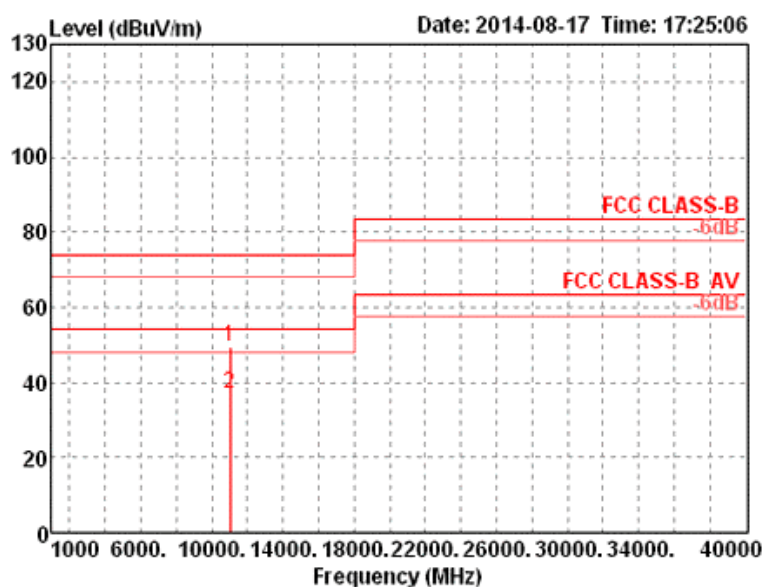


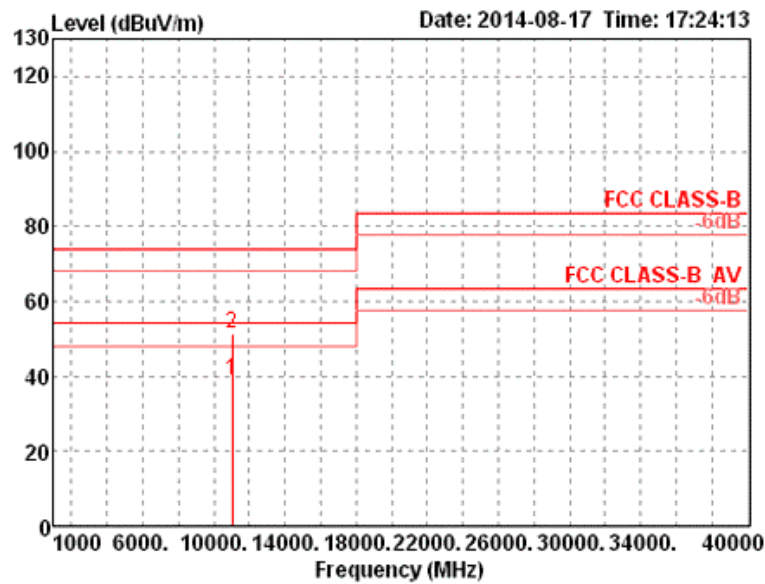
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	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

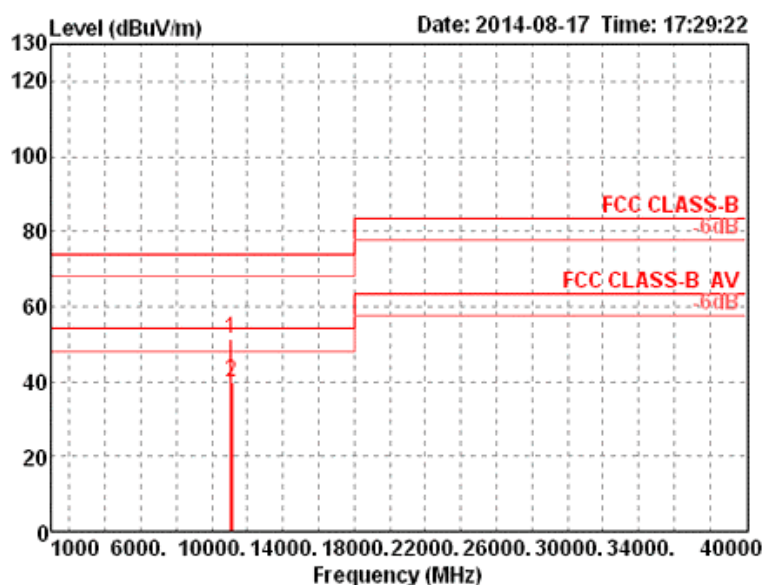
Vertical



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

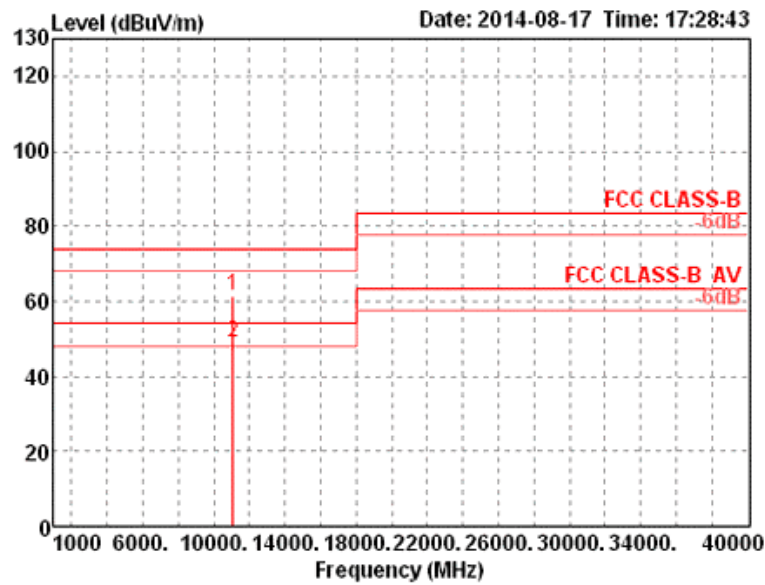
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	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

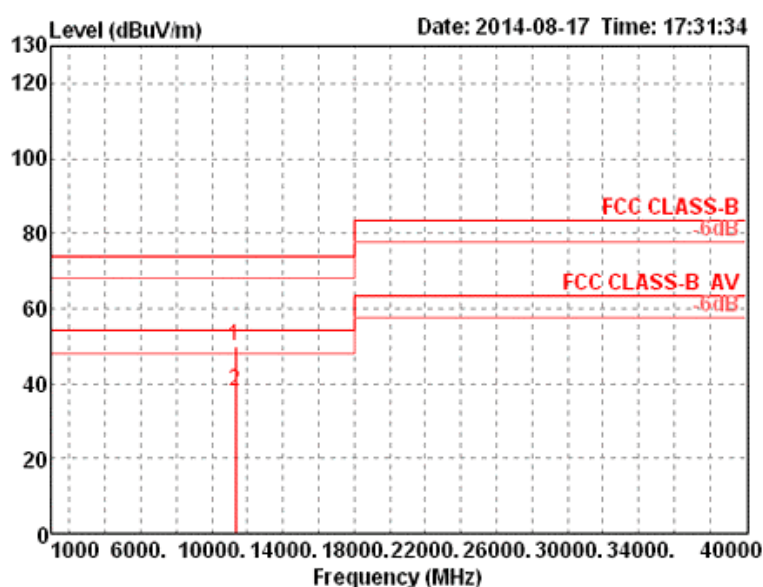
Vertical



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

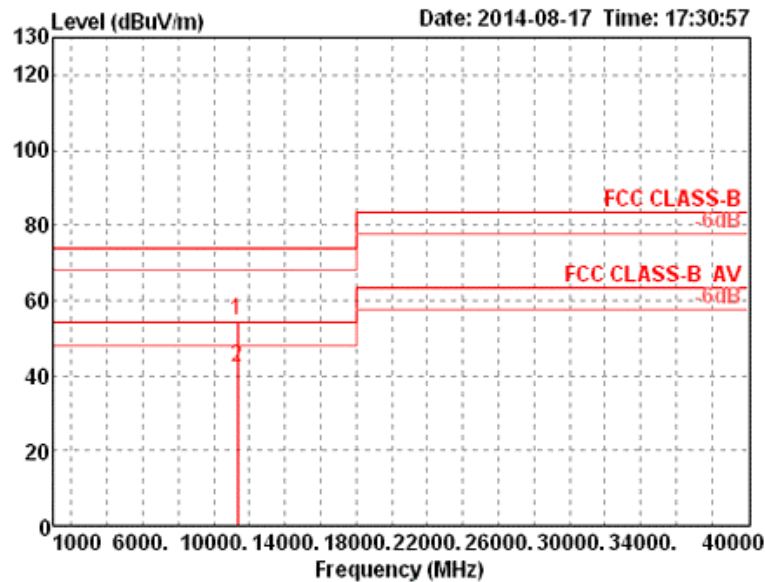
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	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

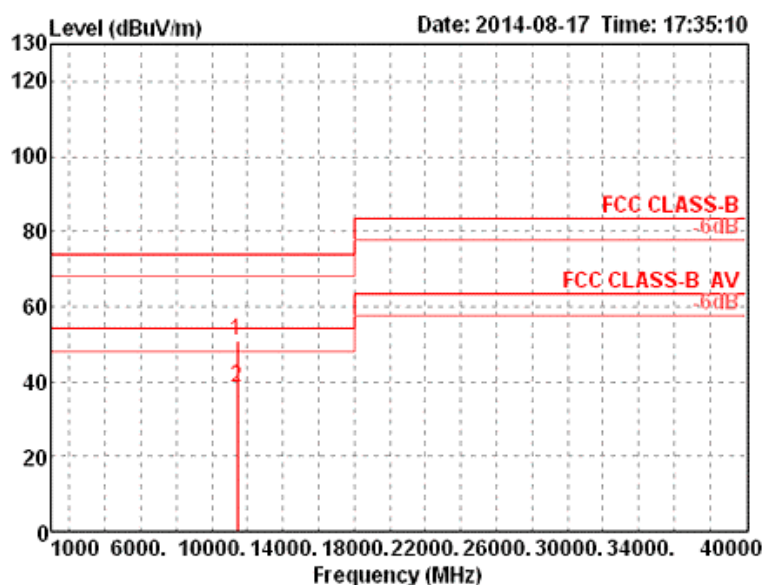
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	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

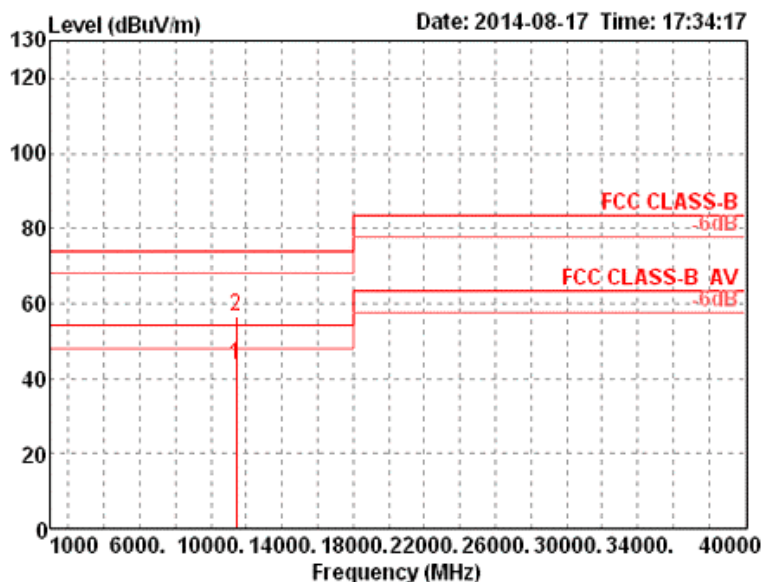
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	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

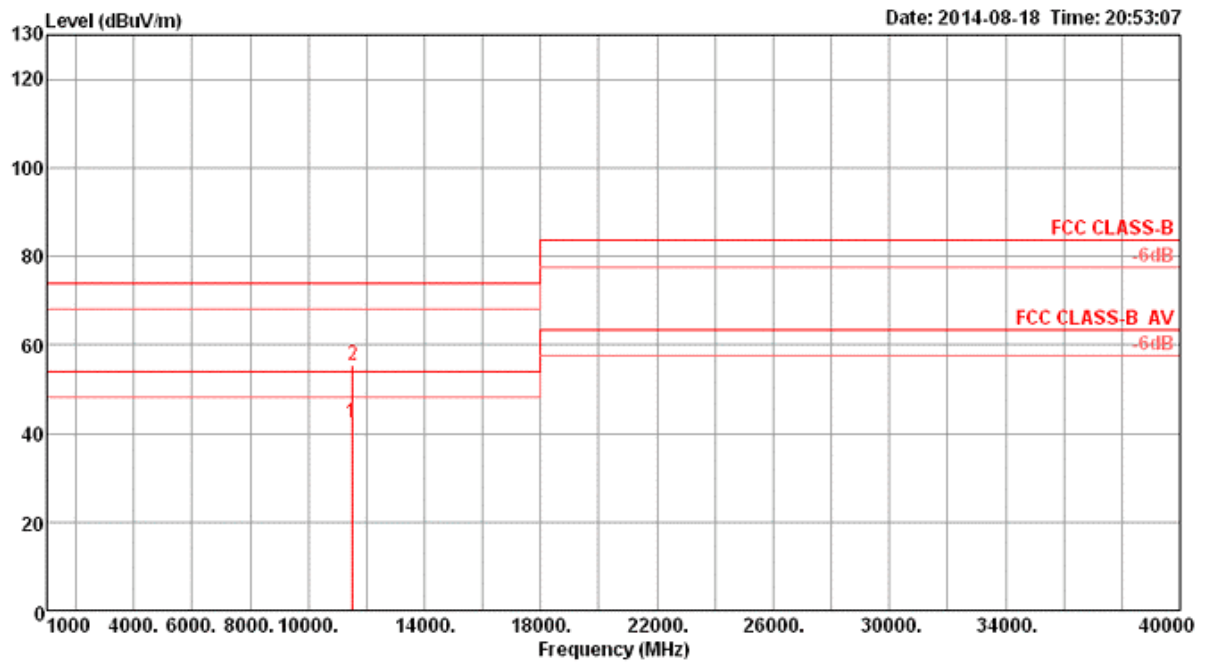
Vertical



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

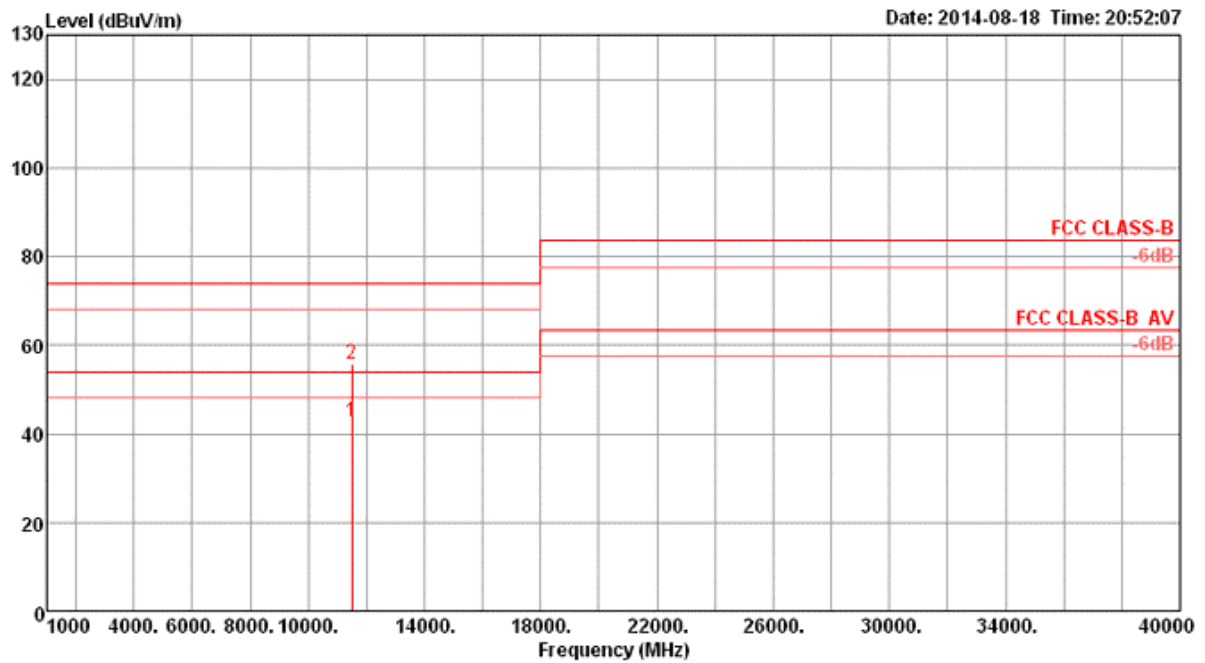
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
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

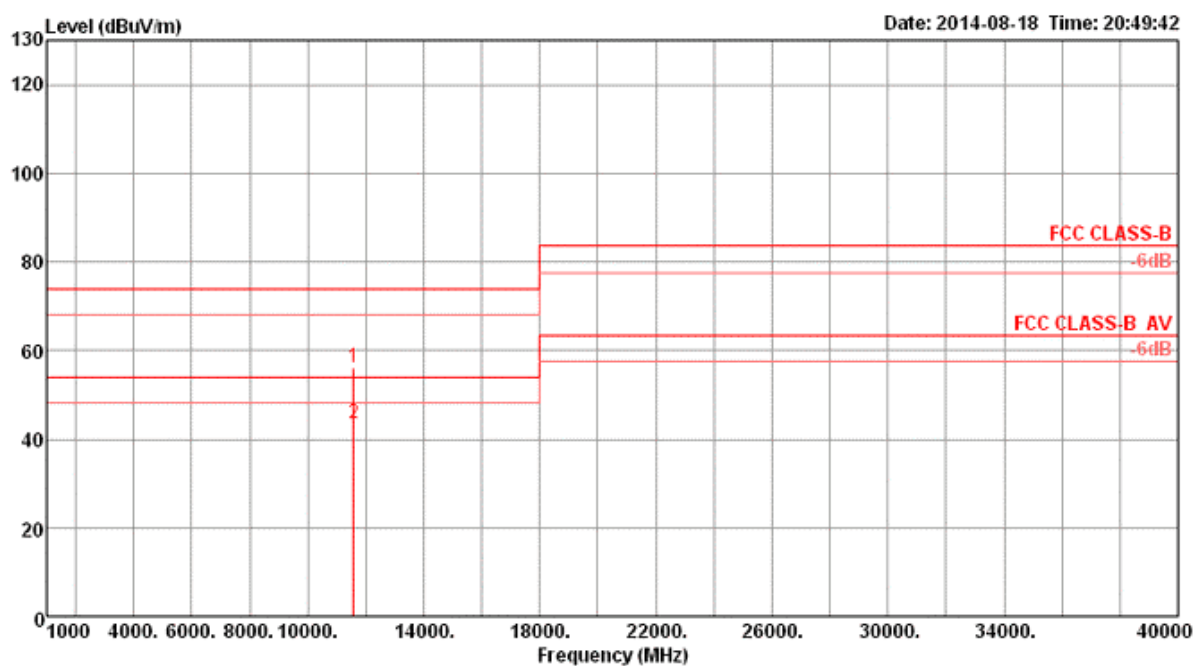
Vertical



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

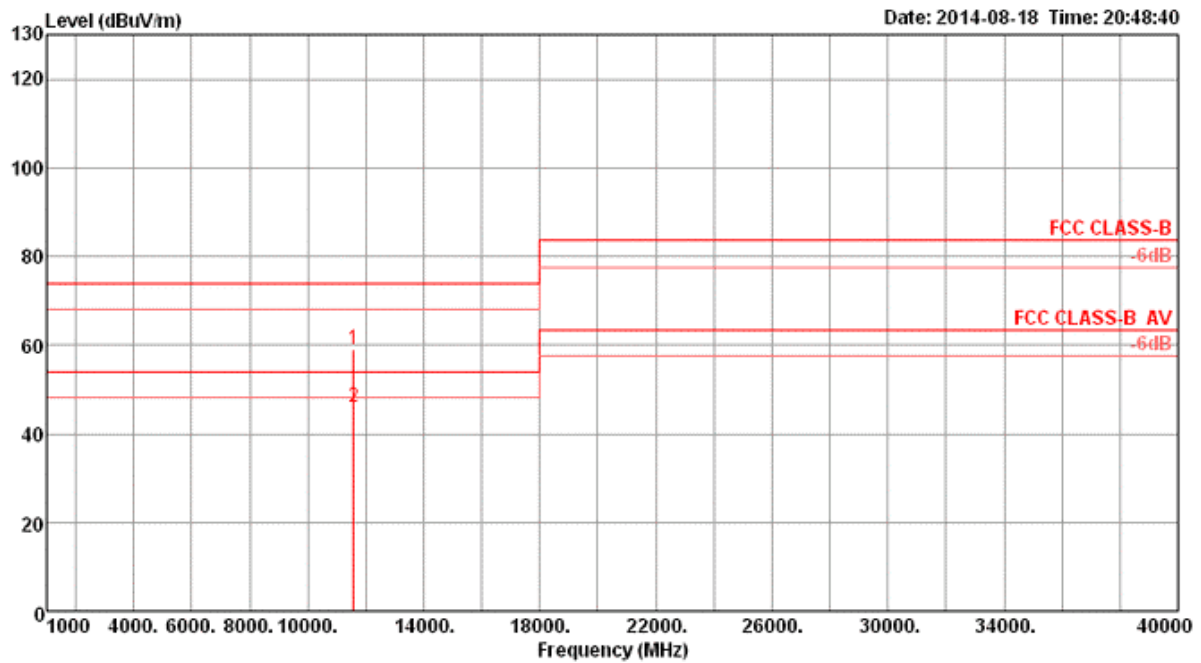
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	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

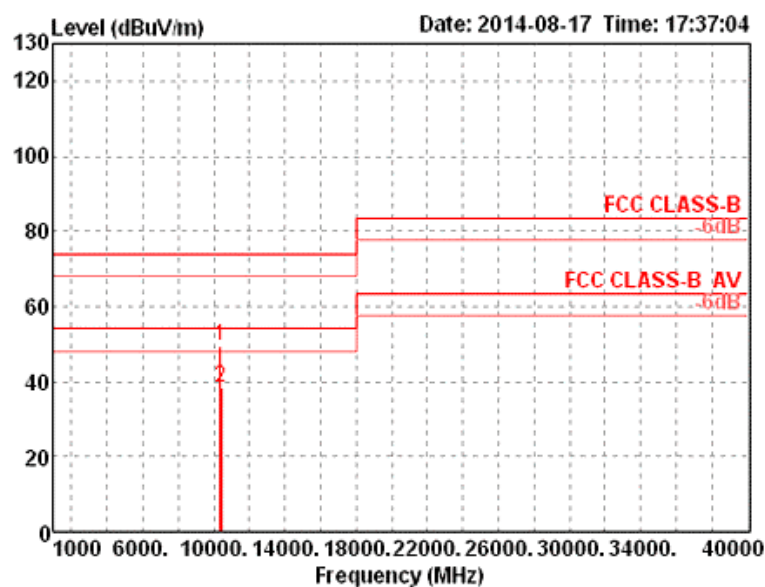
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	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

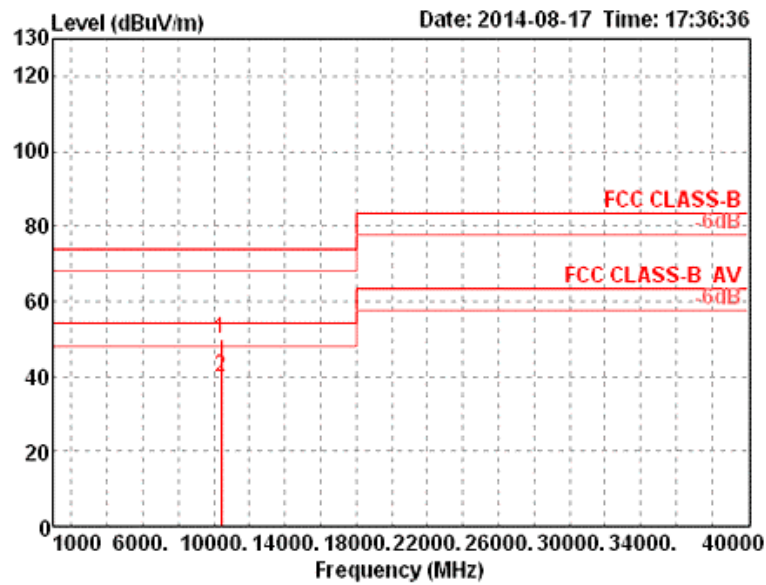
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	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	165	265	HORIZONTAL
2	10415.36	38.42	54.00	-15.58	29.84	4.98	38.97	35.37	165	265	HORIZONTAL

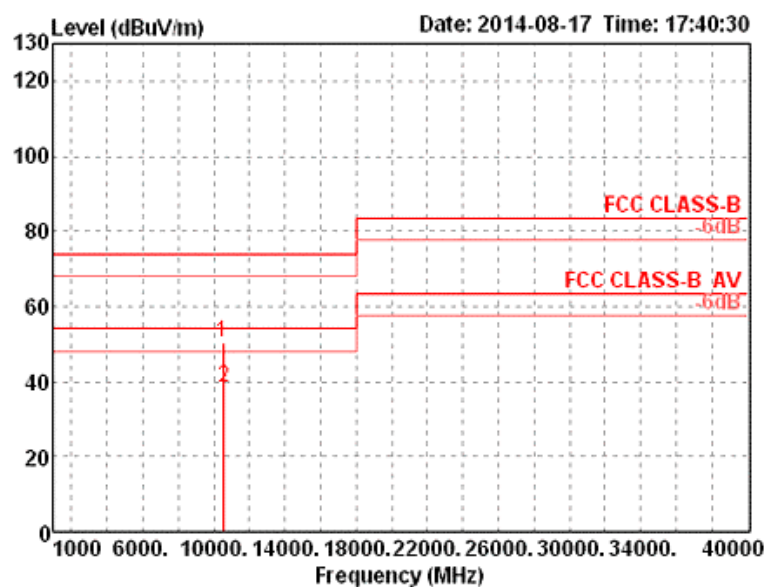
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
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

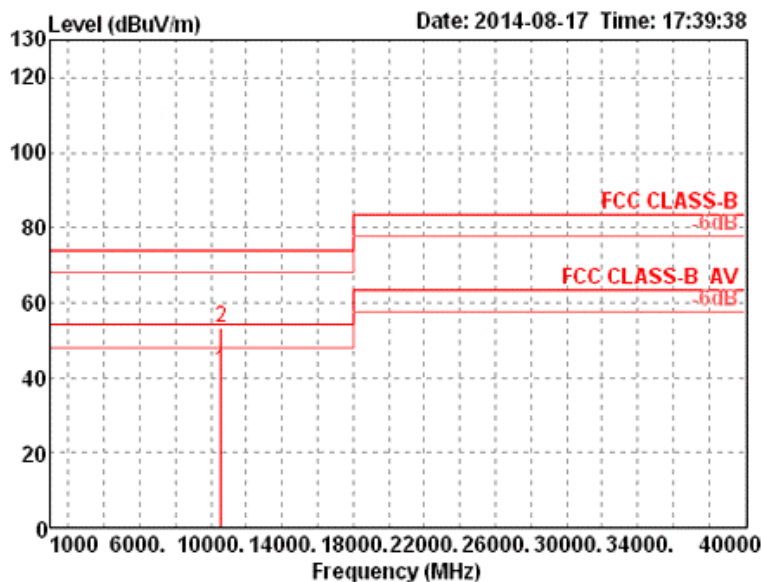
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	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	157	188	HORIZONTAL
2	10587.36	38.36	54.00	-15.64	29.68	5.01	38.92	35.25	157	188	HORIZONTAL

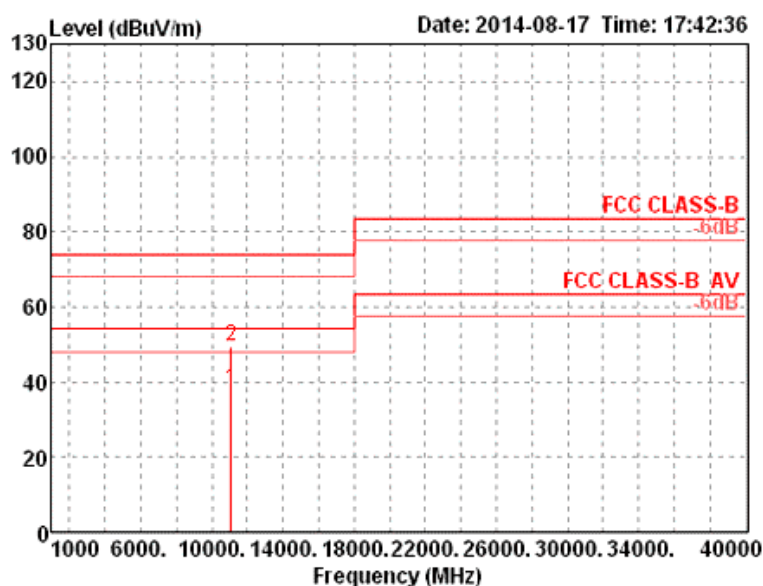
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	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

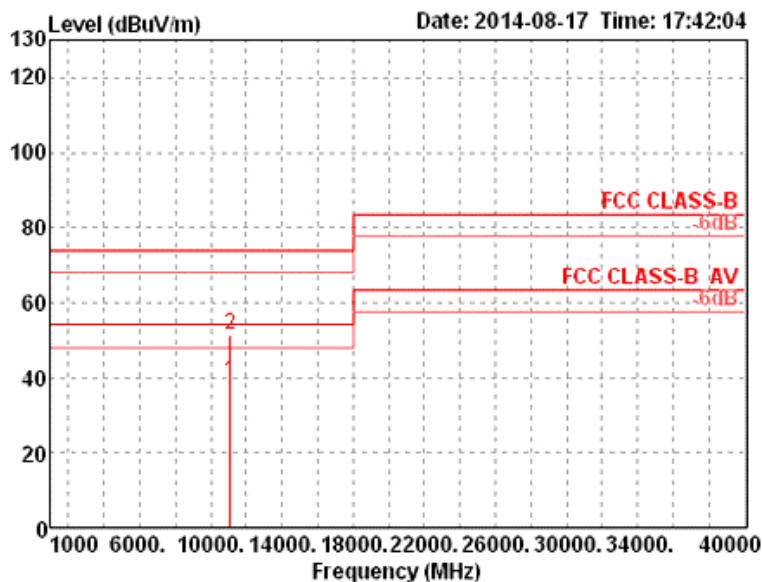
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
											Pol/Phase
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

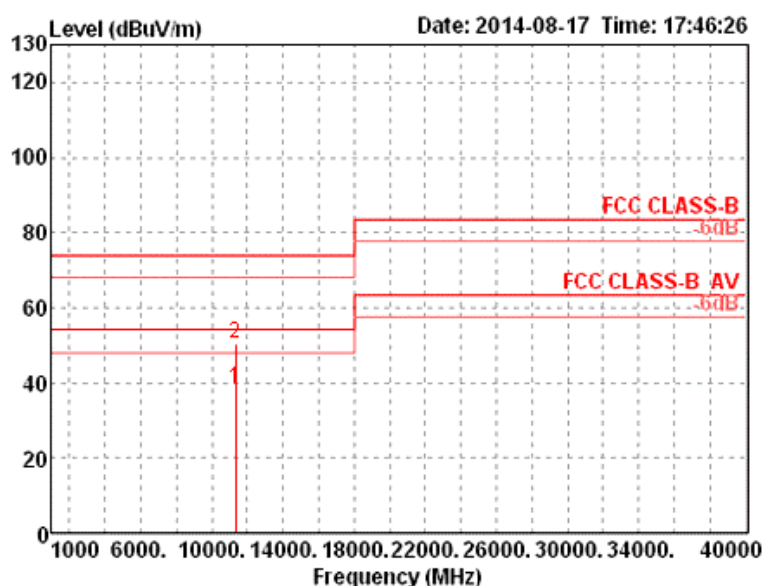
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	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

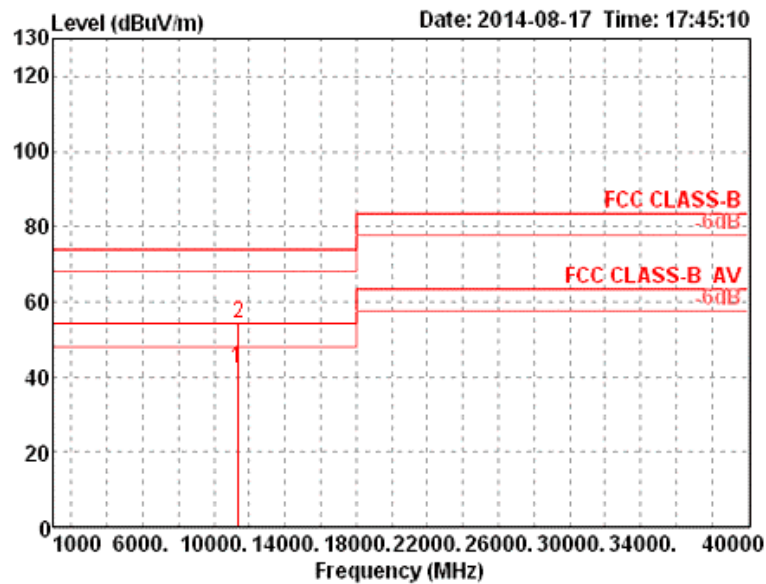
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
											Pol/Phase
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

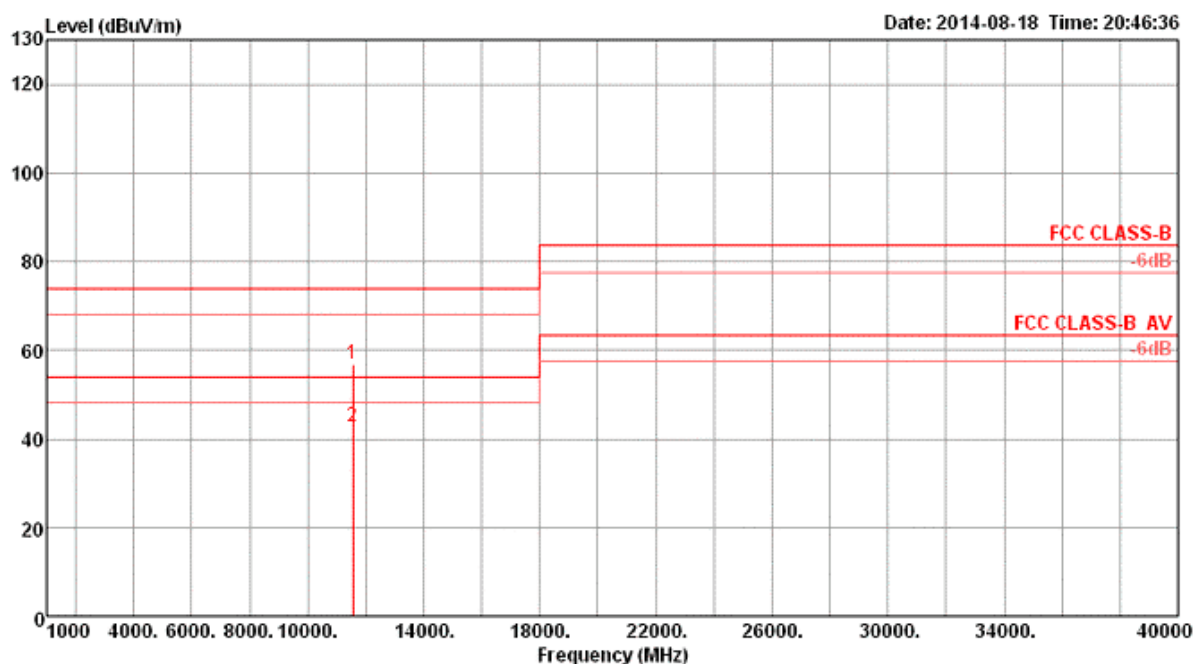
Vertical



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

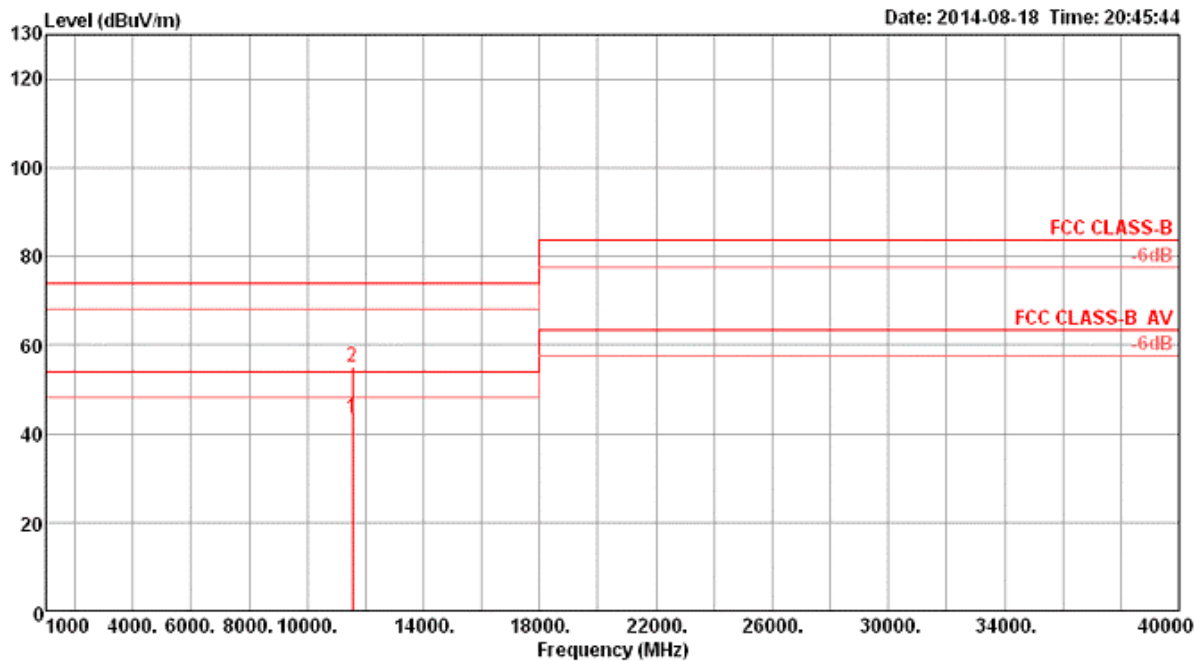
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
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

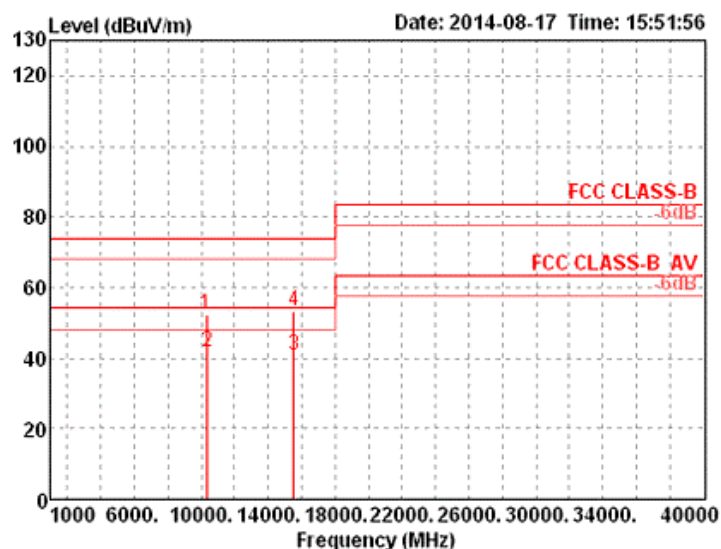
Vertical



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

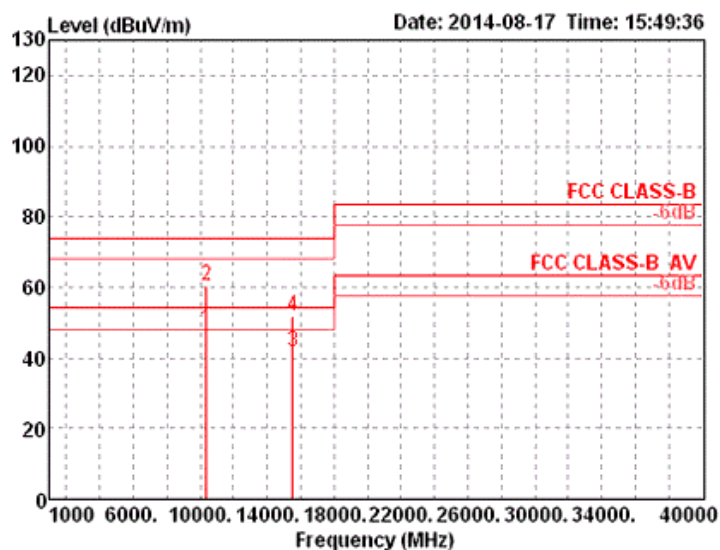
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 36 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	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

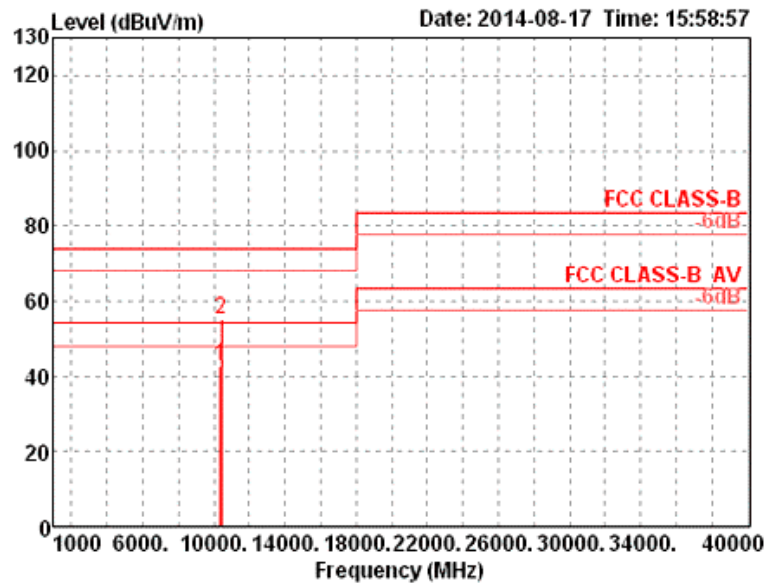
Vertical



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	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

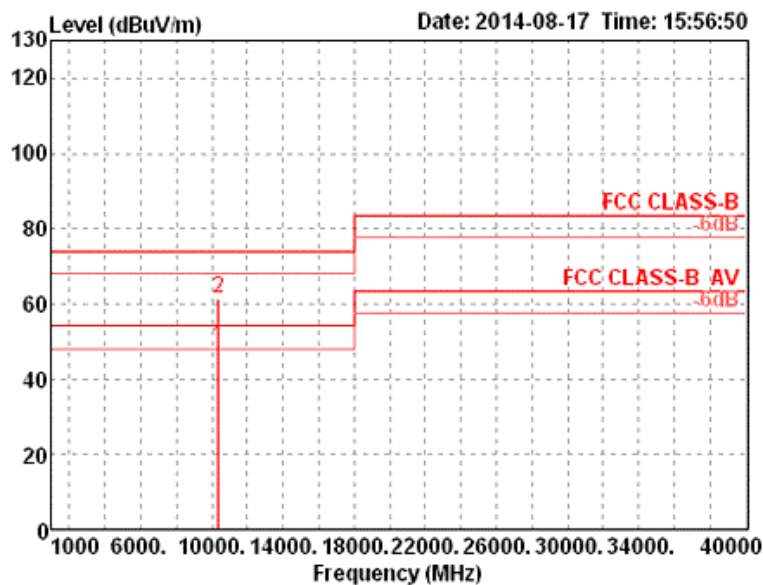
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 40 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	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	158	148	HORIZONTAL
2	10405.94	55.11	74.00	-18.89	46.52	4.98	38.98	35.37	158	148	HORIZONTAL

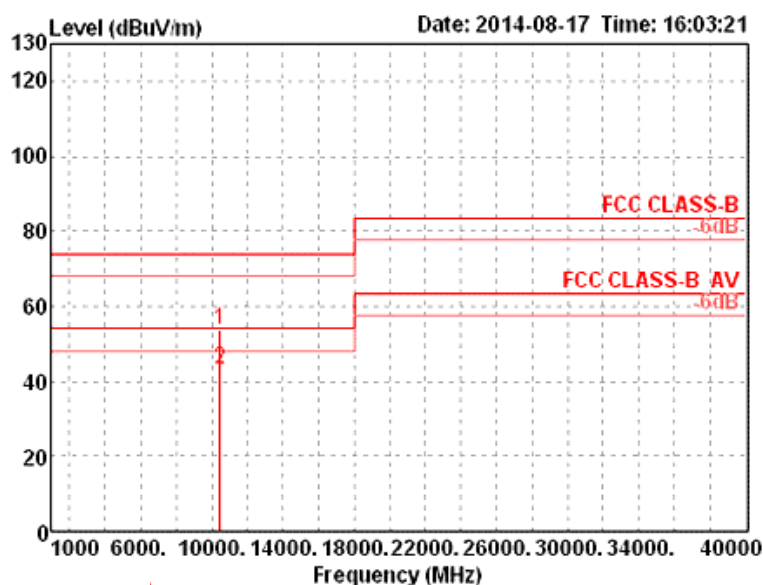
Vertical



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

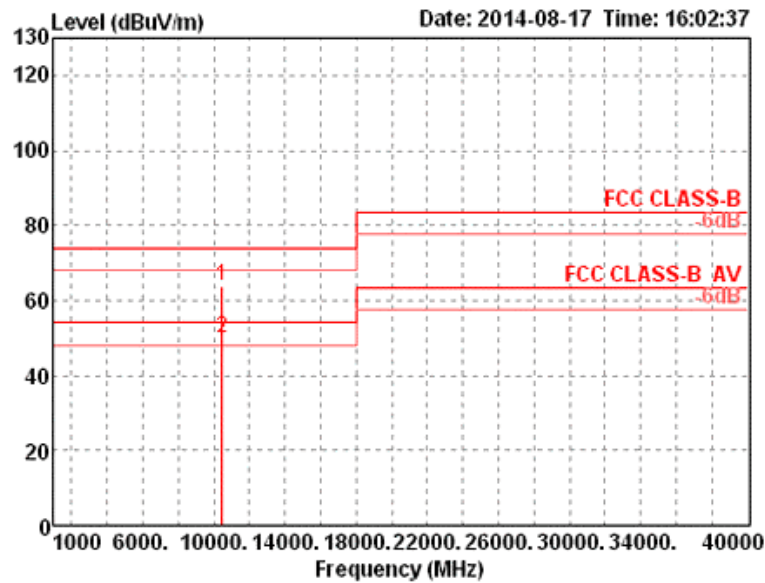
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 48 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
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

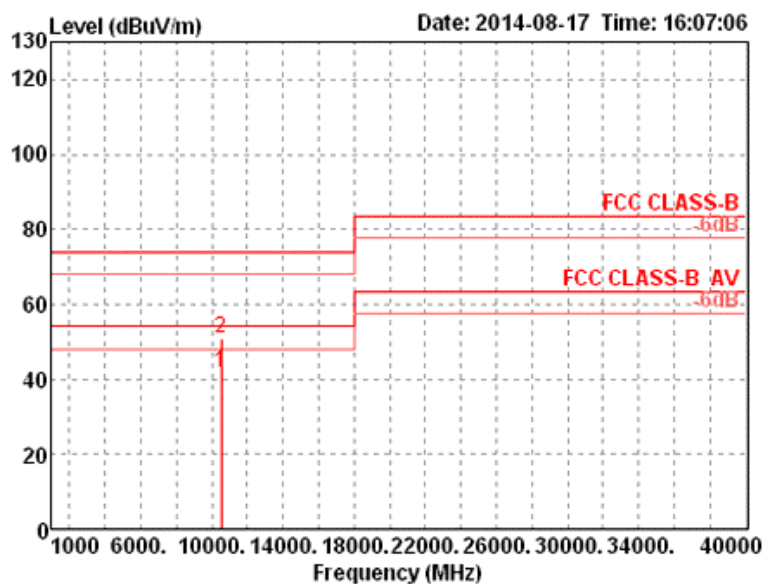
Vertical



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

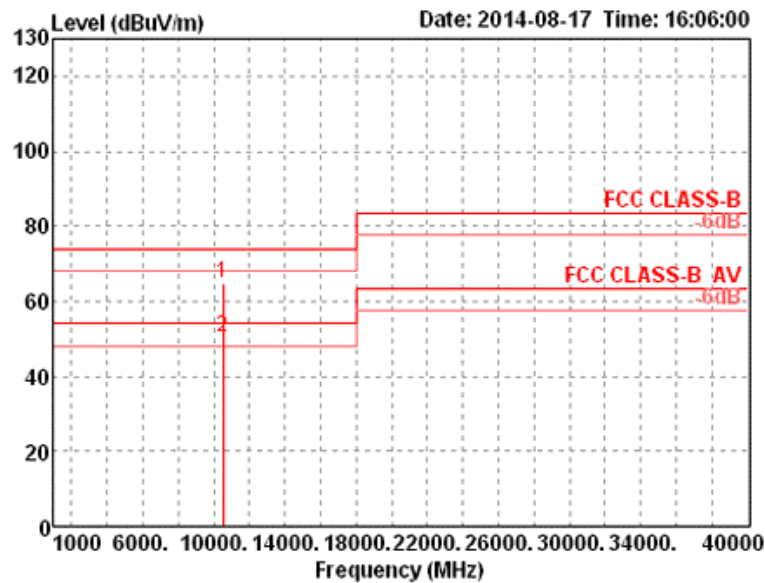
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 52 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

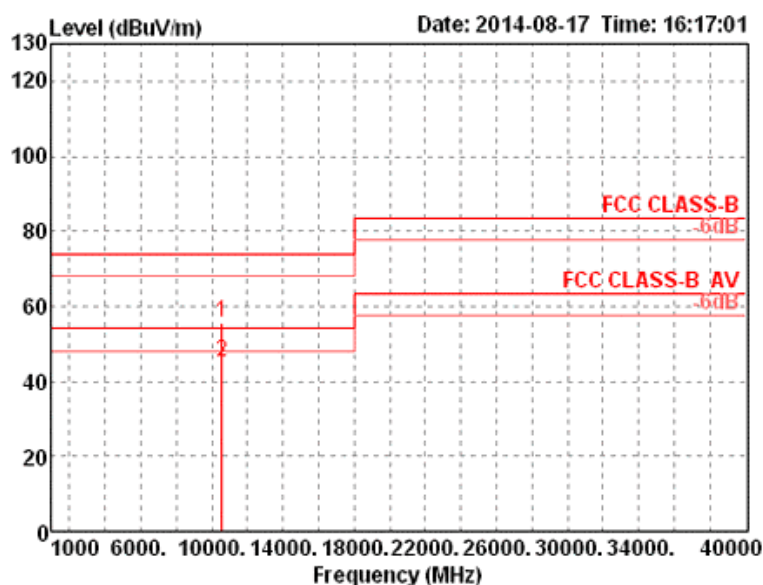
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		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	148	63	VERTICAL
2	10519.70	50.44	54.00	-3.56	41.83	5.01	38.90	35.30	148	63	VERTICAL

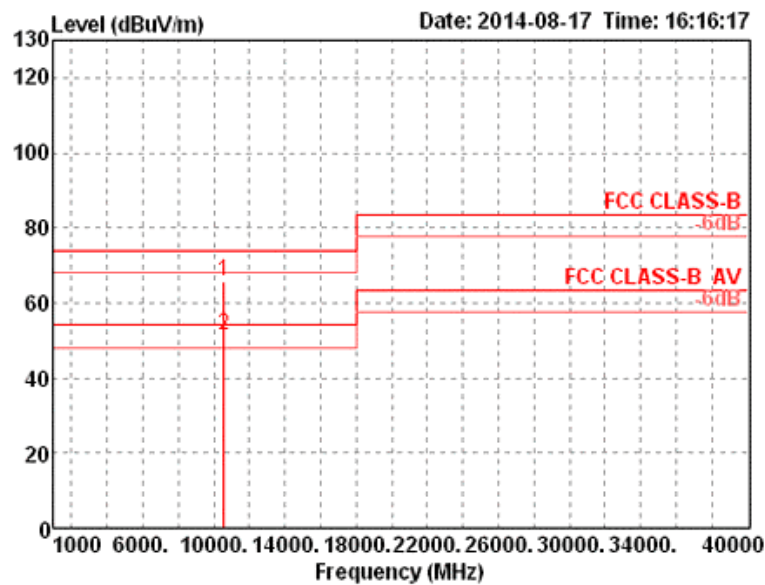
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 60 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
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

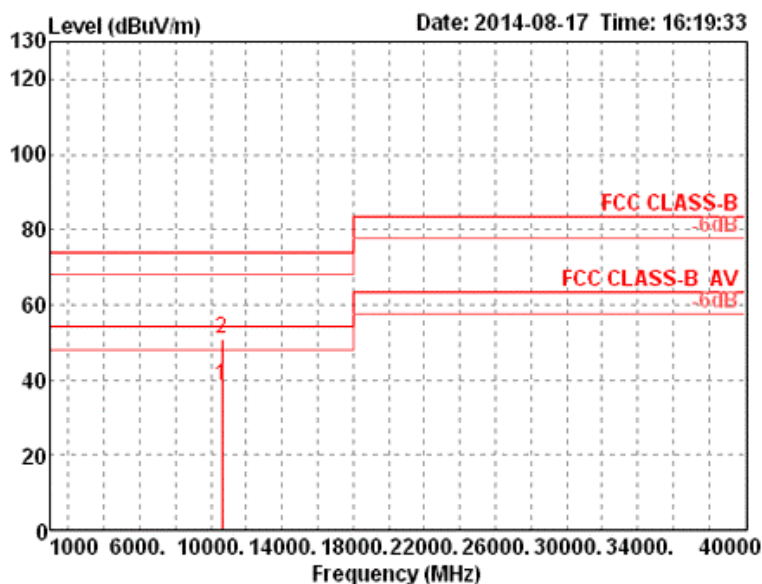
Vertical



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

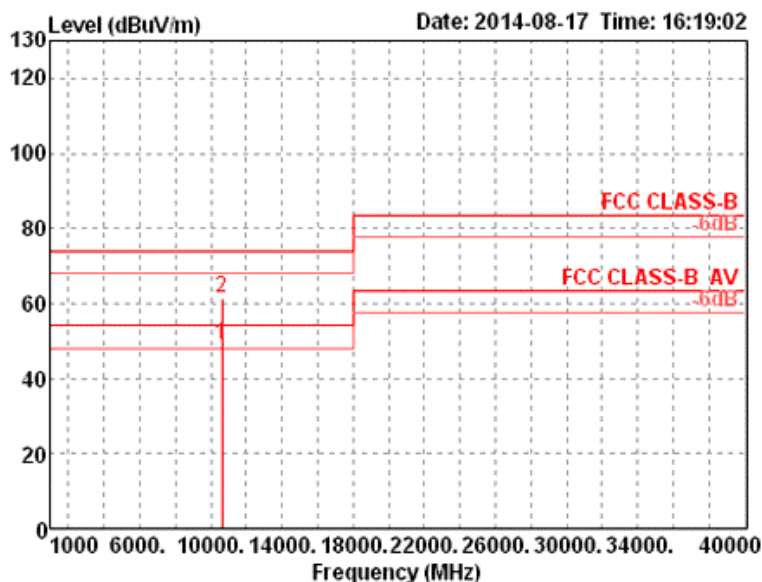
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 64 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	10638.14	38.25	54.00	-15.75	29.53	5.01	38.93	35.22	142	92	HORIZONTAL
2	10638.32	50.62	74.00	-23.38	41.90	5.01	38.93	35.22	142	92	HORIZONTAL

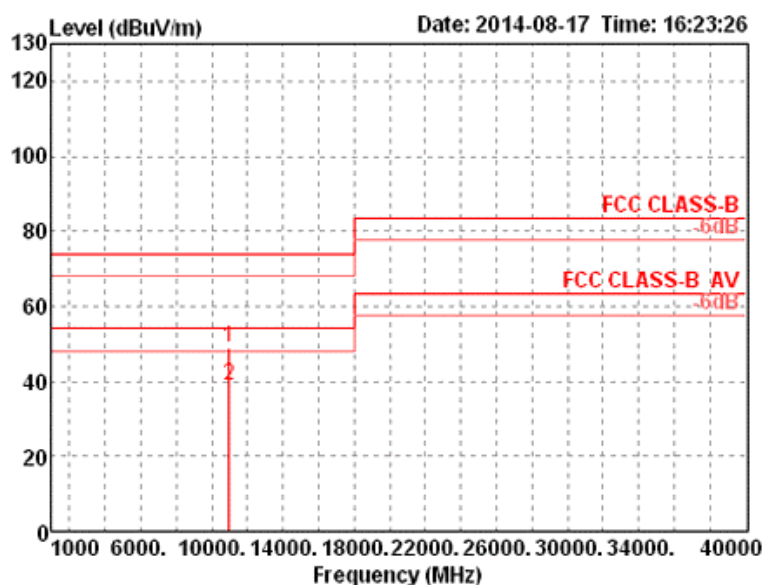
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	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

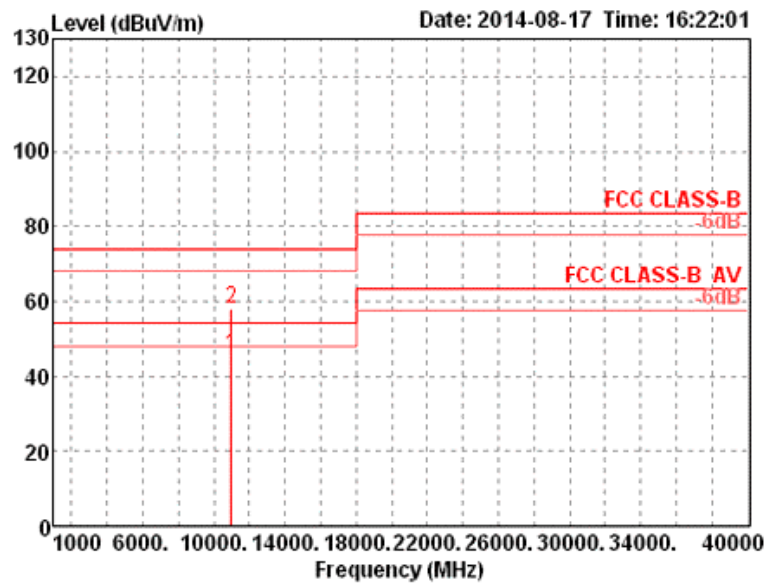
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 100 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
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

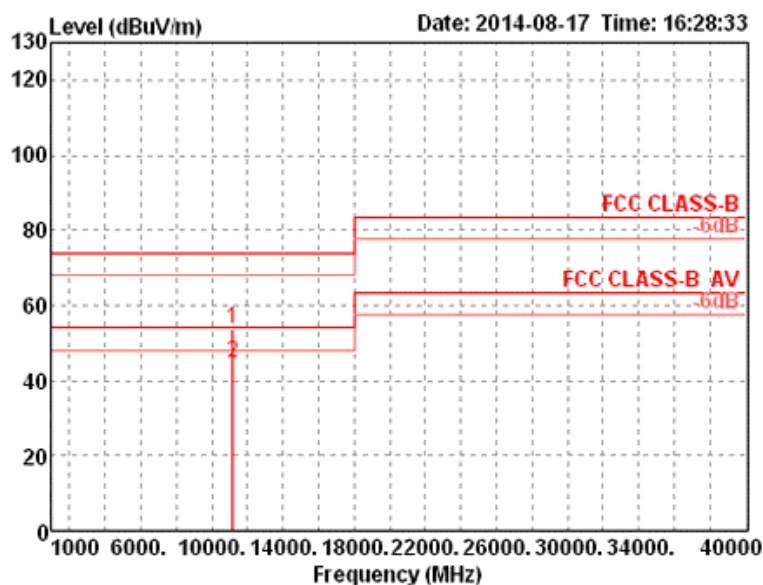
Vertical



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

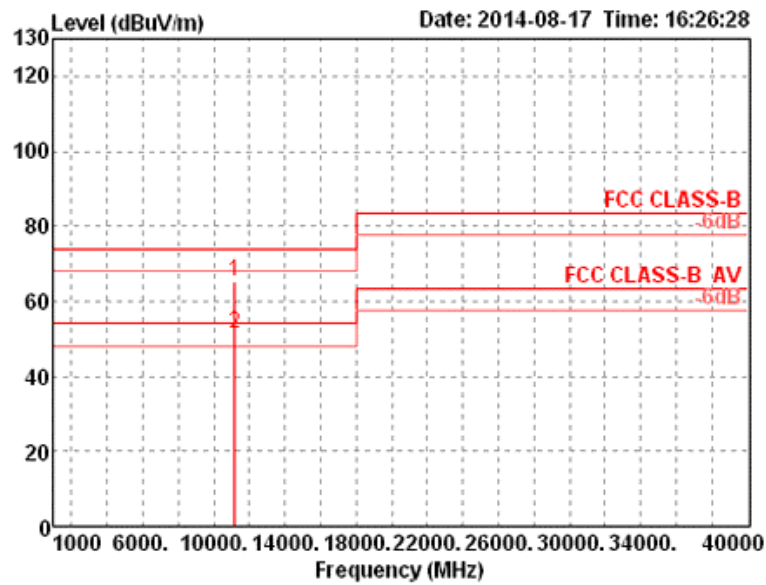
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 116 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	11160.60	53.90	74.00	-20.10	44.73	5.04	39.13	35.00	Peak	167	134
2	11160.72	44.46	54.00	-9.54	35.29	5.04	39.13	35.00	Average	167	134

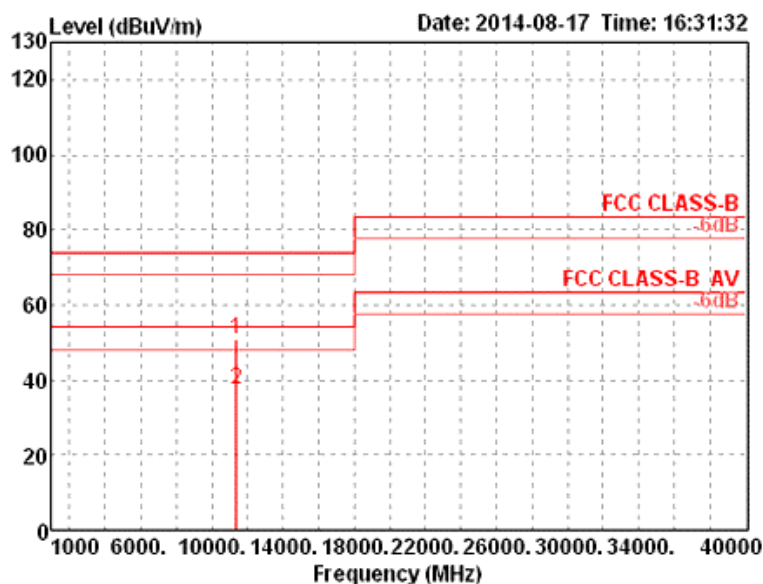
Vertical



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

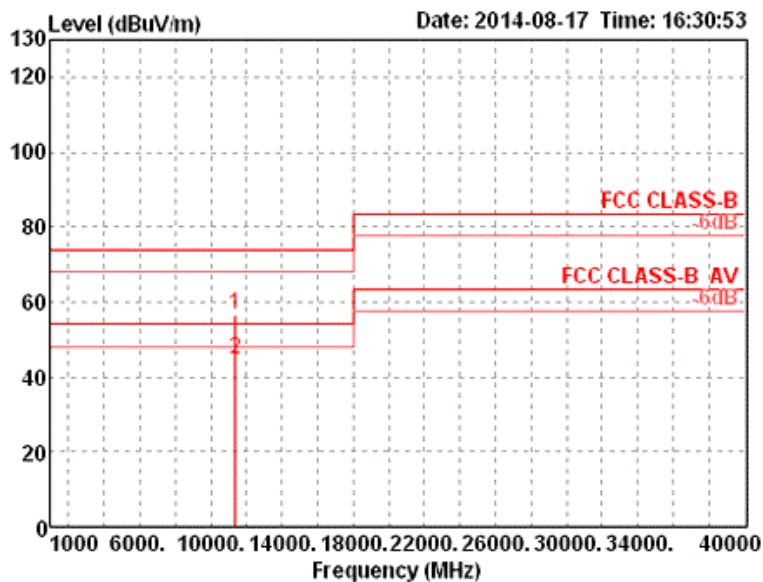
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 140 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	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

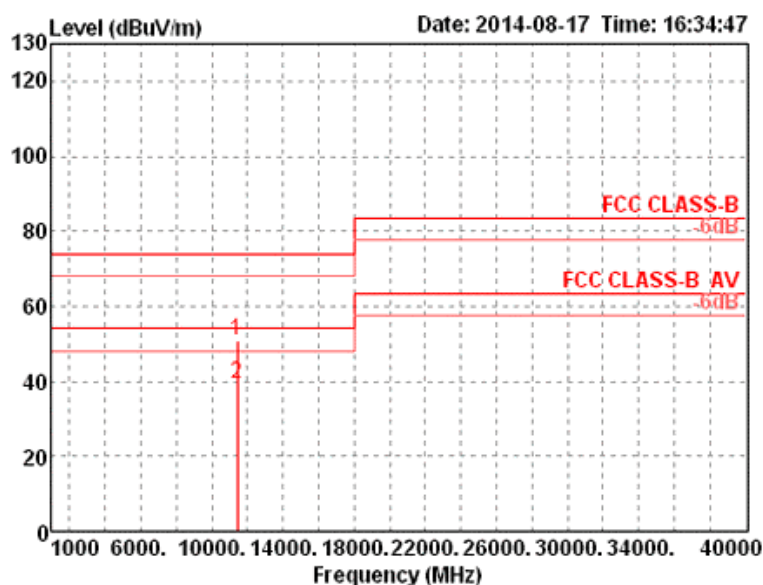
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
											Pol/Phase
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

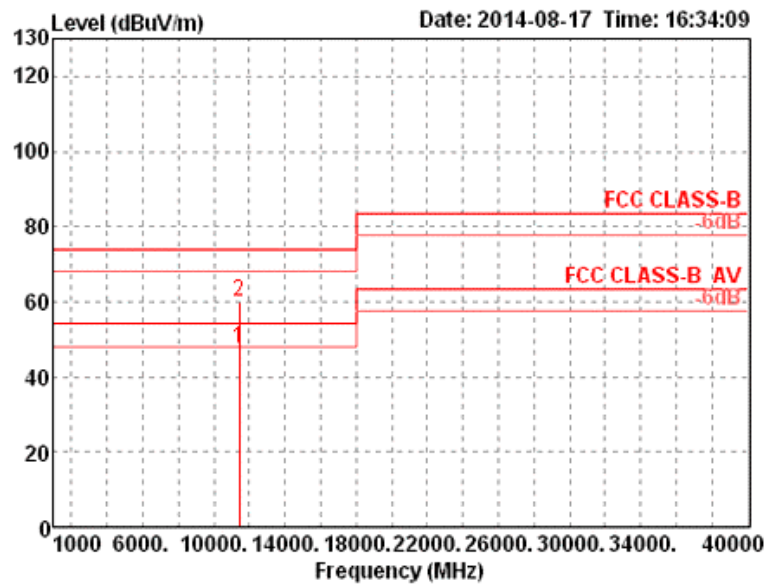
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 144 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	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

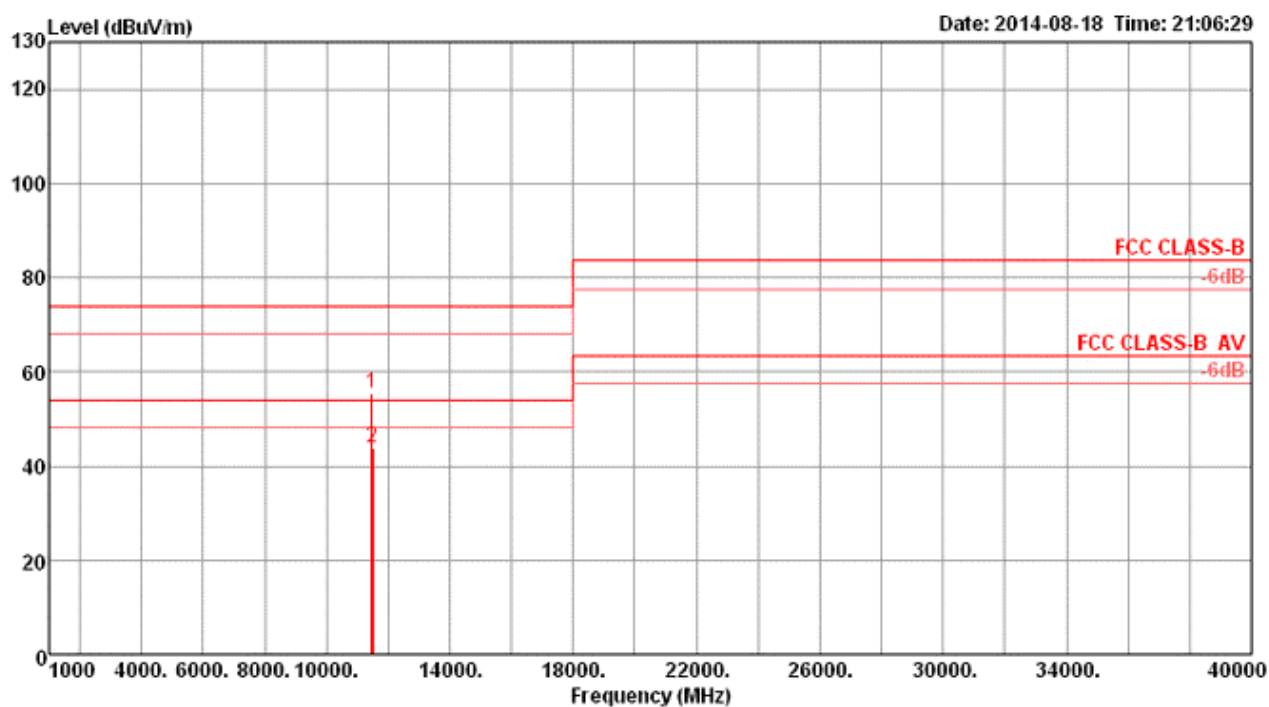
Vertical



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

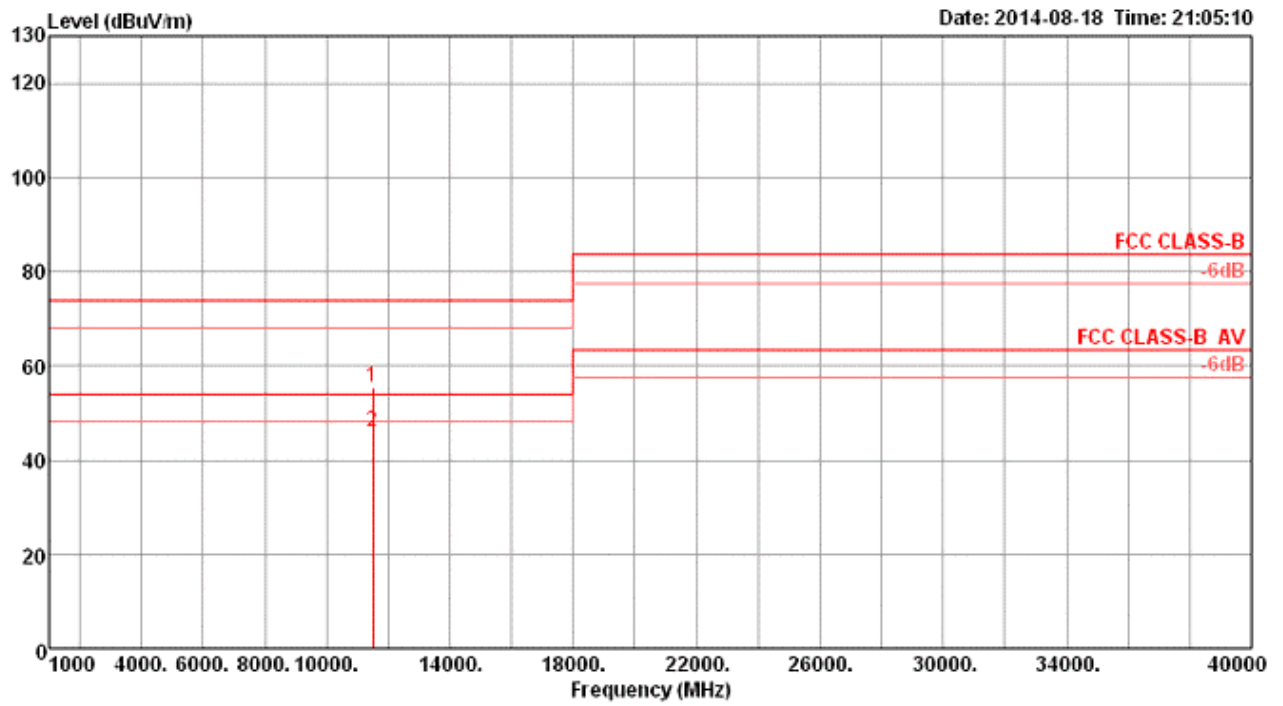
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 149 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	11471.17	55.48	74.00	-18.52	41.83	9.23	39.50	35.08	Peak	150	92	HORIZONTAL
2	11493.37	43.88	54.00	-10.12	30.22	9.24	39.50	35.08	Average	150	92	HORIZONTAL

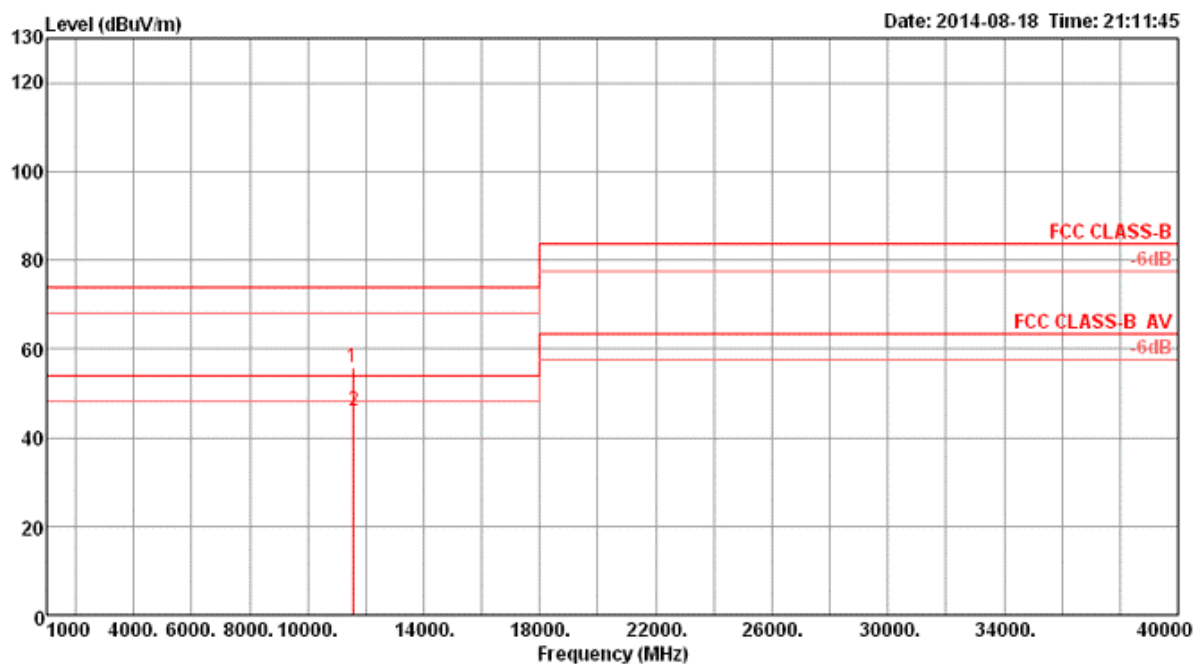
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp			A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

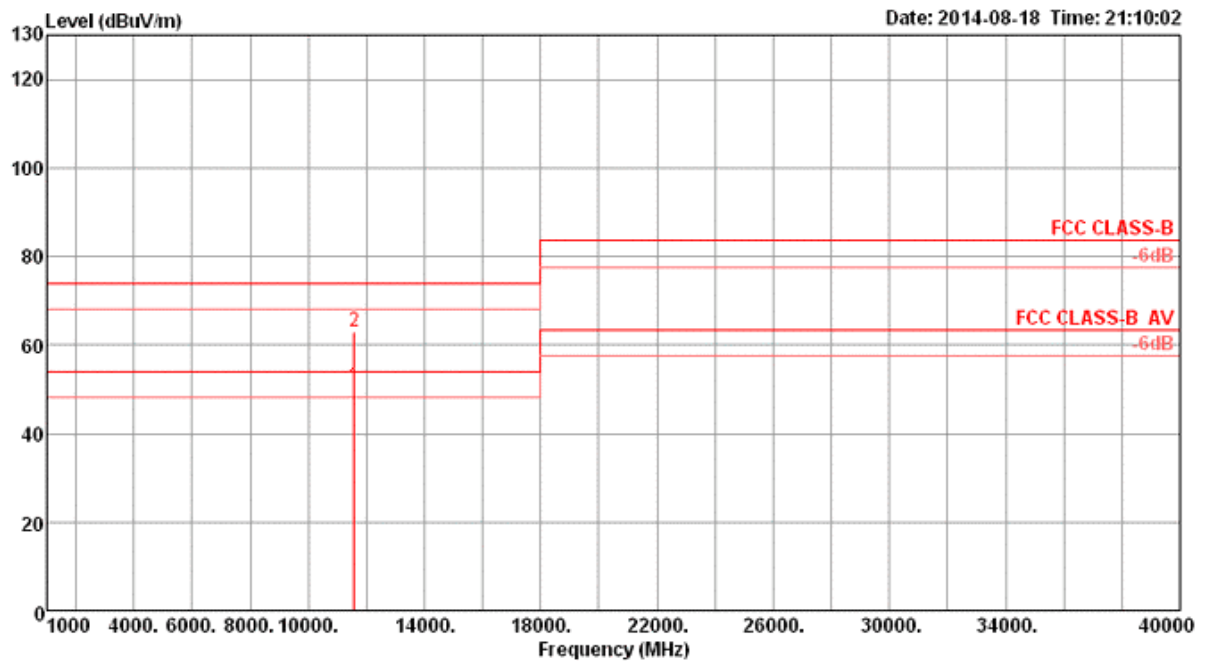
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 157 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

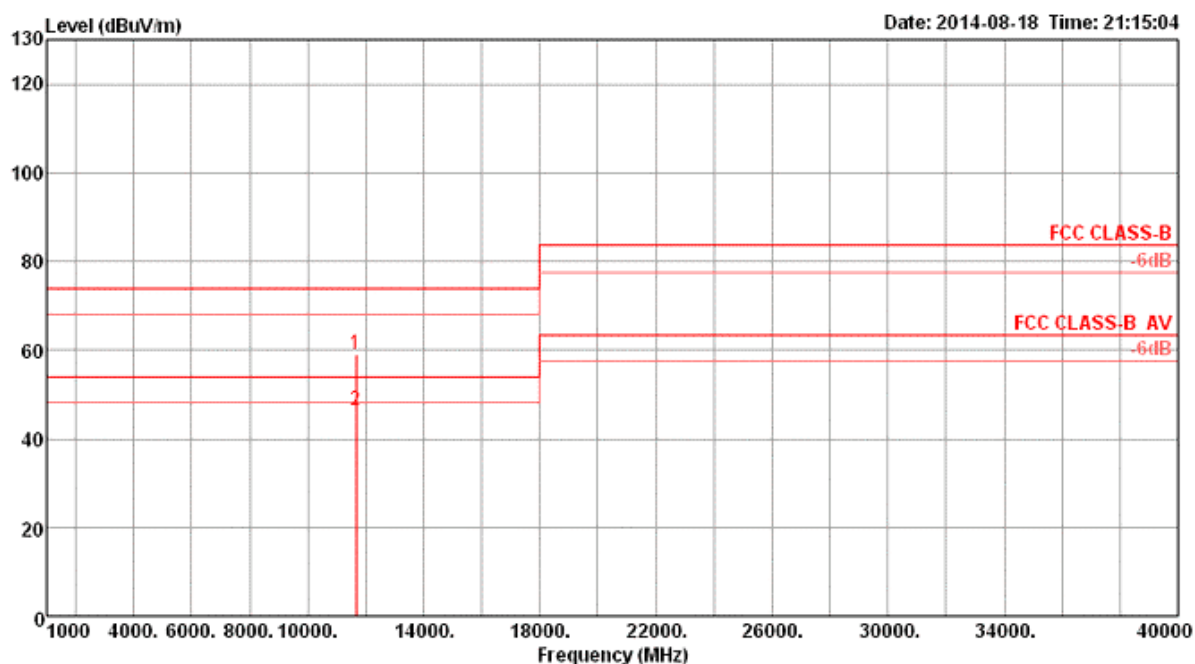
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp			A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
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

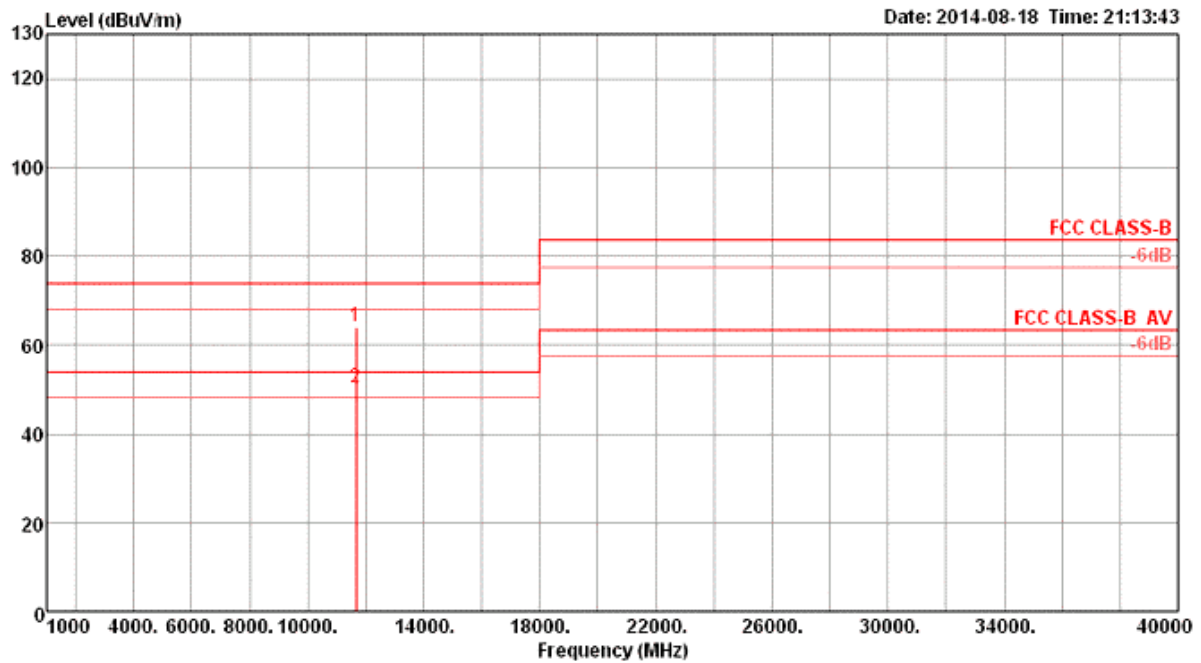
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11a CH 165 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit Line	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	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

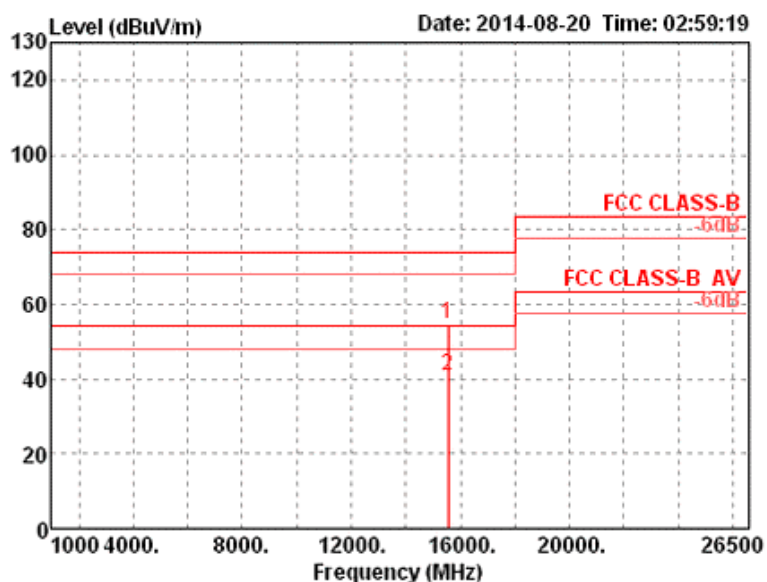


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11650.40	64.02	74.00	-9.98	50.37	9.28	39.44	35.07	Peak	150	228	VERTICAL
2	11650.56	50.36	54.00	-3.64	36.71	9.28	39.44	35.07	Average	150	228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

For Beamforming function:

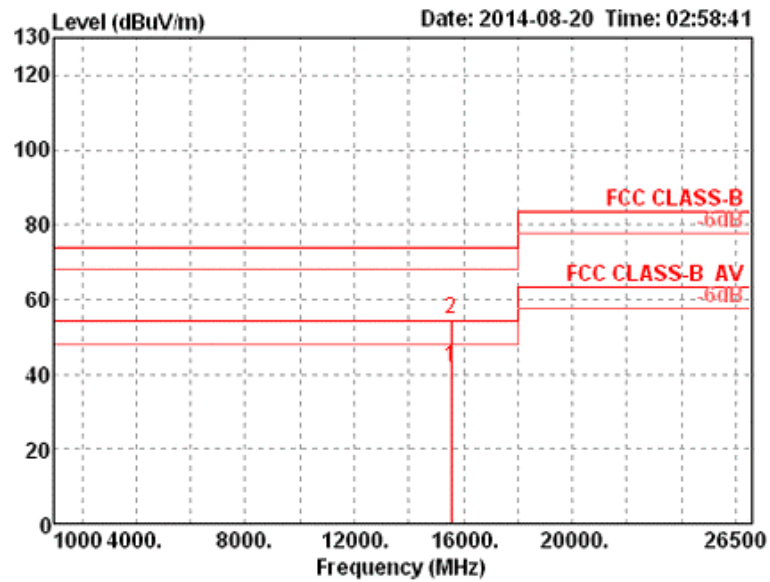
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

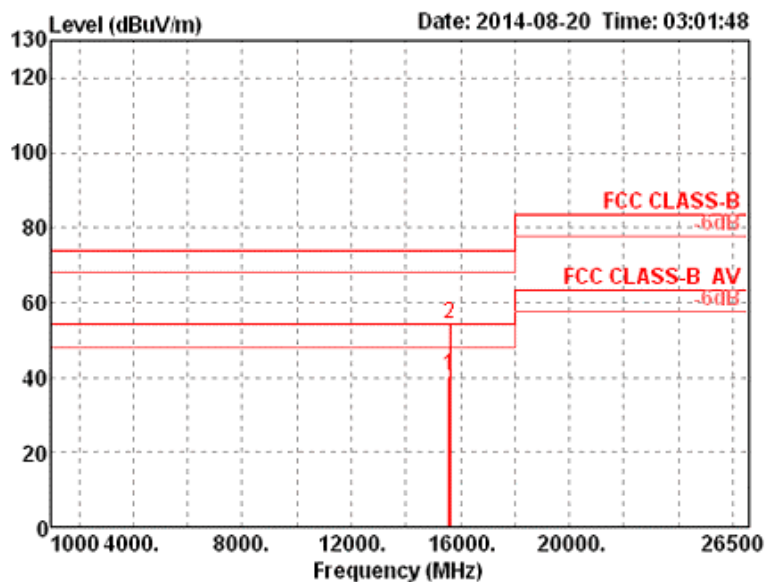
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

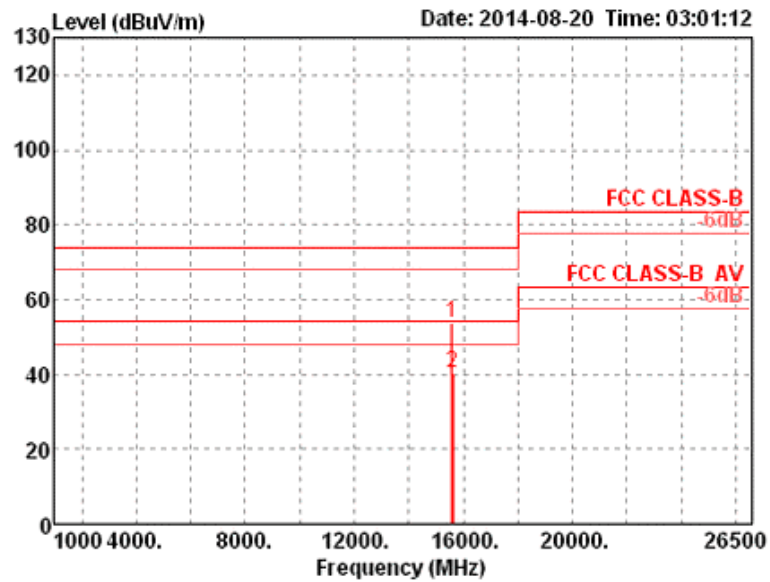
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	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

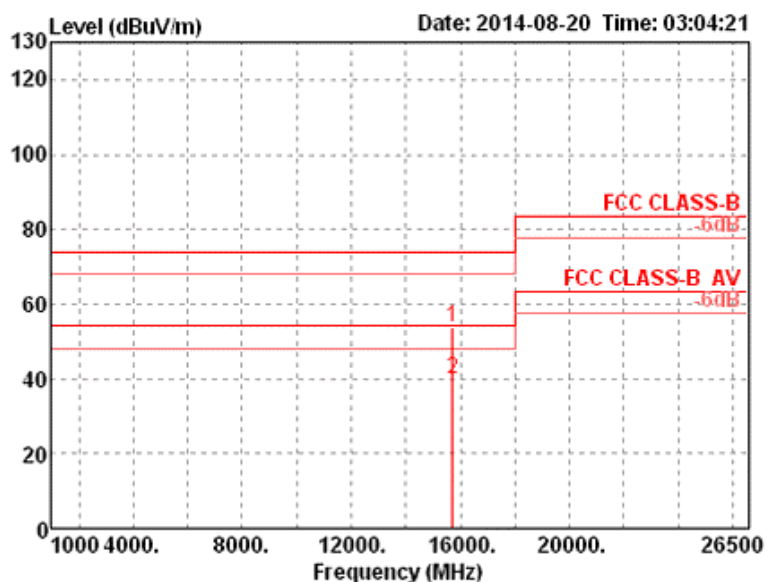
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

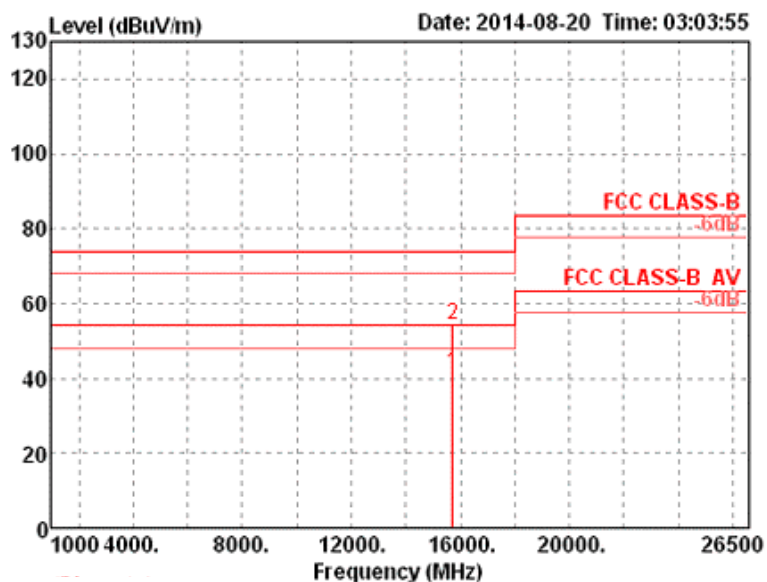
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

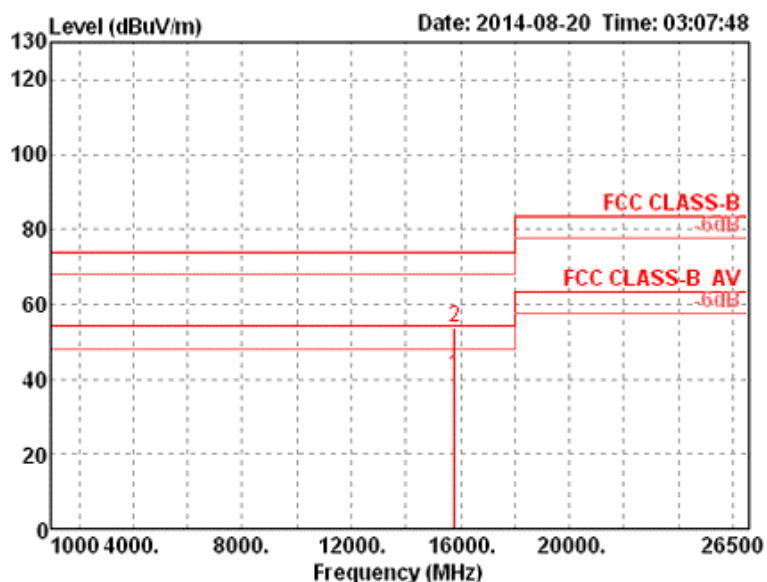
Vertical



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

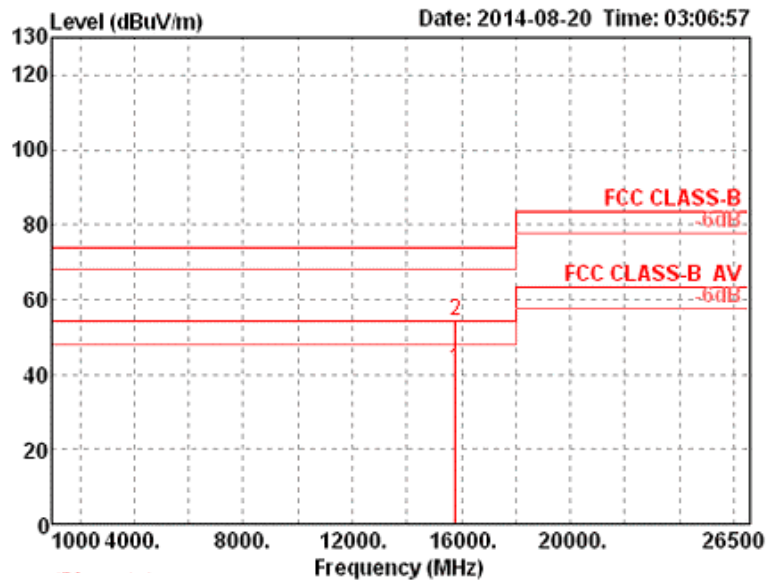
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

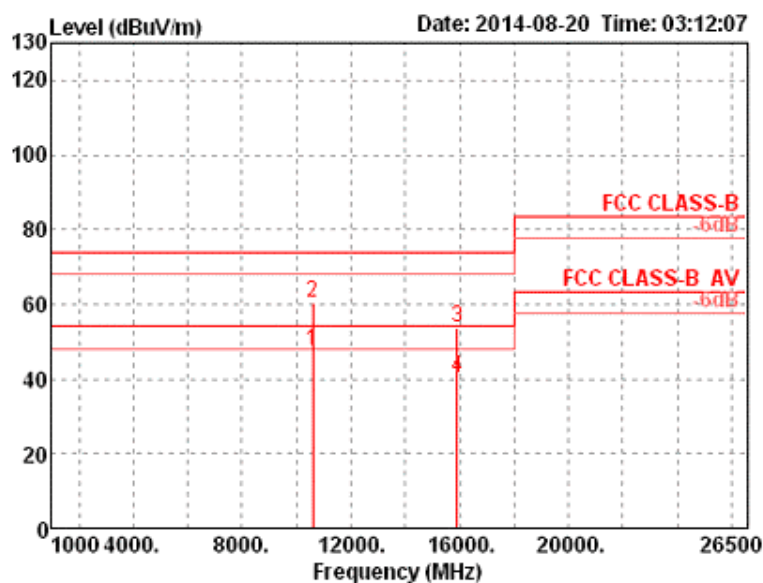
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			
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

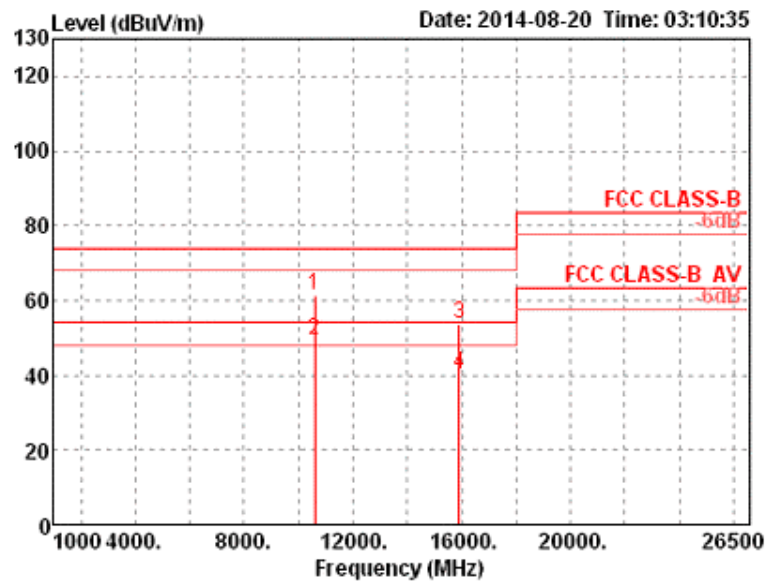
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2

Horizontal



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

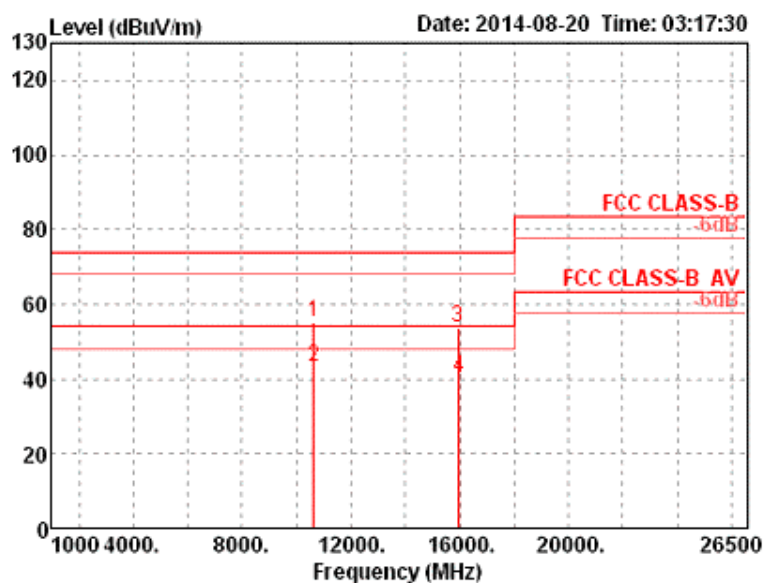
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	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	100	44	VERTICAL
2	10601.44	49.27	54.00	-4.73	40.57	5.01	38.92	35.23	100	44	VERTICAL
3	15896.48	53.60	74.00	-20.40	44.77	6.15	37.94	35.26	100	167	VERTICAL
4	15902.98	40.29	54.00	-13.71	31.48	6.15	37.92	35.26	100	167	VERTICAL

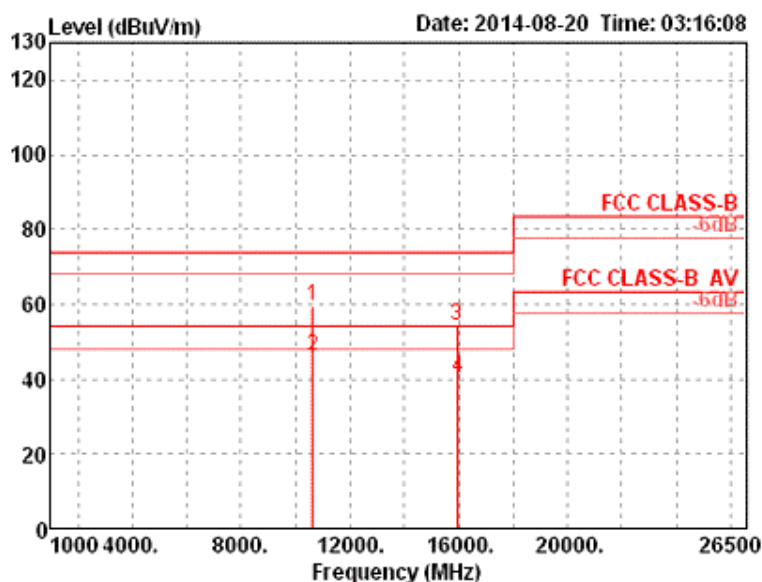
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
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

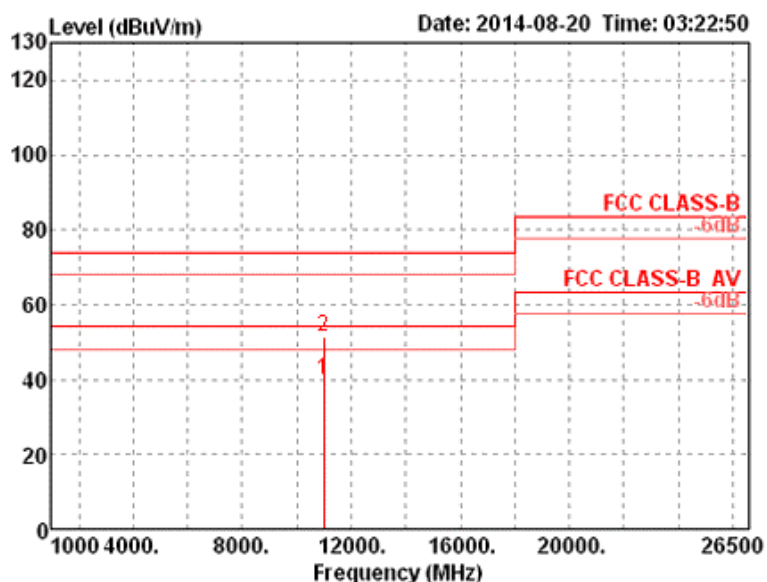
Vertical



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

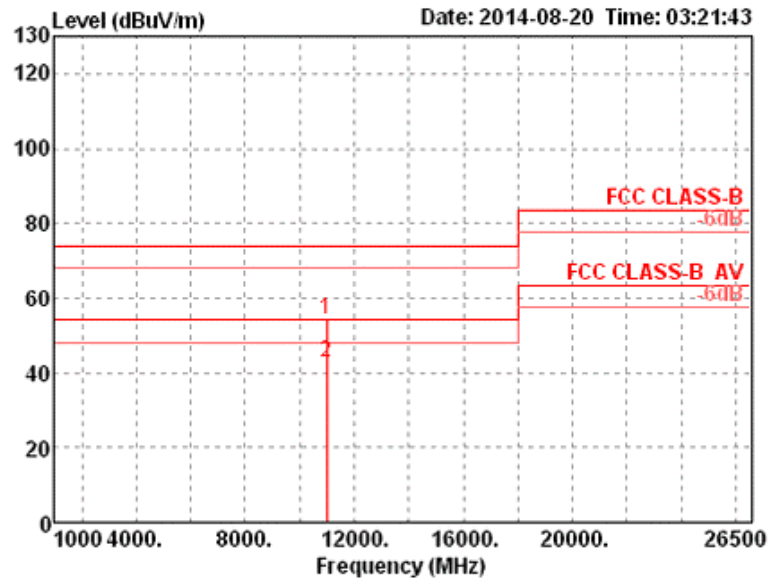
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

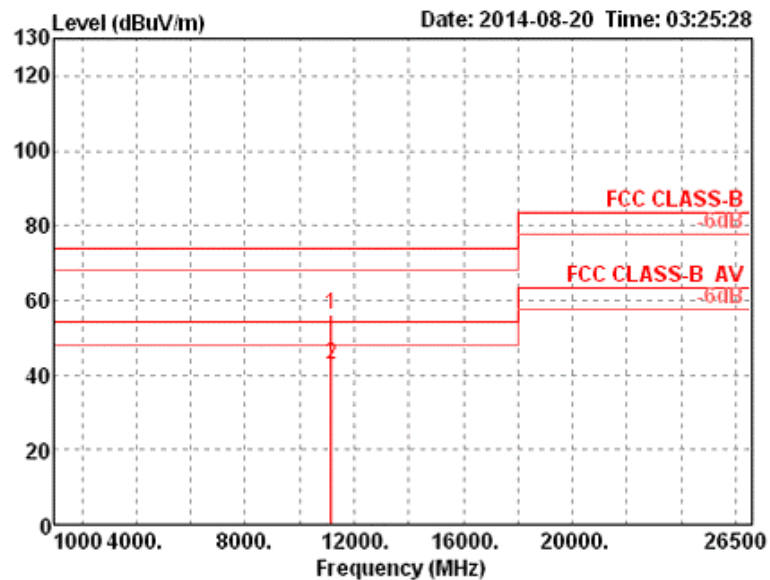
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

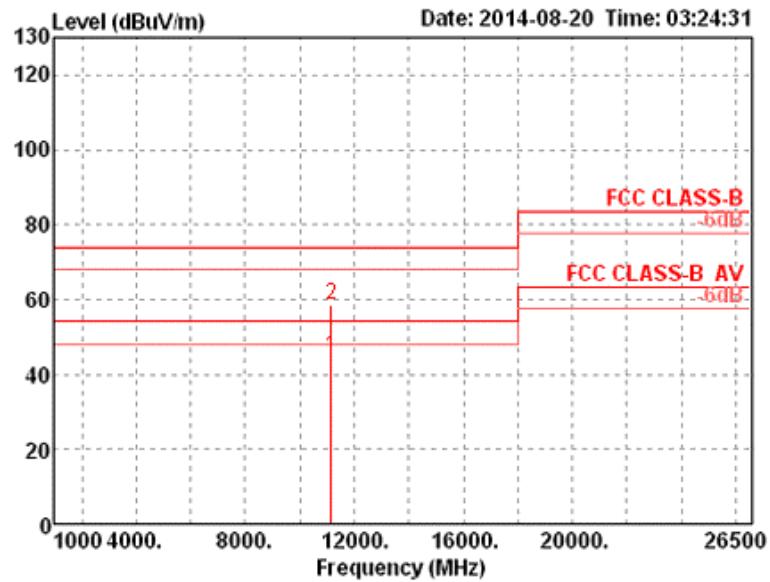
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

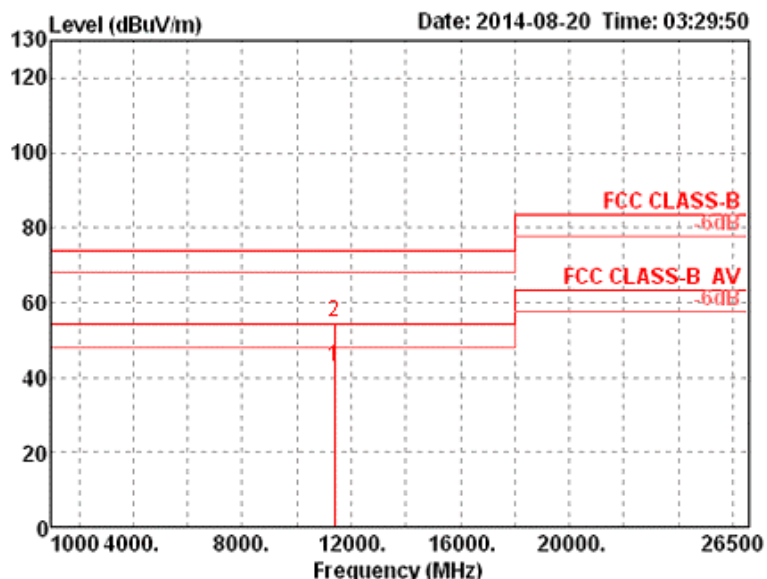
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	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

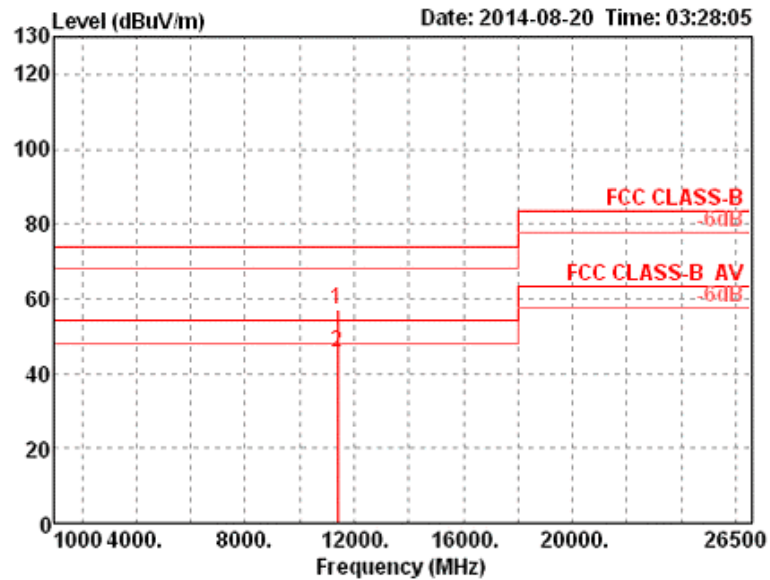
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

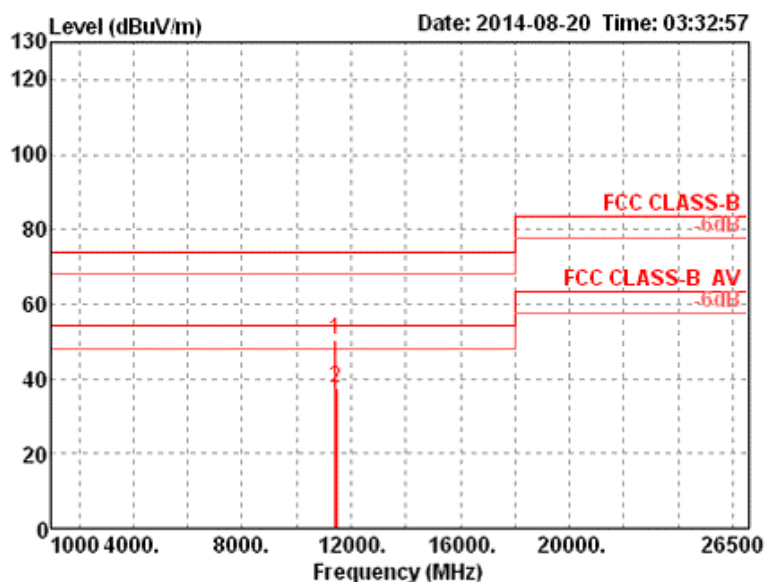
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

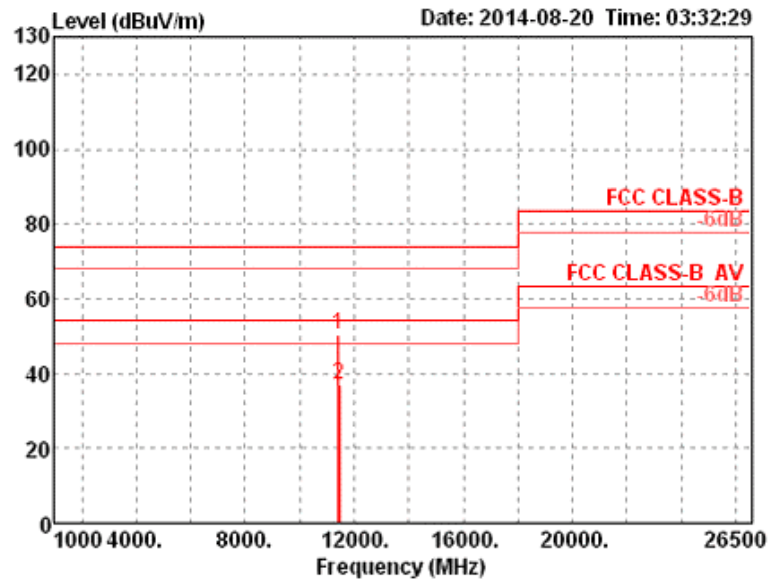
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

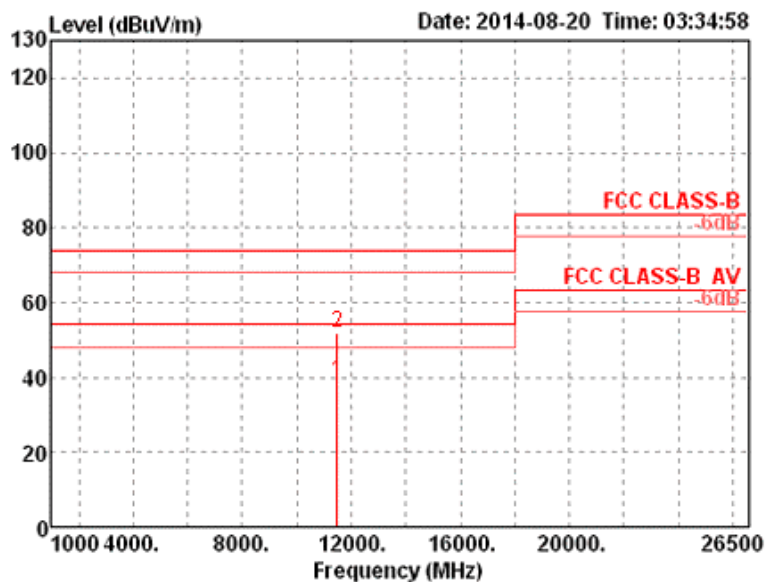
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	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

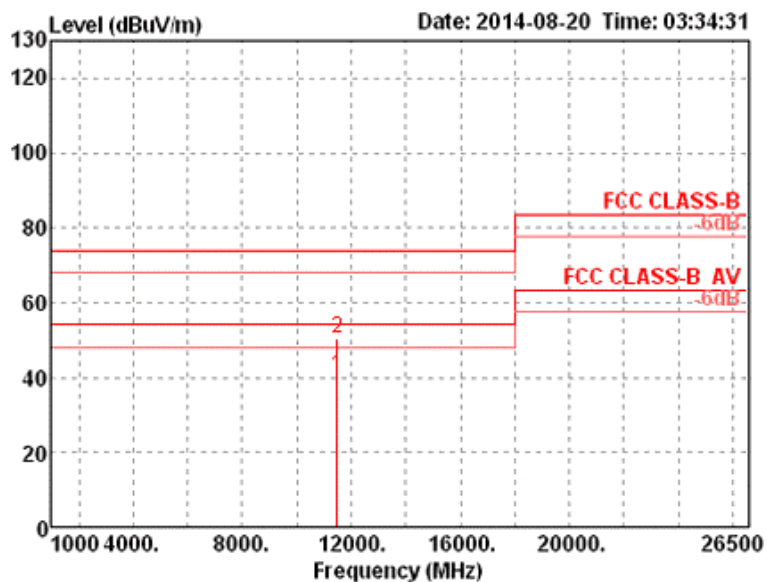
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

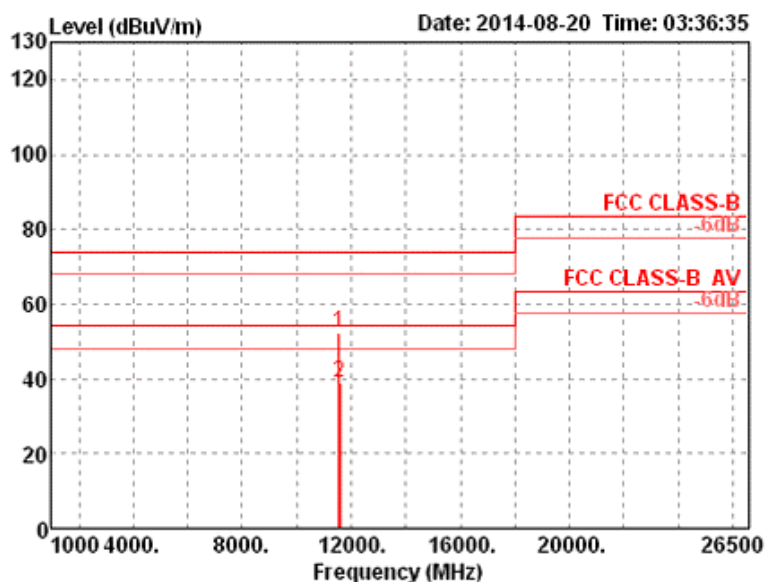
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	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

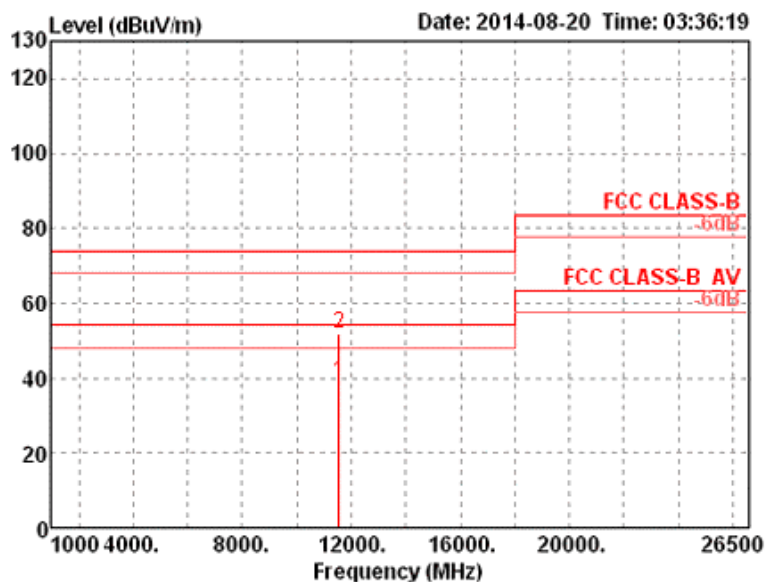
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

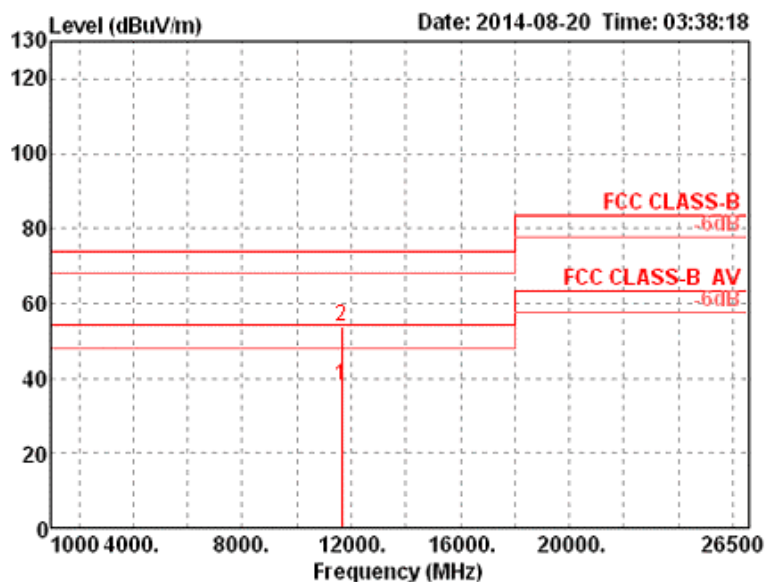
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	11566.84	38.65	54.00	-15.35	29.14	5.13	39.44	35.06	Average	100	134
2	11568.76	51.62	74.00	-22.38	42.11	5.13	39.44	35.06	Peak	100	134

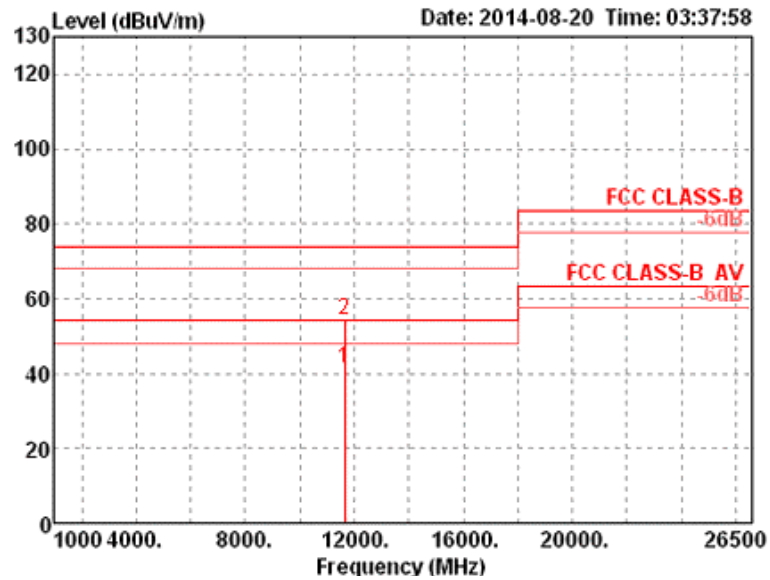
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	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

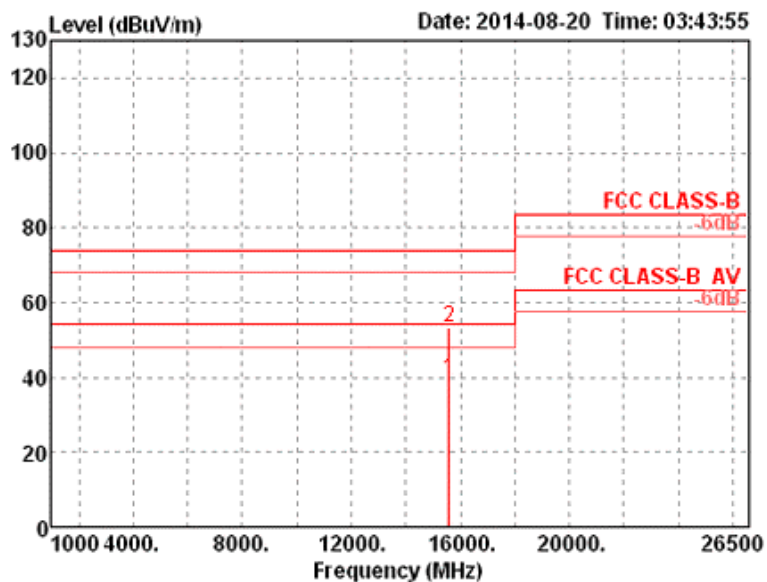
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	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

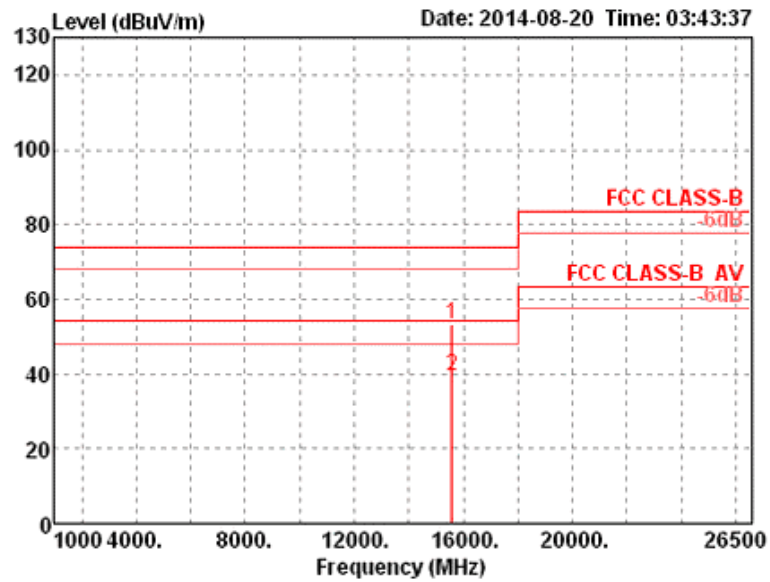
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

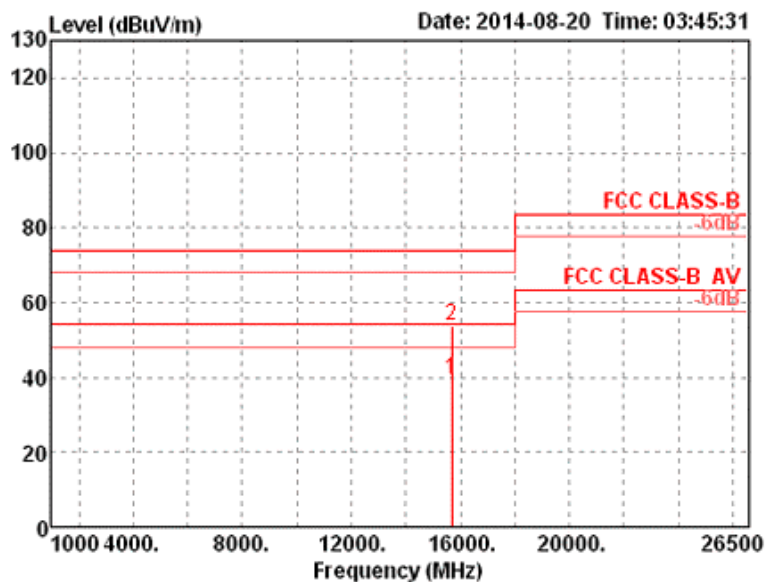
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

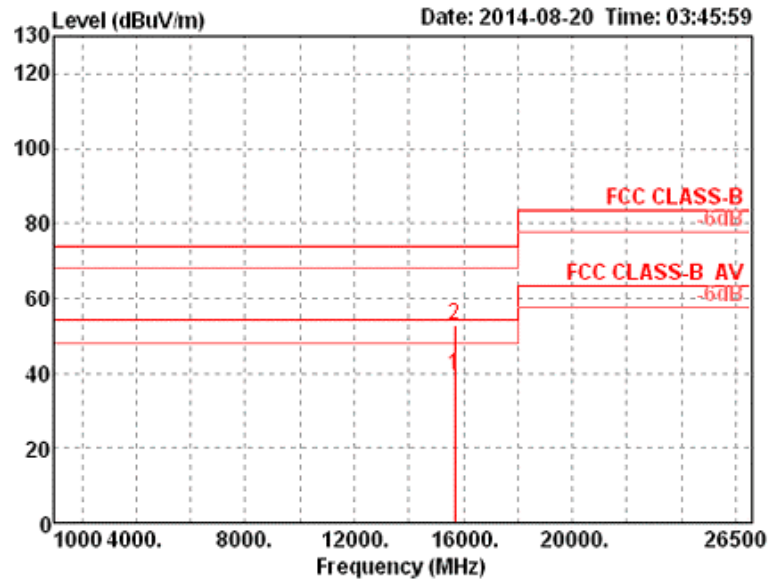
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

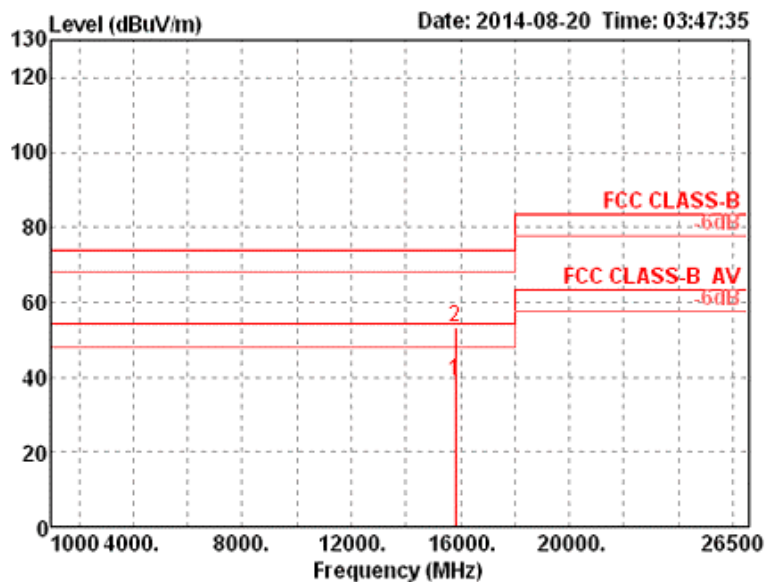
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
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

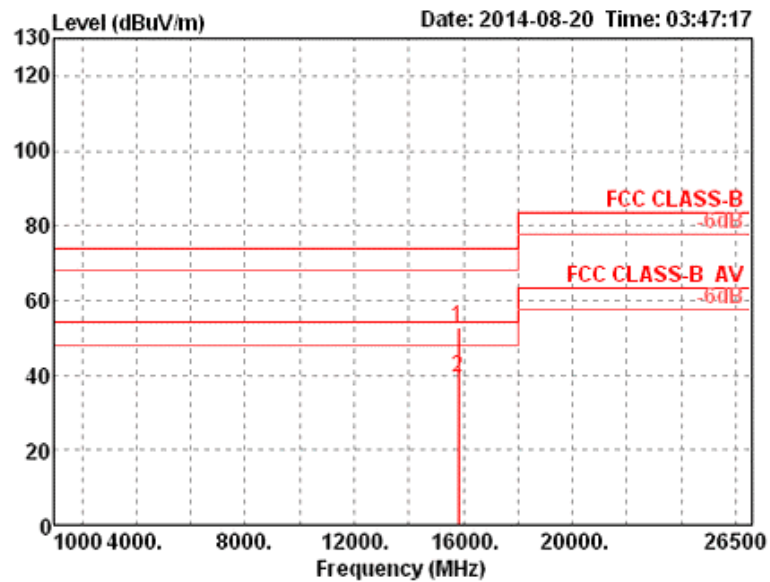
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15807.63	38.78	54.00	-15.22	29.81	6.14	38.07	35.24	100	240	HORIZONTAL
2	15807.73	53.26	74.00	-20.74	44.29	6.14	38.07	35.24	100	240	HORIZONTAL

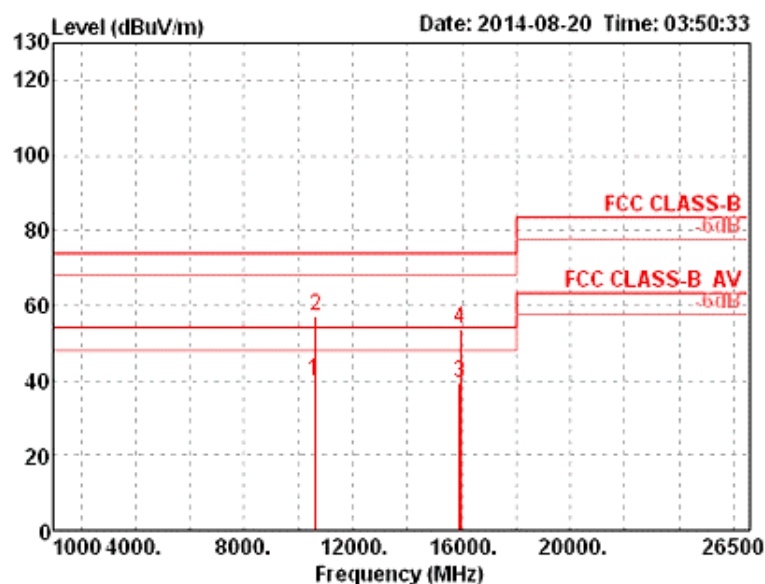
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
	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

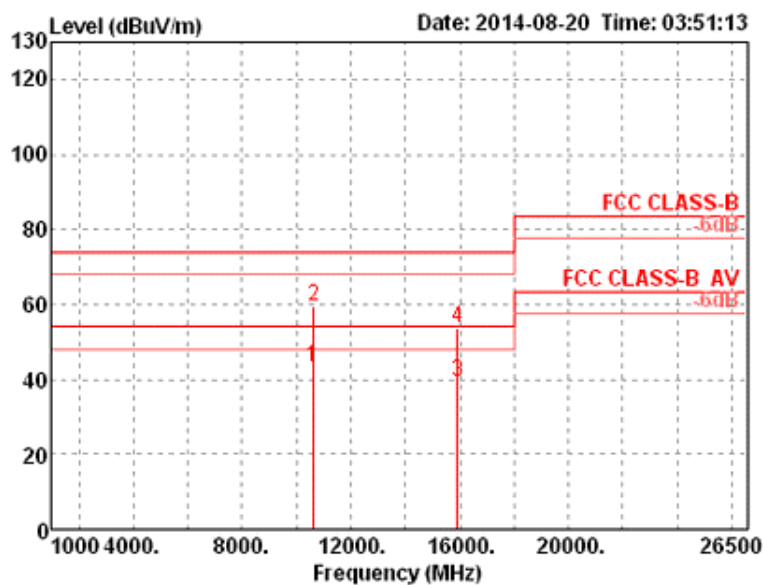
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

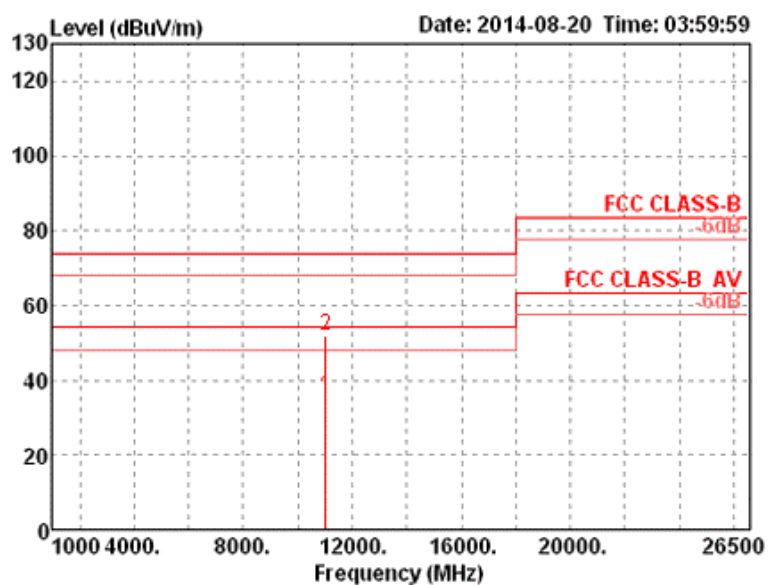
Vertical



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

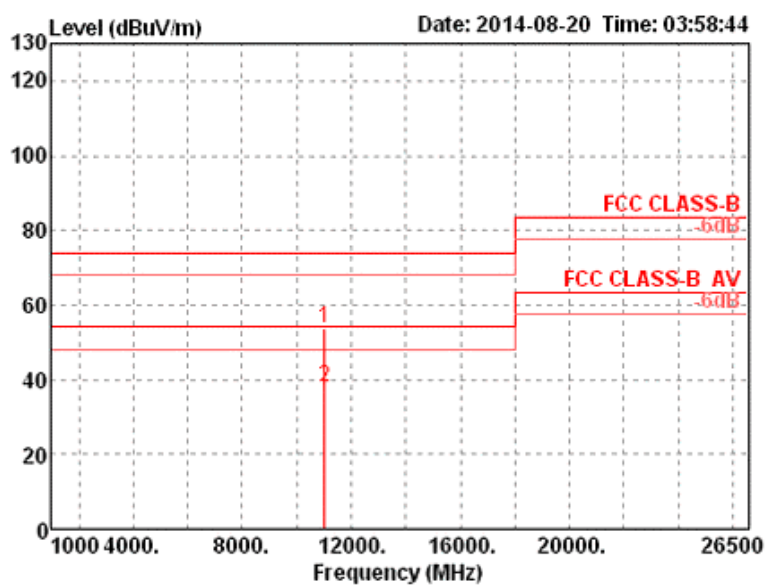
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

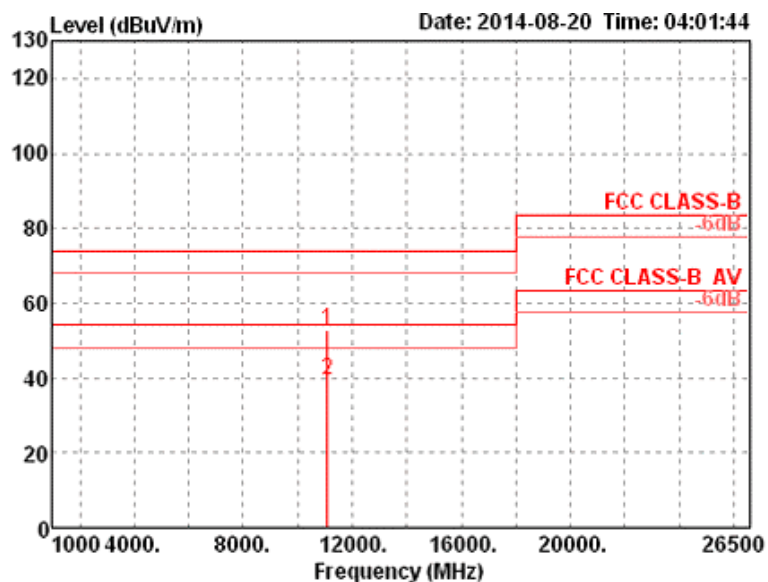
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

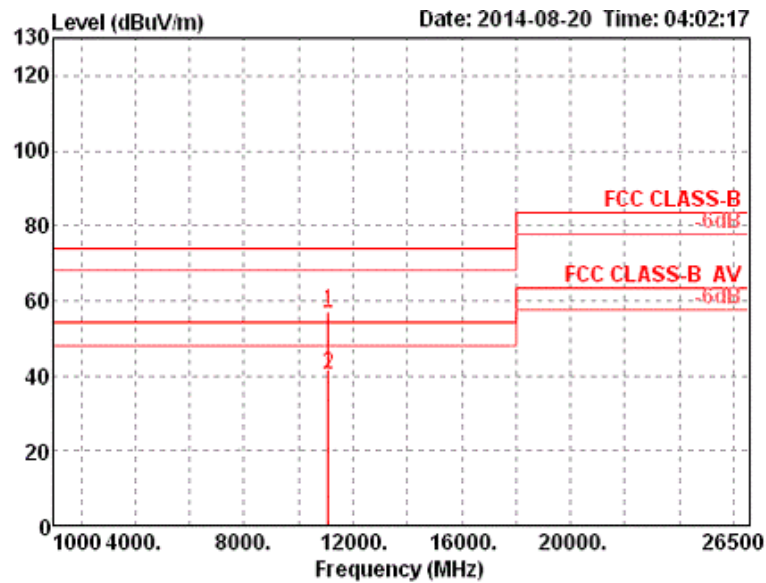
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11098.62	52.63	74.00	-21.37	43.51	5.03	39.08	34.99	Peak	100	152	HORIZONTAL
2	11101.43	39.54	54.00	-14.46	30.42	5.03	39.08	34.99	Average	100	152	HORIZONTAL

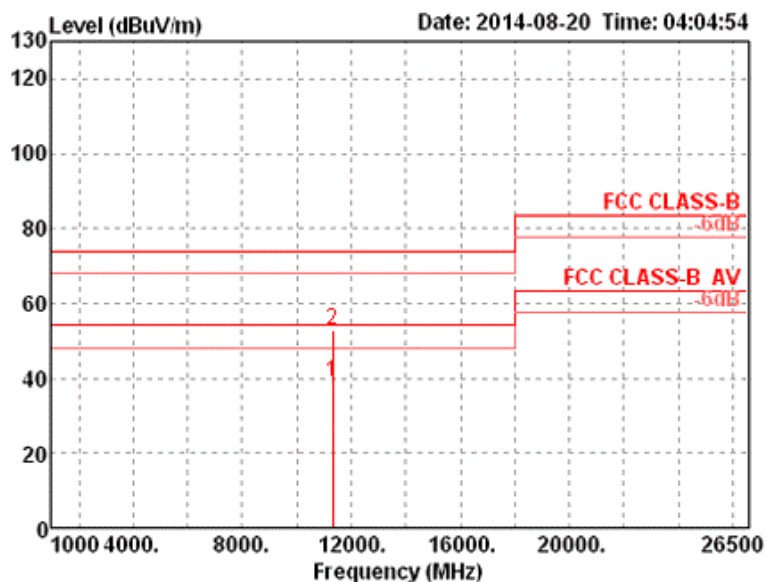
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

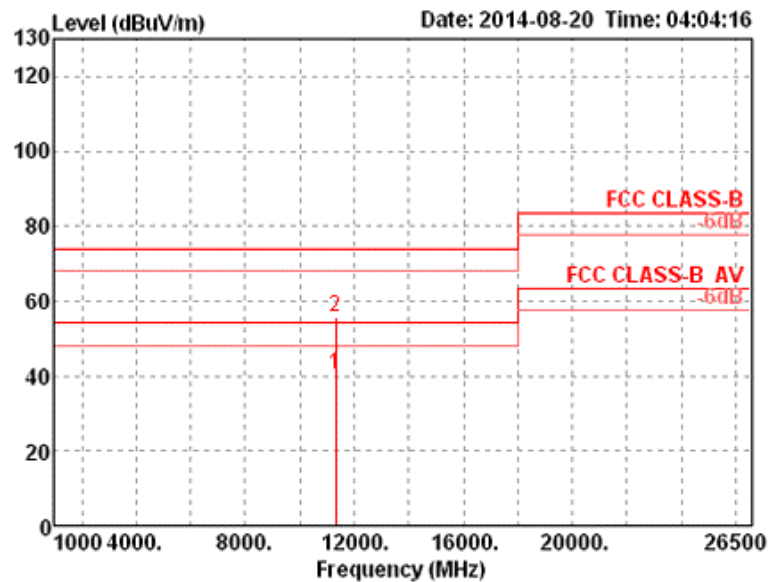
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

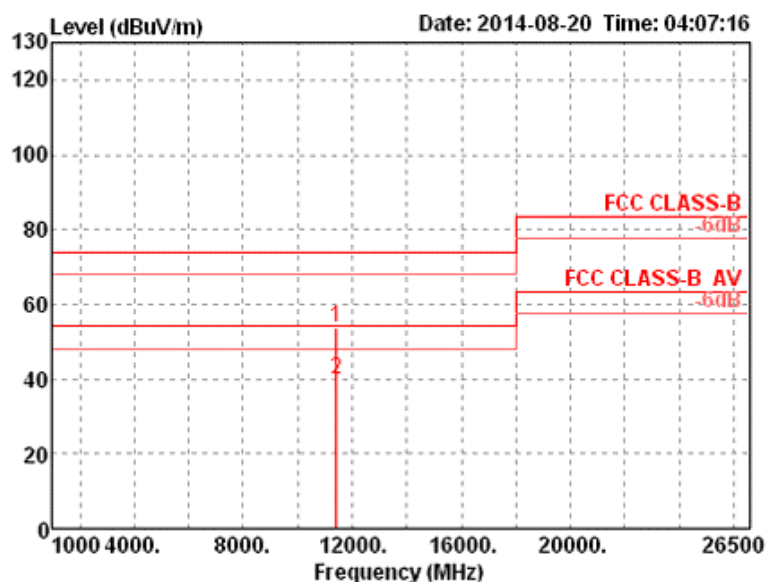
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

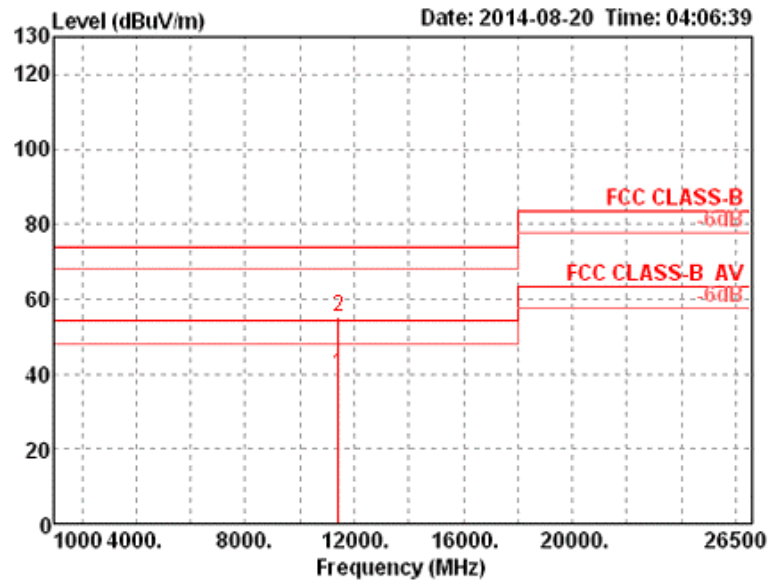
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

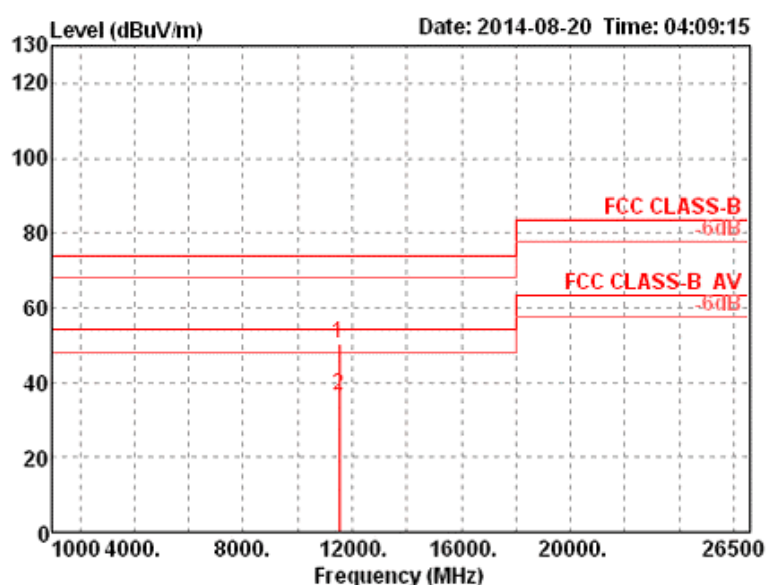
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

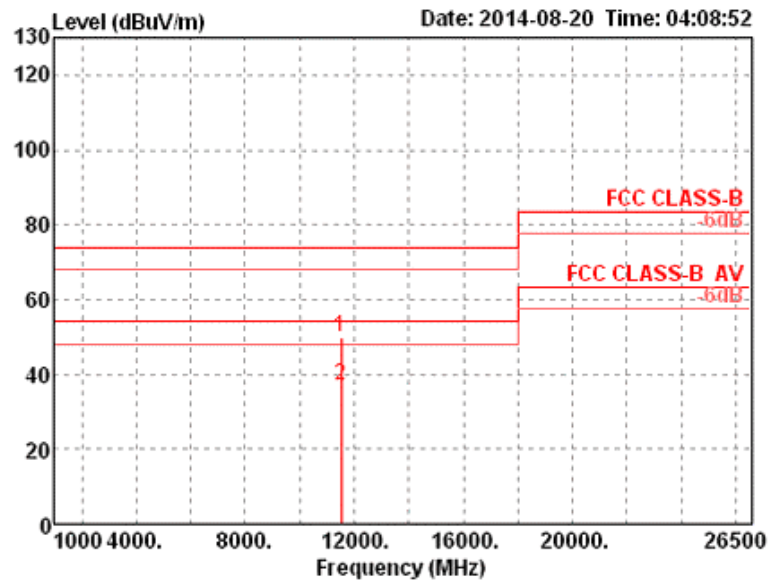
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
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

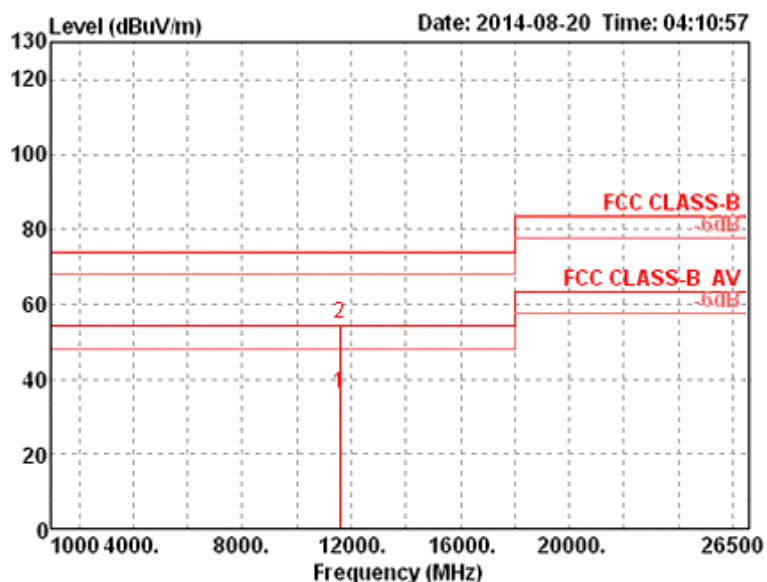
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			
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

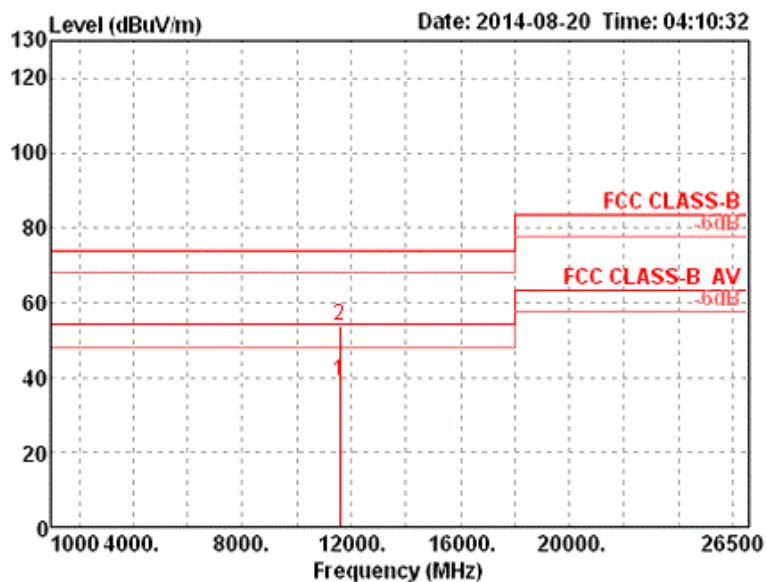
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2

Horizontal



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

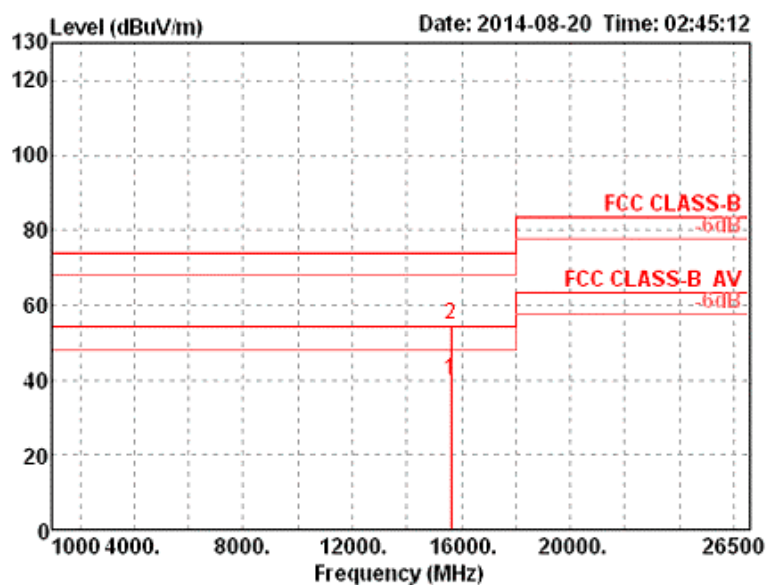
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	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

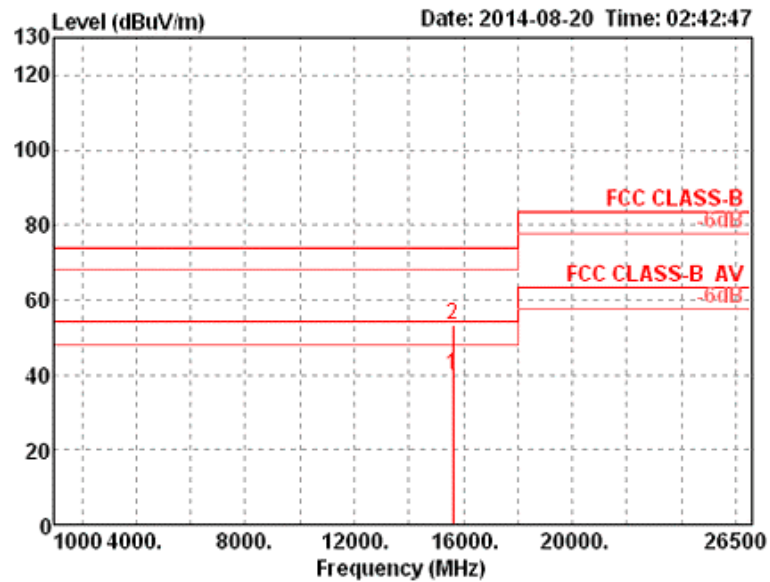
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

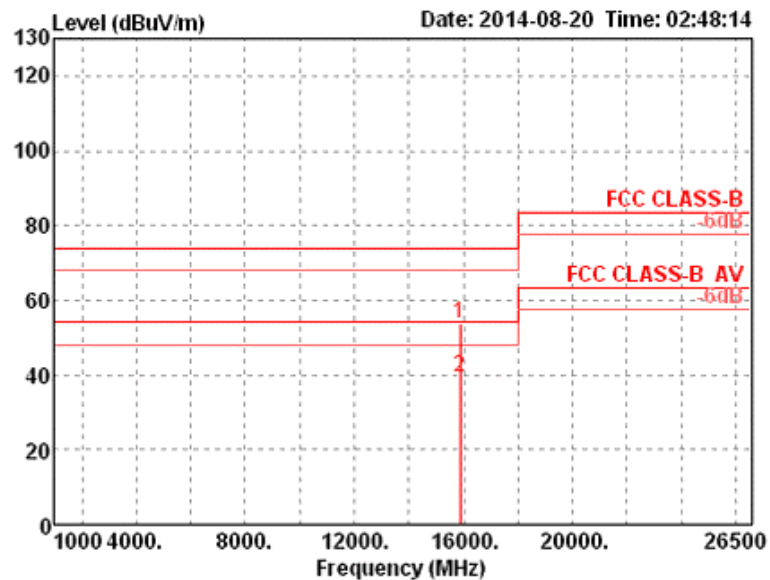
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

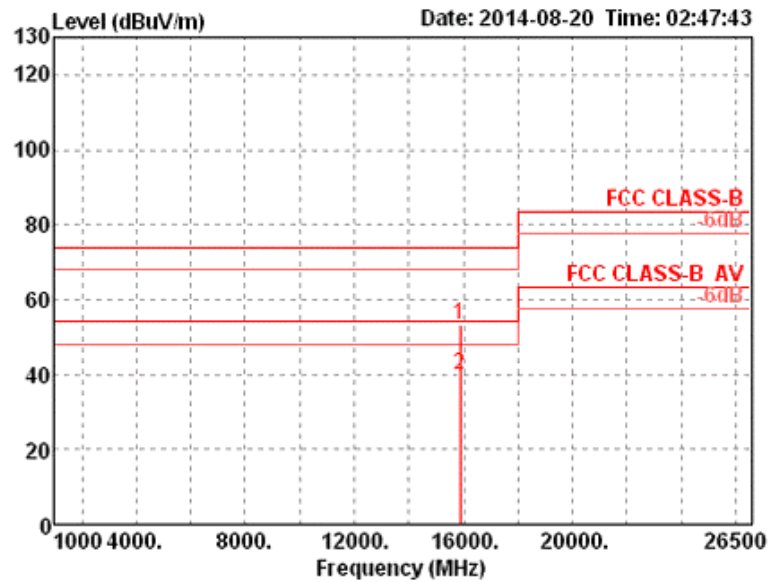
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

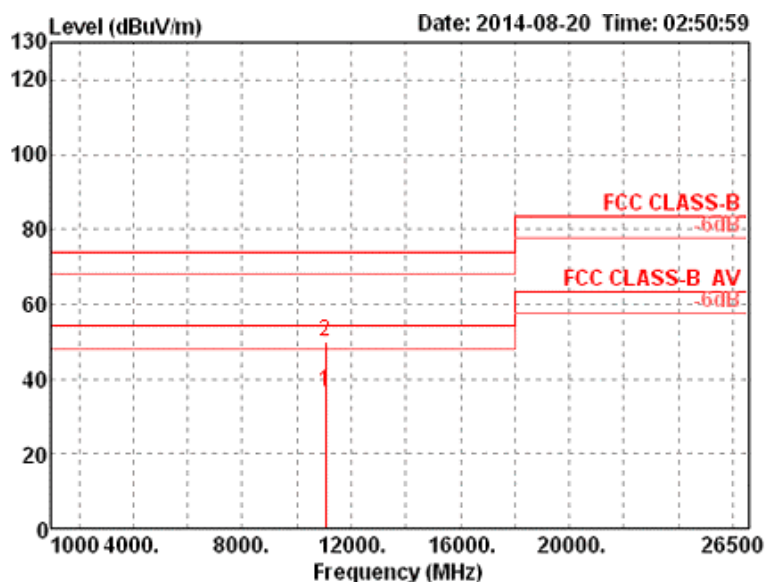
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
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

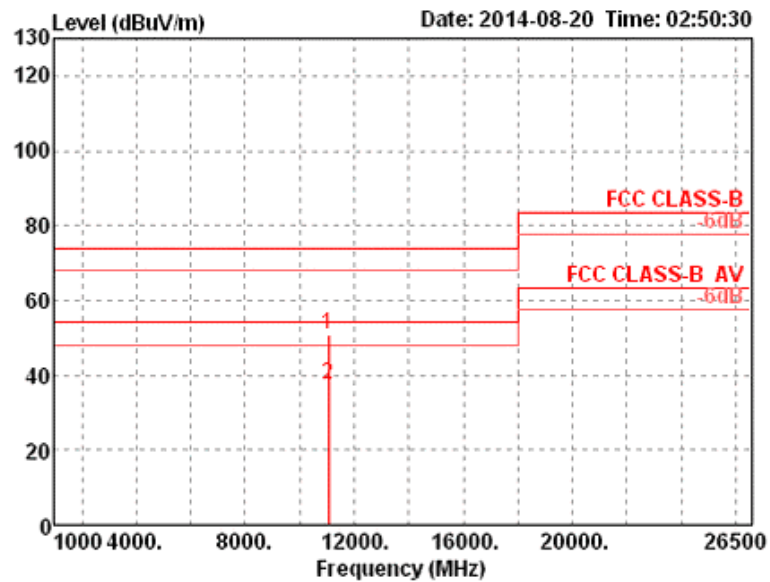
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

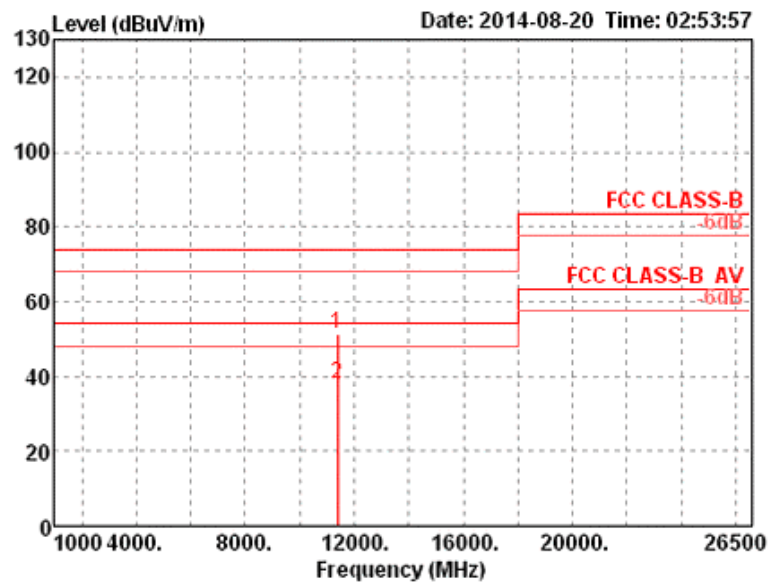
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				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

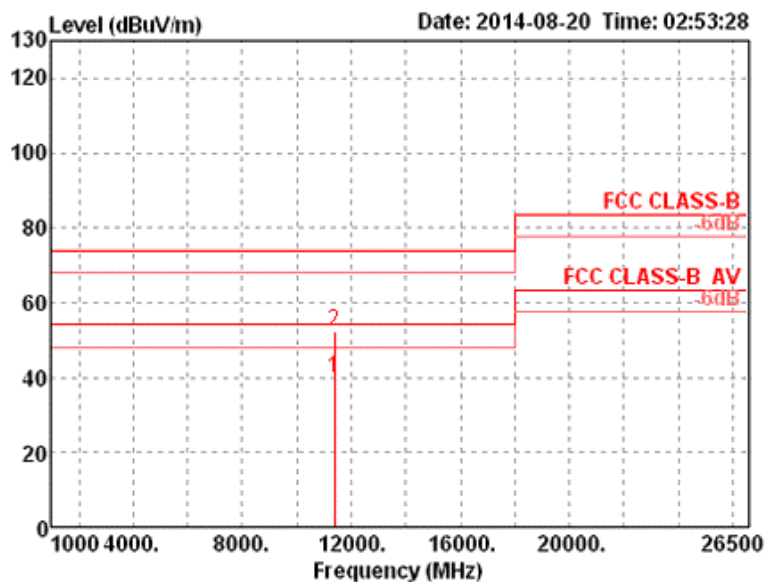
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

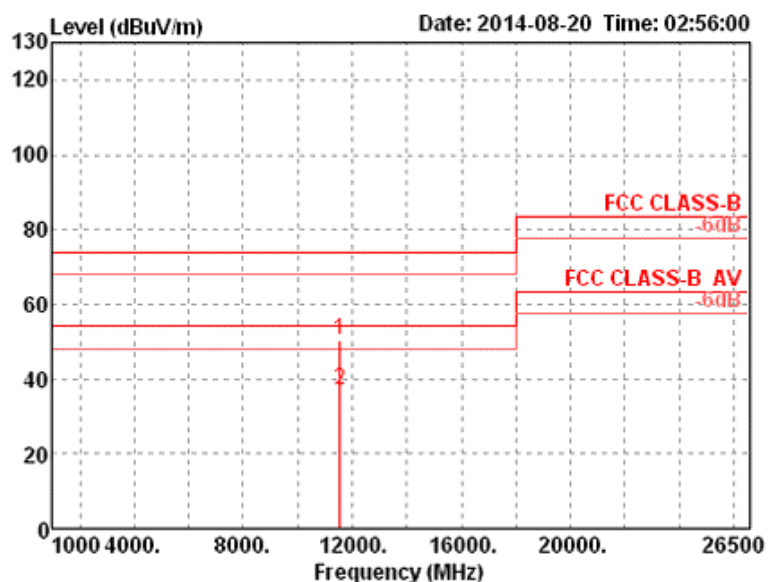
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
			dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
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

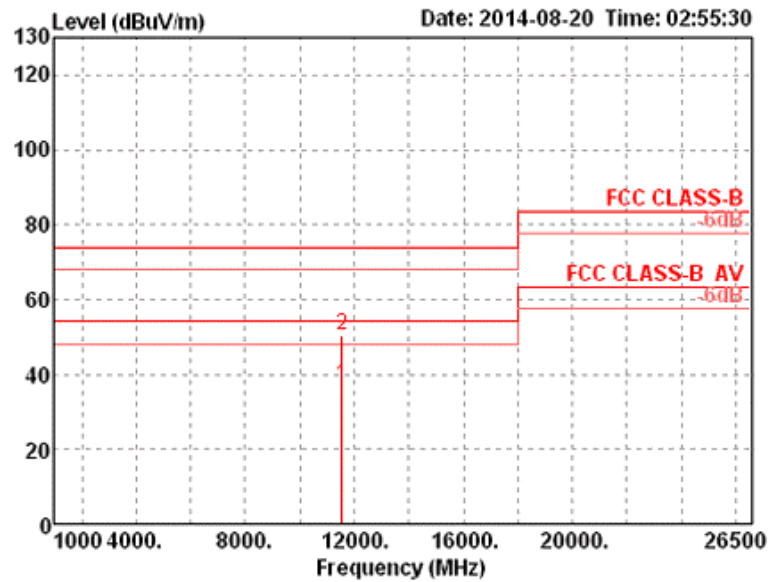
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
				dB	dBuV	dB	dB/m	dB			Pol/Phase
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

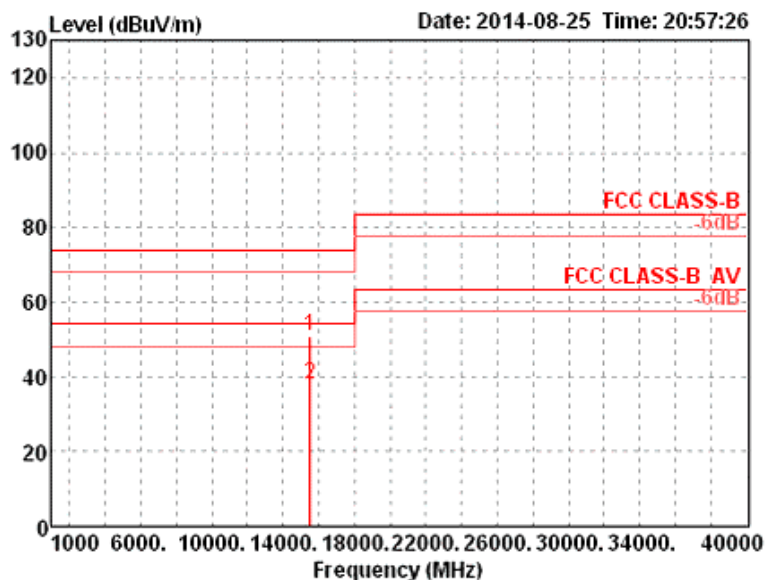


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
1	11549.80	36.93	54.00	-17.07	27.43	5.13	39.43	35.06	Average	100	61	VERTICAL
2	11553.38	50.41	74.00	-23.59	40.91	5.13	39.43	35.06	Peak	100	61	VERTICAL

For STBC function:

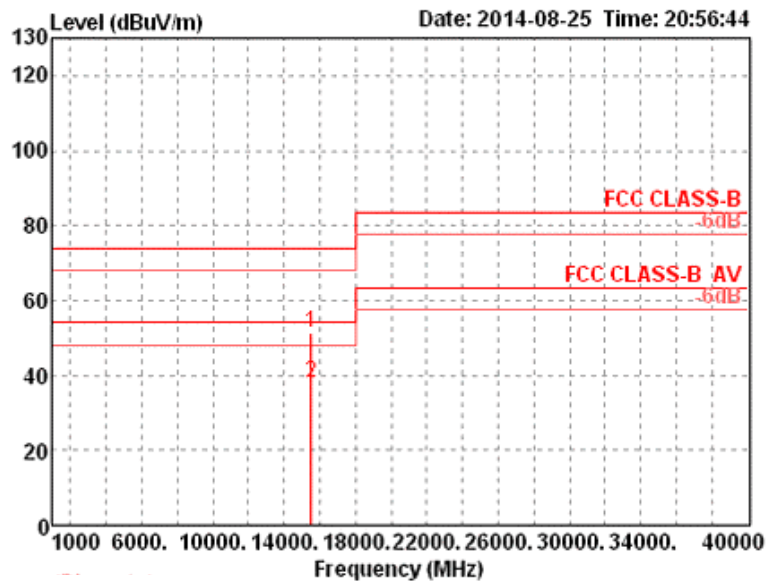
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 36 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	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

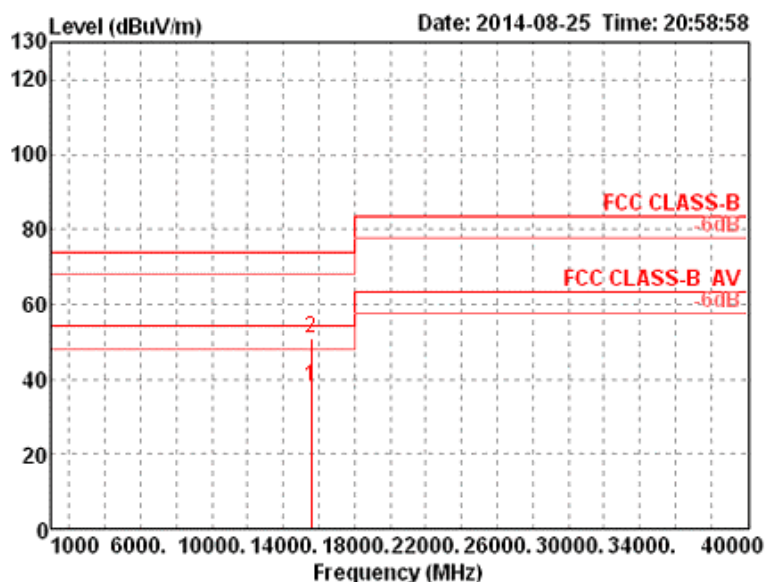
Vertical



	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	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

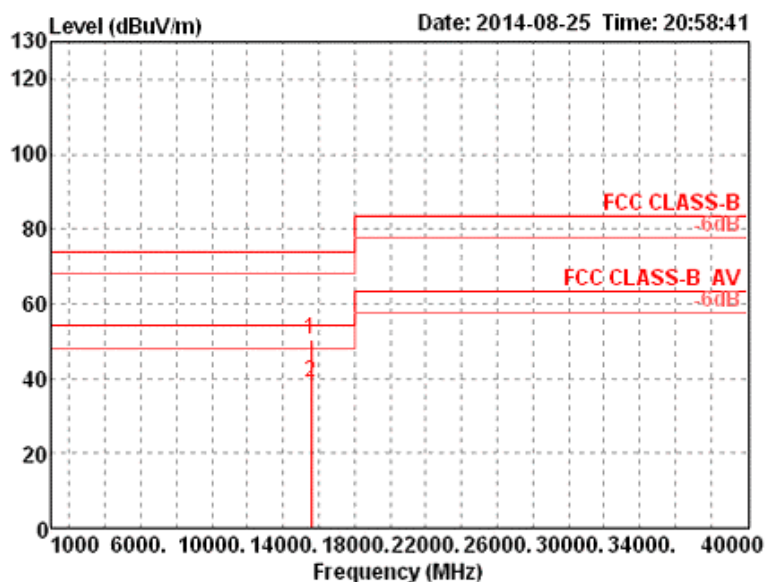
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 40 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

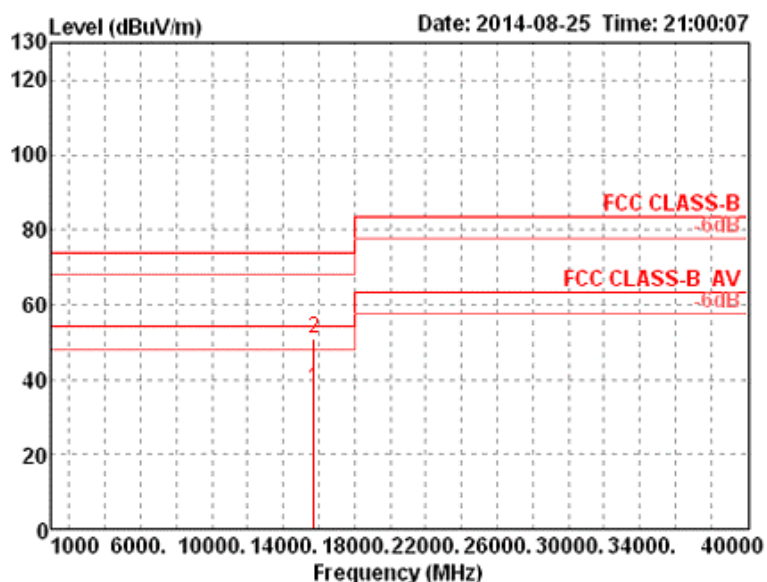
Vertical



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

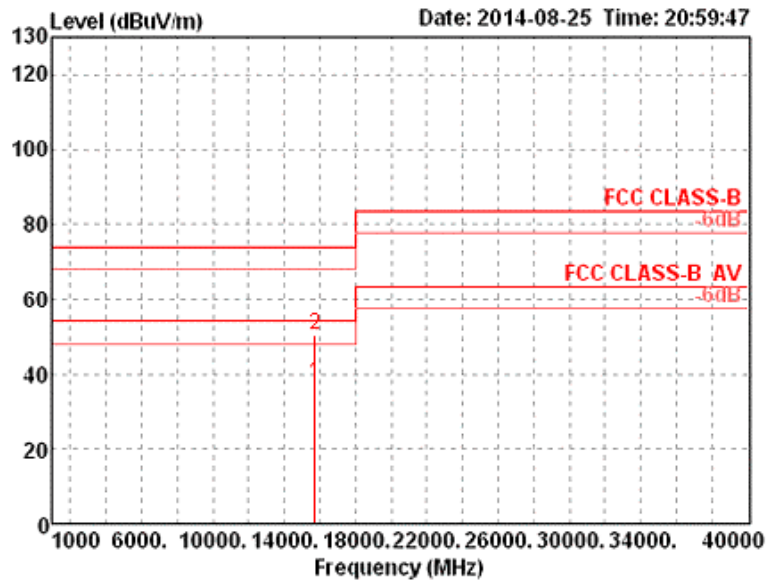
Temperature	23°C	Humidity	61%
Test Engineer	YC Chen	Configurations	IEEE 802.11n MCS0 HT20 CH 48 / Chain 1 + Chain 2

Horizontal



	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15715.08	37.48	54.00	-16.52	28.36	6.14	38.19	35.21	100	75	VERTICAL
2	15725.92	50.16	74.00	-23.84	41.04	6.14	38.19	35.21	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 (microvolts/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)	1 MHz / 3MHz for Peak, 1 MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1 MHz / 3MHz for Peak

4.7.3. Test Procedures

- 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:

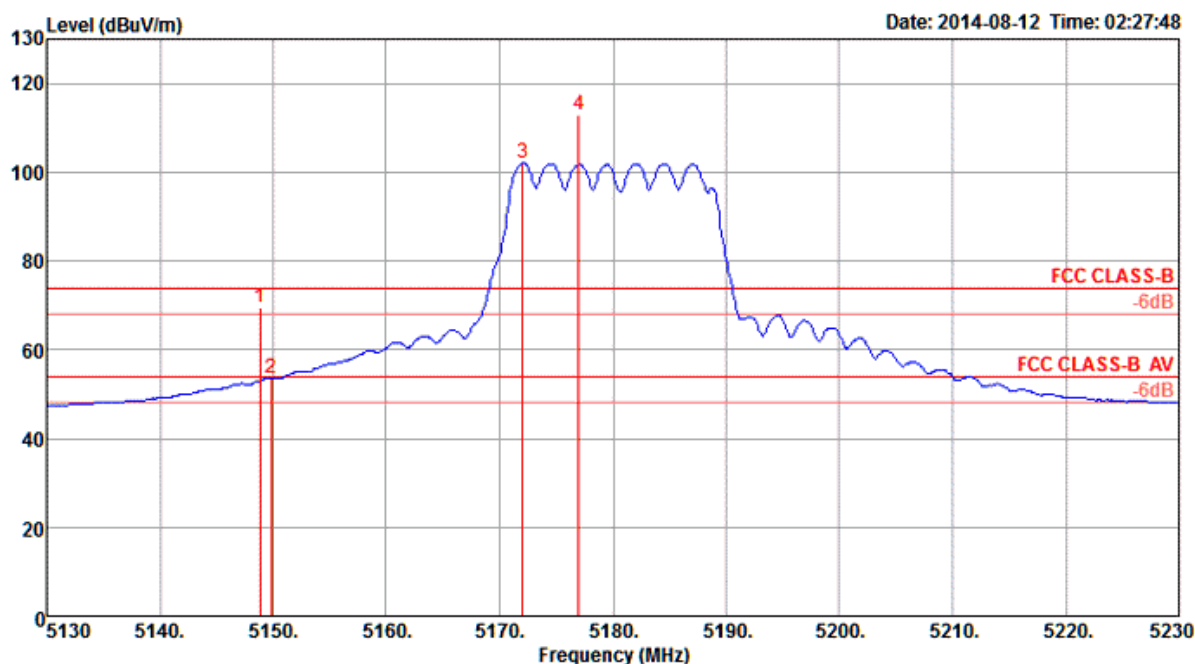
The EUT was programmed to be in beamforming transmitting mode.

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

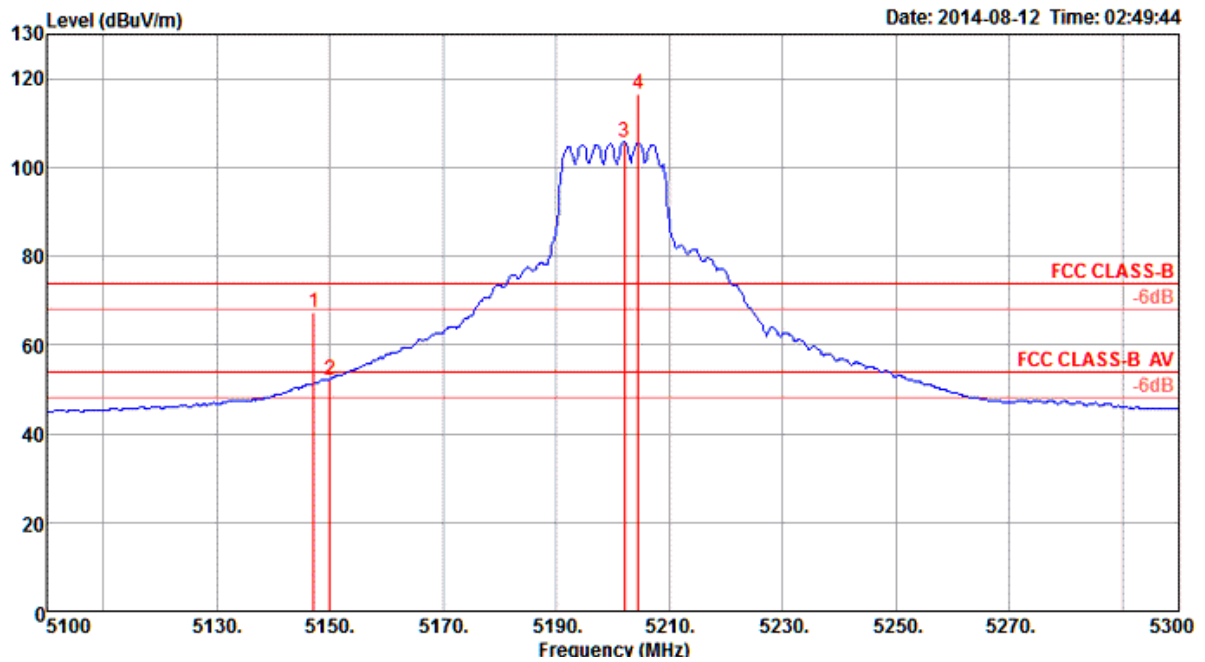


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5148.80	69.69	74.00	-4.31	66.74	4.34	33.14	34.53	VERTICAL	112	279	Peak
2	5149.80	53.64	54.00	-0.36	50.69	4.34	33.14	34.53	VERTICAL	112	279	Average
3	5172.00	101.97			98.98	4.35	33.17	34.53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

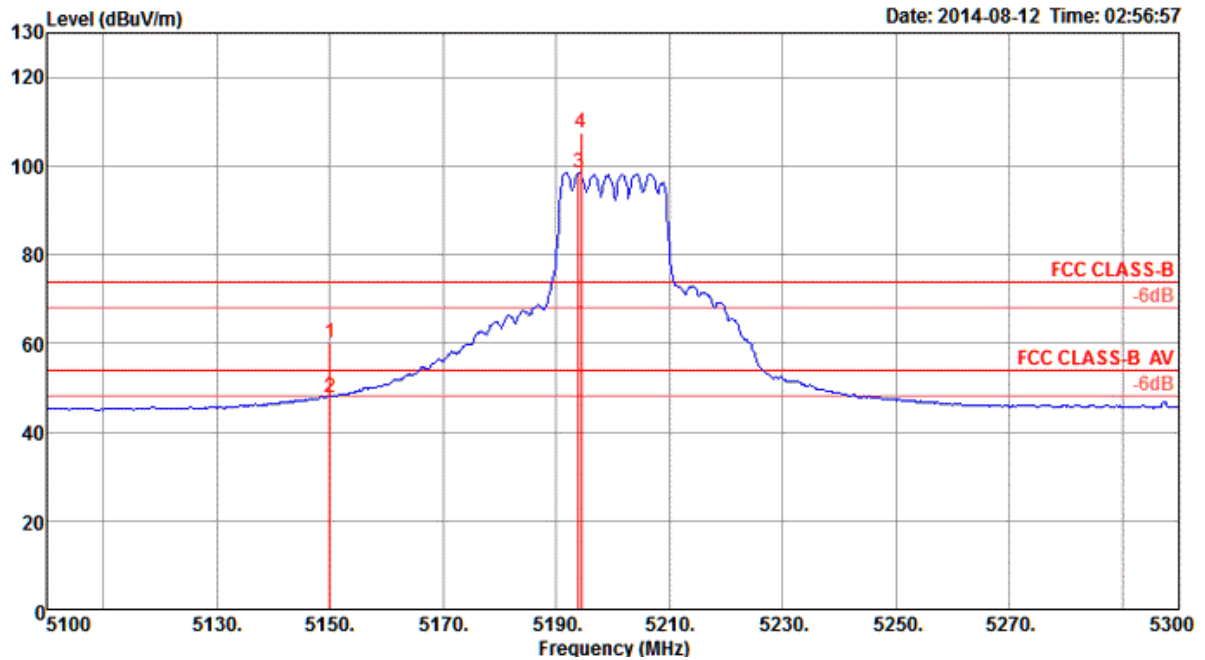


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Pol/Phase	cm	deg	
1	5147.20	67.31	74.00	-6.69	64.36	4.34	33.14	34.53	VERTICAL	101	279	Peak
2	5150.00	52.05	54.00	-1.95	49.10	4.34	33.14	34.53	VERTICAL	101	279	Average
3	5202.00	105.68			102.62	4.37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



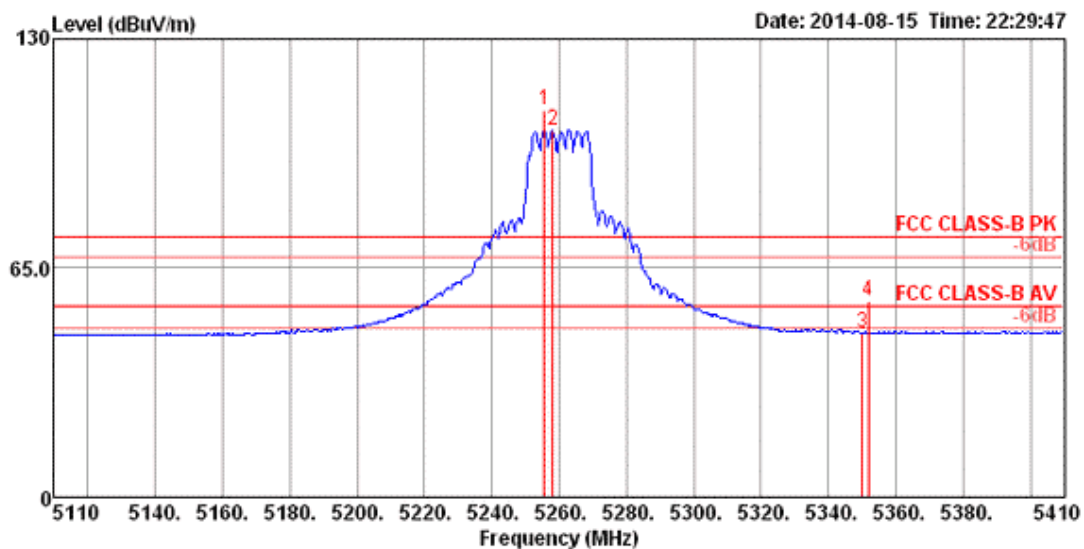
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Pol/Phase	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5150.00	60.16	74.00	-13.84	57.21	4.34	33.14	34.53	HORIZONTAL	100	254	Peak
2	5150.00	47.91	54.00	-6.09	44.96	4.34	33.14	34.53	HORIZONTAL	100	254	Average
3	5194.00	98.65			95.59	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

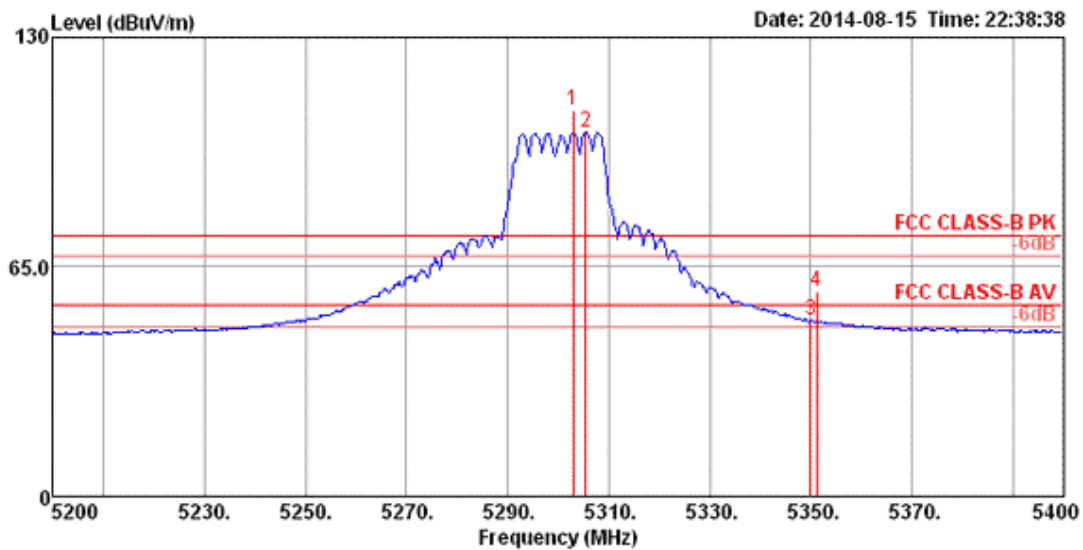


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	cm	deg		
1	5255.50	109.98			106.27	6.06	33.10	35.45	169	150	VERTICAL	Peak
2	5258.20	104.20			100.49	6.06	33.10	35.45	169	150	VERTICAL	Average
3	5350.00	46.52	54.00	-7.48	42.50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

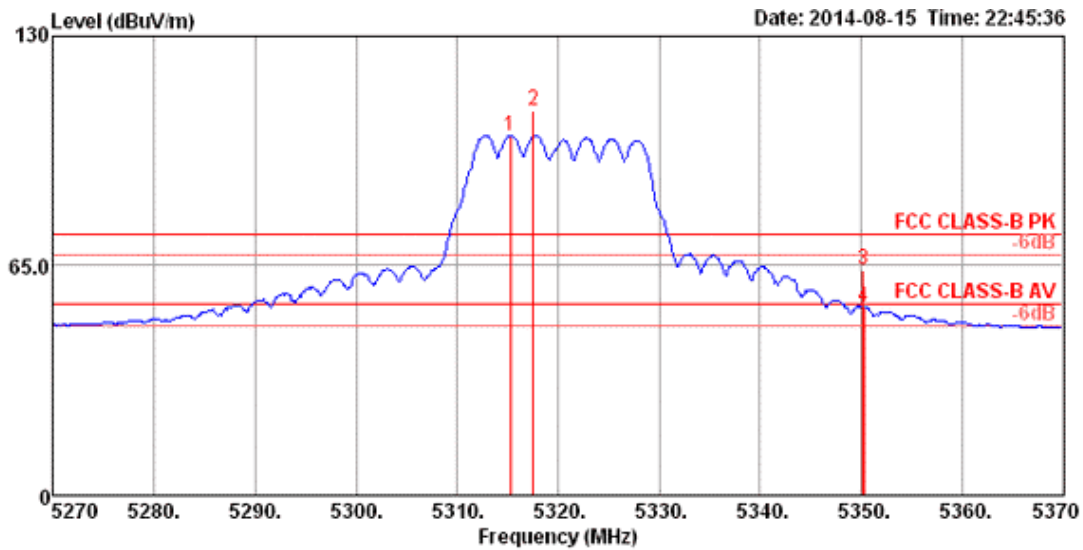


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5303.00	109.20			105.33	6.09	33.25	35.47	177	152	VERTICAL	Peak
2	5305.40	102.99			99.12	6.09	33.25	35.47	177	152	VERTICAL	Average
3	5350.00	49.69	54.00	-4.31	45.67	6.11	33.40	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



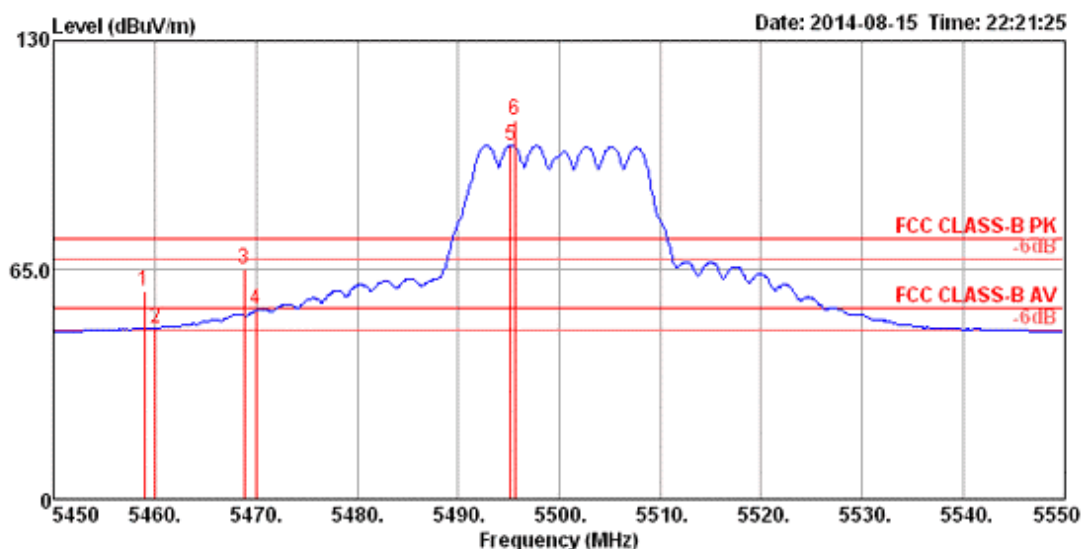
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5315.30	101.79			97.87	6.09	33.30	35.47	178	155	VERTICAL	Average
2	5317.50	108.71			104.79	6.09	33.30	35.47	178	155	VERTICAL	Peak
3	5350.20	63.75	74.00	-10.25	59.73	6.11	33.40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

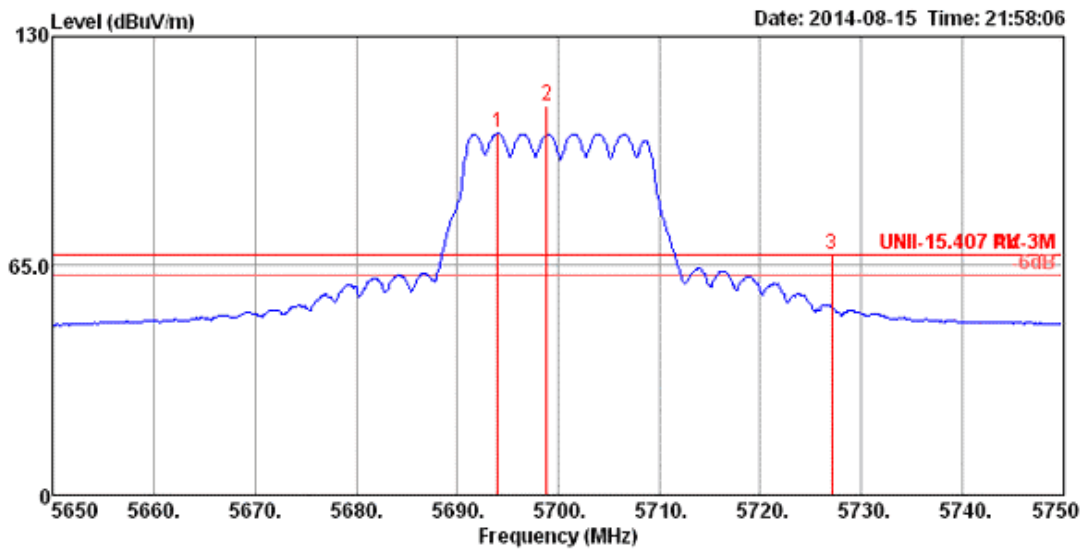


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5458.90	59.00	74.00	-15.00	54.60	6.18	33.75	35.53	100	155	VERTICAL	Peak
2	5460.00	48.52	54.00	-5.48	44.12	6.18	33.75	35.53	100	155	VERTICAL	Average
3	5468.80	65.21	74.00	-8.79	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



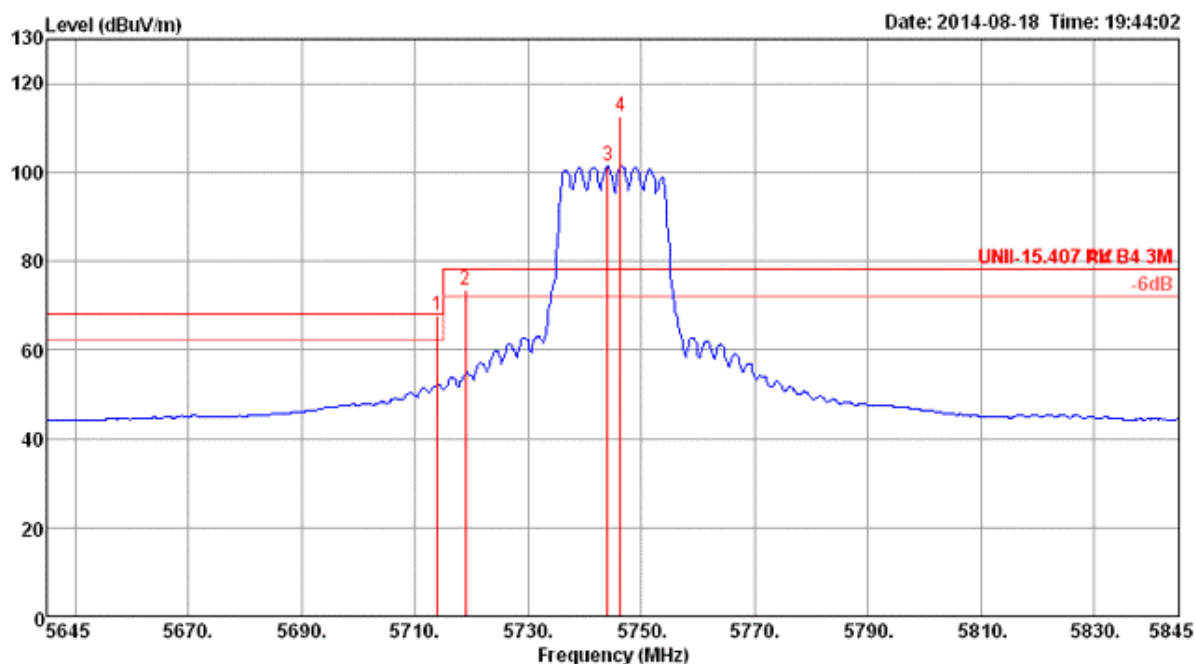
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5694.00	102.51			97.41	6.33	34.14	35.37	176	131	VERTICAL Average
2	5698.90	110.39			105.28	6.33	34.14	35.36	176	131	VERTICAL Peak
3	5727.10	68.11	68.20	-0.09	62.92	6.35	34.18	35.34	176	131	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	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 1 + Chain 2

Channel 149

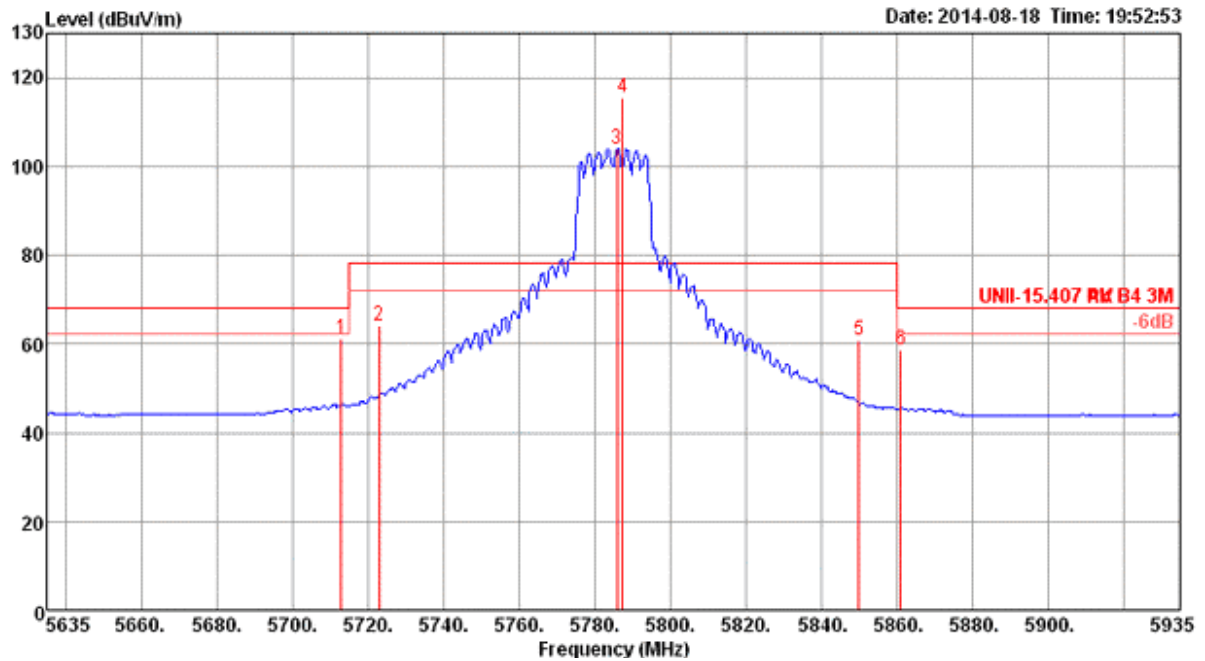


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
1	5714.04	67.63	68.20	-0.57	61.52	6.44	34.87	35.20	Peak	169	129	VERTICAL
2	5718.91	73.66	78.20	-4.54	67.54	6.45	34.87	35.20	Peak	169	129	VERTICAL
3	5744.04	101.36			95.21	6.45	34.90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

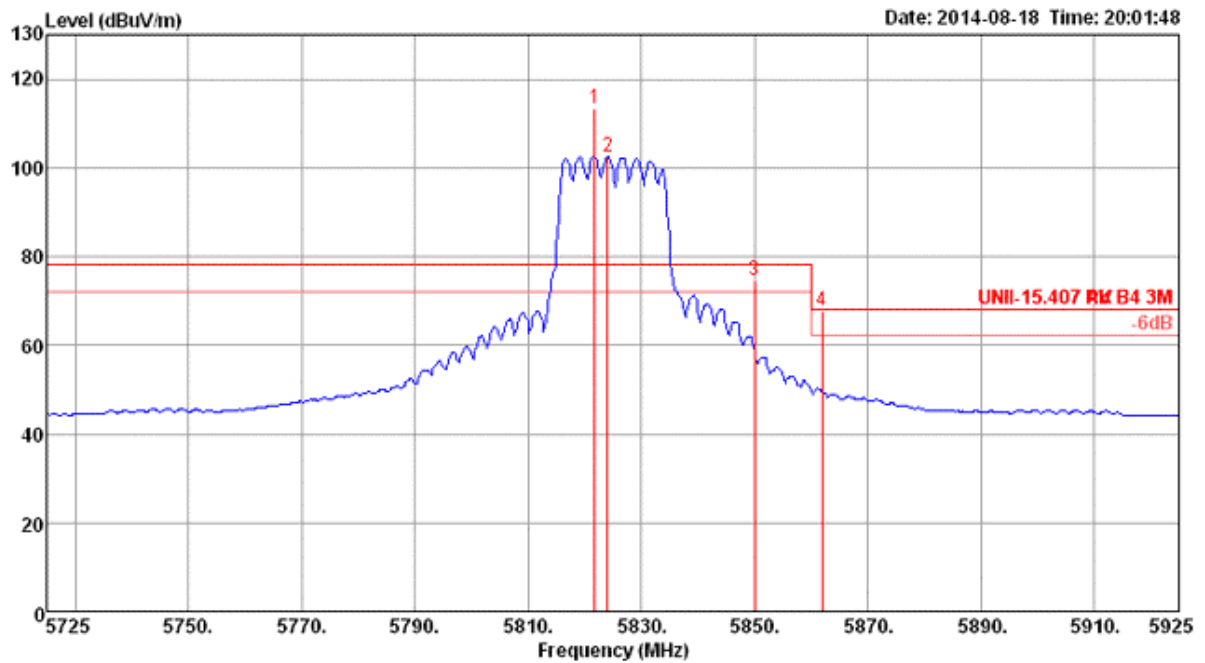


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	Limit	Level	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5713.08	61.11	68.20	-7.09	55.00	6.44	34.87	35.20	Peak	161	135	VERTICAL
2	5723.08	63.99	78.20	-14.21	57.85	6.45	34.89	35.20	Peak	161	135	VERTICAL
3	5785.96	104.02			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



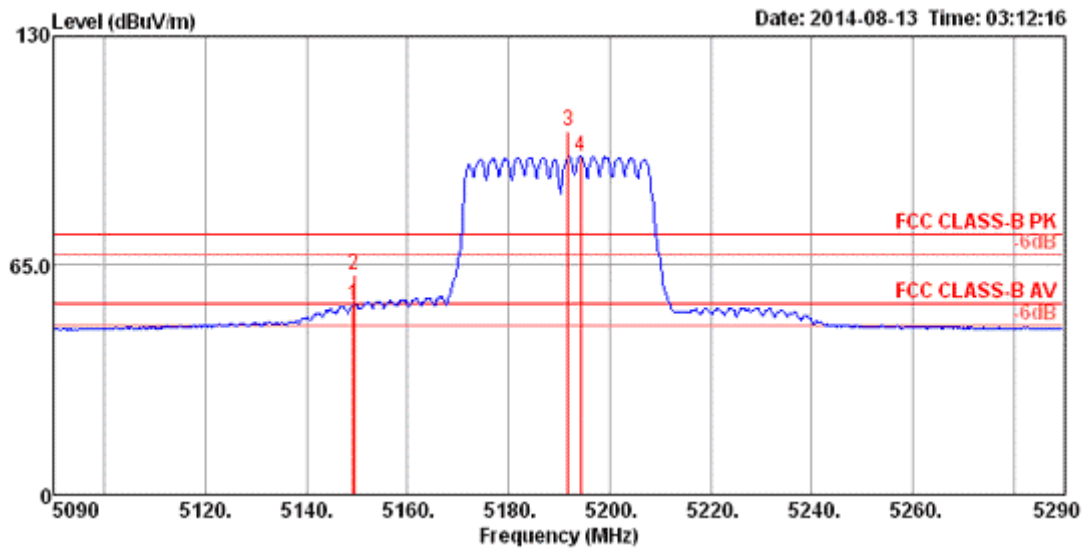
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5821.80	113.28			107.05	6.48	34.95	35.20	Peak	176	128	VERTICAL
2	5824.04	102.46			96.23	6.48	34.95	35.20	Average	176	128	VERTICAL
3	5850.00	74.52	78.20	-3.68	68.25	6.49	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

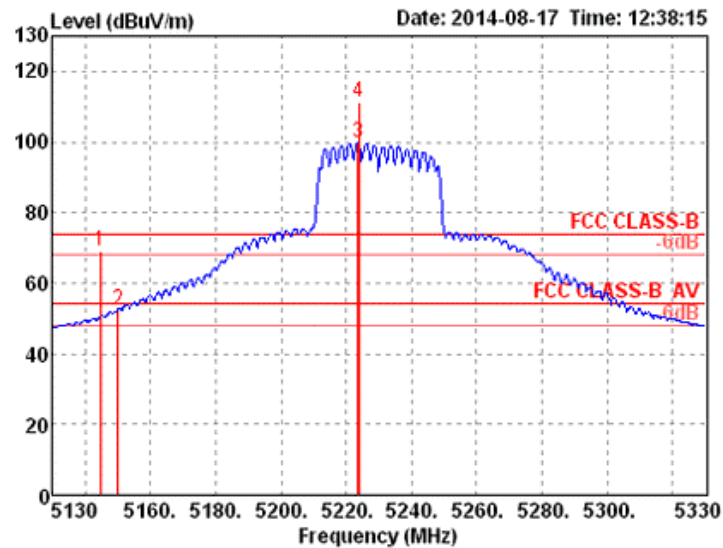


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.20	53.91	54.00	-0.09	50.31	5.99	33.02	35.41	179	132	VERTICAL	Average
2	5149.40	62.59	74.00	-11.41	58.99	5.99	33.02	35.41	179	132	VERTICAL	Peak
3	5191.80	103.04			99.40	6.02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



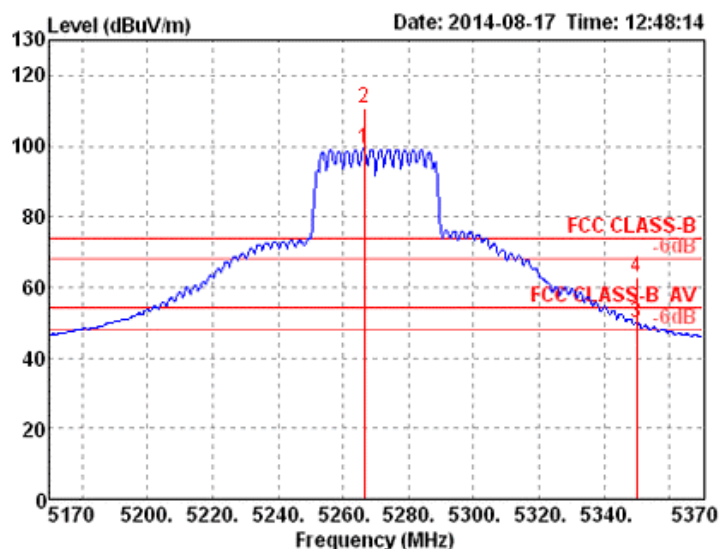
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5144.80	69.00	74.00	-5.00	66.37	3.43	34.11	34.91	185	62	VERTICAL
2	5150.00	52.49	54.00	-1.51	49.86	3.43	34.11	34.91	185	62	VERTICAL
3	5223.60	99.74			96.99	3.46	34.20	34.91	185	62	VERTICAL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

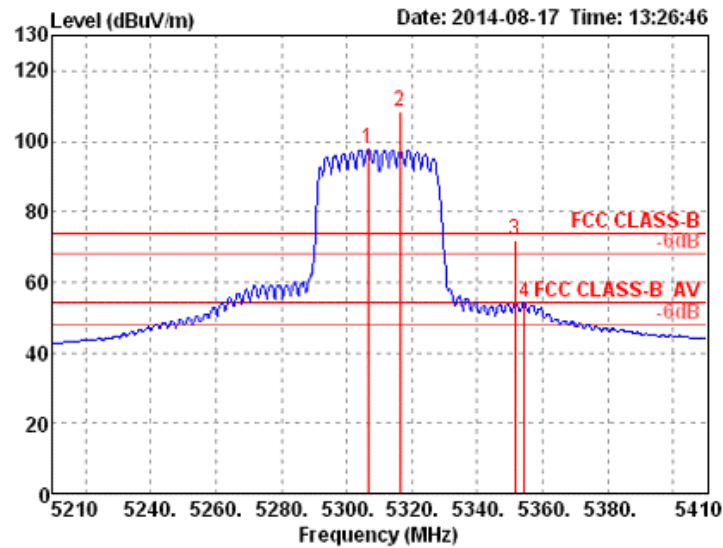


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	5266.40	99.11			96.29	3.46	34.27	34.91	Average	178	60 VERTICAL
2	5266.40	110.67			107.85	3.46	34.27	34.91	Peak	178	60 VERTICAL
3	5350.00	50.04	54.00	-3.96	47.07	3.49	34.39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



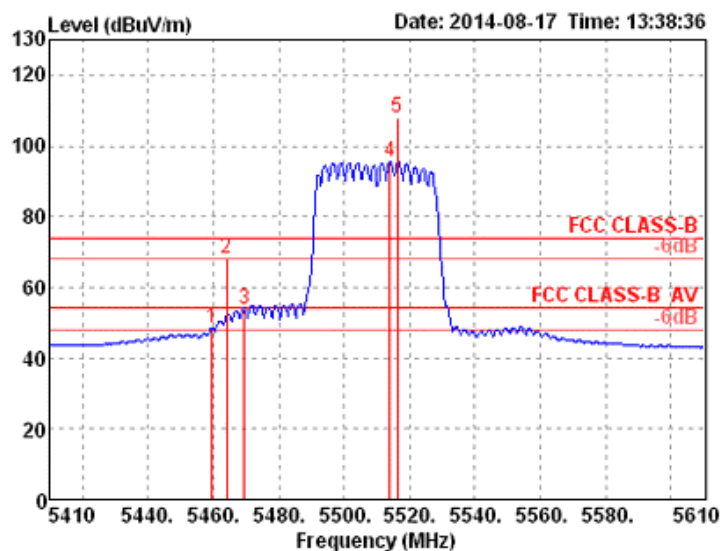
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5306.40	97.64			94.75	3.48	34.32	34.91	184	148	VERTICAL
2	5316.40	108.43			105.52	3.48	34.34	34.91	184	148	VERTICAL
3	5351.60	72.18	74.00	-1.82	69.21	3.49	34.39	34.91	184	148	VERTICAL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

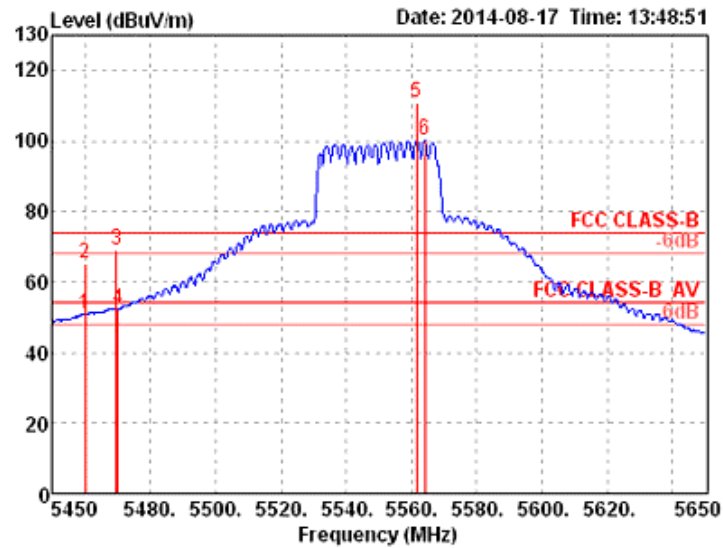


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5459.60	48.43	54.00	-5.57	45.30	3.52	34.53	34.92	171	53	VERTICAL
2	5464.00	67.98	74.00	-6.02	64.83	3.52	34.55	34.92	171	53	VERTICAL
3	5469.60	53.93	54.00	-0.07	50.78	3.52	34.55	34.92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

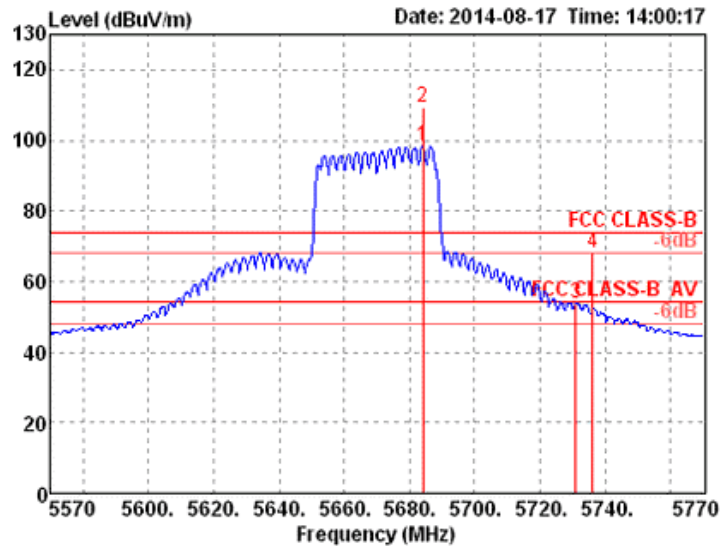


	Freq	Level	Limit	Over	Read	CableAntenna	Preampl		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5460.00	50.67	54.00	-3.33	47.54	3.52	34.53	34.92	163	54	VERTICAL
2	5460.00	65.47	74.00	-8.53	62.34	3.52	34.53	34.92	163	54	VERTICAL
3	5469.60	68.86	74.00	-5.14	65.71	3.52	34.55	34.92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



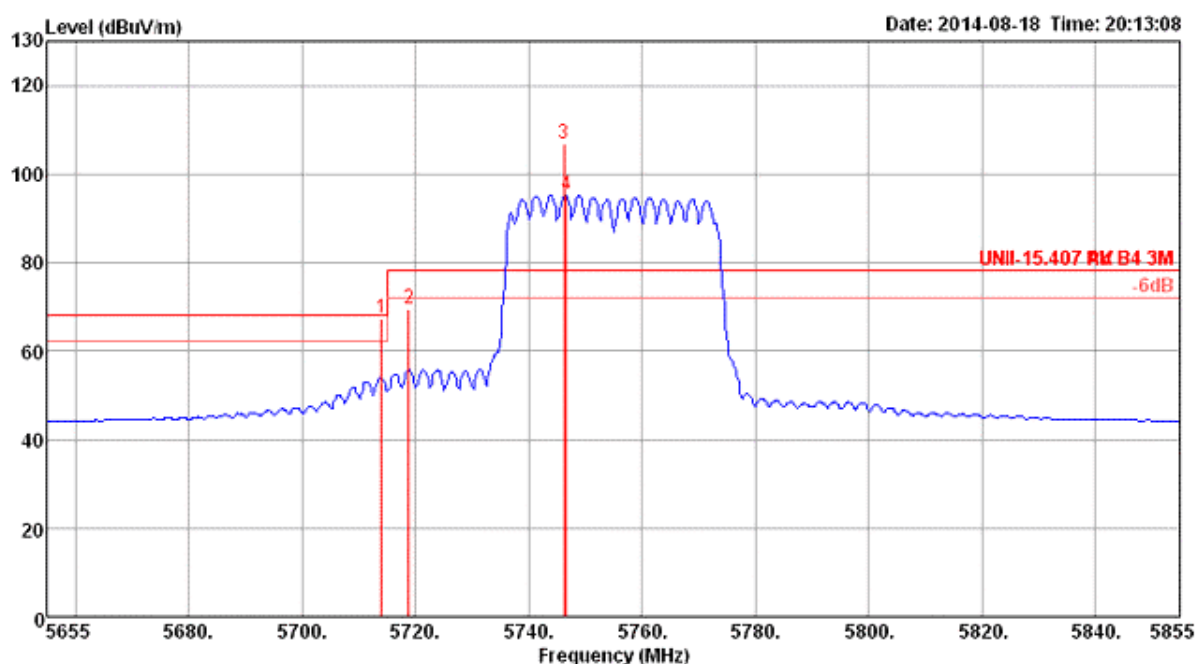
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5684.00	98.36			95.03	3.59	34.68	34.94	146	53	VERTICAL
2	5684.00	109.55			106.22	3.59	34.68	34.94	146	53	VERTICAL
3	5731.00	53.90	54.00	-0.10	50.54	3.61	34.69	34.94	146	53	VERTICAL
4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

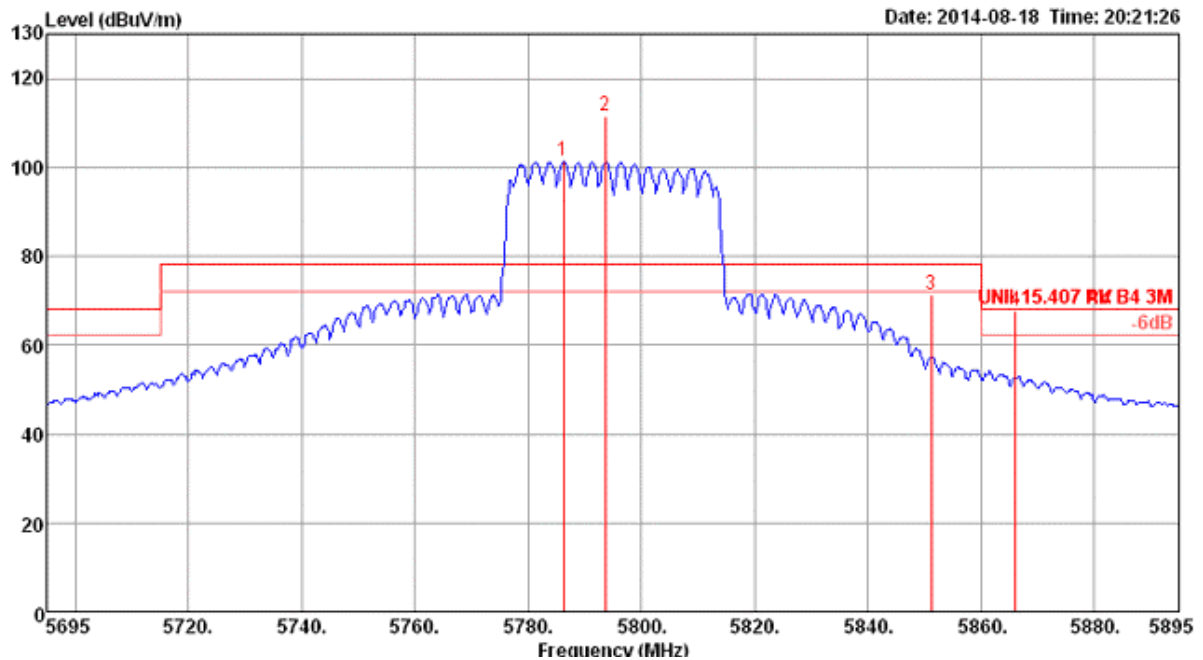


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
1	5714.04	67.50	68.20	-0.70	61.39	6.44	34.87	35.20	Peak	183	131	VERTICAL
2	5718.91	69.52	78.20	-8.68	63.40	6.45	34.87	35.20	Peak	183	131	VERTICAL
3	5746.35	106.85			100.70	6.45	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



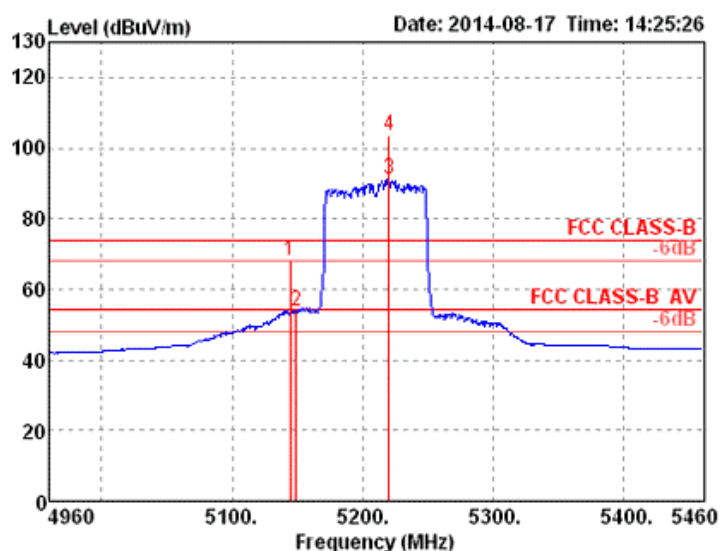
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5786.35	101.22			95.02	6.47	34.93	35.20	Average	169	133	VERTICAL
2	5793.72	111.63			105.42	6.47	34.94	35.20	Peak	169	133	VERTICAL
3	5851.28	71.31	78.20	-6.89	65.04	6.49	34.98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

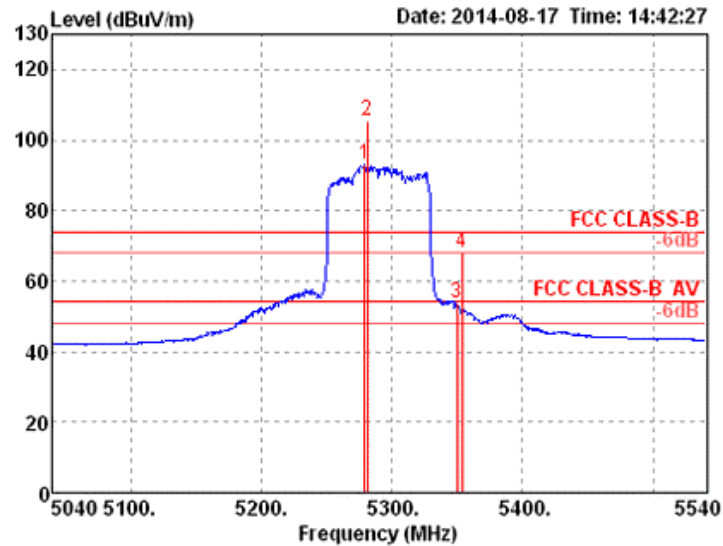


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5144.00	68.04	74.00	-5.96	65.41	3.43	34.11	34.91	185	154	VERTICAL
2	5149.00	53.79	54.00	-0.21	51.16	3.43	34.11	34.91	185	154	VERTICAL
3	5220.00	91.00			88.26	3.45	34.20	34.91	185	154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



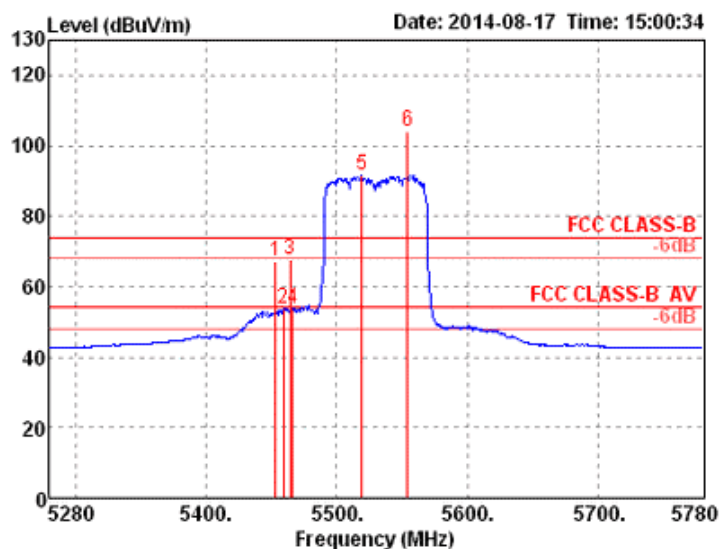
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	Pol/Phase
1	5279.00	92.83			89.97	3.47	34.30	34.91	232	145	VERTICAL
2	5281.00	105.58			102.72	3.47	34.30	34.91	232	145	VERTICAL
3	5350.00	53.53	54.00	-0.47	50.56	3.49	34.39	34.91	232	145	VERTICAL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

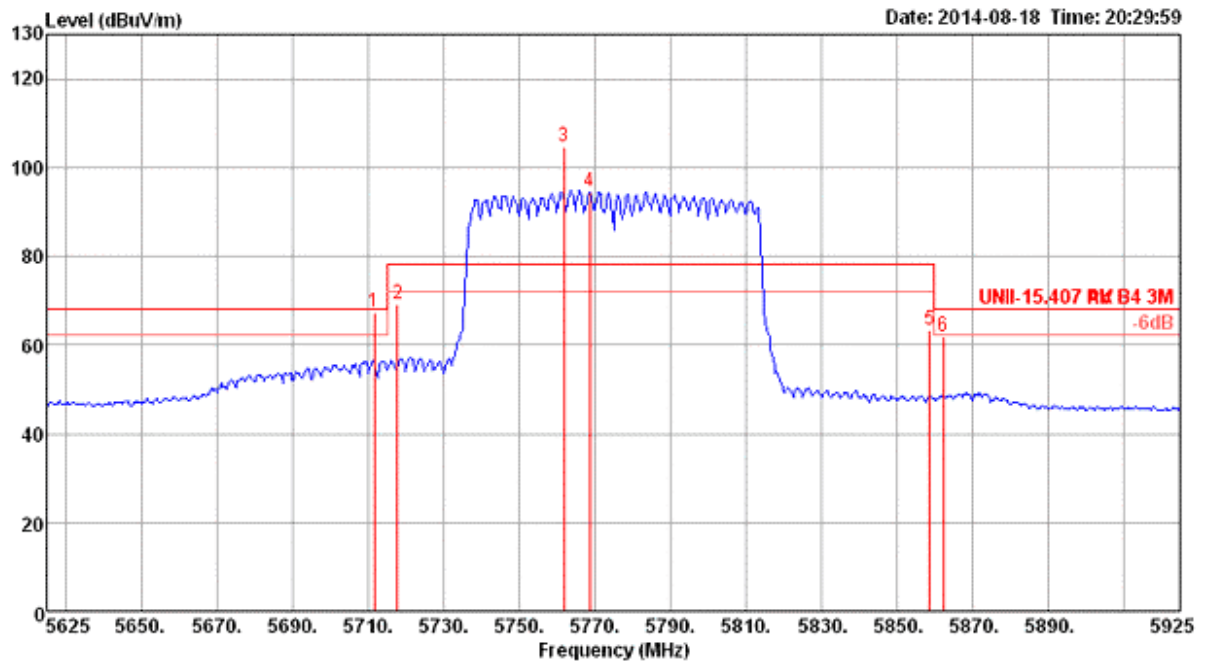


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5453.00	67.23	74.00	-6.77	64.10	3.52	34.53	34.92	222	150	VERTICAL
2	5459.00	53.78	54.00	-0.22	50.65	3.52	34.53	34.92	222	150	VERTICAL
3	5464.00	67.52	74.00	-6.48	64.37	3.52	34.55	34.92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



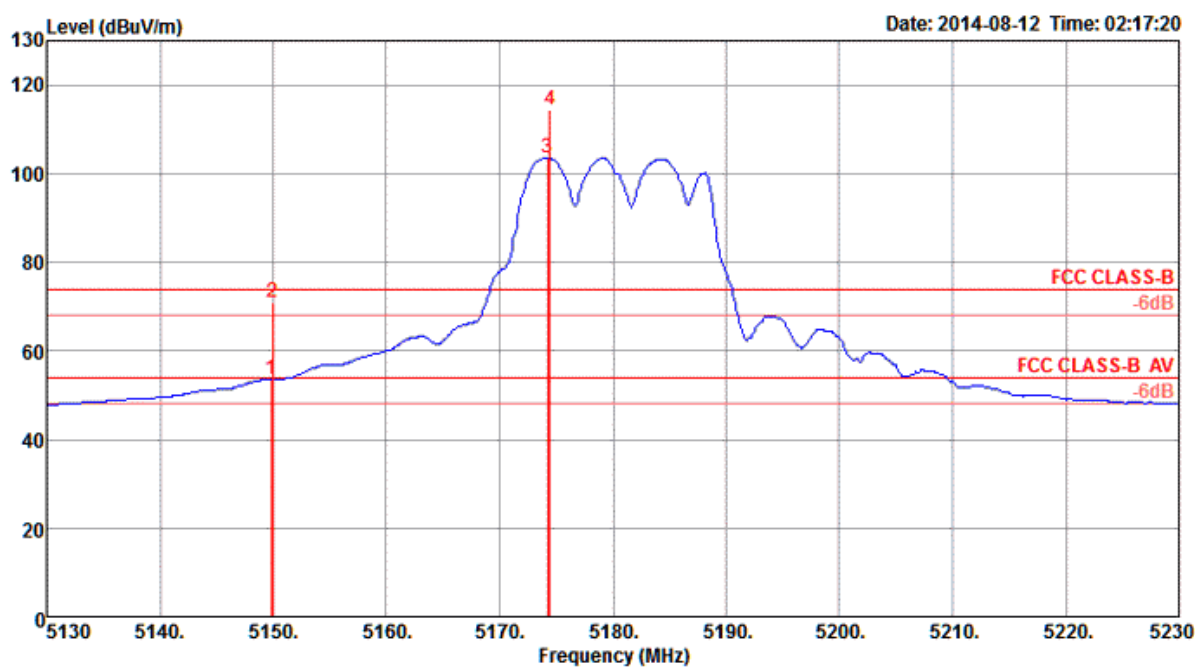
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5711.64	67.42	68.20	-0.78	61.31	6.44	34.87	35.20	Peak	181	134	VERTICAL
2	5717.79	69.04	78.20	-9.16	62.92	6.45	34.87	35.20	Peak	181	134	VERTICAL
3	5762.02	104.52			98.35	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

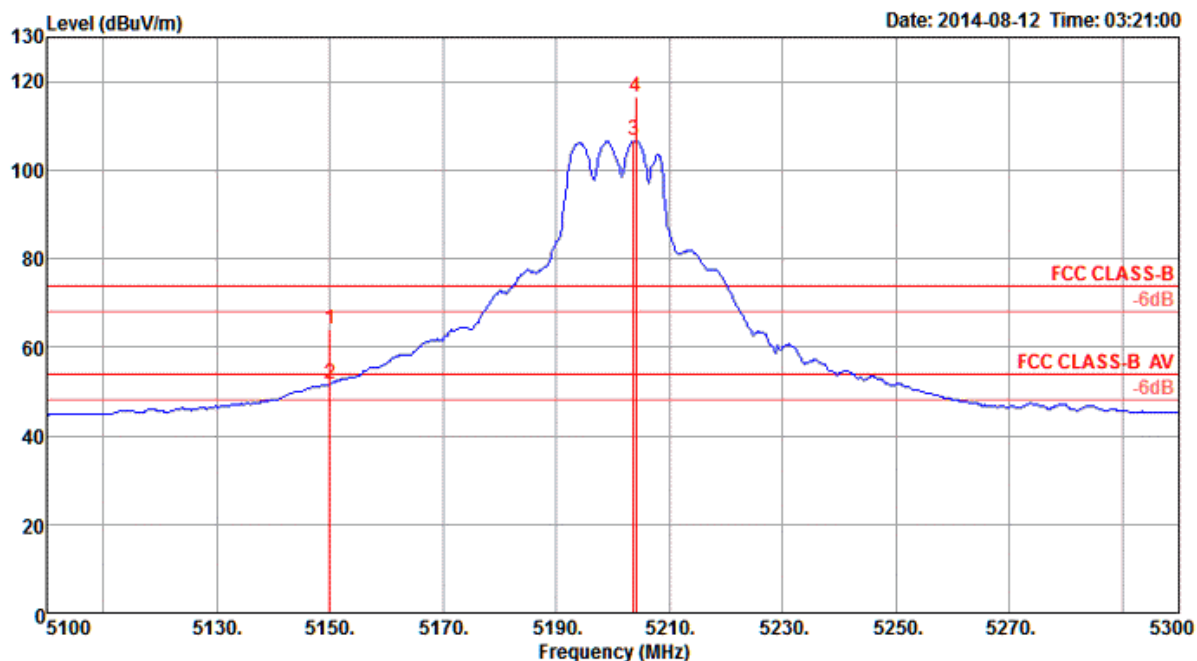


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Pol/Phase	cm	deg	
1	5149.80	53.63	54.00	-0.37	50.68	4.34	33.14	34.53	VERTICAL	113	280	Average
2	5150.00	71.14	74.00	-2.86	68.19	4.34	33.14	34.53	VERTICAL	113	280	Peak
3	5174.20	103.72			100.70	4.36	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

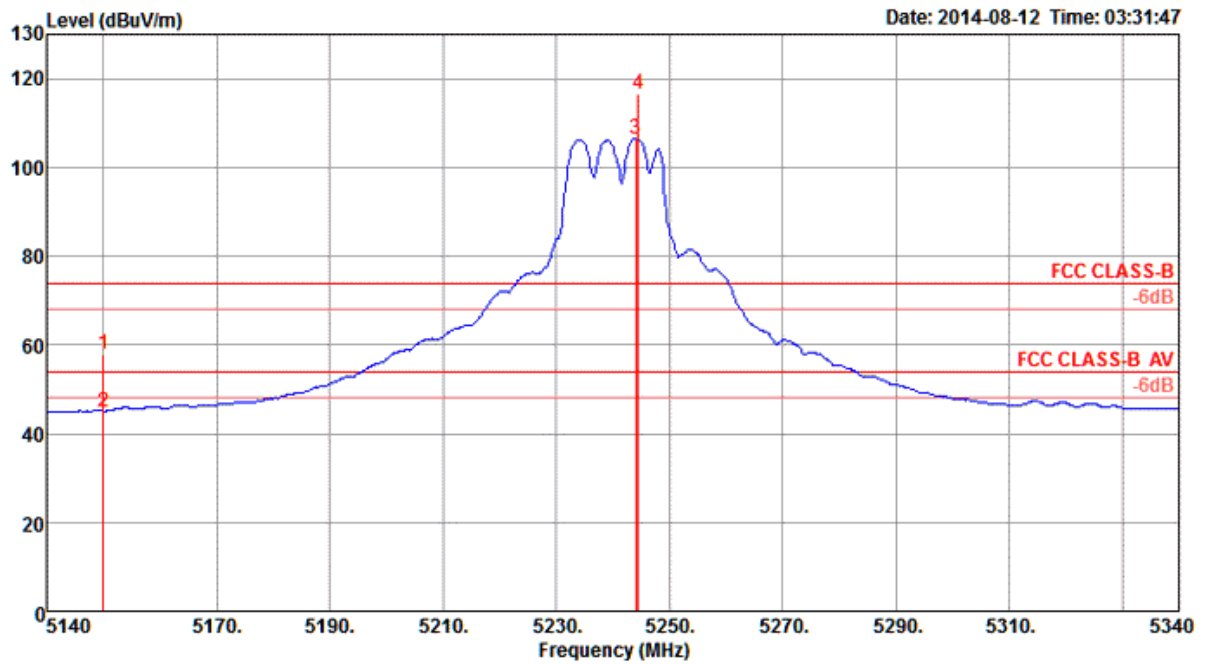


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Pol/Phase	cm	deg	
1	5150.00	64.04	74.00	-9.96	61.09	4.34	33.14	34.53	VERTICAL	102	279	Peak
2	5150.00	51.75	54.00	-2.25	48.80	4.34	33.14	34.53	VERTICAL	102	279	Average
3	5203.60	106.66			103.60	4.37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



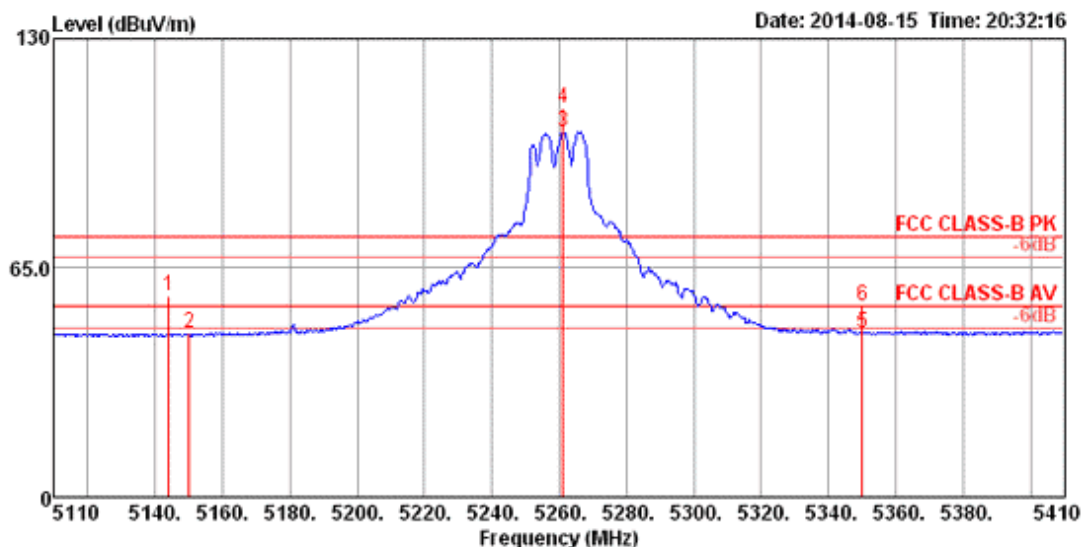
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Pol/Phase	cm	deg	
1	5150.00	57.77	74.00	-16.23	54.82	4.34	33.14	34.53	VERTICAL	100	279	Peak
2	5150.00	45.06	54.00	-8.94	42.11	4.34	33.14	34.53	VERTICAL	100	279	Average
3	5244.00	106.34			103.17	4.40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

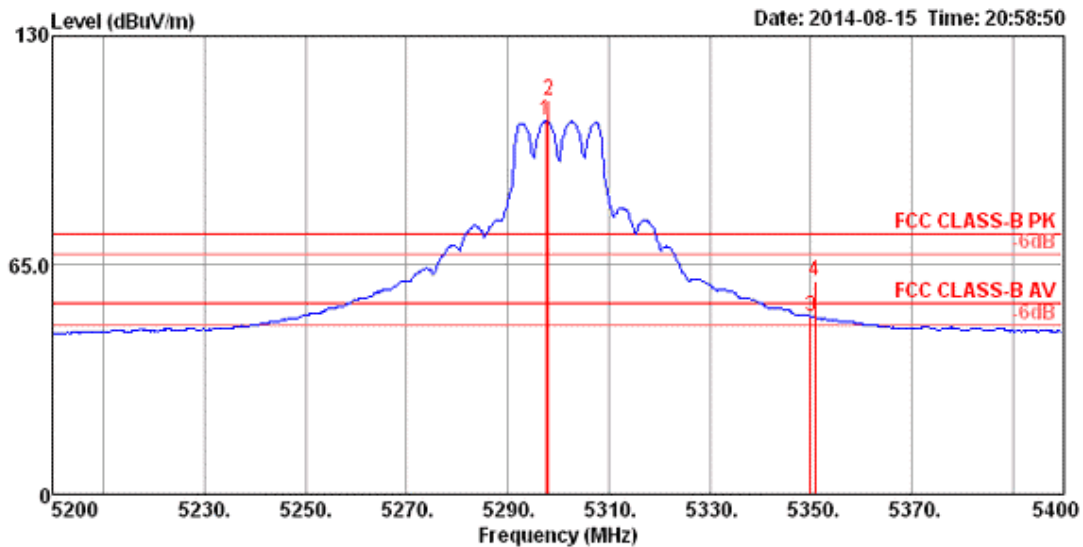


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5144.00	57.11	74.00	-16.89	53.51	5.99	33.02	35.41	100	152	VERTICAL	Peak
2	5150.00	46.39	54.00	-7.61	42.79	5.99	33.02	35.41	100	152	VERTICAL	Average
3	5261.20	103.61			99.90	6.06	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

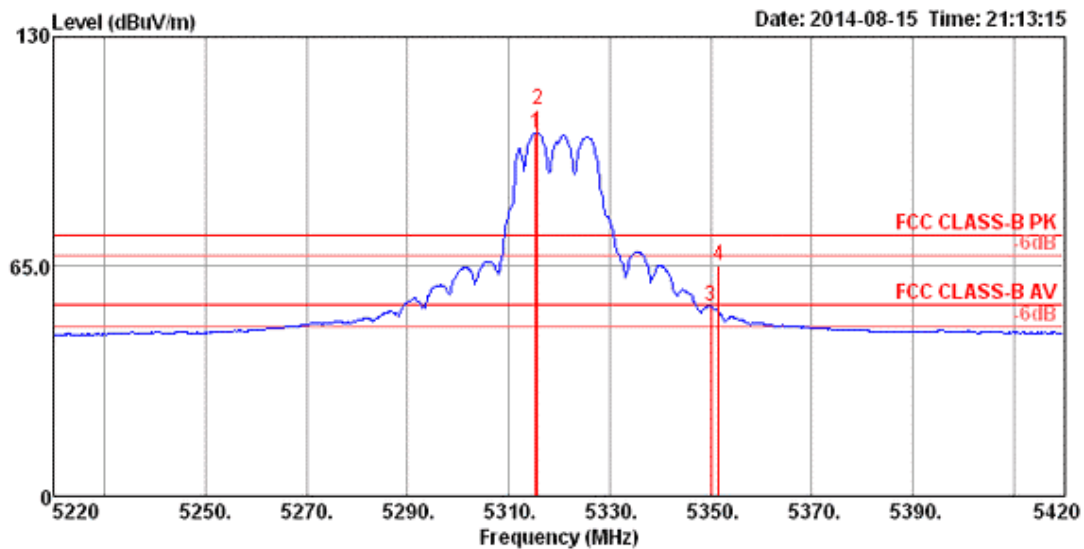


	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5297.60	105.89			102.03	6.08	33.25	35.47	171	138	VERTICAL	Average
2	5298.00	111.93			108.07	6.08	33.25	35.47	171	138	VERTICAL	Peak
3	5350.00	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



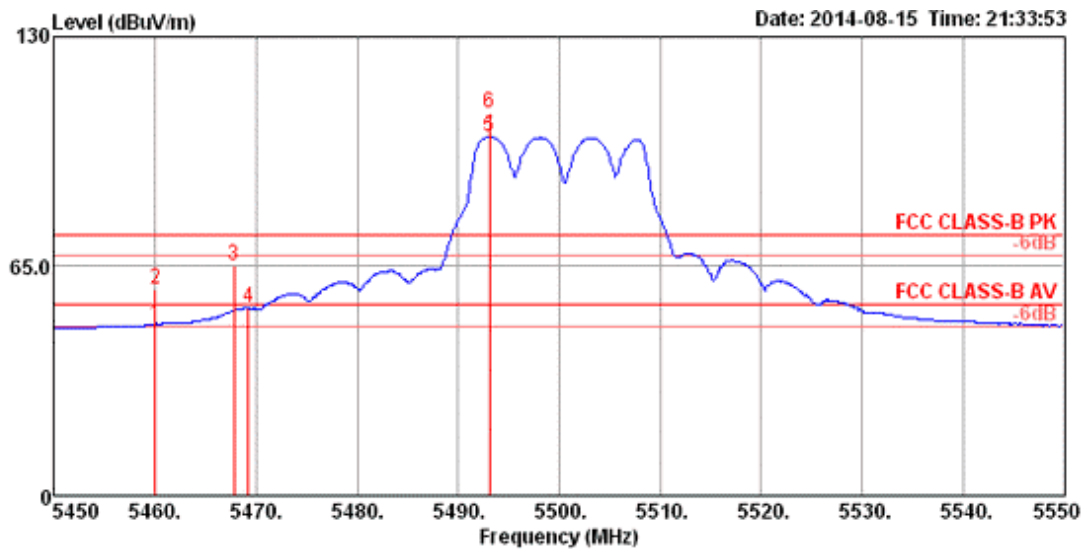
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5315.40	102.84			98.92	6.09	33.30	35.47	160	154 VERTICAL	Average
2	5315.80	109.33			105.41	6.09	33.30	35.47	160	154 VERTICAL	Peak
3	5350.00	53.63	54.00	-0.37	49.61	6.11	33.40	35.49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

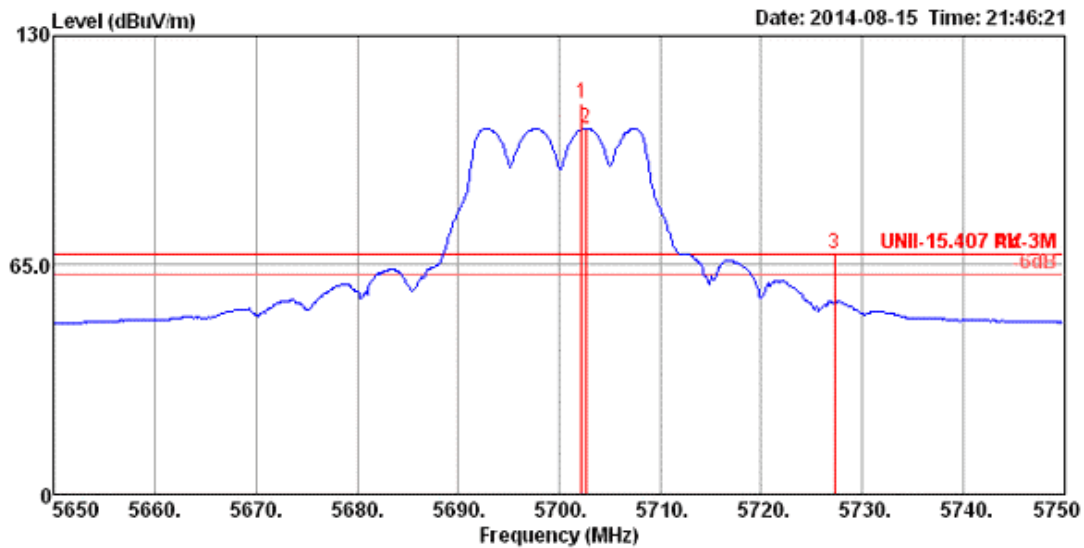


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5460.00	48.60	54.00	-5.40	44.20	6.18	33.75	35.53	186	35	VERTICAL	Average
2	5460.00	58.69	74.00	-15.31	54.29	6.18	33.75	35.53	186	35	VERTICAL	Peak
3	5467.80	65.42	74.00	-8.58	60.97	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



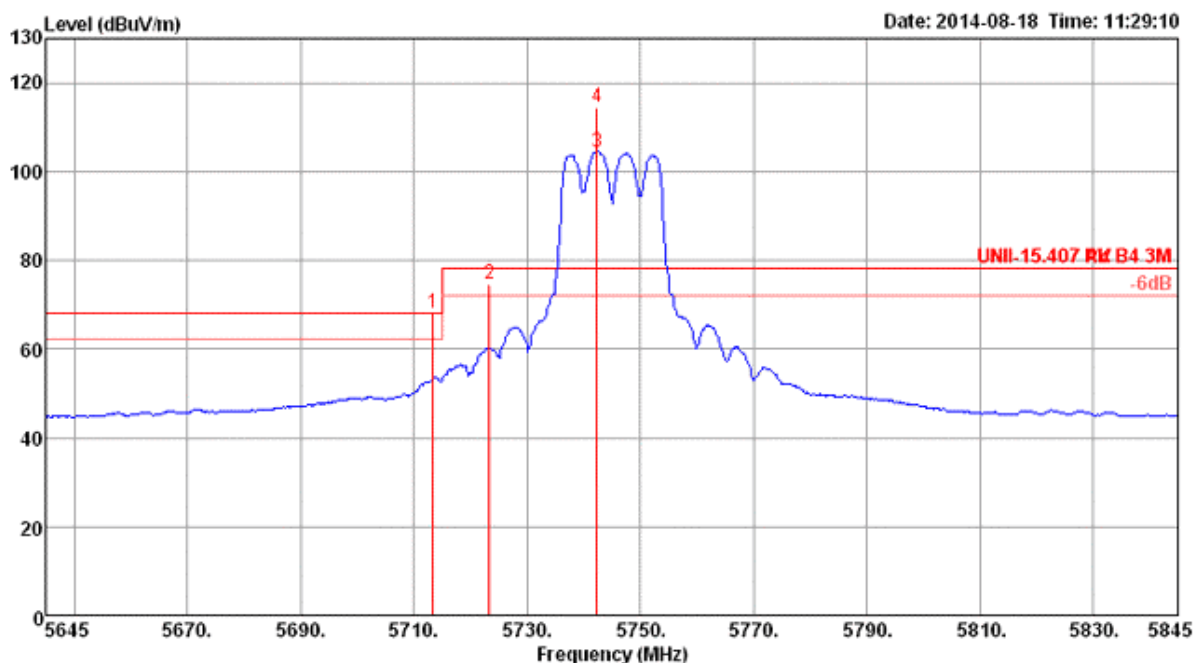
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5702.20	110.66			105.54	6.34	34.14	35.36	171	133 VERTICAL	Peak
2	5702.60	103.81			98.69	6.34	34.14	35.36	171	133 VERTICAL	Average
3	5727.30	67.90	68.20	-0.30	62.71	6.35	34.18	35.34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

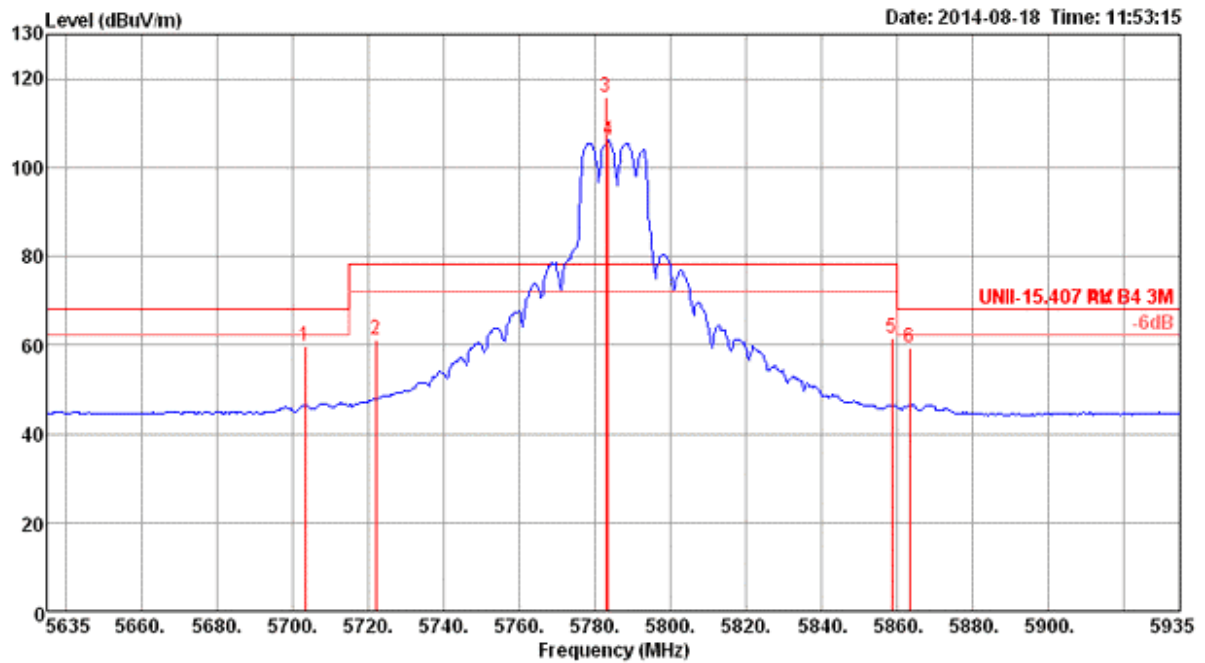


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	Pol/Phase
1	5713.40	67.93	68.20	-0.27	61.82	6.44	34.87	35.20	Peak	174	129	VERTICAL
2	5723.40	74.75	78.20	-3.45	68.61	6.45	34.89	35.20	Peak	174	129	VERTICAL
3	5742.44	104.30			98.15	6.45	34.90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

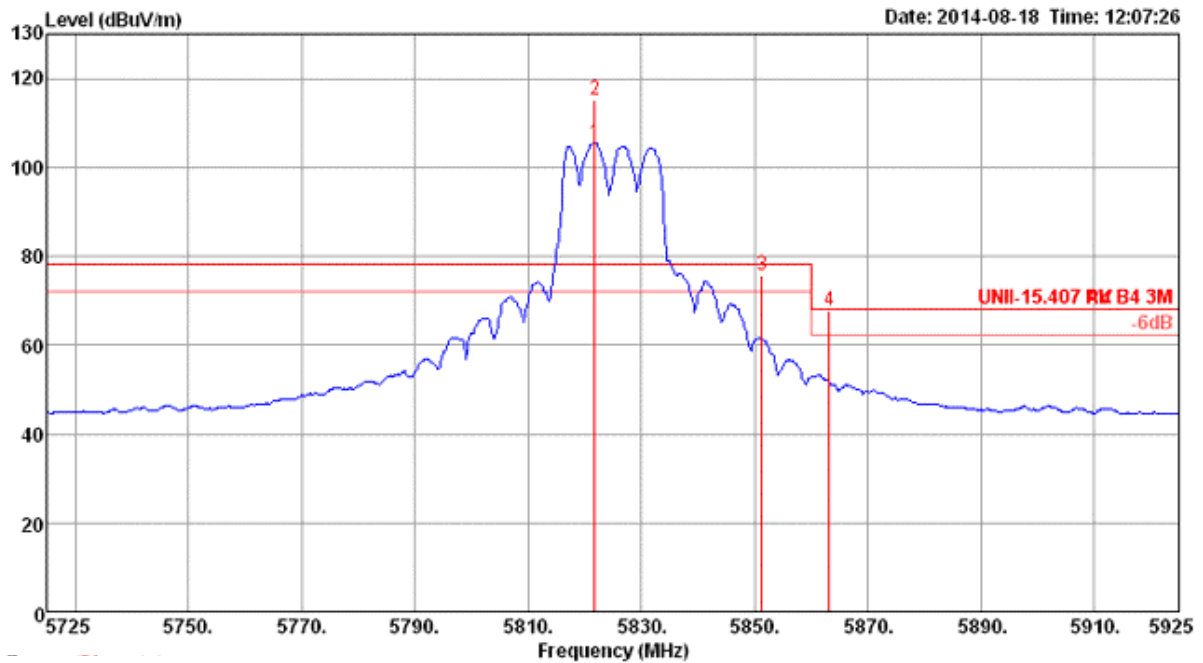


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
1	5703.46	59.70	68.20	-8.50	53.60	6.44	34.86	35.20	Peak	170	324	VERTICAL
2	5722.12	61.21	78.20	-16.99	55.09	6.45	34.87	35.20	Peak	170	324	VERTICAL
3	5783.08	115.98			109.79	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	
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	Pol/Phase
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

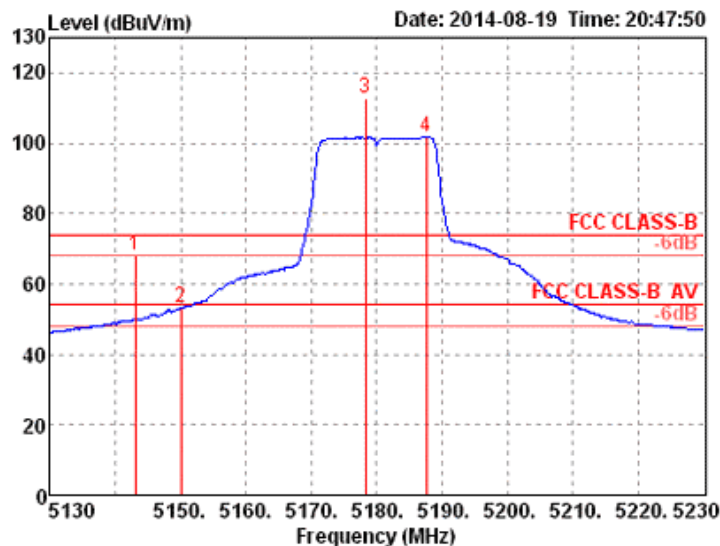
Item 1, 2 are the fundamental frequency at 5825 MHz.

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

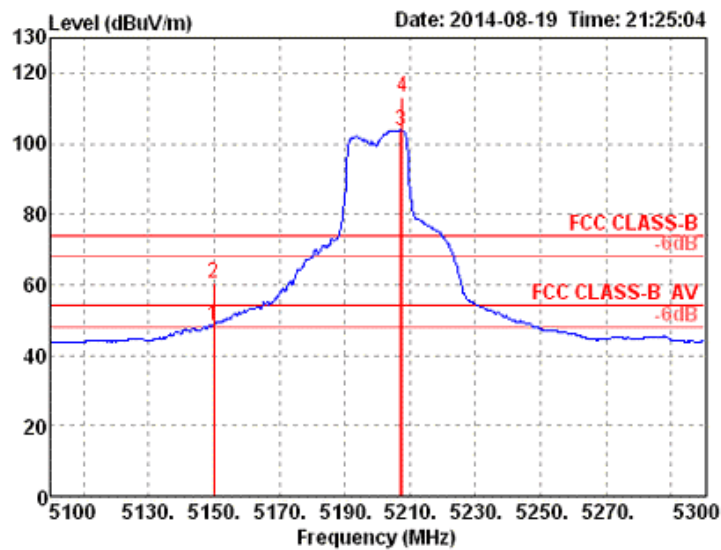


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5143.00	67.99	74.00	-6.01	65.36	3.43	34.11	34.91	180	25	VERTICAL
2	5150.00	53.19	54.00	-0.81	50.56	3.43	34.11	34.91	180	25	VERTICAL
3	5178.20	112.71			110.02	3.44	34.16	34.91	180	25	VERTICAL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

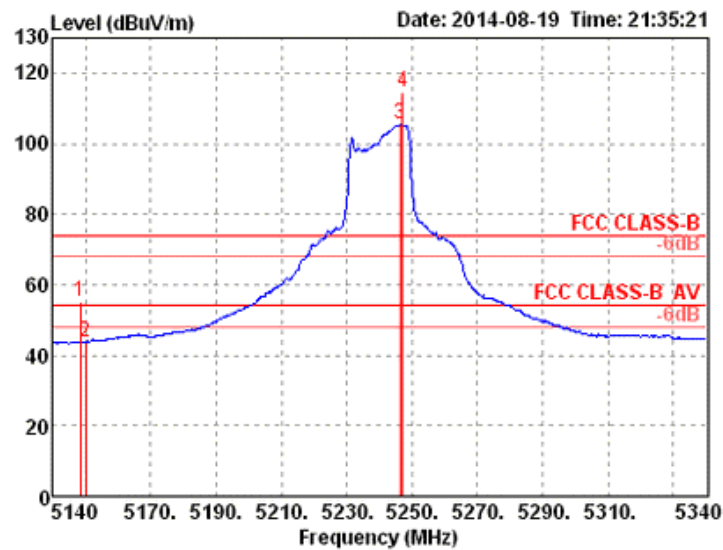


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5150.00	48.25	54.00	-5.75	45.62	3.43	34.11	34.91	183	13	VERTICAL
2	5150.00	60.61	74.00	-13.39	57.98	3.43	34.11	34.91	183	13	VERTICAL
3	5207.20	103.84			101.12	3.45	34.18	34.91	183	13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



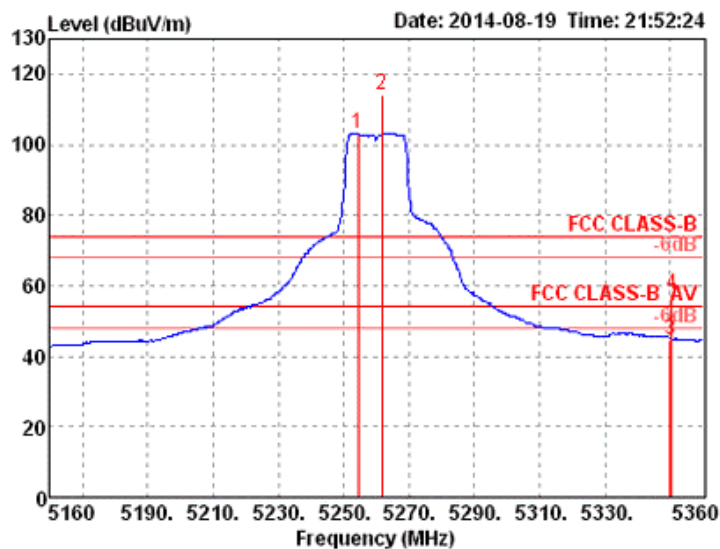
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5148.40	55.23	74.00	-18.77	52.60	3.43	34.11	34.91	169	347	VERTICAL
2	5150.00	43.69	54.00	-10.31	41.06	3.43	34.11	34.91	169	347	VERTICAL
3	5246.40	105.33			102.53	3.46	34.25	34.91	169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

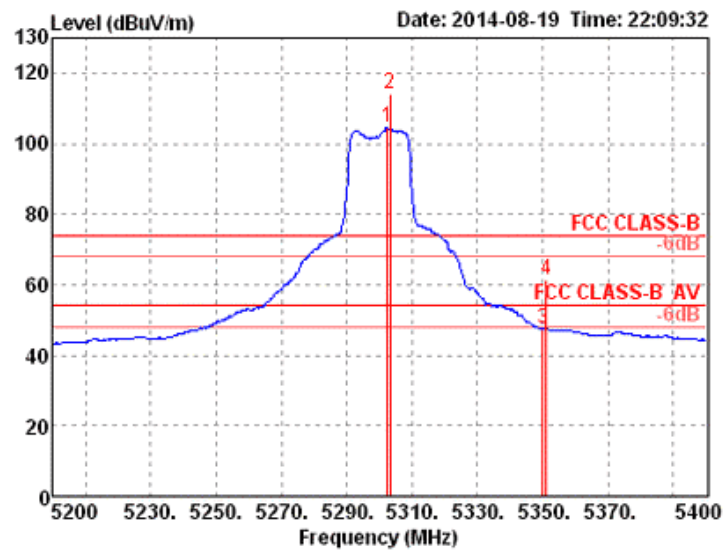


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5254.40	103.18			100.38	3.46	34.25	34.91	Average	188	309 VERTICAL
2	5261.60	113.97			111.15	3.46	34.27	34.91	Peak	188	309 VERTICAL
3	5350.00	44.76	54.00	-9.24	41.79	3.49	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

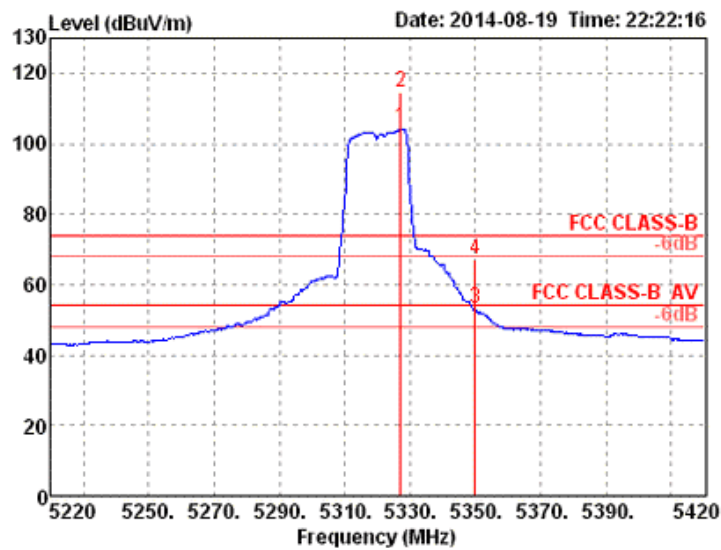


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	5302.40	104.39			101.50	3.48	34.32	34.91	Average	197	335 VERTICAL
2	5303.20	114.09			111.20	3.48	34.32	34.91	Peak	197	335 VERTICAL
3	5350.00	47.26	54.00	-6.74	44.29	3.49	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



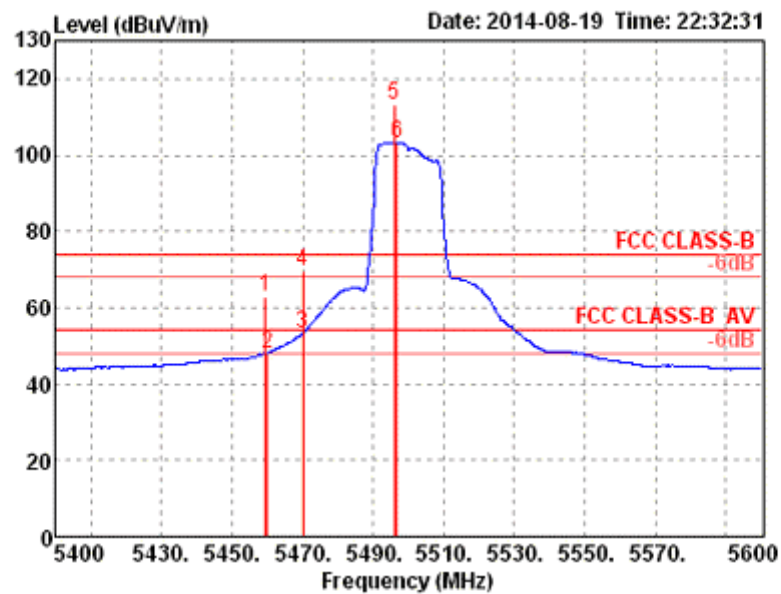
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	5327.20	104.41			101.46	3.49	34.37	34.91	Average	213	0 VERTICAL
2	5327.20	114.44			111.49	3.49	34.37	34.91	Peak	213	0 VERTICAL
3	5350.00	53.40	54.00	-0.60	50.43	3.49	34.39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

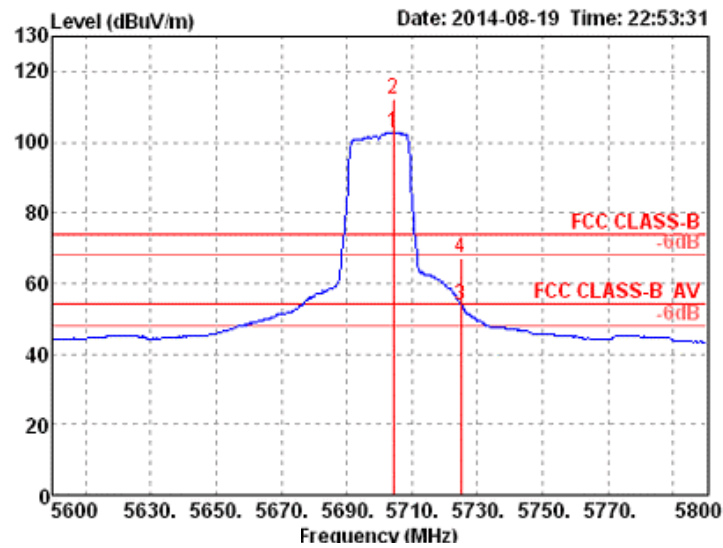


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBUV/m	dBUV/m	dB	dBUV	dB	dB/m	dB		cm	deg	
1	5459.60	62.79	74.00	-11.21	59.66	3.52	34.53	34.92	Peak	202	122	VERTICAL
2	5460.00	48.06	54.00	-5.94	44.93	3.52	34.53	34.92	Average	202	122	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



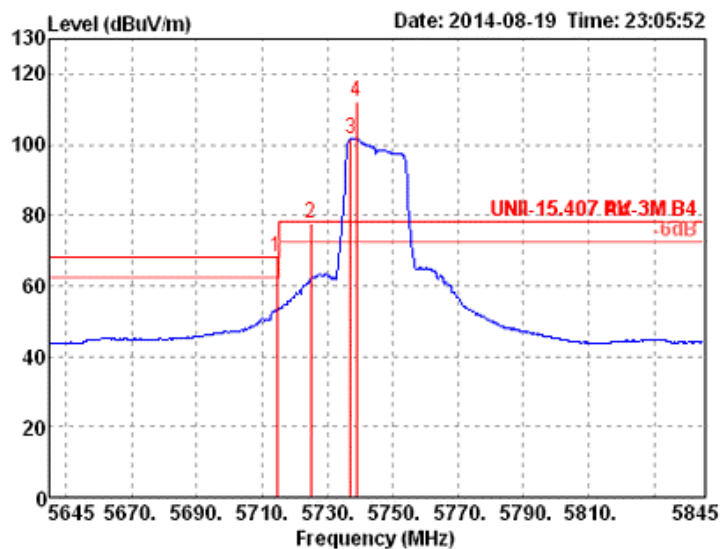
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	5704.40	102.84			99.51	3.59	34.68	34.94	Average	167	130 VERTICAL
2	5704.40	112.30			108.97	3.59	34.68	34.94	Peak	167	130 VERTICAL
3	5725.00	53.92	54.00	-0.08	50.57	3.60	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

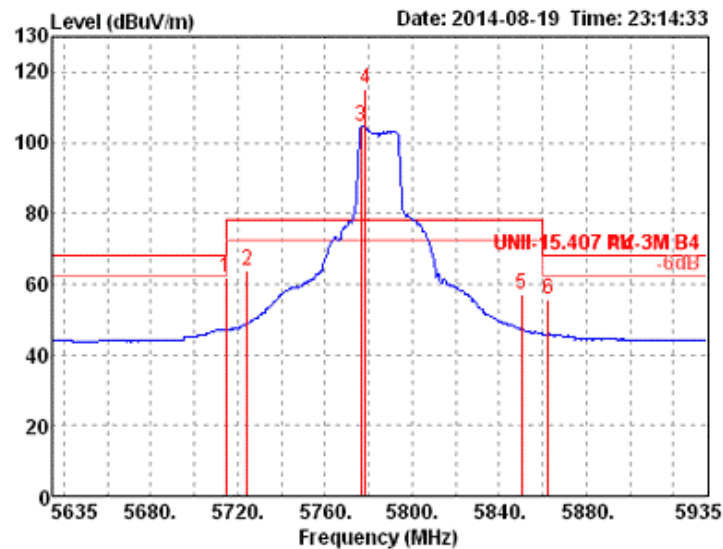


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
1	5714.60	68.11	68.20	-0.09	64.77	3.60	34.68	34.94	Peak	197	29	VERTICAL
2	5725.00	77.53	78.20	-0.67	74.18	3.60	34.69	34.94	Peak	197	29	VERTICAL
3	5737.00	101.64			98.27	3.61	34.70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

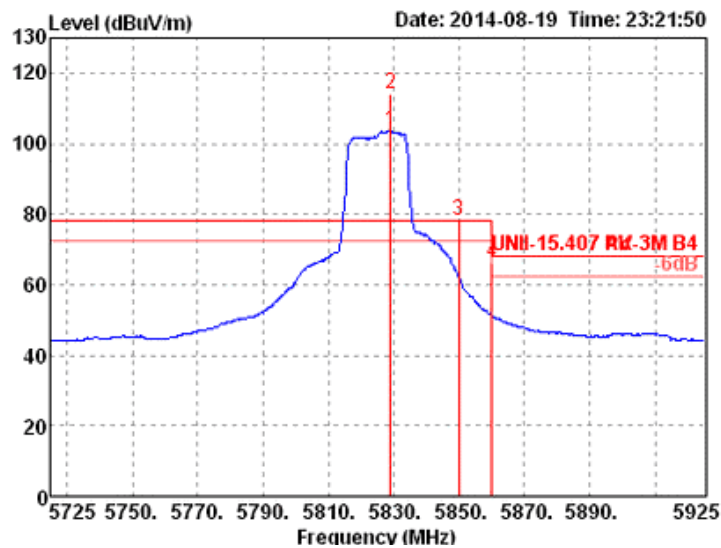


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5714.50	61.84	68.20	-6.36	58.50	3.60	34.68	34.94	Peak	161	126 VERTICAL
2	5724.40	63.61	78.20	-14.59	60.26	3.60	34.69	34.94	Peak	161	126 VERTICAL
3	5776.60	104.68			101.29	3.62	34.71	34.94	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



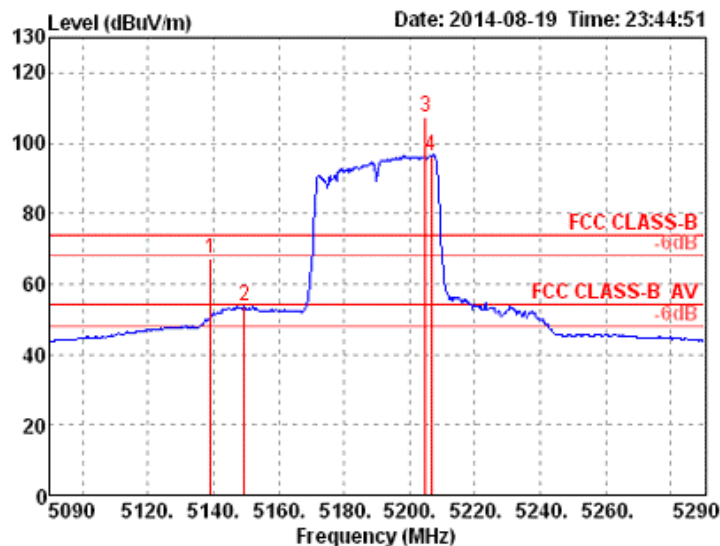
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
1	5829.00	103.41			100.00	3.63	34.73	34.95	Average	182	121	VERTICAL
2	5829.00	114.36			110.95	3.63	34.73	34.95	Peak	182	121	VERTICAL
3	5850.00	78.18	78.20	-0.02	74.75	3.64	34.74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

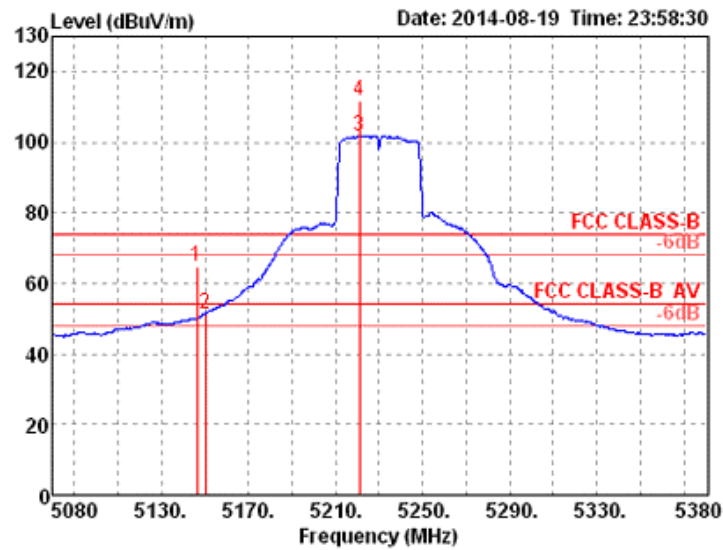


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
1	5139.20	67.23	74.00	-6.77	64.62	3.43	34.09	34.91	Peak	169	349	VERTICAL
2	5149.60	53.78	54.00	-0.22	51.15	3.43	34.11	34.91	Average	169	349	VERTICAL
3	5204.80	107.34			104.62	3.45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



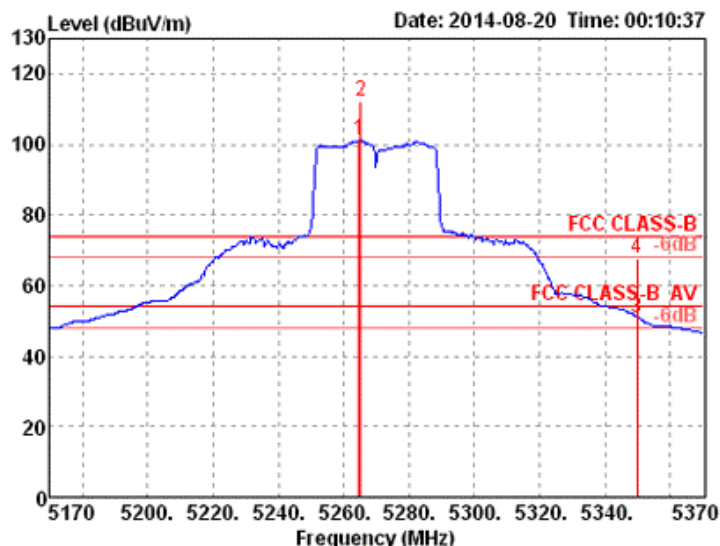
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5146.40	64.79	74.00	-9.21	62.16	3.43	34.11	34.91	181	355	VERTICAL
2	5150.00	51.42	54.00	-2.58	48.79	3.43	34.11	34.91	181	355	VERTICAL
3	5221.00	101.75			99.00	3.46	34.20	34.91	181	355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

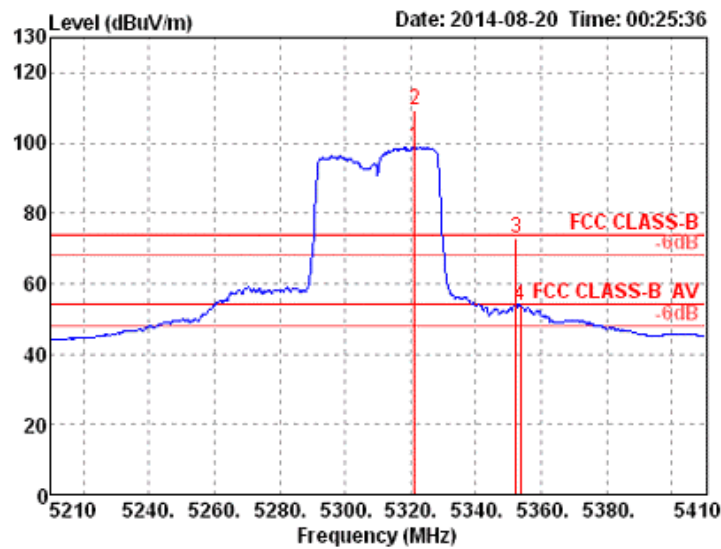


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5264.80	101.01			98.19	3.46	34.27	34.91	Average	176	340 VERTICAL
2	5265.20	112.43			109.61	3.46	34.27	34.91	Peak	176	340 VERTICAL
3	5350.00	50.86	54.00	-3.14	47.89	3.49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



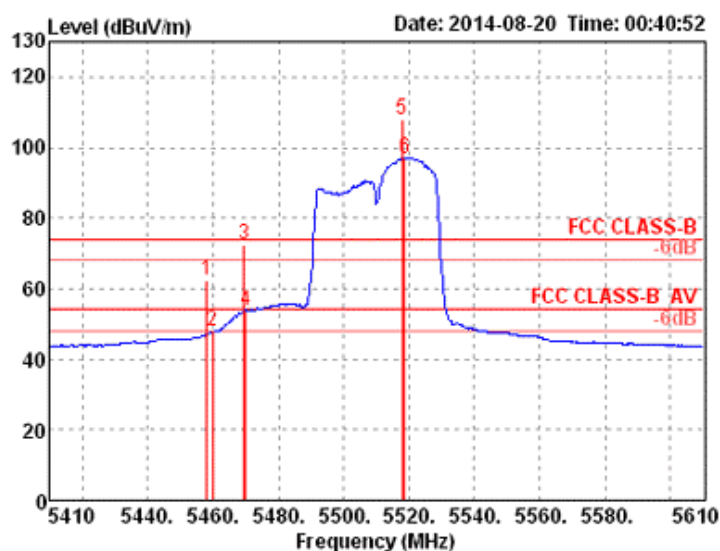
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB			Pol/Phase
1	5321.20	98.74			95.83	3.48	34.34	34.91	Average	147	322 VERTICAL
2	5321.20	109.53			106.62	3.48	34.34	34.91	Peak	147	322 VERTICAL
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

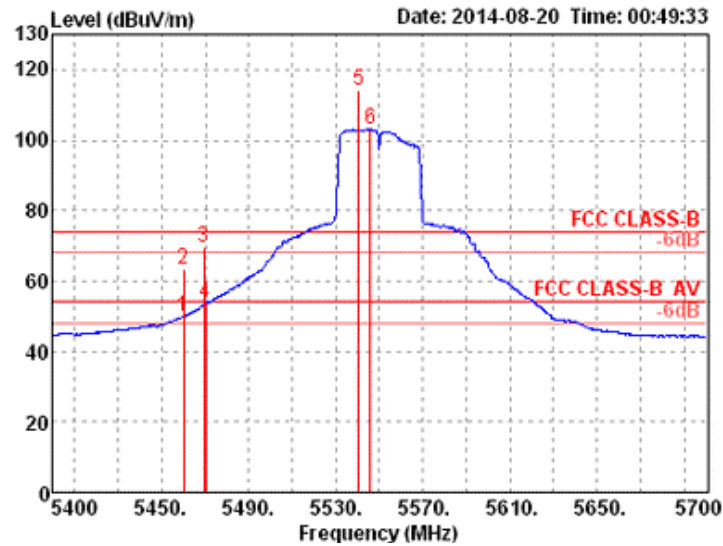


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	5458.00	62.27	74.00	-11.73	59.14	3.52	34.53	34.92	Peak	100	174 VERTICAL
2	5460.00	47.75	54.00	-6.25	44.62	3.52	34.53	34.92	Average	100	174 VERTICAL
3	5469.60	72.28	74.00	-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

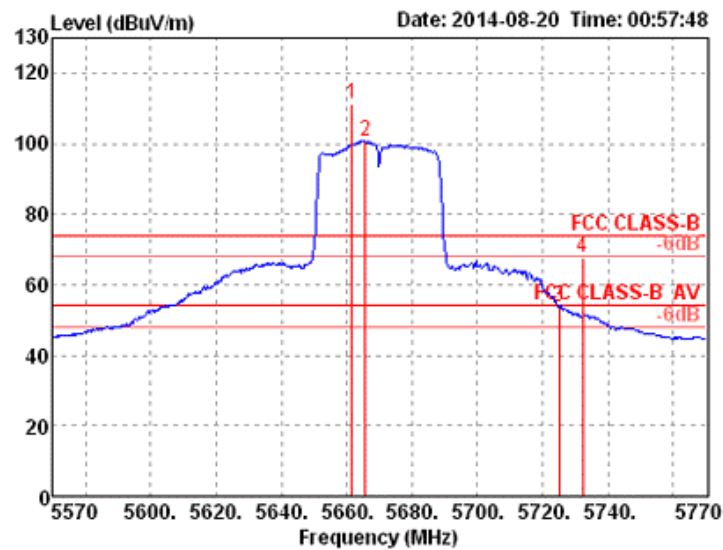


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	
	MHz	dBuV/m	Line	Limit	Level	Loss	Factor	Factor	Remark	cm	deg
1	5460.00	49.99	54.00	-4.01	46.86	3.52	34.53	34.92	Average	169	126 VERTICAL
2	5460.00	63.46	74.00	-10.54	60.33	3.52	34.53	34.92	Peak	169	126 VERTICAL
3	5469.40	69.59	74.00	-4.41	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



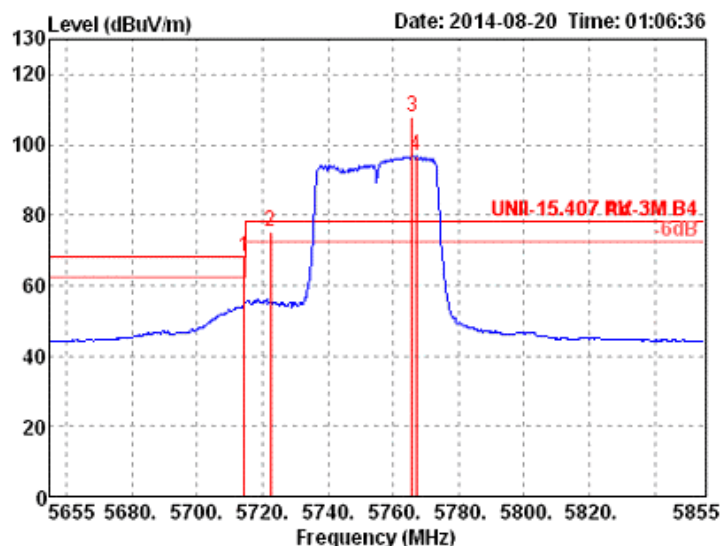
	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
1	5661.60	111.43			108.11	3.59	34.66	34.93	Peak	185	132	VERTICAL
2	5665.60	100.78			97.46	3.59	34.66	34.93	Average	185	132	VERTICAL
3	5725.00	53.88	54.00	-0.12	50.53	3.60	34.69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

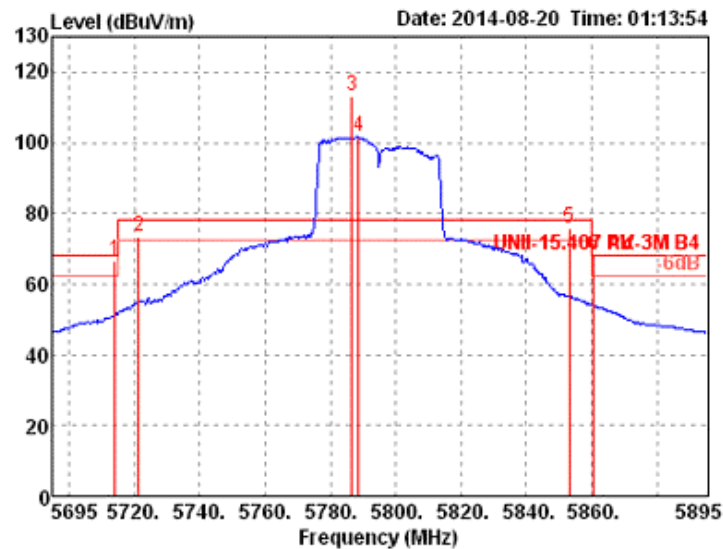


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
1	5714.60	68.19	68.20	-0.01	64.85	3.60	34.68	34.94	Peak	174	114	VERTICAL
2	5722.60	75.22	78.20	-2.98	71.87	3.60	34.69	34.94	Peak	174	114	VERTICAL
3	5765.80	108.14			104.76	3.62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



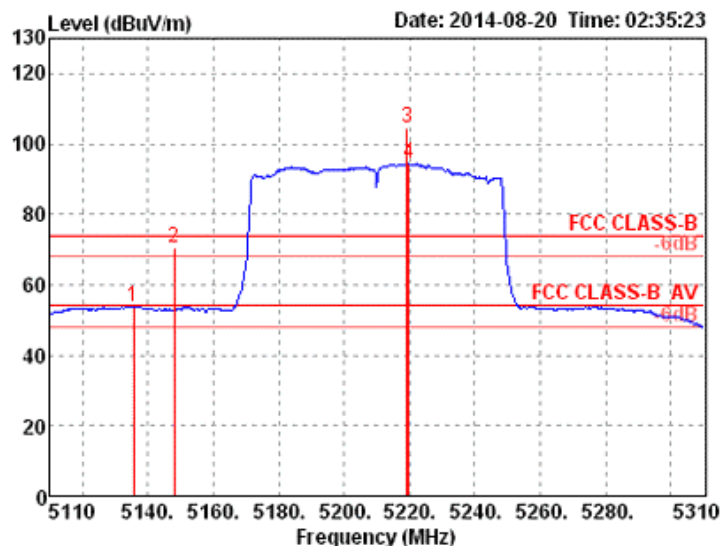
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5714.20	66.92	68.20	-1.28	63.58	3.60	34.68	34.94	Peak	174	123 VERTICAL
2	5721.40	73.30	78.20	-4.90	69.95	3.60	34.69	34.94	Peak	174	123 VERTICAL
3	5786.60	113.27			109.86	3.63	34.72	34.94	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

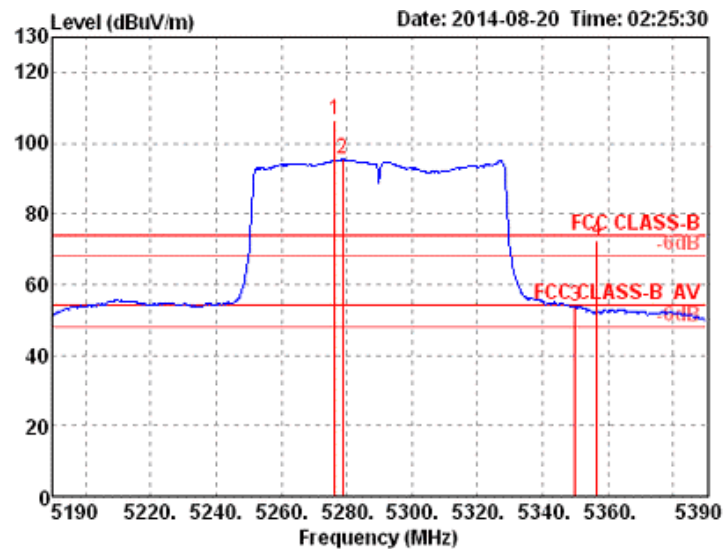


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp			A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg	
1	5135.60	53.79	54.00	-0.21	51.18	3.43	34.09	34.91	Average	181	349	VERTICAL
2	5148.00	70.39	74.00	-3.61	67.76	3.43	34.11	34.91	Peak	181	349	VERTICAL
3	5219.20	104.62			101.88	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



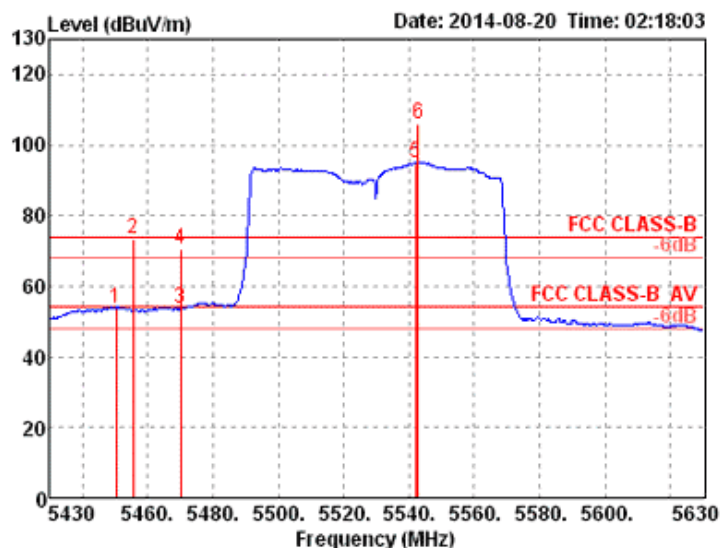
	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	5276.40	106.36			103.50	3.47	34.30	34.91	169	325	VERTICAL
2	5278.80	95.37			92.51	3.47	34.30	34.91	169	325	VERTICAL
3	5350.00	53.71	54.00	-0.29	50.74	3.49	34.39	34.91	169	325	VERTICAL
4	5356.80	72.22	74.00	-1.78	69.25	3.49	34.39	34.91	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

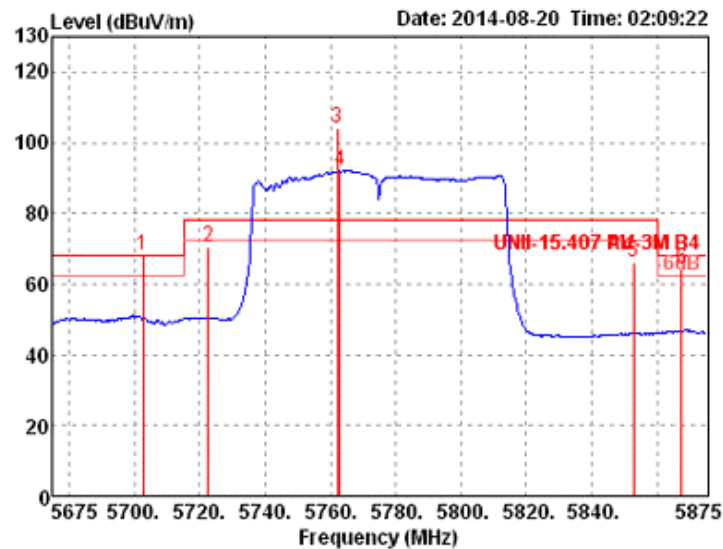


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor	Remark	cm	deg
1	5450.40	53.94	54.00	-0.06	50.81	3.52	34.53	34.92	Average	167	318 VERTICAL
2	5455.60	73.61	74.00	-0.39	70.48	3.52	34.53	34.92	Peak	167	318 VERTICAL
3	5470.00	53.61	54.00	-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
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
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

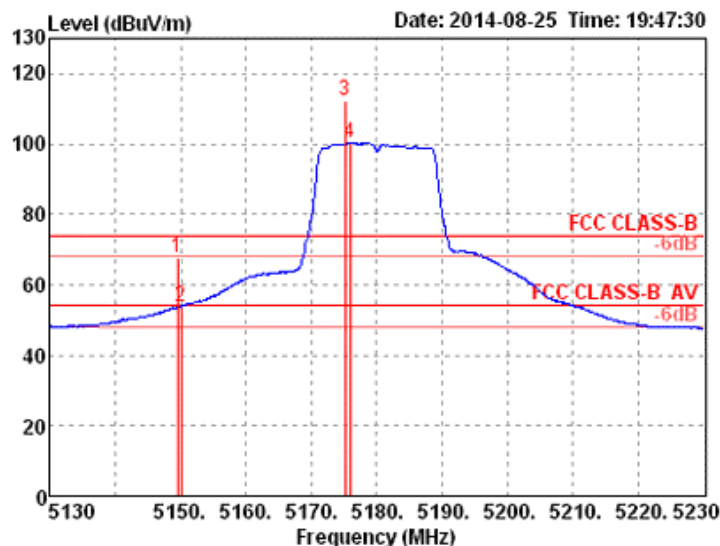
Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

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

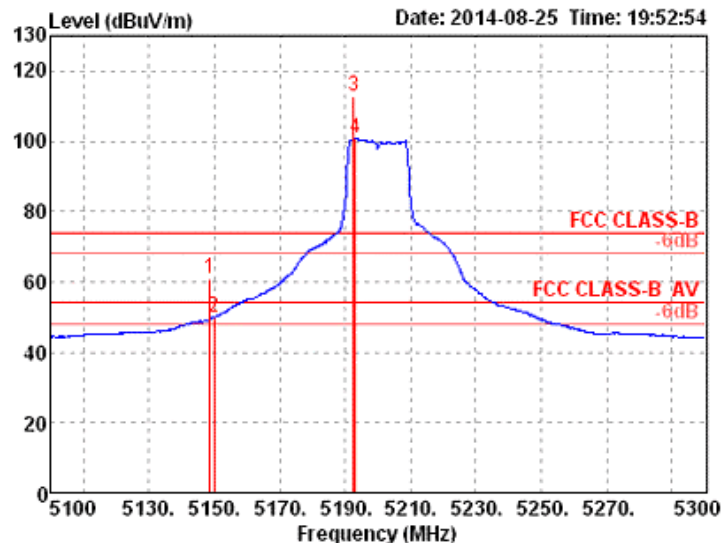


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	Remark	cm	deg	
1	5149.52	67.63	74.00	-6.37	65.00	3.43	34.11	34.91	Peak	177	167	VERTICAL
2	5150.00	53.87	54.00	-0.13	51.24	3.43	34.11	34.91	Average	177	167	VERTICAL
3	5175.13	112.02			109.33	3.44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

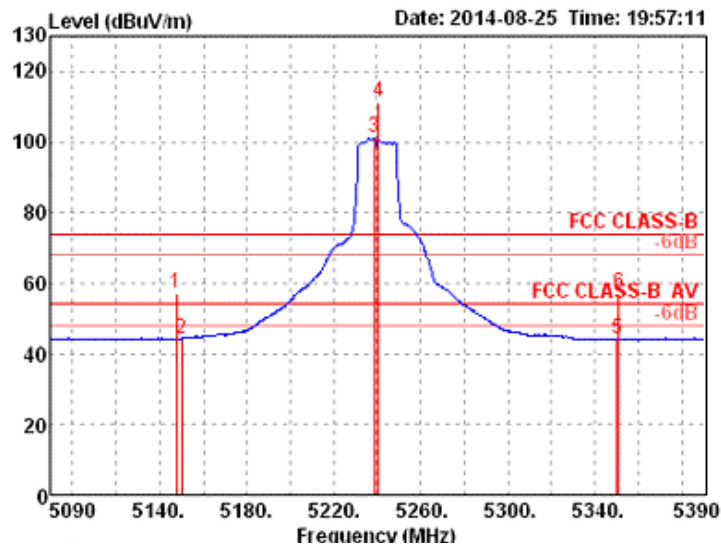


	Freq	Level	Limit	Over	Read	CableAntenna	Preamp		A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg
1	5148.72	61.12	74.00	-12.88	58.49	3.43	34.11	34.91	Peak	174	172 VERTICAL
2	5150.00	49.68	54.00	-4.32	47.05	3.43	34.11	34.91	Average	174	172 VERTICAL
3	5192.75	112.53			109.82	3.44	34.18	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	Remark	A/Pos	T/Pos	Pol/Phase
	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

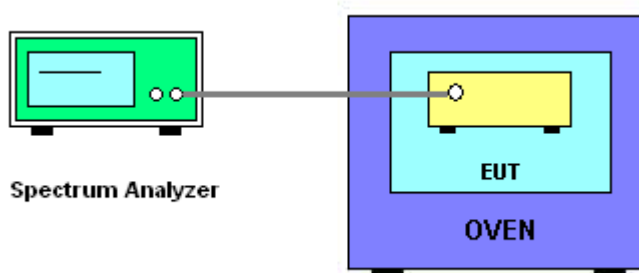
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

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	5500 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	5500 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%