

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 1 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 11

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.96	45.70	54.00	-8.30	44.36	3.31	33.06	35.03	Average	117	229	HORIZONTAL
2	4823.98	49.46	74.00	-24.54	48.12	3.31	33.06	35.03	Peak	117	229	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.97	44.53	54.00	-9.47	43.19	3.31	33.06	35.03	Average	126	184	VERTICAL
2	4824.06	49.28	74.00	-24.72	47.94	3.31	33.06	35.03	Peak	126	184	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 6 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 11

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.01	46.26	74.00	-27.74	44.80	3.33	33.16	35.03	Peak	105	157	HORIZONTAL
2	4874.05	39.55	54.00	-14.45	38.09	3.33	33.16	35.03	Average	105	157	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.97	38.43	54.00	-15.57	36.97	3.33	33.16	35.03	Average	138	185	VERTICAL
2	4873.99	46.46	74.00	-27.54	45.00	3.33	33.16	35.03	Peak	138	185	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 11 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 11

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.98	47.06	54.00	-6.94	45.46	3.35	33.26	35.01	Average	103	155	HORIZONTAL
2	4924.02	50.83	74.00	-23.17	49.23	3.35	33.26	35.01	Peak	103	155	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.84	48.78	74.00	-25.22	47.18	3.35	33.26	35.01	Peak	135	184	VERTICAL
2	4923.98	44.33	54.00	-9.67	42.73	3.35	33.26	35.01	Average	135	184	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 1 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 11

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.54	29.84	54.00	-24.16	28.50	3.31	33.06	35.03	Average	133	197	HORIZONTAL
2	4824.34	42.28	74.00	-31.72	40.94	3.31	33.06	35.03	Peak	133	197	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4824.01	41.92	74.00	-32.08	40.58	3.31	33.06	35.03	Peak	101	292	VERTICAL
2	4824.08	30.30	54.00	-23.70	28.96	3.31	33.06	35.03	Average	101	292	VERTICAL

Temperature	20°C	Humidity	70%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 6 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 11

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.81	42.80	74.00	-31.20	41.34	3.33	33.16	35.03	Peak	101	112	HORIZONTAL
2	4874.19	30.20	54.00	-23.80	28.74	3.33	33.16	35.03	Average	101	112	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.88	42.93	74.00	-31.07	41.47	3.33	33.16	35.03	Peak	100	262	VERTICAL
2	4874.12	30.18	54.00	-23.82	28.72	3.33	33.16	35.03	Average	100	262	VERTICAL

Temperature	20°C	Humidity	70%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 11 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 11

Horizontal

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.76	43.77	74.00	-30.23	42.17	3.35	33.26	35.01	Peak	100	230	HORIZONTAL
2	4924.15	31.47	54.00	-22.53	29.87	3.35	33.26	35.01	Average	100	230	HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.94	42.14	74.00	-31.86	40.54	3.35	33.26	35.01	Peak	101	43	VERTICAL
2	4923.98	29.91	54.00	-24.09	28.31	3.35	33.26	35.01	Average	101	43	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz CH 149 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11475.10	36.79	54.00	-17.21	28.19	5.11	38.77	35.28	Average	100	141	HORIZONTAL
2	11508.51	50.21	74.00	-23.79	41.58	5.12	38.79	35.28	Peak	100	141	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11468.85	36.83	54.00	-17.17	28.23	5.11	38.77	35.28	Average	100	34	VERTICAL
2	11507.55	49.75	74.00	-24.25	41.12	5.12	38.79	35.28	Peak	100	34	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz CH 157 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11569.44	49.72	74.00	-24.28	41.06	5.13	38.83	35.30	Peak	100	160	HORIZONTAL
2	11594.36	36.65	54.00	-17.35	27.98	5.14	38.83	35.30	Average	100	160	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11574.49	50.22	74.00	-23.78	41.55	5.14	38.83	35.30	Peak	100	245	VERTICAL
2	11592.52	36.70	54.00	-17.30	28.03	5.14	38.83	35.30	Average	100	245	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz CH 165 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11625.72	36.69	54.00	-17.31	27.98	5.16	38.85	35.30	Average	100	206 HORIZONTAL
2	11649.68	49.44	74.00	-24.56	40.72	5.16	38.86	35.30	Peak	100	206 HORIZONTAL

Vertical

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11627.32	36.64	54.00	-17.36	27.93	5.16	38.85	35.30	Average	100	81 VERTICAL
2	11633.57	49.64	74.00	-24.36	40.93	5.16	38.85	35.30	Peak	100	81 VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz CH 151 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11486.92	51.13	74.00	-22.87	42.52	5.11	38.78	35.28	Peak	100	211	HORIZONTAL
2	11488.37	36.75	54.00	-17.25	28.14	5.11	38.78	35.28	Average	100	211	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11488.13	36.74	54.00	-17.26	28.13	5.11	38.78	35.28	Average	100	99	VERTICAL
2	11494.29	49.66	74.00	-24.34	41.04	5.12	38.78	35.28	Peak	100	99	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz CH 159 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11595.37	49.95	74.00	-24.05	41.27	5.15	38.83	35.30	Peak	100	127	HORIZONTAL
2	11608.99	36.71	54.00	-17.29	28.02	5.15	38.84	35.30	Average	100	127	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11570.13	49.55	74.00	-24.45	40.88	5.14	38.83	35.30	Peak	100	13	VERTICAL
2	11588.72	36.69	54.00	-17.31	28.02	5.14	38.83	35.30	Average	100	13	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11a CH 149 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11473.01	36.81	54.00	-17.19	28.21	5.11	38.77	35.28	Average	100	336	HORIZONTAL
2	11493.29	49.84	74.00	-24.16	41.22	5.12	38.78	35.28	Peak	100	336	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11465.24	36.84	54.00	-17.16	28.24	5.11	38.77	35.28	Average	100	238	VERTICAL
2	11506.35	50.32	74.00	-23.68	41.69	5.12	38.79	35.28	Peak	100	238	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11a CH 157 / Chain 1 (1TX, 2RX)
Test Date	Nov. 23, 2011	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11587.47	49.83	74.00	-24.17	41.16	5.14	38.83	35.30	Peak	100	167	HORIZONTAL
2	11588.91	36.59	54.00	-17.41	27.92	5.14	38.83	35.30	Average	100	167	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11561.19	50.94	74.00	-23.06	42.29	5.13	38.82	35.30	Peak	100	49	VERTICAL
2	11562.47	36.71	54.00	-17.29	28.06	5.13	38.82	35.30	Average	100	49	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11a CH 165 / Chain 1 (1TX, 2RX)
Test Date	Nov. 23, 2011	Test Mode	Mode 12

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11625.72	36.38	54.00	-17.62	27.67	5.16	38.85	35.30	Average	100	323	HORIZONTAL
2	11648.72	50.02	74.00	-23.98	41.30	5.16	38.86	35.30	Peak	100	323	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11625.72	36.68	54.00	-17.32	27.97	5.16	38.85	35.30	Average	100	225	VERTICAL
2	11657.21	50.44	74.00	-23.56	41.72	5.16	38.86	35.30	Peak	100	225	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	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz Ch 1 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4824.72	42.58	74.00	-31.42	41.24	3.31	33.06	35.03	Peak	100	198	HORIZONTAL
2	4825.80	29.47	54.00	-24.53	28.13	3.31	33.06	35.03	Average	100	198	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.53	43.06	74.00	-30.94	41.72	3.31	33.06	35.03	Peak	100	114	VERTICAL
2	4826.40	29.55	54.00	-24.45	28.21	3.31	33.06	35.03	Average	100	114	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz Ch 6 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.05	43.04	74.00	-30.96	41.58	3.33	33.16	35.03	Peak	100	213	HORIZONTAL
2	4875.03	30.17	54.00	-23.83	28.71	3.33	33.16	35.03	Average	100	213	HORIZONTAL
3	7311.49	44.66	74.00	-29.34	40.04	4.06	35.96	35.40	Peak	100	125	HORIZONTAL
4	7312.81	31.83	54.00	-22.17	27.21	4.06	35.96	35.40	Average	100	125	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.68	42.65	74.00	-31.35	41.19	3.33	33.16	35.03	Peak	100	108	VERTICAL
2	4874.77	29.98	54.00	-24.02	28.52	3.33	33.16	35.03	Average	100	108	VERTICAL
3	7310.34	31.79	54.00	-22.21	27.17	4.06	35.96	35.40	Average	100	195	VERTICAL
4	7310.70	45.32	74.00	-28.68	40.70	4.06	35.96	35.40	Peak	100	195	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz Ch11 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4921.70	29.71	54.00	-24.29	28.14	3.35	33.23	35.01	Average	100	283	HORIZONTAL
2	4924.10	42.32	74.00	-31.68	40.72	3.35	33.26	35.01	Peak	100	283	HORIZONTAL
3	7389.06	31.69	54.00	-22.31	26.94	4.06	36.09	35.40	Average	100	119	HORIZONTAL
4	7389.36	44.02	74.00	-29.98	39.27	4.06	36.09	35.40	Peak	100	119	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4921.14	29.58	54.00	-24.42	28.01	3.35	33.23	35.01	Average	100	187	VERTICAL
2	4926.40	41.84	74.00	-32.16	40.24	3.35	33.26	35.01	Peak	100	187	VERTICAL
3	7382.76	44.33	74.00	-29.67	39.58	4.06	36.09	35.40	Peak	100	99	VERTICAL
4	7388.46	31.72	54.00	-22.28	26.97	4.06	36.09	35.40	Average	100	99	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz Ch 3 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4843.22	41.81	74.00	-32.19	40.43	3.32	33.09	35.03	Peak	100	121	HORIZONTAL
2	4845.68	29.31	54.00	-24.69	27.93	3.32	33.09	35.03	Average	100	121	HORIZONTAL
3	7263.75	44.28	74.00	-29.72	39.77	4.06	35.85	35.40	Peak	100	178	HORIZONTAL
4	7266.62	31.64	54.00	-22.36	27.13	4.06	35.85	35.40	Average	100	178	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4843.48	42.39	74.00	-31.61	41.01	3.32	33.09	35.03	Peak	100	190	VERTICAL
2	4845.31	29.25	54.00	-24.75	27.87	3.32	33.09	35.03	Average	100	190	VERTICAL
3	7265.18	31.26	54.00	-22.74	26.75	4.06	35.85	35.40	Average	100	270	VERTICAL
4	7267.17	45.50	74.00	-28.50	40.99	4.06	35.85	35.40	Peak	100	270	VERTICAL



Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz Ch 6 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.16	42.91	74.00	-31.09	41.45	3.33	33.16	35.03	Peak	100	217	HORIZONTAL
2	4876.11	29.89	54.00	-24.11	28.43	3.33	33.16	35.03	Average	100	217	HORIZONTAL
3	7309.91	31.67	54.00	-22.33	27.05	4.06	35.96	35.40	Average	100	113	HORIZONTAL
4	7310.31	44.35	74.00	-29.65	39.73	4.06	35.96	35.40	Peak	100	113	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4875.24	29.81	54.00	-24.19	28.35	3.33	33.16	35.03	Average	100	104	VERTICAL
2	4876.18	43.02	74.00	-30.98	41.56	3.33	33.16	35.03	Peak	100	104	VERTICAL
3	7310.25	31.75	54.00	-22.25	27.13	4.06	35.96	35.40	Average	100	176	VERTICAL
4	7310.88	45.11	74.00	-28.89	40.49	4.06	35.96	35.40	Peak	100	176	VERTICAL



Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz Ch 9 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4901.73	29.70	54.00	-24.30	28.19	3.34	33.19	35.02	Average	100	245	HORIZONTAL
2	4906.25	42.23	74.00	-31.77	40.68	3.34	33.23	35.02	Peak	100	245	HORIZONTAL
3	7354.31	44.59	74.00	-29.41	39.91	4.06	36.02	35.40	Peak	100	159	HORIZONTAL
4	7355.92	31.89	54.00	-22.11	27.21	4.06	36.02	35.40	Average	100	159	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4901.59	42.74	74.00	-31.26	41.23	3.34	33.19	35.02	Peak	100	176	VERTICAL
2	4901.89	29.63	54.00	-24.37	28.12	3.34	33.19	35.02	Average	100	176	VERTICAL
3	7354.52	44.49	74.00	-29.51	39.81	4.06	36.02	35.40	Peak	100	87	VERTICAL
4	7355.87	31.86	54.00	-22.14	27.18	4.06	36.02	35.40	Average	100	87	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 1 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.98	30.08	54.00	-23.92	28.74	3.31	33.06	35.03	Average	100	12	HORIZONTAL
2	4824.13	43.13	74.00	-30.87	41.79	3.31	33.06	35.03	Peak	100	12	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.98	33.87	54.00	-20.13	32.53	3.31	33.06	35.03	Average	103	232	VERTICAL
2	4823.99	43.64	74.00	-30.36	42.30	3.31	33.06	35.03	Peak	103	232	VERTICAL



Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 6 / Chain 2 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.95	37.66	54.00	-16.34	36.20	3.33	33.16	35.03	Average	131	9	HORIZONTAL
2	4874.05	45.02	74.00	-28.98	43.56	3.33	33.16	35.03	Peak	131	9	HORIZONTAL
3	7309.24	30.95	54.00	-23.05	26.33	4.06	35.96	35.40	Average	100	182	HORIZONTAL
4	7313.06	44.67	74.00	-29.33	40.05	4.06	35.96	35.40	Peak	100	182	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.95	34.60	54.00	-19.40	33.14	3.33	33.16	35.03	Average	100	233	VERTICAL
2	4874.04	44.20	74.00	-29.80	42.74	3.33	33.16	35.03	Peak	100	233	VERTICAL
3	7310.19	31.96	54.00	-22.04	27.34	4.06	35.96	35.40	Average	100	126	VERTICAL
4	7311.88	45.39	74.00	-28.61	40.77	4.06	35.96	35.40	Peak	100	126	VERTICAL



Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 11 / Chain 2 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.69	42.80	74.00	-31.20	41.20	3.35	33.26	35.01	Peak	102	60	HORIZONTAL
2	4923.96	31.33	54.00	-22.67	29.73	3.35	33.26	35.01	Average	102	60	HORIZONTAL
3	7386.57	44.05	74.00	-29.95	39.30	4.06	36.09	35.40	Peak	100	148	HORIZONTAL
4	7388.40	32.05	54.00	-21.95	27.30	4.06	36.09	35.40	Average	100	148	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.89	44.12	74.00	-29.88	42.52	3.35	33.26	35.01	Peak	113	83	VERTICAL
2	4923.95	34.61	54.00	-19.39	33.01	3.35	33.26	35.01	Average	113	83	VERTICAL
3	7385.78	31.74	54.00	-22.26	26.99	4.06	36.09	35.40	Average	100	208	VERTICAL
4	7388.01	44.21	74.00	-29.79	39.46	4.06	36.09	35.40	Peak	100	208	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 1 / Chain 2 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4822.35	41.88	74.00	-32.12	40.54	3.31	33.06	35.03	Peak	100	155	HORIZONTAL
2	4826.45	29.63	54.00	-24.37	28.29	3.31	33.06	35.03	Average	100	155	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.98	29.47	54.00	-24.53	28.13	3.31	33.06	35.03	Average	100	187	VERTICAL
2	4825.06	42.80	74.00	-31.20	41.46	3.31	33.06	35.03	Peak	100	187	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 6 / Chain 2 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4872.89	30.04	54.00	-23.96	28.58	3.33	33.16	35.03	Average	100	140	HORIZONTAL
2	4874.70	42.42	74.00	-31.58	40.96	3.33	33.16	35.03	Peak	100	140	HORIZONTAL
3	7310.06	31.91	54.00	-22.09	27.29	4.06	35.96	35.40	Average	100	241	HORIZONTAL
4	7311.00	44.25	74.00	-29.75	39.63	4.06	35.96	35.40	Peak	100	241	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4872.64	30.07	54.00	-23.93	28.61	3.33	33.16	35.03	Average	100	194	VERTICAL
2	4875.27	42.71	74.00	-31.29	41.25	3.33	33.16	35.03	Peak	100	194	VERTICAL
3	7309.21	44.47	74.00	-29.53	39.85	4.06	35.96	35.40	Peak	100	127	VERTICAL
4	7312.91	31.97	54.00	-22.03	27.35	4.06	35.96	35.40	Average	100	127	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 11 / Chain 2 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 13

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.89	29.62	54.00	-24.38	28.02	3.35	33.26	35.01	Average	100	113	HORIZONTAL
2	4924.25	42.37	74.00	-31.63	40.77	3.35	33.26	35.01	Peak	100	113	HORIZONTAL
3	7387.27	31.94	54.00	-22.06	27.19	4.06	36.09	35.40	Average	100	119	HORIZONTAL
4	7387.28	44.45	74.00	-29.55	39.70	4.06	36.09	35.40	Peak	100	119	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4924.27	29.76	54.00	-24.24	28.16	3.35	33.26	35.01	Average	100	157	VERTICAL
2	4925.22	43.04	74.00	-30.96	41.44	3.35	33.26	35.01	Peak	100	157	VERTICAL
3	7385.41	46.08	74.00	-27.92	41.33	4.06	36.09	35.40	Peak	100	223	VERTICAL
4	7386.05	31.69	54.00	-22.31	26.94	4.06	36.09	35.40	Average	100	223	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	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz Ch 1 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.98	43.99	74.00	-30.01	42.65	3.31	33.06	35.03	Peak	100	179	HORIZONTAL
2	4824.96	29.81	54.00	-24.19	28.47	3.31	33.06	35.03	Average	100	179	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4824.70	42.10	74.00	-31.90	40.76	3.31	33.06	35.03	Peak	100	174	VERTICAL
2	4824.74	29.99	54.00	-24.01	28.65	3.31	33.06	35.03	Average	100	174	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz Ch 6 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.08	41.72	74.00	-32.28	40.26	3.33	33.16	35.03	Peak	100	181	HORIZONTAL
2	4875.27	29.45	54.00	-24.55	27.99	3.33	33.16	35.03	Average	100	181	HORIZONTAL
3	7311.75	33.69	54.00	-20.31	29.07	4.06	35.96	35.40	Average	145	330	HORIZONTAL
4	7313.25	46.96	74.00	-27.04	42.34	4.06	35.96	35.40	Peak	145	330	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.54	42.27	74.00	-31.73	40.81	3.33	33.16	35.03	Peak	100	190	VERTICAL
2	4874.46	30.14	54.00	-23.86	28.68	3.33	33.16	35.03	Average	100	190	VERTICAL
3	7310.84	34.60	54.00	-19.40	29.98	4.06	35.96	35.40	Average	120	109	VERTICAL
4	7312.61	48.72	74.00	-25.28	44.10	4.06	35.96	35.40	Peak	120	109	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz Ch11 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.63	29.56	54.00	-24.44	27.96	3.35	33.26	35.01	Average	100	287	HORIZONTAL
2	4923.82	41.84	74.00	-32.16	40.24	3.35	33.26	35.01	Peak	100	287	HORIZONTAL
3	7386.24	45.48	74.00	-28.52	40.73	4.06	36.09	35.40	Peak	100	166	HORIZONTAL
4	7387.74	32.91	54.00	-21.09	28.16	4.06	36.09	35.40	Average	100	166	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.54	29.53	54.00	-24.47	27.93	3.35	33.26	35.01	Average	100	176	VERTICAL
2	4923.74	42.19	74.00	-31.81	40.59	3.35	33.26	35.01	Peak	100	176	VERTICAL
3	7384.75	46.20	74.00	-27.80	41.45	4.06	36.09	35.40	Peak	100	268	VERTICAL
4	7387.50	33.01	54.00	-20.99	28.26	4.06	36.09	35.40	Average	100	268	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz Ch 3 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4844.07	42.11	74.00	-31.89	40.73	3.32	33.09	35.03	Peak	100	117	HORIZONTAL
2	4844.12	29.11	54.00	-24.89	27.73	3.32	33.09	35.03	Average	100	117	HORIZONTAL
3	7265.43	32.43	54.00	-21.57	27.92	4.06	35.85	35.40	Average	100	181	HORIZONTAL
4	7265.71	45.43	74.00	-28.57	40.92	4.06	35.85	35.40	Peak	100	181	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4844.04	29.27	54.00	-24.73	27.89	3.32	33.09	35.03	Average	100	287	VERTICAL
2	4844.25	42.11	74.00	-31.89	40.73	3.32	33.09	35.03	Peak	100	287	VERTICAL
3	7266.42	32.45	54.00	-21.55	27.94	4.06	35.85	35.40	Average	100	203	VERTICAL
4	7266.90	44.94	74.00	-29.06	40.43	4.06	35.85	35.40	Peak	100	203	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz Ch 6 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.08	41.72	74.00	-32.28	40.26	3.33	33.16	35.03	Peak	100	181	HORIZONTAL
2	4875.27	29.45	54.00	-24.55	27.99	3.33	33.16	35.03	Average	100	181	HORIZONTAL
3	7311.75	33.69	54.00	-20.31	29.07	4.06	35.96	35.40	Average	145	330	HORIZONTAL
4	7313.25	46.96	74.00	-27.04	42.34	4.06	35.96	35.40	Peak	145	330	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.54	42.27	74.00	-31.73	40.81	3.33	33.16	35.03	Peak	100	190	VERTICAL
2	4874.46	30.14	54.00	-23.86	28.68	3.33	33.16	35.03	Average	100	190	VERTICAL
3	7310.84	34.60	54.00	-19.40	29.98	4.06	35.96	35.40	Average	120	109	VERTICAL
4	7312.61	48.72	74.00	-25.28	44.10	4.06	35.96	35.40	Peak	120	109	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz Ch 9 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4903.76	29.08	54.00	-24.92	27.57	3.34	33.19	35.02	Average	100	158	HORIZONTAL
2	4904.60	42.17	74.00	-31.83	40.66	3.34	33.19	35.02	Peak	100	158	HORIZONTAL
3	7356.25	32.43	54.00	-21.57	27.75	4.06	36.02	35.40	Average	100	131	HORIZONTAL
4	7356.84	45.71	74.00	-28.29	41.03	4.06	36.02	35.40	Peak	100	131	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4903.11	42.40	74.00	-31.60	40.89	3.34	33.19	35.02	Peak	100	149	VERTICAL
2	4904.82	29.11	54.00	-24.89	27.56	3.34	33.23	35.02	Average	100	149	VERTICAL
3	7355.89	32.52	54.00	-21.48	27.84	4.06	36.02	35.40	Average	100	281	VERTICAL
4	7356.54	45.63	74.00	-28.37	40.95	4.06	36.02	35.40	Peak	100	281	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 1 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.99	41.08	54.00	-12.92	39.74	3.31	33.06	35.03	Average	144	64	HORIZONTAL
2	4824.17	47.20	74.00	-26.80	45.86	3.31	33.06	35.03	Peak	144	64	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.92	46.37	74.00	-27.63	45.03	3.31	33.06	35.03	Peak	100	51	VERTICAL
2	4823.99	38.54	54.00	-15.46	37.20	3.31	33.06	35.03	Average	100	51	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 6 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.08	29.57	54.00	-24.43	28.11	3.33	33.16	35.03	Average	100	240	HORIZONTAL
2	4874.14	41.89	74.00	-32.11	40.43	3.33	33.16	35.03	Peak	100	240	HORIZONTAL
3	7309.26	46.65	74.00	-27.35	42.03	4.06	35.96	35.40	Peak	166	20	HORIZONTAL
4	7310.31	34.41	54.00	-19.59	29.79	4.06	35.96	35.40	Average	166	20	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4873.70	42.81	74.00	-31.19	41.35	3.33	33.16	35.03	Peak	100	155	VERTICAL
2	4873.97	30.99	54.00	-23.01	29.53	3.33	33.16	35.03	Average	100	155	VERTICAL
3	7310.15	35.28	54.00	-18.72	30.66	4.06	35.96	35.40	Average	100	21	VERTICAL
4	7311.69	46.56	74.00	-27.44	41.94	4.06	35.96	35.40	Peak	100	21	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11b CH 11 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.84	42.80	74.00	-31.20	41.20	3.35	33.26	35.01	Peak	158	86	HORIZONTAL
2	4924.00	30.49	54.00	-23.51	28.89	3.35	33.26	35.01	Average	158	86	HORIZONTAL
3	7386.67	45.71	74.00	-28.29	40.96	4.06	36.09	35.40	Peak	100	194	HORIZONTAL
4	7386.81	33.21	54.00	-20.79	28.46	4.06	36.09	35.40	Average	100	194	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.89	44.06	74.00	-29.94	42.46	3.35	33.26	35.01	Peak	100	184	VERTICAL
2	4923.90	33.72	54.00	-20.28	32.12	3.35	33.26	35.01	Average	100	184	VERTICAL
3	7386.57	34.82	54.00	-19.18	30.07	4.06	36.09	35.40	Average	100	20	VERTICAL
4	7386.64	47.43	74.00	-26.57	42.68	4.06	36.09	35.40	Peak	100	20	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 1 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.43	42.59	74.00	-31.41	41.25	3.31	33.06	35.03	Peak	100	209	HORIZONTAL
2	4824.80	29.67	54.00	-24.33	28.33	3.31	33.06	35.03	Average	100	209	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4823.34	29.91	54.00	-24.09	28.57	3.31	33.06	35.03	Average	100	165	VERTICAL
2	4824.62	42.71	74.00	-31.29	41.37	3.31	33.06	35.03	Peak	100	165	VERTICAL

Temperature	20°C	Humidity	70%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 6 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.49	41.69	74.00	-32.31	40.23	3.33	33.16	35.03	Peak	100	216	HORIZONTAL
2	4874.56	29.21	54.00	-24.79	27.75	3.33	33.16	35.03	Average	100	216	HORIZONTAL
3	7309.95	32.99	54.00	-21.01	28.37	4.06	35.96	35.40	Average	100	262	HORIZONTAL
4	7310.13	45.19	74.00	-28.81	40.57	4.06	35.96	35.40	Peak	100	262	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4874.35	29.26	54.00	-24.74	27.80	3.33	33.16	35.03	Average	100	251	VERTICAL
2	4874.80	41.41	74.00	-32.59	39.95	3.33	33.16	35.03	Peak	100	251	VERTICAL
3	7309.45	46.08	74.00	-27.92	41.46	4.06	35.96	35.40	Peak	105	96	VERTICAL
4	7311.46	33.32	54.00	-20.68	28.70	4.06	35.96	35.40	Average	105	96	VERTICAL



Temperature	20°C	Humidity	70%
Test Engineer	Dennis Su	Configurations	IEEE 802.11g CH 11 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 14

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.64	29.75	54.00	-24.25	28.15	3.35	33.26	35.01	Average	100	157	HORIZONTAL
2	4924.16	42.15	74.00	-31.85	40.55	3.35	33.26	35.01	Peak	100	157	HORIZONTAL
3	7387.26	45.33	74.00	-28.67	40.58	4.06	36.09	35.40	Peak	100	190	HORIZONTAL
4	7387.43	33.02	54.00	-20.98	28.27	4.06	36.09	35.40	Average	100	190	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	4923.85	29.56	54.00	-24.44	27.96	3.35	33.26	35.01	Average	100	215	VERTICAL
2	4924.42	42.38	74.00	-31.62	40.78	3.35	33.26	35.01	Peak	100	215	VERTICAL
3	7384.44	45.34	74.00	-28.66	40.59	4.06	36.09	35.40	Peak	100	284	VERTICAL
4	7385.76	33.13	54.00	-20.87	28.38	4.06	36.09	35.40	Average	100	284	VERTICAL

Temperature	24°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz CH 149 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11485.96	50.88	74.00	-23.12	42.27	5.11	38.78	35.28	Peak	100	186	HORIZONTAL
2	11492.40	37.86	54.00	-16.14	29.25	5.11	38.78	35.28	Average	100	186	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11495.67	37.48	54.00	-16.52	28.86	5.12	38.78	35.28	Average	100	213	VERTICAL
2	11496.31	49.89	74.00	-24.11	41.27	5.12	38.78	35.28	Peak	100	213	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz CH 157 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11563.85	37.05	54.00	-16.95	28.40	5.13	38.82	35.30	Average	100	238	HORIZONTAL
2	11568.21	49.97	74.00	-24.03	41.31	5.13	38.83	35.30	Peak	100	238	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11560.29	50.22	74.00	-23.78	41.57	5.13	38.82	35.30	Peak	100	103	VERTICAL
2	11569.42	37.21	54.00	-16.79	28.55	5.13	38.83	35.30	Average	100	103	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 20MHz CH 165 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11649.39	37.20	54.00	-16.80	28.48	5.16	38.86	35.30	Average	100	238	HORIZONTAL
2	11649.65	49.67	74.00	-24.33	40.95	5.16	38.86	35.30	Peak	100	238	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11648.33	37.56	54.00	-16.44	28.84	5.16	38.86	35.30	Average	100	130	VERTICAL
2	11652.88	50.50	74.00	-23.50	41.78	5.16	38.86	35.30	Peak	100	130	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz CH 151 / Chain 1 (1TX, 2RX)
Test Date	Feb. 03, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11501.44	37.40	54.00	-16.60	28.77	5.12	38.79	35.28	Average	100	217	HORIZONTAL
2	11507.31	50.53	74.00	-23.47	41.90	5.12	38.79	35.28	Peak	100	217	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11510.48	37.41	54.00	-16.59	28.78	5.12	38.79	35.28	Average	100	172	VERTICAL
2	11512.95	50.43	74.00	-23.57	41.80	5.12	38.79	35.28	Peak	100	172	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11n MCS0 40MHz CH 159 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11582.92	50.52	74.00	-23.48	41.85	5.14	38.83	35.30	Peak	100	225	HORIZONTAL
2	11596.12	37.31	54.00	-16.69	28.63	5.15	38.83	35.30	Average	100	225	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11582.53	50.70	74.00	-23.30	42.03	5.14	38.83	35.30	Peak	100	142	VERTICAL
2	11596.54	37.47	54.00	-16.53	28.79	5.15	38.83	35.30	Average	100	142	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11a CH 149 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11488.27	37.45	54.00	-16.55	28.84	5.11	38.78	35.28	Average	100	247	HORIZONTAL
2	11489.55	50.26	74.00	-23.74	41.65	5.11	38.78	35.28	Peak	100	247	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11489.41	50.12	74.00	-23.88	41.51	5.11	38.78	35.28	Peak	100	158	VERTICAL
2	11495.00	37.38	54.00	-16.62	28.76	5.12	38.78	35.28	Average	100	158	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11a CH 157 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11576.76	37.16	54.00	-16.84	28.49	5.14	38.83	35.30	Average	100	70	HORIZONTAL
2	11579.04	50.01	74.00	-23.99	41.34	5.14	38.83	35.30	Peak	100	70	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11562.02	49.56	74.00	-24.44	40.91	5.13	38.82	35.30	Peak	100	230	VERTICAL
2	11573.11	37.26	54.00	-16.74	28.59	5.14	38.83	35.30	Average	100	230	VERTICAL

Temperature	24.5°C	Humidity	56%
Test Engineer	Dennis Su	Configurations	IEEE 802.11a CH 165 / Chain 1 (1TX, 2RX)
Test Date	Feb. 07, 2012	Test Mode	Mode 15

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11644.42	37.24	54.00	-16.76	28.52	5.16	38.86	35.30	Average	100	275	HORIZONTAL
2	11657.56	50.42	74.00	-23.58	41.70	5.16	38.86	35.30	Peak	100	275	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	11641.86	37.34	54.00	-16.66	28.62	5.16	38.86	35.30	Average	100	174	VERTICAL
2	11650.99	50.27	74.00	-23.73	41.55	5.16	38.86	35.30	Peak	100	174	VERTICAL

Note:

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

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

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

4.6. Band Edge Emissions Measurement

4.6.1. Limit

20dBc 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
RB / VB (Emission in restricted band)	1 MHz / 3MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	100 KHz /100 KHz for Peak

4.6.3. Test Procedures

1. The test procedure is the same as section 4.5.3, only the frequency range investigated is limited to 100MHz around bandedges.
2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

4.6.4. Test Setup Layout

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

4.6.5. Test Deviation

There is no deviation with the original standard.

4.6.6. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.6.7. Test Result of Band Edge and Fundamental Emissions

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 1

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.52	68.21	74.00	-5.79	37.83	2.21	28.17	0.00	Peak	148	93	HORIZONTAL
2	2390.00	52.43	54.00	-1.57	22.04	2.22	28.17	0.00	Average	148	93	HORIZONTAL
3	2416.97	102.87	54.00			2.23	28.25	0.00	Average	148	93	HORIZONTAL
4	2418.41	112.45	74.00			2.23	28.25	0.00	Peak	148	93	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.97	54.00	-1.03	22.58	2.22	28.17	0.00	Average	139	94	HORIZONTAL
2	2390.00	65.41	74.00	-8.59	35.02	2.22	28.17	0.00	Peak	139	94	HORIZONTAL
3	2433.15	122.61	74.00			2.23	28.25	0.00	Peak	139	94	HORIZONTAL
4	2433.64	112.65	54.00			2.23	28.25	0.00	Average	139	94	HORIZONTAL
5	2483.50	52.00	54.00	-2.00	21.36	2.26	28.38	0.00	Average	139	94	HORIZONTAL
6	2483.98	68.27	74.00	-5.73	37.63	2.26	28.38	0.00	Peak	139	94	HORIZONTAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2456.23	113.45	74.00			2.24	28.33	0.00	Peak	146	272	HORIZONTAL
2	2456.71	103.31	54.00			2.24	28.33	0.00	Average	146	272	HORIZONTAL
3	2483.50	52.53	54.00	-1.47	21.89	2.26	28.38	0.00	Average	146	272	HORIZONTAL
4	2485.10	70.52	74.00	-3.48	39.84	2.26	28.42	0.00	Peak	146	272	HORIZONTAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 1

Channel 3

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	2389.68	68.06	74.00	-5.94	37.68	2.21	28.17	0.00 Peak	149	268	HORIZONTAL
2	2390.00	52.82	54.00	-1.18	22.43	2.22	28.17	0.00 Average	149	268	HORIZONTAL
3	2418.80	106.60	74.00			2.23	28.25	0.00 Peak	149	268	HORIZONTAL
4	2420.40	97.59	54.00			2.23	28.25	0.00 Average	149	268	HORIZONTAL

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

Channel 6

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	2389.68	67.07	74.00	-6.93	36.69	2.21	28.17	0.00 Peak	142	278	HORIZONTAL
2	2390.00	52.54	54.00	-1.46	22.15	2.22	28.17	0.00 Average	142	278	HORIZONTAL
3	2435.40	99.46	54.00			2.23	28.29	0.00 Average	142	278	HORIZONTAL
4	2438.92	109.66	74.00			2.23	28.29	0.00 Peak	142	278	HORIZONTAL
5	2483.50	49.91	54.00	-4.09	19.27	2.26	28.38	0.00 Average	142	278	HORIZONTAL
6	2484.14	64.02	74.00	-9.98	33.38	2.26	28.38	0.00 Peak	142	278	HORIZONTAL

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

Channel 9

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	2434.37	96.16	54.00			2.23	28.29	0.00 Average	126	268	HORIZONTAL
2	2434.69	105.73	74.00			2.23	28.29	0.00 Peak	126	268	HORIZONTAL
3	2483.50	52.91	54.00	-1.09	22.27	2.26	28.38	0.00 Average	126	268	HORIZONTAL
4	2485.74	66.75	74.00	-7.25	36.07	2.26	28.42	0.00 Peak	126	268	HORIZONTAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 2 (1TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 1

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2386.20	52.67	54.00	-1.33	22.29	2.21	28.17	0.00	Average	145	292	HORIZONTAL
2	2387.40	60.76	74.00	-13.24	30.38	2.21	28.17	0.00	Peak	145	292	HORIZONTAL
3	2410.20	109.48	54.00			2.22	28.21	0.00	Average	145	292	HORIZONTAL
4	2411.20	112.83	74.00			2.22	28.21	0.00	Peak	145	292	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.00	49.30	54.00	-4.70	18.92	2.21	28.17	0.00	Average	141	83	HORIZONTAL
2	2389.40	61.96	74.00	-12.04	31.58	2.21	28.17	0.00	Peak	141	83	HORIZONTAL
3	2435.20	112.69	54.00			2.23	28.29	0.00	Average	141	83	HORIZONTAL
4	2436.20	116.09	74.00			2.23	28.29	0.00	Peak	141	83	HORIZONTAL
5	2483.50	45.05	54.00	-8.95	14.41	2.26	28.38	0.00	Average	141	83	HORIZONTAL
6	2485.30	57.60	74.00	-16.40	26.92	2.26	28.42	0.00	Peak	141	83	HORIZONTAL

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2460.20	109.19	54.00			2.24	28.33	0.00	Average	110	88	HORIZONTAL
2	2461.20	112.62	74.00			2.24	28.33	0.00	Peak	110	88	HORIZONTAL
3	2487.70	52.63	54.00	-1.37	21.95	2.26	28.42	0.00	Average	110	88	HORIZONTAL
4	2488.10	59.75	74.00	-14.25	29.07	2.26	28.42	0.00	Peak	110	88	HORIZONTAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 1

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.54	54.00	-1.46	22.15	2.22	28.17	0.00	Average	138	97	HORIZONTAL
2	2390.00	68.69	74.00	-5.31	38.30	2.22	28.17	0.00	Peak	138	97	HORIZONTAL
3	2415.80	104.99	54.00			2.23	28.21	0.00	Average	138	97	HORIZONTAL
4	2415.80	114.88	74.00			2.23	28.21	0.00	Peak	138	97	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2387.00	52.50	54.00	-1.50	22.12	2.21	28.17	0.00	Average	141	96	HORIZONTAL
2	2387.40	66.35	74.00	-7.65	35.97	2.21	28.17	0.00	Peak	141	96	HORIZONTAL
3	2438.80	121.93	74.00			2.23	28.29	0.00	Peak	141	96	HORIZONTAL
4	2439.40	111.72	54.00			2.23	28.29	0.00	Average	141	96	HORIZONTAL
5	2485.70	63.97	74.00	-10.03	33.29	2.26	28.42	0.00	Peak	141	96	HORIZONTAL
6	2486.00	48.75	54.00	-5.25	18.07	2.26	28.42	0.00	Average	141	96	HORIZONTAL

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

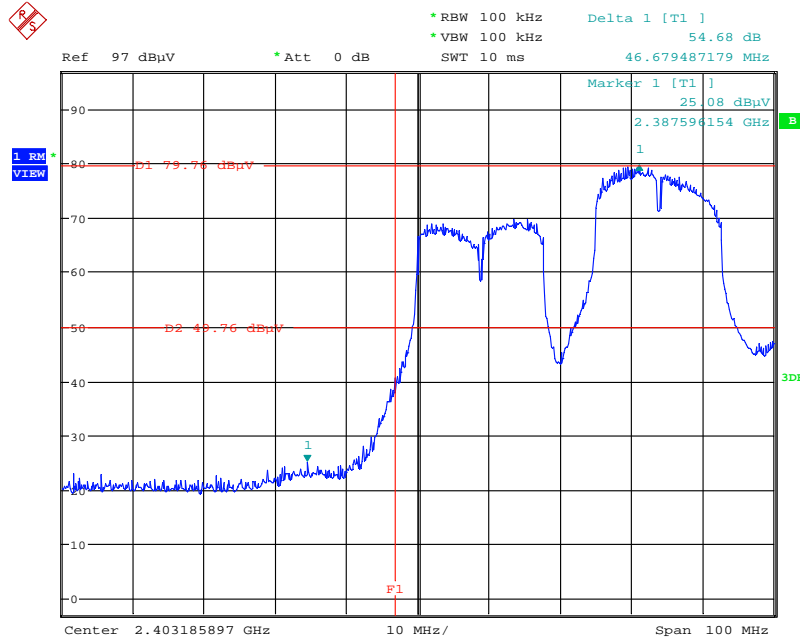
Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2454.60	114.02	74.00			2.24	28.33	0.00	Peak	136	97	HORIZONTAL
2	2455.00	104.53	54.00			2.24	28.33	0.00	Average	136	97	HORIZONTAL
3	2483.50	52.67	54.00	-1.33	22.03	2.26	28.38	0.00	Average	136	97	HORIZONTAL
4	2484.30	69.09	74.00	-4.91	38.45	2.26	28.38	0.00	Peak	136	97	HORIZONTAL

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

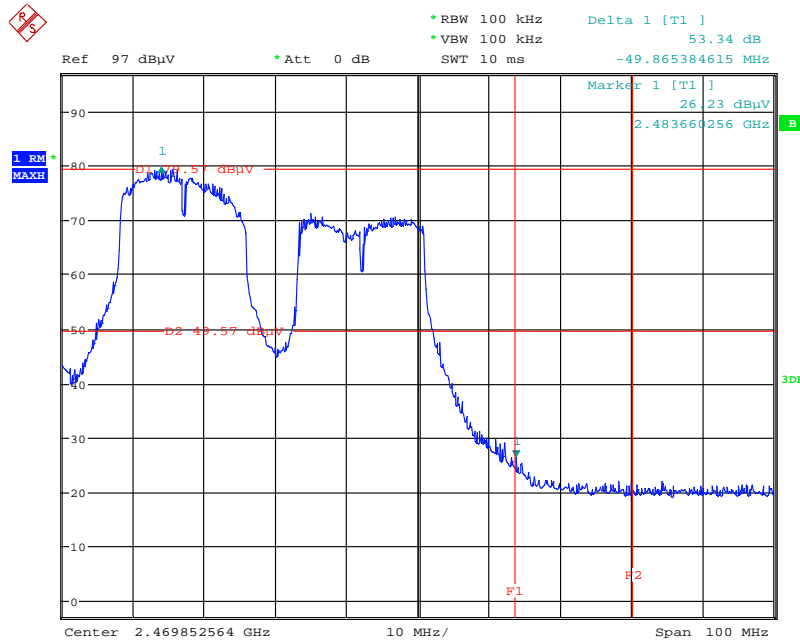
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 2412 MHz / Mode 1 (2TX, 2RX)



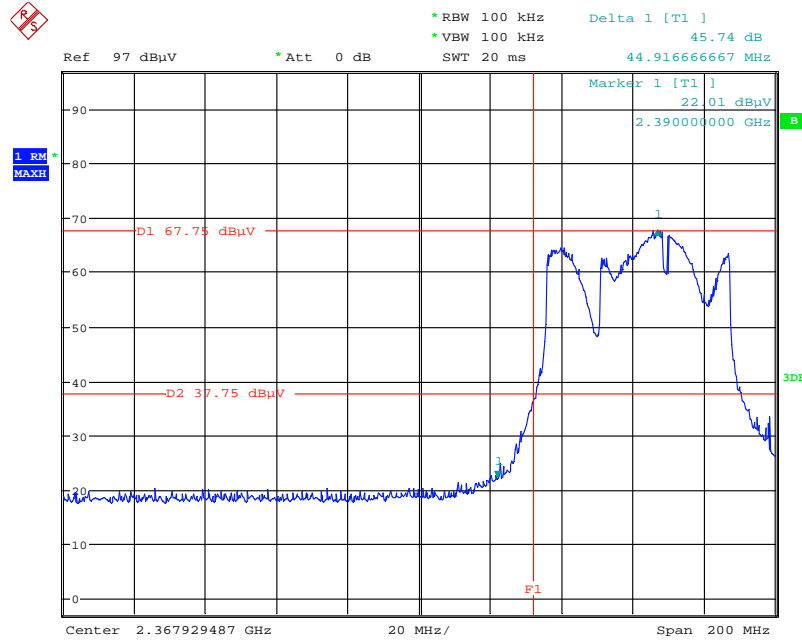
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High Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 2462 MHz / Mode 1 (2TX, 2RX)



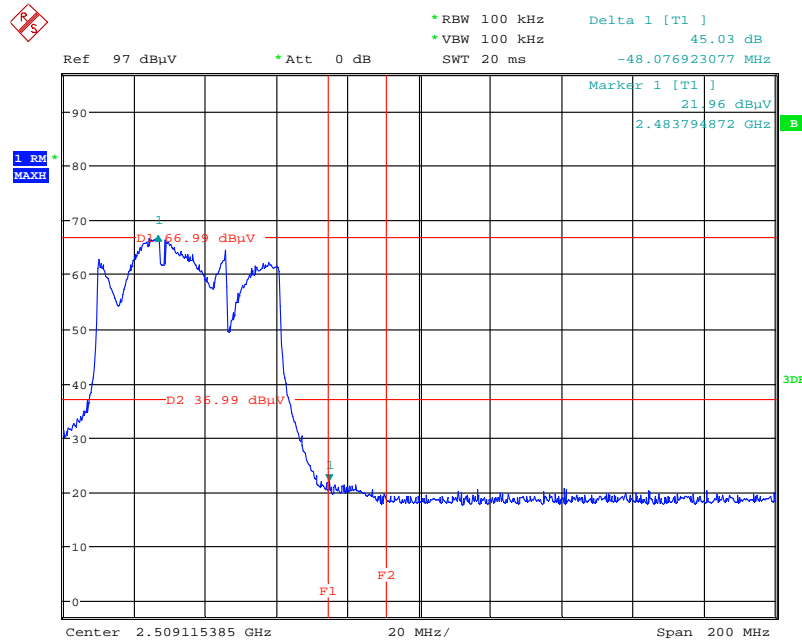
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Low Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 2422 MHz / Mode 1 (2TX, 2RX)



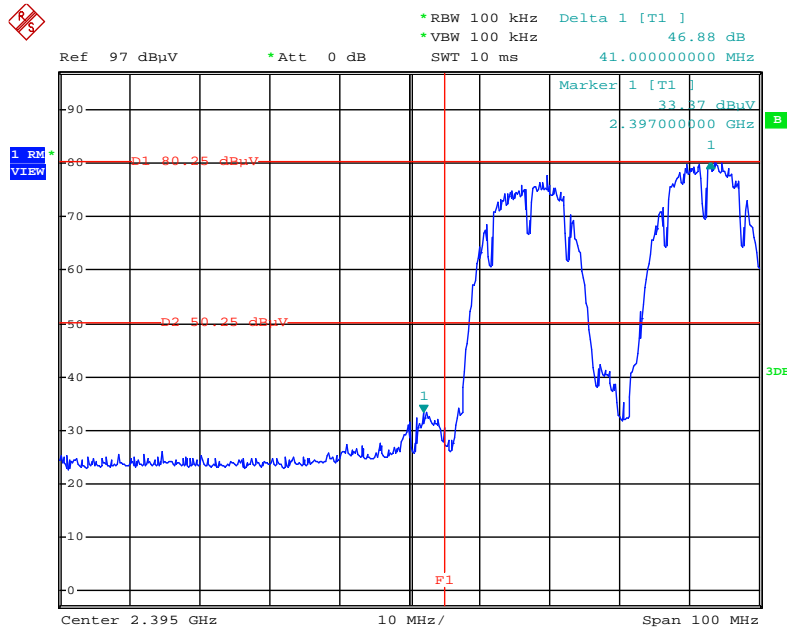
Date: 17.JAN.2012 00:04:23

High Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 2452 MHz / Mode 1 (2TX, 2RX)



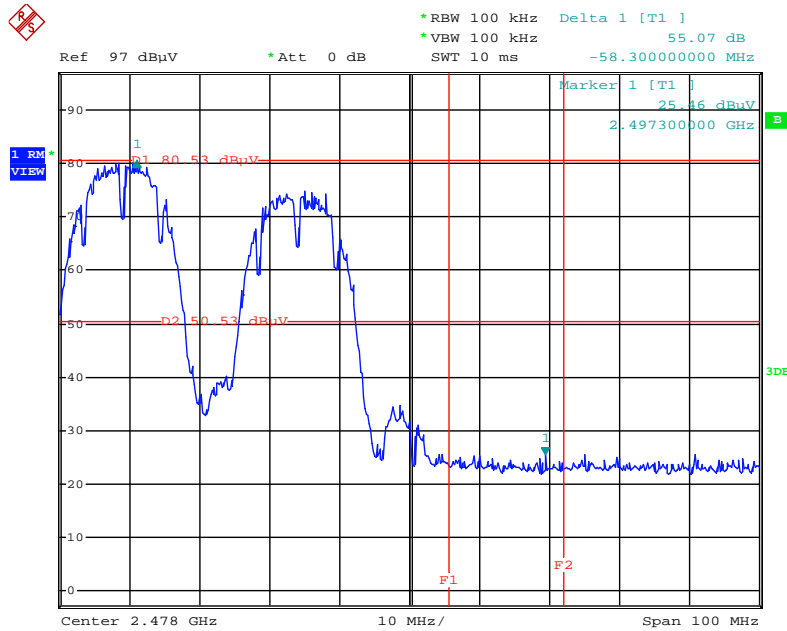
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Low Band Edge Plot on Configuration IEEE 802.11b / Chain 2 / 2412 MHz / Mode 1 (1TX, 2RX)



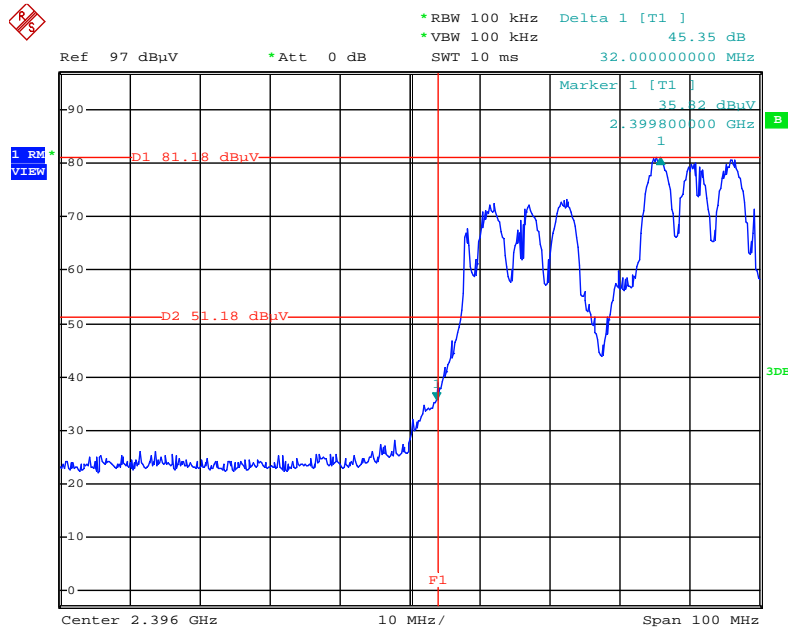
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High Band Edge Plot on Configuration IEEE 802.11b / Chain 2 / 2462 MHz / Mode 1 (1TX, 2RX)



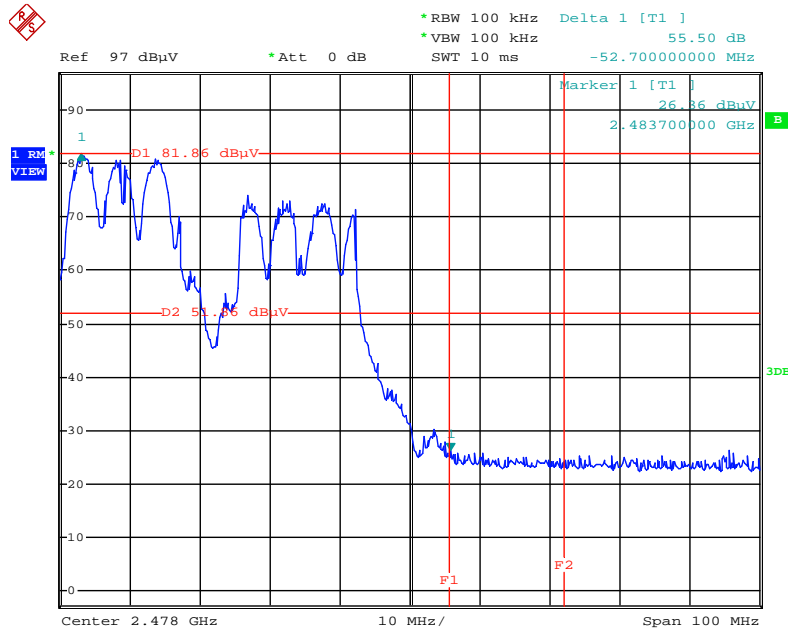
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Low Band Edge Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2412 MHz / Mode 1 (2TX, 2RX)



Date: 27.DEC.2011 10:21:17

High Band Edge Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2462 MHz / Mode 1 (2TX, 2RX)



Date: 27.DEC.2011 10:22:47

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 2

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2388.24	72.53	74.00	-1.47	42.15	2.21	28.17	0.00	Peak	100	248	HORIZONTAL
2	2390.00	50.97	54.00	-3.03	20.58	2.22	28.17	0.00	Average	100	248	HORIZONTAL
3	2407.99	103.47	54.00			2.22	28.21	0.00	Average	100	248	HORIZONTAL
4	2408.31	113.70	74.00			2.22	28.21	0.00	Peak	100	248	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.68	67.00	74.00	-7.00	36.62	2.21	28.17	0.00	Peak	100	255	HORIZONTAL
2	2390.00	52.11	54.00	-1.89	21.72	2.22	28.17	0.00	Average	100	255	HORIZONTAL
3	2429.15	106.26	54.00			2.23	28.25	0.00	Average	100	255	HORIZONTAL
4	2429.95	116.36	74.00			2.23	28.25	0.00	Peak	100	255	HORIZONTAL
5	2483.50	49.26	54.00	-4.74	18.62	2.26	28.38	0.00	Average	100	255	HORIZONTAL
6	2483.50	61.90	74.00	-12.10	31.26	2.26	28.38	0.00	Peak	100	255	HORIZONTAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2467.61	99.48	54.00			2.26	28.33	0.00	Average	100	250	HORIZONTAL
2	2468.25	109.05	74.00			2.26	28.38	0.00	Peak	100	250	HORIZONTAL
3	2483.50	52.46	54.00	-1.54	21.82	2.26	28.38	0.00	Average	100	250	HORIZONTAL
4	2484.30	67.52	74.00	-6.48	36.88	2.26	28.38	0.00	Peak	100	250	HORIZONTAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 2

Channel 3

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	2390.00	52.78	54.00	-1.22	22.39	2.22	28.17	0.00 Average	101	249	HORIZONTAL
2	2390.00	68.57	74.00	-5.43	38.18	2.22	28.17	0.00 Peak	101	249	HORIZONTAL
3	2414.31	106.29	74.00			2.22	28.21	0.00 Peak	101	249	HORIZONTAL
4	2414.63	96.25	54.00			2.22	28.21	0.00 Average	101	249	HORIZONTAL

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

Channel 6

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	2390.00	50.05	54.00	-3.95	19.66	2.22	28.17	0.00 Average	149	219	HORIZONTAL
2	2390.00	65.28	74.00	-8.72	34.89	2.22	28.17	0.00 Peak	149	219	HORIZONTAL
3	2429.31	99.02	54.00			2.23	28.25	0.00 Average	149	219	HORIZONTAL
4	2431.23	108.61	74.00			2.23	28.25	0.00 Peak	149	219	HORIZONTAL
5	2483.50	52.85	54.00	-1.15	22.21	2.26	28.38	0.00 Average	149	219	HORIZONTAL
6	2484.46	71.88	74.00	-2.12	41.24	2.26	28.38	0.00 Peak	149	219	HORIZONTAL

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

Channel 9

	Freq	Level	Limit	Over	Read	CableAntenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	2434.69	96.55	54.00			2.23	28.29	0.00 Average	152	219	HORIZONTAL
2	2434.69	106.14	74.00			2.23	28.29	0.00 Peak	152	219	HORIZONTAL
3	2483.50	52.85	54.00	-1.15	22.21	2.26	28.38	0.00 Average	152	219	HORIZONTAL
4	2483.50	69.51	74.00	-4.49	38.87	2.26	28.38	0.00 Peak	152	219	HORIZONTAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 (1TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 2

Channel 1

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	2386.00	45.74	54.00	-8.26	15.36	2.21	28.17	0.00	Average	128	28	HORIZONTAL
2	2386.00	55.77	74.00	-18.23	25.39	2.21	28.17	0.00	Peak	128	28	HORIZONTAL
3	2410.20	105.30	54.00			2.22	28.21	0.00	Average	128	28	HORIZONTAL
4	2411.20	108.69	74.00			2.22	28.21	0.00	Peak	128	28	HORIZONTAL

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

Channel 6

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	2389.60	55.18	74.00	-18.82	24.80	2.21	28.17	0.00	Peak	183	202	HORIZONTAL
2	2390.00	44.41	54.00	-9.59	14.02	2.22	28.17	0.00	Average	183	202	HORIZONTAL
3	2435.20	102.69	54.00			2.23	28.29	0.00	Average	183	202	HORIZONTAL
4	2436.20	106.01	74.00			2.23	28.29	0.00	Peak	183	202	HORIZONTAL
5	2483.50	42.59	54.00	-11.41	11.95	2.26	28.38	0.00	Average	183	202	HORIZONTAL
6	2485.90	52.92	74.00	-21.08	22.24	2.26	28.42	0.00	Peak	183	202	HORIZONTAL

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

Channel 11

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	Loss	Factor	Factor		cm	deg	
1	2460.20	103.41	54.00			2.24	28.33	0.00	Average	128	31	HORIZONTAL
2	2461.20	106.70	74.00			2.24	28.33	0.00	Peak	128	31	HORIZONTAL
3	2486.70	55.75	74.00	-18.25	25.07	2.26	28.42	0.00	Peak	128	31	HORIZONTAL
4	2487.70	46.35	54.00	-7.65	15.67	2.26	28.42	0.00	Average	128	31	HORIZONTAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 2

Channel 1

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.80	72.97	74.00	-1.03	42.58	2.22	28.17	0.00	Peak	228	272	HORIZONTAL
2	2390.00	51.16	54.00	-2.84	20.77	2.22	28.17	0.00	Average	228	272	HORIZONTAL
3	2404.40	113.33	74.00			2.22	28.21	0.00	Peak	228	272	HORIZONTAL
4	2404.60	103.34	54.00			2.22	28.21	0.00	Average	228	272	HORIZONTAL

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

Channel 6

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.40	52.04	54.00	-1.96	21.66	2.21	28.17	0.00	Average	121	275	HORIZONTAL
2	2389.40	66.47	74.00	-7.53	36.09	2.21	28.17	0.00	Peak	121	275	HORIZONTAL
3	2431.60	117.51	74.00			2.23	28.25	0.00	Peak	121	275	HORIZONTAL
4	2431.80	108.20	54.00			2.23	28.25	0.00	Average	121	275	HORIZONTAL
5	2483.50	64.77	74.00	-9.23	34.13	2.26	28.38	0.00	Peak	121	275	HORIZONTAL
6	2484.30	50.10	54.00	-3.90	19.46	2.26	28.38	0.00	Average	121	275	HORIZONTAL

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

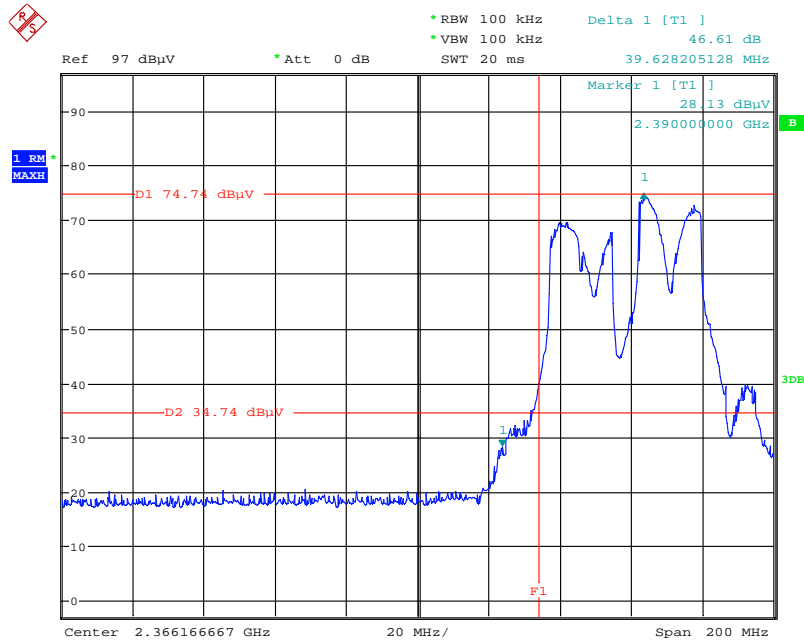
Channel 11

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2459.00	103.88	54.00			2.24	28.33	0.00	Average	212	258	HORIZONTAL
2	2459.20	113.35	74.00			2.24	28.33	0.00	Peak	212	258	HORIZONTAL
3	2483.50	52.83	54.00	-1.17	22.19	2.26	28.38	0.00	Average	212	258	HORIZONTAL
4	2483.50	68.68	74.00	-5.32	38.04	2.26	28.38	0.00	Peak	212	258	HORIZONTAL

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

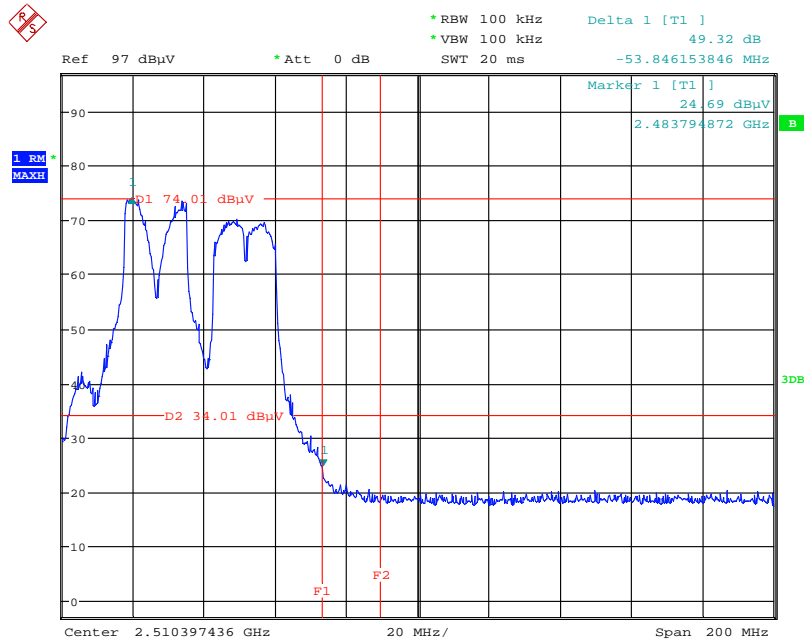
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 2412 MHz / Mode 2 (2TX, 2RX)



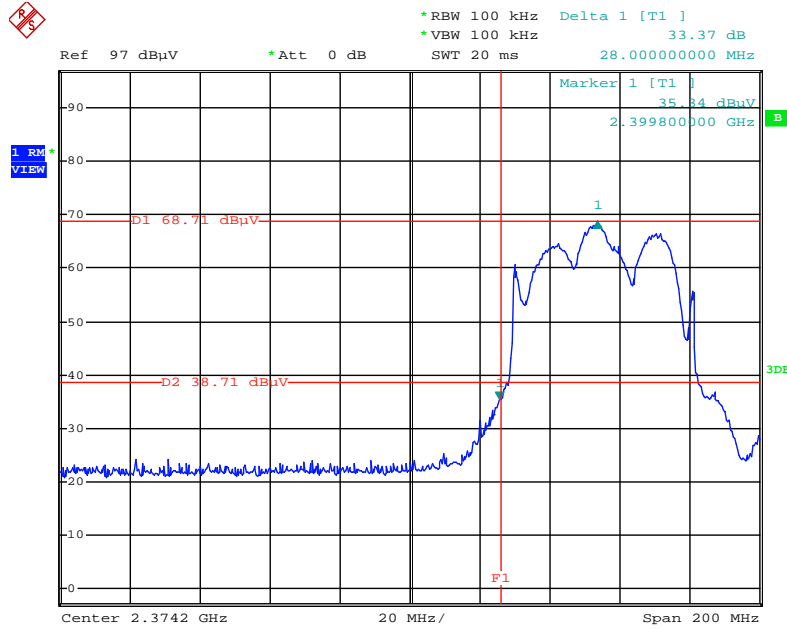
Date: 17.JAN.2012 01:06:29

High Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 2462 MHz / Mode 2 (2TX, 2RX)



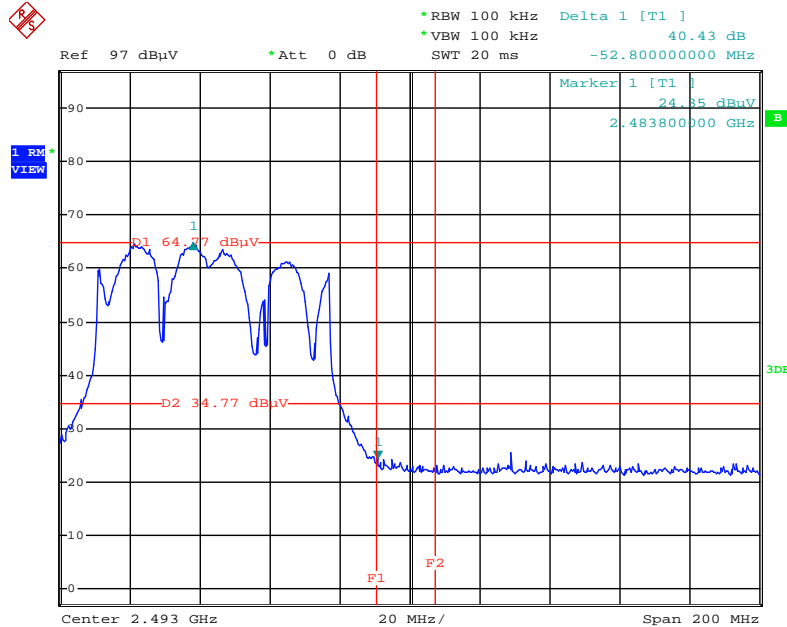
Date: 17.JAN.2012 01:09:53

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 2422 MHz / Mode 2 (2TX, 2RX)



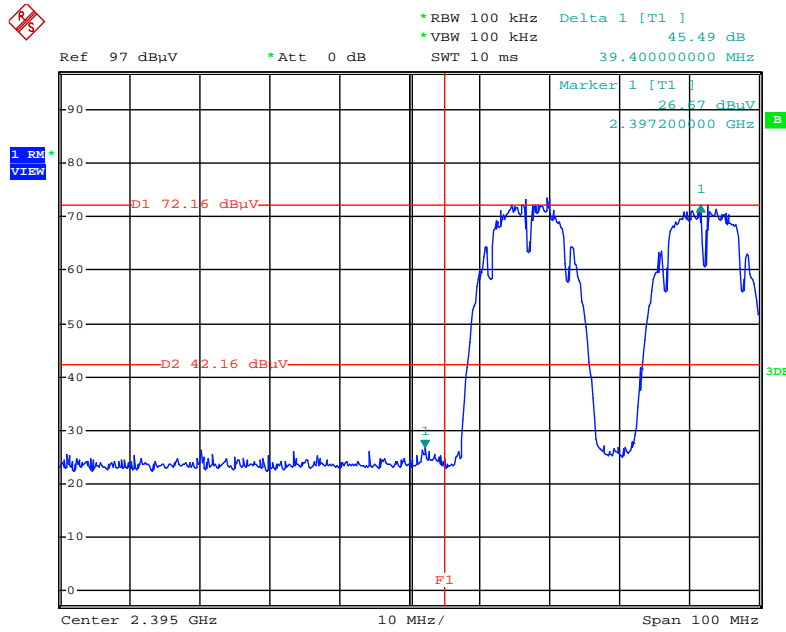
Date: 17.JAN.2012 20:29:18

High Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 2452 MHz / Mode 2 (2TX, 2RX)



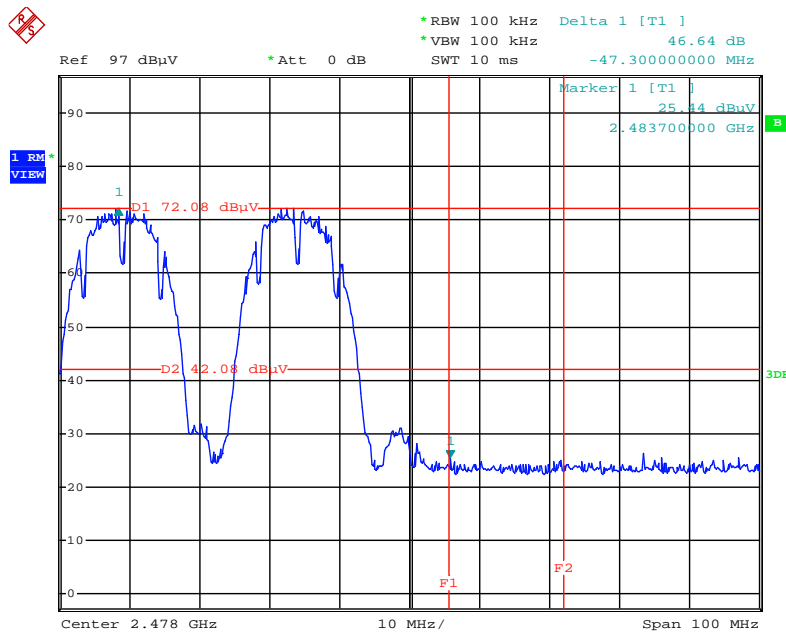
Date: 17.JAN.2012 20:34:19

Low Band Edge Plot on Configuration IEEE 802.11b / Chain 1 / 2412 MHz / Mode 2 (1TX, 2RX)



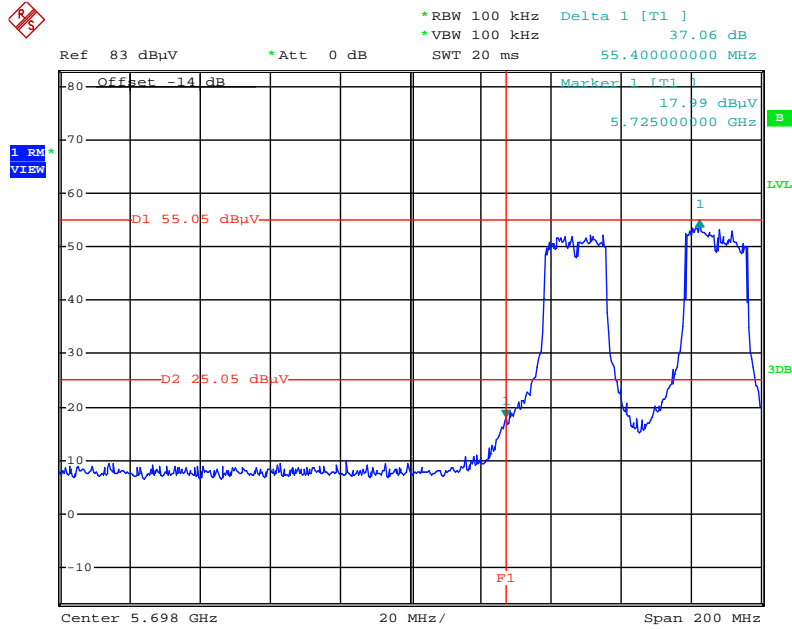
Date: 27.DEC.2011 11:12:52

High Band Edge Plot on Configuration IEEE 802.11b / Chain 1 / 2462 MHz / Mode 2 (1TX, 2RX)



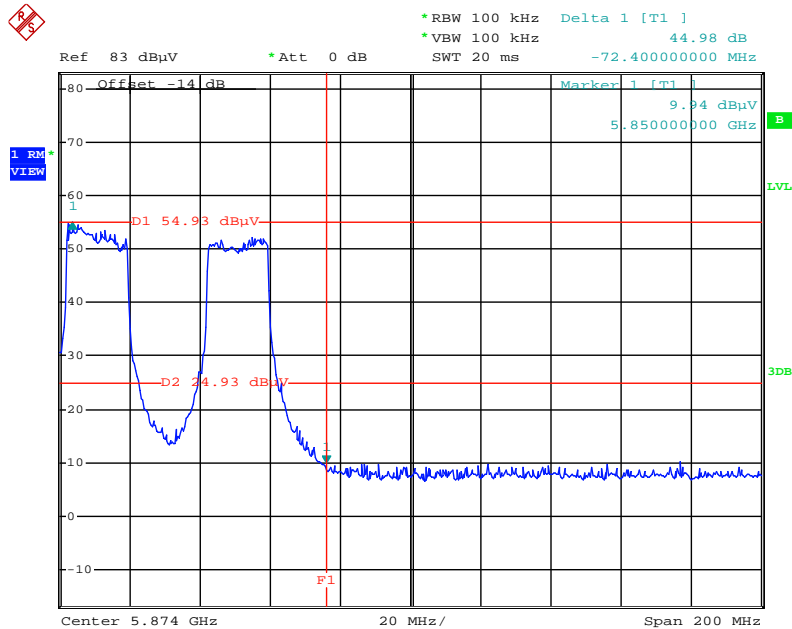
Date: 27.DEC.2011 11:20:06

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 5745 MHz/ Mode 3 (2TX, 2RX)



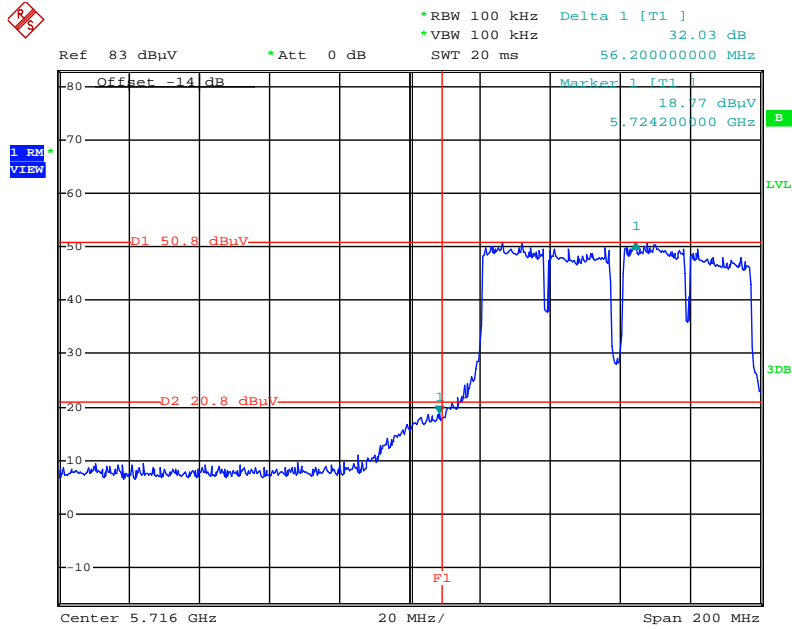
Date: 27.DEC.2011 13:51:50

High Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 5825 MHz/ Mode 3 (2TX, 2RX)



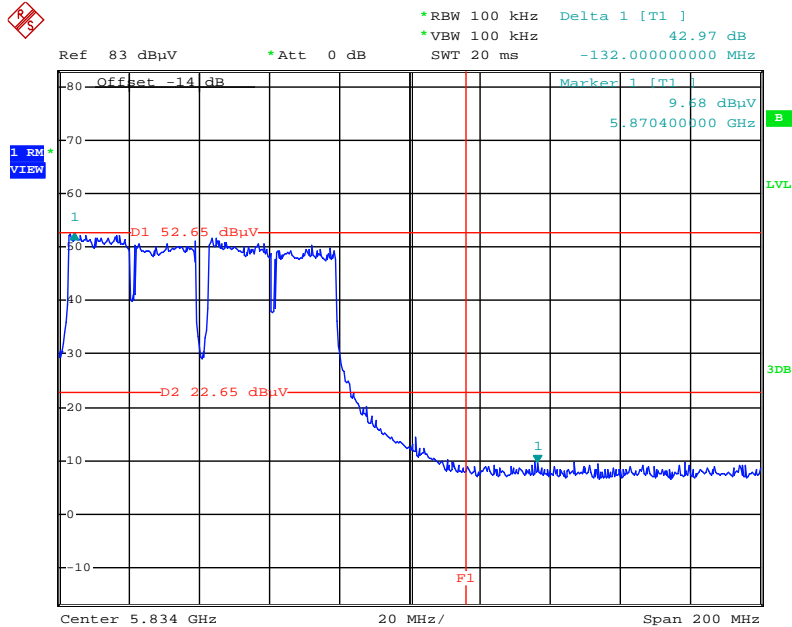
Date: 27.DEC.2011 13:49:02

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 5755 MHz / Mode 3 (2TX, 2RX)



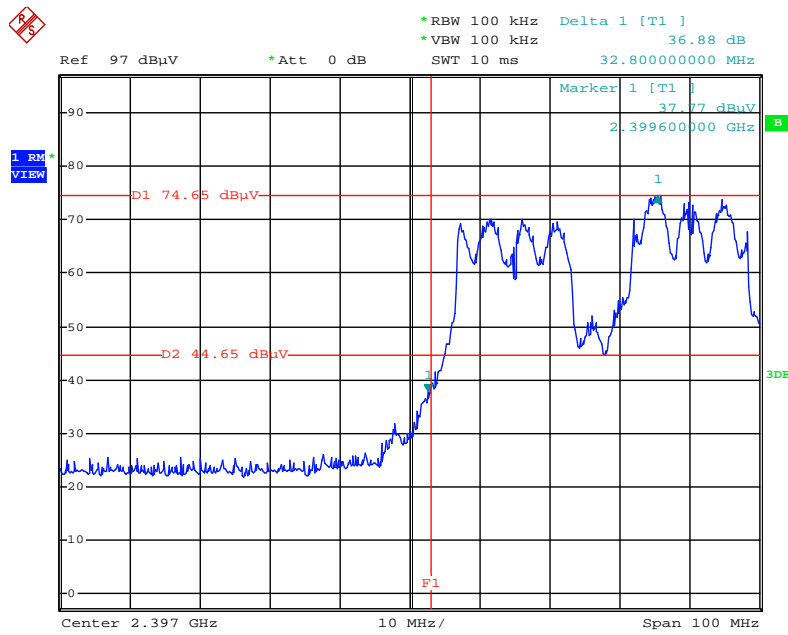
Date: 27.DEC.2011 14:15:19

High Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 5795 MHz / Mode 2 (2TX, 2RX)



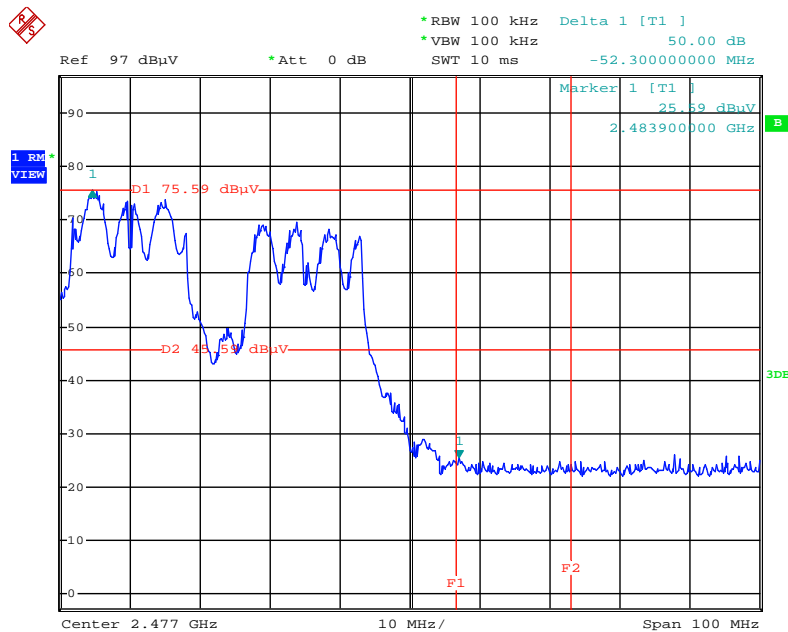
Date: 27.DEC.2011 14:09:57

Low Band Edge Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2412 MHz / Mode 2 (2TX, 2RX)



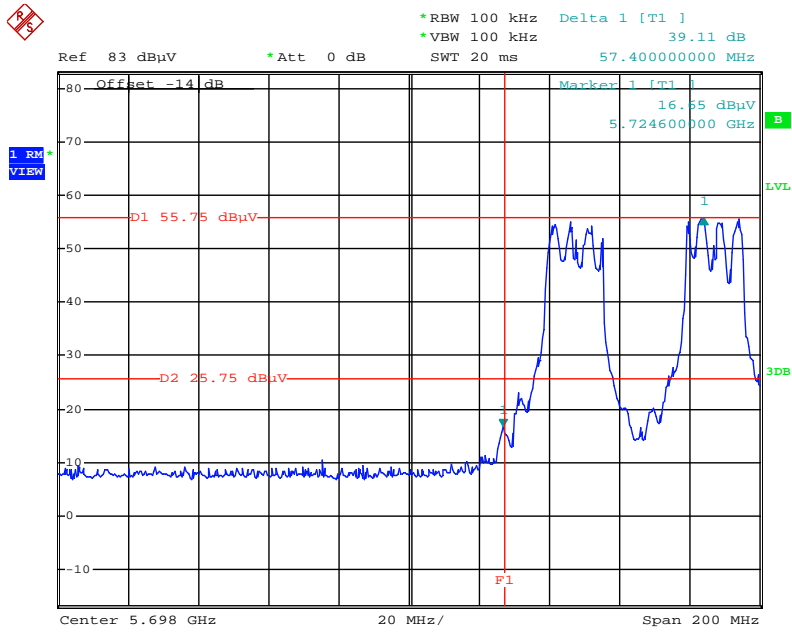
Date: 27.DEC.2011 11:43:00

High Band Edge Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2462 MHz / Mode 2 (2TX, 2RX)



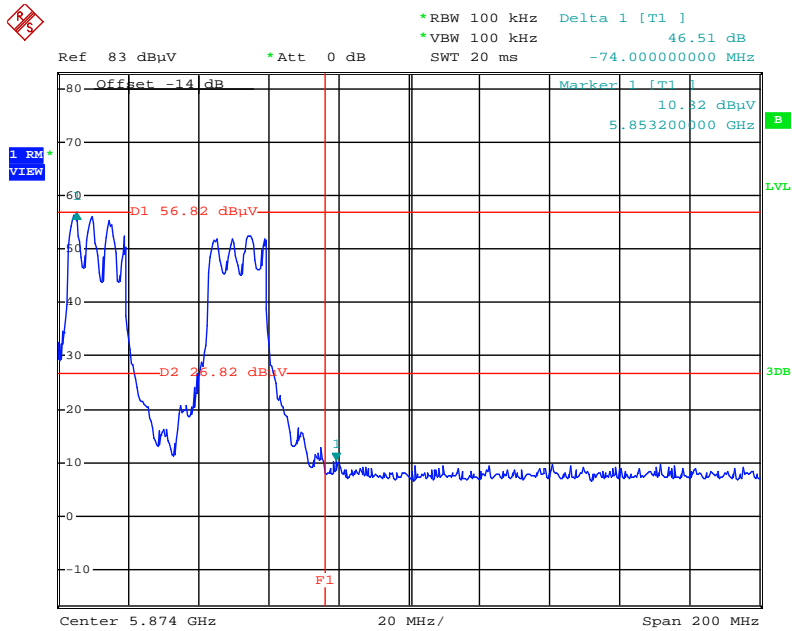
Date: 27.DEC.2011 11:47:24

Low Band Edge Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5745 MHz / Mode 3 (2TX, 2RX)



Date: 27.DEC.2011 13:32:02

High Band Edge Plot on Configuration IEEE 802.11a / Chain 1 + Chain 2 / 5825 MHz / Mode 3 (2TX, 2RX)



Date: 27.DEC.2011 13:34:31

Temperature	24.5°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Feb. 15, 2012	Test Mode	Mode 4

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.87	54.00	-1.13	22.48	2.22	28.17	0.00	Average	100	344	VERTICAL
2	2390.00	66.78	74.00	-7.22	36.39	2.22	28.17	0.00	Peak	100	344	VERTICAL
3	2406.60	117.66	74.00			2.22	28.21	0.00	Peak	100	344	VERTICAL
4	2407.20	107.63	54.00			2.22	28.21	0.00	Average	100	344	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.00	67.76	74.00	-6.24	37.38	2.21	28.17	0.00	Peak	100	320	VERTICAL
2	2390.00	52.75	54.00	-1.25	22.36	2.22	28.17	0.00	Average	100	320	VERTICAL
3	2440.40	112.33	54.00			2.23	28.29	0.00	Average	100	320	VERTICAL
4	2440.40	122.22	74.00			2.23	28.29	0.00	Peak	100	320	VERTICAL
5	2483.50	50.94	54.00	-3.06	20.31	2.26	28.37	0.00	Average	100	320	VERTICAL
6	2485.10	65.22	74.00	-8.78	34.55	2.26	28.41	0.00	Peak	100	320	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2454.40	104.93	54.00			2.24	28.33	0.00	Average	100	330	VERTICAL
2	2454.60	114.52	74.00			2.24	28.33	0.00	Peak	100	330	VERTICAL
3	2483.50	52.56	54.00	-1.44	21.93	2.26	28.37	0.00	Average	100	330	VERTICAL
4	2483.70	69.70	74.00	-4.30	39.07	2.26	28.37	0.00	Peak	100	330	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Feb. 15, 2012	Test Mode	Mode 4

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.77	54.00	-1.23	22.38	2.22	28.17	0.00	Average	100	329	VERTICAL
2	2390.00	69.46	74.00	-4.54	39.07	2.22	28.17	0.00	Peak	100	329	VERTICAL
3	2405.20	112.16	74.00			2.22	28.21	0.00	Peak	100	329	VERTICAL
4	2406.00	101.56	54.00			2.22	28.21	0.00	Average	100	329	VERTICAL
5	2483.50	45.86	54.00	-8.14	15.23	2.26	28.37	0.00	Average	100	329	VERTICAL
6	2485.50	59.14	74.00	-14.86	28.47	2.26	28.41	0.00	Peak	100	329	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.60	66.24	74.00	-7.76	35.86	2.21	28.17	0.00	Peak	100	323	VERTICAL
2	2390.00	52.91	54.00	-1.09	22.52	2.22	28.17	0.00	Average	100	323	VERTICAL
3	2437.40	112.76	74.00			2.23	28.29	0.00	Peak	100	323	VERTICAL
4	2439.00	102.62	54.00			2.23	28.29	0.00	Average	100	323	VERTICAL
5	2483.50	52.23	54.00	-1.77	21.60	2.26	28.37	0.00	Average	100	323	VERTICAL
6	2483.90	66.52	74.00	-7.48	35.89	2.26	28.37	0.00	Peak	100	323	VERTICAL

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

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2386.40	59.51	74.00	-14.49	29.13	2.21	28.17	0.00	Peak	100	335	VERTICAL
2	2390.00	47.36	54.00	-6.64	16.97	2.22	28.17	0.00	Average	100	335	VERTICAL
3	2440.00	100.82	54.00			2.23	28.29	0.00	Average	100	335	VERTICAL
4	2440.80	111.41	74.00			2.24	28.29	0.00	Peak	100	335	VERTICAL
5	2483.50	52.72	54.00	-1.28	22.09	2.26	28.37	0.00	Average	100	335	VERTICAL
6	2483.50	69.49	74.00	-4.51	38.86	2.26	28.37	0.00	Peak	100	335	VERTICAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Feb. 15, 2012	Test Mode	Mode 4

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.64	54.00	-1.36	22.25	2.22	28.17	0.00	Average	100	156	VERTICAL
2	2390.00	66.58	74.00	-7.42	36.19	2.22	28.17	0.00	Peak	100	156	VERTICAL
3	2407.60	118.73	74.00			2.22	28.21	0.00	Peak	100	156	VERTICAL
4	2409.40	106.41	54.00			2.22	28.21	0.00	Average	100	156	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.80	65.56	74.00	-8.44	35.17	2.22	28.17	0.00	Peak	103	144	VERTICAL
2	2390.00	52.97	54.00	-1.03	22.58	2.22	28.17	0.00	Average	103	144	VERTICAL
3	2431.60	123.39	74.00			2.23	28.25	0.00	Peak	103	144	VERTICAL
4	2432.20	112.18	54.00			2.23	28.25	0.00	Average	103	144	VERTICAL
5	2483.50	50.70	54.00	-3.30	20.07	2.26	28.37	0.00	Average	103	144	VERTICAL
6	2483.50	63.16	74.00	-10.84	32.53	2.26	28.37	0.00	Peak	103	144	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2460.20	116.56	74.00			2.24	28.33	0.00	Peak	114	191	VERTICAL
2	2467.20	104.74	54.00			2.26	28.33	0.00	Average	114	191	VERTICAL
3	2483.50	52.83	54.00	-1.17	22.20	2.26	28.37	0.00	Average	114	191	VERTICAL
4	2483.50	65.46	74.00	-8.54	34.83	2.26	28.37	0.00	Peak	114	191	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11n MCS8 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Feb. 15, 2012	Test Mode	Mode 4

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.74	54.00	-1.26	22.35	2.22	28.17	0.00	Average	100	158	VERTICAL
2	2390.00	67.40	74.00	-6.60	37.01	2.22	28.17	0.00	Peak	100	158	VERTICAL
3	2410.00	111.73	74.00			2.22	28.21	0.00	Peak	100	158	VERTICAL
4	2410.80	100.19	54.00			2.22	28.21	0.00	Average	100	158	VERTICAL

Item 1, 2 are the fundamental frequency at 2422 MHz.

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.68	54.00	-1.32	22.29	2.22	28.17	0.00	Average	105	145	VERTICAL
2	2390.00	65.55	74.00	-8.45	35.16	2.22	28.17	0.00	Peak	105	145	VERTICAL
3	2424.60	103.38	54.00			2.23	28.25	0.00	Average	105	145	VERTICAL
4	2433.40	114.99	74.00			2.23	28.25	0.00	Peak	105	145	VERTICAL
5	2483.50	52.61	54.00	-1.39	21.98	2.26	28.37	0.00	Average	105	145	VERTICAL
6	2483.50	66.12	74.00	-7.88	35.49	2.26	28.37	0.00	Peak	105	145	VERTICAL

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

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2434.80	98.33	54.00			2.23	28.29	0.00	Average	101	146	VERTICAL
2	2434.80	109.35	74.00			2.23	28.29	0.00	Peak	101	146	VERTICAL
3	2483.50	52.72	54.00	-1.28	22.09	2.26	28.37	0.00	Average	101	146	VERTICAL
4	2483.50	67.27	74.00	-6.73	36.64	2.26	28.37	0.00	Peak	101	146	VERTICAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 2 (1TX, 2RX)
Test date	Feb. 15, 2012	Test Mode	Mode 4

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2385.20	51.71	54.00	-2.29	21.33	2.21	28.17	0.00	Average	100	211	VERTICAL
2	2386.60	61.51	74.00	-12.49	31.13	2.21	28.17	0.00	Peak	100	211	VERTICAL
3	2410.20	116.16	54.00			2.22	28.21	0.00	Average	100	211	VERTICAL
4	2411.00	119.73	74.00			2.22	28.21	0.00	Peak	100	211	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	49.33	54.00	-4.67	18.94	2.22	28.17	0.00	Average	100	213	VERTICAL
2	2390.00	60.81	74.00	-13.19	30.42	2.22	28.17	0.00	Peak	100	213	VERTICAL
3	2434.60	118.94	74.00			2.23	28.29	0.00	Peak	100	213	VERTICAL
4	2435.20	115.53	54.00			2.23	28.29	0.00	Average	100	213	VERTICAL
5	2483.50	49.24	54.00	-4.76	18.61	2.26	28.37	0.00	Average	100	213	VERTICAL
6	2483.50	60.51	74.00	-13.49	29.88	2.26	28.37	0.00	Peak	100	213	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2460.20	116.76	54.00			2.24	28.33	0.00	Average	111	175	VERTICAL
2	2461.20	120.17	74.00			2.24	28.33	0.00	Peak	111	175	VERTICAL
3	2486.50	60.55	74.00	-13.45	29.88	2.26	28.41	0.00	Peak	111	175	VERTICAL
4	2488.70	51.00	54.00	-3.00	20.33	2.26	28.41	0.00	Average	111	175	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Wen Chao	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Feb. 15, 2012	Test Mode	Mode 4

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.95	54.00	-1.05	22.56	2.22	28.17	0.00	Average	100	13	VERTICAL
2	2390.00	67.60	74.00	-6.40	37.21	2.22	28.17	0.00	Peak	100	13	VERTICAL
3	2405.60	108.50	54.00			2.22	28.21	0.00	Average	100	13	VERTICAL
4	2405.60	118.46	74.00			2.22	28.21	0.00	Peak	100	13	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.00	67.58	74.00	-6.42	37.20	2.21	28.17	0.00	Peak	100	20	VERTICAL
2	2389.40	52.96	54.00	-1.04	22.58	2.21	28.17	0.00	Average	100	20	VERTICAL
3	2430.40	113.83	54.00			2.23	28.25	0.00	Average	100	20	VERTICAL
4	2430.60	123.57	74.00			2.23	28.25	0.00	Peak	100	20	VERTICAL
5	2483.50	50.63	54.00	-3.37	20.00	2.26	28.37	0.00	Average	100	20	VERTICAL
6	2483.50	63.03	74.00	-10.97	32.40	2.26	28.37	0.00	Peak	100	20	VERTICAL

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

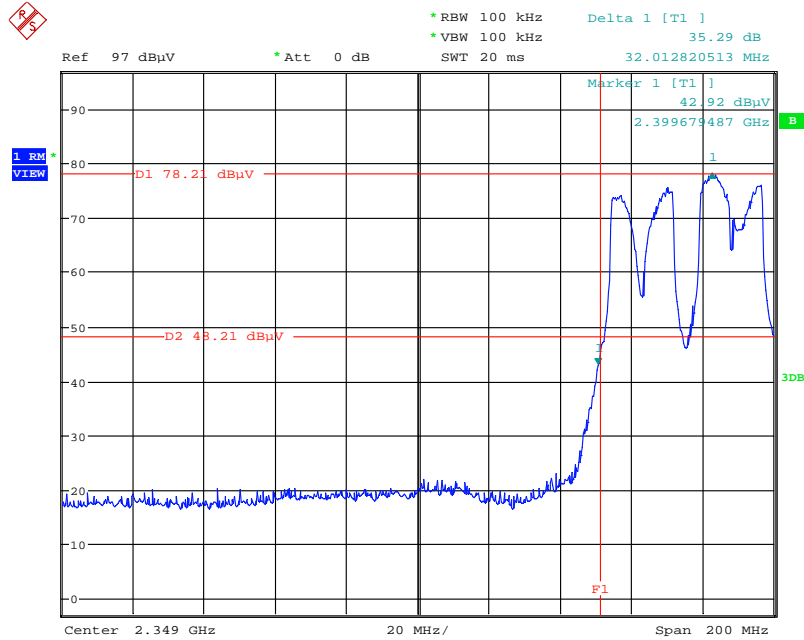
Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2458.20	107.51	54.00			2.24	28.33	0.00	Average	100	88	VERTICAL
2	2459.20	117.24	74.00			2.24	28.33	0.00	Peak	100	88	VERTICAL
3	2483.50	52.97	54.00	-1.03	22.34	2.26	28.37	0.00	Average	100	88	VERTICAL
4	2484.30	70.36	74.00	-3.64	39.73	2.26	28.37	0.00	Peak	100	88	VERTICAL

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

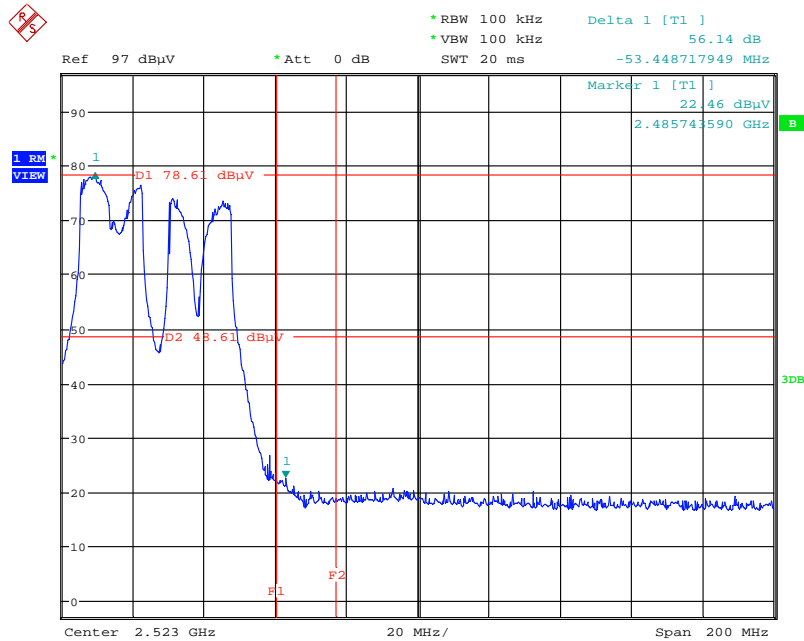
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 2412 MHz / Mode 1 (2TX, 2RX)



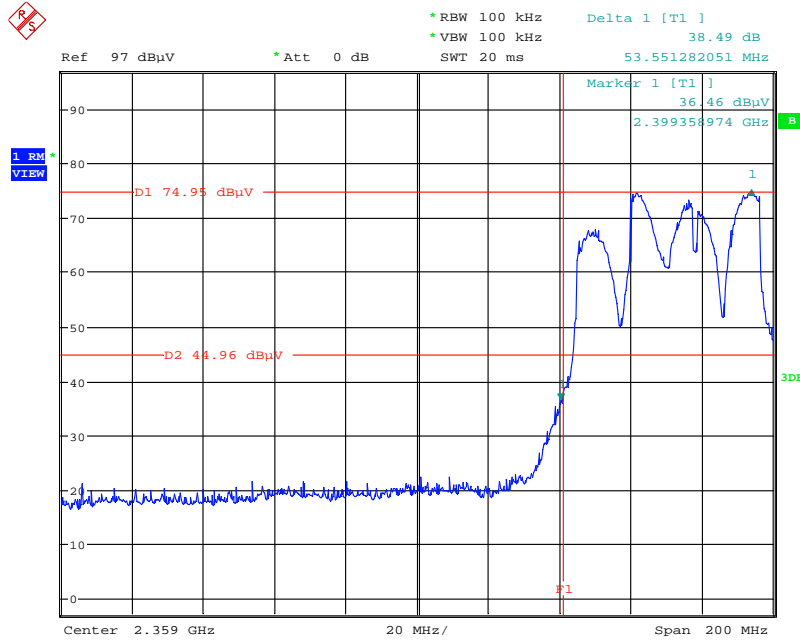
Date: 4.FEB.2012 03:04:13

High Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 / 2462 MHz / Mode 1 (2TX, 2RX)



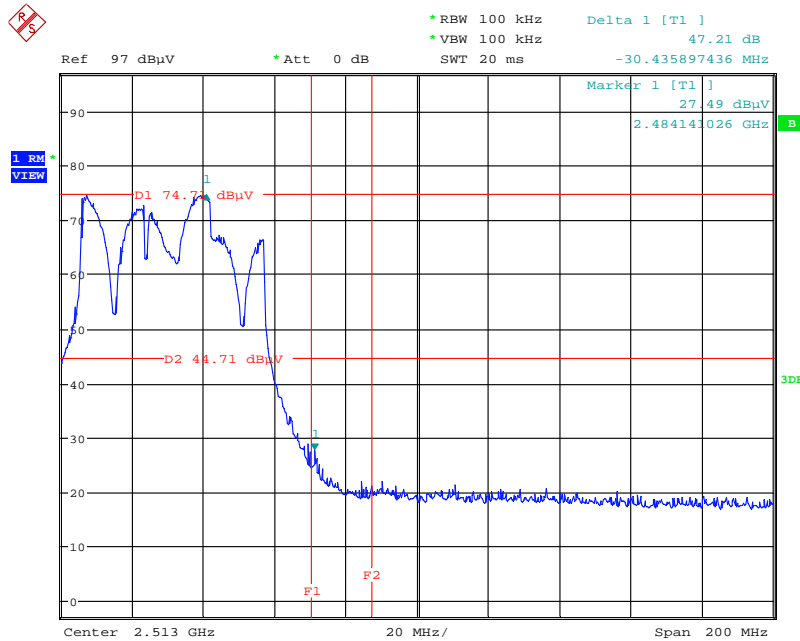
Date: 4.FEB.2012 03:03:00

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 2422 MHz / Mode 1 (2TX, 2RX)



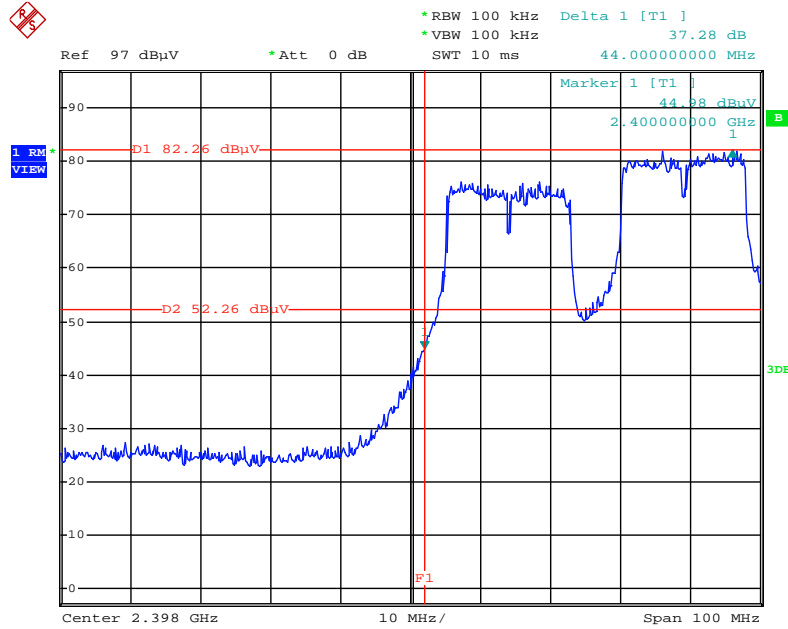
Date: 4.FEB.2012 02:43:26

High Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 / 2452 MHz / Mode 1 (2TX, 2RX)



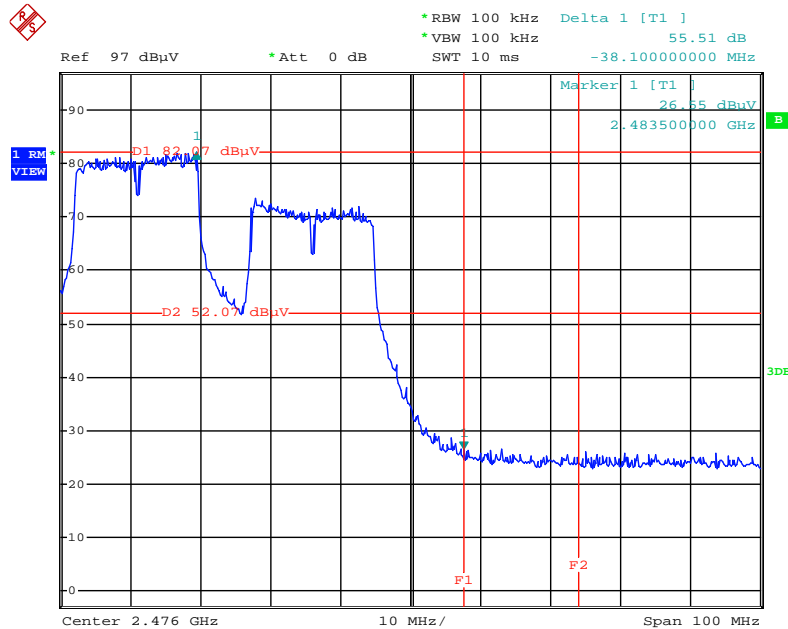
Date: 4.FEB.2012 02:49:34

Low Band Edge Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2 / 2412 MHz / Mode 1 (2TX, 2RX)



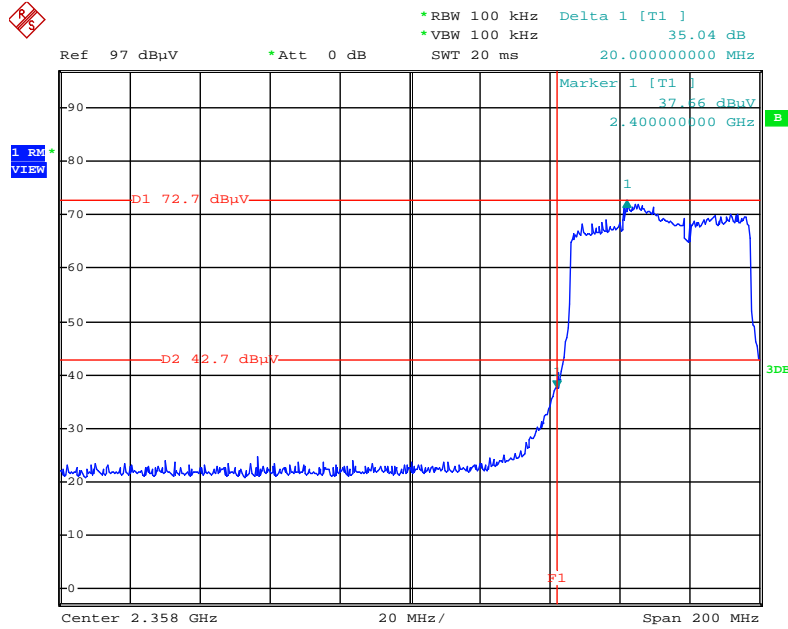
Date: 27.DEC.2011 18:32:15

High Band Edge Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2 / 2462 MHz / Mode 1 (2TX, 2RX)



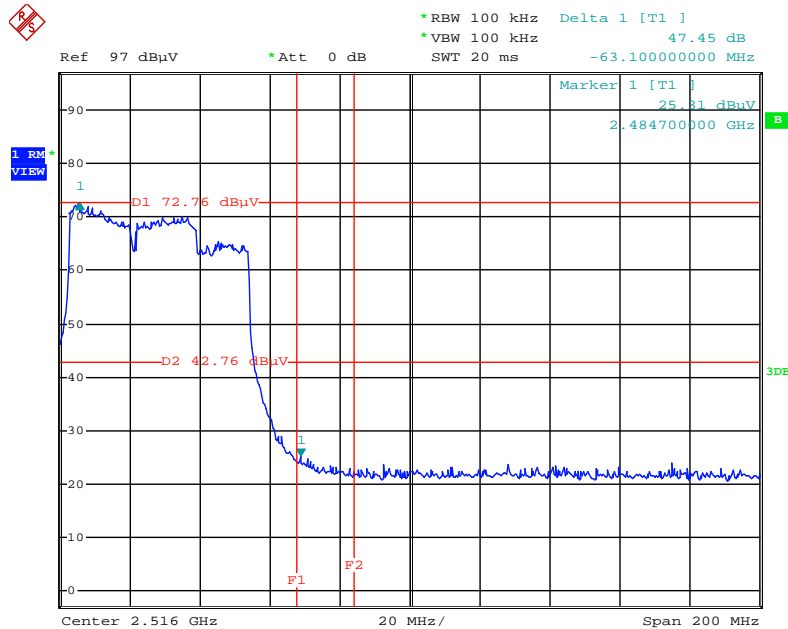
Date: 27.DEC.2011 18:30:33

Low Band Edge Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2 / 2422 MHz / Mode 1 (2TX, 2RX)



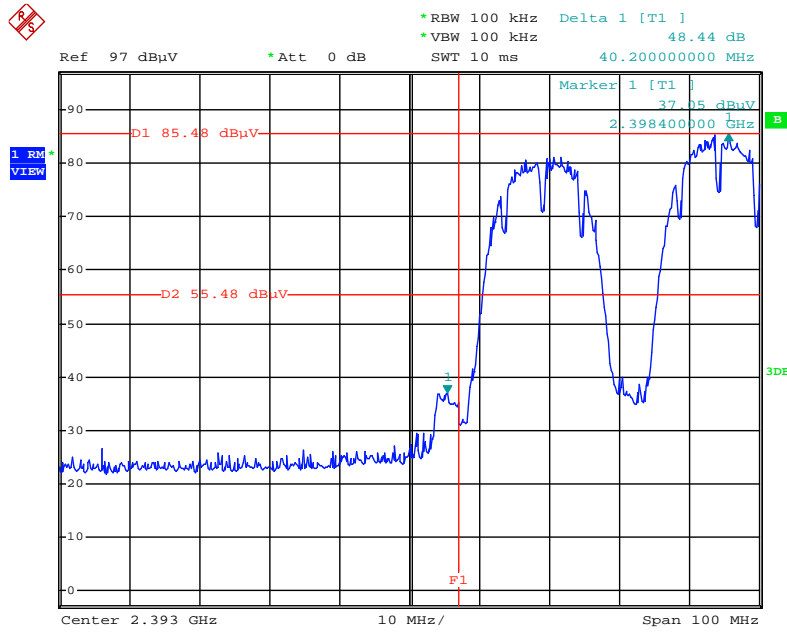
Date: 27.DEC.2011 18:36:03

High Band Edge Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2 / 2452 MHz / Mode 1 (2TX, 2RX)



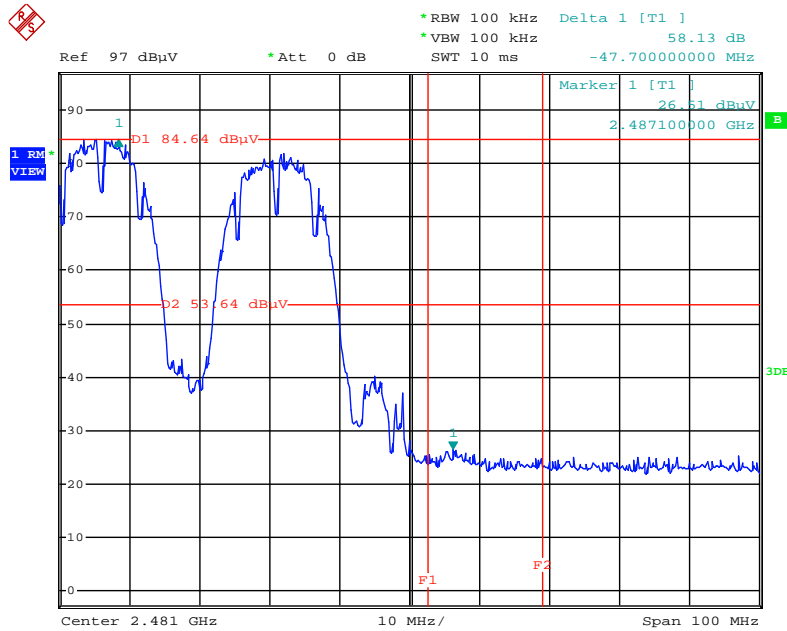
Date: 27.DEC.2011 18:37:53

Low Band Edge Plot on Configuration IEEE 802.11b / Chain 2 / 2412 MHz / Mode 1 (1TX, 2RX)



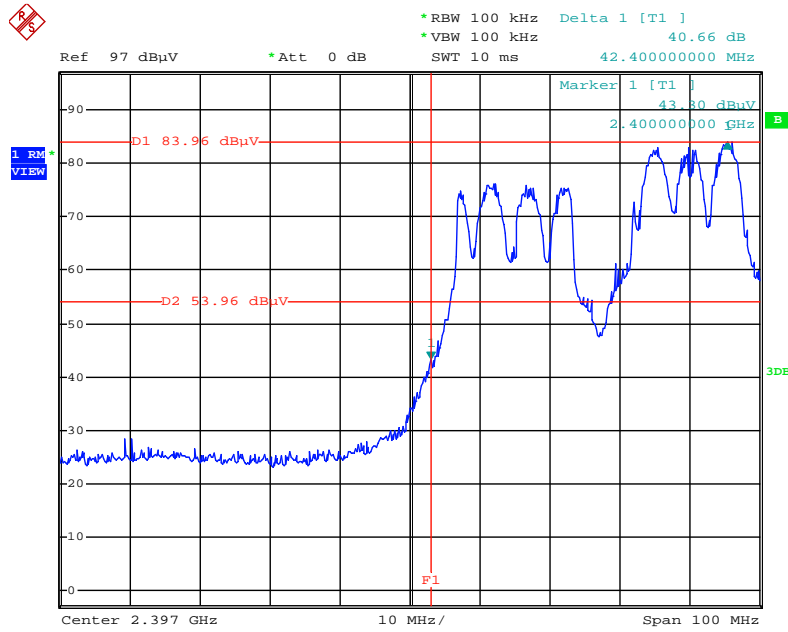
Date: 27.DEC.2011 18:43:13

High Band Edge Plot on Configuration IEEE 802.11b / Chain 2 / 2462 MHz / Mode 1 (1TX, 2RX)



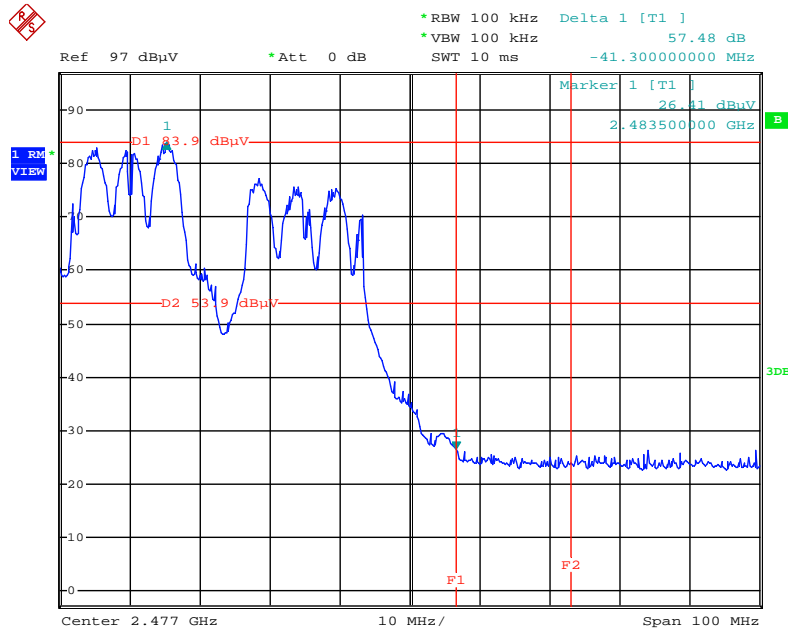
Date: 27.DEC.2011 18:46:34

Low Band Edge Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2412 MHz / Mode 1 (2TX, 2RX)



Date: 27.DEC.2011 18:23:57

High Band Edge Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2462 MHz / Mode 1 (2TX, 2RX)



Date: 27.DEC.2011 18:26:10

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 (1TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 1

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.60	72.97	74.00	-1.03	42.59	2.21	28.17	0.00	Peak	100	323	VERTICAL
2	2390.00	49.24	54.00	-4.76	18.85	2.22	28.17	0.00	Average	100	323	VERTICAL
3	2405.60	105.13	54.00			2.22	28.21	0.00	Average	100	323	VERTICAL
4	2406.80	115.56	74.00			2.22	28.21	0.00	Peak	100	323	VERTICAL
5	2483.90	47.45	54.00	-6.55	16.82	2.26	28.37	0.00	Average	100	323	VERTICAL
6	2486.70	58.83	74.00	-15.17	28.16	2.26	28.41	0.00	Peak	100	323	VERTICAL

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

Channel 6

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.20	65.71	74.00	-8.29	35.33	2.21	28.17	0.00	Peak	100	318	VERTICAL
2	2390.00	49.80	54.00	-4.20	19.41	2.22	28.17	0.00	Average	100	318	VERTICAL
3	2431.00	108.23	54.00			2.23	28.25	0.00	Average	100	318	VERTICAL
4	2432.20	118.32	74.00			2.23	28.25	0.00	Peak	100	318	VERTICAL
5	2483.50	52.93	54.00	-1.07	22.30	2.26	28.37	0.00	Average	100	318	VERTICAL
6	2485.10	69.79	74.00	-4.21	39.12	2.26	28.41	0.00	Peak	100	318	VERTICAL

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

Channel 11

	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2382.00	51.68	54.00	-2.32	21.34	2.21	28.13	0.00	Average	100	25	VERTICAL
2	2382.00	62.05	74.00	-11.95	31.71	2.21	28.13	0.00	Peak	100	25	VERTICAL
3	2456.80	106.30	54.00			2.24	28.33	0.00	Average	100	25	VERTICAL
4	2459.20	116.71	74.00			2.24	28.33	0.00	Peak	100	25	VERTICAL
5	2483.50	50.49	54.00	-3.51	19.86	2.26	28.37	0.00	Average	100	25	VERTICAL
6	2484.30	72.21	74.00	-1.79	41.58	2.26	28.37	0.00	Peak	100	25	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 (1TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2386.80	72.26	74.00	-1.74	41.88	2.21	28.17	0.00	Peak	100	325	VERTICAL
2	2390.00	51.61	54.00	-2.39	21.22	2.22	28.17	0.00	Average	100	325	VERTICAL
3	2406.00	100.23	54.00			2.22	28.21	0.00	Average	100	325	VERTICAL
4	2431.60	111.16	74.00			2.23	28.25	0.00	Peak	100	325	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2386.80	72.14	74.00	-1.86	41.76	2.21	28.17	0.00	Peak	100	27	VERTICAL
2	2390.00	50.59	54.00	-3.41	20.20	2.22	28.17	0.00	Average	100	27	VERTICAL
3	2452.60	103.53	54.00			2.24	28.33	0.00	Average	100	27	VERTICAL
4	2453.40	113.95	74.00			2.24	28.33	0.00	Peak	100	27	VERTICAL
5	2483.50	50.48	54.00	-3.52	19.85	2.26	28.37	0.00	Average	100	27	VERTICAL
6	2484.30	72.83	74.00	-1.17	42.20	2.26	28.37	0.00	Peak	100	27	VERTICAL

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

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2462.40	100.53	54.00			2.24	28.33	0.00	Average	100	25	VERTICAL
2	2464.80	111.42	74.00			2.24	28.33	0.00	Peak	100	25	VERTICAL
3	2483.50	52.48	54.00	-1.52	21.85	2.26	28.37	0.00	Average	100	25	VERTICAL
4	2483.50	72.49	74.00	-1.51	41.86	2.26	28.37	0.00	Peak	100	25	VERTICAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	51.66	54.00	-2.34	21.27	2.22	28.17	0.00	Average	100	326	VERTICAL
2	2390.00	71.08	74.00	-2.92	40.69	2.22	28.17	0.00	Peak	100	326	VERTICAL
3	2406.20	108.99	54.00			2.22	28.21	0.00	Average	100	326	VERTICAL
4	2406.80	118.75	74.00			2.22	28.21	0.00	Peak	100	326	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.40	65.54	74.00	-8.46	35.16	2.21	28.17	0.00	Peak	100	331	VERTICAL
2	2390.00	52.80	54.00	-1.20	22.41	2.22	28.17	0.00	Average	100	331	VERTICAL
3	2442.20	120.92	74.00			2.24	28.29	0.00	Peak	100	331	VERTICAL
4	2443.60	111.15	54.00			2.24	28.29	0.00	Average	100	331	VERTICAL
5	2483.50	52.08	54.00	-1.92	21.45	2.26	28.37	0.00	Average	100	331	VERTICAL
6	2483.50	62.98	74.00	-11.02	32.35	2.26	28.37	0.00	Peak	100	331	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2382.40	52.12	54.00	-1.88	21.78	2.21	28.13	0.00	Average	100	26	VERTICAL
2	2382.40	63.31	74.00	-10.69	32.97	2.21	28.13	0.00	Peak	100	26	VERTICAL
3	2466.00	106.93	54.00			2.24	28.33	0.00	Average	100	26	VERTICAL
4	2466.80	117.53	74.00			2.26	28.33	0.00	Peak	100	26	VERTICAL
5	2483.50	50.02	54.00	-3.98	19.39	2.26	28.37	0.00	Average	100	26	VERTICAL
6	2483.50	66.88	74.00	-7.12	36.25	2.26	28.37	0.00	Peak	100	26	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.60	72.33	74.00	-1.67	41.95	2.21	28.17	0.00	Peak	100	17	VERTICAL
2	2390.00	52.80	54.00	-1.20	22.41	2.22	28.17	0.00	Average	100	17	VERTICAL
3	2406.00	100.00	54.00			2.22	28.21	0.00	Average	100	17	VERTICAL
4	2406.80	109.43	74.00			2.22	28.21	0.00	Peak	100	17	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.73	54.00	-1.27	22.34	2.22	28.17	0.00	Average	100	20	VERTICAL
2	2390.00	71.11	74.00	-2.89	40.72	2.22	28.17	0.00	Peak	100	20	VERTICAL
3	2445.00	105.39	54.00			2.24	28.29	0.00	Average	100	20	VERTICAL
4	2446.60	116.36	74.00			2.24	28.29	0.00	Peak	100	20	VERTICAL
5	2483.50	49.65	54.00	-4.35	19.02	2.26	28.37	0.00	Average	100	20	VERTICAL
6	2495.50	64.53	74.00	-9.47	33.85	2.27	28.41	0.00	Peak	100	20	VERTICAL

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

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2438.80	109.24	74.00			2.23	28.29	0.00	Peak	100	330	VERTICAL
2	2440.00	99.48	54.00			2.23	28.29	0.00	Average	100	330	VERTICAL
3	2483.50	52.14	54.00	-1.86	21.51	2.26	28.37	0.00	Average	100	330	VERTICAL
4	2483.50	72.85	74.00	-1.15	42.22	2.26	28.37	0.00	Peak	100	330	VERTICAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS8 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	50.46	54.00	-3.54	20.07	2.22	28.17	0.00	Average	100	319	VERTICAL
2	2390.00	72.18	74.00	-1.82	41.79	2.22	28.17	0.00	Peak	100	319	VERTICAL
3	2405.20	117.56	74.00			2.22	28.21	0.00	Peak	100	319	VERTICAL
4	2408.40	106.47	54.00			2.22	28.21	0.00	Average	100	319	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2388.00	67.11	74.00	-6.89	36.73	2.21	28.17	0.00	Peak	108	144	VERTICAL
2	2390.00	52.91	54.00	-1.09	22.52	2.22	28.17	0.00	Average	108	144	VERTICAL
3	2431.00	122.15	74.00			2.23	28.25	0.00	Peak	108	144	VERTICAL
4	2431.60	110.57	54.00			2.23	28.25	0.00	Average	108	144	VERTICAL
5	2483.50	51.27	54.00	-2.73	20.64	2.26	28.37	0.00	Average	108	144	VERTICAL
6	2484.30	63.99	74.00	-10.01	33.36	2.26	28.37	0.00	Peak	108	144	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2467.60	117.44	74.00			2.26	28.33	0.00	Peak	125	12	VERTICAL
2	2468.40	107.22	54.00			2.26	28.37	0.00	Average	125	12	VERTICAL
3	2483.50	52.80	54.00	-1.20	22.17	2.26	28.37	0.00	Average	125	12	VERTICAL
4	2483.50	69.52	74.00	-4.48	38.89	2.26	28.37	0.00	Peak	125	12	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11n MCS8 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.60	69.94	74.00	-4.06	39.56	2.21	28.17	0.00	Peak	105	320	VERTICAL
2	2390.00	52.47	54.00	-1.53	22.08	2.22	28.17	0.00	Average	105	320	VERTICAL
3	2407.20	99.20	54.00			2.22	28.21	0.00	Average	105	320	VERTICAL
4	2407.60	109.87	74.00			2.22	28.21	0.00	Peak	105	320	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2388.80	69.98	74.00	-4.02	39.60	2.21	28.17	0.00	Peak	104	12	VERTICAL
2	2389.60	52.76	54.00	-1.24	22.38	2.21	28.17	0.00	Average	104	12	VERTICAL
3	2421.80	104.79	54.00			2.23	28.25	0.00	Average	104	12	VERTICAL
4	2422.60	116.32	74.00			2.23	28.25	0.00	Peak	104	12	VERTICAL
5	2483.50	51.09	54.00	-2.91	20.46	2.26	28.37	0.00	Average	104	12	VERTICAL
6	2485.10	68.92	74.00	-5.08	38.25	2.26	28.41	0.00	Peak	104	12	VERTICAL

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

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2434.40	99.46	54.00			2.23	28.29	0.00	Average	106	144	VERTICAL
2	2434.40	109.94	74.00			2.23	28.29	0.00	Peak	106	144	VERTICAL
3	2483.50	52.97	54.00	-1.03	22.34	2.26	28.37	0.00	Average	106	144	VERTICAL
4	2483.50	71.35	74.00	-2.65	40.72	2.26	28.37	0.00	Peak	106	144	VERTICAL

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

Note:

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

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Sean Ku	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 (1TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.00	62.92	74.00	-11.08	32.54	2.21	28.17	0.00	Peak	100	320	VERTICAL
2	2389.20	51.22	54.00	-2.78	20.84	2.21	28.17	0.00	Average	100	320	VERTICAL
3	2410.20	114.74	54.00			2.22	28.21	0.00	Average	100	320	VERTICAL
4	2411.00	118.18	74.00			2.22	28.21	0.00	Peak	100	320	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.40	61.01	74.00	-12.99	30.63	2.21	28.17	0.00	Peak	100	7	VERTICAL
2	2390.00	50.55	54.00	-3.45	20.16	2.22	28.17	0.00	Average	100	7	VERTICAL
3	2435.20	116.01	54.00			2.23	28.29	0.00	Average	100	7	VERTICAL
4	2436.20	119.28	74.00			2.23	28.29	0.00	Peak	100	7	VERTICAL
5	2483.50	49.14	54.00	-4.86	18.51	2.26	28.37	0.00	Average	100	7	VERTICAL
6	2483.50	59.15	74.00	-14.85	28.52	2.26	28.37	0.00	Peak	100	7	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2460.20	115.87	54.00			2.24	28.33	0.00	Average	108	95	VERTICAL
2	2461.20	119.36	74.00			2.24	28.33	0.00	Peak	108	95	VERTICAL
3	2483.50	51.42	54.00	-2.58	20.79	2.26	28.37	0.00	Average	108	95	VERTICAL
4	2483.50	60.56	74.00	-13.44	29.93	2.26	28.37	0.00	Peak	108	95	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 (1TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2389.00	72.53	74.00	-1.47	42.15	2.21	28.17	0.00	Peak	100	204	VERTICAL
2	2390.00	48.70	54.00	-5.30	18.31	2.22	28.17	0.00	Average	100	204	VERTICAL
3	2410.40	104.86	54.00			2.22	28.21	0.00	Average	100	204	VERTICAL
4	2410.40	115.89	74.00			2.22	28.21	0.00	Peak	100	204	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.51	54.00	-1.49	22.12	2.22	28.17	0.00	Average	101	9	VERTICAL
2	2390.00	69.25	74.00	-4.75	38.86	2.22	28.17	0.00	Peak	101	9	VERTICAL
3	2430.40	120.88	74.00			2.23	28.25	0.00	Peak	101	9	VERTICAL
4	2431.20	110.88	54.00			2.23	28.25	0.00	Average	101	9	VERTICAL
5	2483.50	51.46	54.00	-2.54	20.83	2.26	28.37	0.00	Average	101	9	VERTICAL
6	2484.90	70.33	74.00	-3.67	39.70	2.26	28.37	0.00	Peak	101	9	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2455.00	106.00	54.00			2.24	28.33	0.00	Average	101	320	VERTICAL
2	2467.00	115.23	74.00			2.26	28.33	0.00	Peak	101	320	VERTICAL
3	2483.50	52.16	54.00	-1.84	21.53	2.26	28.37	0.00	Average	101	320	VERTICAL
4	2483.70	72.59	74.00	-1.41	41.96	2.26	28.37	0.00	Peak	101	320	VERTICAL

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

Temperature	24.5°C	Humidity	56%
Test Engineer	Benson Peng	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 (2TX, 2RX)
Test date	Nov. 23, 2011	Test Mode	Mode 5

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2383.40	72.07	74.00	-1.93	41.69	2.21	28.17	0.00	Peak	100	337	VERTICAL
2	2390.00	50.59	54.00	-3.41	20.20	2.22	28.17	0.00	Average	100	337	VERTICAL
3	2406.20	120.41	74.00			2.22	28.21	0.00	Peak	100	337	VERTICAL
4	2408.80	109.78	54.00			2.22	28.21	0.00	Average	100	337	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	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2390.00	52.49	54.00	-1.51	22.10	2.22	28.17	0.00	Average	100	25	VERTICAL
2	2390.00	63.97	74.00	-10.03	33.58	2.22	28.17	0.00	Peak	100	25	VERTICAL
3	2432.40	118.44	74.00			2.23	28.25	0.00	Peak	100	25	VERTICAL
4	2432.60	108.31	54.00			2.23	28.25	0.00	Average	100	25	VERTICAL
5	2483.50	50.14	54.00	-3.86	19.51	2.26	28.37	0.00	Average	100	25	VERTICAL
6	2483.70	61.41	74.00	-12.59	30.78	2.26	28.37	0.00	Peak	100	25	VERTICAL

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

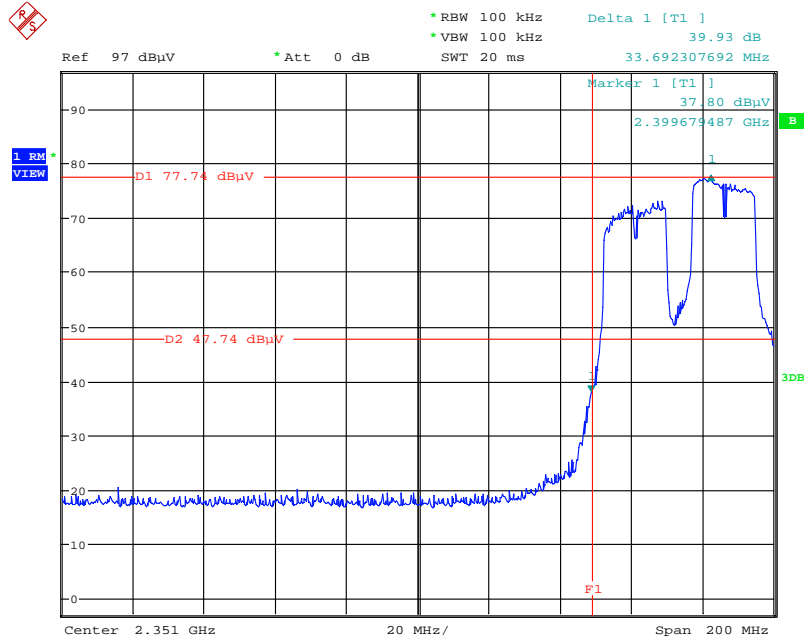
Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	2455.20	108.60	54.00			2.24	28.33	0.00	Average	111	92	VERTICAL
2	2464.60	119.17	74.00			2.24	28.33	0.00	Peak	111	92	VERTICAL
3	2483.50	52.01	54.00	-1.99	21.38	2.26	28.37	0.00	Average	111	92	VERTICAL
4	2483.50	72.59	74.00	-1.41	41.96	2.26	28.37	0.00	Peak	111	92	VERTICAL

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

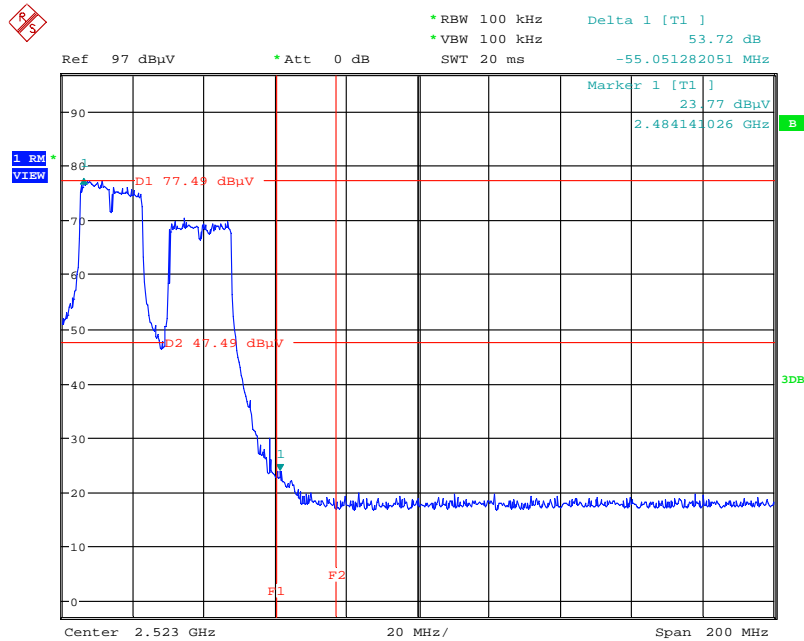
For Emission not in Restricted Band

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 / 2412 MHz / Mode 5 (1TX, 2RX)



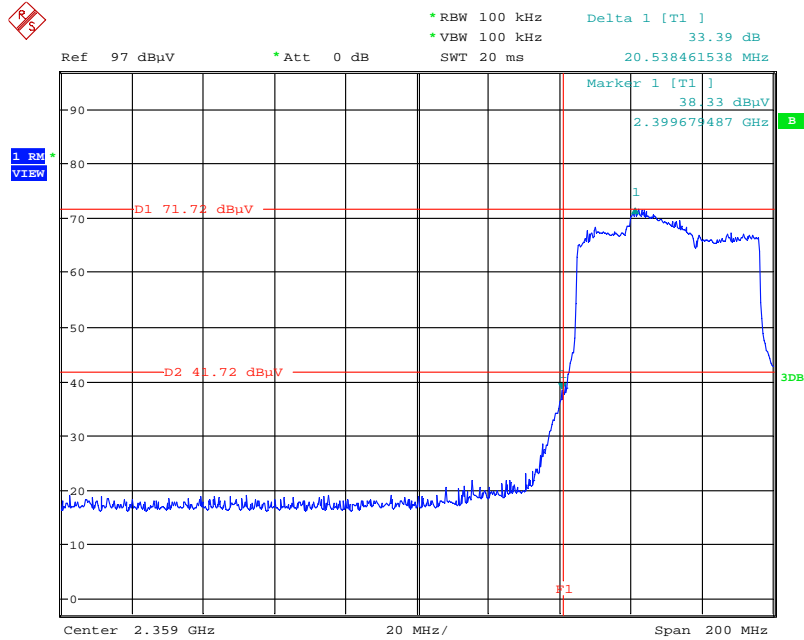
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High Band Edge Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 / 2462 MHz / Mode 5 (1TX, 2RX)



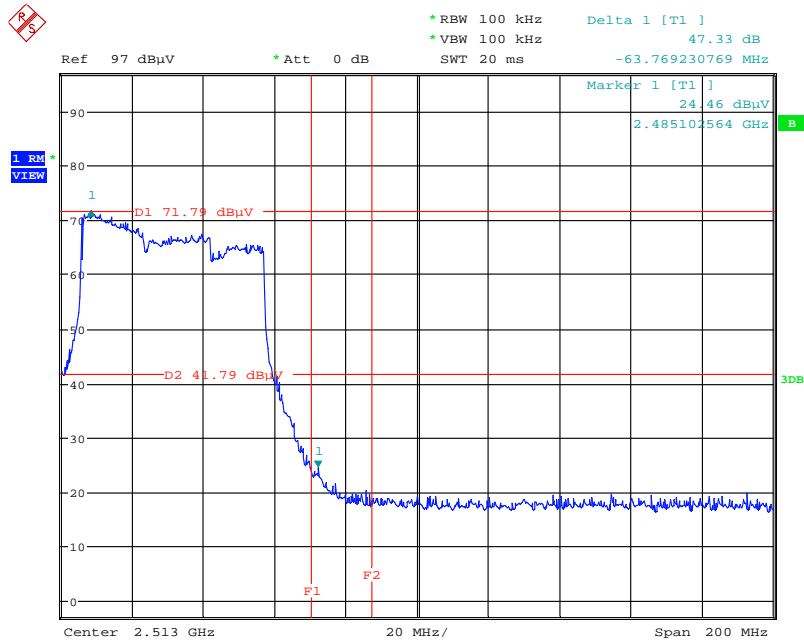
Date: 4.FEB.2012 03:01:38

Low Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 / 2422 MHz / Mode 2 (1TX, 2RX)



Date: 4.FEB.2012 02:56:09

High Band Edge Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 / 2452 MHz / Mode 2 (1TX, 2RX)



Date: 4.FEB.2012 02:54:42