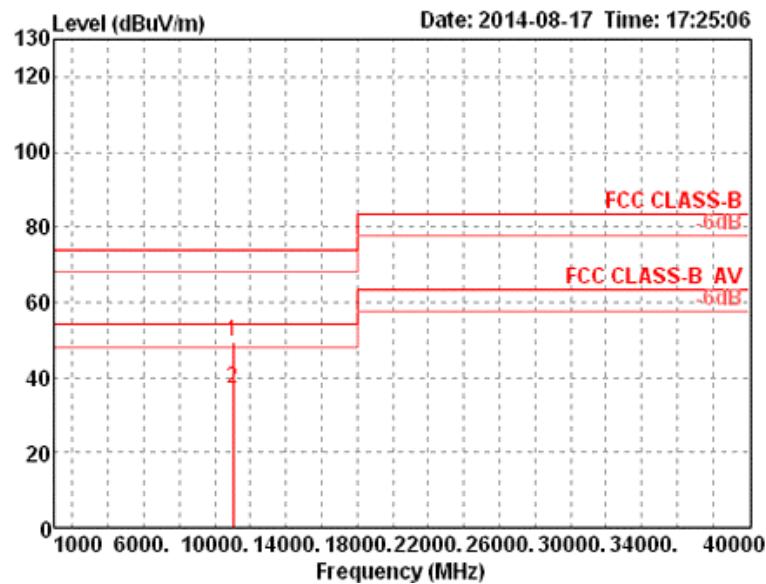
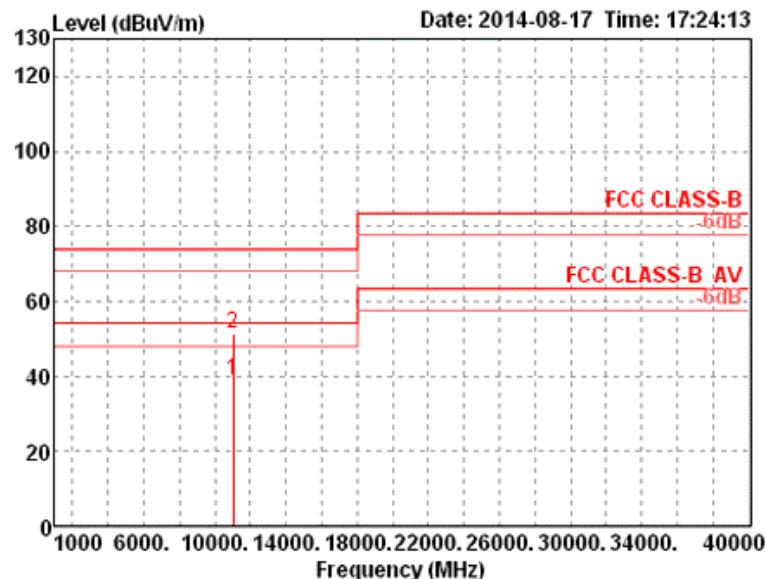


Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2

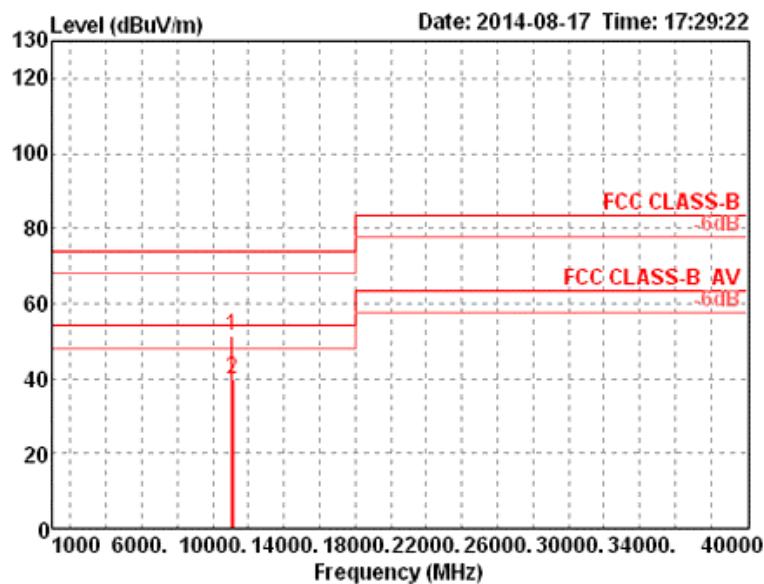
Horizontal


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 11017.92	49.18	74.00	-24.82	40.13	5.02	39.01	34.98	Peak		153	125	HORIZONTAL
2 11038.88	36.79	54.00	-17.21	27.72	5.02	39.04	34.99	Average		153	125	HORIZONTAL

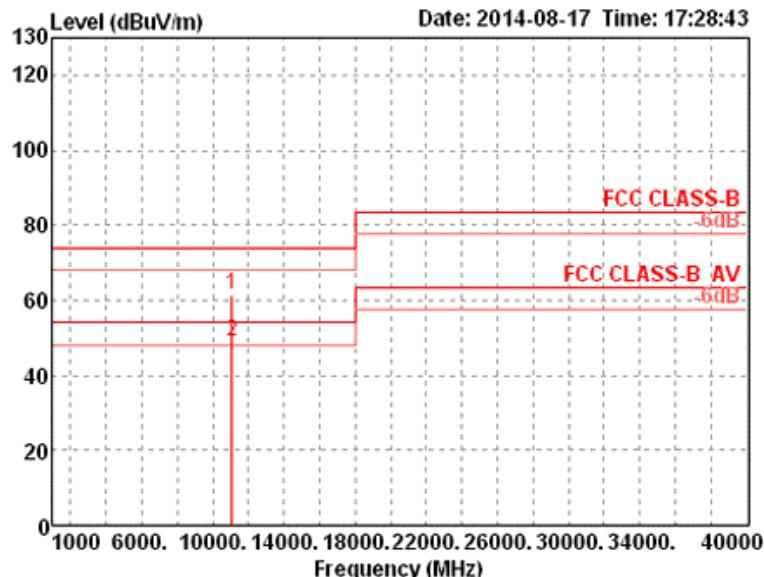
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB		cm	deg	
1 11018.40	38.82	54.00	-15.18	29.77	5.02	39.01	34.98	Average		153	54	VERTICAL
2 11026.72	51.49	74.00	-22.51	42.42	5.02	39.03	34.98	Peak		153	54	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2

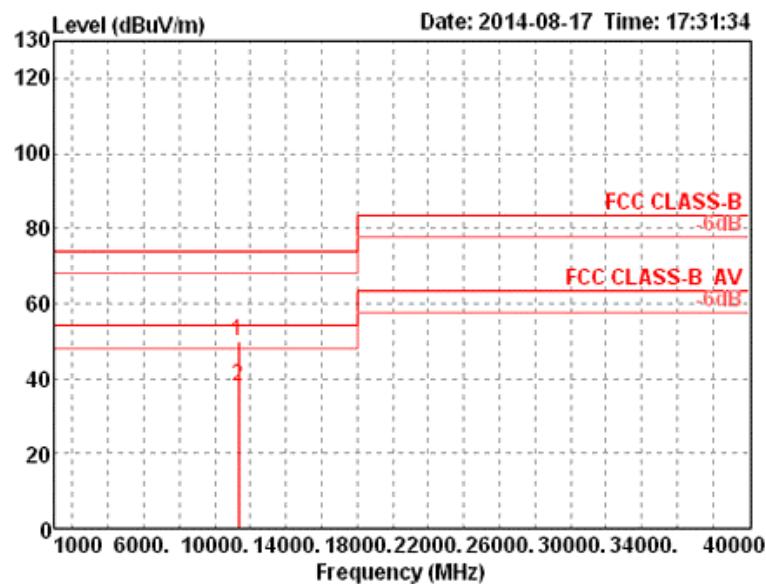
Horizontal


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 11106.24	51.52	74.00	-22.48	42.40	5.03	39.08	34.99	Peak		154	121	HORIZONTAL
2 11112.24	39.88	54.00	-14.12	30.75	5.04	39.09	35.00	Average		154	121	HORIZONTAL

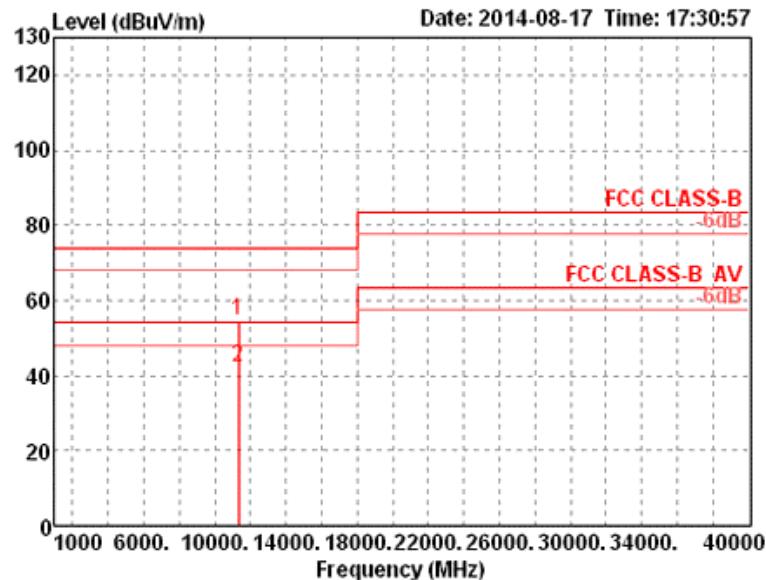
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB	cm	deg		
1 11096.80	61.22	74.00	-12.78	52.10	5.03	39.08	34.99	Peak	154	142	VERTICAL	
2 11102.00	48.75	54.00	-5.25	39.63	5.03	39.08	34.99	Average	154	142	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2

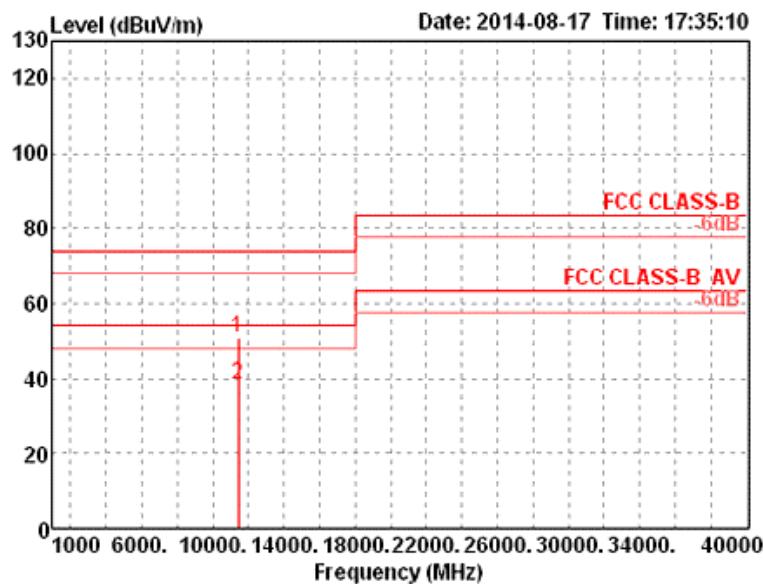
Horizontal


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11327.36	49.88	74.00	-24.12	40.58	5.08	39.25	35.03	Peak	156	0	HORIZONTAL	
2	11331.12	37.79	54.00	-16.21	28.47	5.08	39.27	35.03	Average	156	0	HORIZONTAL	

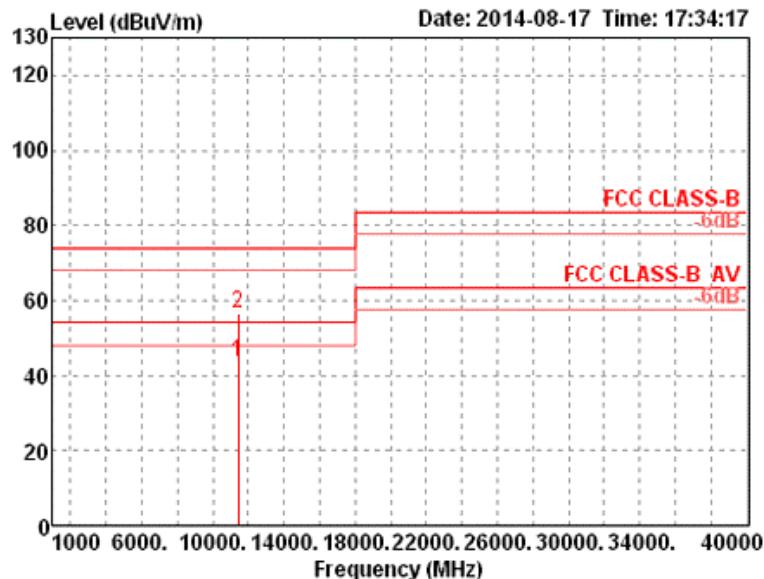
Vertical


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1	11328.56	54.89	74.00	-19.11	45.57	5.08	39.27	35.03	Peak	161	56	VERTICAL
2	11336.24	42.35	54.00	-11.65	33.03	5.08	39.27	35.03	Average	161	56	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2

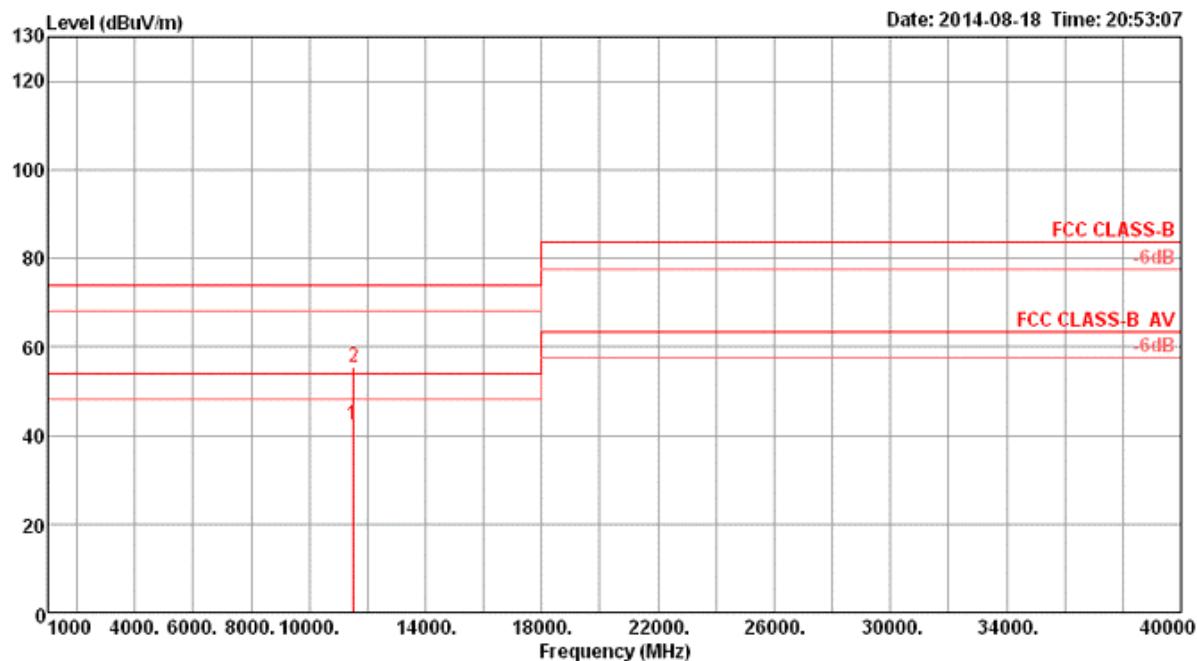
Horizontal


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1	11423.76	50.82	74.00	-23.18	41.43	5.10	39.33	35.04	Peak	161	90	HORIZONTAL
2	11428.40	38.32	54.00	-15.68	28.93	5.10	39.33	35.04	Average	161	90	HORIZONTAL

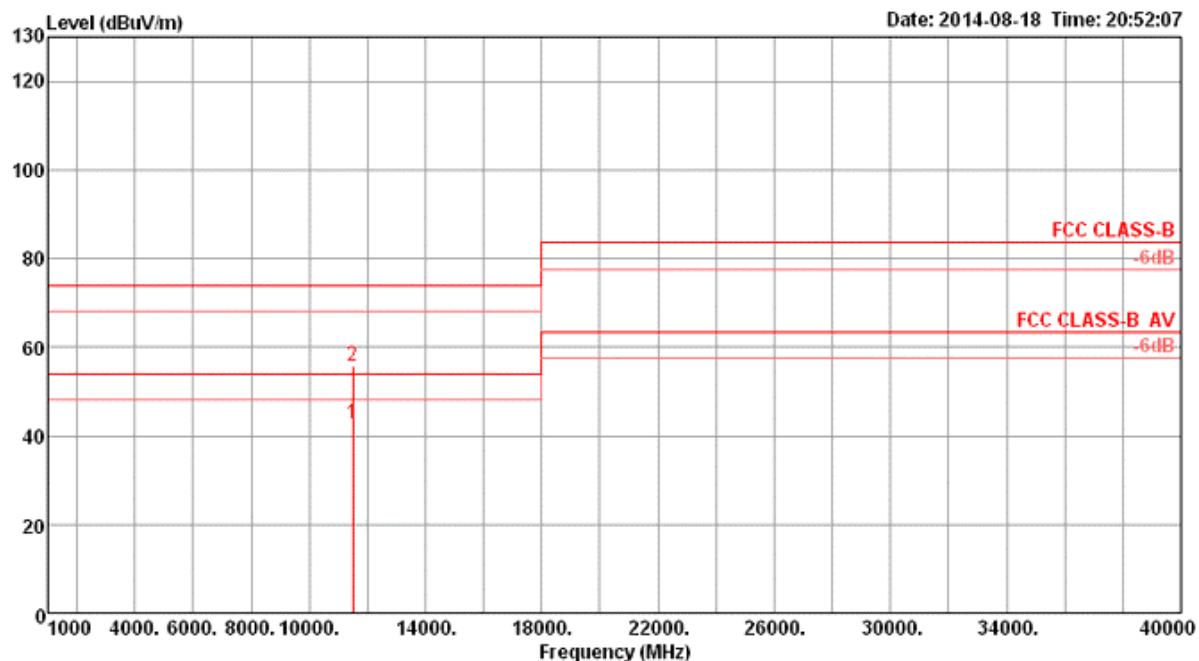
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB							cm	deg	
1	11418.96	43.53	54.00	-10.47	34.14	5.10	39.33	35.04	Average	154	145	VERTICAL
2	11421.44	56.47	74.00	-17.53	47.08	5.10	39.33	35.04	Peak	154	145	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2

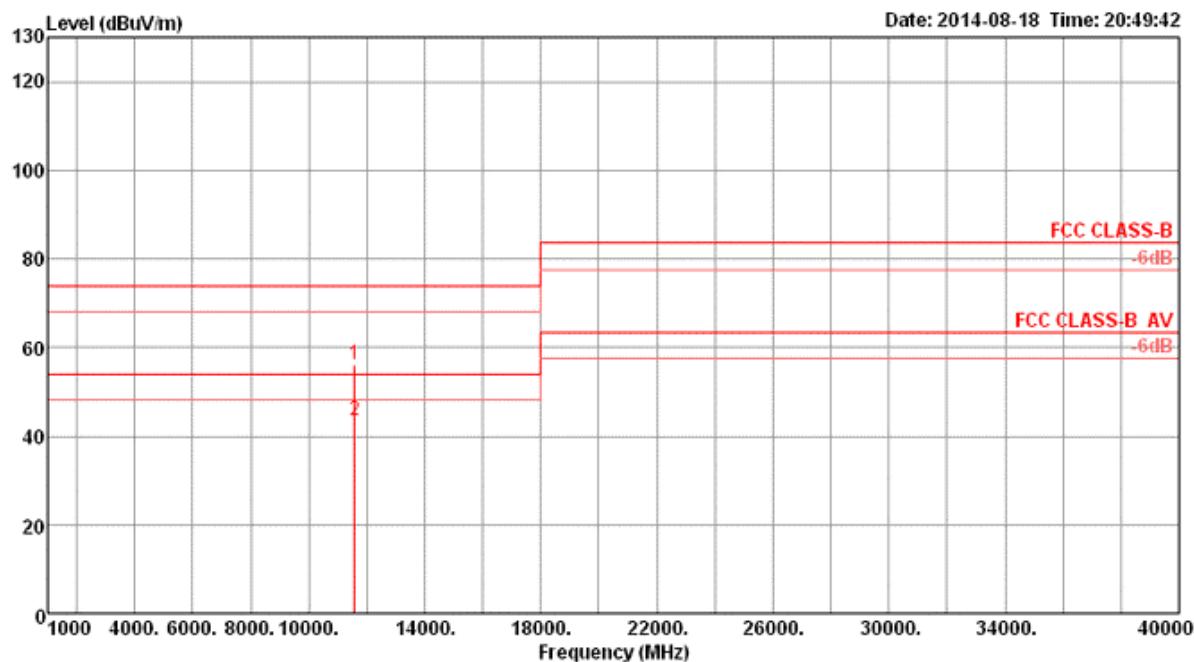
Horizontal


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor		cm	deg	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1 11505.26	42.40	54.00	-11.60	28.75	9.25	39.50	35.10	Average	150	324	HORIZONTAL
2 11513.46	55.36	74.00	-18.64	41.71	9.25	39.50	35.10	Peak	150	324	HORIZONTAL

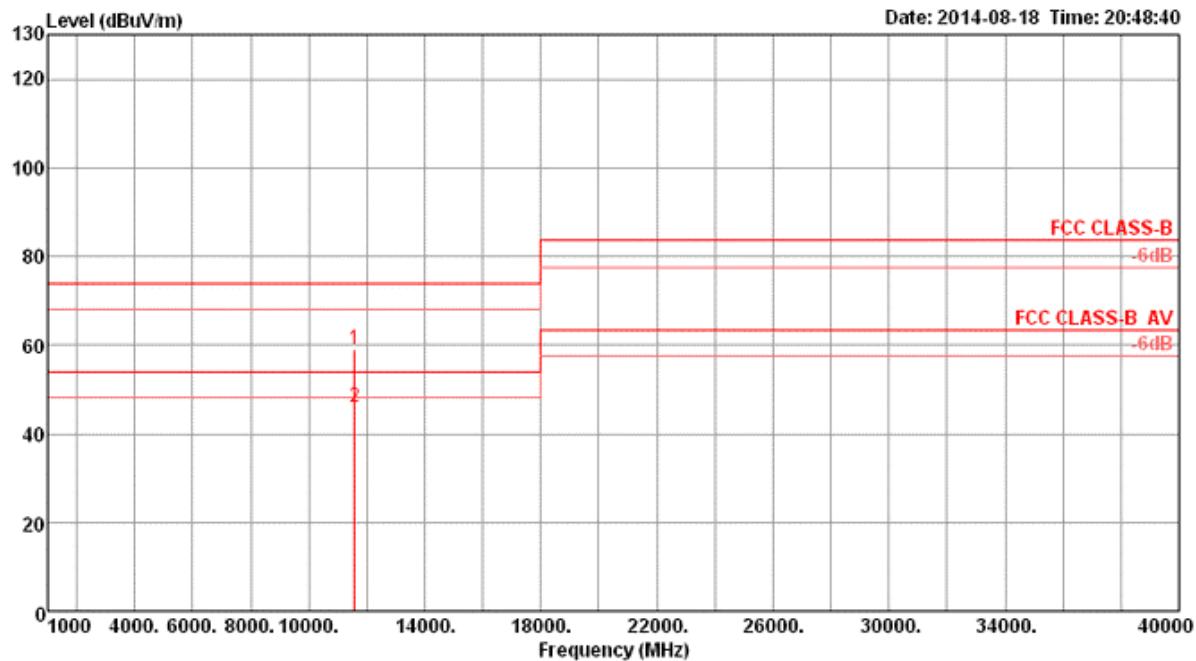
Vertical


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1 11508.59	42.77	54.00	-11.23	29.12	9.25	39.50	35.10	Average	150	22	VERTICAL
2 11510.29	55.61	74.00	-18.39	41.96	9.25	39.50	35.10	Peak	150	22	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2

Horizontal


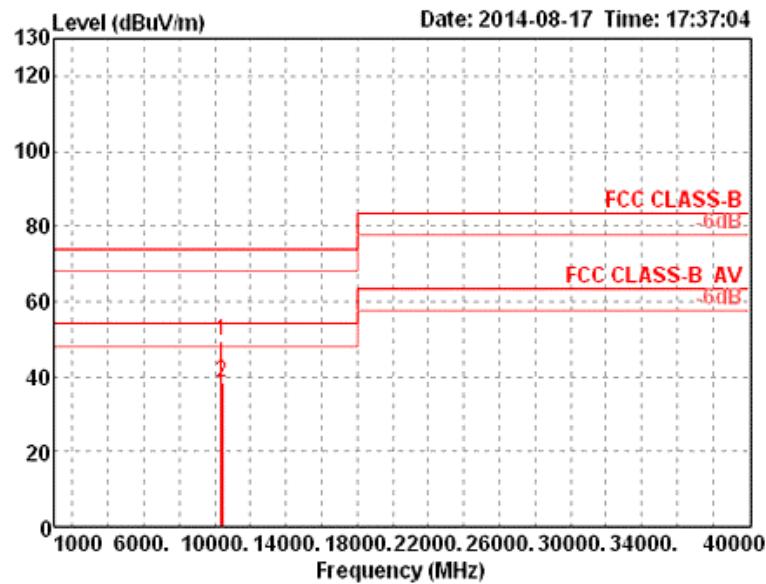
Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 11589.26	56.13	74.00	-17.87	42.47	9.27	39.47	35.08	Peak		150	27	HORIZONTAL
2 11592.28	43.46	54.00	-10.54	29.80	9.27	39.47	35.08	Average		150	27	HORIZONTAL

Vertical


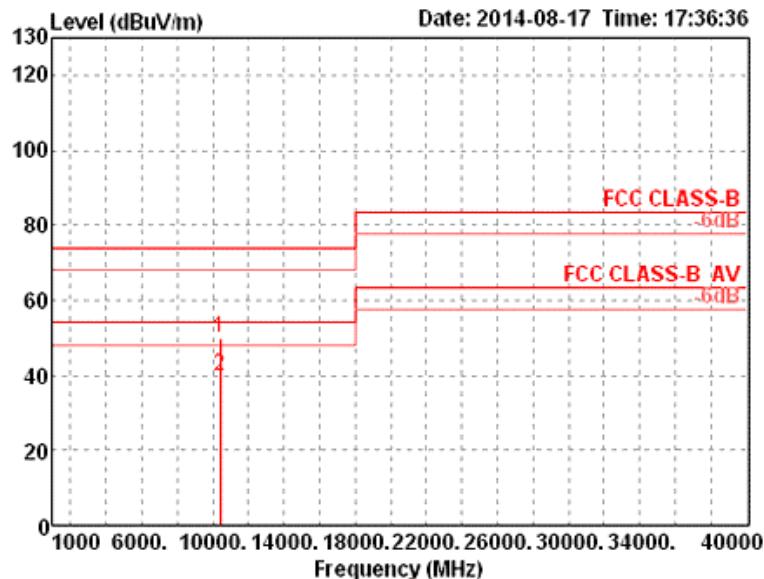
Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			Loss	Antenna Factor	Preamp Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 11587.63	59.20	74.00	-14.80	45.54	9.27	39.47	35.08	Peak	150	227	VERTICAL	
2 11590.40	46.06	54.00	-7.94	32.40	9.27	39.47	35.08	Average	150	227	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2

Horizontal

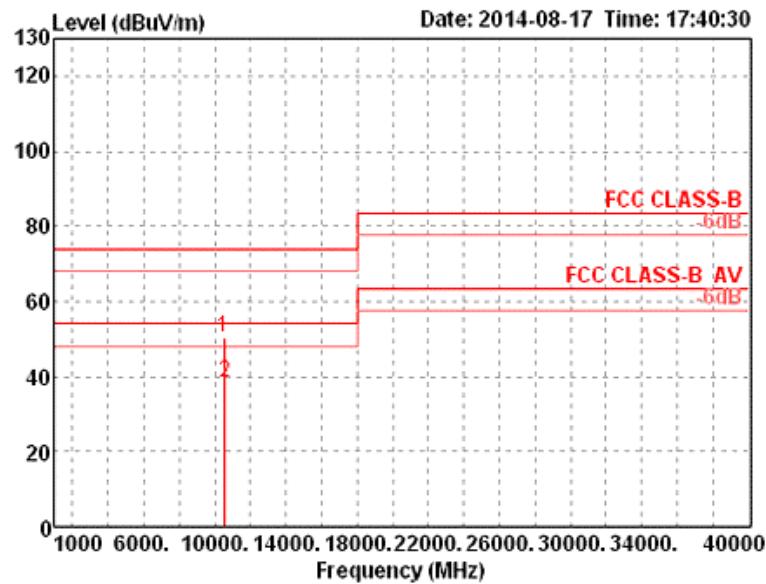


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1 10392.00	49.18	74.00	-24.82	40.60	4.98	38.99	35.39	Peak		165	265	HORIZONTAL	
2 10415.36	38.42	54.00	-15.58	29.84	4.98	38.97	35.37	Average		165	265	HORIZONTAL	

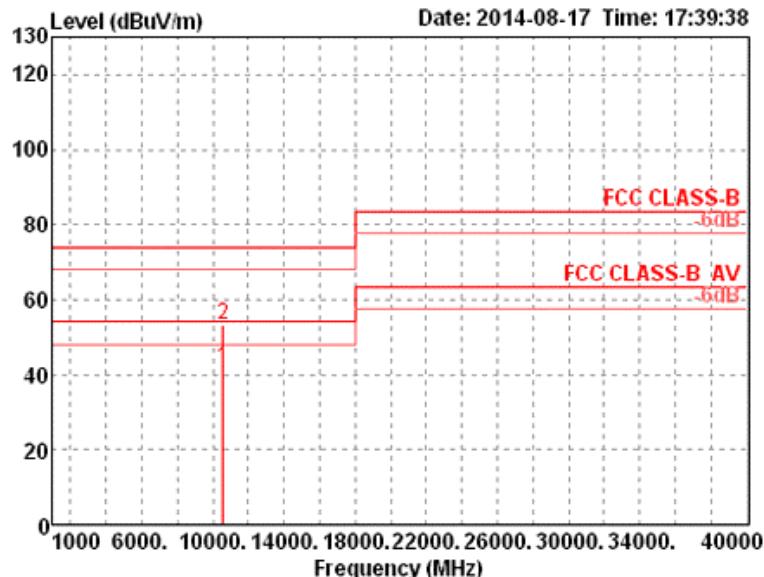
Vertical


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				cm	deg	
1 10417.28	49.83	74.00	-24.17	41.25	4.98	38.97	35.37	Peak			159	342	VERTICAL
2 10419.84	39.60	54.00	-14.40	31.02	4.98	38.97	35.37	Average			159	342	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2

Horizontal


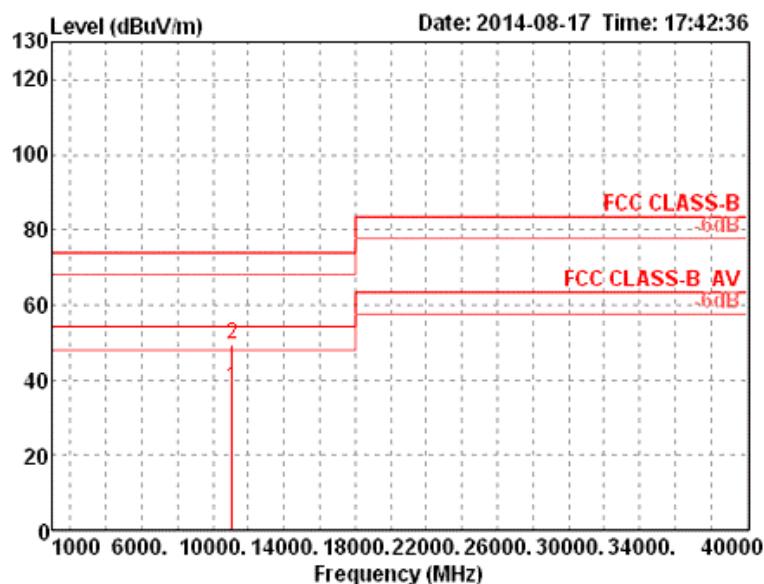
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					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 10548.64	50.45	74.00	-23.55	41.81	5.01	38.91	35.28	Peak		157	188	HORIZONTAL
2 10587.36	38.36	54.00	-15.64	29.68	5.01	38.92	35.25	Average		157	188	HORIZONTAL

Vertical


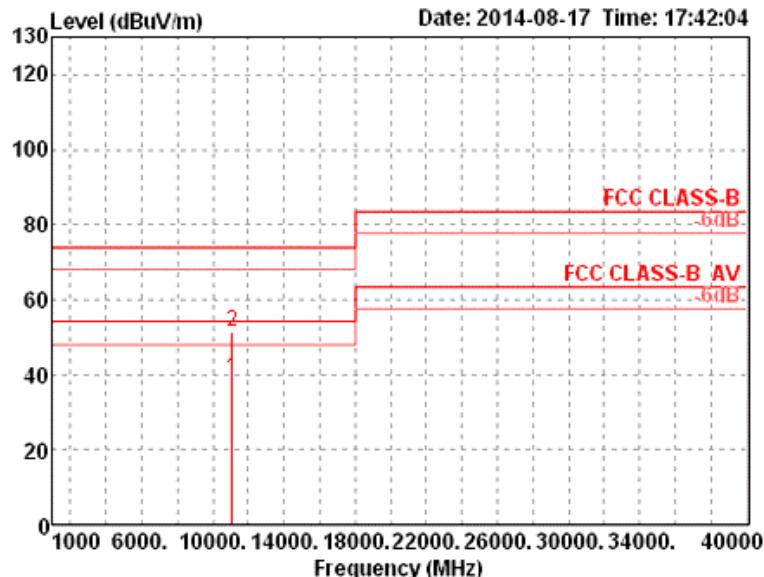
Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB	cm	deg		
1	10582.40	41.84	54.00	-12.16	33.16	5.01	38.92	35.25	Average	147	142	VERTICAL
2	10594.08	53.32	74.00	-20.68	44.64	5.01	38.92	35.25	Peak	147	142	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2

Horizontal

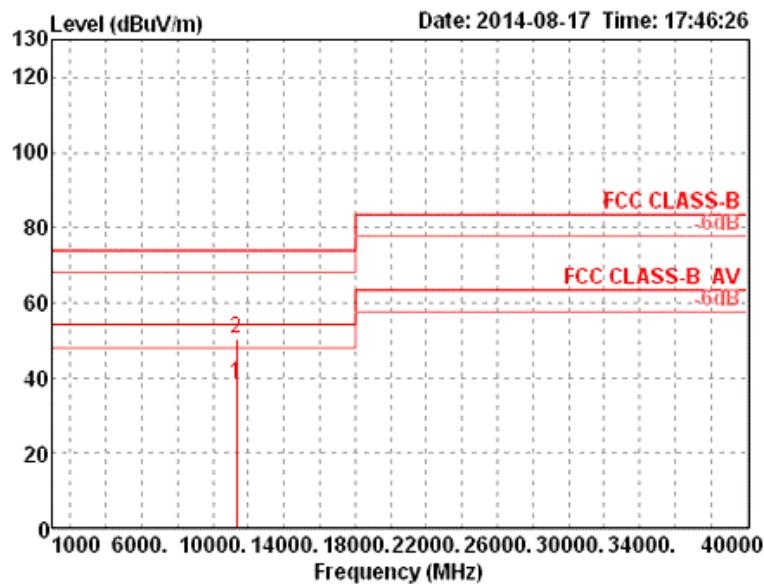


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11080.64	37.75	54.00	-16.25	28.64	5.03	39.07	34.99	Average	157	119	HORIZONTAL
2	11083.04	49.28	74.00	-24.72	40.17	5.03	39.07	34.99	Peak	157	119	HORIZONTAL

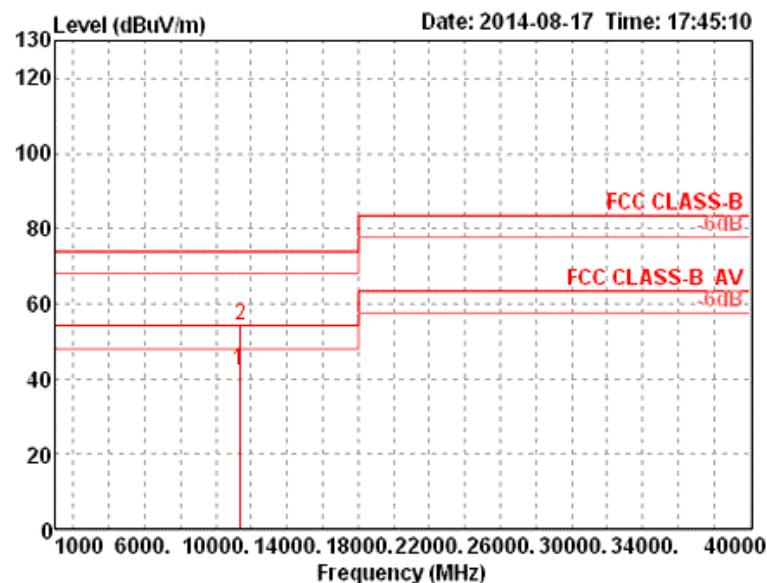
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	dB		cm	deg	
1 11075.36	38.79	54.00	-15.21	29.68	5.03	39.07	34.99	Average	147	59	VERTICAL	
2 11078.24	51.11	74.00	-22.89	42.00	5.03	39.07	34.99	Peak	147	59	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2

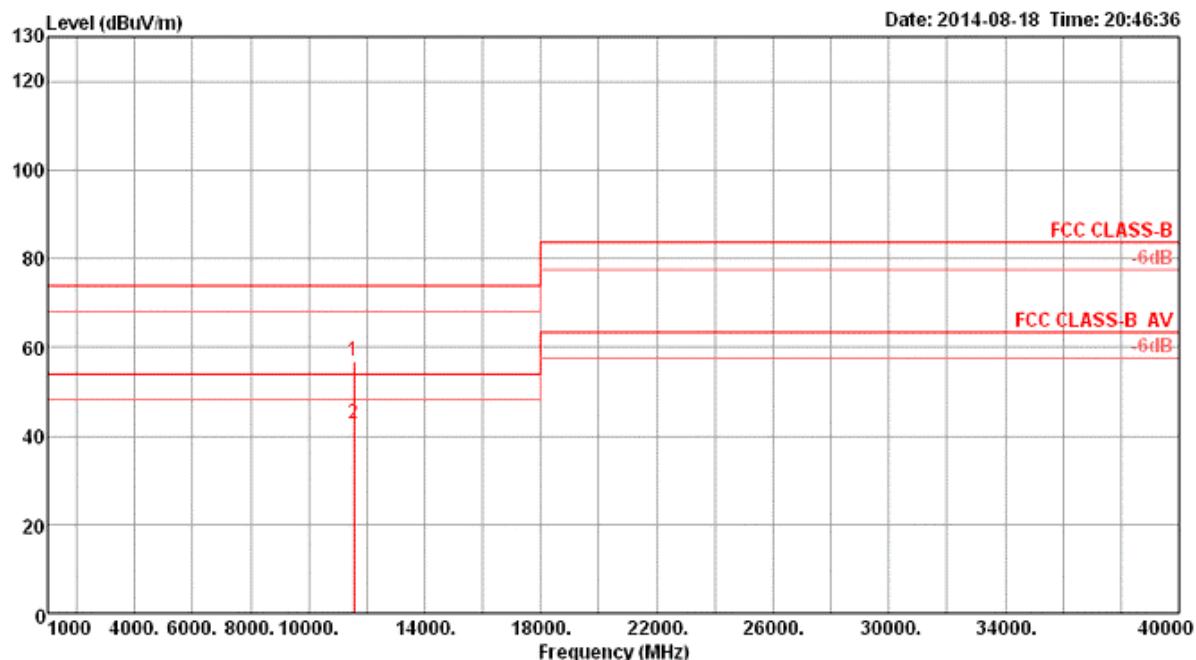
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11360.16	38.16	54.00	-15.84	28.82	5.09	39.28	35.03	Average	174	218	HORIZONTAL
2	11360.96	50.40	74.00	-23.60	41.06	5.09	39.28	35.03	Peak	174	218	HORIZONTAL

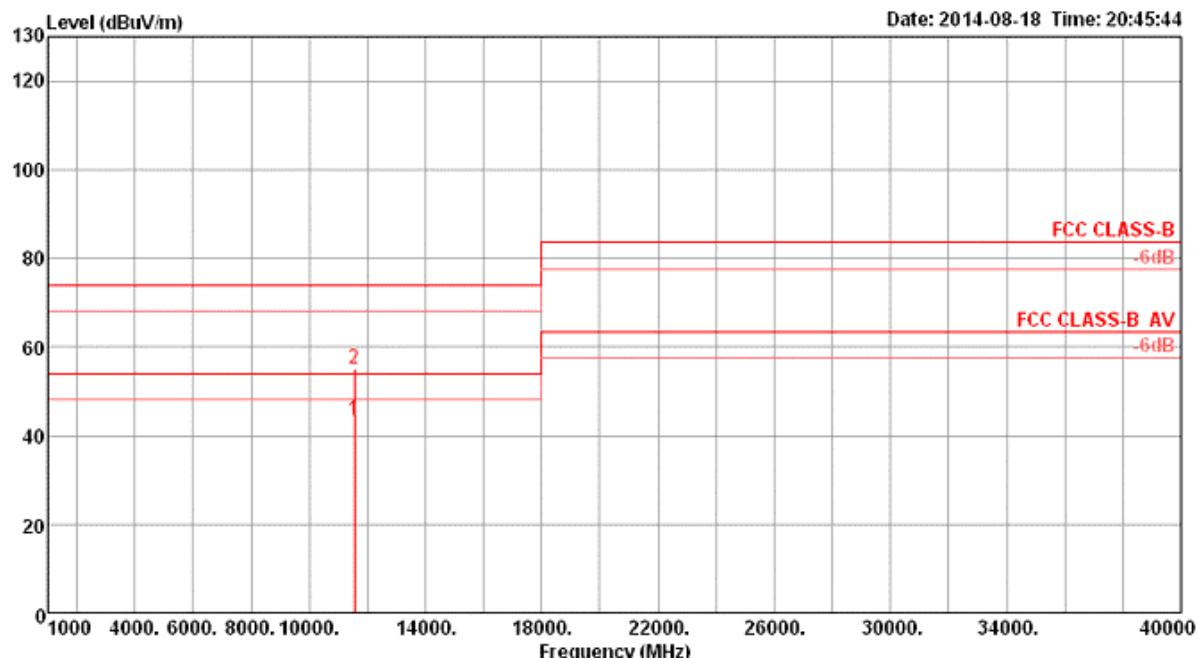
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB		cm	deg	
1	11358.72	42.16	54.00	-11.84	32.82	5.09	39.28	35.03	Average	146	142	VERTICAL
2	11399.04	54.33	74.00	-19.67	44.95	5.10	39.32	35.04	Peak	146	142	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2

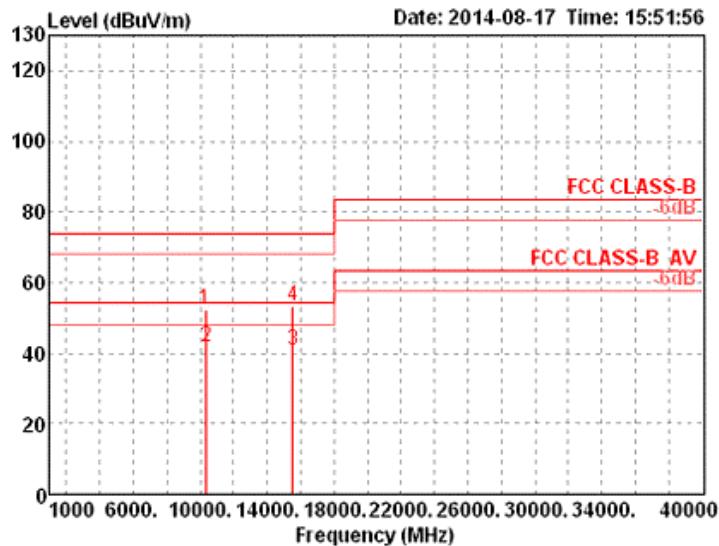
Horizontal


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor		cm	deg	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1 11551.39	56.77	74.00	-17.23	43.12	9.26	39.48	35.09	Peak	150	164	HORIZONTAL
2 11551.70	42.75	54.00	-11.25	29.10	9.26	39.48	35.09	Average	150	164	HORIZONTAL

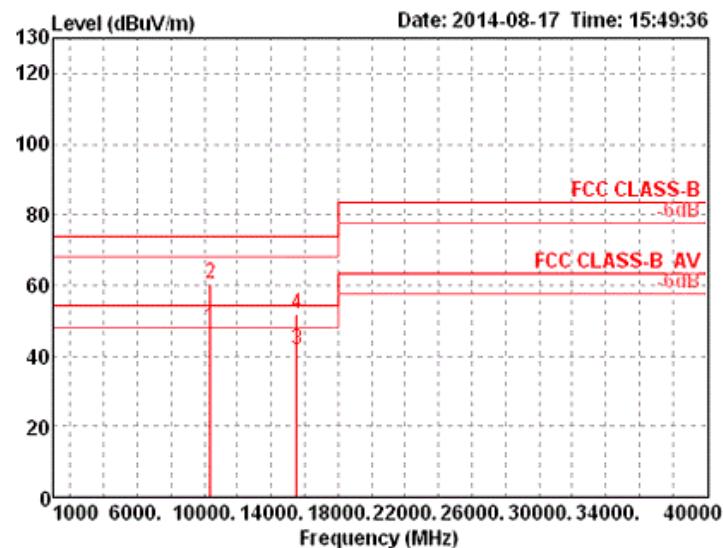
Vertical


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	dB						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB	cm	deg				
1	11551.13	43.41	54.00	-10.59	29.76	9.26	39.48	35.09	Average	160	327	VERTICAL	
2	11551.77	55.15	74.00	-18.85	41.50	9.26	39.48	35.09	Peak	160	327	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 36 / Chain 1 + Chain 2

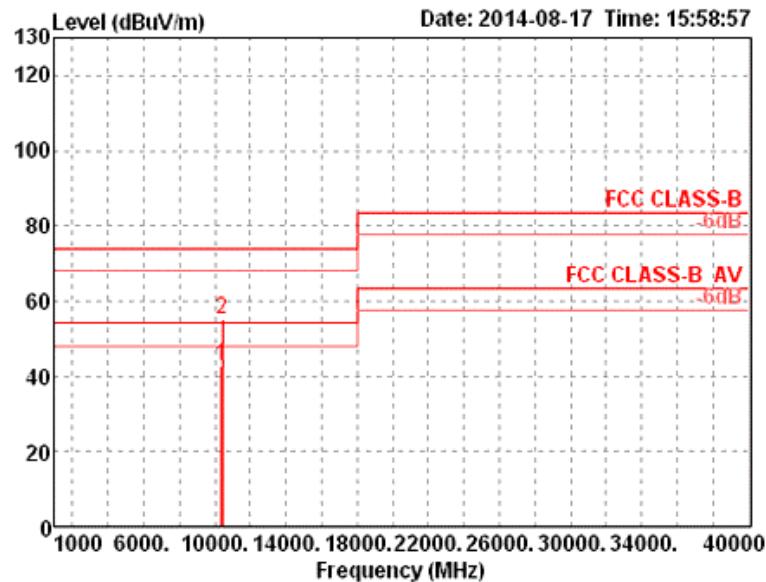
Horizontal


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1	10351.30	52.16	74.00	-21.84	43.58	4.97	39.02	35.41	Peak	140	342	HORIZONTAL
2	10361.50	41.56	54.00	-12.44	32.99	4.97	39.01	35.41	Average	140	342	HORIZONTAL
3	15533.56	40.82	54.00	-13.18	31.41	6.13	38.45	35.17	Average	140	149	HORIZONTAL
4	15547.04	53.48	74.00	-20.52	44.09	6.13	38.43	35.17	Peak	140	149	HORIZONTAL

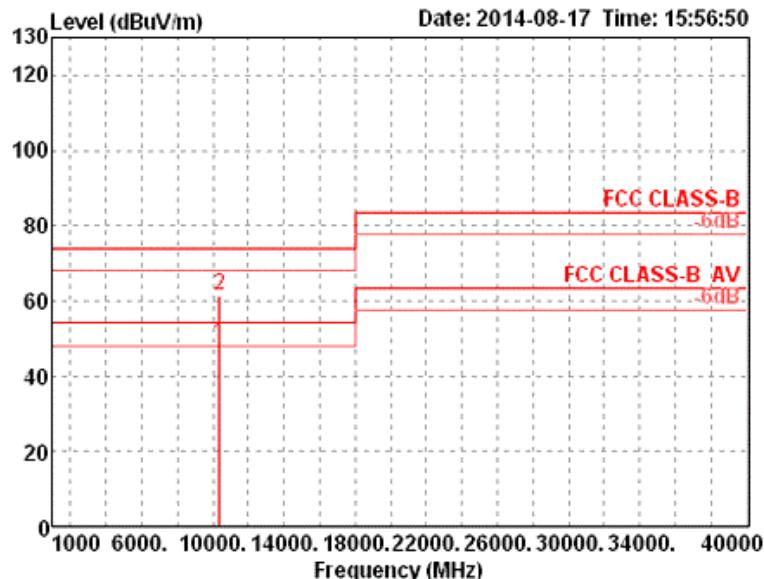
Vertical


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV			dB	dB/m	dB					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dBuV	dB	dB/m	dB	cm	deg			
1 10359.46	47.81	54.00	-6.19	39.24	4.97	39.01	35.41	Average		153	142	VERTICAL		
2 10360.48	60.32	74.00	-13.68	51.75	4.97	39.01	35.41	Peak		153	142	VERTICAL		
3 15534.12	41.88	54.00	-12.12	32.47	6.13	38.45	35.17	Average		140	273	VERTICAL		
4 15534.12	51.83	74.00	-22.17	42.42	6.13	38.45	35.17	Peak		140	273	VERTICAL		

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 40 / Chain 1 + Chain 2

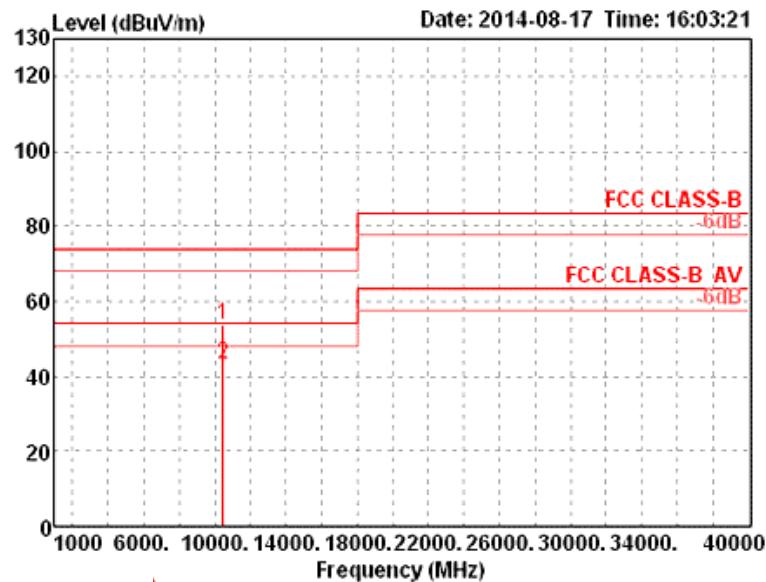
Horizontal


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase	
		Line	dBuV/m	dB			dBuV	dB	dB/m							
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dBuV	dB	dB/m	dB	cm	deg					
1 10400.78	42.91	54.00	-11.09	34.32	4.98	38.98	35.37	Average		158	148	HORIZONTAL				
2 10405.94	55.11	74.00	-18.89	46.52	4.98	38.98	35.37	Peak		158	148	HORIZONTAL				

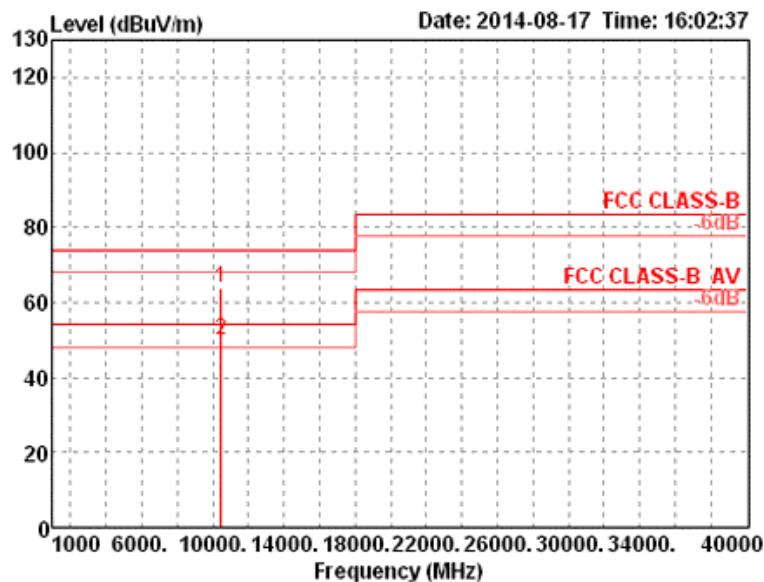
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB	cm	deg		
1	10399.22	48.52	54.00	-5.48	39.93	4.98	38.98	35.37	Average	150	143	VERTICAL
2	10399.22	61.34	74.00	-12.66	52.75	4.98	38.98	35.37	Peak	150	143	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 48 / Chain 1 + Chain 2

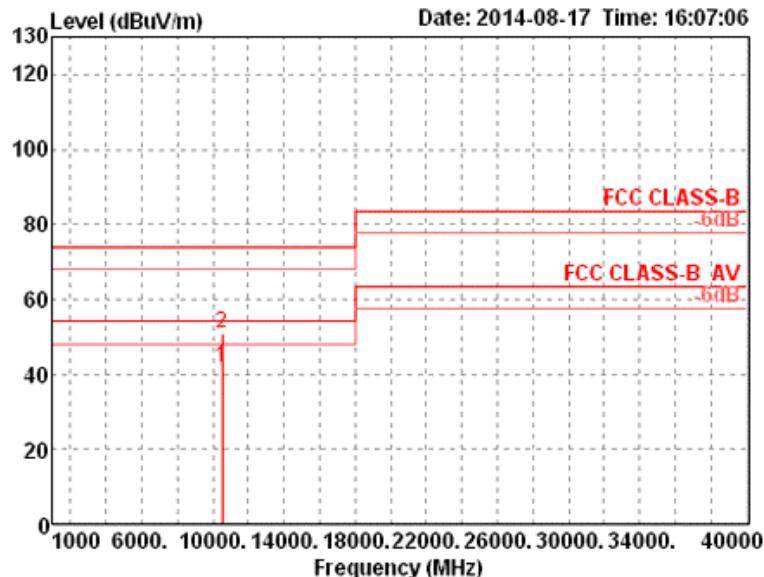
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV	dB						
1	10479.10	53.93	74.00	-20.07	45.34	5.00	38.91	35.32	Peak			148	315	HORIZONTAL
2	10480.70	43.09	54.00	-10.91	34.50	5.00	38.91	35.32	Average			148	315	HORIZONTAL

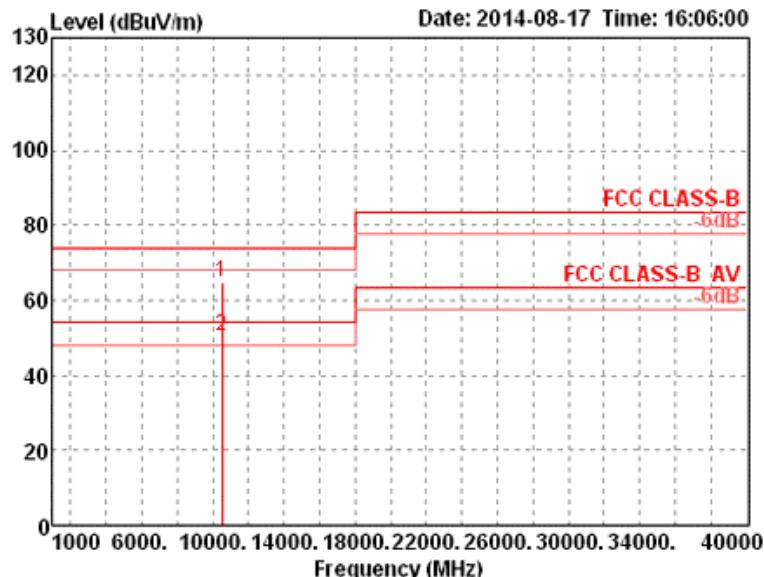
Vertical


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m	dB			dBuV	dB	dB						
MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB/m	dB	cm	deg				
1 10479.10	63.85	74.00	-10.15	55.26	5.00	38.91	35.32	Peak		153	140	VERTICAL			
2 10484.00	49.79	54.00	-4.21	41.20	5.00	38.91	35.32	Average		153	140	VERTICAL			

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 52 / Chain 1 + Chain 2

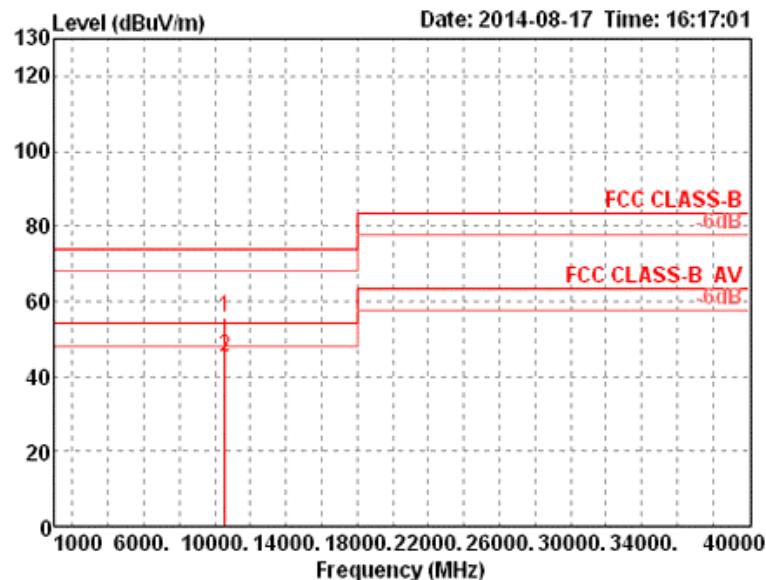
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV	dB						
1	10520.90	41.95	54.00	-12.05	33.34	5.01	38.90	35.30	Average			140	109	HORIZONTAL
2	10527.40	50.75	74.00	-23.25	42.12	5.01	38.90	35.28	Peak			140	109	HORIZONTAL

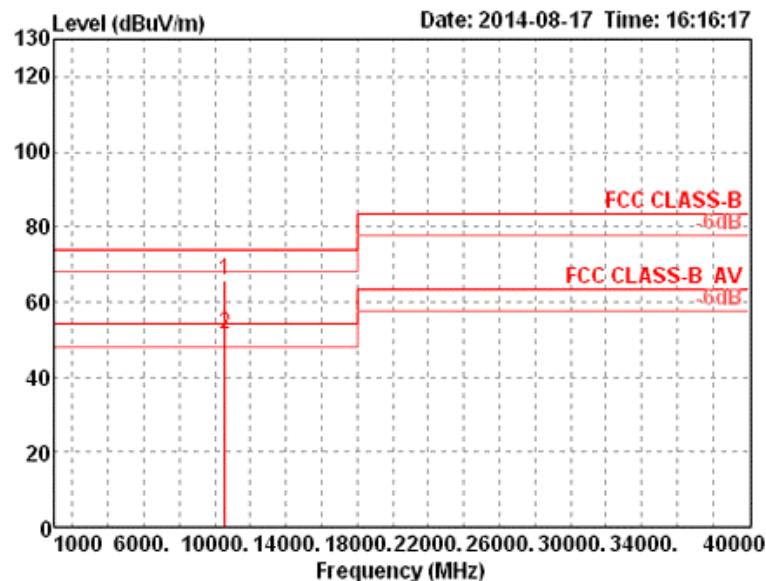
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10519.20	64.76	74.00	-9.24	56.15	5.01	38.90	35.30	Peak	148	63	VERTICAL
2	10519.70	50.44	54.00	-3.56	41.83	5.01	38.90	35.30	Average	148	63	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 60 / Chain 1 + Chain 2

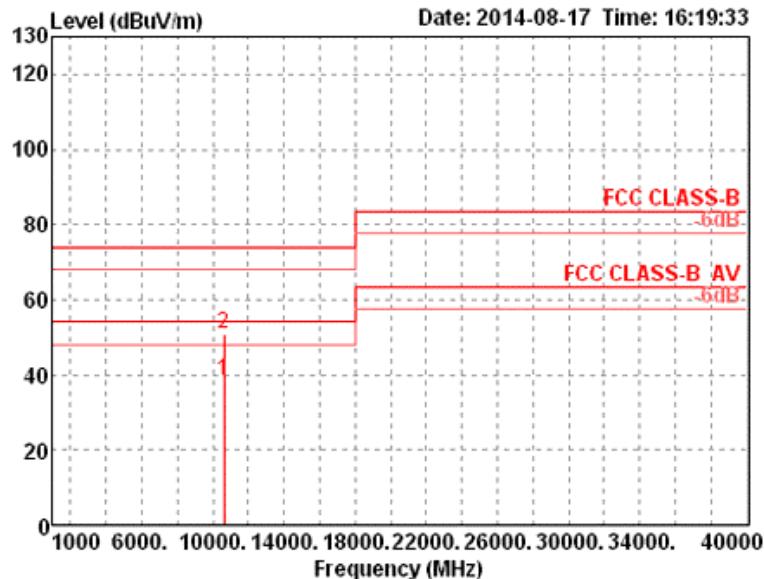
Horizontal


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m	dB			dB	dB	dB/m					
1	10598.02	55.76	74.00	-18.24	47.08	5.01	38.92	35.25	Peak			149	259	HORIZONTAL
2	10600.72	45.15	54.00	-8.85	36.47	5.01	38.92	35.25	Average			149	259	HORIZONTAL

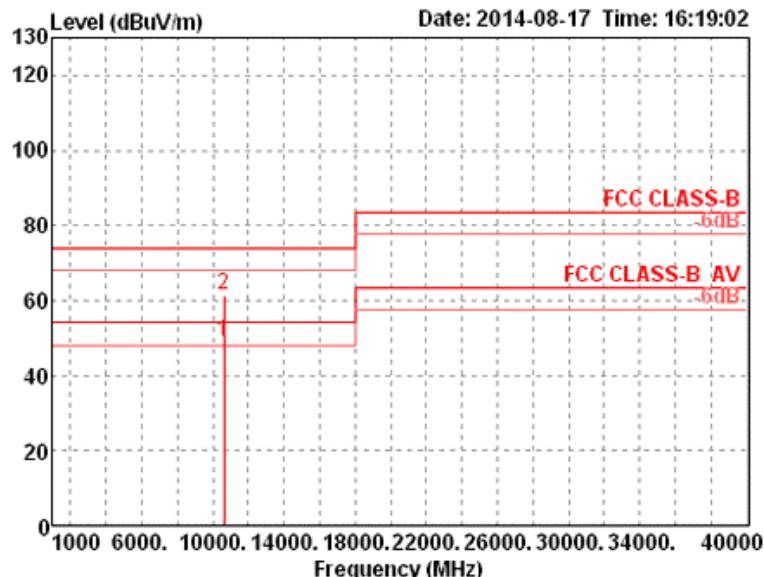
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB	cm	deg		
1	10598.92	65.75	74.00	-8.25	57.07	5.01	38.92	35.25	Peak	149	142	VERTICAL
2	10599.76	51.11	54.00	-2.89	42.43	5.01	38.92	35.25	Average	149	142	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 64 / Chain 1 + Chain 2

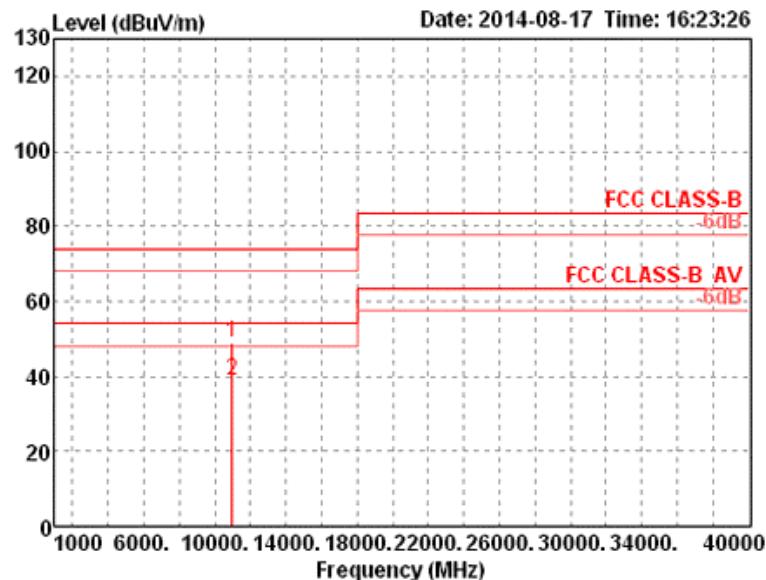
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV		dB				
1	10638.14	38.25	54.00	-15.75	29.53	5.01	38.93	35.22	Average		142	92	HORIZONTAL
2	10638.32	50.62	74.00	-23.38	41.90	5.01	38.93	35.22	Peak		142	92	HORIZONTAL

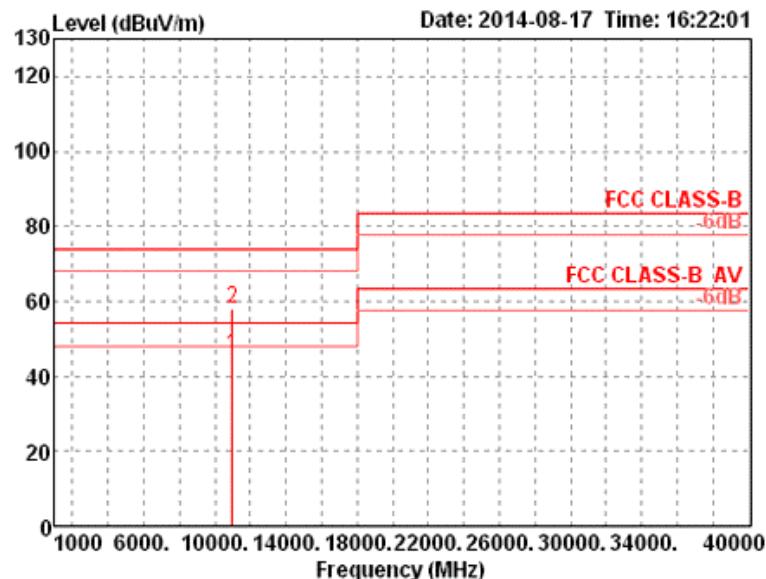
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB							cm	deg	
1 10639.64	49.16	54.00	-4.84	40.44	5.01	38.93	35.22	Average		141	64	VERTICAL
2 10640.48	61.31	74.00	-12.69	52.59	5.01	38.93	35.22	Peak		141	64	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 100 / Chain 1 + Chain 2

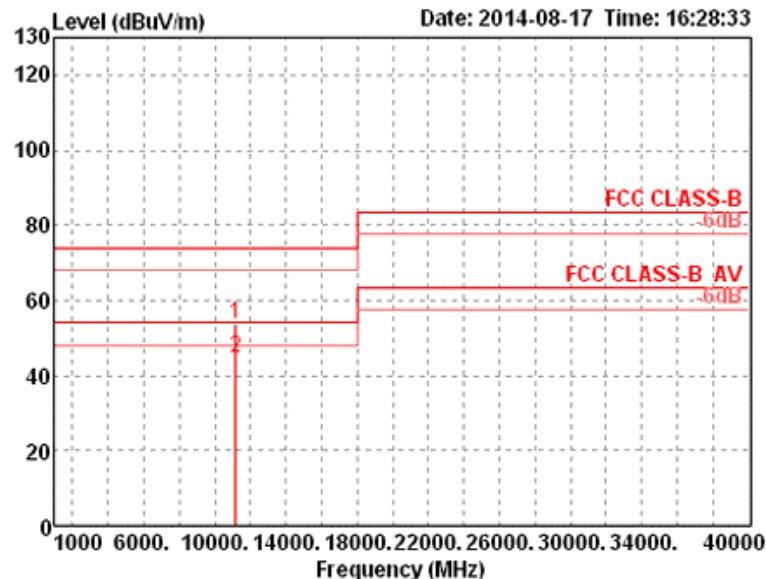
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV	dB			
1	10991.36	48.97	74.00	-25.03	39.94	5.01	39.00	34.98	Peak	156	159 HORIZONTAL
2	11001.38	38.71	54.00	-15.29	29.68	5.01	39.00	34.98	Average	156	159 HORIZONTAL

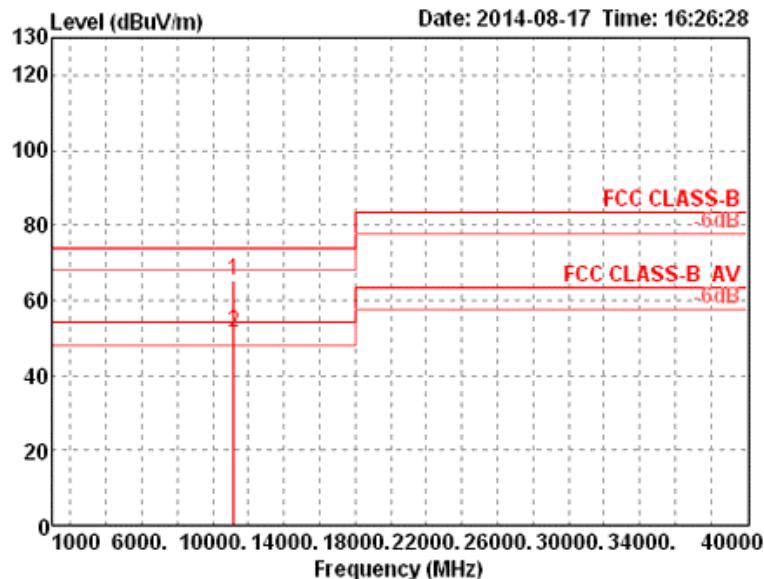
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB		cm	deg	
1	10999.70	45.80	54.00	-8.20	36.77	5.01	39.00	34.98	Average	150	145	VERTICAL
2	11000.66	58.02	74.00	-15.98	48.99	5.01	39.00	34.98	Peak	150	145	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 116 / Chain 1 + Chain 2

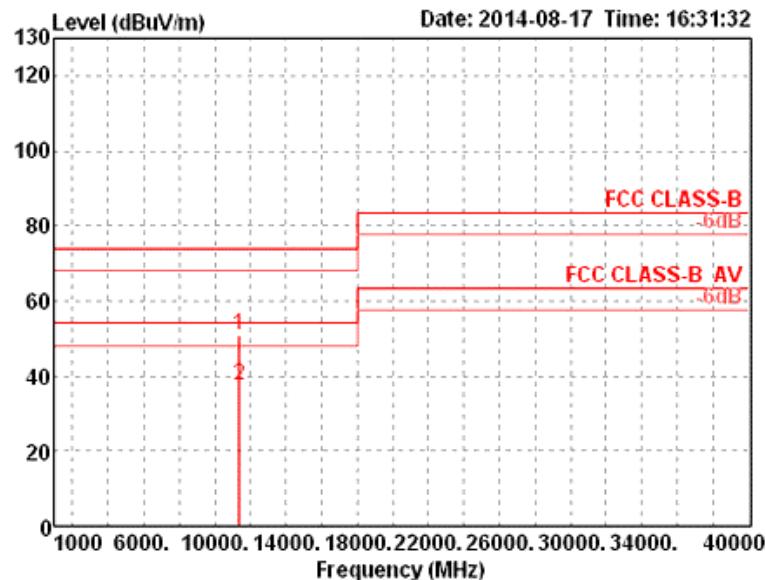
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			
1	11160.60	53.90	74.00	-20.10	44.73	5.04	39.13	35.00	Peak	167	134	HORIZONTAL
2	11160.72	44.46	54.00	-9.54	35.29	5.04	39.13	35.00	Average	167	134	HORIZONTAL

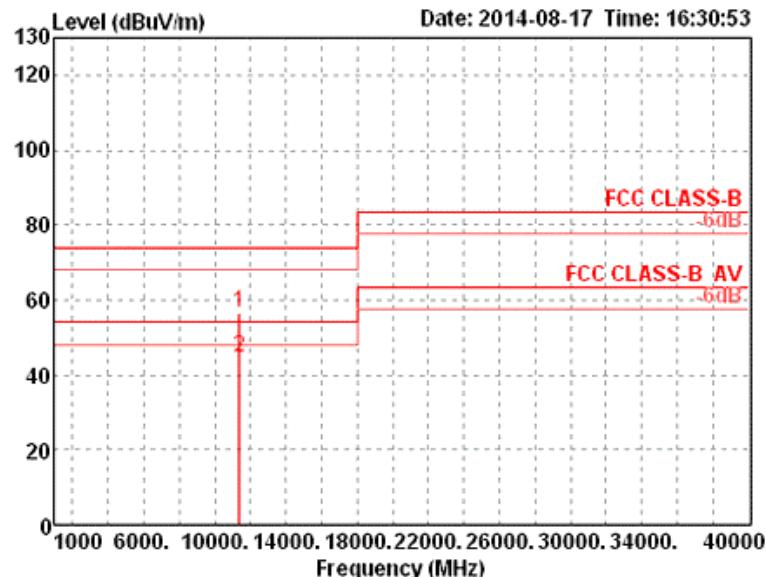
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB		cm	deg	
1 11162.40	65.41	74.00	-8.59	56.23	5.05	39.13	35.00	Peak		149	139	VERTICAL
2 11162.82	51.15	54.00	-2.85	41.97	5.05	39.13	35.00	Average		149	139	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 140 / Chain 1 + Chain 2

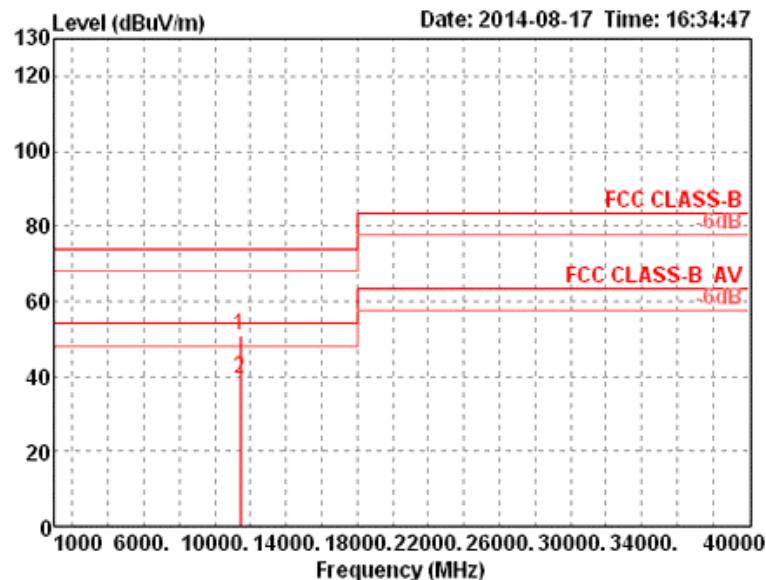
Horizontal


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Antenna	Preamp						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11402.52	50.73	74.00	-23.27	41.35	5.10	39.32	35.04	Peak	157	60	HORIZONTAL	
2	11402.58	37.30	54.00	-16.70	27.92	5.10	39.32	35.04	Average	157	60	HORIZONTAL	

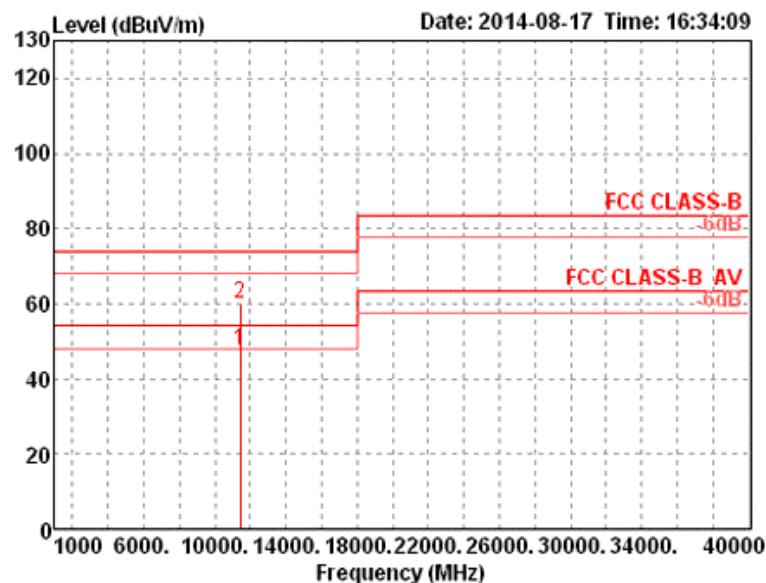
Vertical


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1	11397.24	56.63	74.00	-17.37	47.25	5.10	39.32	35.04	Peak	149	140	VERTICAL
2	11397.78	44.51	54.00	-9.49	35.13	5.10	39.32	35.04	Average	149	140	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 144 / Chain 1 + Chain 2

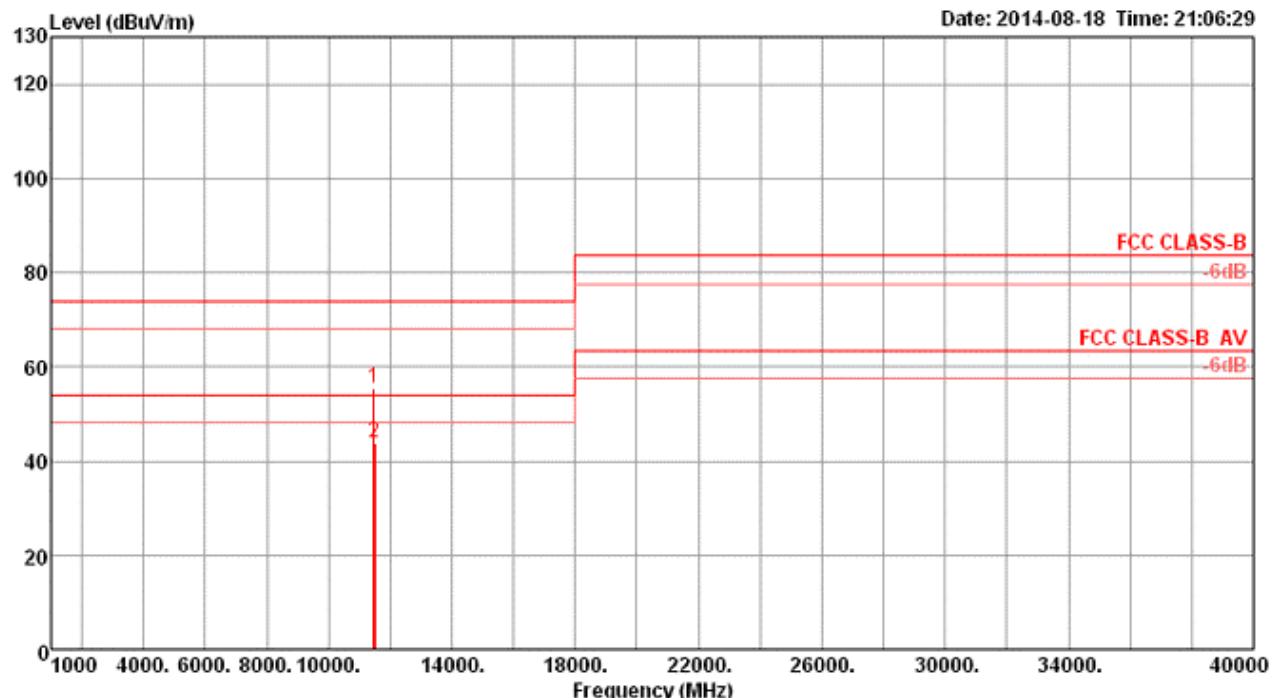
Horizontal


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase	
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11441.74	50.66	74.00	-23.34	41.25	5.10	39.35	35.04	Peak	145	125	HORIZONTAL
2	11442.70	39.17	54.00	-14.83	29.75	5.11	39.35	35.04	Average	145	125	HORIZONTAL

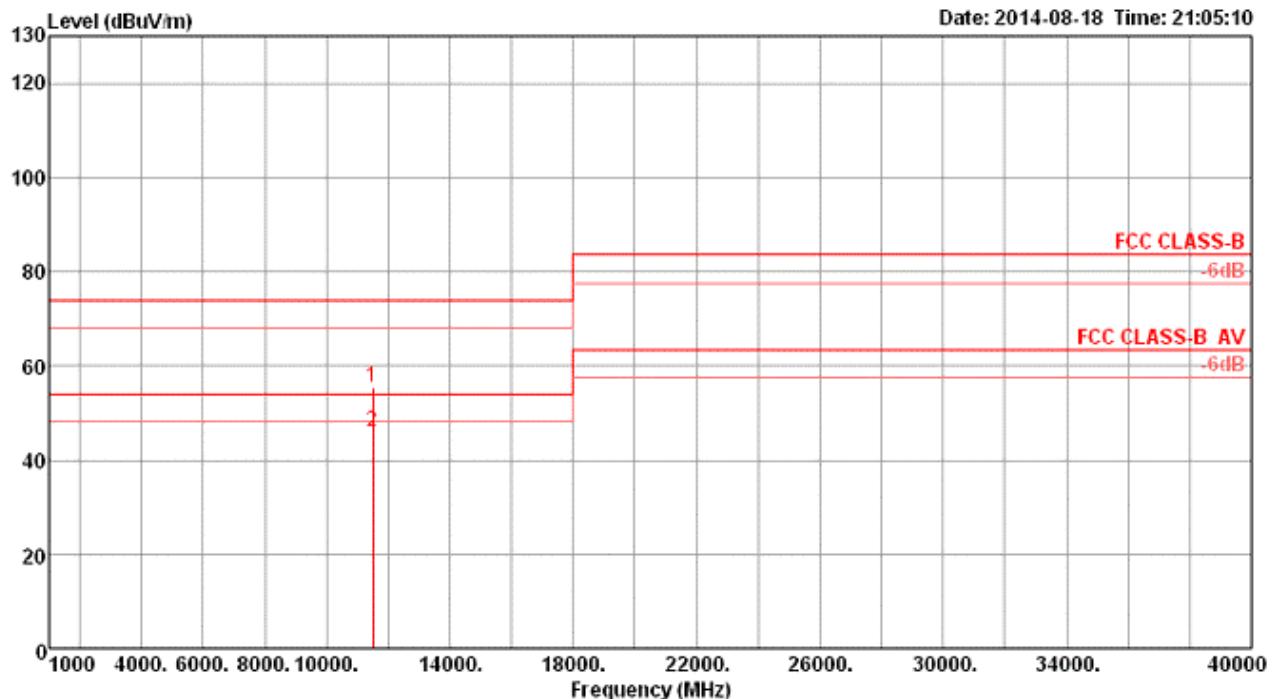
Vertical


Freq	Level	Limit	Over	Read	Cable			Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1	11437.78	47.62	54.00	-6.38	38.21	5.10	39.35	35.04	Average	145	141	VERTICAL
2	11442.52	59.81	74.00	-14.19	50.39	5.11	39.35	35.04	Peak	145	141	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 149 / Chain 1 + Chain 2

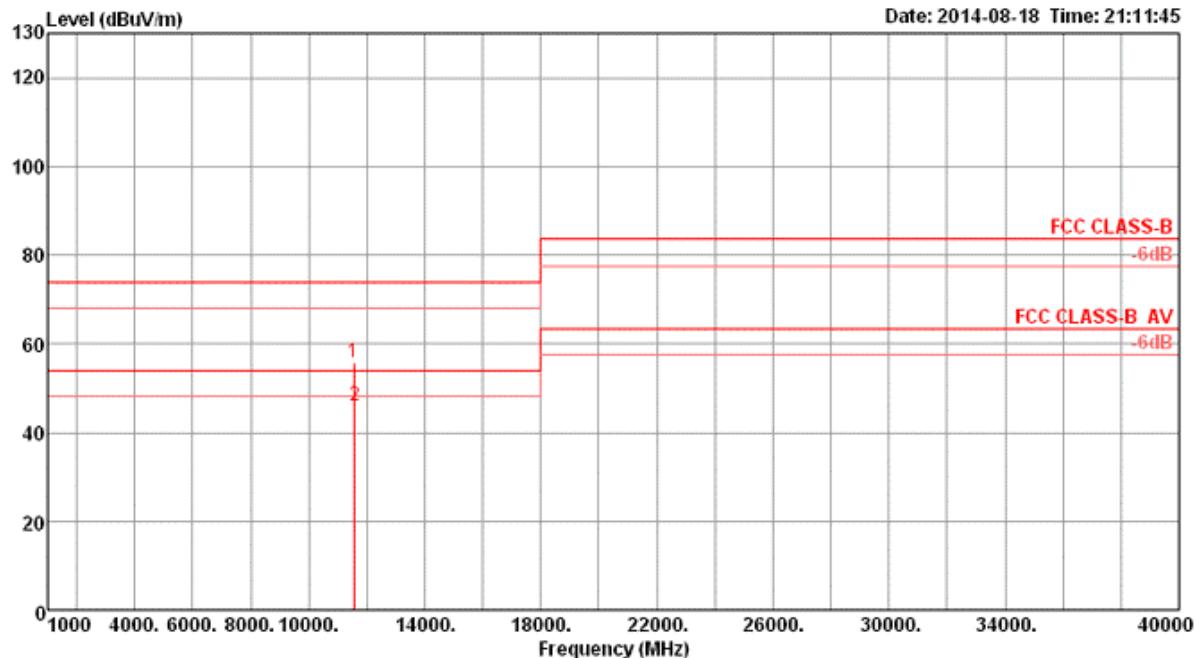
Horizontal


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor			
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg
1	11471.17	55.48	74.00	-18.52	41.83	9.23	39.50	35.08	Peak	150
2	11493.37	43.88	54.00	-10.12	30.22	9.24	39.50	35.08	Average	150

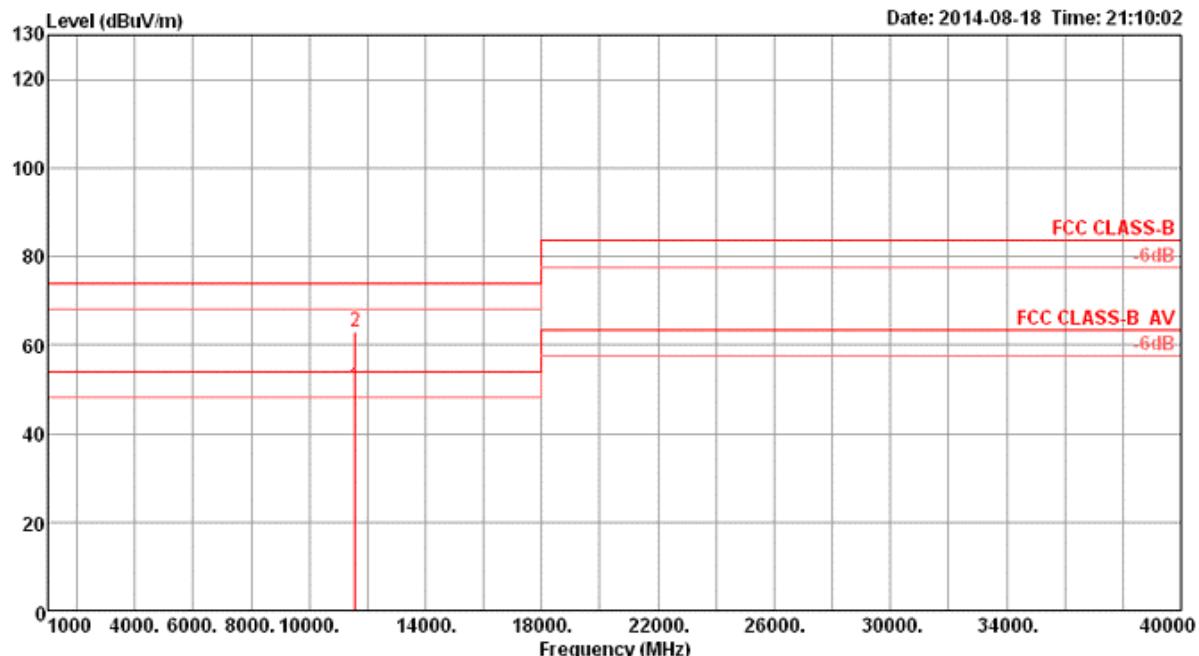
Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	cm	deg		
1	11489.12	55.27	74.00	-18.73	41.61	9.24	39.50	35.08	Peak	150	251	VERTICAL
2	11492.00	46.08	54.00	-7.92	32.42	9.24	39.50	35.08	Average	150	251	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 157 / Chain 1 + Chain 2

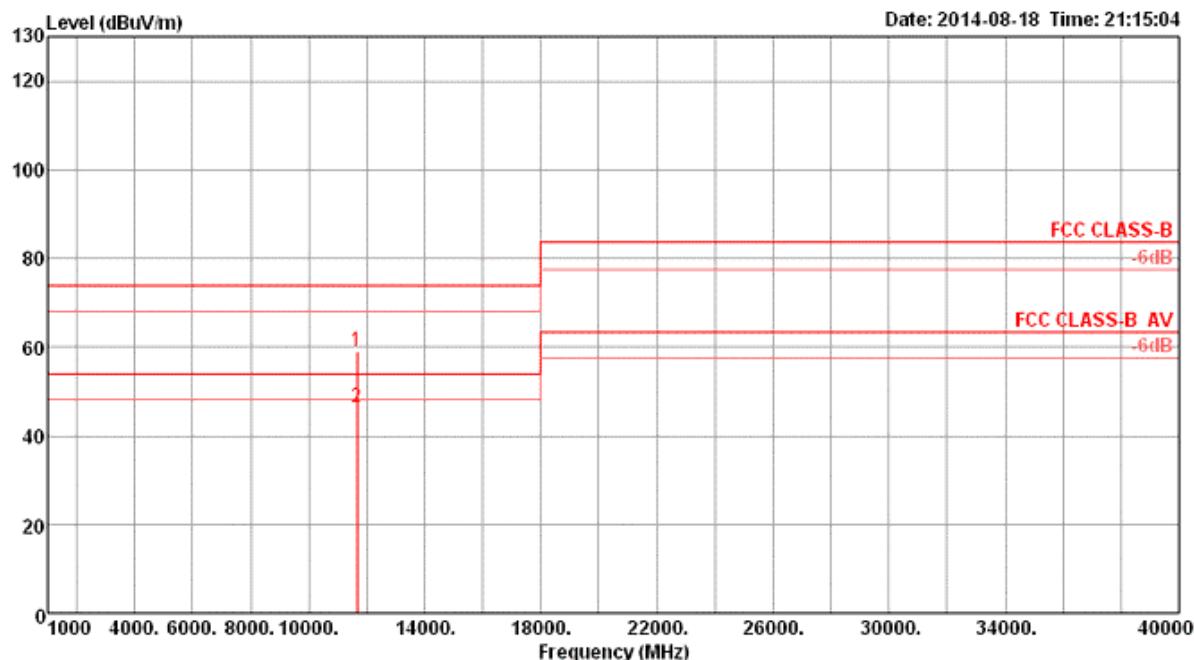
Horizontal


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1 11547.16	55.62	74.00	-18.38	41.96	9.26	39.49	35.09	Peak	150	98 HORIZONTAL
2 11571.28	45.91	54.00	-8.09	32.27	9.26	39.47	35.09	Average	150	98 HORIZONTAL

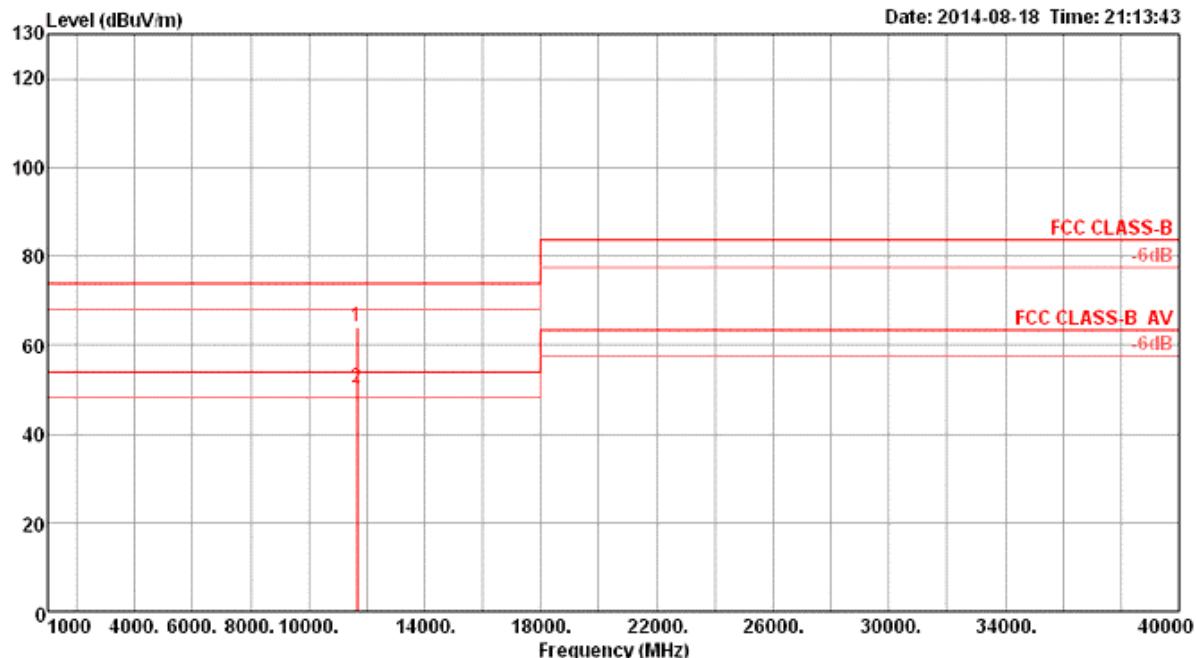
Vertical


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Antenna	Preamp						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11572.64	50.79	54.00	-3.21	37.14	9.26	39.47	35.08	Average	161	4	VERTICAL	
2	11572.64	63.16	74.00	-10.84	49.51	9.26	39.47	35.08	Peak	161	4	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 165 / Chain 1 + Chain 2

Horizontal


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase	
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11650.72	59.00	74.00	-15.00	45.35	9.28	39.44	35.07	Peak	150	229 HORIZONTAL
2	11651.20	46.21	54.00	-7.79	32.56	9.28	39.44	35.07	Average	150	229 HORIZONTAL

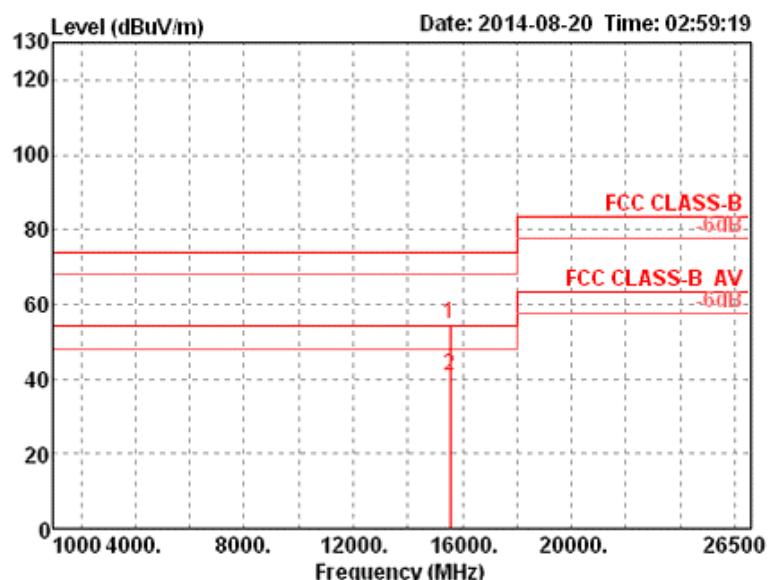
Vertical


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11650.40	64.02	74.00	-9.98	50.37	9.28	39.44	35.07 Peak	150	228	VERTICAL
2	11650.56	50.36	54.00	-3.64	36.71	9.28	39.44	35.07 Average	150	228	VERTICAL

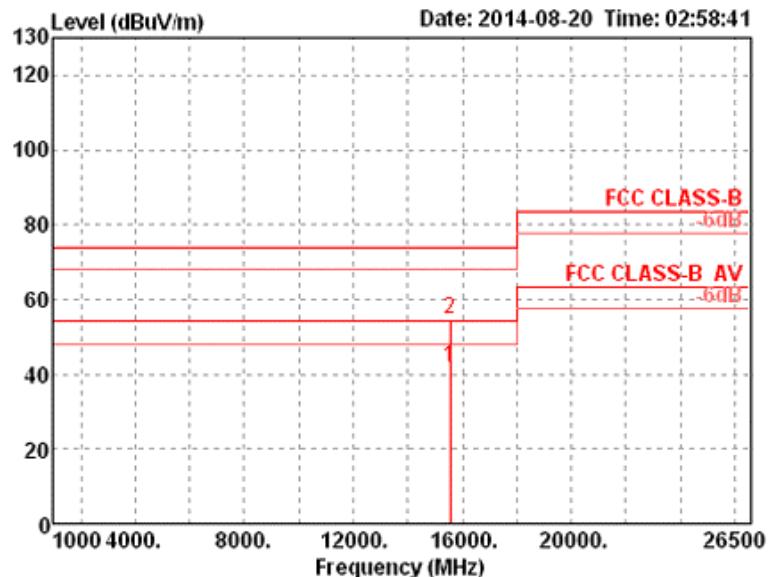
For Beamforming function:

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2

Horizontal



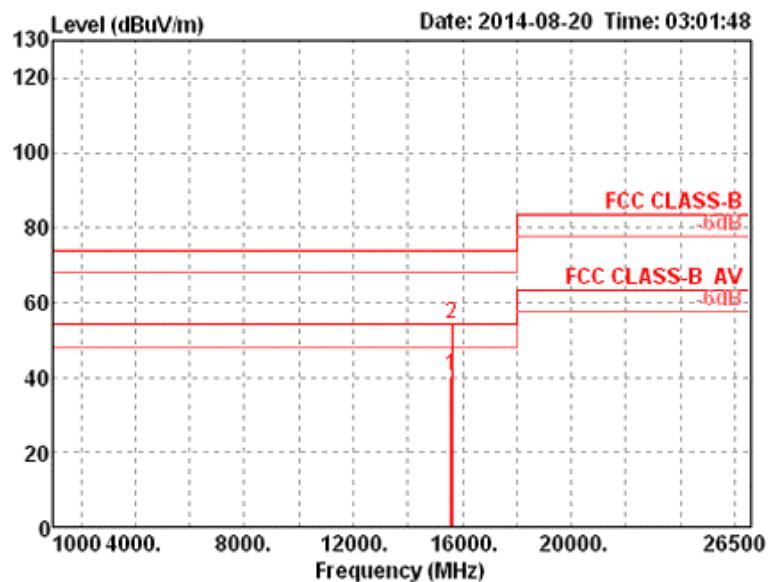
Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15537.60	54.67	74.00	-19.33	45.26	6.13	38.45	35.17 Peak	100	176	HORIZONTAL
2	15543.32	40.89	54.00	-13.11	31.48	6.13	38.45	35.17 Average	100	176	HORIZONTAL

Vertical


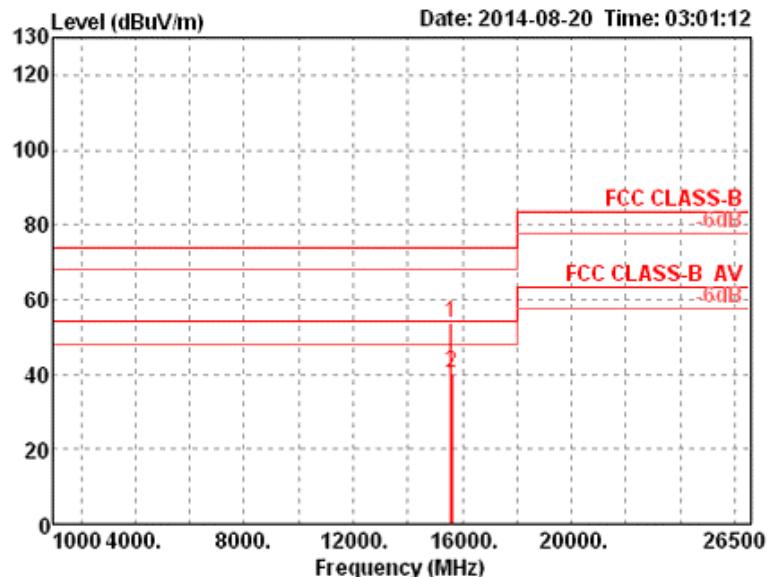
Freq	Level	Limit			Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	cm	deg		
1	15535.88	41.66	54.00	-12.34	32.25	6.13	38.45	35.17	Average	100	359	VERTICAL
2	15543.82	54.55	74.00	-19.45	45.16	6.13	38.43	35.17	Peak	100	359	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2

Horizontal



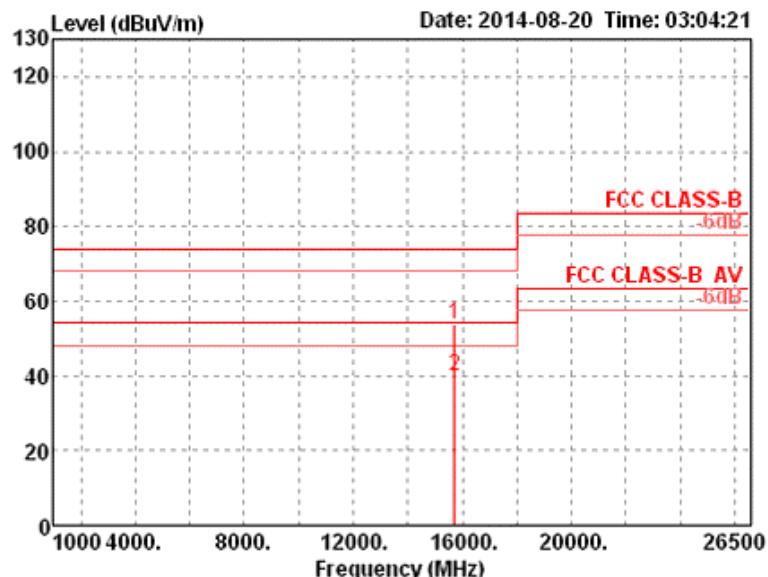
Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m		dB			dB	dB	dB/m	dB		cm	deg
1	15595.40	40.28	54.00	-13.72	30.97	6.13	38.36	35.18	Average		100	196	HORIZONTAL
2	15604.78	54.05	74.00	-19.95	44.75	6.13	38.36	35.19	Peak		100	196	HORIZONTAL

Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m				
1	15597.58	53.70	74.00	-20.30	44.39	6.13	38.36	35.18	Peak	100	47	VERTICAL
2	15601.44	40.49	54.00	-13.51	31.19	6.13	38.36	35.19	Average	100	47	VERTICAL

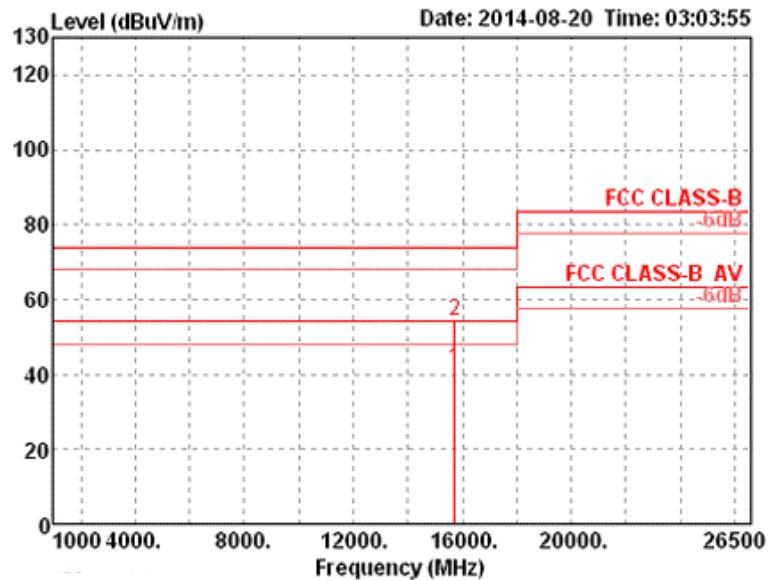
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2

Horizontal



Freq	Level	Limit	Over	Read	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15715.92	53.63	74.00	-20.37	44.51	6.14	38.19	35.21	Peak	100	248 HORIZONTAL
2	15720.62	40.03	54.00	-13.97	30.91	6.14	38.19	35.21	Average	100	248 HORIZONTAL

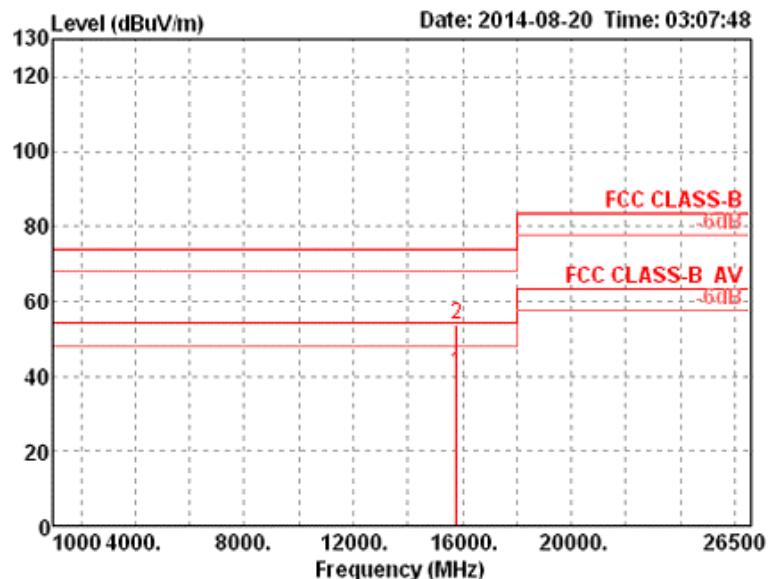
Vertical



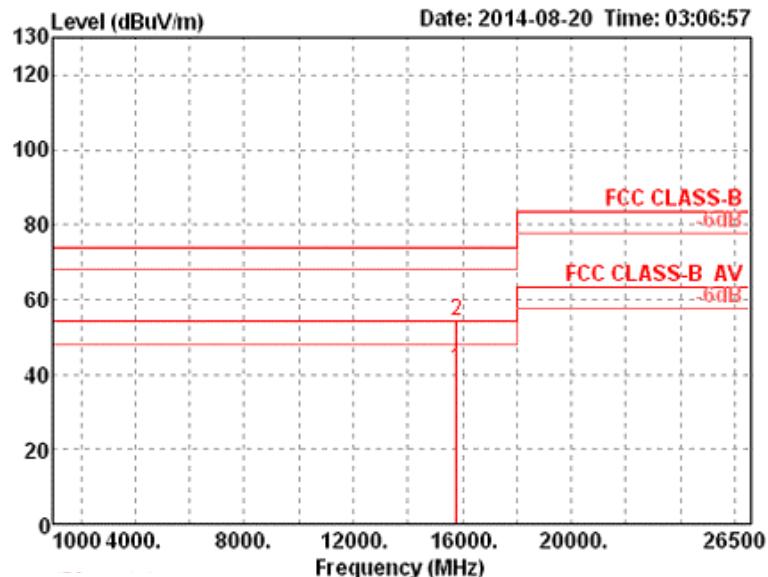
Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	15719.50	41.24	54.00	-12.76	32.12	6.14	38.19	35.21	Average		100	331	VERTICAL
2	15721.30	54.20	74.00	-19.80	45.08	6.14	38.19	35.21	Peak		100	331	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2

Horizontal



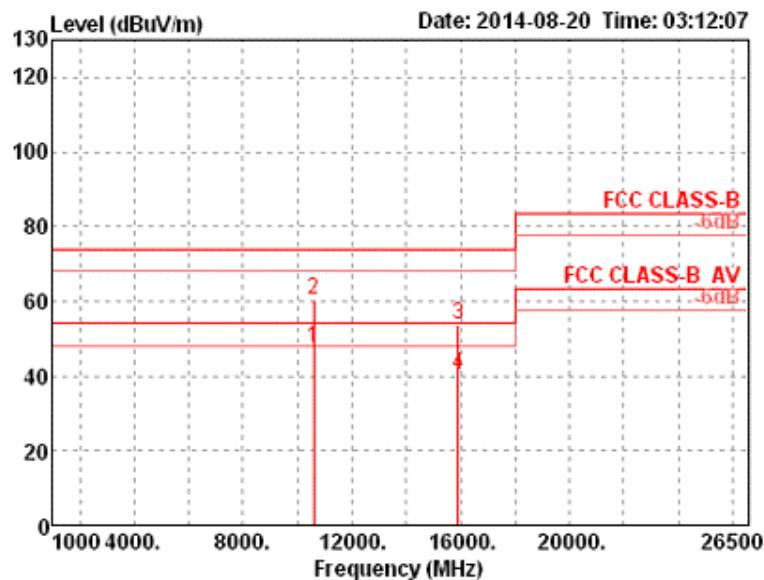
Freq	Level	Limit			Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	dB		cm	deg	
1	15775.12	40.69	54.00	-13.31	31.67	6.14	38.11	35.23	Average		100	305	HORIZONTAL
2	15777.16	53.77	74.00	-20.23	44.75	6.14	38.11	35.23	Peak		100	305	HORIZONTAL

Vertical


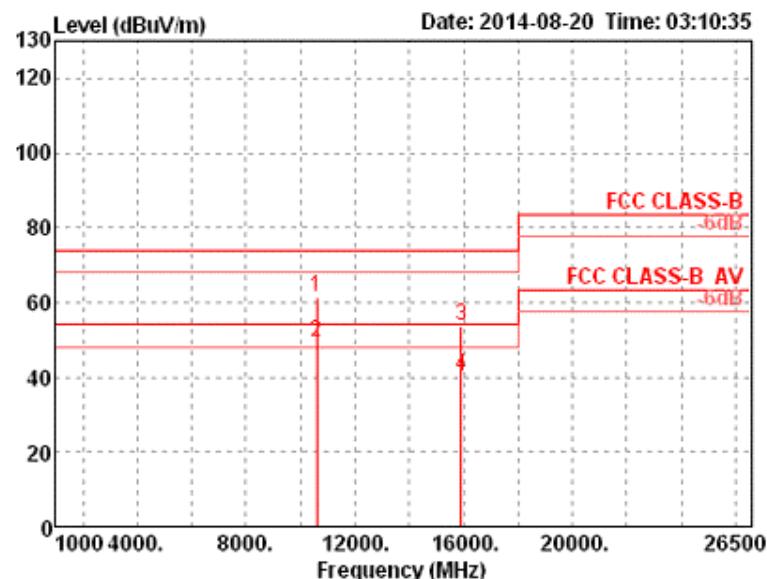
Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	15776.94	41.10	54.00	-12.90	32.08	6.14	38.11	35.23	Average		100	27	VERTICAL
2	15777.34	53.99	74.00	-20.01	44.98	6.14	38.11	35.24	Peak		100	27	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2

Horizontal



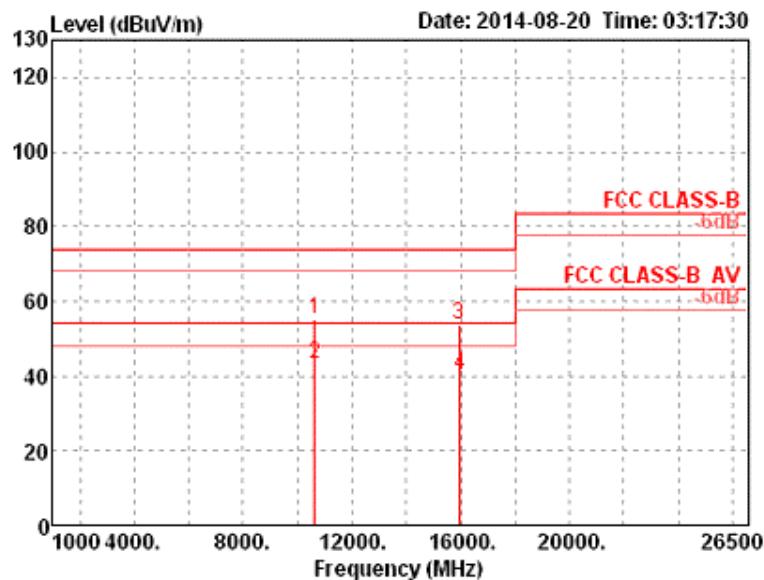
Freq	Level	Limit		Over Limit	Read Level	Cable Antenna			Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m					
MHz	dBuV/m	dBuV/m	dB								cm	deg	
1	10595.30	47.33	54.00	-6.67	38.65	5.01	38.92	35.25	Average		100	242	HORIZONTAL
2	10597.54	60.47	74.00	-13.53	51.79	5.01	38.92	35.25	Peak		100	242	HORIZONTAL
3	15902.02	53.82	74.00	-20.18	45.01	6.15	37.92	35.26	Peak		100	205	HORIZONTAL
4	15902.84	40.24	54.00	-13.76	31.43	6.15	37.92	35.26	Average		100	205	HORIZONTAL

Vertical


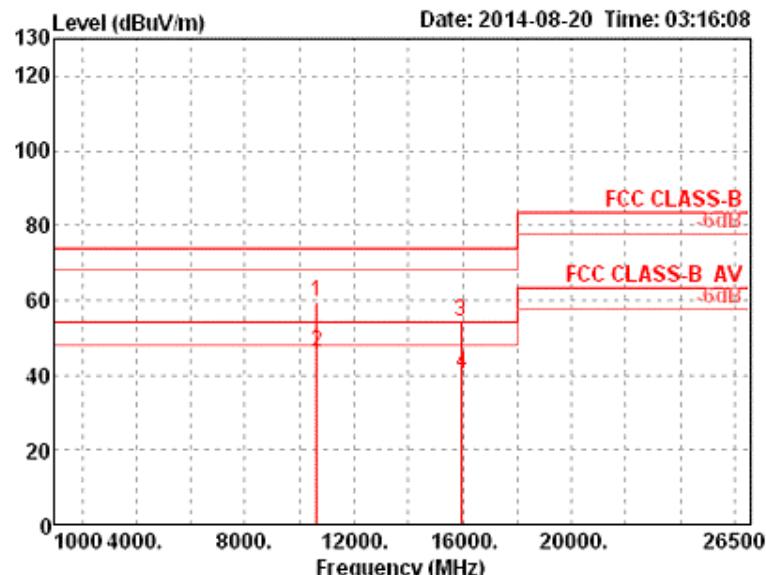
Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m		dB	dBuV		dB	dB/m	dB	cm	deg	
1 10599.88	61.36	74.00	-12.64	52.68	5.01	38.92	35.25	Peak		100	44	VERTICAL
2 10601.44	49.27	54.00	-4.73	40.57	5.01	38.92	35.23	Average		100	44	VERTICAL
3 15896.48	53.60	74.00	-20.40	44.77	6.15	37.94	35.26	Peak		100	167	VERTICAL
4 15902.98	40.29	54.00	-13.71	31.48	6.15	37.92	35.26	Average		100	167	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2

Horizontal

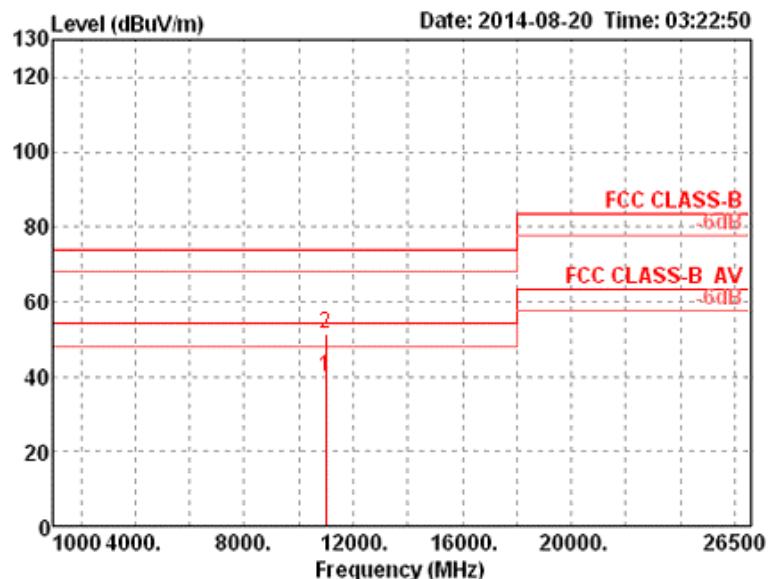


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna			Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m					
1	10638.70	55.15	74.00	-18.85	46.43	5.01	38.93	35.22	Peak		100	200	HORIZONTAL
2	10640.36	43.04	54.00	-10.96	34.32	5.01	38.93	35.22	Average		100	200	HORIZONTAL
3	15960.54	53.60	74.00	-20.40	44.88	6.15	37.85	35.28	Peak		100	332	HORIZONTAL
4	15964.70	40.36	54.00	-13.64	31.64	6.15	37.85	35.28	Average		100	332	HORIZONTAL

Vertical


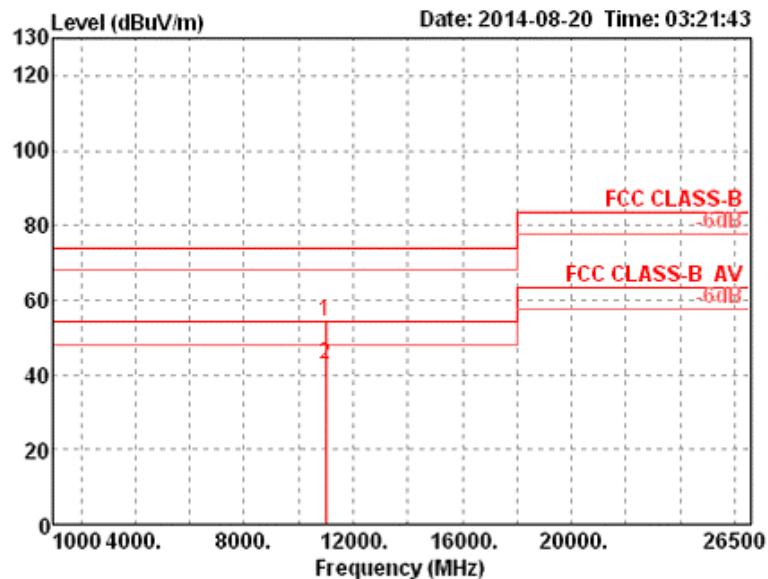
Freq	Level	Limit		Over Limit	Read Level	Cable Antenna			Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV	dB					
MHz	dBuV/m										cm	deg	
1 10636.40	59.32	74.00	-14.68	50.60	5.01	38.93	35.22	Peak		100	302	VERTICAL	
2 10639.54	46.15	54.00	-7.85	37.43	5.01	38.93	35.22	Average		100	302	VERTICAL	
3 15956.94	54.19	74.00	-19.81	45.47	6.15	37.85	35.28	Peak		100	258	VERTICAL	
4 15964.20	40.13	54.00	-13.87	31.41	6.15	37.85	35.28	Average		100	258	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2

Horizontal


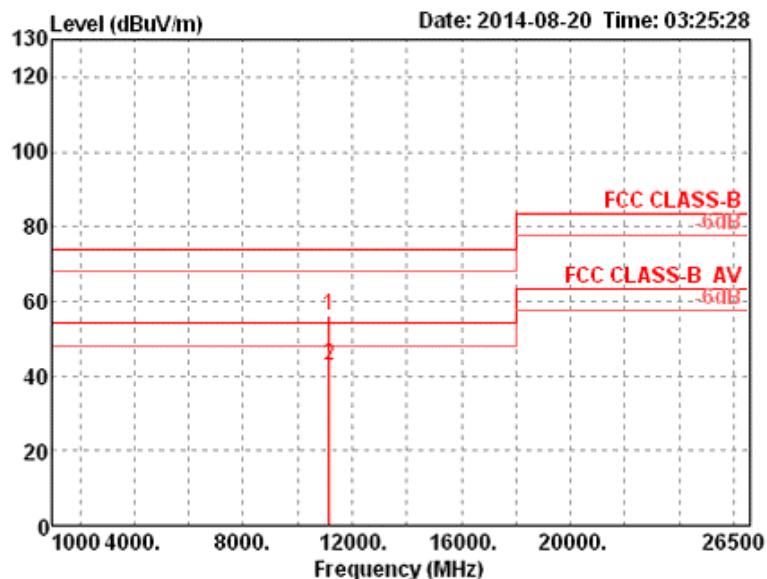
Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
		Line	dB	dBuV			Loss	Factor	dB/m							
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB	dB	cm	deg						
1	11003.18	39.72	54.00	-14.28	30.69	5.01	39.00	34.98	Average	100	334	HORIZONTAL				
2	11003.94	51.41	74.00	-22.59	42.38	5.01	39.00	34.98	Peak	100	334	HORIZONTAL				

Vertical

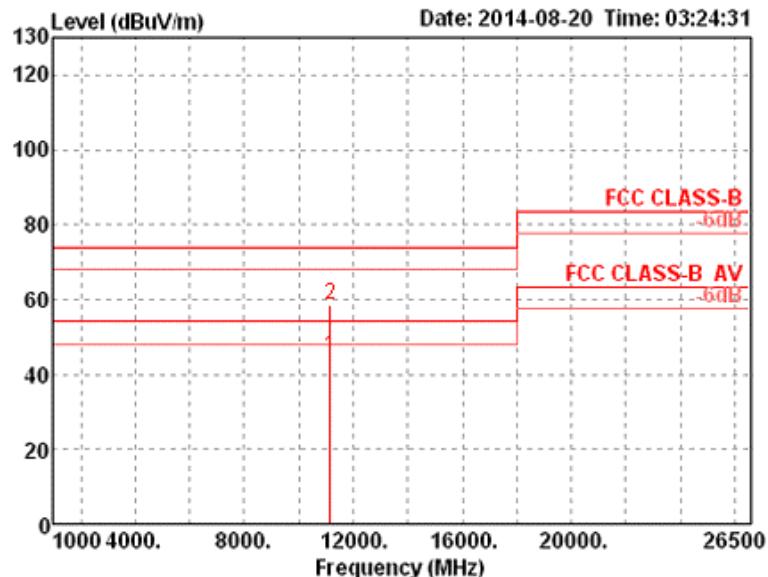


Freq	Level	Limit	Over Line	Read Limit	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Factor	Factor						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	10996.88	54.07	74.00	-19.93	45.04	5.01	39.00	34.98	Peak	100	59	VERTICAL	
2	10999.16	42.47	54.00	-11.53	33.44	5.01	39.00	34.98	Average	100	59	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2

Horizontal


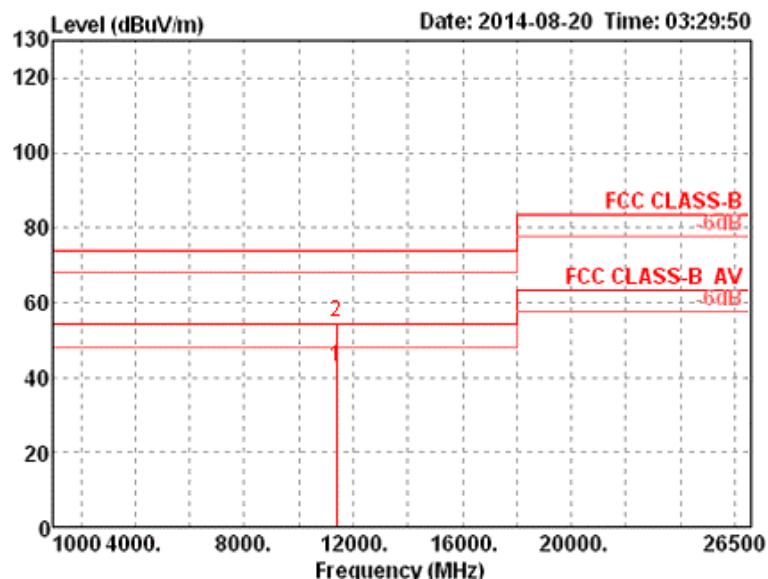
Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1 11156.68	55.95	74.00	-18.05	46.79	5.04	39.12	35.00	Peak	100	238	HORIZONTAL
2 11162.50	42.90	54.00	-11.10	33.72	5.05	39.13	35.00	Average	100	238	HORIZONTAL

Vertical


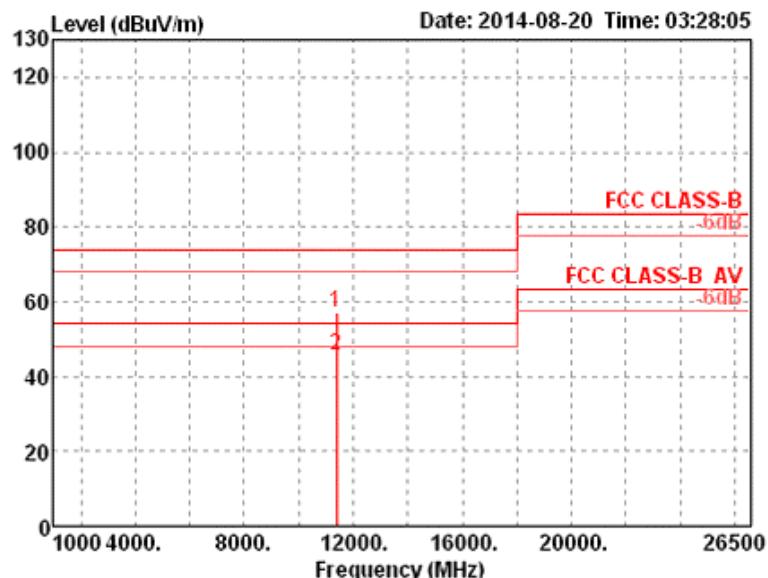
Freq	Level	Limit			Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit							
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	dB	cm	deg	
1	11159.84	44.84	54.00	-9.16	35.67	5.04	39.13	35.00	Average	100	53 VERTICAL
2	11162.46	58.35	74.00	-15.65	49.17	5.05	39.13	35.00	Peak	100	53 VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2

Horizontal

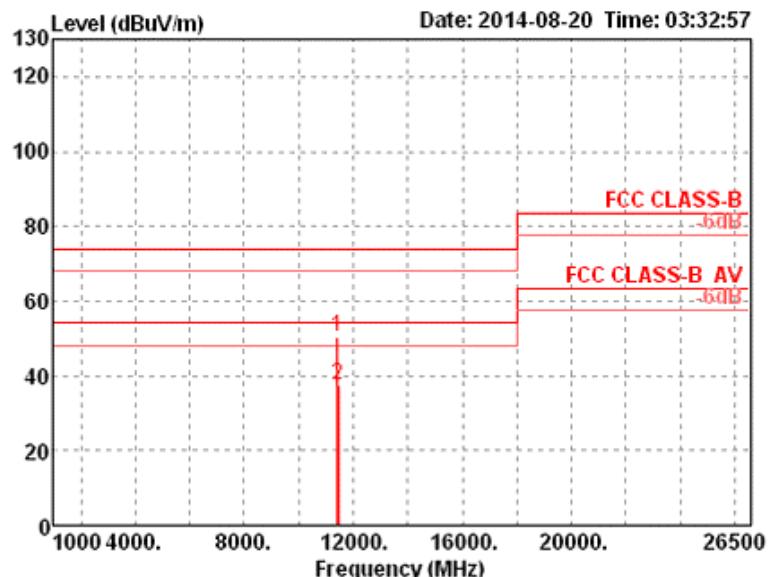


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m		dB			dB	dB	dB/m	dB		cm	deg
1 11398.18	42.80	54.00	-11.20	33.42	5.10	39.32	35.04	Average			100	239	HORIZONTAL
2 11399.02	54.53	74.00	-19.47	45.15	5.10	39.32	35.04	Peak			100	239	HORIZONTAL

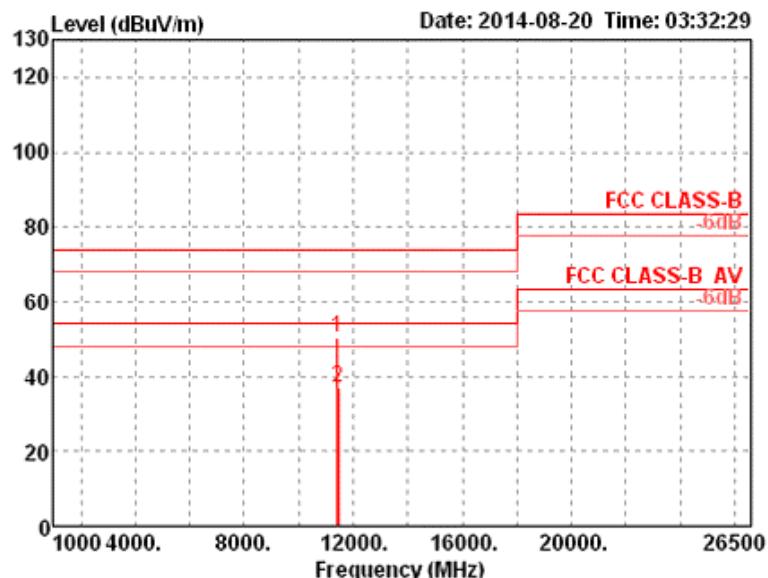
Vertical


Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11395.74	56.90	74.00	-17.10	47.52	5.10	39.32	35.04	Peak	100	354	VERTICAL	
2	11399.62	45.54	54.00	-8.46	36.16	5.10	39.32	35.04	Average	100	354	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2

Horizontal


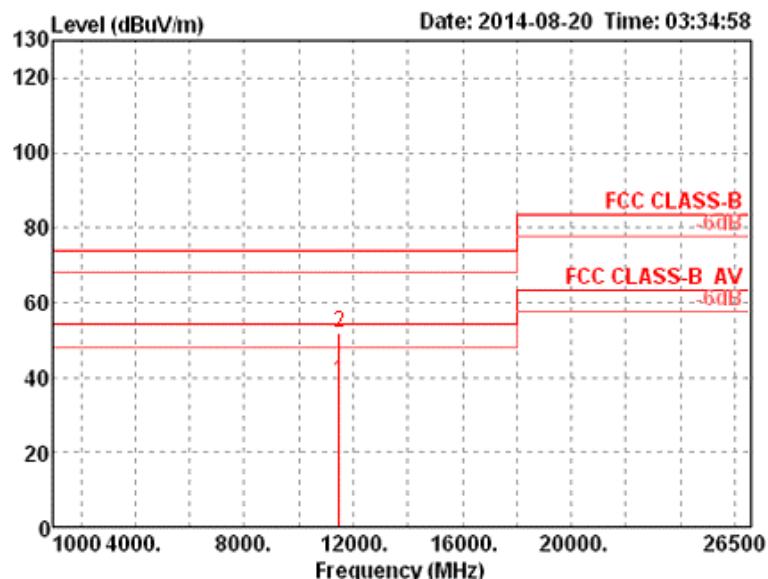
Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m				
MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB/m	cm	deg		
1 11436.62	50.36	74.00	-23.64	40.95	5.10	39.35	35.04	Peak	100	217	HORIZONTAL	
2 11444.94	37.21	54.00	-16.79	27.79	5.11	39.35	35.04	Average	100	217	HORIZONTAL	

Vertical


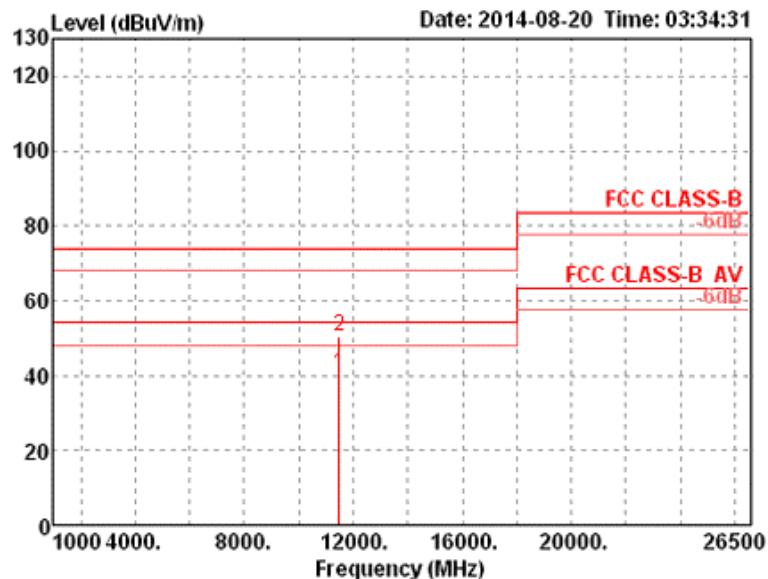
Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11437.10	50.41	74.00	-23.59	41.00	5.10	39.35	35.04	Peak	100	179	VERTICAL	
2	11444.16	37.03	54.00	-16.97	27.61	5.11	39.35	35.04	Average	100	179	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2

Horizontal

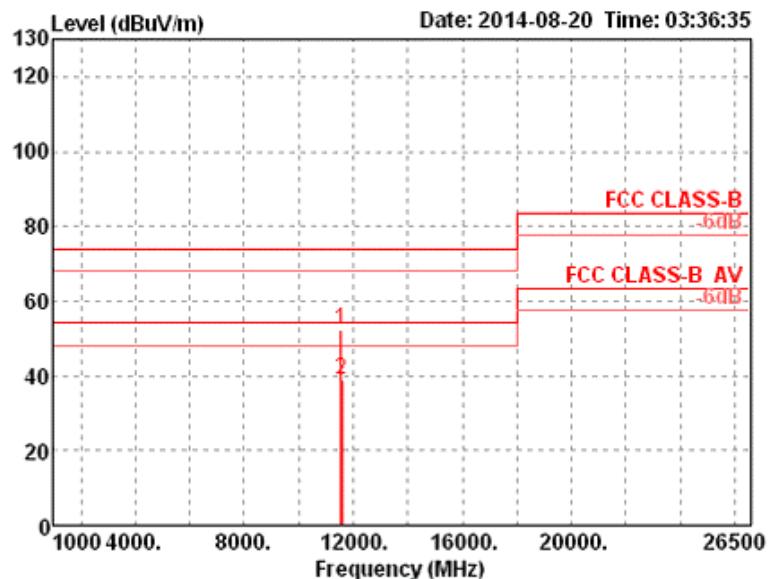


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m		dB			dB	dB	dB/m	dB		cm	deg
1 11490.56	38.73	54.00	-15.27	29.28	5.11	39.39	35.05	Average			100	103	HORIZONTAL
2 11491.36	51.71	74.00	-22.29	42.26	5.11	39.39	35.05	Peak			100	103	HORIZONTAL

Vertical


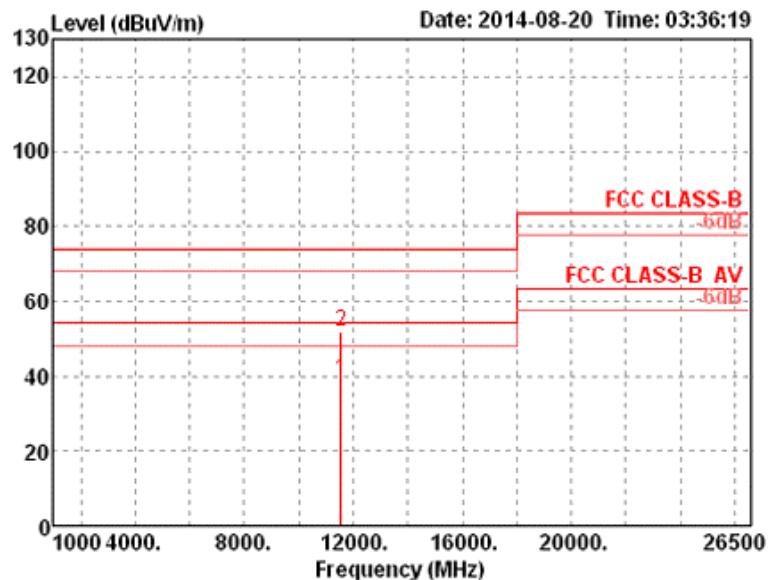
Freq	Level	Limit			Read	CableAntenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m			
MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB	cm	deg	
1	11488.86	40.49	54.00	-13.51	31.04	5.11	39.39	35.05	Average	100	25 VERTICAL
2	11492.26	50.56	74.00	-23.44	41.11	5.11	39.39	35.05	Peak	100	25 VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2

Horizontal


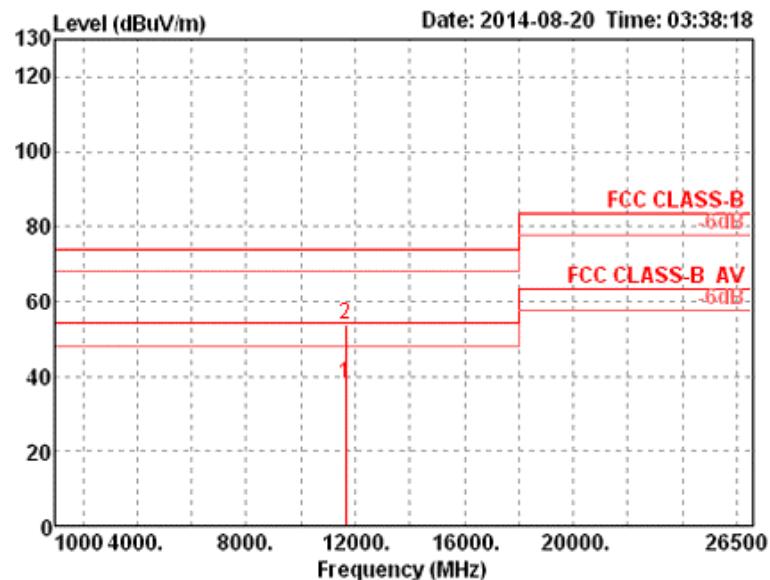
Freq	Level	Limit	Over	Read	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11570.88	52.34	74.00	-21.66	42.82	5.14	39.44	35.06	Peak	100	212 HORIZONTAL
2	11574.98	38.80	54.00	-15.20	29.28	5.14	39.44	35.06	Average	100	212 HORIZONTAL

Vertical



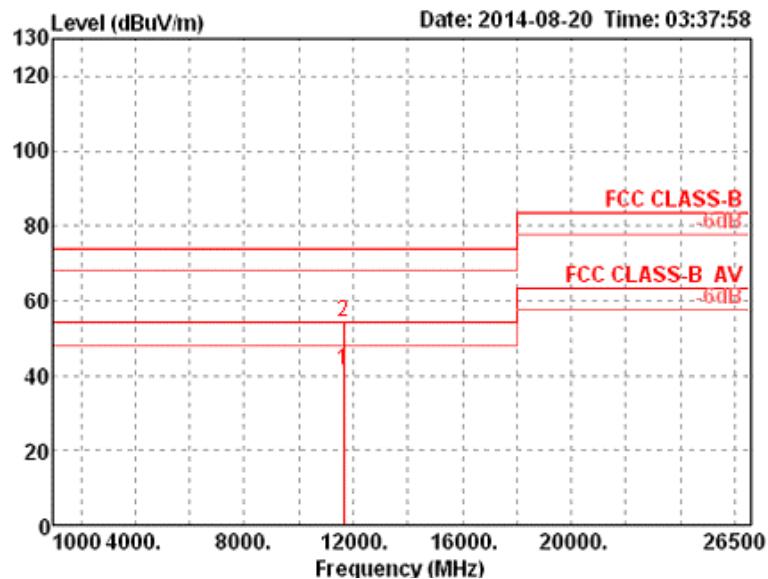
Freq	Level	Limit	Over	Read	Cable			Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11566.84	38.65	54.00	-15.35	29.14	5.13	39.44	35.06	Average	100	134 VERTICAL
2	11568.76	51.62	74.00	-22.38	42.11	5.13	39.44	35.06	Peak	100	134 VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2

Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB		cm	deg	
1	11652.78	37.95	54.00	-16.05	28.38	5.16	39.49	35.08	Average	100	280	HORIZONTAL
2	11653.24	53.71	74.00	-20.29	44.14	5.16	39.49	35.08	Peak	100	280	HORIZONTAL

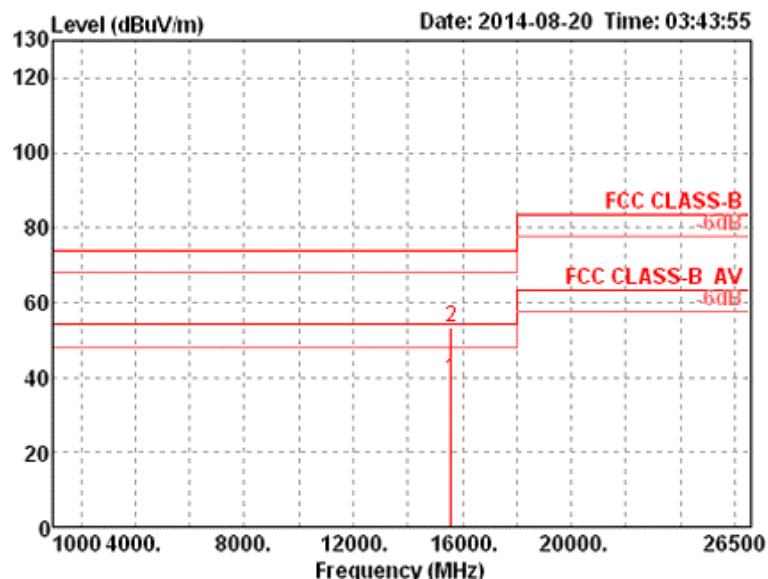
Vertical



Freq	Level	Limit			Read	CableAntenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m			
MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB	cm	deg	
1	11652.92	41.02	54.00	-12.98	31.45	5.16	39.49	35.08	Average	100	245 VERTICAL
2	11653.24	54.34	74.00	-19.66	44.77	5.16	39.49	35.08	Peak	100	245 VERTICAL

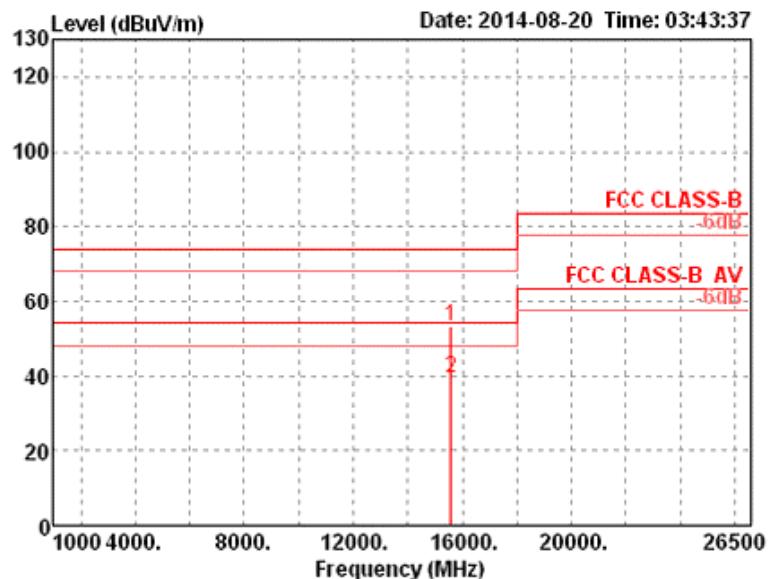
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2

Horizontal



Freq	Level	Limit	Over	Read	Cable			Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 15567.57	39.40	54.00	-14.60	30.04	6.13	38.40	35.17	Average		100	226	HORIZONTAL
2 15570.30	53.40	74.00	-20.60	44.04	6.13	38.40	35.17	Peak		100	226	HORIZONTAL

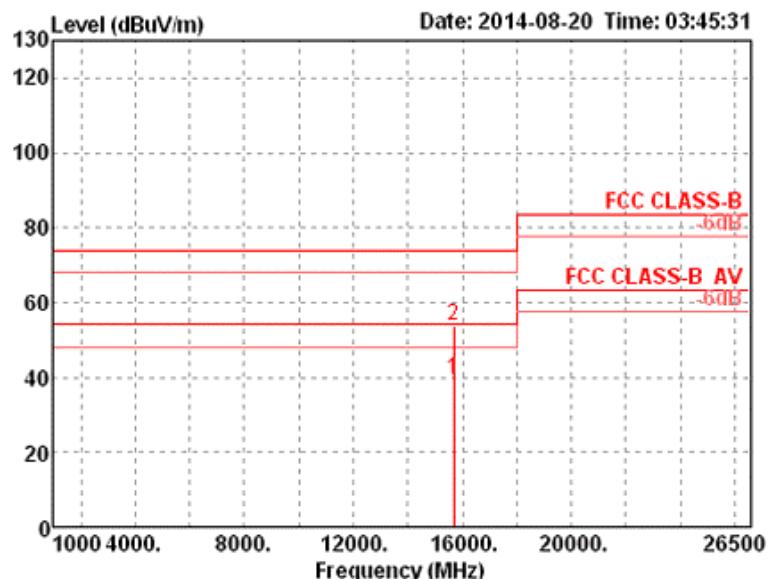
Vertical



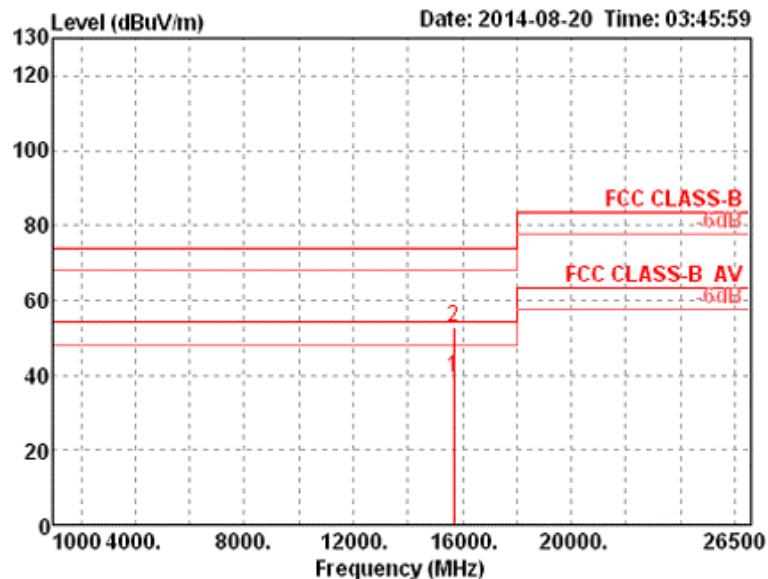
Freq	Level	Limit	Over Line	Read Limit	Cable			Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Factor	Factor						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	15568.58	53.08	74.00	-20.92	43.72	6.13	38.40	35.17	Peak	100	313	VERTICAL	
2	15571.37	39.38	54.00	-14.62	30.02	6.13	38.40	35.17	Average	100	313	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2

Horizontal

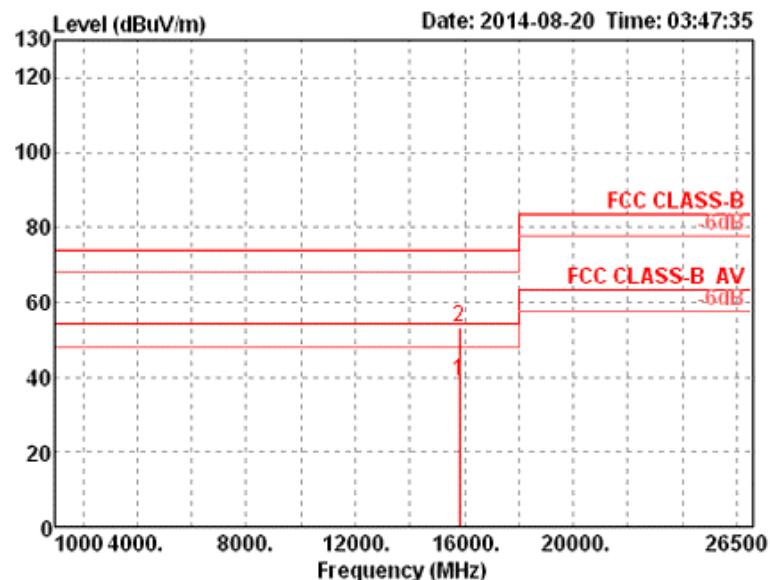


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15689.58	39.30	54.00	-14.70	30.14	6.14	38.23	35.21	Average	100	63 HORIZONTAL
2	15692.12	53.62	74.00	-20.38	44.46	6.14	38.23	35.21	Peak	100	63 HORIZONTAL

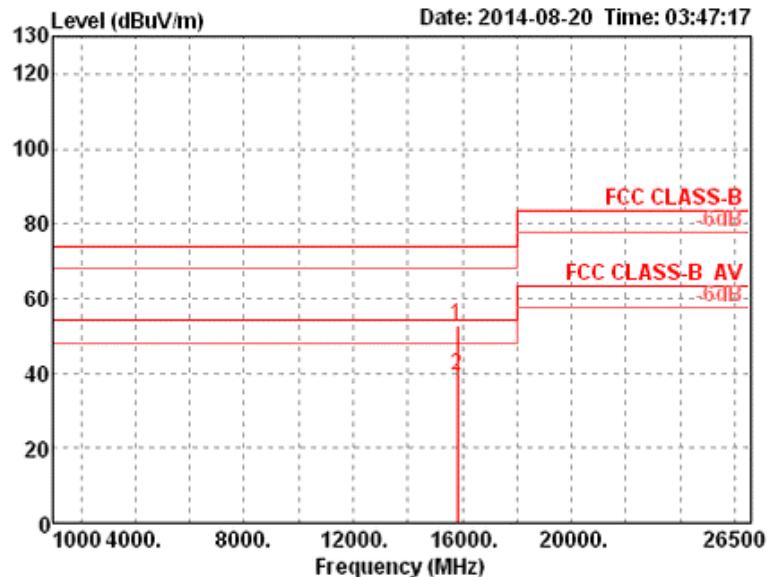
Vertical


Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	15689.88	39.45	54.00	-14.55	30.29	6.14	38.23	35.21	Average		100	266	VERTICAL
2	15690.01	52.91	74.00	-21.09	43.75	6.14	38.23	35.21	Peak		100	266	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2

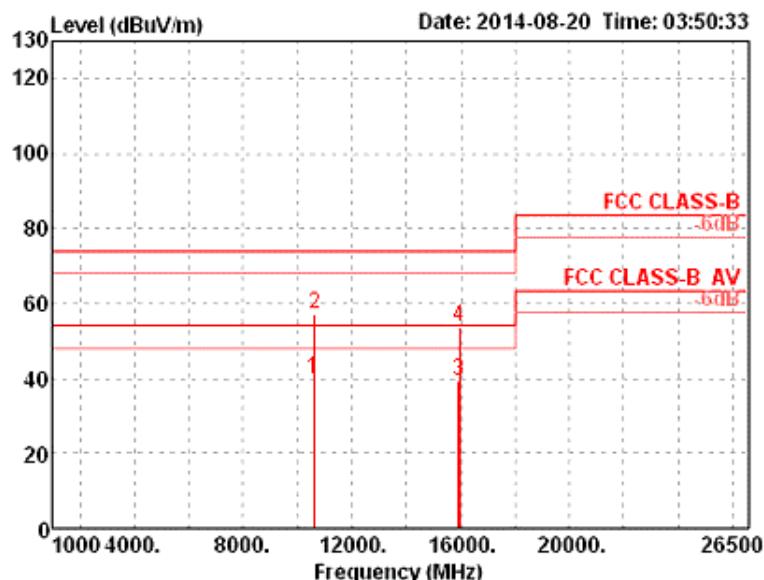
Horizontal


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV	dB				
1	15807.63	38.78	54.00	-15.22	29.81	6.14	38.07	35.24	Average	100	240	HORIZONTAL
2	15807.73	53.26	74.00	-20.74	44.29	6.14	38.07	35.24	Peak	100	240	HORIZONTAL

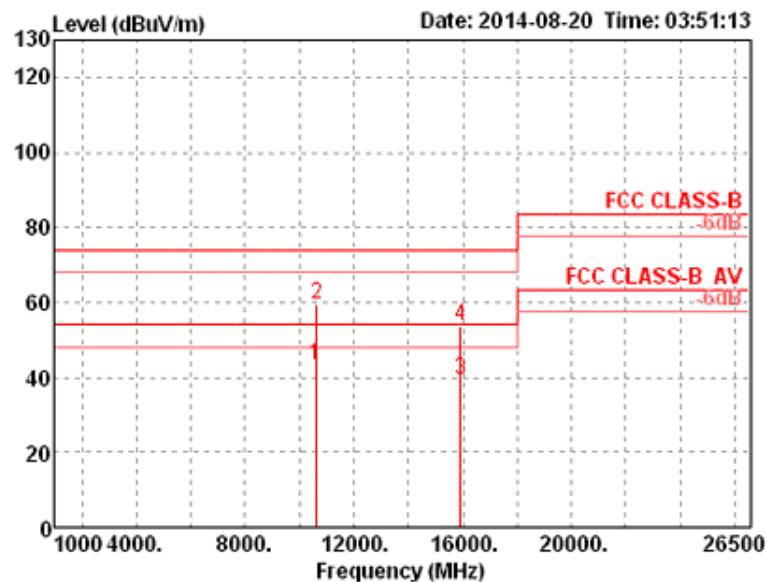
Vertical


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	15809.00	52.95	74.00	-21.05	43.98	6.14	38.07	35.24 Peak	100	306	VERTICAL
2	15810.74	39.12	54.00	-14.88	30.15	6.14	38.07	35.24 Average	100	306	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2

Horizontal


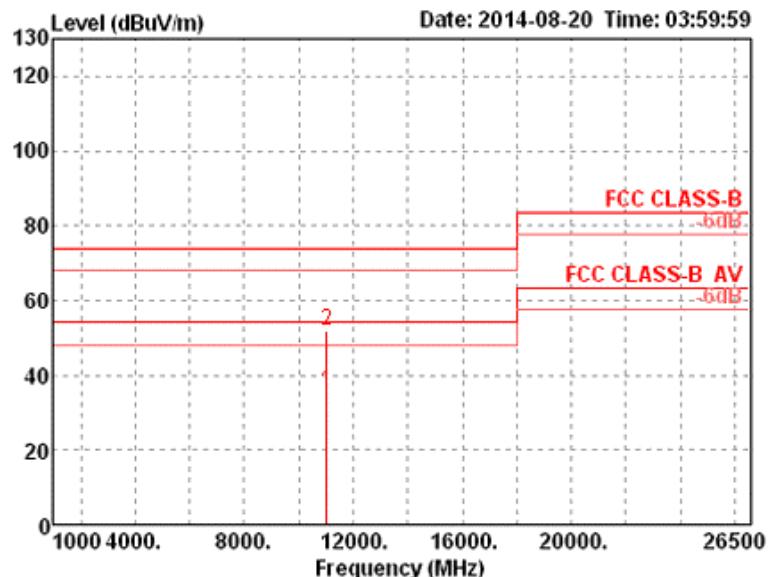
Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor		cm	deg	
1	10611.92	39.89	54.00	-14.11	31.19	5.01	38.92	35.23 Average	214	232	HORIZONTAL
2	10620.08	56.87	74.00	-17.13	48.17	5.01	38.92	35.23 Peak	214	232	HORIZONTAL
3	15921.92	39.46	54.00	-14.54	30.68	6.15	37.90	35.27 Average	100	177	HORIZONTAL
4	15938.04	53.51	74.00	-20.49	44.77	6.15	37.87	35.28 Peak	100	177	HORIZONTAL

Vertical


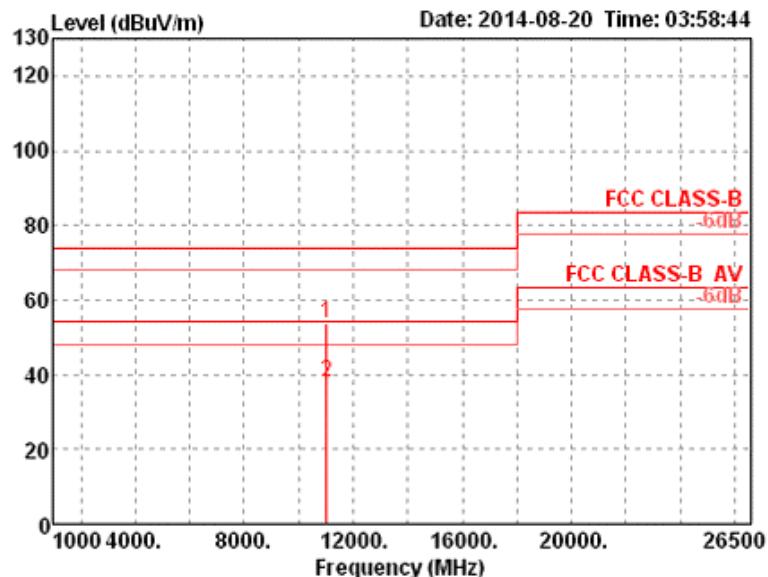
Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1 10592.00	43.31	54.00	-10.69	34.63	5.01	38.92	35.25	Average	156	303	VERTICAL
2 10620.20	59.43	74.00	-14.57	50.73	5.01	38.92	35.23	Peak	156	303	VERTICAL
3 15922.20	39.43	54.00	-14.57	30.65	6.15	37.90	35.27	Average	100	101	VERTICAL
4 15928.72	53.82	74.00	-20.18	45.04	6.15	37.90	35.27	Peak	100	101	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2

Horizontal



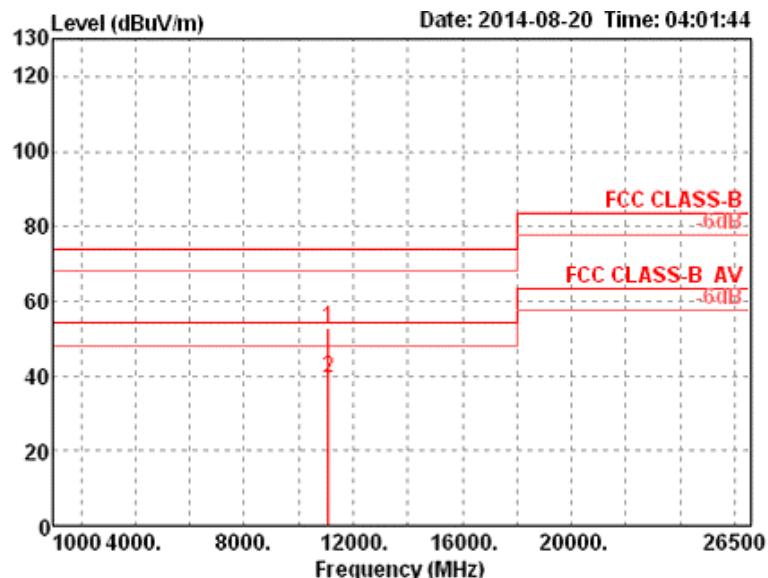
Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m				
1	11018.80	35.42	54.00	-18.58	26.37	5.02	39.01	34.98	Average	100	57	HORIZONTAL
2	11019.99	51.62	74.00	-22.38	42.57	5.02	39.01	34.98	Peak	100	57	HORIZONTAL

Vertical


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor		cm	deg	
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11020.00	53.68	74.00	-20.32	44.63	5.02	39.01	34.98 Peak	100	290	VERTICAL
2	11021.60	37.85	54.00	-16.15	28.78	5.02	39.03	34.98 Average	100	290	VERTICAL

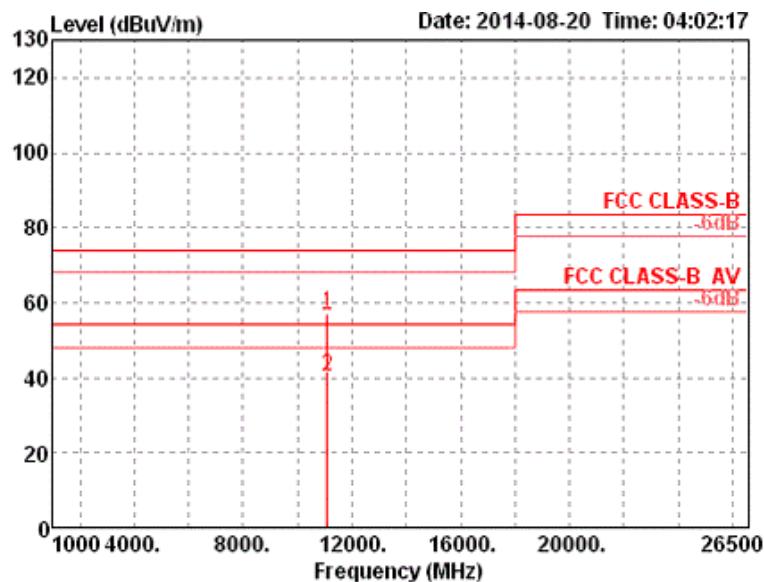
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2

Horizontal



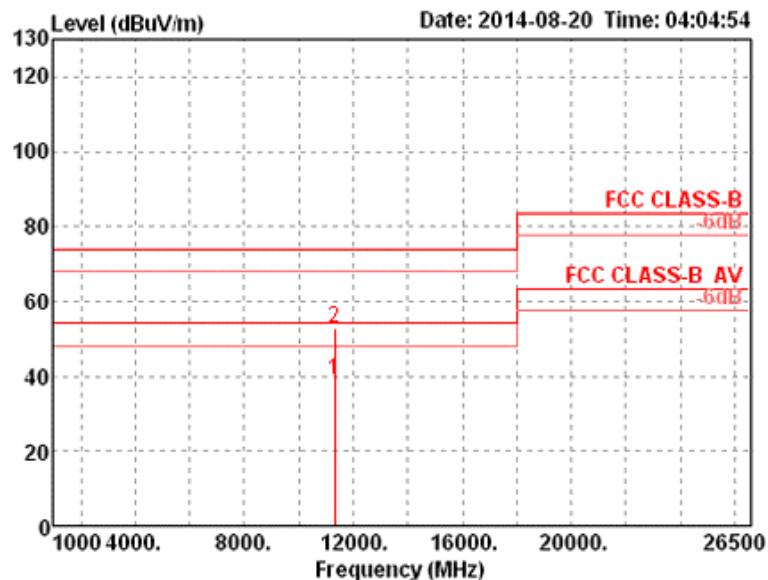
Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
11098.62	52.63	74.00	-21.37	43.51	5.03	39.08	34.99	Peak		100	152	HORIZONTAL
11101.43	39.54	54.00	-14.46	30.42	5.03	39.08	34.99	Average		100	152	HORIZONTAL

Vertical

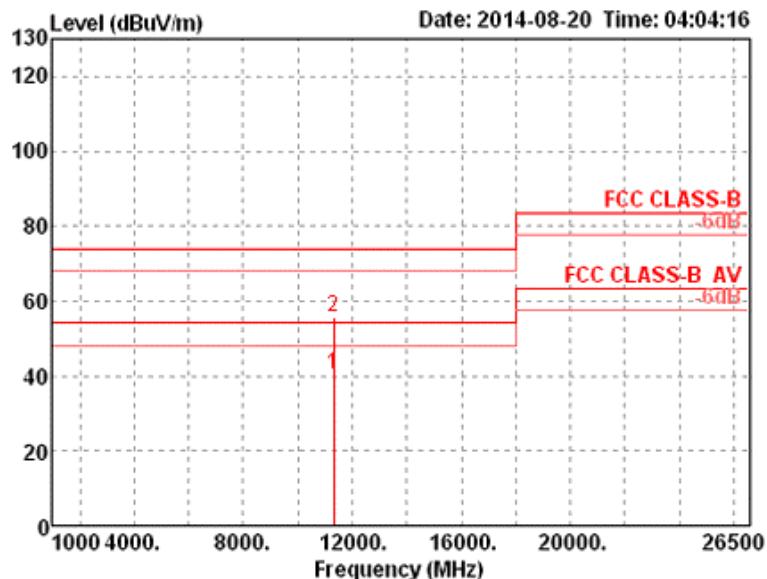


Freq	Level	Limit	Over	Read	Cable			Preamp	Remark	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1	11099.98	56.92	74.00	-17.08	47.80	5.03	39.08	34.99	Peak	100	293	VERTICAL
2	11100.45	40.39	54.00	-13.61	31.27	5.03	39.08	34.99	Average	100	293	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2

Horizontal


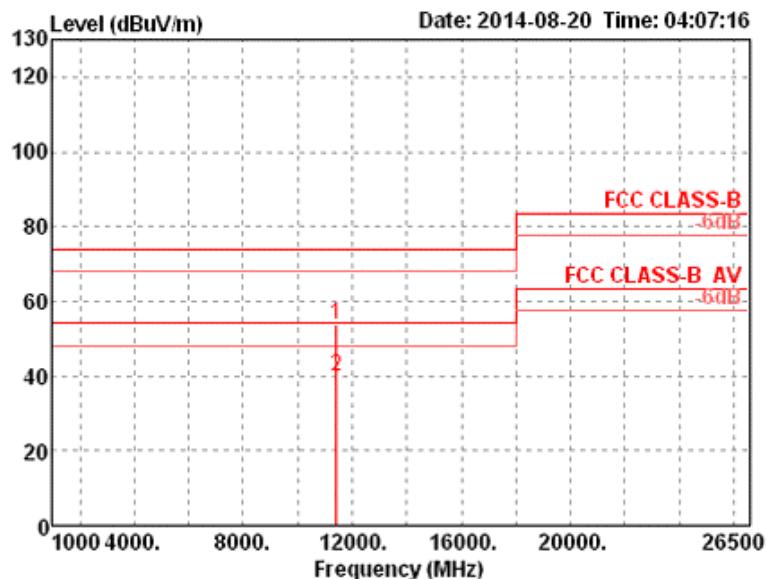
Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB		cm	deg	
1 11339.37	39.00	54.00	-15.00	29.68	5.08	39.27	35.03	Average		100	106	HORIZONTAL
2 11339.51	52.66	74.00	-21.34	43.34	5.08	39.27	35.03	Peak		100	106	HORIZONTAL

Vertical


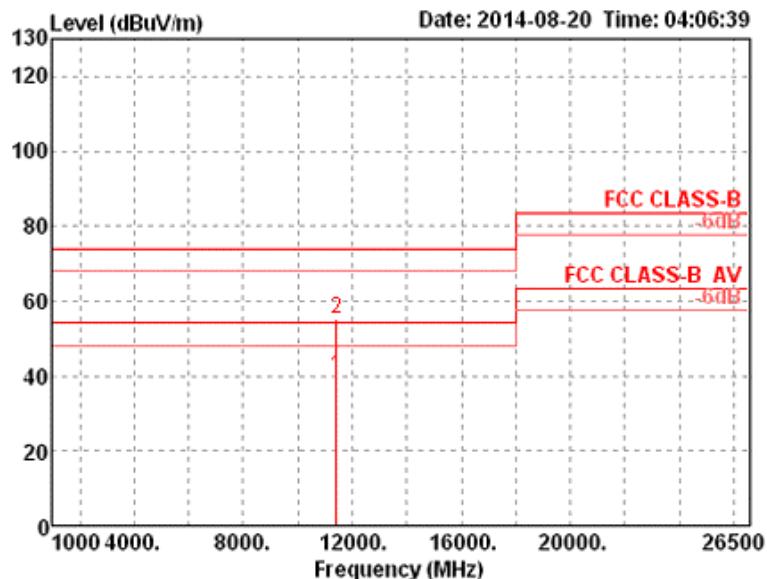
Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11338.97	40.46	54.00	-13.54	31.14	5.08	39.27	35.03	Average		100	157	VERTICAL
2	11339.88	55.86	74.00	-18.14	46.54	5.08	39.27	35.03	Peak		100	157	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2

Horizontal

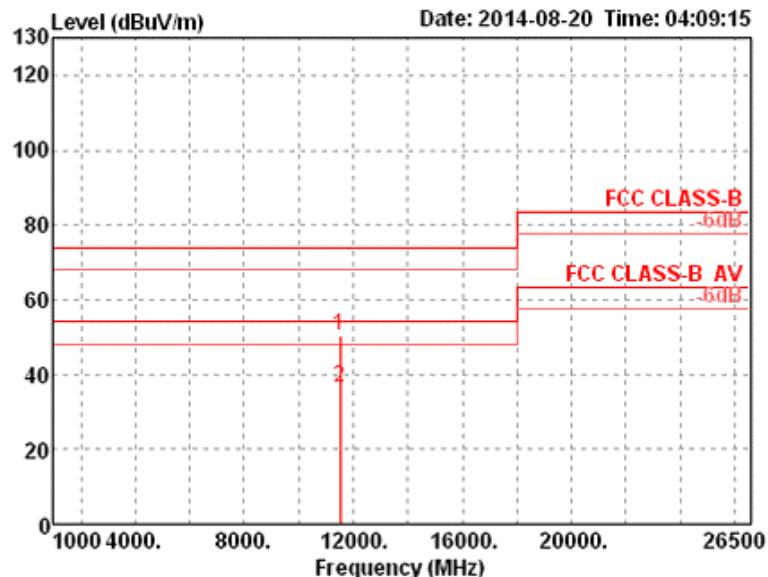


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11419.94	53.59	74.00	-20.41	44.20	5.10	39.33	35.04 Peak	100	55	HORIZONTAL
2	11422.41	39.98	54.00	-14.02	30.59	5.10	39.33	35.04 Average	100	55	HORIZONTAL

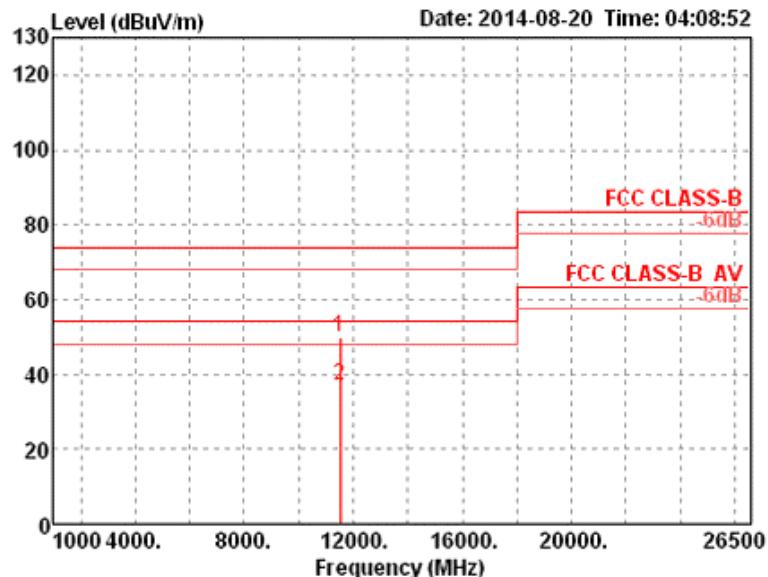
Vertical


Freq	Level	Limit			Read Level	Cable Antenna			Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB					
1	11417.55	39.62	54.00	-14.38	30.23	5.10	39.33	35.04	Average	100	242	VERTICAL	
2	11419.98	55.27	74.00	-18.73	45.88	5.10	39.33	35.04	Peak	100	242	VERTICAL	

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2

Horizontal


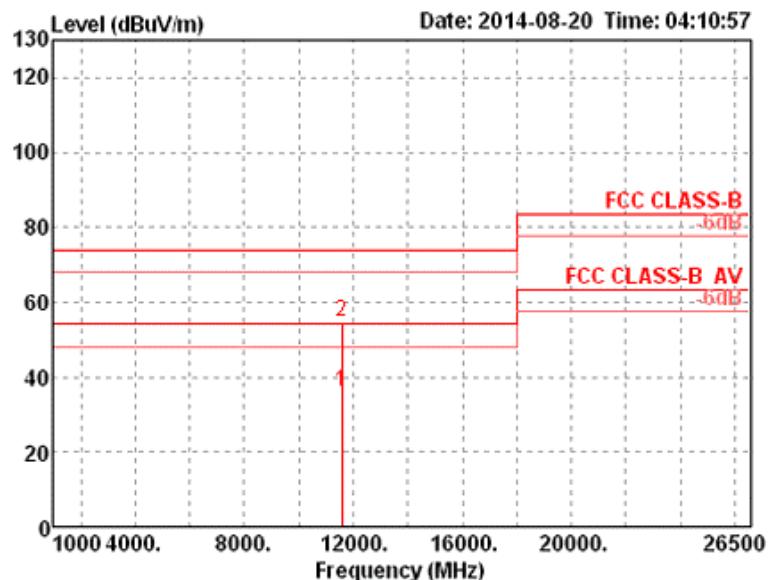
Freq	Level	Limit			Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m					
1	11509.07	50.14	74.00	-23.86	40.67	5.12	39.40	35.05	Peak		100	196	HORIZONTAL
2	11512.35	36.52	54.00	-17.48	27.05	5.12	39.40	35.05	Average		100	196	HORIZONTAL

Vertical


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	cm	deg		
1	11509.98	49.83	74.00	-24.17	40.36	5.12	39.40	35.05	Peak	100	86	VERTICAL
2	11510.57	36.87	54.00	-17.13	27.40	5.12	39.40	35.05	Average	100	86	VERTICAL

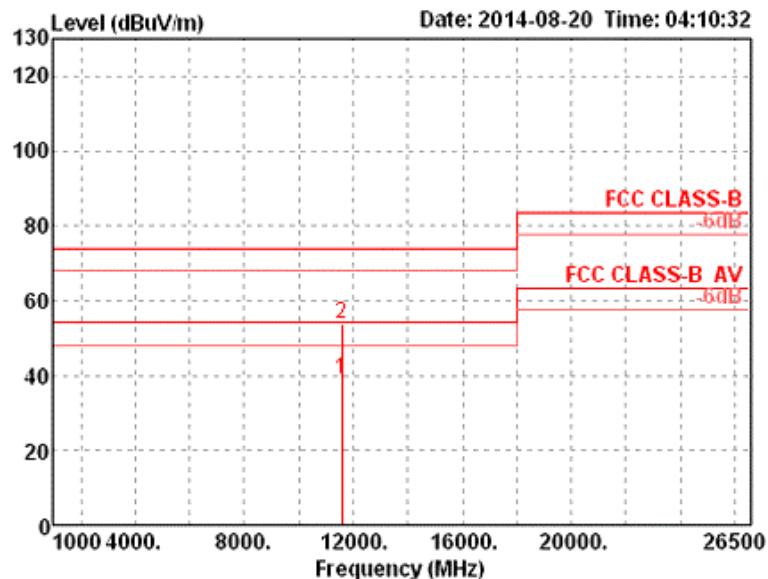
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2

Horizontal



Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB		cm	deg	
1 11588.12	36.09	54.00	-17.91	26.56	5.14	39.45	35.06	Average		100	261	HORIZONTAL
2 11590.11	54.84	74.00	-19.16	45.31	5.14	39.45	35.06	Peak		100	261	HORIZONTAL

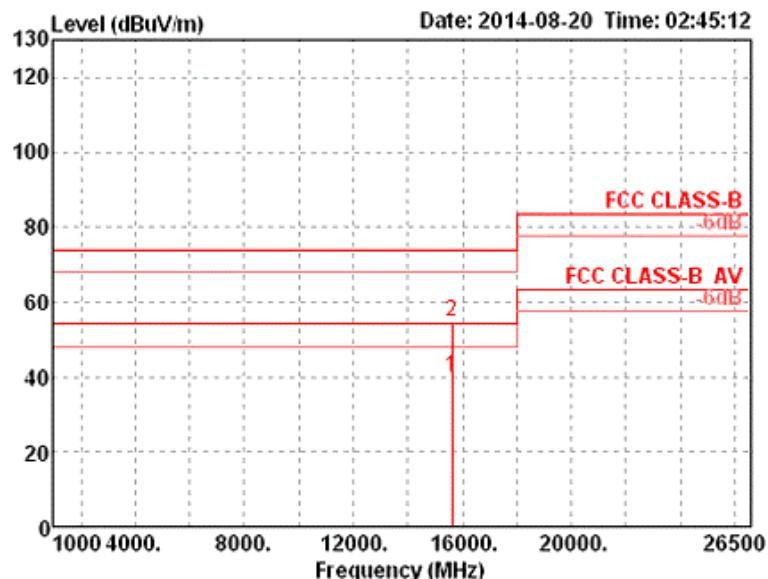
Vertical



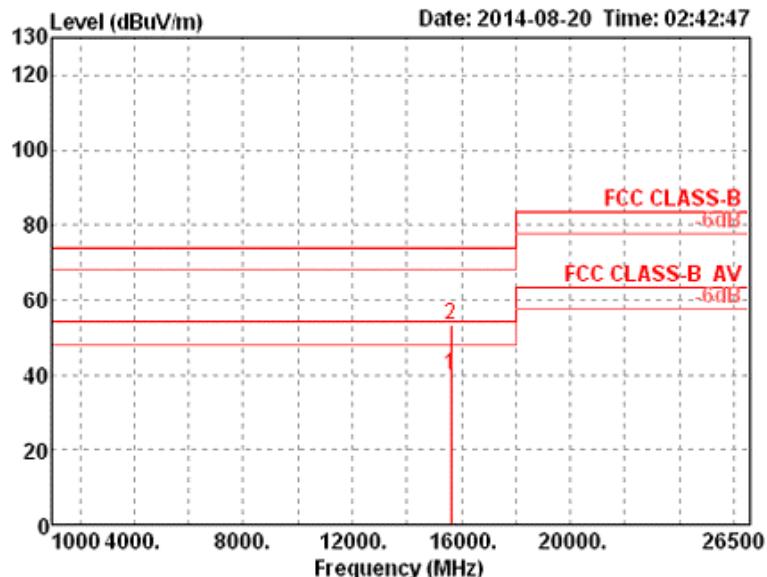
Freq	Level	Limit			Read	CableAntenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m			
MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	dB	dB	cm	deg	
1	11587.90	38.72	54.00	-15.28	29.19	5.14	39.45	35.06	Average	100	160 VERTICAL
2	11590.01	53.67	74.00	-20.33	44.14	5.14	39.45	35.06	Peak	100	160 VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2

Horizontal



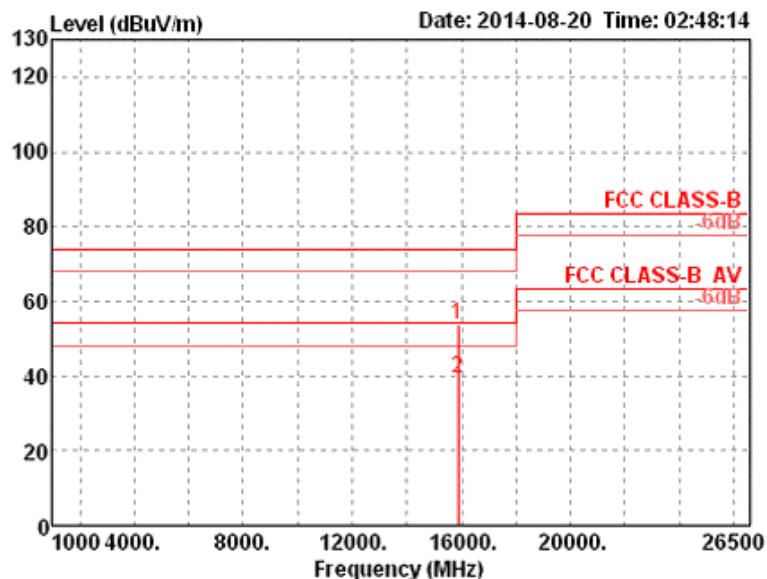
Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Antenna	Preamp						
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1	15626.58	39.64	54.00	-14.36	30.36	6.14	38.33	35.19	Average		100	329	HORIZONTAL
2	15627.08	54.45	74.00	-19.55	45.17	6.14	38.33	35.19	Peak		100	329	HORIZONTAL

Vertical


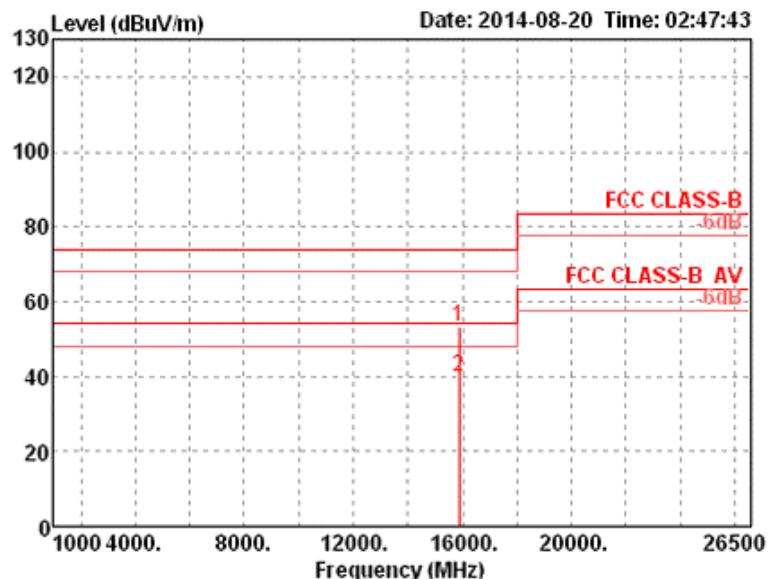
Freq	Level	Limit		Over Line	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	MHz	dBuV/m	dB	dB	dB/m	dB			
1	15625.46	39.89	54.00	-14.11	30.61	6.14	38.33	35.19	Average	100	27	VERTICAL
2	15627.06	53.40	74.00	-20.60	44.12	6.14	38.33	35.19	Peak	100	27	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2

Horizontal

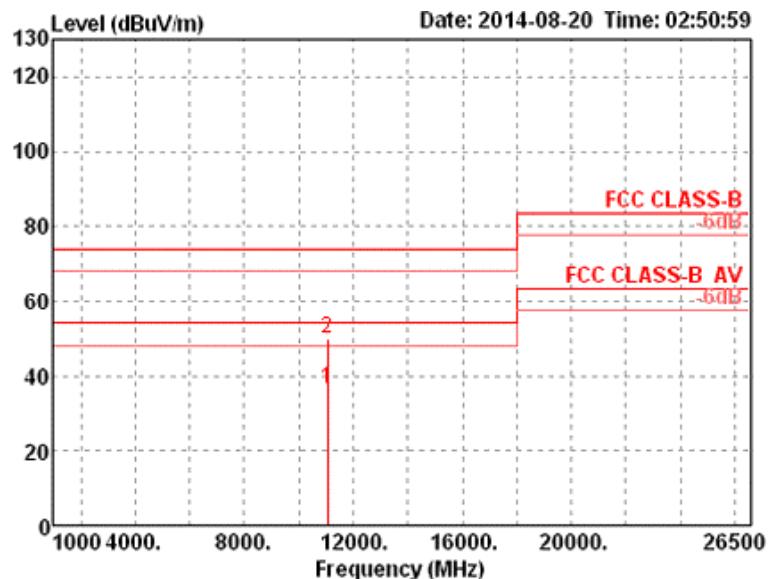


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Line	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	15872.22	53.51	74.00	-20.49	44.66	6.14	37.97	35.26 Peak	100	151	HORIZONTAL
2	15874.18	39.50	54.00	-14.50	30.65	6.14	37.97	35.26 Average	100	151	HORIZONTAL

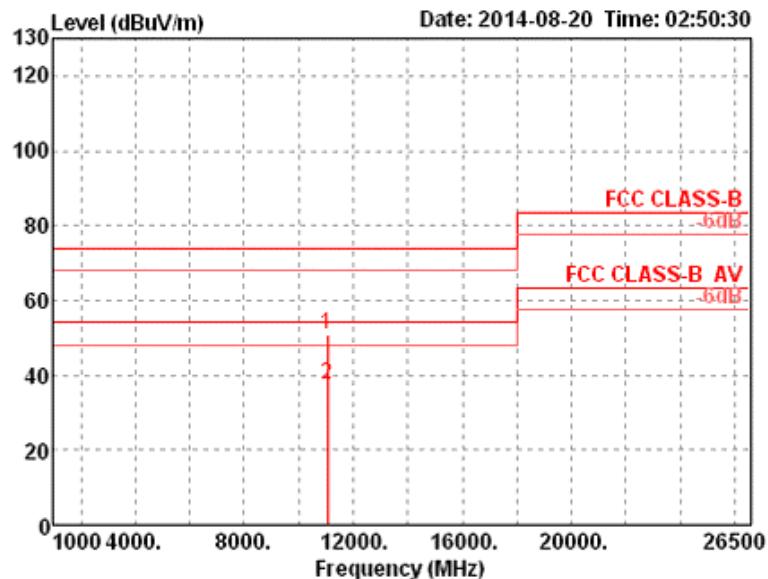
Vertical


Freq	Level	Limit	Over Line	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1	15869.06	53.07	74.00	-20.93	44.22	6.14	37.97	35.26	Peak	100	44	VERTICAL
2	15873.58	39.74	54.00	-14.26	30.89	6.14	37.97	35.26	Average	100	44	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2

Horizontal


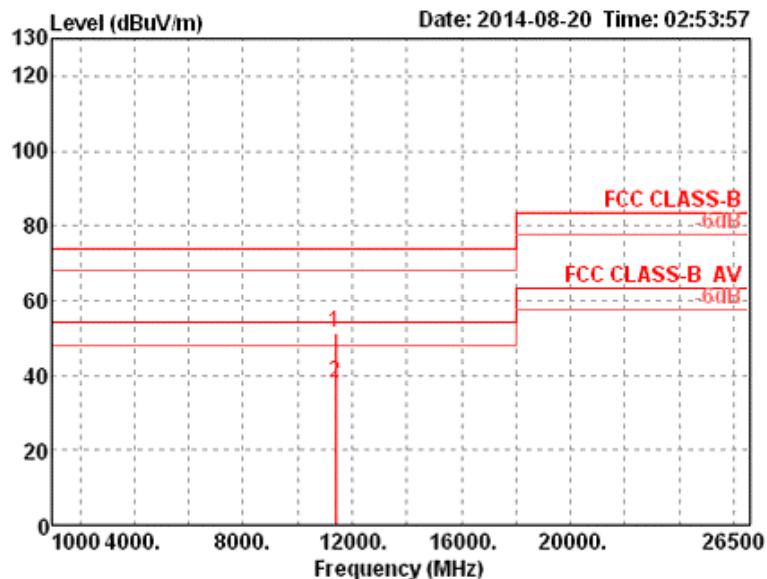
Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV			dB	dB/m	dB					
1	11055.94	36.36	54.00	-17.64	27.28	5.02	39.05	34.99	Average		100	234	HORIZONTAL	
2	11057.60	50.00	74.00	-24.00	40.92	5.02	39.05	34.99	Peak		100	234	HORIZONTAL	

Vertical


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11057.16	50.61	74.00	-23.39	41.53	5.02	39.05	34.99 Peak	100	296	VERTICAL
2	11061.26	37.49	54.00	-16.51	28.40	5.03	39.05	34.99 Average	100	296	VERTICAL

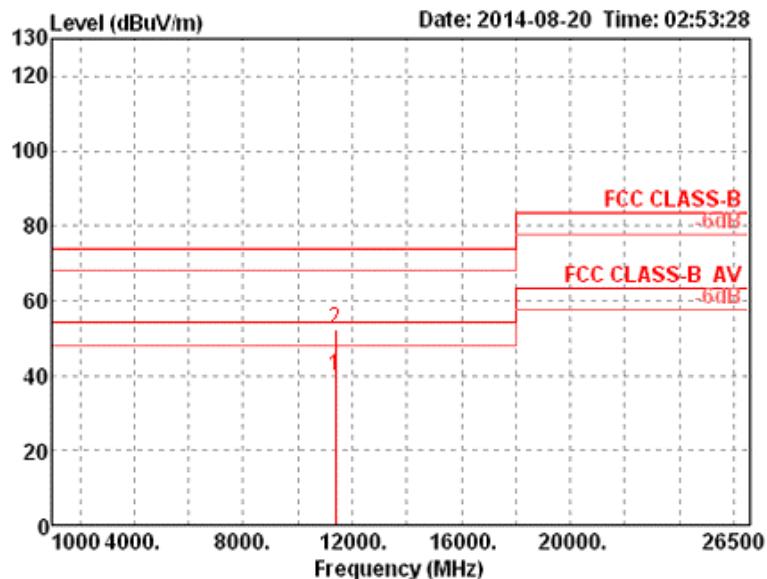
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2

Horizontal



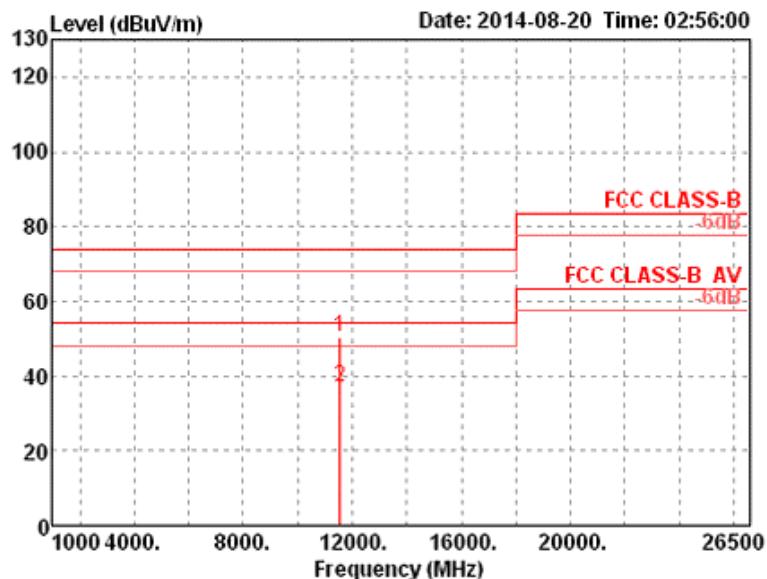
Freq	Level	Limit			Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m		dB	dBuV	dB						
1	11378.08	51.15	74.00	-22.85	41.80	5.09	39.29	35.03	Peak			100	121	HORIZONTAL
2	11382.92	37.74	54.00	-16.26	28.37	5.09	39.31	35.03	Average			100	121	HORIZONTAL

Vertical

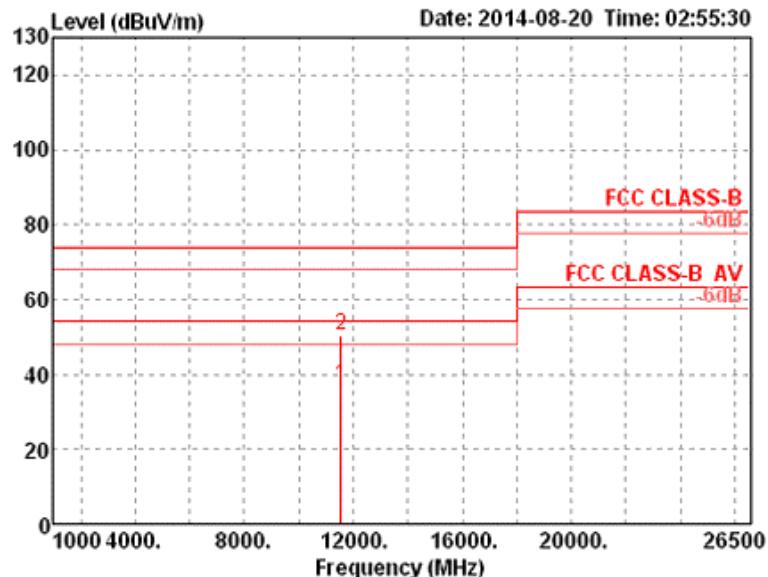


Freq	Level	Limit			Read	CableAntenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m			
MHz	dBuV/m	dBuV/m	dB						cm	deg	
1	11375.38	39.76	54.00	-14.24	30.41	5.09	39.29	35.03	Average	100	47 VERTICAL
2	11379.18	52.37	74.00	-21.63	43.00	5.09	39.31	35.03	Peak	100	47 VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2

Horizontal


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Line Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11548.44	50.42	74.00	-23.58	40.93	5.13	39.42	35.06 Peak	100	210	HORIZONTAL
2	11549.34	36.79	54.00	-17.21	27.29	5.13	39.43	35.06 Average	100	210	HORIZONTAL

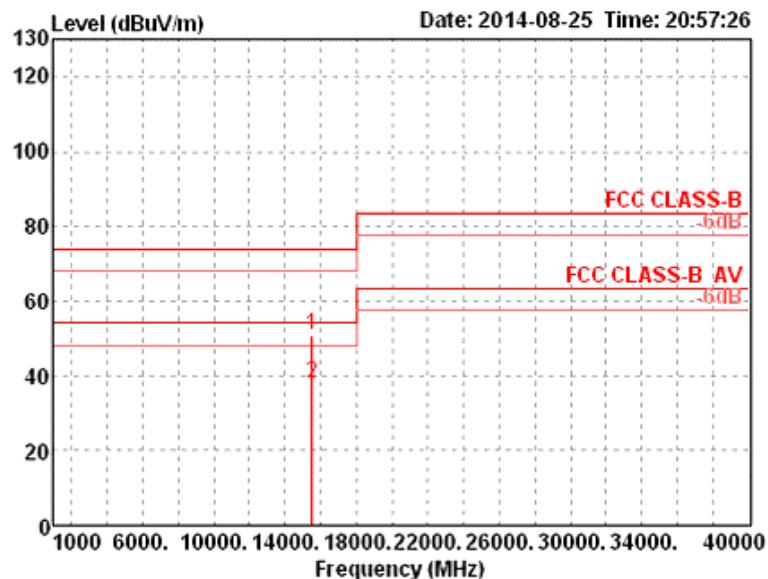
Vertical


Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	11549.80	36.93	54.00	-17.07	27.43	5.13	39.43	35.06	Average		100	61	VERTICAL
2	11553.38	50.41	74.00	-23.59	40.91	5.13	39.43	35.06	Peak		100	61	VERTICAL

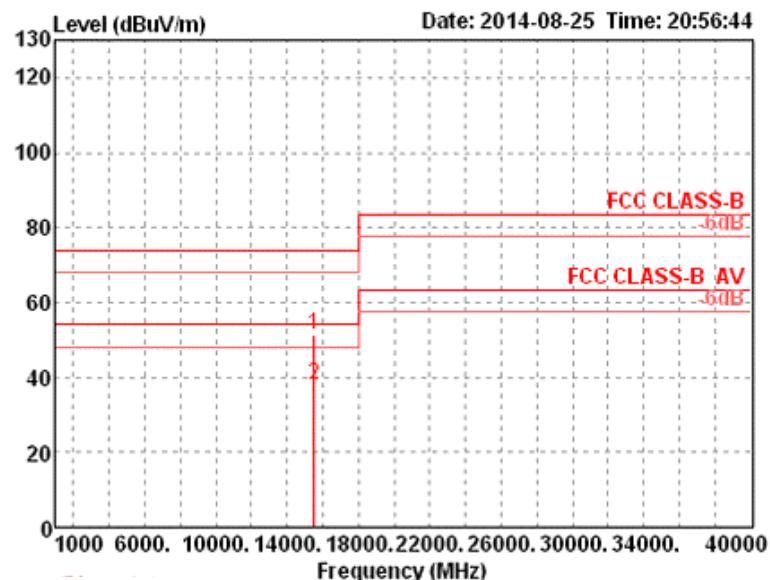
For STBC function:

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2

Horizontal



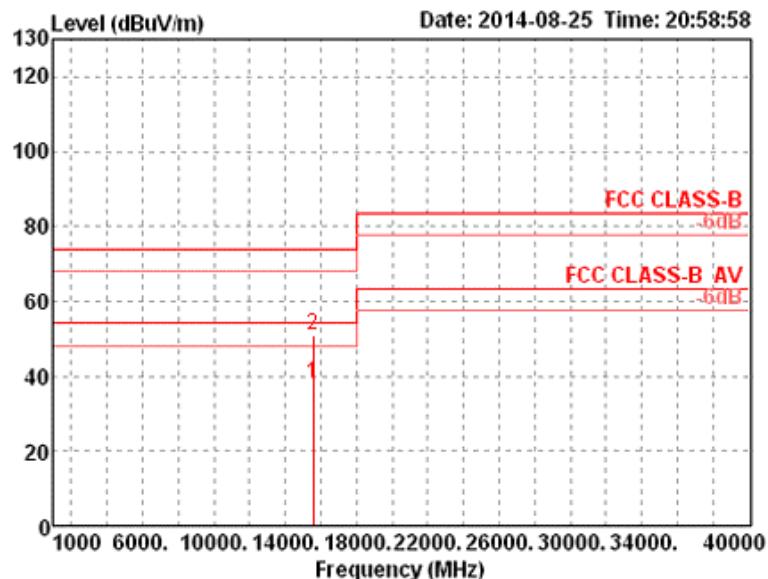
Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB	dB/m	dB	cm	deg		
1 15531.90	51.03	74.00	-22.97	41.62	6.13	38.45	35.17	Peak		100	349	HORIZONTAL	
2 15544.47	37.74	54.00	-16.26	28.35	6.13	38.43	35.17	Average		100	349	HORIZONTAL	

Vertical


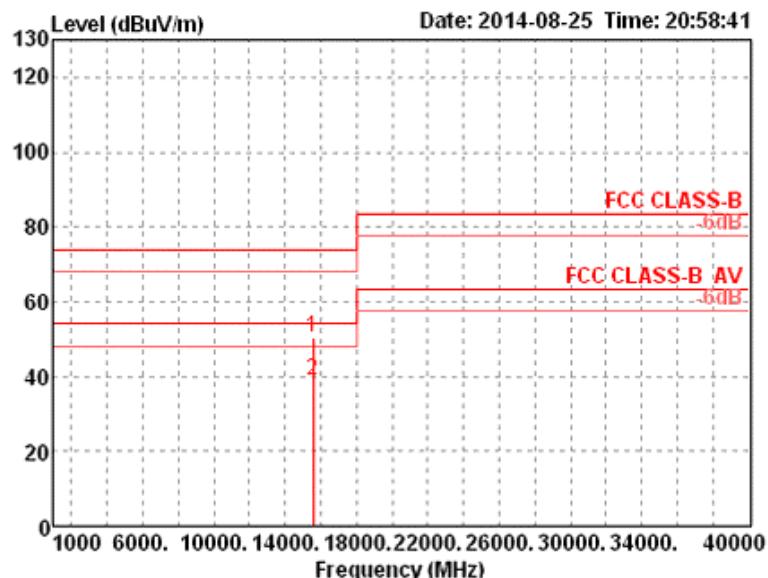
Freq	Level	Limit		Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	cm	deg				
1	15535.25	51.32	74.00	-22.68	41.91	6.13	38.45	35.17	Peak	100	315	VERTICAL		
2	15549.72	37.89	54.00	-16.11	28.50	6.13	38.43	35.17	Average	100	315	VERTICAL		

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2

Horizontal

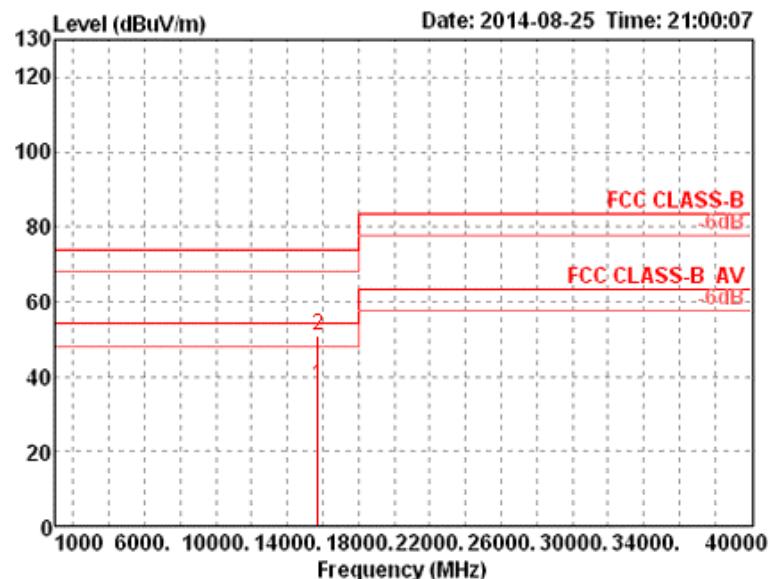


Freq	Level	Limit			Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV									
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	cm	deg			
1	15597.90	37.67	54.00	-16.33	28.36	6.13	38.36	35.18	Average	100	113	HORIZONTAL	
2	15601.45	50.63	74.00	-23.37	41.33	6.13	38.36	35.19	Peak	100	113	HORIZONTAL	

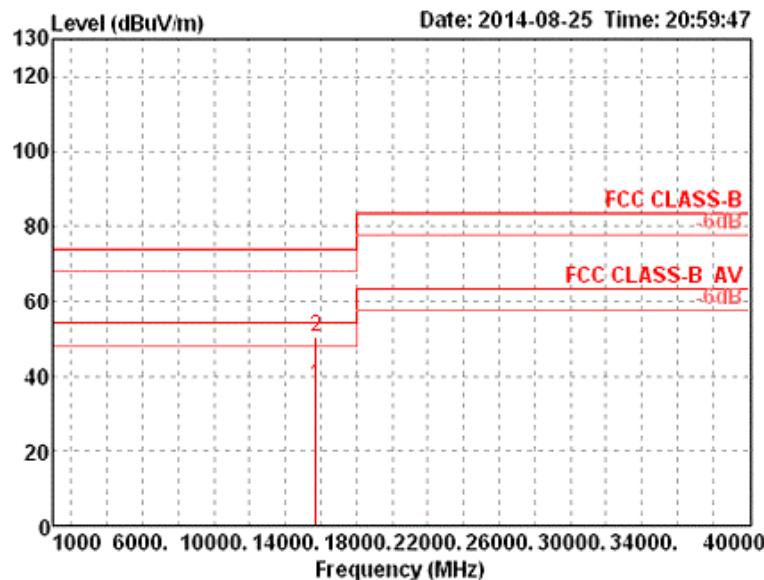
Vertical


Freq	Level	Limit			Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Over	Limit		Loss	Factor	Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	15591.25	50.35	74.00	-23.65	41.02	6.13	38.38	35.18	Peak		100	15	VERTICAL
2	15596.95	38.96	54.00	-15.04	29.65	6.13	38.36	35.18	Average		100	15	VERTICAL

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2

Horizontal


Freq	Level	Limit			Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB								
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB		cm	deg	
1 15713.03	37.44	54.00	-16.56	28.30	6.14	38.21	35.21	Average	100	103	HORIZONTAL	
2 15720.60	50.95	74.00	-23.05	41.83	6.14	38.19	35.21	Peak	100	103	HORIZONTAL	

Vertical


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Factor	dB/m						
1	15715.08	37.48	54.00	-16.52	28.36	6.14	38.19	35.21	Average	100	75	VERTICAL	
2	15725.92	50.16	74.00	-23.84	41.04	6.14	38.19	35.21	Peak	100	75	VERTICAL	

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

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

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

4.7. Band Edge Emissions Measurement

4.7.1. Limit

For transmitters operating in the 5.15-5.35 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.470-5.725 GHz band: all emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.7.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1MHz / 3MHz for Peak

4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3, only the frequency range investigated is limited to 100MHz around bandedges.

4.7.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.6.4.

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

For non-beamforming function and STBC function:

The EUT was programmed to be in continuously transmitting mode.

For beamforming function:

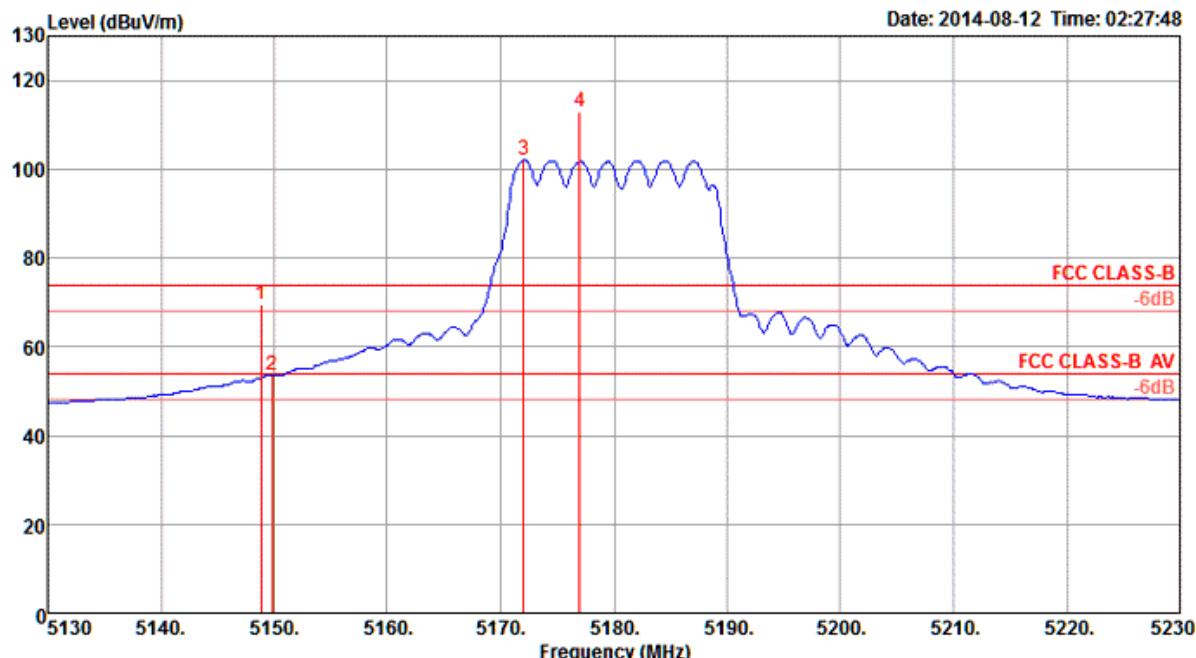
The EUT was programmed to be in beamforming transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

For Non-beamforming function:

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2

Channel 36

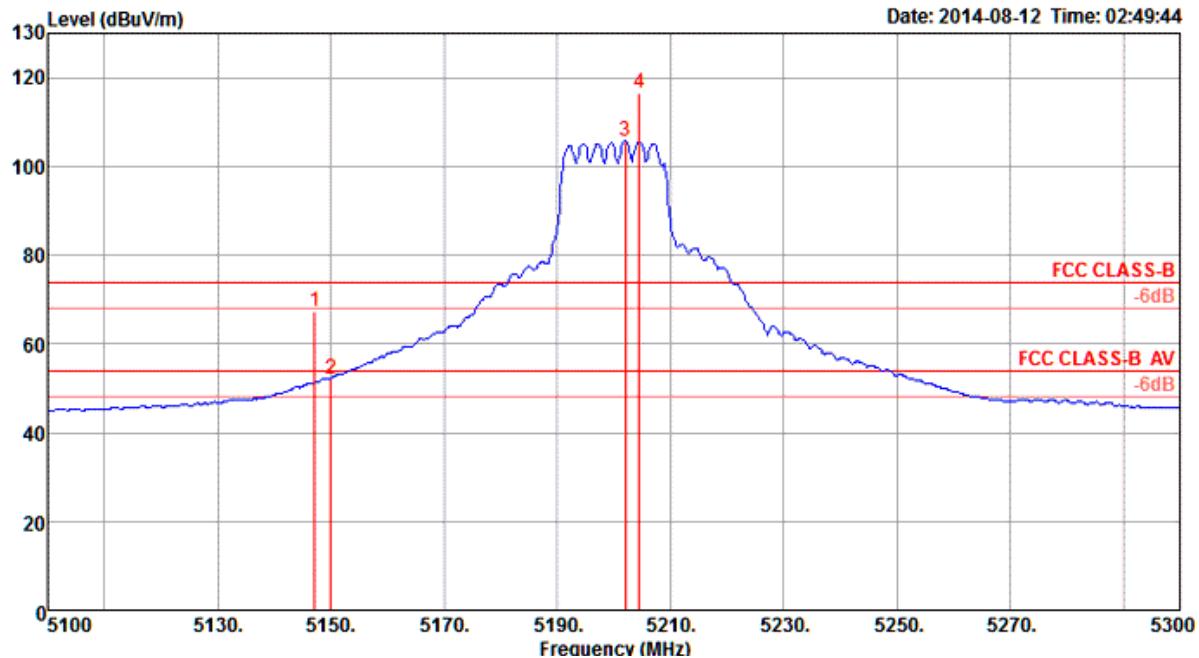


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamplifier			A/Pos cm	T/Pos deg	Remark
					Loss	Antenna Factor	Preamplifier Factor			
1 5148.80	69.69	74.00	-4.31	66.74	4.34	33.14	34.53	VERTICAL	112	279 Peak
2 5149.80	53.64	54.00	-0.36	50.69	4.34	33.14	34.53	VERTICAL	112	279 Average
3 5172.00	101.97			98.98	4.35	33.17	34.53	VERTICAL	112	279 Average
4 5177.00	112.80			109.78	4.36	33.19	34.53	VERTICAL	112	279 Peak

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

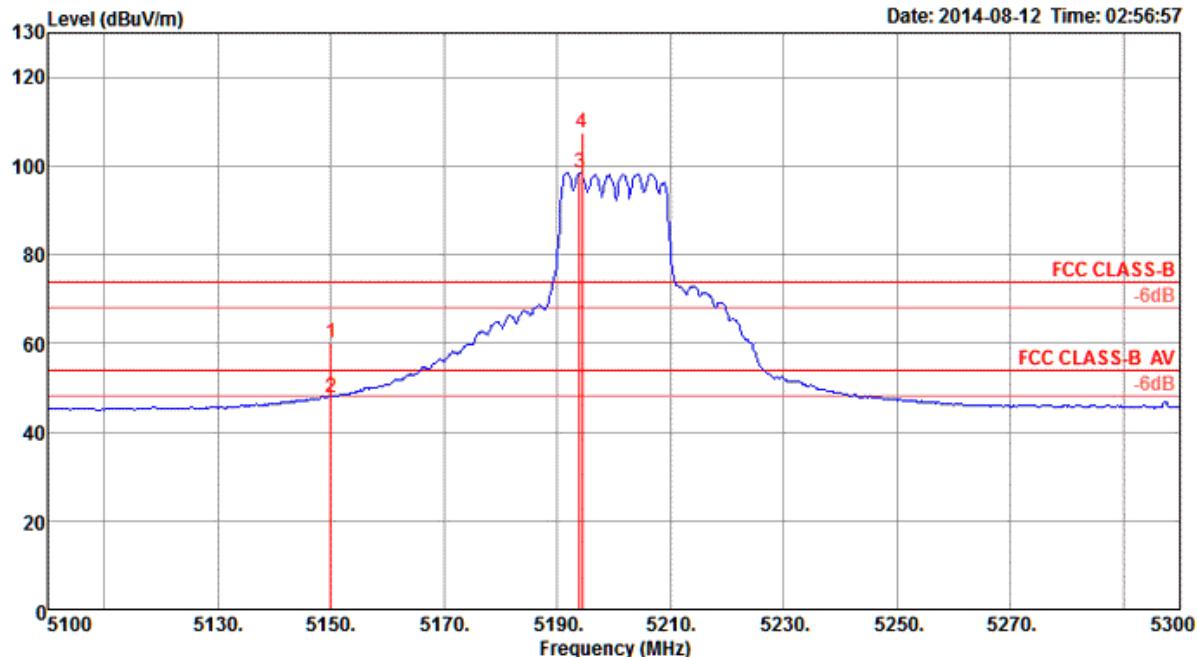


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5147.20	67.31	74.00	-6.69	64.36	4.34	33.14	34.53	VERTICAL	101	279 Peak
2	5150.00	52.05	54.00	-1.95	49.10	4.34	33.14	34.53	VERTICAL	101	279 Average
3	5202.00	105.68			102.62	4.37	33.22	34.53	VERTICAL	101	279 Average
4	5204.40	116.47			113.41	4.37	33.22	34.53	VERTICAL	101	279 Peak

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48

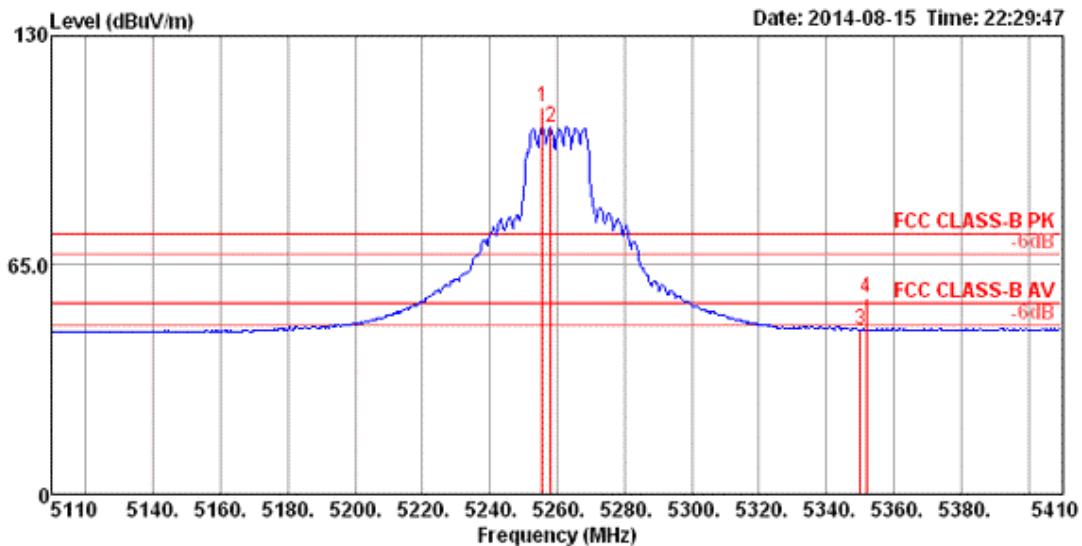


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			A/Pos cm	T/Pos deg	Remark
					Cable Loss	Antenna Factor	Preamp Factor			
1 5150.00	60.16	74.00	-13.84	57.21	4.34	33.14	34.53	HORIZONTAL	100	254 Peak
2 5150.00	47.91	54.00	-6.09	44.96	4.34	33.14	34.53	HORIZONTAL	100	254 Average
3 5194.00	98.65			95.59	4.37	33.22	34.53	HORIZONTAL	100	254 Average
4 5194.40	107.57			104.51	4.37	33.22	34.53	HORIZONTAL	100	254 Peak

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

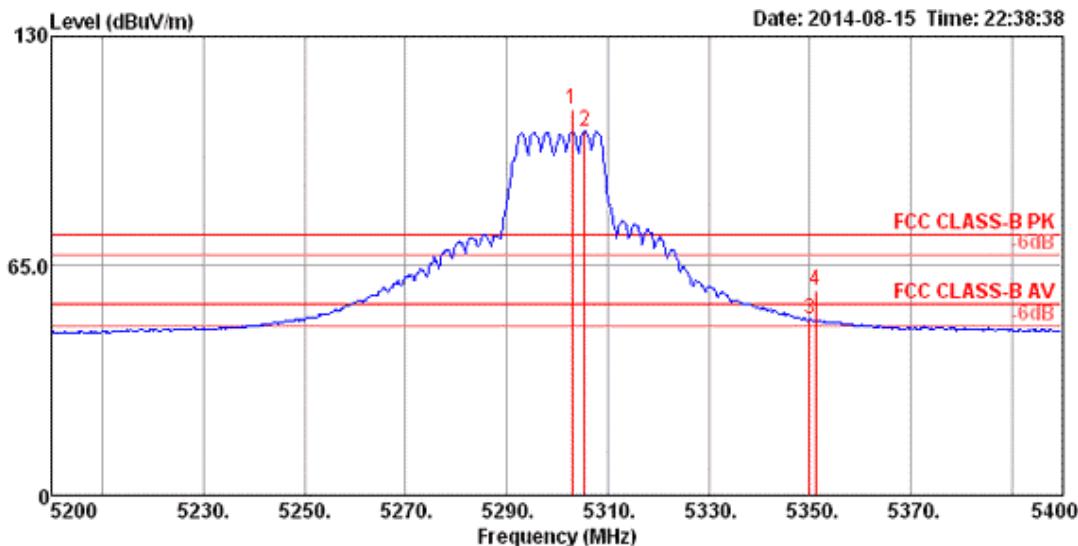
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2

Channel 52


Freq MHz	Level dBuV/m	Limit Line	Over Limit	Read Level dB	Cable			Antenna Loss Factor	Preamp Factor	A/Pos dB	T/Pos cm	Pol/Phase	Remark
					dBuV	dB	dB/m						
1 5255.50	109.98			106.27	6.06	33.10	35.45			169	150	VERTICAL	Peak
2 5258.20	104.20			100.49	6.06	33.10	35.45			169	150	VERTICAL	Average
3 5350.00	46.52	54.00	-7.48	42.50	6.11	33.40	35.49			169	150	VERTICAL	Average
4 5351.80	55.52	74.00	-18.48	51.50	6.11	33.40	35.49			169	150	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 5260 MHz.

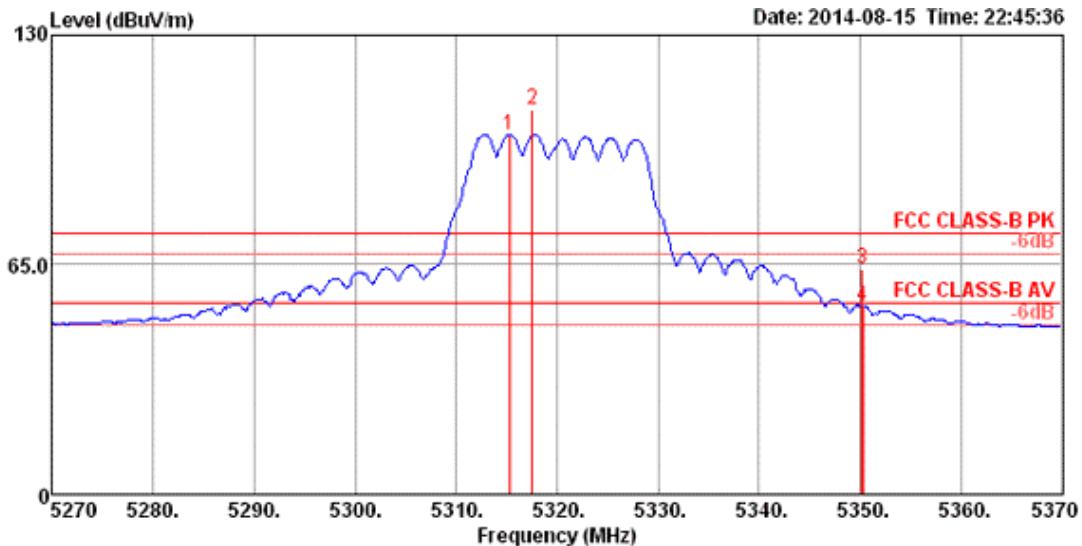
Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 60


Freq	Level	Limit	Over	Read	Cable		Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit						
MHz	dBuV/m	dBuV/m										
1	5303.00	109.20				105.33	6.09	33.25	35.47	177	152 VERTICAL	Peak
2	5305.40	102.99				99.12	6.09	33.25	35.47	177	152 VERTICAL	Average
3	5350.00	49.69	54.00	-4.31	45.67	6.11	33.40	35.49	177	152 VERTICAL	Average	
4	5351.20	58.22	74.00	-15.78	54.20	6.11	33.40	35.49	177	152 VERTICAL	Peak	

Item 1, 2 are the fundamental frequency at 5300 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

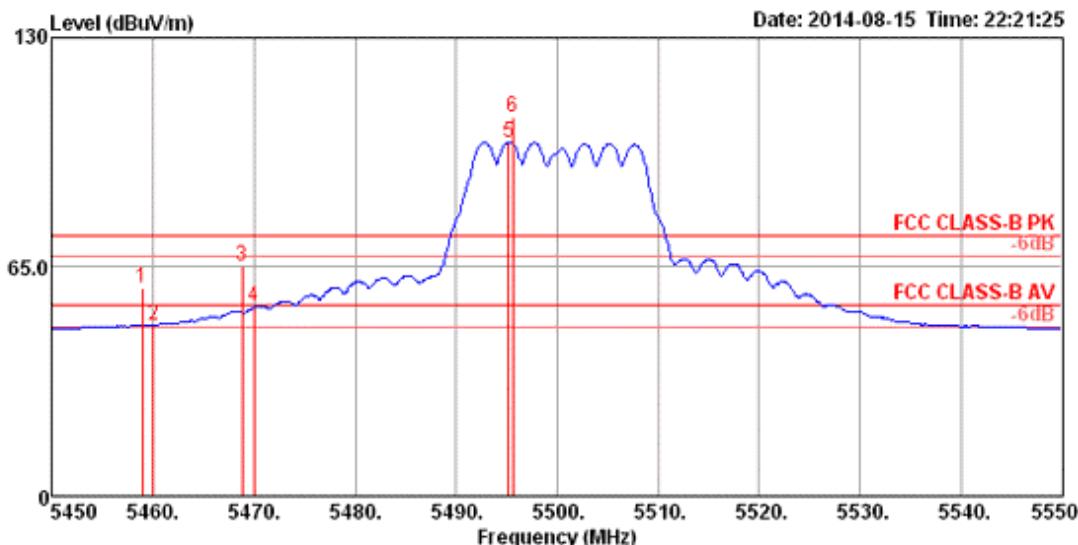
Channel 64


Freq	Level	Limit	Over	Read	Cable		Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1	5315.30	101.79			97.87	6.09	33.30	35.47	178	155	VERTICAL	Average
2	5317.50	108.71			104.79	6.09	33.30	35.47	178	155	VERTICAL	Peak
3	5350.20	63.75	74.00	-10.25	59.73	6.11	33.40	35.49	178	155	VERTICAL	Peak
4	5350.30	53.22	54.00	-0.78	49.20	6.11	33.40	35.49	178	155	VERTICAL	Average

Item 1, 2 are the fundamental frequency at 5320 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

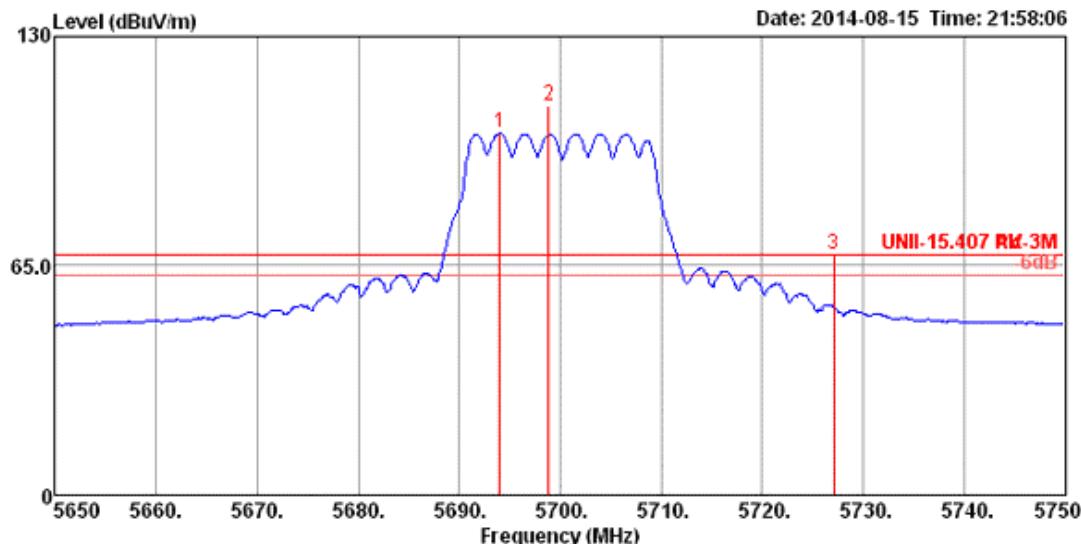
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2

Channel 100


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit	dB			cm	deg		
MHz	dBuV/m	dBuV/m					dB	dBuV	dB	dB/m	dB		
1 5458.90	59.00	74.00	-15.00	54.60	6.18	33.75	35.53	100	155	VERTICAL	Peak		
2 5460.00	48.52	54.00	-5.48	44.12	6.18	33.75	35.53	100	155	VERTICAL	Average		
3 5468.80	65.21	74.00	-8.79	60.76	6.18	33.80	35.53	100	155	VERTICAL	Peak		
4 5470.00	53.56	54.00	-0.44	49.11	6.18	33.80	35.53	100	155	VERTICAL	Average		
5 5495.20	100.38			95.82	6.20	33.90	35.54	100	155	VERTICAL	Average		
6 5495.60	107.51			102.95	6.20	33.90	35.54	100	155	VERTICAL	Peak		

Item 5, 6 are the fundamental frequency at 5500 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

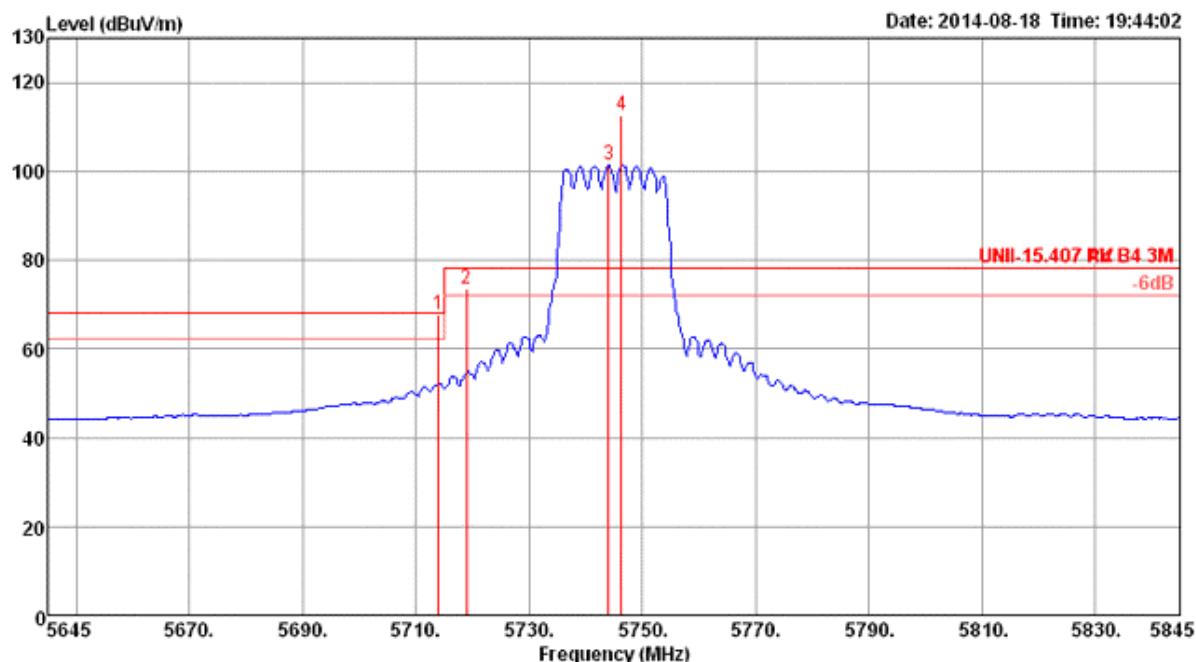
Channel 140


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit	dB						
MHz	dBuV/m	dBuV/m					dB	dBuV	dB	dB	cm	deg	
1	5694.00	102.51					97.41	6.33	34.14	35.37	176	131	VERTICAL
2	5698.90	110.39					105.28	6.33	34.14	35.36	176	131	VERTICAL
3	5727.10	68.11	68.20	-0.09	62.92		6.35	34.18	35.34		176	131	VERTICAL
													Peak
													Peak

Item 1, 2 are the fundamental frequency at 5700 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2

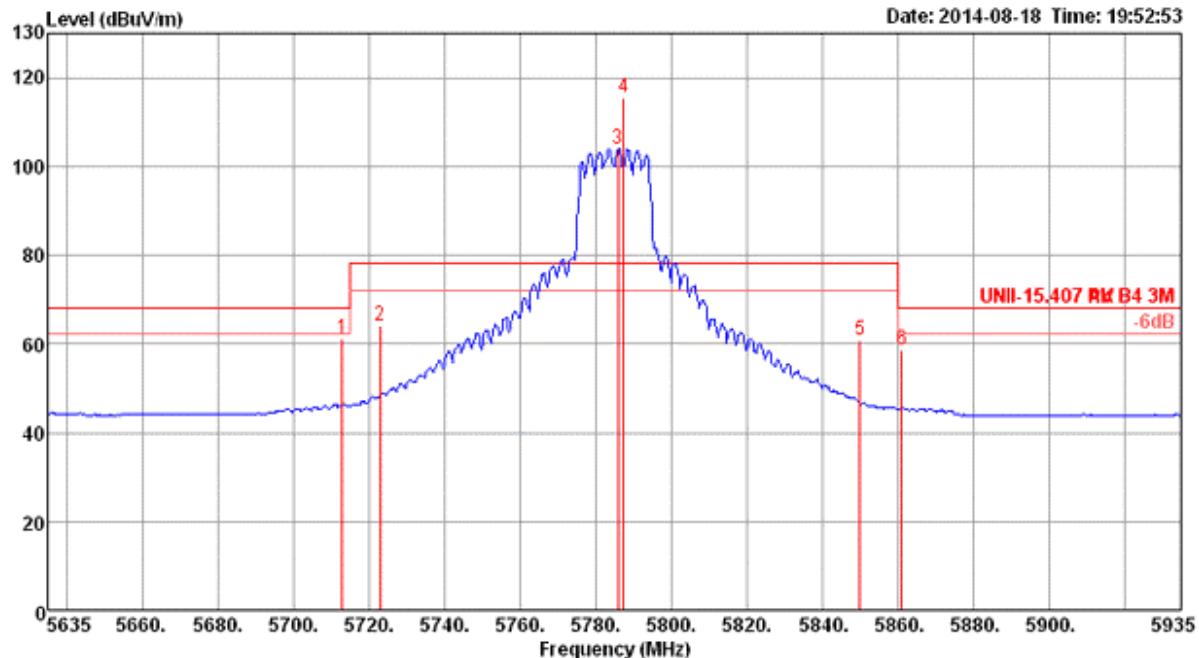
Channel 149


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Antenna Factor	Preamp Factor					
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5714.04	67.63	68.20	-0.57	61.52	6.44	34.87	35.20	Peak	169	129	VERTICAL
2	5718.91	73.66	78.20	-4.54	67.54	6.45	34.87	35.20	Peak	169	129	VERTICAL
3	5744.04	101.36			95.21	6.45	34.90	35.20	Average	169	129	VERTICAL
4	5746.28	112.58			106.43	6.45	34.90	35.20	Peak	169	129	VERTICAL

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

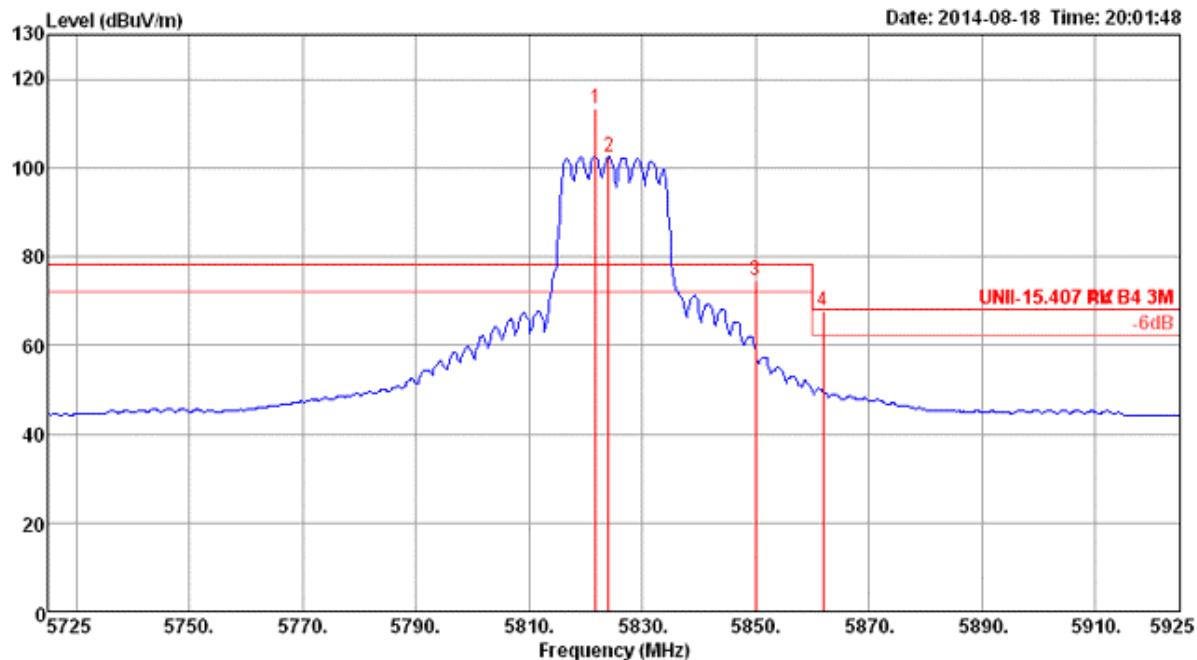


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5713.08	61.11	68.20	-7.09	55.00	6.44	34.87	35.20	Peak		161	135	VERTICAL
2 5723.08	63.99	78.20	-14.21	57.85	6.45	34.89	35.20	Peak		161	135	VERTICAL
3 5785.96	104.02			97.82	6.47	34.93	35.20	Average		161	135	VERTICAL
4 5787.40	115.34			109.14	6.47	34.93	35.20	Peak		161	135	VERTICAL
5 5850.00	60.67	78.20	-17.53	54.40	6.49	34.98	35.20	Peak		161	135	VERTICAL
6 5860.96	58.60	68.20	-9.60	52.31	6.50	34.99	35.20	Peak		161	135	VERTICAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165

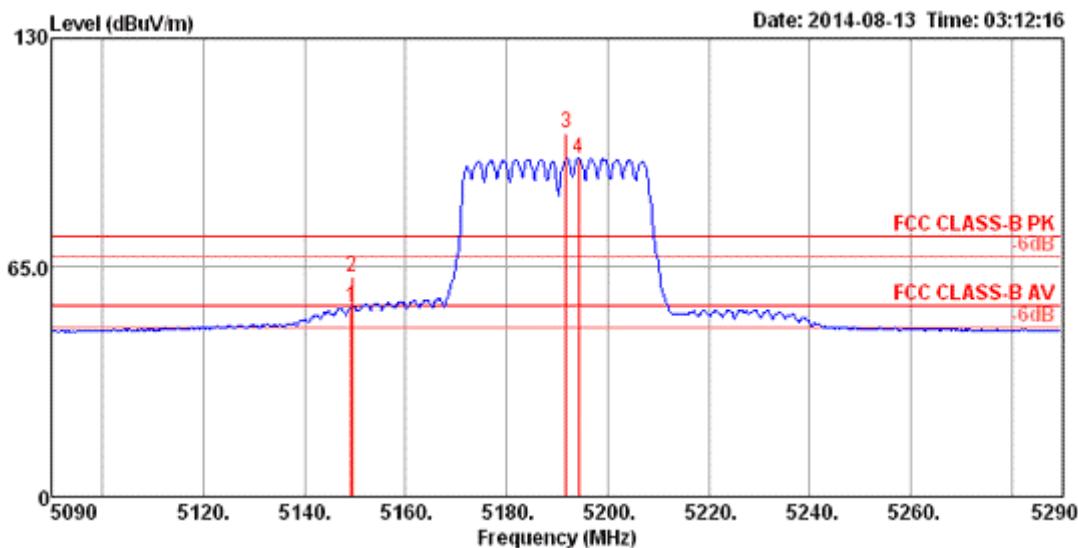


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5821.80	113.28			107.05	6.48	34.95	35.20	Peak		176	128	VERTICAL
2 5824.04	102.46			96.23	6.48	34.95	35.20	Average		176	128	VERTICAL
3 5850.00	74.52	78.20	-3.68	68.25	6.49	34.98	35.20	Peak		176	128	VERTICAL
4 5861.92	67.79	68.20	-0.41	61.50	6.50	34.99	35.20	Peak		176	128	VERTICAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 1 + Chain 2

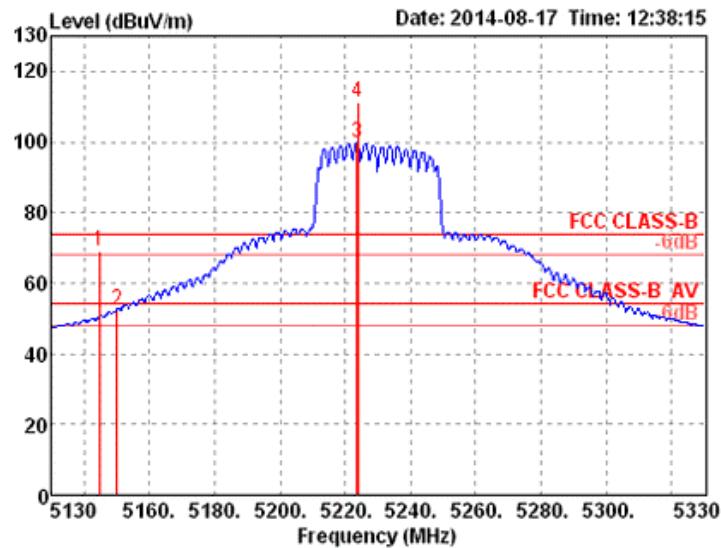
Channel 38


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB	dB/m	dB	cm	deg		
1	5149.20	53.91	54.00	-0.09	50.31	5.99	33.02	35.41	179	132	VERTICAL	Average	
2	5149.40	62.59	74.00	-11.41	58.99	5.99	33.02	35.41	179	132	VERTICAL	Peak	
3	5191.80	103.04			99.40	6.02	33.05	35.43	179	132	VERTICAL	Peak	
4	5194.20	95.95			92.31	6.02	33.05	35.43	179	132	VERTICAL	Average	

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46

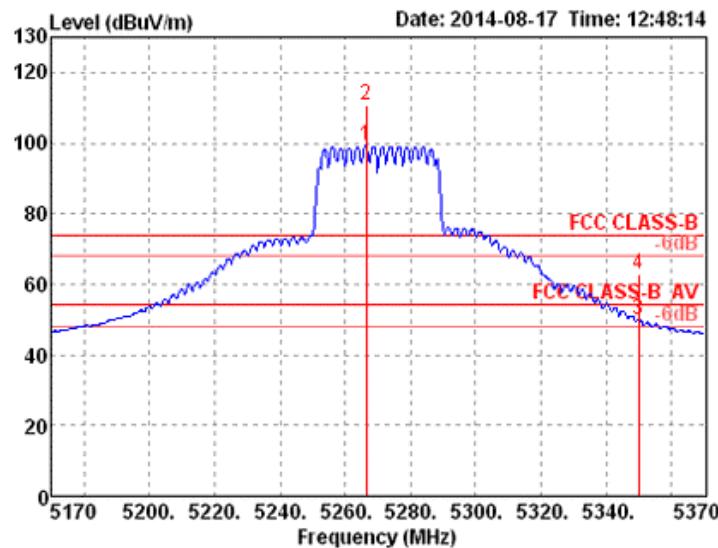


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1 5144.80	69.00	74.00	-5.00	66.37	3.43	34.11	34.91	Peak	185	62 VERTICAL
2 5150.00	52.49	54.00	-1.51	49.86	3.43	34.11	34.91	Average	185	62 VERTICAL
3 5223.60	99.74			96.99	3.46	34.20	34.91	Average	185	62 VERTICAL
4 5224.00	111.18			108.43	3.46	34.20	34.91	Peak	185	62 VERTICAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2

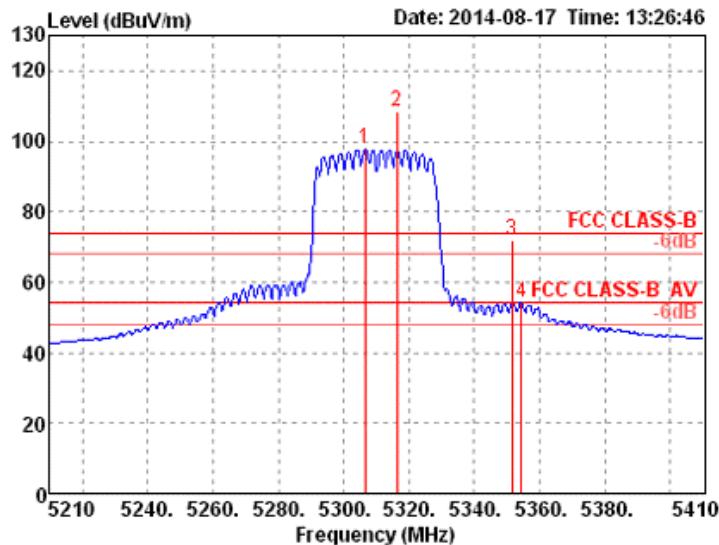
Channel 54


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			A/Pos cm	T/Pos deg	Pol/Phase
					Loss	Antenna Factor	Preamp Factor			
1 5266.40	99.11			96.29	3.46	34.27	34.91	Average	178	60 VERTICAL
2 5266.40	110.67			107.85	3.46	34.27	34.91	Peak	178	60 VERTICAL
3 5350.00	50.04	54.00	-3.96	47.07	3.49	34.39	34.91	Average	178	60 VERTICAL
4 5350.00	63.06	74.00	-10.94	60.09	3.49	34.39	34.91	Peak	178	60 VERTICAL

Item 1, 2 are the fundamental frequency at 5270 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 62

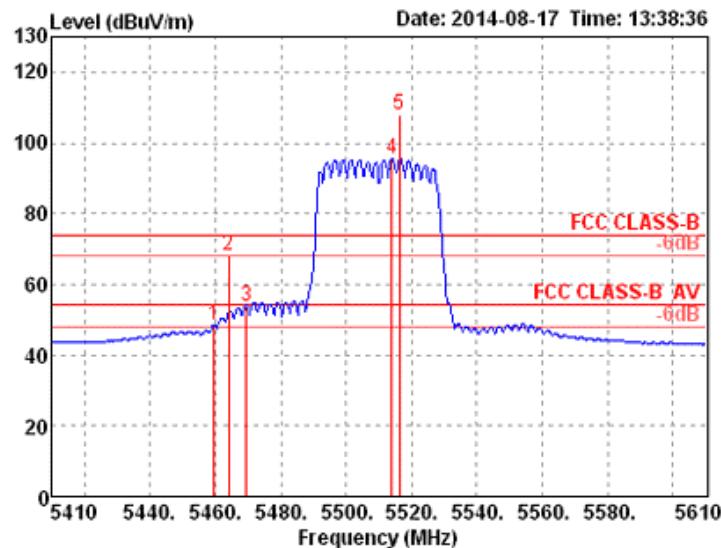


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
					Loss	Factor	Factor			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1 5306.40	97.64			94.75	3.48	34.32	34.91	Average	184	148 VERTICAL
2 5316.40	108.43			105.52	3.48	34.34	34.91	Peak	184	148 VERTICAL
3 5351.60	72.18	74.00	-1.82	69.21	3.49	34.39	34.91	Peak	184	148 VERTICAL
4 5354.40	53.98	54.00	-0.02	51.01	3.49	34.39	34.91	Average	184	148 VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

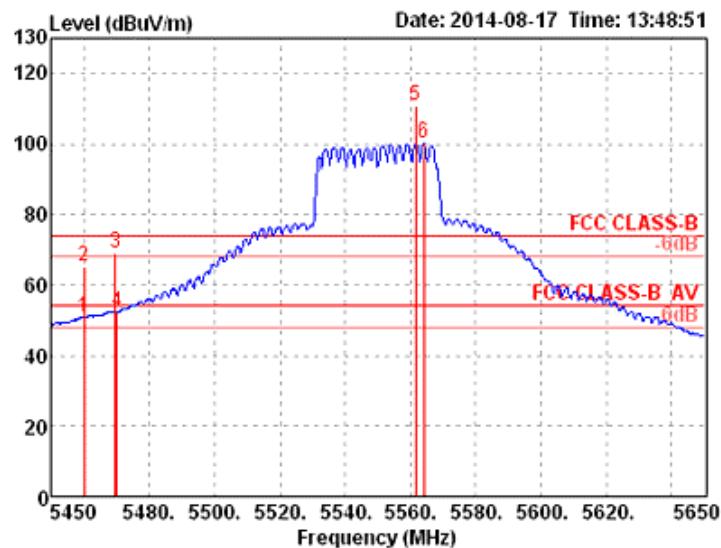
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2

Channel 102


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV			dB	dB/m	dB					
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1	5459.60	48.43	54.00	-5.57	45.30	3.52	34.53	34.92	Average			171	53	VERTICAL
2	5464.00	67.98	74.00	-6.02	64.83	3.52	34.55	34.92	Peak			171	53	VERTICAL
3	5469.60	53.93	54.00	-0.07	50.78	3.52	34.55	34.92	Average			171	53	VERTICAL
4	5514.00	95.51			92.28	3.54	34.61	34.92	Average			171	53	VERTICAL
5	5516.40	107.84			104.61	3.54	34.61	34.92	Peak			171	53	VERTICAL

Item 4, 5 are the fundamental frequency at 5510 MHz.

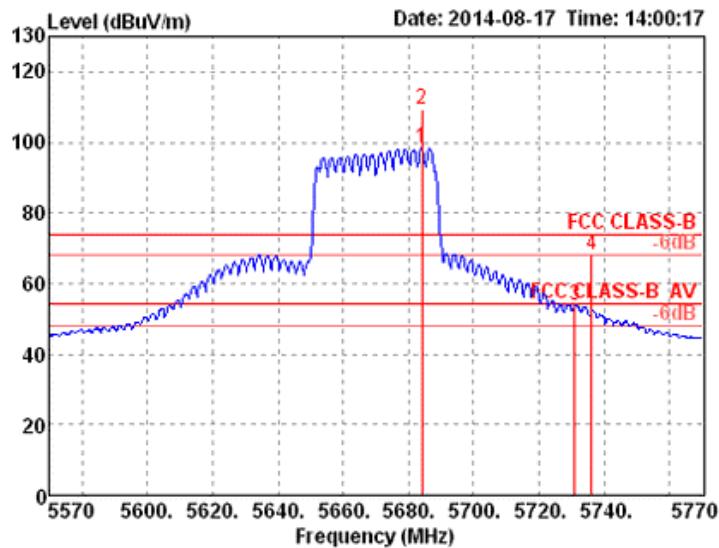
Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 110


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	dBuV/m			dB	dBuV	dB			
1	5460.00	50.67	54.00	-3.33	47.54	3.52	34.53	34.92	Average	163	54 VERTICAL
2	5460.00	65.47	74.00	-8.53	62.34	3.52	34.53	34.92	Peak	163	54 VERTICAL
3	5469.60	68.86	74.00	-5.14	65.71	3.52	34.55	34.92	Peak	163	54 VERTICAL
4	5470.00	52.41	54.00	-1.59	49.26	3.52	34.55	34.92	Average	163	54 VERTICAL
5	5561.60	111.01			107.77	3.55	34.62	34.93	Peak	163	54 VERTICAL
6	5564.00	100.03			96.79	3.55	34.62	34.93	Average	163	54 VERTICAL

Item 5, 6 are the fundamental frequency at 5550 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

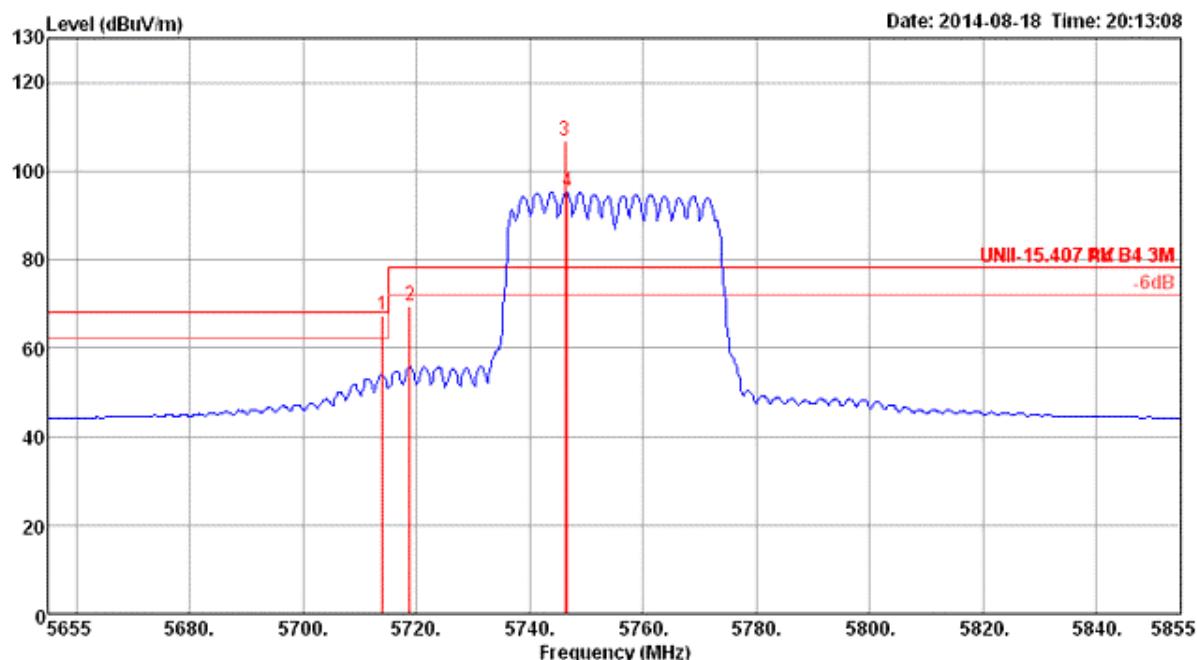
Channel 134


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5684.00	98.36			95.03	3.59	34.68	34.94	Average		146	53	VERTICAL
2 5684.00	109.55			106.22	3.59	34.68	34.94	Peak		146	53	VERTICAL
3 5731.00	53.90	54.00	-0.10	50.54	3.61	34.69	34.94	Average		146	53	VERTICAL
4 5736.20	67.93	74.00	-6.07	64.56	3.61	34.70	34.94	Peak		146	53	VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

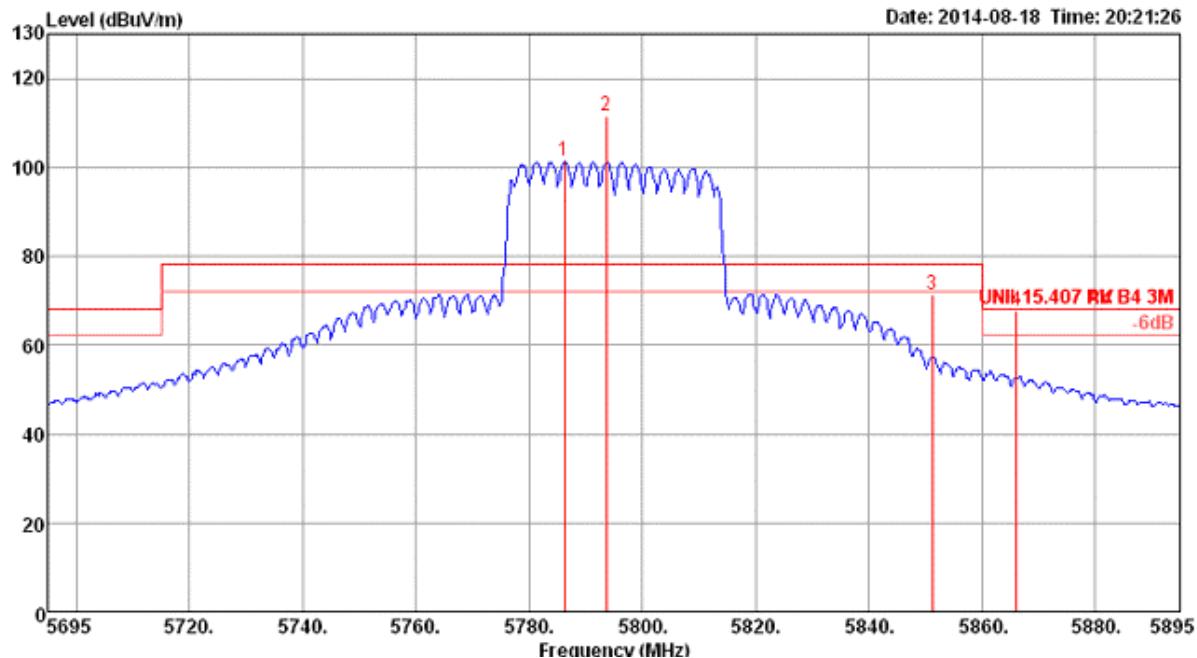
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 1 + Chain 2

Channel 151


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
1	5714.04	67.50	68.20	-0.70	61.39	6.44	34.87	35.20	Peak	183	131	VERTICAL
2	5718.91	69.52	78.20	-8.68	63.40	6.45	34.87	35.20	Peak	183	131	VERTICAL
3	5746.35	106.85			100.70	6.45	34.90	35.20	Peak	183	131	VERTICAL
4	5746.67	95.15			89.00	6.45	34.90	35.20	Average	183	131	VERTICAL

Item 3, 4 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

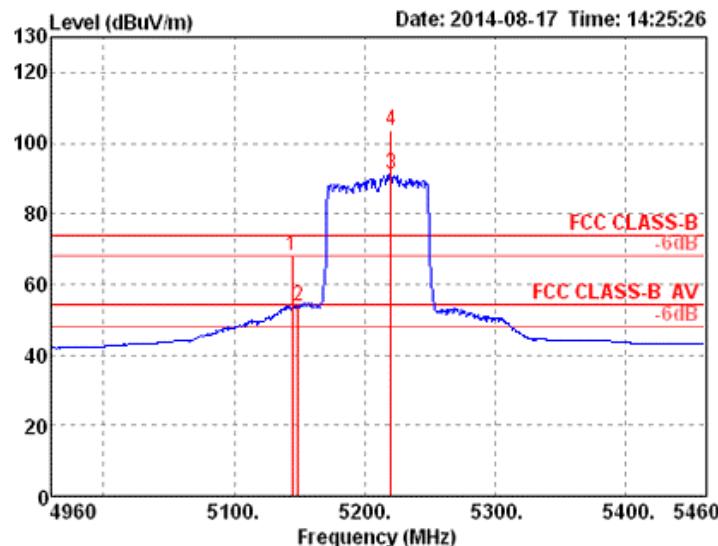
Channel 159


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 5786.35	101.22			95.02	6.47	34.93	35.20	Average		169	133	VERTICAL
2 5793.72	111.63			105.42	6.47	34.94	35.20	Peak		169	133	VERTICAL
3 5851.28	71.31	78.20	-6.89	65.04	6.49	34.98	35.20	Peak		169	133	VERTICAL
4 5866.09	67.59	68.20	-0.61	61.30	6.50	34.99	35.20	Peak		169	133	VERTICAL

Item 1, 2 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

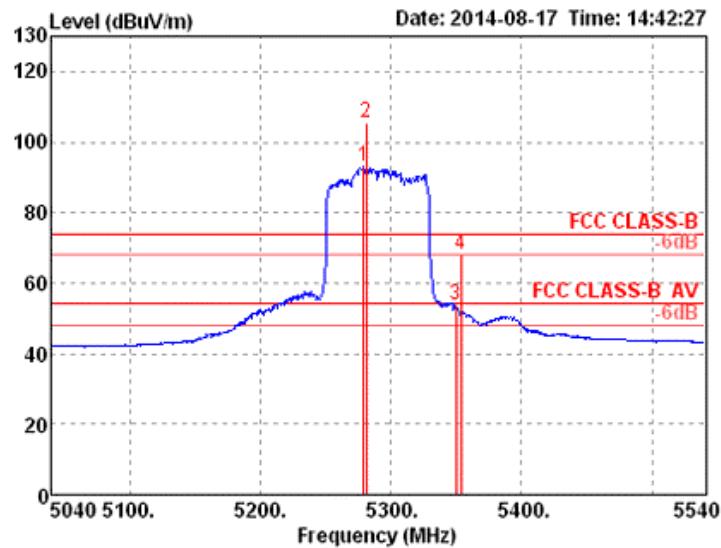
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58 / Chain 1 + Chain 2

Channel 42


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			A/Pos cm	T/Pos deg	Pol/Phase
					Loss	Factor	Factor			
1 5144.00	68.04	74.00	-5.96	65.41	3.43	34.11	34.91	Peak	185	154 VERTICAL
2 5149.00	53.79	54.00	-0.21	51.16	3.43	34.11	34.91	Average	185	154 VERTICAL
3 5220.00	91.00			88.26	3.45	34.20	34.91	Average	185	154 VERTICAL
4 5220.00	103.51			100.77	3.45	34.20	34.91	Peak	185	154 VERTICAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

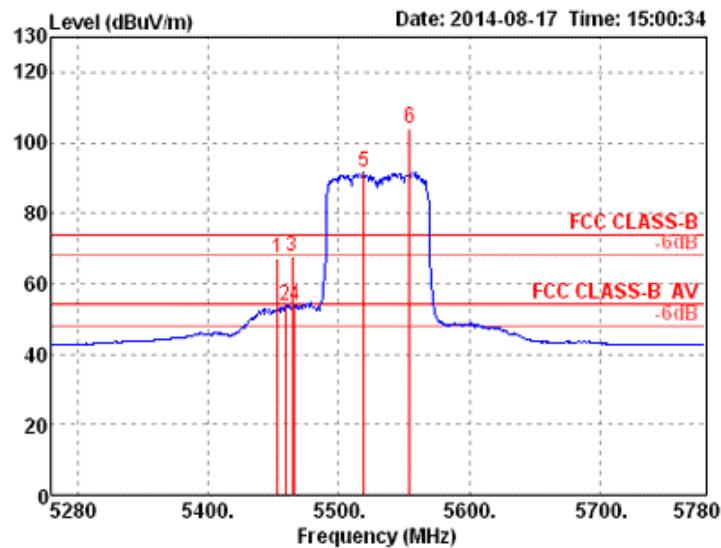
Channel 58


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5279.00	92.83			89.97	3.47	34.30	34.91	Average		232	145	VERTICAL
2 5281.00	105.58			102.72	3.47	34.30	34.91	Peak		232	145	VERTICAL
3 5350.00	53.53	54.00	-0.47	50.56	3.49	34.39	34.91	Average		232	145	VERTICAL
4 5354.00	68.07	74.00	-5.93	65.10	3.49	34.39	34.91	Peak		232	145	VERTICAL

Item 1, 2 are the fundamental frequency at 5290 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106, 155 / Chain 1 + Chain 2

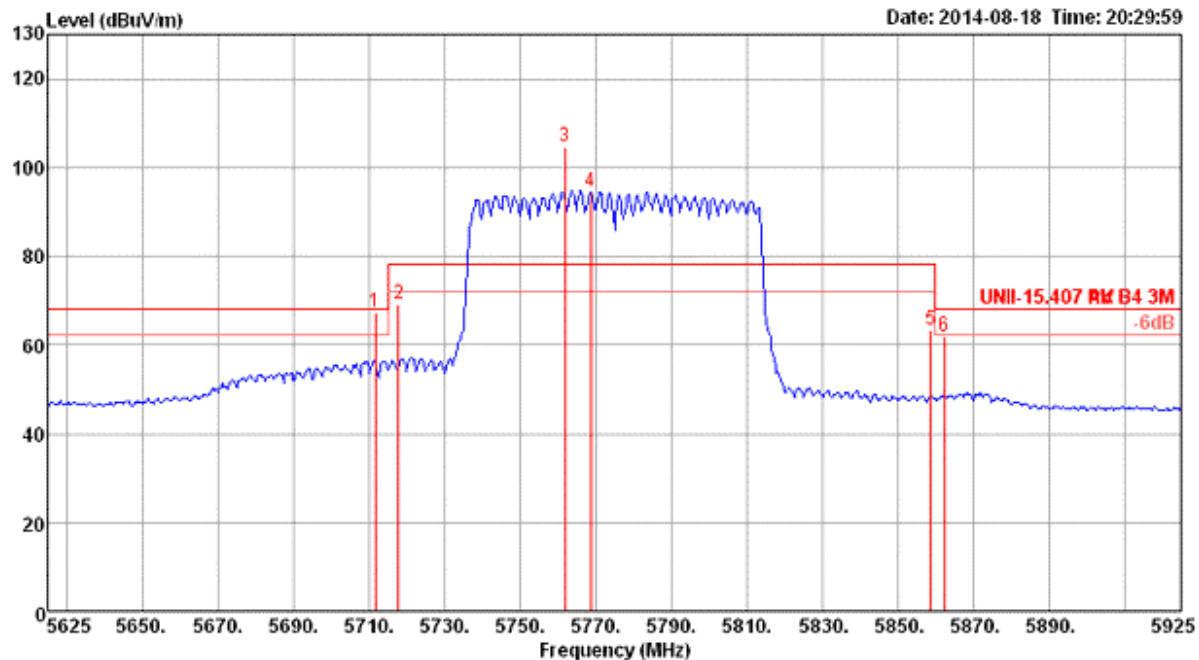
Channel 106


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB		cm	deg	
1	5453.00	67.23	74.00	-6.77	64.10	3.52	34.53	34.92	Peak	222	150	VERTICAL
2	5459.00	53.78	54.00	-0.22	50.65	3.52	34.53	34.92	Average	222	150	VERTICAL
3	5464.00	67.52	74.00	-6.48	64.37	3.52	34.55	34.92	Peak	222	150	VERTICAL
4	5466.00	53.58	54.00	-0.42	50.43	3.52	34.55	34.92	Average	222	150	VERTICAL
5	5519.00	91.56			88.33	3.54	34.61	34.92	Average	222	150	VERTICAL
6	5554.00	104.33			101.09	3.55	34.62	34.93	Peak	222	150	VERTICAL

Item 5, 6 are the fundamental frequency at 5530 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155

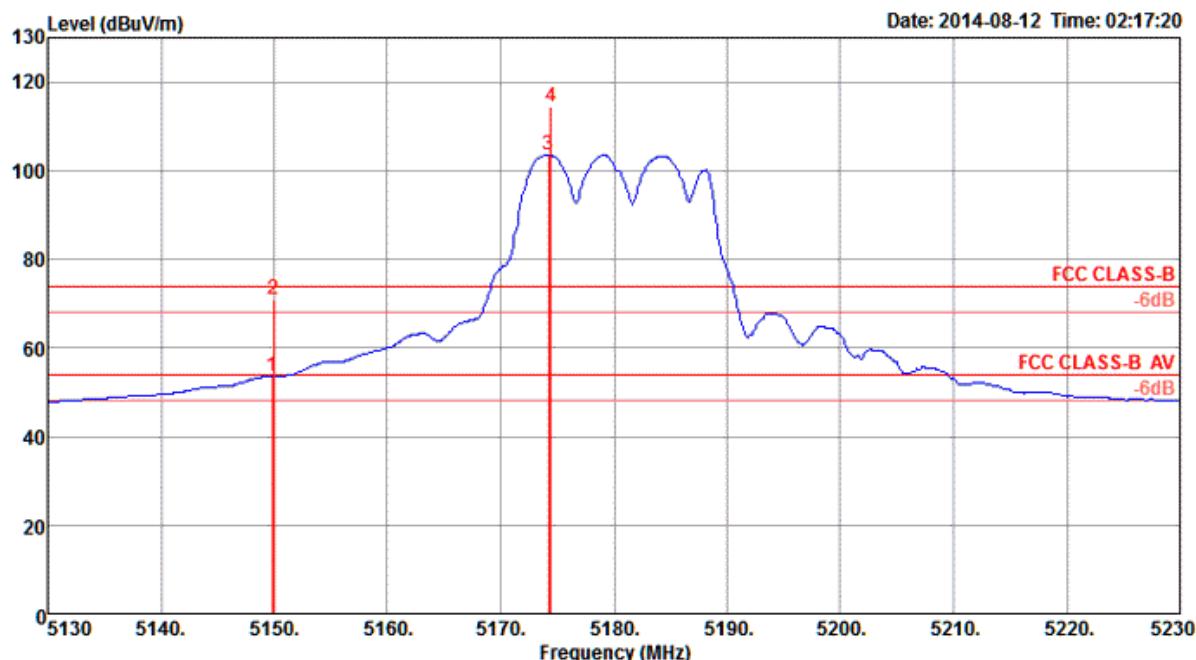


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5711.64	67.42	68.20	-0.78	61.31	6.44	34.87	35.20	Peak		181	134	VERTICAL
2 5717.79	69.04	78.20	-9.16	62.92	6.45	34.87	35.20	Peak		181	134	VERTICAL
3 5762.02	104.52			98.35	6.46	34.91	35.20	Peak		181	134	VERTICAL
4 5768.75	94.66			88.49	6.46	34.91	35.20	Average		181	134	VERTICAL
5 5858.65	63.27	78.20	-14.93	56.99	6.50	34.98	35.20	Peak		181	134	VERTICAL
6 5862.40	61.86	68.20	-6.34	55.57	6.50	34.99	35.20	Peak		181	134	VERTICAL

Item 3, 4 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 1 + Chain 2

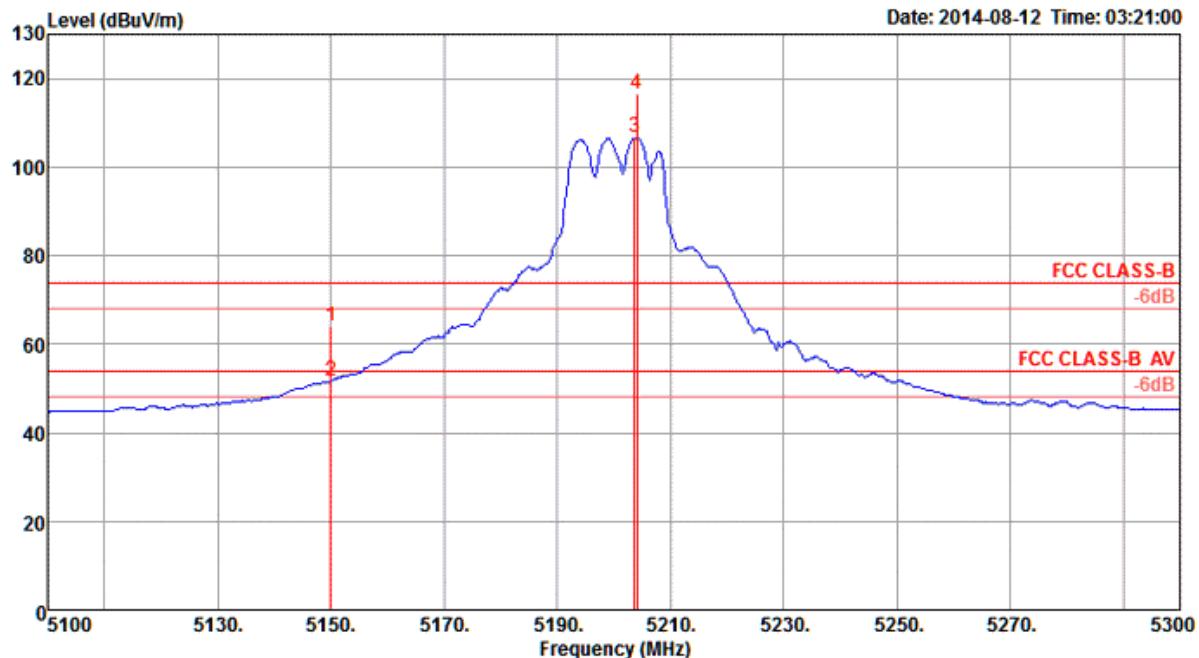
Channel 36


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Remark
					Loss	Factor	Pol/Phase					
1	5149.80	53.63	54.00	-0.37	50.68	4.34	33.14	34.53	VERTICAL	113	280	Average
2	5150.00	71.14	74.00	-2.86	68.19	4.34	33.14	34.53	VERTICAL	113	280	Peak
3	5174.20	103.72			100.70	4.36	33.19	34.53	VERTICAL	113	280	Average
4	5174.40	114.47			111.45	4.36	33.19	34.53	VERTICAL	113	280	Peak

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

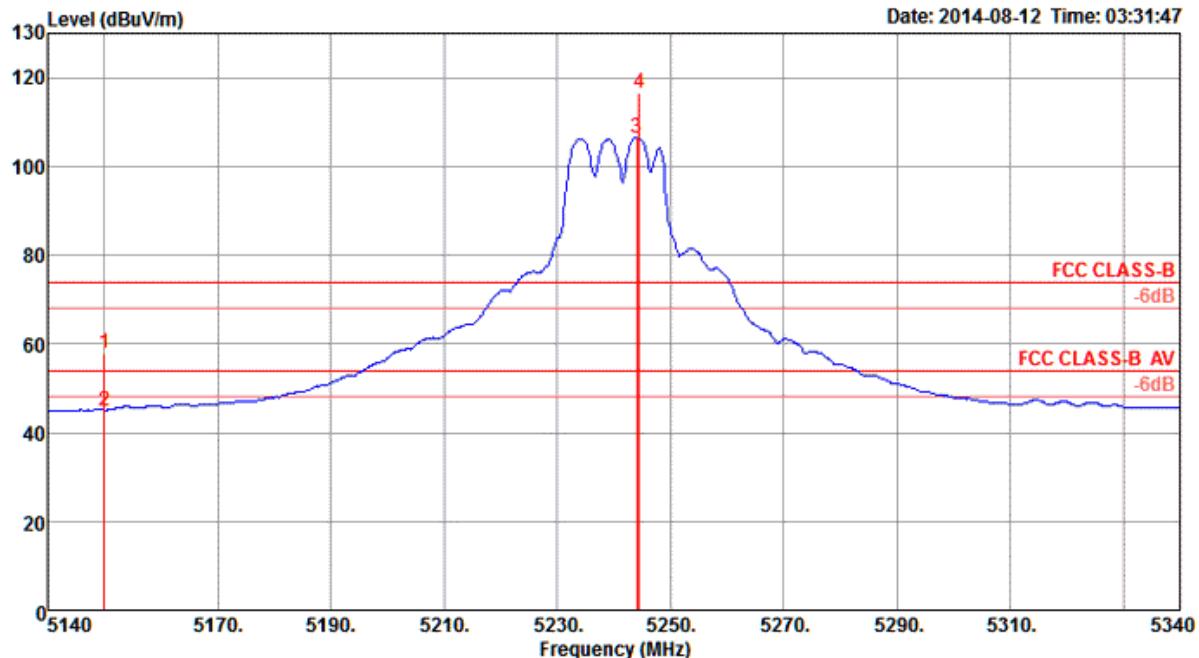
Channel 40



Freq	Level	Limit	Over	Read	Antenna			Preamp	A/Pos	T/Pos	Remark
					Line	Limit	Cable Loss	Factor			
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB		cm	deg
1 5150.00	64.04	74.00	-9.96	61.09	4.34	33.14	34.53	VERTICAL	102	279	Peak
2 5150.00	51.75	54.00	-2.25	48.80	4.34	33.14	34.53	VERTICAL	102	279	Average
3 5203.60	106.66			103.60	4.37	33.22	34.53	VERTICAL	102	279	Average
4 5204.00	116.59			113.53	4.37	33.22	34.53	VERTICAL	102	279	Peak

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

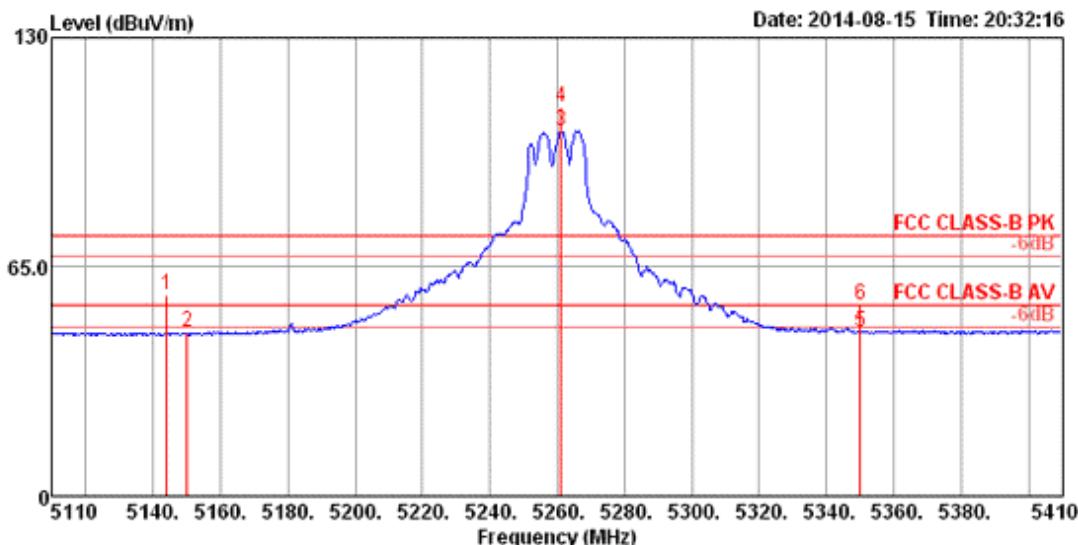
Channel 48


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable			Antenna Loss Factor	Preamp Factor	Pol/Phase	A/Pos cm	T/Pos deg	Remark
					Loss	Antenna	Preamp						
1 5150.00	57.77	74.00	-16.23	54.82	4.34	33.14	34.53	VERTICAL			100	279	Peak
2 5150.00	45.06	54.00	-8.94	42.11	4.34	33.14	34.53	VERTICAL			100	279	Average
3 5244.00	106.34			103.17	4.40	33.30	34.53	VERTICAL			100	279	Average
4 5244.40	116.74			113.57	4.40	33.30	34.53	VERTICAL			100	279	Peak

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

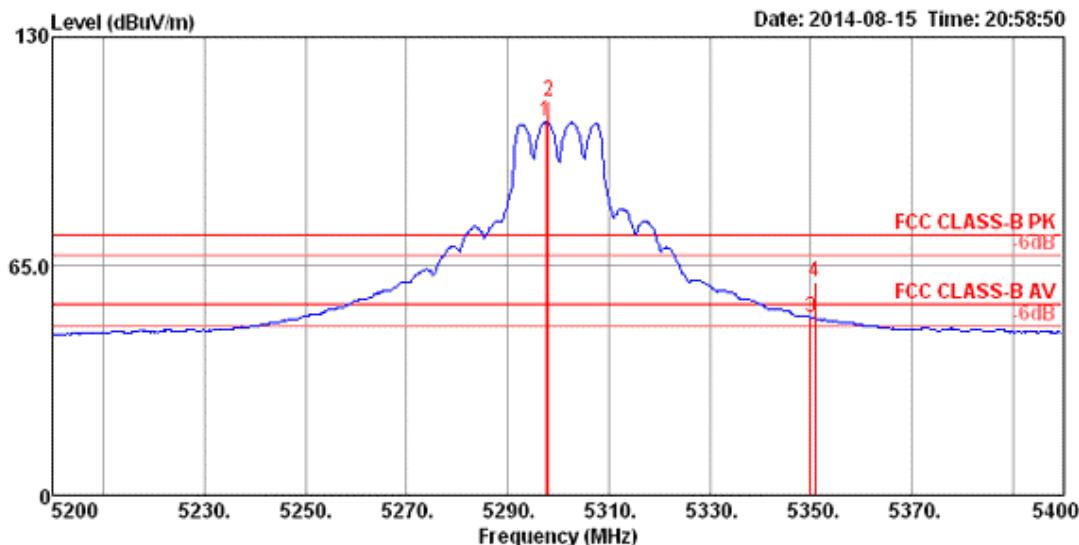
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 52, 60, 64 / Chain 1 + Chain 2

Channel 52


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m		dB	dBuV		dB	dB/m	dB	cm	deg		
1 5144.00	57.11	74.00	-16.89	53.51	5.99	33.02	35.41	100	152	VERTICAL	Peak		
2 5150.00	46.39	54.00	-7.61	42.79	5.99	33.02	35.41	100	152	VERTICAL	Average		
3 5261.20	103.61			99.90	6.06	33.10	35.45	100	152	VERTICAL	Average		
4 5261.20	110.38			106.67	6.06	33.10	35.45	100	152	VERTICAL	Peak		
5 5350.00	46.70	54.00	-7.30	42.68	6.11	33.40	35.49	100	152	VERTICAL	Average		
6 5350.00	54.43	74.00	-19.57	50.41	6.11	33.40	35.49	100	152	VERTICAL	Peak		

Item 3, 4 are the fundamental frequency at 5260 MHz.

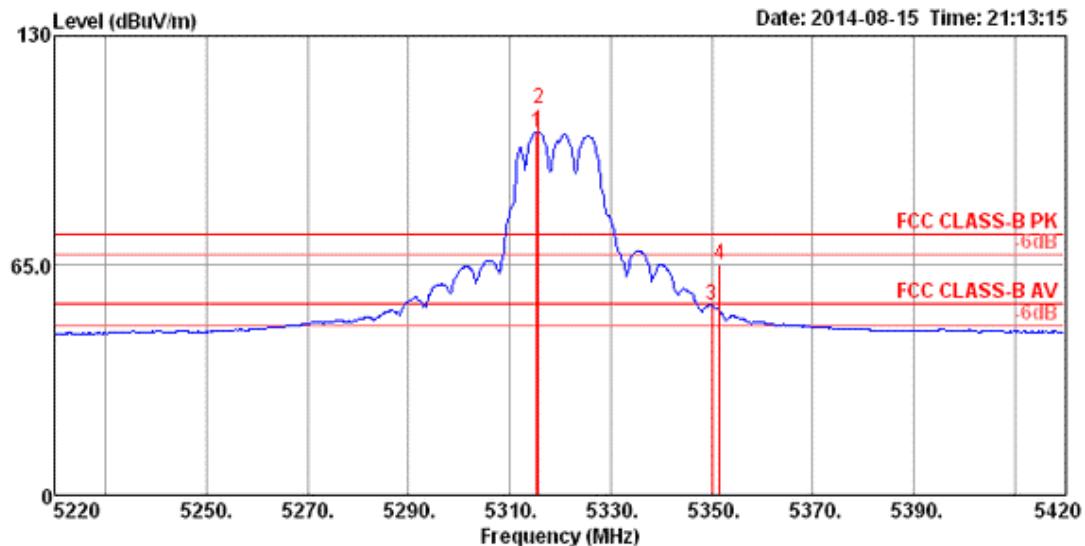
Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 60


Freq	Level	Limit	Over	Read	Cable		Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1	5297.60	105.89			102.03	6.08	33.25	35.47	171	138	VERTICAL	Average
2	5298.00	111.93			108.07	6.08	33.25	35.47	171	138	VERTICAL	Peak
3	5350.00	50.46	54.00	-3.54	46.44	6.11	33.40	35.49	171	138	VERTICAL	Average
4	5350.80	60.36	74.00	-13.64	56.34	6.11	33.40	35.49	171	138	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 5300 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

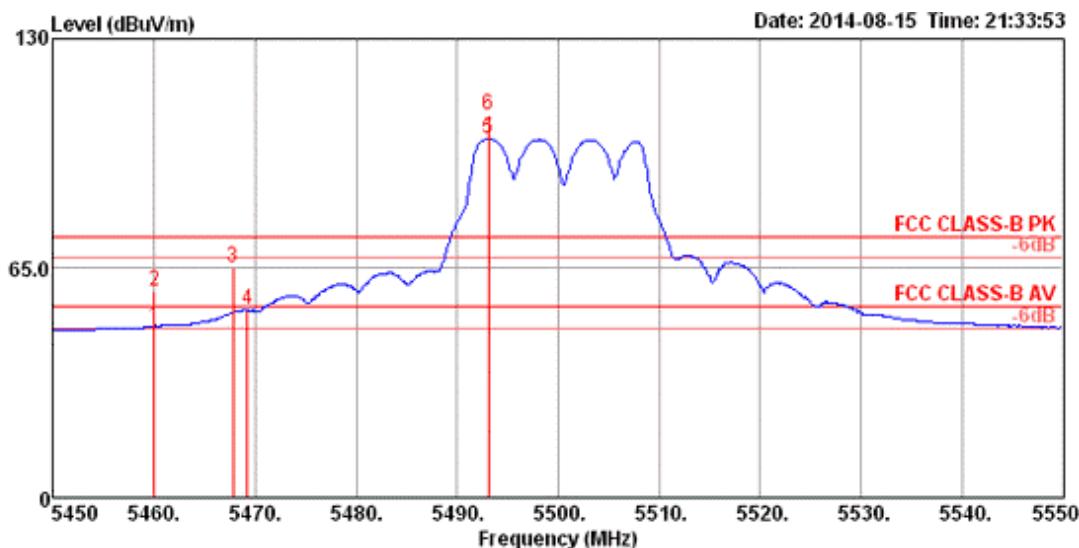
Channel 64


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit	Level						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1	5315.40	102.84			98.92	6.09	33.30	35.47	160	154	VERTICAL	Average	
2	5315.80	109.33			105.41	6.09	33.30	35.47	160	154	VERTICAL	Peak	
3	5350.00	53.63	54.00	-0.37	49.61	6.11	33.40	35.49	160	154	VERTICAL	Average	
4	5351.60	65.44	74.00	-8.56	61.42	6.11	33.40	35.49	160	154	VERTICAL	Peak	

Item 1, 2 are the fundamental frequency at 5320 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

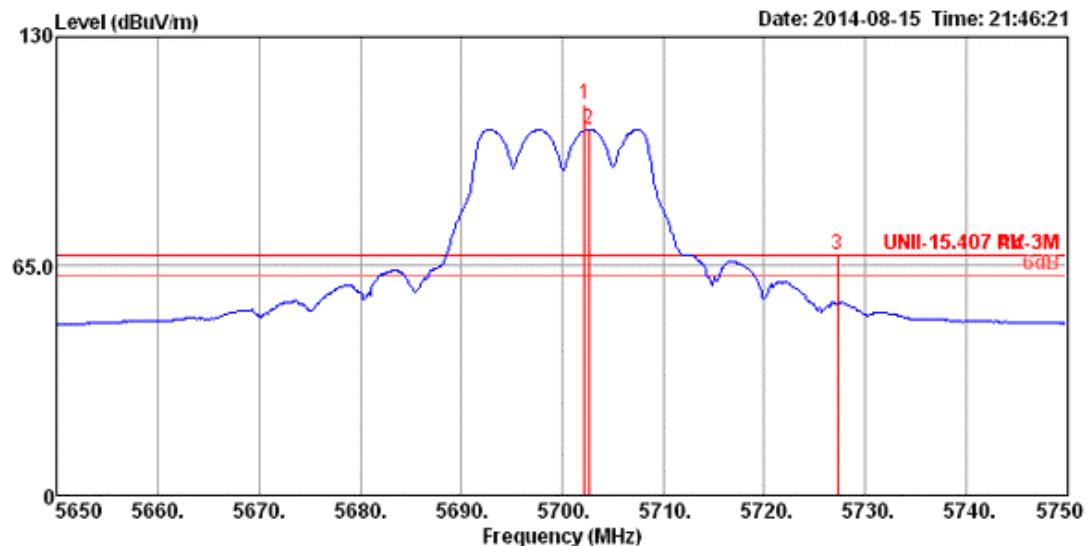
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 100, 140 / Chain 1 + Chain 2

Channel 100


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna			A/Pos	T/Pos	Pol/Phase	Remark
					Loss	Factor	Preamp Factor				
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	cm	deg	
1 5460.00	48.60	54.00	-5.40	44.20	6.18	33.75	35.53	186	35	VERTICAL	Average
2 5460.00	58.69	74.00	-15.31	54.29	6.18	33.75	35.53	186	35	VERTICAL	Peak
3 5467.80	65.42	74.00	-8.58	60.97	6.18	33.80	35.53	186	35	VERTICAL	Peak
4 5469.20	53.40	54.00	-0.60	48.95	6.18	33.80	35.53	186	35	VERTICAL	Average
5 5493.10	101.51			97.00	6.20	33.85	35.54	186	35	VERTICAL	Average
6 5493.10	108.37			103.86	6.20	33.85	35.54	186	35	VERTICAL	Peak

Item 5, 6 are the fundamental frequency at 5500 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

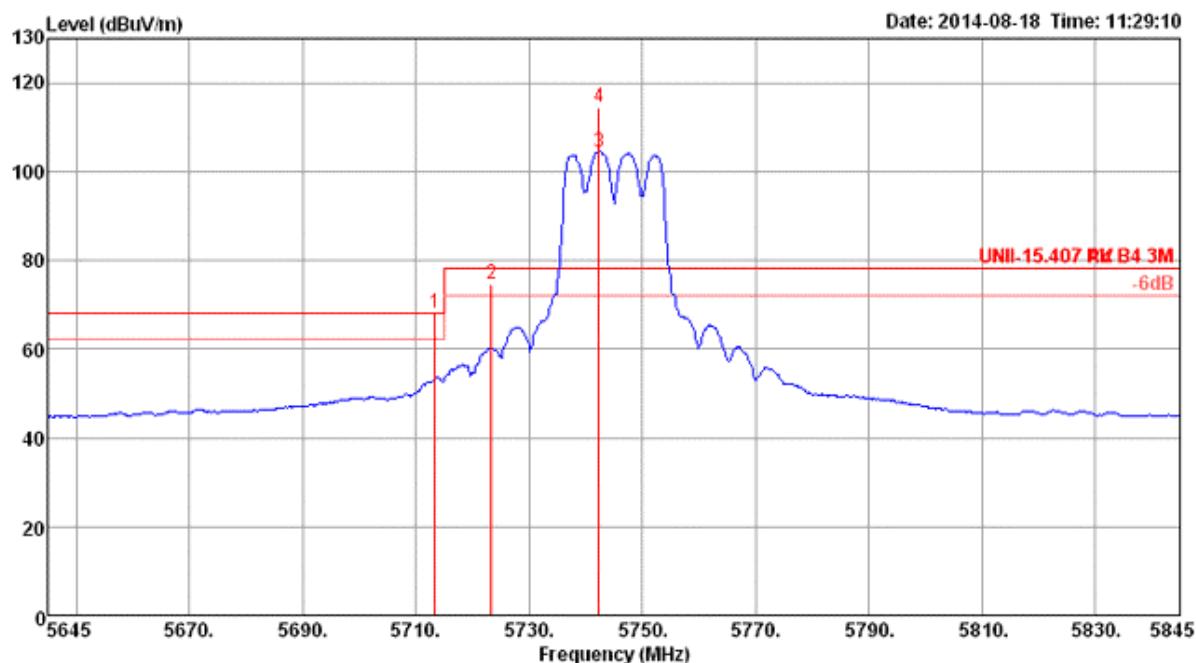
Channel 140


Freq	Level	Limit	Over	Read	Cable			Preamp	A/Pos	T/Pos	Pol/Phase	Remark
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1	5702.20	110.66			105.54	6.34	34.14	35.36	171	133	VERTICAL	Peak
2	5702.60	103.81			98.69	6.34	34.14	35.36	171	133	VERTICAL	Average
3	5727.30	67.90	68.20	-0.30	62.71	6.35	34.18	35.34	171	133	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 5700 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	EEE 802.11a CH 149, 157, 165 / Chain 1 + Chain 2

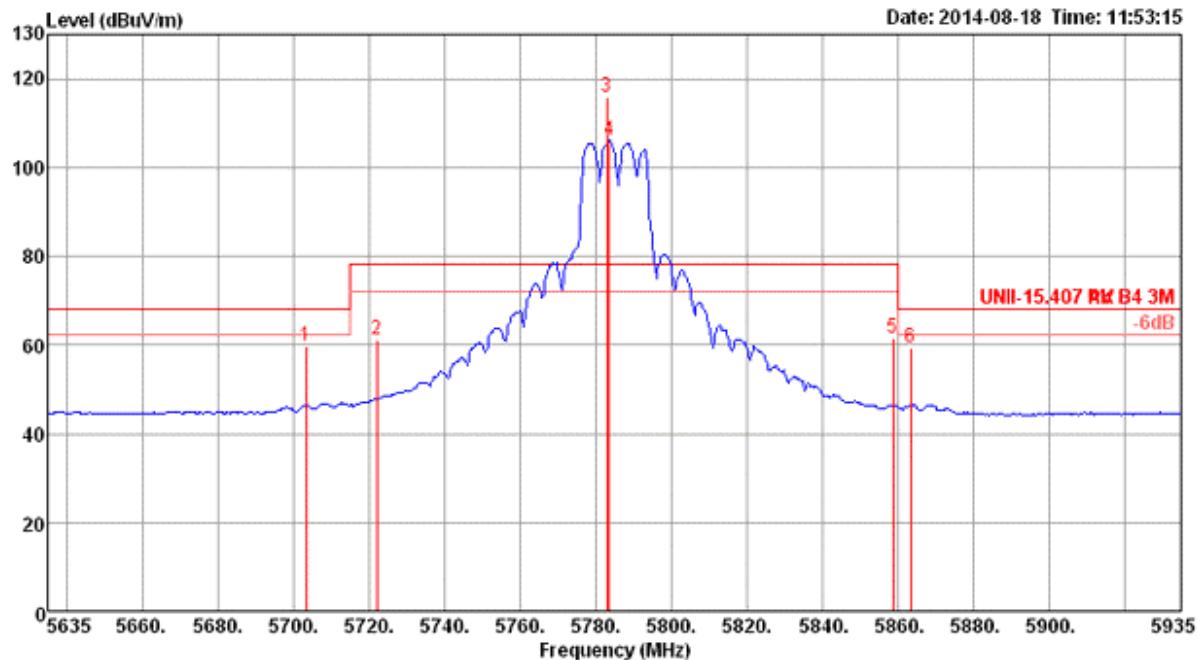
Channel 149


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
	MHz	dBuV/m	dBuV/m		dB		dBuV	dB	dB/m	dB	cm	deg
1	5713.40	67.93	68.20	-0.27	61.82	6.44	34.87	35.20	Peak	174	129	VERTICAL
2	5723.40	74.75	78.20	-3.45	68.61	6.45	34.89	35.20	Peak	174	129	VERTICAL
3	5742.44	104.30			98.15	6.45	34.90	35.20	Average	174	129	VERTICAL
4	5742.44	114.47			108.32	6.45	34.90	35.20	Peak	174	129	VERTICAL

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

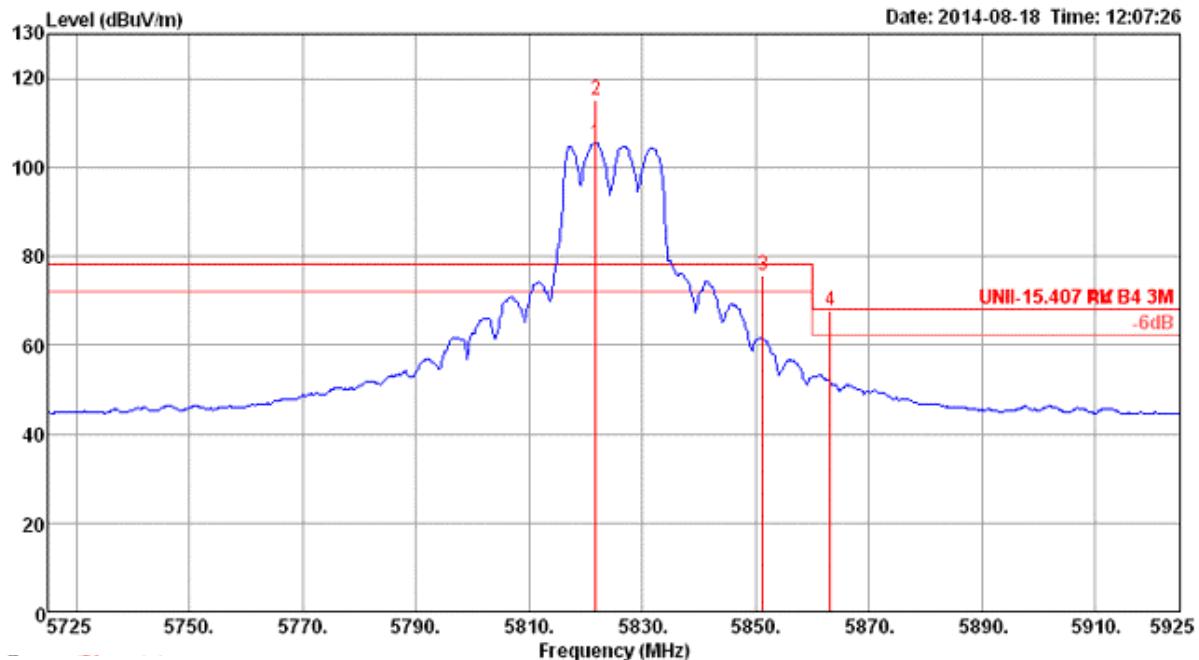


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5703.46	59.70	68.20	-8.50	53.60	6.44	34.86	35.20	Peak		170	324	VERTICAL
2 5722.12	61.21	78.20	-16.99	55.09	6.45	34.87	35.20	Peak		170	324	VERTICAL
3 5783.08	115.98			109.79	6.46	34.93	35.20	Peak		170	324	VERTICAL
4 5783.56	106.12			99.93	6.46	34.93	35.20	Average		170	324	VERTICAL
5 5858.65	61.42	78.20	-16.78	55.14	6.50	34.98	35.20	Peak		170	324	VERTICAL
6 5863.37	59.53	68.20	-8.67	53.24	6.50	34.99	35.20	Peak		170	324	VERTICAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



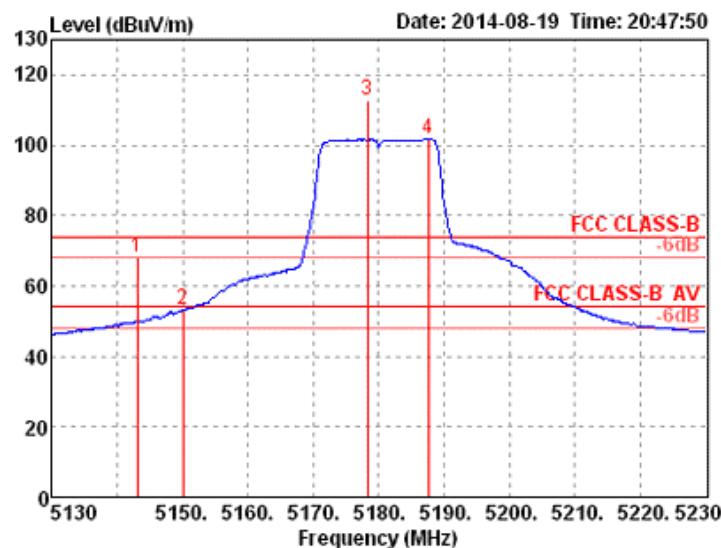
Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg			
1 5821.80	105.26			99.03	6.48	34.95	35.20	Average		165	136	VERTICAL
2 5821.80	114.97			108.74	6.48	34.95	35.20	Peak		165	136	VERTICAL
3 5851.28	75.86	78.20	-2.34	69.59	6.49	34.98	35.20	Peak		165	136	VERTICAL
4 5863.21	67.83	68.20	-0.37	61.54	6.50	34.99	35.20	Peak		165	136	VERTICAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

For Beamforming function:

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 1 + Chain 2

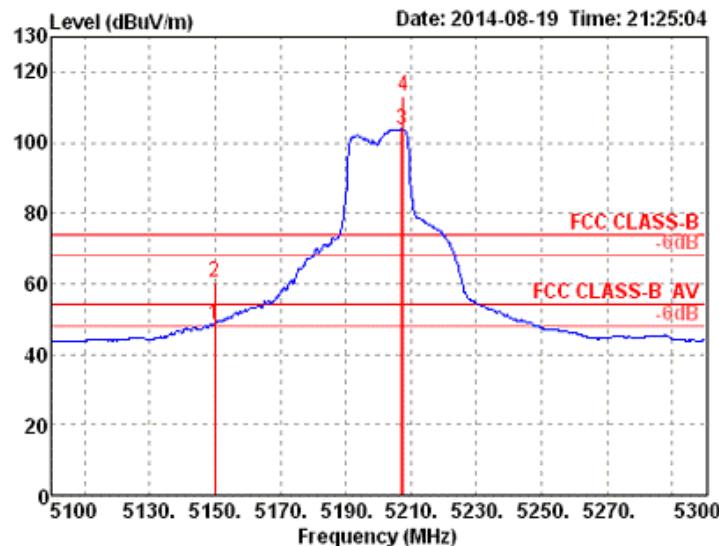
Channel 36


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	Remark				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5143.00	67.99	74.00	-6.01	65.36	3.43	34.11	34.91	Peak		180	25	VERTICAL
2 5150.00	53.19	54.00	-0.81	50.56	3.43	34.11	34.91	Average		180	25	VERTICAL
3 5178.20	112.71			110.02	3.44	34.16	34.91	Peak		180	25	VERTICAL
4 5187.60	101.65			98.96	3.44	34.16	34.91	Average		180	25	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

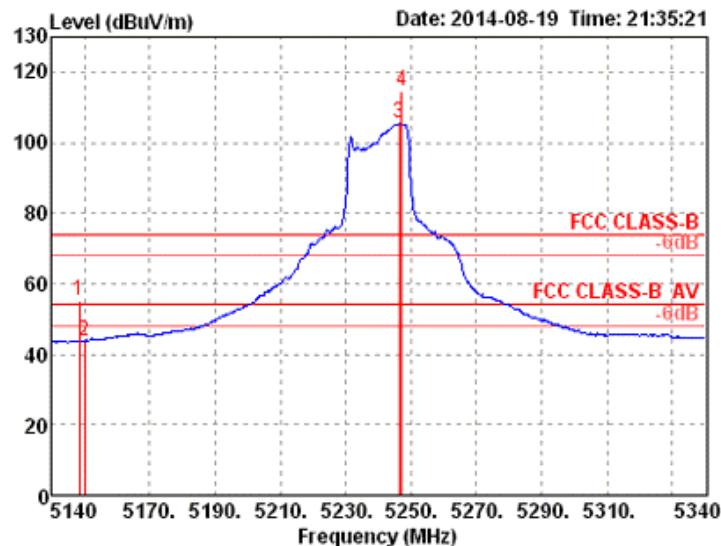
Channel 40



Freq	Level	Limit	Over	Read	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Cable Loss	Antenna Factor	Preamp Factor			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1 5150.00	48.25	54.00	-5.75	45.62	3.43	34.11	34.91	Average	183	13 VERTICAL
2 5150.00	60.61	74.00	-13.39	57.98	3.43	34.11	34.91	Peak	183	13 VERTICAL
3 5207.20	103.84			101.12	3.45	34.18	34.91	Average	183	13 VERTICAL
4 5207.60	113.07			110.33	3.45	34.20	34.91	Peak	183	13 VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

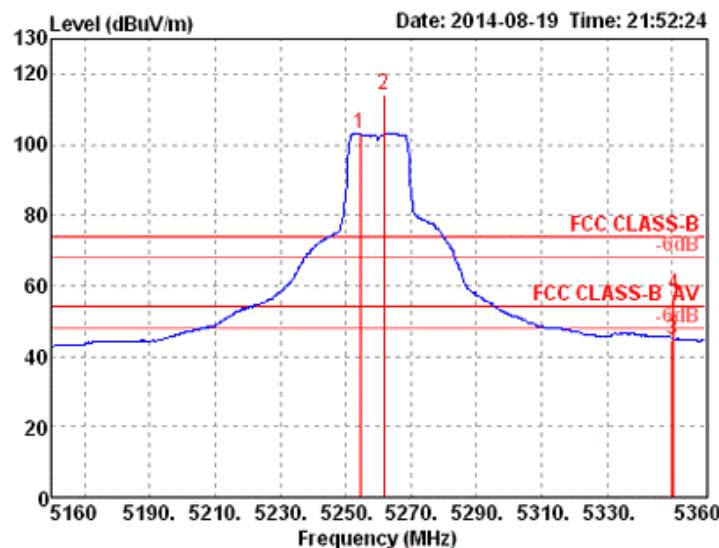
Channel 48


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1 5148.40	55.23	74.00	-18.77	52.60	3.43	34.11	34.91	Peak	169	347	VERTICAL
2 5150.00	43.69	54.00	-10.31	41.06	3.43	34.11	34.91	Average	169	347	VERTICAL
3 5246.40	105.33			102.53	3.46	34.25	34.91	Average	169	347	VERTICAL
4 5247.20	114.52			111.72	3.46	34.25	34.91	Peak	169	347	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 1 + Chain 2

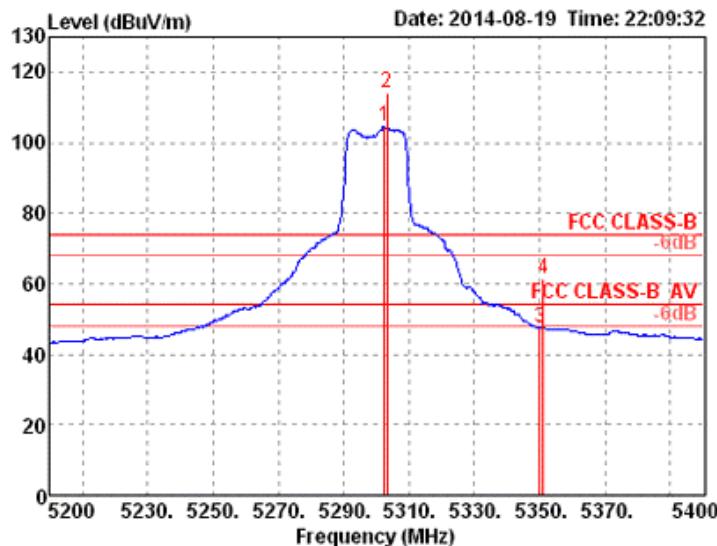
Channel 52


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5254.40	103.18		100.38	3.46	34.25	34.91	Average	188	309 VERTICAL	
2	5261.60	113.97		111.15	3.46	34.27	34.91	Peak	188	309 VERTICAL	
3	5350.00	44.76	54.00	-9.24	41.79	3.49	34.39	34.91	Average	188	309 VERTICAL
4	5350.40	57.64	74.00	-16.36	54.67	3.49	34.39	34.91	Peak	188	309 VERTICAL

Item 1, 2 are the fundamental frequency at 5260 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

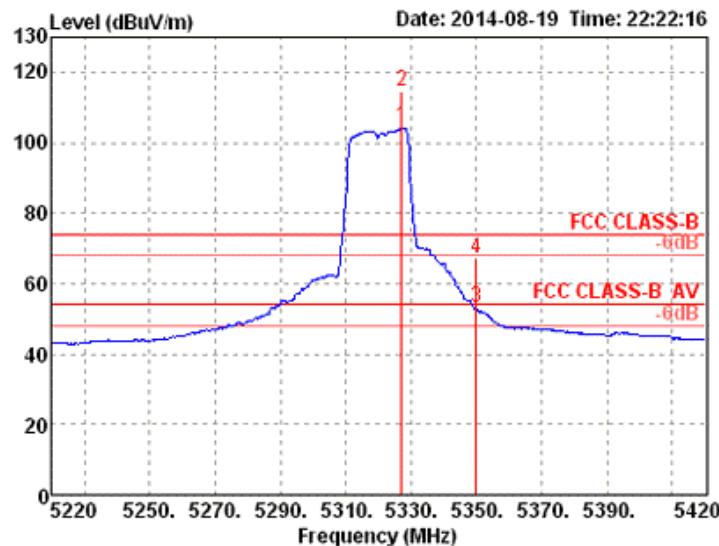
Channel 60



Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase	
					Loss	Factor	Factor				
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5302.40	104.39			101.50	3.48	34.32	34.91	Average	197	335 VERTICAL
2	5303.20	114.09			111.20	3.48	34.32	34.91	Peak	197	335 VERTICAL
3	5350.00	47.26	54.00	-6.74	44.29	3.49	34.39	34.91	Average	197	335 VERTICAL
4	5351.20	61.57	74.00	-12.43	58.60	3.49	34.39	34.91	Peak	197	335 VERTICAL

Item 1, 2 are the fundamental frequency at 5300 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

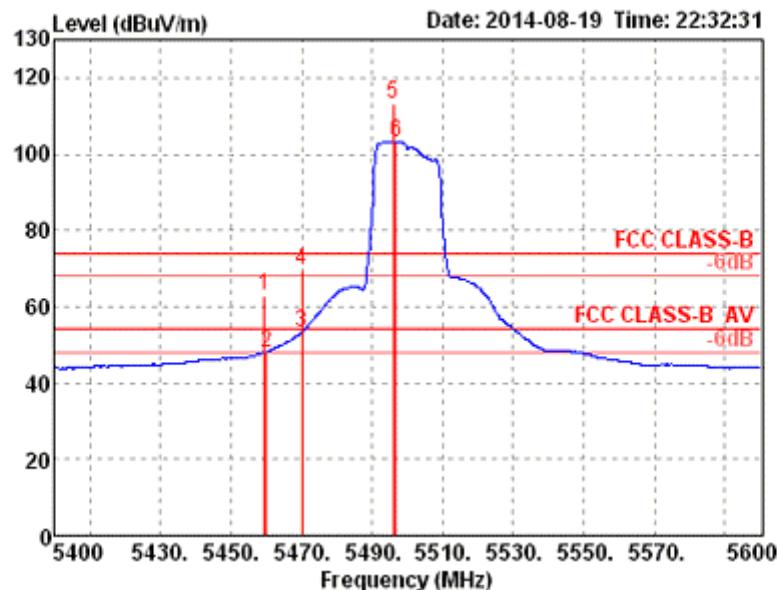
Channel 64


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5327.20	104.41			101.46	3.49	34.37	34.91	Average	213	0 VERTICAL
2	5327.20	114.44			111.49	3.49	34.37	34.91	Peak	213	0 VERTICAL
3	5350.00	53.40	54.00	-0.60	50.43	3.49	34.39	34.91	Average	213	0 VERTICAL
4	5350.00	67.22	74.00	-6.78	64.25	3.49	34.39	34.91	Peak	213	0 VERTICAL

Item 1, 2 are the fundamental frequency at 5320 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

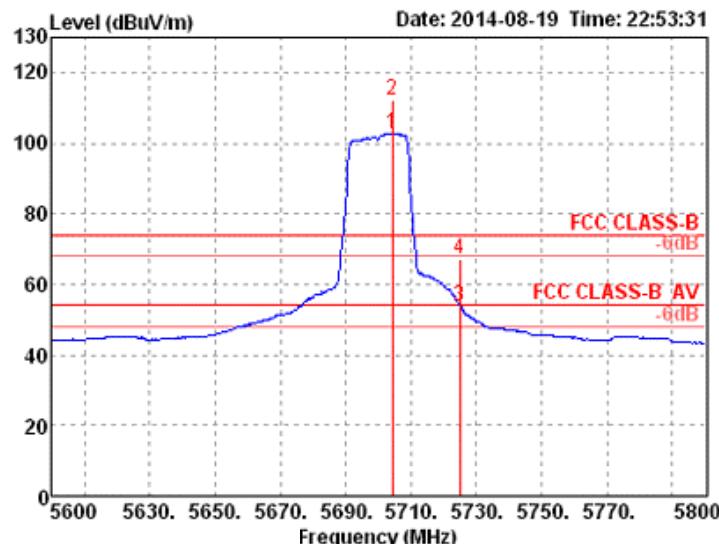
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 140 / Chain 1 + Chain 2

Channel 100


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB		cm	deg	
1	5459.60	62.79	74.00	-11.21	59.66	3.52	34.53	34.92 Peak	202	122	VERTICAL
2	5460.00	48.06	54.00	-5.94	44.93	3.52	34.53	34.92 Average	202	122	VERTICAL
3	5470.00	53.08	54.00	-0.92	49.93	3.52	34.55	34.92 Average	202	122	VERTICAL
4	5470.20	69.50	74.00	-4.50	66.35	3.52	34.55	34.92 Peak	202	122	VERTICAL
5	5496.00	113.43			110.24	3.53	34.58	34.92 Peak	202	122	VERTICAL
6	5496.80	103.29			100.08	3.53	34.60	34.92 Average	202	122	VERTICAL

Item 5, 6 are the fundamental frequency at 5500 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

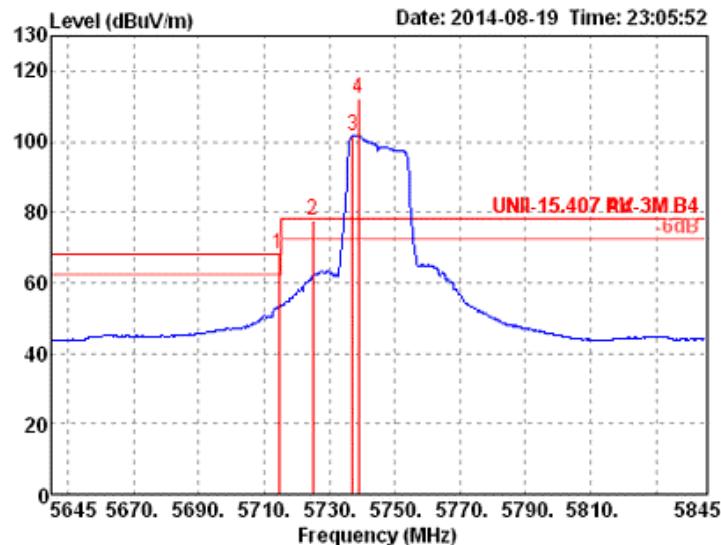
Channel 140


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase	
		Line	Limit	Level	Cable Loss	Antenna Factor	Preamp Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5704.40	102.84		99.51	3.59	34.68	34.94	Average	167	130 VERTICAL	
2	5704.40	112.30		108.97	3.59	34.68	34.94	Peak	167	130 VERTICAL	
3	5725.00	53.92	54.00	-0.08	50.57	3.60	34.69	34.94	Average	167	130 VERTICAL
4	5725.00	67.05	74.00	-6.95	63.70	3.60	34.69	34.94	Peak	167	130 VERTICAL

Item 1, 2 are the fundamental frequency at 5700 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2

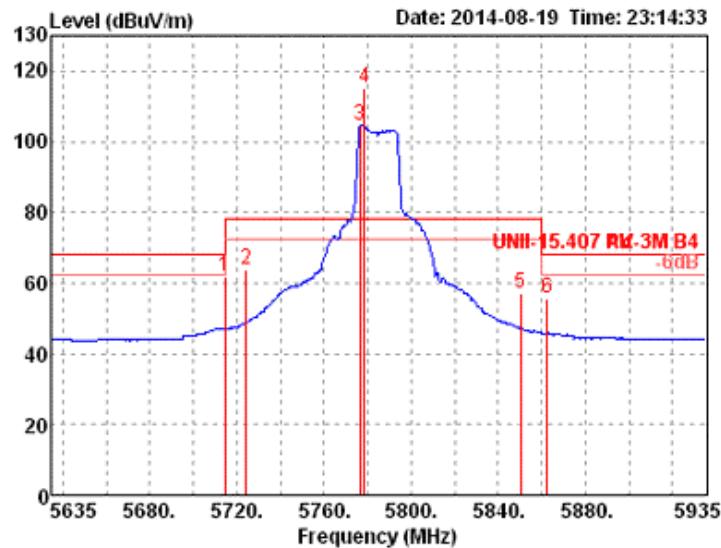
Channel 149


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV			dB	dB/m	dB					
		MHz	dBuV/m	dBuV/m		dB						cm	deg	
1	5714.60	68.11	68.20	-0.09	64.77	3.60	34.68	34.94	Peak		197	29	VERTICAL	
2	5725.00	77.53	78.20	-0.67	74.18	3.60	34.69	34.94	Peak		197	29	VERTICAL	
3	5737.00	101.64			98.27	3.61	34.70	34.94	Average		197	29	VERTICAL	
4	5739.00	112.24			108.87	3.61	34.70	34.94	Peak		197	29	VERTICAL	

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

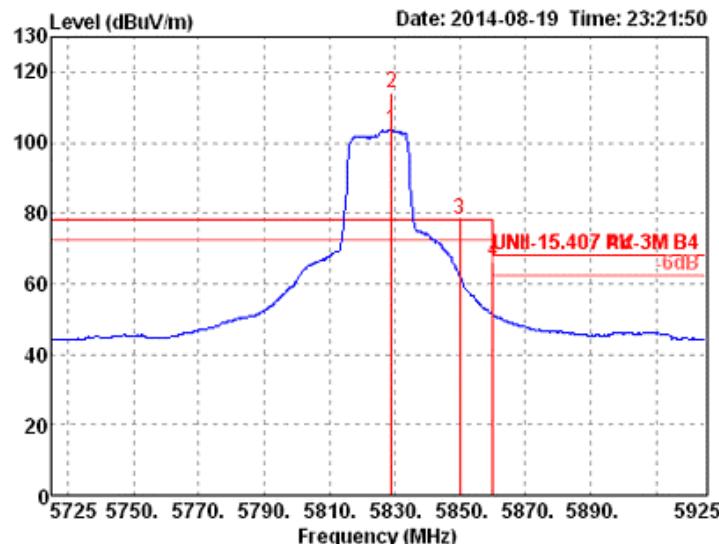


Freq	Level	Limit	Over	Read	Antenna			Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Cable Loss	Antenna Factor	Preamp Factor					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5714.50	61.84	68.20	-6.36	58.50	3.60	34.68	34.94	Peak		161	126	VERTICAL
2 5724.40	63.61	78.20	-14.59	60.26	3.60	34.69	34.94	Peak		161	126	VERTICAL
3 5776.60	104.68			101.29	3.62	34.71	34.94	Average		161	126	VERTICAL
4 5778.40	115.36			111.97	3.62	34.71	34.94	Peak		161	126	VERTICAL
5 5850.40	57.01	78.20	-21.19	53.58	3.64	34.74	34.95	Peak		161	126	VERTICAL
6 5862.40	55.62	68.20	-12.58	52.18	3.65	34.74	34.95	Peak		161	126	VERTICAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165

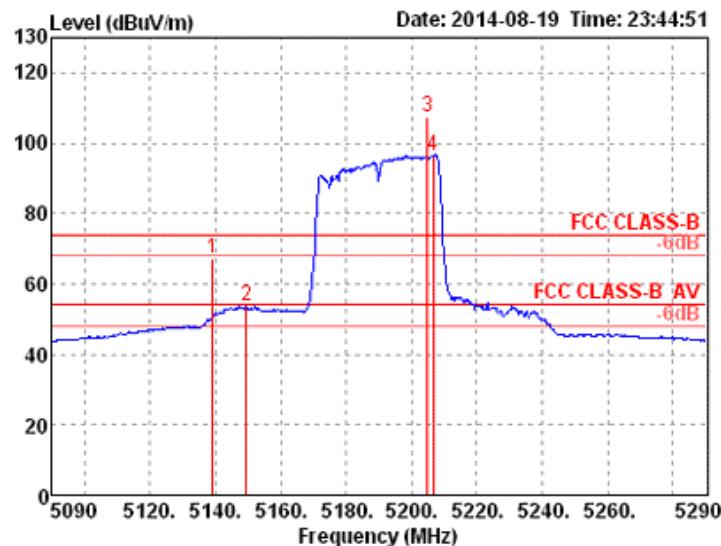


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase	
					Cable Loss	Antenna Factor	Preamp Factor					
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5829.00	103.41		100.00	3.63	34.73	34.95	Average	182	121	VERTICAL	
2	5829.00	114.36		110.95	3.63	34.73	34.95	Peak	182	121	VERTICAL	
3	5850.00	78.18	78.20	-0.02	74.75	3.64	34.74	34.95	Peak	182	121	VERTICAL
4	5860.20	66.42	68.20	-1.78	62.98	3.65	34.74	34.95	Peak	182	121	VERTICAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 1 + Chain 2

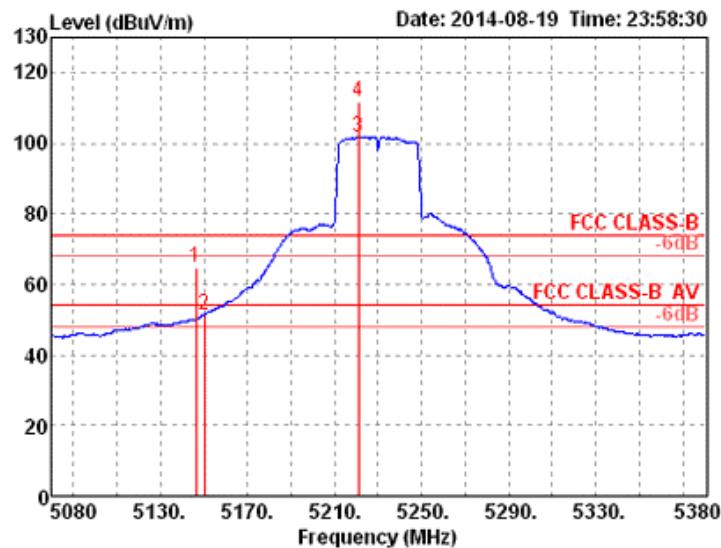
Channel 38


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	dB			dBuV	dB	dB/m			
MHz	dBuV/m	dBuV/m	dB	dB	dBuV	dB	dB	dB/m	dB	cm	deg
1	5139.20	67.23	74.00	-6.77	64.62	3.43	34.09	34.91	Peak	169	349 VERTICAL
2	5149.60	53.78	54.00	-0.22	51.15	3.43	34.11	34.91	Average	169	349 VERTICAL
3	5204.80	107.34			104.62	3.45	34.18	34.91	Peak	169	349 VERTICAL
4	5206.80	96.47			93.75	3.45	34.18	34.91	Average	169	349 VERTICAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46

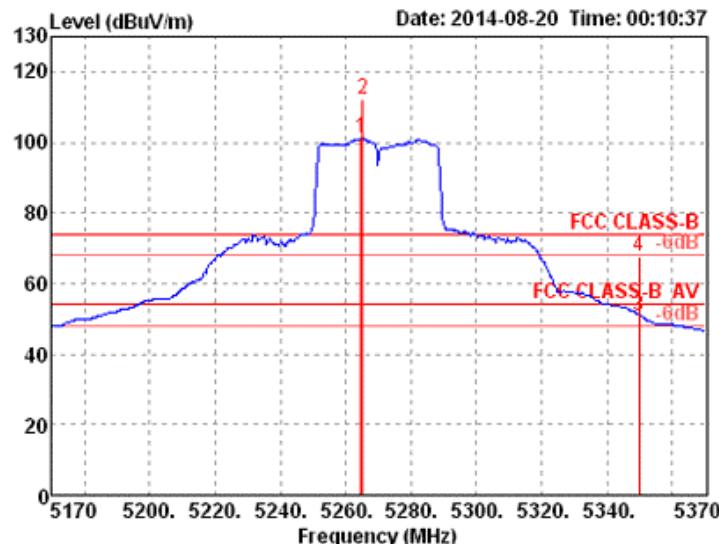


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase	
					Cable Loss	Antenna Factor	Preamp Factor				
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5146.40	64.79	74.00	-9.21	62.16	3.43	34.11	34.91	Peak	181	355 VERTICAL
2	5150.00	51.42	54.00	-2.58	48.79	3.43	34.11	34.91	Average	181	355 VERTICAL
3	5221.00	101.75			99.00	3.46	34.20	34.91	Average	181	355 VERTICAL
4	5221.00	111.81			109.06	3.46	34.20	34.91	Peak	181	355 VERTICAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

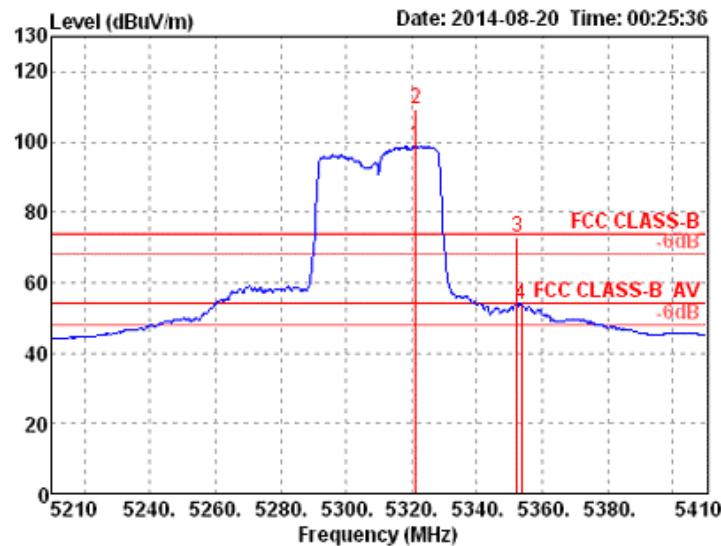
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 1 + Chain 2

Channel 54


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase	
		Line	Limit	Level	Cable Loss	Antenna Factor	Preamp Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5264.80	101.01		98.19	3.46	34.27	34.91	Average	176	340 VERTICAL	
2	5265.20	112.43		109.61	3.46	34.27	34.91	Peak	176	340 VERTICAL	
3	5350.00	50.86	54.00	-3.14	47.89	3.49	34.39	34.91	Average	176	340 VERTICAL
4	5350.00	67.62	74.00	-6.38	64.65	3.49	34.39	34.91	Peak	176	340 VERTICAL

Item 1, 2 are the fundamental frequency at 5270 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

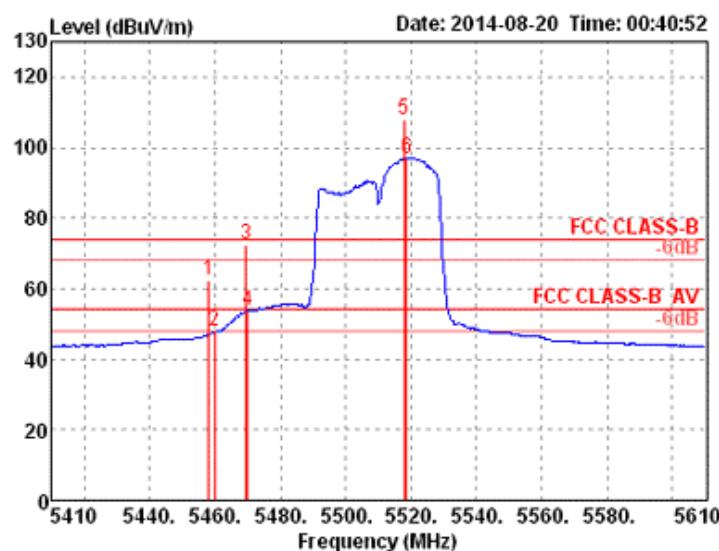
Channel 62


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	CableAntenna Preamp			Remark	A/Pos cm	T/Pos deg	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 5321.20	98.74			95.83	3.48	34.34	34.91	Average	147	322	VERTICAL
2 5321.20	109.53			106.62	3.48	34.34	34.91	Peak	147	322	VERTICAL
3 5352.40	72.97	74.00	-1.03	70.00	3.49	34.39	34.91	Peak	147	322	VERTICAL
4 5353.60	53.75	54.00	-0.25	50.78	3.49	34.39	34.91	Average	147	322	VERTICAL

Item 1, 2 are the fundamental frequency at 5310 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 1 + Chain 2

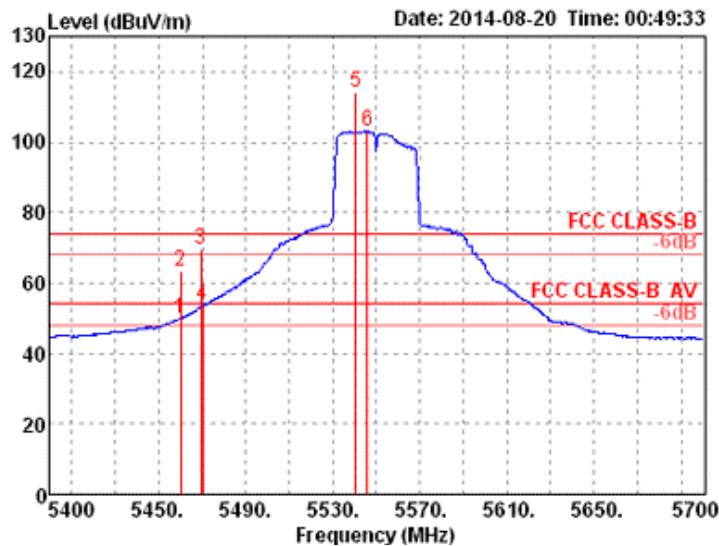
Channel 102


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1 5458.00	62.27	74.00	-11.73	59.14	3.52	34.53	34.92	Peak	100	174	VERTICAL
2 5460.00	47.75	54.00	-6.25	44.62	3.52	34.53	34.92	Average	100	174	VERTICAL
3 5469.60	72.28	74.00	-1.72	69.13	3.52	34.55	34.92	Peak	100	174	VERTICAL
4 5470.00	53.95	54.00	-0.05	50.80	3.52	34.55	34.92	Average	100	174	VERTICAL
5 5518.00	107.83			104.60	3.54	34.61	34.92	Peak	100	174	VERTICAL
6 5518.80	97.09			93.86	3.54	34.61	34.92	Average	100	174	VERTICAL

Item 5, 6 are the fundamental frequency at 5510 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

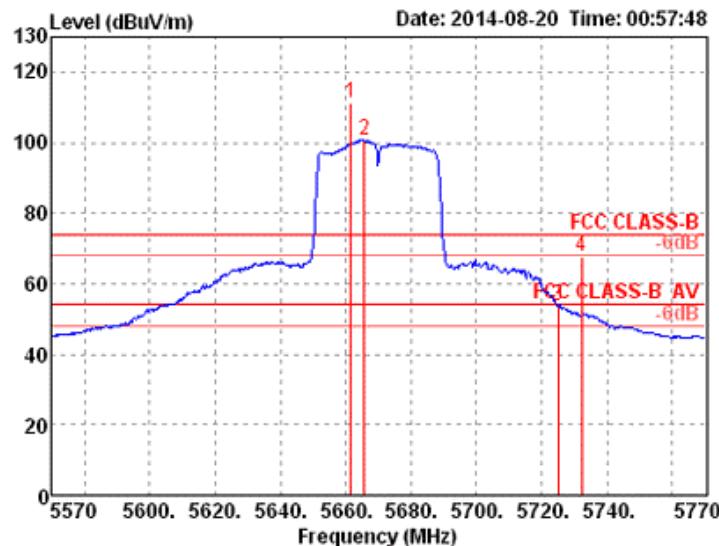
Channel 110



Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
					Loss	Factor	dB						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg				
1 5460.00	49.99	54.00	-4.01	46.86	3.52	34.53	34.92	Average		169	126	VERTICAL	
2 5460.00	63.46	74.00	-10.54	60.33	3.52	34.53	34.92	Peak		169	126	VERTICAL	
3 5469.40	69.59	74.00	-4.41	66.44	3.52	34.55	34.92	Peak		169	126	VERTICAL	
4 5470.00	53.78	54.00	-0.22	50.63	3.52	34.55	34.92	Average		169	126	VERTICAL	
5 5540.40	114.14			110.90	3.55	34.61	34.92	Peak		169	126	VERTICAL	
6 5545.80	103.01			99.77	3.55	34.61	34.92	Average		169	126	VERTICAL	

Item 5, 6 are the fundamental frequency at 5550 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

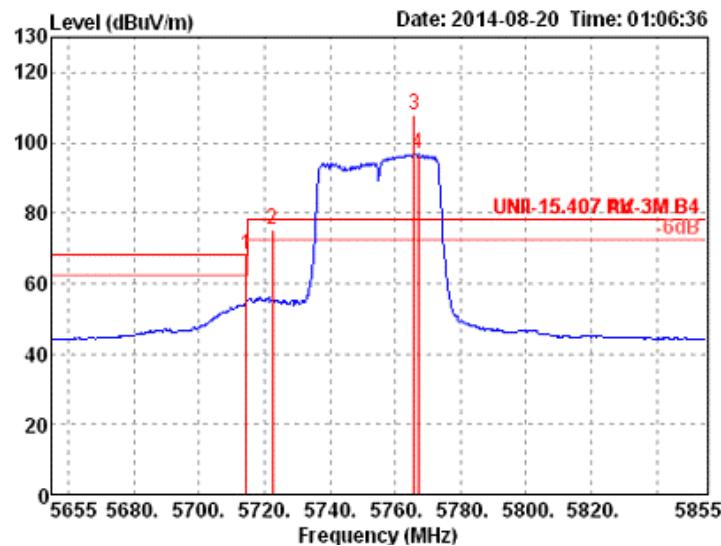
Channel 134


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5661.60	111.43			108.11	3.59	34.66	34.93	Peak	185	132 VERTICAL
2	5665.60	100.78			97.46	3.59	34.66	34.93	Average	185	132 VERTICAL
3	5725.00	53.88	54.00	-0.12	50.53	3.60	34.69	34.94	Average	185	132 VERTICAL
4	5732.20	67.83	74.00	-6.17	64.47	3.61	34.69	34.94	Peak	185	132 VERTICAL

Item 1, 2 are the fundamental frequency at 5670 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

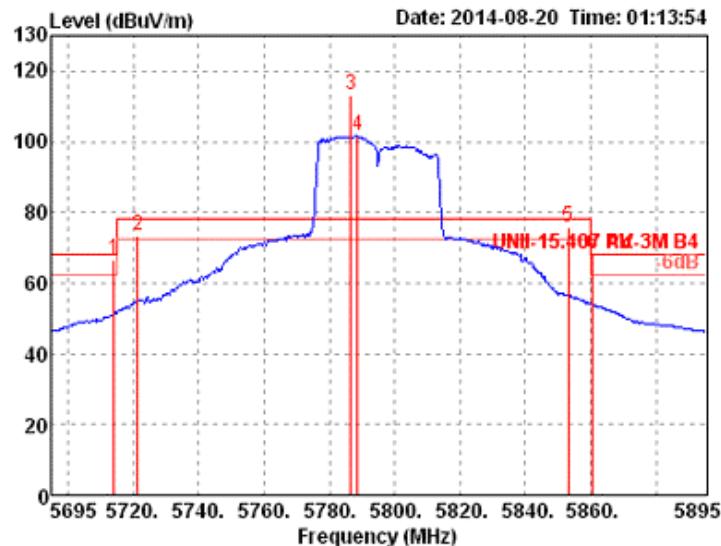
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 1 + Chain 2

Channel 151


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
					Loss	Factor	Factor					
	MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	cm	deg	
1	5714.60	68.19	68.20	-0.01	64.85	3.60	34.68	34.94	Peak	174	114	VERTICAL
2	5722.60	75.22	78.20	-2.98	71.87	3.60	34.69	34.94	Peak	174	114	VERTICAL
3	5765.80	108.14			104.76	3.62	34.70	34.94	Peak	174	114	VERTICAL
4	5767.00	96.83			93.45	3.62	34.70	34.94	Average	174	114	VERTICAL

Item 3, 4 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

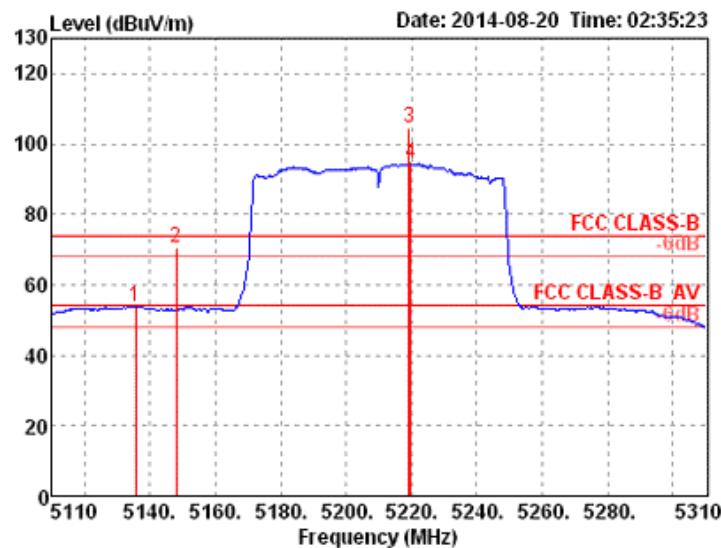
Channel 159


Freq	Level	Limit	Over	Read	CableAntenna			Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Cable Loss	Antenna Factor						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			cm	deg	
1 5714.20	66.92	68.20	-1.28	63.58	3.60	34.68	34.94	Peak		174	123	VERTICAL
2 5721.40	73.30	78.20	-4.90	69.95	3.60	34.69	34.94	Peak		174	123	VERTICAL
3 5786.60	113.27			109.86	3.63	34.72	34.94	Peak		174	123	VERTICAL
4 5788.60	101.49			98.08	3.63	34.72	34.94	Average		174	123	VERTICAL
5 5853.20	75.69	78.20	-2.51	72.26	3.64	34.74	34.95	Peak		174	123	VERTICAL
6 5860.60	68.12	68.20	-0.08	64.68	3.65	34.74	34.95	Peak		174	123	VERTICAL

Item 3, 4 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58 / Chain 1 + Chain 2

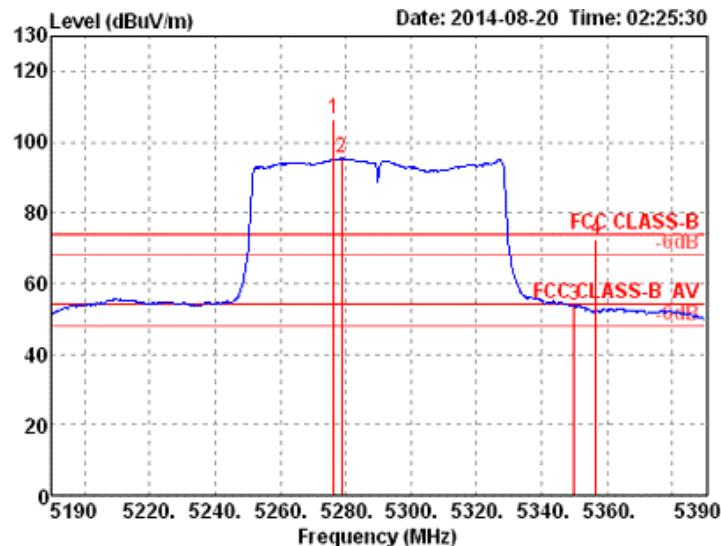
Channel 42


Freq	Level	Limit			Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Over Limit	dB		dBuV	dB	dB/m			
MHz	dBuV/m	dBuV/m		dB					cm	deg	
1 5135.60	53.79	54.00	-0.21	51.18	3.43	34.09	34.91	Average	181	349	VERTICAL
2 5148.00	70.39	74.00	-3.61	67.76	3.43	34.11	34.91	Peak	181	349	VERTICAL
3 5219.20	104.62			101.88	3.45	34.20	34.91	Peak	181	349	VERTICAL
4 5219.60	94.27			91.53	3.45	34.20	34.91	Average	181	349	VERTICAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 58

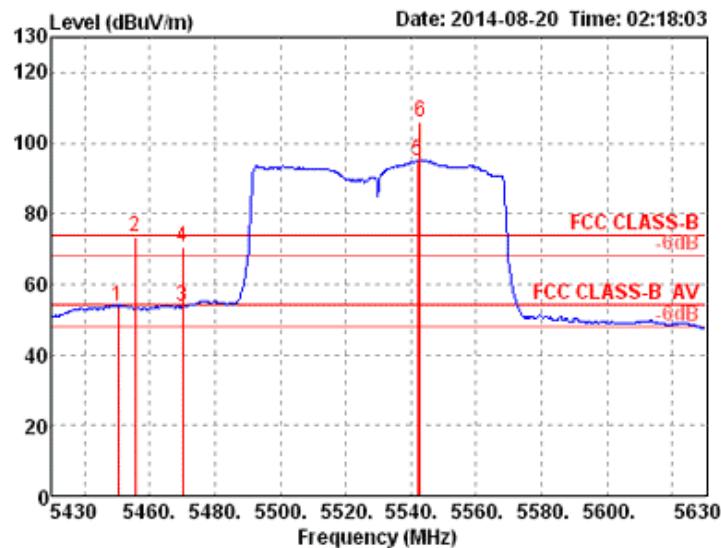


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase	
		Line	Limit	Level	Loss	Factor	Factor		cm	deg		
1	5276.40	106.36		103.50	3.47	34.30	34.91	Peak	169	325	VERTICAL	
2	5278.80	95.37		92.51	3.47	34.30	34.91	Average	169	325	VERTICAL	
3	5350.00	53.71	54.00	-0.29	50.74	3.49	34.39	34.91	Average	169	325	VERTICAL
4	5356.80	72.22	74.00	-1.78	69.25	3.49	34.39	34.91	Peak	169	325	VERTICAL

Item 1, 2 are the fundamental frequency at 5290 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

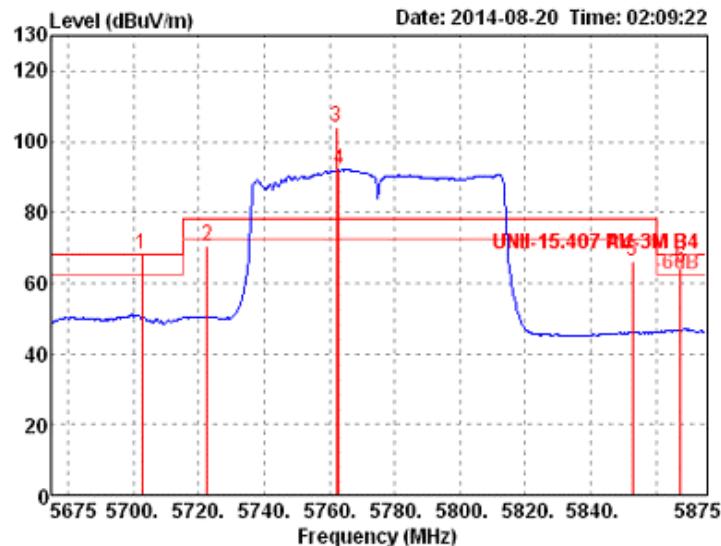
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106, 155 / Chain 1 + Chain 2

Channel 106


Freq	Level	Limit			Over Limit	Read Level	Cable			Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	dB	dBuV			dB	dB/m	dB					
MHz	dBuV/m	dBuV/m		dB			dB	dB/m	dB			cm	deg	
1	5450.40	53.94	54.00	-0.06	50.81	3.52	34.53	34.92	Average			167	318	VERTICAL
2	5455.60	73.61	74.00	-0.39	70.48	3.52	34.53	34.92	Peak			167	318	VERTICAL
3	5470.00	53.61	54.00	-0.39	50.46	3.52	34.55	34.92	Average			167	318	VERTICAL
4	5470.00	70.49	74.00	-3.51	67.34	3.52	34.55	34.92	Peak			167	318	VERTICAL
5	5542.00	95.13			91.89	3.55	34.61	34.92	Average			167	318	VERTICAL
6	5542.80	105.94			102.70	3.55	34.61	34.92	Peak			167	318	VERTICAL

Item 5, 6 are the fundamental frequency at 5530 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1 5702.60	68.13	68.20	-0.07	64.80	3.59	34.68	34.94	Peak	179	114	VERTICAL
2 5722.60	70.74	78.20	-7.46	67.39	3.60	34.69	34.94	Peak	179	114	VERTICAL
3 5762.20	103.96			100.58	3.62	34.70	34.94	Peak	179	114	VERTICAL
4 5763.00	92.11			88.73	3.62	34.70	34.94	Average	179	114	VERTICAL
5 5852.80	66.02	78.20	-12.18	62.59	3.64	34.74	34.95	Peak	179	114	VERTICAL
6 5867.60	64.17	68.20	-4.03	60.73	3.65	34.74	34.95	Peak	179	114	VERTICAL

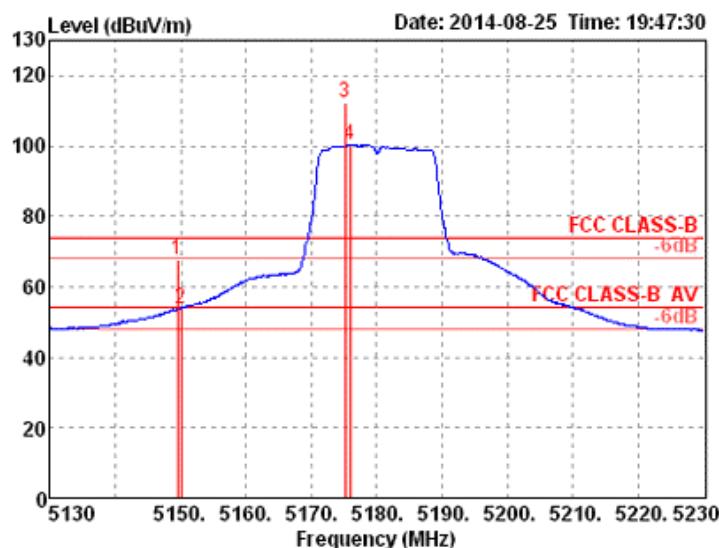
Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Item 3, 4 are the fundamental frequency at 5775 MHz.

For STBC function:

Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 36, 40, 48 / Chain 1 + Chain 2

Channel 36

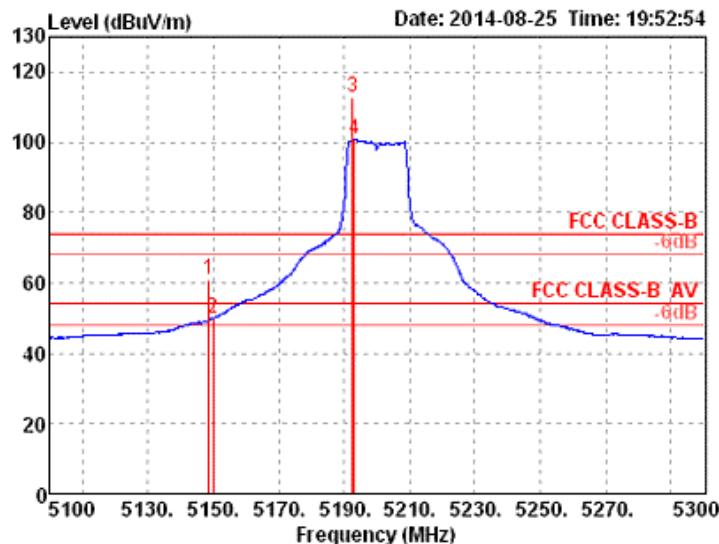


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1 5149.52	67.63	74.00	-6.37	65.00	3.43	34.11	34.91	Peak	177	167 VERTICAL
2 5150.00	53.87	54.00	-0.13	51.24	3.43	34.11	34.91	Average	177	167 VERTICAL
3 5175.13	112.02			109.33	3.44	34.16	34.91	Peak	177	167 VERTICAL
4 5175.88	100.40			97.71	3.44	34.16	34.91	Average	177	167 VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

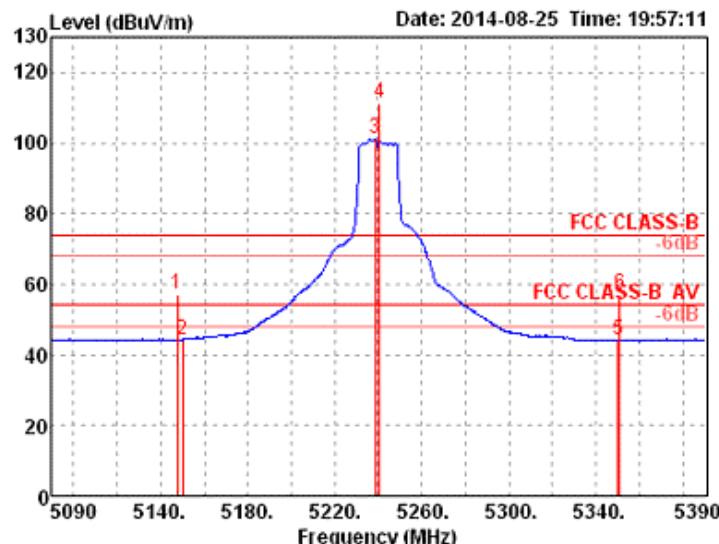


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			Remark	A/Pos	T/Pos	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1	5148.72	61.12	74.00	-12.88	58.49	3.43	34.11	34.91 Peak	174	172	VERTICAL
2	5150.00	49.68	54.00	-4.32	47.05	3.43	34.11	34.91 Average	174	172	VERTICAL
3	5192.75	112.53			109.82	3.44	34.18	34.91 Peak	174	172	VERTICAL
4	5193.25	100.79			98.08	3.44	34.18	34.91 Average	174	172	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



Freq	Level	Limit	Over	Read	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Cable Loss	Antenna Factor	Preamp Factor			
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1 5147.60	56.90	74.00	-17.10	54.27	3.43	34.11	34.91	Peak	188	171 VERTICAL
2 5150.00	44.30	54.00	-9.70	41.67	3.43	34.11	34.91	Average	188	171 VERTICAL
3 5238.50	100.98			98.20	3.46	34.23	34.91	Average	188	171 VERTICAL
4 5240.75	111.51			108.73	3.46	34.23	34.91	Peak	188	171 VERTICAL
5 5350.00	44.16	54.00	-9.84	41.19	3.49	34.39	34.91	Average	188	171 VERTICAL
6 5350.96	57.04	74.00	-16.96	54.07	3.49	34.39	34.91	Peak	188	171 VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

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

4.8. Frequency Stability Measurement

4.8.1. Limit

In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification).

4.8.2. Measuring Instruments and Setting

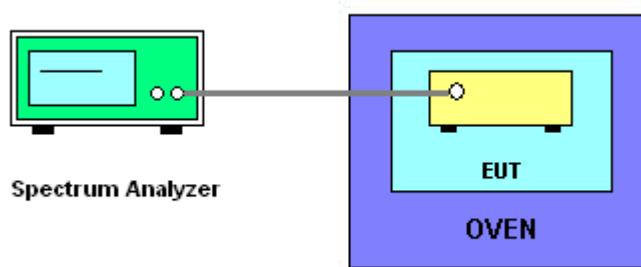
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

4.8.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. f_c is declaring of channel frequency. Then the frequency error formula is $(f_c-f)/f_c \times 10^6$ ppm and the limit is less than ± 20 ppm (IEEE 802.11n specification).
6. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
7. Extreme temperature is $0^\circ\text{C} \sim 70^\circ\text{C}$.

4.8.4. Test Setup Layout



4.8.5. Test Deviation

There is no deviation with the original standard.

4.8.6. EUT Operation during Test

The EUT was programmed to be in continuously un-modulation transmitting mode.

4.8.7. Test Result of Frequency Stability

Temperature	20°C	Humidity	52%
Test Engineer	Robert Chang	Test Date	Sep. 10, 2014

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)		
	(V)	5200 MHz	5300 MHz
126.50	5199.9944	5299.9930	5499.9862
110.00	5199.9952	5299.9942	5500.0022
93.50	5199.9974	5299.9956	5500.0086
Max. Deviation (MHz)	0.0056	0.0070	0.0138
Max. Deviation (ppm)	1.08	1.32	2.51

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)		
	(°C)	5200 MHz	5300 MHz
0	5199.9926	5299.9912	5499.9988
10	5199.9944	5299.9938	5500.0004
20	5199.9952	5299.9942	5500.0022
30	5199.9994	5299.9956	5500.0034
40	5200.0036	5299.9986	5500.0068
50	5200.0088	5300.0012	5500.0122
60	5200.0143	5300.0068	5500.0172
70	5200.0162	5300.0113	5500.0193
Max. Deviation (MHz)	0.0162	0.0113	0.0193
Max. Deviation (ppm)	3.12	2.13	3.51

4.9. Antenna Requirements

4.9.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

4.9.2. Antenna Connector Construction

Please refer to section 3.3 in this test report; antenna connector complied with the requirements.

5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Test Receiver	R&S	ESCS 30	100355	9 kHz ~ 2.75 GHz	Apr. 23, 2014	Conduction (CO01-CB)
EMI Test Receiver	R&S	ESCS 30	100355	9kHz ~ 2.75GHz	Apr. 22, 2015	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150 kHz ~ 100 MHz	Nov. 23, 2013	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 08, 2015	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127478	9kHz ~ 30MHz	Nov. 11, 2013	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 23, 2015	Conduction (CO01-CB)
Software	Audix	E3	5.410e	-	N.C.R.	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150 kHz ~ 30 MHz	Dec. 04, 2013	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 25, 2015	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
Signal analyzer	R&S	FSV40	100979	9kHz~40GHz	Nov. 29, 2013	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-7	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-8	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-9	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-10	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
RF Cable-high	Woken	High Cable-11	-	1 GHz – 26.5 GHz	Nov. 17, 2013	Conducted (TH01-CB)
Power Sensor	Anritsu	MA2411B	0917223	300MHz~40GHz	Sep. 18, 2013	Conducted (TH01-CB)
Power Meter	Anritsu	ML2495A	1035008	300MHz~40GHz	Sep. 18, 2013	Conducted (TH01-CB)
BILOG ANTENNA	Schaffner	CBL6112D	37880	20MHz ~ 2GHz	Sep. 03, 2015	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 12, 2015*	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	9170-507	15GHz ~ 40GHz	Feb. 13, 2014	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Feb. 24, 2015	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Dec. 16, 2013	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Oct. 23, 2013	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Oct. 27, 2015	Radiation (03CH01-CB)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Receiver	Agilent	N9038A	MY52260123	9kHz ~ 8.4GHz	Jan. 21, 2015	Radiation (03CH01-CB)
Turn Table	INN CO	CO 2000	N/A	0 ~ 360 degree	N.C.R.	Radiation (03CH01-CB)
Antenna Mast	INN CO	CO2000	N/A	1 m - 4 m	N.C.R.	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz ~ 1 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-1	N/A	1 GHz – 26.5 GHz	Nov. 17, 2013	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-2	N/A	1 GHz – 26.5 GHz	Nov. 17, 2013	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-3	N/A	1 GHz - 40 GHz	Nov. 17, 2013	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-4	N/A	1 GHz - 40 GHz	Nov. 17, 2013	Radiation (03CH01-CB)

Note: Calibration Interval of instruments listed above is one year.

** Calibration Interval of instruments listed above is two years.

N.C.R. means Non-Calibration required.

6. MEASUREMENT UNCERTAINTY

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%