

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (1TX)

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	11489.12	35.94	54.00	-18.06	27.33	5.11	38.78	35.28	Average	100	308	HORIZONTAL
2	11493.28	50.69	74.00	-23.31	42.07	5.12	38.78	35.28	Peak	100	308	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	11485.62	50.56	74.00	-23.44	41.95	5.11	38.78	35.28	Peak	100	325	VERTICAL
2	11491.76	35.87	54.00	-18.13	27.26	5.11	38.78	35.28	Average	100	325	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (1TX)

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	11565.08	50.79	74.00	-23.21	42.14	5.13	38.82	35.30	Peak	100	303	HORIZONTAL
2	11574.98	36.97	54.00	-17.03	28.30	5.14	38.83	35.30	Average	100	303	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	11567.00	37.44	54.00	-16.56	28.79	5.13	38.82	35.30	Average	137	357	VERTICAL
2	11569.70	51.63	74.00	-22.37	42.97	5.13	38.83	35.30	Peak	137	357	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (1TX)

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	11649.00	50.49	74.00	-23.51	41.77	5.16	38.86	35.30	Peak	100	312	HORIZONTAL
2	11653.84	36.67	54.00	-17.33	27.95	5.16	38.86	35.30	Average	100	312	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	11649.82	50.89	74.00	-23.11	42.17	5.16	38.86	35.30	Peak	115	358	VERTICAL
2	11650.14	37.10	54.00	-16.90	28.38	5.16	38.86	35.30	Average	115	358	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11467.50	35.55	54.00	-18.45	26.95	5.11	38.77	35.28	Average	100	242	HORIZONTAL
2	11493.60	48.89	74.00	-25.11	40.27	5.12	38.78	35.28	Peak	100	242	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	11471.40	48.70	74.00	-25.30	40.10	5.11	38.77	35.28	Peak	100	122	VERTICAL
2	11473.10	35.51	54.00	-18.49	26.91	5.11	38.77	35.28	Average	100	122	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11590.00	49.86	74.00	-24.14	41.19	5.14	38.83	35.30	Peak	100	186	HORIZONTAL
2	11593.10	35.70	54.00	-18.30	27.03	5.14	38.83	35.30	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	11569.00	49.71	74.00	-24.29	41.05	5.13	38.83	35.30	Peak	100	304	VERTICAL
2	11571.20	37.17	54.00	-16.83	28.50	5.14	38.83	35.30	Average	100	304	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11642.50	36.26	54.00	-17.74	27.54	5.16	38.86	35.30	Average	100	276	HORIZONTAL
2	11659.60	49.80	74.00	-24.20	41.08	5.16	38.86	35.30	Peak	100	276	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	11645.30	36.58	54.00	-17.42	27.86	5.16	38.86	35.30	Average	100	148	VERTICAL
2	11648.40	49.93	74.00	-24.07	41.21	5.16	38.86	35.30	Peak	100	148	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11467.40	35.65	54.00	-18.35	27.05	5.11	38.77	35.28	Average	100	339	HORIZONTAL
2	11468.00	49.01	74.00	-24.99	40.41	5.11	38.77	35.28	Peak	100	339	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	11470.50	35.63	54.00	-18.37	27.03	5.11	38.77	35.28	Average	100	237	VERTICAL
2	11477.60	48.69	74.00	-25.31	40.09	5.11	38.77	35.28	Peak	100	237	VERTICAL



Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11549.40	49.20	74.00	-24.80	40.56	5.13	38.81	35.30	Peak	100	215	HORIZONTAL
2	11593.90	35.72	54.00	-18.28	27.05	5.14	38.83	35.30	Average	100	215	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	11552.90	49.49	74.00	-24.51	40.84	5.13	38.82	35.30	Peak	100	115	VERTICAL
2	11567.70	35.87	54.00	-18.13	27.21	5.13	38.83	35.30	Average	100	115	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11630.00	49.71	74.00	-24.29	41.00	5.16	38.85	35.30	Peak	100	313	HORIZONTAL
2	11656.00	36.30	54.00	-17.70	27.58	5.16	38.86	35.30	Average	100	313	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	11651.60	36.35	54.00	-17.65	27.63	5.16	38.86	35.30	Average	100	154	VERTICAL
2	11657.40	50.77	74.00	-23.23	42.05	5.16	38.86	35.30	Peak	100	154	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11470.40	50.49	74.00	-23.51	41.89	5.11	38.77	35.28	Peak	100	221	HORIZONTAL
2	11484.10	37.16	54.00	-16.84	28.55	5.11	38.78	35.28	Average	100	221	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	11489.60	37.49	54.00	-16.51	28.88	5.11	38.78	35.28	Average	100	314	VERTICAL
2	11491.40	50.68	74.00	-23.32	42.07	5.11	38.78	35.28	Peak	100	314	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11583.30	50.54	74.00	-23.46	41.87	5.14	38.83	35.30	Peak	100	218	HORIZONTAL
2	11594.20	37.28	54.00	-16.72	28.61	5.14	38.83	35.30	Average	100	218	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	11571.20	37.57	54.00	-16.43	28.90	5.14	38.83	35.30	Average	100	125	VERTICAL
2	11576.20	50.28	74.00	-23.72	41.61	5.14	38.83	35.30	Peak	100	125	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11653.20	37.46	54.00	-16.54	28.74	5.16	38.86	35.30	Average	100	51	HORIZONTAL
2	11666.30	50.57	74.00	-23.43	41.85	5.16	38.86	35.30	Peak	100	51	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	11628.80	50.26	74.00	-23.74	41.55	5.16	38.85	35.30	Peak	100	127	VERTICAL
2	11645.30	37.38	54.00	-16.62	28.66	5.16	38.86	35.30	Average	100	127	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11487.20	37.23	54.00	-16.77	28.62	5.11	38.78	35.28	Average	100	154	HORIZONTAL
2	11493.00	49.89	74.00	-24.11	41.28	5.11	38.78	35.28	Peak	100	154	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	11490.20	37.25	54.00	-16.75	28.64	5.11	38.78	35.28	Average	100	241	VERTICAL
2	11499.50	49.43	74.00	-24.57	40.80	5.12	38.79	35.28	Peak	100	241	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11566.80	50.42	74.00	-23.58	41.77	5.13	38.82	35.30	Peak	100	104	HORIZONTAL
2	11591.10	37.35	54.00	-16.65	28.68	5.14	38.83	35.30	Average	100	104	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	11566.90	37.49	54.00	-16.51	28.84	5.13	38.82	35.30	Average	100	200	VERTICAL
2	11571.90	50.31	74.00	-23.69	41.64	5.14	38.83	35.30	Peak	100	200	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11633.10	50.38	74.00	-23.62	41.67	5.16	38.85	35.30	Peak	100	122	HORIZONTAL
2	11646.00	37.35	54.00	-16.65	28.63	5.16	38.86	35.30	Average	100	122	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	11657.00	37.37	54.00	-16.63	28.65	5.16	38.86	35.30	Average	100	43	VERTICAL
2	11660.90	50.15	74.00	-23.85	41.43	5.16	38.86	35.30	Peak	100	43	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (1TX)

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	11505.84	35.85	54.00	-18.15	27.22	5.12	38.79	35.28	Average	100	347	HORIZONTAL
2	11506.14	50.20	74.00	-23.80	41.57	5.12	38.79	35.28	Peak	100	347	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	11505.70	35.83	54.00	-18.17	27.20	5.12	38.79	35.28	Average	100	326	VERTICAL
2	11507.72	49.74	74.00	-24.26	41.11	5.12	38.79	35.28	Peak	100	326	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (1TX)

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	11606.24	36.36	54.00	-17.64	27.67	5.15	38.84	35.30	Average	100	314	HORIZONTAL
2	11614.98	50.60	74.00	-23.40	41.91	5.15	38.84	35.30	Peak	100	314	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	11606.14	36.45	54.00	-17.55	27.76	5.15	38.84	35.30	Average	100	356	VERTICAL
2	11608.98	50.78	74.00	-23.22	42.09	5.15	38.84	35.30	Peak	100	356	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11534.30	35.64	54.00	-18.36	26.99	5.13	38.81	35.29	Average	100	97	HORIZONTAL
2	11534.60	49.37	74.00	-24.63	40.72	5.13	38.81	35.29	Peak	100	97	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	11509.40	49.98	74.00	-24.02	41.35	5.12	38.79	35.28	Peak	100	198	VERTICAL
2	11534.80	35.64	54.00	-18.36	26.99	5.13	38.81	35.29	Average	100	198	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11587.40	49.03	74.00	-24.97	40.36	5.14	38.83	35.30	Peak	100	330	HORIZONTAL
2	11612.50	36.00	54.00	-18.00	27.31	5.15	38.84	35.30	Average	100	330	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	11609.50	35.95	54.00	-18.05	27.26	5.15	38.84	35.30	Average	100	200	VERTICAL
2	11614.40	49.71	74.00	-24.29	41.02	5.15	38.84	35.30	Peak	100	200	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11587.40	49.03	74.00	-24.97	40.36	5.14	38.83	35.30	Peak	100	330	HORIZONTAL
2	11612.50	36.00	54.00	-18.00	27.31	5.15	38.84	35.30	Average	100	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	11609.50	35.95	54.00	-18.05	27.26	5.15	38.84	35.30	Average	100	200	VERTICAL
2	11614.40	49.71	74.00	-24.29	41.02	5.15	38.84	35.30	Peak	100	200	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (2TX)

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	11496.30	48.74	74.00	-25.26	40.12	5.12	38.78	35.28	Peak	100	107	HORIZONTAL
2	11531.60	35.64	54.00	-18.36	27.00	5.13	38.80	35.29	Average	100	107	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	11526.80	48.71	74.00	-25.29	40.07	5.13	38.80	35.29	Peak	100	199	VERTICAL
2	11534.90	35.60	54.00	-18.40	26.95	5.13	38.81	35.29	Average	100	199	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11589.60	49.64	74.00	-24.36	40.97	5.14	38.83	35.30	Peak	100	242	HORIZONTAL
2	11590.00	35.62	54.00	-18.38	26.95	5.14	38.83	35.30	Average	100	242	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	11540.50	49.09	74.00	-24.91	40.45	5.13	38.81	35.30	Peak	100	156	VERTICAL
2	11589.80	35.74	54.00	-18.26	27.07	5.14	38.83	35.30	Average	100	156	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11490.00	37.10	54.00	-16.90	28.49	5.11	38.78	35.28	Average	100	170 HORIZONTAL
2	11493.10	50.90	74.00	-23.10	42.29	5.11	38.78	35.28	Peak	100	170 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	11490.30	37.10	54.00	-16.90	28.49	5.11	38.78	35.28	Average	100	224 VERTICAL
2	11505.20	50.04	74.00	-23.96	41.41	5.12	38.79	35.28	Peak	100	224 VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11567.60	50.78	74.00	-23.22	42.12	5.13	38.83	35.30	Peak	100	157	HORIZONTAL
2	11590.40	37.38	54.00	-16.62	28.71	5.14	38.83	35.30	Average	100	157	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	11599.80	37.35	54.00	-16.65	28.67	5.15	38.83	35.30	Average	100	72	VERTICAL
2	11608.00	50.80	74.00	-23.20	42.11	5.15	38.84	35.30	Peak	100	72	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 7 (Ant. 7 Patch antenna / 2.3dBi) (3TX)

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	11487.10	37.25	54.00	-16.75	28.64	5.11	38.78	35.28	Average	100	66	HORIZONTAL
2	11520.80	51.36	74.00	-22.64	42.72	5.13	38.80	35.29	Peak	100	66	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	11490.10	37.19	54.00	-16.81	28.58	5.11	38.78	35.28	Average	100	153	VERTICAL
2	11513.80	49.94	74.00	-24.06	41.31	5.12	38.79	35.28	Peak	100	153	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	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (1TX)

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	11490.19	37.38	54.00	-16.62	28.77	5.11	38.78	35.28	Average	100	234	HORIZONTAL
2	11490.41	49.75	74.00	-24.25	41.14	5.11	38.78	35.28	Peak	100	234	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	11490.55	36.72	54.00	-17.28	28.11	5.11	38.78	35.28	Average	100	88	VERTICAL
2	11490.91	50.11	74.00	-23.89	41.50	5.11	38.78	35.28	Peak	100	88	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (1TX)

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	11569.84	38.48	54.00	-15.52	29.81	5.14	38.83	35.30	Average	100	169	HORIZONTAL
2	11569.95	51.71	74.00	-22.29	43.04	5.14	38.83	35.30	Peak	100	169	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	11569.55	41.26	54.00	-12.74	32.60	5.13	38.83	35.30	Average	100	163	VERTICAL
2	11569.71	54.17	74.00	-19.83	45.51	5.13	38.83	35.30	Peak	100	163	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (1TX)

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	11649.55	51.27	74.00	-22.73	42.55	5.16	38.86	35.30	Peak	100	180	HORIZONTAL
2	11650.44	38.79	54.00	-15.21	30.07	5.16	38.86	35.30	Average	100	180	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	11649.66	39.18	54.00	-14.82	30.46	5.16	38.86	35.30	Average	100	276	VERTICAL
2	11650.04	52.47	74.00	-21.53	43.75	5.16	38.86	35.30	Peak	100	276	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11489.92	49.55	74.00	-24.45	40.94	5.11	38.78	35.28	Peak	100	274	HORIZONTAL
2	11489.99	37.22	54.00	-16.78	28.61	5.11	38.78	35.28	Average	100	274	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	11489.66	49.77	74.00	-24.23	41.16	5.11	38.78	35.28	Peak	100	119	VERTICAL
2	11490.45	36.72	54.00	-17.28	28.11	5.11	38.78	35.28	Average	100	119	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11570.05	51.37	74.00	-22.63	42.70	5.14	38.83	35.30	Peak	100	284	HORIZONTAL
2	11570.31	39.67	54.00	-14.33	31.00	5.14	38.83	35.30	Average	100	284	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	11569.90	42.07	54.00	-11.93	33.40	5.14	38.83	35.30	Average	100	166	VERTICAL
2	11569.95	55.72	74.00	-18.28	47.05	5.14	38.83	35.30	Peak	100	166	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11650.18	51.16	74.00	-22.84	42.44	5.16	38.86	35.30	Peak	100	210	HORIZONTAL
2	11650.29	38.63	54.00	-15.37	29.91	5.16	38.86	35.30	Average	100	210	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	11649.68	51.33	74.00	-22.67	42.61	5.16	38.86	35.30	Peak	100	161	VERTICAL
2	11650.13	38.38	54.00	-15.62	29.66	5.16	38.86	35.30	Average	100	161	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11489.52	49.45	74.00	-24.55	40.84	5.11	38.78	35.28	Peak	100	286	HORIZONTAL
2	11489.94	36.99	54.00	-17.01	28.38	5.11	38.78	35.28	Average	100	286	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	11489.89	50.01	74.00	-23.99	41.40	5.11	38.78	35.28	Peak	100	172	VERTICAL
2	11489.99	37.36	54.00	-16.64	28.75	5.11	38.78	35.28	Average	100	172	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11569.55	39.12	54.00	-14.88	30.46	5.13	38.83	35.30	Average	100	230	HORIZONTAL
2	11570.26	51.03	74.00	-22.97	42.36	5.14	38.83	35.30	Peak	100	230	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	11569.64	54.37	74.00	-19.63	45.71	5.13	38.83	35.30	Peak	100	166	VERTICAL
2	11569.97	42.28	54.00	-11.72	33.61	5.14	38.83	35.30	Average	100	166	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11649.89	38.42	54.00	-15.58	29.70	5.16	38.86	35.30	Average	100	298	HORIZONTAL
2	11650.34	51.61	74.00	-22.39	42.89	5.16	38.86	35.30	Peak	100	298	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	11650.03	38.83	54.00	-15.17	30.11	5.16	38.86	35.30	Average	100	161	VERTICAL
2	11650.29	51.64	74.00	-22.36	42.92	5.16	38.86	35.30	Peak	100	161	VERTICAL



Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11490.08	37.48	54.00	-16.52	28.87	5.11	38.78	35.28	Average	100	299	HORIZONTAL
2	11490.22	49.29	74.00	-24.71	40.68	5.11	38.78	35.28	Peak	100	299	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	11490.32	49.98	74.00	-24.02	41.37	5.11	38.78	35.28	Peak	100	114	VERTICAL
2	11490.34	38.32	54.00	-15.68	29.71	5.11	38.78	35.28	Average	100	114	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11569.72	50.61	74.00	-23.39	41.95	5.13	38.83	35.30	Peak	100	222	HORIZONTAL
2	11570.12	39.99	54.00	-14.01	31.32	5.14	38.83	35.30	Average	100	222	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	11569.83	55.41	74.00	-18.59	46.74	5.14	38.83	35.30	Peak	100	166	VERTICAL
2	11570.40	42.44	54.00	-11.56	33.77	5.14	38.83	35.30	Average	100	166	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11649.54	39.53	54.00	-14.47	30.81	5.16	38.86	35.30	Average	100	218	HORIZONTAL
2	11650.33	50.97	74.00	-23.03	42.25	5.16	38.86	35.30	Peak	100	218	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	11649.60	53.18	74.00	-20.82	44.46	5.16	38.86	35.30	Peak	100	160	VERTICAL
2	11649.74	41.21	54.00	-12.79	32.49	5.16	38.86	35.30	Average	100	160	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11489.56	49.86	74.00	-24.14	41.25	5.11	38.78	35.28	Peak	100	238	HORIZONTAL
2	11489.59	37.27	54.00	-16.73	28.66	5.11	38.78	35.28	Average	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	11489.88	50.63	74.00	-23.37	42.02	5.11	38.78	35.28	Peak	100	151	VERTICAL
2	11490.06	38.11	54.00	-15.89	29.50	5.11	38.78	35.28	Average	100	151	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11569.76	39.46	54.00	-14.54	30.79	5.14	38.83	35.30	Average	100	262	HORIZONTAL
2	11570.34	51.46	74.00	-22.54	42.79	5.14	38.83	35.30	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	11569.86	52.55	74.00	-21.45	43.88	5.14	38.83	35.30	Peak	100	162	VERTICAL
2	11570.10	41.08	54.00	-12.92	32.41	5.14	38.83	35.30	Average	100	162	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11649.63	51.78	74.00	-22.22	43.06	5.16	38.86	35.30	Peak	100	234	HORIZONTAL
2	11649.64	39.32	54.00	-14.68	30.60	5.16	38.86	35.30	Average	100	234	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	11649.91	40.51	54.00	-13.49	31.79	5.16	38.86	35.30	Average	100	110	VERTICAL
2	11649.94	52.26	74.00	-21.74	43.54	5.16	38.86	35.30	Peak	100	110	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (1TX)

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	11509.80	50.84	74.00	-23.16	42.21	5.12	38.79	35.28	Peak	100	283	HORIZONTAL
2	11510.44	37.73	54.00	-16.27	29.10	5.12	38.79	35.28	Average	100	283	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	11509.93	51.09	74.00	-22.91	42.46	5.12	38.79	35.28	Peak	100	222	VERTICAL
2	11510.36	37.30	54.00	-16.70	28.67	5.12	38.79	35.28	Average	100	222	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (1TX)

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	11590.13	37.93	54.00	-16.07	29.26	5.14	38.83	35.30	Average	100	159	HORIZONTAL
2	11590.37	52.17	74.00	-21.83	43.50	5.14	38.83	35.30	Peak	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	11589.65	39.57	54.00	-14.43	30.90	5.14	38.83	35.30	Average	100	197	VERTICAL
2	11589.83	51.73	74.00	-22.27	43.06	5.14	38.83	35.30	Peak	100	197	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11510.44	37.66	54.00	-16.34	29.03	5.12	38.79	35.28	Average	100	218	HORIZONTAL
2	11510.47	50.20	74.00	-23.80	41.57	5.12	38.79	35.28	Peak	100	218	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	11510.31	37.76	54.00	-16.24	29.13	5.12	38.79	35.28	Average	100	127	VERTICAL
2	11510.46	50.90	74.00	-23.10	42.27	5.12	38.79	35.28	Peak	100	127	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11589.99	38.46	54.00	-15.54	29.79	5.14	38.83	35.30	Average	100	244	HORIZONTAL
2	11590.39	50.81	74.00	-23.19	42.14	5.14	38.83	35.30	Peak	100	244	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	11590.23	39.84	54.00	-14.16	31.17	5.14	38.83	35.30	Average	100	168	VERTICAL
2	11590.27	52.46	74.00	-21.54	43.79	5.14	38.83	35.30	Peak	100	168	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11509.78	37.68	54.00	-16.32	29.05	5.12	38.79	35.28	Average	100	254	HORIZONTAL
2	11510.33	50.58	74.00	-23.42	41.95	5.12	38.79	35.28	Peak	100	254	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	11509.65	50.72	74.00	-23.28	42.09	5.12	38.79	35.28	Peak	100	120	VERTICAL
2	11509.84	37.60	54.00	-16.40	28.97	5.12	38.79	35.28	Average	100	120	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (2TX)

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	11590.32	38.34	54.00	-15.66	29.67	5.14	38.83	35.30	Average	100	307	HORIZONTAL
2	11590.48	51.59	74.00	-22.41	42.92	5.14	38.83	35.30	Peak	100	307	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	11589.62	50.93	74.00	-23.07	42.26	5.14	38.83	35.30	Peak	100	247	VERTICAL
2	11590.31	39.03	54.00	-14.97	30.36	5.14	38.83	35.30	Average	100	247	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11509.88	37.47	54.00	-16.53	28.84	5.12	38.79	35.28	Average	100	232	HORIZONTAL
2	11510.12	49.83	74.00	-24.17	41.20	5.12	38.79	35.28	Peak	100	232	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	11509.95	37.81	54.00	-16.19	29.18	5.12	38.79	35.28	Average	100	122	VERTICAL
2	11509.97	49.93	74.00	-24.07	41.30	5.12	38.79	35.28	Peak	100	122	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11589.71	38.46	54.00	-15.54	29.79	5.14	38.83	35.30	Average	100	242	HORIZONTAL
2	11589.80	51.08	74.00	-22.92	42.41	5.14	38.83	35.30	Peak	100	242	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	11589.72	53.08	74.00	-20.92	44.41	5.14	38.83	35.30	Peak	100	168	VERTICAL
2	11590.42	39.19	54.00	-14.81	30.52	5.14	38.83	35.30	Average	100	168	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11510.20	50.37	74.00	-23.63	41.74	5.12	38.79	35.28	Peak	100	298	HORIZONTAL
2	11510.33	37.46	54.00	-16.54	28.83	5.12	38.79	35.28	Average	100	298	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	11509.57	50.73	74.00	-23.27	42.10	5.12	38.79	35.28	Peak	100	133	VERTICAL
2	11510.34	37.77	54.00	-16.23	29.14	5.12	38.79	35.28	Average	100	133	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 8 (Ant. 8 Panel antenna / 10.5dBi) (3TX)

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	11589.51	38.24	54.00	-15.76	29.57	5.14	38.83	35.30	Average	100	258	HORIZONTAL
2	11589.82	50.51	74.00	-23.49	41.84	5.14	38.83	35.30	Peak	100	258	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	11589.74	38.93	54.00	-15.07	30.26	5.14	38.83	35.30	Average	100	113	VERTICAL
2	11589.83	51.60	74.00	-22.40	42.93	5.14	38.83	35.30	Peak	100	113	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	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (1TX)

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	11490.99	36.38	54.00	-17.62	27.77	5.11	38.78	35.28	Average	100	334	HORIZONTAL
2	11491.90	50.46	74.00	-23.54	41.85	5.11	38.78	35.28	Peak	100	334	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	11490.75	50.83	74.00	-23.17	42.22	5.11	38.78	35.28	Peak	100	329	VERTICAL
2	11491.11	36.44	54.00	-17.56	27.83	5.11	38.78	35.28	Average	100	329	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (1TX)

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	11569.13	36.50	54.00	-17.50	27.84	5.13	38.83	35.30	Average	100	284	HORIZONTAL
2	11571.04	50.36	74.00	-23.64	41.69	5.14	38.83	35.30	Peak	100	284	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	11568.03	52.31	74.00	-21.69	43.65	5.13	38.83	35.30	Peak	100	73	VERTICAL
2	11569.50	38.38	54.00	-15.62	29.72	5.13	38.83	35.30	Average	100	73	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (1TX)

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	11651.80	51.14	74.00	-22.86	42.42	5.16	38.86	35.30	Peak	100	172	HORIZONTAL
2	11652.30	36.74	54.00	-17.26	28.02	5.16	38.86	35.30	Average	100	172	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	11647.92	52.86	74.00	-21.14	44.14	5.16	38.86	35.30	Peak	100	301	VERTICAL
2	11648.36	38.50	54.00	-15.50	29.78	5.16	38.86	35.30	Average	100	301	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11489.88	50.32	74.00	-23.68	41.71	5.11	38.78	35.28	Peak	100	130	HORIZONTAL
2	11490.48	36.10	54.00	-17.90	27.49	5.11	38.78	35.28	Average	100	130	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	11489.01	50.47	74.00	-23.53	41.86	5.11	38.78	35.28	Peak	100	252	VERTICAL
2	11490.89	36.14	54.00	-17.86	27.53	5.11	38.78	35.28	Average	100	252	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11569.17	51.31	74.00	-22.69	42.65	5.13	38.83	35.30	Peak	100	344	HORIZONTAL
2	11570.62	36.73	54.00	-17.27	28.06	5.14	38.83	35.30	Average	100	344	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	11569.35	51.76	74.00	-22.24	43.10	5.13	38.83	35.30	Peak	100	169	VERTICAL
2	11570.38	37.44	54.00	-16.56	28.77	5.14	38.83	35.30	Average	100	169	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11649.17	50.35	74.00	-23.65	41.63	5.16	38.86	35.30	Peak	100	157	HORIZONTAL
2	11650.59	36.10	54.00	-17.90	27.38	5.16	38.86	35.30	Average	100	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	11649.78	50.35	74.00	-23.65	41.63	5.16	38.86	35.30	Peak	100	68	VERTICAL
2	11650.03	36.11	54.00	-17.89	27.39	5.16	38.86	35.30	Average	100	68	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11490.35	36.04	54.00	-17.96	27.43	5.11	38.78	35.28	Average	100	332	HORIZONTAL
2	11490.42	50.92	74.00	-23.08	42.31	5.11	38.78	35.28	Peak	100	332	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	11489.18	49.91	74.00	-24.09	41.30	5.11	38.78	35.28	Peak	100	187	VERTICAL
2	11490.15	36.04	54.00	-17.96	27.43	5.11	38.78	35.28	Average	100	187	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11570.28	36.31	54.00	-17.69	27.64	5.14	38.83	35.30	Average	100	246	HORIZONTAL
2	11570.34	50.71	74.00	-23.29	42.04	5.14	38.83	35.30	Peak	100	246	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	11569.00	36.65	54.00	-17.35	27.99	5.13	38.83	35.30	Average	100	147	VERTICAL
2	11569.96	50.64	74.00	-23.36	41.97	5.14	38.83	35.30	Peak	100	147	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11649.96	36.08	54.00	-17.92	27.36	5.16	38.86	35.30	Average	100	206	HORIZONTAL
2	11651.00	51.31	74.00	-22.69	42.59	5.16	38.86	35.30	Peak	100	206	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	11650.00	36.09	54.00	-17.91	27.37	5.16	38.86	35.30	Average	100	313	VERTICAL
2	11650.63	50.53	74.00	-23.47	41.81	5.16	38.86	35.30	Peak	100	313	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11490.41	50.21	74.00	-23.79	41.60	5.11	38.78	35.28	Peak	100	215	HORIZONTAL
2	11490.48	36.68	54.00	-17.32	28.07	5.11	38.78	35.28	Average	100	215	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	11490.05	35.55	54.00	-18.45	26.94	5.11	38.78	35.28	Average	100	80	VERTICAL
2	11490.30	49.87	74.00	-24.13	41.26	5.11	38.78	35.28	Peak	100	80	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11569.54	51.00	74.00	-23.00	42.34	5.13	38.83	35.30	Peak	100	251	HORIZONTAL
2	11569.58	36.93	54.00	-17.07	28.27	5.13	38.83	35.30	Average	100	251	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	11569.63	49.83	74.00	-24.17	41.17	5.13	38.83	35.30	Peak	100	189	VERTICAL
2	11569.79	37.72	54.00	-16.28	29.05	5.14	38.83	35.30	Average	100	189	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11650.12	49.85	74.00	-24.15	41.13	5.16	38.86	35.30	Peak	100	251	HORIZONTAL
2	11650.14	37.02	54.00	-16.98	28.30	5.16	38.86	35.30	Average	100	251	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	11649.51	49.89	74.00	-24.11	41.17	5.16	38.86	35.30	Peak	100	153	VERTICAL
2	11649.92	37.26	54.00	-16.74	28.54	5.16	38.86	35.30	Average	100	153	VERTICAL



Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11489.90	49.94	74.00	-24.06	41.33	5.11	38.78	35.28	Peak	100	297	HORIZONTAL
2	11490.46	36.66	54.00	-17.34	28.05	5.11	38.78	35.28	Average	100	297	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	11489.52	36.99	54.00	-17.01	28.38	5.11	38.78	35.28	Average	100	249	VERTICAL
2	11489.92	49.66	74.00	-24.34	41.05	5.11	38.78	35.28	Peak	100	249	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11569.67	37.38	54.00	-16.62	28.72	5.13	38.83	35.30	Average	100	228	HORIZONTAL
2	11570.12	50.28	74.00	-23.72	41.61	5.14	38.83	35.30	Peak	100	228	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	11569.60	37.10	54.00	-16.90	28.44	5.13	38.83	35.30	Average	100	156	VERTICAL
2	11570.41	50.64	74.00	-23.36	41.97	5.14	38.83	35.30	Peak	100	156	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11649.99	36.85	54.00	-17.15	28.13	5.16	38.86	35.30	Average	100	275	HORIZONTAL
2	11650.13	49.98	74.00	-24.02	41.26	5.16	38.86	35.30	Peak	100	275	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	11649.50	50.75	74.00	-23.25	42.03	5.16	38.86	35.30	Peak	100	169	VERTICAL
2	11650.40	37.41	54.00	-16.59	28.69	5.16	38.86	35.30	Average	100	169	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (1TX)

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	11506.70	50.14	74.00	-23.86	41.51	5.12	38.79	35.28	Peak	100	161	HORIZONTAL
2	11514.92	37.10	54.00	-16.90	28.48	5.12	38.79	35.29	Average	100	161	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	11508.30	50.05	74.00	-23.95	41.42	5.12	38.79	35.28	Peak	100	149	VERTICAL
2	11513.70	36.41	54.00	-17.59	27.78	5.12	38.79	35.28	Average	100	149	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (1TX)

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	11589.71	50.51	74.00	-23.49	41.84	5.14	38.83	35.30	Peak	100	13	HORIZONTAL
2	11591.12	36.36	54.00	-17.64	27.69	5.14	38.83	35.30	Average	100	13	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	11589.28	51.98	74.00	-22.02	43.31	5.14	38.83	35.30	Peak	100	301	VERTICAL
2	11589.82	37.06	54.00	-16.94	28.39	5.14	38.83	35.30	Average	100	301	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11510.46	50.39	74.00	-23.61	41.76	5.12	38.79	35.28	Peak	100	116	HORIZONTAL
2	11510.85	36.18	54.00	-17.82	27.55	5.12	38.79	35.28	Average	100	116	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	11509.11	50.53	74.00	-23.47	41.90	5.12	38.79	35.28	Peak	100	203	VERTICAL
2	11510.83	36.20	54.00	-17.80	27.57	5.12	38.79	35.28	Average	100	203	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11589.07	36.19	54.00	-17.81	27.52	5.14	38.83	35.30	Average	100	176	HORIZONTAL
2	11590.60	50.68	74.00	-23.32	42.01	5.14	38.83	35.30	Peak	100	176	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	11589.62	36.18	54.00	-17.82	27.51	5.14	38.83	35.30	Average	100	346	VERTICAL
2	11589.96	50.34	74.00	-23.66	41.67	5.14	38.83	35.30	Peak	100	346	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11510.56	50.66	74.00	-23.34	42.03	5.12	38.79	35.28	Peak	100	21	HORIZONTAL
2	11510.84	36.23	54.00	-17.77	27.60	5.12	38.79	35.28	Average	100	21	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	11509.16	36.23	54.00	-17.77	27.60	5.12	38.79	35.28	Average	100	130	VERTICAL
2	11510.64	50.94	74.00	-23.06	42.31	5.12	38.79	35.28	Peak	100	130	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (2TX)

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	11589.00	36.31	54.00	-17.69	27.64	5.14	38.83	35.30	Average	100	129	HORIZONTAL
2	11590.72	51.09	74.00	-22.91	42.42	5.14	38.83	35.30	Peak	100	129	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	11590.69	50.68	74.00	-23.32	42.01	5.14	38.83	35.30	Peak	100	236	VERTICAL
2	11590.94	36.31	54.00	-17.69	27.64	5.14	38.83	35.30	Average	100	236	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11510.03	36.70	54.00	-17.30	28.07	5.12	38.79	35.28	Average	100	240	HORIZONTAL
2	11510.28	49.55	74.00	-24.45	40.92	5.12	38.79	35.28	Peak	100	240	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	11509.91	36.97	54.00	-17.03	28.34	5.12	38.79	35.28	Average	100	180	VERTICAL
2	11510.17	50.78	74.00	-23.22	42.15	5.12	38.79	35.28	Peak	100	180	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11589.69	36.76	54.00	-17.24	28.09	5.14	38.83	35.30	Average	100	308	HORIZONTAL
2	11590.33	49.66	74.00	-24.34	40.99	5.14	38.83	35.30	Peak	100	308	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	11589.93	50.83	74.00	-23.17	42.16	5.14	38.83	35.30	Peak	100	213	VERTICAL
2	11590.12	37.28	54.00	-16.72	28.61	5.14	38.83	35.30	Average	100	213	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11509.56	50.50	74.00	-23.50	41.87	5.12	38.79	35.28	Peak	100	232	HORIZONTAL
2	11509.70	36.76	54.00	-17.24	28.13	5.12	38.79	35.28	Average	100	232	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	11509.86	37.05	54.00	-16.95	28.42	5.12	38.79	35.28	Average	100	121	VERTICAL
2	11510.10	50.19	74.00	-23.81	41.56	5.12	38.79	35.28	Peak	100	121	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 9 (Ant. 9 Yagi antenna / 8dBi) (3TX)

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	11589.61	36.65	54.00	-17.35	27.98	5.14	38.83	35.30	Average	100	282	HORIZONTAL
2	11590.37	49.37	74.00	-24.63	40.70	5.14	38.83	35.30	Peak	100	282	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	11589.70	37.21	54.00	-16.79	28.54	5.14	38.83	35.30	Average	100	198	VERTICAL
2	11590.40	50.35	74.00	-23.65	41.68	5.14	38.83	35.30	Peak	100	198	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	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (1TX)

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	11490.64	52.11	74.00	-21.89	43.50	5.11	38.78	35.28	Peak	100	159	HORIZONTAL
2	11490.84	39.11	54.00	-14.89	30.50	5.11	38.78	35.28	Average	100	159	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	11490.36	38.70	54.00	-15.30	30.09	5.11	38.78	35.28	Average	100	260	VERTICAL
2	11490.84	52.14	74.00	-21.86	43.53	5.11	38.78	35.28	Peak	100	260	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (1TX)

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	11569.73	51.81	74.00	-22.19	43.15	5.13	38.83	35.30	Peak	100	191	HORIZONTAL
2	11570.12	38.61	54.00	-15.39	29.94	5.14	38.83	35.30	Average	100	191	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	11569.51	39.32	54.00	-14.68	30.66	5.13	38.83	35.30	Average	100	249	VERTICAL
2	11570.28	51.82	74.00	-22.18	43.15	5.14	38.83	35.30	Peak	100	249	VERTICAL



Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (1TX)

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	11650.01	52.61	74.00	-21.39	43.89	5.16	38.86	35.30	Peak	100	223	HORIZONTAL
2	11650.37	39.64	54.00	-14.36	30.92	5.16	38.86	35.30	Average	100	223	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	11649.98	40.08	54.00	-13.92	31.36	5.16	38.86	35.30	Average	100	126	VERTICAL
2	11650.01	52.82	74.00	-21.18	44.10	5.16	38.86	35.30	Peak	100	126	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11489.50	36.70	54.00	-17.30	28.09	5.11	38.78	35.28	Average	100	45	HORIZONTAL
2	11489.60	50.67	74.00	-23.33	42.06	5.11	38.78	35.28	Peak	100	45	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	11489.35	36.57	54.00	-17.43	27.96	5.11	38.78	35.28	Average	100	191	VERTICAL
2	11489.51	50.42	74.00	-23.58	41.81	5.11	38.78	35.28	Peak	100	191	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch157 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11569.49	51.21	74.00	-22.79	42.55	5.13	38.83	35.30	Peak	100	162	HORIZONTAL
2	11570.46	36.80	54.00	-17.20	28.13	5.14	38.83	35.30	Average	100	162	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	11570.24	36.88	54.00	-17.12	28.21	5.14	38.83	35.30	Average	100	319	VERTICAL
2	11570.83	51.67	74.00	-22.33	43.00	5.14	38.83	35.30	Peak	100	319	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11650.80	50.99	74.00	-23.01	42.27	5.16	38.86	35.30	Peak	100	185	HORIZONTAL
2	11650.87	37.07	54.00	-16.93	28.35	5.16	38.86	35.30	Average	100	185	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	11650.08	51.31	74.00	-22.69	42.59	5.16	38.86	35.30	Peak	100	11	VERTICAL
2	11650.62	37.34	54.00	-16.66	28.62	5.16	38.86	35.30	Average	100	11	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11489.36	50.87	74.00	-23.13	42.26	5.11	38.78	35.28	Peak	100	192	HORIZONTAL
2	11489.41	36.83	54.00	-17.17	28.22	5.11	38.78	35.28	Average	100	192	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	11489.04	50.77	74.00	-23.23	42.16	5.11	38.78	35.28	Peak	100	316	VERTICAL
2	11489.55	36.85	54.00	-17.15	28.24	5.11	38.78	35.28	Average	100	316	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11570.12	51.56	74.00	-22.44	42.89	5.14	38.83	35.30	Peak	100	141	HORIZONTAL
2	11570.44	36.95	54.00	-17.05	28.28	5.14	38.83	35.30	Average	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	11569.32	37.04	54.00	-16.96	28.38	5.13	38.83	35.30	Average	100	219	VERTICAL
2	11569.59	51.18	74.00	-22.82	42.52	5.13	38.83	35.30	Peak	100	219	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11650.25	51.21	74.00	-22.79	42.49	5.16	38.86	35.30	Peak	100	152	HORIZONTAL
2	11650.55	37.05	54.00	-16.95	28.33	5.16	38.86	35.30	Average	100	152	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	11649.72	50.57	74.00	-23.43	41.85	5.16	38.86	35.30	Peak	100	331	VERTICAL
2	11650.30	37.03	54.00	-16.97	28.31	5.16	38.86	35.30	Average	100	331	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11489.46	36.61	54.00	-17.39	28.00	5.11	38.78	35.28	Average	100	223	HORIZONTAL
2	11491.22	50.29	74.00	-23.71	41.68	5.11	38.78	35.28	Peak	100	223	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	11489.22	50.61	74.00	-23.39	42.00	5.11	38.78	35.28	Peak	100	159	VERTICAL
2	11489.57	36.66	54.00	-17.34	28.05	5.11	38.78	35.28	Average	100	159	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11567.53	37.03	54.00	-16.97	28.37	5.13	38.83	35.30	Average	100	146	HORIZONTAL
2	11568.03	51.33	74.00	-22.67	42.67	5.13	38.83	35.30	Peak	100	146	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	11570.25	37.02	54.00	-16.98	28.35	5.14	38.83	35.30	Average	100	199	VERTICAL
2	11572.10	51.77	74.00	-22.23	43.10	5.14	38.83	35.30	Peak	100	199	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch165 / Chain 1+ Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11648.15	37.20	54.00	-16.80	28.48	5.16	38.86	35.30 Average	100	261	HORIZONTAL
2	11650.26	50.95	74.00	-23.05	42.23	5.16	38.86	35.30 Peak	100	261	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	11649.15	51.91	74.00	-22.09	43.19	5.16	38.86	35.30 Peak	100	309	VERTICAL
2	11652.41	37.69	54.00	-16.31	28.97	5.16	38.86	35.30 Average	100	309	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 149 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11489.56	36.49	54.00	-17.51	27.88	5.11	38.78	35.28	Average	100	29	HORIZONTAL
2	11489.88	50.55	74.00	-23.45	41.94	5.11	38.78	35.28	Peak	100	29	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	11489.53	36.52	54.00	-17.48	27.91	5.11	38.78	35.28	Average	100	266	VERTICAL
2	11490.00	50.12	74.00	-23.88	41.51	5.11	38.78	35.28	Peak	100	266	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 157 / Chain 1+ Chain 2+ Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11570.06	51.28	74.00	-22.72	42.61	5.14	38.83	35.30	Peak	100	116	HORIZONTAL
2	11570.23	36.94	54.00	-17.06	28.27	5.14	38.83	35.30	Average	100	116	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	11567.50	36.95	54.00	-17.05	28.29	5.13	38.83	35.30	Average	100	59	VERTICAL
2	11572.18	51.18	74.00	-22.82	42.51	5.14	38.83	35.30	Peak	100	59	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch165 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11647.71	37.15	54.00	-16.85	28.43	5.16	38.86	35.30	Average	100	210	HORIZONTAL
2	11647.89	50.86	74.00	-23.14	42.14	5.16	38.86	35.30	Peak	100	210	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	11648.43	37.21	54.00	-16.79	28.49	5.16	38.86	35.30	Average	100	140	VERTICAL
2	11649.87	51.64	74.00	-22.36	42.92	5.16	38.86	35.30	Peak	100	140	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (1TX)

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	11509.76	52.04	74.00	-21.96	43.41	5.12	38.79	35.28	Peak	100	305	HORIZONTAL
2	11509.88	38.71	54.00	-15.29	30.08	5.12	38.79	35.28	Average	100	305	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	11509.56	51.85	74.00	-22.15	43.22	5.12	38.79	35.28	Peak	100	228	VERTICAL
2	11509.65	38.96	54.00	-15.04	30.33	5.12	38.79	35.28	Average	100	228	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (1TX)

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	11569.64	52.21	74.00	-21.79	43.55	5.13	38.83	35.30	Peak	100	223	HORIZONTAL
2	11570.13	38.99	54.00	-15.01	30.32	5.14	38.83	35.30	Average	100	223	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	11570.02	38.76	54.00	-15.24	30.09	5.14	38.83	35.30	Average	100	103	VERTICAL
2	11570.42	52.14	74.00	-21.86	43.47	5.14	38.83	35.30	Peak	100	103	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11510.00	50.42	74.00	-23.58	41.79	5.12	38.79	35.28	Peak	100	32	HORIZONTAL
2	11510.01	36.52	54.00	-17.48	27.89	5.12	38.79	35.28	Average	100	32	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	11510.00	50.66	74.00	-23.34	42.03	5.12	38.79	35.28	Peak	100	178	VERTICAL
2	11510.00	36.66	54.00	-17.34	28.03	5.12	38.79	35.28	Average	100	178	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11590.00	36.93	54.00	-17.07	28.26	5.14	38.83	35.30	Average	100	209	HORIZONTAL
2	11590.00	51.14	74.00	-22.86	42.47	5.14	38.83	35.30	Peak	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	11590.01	36.97	54.00	-17.03	28.30	5.14	38.83	35.30	Average	100	297	VERTICAL
2	11590.01	51.52	74.00	-22.48	42.85	5.14	38.83	35.30	Peak	100	297	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1+ Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11510.00	50.61	74.00	-23.39	41.98	5.12	38.79	35.28	Peak	100	313	HORIZONTAL
2	11510.00	36.73	54.00	-17.27	28.10	5.12	38.79	35.28	Average	100	313	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	11509.99	36.74	54.00	-17.26	28.11	5.12	38.79	35.28	Average	100	186	VERTICAL
2	11510.01	50.46	74.00	-23.54	41.83	5.12	38.79	35.28	Peak	100	186	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (2TX)

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	11590.00	50.91	74.00	-23.09	42.24	5.14	38.83	35.30	Peak	100	272	HORIZONTAL
2	11590.00	36.98	54.00	-17.02	28.31	5.14	38.83	35.30	Average	100	272	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	11590.00	51.00	74.00	-23.00	42.33	5.14	38.83	35.30	Peak	100	349	VERTICAL
2	11590.00	37.05	54.00	-16.95	28.38	5.14	38.83	35.30	Average	100	349	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11509.88	36.75	54.00	-17.25	28.12	5.12	38.79	35.28	Average	100	209	HORIZONTAL
2	11511.65	50.93	74.00	-23.07	42.30	5.12	38.79	35.28	Peak	100	209	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	11509.35	50.73	74.00	-23.27	42.10	5.12	38.79	35.28	Peak	100	306	VERTICAL
2	11509.98	36.74	54.00	-17.26	28.11	5.12	38.79	35.28	Average	100	306	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

Horizontal

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11588.81	51.10	74.00	-22.90	42.43	5.14	38.83	35.30 Peak	100	144	HORIZONTAL
2	11590.55	37.11	54.00	-16.89	28.44	5.14	38.83	35.30 Average	100	144	HORIZONTAL

Vertical

	Freq	Level	Limit Line	Over Limit	Read Level	CableAntenna Loss Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11587.70	50.62	74.00	-23.38	41.95	5.14	38.83	35.30 Peak	100	242	VERTICAL
2	11590.48	37.13	54.00	-16.87	28.46	5.14	38.83	35.30 Average	100	242	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 151 / Chain 1 + Chain 2 + Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11510.58	51.23	74.00	-22.77	42.60	5.12	38.79	35.28	Peak	100	147	HORIZONTAL
2	11512.43	36.93	54.00	-17.07	28.30	5.12	38.79	35.28	Average	100	147	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	11509.48	50.52	74.00	-23.48	41.89	5.12	38.79	35.28	Peak	100	207	VERTICAL
2	11509.99	36.75	54.00	-17.25	28.12	5.12	38.79	35.28	Average	100	207	VERTICAL

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 159 / Chain 1 + Chain 2 +Chain 3
Test Date	Apr. 27, 2012	Test Mode	Mode 10 (Ant. 5 Facade antenna / 2.5dBi) (3TX)

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	11590.06	51.58	74.00	-22.42	42.91	5.14	38.83	35.30	Peak	100	187	HORIZONTAL
2	11592.49	37.24	54.00	-16.76	28.57	5.14	38.83	35.30	Average	100	187	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	11590.59	37.09	54.00	-16.91	28.42	5.14	38.83	35.30	Average	100	278	VERTICAL
2	11591.92	51.49	74.00	-22.51	42.82	5.14	38.83	35.30	Peak	100	278	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 (micovolts/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)	1MHz / 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	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1
Test Mode	Mode 1(Ant. 1 Dipole antenna / 9dBi) (1TX)		

Channel 1

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	2389.20	68.97	74.00	-5.03	38.26	2.84	0.00	27.87	304	106	Peak	VERTICAL
2 !	2390.00	52.73	54.00	-1.27	22.02	2.84	0.00	27.87	304	106	Average	VERTICAL
3 p	2408.40	115.00				2.85	0.00	27.84	304	106	Peak	VERTICAL
4 a	2409.60	103.86				2.85	0.00	27.84	304	106	Average	VERTICAL
5	2494.00	62.64	74.00	-11.36	32.03	2.91	0.00	27.70	304	106	Peak	VERTICAL
6 !	2494.40	51.20	54.00	-2.80	20.59	2.91	0.00	27.70	304	106	Average	VERTICAL

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

Channel 6

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	2387.60	72.07	74.00	-1.93	41.36	2.84	0.00	27.87	65	119	Peak	VERTICAL
2 !	2390.00	50.81	54.00	-3.19	20.10	2.84	0.00	27.87	65	119	Average	VERTICAL
3 p	2441.40	121.80				2.87	0.00	27.78	65	119	Peak	VERTICAL
4 a	2443.40	110.82				2.87	0.00	27.78	65	119	Average	VERTICAL
5 !	2483.50	51.34	54.00	-2.66	20.71	2.90	0.00	27.73	65	119	Average	VERTICAL
6 !	2483.90	73.00	74.00	-1.00	42.37	2.90	0.00	27.73	65	119	Peak	VERTICAL

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

Channel 11

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2380.00	59.98	74.00	-14.02	29.26	2.83	0.00	27.89	65	119	Peak	VERTICAL
2 !	2381.20	48.70	54.00	-5.30	17.98	2.83	0.00	27.89	65	119	Average	VERTICAL
3 p	2454.80	113.21				2.89	0.00	27.76	65	119	Peak	VERTICAL
4 a	2457.60	102.65				2.89	0.00	27.76	65	119	Average	VERTICAL
5 !	2483.50	52.78	54.00	-1.22	22.15	2.90	0.00	27.73	65	119	Average	VERTICAL
6	2484.30	67.98	74.00	-6.02	37.35	2.90	0.00	27.73	65	119	Peak	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (2TX)		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2389.20	65.43	74.00	-8.57	34.72	2.84	0.00	27.87	58	118	Peak	VERTICAL
2	! 2390.00	52.64	54.00	-1.36	21.93	2.84	0.00	27.87	58	118	Average	VERTICAL
3	a 2413.60	105.30				2.85	0.00	27.84	58	118	Average	VERTICAL
4	p 2414.40	115.54				2.85	0.00	27.84	58	118	Peak	VERTICAL
5	! 2493.10	52.23	54.00	-1.77	21.62	2.91	0.00	27.70	58	118	Average	VERTICAL
6	2493.50	64.69	74.00	-9.31	34.08	2.91	0.00	27.70	58	118	Peak	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2388.40	62.80	74.00	-11.20	32.09	2.84	0.00	27.87	264	115	Peak	VERTICAL
2	! 2390.00	50.37	54.00	-3.63	19.66	2.84	0.00	27.87	264	115	Average	VERTICAL
3	p 2439.40	119.74				2.87	0.00	27.78	264	115	Peak	VERTICAL
4	a 2440.60	109.57				2.87	0.00	27.78	264	115	Average	VERTICAL
5	! 2483.50	52.99	54.00	-1.01	22.36	2.90	0.00	27.73	264	115	Average	VERTICAL
6	2487.10	66.38	74.00	-7.62	35.75	2.90	0.00	27.73	264	115	Peak	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2379.60	59.31	74.00	-14.69	28.59	2.83	0.00	27.89	305	113	Peak	VERTICAL
2	! 2382.40	48.01	54.00	-5.99	17.29	2.83	0.00	27.89	305	113	Average	VERTICAL
3	a 2464.00	105.65				2.89	0.00	27.76	305	113	Average	VERTICAL
4	p 2465.60	116.19				2.89	0.00	27.76	305	113	Peak	VERTICAL
5	! 2483.50	52.84	54.00	-1.16	22.21	2.90	0.00	27.73	305	113	Average	VERTICAL
6	2485.50	66.27	74.00	-7.73	35.64	2.90	0.00	27.73	305	113	Peak	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (2TX)		

Channel 1

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2390.00	66.56	74.00	-7.44	35.85	2.84	0.00	27.87	229	121	Peak	VERTICAL
2 !	2390.00	52.53	54.00	-1.47	21.82	2.84	0.00	27.87	229	121	Average	VERTICAL
3 a	2408.40	103.94				2.85	0.00	27.84	229	121	Average	VERTICAL
4 p	2409.20	115.63				2.85	0.00	27.84	229	121	Peak	VERTICAL
5 !	2492.70	51.84	54.00	-2.16	21.23	2.91	0.00	27.70	229	121	Average	VERTICAL
6	2493.10	64.90	74.00	-9.10	34.29	2.91	0.00	27.70	229	121	Peak	VERTICAL

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

Channel 6

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2389.60	62.94	74.00	-11.06	32.23	2.84	0.00	27.87	303	118	Peak	VERTICAL
2 !	2390.00	50.24	54.00	-3.76	19.53	2.84	0.00	27.87	303	118	Average	VERTICAL
3 p	2439.40	117.99				2.87	0.00	27.78	303	118	Peak	VERTICAL
4 a	2444.20	107.14				2.87	0.00	27.78	303	118	Average	VERTICAL
5 !	2483.50	52.78	54.00	-1.22	22.15	2.90	0.00	27.73	303	118	Average	VERTICAL
6	2494.70	66.21	74.00	-7.79	35.60	2.91	0.00	27.70	303	118	Peak	VERTICAL

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

Channel 11

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	2381.20	48.91	54.00	-5.09	18.19	2.83	0.00	27.89	268	119	Average	VERTICAL
2	2381.60	60.84	74.00	-13.16	30.12	2.83	0.00	27.89	268	119	Peak	VERTICAL
3 a	2456.80	104.03				2.89	0.00	27.76	268	119	Average	VERTICAL
4 p	2458.40	116.12				2.89	0.00	27.76	268	119	Peak	VERTICAL
5	2483.50	65.89	74.00	-8.11	35.26	2.90	0.00	27.73	268	119	Peak	VERTICAL
6 !	2483.50	52.99	54.00	-1.01	22.36	2.90	0.00	27.73	268	119	Average	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (3TX)		

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	2389.80	66.89	74.00	-7.11	36.50	2.22	28.17	0.00	Peak	100	25	VERTICAL
2	2390.00	52.90	54.00	-1.10	22.51	2.22	28.17	0.00	Average	100	25	VERTICAL
3	2410.80	105.95				2.22	28.21	0.00	Average	100	25	VERTICAL
4	2411.00	115.47				2.22	28.21	0.00	Peak	100	25	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	2389.80	60.30	74.00	-13.70	29.91	2.22	28.17	0.00	Peak	108	298	VERTICAL
2	2390.00	49.45	54.00	-4.55	19.06	2.22	28.17	0.00	Average	108	298	VERTICAL
3	2443.20	110.48				2.24	28.29	0.00	Average	108	298	VERTICAL
4	2444.20	120.01				2.24	28.29	0.00	Peak	108	298	VERTICAL
5	2484.30	64.66	74.00	-9.34	34.03	2.26	28.37	0.00	Peak	108	298	VERTICAL
6	2487.00	52.52	54.00	-1.48	21.85	2.26	28.41	0.00	Average	108	298	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	2466.40	117.33				2.26	28.33	0.00	Peak	114	303	VERTICAL
2	2466.80	108.36				2.26	28.33	0.00	Average	114	303	VERTICAL
3	2483.50	52.69	54.00	-1.31	22.06	2.26	28.37	0.00	Average	114	303	VERTICAL
4	2483.70	65.67	74.00	-8.33	35.04	2.26	28.37	0.00	Peak	114	303	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (3TX)		

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	2389.80	66.51	74.00	-7.49	36.12	2.22	28.17	0.00	Peak	116	0	VERTICAL
2	2390.00	52.51	54.00	-1.49	22.12	2.22	28.17	0.00	Average	116	0	VERTICAL
3	2407.20	116.22				2.22	28.21	0.00	Peak	116	0	VERTICAL
4	2407.80	105.70				2.22	28.21	0.00	Average	116	0	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	2389.80	62.16	74.00	-11.84	31.77	2.22	28.17	0.00	Peak	105	315	VERTICAL
2	2390.00	49.30	54.00	-4.70	18.91	2.22	28.17	0.00	Average	105	315	VERTICAL
3	2442.20	120.81				2.24	28.29	0.00	Peak	105	315	VERTICAL
4	2442.60	110.20				2.24	28.29	0.00	Average	105	315	VERTICAL
5	2484.70	64.99	74.00	-9.01	34.36	2.26	28.37	0.00	Peak	105	315	VERTICAL
6	2487.00	52.46	54.00	-1.54	21.79	2.26	28.41	0.00	Average	105	315	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	2468.20	106.32				2.26	28.37	0.00	Average	106	44	VERTICAL
2	2468.80	116.11				2.26	28.37	0.00	Peak	106	44	VERTICAL
3	2483.50	52.68	54.00	-1.32	22.05	2.26	28.37	0.00	Average	106	44	VERTICAL
4	2484.10	66.06	74.00	-7.94	35.43	2.26	28.37	0.00	Peak	106	44	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (1TX)		

Channel 3

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	2390.00	72.29	74.00	-1.71	41.58	2.84	0.00	27.87	304	106	Peak	VERTICAL
2 !	2390.00	52.59	54.00	-1.41	21.88	2.84	0.00	27.87	304	106	Average	VERTICAL
3 p	2408.00	107.72				2.85	0.00	27.84	304	106	Peak	VERTICAL
4 a	2408.80	97.33				2.85	0.00	27.84	304	106	Average	VERTICAL
5	2492.00	58.88	74.00	-15.12	28.27	2.91	0.00	27.70	304	106	Peak	VERTICAL
6	2492.70	46.23	54.00	-7.77	15.62	2.91	0.00	27.70	304	106	Average	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2381.20	56.86	74.00	-17.14	26.14	2.83	0.00	27.89	299	119	Peak	VERTICAL
2	2381.20	45.06	54.00	-8.94	14.34	2.83	0.00	27.89	299	119	Average	VERTICAL
3 a	2464.00	97.21				2.89	0.00	27.76	299	119	Average	VERTICAL
4 p	2465.20	109.25				2.89	0.00	27.76	299	119	Peak	VERTICAL
5 !	2483.50	52.57	54.00	-1.43	21.94	2.90	0.00	27.73	299	119	Average	VERTICAL
6 !	2484.30	72.34	74.00	-1.66	41.71	2.90	0.00	27.73	299	119	Peak	VERTICAL

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

Channel 9

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2390.00	67.71	74.00	-6.29	37.00	2.84	0.00	27.87	303	115	Peak	VERTICAL
2 !	2390.00	52.85	54.00	-1.15	22.14	2.84	0.00	27.87	303	115	Average	VERTICAL
3 p	2449.80	113.98				2.87	0.00	27.78	303	115	Peak	VERTICAL
4 a	2450.20	103.06				2.87	0.00	27.78	303	115	Average	VERTICAL
5 !	2483.50	51.81	54.00	-2.19	21.18	2.90	0.00	27.73	303	115	Average	VERTICAL
6 !	2483.90	68.12	74.00	-5.88	37.49	2.90	0.00	27.73	303	115	Peak	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (2TX)		

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	69.71	74.00	-4.29	39.33	2.21	28.17	0.00	Peak	100	352	VERTICAL
2	2390.00	52.88	54.00	-1.12	22.49	2.22	28.17	0.00	Average	100	352	VERTICAL
3	2429.20	108.26				2.23	28.25	0.00	Peak	100	352	VERTICAL
4	2430.40	98.34				2.23	28.25	0.00	Average	100	352	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	2390.00	50.30	54.00	-3.70	19.91	2.22	28.17	0.00	Average	100	162	VERTICAL
2	2390.00	65.80	74.00	-8.20	35.41	2.22	28.17	0.00	Peak	100	162	VERTICAL
3	2446.60	99.95				2.24	28.29	0.00	Average	100	162	VERTICAL
4	2448.60	109.68				2.24	28.29	0.00	Peak	100	162	VERTICAL
5	2483.50	46.43	54.00	-7.57	15.80	2.26	28.37	0.00	Average	100	162	VERTICAL
6	2484.30	58.73	74.00	-15.27	28.10	2.26	28.37	0.00	Peak	100	162	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	2468.80	109.40				2.26	28.37	0.00	Peak	118	46	VERTICAL
2	2469.20	100.28				2.26	28.37	0.00	Average	118	46	VERTICAL
3	2483.50	52.65	54.00	-1.35	22.02	2.26	28.37	0.00	Average	118	46	VERTICAL
4	2483.90	72.27	74.00	-1.73	41.64	2.26	28.37	0.00	Peak	118	46	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (2TX)		

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	2390.00	52.52	54.00	-1.48	22.13	2.22	28.17	0.00	Average	100	177	VERTICAL
2	2390.00	69.59	74.00	-4.41	39.20	2.22	28.17	0.00	Peak	100	177	VERTICAL
3	2409.60	97.84				2.22	28.21	0.00	Average	100	177	VERTICAL
4	2433.60	108.01				2.23	28.25	0.00	Peak	100	177	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	2389.60	65.49	74.00	-8.51	35.11	2.21	28.17	0.00	Peak	128	332	VERTICAL
2	2390.00	51.23	54.00	-2.77	20.84	2.22	28.17	0.00	Average	128	332	VERTICAL
3	2452.60	117.44				2.24	28.33	0.00	Peak	128	332	VERTICAL
4	2454.20	105.37				2.24	28.33	0.00	Average	128	332	VERTICAL
5	2499.20	52.54	54.00	-1.46	21.86	2.27	28.41	0.00	Average	128	332	VERTICAL
6	2500.00	64.92	74.00	-9.08	34.24	2.27	28.41	0.00	Peak	128	332	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	2454.80	99.30				2.24	28.33	0.00	Average	125	331	VERTICAL
2	2458.80	111.47				2.24	28.33	0.00	Peak	125	331	VERTICAL
3	2483.50	52.65	54.00	-1.35	22.02	2.26	28.37	0.00	Average	125	331	VERTICAL
4	2483.50	69.59	74.00	-4.41	38.96	2.26	28.37	0.00	Peak	125	331	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (3TX)		

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	52.91	54.00	-1.09	22.52	2.22	28.17	0.00	Average	110	328	VERTICAL
2	2390.00	68.55	74.00	-5.45	38.16	2.22	28.17	0.00	Peak	110	328	VERTICAL
3	2427.60	110.08				2.23	28.25	0.00	Peak	110	328	VERTICAL
4	2429.60	100.75				2.23	28.25	0.00	Average	110	328	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	2390.00	51.52	54.00	-2.48	21.13	2.22	28.17	0.00	Average	116	18	VERTICAL
2	2390.00	67.27	74.00	-6.73	36.88	2.22	28.17	0.00	Peak	116	18	VERTICAL
3	2440.60	114.84				2.23	28.29	0.00	Peak	116	18	VERTICAL
4	2441.00	105.20				2.24	28.29	0.00	Average	116	18	VERTICAL
5	2483.50	52.75	54.00	-1.25	22.12	2.26	28.37	0.00	Average	116	18	VERTICAL
6	2483.50	68.25	74.00	-5.75	37.62	2.26	28.37	0.00	Peak	116	18	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	2468.80	109.40				2.26	28.37	0.00	Peak	118	46	VERTICAL
2	2469.20	100.28				2.26	28.37	0.00	Average	118	46	VERTICAL
3	2483.50	52.65	54.00	-1.35	22.02	2.26	28.37	0.00	Average	118	46	VERTICAL
4	2483.90	72.27	74.00	-1.73	41.64	2.26	28.37	0.00	Peak	118	46	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (3TX)		

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	52.39	54.00	-1.61	22.00	2.22	28.17	0.00	Average	100	40	VERTICAL
2	2390.00	68.16	74.00	-5.84	37.77	2.22	28.17	0.00	Peak	100	40	VERTICAL
3	2410.80	97.55				2.22	28.21	0.00	Average	100	40	VERTICAL
4	2418.80	108.56				2.23	28.25	0.00	Peak	100	40	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	64.33	74.00	-9.67	33.95	2.21	28.17	0.00	Peak	112	313	VERTICAL
2	2390.00	51.67	54.00	-2.33	21.28	2.22	28.17	0.00	Average	112	313	VERTICAL
3	2444.20	104.50				2.24	28.29	0.00	Average	112	313	VERTICAL
4	2444.20	116.13				2.24	28.29	0.00	Peak	112	313	VERTICAL
5	2483.50	52.61	54.00	-1.39	21.98	2.26	28.37	0.00	Average	112	313	VERTICAL
6	2487.10	66.10	74.00	-7.90	35.43	2.26	28.41	0.00	Peak	112	313	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	2469.20	99.80				2.26	28.37	0.00	Average	110	15	VERTICAL
2	2469.60	110.04				2.26	28.37	0.00	Peak	110	15	VERTICAL
3	2483.50	52.98	54.00	-1.02	22.35	2.26	28.37	0.00	Average	110	15	VERTICAL
4	2483.50	72.80	74.00	-1.20	42.17	2.26	28.37	0.00	Peak	110	15	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	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Mode	Mode 1(Ant. 1 Dipole antenna / 9dBi) (1TX)		

Channel 1

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2385.20	57.27	74.00	-16.73	26.55	2.83	0.00	27.89	304	105	Peak	VERTICAL
2	2390.00	45.03	54.00	-8.97	14.32	2.84	0.00	27.87	304	105	Average	VERTICAL
3 a	2410.40	108.04				2.85	0.00	27.84	304	105	Average	VERTICAL
4 p	2411.20	111.76				2.85	0.00	27.84	304	105	Peak	VERTICAL
5	2499.10	61.10	74.00	-12.90	30.49	2.91	0.00	27.70	304	105	Peak	VERTICAL
6 !	2499.10	52.97	54.00	-1.03	22.36	2.91	0.00	27.70	304	105	Average	VERTICAL

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

Channel 6

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2390.00	61.46	74.00	-12.54	30.75	2.84	0.00	27.87	298	104	Peak	VERTICAL
2 !	2390.00	52.63	54.00	-1.37	21.92	2.84	0.00	27.87	298	104	Average	VERTICAL
3 p	2438.20	120.48				2.87	0.00	27.78	298	104	Peak	VERTICAL
4 a	2438.60	116.75				2.87	0.00	27.78	298	104	Average	VERTICAL
5	2483.50	60.46	74.00	-13.54	29.83	2.90	0.00	27.73	298	104	Peak	VERTICAL
6 !	2483.50	49.13	54.00	-4.87	18.50	2.90	0.00	27.73	298	104	Average	VERTICAL

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

Channel 11

	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Preamp Factor	Antenna Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	2377.60	51.88	54.00	-2.12	21.16	2.83	0.00	27.89	299	118	Average	VERTICAL
2	2378.00	60.75	74.00	-13.25	30.03	2.83	0.00	27.89	299	118	Peak	VERTICAL
3 p	2462.80	114.52				2.89	0.00	27.76	299	118	Peak	VERTICAL
4 a	2463.60	110.58				2.89	0.00	27.76	299	118	Average	VERTICAL
5 !	2487.50	52.74	54.00	-1.26	22.13	2.91	0.00	27.70	299	118	Average	VERTICAL
6	2488.30	61.81	74.00	-12.19	31.20	2.91	0.00	27.70	299	118	Peak	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 + Chain 2
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (2TX)		

Channel 1

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2390.00	58.25	74.00	-15.75	27.54	2.84	0.00	27.87	242	105	Peak	VERTICAL
2	2390.00	46.56	54.00	-7.44	15.85	2.84	0.00	27.87	242	105	Average	VERTICAL
3 p	2414.80	112.43				2.85	0.00	27.84	242	105	Peak	VERTICAL
4 a	2414.80	108.60				2.85	0.00	27.84	242	105	Average	VERTICAL
5	2497.50	61.47	74.00	-12.53	30.86	2.91	0.00	27.70	242	105	Peak	VERTICAL
6 !	2498.30	52.19	54.00	-1.81	21.58	2.91	0.00	27.70	242	105	Average	VERTICAL

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

Channel 6

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1	2390.00	61.41	74.00	-12.59	30.70	2.84	0.00	27.87	260	118	Peak	VERTICAL
2 !	2390.00	50.51	54.00	-3.49	19.80	2.84	0.00	27.87	260	118	Average	VERTICAL
3 p	2439.80	121.96				2.87	0.00	27.78	260	118	Peak	VERTICAL
4 a	2439.80	118.08				2.87	0.00	27.78	260	118	Average	VERTICAL
5 !	2483.50	52.78	54.00	-1.22	22.15	2.90	0.00	27.73	260	118	Average	VERTICAL
6	2484.30	64.64	74.00	-9.36	34.01	2.90	0.00	27.73	260	118	Peak	VERTICAL

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

Channel 11

	Freq	Level	Limit	Over	Read	Cable	Preamp	Antenna	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	deg	cm		
1 !	2376.40	49.62	54.00	-4.38	18.90	2.83	0.00	27.89	268	117	Average	VERTICAL
2	2377.60	59.56	74.00	-14.44	28.84	2.83	0.00	27.89	268	117	Peak	VERTICAL
3 a	2460.40	113.54				2.89	0.00	27.76	268	117	Average	VERTICAL
4 p	2461.20	117.30				2.89	0.00	27.76	268	117	Peak	VERTICAL
5 !	2483.50	52.13	54.00	-1.87	21.50	2.90	0.00	27.73	268	117	Average	VERTICAL
6	2492.30	63.75	74.00	-10.25	33.14	2.91	0.00	27.70	268	117	Peak	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (3TX)		

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	2389.60	63.22	74.00	-10.78	32.84	2.21	28.17	0.00	Peak	100	349	VERTICAL
2	2390.00	51.97	54.00	-2.03	21.58	2.22	28.17	0.00	Average	100	349	VERTICAL
3	2410.20	116.53				2.22	28.21	0.00	Average	100	349	VERTICAL
4	2411.00	119.99				2.22	28.21	0.00	Peak	100	349	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	2389.80	61.76	74.00	-12.24	31.37	2.22	28.17	0.00	Peak	110	342	VERTICAL
2	2390.00	50.05	54.00	-3.95	19.66	2.22	28.17	0.00	Average	110	342	VERTICAL
3	2438.00	124.62				2.23	28.29	0.00	Peak	110	342	VERTICAL
4	2438.80	121.07				2.23	28.29	0.00	Average	110	342	VERTICAL
5	2483.50	52.43	54.00	-1.57	21.80	2.26	28.37	0.00	Average	110	342	VERTICAL
6	2485.50	66.44	74.00	-7.56	35.77	2.26	28.41	0.00	Peak	110	342	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	2462.80	114.29				2.24	28.33	0.00	Average	115	29	VERTICAL
2	2463.00	118.21				2.24	28.33	0.00	Peak	115	29	VERTICAL
3	2483.50	52.60	54.00	-1.40	21.97	2.26	28.37	0.00	Average	115	29	VERTICAL
4	2483.50	61.93	74.00	-12.07	31.30	2.26	28.37	0.00	Peak	115	29	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Moe	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (1TX)		

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	2389.60	67.00	74.00	-7.00	36.62	2.21	28.17	0.00	Peak	100	0	VERTICAL
2	2390.00	52.24	54.00	-1.76	21.85	2.22	28.17	0.00	Average	100	0	VERTICAL
3	2406.60	103.56				2.22	28.21	0.00	Average	100	0	VERTICAL
4	2409.20	113.24				2.22	28.21	0.00	Peak	100	0	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	2388.80	48.36	54.00	-5.64	17.98	2.21	28.17	0.00	Average	100	318	VERTICAL
2	2388.80	70.94	74.00	-3.06	40.56	2.21	28.17	0.00	Peak	100	318	VERTICAL
3	2431.60	108.49				2.23	28.25	0.00	Average	100	318	VERTICAL
4	2432.40	119.00				2.23	28.25	0.00	Peak	100	318	VERTICAL
5	2483.50	51.35	54.00	-2.65	20.72	2.26	28.37	0.00	Average	100	318	VERTICAL
6	2484.70	72.36	74.00	-1.64	41.73	2.26	28.37	0.00	Peak	100	318	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	2468.20	104.86				2.26	28.37	0.00	Average	105	11	VERTICAL
2	2469.40	114.23				2.26	28.37	0.00	Peak	105	11	VERTICAL
3	2483.50	52.89	54.00	-1.11	22.26	2.26	28.37	0.00	Average	105	11	VERTICAL
4	2483.50	66.57	74.00	-7.43	35.94	2.26	28.37	0.00	Peak	105	11	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2
Test Moe	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (2TX)		

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	2389.20	67.04	74.00	-6.96	36.66	2.21	28.17	0.00	Peak	100	36	VERTICAL
2	2390.00	52.18	54.00	-1.82	21.79	2.22	28.17	0.00	Average	100	36	VERTICAL
3	2410.00	105.76				2.22	28.21	0.00	Average	100	36	VERTICAL
4	2410.00	115.54				2.22	28.21	0.00	Peak	100	36	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	2389.80	59.04	74.00	-14.96	28.65	2.22	28.17	0.00	Peak	109	343	VERTICAL
2	2390.00	47.75	54.00	-6.25	17.36	2.22	28.17	0.00	Average	109	343	VERTICAL
3	2431.00	109.06				2.23	28.25	0.00	Average	109	343	VERTICAL
4	2436.00	119.22				2.23	28.29	0.00	Peak	109	343	VERTICAL
5	2485.90	65.67	74.00	-8.33	35.00	2.26	28.41	0.00	Peak	109	343	VERTICAL
6	2486.10	52.38	54.00	-1.62	21.71	2.26	28.41	0.00	Average	109	343	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	2468.00	115.67				2.26	28.33	0.00	Peak	108	39	VERTICAL
2	2468.40	106.57				2.26	28.37	0.00	Average	108	39	VERTICAL
3	2483.50	52.48	54.00	-1.52	21.85	2.26	28.37	0.00	Average	108	39	VERTICAL
4	2483.50	66.41	74.00	-7.59	35.78	2.26	28.37	0.00	Peak	108	39	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Moe	Mode 1 (Ant. 1 Dipole antenna / 9dBi) (3TX)		

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	52.88	54.00	-1.12	22.49	2.22	28.17	0.00	Average	100	55	VERTICAL
2	2390.00	66.05	74.00	-7.95	35.66	2.22	28.17	0.00	Peak	100	55	VERTICAL
3	2409.80	116.03				2.22	28.21	0.00	Peak	100	55	VERTICAL
4	2410.60	106.33				2.22	28.21	0.00	Average	100	55	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	2388.40	62.04	74.00	-11.96	31.66	2.21	28.17	0.00	Peak	115	304	VERTICAL
2	2390.00	49.41	54.00	-4.59	19.02	2.22	28.17	0.00	Average	115	304	VERTICAL
3	2442.00	121.65				2.24	28.29	0.00	Peak	115	304	VERTICAL
4	2442.40	112.31				2.24	28.29	0.00	Average	115	304	VERTICAL
5	2486.30	64.82	74.00	-9.18	34.15	2.26	28.41	0.00	Peak	115	304	VERTICAL
6	2487.00	52.88	54.00	-1.12	22.21	2.26	28.41	0.00	Average	115	304	VERTICAL

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

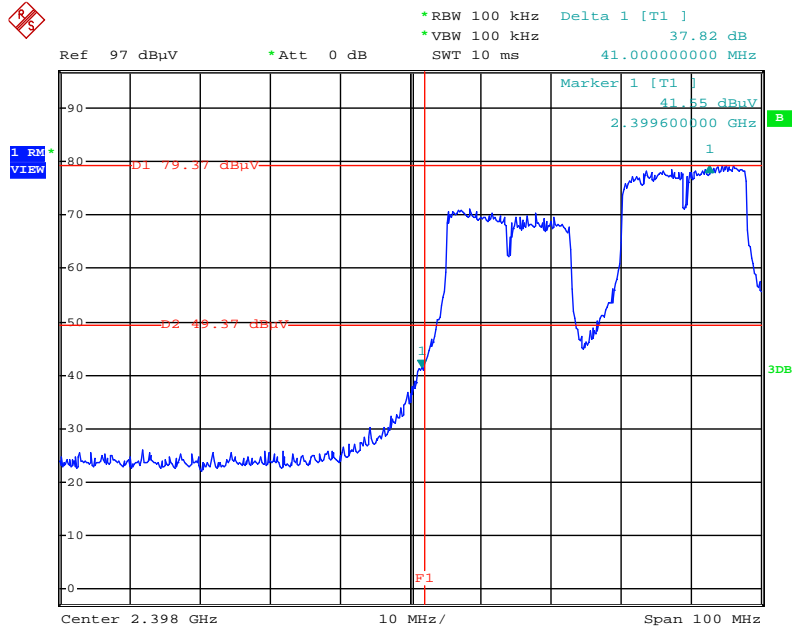
Channel 11

	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	2463.00	106.78				2.24	28.33	0.00	Average	114	25	VERTICAL
2	2464.00	115.72				2.24	28.33	0.00	Peak	114	25	VERTICAL
3	2483.50	52.47	54.00	-1.53	21.84	2.26	28.37	0.00	Average	114	25	VERTICAL
4	2483.50	65.86	74.00	-8.14	35.23	2.26	28.37	0.00	Peak	114	25	VERTICAL

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

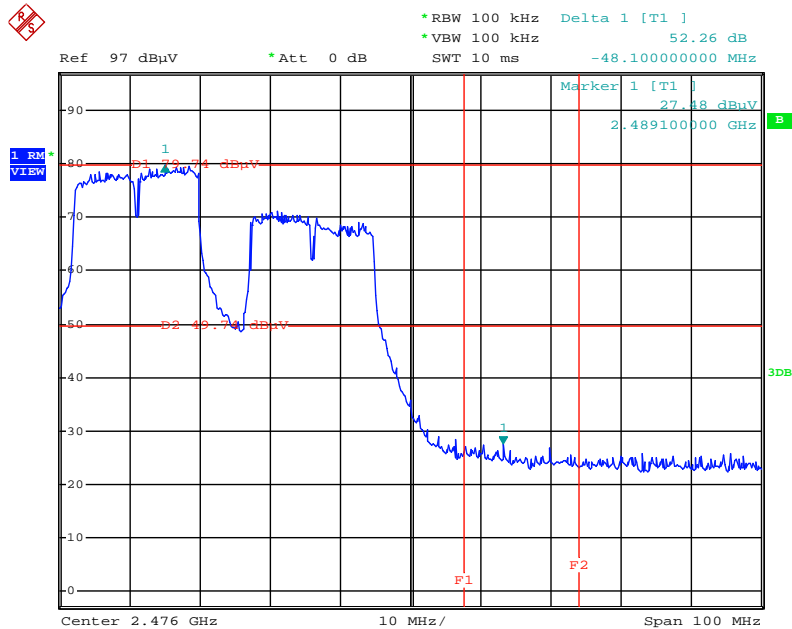
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 / 2412 MHz (1TX)



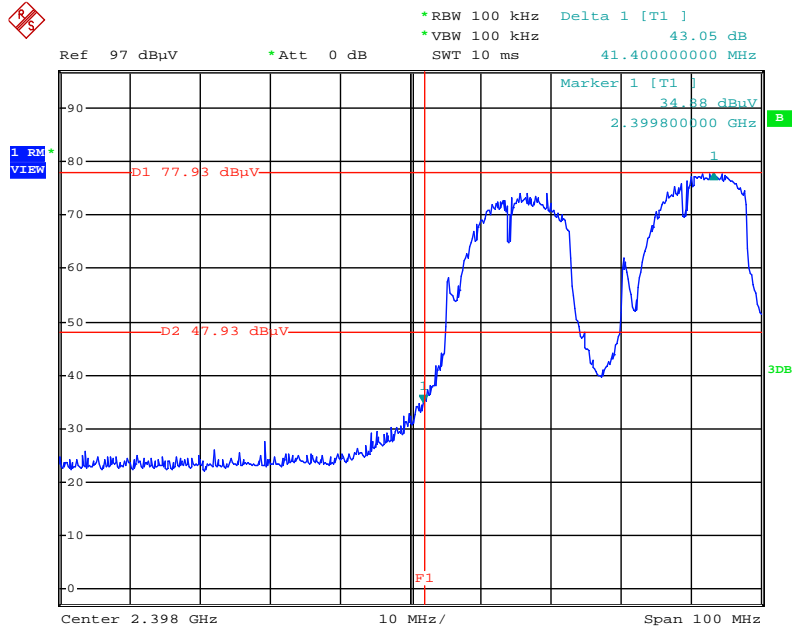
Date: 7.APR.2012 12:00:09

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 / 2462 MHz (1TX)



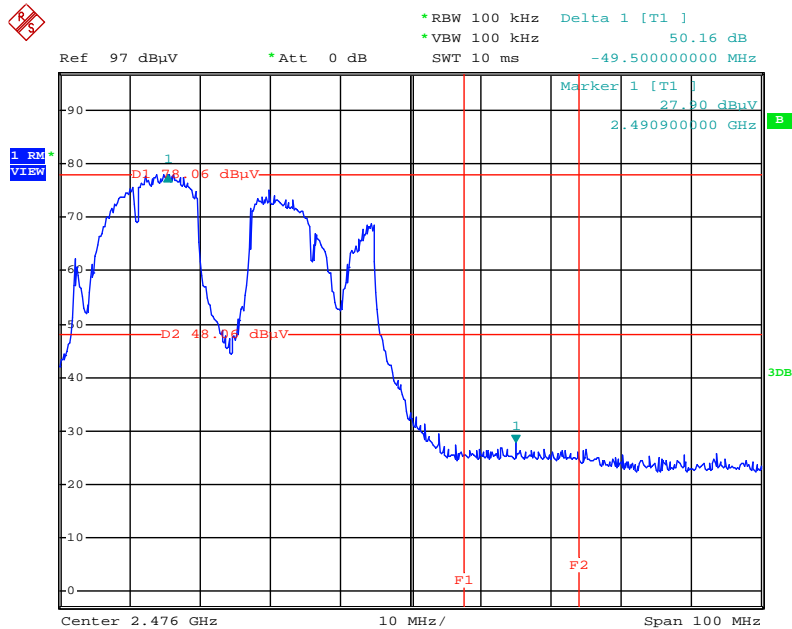
Date: 7.APR.2012 12:03:04

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2/ 2412 MHz (2TX)



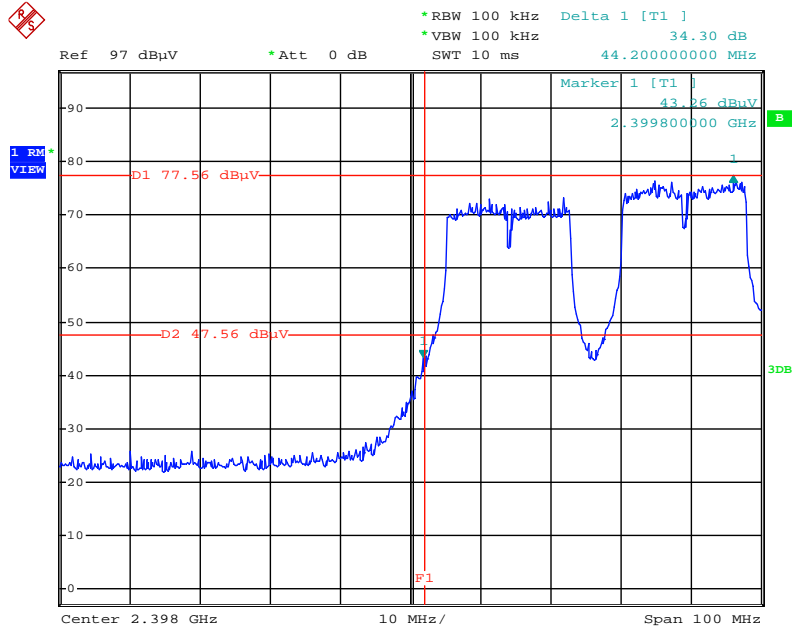
Date: 7.APR.2012 14:36:31

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1+ Chain 2/ 2462 MHz (2TX)



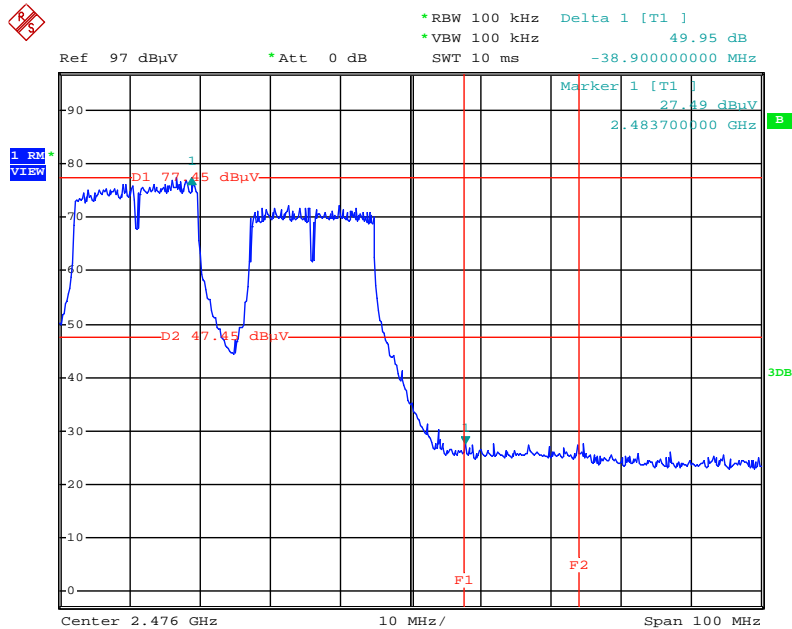
Date: 7.APR.2012 14:38:37

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2/ 2412 MHz (2TX)



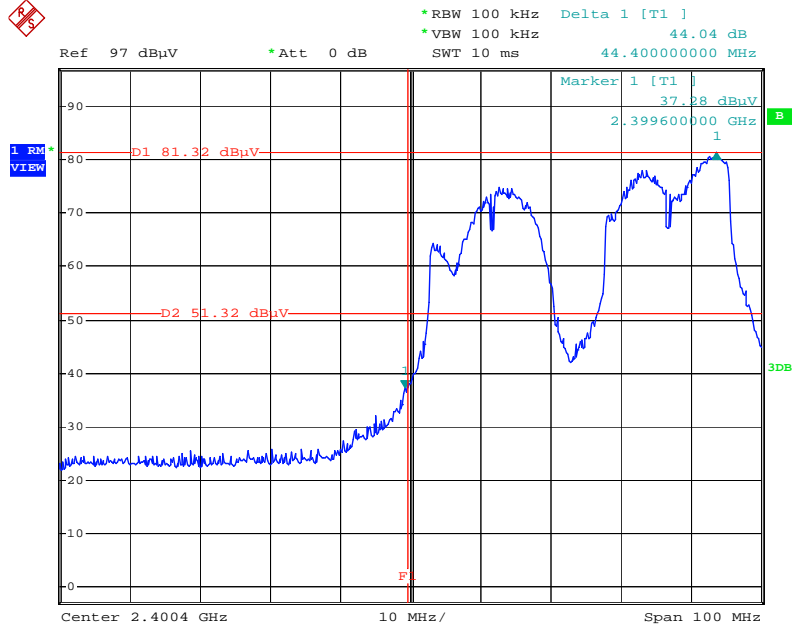
Date: 7.APR.2012 15:00:13

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1+ Chain 2/ 2462 MHz (2TX)



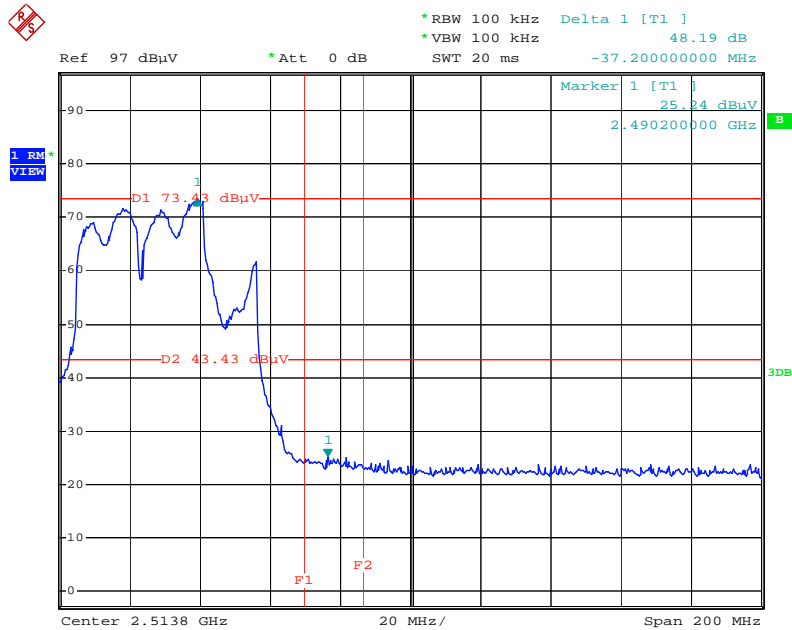
Date: 7.APR.2012 14:59:01

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 + Chain 3 / 2412 MHz (3TX)



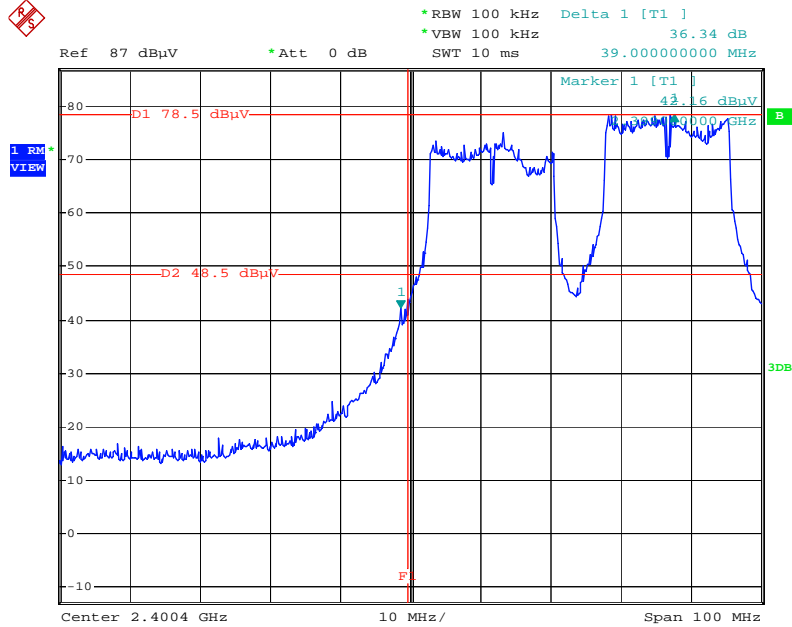
Date: 16.APR.2012 12:43:39

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 + Chain 3 / 2462 MHz (3TX)



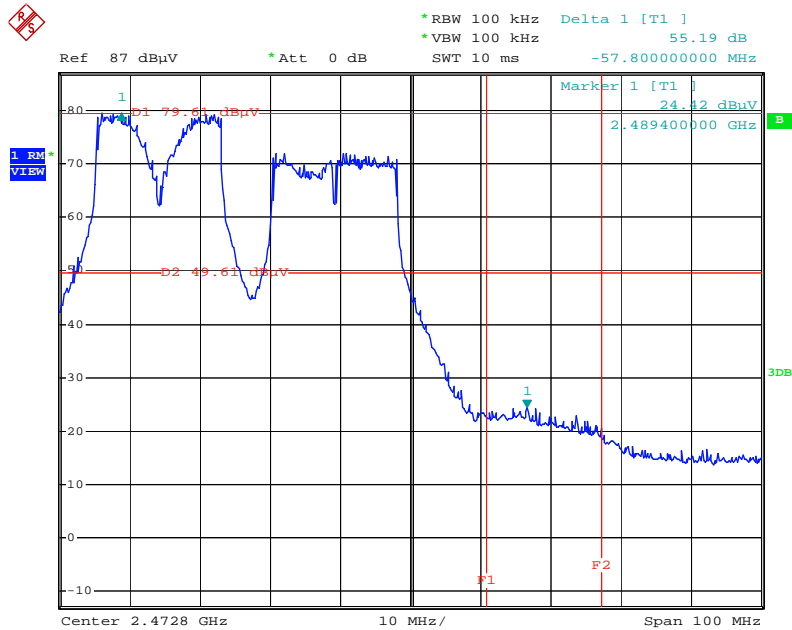
Date: 16.APR.2012 13:32:14

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2 + Chain 3 / 2412 MHz (3TX)



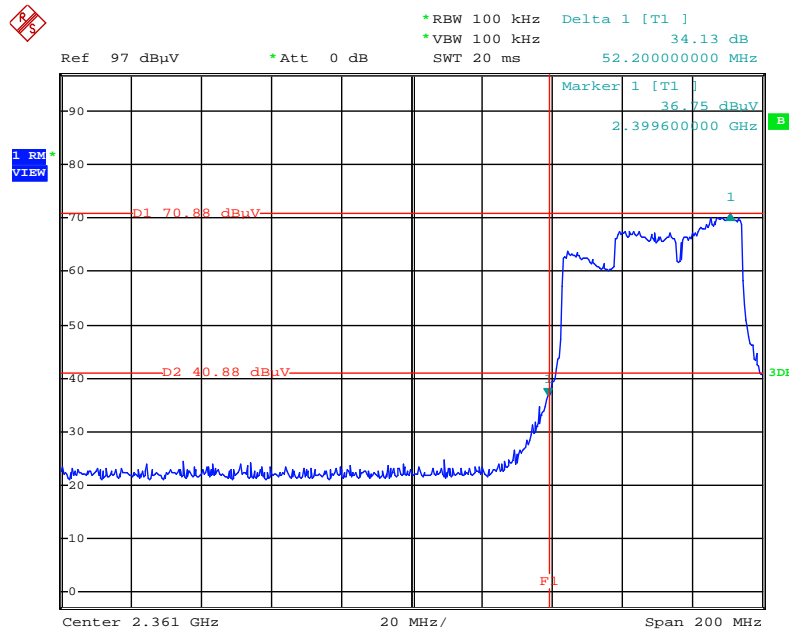
Date: 16.APR.2012 11:02:42

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2 + Chain 3 / 2462 MHz (3TX)



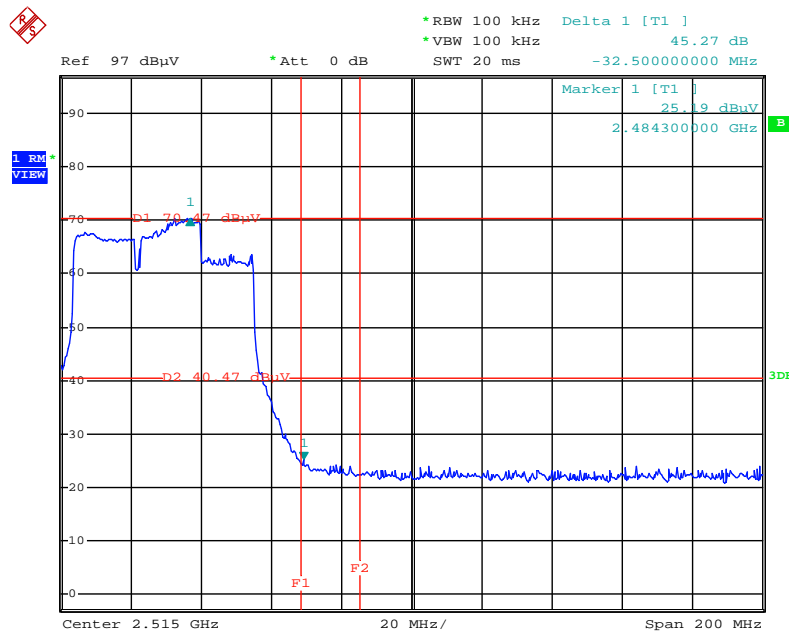
Date: 16.APR.2012 11:00:49

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 / 2422 MHz (1TX)



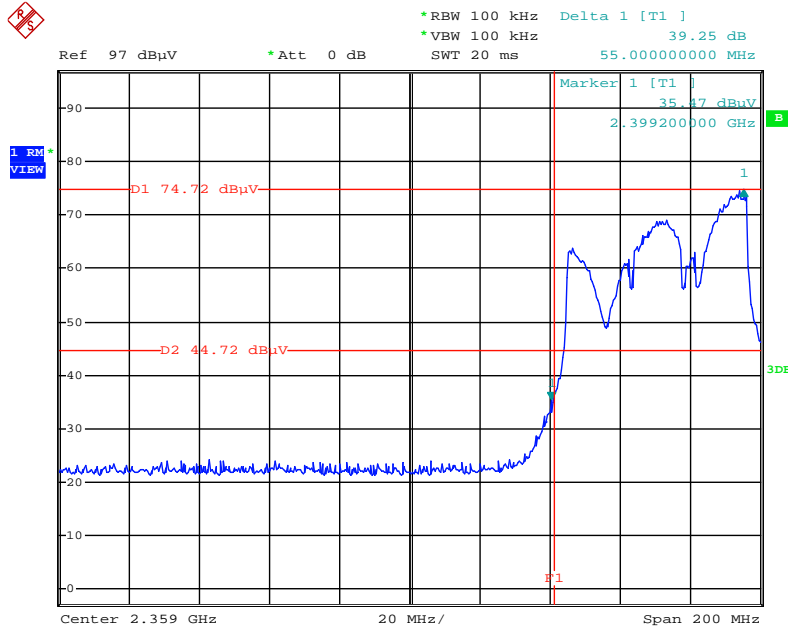
Date: 7.APR.2012 12:26:43

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 / 2452 MHz (1TX)



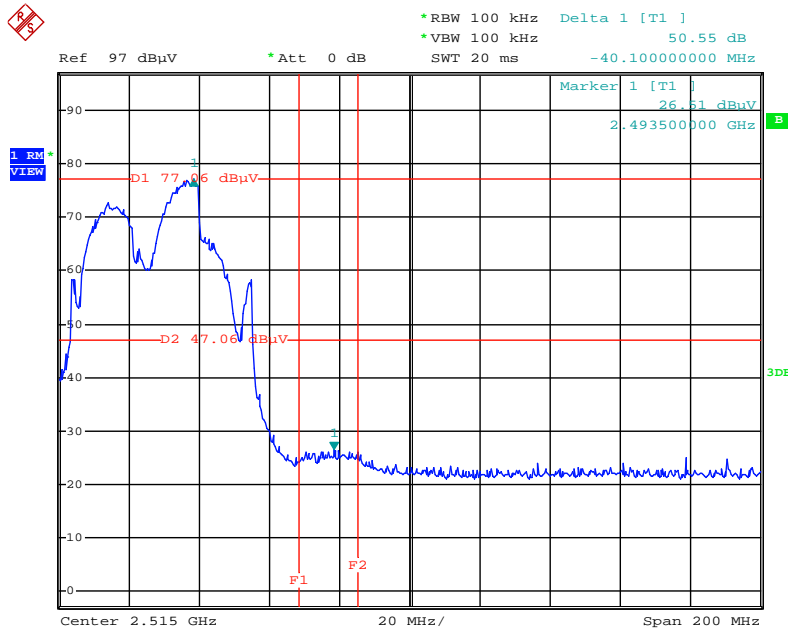
Date: 7.APR.2012 12:28:19

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2/ 2422 MHz (2TX)



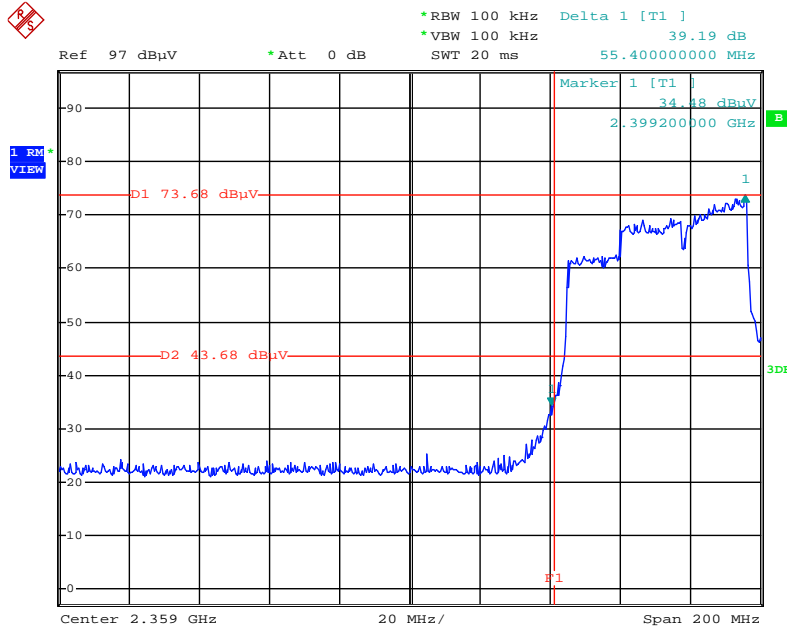
Date: 13.APR.2012 19:02:50

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2/ 2452 MHz (2TX)



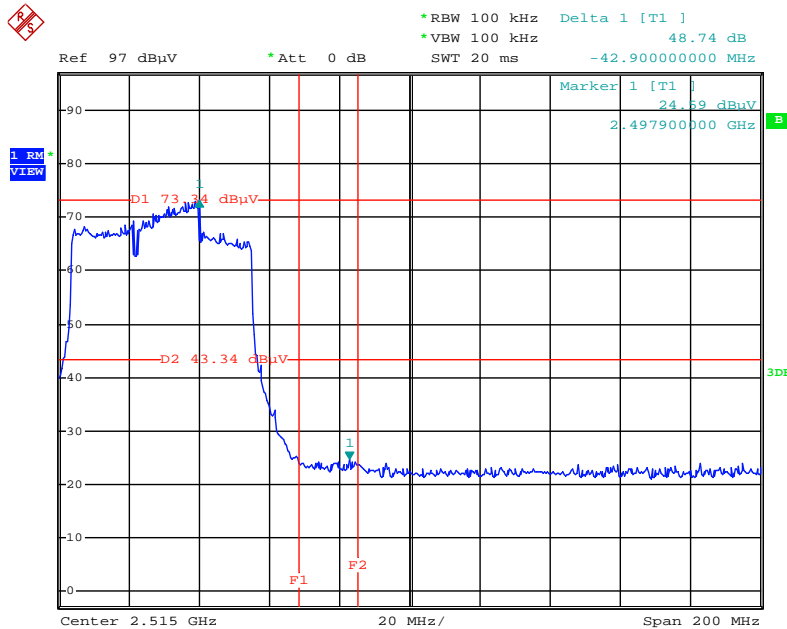
Date: 13.APR.2012 19:04:20

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2/ 2422 MHz (2TX)



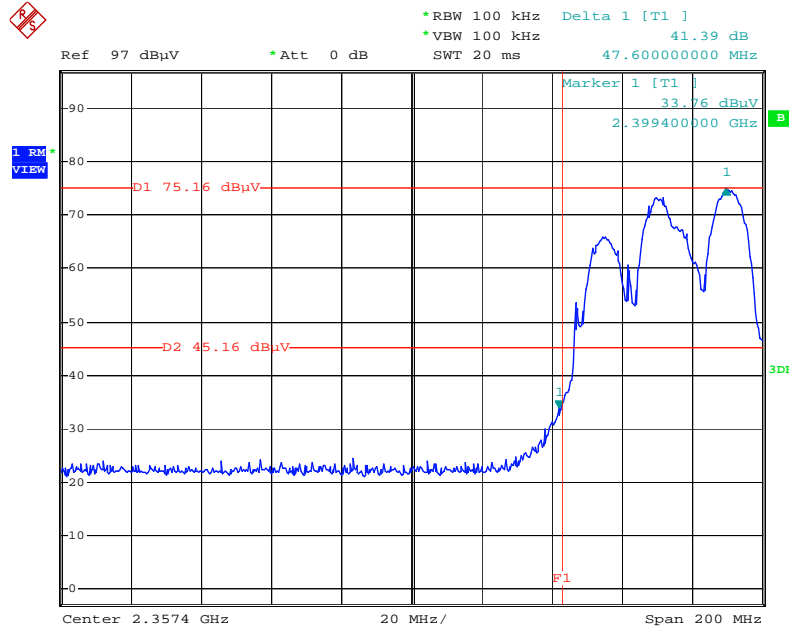
Date: 13.APR.2012 18:59:28

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2/ 2452 MHz (2TX)



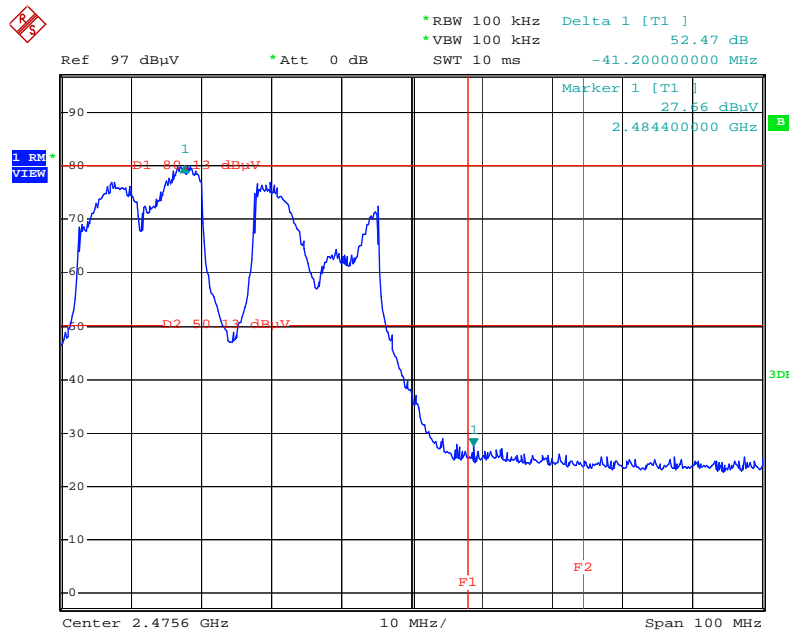
Date: 13.APR.2012 18:57:32

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 + Chain 3 / 2422 MHz (3TX)



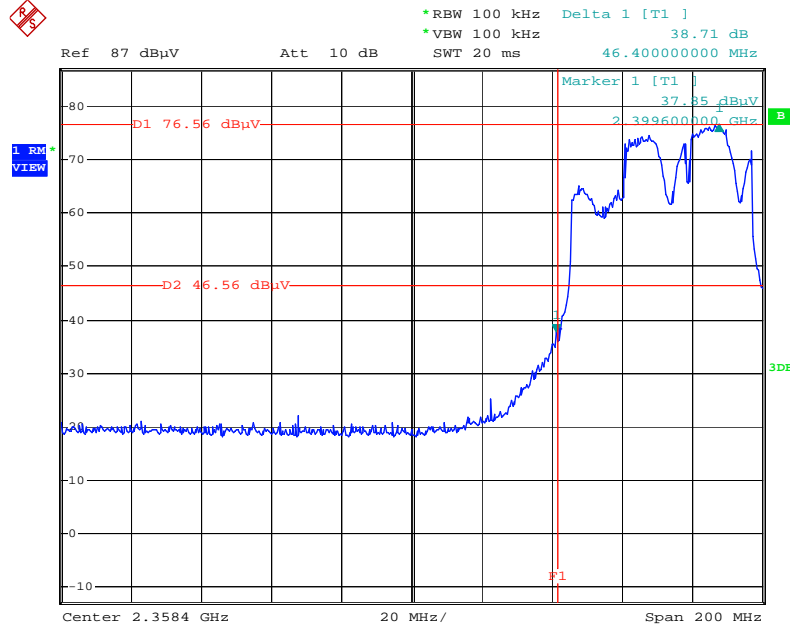
Date: 16.APR.2012 13:23:42

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 + Chain 3 / 2452 MHz (3TX)



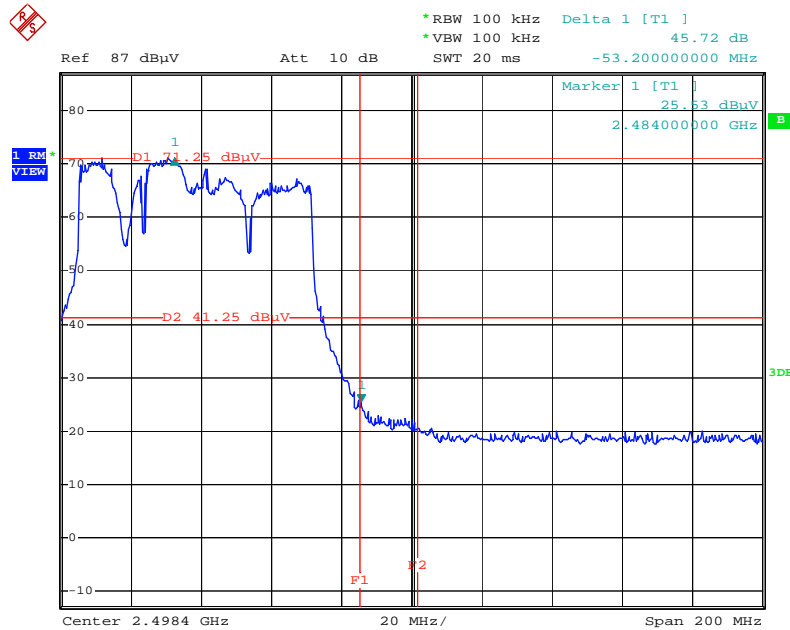
Date: 16.APR.2012 12:46:09

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2 + Chain 3 / 2422 MHz (3TX)



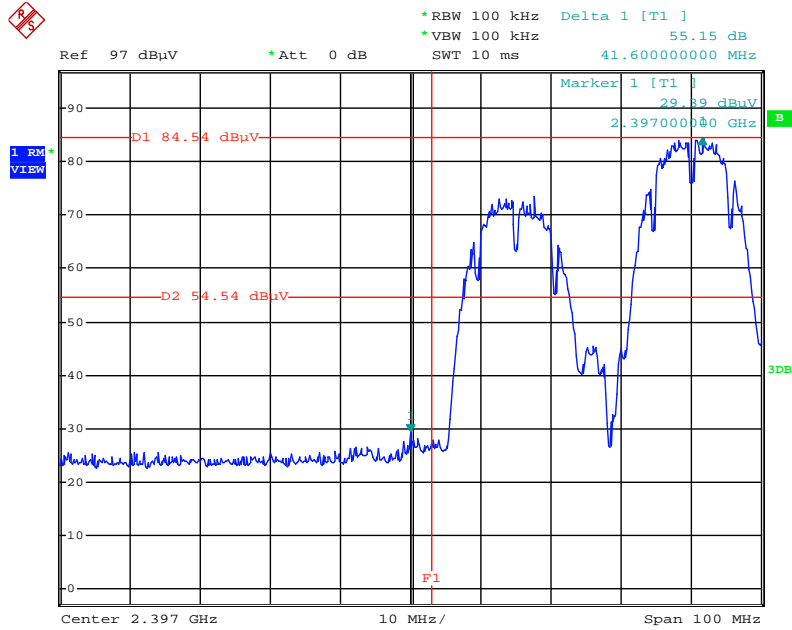
Date: 16.APR.2012 10:54:16

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2 + Chain 3 / 2452 MHz (3TX)



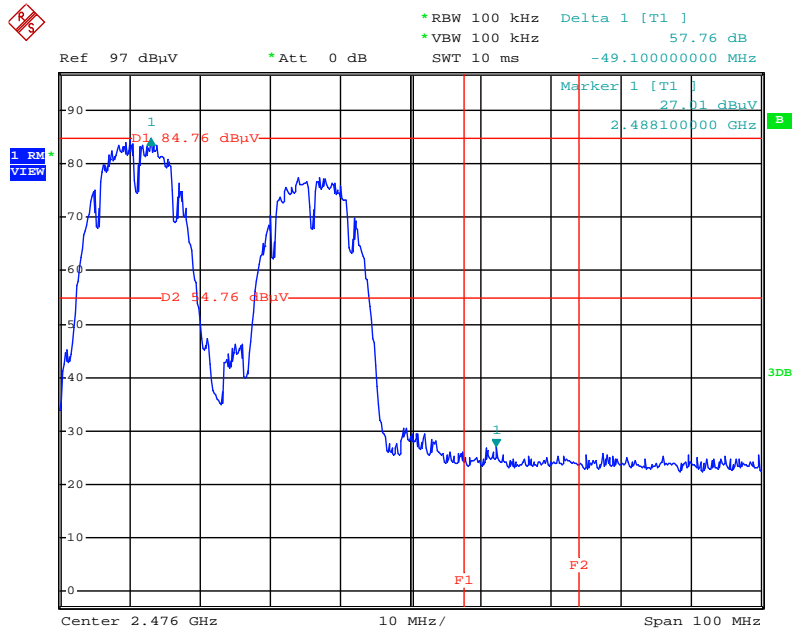
Date: 16.APR.2012 10:56:47

Plot on Configuration IEEE 802.11b / Chain 1 / 2412 MHz (1TX)



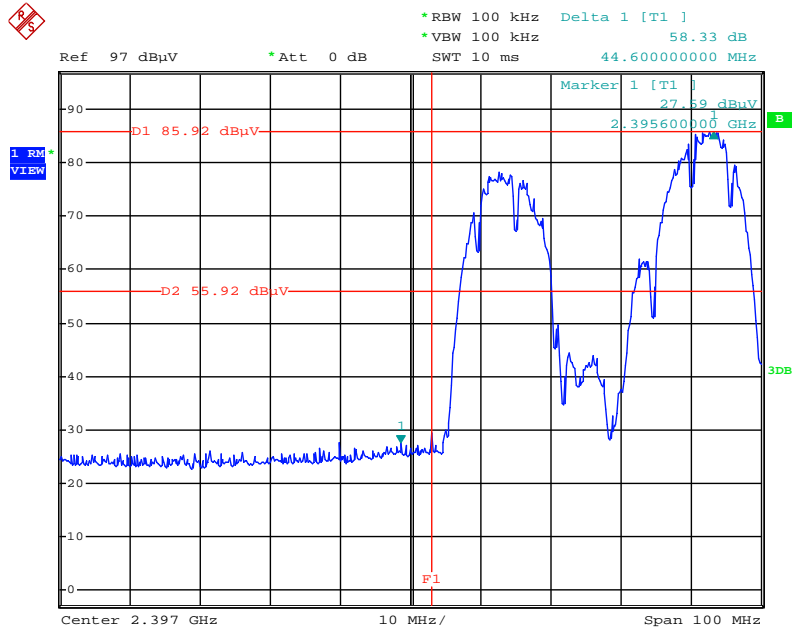
Date: 7.APR.2012 12:07:31

Plot on Configuration IEEE 802.11b / Chain 1 / 2462 MHz (1TX)



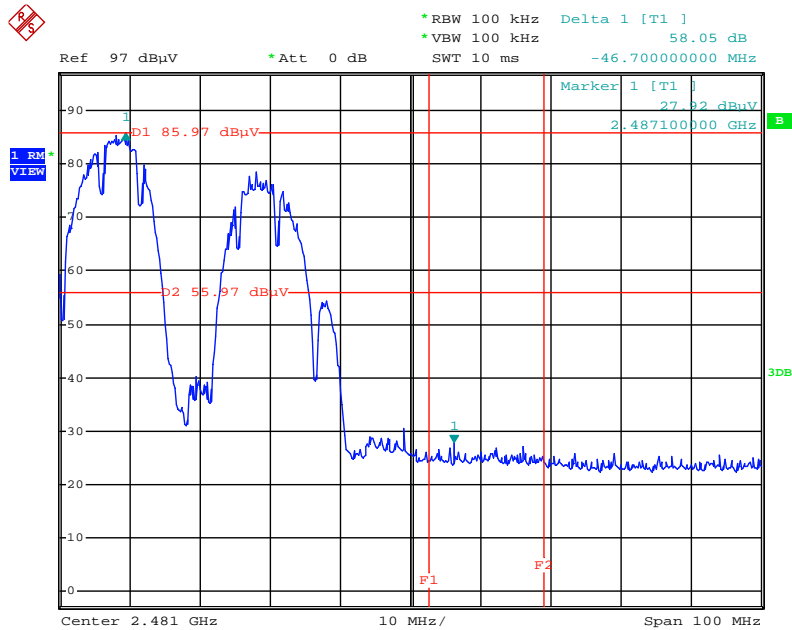
Date: 7.APR.2012 12:05:36

Plot on Configuration IEEE 802.11b / Chain 1 + Chain 2 / 2412 MHz (2TX)



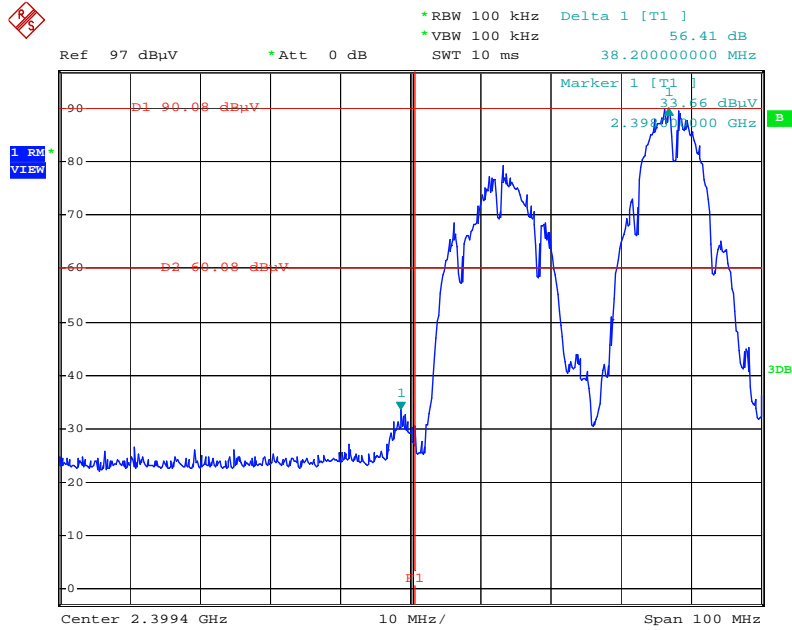
Date: 7.APR.2012 14:03:47

Plot on Configuration IEEE 802.11b / Chain 1 + Chain 2 / 2462 MHz (2TX)



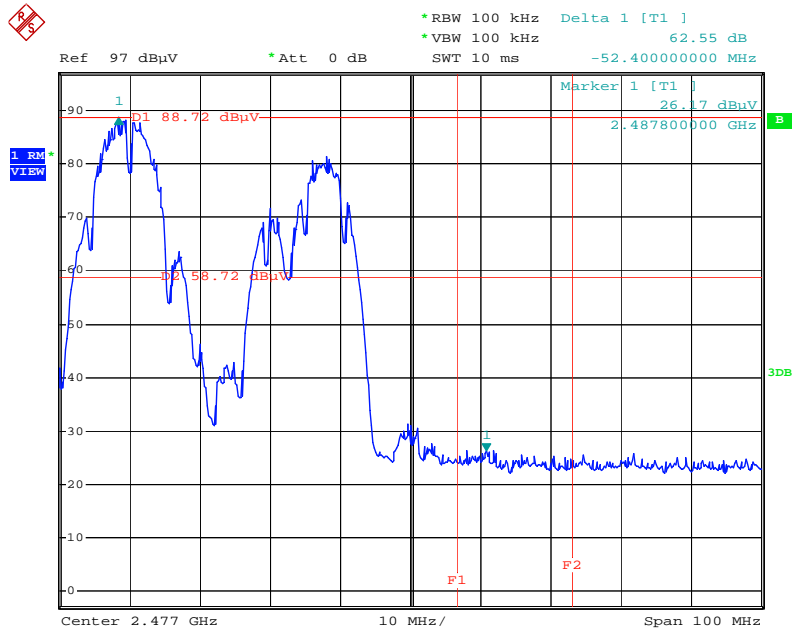
Date: 7.APR.2012 14:05:40

Plot on Configuration IEEE 802.11b / Chain 1 + Chain 2 + Chain 3 / 2412 MHz (3TX)



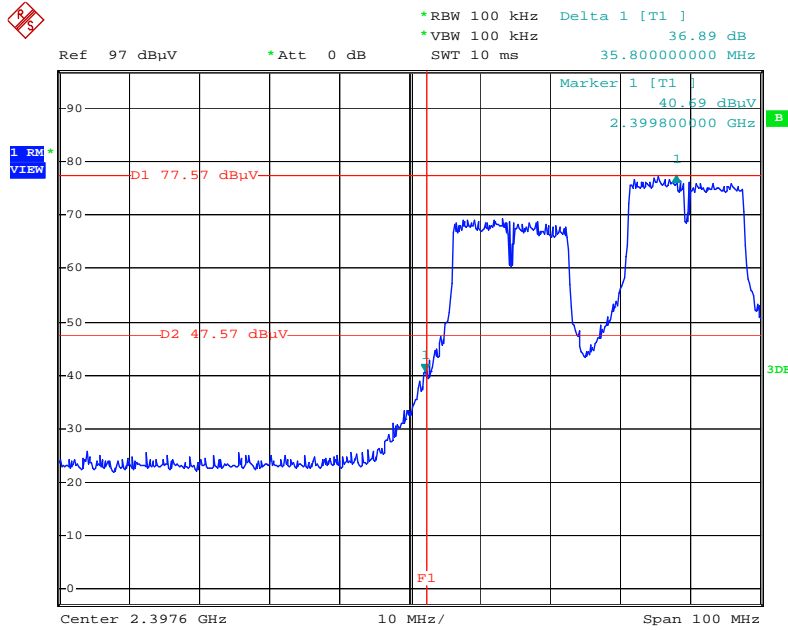
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Plot on Configuration IEEE 802.11b / Chain 1 + Chain 2 + Chain 3 / 2462 MHz (3TX)



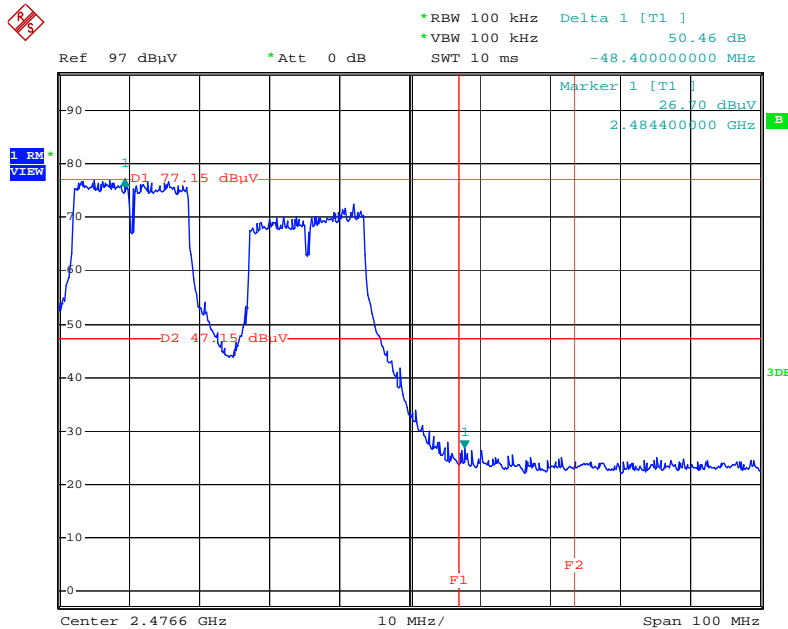
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Plot on Configuration IEEE 802.11g / Chain 1 / 2412 MHz (1TX)



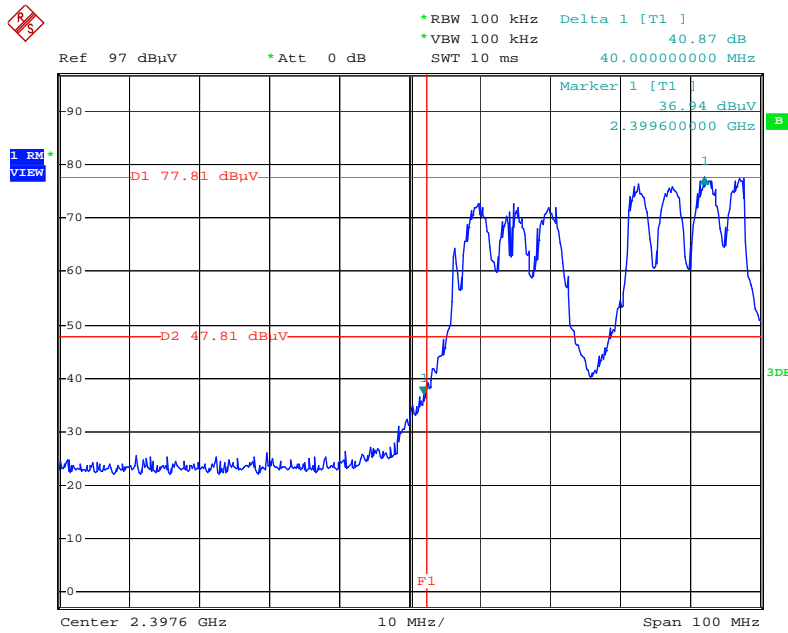
Date: 16.APR.2012 14:02:43

Plot on Configuration IEEE 802.11g / Chain 1 / 2462 MHz (1TX)



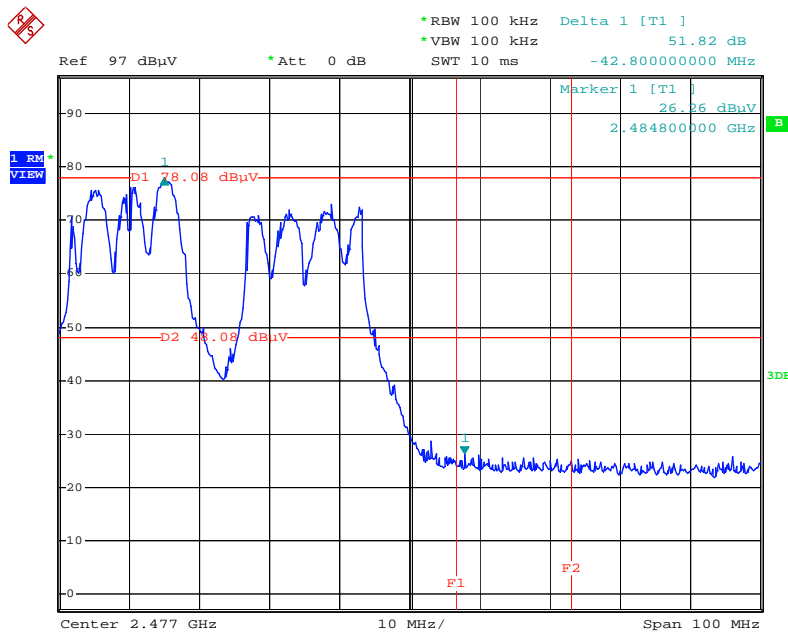
Date: 16.APR.2012 14:03:58

Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2412 MHz (2TX)



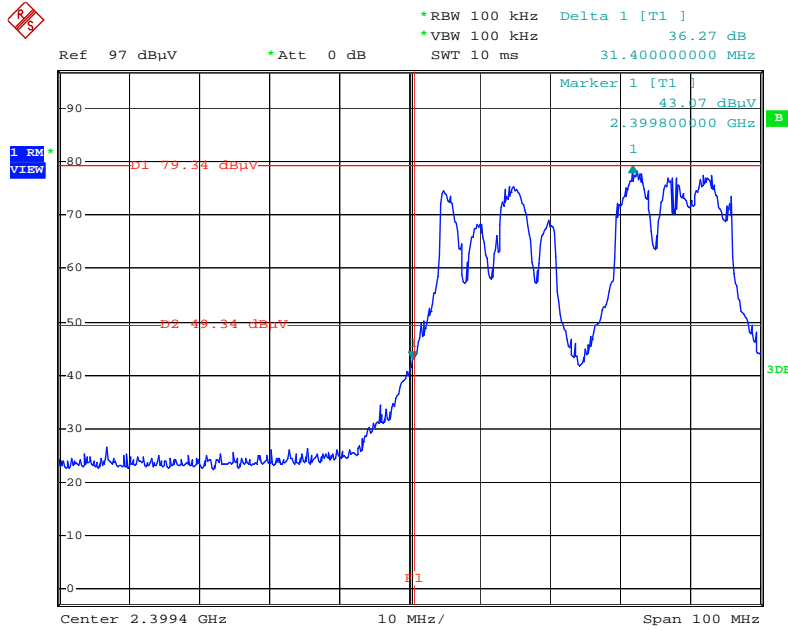
Date: 16.APR.2012 13:59:37

Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 / 2462 MHz (2TX)



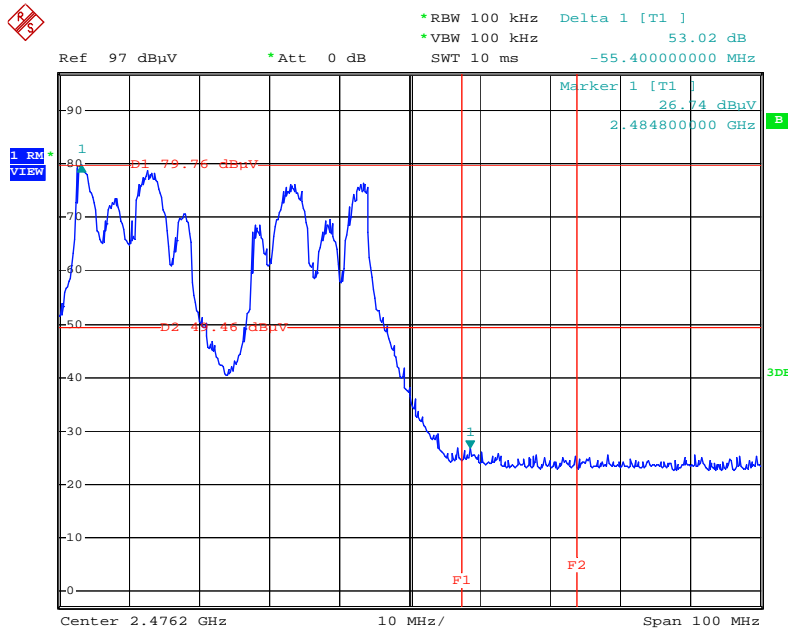
Date: 16.APR.2012 13:58:07

Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 + Chain 3 / 2412 MHz (3TX)



Date: 16.APR.2012 13:49:38

Plot on Configuration IEEE 802.11g / Chain 1 + Chain 2 + Chain 3 / 2462 MHz (3TX)



Date: 16.APR.2012 13:45:24

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (1TX)		

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	52.81	54.00	-1.19	22.42	2.22	28.17	0.00	Average	100	307	HORIZONTAL
2	2390.00	68.54	74.00	-5.46	38.15	2.22	28.17	0.00	Peak	100	307	HORIZONTAL
3	2406.60	109.27				2.22	28.21	0.00	Peak	100	307	HORIZONTAL
4	2409.60	99.07				2.22	28.21	0.00	Average	100	307	HORIZONTAL

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	2388.00	72.61	74.00	-1.39	42.23	2.21	28.17	0.00	Peak	100	306	HORIZONTAL
2	2390.00	52.52	54.00	-1.48	22.13	2.22	28.17	0.00	Average	100	306	HORIZONTAL
3	2440.60	115.57				2.23	28.29	0.00	Peak	100	306	HORIZONTAL
4	2443.00	105.60				2.24	28.29	0.00	Average	100	306	HORIZONTAL
5	2483.50	51.66	54.00	-2.34	21.02	2.26	28.38	0.00	Average	100	306	HORIZONTAL
6	2484.30	70.65	74.00	-3.35	40.01	2.26	28.38	0.00	Peak	100	306	HORIZONTAL

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	2468.60	99.59				2.26	28.38	0.00	Average	156	55	HORIZONTAL
2	2468.80	110.22				2.26	28.38	0.00	Peak	156	55	HORIZONTAL
3	2483.50	52.53	54.00	-1.47	21.89	2.26	28.38	0.00	Average	156	55	HORIZONTAL
4	2484.50	68.39	74.00	-5.61	37.75	2.26	28.38	0.00	Peak	156	55	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (2TX)		

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	2389.40	68.79	74.00	-5.21	38.41	2.21	28.17	0.00	Peak	167	49	HORIZONTAL
2	2390.00	52.87	54.00	-1.13	22.48	2.22	28.17	0.00	Average	167	49	HORIZONTAL
3	2407.20	101.90				2.22	28.21	0.00	Average	167	49	HORIZONTAL
4	2408.20	112.03				2.22	28.21	0.00	Peak	167	49	HORIZONTAL

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	2385.60	70.13	74.00	-3.87	39.75	2.21	28.17	0.00	Peak	159	26	HORIZONTAL
2	2387.60	49.72	54.00	-4.28	19.34	2.21	28.17	0.00	Average	159	26	HORIZONTAL
3	2444.20	118.67				2.24	28.29	0.00	Peak	159	26	HORIZONTAL
4	2444.60	108.75				2.24	28.29	0.00	Average	159	26	HORIZONTAL
5	2485.10	52.80	54.00	-1.20	22.12	2.26	28.42	0.00	Average	159	26	HORIZONTAL
6	2485.50	72.86	74.00	-1.14	42.18	2.26	28.42	0.00	Peak	159	26	HORIZONTAL

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	2457.00	99.98				2.24	28.33	0.00	Average	193	46	HORIZONTAL
2	2458.20	109.97				2.24	28.33	0.00	Peak	193	46	HORIZONTAL
3	2483.50	52.55	54.00	-1.45	21.91	2.26	28.38	0.00	Average	193	46	HORIZONTAL
4	2484.10	70.24	74.00	-3.76	39.60	2.26	28.38	0.00	Peak	193	46	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (2TX)		

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	2389.40	66.60	74.00	-7.40	36.22	2.21	28.17	0.00	Peak	100	359	VERTICAL
2	2390.00	49.64	54.00	-4.36	19.25	2.22	28.17	0.00	Average	100	359	VERTICAL
3	2442.20	105.85				2.24	28.29	0.00	Average	100	359	VERTICAL
4	2442.80	116.40				2.24	28.29	0.00	Peak	100	359	VERTICAL
5	2483.50	52.76	54.00	-1.24	22.13	2.26	28.37	0.00	Average	100	359	VERTICAL
6	2483.70	71.04	74.00	-2.96	40.41	2.26	28.37	0.00	Peak	100	359	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	66.60	74.00	-7.40	36.22	2.21	28.17	0.00	Peak	100	359	VERTICAL
2	2390.00	49.64	54.00	-4.36	19.25	2.22	28.17	0.00	Average	100	359	VERTICAL
3	2442.20	105.85				2.24	28.29	0.00	Average	100	359	VERTICAL
4	2442.80	116.40				2.24	28.29	0.00	Peak	100	359	VERTICAL
5	2483.50	52.76	54.00	-1.24	22.13	2.26	28.37	0.00	Average	100	359	VERTICAL
6	2483.70	71.04	74.00	-2.96	40.41	2.26	28.37	0.00	Peak	100	359	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	2468.20	99.97				2.26	28.37	0.00	Average	100	355	VERTICAL
2	2470.00	111.54				2.26	28.37	0.00	Peak	100	355	VERTICAL
3	2483.50	52.37	54.00	-1.63	21.74	2.26	28.37	0.00	Average	100	355	VERTICAL
4	2484.10	69.74	74.00	-4.26	39.11	2.26	28.37	0.00	Peak	100	355	VERTICAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (3TX)		

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	52.36	54.00	-1.64	21.97	2.22	28.17	0.00	Average	157	304	HORIZONTAL
2	2390.00	66.90	74.00	-7.10	36.51	2.22	28.17	0.00	Peak	157	304	HORIZONTAL
3	2409.20	101.80				2.22	28.21	0.00	Average	157	304	HORIZONTAL
4	2409.60	111.87				2.22	28.21	0.00	Peak	157	304	HORIZONTAL

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	2389.80	64.42	74.00	-9.58	34.03	2.22	28.17	0.00	Peak	183	317	HORIZONTAL
2	2390.00	48.53	54.00	-5.47	18.14	2.22	28.17	0.00	Average	183	317	HORIZONTAL
3	2443.20	108.45				2.24	28.29	0.00	Average	183	317	HORIZONTAL
4	2443.80	117.99				2.24	28.29	0.00	Peak	183	317	HORIZONTAL
5	2483.50	51.95	54.00	-2.05	21.31	2.26	28.38	0.00	Average	183	317	HORIZONTAL
6	2483.50	71.63	74.00	-2.37	40.99	2.26	28.38	0.00	Peak	183	317	HORIZONTAL

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	2466.40	104.43				2.26	28.33	0.00	Average	187	304	HORIZONTAL
2	2467.00	114.03				2.26	28.33	0.00	Peak	187	304	HORIZONTAL
3	2484.50	52.62	54.00	-1.38	21.98	2.26	28.38	0.00	Average	187	304	HORIZONTAL
4	2484.70	71.52	74.00	-2.48	40.88	2.26	28.38	0.00	Peak	187	304	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 20MHz Ch 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (3TX)		

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	2389.80	67.13	74.00	-6.87	36.74	2.22	28.17	0.00	Peak	100	47	HORIZONTAL
2	2390.00	52.34	54.00	-1.66	21.95	2.22	28.17	0.00	Average	100	47	HORIZONTAL
3	2408.40	113.67				2.22	28.21	0.00	Peak	100	47	HORIZONTAL
4	2409.20	101.26				2.22	28.21	0.00	Average	100	47	HORIZONTAL

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	50.71	54.00	-3.29	20.32	2.22	28.17	0.00	Average	153	32	HORIZONTAL
2	2390.00	66.56	74.00	-7.44	36.17	2.22	28.17	0.00	Peak	153	32	HORIZONTAL
3	2442.00	108.34				2.24	28.29	0.00	Average	153	32	HORIZONTAL
4	2442.40	118.84				2.24	28.29	0.00	Peak	153	32	HORIZONTAL
5	2483.50	52.95	54.00	-1.05	22.31	2.26	28.38	0.00	Average	153	32	HORIZONTAL
6	2484.10	72.89	74.00	-1.11	42.25	2.26	28.38	0.00	Peak	153	32	HORIZONTAL

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	2455.20	114.85				2.24	28.33	0.00	Peak	195	57	HORIZONTAL
2	2467.80	103.48				2.26	28.33	0.00	Average	195	57	HORIZONTAL
3	2483.50	52.91	54.00	-1.09	22.27	2.26	28.38	0.00	Average	195	57	HORIZONTAL
4	2484.10	70.77	74.00	-3.23	40.13	2.26	28.38	0.00	Peak	195	57	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (1TX)		

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	52.91	54.00	-1.09	22.52	2.22	28.17	0.00	Average	100	307	HORIZONTAL
2	2390.00	68.78	74.00	-5.22	38.39	2.22	28.17	0.00	Peak	100	307	HORIZONTAL
3	2408.80	93.43				2.22	28.21	0.00	Average	100	307	HORIZONTAL
4	2409.20	103.31				2.22	28.21	0.00	Peak	100	307	HORIZONTAL

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	2390.00	52.16	54.00	-1.84	21.77	2.22	28.17	0.00	Average	155	28	HORIZONTAL
2	2390.00	70.55	74.00	-3.45	40.16	2.22	28.17	0.00	Peak	155	28	HORIZONTAL
3	2451.40	98.95				2.24	28.33	0.00	Average	155	28	HORIZONTAL
4	2451.40	108.74				2.24	28.33	0.00	Peak	155	28	HORIZONTAL
5	2483.50	52.59	54.00	-1.41	21.95	2.26	28.38	0.00	Average	155	28	HORIZONTAL
6	2488.30	71.75	74.00	-2.25	41.07	2.26	28.42	0.00	Peak	155	28	HORIZONTAL

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	2468.40	105.11				2.26	28.38	0.00	Peak	157	55	HORIZONTAL
2	2469.60	95.00				2.26	28.38	0.00	Average	157	55	HORIZONTAL
3	2483.50	52.44	54.00	-1.56	21.80	2.26	28.38	0.00	Average	157	55	HORIZONTAL
4	2483.50	69.49	74.00	-4.51	38.85	2.26	28.38	0.00	Peak	157	55	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (2TX)		

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	52.62	54.00	-1.38	22.23	2.22	28.17	0.00	Average	163	30	HORIZONTAL
2	2390.00	68.77	74.00	-5.23	38.38	2.22	28.17	0.00	Peak	163	30	HORIZONTAL
3	2432.80	97.14				2.23	28.25	0.00	Average	163	30	HORIZONTAL
4	2433.20	106.94				2.23	28.25	0.00	Peak	163	30	HORIZONTAL

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	65.89	74.00	-8.11	35.51	2.21	28.17	0.00	Peak	100	360	VERTICAL
2	2390.00	48.09	54.00	-5.91	17.70	2.22	28.17	0.00	Average	100	360	VERTICAL
3	2440.20	100.14				2.23	28.29	0.00	Average	100	360	VERTICAL
4	2442.20	110.45				2.24	28.29	0.00	Peak	100	360	VERTICAL
5	2483.50	52.76	54.00	-1.24	22.13	2.26	28.37	0.00	Average	100	360	VERTICAL
6	2484.70	72.69	74.00	-1.31	42.06	2.26	28.37	0.00	Peak	100	360	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	2463.60	97.27				2.24	28.33	0.00	Average	197	63	HORIZONTAL
2	2465.20	108.54				2.24	28.33	0.00	Peak	197	63	HORIZONTAL
3	2483.50	53.00	54.00	-1.00	22.36	2.26	28.38	0.00	Average	197	63	HORIZONTAL
4	2483.50	71.38	74.00	-2.62	40.74	2.26	28.38	0.00	Peak	197	63	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (2TX)		

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	52.21	54.00	-1.79	21.82	2.22	28.17	0.00	Average	100	40	HORIZONTAL
2	2390.00	66.51	74.00	-7.49	36.12	2.22	28.17	0.00	Peak	100	40	HORIZONTAL
3	2408.80	105.80				2.22	28.21	0.00	Peak	100	40	HORIZONTAL
4	2438.40	94.98				2.23	28.29	0.00	Average	100	40	HORIZONTAL

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	2390.00	52.76	54.00	-1.24	22.37	2.22	28.17	0.00	Average	163	29	HORIZONTAL
2	2390.00	67.58	74.00	-6.42	37.19	2.22	28.17	0.00	Peak	163	29	HORIZONTAL
3	2441.80	98.66				2.24	28.29	0.00	Average	163	29	HORIZONTAL
4	2453.40	110.07				2.24	28.33	0.00	Peak	163	29	HORIZONTAL
5	2483.50	51.35	54.00	-2.65	20.71	2.26	28.38	0.00	Average	163	29	HORIZONTAL
6	2483.50	67.40	74.00	-6.60	36.76	2.26	28.38	0.00	Peak	163	29	HORIZONTAL

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	2467.60	107.01				2.26	28.33	0.00	Peak	157	55	HORIZONTAL
2	2469.20	95.67				2.26	28.38	0.00	Average	157	55	HORIZONTAL
3	2483.50	52.73	54.00	-1.27	22.09	2.26	28.38	0.00	Average	157	55	HORIZONTAL
4	2483.50	69.73	74.00	-4.27	39.09	2.26	28.38	0.00	Peak	157	55	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS0 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (3TX)		

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	52.96	54.00	-1.04	22.57	2.22	28.17	0.00	Average	156	312	HORIZONTAL
2	2390.00	67.13	74.00	-6.87	36.74	2.22	28.17	0.00	Peak	156	312	HORIZONTAL
3	2407.60	108.69				2.22	28.21	0.00	Peak	156	312	HORIZONTAL
4	2408.00	98.48				2.22	28.21	0.00	Average	156	312	HORIZONTAL

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	52.23	54.00	-1.77	21.85	2.21	28.17	0.00	Average	188	317	HORIZONTAL
2	2390.00	69.68	74.00	-4.32	39.29	2.22	28.17	0.00	Peak	188	317	HORIZONTAL
3	2447.80	112.81				2.24	28.29	0.00	Peak	188	317	HORIZONTAL
4	2448.60	103.38				2.24	28.29	0.00	Average	188	317	HORIZONTAL
5	2489.10	51.20	54.00	-2.80	20.52	2.26	28.42	0.00	Average	188	317	HORIZONTAL
6	2489.90	65.57	74.00	-8.43	34.89	2.26	28.42	0.00	Peak	188	317	HORIZONTAL

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	2453.60	96.89				2.24	28.33	0.00	Average	184	284	HORIZONTAL
2	2454.00	106.49				2.24	28.33	0.00	Peak	184	284	HORIZONTAL
3	2483.50	52.27	54.00	-1.73	21.63	2.26	28.38	0.00	Average	184	284	HORIZONTAL
4	2483.50	70.13	74.00	-3.87	39.49	2.26	28.38	0.00	Peak	184	284	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11n MCS8 40MHz Ch 3, 6, 9 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (3TX)		

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	2390.00	52.98	54.00	-1.02	22.59	2.22	28.17	0.00	Average	151	309	HORIZONTAL
2	2390.00	67.04	74.00	-6.96	36.65	2.22	28.17	0.00	Peak	151	309	HORIZONTAL
3	2409.20	97.20				2.22	28.21	0.00	Average	151	309	HORIZONTAL
4	2435.60	108.14				2.23	28.29	0.00	Peak	151	309	HORIZONTAL

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	2389.60	66.90	74.00	-7.10	36.52	2.21	28.17	0.00	Peak	204	44	HORIZONTAL
2	2390.00	52.52	54.00	-1.48	22.13	2.22	28.17	0.00	Average	204	44	HORIZONTAL
3	2452.20	113.15				2.24	28.33	0.00	Peak	204	44	HORIZONTAL
4	2452.60	101.40				2.24	28.33	0.00	Average	204	44	HORIZONTAL
5	2483.50	50.15	54.00	-3.85	19.51	2.26	28.38	0.00	Average	204	44	HORIZONTAL
6	2483.50	60.88	74.00	-13.12	30.24	2.26	28.38	0.00	Peak	204	44	HORIZONTAL

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	2467.20	109.17				2.26	28.33	0.00	Peak	218	296	HORIZONTAL
2	2468.00	98.40				2.26	28.33	0.00	Average	218	296	HORIZONTAL
3	2483.50	52.71	54.00	-1.29	22.07	2.26	28.38	0.00	Average	218	296	HORIZONTAL
4	2483.50	72.24	74.00	-1.76	41.60	2.26	28.38	0.00	Peak	218	296	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	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (1TX)		

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	2386.00	52.91	54.00	-1.09	22.53	2.21	28.17	0.00	Average	156	307	HORIZONTAL
2	2387.20	60.05	74.00	-13.95	29.67	2.21	28.17	0.00	Peak	156	307	HORIZONTAL
3	2410.40	107.70				2.22	28.21	0.00	Average	156	307	HORIZONTAL
4	2411.20	111.45				2.22	28.21	0.00	Peak	156	307	HORIZONTAL
5	2498.70	52.53	54.00	-1.47	21.84	2.27	28.42	0.00	Average	156	307	HORIZONTAL
6	2500.70	60.58	74.00	-13.42	29.89	2.27	28.42	0.00	Peak	156	307	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	2388.80	52.91	54.00	-1.09	22.53	2.21	28.17	0.00	Average	160	58	HORIZONTAL
2	2388.80	60.20	74.00	-13.80	29.82	2.21	28.17	0.00	Peak	160	58	HORIZONTAL
3	2438.20	117.63				2.23	28.29	0.00	Peak	160	58	HORIZONTAL
4	2438.60	113.94				2.23	28.29	0.00	Average	160	58	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	2463.20	109.96				2.24	28.33	0.00	Peak	153	303	HORIZONTAL
2	2463.60	106.16				2.24	28.33	0.00	Average	153	303	HORIZONTAL
3	2487.50	52.57	54.00	-1.43	21.89	2.26	28.42	0.00	Average	153	303	HORIZONTAL
4	2487.90	61.17	74.00	-12.83	30.49	2.26	28.42	0.00	Peak	153	303	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 + Chain 2
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (2TX)		

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	2386.00	52.13	54.00	-1.87	21.75	2.21	28.17	0.00	Average	190	292	HORIZONTAL
2	2386.40	60.48	74.00	-13.52	30.10	2.21	28.17	0.00	Peak	190	292	HORIZONTAL
3	2410.40	109.47				2.22	28.21	0.00	Average	190	292	HORIZONTAL
4	2411.20	113.04				2.22	28.21	0.00	Peak	190	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	2387.20	60.50	74.00	-13.50	30.12	2.21	28.17	0.00	Peak	159	30	HORIZONTAL
2	2388.80	52.05	54.00	-1.95	21.67	2.21	28.17	0.00	Average	159	30	HORIZONTAL
3	2440.60	111.21				2.23	28.29	0.00	Average	159	30	HORIZONTAL
4	2441.00	114.89				2.24	28.29	0.00	Peak	159	30	HORIZONTAL
5	2491.50	50.12	54.00	-3.88	19.44	2.26	28.42	0.00	Average	159	30	HORIZONTAL
6	2491.50	61.59	74.00	-12.41	30.91	2.26	28.42	0.00	Peak	159	30	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	2463.20	111.84				2.24	28.33	0.00	Peak	161	54	HORIZONTAL
2	2463.60	107.94				2.24	28.33	0.00	Average	161	54	HORIZONTAL
3	2483.50	52.13	54.00	-1.87	21.49	2.26	28.38	0.00	Average	161	54	HORIZONTAL
4	2487.90	61.28	74.00	-12.72	30.60	2.26	28.42	0.00	Peak	161	54	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11b CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Mode	Mode 2 (Ant. 2 Patch antenna / 3dBi) (3TX)		

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	2386.00	52.22	54.00	-1.78	21.84	2.21	28.17	0.00	Average	128	317	HORIZONTAL
2	2386.00	59.97	74.00	-14.03	29.59	2.21	28.17	0.00	Peak	128	317	HORIZONTAL
3	2408.00	109.84				2.22	28.21	0.00	Peak	128	317	HORIZONTAL
4	2408.40	106.19				2.22	28.21	0.00	Average	128	317	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	50.47	54.00	-3.53	20.08	2.22	28.17	0.00	Average	154	307	HORIZONTAL
2	2390.00	60.65	74.00	-13.35	30.26	2.22	28.17	0.00	Peak	154	307	HORIZONTAL
3	2434.60	119.27				2.23	28.29	0.00	Peak	154	307	HORIZONTAL
4	2435.40	115.68				2.23	28.29	0.00	Average	154	307	HORIZONTAL
5	2484.70	48.16	54.00	-5.84	17.52	2.26	28.38	0.00	Average	154	307	HORIZONTAL
6	2488.30	60.64	74.00	-13.36	29.96	2.26	28.42	0.00	Peak	154	307	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	2464.80	110.01				2.24	28.33	0.00	Peak	188	319	HORIZONTAL
2	2465.20	106.32				2.24	28.33	0.00	Average	188	319	HORIZONTAL
3	2487.90	52.08	54.00	-1.92	21.40	2.26	28.42	0.00	Average	188	319	HORIZONTAL
4	2488.30	60.89	74.00	-13.11	30.21	2.26	28.42	0.00	Peak	188	319	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1
Test Moe	Mode 2 (Ant. 2 Patch antenna / 3dBi) (1TX)		

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	52.12	54.00	-1.88	21.73	2.22	28.17	0.00	Average	100	308	HORIZONTAL
2	2390.00	67.80	74.00	-6.20	37.41	2.22	28.17	0.00	Peak	100	308	HORIZONTAL
3	2406.60	110.14				2.22	28.21	0.00	Peak	100	308	HORIZONTAL
4	2407.80	100.09				2.22	28.21	0.00	Average	100	308	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	2388.00	72.47	74.00	-1.53	42.09	2.21	28.17	0.00	Peak	100	55	HORIZONTAL
2	2390.00	52.34	54.00	-1.66	21.95	2.22	28.17	0.00	Average	100	55	HORIZONTAL
3	2441.80	106.33				2.24	28.29	0.00	Average	100	55	HORIZONTAL
4	2443.20	117.05				2.24	28.29	0.00	Peak	100	55	HORIZONTAL
5	2483.50	52.70	54.00	-1.30	22.06	2.26	28.38	0.00	Average	100	55	HORIZONTAL
6	2484.70	72.83	74.00	-1.17	42.19	2.26	28.38	0.00	Peak	100	55	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	2468.40	111.23				2.26	28.38	0.00	Peak	100	306	HORIZONTAL
2	2469.20	101.36				2.26	28.38	0.00	Average	100	306	HORIZONTAL
3	2483.50	52.38	54.00	-1.62	21.74	2.26	28.38	0.00	Average	100	306	HORIZONTAL
4	2484.70	69.70	74.00	-4.30	39.06	2.26	28.38	0.00	Peak	100	306	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2
Test Moe	Mode 2 (Ant. 2 Patch antenna / 3dBi) (2TX)		

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	52.25	54.00	-1.75	21.86	2.22	28.17	0.00	Average	153	316	HORIZONTAL
2	2390.00	68.63	74.00	-5.37	38.24	2.22	28.17	0.00	Peak	153	316	HORIZONTAL
3	2404.60	113.31				2.22	28.21	0.00	Peak	153	316	HORIZONTAL
4	2409.80	103.41				2.22	28.21	0.00	Average	153	316	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	2388.80	70.60	74.00	-3.40	40.22	2.21	28.17	0.00	Peak	162	32	HORIZONTAL
2	2389.60	50.33	54.00	-3.67	19.95	2.21	28.17	0.00	Average	162	32	HORIZONTAL
3	2439.60	119.16				2.23	28.29	0.00	Peak	162	32	HORIZONTAL
4	2440.00	109.29				2.23	28.29	0.00	Average	162	32	HORIZONTAL
5	2484.50	71.79	74.00	-2.21	41.15	2.26	28.38	0.00	Peak	162	32	HORIZONTAL
6	2484.70	51.32	54.00	-2.68	20.68	2.26	28.38	0.00	Average	162	32	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	2467.20	114.05				2.26	28.33	0.00	Peak	161	31	HORIZONTAL
2	2467.40	104.18				2.26	28.33	0.00	Average	161	31	HORIZONTAL
3	2483.50	52.32	54.00	-1.68	21.68	2.26	28.38	0.00	Average	161	31	HORIZONTAL
4	2483.50	69.14	74.00	-4.86	38.50	2.26	28.38	0.00	Peak	161	31	HORIZONTAL

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

Temperature	25°C	Humidity	65%
Test Engineer	Serway Lee	Configurations	IEEE 802.11g CH 1, 6, 11 / Chain 1 + Chain 2 + Chain 3
Test Moe	Mode 2 (Ant. 2 Patch antenna / 3dBi) (3TX)		

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	52.52	54.00	-1.48	22.13	2.22	28.17	0.00	Average	154	310	HORIZONTAL
2	2390.00	66.32	74.00	-7.68	35.93	2.22	28.17	0.00	Peak	154	310	HORIZONTAL
3	2410.40	105.23				2.22	28.21	0.00	Average	154	310	HORIZONTAL
4	2410.80	115.13				2.22	28.21	0.00	Peak	154	310	HORIZONTAL

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	2386.80	63.58	74.00	-10.42	33.20	2.21	28.17	0.00	Peak	153	32	HORIZONTAL
2	2390.00	49.12	54.00	-4.88	18.73	2.22	28.17	0.00	Average	153	32	HORIZONTAL
3	2442.60	110.69				2.24	28.29	0.00	Average	153	32	HORIZONTAL
4	2443.00	120.39				2.24	28.29	0.00	Peak	153	32	HORIZONTAL
5	2483.50	52.32	54.00	-1.68	21.68	2.26	28.38	0.00	Average	153	32	HORIZONTAL
6	2483.50	70.61	74.00	-3.39	39.97	2.26	28.38	0.00	Peak	153	32	HORIZONTAL

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

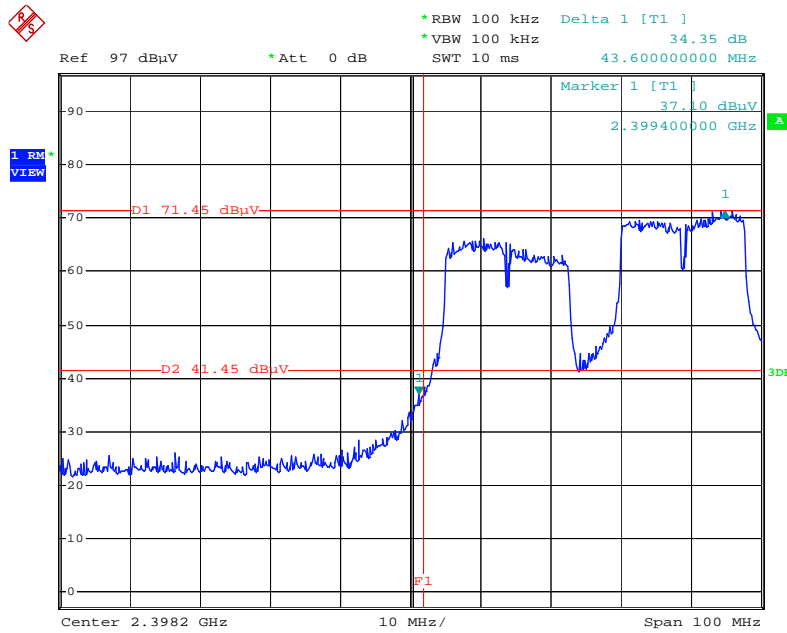
Channel 11

	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	2462.80	103.29				2.24	28.33	0.00	Average	209	299	HORIZONTAL
2	2463.60	112.86				2.24	28.33	0.00	Peak	209	299	HORIZONTAL
3	2483.50	52.18	54.00	-1.82	21.54	2.26	28.38	0.00	Average	209	299	HORIZONTAL
4	2483.50	64.92	74.00	-9.08	34.28	2.26	28.38	0.00	Peak	209	299	HORIZONTAL

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

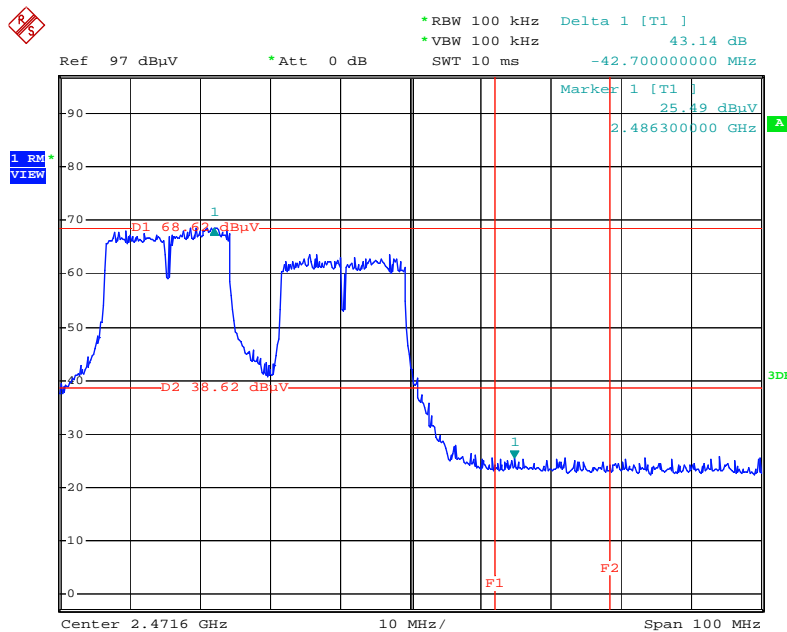
For Emission not in Restricted Band

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 / 2412 MHz (1TX)



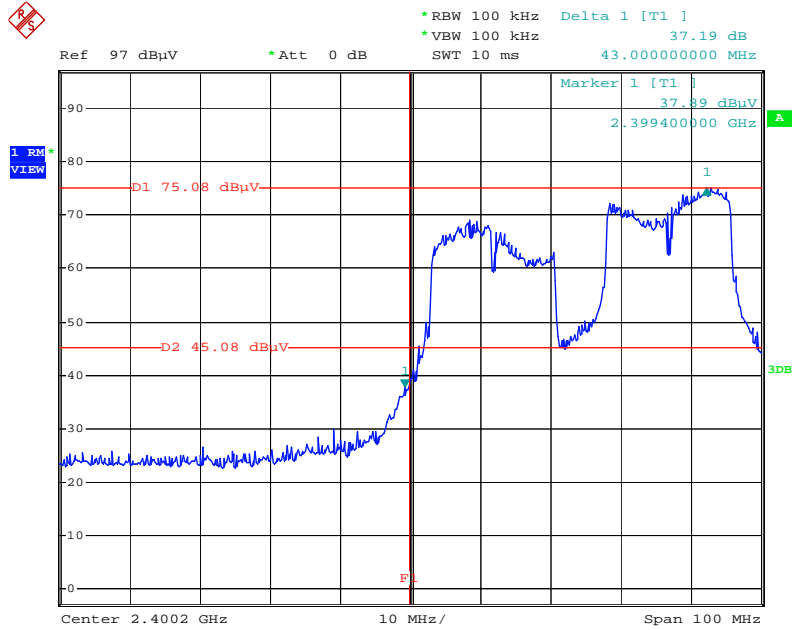
Date: 19.APR.2012 20:27:34

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 / 2462 MHz (1TX)



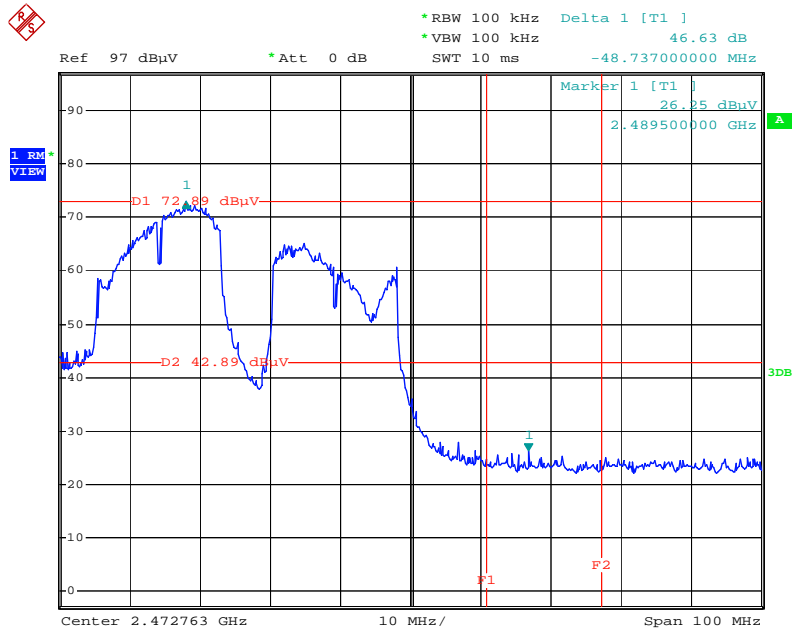
Date: 19.APR.2012 20:36:39

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2/ 2412 MHz (2TX)



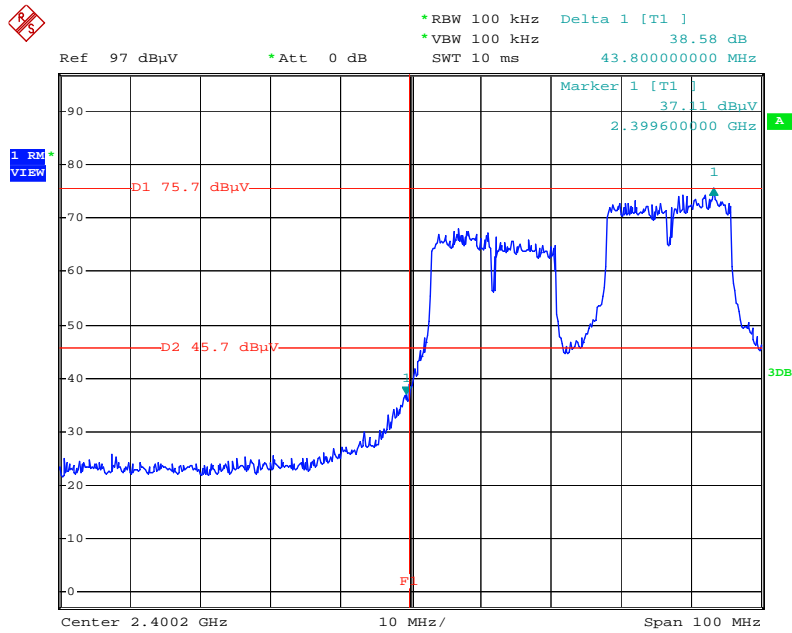
Date: 20.APR.2012 01:34:14

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1+ Chain 2/ 2462 MHz (2TX)



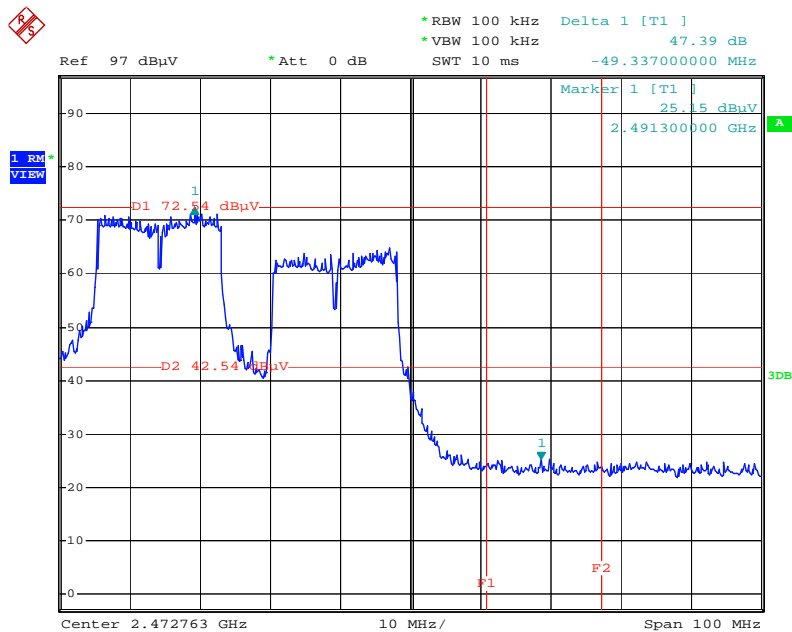
Date: 20.APR.2012 01:24:30

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2/ 2412 MHz (2TX)



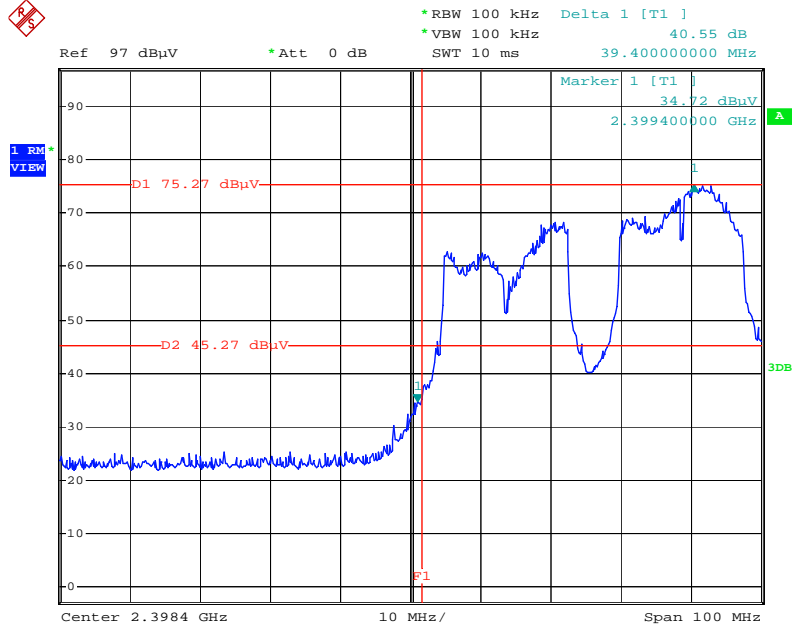
Date: 20.APR.2012 01:35:32

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1+ Chain 2/ 2462 MHz (2TX)



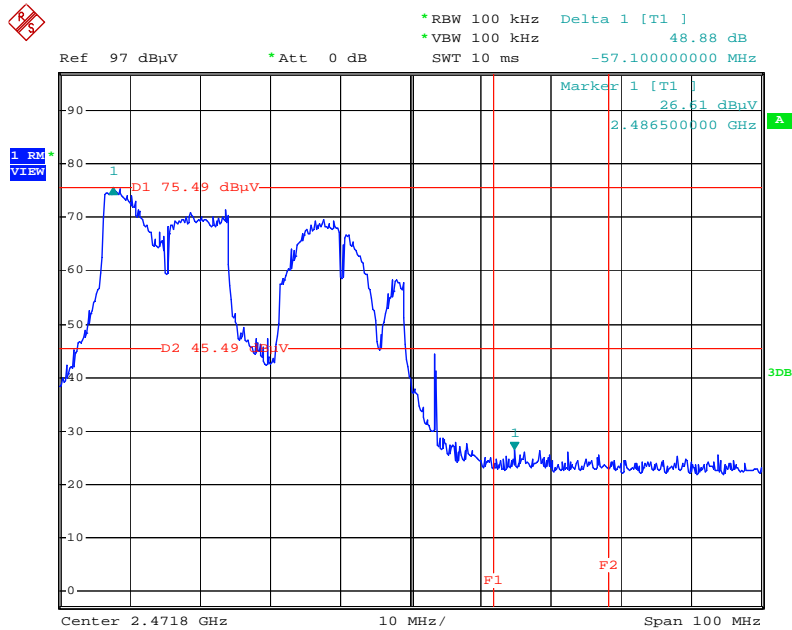
Date: 20.APR.2012 01:25:59

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 + Chain 3 / 2412 MHz (3TX)



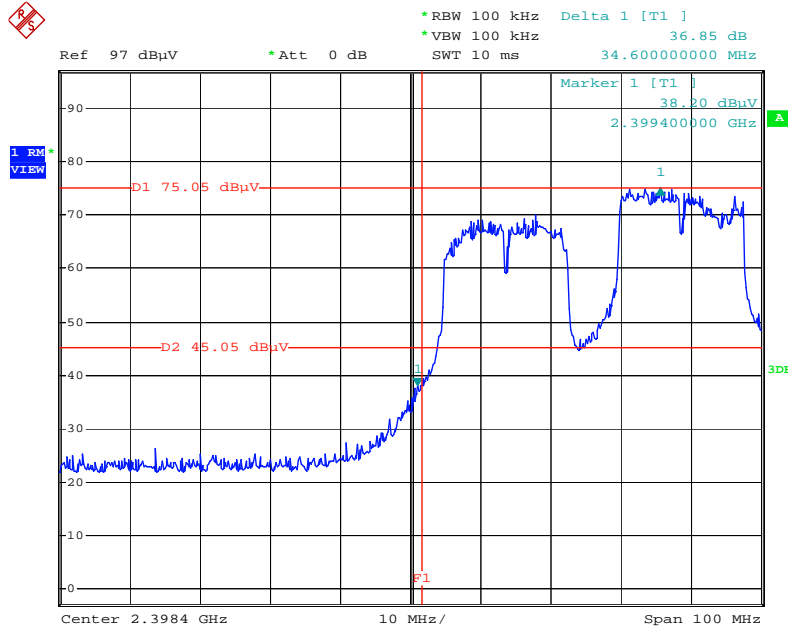
Date: 21.APR.2012 01:54:12

Plot on Configuration IEEE 802.11n MCS0 20MHz / Chain 1 + Chain 2 + Chain 3 / 2462 MHz (3TX)



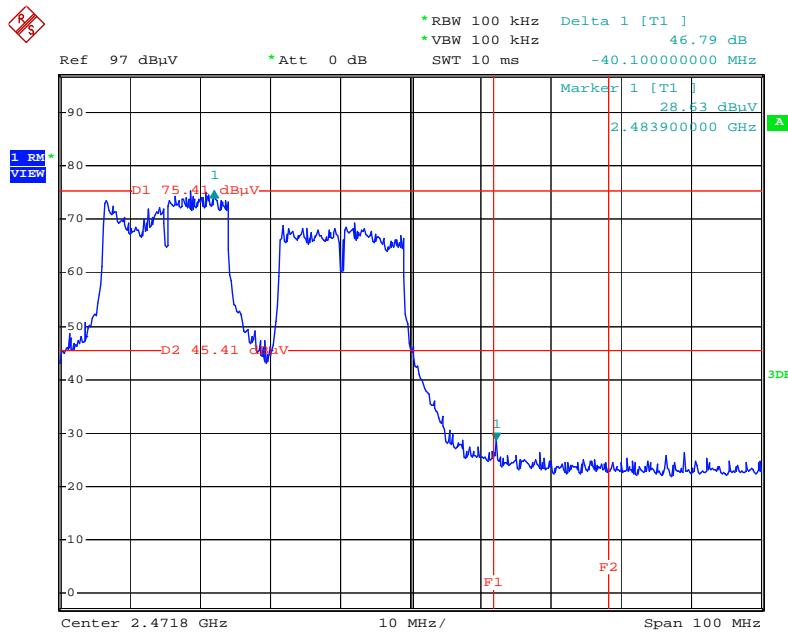
Date: 21.APR.2012 01:46:14

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2 + Chain 3 / 2412 MHz (3TX)



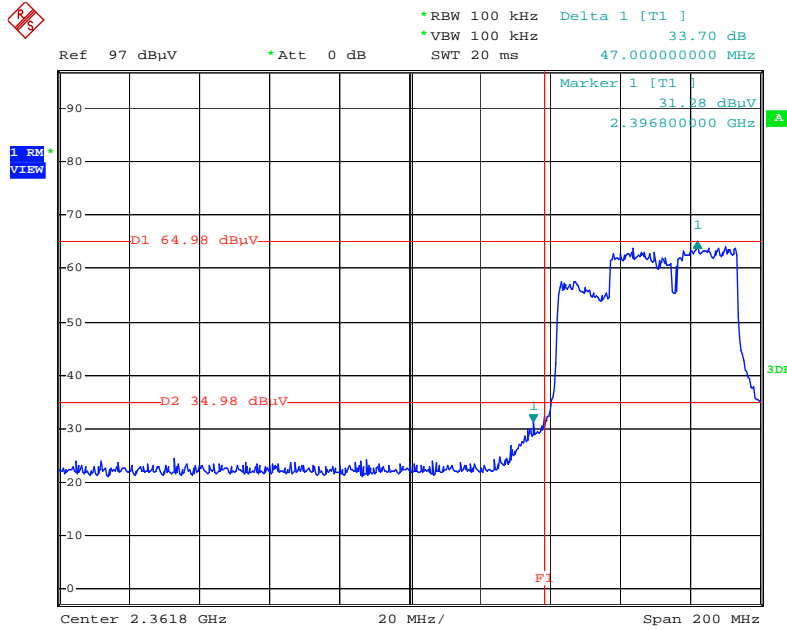
Date: 21.APR.2012 01:55:21

Plot on Configuration IEEE 802.11n MCS8 20MHz / Chain 1 + Chain 2 + Chain 3 / 2462 MHz (3TX)



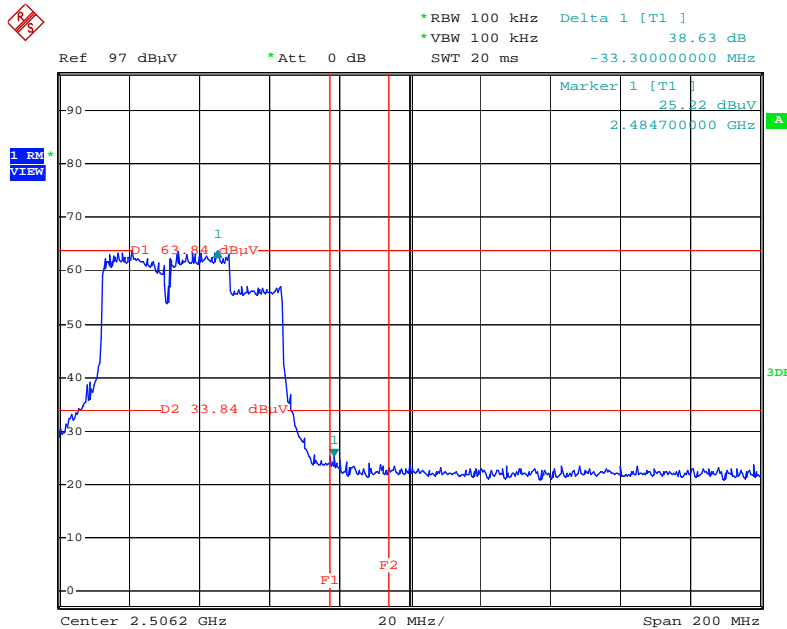
Date: 21.APR.2012 01:47:38

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 / 2422 MHz (1TX)



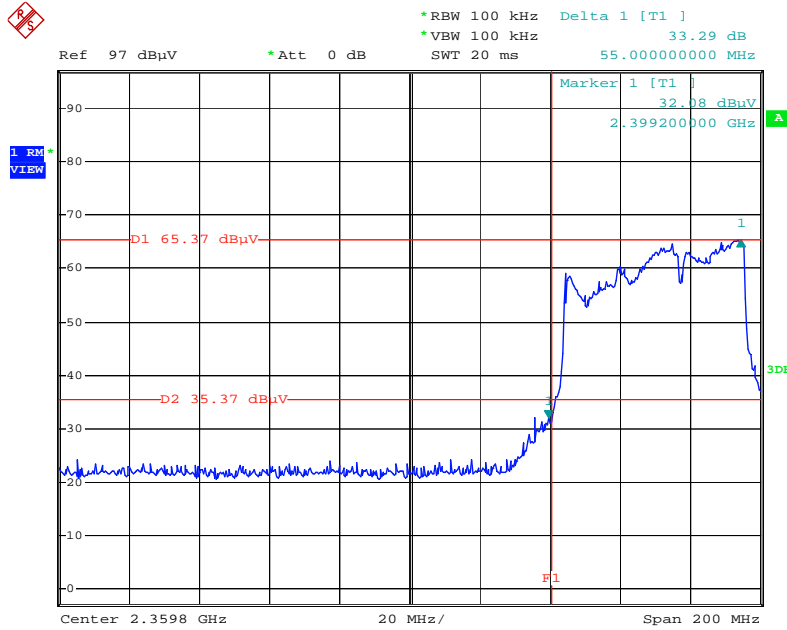
Date: 19.APR.2012 20:31:17

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 / 2452 MHz (1TX)



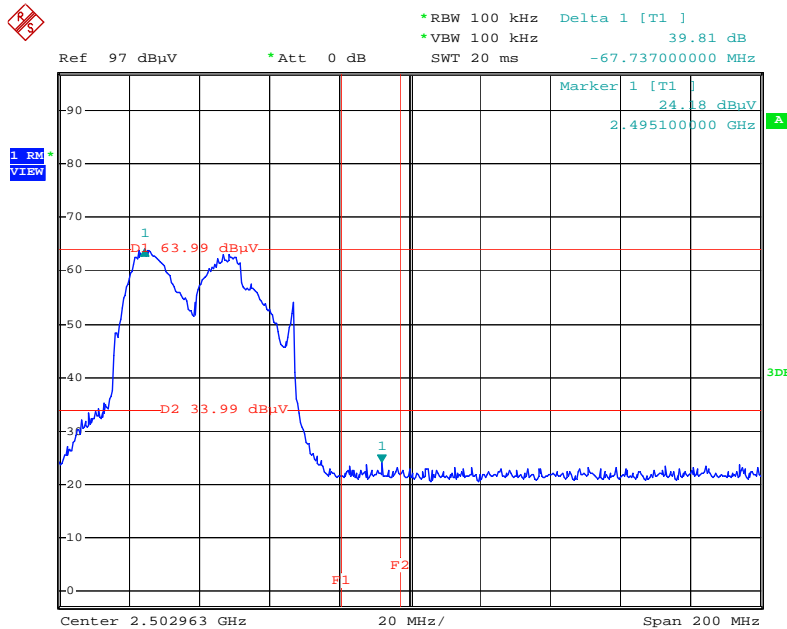
Date: 19.APR.2012 20:34:35

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2/ 2422 MHz (2TX)



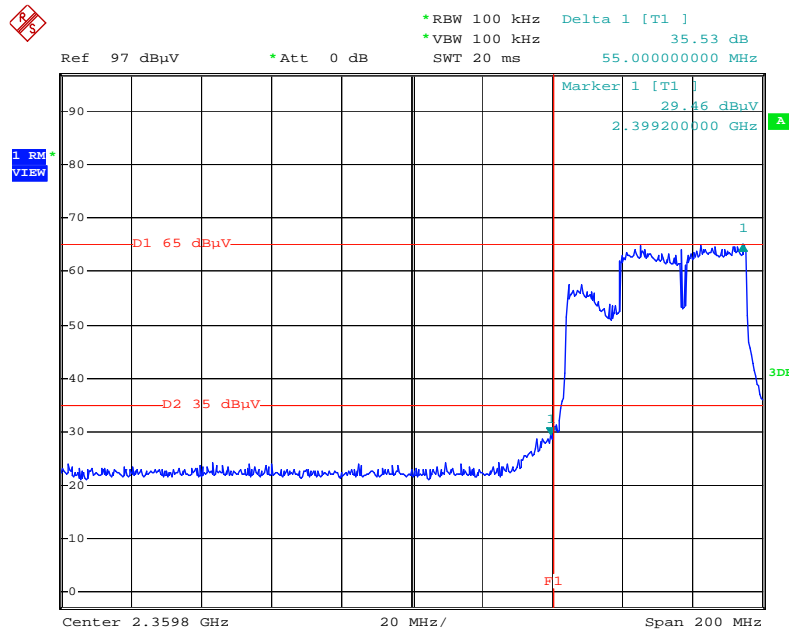
Date: 20.APR.2012 01:37:14

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2/ 2452 MHz (2TX)



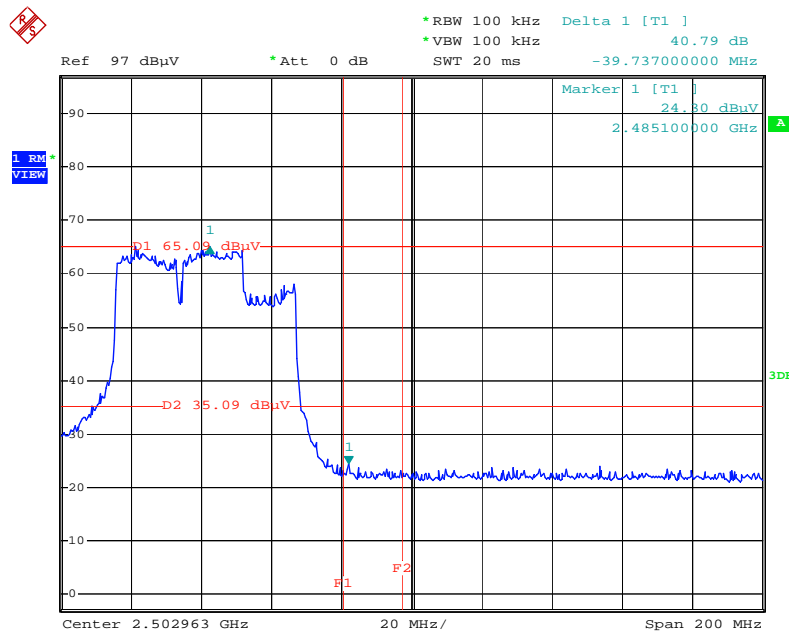
Date: 20.APR.2012 01:22:23

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2/ 2422 MHz (2TX)



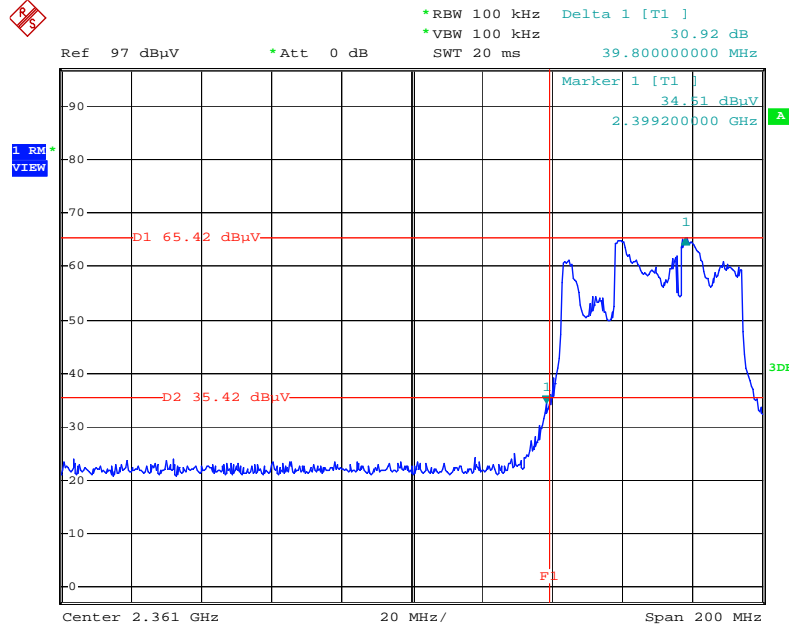
Date: 20.APR.2012 01:40:18

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2/ 2452 MHz (2TX)



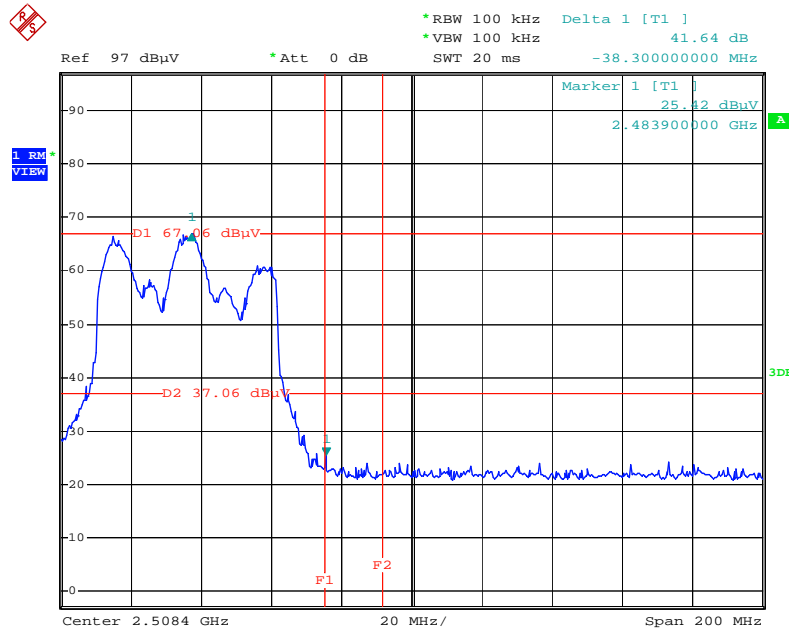
Date: 20.APR.2012 01:20:39

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 + Chain 3 / 2422 MHz (3TX)



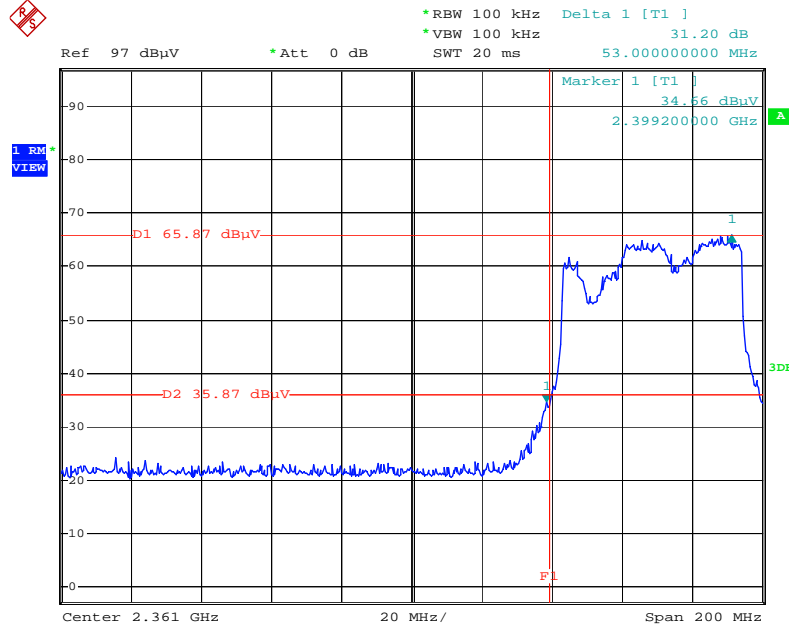
Date: 21.APR.2012 01:56:55

Plot on Configuration IEEE 802.11n MCS0 40MHz / Chain 1 + Chain 2 + Chain 3 / 2452 MHz (3TX)



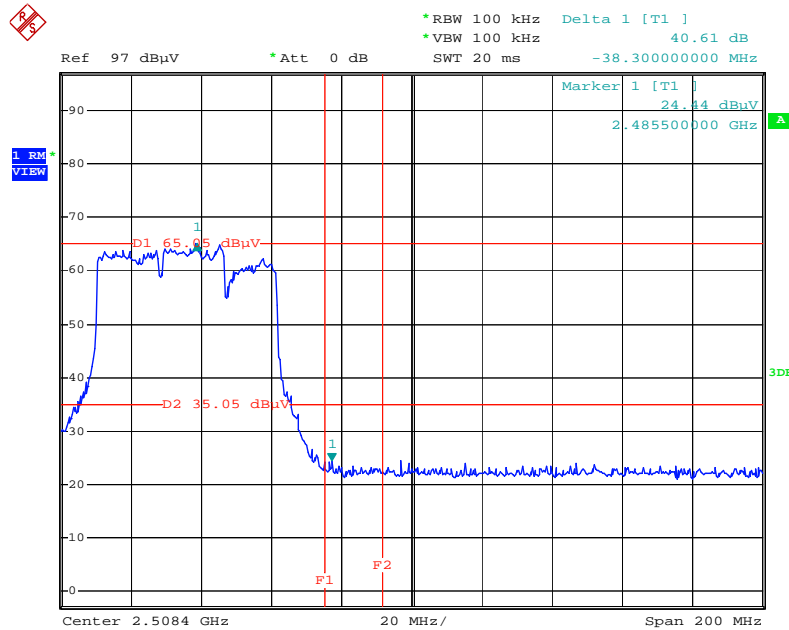
Date: 21.APR.2012 01:44:30

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2 + Chain 3 / 2422 MHz (3TX)



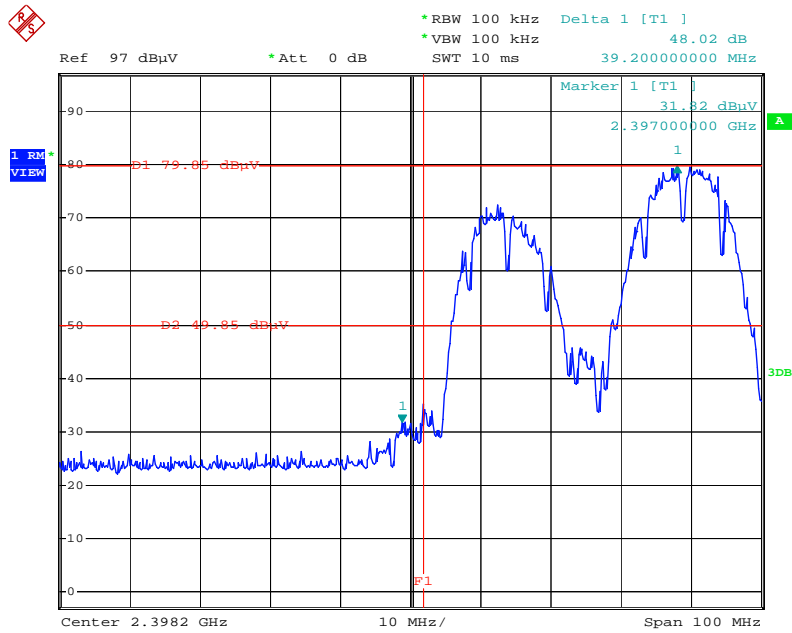
Date: 21.APR.2012 01:58:11

Plot on Configuration IEEE 802.11n MCS8 40MHz / Chain 1 + Chain 2 + Chain 3 / 2452 MHz (3TX)



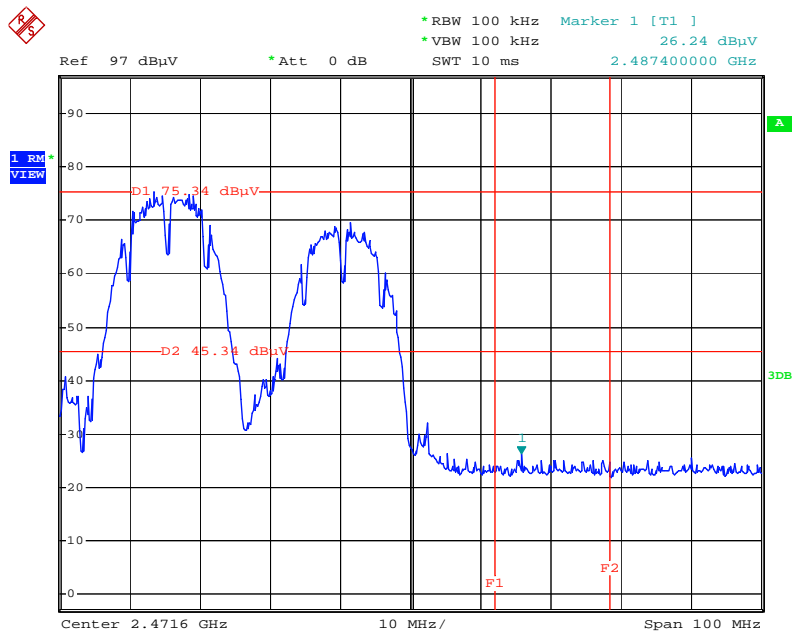
Date: 21.APR.2012 01:43:05

Plot on Configuration IEEE 802.11b / Chain 1 / 2412 MHz (1TX)



Date: 19.APR.2012 20:23:56

Plot on Configuration IEEE 802.11b / Chain 1 / 2462 MHz (1TX)



Date: 19.APR.2012 20:40:37