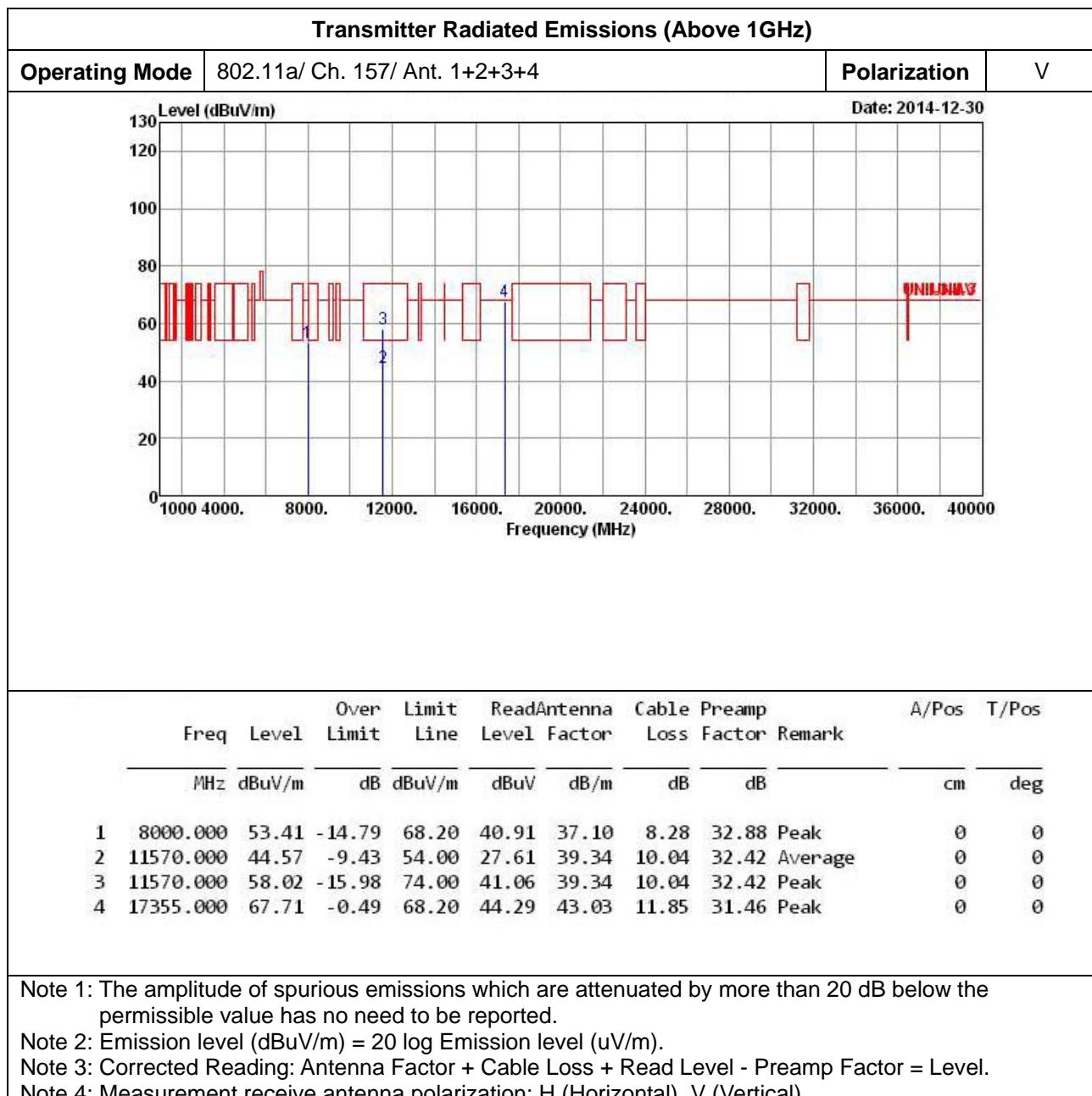
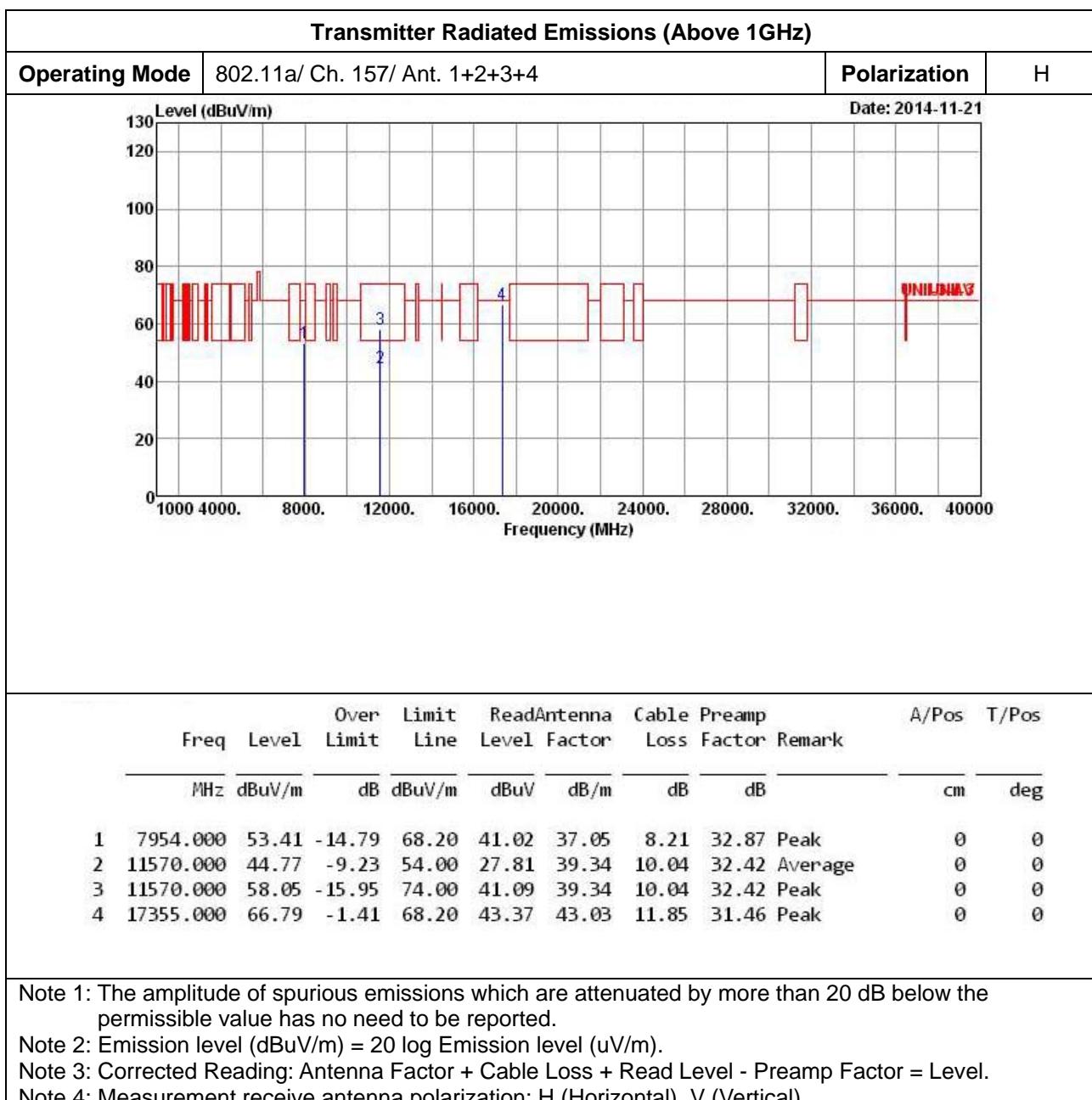
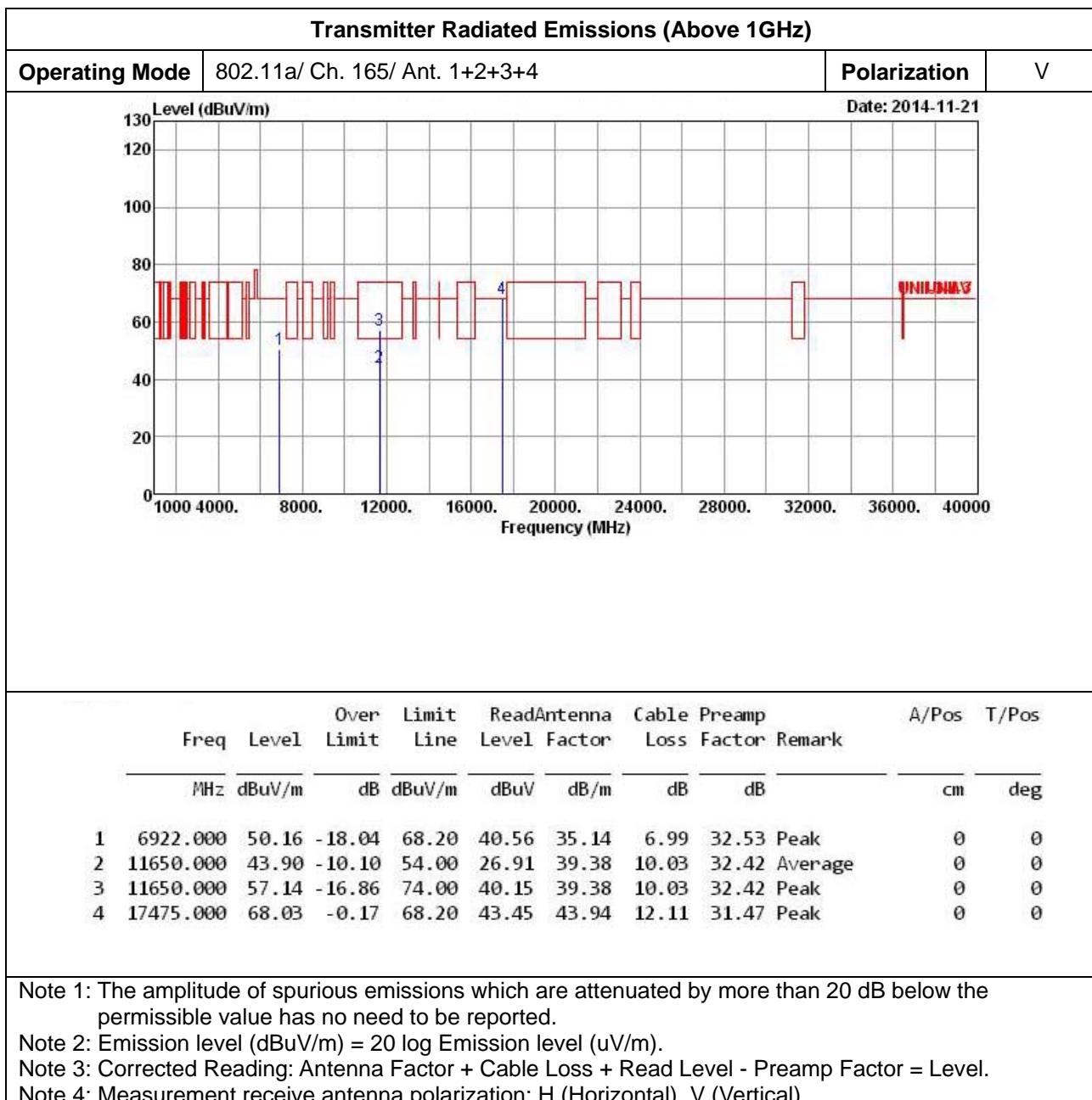


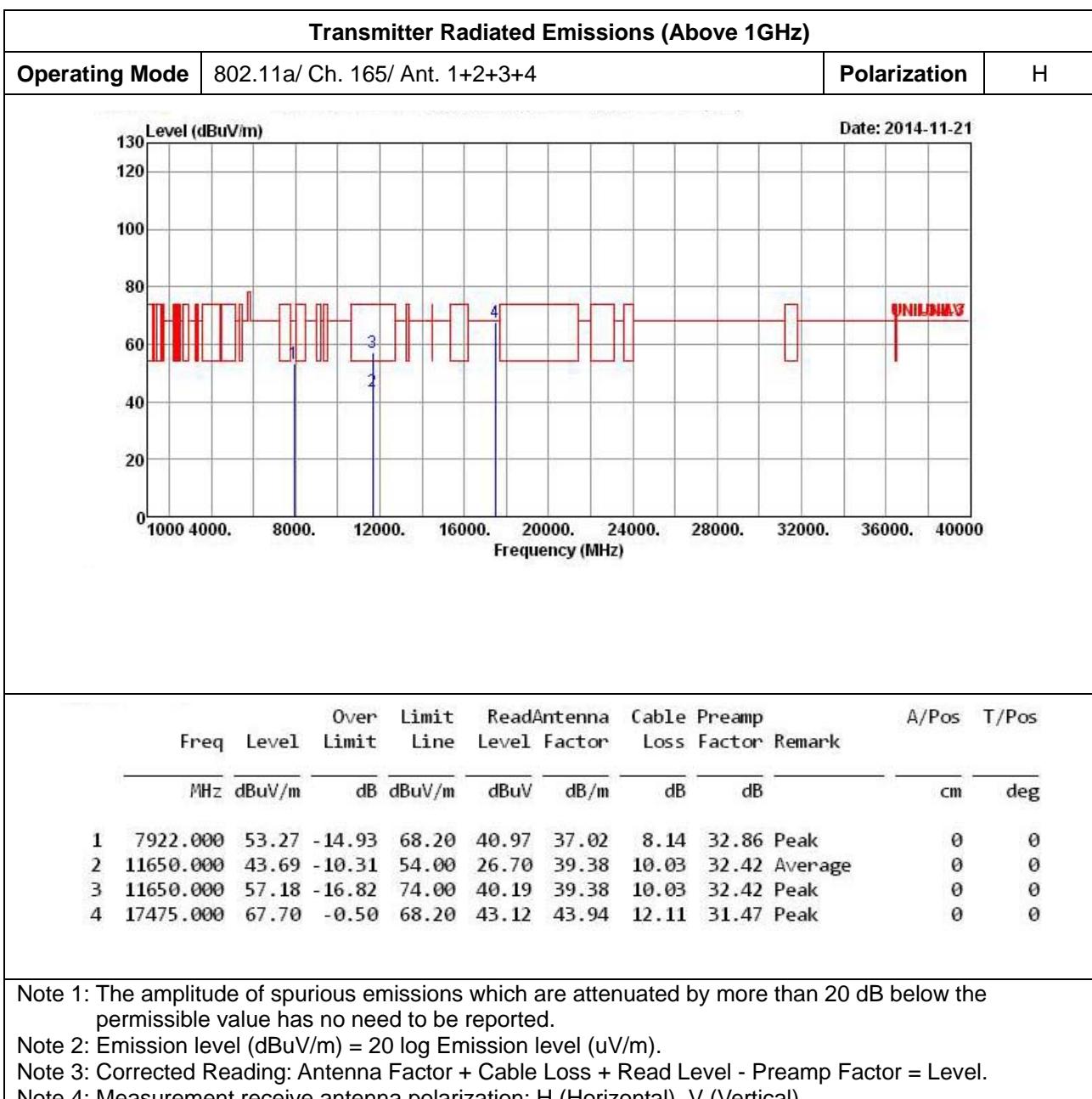


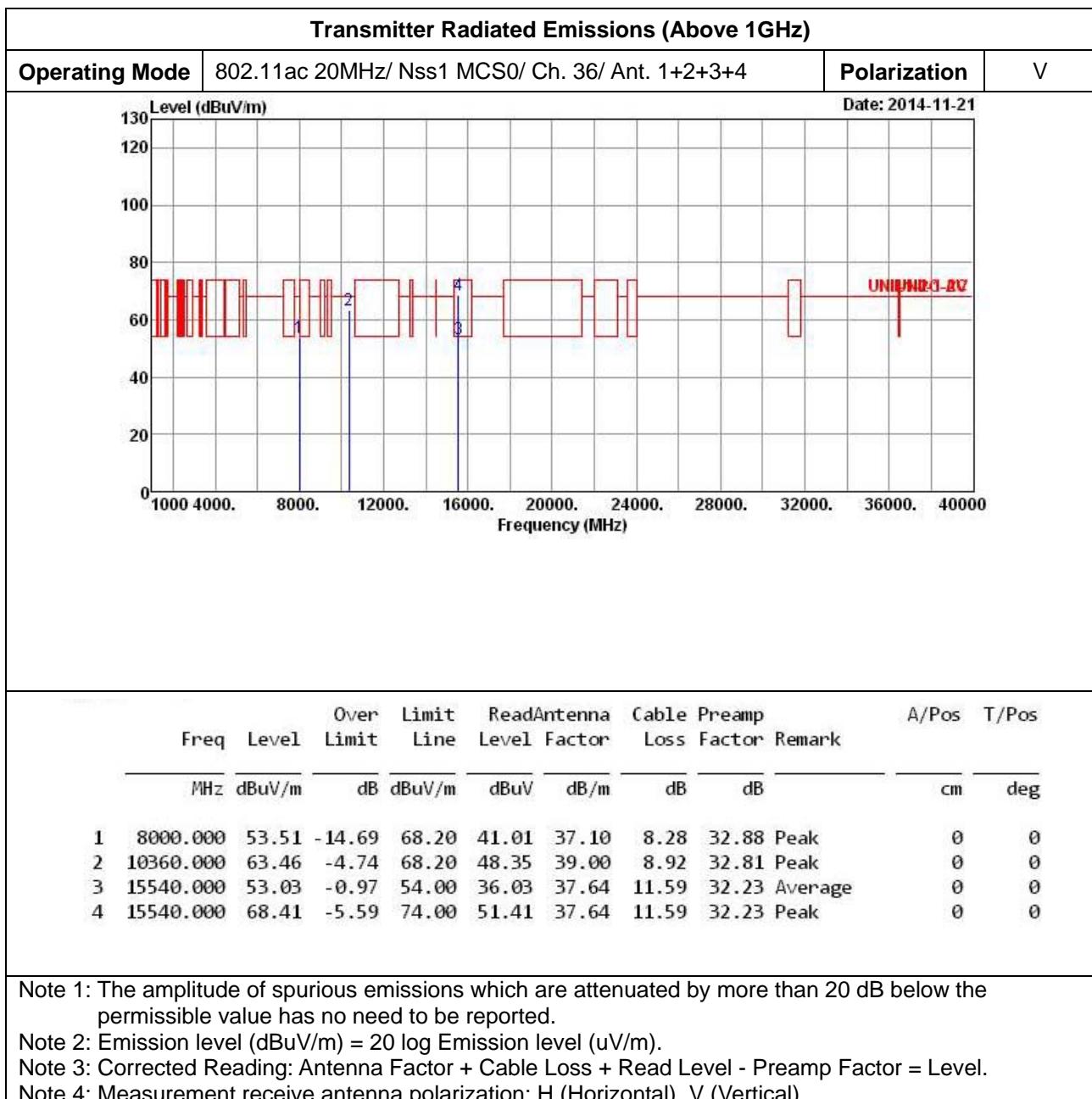
Transmitter Radiated Emissions (Above 1GHz)																			
Operating Mode		802.11a/ Ch. 149/ Ant. 1+2+3+4								Polarization	H								
Level (dBuV/m)											Date: 2014-11-21								
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg										
1 7924.000	53.15	-15.05	68.20	40.78	37.02	8.21	32.86	Peak	0	0									
2 11490.000	45.64	-8.36	54.00	28.74	39.28	10.04	32.42	Average	0	0									
3 11490.000	58.14	-15.86	74.00	41.24	39.28	10.04	32.42	Peak	0	0									
4 17235.000	66.72	-1.48	68.20	44.46	42.12	11.59	31.45	Peak	0	0									
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.																			
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).																			
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.																			
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)																			

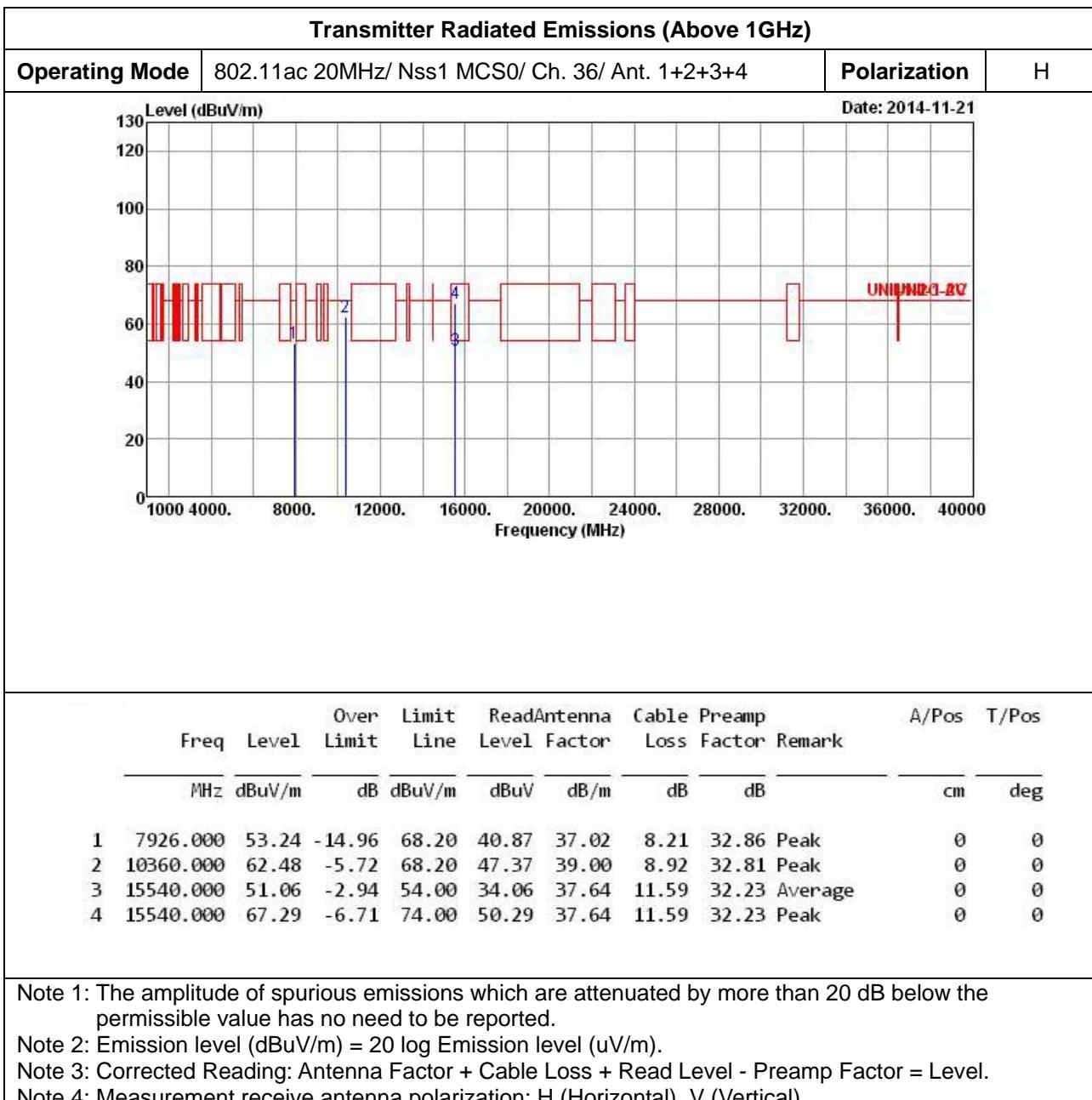


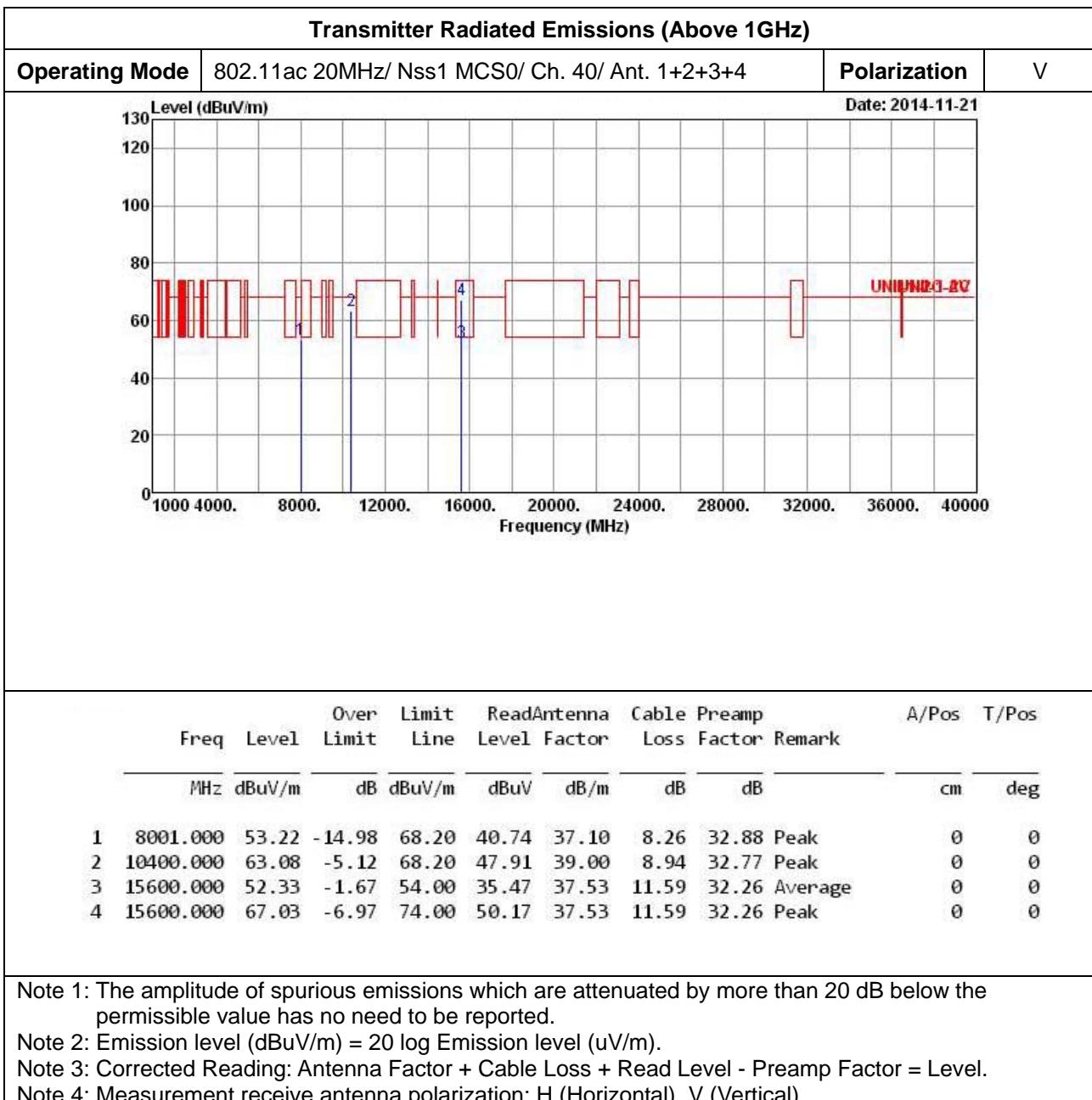


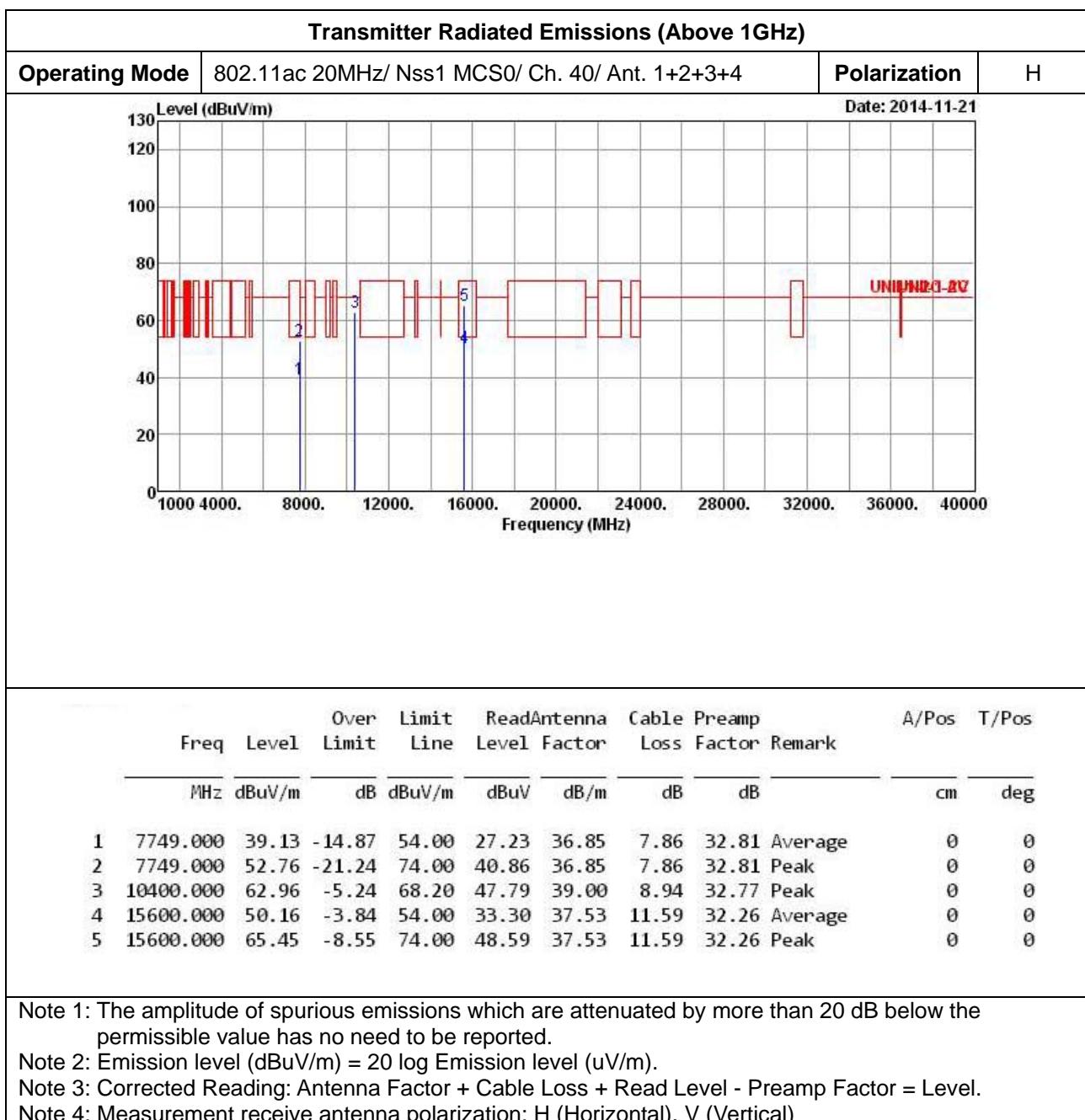


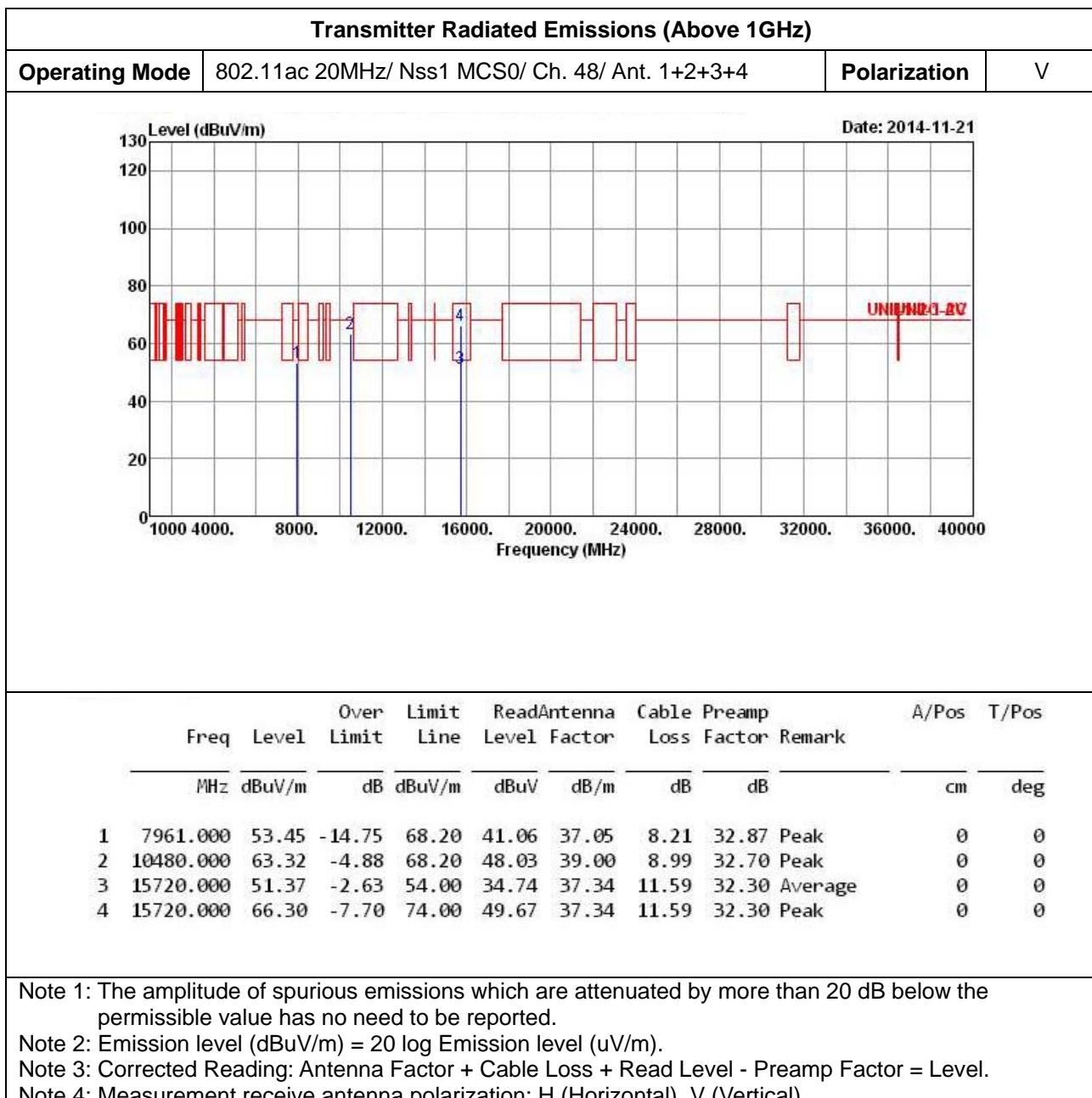


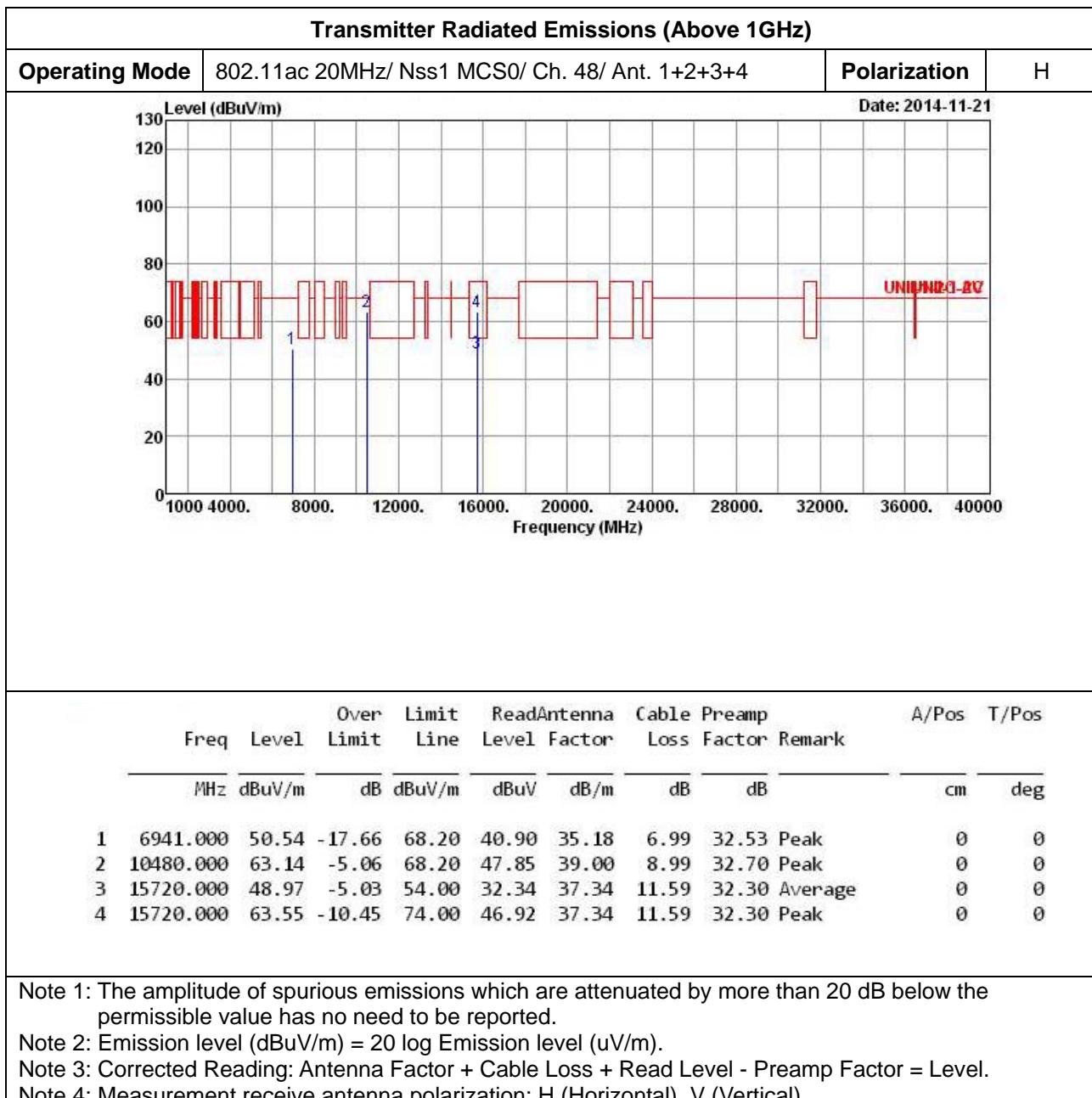


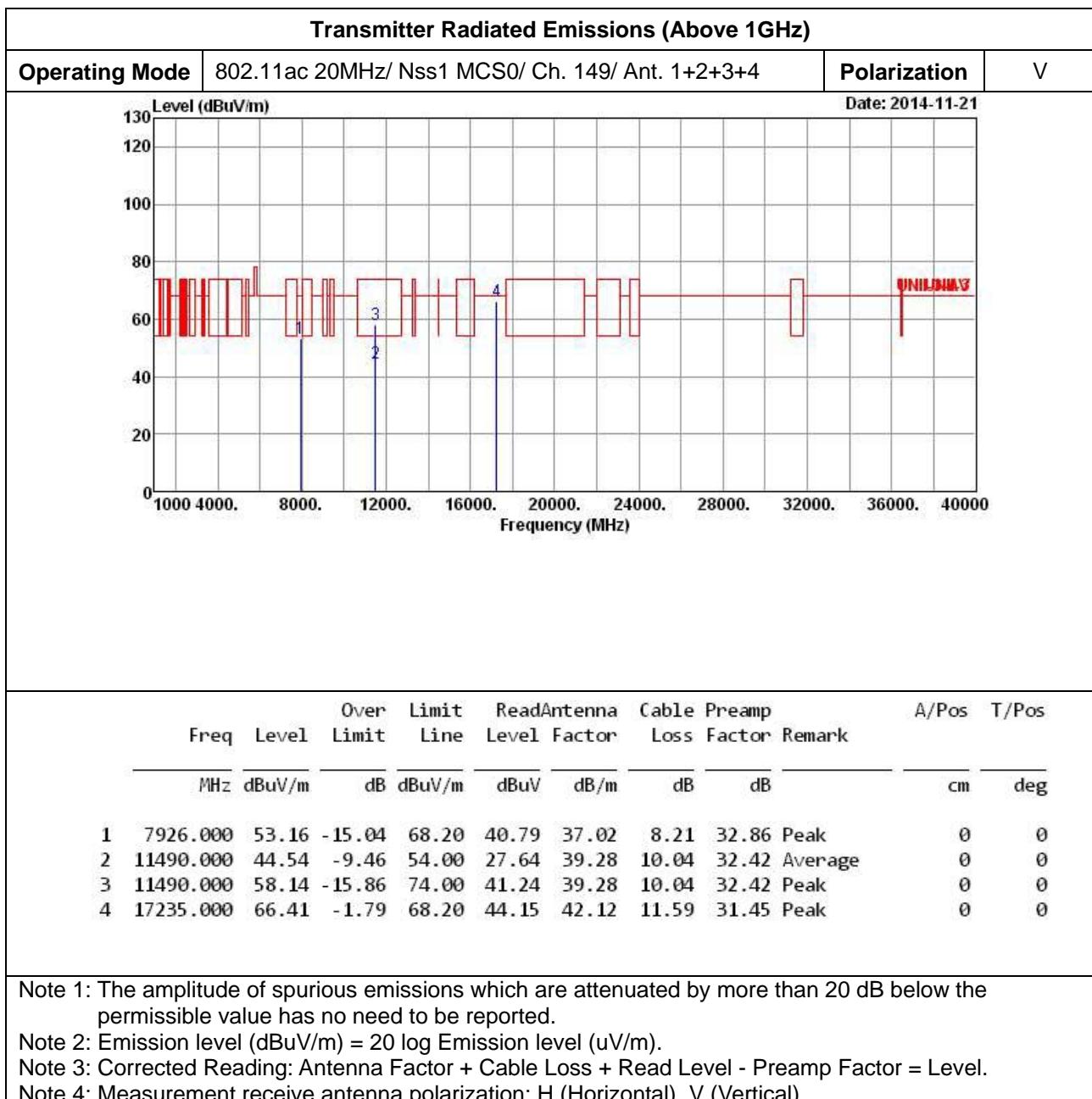


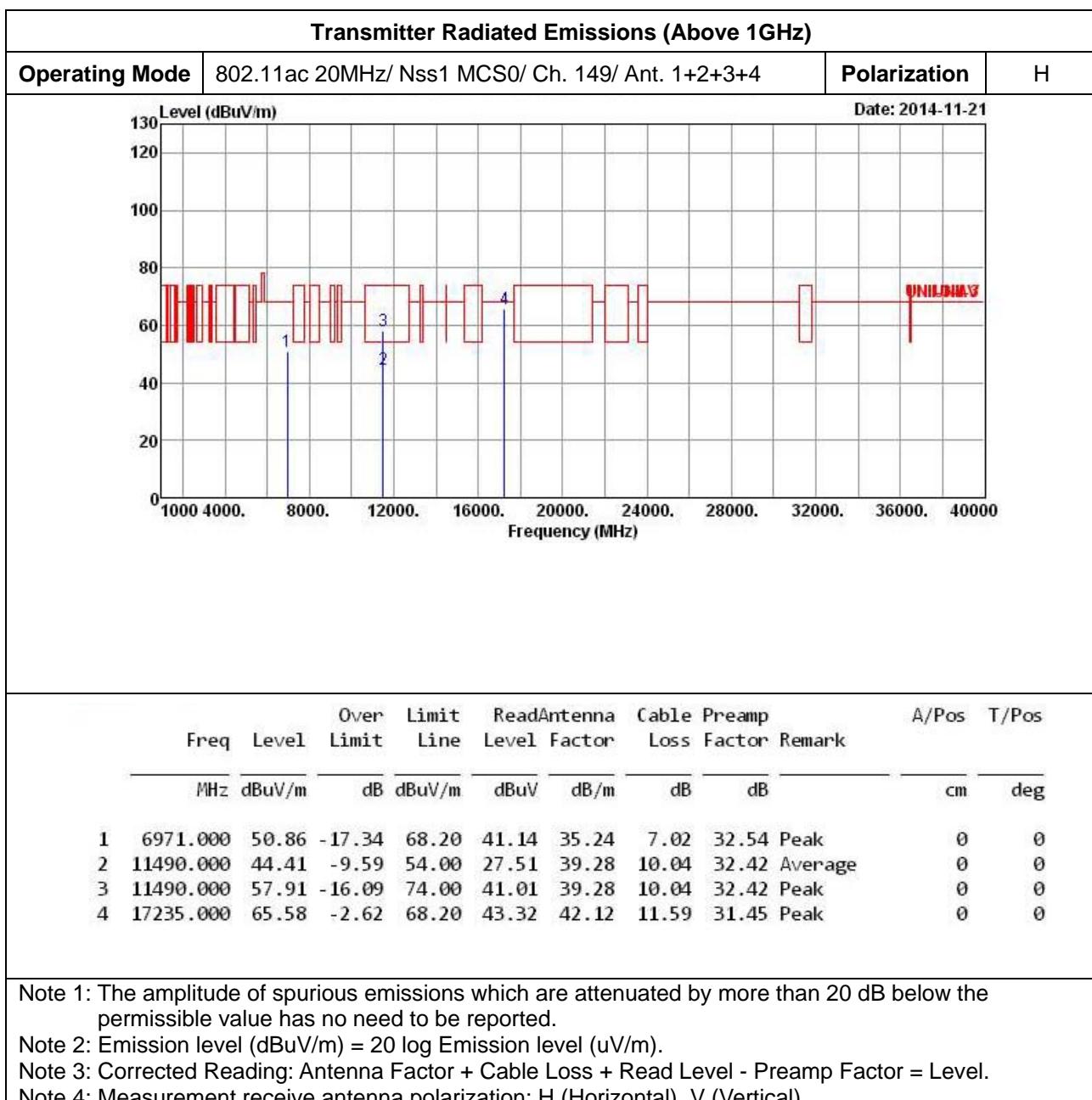


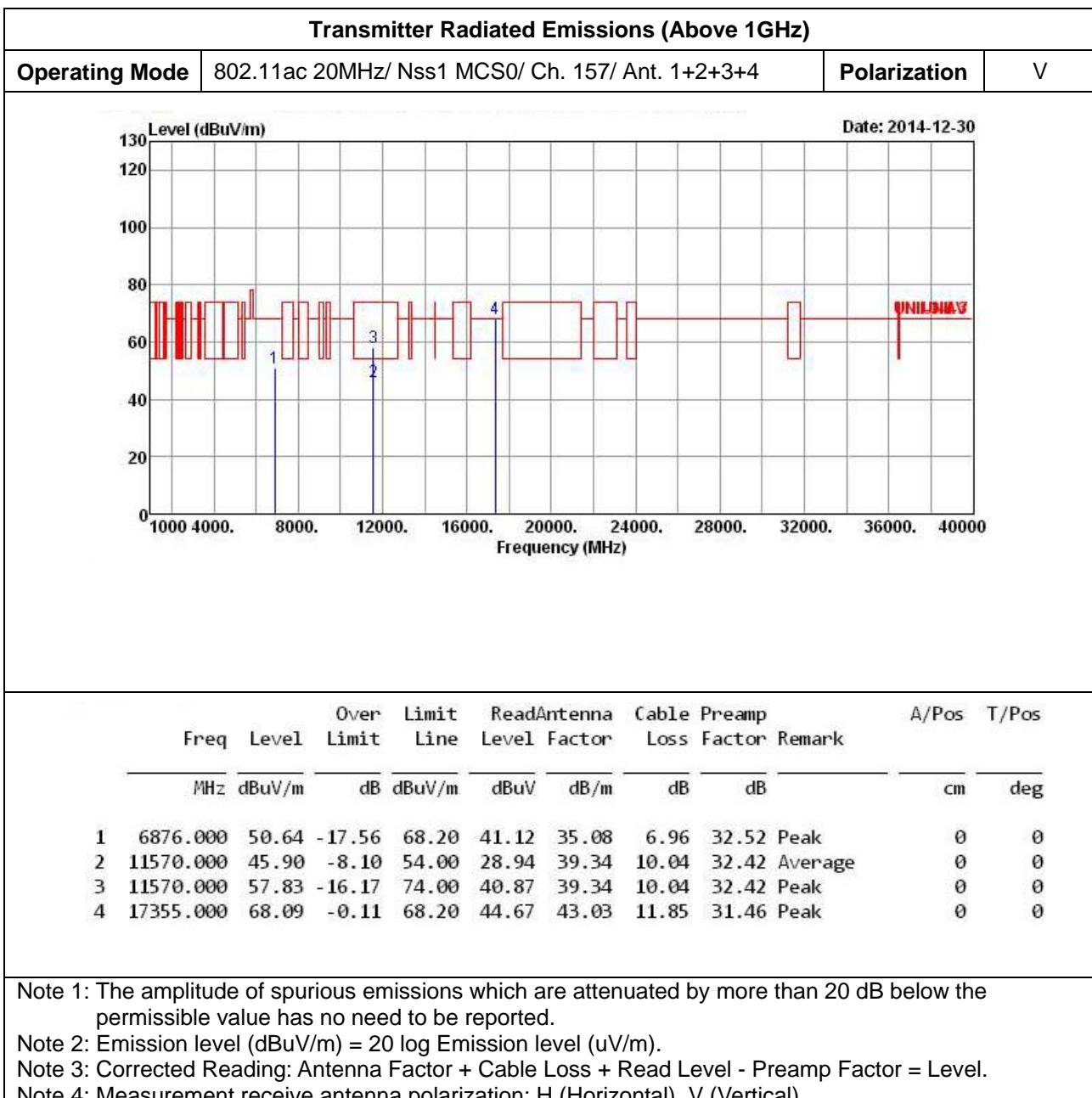


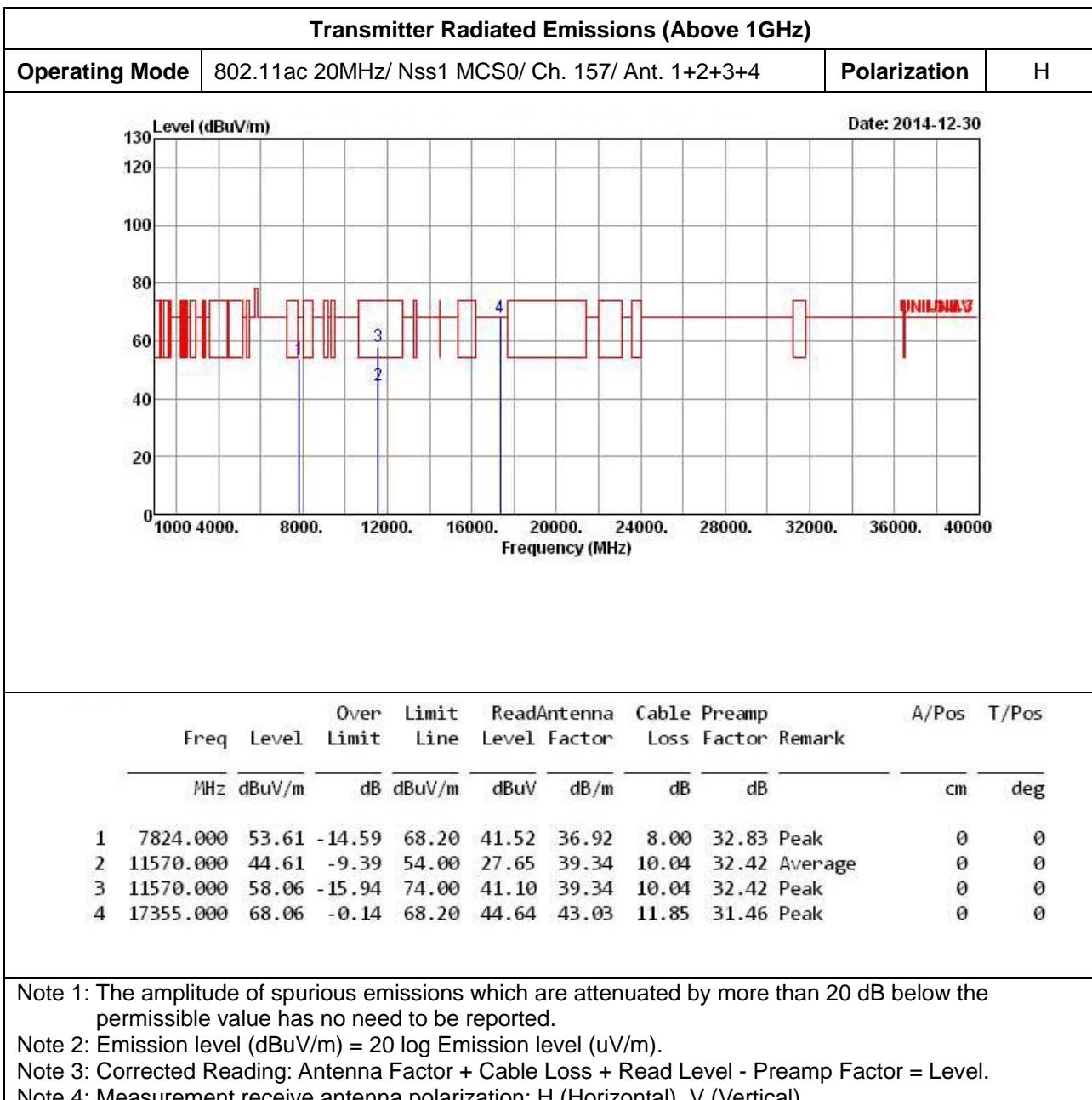


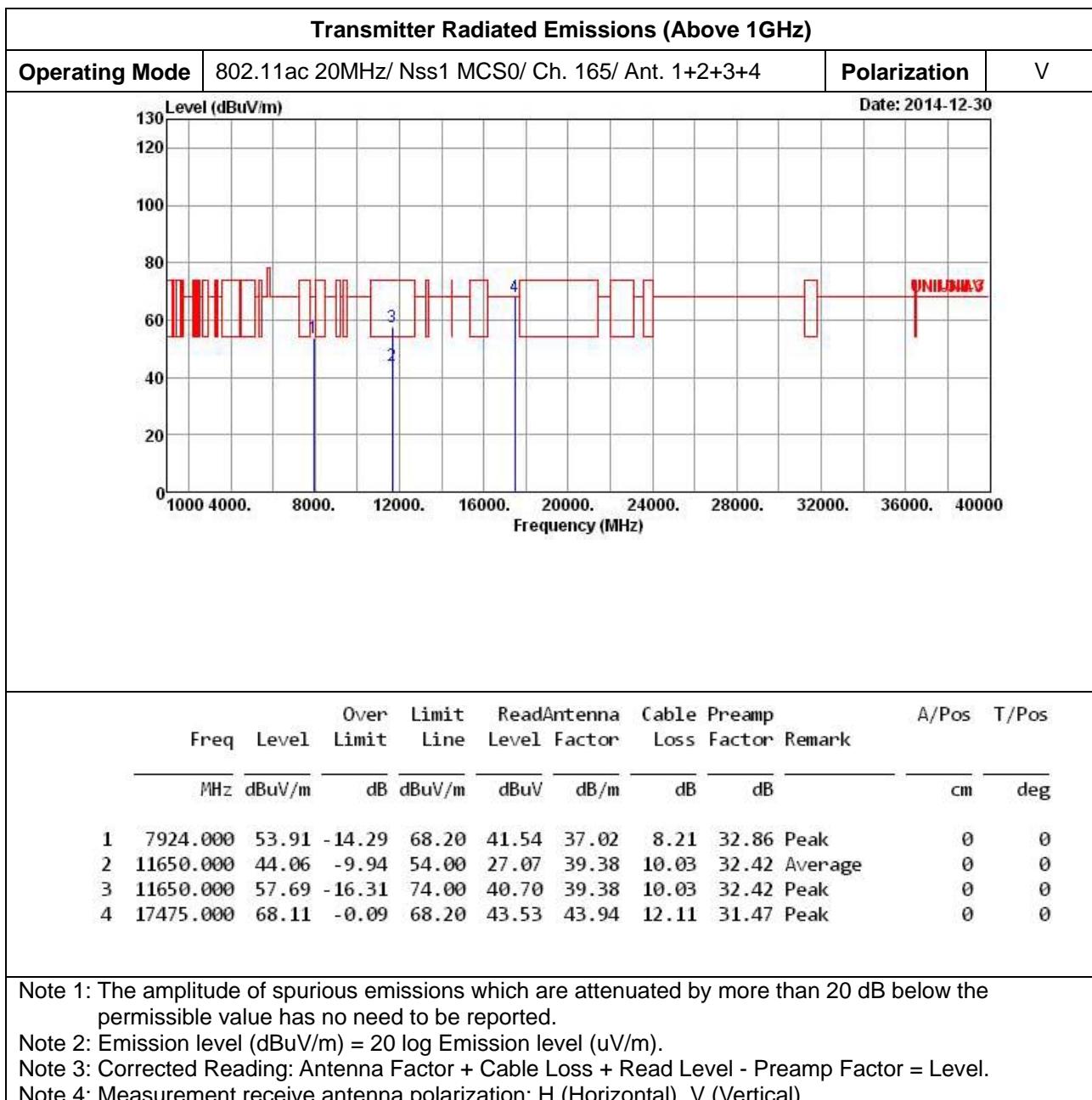






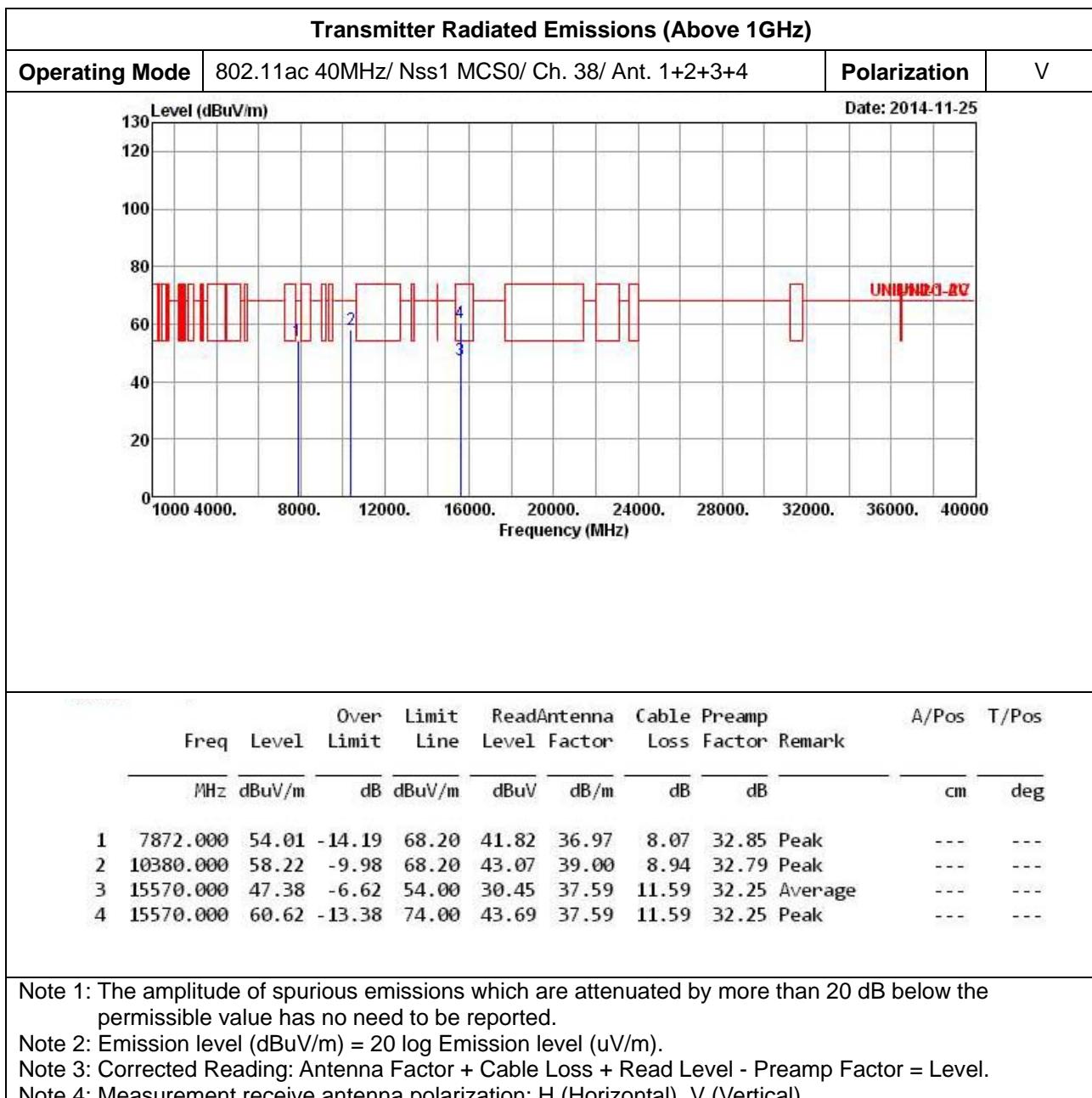


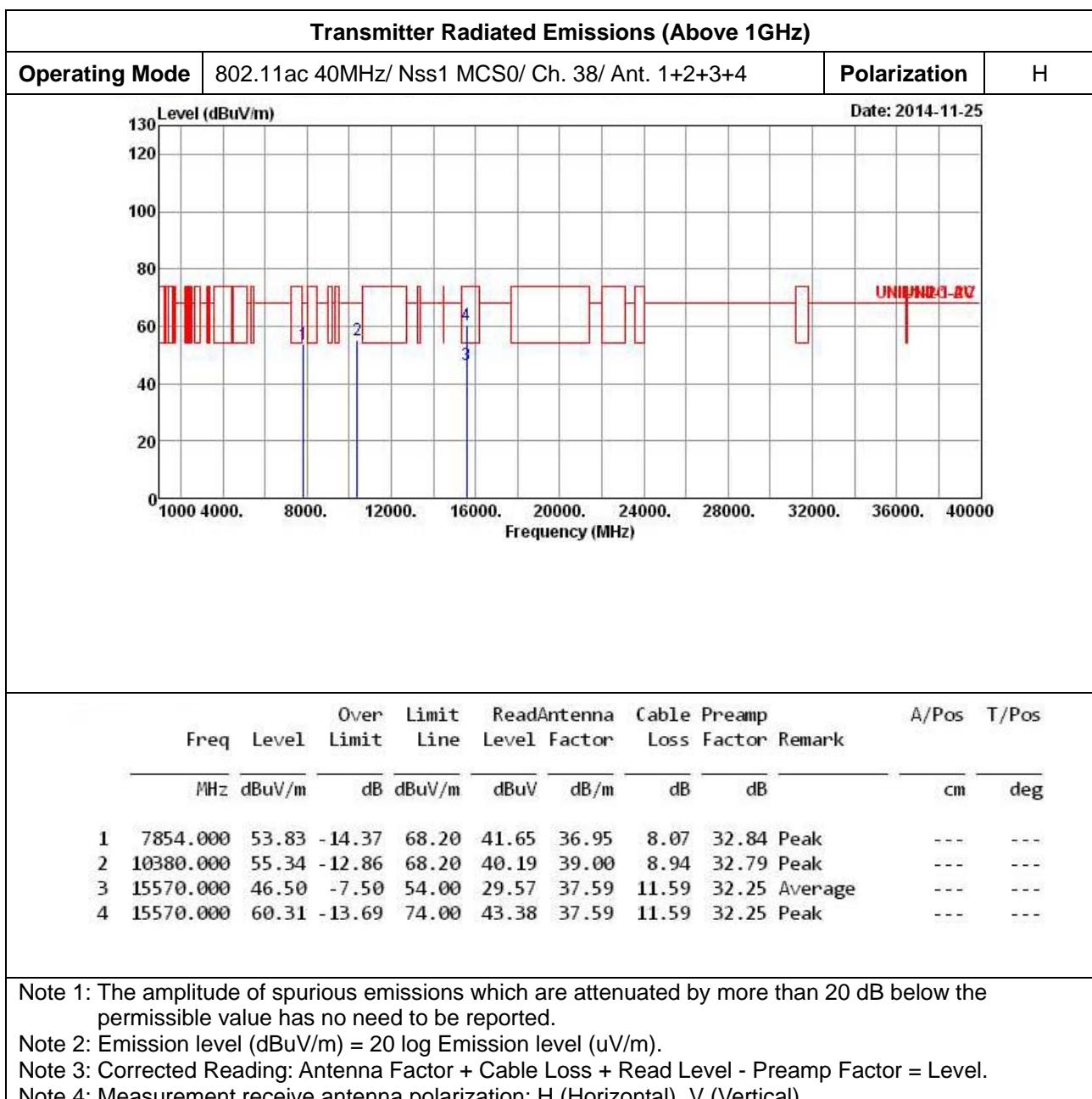


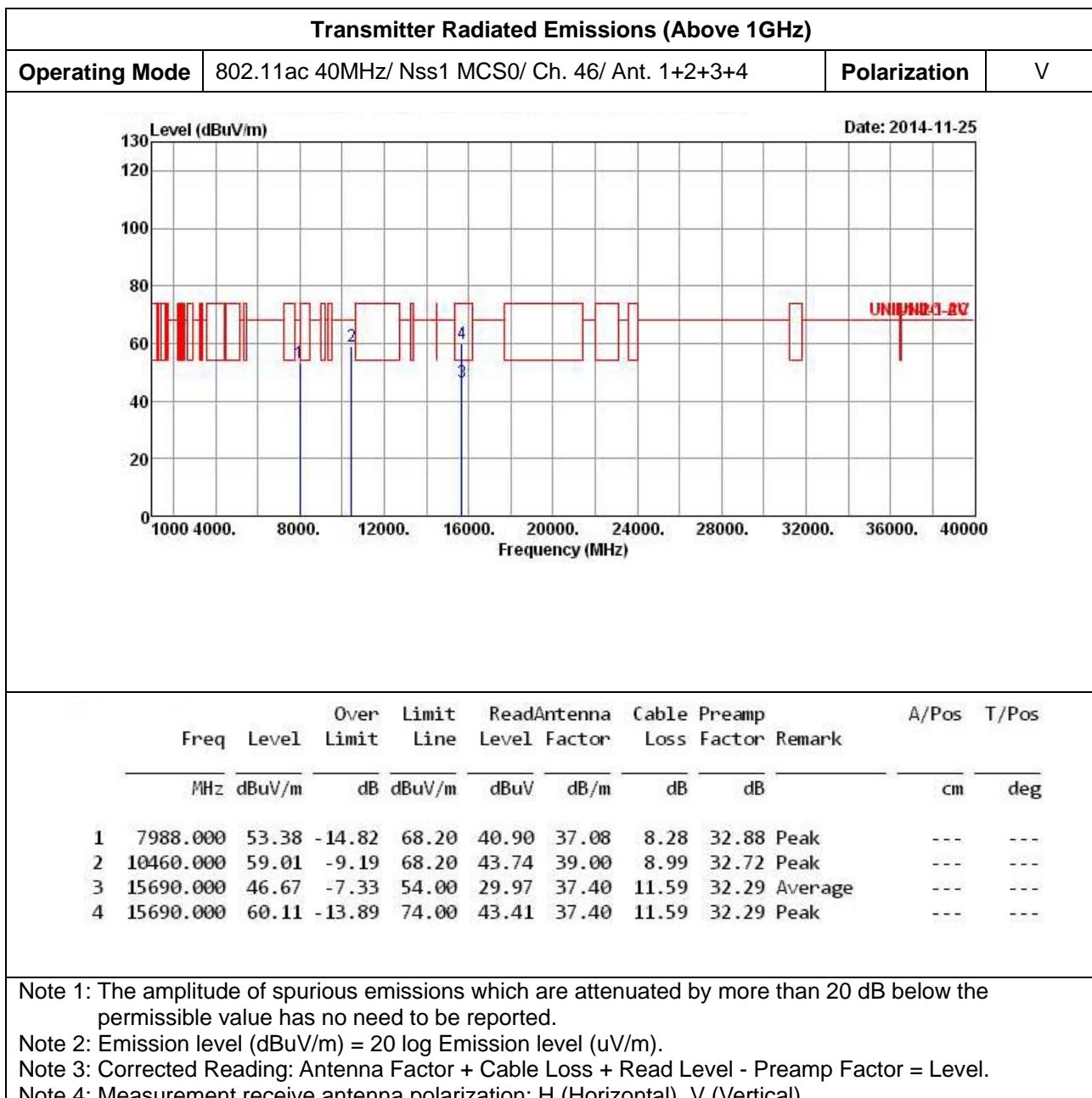


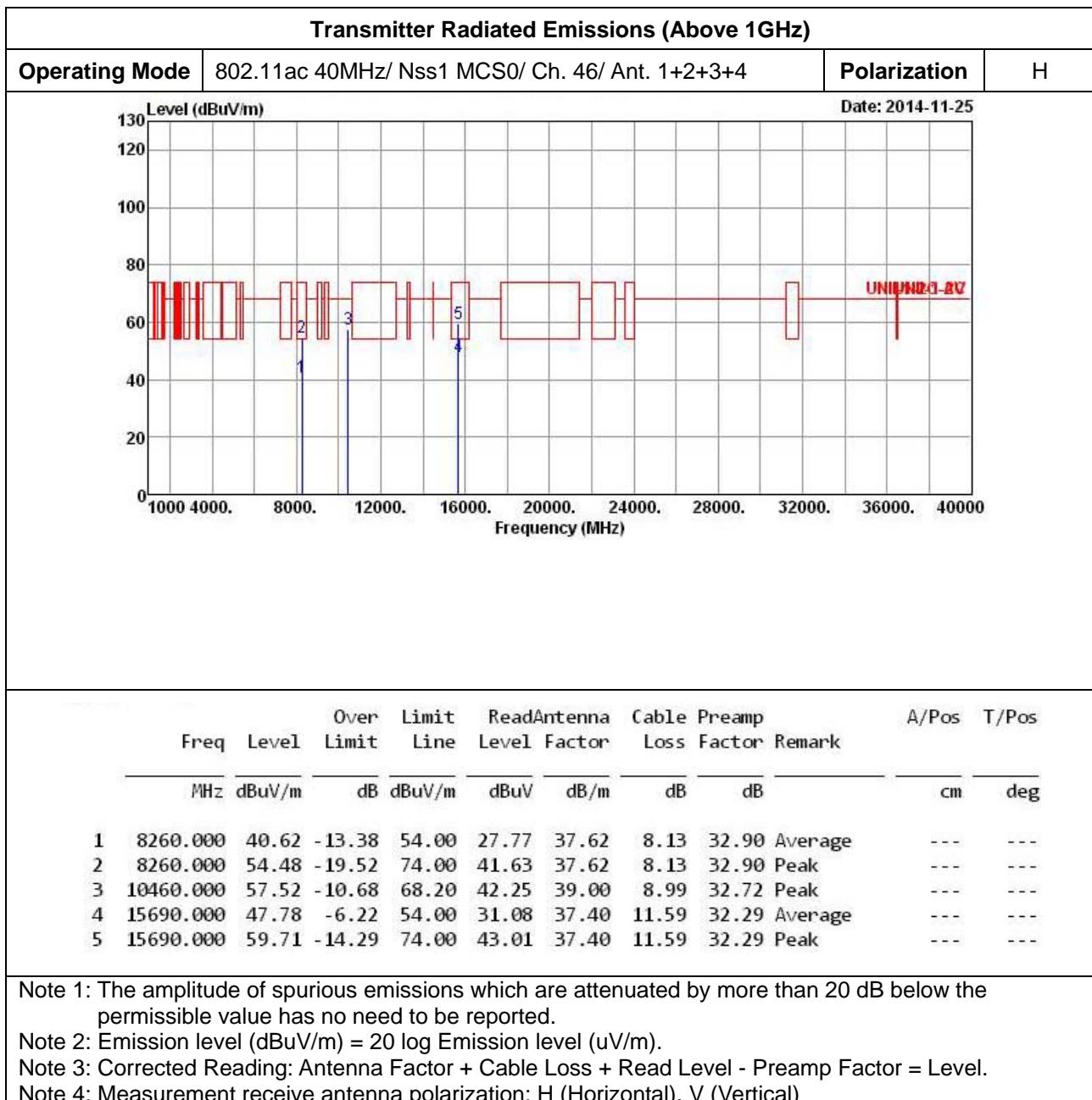


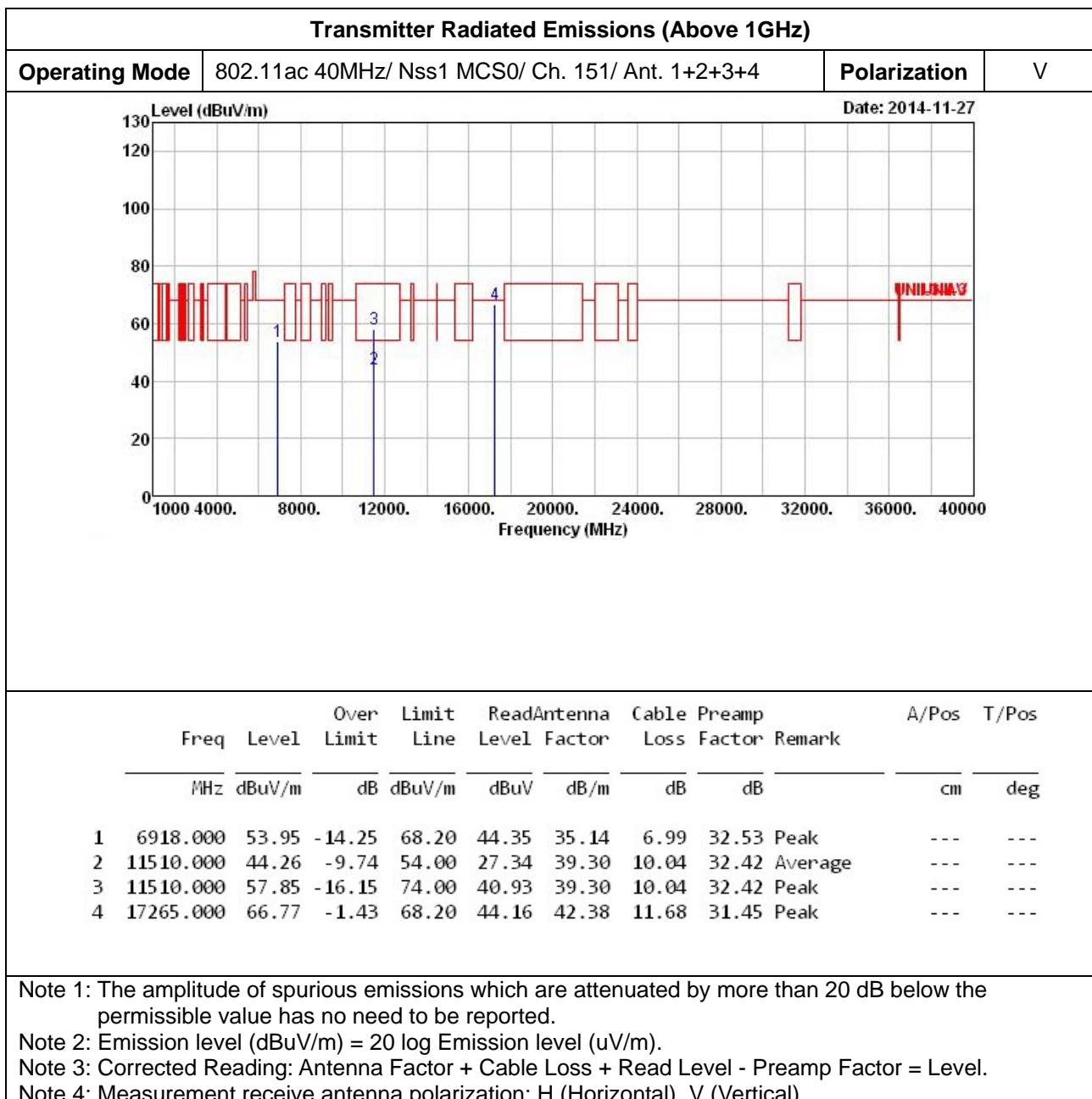
Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 20MHz/ Nss1 MCS0/ Ch. 165/ Ant. 1+2+3+4										
Level (dBuV/m)												Date: 2014-12-30
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos			
MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	Factor	Remark	cm	deg	
1	7366.000	38.66	-15.34	54.00	27.80	36.24	7.31	32.69	Average	0	0	
2	7366.000	53.61	-20.39	74.00	42.75	36.24	7.31	32.69	Peak	0	0	
3	11650.000	43.59	-10.41	54.00	26.60	39.38	10.03	32.42	Average	0	0	
4	11650.000	57.19	-16.81	74.00	40.20	39.38	10.03	32.42	Peak	0	0	
5	17475.000	67.82	-0.38	68.20	43.24	43.94	12.11	31.47	Peak	0	0	
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.												
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).												
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.												
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)												

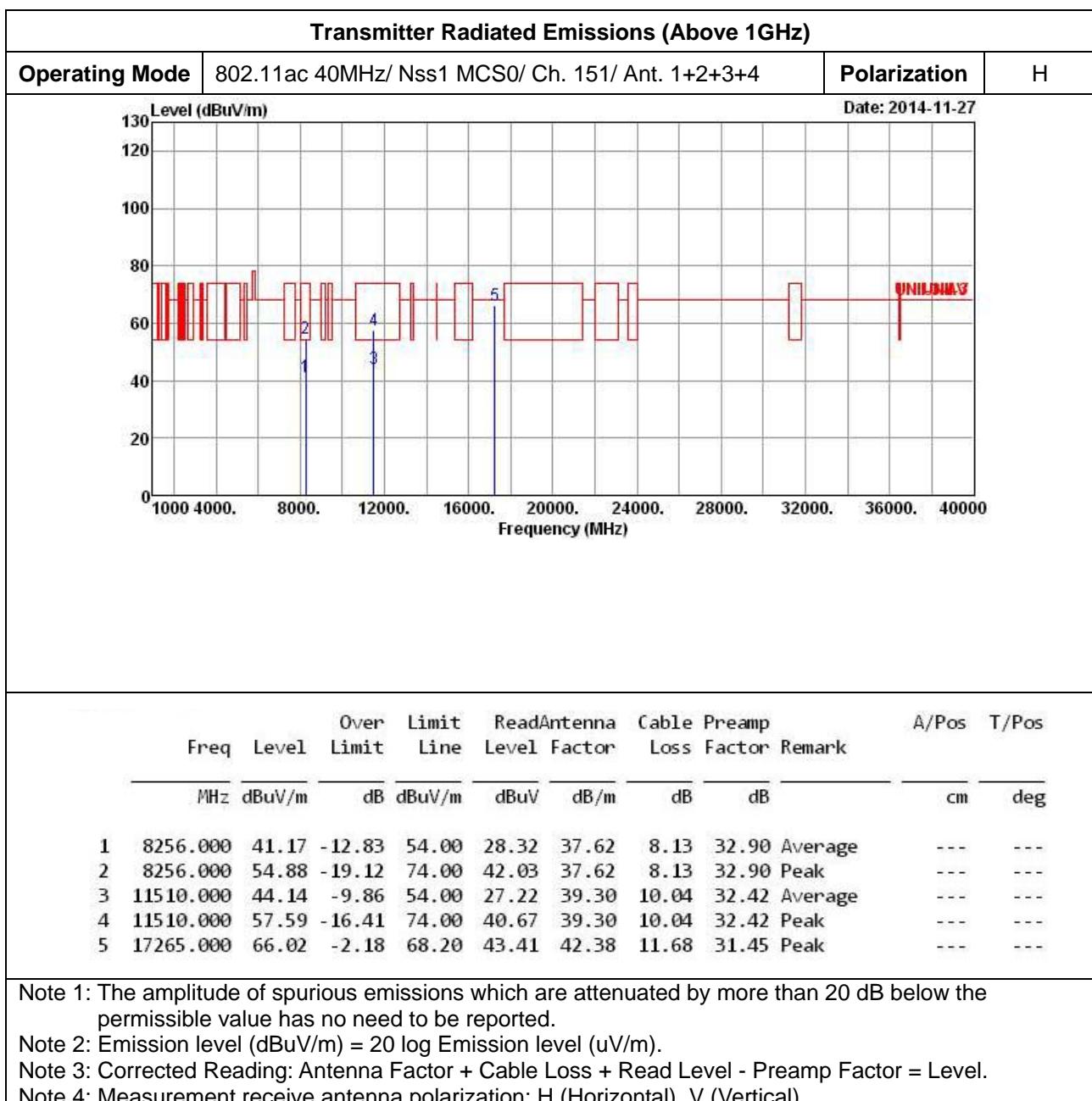


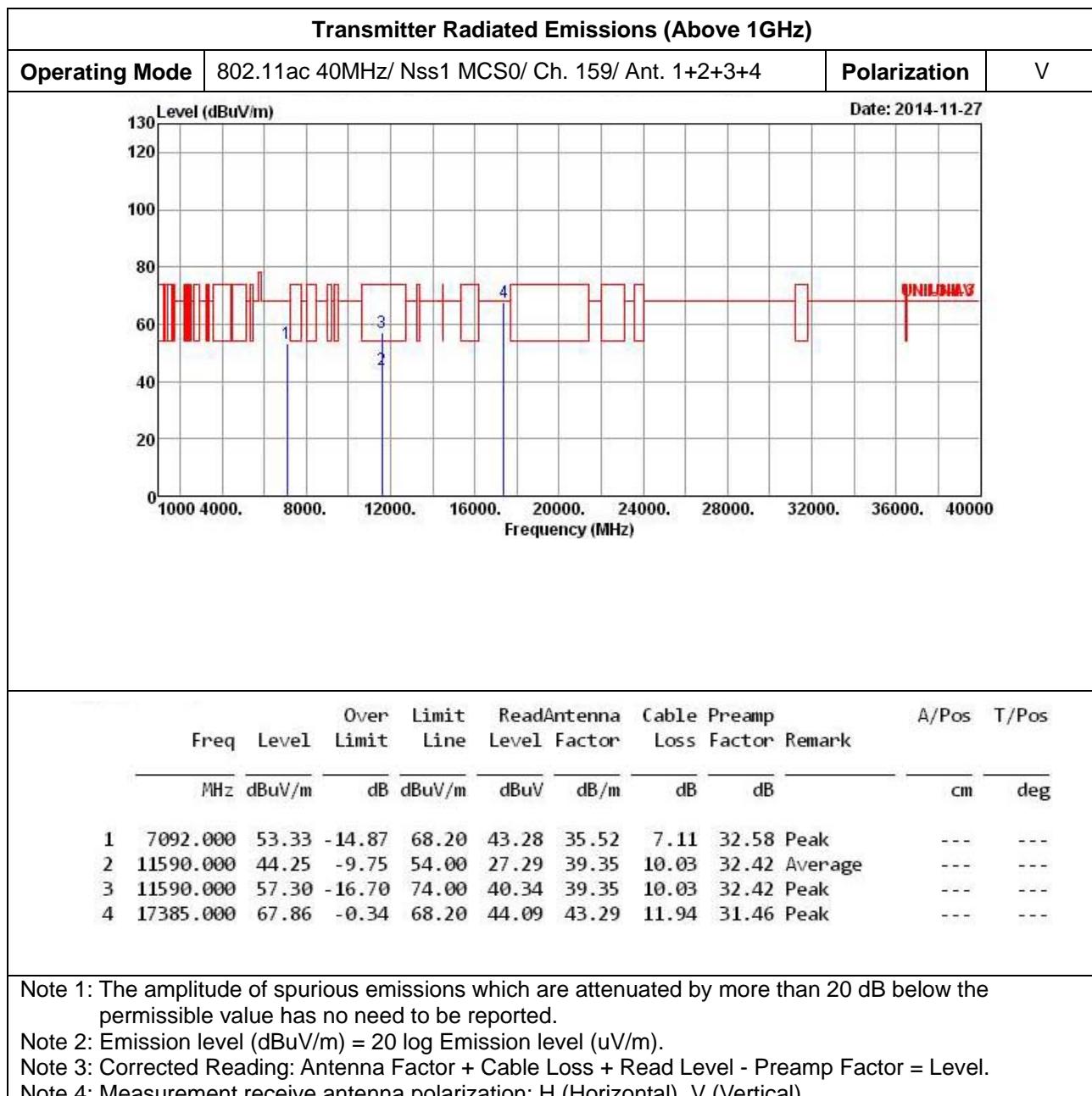


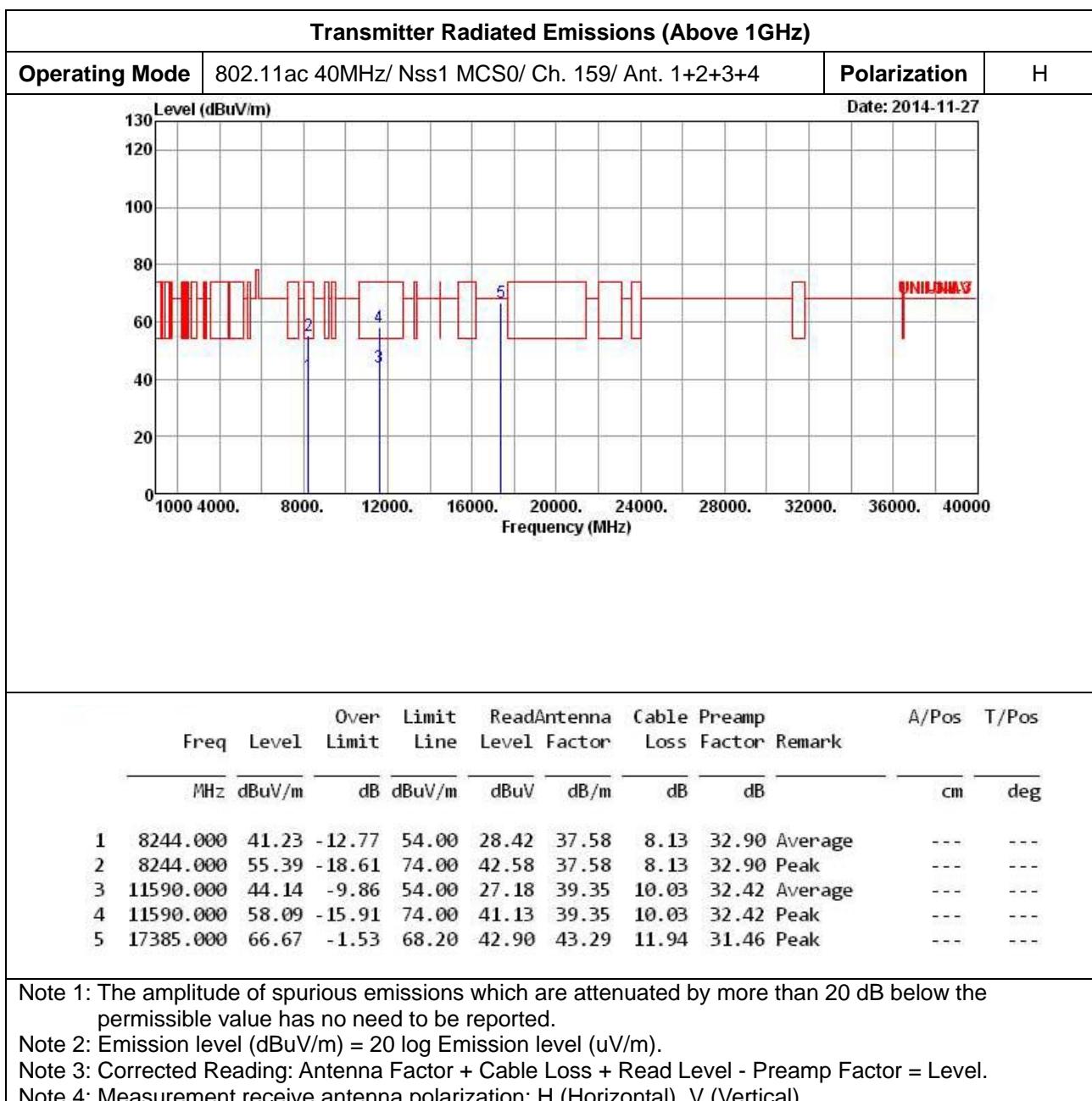










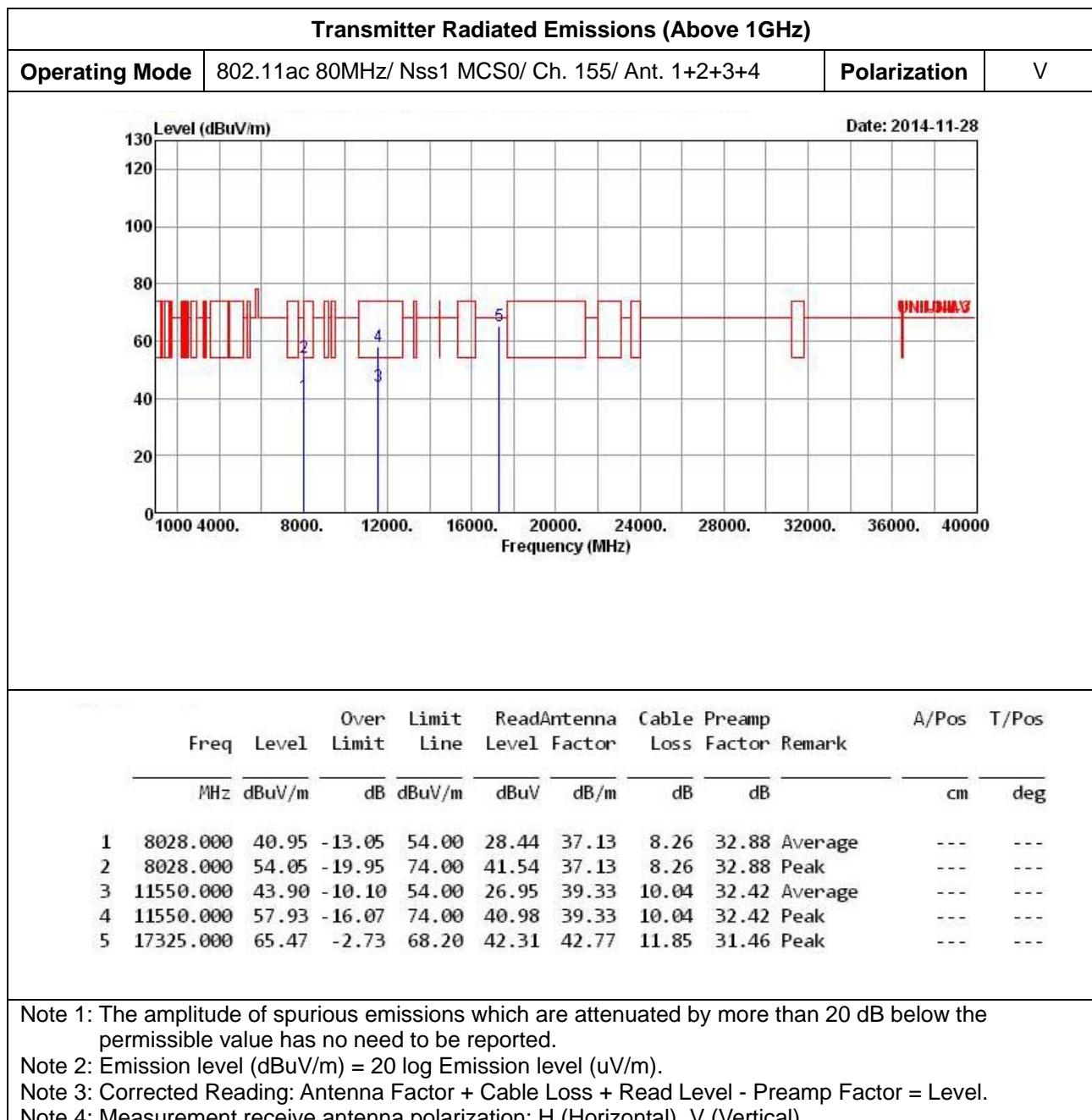




Transmitter Radiated Emissions (Above 1GHz)											
Operating Mode		802.11ac 80MHz/ Nss1 MCS0/ Ch. 42/ Ant. 1+2+3+4				Polarization		V			
Level (dB _u V/m)											Date: 2014-12-30
1000	4000.	8000.	12000.	16000.	20000.	24000.	28000.	32000.	36000.	40000	
Freq	Level	Over Limit	Line Limit	Read	Antenna Level	Cable Factor	Preamp Loss	Factor	Remark	A/Pos	T/Pos
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB		cm	deg
1 8000.000	54.13	-14.07	68.20	41.63	37.10	8.28	32.88	Peak		---	---
2 10420.000	56.84	-11.36	68.20	41.62	39.00	8.97	32.75	Peak		---	---
3 15630.000	45.89	-8.11	54.00	29.09	37.48	11.59	32.27	Average		---	---
4 15630.000	59.46	-14.54	74.00	42.66	37.48	11.59	32.27	Peak		---	---
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.											
Note 2: Emission level (dB _u V/m) = 20 log Emission level (uV/m).											
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.											
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)											



Transmitter Radiated Emissions (Above 1GHz)																			
Operating Mode		802.11ac 80MHz/ Nss1 MCS0/ Ch. 42/ Ant. 1+2+3+4								Polarization	H								
Level (dBuV/m)											Date: 2014-12-30								
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos									
MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	Factor	Remark	cm	deg								
1 7881.000	53.89	-14.31	68.20	41.69	36.98	8.07	32.85	Peak	---	---	---								
2 10420.000	57.33	-10.87	68.20	42.11	39.00	8.97	32.75	Peak	---	---	---								
3 15630.000	46.33	-7.67	54.00	29.53	37.48	11.59	32.27	Average	---	---	---								
4 15630.000	60.01	-13.99	74.00	43.21	37.48	11.59	32.27	Peak	---	---	---								
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.																			
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).																			
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.																			
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)																			



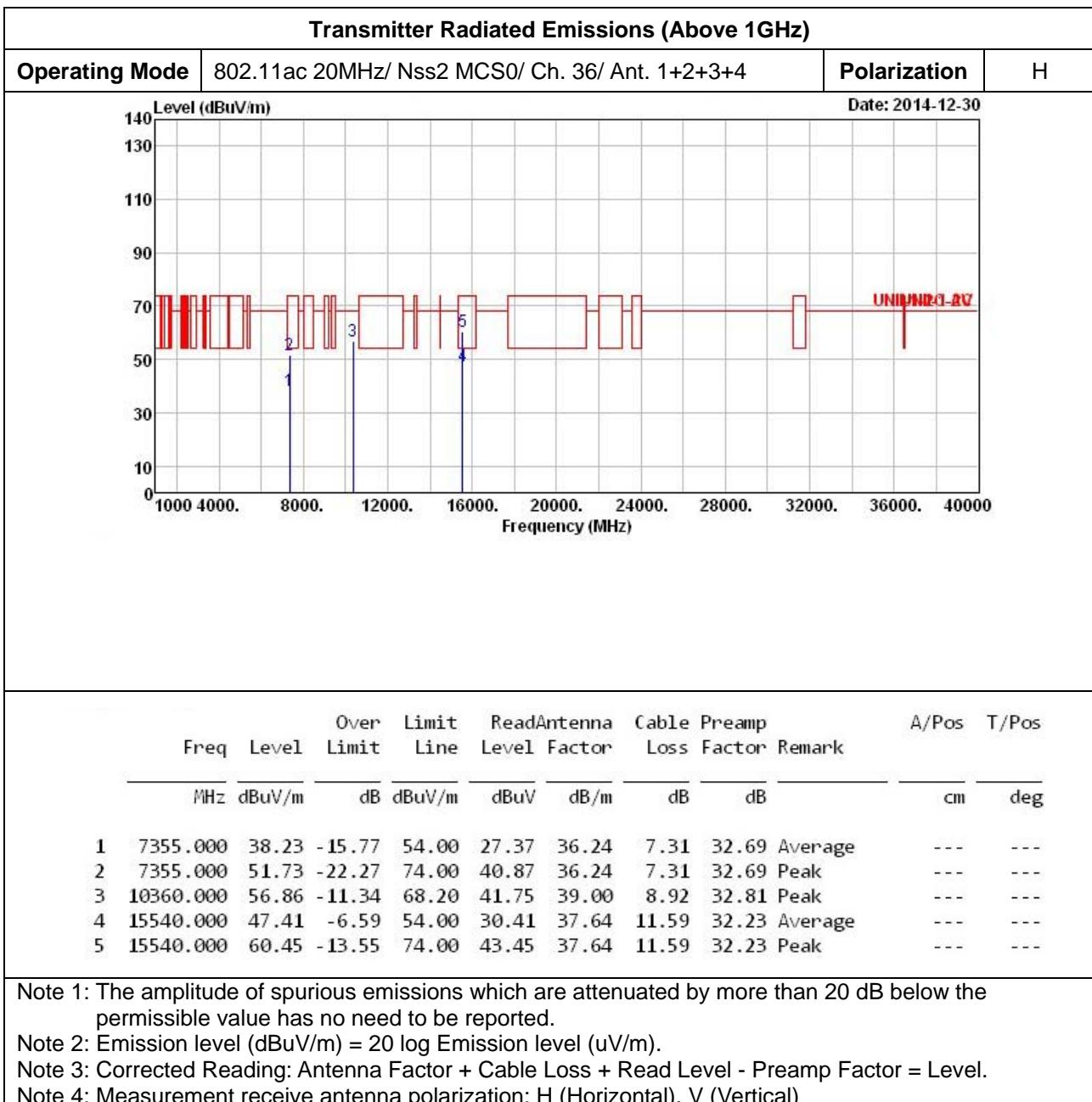


Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 80MHz/ Nss1 MCS0/ Ch. 155/ Ant. 1+2+3+4							Polarization	H		
Level (dBuV/m)											Date: 2014-11-28	
1	7896.000	54.04	-14.16	68.20	41.75	37.00	8.14	32.85	Peak	---	---	
2	11550.000	43.92	-10.08	54.00	26.97	39.33	10.04	32.42	Average	---	---	
3	11550.000	57.87	-16.13	74.00	40.92	39.33	10.04	32.42	Peak	---	---	
4	17325.000	65.51	-2.69	68.20	42.35	42.77	11.85	31.46	Peak	---	---	
A/Pos T/Pos												
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	cm	deg	
1	7896.000	54.04	-14.16	68.20	41.75	37.00	8.14	32.85	Peak	---	---	
2	11550.000	43.92	-10.08	54.00	26.97	39.33	10.04	32.42	Average	---	---	
3	11550.000	57.87	-16.13	74.00	40.92	39.33	10.04	32.42	Peak	---	---	
4	17325.000	65.51	-2.69	68.20	42.35	42.77	11.85	31.46	Peak	---	---	
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.												
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).												
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.												
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)												



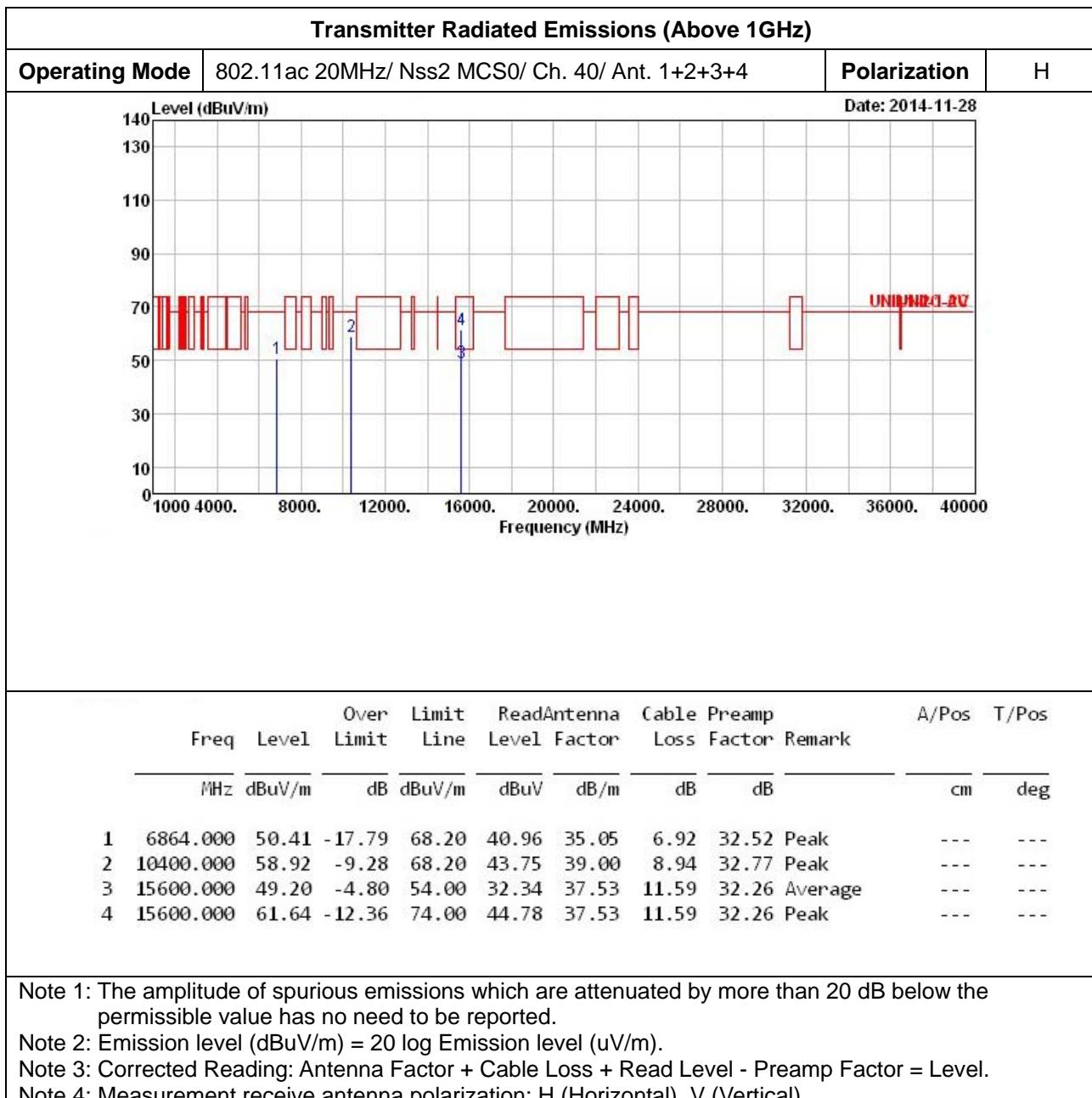
4.10 Results of Radiated Emissions (Above 1GHz) TXBF Mode

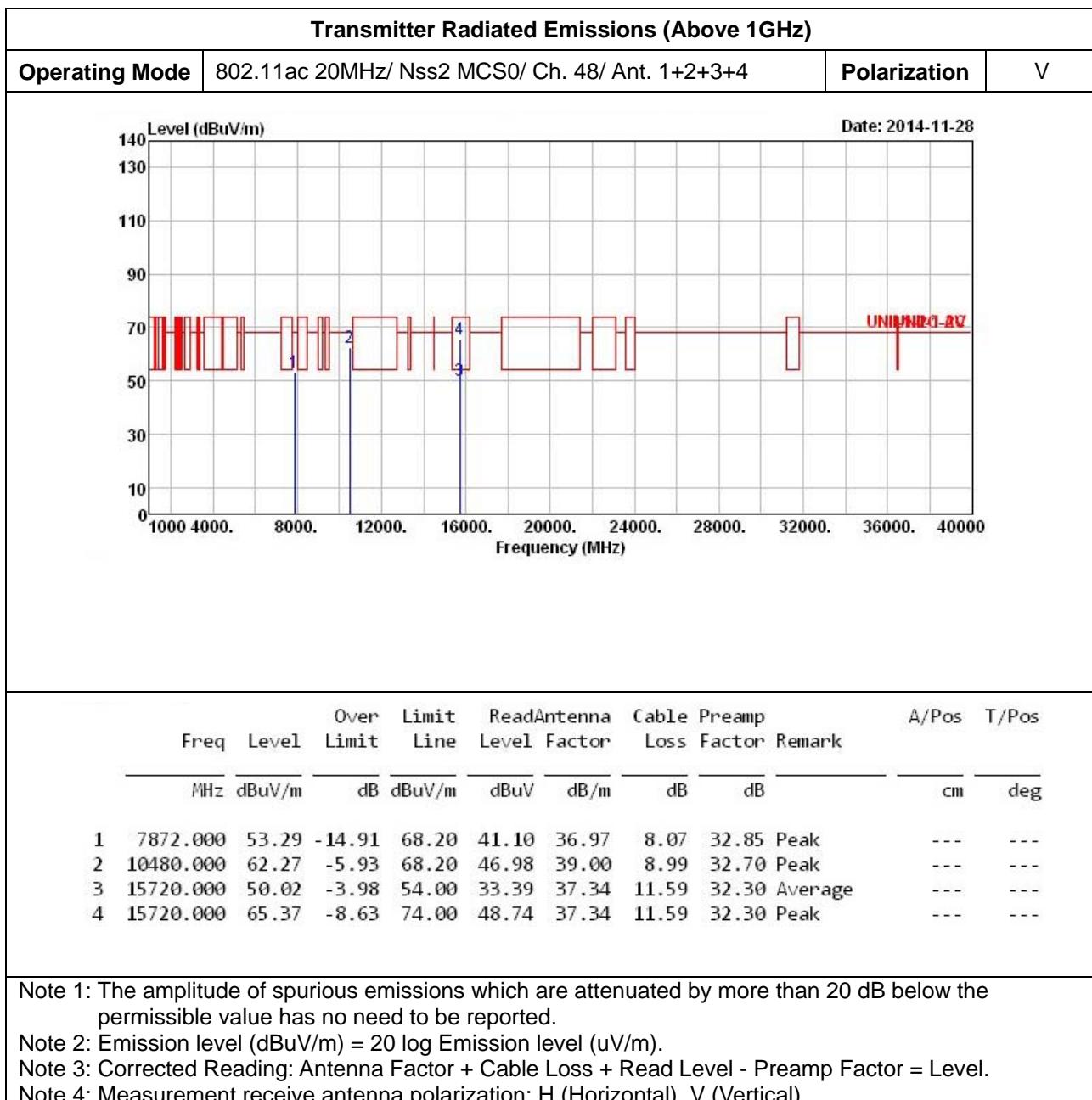
Transmitter Radiated Emissions (Above 1GHz)																																																																													
Operating Mode		802.11ac 20MHz/ Nss2 MCS0/ Ch. 36/ Ant. 1+2+3+4					Polarization		V																																																																				
Level (dBuV/m)									Date: 2014-12-30																																																																				
									UNIBURG-2017																																																																				
<table><thead><tr><th rowspan="2">Freq</th><th rowspan="2">Level</th><th>Over</th><th>Limit</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th></tr><tr><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>6720.000</td><td>49.93</td><td>-18.27</td><td>68.20</td><td>40.83</td><td>34.77</td><td>6.83</td><td>32.50</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>10360.000</td><td>56.64</td><td>-11.56</td><td>68.20</td><td>41.53</td><td>39.00</td><td>8.92</td><td>32.81</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>15540.000</td><td>48.22</td><td>-5.78</td><td>54.00</td><td>31.22</td><td>37.64</td><td>11.59</td><td>32.23</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>15540.000</td><td>59.84</td><td>-14.16</td><td>74.00</td><td>42.84</td><td>37.64</td><td>11.59</td><td>32.23</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>											Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos	Limit	Line	Level	Factor	Loss	Factor	Remark	cm	deg	1	6720.000	49.93	-18.27	68.20	40.83	34.77	6.83	32.50	Peak	---	---	2	10360.000	56.64	-11.56	68.20	41.53	39.00	8.92	32.81	Peak	---	---	3	15540.000	48.22	-5.78	54.00	31.22	37.64	11.59	32.23	Average	---	---	4	15540.000	59.84	-14.16	74.00	42.84	37.64	11.59	32.23	Peak	---	---
Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos																																																																				
		Limit	Line	Level	Factor	Loss	Factor	Remark	cm	deg																																																																			
1	6720.000	49.93	-18.27	68.20	40.83	34.77	6.83	32.50	Peak	---	---																																																																		
2	10360.000	56.64	-11.56	68.20	41.53	39.00	8.92	32.81	Peak	---	---																																																																		
3	15540.000	48.22	-5.78	54.00	31.22	37.64	11.59	32.23	Average	---	---																																																																		
4	15540.000	59.84	-14.16	74.00	42.84	37.64	11.59	32.23	Peak	---	---																																																																		
<p>Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.</p> <p>Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).</p> <p>Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.</p> <p>Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)</p>																																																																													





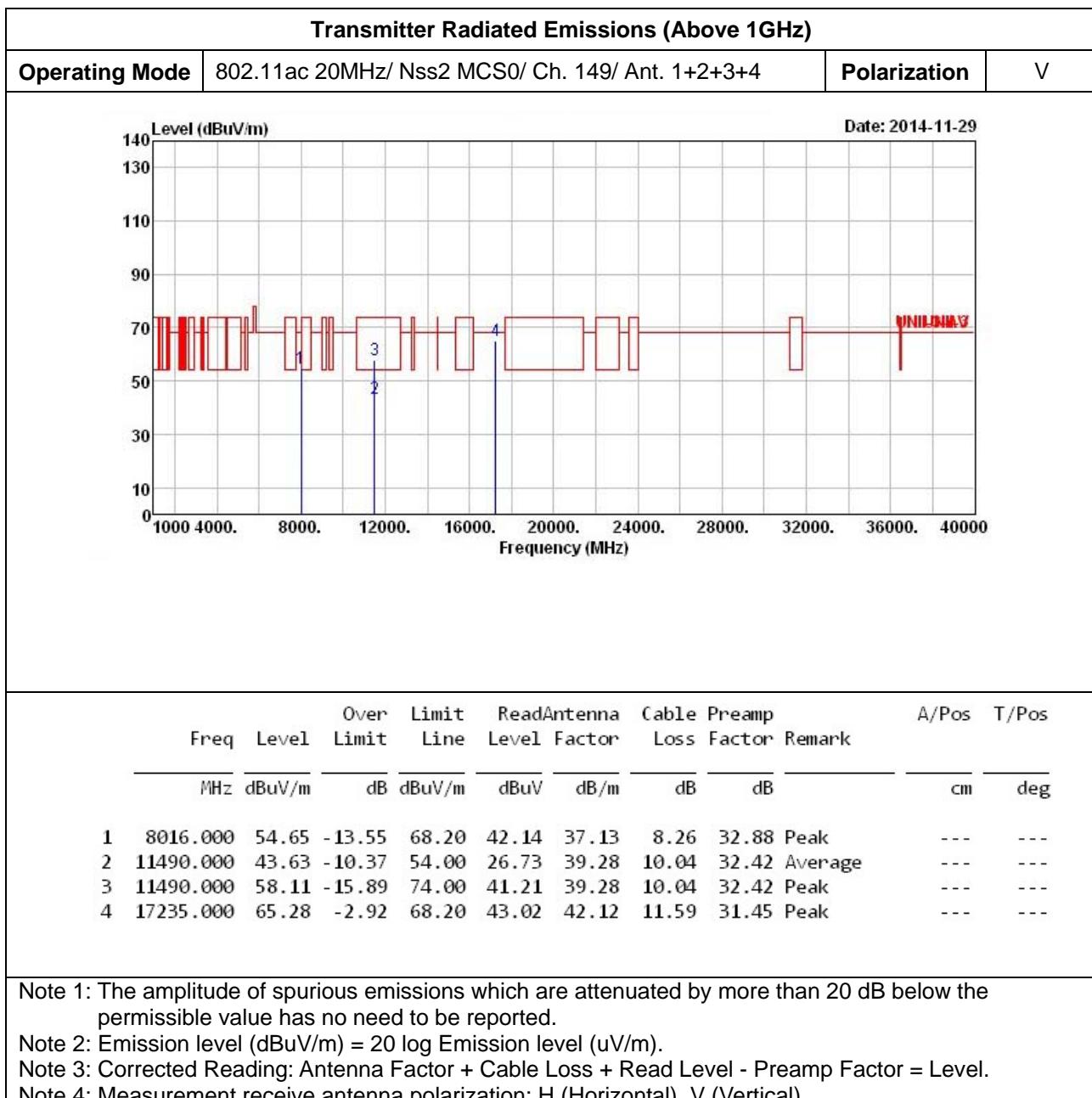
Transmitter Radiated Emissions (Above 1GHz)											
Operating Mode		802.11ac 20MHz/ Nss2 MCS0/ Ch. 40/ Ant. 1+2+3+4				Polarization		V			
Level (dBuV/m)											Date: 2014-11-28
1	0008.000	51.29	-16.91	68.20	41.48	35.30	7.05	32.54	Peak	---	---
2	10400.000	63.53	-4.67	68.20	48.36	39.00	8.94	32.77	Peak	---	---
3	15600.000	50.30	-3.70	54.00	33.44	37.53	11.59	32.26	Average	---	---
4	15600.000	65.25	-8.75	74.00	48.39	37.53	11.59	32.26	Peak	---	---
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.											
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).											
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.											
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)											



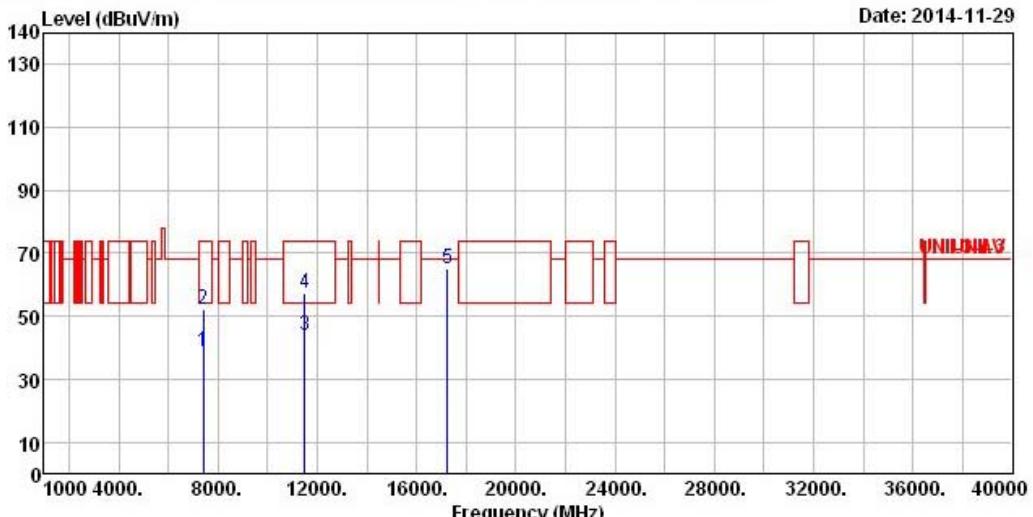




Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 20MHz/ Nss2 MCS0/ Ch. 48/ Ant. 1+2+3+4							Polarization		H	
Level (dBuV/m)											Date: 2014-11-28	
1	7896.000	54.09	-14.11	68.20	41.80	37.00	8.14	32.85	Peak	---	---	
2	10480.000	59.53	-8.67	68.20	44.24	39.00	8.99	32.70	Peak	---	---	
3	15720.000	48.05	-5.95	54.00	31.42	37.34	11.59	32.30	Average	---	---	
4	15720.000	61.00	-13.00	74.00	44.37	37.34	11.59	32.30	Peak	---	---	
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg			
1	7896.000	54.09	-14.11	68.20	41.80	37.00	8.14	32.85	Peak	---	---	
2	10480.000	59.53	-8.67	68.20	44.24	39.00	8.99	32.70	Peak	---	---	
3	15720.000	48.05	-5.95	54.00	31.42	37.34	11.59	32.30	Average	---	---	
4	15720.000	61.00	-13.00	74.00	44.37	37.34	11.59	32.30	Peak	---	---	
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.												
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).												
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.												
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)												





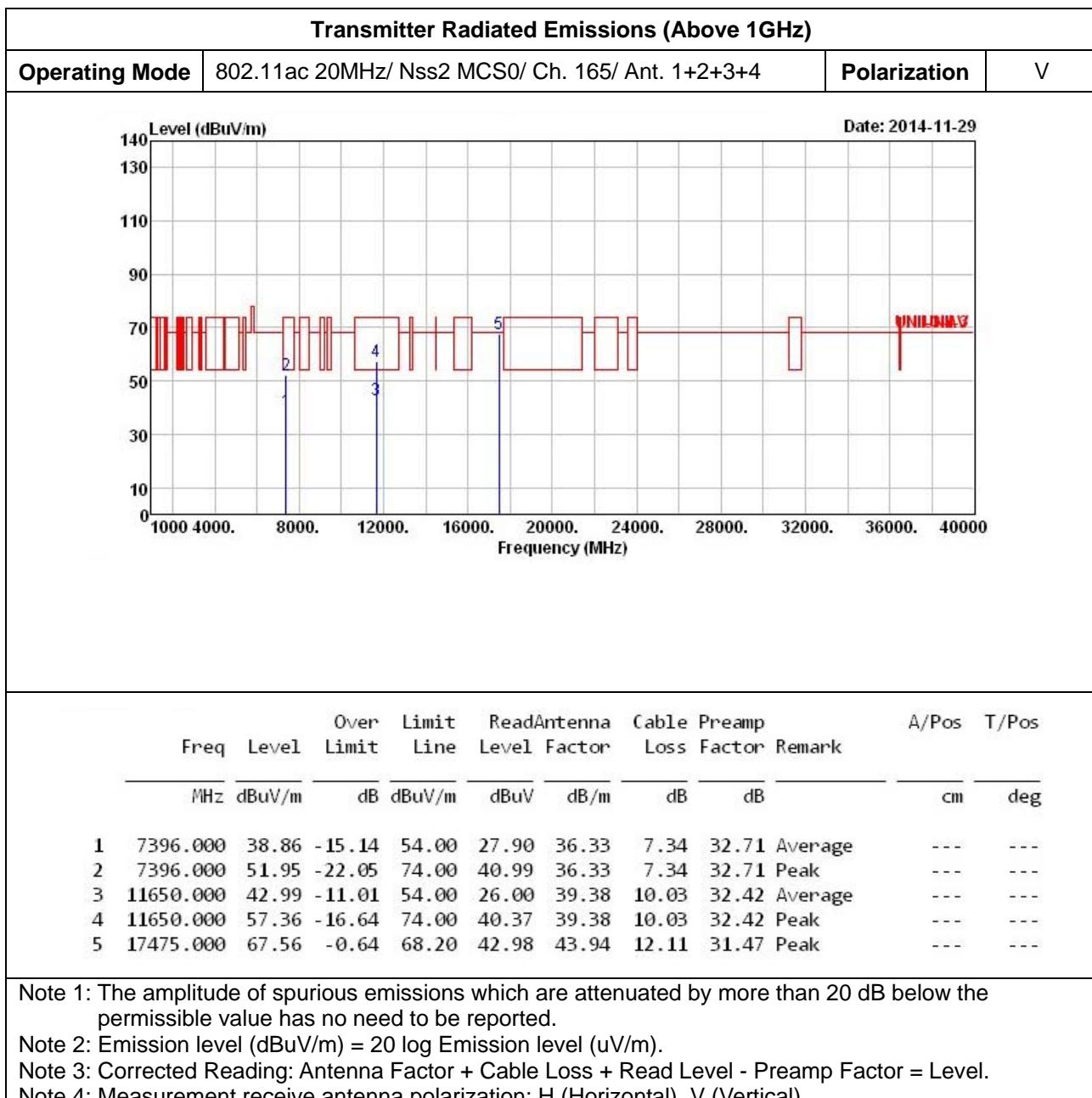
Transmitter Radiated Emissions (Above 1GHz)																																																																																								
Operating Mode		802.11ac 20MHz/ Nss2 MCS0/ Ch. 149/ Ant. 1+2+3+4								Polarization	H																																																																													
											Date: 2014-11-29																																																																													
<table><thead><tr><th rowspan="2">Freq MHz</th><th rowspan="2">Level dBuV/m</th><th>Over</th><th>Limit</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th colspan="2">A/Pos</th><th colspan="2">T/Pos</th></tr><tr><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 7398.000</td><td>38.84</td><td>-15.16</td><td>54.00</td><td>27.88</td><td>36.33</td><td>7.34</td><td>32.71</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>2 7398.000</td><td>52.15</td><td>-21.85</td><td>74.00</td><td>41.19</td><td>36.33</td><td>7.34</td><td>32.71</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3 11490.000</td><td>43.79</td><td>-10.21</td><td>54.00</td><td>26.89</td><td>39.28</td><td>10.04</td><td>32.42</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4 11490.000</td><td>57.53</td><td>-16.47</td><td>74.00</td><td>40.63</td><td>39.28</td><td>10.04</td><td>32.42</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5 17235.000</td><td>65.01</td><td>-3.19</td><td>68.20</td><td>42.75</td><td>42.12</td><td>11.59</td><td>31.45</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>												Freq MHz	Level dBuV/m	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos		Level	Limit	Line	Level	Factor	Loss	Factor	Remark	cm	deg	1 7398.000	38.84	-15.16	54.00	27.88	36.33	7.34	32.71	Average	---	---	2 7398.000	52.15	-21.85	74.00	41.19	36.33	7.34	32.71	Peak	---	---	3 11490.000	43.79	-10.21	54.00	26.89	39.28	10.04	32.42	Average	---	---	4 11490.000	57.53	-16.47	74.00	40.63	39.28	10.04	32.42	Peak	---	---	5 17235.000	65.01	-3.19	68.20	42.75	42.12	11.59	31.45	Peak	---	---
Freq MHz	Level dBuV/m	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos																																																																														
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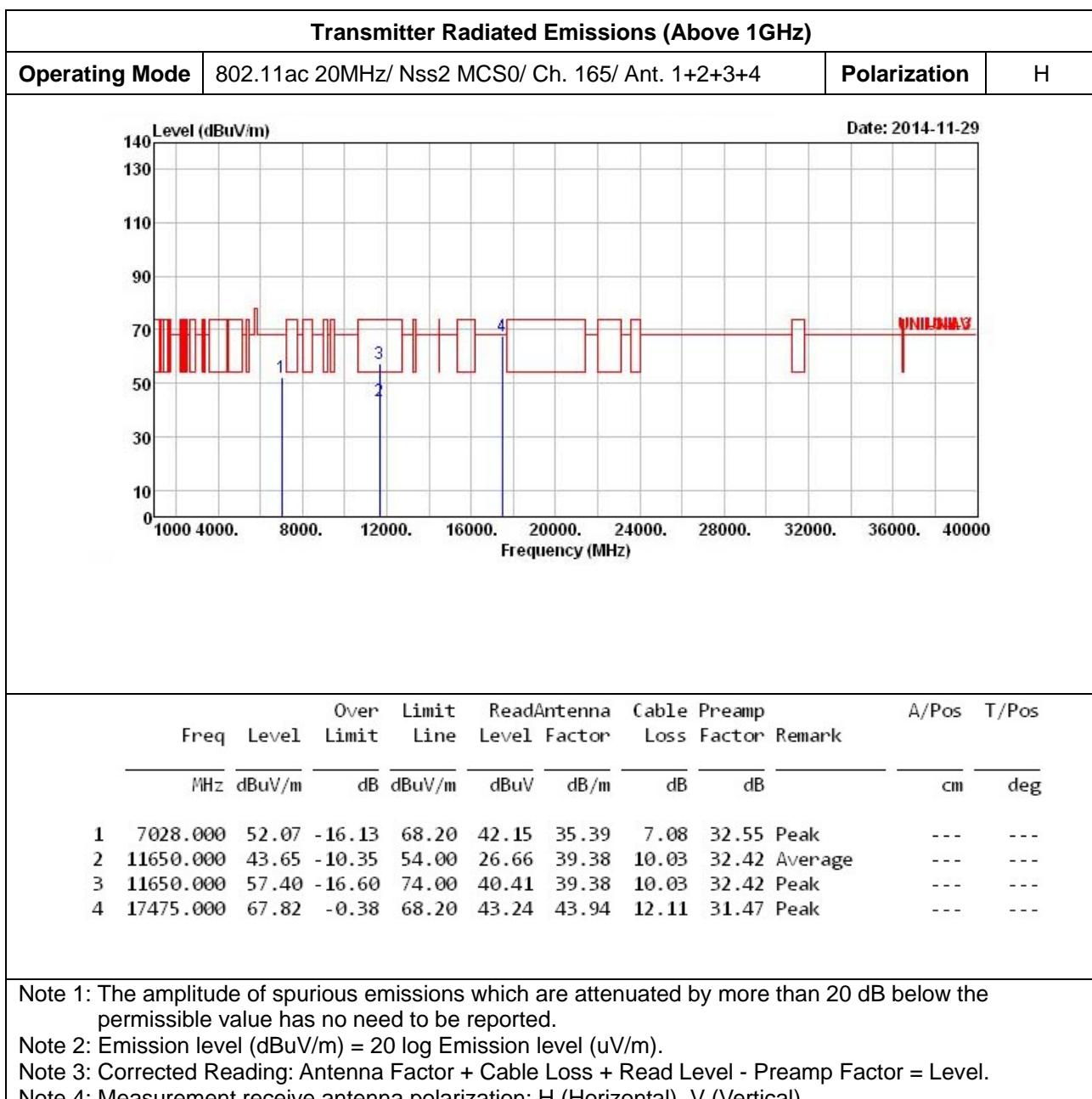


Transmitter Radiated Emissions (Above 1GHz)																	
Operating Mode		802.11ac 20MHz/ Nss2 MCS0/ Ch. 157/ Ant. 1+2+3+4				Polarization		V									
Level (dBuV/m)											Date: 2014-11-29						
Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Factor	A/Pos	T/Pos									
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm		deg						
1	7182.000	52.15	-16.05	68.20	41.78	35.79	7.20	32.62	Peak	---	---						
2	11570.000	44.76	-9.24	54.00	27.80	39.34	10.04	32.42	Average	---	---						
3	11570.000	59.26	-14.74	74.00	42.30	39.34	10.04	32.42	Peak	---	---						
4	17355.000	66.92	-1.28	68.20	43.50	43.03	11.85	31.46	Peak	---	---						
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.																	
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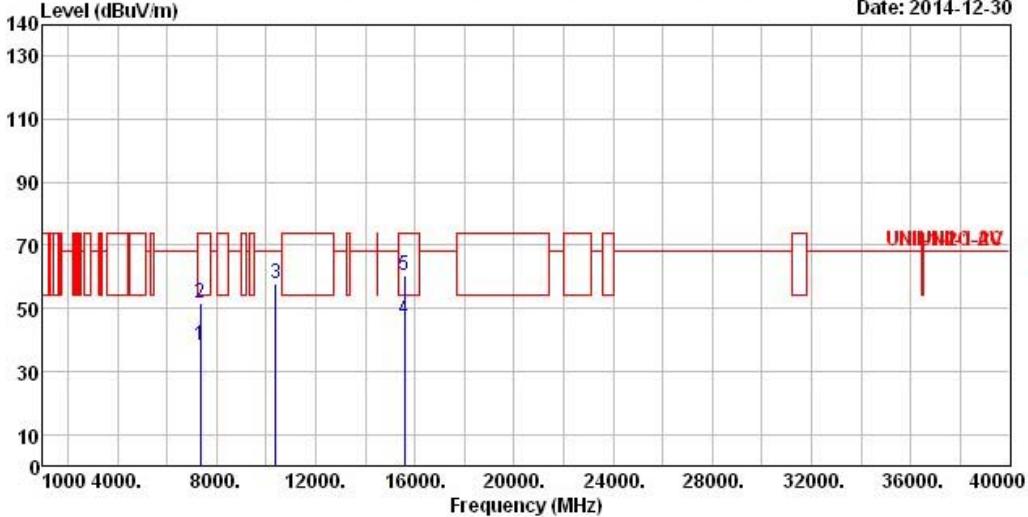


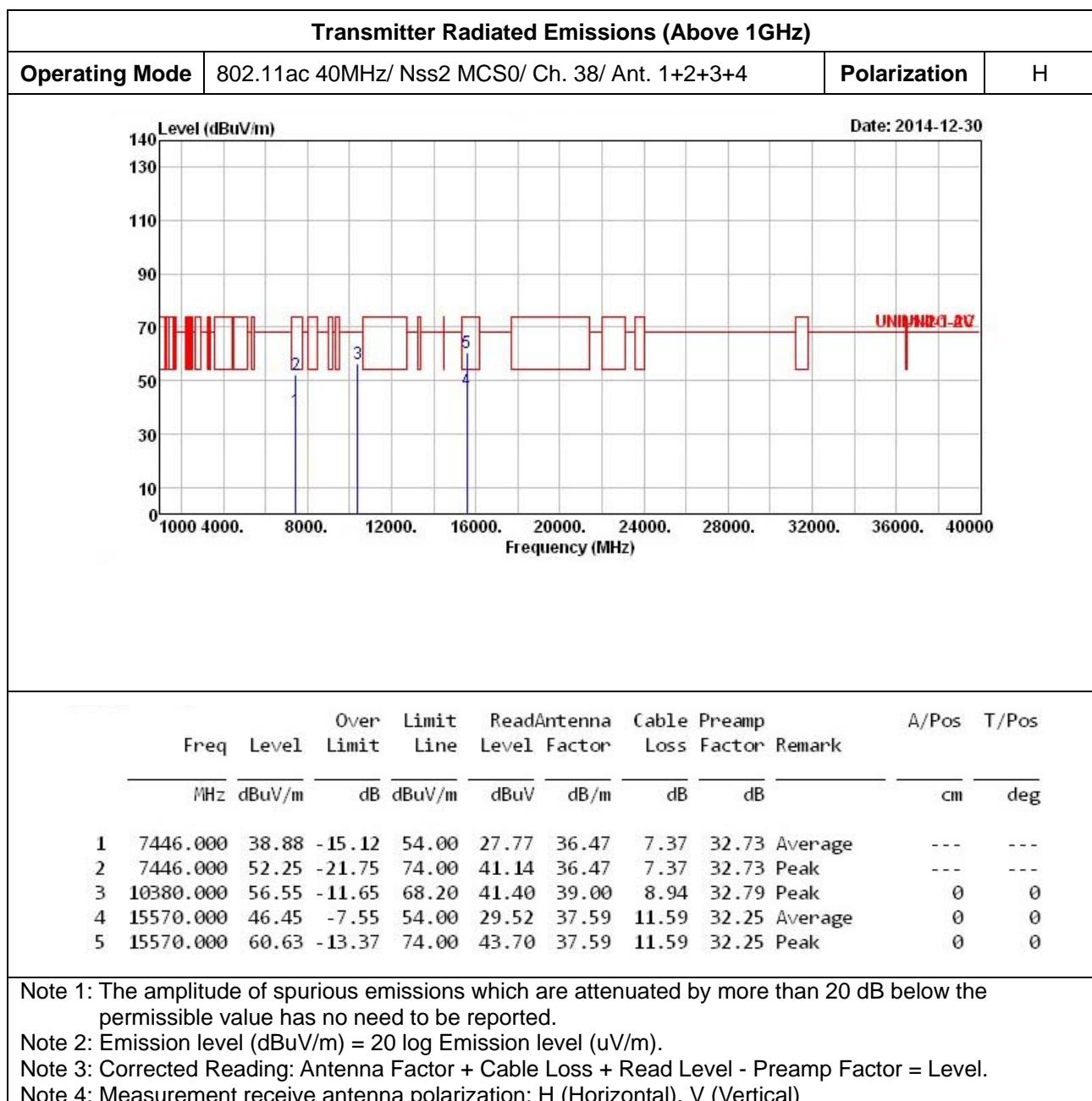
Transmitter Radiated Emissions (Above 1GHz)																						
Operating Mode		802.11ac 20MHz/ Nss2 MCS0/ Ch. 157/ Ant. 1+2+3+4										Polarization	H									
												Date: 2014-11-29										
Freq																						
MHz		Over Level	Limit	Line	Read	Antenna	Cable	Preamp	A/Pos		T/Pos											
MHz		dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm		deg											
1	8096.000	53.40	-20.60	74.00	40.80	37.27	8.22	32.89	Peak		---											
2	11570.000	44.22	-9.78	54.00	27.26	39.34	10.04	32.42	Average		---											
3	11570.000	59.07	-14.93	74.00	42.11	39.34	10.04	32.42	Peak		---											
4	17355.000	67.82	-0.38	68.20	44.40	43.03	11.85	31.46	Peak		---											
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Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.																						
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)																						







Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 40MHz/ Nss2 MCS0/ Ch. 38/ Ant. 1+2+3+4					Polarization		V			
												
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos		
MHz	dBuV/m	dB	dBuV/m	Level	Factor	dBuV	dB/m	dB	dB	cm	deg	
1	7338.000	38.37	-15.63	54.00	27.54	36.20	7.31	32.68	Average	---	---	
2	7338.000	51.54	-22.46	74.00	40.71	36.20	7.31	32.68	Peak	---	---	
3	10380.000	57.96	-10.24	68.20	42.81	39.00	8.94	32.79	Peak	0	0	
4	15570.000	46.34	-7.66	54.00	29.41	37.59	11.59	32.25	Average	0	0	
5	15570.000	60.20	-13.80	74.00	43.27	37.59	11.59	32.25	Peak	0	0	
<p>Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.</p> <p>Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).</p> <p>Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.</p> <p>Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)</p>												





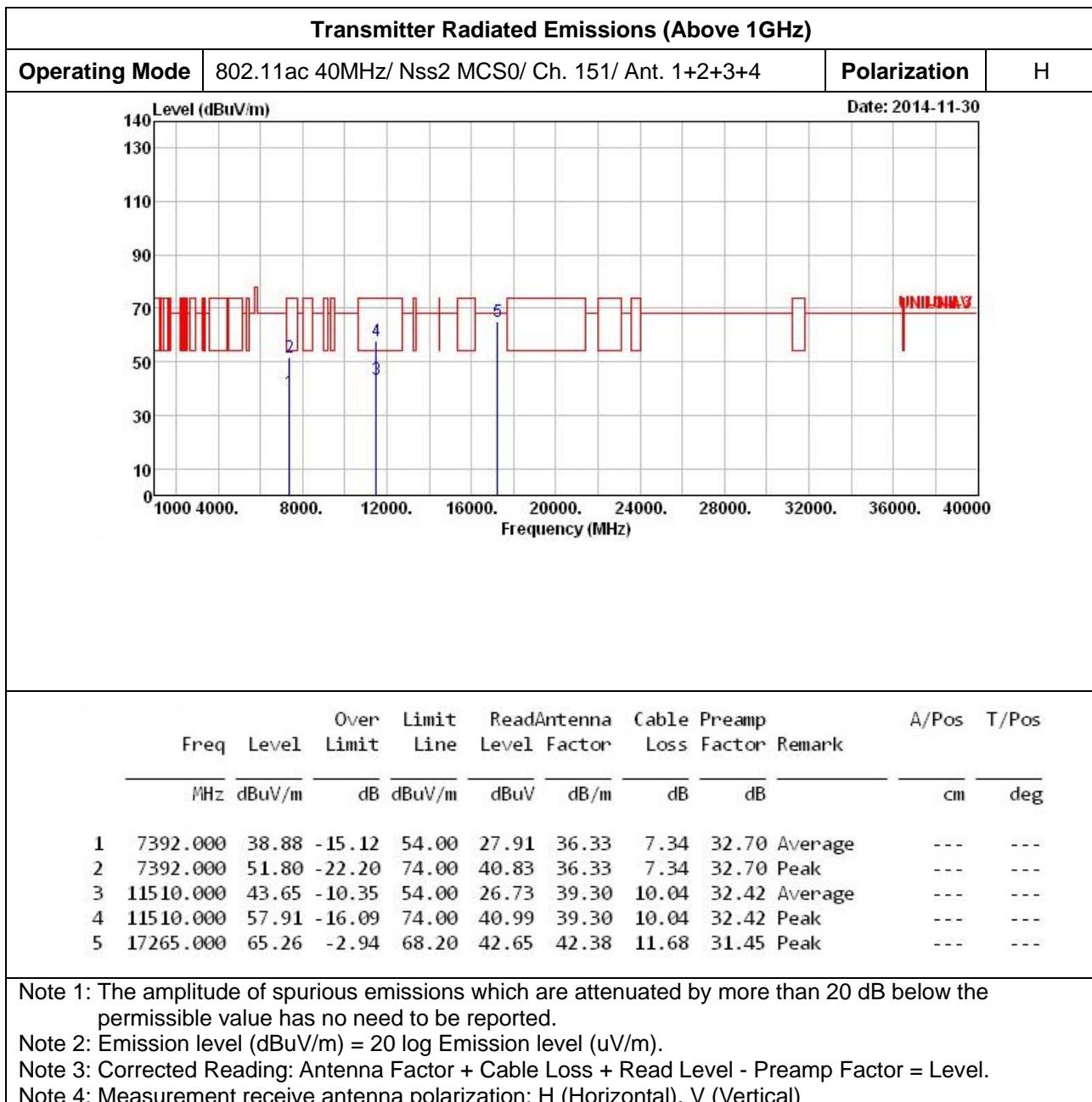
Transmitter Radiated Emissions (Above 1GHz)																																																																																														
Operating Mode		802.11ac 40MHz/ Nss2 MCS0/ Ch. 46/ Ant. 1+2+3+4								Polarization																																																																																				
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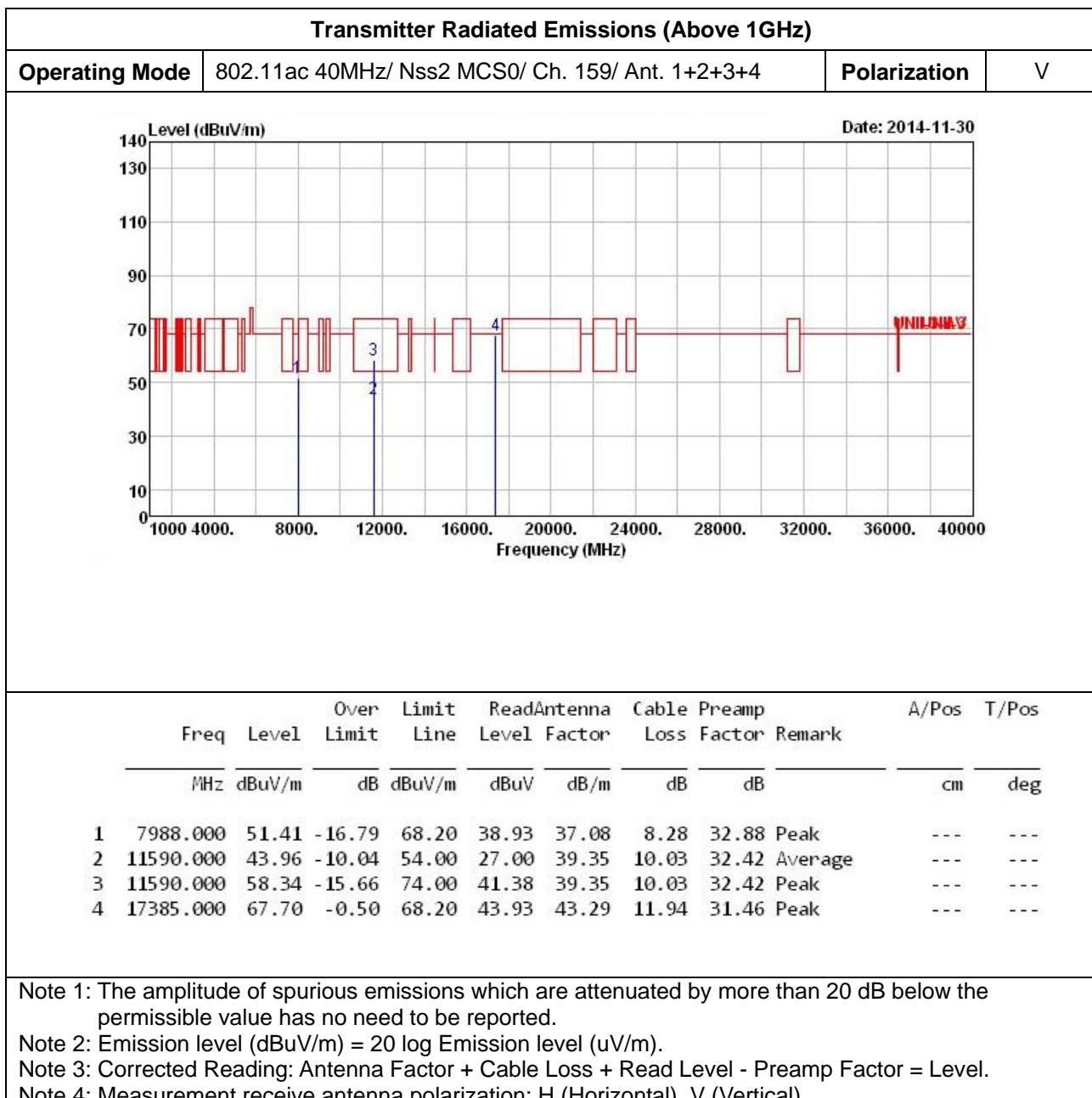


Transmitter Radiated Emissions (Above 1GHz)																																																																																								
Operating Mode		802.11ac 40MHz/ Nss2 MCS0/ Ch. 46/ Ant. 1+2+3+4								Polarization	H																																																																													
Level (dBuV/m)											Date: 2014-11-29																																																																													
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Transmitter Radiated Emissions (Above 1GHz)											
Operating Mode		802.11ac 40MHz/ Nss2 MCS0/ Ch. 151/ Ant. 1+2+3+4				Polarization		V			
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos		
MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	Factor	Remark		
1	7404.000	38.44	-15.56	54.00	27.43	36.38	7.34	32.71	Average	---	---
2	7404.000	52.70	-21.30	74.00	41.69	36.38	7.34	32.71	Peak	---	---
3	11510.000	43.46	-10.54	54.00	26.54	39.30	10.04	32.42	Average	---	---
4	11510.000	58.15	-15.85	74.00	41.23	39.30	10.04	32.42	Peak	---	---
5	17265.000	65.32	-2.88	68.20	42.71	42.38	11.68	31.45	Peak	---	---
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Transmitter Radiated Emissions (Above 1GHz)																																																																																																							
Operating Mode		802.11ac 40MHz/ Nss2 MCS0/ Ch. 159/ Ant. 1+2+3+4										Polarization	H																																																																																										
<table><thead><tr><th>Freq</th><th>Over Level</th><th>Limit</th><th>Line</th><th>Read</th><th>Antenna Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>A/Pos</th><th>T/Pos</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>7410.000</td><td>38.89</td><td>-15.11</td><td>54.00</td><td>27.88</td><td>36.38</td><td>7.34</td><td>32.71</td><td>Average</td><td>---</td><td>---</td><td></td></tr><tr><td>2</td><td>7410.000</td><td>52.54</td><td>-21.46</td><td>74.00</td><td>41.53</td><td>36.38</td><td>7.34</td><td>32.71</td><td>Peak</td><td>---</td><td>---</td><td></td></tr><tr><td>3</td><td>11590.000</td><td>43.78</td><td>-10.22</td><td>54.00</td><td>26.82</td><td>39.35</td><td>10.03</td><td>32.42</td><td>Average</td><td>---</td><td>---</td><td></td></tr><tr><td>4</td><td>11590.000</td><td>58.34</td><td>-15.66</td><td>74.00</td><td>41.38</td><td>39.35</td><td>10.03</td><td>32.42</td><td>Peak</td><td>---</td><td>---</td><td></td></tr><tr><td>5</td><td>17385.000</td><td>67.95</td><td>-0.25</td><td>68.20</td><td>44.18</td><td>43.29</td><td>11.94</td><td>31.46</td><td>Peak</td><td>---</td><td>---</td><td></td></tr></tbody></table>													Freq	Over Level	Limit	Line	Read	Antenna Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg				1	7410.000	38.89	-15.11	54.00	27.88	36.38	7.34	32.71	Average	---	---		2	7410.000	52.54	-21.46	74.00	41.53	36.38	7.34	32.71	Peak	---	---		3	11590.000	43.78	-10.22	54.00	26.82	39.35	10.03	32.42	Average	---	---		4	11590.000	58.34	-15.66	74.00	41.38	39.35	10.03	32.42	Peak	---	---		5	17385.000	67.95	-0.25	68.20	44.18	43.29	11.94	31.46	Peak	---	---	
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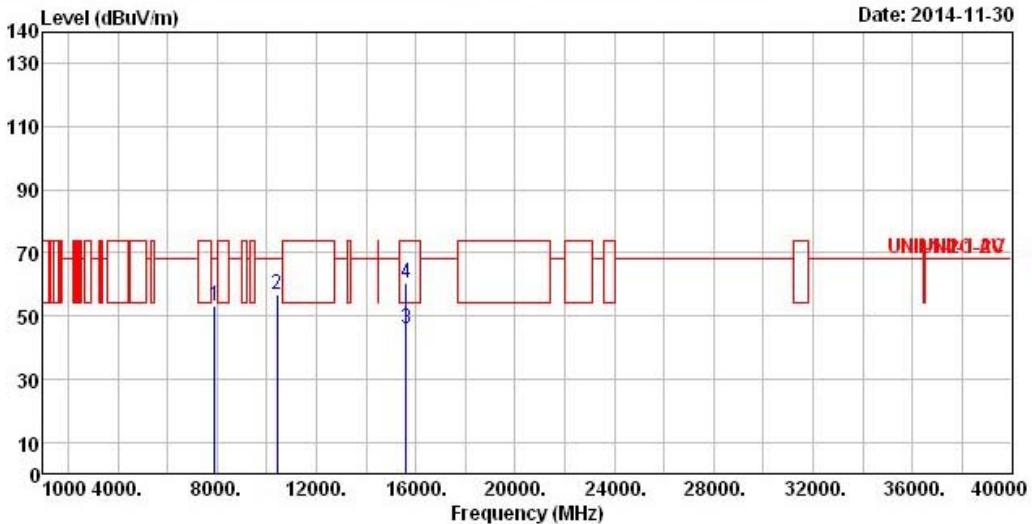


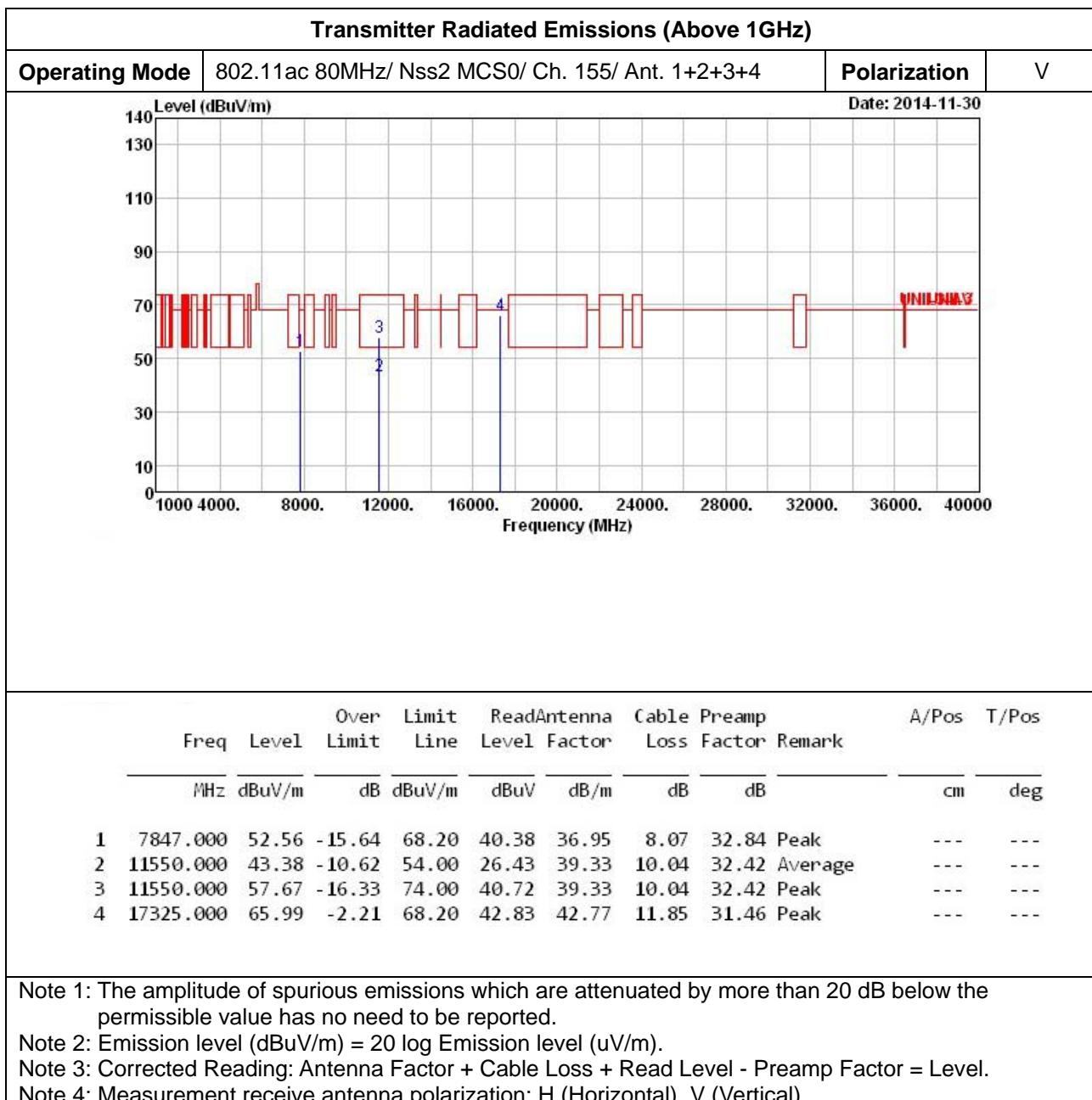
Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 80MHz/ Nss2 MCS0 / Ch. 42/ Ant. 1+2+3+4					Polarization		V			
Freq	Level	Over Limit	Line	Read	Antenna	Cable	Preamp	A/Pos	T/Pos			
MHz	dBuV/m	dB	dBuV/m	Level	Factor	dBuV	dB/m	dB	dB	cm		deg
1	8316.000	41.25	-12.75	54.00	28.35	37.72	8.09	32.91	Average	---	---	
2	8316.000	54.92	-19.08	74.00	42.02	37.72	8.09	32.91	Peak	---	---	
3	10420.000	57.52	-10.68	68.20	42.30	39.00	8.97	32.75	Peak	---	---	
4	15630.000	45.91	-8.09	54.00	29.11	37.48	11.59	32.27	Average	---	---	
5	15630.000	60.78	-13.22	74.00	43.98	37.48	11.59	32.27	Peak	---	---	

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



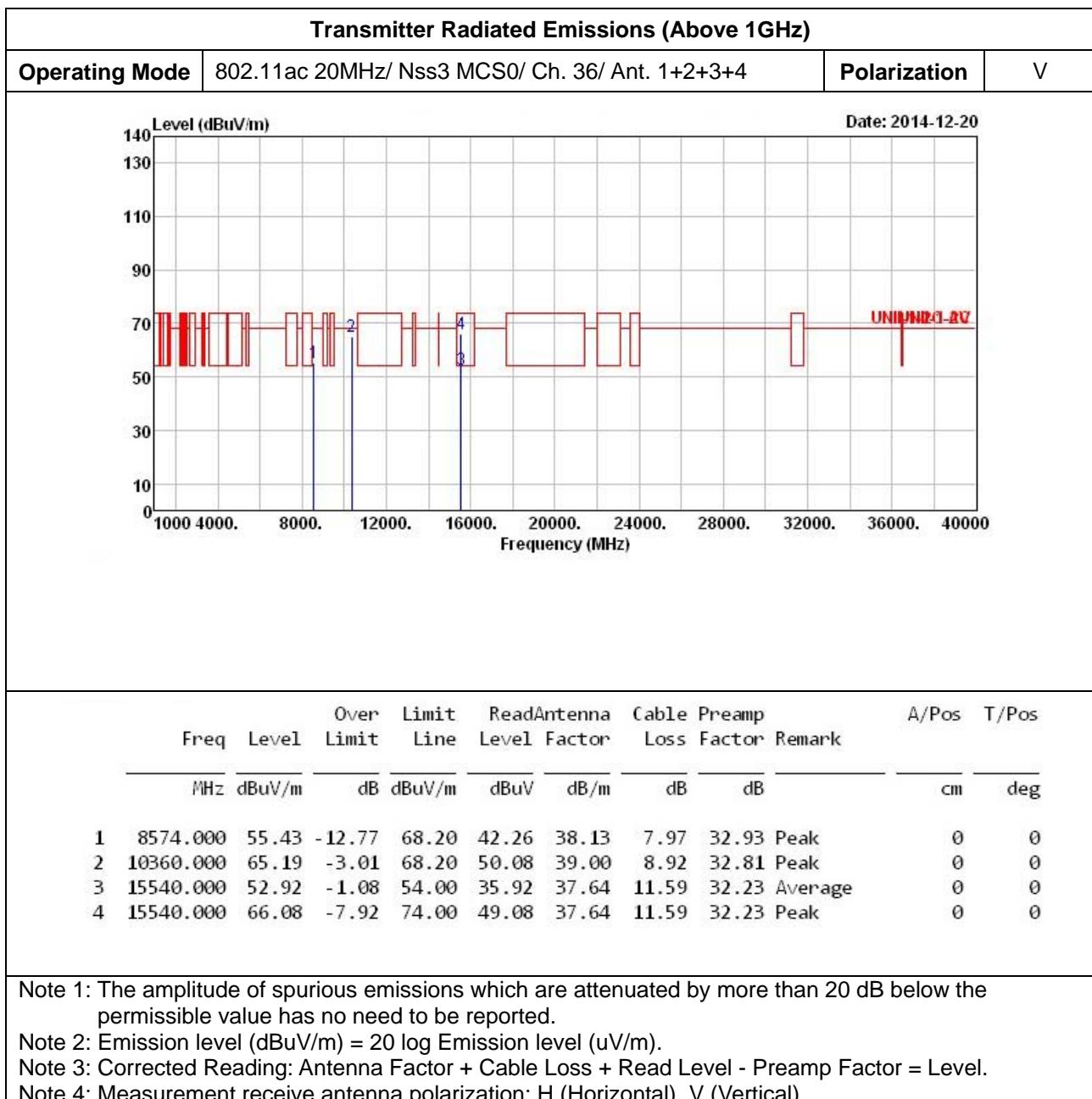
Transmitter Radiated Emissions (Above 1GHz)

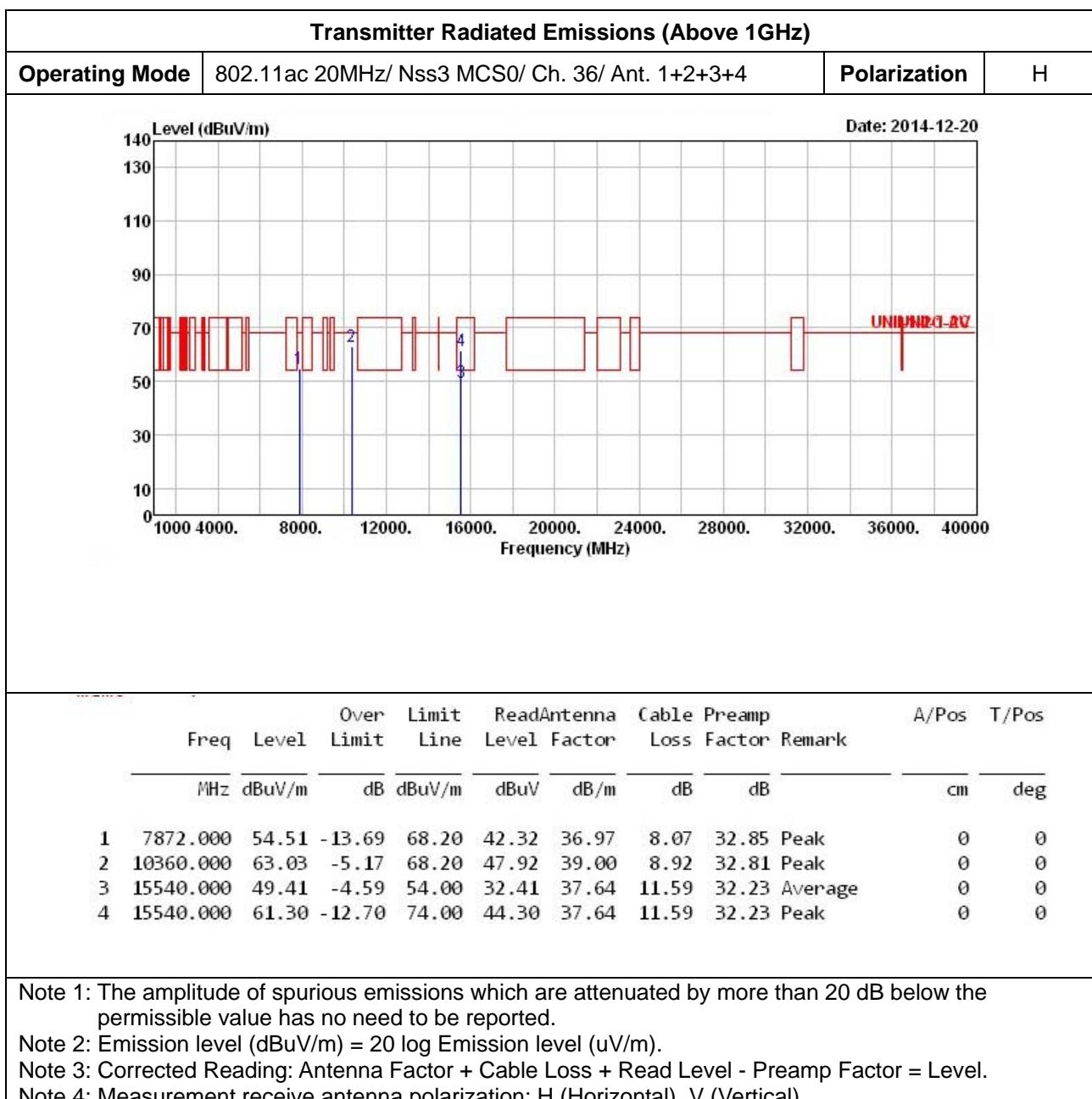
Operating Mode	802.11ac 80MHz/ Nss2 MCS0/ Ch. 42/ Ant. 1+2+3+4								Polarization	H																																																															
								Date: 2014-11-30																																																																	
								UNINTEN-207																																																																	
<table><thead><tr><th rowspan="2">Freq MHz</th><th rowspan="2">Level dBuV/m</th><th>Over Limit</th><th>Limit Line</th><th>Read</th><th>Antenna Level</th><th>Cable Loss</th><th>Preamp Factor</th><th colspan="3">A/Pos T/Pos</th></tr><tr><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 7902.000</td><td>53.20</td><td>-15.00</td><td>68.20</td><td>40.91</td><td>37.00</td><td>8.14</td><td>32.85</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2 10420.000</td><td>56.83</td><td>-11.37</td><td>68.20</td><td>41.61</td><td>39.00</td><td>8.97</td><td>32.75</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3 15630.000</td><td>45.88</td><td>-8.12</td><td>54.00</td><td>29.08</td><td>37.48</td><td>11.59</td><td>32.27</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4 15630.000</td><td>60.39</td><td>-13.61</td><td>74.00</td><td>43.59</td><td>37.48</td><td>11.59</td><td>32.27</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>											Freq MHz	Level dBuV/m	Over Limit	Limit Line	Read	Antenna Level	Cable Loss	Preamp Factor	A/Pos T/Pos			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 7902.000	53.20	-15.00	68.20	40.91	37.00	8.14	32.85	Peak	---	---	2 10420.000	56.83	-11.37	68.20	41.61	39.00	8.97	32.75	Peak	---	---	3 15630.000	45.88	-8.12	54.00	29.08	37.48	11.59	32.27	Average	---	---	4 15630.000	60.39	-13.61	74.00	43.59	37.48	11.59	32.27	Peak	---	---
Freq MHz	Level dBuV/m	Over Limit	Limit Line	Read	Antenna Level	Cable Loss	Preamp Factor	A/Pos T/Pos																																																																	
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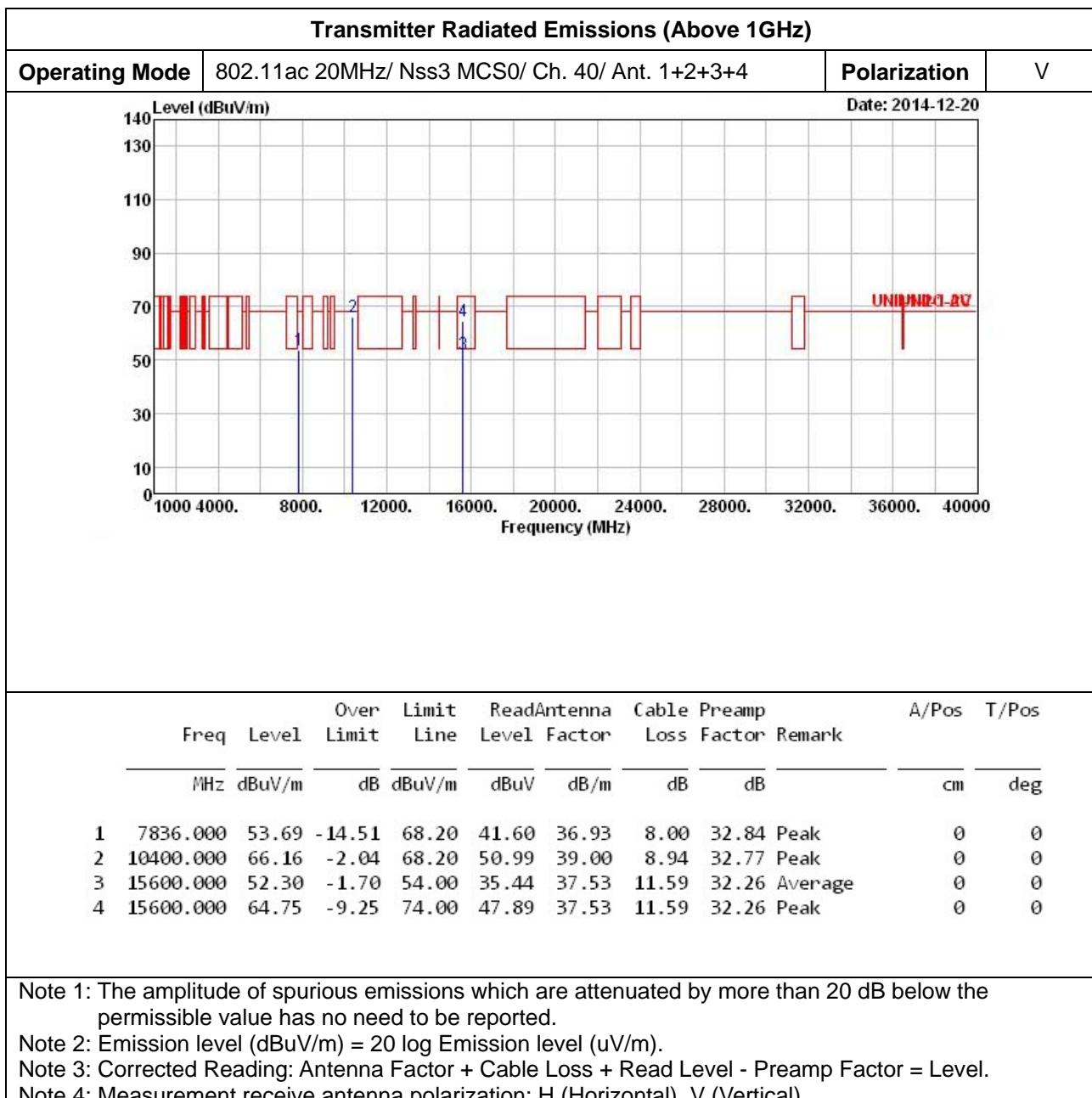


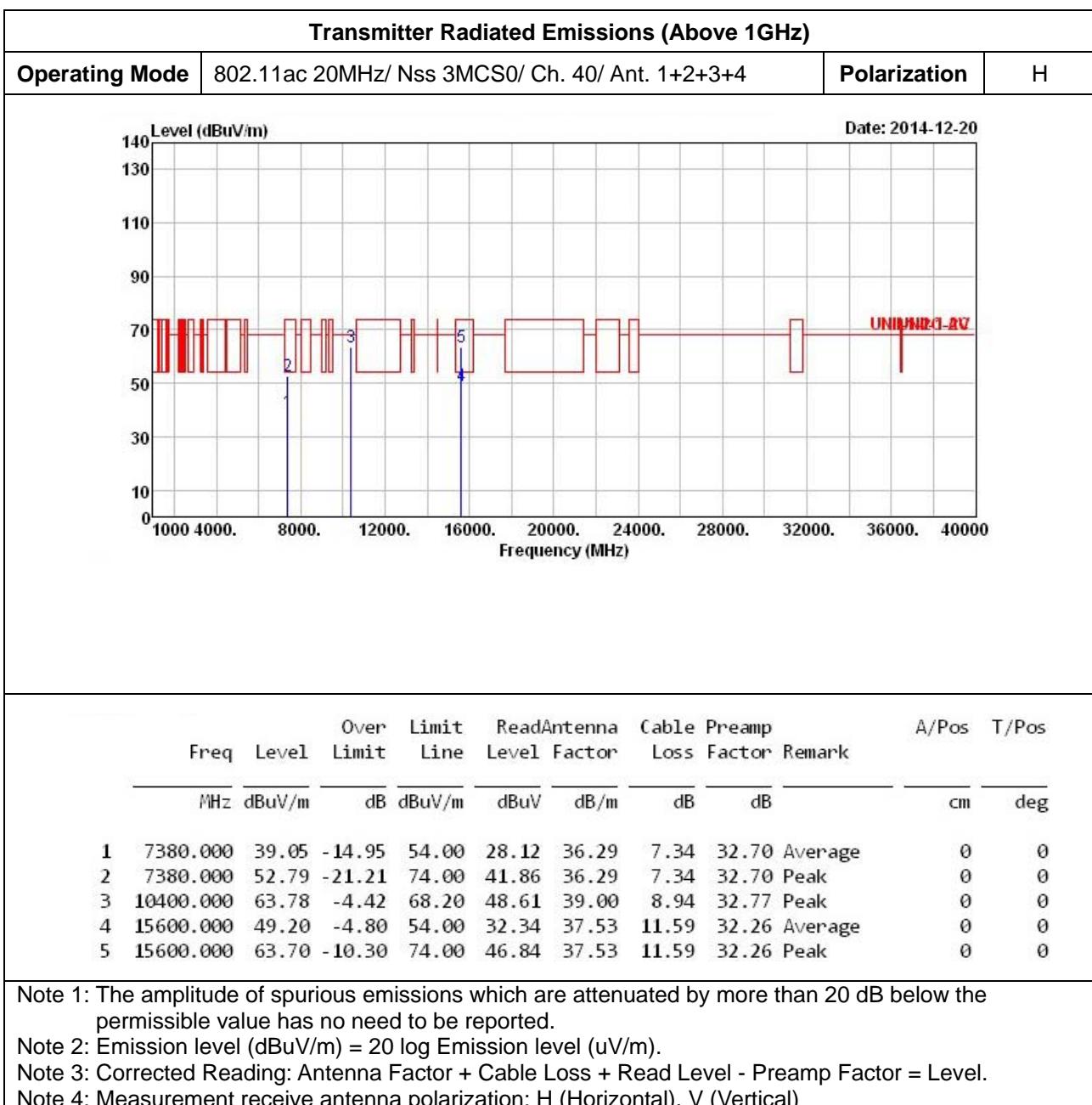


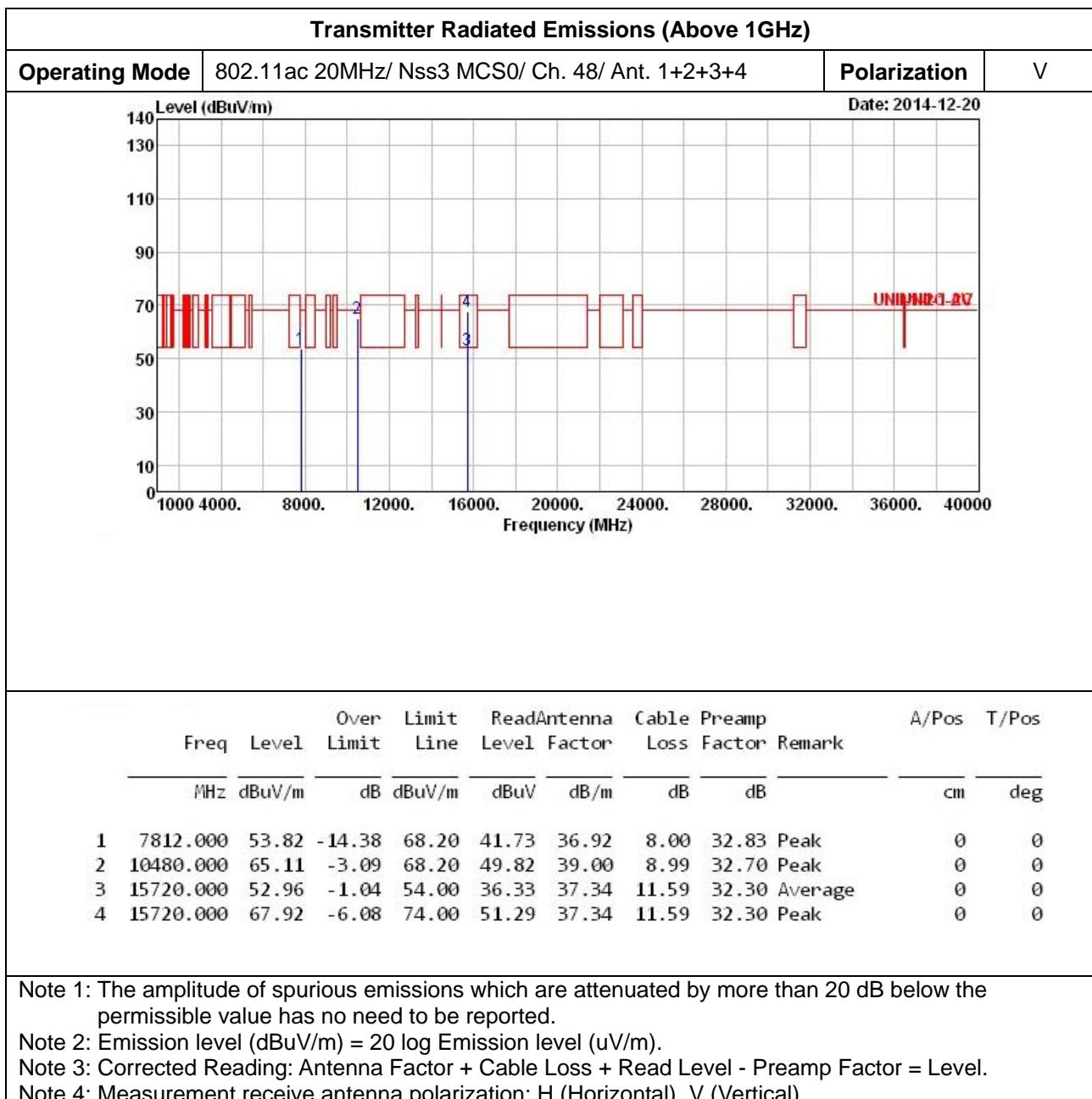
Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 80MHz/ Nss2 MCS0/ Ch. 155/ Ant. 1+2+3+4										
Level (dBuV/m)												Date: 2014-11-30
Freq	Over Level	Limit	Line	Read	Antenna	Cable	Preamp	A/Pos		T/Pos		
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	cm	deg	
1	7356.000	38.70	-15.30	54.00	27.84	36.24	7.31	32.69	Average	---	---	
2	7356.000	52.75	-21.25	74.00	41.89	36.24	7.31	32.69	Peak	---	---	
3	11550.000	43.45	-10.55	54.00	26.50	39.33	10.04	32.42	Average	---	---	
4	11550.000	58.14	-15.86	74.00	41.19	39.33	10.04	32.42	Peak	---	---	
5	17325.000	65.61	-2.59	68.20	42.45	42.77	11.85	31.46	Peak	---	---	
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.												
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).												
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.												
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)												

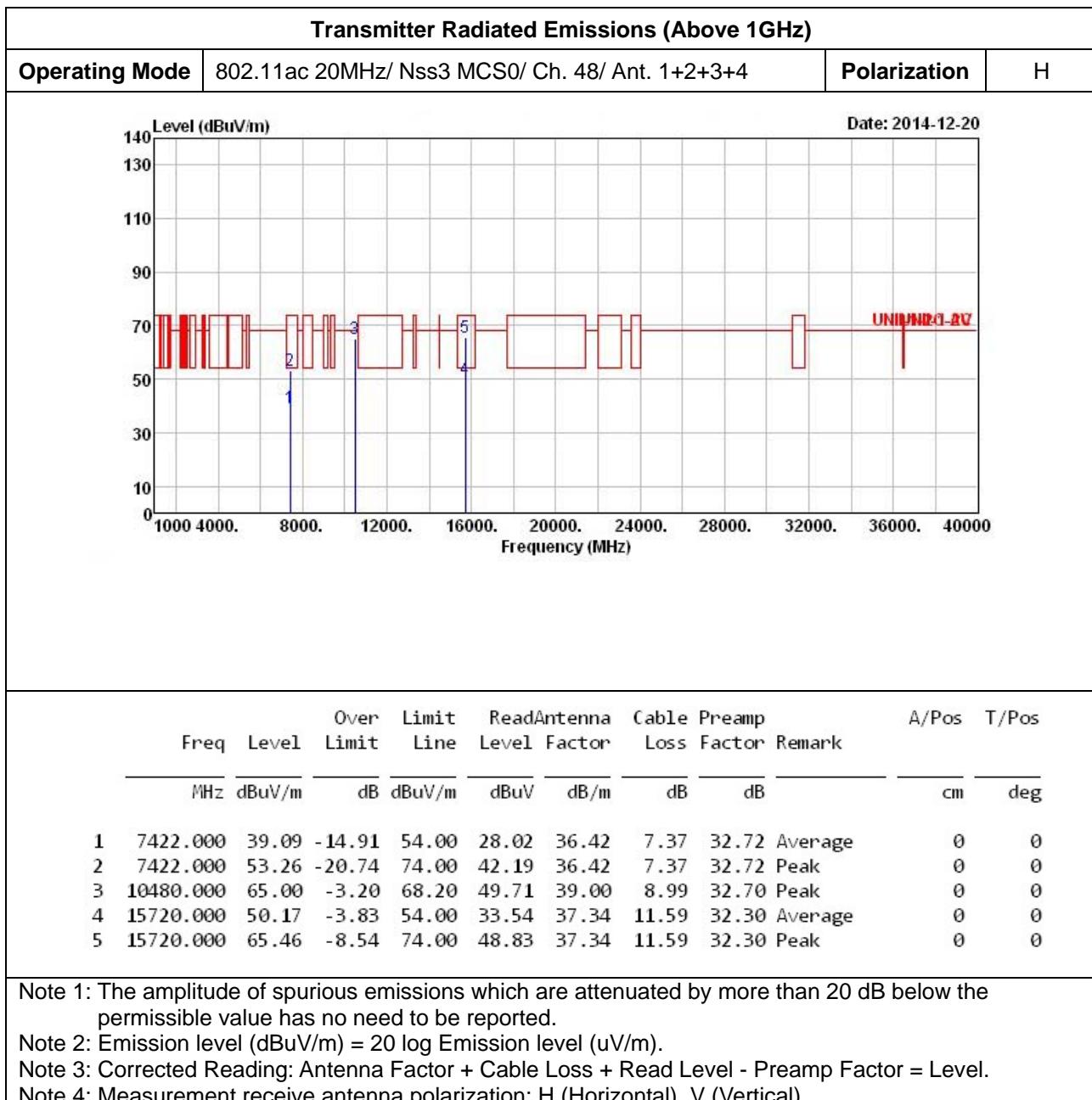


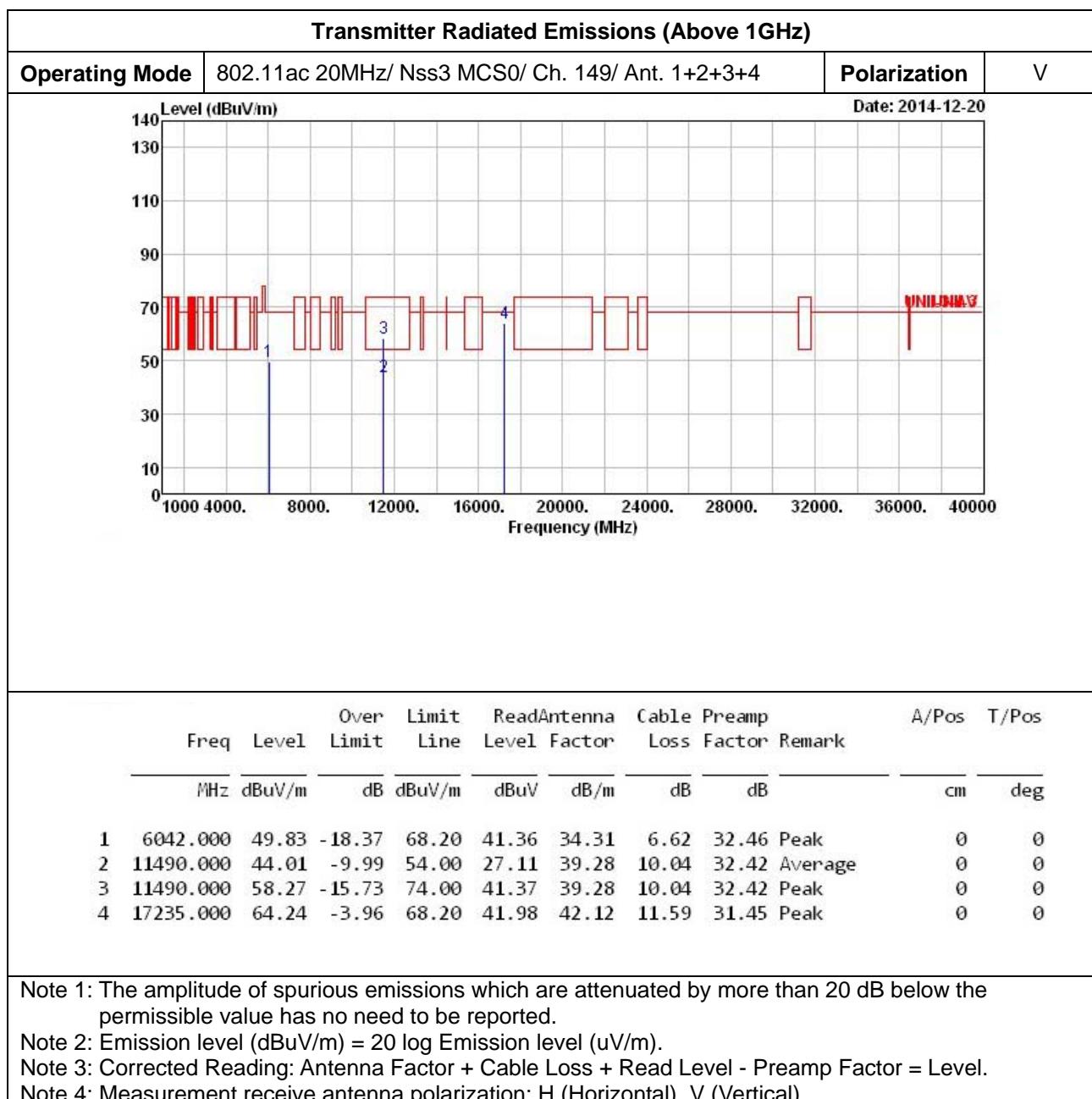






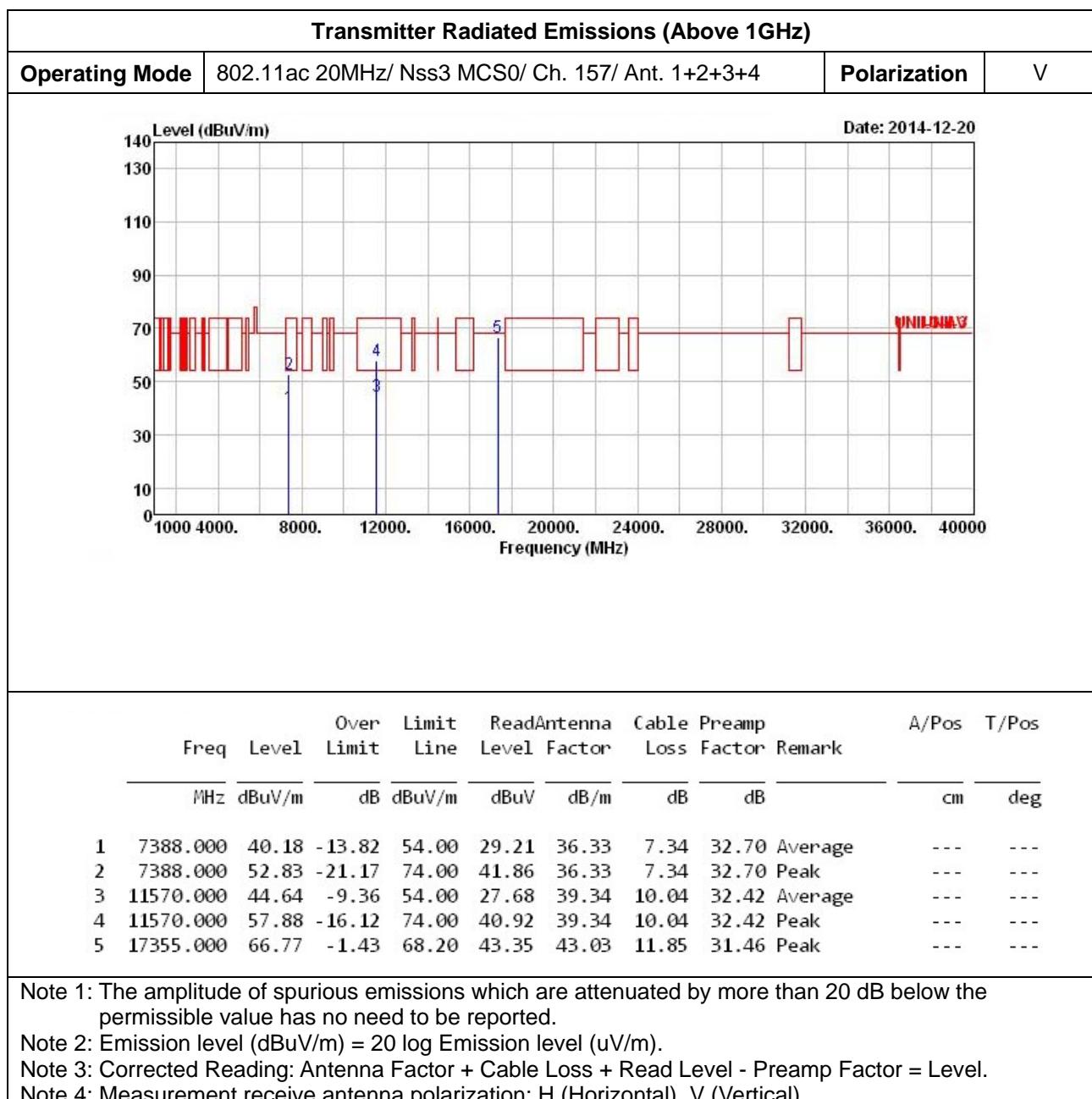


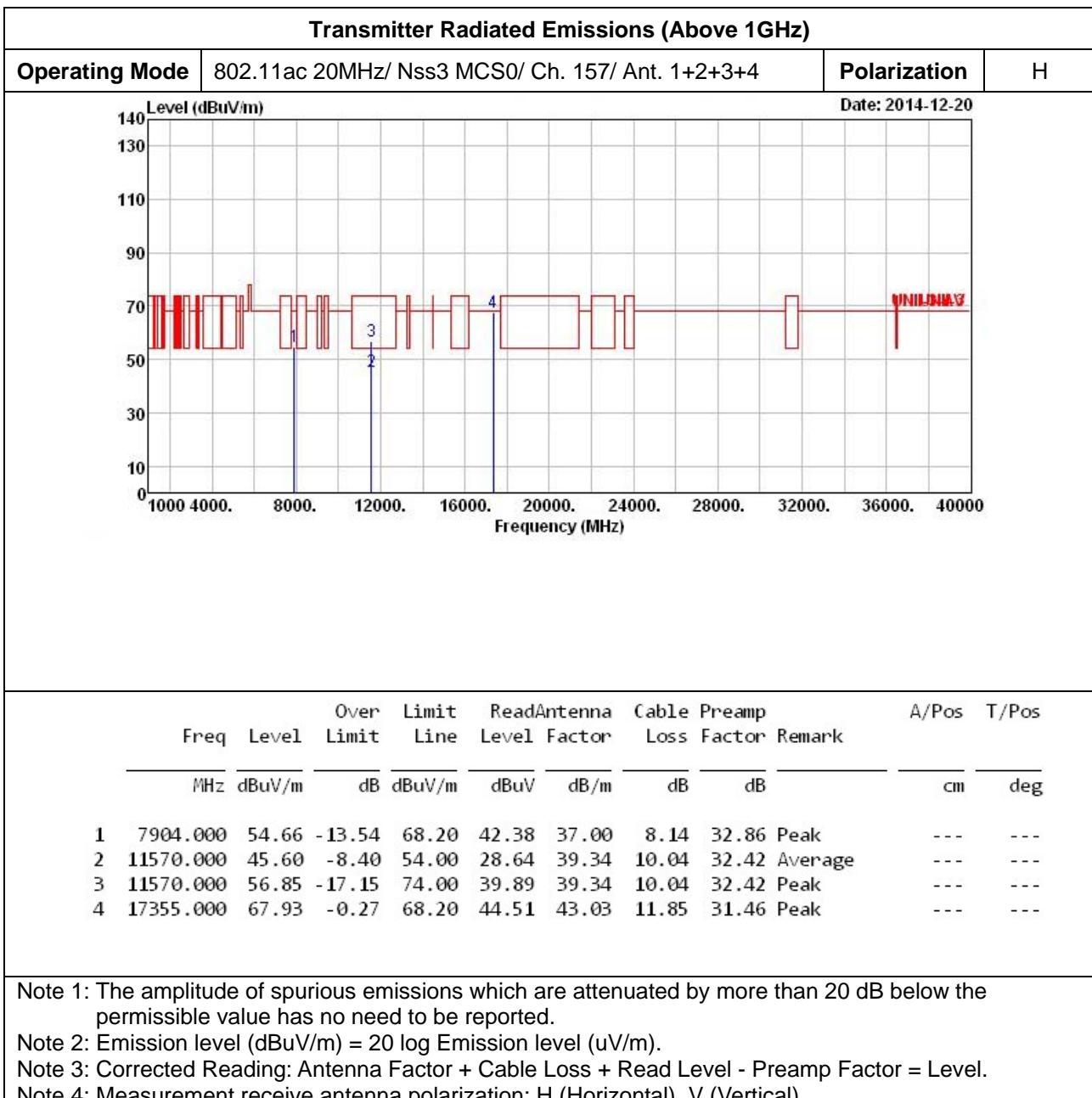






Transmitter Radiated Emissions (Above 1GHz)																			
Operating Mode		802.11ac 20MHz/ Nss3 MCS0/ Ch. 149/ Ant. 1+2+3+4								Polarization	H								
Level (dBuV/m)											Date: 2014-12-20								
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg										
1 7248.000	52.90	-15.30	68.20	42.34	35.97	7.23	32.64	Peak	0	0									
2 11490.000	44.12	-9.88	54.00	27.22	39.28	10.04	32.42	Average	0	0									
3 11490.000	58.13	-15.87	74.00	41.23	39.28	10.04	32.42	Peak	0	0									
4 17235.000	64.65	-3.55	68.20	42.39	42.12	11.59	31.45	Peak	0	0									
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.																			
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).																			
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.																			
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)																			

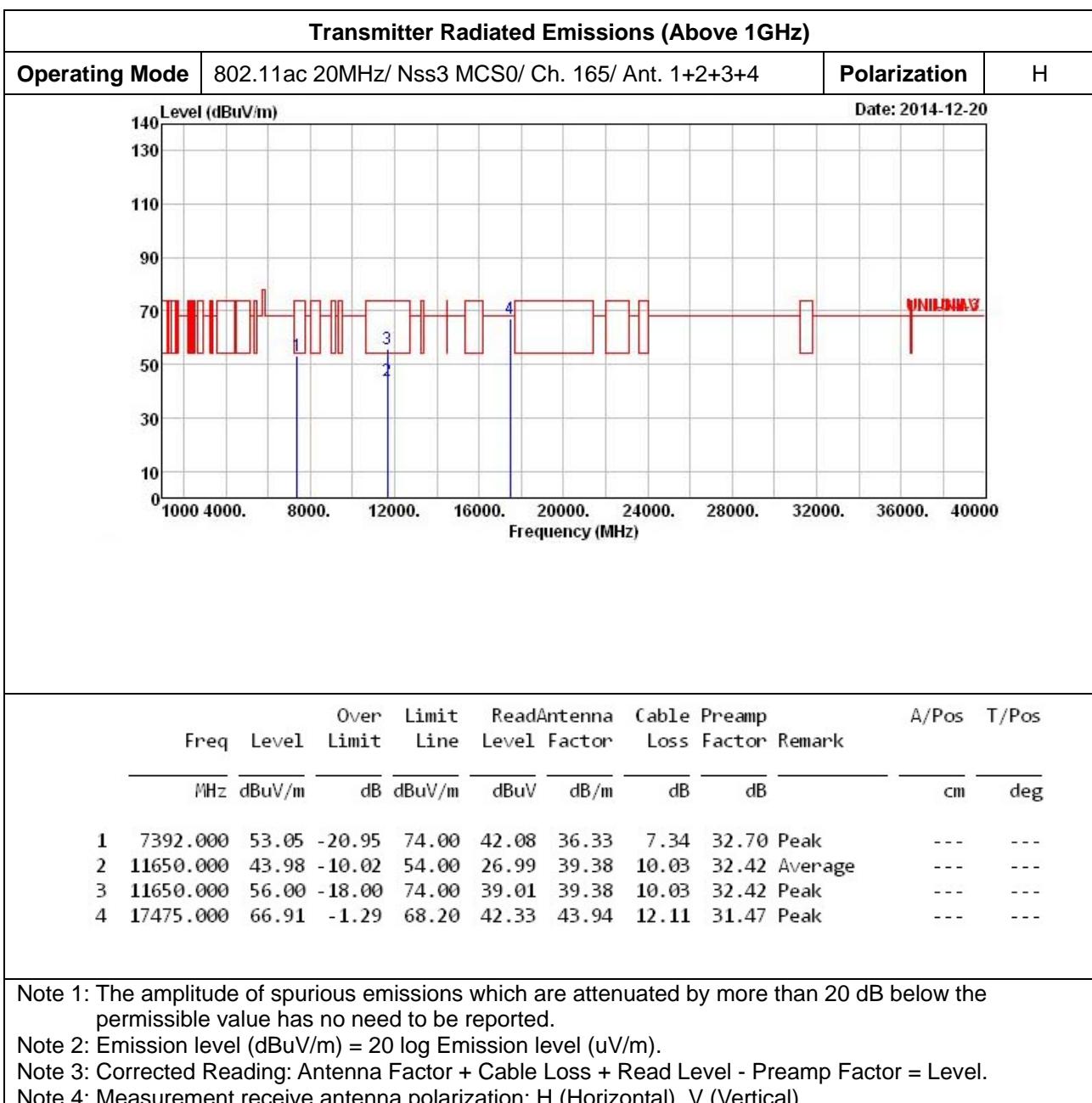


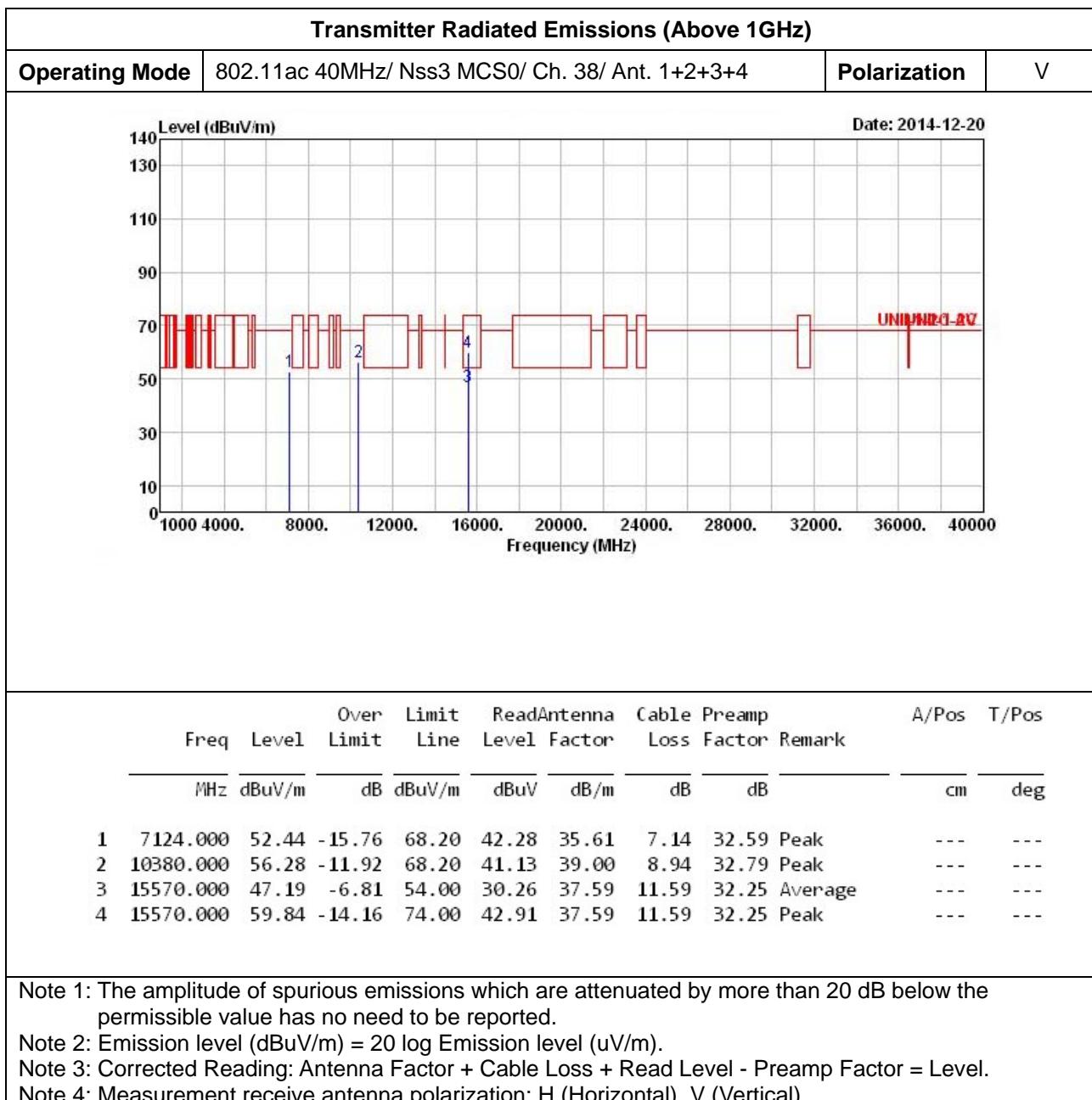


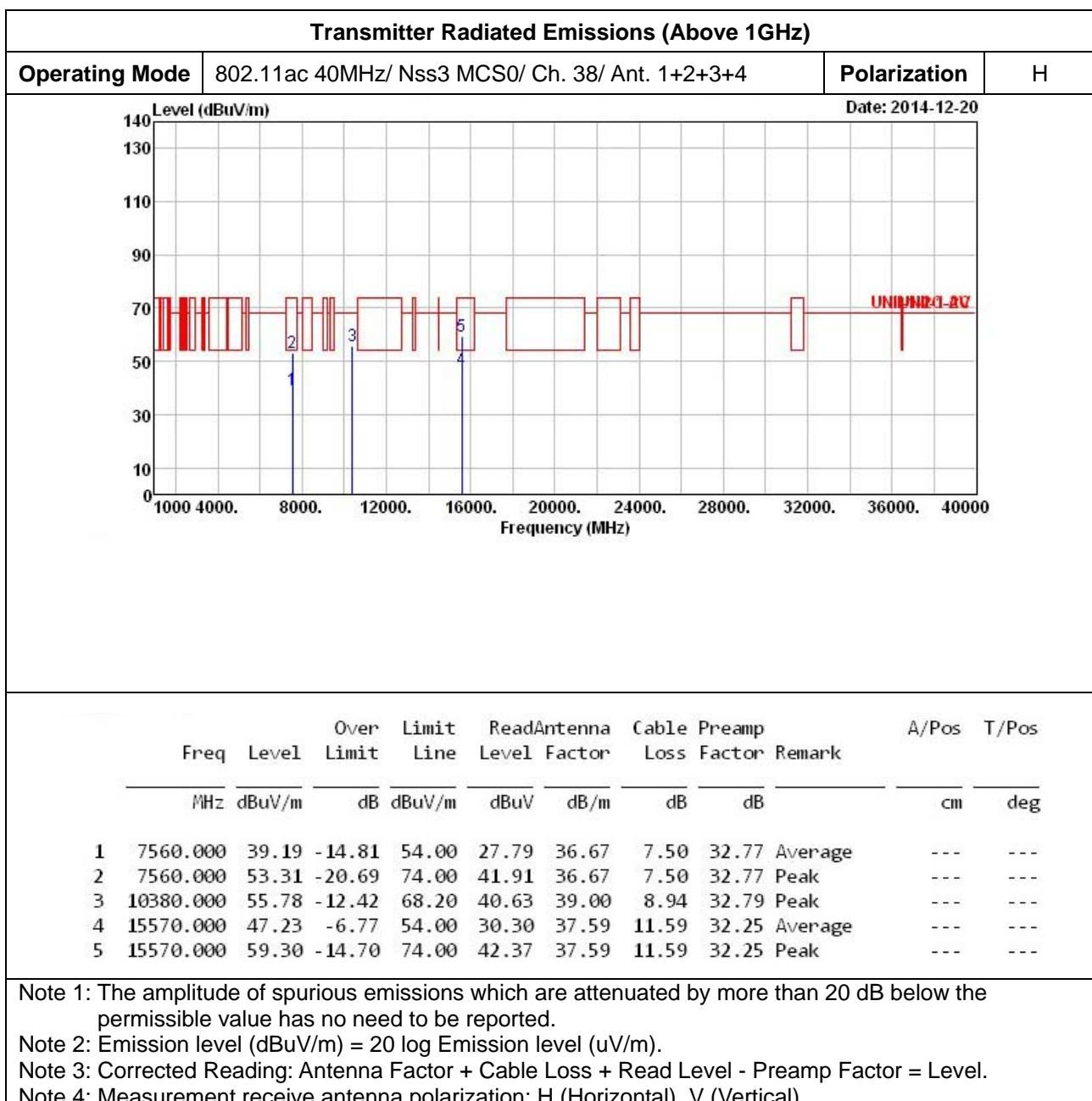


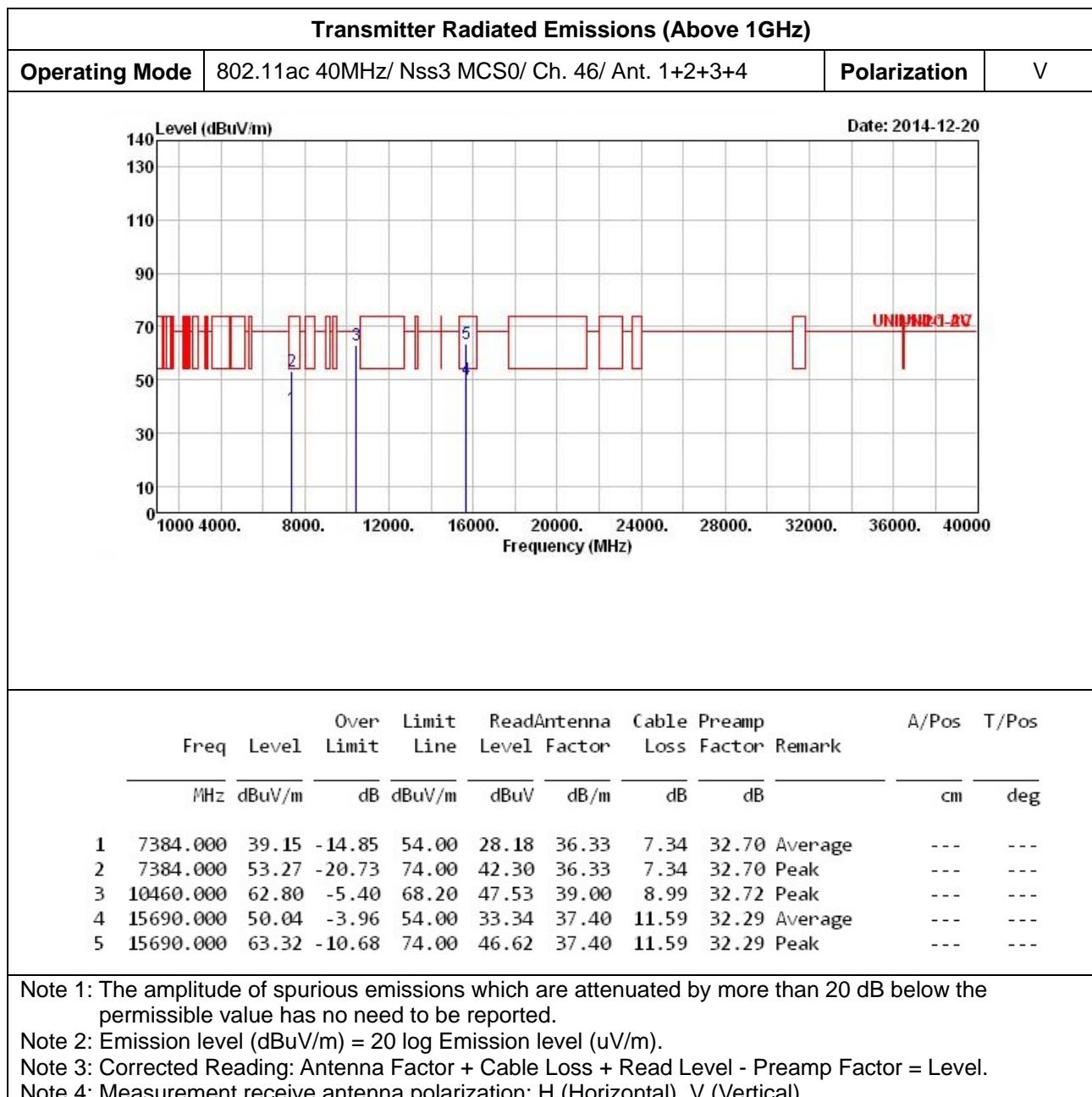
Transmitter Radiated Emissions (Above 1GHz)												
Operating Mode		802.11ac 20MHz/ Nss3 MCS0/ Ch. 165/ Ant. 1+2+3+4					Polarization		V			
Freq	Level	Over Limit	Line Limit	Read	Antenna Level	Cable Factor	Preamp Loss	Factor	Remark	A/Pos	T/Pos	
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB			cm	deg	
1	7324.000	39.05	-14.95	54.00	28.30	36.15	7.28	32.68	Average	---	---	
2	7324.000	52.78	-21.22	74.00	42.03	36.15	7.28	32.68	Peak	---	---	
3	11650.000	43.80	-10.20	54.00	26.81	39.38	10.03	32.42	Average	---	---	
4	11650.000	55.51	-18.49	74.00	38.52	39.38	10.03	32.42	Peak	---	---	
5	17475.000	67.44	-0.76	68.20	42.86	43.94	12.11	31.47	Peak	---	---	

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).
Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)











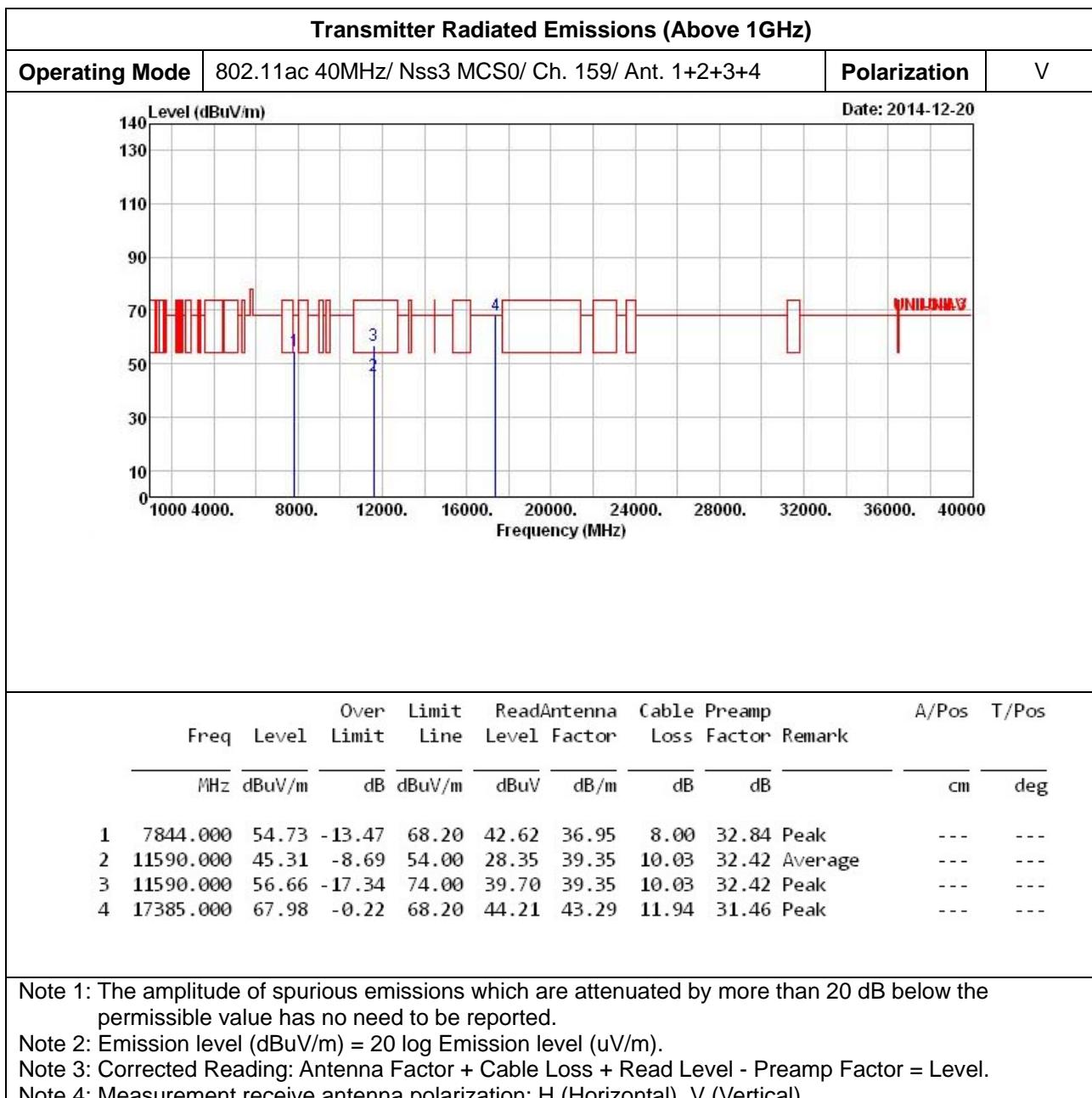
Transmitter Radiated Emissions (Above 1GHz)																																																																																													
Operating Mode		802.11ac 40MHz/ Nss3 MCS0/ Ch. 46/ Ant. 1+2+3+4								Polarization	H																																																																																		
											Date: 2014-12-20																																																																																		
<table><thead><tr><th rowspan="2">Freq</th><th rowspan="2">Level</th><th>Over</th><th>Limit</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th colspan="2">A/Pos</th><th colspan="2">T/Pos</th></tr><tr><th>Line</th><th>Limit</th><th>Antenna</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th></th><th></th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>7052.000</td><td>52.12</td><td>-16.08</td><td>68.20</td><td>42.17</td><td>35.43</td><td>7.08</td><td>32.56</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>10460.000</td><td>62.72</td><td>-5.48</td><td>68.20</td><td>47.45</td><td>39.00</td><td>8.99</td><td>32.72</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>15690.000</td><td>49.08</td><td>-4.92</td><td>54.00</td><td>32.38</td><td>37.40</td><td>11.59</td><td>32.29</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>4</td><td>15690.000</td><td>64.27</td><td>-9.73</td><td>74.00</td><td>47.57</td><td>37.40</td><td>11.59</td><td>32.29</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>												Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos		Line	Limit	Antenna	Level	Factor	Loss	Factor	Remark	cm	deg	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB					1	7052.000	52.12	-16.08	68.20	42.17	35.43	7.08	32.56	Peak	---	---	2	10460.000	62.72	-5.48	68.20	47.45	39.00	8.99	32.72	Peak	---	---	3	15690.000	49.08	-4.92	54.00	32.38	37.40	11.59	32.29	Average	---	---	4	15690.000	64.27	-9.73	74.00	47.57	37.40	11.59	32.29	Peak	---	---
Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos		T/Pos																																																																																			
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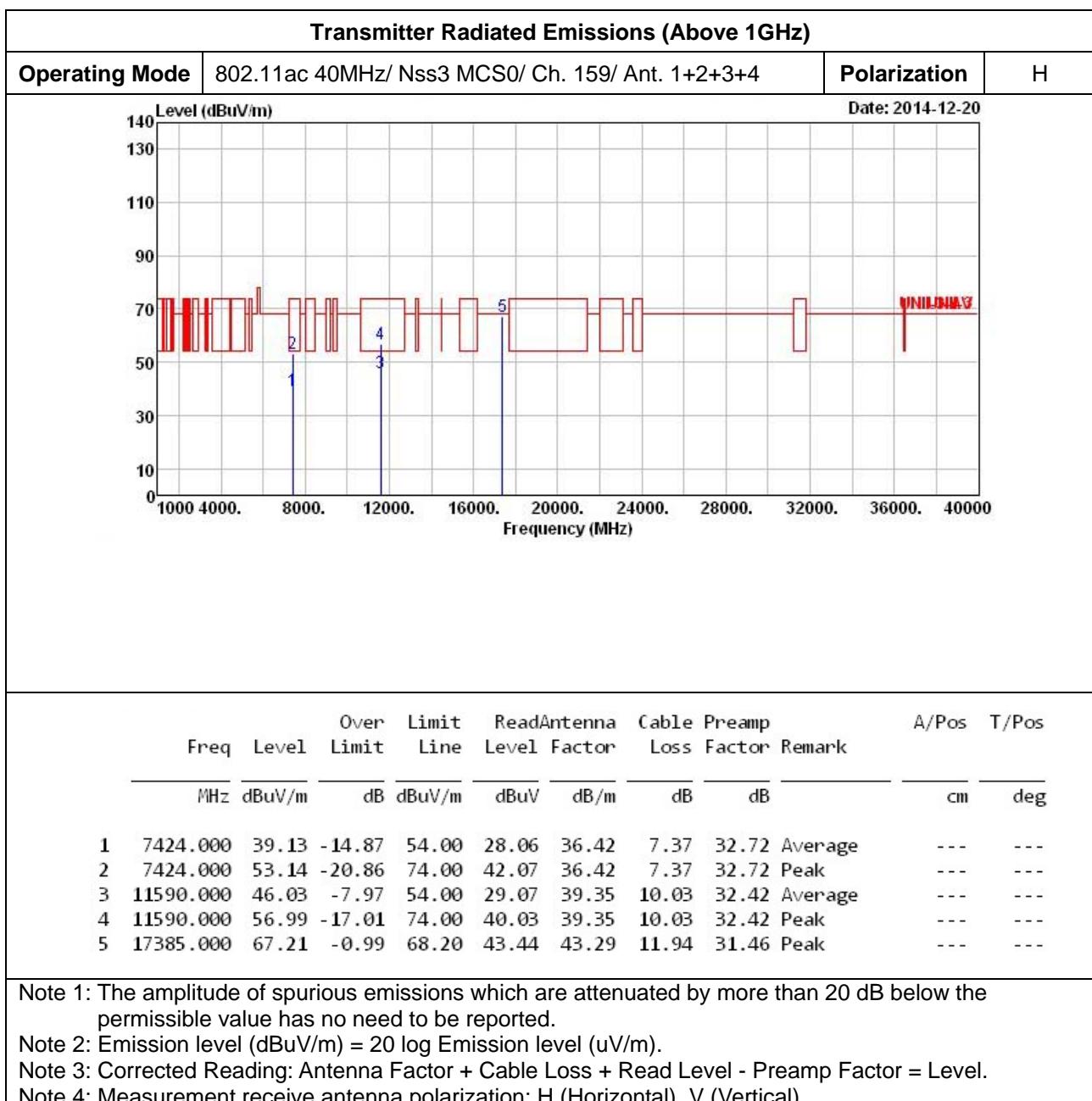


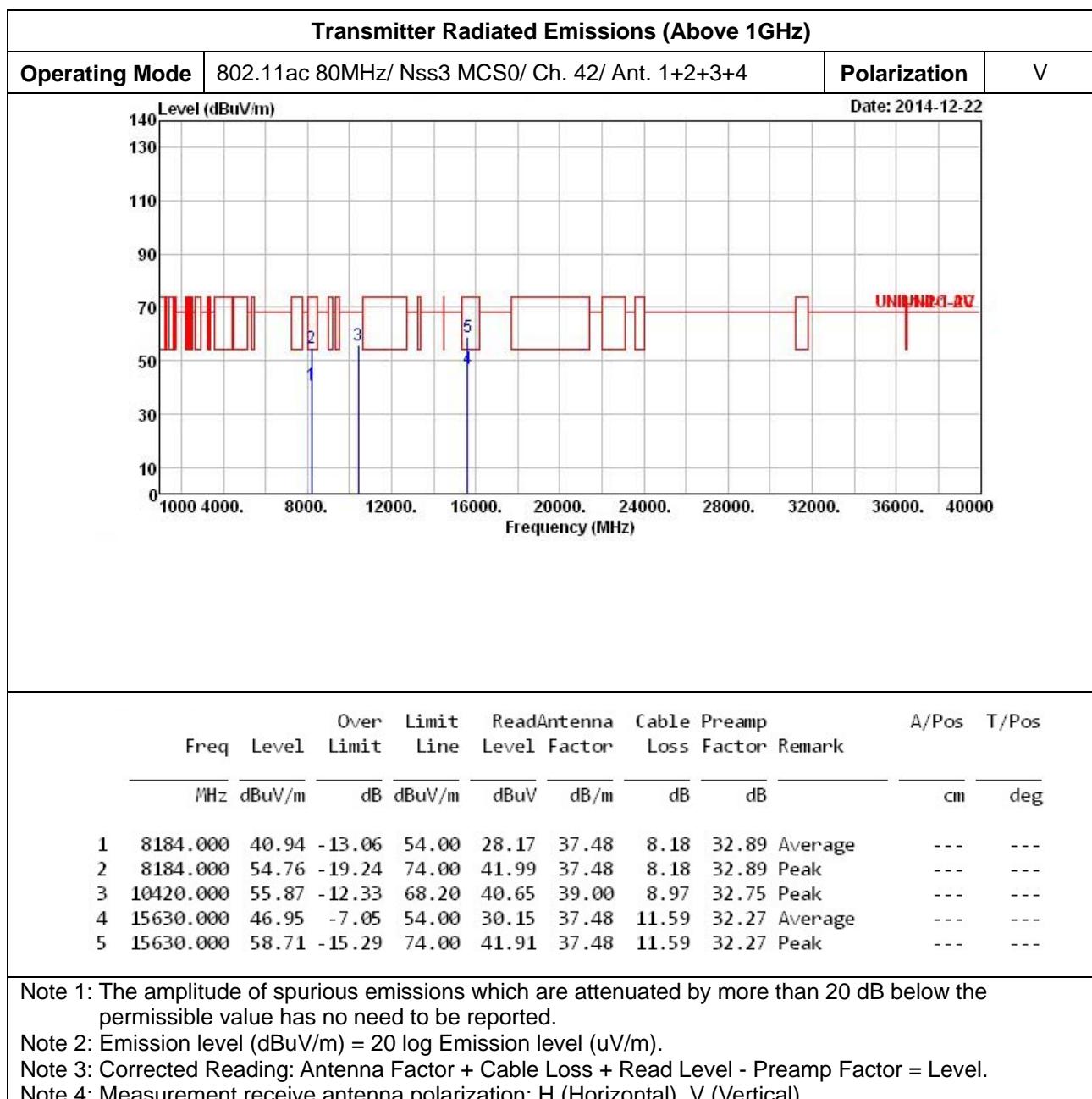
Transmitter Radiated Emissions (Above 1GHz)																			
Operating Mode		802.11ac 40MHz/ Nss3 MCS0/ Ch. 151/ Ant. 1+2+3+4				Polarization		V											
Level (dBuV/m)											Date: 2014-12-20								
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos										
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg										
1	7384.000	39.03	-14.97	54.00	28.06	36.33	7.34	32.70	Average	---	---								
2	7384.000	53.26	-20.74	74.00	42.29	36.33	7.34	32.70	Peak	---	---								
3	11510.000	44.45	-9.55	54.00	27.53	39.30	10.04	32.42	Average	---	---								
4	11510.000	56.92	-17.08	74.00	40.00	39.30	10.04	32.42	Peak	---	---								
5	17265.000	64.56	-3.64	68.20	41.95	42.38	11.68	31.45	Peak	---	---								
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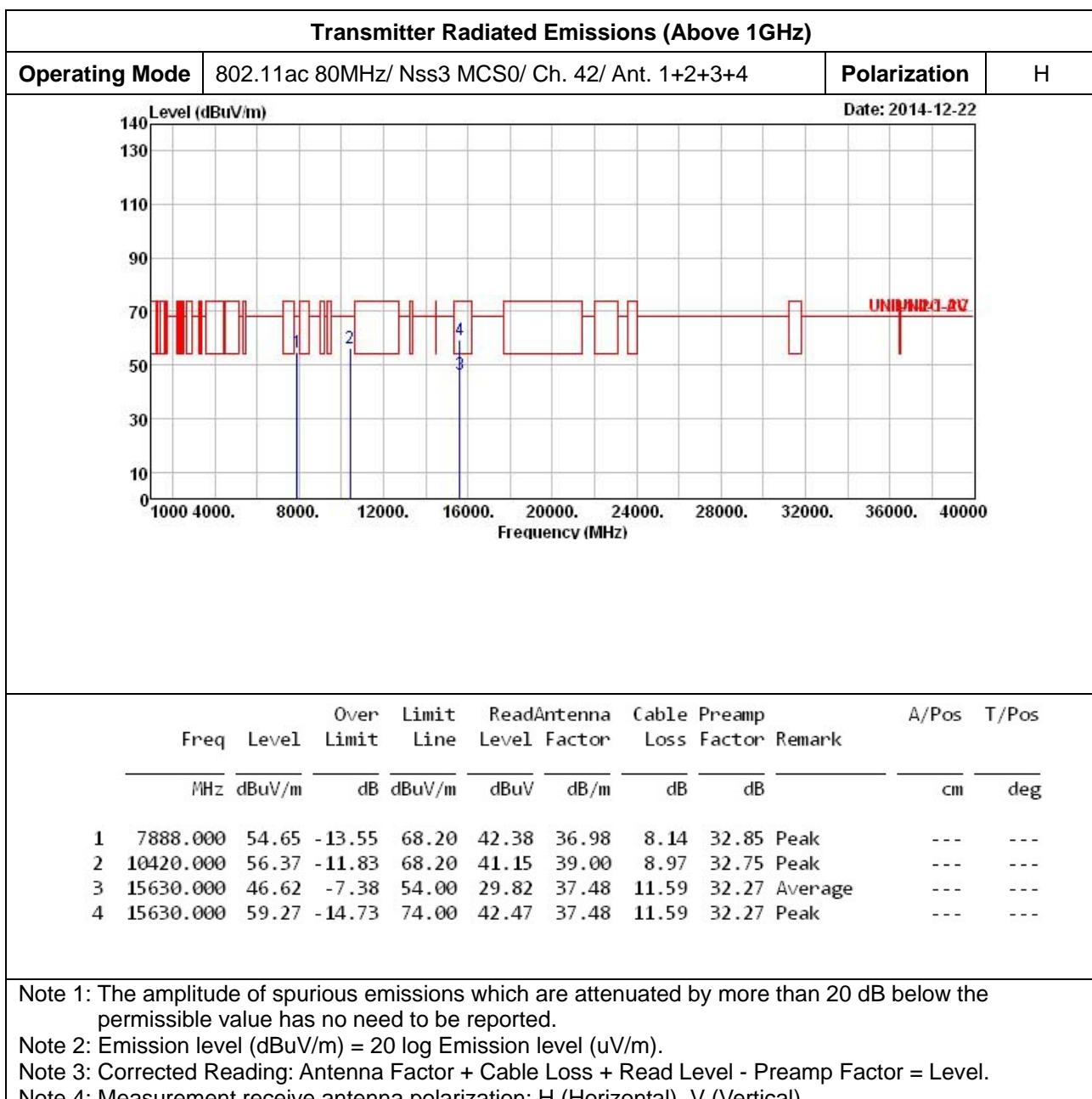


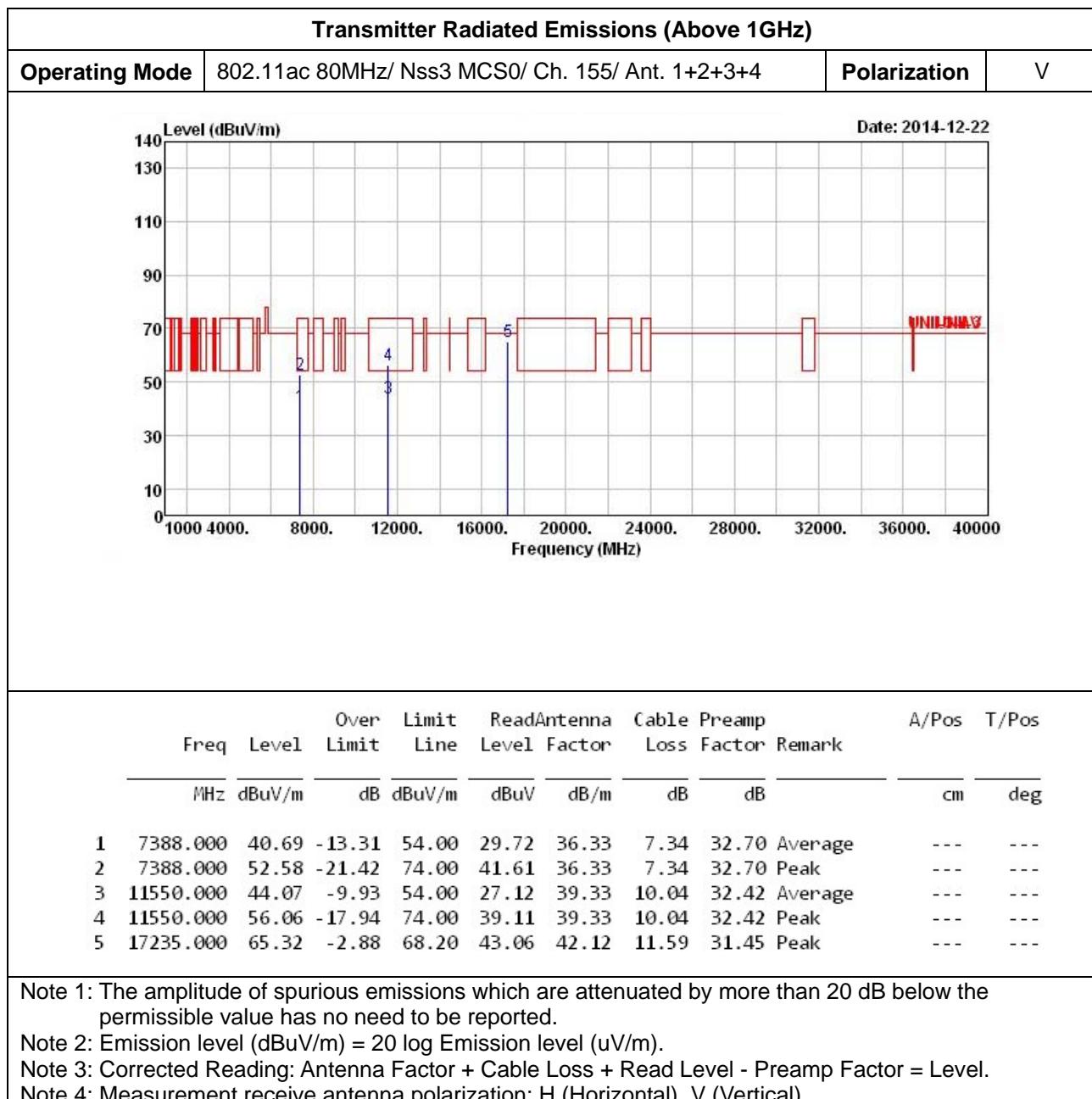
Transmitter Radiated Emissions (Above 1GHz)																			
Operating Mode		802.11ac 40MHz/ Nss3 MCS0/ Ch. 151/ Ant. 1+2+3+4								Polarization	H								
Level (dB _B uV/m)											Date: 2014-12-20								
Freq	Level	Over Limit	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos										
MHz	dB _B uV/m	dB	dB _B uV/m	Line	Level	Factor	Loss	Factor	Remark	cm	deg								
1 7896.000	54.16	-14.04	68.20	41.87	37.00	8.14	32.85	Peak	---	---									
2 11510.000	44.68	-9.32	54.00	27.76	39.30	10.04	32.42	Average	---	---									
3 11510.000	56.56	-17.44	74.00	39.64	39.30	10.04	32.42	Peak	---	---									
4 17265.000	64.14	-4.06	68.20	41.53	42.38	11.68	31.45	Peak	---	---									
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Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)																			













Transmitter Radiated Emissions (Above 1GHz)																																																																																														
Operating Mode		802.11ac 80MHz/ Nss3 MCS0/ Ch. 155/ Ant. 1+2+3+4								Polarization	H																																																																																			
											Date: 2014-12-22																																																																																			
<table><thead><tr><th rowspan="2">Freq</th><th rowspan="2">Level</th><th>Over</th><th>Limit</th><th>Read</th><th>Antenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th></th><th></th></tr><tr><th>Limit</th><th>Line</th><th>Antenna</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Remark</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th></th><th></th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>7012.000</td><td>52.00</td><td>-16.20</td><td>68.20</td><td>42.16</td><td>35.34</td><td>7.05</td><td>32.55</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>11550.000</td><td>43.83</td><td>-10.17</td><td>54.00</td><td>26.88</td><td>39.33</td><td>10.04</td><td>32.42</td><td>Average</td><td>---</td><td>---</td></tr><tr><td>3</td><td>11550.000</td><td>56.69</td><td>-17.31</td><td>74.00</td><td>39.74</td><td>39.33</td><td>10.04</td><td>32.42</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>17235.000</td><td>66.01</td><td>-2.19</td><td>68.20</td><td>43.75</td><td>42.12</td><td>11.59</td><td>31.45</td><td>Peak</td><td>---</td><td>---</td></tr></tbody></table>												Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	A/Pos	T/Pos			Limit	Line	Antenna	Factor	Loss	Factor	Remark			cm	deg	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB					1	7012.000	52.00	-16.20	68.20	42.16	35.34	7.05	32.55	Peak	---	---	2	11550.000	43.83	-10.17	54.00	26.88	39.33	10.04	32.42	Average	---	---	3	11550.000	56.69	-17.31	74.00	39.74	39.33	10.04	32.42	Peak	---	---	4	17235.000	66.01	-2.19	68.20	43.75	42.12	11.59	31.45	Peak	---	---
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Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)



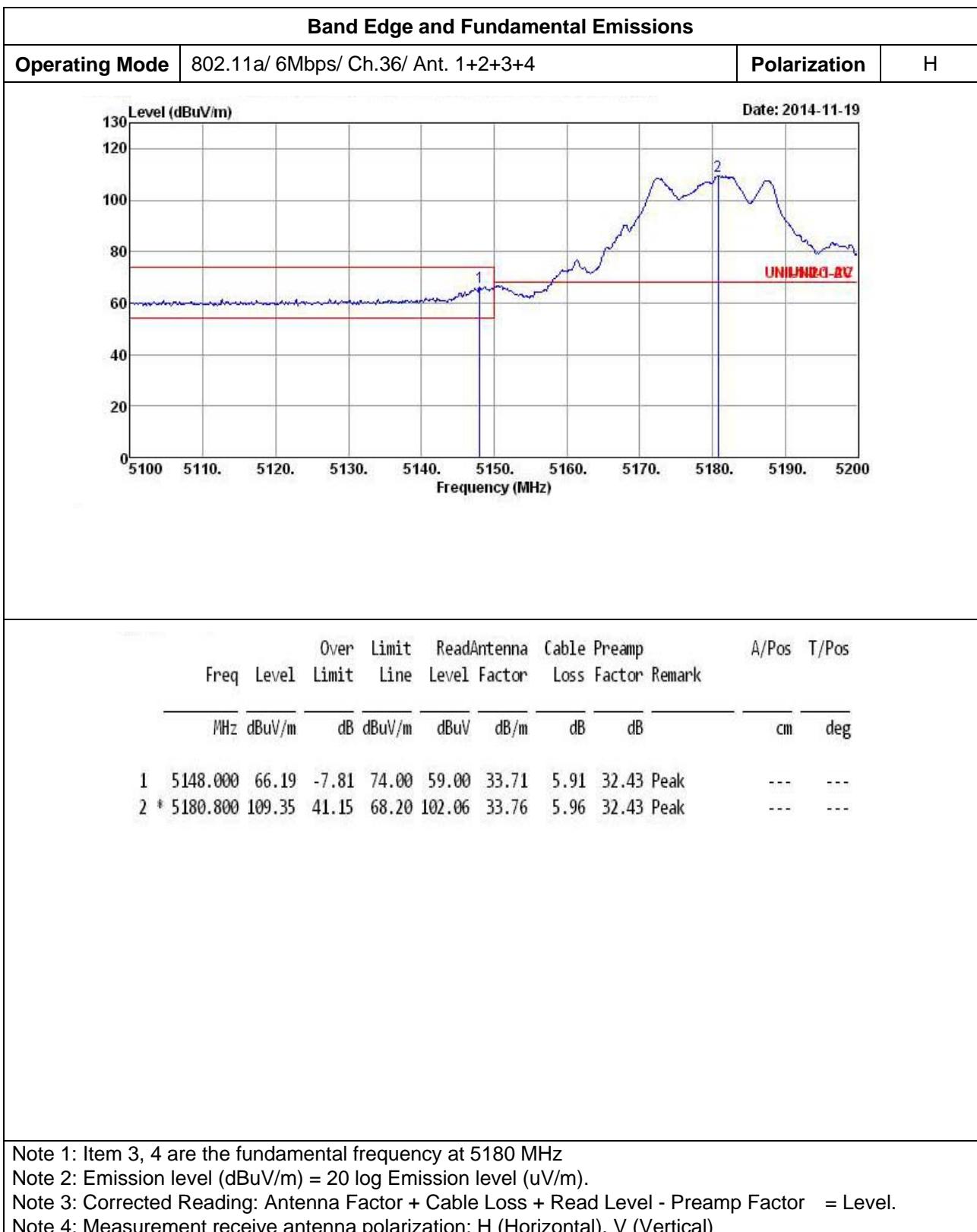
4.11 Test Result of Band Edge and Fundamental Emissions

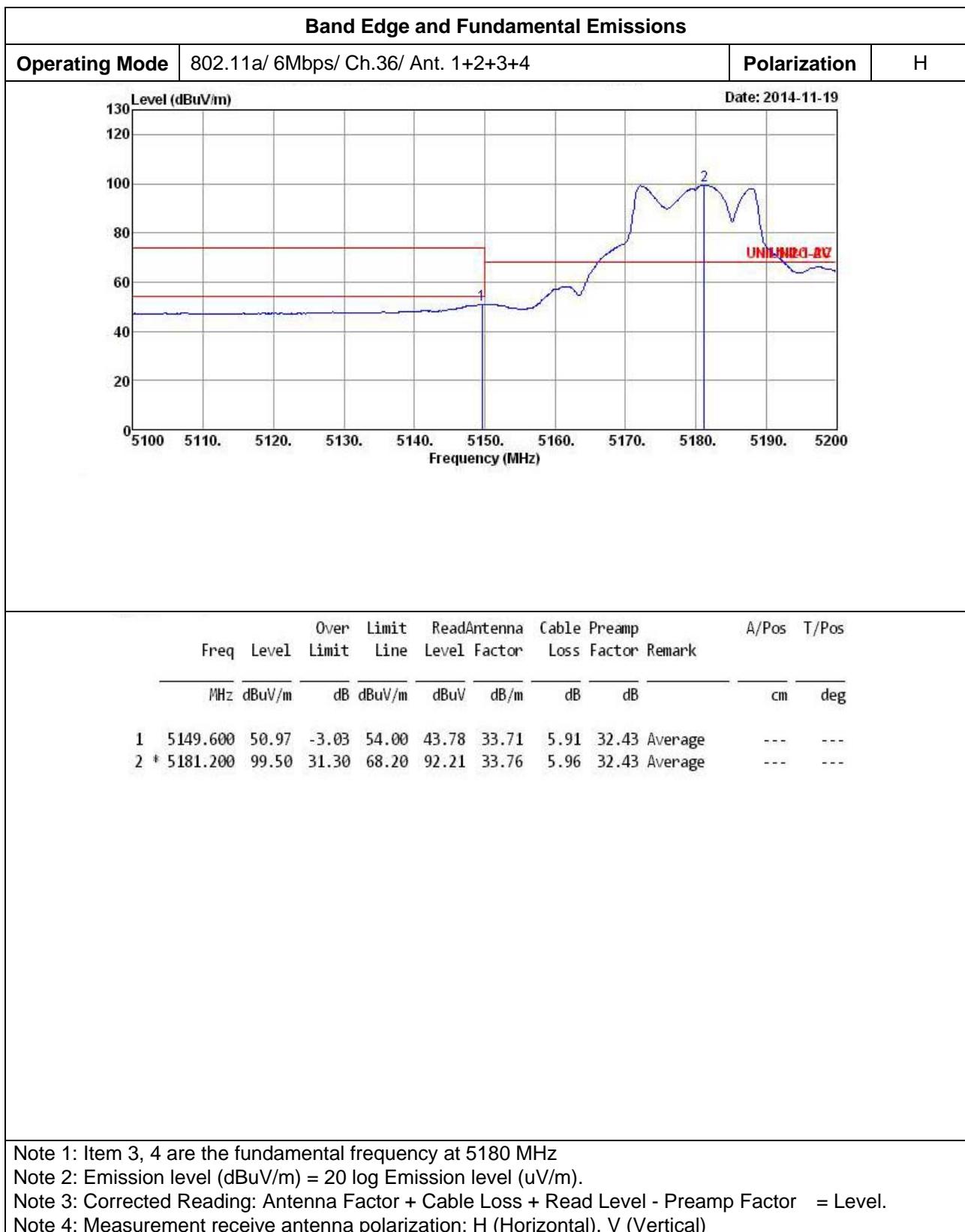
Following channel(s) was (were) selected for the final test as listed below.

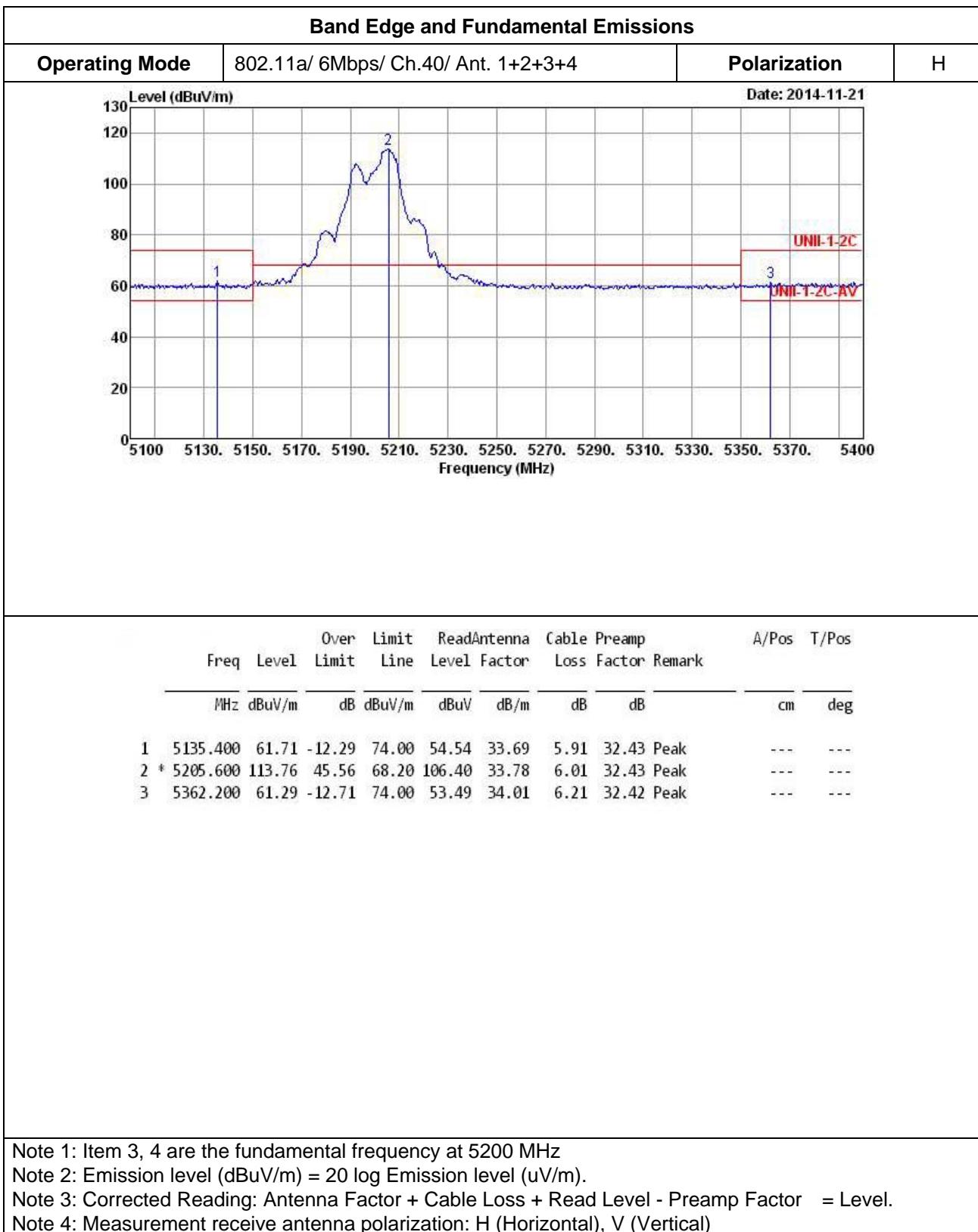
MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	Ant.1+2+3+4 (CDD)	36, 40, 48 149, 157, 165	OFDM	BPSK	6
802.11ac 20MHz	Ant.1+2+3+4 (CDD)	36, 40, 48 149, 157, 165	OFDM	BPSK	Nss1MCS0 (6.5)
802.11ac 40MHz	Ant.1+2+3+4 (CDD)	38, 46 151, 159	OFDM	BPSK	Nss1MCS0 (13.5)
802.11ac 80MHz	Ant.1+2+3+4 (CDD)	42, 155	OFDM	BPSK	Nss1MCS0 (29.3)

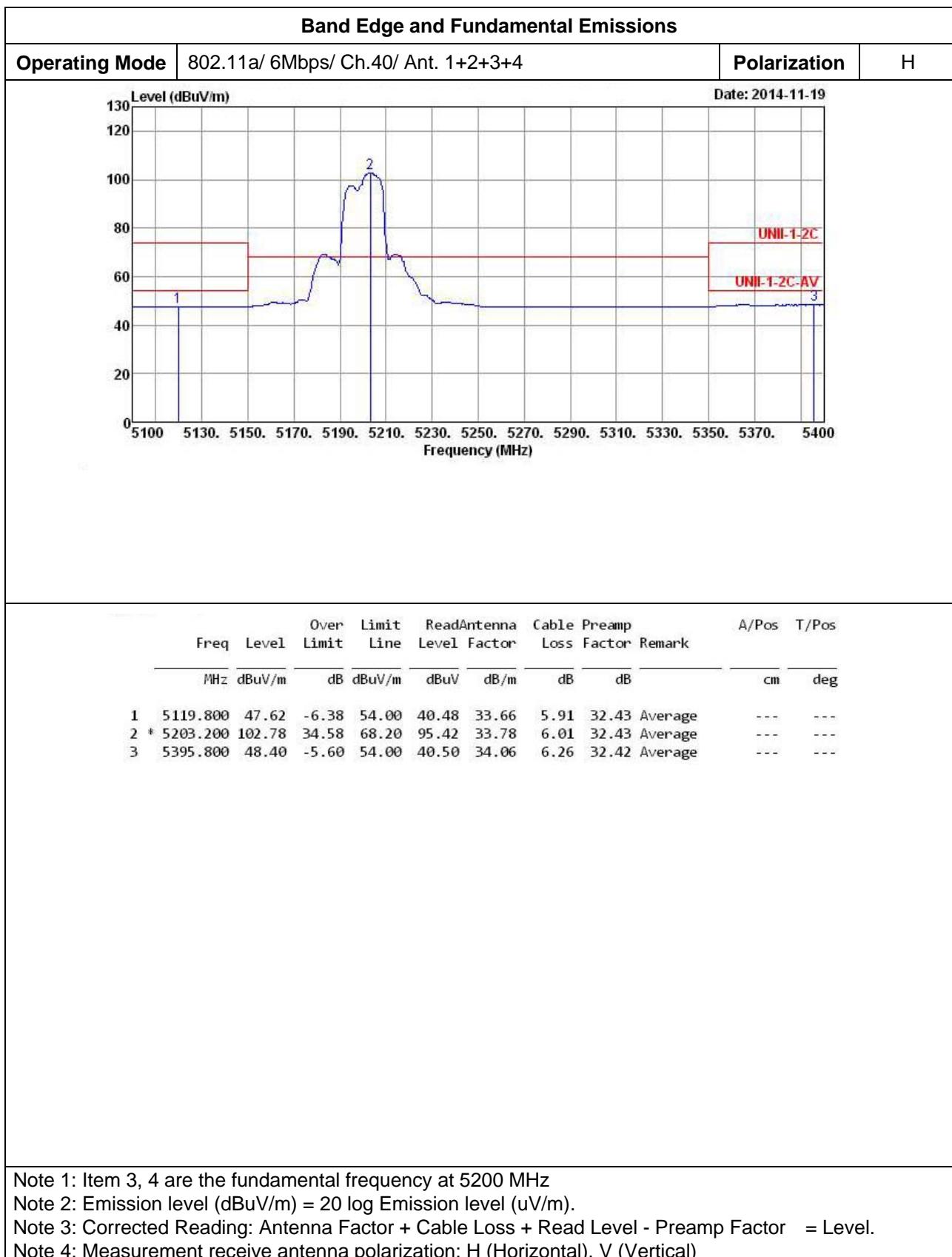
MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11ac 20MHz	Ant.1+2+3+4 (TXBF)	36, 40, 48 149, 157, 165	OFDM	BPSK	Nss2MCS0 (13.0)
802.11ac 40MHz	Ant.1+2+3+4 (TXBF)	38, 46 151, 159	OFDM	BPSK	Nss2MCS0 (27.0)
802.11ac 80MHz	Ant.1+2+3+4 (TXBF)	42, 155	OFDM	BPSK	Nss2MCS0 (58.5)

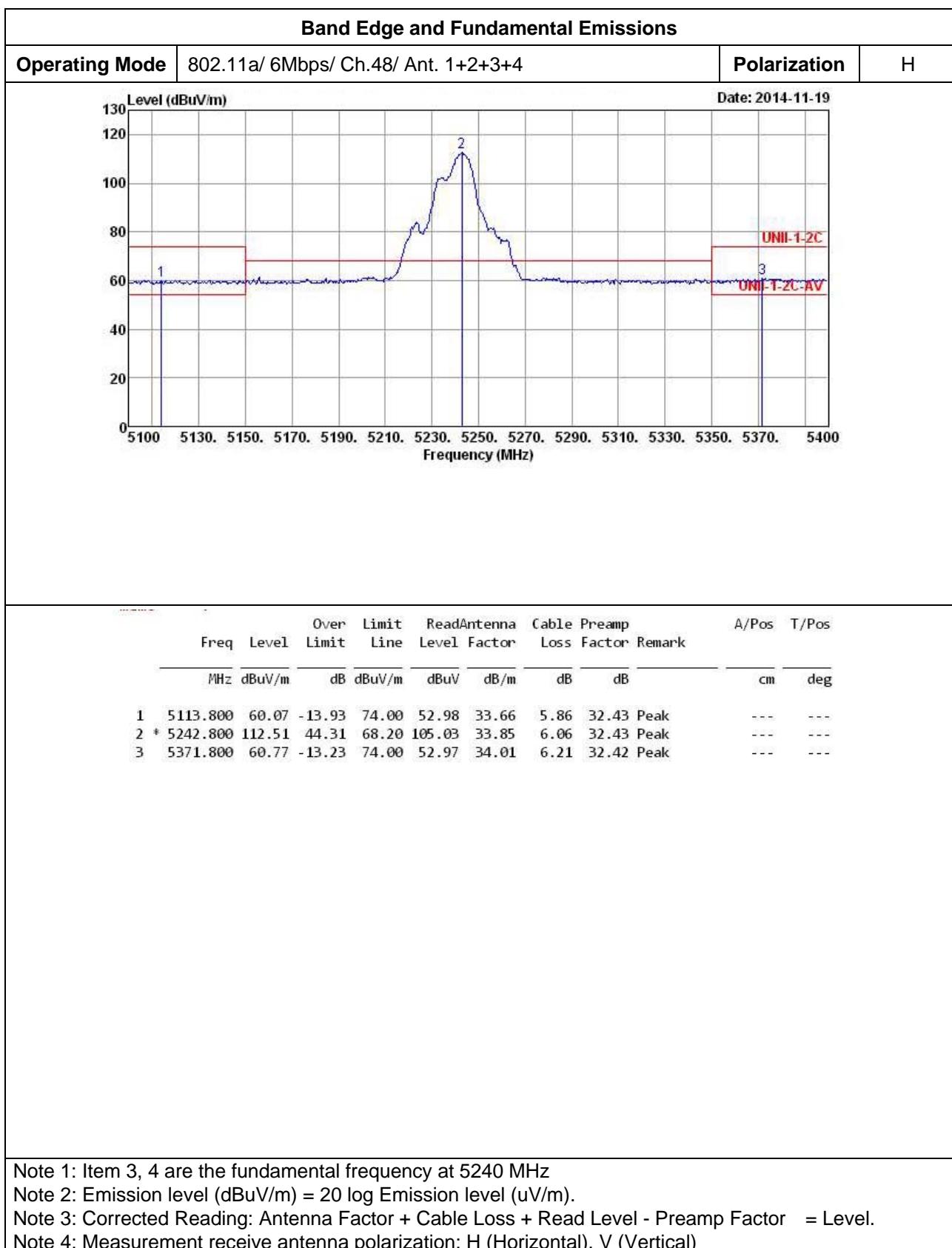
MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11ac 20MHz	Ant.1+2+3+4 (TXBF)	36, 40, 48 149, 157, 165	OFDM	BPSK	Nss3MCS0 (19.5)
802.11ac 40MHz	Ant.1+2+3+4 (TXBF)	38, 46 151, 159	OFDM	BPSK	Nss3MCS0 (40.5)
802.11ac 80MHz	Ant.1+2+3+4 (TXBF)	42, 155	OFDM	BPSK	Nss3MCS0 (87.8)

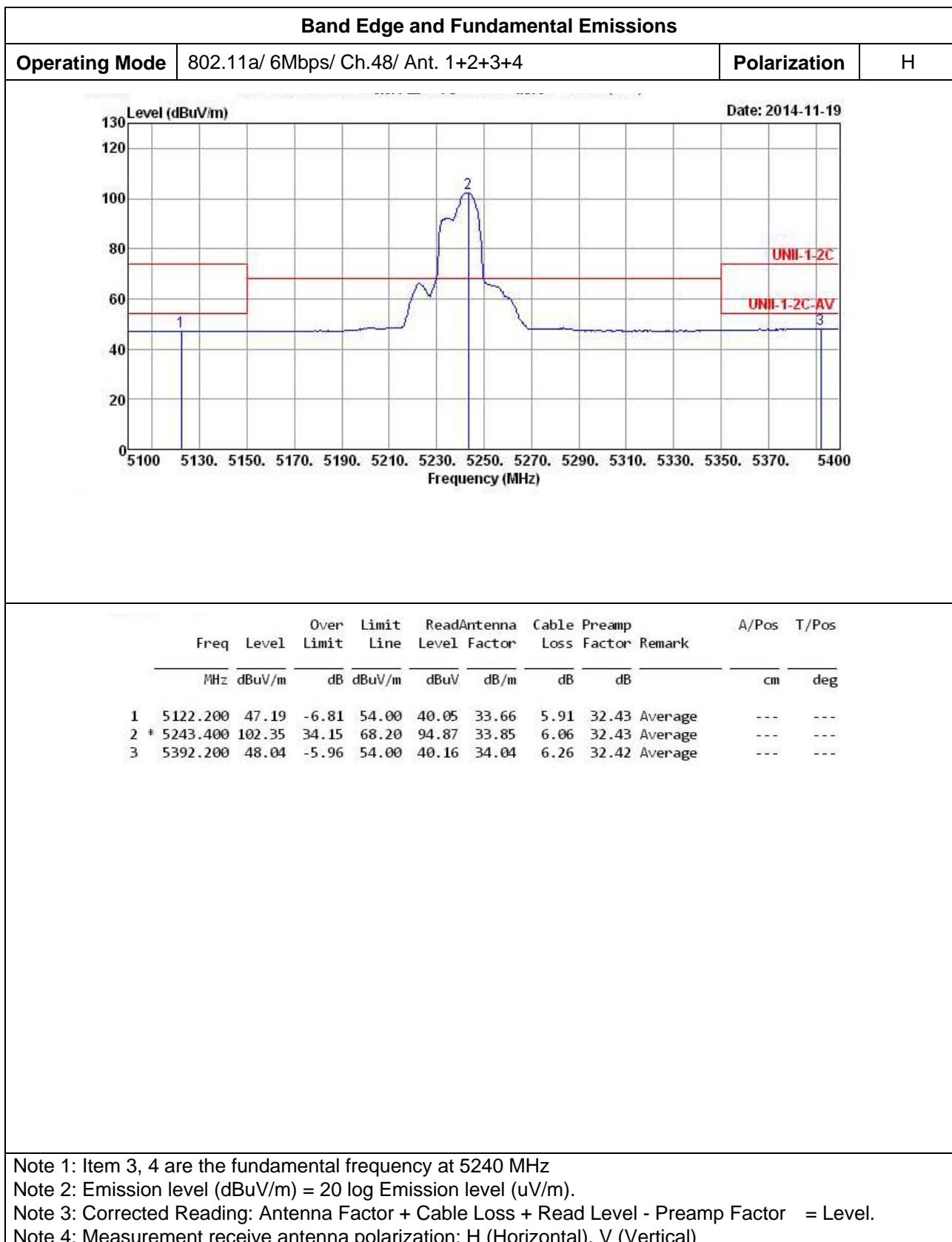














Band Edge and Fundamental Emissions

