Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 52 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10520.08	55.22	68.20	-12.98	41.97	9.75	38.50	35.00	162	267	Peak	HORIZONTAL
2	15777.58	59.21	74.00	-14.79	44.29	11.29	38.48	34.85	207	258	Peak	HORIZONTAL
3	15779.78	45.76	54.00	-8.24	30.84	11.29	38.48	34.85	207	258	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	10518.56	64.74	68.20	-3.46	51.49	9.75	38.50	35.00	162	136	Peak	VERTICAL
2	15779.94	60.16	74.00	-13.84	45.24	11.29	38.48	34.85	210	211	Peak	VERTICAL
3	15783.96	47.40	54.00	-6.60	32.40	11.30	38.55	34.85	210	211	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 60 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10599.91	45.73	54.00	-8.27	31.06	10.59	38.94	34.86	100	68	Average	HORIZONTAL
2	10600.97	58.76	74.00	-15.24	44.09	10.59	38.94	34.86	100	68	Peak	HORIZONTAL
3	15900.63	59.12	74.00	-14.88	43.06	13.39	38.01	35.34	172	156	Peak	HORIZONTAL
4	15900.98	45.77	54.00	-8.23	29.71	13.39	38.01	35.34	172	156	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	10599.16	64.12	74.00	-9.88	49.45	10.59	38.94	34.86	104	75	Peak	VERTICAL
2	10599.79	50.61	54.00	-3.39	35.94	10.59	38.94	34.86	104	75	Average	VERTICAL
3	15900.17	59.38	74.00	-14.62	43.32	13.39	38.01	35.34	183	565	Peak	VERTICAL
4	15900.80	46.08	54.00	-7.92	30.02	13.39	38.01	35.34	183	56	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 64 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10636.84	59.57	74.00	-14.43	44.95	9.67	38.40	33.45	101	312	Peak	HORIZONTAL
2	10641.88	45.67	54.00	-8.33	31.03	9.67	38.40	33.43	101	312	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	10636.24	64.05	74.00	-9.95	49.43	9.67	38.40	33.45	233	212	Peak	VERTICAL
2	10639.80	49.28	54.00	-4.72	34.64	9.67	38.40	33.43	233	212	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 100 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10996.32	58.18	74.00	-15.82	43.13	9.84	38.40	33.19	104	307	Peak	HORIZONTAL
2	11002.12	44.66	54.00	-9.34	29.59	9.86	38.40	33.19	104	307	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	48.20	54.00	-5.80	33.13	9.86	38.40	33.19	213	220	Average	VERTICAL
2	11002.40	63.12	74.00	-10.88	48.05	9.86	38.40	33.19	213	220	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 116 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11160.48	47.13	54.00	-6.87	33.62	9.66	38.50	34.65	196	300	Average	HORIZONTAL
2	11169.76	60.13	74.00	-13.87	46.62	9.66	38.50	34.65	196	300	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	11158.48	64.84	74.00	-9.16	51.33	9.66	38.50	34.65	177	144	Peak	VERTICAL
2	11160.24	50.64	54.00	-3.36	37.13	9.66	38.50	34.65	177	144	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 140 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11399.76	45.63	54.00	-8.37	29.72	10.05	39.04	33.18	159	154	Average	HORIZONTAL
2	11402.16	58.62	74.00	-15.38	42.71	10.05	39.04	33.18	159	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	11400.04	47.43	54.00	-6.57	31.52	10.05	39.04	33.18	160	212	Average	VERTICAL
2	11402.36	61.12	74.00	-12.88	45.21	10.05	39.04	33.18	160	212	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 149 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11489.92	49.70	54.00	-4.30	34.62	10.51	39.20	34.63	197	322	Average	HORIZONTAL
2	11491.68	63.04	74.00	-10.96	47.96	10.51	39.20	34.63	197	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	11486.24	64.65	74.00	-9.35	49.57	10.51	39.20	34.63	208	328	Peak	VERTICAL
2	11490.00	50.84	54.00	-3.16	35.76	10.51	39.20	34.63	208	328	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 157 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11566.20	61.52	74.00	-12.48	46.51	10.51	39.15	34.65	212	333	Peak	HORIZONTAL
2	11570.12	48.57	54.00	-5.43	33.56	10.51	39.15	34.65	212	333	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	11570.08	50.53	54.00	-3.47	35.52	10.51	39.15	34.65	208	329	Average	VERTICAL
2	11572.32	64.95	74.00	-9.05	49.94	10.51	39.15	34.65	208	329	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 165 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11651.56	61.21	74.00	-12.79	46.29	10.51	39.07	34.66	206	334	Peak	HORIZONTAL
2	11651.84	48.53	54.00	-5.47	33.61	10.51	39.07	34.66	206	334	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	11646.20	65.12	74.00	-8.88	50.18	10.51	39.09	34.66	198	322	Peak	VERTICAL
2	11650.00	50.72	54.00	-3.28	35.78	10.51	39.09	34.66	198	322	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10357.84	58.09	74.00	-15.91	43.55	10.55	39.02	35.03	102	69	Peak	HORIZONTAL
2	10360.00	44.89	54.00	-9.11	30.35	10.55	39.02	35.03	102	69	Average	HORIZONTAL
3	15540.40	58.46	74.00	-15.54	41.77	13.38	38.45	35.14	162	190	Peak	HORIZONTAL
4	15540.72	45.21	54.00	-8.79	28.52	13.38	38.45	35.14	162	190	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	10359.64	47.37	54.00	-6.63	32.83	10.55	39.02	35.03	100	68	Average	VERTICAL
2	10361.20	60.67	74.00	-13.33	46.13	10.55	39.02	35.03	100	68	Peak	VERTICAL
3	15532.44	58.30	74.00	-15.70	41.61	13.38	38.45	35.14	196	258	Peak	VERTICAL
4	15534.92	45.31	54.00	-8.69	28.62	13.38	38.45	35.14	196	258	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10399.71	60.80	74.00	-13.20	46.26	10.55	38.99	35.00	105	68	Peak	HORIZONTAL
2	10399.84	46.71	54.00	-7.29	32.17	10.55	38.99	35.00	105	68	Average	HORIZONTAL
3	15599.26	45.87	54.00	-8.13	29.26	13.38	38.39	35.16	159	123	Average	HORIZONTAL
4	15600.76	59.72	74.00	-14.28	43.19	13.38	38.34	35.19	159	123	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	10399.56	50.49	54.00	-3.51	35.95	10.55	38.99	35.00	109	71	Average	VERTICAL
2	10399.64	64.40	74.00	-9.60	49.86	10.55	38.99	35.00	109	71	Peak	VERTICAL
3	15599.50	58.92	74.00	-15.08	42.31	13.38	38.39	35.16	174	225	Peak	VERTICAL
4	15600.66	45.83	54.00	-8.17	29.30	13.38	38.34	35.19	174	225	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15716.38	59.41	74.00	-14.59	44.53	11.27	38.42	34.81	261	274	Peak	HORIZONTAL
2	15718.08	45.38	54.00	-8.62	30.50	11.27	38.42	34.81	261	274	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	15723.08	45.81	54.00	-8.19	30.93	11.27	38.42	34.81	320	310	Average	VERTICAL
2	15723.72	58.98	74.00	-15.02	44.10	11.27	38.42	34.81	320	310	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10520.88	58.75	68.20	-9.45	45.50	9.75	38.50	35.00	196	288	Peak	HORIZONTAL
2	15775.32	58.98	74.00	-15.02	44.06	11.29	38.48	34.85	194	256	Peak	HORIZONTAL
3	15785.96	45.74	54.00	-8.26	30.74	11.30	38.55	34.85	194	256	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	10518.40	65.01	68.20	-3.19	51.76	9.75	38.50	35.00	253	130	Peak	VERTICAL
2	15780.84	58.00	74.00	-16.00	43.08	11.29	38.48	34.85	222	264	Peak	VERTICAL
3	15787.48	45.88	54.00	-8.12	30.88	11.30	38.55	34.85	222	264	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10599.04	58.90	74.00	-15.10	44.23	10.59	38.94	34.86	139	73	Peak	HORIZONTAL
2	10599.56	45.11	54.00	-8.89	30.44	10.59	38.94	34.86	139	73	Average	HORIZONTAL
3	15900.31	59.35	74.00	-14.65	43.29	13.39	38.01	35.34	111	85	Peak	HORIZONTAL
4	15900.86	46.05	54.00	-7.95	29.99	13.39	38.01	35.34	111	85	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	10599.10	66.04	74.00	-7.96	51.37	10.59	38.94	34.86	108	72	Peak	VERTICAL
2	10599.73	50.84	54.00	-3.16	36.17	10.59	38.94	34.86	108	72	Average	VERTICAL
3	15899.14	59.88	74.00	-14.12	43.82	13.39	38.01	35.34	136	293	Peak	VERTICAL
4	15899.46	46.19	54.00	-7.81	30.13	13.39	38.01	35.34	136	293	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10640.90	47.12	54.00	-6.88	30.21	10.72	39.90	33.71	104	189	Average	HORIZONTAL
2	10641.80	61.06	74.00	-12.94	44.15	10.72	39.90	33.71	104	189	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	10639.80	49.54	54.00	-4.46	32.63	10.72	39.90	33.71	102	216	Average	VERTICAL
2	10639.80	63.35	74.00	-10.65	46.44	10.72	39.90	33.71	102	216	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10999.50	62.70	74.00	-11.30	45.41	10.92	40.20	33.83	131	213	Peak	HORIZONTAL
2	10999.70	49.03	54.00	-4.97	31.74	10.92	40.20	33.83	131	213	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	10999.10	64.94	74.00	-9.06	47.65	10.92	40.20	33.83	111	183	Peak	VERTICAL
2	10999.80	50.92	54.00	-3.08	33.63	10.92	40.20	33.83	111	183	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11158.96	60.00	74.00	-14.00	46.49	9.66	38.50	34.65	180	304	Peak	HORIZONTAL
2	11159.80	47.26	54.00	-6.74	33.75	9.66	38.50	34.65	180	304	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	11158.64	65.73	74.00	-8.27	52.22	9.66	38.50	34.65	176	140	Peak	VERTICAL
2	11159.44	50.80	54.00	-3.20	37.29	9.66	38.50	34.65	176	140	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11398.60	61.01	74.00	-12.99	43.69	11.12	40.04	33.84	102	215	Peak	HORIZONTAL
2	11399.90	48.08	54.00	-5.92	30.76	11.12	40.04	33.84	102	215	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	11398.70	61.30	74.00	-12.70	43.98	11.12	40.04	33.84	121	2	Peak	VERTICAL
2	11400.70	48.45	54.00	-5.55	31.13	11.12	40.04	33.84	121	2	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11488.20	61.84	74.00	-12.16	46.76	10.51	39.20	34.63	205	323	Peak	HORIZONTAL
2	11490.12	49.44	54.00	-4.56	34.36	10.51	39.20	34.63	205	323	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	11490.12	50.93	54.00	-3.07	35.85	10.51	39.20	34.63	200	320	Average	VERTICAL
2	11491.48	65.59	74.00	-8.41	50.51	10.51	39.20	34.63	200	320	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11568.88	62.23	74.00	-11.77	47.22	10.51	39.15	34.65	200	335	Peak	HORIZONTAL
2	11569.72	48.49	54.00	-5.51	33.48	10.51	39.15	34.65	200	335	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	11568.12	65.50	74.00	-8.50	50.49	10.51	39.15	34.65	198	322	Peak	VERTICAL
2	11569.80	50.62	54.00	-3.38	35.61	10.51	39.15	34.65	198	322	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11643.80	61.46	74.00	-12.54	46.52	10.51	39.09	34.66	200	321	Peak	HORIZONTAL
2	11650.04	48.83	54.00	-5.17	33.89	10.51	39.09	34.66	200	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	11643.48	65.21	74.00	-8.79	50.27	10.51	39.09	34.66	200	319	Peak	VERTICAL
2	11648.80	50.91	54.00	-3.09	35.97	10.51	39.09	34.66	200	319	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15572.16	47.87	54.00	-6.13	33.35	11.01	38.38	34.87	201	356	Average	HORIZONTAL
2	15576.84	60.55	74.00	-13.45	46.03	11.01	38.38	34.87	201	356	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	15573.40	60.08	74.00	-13.92	45.56	11.01	38.38	34.87	204	279	Peak	VERTICAL
2	15573.72	47.90	54.00	-6.10	33.38	11.01	38.38	34.87	204	279	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15684.36	61.56	74.00	-12.44	46.72	11.26	38.35	34.77	222	255	Peak	HORIZONTAL
2	15685.00	47.43	54.00	-6.57	32.59	11.26	38.35	34.77	222	255	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	15682.00	61.54	74.00	-12.46	46.70	11.26	38.35	34.77	182	285	Peak	VERTICAL
2	15696.28	47.60	54.00	-6.40	32.68	11.27	38.42	34.77	182	285	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15810.52	59.37	74.00	-14.63	44.37	11.30	38.55	34.85	192	240	Peak	HORIZONTAL
2	15816.72	46.54	54.00	-7.46	31.58	11.30	38.55	34.89	192	240	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	15809.64	64.01	74.00	-9.99	49.01	11.30	38.55	34.85	205	261	Peak	VERTICAL
2	15819.72	50.64	54.00	-3.36	35.68	11.30	38.55	34.89	205	261	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10620.32	45.58	54.00	-8.42	30.05	10.52	38.98	33.97	162	235	Average	HORIZONTAL
2	10628.16	57.59	74.00	-16.41	42.04	10.52	39.00	33.97	162	235	Peak	HORIZONTAL
3	15934.04	59.92	74.00	-14.08	45.51	11.01	38.31	34.91	149	282	Peak	HORIZONTAL
4	15937.68	47.56	54.00	-6.44	33.15	11.01	38.31	34.91	149	282	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	10619.92	48.65	54.00	-5.35	33.12	10.52	38.98	33.97	177	330	Average	VERTICAL
2	10624.84	61.38	74.00	-12.62	45.83	10.52	39.00	33.97	177	330	Peak	VERTICAL
3	15938.48	60.47	74.00	-13.53	46.06	11.01	38.31	34.91	181	288	Peak	VERTICAL
4	15938.68	47.59	54.00	-6.41	33.18	11.01	38.31	34.91	181	288	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11007.10	59.25	74.00	-14.75	43.80	10.51	39.30	34.36	197	326	Peak	HORIZONTAL
2	11024.70	46.82	54.00	-7.18	31.37	10.51	39.30	34.36	197	326	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	11005.40	62.04	74.00	-11.96	46.59	10.51	39.30	34.36	194	331	Peak	VERTICAL
2	11020.10	50.10	54.00	-3.90	34.65	10.51	39.30	34.36	194	331	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11100.10	47.65	54.00	-6.35	32.26	10.51	39.28	34.40	189	331	Average	HORIZONTAL
2	11110.50	60.39	74.00	-13.61	45.02	10.51	39.28	34.42	189	331	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	11086.30	63.63	74.00	-10.37	48.23	10.51	39.29	34.40	178	331	Peak	VERTICAL
2	11099.80	50.90	54.00	-3.10	35.51	10.51	39.28	34.40	178	331	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11340.20	48.24	54.00	-5.76	33.05	10.51	39.23	34.55	186	331	Average	HORIZONTAL
2	11340.80	59.78	74.00	-14.22	44.59	10.51	39.23	34.55	186	331	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	11340.00	50.88	54.00	-3.12	35.69	10.51	39.23	34.55	189	327	Average	VERTICAL
2	11346.70	63.51	74.00	-10.49	48.32	10.51	39.23	34.55	189	327	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 /Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11508.80	59.49	74.00	-14.51	44.42	10.51	39.20	34.64	178	330	Peak	HORIZONTAL
2	11509.90	48.32	54.00	-5.68	33.25	10.51	39.20	34.64	178	330	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	11510.00	50.97	54.00	-3.03	35.90	10.51	39.20	34.64	177	328	Average	VERTICAL
2	11511.10	63.87	74.00	-10.13	48.80	10.51	39.20	34.64	177	328	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11589.90	60.17	74.00	-13.83	45.20	10.51	39.12	34.66	178	330	Peak	HORIZONTAL
2	11590.00	48.17	54.00	-5.83	33.20	10.51	39.12	34.66	178	330	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	11590.00	50.86	54.00	-3.14	35.89	10.51	39.12	34.66	178	327	Average	VERTICAL
2	11591.00	62.60	74.00	-11.40	47.63	10.51	39.12	34.66	178	327	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15629.18	47.80	54.00	-6.20	33.30	11.01	38.37	34.88	200	316	Average	HORIZONTAL
2	15630.98	60.48	74.00	-13.52	45.98	11.01	38.37	34.88	200	316	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	15627.88	60.65	74.00	-13.35	46.15	11.01	38.37	34.88	217	216	Peak	VERTICAL
2	15628.29	47.54	54.00	-6.46	33.04	11.01	38.37	34.88	217	216	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15868.05	47.17	54.00	-6.83	32.74	11.01	38.33	34.91	180	146	Average	HORIZONTAL
2	15868.70	60.00	74.00	-14.00	45.57	11.01	38.33	34.91	180	146	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	15868.15	59.60	74.00	-14.40	45.17	11.01	38.33	34.91	206	213	Peak	VERTICAL
2	15872.25	46.96	54.00	-7.04	32.53	11.01	38.33	34.91	206	213	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11059.03	46.48	54.00	-7.52	31.06	10.51	39.29	34.38	169	295	Average	HORIZONTAL
2	11060.58	59.10	74.00	-14.90	43.68	10.51	39.29	34.38	169	295	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	11059.39	48.18	54.00	-5.82	32.76	10.51	39.29	34.38	272	329	Average	VERTICAL
2	11060.16	61.08	74.00	-12.92	45.66	10.51	39.29	34.38	272	329	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11218.32	44.50	54.00	-9.50	30.98	9.66	38.50	34.64	107	177	Average	HORIZONTAL
2	11221.60	56.91	74.00	-17.09	43.40	9.65	38.50	34.64	107	177	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	11225.44	43.40	54.00	-10.60	29.89	9.65	38.50	34.64	121	149	Average	VERTICAL
2	11229.04	55.98	74.00	-18.02	42.47	9.65	38.50	34.64	121	149	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11549.75	58.61	74.00	-15.39	43.58	10.51	39.17	34.65	226	338	Peak	HORIZONTAL
2	11549.99	46.18	54.00	-7.82	31.15	10.51	39.17	34.65	226	338	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	11548.39	61.86	74.00	-12.14	46.83	10.51	39.17	34.65	220	329	Peak	VERTICAL
2	11550.92	48.55	54.00	-5.45	33.54	10.51	39.15	34.65	220	329	Average	VERTICAL

<For Non-Beamforming / 2TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 36 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15535.52	59.91	74.00	-14.09	43.22	13.38	38.45	35.14	176	149	Peak	HORIZONTAL
2	15535.72	47.45	54.00	-6.55	30.76	13.38	38.45	35.14	176	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	15530.68	47.65	54.00	-6.35	30.96	13.38	38.45	35.14	111	41	Average	VERTICAL
2	15534.72	60.94	74.00	-13.06	44.25	13.38	38.45	35.14	111	41	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 40 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15592.44	60.80	74.00	-13.20	44.19	13.38	38.39	35.16	197	121	Peak	HORIZONTAL
2	15607.04	48.12	54.00	-5.88	31.59	13.38	38.34	35.19	197	121	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	15602.72	60.46	74.00	-13.54	43.93	13.38	38.34	35.19	206	221	Peak	VERTICAL
2	15607.16	47.79	54.00	-6.21	31.26	13.38	38.34	35.19	206	221	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 48 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15714.40	59.99	74.00	-14.01	43.61	13.39	38.23	35.24	168	224	Peak	HORIZONTAL
2	15722.28	47.29	54.00	-6.71	30.91	13.39	38.23	35.24	168	224	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	15710.88	47.03	54.00	-6.97	30.65	13.39	38.23	35.24	149	332	Average	VERTICAL
2	15729.00	59.55	74.00	-14.45	43.17	13.39	38.23	35.24	149	332	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 52 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15771.44	60.19	74.00	-13.81	43.89	13.39	38.17	35.26	129	120	Peak	HORIZONTAL
2	15782.00	50.00	54.00	-4.00	33.78	13.39	38.12	35.29	129	120	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	15782.40	48.12	54.00	-5.88	31.90	13.39	38.12	35.29	107	216	Average	VERTICAL
2	15783.96	60.81	74.00	-13.19	44.59	13.39	38.12	35.29	107	216	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 60 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10599.56	47.24	54.00	-6.76	32.57	10.59	38.94	34.86	210	298	Average	HORIZONTAL
2	10600.92	60.80	74.00	-13.20	46.13	10.59	38.94	34.86	210	298	Peak	HORIZONTAL
3	15903.88	49.18	54.00	-4.82	33.12	13.39	38.01	35.34	152	205	Average	HORIZONTAL
4	15907.84	59.11	74.00	-14.89	43.05	13.39	38.01	35.34	152	205	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	10598.52	65.34	74.00	-8.66	50.67	10.59	38.94	34.86	139	152	Peak	VERTICAL
2	10599.48	49.75	54.00	-4.25	35.08	10.59	38.94	34.86	139	152	Average	VERTICAL
3	15900.20	48.64	54.00	-5.36	32.58	13.39	38.01	35.34	176	316	Average	VERTICAL
4	15901.84	58.95	74.00	-15.05	42.89	13.39	38.01	35.34	176	316	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 64 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10639.46	44.44	54.00	-9.56	29.73	10.60	38.95	34.84	170	213	Average	HORIZONTAL
2	10643.80	55.33	74.00	-18.67	40.62	10.60	38.95	34.84	170	213	Peak	HORIZONTAL
3	15962.28	60.95	74.00	-13.05	44.97	13.39	37.95	35.36	188	120	Peak	HORIZONTAL
4	15963.40	47.11	54.00	-6.89	31.13	13.39	37.95	35.36	188	120	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	10636.20	56.31	74.00	-17.69	41.60	10.60	38.95	34.84	165	211	Peak	VERTICAL
2	10636.68	43.00	54.00	-11.00	28.29	10.60	38.95	34.84	165	211	Average	VERTICAL
3	15957.20	60.69	74.00	-13.31	44.71	13.39	37.95	35.36	174	110	Peak	VERTICAL
4	15962.04	47.81	54.00	-6.19	31.83	13.39	37.95	35.36	174	110	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 100 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10998.86	60.18	74.00	-13.82	45.09	10.66	39.10	34.67	192	62	Peak	HORIZONTAL
2	11000.74	47.14	54.00	-6.86	32.05	10.66	39.10	34.67	192	62	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	10999.90	57.98	74.00	-16.02	42.89	10.66	39.10	34.67	158	274	Peak	VERTICAL
2	11000.82	48.06	54.00	-5.94	32.97	10.66	39.10	34.67	158	274	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 116 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11155.64	45.18	54.00	-8.82	29.92	10.69	39.26	34.69	203	60	Average	HORIZONTAL
2	11158.30	58.31	74.00	-15.69	43.02	10.69	39.30	34.70	203	60	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	11157.14	60.08	74.00	-13.92	44.79	10.69	39.30	34.70	180	182	Peak	VERTICAL
2	11159.58	46.21	54.00	-7.79	30.92	10.69	39.30	34.70	180	182	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 140 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11396.24	58.56	74.00	-15.44	42.98	10.73	39.58	34.73	197	252	Peak	HORIZONTAL
2	11398.72	45.48	54.00	-8.52	29.90	10.73	39.58	34.73	197	252	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	11399.40	46.65	54.00	-7.35	31.07	10.73	39.58	34.73	220	356	Average	VERTICAL
2	11400.78	58.82	74.00	-15.18	43.24	10.73	39.58	34.73	220	356	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 149 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11486.50	45.22	54.00	-8.78	29.52	10.75	39.70	34.75	136	132	Average	HORIZONTAL
2	11488.50	56.68	74.00	-17.32	40.98	10.75	39.70	34.75	136	132	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	11488.60	58.53	74.00	-15.47	42.83	10.75	39.70	34.75	113	12	Peak	VERTICAL
2	11491.40	47.90	54.00	-6.10	32.20	10.75	39.70	34.75	113	12	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 157 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11569.26	59.70	74.00	-14.30	44.05	10.76	39.65	34.76	182	289	Peak	HORIZONTAL
2	11574.52	46.96	54.00	-7.04	31.31	10.76	39.65	34.76	182	289	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	11566.94	57.62	74.00	-16.38	41.97	10.76	39.65	34.76	200	193	Peak	VERTICAL
2	11570.24	46.61	54.00	-7.39	30.96	10.76	39.65	34.76	200	193	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 165 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11653.64	57.24	74.00	-16.76	41.68	10.77	39.57	34.78	165	90	Peak	HORIZONTAL
2	11654.22	46.65	54.00	-7.35	31.09	10.77	39.57	34.78	165	90	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	11648.64	58.81	74.00	-15.19	43.22	10.77	39.59	34.77	220	232	Peak	VERTICAL
2	11648.94	45.37	54.00	-8.63	29.78	10.77	39.59	34.77	220	232	Average	VERTICAL

<For Beamforming / 2TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15528.00	59.23	74.00	-14.77	42.54	13.38	38.45	35.14	202	223	Peak	HORIZONTAL
2	15542.64	47.16	54.00	-6.84	30.47	13.38	38.45	35.14	202	223	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	15530.64	47.11	54.00	-6.89	30.42	13.38	38.45	35.14	131	288	Average	VERTICAL
2	15547.68	60.01	74.00	-13.99	43.32	13.38	38.45	35.14	131	288	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15591.80	59.86	74.00	-14.14	43.25	13.38	38.39	35.16	189	108	Peak	HORIZONTAL
2	15603.08	46.94	54.00	-7.06	30.41	13.38	38.34	35.19	189	108	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	15603.44	59.84	74.00	-14.16	43.31	13.38	38.34	35.19	198	106	Peak	VERTICAL
2	15605.04	47.05	54.00	-6.95	30.52	13.38	38.34	35.19	198	106	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15712.24	47.20	54.00	-6.80	30.82	13.39	38.23	35.24	157	148	Average	HORIZONTAL
2	15714.32	60.53	74.00	-13.47	44.15	13.39	38.23	35.24	157	148	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	15710.16	46.86	54.00	-7.14	30.48	13.39	38.23	35.24	176	201	Average	VERTICAL
2	15712.68	60.05	74.00	-13.95	43.67	13.39	38.23	35.24	176	201	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15782.84	60.77	74.00	-13.23	44.55	13.39	38.12	35.29	189	126	Peak	HORIZONTAL
2	15786.48	48.18	54.00	-5.82	31.96	13.39	38.12	35.29	189	126	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	15780.48	61.40	74.00	-12.60	45.10	13.39	38.17	35.26	224	228	Peak	VERTICAL
2	15790.00	47.84	54.00	-6.16	31.62	13.39	38.12	35.29	224	228	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 60 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10584.56	55.39	74.00	-18.61	40.74	10.59	38.93	34.87	261	212	Peak	HORIZONTAL
2	10600.08	42.28	54.00	-11.72	27.61	10.59	38.94	34.86	261	212	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	10597.04	55.68	74.00	-18.32	41.01	10.59	38.94	34.86	126	155	Peak	VERTICAL
2	10599.60	42.99	54.00	-11.01	28.32	10.59	38.94	34.86	126	155	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 64 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10639.70	42.39	54.00	-11.61	27.68	10.60	38.95	34.84	199	130	Average	HORIZONTAL
2	10641.60	55.44	74.00	-18.56	40.73	10.60	38.95	34.84	199	130	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	10638.88	59.86	74.00	-14.14	45.15	10.60	38.95	34.84	131	326	Peak	VERTICAL
2	10640.64	46.05	54.00	-7.95	31.34	10.60	38.95	34.84	131	326	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10999.70	56.35	74.00	-17.65	41.26	10.66	39.10	34.67	279	123	Peak	HORIZONTAL
2	11000.80	44.67	54.00	-9.33	29.58	10.66	39.10	34.67	279	123	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	11000.80	49.82	54.00	-4.18	34.73	10.66	39.10	34.67	128	156	Average	VERTICAL
2	11001.10	62.35	74.00	-11.65	47.26	10.66	39.10	34.67	128	156	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 116 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11160.70	45.00	54.00	-9.00	29.71	10.69	39.30	34.70	208	137	Average	HORIZONTAL
2	11162.60	57.39	74.00	-16.61	42.10	10.69	39.30	34.70	208	137	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	11159.30	62.86	74.00	-11.14	47.57	10.69	39.30	34.70	122	156	Peak	VERTICAL
2	11160.70	49.72	54.00	-4.28	34.43	10.69	39.30	34.70	122	156	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 140 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11376.90	43.87	54.00	-10.13	28.34	10.72	39.54	34.73	236	115	Average	HORIZONTAL
2	11412.00	55.76	74.00	-18.24	40.18	10.73	39.58	34.73	236	115	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	11399.50	59.01	74.00	-14.99	43.43	10.73	39.58	34.73	128	157	Peak	VERTICAL
2	11400.70	46.19	54.00	-7.81	30.61	10.73	39.58	34.73	128	157	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11488.90	45.22	54.00	-8.78	29.52	10.75	39.70	34.75	235	331	Average	HORIZONTAL
2	11491.30	57.70	74.00	-16.30	42.00	10.75	39.70	34.75	235	331	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	11489.10	48.51	54.00	-5.49	32.81	10.75	39.70	34.75	122	157	Average	VERTICAL
2	11489.30	61.73	74.00	-12.27	46.03	10.75	39.70	34.75	122	157	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11546.10	44.11	54.00	-9.89	28.45	10.75	39.67	34.76	254	258	Average	HORIZONTAL
2	11563.00	57.17	74.00	-16.83	41.52	10.76	39.65	34.76	254	258	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	11547.60	56.92	74.00	-17.08	41.26	10.75	39.67	34.76	168	48	Peak	VERTICAL
2	11565.60	44.09	54.00	-9.91	28.44	10.76	39.65	34.76	168	48	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11649.30	60.90	74.00	-13.10	45.31	10.77	39.59	34.77	222	290	Peak	HORIZONTAL
2	11650.40	47.83	54.00	-6.17	32.24	10.77	39.59	34.77	222	290	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	11648.50	57.25	74.00	-16.75	41.66	10.77	39.59	34.77	107	157	Peak	VERTICAL
2	11651.10	45.07	54.00	-8.93	29.51	10.77	39.57	34.78	107	157	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15581.70	59.14	74.00	-14.86	42.53	13.38	38.39	35.16	231	268	Peak	HORIZONTAL
2	15583.40	46.78	54.00	-7.22	30.17	13.38	38.39	35.16	231	268	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	15593.20	46.69	54.00	-7.31	30.08	13.38	38.39	35.16	186	352	Average	VERTICAL
2	15594.80	59.59	74.00	-14.41	42.98	13.38	38.39	35.16	186	352	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 46 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15677.40	59.80	74.00	-14.20	43.34	13.39	38.28	35.21	217	231	Peak	HORIZONTAL
2	15706.60	47.33	54.00	-6.67	30.95	13.39	38.23	35.24	217	231	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	15703.60	47.00	54.00	-7.00	30.62	13.39	38.23	35.24	191	156	Average	VERTICAL
2	15713.50	59.81	74.00	-14.19	43.43	13.39	38.23	35.24	191	156	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15796.20	60.37	74.00	-13.63	44.15	13.39	38.12	35.29	229	92	Peak	HORIZONTAL
2	15825.90	48.38	54.00	-5.62	32.16	13.39	38.12	35.29	229	92	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	15799.50	48.14	54.00	-5.86	31.92	13.39	38.12	35.29	191	178	Average	VERTICAL
2	15816.20	61.10	74.00	-12.90	44.88	13.39	38.12	35.29	191	178	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 62 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15916.20	48.28	54.00	-5.72	32.22	13.39	38.01	35.34	220	257	Average	HORIZONTAL
2	15923.30	60.70	74.00	-13.30	44.72	13.39	37.95	35.36	220	257	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	15927.50	48.57	54.00	-5.43	32.59	13.39	37.95	35.36	154	270	Average	VERTICAL
2	15927.80	60.82	74.00	-13.18	44.84	13.39	37.95	35.36	154	270	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	10998.00	57.04	74.00	-16.96	41.95	10.66	39.10	34.67	225	325	Peak	HORIZONTAL
2	11031.00	43.34	54.00	-10.66	28.21	10.67	39.14	34.68	225	325	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	11003.30	55.95	74.00	-18.05	40.86	10.66	39.10	34.67	163	171	Peak	VERTICAL
2	11011.20	43.42	54.00	-10.58	28.33	10.66	39.10	34.67	163	171	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 110 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11097.36	56.97	74.00	-17.03	41.76	10.68	39.22	34.69	228	137	Peak	HORIZONTAL
2	11101.32	44.64	54.00	-9.36	29.43	10.68	39.22	34.69	228	137	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	11098.32	48.48	54.00	-5.52	33.27	10.68	39.22	34.69	122	157	Average	VERTICAL
2	11099.88	60.55	74.00	-13.45	45.34	10.68	39.22	34.69	122	157	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 134 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11341.80	43.93	54.00	-10.07	28.43	10.72	39.50	34.72	220	295	Average	HORIZONTAL
2	11354.28	56.98	74.00	-17.02	41.45	10.72	39.54	34.73	220	295	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	11334.60	45.25	54.00	-8.75	29.75	10.72	39.50	34.72	130	155	Average	VERTICAL
2	11344.80	57.68	74.00	-16.32	42.18	10.72	39.50	34.72	130	155	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11511.32	57.30	74.00	-16.70	41.60	10.75	39.70	34.75	272	319	Peak	HORIZONTAL
2	11535.80	44.12	54.00	-9.88	28.46	10.75	39.67	34.76	272	319	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	11494.28	57.07	74.00	-16.93	41.37	10.75	39.70	34.75	129	115	Peak	VERTICAL
2	11533.28	44.04	54.00	-9.96	28.38	10.75	39.67	34.76	129	115	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11594.92	44.34	54.00	-9.66	28.73	10.76	39.62	34.77	212	204	Average	HORIZONTAL
2	11618.92	57.16	74.00	-16.84	41.57	10.77	39.59	34.77	212	204	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	11591.80	56.82	74.00	-17.18	41.21	10.76	39.62	34.77	170	222	Peak	VERTICAL
2	11597.56	44.49	54.00	-9.51	28.88	10.76	39.62	34.77	170	222	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15617.40	46.99	54.00	-7.01	30.46	13.38	38.34	35.19	207	342	Average	HORIZONTAL
2	15675.00	59.68	74.00	-14.32	43.22	13.39	38.28	35.21	207	342	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	15591.00	59.62	74.00	-14.38	43.01	13.38	38.39	35.16	273	168	Peak	VERTICAL
2	15603.00	47.03	54.00	-6.97	30.50	13.38	38.34	35.19	273	168	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 58 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	15879.60	61.13	74.00	-12.87	45.07	13.39	38.01	35.34	209	311	Peak	HORIZONTAL
2	15919.80	48.14	54.00	-5.86	32.16	13.39	37.95	35.36	209	311	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	15910.40	60.32	74.00	-13.68	44.26	13.39	38.01	35.34	167	283	Peak	VERTICAL
2	15918.40	48.30	54.00	-5.70	32.24	13.39	38.01	35.34	167	283	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 106 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11056.80	55.44	74.00	-18.56	40.31	10.67	39.14	34.68	219	155	Peak	HORIZONTAL
2	11084.20	43.42	54.00	-10.58	28.25	10.67	39.18	34.68	219	155	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	11064.00	55.74	74.00	-18.26	40.57	10.67	39.18	34.68	153	214	Peak	VERTICAL
2	11067.00	43.60	54.00	-10.40	28.43	10.67	39.18	34.68	153	214	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 122 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11207.20	56.94	74.00	-17.06	41.60	10.70	39.34	34.70	215	149	Peak	HORIZONTAL
2	11234.24	43.30	54.00	-10.70	27.93	10.70	39.38	34.71	215	151	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	11222.40	55.38	74.00	-18.62	40.01	10.70	39.38	34.71	175	310	Peak	VERTICAL
2	11250.88	43.46	54.00	-10.54	28.09	10.70	39.38	34.71	175	310	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11511.44	56.32	74.00	-17.68	40.62	10.75	39.70	34.75	222	315	Peak	HORIZONTAL
2	11554.80	43.77	54.00	-10.23	28.12	10.76	39.65	34.76	222	315	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	11560.56	43.85	54.00	-10.15	28.20	10.76	39.65	34.76	137	107	Average	VERTICAL
2	11563.76	57.51	74.00	-16.49	41.86	10.76	39.65	34.76	137	107	Peak	VERTICAL

Straddle Channel

Dipole Antenna

<For Non-Beamforming / 1TX Mode>

Temperature	22℃	**Humidity**	54%
Test Engineer	Gino Huang	**Configurations**	IEEE 802.11a CH 144/ Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11440.09	44.41	54.00	-9.59	29.30	10.51	39.21	34.61	196	227	Average	HORIZONTAL
2	11440.58	57.95	74.00	-16.05	42.84	10.51	39.21	34.61	196	227	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	11439.99	50.34	54.00	-3.66	35.23	10.51	39.21	34.61	218	86	Average	VERTICAL
2	11441.95	64.54	74.00	-9.46	49.43	10.51	39.21	34.61	218	86	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144/ Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11438.20	61.23	74.00	-12.77	43.90	11.14	40.03	33.84	116	292	Peak	HORIZONTAL
2	11439.60	47.68	54.00	-6.32	30.35	11.14	40.03	33.84	116	292	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	11439.20	64.73	74.00	-9.27	47.40	11.14	40.03	33.84	129	303	Peak	VERTICAL
2	11439.80	50.12	54.00	-3.88	32.79	11.14	40.03	33.84	129	303	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11419.39	45.52	54.00	-8.48	30.39	10.51	39.21	34.59	163	44	Average	HORIZONTAL
2	11421.90	58.39	74.00	-15.61	43.26	10.51	39.21	34.59	163	44	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	11419.78	63.63	74.00	-10.37	48.50	10.51	39.21	34.59	218	27	Peak	VERTICAL
2	11419.96	50.89	54.00	-3.11	35.76	10.51	39.21	34.59	218	27	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11378.68	45.12	54.00	-8.88	29.95	10.51	39.23	34.57	192	38	Average	HORIZONTAL
2	11378.96	58.42	74.00	-15.58	43.25	10.51	39.23	34.57	192	38	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	11378.74	63.93	74.00	-10.07	48.76	10.51	39.23	34.57	206	30	Peak	VERTICAL
2	11379.30	50.41	54.00	-3.59	35.24	10.51	39.23	34.57	206	30	Average	VERTICAL

<For Non-Beamforming / 2TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 144/ Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11440.60	45.91	54.00	-8.09	32.40	9.63	38.50	34.62	120	310	Average	HORIZONTAL
2	11441.48	59.69	74.00	-14.31	46.18	9.63	38.50	34.62	120	310	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	11443.56	44.74	54.00	-9.26	31.23	9.63	38.50	34.62	124	297	Average	VERTICAL
2	11443.76	57.93	74.00	-16.07	44.42	9.63	38.50	34.62	124	297	Peak	VERTICAL

<For Beamforming / 2TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144/ Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11439.64	57.39	74.00	-16.61	41.77	10.74	39.62	34.74	135	76	Peak	HORIZONTAL
2	11448.64	43.78	54.00	-10.22	28.16	10.74	39.62	34.74	135	76	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	11440.00	56.96	74.00	-17.04	41.34	10.74	39.62	34.74	174	206	Peak	VERTICAL
2	11440.32	44.47	54.00	-9.53	28.85	10.74	39.62	34.74	174	206	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11421.07	44.05	54.00	-9.95	28.43	10.74	39.62	34.74	201	204	Average	HORIZONTAL
2	11424.17	56.78	74.00	-17.22	41.16	10.74	39.62	34.74	201	204	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	11415.08	45.38	54.00	-8.62	29.80	10.73	39.58	34.73	140	94	Average	VERTICAL
2	11417.73	56.90	74.00	-17.10	41.28	10.74	39.62	34.74	140	94	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11375.71	43.65	54.00	-10.35	28.12	10.72	39.54	34.73	148	49	Average	HORIZONTAL
2	11377.17	56.76	74.00	-17.24	41.23	10.72	39.54	34.73	148	49	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	11379.84	44.04	54.00	-9.96	28.51	10.72	39.54	34.73	142	163	Average	VERTICAL
2	11383.38	56.82	74.00	-17.18	41.29	10.72	39.54	34.73	142	163	Peak	VERTICAL

PIFA Antenna

<For Non-Beamforming / 1TX Mode>

Temperature	22℃	**Humidity**	54%
Test Engineer	Gino Huang	**Configurations**	IEEE 802.11a CH 144/ Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11439.88	48.07	54.00	-5.93	32.09	10.07	39.09	33.18	182	194	Average	HORIZONTAL
2	11442.64	61.92	74.00	-12.08	45.94	10.07	39.09	33.18	182	194	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	11439.96	49.57	54.00	-4.43	33.59	10.07	39.09	33.18	160	186	Average	VERTICAL
2	11441.76	63.42	74.00	-10.58	47.44	10.07	39.09	33.18	160	186	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144/ Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11439.60	62.26	74.00	-11.74	44.93	11.14	40.03	33.84	102	216	Peak	HORIZONTAL
2	11439.80	49.39	54.00	-4.61	32.06	11.14	40.03	33.84	102	216	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	11439.70	50.34	54.00	-3.66	33.01	11.14	40.03	33.84	122	200	Average	VERTICAL
2	11439.80	63.88	74.00	-10.12	46.55	11.14	40.03	33.84	122	200	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11414.30	60.69	74.00	-13.31	45.55	10.51	39.22	34.59	181	332	Peak	HORIZONTAL
2	11420.10	47.78	54.00	-6.22	32.65	10.51	39.21	34.59	181	332	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	11420.00	50.96	54.00	-3.04	35.83	10.51	39.21	34.59	178	330	Average	VERTICAL
2	11424.70	63.29	74.00	-10.71	48.16	10.51	39.21	34.59	178	330	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11378.97	61.42	74.00	-12.58	46.25	10.51	39.23	34.57	185	330	Peak	HORIZONTAL
2	11379.73	47.98	54.00	-6.02	32.81	10.51	39.23	34.57	185	330	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	11380.12	50.51	54.00	-3.49	35.34	10.51	39.23	34.57	180	328	Average	VERTICAL
2	11380.43	64.79	74.00	-9.21	49.62	10.51	39.23	34.57	180	328	Peak	VERTICAL

<For Non-Beamforming / 2TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 144/ Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11438.88	44.94	54.00	-9.06	29.32	10.74	39.62	34.74	172	279	Average	HORIZONTAL
2	11440.38	57.00	74.00	-17.00	41.38	10.74	39.62	34.74	172	279	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	11439.10	60.37	74.00	-13.63	44.75	10.74	39.62	34.74	139	163	Peak	VERTICAL
2	11439.82	46.44	54.00	-7.56	30.82	10.74	39.62	34.74	139	163	Average	VERTICAL

<For Beamforming / 2TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 144/ Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11438.60	56.97	74.00	-17.03	41.35	10.74	39.62	34.74	159	344	Peak	HORIZONTAL
2	11440.80	44.62	54.00	-9.38	29.00	10.74	39.62	34.74	159	344	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	11440.70	48.51	54.00	-5.49	32.89	10.74	39.62	34.74	122	156	Average	VERTICAL
2	11442.70	61.19	74.00	-12.81	45.57	10.74	39.62	34.74	122	156	Peak	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 142 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11420.00	44.81	54.00	-9.19	29.19	10.74	39.62	34.74	204	332	Average	HORIZONTAL
2	11428.28	57.20	74.00	-16.80	41.58	10.74	39.62	34.74	204	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	11418.44	59.79	74.00	-14.21	44.17	10.74	39.62	34.74	124	155	Peak	VERTICAL
2	11424.56	46.79	54.00	-7.21	31.17	10.74	39.62	34.74	124	155	Average	VERTICAL

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 138 / Chain 1 + Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 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	11382.40	44.35	54.00	-9.65	28.82	10.72	39.54	34.73	215	234	Average	HORIZONTAL
2	11416.64	56.00	74.00	-18.00	40.42	10.73	39.58	34.73	215	234	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	11354.88	56.55	74.00	-17.45	41.02	10.72	39.54	34.73	127	164	Peak	VERTICAL
2	11372.32	44.46	54.00	-9.54	28.93	10.72	39.54	34.73	127	164	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.

4.6. Band Edge Emissions Measurement

4.6.1. 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

4.6.2. 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

4.6.3. Test Procedures

The test procedure is the same as section 4.5.3.

4.6.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.5.4.

4.6.5. Test Deviation

There is no deviation with the original standard.

4.6.6. 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.

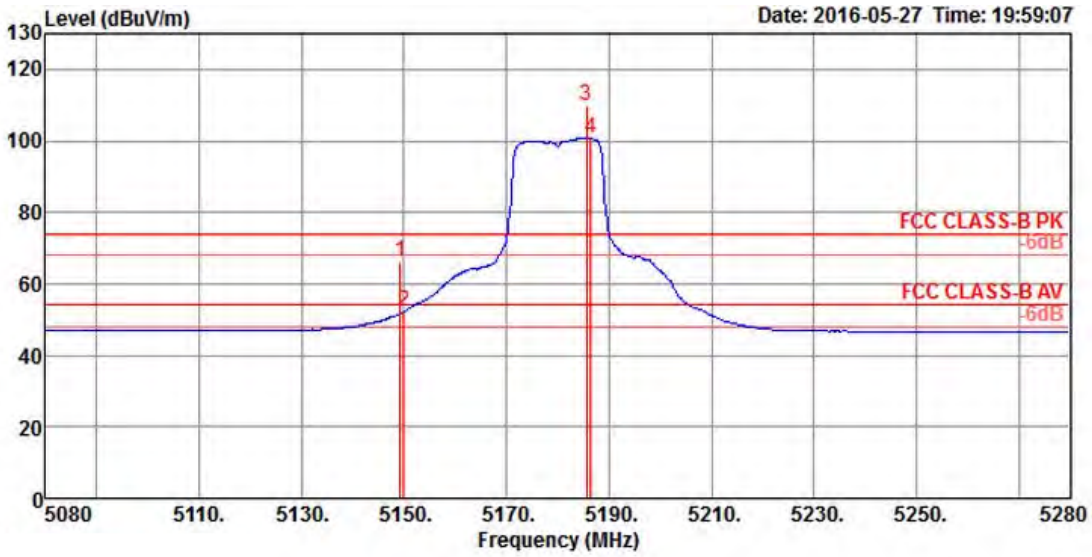
4.6.7. Test Result of Band Edge and Fundamental Emissions

Dipole Antenna

<For Non-Beamforming / 1TX Mode>

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

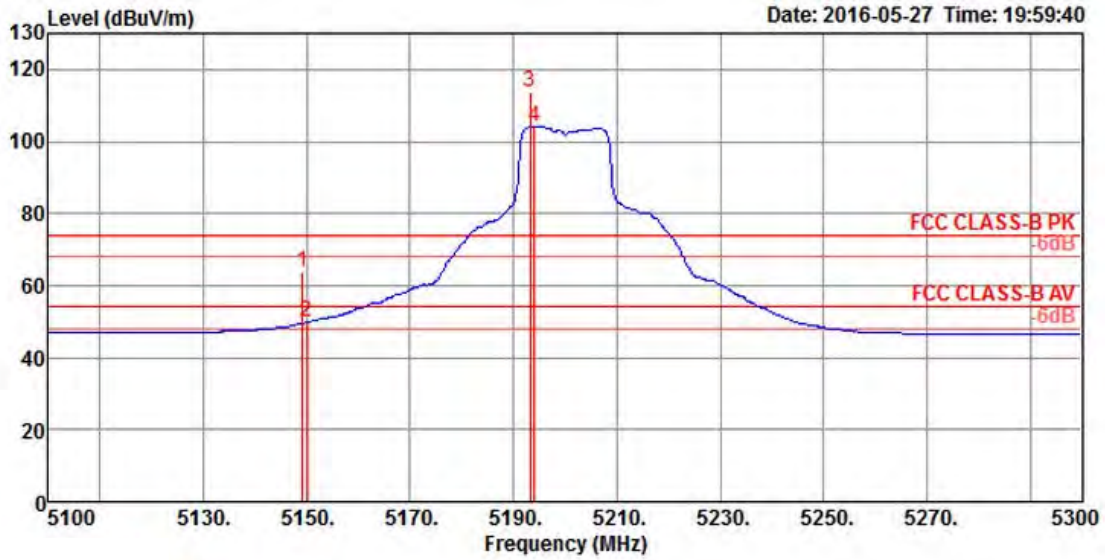
Channel 36



	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	66.20	74.00	-7.80	58.09	7.88	33.17	32.94	181	356	Peak	VERTICAL
2	5150.00	52.20	54.00	-1.80	44.09	7.88	33.17	32.94	181	356	Average	VERTICAL
3	5185.60	110.06			101.85	7.91	33.23	32.93	181	356	Peak	VERTICAL
4	5186.40	100.76			92.55	7.91	33.23	32.93	181	356	Average	VERTICAL

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

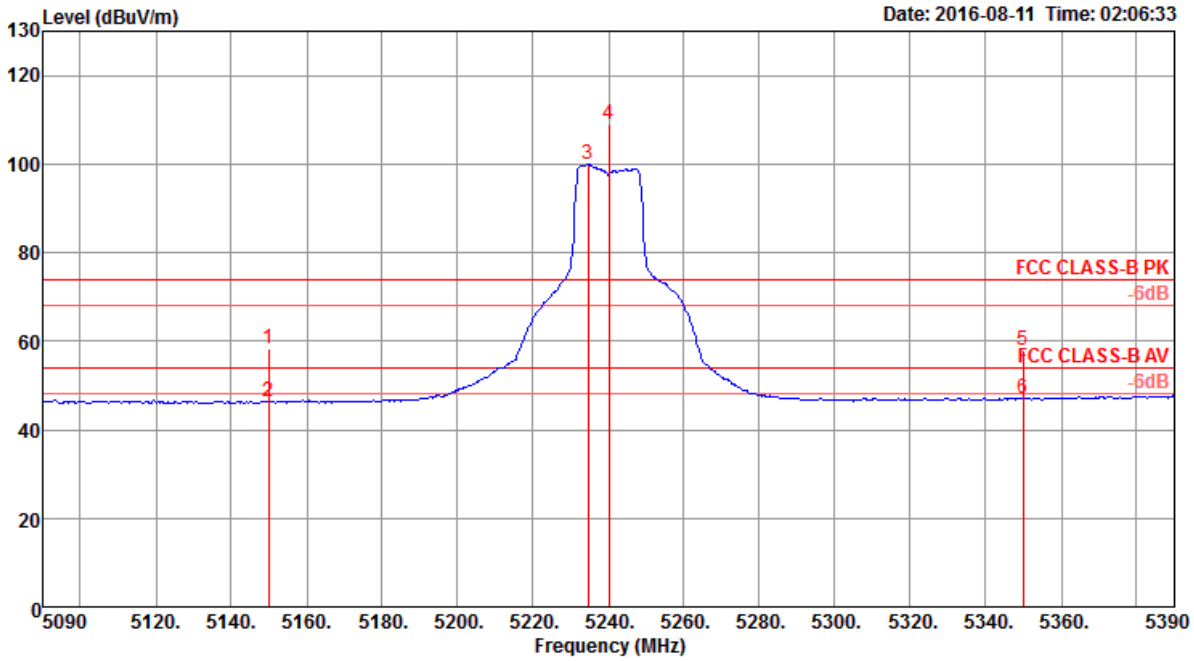
Channel 40



	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	5149.20	63.71	74.00	-10.29	55.60	7.88	33.17	32.94	201	346	Peak	VERTICAL
2	5150.00	49.79	54.00	-4.21	41.68	7.88	33.17	32.94	201	346	Average	VERTICAL
3	5193.20	113.67			105.43	7.92	33.25	32.93	201	346	Peak	VERTICAL
4	5194.00	104.10			95.86	7.92	33.25	32.93	201	346	Average	VERTICAL

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

Channel 48

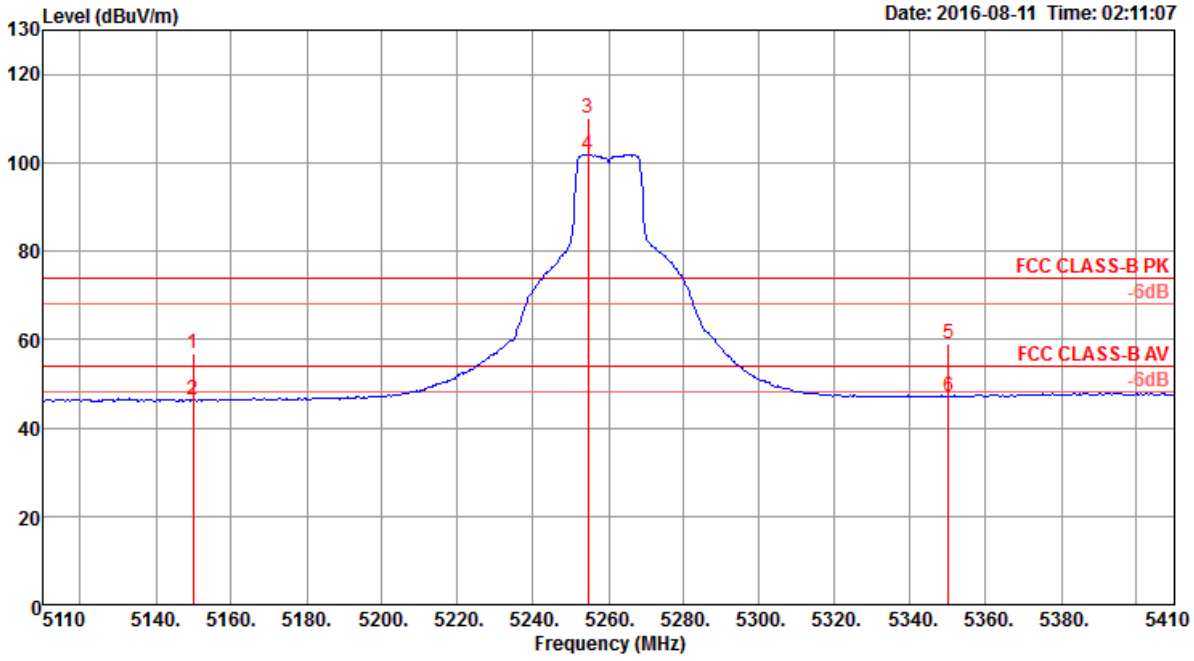


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5150.00	58.45	74.00	-15.55	51.71	7.90	33.31	34.47	231	291	Peak	VERTICAL
2	5150.00	46.32	54.00	-7.68	39.58	7.90	33.31	34.47	231	291	Average	VERTICAL
3	5234.60	99.84			92.92	7.95	33.44	34.47	231	291	Average	VERTICAL
4	5240.00	109.05			102.13	7.95	33.44	34.47	231	291	Peak	VERTICAL
5	5350.00	57.95	74.00	-16.05	50.94	7.89	33.59	34.47	231	291	Peak	VERTICAL
6	5350.00	46.98	54.00	-7.02	39.97	7.89	33.59	34.47	231	291	Average	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 52, 60, 64 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

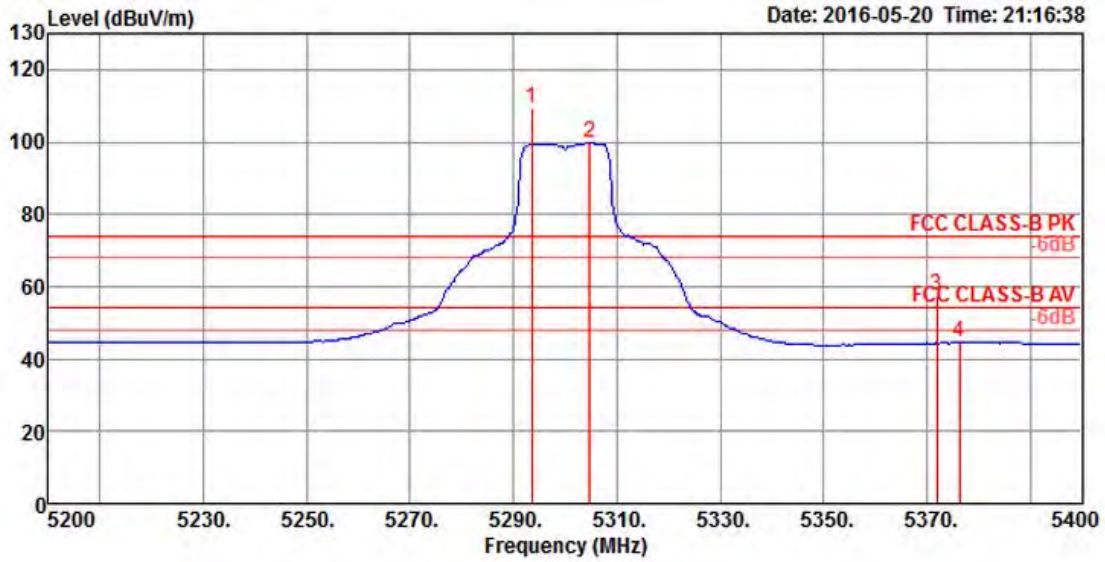
Channel 52



	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	5150.00	56.83	74.00	-17.17	50.09	7.90	33.31	34.47	216	89	Peak	VERTICAL
2	5150.00	46.29	54.00	-7.71	39.55	7.90	33.31	34.47	216	89	Average	VERTICAL
3	5254.60	110.05			103.12	7.94	33.46	34.47	216	89	Peak	VERTICAL
4	5254.60	101.93			95.00	7.94	33.46	34.47	216	89	Average	VERTICAL
5	5350.00	58.86	74.00	-15.14	51.85	7.89	33.59	34.47	216	89	Peak	VERTICAL
6	5350.00	46.94	54.00	-7.06	39.93	7.89	33.59	34.47	216	89	Average	VERTICAL

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

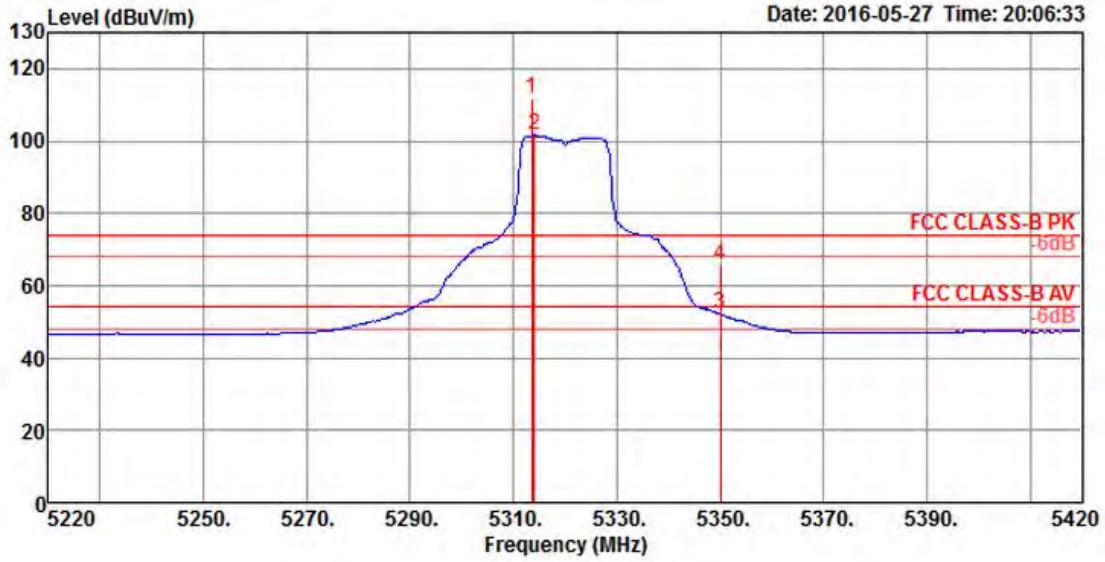
Channel 60



	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	5293.60	109.47			101.04	7.89	33.45	32.91	251	20	Peak	VERTICAL
2	5304.80	99.68			91.25	7.89	33.45	32.91	251	20	Average	VERTICAL
3	5372.00	57.56	74.00	-16.44	49.00	7.87	33.58	32.89	251	20	Peak	VERTICAL
4	5376.40	44.39	54.00	-9.61	35.83	7.87	33.58	32.89	251	20	Average	VERTICAL

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

Channel 64

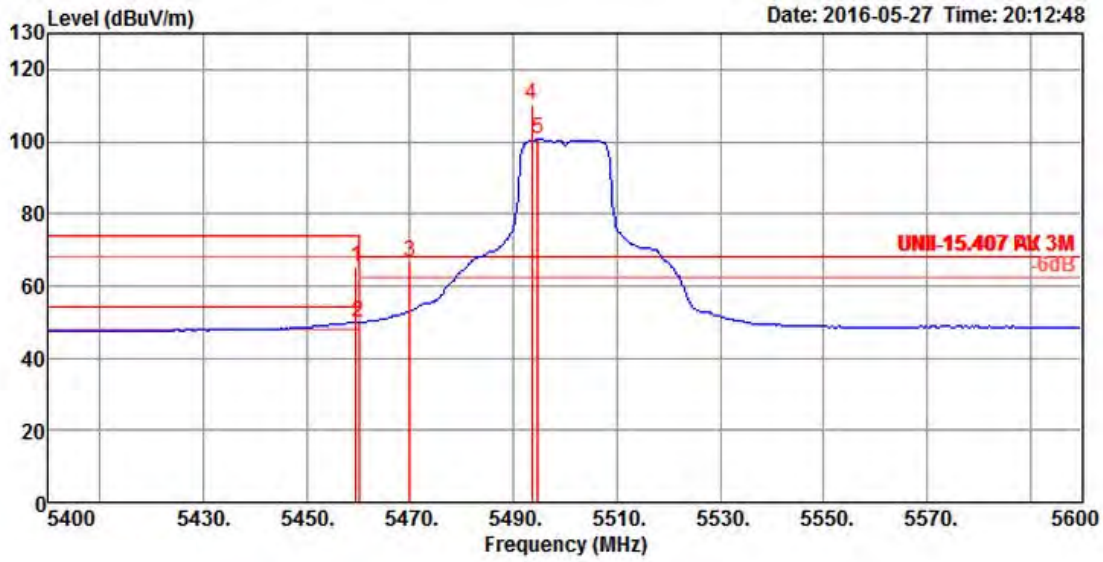


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5313.60	111.54			103.08	7.89	33.47	32.90	213	14	Peak	VERTICAL
2	5314.00	101.48			93.02	7.89	33.47	32.90	213	14	Average	VERTICAL
3	5350.00	52.10	54.00	-1.90	43.59	7.88	33.53	32.90	213	14	Average	VERTICAL
4	5350.00	65.76	74.00	-8.24	57.25	7.88	33.53	32.90	213	14	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 100, 116, 140 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

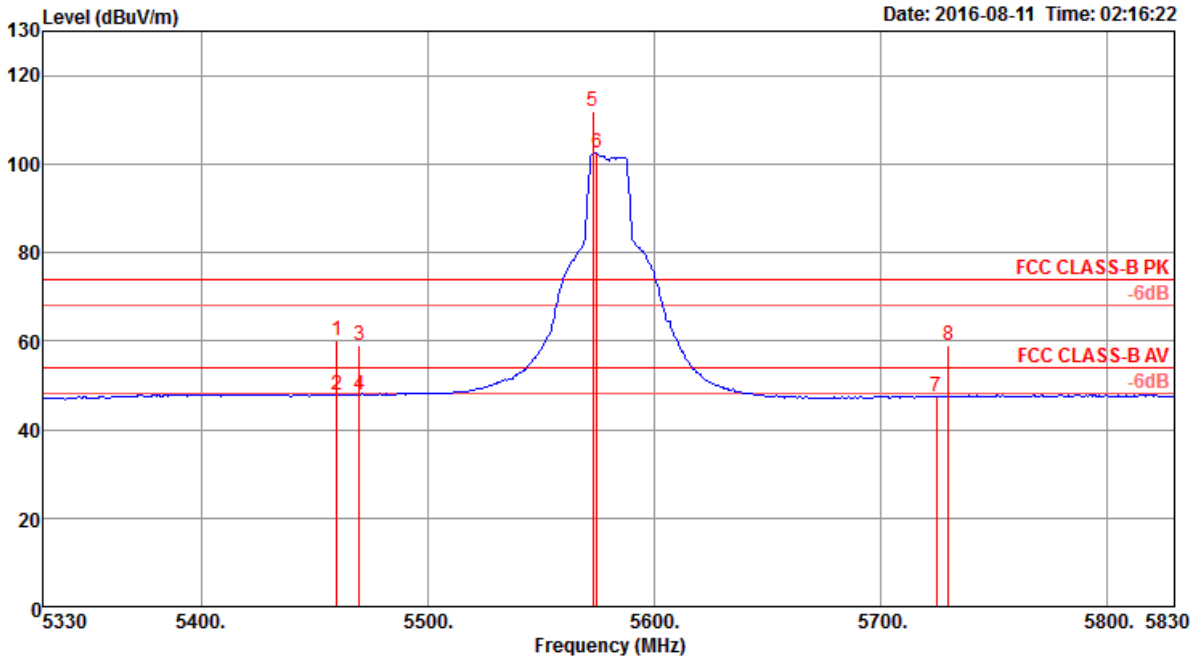
Channel 100



	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	65.22	74.00	-8.78	56.33	8.05	33.72	32.88	166	15	Peak	VERTICAL
2	5460.00	50.05	54.00	-3.95	41.16	8.05	33.72	32.88	166	15	Average	VERTICAL
3	5470.00	66.60	68.20	-1.60	57.62	8.10	33.75	32.87	166	15	Peak	VERTICAL
4	5493.60	110.19			101.14	8.15	33.77	32.87	166	15	Peak	VERTICAL
5	5494.80	100.60			91.55	8.15	33.77	32.87	166	15	Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5500 MHz.

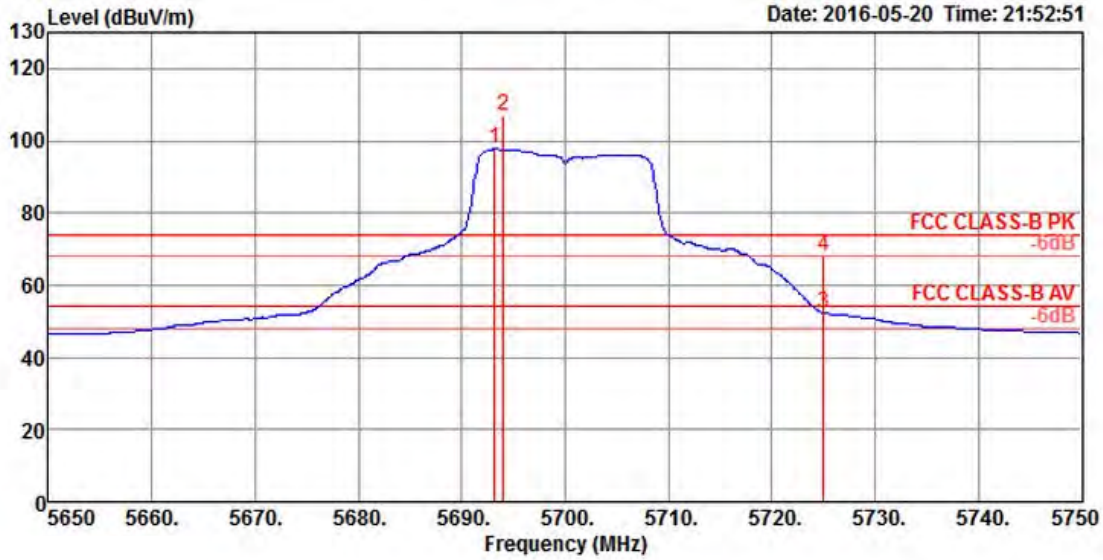
Channel 116



	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	5460.00	60.19	74.00	-13.81	53.03	7.89	33.74	34.47	223	92	Peak	VERTICAL
2	5460.00	47.82	54.00	-6.18	40.66	7.89	33.74	34.47	223	92	Average	VERTICAL
3	5470.00	58.99	74.00	-15.01	51.80	7.90	33.76	34.47	223	92	Peak	VERTICAL
4	5470.00	47.74	54.00	-6.26	40.55	7.90	33.76	34.47	223	92	Average	VERTICAL
5	5573.00	111.72			104.26	7.94	34.00	34.48	223	92	Peak	VERTICAL
6	5575.00	102.33			94.87	7.94	34.00	34.48	223	92	Average	VERTICAL
7	5725.00	47.51	54.00	-6.49	39.65	7.87	34.50	34.51	223	92	Average	VERTICAL
8	5730.00	59.12	74.00	-14.88	51.27	7.87	34.50	34.52	223	92	Peak	VERTICAL

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

Channel 140

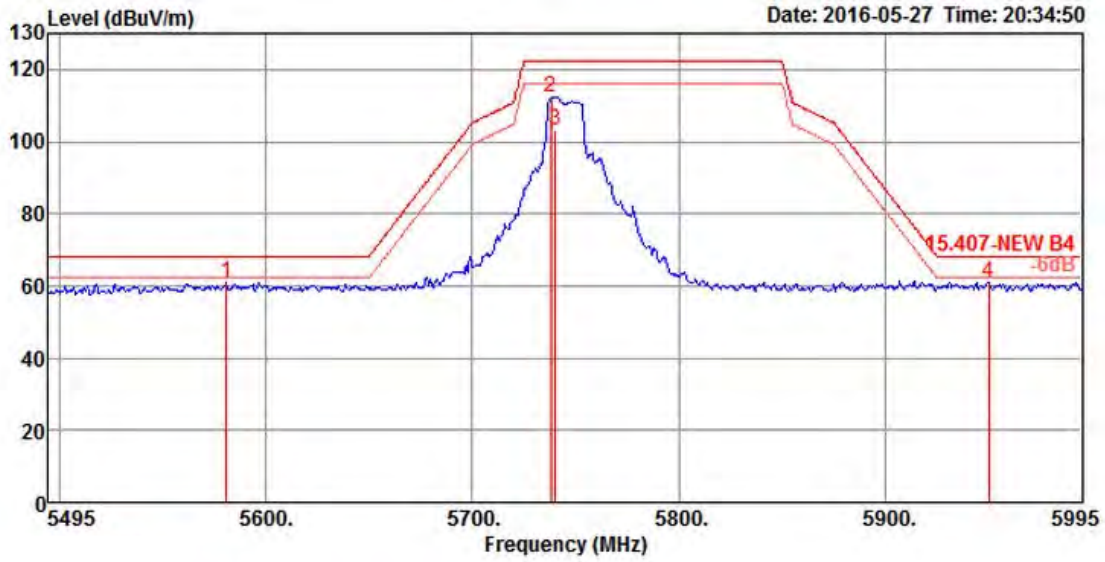


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5693.20	97.69			87.79	8.43	34.36	32.89	256	243	Average	VERTICAL
2	5694.00	107.10			97.20	8.43	34.36	32.89	256	243	Peak	VERTICAL
3	5725.00	52.35	54.00	-1.65	42.37	8.42	34.45	32.89	256	243	Average	VERTICAL
4	5725.00	68.09	74.00	-5.91	58.11	8.42	34.45	32.89	256	243	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11a CH 149, 157, 165 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

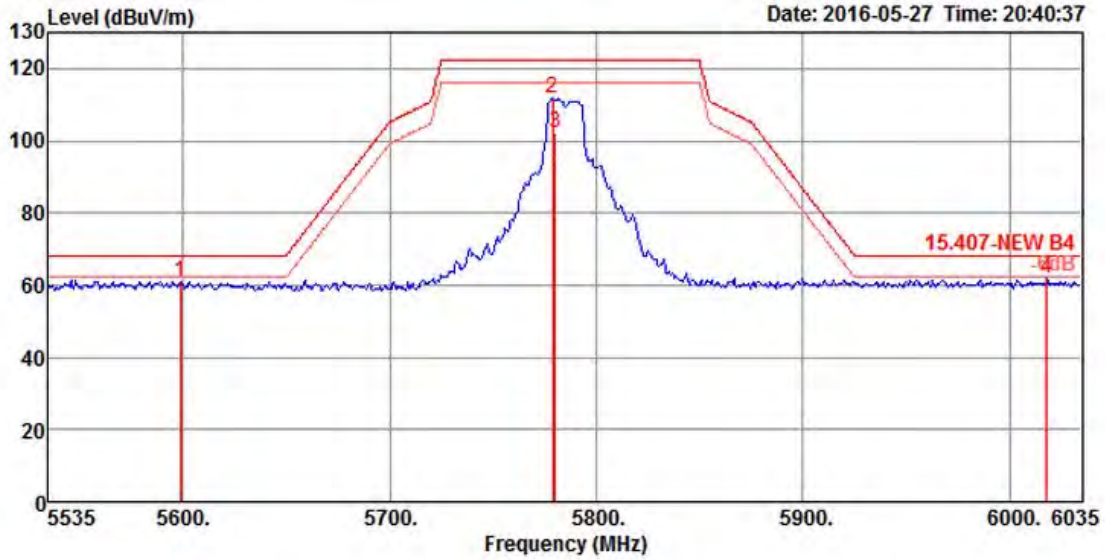
Channel 149



	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	5581.00	60.80	68.20	-7.40	51.23	8.42	34.03	32.88	148	334	Peak	VERTICAL
2	5738.00	112.27			102.29	8.42	34.45	32.89	148	334	Peak	VERTICAL
3	5740.00	103.08			93.05	8.42	34.50	32.89	148	334	Average	VERTICAL
4	5950.00	60.86	68.20	-7.34	50.34	8.37	35.06	32.91	148	334	Peak	VERTICAL

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

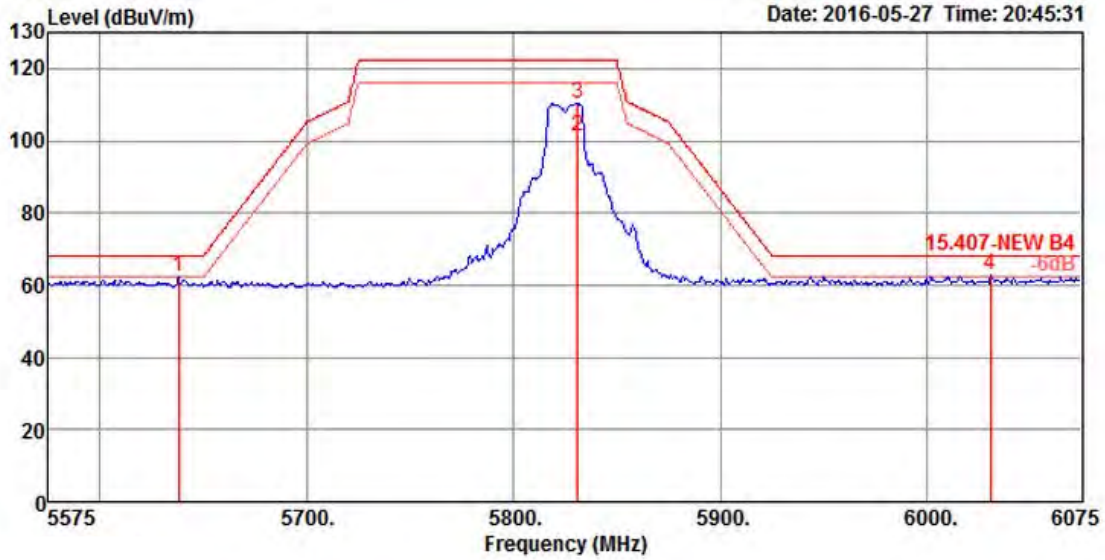
Channel 157



	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	5599.00	61.09	68.20	-7.11	51.42	8.47	34.08	32.88	140	336	Peak	VERTICAL
2	5779.00	111.87			101.77	8.41	34.59	32.90	140	336	Peak	VERTICAL
3	5780.00	102.36			92.26	8.41	34.59	32.90	140	336	Average	VERTICAL
4	6018.00	61.92	68.20	-6.28	51.20	8.42	35.22	32.92	140	336	Peak	VERTICAL

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

Channel 165

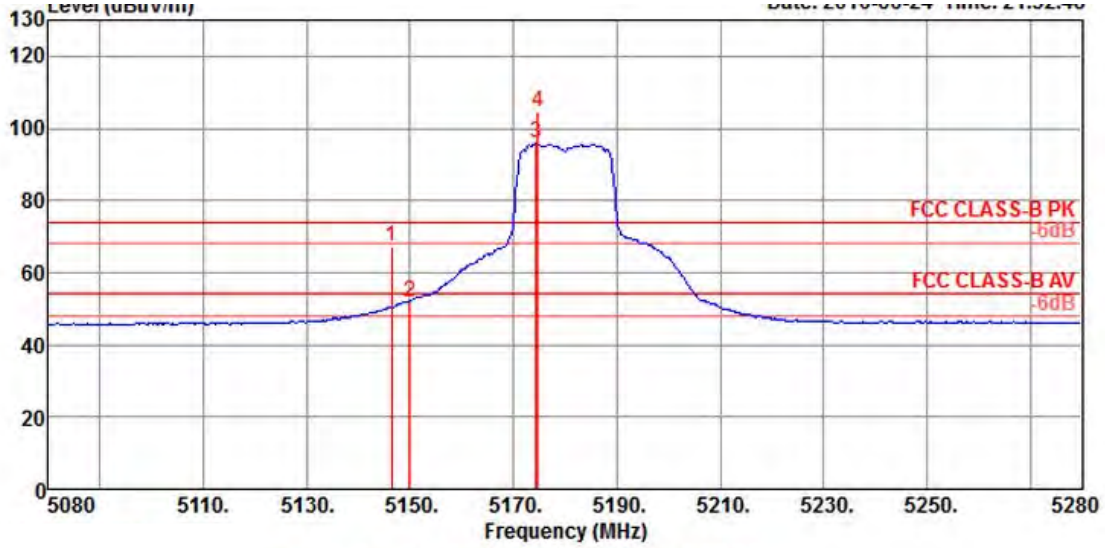


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5638.00	62.14	68.20	-6.06	52.39	8.46	34.17	32.88	147	334	Peak	VERTICAL
2	5831.00	101.20			90.98	8.39	34.73	32.90	147	334	Average	VERTICAL
3	5831.00	110.39			100.17	8.39	34.73	32.90	147	334	Peak	VERTICAL
4	6031.00	62.65	68.20	-5.55	51.86	8.47	35.24	32.92	147	334	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

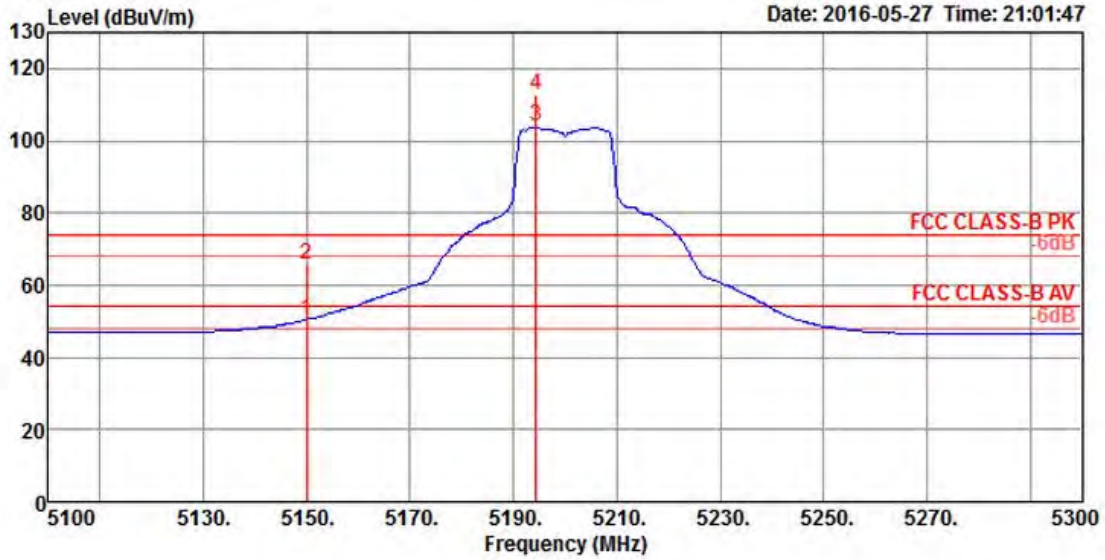
Channel 36



	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	5146.40	66.97	74.00	-7.03	59.75	7.34	31.52	31.64	103	355	Peak	VERTICAL
2	5150.00	51.97	54.00	-2.03	44.75	7.34	31.52	31.64	103	355	Average	VERTICAL
3	5174.40	95.78			88.50	7.37	31.55	31.64	103	355	Average	VERTICAL
4	5174.80	104.69			97.41	7.37	31.55	31.64	103	355	Peak	VERTICAL

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

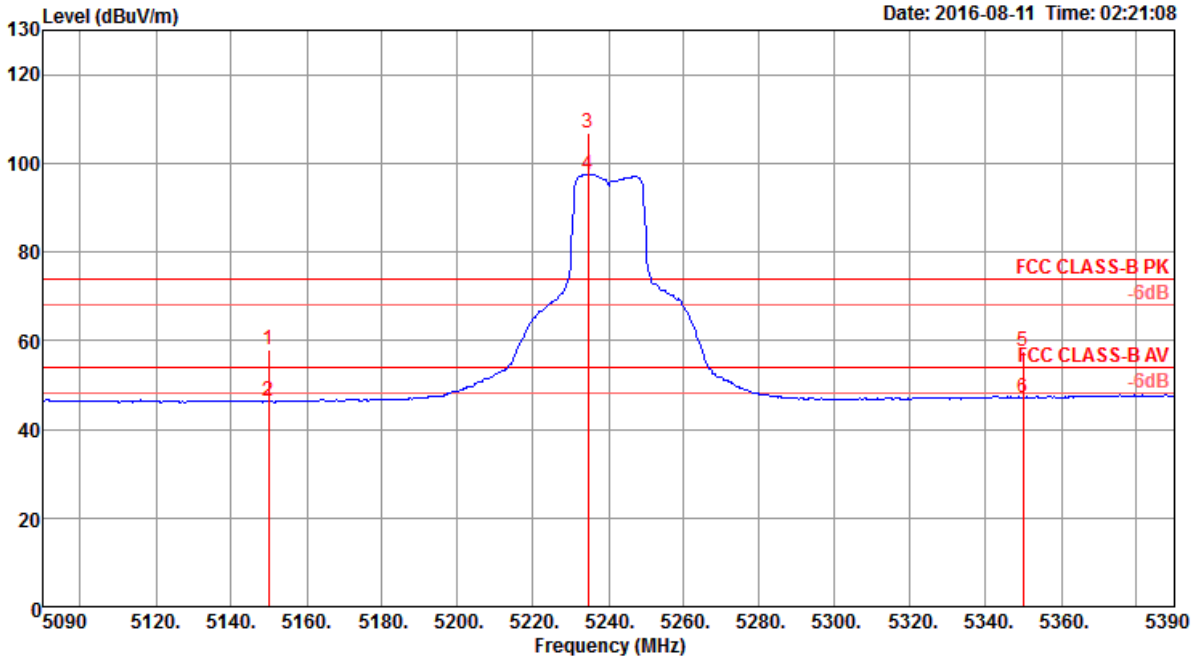
Channel 40



	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	5150.00	50.34	54.00	-3.66	42.23	7.88	33.17	32.94	209	344	Average	VERTICAL
2	5150.00	65.49	74.00	-8.51	57.38	7.88	33.17	32.94	209	344	Peak	VERTICAL
3	5194.40	103.86			95.62	7.92	33.25	32.93	209	344	Average	VERTICAL
4	5194.40	112.94			104.70	7.92	33.25	32.93	209	344	Peak	VERTICAL

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

Channel 48

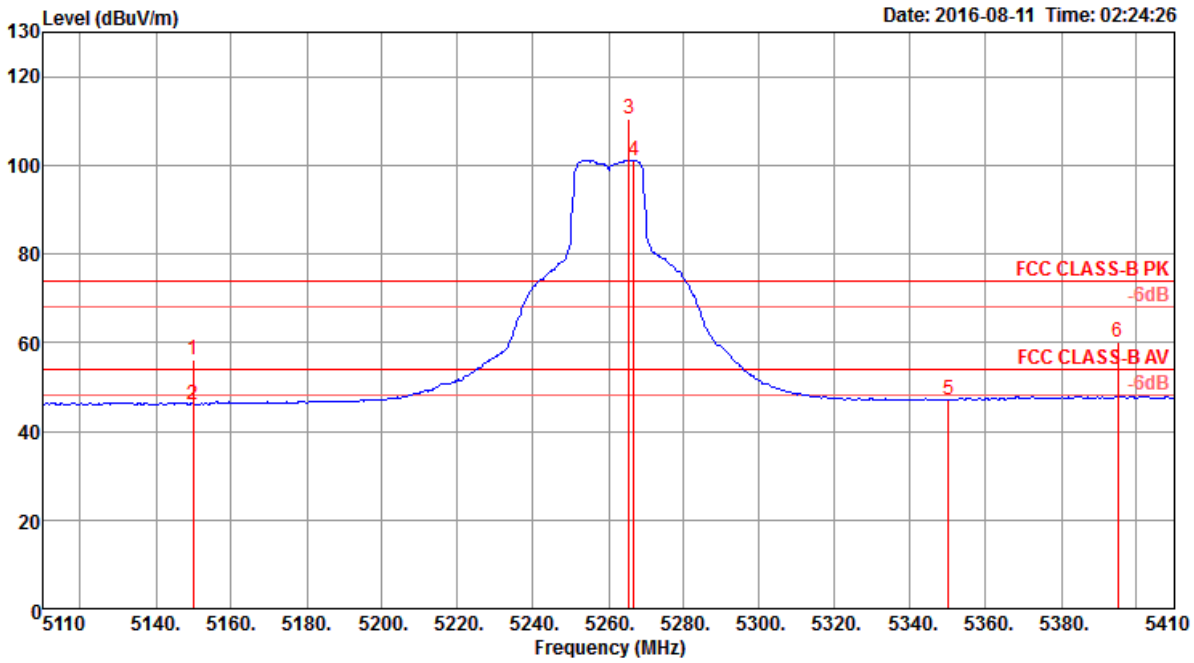


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5150.00	57.96	74.00	-16.04	51.22	7.90	33.31	34.47	243	292	Peak	VERTICAL
2	5150.00	46.37	54.00	-7.63	39.63	7.90	33.31	34.47	243	292	Average	VERTICAL
3	5234.60	106.75			99.83	7.95	33.44	34.47	243	292	Peak	VERTICAL
4	5234.60	97.42			90.50	7.95	33.44	34.47	243	292	Average	VERTICAL
5	5350.00	57.63	74.00	-16.37	50.62	7.89	33.59	34.47	243	292	Peak	VERTICAL
6	5350.00	46.98	54.00	-7.02	39.97	7.89	33.59	34.47	243	292	Average	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 52, 60, 64 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

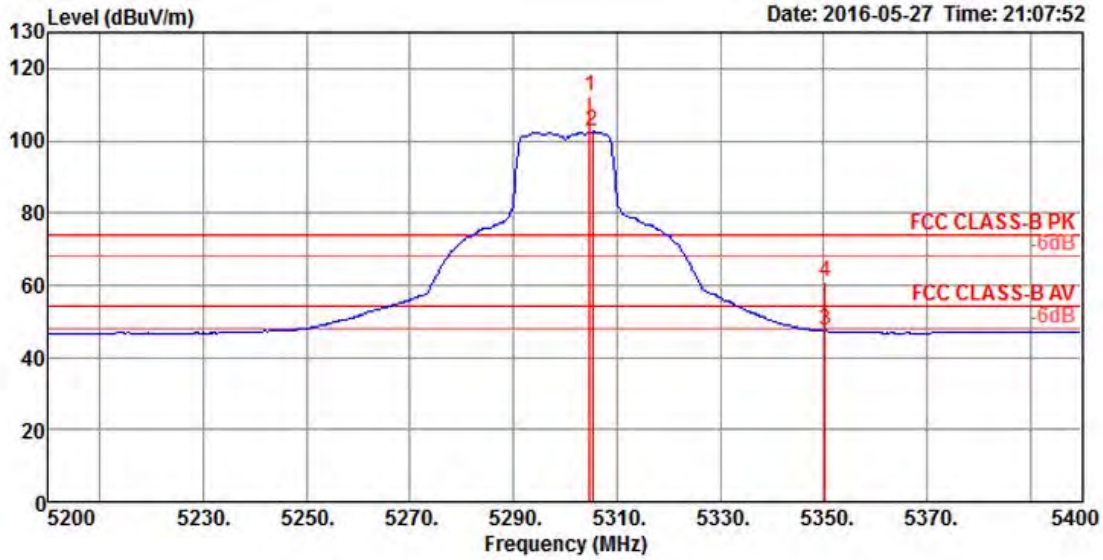
Channel 52



	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	5150.00	56.19	74.00	-17.81	49.45	7.90	33.31	34.47	212	87	Peak	VERTICAL
2	5150.00	46.13	54.00	-7.87	39.39	7.90	33.31	34.47	212	87	Average	VERTICAL
3	5265.40	110.59			103.65	7.93	33.48	34.47	212	87	Peak	VERTICAL
4	5266.60	101.19			94.25	7.93	33.48	34.47	212	87	Average	VERTICAL
5	5350.00	47.02	54.00	-6.98	40.01	7.89	33.59	34.47	212	87	Average	VERTICAL
6	5395.00	60.26	74.00	-13.74	53.22	7.86	33.65	34.47	212	87	Peak	VERTICAL

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

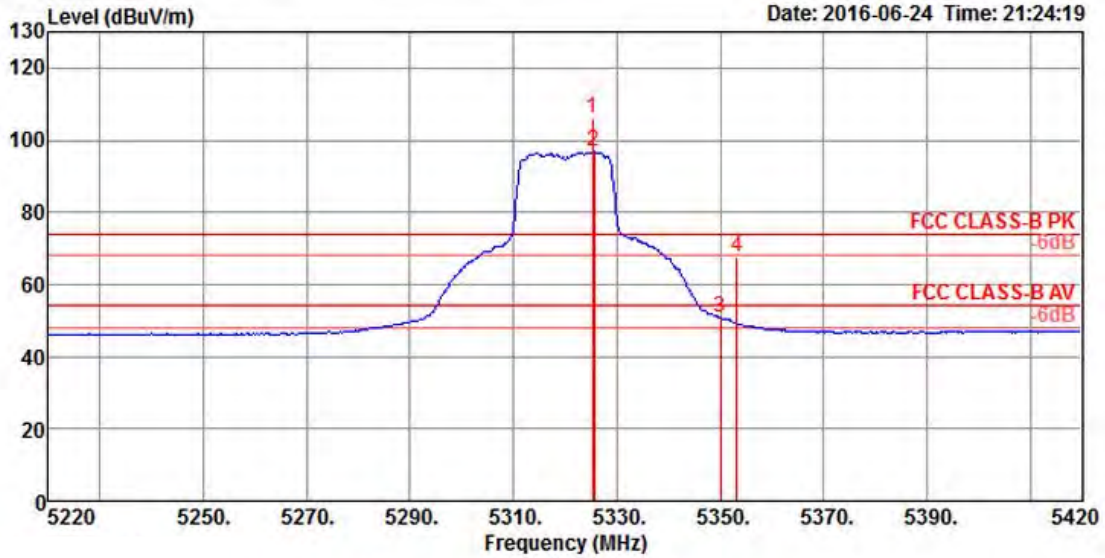
Channel 60



	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	5304.80	112.06			103.63	7.89	33.45	32.91	186	12	Peak	VERTICAL
2	5305.20	102.53			94.10	7.89	33.45	32.91	186	12	Average	VERTICAL
3	5350.40	47.34	54.00	-6.66	38.83	7.88	33.53	32.90	186	12	Average	VERTICAL
4	5350.40	60.70	74.00	-13.30	52.19	7.88	33.53	32.90	186	12	Peak	VERTICAL

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

Channel 64

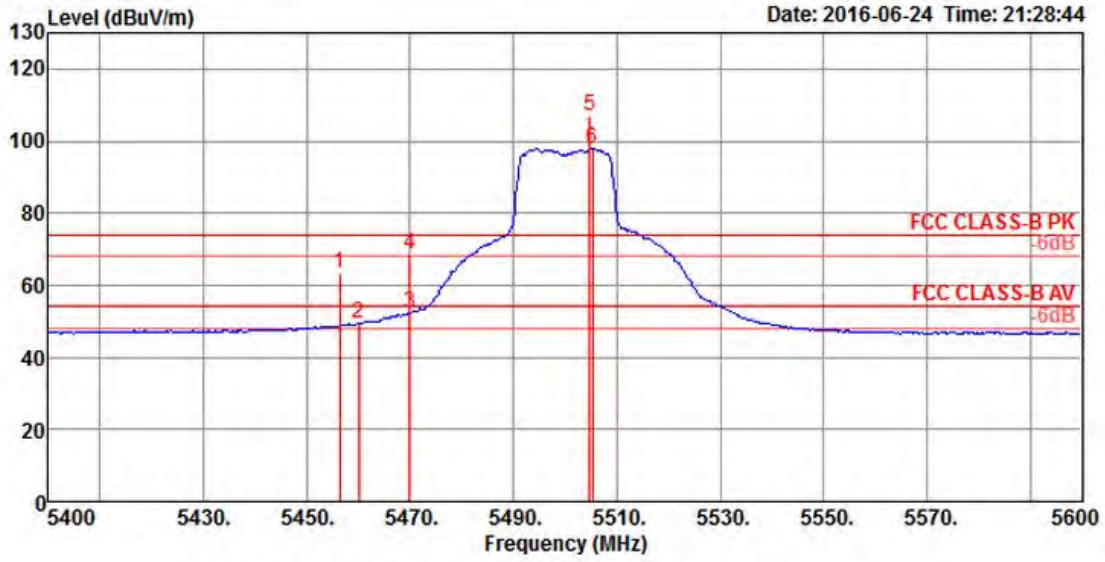


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5325.20	106.05			98.43	7.58	31.67	31.63	112	35	Peak	VERTICAL
2	5325.60	96.96			89.34	7.58	31.67	31.63	112	35	Average	VERTICAL
3	5350.00	50.66	54.00	-3.34	43.00	7.60	31.68	31.62	112	35	Average	VERTICAL
4	5353.20	67.75	74.00	-6.25	60.09	7.60	31.68	31.62	112	35	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 100, 116, 140 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

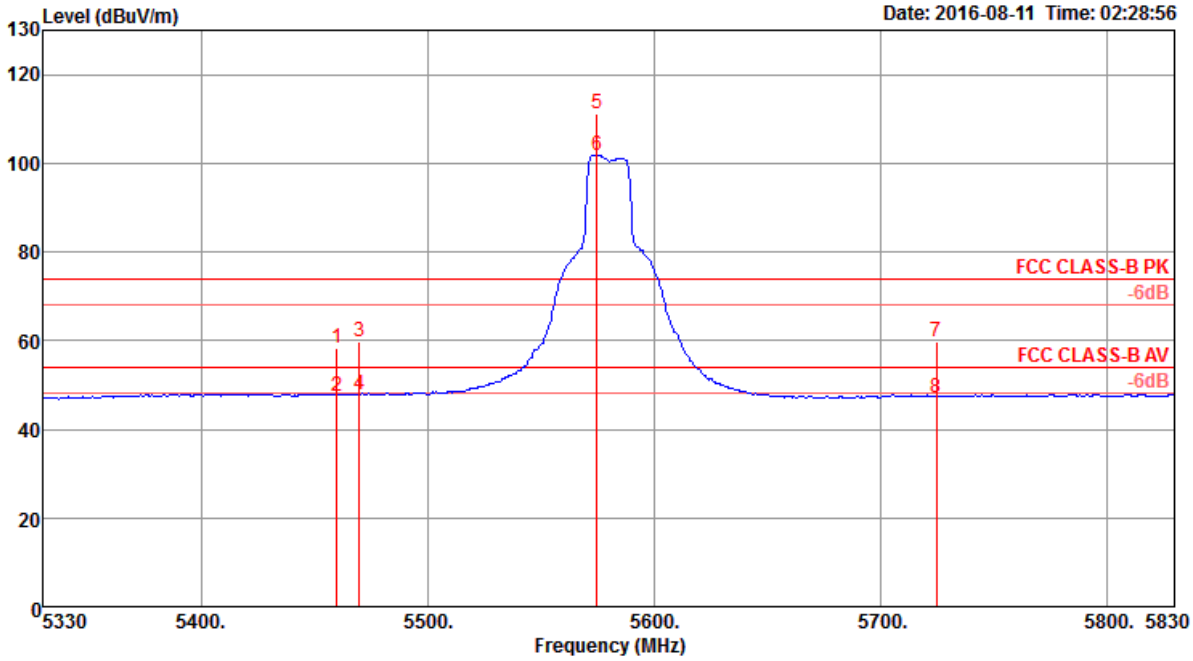
Channel 100



	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	63.47	74.00	-10.53	55.68	7.64	31.76	31.61	100	35	Peak	VERTICAL
2	5460.00	49.63	54.00	-4.37	41.84	7.64	31.76	31.61	100	35	Average	VERTICAL
3	5470.00	52.33	54.00	-1.67	44.52	7.64	31.78	31.61	100	35	Average	VERTICAL
4	5470.00	68.39	74.00	-5.61	60.58	7.64	31.78	31.61	100	35	Peak	VERTICAL
5	5504.80	107.06			99.24	7.63	31.80	31.61	100	35	Peak	VERTICAL
6	5505.20	97.99			90.17	7.63	31.80	31.61	100	35	Average	VERTICAL

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

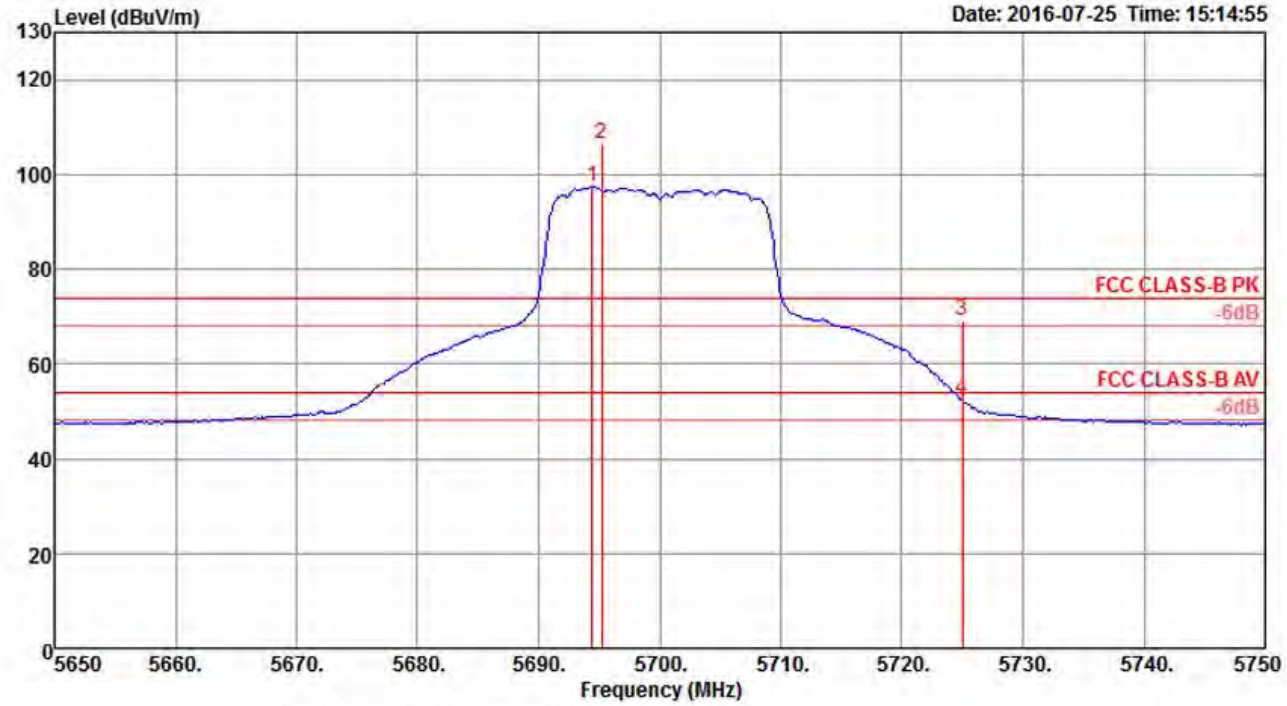
Channel 116



	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	5460.00	58.21	74.00	-15.79	51.05	7.89	33.74	34.47	224	92	Peak	VERTICAL
2	5460.00	47.55	54.00	-6.45	40.39	7.89	33.74	34.47	224	92	Average	VERTICAL
3	5470.00	59.83	74.00	-14.17	52.64	7.90	33.76	34.47	224	92	Peak	VERTICAL
4	5470.00	47.69	54.00	-6.31	40.50	7.90	33.76	34.47	224	92	Average	VERTICAL
5	5575.00	111.14			103.68	7.94	34.00	34.48	224	92	Peak	VERTICAL
6	5575.00	101.80			94.34	7.94	34.00	34.48	224	92	Average	VERTICAL
7	5725.00	59.67	74.00	-14.33	51.81	7.87	34.50	34.51	224	92	Peak	VERTICAL
8	5725.00	47.17	54.00	-6.83	39.31	7.87	34.50	34.51	224	92	Average	VERTICAL

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

Channel 140

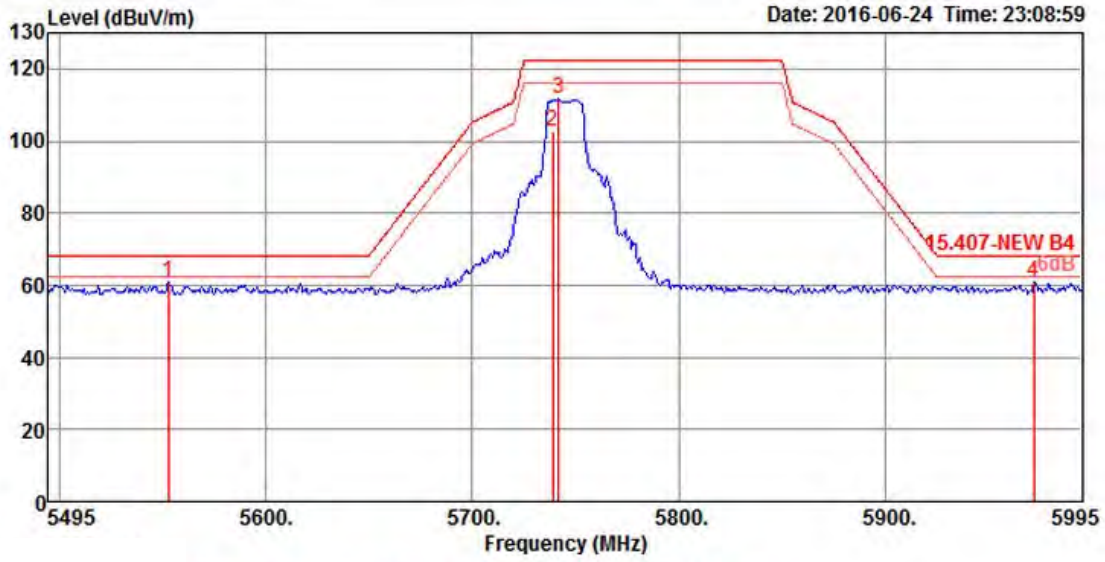


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5694.40	97.41			89.63	7.89	34.40	34.51	151	306	Average	VERTICAL
2	5695.20	106.60			98.82	7.89	34.40	34.51	151	306	Peak	VERTICAL
3	5725.00	69.07	74.00	-4.93	61.21	7.87	34.50	34.51	151	306	Peak	VERTICAL
4	5725.00	52.33	54.00	-1.67	44.47	7.87	34.50	34.51	151	306	Average	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

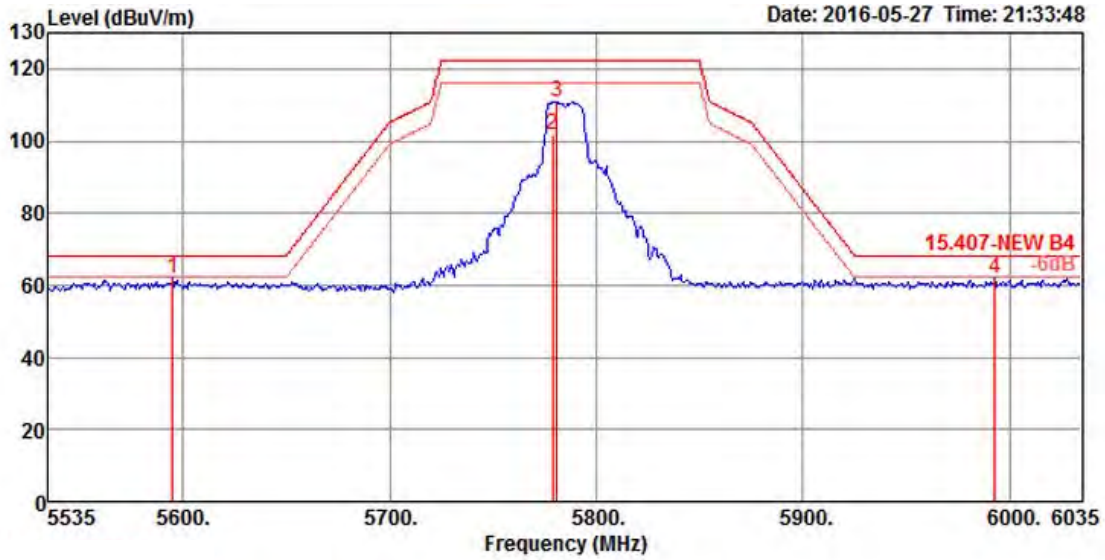
Channel 149



	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	5553.00	61.02	68.20	-7.18	53.17	7.62	31.86	31.63	104	95	Peak	VERTICAL
2	5739.00	102.61			94.46	7.76	32.10	31.71	104	95	Average	VERTICAL
3	5742.00	111.64			103.49	7.76	32.10	31.71	104	95	Peak	VERTICAL
4	5972.00	60.79	68.20	-7.41	52.32	7.91	32.36	31.80	104	95	Peak	VERTICAL

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

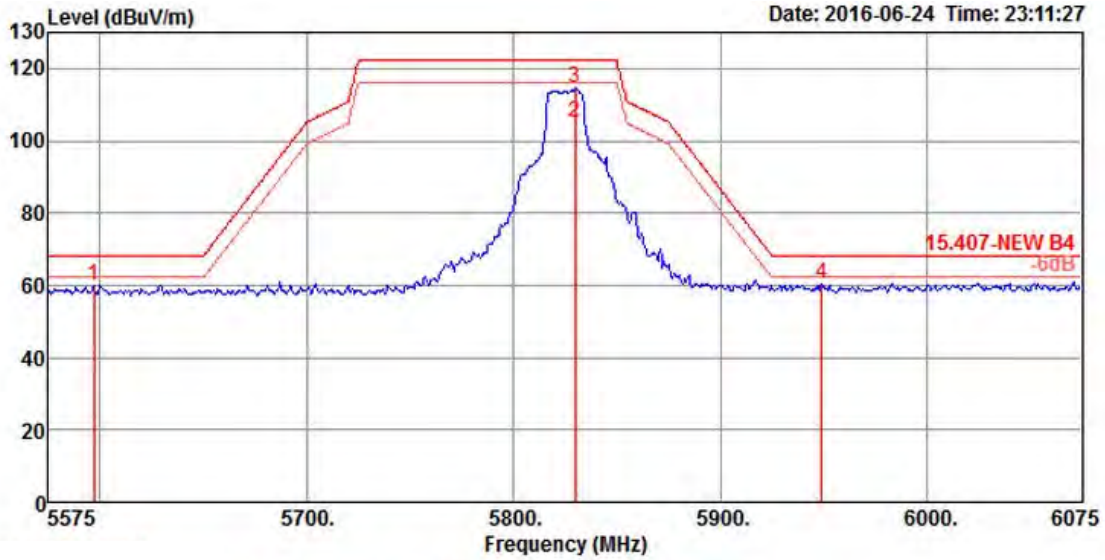
Channel 157



	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	5595.00	61.65	68.20	-6.55	51.98	8.47	34.08	32.88	142	336	Peak	VERTICAL
2	5779.00	101.93			91.83	8.41	34.59	32.90	142	336	Average	VERTICAL
3	5781.00	110.89			100.79	8.41	34.59	32.90	142	336	Peak	VERTICAL
4	5993.00	61.87	68.20	-6.33	51.23	8.36	35.20	32.92	142	336	Peak	VERTICAL

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

Channel 165

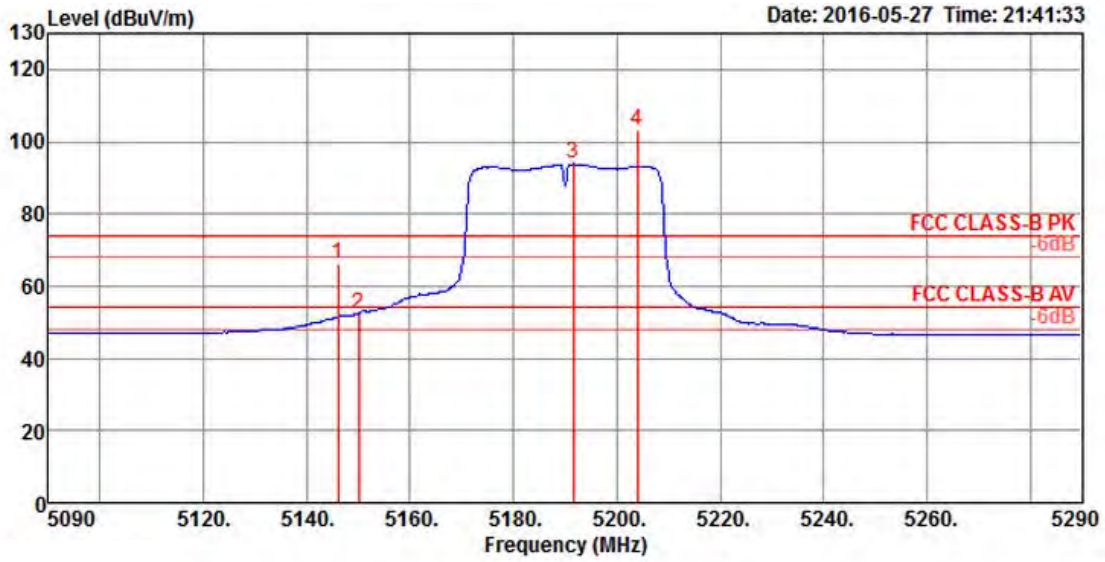


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5597.00	60.18	68.20	-8.02	52.30	7.61	31.92	31.65	113	351	Peak	VERTICAL
2	5830.00	104.92			96.63	7.83	32.20	31.74	113	351	Average	VERTICAL
3	5830.00	114.45			106.16	7.83	32.20	31.74	113	351	Peak	VERTICAL
4	5949.00	60.64	68.20	-7.56	52.19	7.90	32.34	31.79	113	351	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

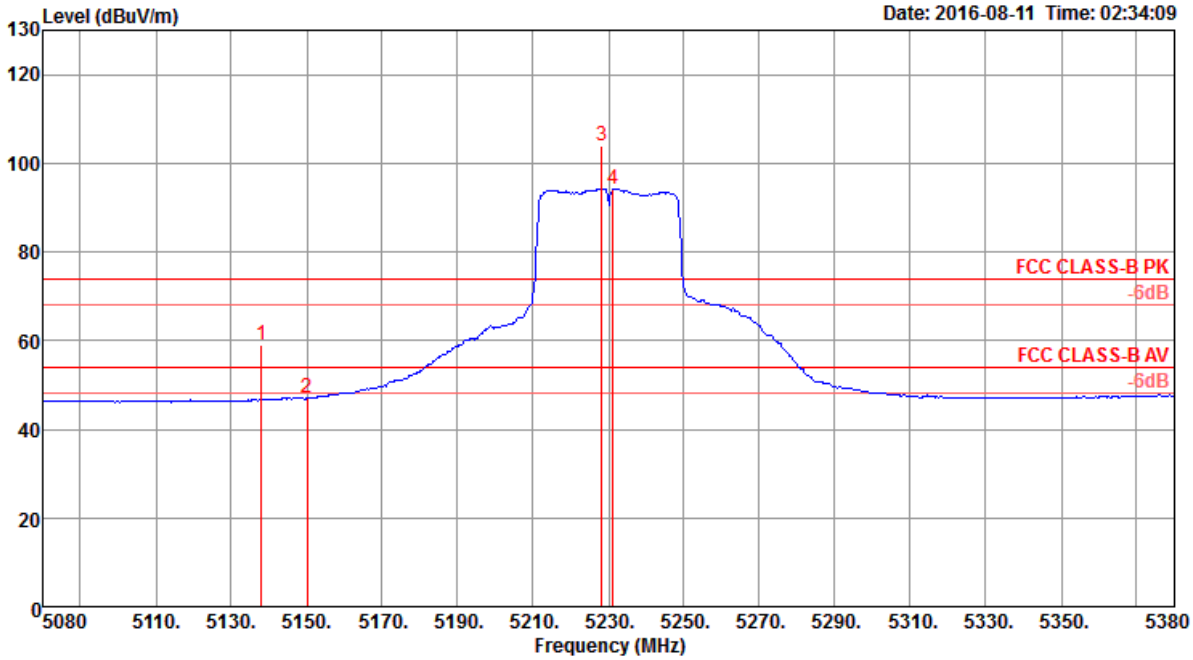
Channel 38



	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	5146.00	65.99	74.00	-8.01	57.88	7.88	33.17	32.94	179	17	Peak	VERTICAL
2	5150.00	52.35	54.00	-1.65	44.24	7.88	33.17	32.94	179	17	Average	VERTICAL
3	5191.60	93.81			85.57	7.92	33.25	32.93	179	17	Average	VERTICAL
4	5204.00	103.30			95.03	7.92	33.28	32.93	179	17	Peak	VERTICAL

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

Channel 46

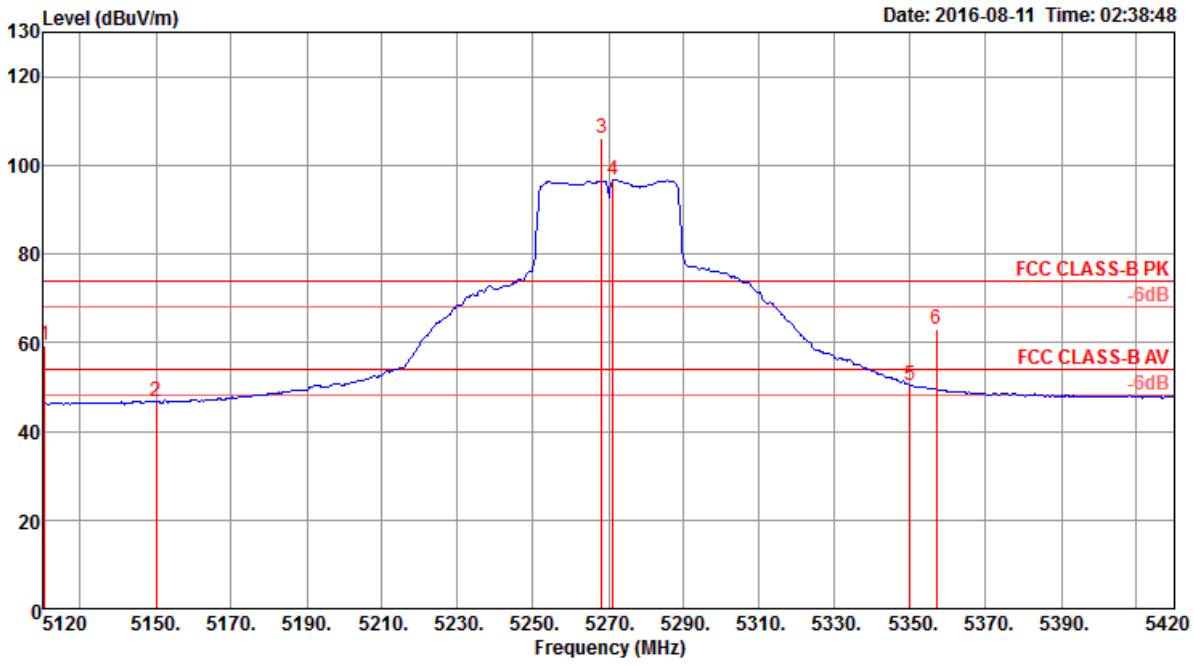


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5138.00	58.90	74.00	-15.10	52.20	7.88	33.29	34.47	239	288	Peak	VERTICAL
2	5150.00	47.01	54.00	-6.99	40.27	7.90	33.31	34.47	239	288	Average	VERTICAL
3	5228.20	104.01			97.10	7.96	33.42	34.47	239	288	Peak	VERTICAL
4	5231.20	94.24			87.33	7.96	33.42	34.47	239	288	Average	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 54, 62 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

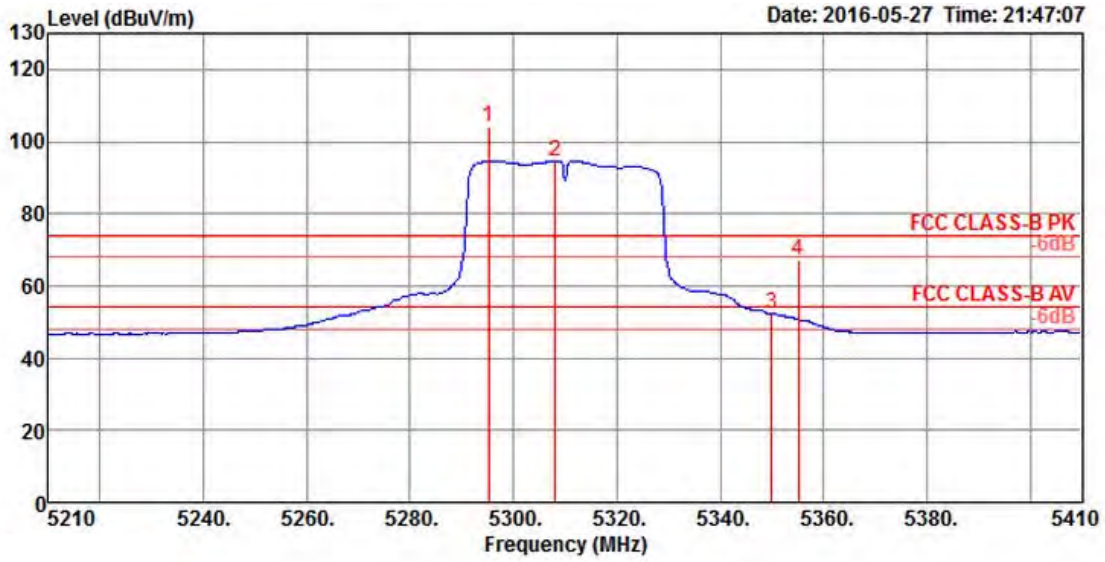
Channel 54



	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	5120.60	59.28	74.00	-14.72	52.63	7.85	33.27	34.47	220	90	Peak	VERTICAL
2	5150.00	46.60	54.00	-7.40	39.86	7.90	33.31	34.47	220	90	Average	VERTICAL
3	5268.20	106.23			99.29	7.93	33.48	34.47	220	90	Peak	VERTICAL
4	5271.20	96.65			89.71	7.93	33.48	34.47	220	90	Average	VERTICAL
5	5350.00	50.45	54.00	-3.55	43.44	7.89	33.59	34.47	220	90	Average	VERTICAL
6	5357.00	62.84	74.00	-11.16	55.82	7.88	33.61	34.47	220	90	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5270 MHz.

Channel 62

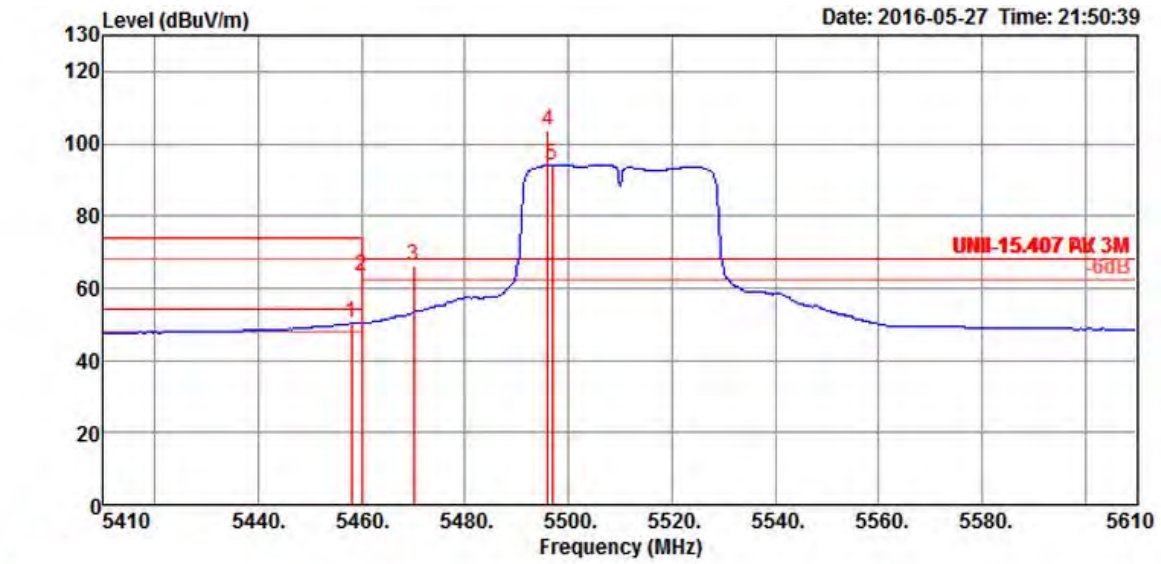


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5295.20	104.13			95.70	7.89	33.45	32.91	209	11	Peak	VERTICAL
2	5308.00	94.72			86.27	7.89	33.47	32.91	209	11	Average	VERTICAL
3	5350.00	52.22	54.00	-1.78	43.71	7.88	33.53	32.90	209	11	Average	VERTICAL
4	5355.20	67.15	74.00	-6.85	58.62	7.88	33.55	32.90	209	11	Peak	VERTICAL

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

Temperature	22℃	Humidity	54%
Test Engineer	Gino Huang	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 102, 110, 134 / Chain 2
Test Date	May 19, 2016 ~ Aug. 11, 2016		

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	5458.00	50.30	54.00	-3.70	41.41	8.05	33.72	32.88	168	340	Average	VERTICAL
2	5460.00	63.43	74.00	-10.57	54.54	8.05	33.72	32.88	168	340	Peak	VERTICAL
3	5470.00	66.43	68.20	-1.77	57.45	8.10	33.75	32.87	168	340	Peak	VERTICAL
4	5496.00	103.56			94.44	8.19	33.80	32.87	168	340	Peak	VERTICAL
5	5496.80	94.14			85.02	8.19	33.80	32.87	168	340	Average	VERTICAL

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