Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 6 / Chain 1
Test Date	Apr. 26, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.46	54.27	74.00	-19.73	47.74	7.56	32.68	33.71	100	59	Peak	HORIZONTAL
2	4874.67	40.00	54.00	-14.00	33.47	7.56	32.68	33.71	100	59	Average	HORIZONTAL
3	7312.70	47.57	54.00	-6.43	35.37	9.18	37.24	34.22	295	313	Average	HORIZONTAL
4	7315.87	65.92	74.00	-8.08	53.71	9.16	37.27	34.22	295	313	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.92	59.77	74.00	-14.23	53.24	7.56	32.68	33.71	229	330	Peak	VERTICAL
2	4875.36	45.76	54.00	-8.24	39.23	7.56	32.68	33.71	229	330	Average	VERTICAL
3	7311.13	71.12	74.00	-2.88	58.92	9.18	37.24	34.22	100	49	Peak	VERTICAL
4	7311.27	53.61	54.00	-0.39	41.41	9.18	37.24	34.22	100	49	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 11 / Chain 1
Test Date	Apr. 26, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4923.28	41.42	54.00	-12.58	34.72	7.63	32.75	33.68	102	62	Average	HORIZONTAL
2	4924.37	54.96	74.00	-19.04	48.21	7.65	32.78	33.68	102	62	Peak	HORIZONTAL
3	7388.48	68.94	74.00	-5.06	56.76	9.10	37.35	34.27	293	309	Peak	HORIZONTAL
4	7388.81	48.64	54.00	-5.36	36.46	9.10	37.35	34.27	293	309	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4923.44	46.18	54.00	-7.82	39.48	7.63	32.75	33.68	223	327	Average	VERTICAL
2	4923.44	59.22	74.00	-14.78	52.52	7.63	32.75	33.68	223	327	Peak	VERTICAL
3	7383.60	53.60	54.00	-0.40	41.42	9.10	37.35	34.27	218	22	Average	VERTICAL
4	7384.40	73.22	74.00	-0.78	61.04	9.10	37.35	34.27	218	22	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.

<Mode 4: Ant. 4 (Dipole Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4818.84	46.63	54.00	-7.37	40.96	7.08	31.12	32.53	114	337	Average	HORIZONTAL
2	4829.39	54.46	74.00	-19.54	48.76	7.08	31.14	32.52	114	337	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4829.19	53.67	54.00	-0.33	47.97	7.08	31.14	32.52	100	272	Average	VERTICAL
2	4829.55	60.54	74.00	-13.46	54.84	7.08	31.14	32.52	100	272	Peak	VERTICAL

Temperature	27°C	Humidity	62%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 6 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4879.19	49.26	54.00	-4.74	43.44	7.08	31.21	32.47	270	354	Average	HORIZONTAL
2	4879.45	55.80	74.00	-18.20	49.98	7.08	31.21	32.47	270	354	Peak	HORIZONTAL
3	7303.23	54.05	74.00	-19.95	40.93	8.77	35.99	31.64	103	76	Peak	HORIZONTAL
4	7303.55	44.06	54.00	-9.94	30.94	8.77	35.99	31.64	103	76	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4879.19	53.89	54.00	-0.11	48.07	7.08	31.21	32.47	239	339	Average	VERTICAL
2	4879.51	60.49	74.00	-13.51	54.67	7.08	31.21	32.47	239	339	Peak	VERTICAL
3	7318.61	48.12	54.00	-5.88	34.93	8.78	36.03	31.62	147	109	Average	VERTICAL
4	7318.85	58.28	74.00	-15.72	45.09	8.78	36.03	31.62	147	109	Peak	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 11 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4929.19	49.48	54.00	-4.52	43.54	7.07	31.29	32.42	260	354	Average	HORIZONTAL
2	4929.55	56.33	74.00	-17.67	50.39	7.07	31.29	32.42	260	354	Peak	HORIZONTAL
3	7377.91	55.06	74.00	-18.94	41.70	8.81	36.12	31.57	100	71	Peak	HORIZONTAL
4	7378.47	44.06	54.00	-9.94	30.70	8.81	36.12	31.57	100	71	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4929.16	53.61	54.00	-0.39	47.67	7.07	31.29	32.42	222	334	Average	VERTICAL
2	4929.51	60.14	74.00	-13.86	54.20	7.07	31.29	32.42	222	334	Peak	VERTICAL
3	7378.31	55.60	74.00	-18.40	42.24	8.81	36.12	31.57	151	271	Peak	VERTICAL
4	7378.47	46.08	54.00	-7.92	32.72	8.81	36.12	31.57	151	271	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4824.51	47.55	54.00	-6.45	41.87	7.08	31.12	32.52	100	334	Average	HORIZONTAL
2	4828.52	62.07	74.00	-11.93	56.37	7.08	31.14	32.52	100	334	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4824.16	67.97	74.00	-6.03	62.29	7.08	31.12	32.52	100	278	Peak	VERTICAL
2	4824.58	53.67	54.00	-0.33	47.99	7.08	31.12	32.52	100	278	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 6 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4872.96	62.84	74.00	-11.16	57.02	7.08	31.21	32.47	100	336	Peak	HORIZONTAL
2	4873.76	48.63	54.00	-5.37	42.81	7.08	31.21	32.47	100	336	Average	HORIZONTAL
3	7310.76	59.23	74.00	-14.77	46.09	8.77	35.99	31.62	118	340	Peak	HORIZONTAL
4	7311.24	44.47	54.00	-9.53	31.33	8.77	35.99	31.62	118	340	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.68	53.81	54.00	-0.19	47.99	7.08	31.21	32.47	100	268	Average	VERTICAL
2	4874.08	67.95	74.00	-6.05	62.13	7.08	31.21	32.47	100	268	Peak	VERTICAL
3	7308.12	63.18	74.00	-10.82	50.06	8.77	35.99	31.64	116	121	Peak	VERTICAL
4	7310.92	47.65	54.00	-6.35	34.51	8.77	35.99	31.62	116	121	Average	VERTICAL

Temperature	27°C	Humidity	62%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 11 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4923.20	62.59	74.00	-11.41	56.67	7.07	31.27	32.42	104	336	Peak	HORIZONTAL
2	4924.90	48.36	54.00	-5.64	42.42	7.07	31.29	32.42	104	336	Average	HORIZONTAL
3	7378.71	58.99	74.00	-15.01	45.63	8.81	36.12	31.57	103	67	Peak	HORIZONTAL
4	7386.16	44.40	54.00	-9.60	30.97	8.82	36.17	31.56	103	67	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4923.49	68.45	74.00	-5.55	62.53	7.07	31.27	32.42	100	271	Peak	VERTICAL
2	4924.74	53.72	54.00	-0.28	47.78	7.07	31.29	32.42	100	271	Average	VERTICAL
3	7379.83	61.38	74.00	-12.62	47.96	8.82	36.17	31.57	293	119	Peak	VERTICAL
4	7386.08	46.08	54.00	-7.92	32.65	8.82	36.17	31.56	293	119	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4824.80	47.91	54.00	-6.09	42.23	7.08	31.12	32.52	106	335	Average	HORIZONTAL
2	4826.81	61.74	74.00	-12.26	56.04	7.08	31.14	32.52	106	335	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4819.99	67.35	74.00	-6.65	61.68	7.08	31.12	32.53	100	277	Peak	VERTICAL
2	4824.80	53.84	54.00	-0.16	48.16	7.08	31.12	32.52	100	277	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 6 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.20	63.99	74.00	-10.01	58.17	7.08	31.21	32.47	100	335	Peak	HORIZONTAL
2	4873.28	48.23	54.00	-5.77	42.41	7.08	31.21	32.47	100	335	Average	HORIZONTAL
3	7312.28	45.21	54.00	-8.79	32.07	8.77	35.99	31.62	100	344	Average	HORIZONTAL
4	7319.49	60.21	74.00	-13.79	47.02	8.78	36.03	31.62	100	344	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4874.32	67.96	74.00	-6.04	62.14	7.08	31.21	32.47	100	270	Peak	VERTICAL
2	4874.56	53.85	54.00	-0.15	48.03	7.08	31.21	32.47	100	270	Average	VERTICAL
3	7310.68	48.04	54.00	-5.96	34.90	8.77	35.99	31.62	207	105	Average	VERTICAL
4	7317.57	64.08	74.00	-9.92	50.89	8.78	36.03	31.62	207	105	Peak	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 11 / Chain 1
Test Date	Apr. 20, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4922.97	63.35	74.00	-10.65	57.43	7.07	31.27	32.42	258	353	Peak	HORIZONTAL
2	4923.74	50.12	54.00	-3.88	44.18	7.07	31.29	32.42	258	353	Average	HORIZONTAL
3	7385.68	45.27	54.00	-8.73	31.84	8.82	36.17	31.56	100	70	Average	HORIZONTAL
4	7389.85	58.67	74.00	-15.33	45.24	8.82	36.17	31.56	100	70	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4925.44	53.78	54.00	-0.22	47.84	7.07	31.29	32.42	101	270	Average	VERTICAL
2	4926.16	68.20	74.00	-5.80	62.26	7.07	31.29	32.42	101	270	Peak	VERTICAL
3	7382.15	62.00	74.00	-12.00	48.58	8.82	36.17	31.57	293	122	Peak	VERTICAL
4	7387.12	47.45	54.00	-6.55	34.02	8.82	36.17	31.56	293	122	Average	VERTICAL

Note:

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

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

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

<Mode 5: Ant. 6 (Chip Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4818.49	60.64	74.00	-13.36	54.31	7.48	32.58	33.73	100	47	Peak	HORIZONTAL
2	4818.87	53.37	54.00	-0.63	47.04	7.48	32.58	33.73	100	47	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4818.55	60.71	74.00	-13.29	54.38	7.48	32.58	33.73	100	249	Peak	VERTICAL
2	4818.84	53.78	54.00	-0.22	47.45	7.48	32.58	33.73	100	249	Average	VERTICAL

Temperature	27°C	Humidity	62%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 6 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4868.49	59.18	74.00	-14.82	52.65	7.56	32.68	33.71	239	346	Peak	HORIZONTAL
2	4868.87	51.49	54.00	-2.51	44.96	7.56	32.68	33.71	239	346	Average	HORIZONTAL
3	7318.76	51.68	54.00	-2.32	39.47	9.16	37.27	34.22	224	312	Average	HORIZONTAL
4	7319.27	61.38	74.00	-12.62	49.17	9.16	37.27	34.22	224	312	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4868.46	57.70	74.00	-16.30	51.17	7.56	32.68	33.71	102	245	Peak	VERTICAL
2	4868.81	49.77	54.00	-4.23	43.24	7.56	32.68	33.71	102	245	Average	VERTICAL
3	7318.66	53.70	54.00	-0.30	41.49	9.16	37.27	34.22	101	310	Average	VERTICAL
4	7319.37	62.90	74.00	-11.10	50.69	9.16	37.27	34.22	101	310	Peak	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 11 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4929.19	49.31	54.00	-4.69	42.56	7.65	32.78	33.68	280	343	Average	HORIZONTAL
2	4929.48	56.74	74.00	-17.26	49.99	7.65	32.78	33.68	280	343	Peak	HORIZONTAL
3	7378.31	51.62	54.00	-2.38	39.44	9.12	37.33	34.27	222	320	Average	HORIZONTAL
4	7379.85	60.75	74.00	-13.25	48.57	9.10	37.35	34.27	222	320	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4929.19	50.67	54.00	-3.33	43.92	7.65	32.78	33.68	259	129	Average	VERTICAL
2	4929.51	57.80	74.00	-16.20	51.05	7.65	32.78	33.68	259	129	Peak	VERTICAL
3	7377.80	63.34	74.00	-10.66	51.16	9.12	37.33	34.27	119	281	Peak	VERTICAL
4	7378.44	53.95	54.00	-0.05	41.77	9.12	37.33	34.27	119	281	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4823.49	51.67	54.00	-2.33	45.34	7.48	32.58	33.73	291	222	Average	HORIZONTAL
2	4823.49	65.66	74.00	-8.34	59.33	7.48	32.58	33.73	291	222	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4819.29	62.35	74.00	-11.65	56.02	7.48	32.58	33.73	100	225	Peak	VERTICAL
2	4820.19	48.98	54.00	-5.02	42.65	7.48	32.58	33.73	100	225	Average	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 6 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4873.07	46.45	54.00	-7.55	39.92	7.56	32.68	33.71	254	319	Average	HORIZONTAL
2	4876.15	63.31	74.00	-10.69	56.78	7.56	32.68	33.71	254	319	Peak	HORIZONTAL
3	7307.44	70.53	74.00	-3.47	58.33	9.18	37.24	34.22	270	194	Peak	HORIZONTAL
4	7309.88	53.60	54.00	-0.40	41.40	9.18	37.24	34.22	270	194	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4876.12	60.19	74.00	-13.81	53.66	7.56	32.68	33.71	100	230	Peak	VERTICAL
2	4876.47	42.84	54.00	-11.16	36.31	7.56	32.68	33.71	100	230	Average	VERTICAL
3	7311.90	53.74	54.00	-0.26	41.54	9.18	37.24	34.22	100	36	Average	VERTICAL
4	7313.24	71.03	74.00	-2.97	58.83	9.18	37.24	34.22	100	36	Peak	VERTICAL

Temperature	27°C	Humidity	62%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 11 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4921.40	67.99	74.00	-6.01	61.29	7.63	32.75	33.68	101	318	Peak	HORIZONTAL
2	4925.67	51.48	54.00	-2.52	44.73	7.65	32.78	33.68	101	318	Average	HORIZONTAL
3	7384.08	53.51	54.00	-0.49	41.33	9.10	37.35	34.27	257	33	Average	HORIZONTAL
4	7388.28	72.29	74.00	-1.71	60.11	9.10	37.35	34.27	257	33	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4925.03	67.91	74.00	-6.09	61.16	7.65	32.78	33.68	101	316	Peak	VERTICAL
2	4925.99	51.14	54.00	-2.86	44.39	7.65	32.78	33.68	101	316	Average	VERTICAL
3	7386.16	52.47	54.00	-1.53	40.29	9.10	37.35	34.27	107	42	Average	VERTICAL
4	7386.69	71.72	74.00	-2.28	59.54	9.10	37.35	34.27	107	42	Peak	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4817.49	64.80	74.00	-9.20	58.47	7.48	32.58	33.73	288	222	Peak	HORIZONTAL
2	4822.72	52.01	54.00	-1.99	45.68	7.48	32.58	33.73	288	222	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4821.47	49.42	54.00	-4.58	43.09	7.48	32.58	33.73	100	23	Average	VERTICAL
2	4821.60	62.05	74.00	-11.95	55.72	7.48	32.58	33.73	100	23	Peak	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 6 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4871.63	63.37	74.00	-10.63	56.84	7.56	32.68	33.71	100	315	Peak	HORIZONTAL
2	4876.92	45.78	54.00	-8.22	39.24	7.56	32.68	33.70	100	315	Average	HORIZONTAL
3	7310.17	71.26	74.00	-2.74	59.06	9.18	37.24	34.22	102	23	Peak	HORIZONTAL
4	7311.58	53.30	54.00	-0.70	41.10	9.18	37.24	34.22	102	23	Average	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4870.54	43.01	54.00	-10.99	36.48	7.56	32.68	33.71	100	223	Average	VERTICAL
2	4876.85	59.22	74.00	-14.78	52.68	7.56	32.68	33.70	100	223	Peak	VERTICAL
3	7314.13	53.82	54.00	-0.18	41.62	9.18	37.24	34.22	103	42	Average	VERTICAL
4	7319.17	70.94	74.00	-3.06	58.73	9.16	37.27	34.22	103	42	Peak	VERTICAL

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 11 / Chain 1
Test Date	Apr. 27, 2016		

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4920.99	69.36	74.00	-4.64	62.66	7.63	32.75	33.68	102	317	Peak	HORIZONTAL
2	4925.31	52.87	54.00	-1.13	46.12	7.65	32.78	33.68	102	317	Average	HORIZONTAL
3	7384.94	53.59	54.00	-0.41	41.41	9.10	37.35	34.27	102	22	Average	HORIZONTAL
4	7391.22	72.34	74.00	-1.66	60.16	9.10	37.35	34.27	102	22	Peak	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	4924.99	50.89	54.00	-3.11	44.14	7.65	32.78	33.68	103	316	Average	VERTICAL
2	4926.18	67.59	74.00	-6.41	60.84	7.65	32.78	33.68	103	316	Peak	VERTICAL
3	7382.51	52.76	54.00	-1.24	40.58	9.10	37.35	34.27	100	28	Average	VERTICAL
4	7383.34	70.97	74.00	-3.03	58.79	9.10	37.35	34.27	100	28	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.

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.

For Radiated Out of Band Emission Measurement:

1. Test was performed in accordance with KDB558074 D01 v03r05 for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247 section 11.0 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

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Test Result of Band Edge and Fundamental Emissions

<Mode 1: Ant. 1 (PCB Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Date	Apr. 21, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2383.80	58.21	74.00	-15.79	26.83	4.33	27.05	0.00	163	300	Peak	VERTICAL
2	2387.96	47.08	54.00	-6.92	15.70	4.33	27.05	0.00	163	300	Average	VERTICAL
3	2412.00	100.75			69.29	4.35	27.11	0.00	163	300	Average	VERTICAL
4	2412.64	107.81			76.35	4.35	27.11	0.00	163	300	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2373.86	58.34	74.00	-15.66	27.01	4.31	27.02	0.00	209	175	Peak	VERTICAL
2	2385.40	46.73	54.00	-7.27	15.35	4.33	27.05	0.00	209	175	Average	VERTICAL
3	2437.00	101.90			70.37	4.37	27.16	0.00	209	175	Average	VERTICAL
4	2437.64	109.01			77.48	4.37	27.16	0.00	209	175	Peak	VERTICAL
5	2483.80	59.60	74.00	-14.40	27.91	4.42	27.27	0.00	209	175	Peak	VERTICAL
6	2485.10	47.43	54.00	-6.57	15.74	4.42	27.27	0.00	209	175	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2462.00	103.57			71.95	4.40	27.22	0.00	119	314	Average	VERTICAL
2	2462.64	110.75			79.13	4.40	27.22	0.00	119	314	Peak	VERTICAL
3	2484.78	47.15	54.00	-6.85	15.46	4.42	27.27	0.00	119	314	Average	VERTICAL
4	2497.10	60.37	74.00	-13.63	28.63	4.44	27.30	0.00	119	314	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Date	Apr. 21, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.57	54.00	-0.43	22.19	4.33	27.05	0.00	126	314	Average	VERTICAL
2	2390.00	68.67	74.00	-5.33	37.29	4.33	27.05	0.00	126	314	Peak	VERTICAL
3	2413.60	95.60			64.14	4.35	27.11	0.00	126	314	Average	VERTICAL
4	2418.41	106.12			74.63	4.36	27.13	0.00	126	314	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2355.27	59.08	74.00	-14.92	27.81	4.30	26.97	0.00	121	316	Peak	VERTICAL
2	2386.68	46.78	54.00	-7.22	15.40	4.33	27.05	0.00	121	316	Average	VERTICAL
3	2435.72	107.04			75.51	4.37	27.16	0.00	121	316	Peak	VERTICAL
4	2439.56	97.26			65.70	4.38	27.18	0.00	121	316	Average	VERTICAL
5	2489.27	47.39	54.00	-6.61	15.68	4.43	27.28	0.00	121	316	Average	VERTICAL
6	2494.08	57.99	74.00	-16.01	26.28	4.43	27.28	0.00	121	316	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2464.08	107.14			75.52	4.40	27.22	0.00	140	306	Peak	VERTICAL
2	2465.53	96.53			64.91	4.40	27.22	0.00	140	306	Average	VERTICAL
3	2483.80	53.59	54.00	-0.41	21.90	4.42	27.27	0.00	140	306	Average	VERTICAL
4	2483.96	73.67	74.00	-0.33	41.98	4.42	27.27	0.00	140	306	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1, 6, 11 / Chain 1
Test Date	Apr. 21, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.56	68.02	74.00	-5.98	36.64	4.33	27.05	0.00	144	178	Peak	VERTICAL
2	2390.00	53.60	54.00	-0.40	22.22	4.33	27.05	0.00	144	178	Average	VERTICAL
3	2418.41	95.28			63.79	4.36	27.13	0.00	144	178	Average	VERTICAL
4	2418.73	105.32			73.83	4.36	27.13	0.00	144	178	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2353.35	58.69	74.00	-15.31	27.42	4.30	26.97	0.00	123	309	Peak	VERTICAL
2	2387.32	46.84	54.00	-7.16	15.46	4.33	27.05	0.00	123	309	Average	VERTICAL
3	2437.96	107.51			75.98	4.37	27.16	0.00	123	309	Peak	VERTICAL
4	2439.56	97.18			65.62	4.38	27.18	0.00	123	309	Average	VERTICAL
5	2491.51	47.52	54.00	-6.48	15.81	4.43	27.28	0.00	123	309	Average	VERTICAL
6	2492.15	59.56	74.00	-14.44	27.85	4.43	27.28	0.00	123	309	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2464.89	96.14			64.52	4.40	27.22	0.00	122	308	Average	VERTICAL
2	2465.85	106.52			74.90	4.40	27.22	0.00	122	308	Peak	VERTICAL
3	2483.50	53.43	54.00	-0.57	21.74	4.42	27.27	0.00	122	308	Average	VERTICAL
4	2483.50	71.77	74.00	-2.23	40.08	4.42	27.27	0.00	122	308	Peak	VERTICAL

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

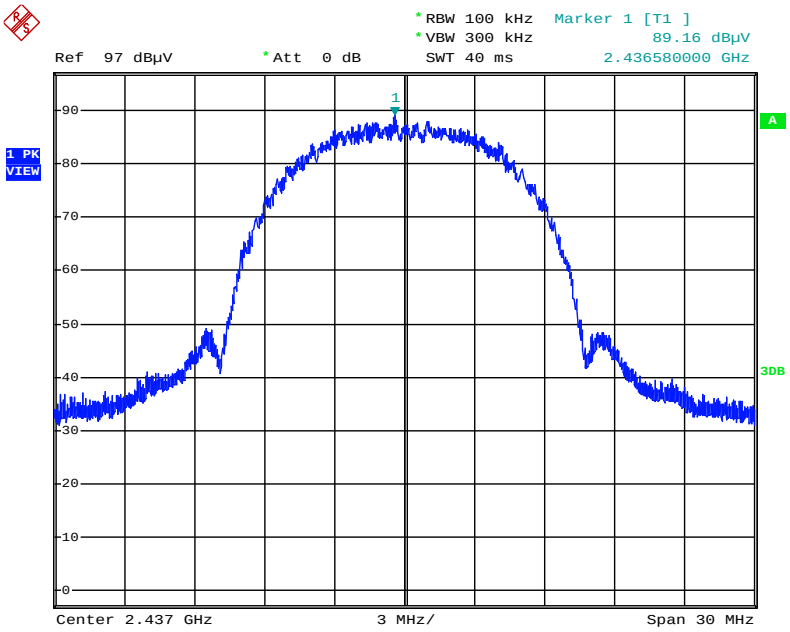
Note:

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

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

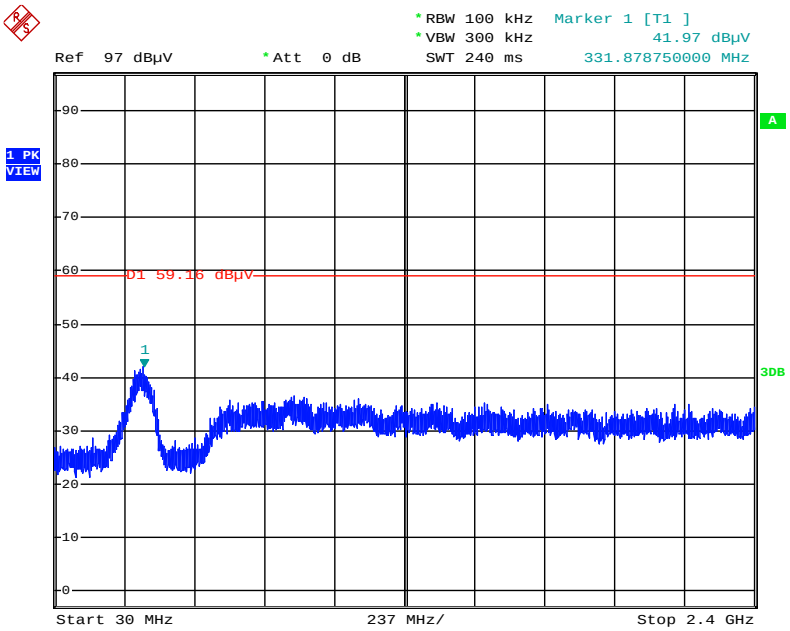
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11b / Reference Level



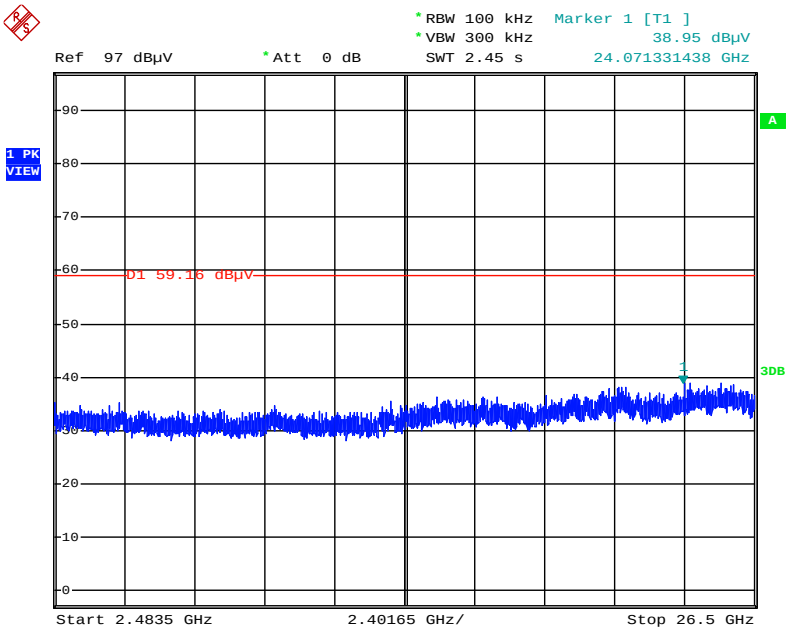
Date: 22.APR.2016 12:34:05

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



Date: 22.APR.2016 12:37:59

Plot on Configuration IEEE 802.11b / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



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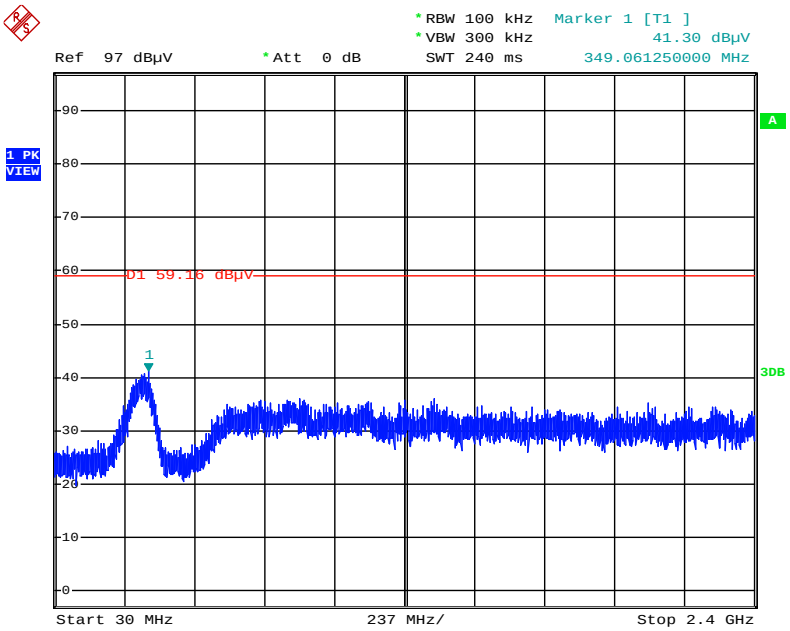
Plot on Configuration IEEE 802.11b / CH 11 / 30MHz~2400MHz (down 30dBc)



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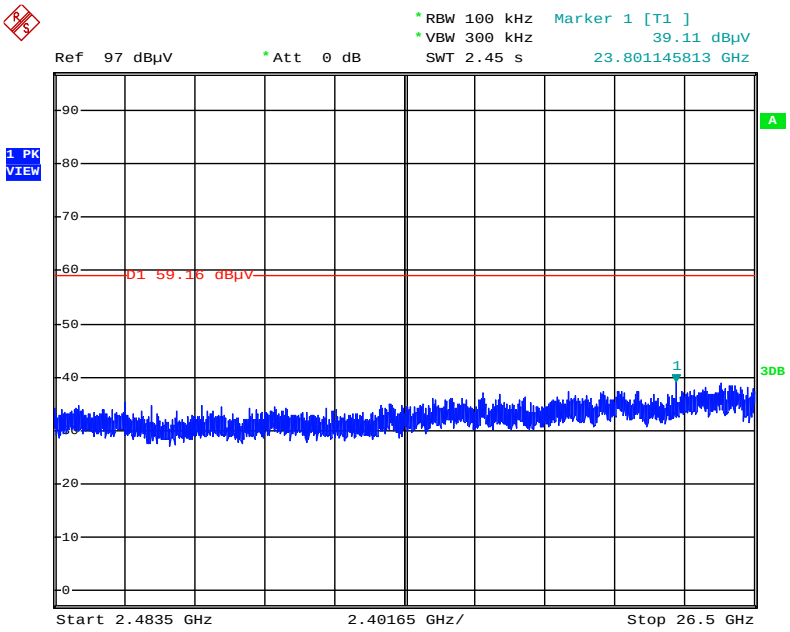
Plot on Configuration IEEE 802.11b / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



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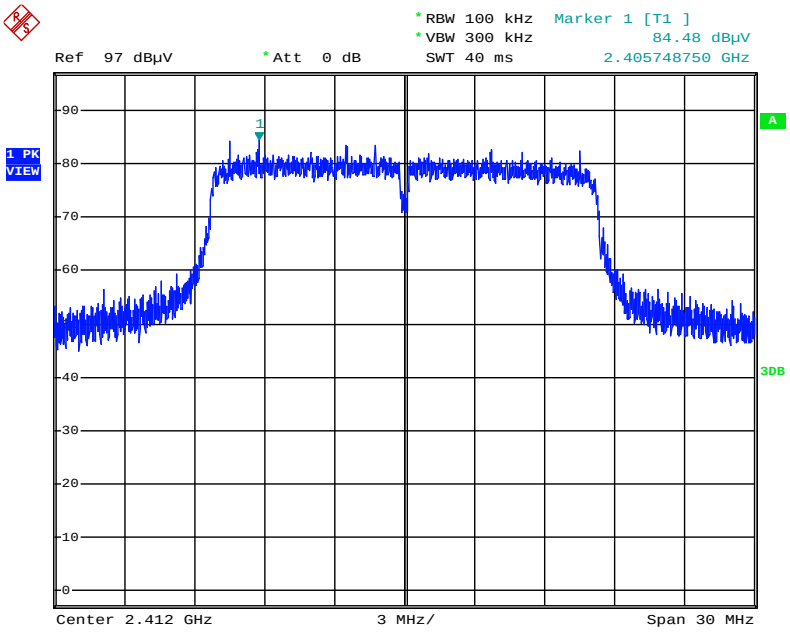
Plot on Configuration IEEE 802.11g / Reference Level



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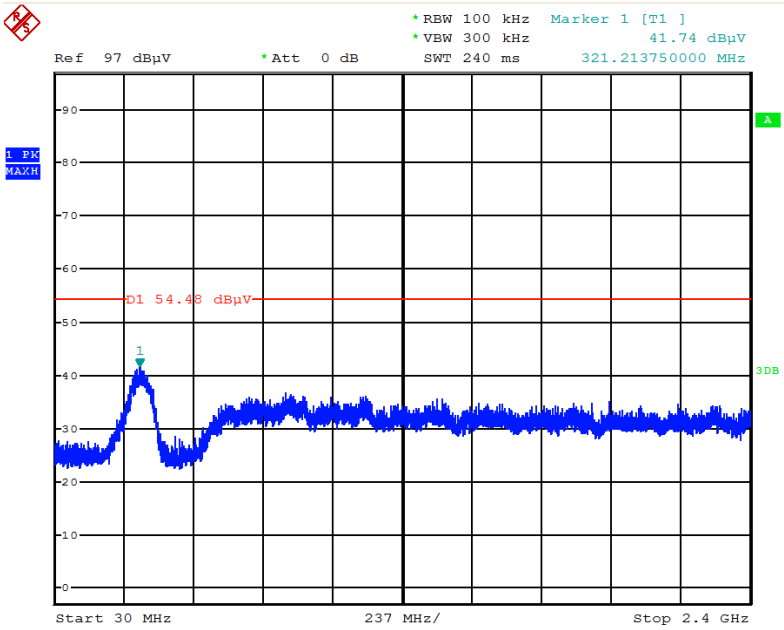
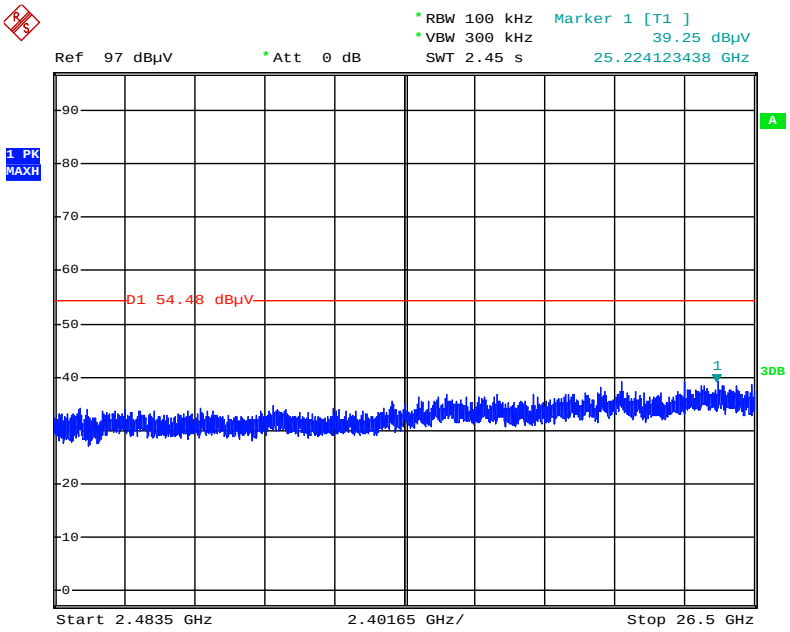
Plot on Configuration IEEE 802.11g / CH 1 / 30MHz~2400MHz (down 30dBc)



Date: 22.APR.2016 12:50:45

Plot on Configuration IEEE 802.11g / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



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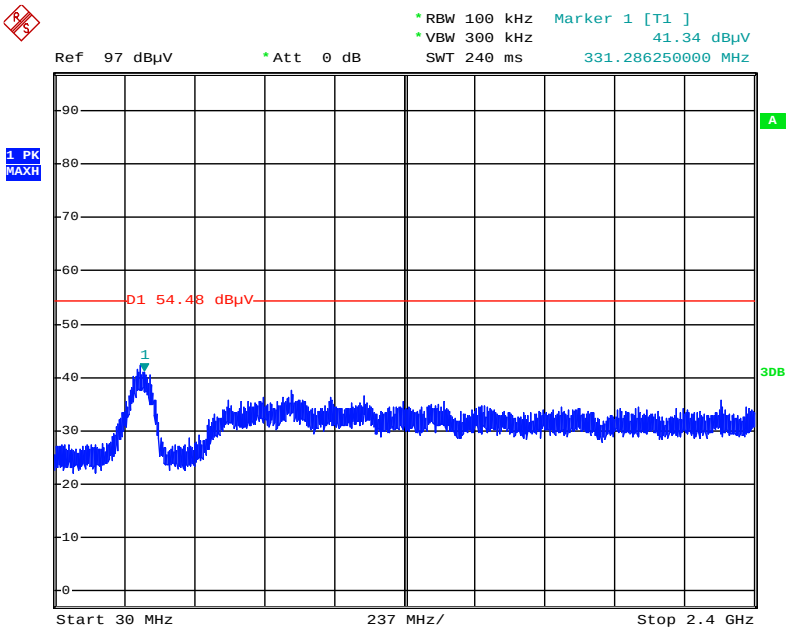
Plot on Configuration IEEE 802.11g / CH 11 / 30MHz~2400MHz (down 30dBc)



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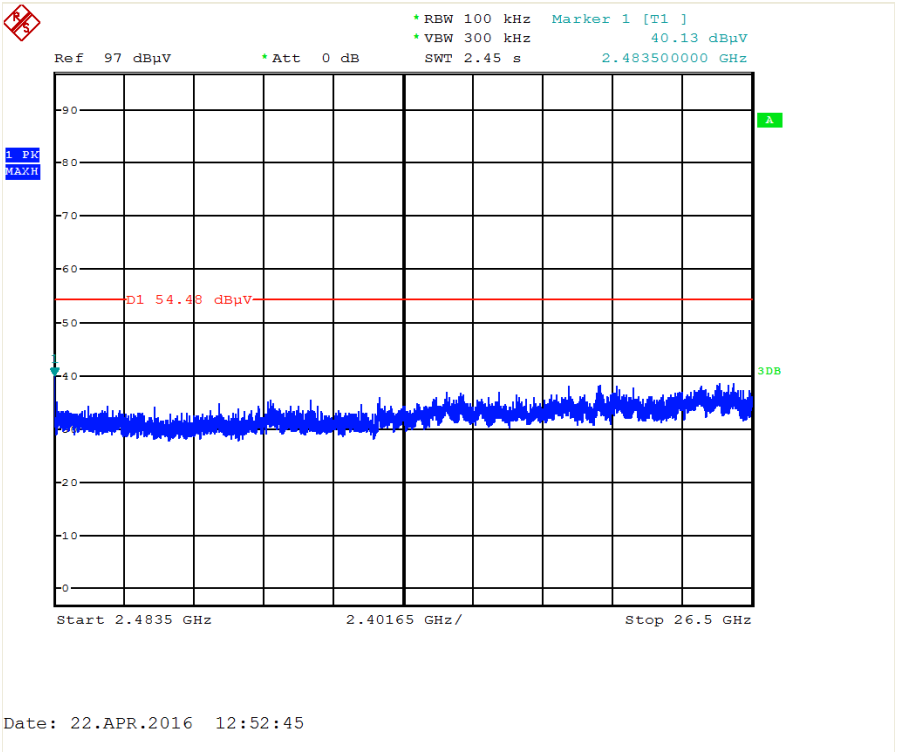
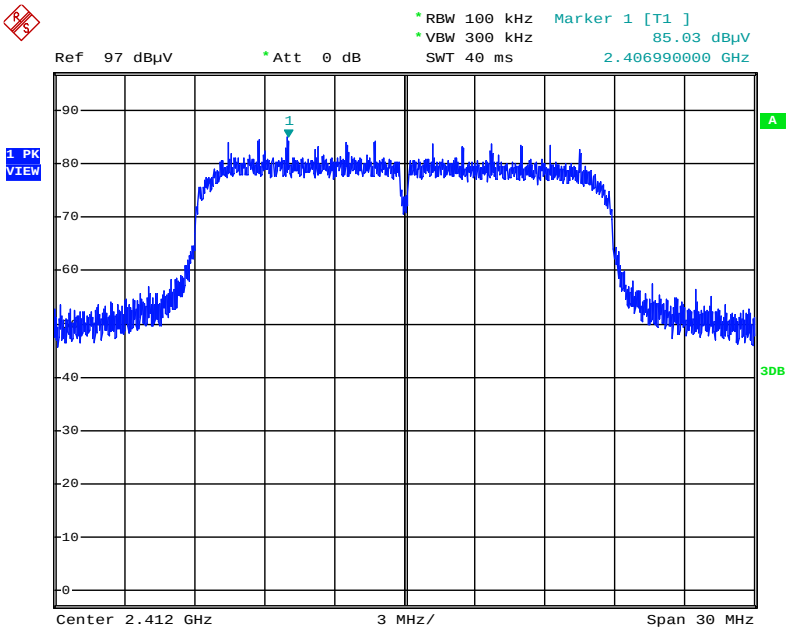
Plot on Configuration IEEE 802.11g / CH 11 / 2483.5MHz~26500MHz (down 30dBc)

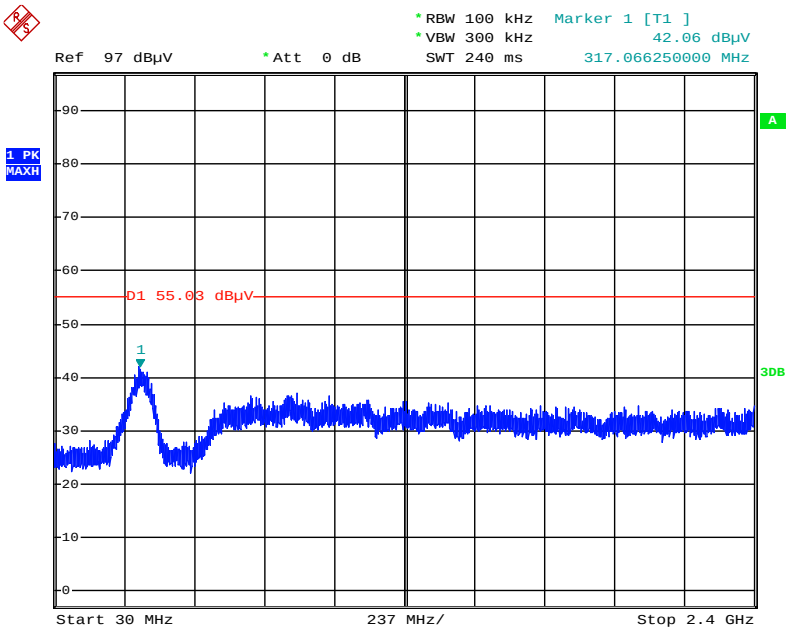


Plot on Configuration IEEE 802.11n MCS0 HT20 / Reference Level



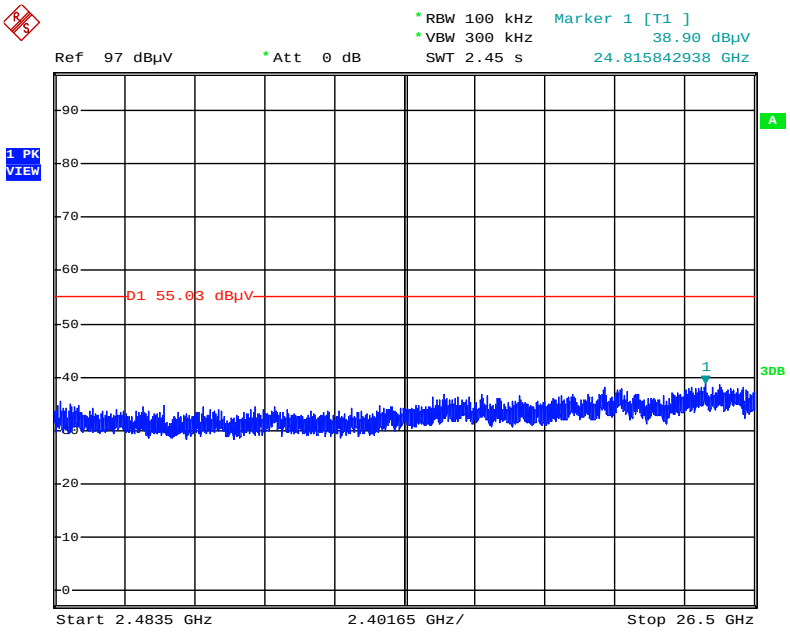
Date: 22.APR.2016 12:58:23

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



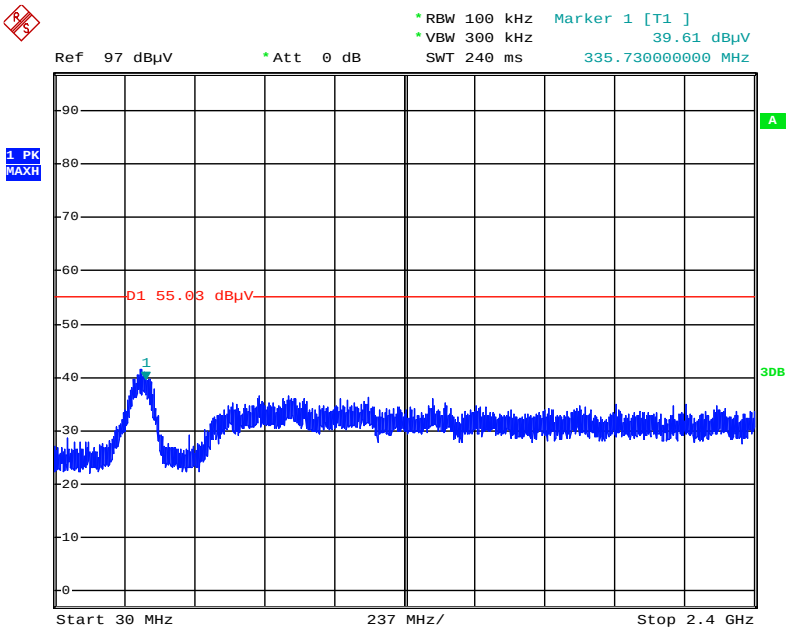
Date: 22.APR.2016 13:05:21

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



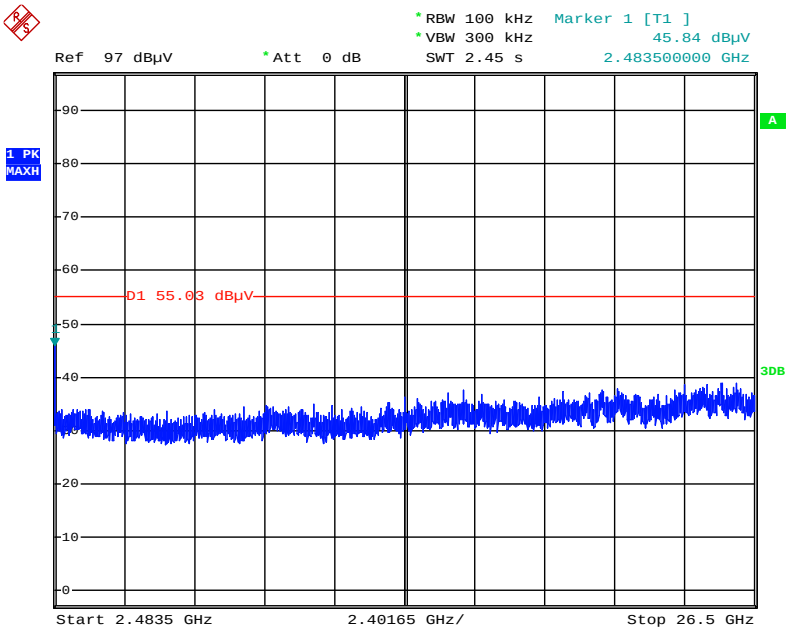
Date: 22.APR.2016 13:06:26

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



Date: 22.APR.2016 13:09:32

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



Date: 22.APR.2016 13:08:52

<Mode 2: Ant. 2 (PCB Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Date	Apr. 19, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2374.98	59.58	74.00	-14.42	27.75	4.81	27.02	0.00	153	278	Peak	VERTICAL
2	2389.72	46.91	54.00	-7.09	15.03	4.83	27.05	0.00	153	278	Average	VERTICAL
3	2410.88	97.07			65.12	4.85	27.10	0.00	153	278	Average	VERTICAL
4	2412.32	104.85			72.89	4.85	27.11	0.00	153	278	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2387.64	47.54	54.00	-6.46	15.66	4.83	27.05	0.00	109	229	Average	VERTICAL
2	2390.00	59.59	74.00	-14.41	27.71	4.83	27.05	0.00	109	229	Peak	VERTICAL
3	2436.36	110.87			78.84	4.87	27.16	0.00	109	229	Peak	VERTICAL
4	2437.00	103.64			71.61	4.87	27.16	0.00	109	229	Average	VERTICAL
5	2483.82	48.10	54.00	-5.90	15.91	4.92	27.27	0.00	109	229	Average	VERTICAL
6	2494.08	59.45	74.00	-14.55	27.24	4.93	27.28	0.00	109	229	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2461.36	111.43			79.31	4.90	27.22	0.00	101	218	Peak	VERTICAL
2	2462.00	103.95			71.83	4.90	27.22	0.00	101	218	Average	VERTICAL
3	2484.44	48.11	54.00	-5.89	15.92	4.92	27.27	0.00	101	218	Average	VERTICAL
4	2489.27	59.42	74.00	-14.58	27.21	4.93	27.28	0.00	101	218	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Date	Apr. 19, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.14	54.00	-0.86	21.76	4.33	27.05	0.00	101	217	Average	VERTICAL
2	2390.00	72.20	74.00	-1.80	40.82	4.33	27.05	0.00	101	217	Peak	VERTICAL
3	2413.92	97.46			66.00	4.35	27.11	0.00	101	217	Average	VERTICAL
4	2416.49	108.25			76.79	4.35	27.11	0.00	101	217	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2385.40	58.55	74.00	-15.45	27.17	4.33	27.05	0.00	149	273	Peak	VERTICAL
2	2390.00	47.25	54.00	-6.75	15.87	4.33	27.05	0.00	149	273	Average	VERTICAL
3	2439.24	98.26			66.70	4.38	27.18	0.00	149	273	Average	VERTICAL
4	2442.77	107.78			76.22	4.38	27.18	0.00	149	273	Peak	VERTICAL
5	2483.50	59.45	74.00	-14.55	27.76	4.42	27.27	0.00	149	273	Peak	VERTICAL
6	2487.32	47.49	54.00	-6.51	15.80	4.42	27.27	0.00	149	273	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2456.87	97.27			65.67	4.39	27.21	0.00	106	214	Average	VERTICAL
2	2459.12	107.41			75.81	4.39	27.21	0.00	106	214	Peak	VERTICAL
3	2483.50	53.62	54.00	-0.38	21.93	4.42	27.27	0.00	106	214	Average	VERTICAL
4	2483.50	68.59	74.00	-5.41	36.90	4.42	27.27	0.00	106	214	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1, 6, 11 / Chain 1
Test Date	Apr. 19, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.89	70.38	74.00	-3.62	39.00	4.33	27.05	0.00	117	249	Peak	VERTICAL
2	2390.00	53.59	54.00	-0.41	22.21	4.33	27.05	0.00	117	249	Average	VERTICAL
3	2410.72	92.87			61.42	4.35	27.10	0.00	117	249	Average	VERTICAL
4	2416.33	109.00			77.54	4.35	27.11	0.00	117	249	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.56	67.11	74.00	-6.89	35.23	4.83	27.05	0.00	103	240	Peak	VERTICAL
2	2390.00	48.24	54.00	-5.76	16.36	4.83	27.05	0.00	103	240	Average	VERTICAL
3	2438.28	94.06			62.03	4.87	27.16	0.00	103	240	Average	VERTICAL
4	2439.24	109.88			77.82	4.88	27.18	0.00	103	240	Peak	VERTICAL
5	2483.50	69.06	74.00	-4.94	36.87	4.92	27.27	0.00	103	240	Peak	VERTICAL
6	2483.80	47.89	54.00	-6.11	15.70	4.92	27.27	0.00	103	240	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2460.72	93.63			61.51	4.90	27.22	0.00	125	255	Average	VERTICAL
2	2467.93	109.22			77.07	4.91	27.24	0.00	125	255	Peak	VERTICAL
3	2483.50	53.89	54.00	-0.11	21.70	4.92	27.27	0.00	125	255	Average	VERTICAL
4	2484.28	72.00	74.00	-2.00	39.81	4.92	27.27	0.00	125	255	Peak	VERTICAL

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

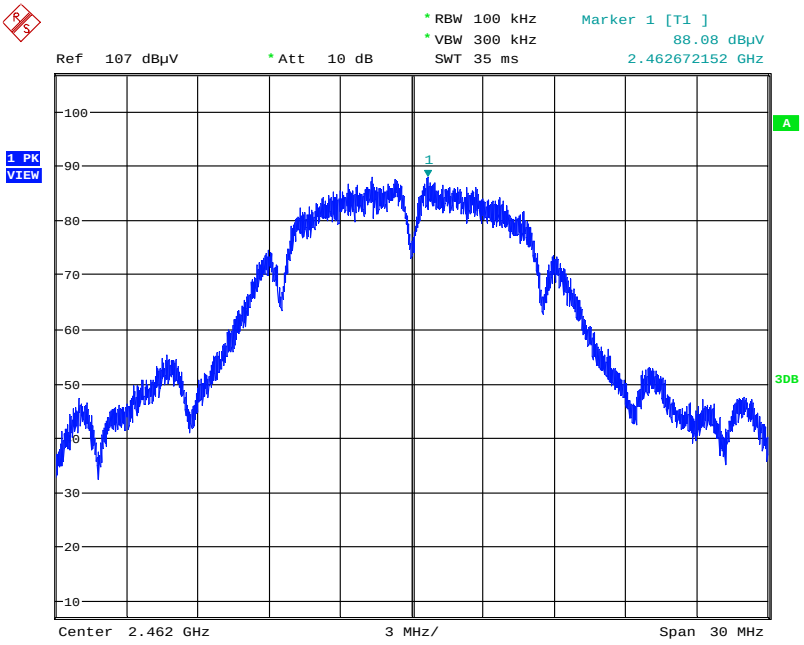
Note:

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

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

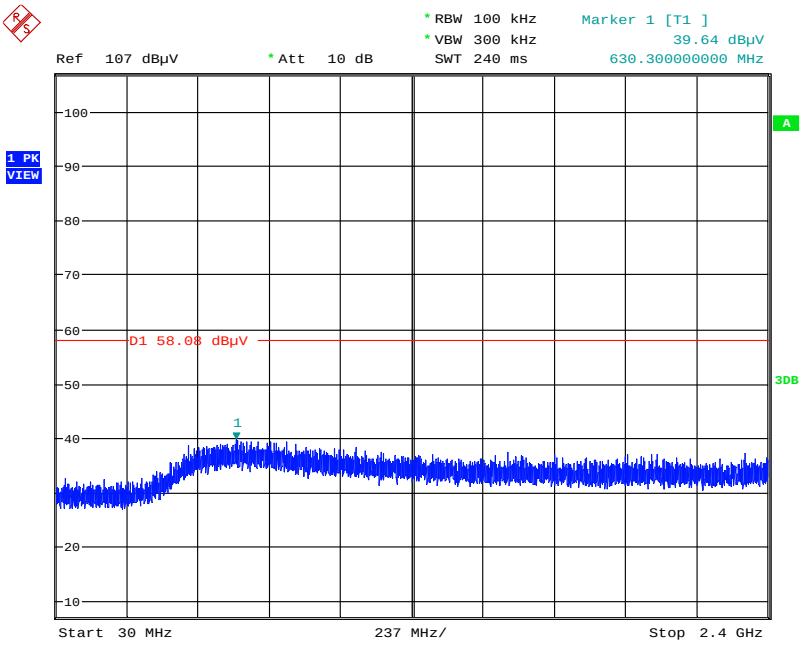
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11b / Reference Level



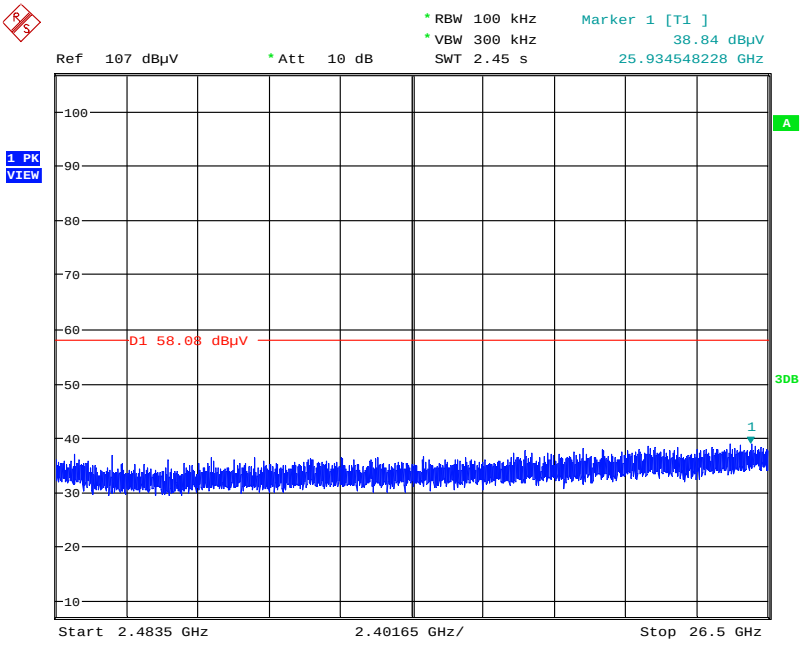
Date: 20.APR.2016 15:51:05

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



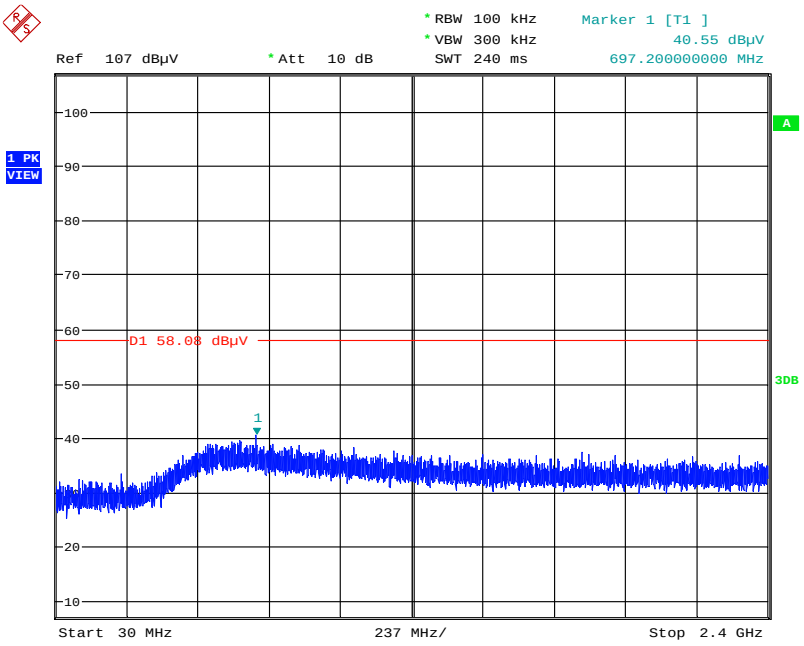
Date: 20.APR.2016 15:55:00

Plot on Configuration IEEE 802.11b / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



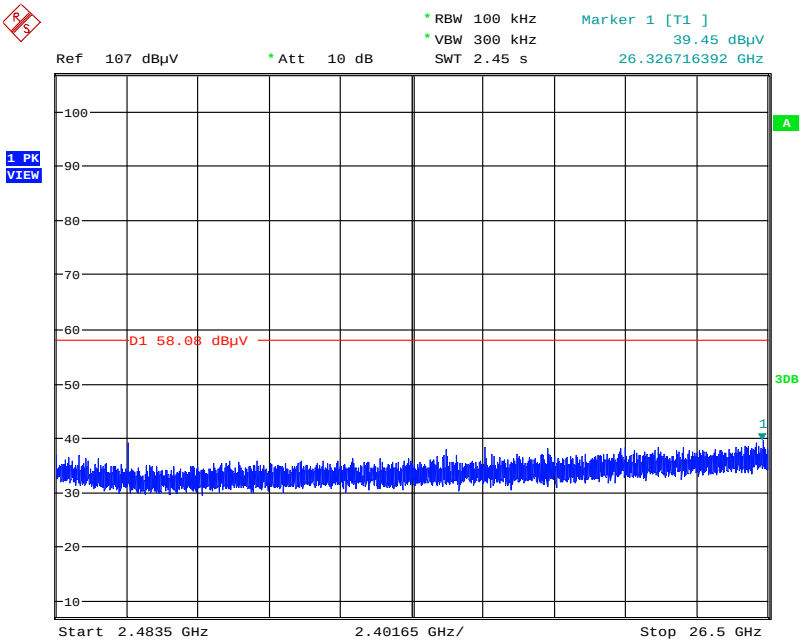
Date: 20.APR.2016 15:55:47

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



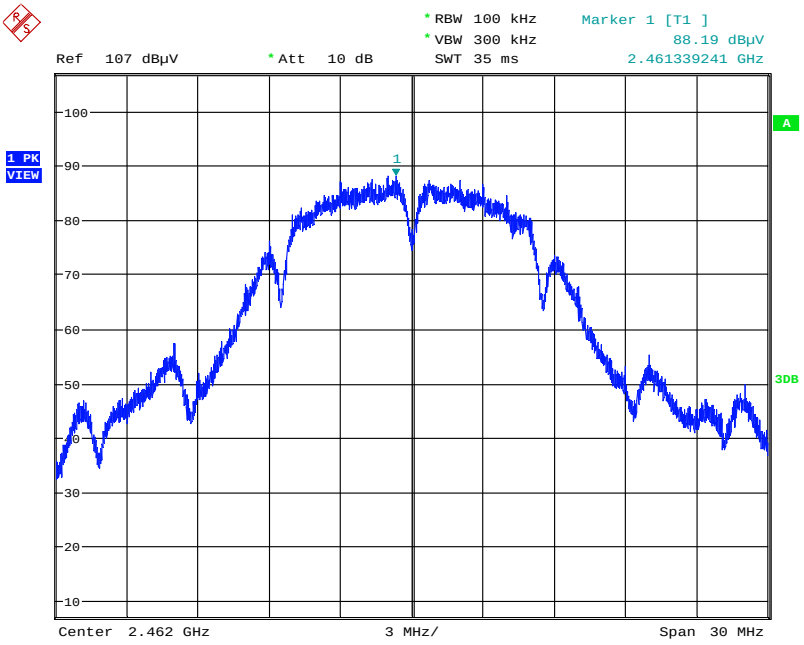
Date: 20.APR.2016 15:56:52

Plot on Configuration IEEE 802.11b / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



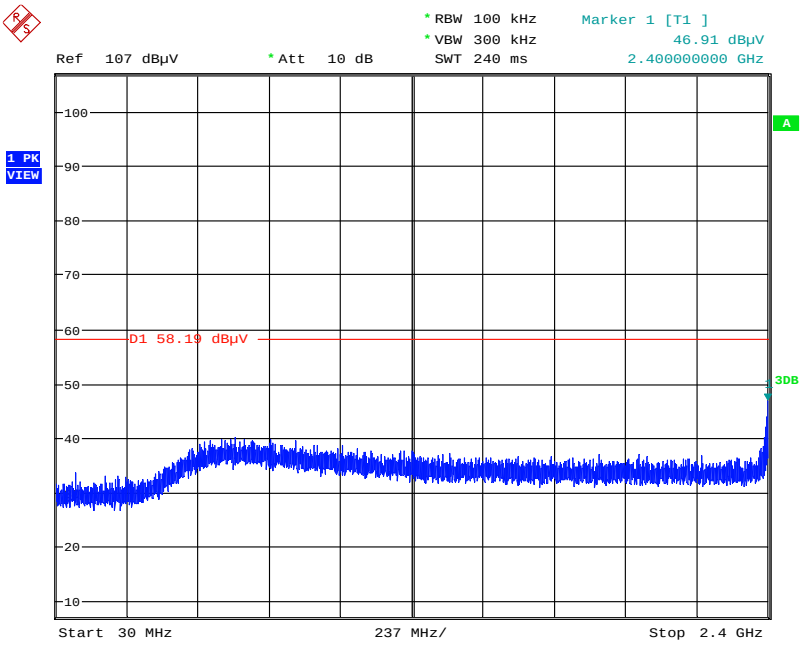
Date: 20.APR.2016 15:57:29

Plot on Configuration IEEE 802.11g / Reference Level



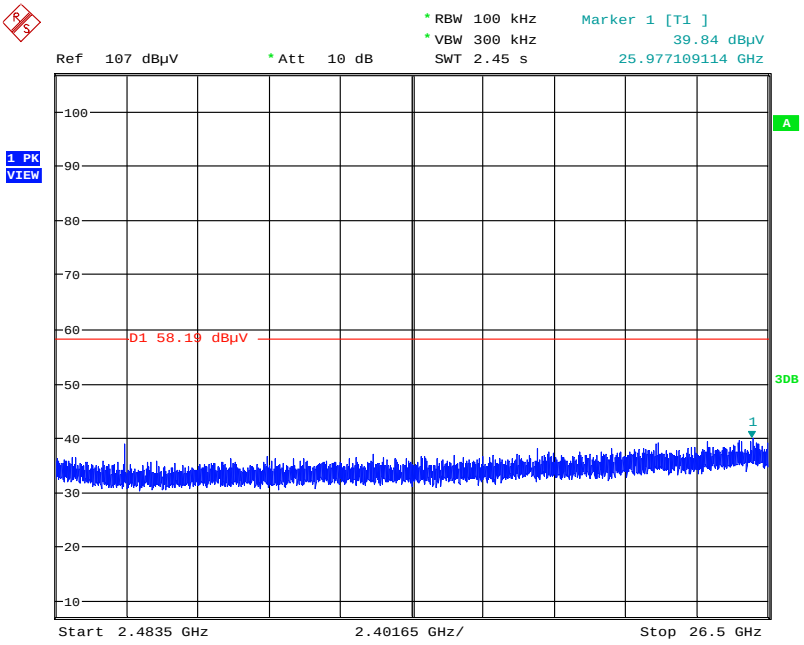
Date: 20.APR.2016 15:37:11

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



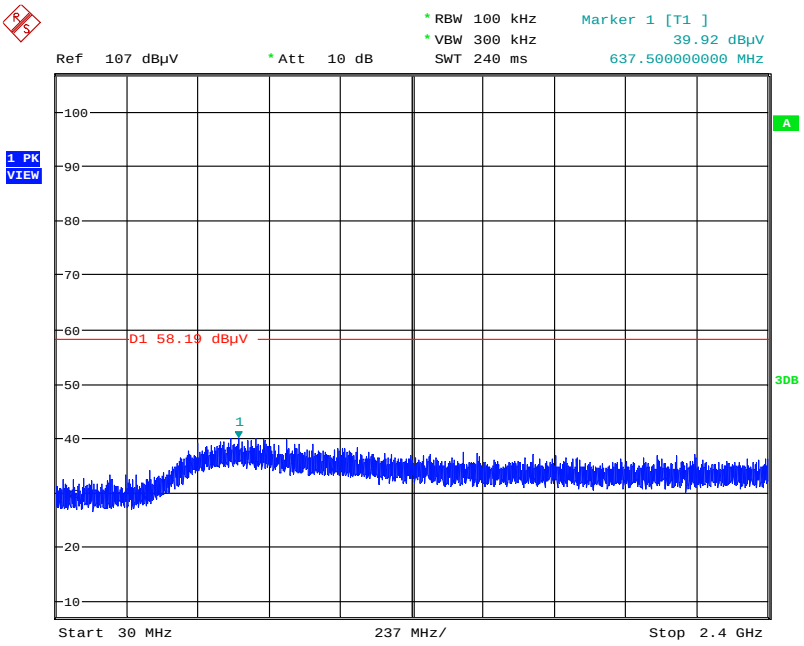
Date: 20.APR.2016 15:42:15

Plot on Configuration IEEE 802.11g / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



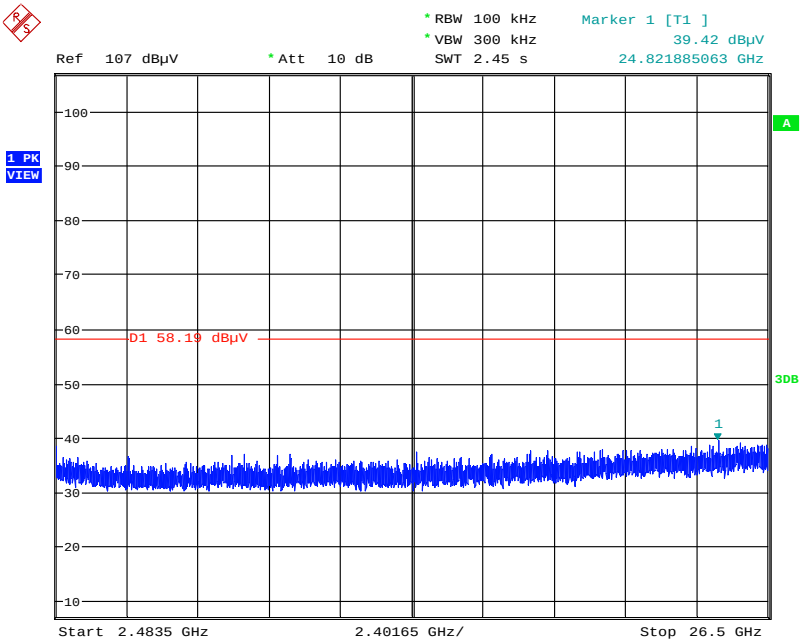
Date: 20.APR.2016 15:43:12

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



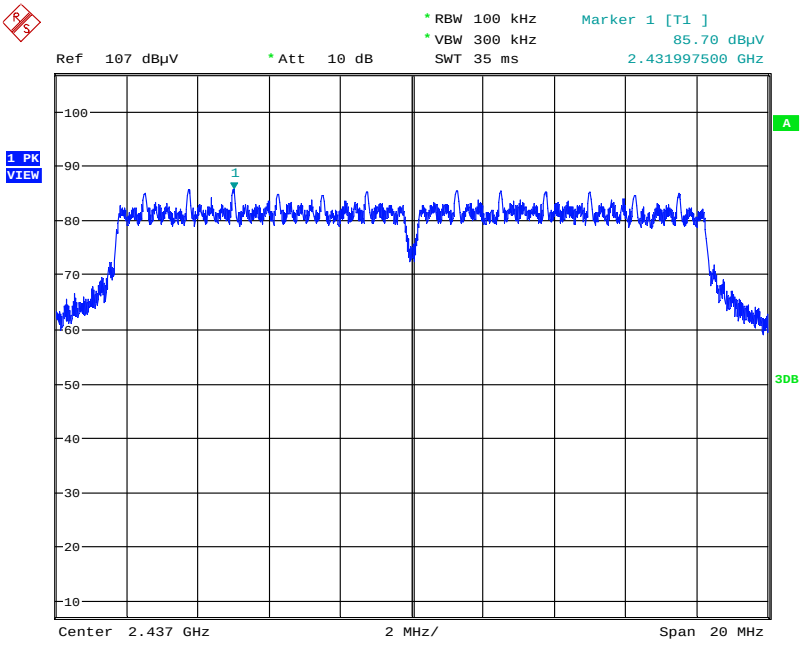
Date: 20.APR.2016 15:48:25

Plot on Configuration IEEE 802.11g / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



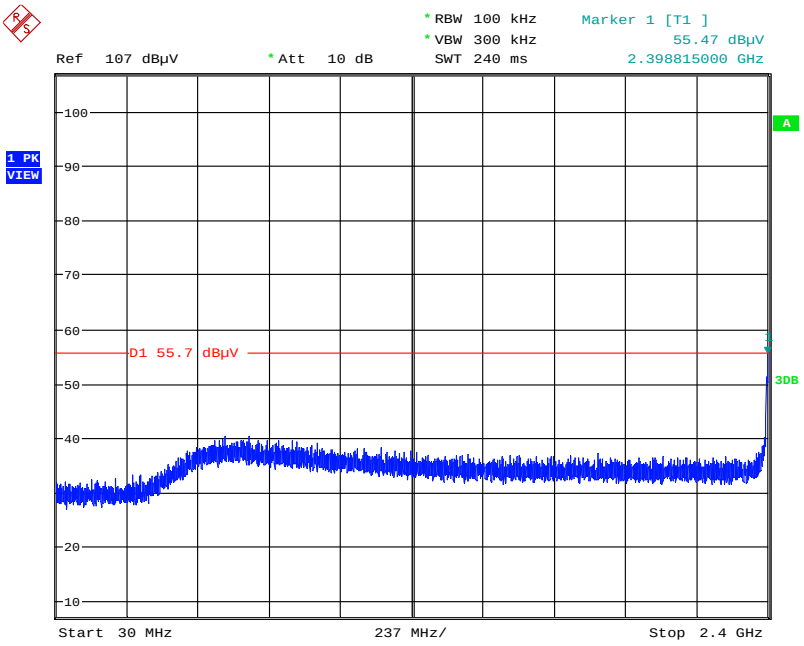
Date: 20.APR.2016 15:49:22

Plot on Configuration IEEE 802.11n MCS0 HT20 / Reference Level



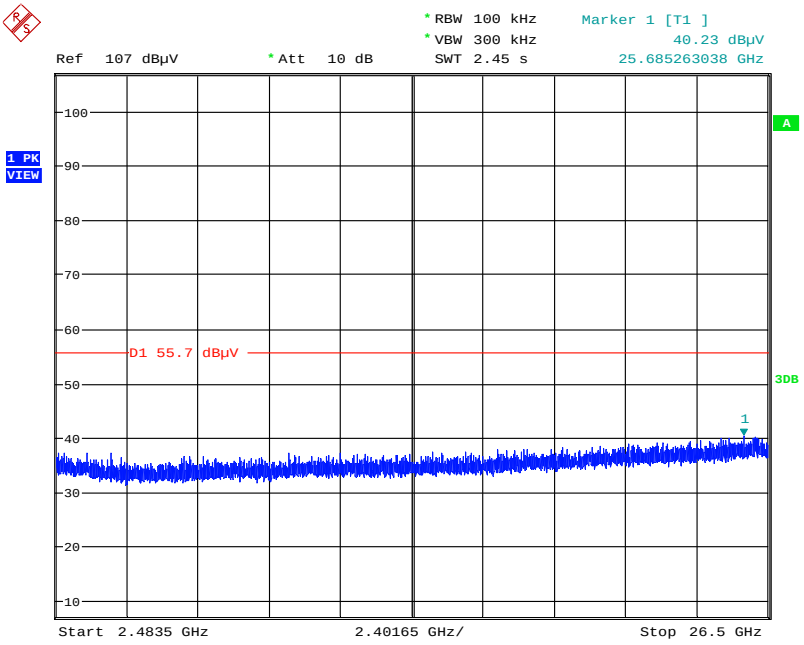
Date: 20.APR.2016 15:15:39

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



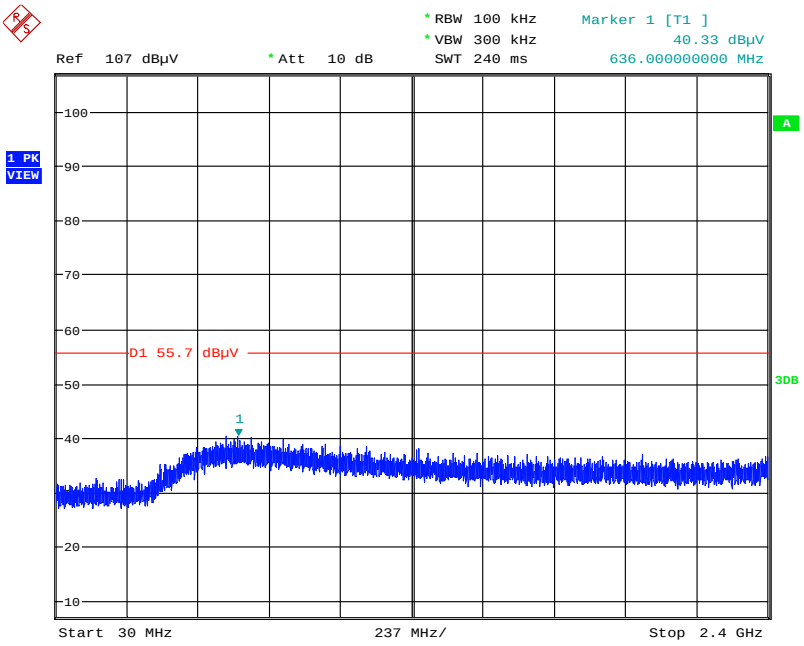
Date: 20.APR.2016 15:17:03

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



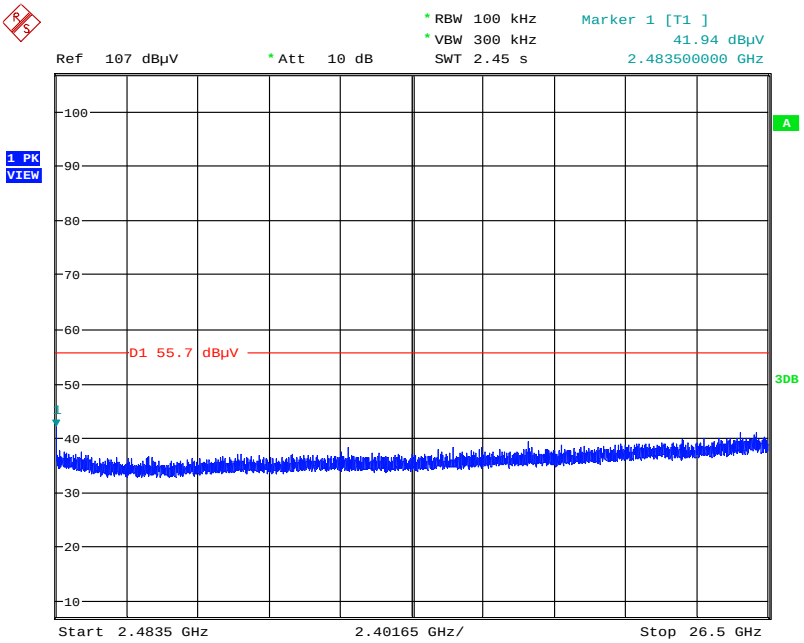
Date: 20.APR.2016 15:30:16

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



Date: 20.APR.2016 15:35:35

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



Date: 20.APR.2016 15:35:13

<Mode 3: Ant. 3 (Wire Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Date	Apr. 26, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.19	54.00	-5.81	15.09	5.20	27.90	0.00	231	0	Average	VERTICAL
2	2390.00	58.39	74.00	-15.61	25.29	5.20	27.90	0.00	231	0	Peak	VERTICAL
3	2412.00	98.13			65.01	5.24	27.88	0.00	231	0	Average	VERTICAL
4	2412.32	105.25			72.13	5.24	27.88	0.00	231	0	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.26	54.00	-5.74	15.16	5.20	27.90	0.00	278	214	Average	HORIZONTAL
2	2390.00	59.27	74.00	-14.73	26.17	5.20	27.90	0.00	278	214	Peak	HORIZONTAL
3	2436.68	101.64			68.51	5.27	27.86	0.00	278	214	Peak	HORIZONTAL
4	2437.00	94.45			61.32	5.27	27.86	0.00	278	214	Average	HORIZONTAL
5	2483.50	48.69	54.00	-5.31	15.54	5.34	27.81	0.00	278	214	Average	HORIZONTAL
6	2483.50	57.58	74.00	-16.42	24.43	5.34	27.81	0.00	278	214	Peak	HORIZONTAL

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	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2461.36	105.88			72.74	5.31	27.83	0.00	246	360	Peak	VERTICAL
2	2462.00	98.46			65.32	5.31	27.83	0.00	246	360	Average	VERTICAL
3	2483.50	48.79	54.00	-5.21	15.64	5.34	27.81	0.00	246	360	Average	VERTICAL
4	2484.92	61.56	74.00	-12.44	28.41	5.34	27.81	0.00	246	360	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Date	Apr. 26, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.53	54.00	-0.47	20.43	5.20	27.90	0.00	286	350	Average	VERTICAL
2	2390.00	73.24	74.00	-0.76	40.14	5.20	27.90	0.00	286	350	Peak	VERTICAL
3	2413.76	93.54			60.42	5.24	27.88	0.00	286	350	Average	VERTICAL
4	2415.05	103.95			70.83	5.24	27.88	0.00	286	350	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.30	54.00	-5.70	15.20	5.20	27.90	0.00	247	360	Average	VERTICAL
2	2390.00	58.13	74.00	-15.87	25.03	5.20	27.90	0.00	247	360	Peak	VERTICAL
3	2434.76	91.29			58.16	5.27	27.86	0.00	247	360	Average	VERTICAL
4	2439.89	100.94			67.81	5.28	27.85	0.00	247	360	Peak	VERTICAL
5	2483.50	48.49	54.00	-5.51	15.34	5.34	27.81	0.00	247	360	Average	VERTICAL
6	2483.50	57.99	74.00	-16.01	24.84	5.34	27.81	0.00	247	360	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2460.08	92.73			59.59	5.30	27.84	0.00	247	0	Average	VERTICAL
2	2465.21	103.13			69.99	5.31	27.83	0.00	247	0	Peak	VERTICAL
3	2483.50	52.98	54.00	-1.02	19.83	5.34	27.81	0.00	247	0	Average	VERTICAL
4	2483.96	68.59	74.00	-5.41	35.44	5.34	27.81	0.00	247	0	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1, 6, 11 / Chain 1
Test Date	Apr. 26, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.65	54.00	-0.35	20.55	5.20	27.90	0.00	286	0	Average	VERTICAL
2	2390.00	68.23	74.00	-5.77	35.13	5.20	27.90	0.00	286	0	Peak	VERTICAL
3	2413.92	93.86			60.74	5.24	27.88	0.00	286	0	Average	VERTICAL
4	2416.01	105.03			71.91	5.24	27.88	0.00	286	0	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.26	54.00	-5.74	15.16	5.20	27.90	0.00	225	1	Average	VERTICAL
2	2390.00	60.29	74.00	-13.71	27.19	5.20	27.90	0.00	225	1	Peak	VERTICAL
3	2435.72	101.49			68.36	5.27	27.86	0.00	225	1	Peak	VERTICAL
4	2436.04	91.82			58.69	5.27	27.86	0.00	225	1	Average	VERTICAL
5	2483.50	48.66	54.00	-5.34	15.51	5.34	27.81	0.00	225	1	Average	VERTICAL
6	2483.50	58.57	74.00	-15.43	25.42	5.34	27.81	0.00	225	1	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2458.64	102.92			69.78	5.30	27.84	0.00	245	2	Peak	VERTICAL
2	2459.92	92.64			59.50	5.30	27.84	0.00	245	2	Average	VERTICAL
3	2483.50	53.55	54.00	-0.45	20.40	5.34	27.81	0.00	245	2	Average	VERTICAL
4	2484.12	68.69	74.00	-5.31	35.54	5.34	27.81	0.00	245	2	Peak	VERTICAL

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

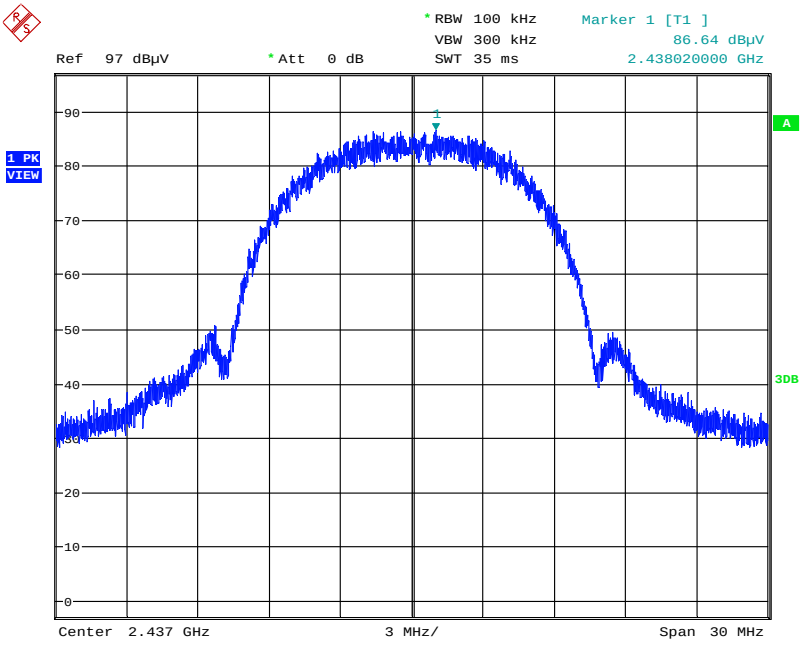
Note:

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

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

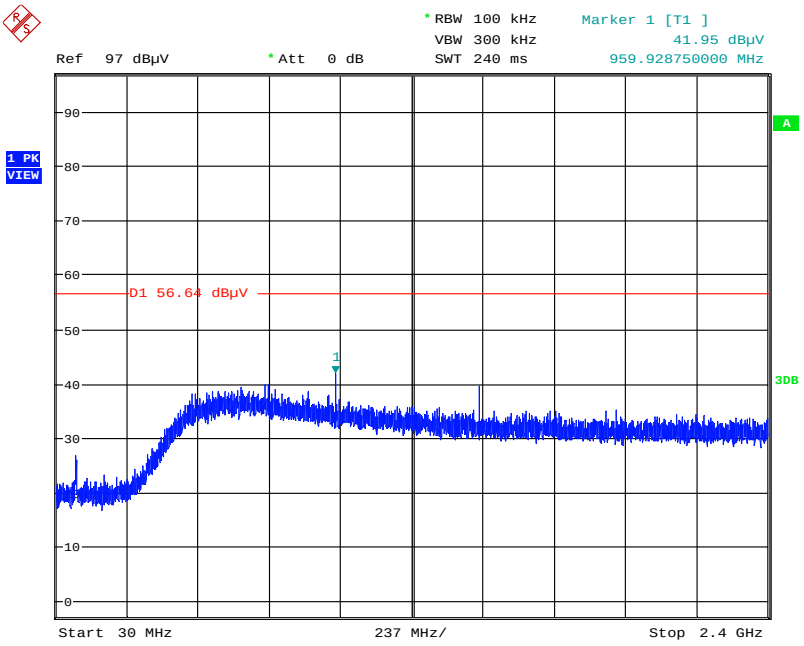
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11b / Reference Level



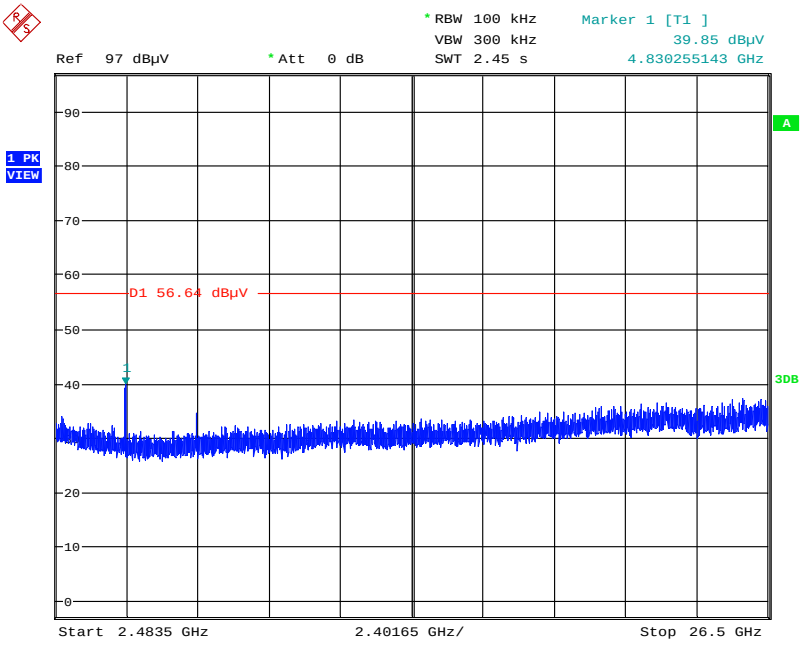
Date: 27.APR.2016 00:06:49

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



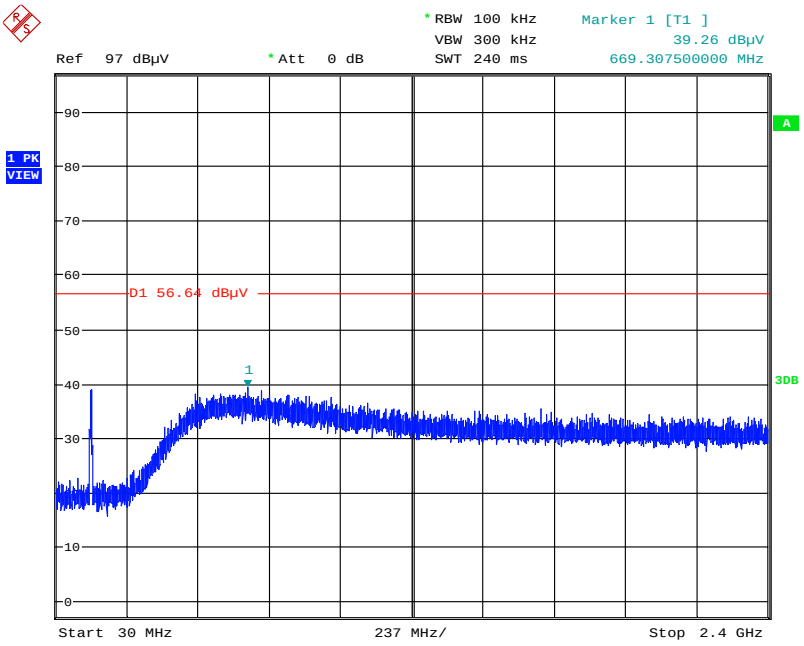
Date: 27.APR.2016 00:09:38

Plot on Configuration IEEE 802.11b / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



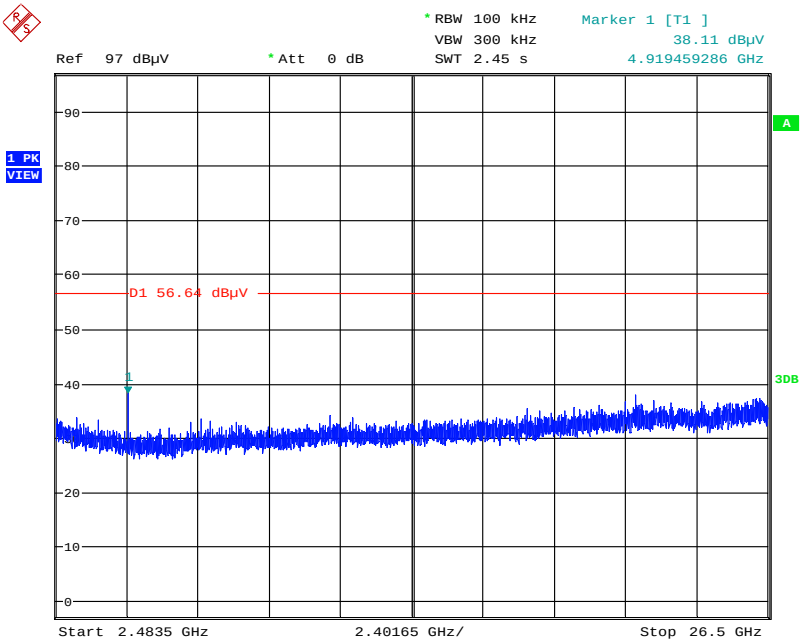
Date: 27.APR.2016 00:23:08

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



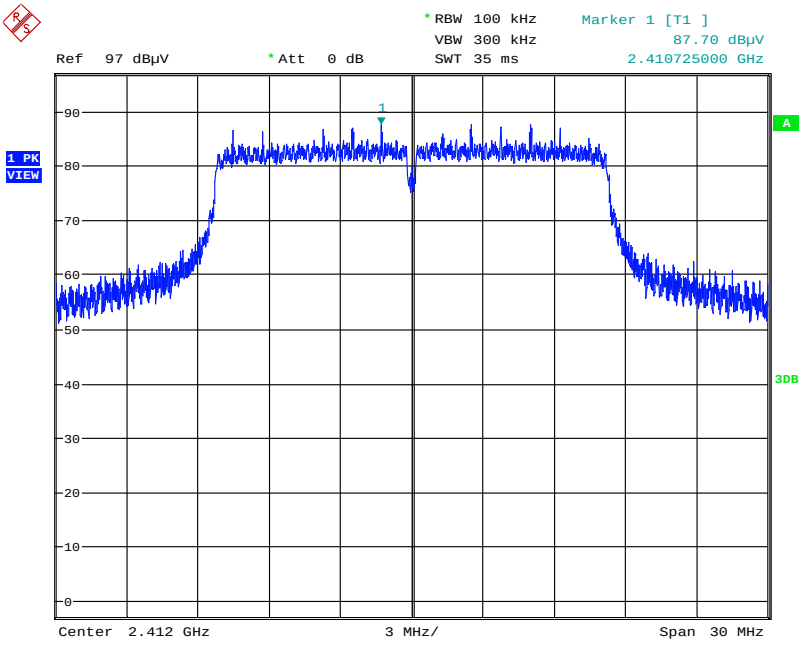
Date: 27.APR.2016 00:14:24

Plot on Configuration IEEE 802.11b / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



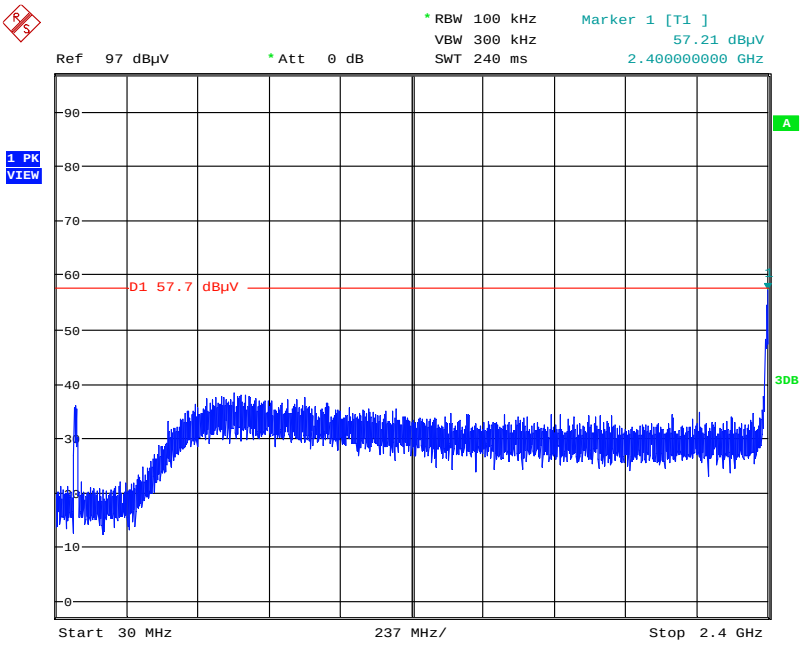
Date: 27.APR.2016 00:23:58

Plot on Configuration IEEE 802.11g / Reference Level



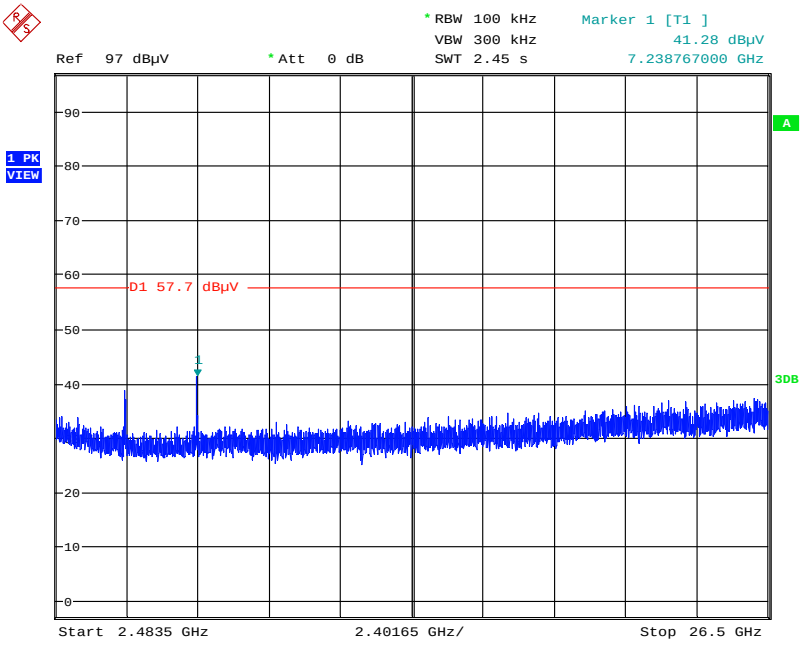
Date: 27.APR.2016 00:16:19

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



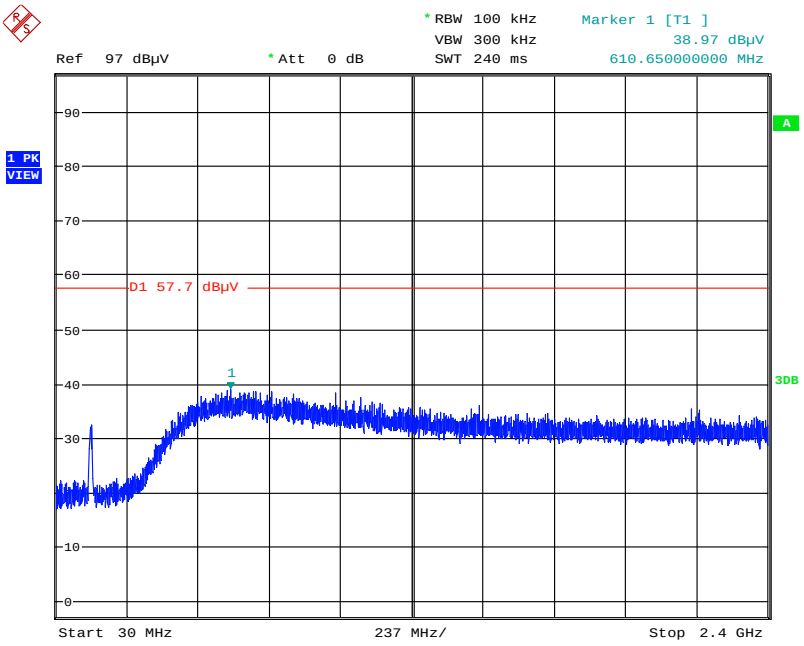
Date: 27.APR.2016 00:17:12

Plot on Configuration IEEE 802.11g / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



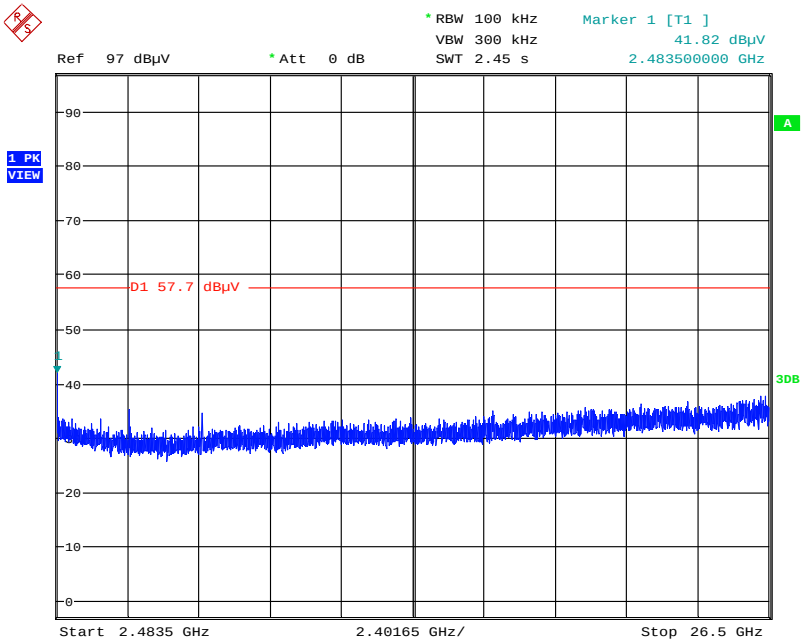
Date: 27.APR.2016 00:19:14

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



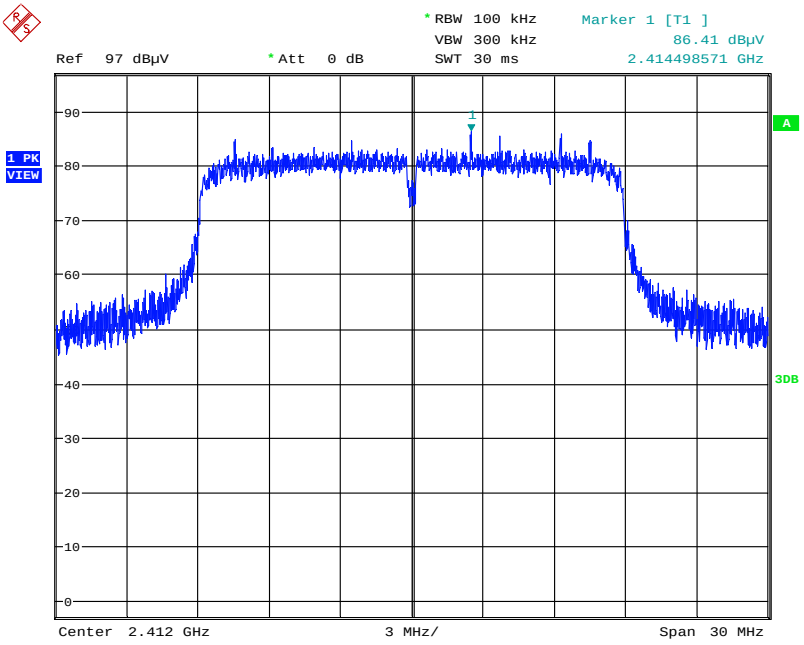
Date: 27.APR.2016 00:20:58

Plot on Configuration IEEE 802.11g / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



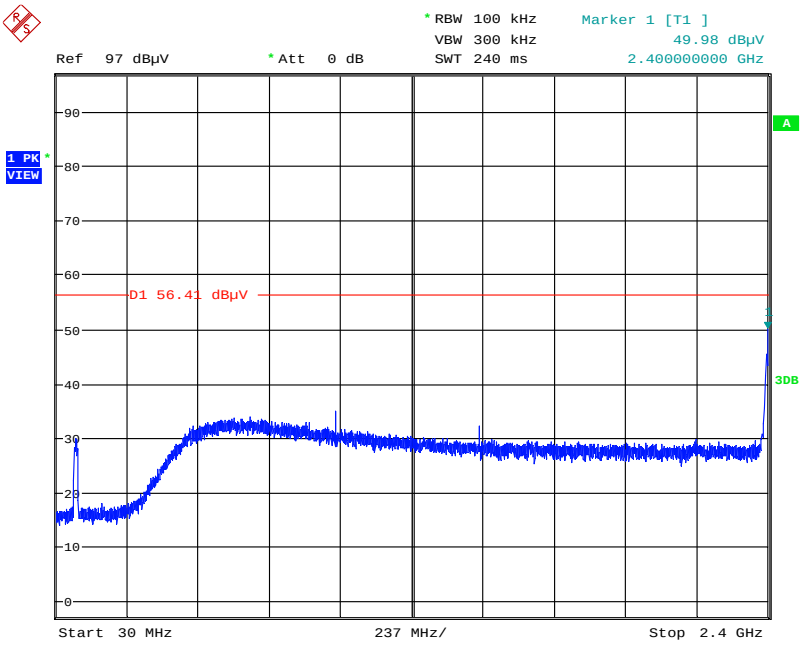
Date: 27.APR.2016 00:20:36

Plot on Configuration IEEE 802.11n MCS0 HT20 / Reference Level



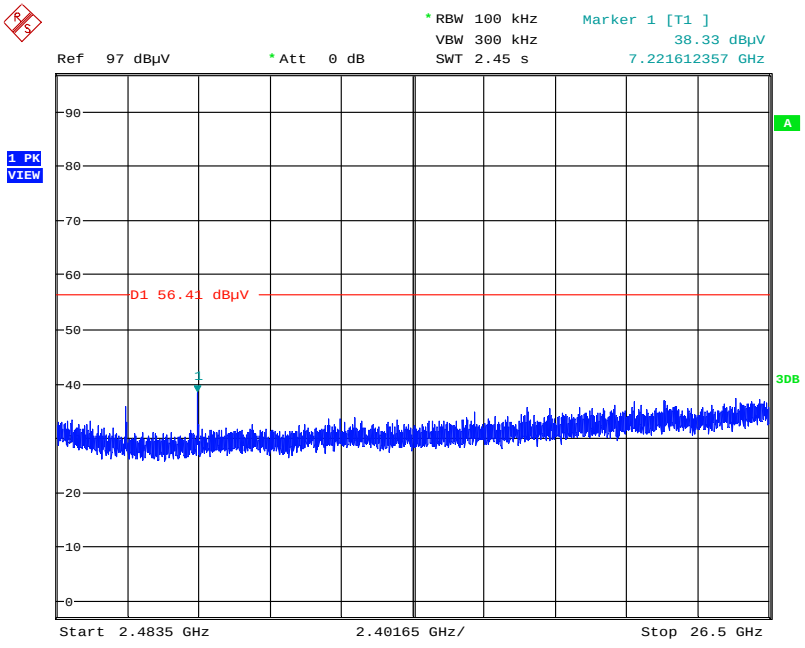
Date: 27.APR.2016 00:26:29

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



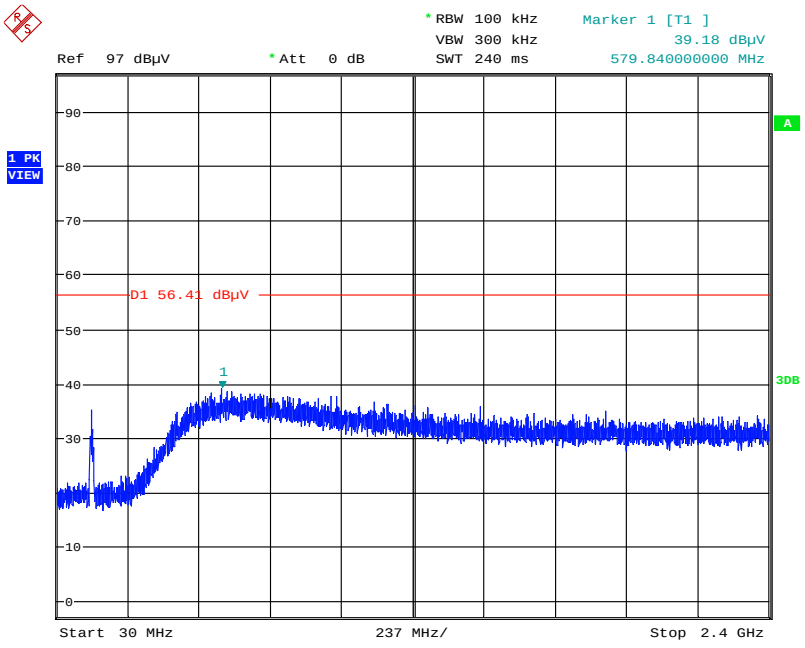
Date: 27.APR.2016 00:27:29

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



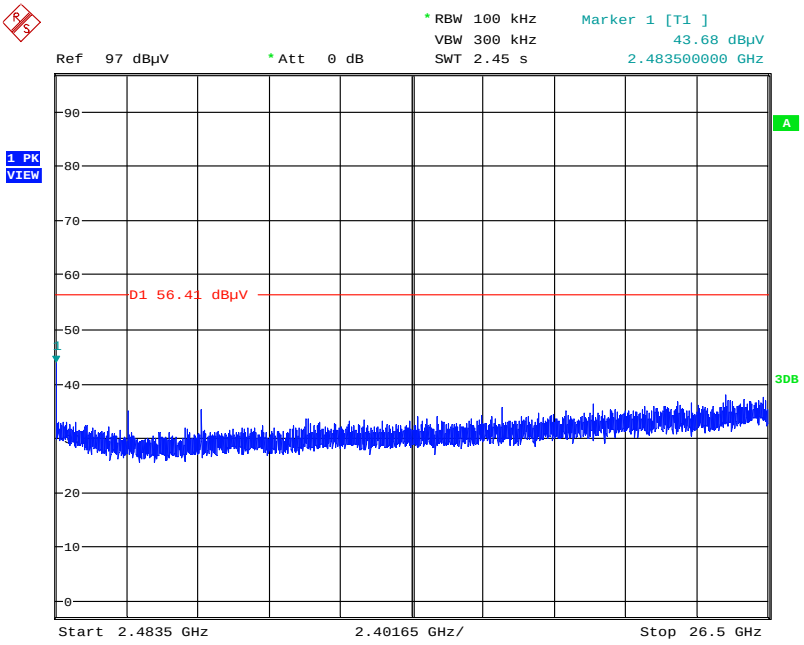
Date: 27.APR.2016 00:28:04

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



Date: 27.APR.2016 00:29:04

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



Date: 27.APR.2016 00:28:41

<Mode 4: Ant. 4 (Dipole Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Date	Apr. 20, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2388.40	57.21	74.00	-16.79	25.83	4.33	27.05	0.00	100	66	Peak	VERTICAL
2	2389.56	46.40	54.00	-7.60	15.02	4.33	27.05	0.00	100	66	Average	VERTICAL
3	2412.00	94.52			63.06	4.35	27.11	0.00	100	66	Average	VERTICAL
4	2412.32	102.54			71.08	4.35	27.11	0.00	100	66	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.68	57.60	74.00	-16.40	26.22	4.33	27.05	0.00	259	76	Peak	VERTICAL
2	2390.00	46.21	54.00	-7.79	14.83	4.33	27.05	0.00	259	76	Average	VERTICAL
3	2437.00	94.16			62.63	4.37	27.16	0.00	259	76	Average	VERTICAL
4	2437.64	101.91			70.38	4.37	27.16	0.00	259	76	Peak	VERTICAL
5	2483.50	46.86	54.00	-7.14	15.17	4.42	27.27	0.00	259	76	Average	VERTICAL
6	2484.46	58.19	74.00	-15.81	26.50	4.42	27.27	0.00	259	76	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2462.00	95.26			63.64	4.40	27.22	0.00	259	71	Average	VERTICAL
2	2462.32	102.46			70.84	4.40	27.22	0.00	259	71	Peak	VERTICAL
3	2483.50	47.31	54.00	-6.69	15.62	4.42	27.27	0.00	259	71	Average	VERTICAL
4	2485.42	58.01	74.00	-15.99	26.32	4.42	27.27	0.00	259	71	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Date	Apr. 20, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2385.40	58.90	74.00	-15.10	27.52	4.33	27.05	0.00	271	69	Peak	VERTICAL
2	2390.00	47.14	54.00	-6.86	15.76	4.33	27.05	0.00	271	69	Average	VERTICAL
3	2411.04	94.16			62.71	4.35	27.10	0.00	271	69	Average	VERTICAL
4	2415.85	104.53			73.07	4.35	27.11	0.00	271	69	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2386.80	58.60	74.00	-15.40	27.22	4.33	27.05	0.00	263	72	Peak	VERTICAL
2	2390.00	46.33	54.00	-7.67	14.95	4.33	27.05	0.00	263	72	Average	VERTICAL
3	2438.60	95.08			63.55	4.37	27.16	0.00	263	72	Average	VERTICAL
4	2440.21	105.95			74.39	4.38	27.18	0.00	263	72	Peak	VERTICAL
5	2483.50	47.02	54.00	-6.98	15.33	4.42	27.27	0.00	263	72	Average	VERTICAL
6	2489.59	59.80	74.00	-14.20	28.09	4.43	27.28	0.00	263	72	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2458.80	105.49			73.89	4.39	27.21	0.00	257	70	Peak	VERTICAL
2	2466.49	95.12			63.50	4.40	27.22	0.00	257	70	Average	VERTICAL
3	2483.50	48.35	54.00	-5.65	16.66	4.42	27.27	0.00	257	70	Average	VERTICAL
4	2484.14	61.30	74.00	-12.70	29.61	4.42	27.27	0.00	257	70	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1, 6, 11 / Chain 1
Test Date	Apr. 20, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2389.36	60.47	74.00	-13.53	29.09	4.33	27.05	0.00	269	69	Peak	VERTICAL
2	2390.00	47.50	54.00	-6.50	16.12	4.33	27.05	0.00	269	69	Average	VERTICAL
3	2410.40	94.35			62.90	4.35	27.10	0.00	269	69	Average	VERTICAL
4	2413.92	105.48			74.02	4.35	27.11	0.00	269	69	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2378.99	58.79	74.00	-15.21	27.43	4.32	27.04	0.00	263	69	Peak	VERTICAL
2	2390.00	46.30	54.00	-7.70	14.92	4.33	27.05	0.00	263	69	Average	VERTICAL
3	2436.36	106.42			74.89	4.37	27.16	0.00	263	69	Peak	VERTICAL
4	2438.92	95.23			63.70	4.37	27.16	0.00	263	69	Average	VERTICAL
5	2483.50	46.97	54.00	-7.03	15.28	4.42	27.27	0.00	263	69	Average	VERTICAL
6	2484.46	58.54	74.00	-15.46	26.85	4.42	27.27	0.00	263	69	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2467.13	95.37			63.75	4.40	27.22	0.00	258	70	Average	VERTICAL
2	2467.77	106.26			74.61	4.41	27.24	0.00	258	70	Peak	VERTICAL
3	2483.50	49.20	54.00	-4.80	17.51	4.42	27.27	0.00	258	70	Average	VERTICAL
4	2483.50	62.21	74.00	-11.79	30.52	4.42	27.27	0.00	258	70	Peak	VERTICAL

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

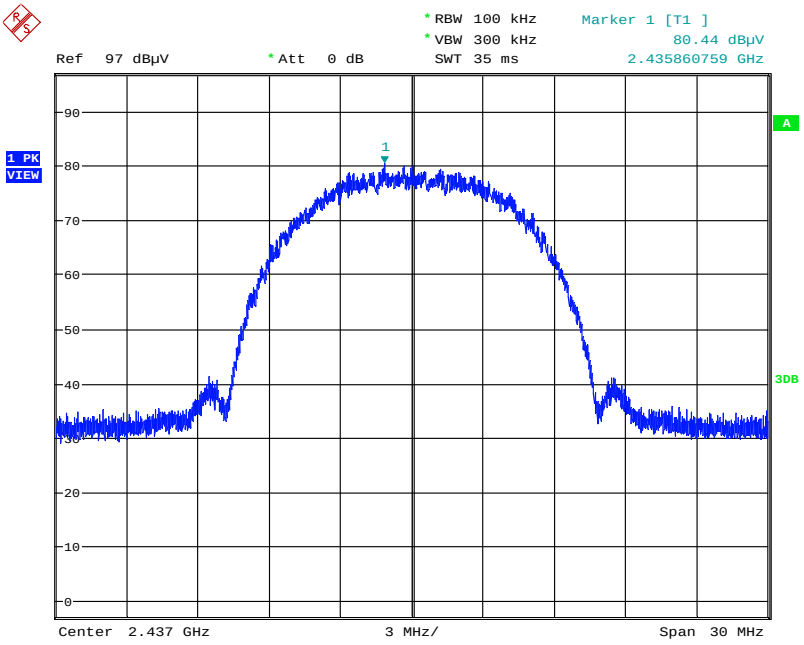
Note:

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

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

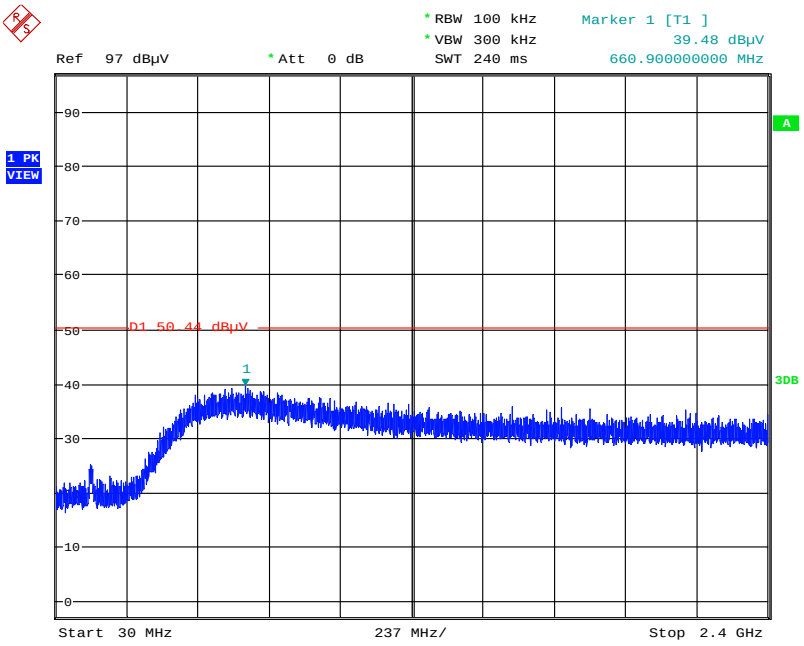
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11b / Reference Level



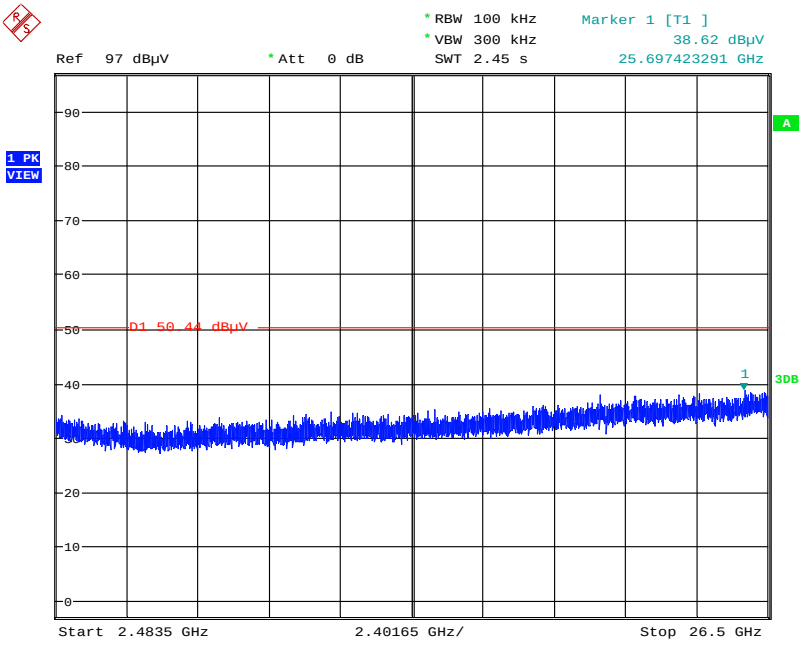
Date: 21.APR.2016 00:43:33

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



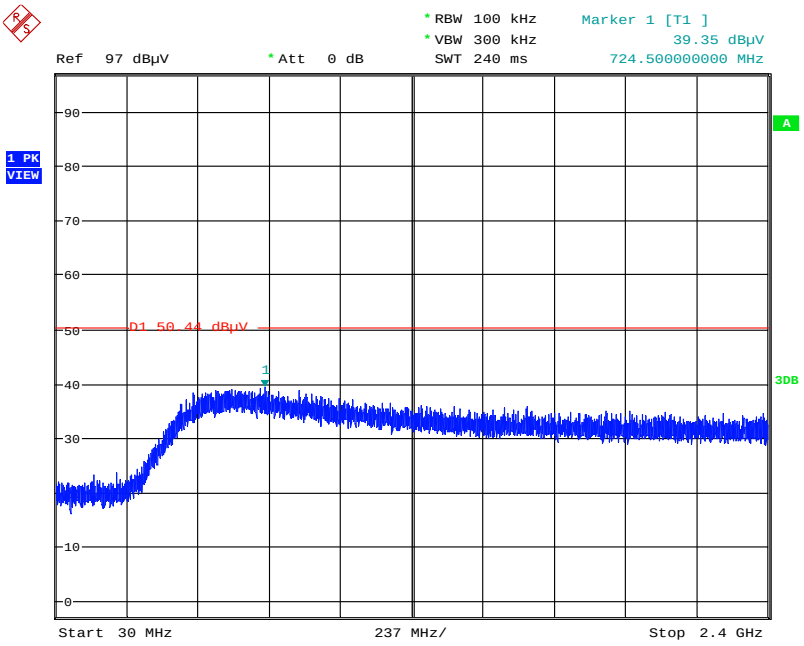
Date: 21.APR.2016 00:58:15

Plot on Configuration IEEE 802.11b / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



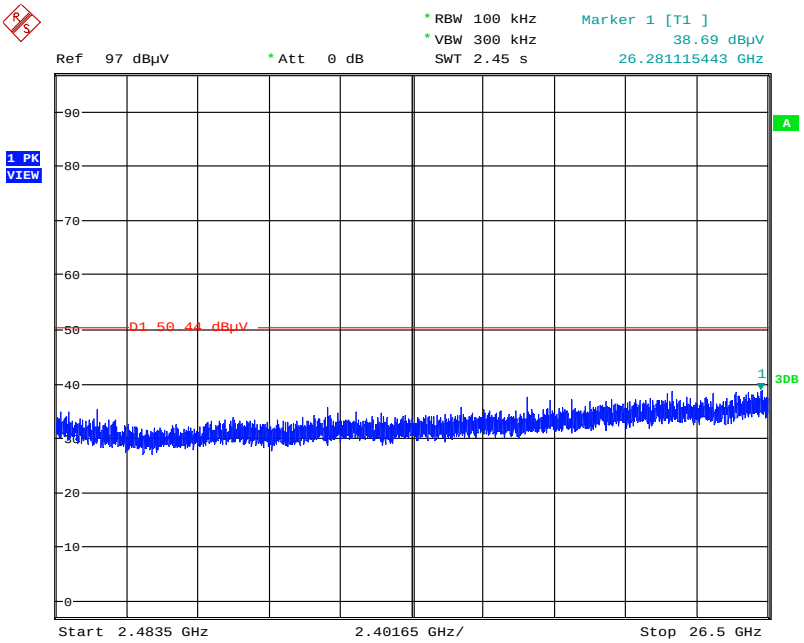
Date: 21.APR.2016 00:45:09

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

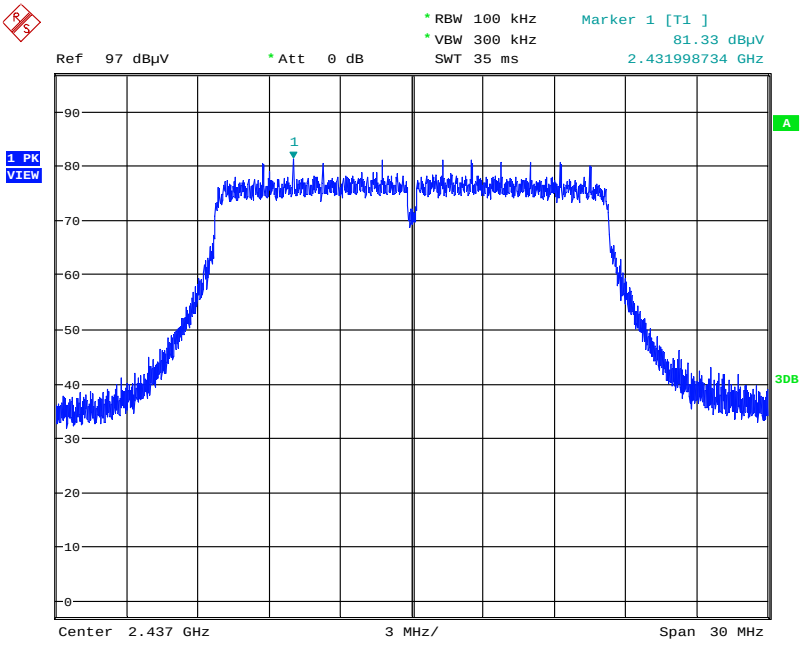


Date: 21.APR.2016 00:45:43

Plot on Configuration IEEE 802.11b / CH 11 / 2483.5MHz~26500MHz (down 30dBc)

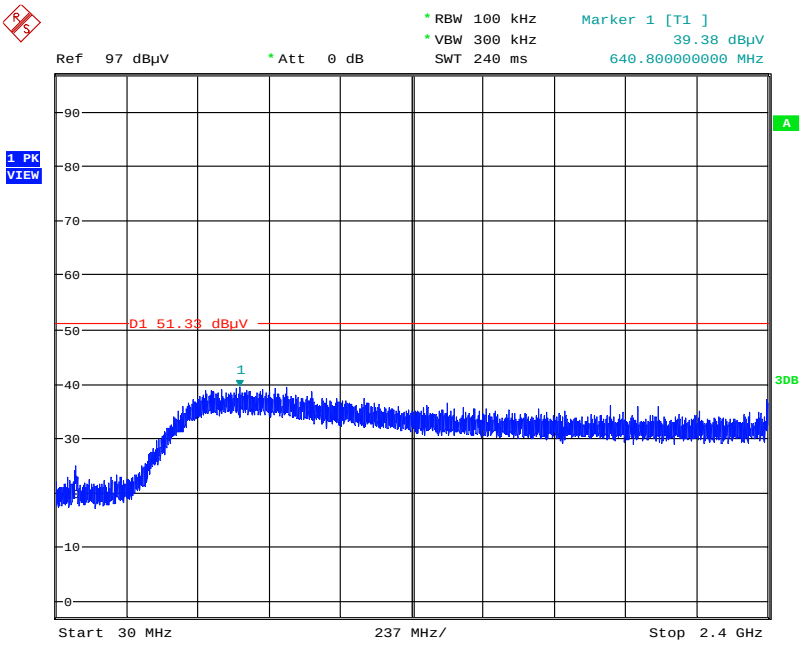


Plot on Configuration IEEE 802.11g / Reference Level



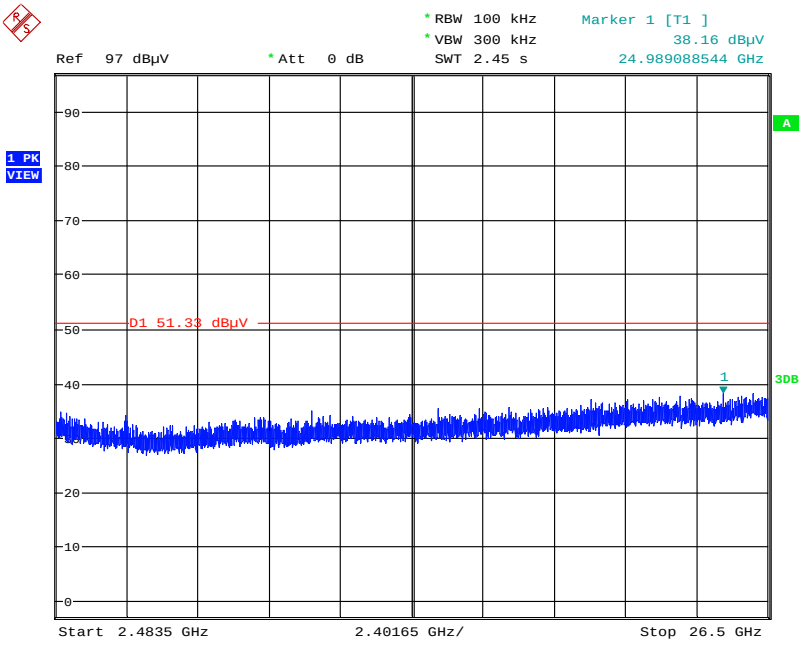
Date: 21.APR.2016 00:49:45

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



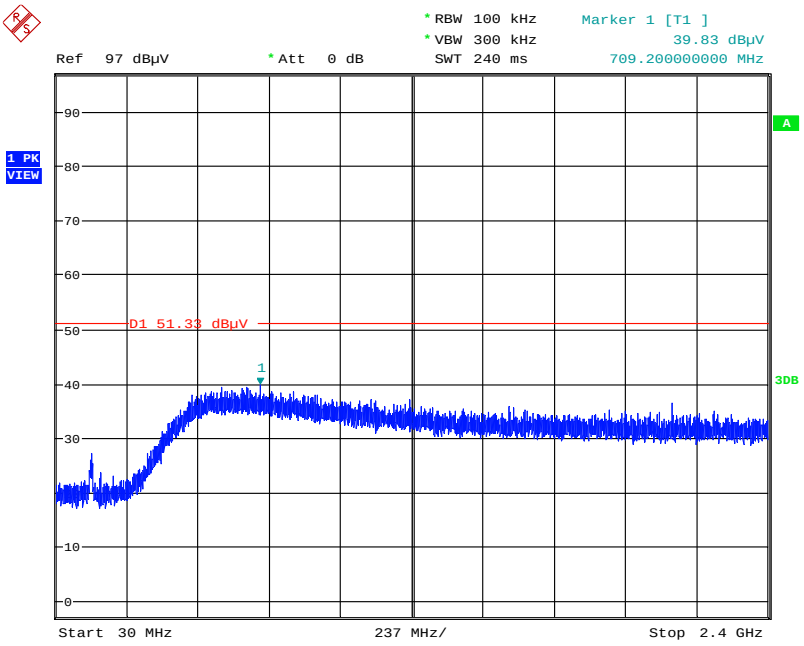
Date: 21.APR.2016 00:50:24

Plot on Configuration IEEE 802.11g / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



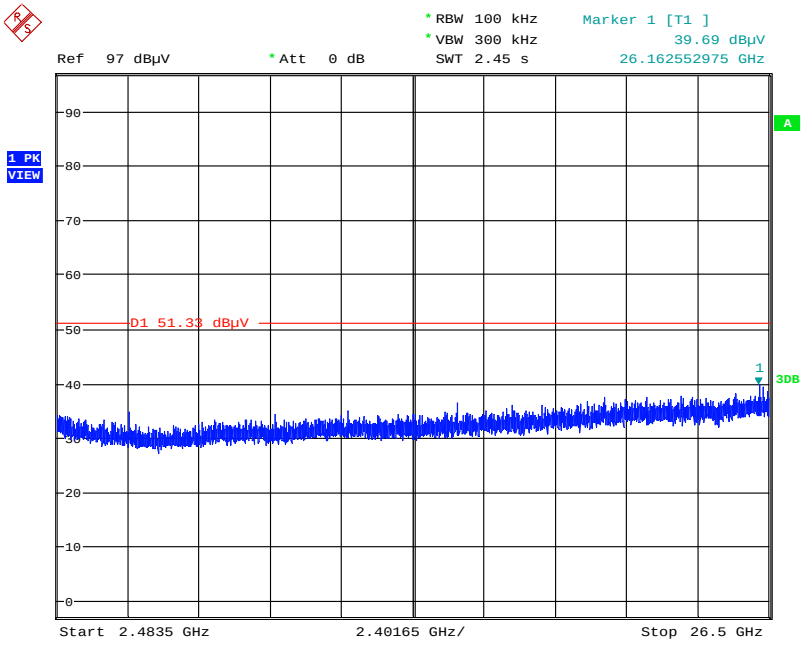
Date: 21.APR.2016 00:50:47

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



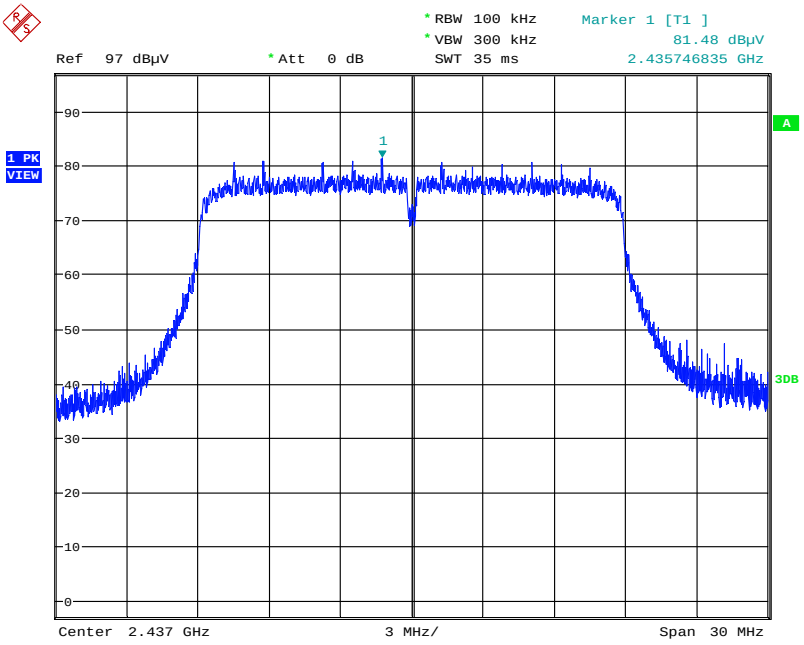
Date: 21.APR.2016 00:51:20

Plot on Configuration IEEE 802.11g / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



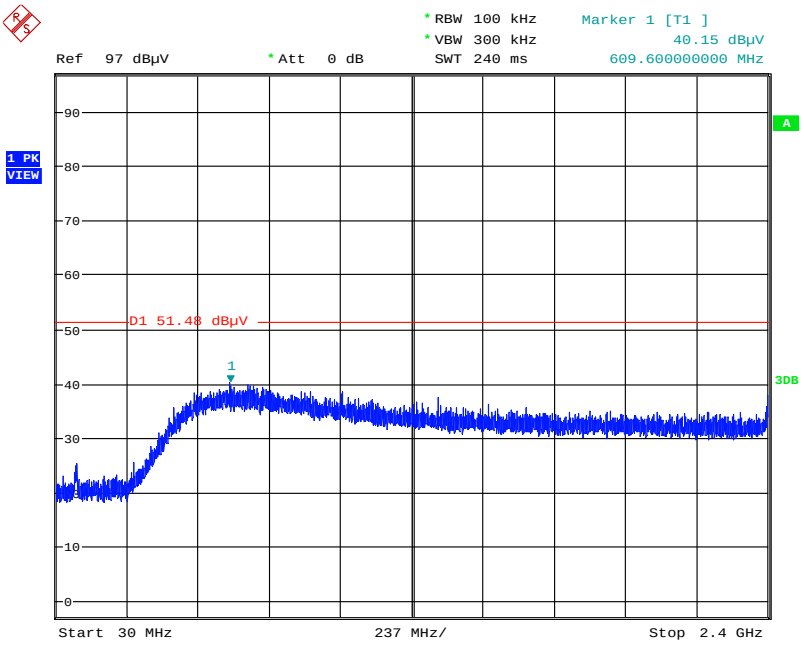
Date: 21.APR.2016 00:51:49

Plot on Configuration IEEE 802.11n MCS0 HT20 / Reference Level



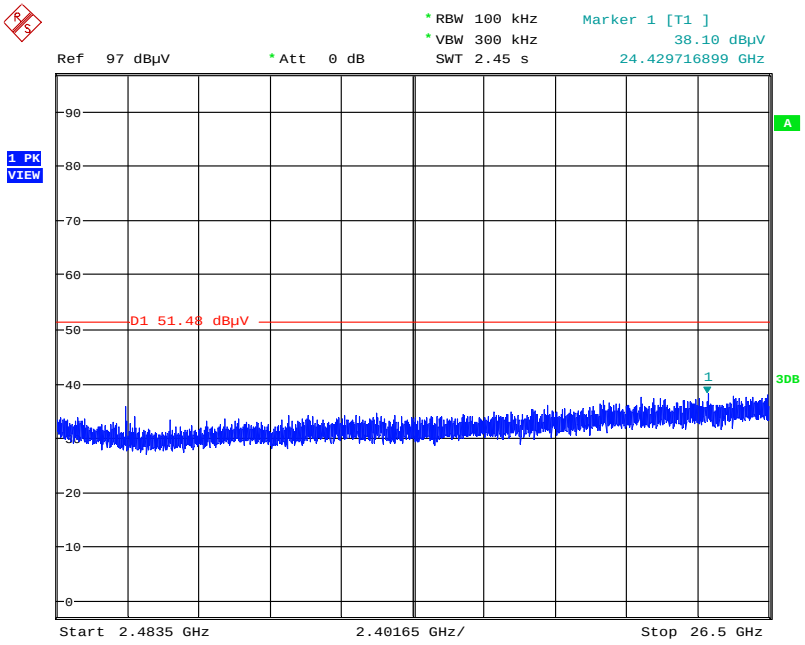
Date: 21.APR.2016 00:52:50

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



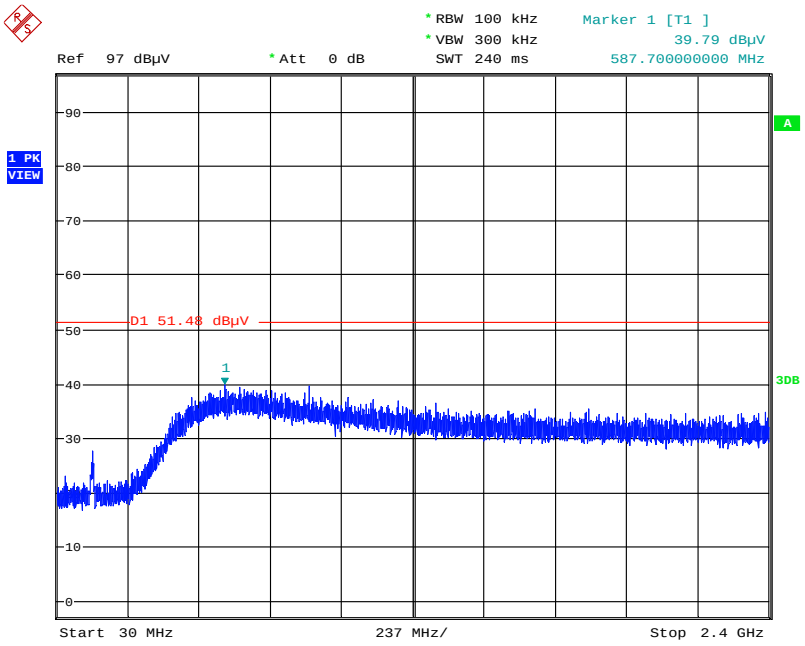
Date: 21.APR.2016 00:53:32

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



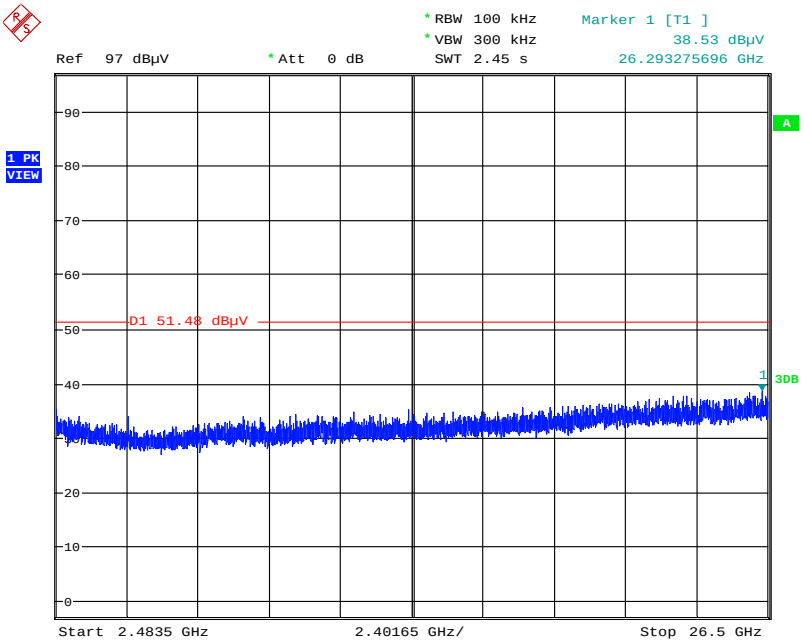
Date: 21.APR.2016 00:53:54

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



Date: 21.APR.2016 00:54:19

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



Date: 21.APR.2016 00:54:54

<Mode 5: Ant. 6 (Chip Ant.)>

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Date	Apr. 27, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.22	54.00	-5.78	15.12	5.20	27.90	0.00	221	231	Average	HORIZONTAL
2	2390.00	58.17	74.00	-15.83	25.07	5.20	27.90	0.00	221	231	Peak	HORIZONTAL
3	2412.32	104.24			71.12	5.24	27.88	0.00	221	231	Peak	HORIZONTAL
4	2413.12	96.97			63.85	5.24	27.88	0.00	221	231	Average	HORIZONTAL

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	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.48	54.00	-5.52	15.38	5.20	27.90	0.00	299	206	Average	VERTICAL
2	2390.00	59.04	74.00	-14.96	25.94	5.20	27.90	0.00	299	206	Peak	VERTICAL
3	2437.00	101.75			68.62	5.27	27.86	0.00	299	206	Average	VERTICAL
4	2437.32	108.91			75.78	5.27	27.86	0.00	299	206	Peak	VERTICAL
5	2483.50	48.70	54.00	-5.30	15.55	5.34	27.81	0.00	299	206	Average	VERTICAL
6	2483.50	59.11	74.00	-14.89	25.96	5.34	27.81	0.00	299	206	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2459.28	109.87			76.73	5.30	27.84	0.00	300	186	Peak	VERTICAL
2	2460.88	102.62			69.48	5.31	27.83	0.00	300	186	Average	VERTICAL
3	2483.50	48.79	54.00	-5.21	15.64	5.34	27.81	0.00	300	186	Average	VERTICAL
4	2483.50	58.91	74.00	-15.09	25.76	5.34	27.81	0.00	300	186	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Date	Apr. 27, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.78	54.00	-0.22	20.68	5.20	27.90	0.00	282	205	Average	VERTICAL
2	2390.00	72.23	74.00	-1.77	39.13	5.20	27.90	0.00	282	205	Peak	VERTICAL
3	2413.92	99.02			65.90	5.24	27.88	0.00	282	205	Average	VERTICAL
4	2416.49	109.98			76.86	5.24	27.88	0.00	282	205	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.98	54.00	-5.02	15.88	5.20	27.90	0.00	300	183	Average	VERTICAL
2	2390.00	58.21	74.00	-15.79	25.11	5.20	27.90	0.00	300	183	Peak	VERTICAL
3	2434.76	98.78			65.65	5.27	27.86	0.00	300	183	Average	VERTICAL
4	2434.76	108.94			75.81	5.27	27.86	0.00	300	183	Peak	VERTICAL
5	2483.50	48.67	54.00	-5.33	15.52	5.34	27.81	0.00	300	183	Average	VERTICAL
6	2483.50	58.91	74.00	-15.09	25.76	5.34	27.81	0.00	300	183	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2457.67	96.80			63.66	5.30	27.84	0.00	300	318	Average	VERTICAL
2	2461.84	107.12			73.98	5.31	27.83	0.00	300	318	Peak	VERTICAL
3	2483.50	51.53	54.00	-2.47	18.38	5.34	27.81	0.00	300	318	Average	VERTICAL
4	2483.50	65.37	74.00	-8.63	32.22	5.34	27.81	0.00	300	318	Peak	VERTICAL

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

Temperature	27°C	Humidity	58%
Test Engineer	Peter Wu	Configurations	IEEE 802.11n MCS0 HT20 CH 1, 6, 11 / Chain 1
Test Date	Apr. 27, 2016		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	53.68	54.00	-0.32	20.58	5.20	27.90	0.00	300	360	Average	VERTICAL
2	2390.00	70.96	74.00	-3.04	37.86	5.20	27.90	0.00	300	360	Peak	VERTICAL
3	2415.21	98.37			65.25	5.24	27.88	0.00	300	360	Average	VERTICAL
4	2415.37	108.12			75.00	5.24	27.88	0.00	300	360	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2390.00	48.79	54.00	-5.21	15.69	5.20	27.90	0.00	300	182	Average	VERTICAL
2	2390.00	58.95	74.00	-15.05	25.85	5.20	27.90	0.00	300	182	Peak	VERTICAL
3	2431.55	108.67			75.55	5.26	27.86	0.00	300	182	Peak	VERTICAL
4	2436.04	98.82			65.69	5.27	27.86	0.00	300	182	Average	VERTICAL
5	2483.50	48.81	54.00	-5.19	15.66	5.34	27.81	0.00	300	182	Average	VERTICAL
6	2483.50	58.54	74.00	-15.46	25.39	5.34	27.81	0.00	300	182	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	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	2458.31	99.01			65.87	5.30	27.84	0.00	300	182	Average	VERTICAL
2	2458.31	108.91			75.77	5.30	27.84	0.00	300	182	Peak	VERTICAL
3	2483.50	51.96	54.00	-2.04	18.81	5.34	27.81	0.00	300	182	Average	VERTICAL
4	2483.64	67.70	74.00	-6.30	34.55	5.34	27.81	0.00	300	182	Peak	VERTICAL

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

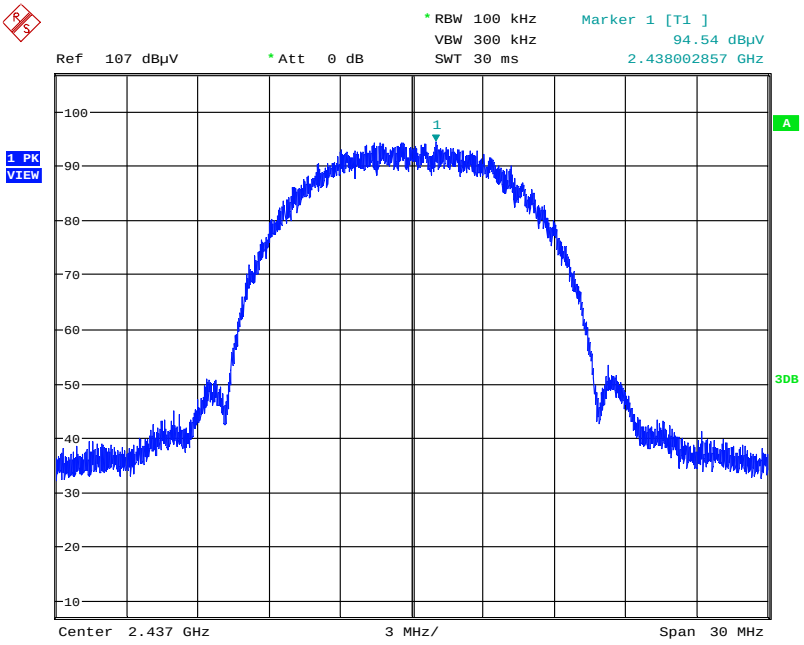
Note:

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

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

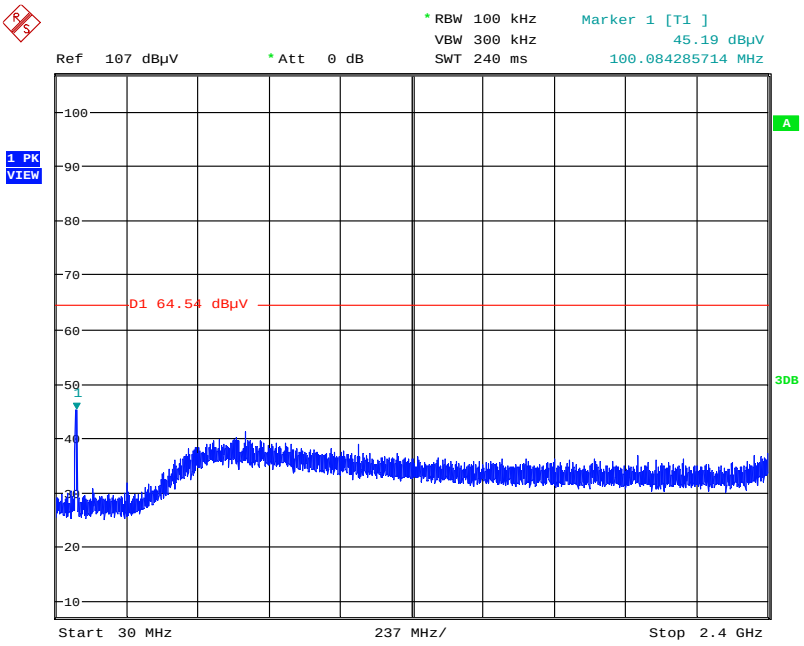
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11b / Reference Level



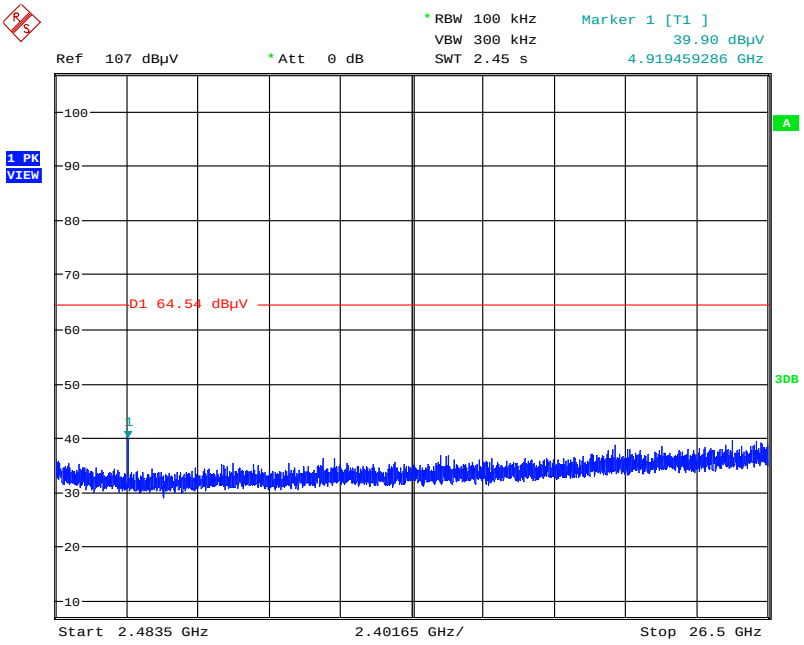
Date: 27.APR.2016 22:41:18

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



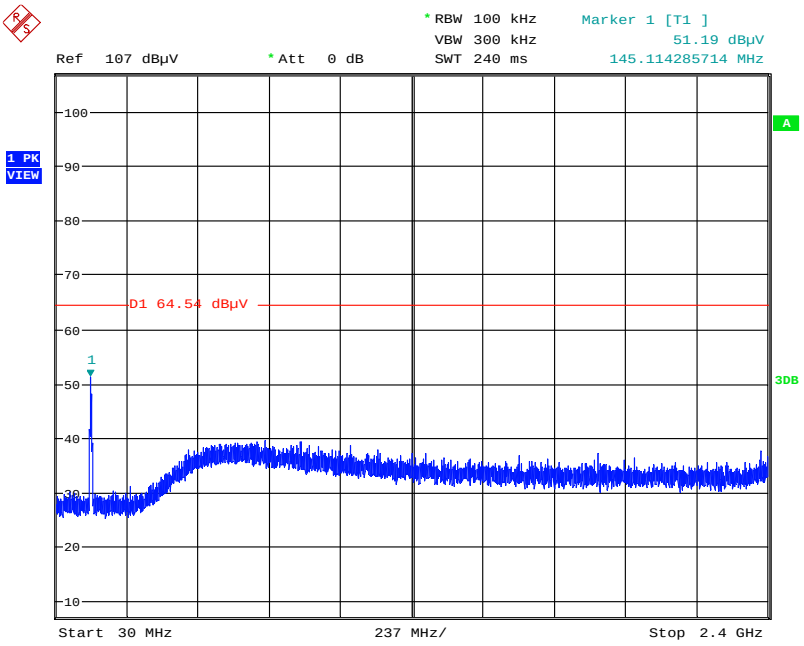
Date: 27.APR.2016 22:43:02

Plot on Configuration IEEE 802.11b / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



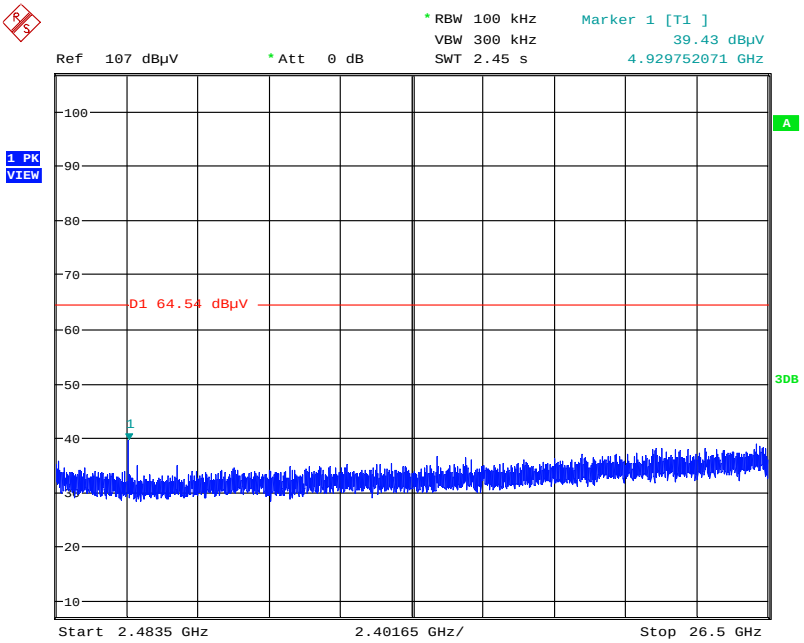
Date: 27.APR.2016 22:47:32

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



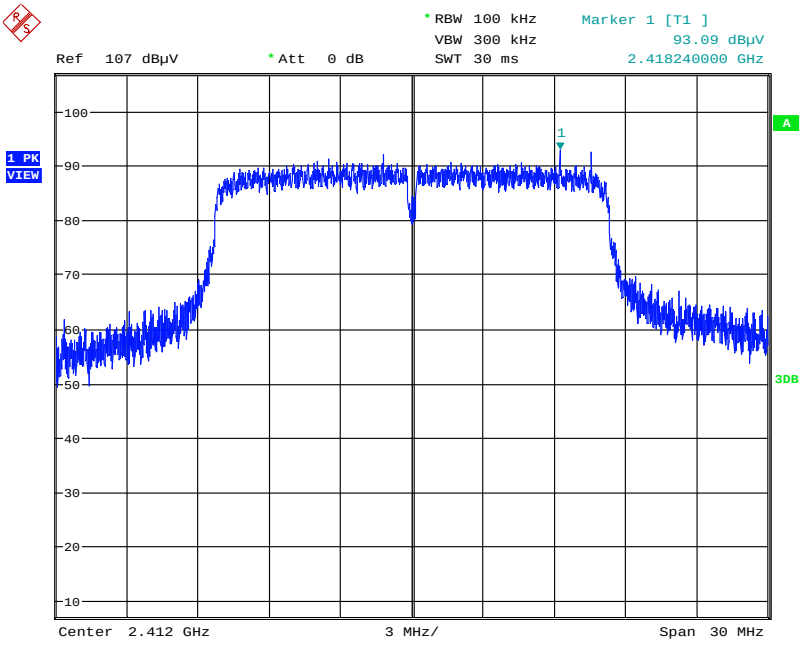
Date: 27.APR.2016 22:45:42

Plot on Configuration IEEE 802.11b / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



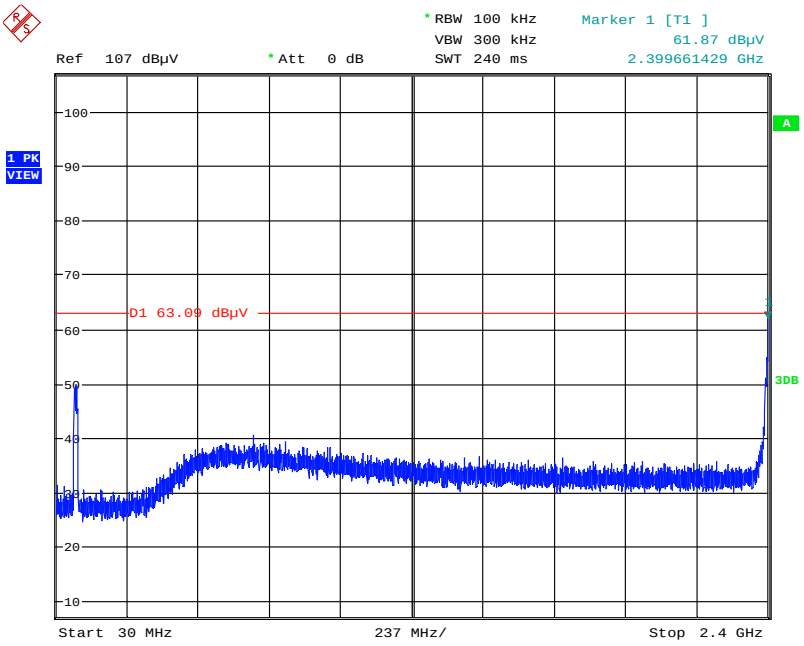
Date: 27.APR.2016 22:45:18

Plot on Configuration IEEE 802.11g / Reference Level



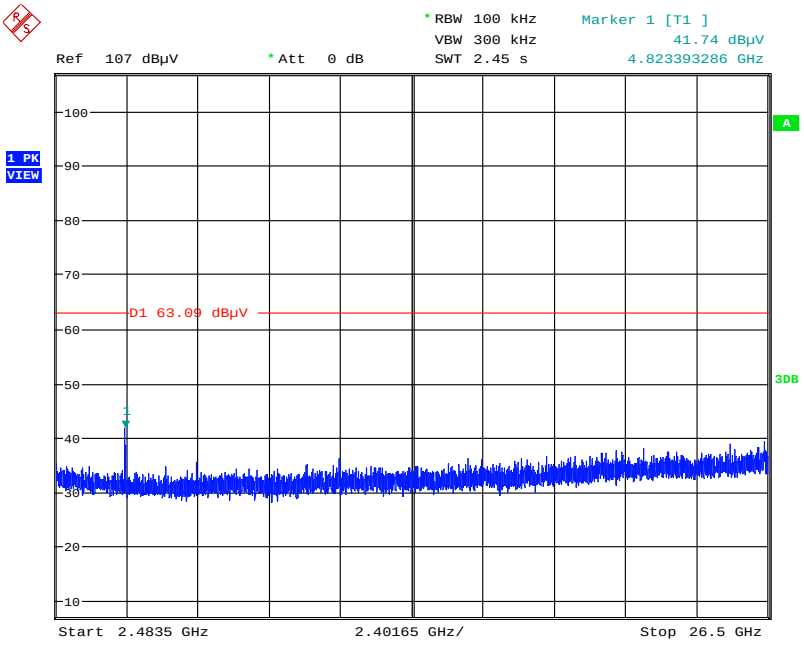
Date: 27.APR.2016 22:50:07

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



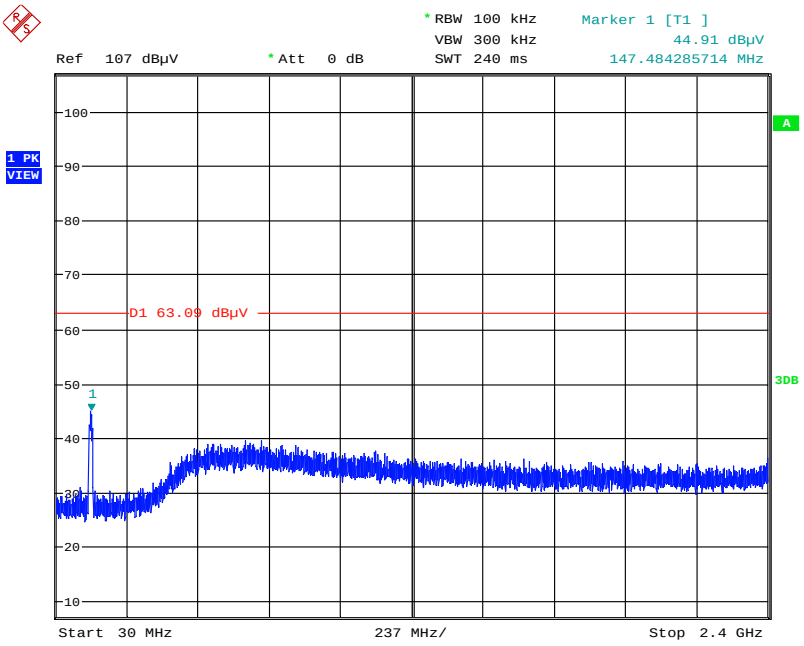
Date: 27.APR.2016 22:50:58

Plot on Configuration IEEE 802.11g / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



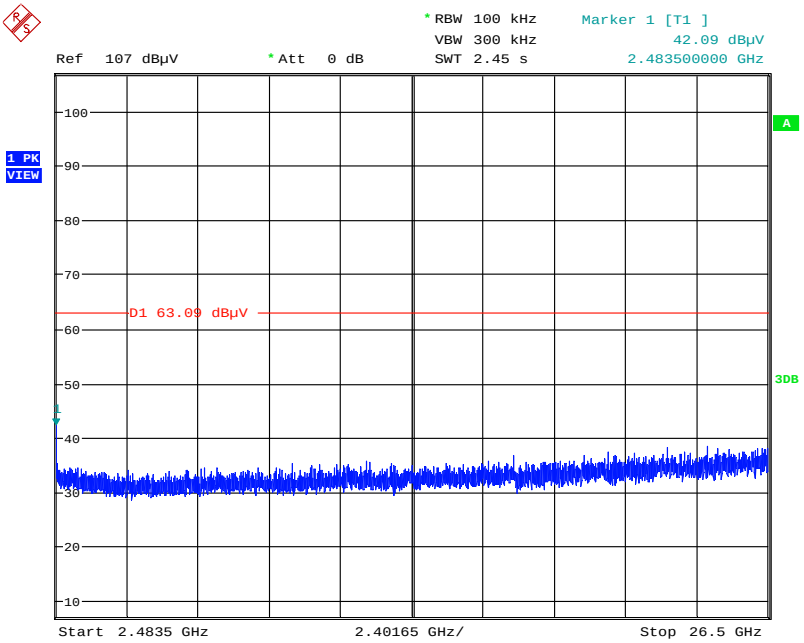
Date: 27.APR.2016 22:51:47

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



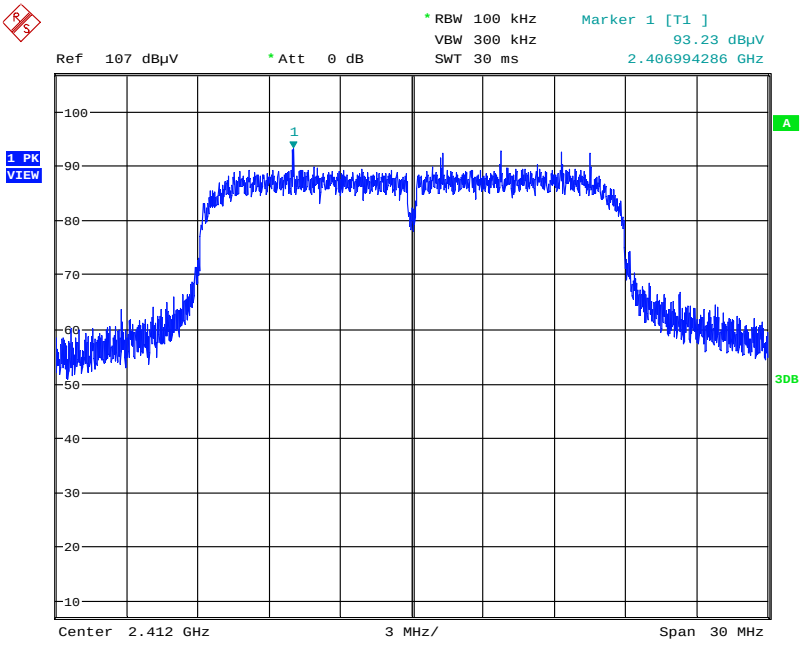
Date: 27.APR.2016 22:53:35

Plot on Configuration IEEE 802.11g / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



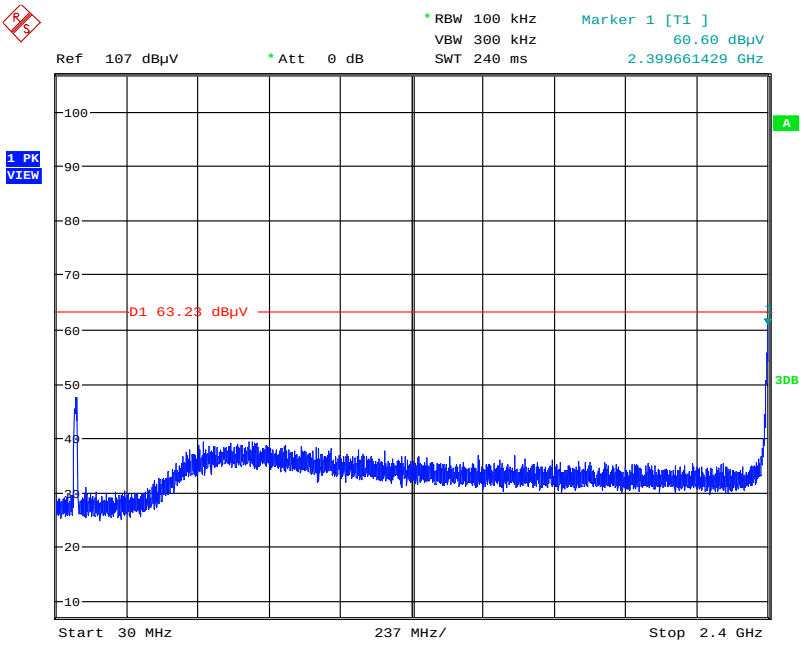
Date: 27.APR.2016 22:53:12

Plot on Configuration IEEE 802.11n MCS0 HT20 / Reference Level



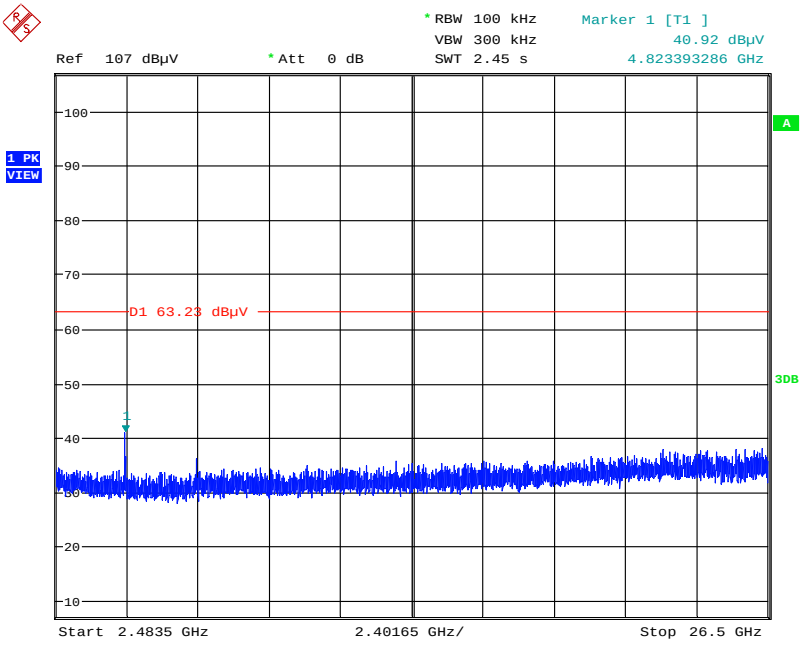
Date: 27.APR.2016 22:55:28

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 30MHz~2400MHz (down 30dBc)



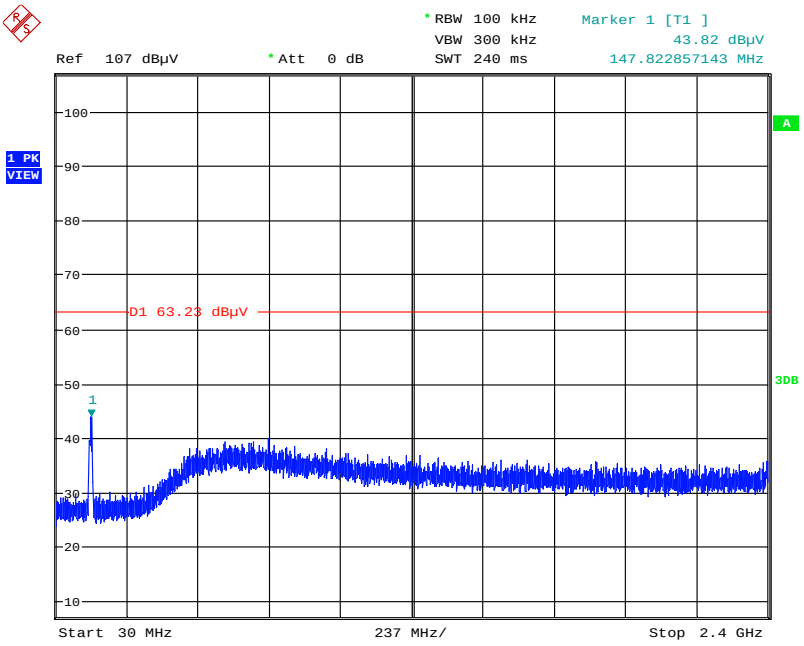
Date: 27.APR.2016 22:57:09

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 1 / 2483.5MHz~26500MHz (down 30dBc)



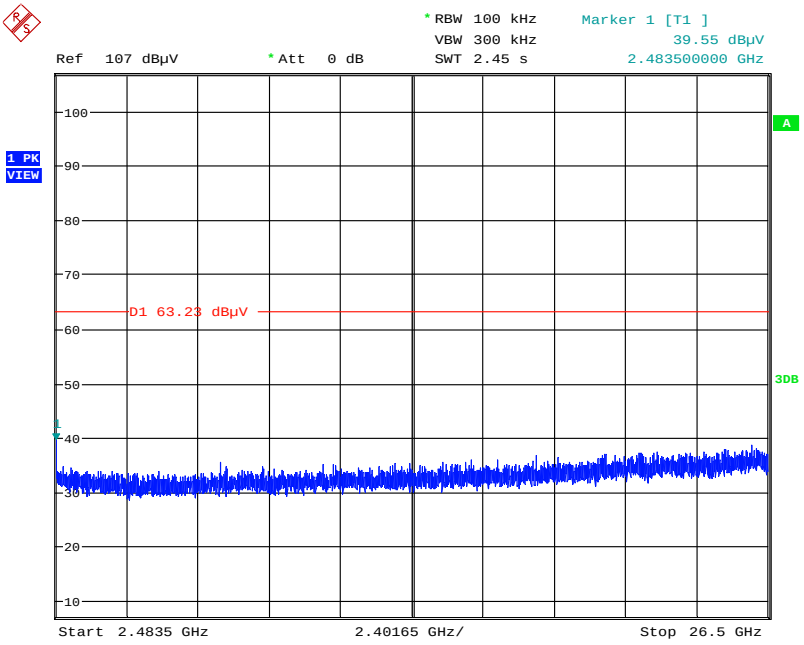
Date: 27.APR.2016 22:57:42

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 30MHz~2400MHz (down 30dBc)



Date: 27.APR.2016 22:58:41

Plot on Configuration IEEE 802.11n MCS0 HT20 / CH 11 / 2483.5MHz~26500MHz (down 30dBc)



Date: 27.APR.2016 22:58:22

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 Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 27, 0216	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 08, 2015	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 23, 2015	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 25, 2015	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA	TESEQ	CBL6112D	37880	20MHz ~ 2GHz	Sep. 03, 2015	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Oct. 22, 2015	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2015	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Mar. 15, 2016	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 18, 2016	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Nov. 13, 2015	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Oct. 27, 2015	Radiation (03CH01-CB)
EMI Receiver	Agilent	N9038A	MY52260123	9kHz ~ 8.4GHz	Jan. 27, 2016	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz ~ 1 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 09, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 02, 2015	Conducted (TH01-CB)

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

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

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

6. MEASUREMENT UNCERTAINTY

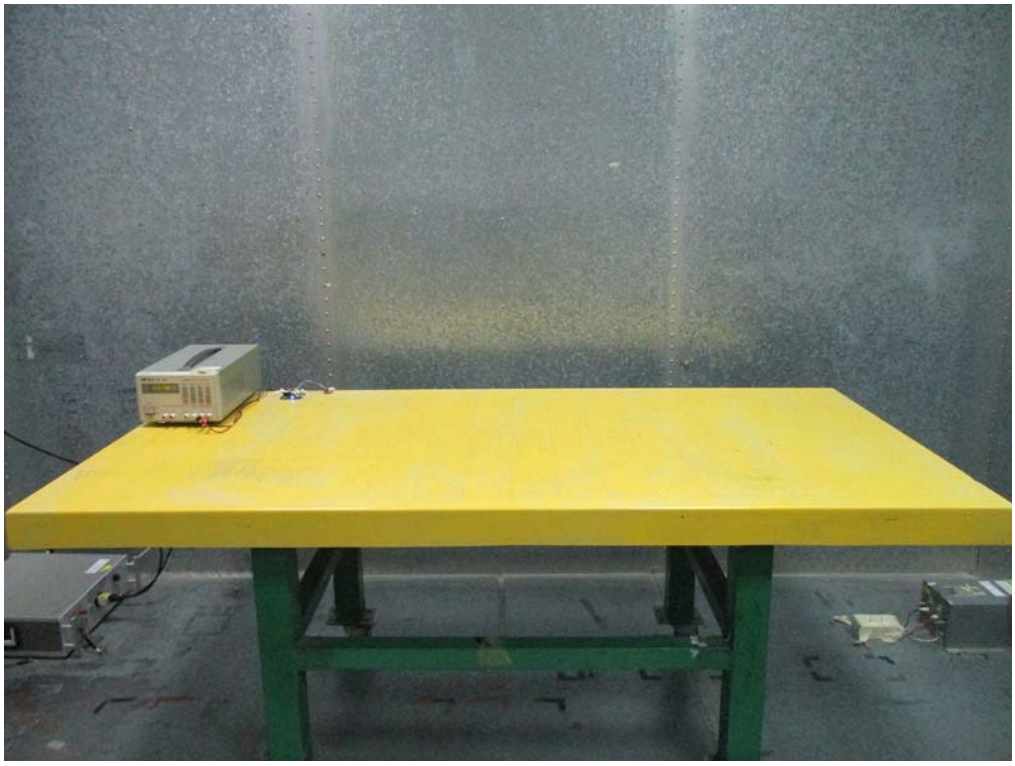
Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted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

Appendix A. Test Photos

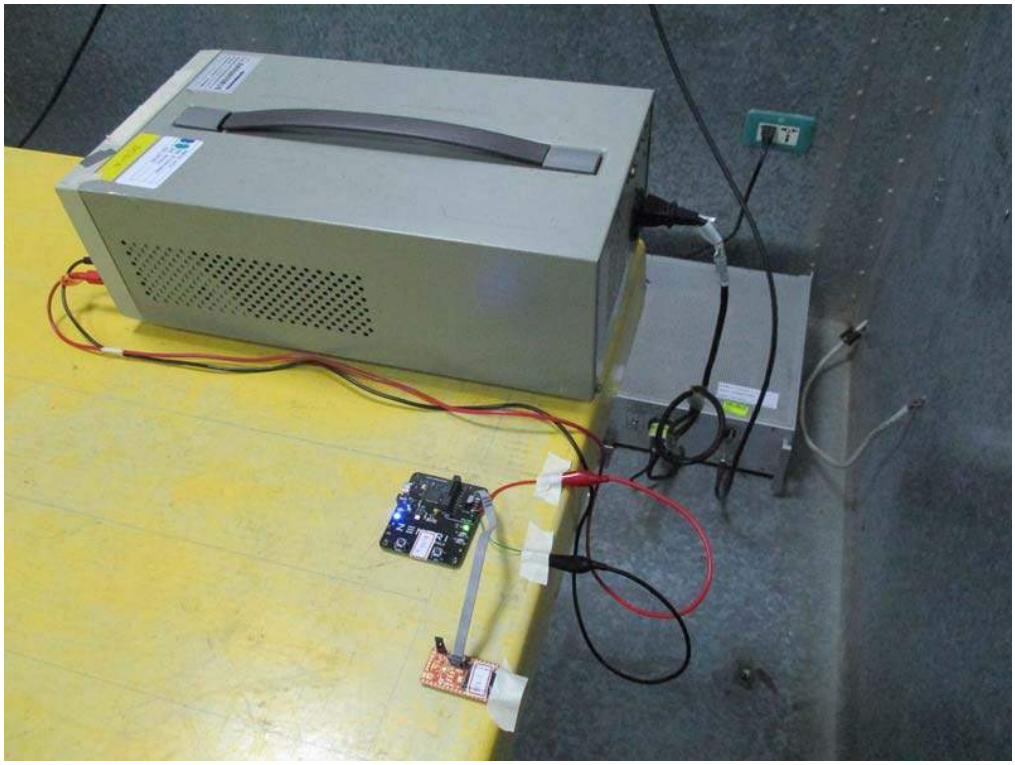
1. Photographs of Conducted Emissions Test Configuration

Test Mode: Mode 1

FRONT VIEW



REAR VIEW

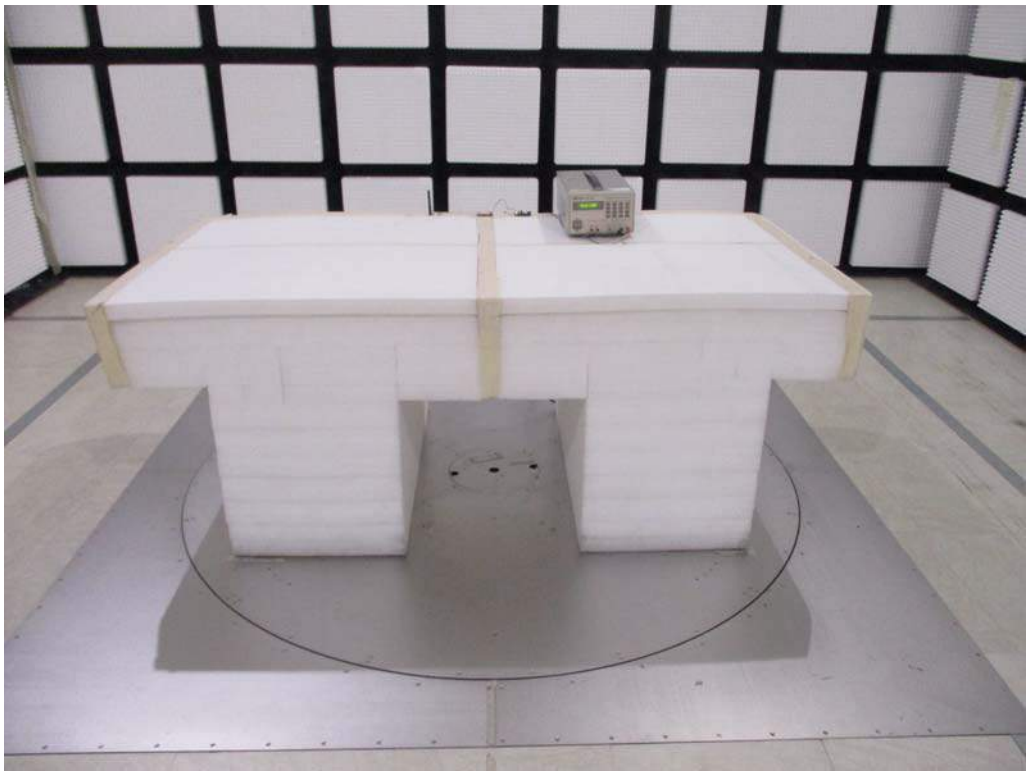


CLOSE-UP VIEW

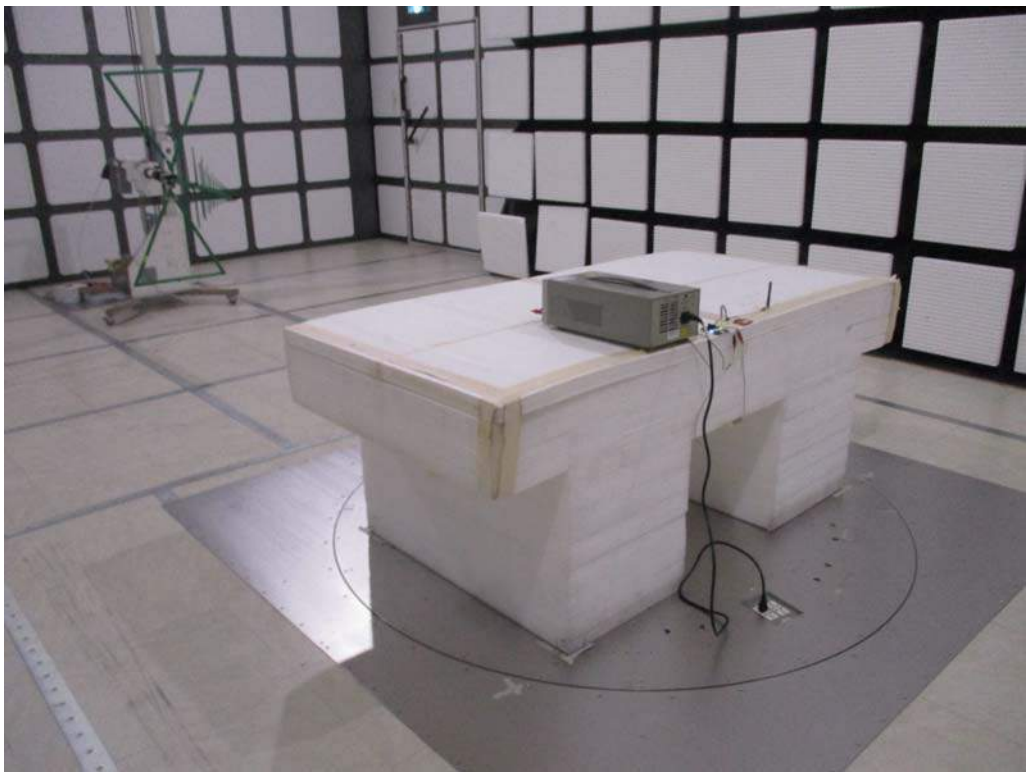
2. Photographs of Radiated Emissions Test Configuration

Test Configuration: 30MHz~1GHz / Test Mode: Mode 4

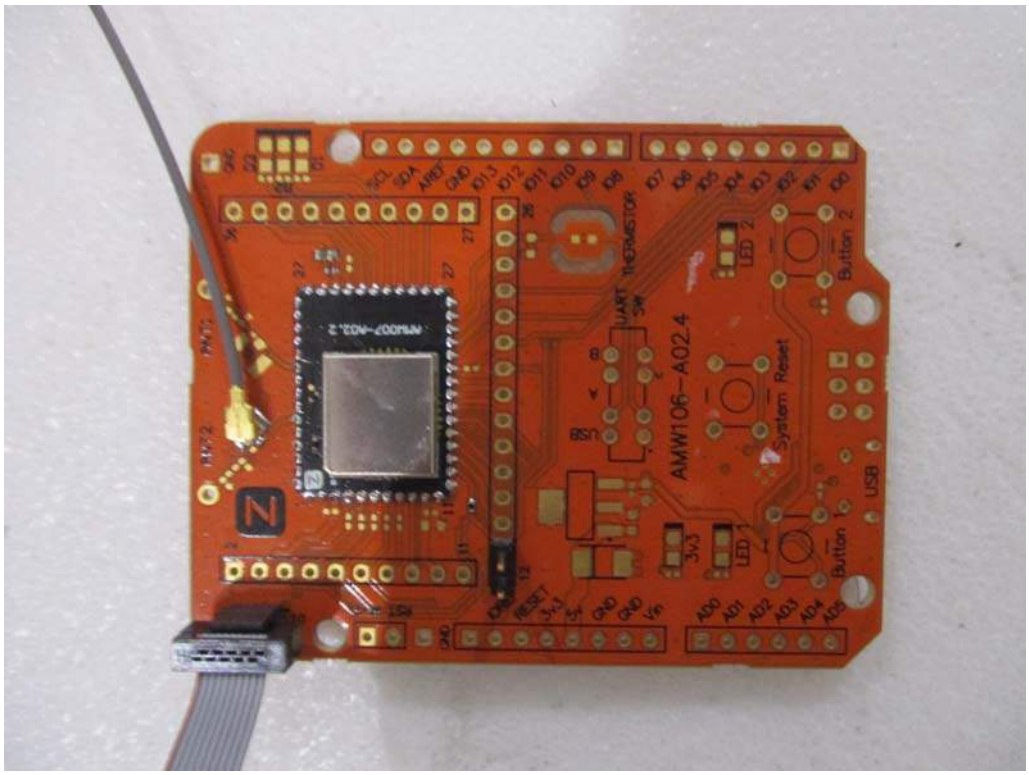
FRONT VIEW



REAR VIEW

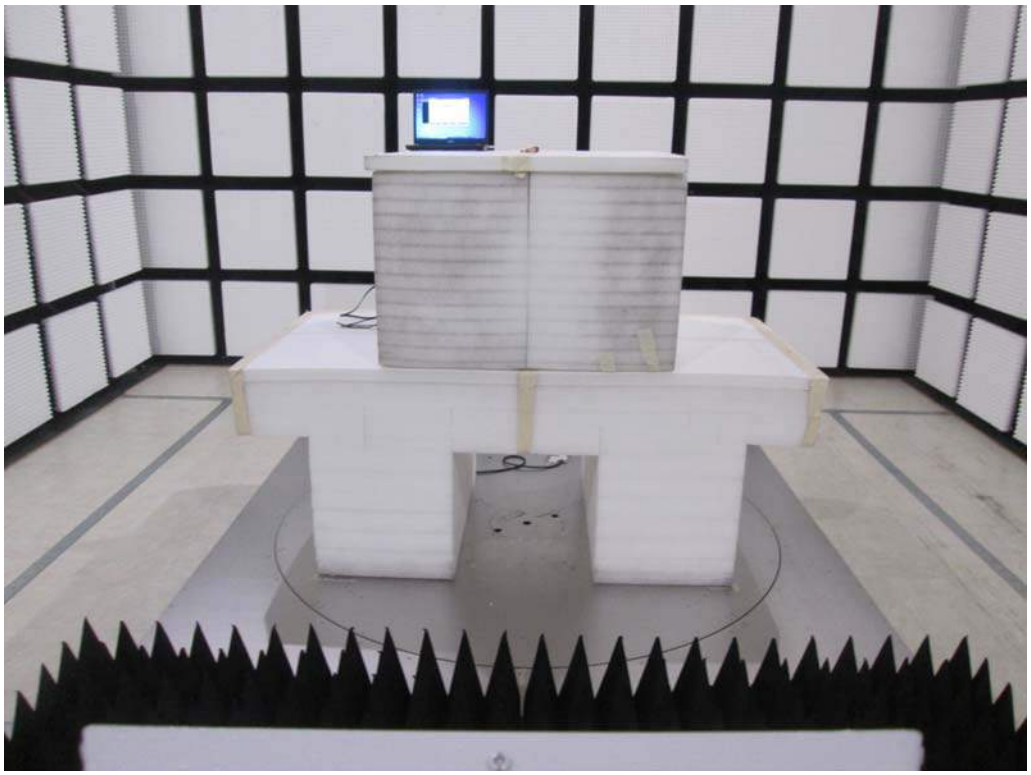


CLOSE-UP VIEW

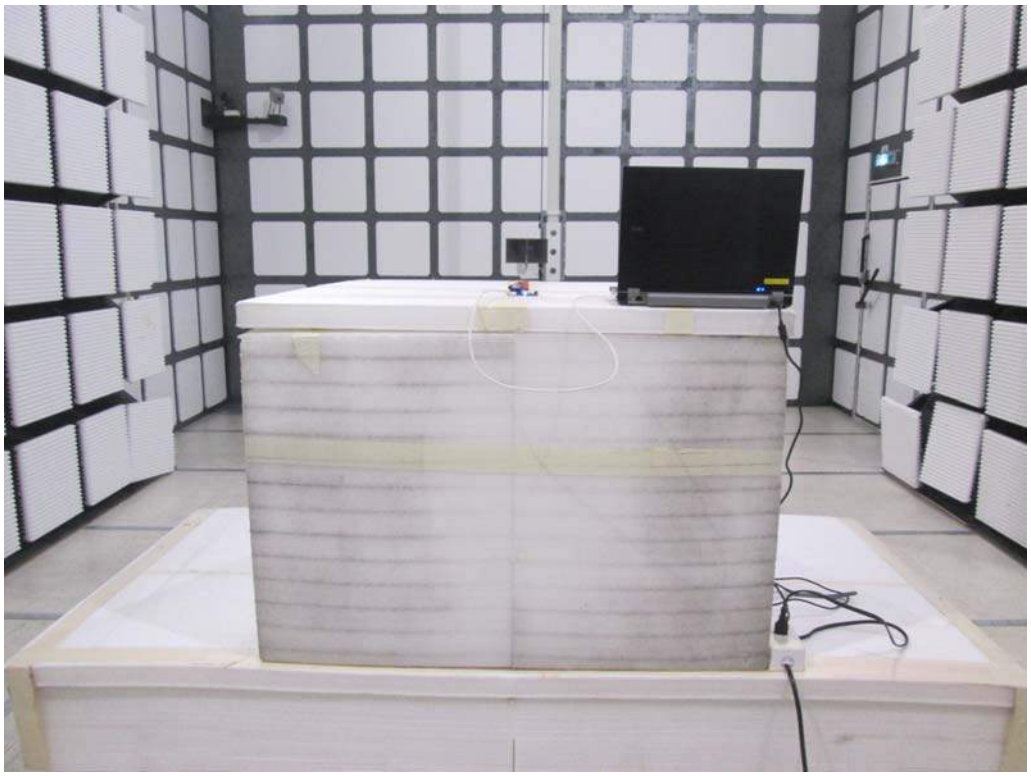


Test Configuration: Above 1GHz / Test Mode: Mode 1

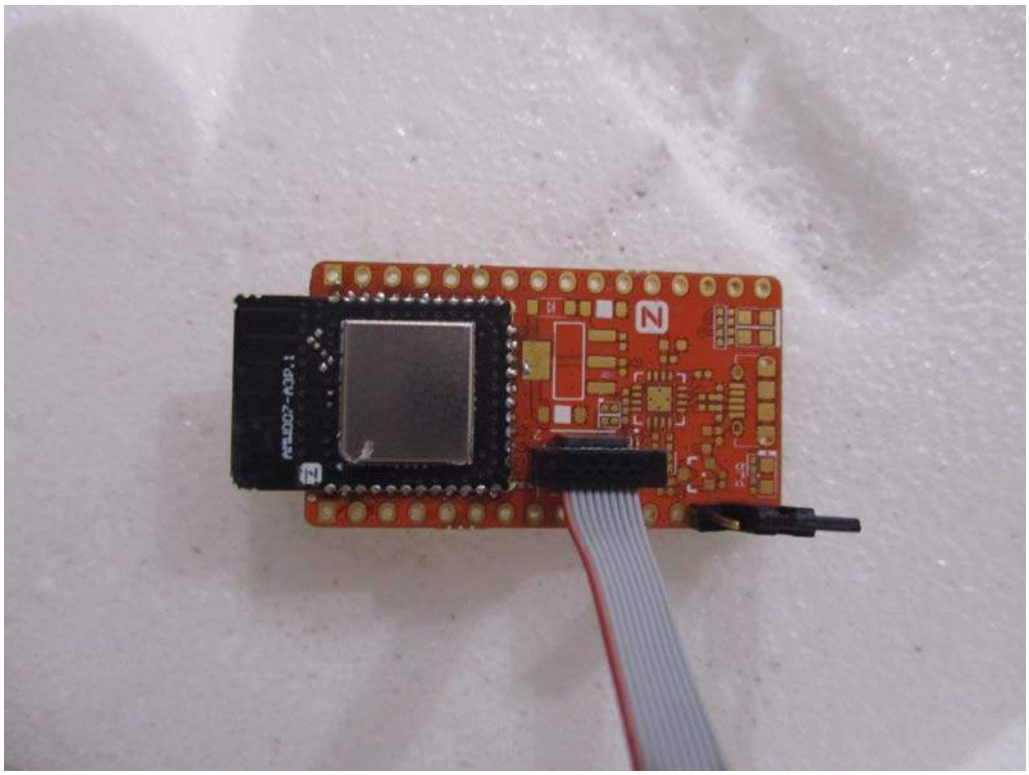
FRONT VIEW



REAR VIEW

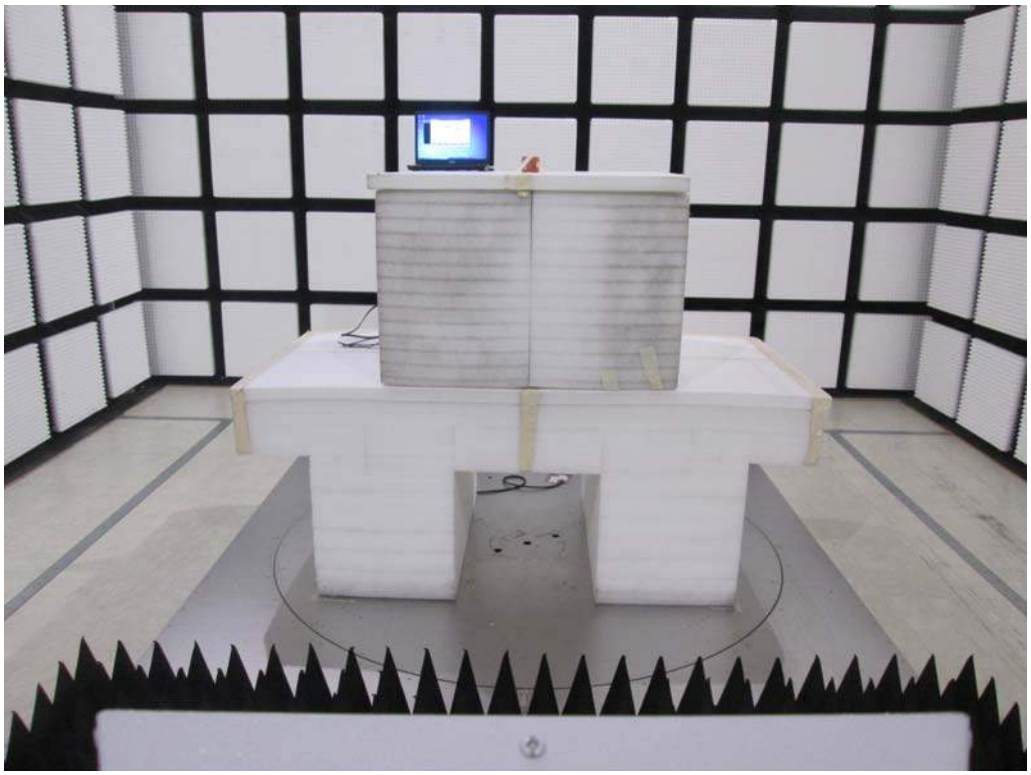


CLOSE-UP VIEW

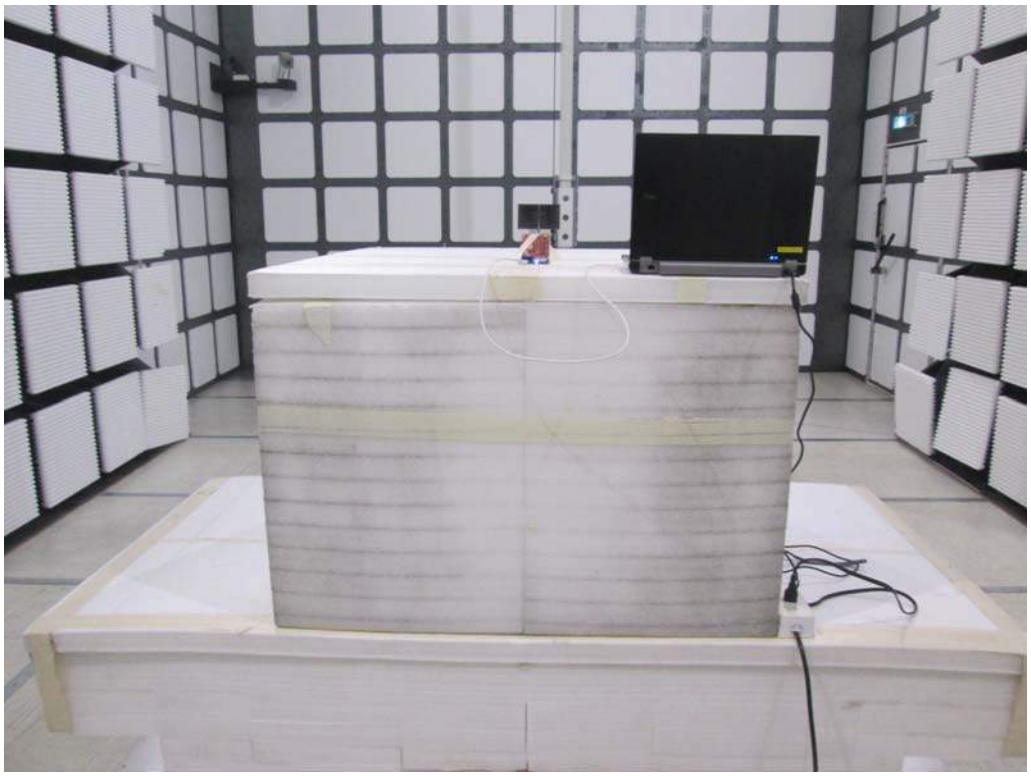


Test Configuration: Above 1GHz / Test Mode: Mode 2

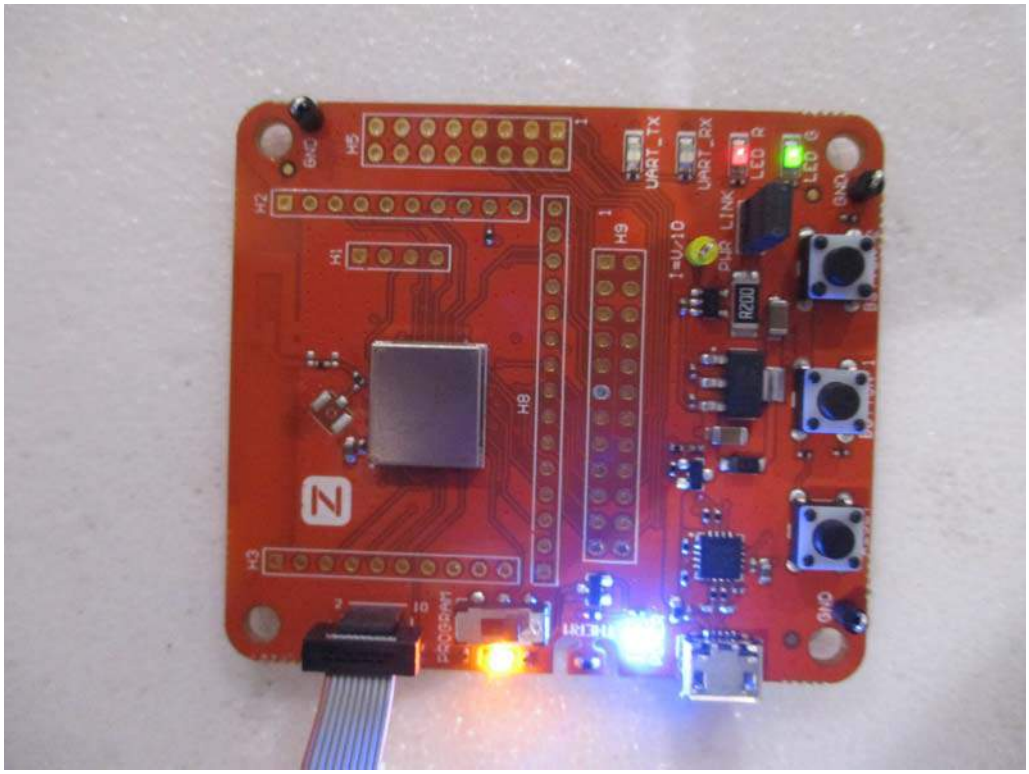
FRONT VIEW



REAR VIEW

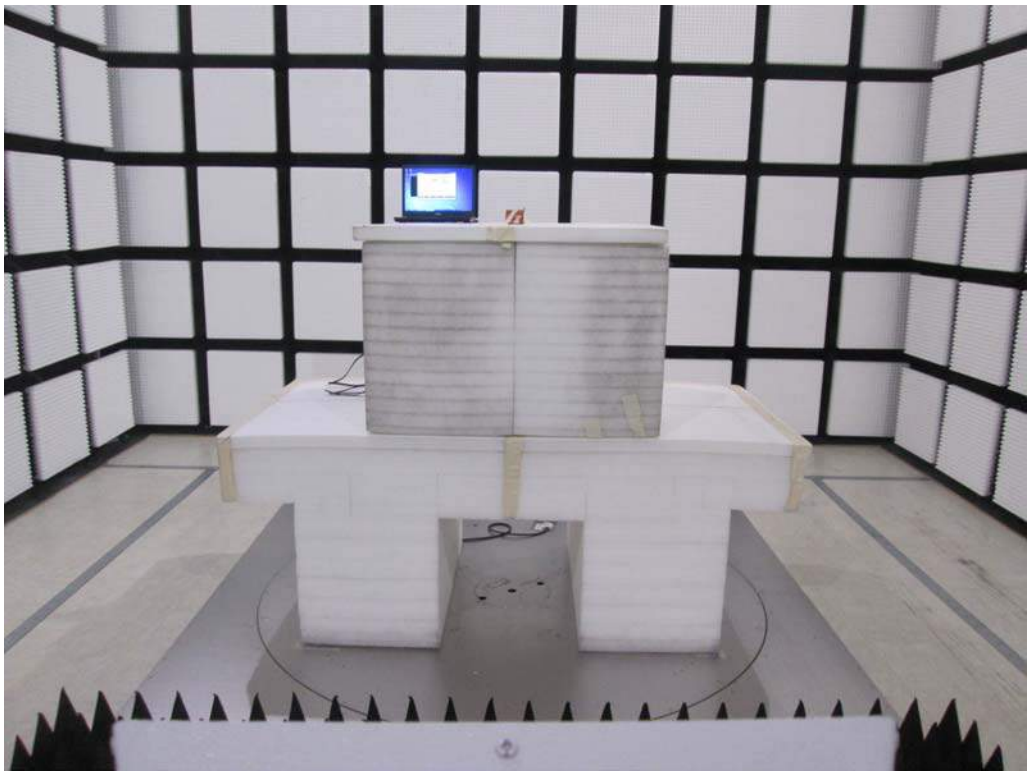


CLOSE-UP VIEW

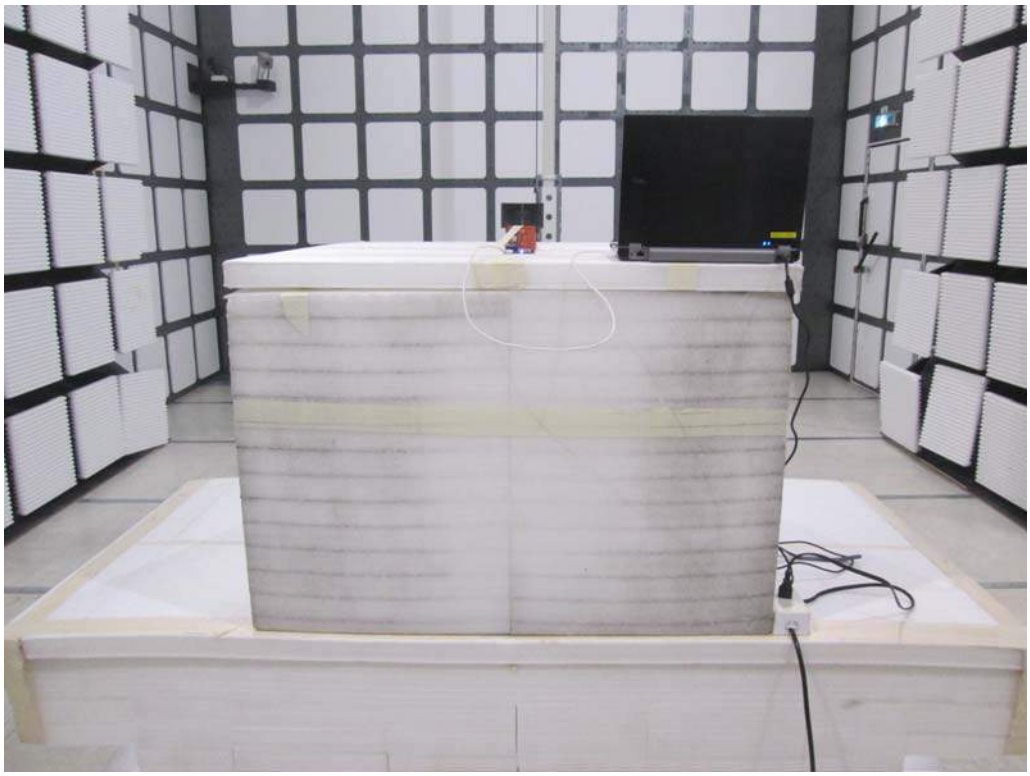


Test Configuration: Above 1GHz / Test Mode: Mode 3

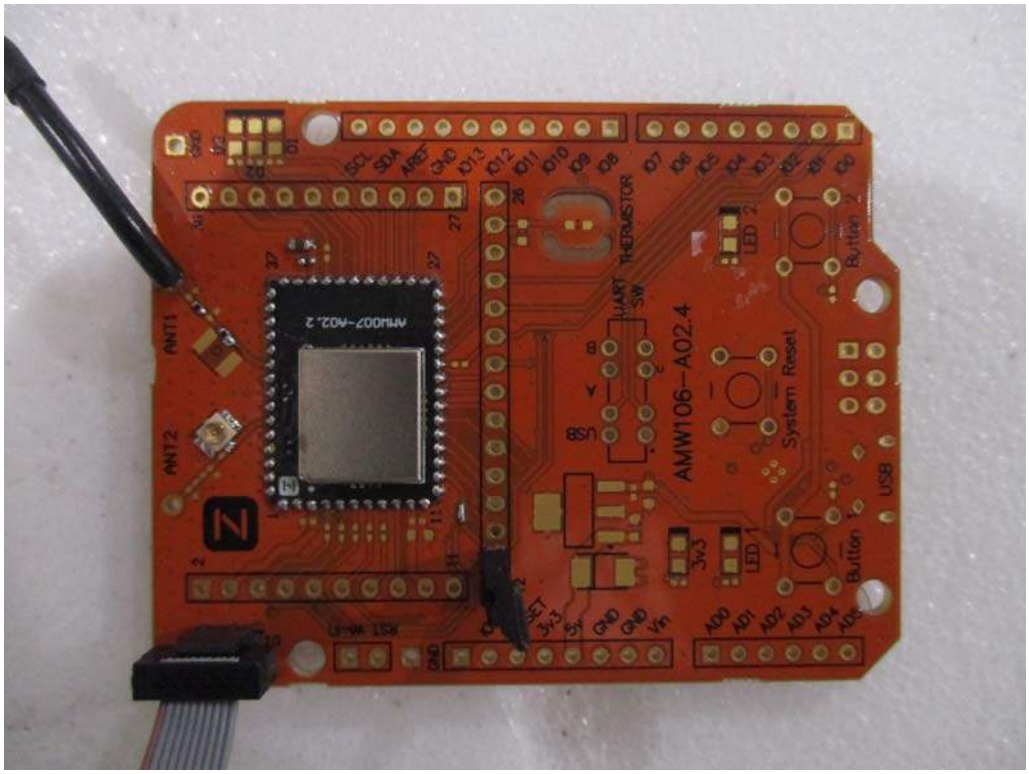
FRONT VIEW



REAR VIEW

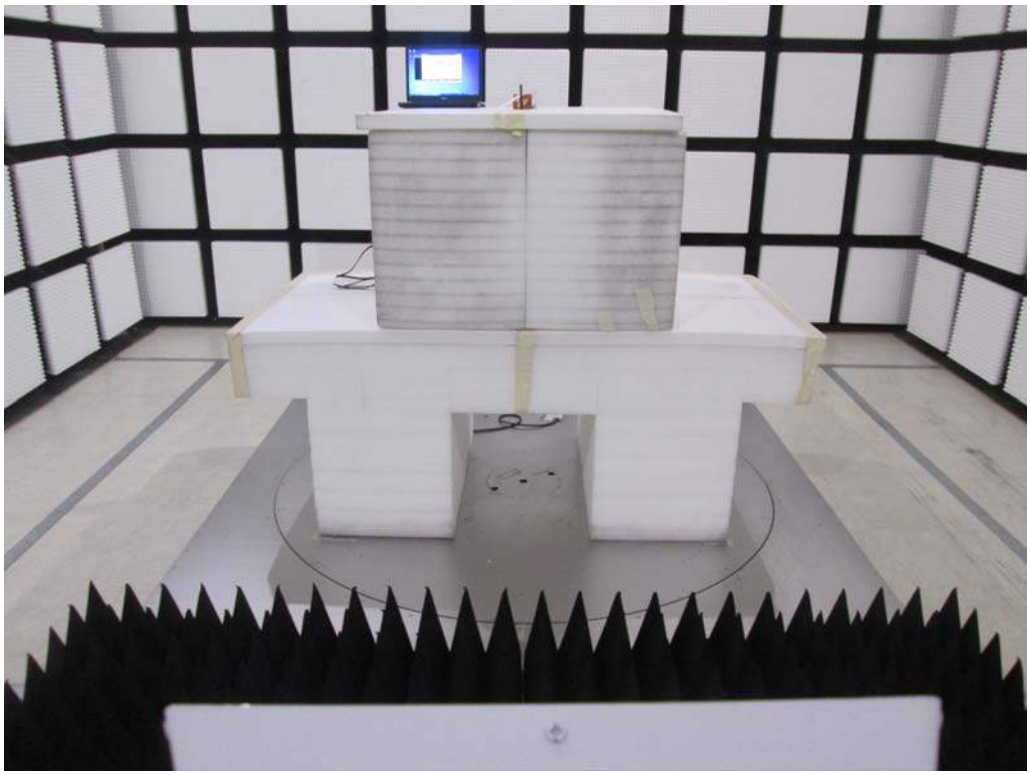


CLOSE-UP VIEW

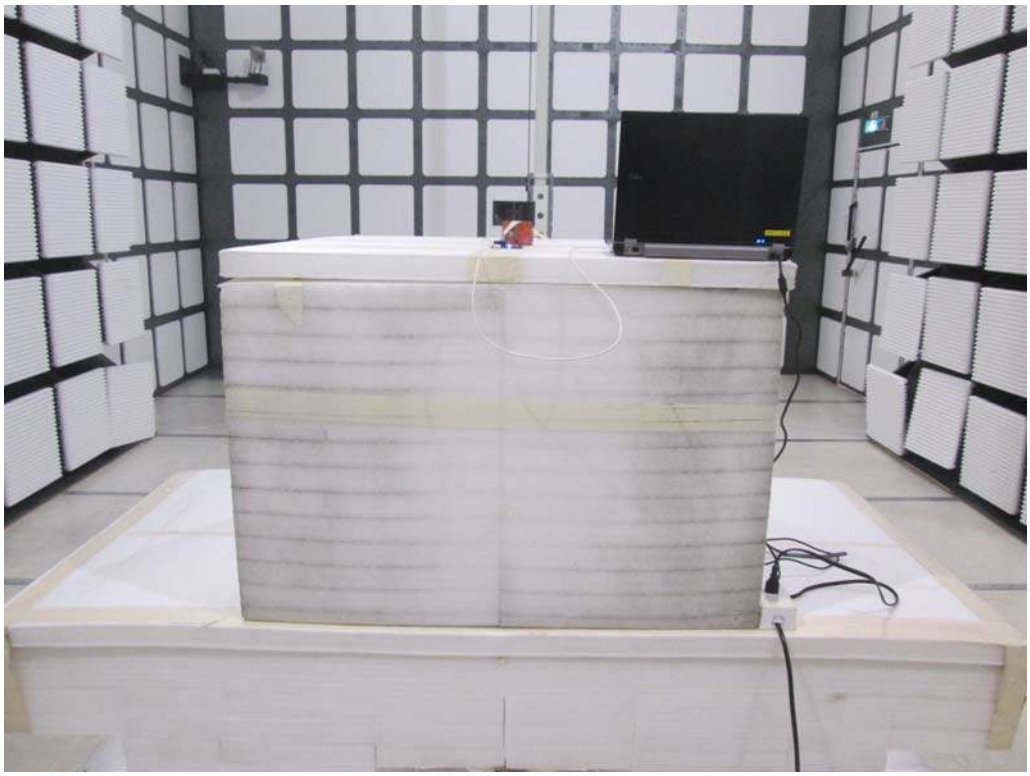


Test Configuration: Above 1GHz / Test Mode: Mode 4

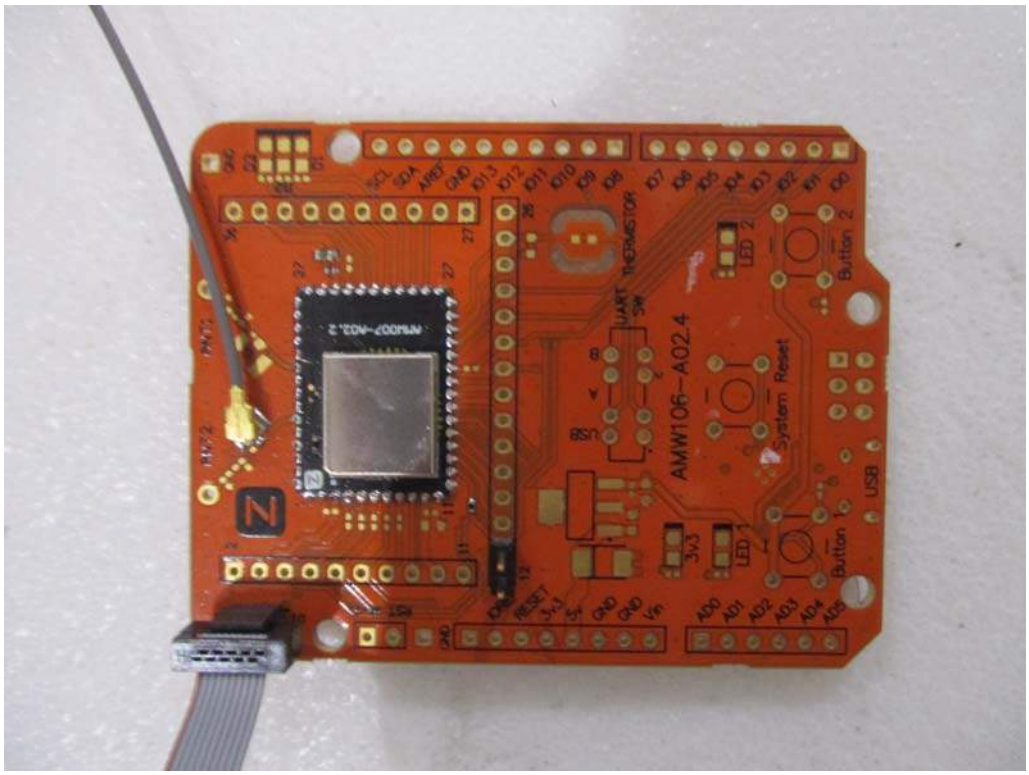
FRONT VIEW



REAR VIEW

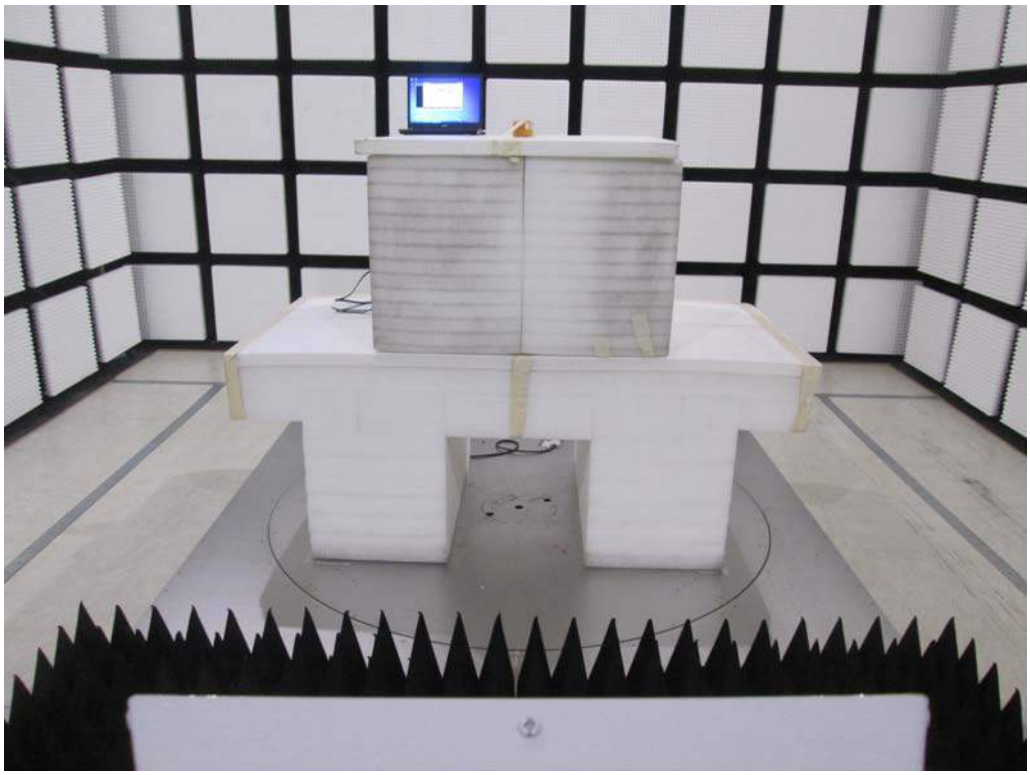


CLOSE-UP VIEW

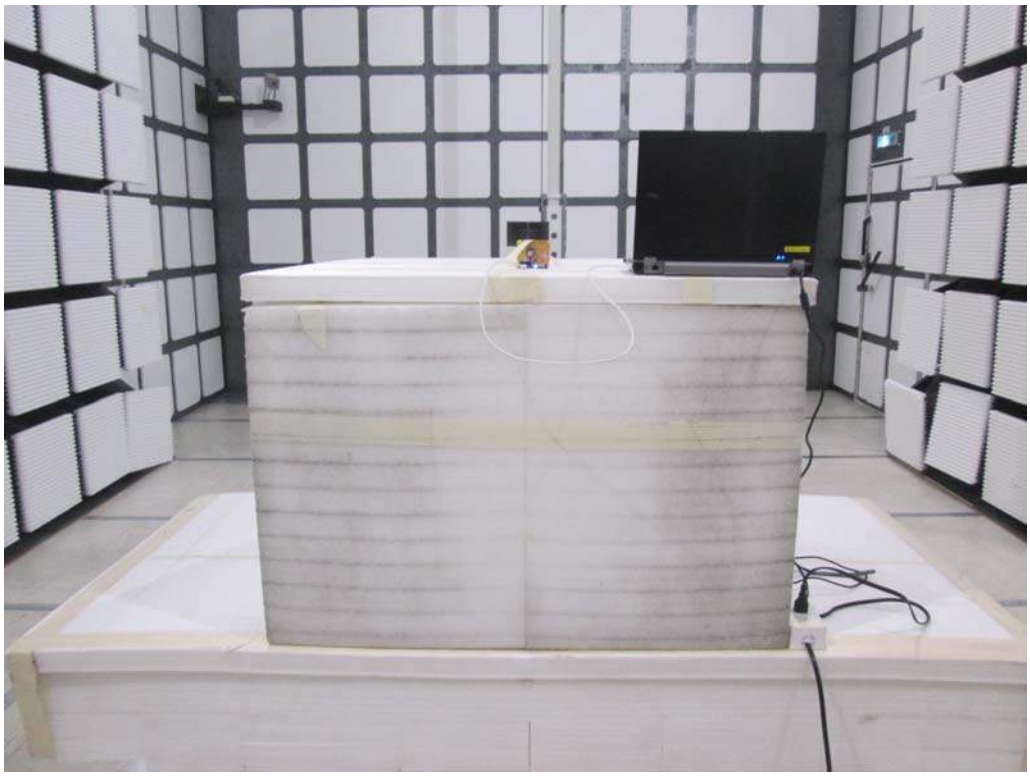


Test Configuration: Above 1GHz / Test Mode: Mode 5

FRONT VIEW



REAR VIEW



CLOSE-UP VIEW