Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10967.64	44.74	54.00	-9.26	28.62	10.53	38.99	33.40	168	176	Average	HORIZONTAL
2	10975.96	57.42	74.00	-16.58	41.29	10.53	39.00	33.40	168	176	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10965.40	44.81	54.00	-9.19	28.69	10.53	38.99	33.40	199	158	Average	VERTICAL
2	10968.48	57.89	74.00	-16.11	41.77	10.53	38.99	33.40	199	158	Peak	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10945.24	44.97	54.00	-9.03	28.89	10.50	38.99	33.41	257	109	Average	HORIZONTAL
2	10953.96	57.15	74.00	-16.85	41.07	10.50	38.99	33.41	257	109	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	10952.60	45.00	54.00	-9.00	28.92	10.50	38.99	33.41	154	141	Average	VERTICAL
2	10955.52	56.90	74.00	-17.10	40.82	10.50	38.99	33.41	154	141	Peak	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4814.36	32.34	54.00	-21.66	29.49	5.38	32.76	35.29	125	114	HORIZONTAL	Average
2	4817.60	45.02	74.00	-28.98	42.17	5.38	32.76	35.29	125	114	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4818.52	34.26	54.00	-19.74	31.41	5.38	32.76	35.29	166	154	VERTICAL	Average
2	4824.52	46.46	74.00	-27.54	43.62	5.38	32.76	35.30	166	154	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4870.80	44.42	74.00	-29.58	41.53	5.40	32.80	35.31	157	87	HORIZONTAL	Peak
2	4877.40	32.09	54.00	-21.91	29.21	5.40	32.80	35.32	157	87	HORIZONTAL	Average
3	7310.12	50.33	74.00	-23.67	41.52	7.05	37.12	35.36	160	142	HORIZONTAL	Peak
4	7312.44	37.95	54.00	-16.05	29.14	7.05	37.12	35.36	160	142	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4875.00	33.78	54.00	-20.22	30.90	5.40	32.80	35.32	150	89	VERTICAL	Average
2	4878.28	44.74	74.00	-29.26	41.86	5.40	32.80	35.32	150	89	VERTICAL	Peak
3	7302.84	39.80	54.00	-14.20	31.01	7.03	37.12	35.36	150	232	VERTICAL	Average
4	7304.00	52.25	74.00	-21.75	43.46	7.03	37.12	35.36	150	232	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4914.60	31.27	54.00	-22.73	28.35	5.42	32.83	35.33	139	290	HORIZONTAL	Average
2	4932.60	44.14	74.00	-29.86	41.22	5.42	32.84	35.34	139	290	HORIZONTAL	Peak
3	7380.08	50.95	74.00	-23.05	42.02	7.09	37.16	35.32	167	216	HORIZONTAL	Peak
4	7388.32	38.30	54.00	-15.70	29.35	7.10	37.16	35.31	167	216	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4922.40	45.63	74.00	-28.37	42.71	5.42	32.83	35.33	157	43	VERTICAL	Peak
2	4923.28	33.21	54.00	-20.79	30.29	5.42	32.83	35.33	157	43	VERTICAL	Average
3	7384.60	51.57	74.00	-22.43	42.63	7.10	37.16	35.32	170	130	VERTICAL	Peak
4	7386.08	39.53	54.00	-14.47	30.59	7.10	37.16	35.32	170	130	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4839.38	44.53	74.00	-29.47	41.66	5.39	32.78	35.30	150	33	HORIZONTAL	Peak
2	4845.90	31.31	54.00	-22.69	28.44	5.39	32.78	35.30	150	33	HORIZONTAL	Average
3	7257.44	37.35	54.00	-16.65	28.62	7.01	37.11	35.39	150	83	HORIZONTAL	Average
4	7265.92	50.40	74.00	-23.60	41.67	7.01	37.11	35.39	150	83	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4835.32	44.12	74.00	-29.88	41.26	5.39	32.77	35.30	146	244	VERTICAL	Peak
2	4836.44	31.42	54.00	-22.58	28.56	5.39	32.77	35.30	146	244	VERTICAL	Average
3	7261.36	39.11	54.00	-14.89	30.38	7.01	37.11	35.39	150	195	VERTICAL	Average
4	7263.36	51.58	74.00	-22.42	42.85	7.01	37.11	35.39	150	195	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4874.16	31.46	54.00	-22.54	28.57	5.40	32.80	35.31	150	207	HORIZONTAL	Average
2	4877.40	44.37	74.00	-29.63	41.49	5.40	32.80	35.32	150	207	HORIZONTAL	Peak
3	7307.34	50.45	74.00	-23.55	41.64	7.05	37.12	35.36	150	185	HORIZONTAL	Peak
4	7314.48	37.70	54.00	-16.30	28.89	7.05	37.12	35.36	150	185	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4874.42	44.10	74.00	-29.90	41.21	5.40	32.80	35.31	150	206	VERTICAL	Peak
2	4878.78	31.71	54.00	-22.29	28.83	5.40	32.80	35.32	150	206	VERTICAL	Average
3	7307.56	39.78	54.00	-14.22	30.97	7.05	37.12	35.36	150	144	VERTICAL	Average
4	7309.32	53.18	74.00	-20.82	44.37	7.05	37.12	35.36	150	144	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4901.58	31.03	54.00	-22.97	28.12	5.41	32.82	35.32	200	55	HORIZONTAL	Average
2	4905.02	44.04	74.00	-29.96	41.14	5.41	32.82	35.33	200	55	HORIZONTAL	Peak
3	7358.36	37.94	54.00	-16.06	29.03	7.09	37.15	35.33	169	143	HORIZONTAL	Average
4	7360.76	49.91	74.00	-24.09	41.00	7.09	37.15	35.33	169	143	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4900.70	44.08	74.00	-29.92	41.17	5.41	32.82	35.32	180	114	VERTICAL	Peak
2	4905.62	30.80	54.00	-23.20	27.90	5.41	32.82	35.33	180	114	VERTICAL	Average
3	7352.60	51.15	74.00	-22.85	42.28	7.07	37.14	35.34	180	220	VERTICAL	Peak
4	7355.86	38.82	54.00	-15.18	29.94	7.07	37.14	35.33	180	220	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.72	33.78	54.00	-20.22	30.89	5.40	32.80	35.31	162	49	HORIZONTAL	Average
2	4881.80	45.33	74.00	-28.67	42.44	5.40	32.81	35.32	162	49	HORIZONTAL	Peak
3	7310.32	50.94	74.00	-23.06	42.13	7.05	37.12	35.36	150	120	HORIZONTAL	Peak
4	7311.08	39.04	54.00	-14.96	30.23	7.05	37.12	35.36	150	120	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4872.08	47.58	74.00	-26.42	44.69	5.40	32.80	35.31	152	336	VERTICAL	Peak
2	4873.64	34.12	54.00	-19.88	31.23	5.40	32.80	35.31	152	336	VERTICAL	Average
3	7310.84	41.55	54.00	-12.45	32.74	7.05	37.12	35.36	150	47	VERTICAL	Average
4	7316.40	54.49	74.00	-19.51	45.67	7.05	37.13	35.36	150	47	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11491.72	38.26	54.00	-15.74	28.09	6.53	38.30	34.66	170	123	Average	HORIZONTAL
2	11495.32	50.62	74.00	-23.38	40.45	6.53	38.30	34.66	170	123	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11493.28	58.22	74.00	-15.78	48.05	6.53	38.30	34.66	15	110	Peak	VERTICAL
2	11495.32	45.08	54.00	-8.92	34.91	6.53	38.30	34.66	15	110	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11579.40	38.29	54.00	-15.71	28.10	6.55	38.33	34.69	108	152	Average	HORIZONTAL
2	11579.40	38.29	54.00	-15.71	28.10	6.55	38.33	34.69	108	152	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11560.96	58.79	74.00	-15.21	48.60	6.55	38.32	34.68	89	134	Peak	VERTICAL
2	11579.68	45.38	54.00	-8.62	35.19	6.55	38.33	34.69	89	134	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11647.04	52.52	74.00	-21.48	42.32	6.56	38.36	34.72	107	134	Peak	HORIZONTAL
2	11659.32	39.31	54.00	-14.69	29.11	6.56	38.36	34.72	107	134	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11640.28	57.93	74.00	-16.07	47.72	6.56	38.36	34.71	147	147	Peak	VERTICAL
2	11653.96	45.25	54.00	-8.75	35.05	6.56	38.36	34.72	147	147	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11500.12	50.67	74.00	-23.33	40.49	6.54	38.30	34.66	219	162	Peak	HORIZONTAL
2	11513.80	38.03	54.00	-15.97	27.85	6.54	38.30	34.66	219	162	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11511.92	54.53	74.00	-19.47	44.35	6.54	38.30	34.66	302	144	Peak	VERTICAL
2	11515.88	41.04	54.00	-12.96	30.85	6.54	38.31	34.66	302	144	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11593.08	52.84	74.00	-21.16	42.65	6.55	38.33	34.69	209	161	Peak	HORIZONTAL
2	11595.88	38.96	54.00	-15.04	28.78	6.55	38.33	34.70	209	161	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11580.16	57.57	74.00	-16.43	47.38	6.55	38.33	34.69	205	147	Peak	VERTICAL
2	11598.96	44.63	54.00	-9.37	34.45	6.55	38.33	34.70	205	147	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11545.20	38.17	54.00	-15.83	28.00	6.54	38.31	34.68	223	143	Average	HORIZONTAL
2	11553.20	50.73	74.00	-23.27	40.54	6.55	38.32	34.68	223	143	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11541.76	54.03	74.00	-19.97	43.85	6.54	38.31	34.67	181	120	Peak	VERTICAL
2	11553.40	41.30	54.00	-12.70	31.11	6.55	38.32	34.68	181	120	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11502.40	50.64	74.00	-23.36	40.46	6.54	38.30	34.66	138	153	Peak	HORIZONTAL
2	11504.60	37.53	54.00	-16.47	27.35	6.54	38.30	34.66	138	153	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11486.05	58.81	74.00	-15.19	48.64	6.53	38.30	34.66	242	176	Peak	VERTICAL
2	11503.77	45.55	54.00	-8.45	35.37	6.54	38.30	34.66	242	176	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11575.70	51.61	74.00	-22.39	41.42	6.55	38.33	34.69	259	139	Peak	HORIZONTAL
2	11583.40	38.71	54.00	-15.29	28.52	6.55	38.33	34.69	259	139	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11576.25	46.84	54.00	-7.16	36.65	6.55	38.33	34.69	88	164	Average	VERTICAL
2	11579.55	59.35	74.00	-14.65	49.16	6.55	38.33	34.69	88	164	Peak	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11650.65	52.12	74.00	-21.88	41.92	6.56	38.36	34.72	102	151	Peak	HORIZONTAL
2	11661.90	39.69	54.00	-14.31	29.49	6.56	38.36	34.72	102	151	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11637.25	58.56	74.00	-15.44	48.35	6.56	38.36	34.71	242	225	Peak	VERTICAL
2	11664.90	45.72	54.00	-8.28	35.52	6.56	38.36	34.72	242	225	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11508.35	51.10	74.00	-22.90	40.92	6.54	38.30	34.66	60	149	Peak	HORIZONTAL
2	11516.85	38.08	54.00	-15.92	27.89	6.54	38.31	34.66	60	149	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11519.40	53.72	74.00	-20.28	43.54	6.54	38.31	34.67	97	144	Peak	VERTICAL
2	11522.90	41.19	54.00	-12.81	31.01	6.54	38.31	34.67	97	144	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11599.70	52.17	74.00	-21.83	41.98	6.55	38.34	34.70	242	225	Peak	HORIZONTAL
2	11604.35	39.16	54.00	-14.84	28.97	6.55	38.34	34.70	242	225	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11598.45	57.91	74.00	-16.09	47.73	6.55	38.33	34.70	208	167	Peak	VERTICAL
2	11600.60	44.17	54.00	-9.83	33.98	6.55	38.34	34.70	208	167	Average	VERTICAL

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11546.30	38.48	54.00	-15.52	28.31	6.54	38.31	34.68	301	168	Average	HORIZONTAL
2	11552.15	51.16	74.00	-22.84	40.97	6.55	38.32	34.68	301	168	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11546.20	42.37	54.00	-11.63	32.20	6.54	38.31	34.68	83	140	Average	VERTICAL
2	11561.00	53.95	74.00	-20.05	43.76	6.55	38.32	34.68	83	140	Peak	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.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11b CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4823.48	45.36	74.00	-28.64	42.52	5.38	32.76	35.30	107	142	HORIZONTAL	Peak
2	4823.99	33.17	54.00	-20.83	30.33	5.38	32.76	35.30	107	142	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4823.88	34.64	54.00	-19.36	31.80	5.38	32.76	35.30	116	272	VERTICAL	Average
2	4823.99	46.25	74.00	-27.75	43.41	5.38	32.76	35.30	116	272	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11b CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.86	46.15	74.00	-27.85	43.26	5.40	32.80	35.31	120	162	HORIZONTAL	Peak
2	4873.97	34.10	54.00	-19.90	31.21	5.40	32.80	35.31	120	162	HORIZONTAL	Average
3	7320.26	51.76	74.00	-22.24	42.93	7.05	37.13	35.35	150	353	HORIZONTAL	Peak
4	7320.55	37.04	54.00	-16.96	28.21	7.05	37.13	35.35	150	353	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.84	46.95	74.00	-27.05	44.06	5.40	32.80	35.31	125	63	VERTICAL	Peak
2	4873.96	36.33	54.00	-17.67	33.44	5.40	32.80	35.31	125	63	VERTICAL	Average
3	7309.96	51.09	74.00	-22.91	42.28	7.05	37.12	35.36	100	336	VERTICAL	Peak
4	7310.97	38.69	54.00	-15.31	29.88	7.05	37.12	35.36	100	336	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11b CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4924.00	37.79	54.00	-16.21	34.86	5.42	32.84	35.33	141	360	HORIZONTAL	Average
2	4924.29	46.16	74.00	-27.84	43.23	5.42	32.84	35.33	141	360	HORIZONTAL	Peak
3	7382.12	51.64	74.00	-22.36	42.71	7.09	37.16	35.32	101	349	HORIZONTAL	Peak
4	7386.03	39.14	54.00	-14.86	30.20	7.10	37.16	35.32	101	328	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4924.00	41.70	54.00	-12.30	38.77	5.42	32.84	35.33	100	191	VERTICAL	Average
2	4924.00	47.92	74.00	-26.08	44.99	5.42	32.84	35.33	100	191	VERTICAL	Peak
3	7385.83	51.94	74.00	-22.06	43.00	7.10	37.16	35.32	102	276	VERTICAL	Peak
4	7385.91	39.36	54.00	-14.64	30.42	7.10	37.16	35.32	102	276	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11g CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4814.59	44.60	74.00	-29.40	41.75	5.38	32.76	35.29	111	310	HORIZONTAL	Peak
2	4825.56	32.00	54.00	-22.00	29.15	5.38	32.77	35.30	111	310	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4822.23	30.95	54.00	-23.05	28.11	5.38	32.76	35.30	159	292	VERTICAL	Average
2	4823.48	44.99	74.00	-29.01	42.15	5.38	32.76	35.30	159	292	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11g CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4866.27	32.21	54.00	-21.79	29.33	5.40	32.79	35.31	118	291	HORIZONTAL	Average
2	4868.47	45.24	74.00	-28.76	42.35	5.40	32.80	35.31	118	291	HORIZONTAL	Peak
3	7320.44	38.21	54.00	-15.79	29.38	7.05	37.13	35.35	107	261	HORIZONTAL	Average
4	7320.64	51.22	74.00	-22.78	42.39	7.05	37.13	35.35	107	261	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4872.76	45.92	74.00	-28.08	43.03	5.40	32.80	35.31	110	59	VERTICAL	Peak
2	4876.32	33.25	54.00	-20.75	30.37	5.40	32.80	35.32	110	59	VERTICAL	Average
3	7311.00	38.34	54.00	-15.66	29.53	7.05	37.12	35.36	103	261	VERTICAL	Average
4	7314.62	51.95	74.00	-22.05	43.14	7.05	37.12	35.36	103	261	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11g CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4923.48	45.71	74.00	-28.29	42.79	5.42	32.83	35.33	119	206	HORIZONTAL	Peak
2	4928.02	31.58	54.00	-22.42	28.65	5.42	32.84	35.33	119	206	HORIZONTAL	Average
3	7376.54	50.63	74.00	-23.37	41.71	7.09	37.15	35.32	158	234	HORIZONTAL	Peak
4	7393.29	38.75	54.00	-15.25	29.80	7.10	37.16	35.31	158	234	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4921.71	31.69	54.00	-22.31	28.77	5.42	32.83	35.33	124	117	VERTICAL	Average
2	4931.67	44.41	74.00	-29.59	41.49	5.42	32.84	35.34	124	117	VERTICAL	Peak
3	7388.46	52.33	74.00	-21.67	43.38	7.10	37.16	35.31	144	176	VERTICAL	Peak
4	7395.55	38.74	54.00	-15.26	29.79	7.10	37.16	35.31	144	176	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4824.15	45.43	74.00	-28.57	42.59	5.38	32.76	35.30	115	233	HORIZONTAL	Peak
2	4824.22	31.77	54.00	-22.23	28.93	5.38	32.76	35.30	115	233	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4824.10	44.84	74.00	-29.16	42.00	5.38	32.76	35.30	124	276	VERTICAL	Peak
2	4824.20	31.69	54.00	-22.31	28.85	5.38	32.76	35.30	124	276	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4867.84	44.65	74.00	-29.35	41.76	5.40	32.80	35.31	117	190	HORIZONTAL	Peak
2	4870.15	32.13	54.00	-21.87	29.24	5.40	32.80	35.31	117	190	HORIZONTAL	Average
3	7307.30	52.05	74.00	-21.95	43.24	7.05	37.12	35.36	151	225	HORIZONTAL	Peak
4	7317.19	37.99	54.00	-16.01	29.17	7.05	37.13	35.36	151	225	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4870.67	32.06	54.00	-21.94	29.17	5.40	32.80	35.31	154	124	VERTICAL	Average
2	4873.88	44.94	74.00	-29.06	42.05	5.40	32.80	35.31	154	124	VERTICAL	Peak
3	7310.91	37.93	54.00	-16.07	29.12	7.05	37.12	35.36	195	186	VERTICAL	Average
4	7316.59	50.98	74.00	-23.02	42.16	7.05	37.13	35.36	195	186	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4918.88	45.60	74.00	-28.40	42.68	5.42	32.83	35.33	126	167	HORIZONTAL	Peak
2	4927.16	31.73	54.00	-22.27	28.80	5.42	32.84	35.33	126	167	HORIZONTAL	Average
3	7385.94	38.73	54.00	-15.27	29.79	7.10	37.16	35.32	179	217	HORIZONTAL	Average
4	7390.11	51.74	74.00	-22.26	42.79	7.10	37.16	35.31	179	217	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4916.68	46.04	74.00	-27.96	43.12	5.42	32.83	35.33	202	286	VERTICAL	Peak
2	4927.10	31.89	54.00	-22.11	28.96	5.42	32.84	35.33	202	286	VERTICAL	Average
3	7384.64	51.89	74.00	-22.11	42.95	7.10	37.16	35.32	101	274	VERTICAL	Peak
4	7385.80	40.54	54.00	-13.46	31.60	7.10	37.16	35.32	101	274	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4894.85	45.13	74.00	-28.87	42.23	5.41	32.81	35.32	142	238	HORIZONTAL	Peak
2	4900.76	31.65	54.00	-22.35	28.74	5.41	32.82	35.32	142	238	HORIZONTAL	Average
3	7349.14	51.64	74.00	-22.36	42.77	7.07	37.14	35.34	185	274	HORIZONTAL	Peak
4	7359.53	38.25	54.00	-15.75	29.34	7.09	37.15	35.33	185	274	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4895.84	44.76	74.00	-29.24	41.85	5.41	32.82	35.32	118	200	VERTICAL	Peak
2	4899.63	31.76	54.00	-22.24	28.85	5.41	32.82	35.32	118	200	VERTICAL	Average
3	7351.80	51.35	74.00	-22.65	42.48	7.07	37.14	35.34	136	237	VERTICAL	Peak
4	7356.29	38.30	54.00	-15.70	29.42	7.07	37.14	35.33	136	237	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4865.06	32.14	54.00	-21.86	29.26	5.40	32.79	35.31	177	222	HORIZONTAL	Average
2	4869.05	46.78	74.00	-27.22	43.89	5.40	32.80	35.31	177	222	HORIZONTAL	Peak
3	7315.02	50.54	74.00	-23.46	41.73	7.05	37.12	35.36	146	266	HORIZONTAL	Peak
4	7316.99	37.98	54.00	-16.02	29.16	7.05	37.13	35.36	146	266	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4867.17	32.12	54.00	-21.88	29.23	5.40	32.80	35.31	111	196	VERTICAL	Average
2	4873.07	45.44	74.00	-28.56	42.55	5.40	32.80	35.31	111	196	VERTICAL	Peak
3	7313.66	51.24	74.00	-22.76	42.43	7.05	37.12	35.36	139	238	VERTICAL	Peak
4	7313.75	38.04	54.00	-15.96	29.23	7.05	37.12	35.36	139	238	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4922.15	44.65	74.00	-29.35	41.73	5.42	32.83	35.33	193	225	HORIZONTAL	Peak
2	4928.66	31.97	54.00	-22.03	29.04	5.42	32.84	35.33	193	225	HORIZONTAL	Average
3	7392.43	51.79	74.00	-22.21	42.84	7.10	37.16	35.31	169	197	HORIZONTAL	Peak
4	7395.32	38.74	54.00	-15.26	29.79	7.10	37.16	35.31	169	197	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4929.07	41.81	74.00	-32.19	38.88	5.42	32.84	35.33	153	166	VERTICAL	Peak
2	4929.41	30.80	54.00	-23.20	27.87	5.42	32.84	35.33	153	166	VERTICAL	Average
3	7390.66	51.54	74.00	-22.46	42.59	7.10	37.16	35.31	170	218	VERTICAL	Peak
4	7395.99	38.72	54.00	-15.28	29.77	7.10	37.16	35.31	170	218	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11a CH 149 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 25, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11487.25	45.85	54.00	-8.15	29.94	11.03	35.03	39.91	HORIZONTAL	331	150	Average
2	11489.86	59.28	74.00	-14.72	43.37	11.03	35.03	39.91	HORIZONTAL	331	150	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11487.25	51.92	54.00	-2.08	36.02	11.03	35.03	39.90	VERTICAL	41	110	Average
2	11487.90	68.02	74.00	-5.98	52.12	11.03	35.03	39.90	VERTICAL	41	110	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11a CH 157 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11573.24	45.09	54.00	-8.91	32.03	8.90	39.01	34.85	108	233	HORIZONTAL	Average
2	11575.44	58.91	74.00	-15.09	45.85	8.90	39.01	34.85	108	233	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.52	49.92	54.00	-4.08	36.86	8.90	39.01	34.85	110	33	VERTICAL	Average
2	11570.28	64.08	74.00	-9.92	51.02	8.90	39.01	34.85	110	33	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11a CH 165 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11653.32	43.87	54.00	-10.13	30.90	8.93	38.89	34.85	100	231	HORIZONTAL	Average
2	11653.52	58.82	74.00	-15.18	45.85	8.93	38.89	34.85	100	231	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11648.64	60.54	74.00	-13.46	47.53	8.93	38.93	34.85	100	36	VERTICAL	Peak
2	11649.20	46.71	54.00	-7.29	33.70	8.93	38.93	34.85	100	36	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 25, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11489.54	62.13	74.00	-11.87	46.22	11.03	35.03	39.91	HORIZONTAL	127	100	Peak
2	11489.57	47.70	54.00	-6.30	31.79	11.03	35.03	39.91	HORIZONTAL	127	100	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	Pol/Phase	T/Pos	A/Pos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m		deg	cm	
1	11490.58	51.96	54.00	-2.04	36.06	11.03	35.03	39.90	VERTICAL	26	100	Average
2	11490.96	66.31	74.00	-7.69	50.41	11.03	35.03	39.90	VERTICAL	26	100	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11567.34	44.97	54.00	-9.03	31.91	8.90	39.01	34.85	100	233	HORIZONTAL	Average
2	11571.26	59.10	74.00	-14.90	46.04	8.90	39.01	34.85	100	233	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11570.16	50.15	54.00	-3.85	37.09	8.90	39.01	34.85	109	30	VERTICAL	Average
2	11570.26	65.13	74.00	-8.87	52.07	8.90	39.01	34.85	109	30	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11647.68	45.77	54.00	-8.23	32.76	8.93	38.93	34.85	100	232	HORIZONTAL	Average
2	11652.96	59.01	74.00	-14.99	46.04	8.93	38.89	34.85	100	232	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11645.28	61.31	74.00	-12.69	48.31	8.92	38.93	34.85	116	32	VERTICAL	Peak
2	11650.24	48.61	54.00	-5.39	35.60	8.93	38.93	34.85	116	32	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11507.72	45.47	54.00	-8.53	32.34	8.88	39.10	34.85	100	234	HORIZONTAL	Average
2	11512.52	58.82	74.00	-15.18	45.69	8.88	39.10	34.85	100	234	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11510.42	50.76	54.00	-3.24	37.63	8.88	39.10	34.85	100	30	VERTICAL	Average
2	11511.28	64.34	74.00	-9.66	51.21	8.88	39.10	34.85	100	30	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11581.64	57.97	74.00	-16.03	44.91	8.90	39.01	34.85	134	281	HORIZONTAL	Peak
2	11583.52	45.31	54.00	-8.69	32.25	8.90	39.01	34.85	134	281	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11587.72	49.16	54.00	-4.84	36.14	8.90	38.97	34.85	100	39	VERTICAL	Average
2	11588.68	60.87	74.00	-13.13	47.85	8.90	38.97	34.85	100	39	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 07, 2015	Test EUT / Function	EUT: Version 2 / Non-beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11548.80	56.68	74.00	-17.32	43.57	8.90	39.06	34.85	100	342	HORIZONTAL	Peak
2	11558.56	44.50	54.00	-9.50	31.44	8.90	39.01	34.85	100	342	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11550.32	47.37	54.00	-6.63	34.31	8.90	39.01	34.85	118	28	VERTICAL	Average
2	11555.60	59.62	74.00	-14.38	46.56	8.90	39.01	34.85	118	28	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4823.62	31.55	54.00	-22.45	28.71	5.38	32.76	35.30	200	34	HORIZONTAL	Average
2	4824.02	44.50	74.00	-29.50	41.66	5.38	32.76	35.30	200	34	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4815.68	34.03	54.00	-19.97	31.18	5.38	32.76	35.29	200	340	VERTICAL	Average
2	4821.04	46.06	74.00	-27.94	43.22	5.38	32.76	35.30	200	340	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.10	44.78	74.00	-29.22	41.89	5.40	32.80	35.31	200	274	HORIZONTAL	Peak
2	4877.12	32.06	54.00	-21.94	29.18	5.40	32.80	35.32	200	274	HORIZONTAL	Average
3	7307.80	51.87	74.00	-22.13	43.06	7.05	37.12	35.36	200	211	HORIZONTAL	Peak
4	7310.94	38.99	54.00	-15.01	30.18	7.05	37.12	35.36	200	211	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4872.56	44.64	74.00	-29.36	41.75	5.40	32.80	35.31	200	198	VERTICAL	Peak
2	4875.46	32.24	54.00	-21.76	29.36	5.40	32.80	35.32	200	198	VERTICAL	Average
3	7311.04	40.49	54.00	-13.51	31.68	7.05	37.12	35.36	173	157	VERTICAL	Average
4	7315.24	53.07	74.00	-20.93	44.26	7.05	37.12	35.36	173	157	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4921.75	44.10	74.00	-29.90	41.18	5.42	32.83	35.33	201	68	HORIZONTAL	Peak
2	4923.08	31.29	54.00	-22.71	28.37	5.42	32.83	35.33	201	68	HORIZONTAL	Average
3	7382.42	51.33	74.00	-22.67	42.40	7.09	37.16	35.32	194	179	HORIZONTAL	Peak
4	7385.96	39.32	54.00	-14.68	30.38	7.10	37.16	35.32	194	179	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4919.06	44.17	74.00	-29.83	41.25	5.42	32.83	35.33	200	31	VERTICAL	Peak
2	4919.76	31.59	54.00	-22.41	28.67	5.42	32.83	35.33	200	31	VERTICAL	Average
3	7385.94	39.77	54.00	-14.23	30.83	7.10	37.16	35.32	192	237	VERTICAL	Average
4	7389.90	52.07	74.00	-21.93	43.12	7.10	37.16	35.31	192	237	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4843.19	44.48	74.00	-29.52	41.61	5.39	32.78	35.30	201	162	HORIZONTAL	Peak
2	4843.38	31.14	54.00	-22.86	28.27	5.39	32.78	35.30	201	162	HORIZONTAL	Average
3	7265.45	49.73	74.00	-24.27	41.00	7.01	37.11	35.39	201	80	HORIZONTAL	Peak
4	7266.08	37.40	54.00	-16.60	28.67	7.01	37.11	35.39	201	80	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4844.77	31.52	54.00	-22.48	28.65	5.39	32.78	35.30	201	330	VERTICAL	Average
2	4845.35	44.63	74.00	-29.37	41.76	5.39	32.78	35.30	201	330	VERTICAL	Peak
3	7265.85	38.32	54.00	-15.68	29.59	7.01	37.11	35.39	201	13	VERTICAL	Average
4	7266.48	50.03	74.00	-23.97	41.30	7.01	37.11	35.39	201	13	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4872.08	44.33	74.00	-29.67	41.44	5.40	32.80	35.31	201	147	HORIZONTAL	Peak
2	4875.09	31.48	54.00	-22.52	28.60	5.40	32.80	35.32	201	147	HORIZONTAL	Average
3	7310.98	38.48	54.00	-15.52	29.67	7.05	37.12	35.36	201	268	HORIZONTAL	Average
4	7312.44	50.65	74.00	-23.35	41.84	7.05	37.12	35.36	201	268	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4871.67	31.68	54.00	-22.32	28.79	5.40	32.80	35.31	201	71	VERTICAL	Average
2	4876.11	44.68	74.00	-29.32	41.80	5.40	32.80	35.32	201	71	VERTICAL	Peak
3	7310.96	39.46	54.00	-14.54	30.65	7.05	37.12	35.36	201	334	VERTICAL	Average
4	7311.21	51.68	74.00	-22.32	42.87	7.05	37.12	35.36	201	334	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4901.84	31.22	54.00	-22.78	28.31	5.41	32.82	35.32	200	10	HORIZONTAL	Average
2	4903.68	44.07	74.00	-29.93	41.17	5.41	32.82	35.33	200	10	HORIZONTAL	Peak
3	7356.04	38.57	54.00	-15.43	29.69	7.07	37.14	35.33	200	140	HORIZONTAL	Average
4	7356.76	50.83	74.00	-23.17	41.95	7.07	37.14	35.33	200	140	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4903.28	44.06	74.00	-29.94	41.16	5.41	32.82	35.33	200	268	VERTICAL	Peak
2	4903.69	31.37	54.00	-22.63	28.47	5.41	32.82	35.33	200	268	VERTICAL	Average
3	7356.02	39.62	54.00	-14.38	30.74	7.07	37.14	35.33	200	340	VERTICAL	Average
4	7356.57	50.54	74.00	-23.46	41.66	7.07	37.14	35.33	200	340	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.27	34.54	54.00	-19.46	31.65	5.40	32.80	35.31	198	159	HORIZONTAL	Average
2	4876.02	47.27	74.00	-26.73	44.39	5.40	32.80	35.32	198	159	HORIZONTAL	Peak
3	7311.07	40.25	54.00	-13.75	31.44	7.05	37.12	35.36	200	94	HORIZONTAL	Average
4	7313.16	52.24	74.00	-21.76	43.43	7.05	37.12	35.36	200	94	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.63	34.76	54.00	-19.24	31.87	5.40	32.80	35.31	200	238	VERTICAL	Average
2	4875.51	46.20	74.00	-27.80	43.32	5.40	32.80	35.32	200	238	VERTICAL	Peak
3	7310.97	43.18	54.00	-10.82	34.37	7.05	37.12	35.36	200	55	VERTICAL	Average
4	7312.35	55.98	74.00	-18.02	47.17	7.05	37.12	35.36	200	55	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11484.60	44.60	54.00	-9.40	31.49	8.86	39.10	34.85	100	145	HORIZONTAL	Average
2	11489.10	57.46	74.00	-16.54	44.35	8.86	39.10	34.85	100	145	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11487.90	63.65	74.00	-10.35	50.54	8.86	39.10	34.85	110	22	VERTICAL	Peak
2	11488.40	49.37	54.00	-4.63	36.26	8.86	39.10	34.85	110	22	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.20	43.15	54.00	-10.85	30.09	8.90	39.01	34.85	114	235	HORIZONTAL	Average
2	11574.60	56.34	74.00	-17.66	43.28	8.90	39.01	34.85	114	235	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11569.40	60.00	74.00	-14.00	46.94	8.90	39.01	34.85	107	30	VERTICAL	Peak
2	11569.60	47.91	54.00	-6.09	34.85	8.90	39.01	34.85	107	30	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11649.90	55.99	74.00	-18.01	42.98	8.93	38.93	34.85	100	230	HORIZONTAL	Peak
2	11650.60	43.39	54.00	-10.61	30.38	8.93	38.93	34.85	100	230	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11649.70	45.33	54.00	-8.67	32.32	8.93	38.93	34.85	115	26	VERTICAL	Average
2	11651.20	58.91	74.00	-15.09	45.94	8.93	38.89	34.85	115	26	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11487.10	45.57	54.00	-8.43	32.46	8.86	39.10	34.85	100	145	HORIZONTAL	Average
2	11510.10	59.52	74.00	-14.48	46.39	8.88	39.10	34.85	100	145	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11490.30	47.34	54.00	-6.66	34.23	8.86	39.10	34.85	109	30	VERTICAL	Average
2	11510.00	66.77	74.00	-7.23	53.64	8.88	39.10	34.85	109	30	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11565.30	44.66	54.00	-9.34	31.60	8.90	39.01	34.85	123	343	HORIZONTAL	Average
2	11570.20	57.26	74.00	-16.74	44.20	8.90	39.01	34.85	123	343	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11568.70	47.14	54.00	-6.86	34.08	8.90	39.01	34.85	106	30	VERTICAL	Average
2	11589.90	63.23	74.00	-10.77	50.21	8.90	38.97	34.85	106	30	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11548.80	44.11	54.00	-9.89	31.00	8.90	39.06	34.85	120	280	HORIZONTAL	Average
2	11565.20	57.48	74.00	-16.52	44.42	8.90	39.01	34.85	120	280	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11532.70	45.91	54.00	-8.09	32.81	8.89	39.06	34.85	110	40	VERTICAL	Average
2	11570.70	58.78	74.00	-15.22	45.72	8.90	39.01	34.85	110	40	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11483.68	56.84	74.00	-17.16	43.73	8.86	39.10	34.85	107	234	HORIZONTAL	Peak
2	11490.20	44.12	54.00	-9.88	31.01	8.86	39.10	34.85	107	234	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11490.64	48.77	54.00	-5.23	35.66	8.86	39.10	34.85	111	22	VERTICAL	Average
2	11492.72	64.04	74.00	-9.96	50.91	8.88	39.10	34.85	111	22	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11568.36	44.18	54.00	-9.82	31.12	8.90	39.01	34.85	123	72	HORIZONTAL	Average
2	11572.16	55.92	74.00	-18.08	42.86	8.90	39.01	34.85	123	72	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11570.24	46.26	54.00	-7.74	33.20	8.90	39.01	34.85	115	28	VERTICAL	Average
2	11570.96	60.48	74.00	-13.52	47.42	8.90	39.01	34.85	115	28	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11643.88	43.06	54.00	-10.94	30.06	8.92	38.93	34.85	115	64	HORIZONTAL	Average
2	11646.52	58.71	74.00	-15.29	45.71	8.92	38.93	34.85	115	64	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11649.72	58.38	74.00	-15.62	45.37	8.93	38.93	34.85	101	92	VERTICAL	Peak
2	11650.56	44.64	54.00	-9.36	31.63	8.93	38.93	34.85	101	92	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11508.88	55.33	74.00	-18.67	42.20	8.88	39.10	34.85	108	271	HORIZONTAL	Peak
2	11519.80	41.72	54.00	-12.28	28.62	8.89	39.06	34.85	108	271	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11511.32	44.42	54.00	-9.58	31.29	8.88	39.10	34.85	102	326	VERTICAL	Average
2	11516.72	55.52	74.00	-18.48	42.39	8.88	39.10	34.85	102	326	VERTICAL	Peak

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 159 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11586.52	56.88	74.00	-17.12	43.86	8.90	38.97	34.85	111	78	HORIZONTAL	Peak
2	11594.72	42.36	54.00	-11.64	29.34	8.90	38.97	34.85	111	78	HORIZONTAL	Average

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11589.92	63.27	74.00	-10.73	50.25	8.90	38.97	34.85	117	26	VERTICAL	Peak
2	11591.00	43.75	54.00	-10.25	30.73	8.90	38.97	34.85	117	26	VERTICAL	Average

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 155 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 2 / Beamforming function

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11541.04	42.08	54.00	-11.92	28.98	8.89	39.06	34.85	117	322	HORIZONTAL	Average
2	11545.60	55.88	74.00	-18.12	42.77	8.90	39.06	34.85	117	322	HORIZONTAL	Peak

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11541.04	43.88	54.00	-10.12	30.78	8.89	39.06	34.85	128	287	VERTICAL	Average
2	11541.04	57.91	74.00	-16.09	44.81	8.89	39.06	34.85	128	287	VERTICAL	Peak

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. Emissions Measurement

4.6.1. Limit

30dBc in any 100 kHz bandwidth outside the operating frequency band. 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 (30dBc in any 100 kHz bandwidth emission)	100 kHz / 300 kHz for Peak

4.6.3. Test Procedures

For Radiated band edges Measurement:

1. The test procedure is the same as section 4.5.3, only the frequency range investigated is limited to 100MHz around band edges.

For Radiated Out of Band Emission Measurement:

1. Test was performed in accordance with KDB 558074 D01 v03r02 for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 section 10.1 Unwanted Emissions into Non-Restricted Frequency Bands Measurement Procedure

4.6.4. Test Setup Layout

For Radiated band edges Measurement:

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

For Radiated Out of Band Emission Measurement:

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 function:

The EUT was programmed to be in continuously transmitting mode.

For beamforming function:

The EUT was programmed to be in beamforming transmitting mode.

4.6.7. Test Result of Band Edge and Fundamental Emissions

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 08, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2387.20	62.42	74.00	-11.58	29.56	4.37	28.49	0.00	319	171	Peak	VERTICAL
2	2390.00	51.69	54.00	-2.31	18.79	4.41	28.49	0.00	319	171	Average	VERTICAL
3	2411.20	119.30			86.36	4.41	28.53	0.00	319	171	Average	VERTICAL
4	2412.80	123.31			90.37	4.41	28.53	0.00	319	171	Peak	VERTICAL
5	2487.60	47.99	54.00	-6.01	14.78	4.51	28.70	0.00	319	171	Average	VERTICAL
6	2490.40	58.85	74.00	-15.15	25.64	4.51	28.70	0.00	319	171	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2380.60	58.72	74.00	-15.28	25.89	4.37	28.46	0.00	235	139	Peak	VERTICAL
2	2389.60	47.35	54.00	-6.65	14.49	4.37	28.49	0.00	235	139	Average	VERTICAL
3	2436.40	119.71			86.71	4.44	28.56	0.00	235	139	Average	VERTICAL
4	2438.20	123.86			90.82	4.44	28.60	0.00	235	139	Peak	VERTICAL
5	2483.50	46.89	54.00	-7.11	13.71	4.51	28.67	0.00	235	139	Average	VERTICAL
6	2515.60	58.69	74.00	-15.31	25.38	4.55	28.76	0.00	235	139	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2462.80	117.99			84.88	4.48	28.63	0.00	243	158	Average	VERTICAL
2	2463.20	122.22			89.11	4.48	28.63	0.00	243	158	Peak	VERTICAL
3	2483.50	53.98	54.00	-0.02	20.80	4.51	28.67	0.00	243	158	Average	VERTICAL
4	2483.50	63.71	74.00	-10.29	30.53	4.51	28.67	0.00	243	158	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 08, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2390.00	53.69	54.00	-0.31	20.79	4.41	28.49	0.00	99	150	Average	VERTICAL
2	2390.00	72.26	74.00	-1.74	39.36	4.41	28.49	0.00	99	150	Peak	VERTICAL
3	2410.40	111.73			78.79	4.41	28.53	0.00	99	150	Average	VERTICAL
4	2410.40	121.95			89.01	4.41	28.53	0.00	99	150	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2390.00	50.11	54.00	-3.89	17.21	4.41	28.49	0.00	96	121	Average	VERTICAL
2	2390.00	62.39	74.00	-11.61	29.49	4.41	28.49	0.00	96	121	Peak	VERTICAL
3	2435.40	117.00			84.00	4.44	28.56	0.00	96	121	Average	VERTICAL
4	2435.40	127.00			94.00	4.44	28.56	0.00	96	121	Peak	VERTICAL
5	2487.90	62.29	74.00	-11.71	29.08	4.51	28.70	0.00	96	121	Peak	VERTICAL
6	2489.10	48.32	54.00	-5.68	15.11	4.51	28.70	0.00	96	121	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2460.40	113.51			80.40	4.48	28.63	0.00	102	113	Average	VERTICAL
2	2460.40	123.62			90.51	4.48	28.63	0.00	102	113	Peak	VERTICAL
3	2483.50	53.65	54.00	-0.35	20.47	4.51	28.67	0.00	102	113	Average	VERTICAL
4	2483.50	71.86	74.00	-2.14	38.68	4.51	28.67	0.00	102	113	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 08, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2462.80	106.07			72.96	4.48	28.63	0.00	129	114	Average	VERTICAL
2	2463.20	117.16			84.05	4.48	28.63	0.00	129	114	Peak	VERTICAL
3	2483.50	53.53	54.00	-0.47	20.35	4.51	28.67	0.00	129	114	Average	VERTICAL
4	2483.70	70.89	74.00	-3.11	37.71	4.51	28.67	0.00	129	114	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2387.60	68.26	74.00	-5.74	35.40	4.37	28.49	0.00	116	151	Peak	VERTICAL
2	2388.00	49.84	54.00	-4.16	16.98	4.37	28.49	0.00	116	151	Average	VERTICAL
3	2438.20	114.55			81.51	4.44	28.60	0.00	116	151	Average	VERTICAL
4	2438.20	125.55			92.51	4.44	28.60	0.00	116	151	Peak	VERTICAL
5	2485.10	50.63	54.00	-3.37	17.45	4.51	28.67	0.00	116	151	Average	VERTICAL
6	2485.10	67.41	74.00	-6.59	34.23	4.51	28.67	0.00	116	151	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2390.00	53.66	54.00	-0.34	20.76	4.41	28.49	0.00	108	151	Average	VERTICAL
2	2390.00	70.37	74.00	-3.63	37.47	4.41	28.49	0.00	108	151	Peak	VERTICAL
3	2410.80	121.23			88.29	4.41	28.53	0.00	108	151	Peak	VERTICAL
4	2411.60	108.42			75.48	4.41	28.53	0.00	108	151	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3, 6, 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 08, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2383.00	65.38	74.00	-8.62	32.55	4.37	28.46	0.00	124	111	Peak	VERTICAL
2	2388.00	53.83	54.00	-0.17	20.97	4.37	28.49	0.00	124	111	Average	VERTICAL
3	2418.00	104.37			71.40	4.44	28.53	0.00	124	111	Average	VERTICAL
4	2418.00	114.83			81.86	4.44	28.53	0.00	124	111	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2387.60	66.96	74.00	-7.04	34.10	4.37	28.49	0.00	125	99	Peak	VERTICAL
2	2388.40	53.73	54.00	-0.27	20.87	4.37	28.49	0.00	125	99	Average	VERTICAL
3	2423.00	105.88			72.88	4.44	28.56	0.00	125	99	Average	VERTICAL
4	2423.40	115.58			82.58	4.44	28.56	0.00	125	99	Peak	VERTICAL
5	2483.50	52.12	54.00	-1.88	18.94	4.51	28.67	0.00	125	99	Average	VERTICAL
6	2483.50	64.10	74.00	-9.90	30.92	4.51	28.67	0.00	125	99	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	2381.00	58.02	74.00	-15.98	25.19	4.37	28.46	0.00	127	125	Peak	VERTICAL
2	2383.00	47.94	54.00	-6.06	15.11	4.37	28.46	0.00	127	125	Average	VERTICAL
3	2448.00	113.38			80.30	4.48	28.60	0.00	127	125	Peak	VERTICAL
4	2453.00	103.60			70.52	4.48	28.60	0.00	127	125	Average	VERTICAL
5	2483.50	53.42	54.00	-0.58	20.24	4.51	28.67	0.00	127	125	Average	VERTICAL
6	2483.50	67.18	74.00	-6.82	34.00	4.51	28.67	0.00	127	125	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 2452 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015 / May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.40	69.49	74.00	-4.51	37.87	3.72	27.90	0.00	199	337	VERTICAL	Peak
2	2390.00	53.72	54.00	-0.28	22.10	3.72	27.90	0.00	199	337	VERTICAL	Average
3	2409.80	109.95			78.31	3.74	27.90	0.00	199	337	VERTICAL	Average
4	2411.00	120.14			88.50	3.74	27.90	0.00	199	337	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.80	72.81	74.00	-1.19	41.19	3.72	27.90	0.00	105	122	VERTICAL	Peak
2	2390.00	53.81	54.00	-0.19	22.19	3.72	27.90	0.00	105	122	VERTICAL	Average
3	2435.00	118.04			86.37	3.77	27.90	0.00	105	122	VERTICAL	Average
4	2437.00	128.12			96.45	3.77	27.90	0.00	105	122	VERTICAL	Peak
5	2483.50	68.31	74.00	-5.69	36.60	3.81	27.90	0.00	105	122	VERTICAL	Peak
6	2483.80	51.71	54.00	-2.29	20.00	3.81	27.90	0.00	105	122	VERTICAL	Average

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2462.00	120.94			89.25	3.79	27.90	0.00	195	74	VERTICAL	Peak
2	2462.60	110.68			78.99	3.79	27.90	0.00	195	74	VERTICAL	Average
3	2483.50	53.91	54.00	-0.09	22.20	3.81	27.90	0.00	195	74	VERTICAL	Average
4	2483.50	70.11	74.00	-3.89	38.40	3.81	27.90	0.00	195	74	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3, 6, 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2387.60	67.10	74.00	-6.90	35.48	3.72	27.90	0.00	202	337	VERTICAL	Peak
2	2390.00	53.87	54.00	-0.13	22.25	3.72	27.90	0.00	202	337	VERTICAL	Average
3	2407.60	101.94			70.30	3.74	27.90	0.00	202	337	VERTICAL	Average
4	2410.80	112.85			81.21	3.74	27.90	0.00	202	337	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.00	67.69	74.00	-6.31	36.07	3.72	27.90	0.00	178	67	VERTICAL	Peak
2	2390.00	53.78	54.00	-0.22	22.16	3.72	27.90	0.00	178	67	VERTICAL	Average
3	2423.80	105.13			73.46	3.77	27.90	0.00	178	67	VERTICAL	Average
4	2433.80	114.85			83.18	3.77	27.90	0.00	178	67	VERTICAL	Peak
5	2483.50	49.55	54.00	-4.45	17.84	3.81	27.90	0.00	178	67	VERTICAL	Average
6	2489.40	61.37	74.00	-12.63	29.66	3.81	27.90	0.00	178	67	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2437.20	103.23			71.56	3.77	27.90	0.00	166	70	VERTICAL	Average
2	2448.00	112.99			81.30	3.79	27.90	0.00	166	70	VERTICAL	Peak
3	2483.50	53.82	54.00	-0.18	22.11	3.81	27.90	0.00	166	70	VERTICAL	Average
4	2486.80	66.65	74.00	-7.35	34.94	3.81	27.90	0.00	166	70	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2452 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 17, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2388.20	70.90	74.00	-3.10	39.28	3.72	27.90	0.00	105	122	VERTICAL	Peak
2	2389.80	53.86	54.00	-0.14	22.24	3.72	27.90	0.00	105	122	VERTICAL	Average
3	2435.40	118.13			86.46	3.77	27.90	0.00	105	122	VERTICAL	Average
4	2436.60	127.87			96.20	3.77	27.90	0.00	105	122	VERTICAL	Peak
5	2483.50	52.42	54.00	-1.58	20.71	3.81	27.90	0.00	105	122	VERTICAL	Average
6	2483.50	68.17	74.00	-5.83	36.46	3.81	27.90	0.00	105	122	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Note:

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

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

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 08, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.86	65.41	74.00	-8.59	33.79	3.72	27.90	0.00	149	250	VERTICAL	Peak
2	2390.00	53.85	54.00	-0.15	22.23	3.72	27.90	0.00	149	250	VERTICAL	Average
3	2411.13	124.00			92.36	3.74	27.90	0.00	149	250	VERTICAL	Peak
4	2411.28	121.25			89.61	3.74	27.90	0.00	149	250	VERTICAL	Average

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2388.84	59.41	74.00	-14.59	27.79	3.72	27.90	0.00	154	67	VERTICAL	Peak
2	2390.00	46.98	54.00	-7.02	15.36	3.72	27.90	0.00	154	67	VERTICAL	Average
3	2436.13	119.38			87.71	3.77	27.90	0.00	154	67	VERTICAL	Average
4	2436.13	122.09			90.42	3.77	27.90	0.00	154	67	VERTICAL	Peak
5	2483.79	47.06	54.00	-6.94	15.35	3.81	27.90	0.00	154	67	VERTICAL	Average
6	2489.29	60.50	74.00	-13.50	28.79	3.81	27.90	0.00	154	67	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2461.13	120.86			89.17	3.79	27.90	0.00	100	245	VERTICAL	Peak
2	2461.28	118.09			86.40	3.79	27.90	0.00	100	245	VERTICAL	Average
3	2483.50	53.98	54.00	-0.02	22.27	3.81	27.90	0.00	100	245	VERTICAL	Average
4	2483.50	64.92	74.00	-9.08	33.21	3.81	27.90	0.00	100	245	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.86	70.81	74.00	-3.19	39.19	3.72	27.90	0.00	100	236	VERTICAL	Peak
2	2390.00	52.64	54.00	-1.36	21.02	3.72	27.90	0.00	100	236	VERTICAL	Average
3	2413.45	112.94			81.30	3.74	27.90	0.00	100	236	VERTICAL	Average
4	2414.17	123.64			92.00	3.74	27.90	0.00	100	236	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2388.55	63.28	74.00	-10.72	31.66	3.72	27.90	0.00	114	243	VERTICAL	Peak
2	2390.00	49.27	54.00	-4.73	17.65	3.72	27.90	0.00	114	243	VERTICAL	Average
3	2438.16	116.25			84.58	3.77	27.90	0.00	114	243	VERTICAL	Average
4	2438.45	126.40			94.73	3.77	27.90	0.00	114	243	VERTICAL	Peak
5	2485.24	48.06	54.00	-5.94	16.35	3.81	27.90	0.00	114	243	VERTICAL	Average
6	2485.82	62.14	74.00	-11.86	30.43	3.81	27.90	0.00	114	243	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2460.41	113.04			81.35	3.79	27.90	0.00	121	104	VERTICAL	Average
2	2460.70	123.92			92.23	3.79	27.90	0.00	121	104	VERTICAL	Peak
3	2483.50	53.54	54.00	-0.46	21.83	3.81	27.90	0.00	121	104	VERTICAL	Average
4	2483.50	71.27	74.00	-2.73	39.56	3.81	27.90	0.00	121	104	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2387.25	52.30	54.00	-1.70	20.68	3.72	27.90	0.00	100	241	VERTICAL	Average
2	2387.25	73.64	74.00	-0.36	42.02	3.72	27.90	0.00	100	241	VERTICAL	Peak
3	2412.43	110.12			78.48	3.74	27.90	0.00	100	241	VERTICAL	Average
4	2414.32	121.11			89.47	3.74	27.90	0.00	100	241	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2387.11	50.52	54.00	-3.48	18.90	3.72	27.90	0.00	100	240	VERTICAL	Average
2	2387.40	67.78	74.00	-6.22	36.16	3.72	27.90	0.00	100	240	VERTICAL	Peak
3	2437.58	114.41			82.74	3.77	27.90	0.00	100	240	VERTICAL	Average
4	2439.32	125.00			93.33	3.77	27.90	0.00	100	240	VERTICAL	Peak
5	2483.50	49.40	54.00	-4.60	17.69	3.81	27.90	0.00	100	240	VERTICAL	Average
6	2483.50	65.59	74.00	-8.41	33.88	3.81	27.90	0.00	100	240	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2463.01	108.55			76.86	3.79	27.90	0.00	100	132	VERTICAL	Average
2	2463.45	120.52			88.83	3.79	27.90	0.00	100	132	VERTICAL	Peak
3	2483.50	53.41	54.00	-0.59	21.70	3.81	27.90	0.00	100	132	VERTICAL	Average
4	2483.64	73.19	74.00	-0.81	41.48	3.81	27.90	0.00	100	132	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3, 6, 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 09, 2015	Test EUT / Function	EUT: Version 1 / Non-beamforming function

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2387.40	53.88	54.00	-0.12	22.26	3.72	27.90	0.00	100	241	VERTICAL	Average
2	2387.97	67.23	74.00	-6.77	35.61	3.72	27.90	0.00	100	241	VERTICAL	Peak
3	2412.16	101.67			70.03	3.74	27.90	0.00	100	241	VERTICAL	Average
4	2412.74	111.25			79.61	3.74	27.90	0.00	100	241	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2387.11	53.92	54.00	-0.08	22.30	3.72	27.90	0.00	100	246	VERTICAL	Average
2	2387.68	69.47	74.00	-4.53	37.85	3.72	27.90	0.00	100	246	VERTICAL	Peak
3	2431.79	106.34			74.67	3.77	27.90	0.00	100	246	VERTICAL	Average
4	2432.08	115.43			83.76	3.77	27.90	0.00	100	246	VERTICAL	Peak
5	2483.50	63.45	74.00	-10.55	31.74	3.81	27.90	0.00	100	246	VERTICAL	Peak
6	2486.97	50.95	54.00	-3.05	19.24	3.81	27.90	0.00	100	246	VERTICAL	Average

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2436.95	103.67			72.00	3.77	27.90	0.00	136	244	VERTICAL	Average
2	2437.24	113.37			81.70	3.77	27.90	0.00	136	244	VERTICAL	Peak
3	2486.97	53.68	54.00	-0.32	21.97	3.81	27.90	0.00	136	244	VERTICAL	Average
4	2486.97	66.41	74.00	-7.59	34.70	3.81	27.90	0.00	136	244	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2452 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.84	54.00	-0.16	22.22	3.72	27.90	0.00	202	336	VERTICAL	Average
2	2390.00	70.20	74.00	-3.80	38.58	3.72	27.90	0.00	202	336	VERTICAL	Peak
3	2410.40	109.58			77.94	3.74	27.90	0.00	202	336	VERTICAL	Average
4	2412.40	119.63			87.99	3.74	27.90	0.00	202	336	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2412 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.40	66.02	74.00	-7.98	34.40	3.72	27.90	0.00	186	331	VERTICAL	Peak
2	2390.00	49.25	54.00	-4.75	17.63	3.72	27.90	0.00	186	331	VERTICAL	Average
3	2435.80	114.36			82.69	3.77	27.90	0.00	186	331	VERTICAL	Average
4	2437.00	124.87			93.20	3.77	27.90	0.00	186	331	VERTICAL	Peak
5	2483.50	47.92	54.00	-6.08	16.21	3.81	27.90	0.00	186	331	VERTICAL	Average
6	2485.00	64.15	74.00	-9.85	32.44	3.81	27.90	0.00	186	331	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2461.20	110.28			78.59	3.79	27.90	0.00	198	69	VERTICAL	Average
2	2462.00	120.33			88.64	3.79	27.90	0.00	198	69	VERTICAL	Peak
3	2483.50	53.72	54.00	-0.28	22.01	3.81	27.90	0.00	198	69	VERTICAL	Average
4	2483.50	73.63	74.00	-0.37	41.92	3.81	27.90	0.00	198	69	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2462 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 3, 6, 9 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2388.80	67.44	74.00	-6.56	35.82	3.72	27.90	0.00	196	333	VERTICAL	Peak
2	2390.00	53.44	54.00	-0.56	21.82	3.72	27.90	0.00	196	333	VERTICAL	Average
3	2404.80	102.70			71.06	3.74	27.90	0.00	196	333	VERTICAL	Average
4	2406.80	112.69			81.05	3.74	27.90	0.00	196	333	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.00	67.48	74.00	-6.52	35.86	3.72	27.90	0.00	188	335	VERTICAL	Peak
2	2390.00	53.68	54.00	-0.32	22.06	3.72	27.90	0.00	188	335	VERTICAL	Average
3	2422.20	104.75			73.08	3.77	27.90	0.00	188	335	VERTICAL	Average
4	2423.40	114.51			82.84	3.77	27.90	0.00	188	335	VERTICAL	Peak
5	2483.50	49.37	54.00	-4.63	17.66	3.81	27.90	0.00	188	335	VERTICAL	Average
6	2483.50	62.19	74.00	-11.81	30.48	3.81	27.90	0.00	188	335	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2458.80	102.20			70.51	3.79	27.90	0.00	190	70	VERTICAL	Average
2	2458.80	111.99			80.30	3.79	27.90	0.00	190	70	VERTICAL	Peak
3	2483.50	53.67	54.00	-0.33	21.96	3.81	27.90	0.00	190	70	VERTICAL	Average
4	2483.50	66.42	74.00	-7.58	34.71	3.81	27.90	0.00	190	70	VERTICAL	Peak

Item 1, 2 are the fundamental frequency at 2452 MHz.

Temperature	22°C	Humidity	60%
Test Engineer	Akina Chiu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 6 / Chain 1 + Chain 2 + Chain 3 + Chain 4
Test Date	May 16, 2015	Test EUT / Function	EUT: Version 1 / Beamforming function

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Pol/Phase	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.00	66.43	74.00	-7.57	34.81	3.72	27.90	0.00	199	340	VERTICAL	Peak
2	2390.00	52.09	54.00	-1.91	20.47	3.72	27.90	0.00	199	340	VERTICAL	Average
3	2435.40	117.39			85.72	3.77	27.90	0.00	199	340	VERTICAL	Average
4	2440.20	126.40			94.73	3.77	27.90	0.00	199	340	VERTICAL	Peak
5	2483.50	50.70	54.00	-3.30	18.99	3.81	27.90	0.00	199	340	VERTICAL	Average
6	2483.80	63.44	74.00	-10.56	31.73	3.81	27.90	0.00	199	340	VERTICAL	Peak

Item 3, 4 are the fundamental frequency at 2437 MHz.

Note:

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

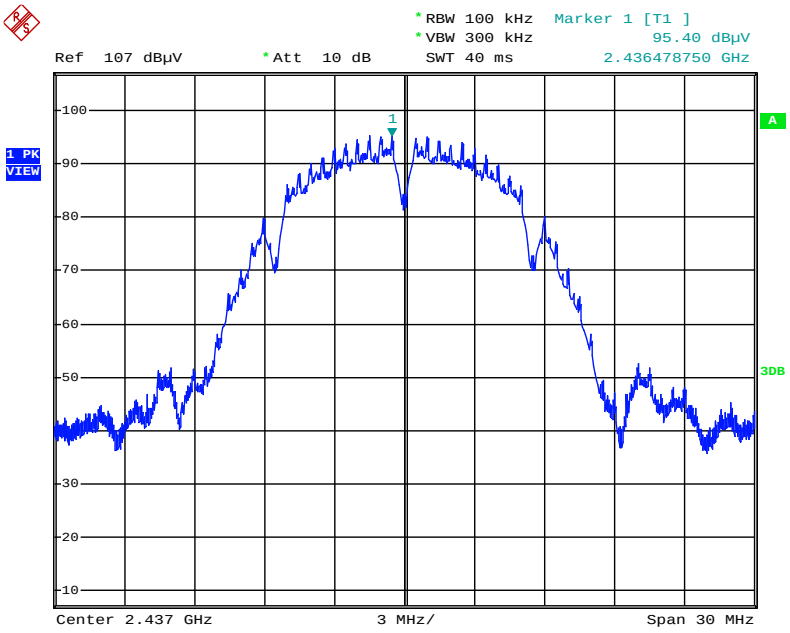
Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

For Emission not in Restricted Band

EUT: Version 1

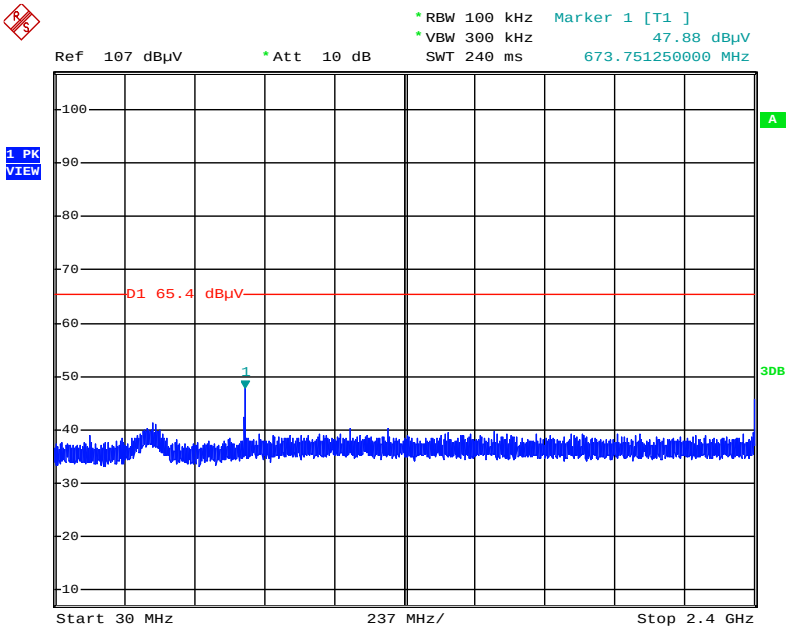
For non-beamforming function:

Plot on Configuration IEEE 802.11b / Reference Level



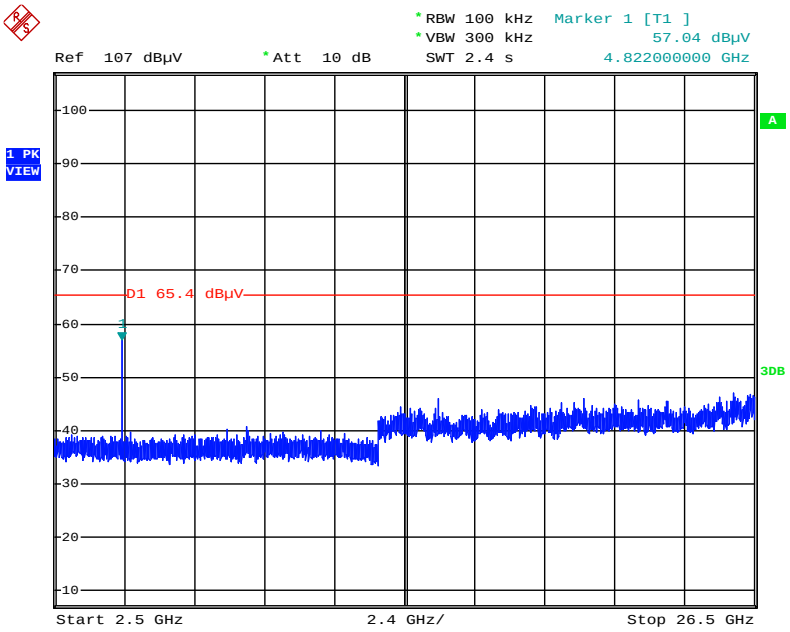
Date: 8.MAY.2015 23:11:08

Plot on Configuration IEEE 802.11b / CH 1 / 30MHz~2400MHz (down 30dBc)



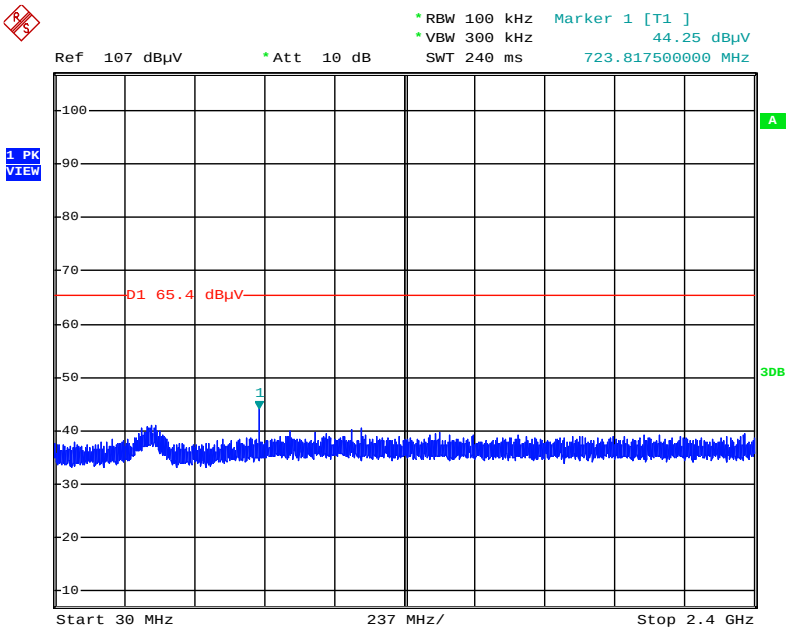
Date: 8.MAY.2015 23:16:36

Plot on Configuration IEEE 802.11b / CH 1 / 2500MHz~26500MHz (down 30dBc)



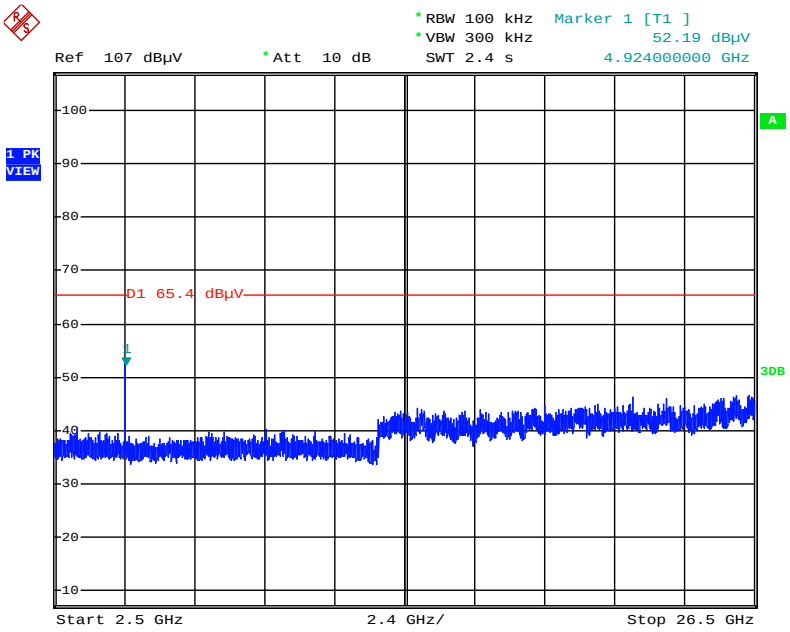
Date: 8.MAY.2015 23:17:06

Plot on Configuration IEEE 802.11b / CH 11 / 30MHz~2400MHz (down 30dBc)



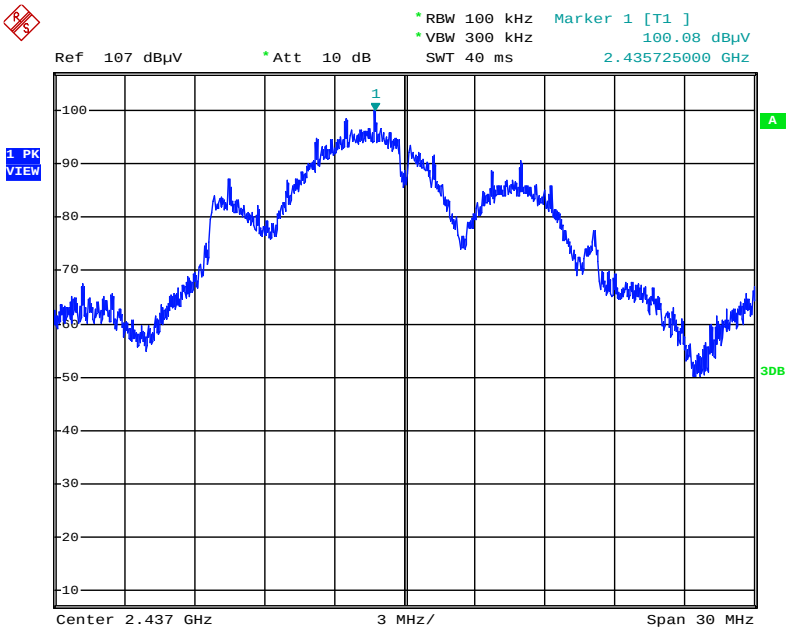
Date: 8.MAY.2015 23:18:21

Plot on Configuration IEEE 802.11b / CH 11 / 2500MHz~26500MHz (down 30dBc)



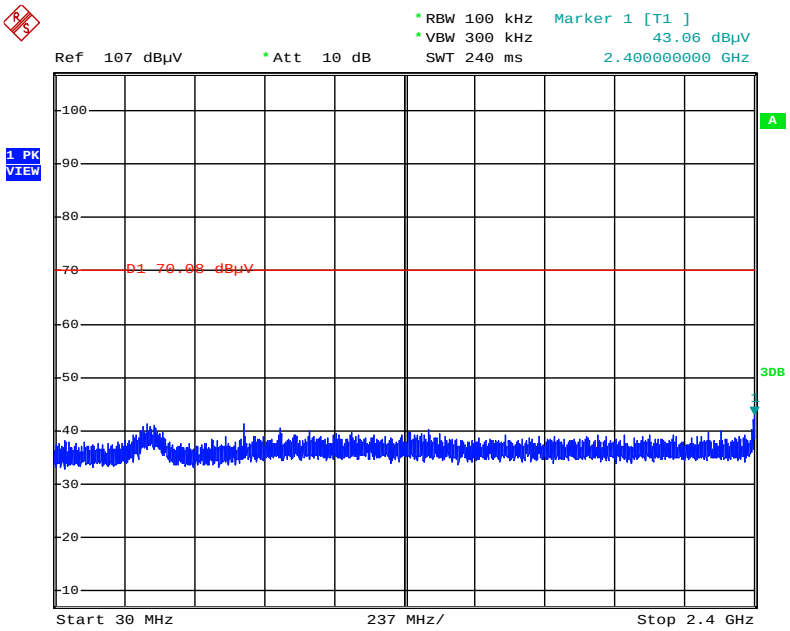
Date: 8.MAY.2015 23:18:52

Plot on Configuration IEEE 802.11g / Reference Level



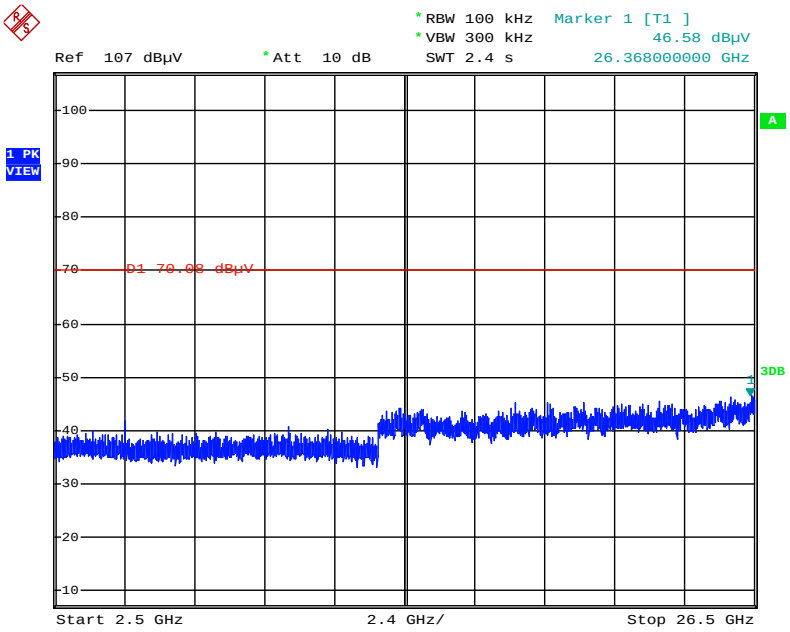
Date: 8.MAY.2015 23:21:41

Plot on Configuration IEEE 802.11g / CH 1 / 30MHz~2400MHz (down 30dBc)



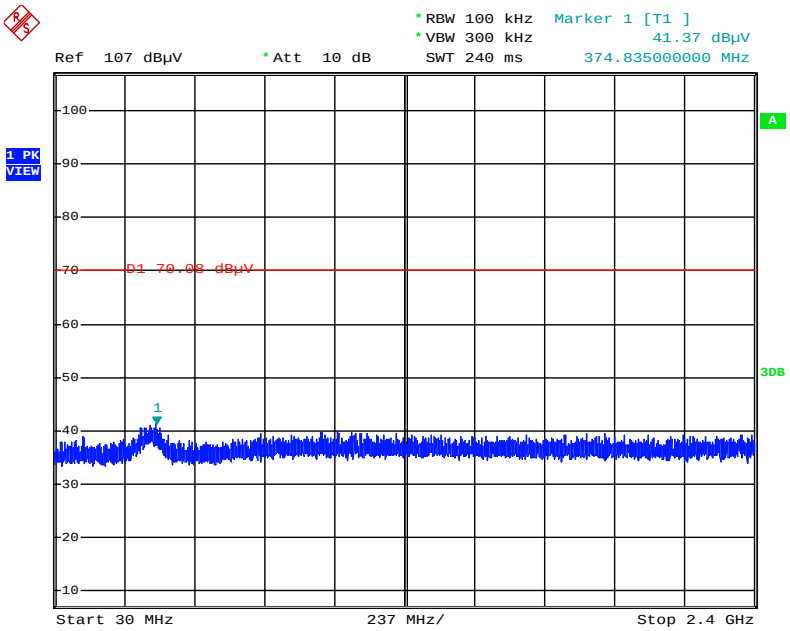
Date: 8.MAY.2015 23:22:53

Plot on Configuration IEEE 802.11g / CH 1 / 2500MHz~26500MHz (down 30dBc)



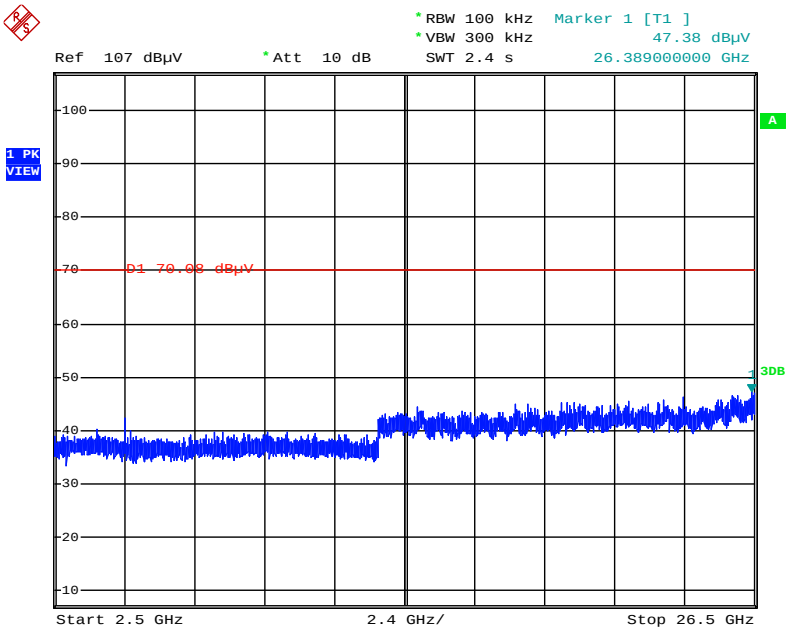
Date: 8.MAY.2015 23:25:55

Plot on Configuration IEEE 802.11g / CH 11 / 30MHz~2400MHz (down 30dBc)



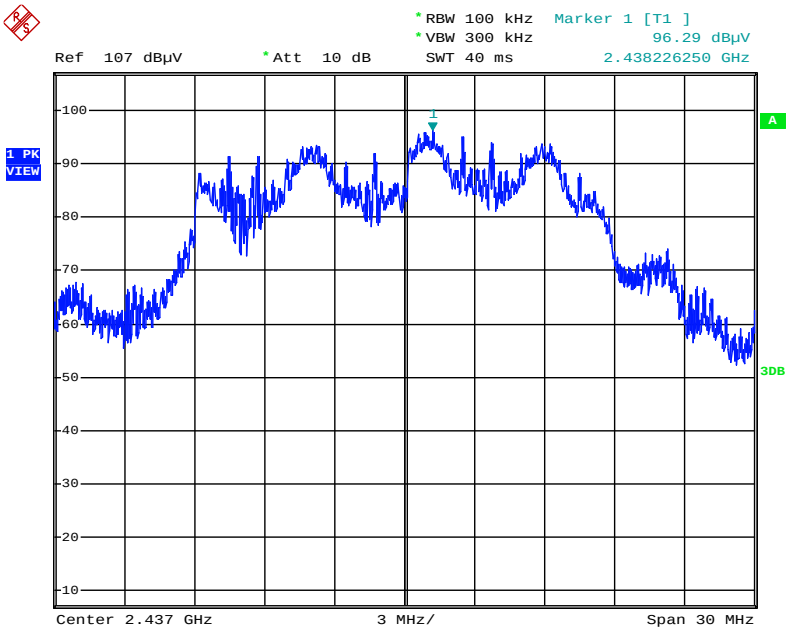
Date: 8.MAY.2015 23:24:53

Plot on Configuration IEEE 802.11g / CH 11 / 2500MHz~26500MHz (down 30dBc)



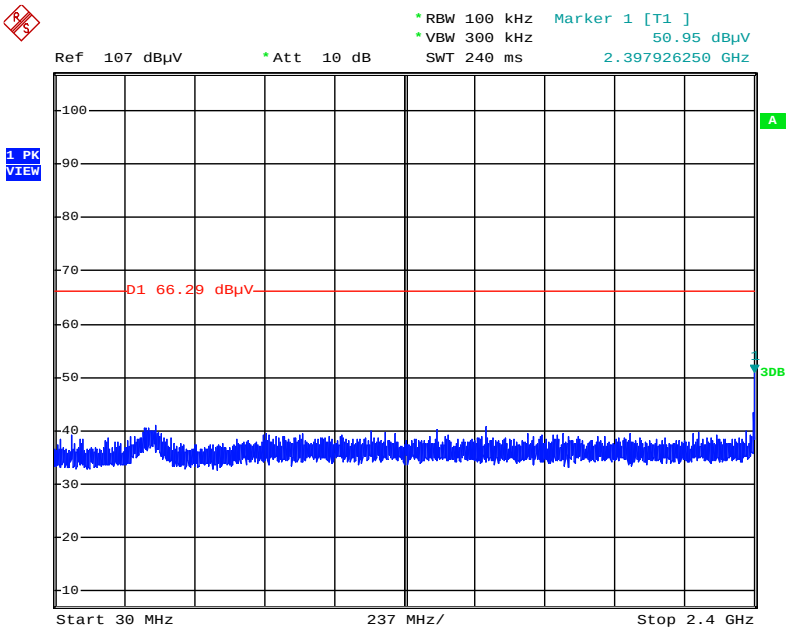
Date: 8.MAY.2015 23:25:29

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



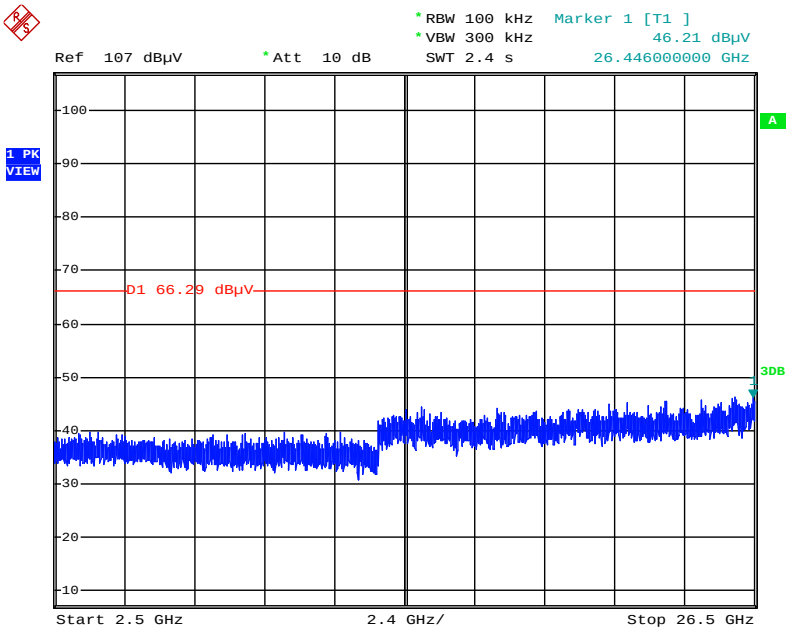
Date: 8.MAY.2015 23:28:06

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



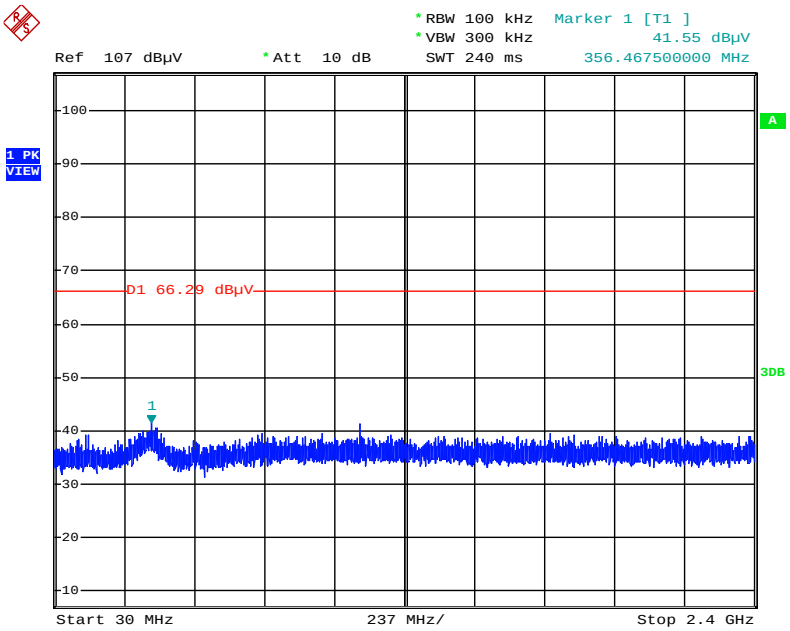
Date: 8.MAY.2015 23:29:05

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 2500MHz~26500MHz (down 30dBc)



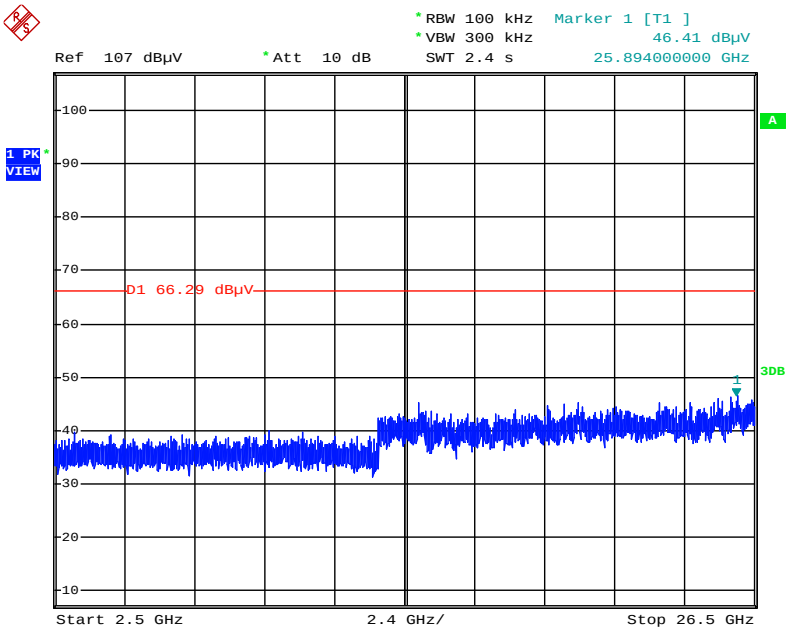
Date: 8.MAY.2015 23:29:31

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



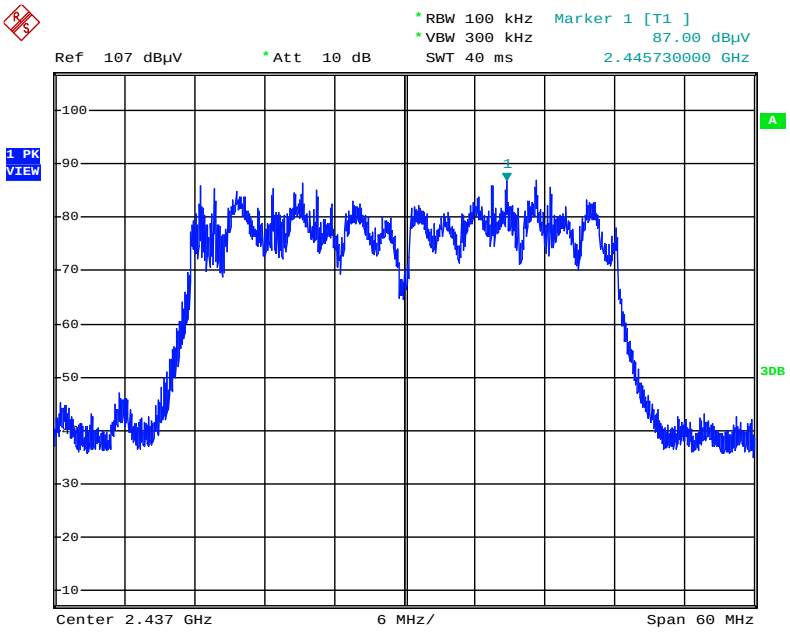
Date: 8.MAY.2015 23:30:18

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 2500MHz~26500MHz (down 30dBc)



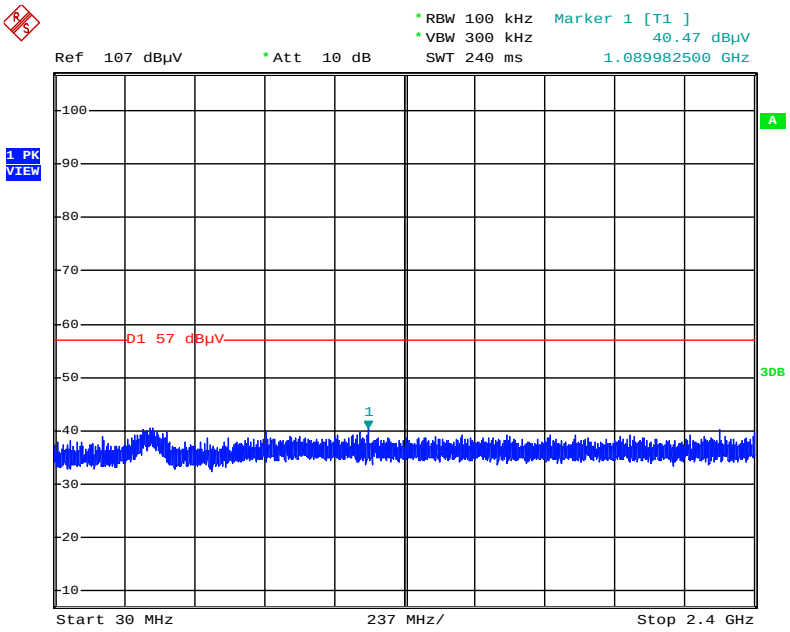
Date: 8.MAY.2015 23:31:02

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



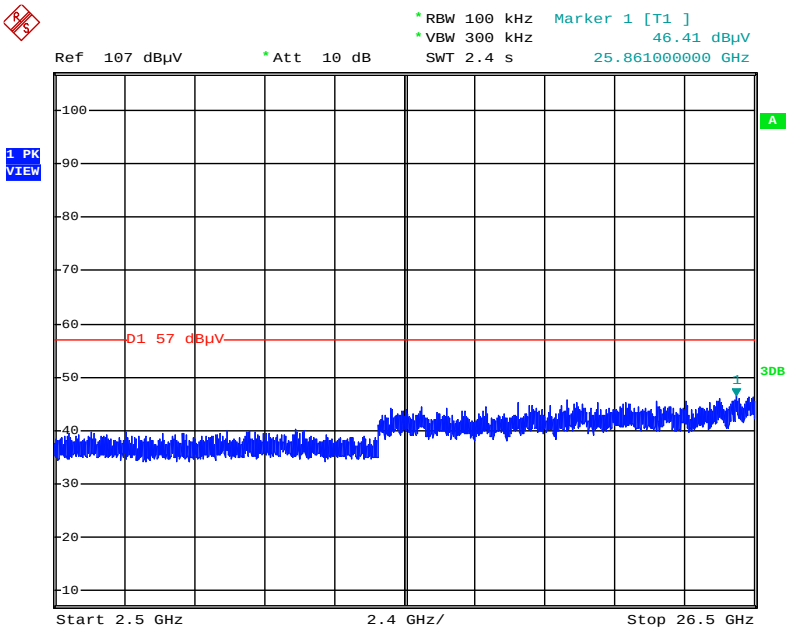
Date: 8.MAY.2015 23:34:23

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 30MHz~2400MHz (down 30dBc)



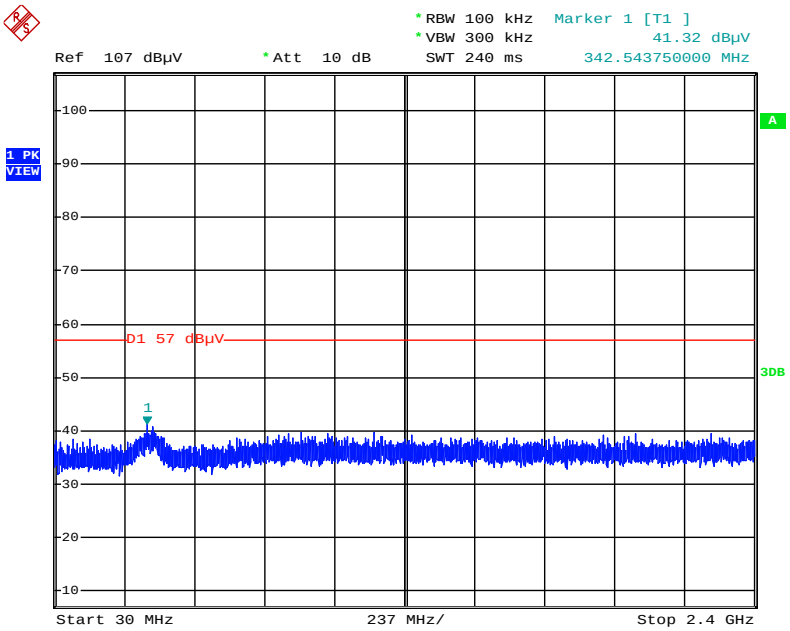
Date: 8.MAY.2015 23:35:40

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 2500MHz~26500MHz (down 30dBc)



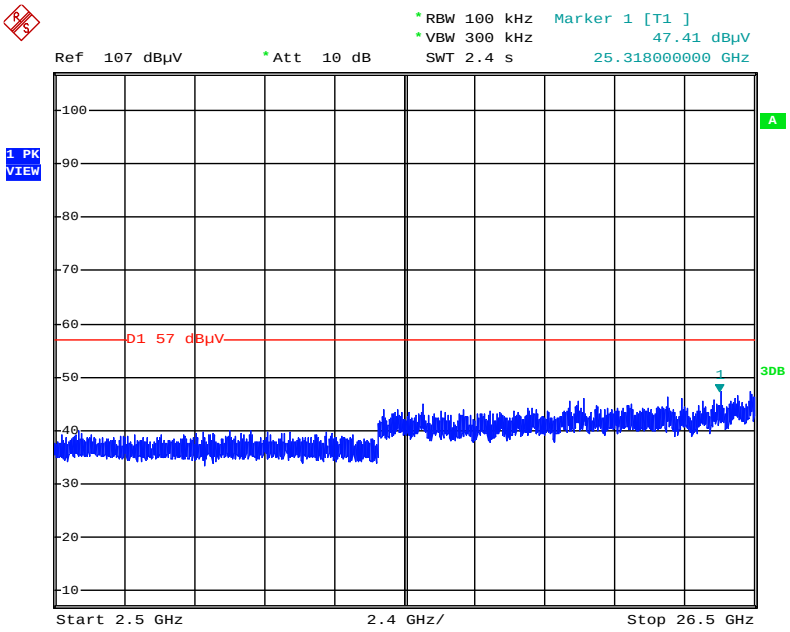
Date: 8.MAY.2015 23:36:18

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 30MHz~2400MHz (down 30dBc)



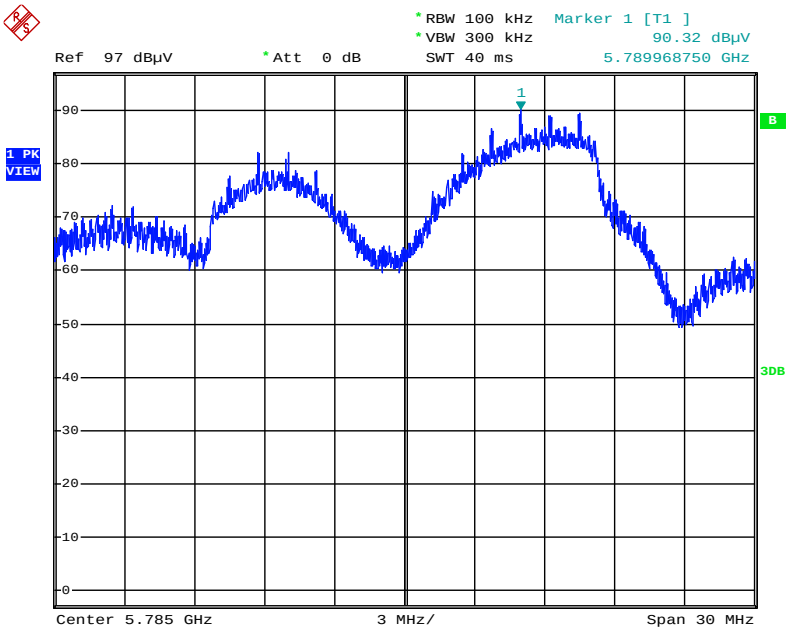
Date: 8.MAY.2015 23:36:49

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 2500MHz~26500MHz (down 30dBc)



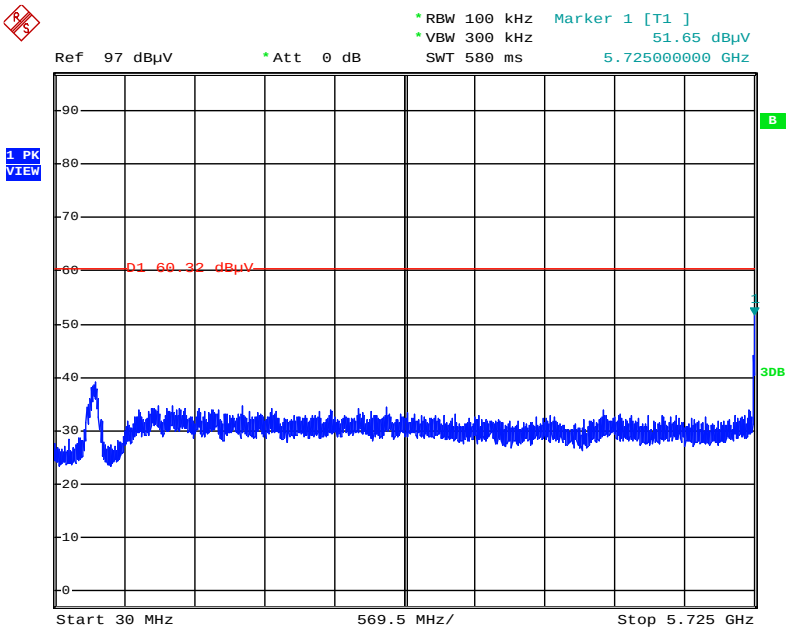
Date: 8.MAY.2015 23:37:20

Plot on Configuration IEEE 802.11a / Reference Level



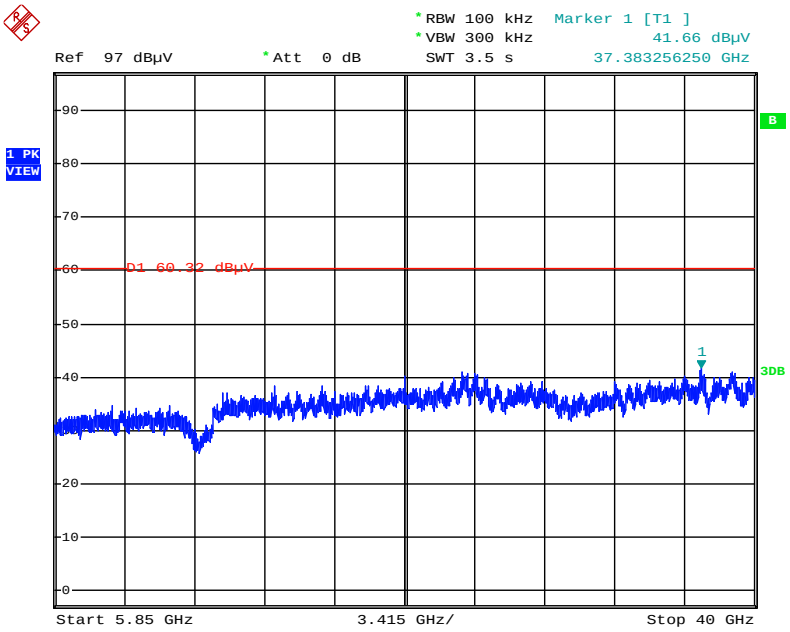
Date: 8.MAY.2015 17:06:03

Plot on Configuration IEEE 802.11a / CH 149 / 30MHz~5725MHz (down 30dBc)



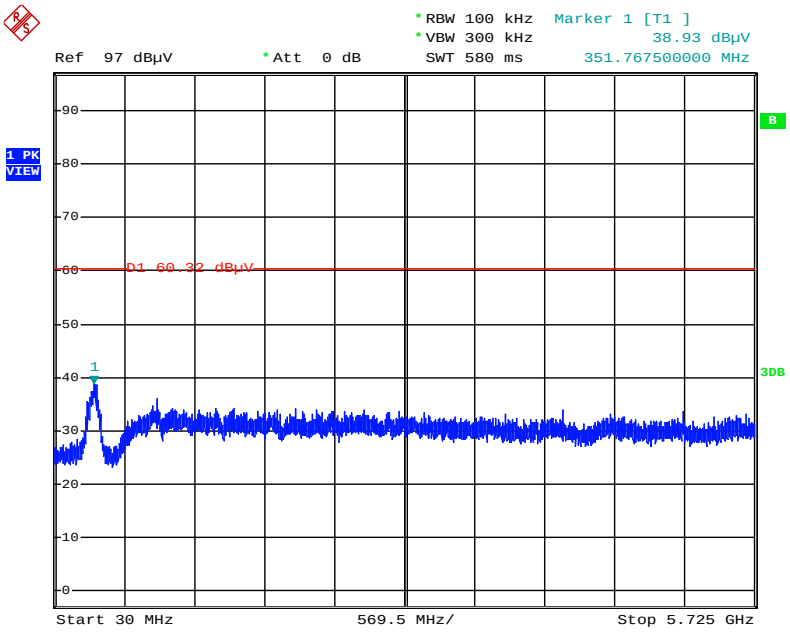
Date: 8.MAY.2015 17:07:47

Plot on Configuration IEEE 802.11a / CH 149 / 5850MHz~40000MHz (down 30dBc)



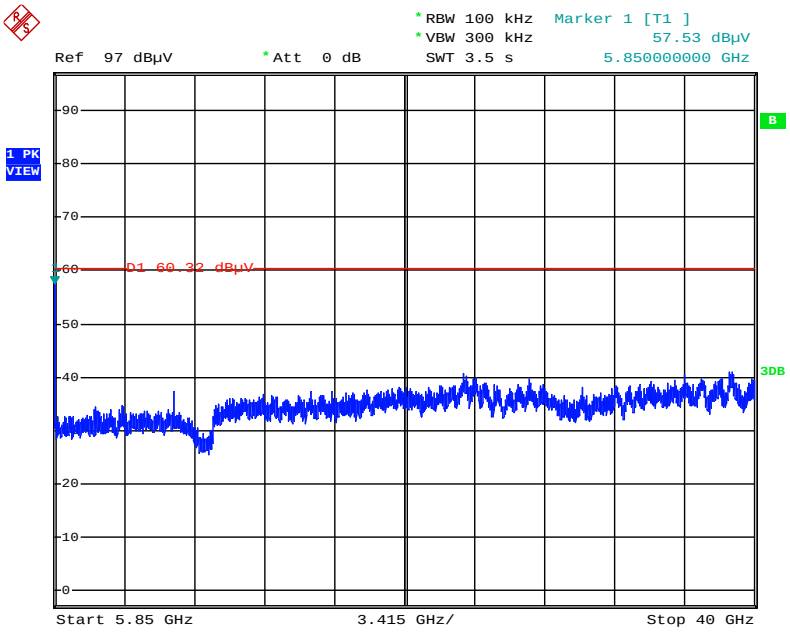
Date: 8.MAY.2015 17:08:51

Plot on Configuration IEEE 802.11a / CH 165 / 30MHz~5725MHz (down 30dBc)



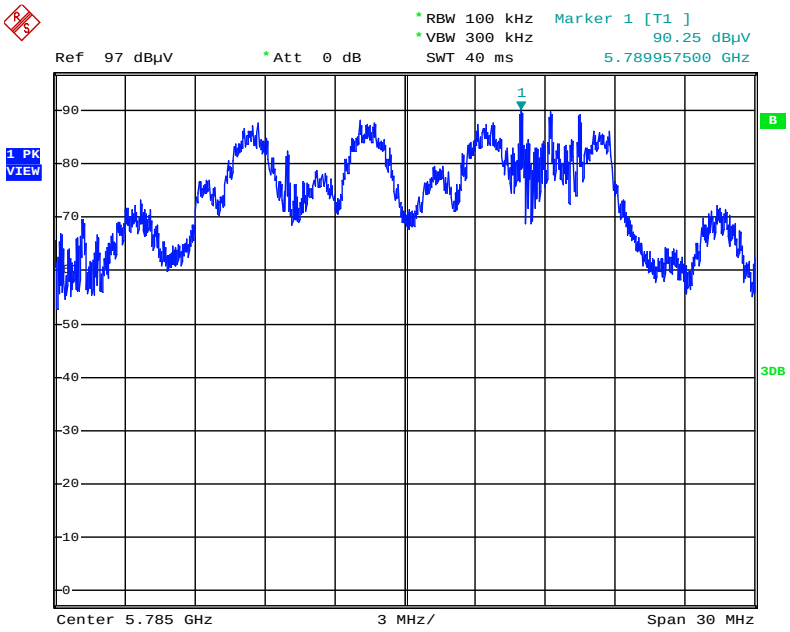
Date: 8.MAY.2015 17:10:29

Plot on Configuration IEEE 802.11a / CH 165 / 5850MHz~40000MHz (down 30dBc)



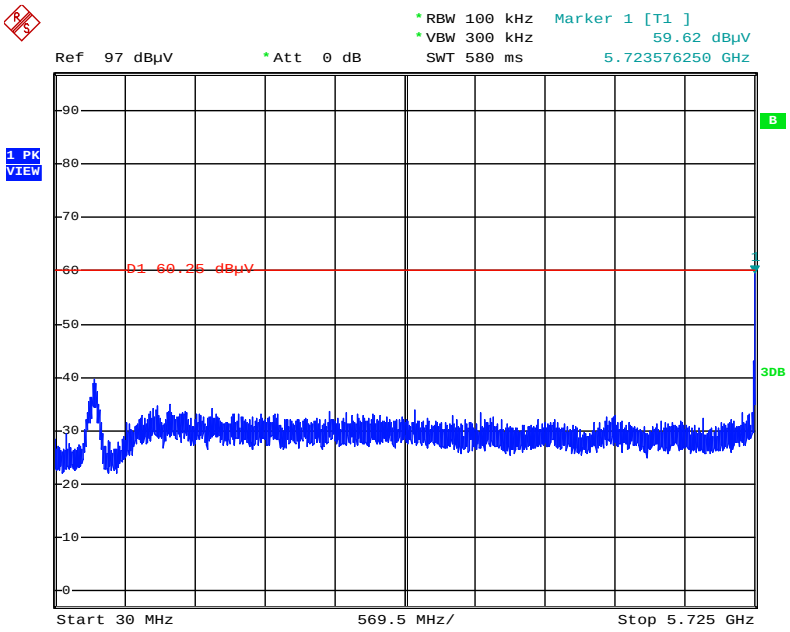
Date: 8.MAY.2015 17:11:17

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



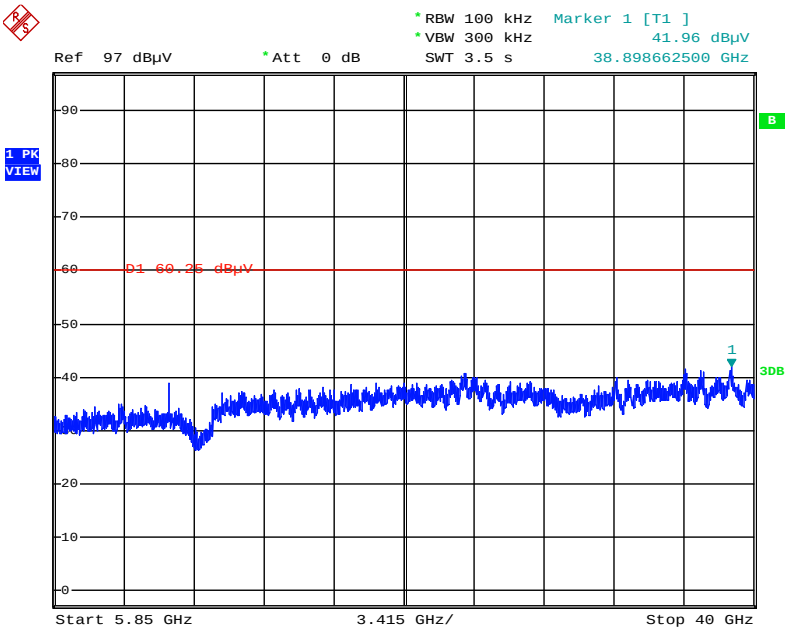
Date: 8.MAY.2015 16:55:34

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 30MHz~5725MHz (down 30dBc)



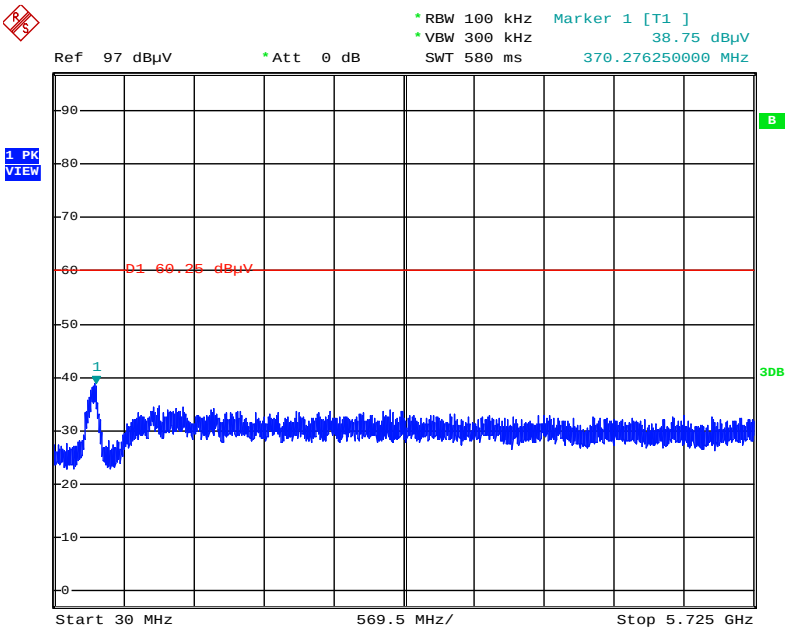
Date: 8.MAY.2015 16:58:19

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 5850MHz~40000MHz (down 30dBc)



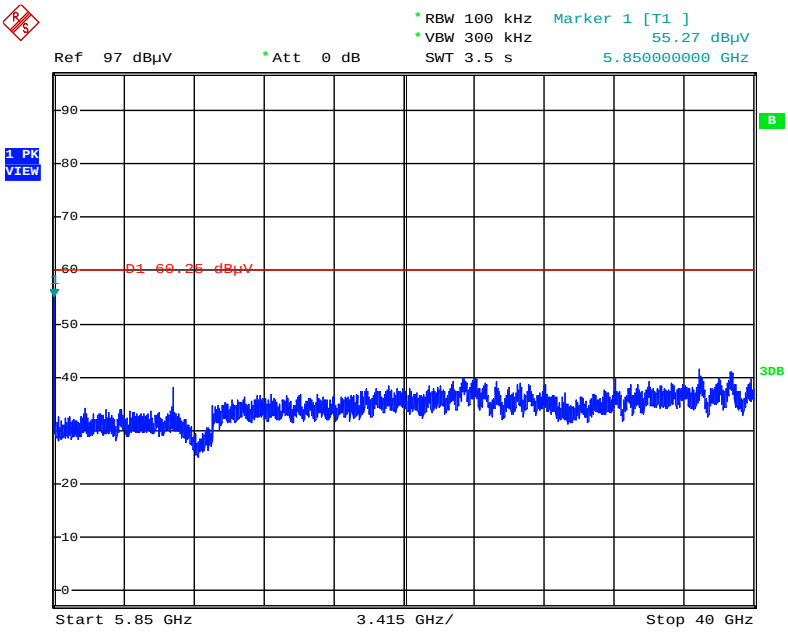
Date: 8.MAY.2015 16:59:58

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 30MHz~5725MHz (down 30dBc)



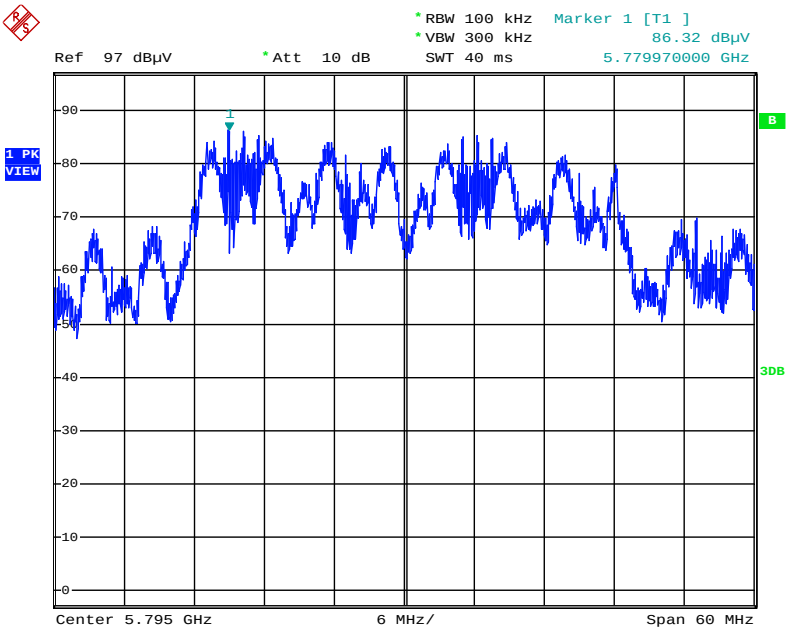
Date: 8.MAY.2015 17:01:49

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 5850MHz~40000MHz (down 30dBc)



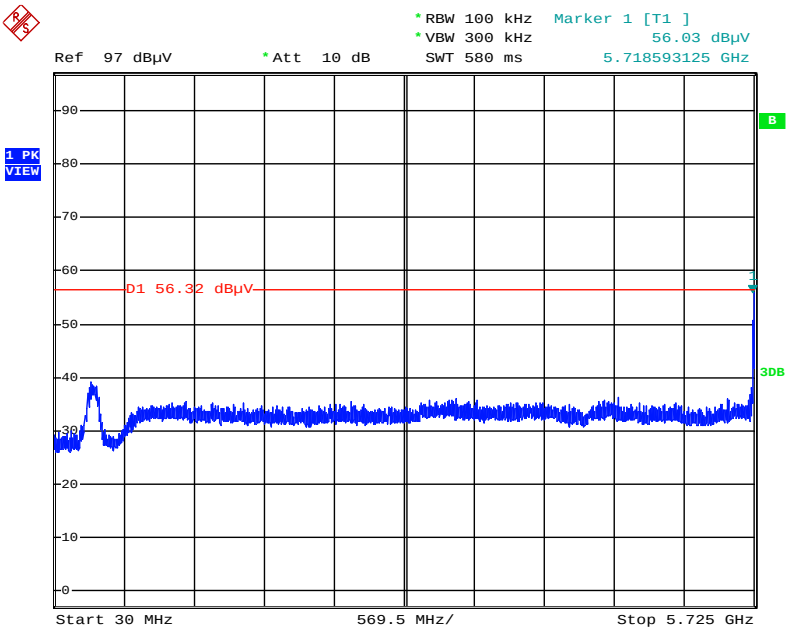
Date: 8.MAY.2015 17:04:10

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



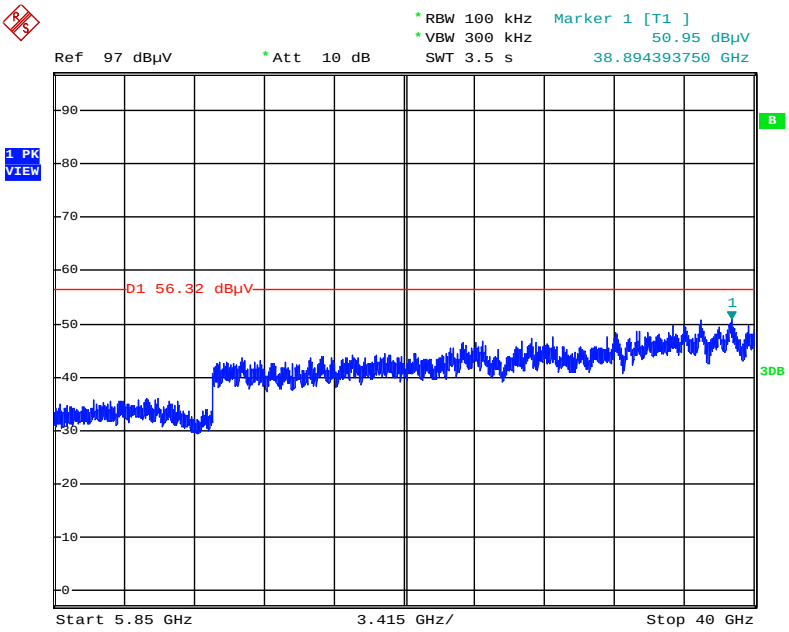
Date: 8.MAY.2015 15:38:38

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 30MHz~5725MHz (down 30dBc)



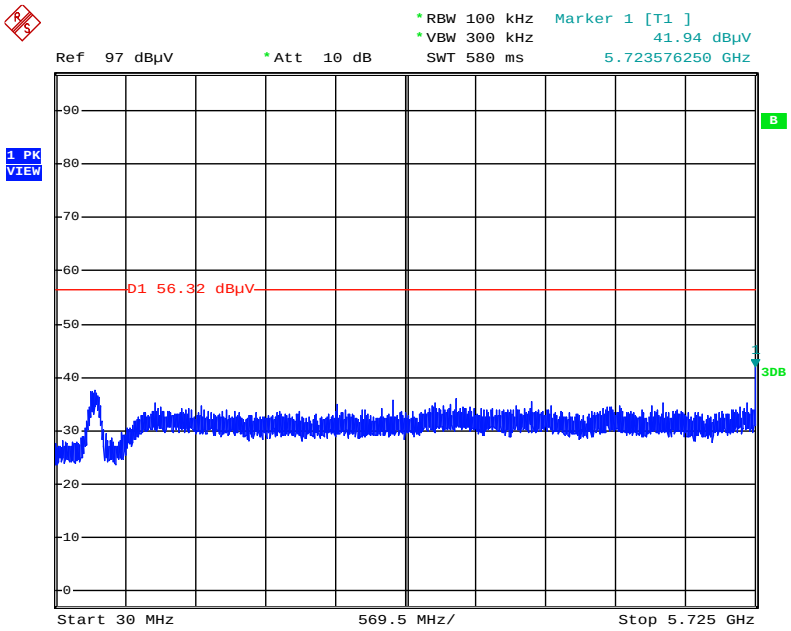
Date: 8.MAY.2015 15:50:40

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 5850MHz~40000MHz (down 30dBc)



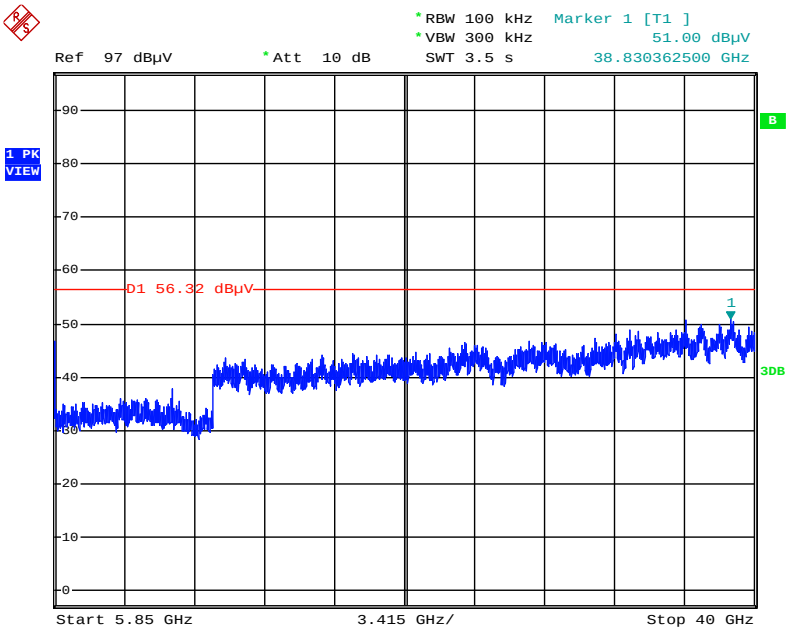
Date: 8.MAY.2015 15:51:33

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 30MHz~5725MHz (down 30dBc)



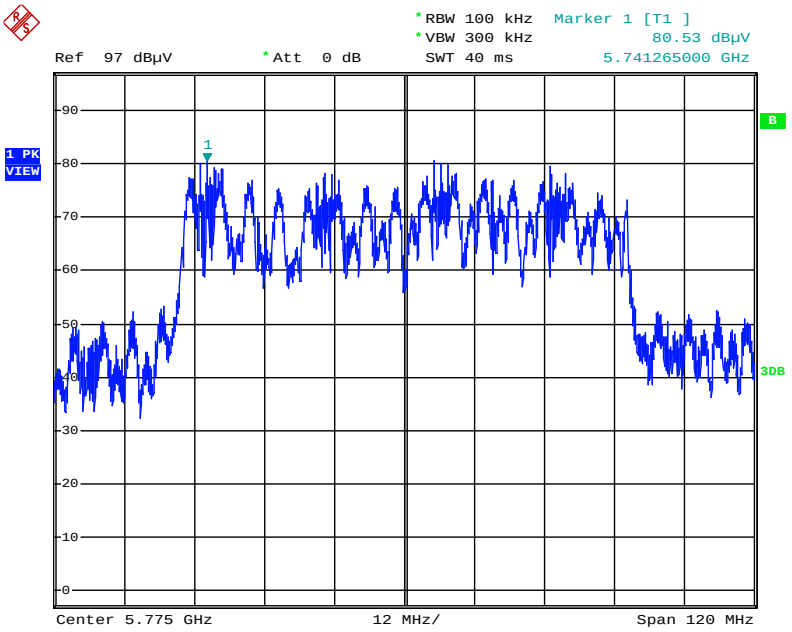
Date: 8.MAY.2015 15:39:51

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 5850MHz~40000MHz (down 30dBc)



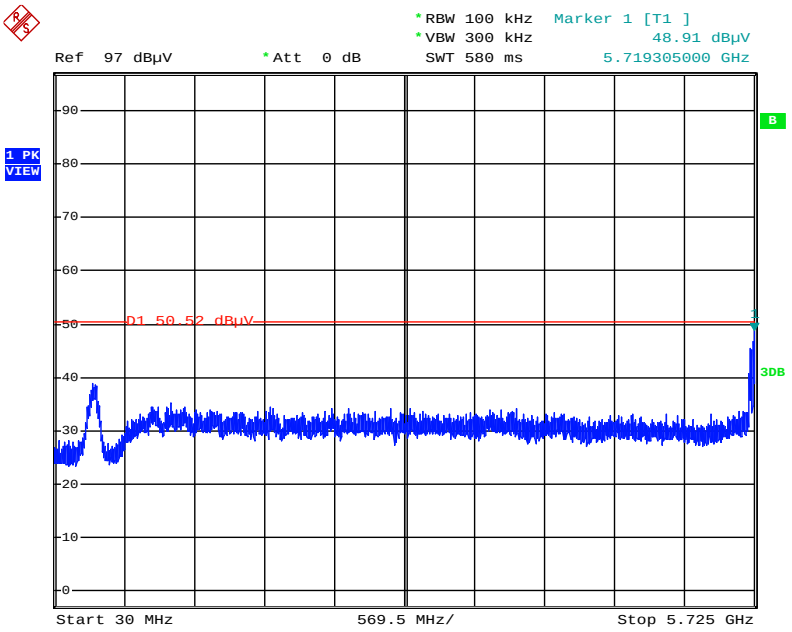
Date: 8.MAY.2015 15:40:58

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Reference Level



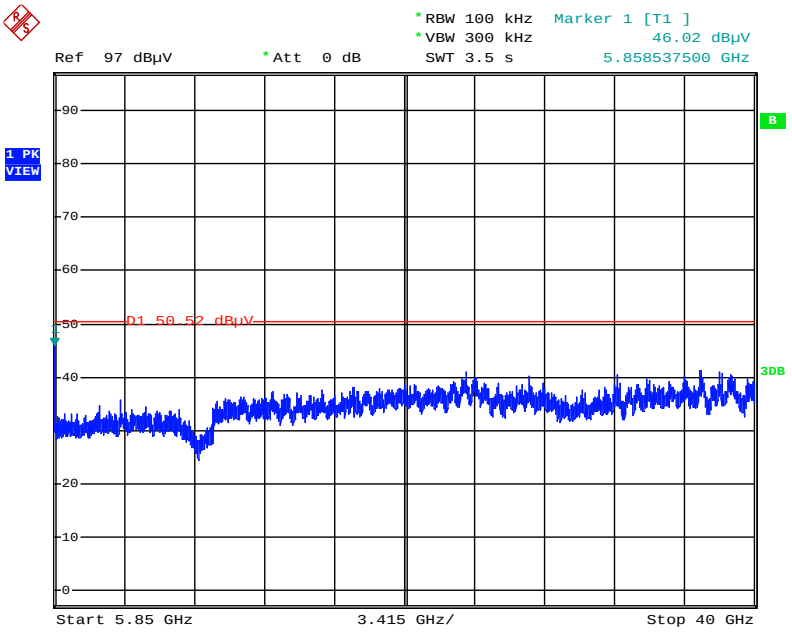
Date: 8.MAY.2015 16:14:02

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 30MHz~5725MHz (down 30dBc)



Date: 8.MAY.2015 16:14:44

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 5850MHz~40000MHz (down 30dBc)

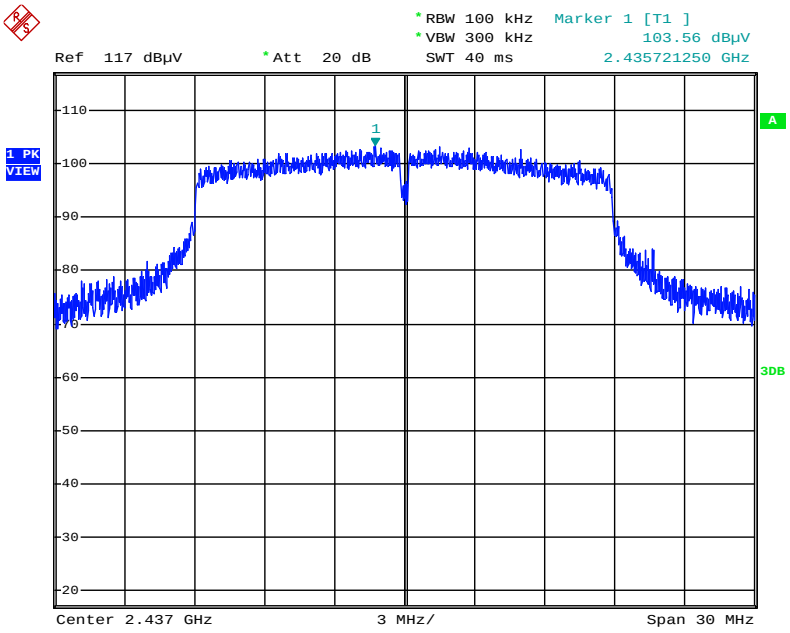


Date: 8.MAY.2015 16:15:28

EUT: Version 1

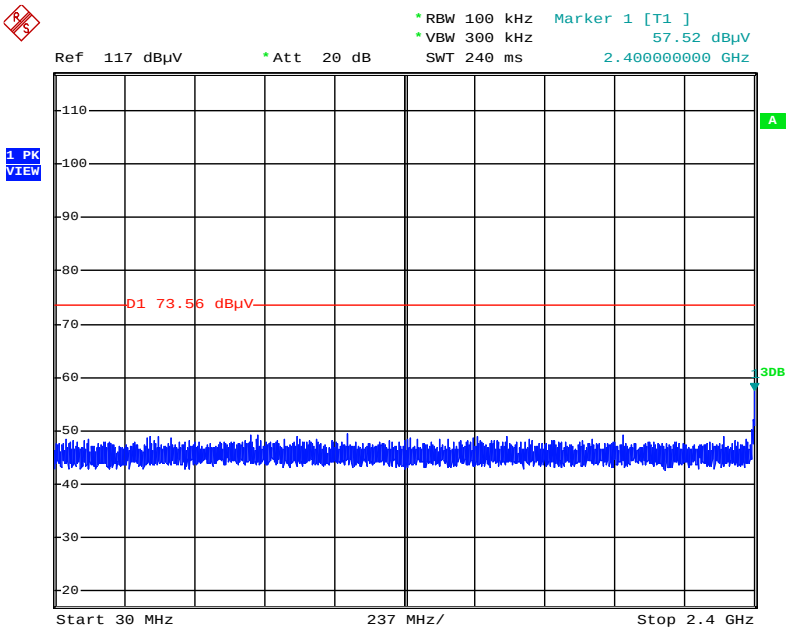
For beamforming function:

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



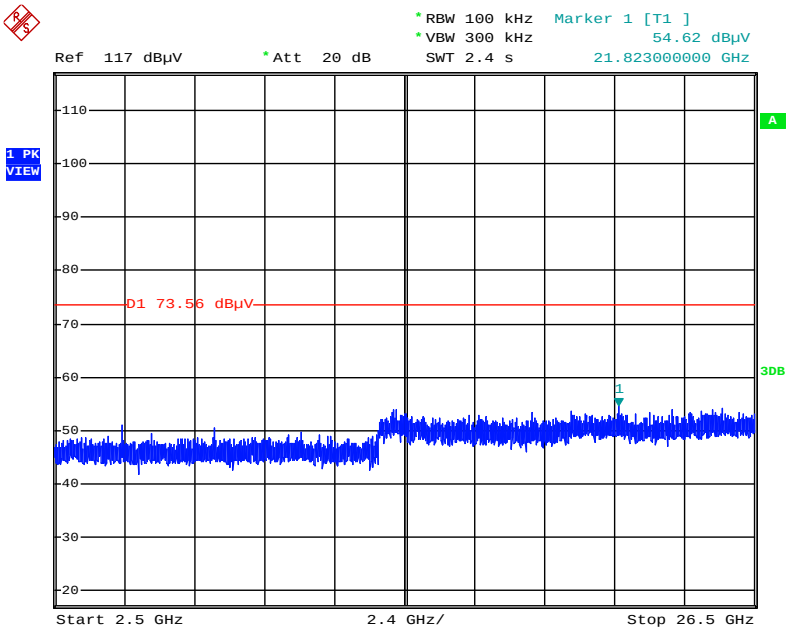
Date: 17.MAY.2015 01:32:00

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



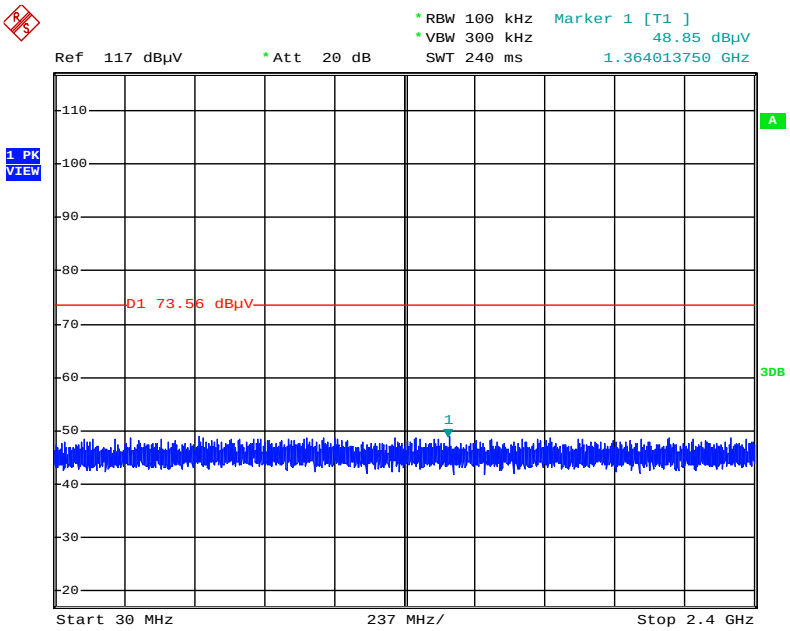
Date: 17.MAY.2015 01:33:32

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 2500MHz~26500MHz (down 30dBc)



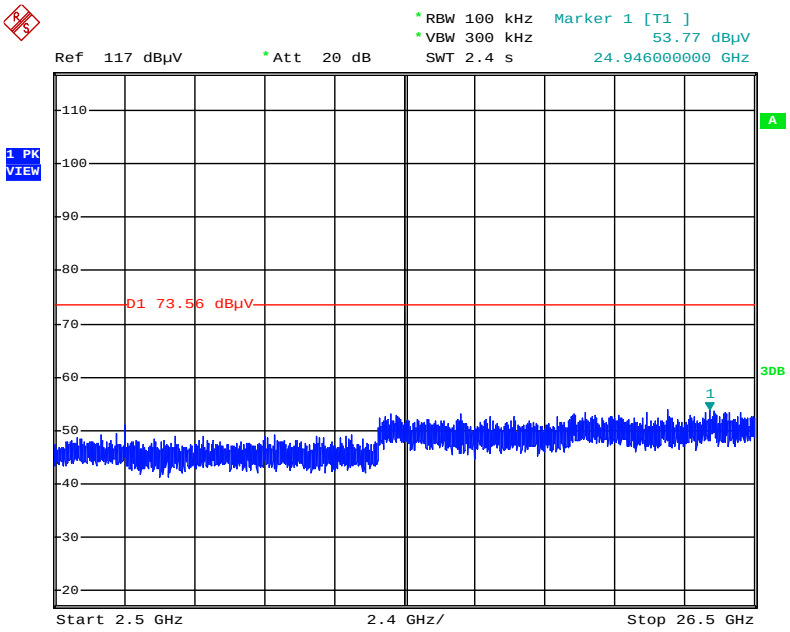
Date: 17.MAY.2015 01:34:21

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



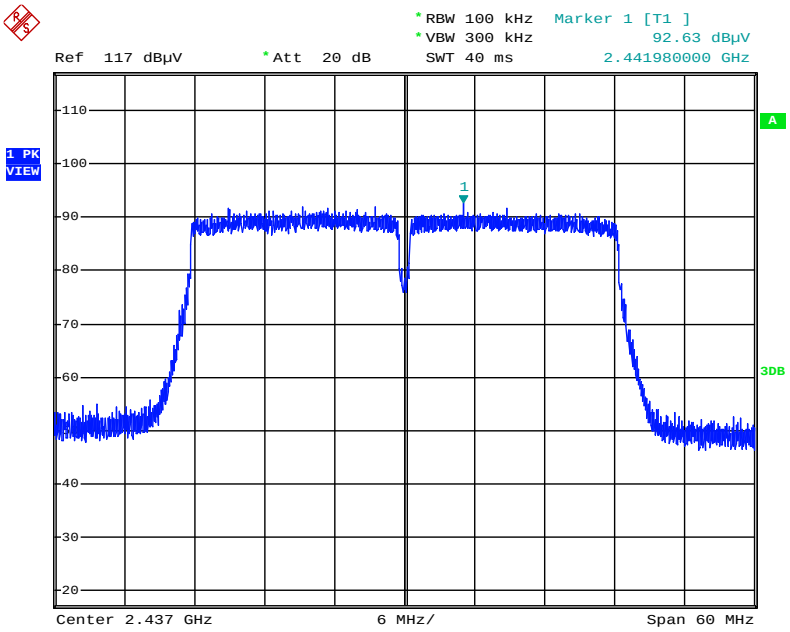
Date: 17.MAY.2015 01:35:27

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 2500MHz~26500MHz (down 30dBc)



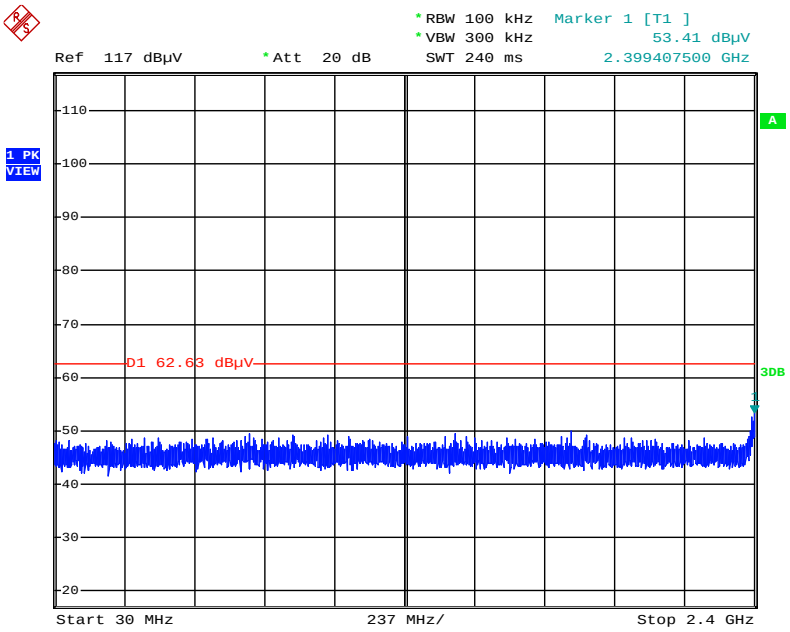
Date: 17.MAY.2015 01:34:59

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



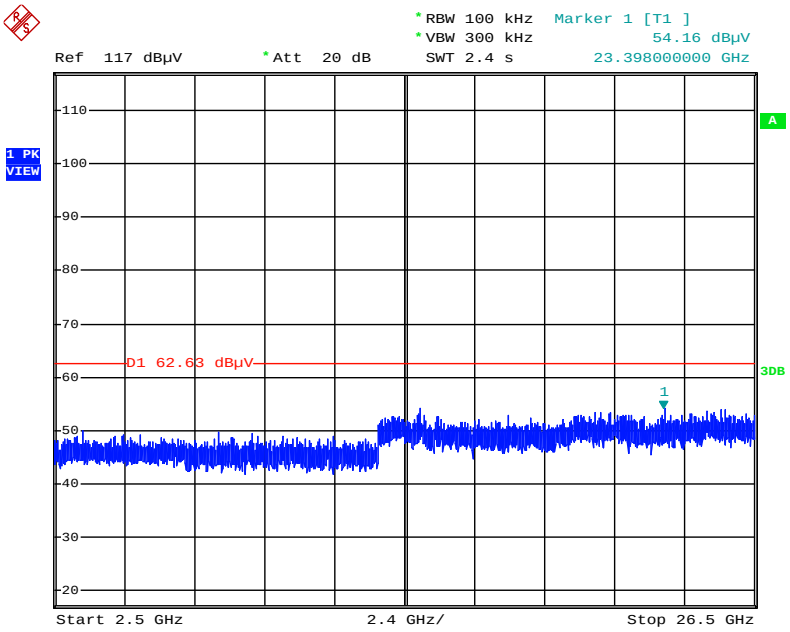
Date: 17.MAY.2015 01:36:36

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 30MHz~2400MHz (down 30dBc)



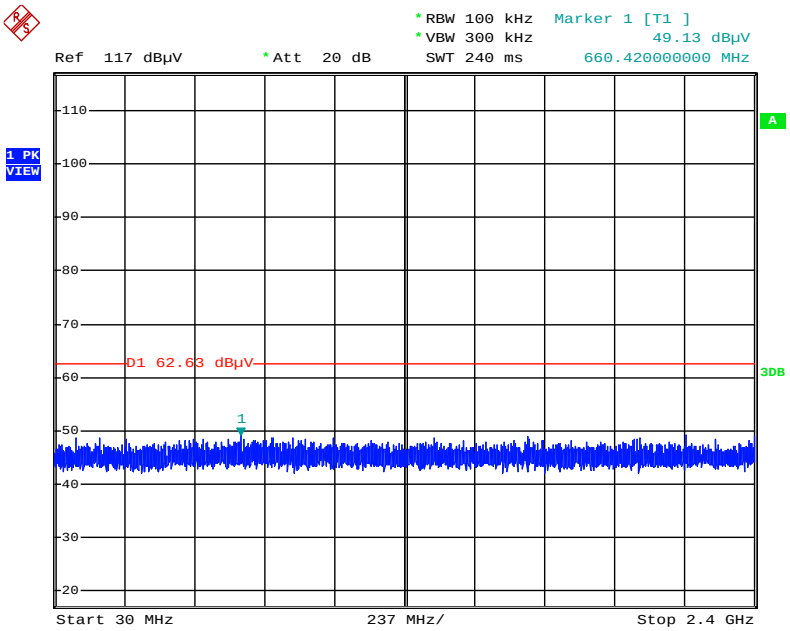
Date: 17.MAY.2015 01:37:25

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 2500MHz~26500MHz (down 30dBc)



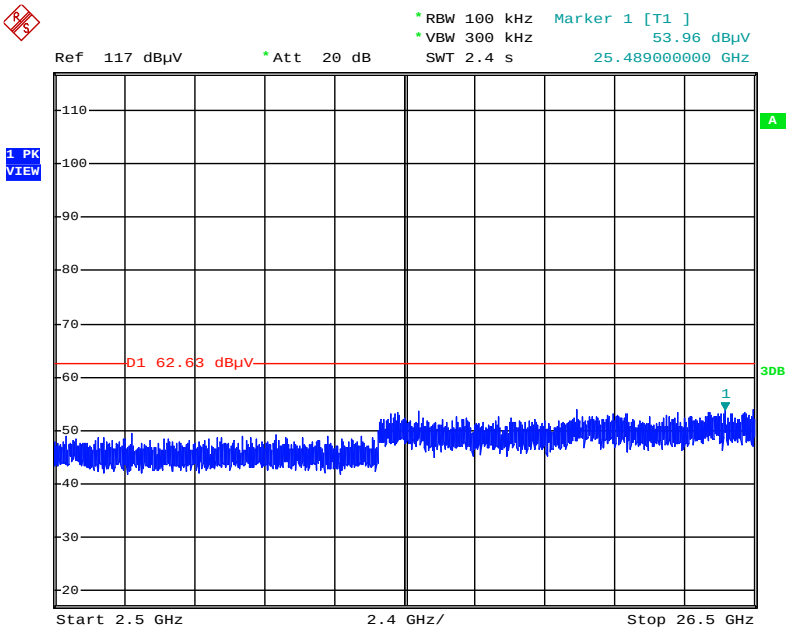
Date: 17.MAY.2015 01:37:53

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 30MHz~2400MHz (down 30dBc)



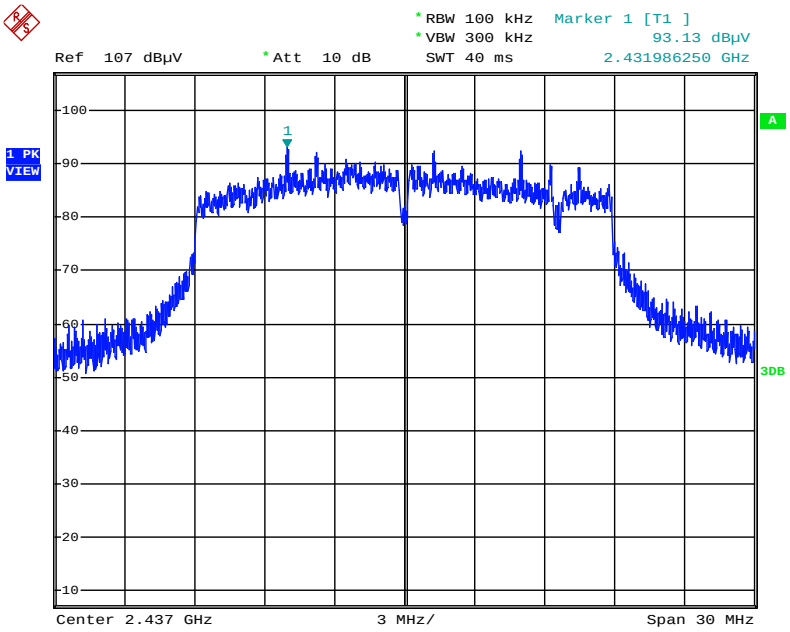
Date: 17.MAY.2015 01:39:09

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 2500MHz~26500MHz (down 30dBc)



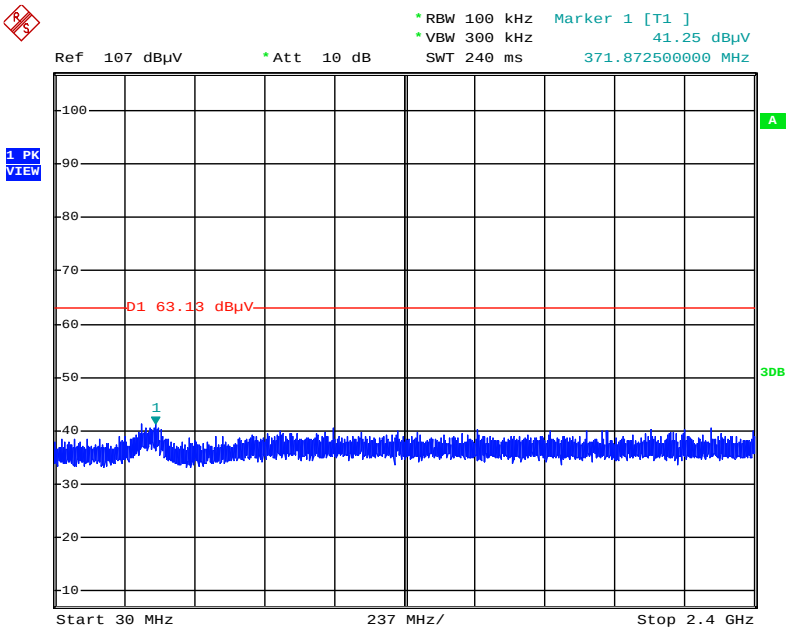
Date: 17.MAY.2015 01:38:40

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Reference Level



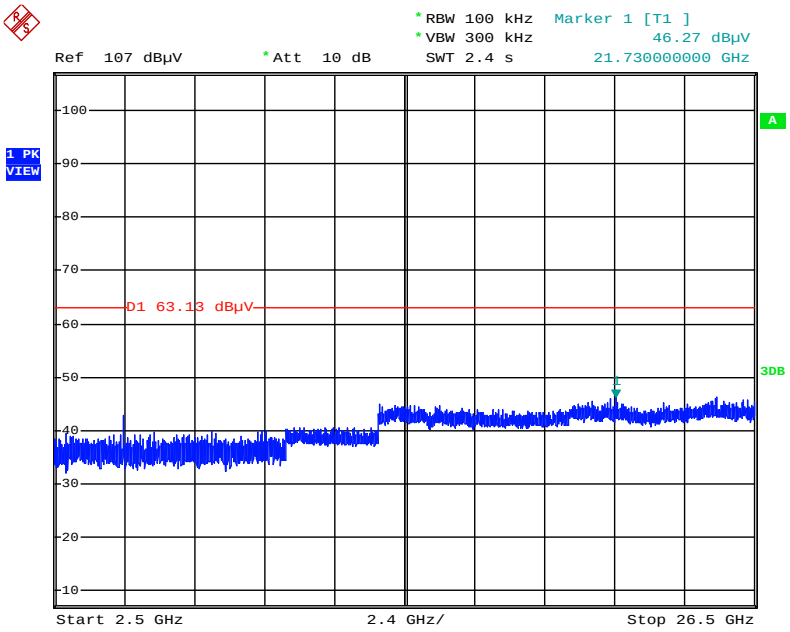
Date: 21.MAY.2015 19:15:33

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 6 / 30MHz~2400MHz (down 30dBc)



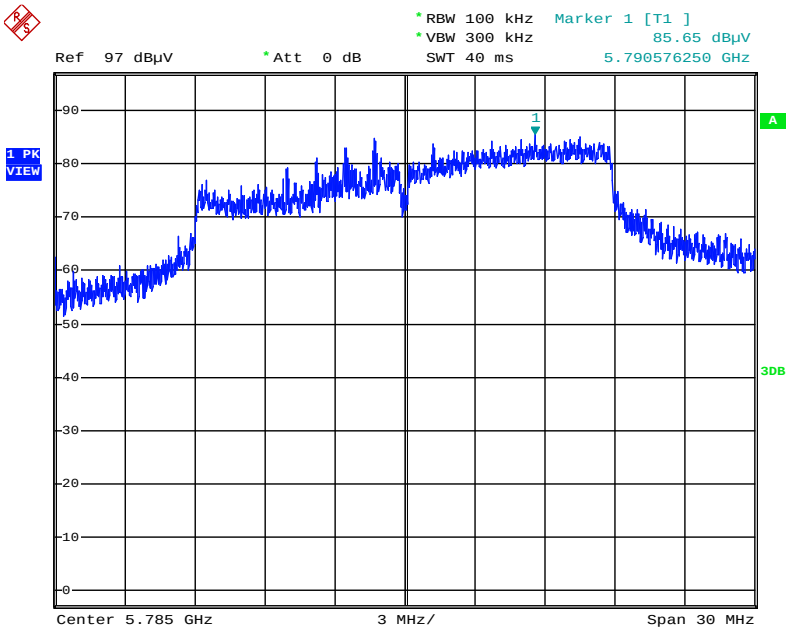
Date: 21.MAY.2015 19:16:59

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 6 / 2500MHz~26500MHz (down 30dBc)



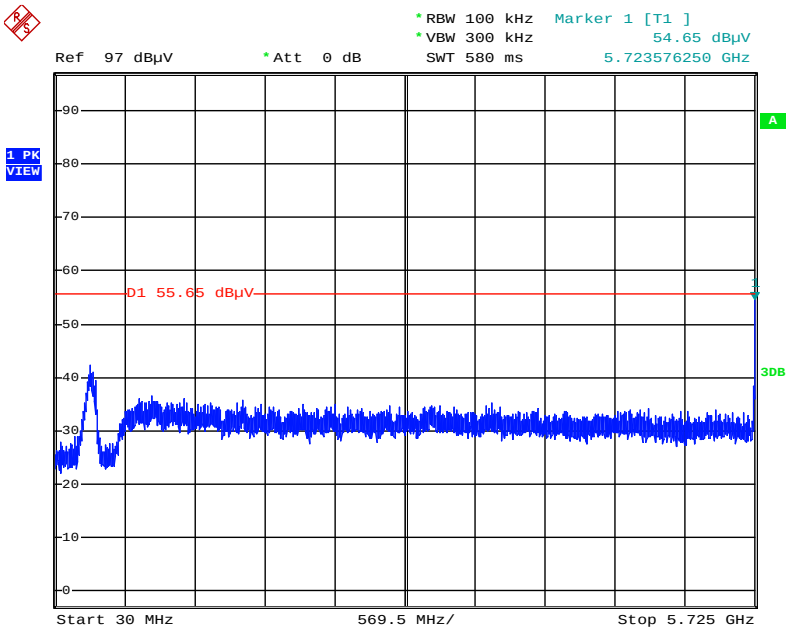
Date: 21.MAY.2015 19:20:44

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



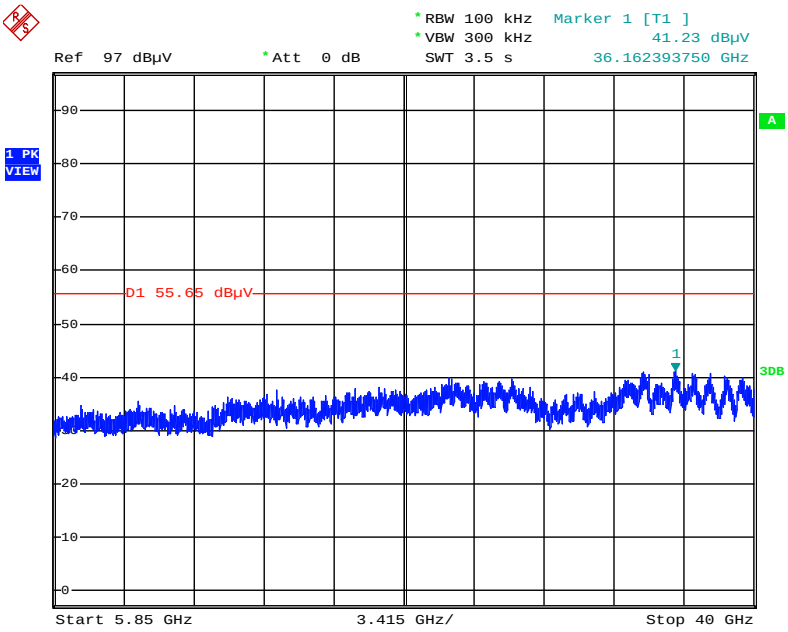
Date: 16.MAY.2015 13:08:41

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 30MHz~5725MHz (down 30dBc)



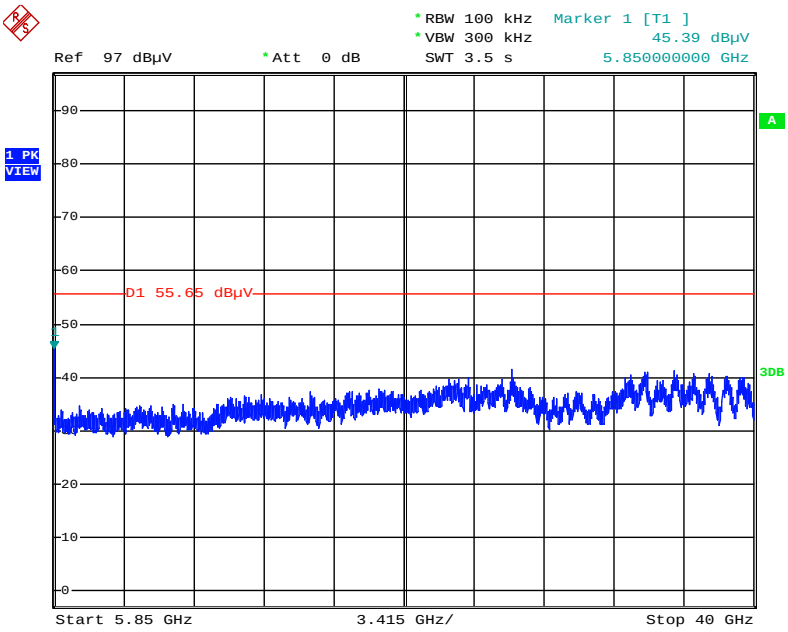
Date: 16.MAY.2015 13:10:54

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 5850MHz~40000MHz (down 30dBc)



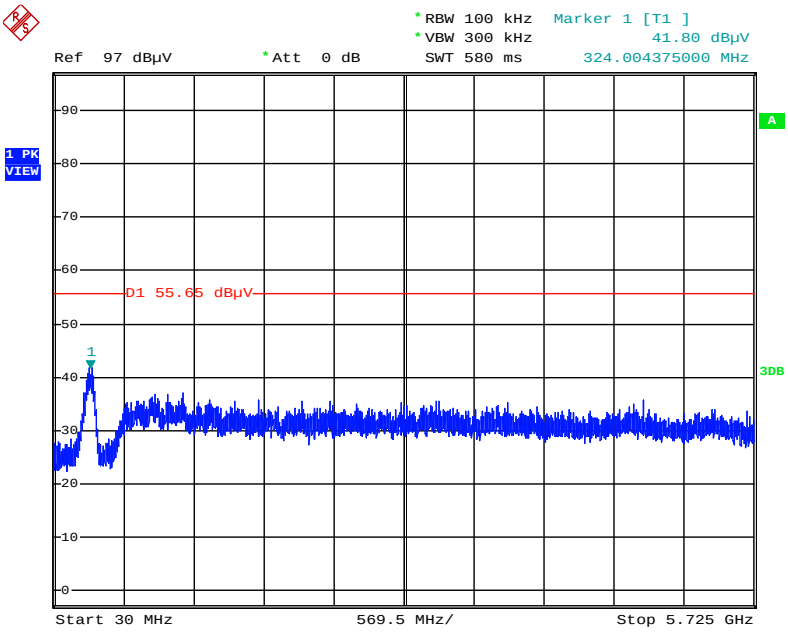
Date: 16.MAY.2015 13:11:39

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 30MHz~5725MHz (down 30dBc)



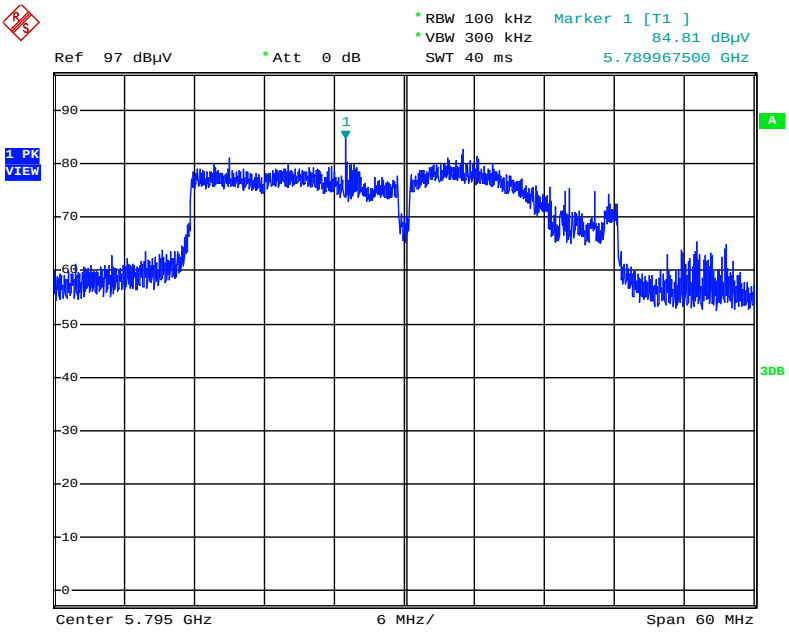
Date: 16.MAY.2015 13:13:26

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 5850MHz~40000MHz (down 30dBc)



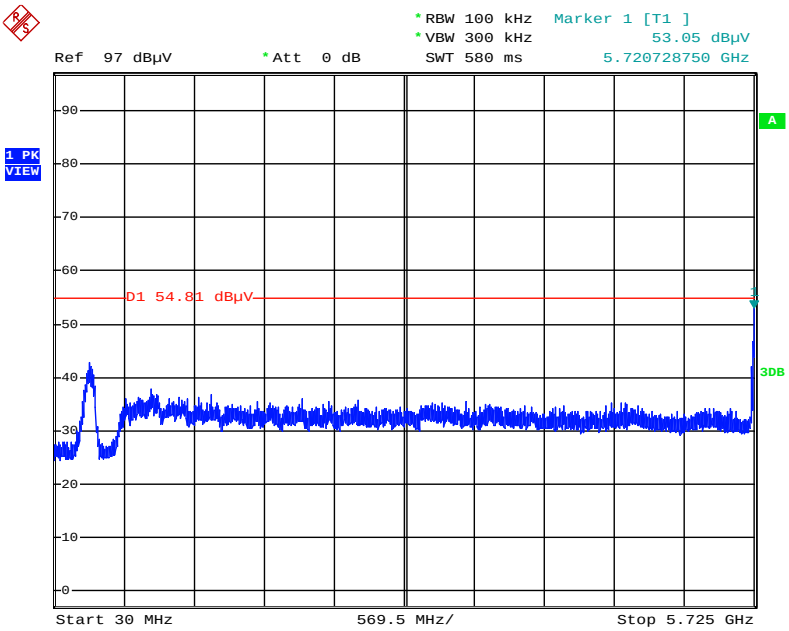
Date: 16.MAY.2015 13:13:52

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



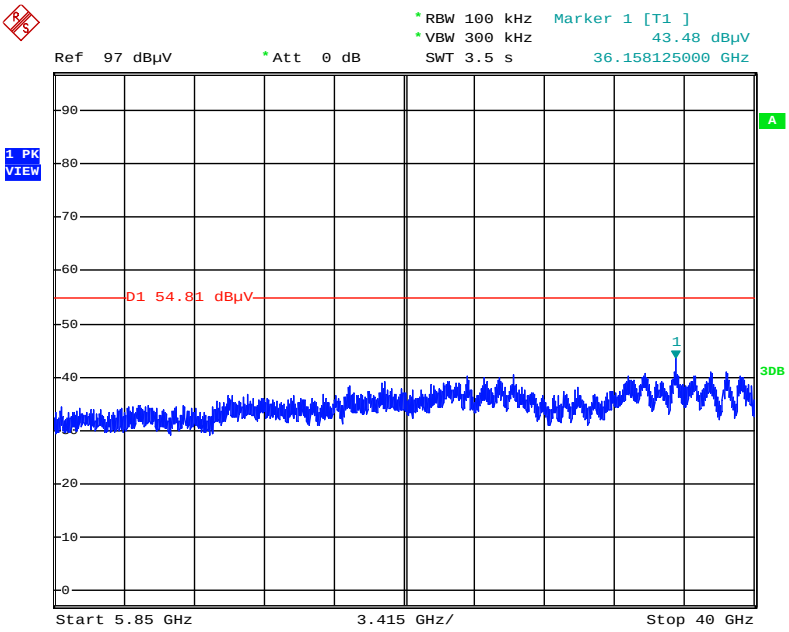
Date: 16.MAY.2015 13:19:42

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 30MHz~5725MHz (down 30dBc)



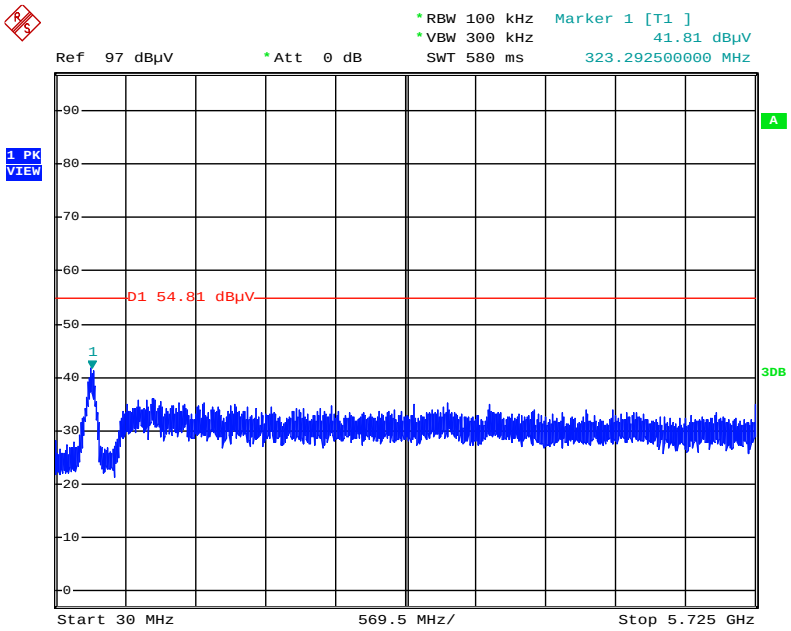
Date: 16.MAY.2015 13:23:30

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 5850MHz~40000MHz (down 30dBc)



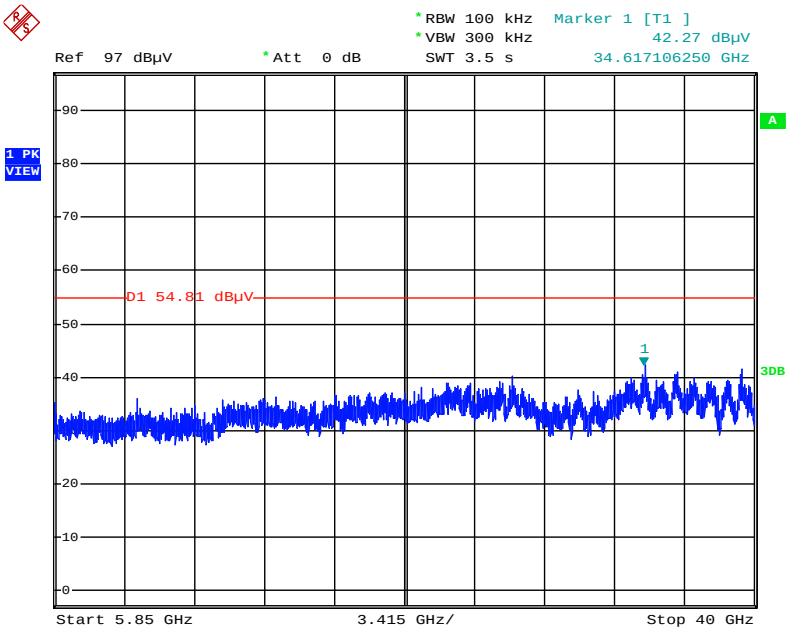
Date: 16.MAY.2015 13:25:26

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 30MHz~5725MHz (down 30dBc)



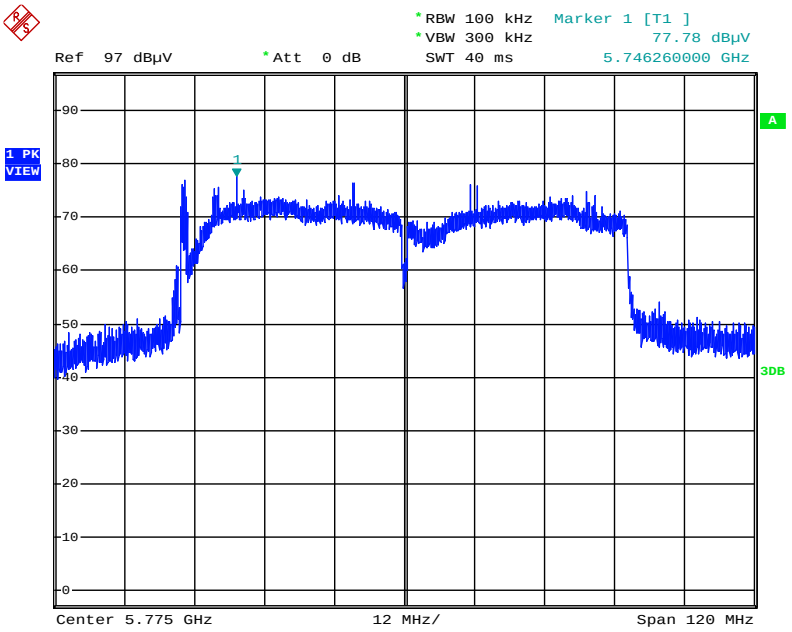
Date: 16.MAY.2015 16:00:55

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 5850MHz~40000MHz (down 30dBc)



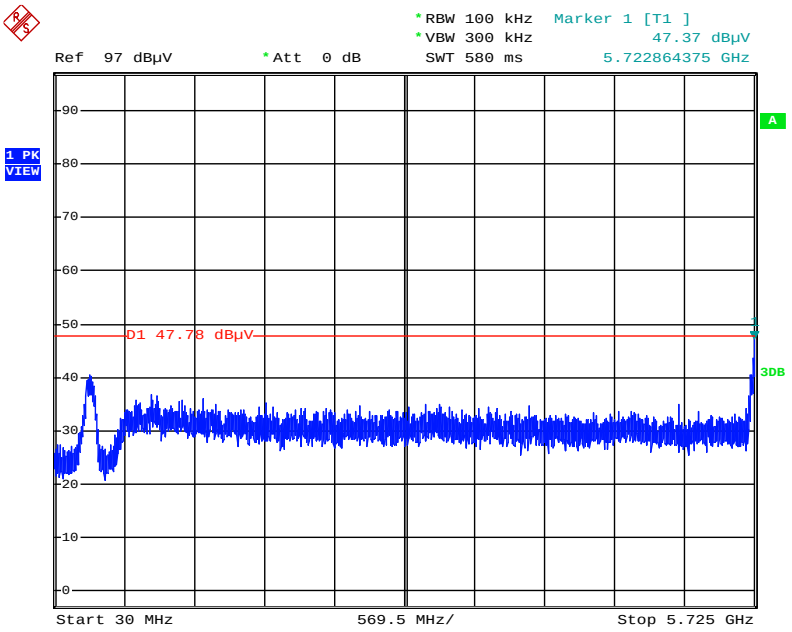
Date: 16.MAY.2015 16:00:37

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Reference Level



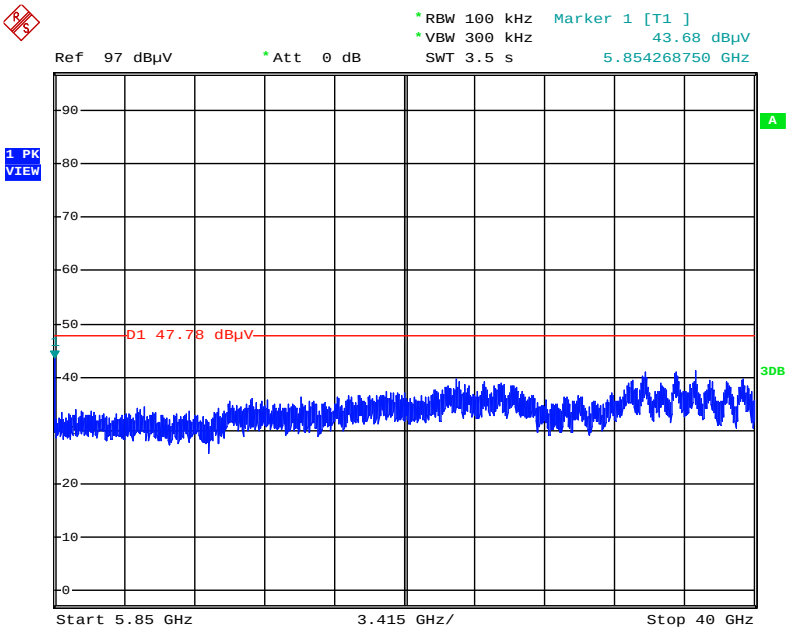
Date: 16.MAY.2015 15:54:13

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 30MHz~5725MHz (down 30dBc)



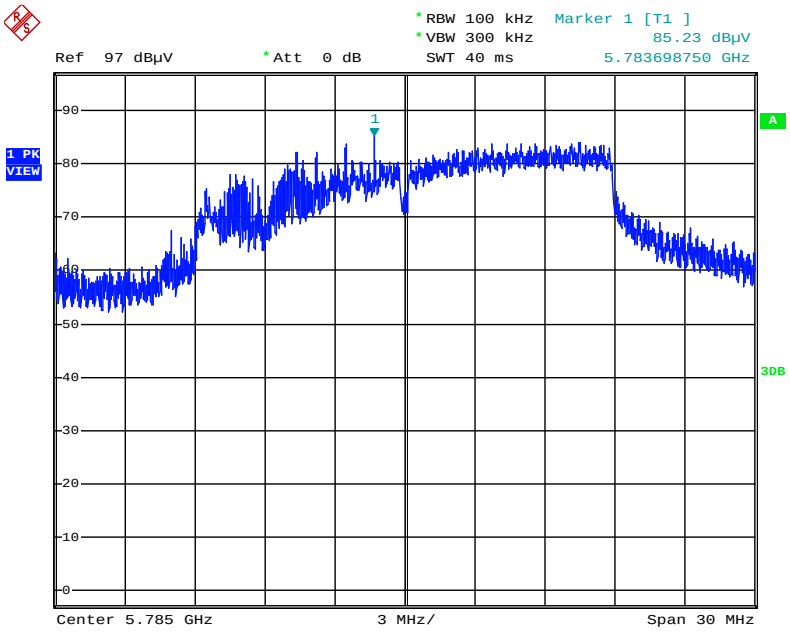
Date: 16.MAY.2015 15:54:52

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 5850MHz~40000MHz (down 30dBc)



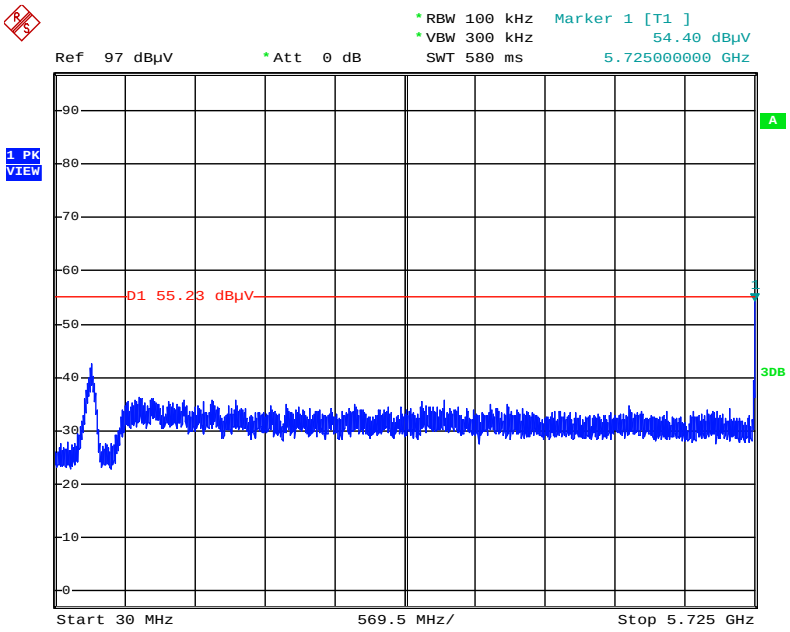
Date: 16.MAY.2015 15:55:29

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Reference Level



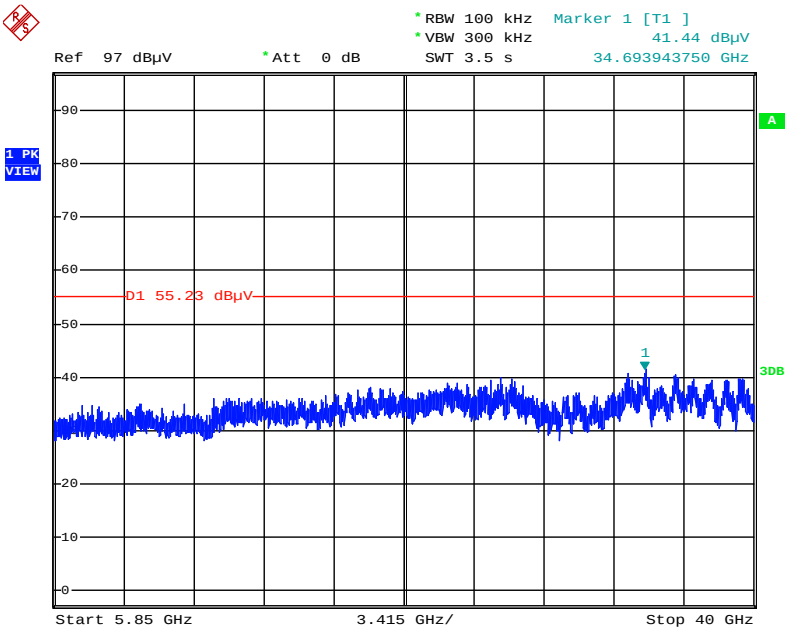
Date: 16.MAY.2015 16:16:37

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 149 / 30MHz~5725MHz (down 30dBc)



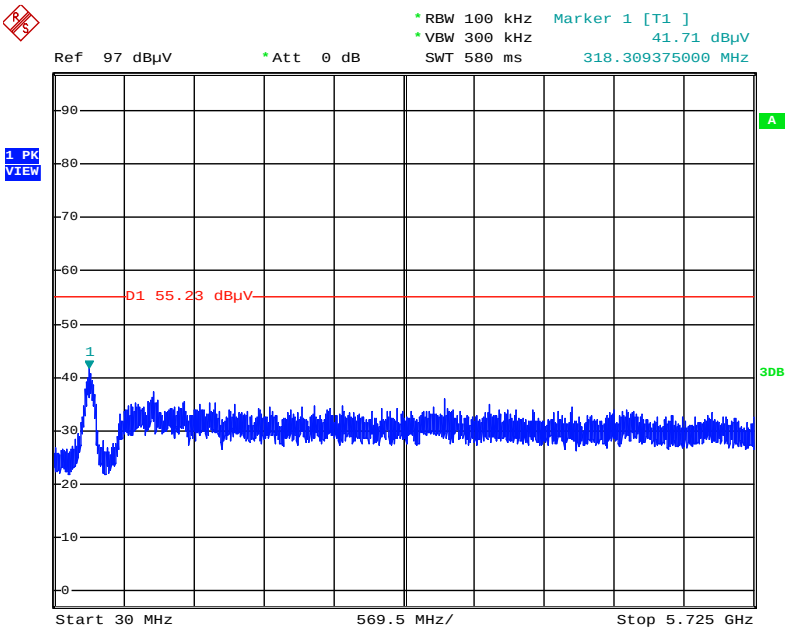
Date: 16.MAY.2015 16:19:47

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 149 / 5850MHz~40000MHz (down 30dBc)



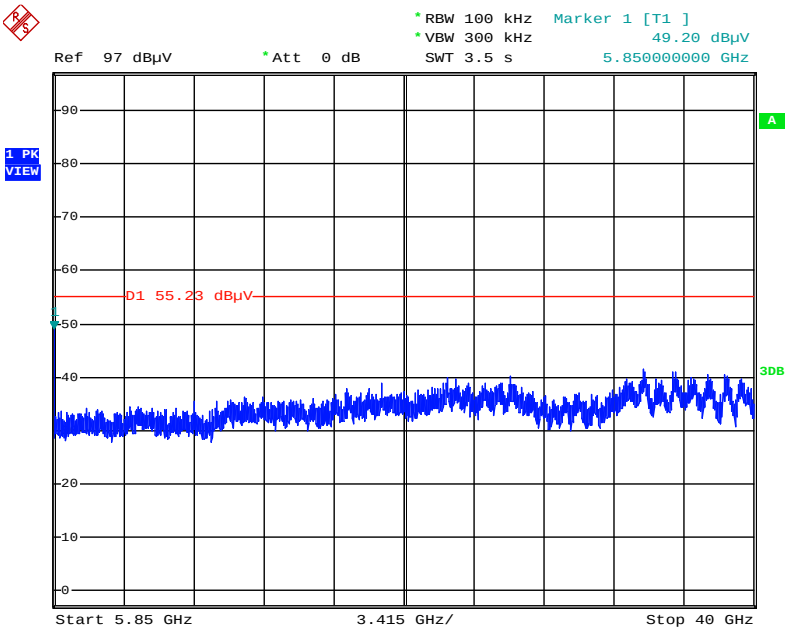
Date: 16.MAY.2015 16:20:22

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 165 / 30MHz~5725MHz (down 30dBc)



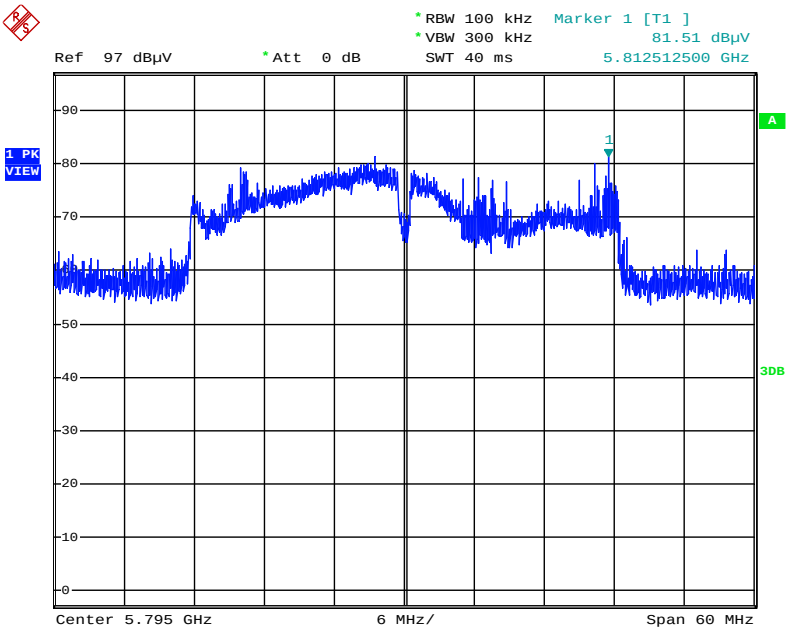
Date: 16.MAY.2015 16:21:41

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 165 / 5850MHz~40000MHz (down 30dBc)



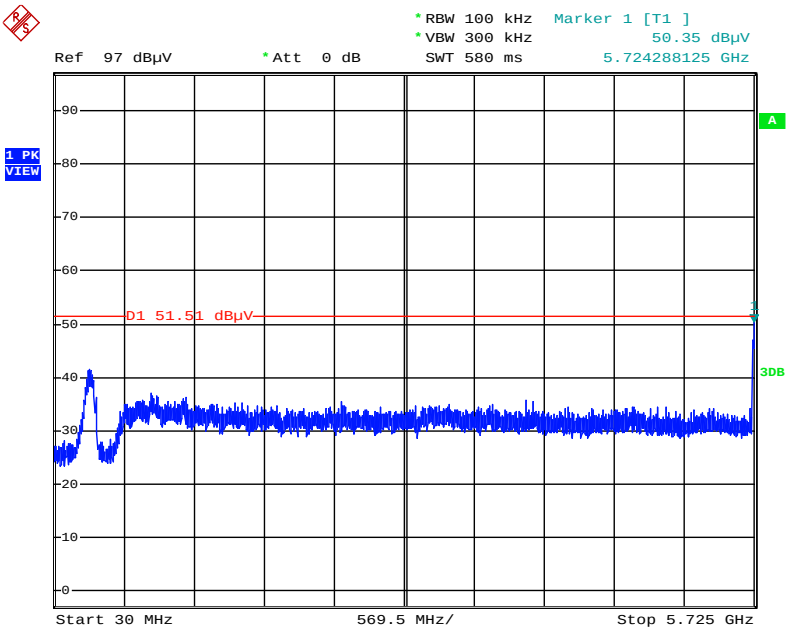
Date: 16.MAY.2015 16:21:22

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Reference Level



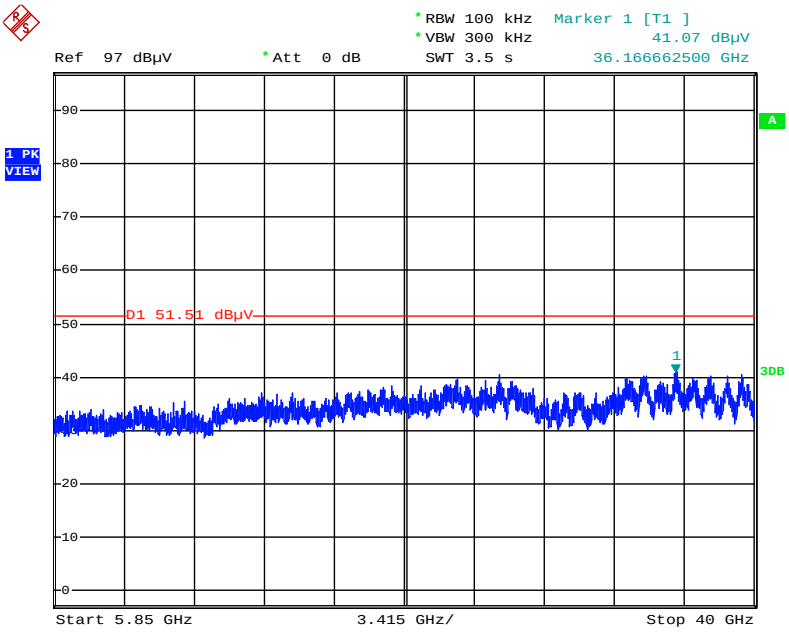
Date: 16.MAY.2015 16:26:05

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 151 / 30MHz~5725MHz (down 30dBc)



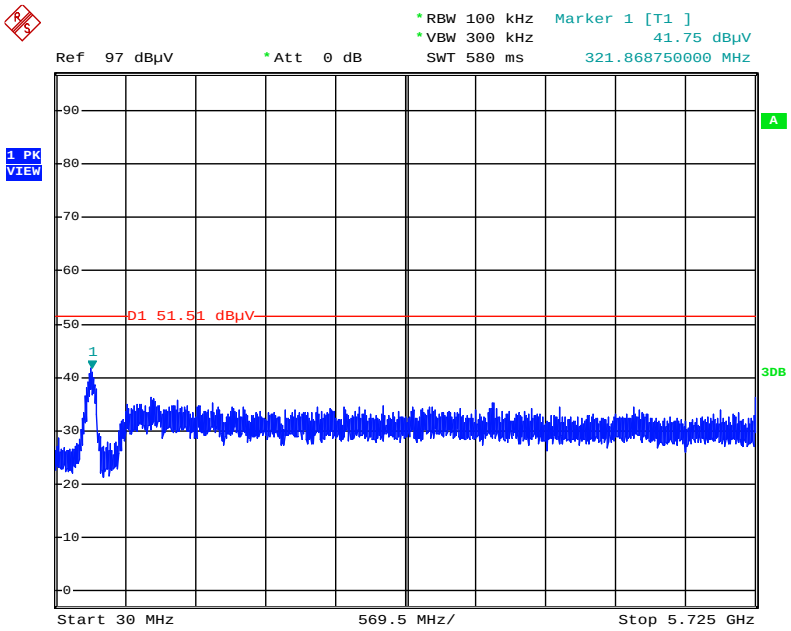
Date: 16.MAY.2015 16:28:44

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 151 / 5850MHz~40000MHz (down 30dBc)



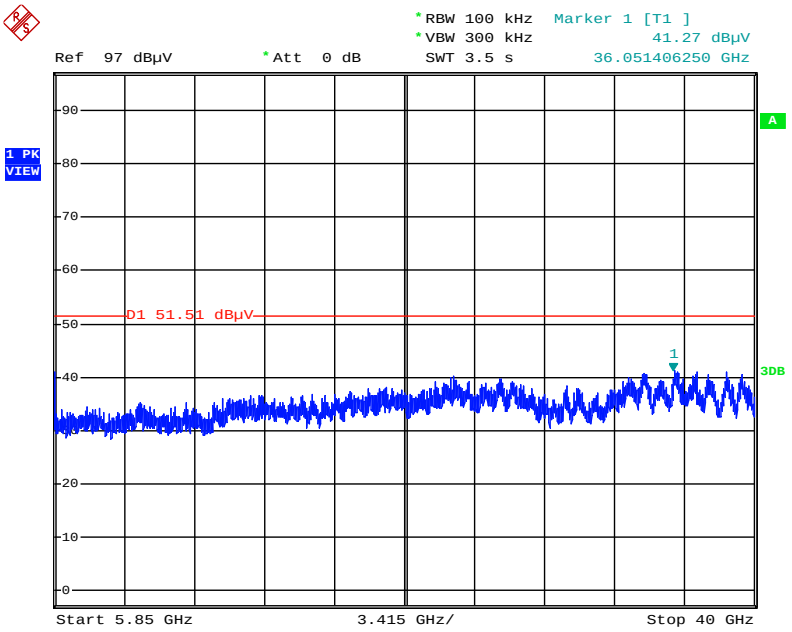
Date: 16.MAY.2015 16:29:15

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 159 / 30MHz~5725MHz (down 30dBc)



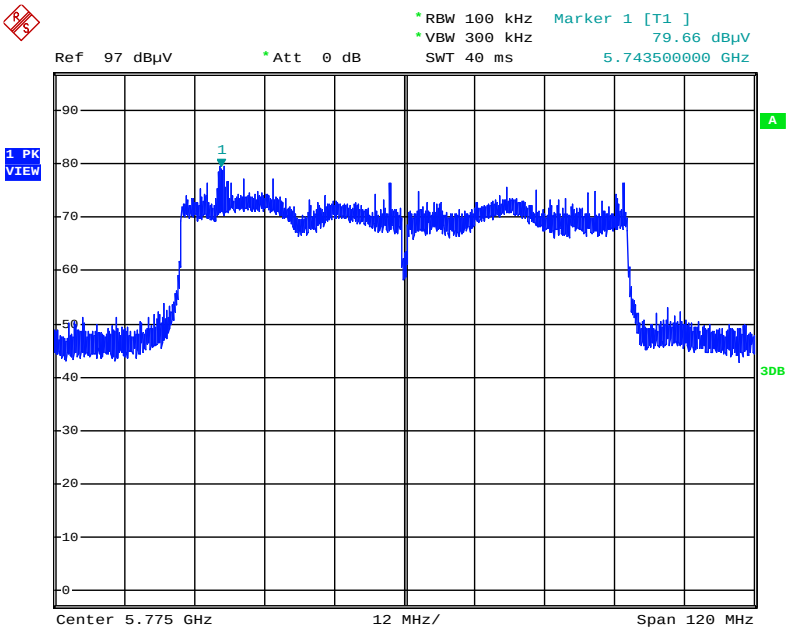
Date: 16.MAY.2015 16:30:45

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 159 / 5850MHz~40000MHz (down 30dBc)



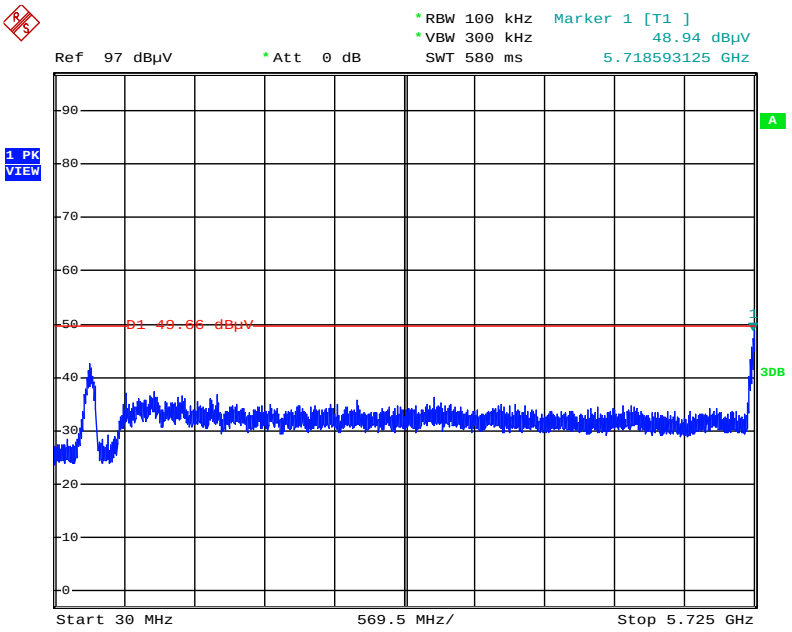
Date: 16.MAY.2015 16:30:24

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Reference Level



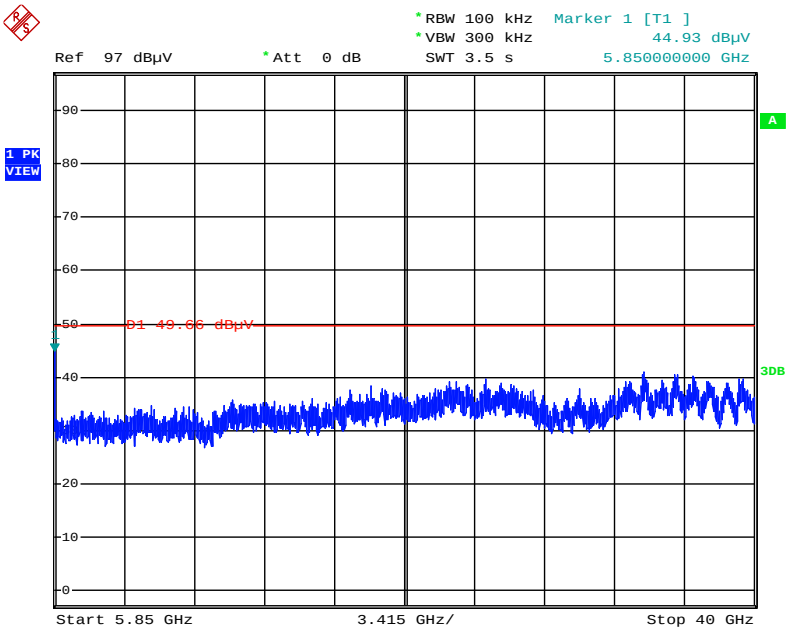
Date: 16.MAY.2015 16:36:44

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / CH 155 / 30MHz~5725MHz (down 30dBc)



Date: 16.MAY.2015 16:43:58

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / CH 155 / 5850MHz~40000MHz (down 30dBc)

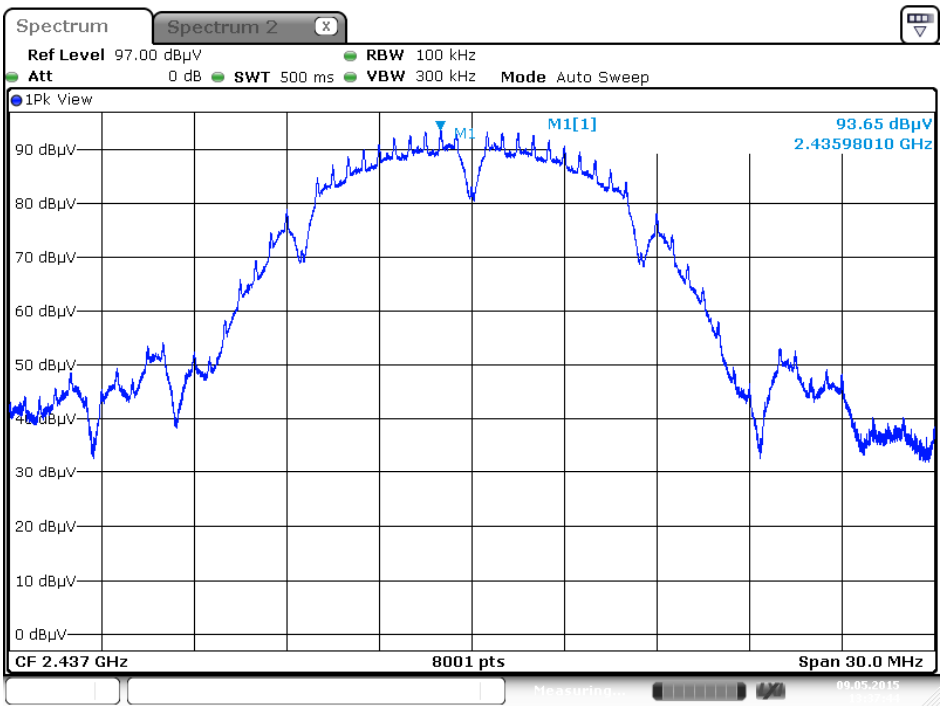


Date: 16.MAY.2015 16:44:24

EUT: Version 2

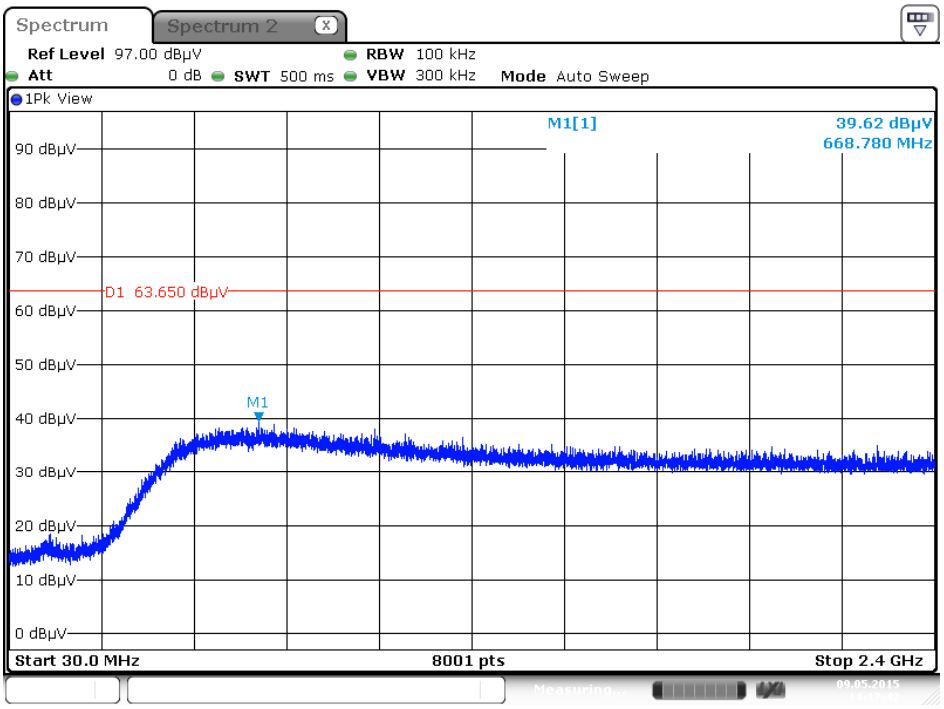
For non-beamforming function:

Plot on Configuration IEEE 802.11b / Reference Level



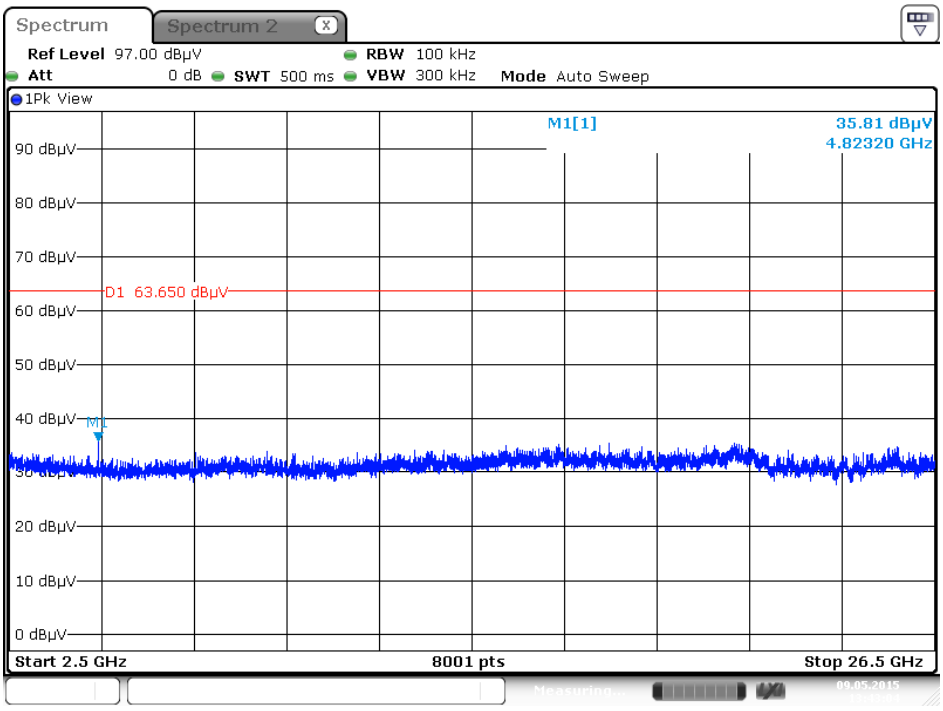
Date: 9.MAY.2015 13:37:44

Plot on Configuration IEEE 802.11b / CH 1 / 30MHz~2400MHz (down 30dBc)



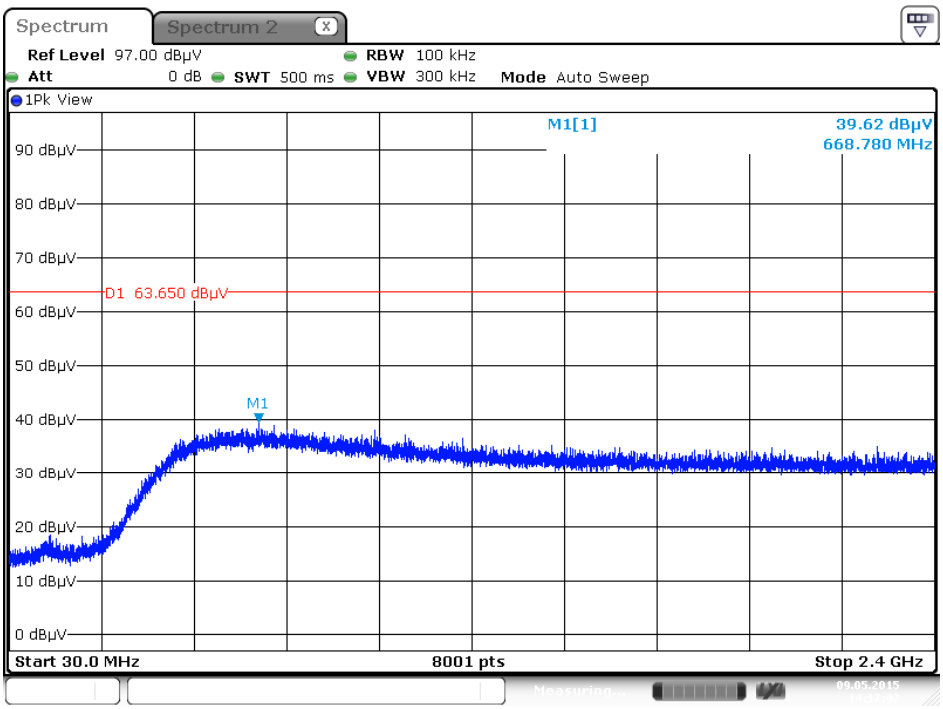
Date: 9.MAY.2015 14:17:42

Plot on Configuration IEEE 802.11b / CH 1 / 2500MHz~26500MHz (down 30dBc)



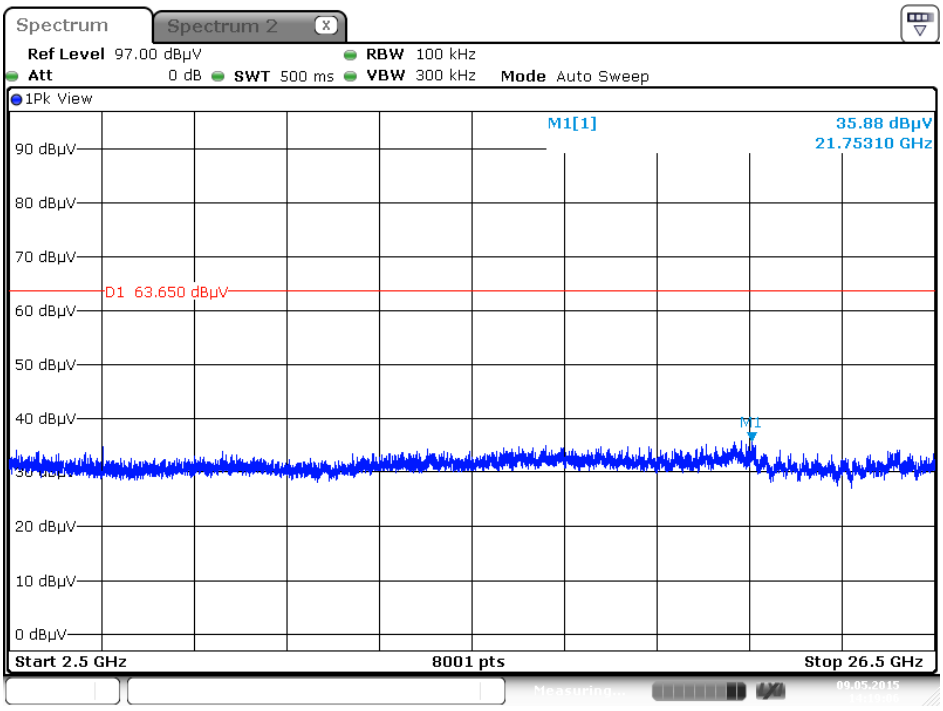
Date: 9.MAY.2015 13:43:04

Plot on Configuration IEEE 802.11b / CH 11 / 30MHz~2400MHz (down 30dBc)



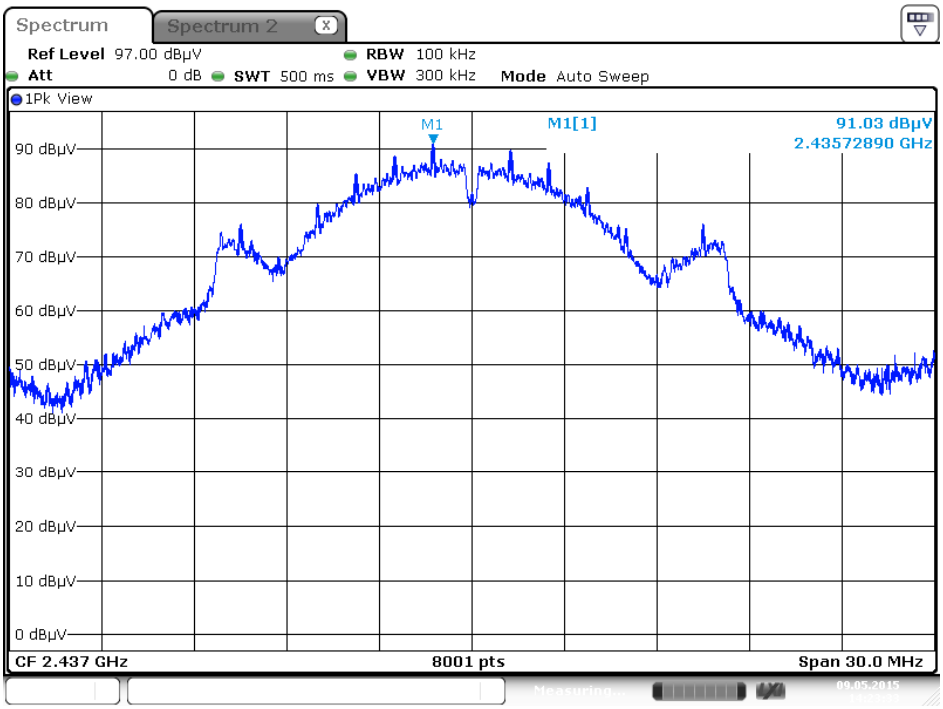
Date: 9.MAY.2015 14:17:42

Plot on Configuration IEEE 802.11b / CH 11 / 2500MHz~26500MHz (down 30dBc)



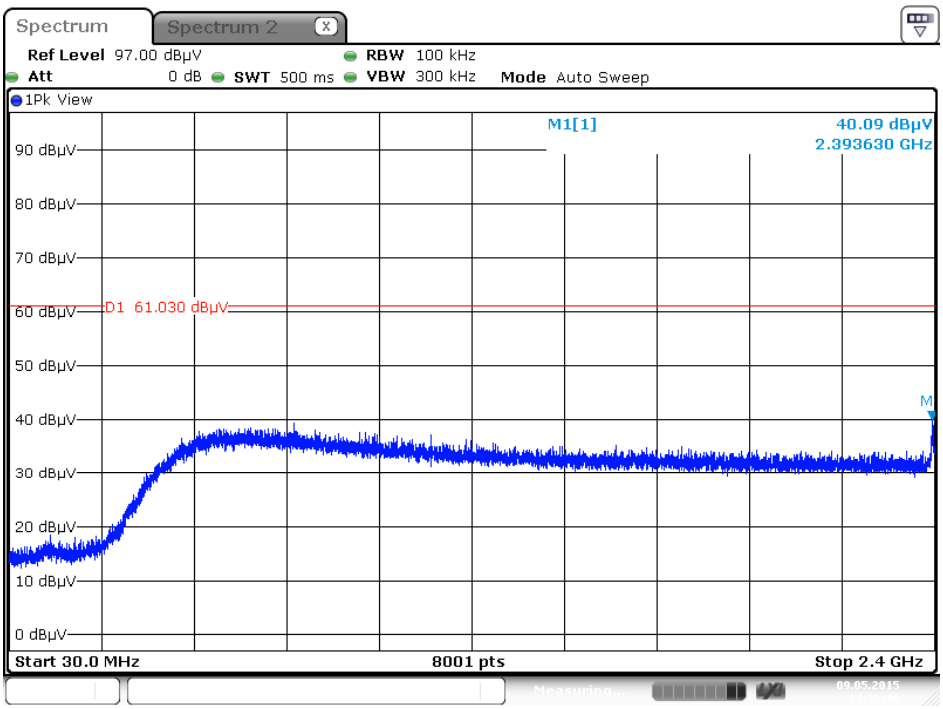
Date: 9.MAY.2015 14:19:06

Plot on Configuration IEEE 802.11g / Reference Level



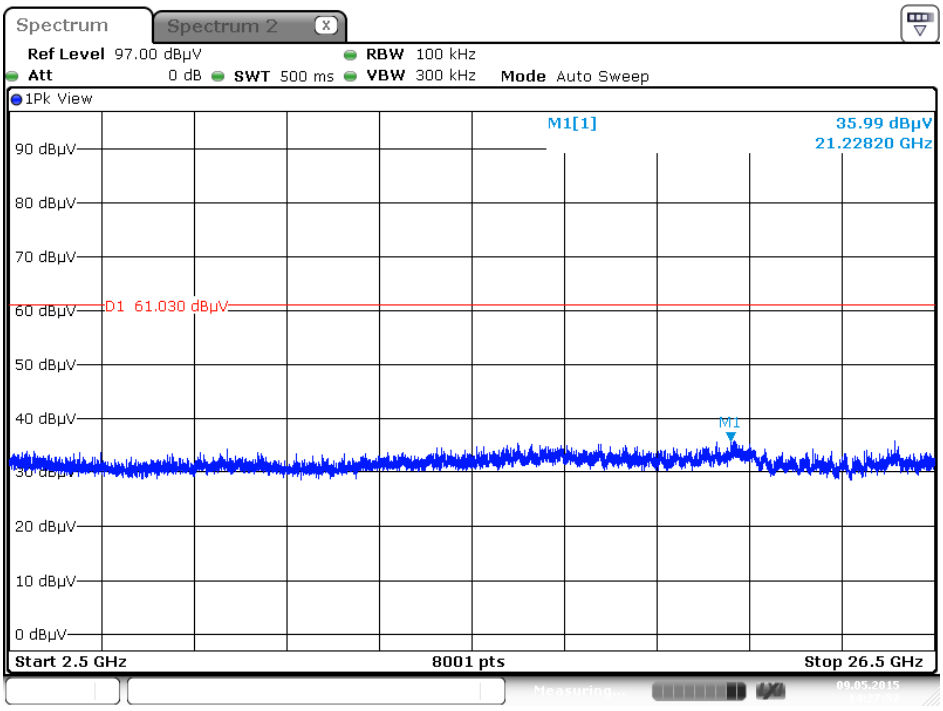
Date: 9.MAY.2015 14:23:33

Plot on Configuration IEEE 802.11g / CH 1 / 30MHz~2400MHz (down 30dBc)



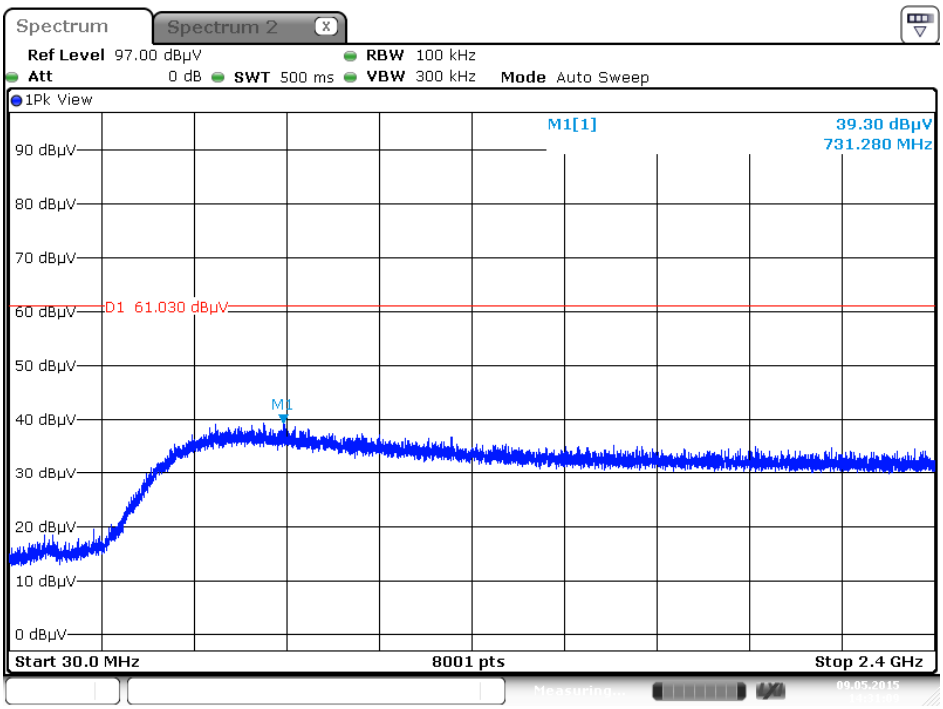
Date: 9.MAY.2015 14:26:47

Plot on Configuration IEEE 802.11g / CH 1 / 2500MHz~26500MHz (down 30dBc)



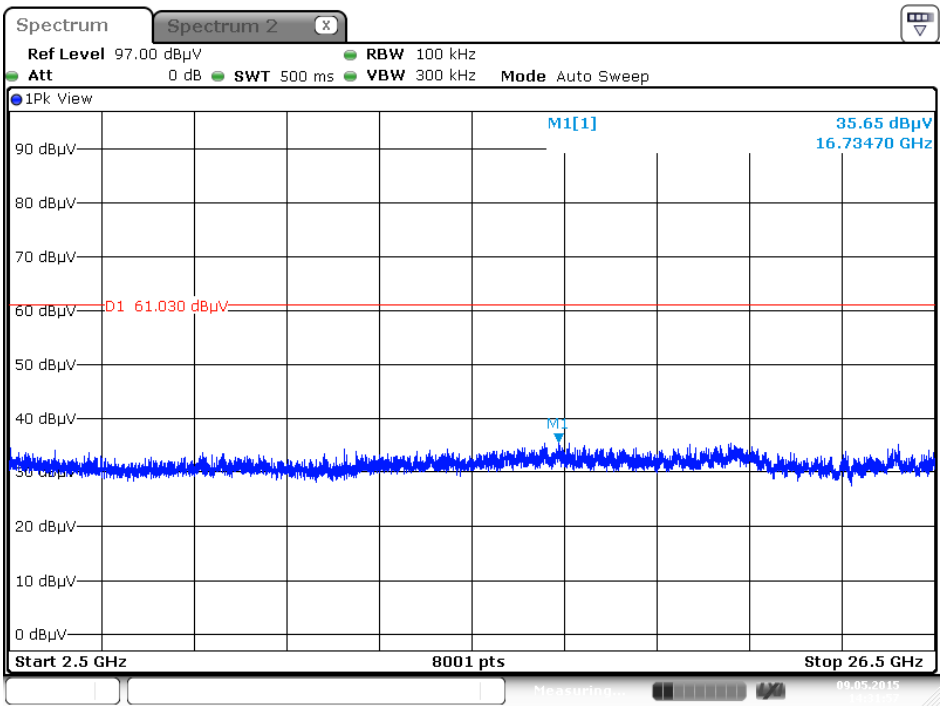
Date: 9.MAY.2015 14:27:52

Plot on Configuration IEEE 802.11g / CH 11 / 30MHz~2400MHz (down 30dBc)



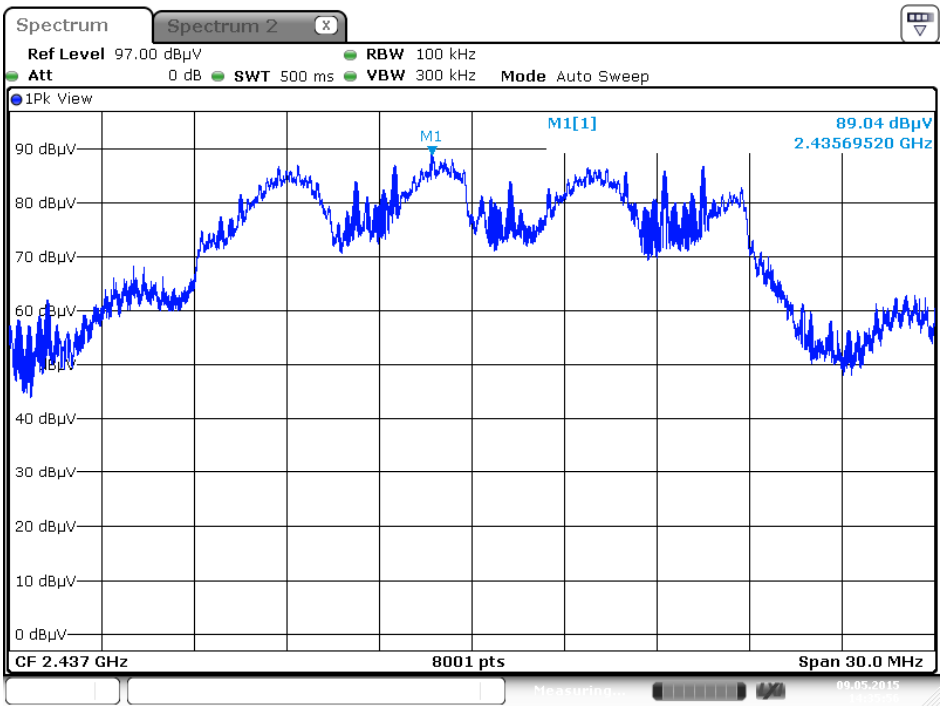
Date: 9.MAY.2015 14:31:09

Plot on Configuration IEEE 802.11g / CH 11 / 2500MHz~26500MHz (down 30dBc)



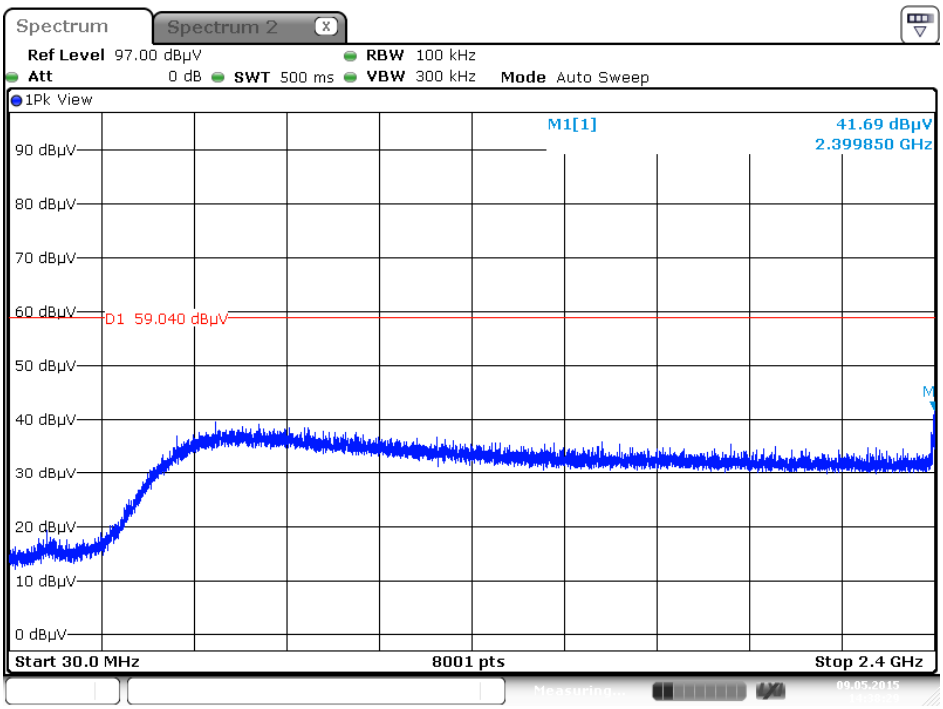
Date: 9.MAY.2015 14:31:56

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



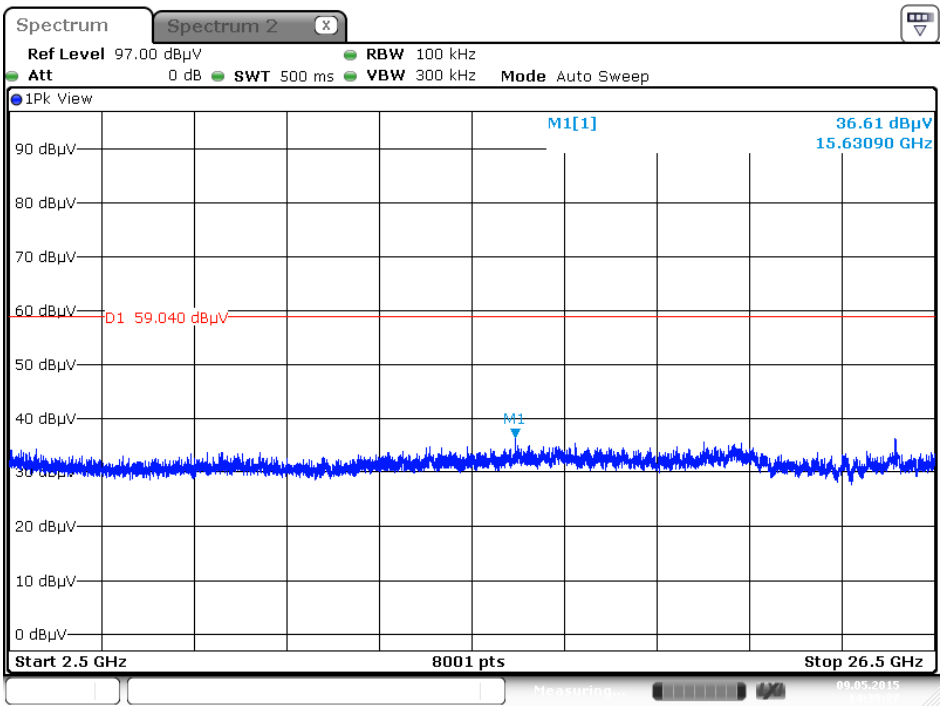
Date: 9.MAY.2015 14:35:56

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



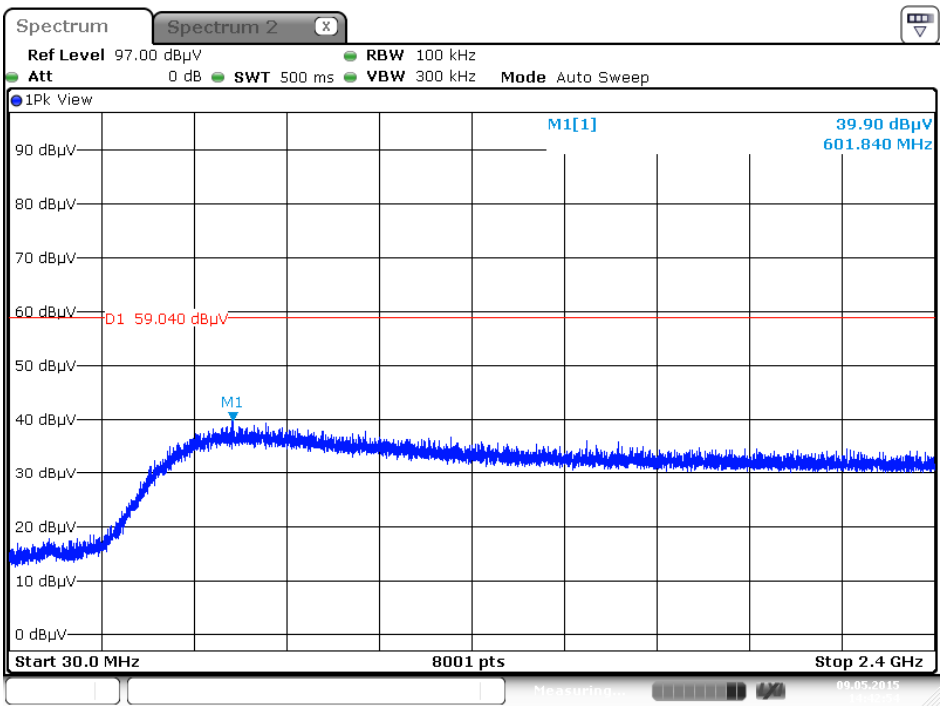
Date: 9.MAY.2015 14:38:30

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 2500MHz~26500MHz (down 30dBc)



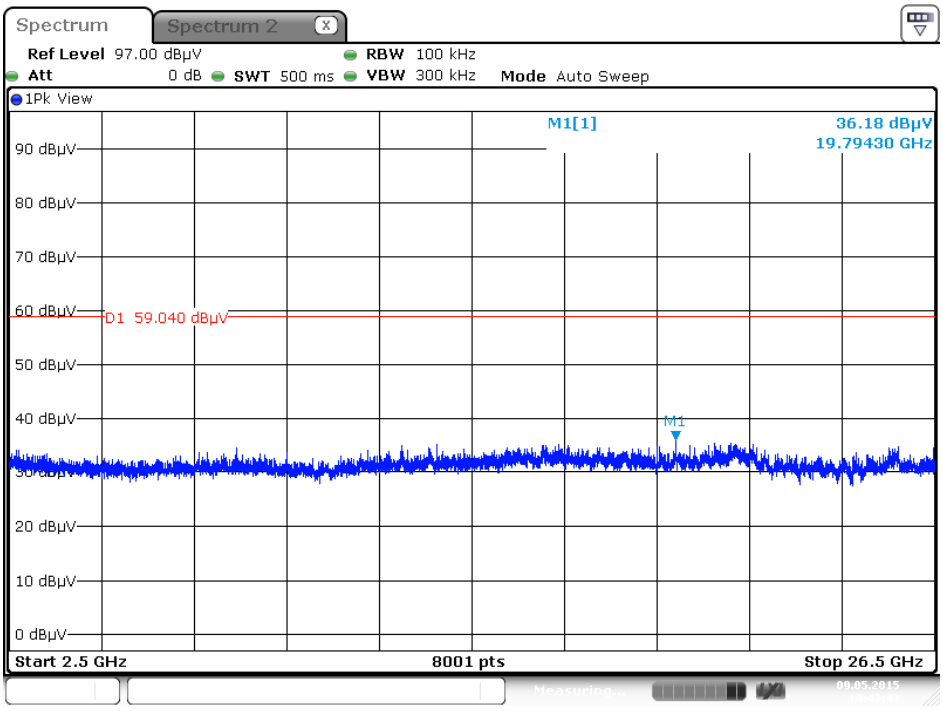
Date: 9.MAY.2015 14:39:27

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



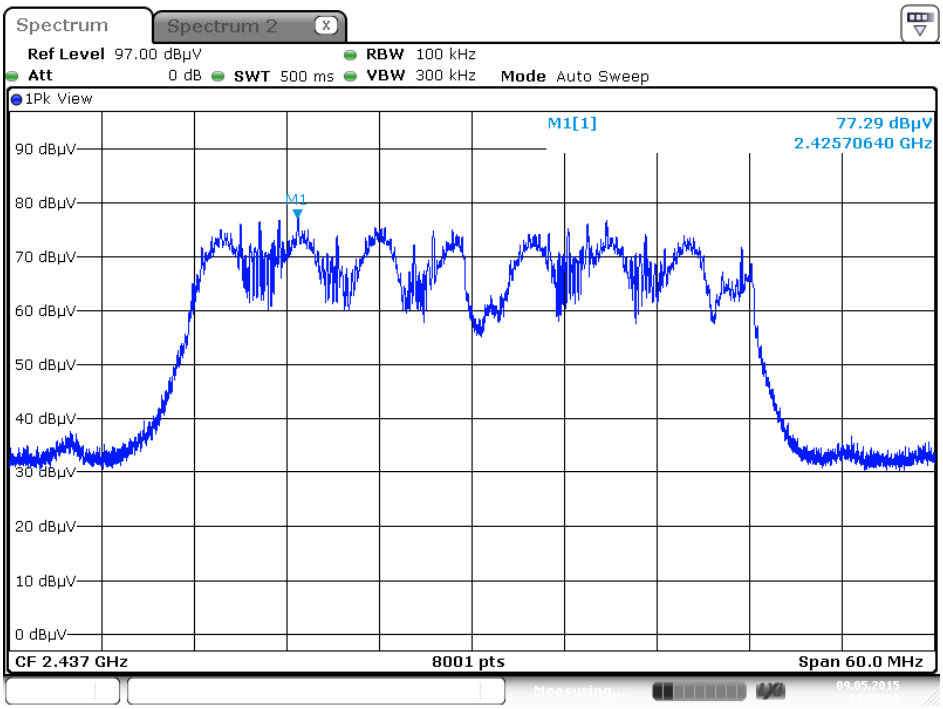
Date: 9.MAY.2015 14:42:54

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 2500MHz~26500MHz (down 30dBc)



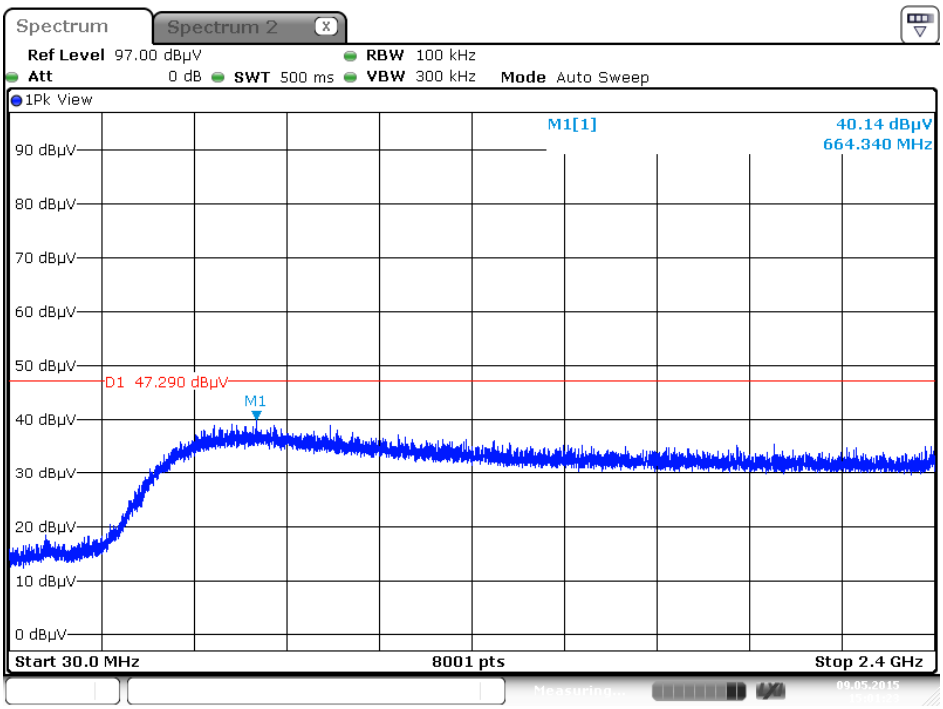
Date: 9.MAY.2015 14:43:43

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



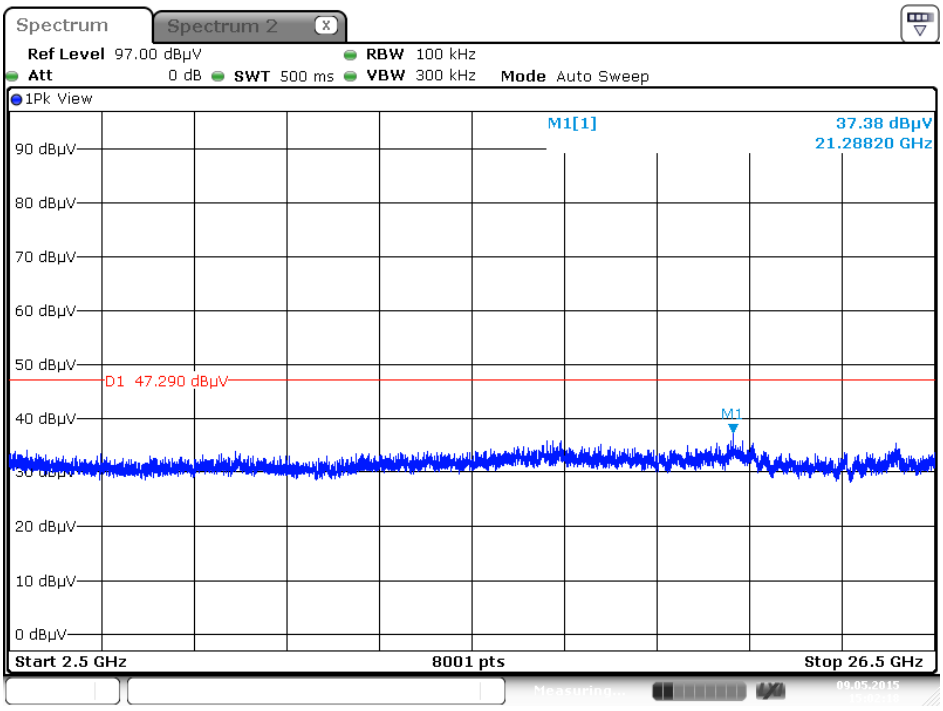
Date: 9.MAY.2015 14:58:09

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 30MHz~2400MHz (down 30dBc)



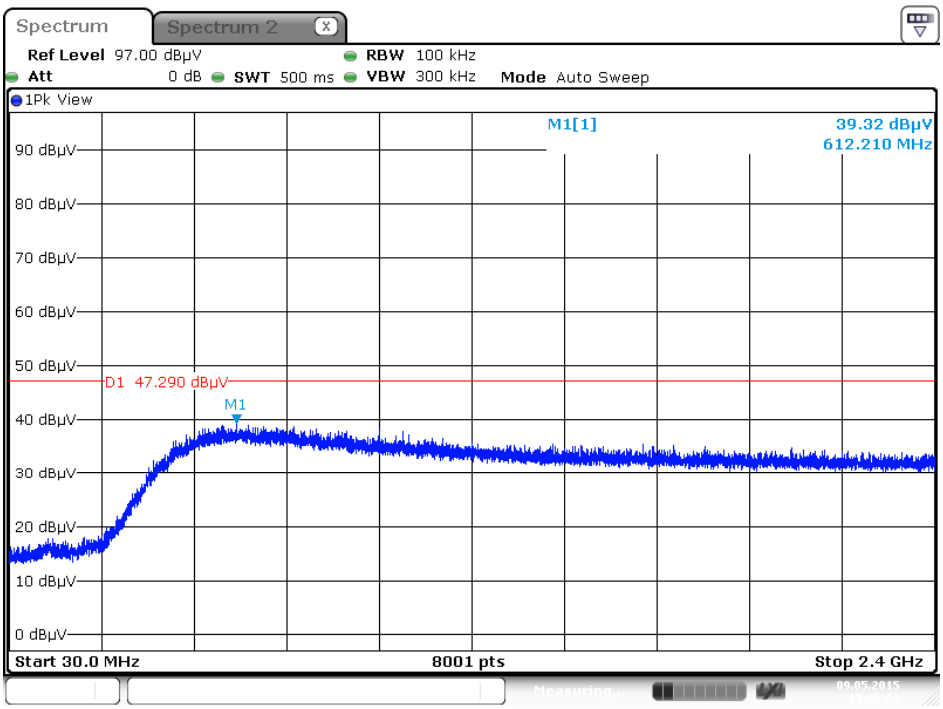
Date: 9.MAY.2015 15:01:23

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 2500MHz~26500MHz (down 30dBc)



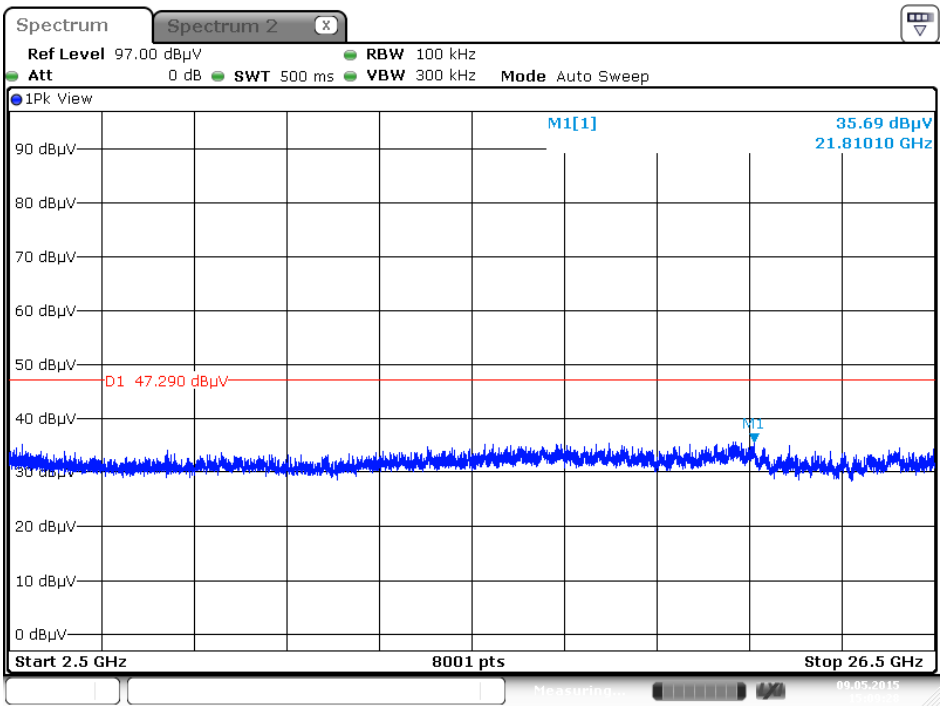
Date: 9.MAY.2015 15:02:17

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 30MHz~2400MHz (down 30dBc)



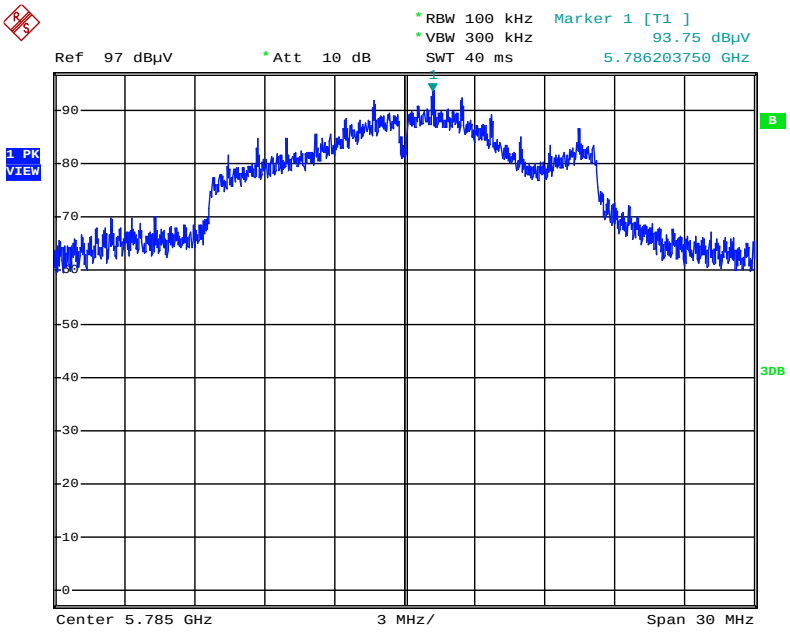
Date: 9.MAY.2015 15:06:03

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 2500MHz~26500MHz (down 30dBc)



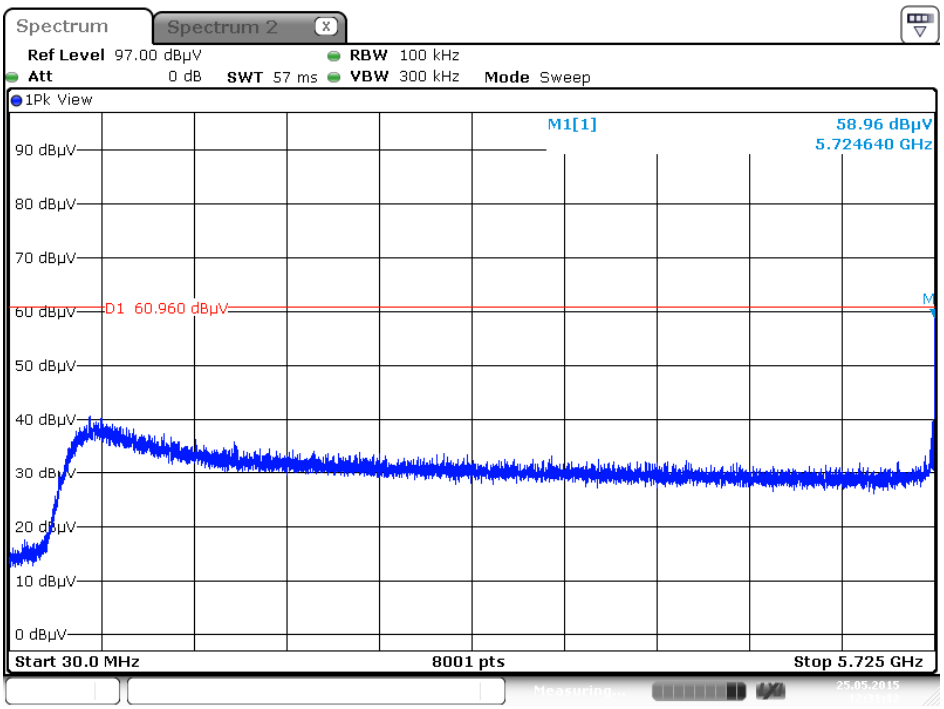
Date: 9.MAY.2015 15:09:27

Plot on Configuration IEEE 802.11a / Reference Level



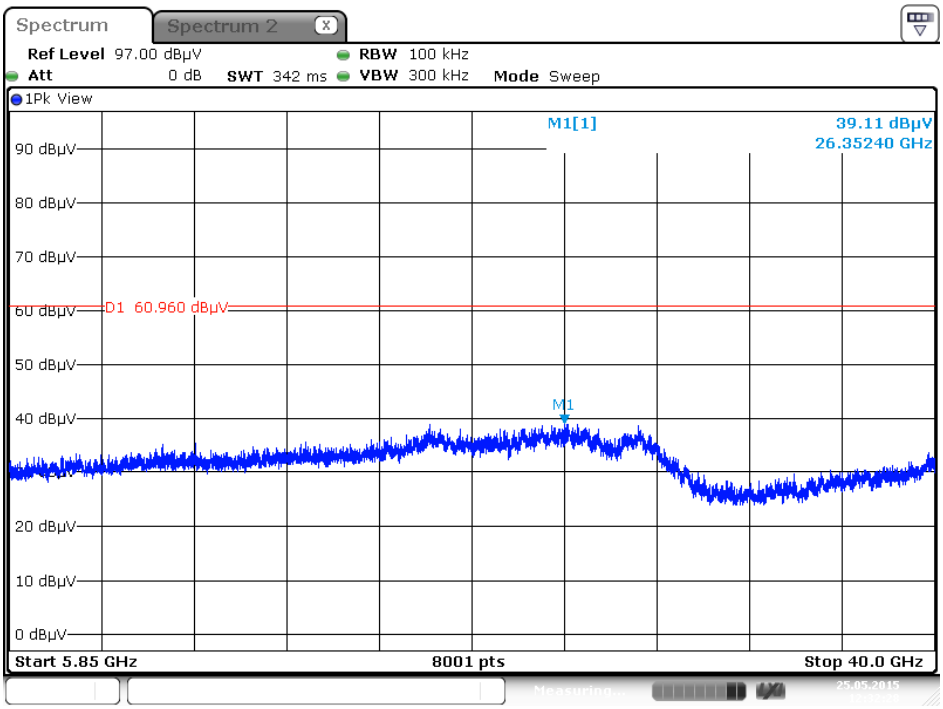
Date: 7.MAY.2015 13:23:57

Plot on Configuration IEEE 802.11a / CH 149 / 30MHz~5725MHz (down 30dBc)



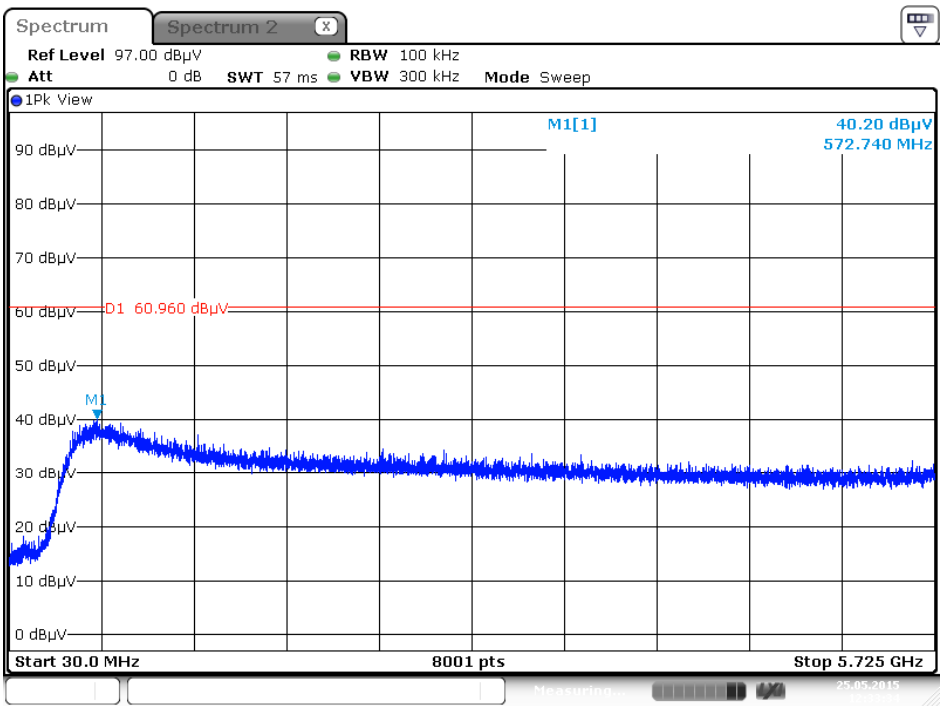
Date: 25.MAY.2015 12:31:12

Plot on Configuration IEEE 802.11a / CH 149 / 5850MHz~40000MHz (down 30dBc)



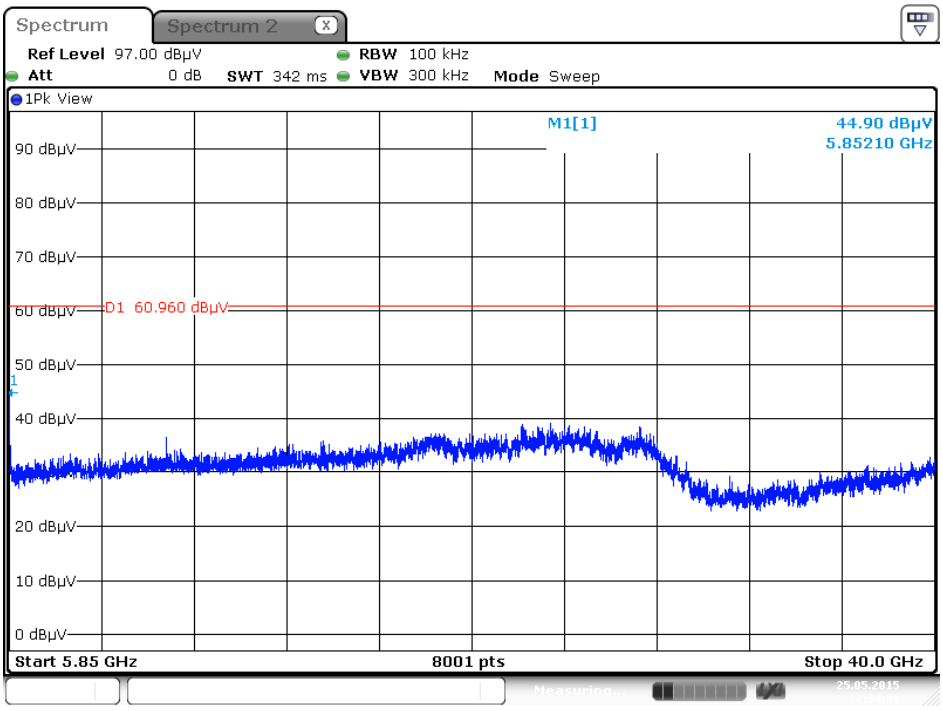
Date: 25.MAY.2015 12:32:28

Plot on Configuration IEEE 802.11a / CH 165 / 30MHz~5725MHz (down 30dBc)



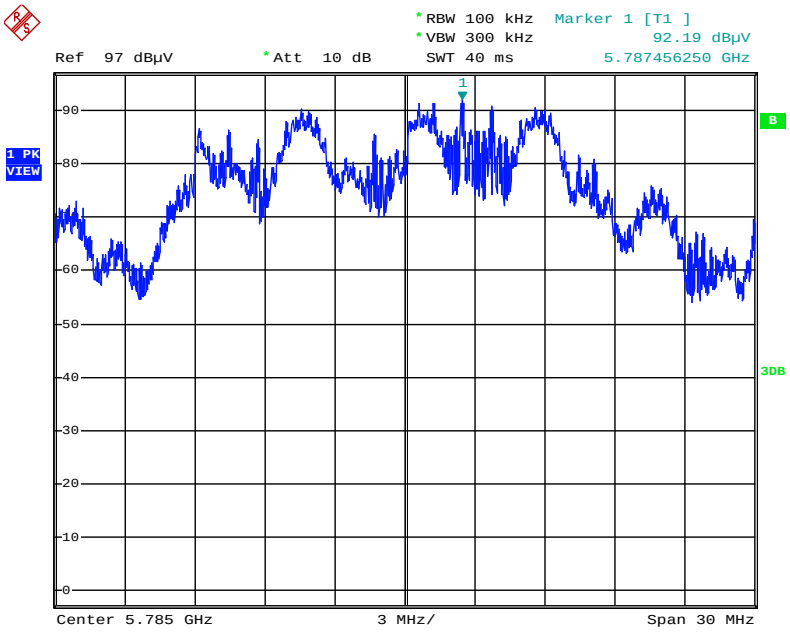
Date: 25.MAY.2015 12:33:34

Plot on Configuration IEEE 802.11a / CH 165 / 5850MHz~40000MHz (down 30dBc)



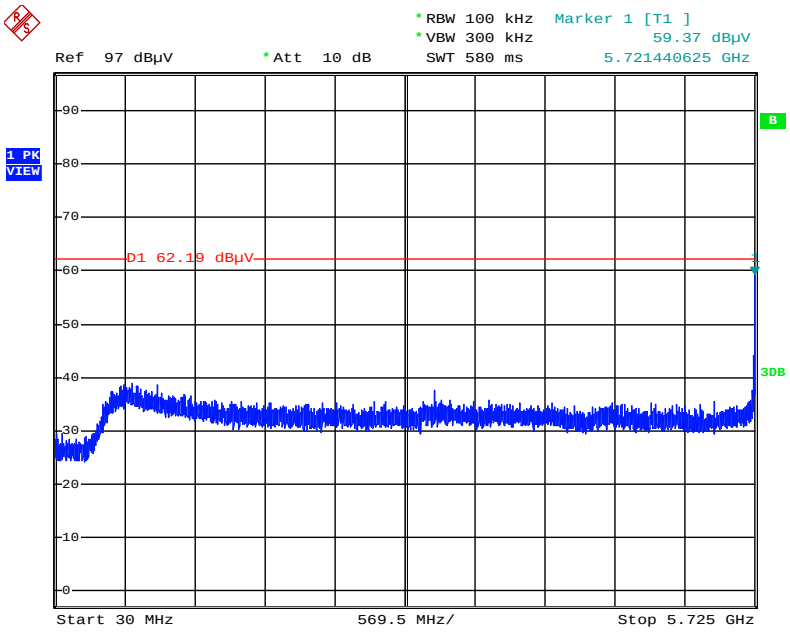
Date: 25.MAY.2015 12:34:06

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



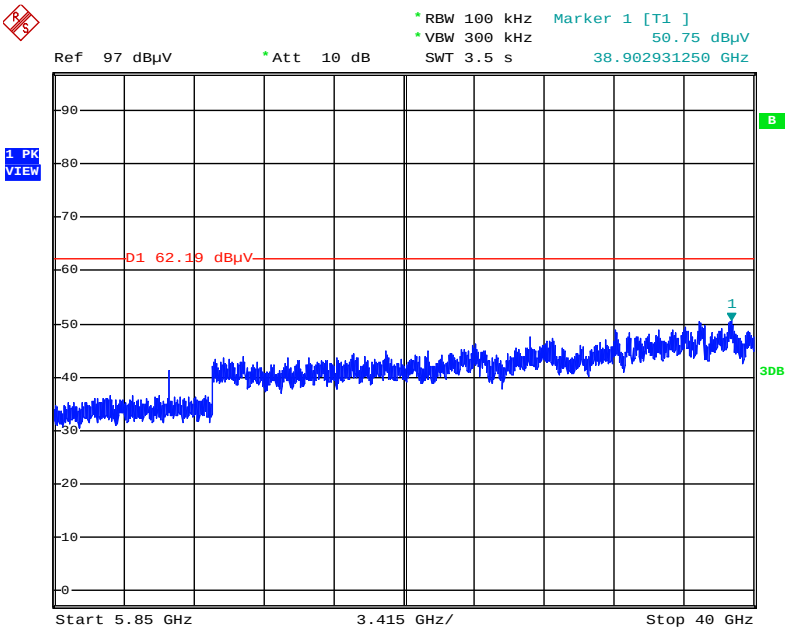
Date: 7.MAY.2015 12:54:35

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 30MHz~5725MHz (down 30dBc)



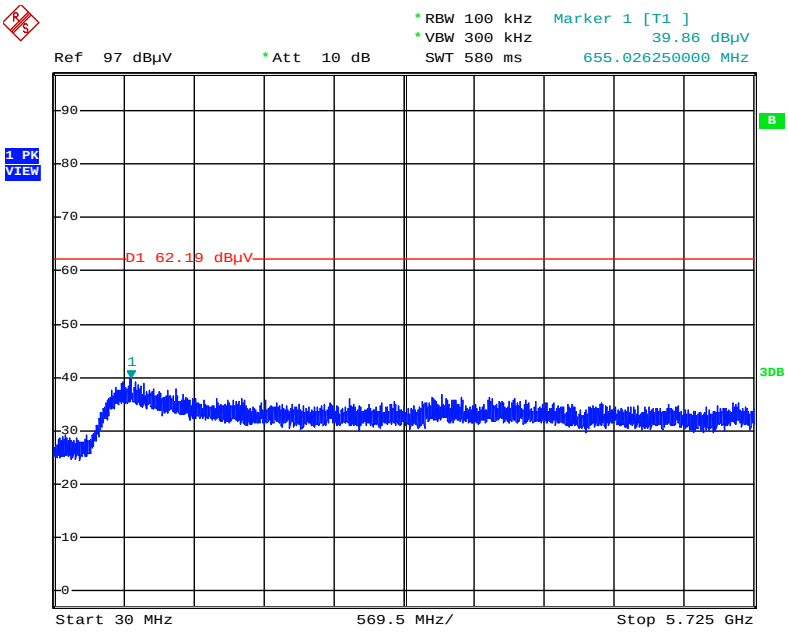
Date: 7.MAY.2015 13:00:09

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 5850MHz~40000MHz (down 30dBc)



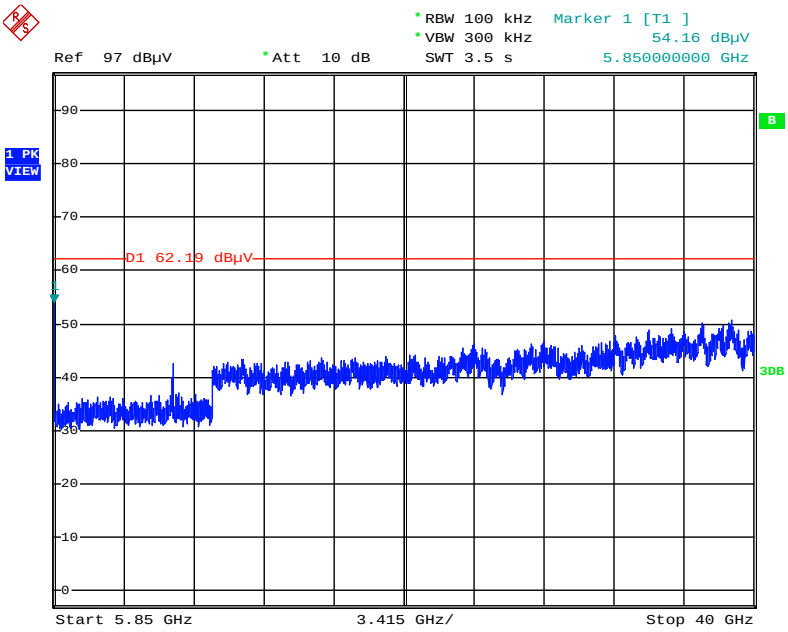
Date: 7.MAY.2015 13:00:56

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 30MHz~5725MHz (down 30dBc)



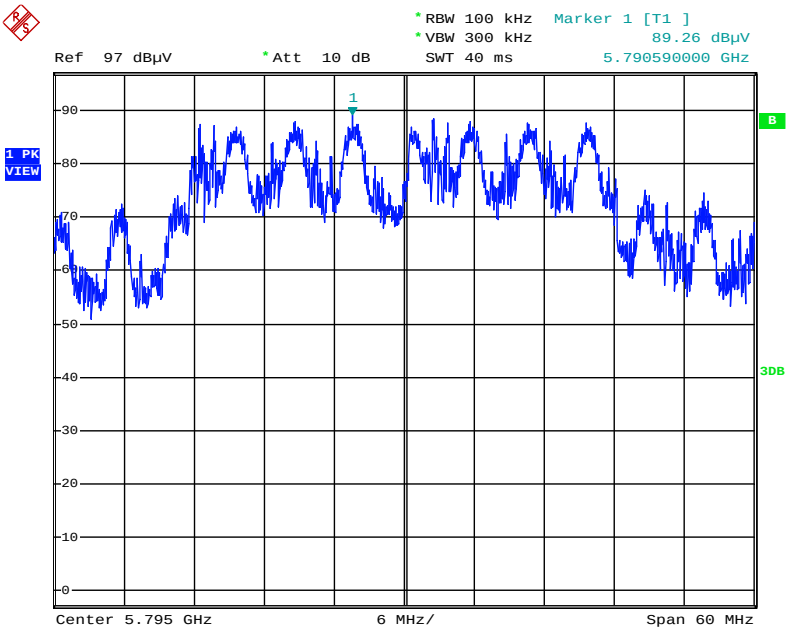
Date: 7.MAY.2015 12:57:49

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 5850MHz~40000MHz (down 30dBc)



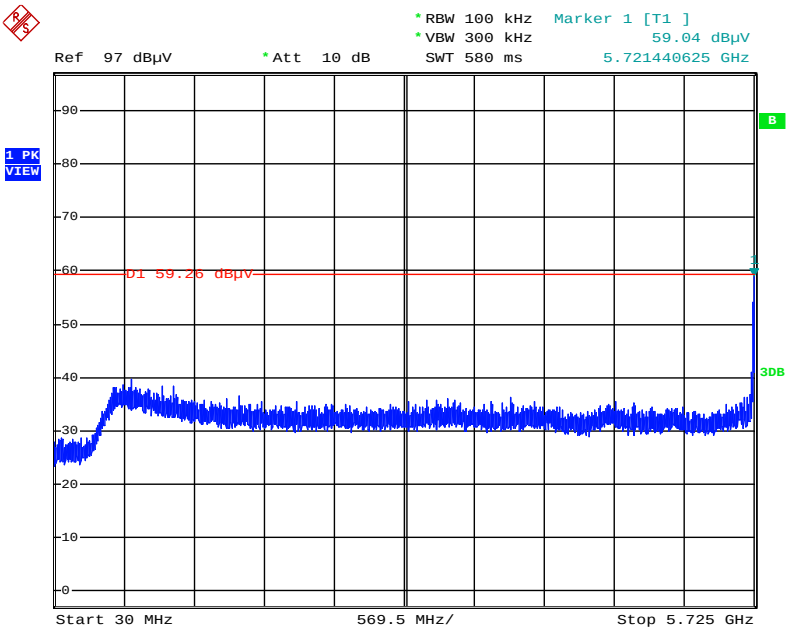
Date: 7.MAY.2015 12:58:30

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



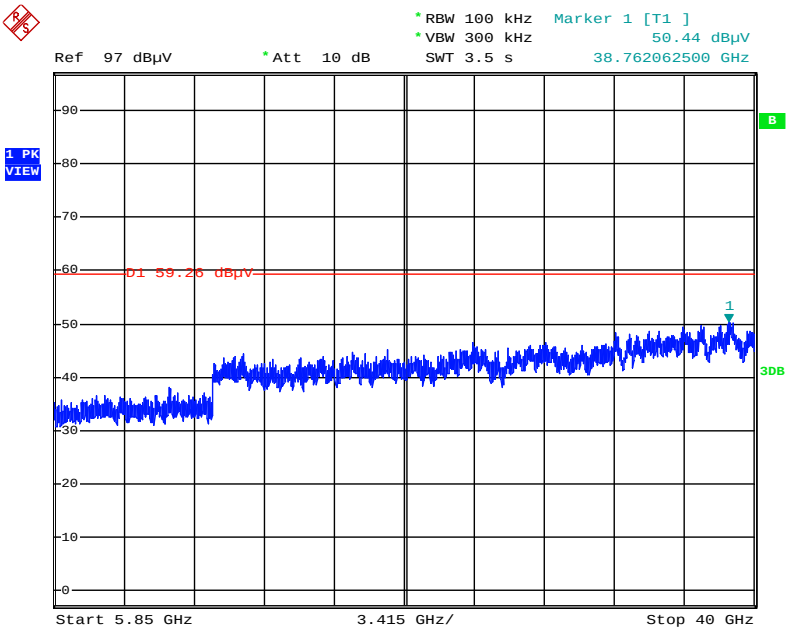
Date: 7.MAY.2015 12:37:10

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 30MHz~5725MHz (down 30dBc)



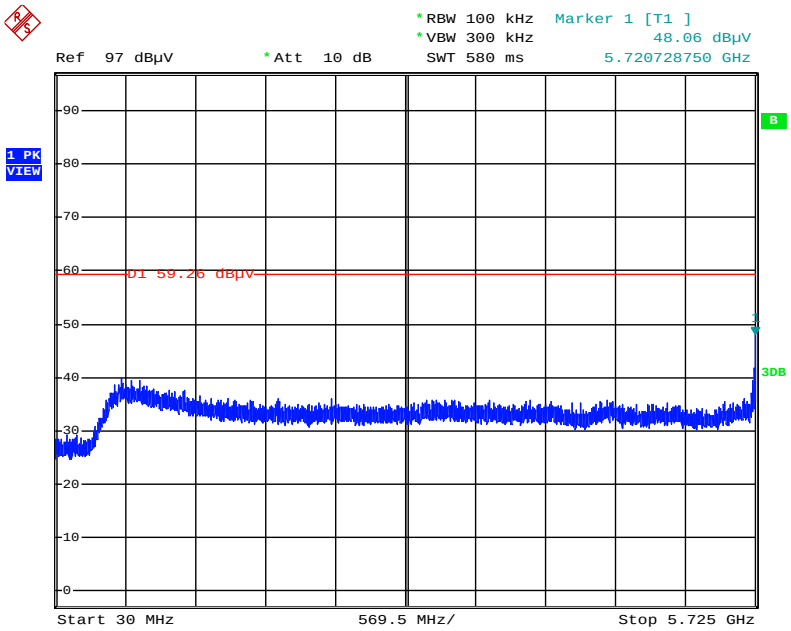
Date: 7.MAY.2015 12:47:53

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 5850MHz~40000MHz (down 30dBc)



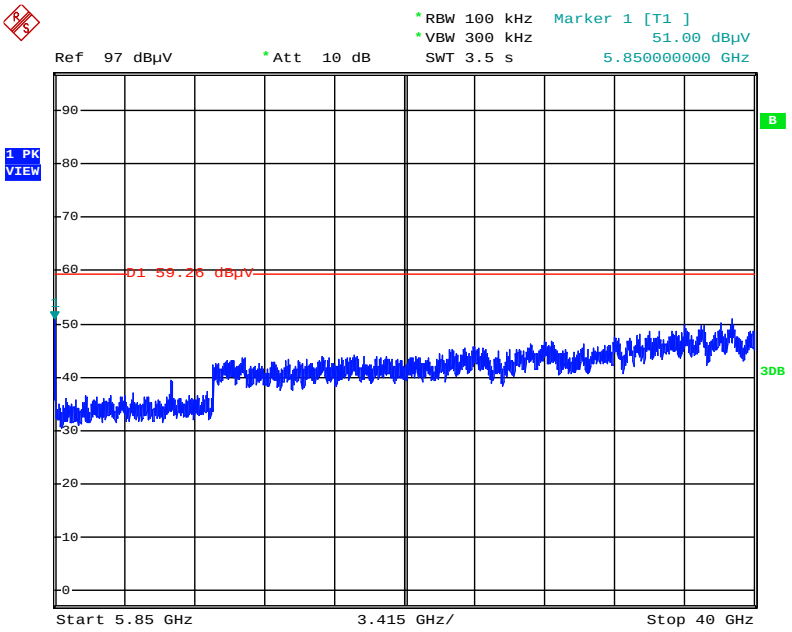
Date: 7.MAY.2015 12:48:48

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 30MHz~5725MHz (down 30dBc)



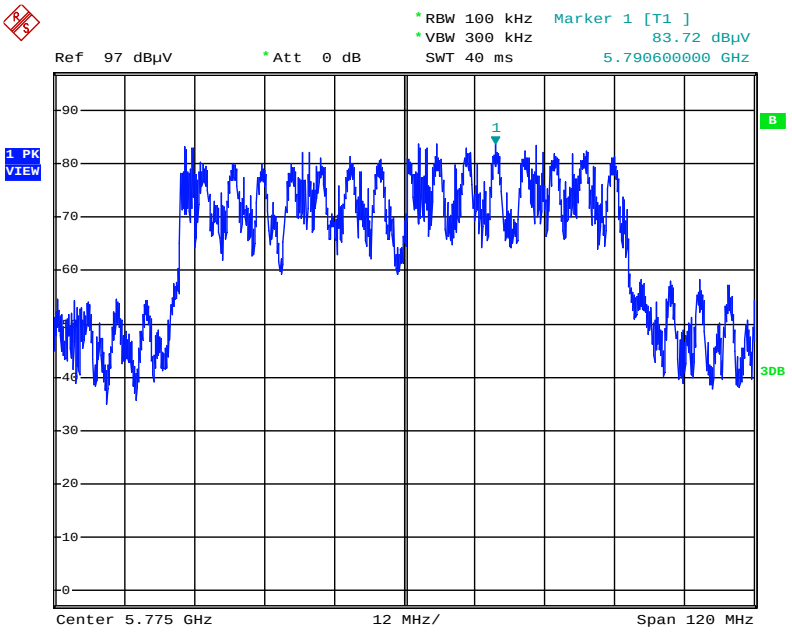
Date: 7.MAY.2015 12:38:24

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 5850MHz~40000MHz (down 30dBc)



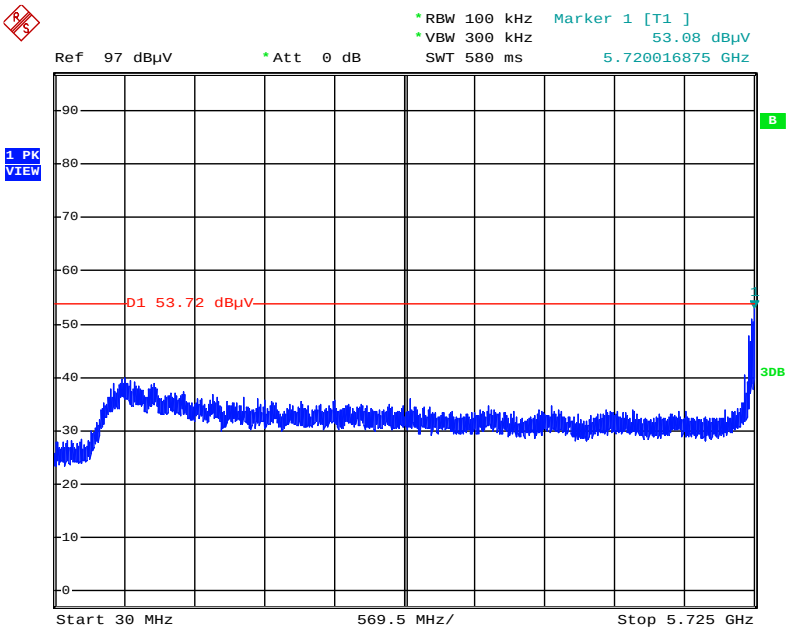
Date: 7.MAY.2015 12:39:19

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Reference Level



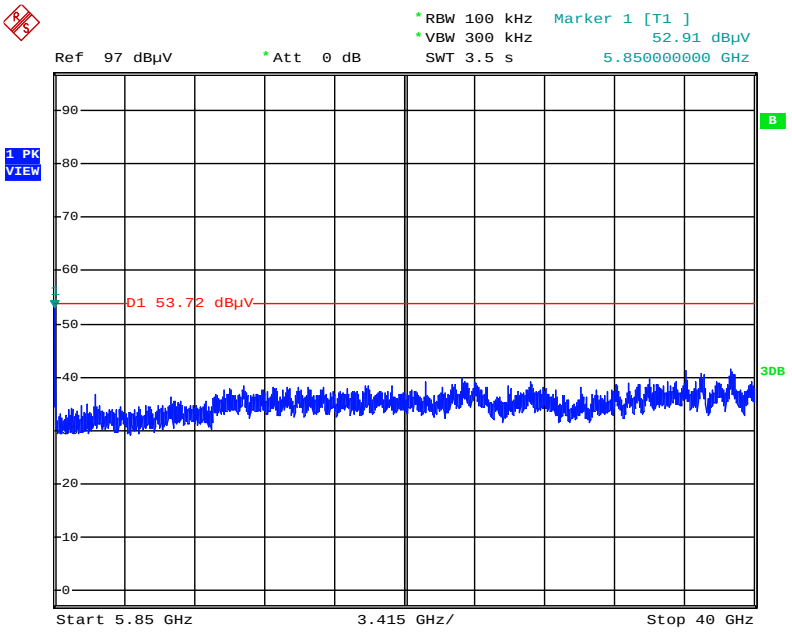
Date: 7.MAY.2015 12:06:14

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 30MHz~5725MHz (down 30dBc)



Date: 7.MAY.2015 12:08:36

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 5850MHz~40000MHz (down 30dBc)

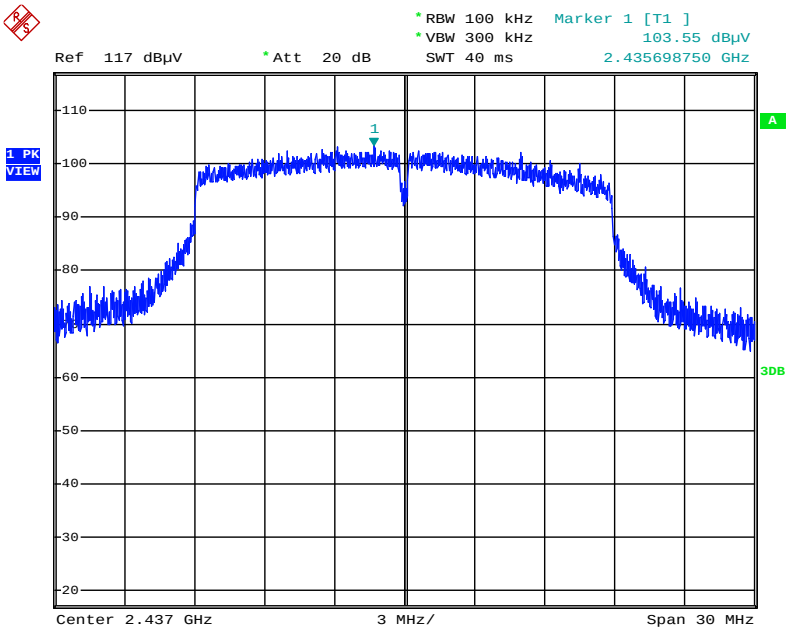


Date: 7.MAY.2015 12:12:56

EUT: Version 2

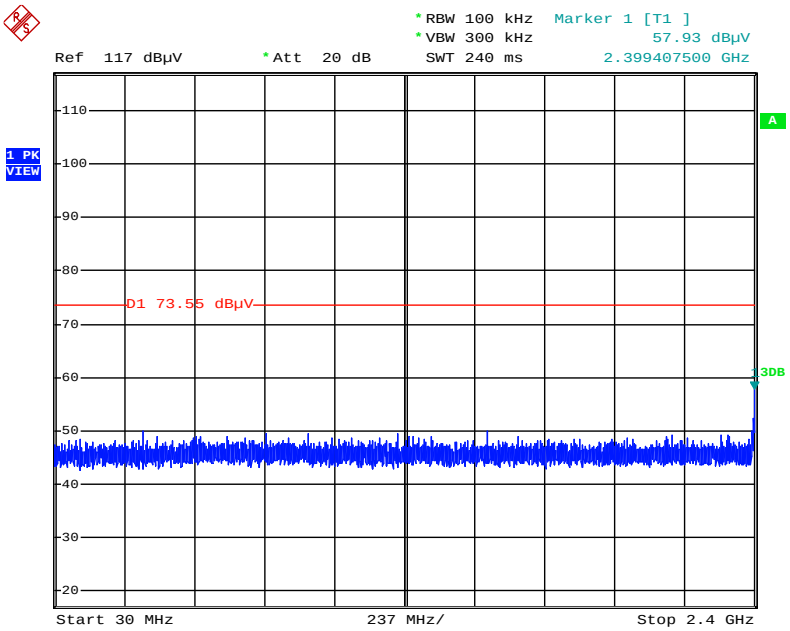
For beamforming function:

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



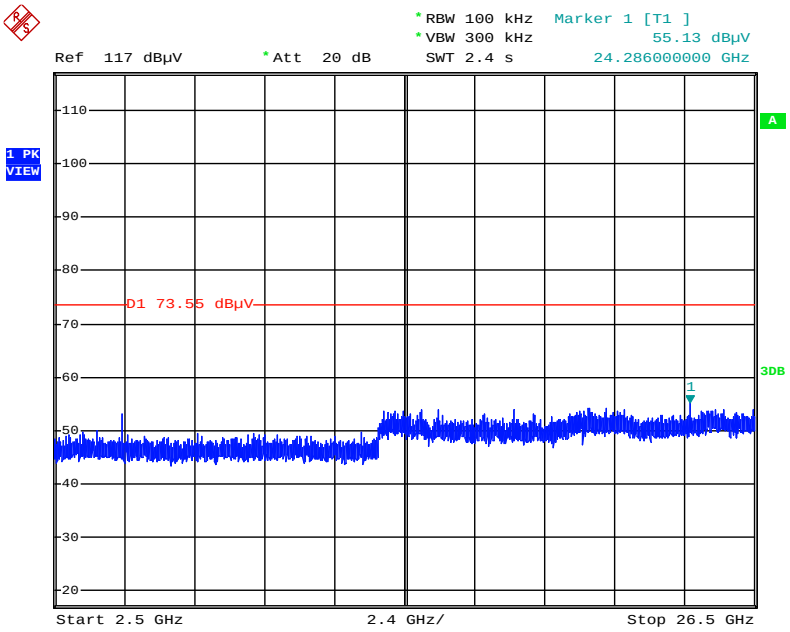
Date: 16.MAY.2015 18:45:16

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



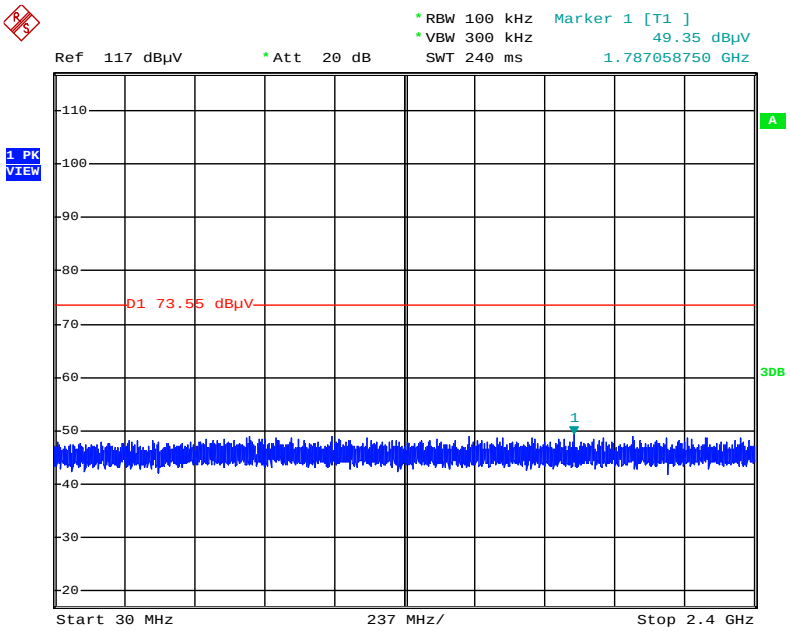
Date: 16.MAY.2015 18:47:06

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 1 / 2500MHz~26500MHz (down 30dBc)



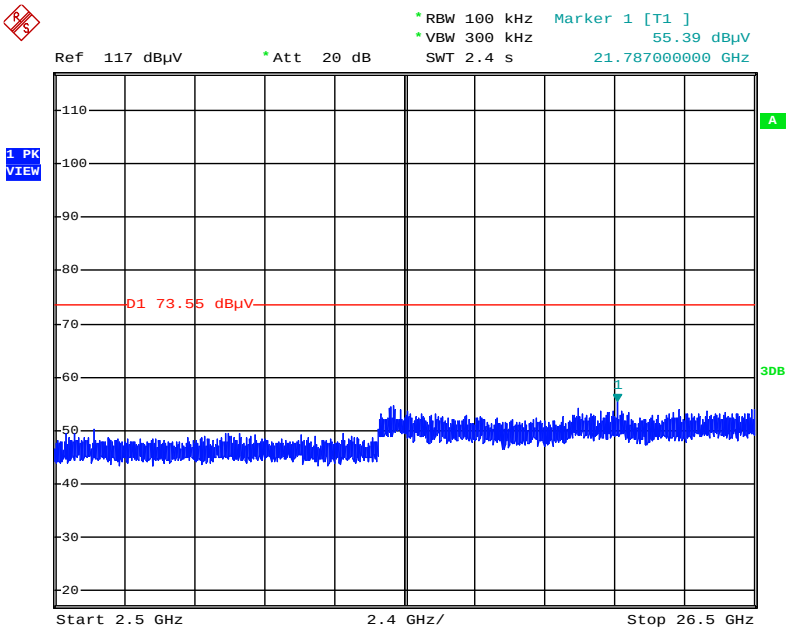
Date: 16.MAY.2015 18:47:44

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



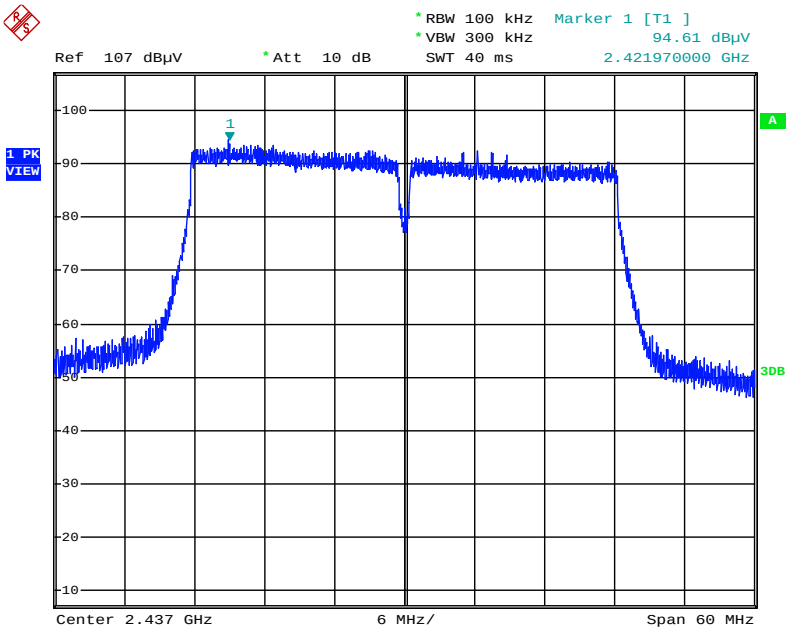
Date: 16.MAY.2015 18:49:15

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 11 / 2500MHz~26500MHz (down 30dBc)



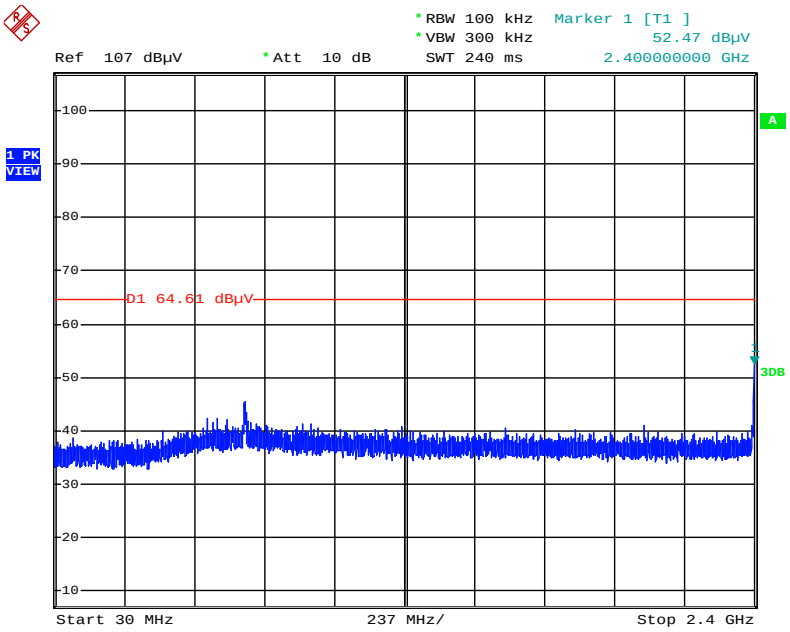
Date: 16.MAY.2015 20:01:33

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



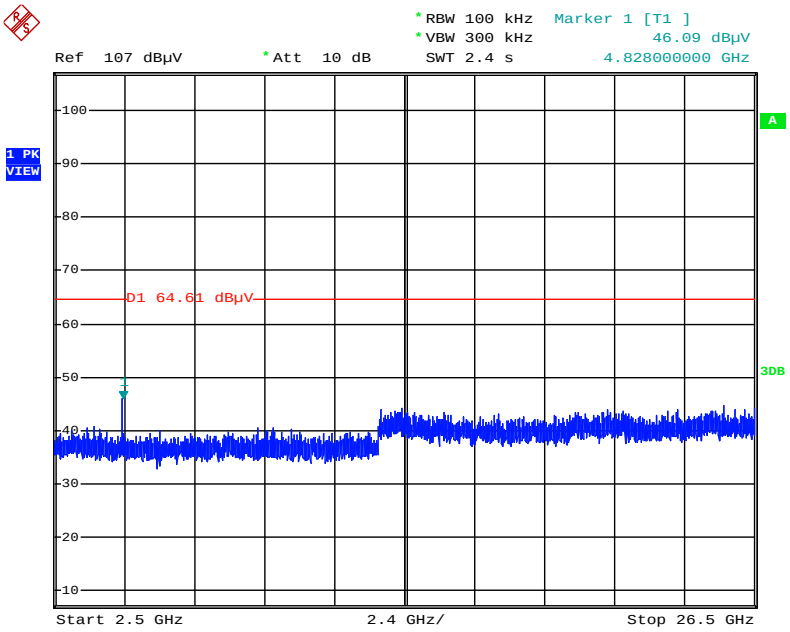
Date: 16.MAY.2015 19:48:40

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 30MHz~2400MHz (down 30dBc)



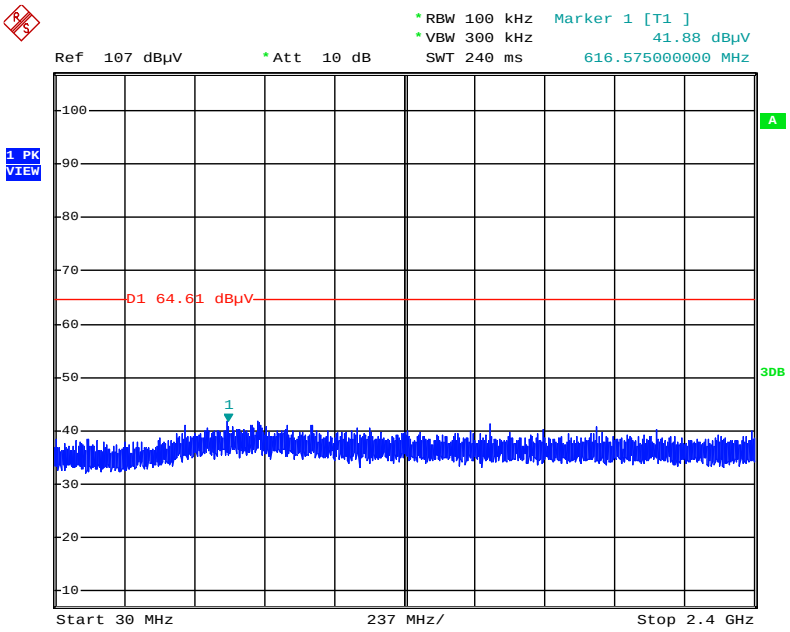
Date: 16.MAY.2015 19:53:47

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 3 / 2500MHz~26500MHz (down 30dBc)



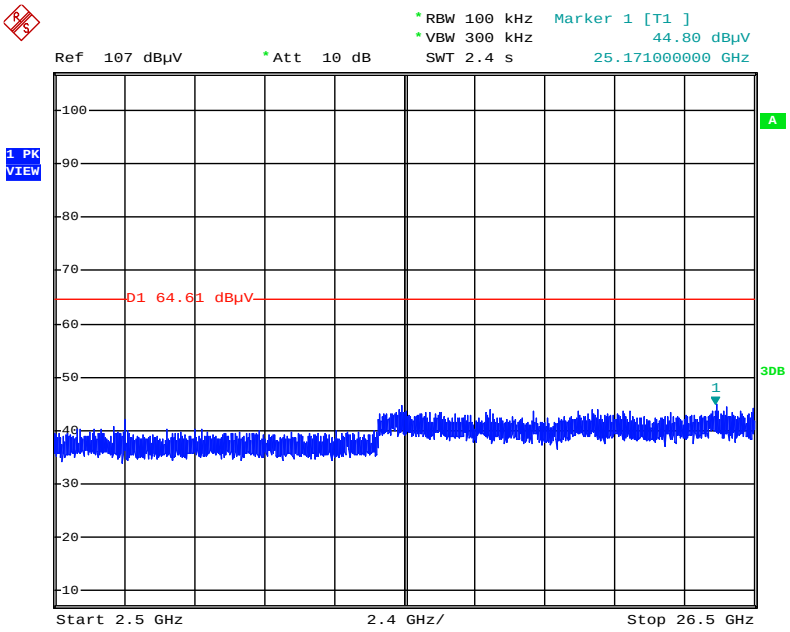
Date: 16.MAY.2015 19:58:57

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 30MHz~2400MHz (down 30dBc)



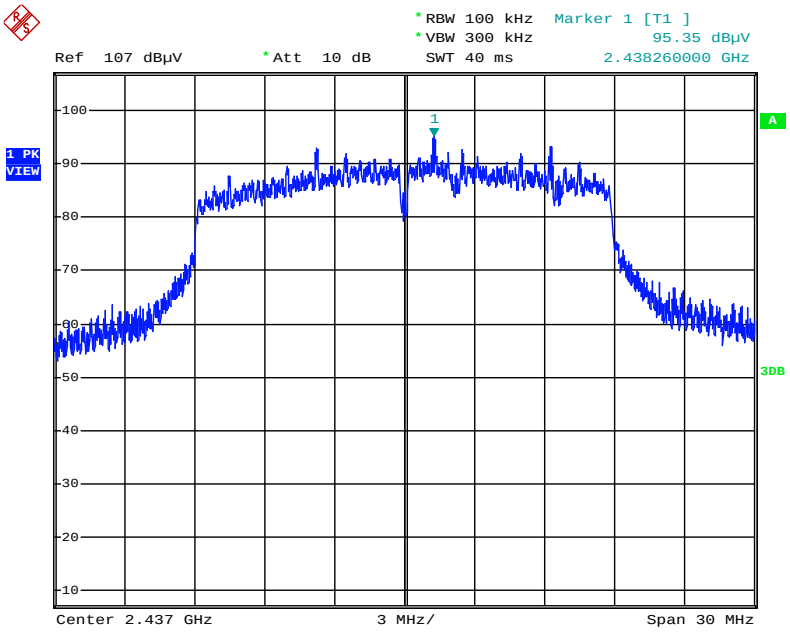
Date: 16.MAY.2015 19:57:39

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 9 / 2500MHz~26500MHz (down 30dBc)



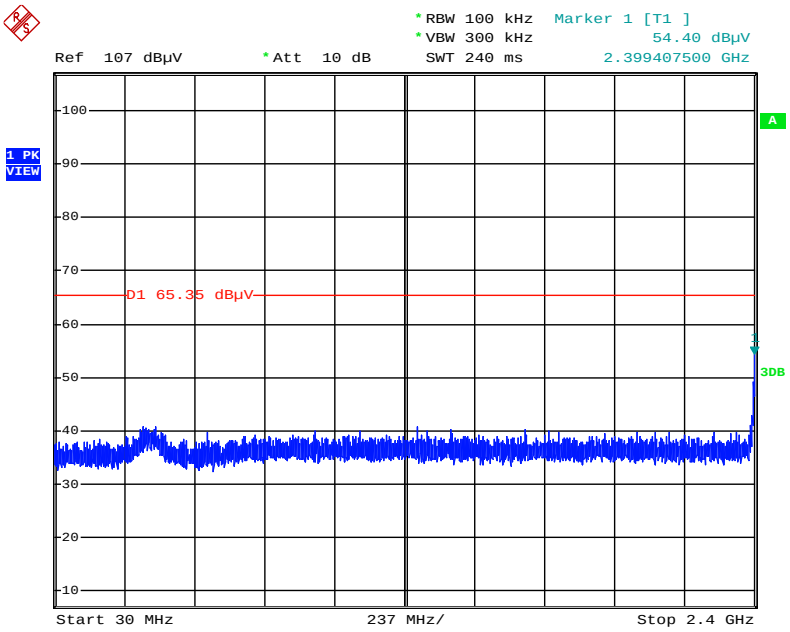
Date: 16.MAY.2015 19:58:26

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Reference Level



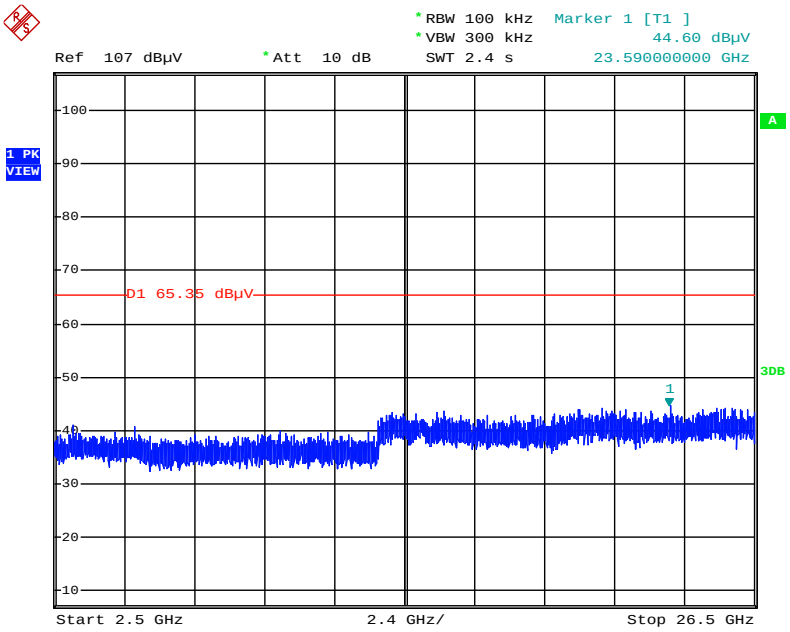
Date: 21.MAY.2015 18:30:32

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 6 / 30MHz~2400MHz (down 30dBc)



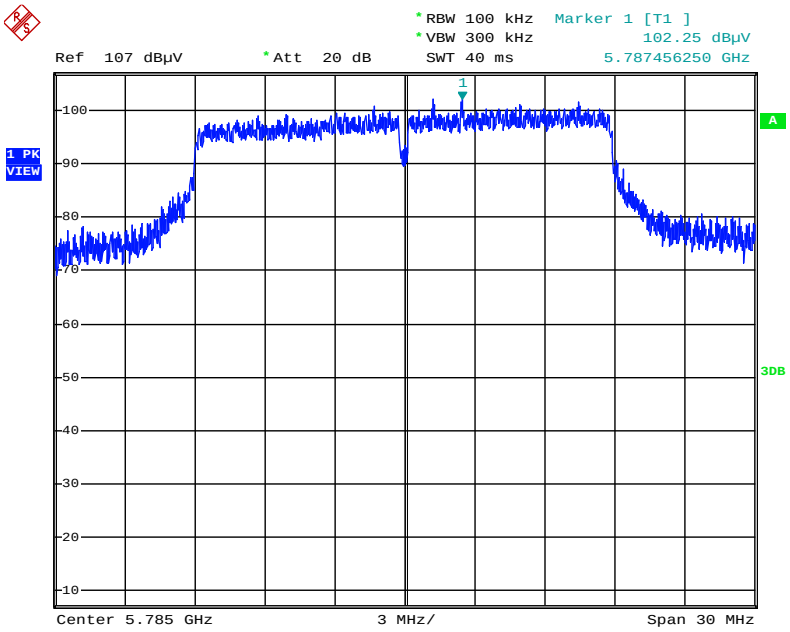
Date: 21.MAY.2015 19:38:30

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 6 / 2500MHz~26500MHz (down 30dBc)



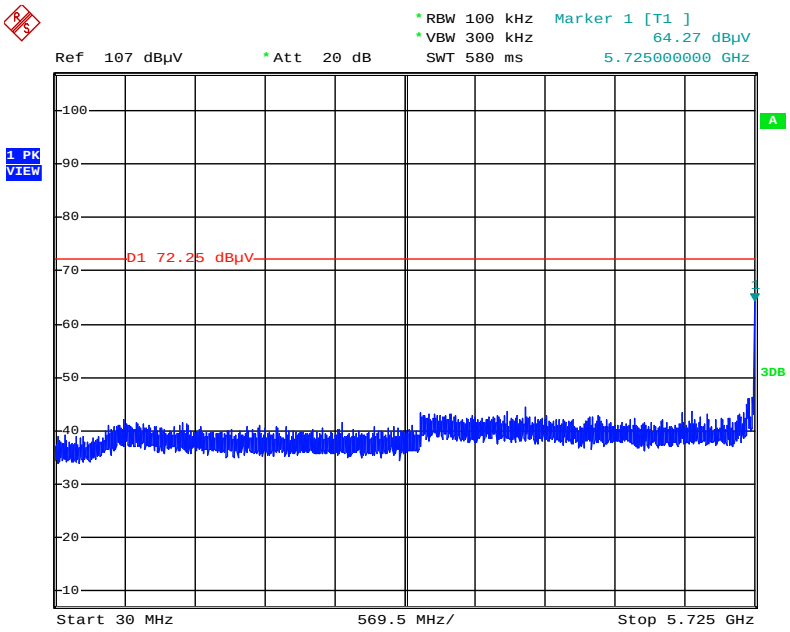
Date: 21.MAY.2015 19:37:37

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / Reference Level



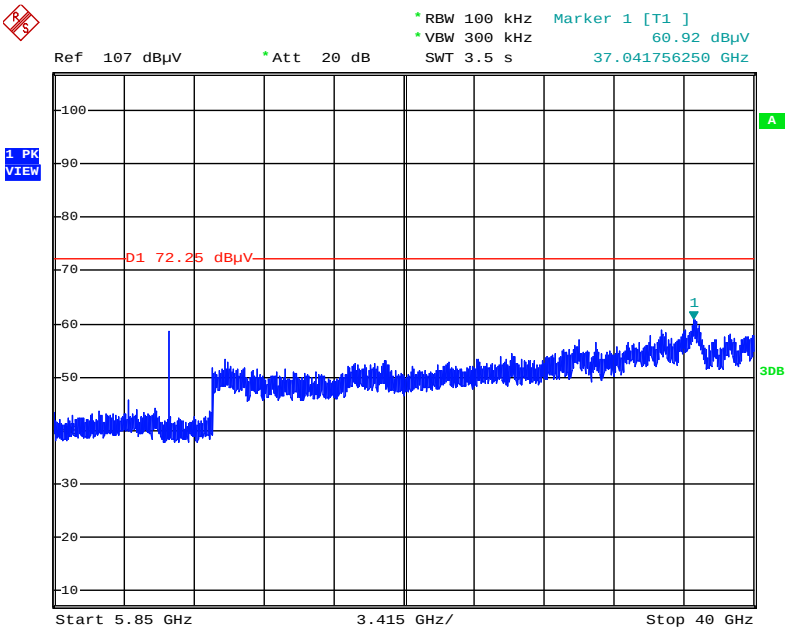
Date: 16.MAY.2015 13:29:30

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 30MHz~5725MHz (down 30dBc)



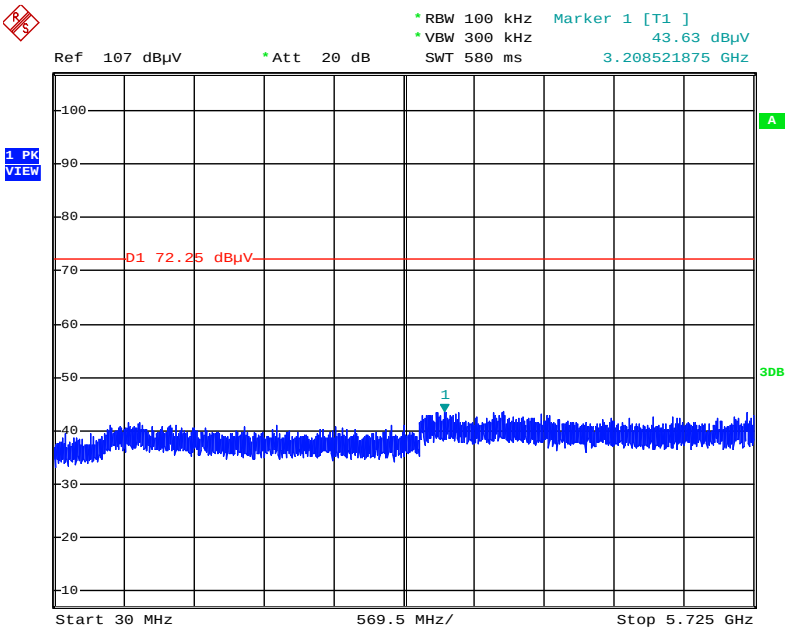
Date: 16.MAY.2015 13:31:17

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 149 / 5850MHz~40000MHz (down 30dBc)



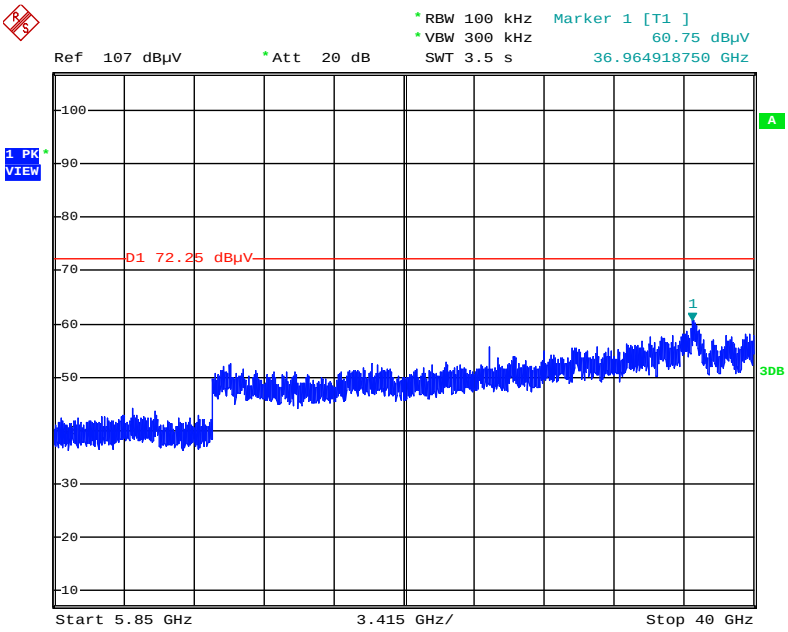
Date: 16.MAY.2015 13:31:55

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 30MHz~5725MHz (down 30dBc)



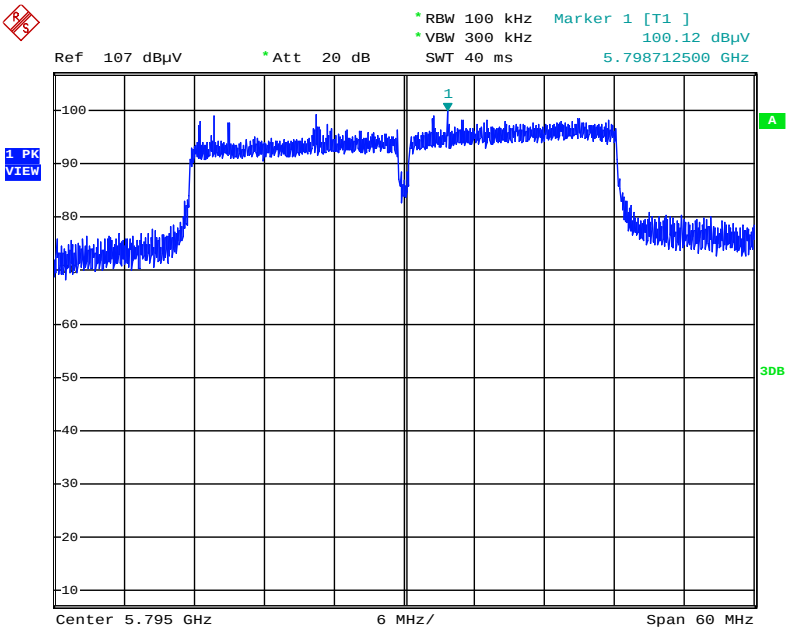
Date: 16.MAY.2015 13:35:35

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT20 / CH 165 / 5850MHz~40000MHz (down 30dBc)



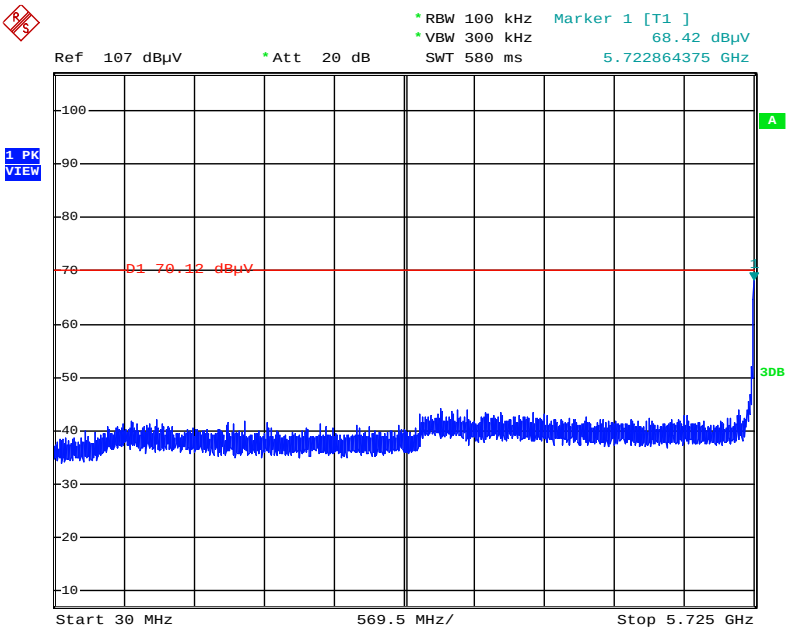
Date: 16.MAY.2015 20:17:01

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / Reference Level



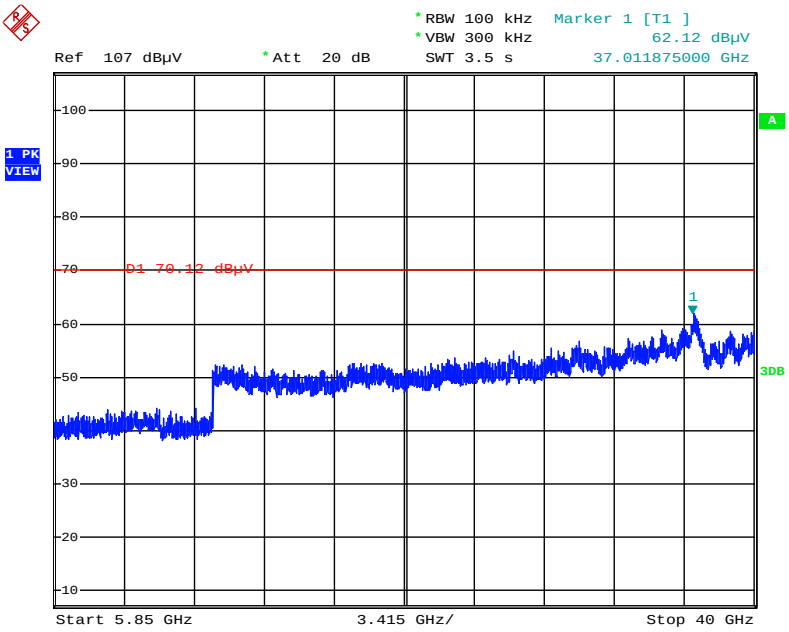
Date: 16.MAY.2015 13:40:41

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 30MHz~5725MHz (down 30dBc)



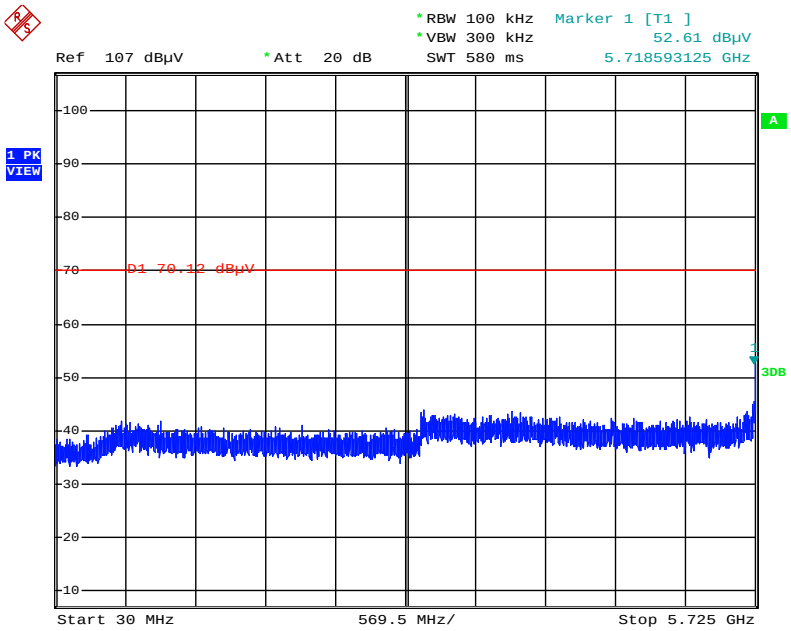
Date: 16.MAY.2015 13:44:47

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 151 / 5850MHz~40000MHz (down 30dBc)



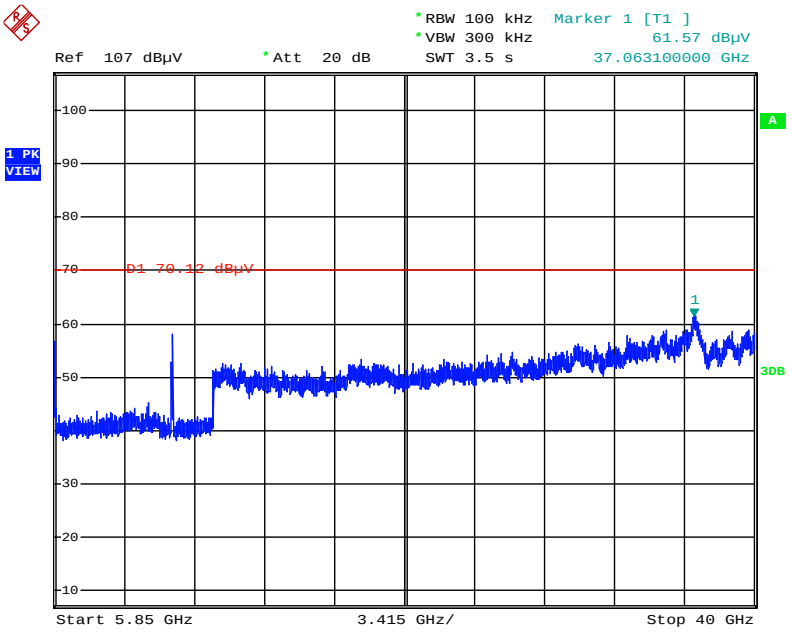
Date: 16.MAY.2015 20:25:06

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 30MHz~5725MHz (down 30dBc)



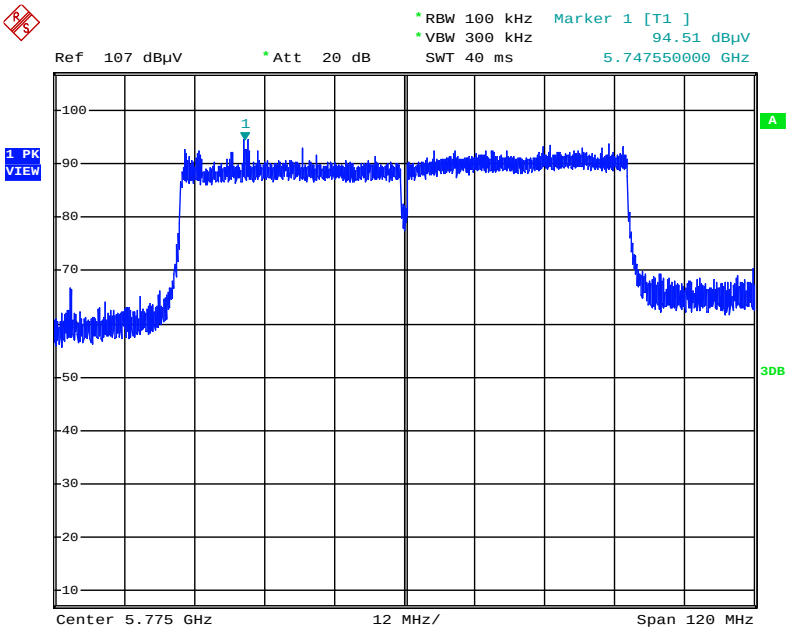
Date: 16.MAY.2015 13:41:57

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT40 / CH 159 / 5850MHz~40000MHz (down 30dBc)



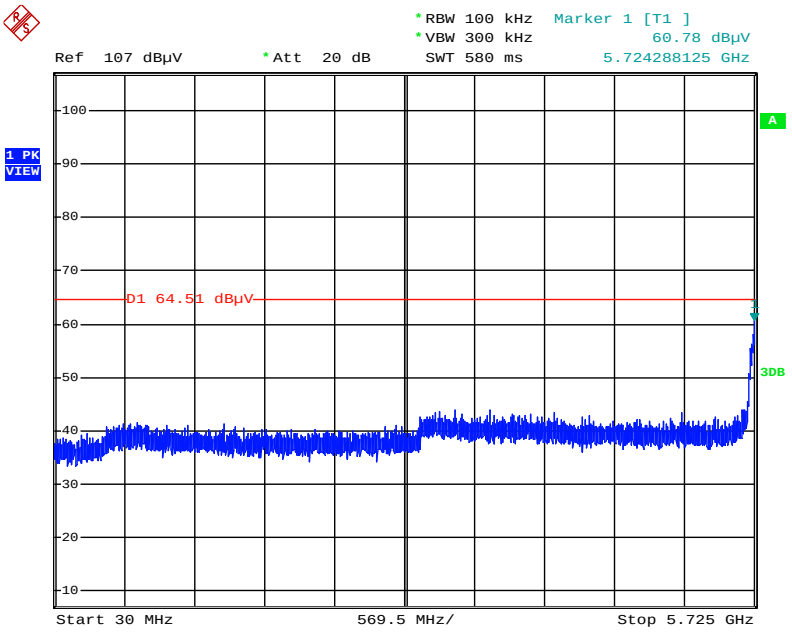
Date: 16.MAY.2015 13:42:38

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / Reference Level



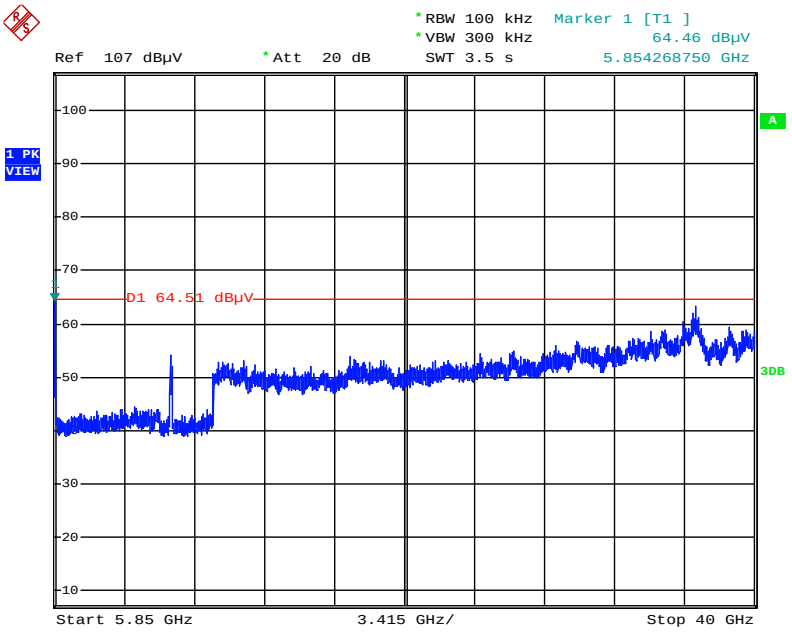
Date: 16.MAY.2015 14:00:31

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 30MHz~5725MHz (down 30dBc)



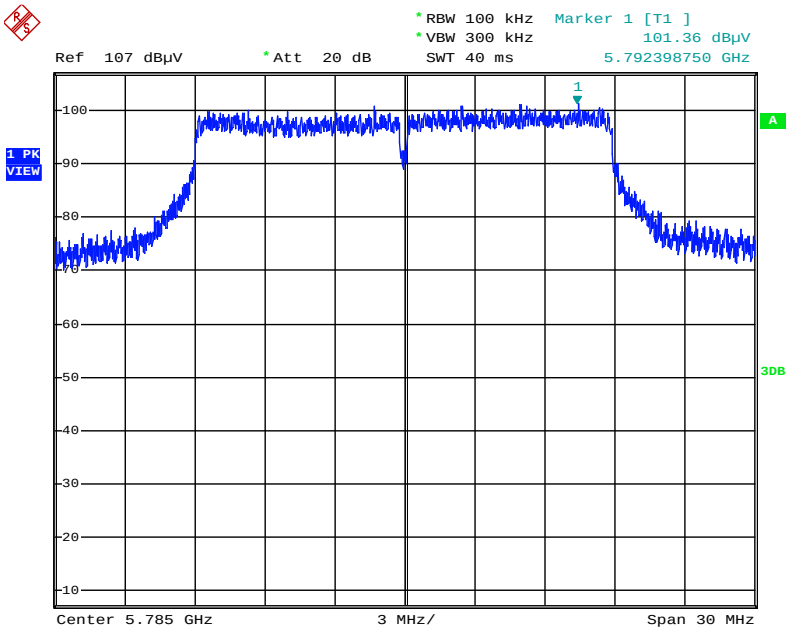
Date: 16.MAY.2015 14:01:21

Plot on Configuration IEEE 802.11ac MCS0/Nss1 VHT80 / CH 155 / 5850MHz~40000MHz (down 30dBc)



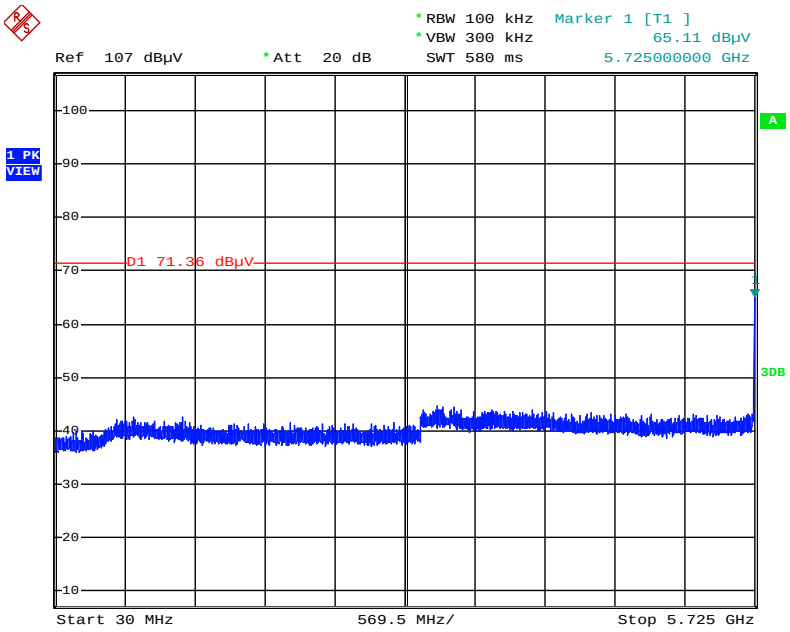
Date: 16.MAY.2015 14:02:28

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / Reference Level



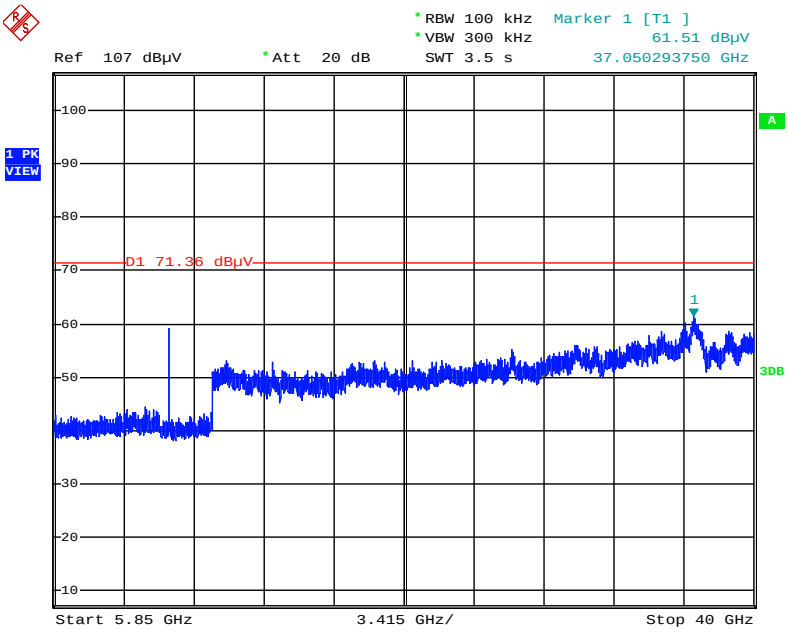
Date: 16.MAY.2015 16:40:19

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 149 / 30MHz~5725MHz (down 30dBc)



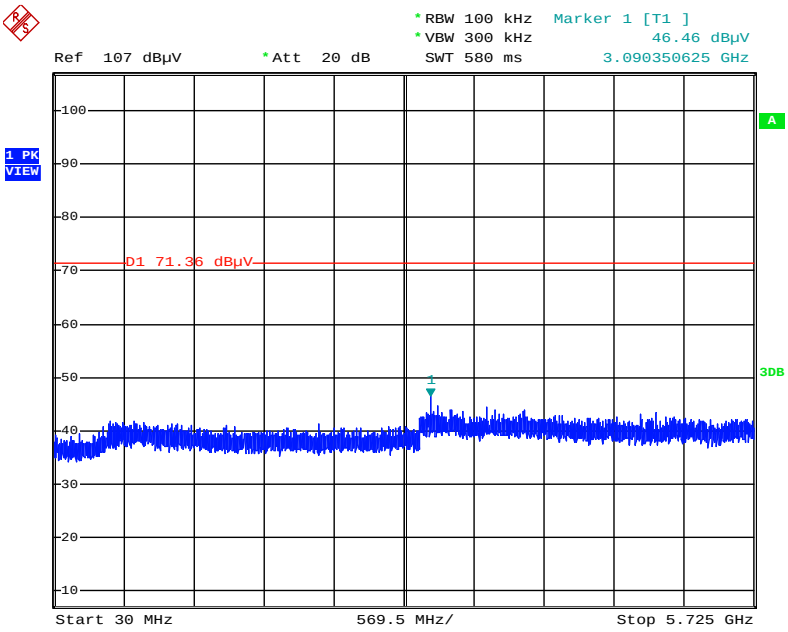
Date: 16.MAY.2015 20:29:38

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 149 / 5850MHz~40000MHz (down 30dBc)



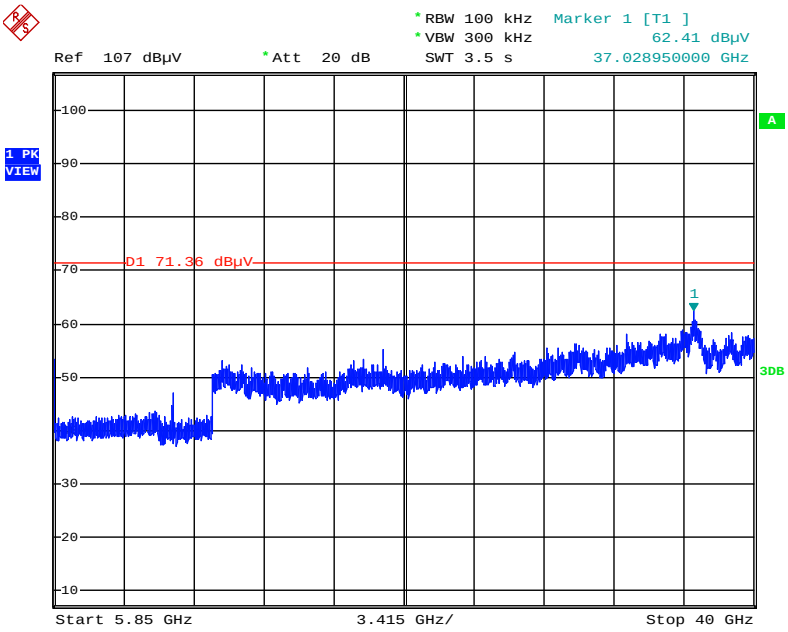
Date: 16.MAY.2015 16:42:39

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 165 / 30MHz~5725MHz (down 30dBc)



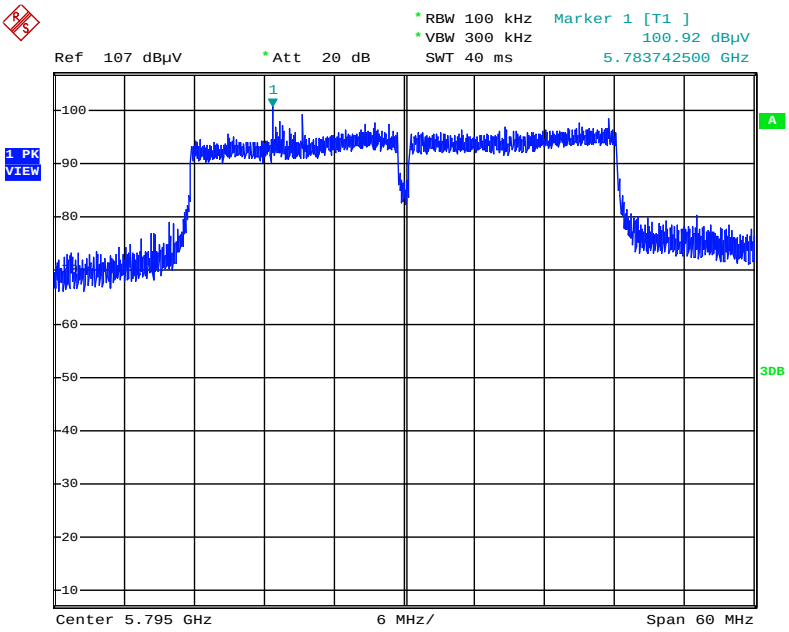
Date: 16.MAY.2015 16:44:08

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT20 / CH 165 / 5850MHz~40000MHz (down 30dBc)



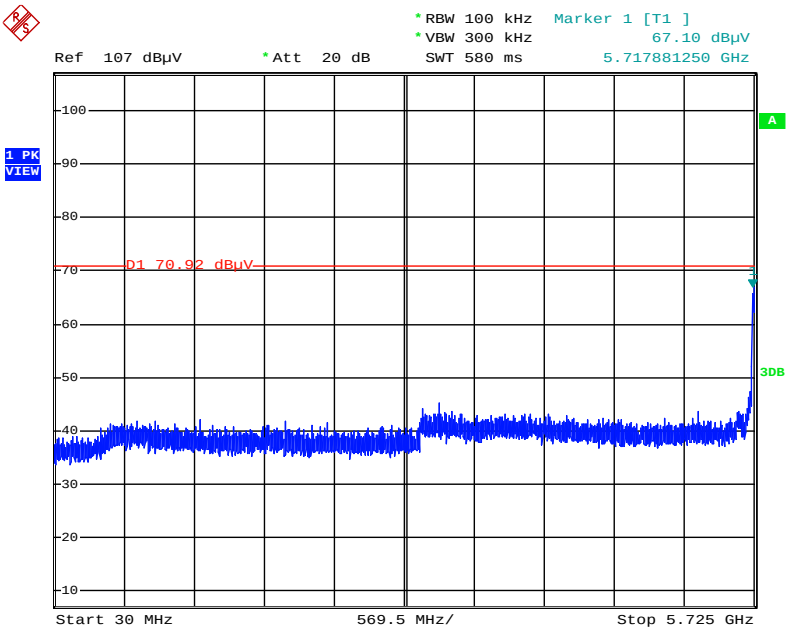
Date: 16.MAY.2015 20:31:07

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / Reference Level



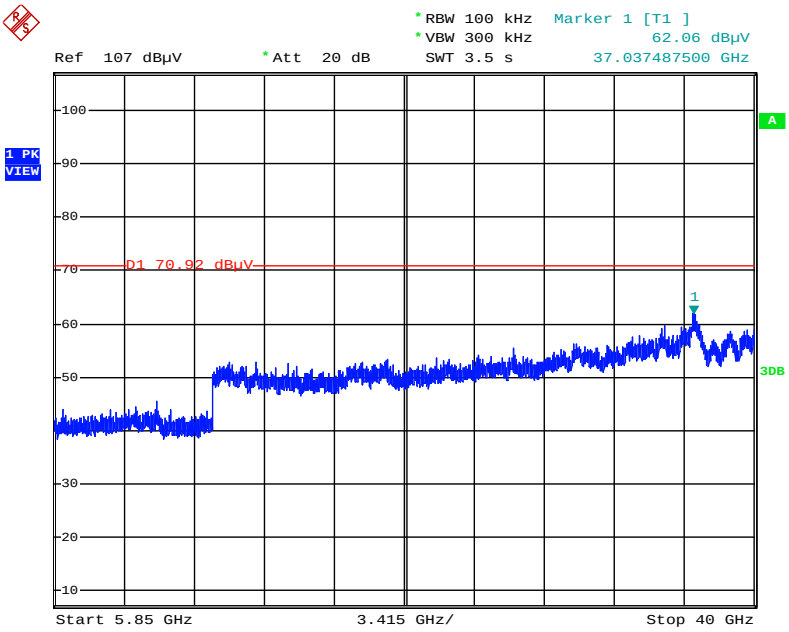
Date: 16.MAY.2015 16:31:17

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 151 / 30MHz~5725MHz (down 30dBc)



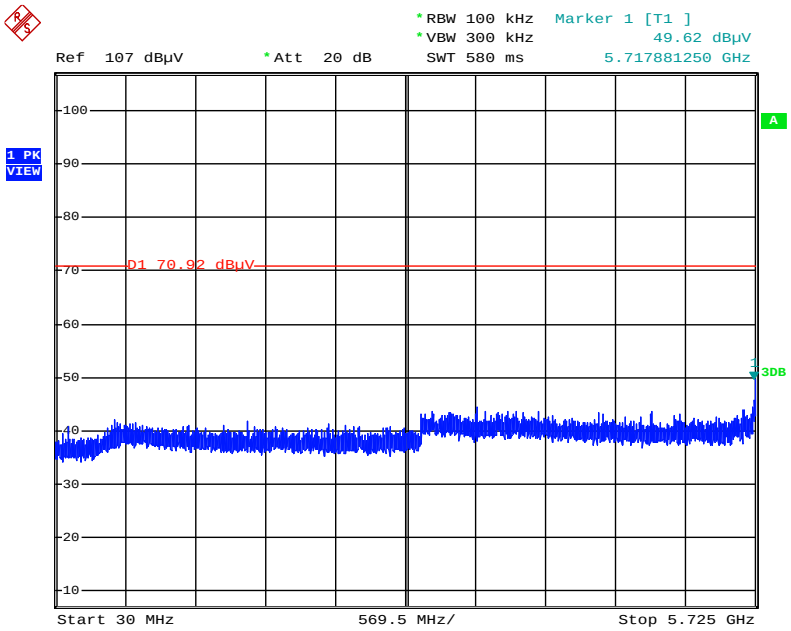
Date: 16.MAY.2015 16:35:18

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 151 / 5850MHz~40000MHz (down 30dBc)



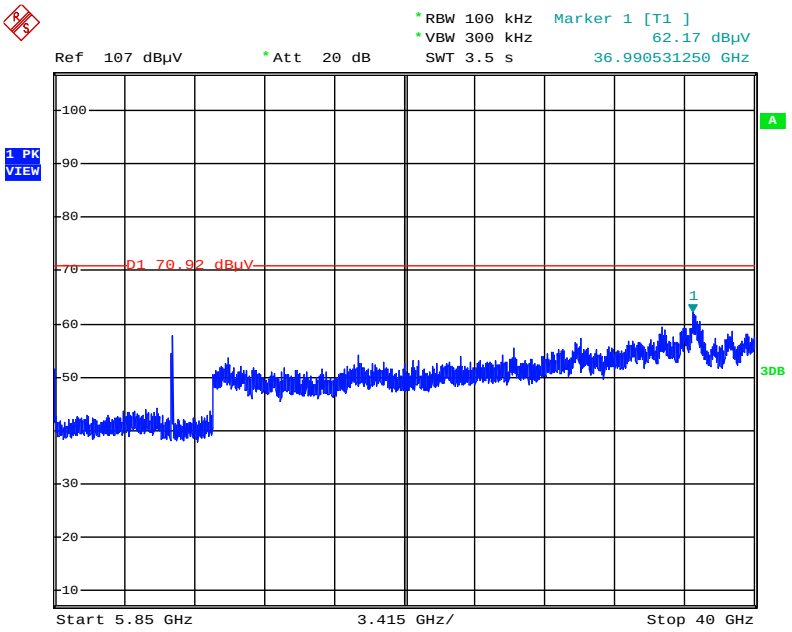
Date: 16.MAY.2015 20:32:39

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 159 / 30MHz~5725MHz (down 30dBc)



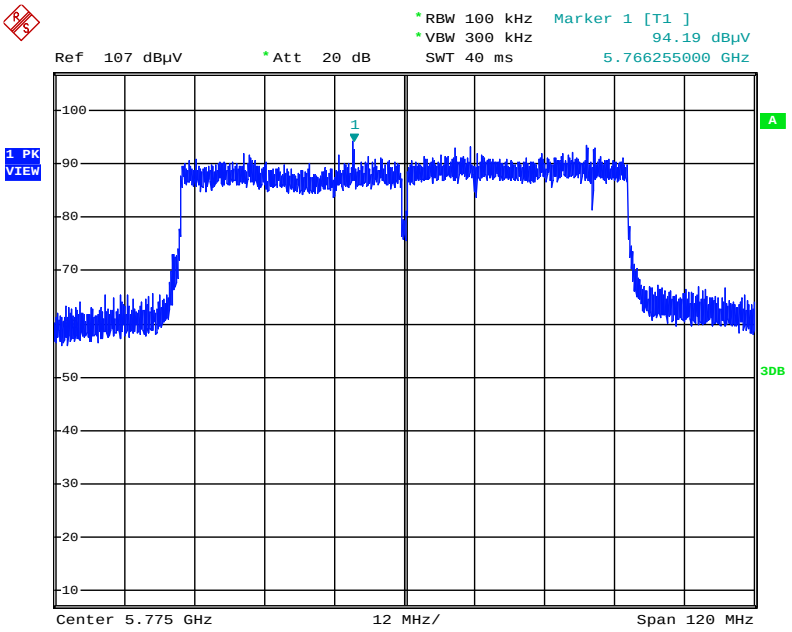
Date: 16.MAY.2015 16:33:00

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT40 / CH 159 / 5850MHz~40000MHz (down 30dBc)



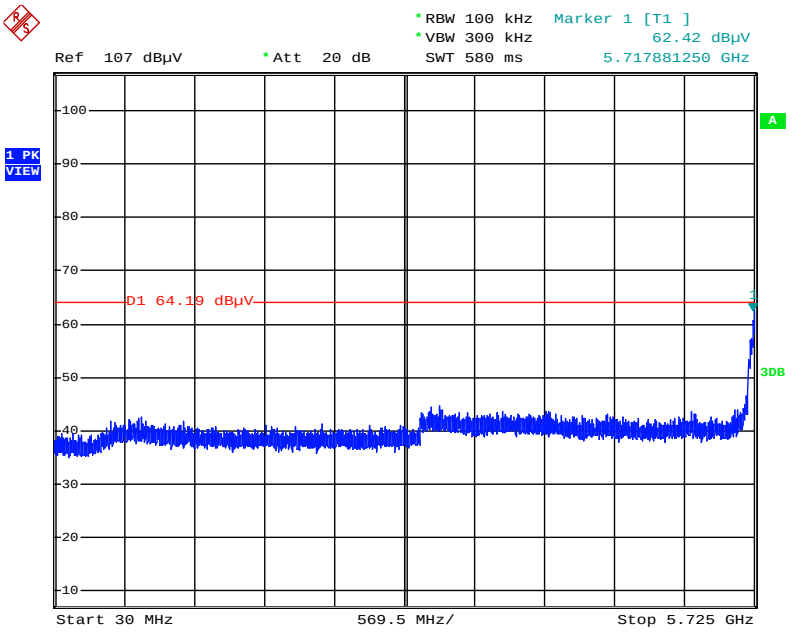
Date: 16.MAY.2015 16:33:45

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / Reference Level



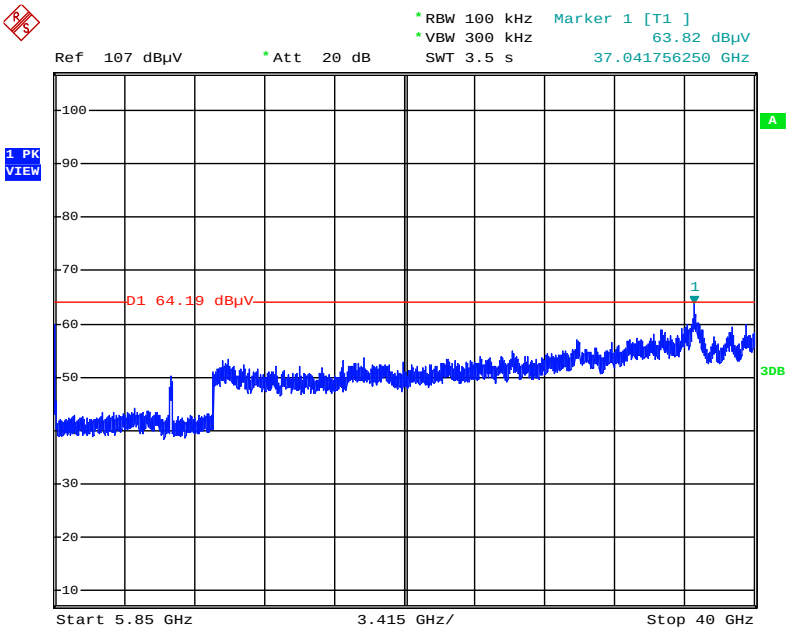
Date: 16.MAY.2015 17:01:37

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / CH 155 / 30MHz~5725MHz (down 30dBc)



Date: 16.MAY.2015 17:02:42

Plot on Configuration IEEE 802.11ac MCS0/Nss2 VHT80 / CH 155 / 5850MHz~40000MHz (down 30dBc)



Date: 16.MAY.2015 17:03:32

4.7. Antenna Requirements

4.7.1. Limit

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

4.7.2. Antenna Connector Construction

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

5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Test Receiver	R&S	ESCS 30	100355	9kHz ~ 2.75GHz	Apr. 22, 2015	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 02, 2014	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 02, 2014	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	Dec. 03, 2014	Conduction (CO01-CB)
Software	Audix	E3	5.410e	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA	Schaffner	CBL6112D	22021	20MHz ~ 2GHz	May 06, 2015	Radiation (03CH01-CB)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jul. 28, 2014	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Oct. 28, 2014	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Aug. 22, 2014	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Feb. 24, 2015	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 12, 2015	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Nov. 25, 2014	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 06, 2014	Radiation (03CH01-CB)
EMI Test Receiver	Agilent	N9038A	MY52260123	9kHz ~ 8GHz	Jan. 21, 2015	Radiation (03CH01-CB)
Turn Table	INN CO	CO 2000	N/A	0 ~ 360 degree	N.C.R.	Radiation (03CH01-CB)
Antenna Mast	INN CO	CO 2000	N/A	1 m ~ 4 m	N.C.R.	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz ~ 1 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz ~ 18 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	1 GHz ~ 40 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	1 GHz ~ 40 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
Thermometer	HTC-1	HTC-1	TP-1	-50℃~70℃	Mar. 11, 2015	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 12, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 03, 2014	Conducted (TH01-CB)
Thermometer	HTC-1	HTC-1	TP-8	-50℃~70℃	Mar. 05, 2015	Conducted (TH01-CB)

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

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

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

6. MEASUREMENT UNCERTAINTY

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%