Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 60 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10597.00	56.35	74.00	-17.65	41.54	11.94	38.98	36.11	178	202	Peak	HORIZONTAL
2	10609.92	45.17	54.00	-8.83	30.36	11.94	38.98	36.11	178	202	Average	HORIZONTAL
3	15899.16	59.86	74.00	-14.14	43.83	13.67	38.32	35.96	143	144	Peak	HORIZONTAL
4	15905.76	47.34	54.00	-6.66	31.31	13.67	38.32	35.96	143	144	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10596.40	58.69	74.00	-15.31	43.88	11.94	38.98	36.11	101	317	Peak	VERTICAL
2	10597.24	47.41	54.00	-6.59	32.60	11.94	38.98	36.11	101	317	Average	VERTICAL
3	15903.16	60.04	74.00	-13.96	44.01	13.67	38.32	35.96	171	203	Peak	VERTICAL
4	15909.52	47.81	54.00	-6.19	31.78	13.67	38.32	35.96	171	203	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 64 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10636.36	56.48	74.00	-17.52	41.64	11.95	39.00	36.11	174	111	Peak	HORIZONTAL
2	10649.12	44.92	54.00	-9.08	30.09	11.95	39.00	36.12	174	111	Average	HORIZONTAL
3	15953.20	48.51	54.00	-5.49	32.46	13.69	38.31	35.95	144	202	Average	HORIZONTAL
4	15954.04	60.01	74.00	-13.99	43.96	13.69	38.31	35.95	144	202	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10643.20	56.74	74.00	-17.26	41.91	11.95	39.00	36.12	314	79	Peak	VERTICAL
2	10644.40	46.16	54.00	-7.84	31.33	11.95	39.00	36.12	314	79	Average	VERTICAL
3	15953.36	60.46	74.00	-13.54	44.41	13.69	38.31	35.95	184	232	Peak	VERTICAL
4	15955.80	48.70	54.00	-5.30	32.65	13.69	38.31	35.95	184	232	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 100 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10992.80	55.46	74.00	-18.54	40.21	12.11	39.27	36.13	142	263	Peak	HORIZONTAL
2	11024.30	44.85	54.00	-9.15	29.56	12.12	39.30	36.13	142	263	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10999.80	56.96	74.00	-17.04	41.67	12.12	39.30	36.13	106	348	Peak	VERTICAL
2	10999.90	46.34	54.00	-7.66	31.05	12.12	39.30	36.13	106	348	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 116 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11168.60	46.85	54.00	-7.15	31.48	12.19	39.27	36.09	133	181	Average	HORIZONTAL
2	11174.10	57.71	74.00	-16.29	42.34	12.19	39.27	36.09	133	181	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11159.90	50.92	54.00	-3.08	35.55	12.19	39.27	36.09	102	357	Average	VERTICAL
2	11161.20	62.66	74.00	-11.34	47.29	12.19	39.27	36.09	102	357	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 140 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11378.00	56.55	74.00	-17.45	41.07	12.27	39.23	36.02	134	65	Peak	HORIZONTAL
2	11400.40	45.06	54.00	-8.94	29.56	12.29	39.22	36.01	134	65	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11399.80	50.72	54.00	-3.28	35.22	12.29	39.22	36.01	222	356	Average	VERTICAL
2	11400.10	61.39	74.00	-12.61	45.89	12.29	39.22	36.01	222	356	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 149 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11490.24	46.50	54.00	-7.50	30.80	10.75	39.70	34.75	275	105	Average	HORIZONTAL
2	11491.92	58.84	74.00	-15.16	43.14	10.75	39.70	34.75	275	105	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11491.92	63.40	74.00	-10.60	47.70	10.75	39.70	34.75	213	310	Peak	VERTICAL
2	11492.16	49.31	54.00	-4.69	33.61	10.75	39.70	34.75	213	310	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 157 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.72	57.78	74.00	-16.22	42.13	10.76	39.65	34.76	299	251	Peak	HORIZONTAL
2	11568.20	45.89	54.00	-8.11	30.24	10.76	39.65	34.76	299	251	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11566.64	60.84	74.00	-13.16	45.19	10.76	39.65	34.76	126	240	Peak	VERTICAL
2	11567.72	47.01	54.00	-6.99	31.36	10.76	39.65	34.76	126	240	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 165 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 30, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11652.16	44.82	54.00	-9.18	29.26	10.77	39.57	34.78	123	255	Average	HORIZONTAL
2	11653.60	57.33	74.00	-16.67	41.77	10.77	39.57	34.78	123	255	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11651.68	62.13	74.00	-11.87	46.57	10.77	39.57	34.78	299	137	Peak	VERTICAL
2	11652.04	48.63	54.00	-5.37	33.07	10.77	39.57	34.78	299	137	Average	VERTICAL

<For Beamforming Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jun. 29, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15531.20	60.87	74.00	-13.13	43.54	12.95	38.25	33.87	180	254	Peak	HORIZONTAL
2	15541.72	47.40	54.00	-6.60	30.07	12.95	38.25	33.87	180	254	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15534.44	60.36	74.00	-13.64	43.03	12.95	38.25	33.87	206	151	Peak	VERTICAL
2	15539.92	47.80	54.00	-6.20	30.47	12.95	38.25	33.87	206	151	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15593.88	46.06	54.00	-7.94	31.27	11.24	38.23	34.68	188	317	Average	HORIZONTAL
2	15594.04	59.41	74.00	-14.59	44.62	11.24	38.23	34.68	188	317	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15594.36	46.01	54.00	-7.99	31.22	11.24	38.23	34.68	106	89	Average	VERTICAL
2	15599.48	59.21	74.00	-14.79	44.42	11.24	38.23	34.68	106	89	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15715.76	45.36	54.00	-8.64	30.48	11.27	38.42	34.81	165	229	Average	HORIZONTAL
2	15724.44	57.59	74.00	-16.41	42.71	11.27	38.42	34.81	165	229	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15724.96	45.69	54.00	-8.31	30.81	11.27	38.42	34.81	259	305	Average	VERTICAL
2	15727.32	59.27	74.00	-14.73	44.39	11.27	38.42	34.81	259	305	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15865.44	60.43	74.00	-13.57	45.40	11.31	38.61	34.89	188	149	Peak	HORIZONTAL
2	15867.40	47.34	54.00	-6.66	32.31	11.31	38.61	34.89	188	149	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15863.04	47.62	54.00	-6.38	32.59	11.31	38.61	34.89	158	278	Average	VERTICAL
2	15868.88	60.94	74.00	-13.06	45.96	11.31	38.61	34.94	158	278	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.72	42.47	54.00	-11.53	29.18	9.74	38.50	34.95	185	263	Average	HORIZONTAL
2	10607.80	55.69	74.00	-18.31	42.38	9.74	38.50	34.93	185	263	Peak	HORIZONTAL
3	15890.00	47.83	54.00	-6.17	32.78	11.32	38.67	34.94	241	155	Average	HORIZONTAL
4	15890.88	60.48	74.00	-13.52	45.43	11.32	38.67	34.94	241	155	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.56	43.14	54.00	-10.86	29.85	9.74	38.50	34.95	248	173	Average	VERTICAL
2	10605.56	55.83	74.00	-18.17	42.52	9.74	38.50	34.93	248	173	Peak	VERTICAL
3	15890.56	60.86	74.00	-13.14	45.81	11.32	38.67	34.94	221	101	Peak	VERTICAL
4	15895.60	47.89	54.00	-6.11	32.84	11.32	38.67	34.94	221	101	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jun. 29, 2016 ~ Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10632.80	42.54	54.00	-11.46	29.24	9.73	38.50	34.93	266	126	Average	HORIZONTAL
2	10645.16	55.03	74.00	-18.97	41.70	9.73	38.50	34.90	266	126	Peak	HORIZONTAL
3	15950.60	47.43	54.00	-6.57	32.34	11.33	38.74	34.98	224	208	Average	HORIZONTAL
4	15952.20	61.08	74.00	-12.92	45.99	11.33	38.74	34.98	224	208	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10639.74	44.56	54.00	-9.44	27.65	10.72	39.90	33.71	185	253	Average	VERTICAL
2	10640.75	57.20	74.00	-16.80	40.29	10.72	39.90	33.71	185	253	Peak	VERTICAL
3	15966.00	47.58	54.00	-6.42	30.65	13.16	37.70	33.93	154	166	Average	VERTICAL
4	15967.36	60.58	74.00	-13.42	43.65	13.16	37.70	33.93	154	166	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10999.96	44.29	54.00	-9.71	30.77	9.68	38.50	34.66	182	98	Average	HORIZONTAL
2	11000.08	55.03	74.00	-18.97	41.51	9.68	38.50	34.66	182	98	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10999.72	44.31	54.00	-9.69	30.79	9.68	38.50	34.66	208	325	Average	VERTICAL
2	11004.40	56.46	74.00	-17.54	42.94	9.68	38.50	34.66	208	325	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11159.80	55.44	74.00	-18.56	41.93	9.66	38.50	34.65	187	89	Peak	HORIZONTAL
2	11160.00	45.34	54.00	-8.66	31.83	9.66	38.50	34.65	187	89	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11157.76	58.21	74.00	-15.79	44.70	9.66	38.50	34.65	266	341	Peak	VERTICAL
2	11163.40	46.31	54.00	-7.69	32.80	9.66	38.50	34.65	266	341	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jun. 29, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7598.96	54.31	74.00	-19.69	42.08	8.96	36.56	33.29	246	148	Peak	HORIZONTAL
2	7599.96	42.73	54.00	-11.27	30.50	8.96	36.56	33.29	246	148	Average	HORIZONTAL
3	11399.88	46.18	54.00	-7.82	28.86	11.12	40.04	33.84	102	172	Average	HORIZONTAL
4	11407.56	58.15	74.00	-15.85	40.83	11.12	40.04	33.84	102	172	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7600.00	46.29	54.00	-7.71	34.06	8.96	36.56	33.29	100	142	Average	VERTICAL
2	7600.20	55.19	74.00	-18.81	42.96	8.96	36.56	33.29	100	142	Peak	VERTICAL
3	11400.00	45.68	54.00	-8.32	28.36	11.12	40.04	33.84	158	92	Average	VERTICAL
4	11405.60	58.06	74.00	-15.94	40.74	11.12	40.04	33.84	158	92	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11487.48	58.52	74.00	-15.48	45.02	9.62	38.50	34.62	252	105	Peak	HORIZONTAL
2	11490.16	46.63	54.00	-7.37	33.13	9.62	38.50	34.62	252	105	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11483.68	45.34	54.00	-8.66	31.84	9.62	38.50	34.62	286	51	Average	VERTICAL
2	11483.88	56.14	74.00	-17.86	42.64	9.62	38.50	34.62	286	51	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.16	57.56	74.00	-16.44	44.07	9.61	38.53	34.65	276	239	Peak	HORIZONTAL
2	11570.92	47.19	54.00	-6.81	33.70	9.61	38.53	34.65	276	239	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11570.00	58.36	74.00	-15.64	44.87	9.61	38.53	34.65	306	110	Peak	VERTICAL
2	11571.68	45.64	54.00	-8.36	32.15	9.61	38.53	34.65	306	110	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jun. 29, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11070.22	45.59	54.00	-8.41	28.30	10.95	40.17	33.83	130	322	Average	HORIZONTAL
2	11075.22	57.98	74.00	-16.02	40.69	10.95	40.17	33.83	130	322	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11058.14	58.52	74.00	-15.48	41.22	10.94	40.19	33.83	204	110	Peak	VERTICAL
2	11068.46	45.55	54.00	-8.45	28.26	10.95	40.17	33.83	204	110	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15570.84	45.34	54.00	-8.66	30.55	11.24	38.23	34.68	179	203	Average	HORIZONTAL
2	15570.97	58.58	74.00	-15.42	43.79	11.24	38.23	34.68	179	203	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15570.18	58.92	74.00	-15.08	44.13	11.24	38.23	34.68	167	238	Peak	VERTICAL
2	15570.74	45.73	54.00	-8.27	30.94	11.24	38.23	34.68	167	238	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15690.42	45.03	54.00	-8.97	30.19	11.26	38.35	34.77	132	211	Average	HORIZONTAL
2	15690.65	58.94	74.00	-15.06	44.10	11.26	38.35	34.77	150	360	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15689.14	58.83	74.00	-15.17	43.99	11.26	38.35	34.77	182	301	Peak	VERTICAL
2	15690.62	44.89	54.00	-9.11	30.05	11.26	38.35	34.77	182	301	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15810.45	45.21	54.00	-8.79	30.21	11.30	38.55	34.85	183	276	Average	HORIZONTAL
2	15810.55	57.97	74.00	-16.03	42.97	11.30	38.55	34.85	183	276	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15810.16	45.82	54.00	-8.18	30.82	11.30	38.55	34.85	144	215	Average	VERTICAL
2	15810.35	58.42	74.00	-15.58	43.42	11.30	38.55	34.85	144	215	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10619.72	41.93	54.00	-12.07	28.62	9.74	38.50	34.93	176	213	Average	HORIZONTAL
2	10620.90	55.38	74.00	-18.62	42.07	9.74	38.50	34.93	176	213	Peak	HORIZONTAL
3	15929.21	60.12	74.00	-13.88	45.03	11.33	38.74	34.98	259	135	Peak	HORIZONTAL
4	15930.58	46.77	54.00	-7.23	31.68	11.33	38.74	34.98	259	135	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10619.77	42.41	54.00	-11.59	29.10	9.74	38.50	34.93	218	304	Average	VERTICAL
2	10620.63	55.48	74.00	-18.52	42.17	9.74	38.50	34.93	218	304	Peak	VERTICAL
3	15929.06	59.69	74.00	-14.31	44.60	11.33	38.74	34.98	188	241	Peak	VERTICAL
4	15930.57	46.94	54.00	-7.06	31.85	11.33	38.74	34.98	188	241	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11019.90	42.35	54.00	-11.65	28.83	9.68	38.50	34.66	165	307	Average	HORIZONTAL
2	11020.43	54.89	74.00	-19.11	41.37	9.68	38.50	34.66	165	307	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11020.15	42.54	54.00	-11.46	29.02	9.68	38.50	34.66	184	127	Average	VERTICAL
2	11020.94	55.40	74.00	-18.60	41.88	9.68	38.50	34.66	184	127	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11099.96	42.84	54.00	-11.16	29.32	9.67	38.50	34.65	243	332	Average	HORIZONTAL
2	11099.98	55.03	74.00	-18.97	41.51	9.67	38.50	34.65	243	332	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11099.84	55.85	74.00	-18.15	42.33	9.67	38.50	34.65	289	152	Peak	VERTICAL
2	11100.07	44.32	54.00	-9.68	30.80	9.67	38.50	34.65	289	152	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11339.90	55.91	74.00	-18.09	42.40	9.64	38.50	34.63	160	208	Peak	HORIZONTAL
2	11339.92	43.27	54.00	-10.73	29.76	9.64	38.50	34.63	160	208	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11340.06	43.72	54.00	-10.28	30.21	9.64	38.50	34.63	128	5	Average	VERTICAL
2	11340.80	56.34	74.00	-17.66	42.83	9.64	38.50	34.63	128	5	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11510.00	42.37	54.00	-11.63	28.88	9.62	38.50	34.63	168	264	Average	HORIZONTAL
2	11510.32	55.11	74.00	-18.89	41.62	9.62	38.50	34.63	168	264	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11510.00	43.67	54.00	-10.33	30.18	9.62	38.50	34.63	131	82	Average	VERTICAL
2	11513.92	55.96	74.00	-18.04	42.47	9.62	38.50	34.63	131	82	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.96	56.42	74.00	-17.58	42.94	9.60	38.54	34.66	305	87	Peak	HORIZONTAL
2	11590.05	44.58	54.00	-9.42	31.10	9.60	38.54	34.66	305	87	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.14	55.92	74.00	-18.08	42.44	9.60	38.54	34.66	158	251	Peak	VERTICAL
2	11590.05	42.44	54.00	-11.56	28.96	9.60	38.54	34.66	158	251	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15628.78	43.86	54.00	-10.14	29.05	11.25	38.29	34.73	133	259	Average	HORIZONTAL
2	15631.96	57.87	74.00	-16.13	43.06	11.25	38.29	34.73	133	259	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15625.06	44.16	54.00	-9.84	29.35	11.25	38.29	34.73	129	248	Average	VERTICAL
2	15628.16	58.34	74.00	-15.66	43.53	11.25	38.29	34.73	129	248	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15870.34	57.93	74.00	-16.07	42.95	11.31	38.61	34.94	147	209	Peak	HORIZONTAL
2	15870.50	44.31	54.00	-9.69	29.33	11.31	38.61	34.94	147	209	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15870.19	57.39	74.00	-16.61	42.41	11.31	38.61	34.94	198	212	Peak	VERTICAL
2	15870.42	44.23	54.00	-9.77	29.25	11.31	38.61	34.94	198	212	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11059.80	55.03	74.00	-18.97	41.51	9.68	38.50	34.66	155	105	Peak	HORIZONTAL
2	11060.19	41.54	54.00	-12.46	28.03	9.67	38.50	34.66	155	105	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11059.96	42.30	54.00	-11.70	28.78	9.68	38.50	34.66	180	27	Average	VERTICAL
2	11060.35	55.01	74.00	-18.99	41.50	9.67	38.50	34.66	180	27	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 19, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11549.99	55.05	74.00	-18.95	41.58	9.61	38.51	34.65	142	303	Peak	HORIZONTAL
2	11550.00	41.74	54.00	-12.26	28.27	9.61	38.51	34.65	142	303	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11550.10	57.03	74.00	-16.97	43.56	9.61	38.51	34.65	179	236	Peak	VERTICAL
2	11550.18	42.73	54.00	-11.27	29.24	9.61	38.53	34.65	179	236	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jul. 25, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15540.10	45.79	54.00	-8.21	32.44	11.01	38.39	36.05	107	135	Average	HORIZONTAL
2	15540.42	59.04	74.00	-14.96	45.69	11.01	38.39	36.05	107	135	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15539.98	46.36	54.00	-7.64	33.01	11.01	38.39	36.05	186	170	Average	VERTICAL
2	15540.92	59.22	74.00	-14.78	45.87	11.01	38.39	36.05	186	170	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 40 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15597.58	59.40	74.00	-14.60	44.61	11.24	38.23	34.68	133	321	Peak	HORIZONTAL
2	15602.23	46.33	54.00	-7.67	31.47	11.25	38.29	34.68	133	321	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15598.05	46.40	54.00	-7.60	31.61	11.24	38.23	34.68	135	330	Average	VERTICAL
2	15598.94	59.58	74.00	-14.42	44.79	11.24	38.23	34.68	135	330	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 48 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15718.44	45.72	54.00	-8.28	30.84	11.27	38.42	34.81	129	306	Average	HORIZONTAL
2	15720.19	58.81	74.00	-15.19	43.93	11.27	38.42	34.81	129	306	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15721.03	58.96	74.00	-15.04	44.08	11.27	38.42	34.81	131	319	Peak	VERTICAL
2	15721.12	45.80	54.00	-8.20	30.92	11.27	38.42	34.81	131	319	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 52 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15778.72	59.14	74.00	-14.86	44.22	11.29	38.48	34.85	124	303	Peak	HORIZONTAL
2	15779.33	45.64	54.00	-8.36	30.72	11.29	38.48	34.85	124	303	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15778.44	45.81	54.00	-8.19	30.89	11.29	38.48	34.85	126	301	Average	VERTICAL
2	15780.53	59.36	74.00	-14.64	44.44	11.29	38.48	34.85	126	301	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 60 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10597.58	56.82	74.00	-17.18	43.53	9.74	38.50	34.95	115	287	Peak	HORIZONTAL
2	10598.48	42.04	54.00	-11.96	28.75	9.74	38.50	34.95	115	287	Average	HORIZONTAL
3	15898.25	60.91	74.00	-13.09	45.86	11.32	38.67	34.94	117	294	Peak	HORIZONTAL
4	15902.18	47.30	54.00	-6.70	32.25	11.32	38.67	34.94	117	294	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10600.65	41.69	54.00	-12.31	28.40	9.74	38.50	34.95	121	298	Average	VERTICAL
2	10602.34	54.85	74.00	-19.15	41.56	9.74	38.50	34.95	121	298	Peak	VERTICAL
3	15898.79	60.99	74.00	-13.01	45.94	11.32	38.67	34.94	119	291	Peak	VERTICAL
4	15901.76	47.17	54.00	-6.83	32.12	11.32	38.67	34.94	119	291	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 64 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jul. 25, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10635.18	42.49	74.00	-31.51	29.08	10.52	39.00	36.11	166	112	Peak	HORIZONTAL
2	10635.36	42.32	54.00	-11.68	28.91	10.52	39.00	36.11	166	112	Average	HORIZONTAL
3	15955.94	46.13	54.00	-7.87	32.76	11.01	38.31	35.95	195	241	Average	HORIZONTAL
4	15956.12	58.89	74.00	-15.11	45.52	11.01	38.31	35.95	195	241	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10640.12	42.76	54.00	-11.24	29.36	10.52	39.00	36.12	114	221	Average	VERTICAL
2	10642.98	56.44	74.00	-17.56	43.04	10.52	39.00	36.12	114	221	Peak	VERTICAL
3	15956.42	45.90	54.00	-8.10	32.53	11.01	38.31	35.95	166	100	Average	VERTICAL
4	15959.00	59.48	74.00	-14.52	46.11	11.01	38.31	35.95	166	100	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 100 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10997.64	41.39	54.00	-12.61	27.87	9.68	38.50	34.66	112	259	Average	HORIZONTAL
2	11000.45	55.58	74.00	-18.42	42.06	9.68	38.50	34.66	112	259	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10999.38	54.69	74.00	-19.31	41.17	9.68	38.50	34.66	114	268	Peak	VERTICAL
2	11000.57	41.79	54.00	-12.21	28.27	9.68	38.50	34.66	114	268	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 116 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11158.78	40.98	54.00	-13.02	27.47	9.66	38.50	34.65	109	249	Average	HORIZONTAL
2	11160.34	55.24	74.00	-18.76	41.73	9.66	38.50	34.65	109	249	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11159.43	41.20	54.00	-12.80	27.69	9.66	38.50	34.65	110	251	Average	VERTICAL
2	11161.03	54.16	74.00	-19.84	40.65	9.66	38.50	34.65	110	251	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 140 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jul. 25, 2016 ~ Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7658.03	57.34	74.00	-16.66	46.49	8.46	37.24	34.85	107	232	Peak	HORIZONTAL
2	7660.87	42.98	54.00	-11.02	32.13	8.46	37.24	34.85	107	232	Average	HORIZONTAL
3	11398.39	41.85	54.00	-12.15	28.35	9.63	38.50	34.63	108	237	Average	HORIZONTAL
4	11400.19	54.73	74.00	-19.27	41.23	9.63	38.50	34.63	108	237	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7600.04	45.09	54.00	-8.91	34.34	9.40	37.39	36.04	100	195	Average	VERTICAL
2	7600.14	54.51	74.00	-19.49	43.76	9.40	37.39	36.04	100	195	Peak	VERTICAL
3	11398.76	44.36	54.00	-9.64	30.64	10.51	39.22	36.01	139	129	Average	VERTICAL
4	11400.06	58.26	74.00	-15.74	44.54	10.51	39.22	36.01	139	129	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Jul. 25, 2016 ~ Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7661.05	56.20	74.00	-17.80	45.35	8.46	37.24	34.85	104	219	Peak	HORIZONTAL
2	7662.24	42.88	54.00	-11.12	32.06	8.45	37.22	34.85	104	219	Average	HORIZONTAL
3	11488.99	41.59	54.00	-12.41	28.09	9.62	38.50	34.62	106	229	Average	HORIZONTAL
4	11491.93	55.51	74.00	-18.49	42.01	9.62	38.50	34.62	106	229	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	7660.00	55.76	74.00	-18.24	45.02	9.44	37.34	36.04	100	189	Peak	VERTICAL
2	7660.10	46.94	54.00	-7.06	36.20	9.44	37.34	36.04	100	189	Average	VERTICAL
3	11488.56	46.78	54.00	-7.22	33.06	10.51	39.20	35.99	100	199	Average	VERTICAL
4	11491.38	60.36	74.00	-13.64	46.64	10.51	39.20	35.99	100	199	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.92	54.21	74.00	-19.79	40.72	9.61	38.53	34.65	103	207	Peak	HORIZONTAL
2	11570.69	41.29	54.00	-12.71	27.80	9.61	38.53	34.65	103	207	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.67	53.80	74.00	-20.20	40.31	9.61	38.53	34.65	105	211	Peak	VERTICAL
2	11567.74	41.36	54.00	-12.64	27.87	9.61	38.53	34.65	105	211	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11649.20	58.34	74.00	-15.66	44.87	9.60	38.55	34.68	106	201	Peak	HORIZONTAL
2	11651.76	43.03	54.00	-10.97	29.54	9.60	38.57	34.68	106	201	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11648.73	42.79	54.00	-11.21	29.32	9.60	38.55	34.68	108	206	Average	VERTICAL
2	11652.07	56.14	74.00	-17.86	42.65	9.60	38.57	34.68	108	206	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15538.54	46.05	54.00	-7.95	31.30	11.23	38.16	34.64	104	41	Average	HORIZONTAL
2	15540.85	59.13	74.00	-14.87	44.38	11.23	38.16	34.64	104	41	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15539.34	45.54	54.00	-8.46	30.79	11.23	38.16	34.64	103	28	Average	VERTICAL
2	15539.61	59.13	74.00	-14.87	44.38	11.23	38.16	34.64	103	28	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 46 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15690.37	45.43	54.00	-8.57	30.59	11.26	38.35	34.77	101	62	Average	HORIZONTAL
2	15691.49	59.68	74.00	-14.32	44.76	11.27	38.42	34.77	101	62	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15688.57	58.83	74.00	-15.17	43.99	11.26	38.35	34.77	103	51	Peak	VERTICAL
2	15691.50	45.75	54.00	-8.25	30.83	11.27	38.42	34.77	103	51	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 54 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15807.81	59.66	74.00	-14.34	44.66	11.30	38.55	34.85	102	61	Peak	HORIZONTAL
2	15811.41	46.03	54.00	-7.97	31.03	11.30	38.55	34.85	102	61	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15810.40	46.09	54.00	-7.91	31.09	11.30	38.55	34.85	100	48	Average	VERTICAL
2	15811.30	59.60	74.00	-14.40	44.60	11.30	38.55	34.85	100	48	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 62 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10620.40	54.94	74.00	-19.06	41.63	9.74	38.50	34.93	106	99	Peak	HORIZONTAL
2	10621.05	41.76	54.00	-12.24	28.45	9.74	38.50	34.93	106	99	Average	HORIZONTAL
3	15928.03	47.40	54.00	-6.60	32.31	11.33	38.74	34.98	104	102	Average	HORIZONTAL
4	15931.04	60.42	74.00	-13.58	45.33	11.33	38.74	34.98	104	102	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	10620.00	41.73	54.00	-12.27	28.42	9.74	38.50	34.93	100	72	Average	VERTICAL
2	10621.17	55.67	74.00	-18.33	42.36	9.74	38.50	34.93	100	72	Peak	VERTICAL
3	15928.89	61.35	74.00	-12.65	46.26	11.33	38.74	34.98	103	102	Peak	VERTICAL
4	15930.85	46.96	54.00	-7.04	31.87	11.33	38.74	34.98	103	102	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 102 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11020.42	41.09	54.00	-12.91	27.57	9.68	38.50	34.66	106	154	Average	HORIZONTAL
2	11022.04	55.10	74.00	-18.90	41.58	9.68	38.50	34.66	106	154	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11019.99	41.31	54.00	-12.69	27.79	9.68	38.50	34.66	109	121	Average	VERTICAL
2	11020.49	54.36	74.00	-19.64	40.84	9.68	38.50	34.66	109	121	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 110 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11098.11	54.26	74.00	-19.74	40.74	9.67	38.50	34.65	107	197	Peak	HORIZONTAL
2	11100.87	41.27	54.00	-12.73	27.75	9.67	38.50	34.65	107	197	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11098.83	41.23	54.00	-12.77	27.71	9.67	38.50	34.65	109	189	Average	VERTICAL
2	11100.01	54.04	74.00	-19.96	40.52	9.67	38.50	34.65	109	189	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 134 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11337.94	41.40	54.00	-12.60	27.89	9.64	38.50	34.63	107	211	Average	HORIZONTAL
2	11341.86	54.82	74.00	-19.18	41.31	9.64	38.50	34.63	107	211	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11340.18	41.36	54.00	-12.64	27.85	9.64	38.50	34.63	105	204	Average	VERTICAL
2	11340.61	54.27	74.00	-19.73	40.76	9.64	38.50	34.63	105	204	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11507.68	41.55	54.00	-12.45	28.05	9.62	38.50	34.62	109	214	Average	HORIZONTAL
2	11511.96	55.48	74.00	-18.52	41.99	9.62	38.50	34.63	109	214	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11508.68	55.05	74.00	-18.95	41.55	9.62	38.50	34.62	112	204	Peak	VERTICAL
2	11508.90	41.59	54.00	-12.41	28.10	9.62	38.50	34.63	112	204	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 21, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.37	42.27	54.00	-11.73	28.79	9.60	38.54	34.66	106	208	Average	HORIZONTAL
2	11589.70	55.93	74.00	-18.07	42.45	9.60	38.54	34.66	106	208	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11588.93	55.90	74.00	-18.10	42.42	9.60	38.54	34.66	111	216	Peak	VERTICAL
2	11590.23	42.38	54.00	-11.62	28.90	9.60	38.54	34.66	111	216	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15630.77	57.73	74.00	-16.27	42.92	11.25	38.29	34.73	135	205	Peak	HORIZONTAL
2	15630.92	44.74	54.00	-9.26	29.93	11.25	38.29	34.73	135	205	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15629.42	57.90	74.00	-16.10	43.09	11.25	38.29	34.73	193	259	Peak	VERTICAL
2	15630.84	45.71	54.00	-8.29	30.90	11.25	38.29	34.73	193	259	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 58 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15870.18	58.07	74.00	-15.93	43.09	11.31	38.61	34.94	183	360	Peak	HORIZONTAL
2	15870.60	45.18	54.00	-8.82	30.20	11.31	38.61	34.94	183	360	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15870.43	45.11	54.00	-8.89	30.13	11.31	38.61	34.94	183	76	Average	VERTICAL
2	15870.67	57.99	74.00	-16.01	43.01	11.31	38.61	34.94	183	76	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 106 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11059.04	54.84	74.00	-19.16	41.32	9.68	38.50	34.66	249	177	Peak	HORIZONTAL
2	11059.12	41.53	54.00	-12.47	28.01	9.68	38.50	34.66	249	177	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11059.03	54.78	74.00	-19.22	41.26	9.68	38.50	34.66	210	342	Peak	VERTICAL
2	11059.91	42.55	54.00	-11.45	29.03	9.68	38.50	34.66	210	342	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4
Test Date	Aug. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11550.03	41.73	54.00	-12.27	28.26	9.61	38.51	34.65	166	78	Average	HORIZONTAL
2	11550.03	55.54	74.00	-18.46	42.07	9.61	38.51	34.65	166	78	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11550.13	54.82	74.00	-19.18	41.35	9.61	38.51	34.65	158	190	Peak	VERTICAL
2	11550.25	42.11	54.00	-11.89	28.62	9.61	38.53	34.65	158	190	Average	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 shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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

4.7.2. Measuring Instruments and Setting

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

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

4.7.3. Test Procedures

The test procedure is the same as section 4.6.3.

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 Mode>

The EUT was programmed to be in continuously transmitting mode.

<For Beamforming Mode>

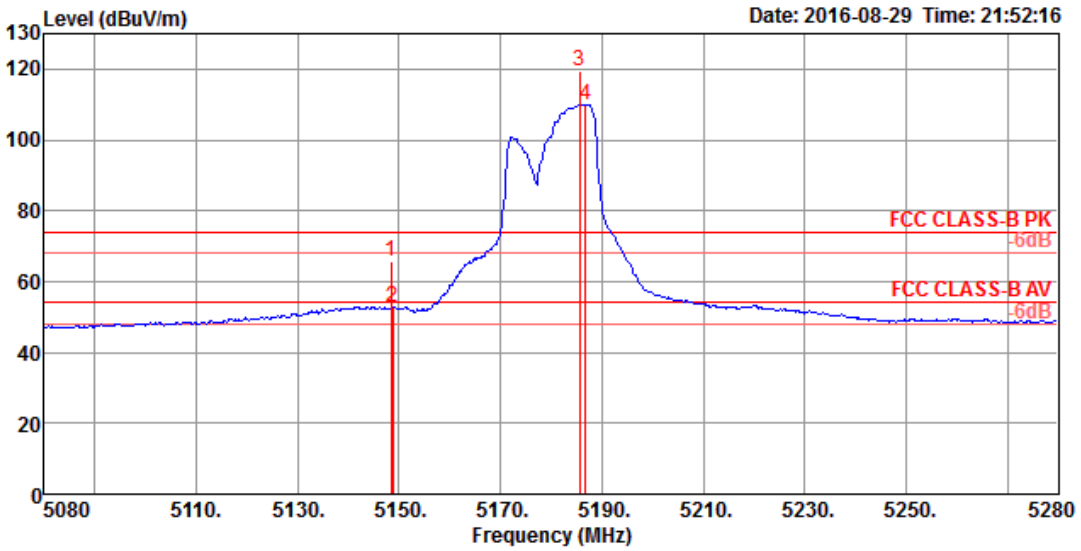
The EUT was programmed to be in beamforming transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

<For Non-Beamforming Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 36, 40, 48 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

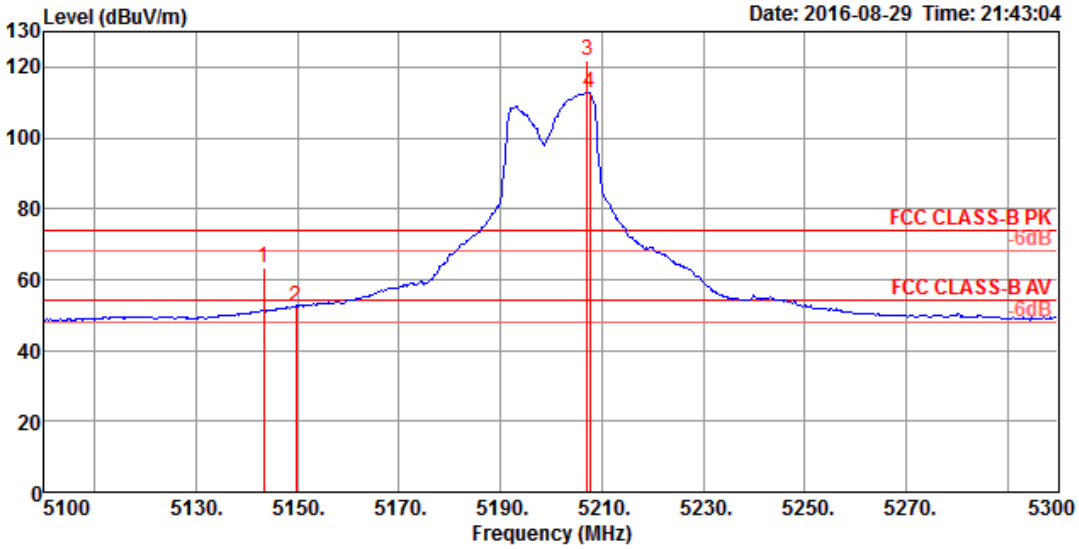
Channel 36



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.40	65.95	74.00	-8.05	59.90	9.50	33.17	36.62	106	72	Peak	VERTICAL
2	5148.80	52.91	54.00	-1.09	46.86	9.50	33.17	36.62	106	72	Average	VERTICAL
3	5185.60	119.42			113.26	9.55	33.23	36.62	106	72	Peak	VERTICAL
4	5186.80	109.98			103.77	9.58	33.25	36.62	106	72	Average	VERTICAL

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

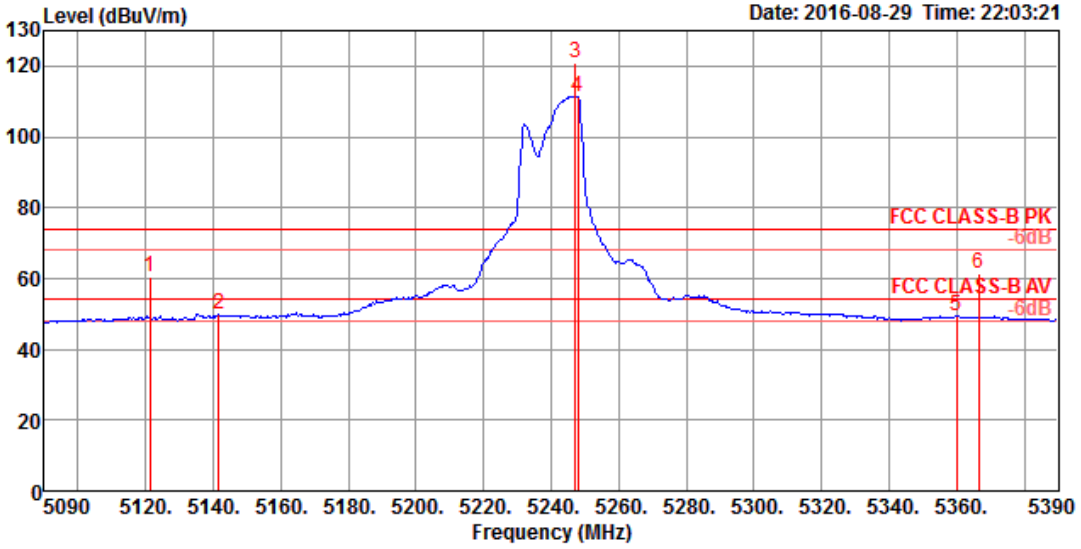
Channel 40



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5143.20	63.14	74.00	-10.86	57.09	9.50	33.17	36.62	100	67	Peak	VERTICAL
2	5149.60	52.51	54.00	-1.49	46.46	9.50	33.17	36.62	100	67	Average	VERTICAL
3	5207.20	121.94			115.69	9.59	33.28	36.62	100	67	Peak	VERTICAL
4	5207.60	112.56			106.31	9.59	33.28	36.62	100	67	Average	VERTICAL

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

Channel 48

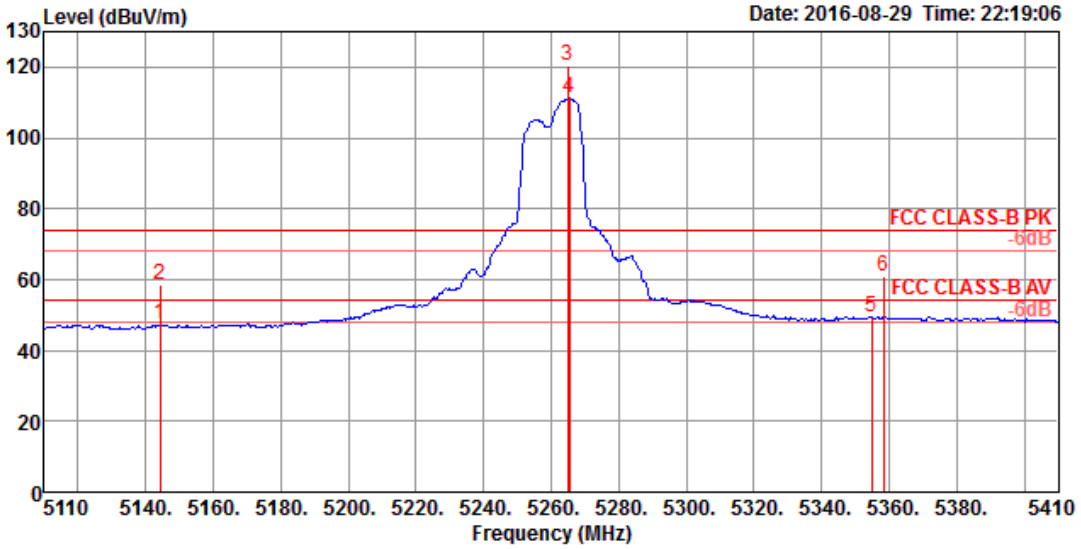


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5121.20	60.27	74.00	-13.73	54.33	9.45	33.12	36.63	103	70	Peak	VERTICAL
2	5141.60	49.76	54.00	-4.24	43.75	9.48	33.15	36.62	103	70	Average	VERTICAL
3	5247.20	121.02			114.63	9.64	33.36	36.61	103	70	Peak	VERTICAL
4	5247.80	111.43			105.04	9.64	33.36	36.61	103	70	Average	VERTICAL
5	5360.00	49.45	54.00	-4.55	42.76	9.74	33.55	36.60	103	70	Average	VERTICAL
6	5366.60	61.48	74.00	-12.52	54.79	9.74	33.55	36.60	103	70	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 52, 60, 64 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

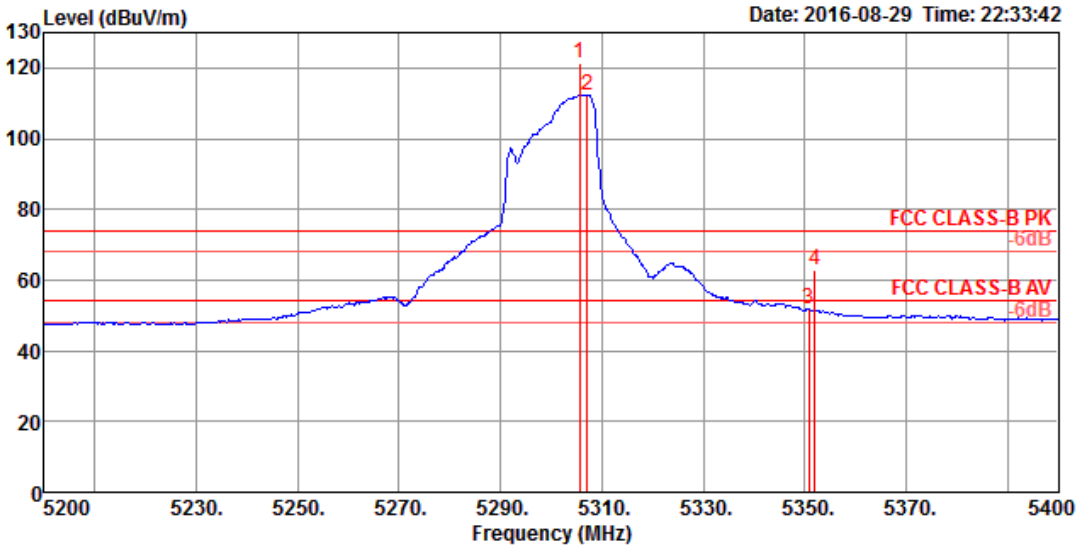
Channel 52



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5144.20	47.40	54.00	-6.60	41.35	9.50	33.17	36.62	309	6	Average	VERTICAL
2	5144.20	58.47	74.00	-15.53	52.42	9.50	33.17	36.62	309	6	Peak	VERTICAL
3	5264.80	120.55			114.12	9.65	33.39	36.61	309	6	Peak	VERTICAL
4	5265.40	111.18			104.75	9.65	33.39	36.61	309	6	Average	VERTICAL
5	5354.80	49.56	54.00	-4.44	42.87	9.74	33.55	36.60	309	6	Average	VERTICAL
6	5358.40	61.12	74.00	-12.88	54.43	9.74	33.55	36.60	309	6	Peak	VERTICAL

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

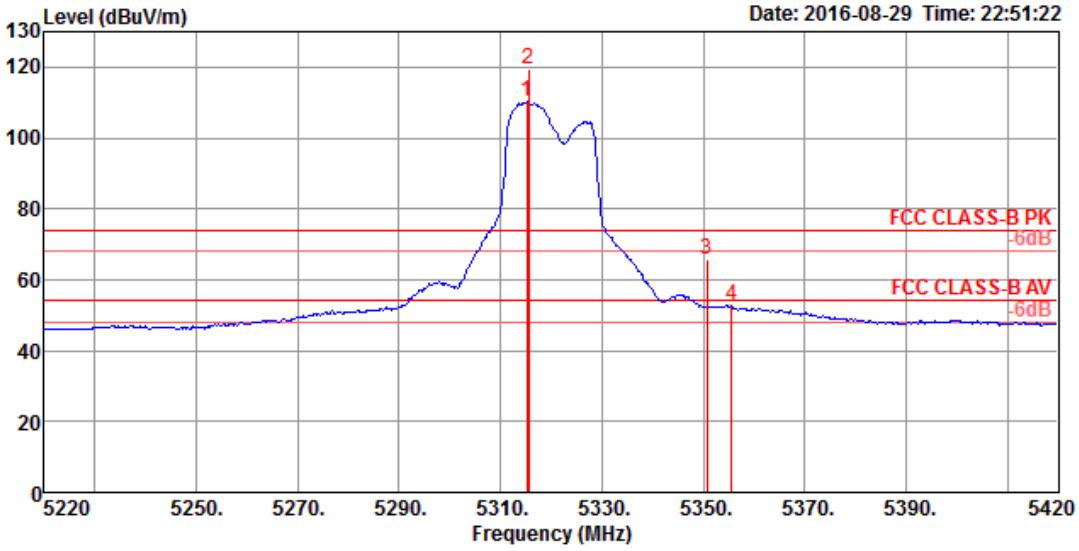
Channel 60



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5305.60	121.58			115.06	9.68	33.45	36.61	101	351	Peak	VERTICAL
2	5307.20	112.14			105.62	9.68	33.45	36.61	101	351	Average	VERTICAL
3	5350.80	51.57	54.00	-2.43	44.91	9.73	33.53	36.60	101	351	Average	VERTICAL
4	5352.00	62.85	74.00	-11.15	56.19	9.73	33.53	36.60	101	351	Peak	VERTICAL

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

Channel 64

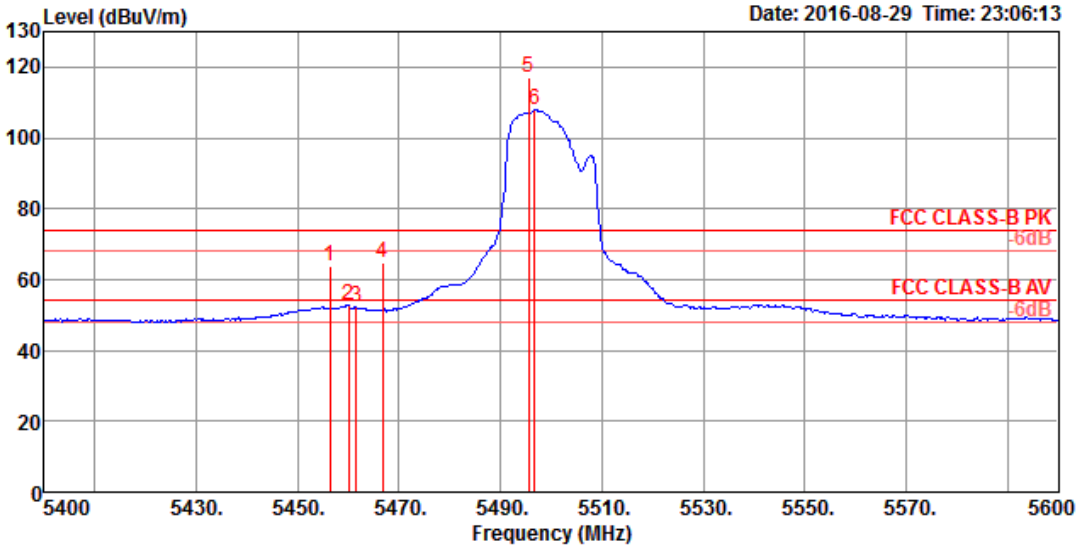


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5315.20	110.10			103.54	9.70	33.47	36.61	320	357	Average	VERTICAL
2	5315.60	119.31			112.75	9.70	33.47	36.61	320	357	Peak	VERTICAL
3	5350.80	65.49	74.00	-8.51	58.83	9.73	33.53	36.60	320	357	Peak	VERTICAL
4	5355.60	52.68	54.00	-1.32	45.99	9.74	33.55	36.60	320	357	Average	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 100, 116, 140 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

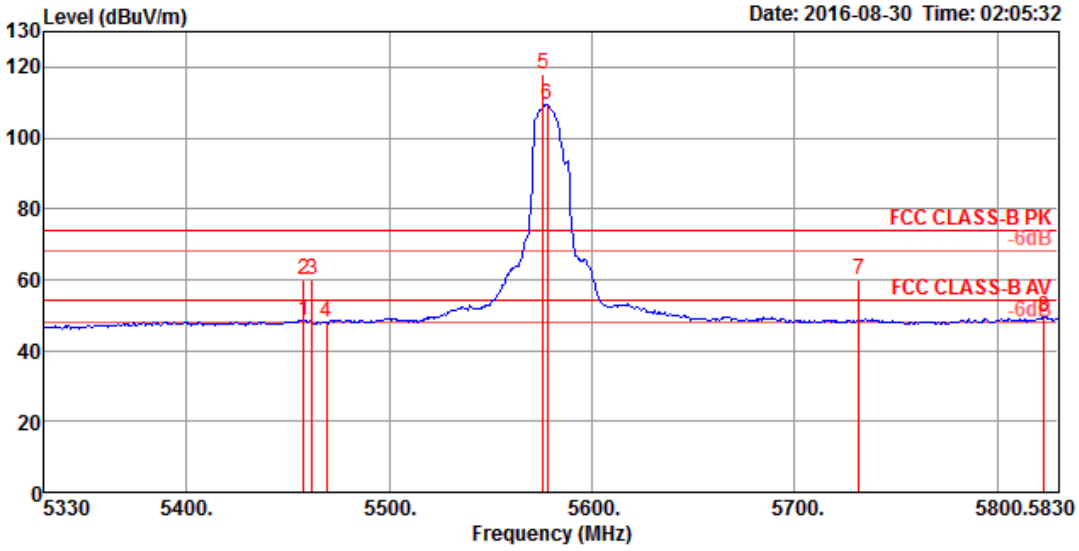
Channel 100



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5456.40	63.80	74.00	-10.20	56.89	9.78	33.72	36.59	130	286	Peak	VERTICAL
2	5460.00	52.76	54.00	-1.24	45.85	9.78	33.72	36.59	130	286	Average	VERTICAL
3	5461.60	52.10	54.00	-1.90	45.19	9.78	33.72	36.59	130	286	Average	VERTICAL
4	5466.80	64.89	74.00	-9.11	57.95	9.78	33.75	36.59	130	286	Peak	VERTICAL
5	5495.60	116.98			109.99	9.78	33.80	36.59	130	286	Peak	VERTICAL
6	5496.80	108.04			101.05	9.78	33.80	36.59	130	286	Average	VERTICAL

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

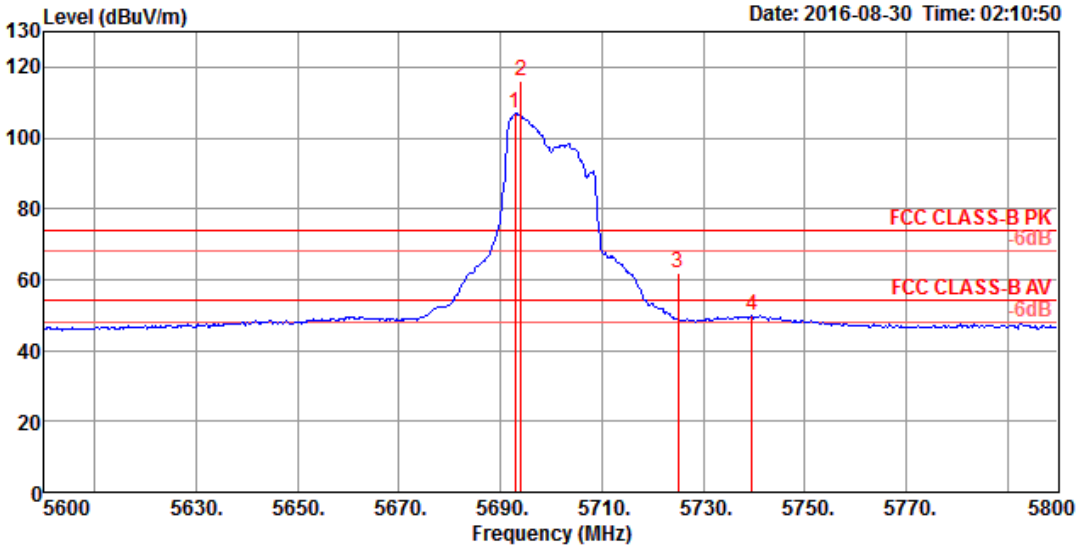
Channel 116



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5458.00	48.43	54.00	-5.57	41.52	9.78	33.72	36.59	101	286	Average	VERTICAL
2	5458.00	59.80	74.00	-14.20	52.89	9.78	33.72	36.59	101	286	Peak	VERTICAL
3	5462.00	60.09	74.00	-13.91	53.18	9.78	33.72	36.59	101	286	Peak	VERTICAL
4	5469.00	48.02	54.00	-5.98	41.08	9.78	33.75	36.59	101	286	Average	VERTICAL
5	5576.00	118.20			110.95	9.79	34.03	36.57	101	286	Peak	VERTICAL
6	5578.00	109.19			101.94	9.79	34.03	36.57	101	286	Average	VERTICAL
7	5732.00	60.05	74.00	-13.95	52.19	9.92	34.45	36.51	101	286	Peak	VERTICAL
8	5823.00	49.56	54.00	-4.44	41.31	10.00	34.73	36.48	101	286	Average	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

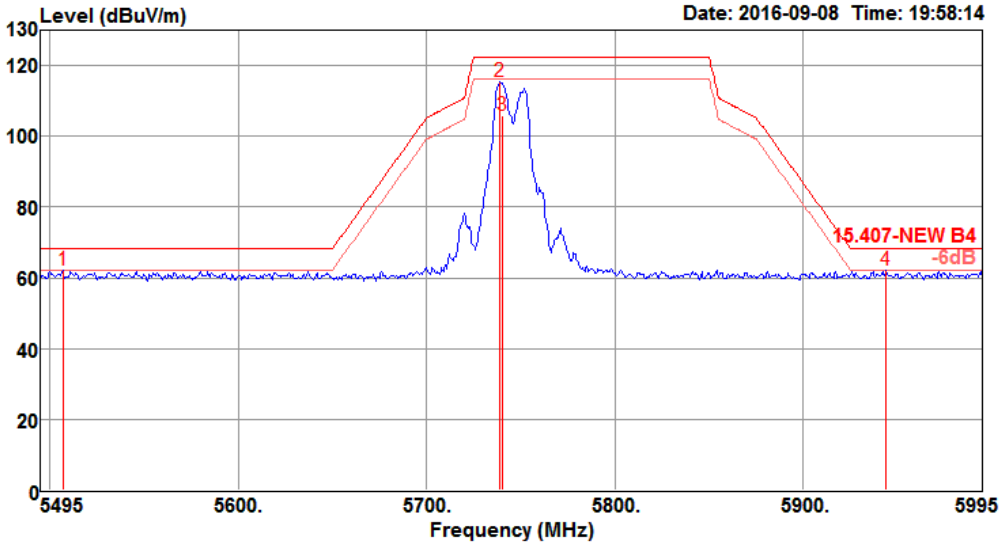


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5692.80	106.99			99.26	9.89	34.36	36.52	214	104	Average	VERTICAL
2	5694.00	115.93			108.20	9.89	34.36	36.52	214	104	Peak	VERTICAL
3	5725.00	61.74	74.00	-12.26	53.89	9.92	34.45	36.52	214	104	Peak	VERTICAL
4	5739.60	49.75	54.00	-4.25	41.82	9.94	34.50	36.51	214	104	Average	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11a CH 149, 157, 165 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

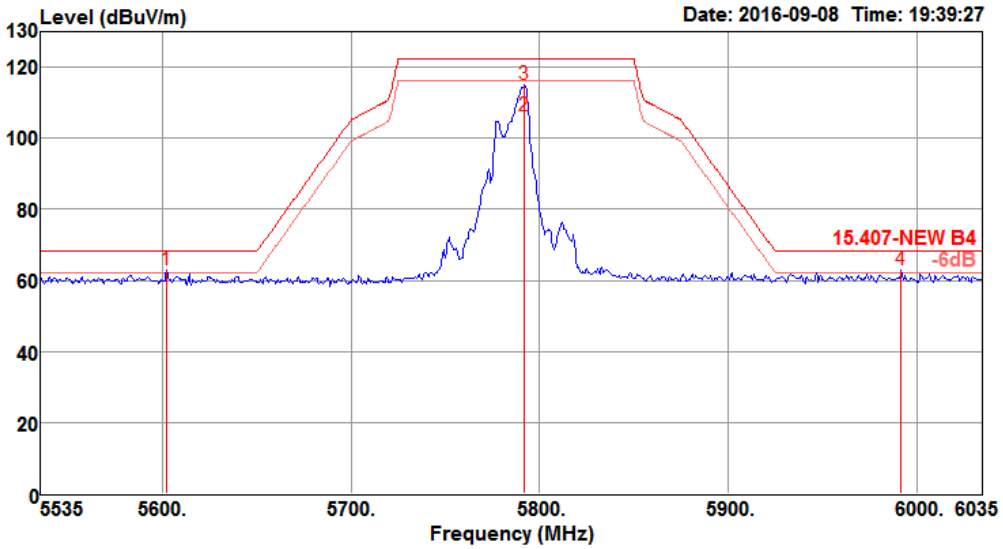
Channel 149



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5507.00	62.02	68.20	-6.18	53.97	7.77	35.20	34.92	129	256	Peak	VERTICAL
2	5739.00	115.53			107.45	7.77	35.25	34.94	129	256	Peak	VERTICAL
3	5740.00	105.99			97.91	7.77	35.25	34.94	129	256	Average	VERTICAL
4	5944.00	62.27	68.20	-5.93	53.98	7.97	35.29	34.97	129	256	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

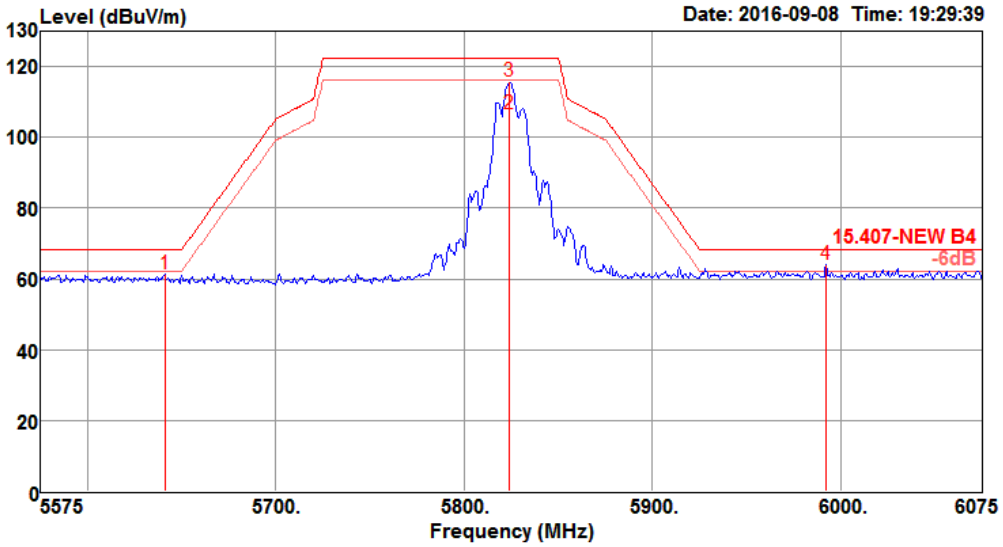
Channel 157



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5602.00	62.76	68.20	-5.44	54.53	7.94	35.22	34.93	150	153	Peak	VERTICAL
2	5792.00	106.08			98.06	7.71	35.26	34.95	150	153	Average	VERTICAL
3	5792.00	115.17			107.15	7.71	35.26	34.95	150	153	Peak	VERTICAL
4	5992.00	63.03	68.20	-5.17	54.68	8.02	35.30	34.97	150	153	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165



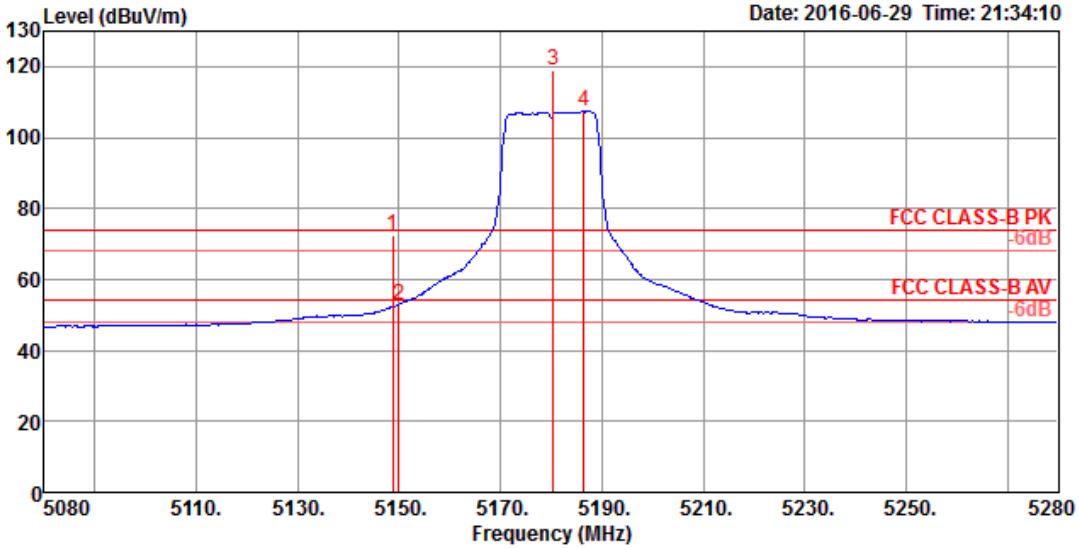
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5641.00	61.49	68.20	-6.71	53.31	7.88	35.23	34.93	113	29	Peak	HORIZONTAL
2	5824.00	106.53			98.44	7.77	35.27	34.95	113	29	Average	HORIZONTAL
3	5824.00	115.70			107.61	7.77	35.27	34.95	113	29	Peak	HORIZONTAL
4	5992.00	64.21	68.20	-3.99	55.86	8.02	35.30	34.97	113	29	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5825 MHz.

<For Beamforming Mode>

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

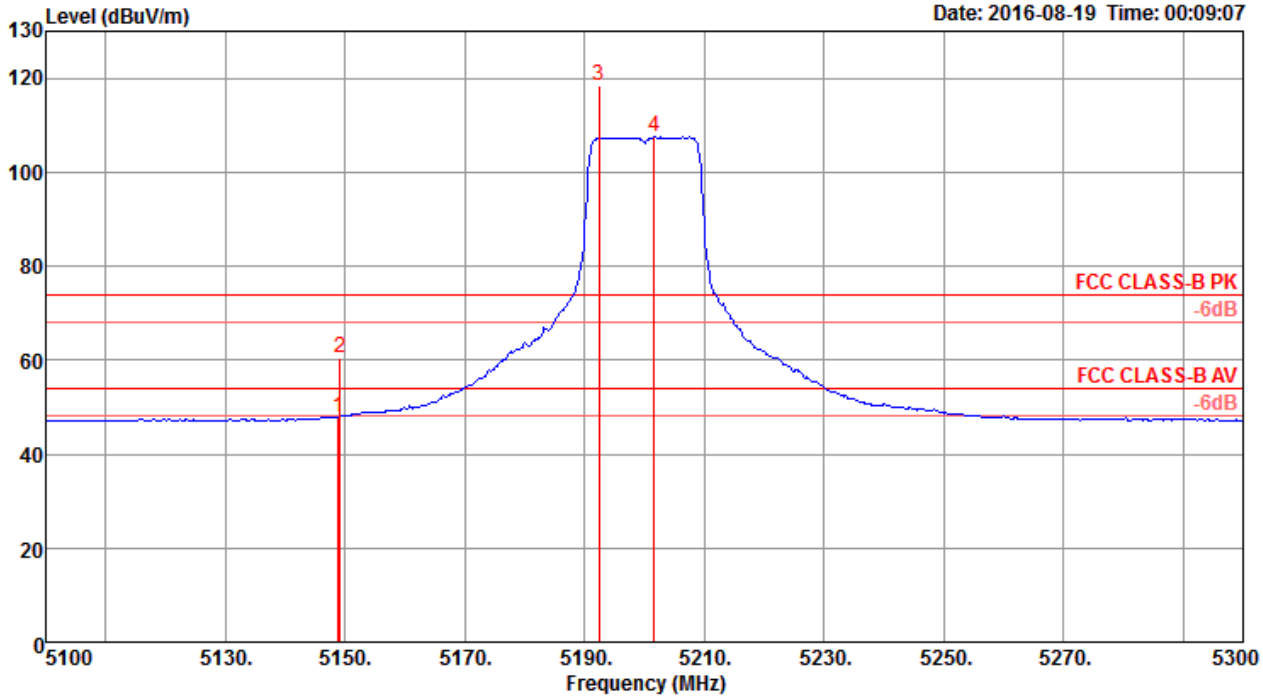
Channel 36



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.80	72.45	74.00	-1.55	65.23	7.34	31.52	31.64	100	298	Peak	VERTICAL
2	5150.00	52.77	54.00	-1.23	45.55	7.34	31.52	31.64	100	298	Average	VERTICAL
3	5180.40	119.11			111.83	7.37	31.55	31.64	100	298	Peak	VERTICAL
4	5186.40	107.27			99.99	7.37	31.55	31.64	100	298	Average	VERTICAL

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

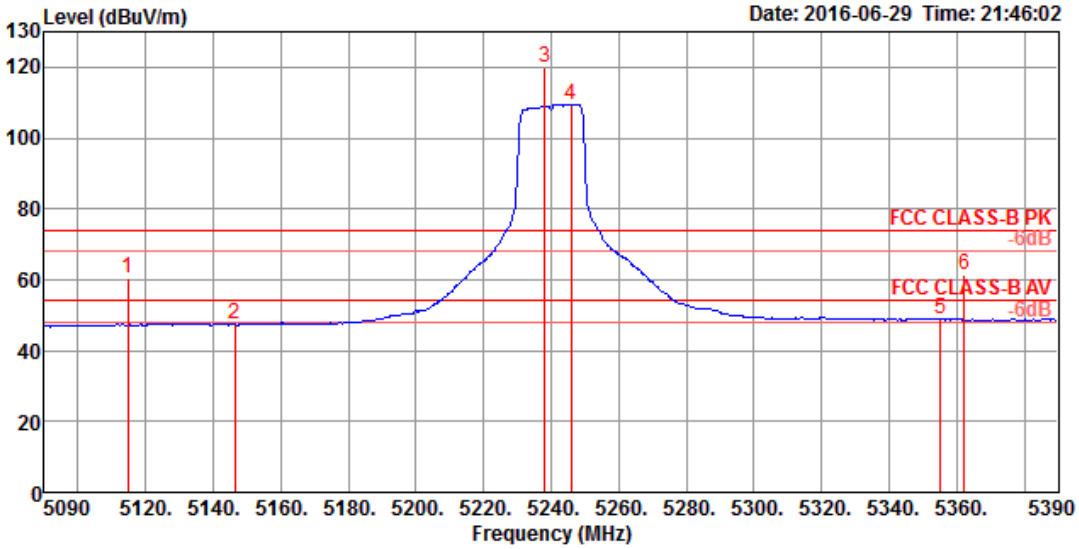
Channel 40



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.80	47.94	54.00	-6.06	41.20	7.90	33.31	34.47	258	186	Average	VERTICAL
2	5149.20	60.45	74.00	-13.55	53.71	7.90	33.31	34.47	258	186	Peak	VERTICAL
3	5192.40	118.29			111.40	7.98	33.38	34.47	258	186	Peak	VERTICAL
4	5201.60	107.58			100.68	7.97	33.40	34.47	258	186	Average	VERTICAL

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

Channel 48

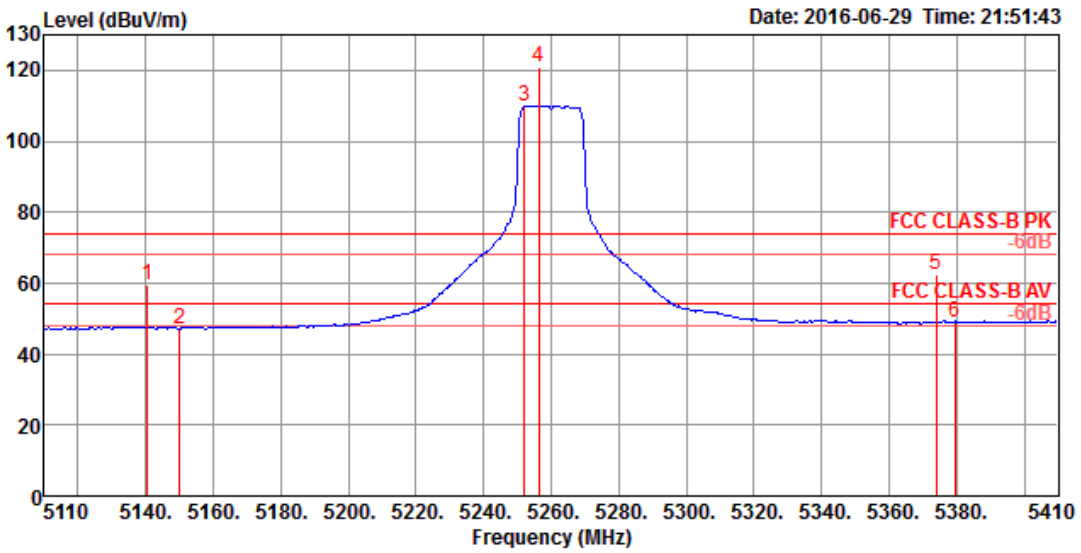


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5114.60	60.46	74.00	-13.54	53.31	7.30	31.50	31.65	102	293	Peak	VERTICAL
2	5146.40	47.41	54.00	-6.59	40.19	7.34	31.52	31.64	102	293	Average	VERTICAL
3	5238.20	119.84			112.44	7.45	31.59	31.64	102	293	Peak	VERTICAL
4	5246.00	109.49			102.08	7.45	31.59	31.63	102	293	Average	VERTICAL
5	5355.20	49.10	54.00	-4.90	41.41	7.62	31.69	31.62	102	293	Average	VERTICAL
6	5362.40	61.22	74.00	-12.78	53.53	7.62	31.69	31.62	102	293	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

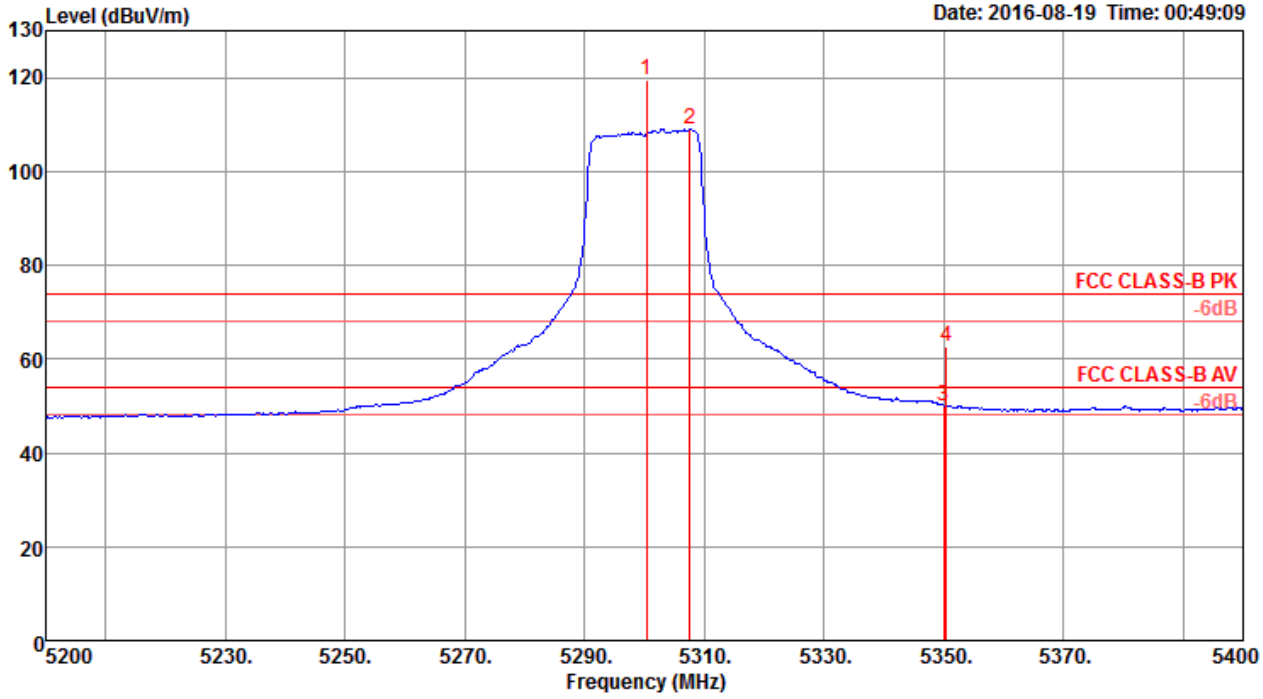
Channel 52



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5140.60	59.53	74.00	-14.47	52.34	7.32	31.51	31.64	100	296	Peak	VERTICAL
2	5150.00	47.22	54.00	-6.78	40.00	7.34	31.52	31.64	100	296	Average	VERTICAL
3 0	5252.20	109.93			102.48	7.47	31.61	31.63	100	296	Average	VERTICAL
4 0	5256.40	121.10			113.65	7.47	31.61	31.63	100	296	Peak	VERTICAL
5	5374.00	62.16	74.00	-11.84	54.44	7.64	31.70	31.62	100	296	Peak	VERTICAL
6	5379.40	49.16	54.00	-4.84	41.44	7.64	31.70	31.62	100	296	Average	VERTICAL

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

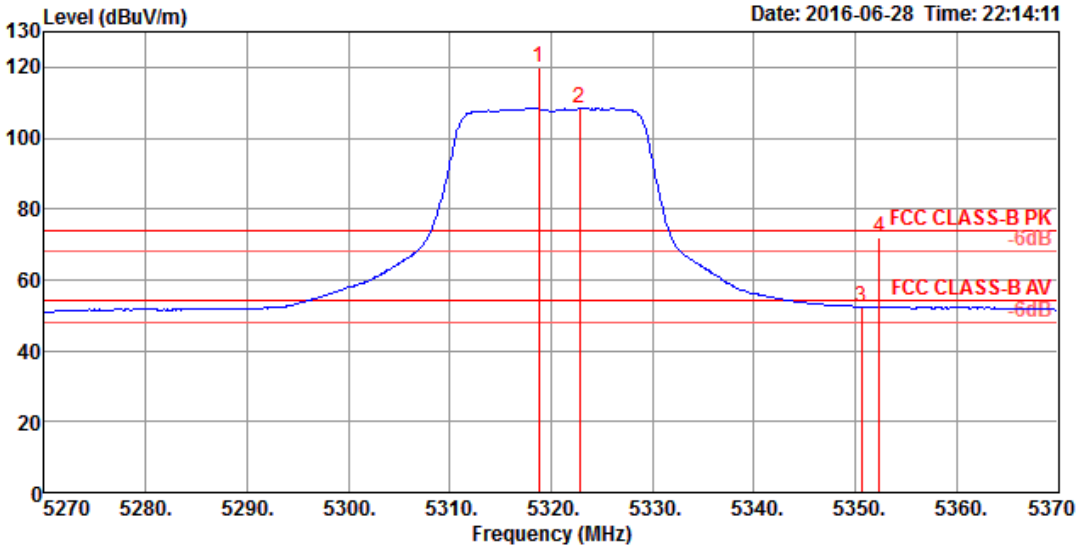
Channel 60



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5300.40	119.59			112.63	7.91	33.52	34.47	281	3	Peak	VERTICAL
2	5307.60	108.90			101.94	7.91	33.52	34.47	281	3	Average	VERTICAL
3	5350.00	50.03	54.00	-3.97	43.02	7.89	33.59	34.47	281	3	Average	VERTICAL
4	5350.40	62.74	74.00	-11.26	55.73	7.89	33.59	34.47	281	3	Peak	VERTICAL

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

Channel 64

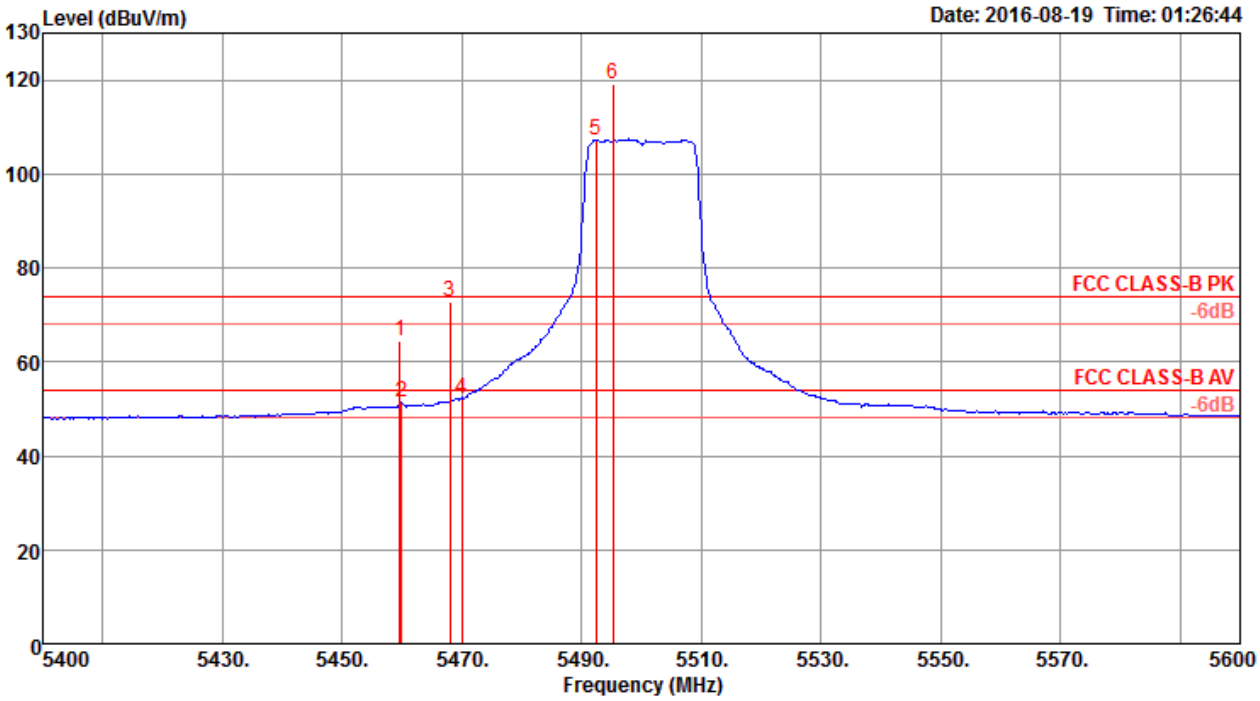


		Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	0	5318.80	120.03			112.45	7.56	31.65	31.63	110	82	Peak	VERTICAL
2	0	5322.80	108.38			100.80	7.56	31.65	31.63	110	82	Average	VERTICAL
3		5350.60	52.48	54.00	-1.52	44.82	7.60	31.68	31.62	110	82	Average	VERTICAL
4		5352.40	71.89	74.00	-2.11	64.23	7.60	31.68	31.62	110	82	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

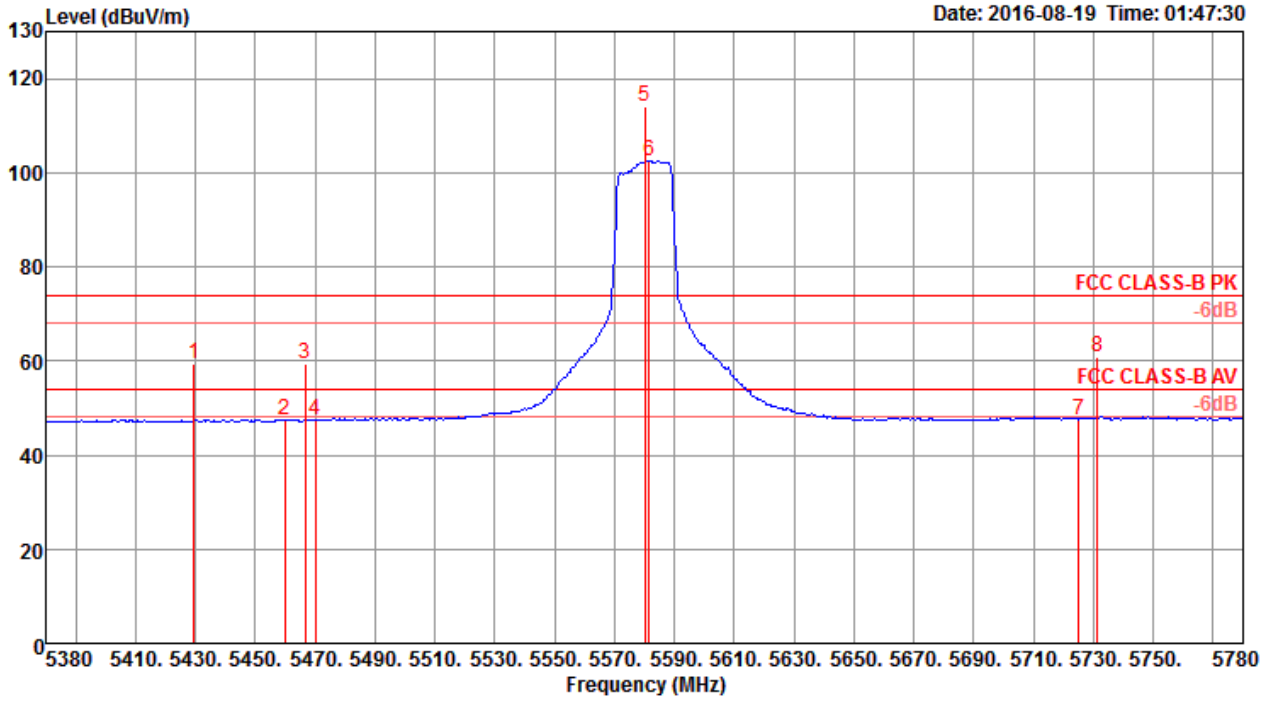
Channel 100



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5459.60	64.32	74.00	-9.68	57.16	7.89	33.74	34.47	250	171	Peak	VERTICAL
2	5460.00	51.49	54.00	-2.51	44.33	7.89	33.74	34.47	250	171	Average	VERTICAL
3	5468.00	72.96	74.00	-1.04	65.77	7.90	33.76	34.47	250	171	Peak	VERTICAL
4	5470.00	52.24	54.00	-1.76	45.05	7.90	33.76	34.47	250	171	Average	VERTICAL
5	5492.40	107.11			99.90	7.90	33.78	34.47	250	171	Average	VERTICAL
6	5495.20	119.14			111.90	7.91	33.80	34.47	250	171	Peak	VERTICAL

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

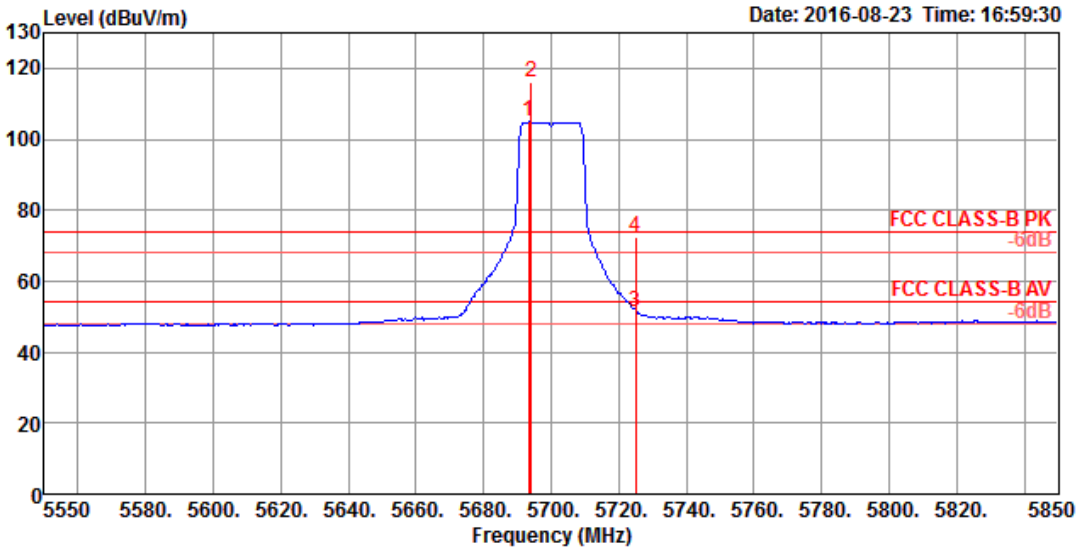
Channel 116



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5429.60	59.55	74.00	-14.45	52.46	7.87	33.69	34.47	111	37	Peak	HORIZONTAL
2	5460.00	47.27	54.00	-6.73	40.11	7.89	33.74	34.47	111	37	Average	HORIZONTAL
3	5466.80	59.52	74.00	-14.48	52.33	7.90	33.76	34.47	111	37	Peak	HORIZONTAL
4	5470.00	47.33	54.00	-6.67	40.14	7.90	33.76	34.47	111	37	Average	HORIZONTAL
5	5580.00	114.06			106.56	7.94	34.05	34.49	111	37	Peak	HORIZONTAL
6	5581.60	102.35			94.85	7.94	34.05	34.49	111	37	Average	HORIZONTAL
7	5725.00	47.60	54.00	-6.40	39.74	7.87	34.50	34.51	111	37	Average	HORIZONTAL
8	5731.40	61.00	74.00	-13.00	53.15	7.87	34.50	34.52	111	37	Peak	HORIZONTAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

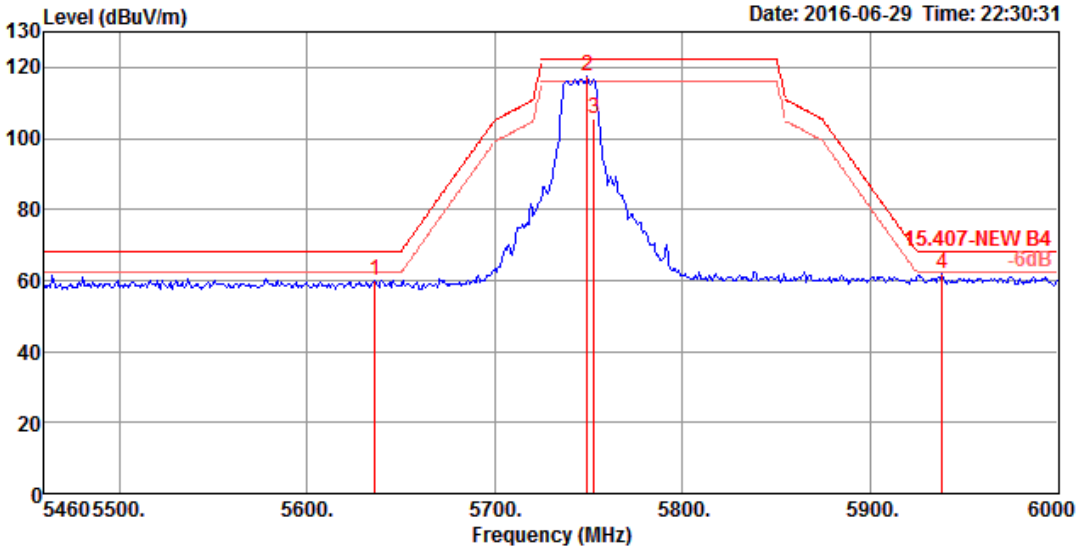


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5693.40	104.84			96.78	7.71	32.04	31.69	100	288	Average	VERTICAL
2	5694.00	116.13			108.07	7.71	32.04	31.69	100	288	Peak	VERTICAL
3	5725.00	51.20	54.00	-2.80	43.08	7.74	32.08	31.70	100	288	Average	VERTICAL
4	5725.00	72.62	74.00	-1.38	64.50	7.74	32.08	31.70	100	288	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

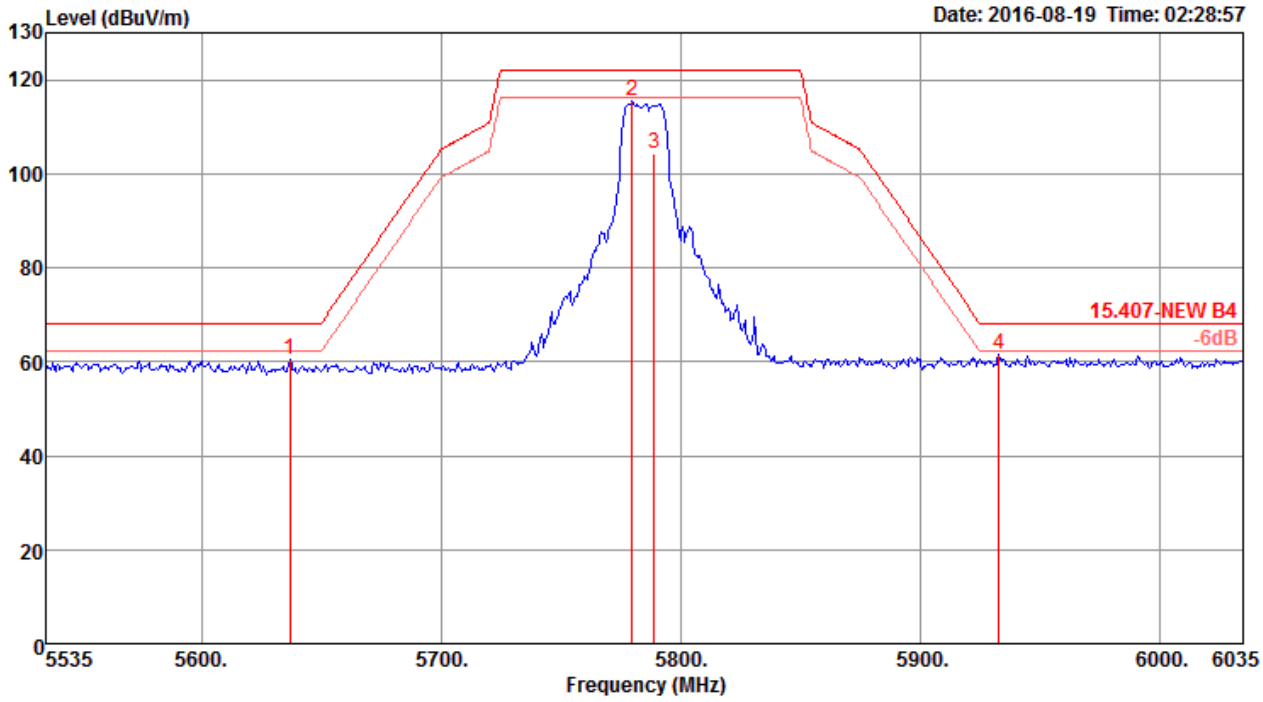
Channel 149



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5636.04	60.04	68.20	-8.16	52.11	7.64	31.96	31.67	100	48	Peak	VERTICAL
2	5749.44	117.31			109.16	7.76	32.10	31.71	100	48	Peak	VERTICAL
3	5752.68	105.63			97.48	7.76	32.10	31.71	100	48	Average	VERTICAL
4	5938.44	62.07	68.20	-6.13	53.65	7.89	32.32	31.79	100	48	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

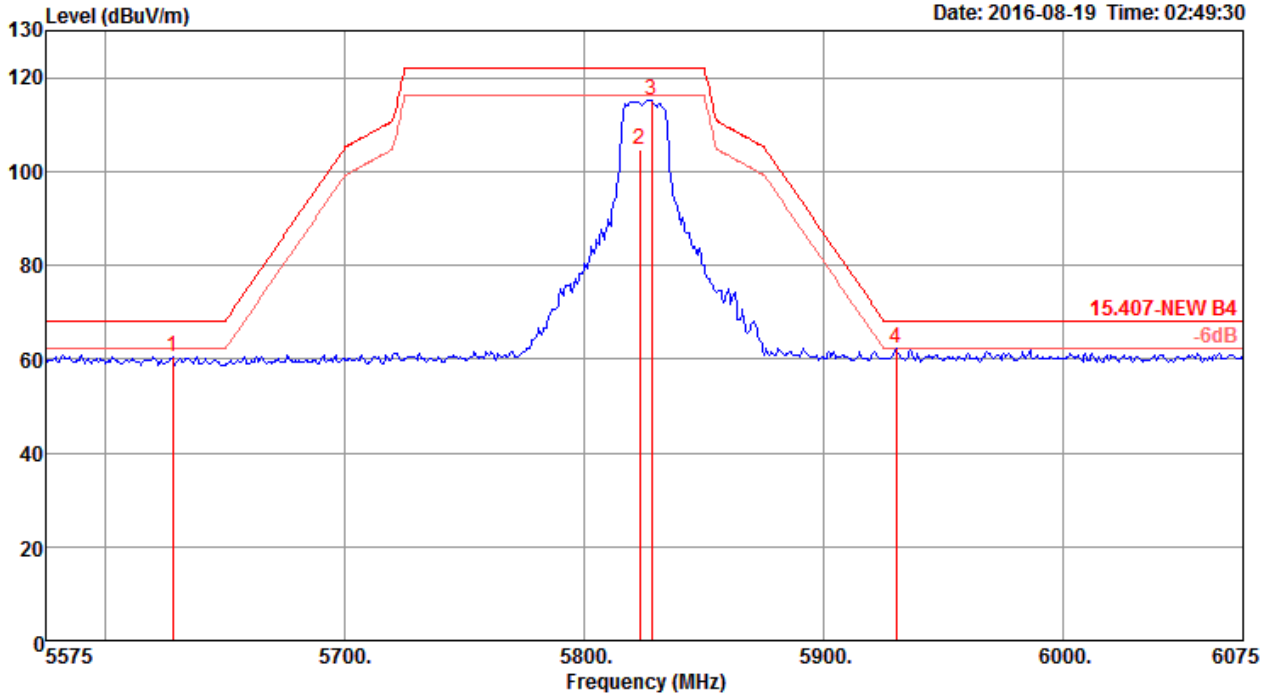
Channel 157



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5637.00	60.31	68.20	-7.89	52.68	7.93	34.20	34.50	274	359	Peak	HORIZONTAL
2	5780.00	115.63			107.67	7.84	34.65	34.53	274	359	Peak	HORIZONTAL
3	5789.00	104.43			96.43	7.83	34.70	34.53	274	359	Average	HORIZONTAL
4	5933.00	61.70	68.20	-6.50	53.41	7.75	35.10	34.56	274	359	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165

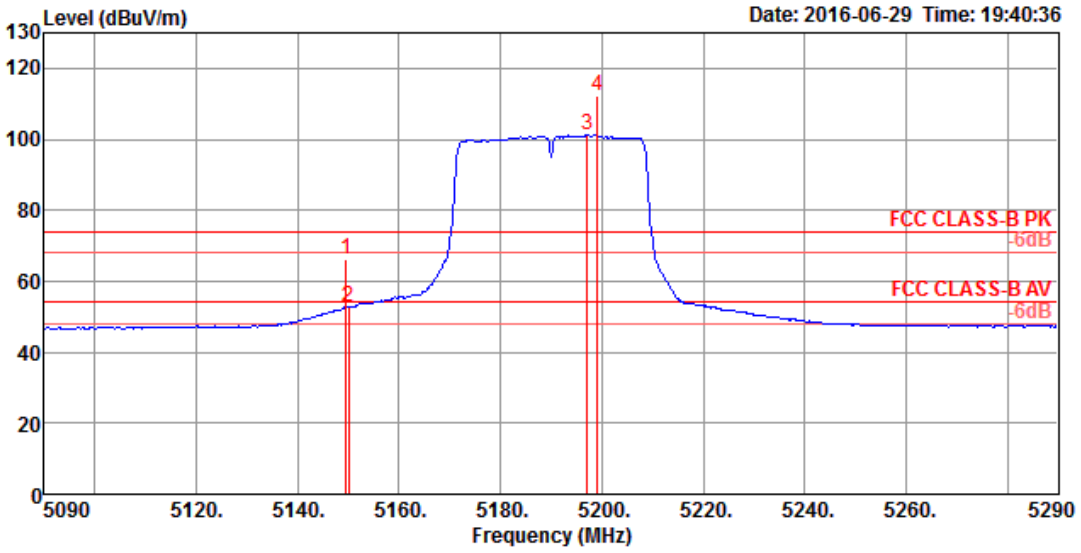


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5628.00	60.46	68.20	-7.74	52.83	7.93	34.20	34.50	105	15	Peak	HORIZONTAL
2	5823.00	104.51			96.44	7.81	34.80	34.54	105	15	Average	HORIZONTAL
3	5828.00	115.12			107.05	7.81	34.80	34.54	105	15	Peak	HORIZONTAL
4	5930.00	62.28	68.20	-5.92	53.99	7.75	35.10	34.56	105	15	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5825 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

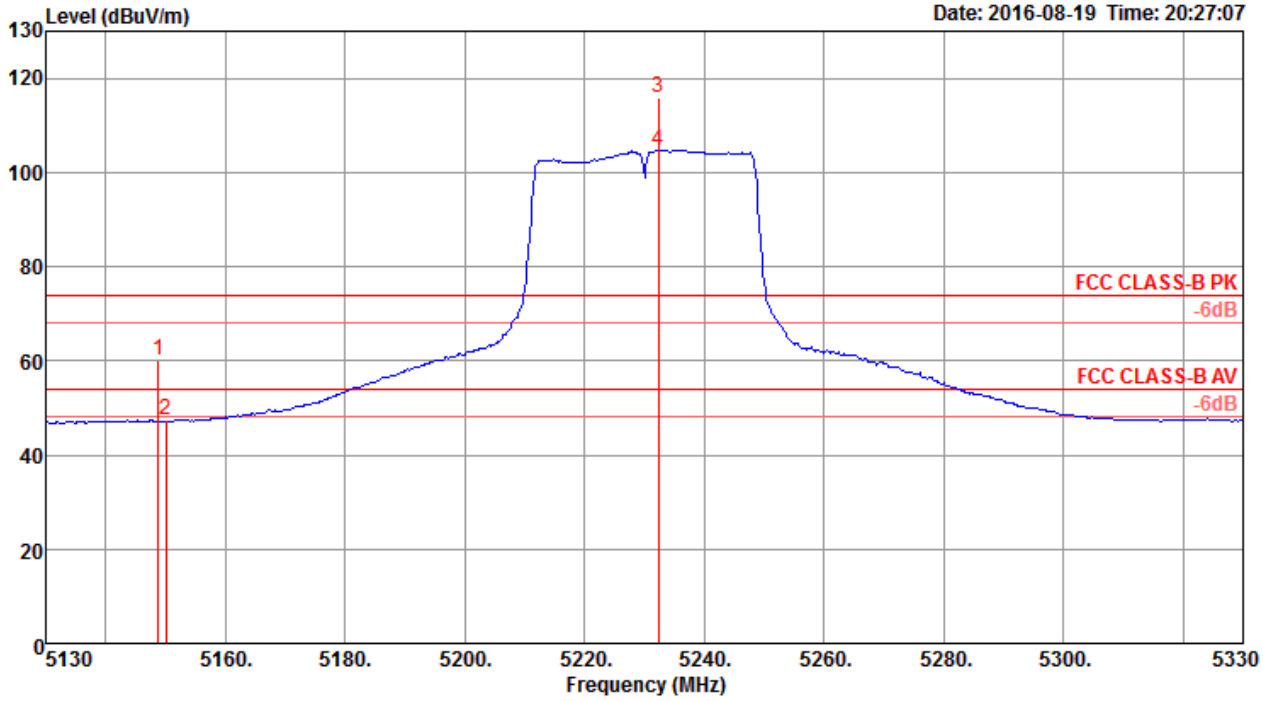
Channel 38



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.60	66.29	74.00	-7.71	59.07	7.34	31.52	31.64	121	73	Peak	VERTICAL
2	5150.00	52.59	54.00	-1.41	45.37	7.34	31.52	31.64	121	73	Average	VERTICAL
3 0	5197.20	101.11			93.80	7.39	31.56	31.64	121	73	Average	VERTICAL
4 0	5199.20	112.26			104.95	7.39	31.56	31.64	121	73	Peak	VERTICAL

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

Channel 46

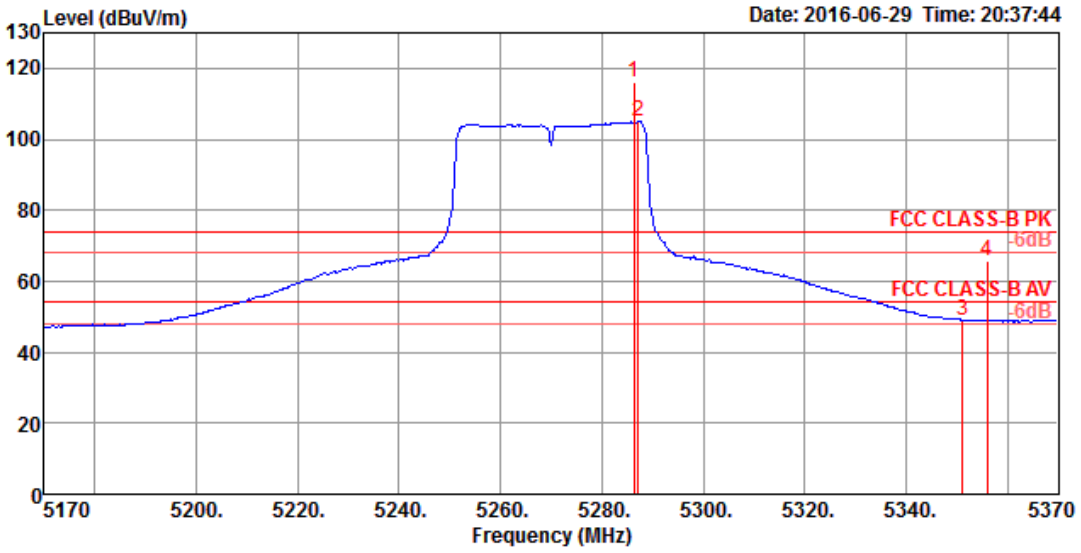


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.80	60.09	74.00	-13.91	53.35	7.90	33.31	34.47	277	181	Peak	VERTICAL
2	5150.00	47.29	54.00	-6.71	40.55	7.90	33.31	34.47	277	181	Average	VERTICAL
3	5232.40	115.87			108.95	7.95	33.44	34.47	277	181	Peak	VERTICAL
4	5232.40	104.57			97.65	7.95	33.44	34.47	277	181	Average	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

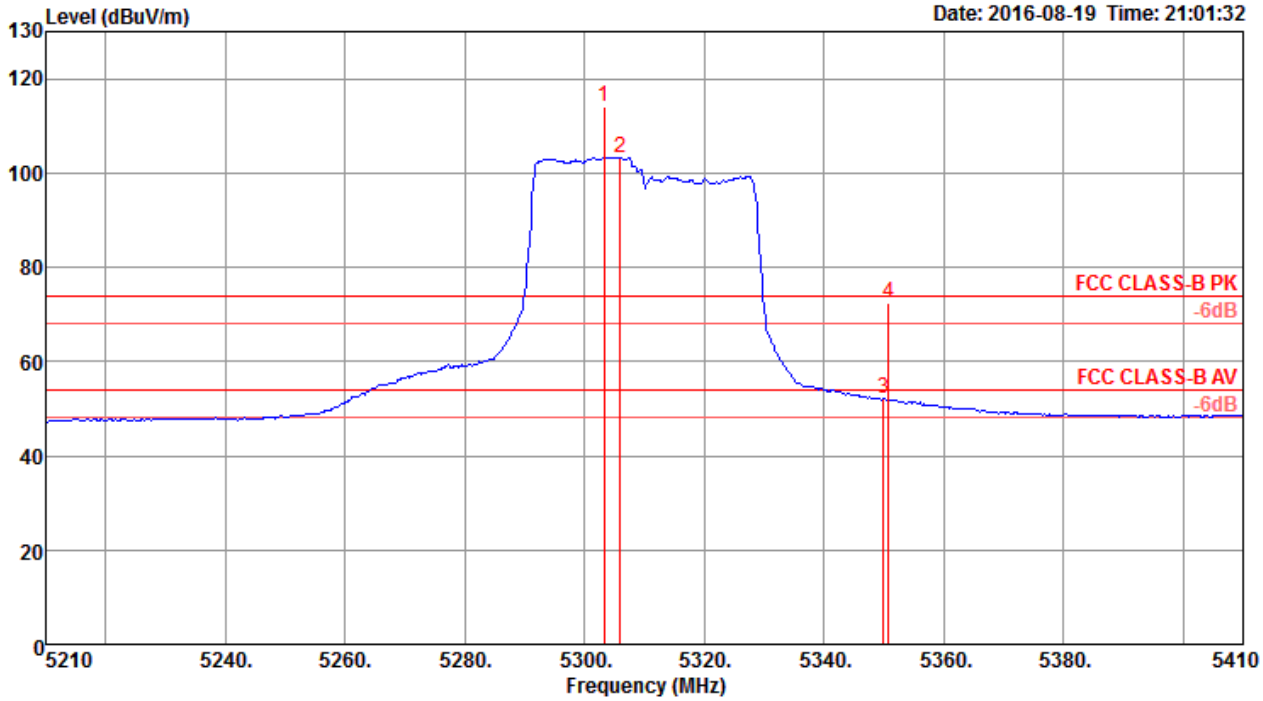
Channel 54



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1 0	5286.40	115.98			108.47	7.51	31.63	31.63	111	104	Peak	VERTICAL
2 0	5287.20	104.97			97.46	7.51	31.63	31.63	111	104	Average	VERTICAL
3	5351.20	49.10	54.00	-4.90	41.44	7.60	31.68	31.62	111	104	Average	VERTICAL
4	5356.00	65.54	74.00	-8.46	57.85	7.62	31.69	31.62	111	104	Peak	VERTICAL

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

Channel 62

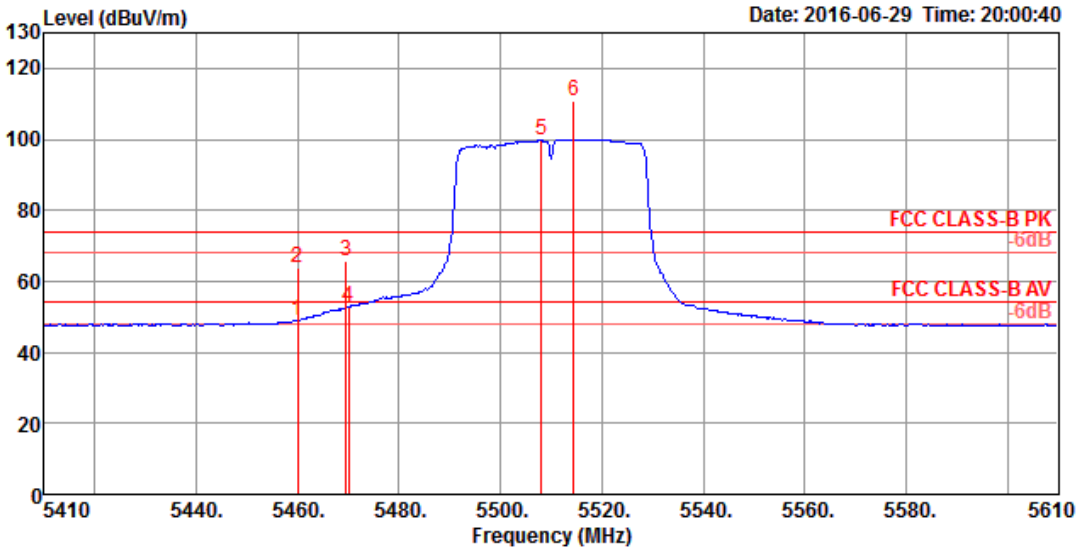


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5303.20	114.18			107.22	7.91	33.52	34.47	102	193	Peak	VERTICAL
2	5306.00	103.14			96.18	7.91	33.52	34.47	102	193	Average	VERTICAL
3	5350.00	52.11	54.00	-1.89	45.10	7.89	33.59	34.47	102	193	Average	VERTICAL
4	5350.80	72.44	74.00	-1.56	65.43	7.89	33.59	34.47	102	193	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

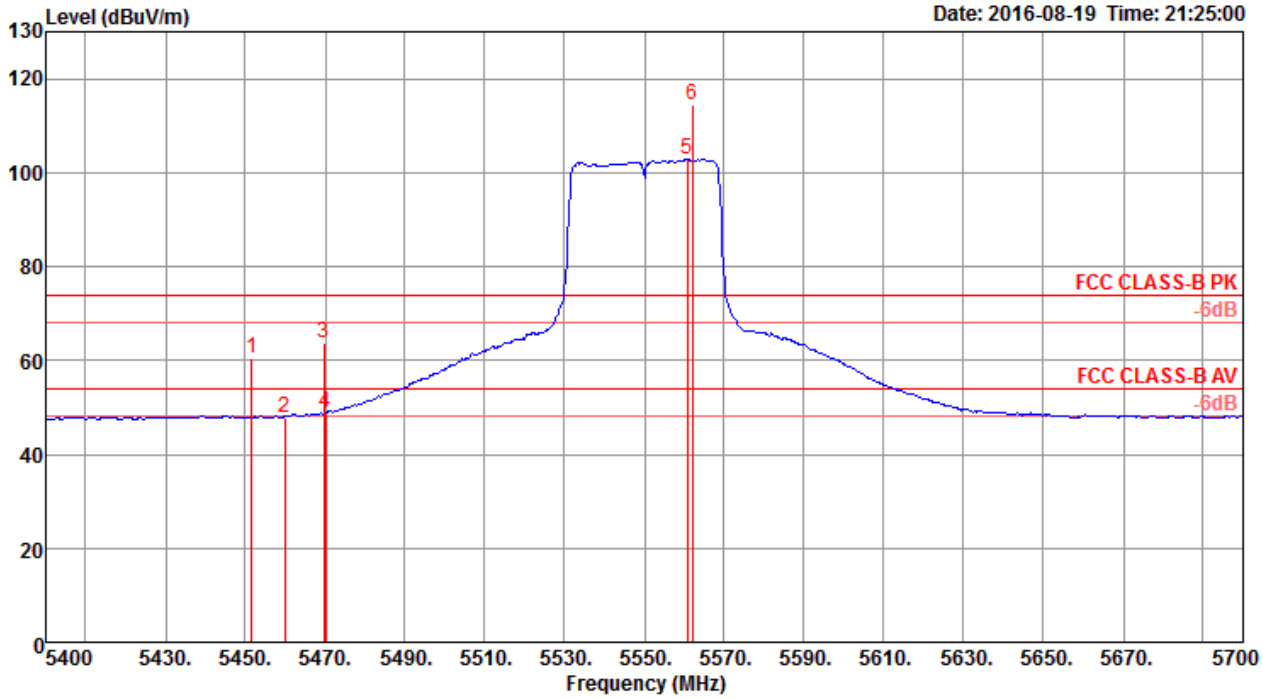
Channel 102



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5460.00	49.10	54.00	-4.90	41.31	7.64	31.76	31.61	259	119	Average	VERTICAL
2	5460.00	63.74	74.00	-10.26	55.95	7.64	31.76	31.61	259	119	Peak	VERTICAL
3	5469.60	65.95	74.00	-8.05	58.14	7.64	31.78	31.61	259	119	Peak	VERTICAL
4	5470.00	52.75	54.00	-1.25	44.94	7.64	31.78	31.61	259	119	Average	VERTICAL
5 0	5508.00	99.96			92.15	7.63	31.80	31.62	259	119	Average	VERTICAL
6 0	5514.40	110.94			103.11	7.63	31.82	31.62	259	119	Peak	VERTICAL

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

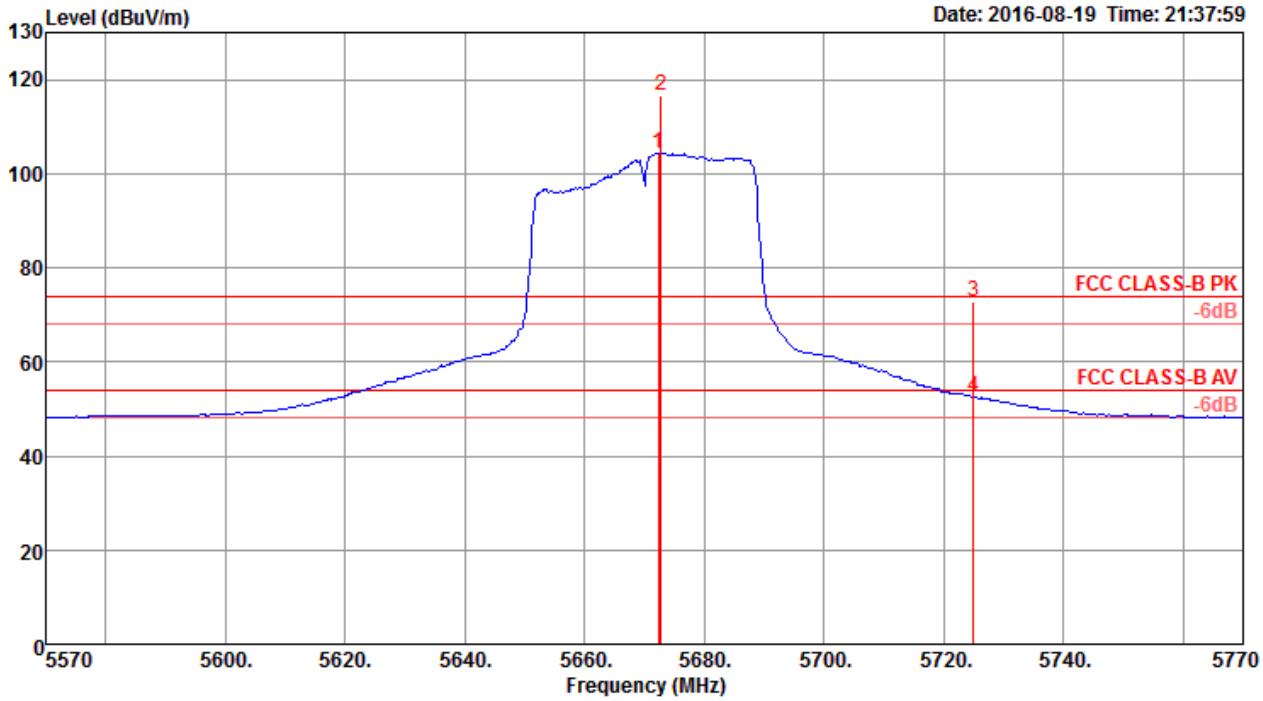
Channel 110



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5451.60	60.61	74.00	-13.39	53.45	7.89	33.74	34.47	288	42	Peak	HORIZONTAL
2	5460.00	47.96	54.00	-6.04	40.80	7.89	33.74	34.47	288	42	Average	HORIZONTAL
3	5469.60	63.62	74.00	-10.38	56.43	7.90	33.76	34.47	288	42	Peak	HORIZONTAL
4	5470.00	48.78	54.00	-5.22	41.59	7.90	33.76	34.47	288	42	Average	HORIZONTAL
5	5560.80	102.76			95.30	7.94	34.00	34.48	288	42	Average	HORIZONTAL
6	5562.00	114.40			106.94	7.94	34.00	34.48	288	42	Peak	HORIZONTAL

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

Channel 134

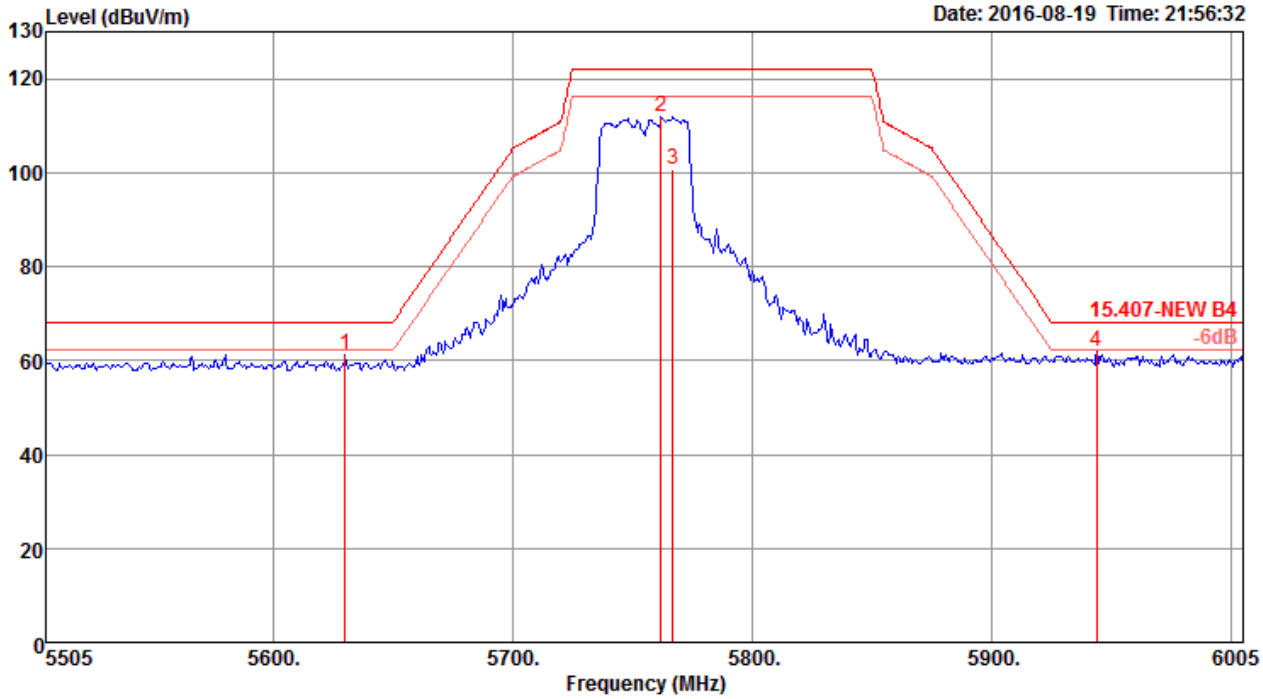


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5672.40	104.40			96.70	7.91	34.30	34.51	238	350	Average	VERTICAL
2	5672.80	116.52			108.78	7.90	34.35	34.51	238	350	Peak	VERTICAL
3	5725.00	72.82	74.00	-1.18	64.96	7.87	34.50	34.51	238	350	Peak	VERTICAL
4	5725.00	52.48	54.00	-1.52	44.62	7.87	34.50	34.51	238	350	Average	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

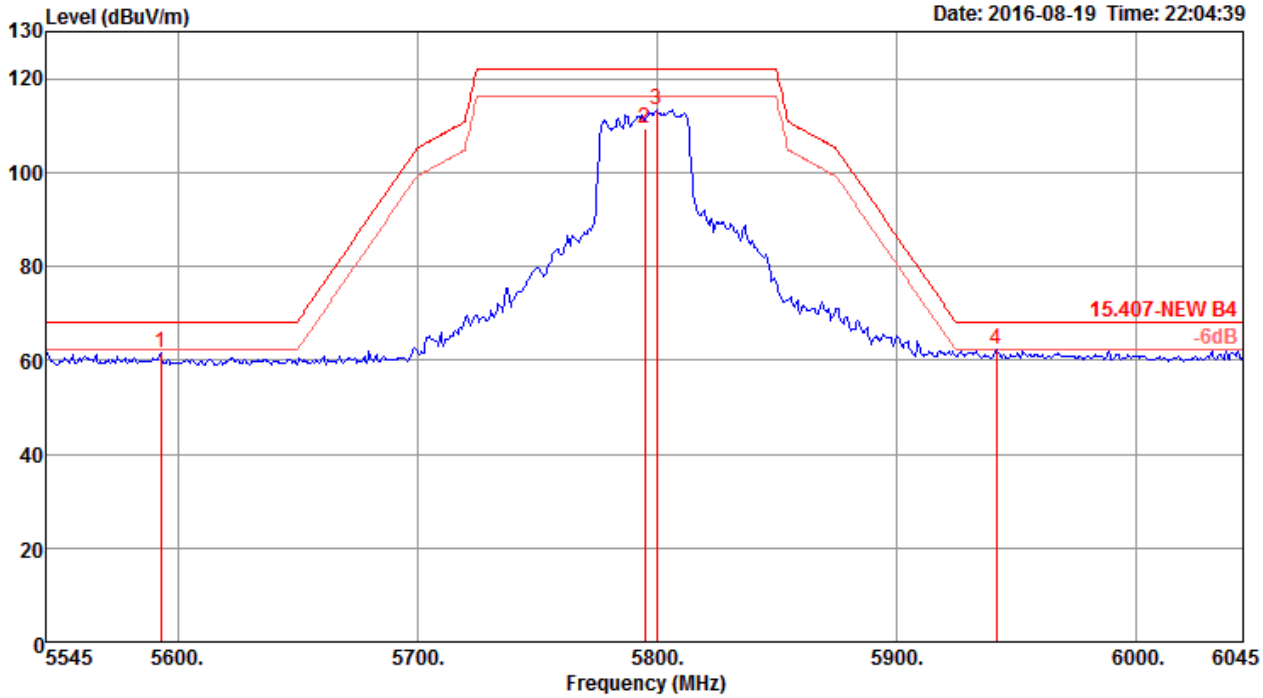
Channel 151



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5630.00	61.14	68.20	-7.06	53.51	7.93	34.20	34.50	271	4	Peak	HORIZONTAL
2	5762.00	111.88			103.95	7.85	34.60	34.52	271	4	Peak	HORIZONTAL
3	5767.00	100.85			92.93	7.85	34.60	34.53	271	4	Average	HORIZONTAL
4	5944.00	61.87	68.20	-6.33	53.54	7.74	35.15	34.56	271	4	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5755 MHz.

Channel 159

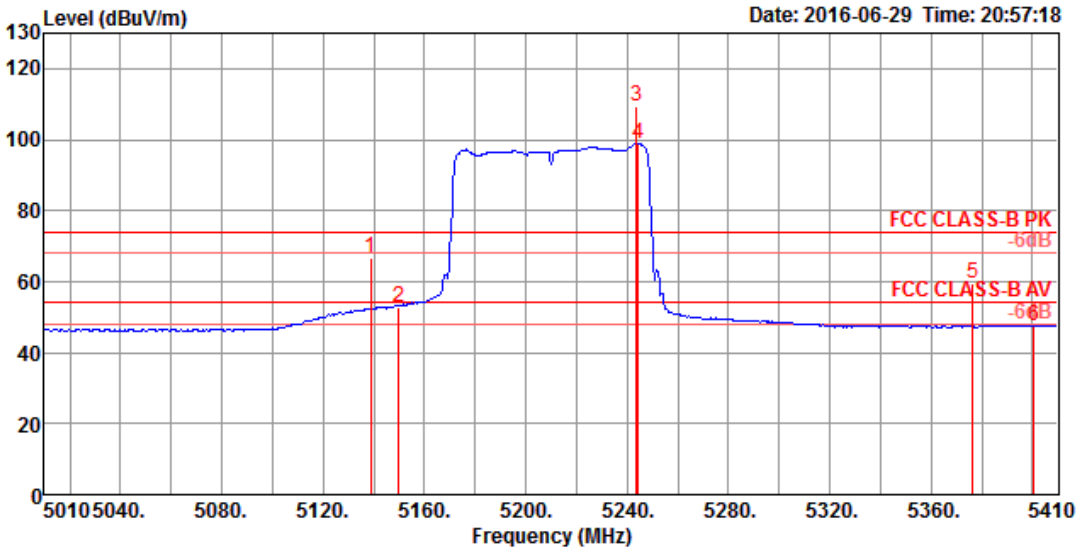


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5593.00	61.62	68.20	-6.58	54.06	7.95	34.10	34.49	273	3	Peak	HORIZONTAL
2	5795.00	109.44			101.44	7.83	34.70	34.53	273	3	Average	HORIZONTAL
3	5800.00	113.34			105.34	7.83	34.70	34.53	273	3	Peak	HORIZONTAL
4	5942.00	62.33	68.20	-5.87	54.00	7.74	35.15	34.56	273	3	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5795 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 58 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

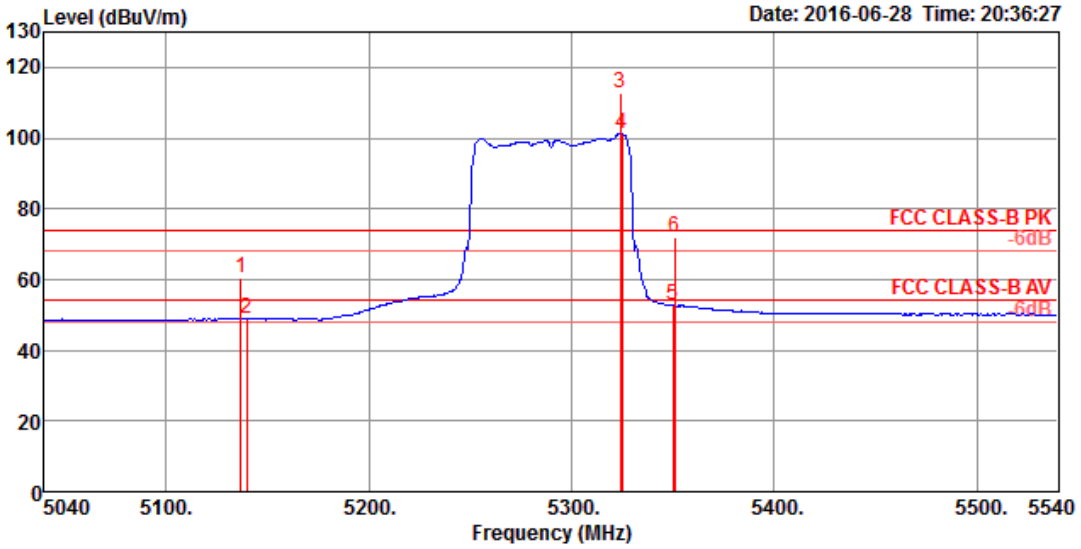
Channel 42



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5138.80	66.48	74.00	-7.52	59.30	7.32	31.51	31.65	100	64	Peak	VERTICAL
2	5150.00	52.98	54.00	-1.02	45.76	7.34	31.52	31.64	100	64	Average	VERTICAL
3 0	5243.60	109.35			101.94	7.45	31.59	31.63	100	64	Peak	VERTICAL
4 0	5244.40	98.84			91.43	7.45	31.59	31.63	100	64	Average	VERTICAL
5	5376.40	59.71	74.00	-14.29	51.99	7.64	31.70	31.62	100	64	Peak	VERTICAL
6	5400.40	47.70	54.00	-6.30	39.94	7.66	31.72	31.62	100	64	Average	VERTICAL

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

Channel 58

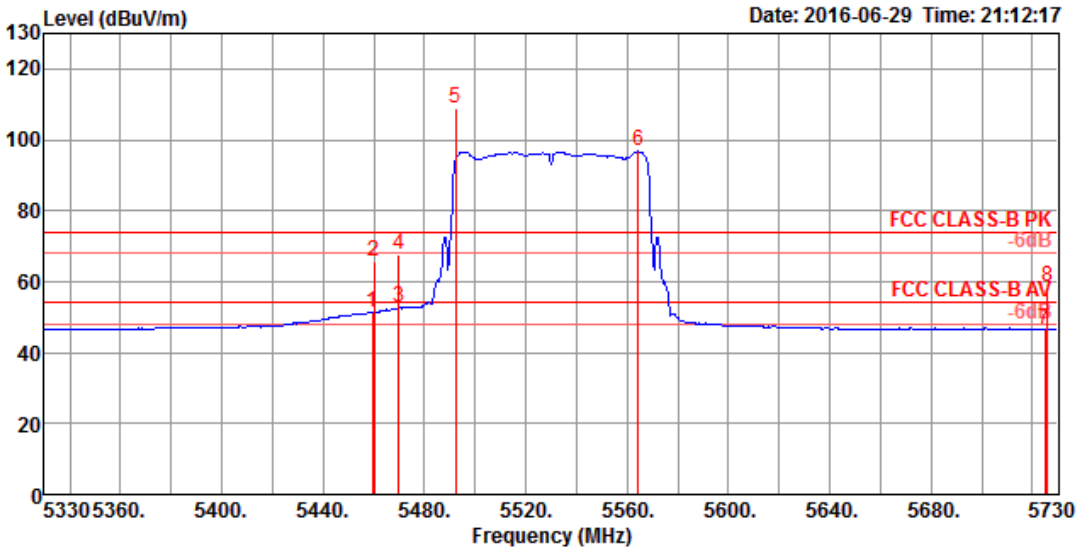


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5137.00	60.51	74.00	-13.49	53.33	7.32	31.51	31.65	105	84	Peak	VERTICAL
2	5140.00	49.00	54.00	-5.00	41.81	7.32	31.51	31.64	105	84	Average	VERTICAL
3 0	5324.00	112.87			105.25	7.58	31.67	31.63	105	84	Peak	VERTICAL
4 0	5325.00	101.17			93.55	7.58	31.67	31.63	105	84	Average	VERTICAL
5	5350.00	52.66	54.00	-1.34	45.00	7.60	31.68	31.62	105	84	Average	VERTICAL
6	5351.00	72.04	74.00	-1.96	64.38	7.60	31.68	31.62	105	84	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5290 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106, 155 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

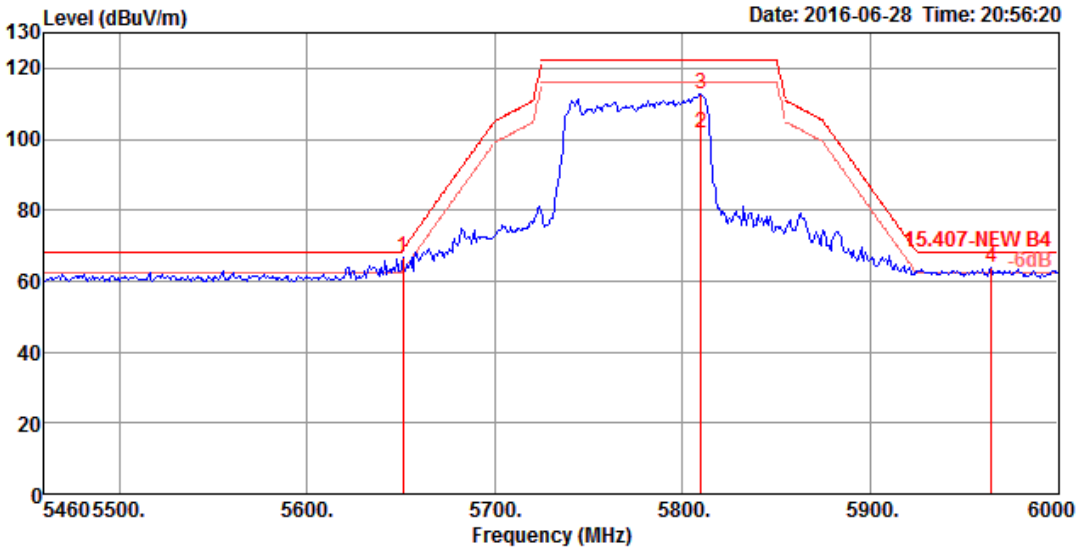
Channel 106



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5459.60	51.36	54.00	-2.64	43.57	7.64	31.76	31.61	100	291	Average	VERTICAL
2	5460.00	65.69	74.00	-8.31	57.90	7.64	31.76	31.61	100	291	Peak	VERTICAL
3	5470.00	52.61	54.00	-1.39	44.80	7.64	31.78	31.61	100	291	Average	VERTICAL
4	5470.00	67.59	74.00	-6.41	59.78	7.64	31.78	31.61	100	291	Peak	VERTICAL
5 0	5492.40	109.05			101.23	7.64	31.79	31.61	100	291	Peak	VERTICAL
6 0	5564.40	96.67			88.81	7.62	31.88	31.64	100	291	Average	VERTICAL
7	5725.00	46.65	54.00	-7.35	38.53	7.74	32.08	31.70	100	291	Average	VERTICAL
8	5726.00	58.67	74.00	-15.33	50.55	7.74	32.08	31.70	100	291	Peak	VERTICAL

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

Channel 155

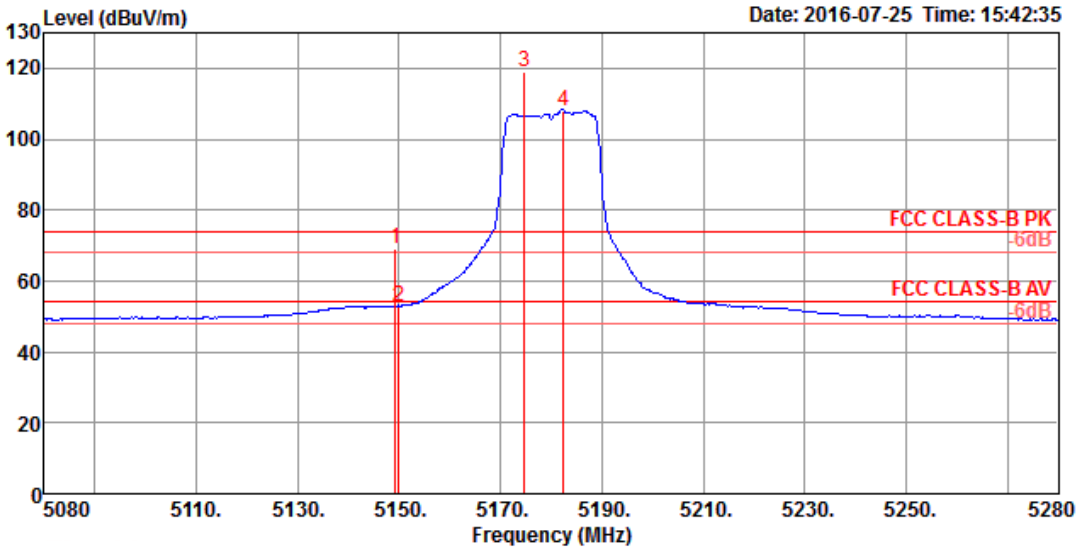


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5651.16	66.75	69.06	-2.31	58.78	7.66	31.98	31.67	277	179	Peak	VERTICAL
2	5809.92	101.80			93.54	7.82	32.18	31.74	277	179	Average	VERTICAL
3	5809.92	112.85			104.59	7.82	32.18	31.74	277	179	Peak	VERTICAL
4	5964.36	63.59	68.20	-4.61	55.12	7.91	32.36	31.80	277	179	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5775 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36, 40, 48 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

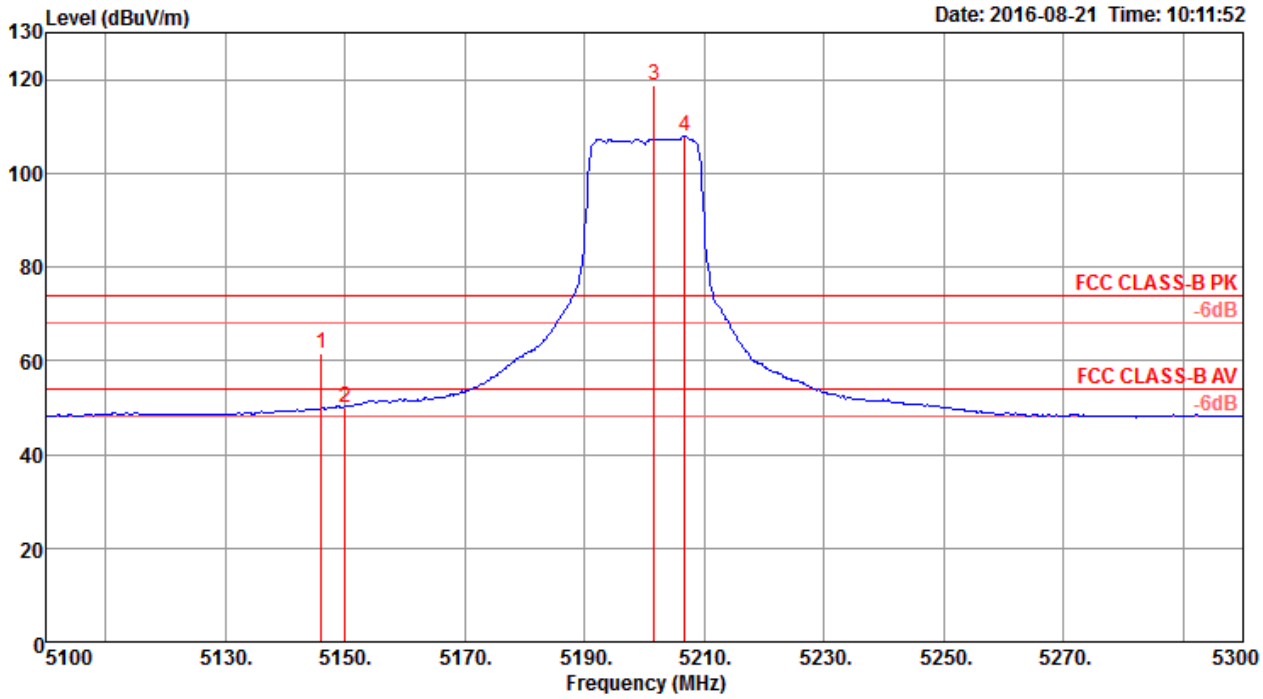
Channel 36



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.20	69.16	74.00	-4.84	64.73	7.88	33.17	36.62	100	62	Peak	VERTICAL
2	5150.00	53.00	54.00	-1.00	48.57	7.88	33.17	36.62	100	62	Average	VERTICAL
3	5174.80	118.97			114.45	7.91	33.23	36.62	100	62	Peak	VERTICAL
4	5182.40	108.15			103.63	7.91	33.23	36.62	100	62	Average	VERTICAL

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

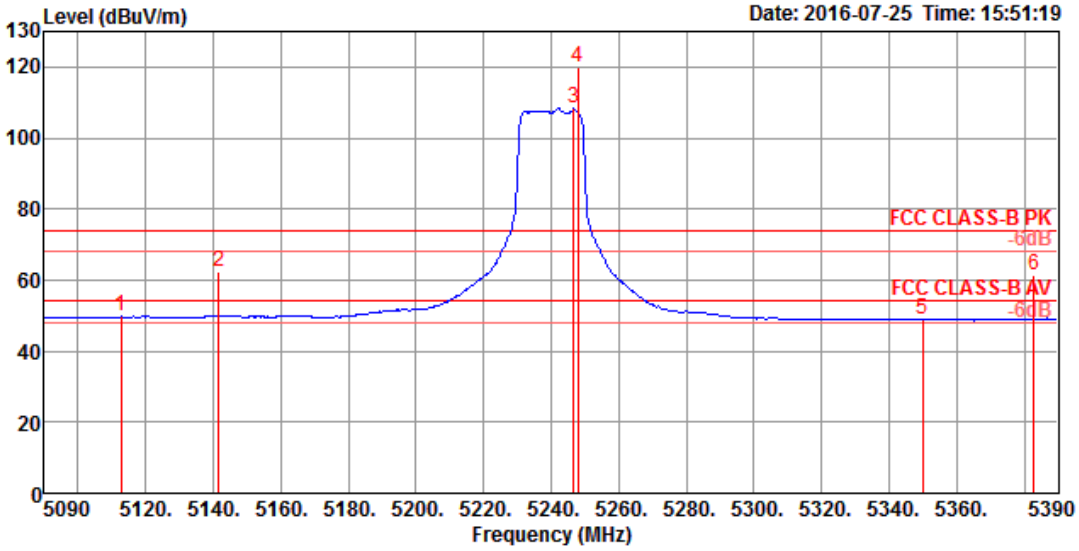
Channel 40



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5146.00	61.68	74.00	-12.32	54.94	7.90	33.31	34.47	132	73	Peak	VERTICAL
2	5150.00	50.12	54.00	-3.88	43.38	7.90	33.31	34.47	132	73	Average	VERTICAL
3	5201.60	118.90			112.00	7.97	33.40	34.47	132	73	Peak	VERTICAL
4	5206.80	108.08			101.18	7.97	33.40	34.47	132	73	Average	VERTICAL

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

Channel 48

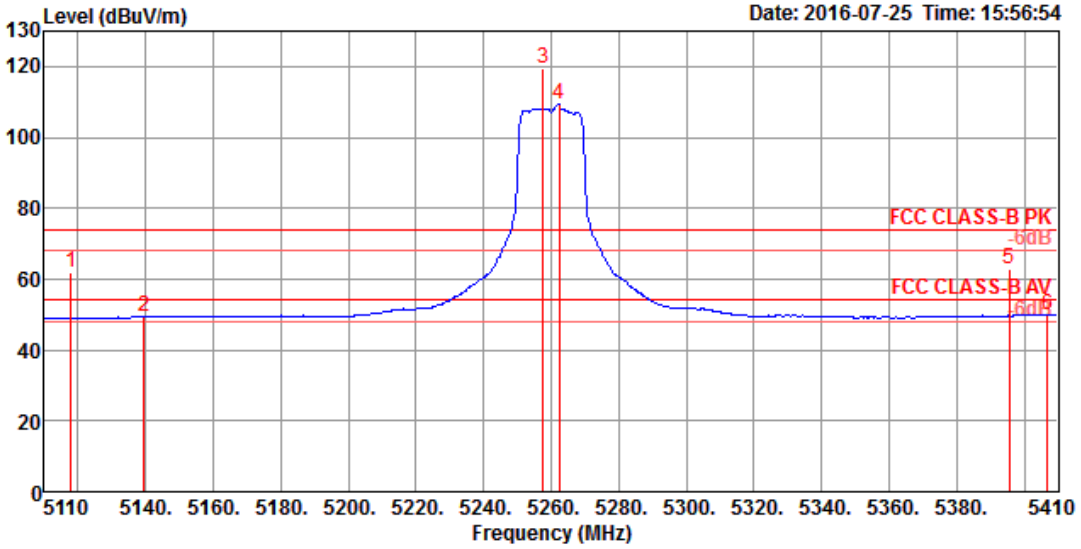


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5112.80	49.66	54.00	-4.34	45.32	7.85	33.12	36.63	101	70	Average	VERTICAL
2	5141.60	62.56	74.00	-11.44	58.16	7.87	33.15	36.62	101	70	Peak	VERTICAL
3	5246.60	108.36			103.72	7.91	33.34	36.61	101	70	Average	VERTICAL
4	5247.80	119.99			115.34	7.90	33.36	36.61	101	70	Peak	VERTICAL
5	5350.00	48.92	54.00	-5.08	44.11	7.88	33.53	36.60	101	70	Average	VERTICAL
6	5382.80	61.30	74.00	-12.70	56.45	7.87	33.58	36.60	101	70	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 52, 60, 64 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

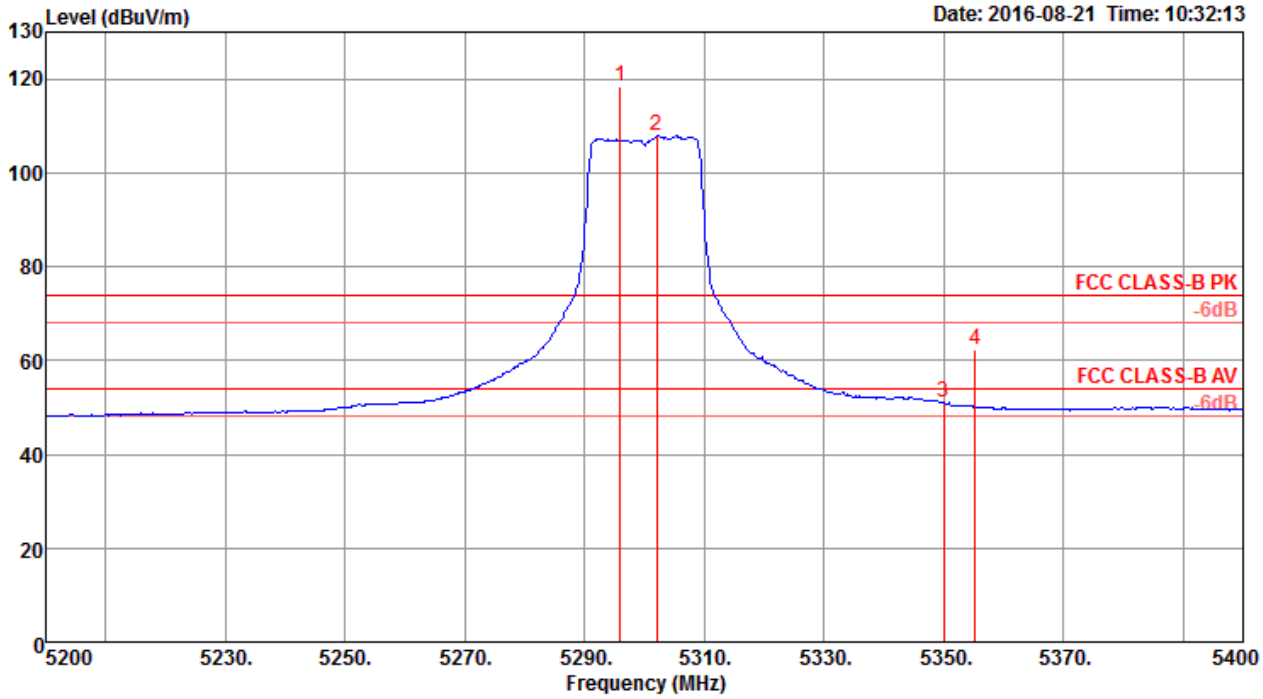
Channel 52



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5117.80	61.66	74.00	-12.34	57.32	7.85	33.12	36.63	268	5	Peak	VERTICAL
2	5139.40	49.30	54.00	-4.70	44.90	7.87	33.15	36.62	268	5	Average	VERTICAL
3	5257.60	119.58			114.93	7.90	33.36	36.61	268	5	Peak	VERTICAL
4	5262.40	109.37			104.69	7.90	33.39	36.61	268	5	Average	VERTICAL
5	5395.60	62.83	74.00	-11.17	57.95	7.87	33.61	36.60	268	5	Peak	VERTICAL
6	5407.00	49.95	54.00	-4.05	44.99	7.92	33.64	36.60	268	5	Average	VERTICAL

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

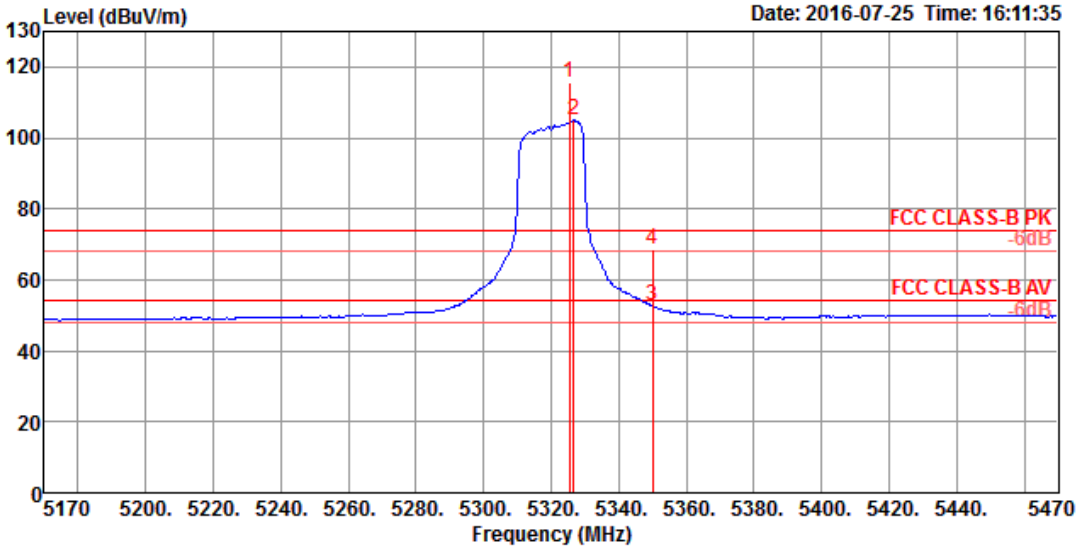
Channel 60



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5296.00	118.43			111.47	7.91	33.52	34.47	122	186	Peak	VERTICAL
2	5302.00	107.84			100.88	7.91	33.52	34.47	122	186	Average	VERTICAL
3	5350.00	51.02	54.00	-2.98	44.01	7.89	33.59	34.47	122	186	Average	VERTICAL
4	5355.20	62.18	74.00	-11.82	55.16	7.88	33.61	34.47	122	186	Peak	VERTICAL

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

Channel 64

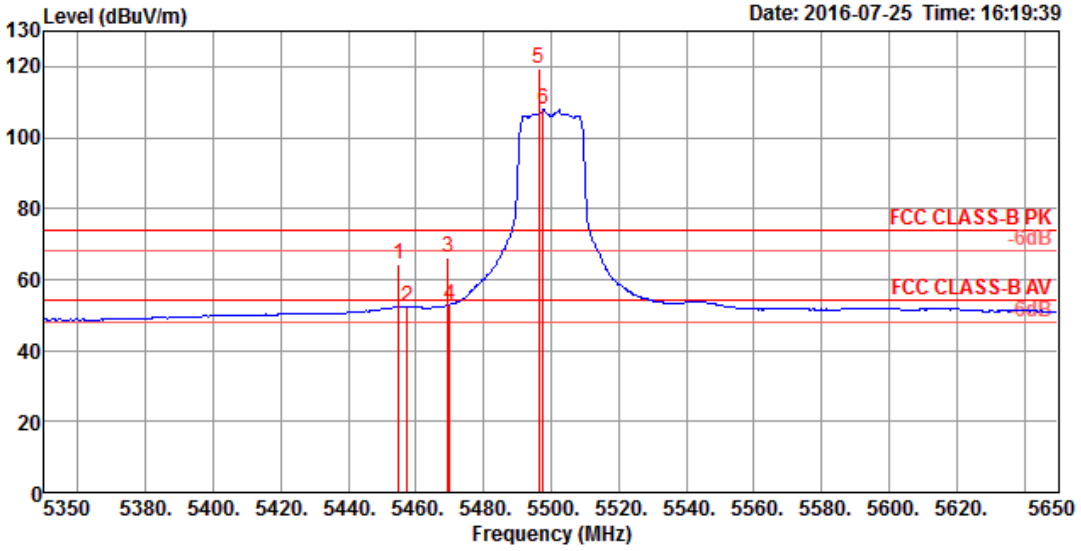


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5325.40	115.55			110.77	7.89	33.50	36.61	299	360	Peak	HORIZONTAL
2	5326.60	105.27			100.49	7.89	33.50	36.61	299	360	Average	HORIZONTAL
3	5350.00	52.75	54.00	-1.25	47.94	7.88	33.53	36.60	299	360	Average	HORIZONTAL
4	5350.00	68.49	74.00	-5.51	63.68	7.88	33.53	36.60	299	360	Peak	HORIZONTAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 100, 116, 140 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

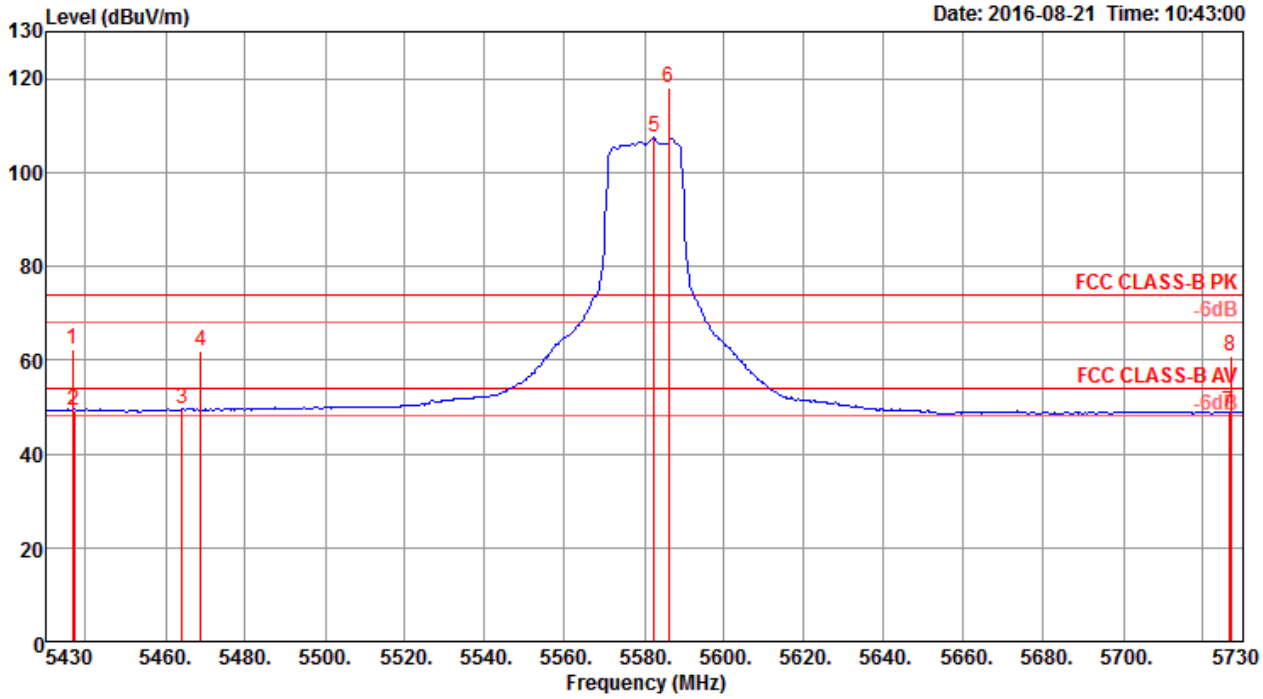
Channel 100



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5455.00	64.44	74.00	-9.56	59.26	8.05	33.72	36.59	124	352	Peak	VERTICAL
2	5457.40	52.36	54.00	-1.64	47.18	8.05	33.72	36.59	124	352	Average	VERTICAL
3	5469.40	66.09	74.00	-7.91	60.83	8.10	33.75	36.59	124	352	Peak	VERTICAL
4	5470.00	52.85	54.00	-1.15	47.59	8.10	33.75	36.59	124	352	Average	VERTICAL
5	5496.40	119.24			113.84	8.19	33.80	36.59	124	352	Peak	VERTICAL
6	5497.60	107.71			102.31	8.19	33.80	36.59	124	352	Average	VERTICAL

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

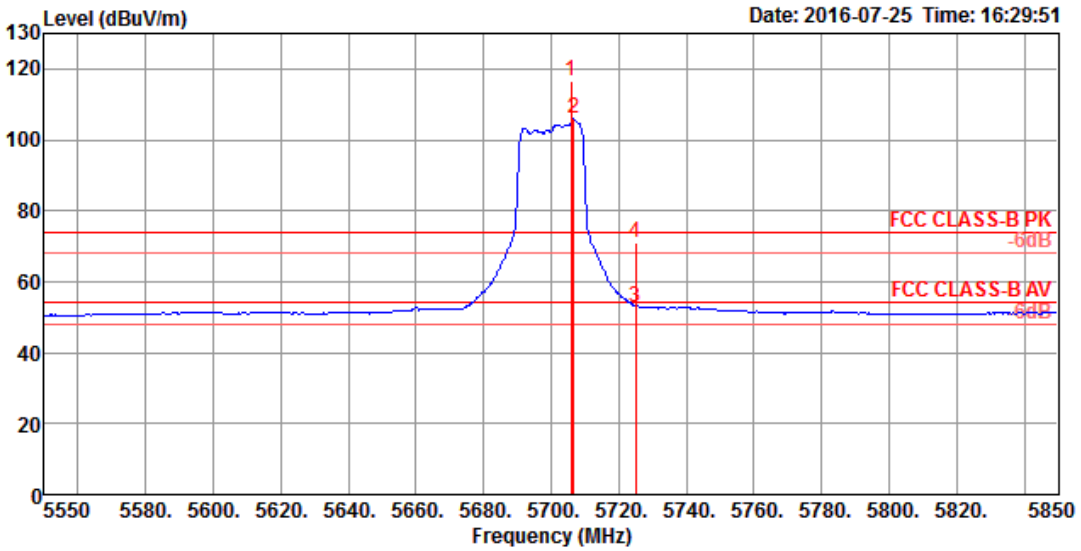
Channel 116



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5436.60	62.14	74.00	-11.86	55.01	7.88	33.72	34.47	108	58	Peak	VERTICAL
2	5437.20	49.43	54.00	-4.57	42.30	7.88	33.72	34.47	108	58	Average	VERTICAL
3	5464.20	49.63	54.00	-4.37	42.44	7.90	33.76	34.47	108	58	Average	VERTICAL
4	5468.80	62.00	74.00	-12.00	54.81	7.90	33.76	34.47	108	58	Peak	VERTICAL
5	5582.40	107.40			99.90	7.94	34.05	34.49	108	58	Average	VERTICAL
6	5586.00	118.23			110.73	7.94	34.05	34.49	108	58	Peak	VERTICAL
7	5726.40	49.00	54.00	-5.00	41.15	7.87	34.50	34.52	108	58	Average	VERTICAL
8	5727.00	61.00	74.00	-13.00	53.15	7.87	34.50	34.52	108	58	Peak	VERTICAL

Item 5, 6 are the fundamental frequency at 5580 MHz.

Channel 140

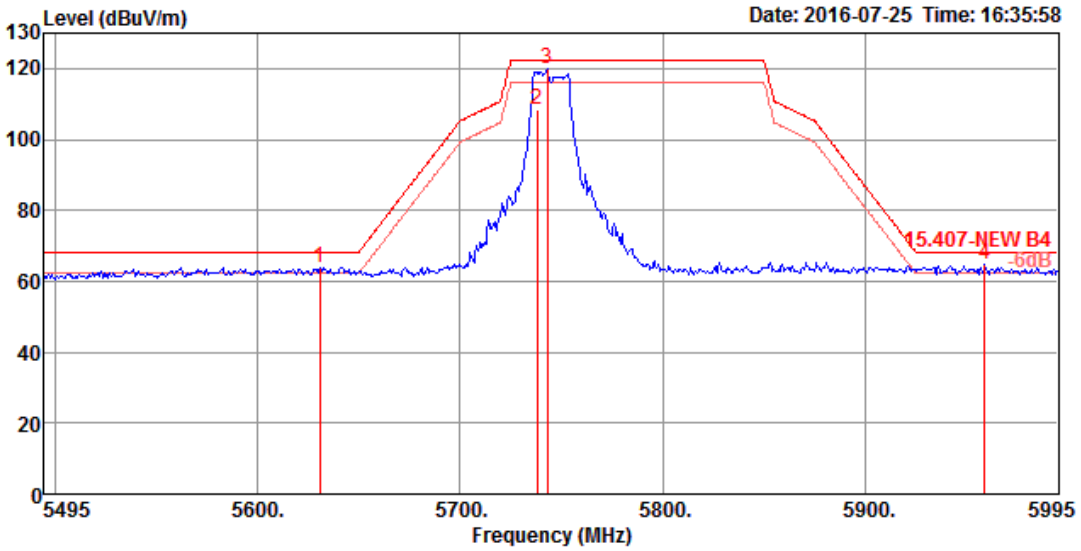


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5706.00	116.67			110.35	8.43	34.41	36.52	121	346	Peak	VERTICAL
2	5706.60	105.88			99.56	8.43	34.41	36.52	121	346	Average	VERTICAL
3	5725.00	52.99	54.00	-1.01	46.64	8.42	34.45	36.52	121	346	Average	VERTICAL
4	5725.00	71.00	74.00	-3.00	64.65	8.42	34.45	36.52	121	346	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149, 157, 165 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

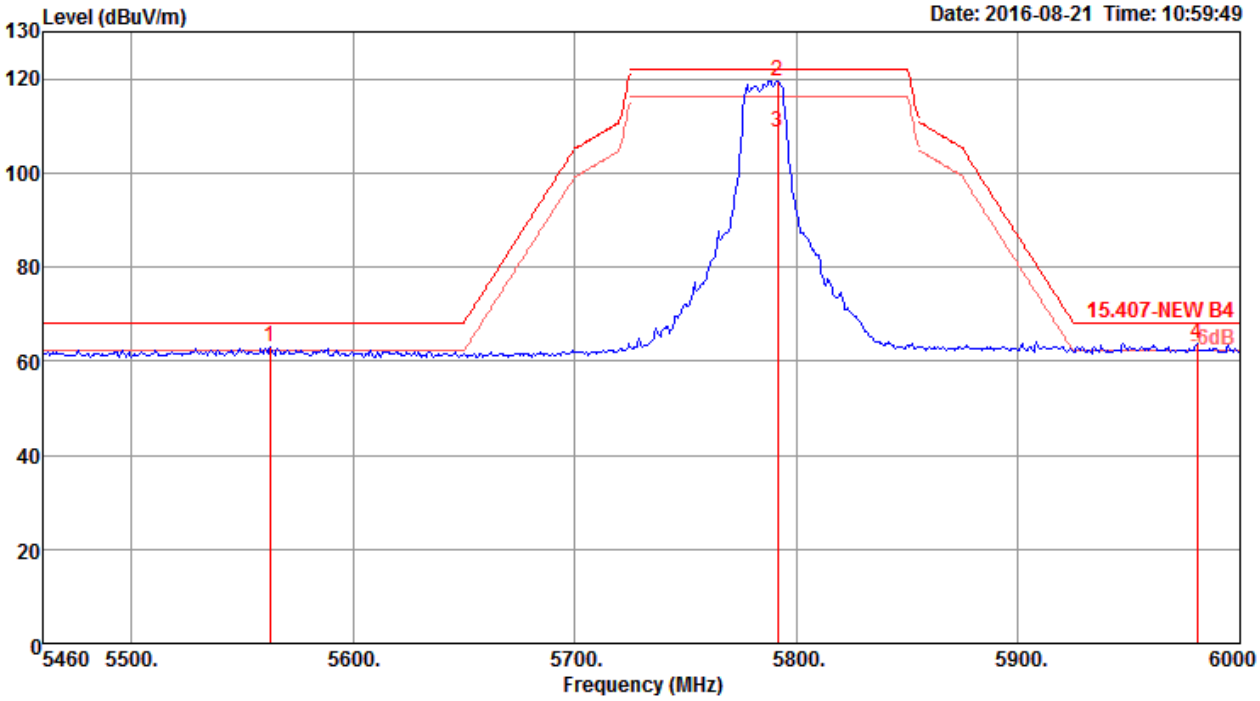
Channel 149



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5631.00	63.87	68.20	-4.33	57.79	8.46	34.17	36.55	260	349	Peak	VERTICAL
2	5738.00	108.53			102.17	8.42	34.45	36.51	260	349	Average	VERTICAL
3	5743.00	119.82			113.41	8.42	34.50	36.51	260	349	Peak	VERTICAL
4	5959.00	64.73	68.20	-3.47	57.69	8.37	35.11	36.44	260	349	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5745 MHz.

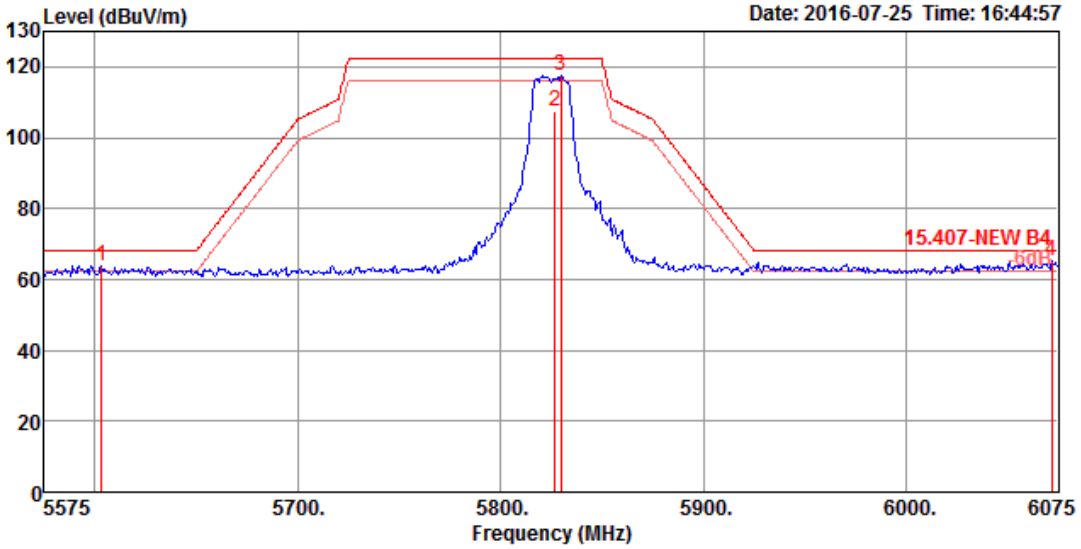
Channel 157



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5562.60	62.92	68.20	-5.28	55.46	7.94	34.00	34.48	111	45	Peak	HORIZONTAL
2	5791.56	119.61			111.61	7.83	34.70	34.53	111	45	Peak	HORIZONTAL
3	5791.56	108.56			100.56	7.83	34.70	34.53	111	45	Average	HORIZONTAL
4	5980.56	63.88	68.20	-4.32	55.48	7.72	35.25	34.57	111	45	Peak	HORIZONTAL

Item 2, 3 are the fundamental frequency at 5785 MHz.

Channel 165

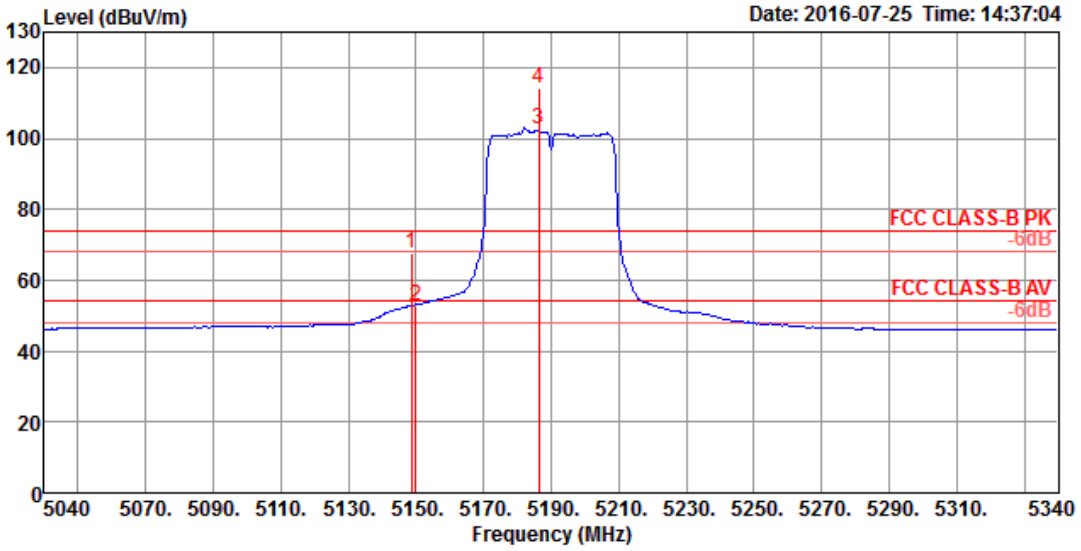


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5603.00	63.92	68.20	-4.28	57.92	8.47	34.08	36.55	234	347	Peak	VERTICAL
2	5827.00	107.50			100.86	8.39	34.73	36.48	234	347	Average	VERTICAL
3	5830.00	117.39			110.75	8.39	34.73	36.48	234	347	Peak	VERTICAL
4	6072.00	65.11	68.20	-3.09	57.65	8.59	35.29	36.42	234	347	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5825 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38, 46 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

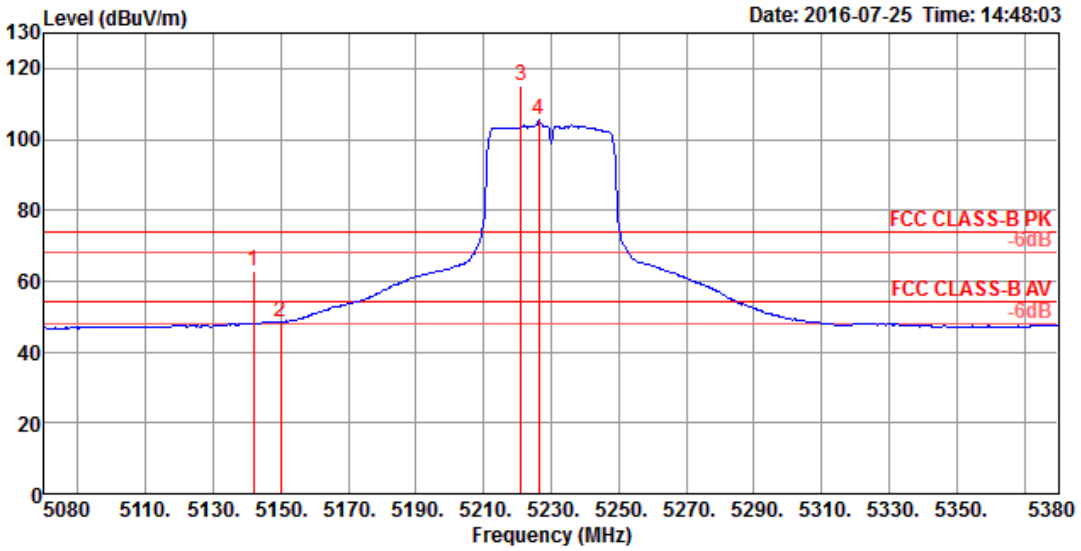
Channel 38



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5148.60	67.54	74.00	-6.46	63.11	7.88	33.17	36.62	104	61	Peak	VERTICAL
2	5150.00	52.86	54.00	-1.14	48.43	7.88	33.17	36.62	104	61	Average	VERTICAL
3	5186.40	102.76			98.24	7.91	33.23	36.62	104	61	Average	VERTICAL
4	5186.40	114.26			109.74	7.91	33.23	36.62	104	61	Peak	VERTICAL

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

Channel 46

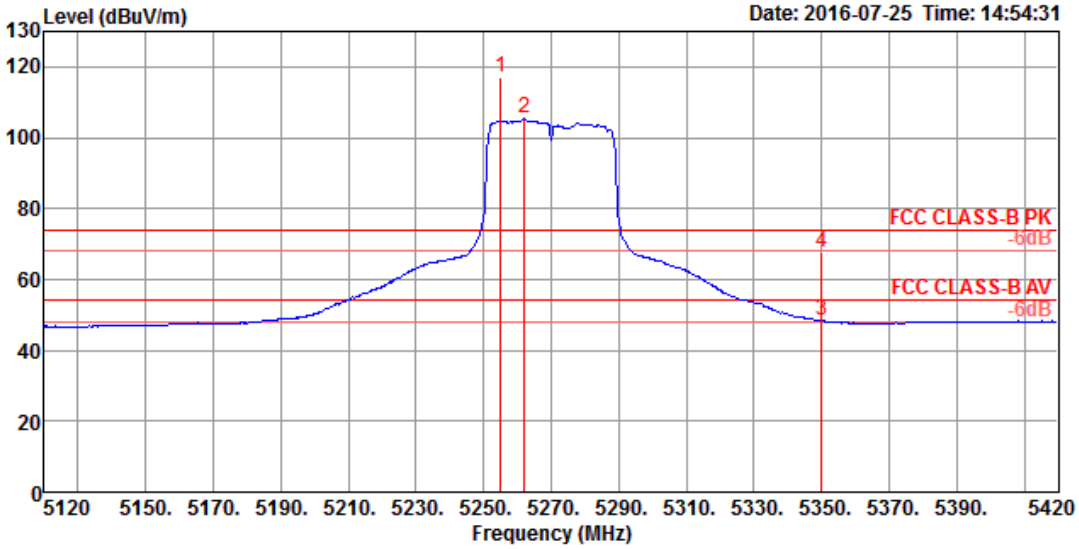


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5141.80	63.00	74.00	-11.00	58.57	7.88	33.17	36.62	244	2	Peak	VERTICAL
2	5150.00	48.41	54.00	-5.59	43.98	7.88	33.17	36.62	244	2	Average	VERTICAL
3	5221.00	114.98			110.38	7.91	33.31	36.62	244	2	Peak	VERTICAL
4	5226.40	105.37			100.77	7.91	33.31	36.62	244	2	Average	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 54, 62 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

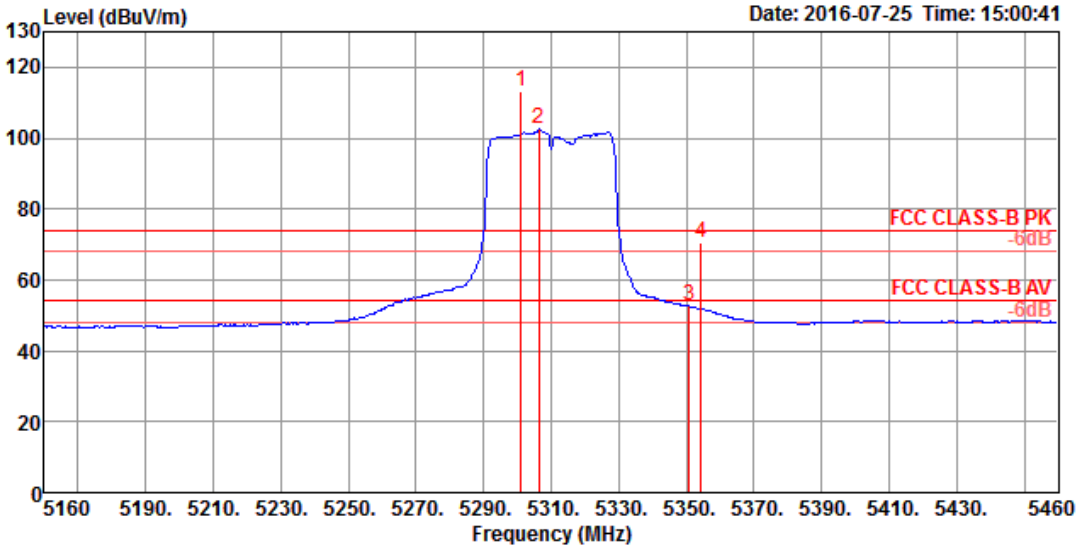
Channel 54



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5255.00	116.95			112.30	7.90	33.36	36.61	267	2	Peak	VERTICAL
2	5262.20	105.77			101.09	7.90	33.39	36.61	267	2	Average	VERTICAL
3	5350.00	48.52	54.00	-5.48	43.71	7.88	33.53	36.60	267	2	Average	VERTICAL
4	5350.00	67.81	74.00	-6.19	63.00	7.88	33.53	36.60	267	2	Peak	VERTICAL

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

Channel 62

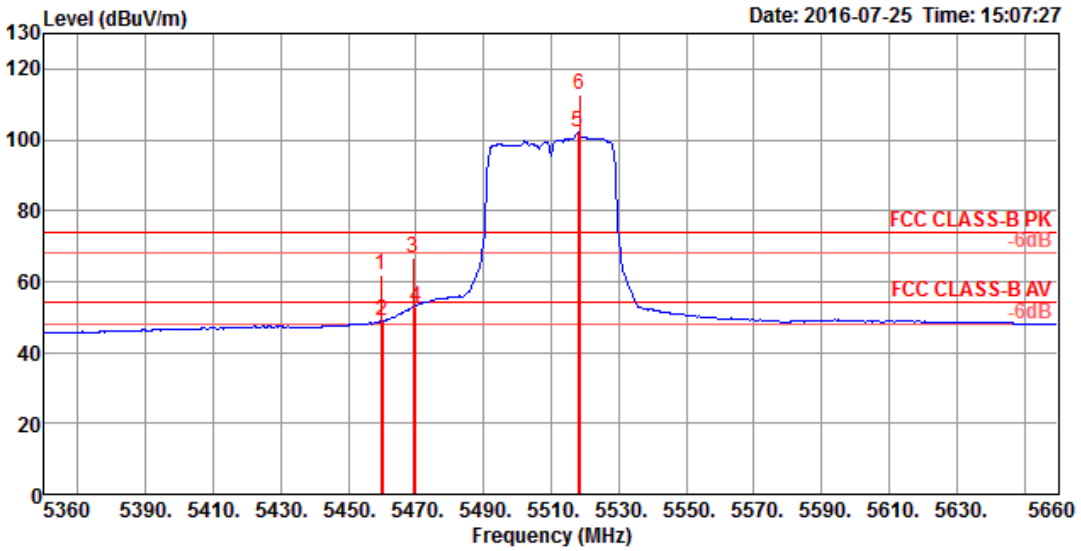


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5301.00	113.18			108.45	7.89	33.45	36.61	230	53	Peak	VERTICAL
2	5306.40	102.54			97.81	7.89	33.45	36.61	230	53	Average	VERTICAL
3	5350.80	52.62	54.00	-1.38	47.81	7.88	33.53	36.60	230	53	Average	VERTICAL
4	5354.40	70.56	74.00	-3.44	65.73	7.88	33.55	36.60	230	53	Peak	VERTICAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 102, 110, 134 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

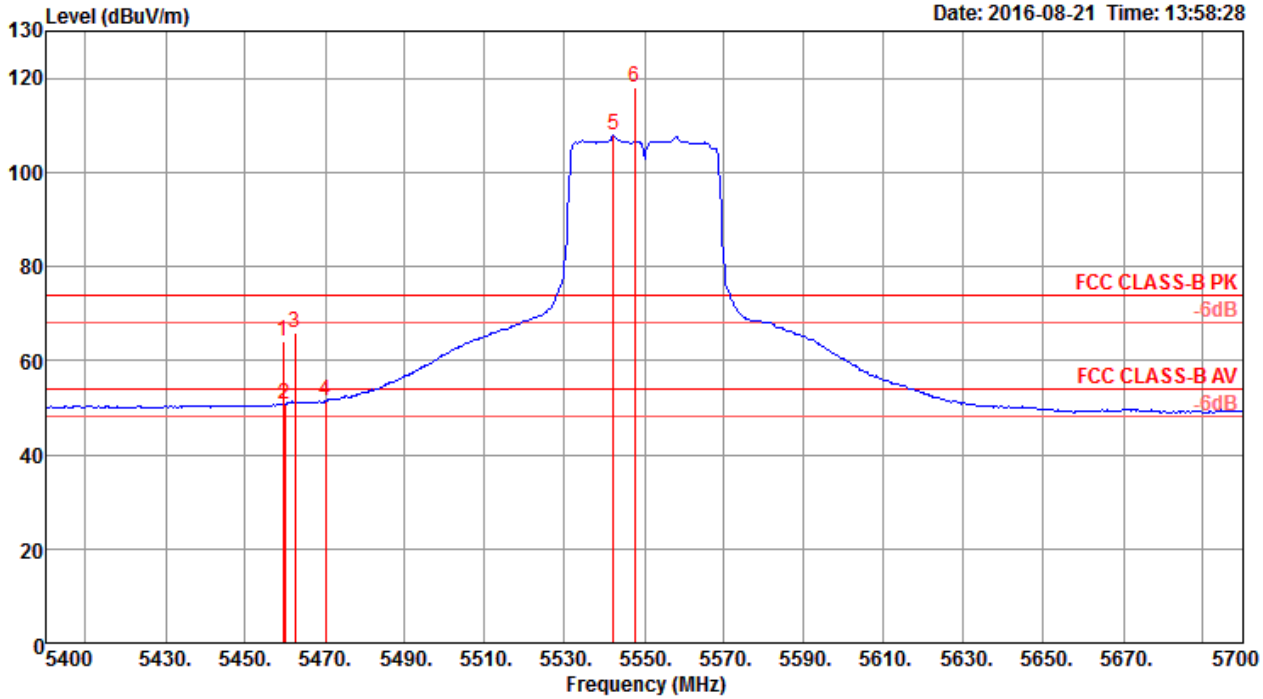
Channel 102



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5459.60	62.02	74.00	-11.98	56.84	8.05	33.72	36.59	266	351	Peak	VERTICAL
2	5460.00	49.00	54.00	-5.00	43.82	8.05	33.72	36.59	266	351	Average	VERTICAL
3	5469.20	66.89	74.00	-7.11	61.63	8.10	33.75	36.59	266	351	Peak	VERTICAL
4	5470.00	52.87	54.00	-1.13	47.61	8.10	33.75	36.59	266	351	Average	VERTICAL
5	5517.80	101.99			96.48	8.24	33.85	36.58	266	351	Average	VERTICAL
6	5518.40	112.81			107.30	8.24	33.85	36.58	266	351	Peak	VERTICAL

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

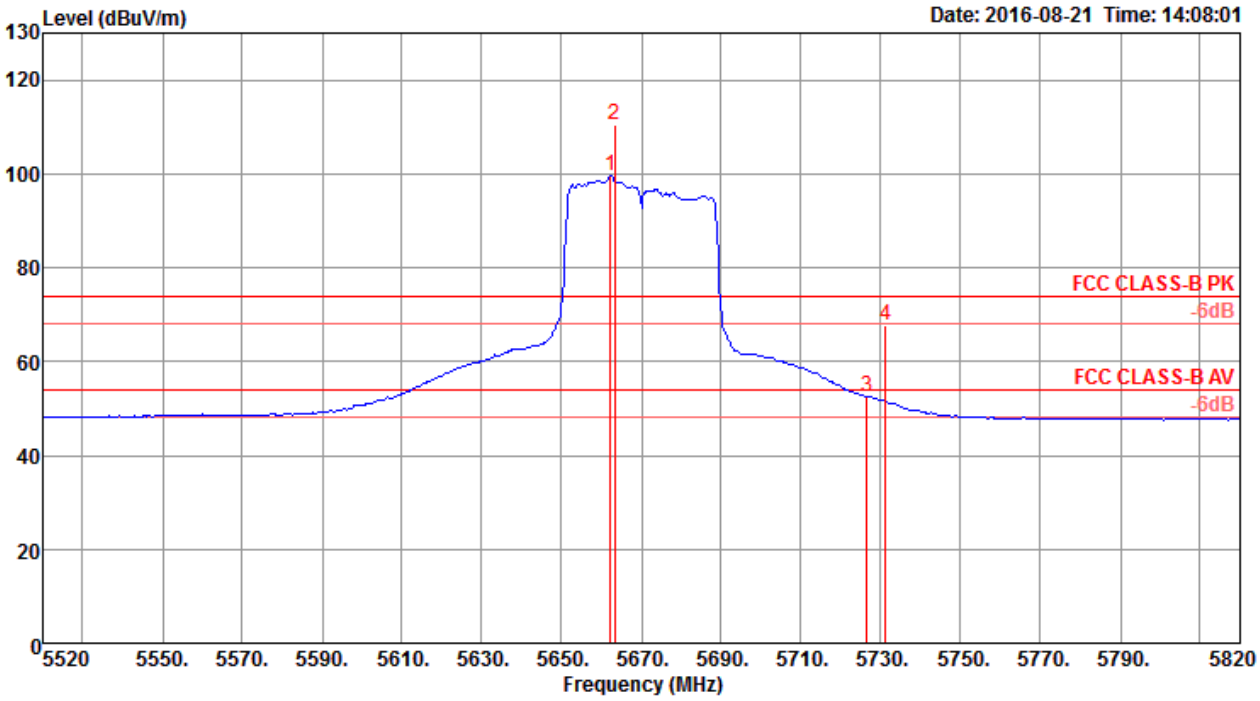
Channel 110



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5459.40	64.25	74.00	-9.75	57.09	7.89	33.74	34.47	114	189	Peak	VERTICAL
2	5460.00	50.78	54.00	-3.22	43.62	7.89	33.74	34.47	114	189	Average	VERTICAL
3	5462.40	66.04	74.00	-7.96	58.88	7.89	33.74	34.47	114	189	Peak	VERTICAL
4	5470.00	51.31	54.00	-2.69	44.12	7.90	33.76	34.47	114	189	Average	VERTICAL
5	5542.20	107.73			100.39	7.92	33.90	34.48	114	189	Average	VERTICAL
6	5547.60	118.16			110.76	7.93	33.95	34.48	114	189	Peak	VERTICAL

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

Channel 134

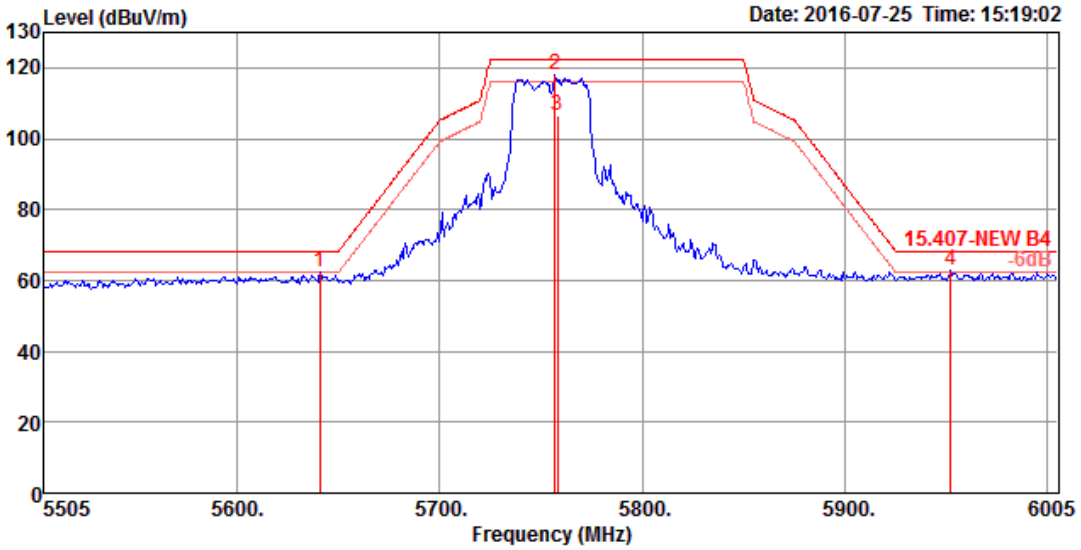


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5662.20	99.62			91.91	7.91	34.30	34.50	239	70	Average	HORIZONTAL
2	5663.40	110.44			102.73	7.91	34.30	34.50	239	70	Peak	HORIZONTAL
3	5726.40	52.48	54.00	-1.52	44.63	7.87	34.50	34.52	239	70	Average	HORIZONTAL
4	5731.20	67.68	74.00	-6.32	59.83	7.87	34.50	34.52	239	70	Peak	HORIZONTAL

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

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151, 159 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

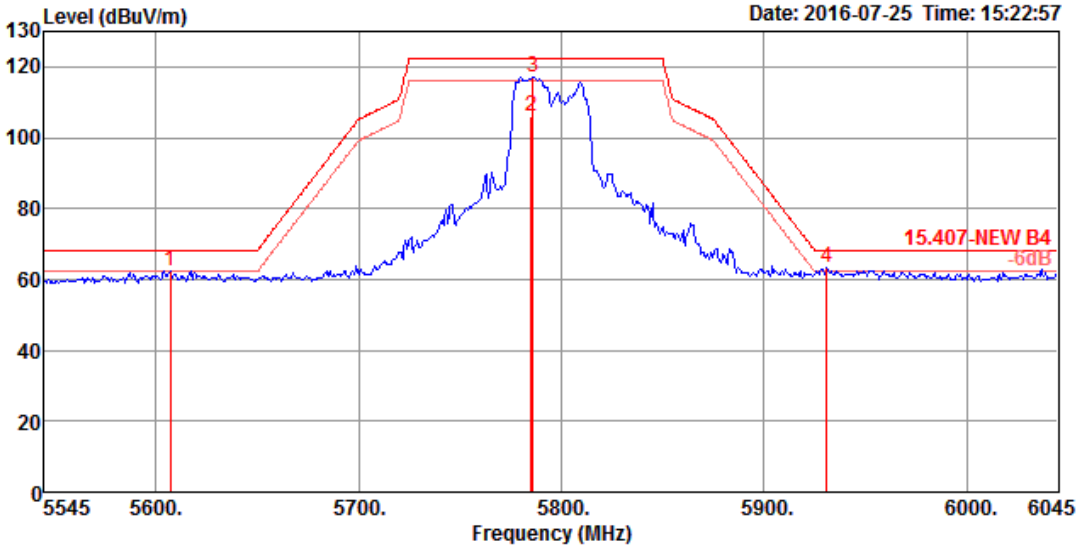
Channel 151



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5641.00	62.59	68.20	-5.61	56.46	8.45	34.22	36.54	246	173	Peak	VERTICAL
2	5757.00	118.00			111.55	8.41	34.55	36.51	246	173	Peak	VERTICAL
3	5758.00	106.47			100.02	8.41	34.55	36.51	246	173	Average	VERTICAL
4	5952.00	62.73	68.20	-5.47	55.75	8.37	35.06	36.45	246	173	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5755 MHz.

Channel 159

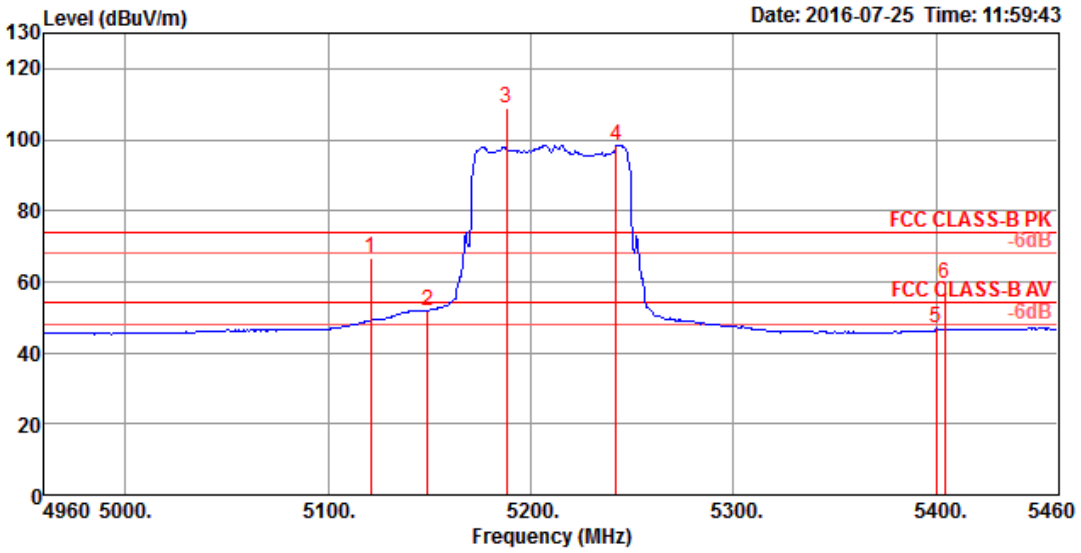


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5607.00	62.38	68.20	-5.82	56.38	8.47	34.08	36.55	245	350	Peak	VERTICAL
2	5785.00	105.78			99.28	8.41	34.59	36.50	245	350	Average	VERTICAL
3	5786.00	117.13			110.63	8.41	34.59	36.50	245	350	Peak	VERTICAL
4	5931.00	63.53	68.20	-4.67	56.60	8.37	35.01	36.45	245	350	Peak	VERTICAL

Item 2, 3 are the fundamental frequency at 5795 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42, 58 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

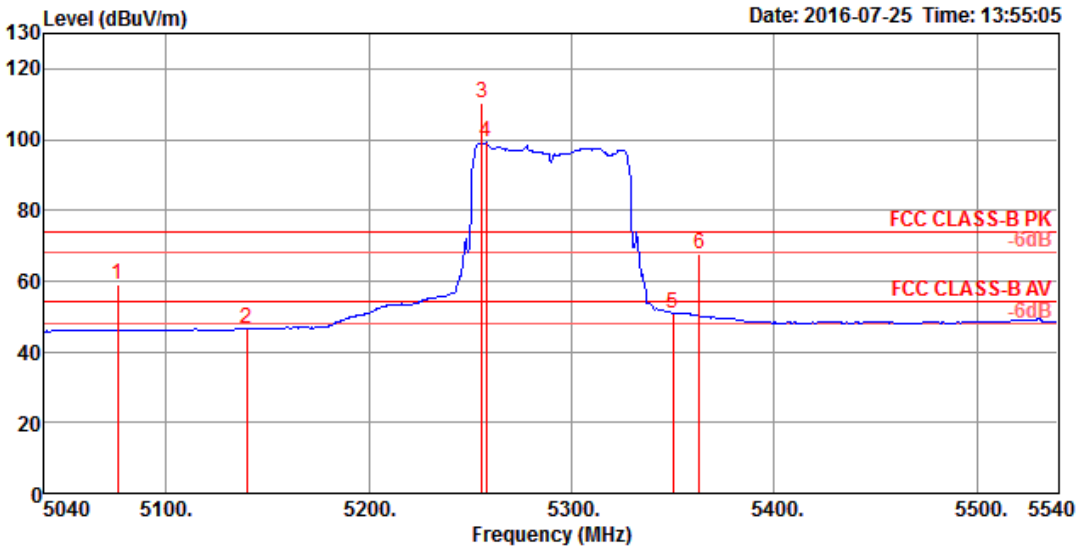
Channel 42



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5120.99	66.49	74.00	-7.51	62.15	7.85	33.12	36.63	104	60	Peak	VERTICAL
2	5148.99	52.02	54.00	-1.98	47.59	7.88	33.17	36.62	104	60	Average	VERTICAL
3	5187.99	108.77			104.22	7.92	33.25	36.62	104	60	Peak	VERTICAL
4	5241.99	98.48			93.84	7.91	33.34	36.61	104	60	Average	VERTICAL
5	5399.99	46.88	54.00	-7.12	42.00	7.87	33.61	36.60	104	60	Average	VERTICAL
6	5403.99	59.40	74.00	-14.60	54.44	7.92	33.64	36.60	104	60	Peak	VERTICAL

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

Channel 58

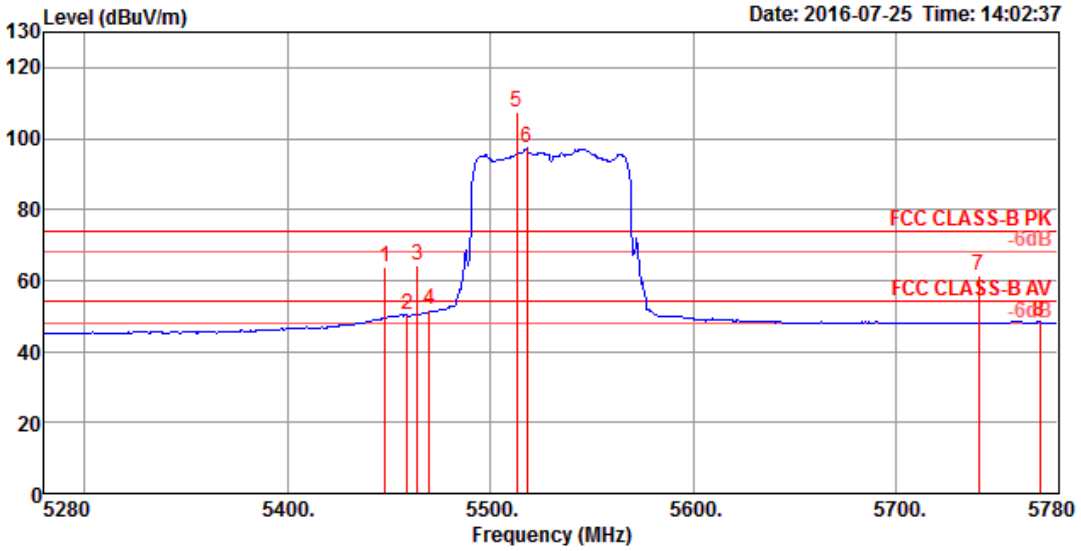


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5076.00	58.84	74.00	-15.16	54.61	7.82	33.04	36.63	259	360	Peak	VERTICAL
2	5140.00	46.58	54.00	-7.42	42.18	7.87	33.15	36.62	259	360	Average	VERTICAL
3	5256.00	110.48			105.83	7.90	33.36	36.61	259	360	Peak	VERTICAL
4	5258.00	99.16			94.51	7.90	33.36	36.61	259	360	Average	VERTICAL
5	5350.00	50.90	54.00	-3.10	46.09	7.88	33.53	36.60	259	360	Average	VERTICAL
6	5363.00	67.63	74.00	-6.37	62.80	7.88	33.55	36.60	259	360	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5290 MHz.

Temperature	22°C	Humidity	54%
Test Engineer	Kenneth Huang	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 106, 155 / Antenna 1 + Antenna 2 + Antenna 3 + Antenna 4

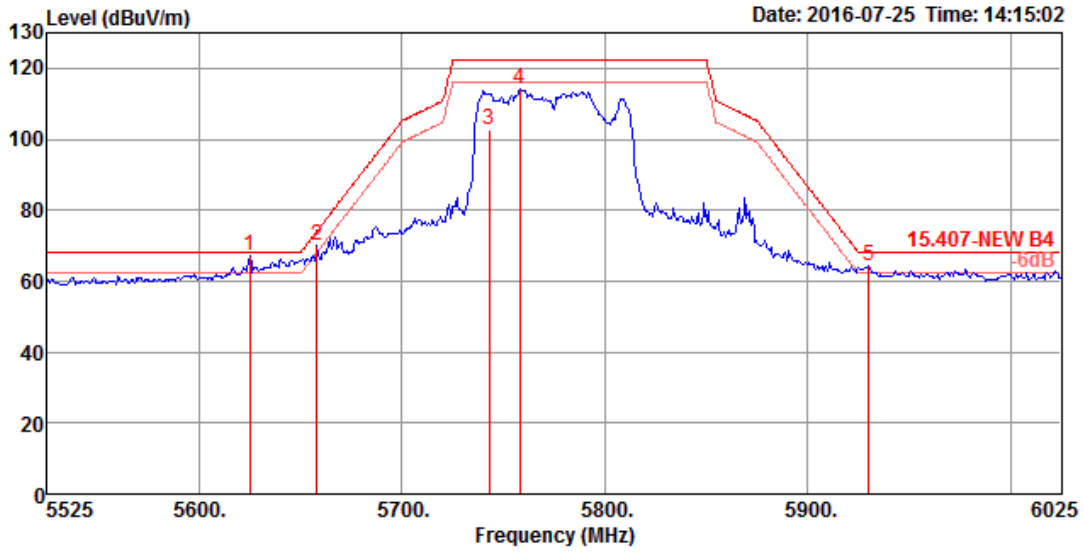
Channel 106



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5448.00	63.99	74.00	-10.01	58.82	8.05	33.72	36.60	283	353	Peak	VERTICAL
2	5459.00	50.51	54.00	-3.49	45.33	8.05	33.72	36.59	283	353	Average	VERTICAL
3	5464.00	64.43	74.00	-9.57	59.17	8.10	33.75	36.59	283	353	Peak	VERTICAL
4	5470.00	51.68	54.00	-2.32	46.42	8.10	33.75	36.59	283	353	Average	VERTICAL
5	5513.00	107.52			102.01	8.24	33.85	36.58	283	353	Peak	VERTICAL
6	5518.00	97.39			91.88	8.24	33.85	36.58	283	353	Average	VERTICAL
7	5741.00	61.32	74.00	-12.68	54.91	8.42	34.50	36.51	283	353	Peak	VERTICAL
8	5771.00	48.54	54.00	-5.46	42.08	8.41	34.55	36.50	283	353	Average	VERTICAL

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

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5625.00	66.97	68.20	-1.23	60.89	8.46	34.17	36.55	274	344	Peak	VERTICAL
2	5658.00	70.14	74.14	-4.00	63.96	8.45	34.27	36.54	274	344	Peak	VERTICAL
3	5743.00	102.50			96.09	8.42	34.50	36.51	274	344	Average	VERTICAL
4	5758.00	114.15			107.70	8.41	34.55	36.51	274	344	Peak	VERTICAL
5	5930.00	64.18	68.20	-4.02	57.25	8.37	35.01	36.45	274	344	Peak	VERTICAL

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

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

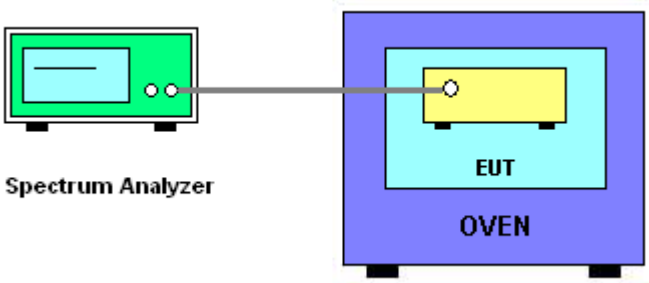
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

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. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 10^6 ppm and the limit is less than ±20ppm (IEEE 802.11nspecification).
6. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
7. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
8. Extreme temperature is 0°C~40°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	50%
Test Engineer	Eddie Weng	Test Date	Aug. 30, 2016 ~ Sep. 09, 2016

Mode: 20 MHz / Antenna 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9734	5199.9731	5199.9722	5199.9721
110.00	5199.9726	5199.9717	5199.9715	5199.9713
93.50	5199.9723	5199.9719	5199.9716	5199.9706
Max. Deviation (MHz)	0.0277	0.0283	0.0285	0.0294
Max. Deviation (ppm)	5.33	5.44	5.48	5.65
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9704	5199.9701	5199.9694	5199.9689
10	5199.9724	5199.9717	5199.9708	5199.9707
20	5199.9726	5199.9724	5199.9719	5199.9713
30	5199.9742	5199.9741	5199.9731	5199.9721
40	5199.9754	5199.9747	5199.9745	5199.9744
Max. Deviation (MHz)	0.0296	0.0299	0.0306	0.0311
Max. Deviation (ppm)	5.69	5.75	5.88	5.98
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9733	5299.9726	5299.9720	5299.9710
110.00	5299.9726	5299.9722	5299.9715	5299.9712
93.50	5299.9725	5299.9718	5299.9708	5299.9707
Max. Deviation (MHz)	0.0275	0.0282	0.0292	0.0293
Max. Deviation (ppm)	5.19	5.32	5.51	5.53
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5299.9706	5299.9701	5299.9695	5299.9686
10	5299.9722	5299.9717	5299.9715	5299.9706
20	5299.9726	5299.9720	5299.9713	5299.9710
30	5299.9742	5299.9737	5299.9734	5299.9733
40	5299.9743	5299.9742	5299.9740	5299.9737
Max. Deviation (MHz)	0.0294	0.0299	0.0305	0.0314
Max. Deviation (ppm)	5.55	5.64	5.75	5.92
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9732	5579.9724	5579.9715	5579.9713
110.00	5579.9726	5579.9724	5579.9722	5579.9720
93.50	5579.9720	5579.9718	5579.9717	5579.9714
Max. Deviation (MHz)	0.0280	0.0282	0.0285	0.0287
Max. Deviation (ppm)	5.02	5.05	5.11	5.14
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5579.9703	5579.9701	5579.9692	5579.9684
10	5579.9707	5579.9698	5579.9694	5579.9689
20	5579.9726	5579.9721	5579.9712	5579.9703
30	5579.9742	5579.9737	5579.9727	5579.9717
40	5579.9758	5579.9748	5579.9746	5579.9744
Max. Deviation (MHz)	0.0297	0.0302	0.0308	0.0316
Max. Deviation (ppm)	5.32	5.41	5.52	5.66
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9727	5784.9718	5784.9713	5784.9709
110.00	5784.9726	5784.9724	5784.9720	5784.9712
93.50	5784.9725	5784.9719	5784.9713	5784.9711
Max. Deviation (MHz)	0.0275	0.0282	0.0287	0.0291
Max. Deviation (ppm)	4.75	4.87	4.96	5.03
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9702	5784.9693	5784.9690	5784.9681
10	5784.9717	5784.9714	5784.9710	5784.9705
20	5784.9726	5784.9721	5784.9717	5784.9716
30	5784.9742	5784.9740	5784.9737	5784.9736
40	5784.9753	5784.9747	5784.9741	5784.9734
Max. Deviation (MHz)	0.0298	0.0307	0.0310	0.0319
Max. Deviation (ppm)	5.15	5.31	5.36	5.51
Result	Complies			

Mode: 40 MHz / Antenna 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9735	5189.9726	5189.9716	5189.9714
110.00	5189.9726	5189.9721	5189.9718	5189.9712
93.50	5189.9721	5189.9720	5189.9718	5189.9713
Max. Deviation (MHz)	0.0279	0.0280	0.0284	0.0288
Max. Deviation (ppm)	5.38	5.39	5.47	5.55
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9704	5189.9699	5189.9698	5189.9691
10	5189.9706	5189.9700	5189.9690	5189.9683
20	5189.9726	5189.9719	5189.9712	5189.9710
30	5189.9742	5189.9733	5189.9729	5189.9721
40	5189.9758	5189.9748	5189.9741	5189.9739
Max. Deviation (MHz)	0.0296	0.0301	0.0310	0.0317
Max. Deviation (ppm)	5.70	5.80	5.97	6.11
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9736	5309.9732	5309.9729	5309.9727
110.00	5309.9726	5309.9718	5309.9708	5309.9702
93.50	5309.9720	5309.9716	5309.9714	5309.9709
Max. Deviation (MHz)	0.0280	0.0284	0.0292	0.0298
Max. Deviation (ppm)	5.27	5.35	5.50	5.61
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5309.9709	5309.9701	5309.9697	5309.9691
10	5309.9722	5309.9712	5309.9702	5309.9695
20	5309.9726	5309.9721	5309.9720	5309.9716
30	5309.9742	5309.9737	5309.9735	5309.9728
40	5309.9749	5309.9747	5309.9740	5309.9731
Max. Deviation (MHz)	0.0291	0.0299	0.0303	0.0309
Max. Deviation (ppm)	5.48	5.63	5.71	5.82
Result	**0.0291**			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9735	5549.9732	5549.9728	5549.9720
110.00	5549.9726	5549.9718	5549.9708	5549.9700
93.50	5549.9725	5549.9716	5549.9715	5549.9713
Max. Deviation (MHz)	0.0275	0.0284	0.0292	0.0300
Max. Deviation (ppm)	4.95	5.12	5.26	5.41
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5549.9705	5549.9703	5549.9699	5549.9690
10	5549.9722	5549.9714	5549.9706	5549.9697
20	5549.9726	5549.9716	5549.9712	5549.9711
30	5549.9742	5549.9737	5549.9736	5549.9728
40	5549.9756	5549.9749	5549.9742	5549.9739
Max. Deviation (MHz)	0.0295	0.0297	0.0301	0.0310
Max. Deviation (ppm)	5.32	5.35	5.42	5.59
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9730	5754.9724	5754.9716	5754.9714
110.00	5754.9726	5754.9718	5754.9714	5754.9710
93.50	5754.9725	5754.9720	5754.9715	5754.9714
Max. Deviation (MHz)	0.0275	0.0282	0.0286	0.0290
Max. Deviation (ppm)	4.78	4.90	4.97	5.04
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9703	5754.9701	5754.9699	5754.9695
10	5754.9711	5754.9708	5754.9706	5754.9698
20	5754.9726	5754.9717	5754.9712	5754.9702
30	5754.9742	5754.9739	5754.9734	5754.9726
40	5754.9750	5754.9747	5754.9738	5754.9735
Max. Deviation (MHz)	0.0297	0.0299	0.0301	0.0305
Max. Deviation (ppm)	5.16	5.20	5.23	5.30
Result	Complies			

Mode: 80 MHz / Antenna 1

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9731	5209.9722	5209.9717	5209.9709
110.00	5209.9726	5209.9717	5209.9716	5209.9714
93.50	5209.9722	5209.9720	5209.9710	5209.9703
Max. Deviation (MHz)	0.0278	0.0283	0.0290	0.0297
Max. Deviation (ppm)	5.34	5.43	5.57	5.70
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9709	5209.9700	5209.9699	5209.9695
10	5209.9721	5209.9718	5209.9717	5209.9712
20	5209.9726	5209.9721	5209.9716	5209.9714
30	5209.9742	5209.9741	5209.9736	5209.9734
40	5209.9759	5209.9751	5209.9748	5209.9745
Max. Deviation (MHz)	0.0291	0.0300	0.0301	0.0305
Max. Deviation (ppm)	5.59	5.76	5.78	5.85
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5289.9736	5289.9733	5289.9727	5289.9724
110.00	5289.9726	5289.9722	5289.9721	5289.9716
93.50	5289.9723	5289.9721	5289.9716	5289.9706
Max. Deviation (MHz)	0.0277	0.0279	0.0284	0.0294
Max. Deviation (ppm)	5.24	5.27	5.37	5.56
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5289.9722	5289.9714	5289.9708	5289.9703
10	5289.9725	5289.9720	5289.9710	5289.9709
20	5289.9726	5289.9722	5289.9720	5289.9710
30	5289.9742	5289.9735	5289.9733	5289.9732
40	5289.9762	5289.9761	5289.9752	5289.9751
Max. Deviation (MHz)	0.0278	0.0286	0.0292	0.0297
Max. Deviation (ppm)	5.26	5.41	5.52	5.61
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5529.9734	5529.9728	5529.9723	5529.9713
110.00	5529.9726	5529.9725	5529.9715	5529.9712
93.50	5529.9722	5529.9721	5529.9720	5529.9714
Max. Deviation (MHz)	0.0278	0.0279	0.0285	0.0288
Max. Deviation (ppm)	5.03	5.05	5.15	5.21
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5529.9715	5529.9706	5529.9701	5529.9692
10	5529.9719	5529.9717	5529.9707	5529.9703
20	5529.9726	5529.9724	5529.9723	5529.9720
30	5529.9742	5529.9732	5529.9725	5529.9715
40	5529.9745	5529.9736	5529.9733	5529.9731
Max. Deviation (MHz)	0.0285	0.0294	0.0299	0.0308
Max. Deviation (ppm)	5.15	5.32	5.41	5.57
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9729	5774.9726	5774.9725	5774.9719
110.00	5774.9726	5774.9722	5774.9721	5774.9713
93.50	5774.9721	5774.9718	5774.9709	5774.9706
Max. Deviation (MHz)	0.0279	0.0282	0.0291	0.0294
Max. Deviation (ppm)	4.83	4.88	5.04	5.09
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9694	5774.9692	5774.9686	5774.9684
10	5774.9709	5774.9703	5774.9700	5774.9697
20	5774.9726	5774.9725	5774.9721	5774.9719
30	5774.9742	5774.9732	5774.9725	5774.9717
40	5774.9760	5774.9751	5774.9743	5774.9737
Max. Deviation (MHz)	0.0306	0.0308	0.0314	0.0316
Max. Deviation (ppm)	5.30	5.33	5.44	5.47
Result	Complies			

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 Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 27, 0216	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	8127647	9kHz ~ 30MHz	Dec. 23, 2015	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 24, 2016	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA	TESEQ	CBL6112D	37880	20MHz ~ 2GHz	Sep. 03, 2015	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Oct. 22, 2015	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Mar. 01, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Mar. 15, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 18, 2016	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Nov. 13, 2015	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Oct. 27, 2015	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 16, 2016	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-16	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-I0-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 09, 2015	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)

RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 02, 2015	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.
"*" Calibration Interval of instruments listed above is two years.
NCR 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%