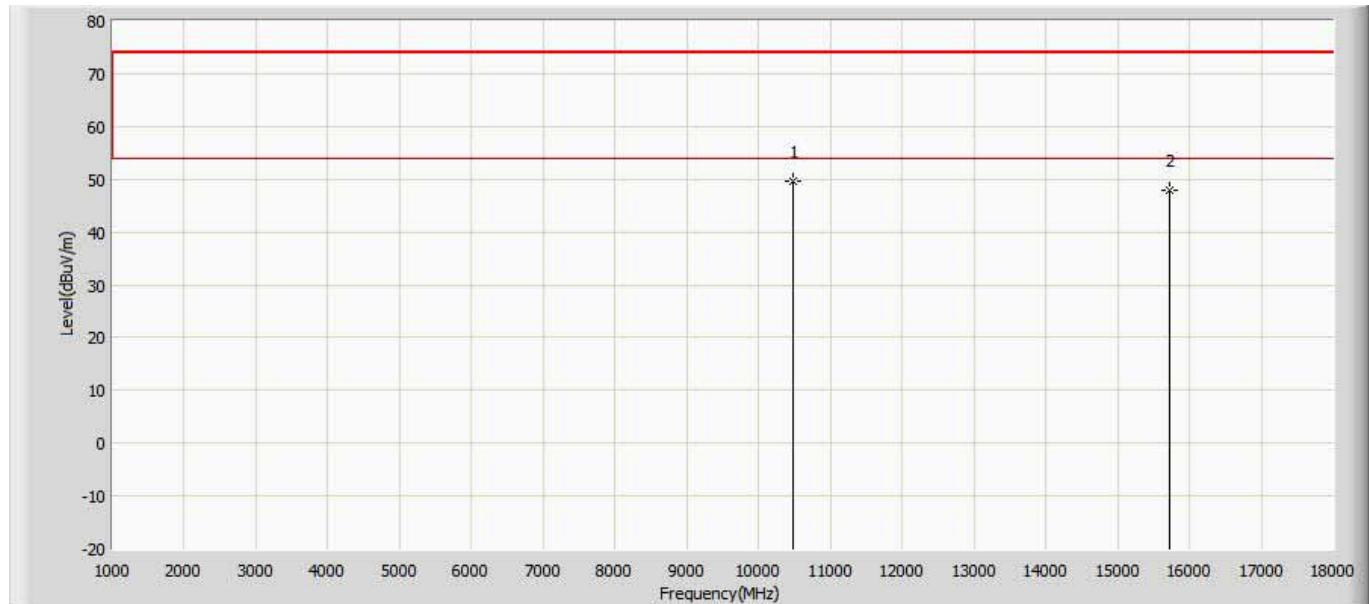
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	46.909	47.329	-27.091	74.000	-0.420	PK
2	*	15660.000	48.835	44.445	-25.165	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:35
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 8:Transmit at 5240MHz by 802.11n20	



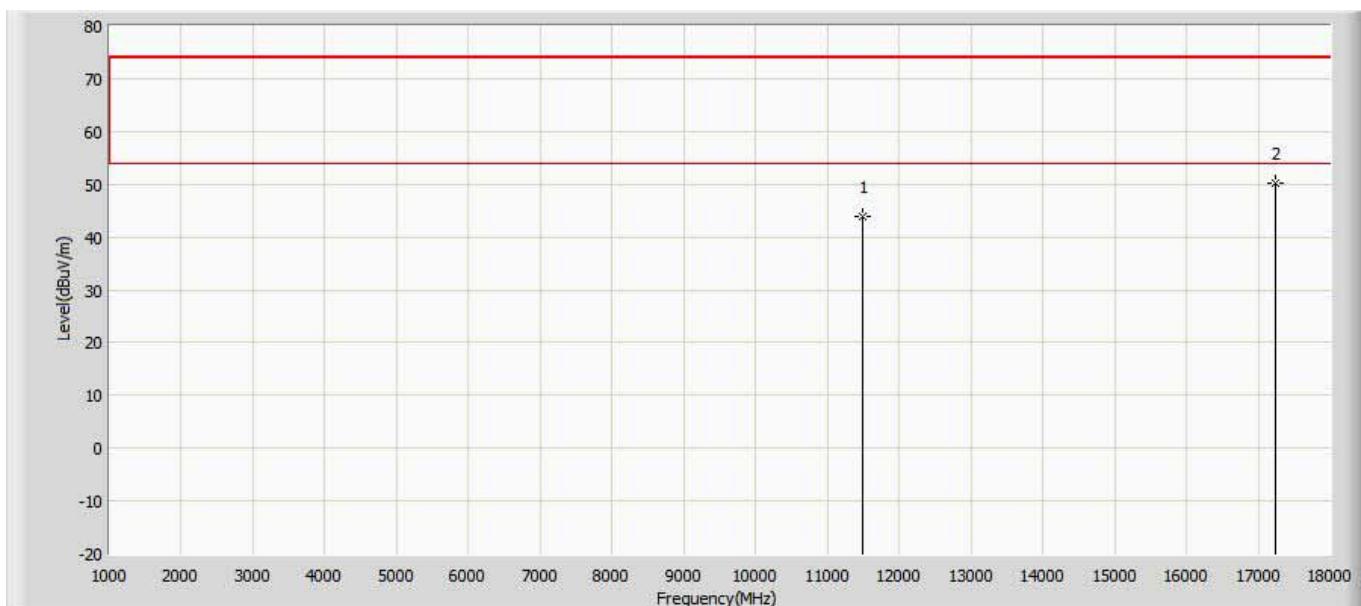
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	48.823	49.243	-25.177	74.000	-0.420	PK
2	*	15720.000	48.926	44.536	-25.074	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 09:36
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 8:Transmit at 5240MHz by 802.11n20	



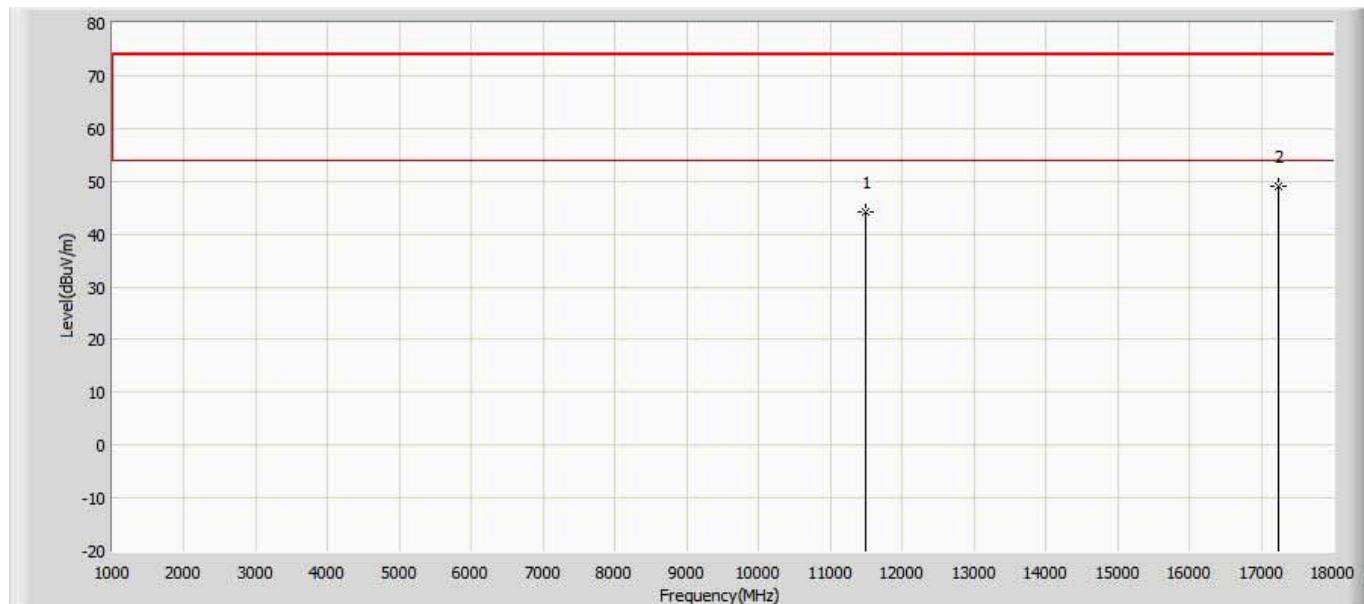
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10480.000	49.518	49.938	-24.482	74.000	-0.420	PK
2		15720.000	47.848	43.458	-26.152	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 10:18
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 8:Transmit at 5745MHz by 802.11n20	



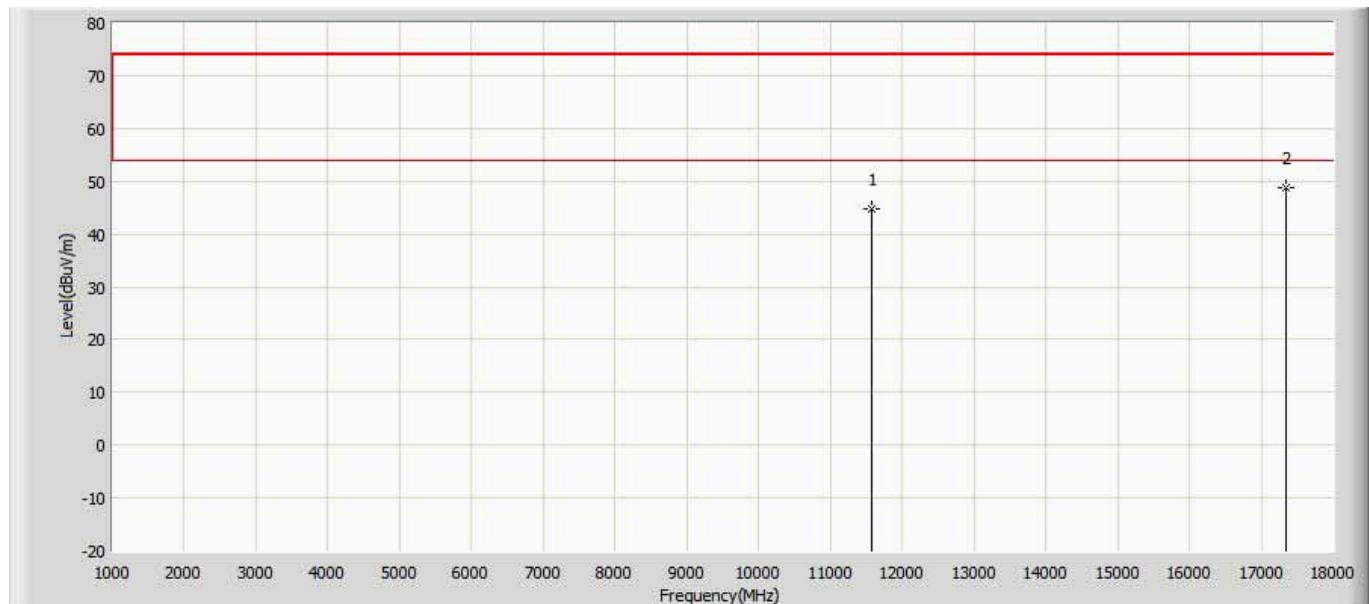
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	43.772	44.762	-30.228	74.000	-0.990	PK
2	*	17235.000	50.083	44.783	-23.917	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 10:18
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 8:Transmit at 5745MHz by 802.11n20	



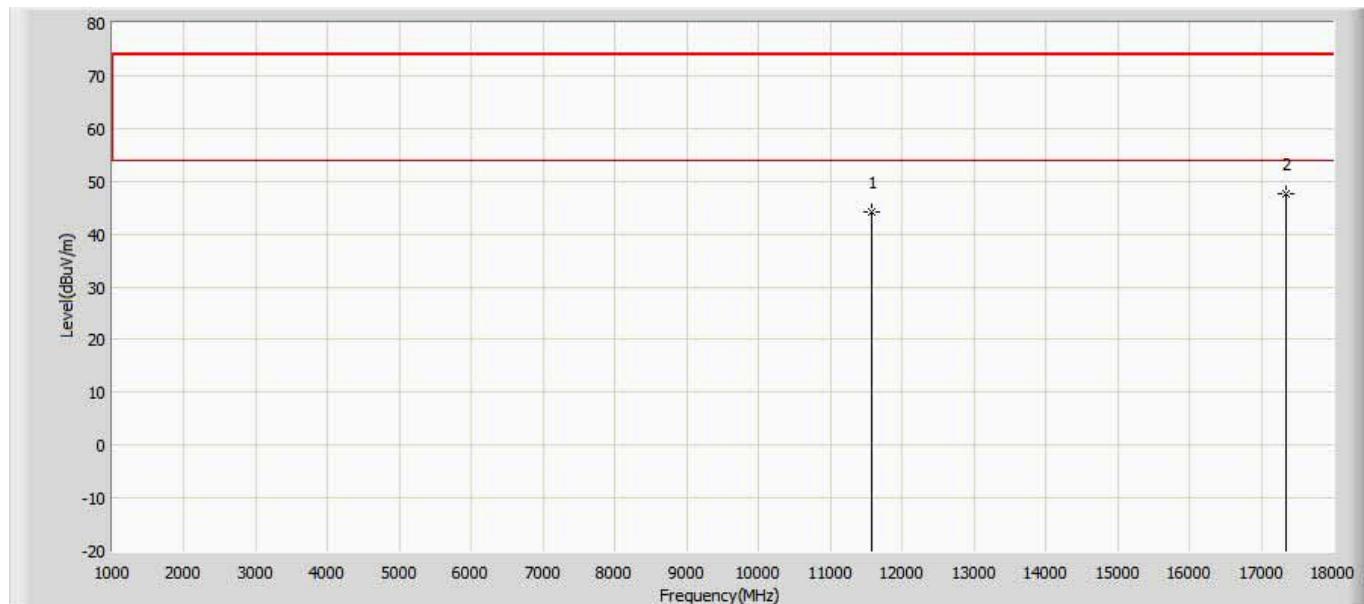
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.207	45.197	-29.793	74.000	-0.990	PK
2	*	17235.000	49.107	43.807	-24.893	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:30
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 8:Transmit at 5785MHz by 802.11n20	



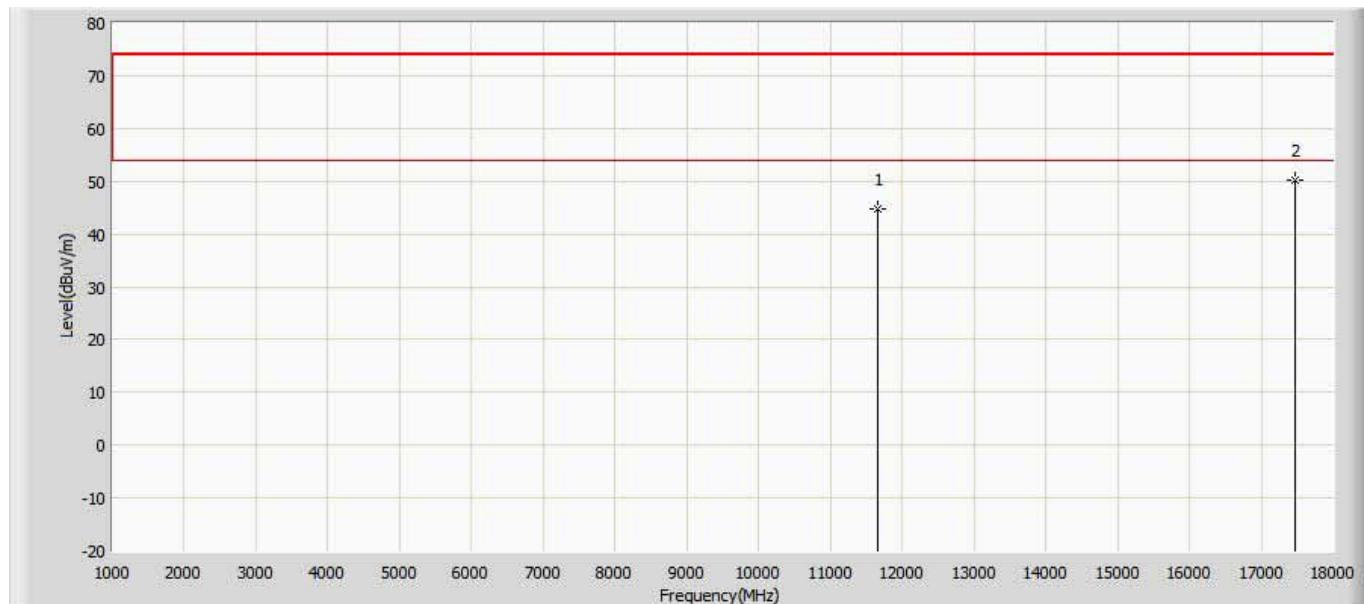
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.737	45.727	-29.263	74.000	-0.990	PK
2	*	17355.000	48.909	43.609	-25.091	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:30
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 8:Transmit at 5785MHz by 802.11n20	



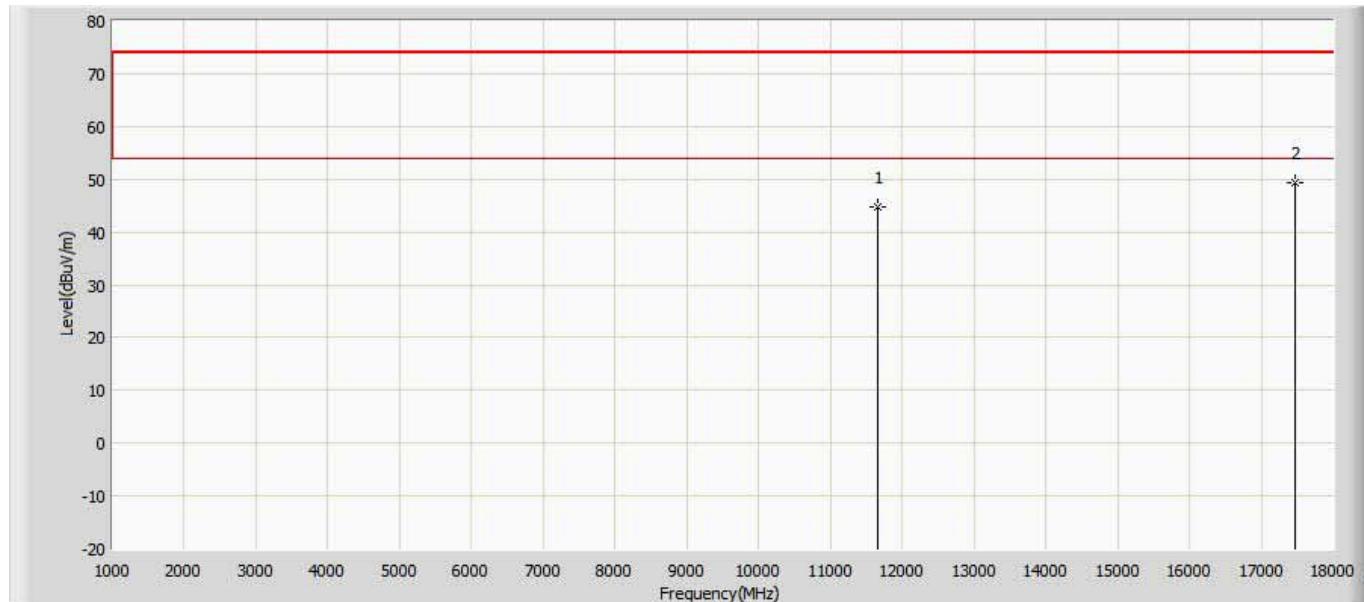
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.048	45.038	-29.952	74.000	-0.990	PK
2	*	17355.000	47.509	42.209	-26.491	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:30
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 8:Transmit at 5825MHz by 802.11n20	



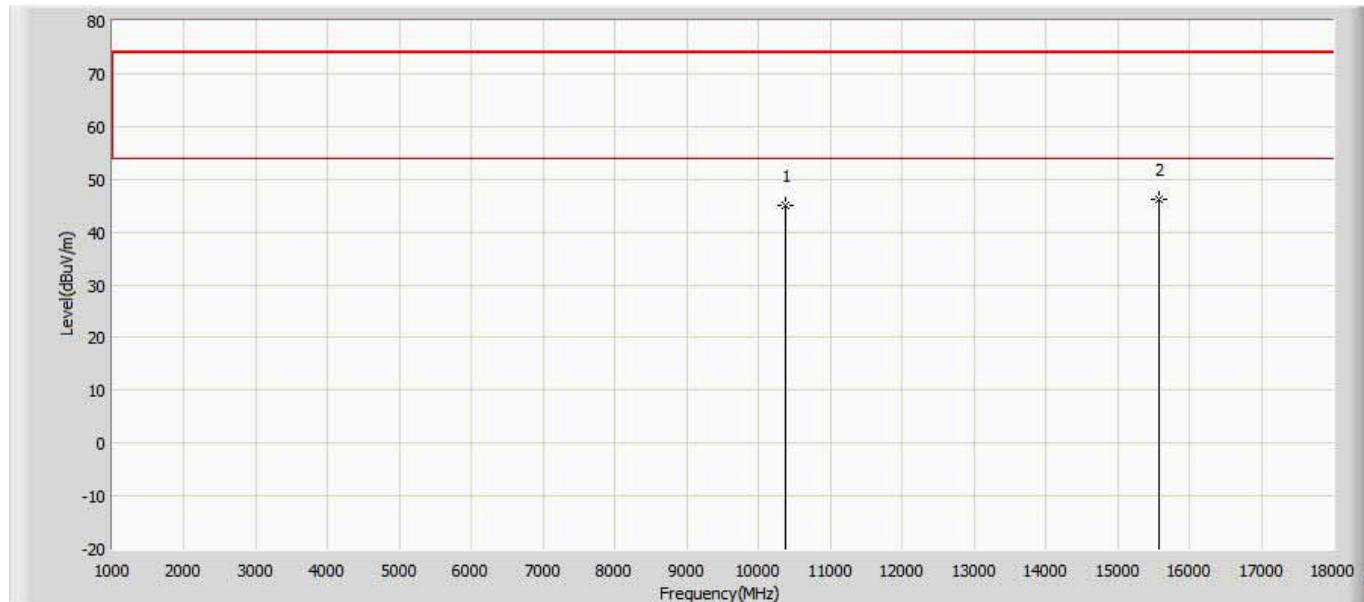
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.742	45.732	-29.258	74.000	-0.990	PK
2	*	17475.000	50.103	44.803	-23.897	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:30
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 8:Transmit at 5825MHz by 802.11n20	



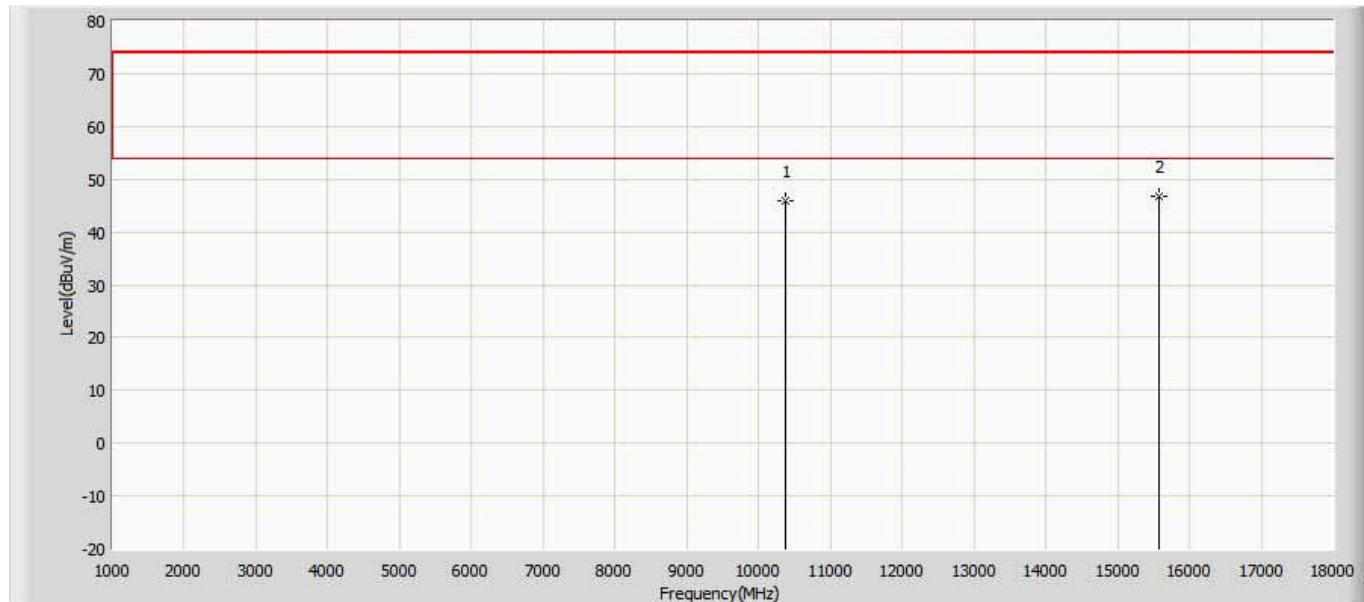
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.712	44.702	-29.288	74.000	-0.990	PK
2	*	17475.000	49.427	44.127	-24.573	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:31
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 9::Transmit at 5190MHz by 802.11n40	



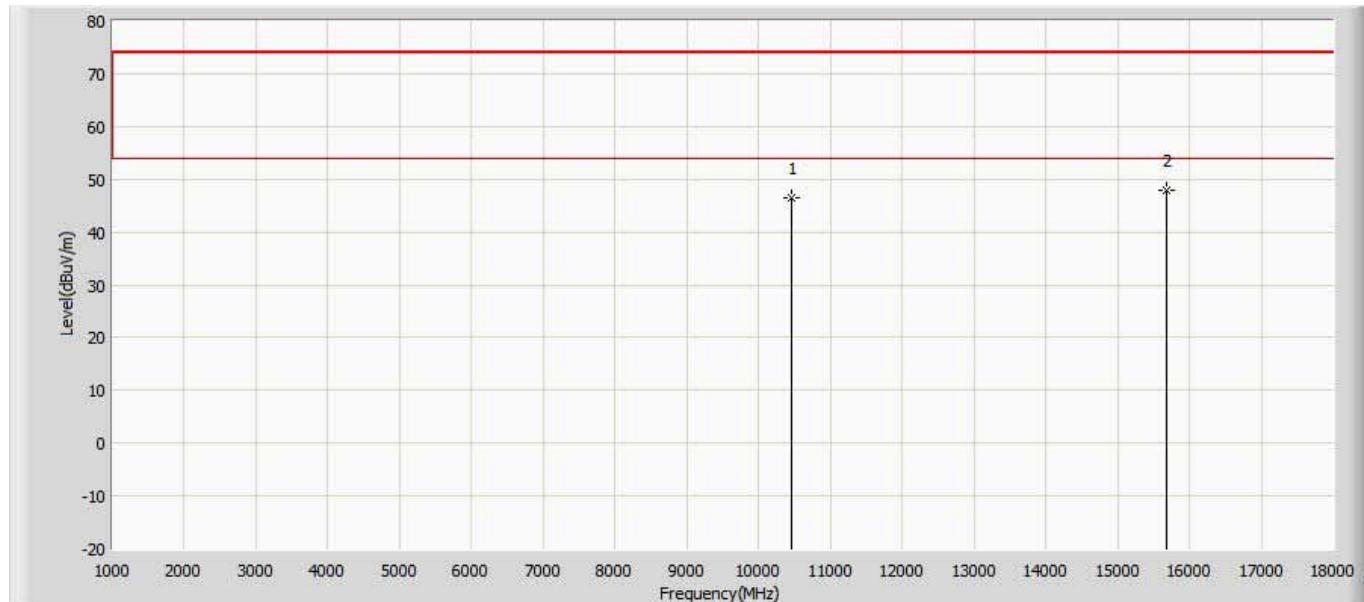
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.140	45.560	-28.860	74.000	-0.420	PK
2	*	15570.000	46.243	43.863	-27.757	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 9::Transmit at 5190MHz by 802.11n40	



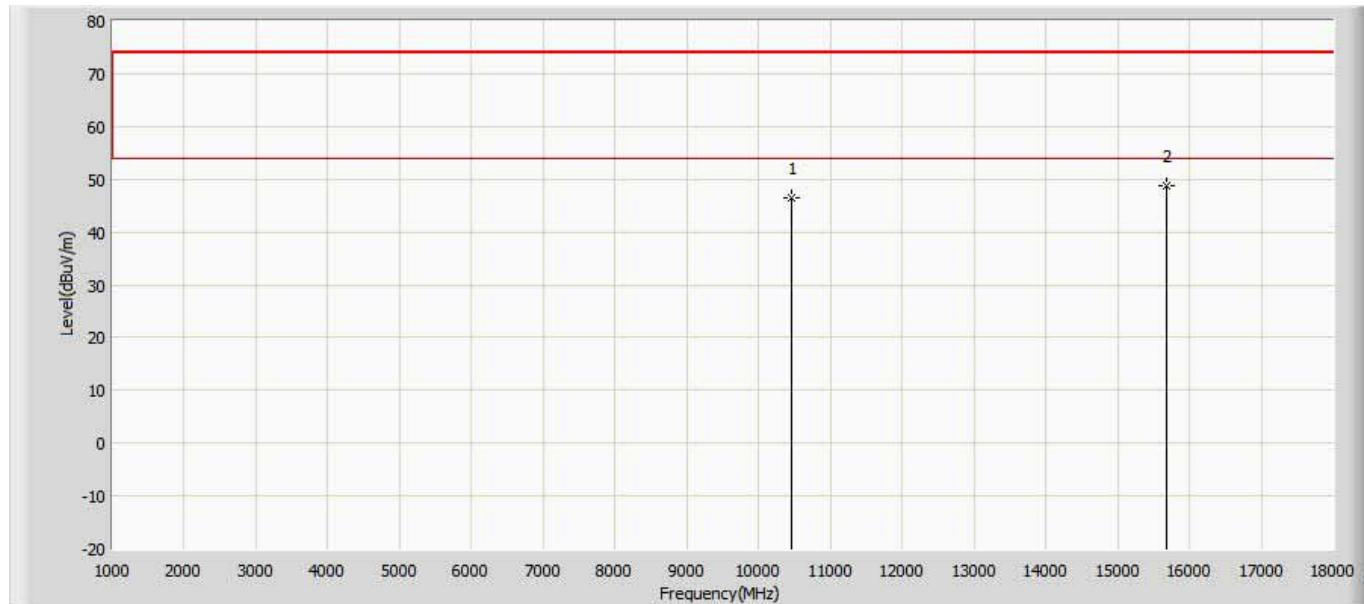
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.948	46.368	-28.052	74.000	-0.420	PK
2	*	15570.000	46.750	44.370	-27.250	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:31
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 9::Transmit at 5230MHz by 802.11n40	



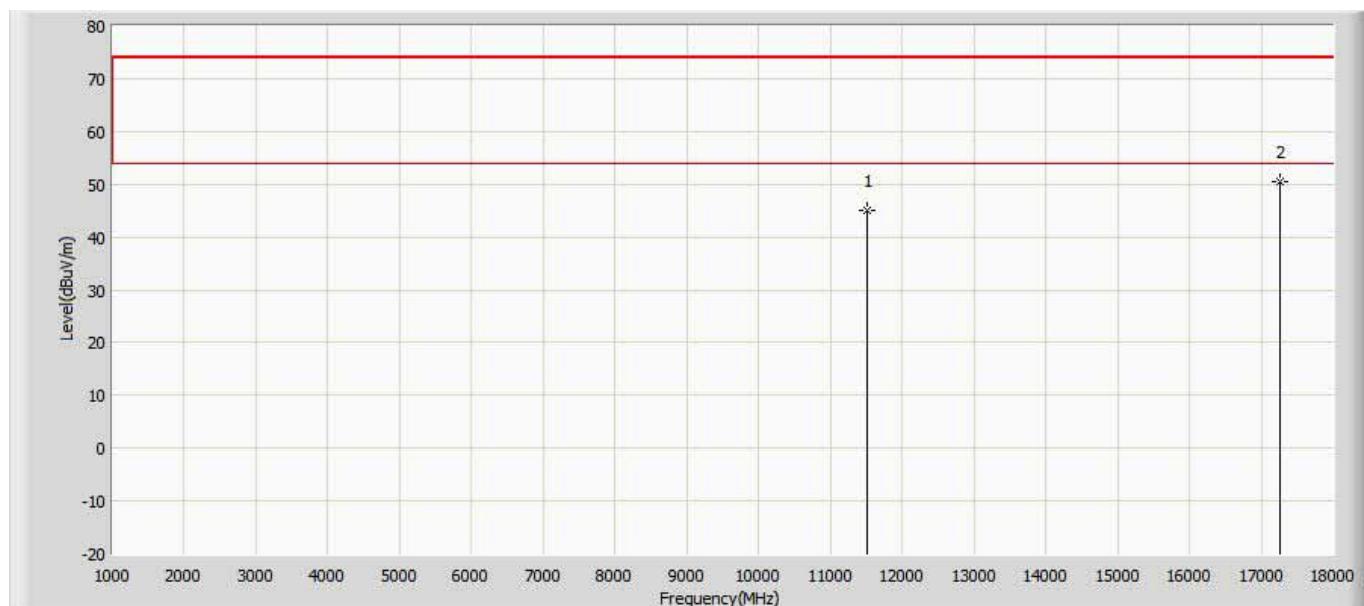
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	46.529	46.949	-27.471	74.000	-0.420	PK
2	*	15690.000	47.987	43.597	-26.013	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 9::Transmit at 5230MHz by 802.11n40	



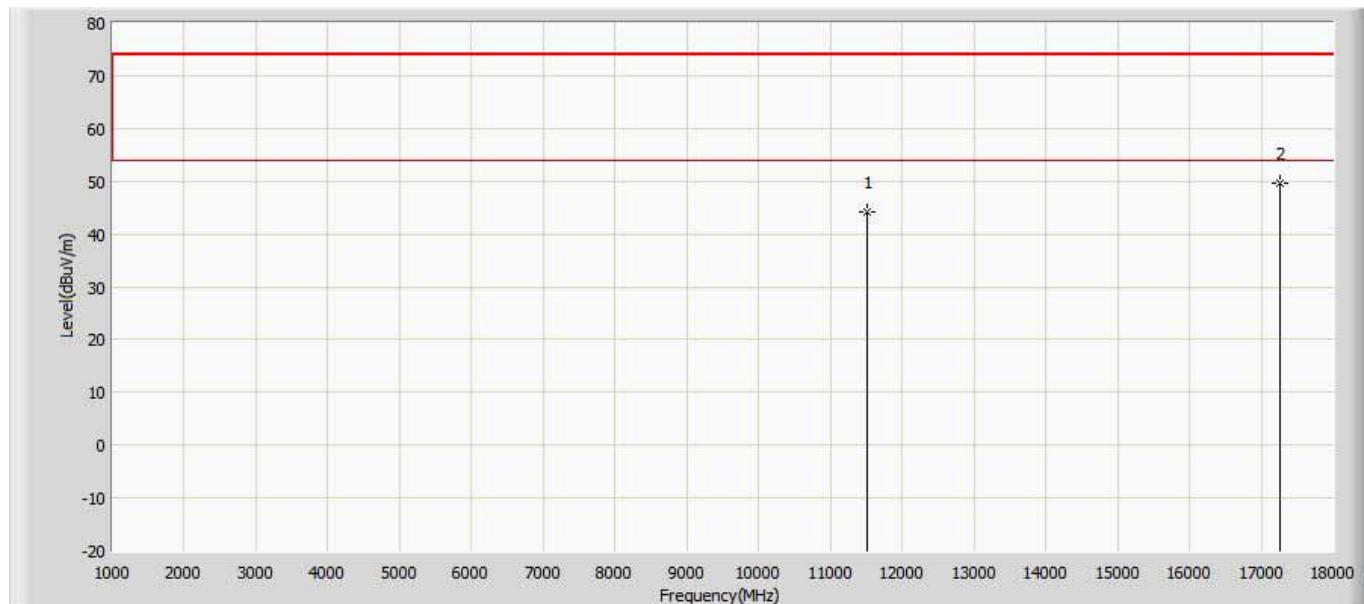
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	46.459	46.879	-27.541	74.000	-0.420	PK
2	*	15690.000	48.719	44.329	-25.281	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:34
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 9::Transmit at 5755MHz by 802.11n40	



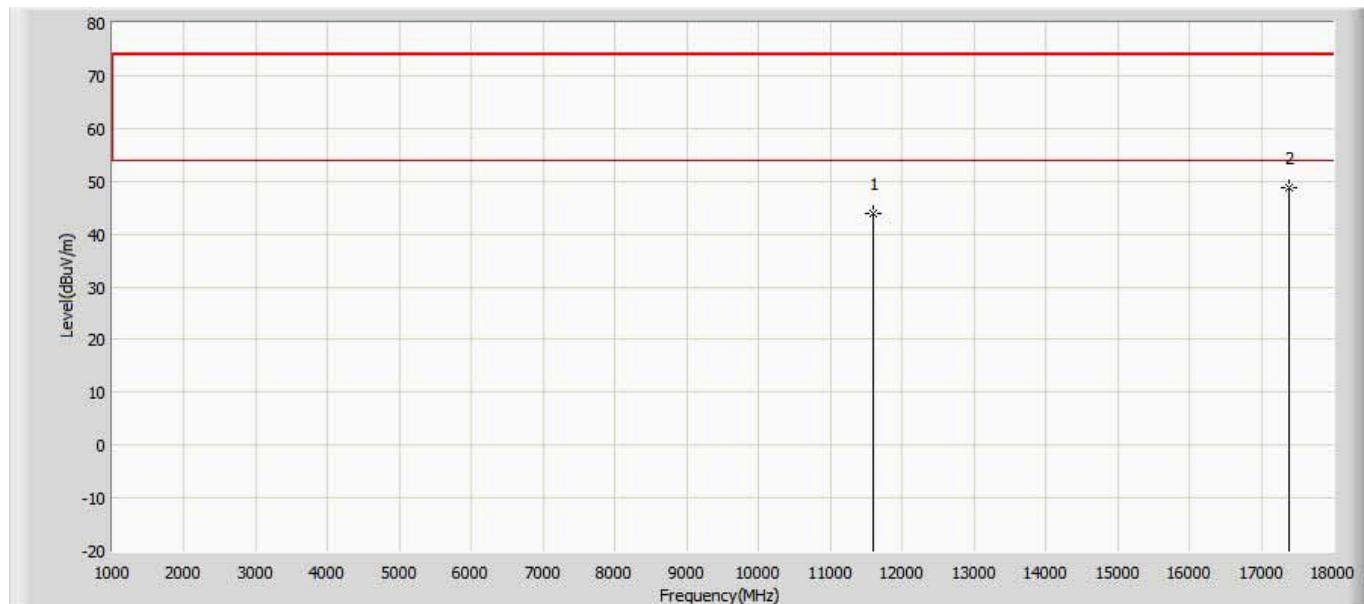
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	45.055	46.045	-28.945	74.000	-0.990	PK
2	*	17265.000	50.448	45.148	-23.552	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 9::Transmit at 5755MHz by 802.11n40	



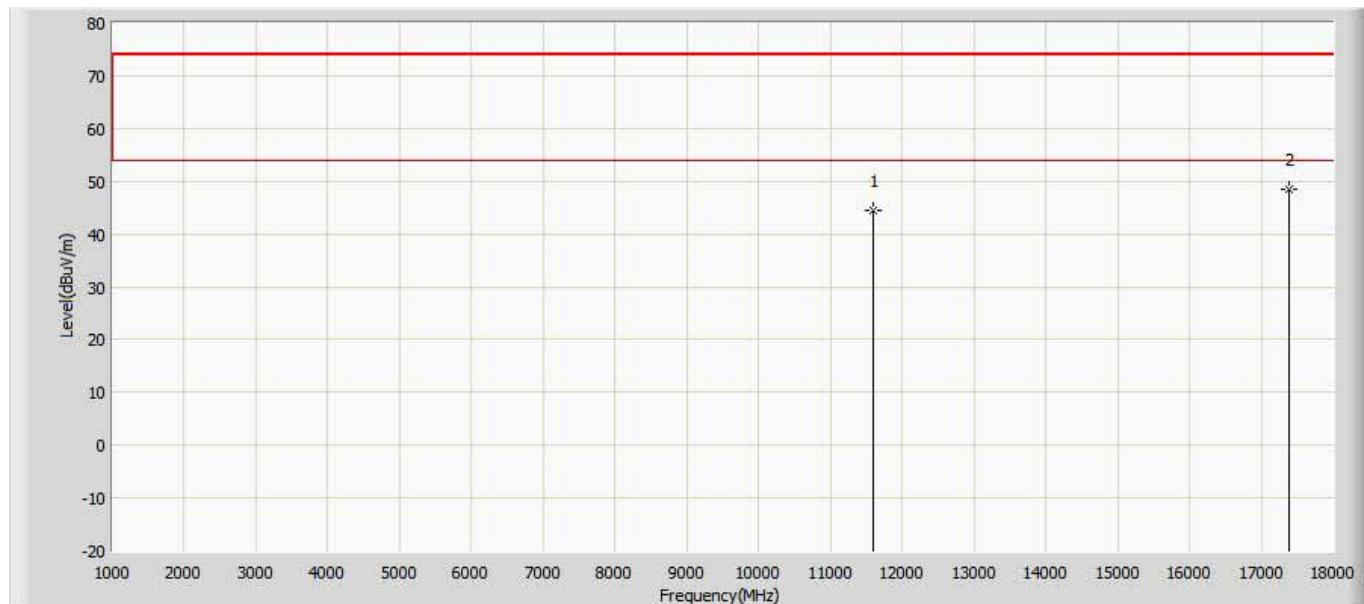
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.241	45.231	-29.759	74.000	-0.990	PK
2	*	17265.000	49.534	44.234	-24.466	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:34
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 9::Transmit at 5795MHz by 802.11n40	



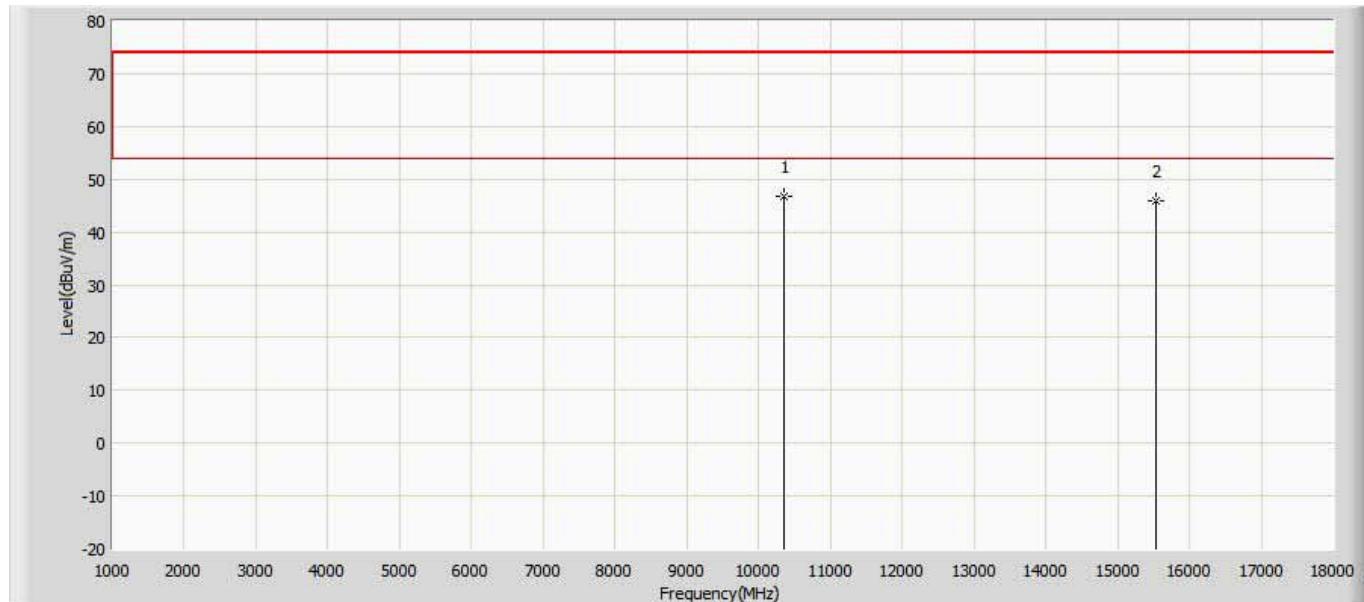
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.011	45.001	-29.989	74.000	-0.990	PK
2	*	17385.000	48.659	43.359	-25.341	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 9::Transmit at 5795MHz by 802.11n40	



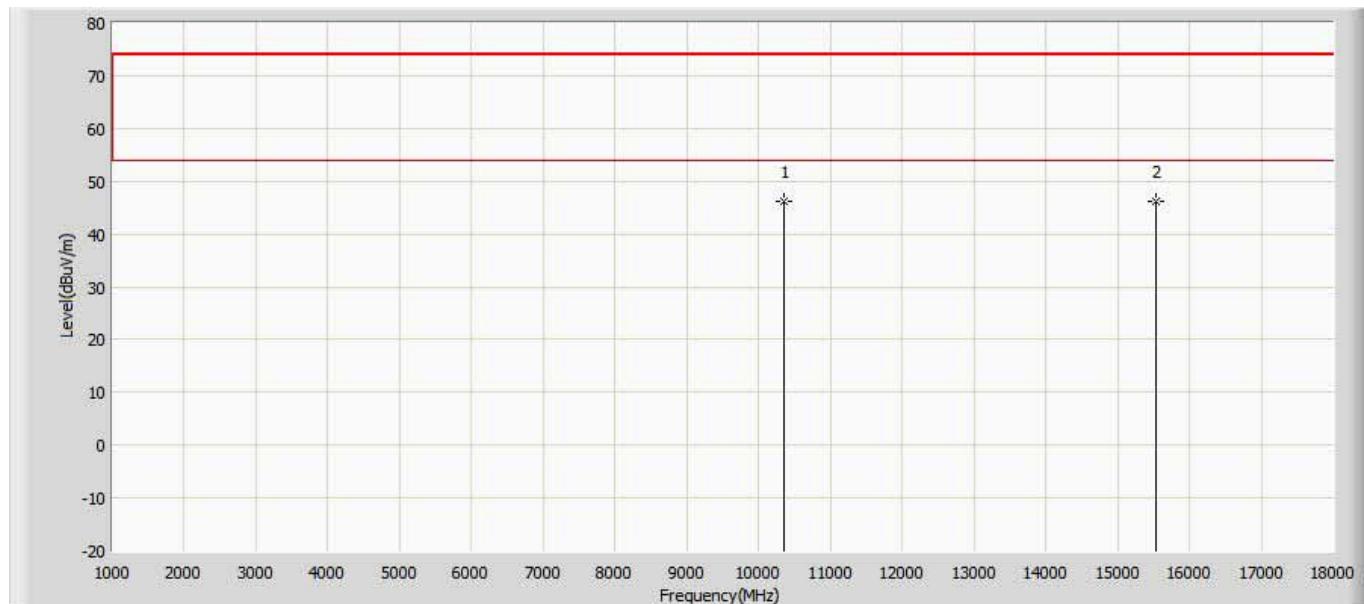
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.513	45.503	-29.487	74.000	-0.990	PK
2	*	17385.000	48.546	43.246	-25.454	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 10:Transmit at 5180MHz by 802.11ac20	



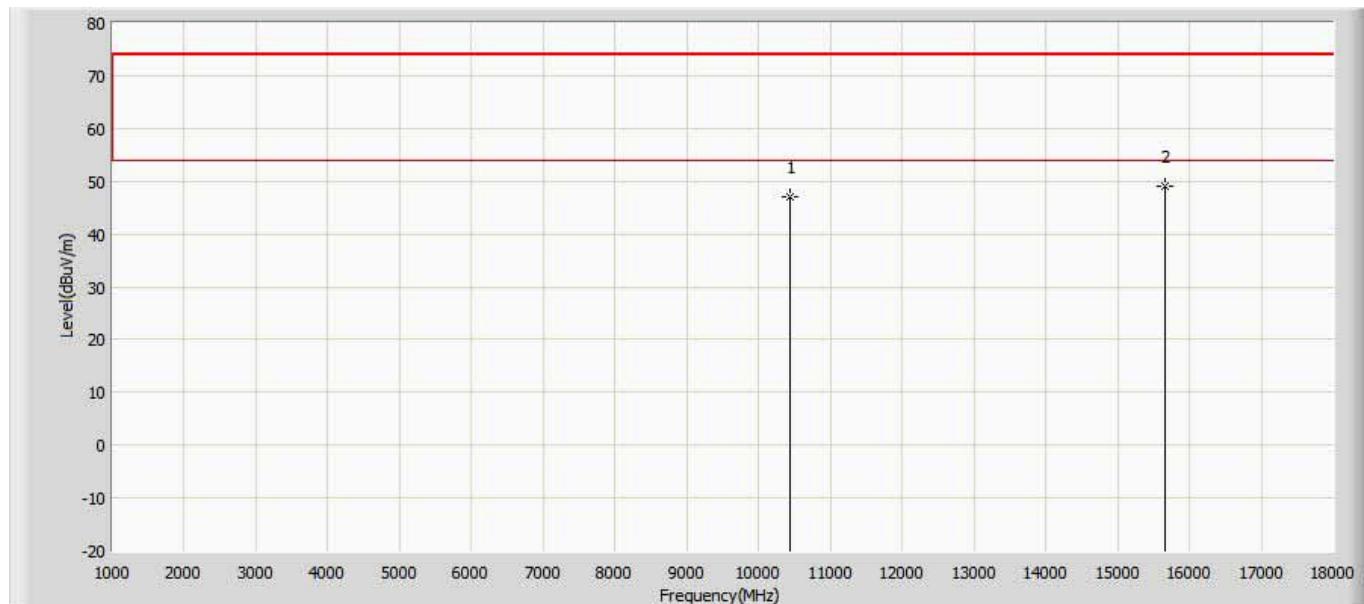
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10360.000	46.904	47.958	-27.096	74.000	-1.054	PK
2		15540.000	45.870	43.490	-28.130	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 10:Transmit at 5180MHz by 802.11ac20	



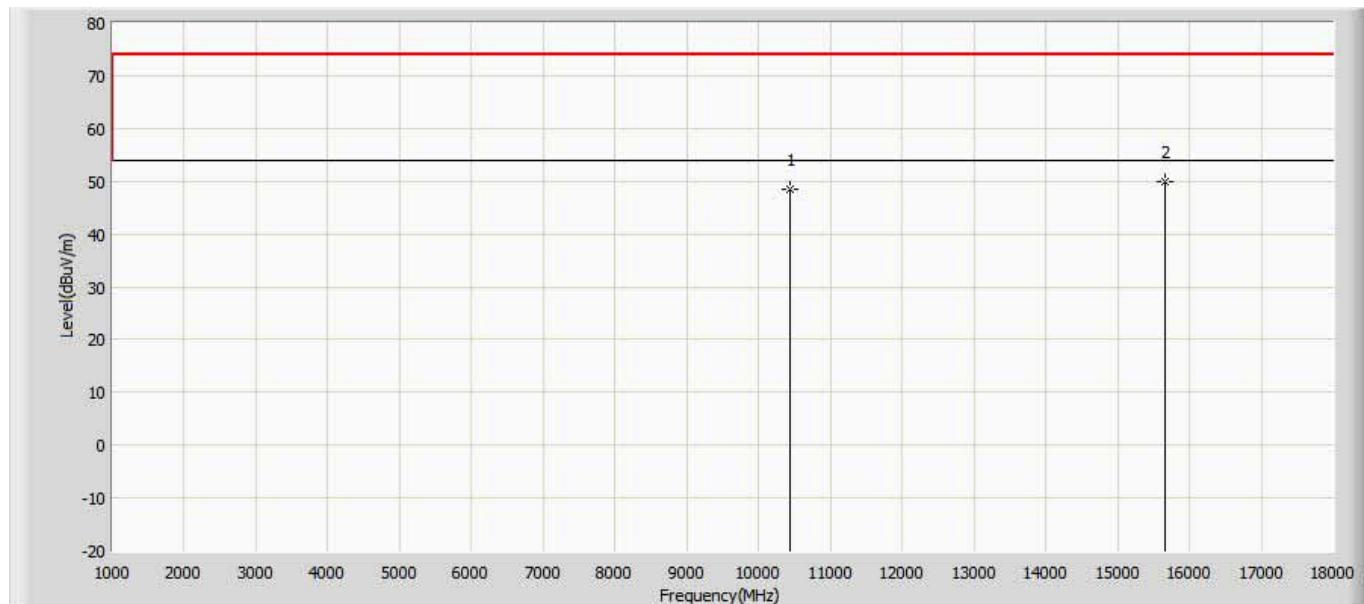
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10360.000	46.141	47.195	-27.859	74.000	-1.054	PK
2		15540.000	46.104	43.724	-27.896	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 10:Transmit at 5220MHz by 802.11ac20	



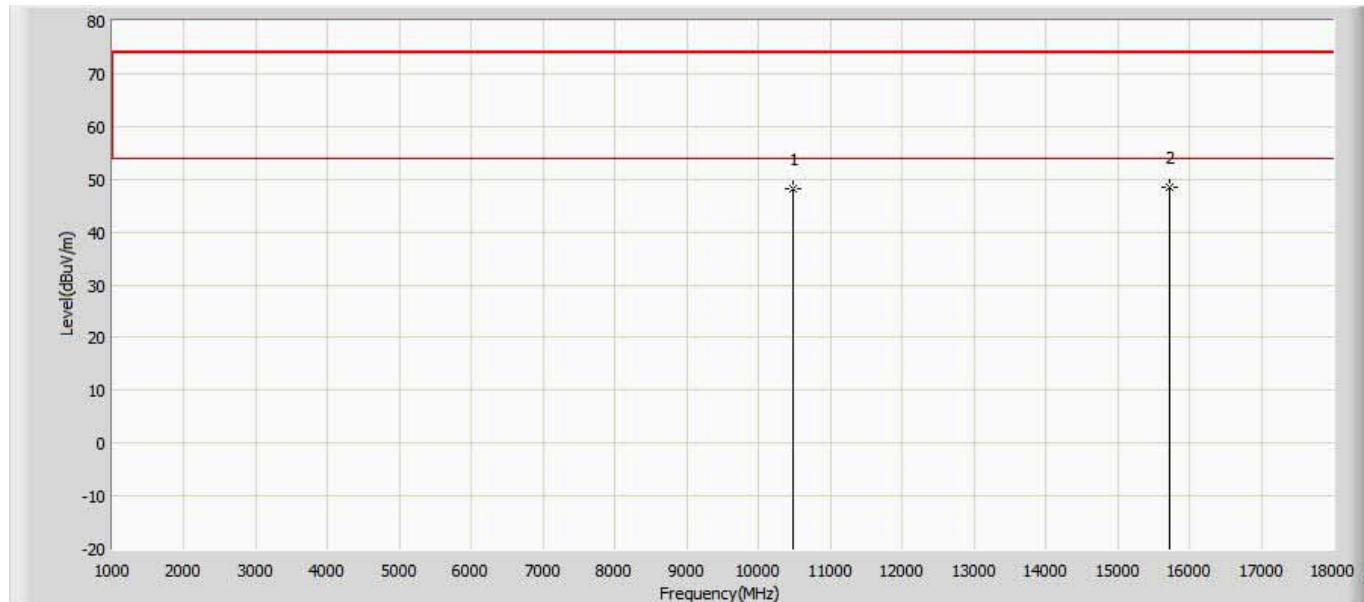
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	47.080	47.500	-26.920	74.000	-0.420	PK
2	*	15660.000	48.925	44.535	-25.075	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 10:Transmit at 5220MHz by 802.11ac20	



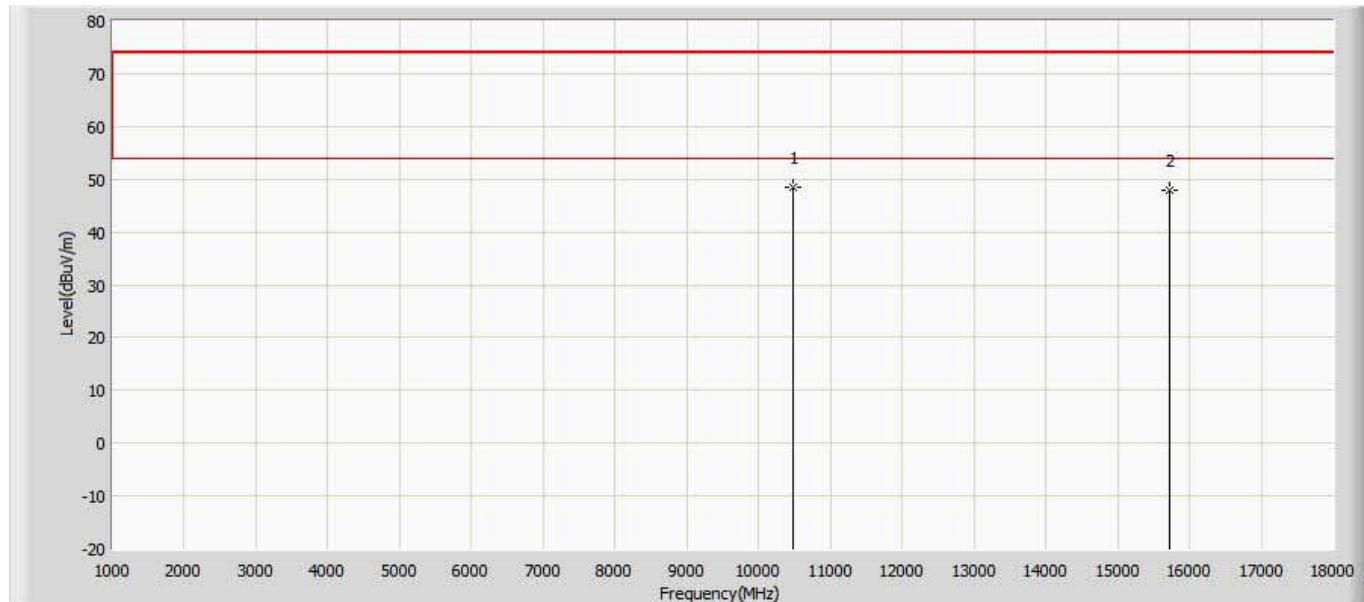
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	48.515	48.935	-25.485	74.000	-0.420	PK
2	*	15660.000	49.867	45.477	-24.133	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 10:Transmit at 5240MHz by 802.11ac20	



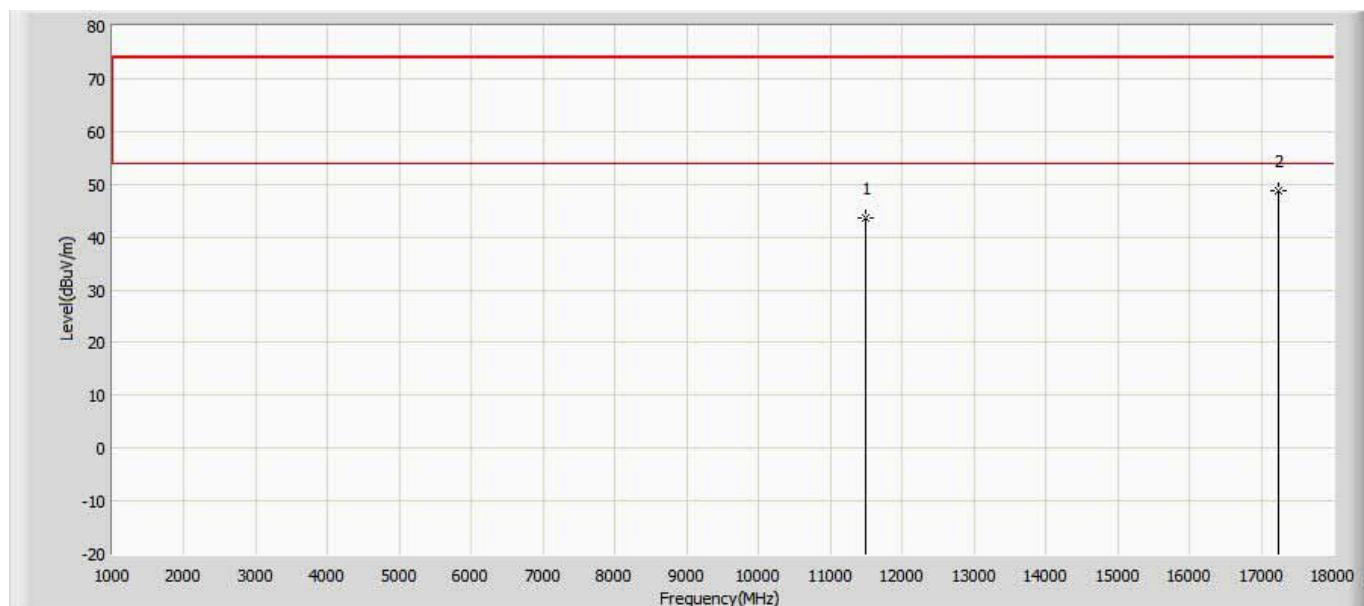
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	48.288	48.708	-25.712	74.000	-0.420	PK
2	*	15720.000	48.578	44.188	-25.422	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:35
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 10:Transmit at 5240MHz by 802.11ac20	



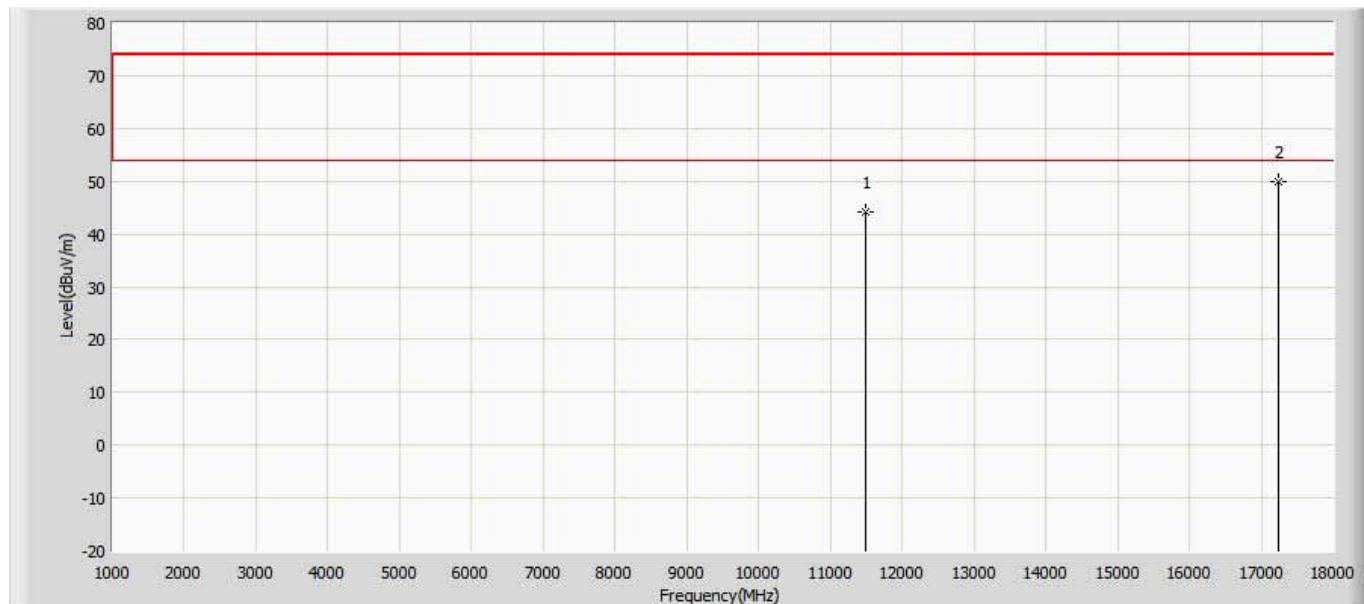
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10480.000	48.499	48.919	-25.501	74.000	-0.420	PK
2		15720.000	47.994	43.604	-26.006	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:39
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 10:Transmit at 5745MHz by 802.11ac20	



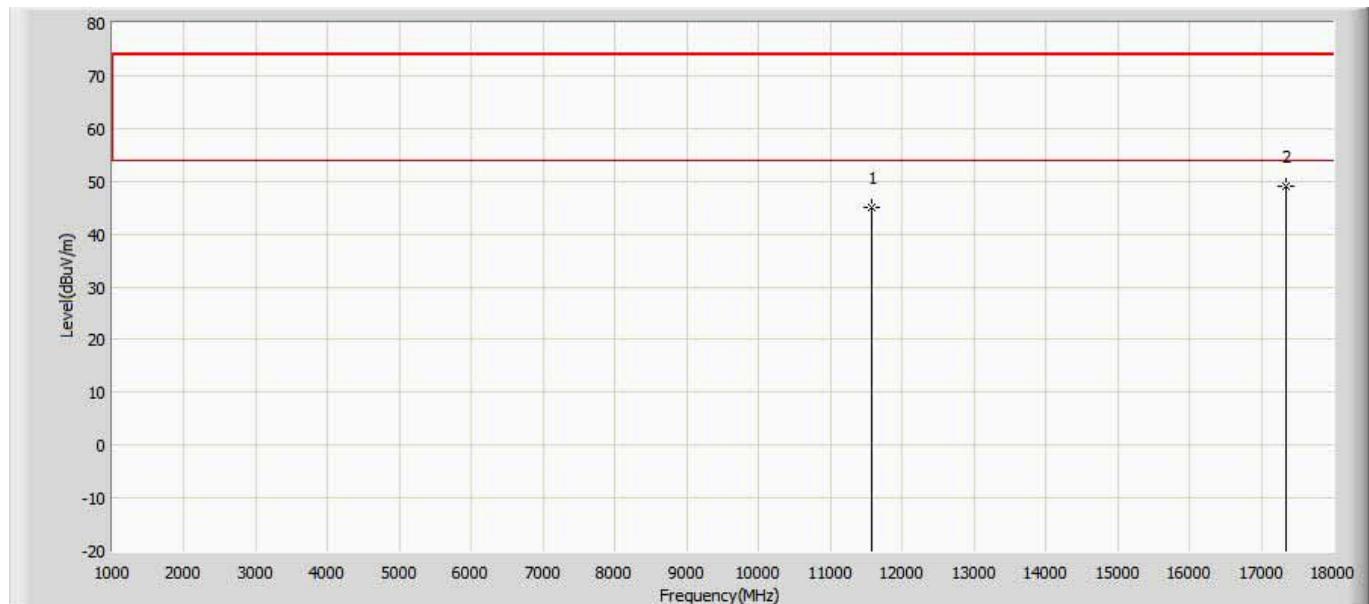
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	43.725	44.715	-30.275	74.000	-0.990	PK
2	*	17235.000	48.632	43.332	-25.368	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:39
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 10:Transmit at 5745MHz by 802.11ac20	



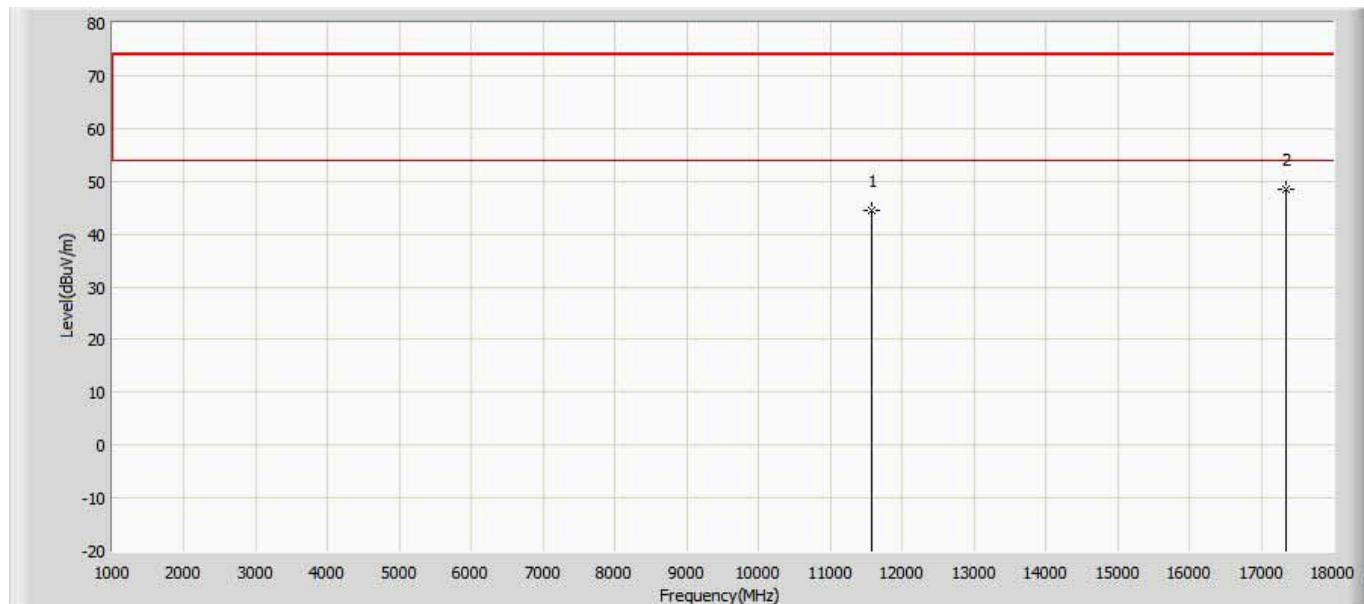
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.046	45.036	-29.954	74.000	-0.990	PK
2	*	17235.000	50.047	44.747	-23.953	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:39
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 10:Transmit at 5785MHz by 802.11ac20	



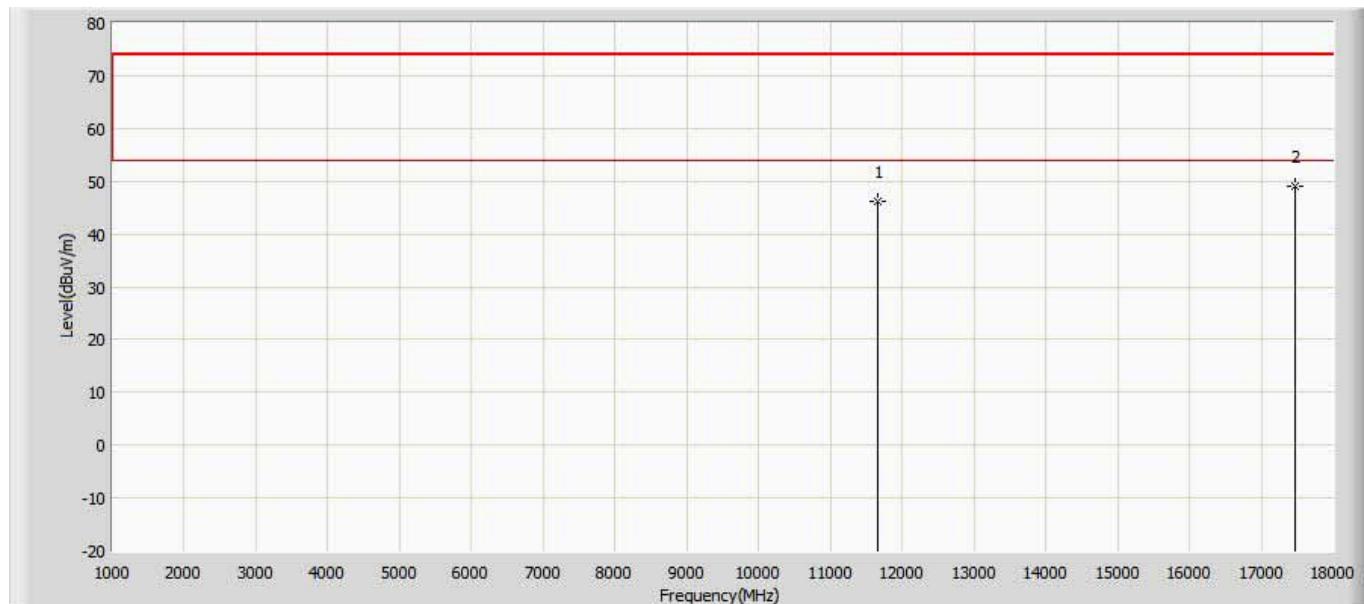
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	45.142	46.132	-28.858	74.000	-0.990	PK
2	*	17355.000	49.140	43.840	-24.860	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:39
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 10:Transmit at 5785MHz by 802.11ac20	



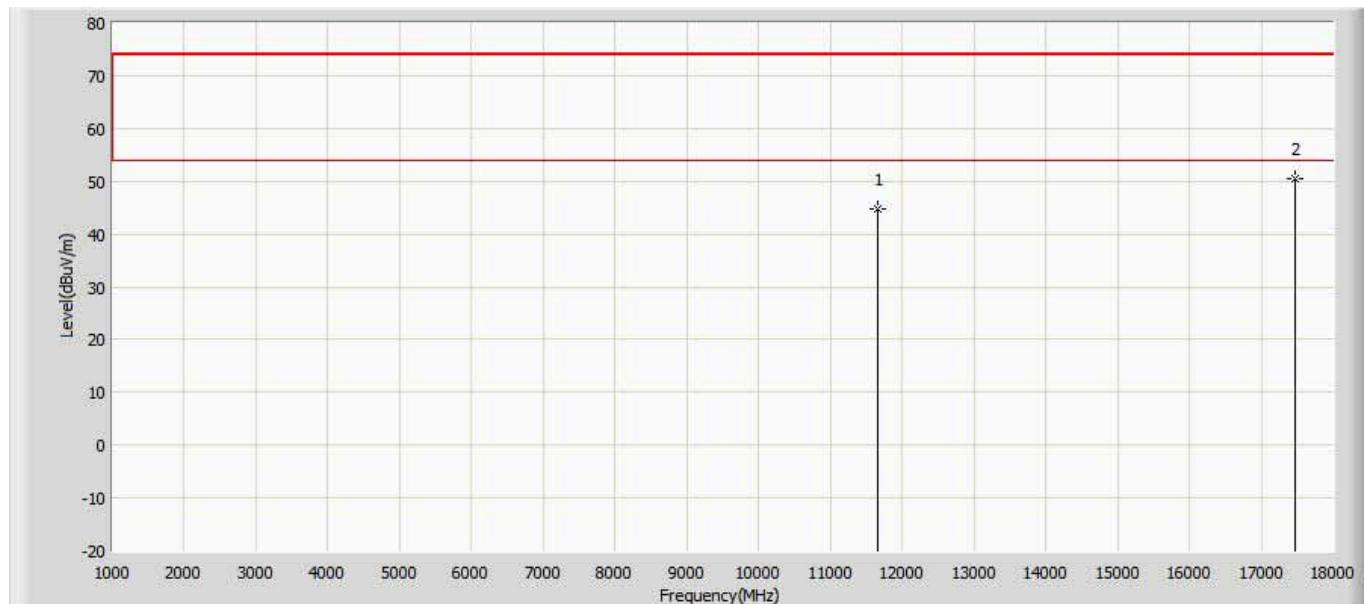
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.429	44.429	-29.571	74.000	-0.990	PK
2	*	17355.000	48.355	48.355	-25.645	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:39
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 10:Transmit at 5825MHz by 802.11ac20	



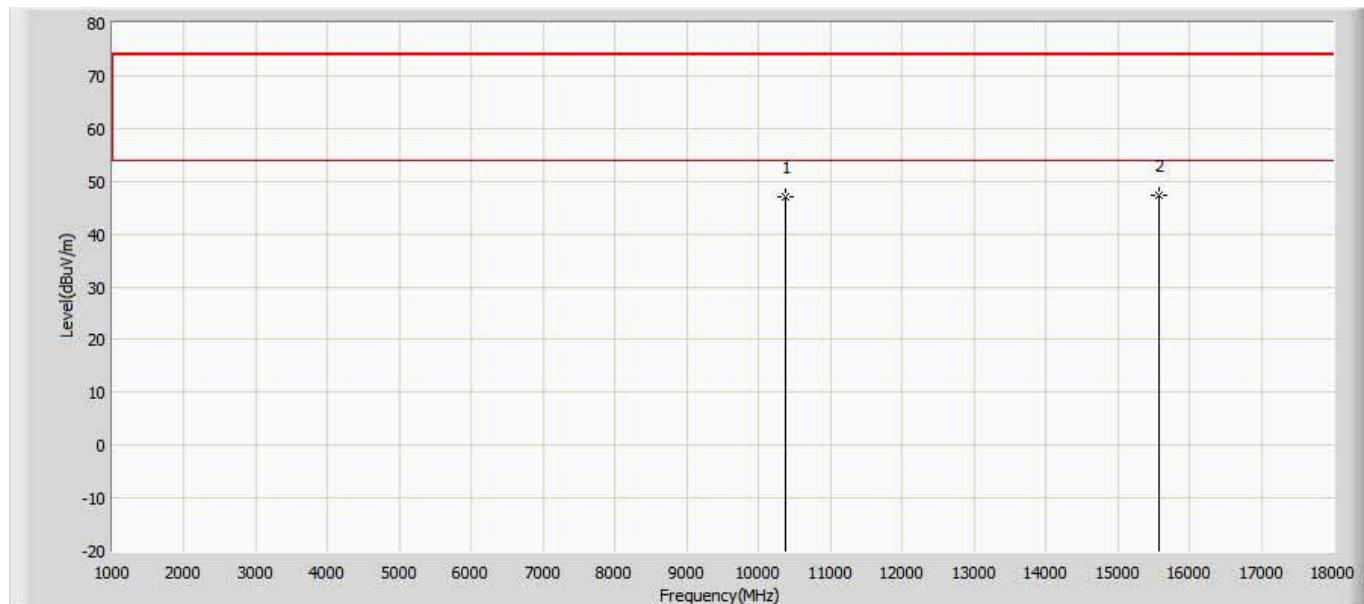
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.245	47.235	-27.755	74.000	-0.990	PK
2	*	17475.000	49.160	43.860	-24.840	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:39
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 10:Transmit at 5825MHz by 802.11ac20	



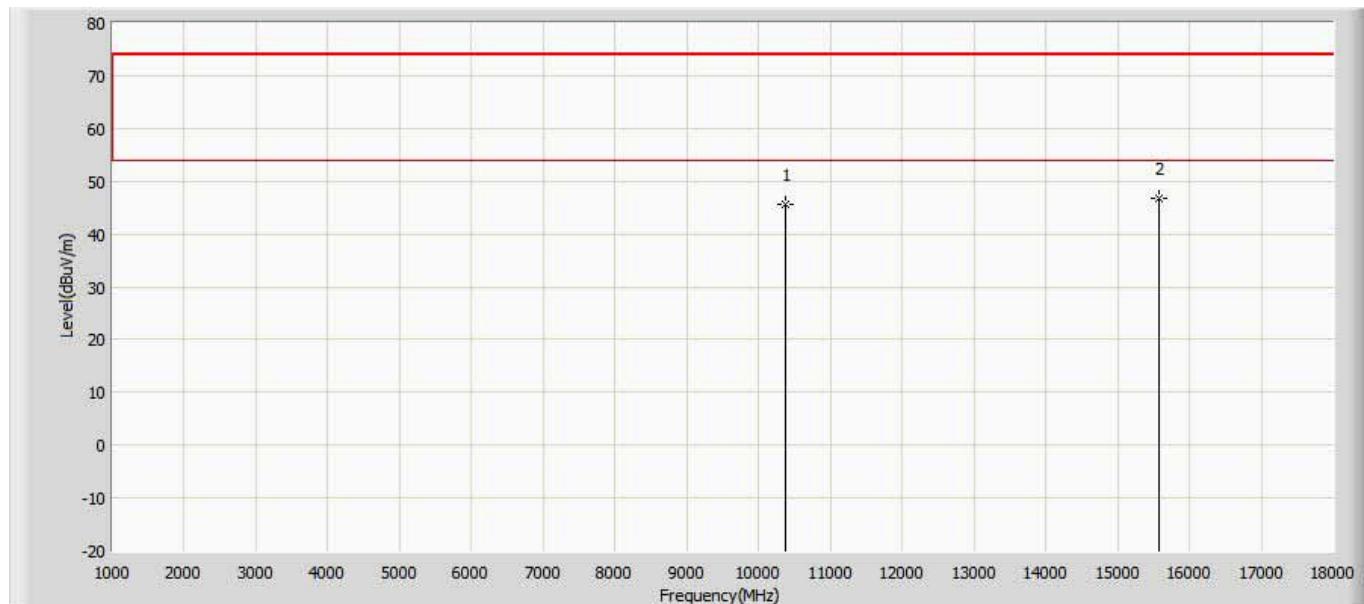
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	44.617	44.617	-29.383	74.000	-0.990	PK
2	*	17475.000	50.502	45.202	-23.498	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 11:Transmit at 5190MHz by 802.11ac40	



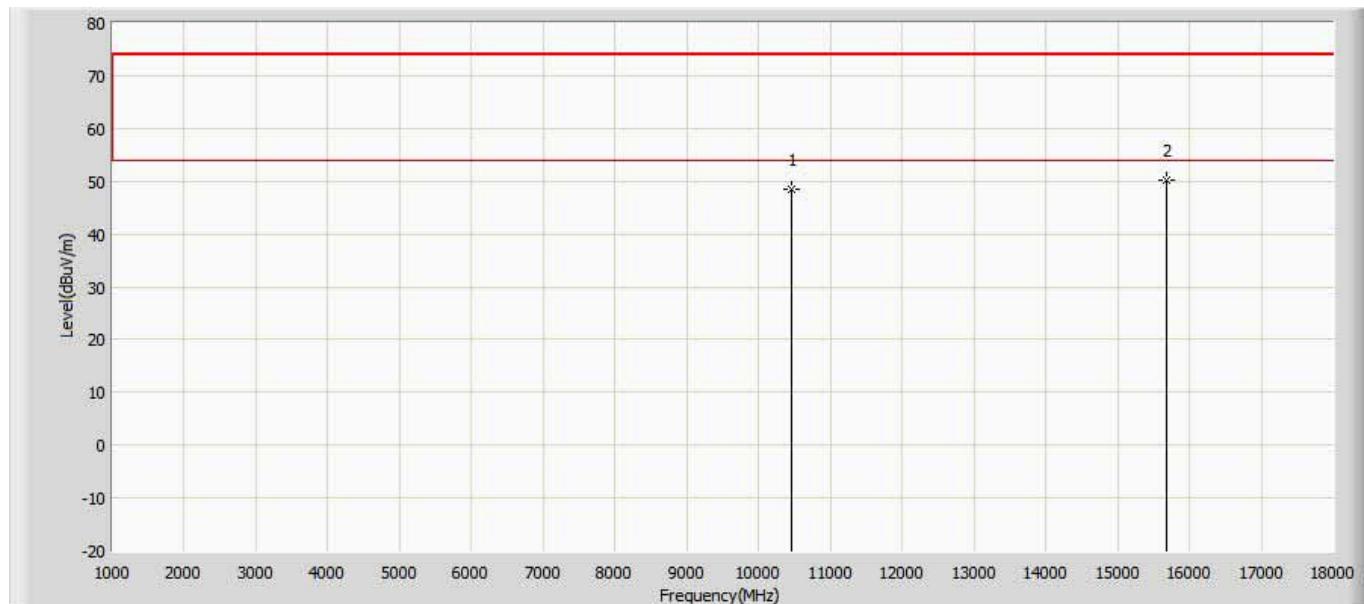
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	47.062	47.482	-26.938	74.000	-0.420	PK
2	*	15570.000	47.274	44.894	-26.726	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:40
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 11:Transmit at 5190MHz by 802.11ac40	



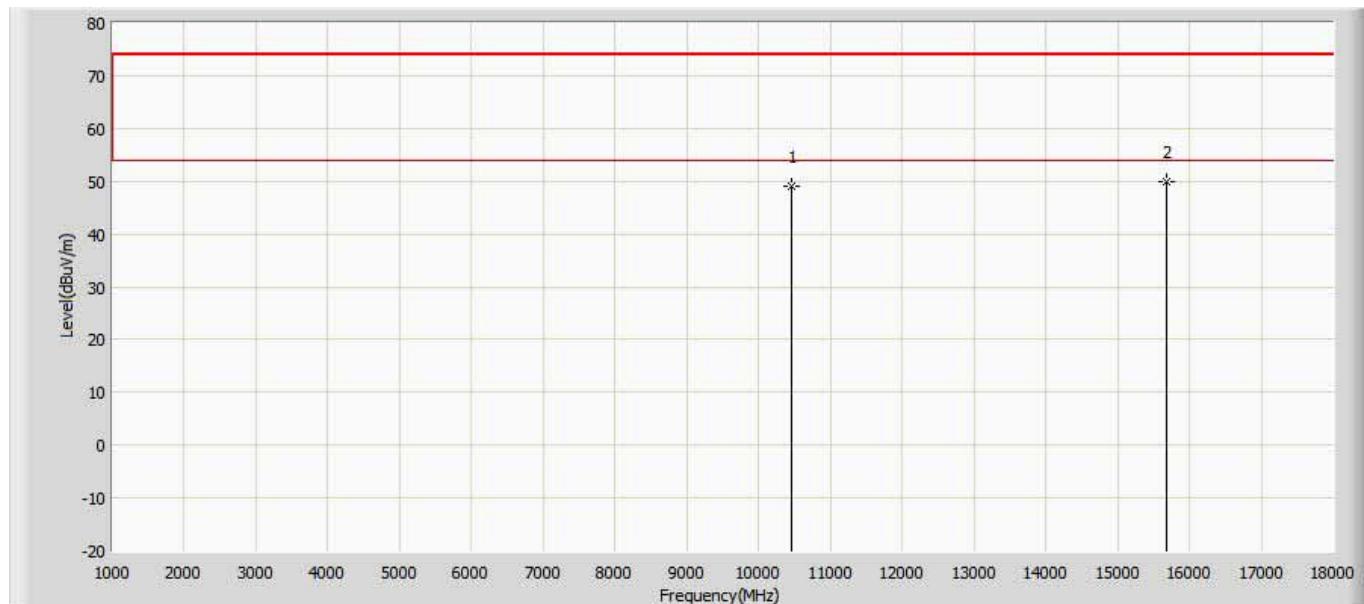
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.757	46.177	-28.243	74.000	-0.420	PK
2	*	15570.000	46.855	44.475	-27.145	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 11:Transmit at 5230MHz by 802.11ac40	



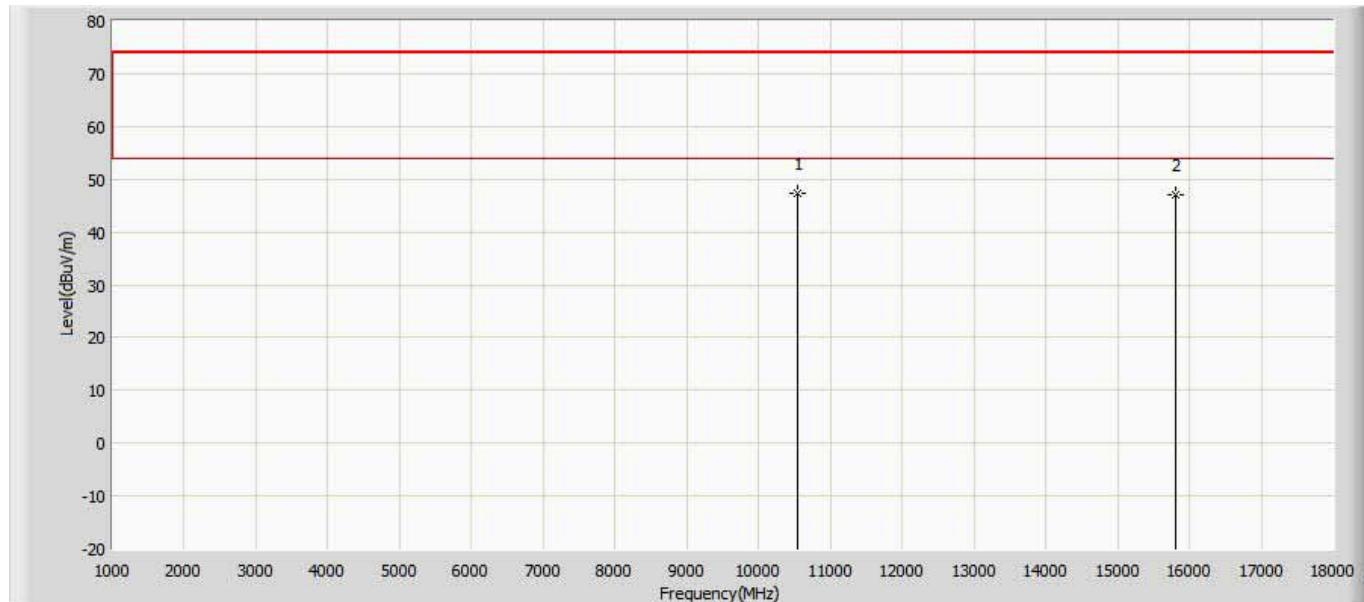
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	48.449	48.869	-25.551	74.000	-0.420	PK
2	*	15690.000	50.158	45.768	-23.842	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:40
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 11:Transmit at 5230MHz by 802.11ac40	



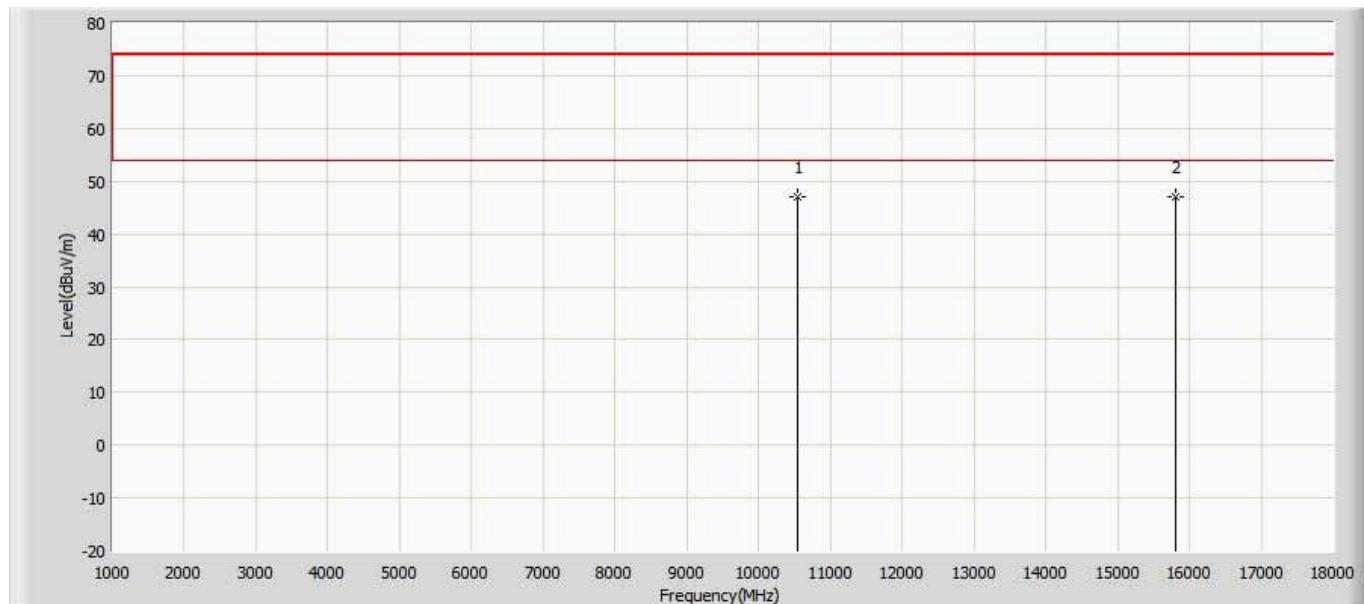
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	49.110	49.530	-24.890	74.000	-0.420	PK
2	*	15690.000	49.819	45.429	-24.181	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 11:Transmit at 5270MHz by 802.11ac40	



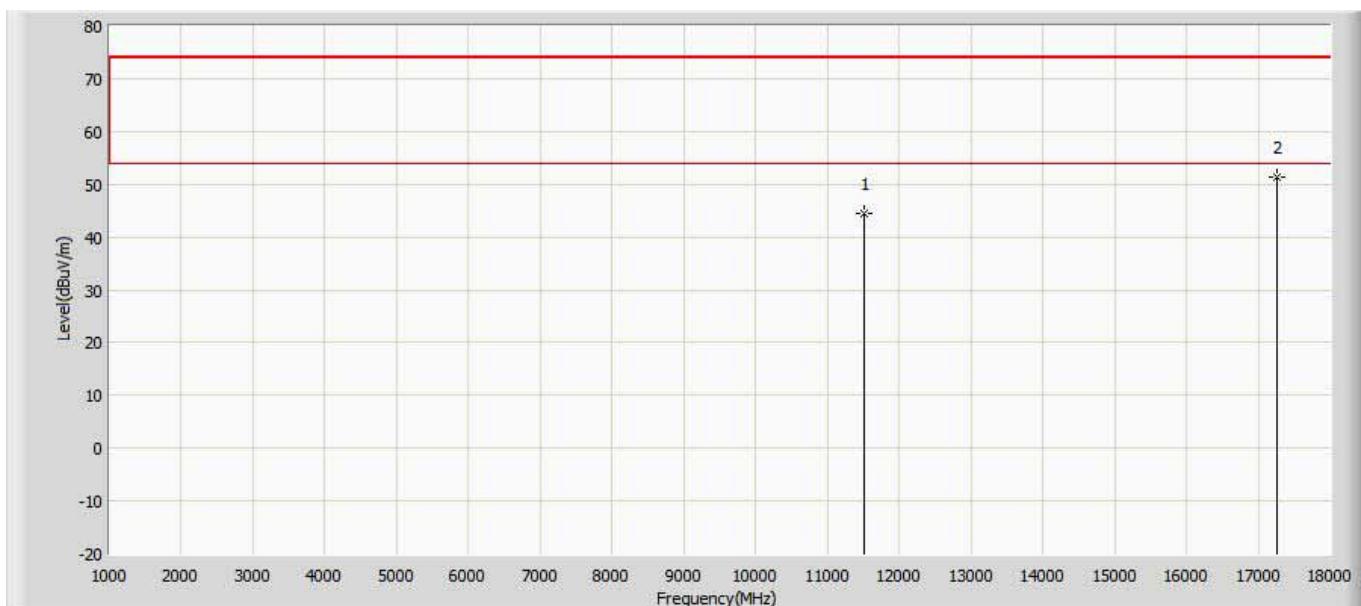
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10540.000	47.374	47.794	-26.626	74.000	-0.420	PK
2		15810.000	47.077	42.687	-26.923	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:40
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 11:Transmit at 5270MHz by 802.11ac40	



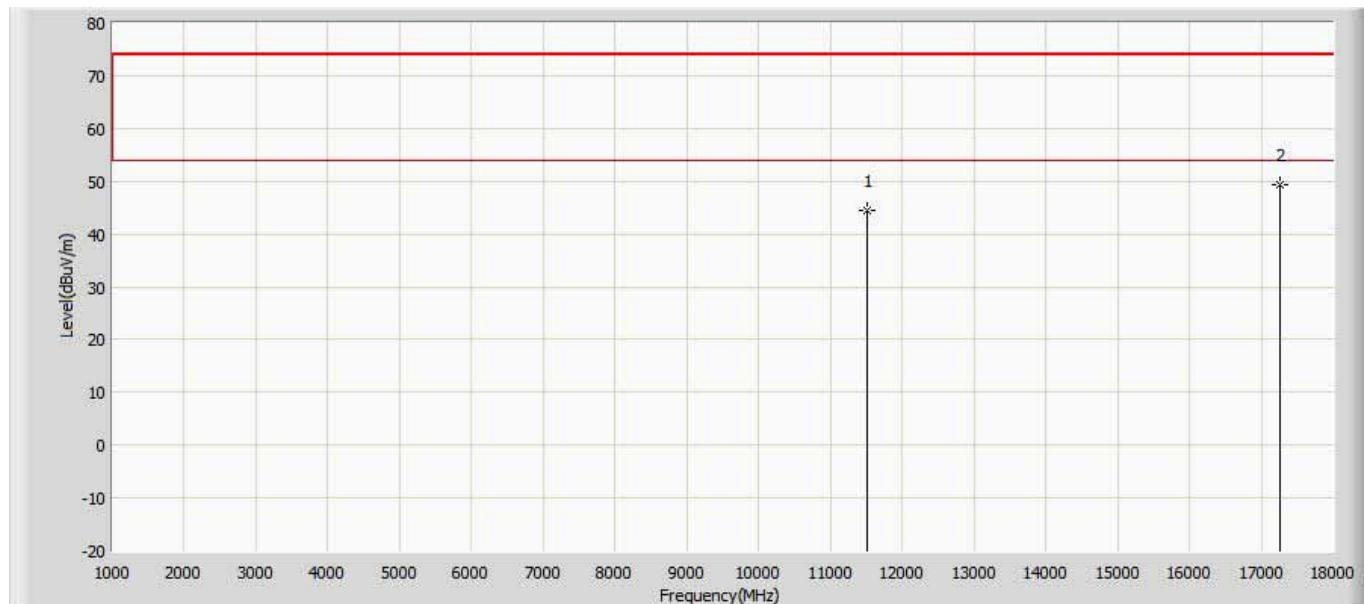
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	46.966	47.386	-27.034	74.000	-0.420	PK
2	*	15810.000	47.056	42.666	-26.944	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:42
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 11:Transmit at 5755MHz by 802.11ac40	



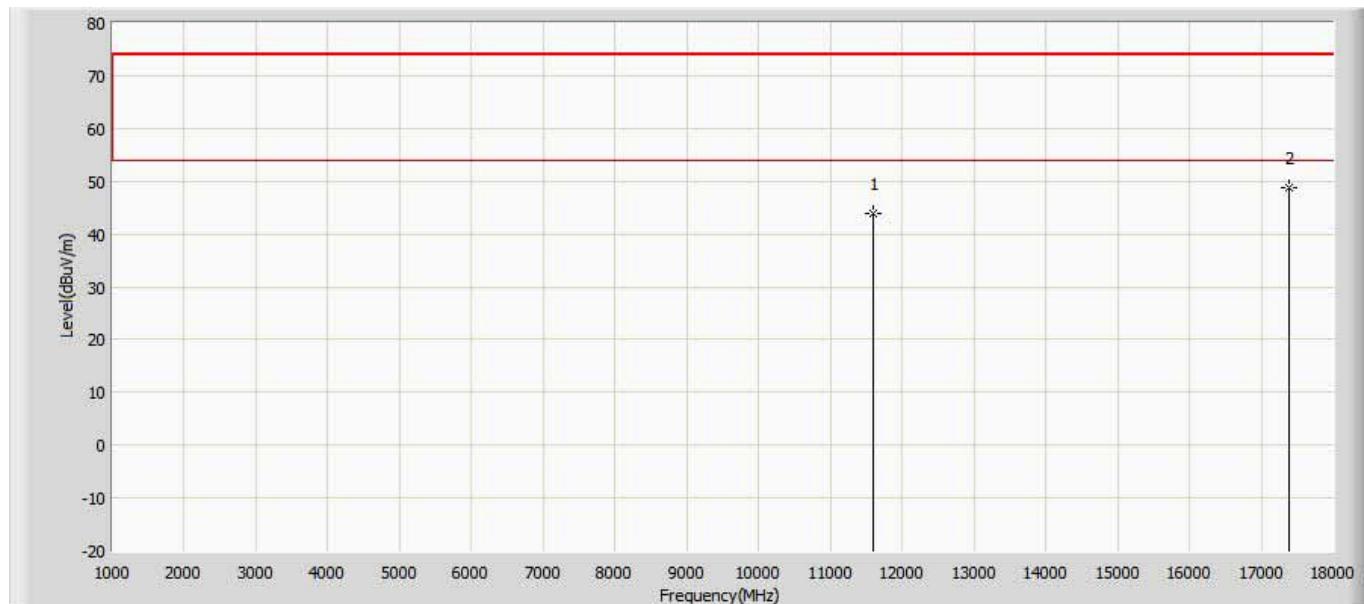
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.416	44.416	-29.584	74.000	-0.990	PK
2	*	17265.000	51.235	51.235	-22.765	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:42
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 11:Transmit at 5755MHz by 802.11ac40	



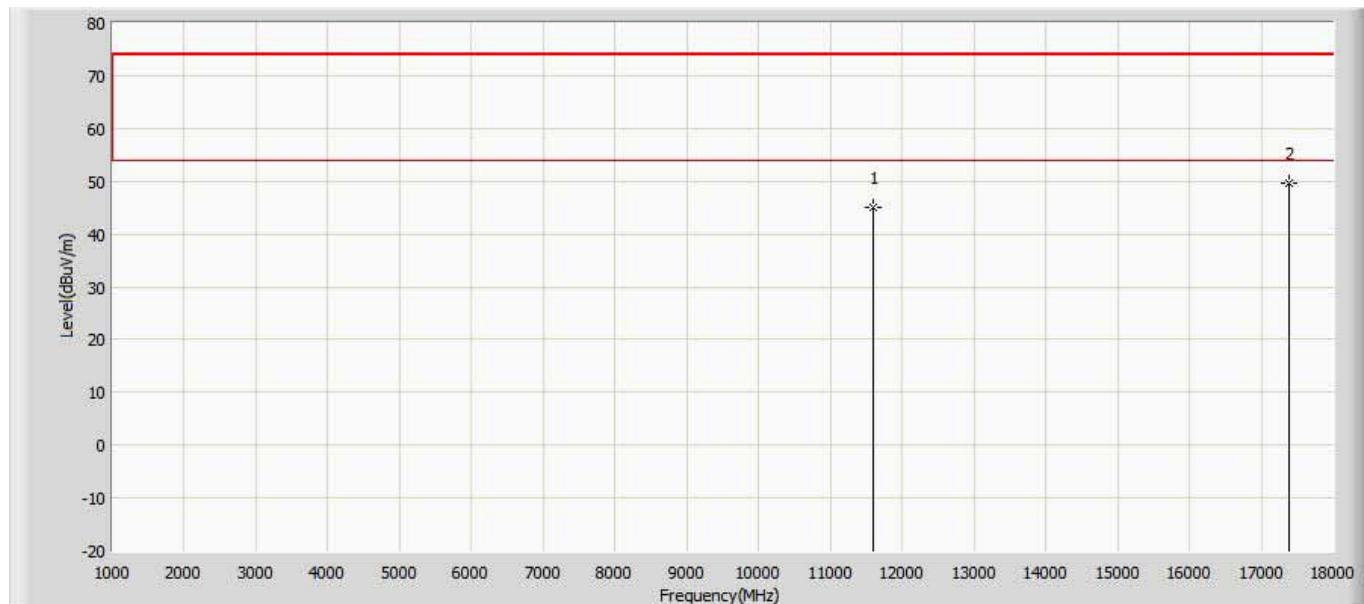
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.393	45.383	-29.607	74.000	-0.990	PK
2	*	17265.000	49.272	43.972	-24.728	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:42
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 11:Transmit at 5795MHz by 802.11ac40	



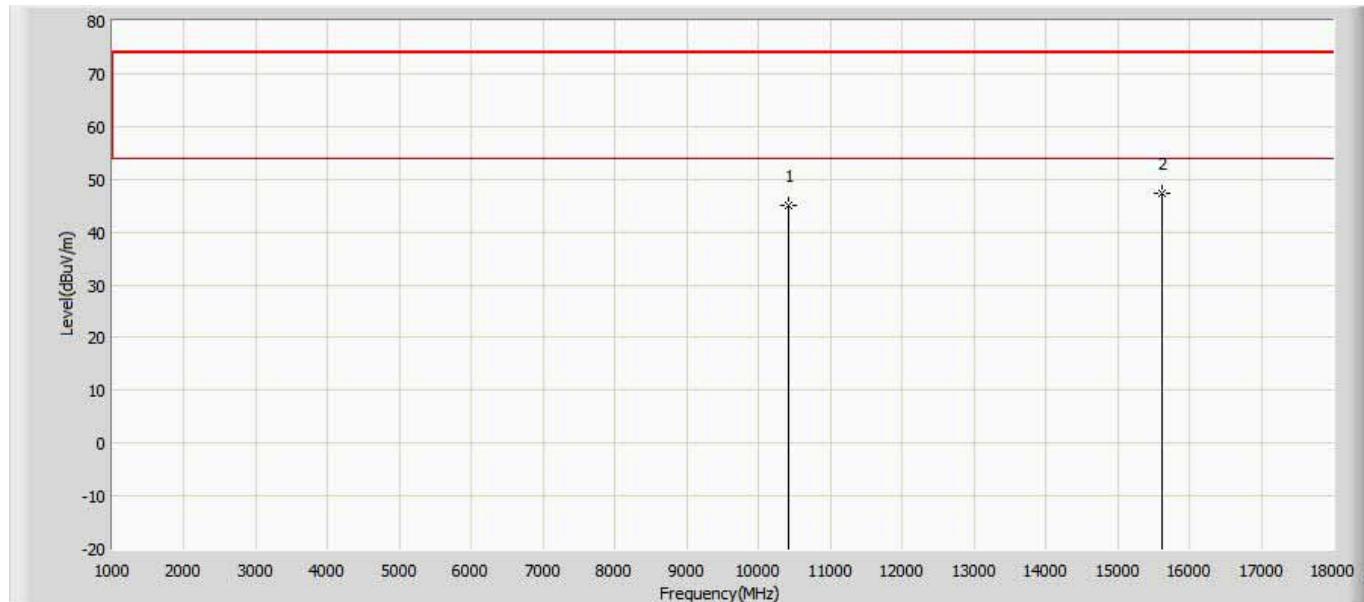
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	43.870	44.860	-30.130	74.000	-0.990	PK
2	*	17385.000	48.840	43.540	-25.160	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:42
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 11:Transmit at 5795MHz by 802.11ac40	



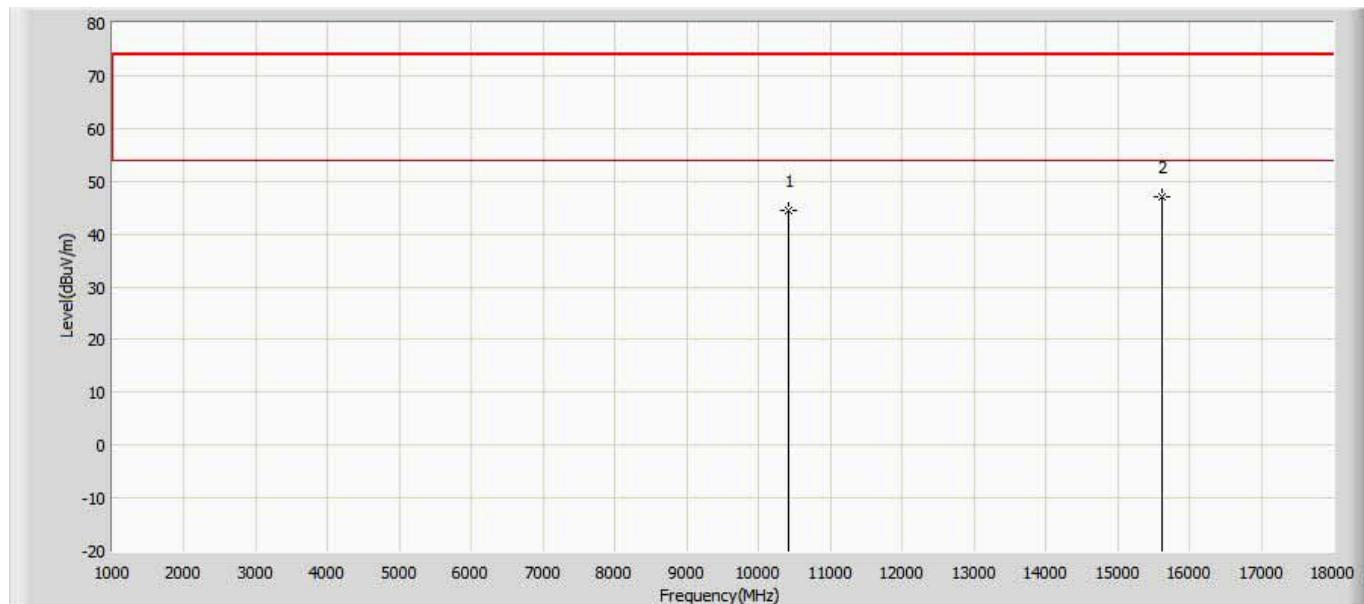
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.912	44.902	-29.088	74.000	-0.990	PK
2	*	17385.000	49.507	44.207	-24.493	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:42
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 12::Transmit at 5210MHz by 802.11ac80	



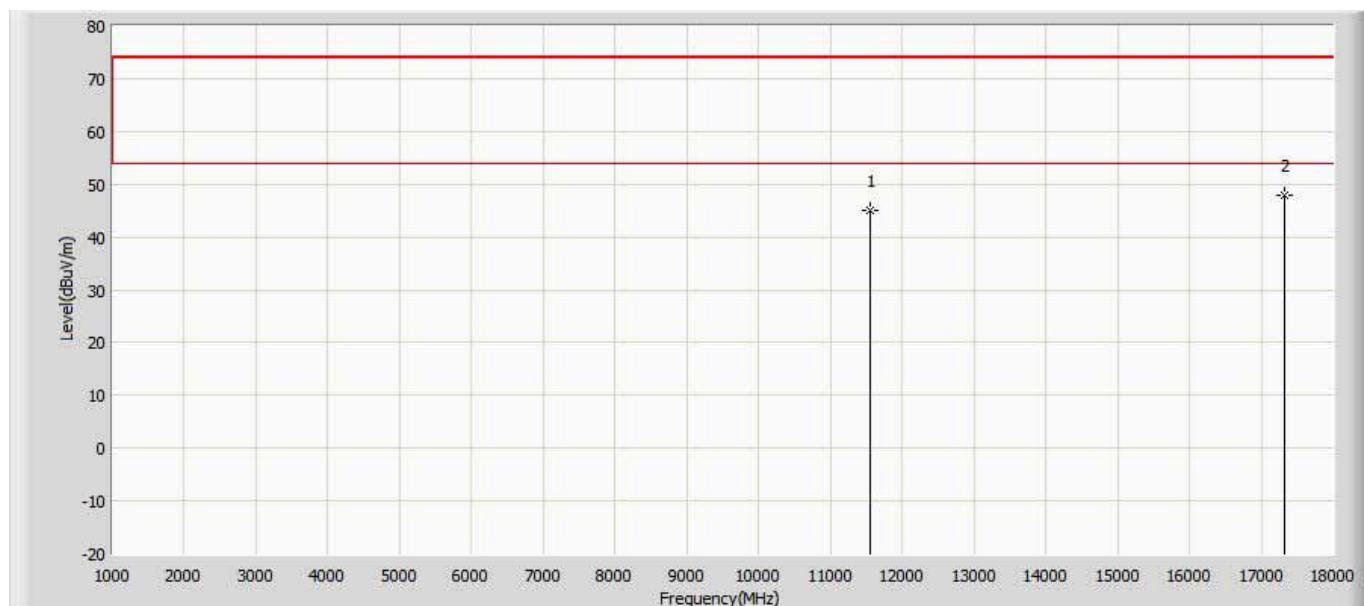
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	45.085	45.505	-28.915	74.000	-0.420	PK
2	*	15630.000	47.312	43.750	-26.688	74.000	3.562	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:43
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 12::Transmit at 5210MHz by 802.11ac80	



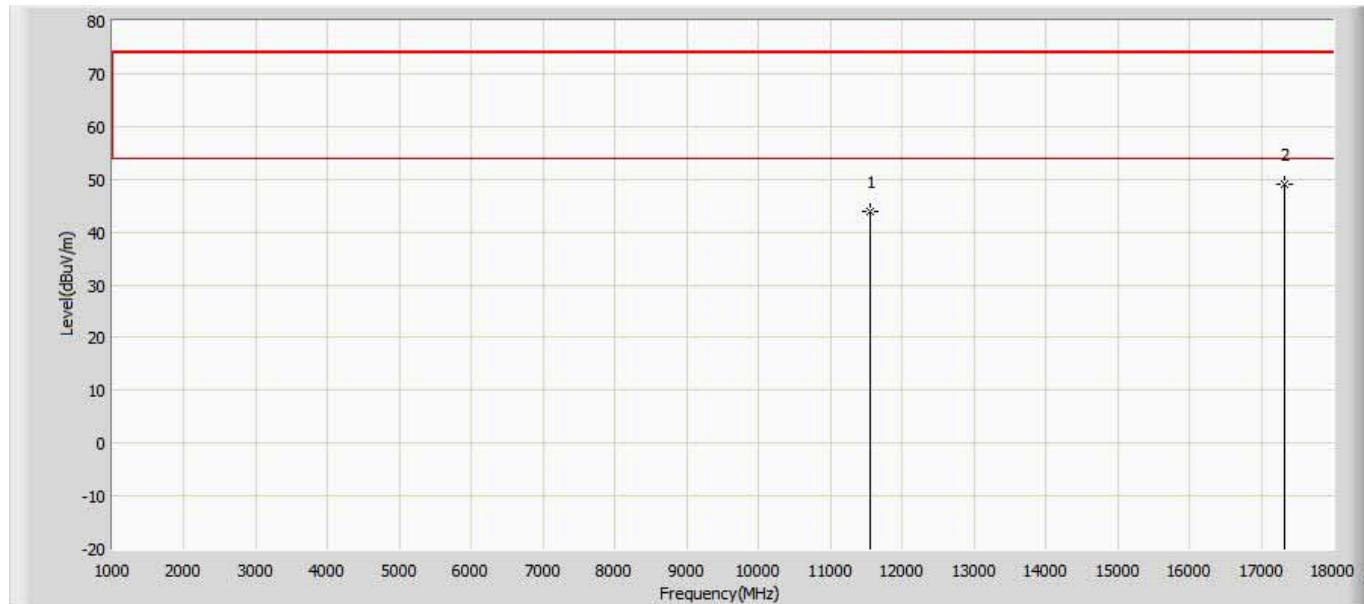
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	44.580	45.000	-29.420	74.000	-0.420	PK
2	*	15630.000	47.014	43.452	-26.986	74.000	3.562	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 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 12::Transmit at 5775MHz by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	44.999	45.989	-29.001	74.000	-0.990	PK
2	*	17325.000	47.911	42.611	-26.089	74.000	5.300	PK

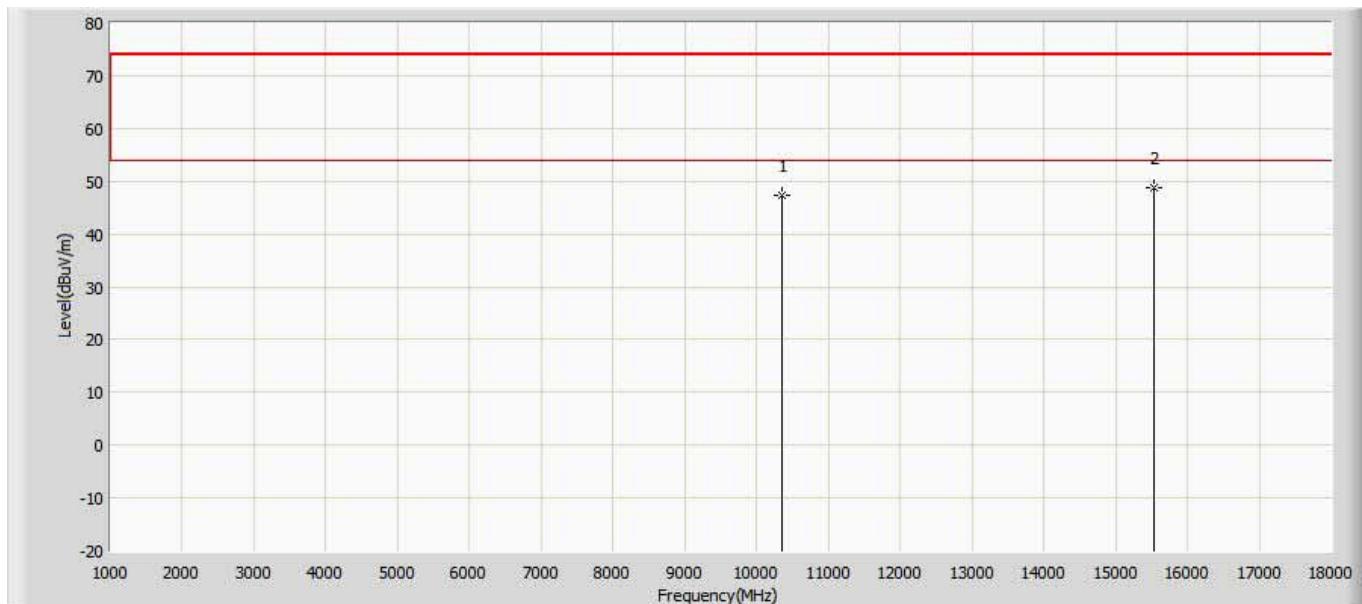
Engineer: Simon	
Site: AC5	Time: 2017/11/08 - 14:44
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 12::Transmit at 5775MHz by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	43.794	44.784	-30.206	74.000	-0.990	PK
2	*	17325.000	49.000	43.700	-25.000	74.000	5.300	PK

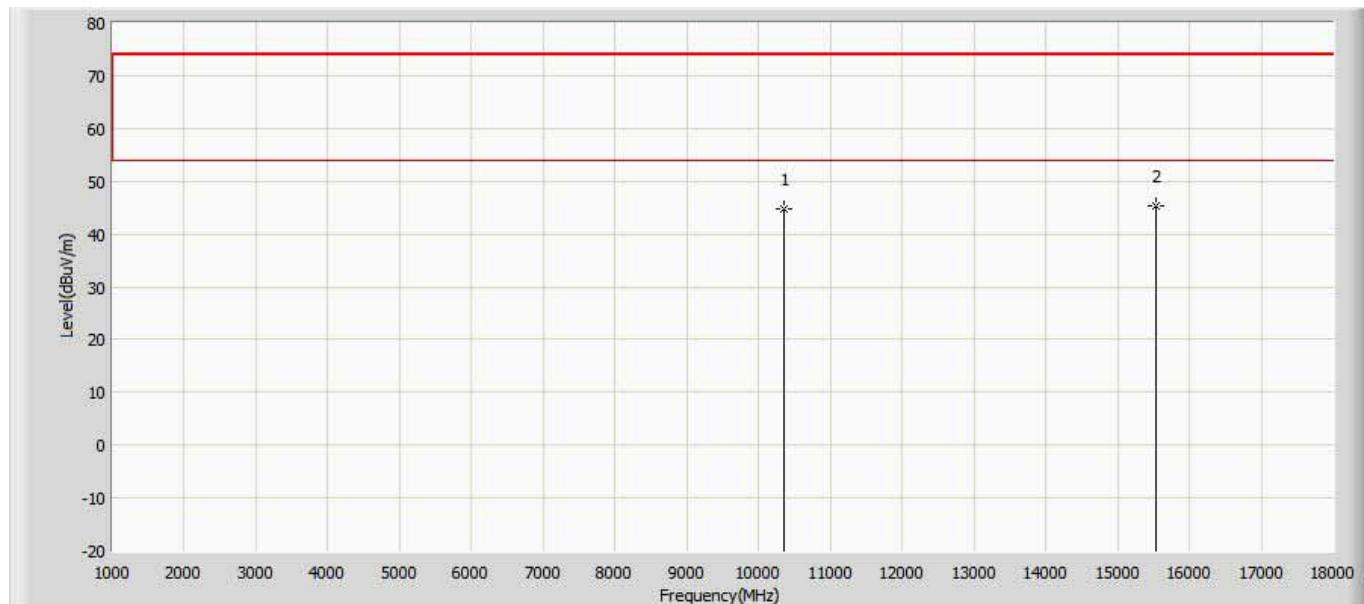
Beam-forming:

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:58
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 13:Transmit at 5180MHz by 802.11n20	



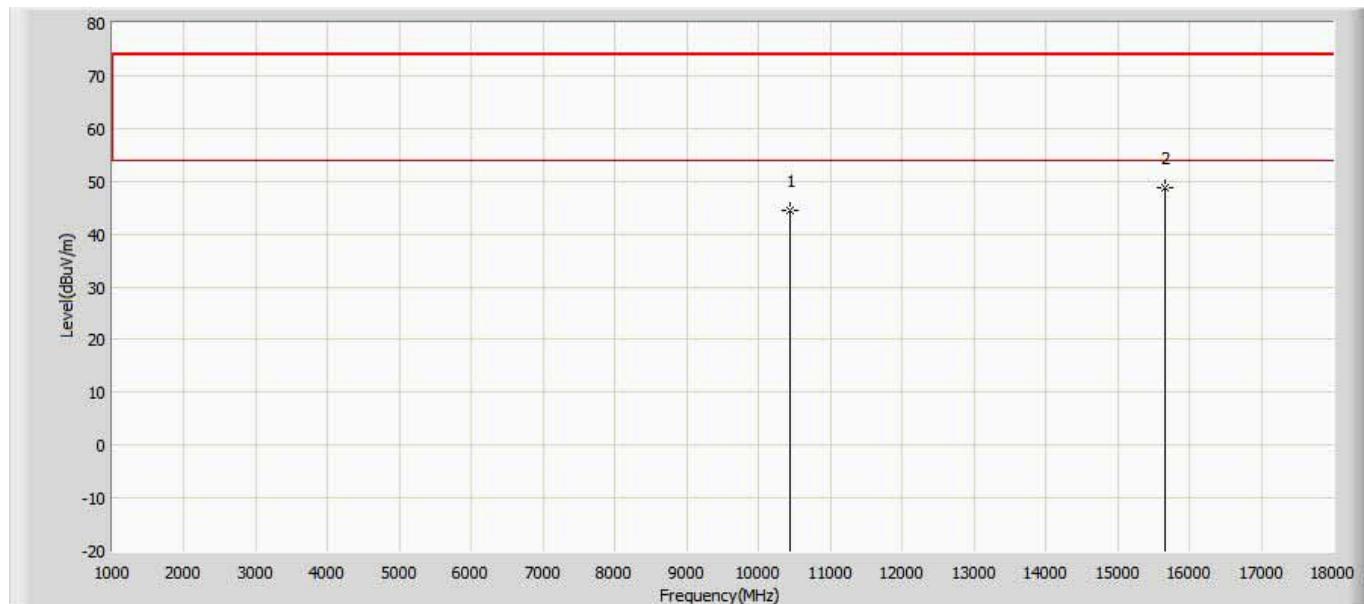
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	47.470	47.470	-26.530	74.000	-1.054	PK
2	*	15540.000	48.769	48.769	-25.231	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:58
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 13:Transmit at 5180MHz by 802.11n20	



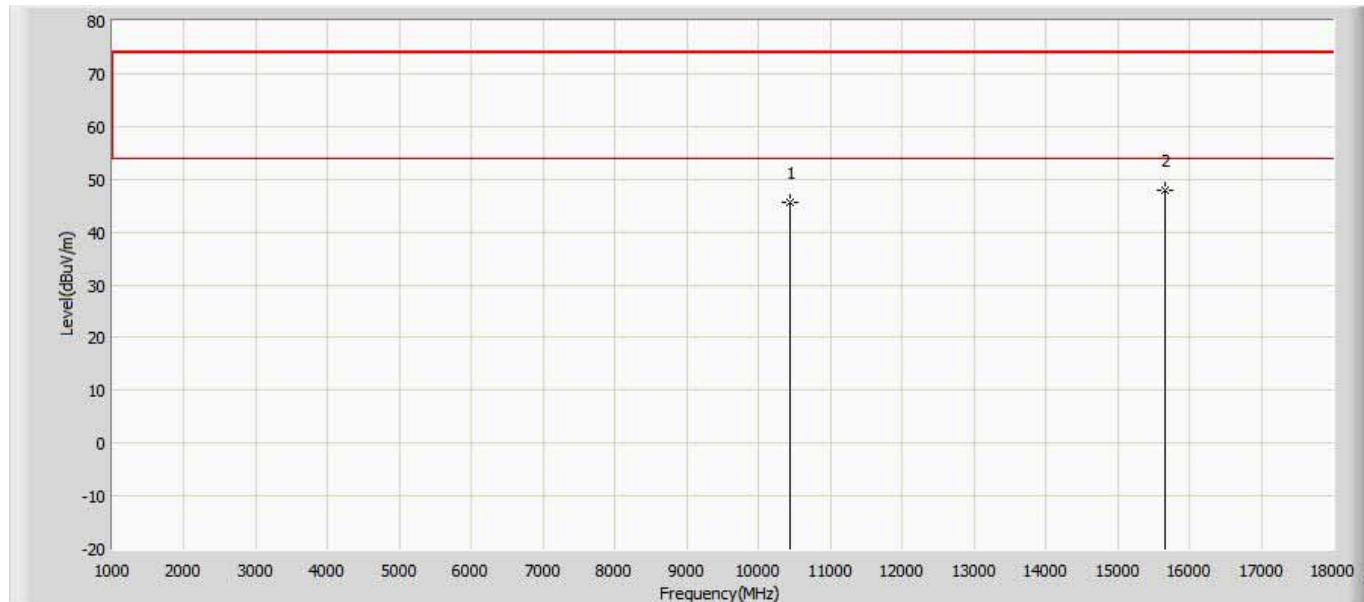
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	44.752	45.806	-29.248	74.000	-1.054	PK
2	*	15540.000	45.302	42.922	-28.698	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:59
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 13:Transmit at 5220MHz by 802.11n20	



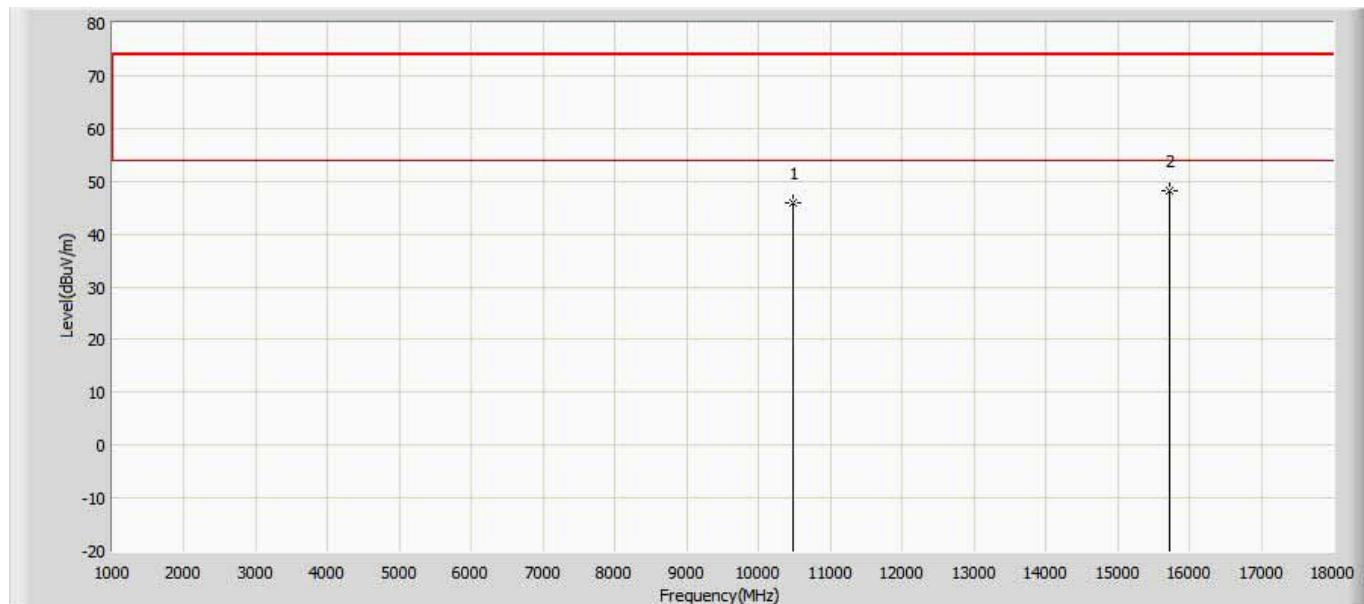
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	44.528	44.948	-29.472	74.000	-0.420	PK
2	*	15660.000	48.753	44.363	-25.247	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:59
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 13:Transmit at 5220MHz by 802.11n20	



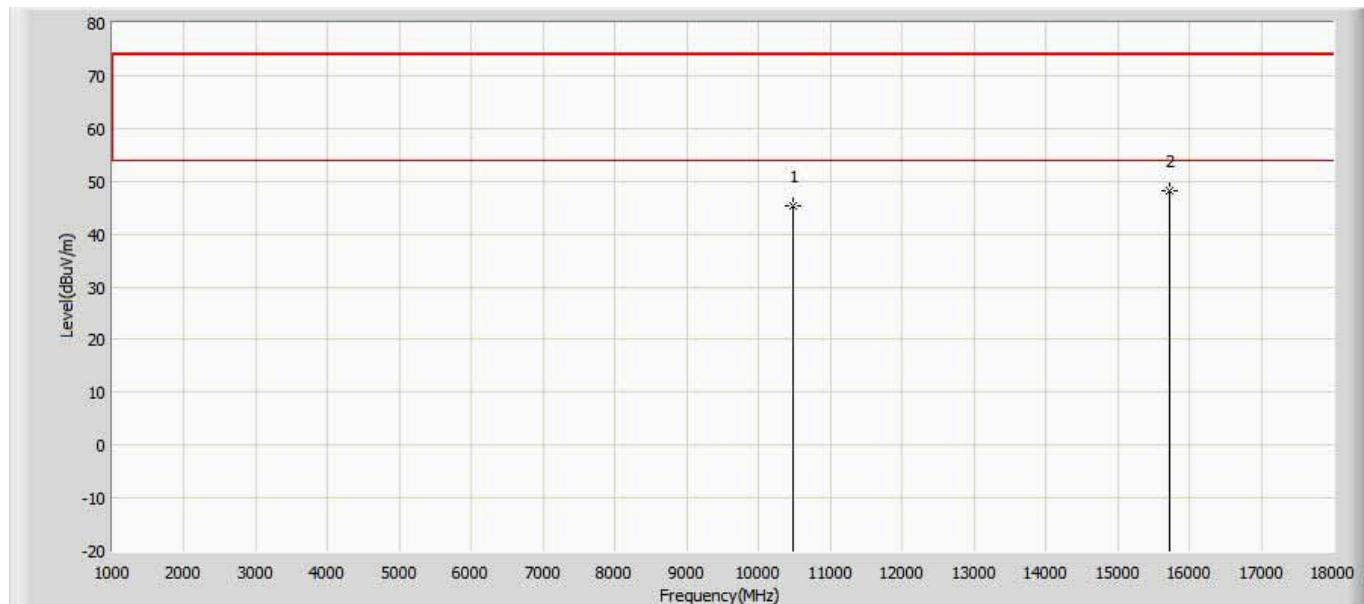
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10440.000	45.571	45.991	-28.429	74.000	-0.420	PK
2	*	15660.000	47.857	43.467	-26.143	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:59
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 13:Transmit at 5240MHz by 802.11n20	



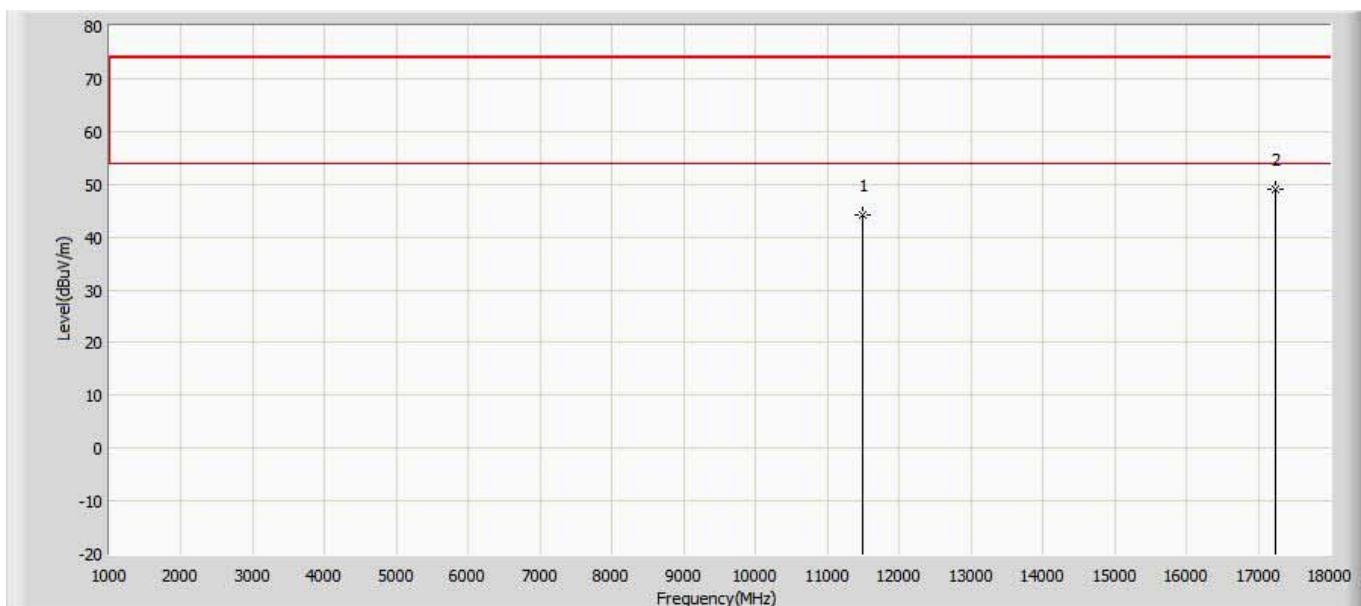
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	45.928	46.348	-28.072	74.000	-0.420	PK
2	*	15720.000	48.207	43.817	-25.793	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 21:59
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 13:Transmit at 5240MHz by 802.11n20	



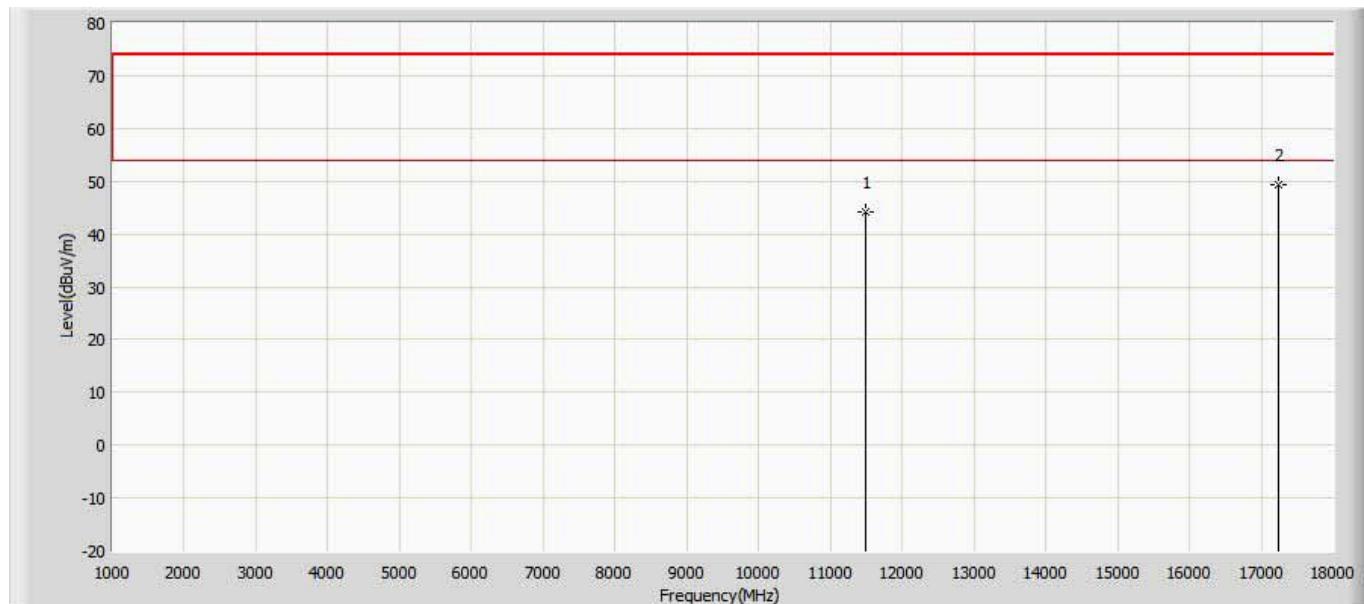
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	45.457	45.877	-28.543	74.000	-0.420	PK
2	*	15720.000	48.243	43.853	-25.757	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:01
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 13:Transmit at 5745MHz by 802.11n20	



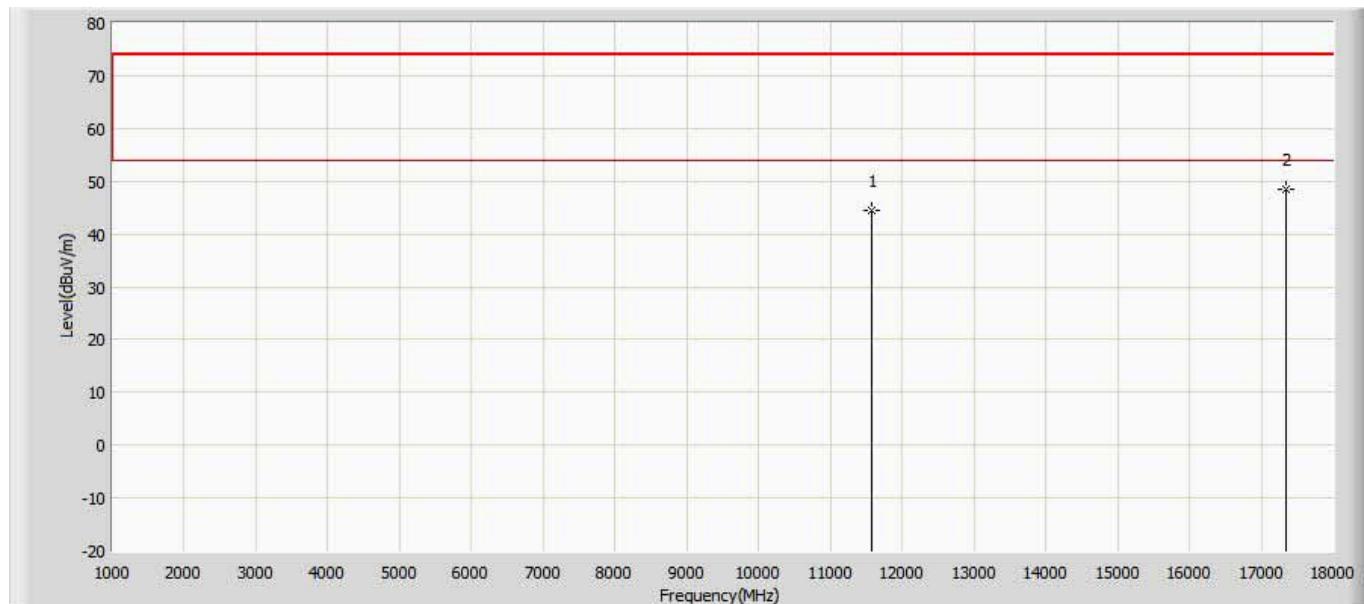
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.269	45.259	-29.731	74.000	-0.990	PK
2	*	17235.000	49.084	43.784	-24.916	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:01
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 13:Transmit at 5745MHz by 802.11n20	



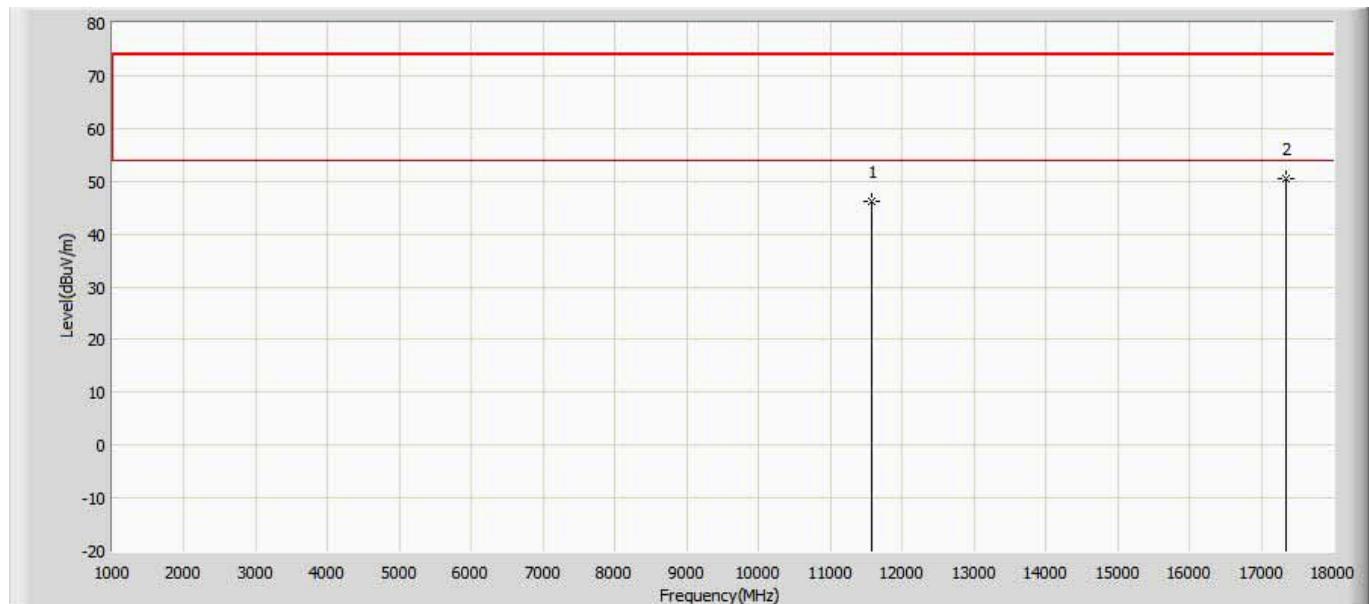
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.164	45.154	-29.836	74.000	-0.990	PK
2	*	17235.000	49.457	44.157	-24.543	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 13:Transmit at 5785MHz by 802.11n20	



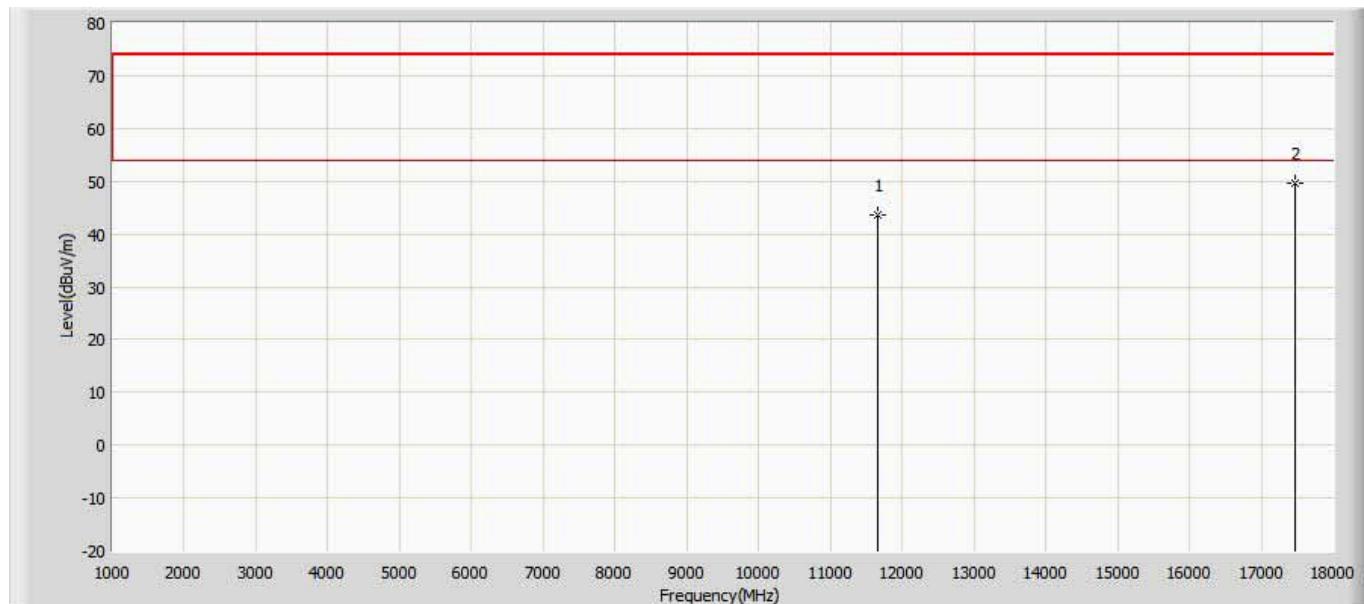
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.420	44.420	-29.580	74.000	-0.990	PK
2	*	17355.000	48.579	48.579	-25.421	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 13:Transmit at 5785MHz by 802.11n20	



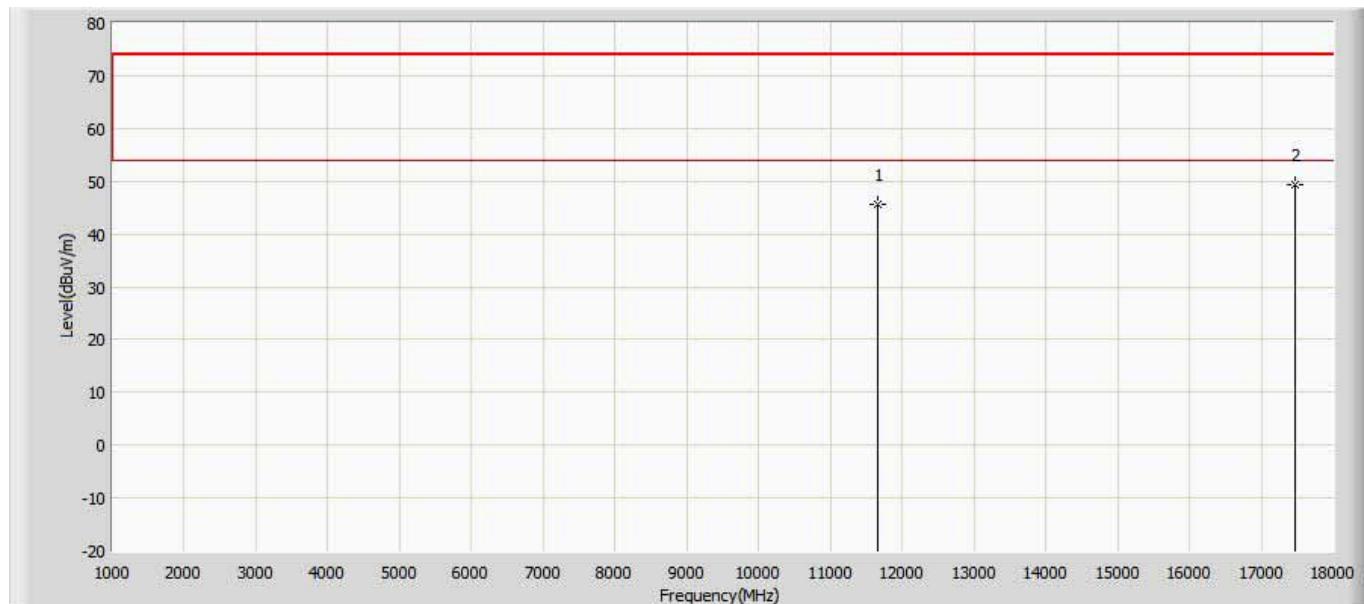
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	46.254	47.244	-27.746	74.000	-0.990	PK
2	*	17355.000	50.353	45.053	-23.647	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 13:Transmit at 5825MHz by 802.11n20	



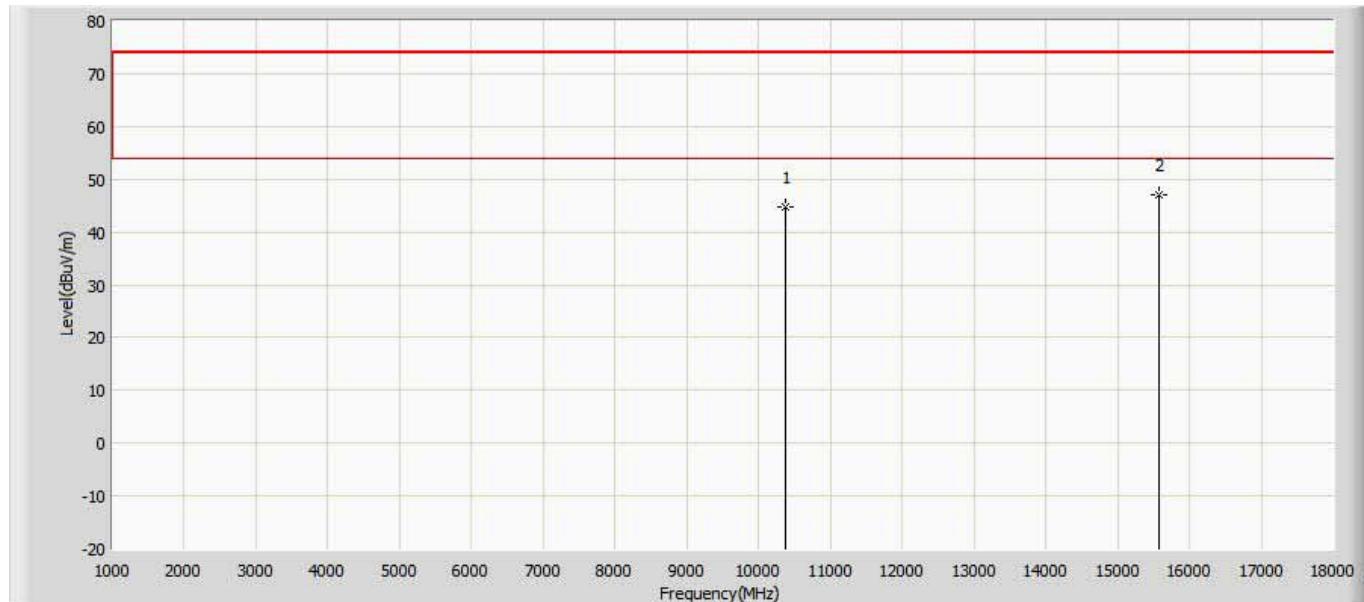
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.515	44.505	-30.485	74.000	-0.990	PK
2	*	17475.000	49.700	44.400	-24.300	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 13:Transmit at 5825MHz by 802.11n20	



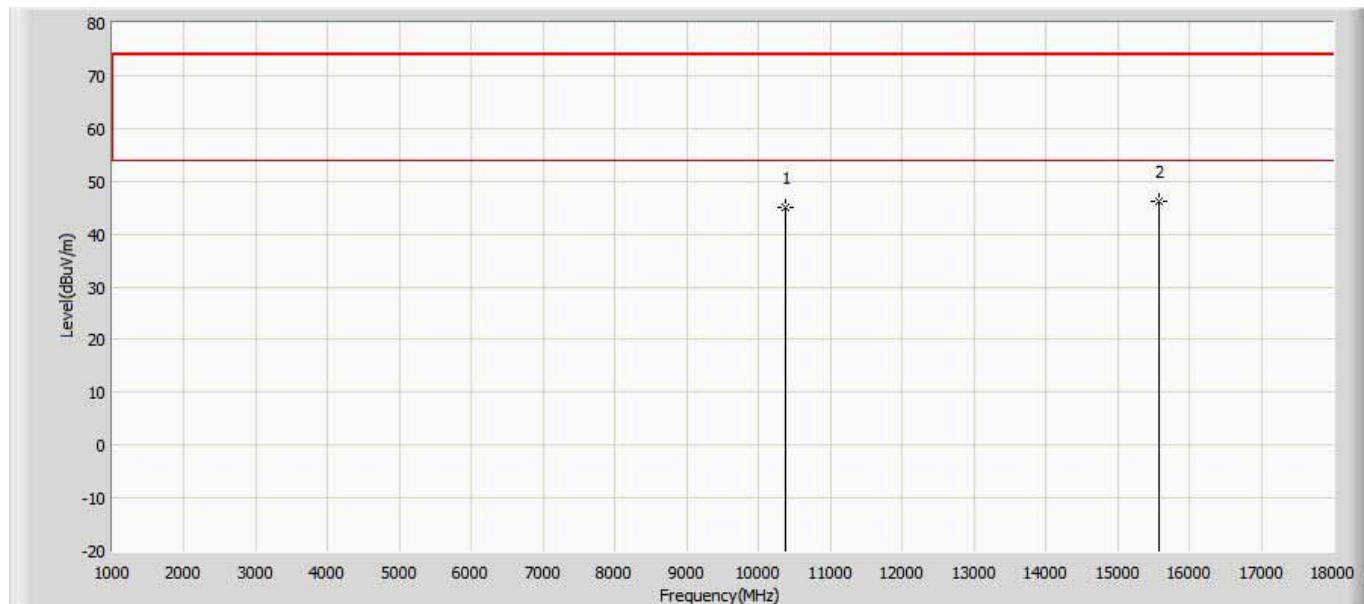
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	45.665	46.655	-28.335	74.000	-0.990	PK
2	*	17475.000	49.257	43.957	-24.743	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 14:Transmit at 5190MHz by 802.11n40	



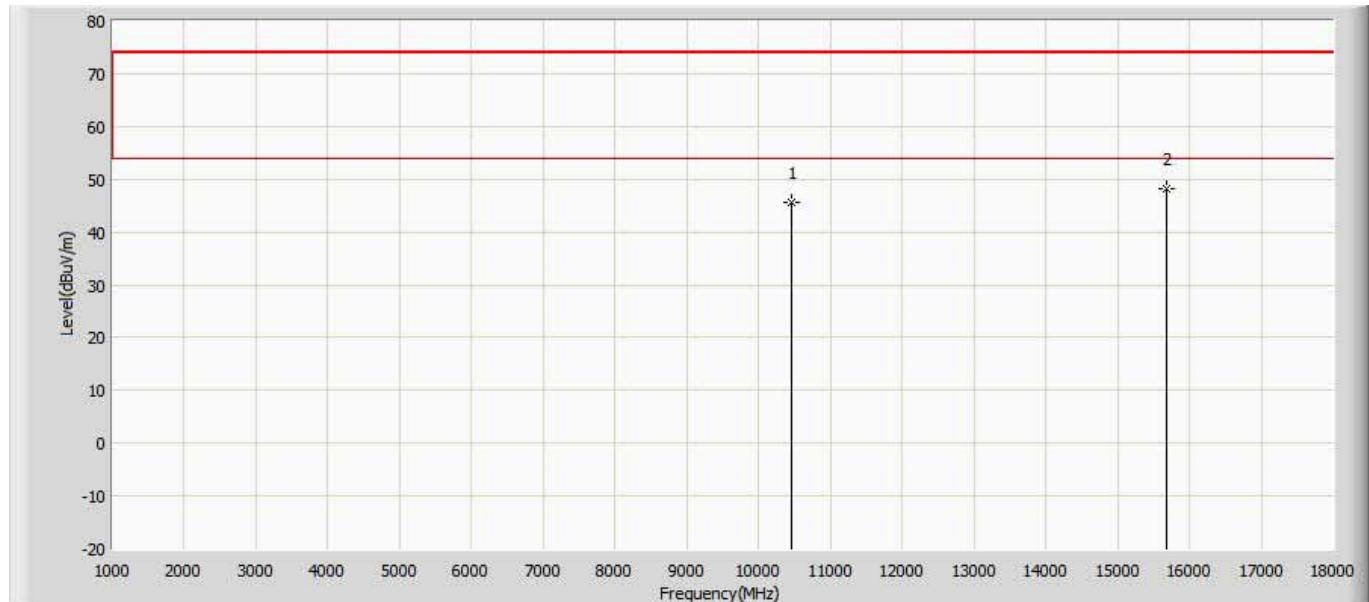
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	44.825	45.245	-29.175	74.000	-0.420	PK
2	*	15570.000	47.131	44.751	-26.869	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 14:Transmit at 5190MHz by 802.11n40	



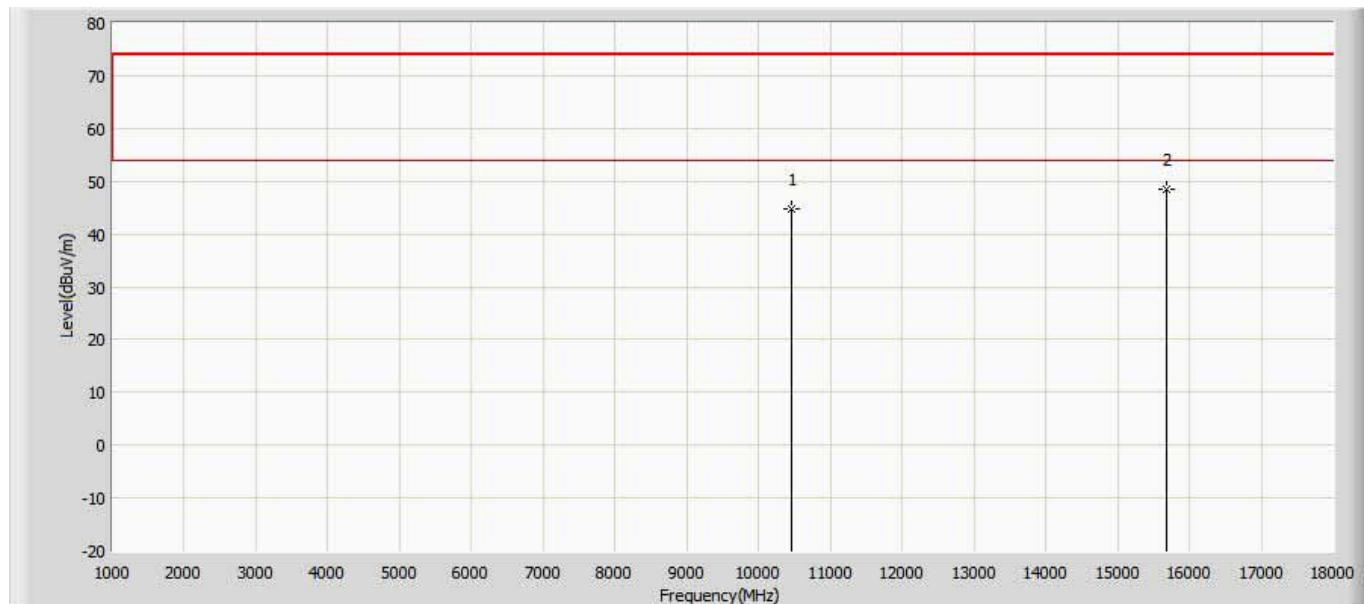
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	45.081	45.501	-28.919	74.000	-0.420	PK
2	*	15570.000	46.136	43.756	-27.864	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 14:Transmit at 5230MHz by 802.11n40	



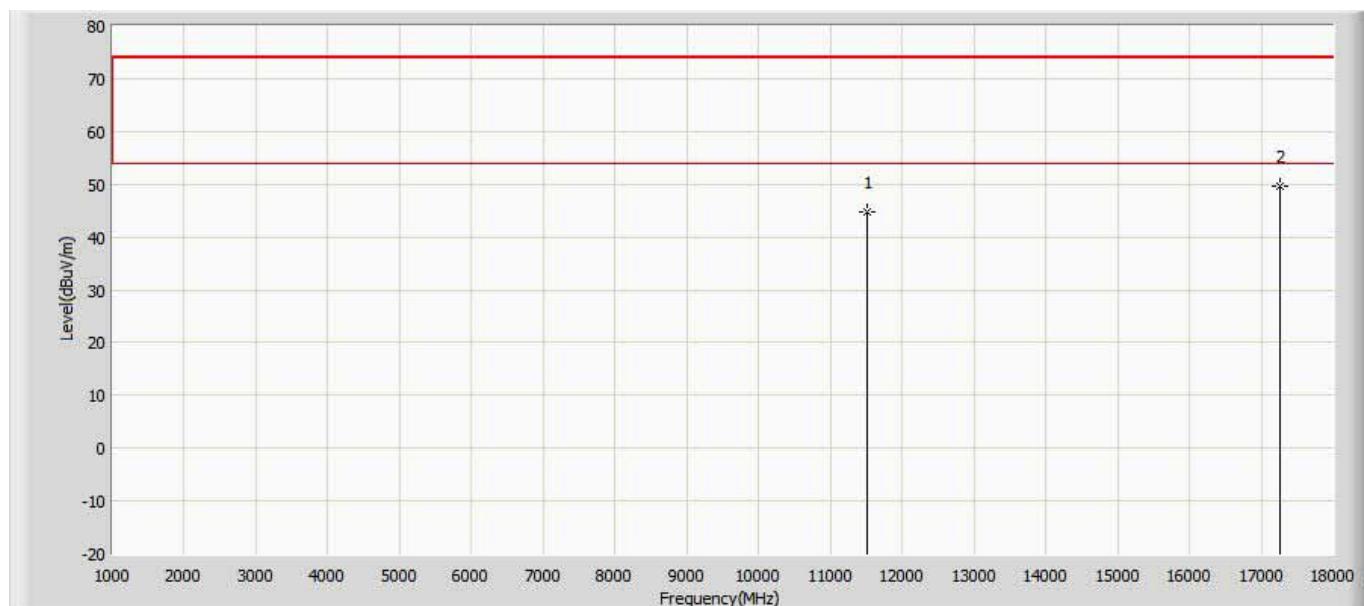
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	45.576	45.996	-28.424	74.000	-0.420	PK
2	*	15690.000	48.115	43.725	-25.885	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:02
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 14:Transmit at 5230MHz by 802.11n40	



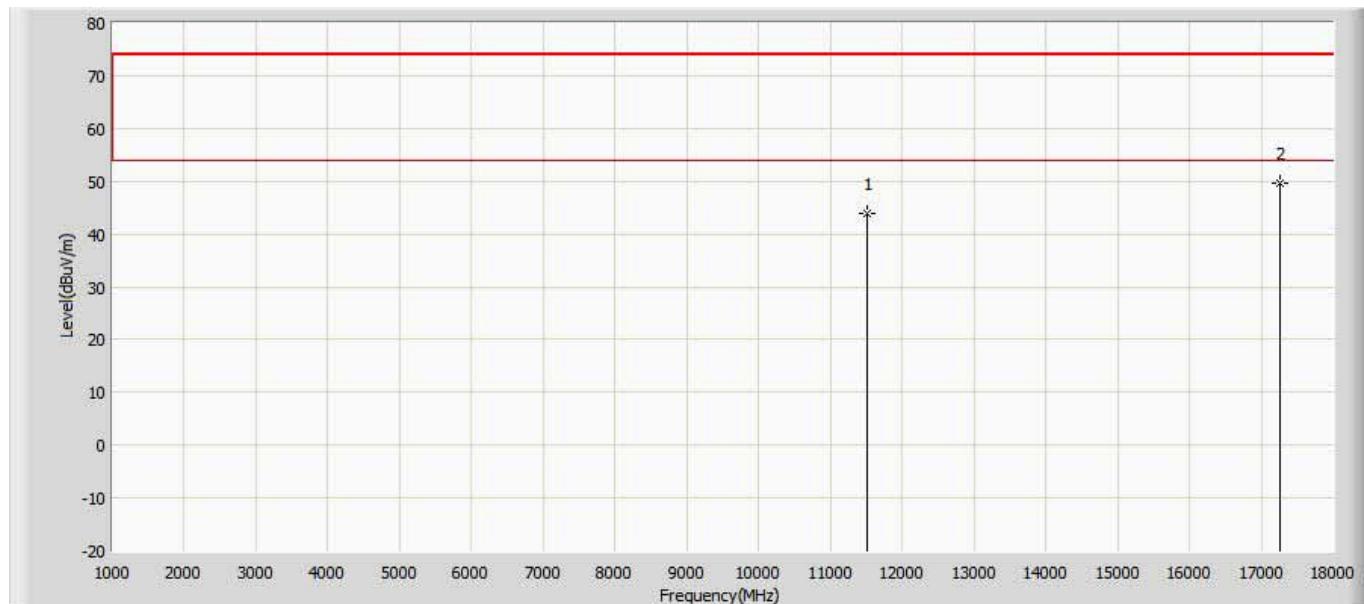
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	44.894	45.314	-29.106	74.000	-0.420	PK
2	*	15690.000	48.557	44.167	-25.443	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:04
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 14:Transmit at 5755MHz by 802.11n40	



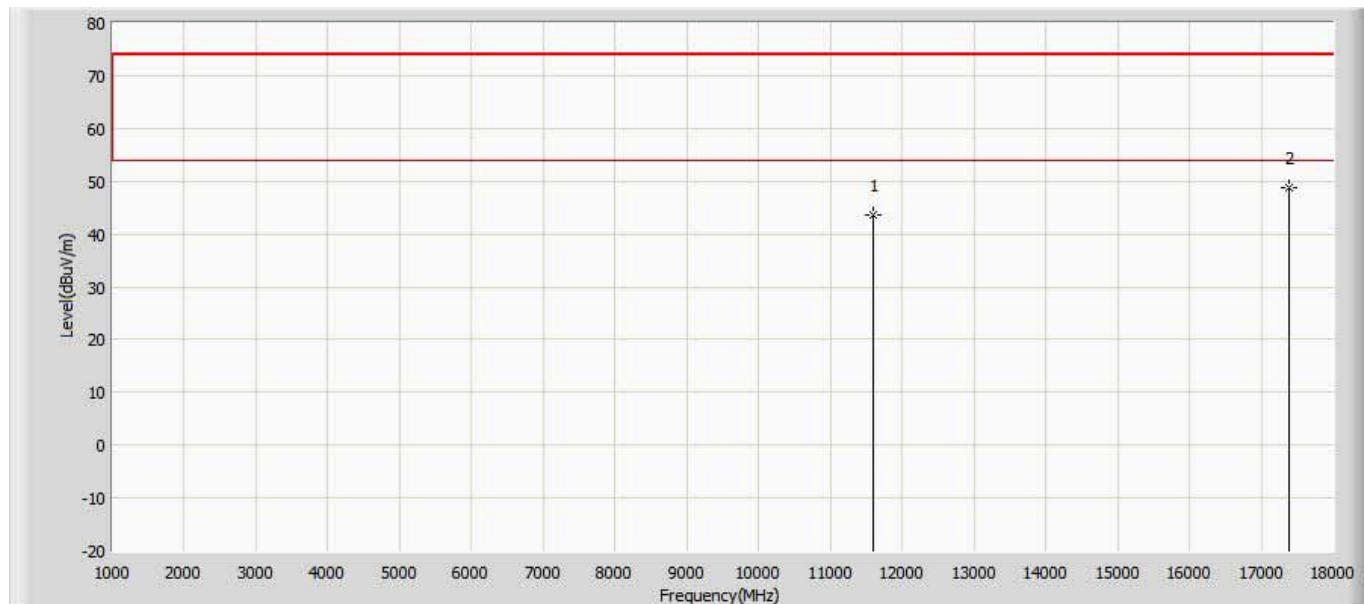
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.835	45.825	-29.165	74.000	-0.990	PK
2	*	17265.000	49.761	44.461	-24.239	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:04
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 14:Transmit at 5755MHz by 802.11n40	



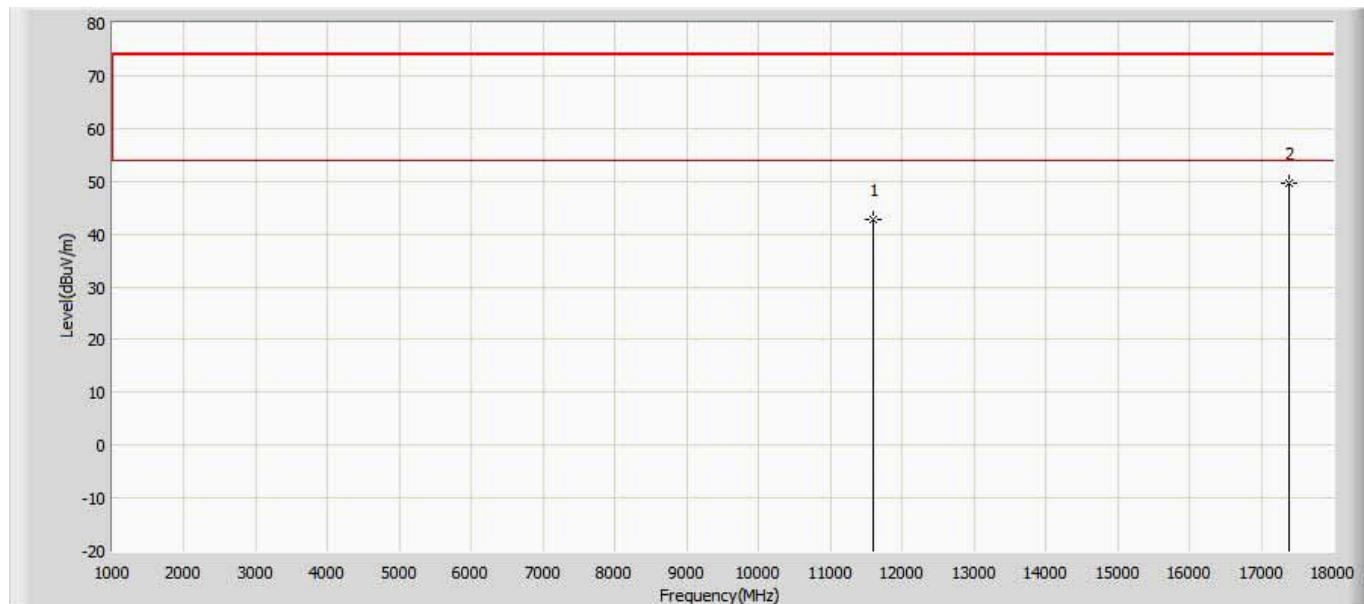
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.024	45.014	-29.976	74.000	-0.990	PK
2	*	17265.000	49.722	44.422	-24.278	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:04
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 14:Transmit at 5795MHz by 802.11n40	



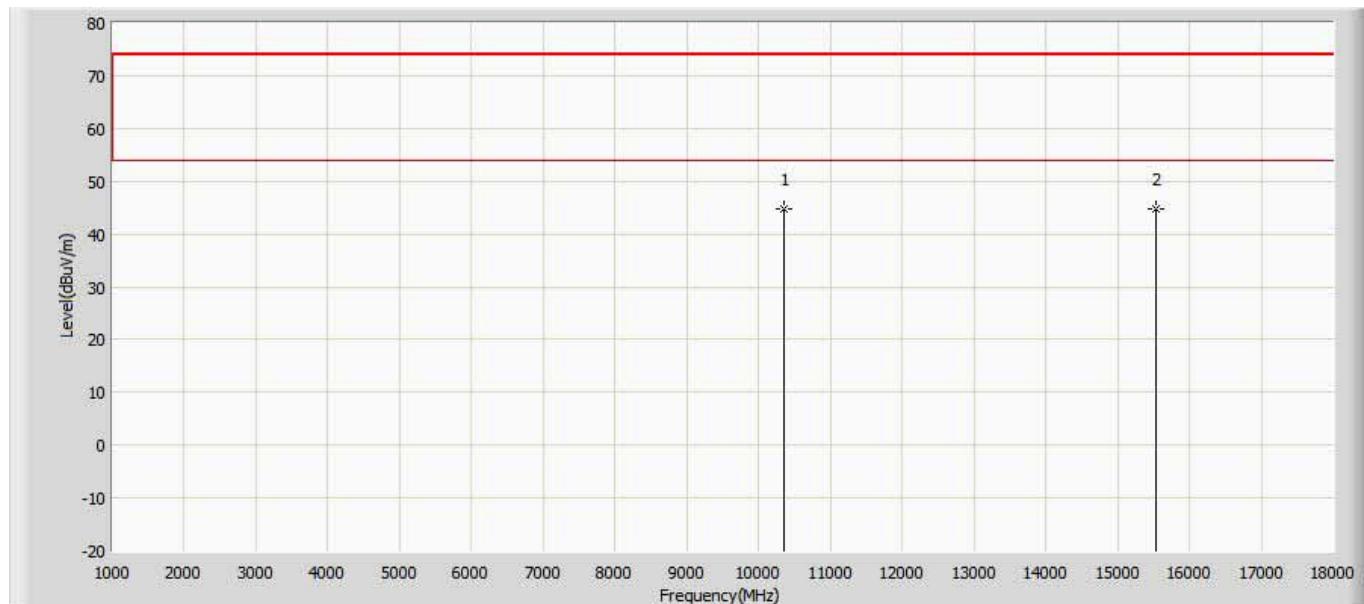
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	43.474	44.464	-30.526	74.000	-0.990	PK
2	*	17385.000	48.650	43.350	-25.350	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:04
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 14:Transmit at 5795MHz by 802.11n40	



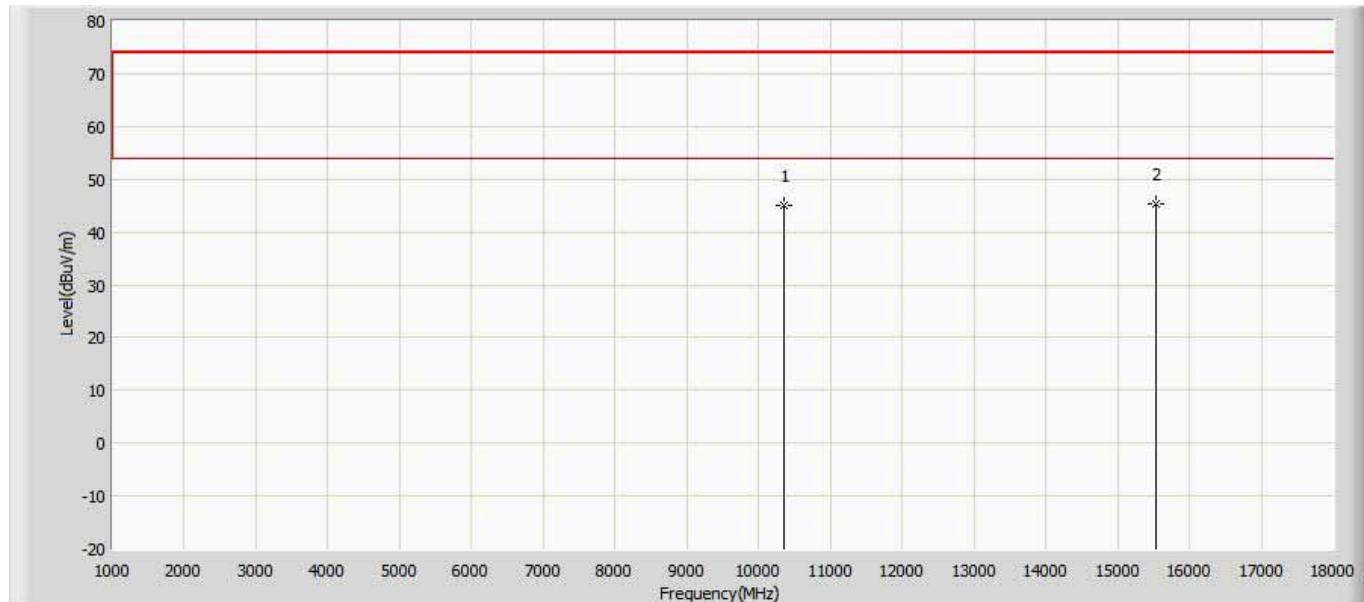
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	42.621	43.611	-31.379	74.000	-0.990	PK
2	*	17385.000	49.666	44.366	-24.334	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:05
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 15:Transmit at 5180MHz by 802.11ac20	



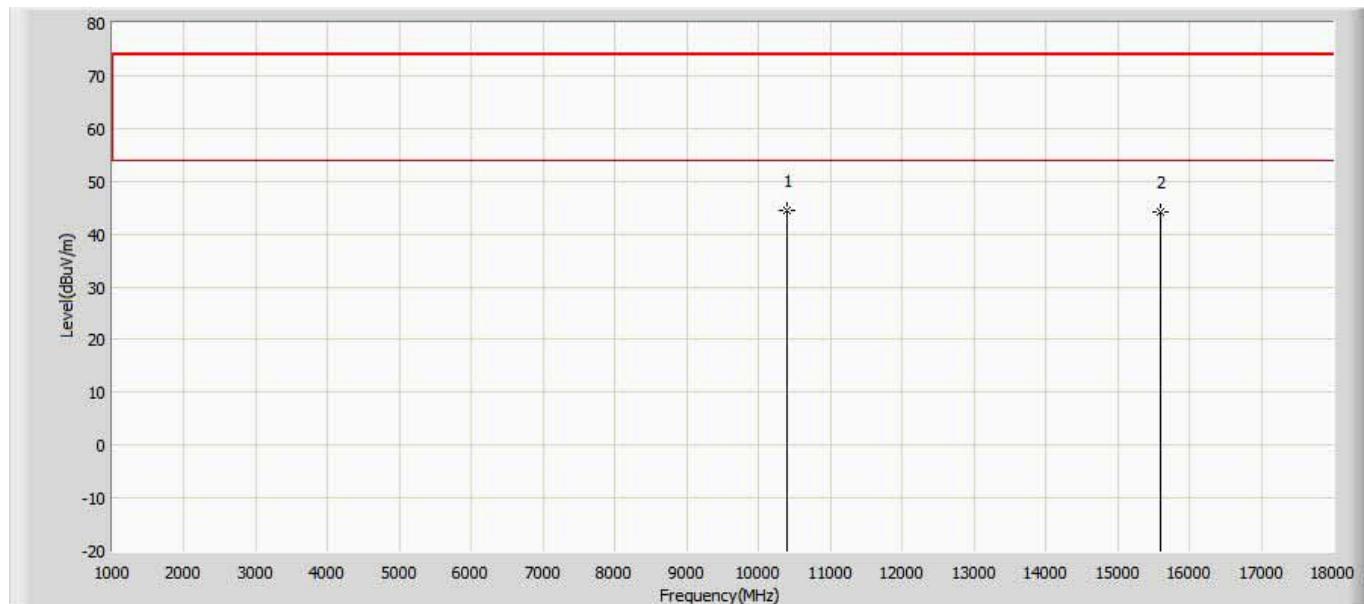
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	44.727	45.781	-29.273	74.000	-1.054	PK
2	*	15540.000	44.825	42.445	-29.175	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:05
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 15:Transmit at 5180MHz by 802.11ac20	



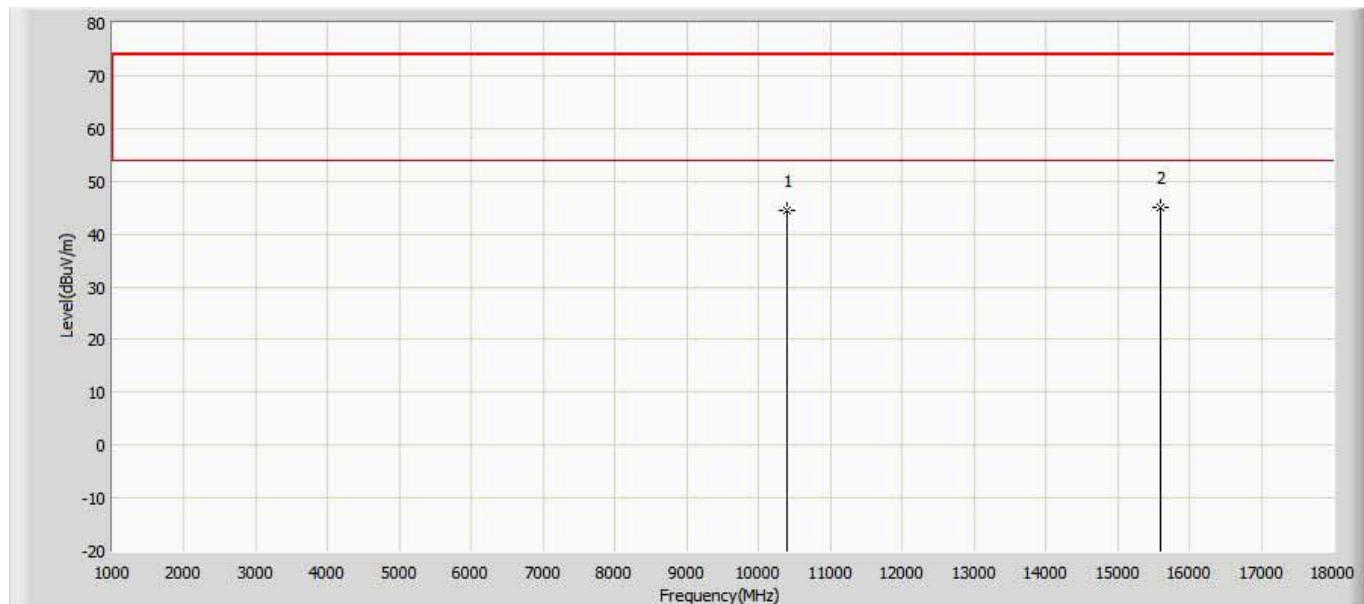
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10360.000	45.038	46.092	-28.962	74.000	-1.054	PK
2	*	15540.000	45.386	43.006	-28.614	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:05
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 15:Transmit at 5200MHz by 802.11ac20	



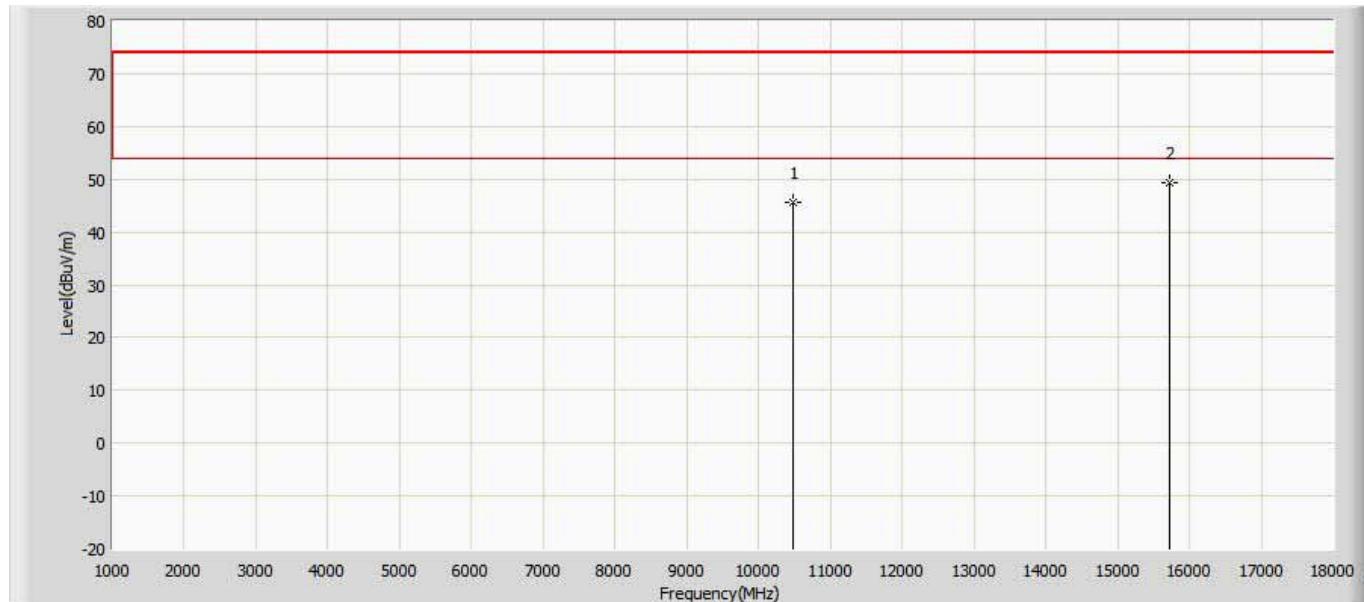
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	10400.000	44.335	44.755	-29.665	74.000	-0.420	PK
2		15600.000	44.062	41.682	-29.938	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:05
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 15:Transmit at 5200MHz by 802.11ac20	



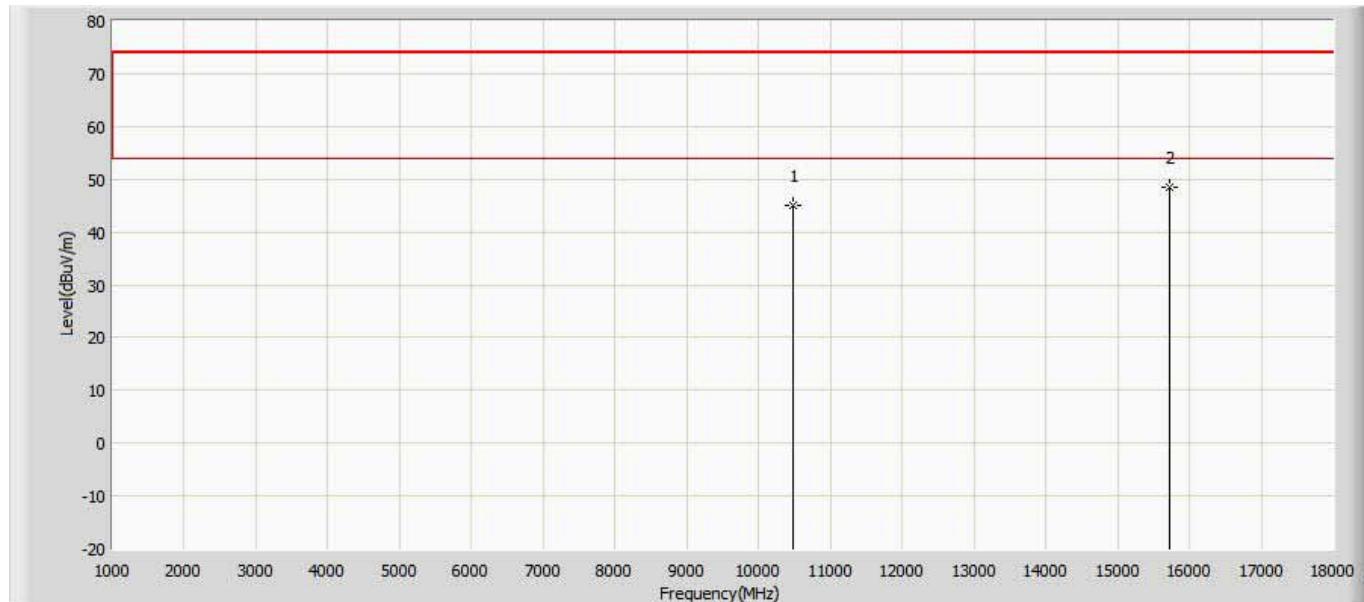
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10400.000	44.409	44.829	-29.591	74.000	-0.420	PK
2	*	15600.000	45.140	42.760	-28.860	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:05
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 15:Transmit at 5240MHz by 802.11ac20	



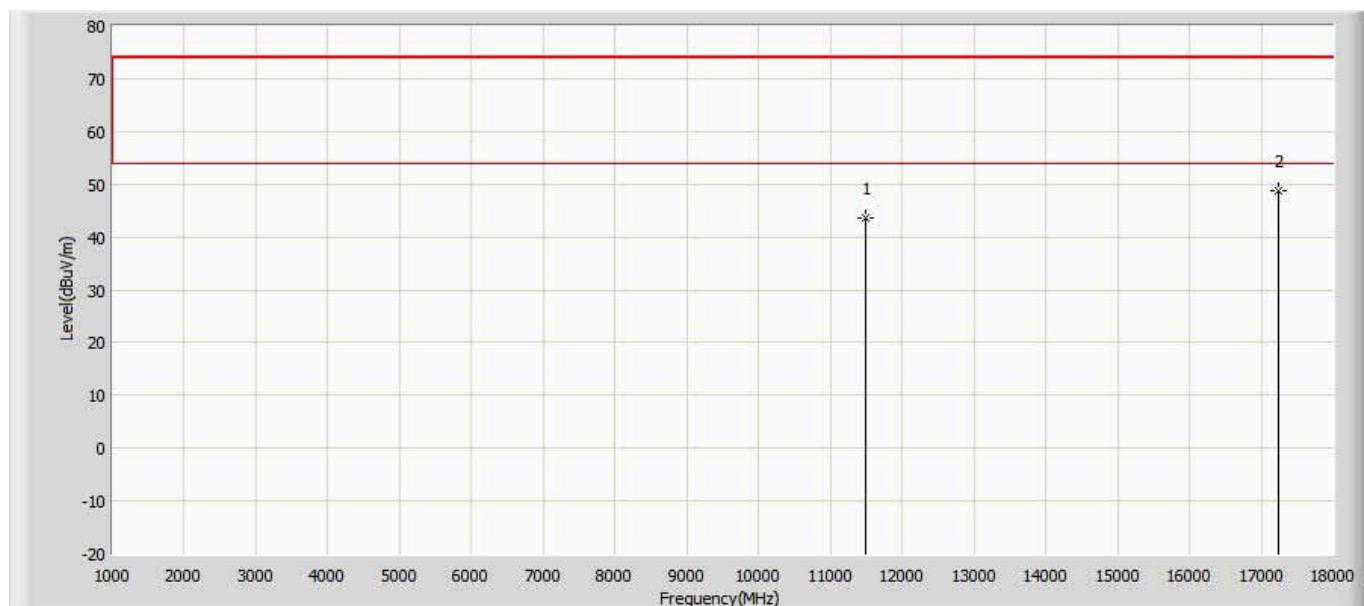
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	45.474	45.894	-28.526	74.000	-0.420	PK
2	*	15720.000	49.393	45.003	-24.607	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:05
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 15:Transmit at 5240MHz by 802.11ac20	



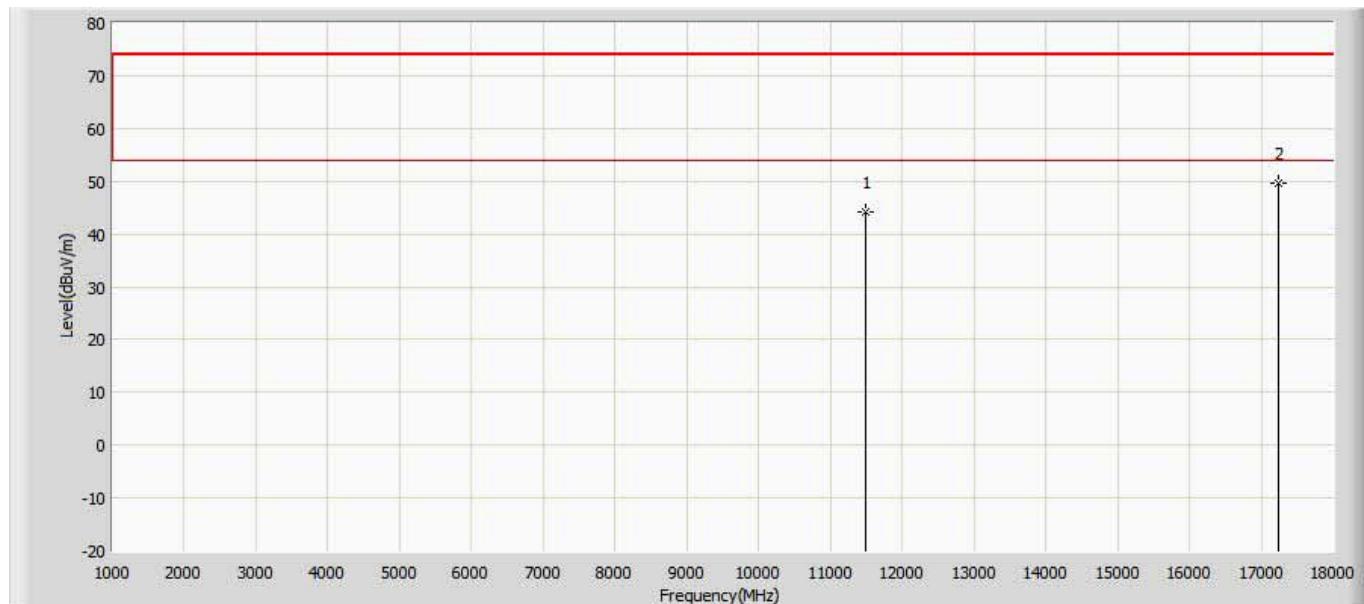
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10480.000	44.939	45.359	-29.061	74.000	-0.420	PK
2	*	15720.000	48.548	44.158	-25.452	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:12
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 15:Transmit at 5745MHz by 802.11ac20	



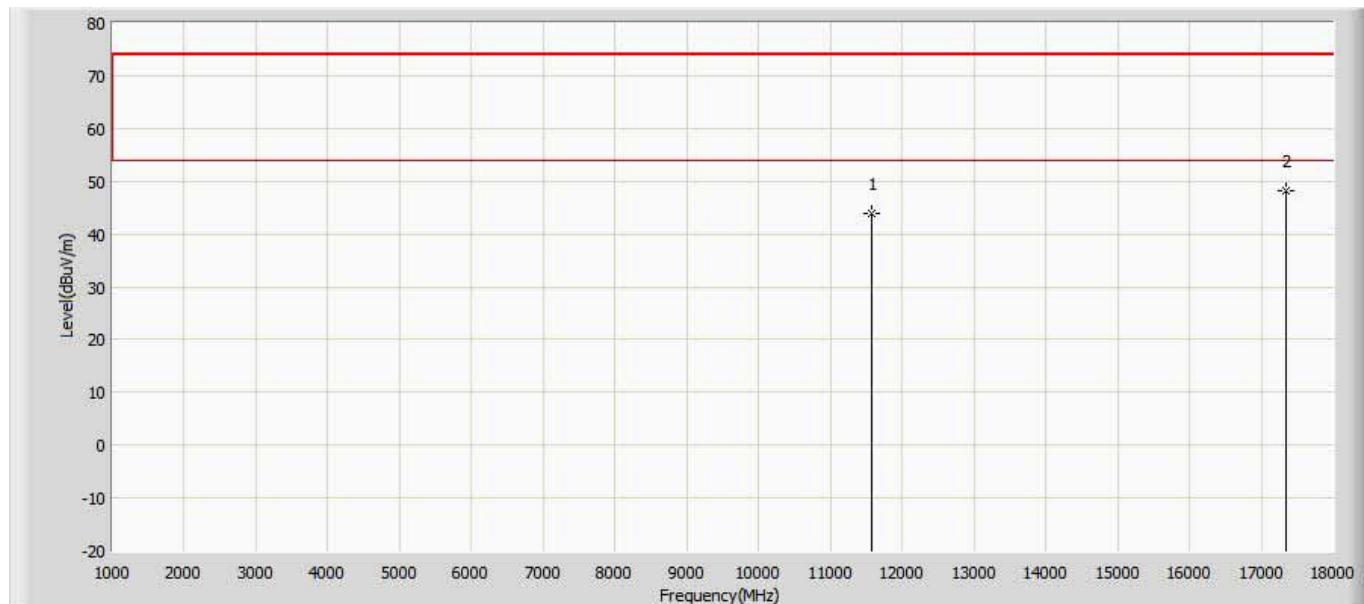
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	43.752	44.742	-30.248	74.000	-0.990	PK
2	*	17235.000	48.766	43.466	-25.234	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:12
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 15:Transmit at 5745MHz by 802.11ac20	



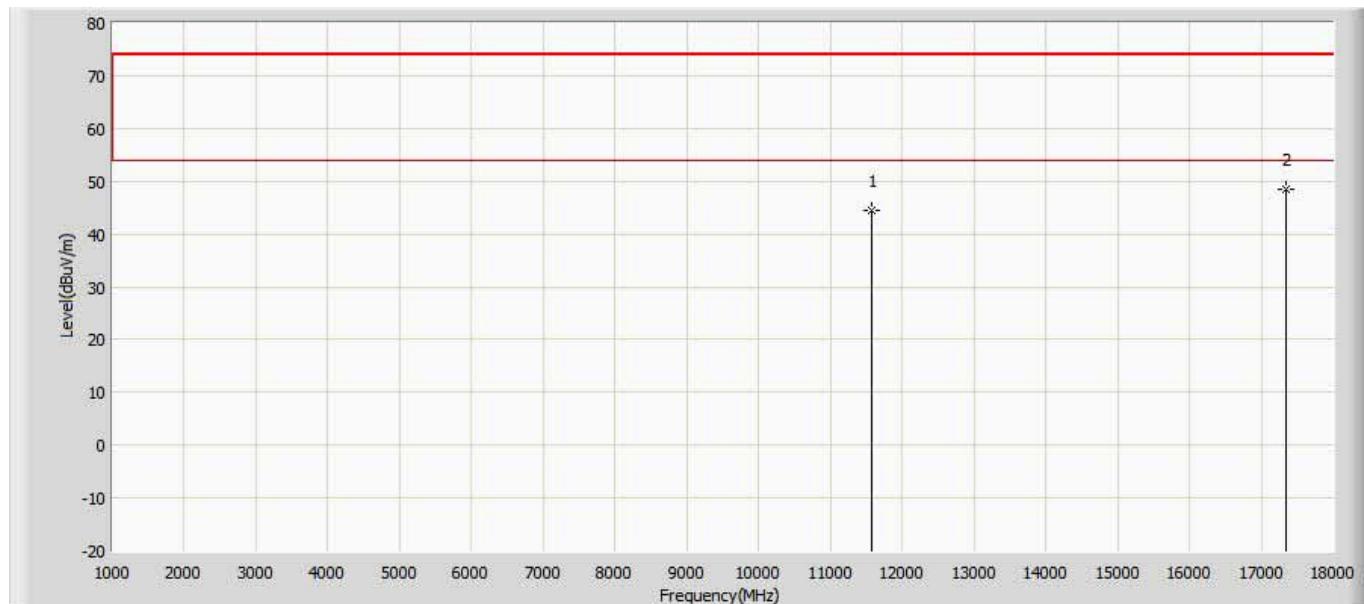
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11490.000	44.129	45.119	-29.871	74.000	-0.990	PK
2	*	17235.000	49.605	44.305	-24.395	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:12
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 15:Transmit at 5785MHz by 802.11ac20	



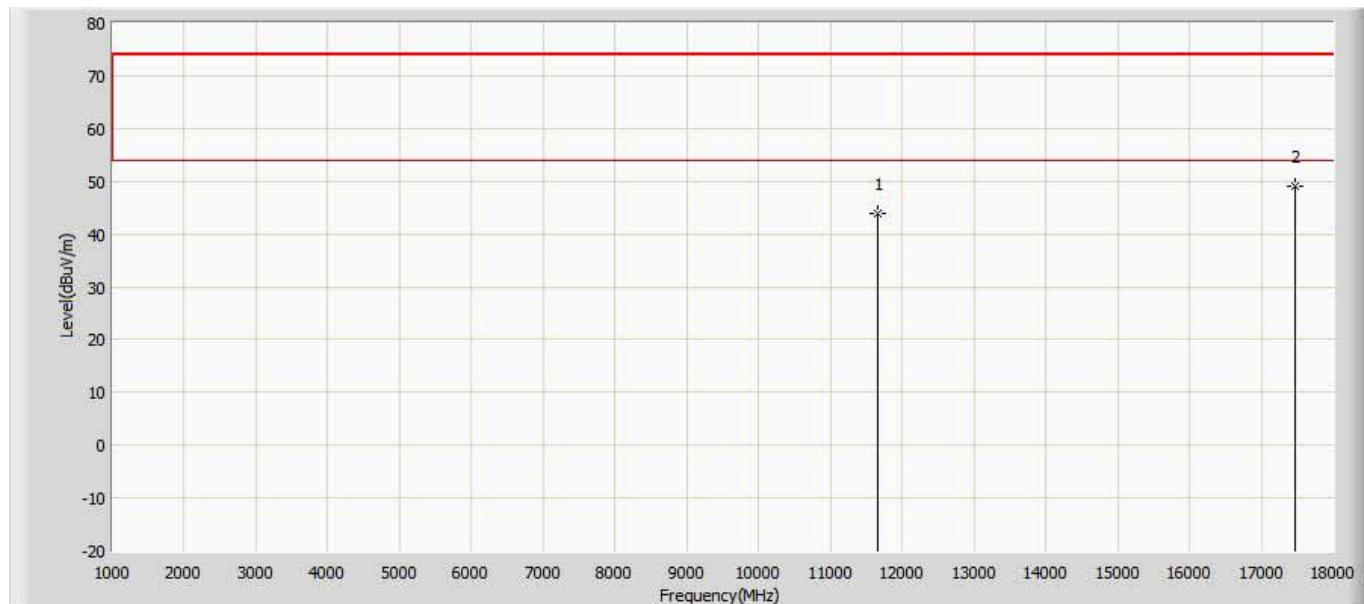
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	43.882	44.872	-30.118	74.000	-0.990	PK
2	*	17355.000	48.083	42.783	-25.917	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:13
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 15:Transmit at 5785MHz by 802.11ac20	



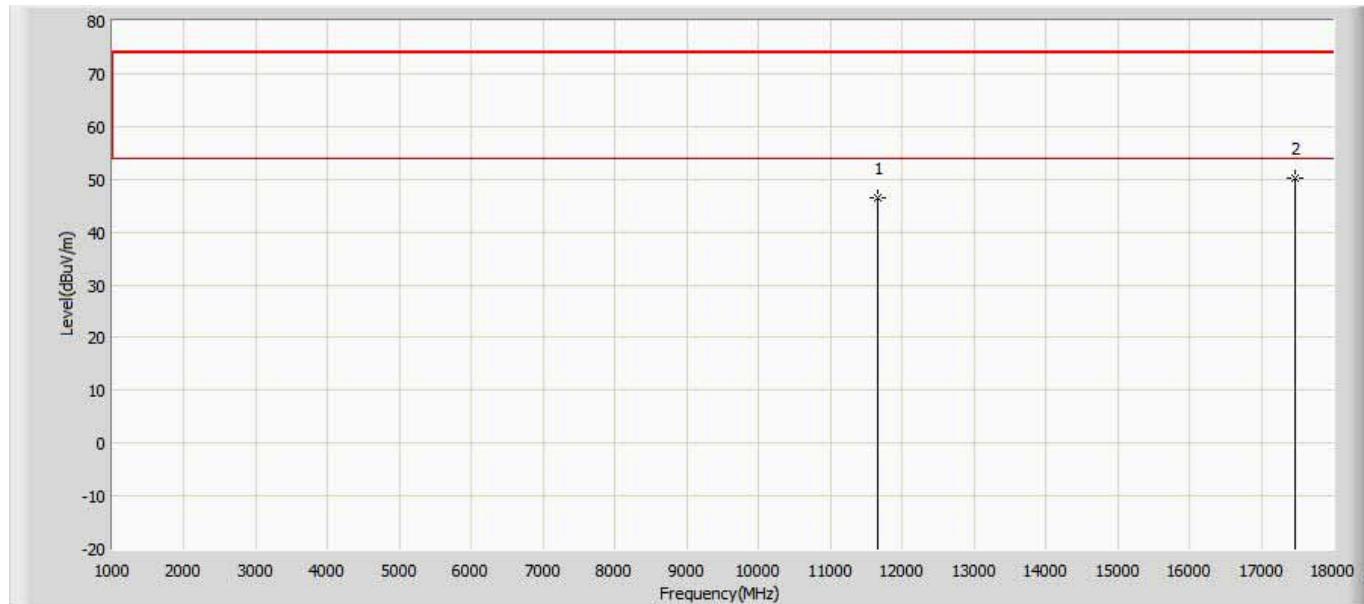
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11570.000	44.385	44.385	-29.615	74.000	-0.990	PK
2	*	17355.000	48.465	48.465	-25.535	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:13
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 15:Transmit at 5825MHz by 802.11ac20	



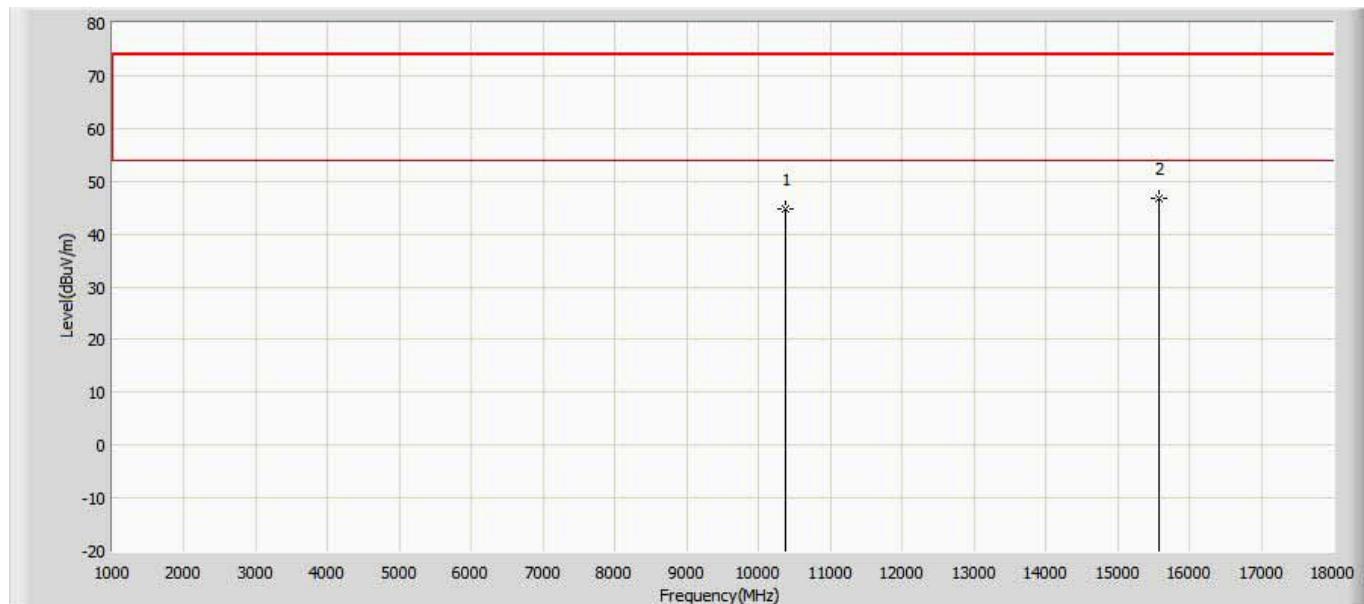
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	43.798	44.788	-30.202	74.000	-0.990	PK
2	*	17475.000	49.091	43.791	-24.909	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:14
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 15:Transmit at 5825MHz by 802.11ac20	



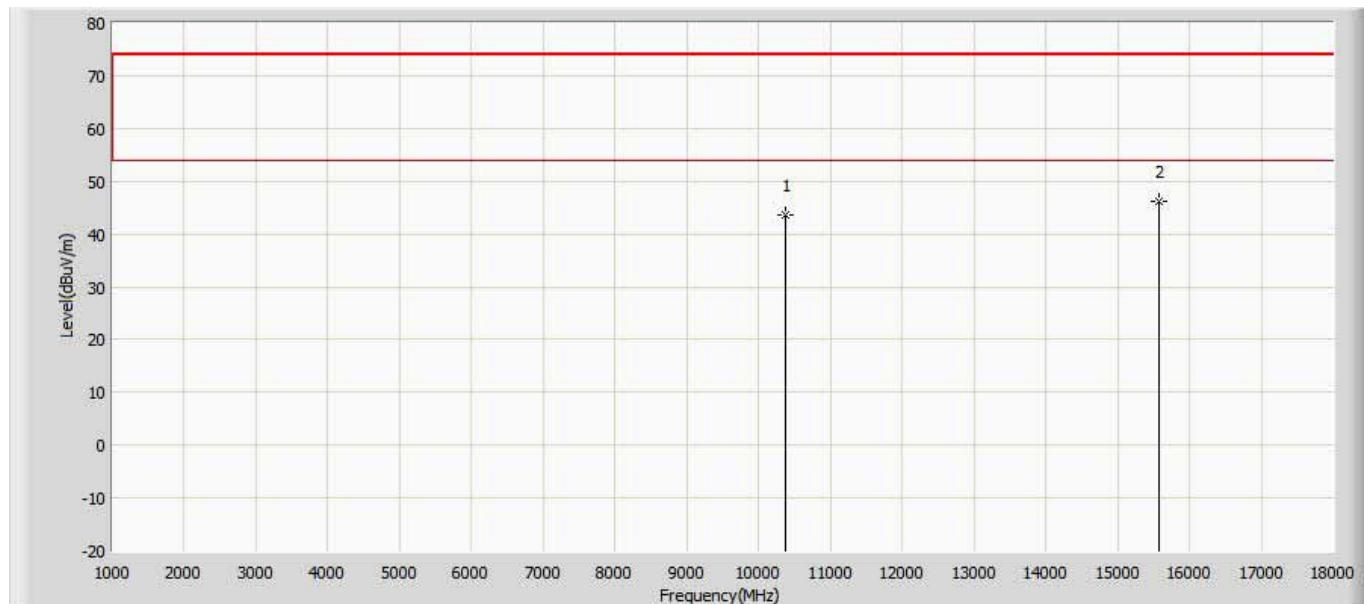
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.507	47.497	-27.493	74.000	-0.990	PK
2	*	17475.000	50.184	44.884	-23.816	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:14
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 16:Transmit at 5190MHz by 802.11ac40	



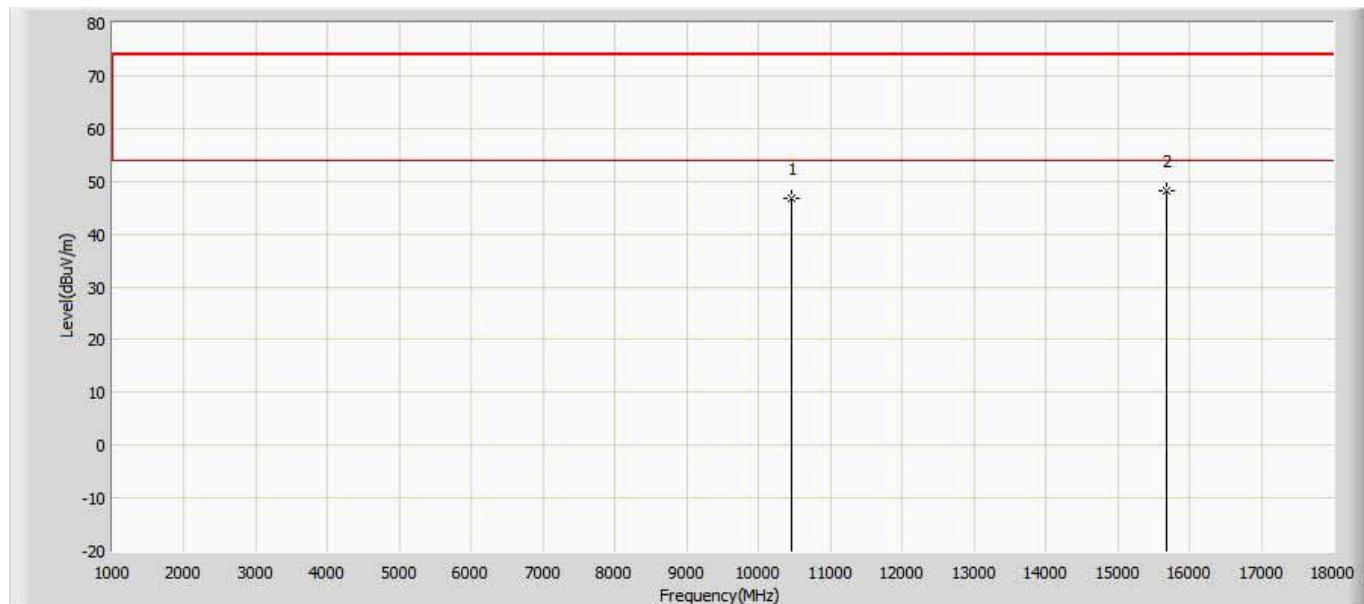
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	44.695	45.115	-29.305	74.000	-0.420	PK
2	*	15570.000	46.896	44.516	-27.104	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:14
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 16:Transmit at 5190MHz by 802.11ac40	



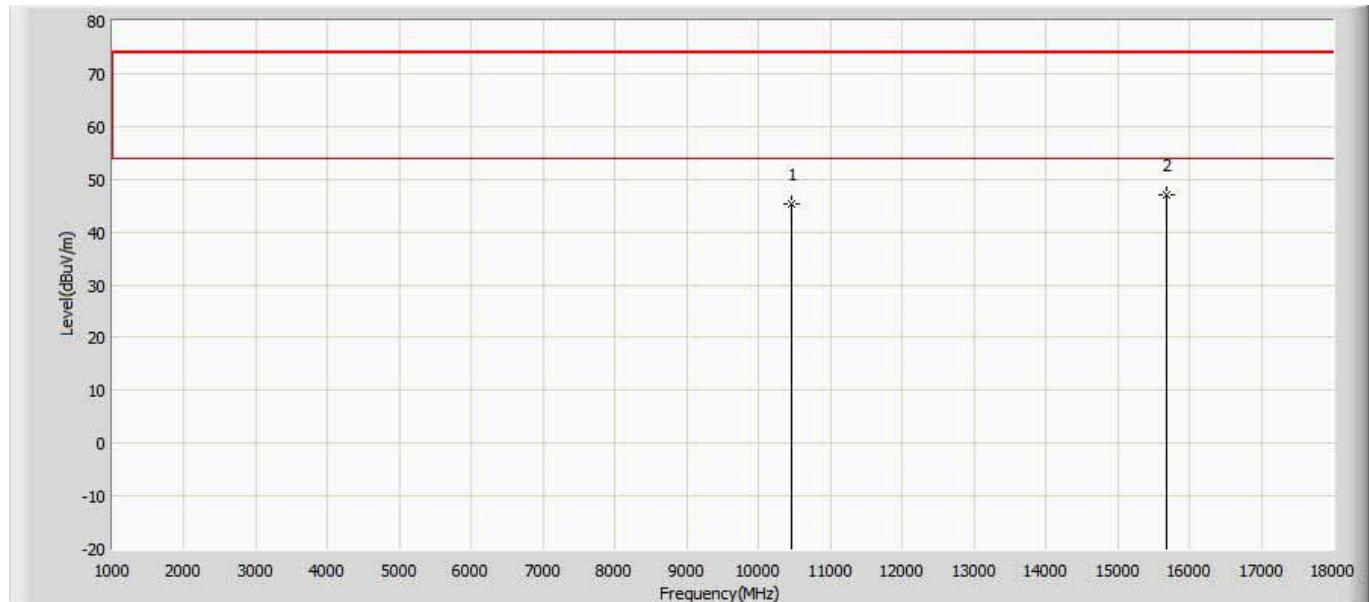
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	43.614	44.034	-30.386	74.000	-0.420	PK
2	*	15570.000	46.252	43.872	-27.748	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:15
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 16:Transmit at 5230MHz by 802.11ac40	



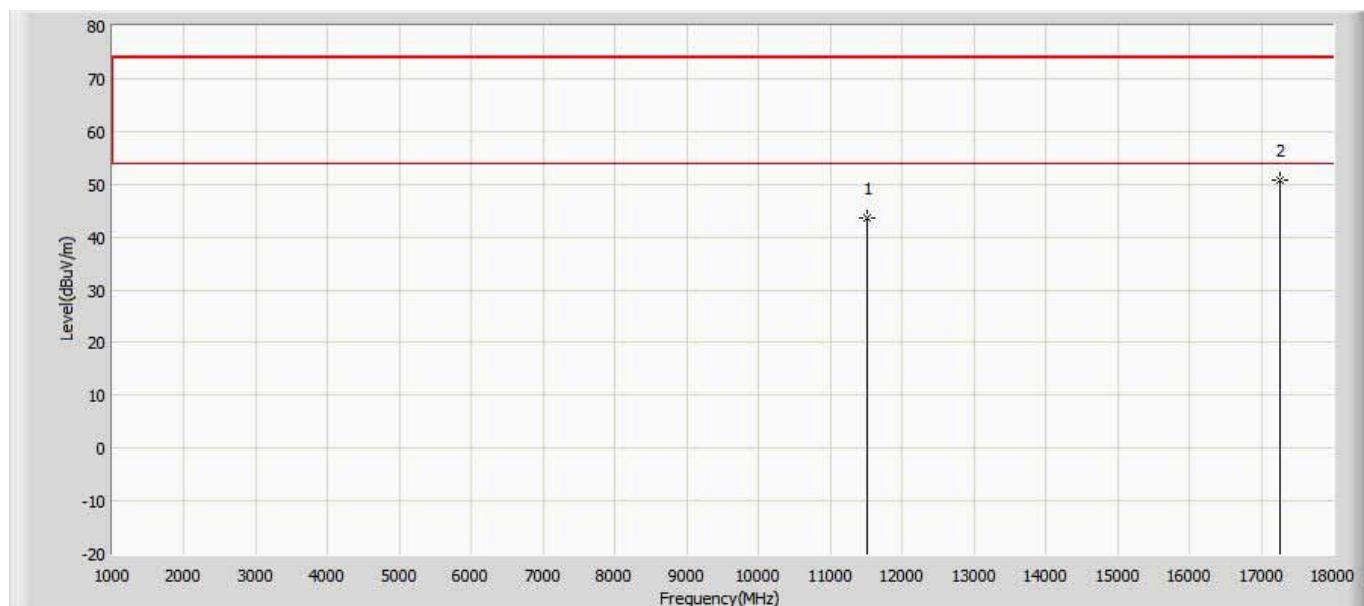
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	46.654	47.074	-27.346	74.000	-0.420	PK
2	*	15690.000	48.174	43.784	-25.826	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:15
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 16:Transmit at 5230MHz by 802.11ac40	



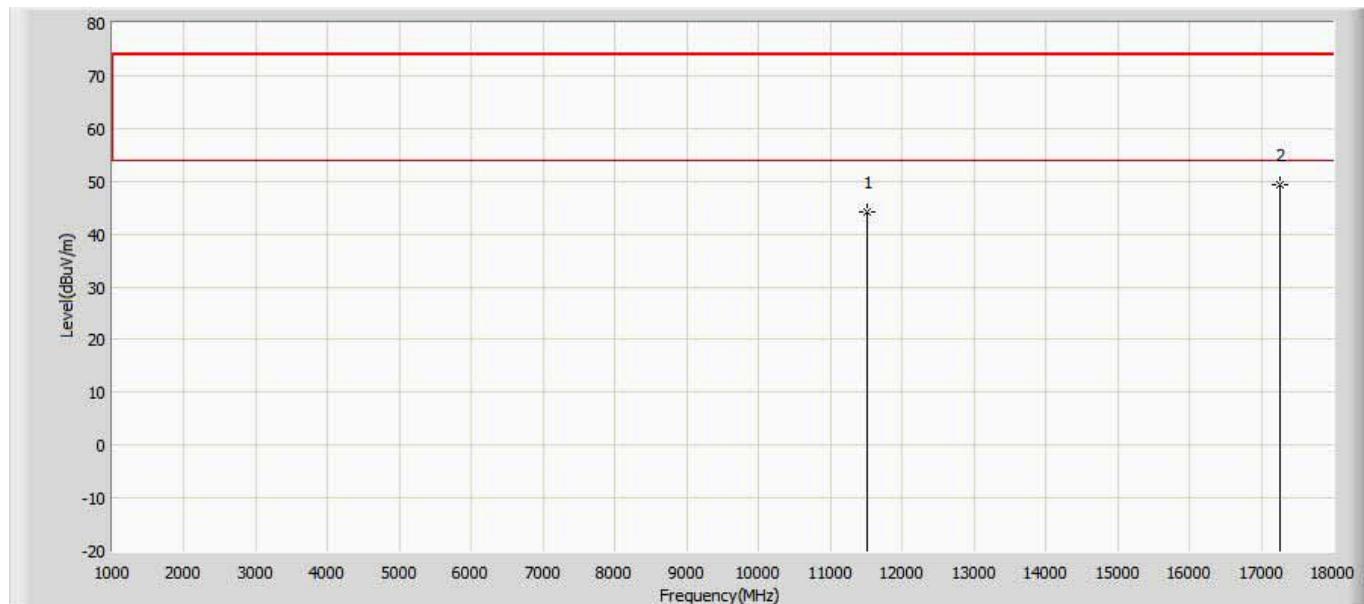
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	45.314	45.734	-28.686	74.000	-0.420	PK
2	*	15690.000	47.141	42.751	-26.859	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:17
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 16:Transmit at 5755MHz by 802.11ac40	



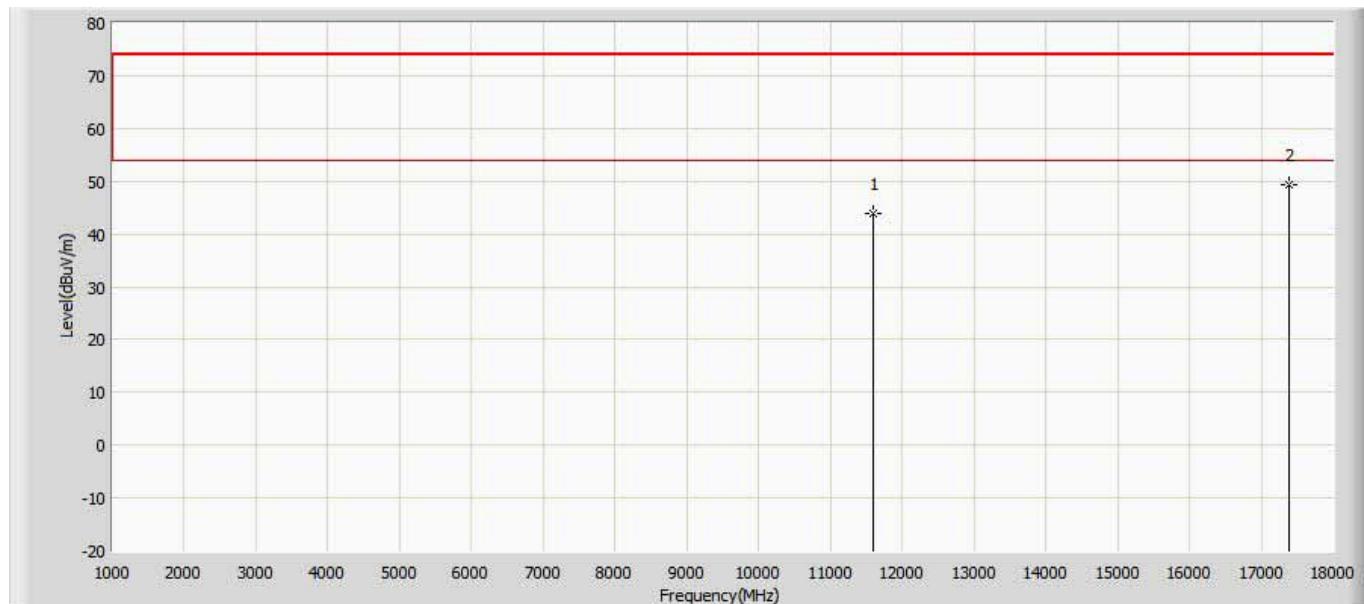
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	43.706	44.696	-30.294	74.000	-0.990	PK
2	*	17265.000	50.679	45.379	-23.321	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:17
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 16:Transmit at 5755MHz by 802.11ac40	



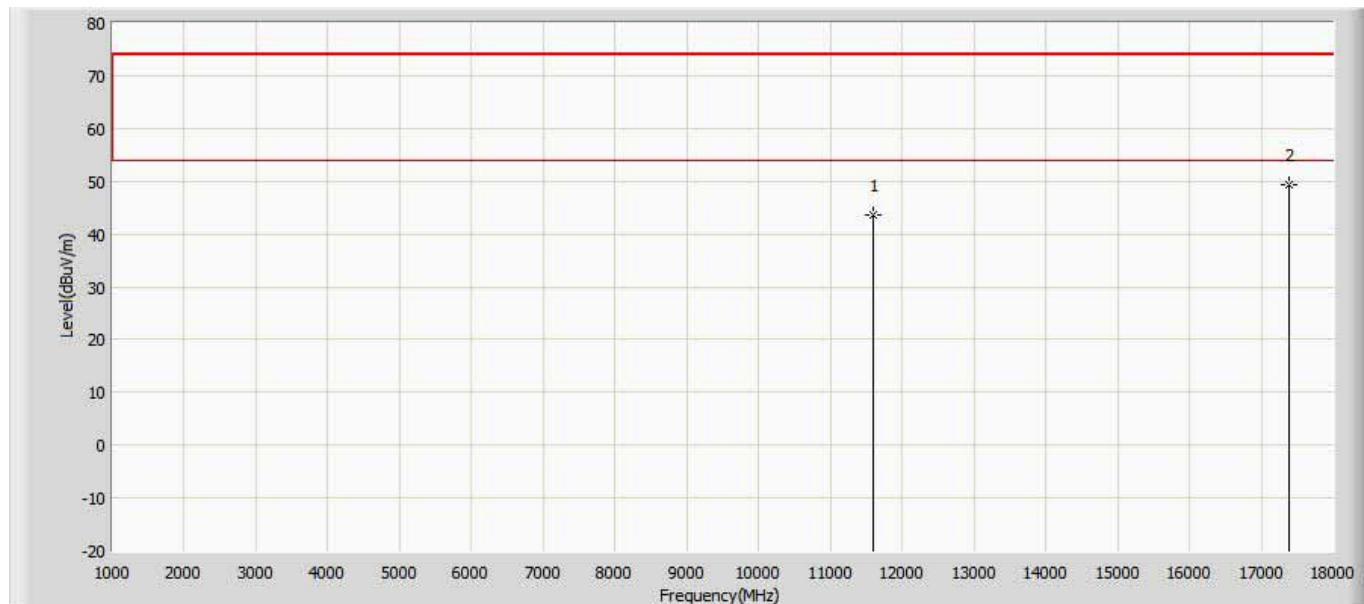
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.129	45.119	-29.871	74.000	-0.990	PK
2	*	17265.000	49.246	43.946	-24.754	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:17
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 16:Transmit at 5795MHz by 802.11ac40	



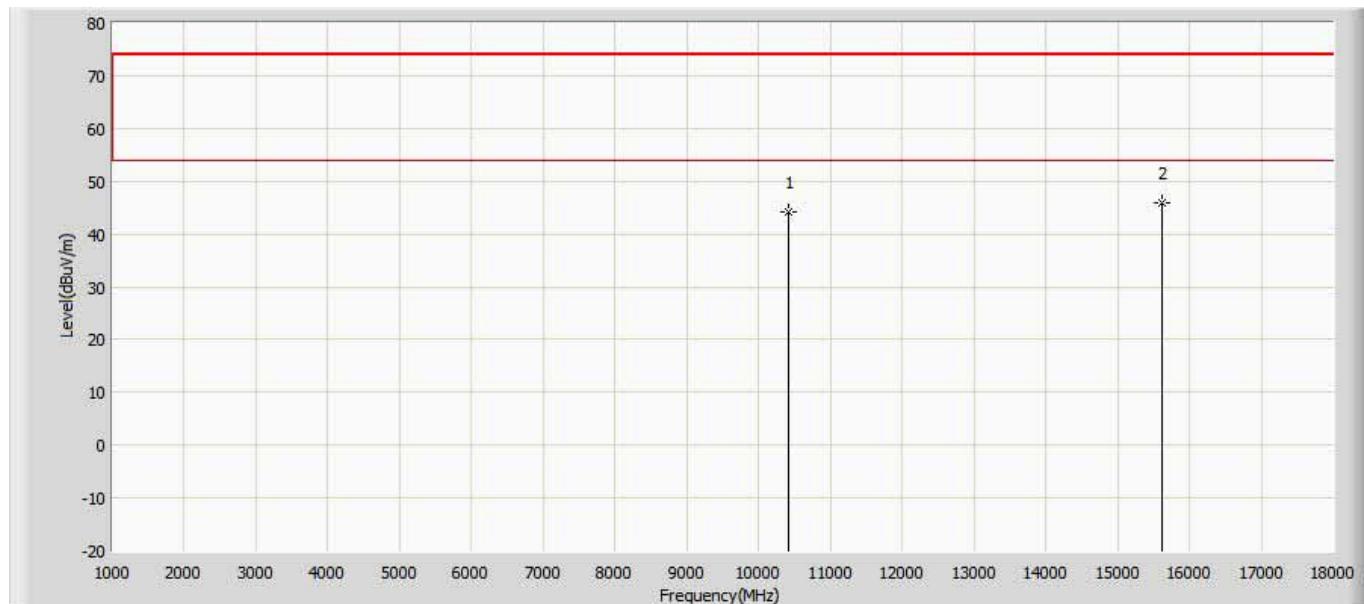
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.012	45.002	-29.988	74.000	-0.990	PK
2	*	17385.000	49.279	43.979	-24.721	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:17
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 16:Transmit at 5795MHz by 802.11ac40	



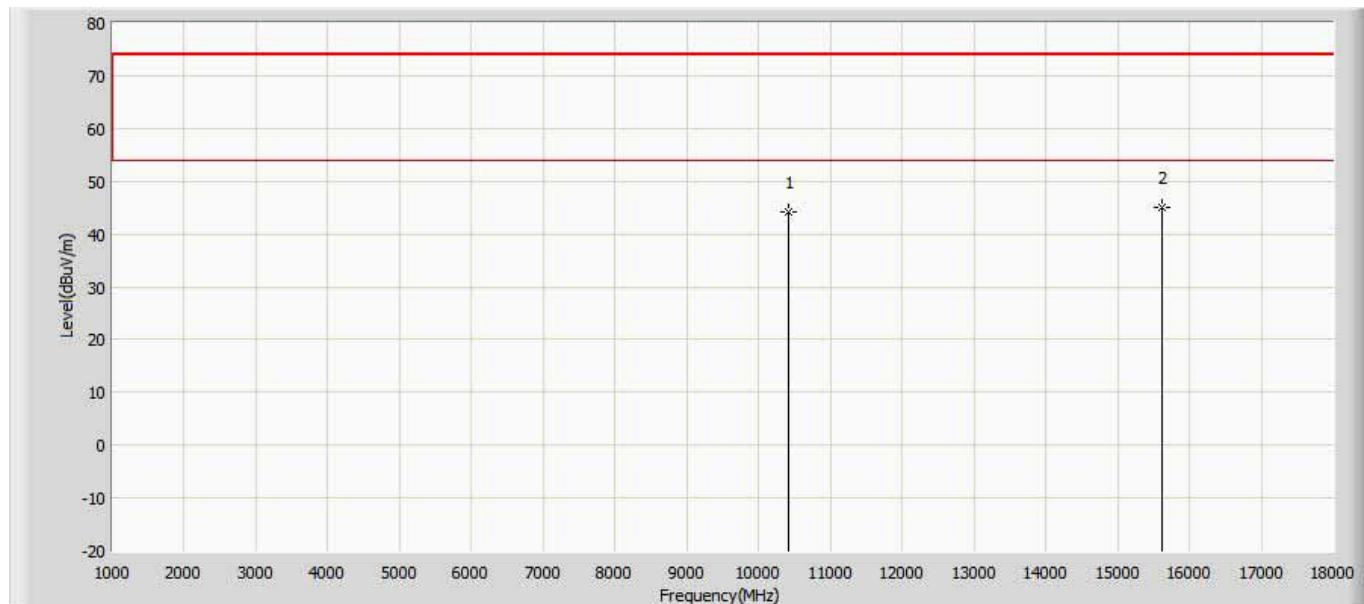
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	43.704	44.694	-30.296	74.000	-0.990	PK
2	*	17385.000	49.340	44.040	-24.660	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:18
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 17:Transmit at 5210MHz by 802.11ac80	



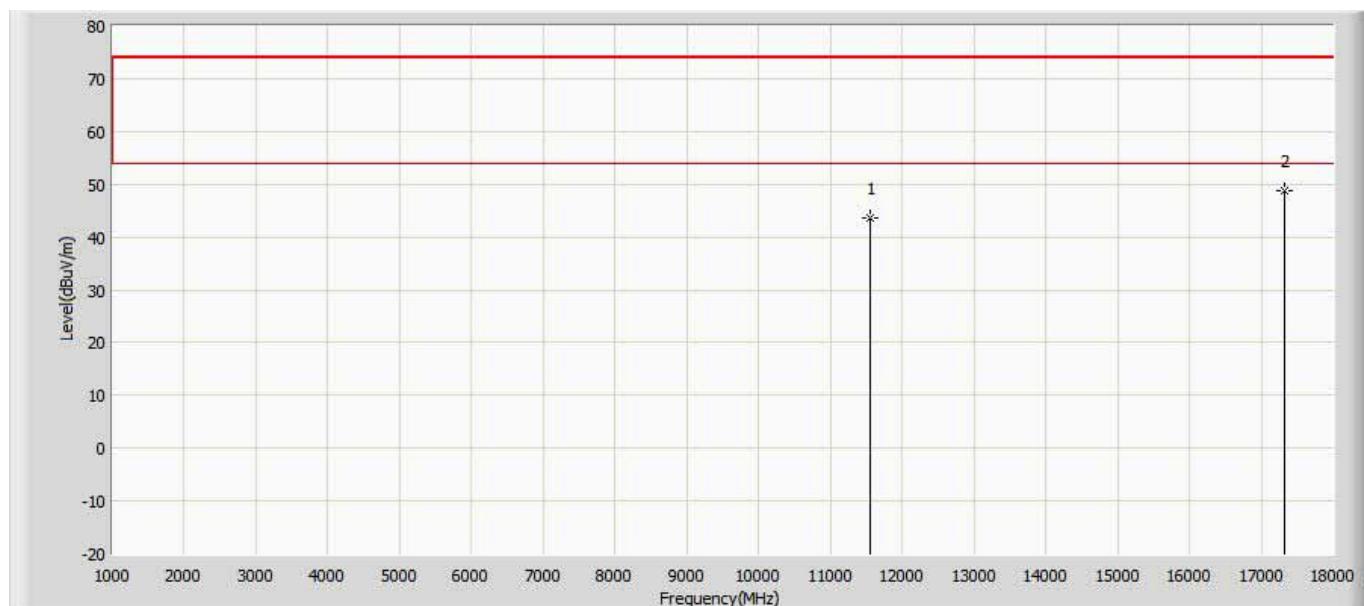
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	44.132	44.552	-29.868	74.000	-0.420	PK
2	*	15630.000	45.805	42.243	-28.195	74.000	3.562	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:18
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 17:Transmit at 5210MHz by 802.11ac80	



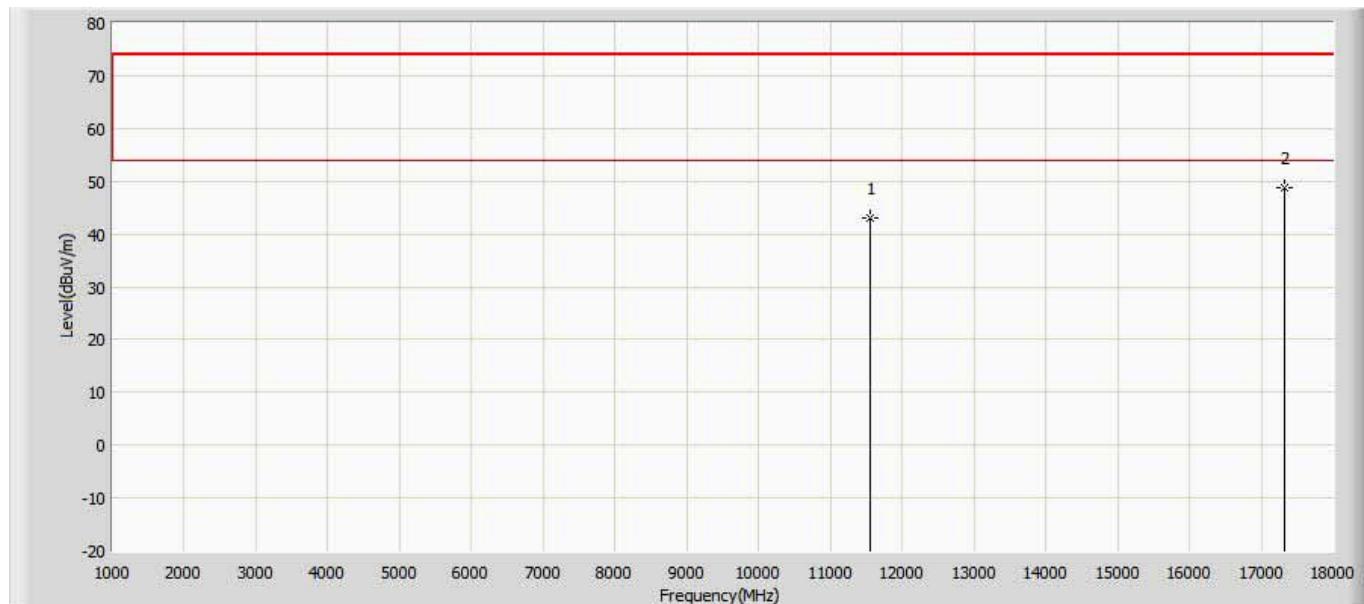
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	44.192	44.612	-29.808	74.000	-0.420	PK
2	*	15630.000	44.972	41.410	-29.028	74.000	3.562	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:18
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 17:Transmit at 5775MHz by 802.11ac80	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	43.581	44.571	-30.419	74.000	-0.990	PK
2	*	17325.000	48.710	43.410	-25.290	74.000	5.300	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:19
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 17:Transmit at 5775MHz by 802.11ac80	



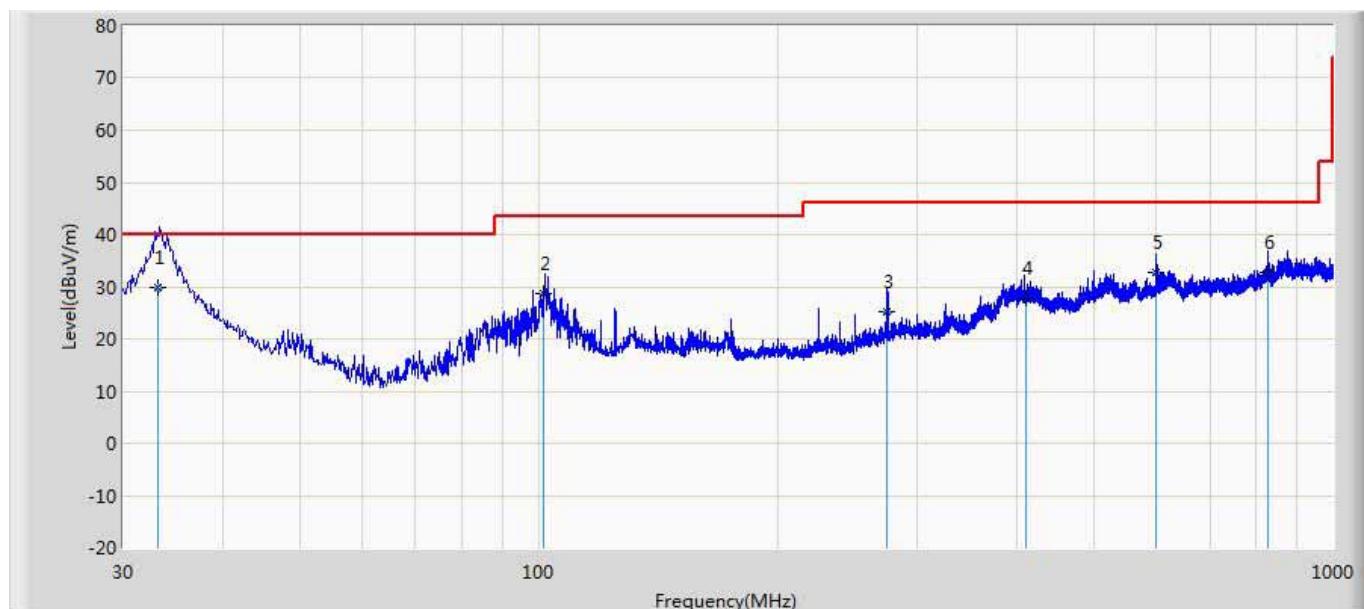
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	43.039	44.029	-30.961	74.000	-0.990	PK
2	*	17325.000	48.671	43.371	-25.329	74.000	5.300	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~40GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

The worst case of Radiated Emission below 1GHz:

Engineer: leiwan	
Site: AC2	Time: 2017/10/13 - 09:34
Limit: FCC_Part15.109_RE(3m)_ClassC	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Horizontal
EUT: Wireless Access point	Power: 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a ant 1	

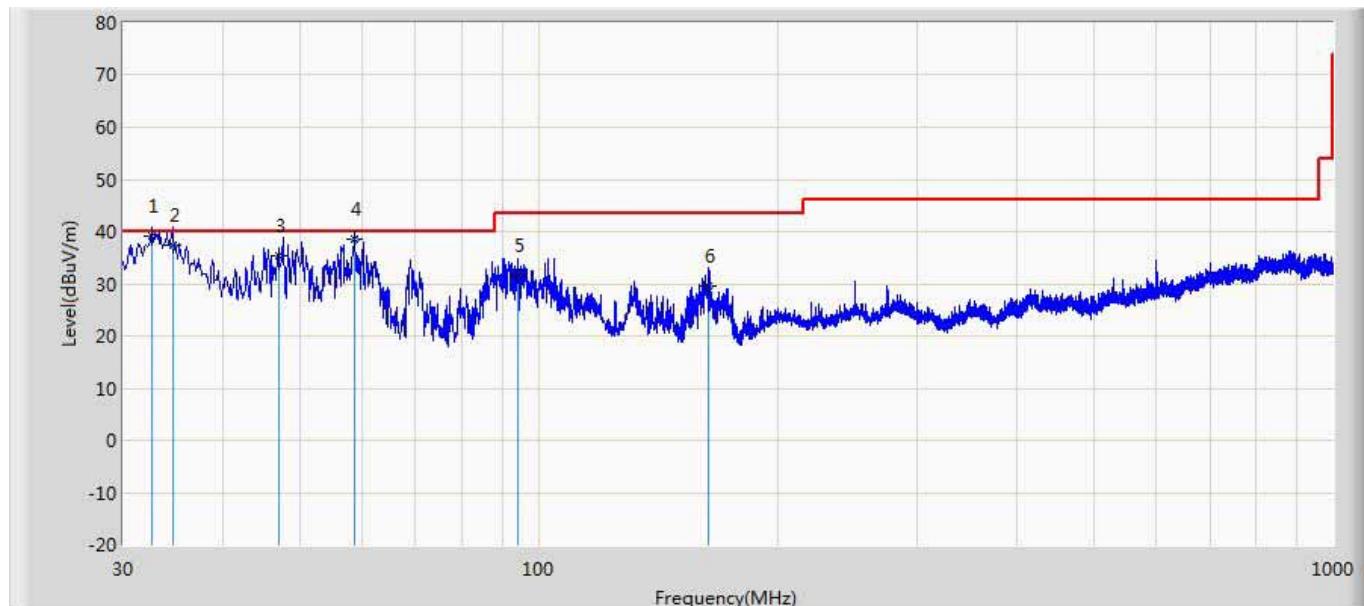


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Prob e (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	33.131	29.967	2.600	-10.033	40.000	20.71 5	6.652	0.000	200	331	QP
2		101.336	28.734	11.548	-14.766	43.500	10.30 2	6.883	0.000	200	15	QP
3		274.266	25.324	6.009	-20.676	46.000	11.72 0	7.595	0.000	100	332	QP
4		409.979	27.728	2.005	-18.272	46.000	17.76 5	7.959	0.000	100	115	QP
5		599.336	32.683	3.654	-13.317	46.000	20.52 5	8.505	0.000	200	154	QP
6		827.546	32.764	1.005	-13.236	46.000	22.68 4	9.076	0.000	200	114	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp).

Engineer: leiwan	
Site: AC2	Time: 2017/10/13 - 09:37
Limit: FCC_Part15.109_RE(3m)_ClassC	Margin: 0
Probe: AC2_3M(30-1000M)	Polarity: Vertical
EUT: Wireless Access point	Power: 120V/60Hz
Note: Mode 1:Transmit at 5180MHz by 802.11a ant 1	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Prob e (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	32.595	39.089	15.600	-0.911	40.000	16.843	6.647	0.000	100	0	QP
2		34.645	37.408	14.400	-2.592	40.000	16.340	6.668	0.000	100	4	QP
3		47.125	35.255	16.597	-4.745	40.000	12.081	6.577	0.000	200	47	QP
4		58.711	38.433	21.800	-1.567	40.000	9.937	6.696	0.000	100	10	QP
5		94.294	31.537	12.002	-11.963	43.500	12.734	6.800	0.000	100	325	QP
6		163.468	29.573	10.154	-13.927	43.500	12.160	7.259	0.000	100	115	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average

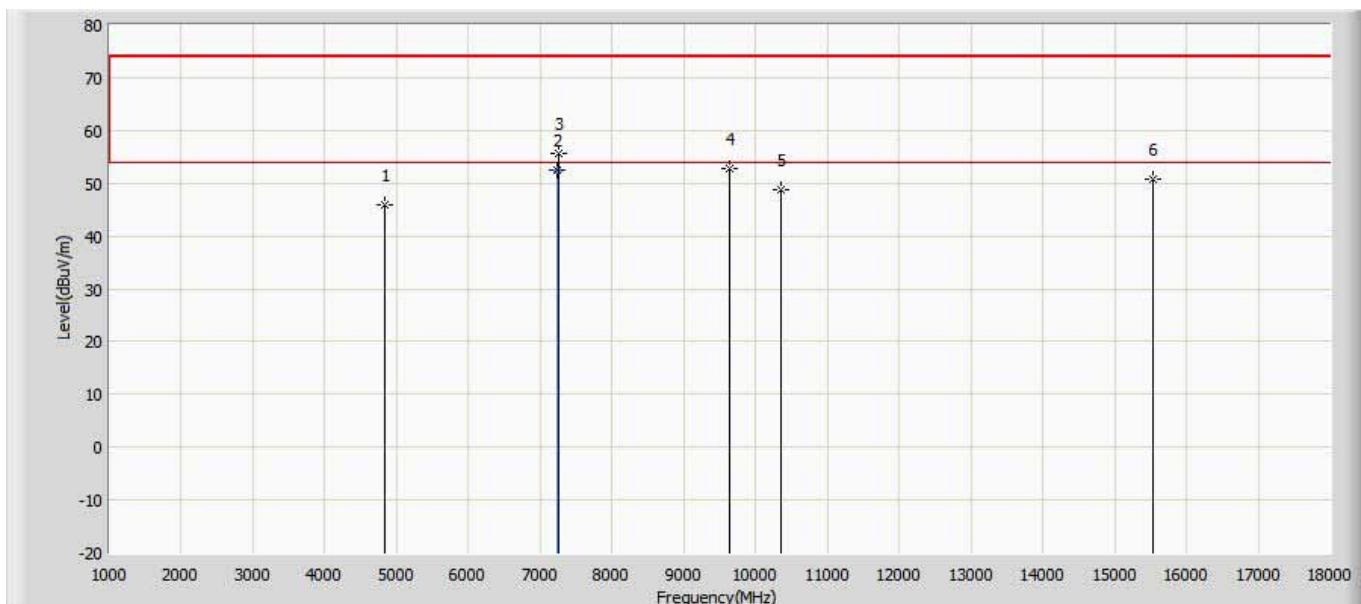
measurements as necessary.

2. " * ", means this data is the worst emission level.

3. Measurement Level = Reading Level + Factor(Probe+Cable+Amp).

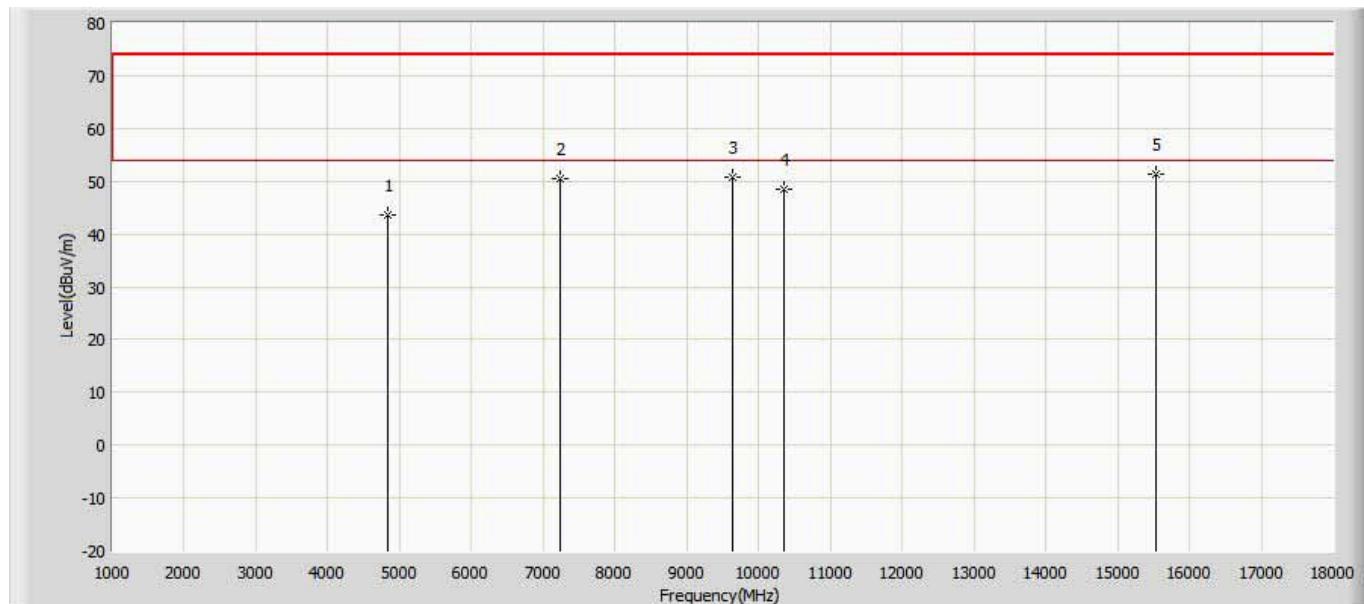
The worst case of Simultaneous Radiated Emission:

Engineer: Simon	
Site: AC5	Time: 2017/11/27 - 10:30
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 2:Transmit at 2412MHz by 802.11g & 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	45.851	58.861	-28.149	74.000	-13.010	PK
2	*	7236.000	52.439	60.149	-1.561	54.000	-7.710	AV
3		7247.500	55.785	63.495	-18.215	74.000	-7.710	PK
4		9644.500	52.649	54.239	-21.351	74.000	-1.590	PK
5		10358.500	48.639	49.829	-25.361	74.000	-1.190	PK
6		15543.500	50.874	48.494	-23.126	74.000	2.380	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/27 - 10:30
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 2412MHz by 802.11g & 5180MHz by 802.11a	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		4825.000	43.610	56.620	-30.390	74.000	-13.010	PK
2		7230.500	50.573	58.283	-23.427	74.000	-7.710	PK
3		9644.500	50.639	52.229	-23.361	74.000	-1.590	PK
4		10358.500	48.619	49.809	-25.381	74.000	-1.190	PK
5	*	15543.500	51.466	49.086	-22.534	74.000	2.380	PK

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~26GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
4. As the radiated emission was performed, so conducted emission was not tested.

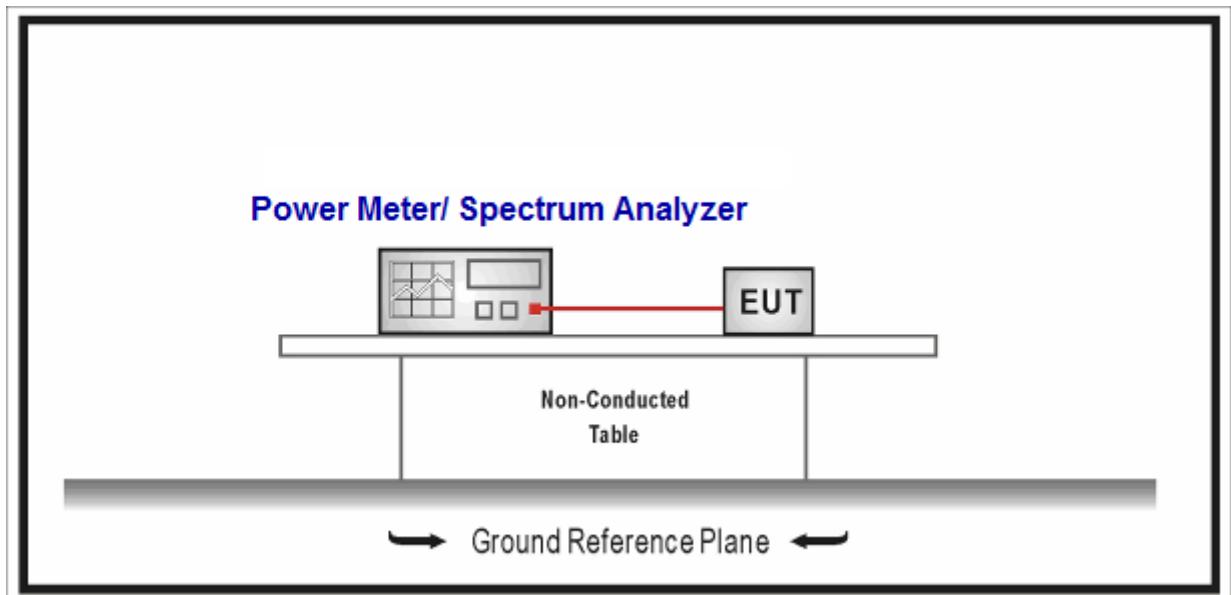
5. Power Output

5.1. Test Equipment

Power Output / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2017.01.04	2018.01.03
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
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	2017.04.10	2018.04.09

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

5.2. Test Setup



5.3. Limit

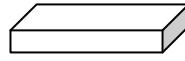
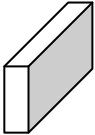
Fundamental emission output power Limit	
<input checked="" type="checkbox"/>	For the band 5.15-5.25 GHz
	<input type="checkbox"/> Outdoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 6dBi, then $P_{out} = 30 - (G_{TX} - 6)$ and 125mW at any angle above 30 degrees
	<input type="checkbox"/> Indoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 6dBi, then $P_{out} = 30 - (G_{TX} - 6)$
	<input type="checkbox"/> Fixed point-to-point access points: the maximum conducted output power shall not exceed 1 W. If $G_{TX} > 23$ dBi, then $P_{out} = 30 - (G_{TX} - 23)$
	<input checked="" type="checkbox"/> Mobile and portable client devices: the maximum conducted output power shall not exceed 250mW. If $G_{TX} > 6$ dBi, then $P_{out} = 24 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the band 5.25-5.35 GHz:
	<input type="checkbox"/> The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, <input checked="" type="checkbox"/> where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{out} = (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz:
	<input type="checkbox"/> The maximum conducted output power shall not exceed 250mW or $11\text{dBm} + 10 \log B$, <input checked="" type="checkbox"/> where B is the 26dB emission bandwidth in MHz. If $G_{TX} > 6$ dBi, then $P_{out} = (\text{The lesser of } 24 \text{ or } 11\text{dBm} + 10 \log B) - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the band 5.725-5.85 GHz:
	<input checked="" type="checkbox"/> 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 $P_{out} = 30 - (G_{TX} - 6)$
	<input type="checkbox"/> 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 .	

5.4. Test Procedure

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

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

5.5. EUT test Axis definition

Item	Power Output		
Device Category	<input type="checkbox"/> Indoor use		
	<input type="checkbox"/> Outdoor use		
	<input type="checkbox"/> Fix position use		
	<input checked="" type="checkbox"/> Client use		
Test mode	Mode 1-17		
Test method	<input type="checkbox"/> Radiated		
		X Axis	Y Axis
			
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/> Conducted		
	<input type="checkbox"/> Chain 1		
			
	<input checked="" type="checkbox"/> Chain 1	Chain 2	
			
	<input type="checkbox"/> Chain 1	Chain 2	Chain 3
			

5.6. Test Result

Product Name	: Wireless Access point	Power	: AC 120V/60Hz
Test Mode	: Mode 1~17	Test Site	: TR8
Test Date	: 2017.11.20	Test Engineer	: Simon

Mode 1: Transmit by 802.11a with SISO

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH36	5180	15.67	15.57	24.0	Pass
CH44	5200	15.57	15.54	24.0	Pass
CH48	5240	15.52	15.47	24.0	Pass
CH149	5745	17.46	18.04	30.0	Pass
CH157	5785	16.92	18.26	30.0	Pass
CH165	5825	16.91	17.89	30.0	Pass

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

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH36	5180	15.16	14.82	24.0	Pass
CH44	5200	15.04	14.91	24.0	Pass
CH48	5240	14.99	14.74	24.0	Pass
CH149	5745	18.06	18.03	30.0	Pass
CH157	5785	17.31	18.12	30.0	Pass
CH165	5825	17.34	17.89	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH38	5190	14.03	12.87	24.0	Pass
CH46	5230	13.98	12.73	24.0	Pass
CH151	5755	17.72	18.14	30.0	Pass
CH159	5795	17.21	18.07	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH36	5180	15.72	15.37	24.0	Pass
CH44	5200	15.68	15.21	24.0	Pass
CH48	5240	15.59	15.34	24.0	Pass
CH149	5745	18.36	18.22	30.0	Pass
CH157	5785	17.64	18.34	30.0	Pass
CH165	5825	17.61	17.77	30.0	Pass

Mode 5: Transmit by 802.11ac(40MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH38	5190	14.01	12.83	24.0	Pass
CH46	5230	13.83	12.67	24.0	Pass
CH151	5755	17.62	18.76	30.0	Pass
CH159	5795	17.21	18.47	30.0	Pass

Mode 6: Transmit by 802.11ac(80MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power (dBm)		Limit (dBm)	Result
		Ant1	Ant2		
CH42	5210	13.73	12.45	24.0	Pass
CH155	5775	13.51	14.01	30.0	Pass

Mode 7: Transmit by 802.11a with CDD

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	14.51	14.64	17.59	24.0	Pass
CH44	5200	14.47	14.62	17.56	24.0	Pass
CH48	5240	14.62	14.78	17.71	24.0	Pass
CH149	5745	17.77	17.82	20.81	30.0	Pass
CH157	5785	17.02	17.23	20.14	30.0	Pass
CH165	5825	16.72	16.88	19.81	30.0	Pass

Mode 8: Transmit by 802.11n(20MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	14.57	14.75	17.67	24.0	Pass
CH44	5200	14.54	14.59	17.58	24.0	Pass
CH48	5240	14.55	14.61	17.59	24.0	Pass
CH149	5745	18.32	18.53	21.44	30.0	Pass
CH157	5785	17.36	17.68	20.53	30.0	Pass
CH165	5825	17.16	17.28	20.23	30.0	Pass

Mode 9: Transmit by 802.11n(40MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	12.45	12.66	15.57	24.0	Pass
CH46	5230	12.51	12.59	15.56	24.0	Pass
CH151	5755	17.42	17.63	20.54	30.0	Pass
CH159	5795	16.56	16.76	19.67	30.0	Pass

Mode 10: Transmit by 802.11ac(20MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	15.32	15.42	18.38	24.0	Pass
CH44	5200	15.11	15.45	18.29	24.0	Pass
CH48	5240	14.98	15.02	18.01	24.0	Pass
CH149	5745	17.74	17.82	20.79	30.0	Pass
CH157	5785	16.72	16.88	19.81	30.0	Pass
CH165	5825	17.01	17.26	20.15	30.0	Pass

Mode 11: Transmit by 802.11ac(40MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	12.63	12.89	15.77	24.0	Pass
CH46	5230	12.37	12.54	15.47	24.0	Pass
CH151	5755	17.17	17.54	20.37	30.0	Pass
CH159	5795	16.79	17.02	19.92	30.0	Pass

Mode 12: Transmit by 802.11ac(80MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH42	5210	12.04	12.12	15.09	24.0	Pass
CH155	5775	13.11	13.42	16.28	30.0	Pass

Mode 13: Transmit by 802.11n(20MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	14.24	14.68	17.48	22.99	Pass
CH44	5200	14.46	14.30	17.39	22.99	Pass
CH48	5240	14.26	14.47	17.38	22.99	Pass
CH149	5745	18.11	18.27	21.20	28.99	Pass
CH157	5785	17.05	17.36	20.22	28.99	Pass
CH165	5825	17.16	17.29	20.24	28.99	Pass

Mode 14: Transmit by 802.11n(40MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	12.30	12.28	15.30	22.99	Pass
CH46	5230	12.21	12.40	15.32	22.99	Pass
CH151	5755	17.26	17.41	20.34	28.99	Pass
CH159	5795	16.47	16.40	19.44	28.99	Pass

Mode 15: Transmit by 802.11ac(20MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH36	5180	15.04	15.35	18.21	22.99	Pass
CH44	5200	15.10	15.30	18.21	22.99	Pass

CH48	5240	14.76	14.79	17.79	22.99	Pass
CH149	5745	17.34	17.53	20.45	28.99	Pass
CH157	5785	16.58	16.81	19.71	28.99	Pass
CH165	5825	16.83	16.98	19.91	28.99	Pass

Mode 16: Transmit by 802.11ac(40MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power(dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH38	5190	12.62	12.80	15.72	22.99	Pass
CH46	5230	12.16	12.33	15.26	22.99	Pass
CH151	5755	16.99	17.42	20.22	28.99	Pass
CH159	5795	16.52	16.74	19.64	28.99	Pass

Mode 17: Transmit by 802.11ac(80MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power (dBm)		Total Power (dBm)	Limit (dBm)	Result
		Ant1	Ant2			
CH42	5210	11.75	11.84	14.80	22.99	Pass
CH155	5775	12.80	13.34	16.09	28.99	Pass

Note: The lowest 26dB bandwidth was used for calculate the power limit according to the formula($11+10*\log_2 B$). The level is 24.1dBm which is higher than 24dBm, so 24dBm was used for power limit.

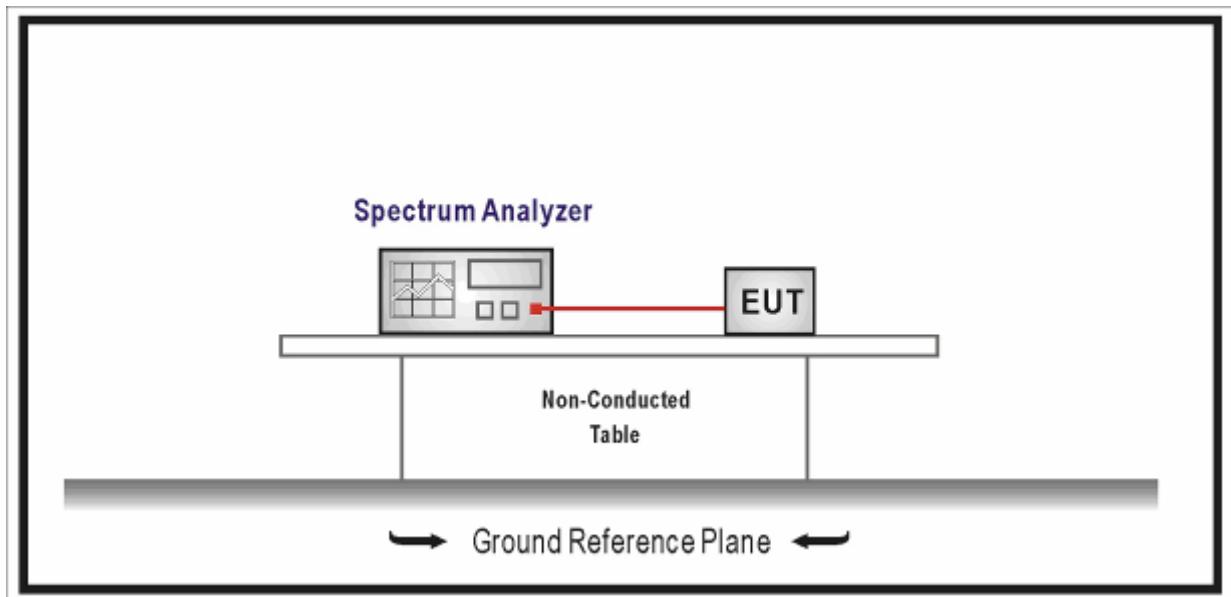
6. Peak Power Spectral Density

6.1. Test Equipment

Peak Power Spectral Density / TR-8					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2017.02.04	2018.02.03
EXA Spectrum Analyzer	Keysight	N9010A	MY55370495	2017.04.09	2018.04.08
MXA Signal Analyzer	Keysight	N9020A	MY56060147	2017.04.09	2018.04.08
Temperature/Humidity Meter	zhichen	ZC1-2	TR8-TH	2017.04.10	2018.04.09

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

6.2. Test Setup



6.3. Limit

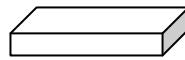
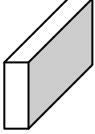
Fundamental emission output power Limit	
<input checked="" type="checkbox"/>	For the band 5.15-5.25 GHz
<input type="checkbox"/>	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} = 17 - (G_{TX} - 6)$
<input type="checkbox"/>	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} = 17 - (G_{TX} - 6)$
<input type="checkbox"/>	Fixed point-to-point access points: the maximum power spectral density shall not exceed 17 dBm/MHz. If $G_{TX} > 23\text{dBi}$, then $P_{out} = 17 - (G_{TX} - 23)$
<input checked="" type="checkbox"/>	Mobile and portable client devices: the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} = 11 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the 5.25-5.35 GHz:
<input checked="" type="checkbox"/>	the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} = 11 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the 5.47-5.725 GHz:
<input checked="" type="checkbox"/>	the maximum power spectral density shall not exceed 11 dBm/MHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} = 11 - (G_{TX} - 6)$
<input checked="" type="checkbox"/>	For the band 5.725-5.85 GHz:
<input checked="" type="checkbox"/>	the maximum power spectral density shall not exceed 30 dBm/500KHz. If $G_{TX} > 6\text{dBi}$, then $P_{out} = 30 - (G_{TX} - 6)$
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
<input checked="" type="checkbox"/>	ANSI C63.10	12.5	Peak power spectral density
<input checked="" type="checkbox"/>	FCC KDB 789033 D02v01r04	F	Maximum Power Spectral Density (PSD)

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

6.5. EUT test Axis definition

Item	Peak power spectral density		
Device Category	<input type="checkbox"/> Indoor use		
	<input type="checkbox"/> Outdoor use		
	<input type="checkbox"/> Fix position use		
	<input checked="" type="checkbox"/> Client use		
Test mode	Mode 1-17		
Test method	<input type="checkbox"/> Radiated		
		X Axis	Y Axis
			
		Worst Axis <input type="checkbox"/>	Worst Axis <input type="checkbox"/>
	<input checked="" type="checkbox"/> Conducted		
	<input type="checkbox"/> Chain 1		
			
	<input checked="" type="checkbox"/> Chain 1	Chain 2	
			
	<input type="checkbox"/> Chain 1	Chain 2	Chain 3
			

6.6. Test Result

Product Name	: Wireless Access point	Power	: AC 120V/60Hz
Test Mode	: Mode 1~17	Test Site	: TR8
Test Date	: 2017.11.11	Test Engineer	: Tommy

Mode 1: Transmit by 802.11a with SISO						
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Antenna Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2			
CH36	5180	3.985	2.551	4	17.0	Pass
CH44	5220	4.313	2.138	4	17.0	Pass
CH48	5240	4.343	1.638	4	17.0	Pass
CH140	5700	3.757	0.51	4	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Antenna Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2			
CH149	5745	3.199	1.389	4	30.0	Pass
CH157	5785	2.181	2.266	4	30.0	Pass
CH165	5825	2.591	2.317	4	30.0	Pass

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

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Antenna Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2			
CH36	5180	3.258	1.035	4	17.0	Pass
CH44	5220	3.397	0.051	4	17.0	Pass
CH48	5240	3.598	0.055	4	17.0	Pass
CH140	5700	3.554	0.188	4	11.0	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Antenna Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2			
CH149	5745	2.878	1.327	4	30.0	Pass
CH157	5785	2.302	1.601	4	30.0	Pass
CH165	5825	2.359	1.803	4	30.0	Pass

Mode 3: Transmit by 802.11n(40MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Antenna Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2			
CH38	5190	-0.585	-4.585	4	17.0	Pass
CH46	5230	-0.224	-5.08	4	17.0	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Antenna Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2			
CH151	5755	-0.01	-1.13	4	30.0	Pass
CH159	5795	-1.102	-0.844	4	30.0	Pass

Mode 4: Transmit by 802.11ac(20MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Antenna Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2			
CH36	5180	3.893	1.138	4	17.0	Pass
CH44	5220	4.16	0.531	4	17.0	Pass
CH48	5240	4.14	0.785	4	17.0	Pass
CH140	5700	3.194	0.061	4	11.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Antenna Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2			
CH149	5745	3.662	1.417	4	30.0	Pass
CH157	5785	2.6	1.688	4	30.0	Pass
CH165	5825	2.652	2.419	4	30.0	Pass

Mode 5: Transmit by 802.11ac(40MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Antenna Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2			
CH38	5190	-0.851	-4.463	4	17.0	Pass
CH46	5230	-0.725	-4.429	4	17.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Antenna Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2			
CH151	5755	0.521	-0.995	4	30.0	Pass
CH159	5795	-0.684	-0.861	4	30.0	Pass

Mode 6: Transmit by 802.11ac(80MHz) with SISO

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Antenna Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2			
CH42	5210	-3.559	-7.809	4	17.0	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Antenna Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2			
CH155	5775	-6.687	-8.688	4	30.0	Pass

Mode 7: Transmit by 802.11a with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	2.268	2.219	5.254	7.01	15.99	Pass
CH44	5220	3.123	2.36	5.769	7.01	15.99	Pass
CH48	5240	2.036	2.47	5.269	7.01	15.99	Pass
CH140	5700	-0.725	-1.075	2.114	7.01	9.99	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KHz)	Result
		Ant1	Ant2				
CH149	5745	0.445	-0.364	3.070	7.01	28.99	Pass
CH157	5785	-1.189	-1.145	1.843	7.01	28.99	Pass
CH165	5825	0.061	-0.135	2.974	7.01	28.99	Pass

Mode 8: Transmit by 802.11n(20MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	1.714	1.714	4.724	7.01	15.99	Pass
CH44	5220	1.89	2.262	5.090	7.01	15.99	Pass
CH48	5240	2.116	1.633	4.892	7.01	15.99	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH149	5745	1.54	-1.029	3.453	7.01	28.99	Pass
CH157	5785	0.373	-1.045	2.732	7.01	28.99	Pass
CH165	5825	0.256	0.102	3.190	7.01	28.99	Pass

Mode 9: Transmit by 802.11n(40MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH38	5190	-2.548	-2.428	0.523	7.01	15.99	Pass
CH46	5230	-2.376	-2.449	0.598	7.01	15.99	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH151	5755	0.175	0.036	3.116	7.01	28.99	Pass
CH159	5795	-0.791	0.694	3.025	7.01	28.99	Pass

Mode 10: Transmit by 802.11ac(20MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	2.198	2.202	5.210	7.01	15.99	Pass
CH44	5220	3.273	3.126	6.210	7.01	15.99	Pass
CH48	5240	3.217	3.238	6.238	7.01	15.99	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH149	5745	-0.273	-0.916	2.428	7.01	28.99	Pass
CH157	5785	-1.4	-1.081	1.773	7.01	28.99	Pass
CH165	5825	0.287	-0.212	3.055	7.01	28.99	Pass

Mode 11: Transmit by 802.11ac(40MHz) with CDD

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH38	5190	-3.004	-2.857	0.080	7.01	15.99	Pass
CH46	5230	-3.031	-3.079	-0.045	7.01	15.99	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH151	5755	-3.566	-3.521	-0.533	7.01	28.99	Pass
CH159	5795	-3.391	-3.446	-0.408	7.01	28.99	Pass

Mode 12: Transmit by 802.11ac(80MHz) with CDD							
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH42	5210	-6.09	-6.074	-3.072	7.01	15.99	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH155	5775	-11.094	-10.965	-8.019	7.01	28.99	Pass

Mode 13: Transmit by 802.11n(20MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	1.323	1.546	4.446	7.01	15.99	Pass
CH44	5220	1.586	2.055	4.837	7.01	15.99	Pass
CH48	5240	1.964	2.197	5.092	7.01	15.99	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH149	5745	2.108	1.733	4.935	7.01	28.99	Pass
CH157	5785	1.952	1.864	4.919	7.01	28.99	Pass
CH165	5825	1.631	1.458	4.556	7.01	28.99	Pass

Mode 14: Transmit by 802.11n(40MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH38	5190	-3.683	-3.407	-0.421	7.01	15.99	Pass
CH46	5230	-3.459	-3.403	1.182	7.01	15.99	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH151	5755	-0.143	-0.197	2.840	7.01	28.99	Pass
CH159	5795	-0.658	-0.333	2.518	7.01	28.99	Pass

Mode 15: Transmit by 802.11ac(20MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH36	5180	1.881	2.122	5.013	7.01	15.99	Pass
CH44	5220	2.353	2.322	5.348	7.01	15.99	Pass
CH48	5240	2.146	2.282	5.225	7.01	15.99	Pass
CH52	5260	1.414	1.117	4.278	7.01	9.99	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH149	5745	1.204	1.421	4.324	7.01	28.99	Pass
CH157	5785	0.761	1.675	4.252	7.01	28.99	Pass
CH165	5825	0.154	1.213	3.726	7.01	28.99	Pass

Mode 16: Transmit by 802.11ac(40MHz) with Beam-forming

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH38	5190	-3.857	-3.838	-0.837	7.01	15.99	Pass
CH46	5230	-3.465	-3.465	-0.455	7.01	15.99	Pass

Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH151	5755	-0.576	-0.660	2.393	7.01	28.99	Pass
CH159	5795	-0.837	-0.041	2.590	7.01	28.99	Pass

Mode 17: Transmit by 802.11ac(80MHz) with Beam-forming

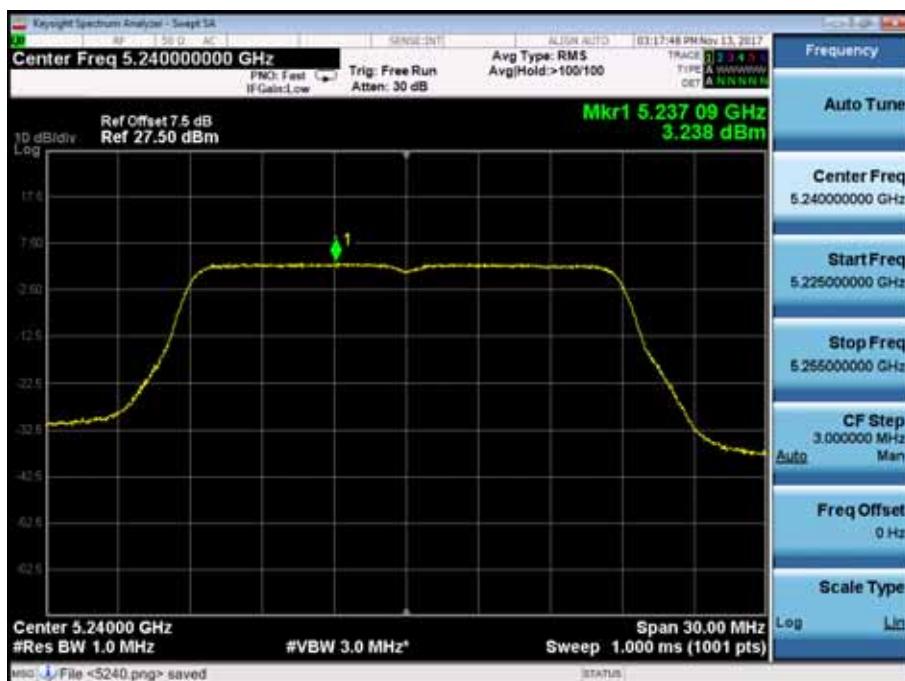
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/MHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/MHz)	Result
		Ant1	Ant2				
CH42	5210	-7.110	-7.194	-4.141	7.01	15.99	Pass
Channel No.	Frequency (MHz)	Measurement Power Spectral Density (dBm/500KHz)		Total Measurement PSD (dBm/3kHz)	Directional Gain (dBi)	Limit (dBm/500KH z)	Result
		Ant1	Ant2				
CH155	5775	-8.306	-7.765	-5.017	7.01	28.99	Pass

The worst case of 6dB Bandwidth as below:

Mode 10 CH48 (5240MHz) Ant 1



Mode 10 CH48 (5240MHz) Ant 2



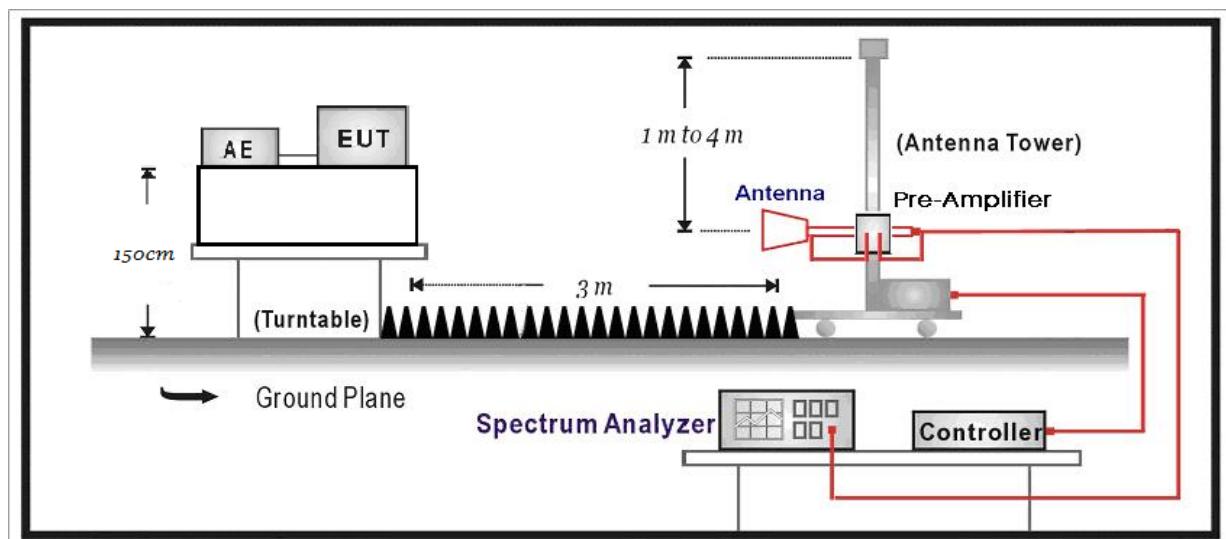
7. Radiated Emission Band Edge

7.1. 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	2017.09.18	2018.09.17
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C1	2017.02.28	2018.02.27
Coaxial Cable	Huber+Suhner	SUCOFLEX 106	AC5-C2	2017.02.28	2018.02.27
Temperature/Humidity Meter	Zhichen	ZC1-2	AC5-TH	2017.01.05	2018.01.04

Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

7.2. Test Setup



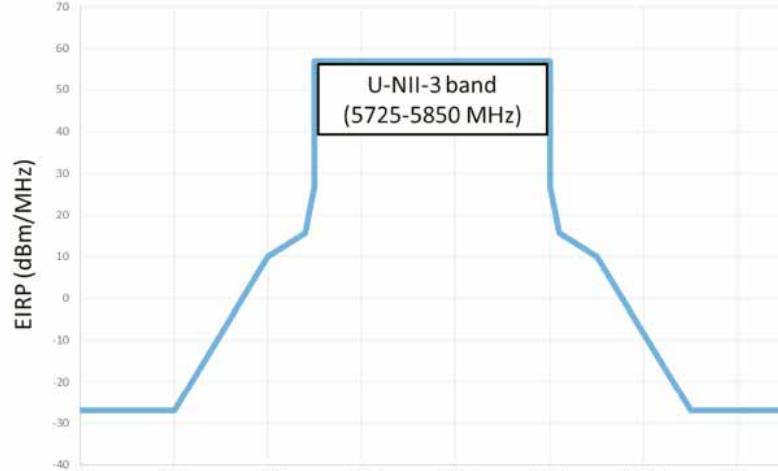
7.3. Limit

FCC Part 15 Subpart C Paragraph 15.209 (Restricted Band Emissions Limit)		
Frequency (MHz)	Distance (m)	Level (dB μ V/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).

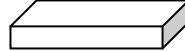
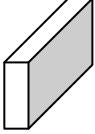
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	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(5)(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 - 5850		

7.4. Test Procedure

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

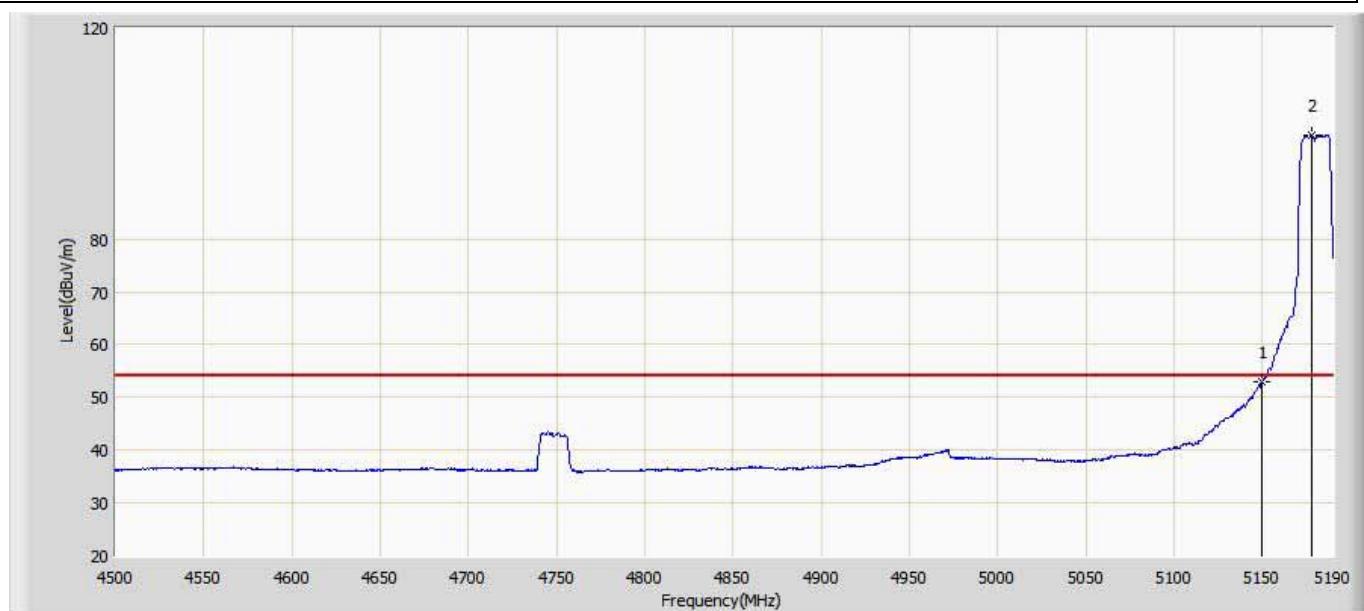
7.5. EUT test Axis definition

Item	Radiated Emission Band Edge		
Device Category	<input type="checkbox"/> Indoor use		
	<input type="checkbox"/> Outdoor use		
	<input type="checkbox"/> Fix position use		
	<input checked="" type="checkbox"/> Client use		
Test mode	Mode 1-17		
Test method	<input checked="" type="checkbox"/> Radiated		
		X Axis	Y Axis
			
		<input checked="" type="checkbox"/> Worst Axis	<input type="checkbox"/> Worst Axis
	<input type="checkbox"/> Conducted		
	<input type="checkbox"/> Chain 1		
			
	<input type="checkbox"/> Chain 1	Chain 2	
			
	<input type="checkbox"/> Chain 1	Chain 2	Chain 3
			

7.6. Test Result

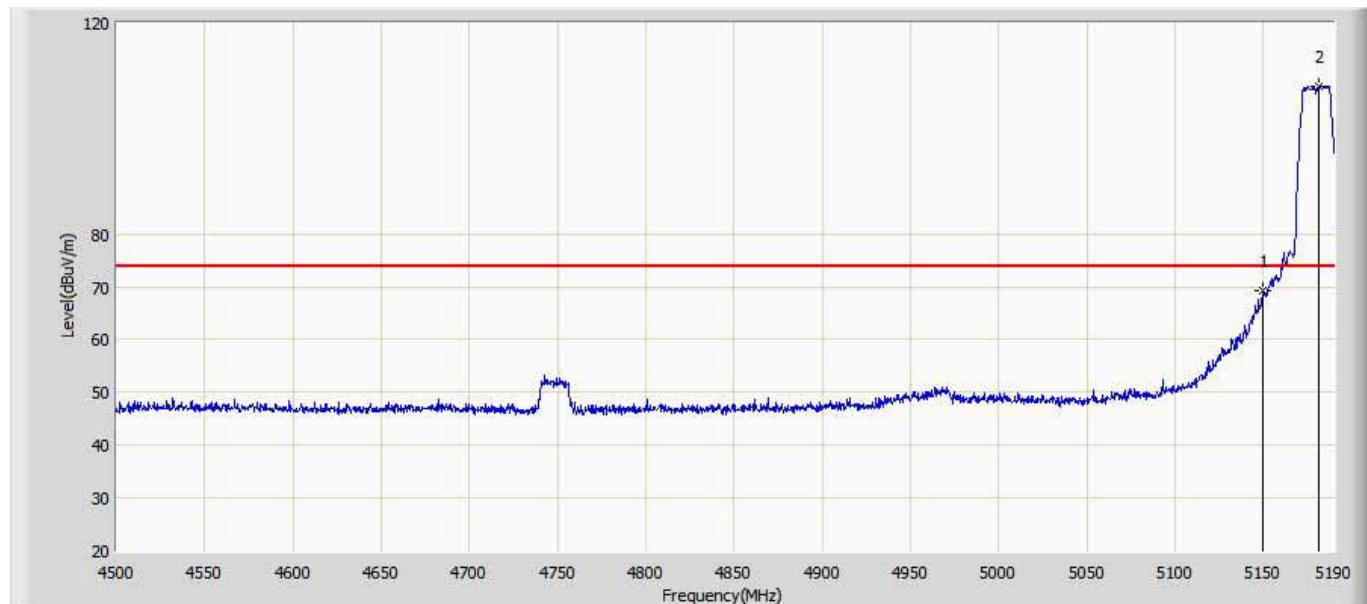
Ant: 1

Engineer: Simon	
Site: AC5	Time: 2017/10/26 - 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 1:Transmit at 5180MHz by 802.11a	



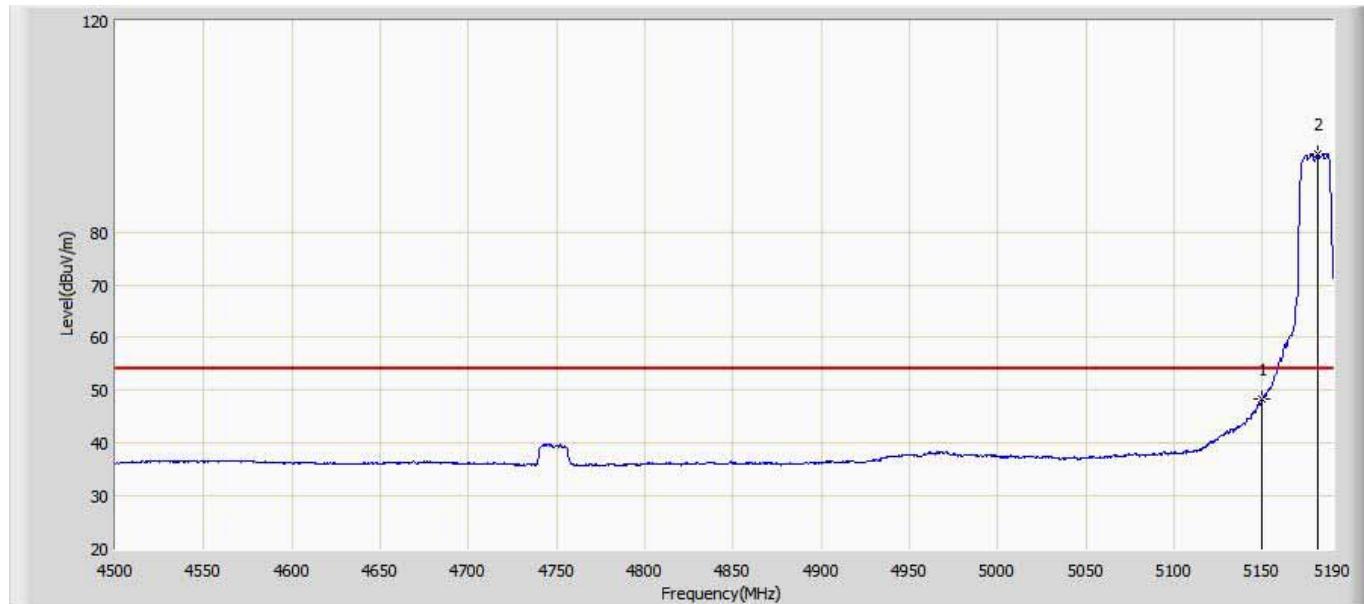
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.890	16.225	-1.110	54.000	36.665	AV
2	*	5177.925	99.668	63.060	N/A	N/A	36.608	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:03
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 5180MHz by 802.11a	



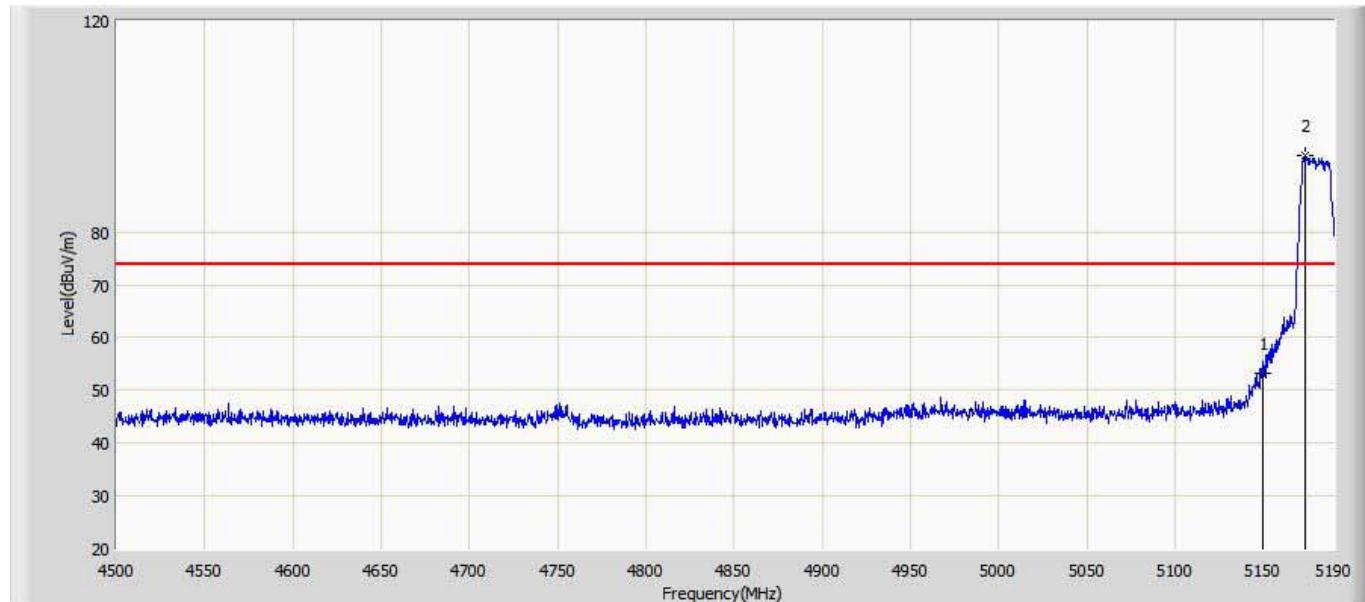
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.164	32.499	-4.836	74.000	36.665	PK
2	*	5181.375	108.074	71.499	N/A	N/A	36.575	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:05
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 1:Transmit at 5180MHz by 802.11a	



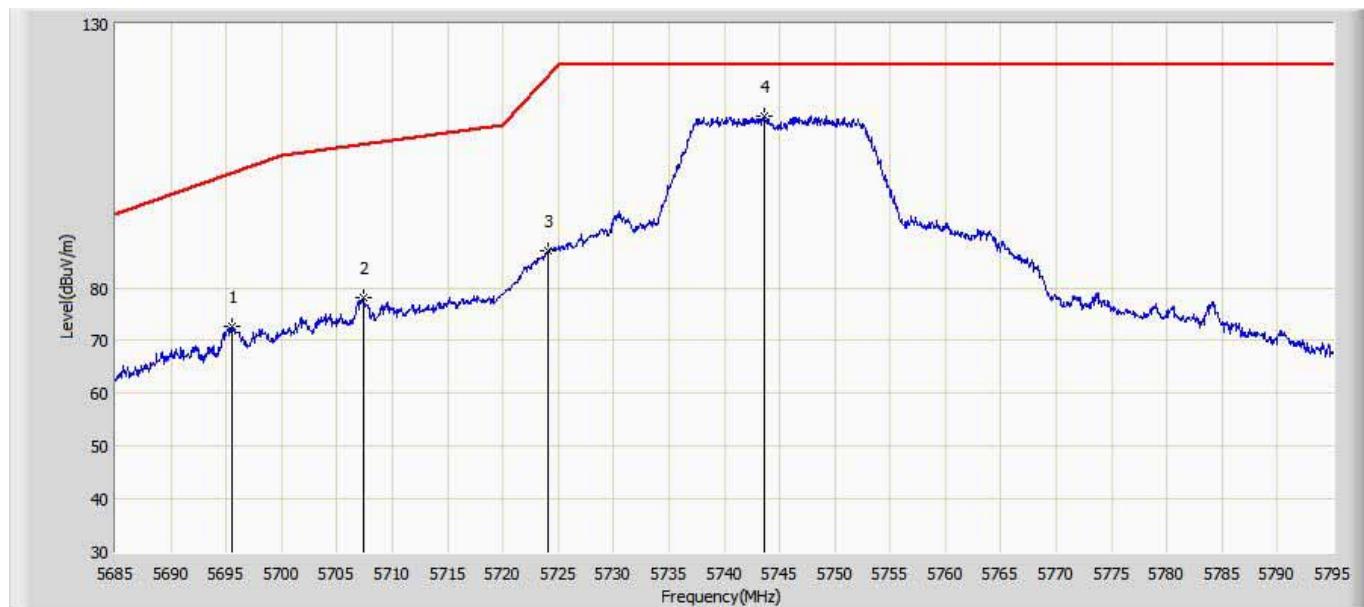
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.477	11.812	-5.523	54.000	36.665	AV
2	*	5181.030	94.716	58.138	N/A	N/A	36.578	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:10
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 5180MHz by 802.11a	



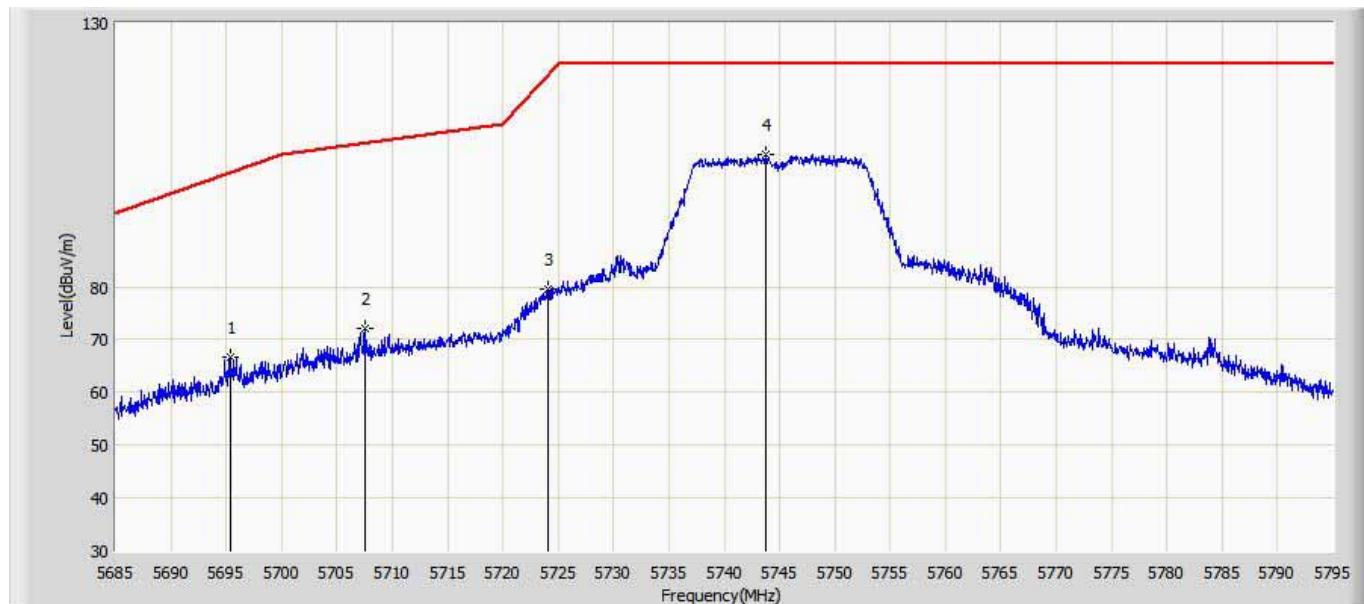
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.172	16.507	-20.828	74.000	36.665	PK
2	*	5173.440	94.469	57.818	N/A	N/A	36.651	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:43
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745MHz by 802.11a	



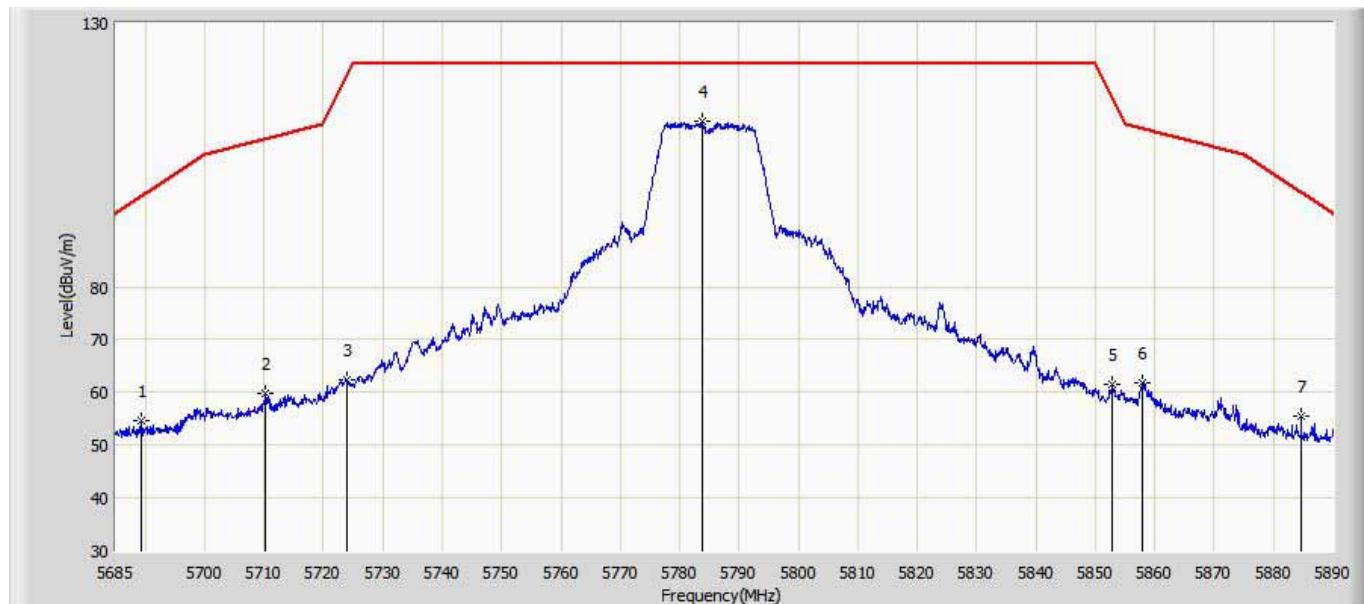
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.505	72.672	34.620	-29.215	101.887	38.052	PK
2		5707.440	78.120	39.955	-29.165	107.285	38.165	PK
3		5724.105	87.157	48.964	-33.003	120.160	38.193	PK
4	*	5743.575	112.489	74.452	-9.711	122.200	38.037	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:52
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5745MHz by 802.11a	



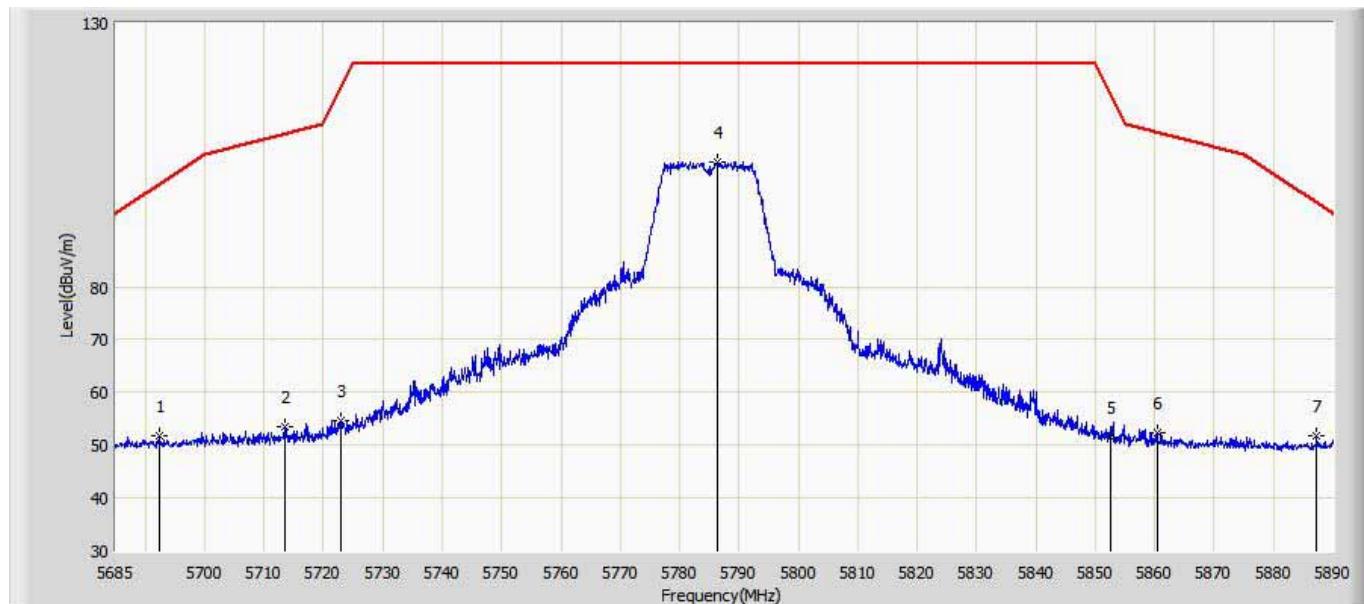
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.395	66.714	28.663	-35.092	101.806	38.051	PK
2		5707.605	71.986	33.819	-35.346	107.332	38.167	PK
3		5724.050	79.626	41.433	-40.408	120.035	38.193	PK
4	*	5743.740	104.974	66.937	-17.226	122.200	38.037	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:55
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785MHz by 802.11a	



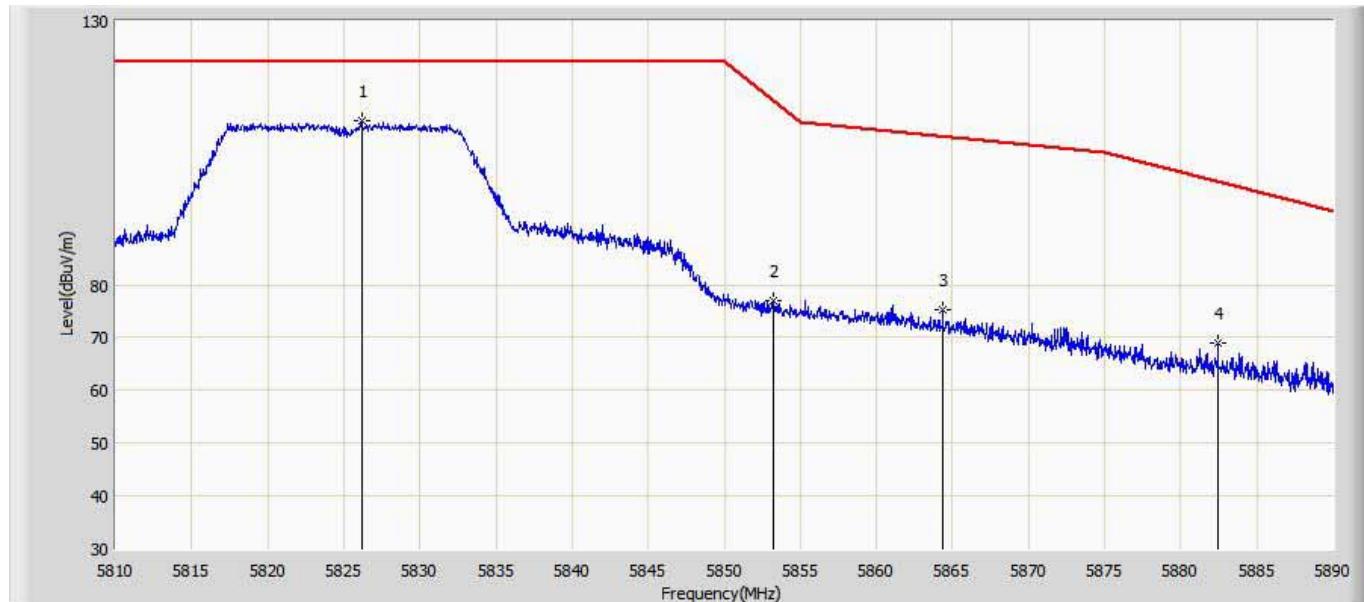
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5689.408	54.636	16.621	-42.753	97.389	38.015	PK
2		5710.317	59.780	21.599	-48.311	108.091	38.181	PK
3		5723.950	62.463	24.270	-57.344	119.807	38.193	PK
4	*	5783.708	111.337	73.247	-10.863	122.200	38.090	PK
5		5852.895	61.393	23.438	-54.205	115.598	37.955	PK
6		5858.020	61.680	23.721	-48.273	109.953	37.959	PK
7		5884.670	55.491	17.543	-42.529	98.020	37.948	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:59
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5785MHz by 802.11a	



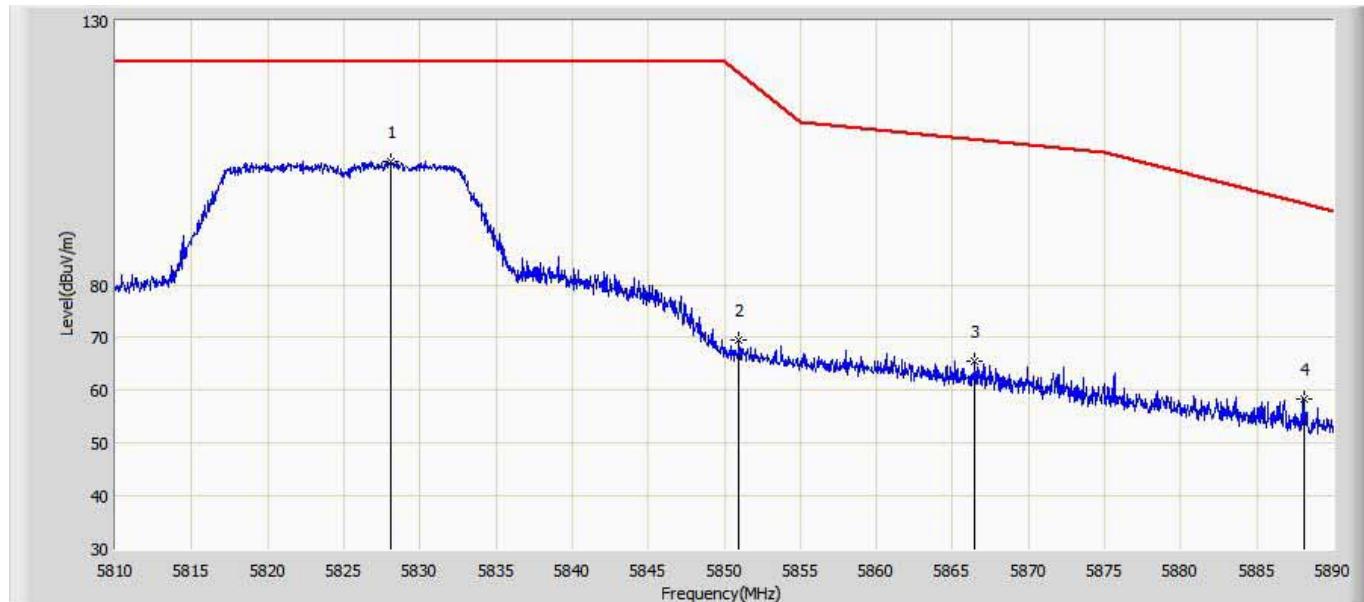
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.380	51.774	13.751	-47.809	99.582	38.023	PK
2		5713.598	53.580	15.396	-55.430	109.010	38.184	PK
3		5722.822	54.658	16.466	-62.577	117.235	38.192	PK
4	*	5786.475	103.753	65.669	-18.447	122.200	38.084	PK
5		5852.690	51.507	13.552	-64.559	116.066	37.955	PK
6		5860.377	52.278	14.317	-57.015	109.293	37.961	PK
7		5887.232	51.637	13.674	-44.482	96.119	37.963	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:02
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825MHz by 802.11a	



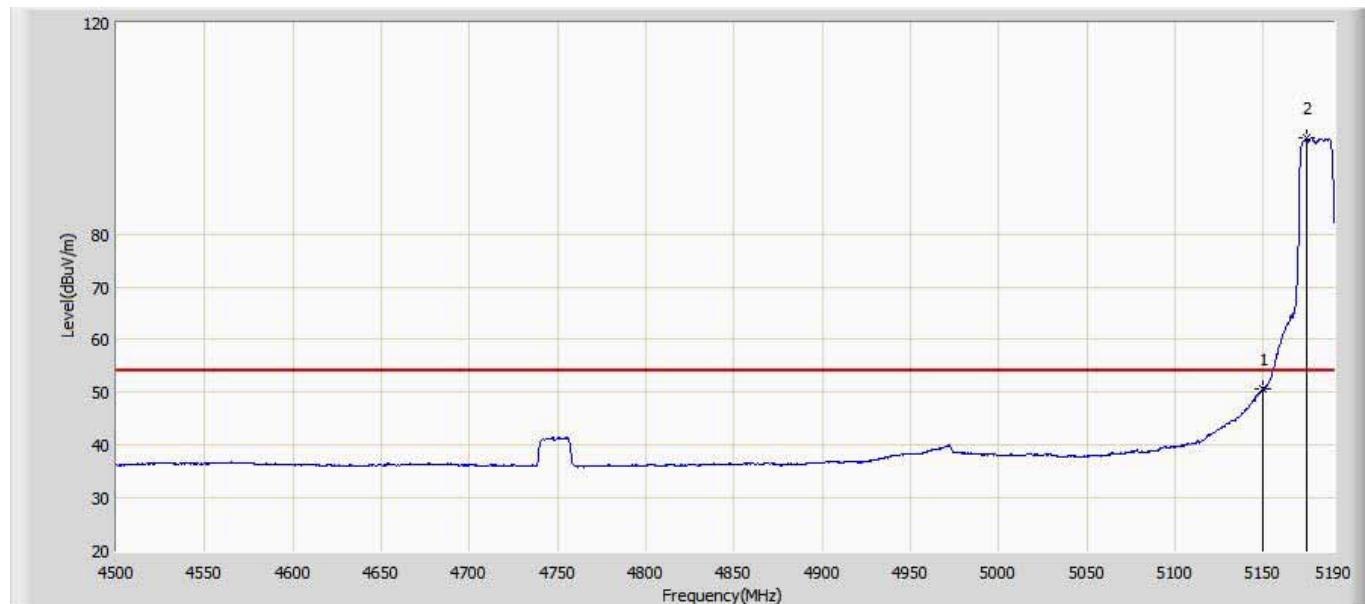
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5826.160	110.971	72.930	-11.229	122.200	38.041	PK
2		5853.240	76.861	38.906	-37.950	114.812	37.955	PK
3		5864.360	75.228	37.273	-32.948	108.177	37.955	PK
4		5882.440	68.938	31.003	-30.736	99.675	37.935	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:05
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5825MHz by 802.11a	



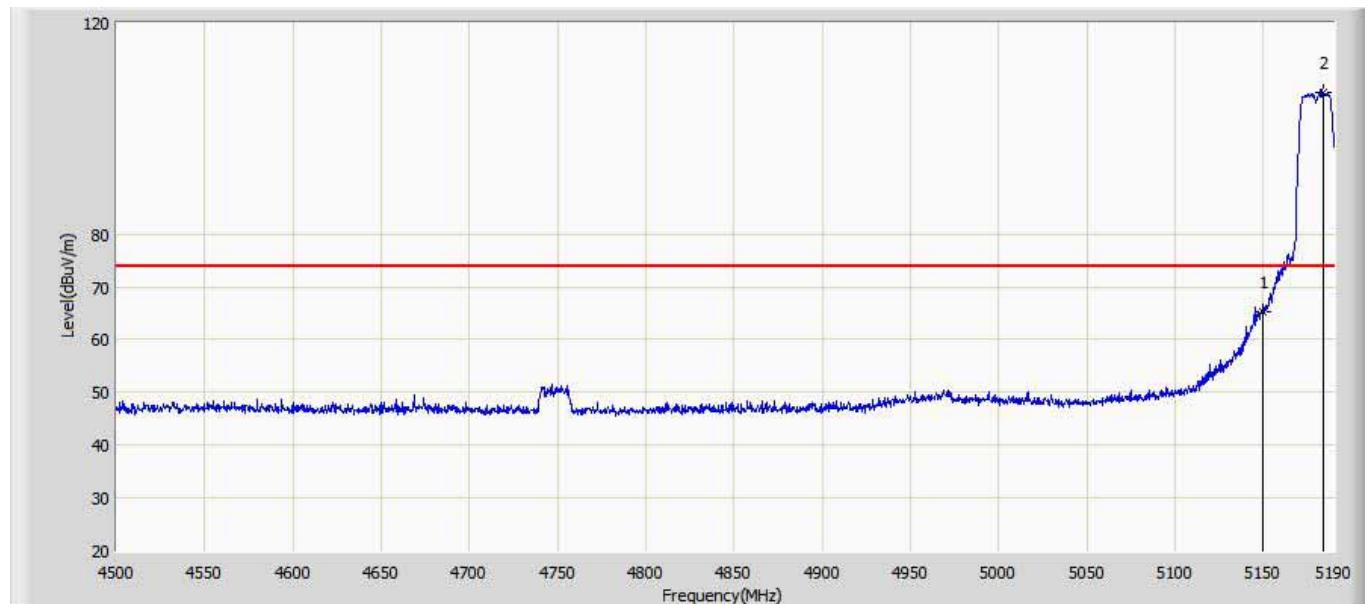
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5828.120	103.218	65.170	-18.982	122.200	38.048	PK
2		5850.960	69.423	31.469	-50.588	120.010	37.954	PK
3		5866.440	65.443	27.493	-42.152	107.594	37.950	PK
4		5888.160	58.399	20.431	-37.032	95.431	37.968	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:09
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 2:Transmit at 5180MHz by 802.11n20	



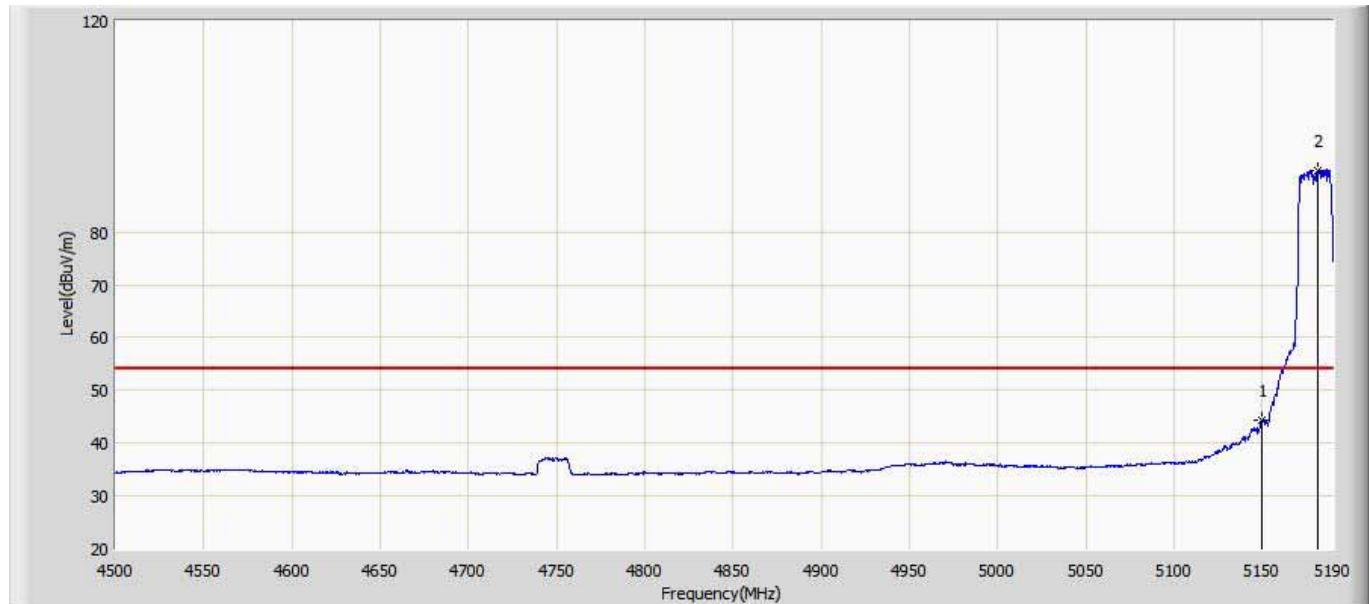
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.792	14.127	-3.208	54.000	36.665	AV
2	*	5174.475	98.238	61.597	N/A	N/A	36.641	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:43
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 2:Transmit at 5180MHz by 802.11n20	



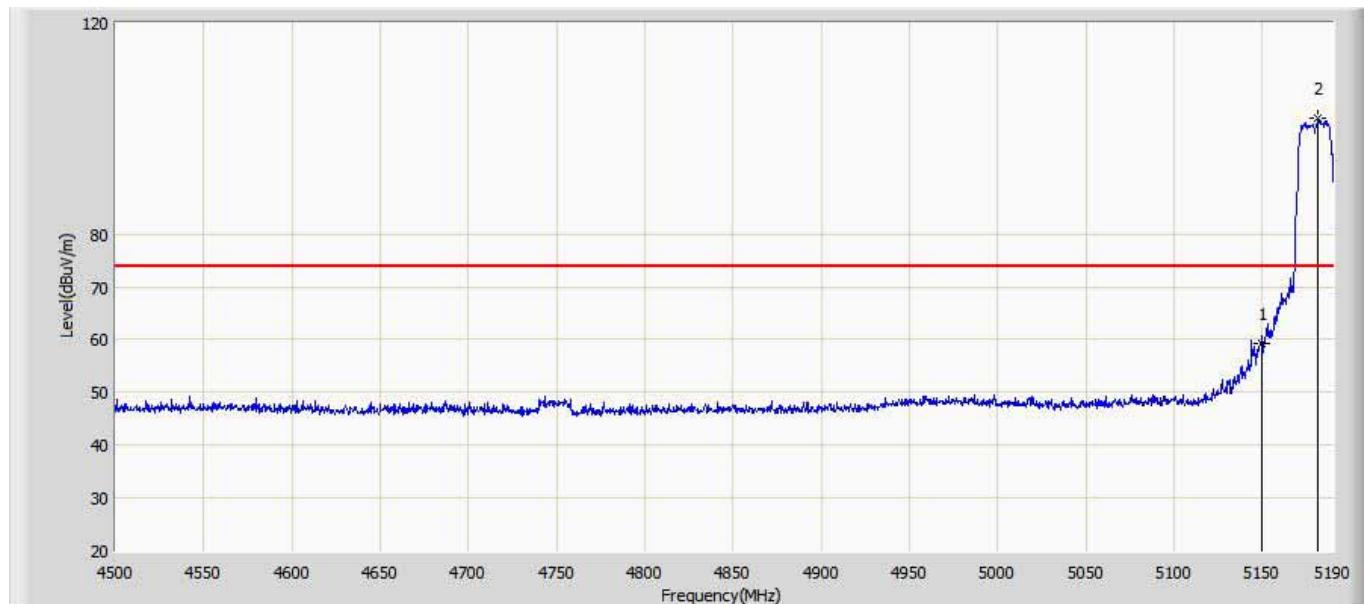
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.257	28.592	-8.743	74.000	36.665	PK
2	*	5184.135	106.802	70.236	N/A	N/A	36.566	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:45
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 2:Transmit at 5180MHz by 802.11n20	



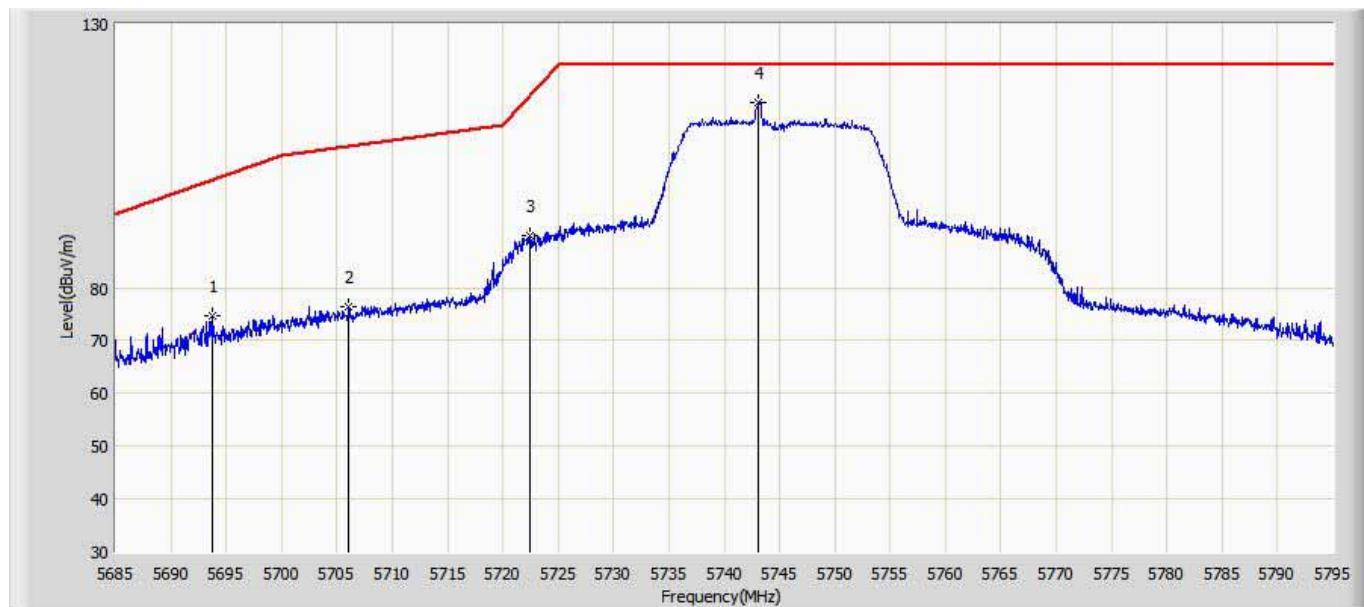
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.387	7.722	-9.613	54.000	36.665	AV
2	*	5181.030	91.588	55.010	N/A	N/A	36.578	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:48
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 5180MHz by 802.11n20	



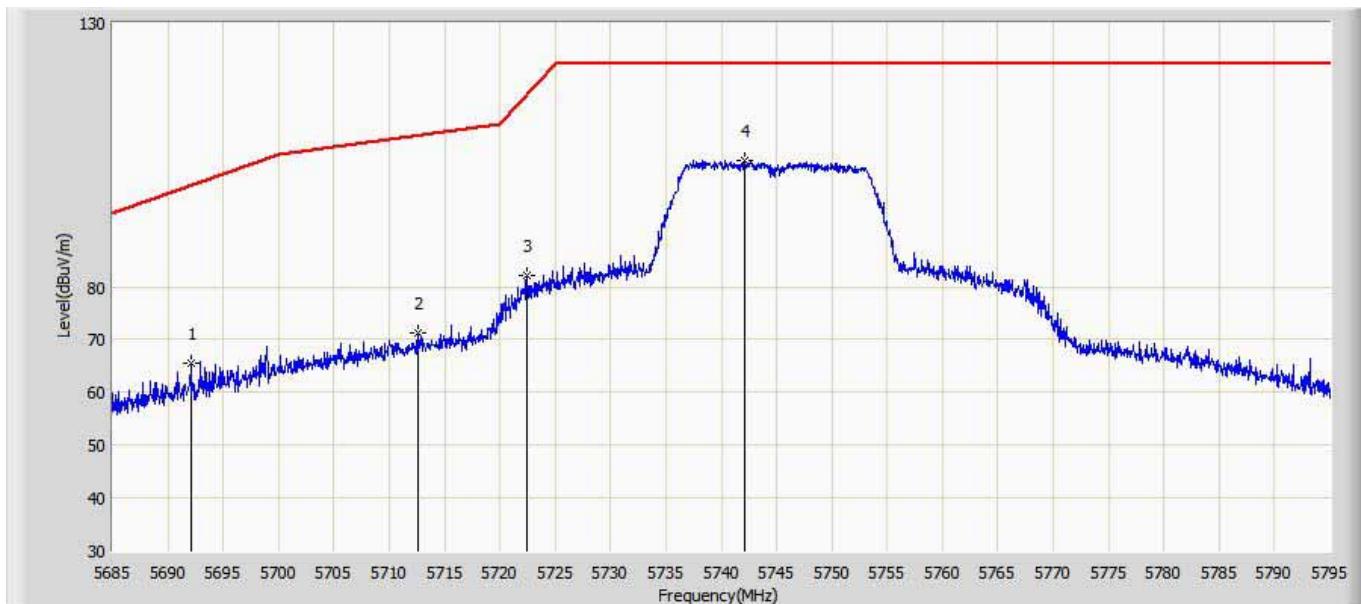
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.366	22.701	-14.634	74.000	36.665	PK
2	*	5181.720	101.922	65.350	N/A	N/A	36.572	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:26
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745MHz by 802.11n20	



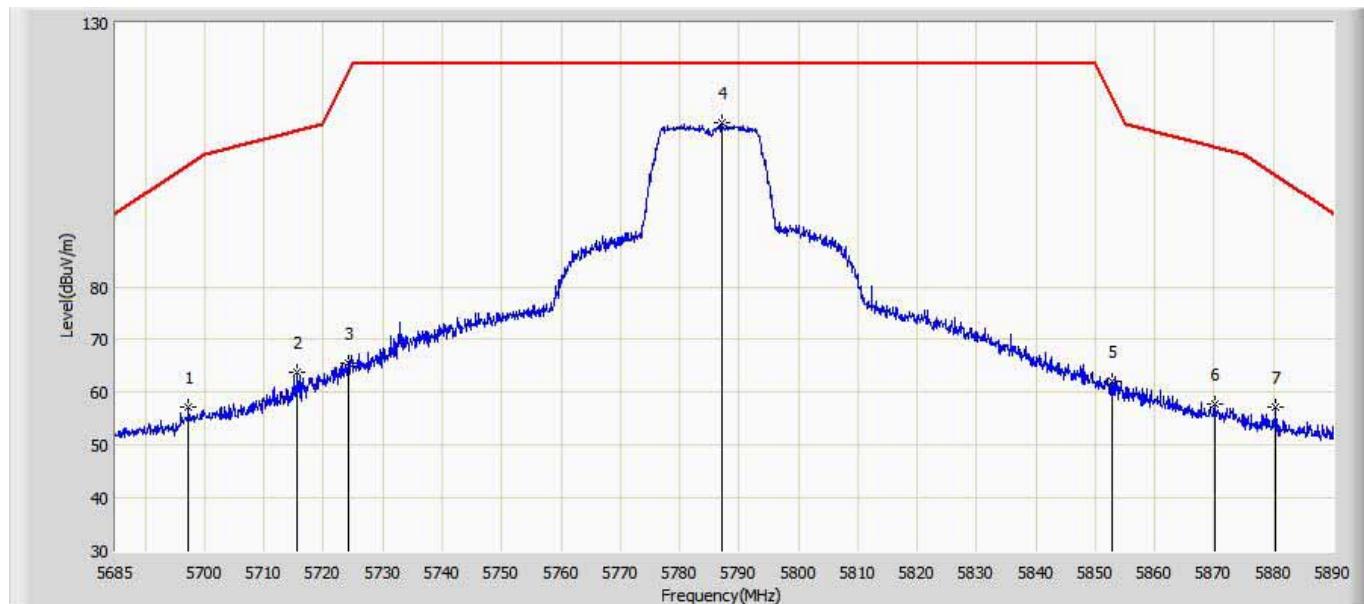
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.800	74.770	36.734	-25.860	100.630	38.036	PK
2		5706.065	76.483	38.331	-30.417	106.900	38.152	PK
3		5722.455	89.864	51.672	-26.535	116.399	38.192	PK
4	*	5743.135	115.043	77.004	-7.157	122.200	38.039	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:29
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5745MHz by 802.11n20	



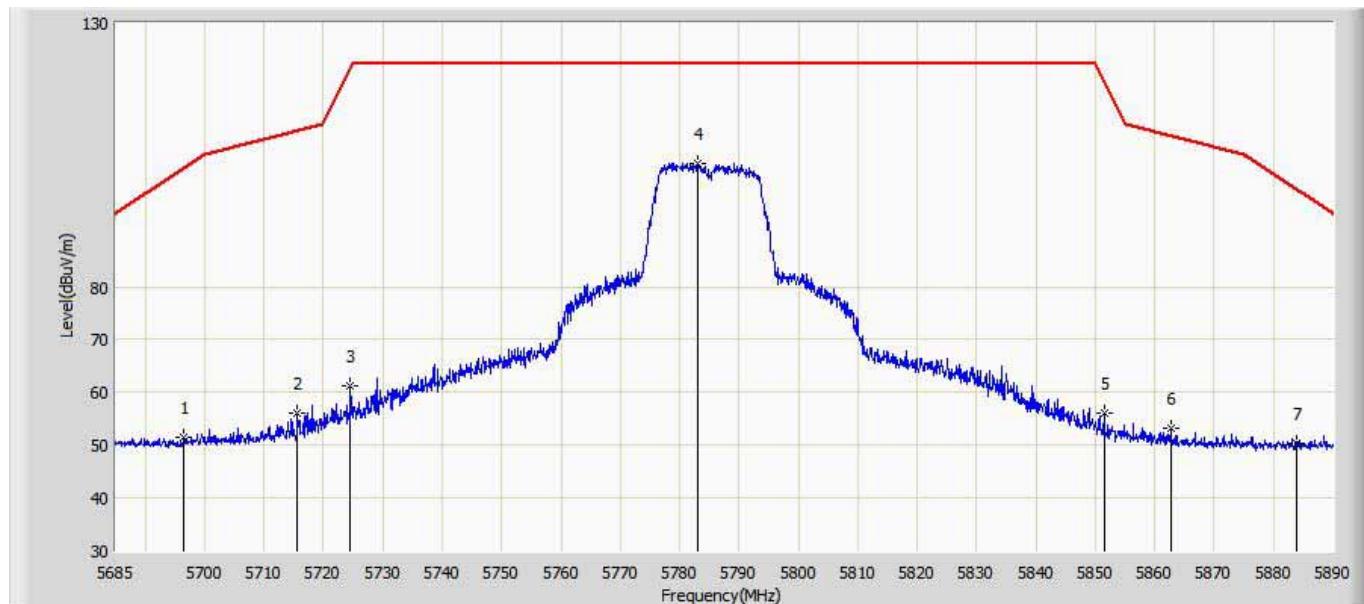
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.040	65.629	27.610	-33.702	99.331	38.019	PK
2		5712.665	71.374	33.191	-37.374	108.748	38.183	PK
3		5722.400	82.197	44.005	-34.076	116.273	38.192	PK
4	*	5742.090	103.810	65.762	-18.390	122.200	38.048	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:33
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785MHz by 802.11n20	



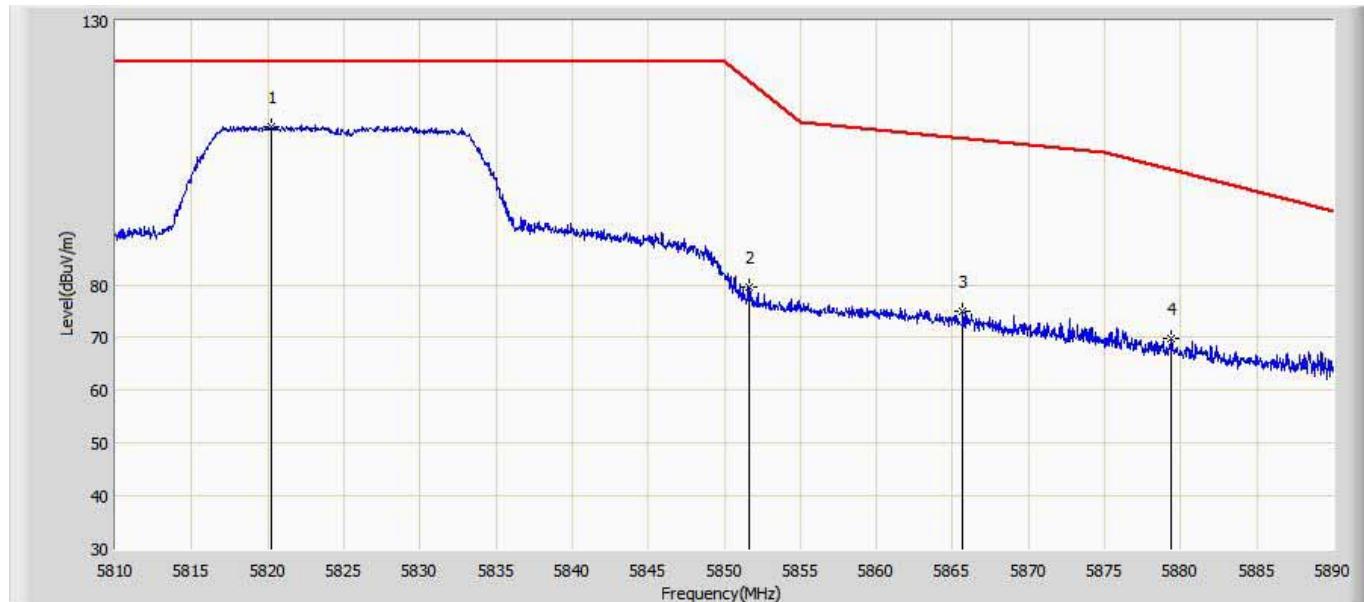
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5697.300	57.159	19.090	-46.051	103.210	38.069	PK
2		5715.545	63.776	25.590	-45.779	109.554	38.186	PK
3		5724.155	65.658	27.465	-54.616	120.274	38.193	PK
4	*	5787.090	111.010	72.928	-11.190	122.200	38.082	PK
5		5852.792	62.205	24.250	-53.628	115.833	37.955	PK
6		5870.013	57.676	19.736	-48.919	106.595	37.940	PK
7		5880.365	57.216	19.293	-43.999	101.215	37.923	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:37
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5785MHz by 802.11n20	



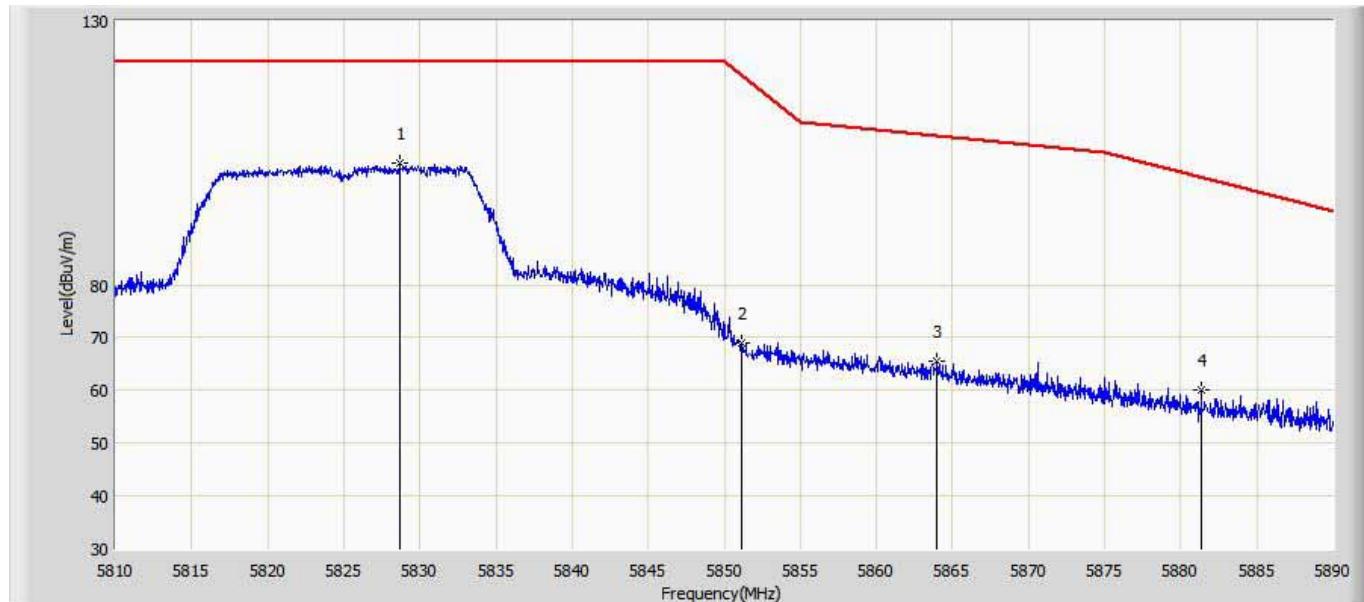
No	Mark	Frequency (MHz)	Measure Level (dBm/m)	Reading Level (dBmV)	Over Limit (dB)	Limit (dBm/m)	Factor (dB)	Type
1		5696.583	51.387	13.325	-51.294	102.682	38.062	PK
2		5715.545	55.945	17.759	-53.610	109.554	38.186	PK
3		5724.462	61.124	22.930	-59.850	120.974	38.194	PK
4	*	5783.092	103.486	65.394	-18.714	122.200	38.092	PK
5		5851.460	56.100	18.146	-62.770	118.870	37.954	PK
6		5862.735	53.342	15.382	-55.290	108.632	37.960	PK
7		5883.850	50.253	12.310	-48.375	98.628	37.943	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:40
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825MHz by 802.11n20	



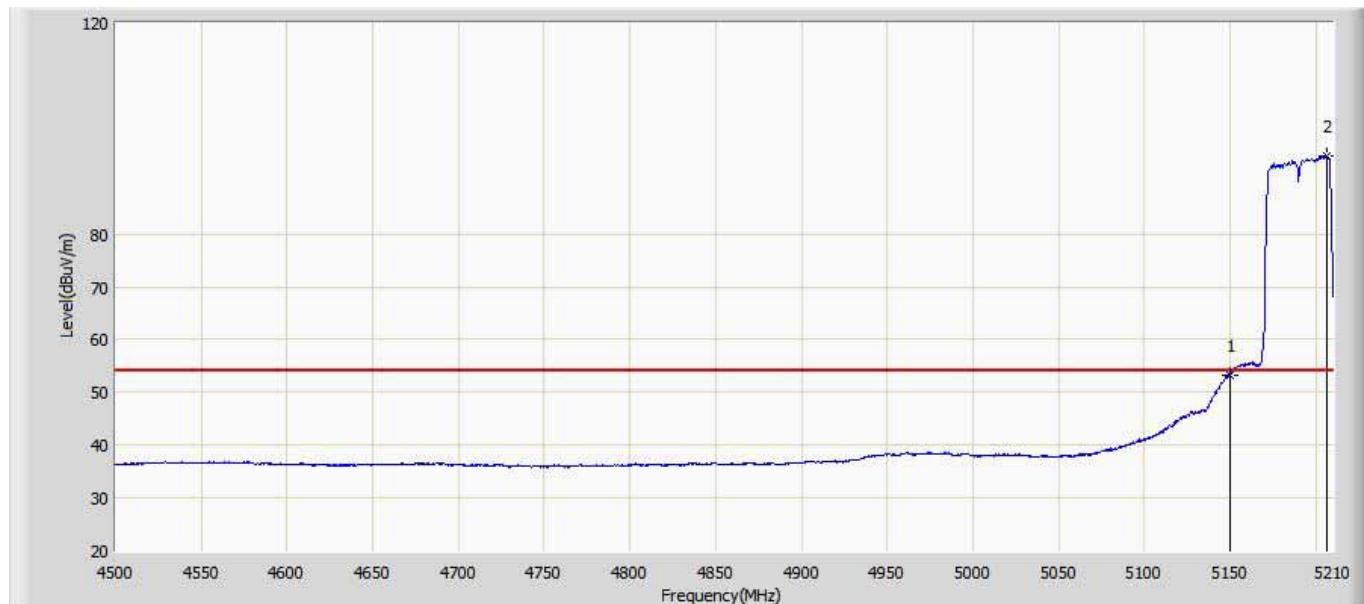
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5820.240	110.026	72.011	-12.174	122.200	38.015	PK
2		5851.680	79.570	41.616	-38.798	118.369	37.954	PK
3		5865.680	75.117	37.165	-32.690	107.807	37.952	PK
4		5879.400	69.714	31.797	-32.217	101.931	37.917	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:43
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5825MHz by 802.11n20	



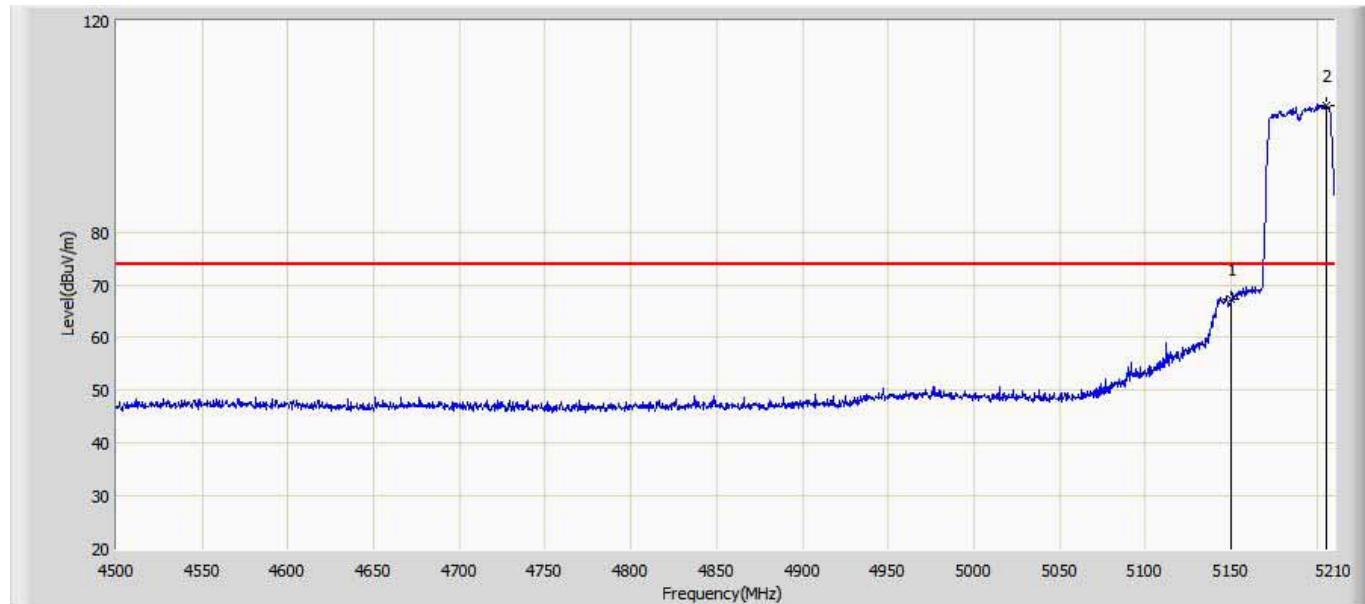
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5828.640	102.989	64.944	-19.211	122.200	38.045	PK
2		5851.120	68.990	31.036	-50.656	119.646	37.954	PK
3		5864.000	65.613	27.657	-42.664	108.278	37.956	PK
4		5881.360	60.150	22.221	-40.326	100.476	37.929	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:48
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 3:Transmit at 5190MHz by 802.11n40	



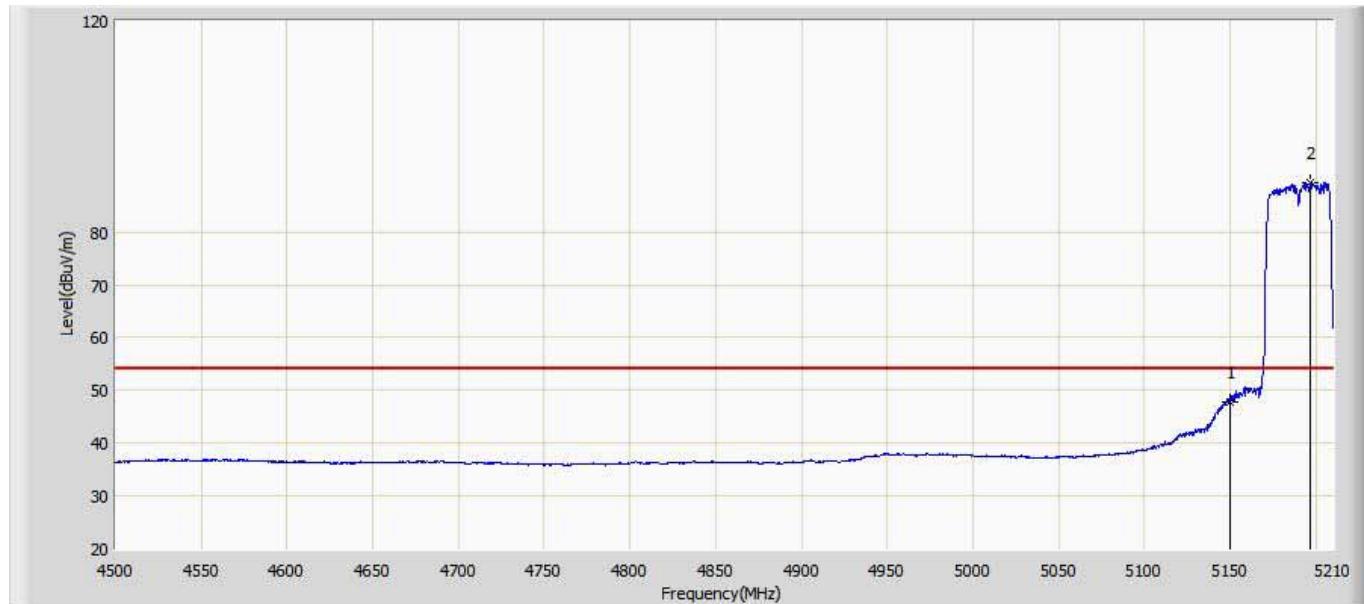
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.172	16.507	-0.828	54.000	36.665	AV
2	*	5206.805	94.728	58.093	N/A	N/A	36.635	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:52
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 5190MHz by 802.11n40	



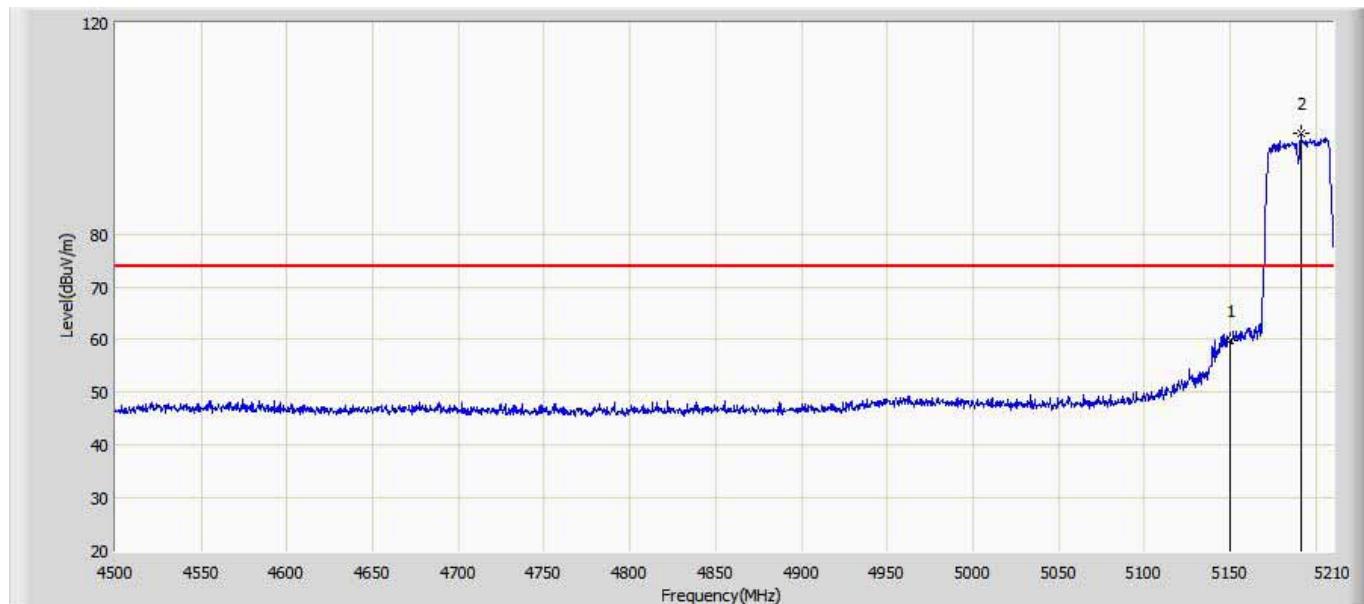
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.360	30.695	-6.640	74.000	36.665	PK
2	*	5205.385	104.036	67.418	N/A	N/A	36.618	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:55
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 3:Transmit at 5190MHz by 802.11n40	



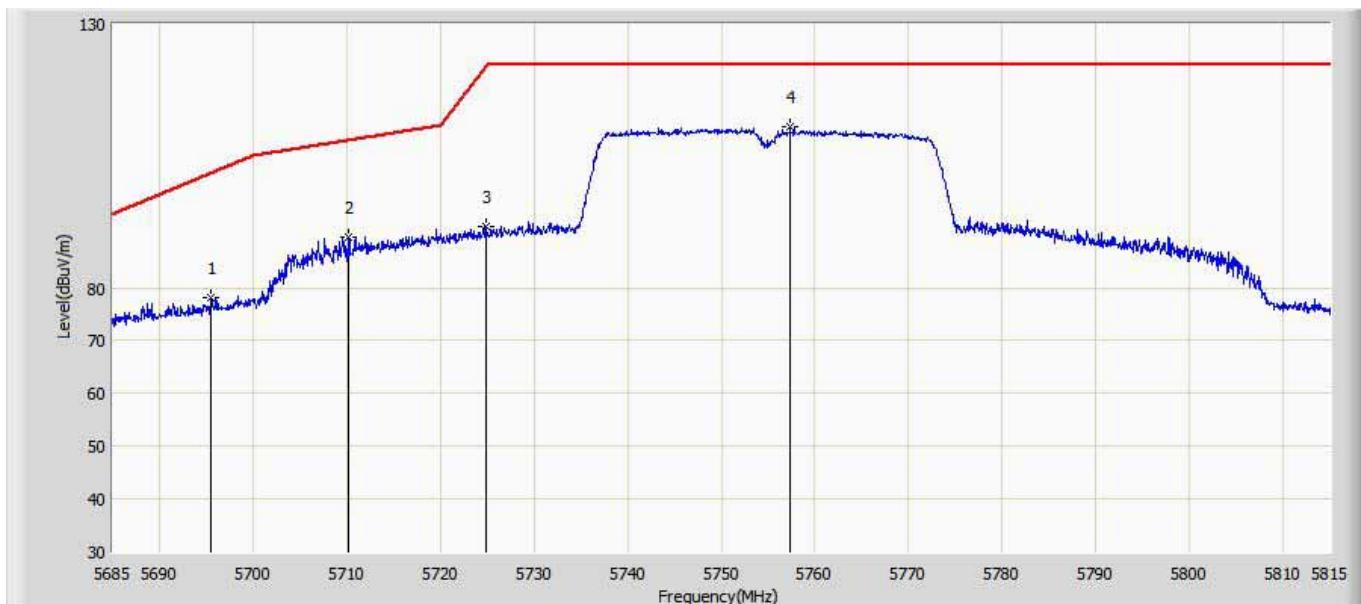
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.849	11.184	-6.151	54.000	36.665	AV
2	*	5196.865	89.232	52.683	N/A	N/A	36.549	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 17:04
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 5190MHz by 802.11n40	



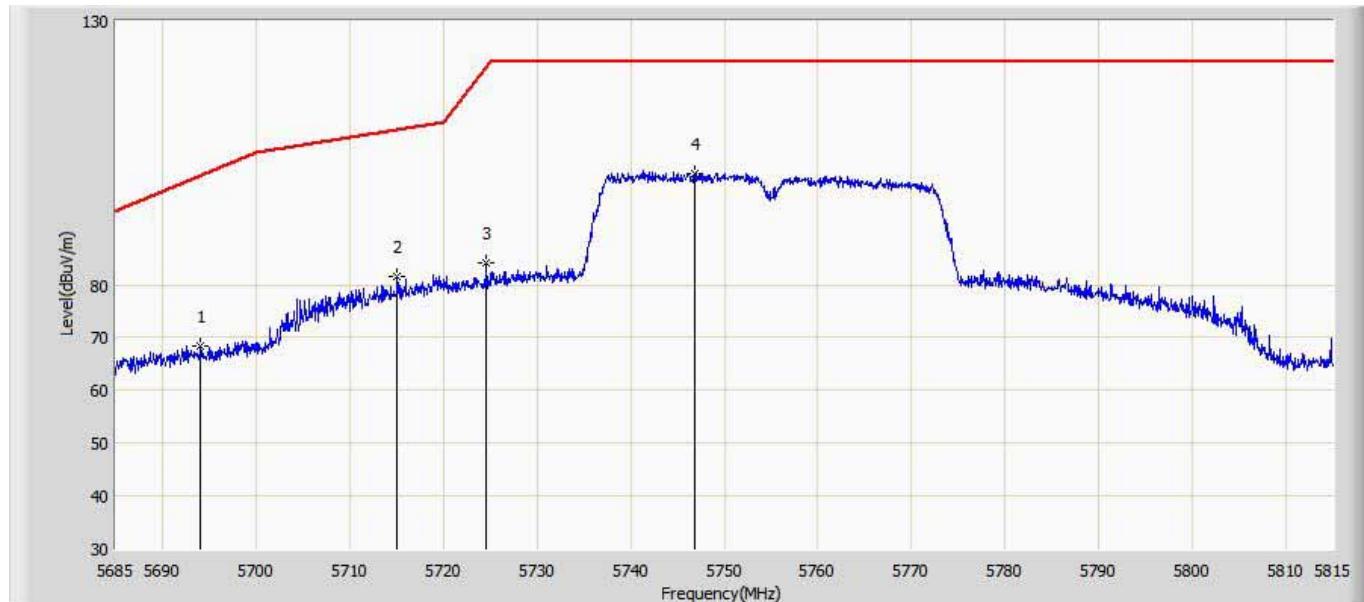
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.837	23.172	-14.163	74.000	36.665	PK
2	*	5191.185	98.998	62.441	N/A	N/A	36.557	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 10:08
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5755MHz by 802.11n40	



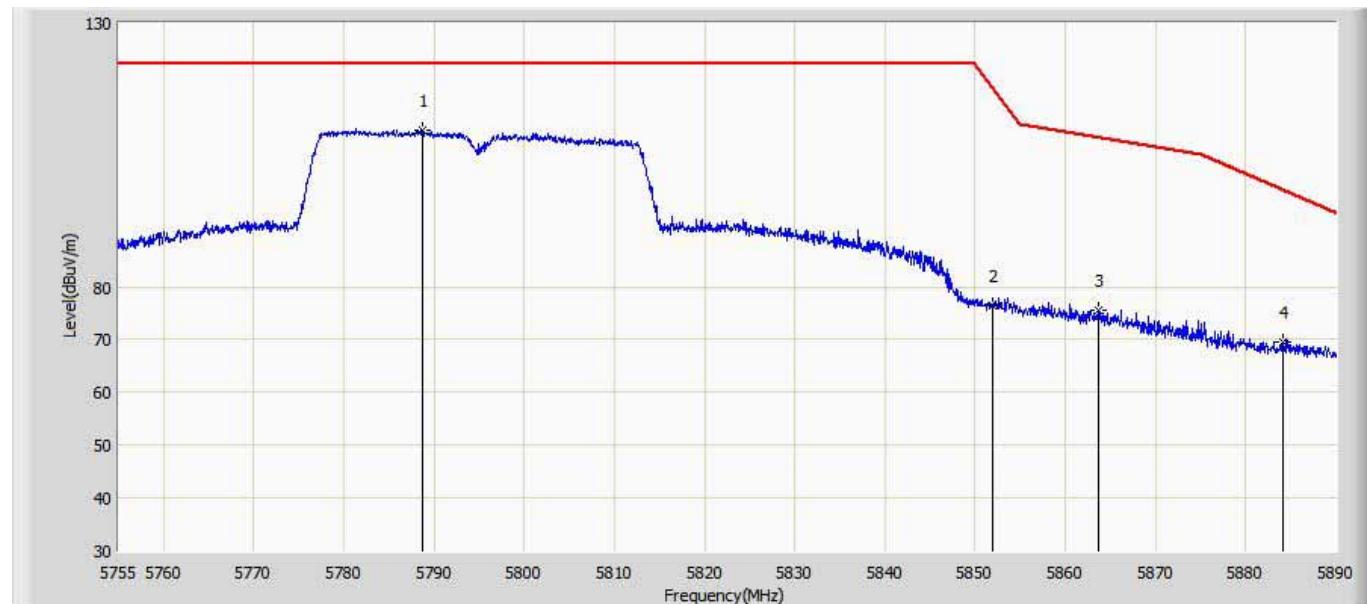
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.530	78.223	40.171	-23.682	101.905	38.052	PK
2		5710.220	89.490	51.309	-18.574	108.064	38.181	PK
3		5724.845	91.494	53.300	-30.353	121.847	38.194	PK
4	*	5757.345	110.537	72.562	-11.663	122.200	37.975	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 10:13
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5755MHz by 802.11n40	



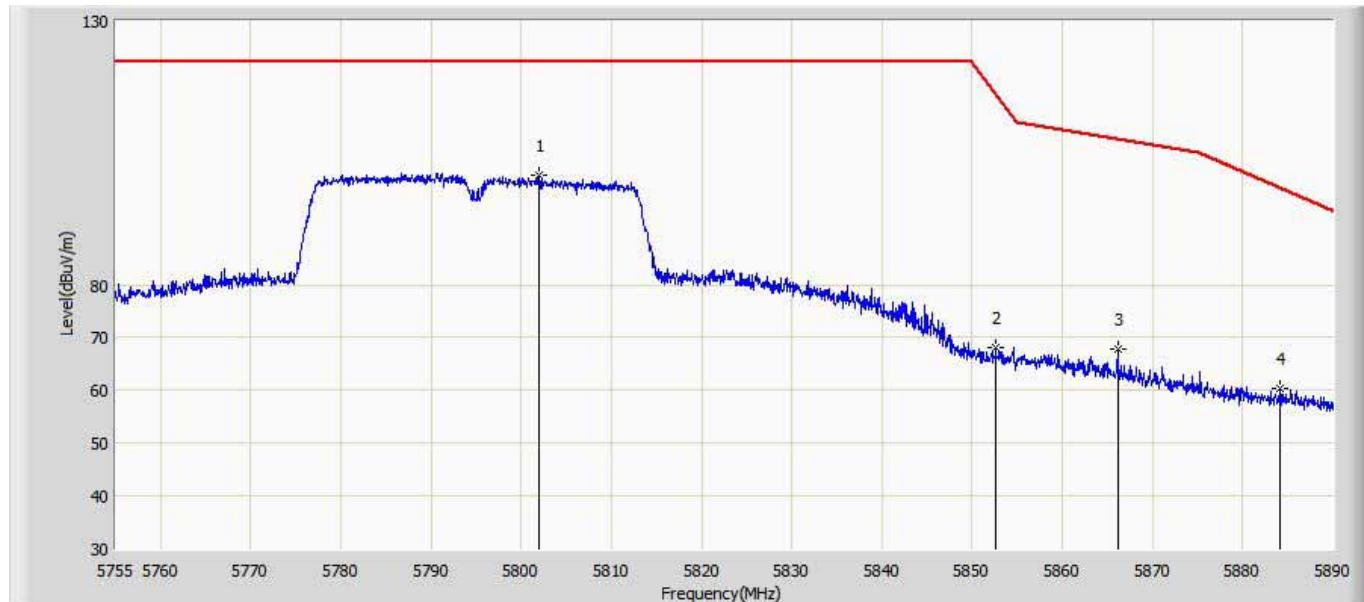
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5694.035	68.259	30.221	-32.544	100.803	38.038	PK
2		5715.030	81.540	43.355	-27.870	109.410	38.185	PK
3		5724.585	84.287	46.093	-36.967	121.254	38.194	PK
4	*	5746.880	101.036	63.014	-21.164	122.200	38.022	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:17
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5795MHz by 802.11n40	



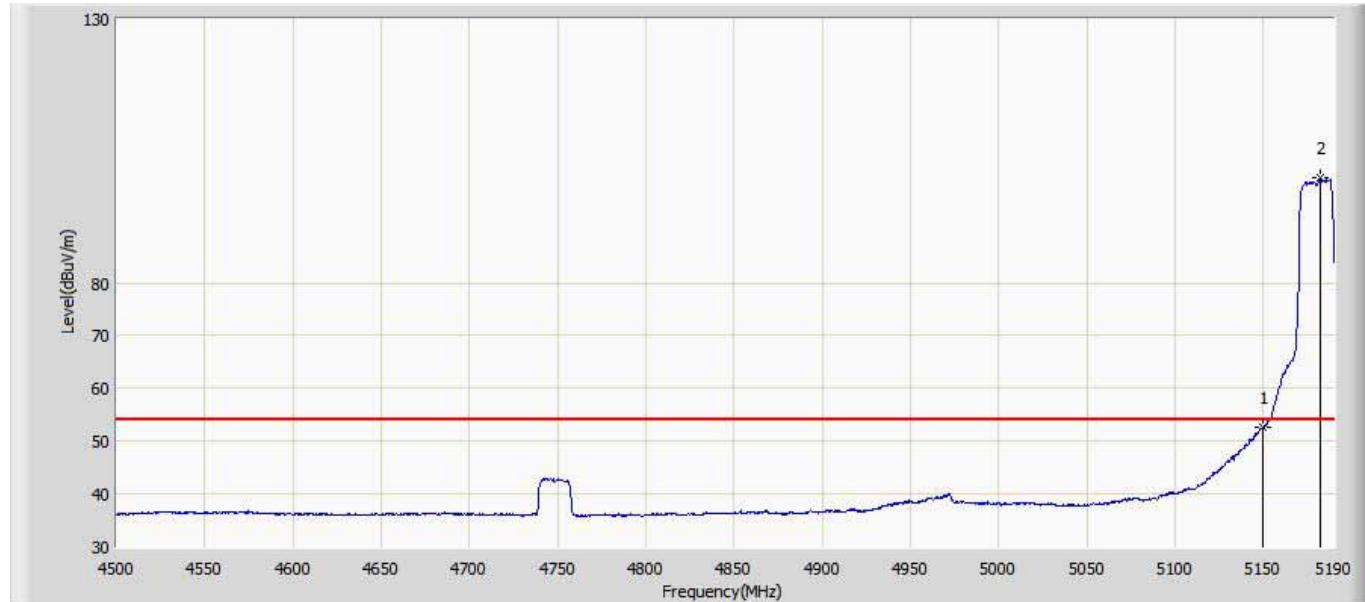
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5788.750	109.680	71.602	-12.520	122.200	38.078	PK
2		5851.930	76.543	38.589	-41.255	117.798	37.954	PK
3		5863.607	75.585	37.627	-32.803	108.388	37.958	PK
4		5884.060	69.621	31.677	-28.851	98.472	37.944	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:31
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5795MHz by 802.11n40	



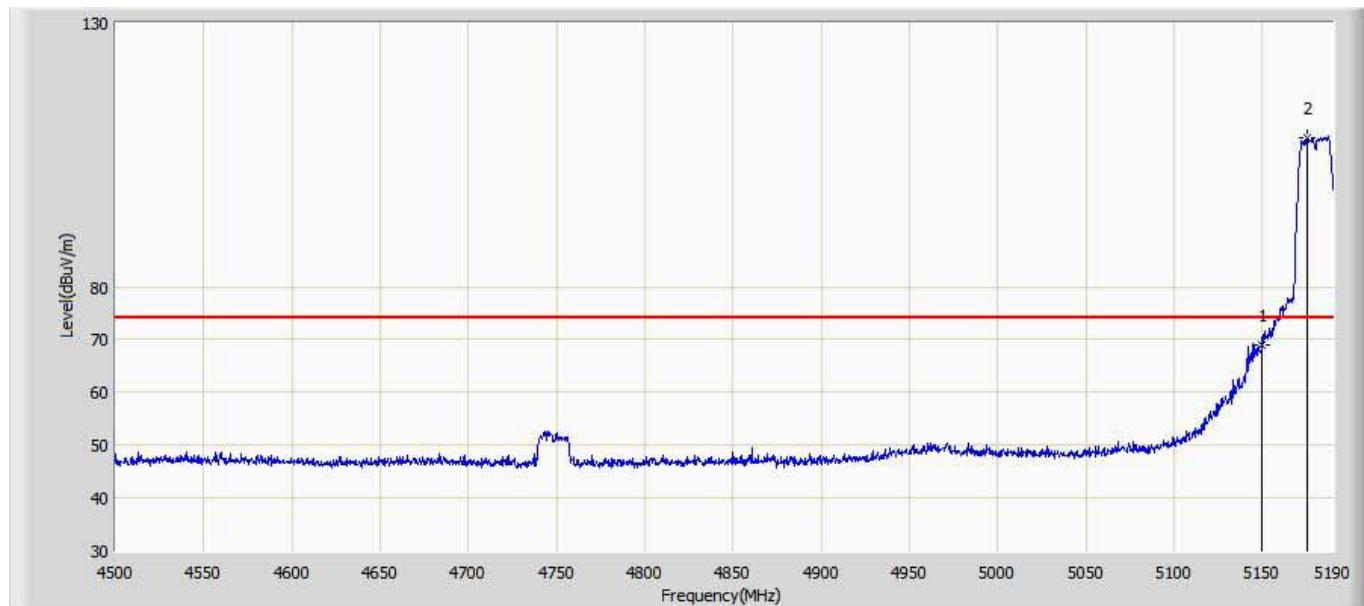
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5801.913	100.647	62.624	-21.553	122.200	38.023	PK
2		5852.605	68.061	30.106	-48.199	116.259	37.955	PK
3		5866.105	67.891	29.940	-39.798	107.688	37.951	PK
4		5884.060	60.335	22.391	-38.137	98.472	37.944	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:34
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 5180MHz by 802.11ac20	



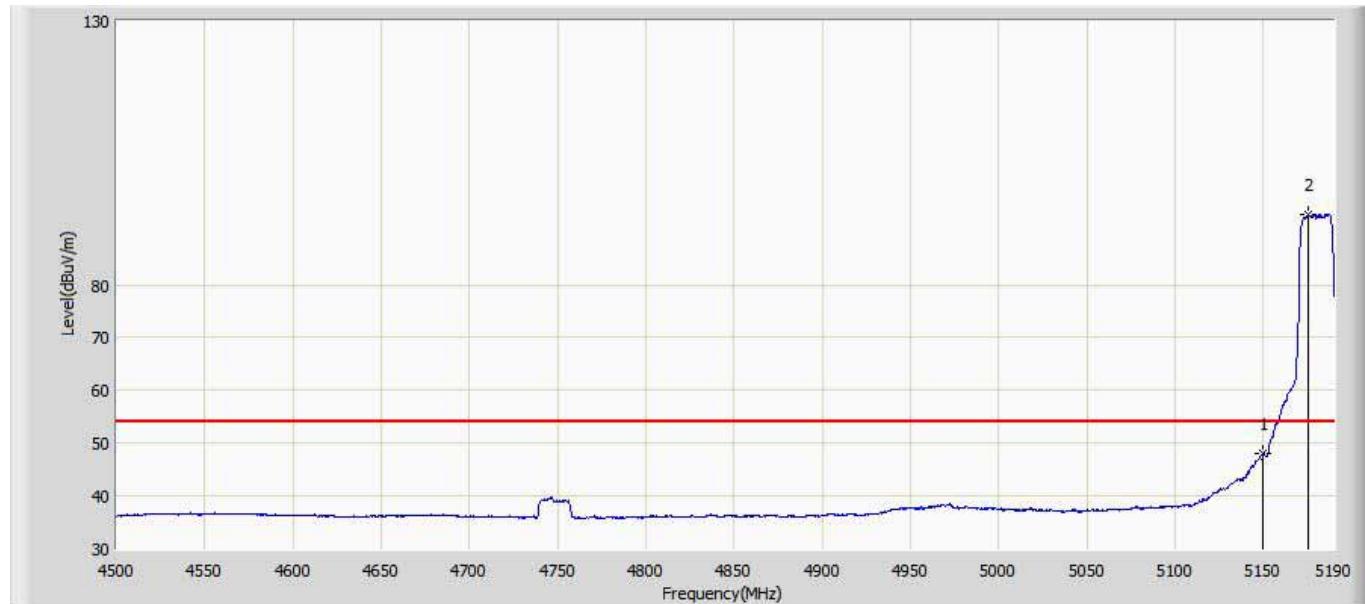
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.512	15.847	-1.488	54.000	36.665	AV
2	*	5182.065	99.782	63.213	N/A	N/A	36.569	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:39
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 5180MHz by 802.11ac20	



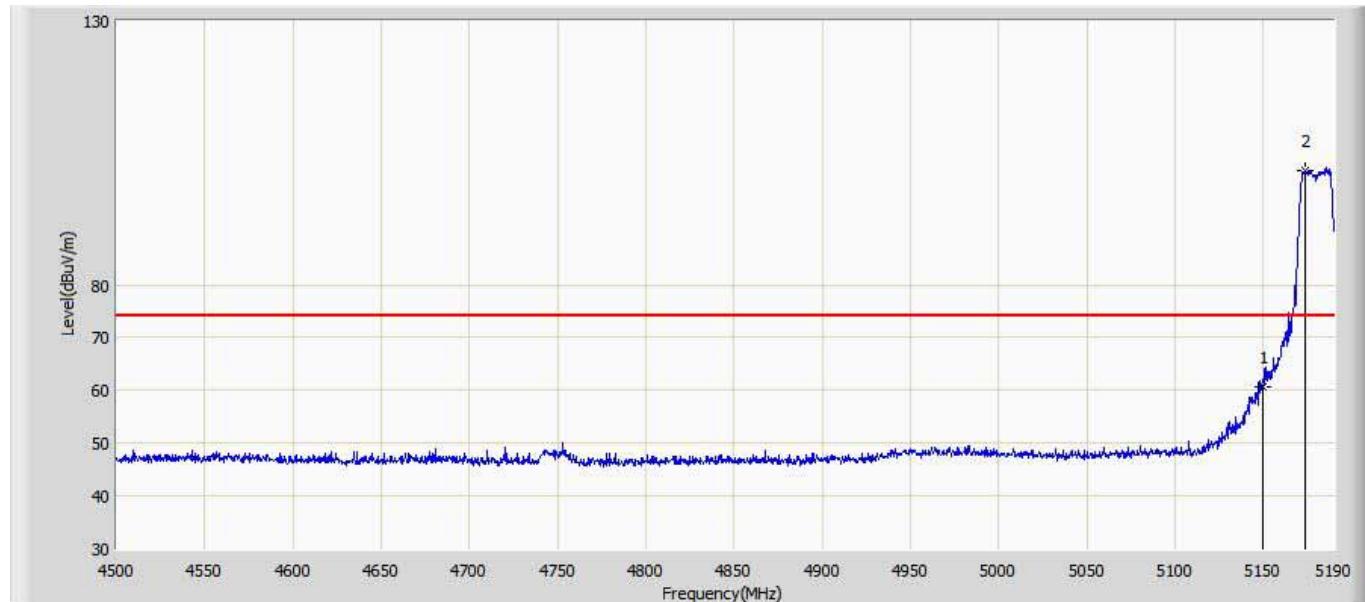
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.902	32.237	-5.098	74.000	36.665	PK
2	*	5175.510	108.164	71.533	N/A	N/A	36.631	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:46
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 4:Transmit at 5180MHz by 802.11ac20	



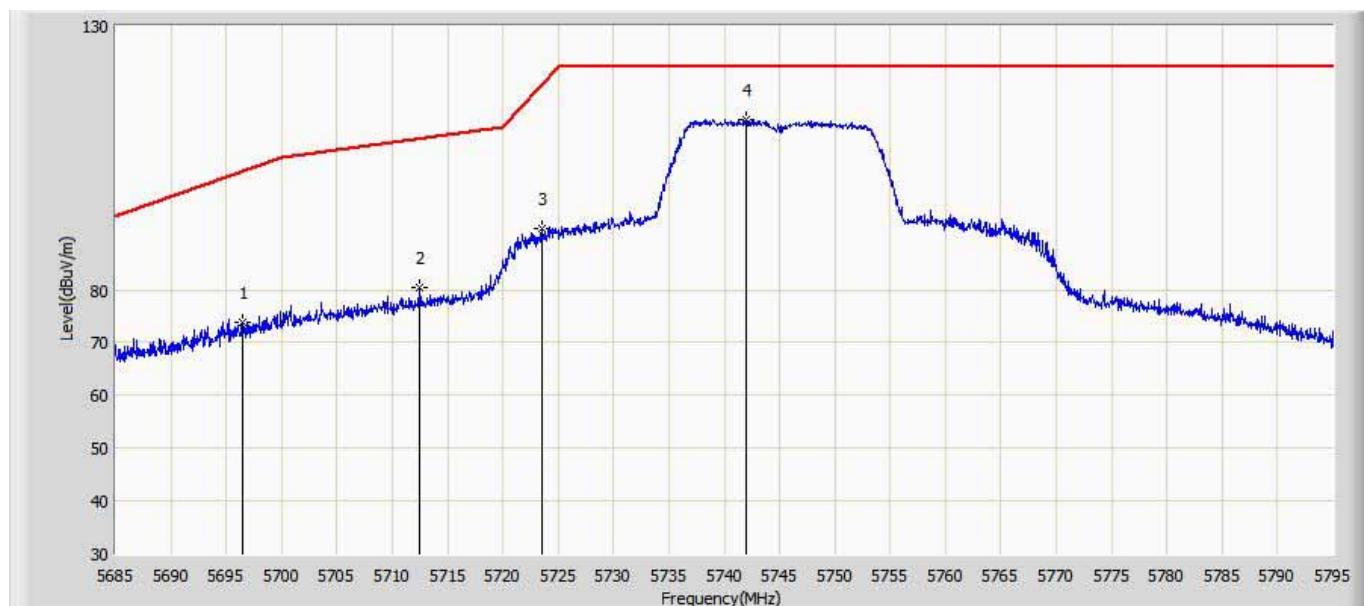
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.058	11.393	-5.942	54.000	36.665	AV
2	*	5175.510	93.232	56.601	N/A	N/A	36.631	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:48
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 4:Transmit at 5180MHz by 802.11ac20	



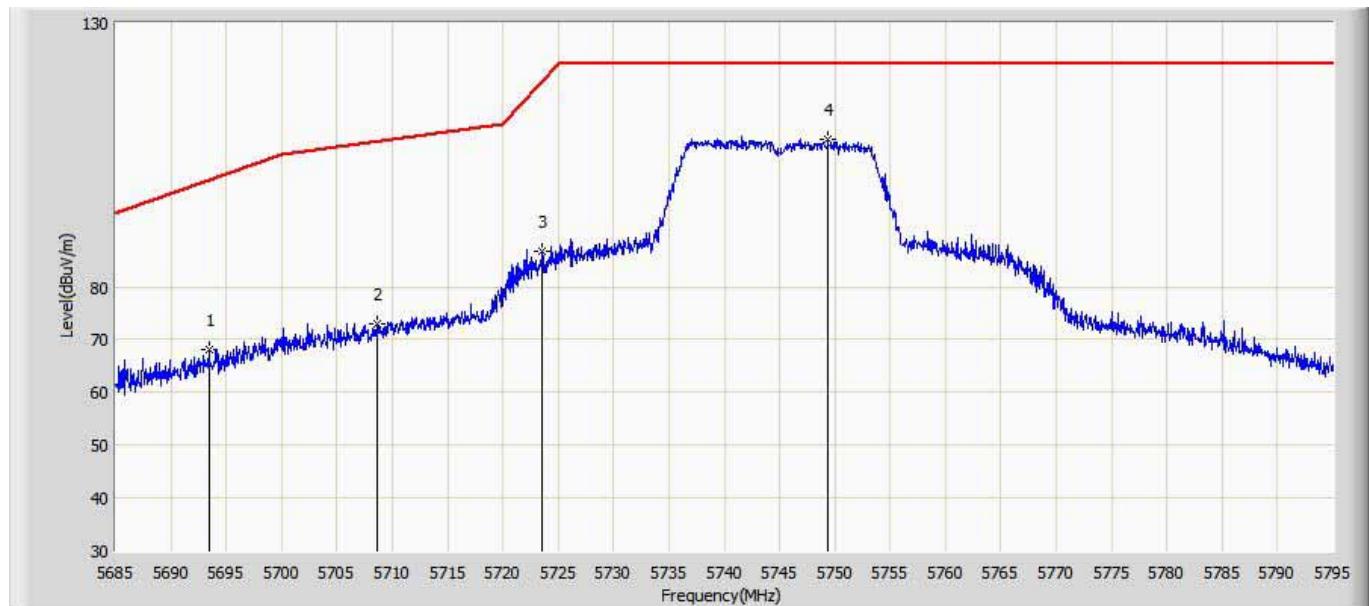
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.764	24.099	-13.236	74.000	36.665	PK
2	*	5174.130	101.759	65.115	N/A	N/A	36.644	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:11
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5745MHz by 802.11ac20	



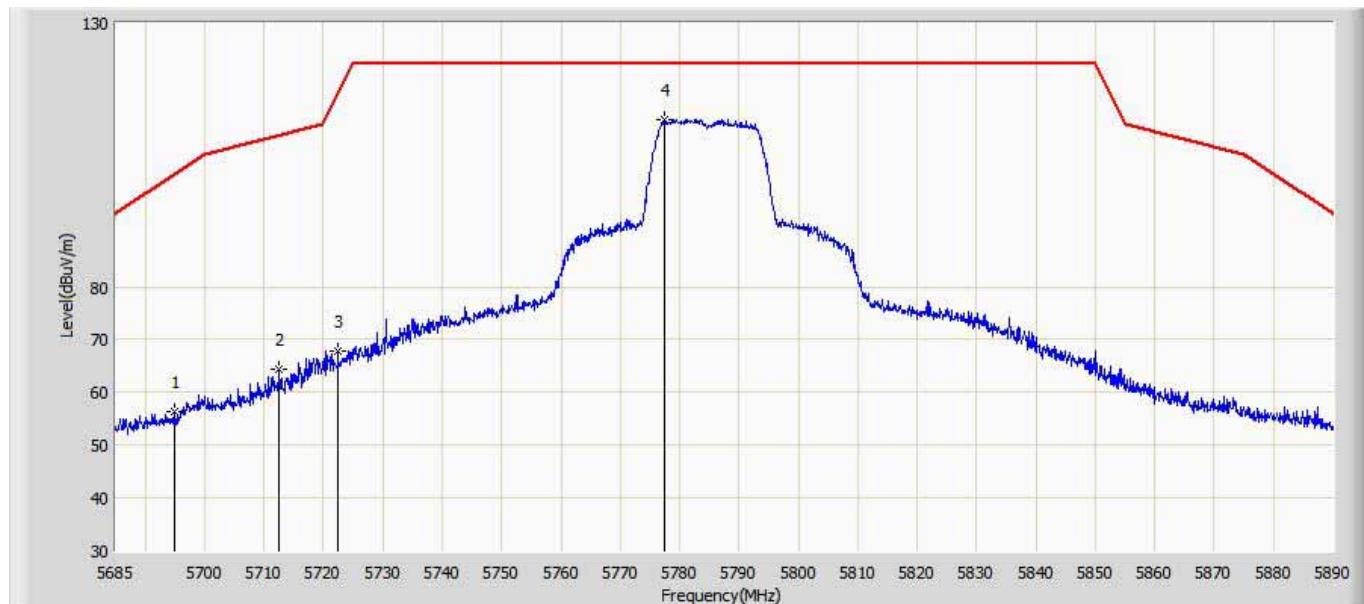
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.440	73.706	35.645	-28.870	102.576	38.061	PK
2		5712.500	80.557	42.374	-28.145	108.702	38.183	PK
3		5723.500	91.486	53.293	-27.295	118.781	38.193	PK
4	*	5742.035	112.203	74.154	-9.997	122.200	38.049	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:13
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5745MHz by 802.11ac20	



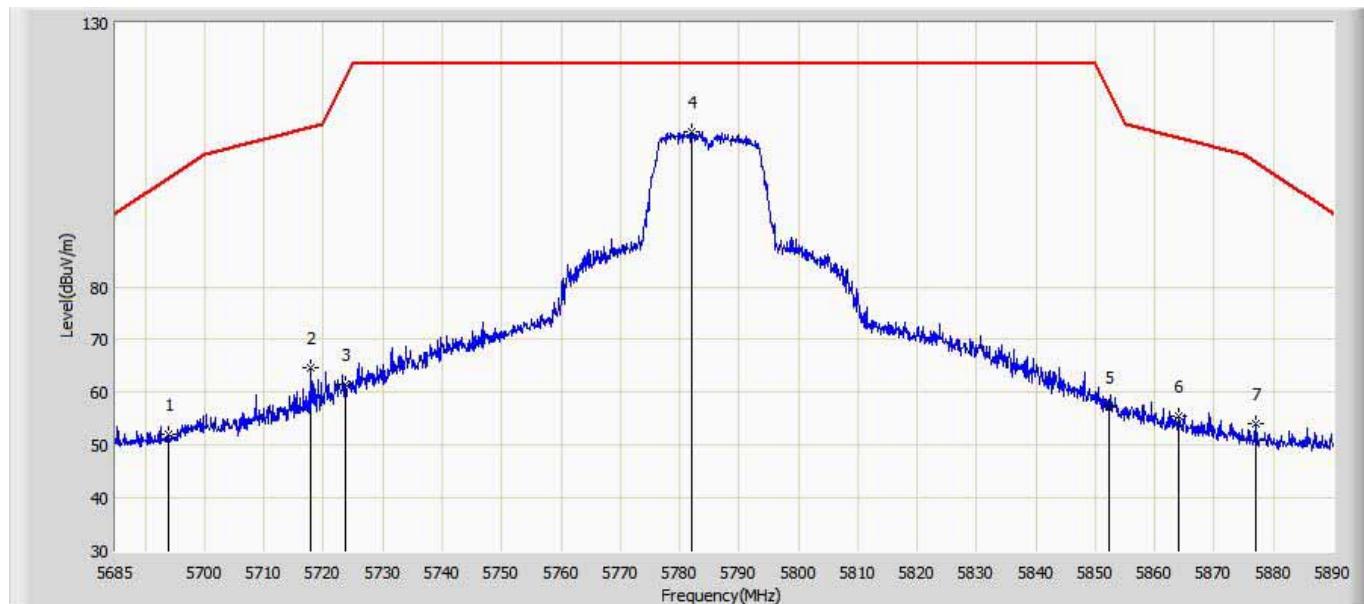
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.415	68.068	30.036	-32.277	100.346	38.032	PK
2		5708.595	73.045	34.869	-34.564	107.609	38.176	PK
3		5723.555	86.816	48.623	-32.091	118.906	38.193	PK
4	*	5749.350	107.838	69.827	-14.362	122.200	38.011	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:17
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5785MHz by 802.11ac20	



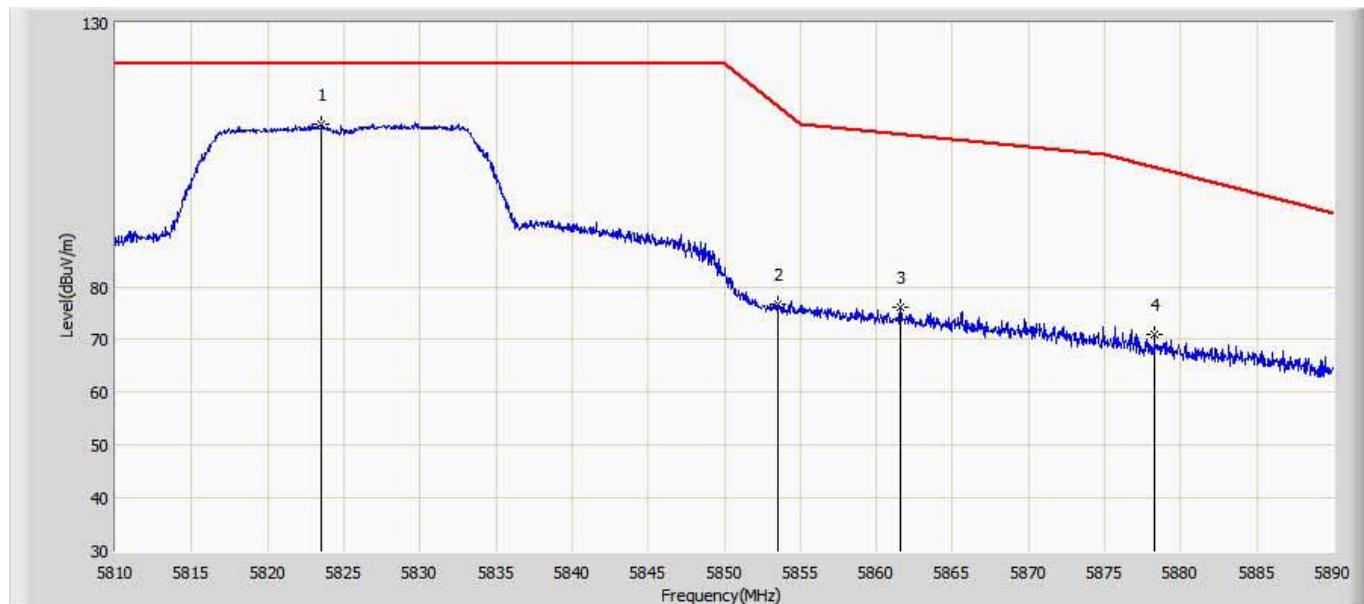
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.045	56.328	18.280	-45.220	101.548	38.048	PK
2		5712.572	64.241	26.058	-44.481	108.722	38.183	PK
3		5722.413	67.789	29.597	-48.514	116.303	38.192	PK
4	*	5777.455	111.613	73.507	-10.587	122.200	38.106	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:21
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5785MHz by 802.11ac20	



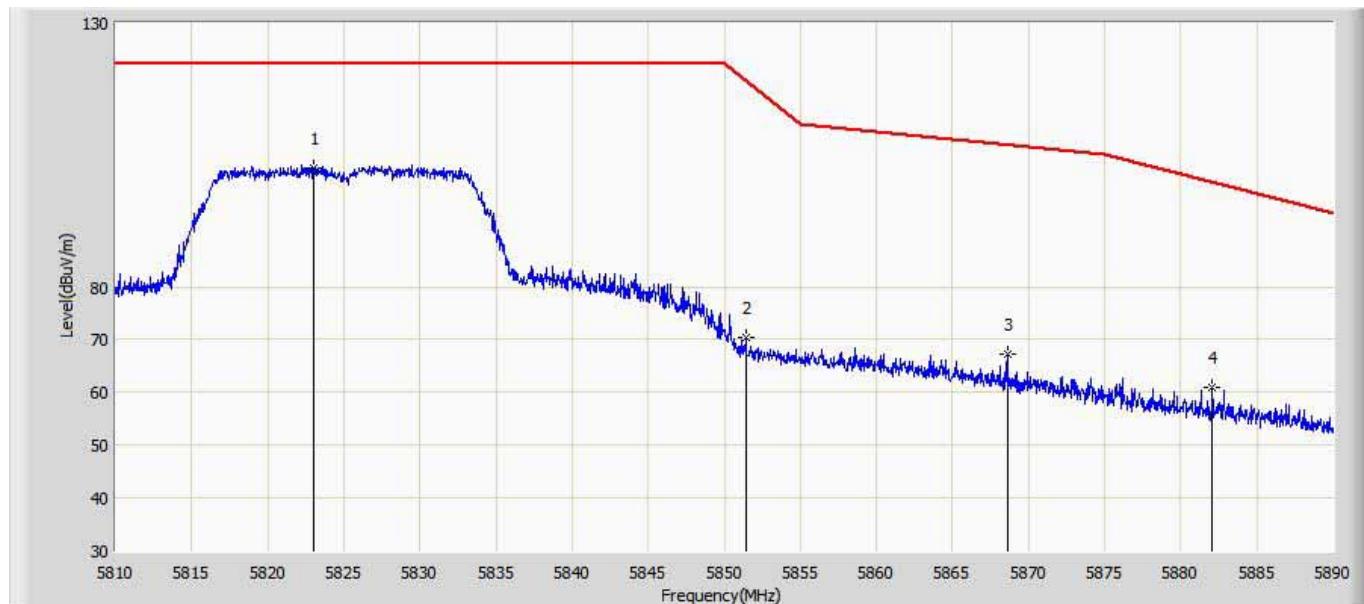
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.815	52.199	14.163	-48.442	100.641	38.036	PK
2		5717.902	64.678	26.490	-45.536	110.213	38.188	PK
3		5723.745	61.648	23.455	-57.692	119.340	38.193	PK
4	*	5781.965	109.425	71.330	-12.775	122.200	38.095	PK
5		5852.382	57.276	19.321	-59.492	116.768	37.955	PK
6		5863.965	55.427	17.470	-52.861	108.287	37.957	PK
7		5877.085	54.207	16.287	-49.444	103.651	37.920	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:25
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5825MHz by 802.11ac20	



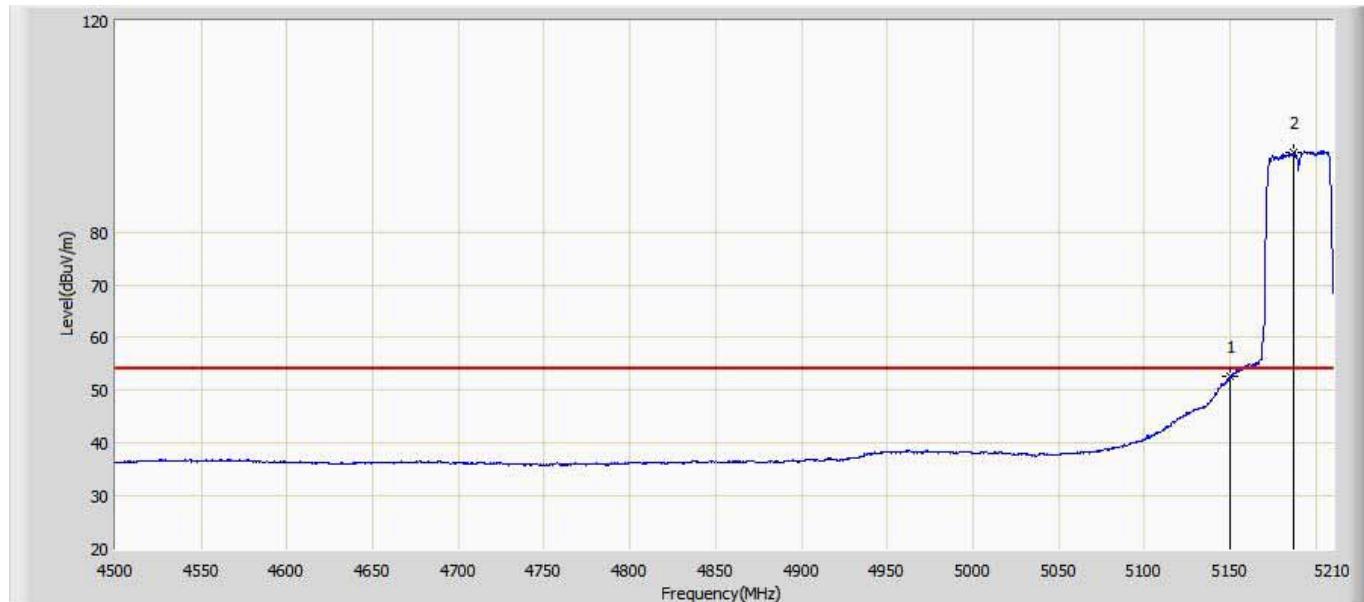
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.520	110.893	72.864	-11.307	122.200	38.029	PK
2		5853.480	76.776	38.821	-37.488	114.265	37.955	PK
3		5861.560	76.156	38.194	-32.805	108.961	37.962	PK
4		5878.280	70.931	33.014	-31.832	102.763	37.917	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:27
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5825MHz by 802.11ac20	



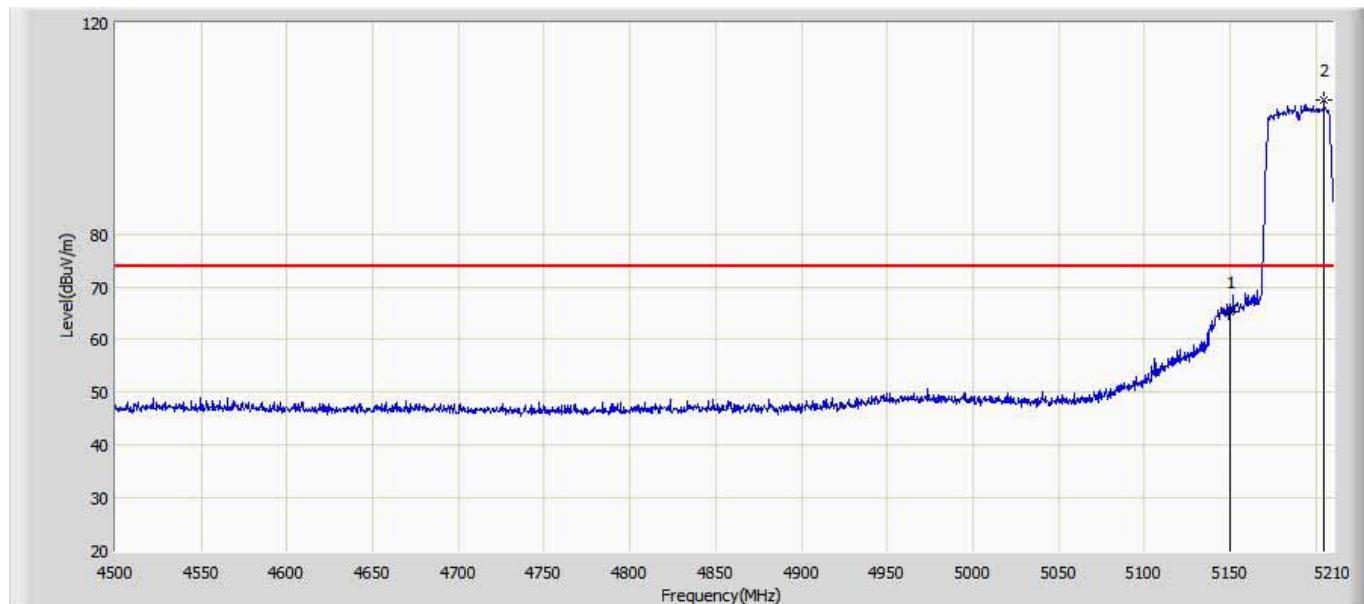
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.000	102.632	64.605	-19.568	122.200	38.027	PK
2		5851.440	70.352	32.398	-48.564	118.916	37.954	PK
3		5868.600	67.222	29.278	-39.768	106.990	37.944	PK
4		5882.080	61.016	23.083	-38.926	99.942	37.933	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 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 5:Transmit at 5190MHz by 802.11ac40	



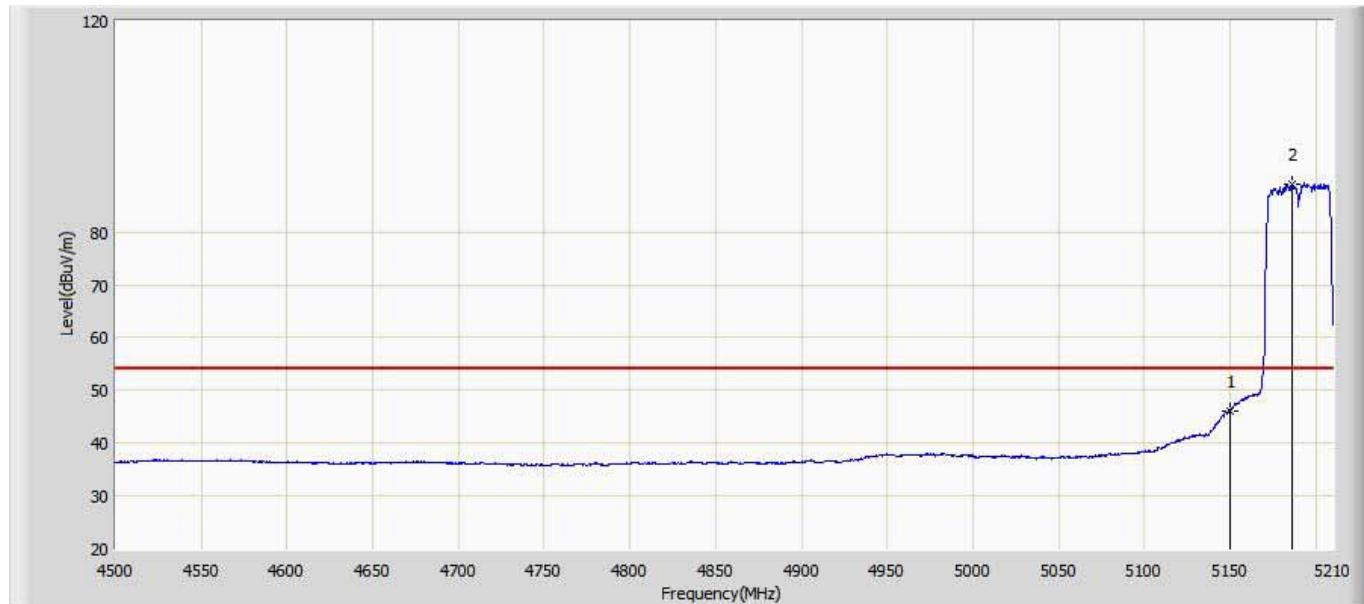
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.570	15.905	-1.430	54.000	36.665	AV
2	*	5187.280	95.030	58.468	N/A	N/A	36.562	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:33
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 5:Transmit at 5190MHz by 802.11ac40	



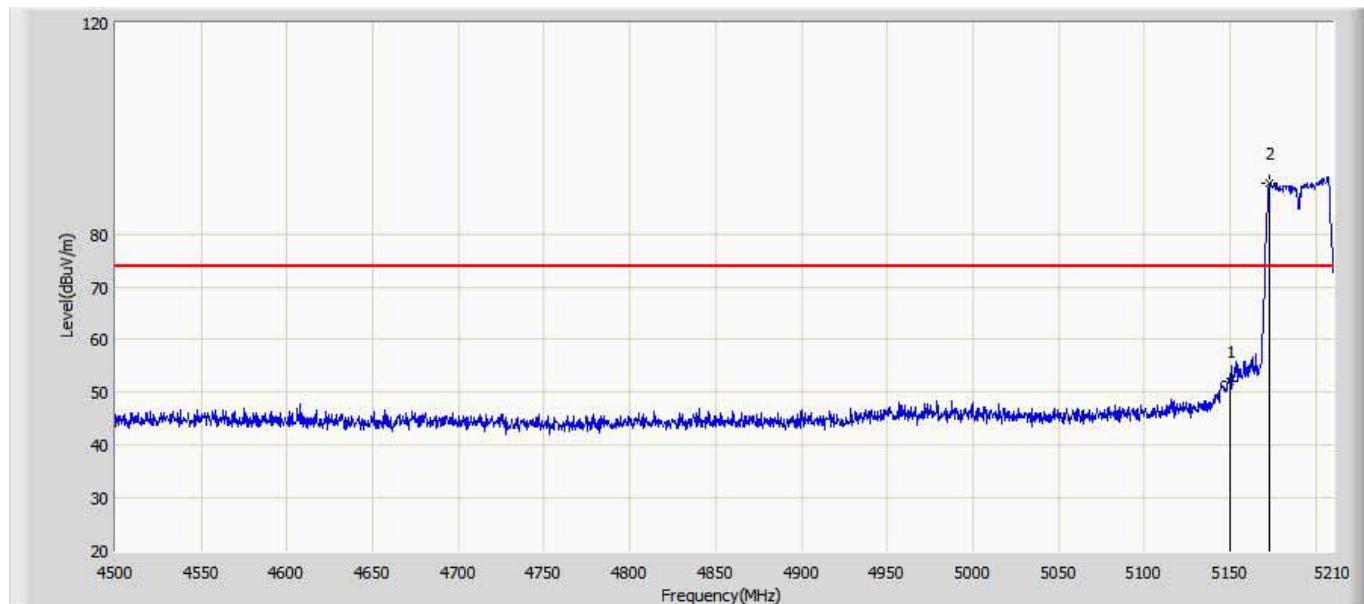
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.332	28.667	-8.668	74.000	36.665	PK
2	*	5204.675	105.362	68.752	N/A	N/A	36.610	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:35
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 5:Transmit at 5190MHz by 802.11ac40	



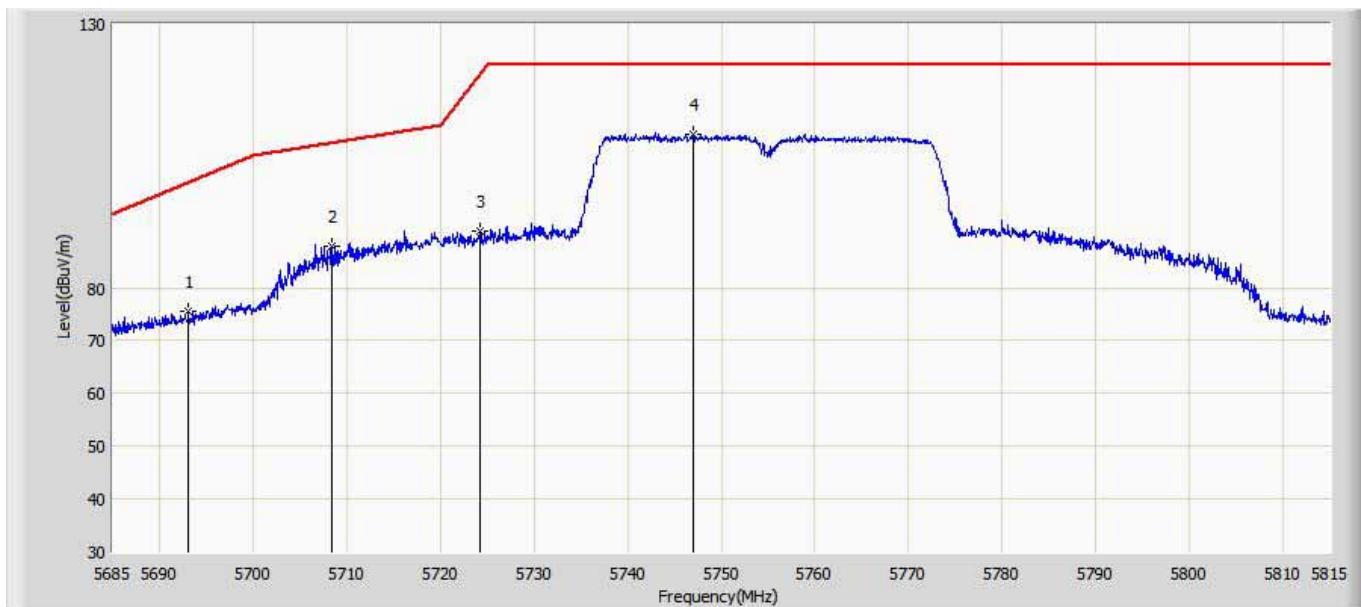
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.137	9.472	-7.863	54.000	36.665	AV
2	*	5186.570	89.159	52.596	N/A	N/A	36.563	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 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 5:Transmit at 5190MHz by 802.11ac40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.036	15.371	-21.964	74.000	36.665	PK
2	*	5172.725	89.485	52.828	N/A	N/A	36.657	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:42
Limit: FCC 407 NEW	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5755MHz by 802.11ac40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.060	75.700	37.671	-24.384	100.084	38.029	PK
2		5708.465	87.932	49.757	-19.641	107.573	38.175	PK
3		5724.195	90.735	52.542	-29.630	120.365	38.193	PK
4	*	5747.075	109.118	71.096	-13.082	122.200	38.022	PK