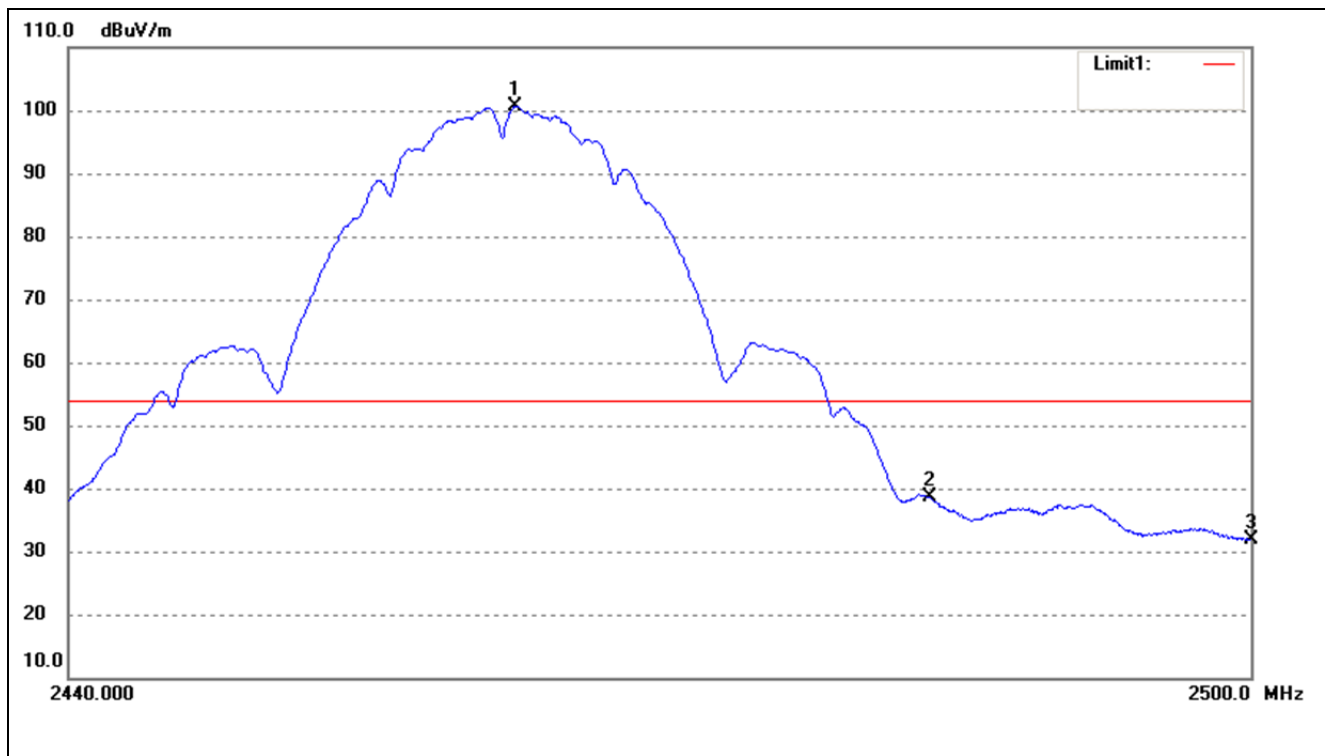
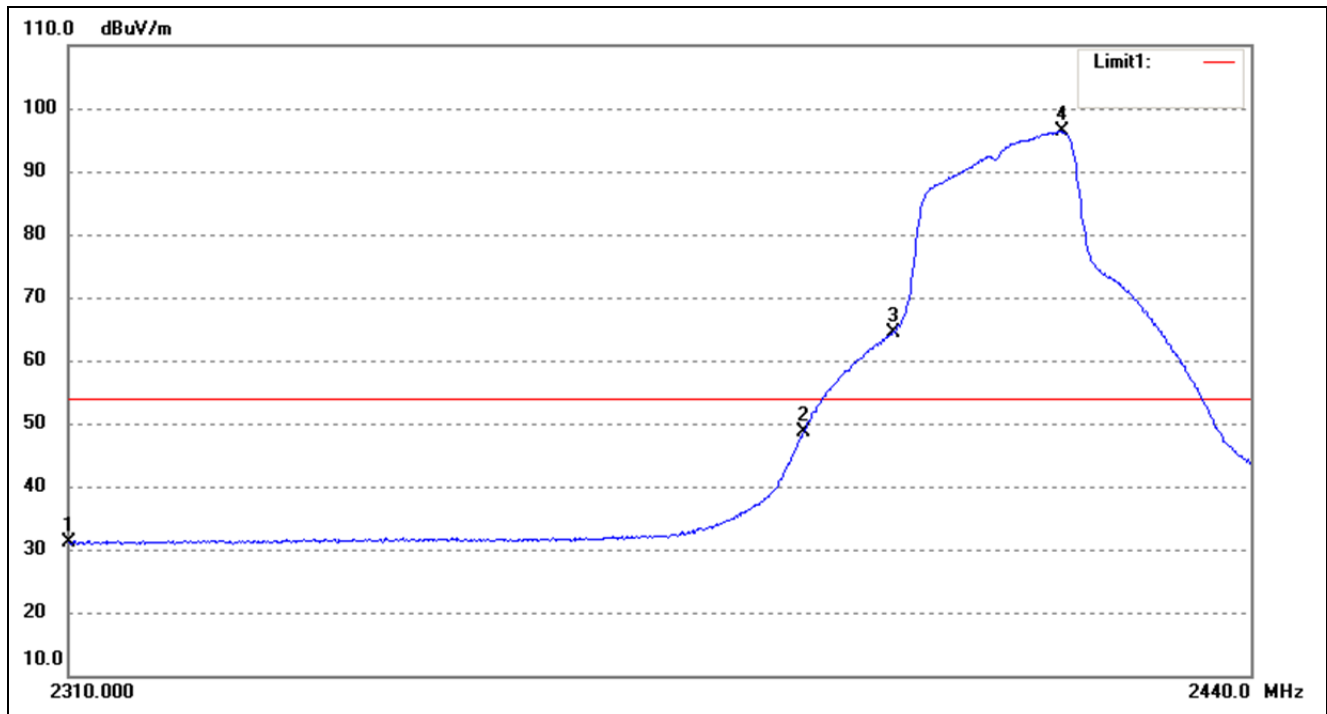


802.11b_11Mbps			
Test Channel	High	Polarity:	Vertical(worst case)



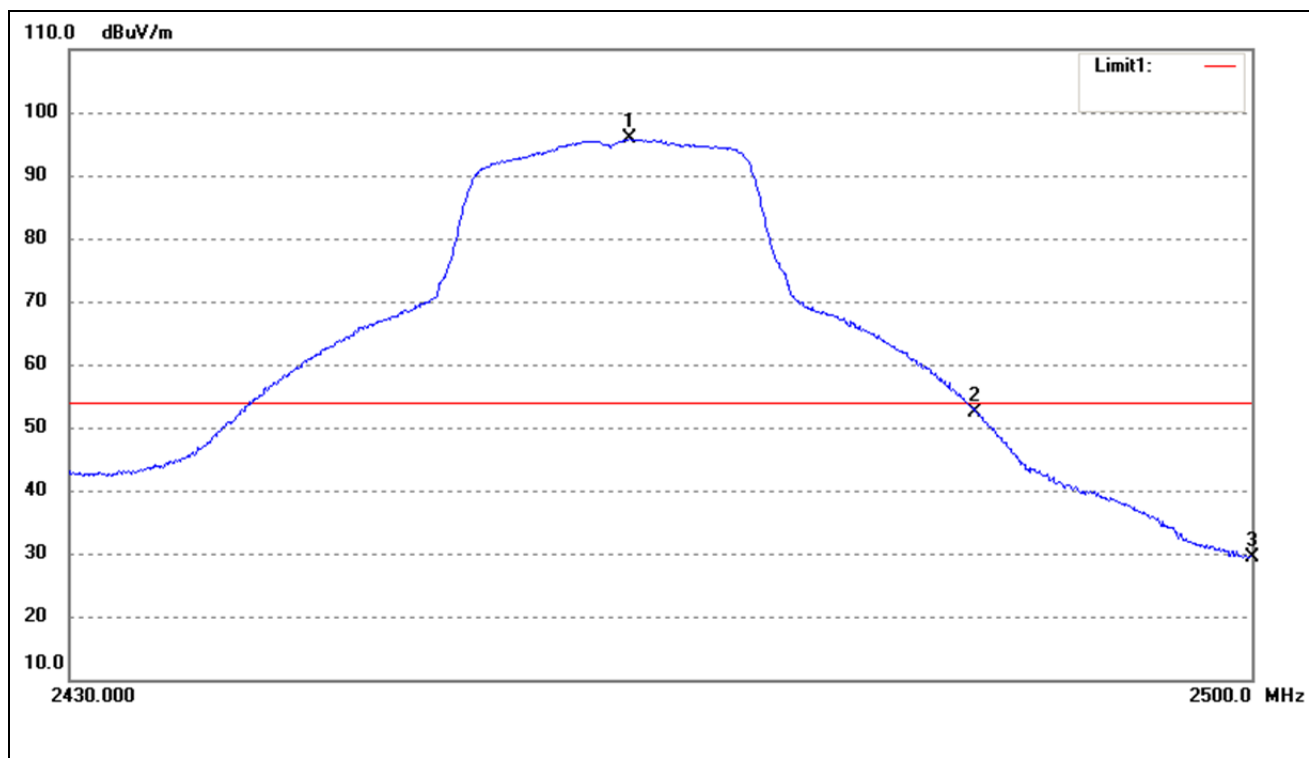
No.	Frequency (MHz)	Reading (dBuV/m)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.509	109.94	-9.36	100.58	/	/	Average Detector
	2462.688	113.96	-9.36	104.60	/	/	Peak Detector
2	2483.500	47.99	-9.31	38.68	54.00	-15.32	Average Detector
	2483.500	59.81	-9.31	50.50	74.00	-23.50	Peak Detector
3	2500.000	41.16	-9.28	31.88	54.00	-22.12	Average Detector
	2500.000	52.30	-9.28	43.02	74.00	-30.98	Peak Detector

802.11g_54Mbps			
Test Channel	Low	Polarity:	Vertical(worst case)



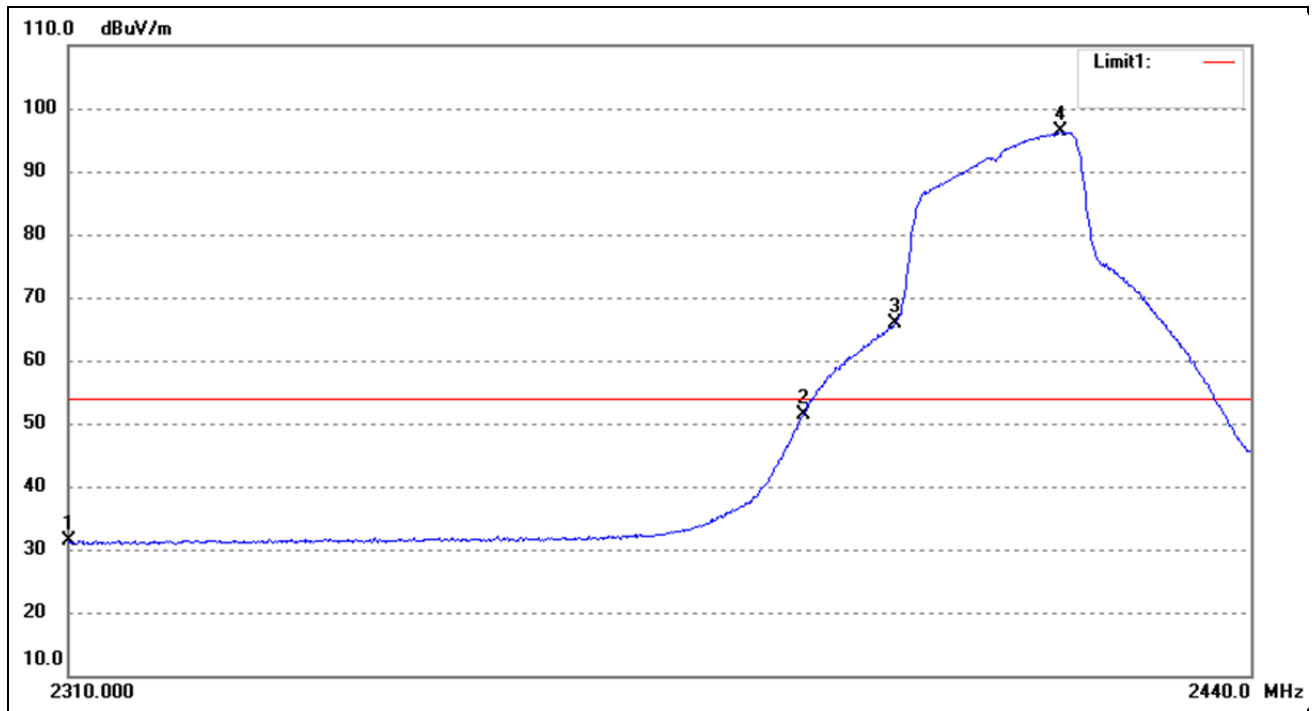
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2310.000	40.68	-9.66	31.02	54.00	-22.98	Average Detector
	2310.000	52.39	-9.66	42.73	74.00	-31.27	Peak Detector
2	2390.000	58.20	-9.50	48.70	54.00	-5.30	Average Detector
	2390.000	82.17	-9.50	72.67	74.00	-1.33	Peak Detector
3	2400.000	73.89	-9.48	64.41	Delta=32.0dB		Average Detector
4	2418.719	105.85	-9.44	96.41			Average Detector

802.11g_54Mbps			
Test Channel	High	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.932	105.17	-9.36	95.81	/	/	Average Detector
	2465.102	115.00	-9.35	105.65	/	/	Peak Detector
2	2483.500	61.61	-9.31	52.30	54.00	-1.70	Average Detector
	2483.500	78.29	-9.31	68.98	74.00	-5.02	Peak Detector
3	2500.000	38.77	-9.28	29.49	54.00	-24.51	Average Detector
	2500.000	67.26	-9.28	57.98	74.00	-16.02	Peak Detector

802.11n-HT20_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2310.000	40.95	-9.66	31.29	54.00	-22.71	Average Detector
	2310.000	52.50	-9.66	42.84	74.00	-31.16	Peak Detector
2	2390.000	60.80	-9.50	51.30	54.00	-2.70	Average Detector
	2390.000	80.41	-9.50	70.91	74.00	-3.09	Peak Detector
3	2400.000	75.29	-9.48	65.81	Delta=30.45dB		Average Detector
4	2418.586	105.70	-9.44	96.26			Average Detector

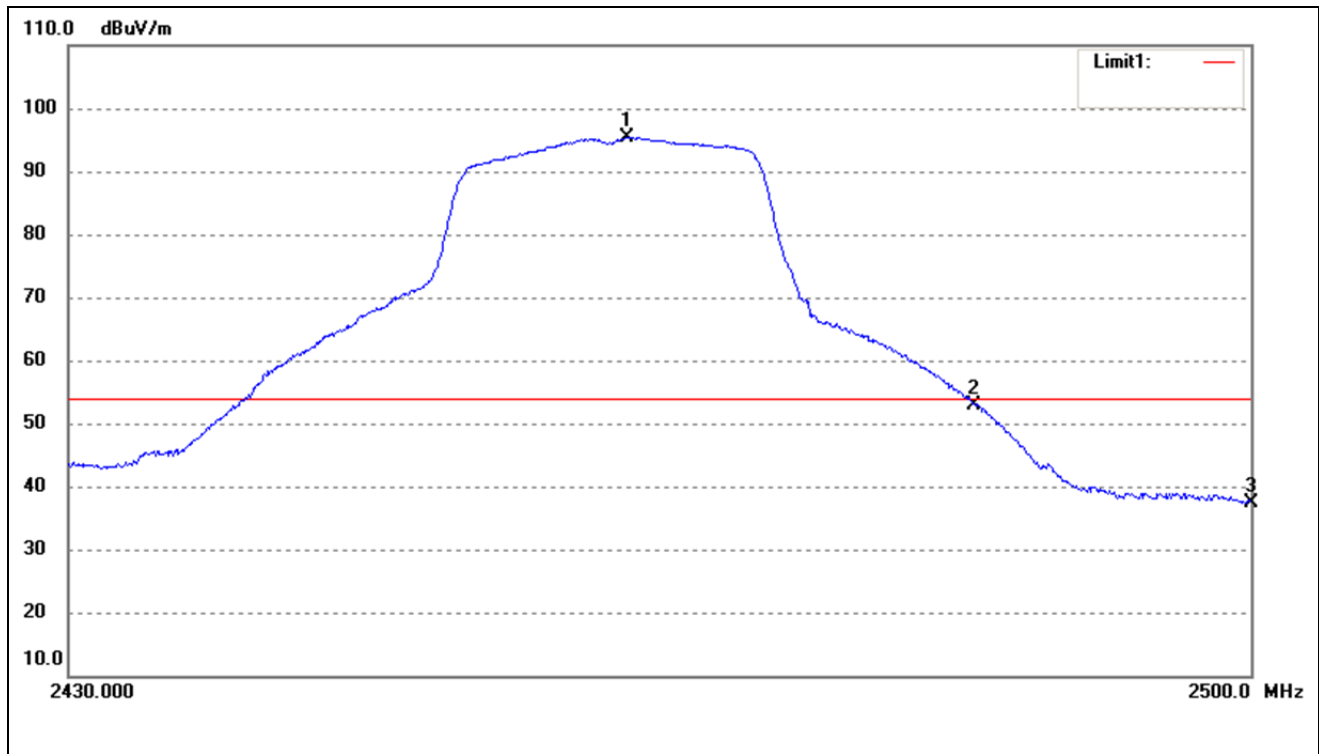
802.11n-HT20_MCS7

Test Channel

High

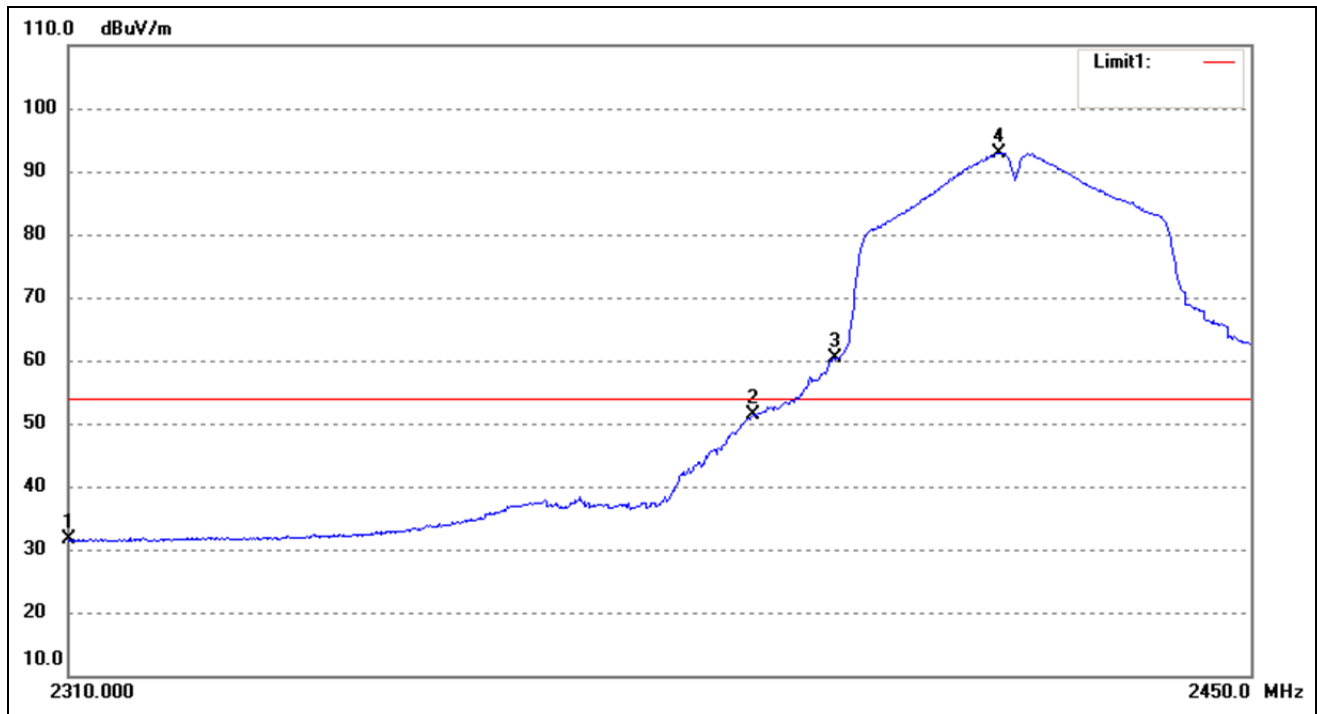
Polarity:

Vertical(worst case)



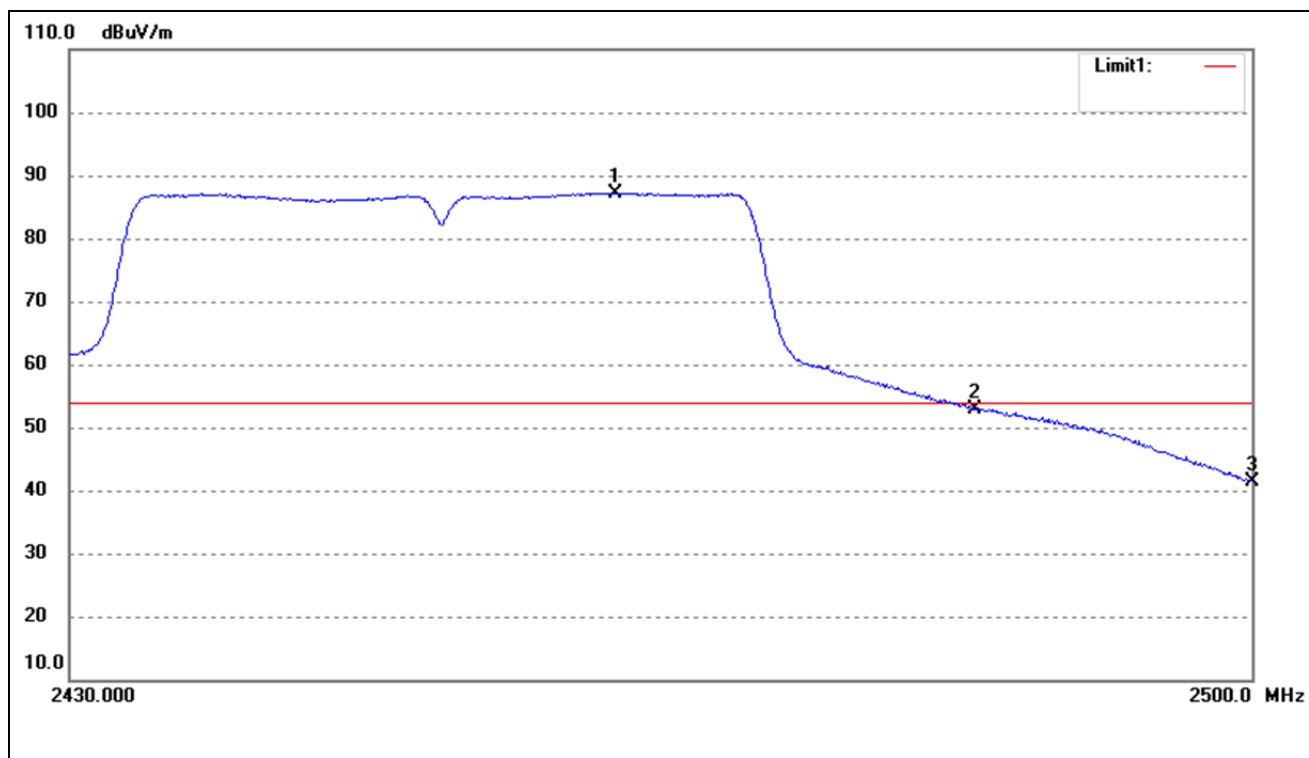
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.862	104.78	-9.36	95.42	/	/	Average Detector
	2462.862	114.01	-9.36	104.65	/	/	Peak Detector
2	2483.500	62.29	-9.31	52.98	54.00	-1.02	Average Detector
	2483.500	80.05	-9.31	70.74	74.00	-3.26	Peak Detector
3	2500.000	46.78	-9.28	37.50	54.00	-16.50	Average Detector
	2500.000	63.09	-9.28	53.81	74.00	-20.19	Peak Detector

802.11n-HT40_MCS7			
Test Channel	Low	Polarity:	Vertical(worst case)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2310.000	41.27	-9.66	31.61	54.00	-22.39	Average Detector
	2310.000	52.81	-9.66	43.15	74.00	-30.85	Peak Detector
2	2390.000	60.85	-9.50	51.35	54.00	-2.65	Average Detector
	2390.000	79.51	-9.50	70.01	74.00	-3.99	Peak Detector
3	2400.000	69.75	-9.48	60.27	Delta=32.73dB		Average Detector
4	2419.486	102.44	-9.44	93.00			Average Detector

802.11n-HT40_MCS7			
Test Channel	High	Polarity:	Vertical(worst case)

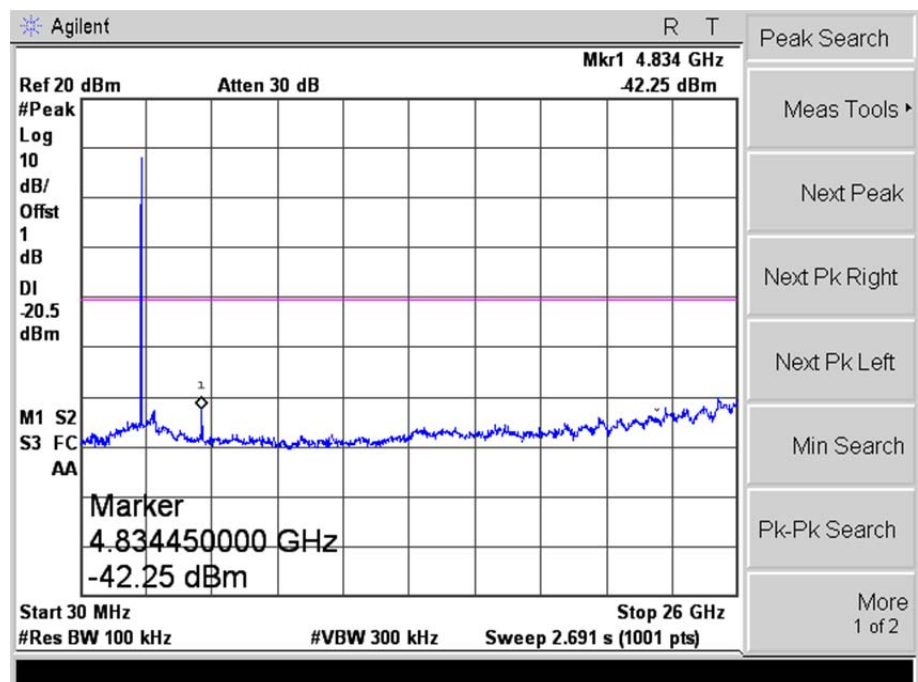
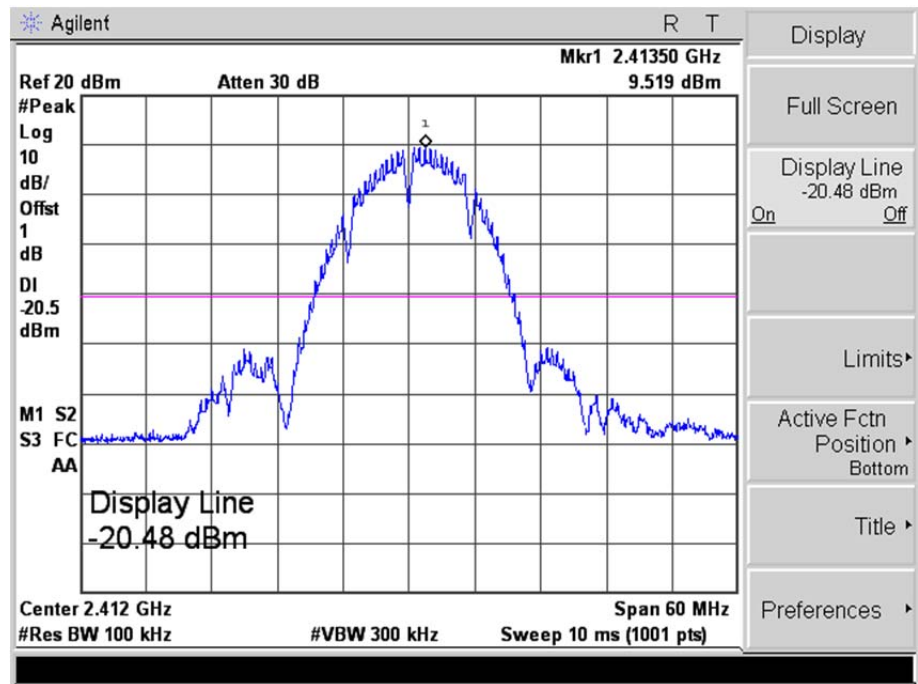


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.093	96.60	-9.36	87.24	/	/	Average Detector
	2463.002	107.93	-9.36	98.57	/	/	Peak Detector
2	2483.500	62.28	-9.31	52.97	54.00	-1.03	Average Detector
	2483.500	75.01	-9.31	65.70	74.00	-8.30	Peak Detector
3	2500.000	50.77	-9.28	41.49	54.00	-12.51	Average Detector
	2500.000	69.10	-9.28	59.82	74.00	-14.18	Peak Detector

➤ Conducted test

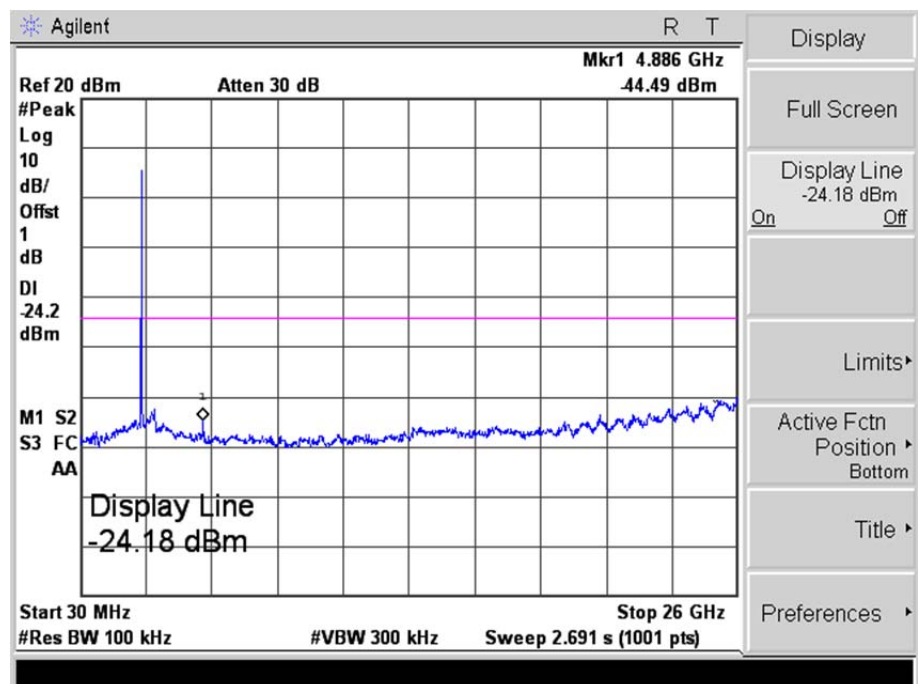
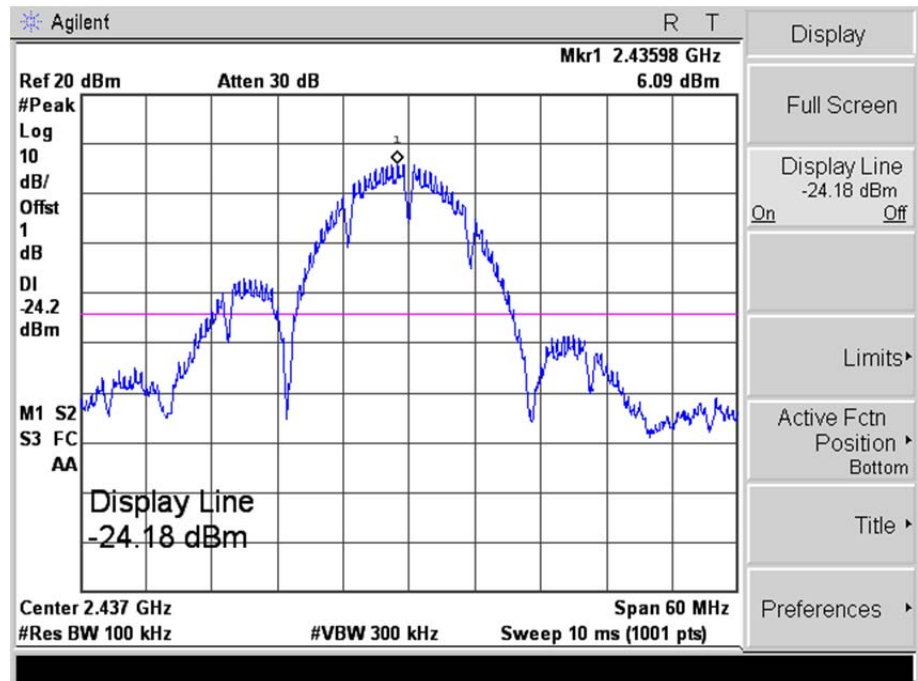
802.11b_11Mbps

Low



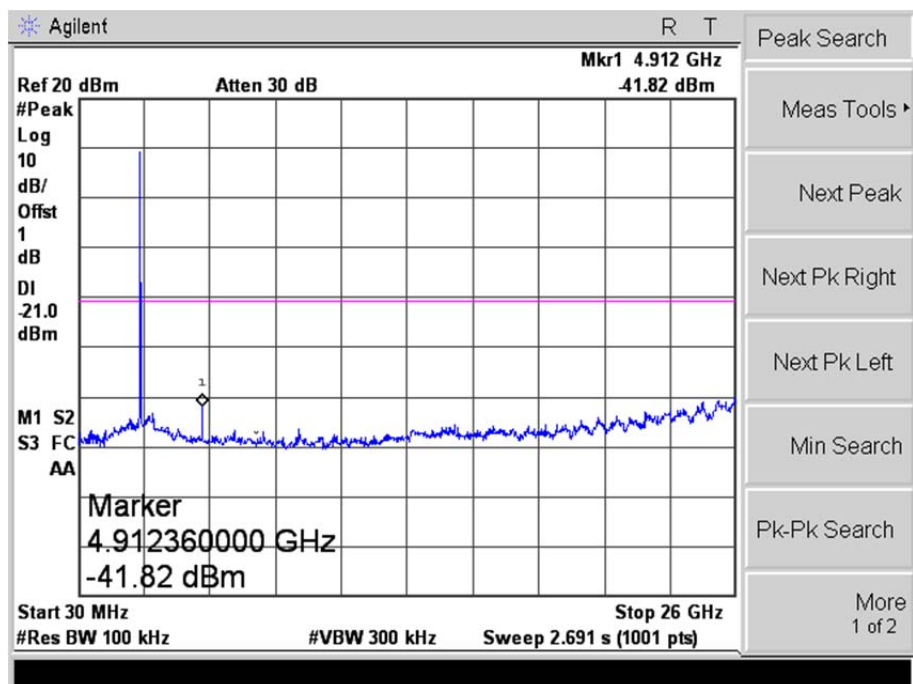
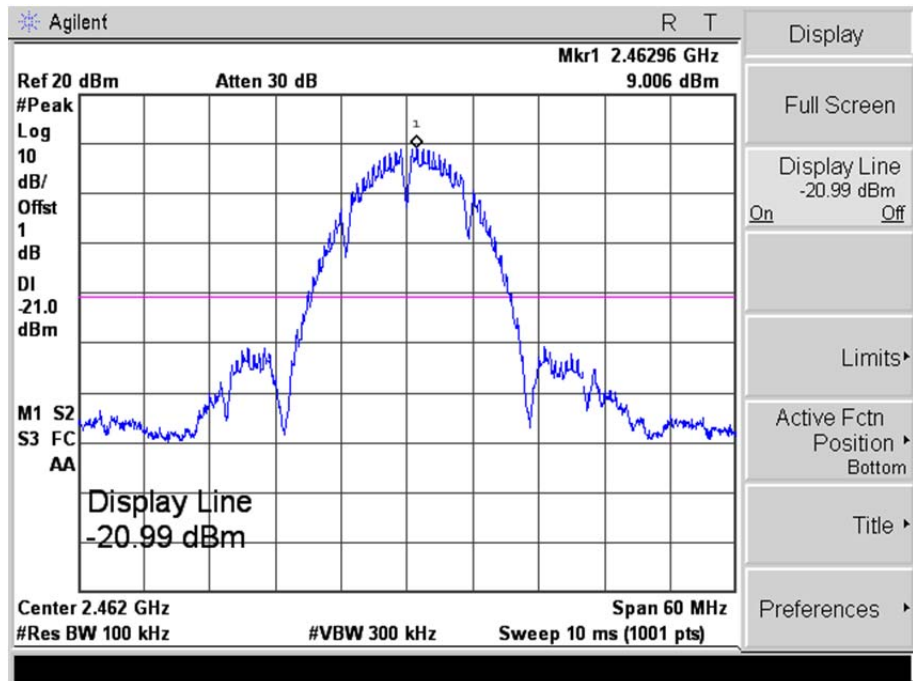
802.11b_11Mbps

Middle



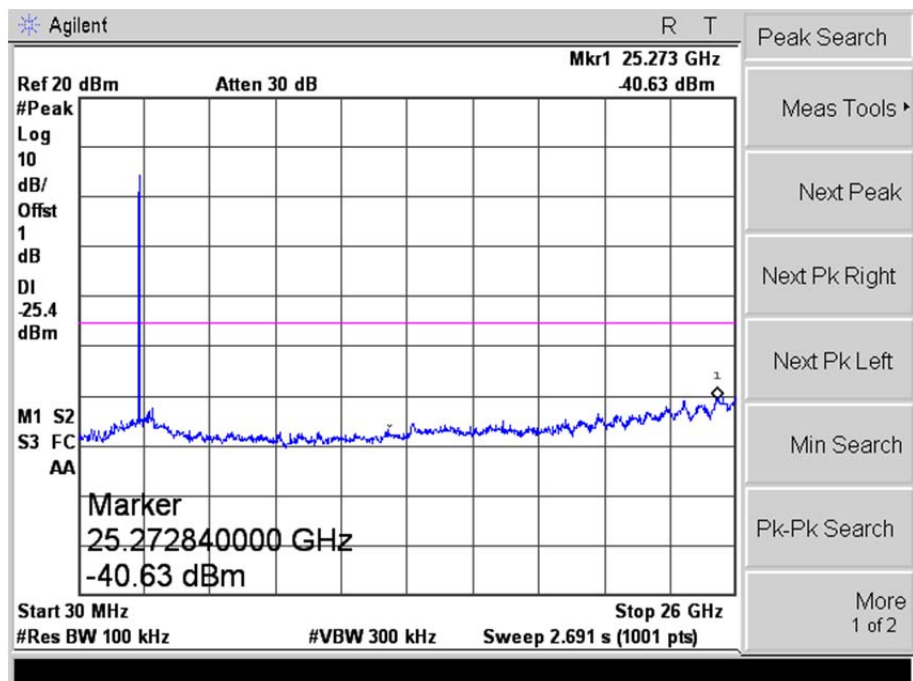
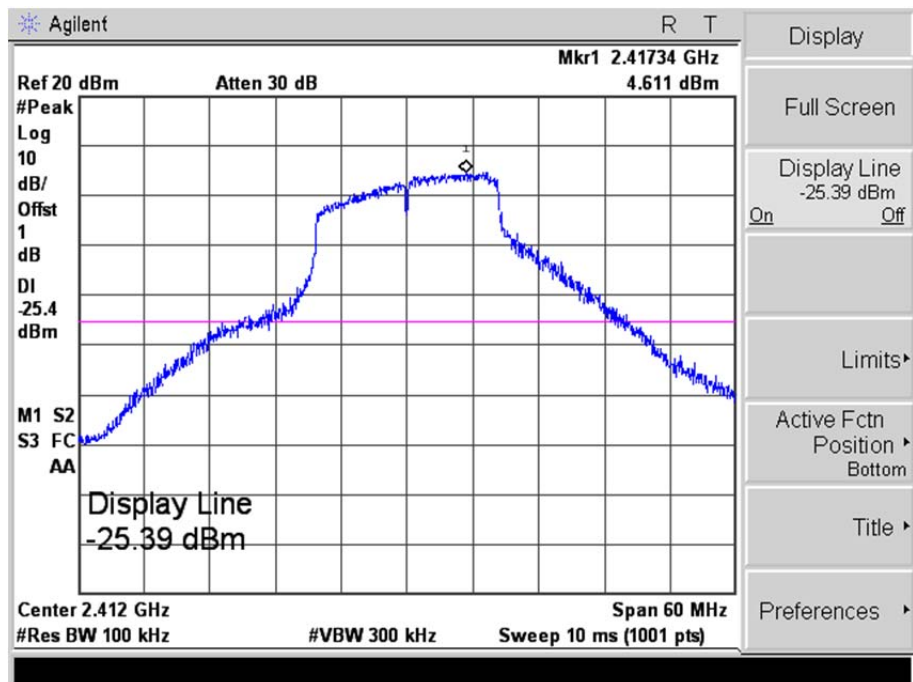
802.11b_11Mbps

High



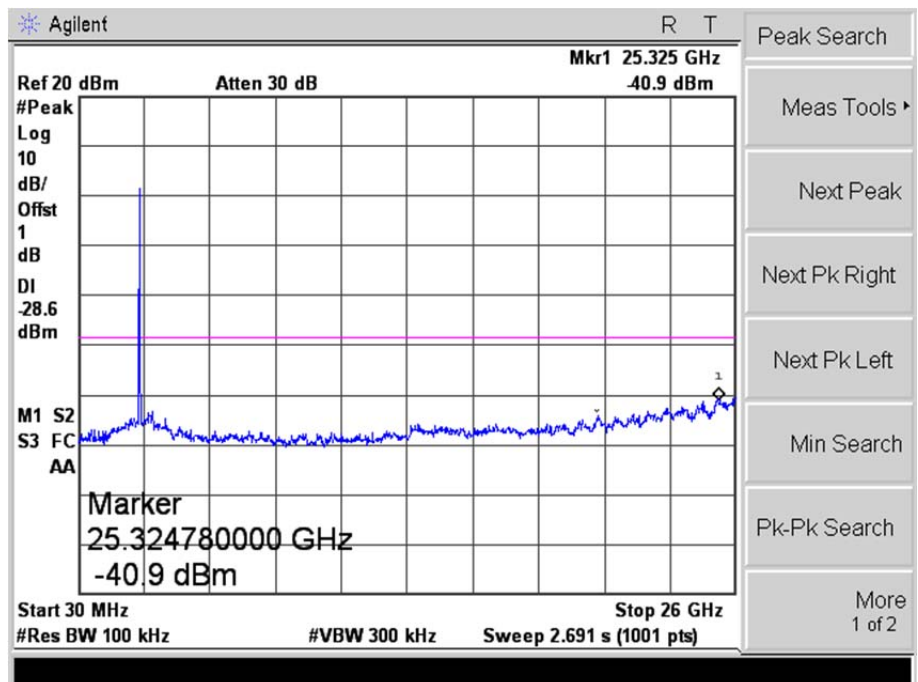
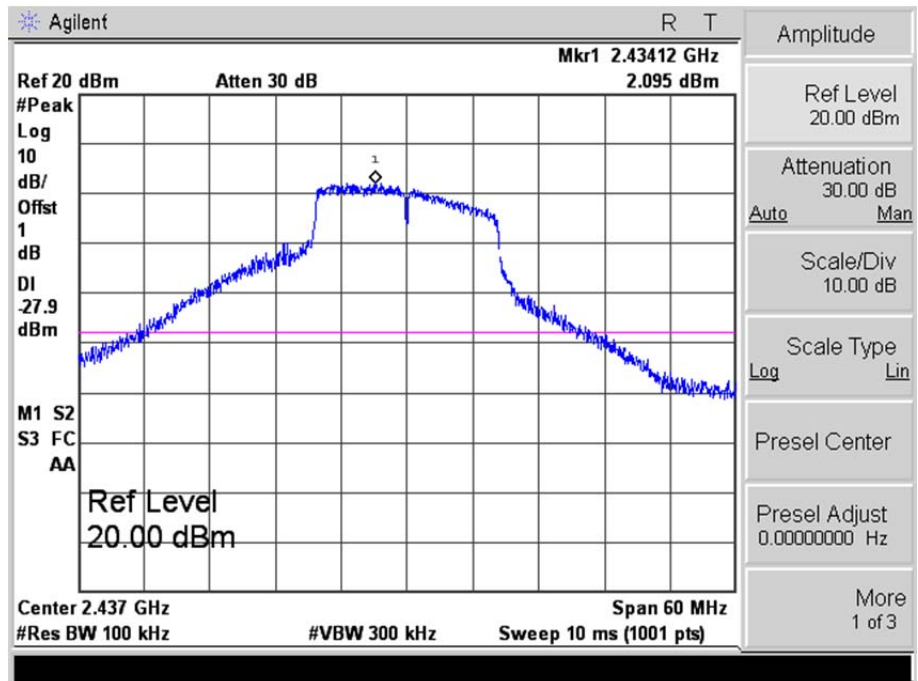
802.11g_54Mbps

Low



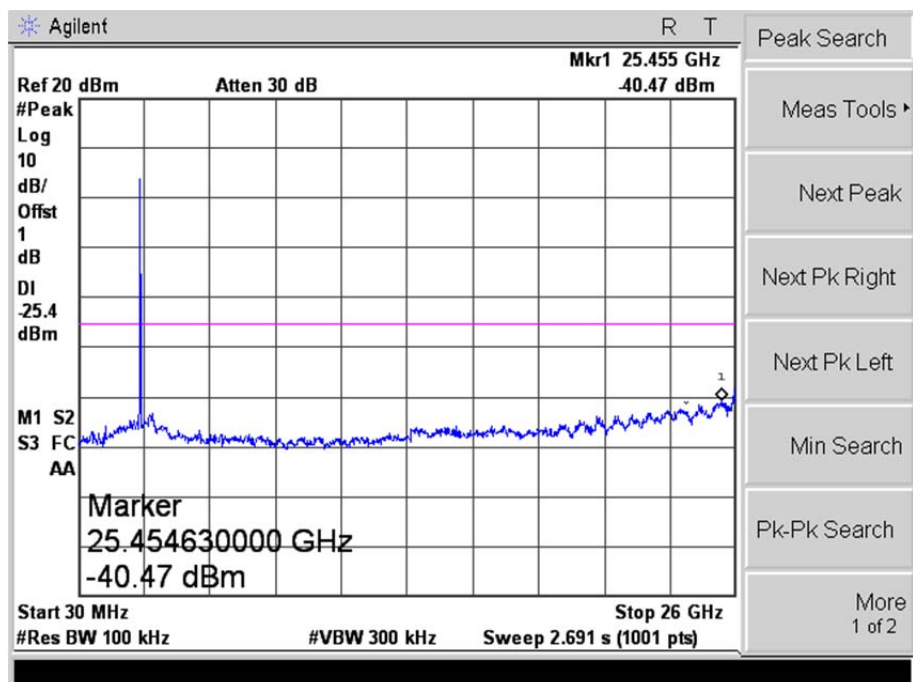
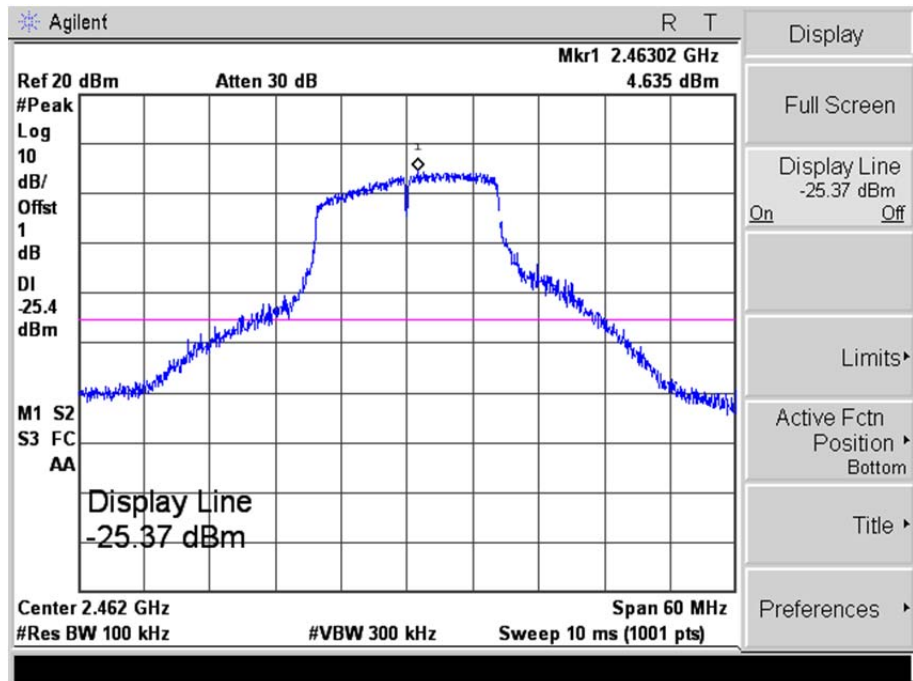
802.11g_54Mbps

Middle



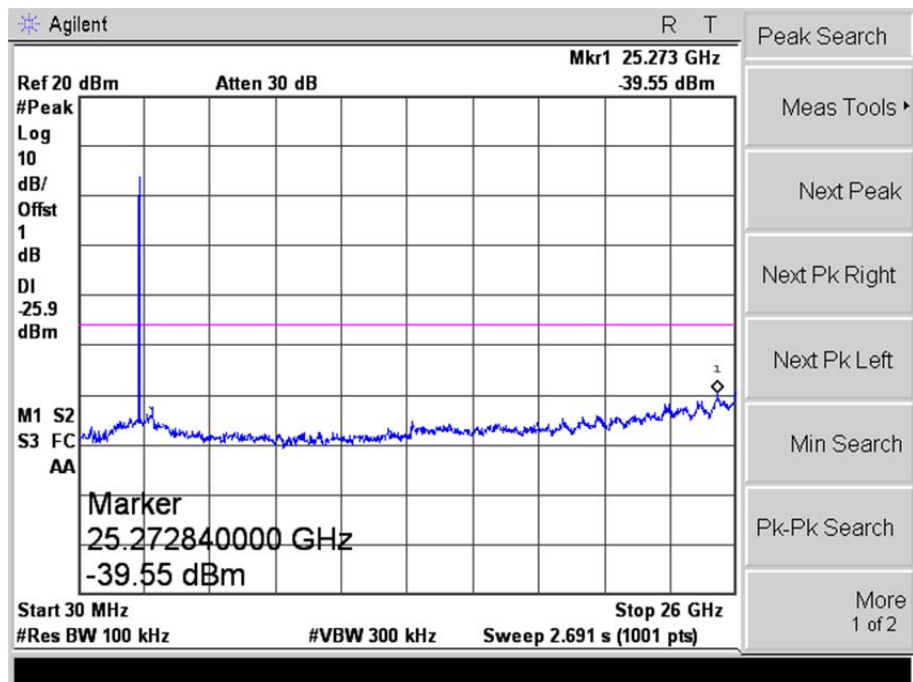
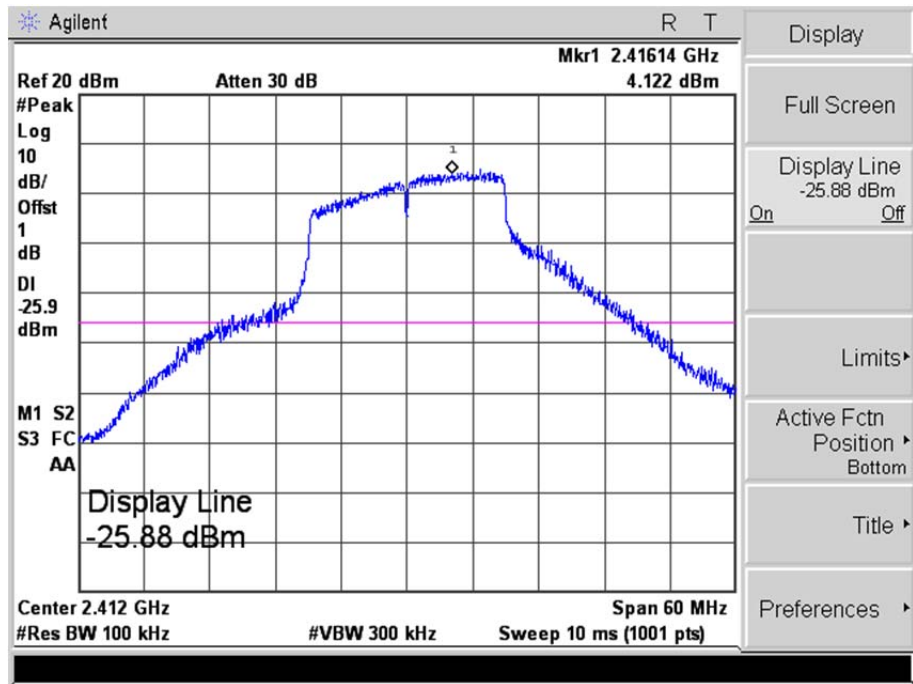
802.11g_54Mbps

High



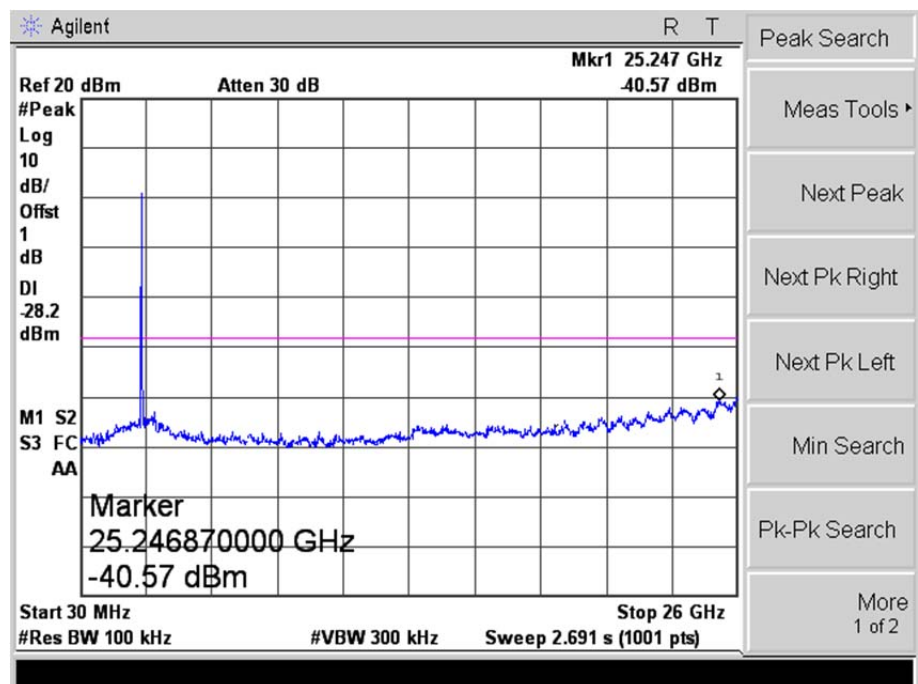
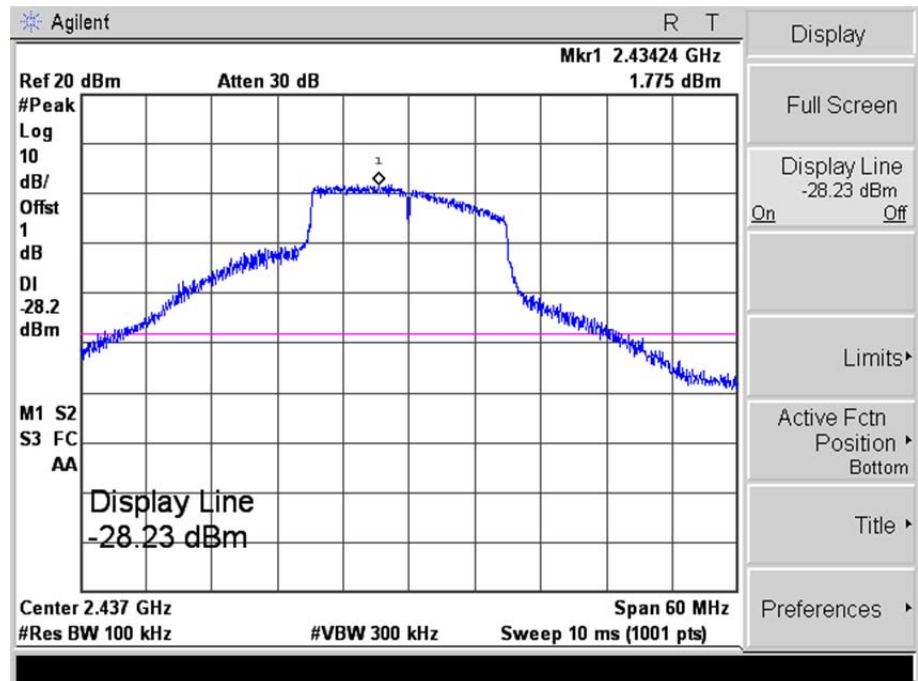
802.11n-HT20_MCS7

Low



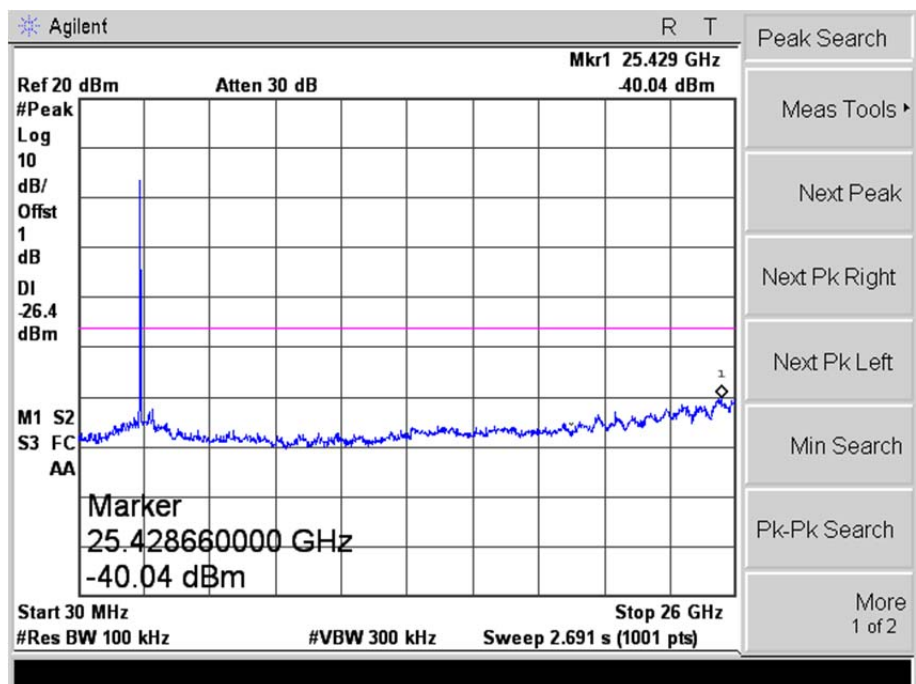
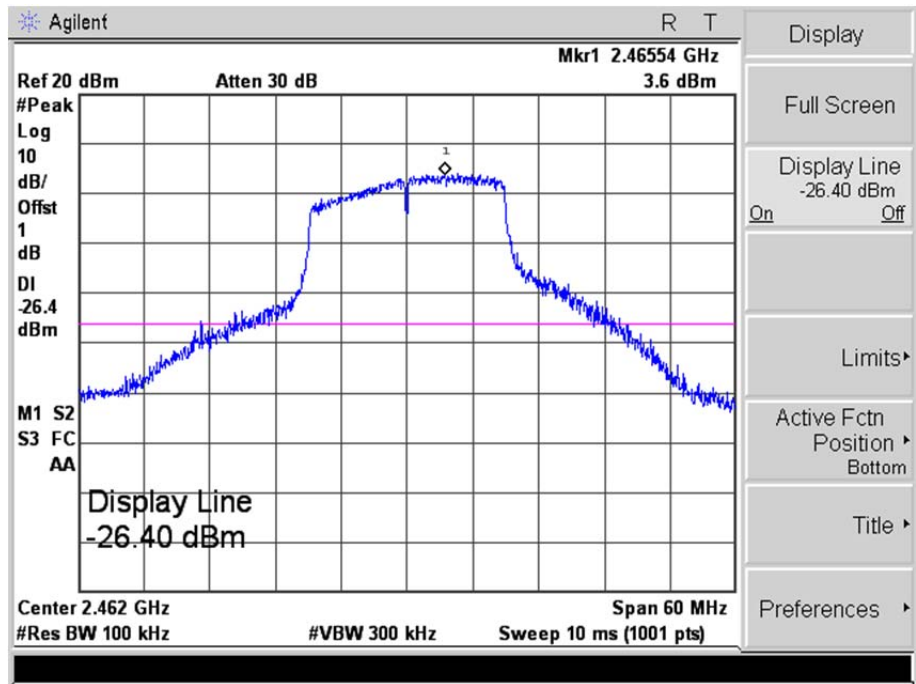
802.11n-HT20_MCS7

Middle



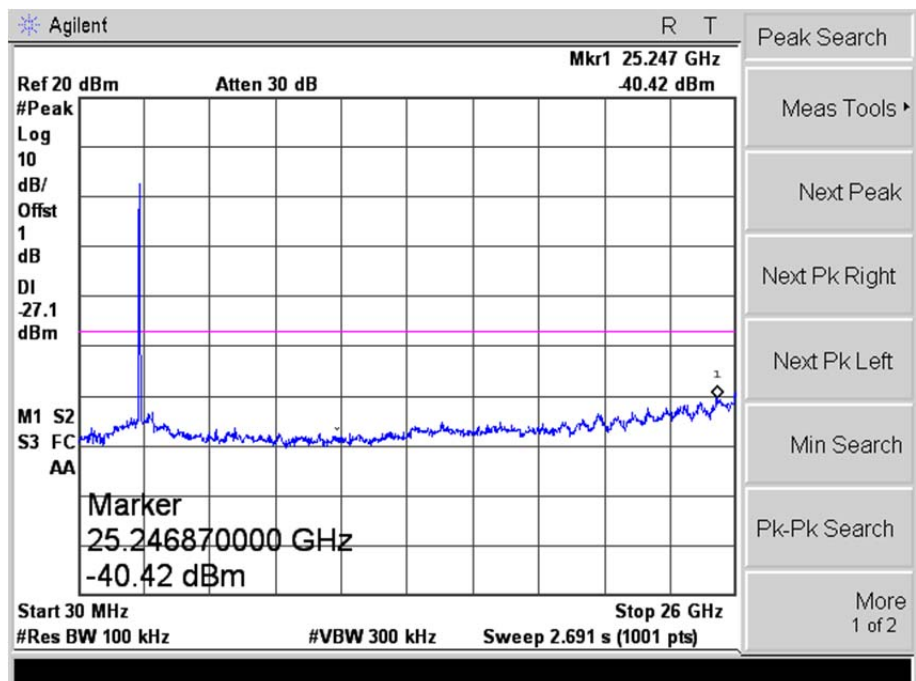
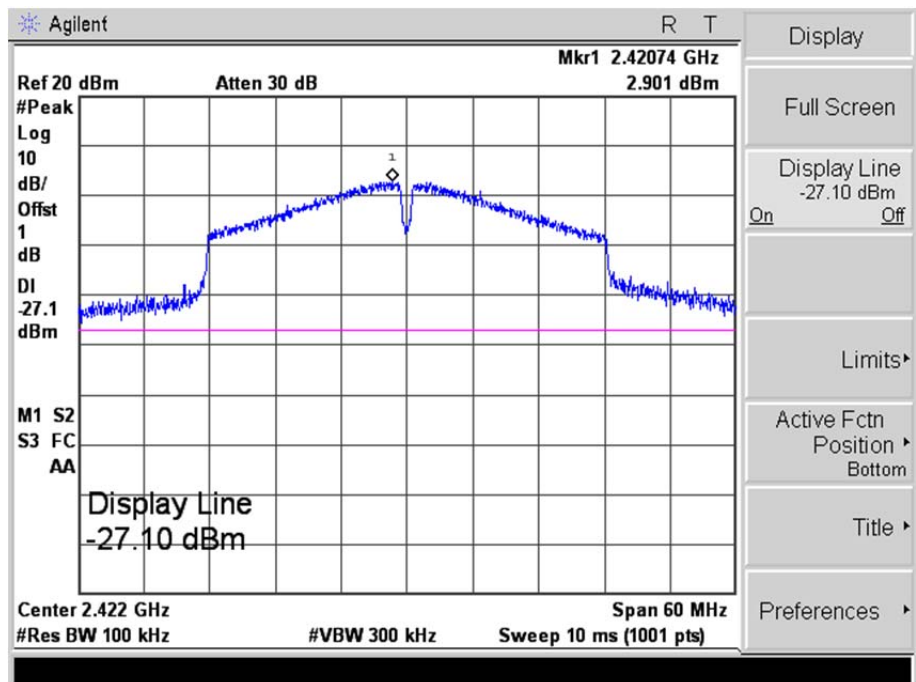
802.11n-HT20_MCS7

High



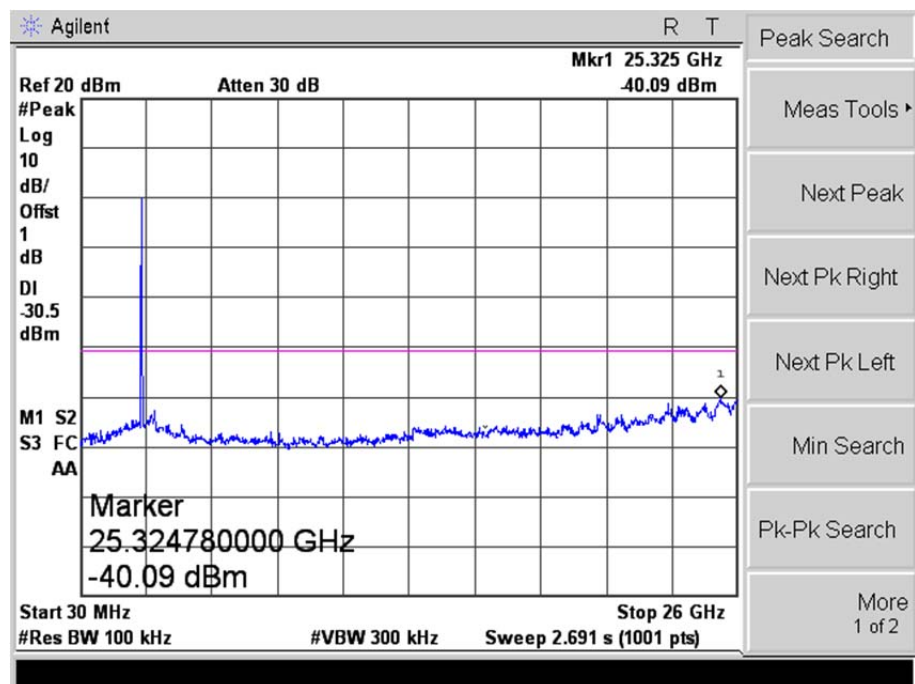
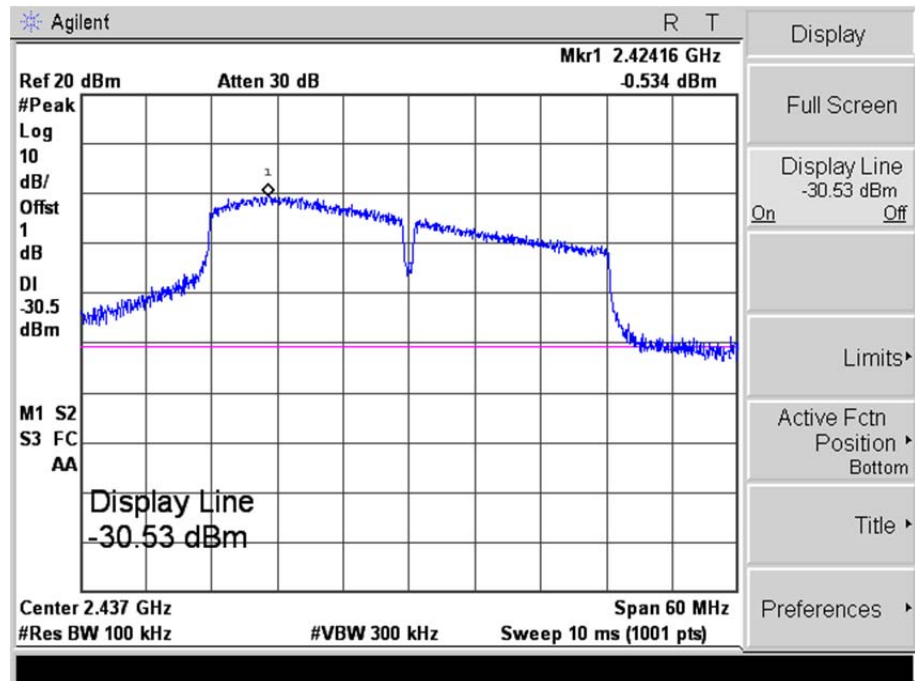
802.11n-HT40_MCS7

Low



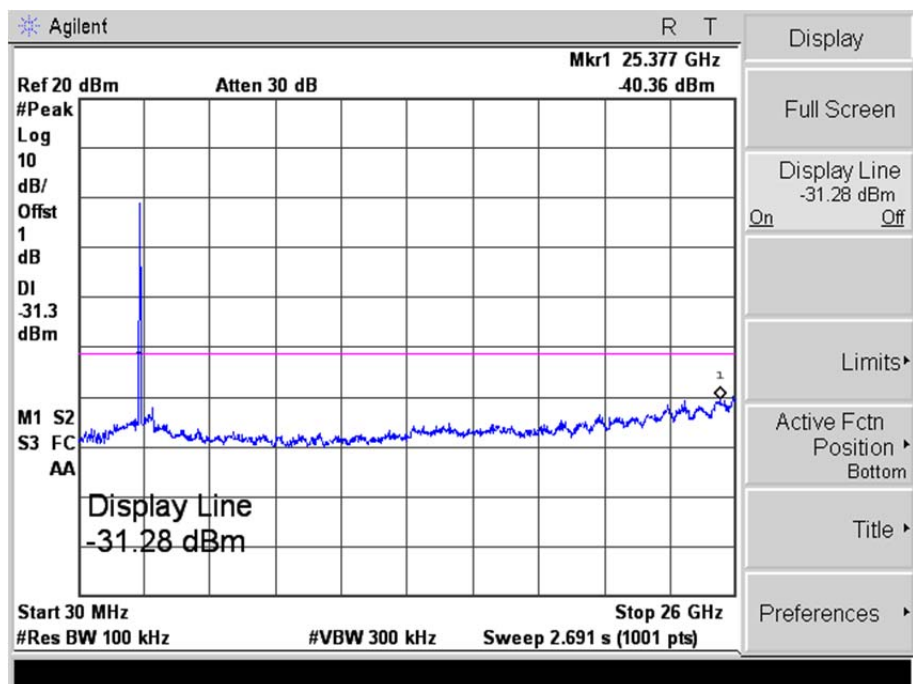
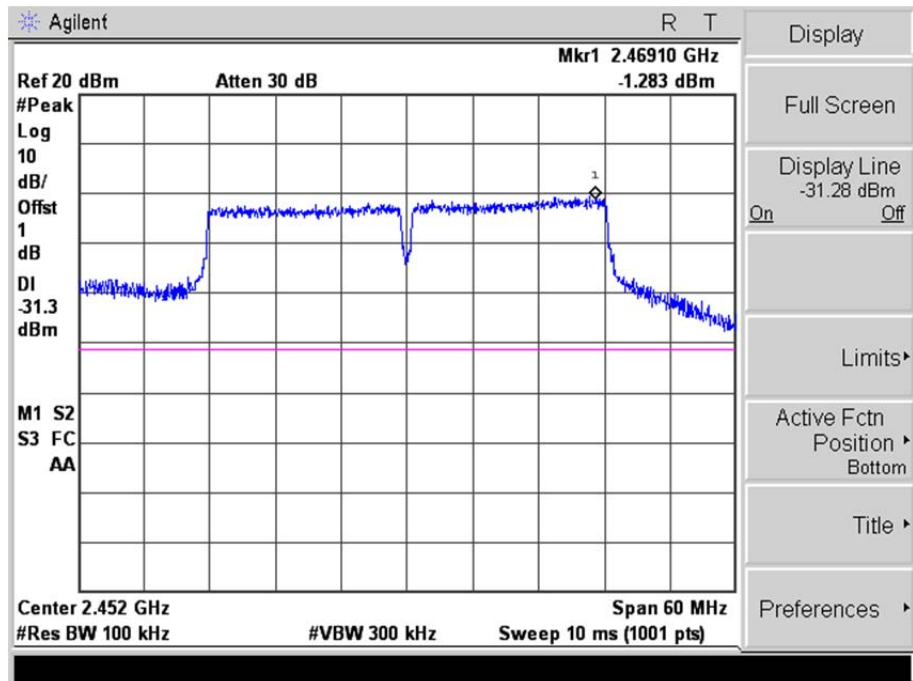
802.11n-HT40_MCS7

Middle



802.11n-HT40_MCS7

High



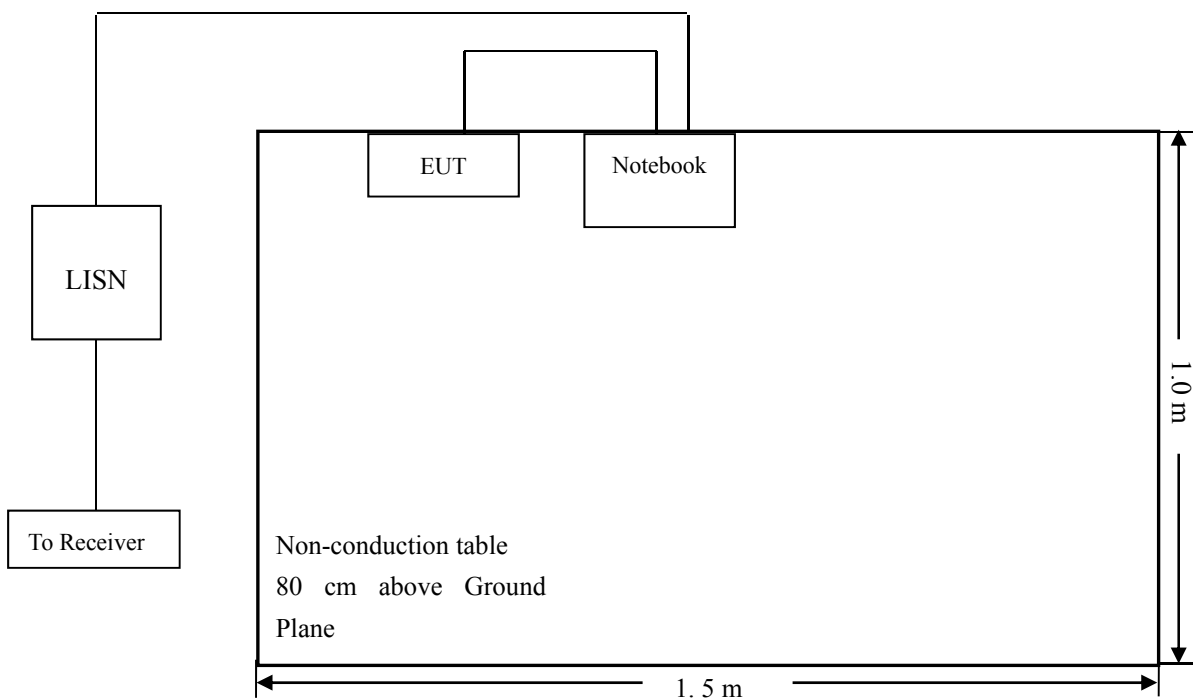
10. Conducted Emissions

10.1 Test Procedure

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 Limit.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle. The spacing between the peripherals was 10 cm.

10.2 Basic Test Setup Block Diagram



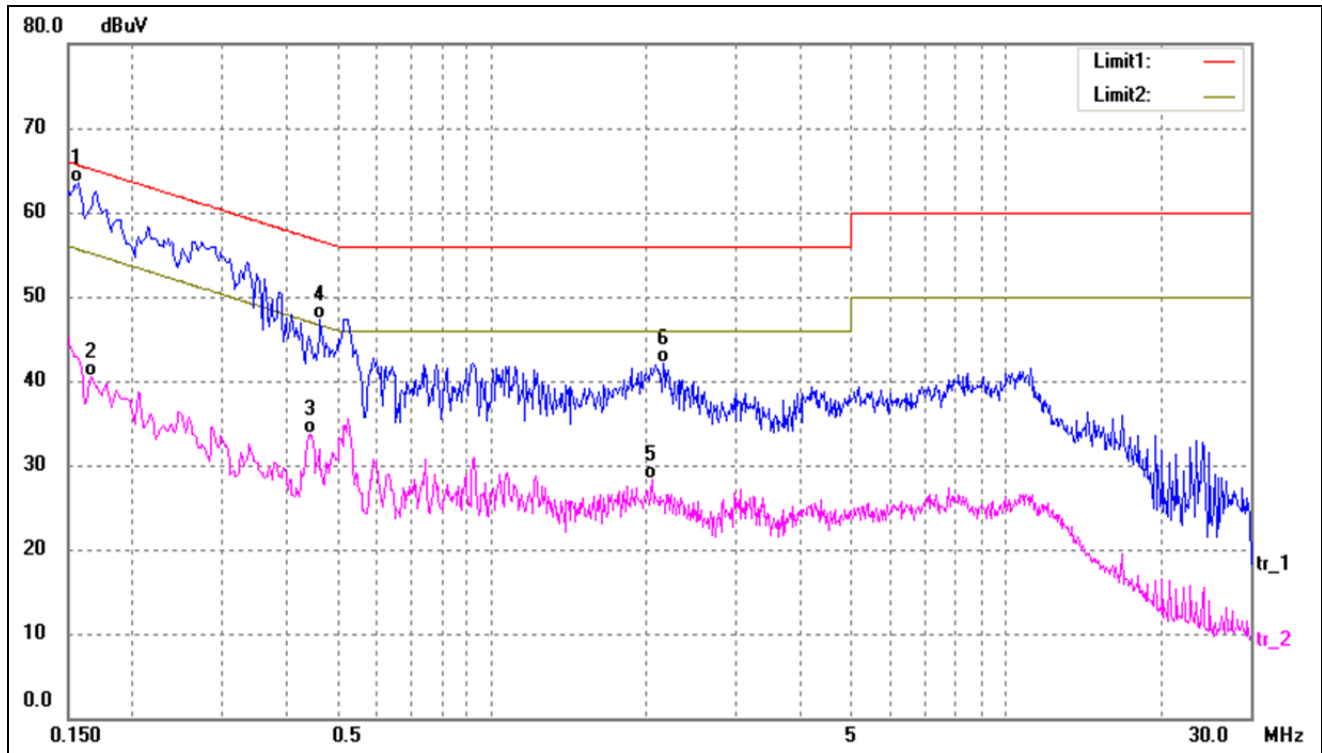
10.3 Test Receiver Setup

During the conducted emission test, the test receiver was set with the following configurations:

Start Frequency	150 kHz
Stop Frequency	30 MHz
Sweep Speed	Auto
IF Bandwidth.....	10 kHz
Quasi-Peak Adapter Bandwidth	9 kHz
Quasi-Peak Adapter Mode	Normal

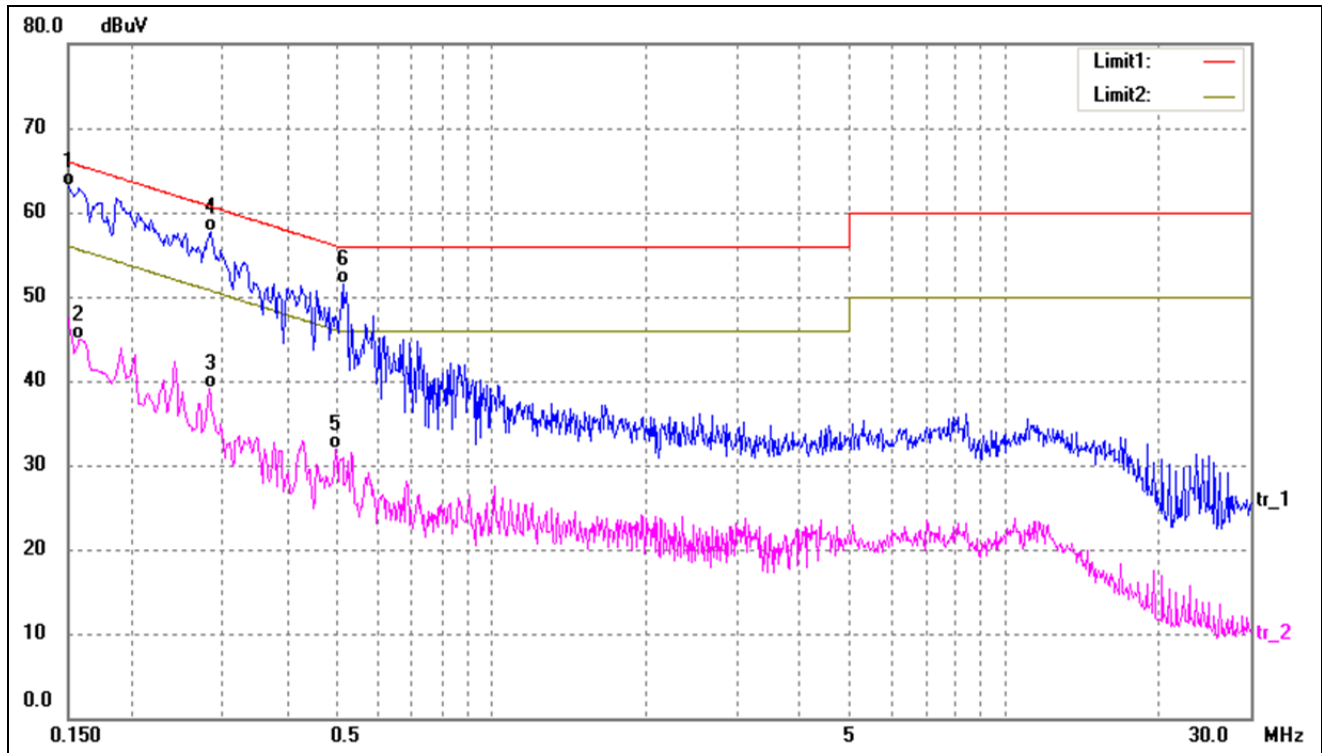
10.4 Summary of Test Results/Plots

Test Mode	Communication	AC120V 60Hz	Polarity:	Neutral
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1580	53.46	9.95	63.41	65.56	-2.15	QP
2	0.1660	30.58	9.95	40.53	55.15	-14.62	AVG
3	0.4460	23.62	10.01	33.63	46.95	-13.32	AVG
4	0.4660	37.36	10.02	47.38	56.58	-9.20	QP
5	2.0579	17.96	10.37	28.33	46.00	-17.67	AVG
6	2.1579	31.69	10.37	42.06	56.00	-13.94	QP

Test Mode	Communication	AC120V 60Hz	Polarity:	Line
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No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1*	0.1499	53.19	9.95	63.14	66.00	-2.86	QP
2	0.1580	34.97	9.95	44.92	55.56	-10.64	AVG
3	0.2818	29.12	10.01	39.13	50.76	-11.63	AVG
4	0.2832	47.61	10.01	57.62	60.72	-3.10	QP
5	0.4979	21.92	10.02	31.94	46.03	-14.09	AVG
6	0.5140	41.50	10.02	51.52	56.00	-4.48	QP

***** END OF REPORT *****