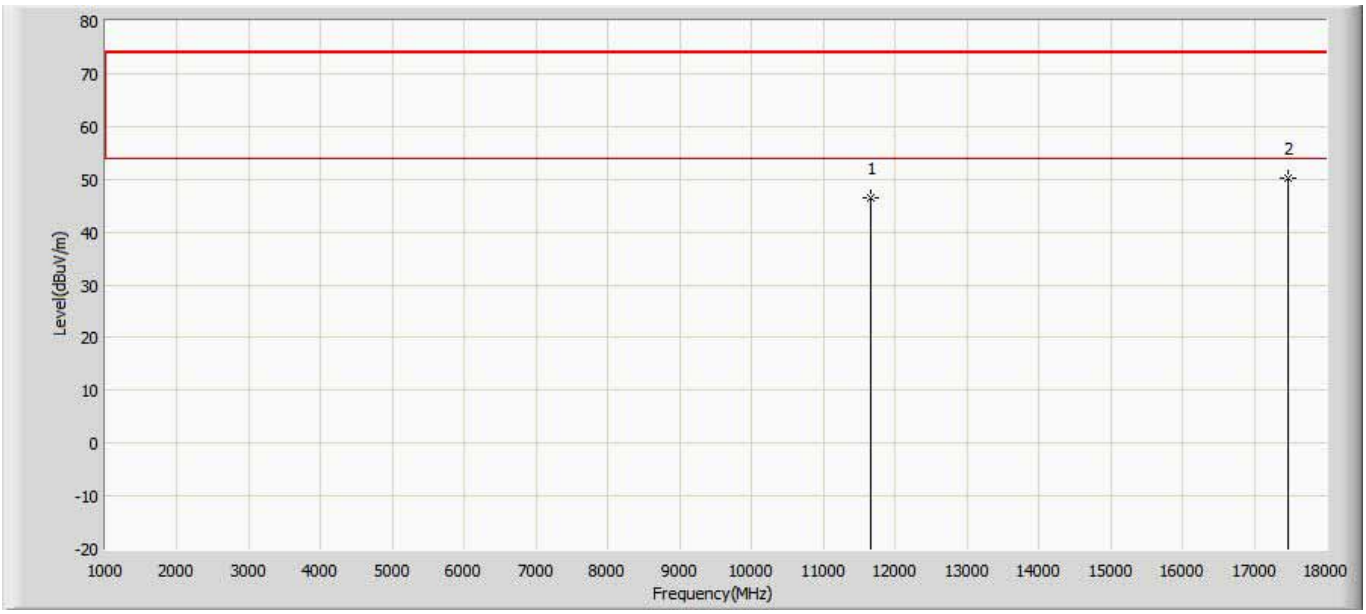
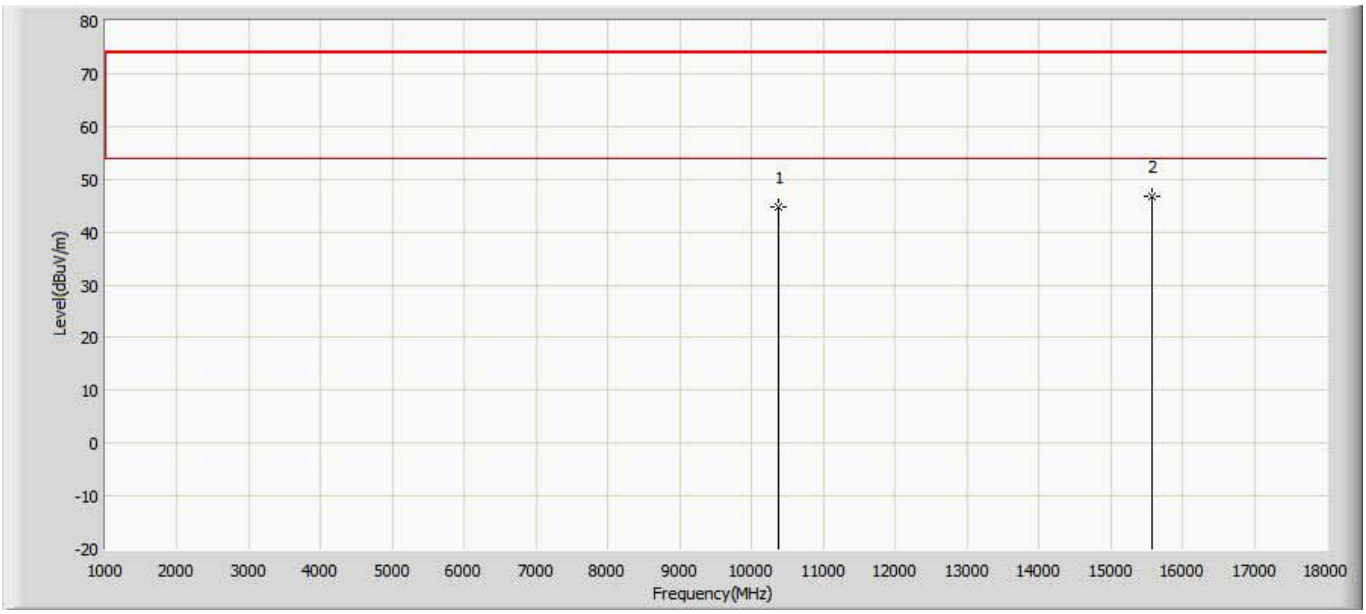
Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:14
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 15:Transmit at 5825MHz by 802.11ac20	



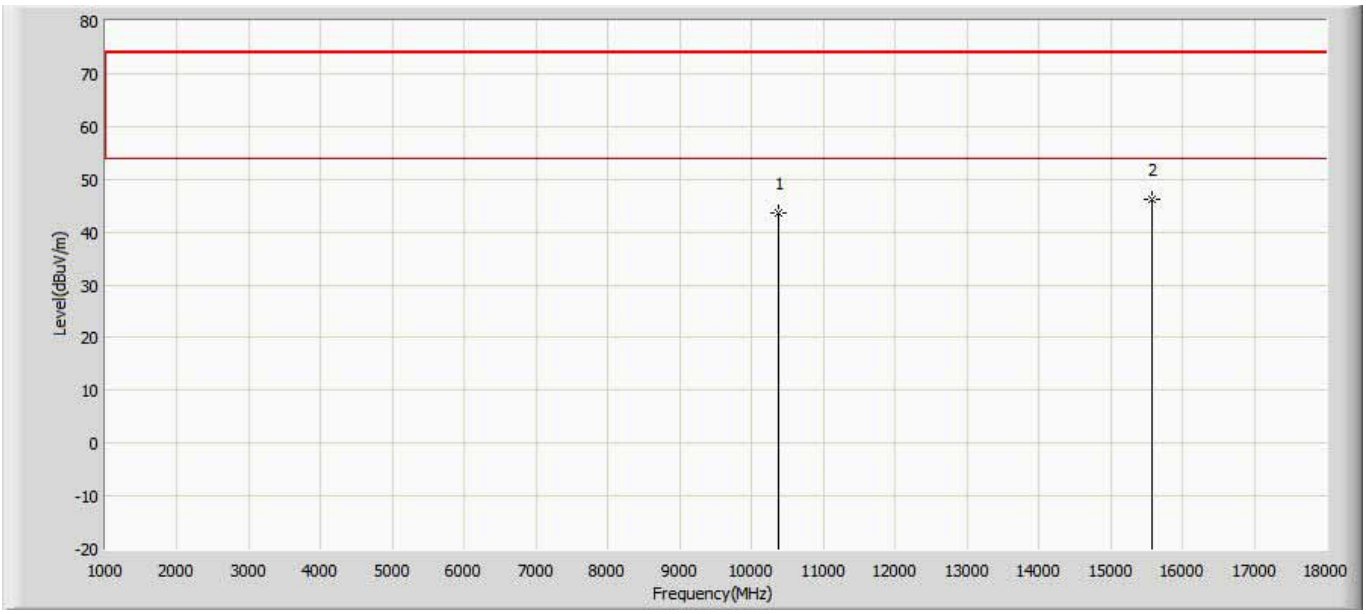
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11650.000	46.507	47.497	-27.493	74.000	-0.990	PK
2	*	17475.000	50.184	44.884	-23.816	74.000	5.300	PK

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	



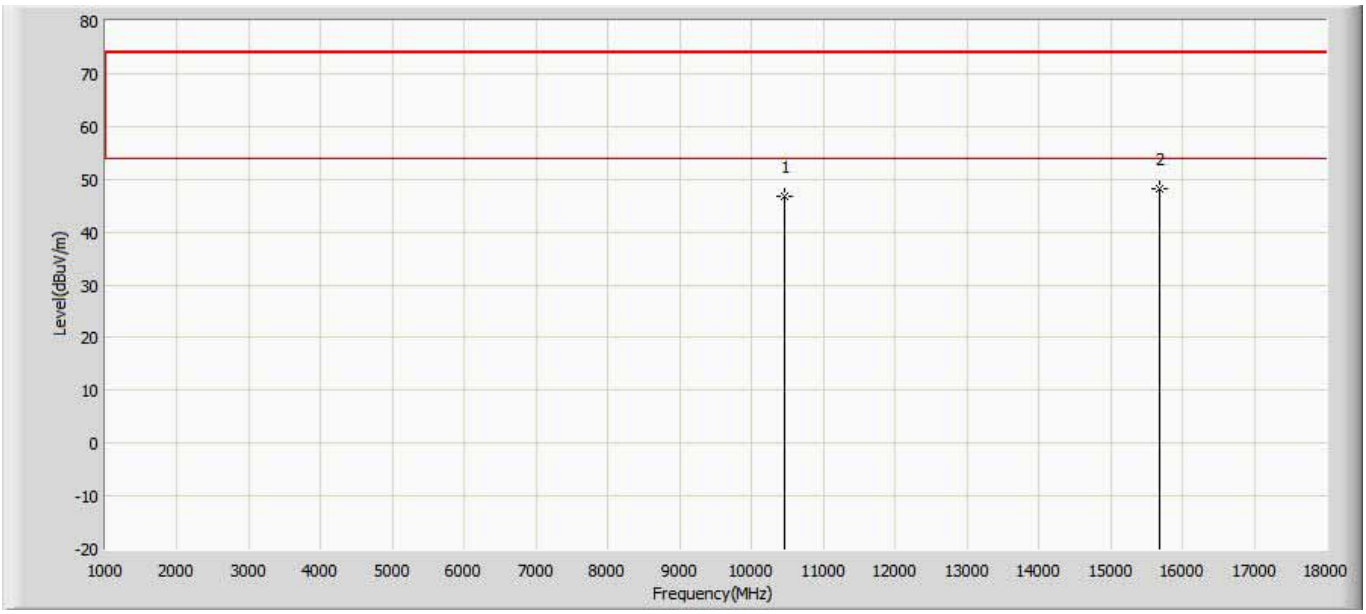
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	44.695	45.115	-29.305	74.000	-0.420	PK
2	*	15570.000	46.896	44.516	-27.104	74.000	2.380	PK

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	



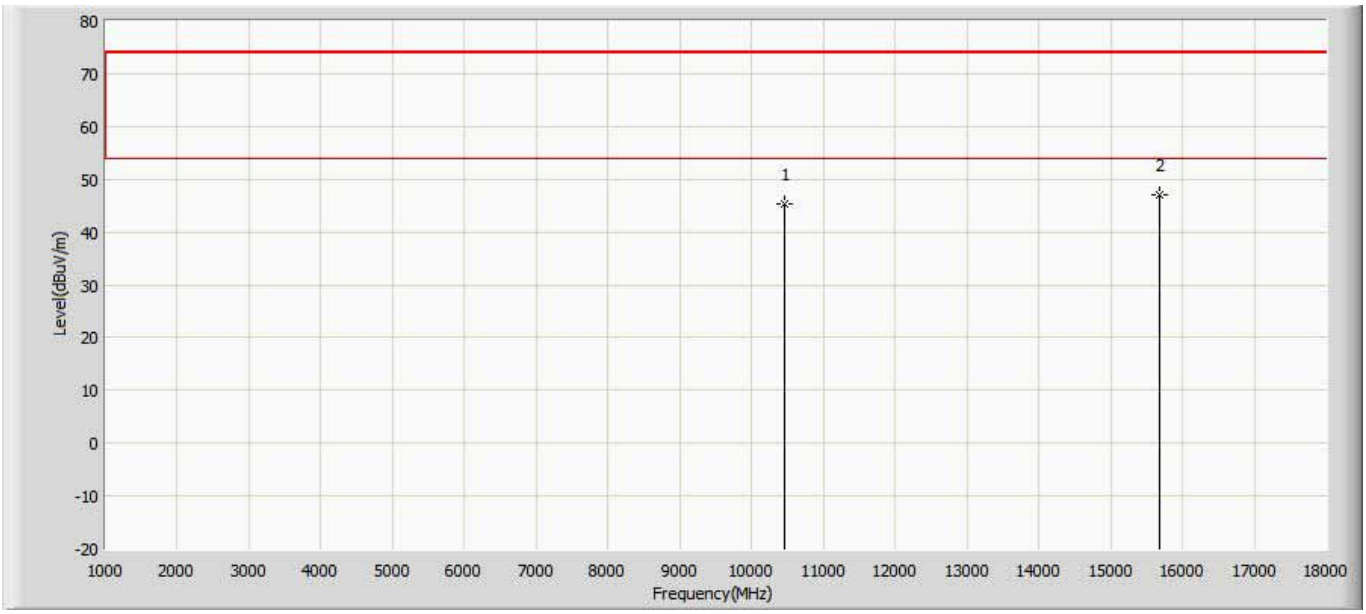
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10380.000	43.614	44.034	-30.386	74.000	-0.420	PK
2	*	15570.000	46.252	43.872	-27.748	74.000	2.380	PK

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	



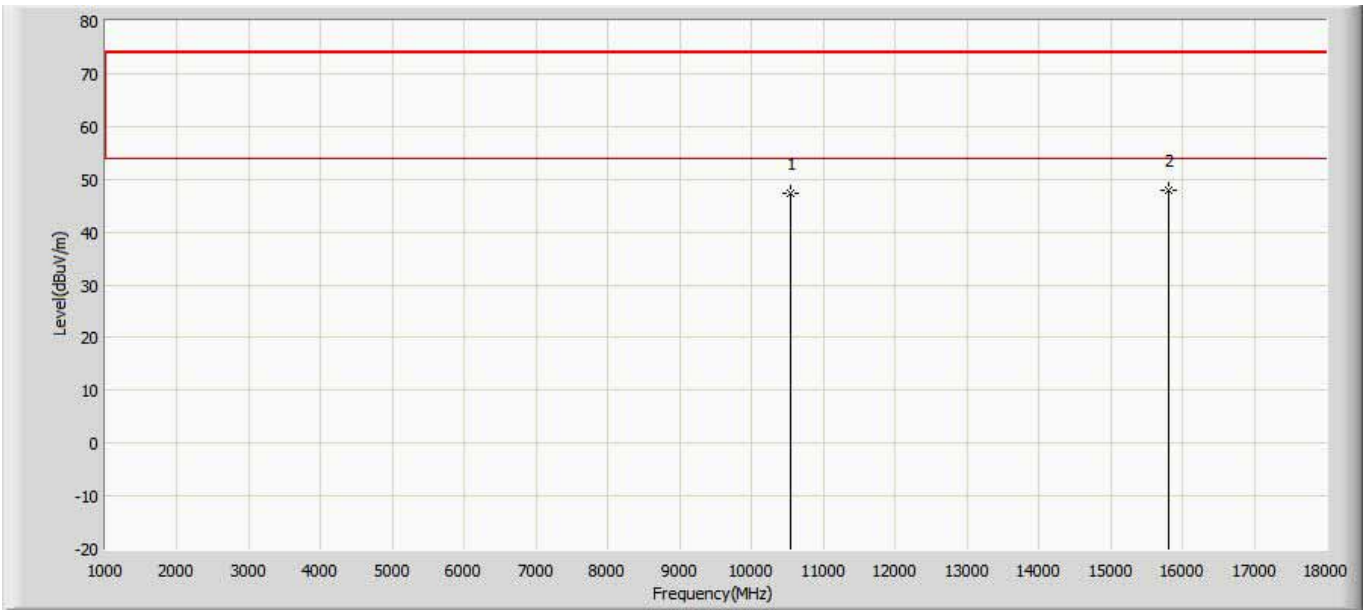
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	46.654	47.074	-27.346	74.000	-0.420	PK
2	*	15690.000	48.174	43.784	-25.826	74.000	4.390	PK

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	



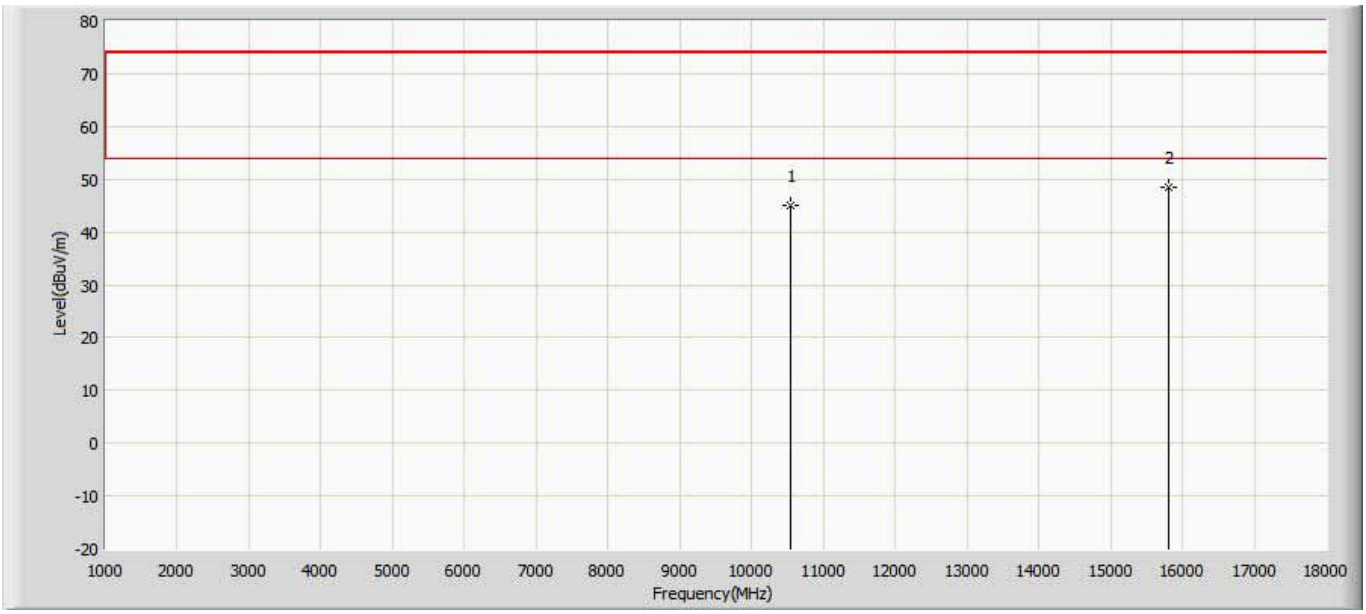
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10460.000	45.314	45.734	-28.686	74.000	-0.420	PK
2	*	15690.000	47.141	42.751	-26.859	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:15
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 5270MHz by 802.11ac40	



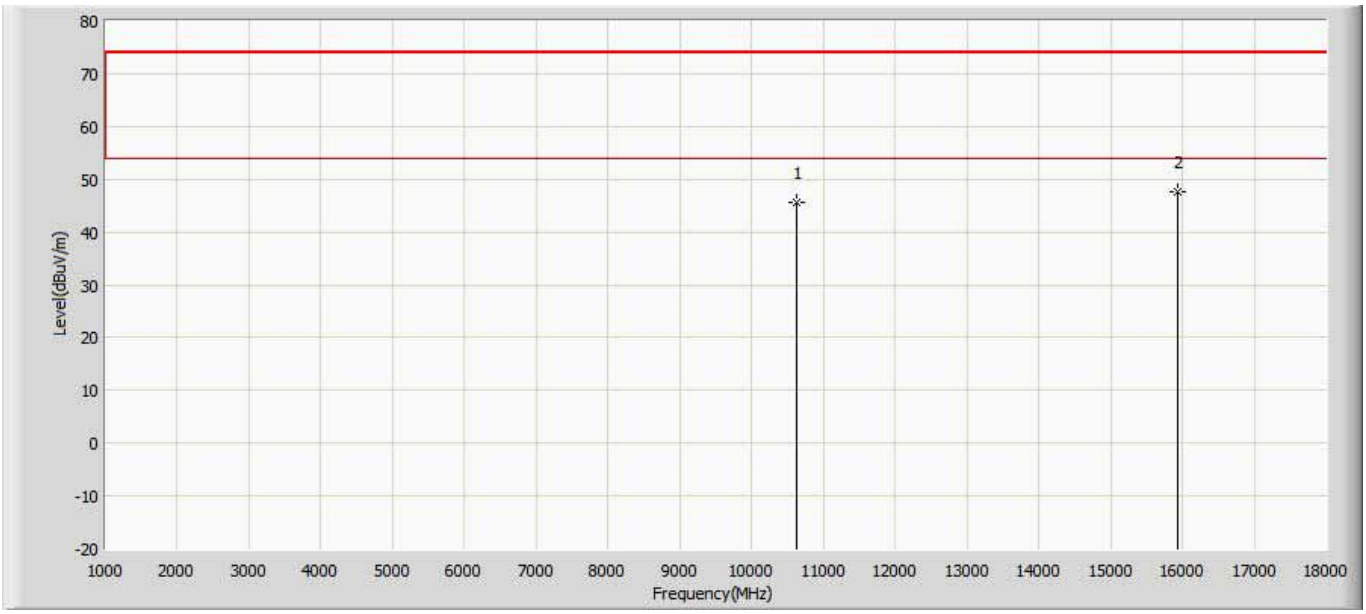
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	47.336	47.756	-26.664	74.000	-0.420	PK
2	*	15810.000	47.977	43.587	-26.023	74.000	4.390	PK

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 5270MHz by 802.11ac40	



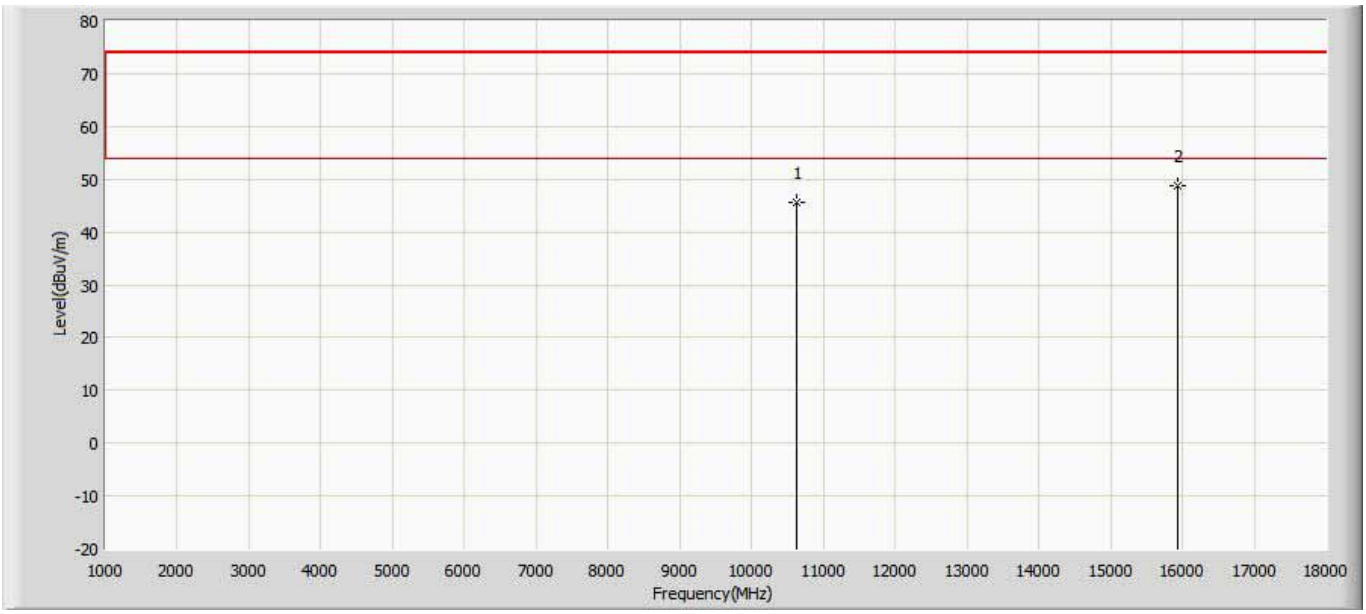
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10540.000	45.093	45.513	-28.907	74.000	-0.420	PK
2	*	15810.000	48.497	44.107	-25.503	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5310MHz by 802.11ac40	



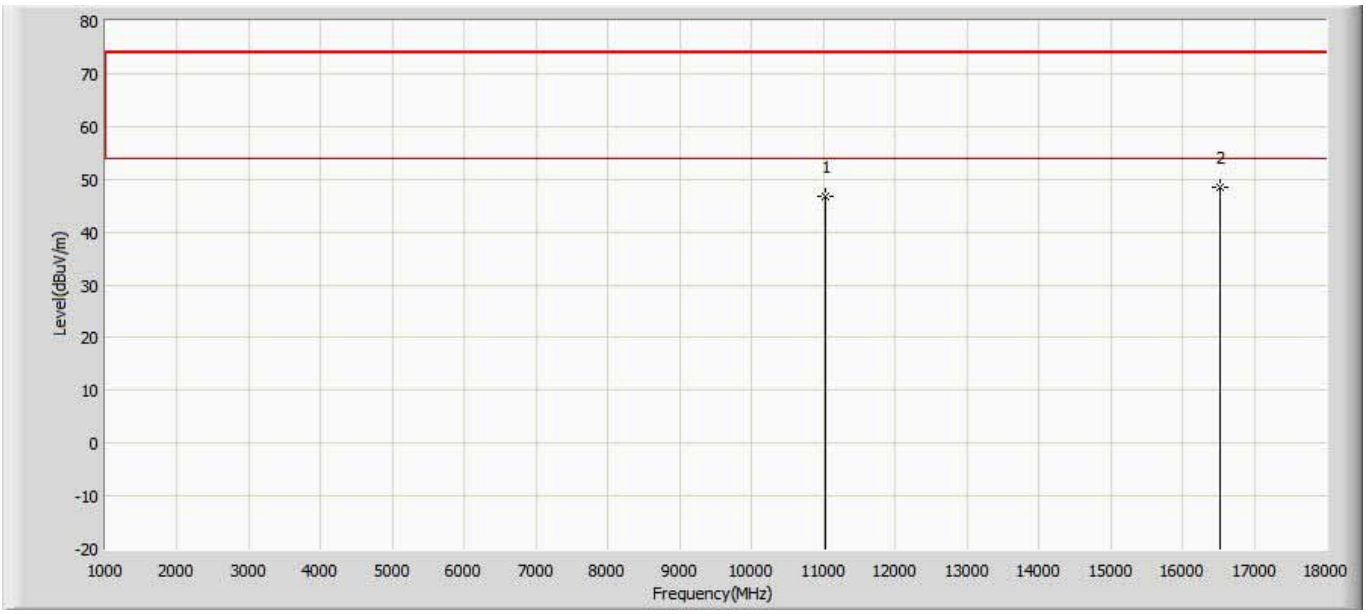
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10620.000	45.473	45.893	-28.527	74.000	-0.420	PK
2	*	15930.000	47.662	43.272	-26.338	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:16
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 5310MHz by 802.11ac40	



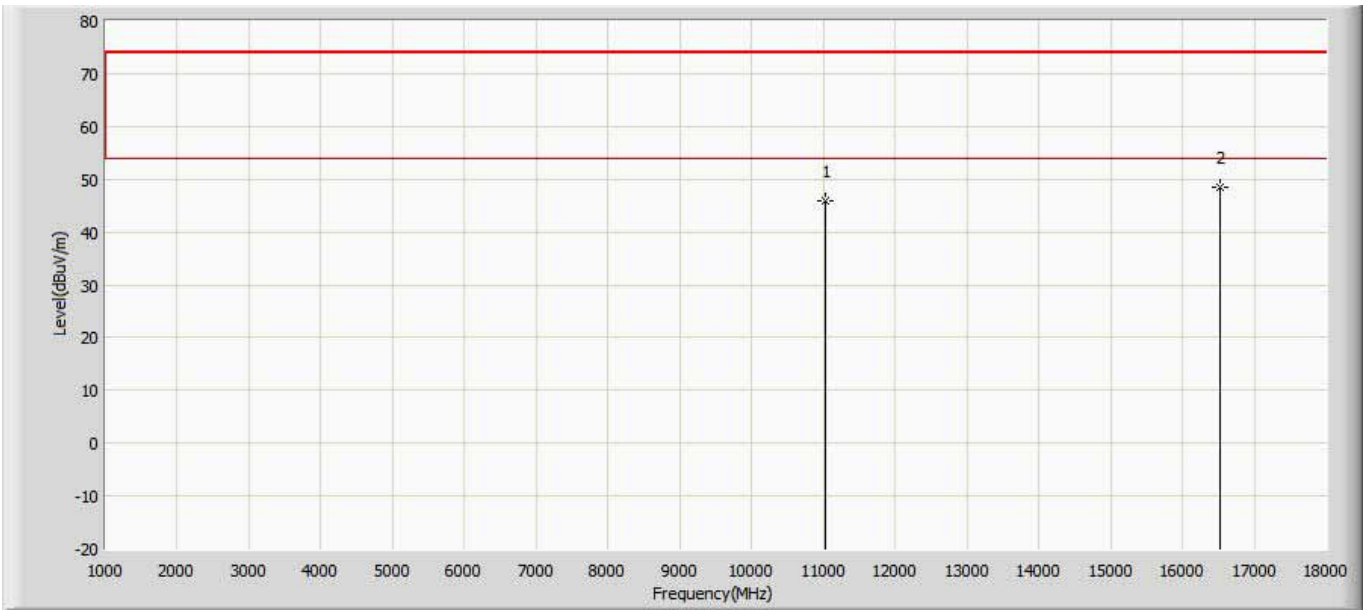
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10620.000	45.625	46.045	-28.375	74.000	-0.420	PK
2	*	15930.000	48.737	44.347	-25.263	74.000	4.390	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5510MHz by 802.11ac40	



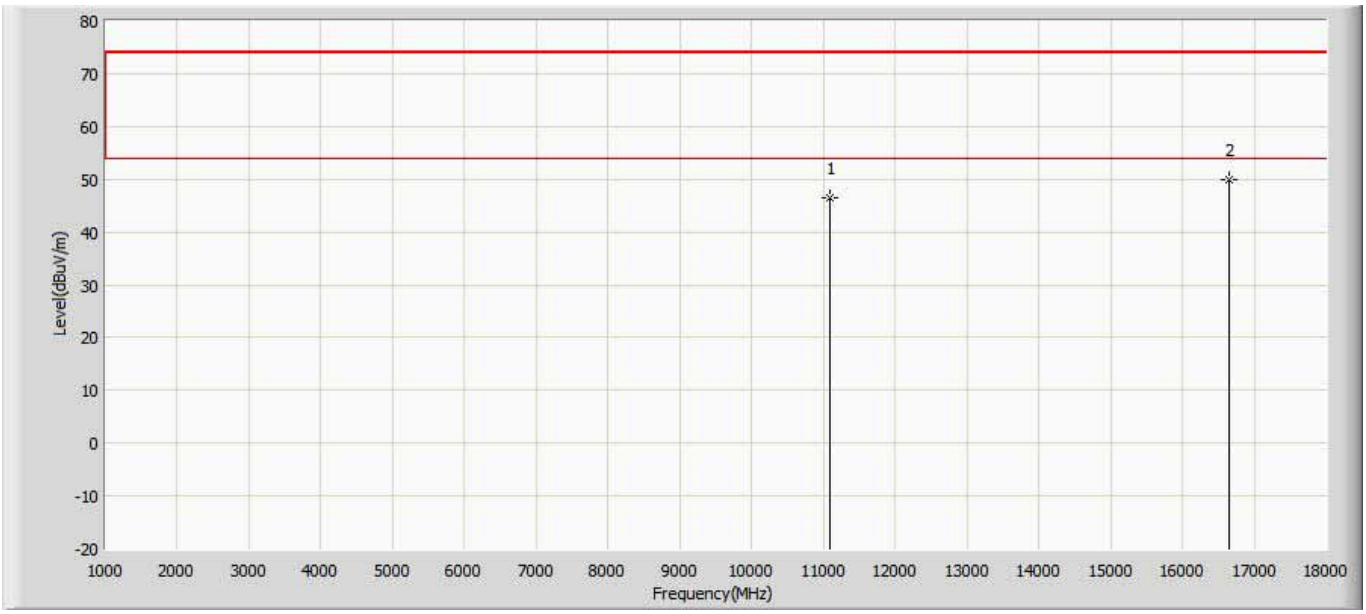
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	46.633	46.513	-27.367	74.000	0.120	PK
2	*	16530.000	48.422	43.182	-25.578	74.000	5.240	PK

Engineer: Simon	
Site: AC5	Time: 2017/11/23 - 22:16
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 5510MHz by 802.11ac40	



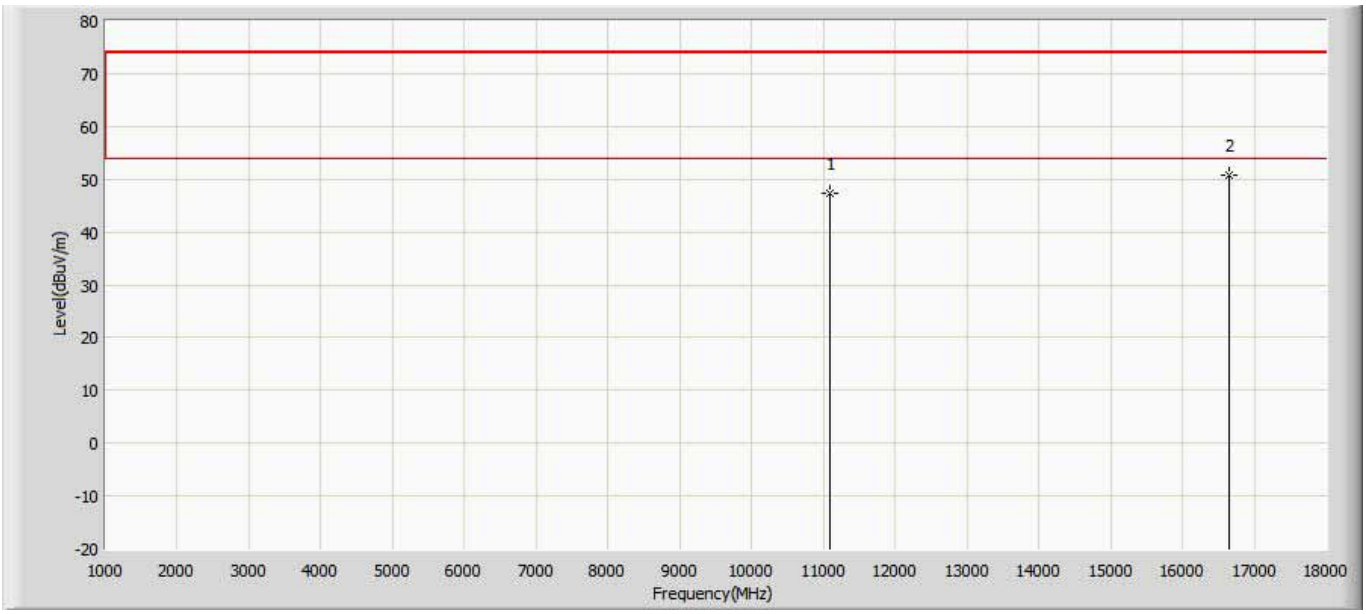
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11020.000	45.934	45.814	-28.066	74.000	0.120	PK
2	*	16530.000	48.378	43.138	-25.622	74.000	5.240	PK

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 5550MHz by 802.11ac40	



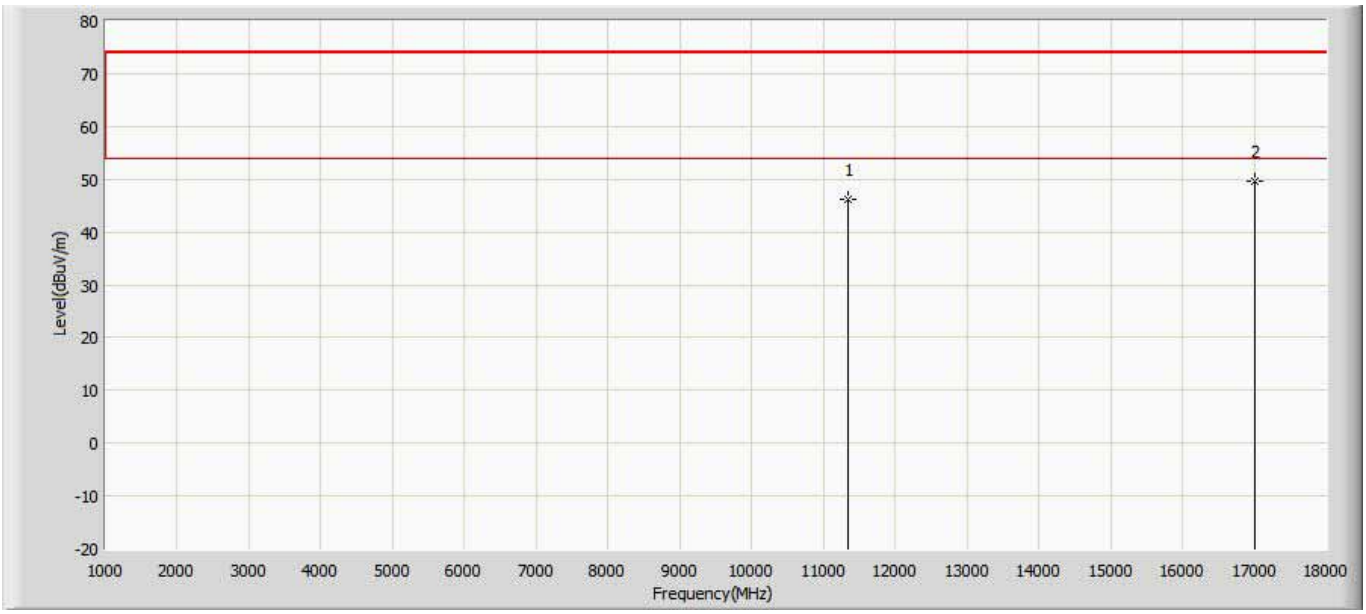
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	46.352	46.232	-27.648	74.000	0.120	PK
2	*	16650.000	49.896	44.506	-24.104	74.000	5.390	PK

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: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5550MHz by 802.11ac40	



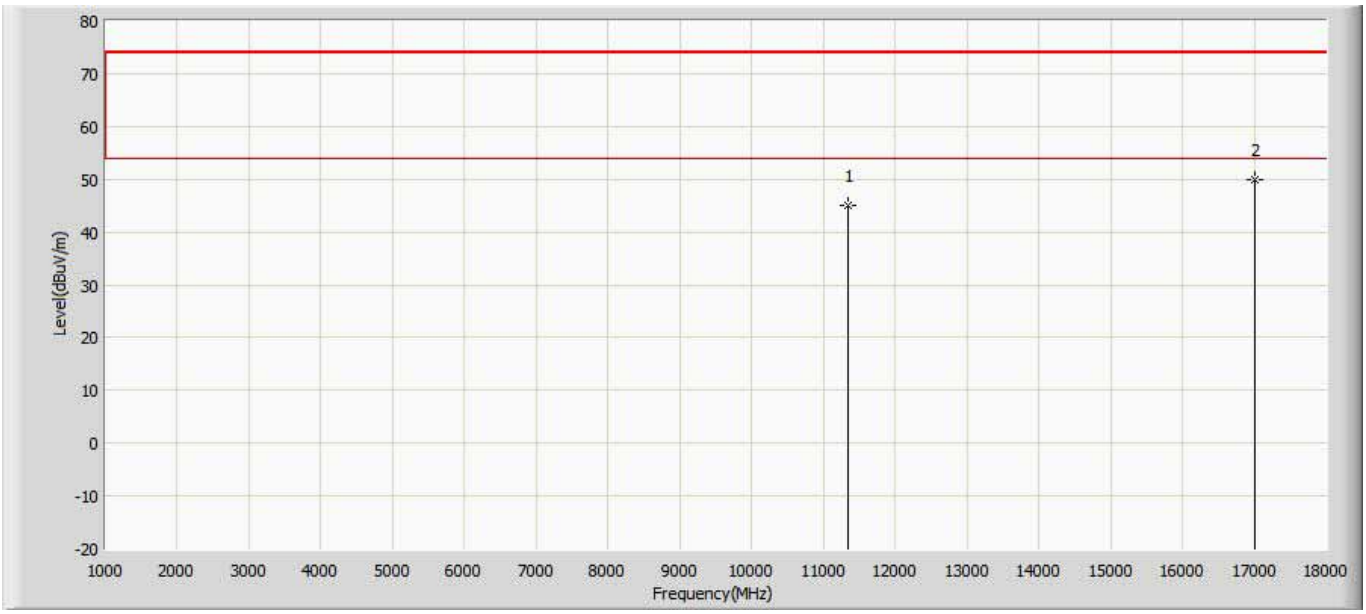
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11100.000	47.469	47.349	-26.531	74.000	0.120	PK
2	*	16650.000	50.637	45.247	-23.363	74.000	5.390	PK

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 5670MHz by 802.11ac40	



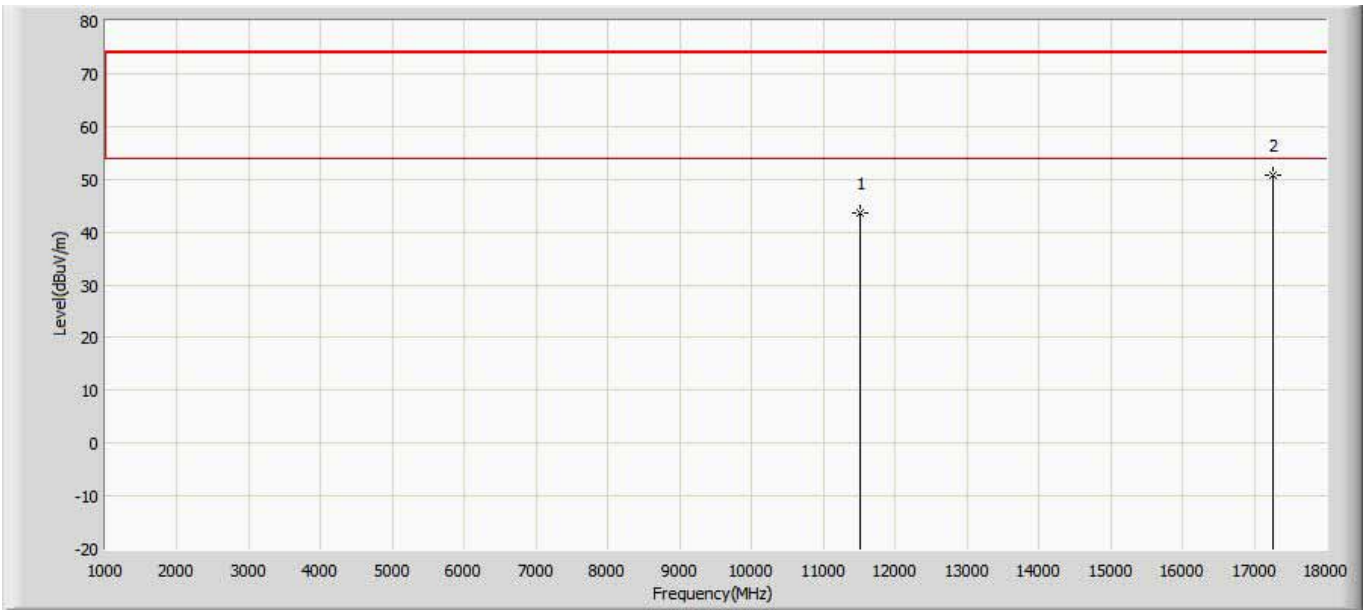
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	46.092	46.233	-27.908	74.000	-0.141	PK
2	*	17010.000	49.770	44.380	-24.230	74.000	5.390	PK

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: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 16:Transmit at 5670MHz by 802.11ac40	



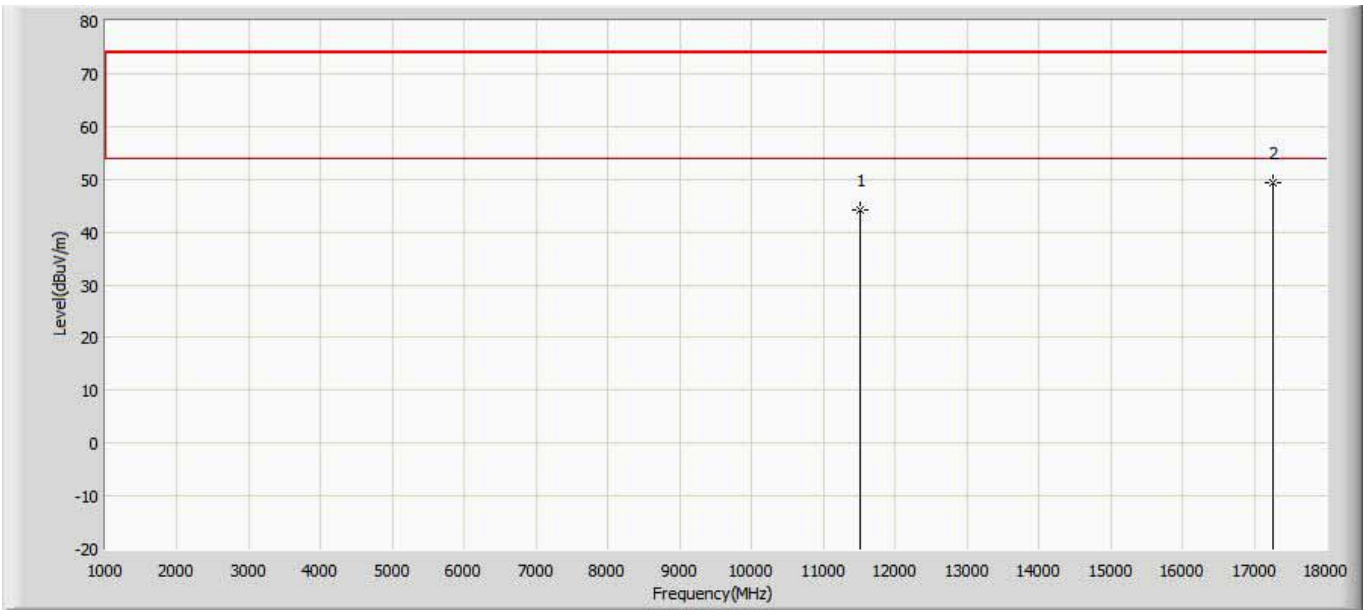
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11340.000	45.005	45.146	-28.995	74.000	-0.141	PK
2	*	17010.000	49.936	44.546	-24.064	74.000	5.390	PK

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	



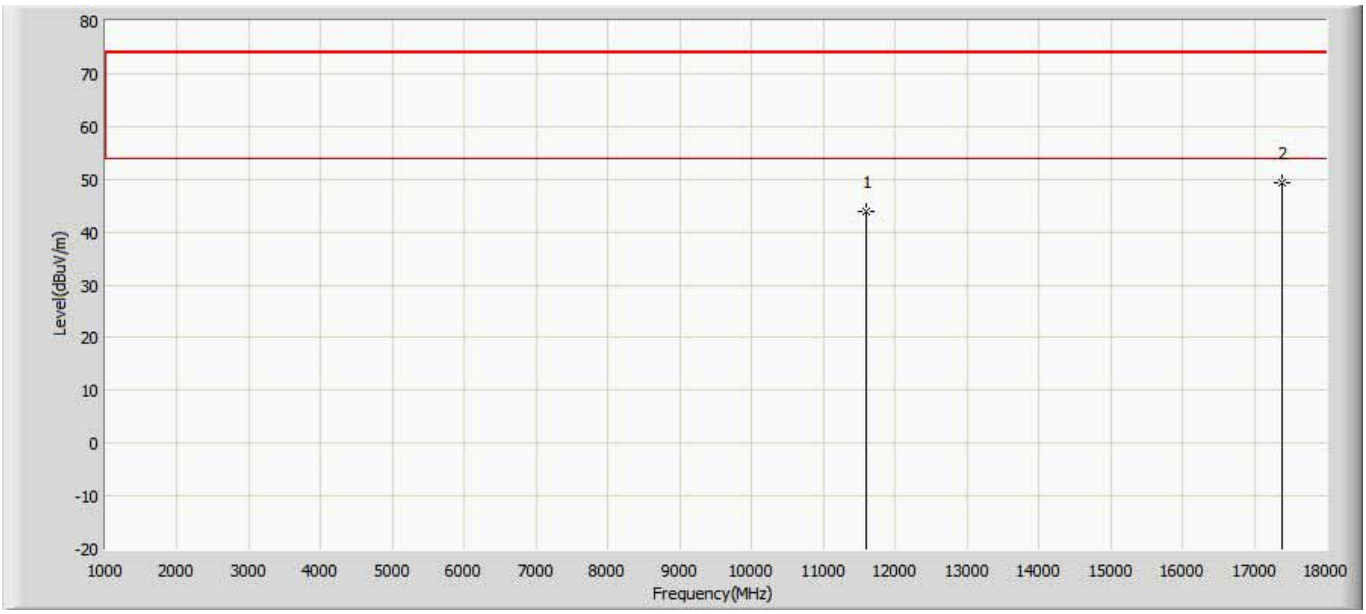
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	43.706	44.696	-30.294	74.000	-0.990	PK
2	*	17265.000	50.679	45.379	-23.321	74.000	5.300	PK

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	



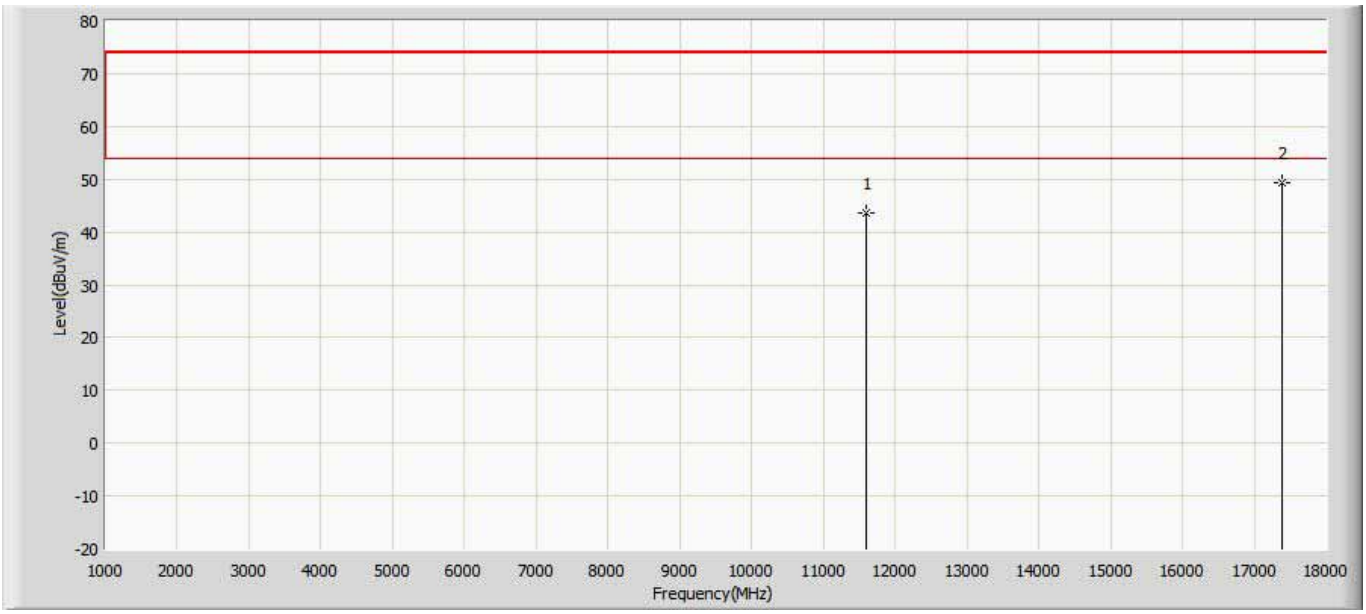
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11510.000	44.129	45.119	-29.871	74.000	-0.990	PK
2	*	17265.000	49.246	43.946	-24.754	74.000	5.300	PK

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	



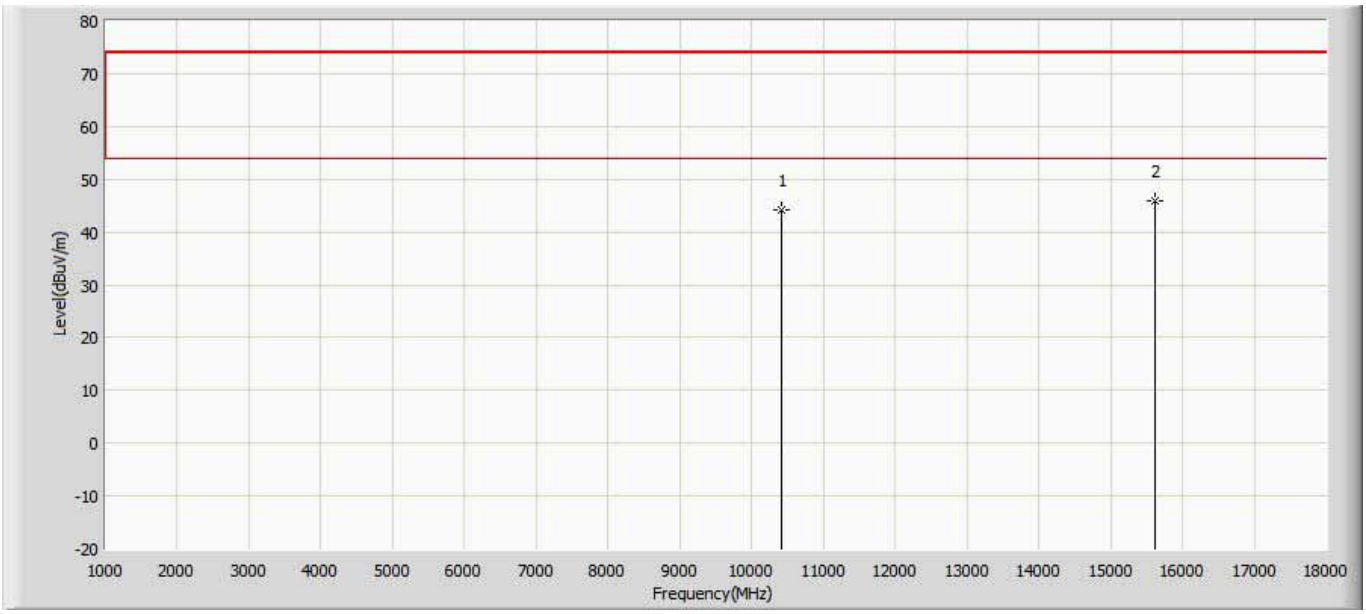
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	44.012	45.002	-29.988	74.000	-0.990	PK
2	*	17385.000	49.279	43.979	-24.721	74.000	5.300	PK

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	



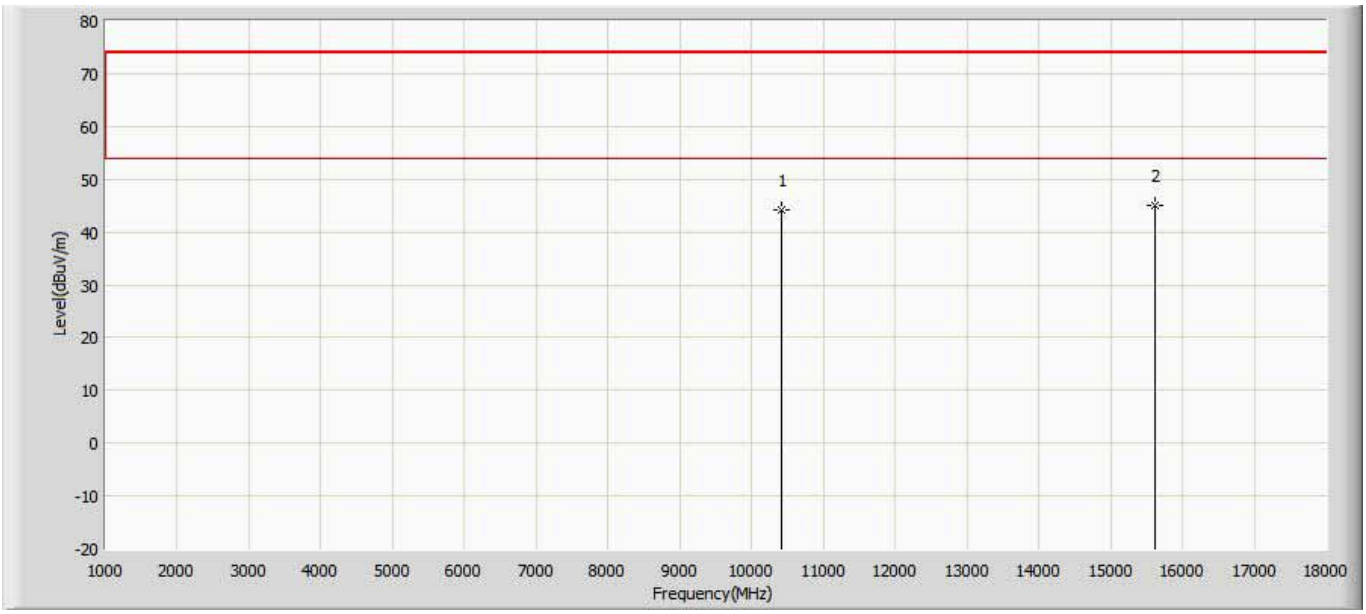
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11590.000	43.704	44.694	-30.296	74.000	-0.990	PK
2	*	17385.000	49.340	44.040	-24.660	74.000	5.300	PK

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	



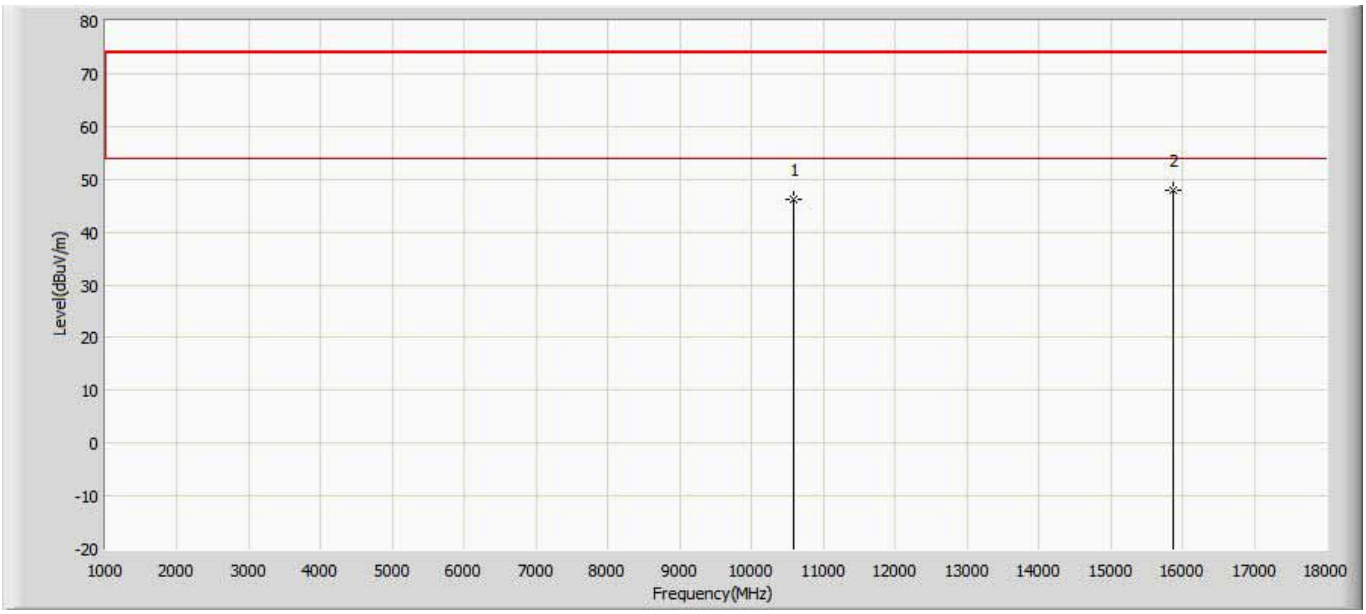
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	44.132	44.552	-29.868	74.000	-0.420	PK
2	*	15630.000	45.805	42.243	-28.195	74.000	3.562	PK

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	



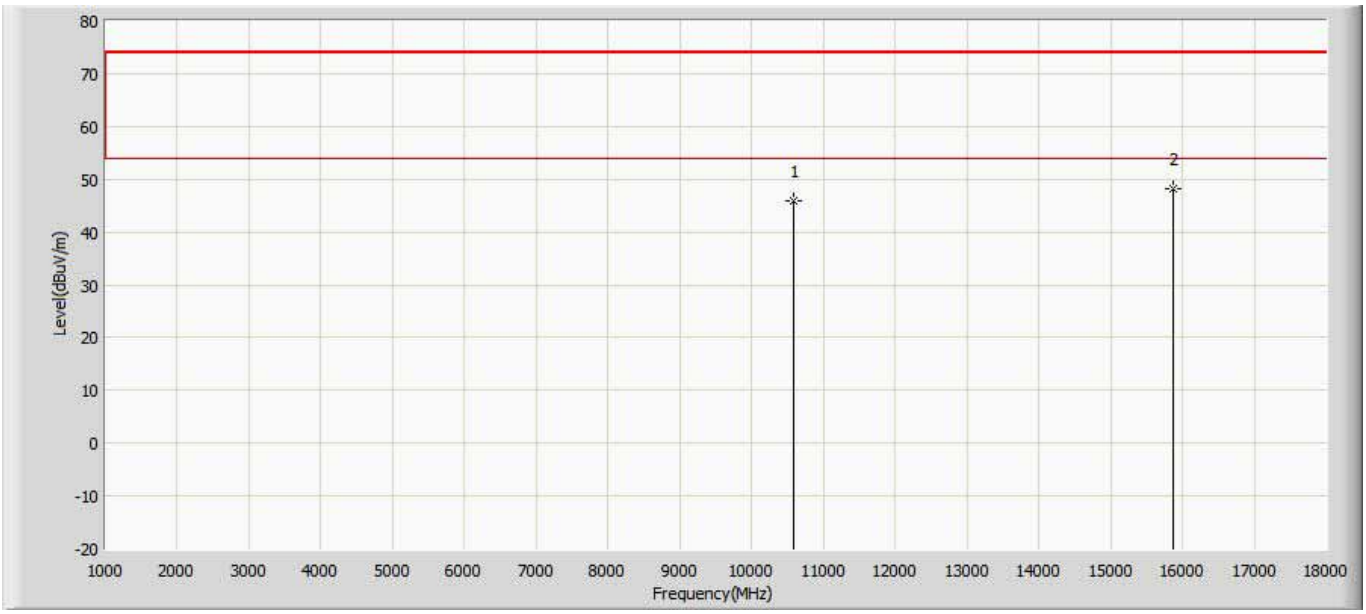
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10420.000	44.192	44.612	-29.808	74.000	-0.420	PK
2	*	15630.000	44.972	41.410	-29.028	74.000	3.562	PK

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 5290MHz by 802.11ac80	



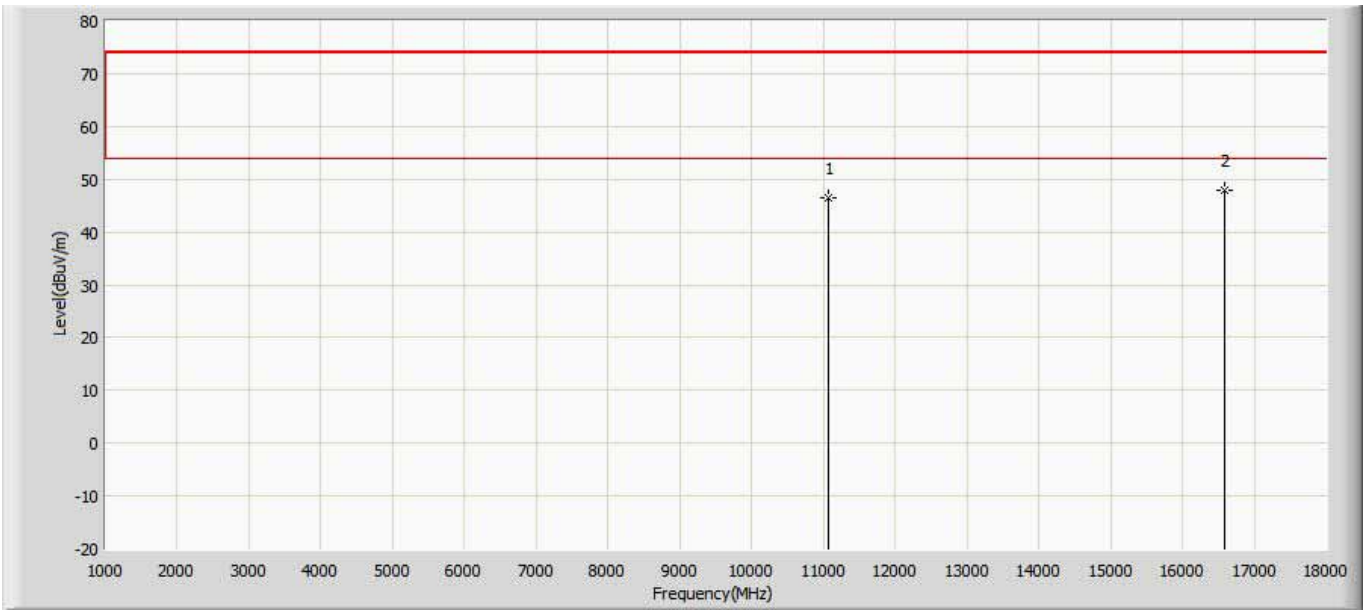
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	46.242	46.662	-27.758	74.000	-0.420	PK
2	*	15870.000	48.041	43.651	-25.959	74.000	4.390	PK

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 5290MHz by 802.11ac80	



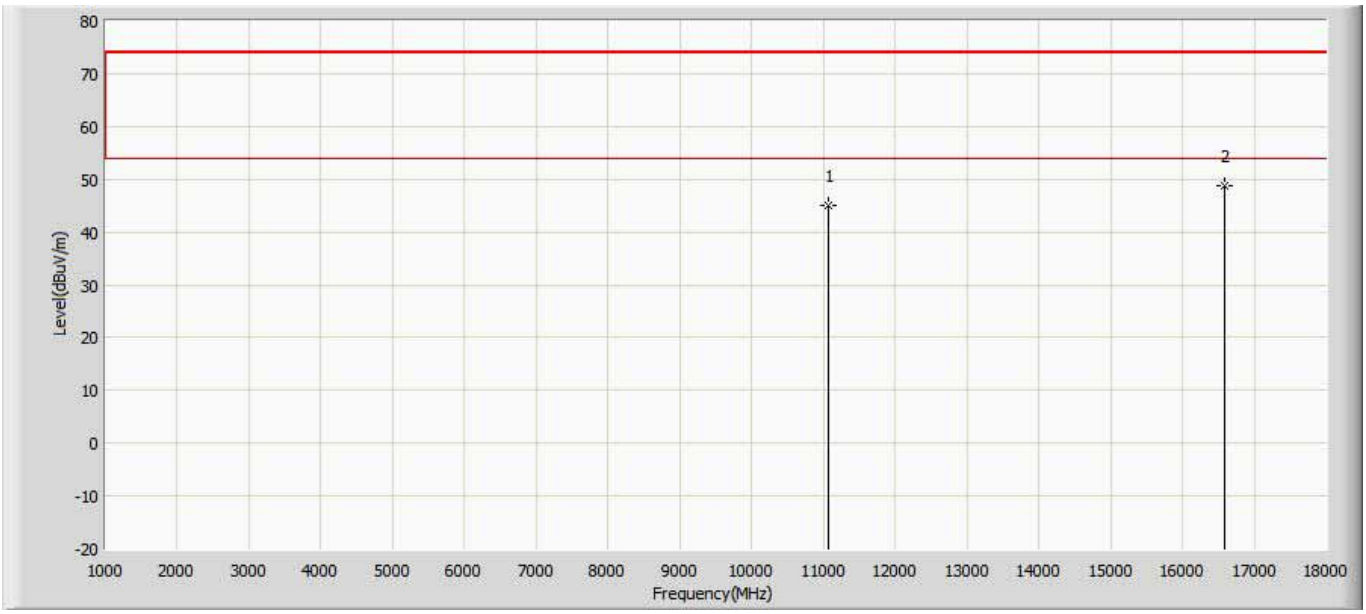
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		10580.000	45.840	46.260	-28.160	74.000	-0.420	PK
2	*	15870.000	48.296	43.906	-25.704	74.000	4.390	PK

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 5530MHz by 802.11ac80	



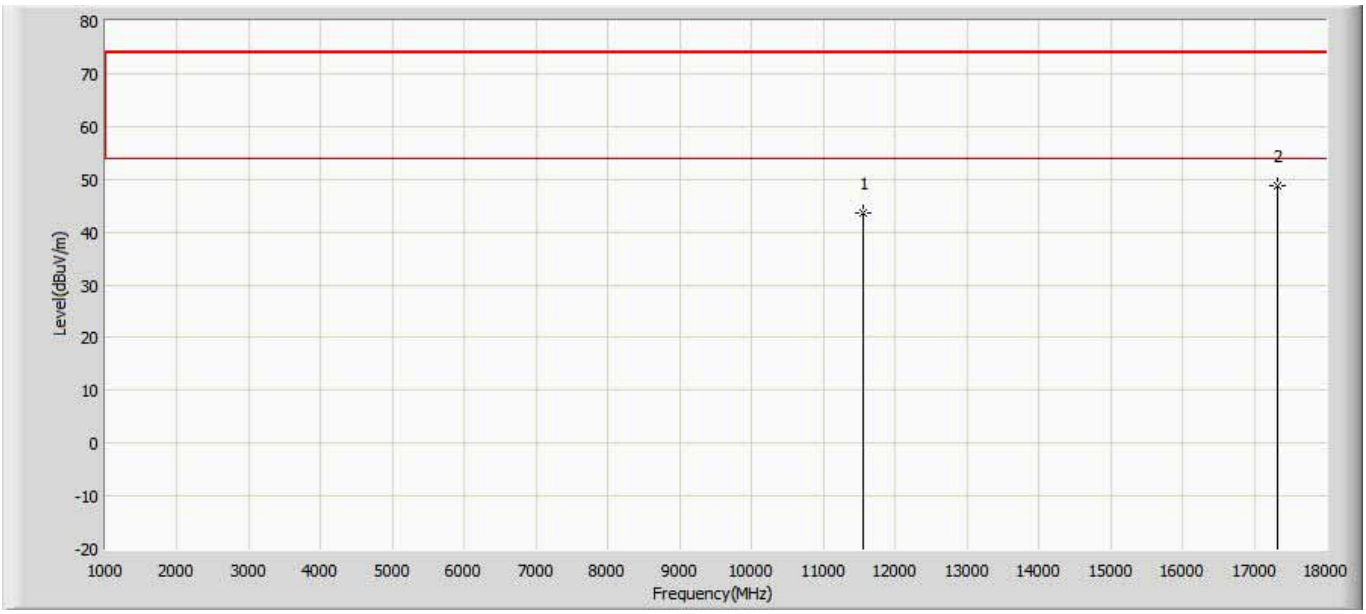
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	46.541	46.421	-27.459	74.000	0.120	PK
2	*	16590.000	47.867	42.477	-26.133	74.000	5.390	PK

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 5530MHz by 802.11ac80	



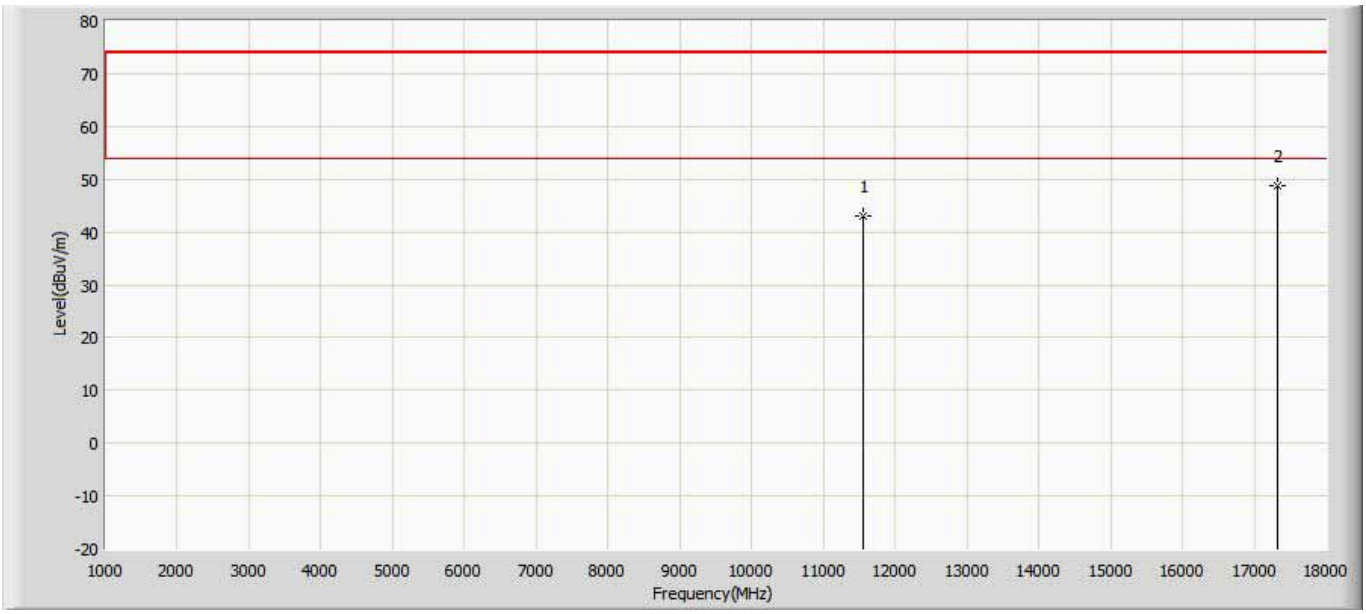
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11060.000	44.949	44.829	-29.051	74.000	0.120	PK
2	*	16590.000	48.659	43.269	-25.341	74.000	5.390	PK

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	



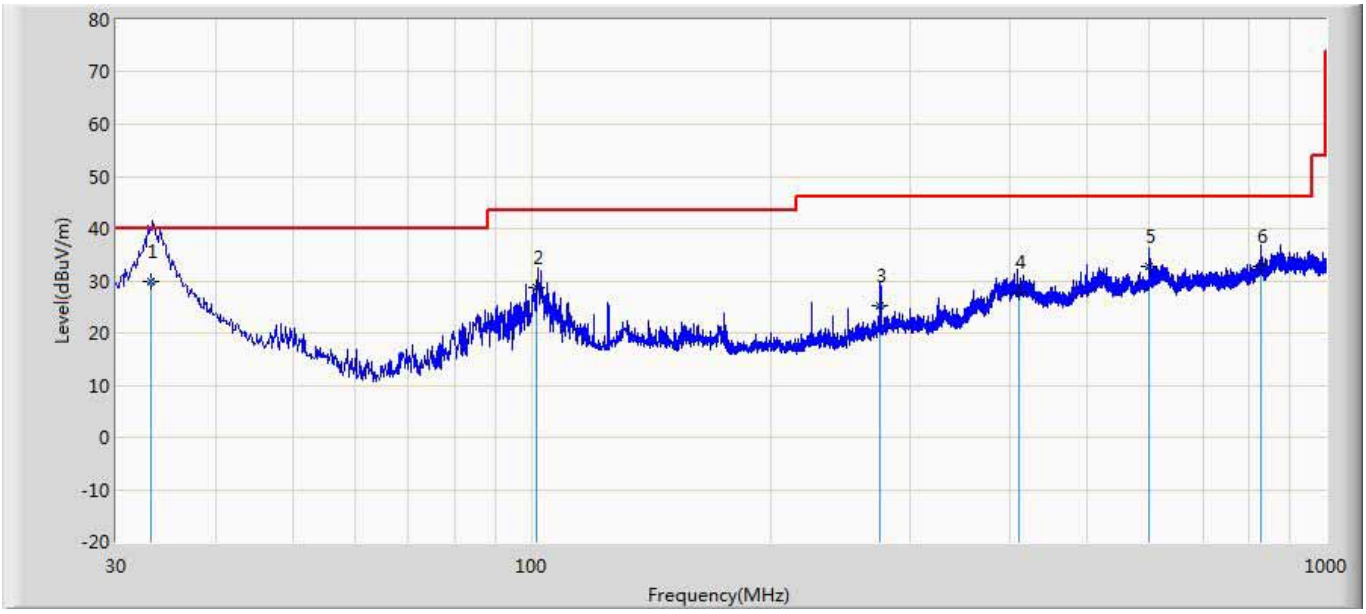
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		11550.000	43.039	44.029	-30.961	74.000	-0.990	PK
2	*	17325.000	48.671	43.371	-25.329	74.000	5.300	PK

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	

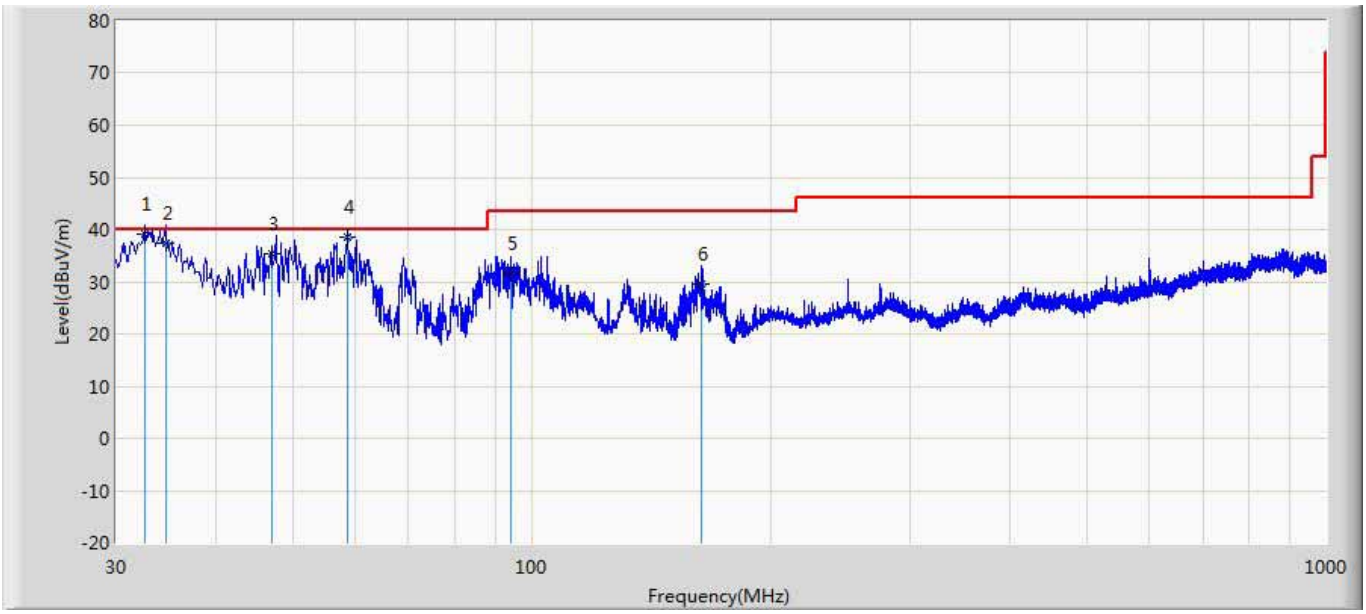


No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Probe (dB/m)	Cable (dB)	Amp (dB)	Ant Pos (cm)	Table Pos (deg)	Type
1	*	33.131	29.967	2.600	-10.033	40.000	20.715	6.652	0.000	200	331	QP
2		101.336	28.734	11.548	-14.766	43.500	10.302	6.883	0.000	200	15	QP
3		274.266	25.324	6.009	-20.676	46.000	11.720	7.595	0.000	100	332	QP
4		409.979	27.728	2.005	-18.272	46.000	17.765	7.959	0.000	100	115	QP
5		599.336	32.683	3.654	-13.317	46.000	20.525	8.505	0.000	200	154	QP
6		827.546	32.764	1.005	-13.236	46.000	22.684	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)	Probe (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

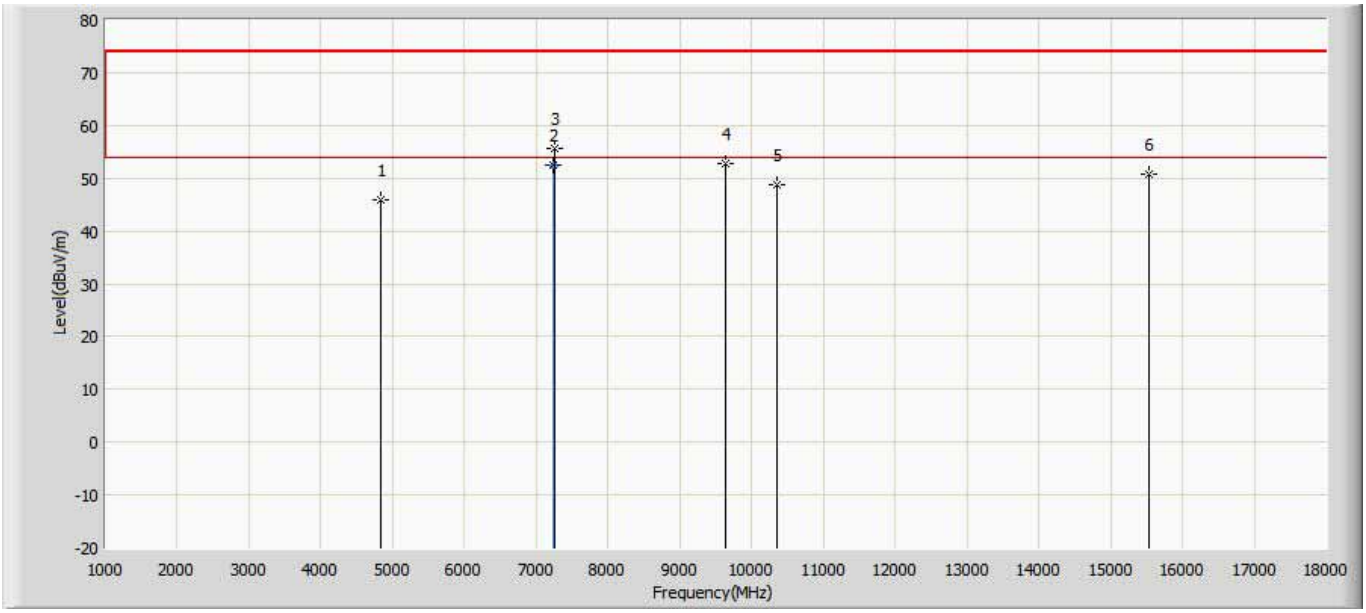
measurements as necessary.

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

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

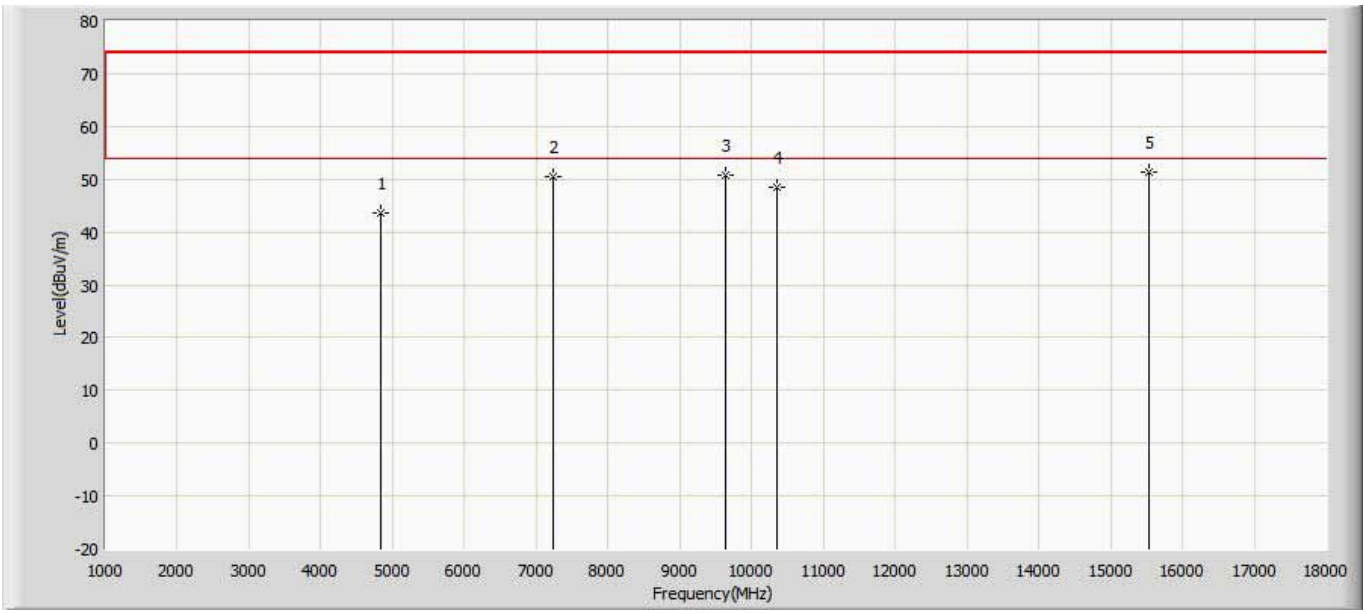
The worst case of Simultaneous Radiated Emission:

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:

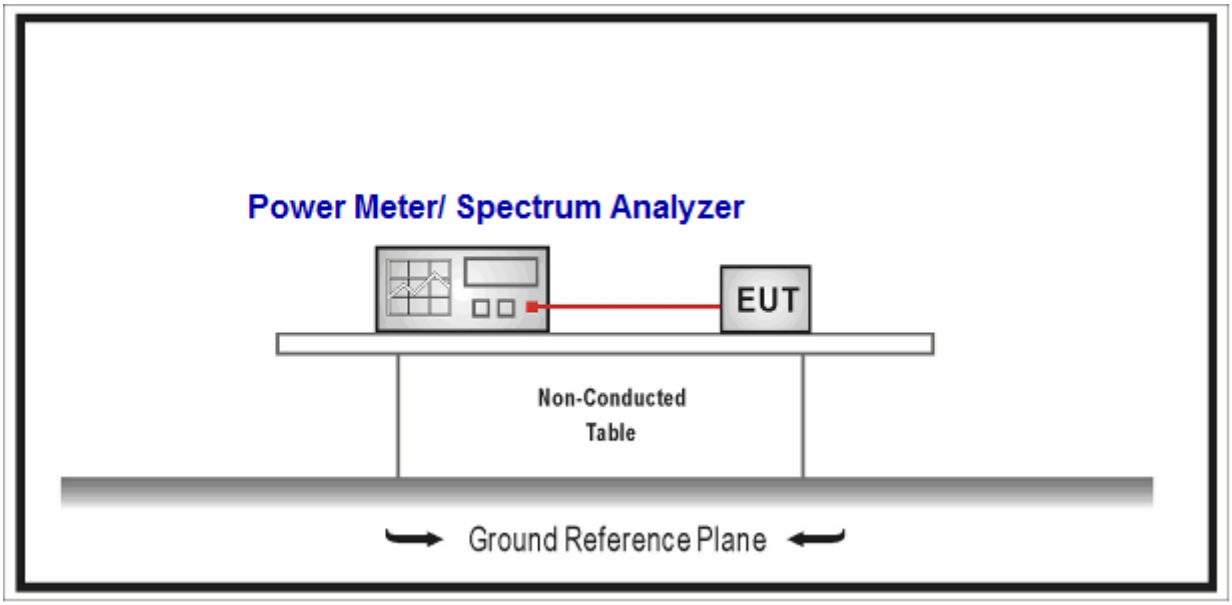
1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, 18GHz~26GHz, both of the worst case are at least 20dB below the limits, therefore no data appear in the report.
3. This limit applies for using average detector, if the test result on peak is lower than average limit, 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

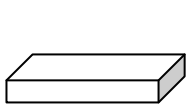
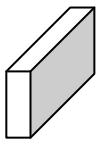
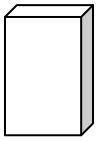
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum conducted output power shall not exceed 1 W. If G_{TX} > 6dBi, then Pout≤30 - (G_{TX} - 6) and ≤125mW at any angle above 30 degrees
	☐	Indoor access point: the maximum conducted output power shall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

5.4. Test Procedure

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

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

5.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Power Output</td></tr>
<tr><td rowspan="4">Device Category</td><td>☐</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-17</td></tr>
<tr><td rowspan="13">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
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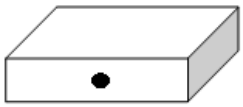
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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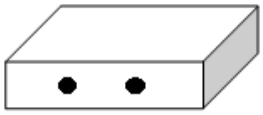
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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5.6. Test Result

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
CH52	5260	15.71	14.73	24.0	Pass
CH60	5300	15.62	14.92	24.0	Pass
CH64	5320	15.68	14.61	24.0	Pass
CH100	5500	16.41	15.78	24.0	Pass
CH116	5580	16.28	15.67	24.0	Pass
CH140	5700	15.61	15.41	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
CH52	5260	15.64	14.72	24.0	Pass
CH60	5300	15.62	14.64	24.0	Pass
CH64	5320	15.57	14.67	24.0	Pass
CH100	5500	16.43	15.62	24.0	Pass
CH116	5580	16.25	15.46	24.0	Pass
CH140	5700	15.62	15.24	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
CH54	5270	14.62	13.65	24.0	Pass
CH62	5310	14.46	13.42	24.0	Pass
CH102	5510	14.61	13.67	24.0	Pass
CH110	5550	14.13	13.32	24.0	Pass
CH134	5670	14.14	13.15	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
CH52	5260	15.81	14.61	24.0	Pass
CH60	5300	15.74	14.56	24.0	Pass
CH64	5320	15.61	14.55	24.0	Pass
CH100	5500	16.16	15.83	24.0	Pass
CH116	5580	15.83	15.62	24.0	Pass
CH140	5700	15.34	15.43	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
CH54	5270	14.95	13.64	24.0	Pass
CH62	5310	14.91	13.71	24.0	Pass
CH102	5510	14.22	13.68	24.0	Pass
CH110	5550	14.01	13.32	24.0	Pass
CH134	5670	13.98	13.13	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
CH58	5290	14.17	13.26	24.0	Pass
CH106	5530	13.22	11.62	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
CH52	5260	14.71	14.89	17.81	24.0	Pass
CH60	5300	14.72	14.86	17.80	24.0	Pass
CH64	5320	16.40	16.58	19.50	24.0	Pass
CH100	5500	15.51	15.63	18.58	24.0	Pass
CH116	5580	15.37	15.51	18.45	24.0	Pass
CH140	5700	14.72	14.86	17.80	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
CH52	5260	14.72	14.85	17.80	24.0	Pass
CH60	5300	14.65	14.78	17.73	24.0	Pass
CH64	5320	14.47	14.52	17.51	24.0	Pass
CH100	5500	15.42	15.57	18.51	24.0	Pass
CH116	5580	15.22	15.41	18.33	24.0	Pass
CH140	5700	14.65	14.72	17.70	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
CH54	5270	13.72	13.98	16.86	24.0	Pass

CH62	5310	13.62	13.87	16.76	24.0	Pass
CH102	5510	13.48	13.53	16.52	24.0	Pass
CH110	5550	13.25	13.32	16.30	24.0	Pass
CH134	5670	13.13	13.22	16.19	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
CH52	5260	14.78	14.91	17.86	24.0	Pass
CH60	5300	14.62	14.86	17.75	24.0	Pass
CH64	5320	14.64	14.78	17.72	24.0	Pass
CH100	5500	15.49	15.64	18.58	24.0	Pass
CH116	5580	15.27	15.47	18.38	24.0	Pass
CH140	5700	14.86	15.03	17.96	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
CH54	5270	13.92	14.12	17.03	24.0	Pass
CH62	5310	13.71	14.08	16.91	24.0	Pass
CH102	5510	13.55	13.76	16.67	24.0	Pass
CH110	5550	13.12	13.21	16.18	24.0	Pass
CH134	5670	13.15	13.45	16.31	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
CH58	5290	13.42	13.56	16.50	24.0	Pass
CH106	5530	11.31	11.65	14.49	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
CH52	5260	14.59	14.82	17.72	22.99	Pass
CH60	5300	14.37	14.63	17.52	22.99	Pass
CH64	5320	14.10	14.28	17.20	22.99	Pass
CH100	5500	15.33	15.34	18.35	22.99	Pass
CH116	5580	14.84	15.34	18.11	22.99	Pass
CH140	5700	14.39	14.35	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
CH54	5270	13.49	13.81	16.66	22.99	Pass
CH62	5310	13.57	13.65	16.62	22.99	Pass
CH102	5510	13.24	13.17	16.22	22.99	Pass
CH110	5550	13.10	12.98	16.05	22.99	Pass
CH134	5670	12.77	12.88	15.84	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
CH52	5260	14.62	14.88	17.76	22.99	Pass
CH60	5300	14.49	14.69	17.60	22.99	Pass
CH64	5320	14.56	14.77	17.68	22.99	Pass
CH100	5500	15.14	15.41	18.29	22.99	Pass
CH116	5580	14.88	15.30	18.11	22.99	Pass
CH140	5700	14.75	14.68	17.73	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
CH54	5270	13.73	13.73	16.74	22.99	Pass
CH62	5310	13.47	13.71	16.60	22.99	Pass
CH102	5510	13.47	13.71	16.60	22.99	Pass
CH110	5550	12.92	13.07	16.00	22.99	Pass
CH134	5670	13.14	13.31	16.24	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
CH58	5290	13.17	13.33	16.26	22.99	Pass
CH106	5530	11.09	11.55	14.34	22.99	Pass
CH155	5775	12.80	13.34	16.09	28.99	Pass

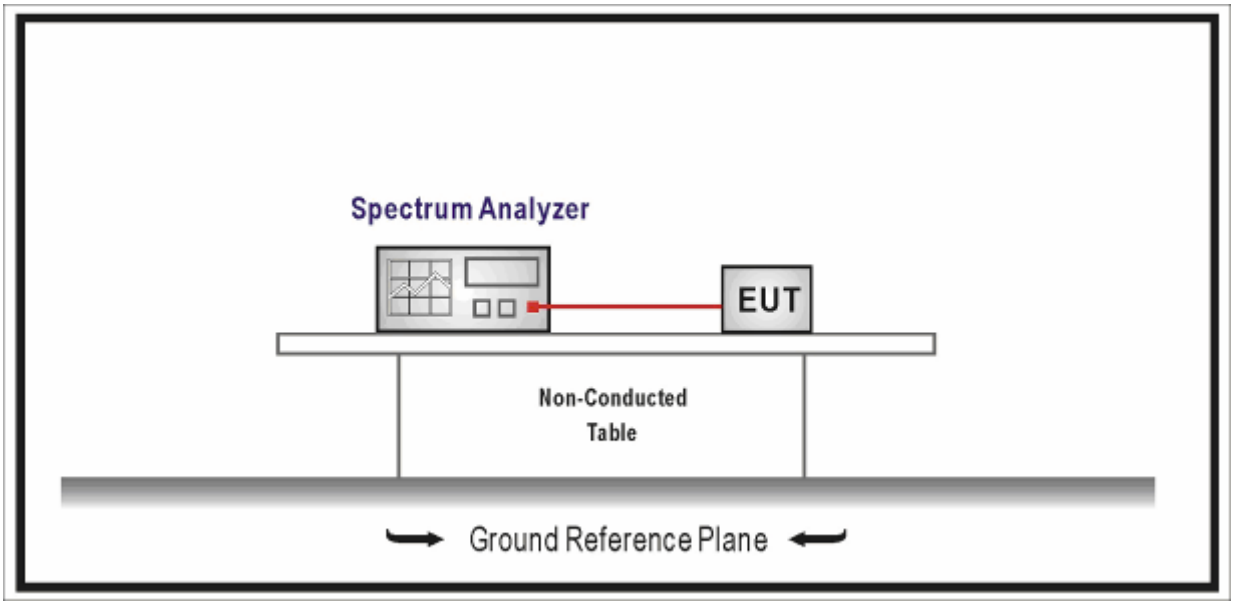
Note: The lowest 26dB bandwidth was used for calculate the power limit according to the formate(11+10*LogB). The level is 24.1dBm which is higher than 24dBm, so 24dbm was used for power limit.

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 Anlyzer	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

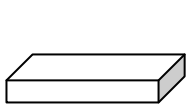
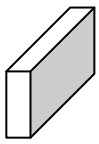
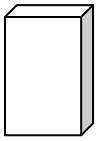
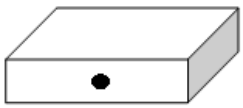
Fundamental emission output power Limit		
☒	For the band 5.15-5.25 GHz	
	☐	Outdoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi, then Pout≤17 - (G_{TX} - 6)
	☐	Indoor access point: the maximum power spectral density shall not exceed 17 dBm/MHz. If G_{TX}＞6dBi,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

6.4. Test Procedure

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

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

6.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Peak power spectral density</td></tr>
<tr><td rowspan="4">Device Category</td><td>☐</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-17</td></tr>
<tr><td rowspan="12">Test method</td><td>☐</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☐</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☒</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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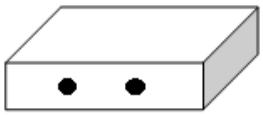
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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6.6. Test Result

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
CH52	5260	4.14	0.695	4	11.0	Pass
CH60	5300	4.201	0.316	4	11.0	Pass
CH64	5320	4.142	0.319	4	11.0	Pass
CH100	5500	4.384	0.048	4	11.0	Pass
CH116	5580	4.382	-0.503	4	11.0	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
CH52	5260	3.808	-0.375	4	11.0	Pass
CH60	5300	3.751	-0.043	4	11.0	Pass
CH64	5320	3.604	-0.66	4	11.0	Pass
CH100	5500	4.079	-0.211	4	11.0	Pass
CH116	5580	4.102	-0.087	4	11.0	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
CH54	5270	0.082	-3.988	4	11.0	Pass
CH62	5310	0.03	-4.566	4	11.0	Pass
CH102	5510	-0.657	-6.027	4	11.0	Pass
CH110	5550	-0.696	-5.448	4	11.0	Pass
CH134	5670	-1.007	-5.093	4	11.0	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
CH52	5260	4.032	-0.282	4	11.0	Pass
CH60	5300	3.887	-0.557	4	11.0	Pass
CH64	5320	3.869	-1.333	4	11.0	Pass
CH100	5500	3.647	-0.116	4	11.0	Pass
CH116	5580	3.675	-0.268	4	11.0	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
CH54	5270	0.29	-4.08	4	11.0	Pass
CH62	5310	0.014	-4.755	4	11.0	Pass
CH102	5510	-0.854	-5.95	4	11.0	Pass
CH110	5550	-1.139	-5.771	4	11.0	Pass
CH134	5670	-0.999	-4.988	4	11.0	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
CH58	5290	-3.302	-7.821	4	11.0	Pass
CH106	5530	-4.438	-10.047	4	11.0	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
CH52	5260	1.667	1.575	4.632	7.01	9.99	Pass
CH60	5300	1.515	1.304	4.421	7.01	9.99	Pass
CH64	5320	1.568	1.834	4.713	7.01	9.99	Pass
CH100	5500	1.725	1.477	4.613	7.01	9.99	Pass
CH116	5580	0.796	0.952	3.885	7.01	9.99	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
CH52	5260	1.027	1.066	4.057	7.01	9.99	Pass
CH60	5300	1.052	1.053	4.063	7.01	9.99	Pass
CH64	5320	2.055	1.742	4.912	7.01	9.99	Pass
CH100	5500	0.678	1.189	3.951	7.01	9.99	Pass
CH116	5580	-0.701	-0.783	2.268	7.01	9.99	Pass
CH140	5700	-2.475	-2.12	0.716	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	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
CH54	5270	-2.409	-2.403	0.604	7.01	9.99	Pass
CH62	5310	-1.712	-1.633	1.338	7.01	9.99	Pass
CH102	5510	-2.489	-2.281	0.627	7.01	9.99	Pass
CH110	5550	-4.427	-4.561	-1.483	7.01	9.99	Pass
CH134	5670	-6.777	-6.665	-3.710	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				
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
CH52	5260	1.365	1.209	4.298	7.01	9.99	Pass
CH60	5300	1.096	1.207	4.162	7.01	9.99	Pass
CH64	5320	2.122	2.29	5.217	7.01	9.99	Pass
CH100	5500	1.394	0.969	4.197	7.01	9.99	Pass
CH116	5580	-0.64	-1.06	2.165	7.01	9.99	Pass
CH140	5700	-2.118	-1.693	1.110	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	-0.273	-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
CH54	5270	-2.489	-2.312	0.611	7.01	9.99	Pass
CH62	5310	-2.642	-2.376	0.503	7.01	9.99	Pass
CH102	5510	-3.366	-3.389	-0.367	7.01	9.99	Pass
CH110	5550	-3.606	-3.579	-0.582	7.01	9.99	Pass
CH134	5670	-6.138	-5.947	-3.031	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				
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
CH58	5290	-5.522	-5.446	-2.474	7.01	9.99	Pass
CH106	5530	-8.141	-9.194	-5.625	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				
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
CH52	5260	1.286	1.615	4.464	7.01	9.99	Pass
CH60	5300	1.446	1.420	4.443	7.01	9.99	Pass
CH64	5320	1.249	1.484	4.378	7.01	9.99	Pass
CH100	5500	1.595	1.804	4.711	7.01	9.99	Pass
CH116	5580	1.624	2.241	4.954	7.01	9.99	Pass
CH140	5700	1.146	1.677	4.430	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	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
CH54	5270	-1.820	-1.837	0.967	7.01	9.99	Pass
CH62	5310	-2.044	-2.043	0.518	7.01	9.99	Pass
CH102	5510	-2.412	-2.575	0.849	7.01	9.99	Pass
CH110	5550	-2.221	-2.102	0.002	7.01	9.99	Pass
CH134	5670	-2.962	-3.055	-0.421	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				
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
CH60	5300	1.045	1.676	4.382	7.01	9.99	Pass
CH64	5320	0.867	1.23	4.063	7.01	9.99	Pass
CH100	5500	1.074	1.365	4.232	7.01	9.99	Pass
CH116	5580	0.845	1.536	4.215	7.01	9.99	Pass
CH140	5700	0.945	1.765	4.385	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	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
CH54	5270	-2.506	-2.169	0.676	7.01	9.99	Pass
CH62	5310	-2.322	-2.140	0.780	7.01	9.99	Pass
CH102	5510	-3.101	-2.269	0.345	7.01	9.99	Pass
CH110	5550	-2.907	-2.057	0.549	7.01	9.99	Pass
CH134	5670	-3.333	-2.909	-0.106	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				
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
CH58	5290	-5.633	-5.549	-2.580	7.01	9.99	Pass
CH106	5530	-8.065	-7.465	-4.744	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				
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

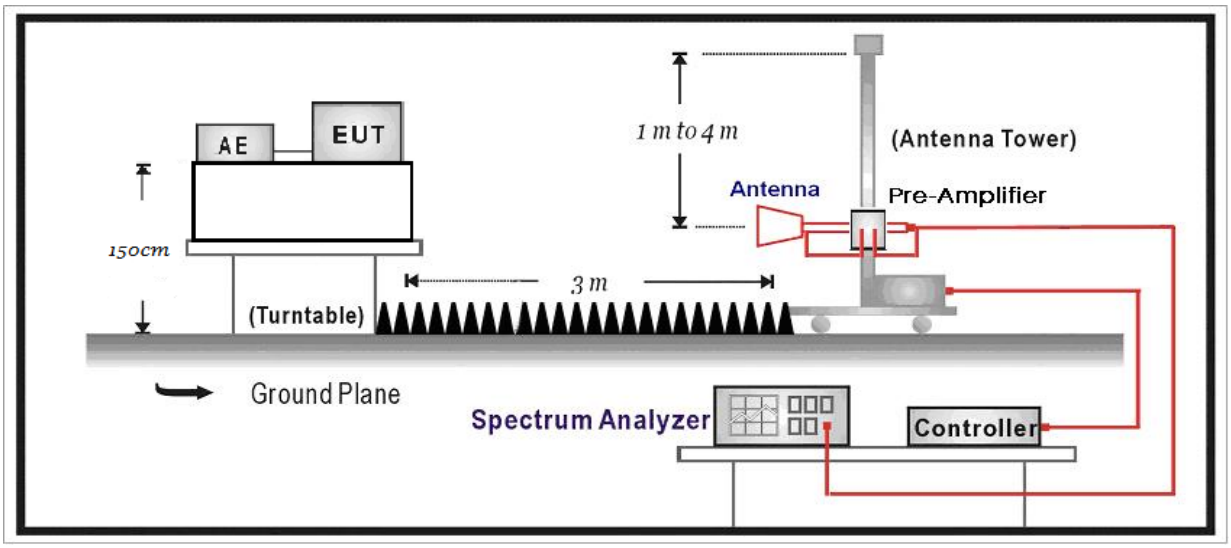
Mode 10 CH48 (5240MHz) Ant 2

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



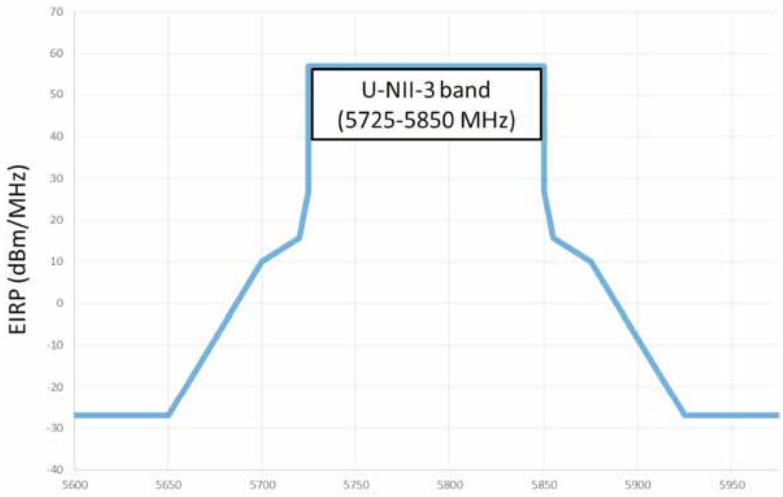
7.3. Limit

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

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

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

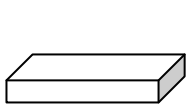
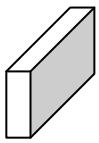
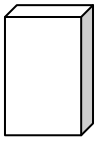
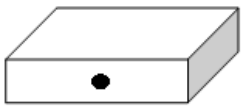
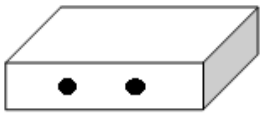
FCC Part 15 Subpart C Paragraph 15.205 (Restricted Band)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 –16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128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

FCC Part 15 Subpart C Paragraph 15.407(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
☐	ANSI C63.10		12.7.3	Emissions in non-restricted frequency bands
☒	ANSI C63.10		12.7.2	Emissions in restricted frequency bands
	☒	ANSI C63.10	12.7.5	Radiated emission measurements
	☒	ANSI C63.10	12.7.6	Procedure for peak unwanted emissions measurements above 1000 MHz
	☒	ANSI C63.10	12.7.7	Procedures for average unwanted emissions measurements above 1000 MHz
		☐ ANSI C63.10	12.7.7.2	Method AD (average detection)—primary method
		☒ ANSI C63.10	12.7.7.3	Method VB-A (Alternative)
	☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz
☐	FCC KDB 789033 D02v01r04		G.2	Unwanted Emissions that fall Outside of the Restricted Bands
☐	FCC KDB 789033 D02v01r04		G.1	Unwanted Emissions in the Restricted Bands
	☐	FCC KDB 789033 D02v01r04	G.4	Procedure for Unwanted Emissions Measurements below 1000 MHz
	☐	FCC KDB 789033 D02v01r04	G.5	Procedure for Unwanted Maximum Emissions Measurements above 1000 MHz
	☐	FCC KDB 789033 D02v01r04	G.6	Procedures for Average Unwanted Emissions Measurements above 1000 MHz
		☐ FCC KDB 789033 D02v01r04	G.6.c	Method AD (Average detection)—primary method
		☐ FCC KDB 789033 D02v01r04	G.6.d	Method VB (Averaging using reduced video bandwidth): Alternative method.

7.5. EUT test Axis definition

<table>
<tr><td>Item</td><td colspan="4">Radiated Emission Band Edge</td></tr>
<tr><td rowspan="4">Device Category</td><td>☐</td><td colspan="3">Indoor use</td></tr>
<tr><td>☐</td><td colspan="3">Outdoor use</td></tr>
<tr><td>☐</td><td colspan="3">Fix position use</td></tr>
<tr><td>☒</td><td colspan="3">Client use</td></tr>
<tr><td>Test mode</td><td colspan="4">Mode 1-17</td></tr>
<tr><td rowspan="11">Test method</td><td>☒</td><td colspan="3">Radiated</td></tr>
<tr><td rowspan="3"></td><td>X Axis</td><td>Y Axis</td><td>Z Axis</td></tr>
<tr><td>  </td><td>  </td><td>  </td></tr>
<tr><td>Worst Axis ☒</td><td>Worst Axis ☐</td><td>Worst Axis ☐</td></tr>
<tr><td>☐</td><td colspan="3">Conducted</td></tr>
<tr><td>☐</td><td colspan="3">Chain 1</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td colspan="2">Chain 2</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
<tr><td>☐</td><td>Chain 1</td><td>Chain 2</td><td>Chain 3</td></tr>
<tr><td></td><td colspan="3">  </td></tr>
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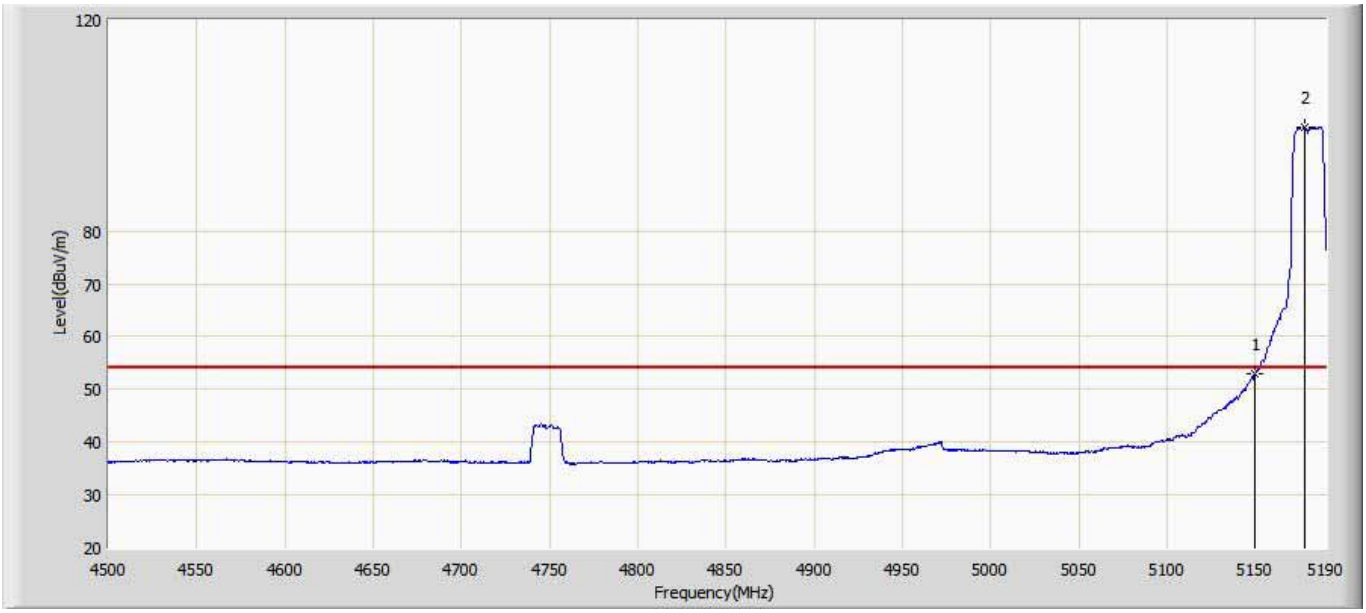
7.6. Test Result

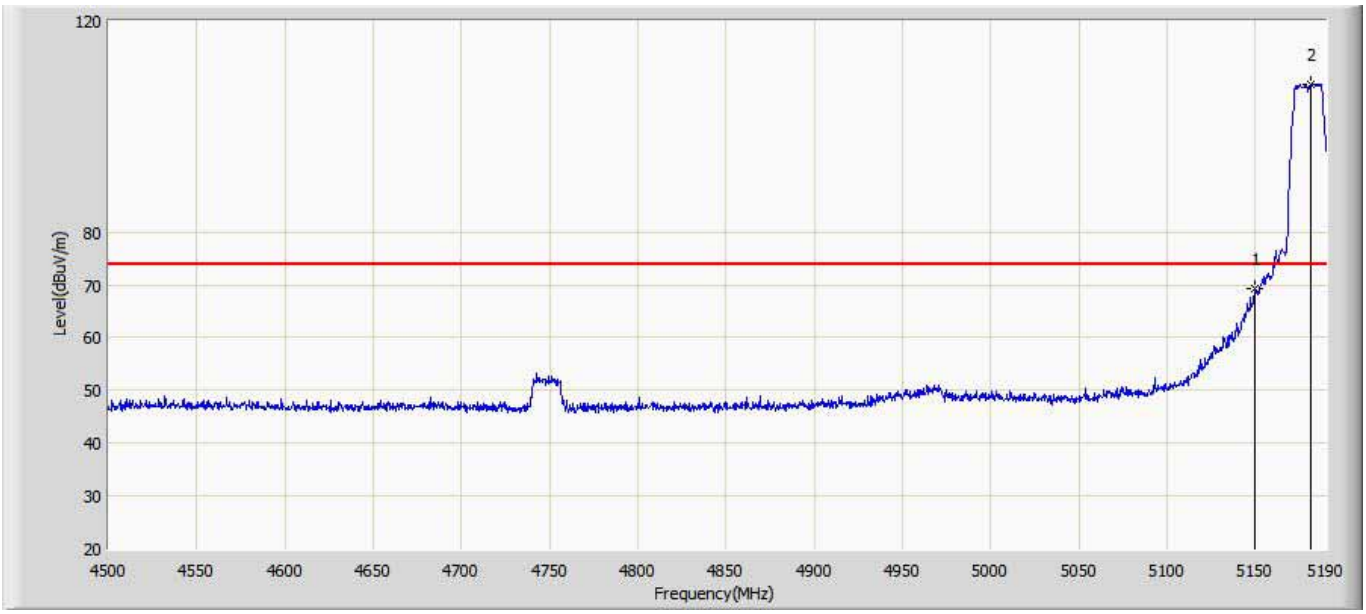
Ant: 1

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	



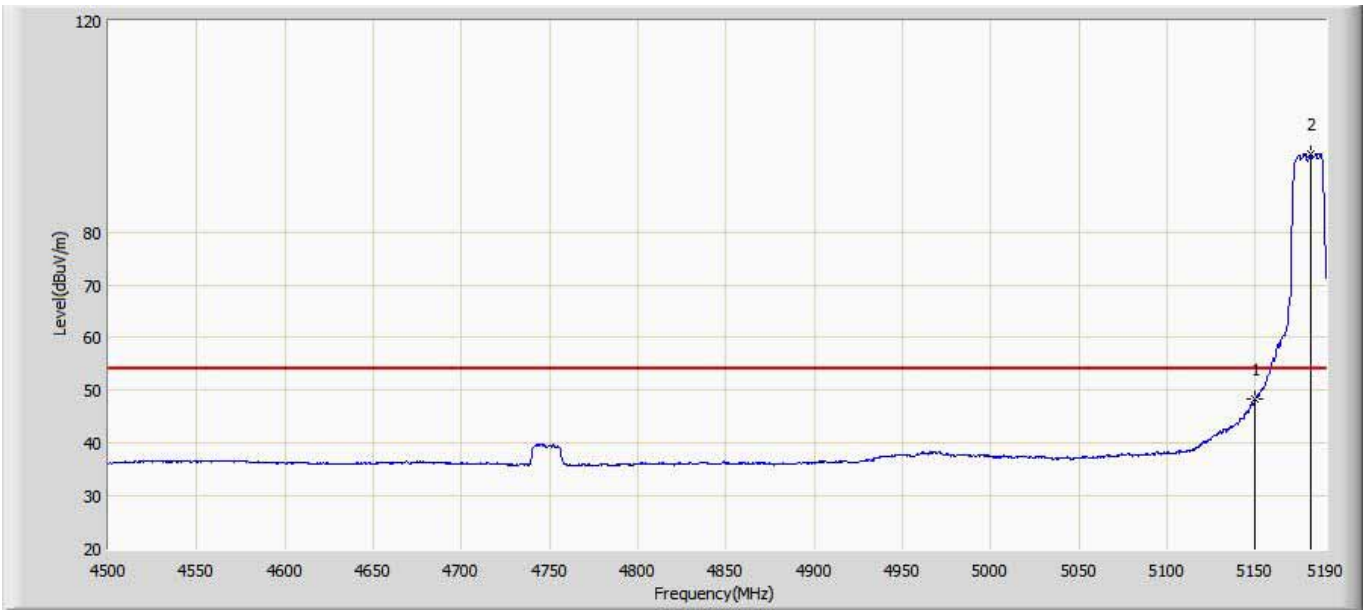
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.890	16.225	-1.110	54.000	36.665	AV
2	*	5177.925	99.668	63.060	N/A	N/A	36.608	AV

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	



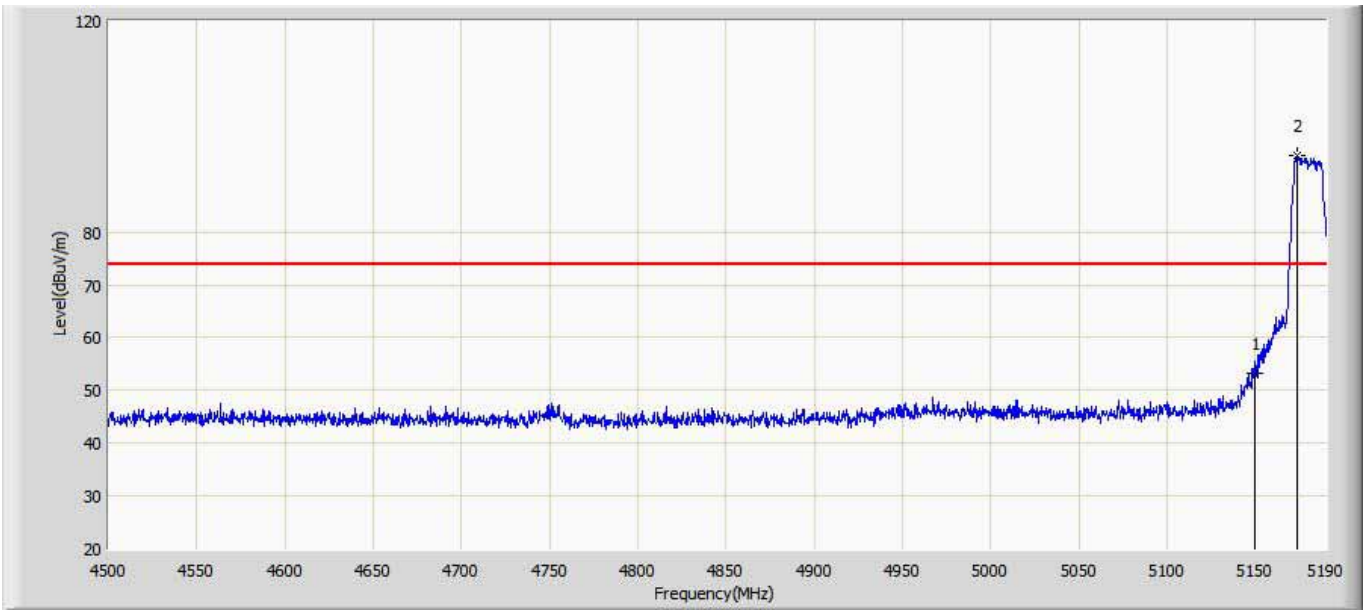
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	69.164	32.499	-4.836	74.000	36.665	PK
2	*	5181.375	108.074	71.499	N/A	N/A	36.575	PK

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	



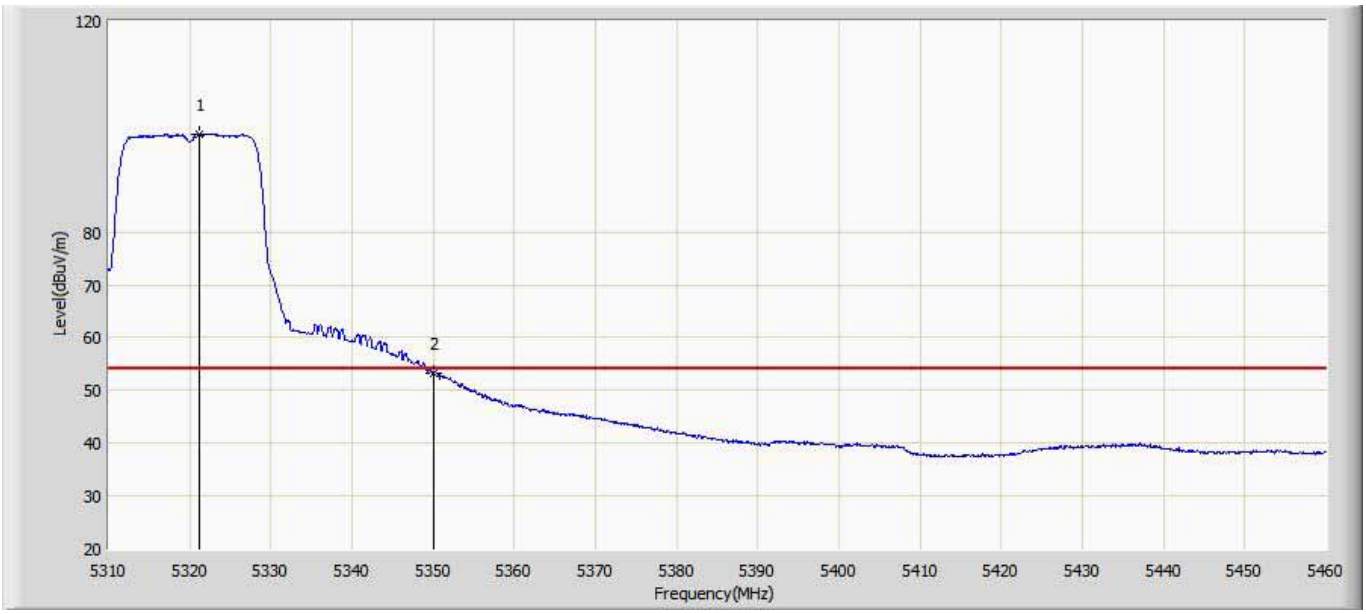
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.477	11.812	-5.523	54.000	36.665	AV
2	*	5181.030	94.716	58.138	N/A	N/A	36.578	AV

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	



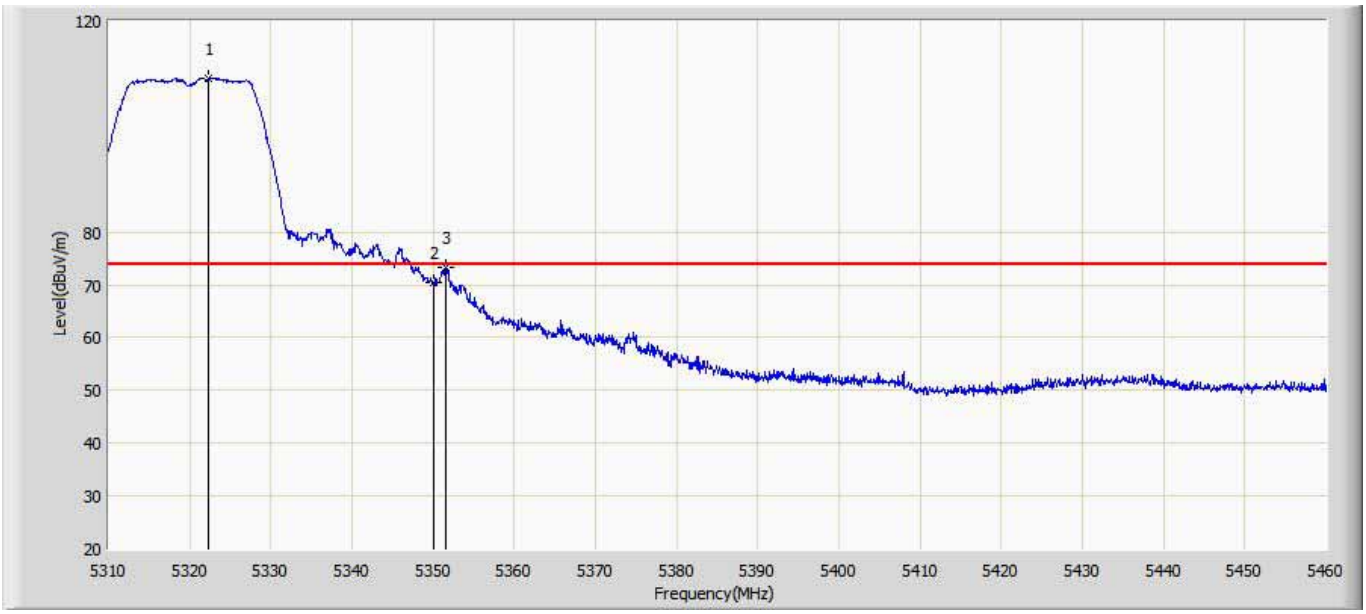
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.172	16.507	-20.828	74.000	36.665	PK
2	*	5173.440	94.469	57.818	N/A	N/A	36.651	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:14
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 1:Transmit at 5320MHz by 802.11a	



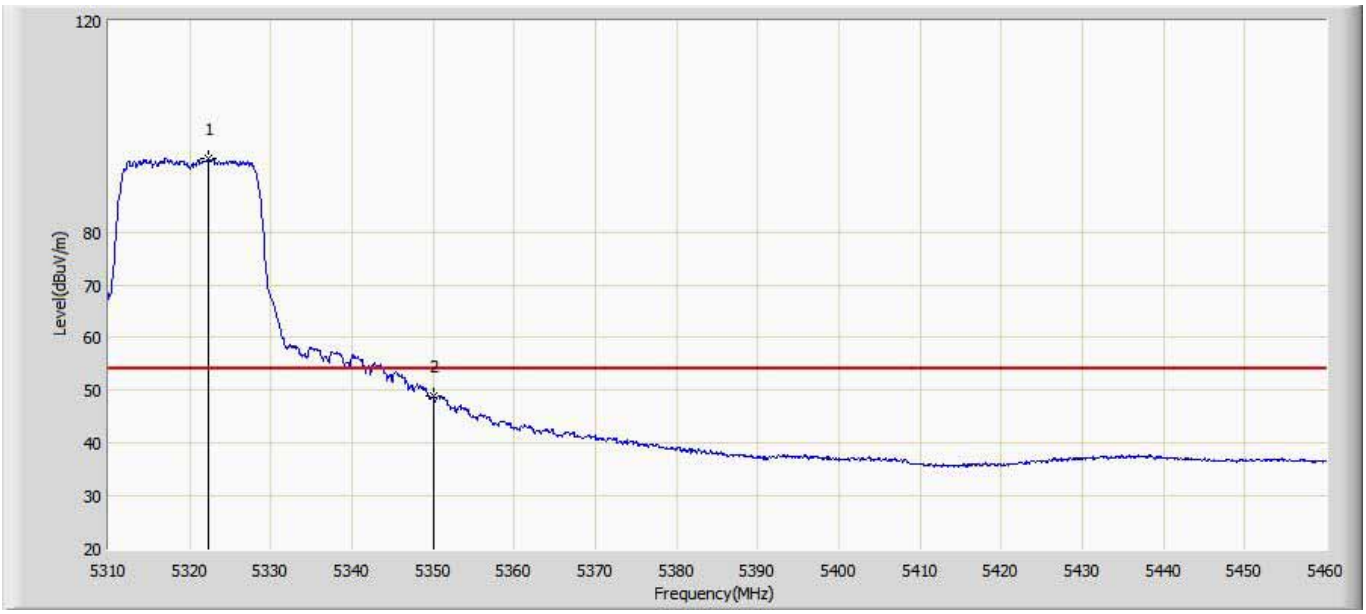
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.175	98.517	61.780	N/A	N/A	36.737	AV
2		5350.000	53.331	16.545	-0.669	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:18
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 1:Transmit at 5320MHz by 802.11a	



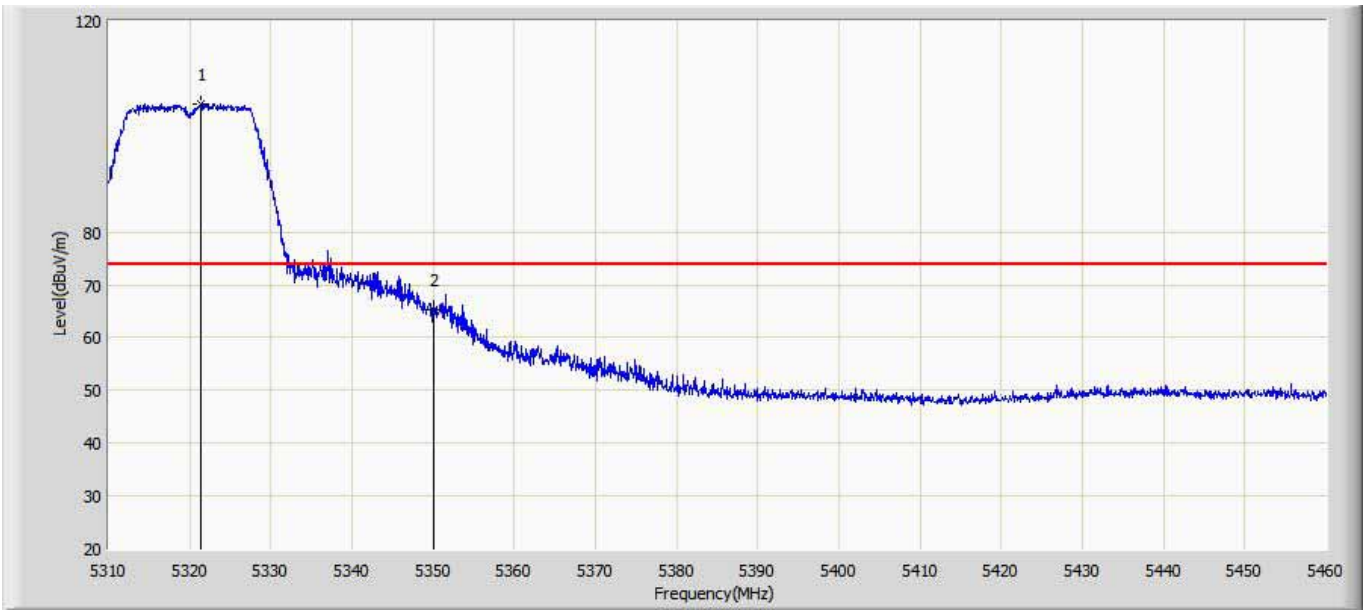
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.375	108.989	72.241	N/A	N/A	36.748	PK
2		5350.000	70.408	33.622	-3.592	74.000	36.786	PK
3		5351.475	73.418	36.639	-0.582	74.000	36.779	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:21
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a	



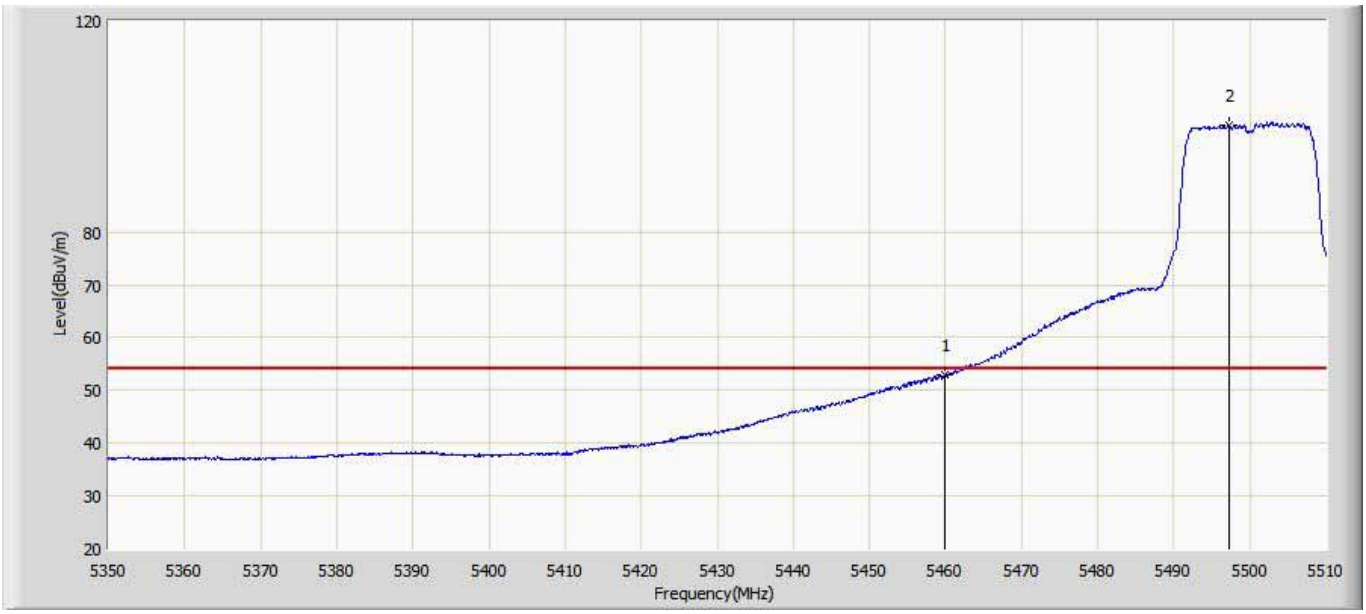
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.375	93.829	57.081	N/A	N/A	36.748	AV
2		5350.000	48.886	12.100	-5.114	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:24
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5320MHz by 802.11a	



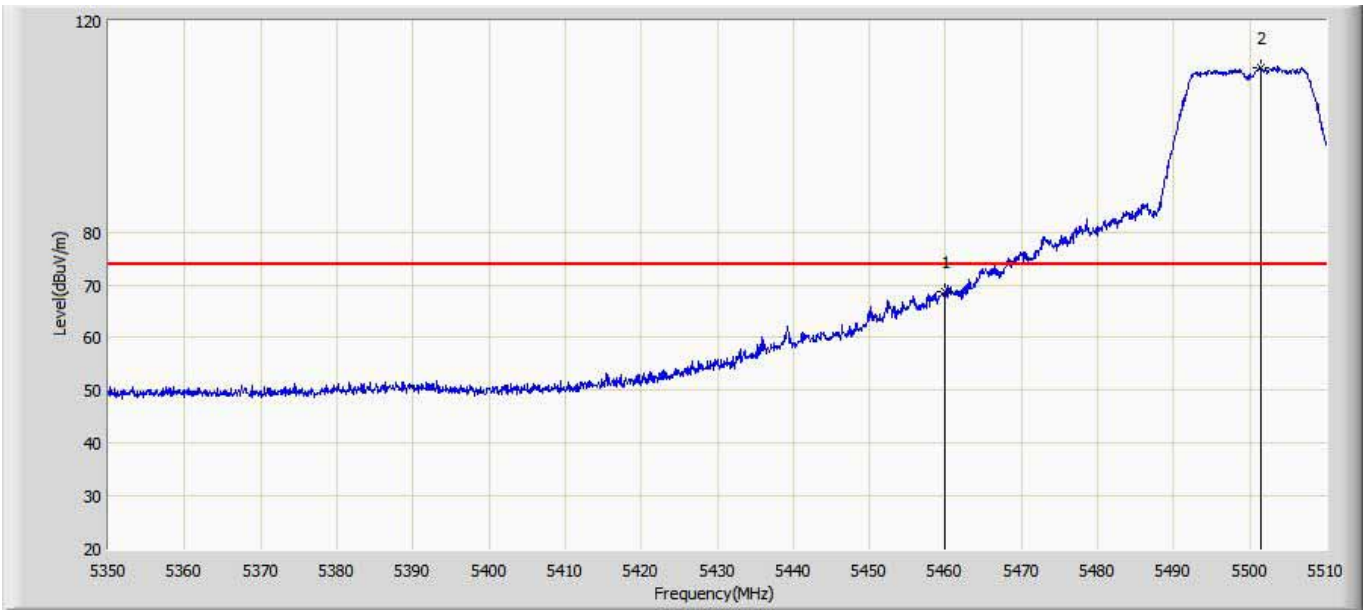
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.400	104.369	67.630	N/A	N/A	36.739	PK
2		5350.000	65.351	28.565	-8.649	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a	



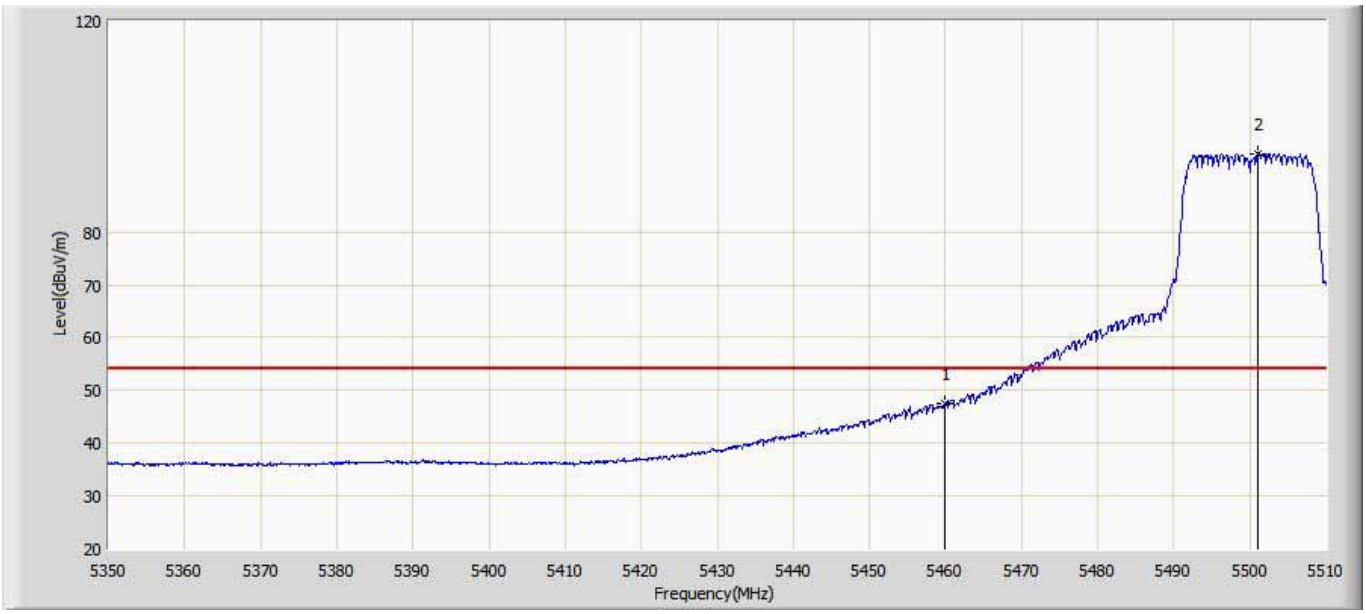
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.832	14.686	-1.168	54.000	38.146	AV
2	*	5497.200	100.288	62.173	N/A	N/A	38.115	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:33
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 1:Transmit at 5500MHz by 802.11a	



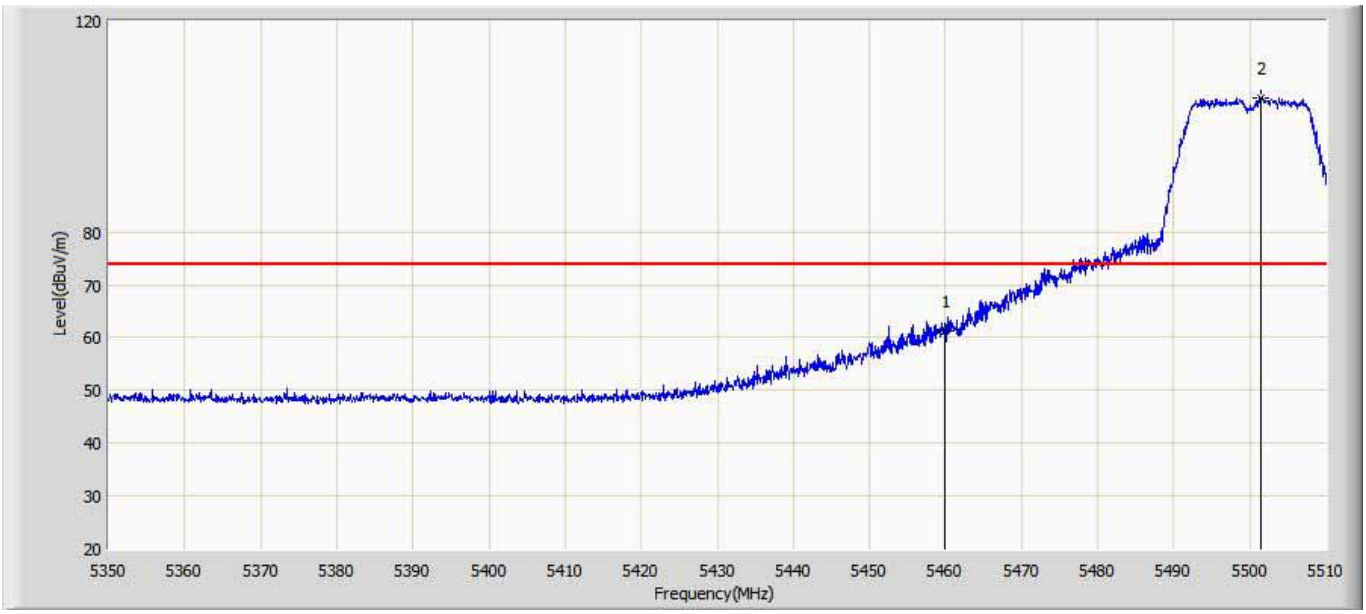
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	68.737	30.591	-5.263	74.000	38.146	PK
2	*	5501.440	111.203	73.094	N/A	N/A	38.109	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 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 1:Transmit at 5500MHz by 802.11a	



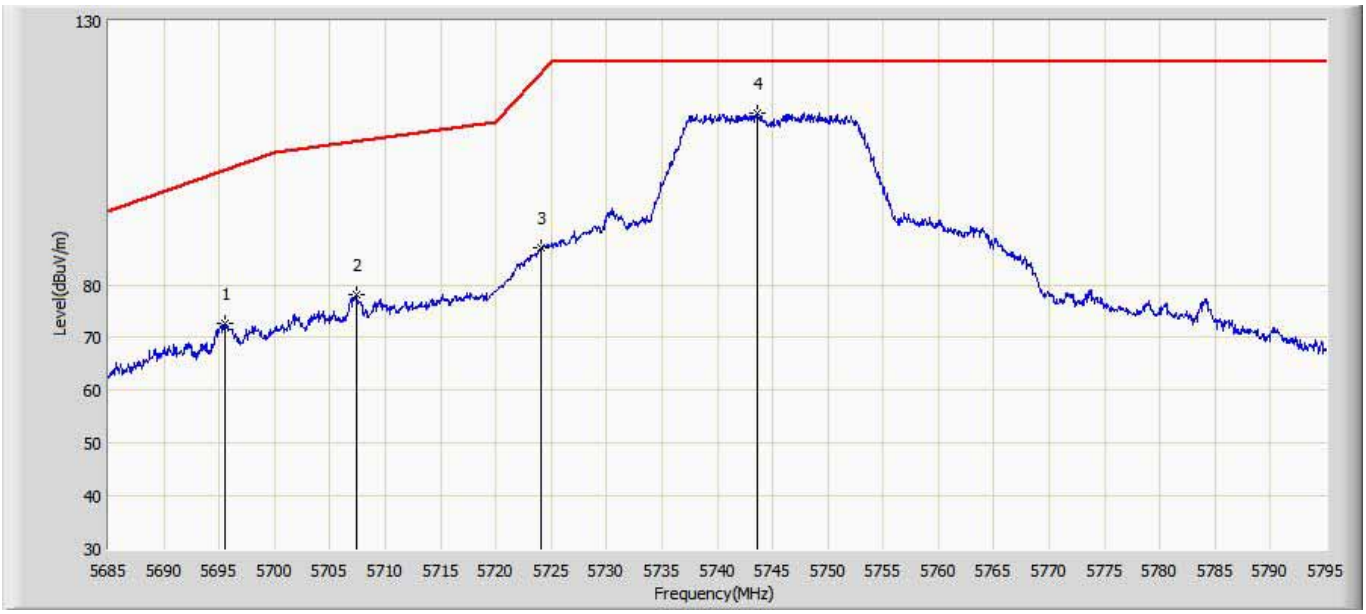
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	47.591	9.445	-6.409	54.000	38.146	AV
2	*	5500.960	94.752	56.642	N/A	N/A	38.110	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 14:36
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 1:Transmit at 5500MHz by 802.11a	



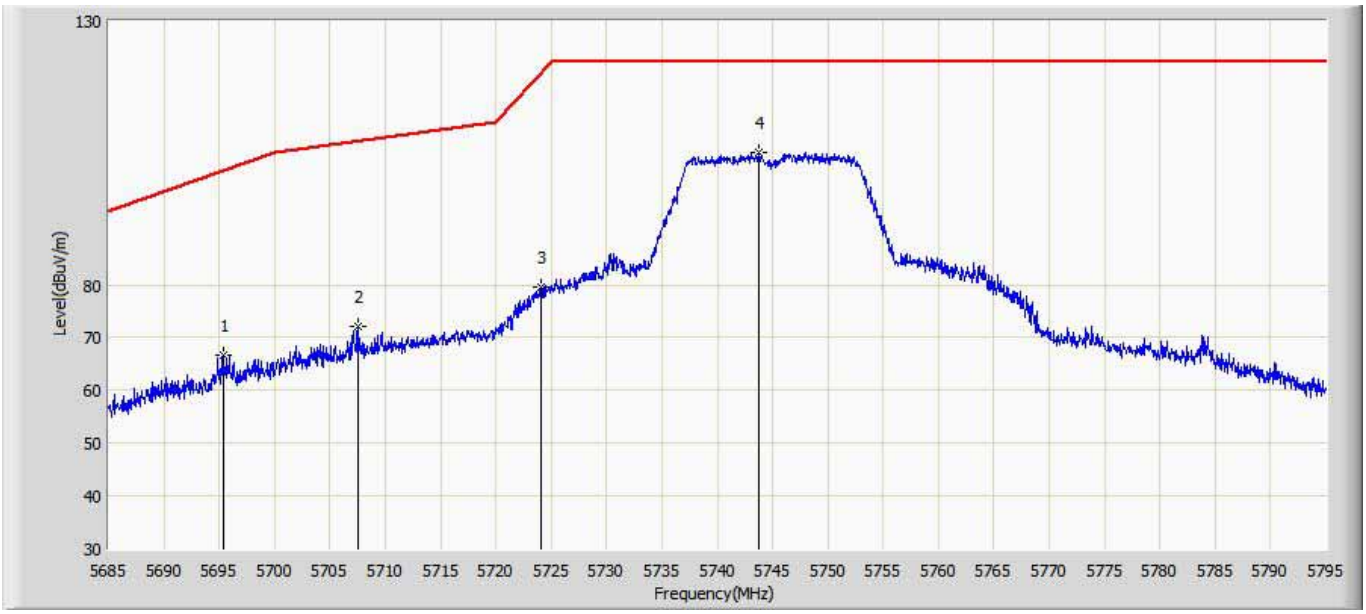
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	61.242	23.096	-12.758	74.000	38.146	PK
2	*	5501.440	105.411	67.302	N/A	N/A	38.109	PK

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	



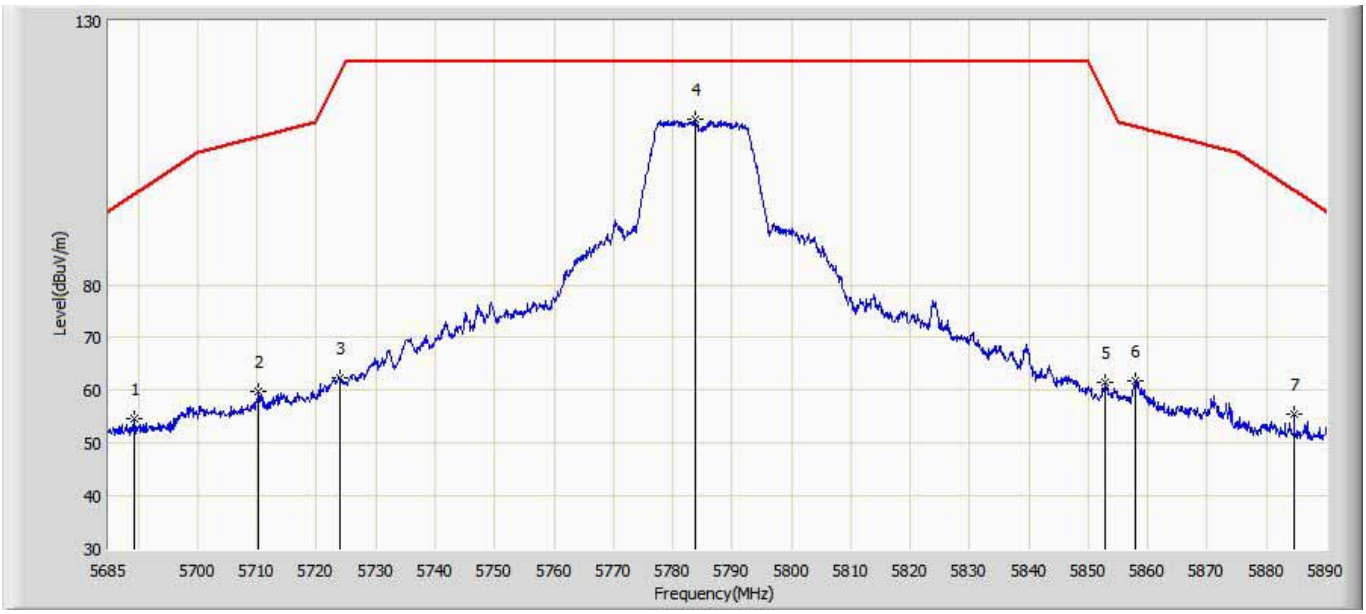
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.505	72.672	34.620	-29.215	101.887	38.052	PK
2		5707.440	78.120	39.955	-29.165	107.285	38.165	PK
3		5724.105	87.157	48.964	-33.003	120.160	38.193	PK
4	*	5743.575	112.489	74.452	-9.711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



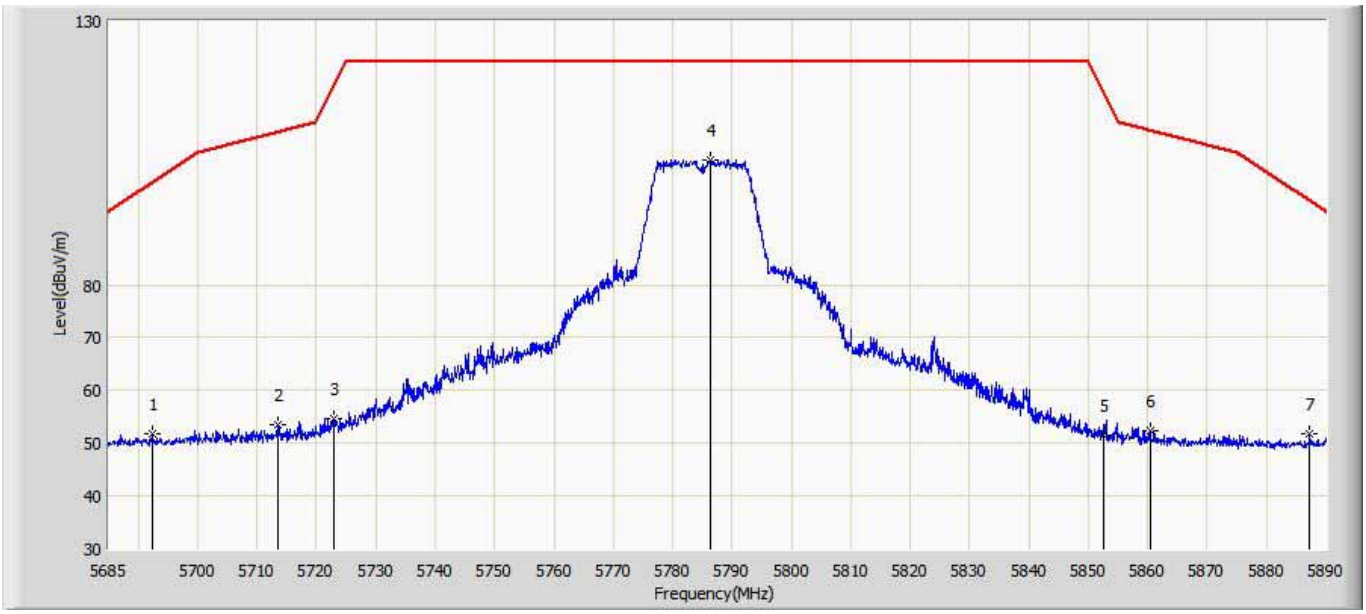
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.395	66.714	28.663	-35.092	101.806	38.051	PK
2		5707.605	71.986	33.819	-35.346	107.332	38.167	PK
3		5724.050	79.626	41.433	-40.408	120.035	38.193	PK
4	*	5743.740	104.974	66.937	-17.226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



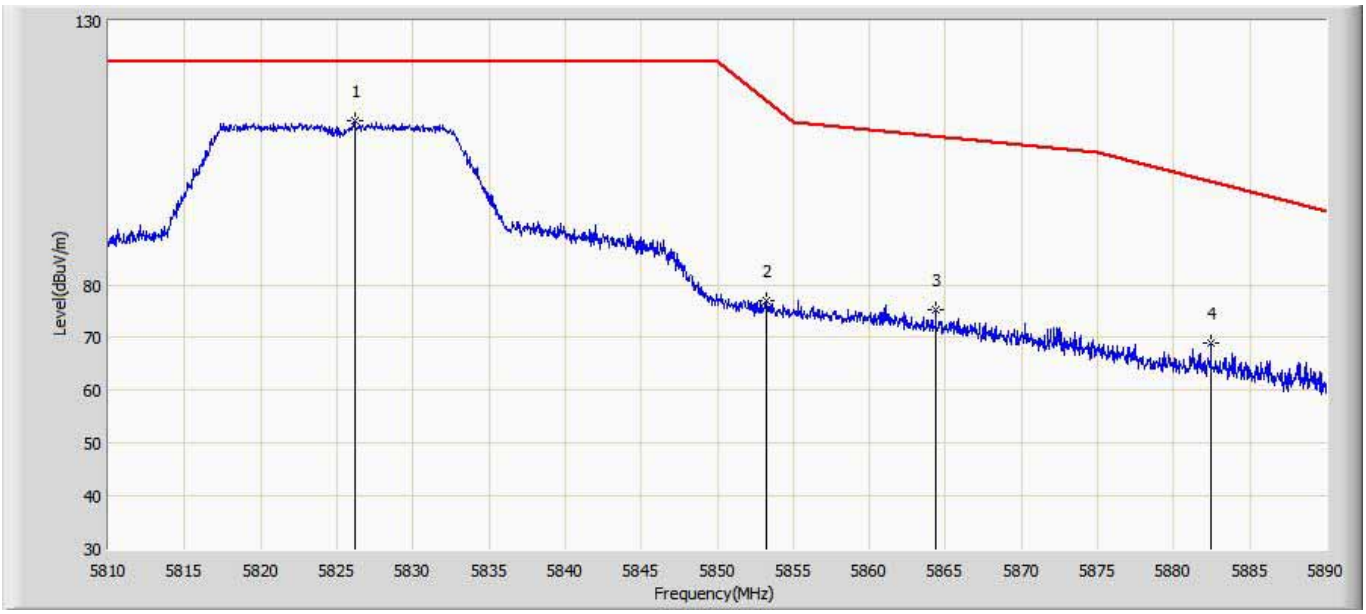
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5689.408	54.636	16.621	-42.753	97.389	38.015	PK
2		5710.317	59.780	21.599	-48.311	108.091	38.181	PK
3		5723.950	62.463	24.270	-57.344	119.807	38.193	PK
4	*	5783.708	111.337	73.247	-10.863	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	



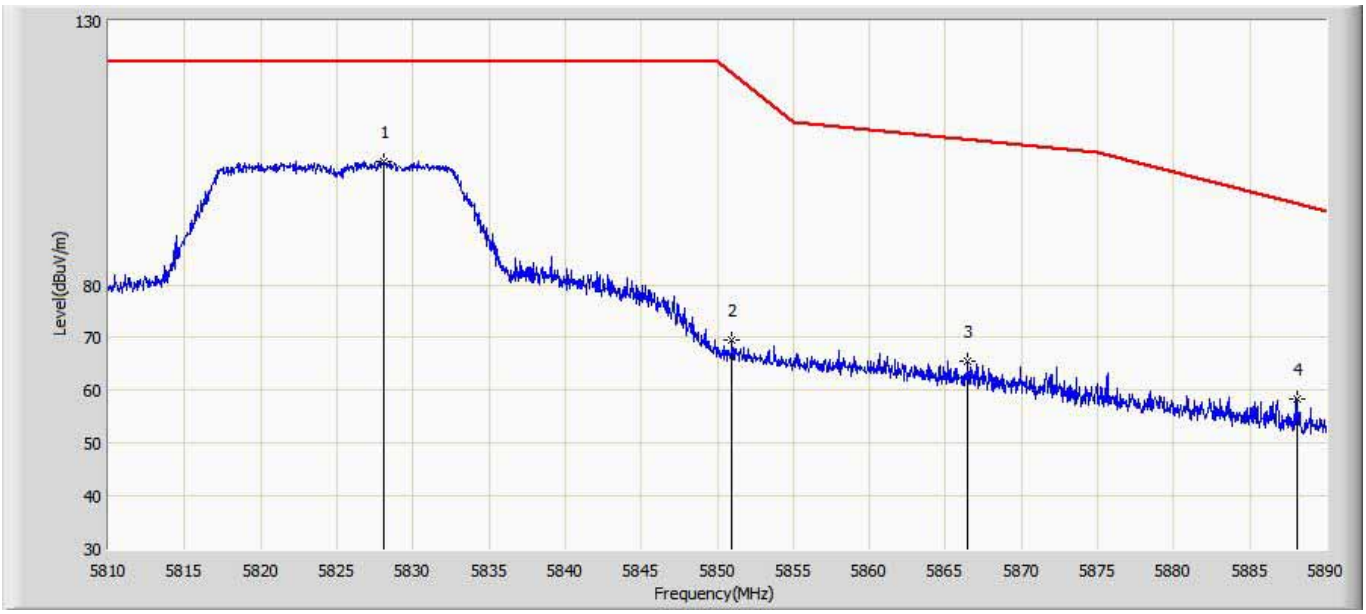
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.380	51.774	13.751	-47.809	99.582	38.023	PK
2		5713.598	53.580	15.396	-55.430	109.010	38.184	PK
3		5722.822	54.658	16.466	-62.577	117.235	38.192	PK
4	*	5786.475	103.753	65.669	-18.447	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	



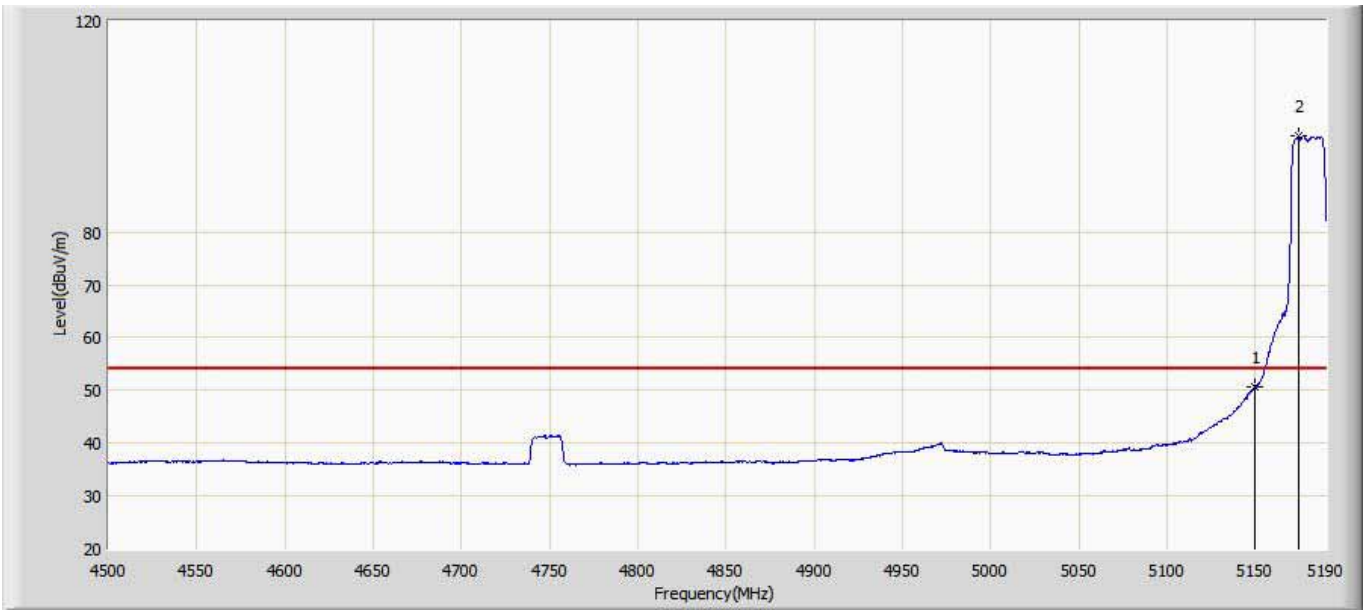
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5826.160	110.971	72.930	-11.229	122.200	38.041	PK
2		5853.240	76.861	38.906	-37.950	114.812	37.955	PK
3		5864.360	75.228	37.273	-32.948	108.177	37.955	PK
4		5882.440	68.938	31.003	-30.736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



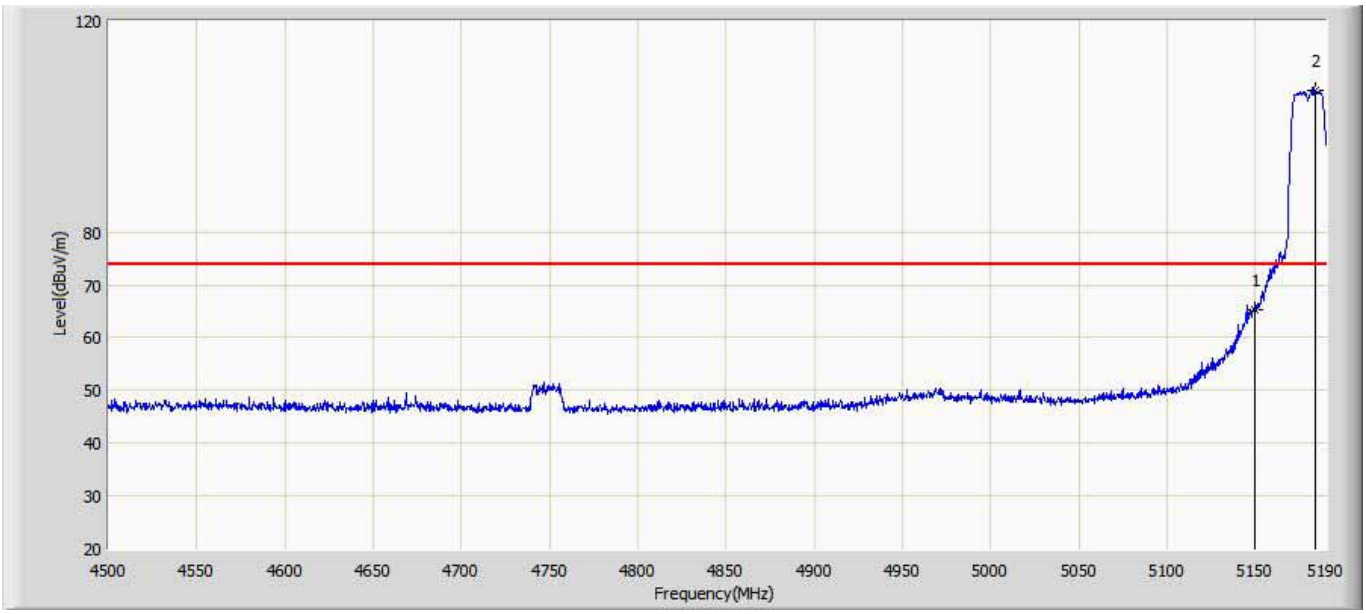
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5828.120	103.218	65.170	-18.982	122.200	38.048	PK
2		5850.960	69.423	31.469	-50.588	120.010	37.954	PK
3		5866.440	65.443	27.493	-42.152	107.594	37.950	PK
4		5888.160	58.399	20.431	-37.032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



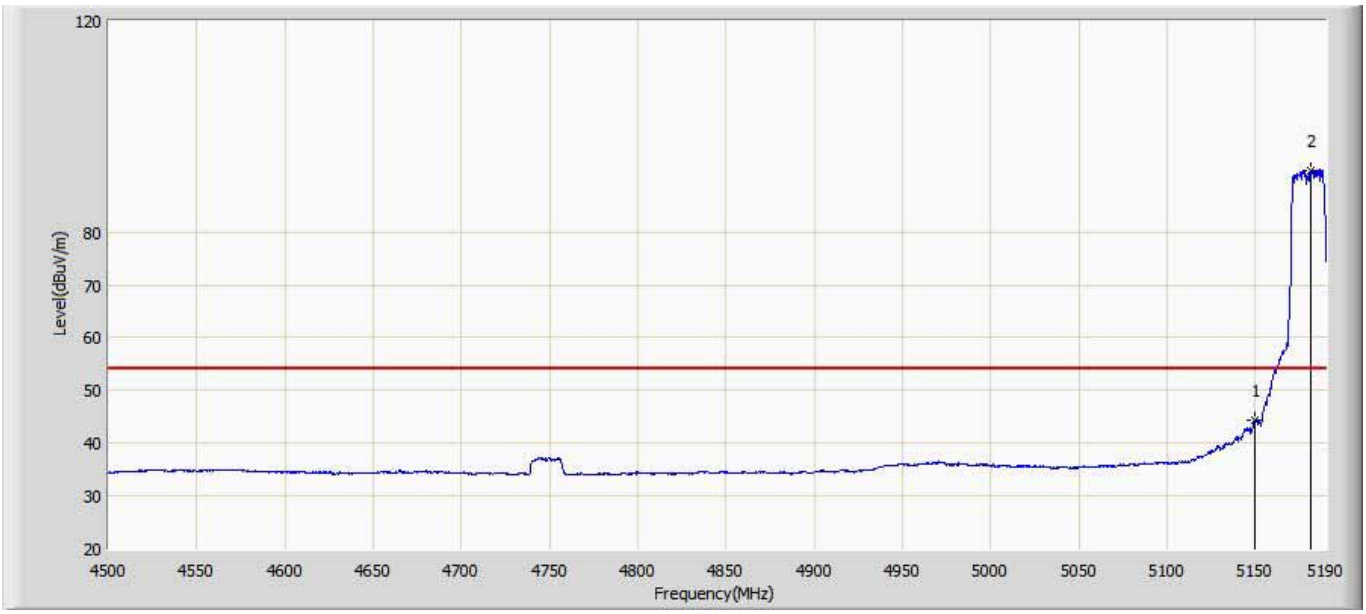
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	50.792	14.127	-3.208	54.000	36.665	AV
2	*	5174.475	98.238	61.597	N/A	N/A	36.641	AV

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	



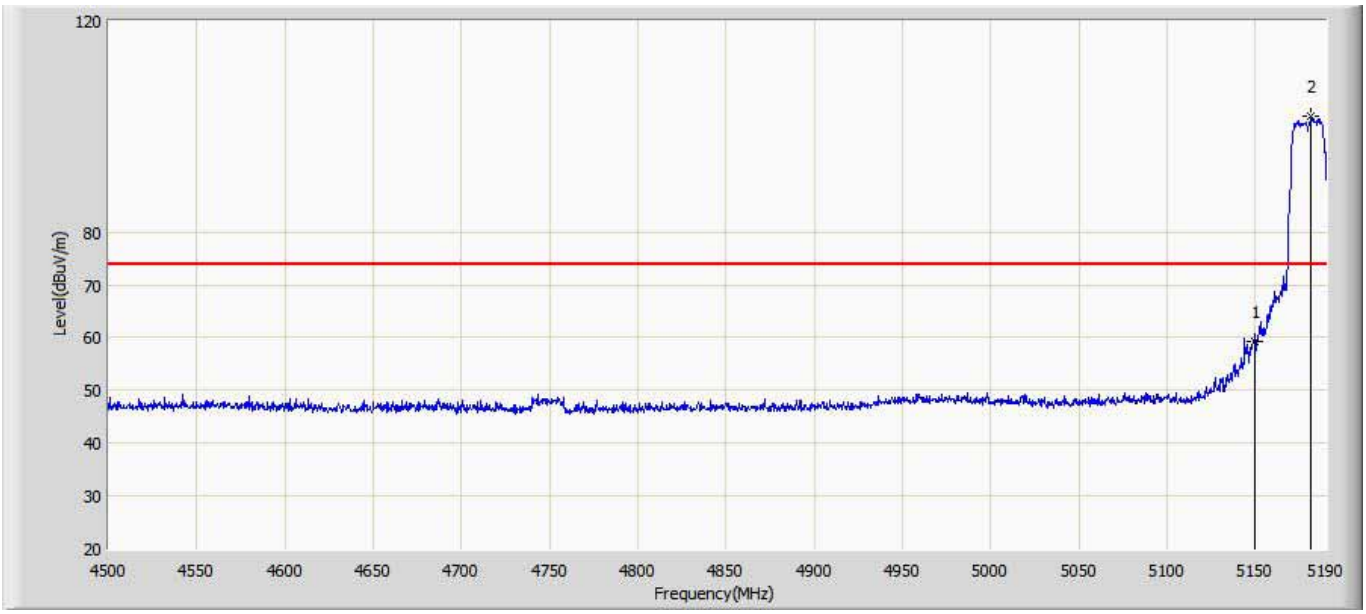
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.257	28.592	-8.743	74.000	36.665	PK
2	*	5184.135	106.802	70.236	N/A	N/A	36.566	PK

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	



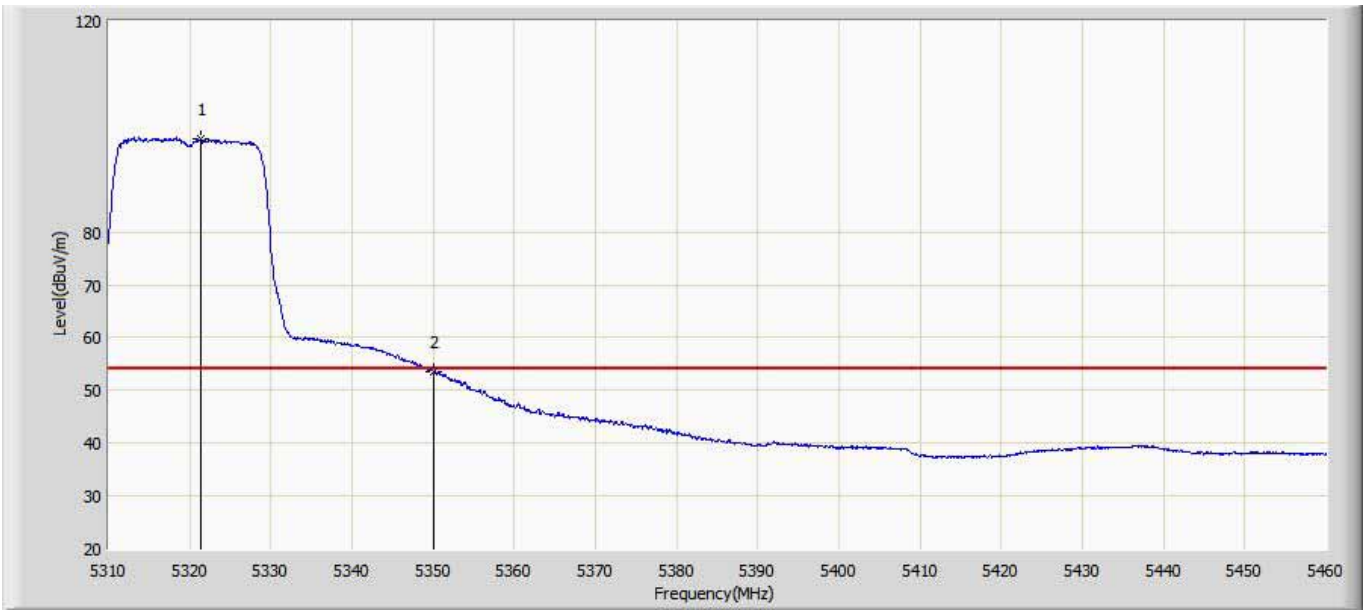
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	44.387	7.722	-9.613	54.000	36.665	AV
2	*	5181.030	91.588	55.010	N/A	N/A	36.578	AV

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	



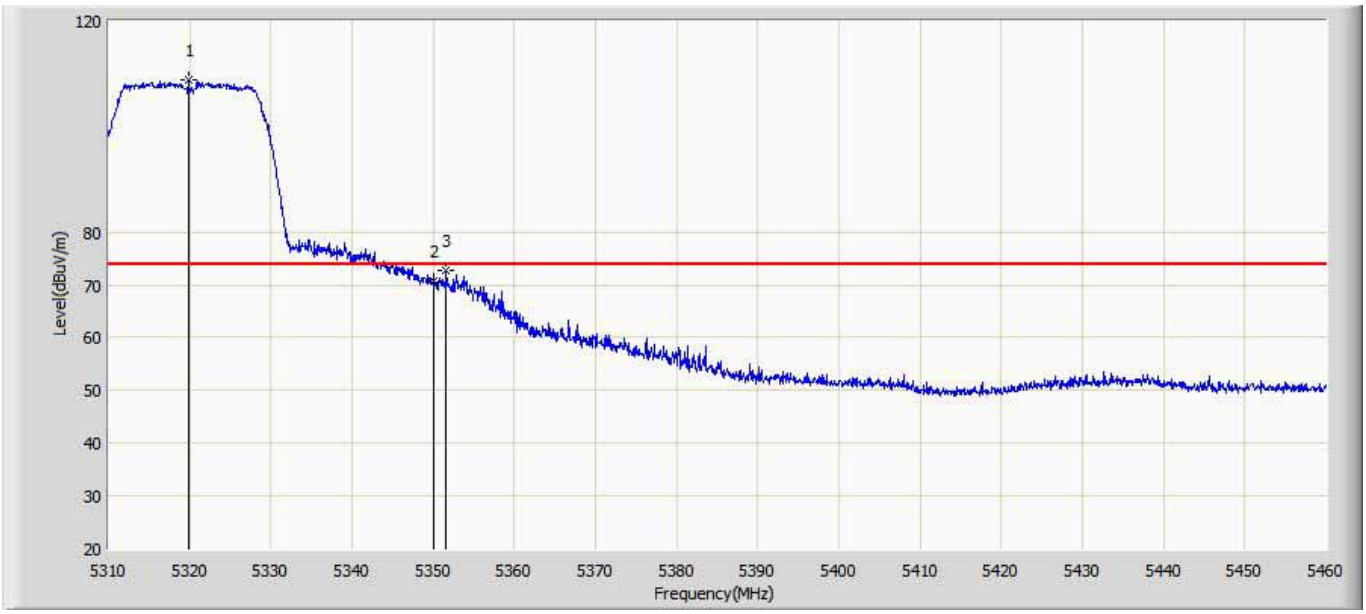
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.366	22.701	-14.634	74.000	36.665	PK
2	*	5181.720	101.922	65.350	N/A	N/A	36.572	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20	



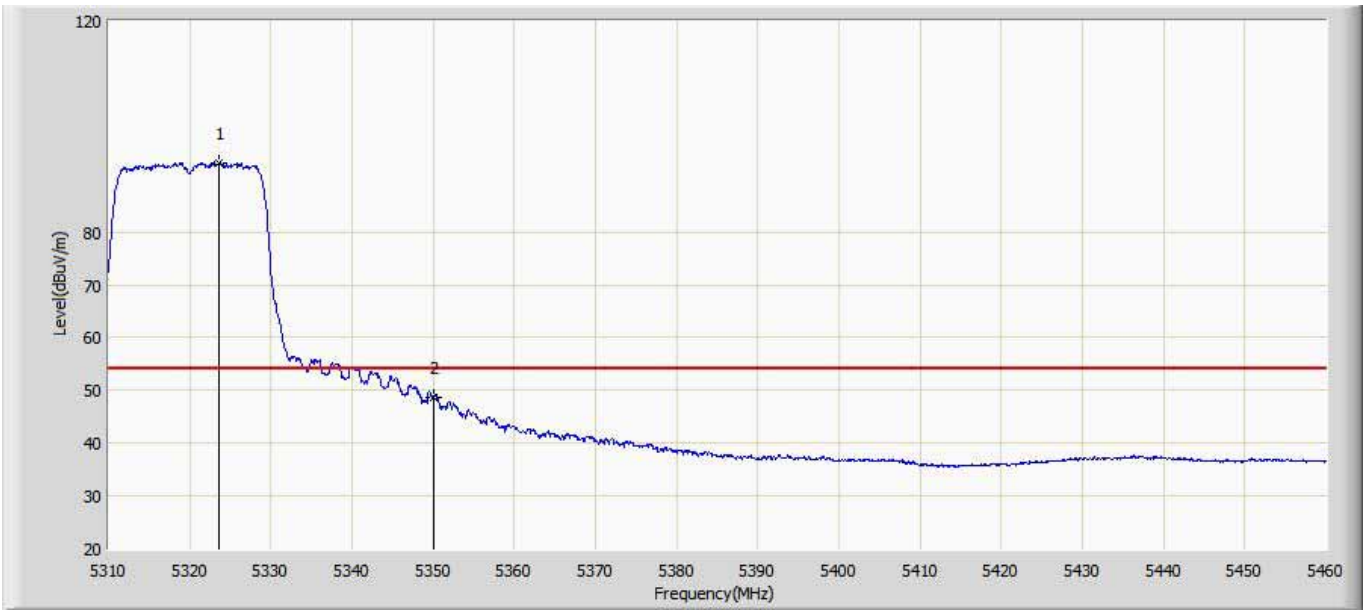
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.400	97.655	60.916	N/A	N/A	36.739	AV
2		5350.000	53.480	16.694	-0.520	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 15:58
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 2:Transmit at 5320MHz by 802.11n20	



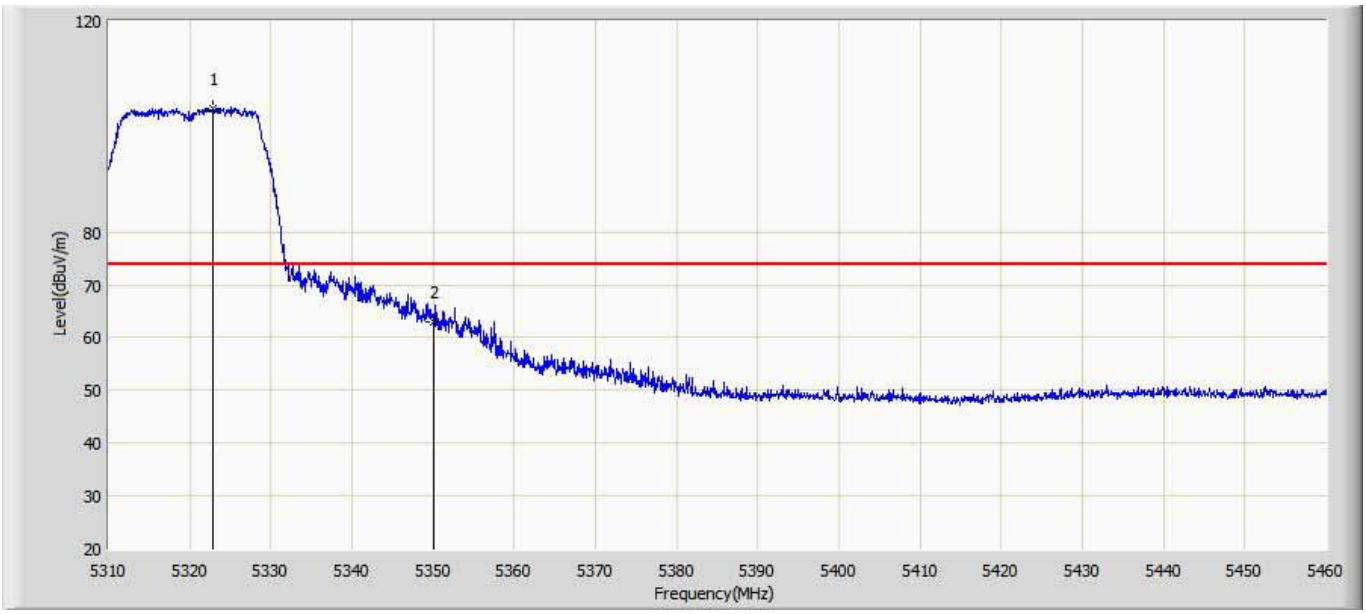
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5319.825	108.714	71.989	N/A	N/A	36.725	PK
2		5350.000	70.631	33.845	-3.369	74.000	36.786	PK
3		5351.625	72.754	35.976	-1.246	74.000	36.778	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:00
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20	



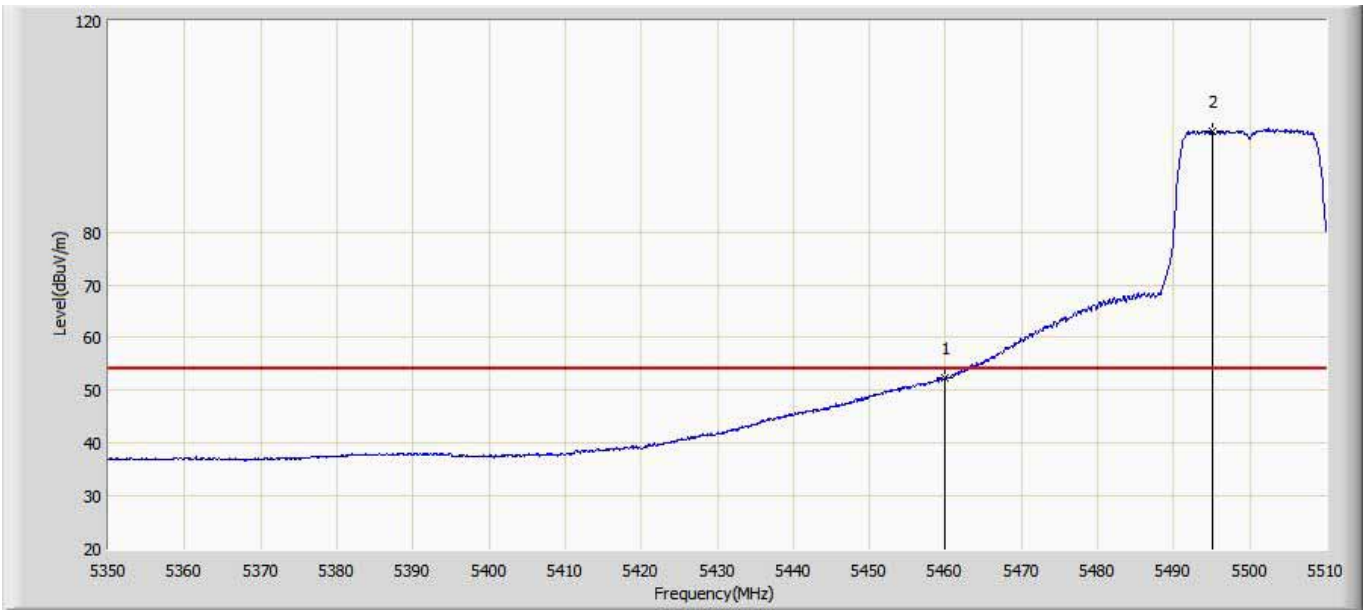
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.650	93.156	56.396	N/A	N/A	36.760	AV
2		5350.000	48.777	11.991	-5.223	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:02
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5320MHz by 802.11n20	



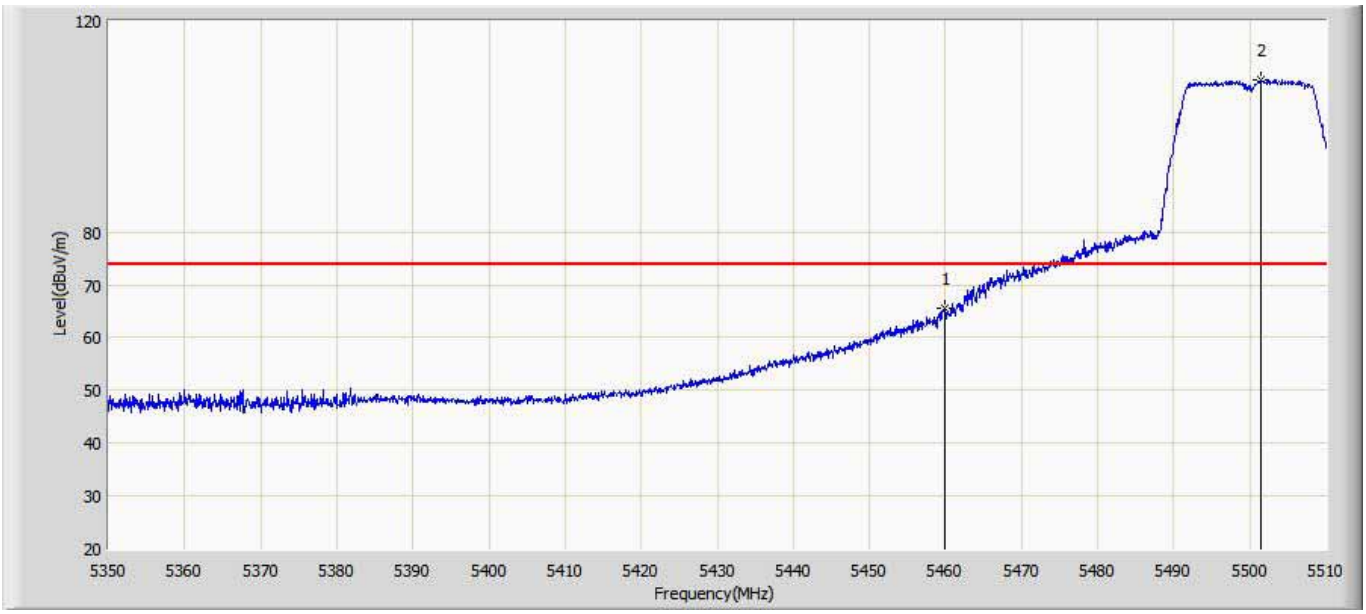
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.900	103.431	66.678	N/A	N/A	36.753	PK
2		5350.000	63.085	26.299	-10.915	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:05
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20	



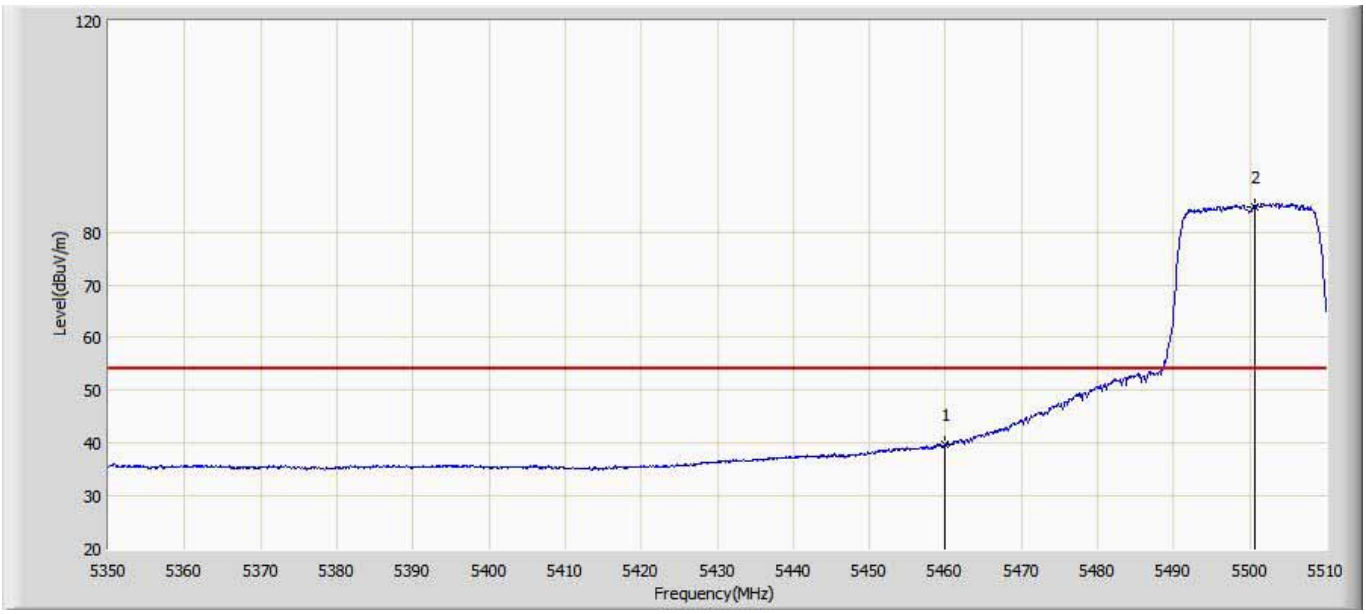
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	52.413	14.267	-1.587	54.000	38.146	AV
2	*	5495.120	99.143	61.025	N/A	N/A	38.118	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:16
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20	



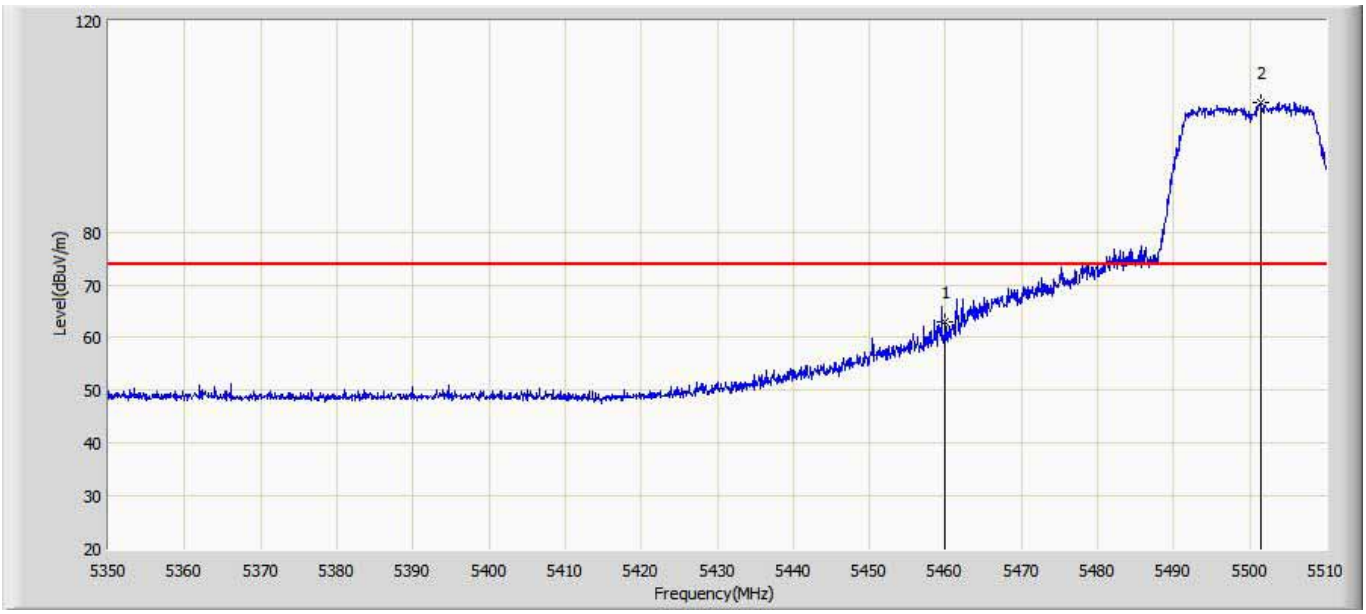
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	65.682	27.536	-8.318	74.000	38.146	PK
2	*	5501.360	108.796	70.687	N/A	N/A	38.109	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:18
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 2:Transmit at 5500MHz by 802.11n20	



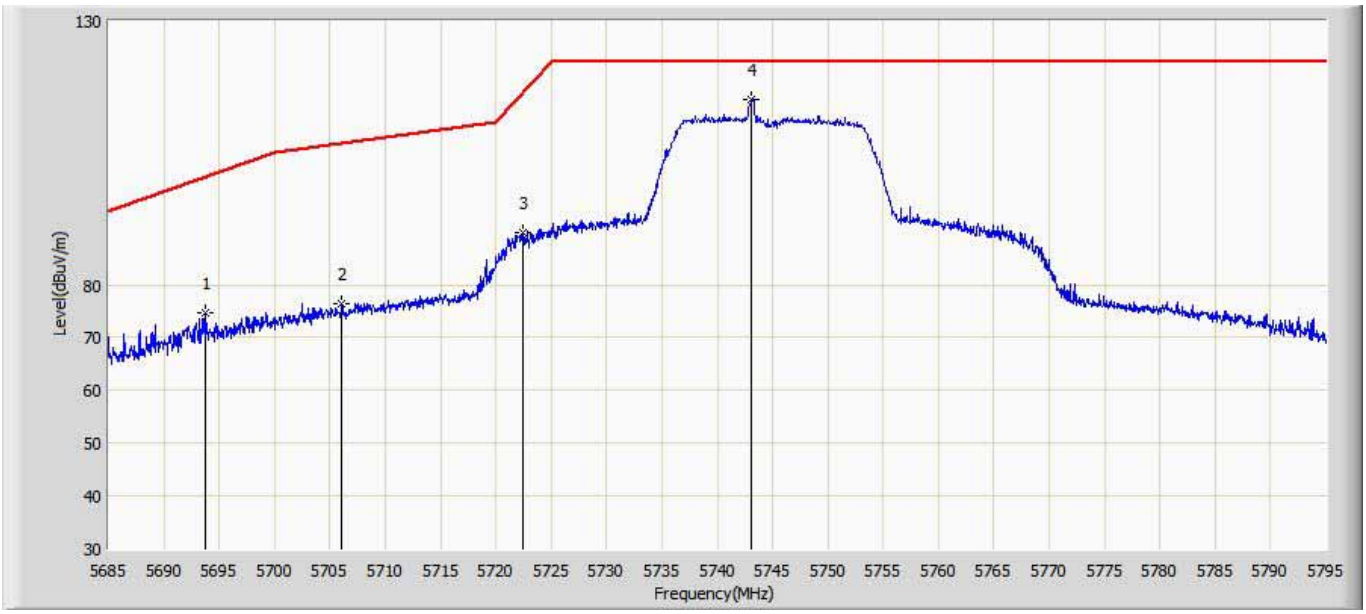
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	39.691	1.545	-14.309	54.000	38.146	AV
2	*	5500.640	84.717	46.607	N/A	N/A	38.110	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/30 - 16:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 2:Transmit at 5500MHz by 802.11n20	



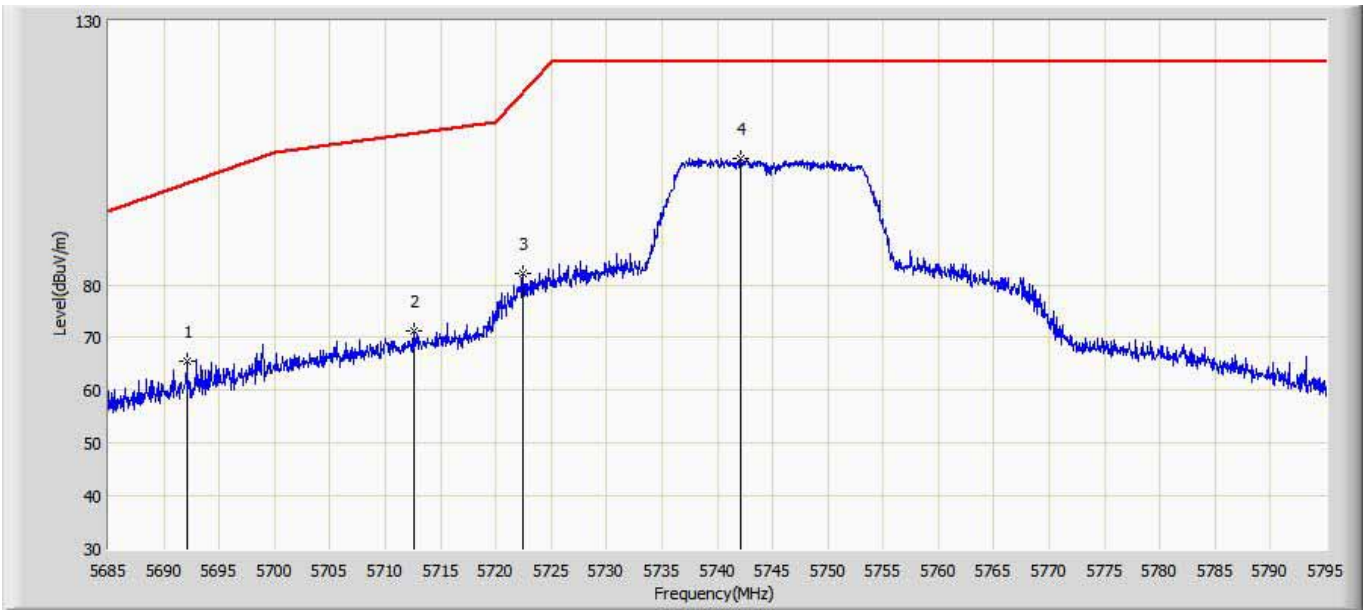
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	62.934	24.788	-11.066	74.000	38.146	PK
2	*	5501.520	104.644	66.535	N/A	N/A	38.109	PK

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	



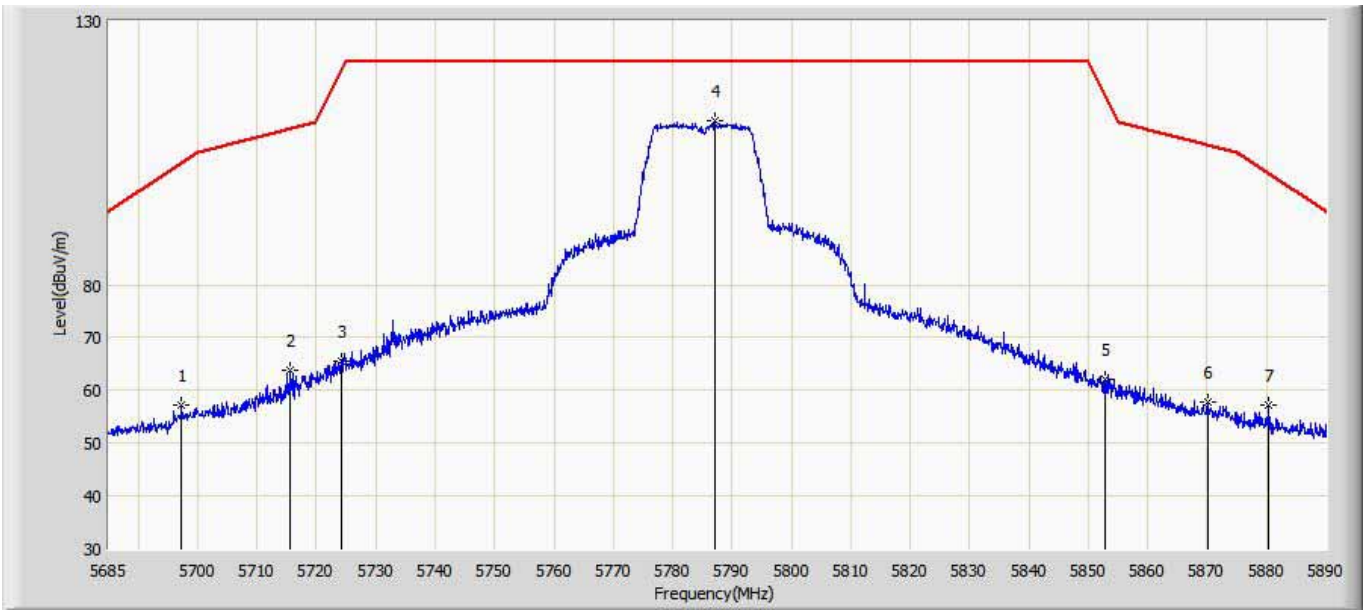
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.800	74.770	36.734	-25.860	100.630	38.036	PK
2		5706.065	76.483	38.331	-30.417	106.900	38.152	PK
3		5722.455	89.864	51.672	-26.535	116.399	38.192	PK
4	*	5743.135	115.043	77.004	-7.157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



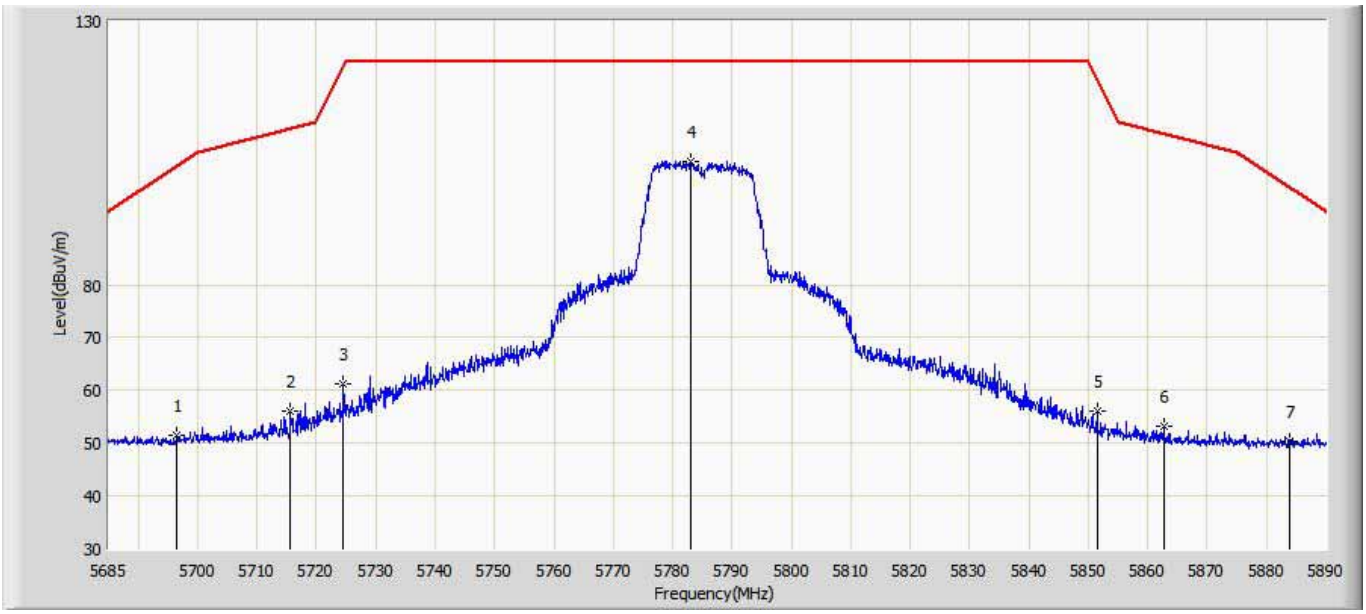
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5692.040	65.629	27.610	-33.702	99.331	38.019	PK
2		5712.665	71.374	33.191	-37.374	108.748	38.183	PK
3		5722.400	82.197	44.005	-34.076	116.273	38.192	PK
4	*	5742.090	103.810	65.762	-18.390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



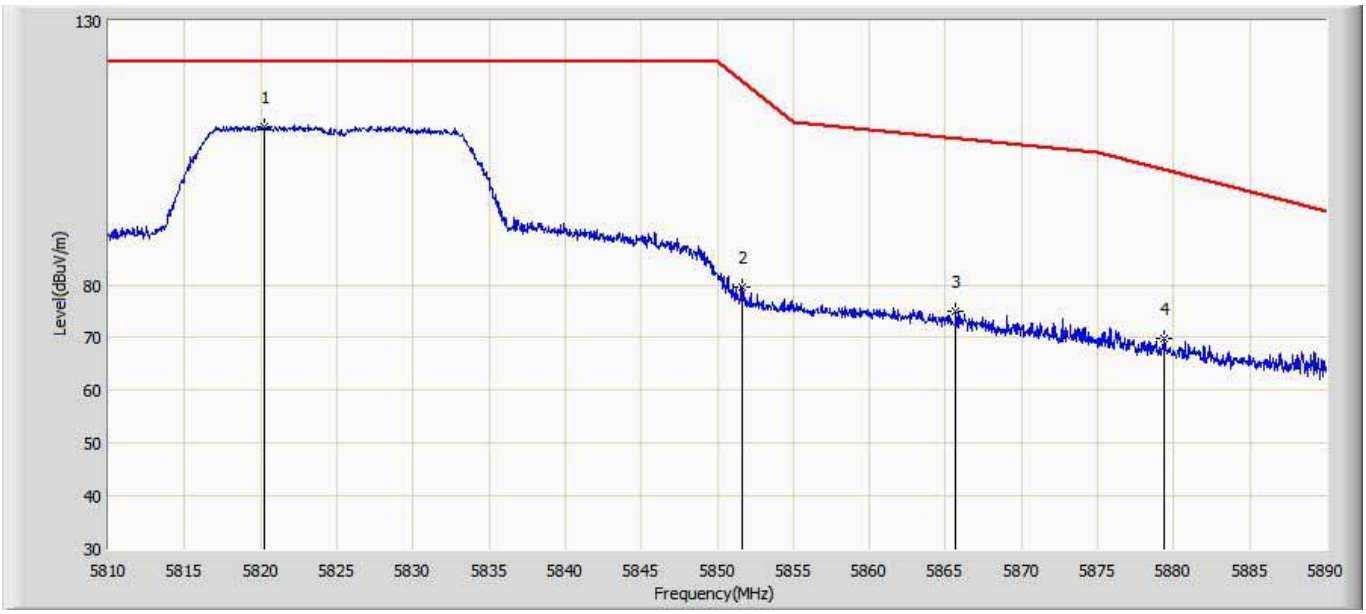
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5697.300	57.159	19.090	-46.051	103.210	38.069	PK
2		5715.545	63.776	25.590	-45.779	109.554	38.186	PK
3		5724.155	65.658	27.465	-54.616	120.274	38.193	PK
4	*	5787.090	111.010	72.928	-11.190	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	



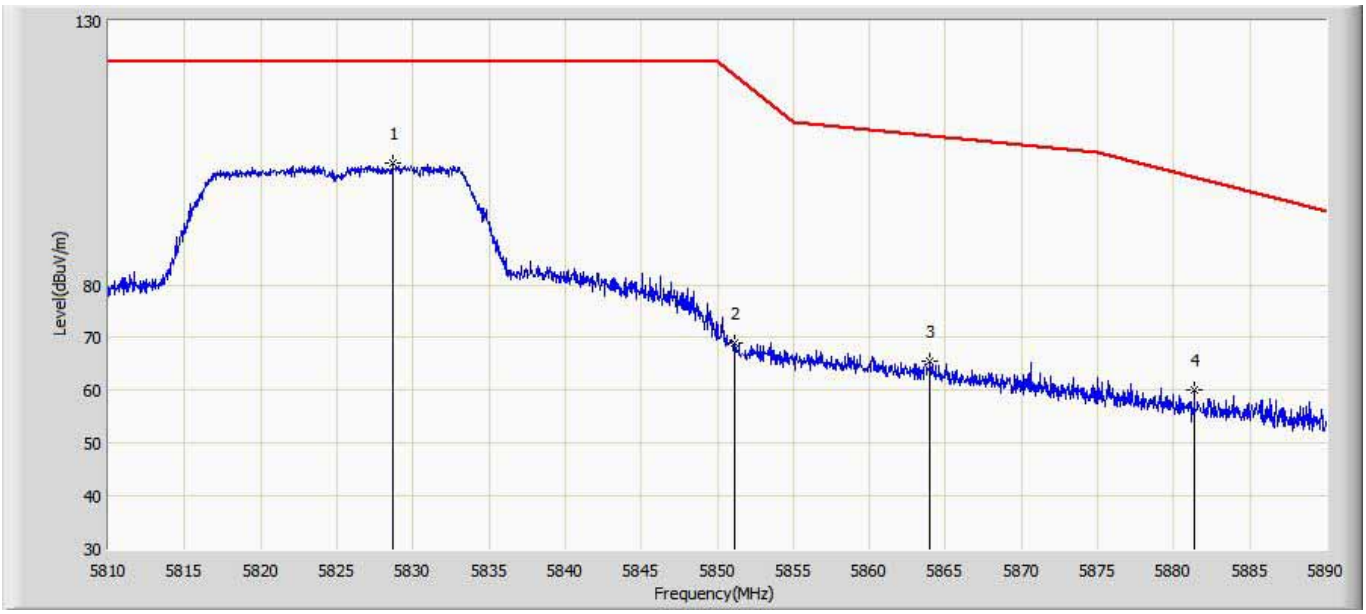
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.583	51.387	13.325	-51.294	102.682	38.062	PK
2		5715.545	55.945	17.759	-53.610	109.554	38.186	PK
3		5724.462	61.124	22.930	-59.850	120.974	38.194	PK
4	*	5783.092	103.486	65.394	-18.714	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	



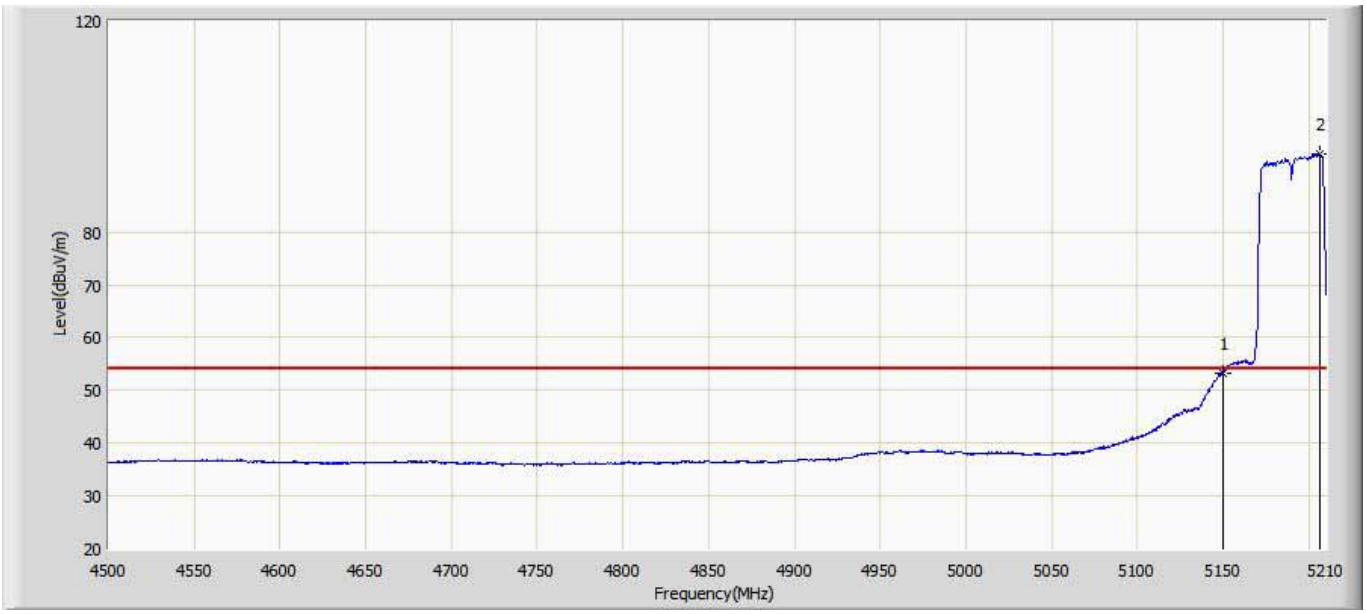
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5820.240	110.026	72.011	-12.174	122.200	38.015	PK
2		5851.680	79.570	41.616	-38.798	118.369	37.954	PK
3		5865.680	75.117	37.165	-32.690	107.807	37.952	PK
4		5879.400	69.714	31.797	-32.217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



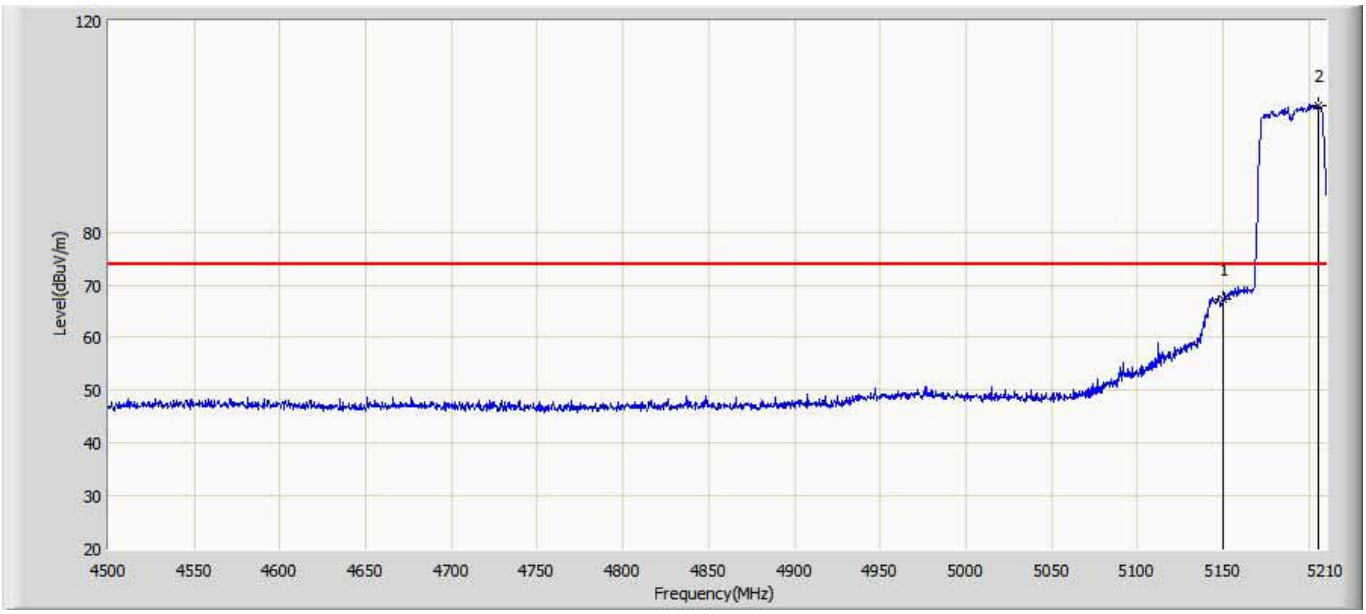
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5828.640	102.989	64.944	-19.211	122.200	38.045	PK
2		5851.120	68.990	31.036	-50.656	119.646	37.954	PK
3		5864.000	65.613	27.657	-42.664	108.278	37.956	PK
4		5881.360	60.150	22.221	-40.326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



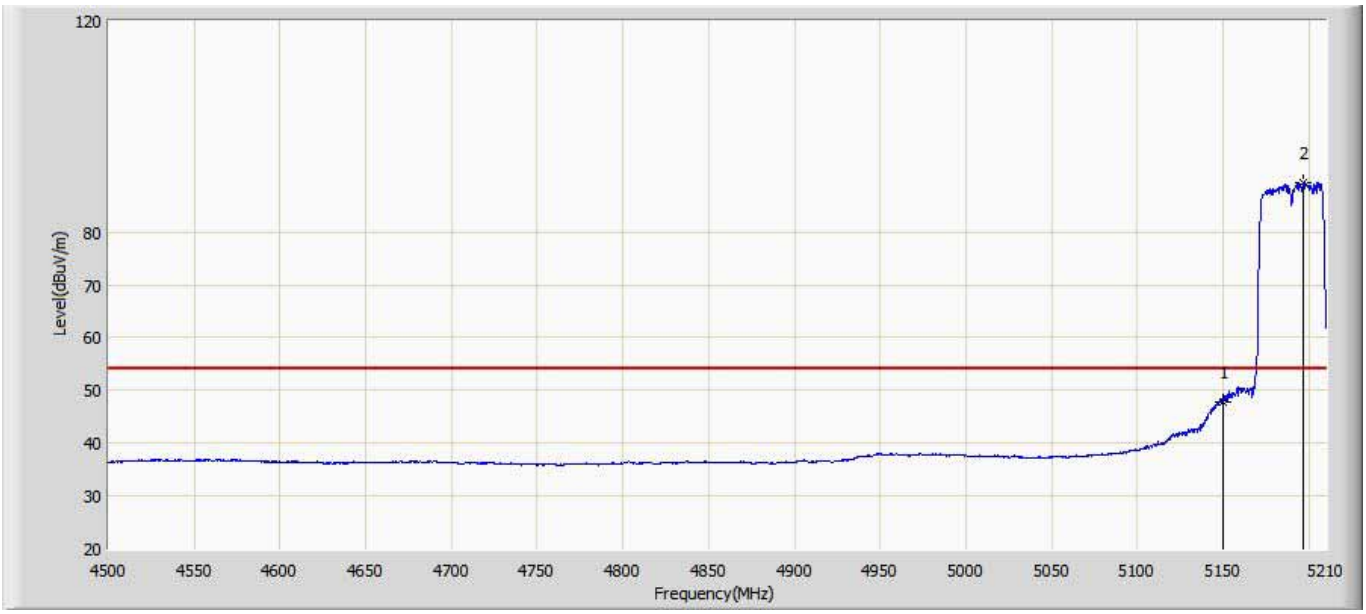
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	53.172	16.507	-0.828	54.000	36.665	AV
2	*	5206.805	94.728	58.093	N/A	N/A	36.635	AV

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	



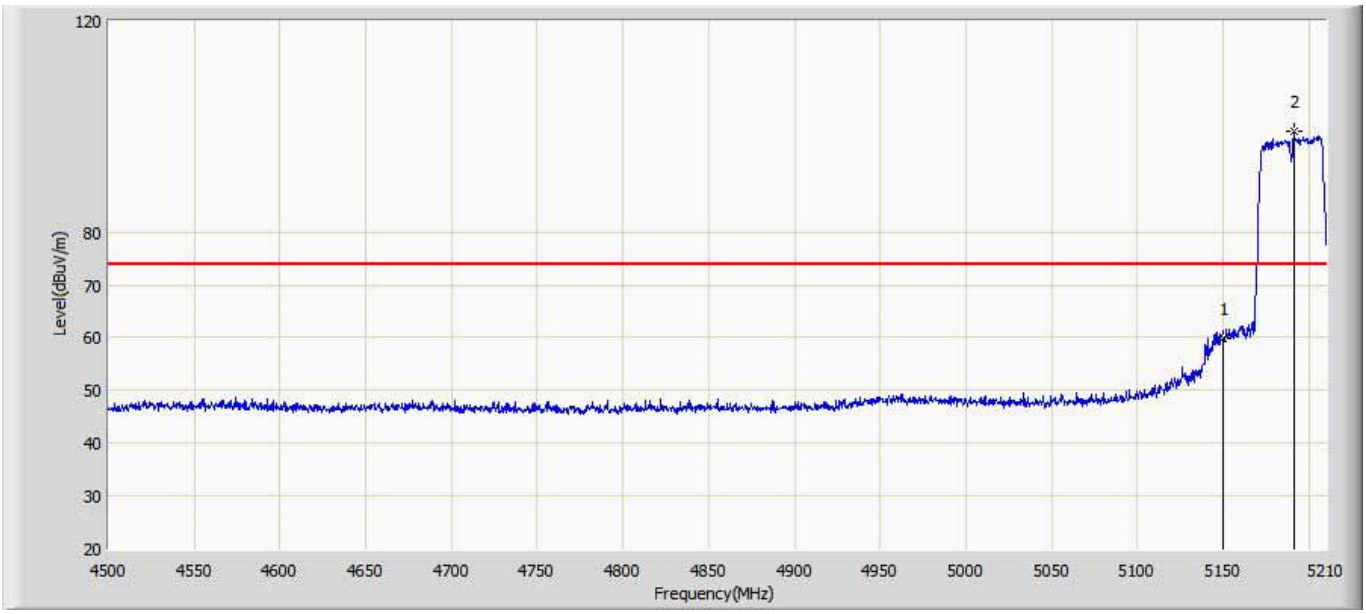
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	67.360	30.695	-6.640	74.000	36.665	PK
2	*	5205.385	104.036	67.418	N/A	N/A	36.618	PK

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	



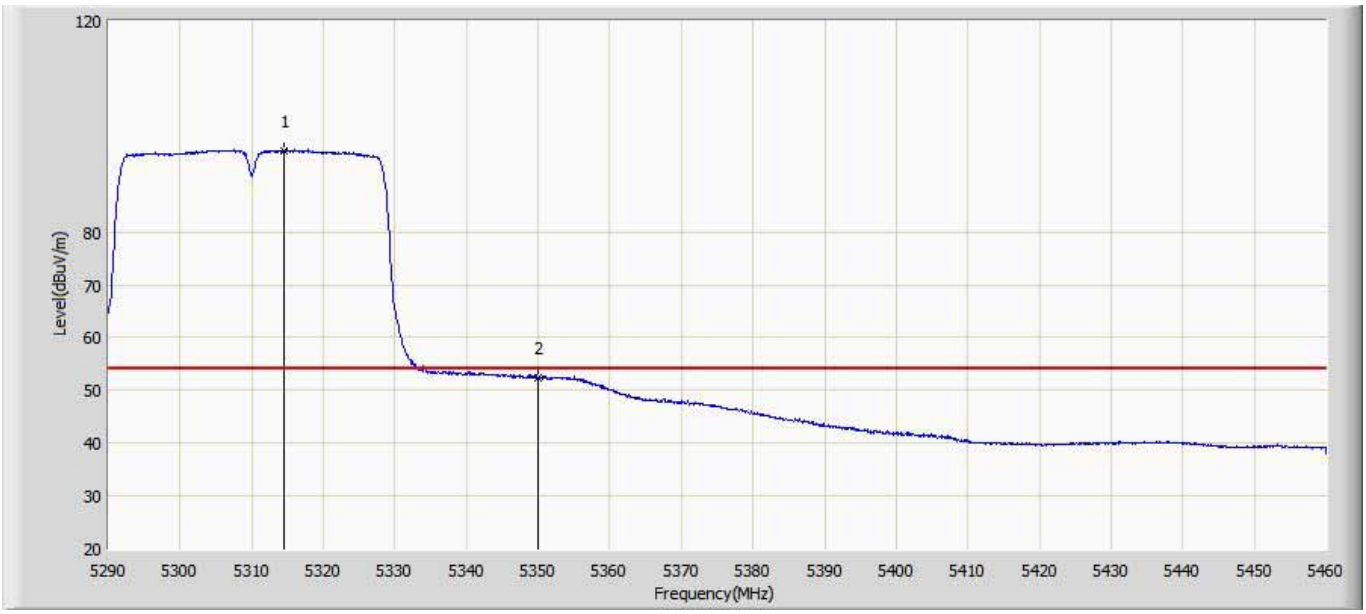
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	47.849	11.184	-6.151	54.000	36.665	AV
2	*	5196.865	89.232	52.683	N/A	N/A	36.549	AV

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	



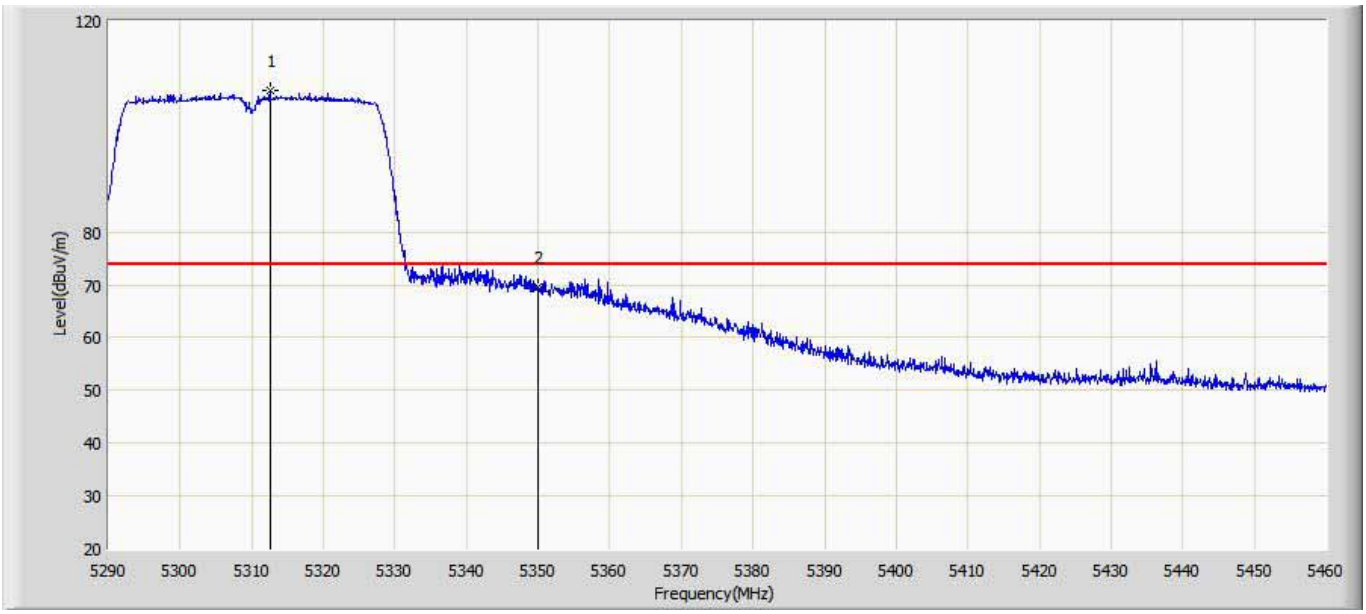
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	59.837	23.172	-14.163	74.000	36.665	PK
2	*	5191.185	98.998	62.441	N/A	N/A	36.557	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 09:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40	



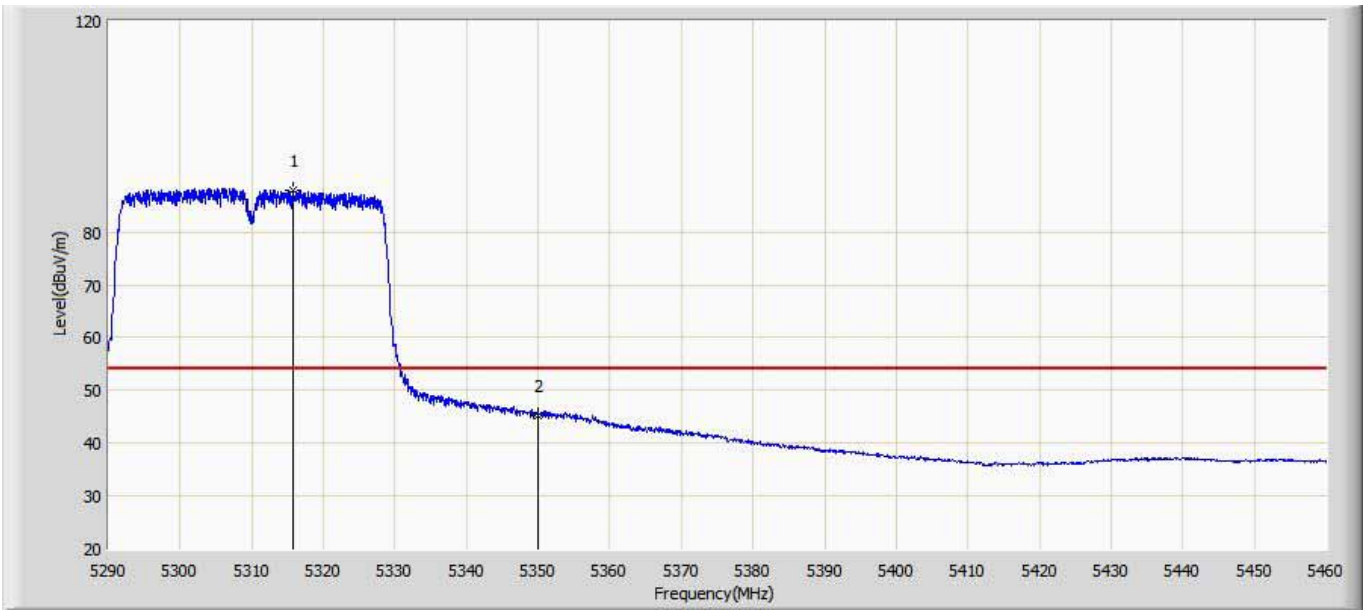
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5314.565	95.393	58.695	N/A	N/A	36.698	AV
2		5350.000	52.322	15.536	-1.678	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 09:51
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40	



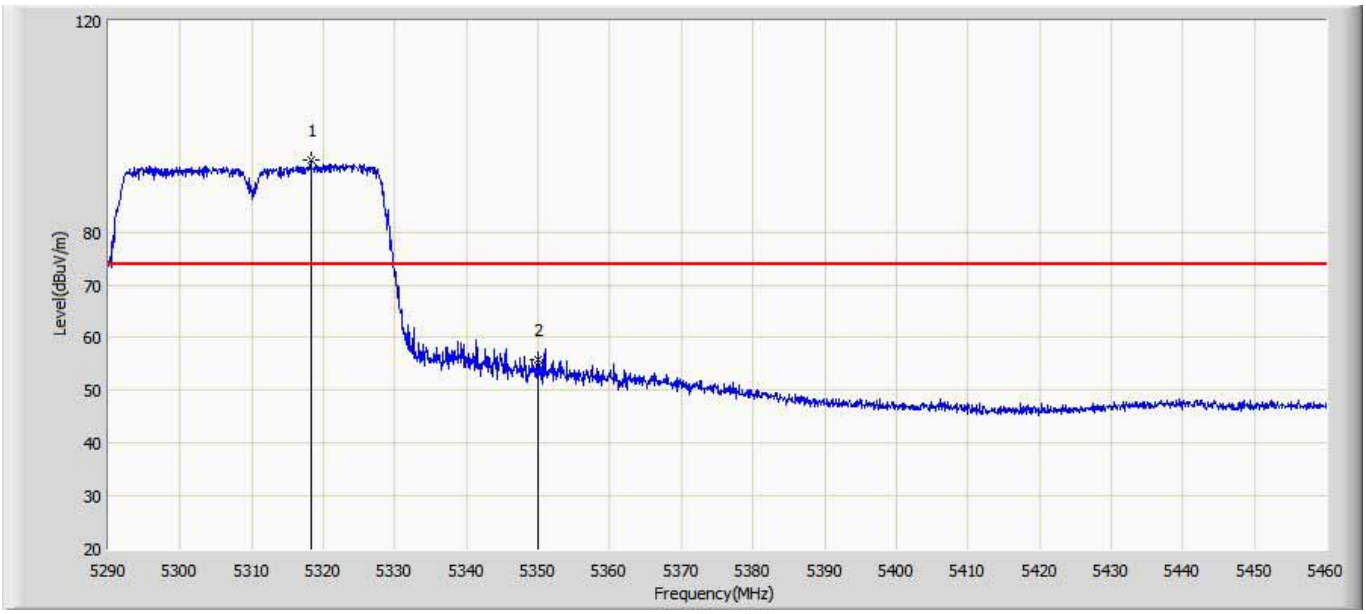
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.525	106.817	70.125	N/A	N/A	36.692	PK
2		5350.000	69.498	32.712	-4.502	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 09:52
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40	



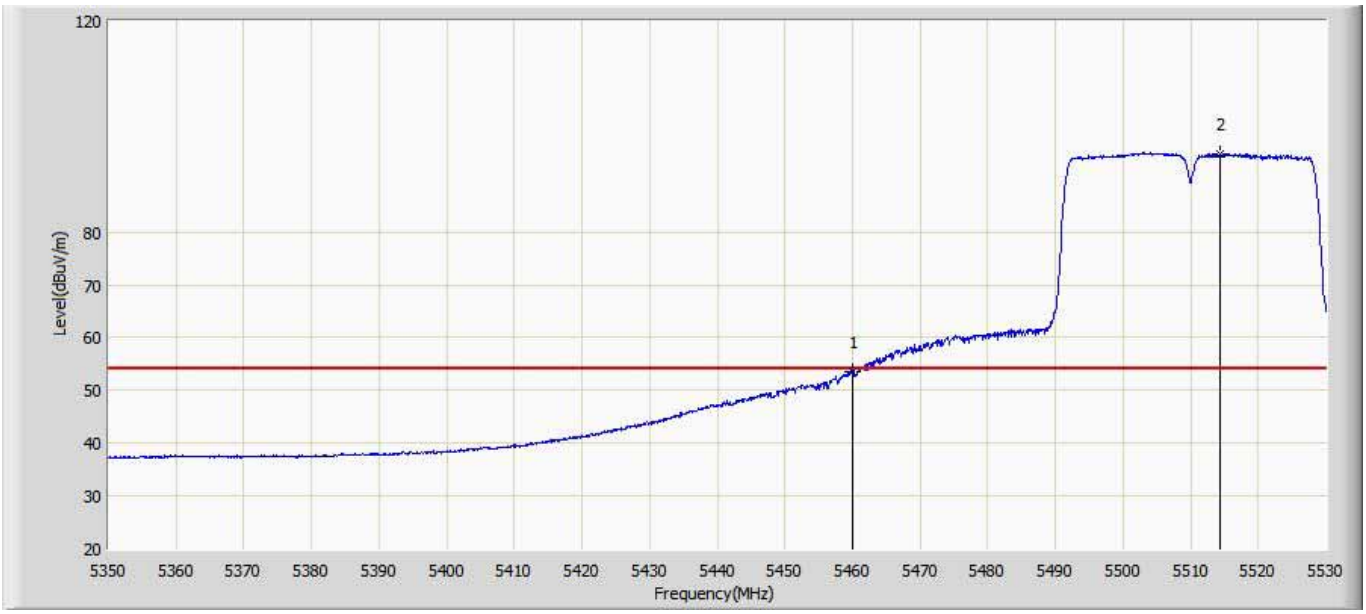
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5315.755	87.866	51.165	N/A	N/A	36.701	AV
2		5350.000	45.217	8.431	-8.783	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 09:55
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5310MHz by 802.11n40	



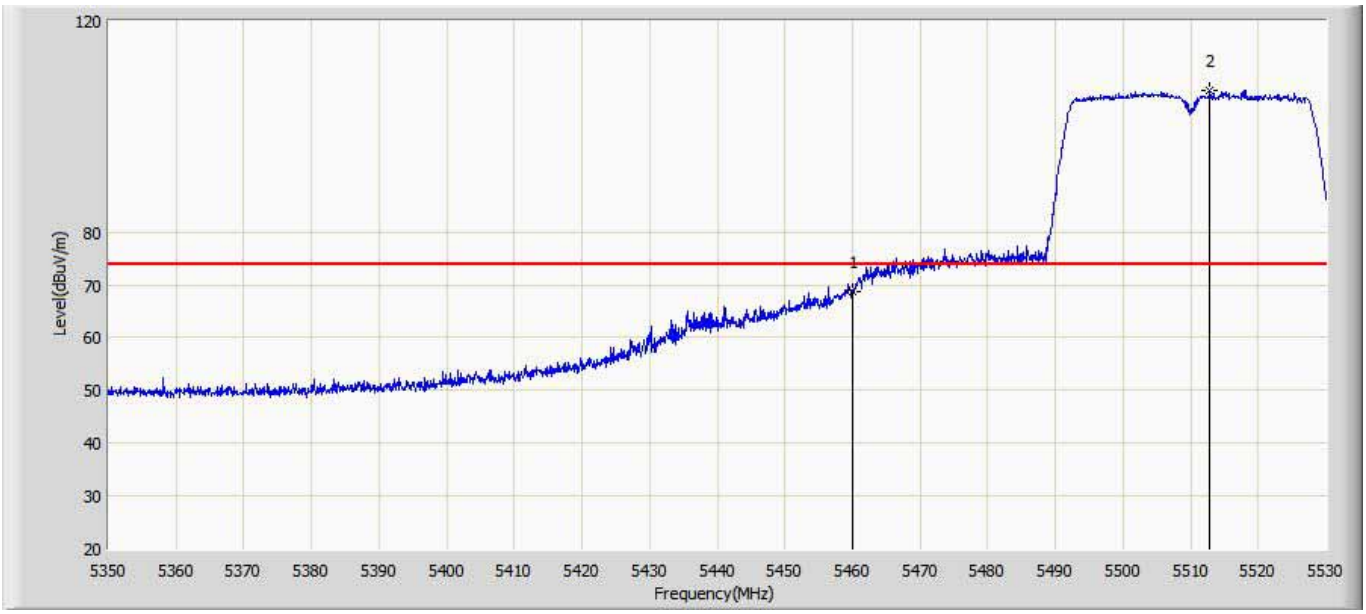
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.220	93.503	56.793	N/A	N/A	36.710	PK
2		5350.000	55.924	19.138	-18.076	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 09:57
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40	



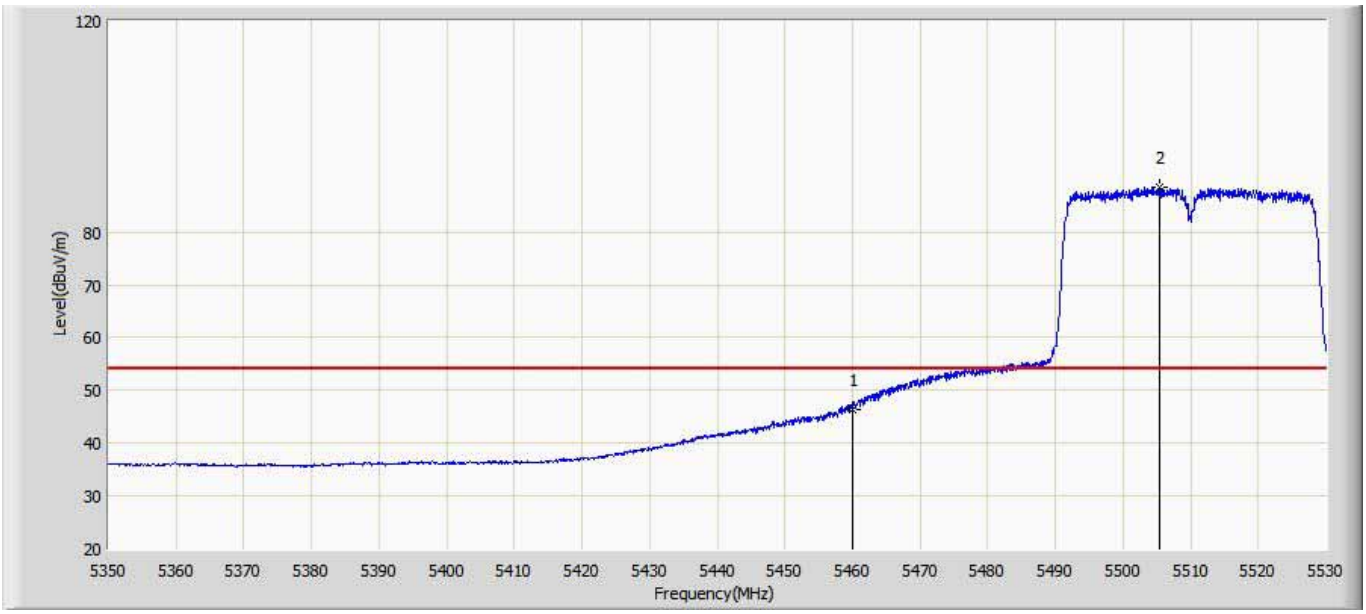
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	53.418	15.272	-0.582	54.000	38.146	AV
2	*	5514.250	94.869	56.743	N/A	N/A	38.126	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 10:01
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 3:Transmit at 5510MHz by 802.11n40	



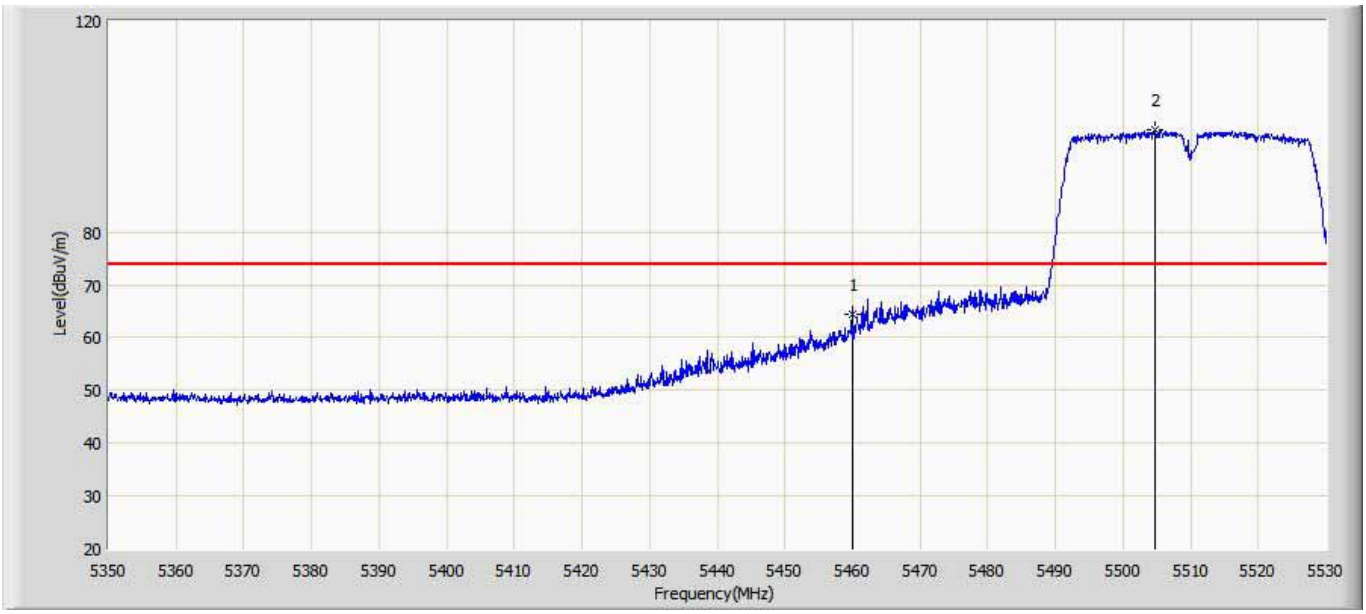
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	68.790	30.644	-5.210	74.000	38.146	PK
2	*	5512.810	106.899	68.777	N/A	N/A	38.122	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 10:03
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 3:Transmit at 5510MHz by 802.11n40	



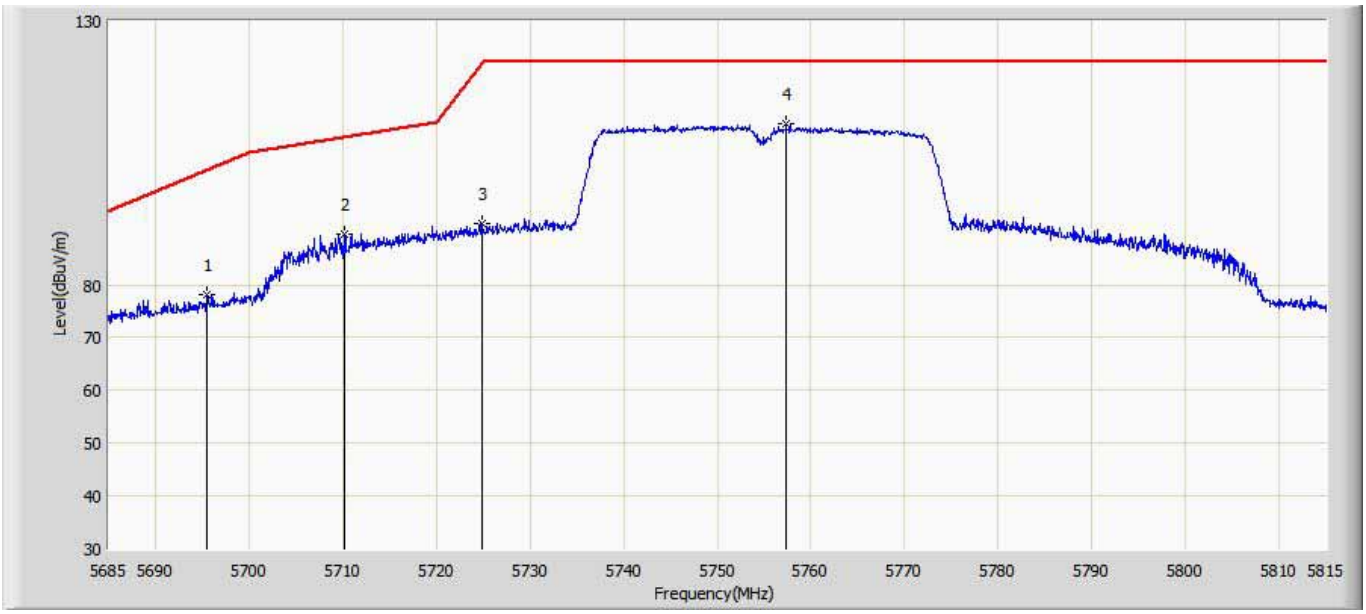
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	46.443	8.297	-7.557	54.000	38.146	AV
2	*	5505.430	88.500	50.395	N/A	N/A	38.105	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 10:05
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 3:Transmit at 5510MHz by 802.11n40	



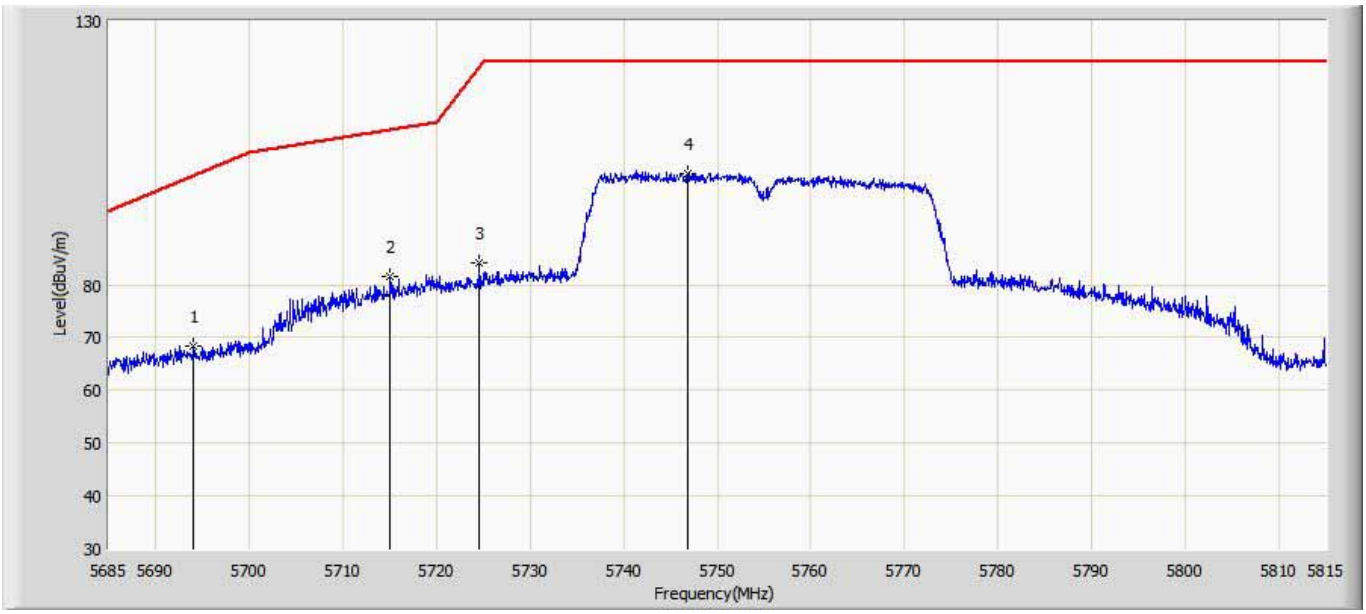
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	64.344	26.198	-9.656	74.000	38.146	PK
2	*	5504.710	99.330	61.226	N/A	N/A	38.104	PK

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	



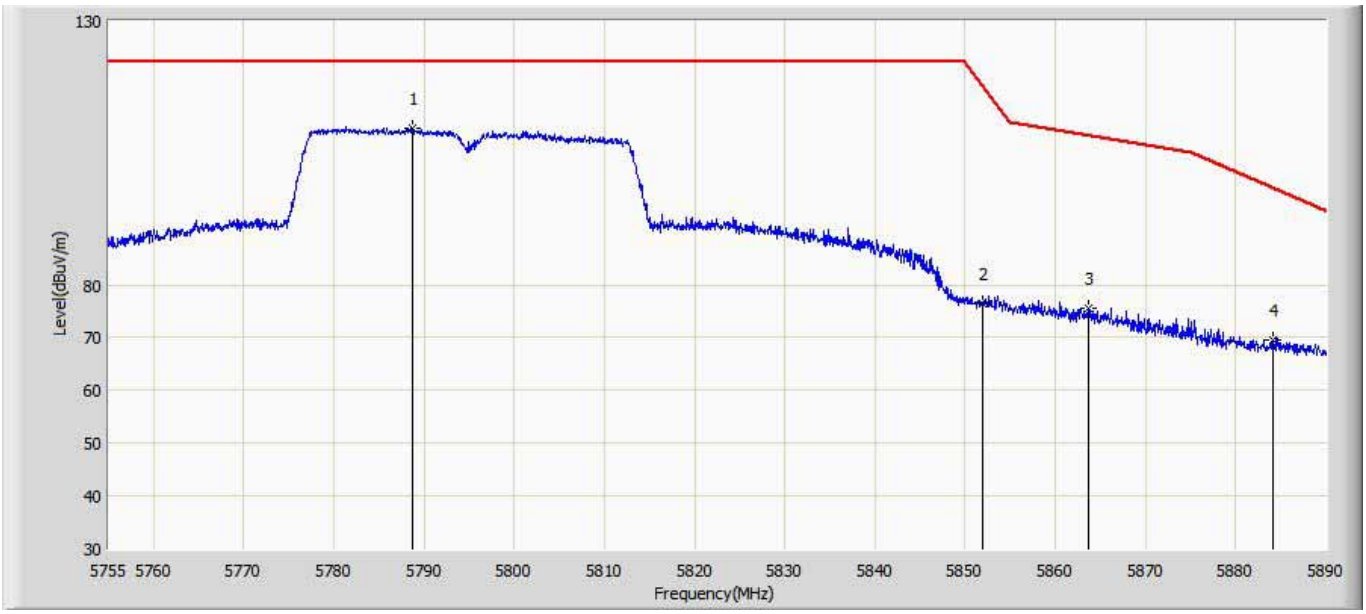
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.530	78.223	40.171	-23.682	101.905	38.052	PK
2		5710.220	89.490	51.309	-18.574	108.064	38.181	PK
3		5724.845	91.494	53.300	-30.353	121.847	38.194	PK
4	*	5757.345	110.537	72.562	-11.663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



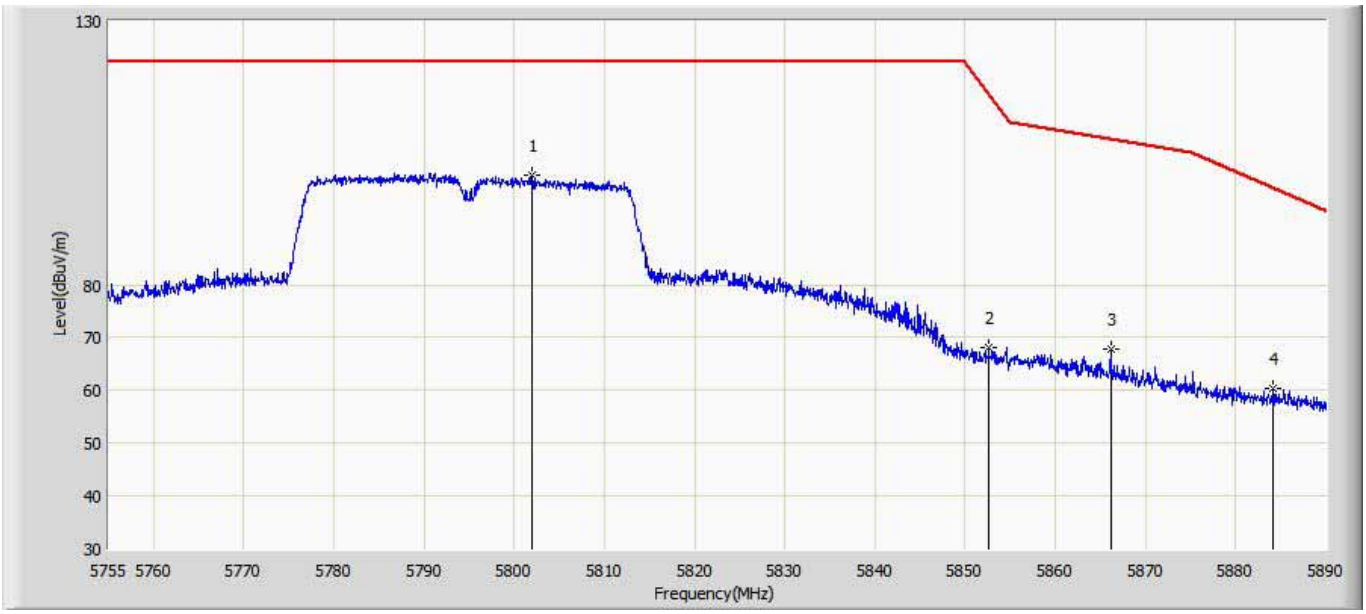
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5694.035	68.259	30.221	-32.544	100.803	38.038	PK
2		5715.030	81.540	43.355	-27.870	109.410	38.185	PK
3		5724.585	84.287	46.093	-36.967	121.254	38.194	PK
4	*	5746.880	101.036	63.014	-21.164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



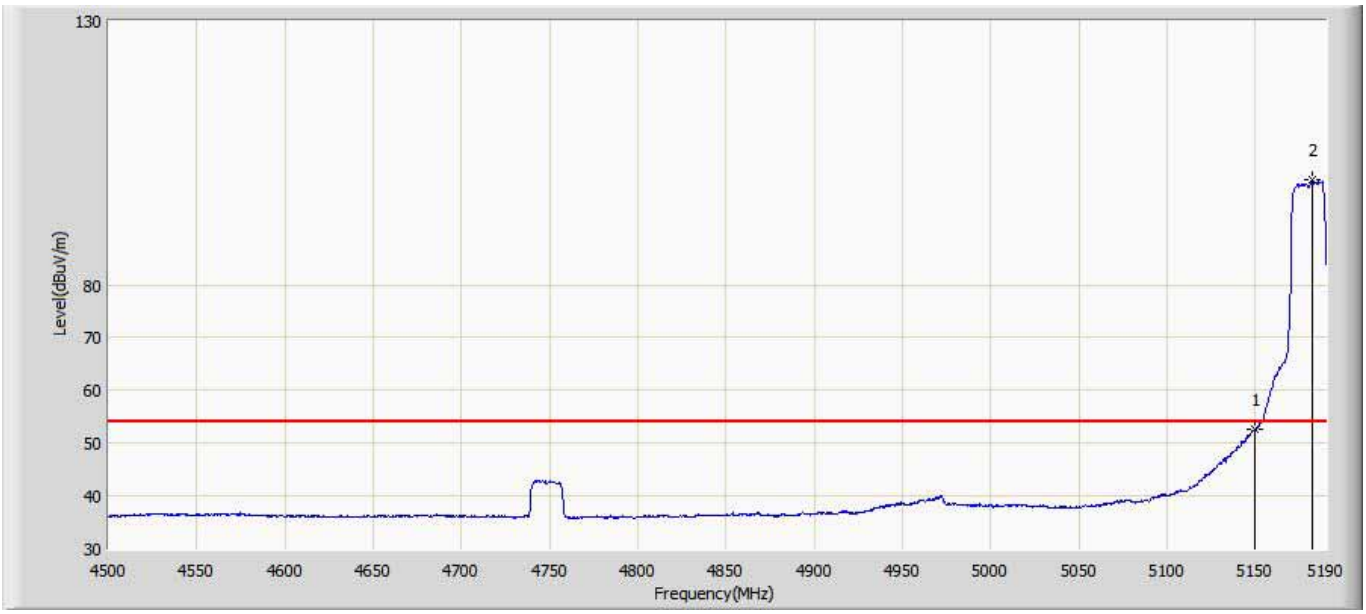
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5788.750	109.680	71.602	-12.520	122.200	38.078	PK
2		5851.930	76.543	38.589	-41.255	117.798	37.954	PK
3		5863.607	75.585	37.627	-32.803	108.388	37.958	PK
4		5884.060	69.621	31.677	-28.851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



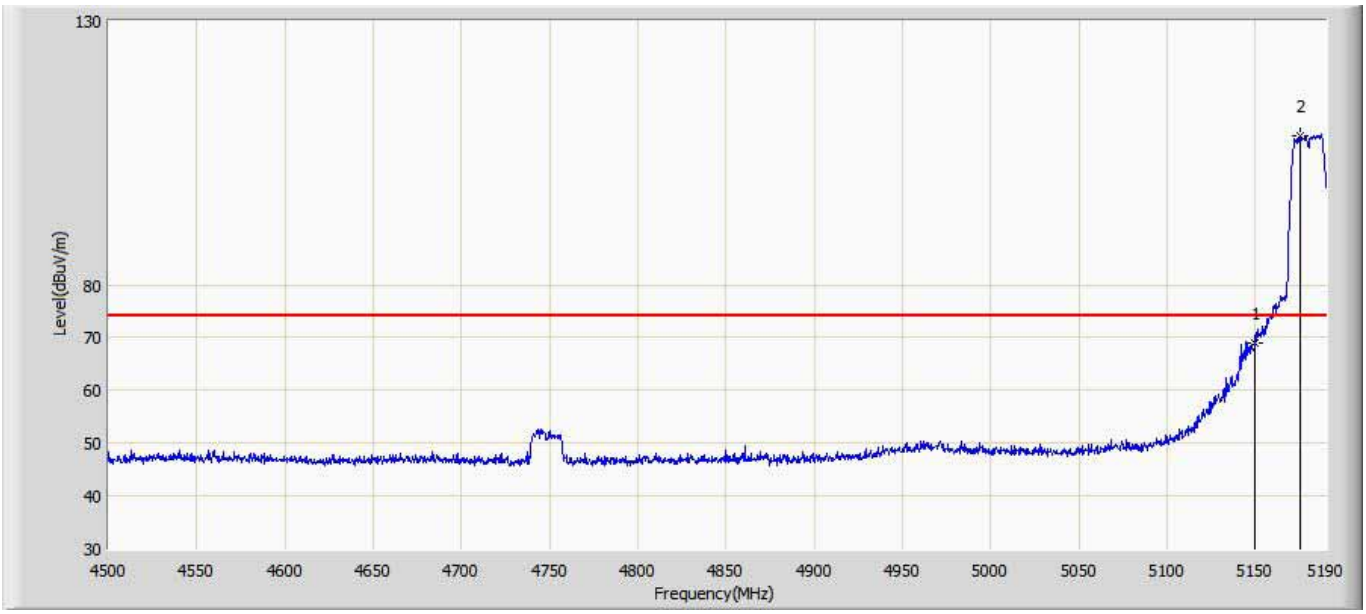
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5801.913	100.647	62.624	-21.553	122.200	38.023	PK
2		5852.605	68.061	30.106	-48.199	116.259	37.955	PK
3		5866.105	67.891	29.940	-39.798	107.688	37.951	PK
4		5884.060	60.335	22.391	-38.137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



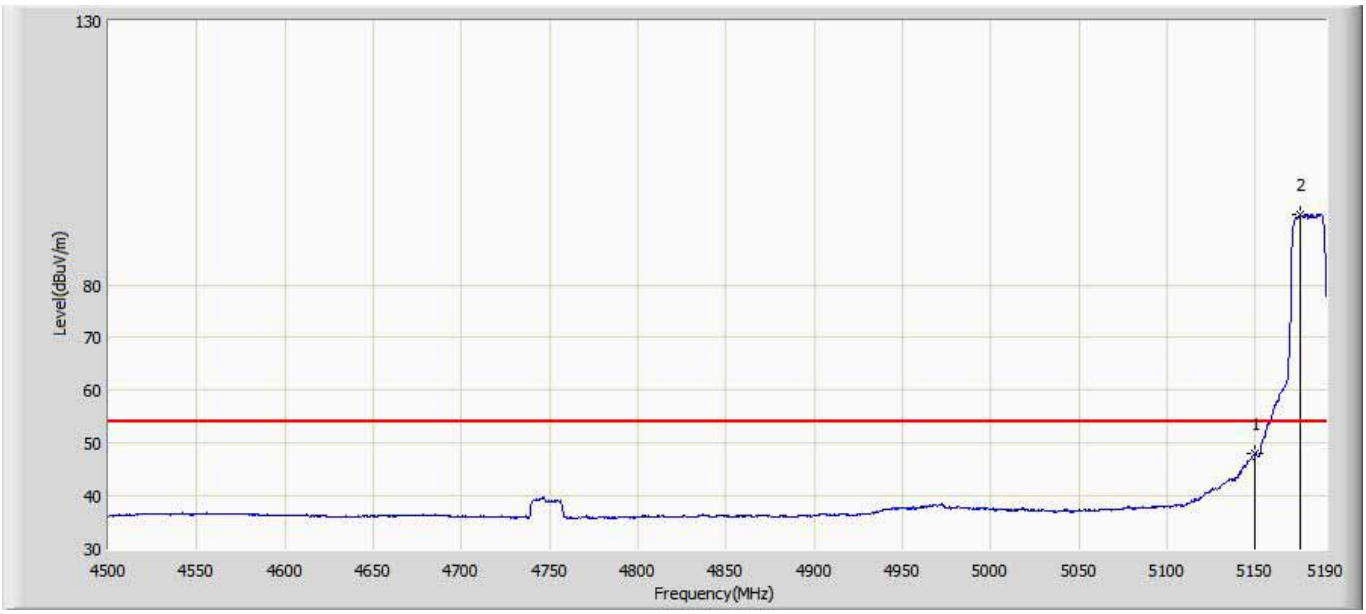
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.512	15.847	-1.488	54.000	36.665	AV
2	*	5182.065	99.782	63.213	N/A	N/A	36.569	AV

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	



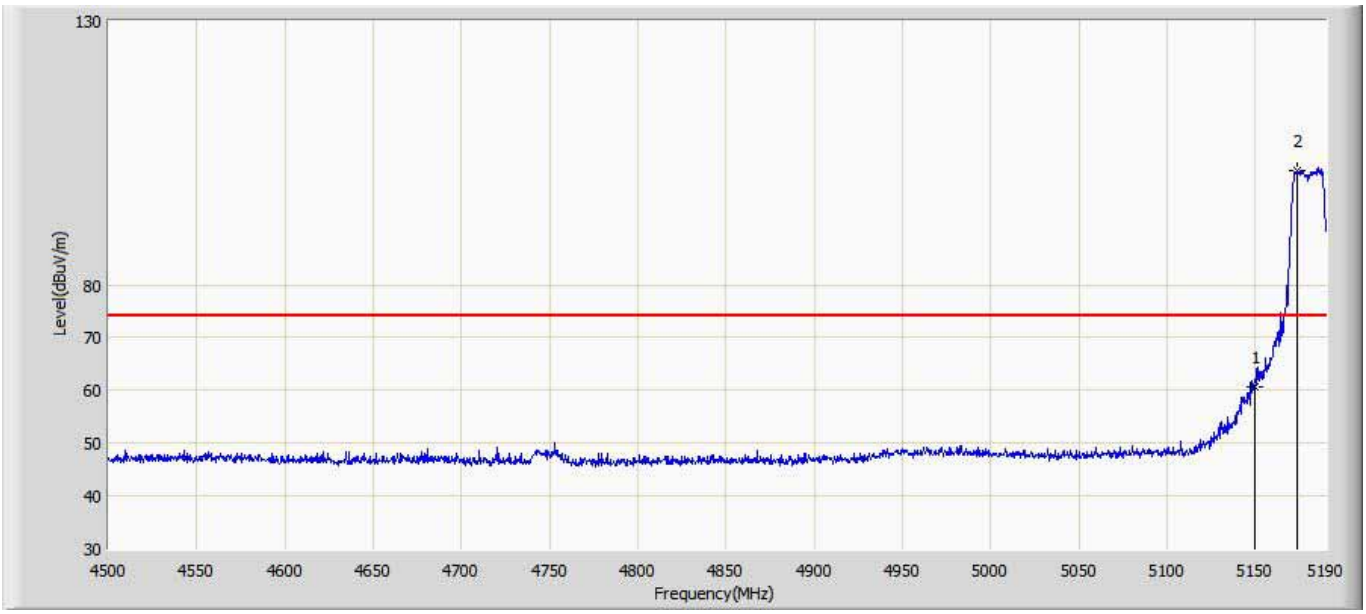
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	68.902	32.237	-5.098	74.000	36.665	PK
2	*	5175.510	108.164	71.533	N/A	N/A	36.631	PK

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	



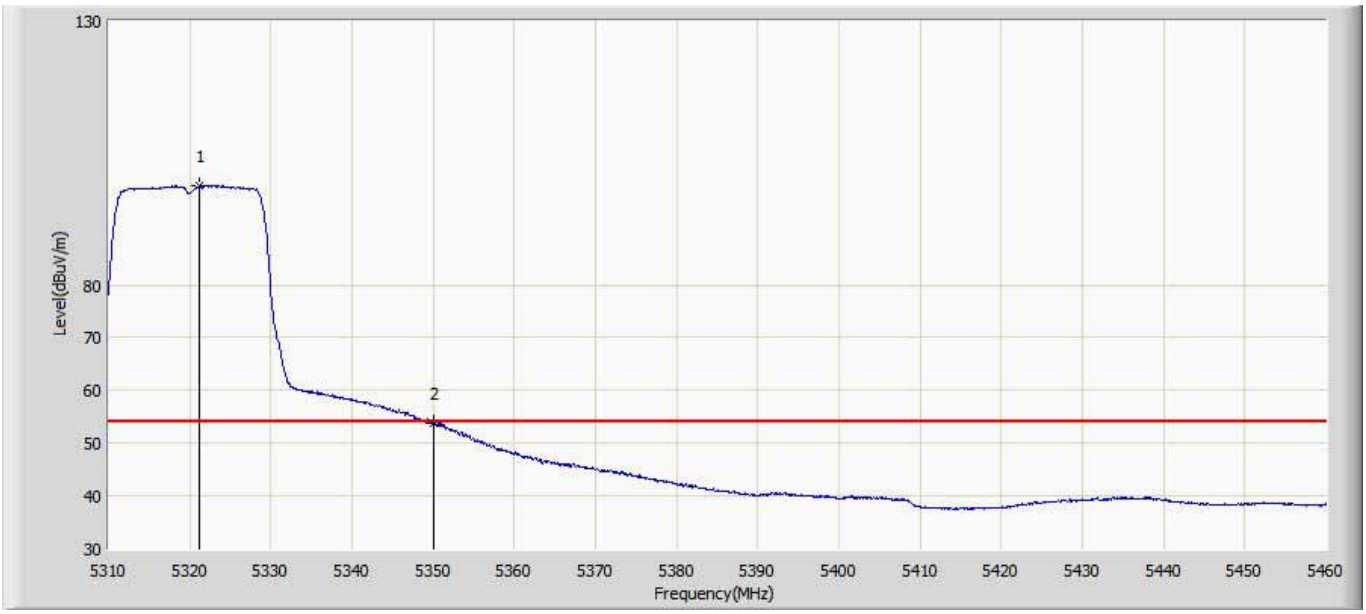
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	48.058	11.393	-5.942	54.000	36.665	AV
2	*	5175.510	93.232	56.601	N/A	N/A	36.631	AV

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	



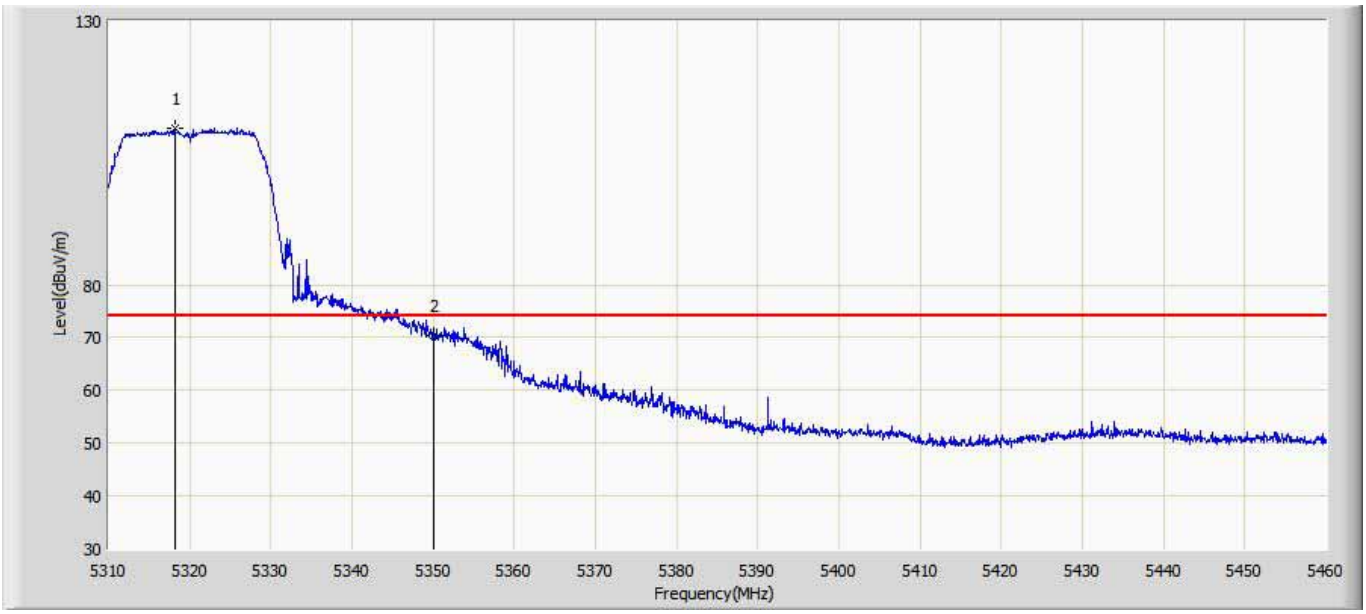
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	60.764	24.099	-13.236	74.000	36.665	PK
2	*	5174.130	101.759	65.115	N/A	N/A	36.644	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:50
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20	



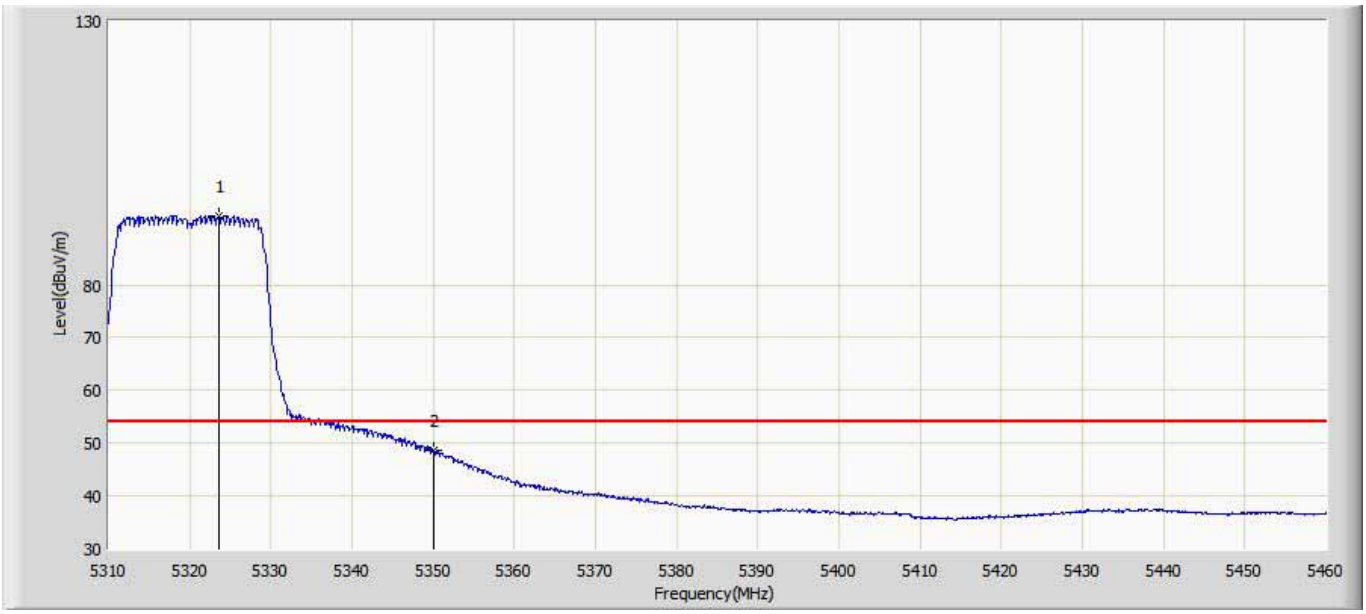
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5321.250	98.844	62.106	N/A	N/A	36.738	AV
2		5350.000	53.847	17.061	-0.153	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:54
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20	



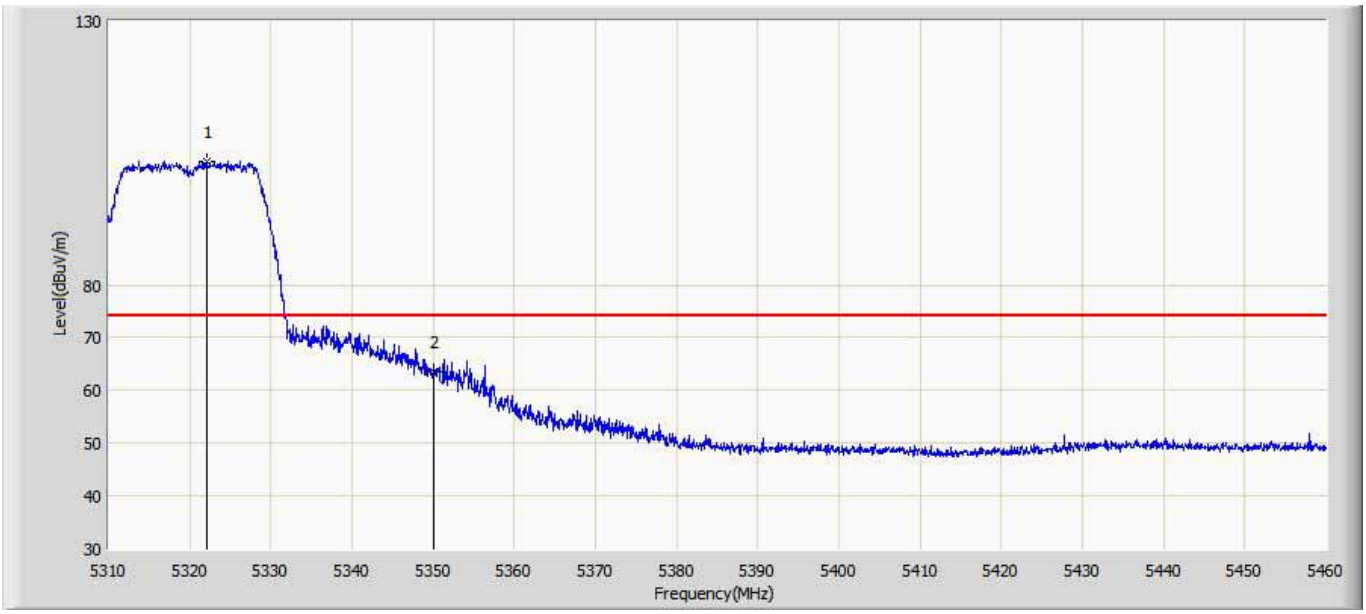
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5318.175	109.684	72.974	N/A	N/A	36.710	PK
2		5350.000	70.514	33.728	-3.486	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:56
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5320MHz by 802.11ac20	



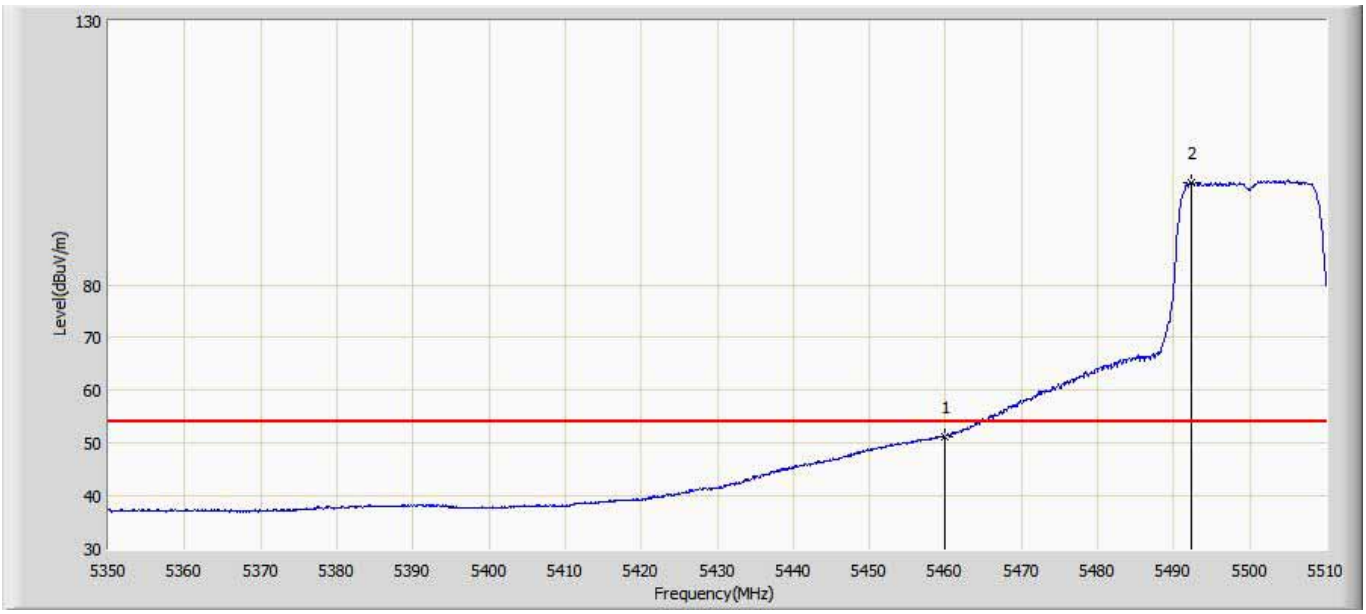
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5323.575	93.070	56.311	N/A	N/A	36.759	AV
2		5350.000	48.586	11.800	-5.414	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 16:58
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 4:Transmit at 5320MHz by 802.11ac20	



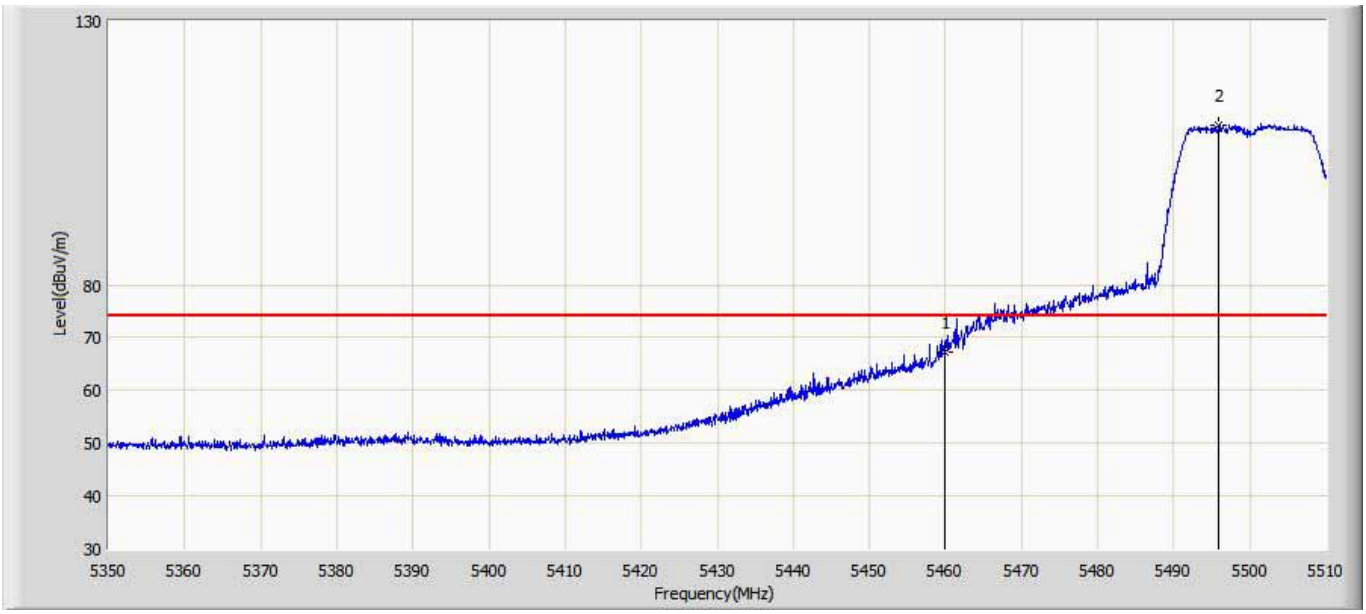
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5322.075	103.272	66.526	N/A	N/A	36.746	PK
2		5350.000	63.580	26.794	-10.420	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:01
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 4:Transmit at 5500MHz by 802.11ac20	



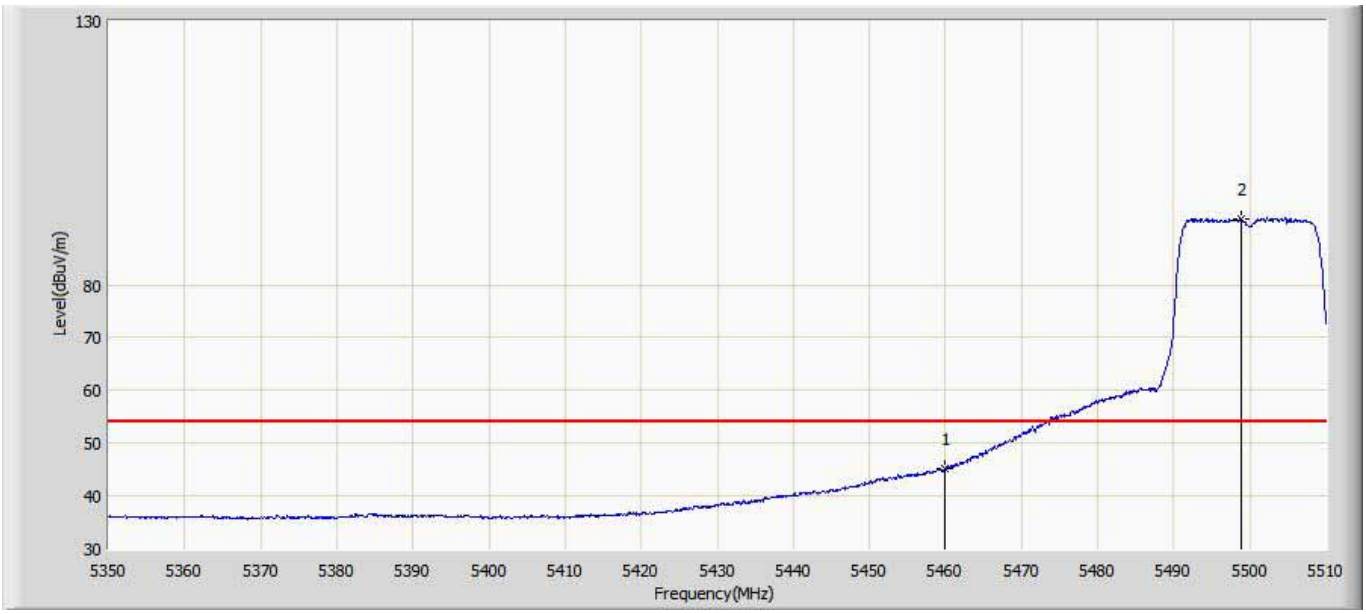
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.339	13.193	-2.661	54.000	38.146	AV
2	*	5492.240	99.454	61.332	N/A	N/A	38.122	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:04
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 4:Transmit at 5500MHz by 802.11ac20	



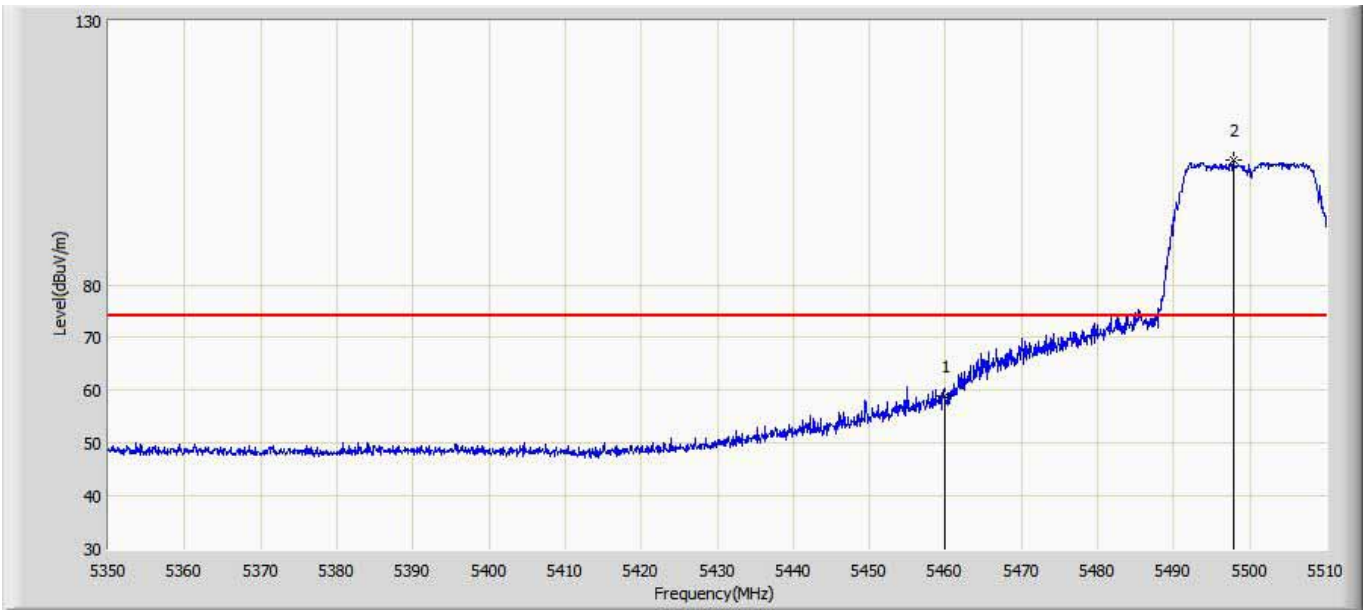
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	67.193	29.047	-6.807	74.000	38.146	PK
2	*	5495.920	110.120	72.003	N/A	N/A	38.117	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:06
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20	



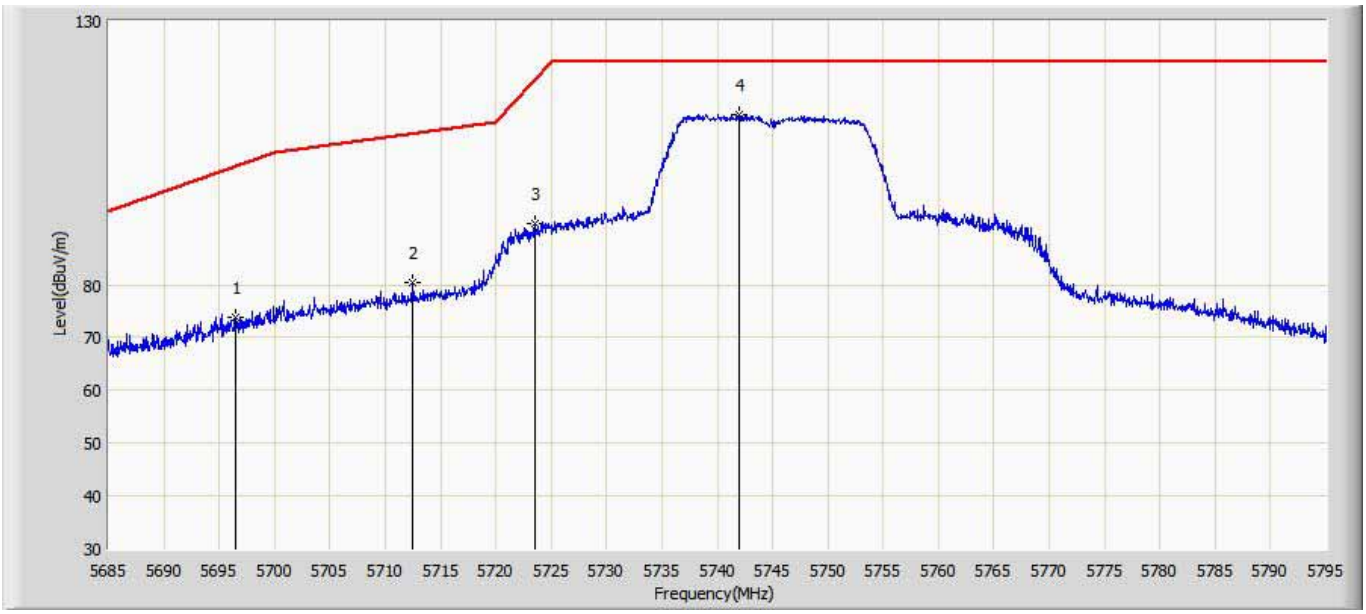
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	45.063	6.917	-8.937	54.000	38.146	AV
2	*	5498.800	92.584	54.471	N/A	N/A	38.113	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:08
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 4:Transmit at 5500MHz by 802.11ac20	



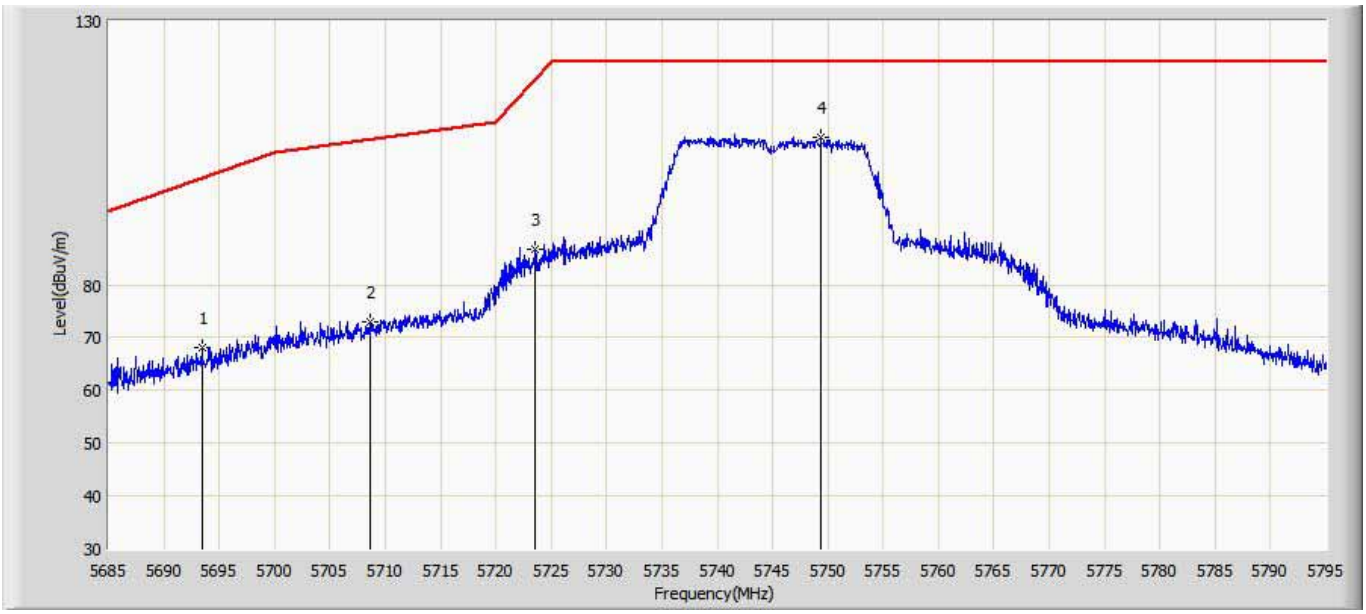
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	58.919	20.773	-15.081	74.000	38.146	PK
2	*	5497.840	103.710	65.596	N/A	N/A	38.114	PK

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	



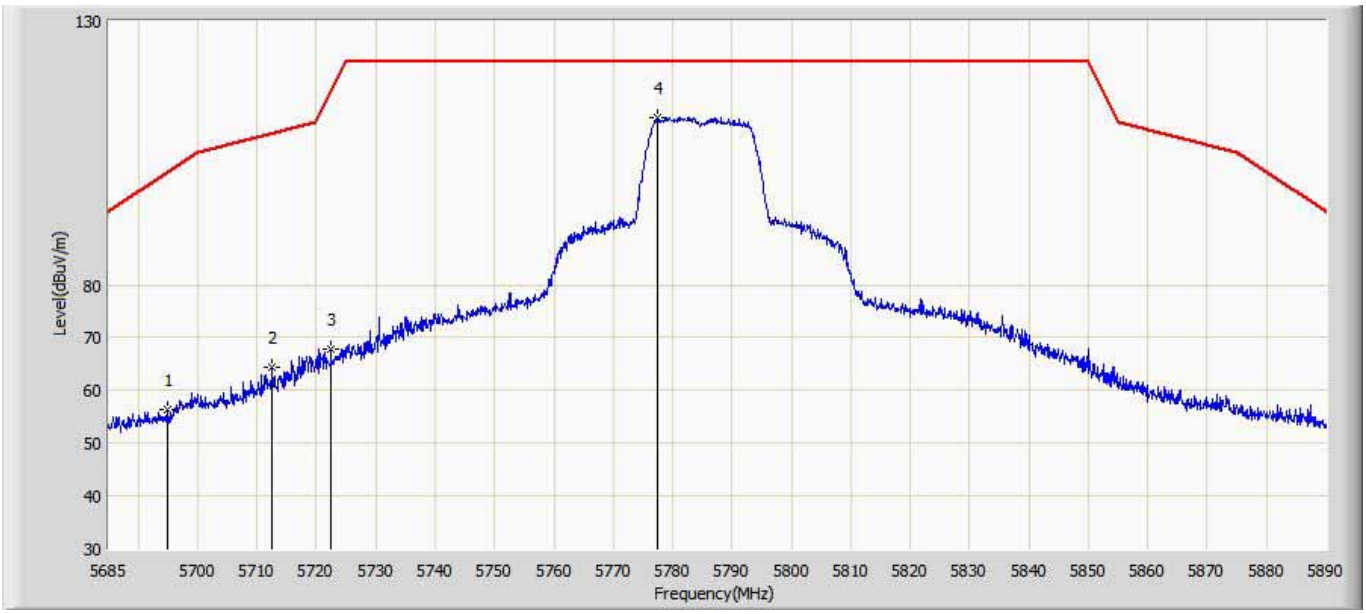
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5696.440	73.706	35.645	-28.870	102.576	38.061	PK
2		5712.500	80.557	42.374	-28.145	108.702	38.183	PK
3		5723.500	91.486	53.293	-27.295	118.781	38.193	PK
4	*	5742.035	112.203	74.154	-9.997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



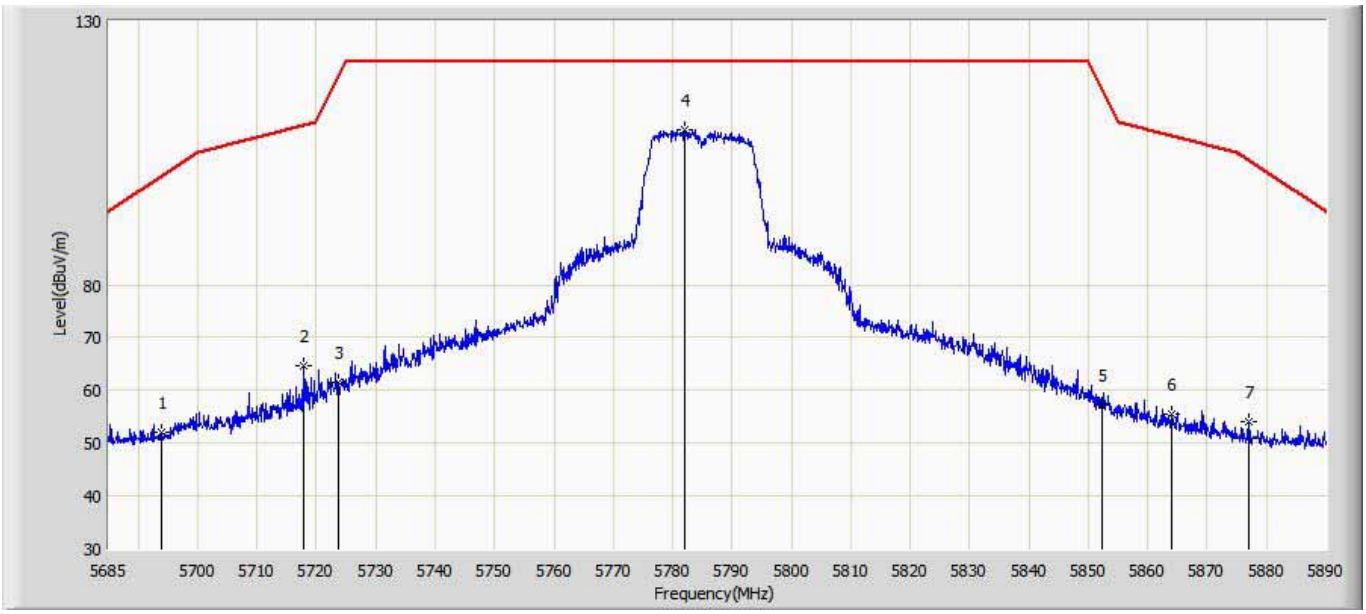
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.415	68.068	30.036	-32.277	100.346	38.032	PK
2		5708.595	73.045	34.869	-34.564	107.609	38.176	PK
3		5723.555	86.816	48.623	-32.091	118.906	38.193	PK
4	*	5749.350	107.838	69.827	-14.362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



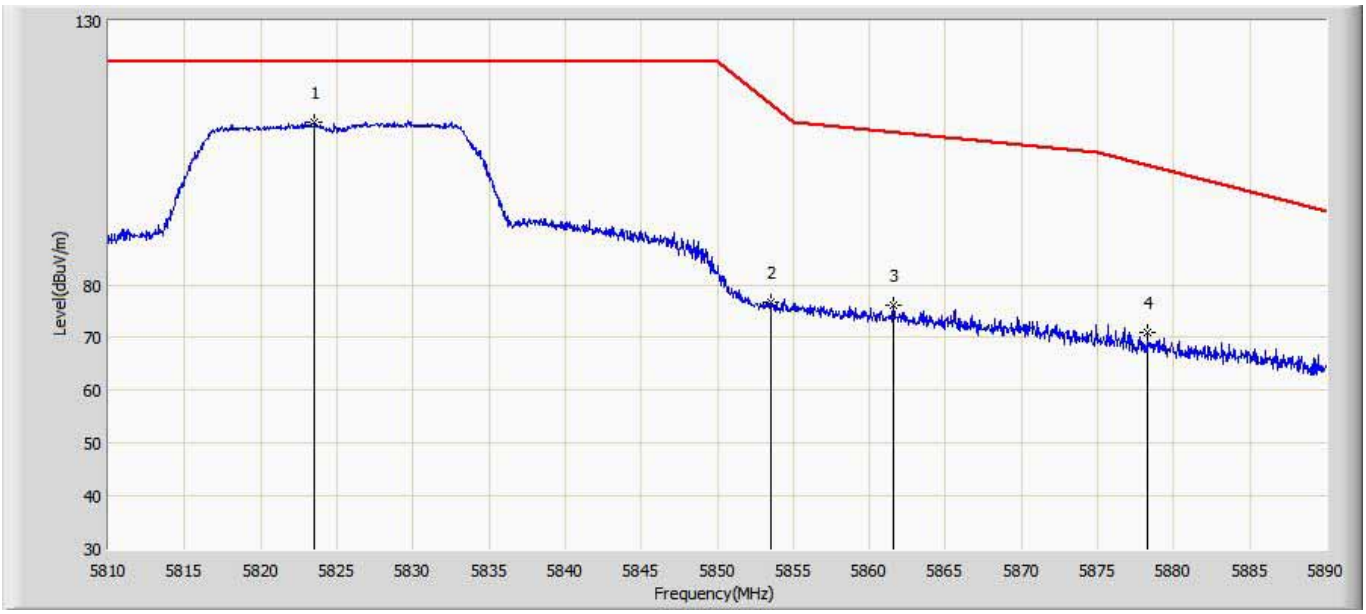
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5695.045	56.328	18.280	-45.220	101.548	38.048	PK
2		5712.572	64.241	26.058	-44.481	108.722	38.183	PK
3		5722.413	67.789	29.597	-48.514	116.303	38.192	PK
4	*	5777.455	111.613	73.507	-10.587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



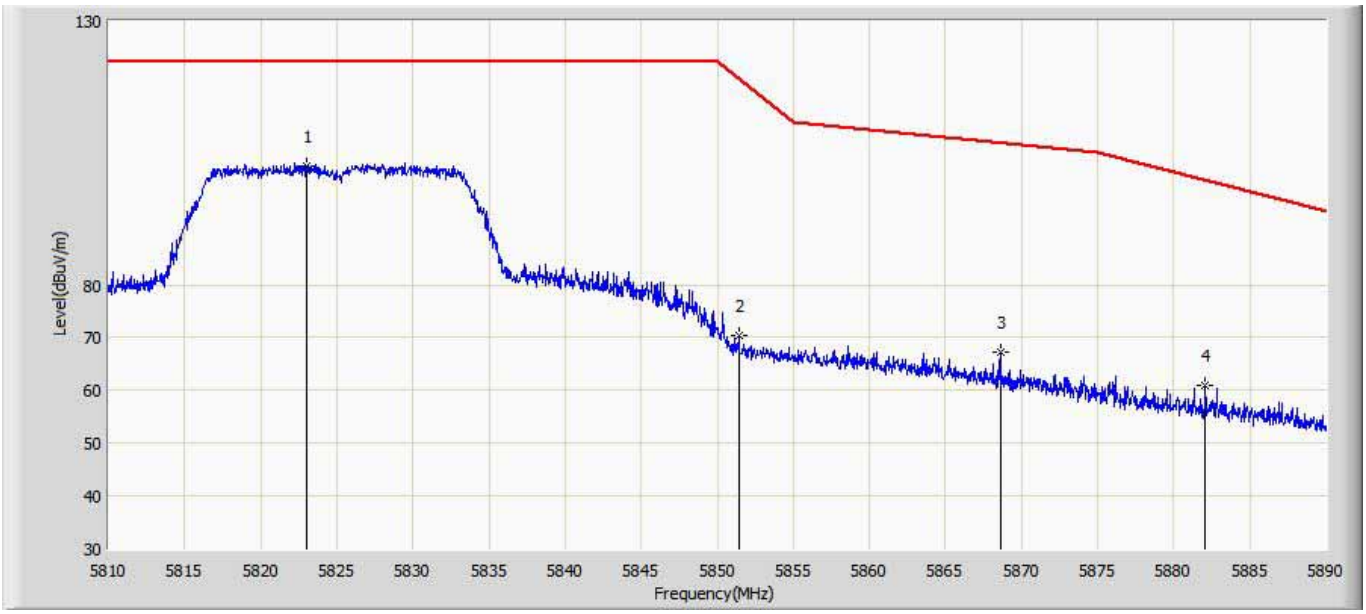
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5693.815	52.199	14.163	-48.442	100.641	38.036	PK
2		5717.902	64.678	26.490	-45.536	110.213	38.188	PK
3		5723.745	61.648	23.455	-57.692	119.340	38.193	PK
4	*	5781.965	109.425	71.330	-12.775	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	



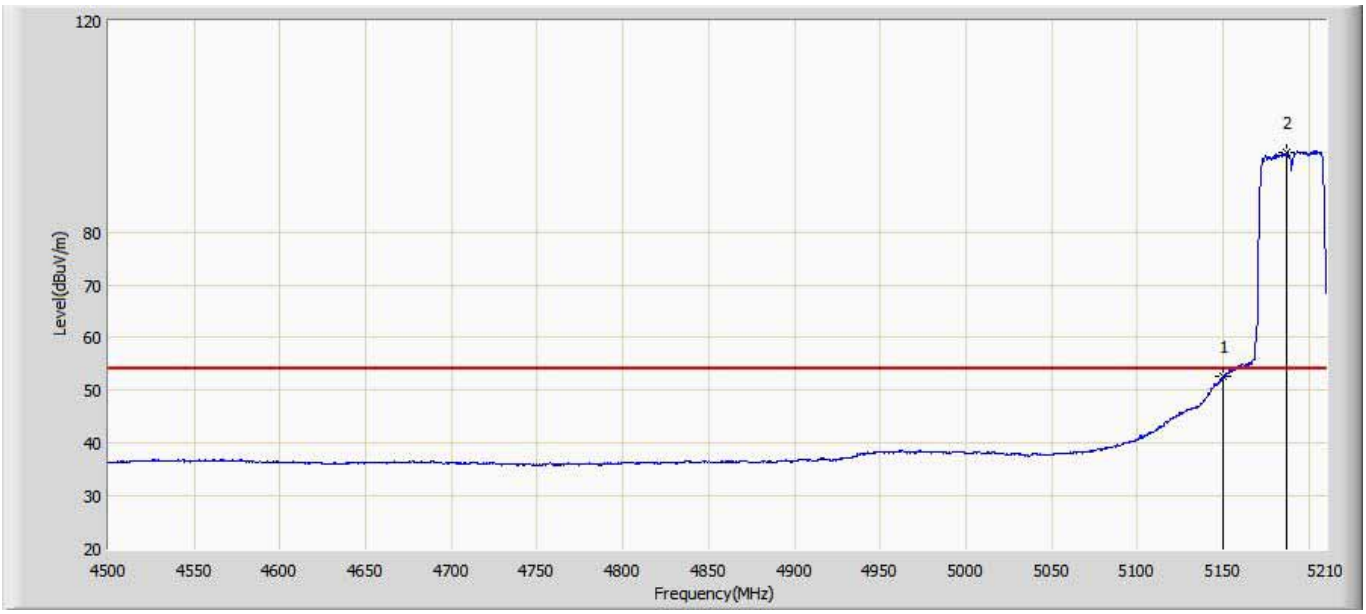
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.520	110.893	72.864	-11.307	122.200	38.029	PK
2		5853.480	76.776	38.821	-37.488	114.265	37.955	PK
3		5861.560	76.156	38.194	-32.805	108.961	37.962	PK
4		5878.280	70.931	33.014	-31.832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



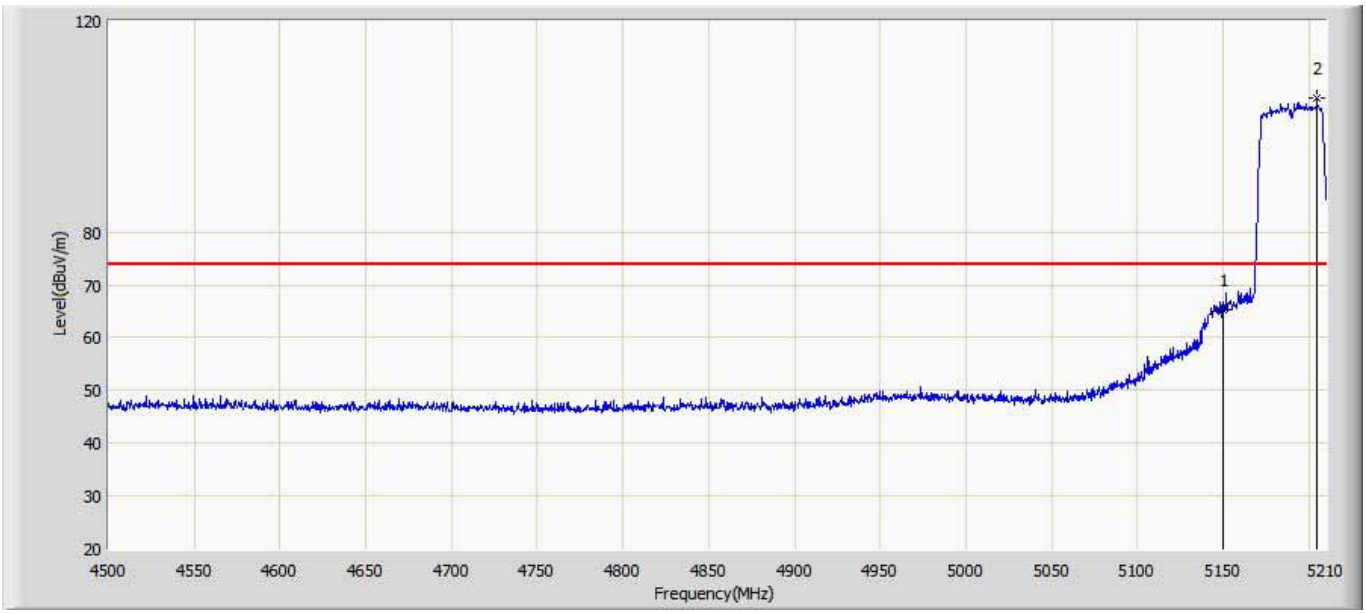
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5823.000	102.632	64.605	-19.568	122.200	38.027	PK
2		5851.440	70.352	32.398	-48.564	118.916	37.954	PK
3		5868.600	67.222	29.278	-39.768	106.990	37.944	PK
4		5882.080	61.016	23.083	-38.926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



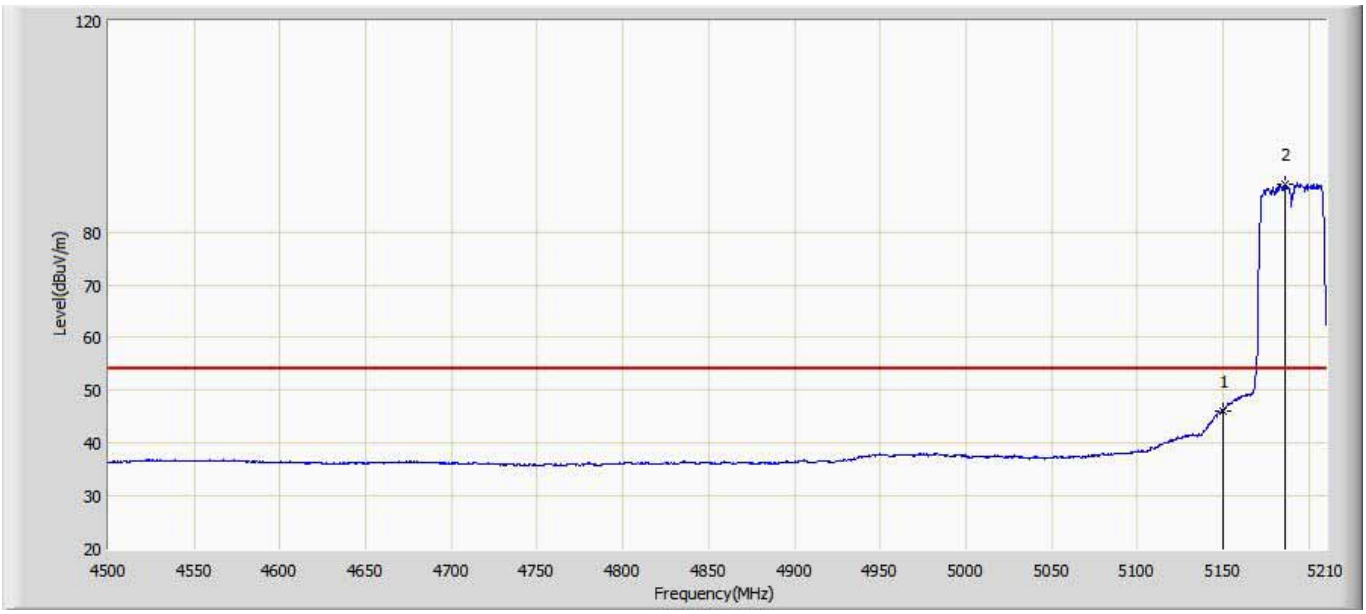
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.570	15.905	-1.430	54.000	36.665	AV
2	*	5187.280	95.030	58.468	N/A	N/A	36.562	AV

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	



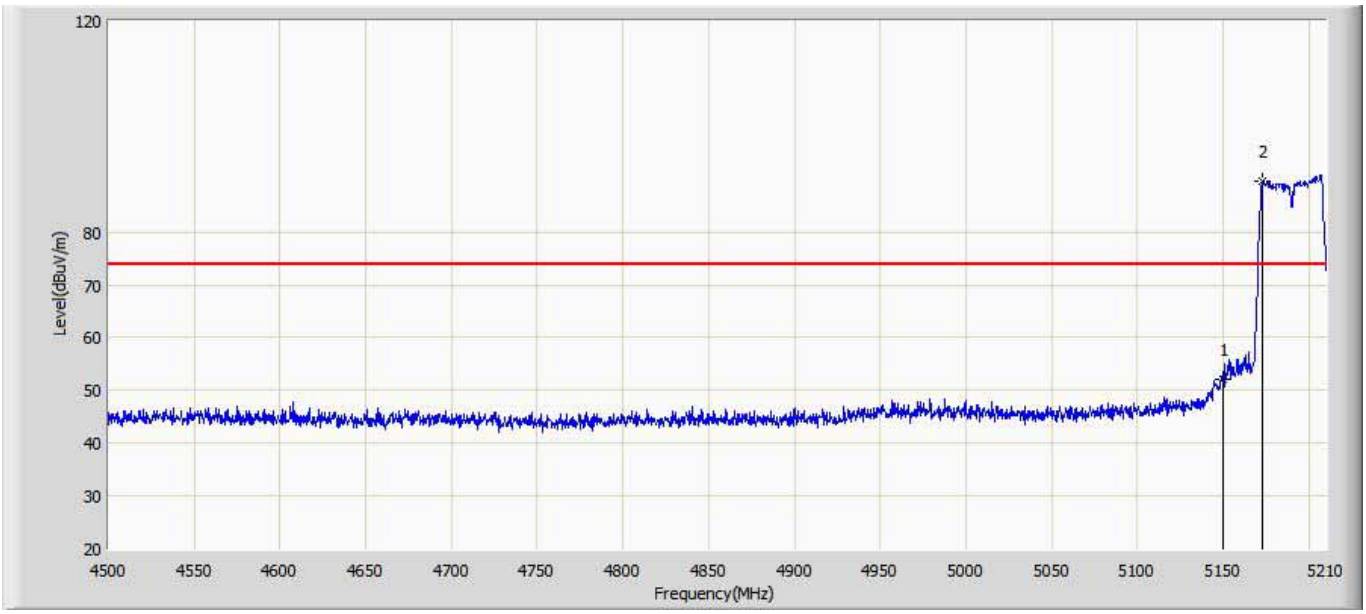
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	65.332	28.667	-8.668	74.000	36.665	PK
2	*	5204.675	105.362	68.752	N/A	N/A	36.610	PK

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	



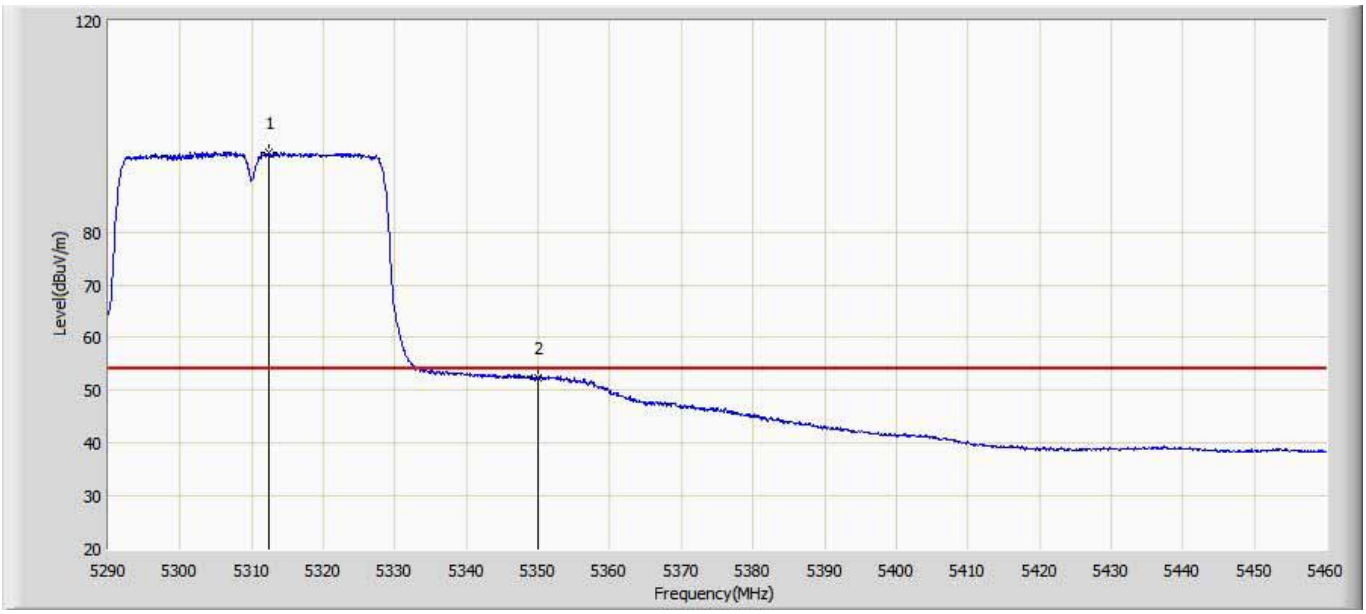
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	46.137	9.472	-7.863	54.000	36.665	AV
2	*	5186.570	89.159	52.596	N/A	N/A	36.563	AV

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	



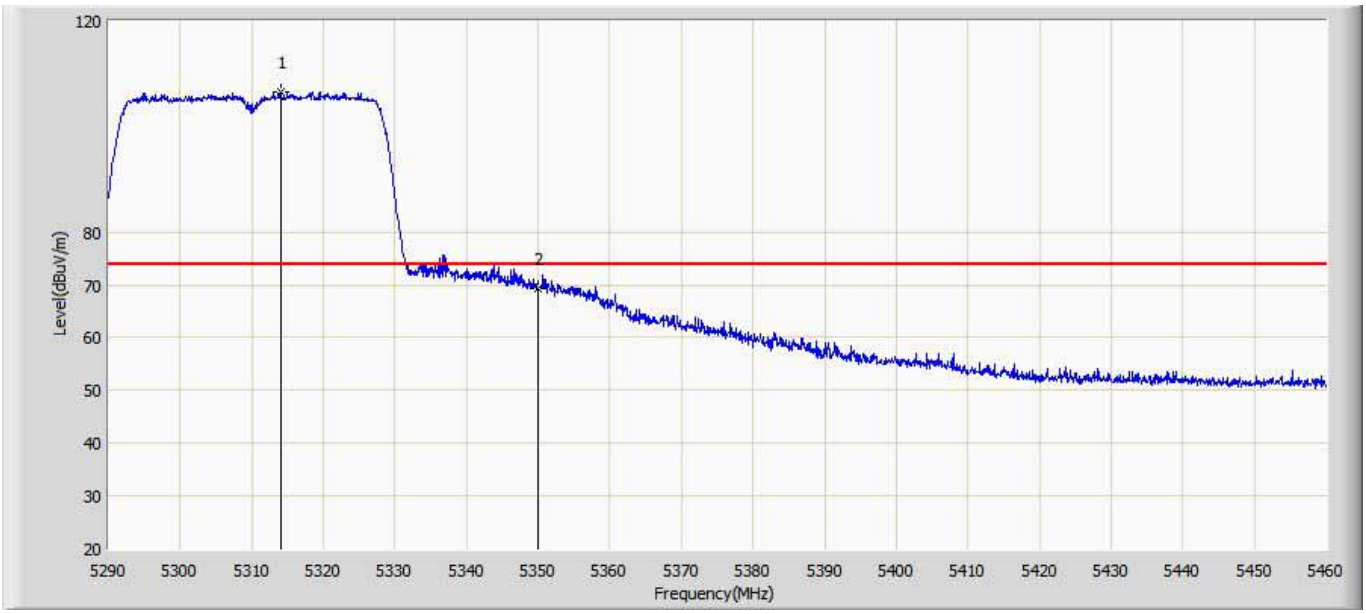
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5150.000	52.036	15.371	-21.964	74.000	36.665	PK
2	*	5172.725	89.485	52.828	N/A	N/A	36.657	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 17:39
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Vertical
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40	



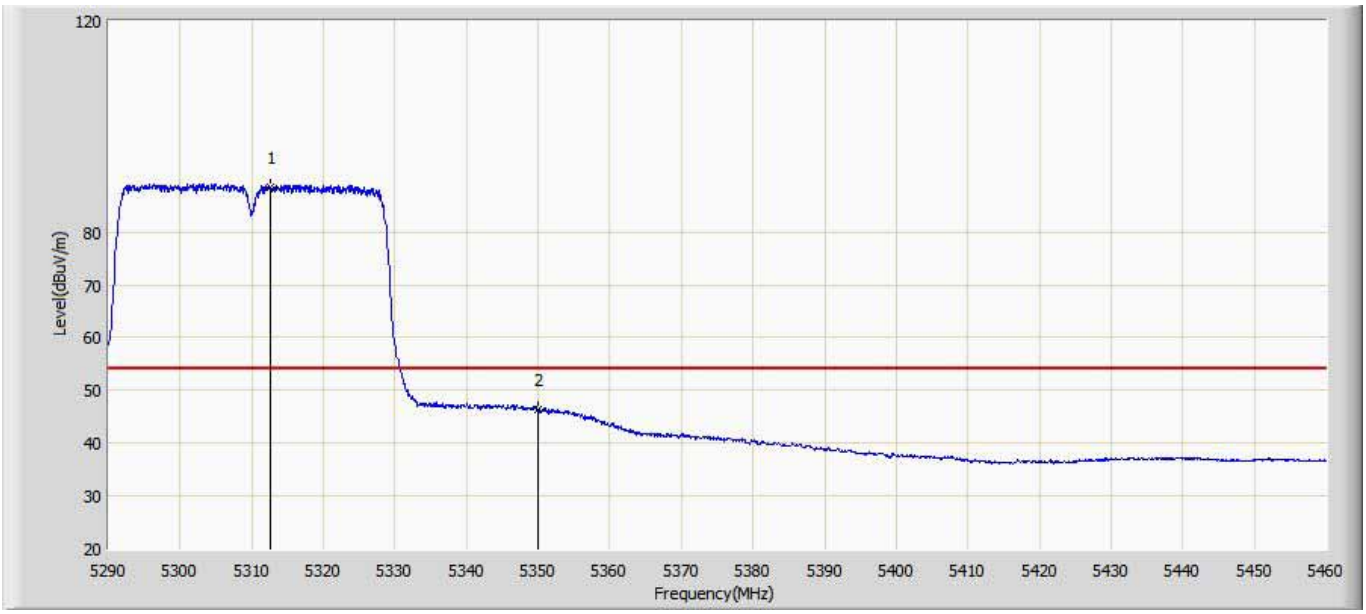
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.355	95.074	58.383	N/A	N/A	36.691	AV
2		5350.000	52.272	15.486	-1.728	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:17
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 5:Transmit at 5310MHz by 802.11ac40	



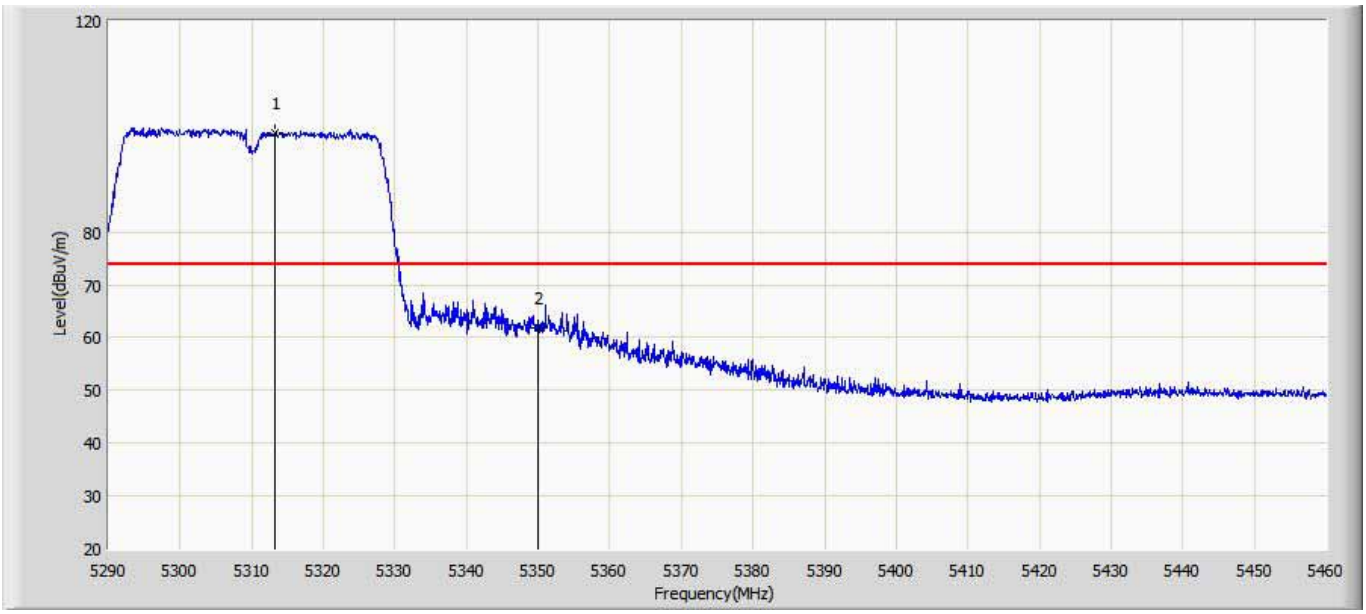
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.970	106.610	69.914	N/A	N/A	36.696	PK
2		5350.000	69.379	32.593	-4.621	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:20
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40	



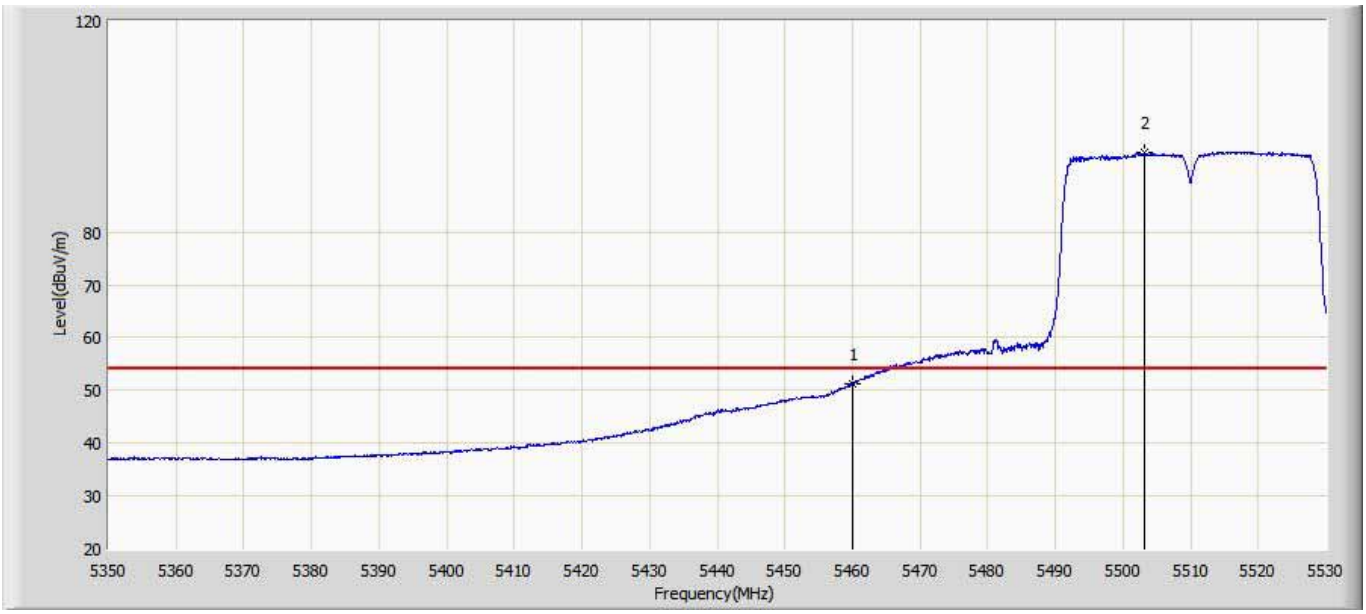
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5312.695	88.563	51.871	N/A	N/A	36.692	AV
2		5350.000	46.350	9.564	-7.650	54.000	36.786	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:28
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5310MHz by 802.11ac40	



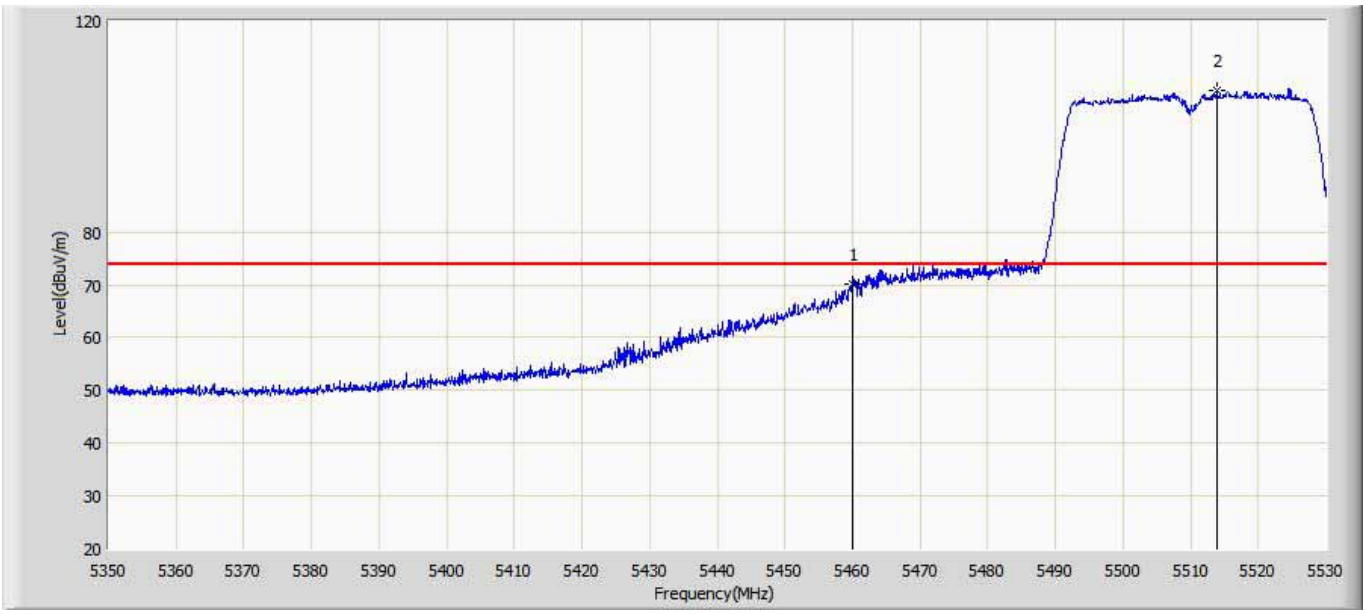
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1	*	5313.290	98.889	62.195	N/A	N/A	36.694	PK
2		5350.000	61.952	25.166	-12.048	74.000	36.786	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:31
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 5:Transmit at 5510MHz by 802.11ac40	



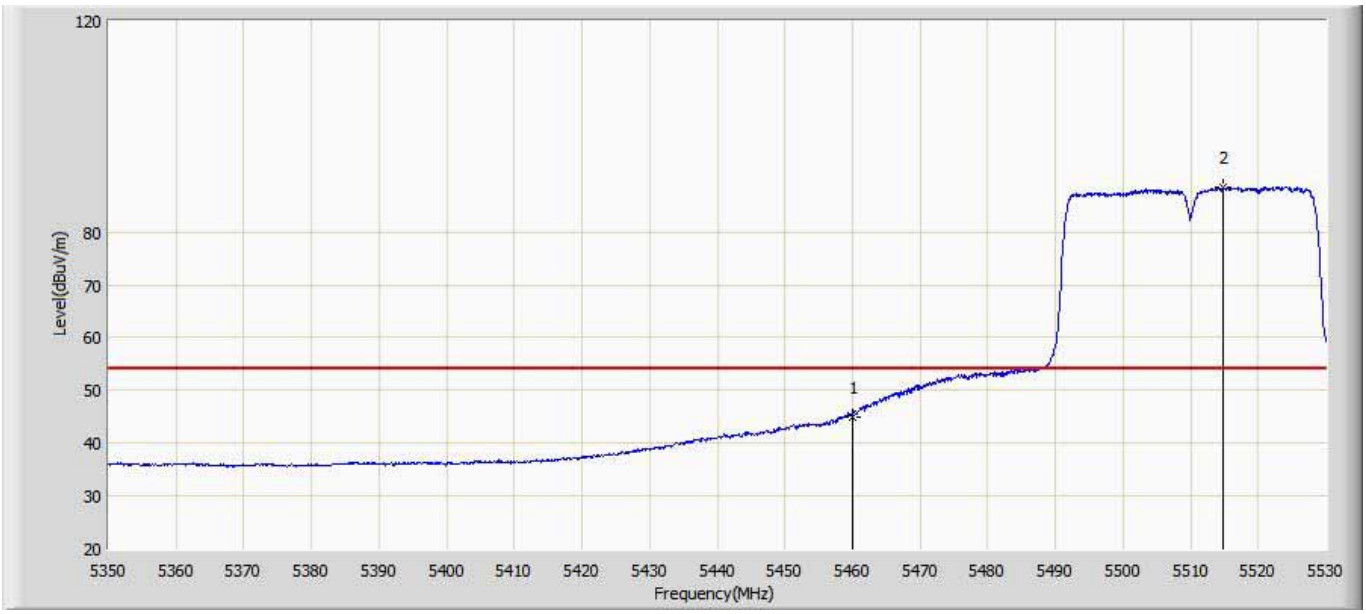
No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	51.173	13.027	-2.827	54.000	38.146	AV
2	*	5503.180	95.005	56.898	N/A	N/A	38.107	AV

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:33
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 5510MHz by 802.11ac40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	70.175	32.029	-3.825	74.000	38.146	PK
2	*	5513.800	106.853	68.728	N/A	N/A	38.125	PK

Engineer: Simon	
Site: AC5	Time: 2017/10/31 - 20:37
Limit: FCC_Part15.209_RE(3m)	Margin: 0
Probe: Horn_3117_00167055(1-18GHz)	Polarity: Horizontal
EUT: Wireless Access point	Power: AC 120V/60Hz
Note: Mode 5:Transmit at 5510MHz by 802.11ac40	



No	Mark	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	Factor (dB)	Type
1		5460.000	44.933	6.787	-9.067	54.000	38.146	AV
2	*	5514.790	88.560	50.433	N/A	N/A	38.127	AV