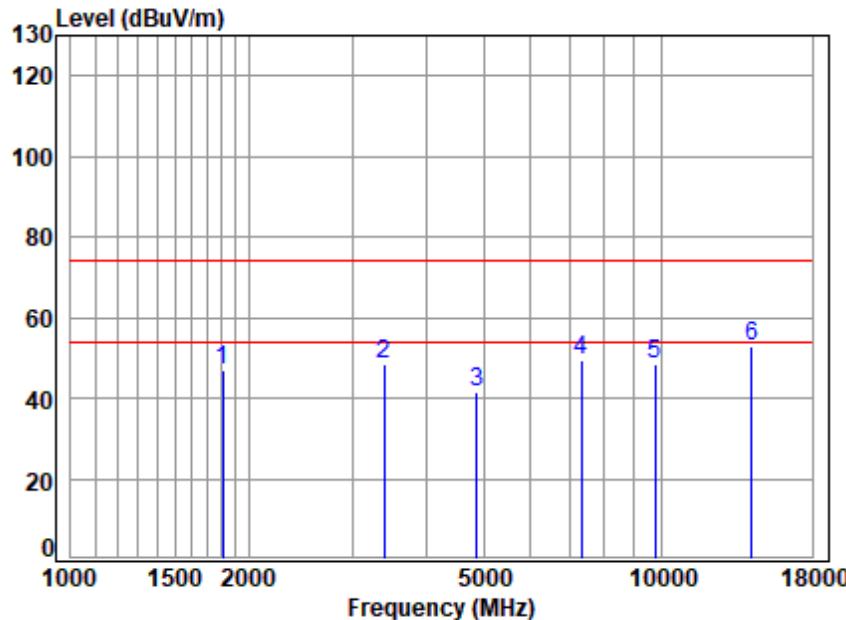


Test Mode: 04; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11B

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark	
								MHz	dB
1 1808.5510	4.41	25.24	53.01	70.46	47.10	74.00	-26.90	Peak	
2 3396.0980	6.74	28.68	52.97	66.23	48.68	74.00	-25.32	peak	
3 4874.0000	8.10	31.11	53.07	55.33	41.47	74.00	-32.53	peak	
4 7311.0000	8.34	36.18	53.53	58.59	49.58	74.00	-24.42	peak	
5 9748.0000	11.30	37.84	53.44	52.52	48.22	74.00	-25.78	peak	
6 14201.690	11.45	41.52	53.78	53.69	52.88	74.00	-21.12	Peak	

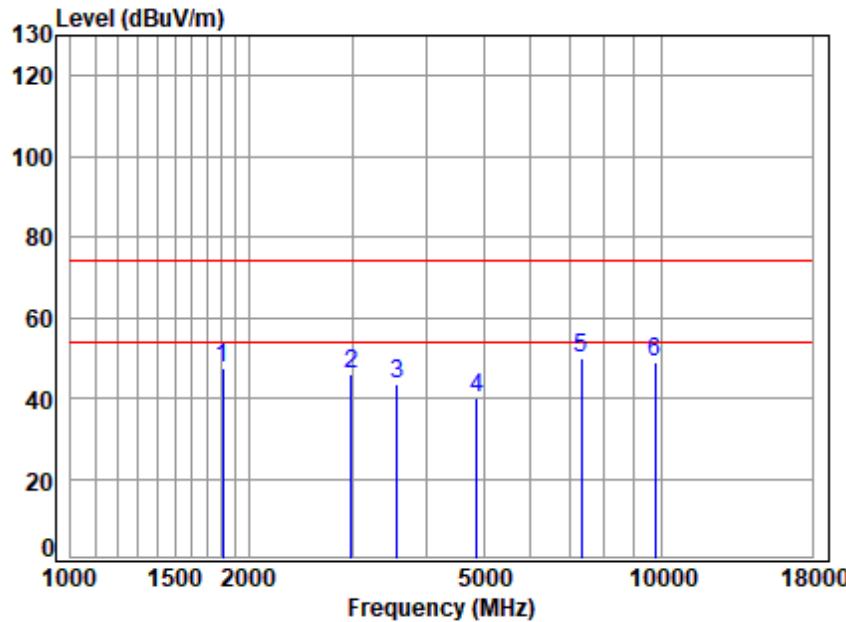
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Test Mode: 04; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11B

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1808.5510	4.41	25.24	53.01	70.64	47.28	74.00	-26.72 Peak
2 2990.5310	5.71	28.58	53.10	64.59	45.78	74.00	-28.22 Peak
3 3567.1380	7.06	28.81	52.92	60.77	43.72	74.00	-30.28 peak
4 4874.0000	8.10	31.11	53.07	53.68	39.82	74.00	-34.18 peak
5 7311.0000	8.34	36.18	53.53	58.90	49.89	74.00	-24.11 peak
6 9748.0000	11.30	37.84	53.44	53.02	48.72	74.00	-25.28 peak

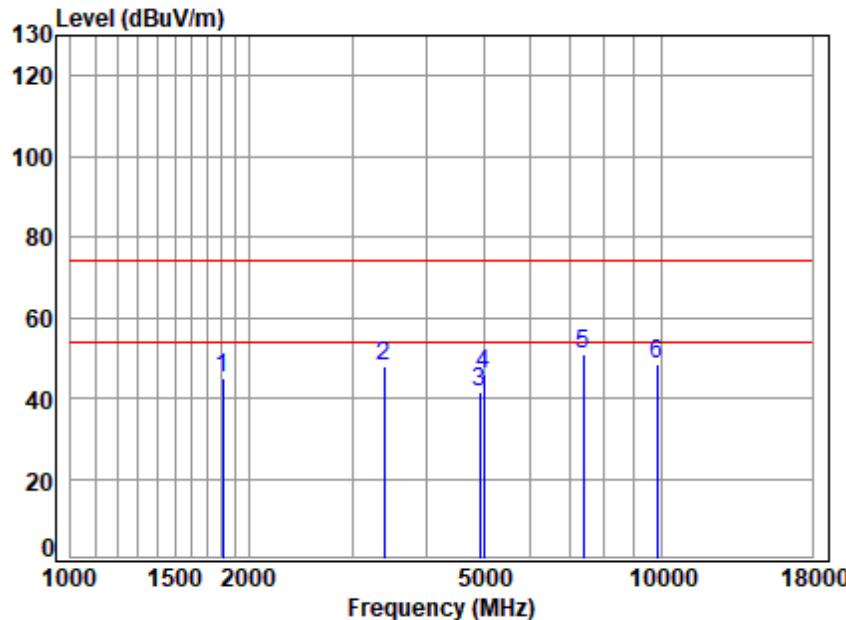
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2462 TX RSE
Note : 2.4G WIFI 11B

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1808.5510	4.41	25.24	53.01	68.26	44.90	74.00	-29.10 Peak
2 3396.0980	6.74	28.68	52.97	65.31	47.76	74.00	-26.24 peak
3 4924.0000	8.18	31.23	53.08	55.36	41.69	74.00	-32.31 peak
4 5002.4970	8.30	31.41	53.10	59.26	45.87	74.00	-28.13 peak
5 7386.0000	8.38	36.27	53.54	60.00	51.11	74.00	-22.89 peak
6 9848.0000	11.23	38.07	53.35	52.30	48.25	74.00	-25.75 peak

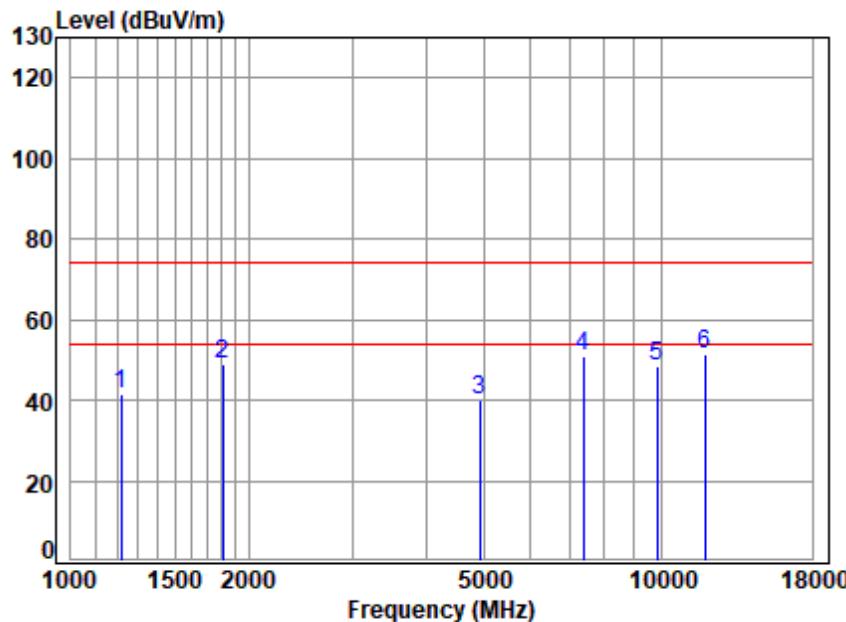
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Test Mode: 04; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2462 TX RSE
Note : 2.4G WIFI 11B

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		MHz	Loss	Factor	Level	Level	Line	
1	1217.1900	3.19	24.29	52.67	66.53	41.34	74.00	-32.66 peak
2	1808.5510	4.41	25.24	53.01	72.08	48.72	74.00	-25.28 Peak
3	4924.0000	8.18	31.23	53.08	53.85	40.18	74.00	-33.82 peak
4	7386.0000	8.38	36.27	53.54	59.95	51.06	74.00	-22.94 peak
5	9848.0000	11.23	38.07	53.35	52.33	48.28	74.00	-25.72 peak
6	11871.710	11.60	39.78	53.95	53.75	51.18	74.00	-22.82 Peak

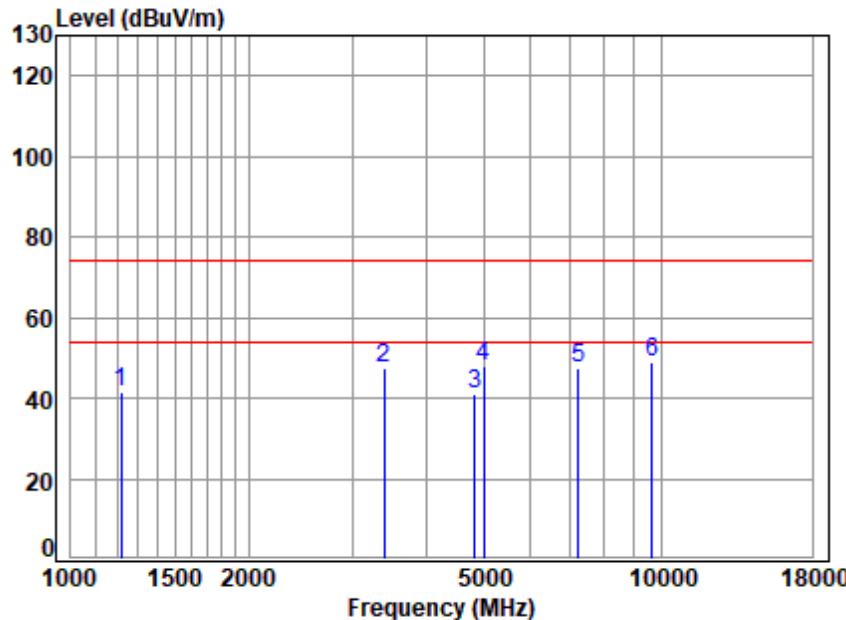
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2412 TX RSE
Note : 2.4G WIFI 11G

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1217.1900	3.19	24.29	52.67	66.88	41.69	74.00	-32.31 peak
2 3396.0980	6.74	28.68	52.97	65.04	47.49	74.00	-26.51 peak
3 4824.0000	8.02	30.99	53.05	55.23	41.19	74.00	-32.81 peak
4 5002.4970	8.30	31.41	53.10	61.25	47.86	74.00	-26.14 peak
5 7236.0000	8.31	36.09	53.52	56.81	47.69	74.00	-26.31 peak
6 9648.0000	11.38	37.62	53.54	53.61	49.07	74.00	-24.93 peak

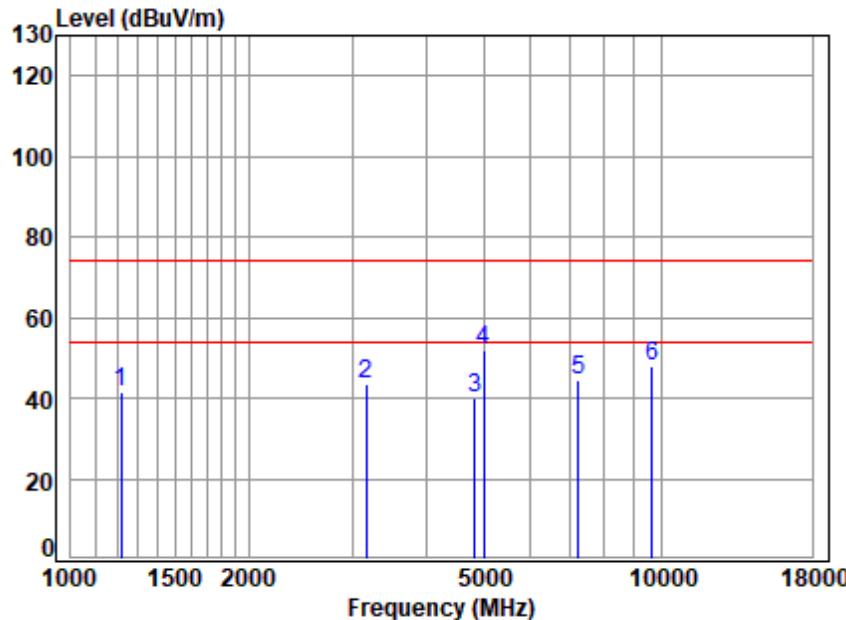
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Test Mode: 04; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2412 TX RSE
Note : 2.4G WIFI 11G

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
1 1217.1900	3.19	24.29	52.67	66.70	41.51	74.00	-32.49	peak
2 3168.5000	6.17	28.64	53.04	61.78	43.55	74.00	-30.45	peak
3 4824.0000	8.02	30.99	53.05	54.18	40.14	74.00	-33.86	peak
4 5002.4970	8.30	31.41	53.10	65.42	52.03	74.00	-21.97	peak
5 7236.0000	8.31	36.09	53.52	53.77	44.65	74.00	-29.35	peak
6 9648.0000	11.38	37.62	53.54	52.29	47.75	74.00	-26.25	peak

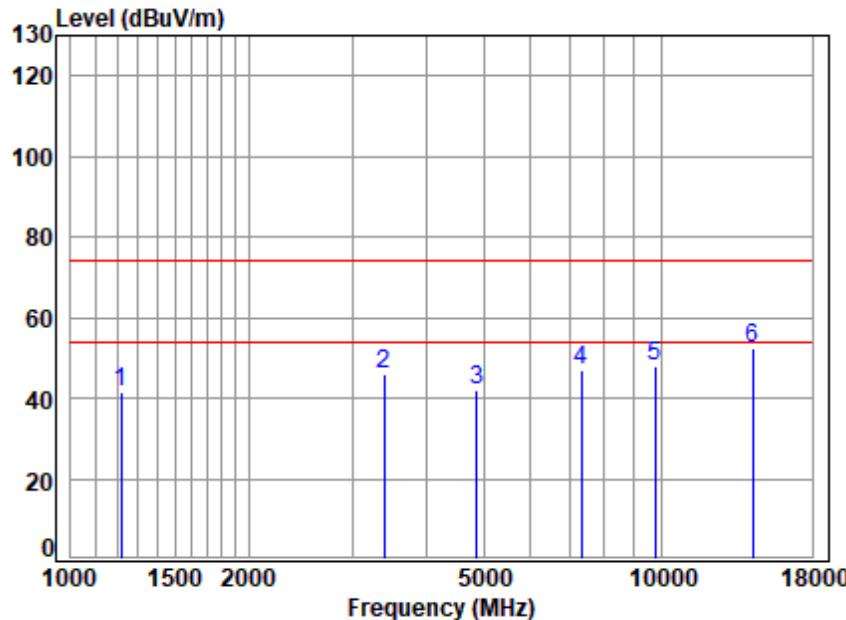
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11G

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
1 1217.1900	3.19	24.29	52.67	66.47	41.28	74.00	-32.72	peak
2 3396.0980	6.74	28.68	52.97	63.56	46.01	74.00	-27.99	Peak
3 4874.0000	8.10	31.11	53.07	55.64	41.78	74.00	-32.22	peak
4 7311.0000	8.34	36.18	53.53	55.99	46.98	74.00	-27.02	peak
5 9748.0000	11.30	37.84	53.44	52.01	47.71	74.00	-26.29	peak
6 14284.030	11.43	41.53	53.77	53.25	52.44	74.00	-21.56	Peak

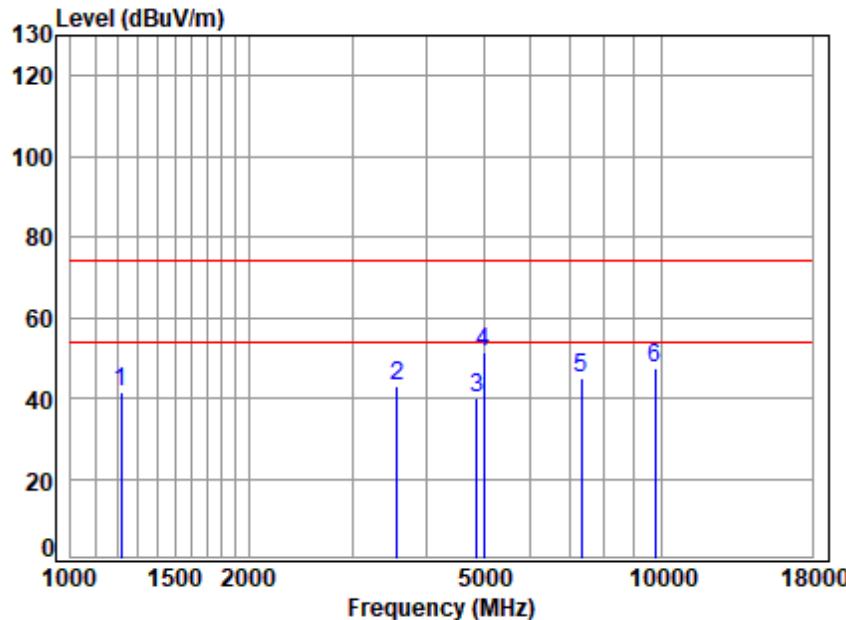
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Test Mode: 04; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11G

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
1 1217.1900	3.19	24.29	52.67	66.55	41.36	74.00	-32.64	peak
2 3567.1380	7.06	28.81	52.92	60.06	43.01	74.00	-30.99	peak
3 4874.0000	8.10	31.11	53.07	54.11	40.25	74.00	-33.75	peak
4 5002.4970	8.30	31.41	53.10	64.62	51.23	74.00	-22.77	peak
5 7311.0000	8.34	36.18	53.53	53.87	44.86	74.00	-29.14	peak
6 9748.0000	11.30	37.84	53.44	51.65	47.35	74.00	-26.65	peak

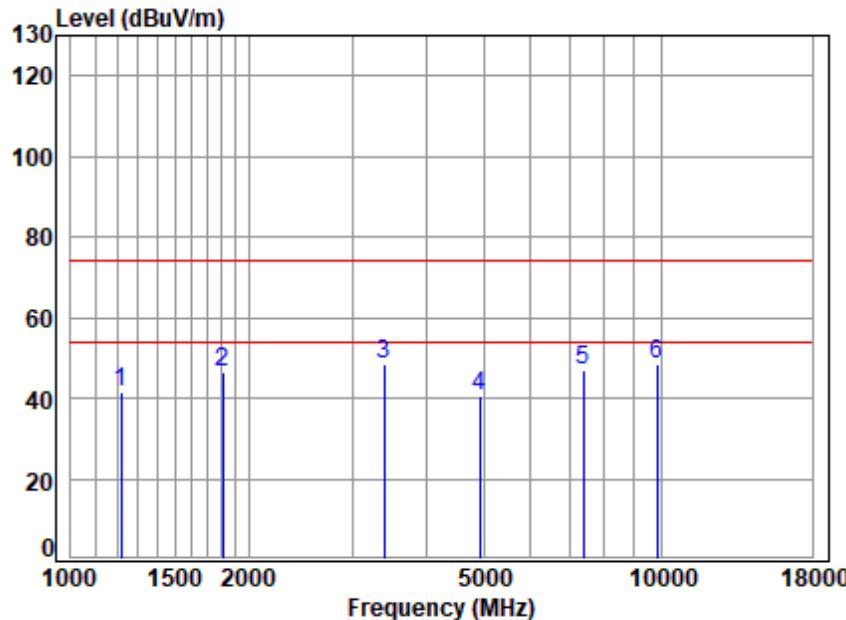
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2462 TX RSE
Note : 2.4G WIFI 11G

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1217.1900	3.19	24.29	52.67	66.65	41.46	74.00	-32.54 peak
2 1808.5510	4.41	25.24	53.01	69.86	46.50	74.00	-27.50 Peak
3 3396.0980	6.74	28.68	52.97	66.04	48.49	74.00	-25.51 peak
4 4924.0000	8.18	31.23	53.08	54.44	40.77	74.00	-33.23 peak
5 7386.0000	8.38	36.27	53.54	56.05	47.16	74.00	-26.84 peak
6 9848.0000	11.23	38.07	53.35	52.42	48.37	74.00	-25.63 peak

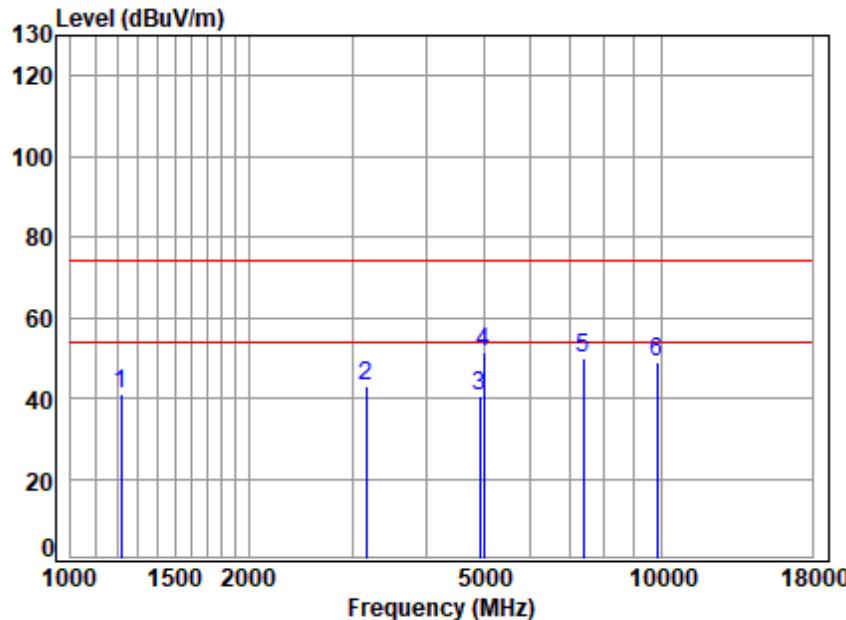
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Test Mode: 04; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2462 TX RSE
Note : 2.4G WIFI 11G

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1217.1900	3.19	24.29	52.67	66.37	41.18	74.00	-32.82 peak
2 3168.5000	6.17	28.64	53.04	61.33	43.10	74.00	-30.90 peak
3 4924.0000	8.18	31.23	53.08	54.09	40.42	74.00	-33.58 peak
4 5002.4970	8.30	31.41	53.10	64.77	51.38	74.00	-22.62 peak
5 7386.0000	8.38	36.27	53.54	58.74	49.85	74.00	-24.15 peak
6 9848.0000	11.23	38.07	53.35	52.93	48.88	74.00	-25.12 peak

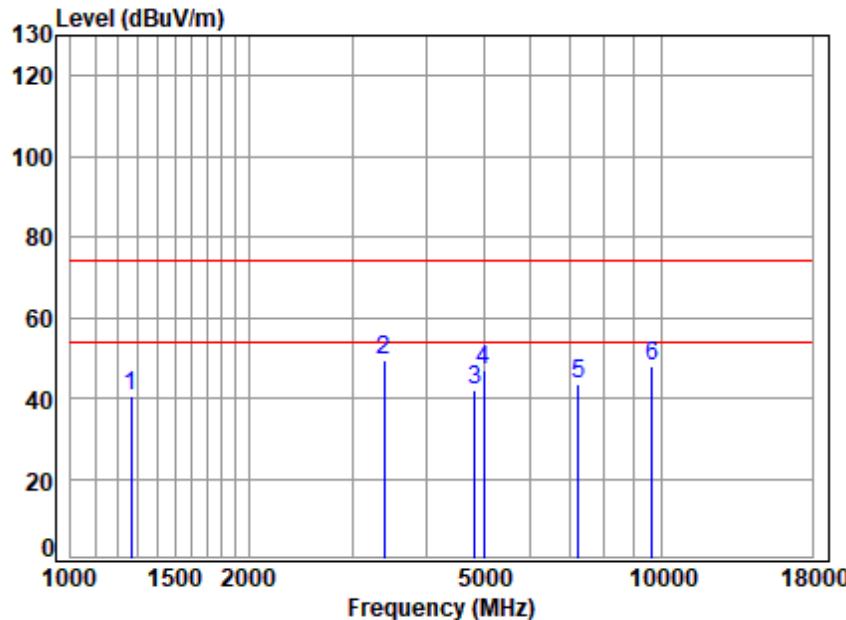
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2412 TX RSE
Note : 2.4G WIFI 11N20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
1 1263.7960	3.29	24.27	52.70	65.50	40.36	74.00	-33.64	peak
2 3396.0980	6.74	28.68	52.97	67.00	49.45	74.00	-24.55	peak
3 4824.0000	8.02	30.99	53.05	56.09	42.05	74.00	-31.95	peak
4 5002.4970	8.30	31.41	53.10	60.56	47.17	74.00	-26.83	peak
5 7236.0000	8.31	36.09	53.52	52.67	43.55	74.00	-30.45	peak
6 9648.0000	11.38	37.62	53.54	52.57	48.03	74.00	-25.97	peak

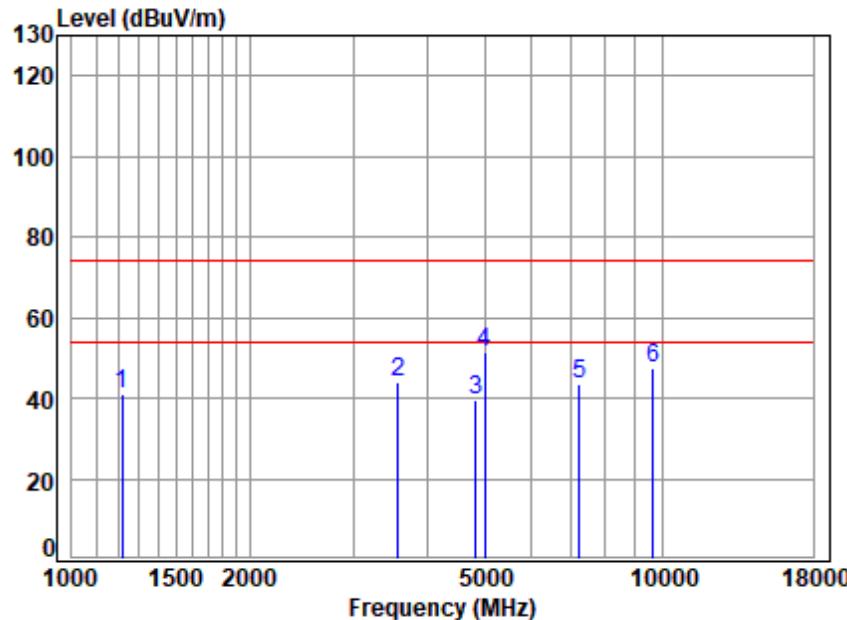
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2412 TX RSE
Note : 2.4G WIFI 11N20

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		MHz	Loss	Factor	Level	Level	Line	
1	1217.1900	3.19	24.29	52.67	66.38	41.19	74.00	-32.81 peak
2	3567.1380	7.06	28.81	52.92	61.27	44.22	74.00	-29.78 peak
3	4824.0000	8.02	30.99	53.05	53.62	39.58	74.00	-34.42 peak
4	5002.4970	8.30	31.41	53.10	64.69	51.30	74.00	-22.70 peak
5	7236.0000	8.31	36.09	53.52	52.58	43.46	74.00	-30.54 peak
6	9648.0000	11.38	37.62	53.54	52.02	47.48	74.00	-26.52 peak

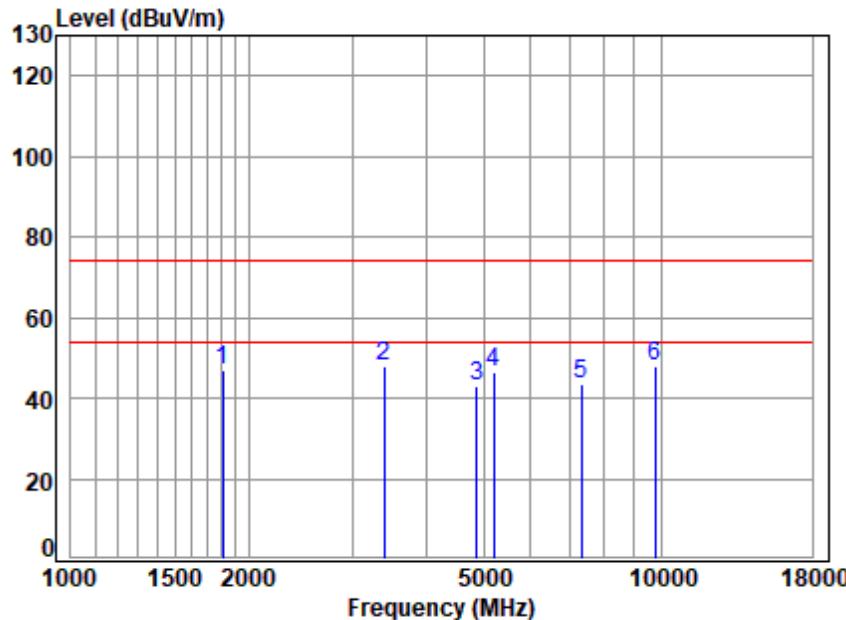
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11N20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1808.5510	4.41	25.24	53.01	70.18	46.82	74.00	-27.18 Peak
2 3396.0980	6.74	28.68	52.97	65.73	48.18	74.00	-25.82 peak
3 4874.0000	8.10	31.11	53.07	56.62	42.76	74.00	-31.24 peak
4 5209.0750	8.29	31.92	53.03	59.52	46.70	74.00	-27.30 Peak
5 7311.0000	8.34	36.18	53.53	52.47	43.46	74.00	-30.54 peak
6 9748.0000	11.30	37.84	53.44	52.16	47.86	74.00	-26.14 peak

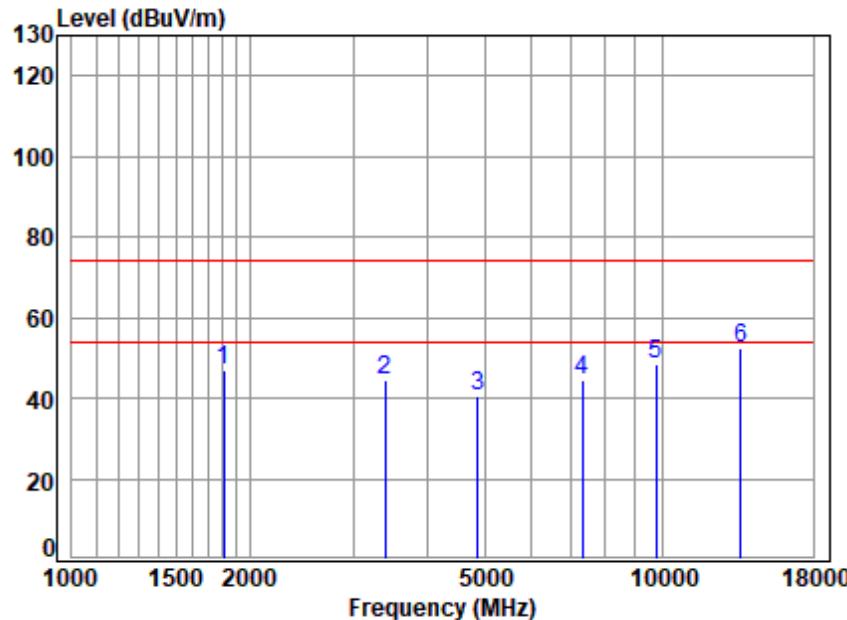
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11N20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 1808.5510	4.41	25.24	53.01	70.15	46.79	74.00	-27.21 Peak
2 3396.0980	6.74	28.68	52.97	61.93	44.38	74.00	-29.62 peak
3 4874.0000	8.10	31.11	53.07	54.59	40.73	74.00	-33.27 peak
4 7311.0000	8.34	36.18	53.53	53.36	44.35	74.00	-29.65 peak
5 9748.0000	11.30	37.84	53.44	52.75	48.45	74.00	-25.55 peak
6 13559.880	12.02	40.72	53.97	53.70	52.47	74.00	-21.53 Peak

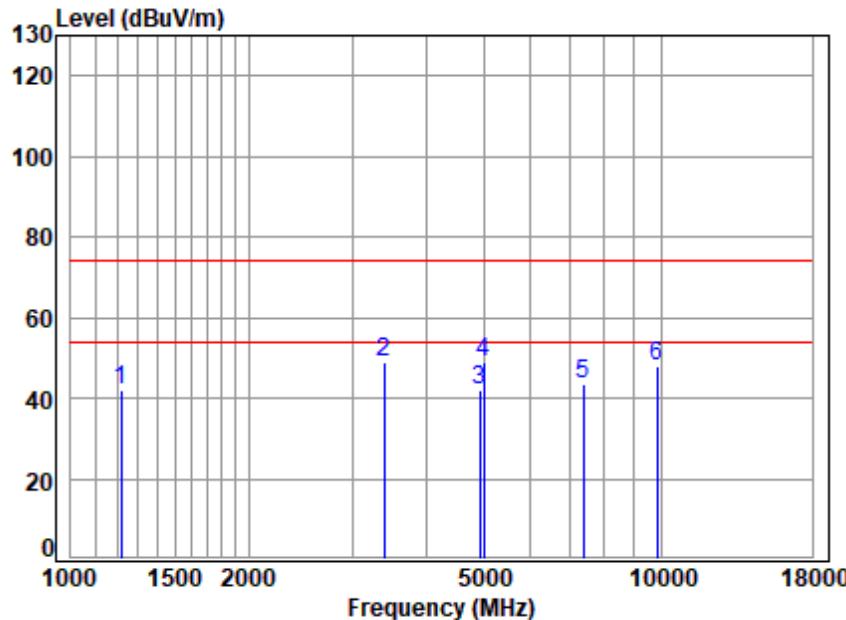
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2462 TX RSE
Note : 2.4G WIFI 11N20

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
1 1217.1900	3.19	24.29	52.67	67.45	42.26	74.00	-31.74	peak
2 3396.0980	6.74	28.68	52.97	66.48	48.93	74.00	-25.07	peak
3 4924.0000	8.18	31.23	53.08	55.64	41.97	74.00	-32.03	peak
4 5002.4970	8.30	31.41	53.10	62.13	48.74	74.00	-25.26	peak
5 7386.0000	8.38	36.27	53.54	52.24	43.35	74.00	-30.65	peak
6 9848.0000	11.23	38.07	53.35	51.88	47.83	74.00	-26.17	peak

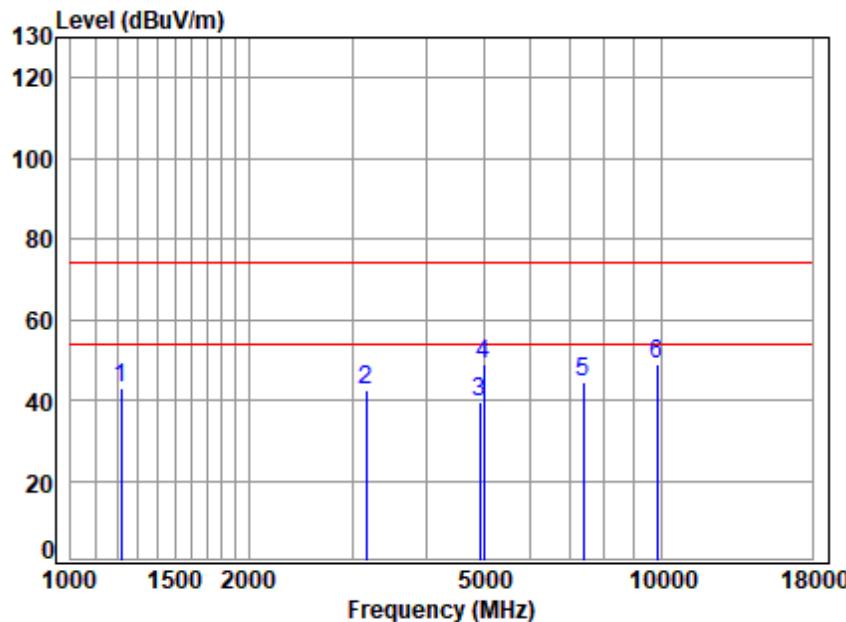
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2462 TX RSE
Note : 2.4G WIFI 11N20

	Freq	Cable	Ant	Preamp	Read	Limit	Over	Remark
		MHz	Loss	Factor	Level	Level	Line	
1	1217.1900	3.19	24.29	52.67	68.09	42.90	74.00	-31.10 peak
2	3168.5000	6.17	28.64	53.04	60.88	42.65	74.00	-31.35 peak
3	4924.0000	8.18	31.23	53.08	53.41	39.74	74.00	-34.26 peak
4	5002.4970	8.30	31.41	53.10	62.18	48.79	74.00	-25.21 peak
5	7386.0000	8.38	36.27	53.54	53.55	44.66	74.00	-29.34 peak
6	9848.0000	11.23	38.07	53.35	52.76	48.71	74.00	-25.29 peak

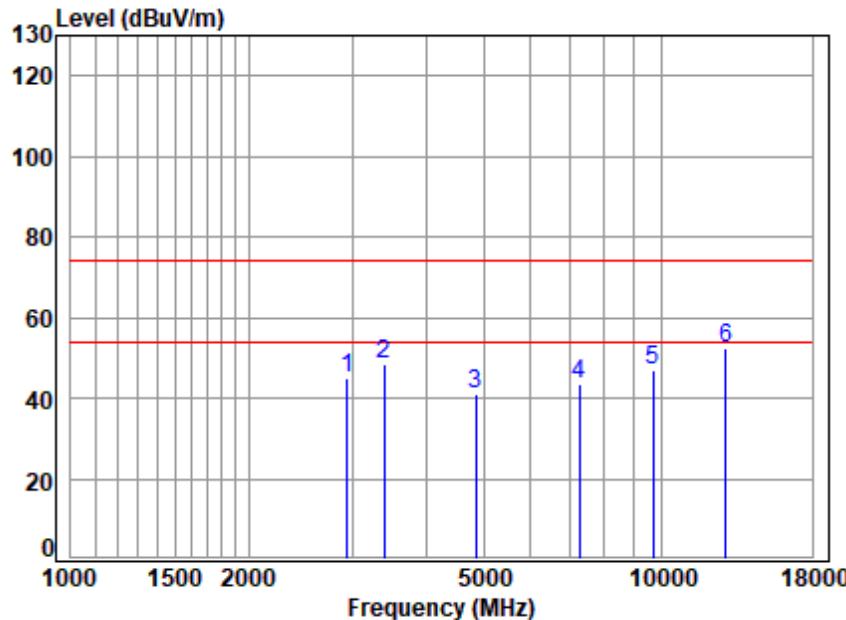
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2422 TX RSE
Note : 2.4G WIFI 11N40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read	Limit Line	Over Limit	Remark
				Level			
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB
1 2939.1150	5.65	28.47	53.10	64.16	45.18	74.00	-28.82 Peak
2 3396.0980	6.74	28.68	52.97	66.00	48.45	74.00	-25.55 peak
3 4844.0000	8.05	31.04	53.06	55.03	41.06	74.00	-32.94 peak
4 7266.0000	8.32	36.12	53.53	52.41	43.32	74.00	-30.68 peak
5 9688.0000	11.35	37.71	53.50	51.22	46.78	74.00	-27.22 peak
6 12835.290	12.48	39.72	54.17	54.23	52.26	74.00	-21.74 Peak

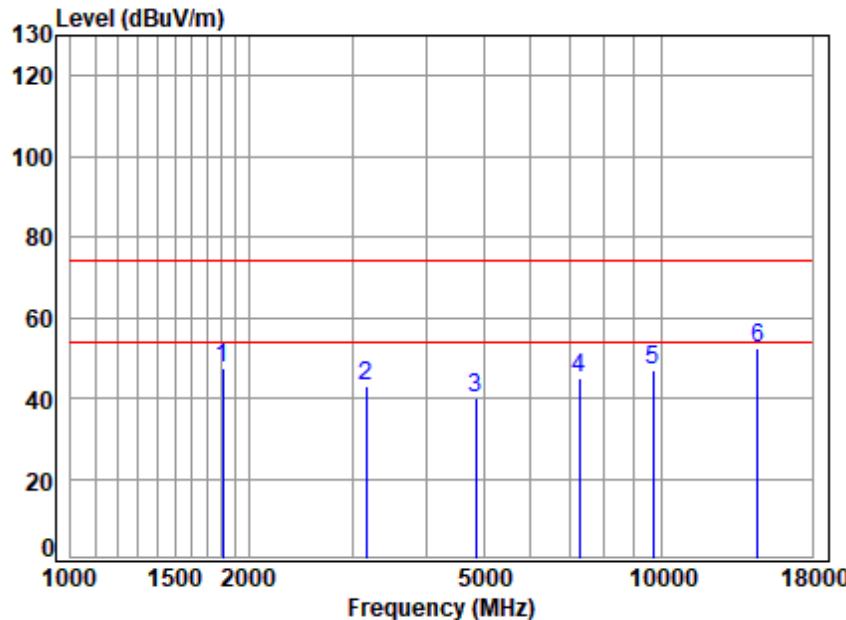
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2422 TX RSE
Note : 2.4G WIFI 11N40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 1808.5510	4.41	25.24	53.01	70.81	47.45	74.00	-26.55	Peak
2 3168.5000	6.17	28.64	53.04	61.15	42.92	74.00	-31.08	peak
3 4844.0000	8.05	31.04	53.06	53.94	39.97	74.00	-34.03	peak
4 7266.0000	8.32	36.12	53.53	53.97	44.88	74.00	-29.12	peak
5 9688.0000	11.35	37.71	53.50	51.49	47.05	74.00	-26.95	peak
6 14575.970	11.55	41.56	53.74	52.98	52.35	74.00	-21.65	Peak

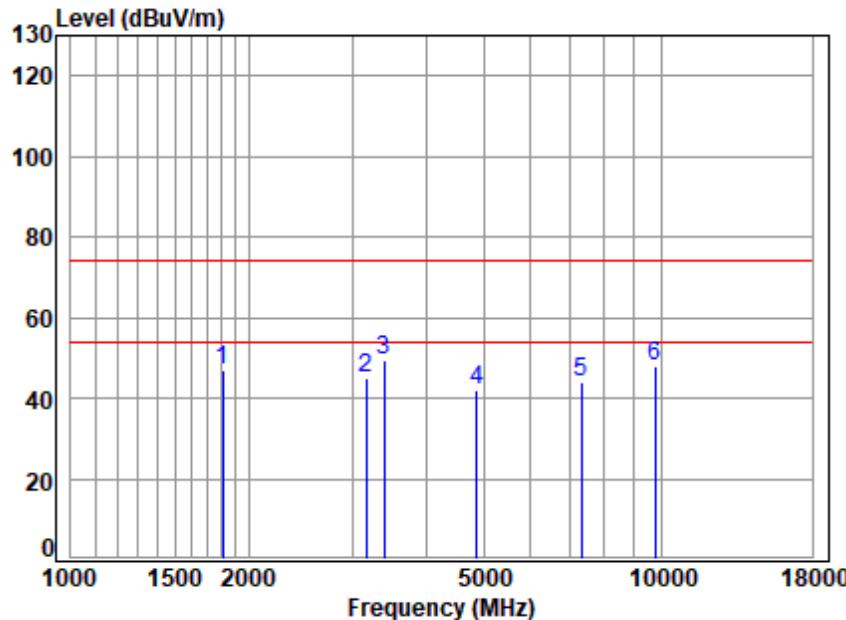
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11N40

Freq	Cable Loss		Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	Remark
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dBuV/m	
1	1808.5510	4.41	25.24	53.01	70.28	46.92	74.00	-27.08	Peak
2	3168.5000	6.17	28.64	53.04	63.39	45.16	74.00	-28.84	Peak
3	3396.0980	6.74	28.68	52.97	66.87	49.32	74.00	-24.68	peak
4	4874.0000	8.10	31.11	53.07	55.85	41.99	74.00	-32.01	peak
5	7311.0000	8.34	36.18	53.53	52.81	43.80	74.00	-30.20	peak
6	9748.0000	11.30	37.84	53.44	52.20	47.90	74.00	-26.10	peak

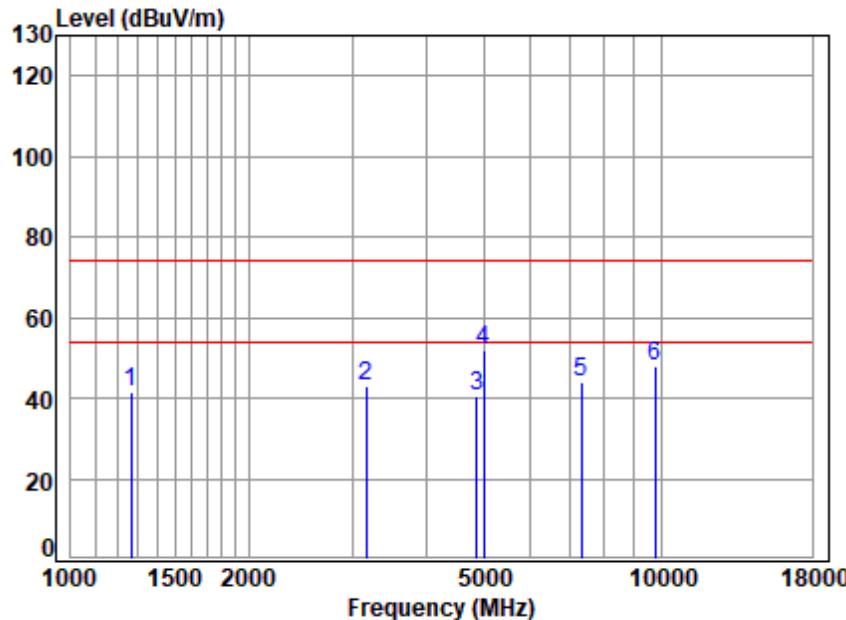
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2437 TX RSE
Note : 2.4G WIFI 11N40

Freq	Cable Loss		Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m		dB	dBuV	dBuV/m	dBuV/m	dB
1	1263.7960	3.29	24.27	52.70	66.67	41.53	74.00	-32.47	peak
2	3168.5000	6.17	28.64	53.04	61.16	42.93	74.00	-31.07	peak
3	4874.0000	8.10	31.11	53.07	54.24	40.38	74.00	-33.62	peak
4	5002.4970	8.30	31.41	53.10	65.26	51.87	74.00	-22.13	peak
5	7311.0000	8.34	36.18	53.53	53.22	44.21	74.00	-29.79	peak
6	9748.0000	11.30	37.84	53.44	52.39	48.09	74.00	-25.91	peak

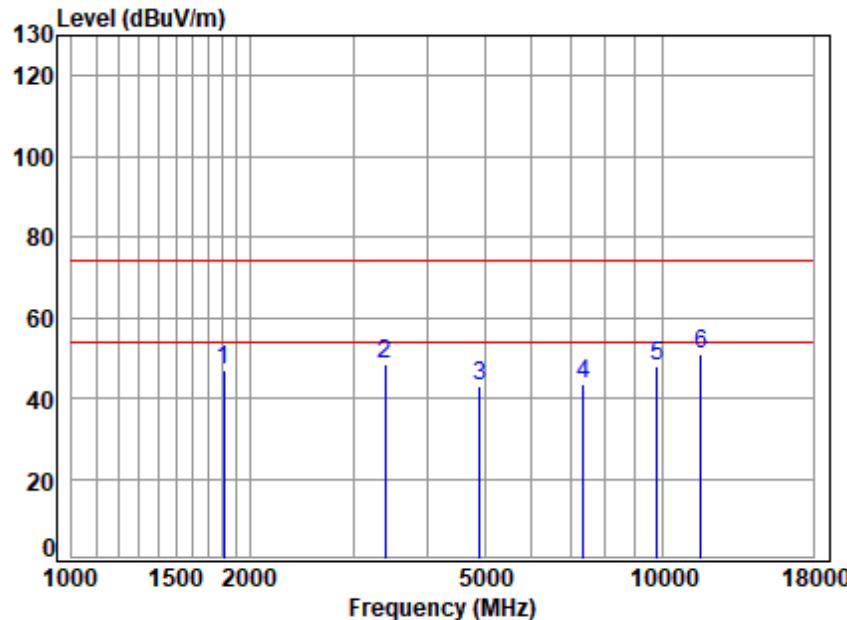
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00170AT/00171AT
Mode : 2452 TX RSE
Note : 2.4G WIFI 11N40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
1 1808.5510	4.41	25.24	53.01	70.23	46.87	74.00	-27.13	Peak
2 3396.0980	6.74	28.68	52.97	65.98	48.43	74.00	-25.57	peak
3 4904.0000	8.15	31.18	53.07	56.54	42.80	74.00	-31.20	peak
4 7356.0000	8.36	36.23	53.54	52.39	43.44	74.00	-30.56	peak
5 9808.0000	11.26	37.98	53.38	52.23	48.09	74.00	-25.91	peak
6 11633.930	11.60	39.73	53.86	53.62	51.09	74.00	-22.91	Peak

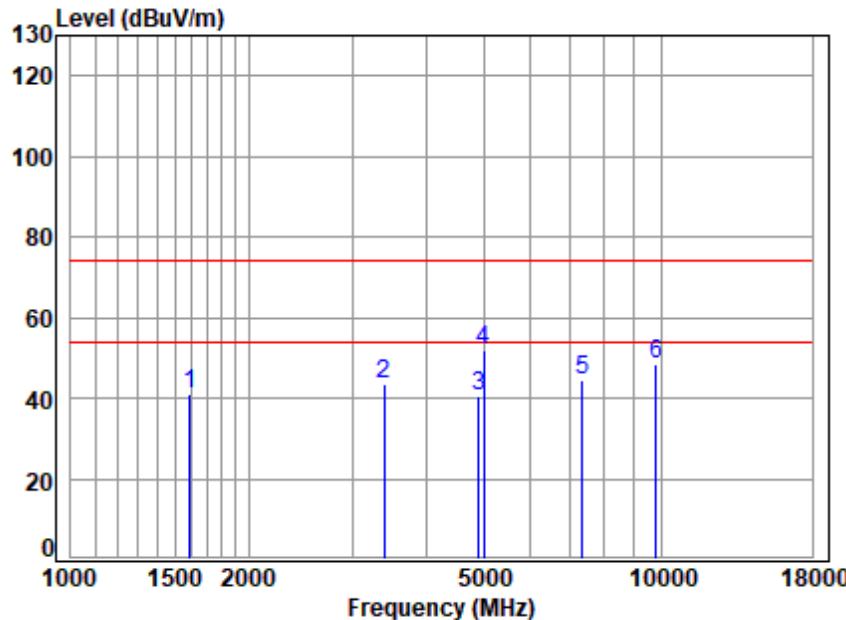
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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00170AT/00171AT
Mode : 2452 TX RSE
Note : 2.4G WIFI 11N40

Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Limit Level	Limit Line	Over	
							dB	Remark
MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1 1592.5710	3.97	24.78	52.90	65.41	41.26	74.00	-32.74	peak
2 3396.0980	6.74	28.68	52.97	61.03	43.48	74.00	-30.52	peak
3 4904.0000	8.15	31.18	53.07	54.15	40.41	74.00	-33.59	peak
4 5002.4970	8.30	31.41	53.10	65.53	52.14	74.00	-21.86	peak
5 7356.0000	8.36	36.23	53.54	53.26	44.31	74.00	-29.69	peak
6 9808.0000	11.26	37.98	53.38	52.38	48.24	74.00	-25.76	peak

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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for FYCR2205000170AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for FYCR2205000170AT

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10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	12.417	12.713	97.67	0.10	0.03
		2437	12.417	12.714	97.66	0.10	0.03
		2462	12.417	12.713	97.67	0.10	0.03
802.11g	SISO	2412	2.066	2.368	87.25	0.59	0.06
		2437	2.065	2.367	87.24	0.59	0.03
		2462	2.064	2.367	87.20	0.59	0.03
802.11n (HT20)	SISO	2412	1.921	2.222	86.45	0.63	0.04
		2437	1.920	2.223	86.37	0.64	0.04
		2462	1.921	2.224	86.38	0.64	0.07
802.11n (HT40)	SISO	2422	0.944	1.247	75.70	1.21	0.03
		2437	0.943	1.246	75.68	1.21	0.03
		2452	0.944	1.247	75.70	1.21	0.03

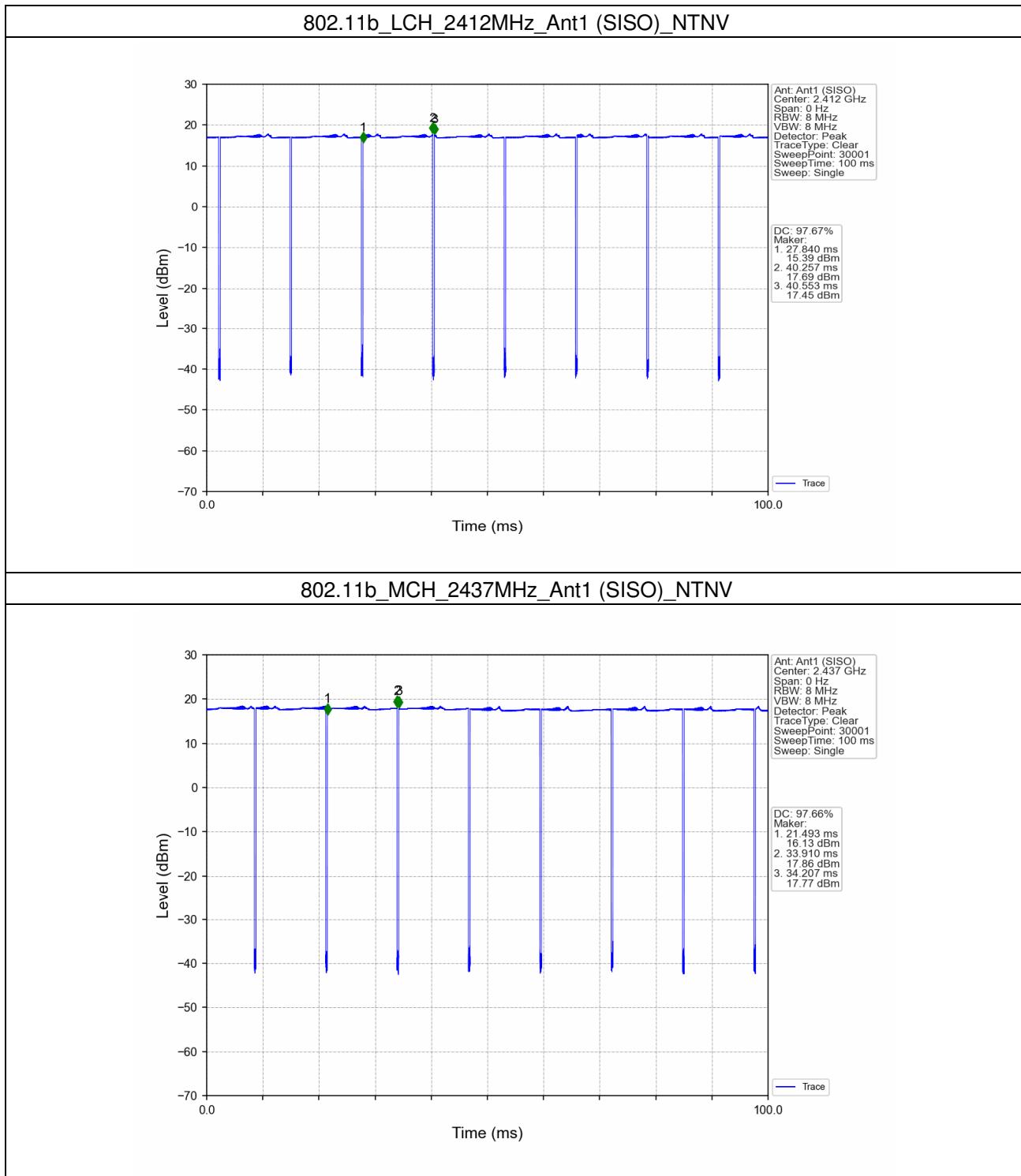
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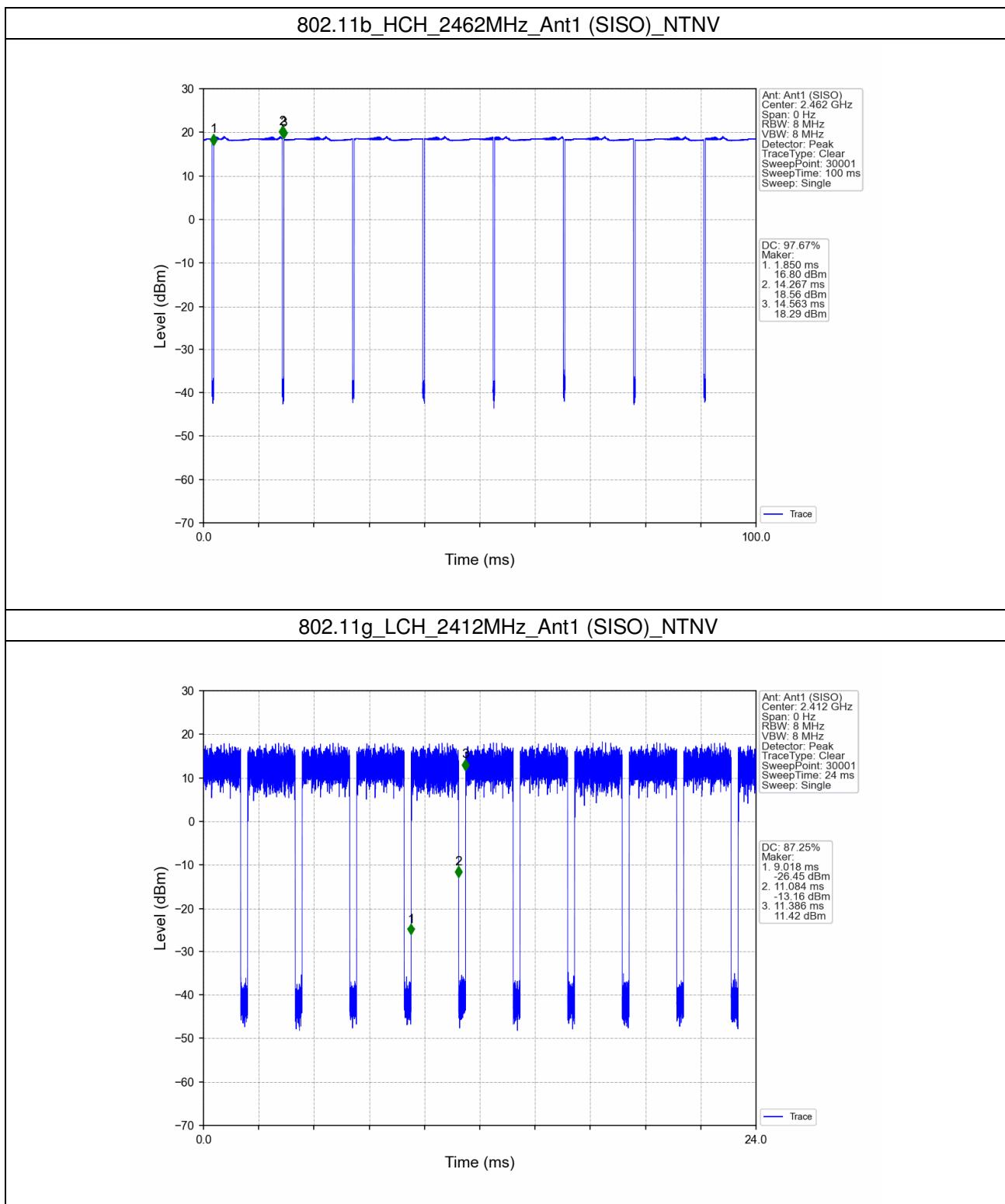
1.1.2 Test Graph



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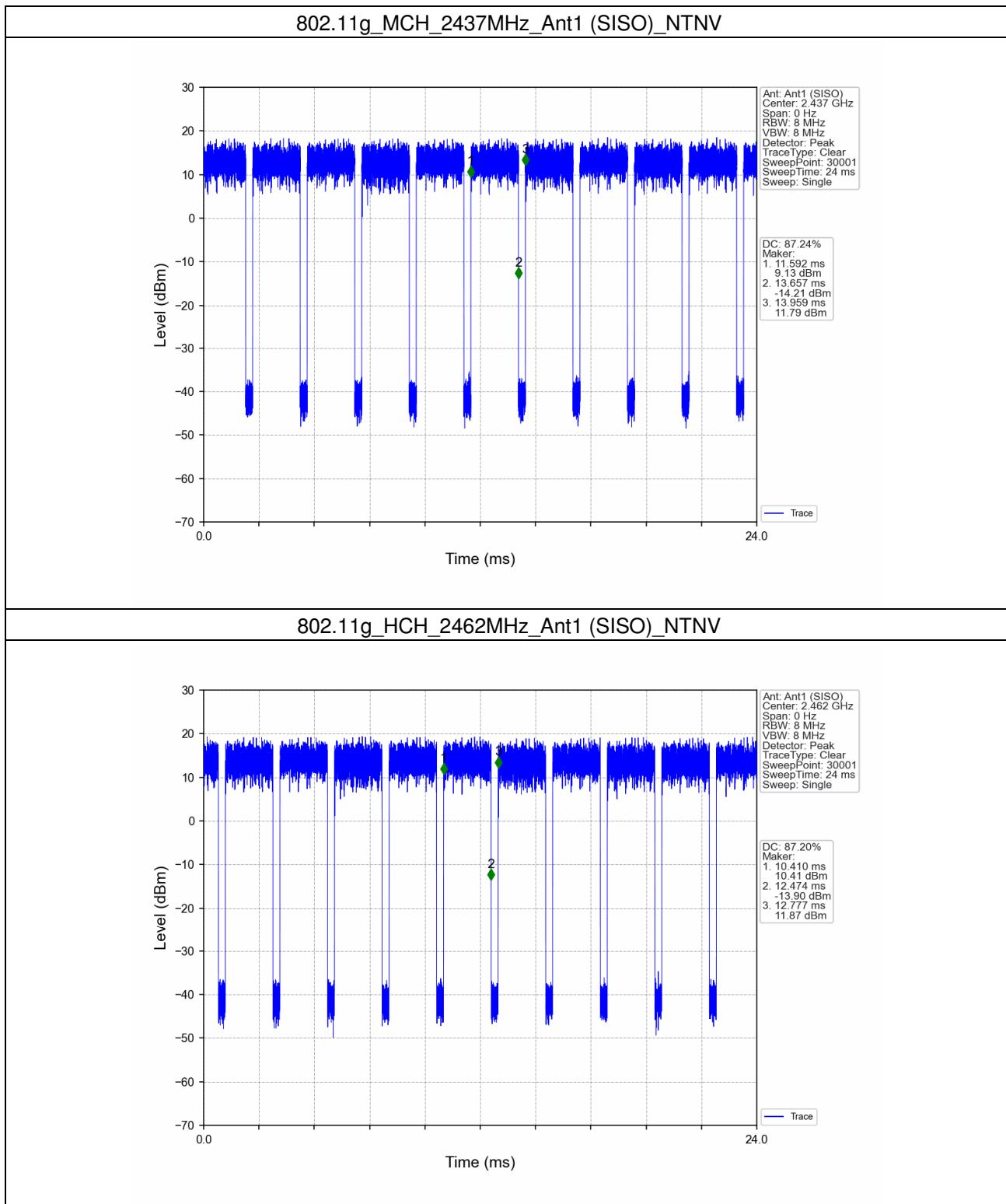
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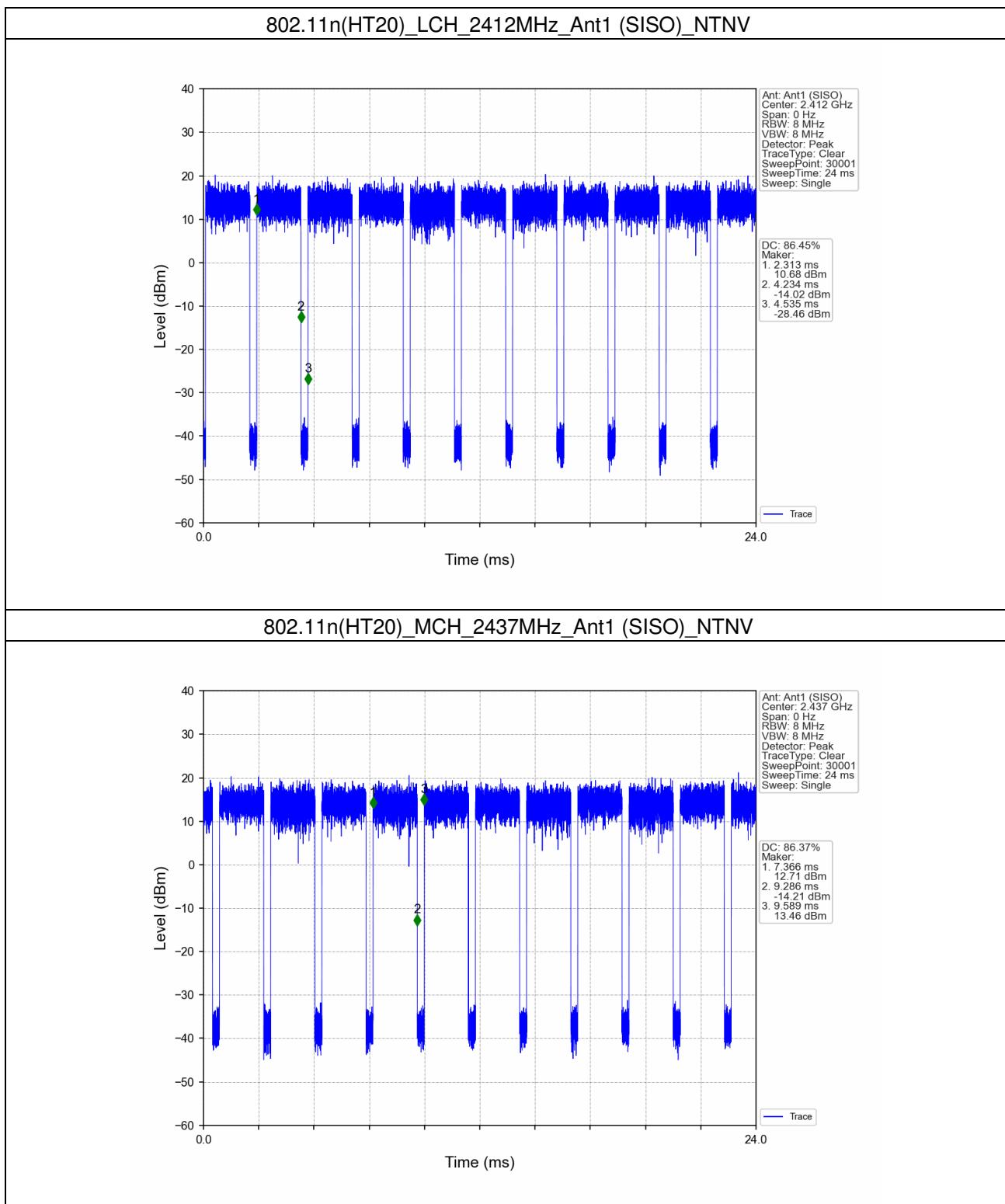
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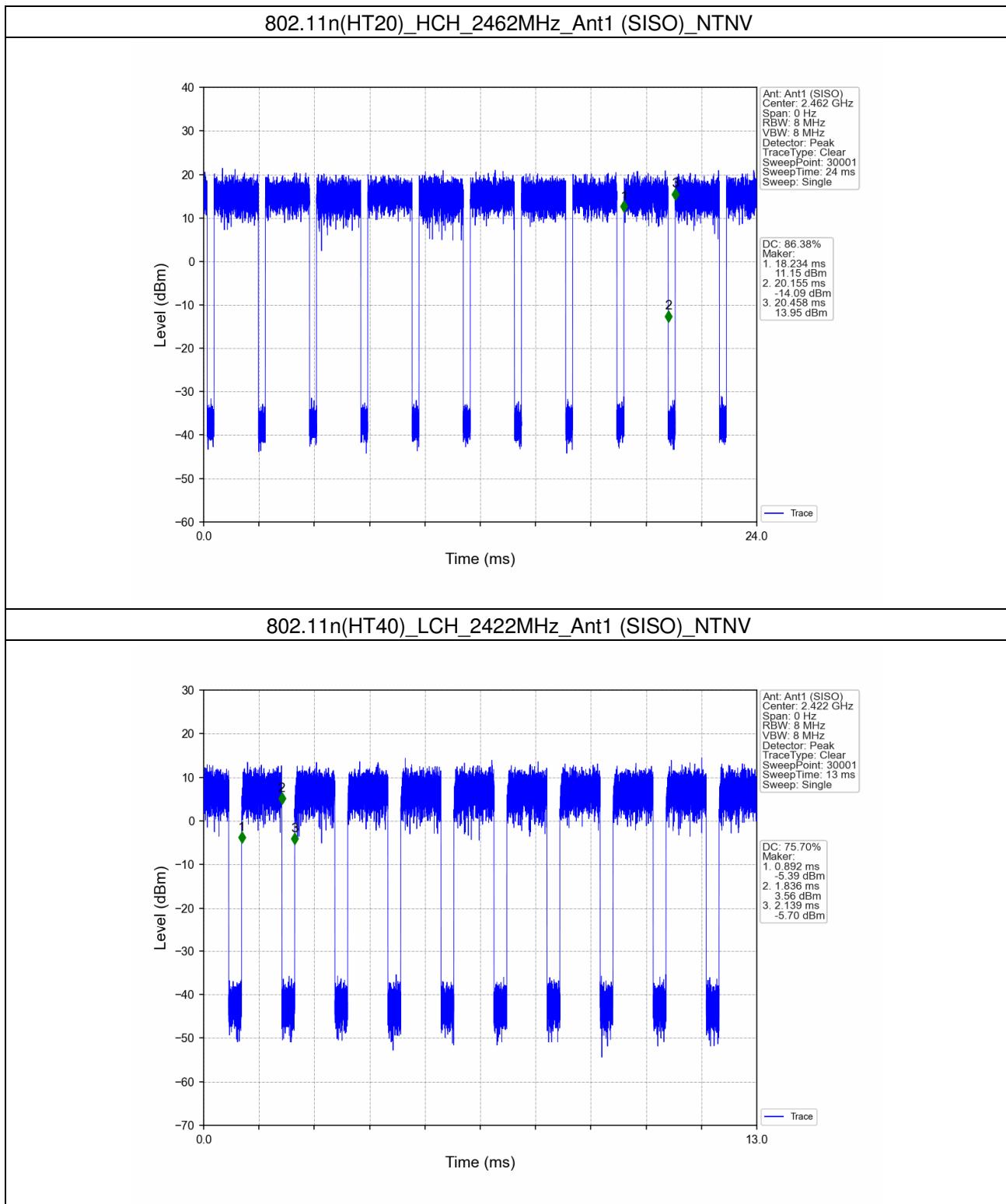


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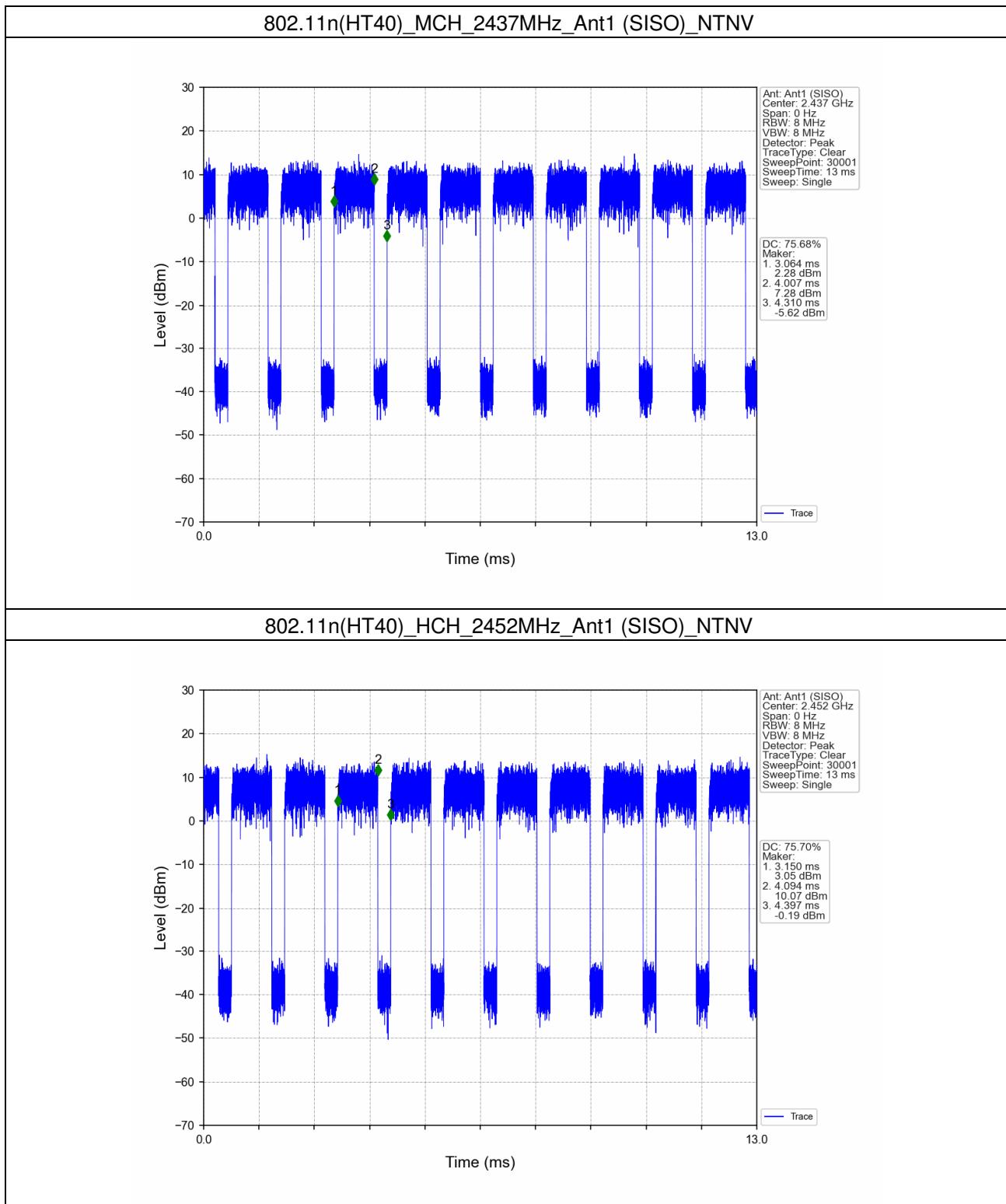
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2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result		
802.11b	SISO	2412	1	11.684		Pass
		2437	1	11.727		Pass
		2462	1	11.782		Pass
802.11g	SISO	2412	1	17.699		Pass
		2437	1	17.675		Pass
		2462	1	17.452		Pass
802.11n (HT20)	SISO	2412	1	18.688		Pass
		2437	1	18.684		Pass
		2462	1	18.502		Pass
802.11n (HT40)	SISO	2422	1	36.333		Pass
		2437	1	36.319		Pass
		2452	1	36.329		Pass

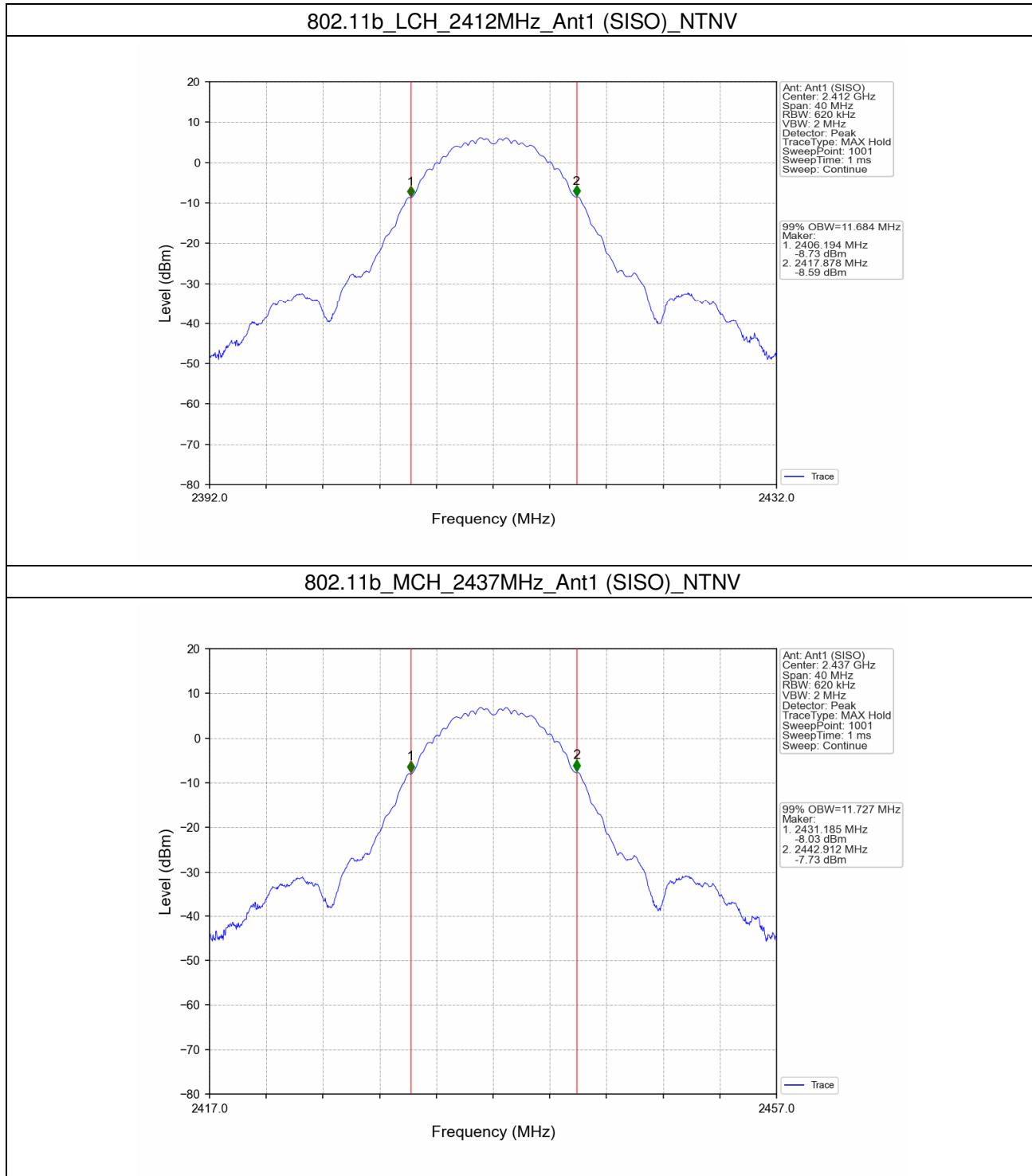
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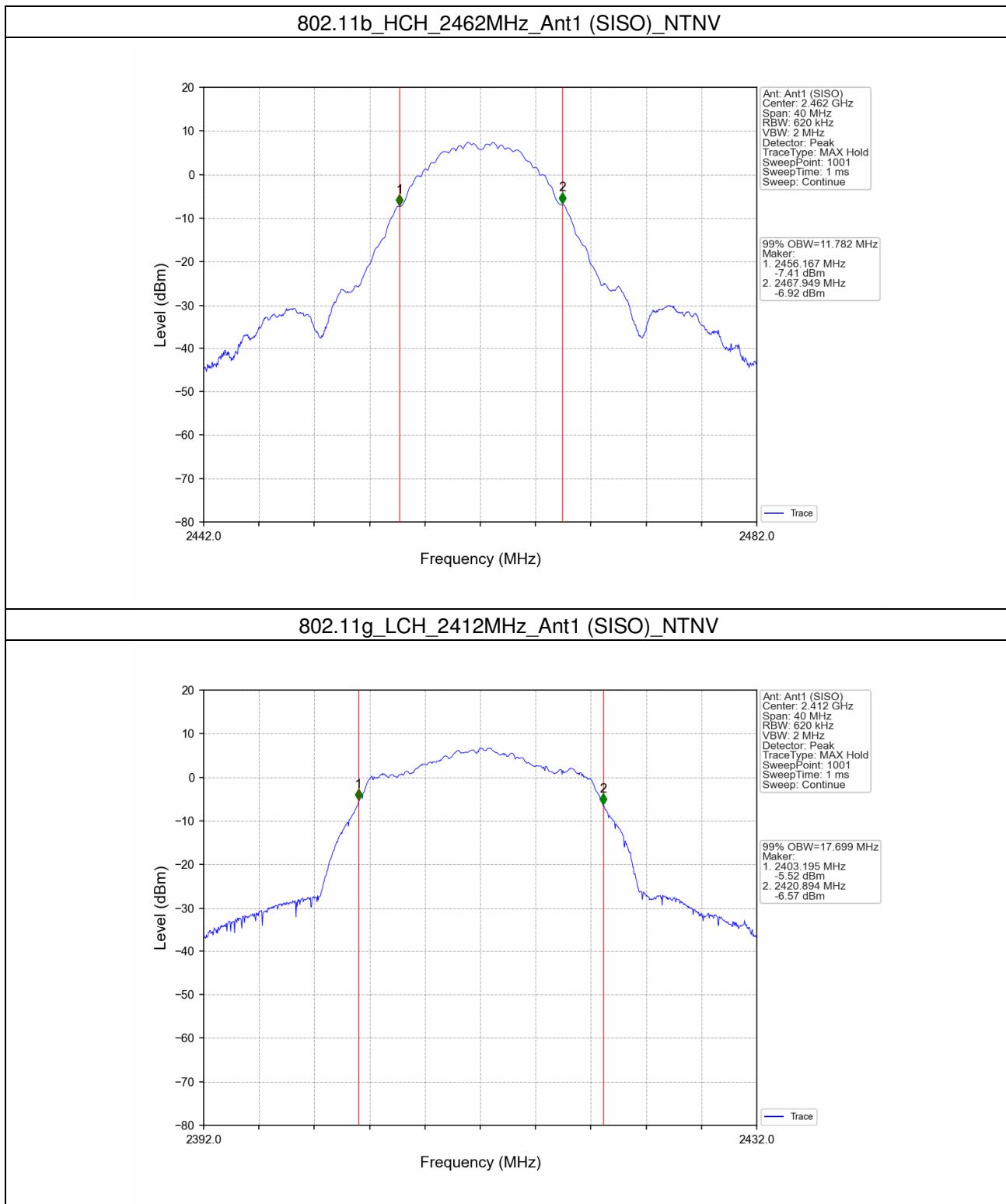
2.1.2 Test Graph



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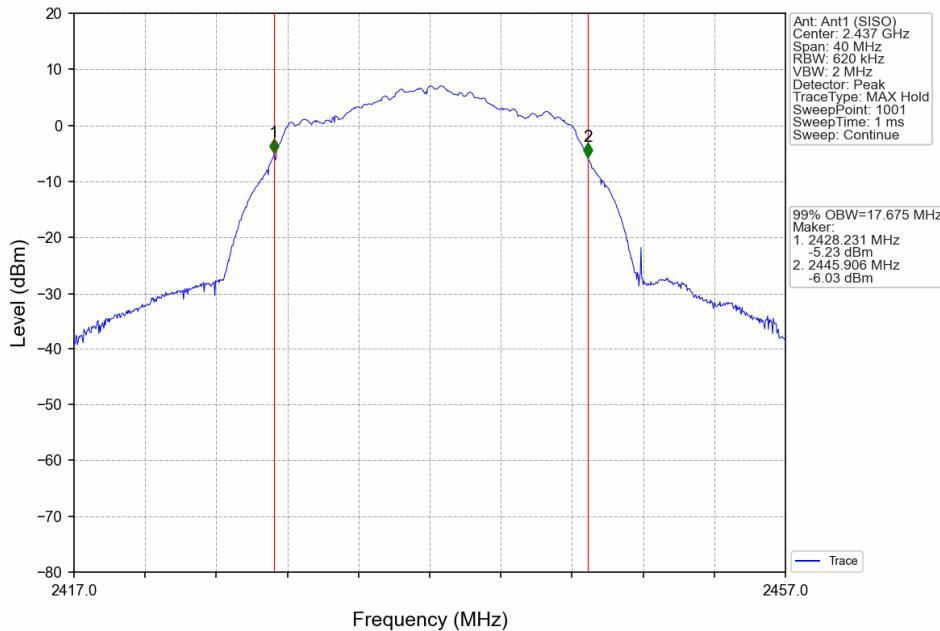
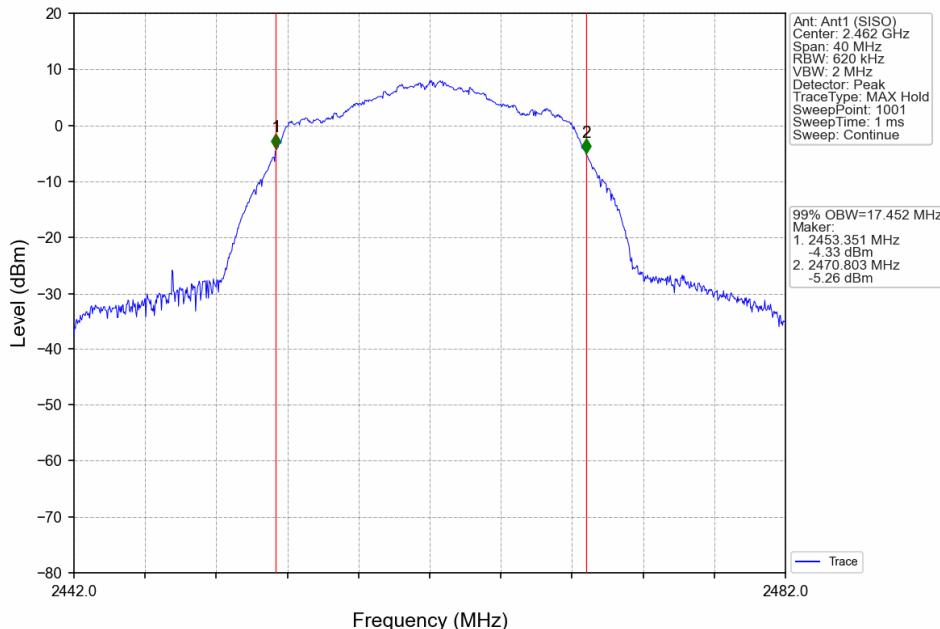
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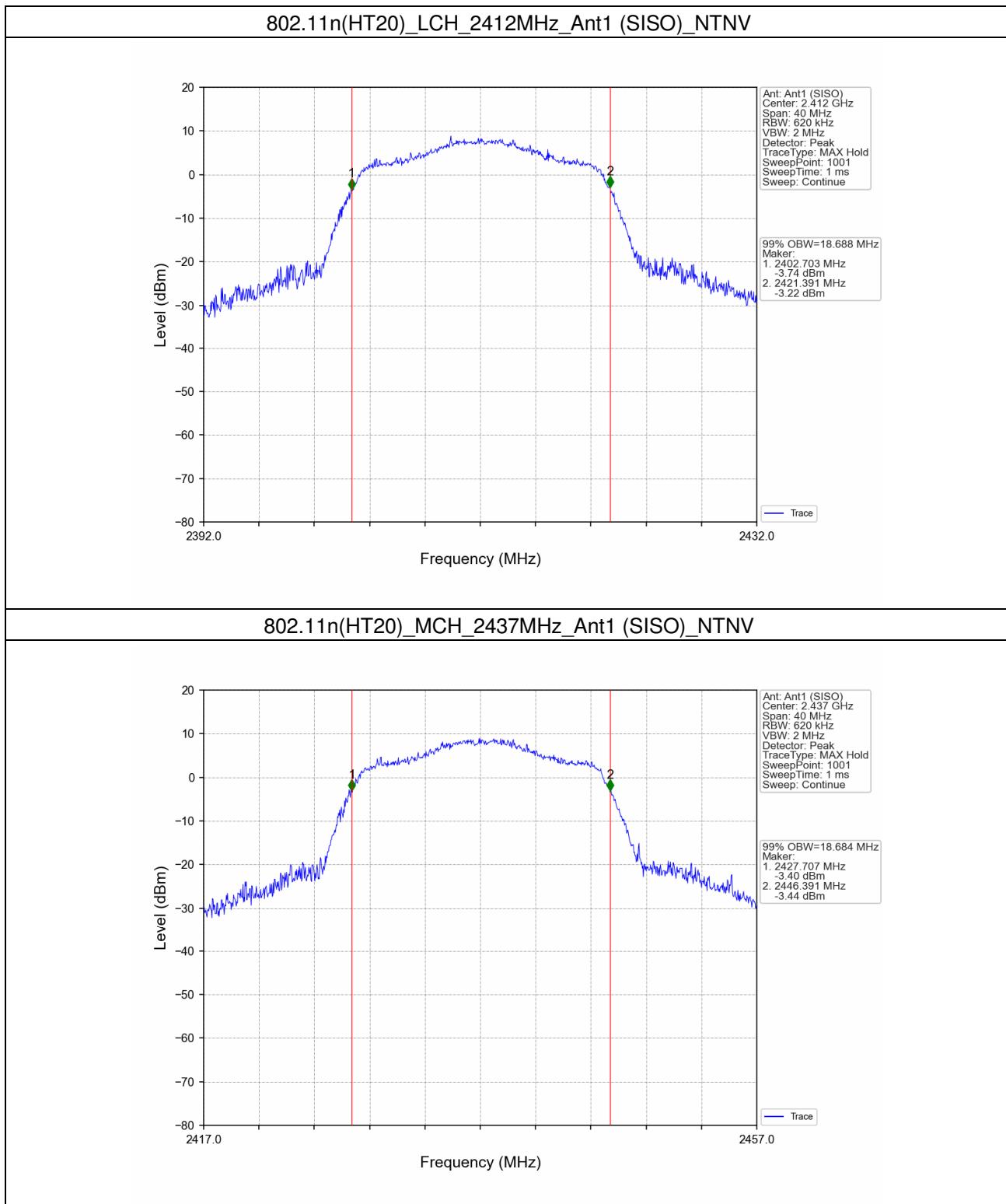
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802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV**802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV**

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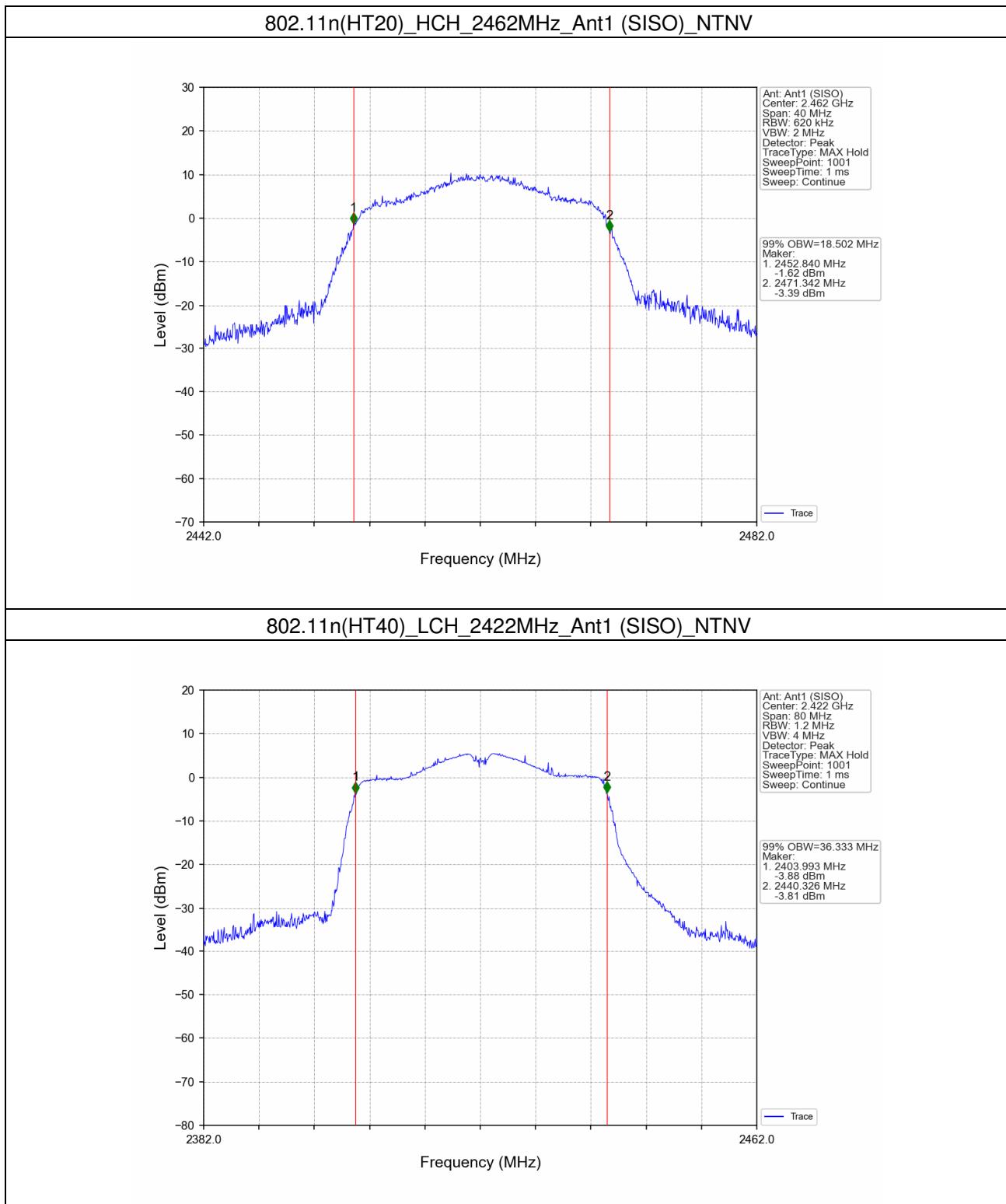
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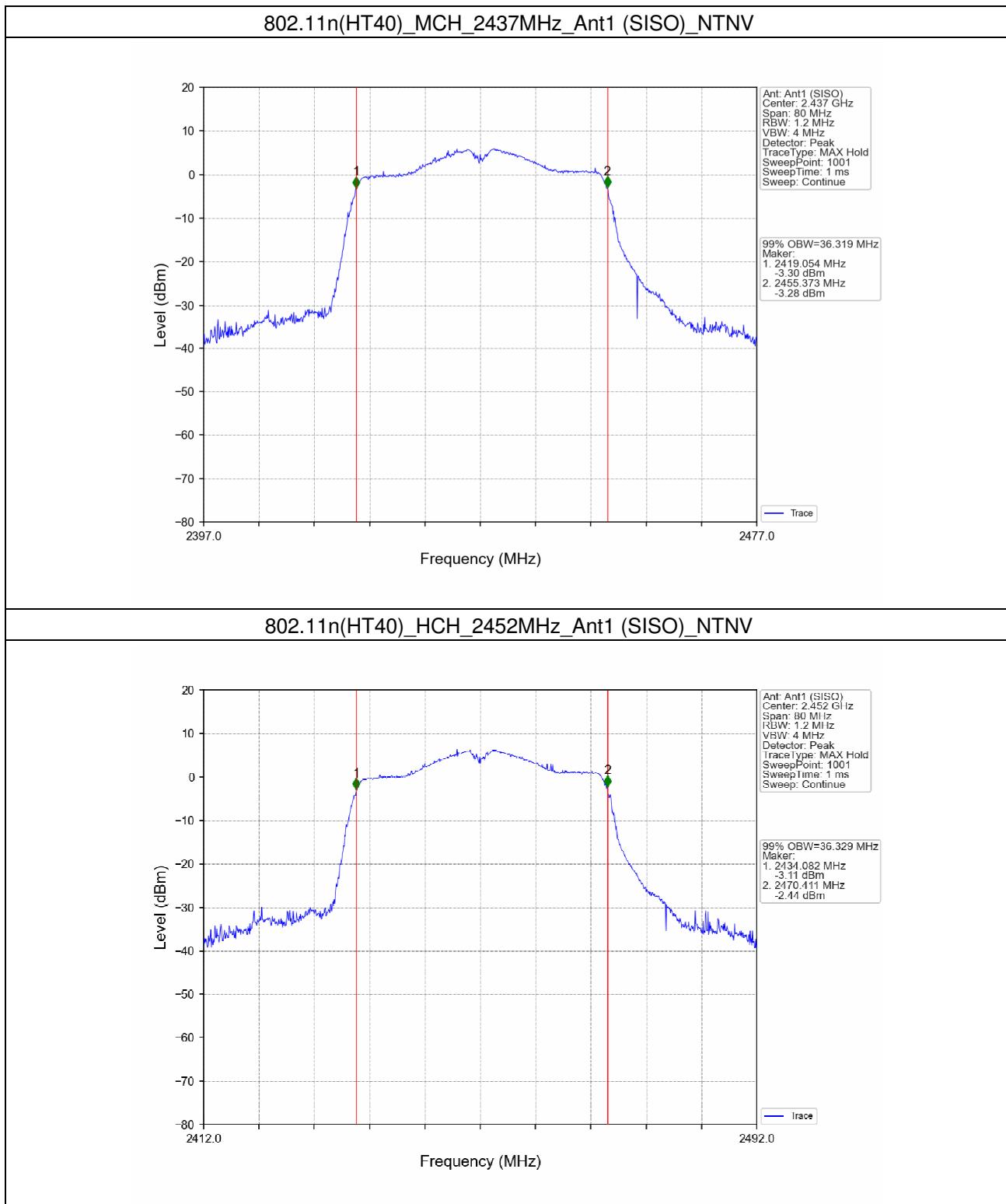
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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	7.581	>=0.5	Pass
		2437	1	7.578	>=0.5	Pass
		2462	1	7.615	>=0.5	Pass
802.11g	SISO	2412	1	15.346	>=0.5	Pass
		2437	1	15.240	>=0.5	Pass
		2462	1	15.207	>=0.5	Pass
802.11n (HT20)	SISO	2412	1	15.228	>=0.5	Pass
		2437	1	15.229	>=0.5	Pass
		2462	1	15.219	>=0.5	Pass
802.11n (HT40)	SISO	2422	1	35.258	>=0.5	Pass
		2437	1	35.240	>=0.5	Pass
		2452	1	35.245	>=0.5	Pass

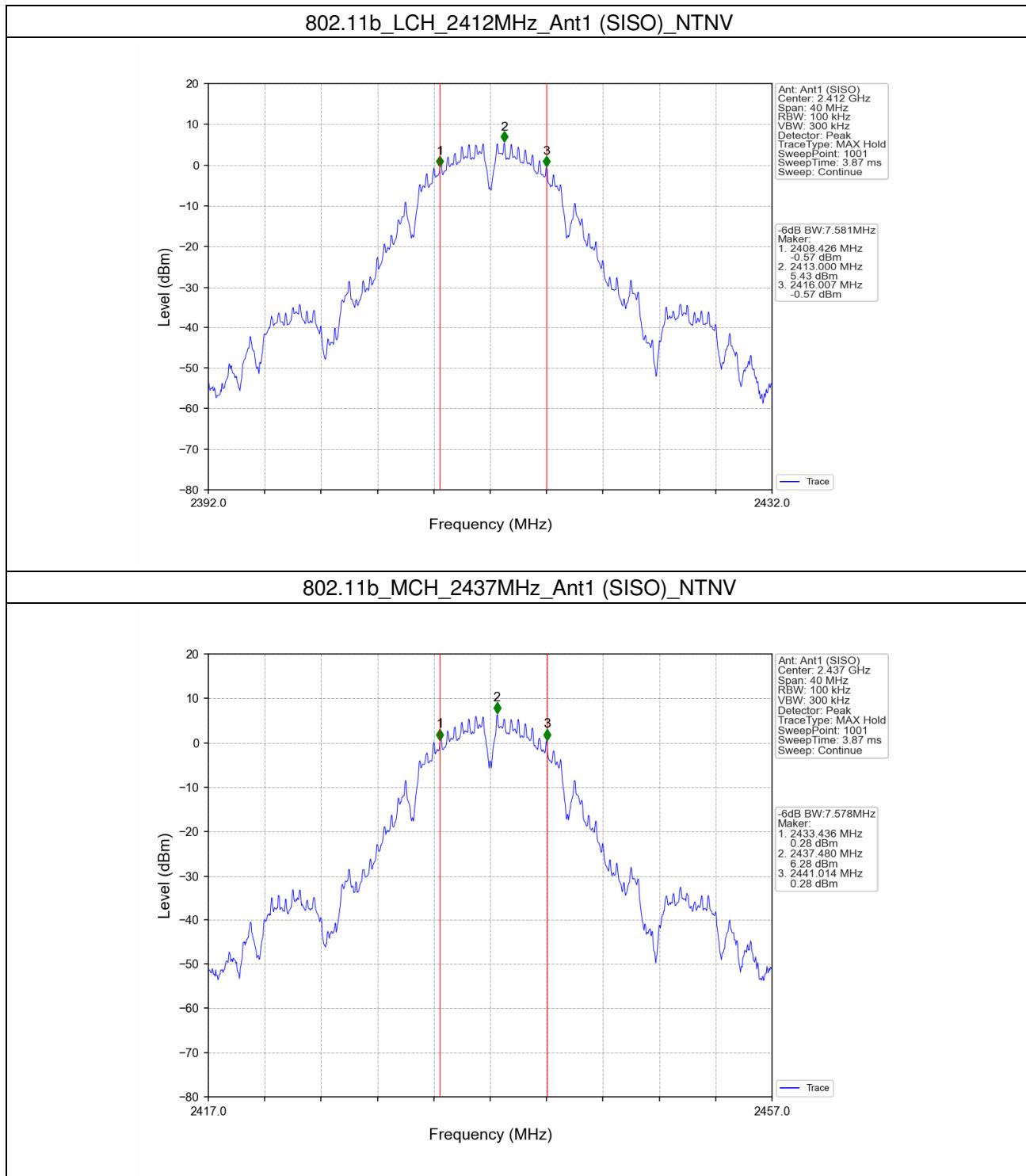
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2.2.2 Test Graph

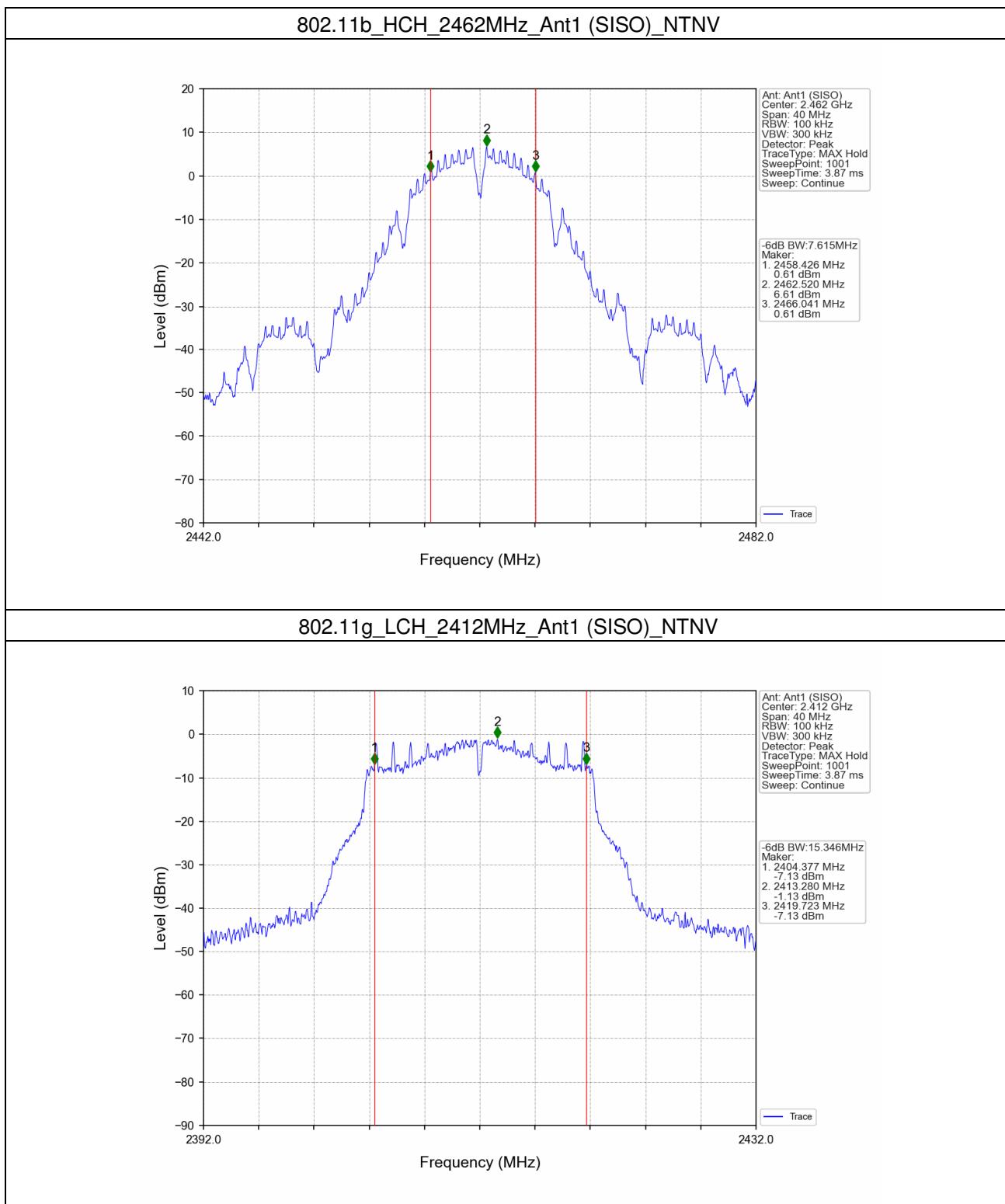


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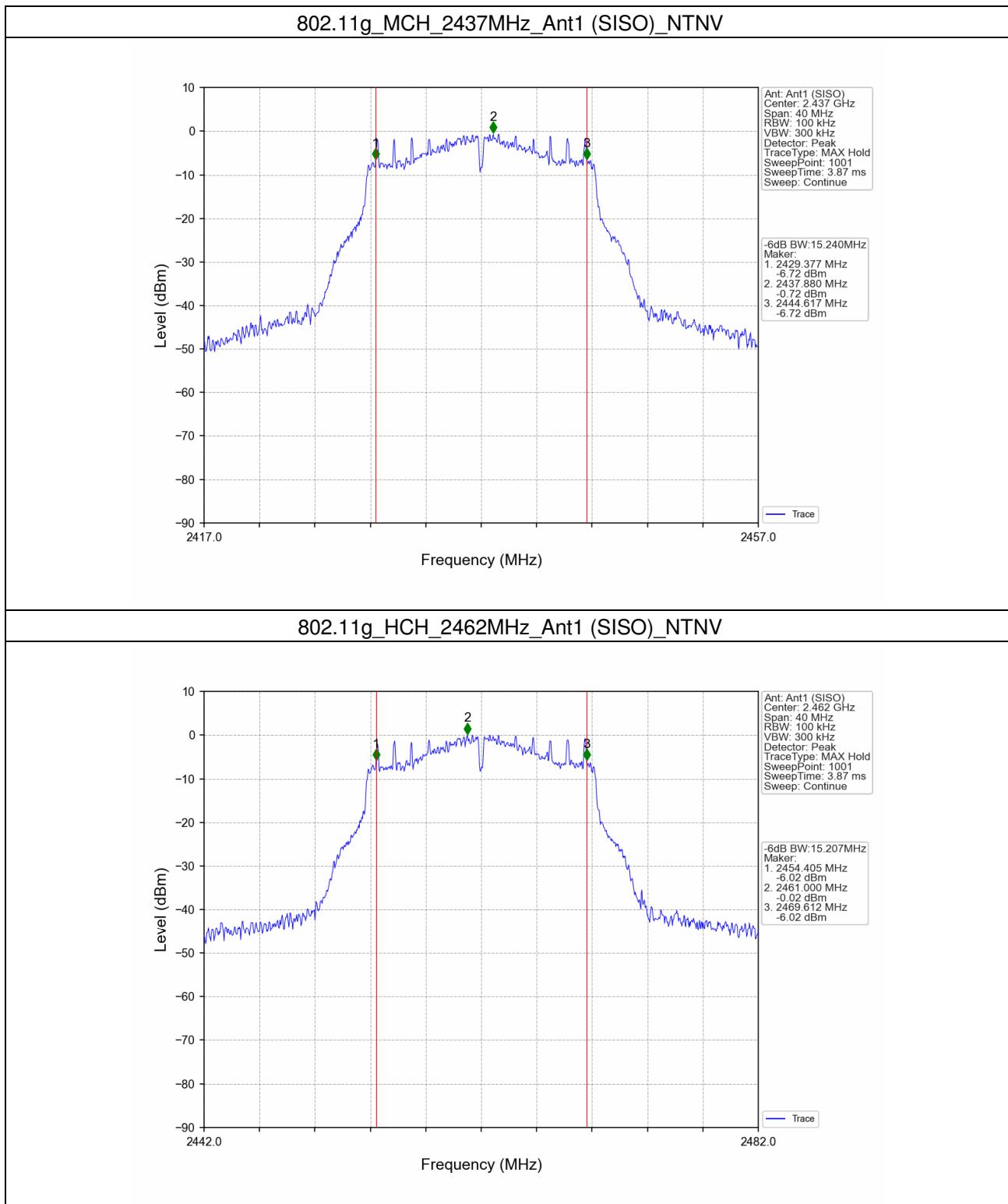


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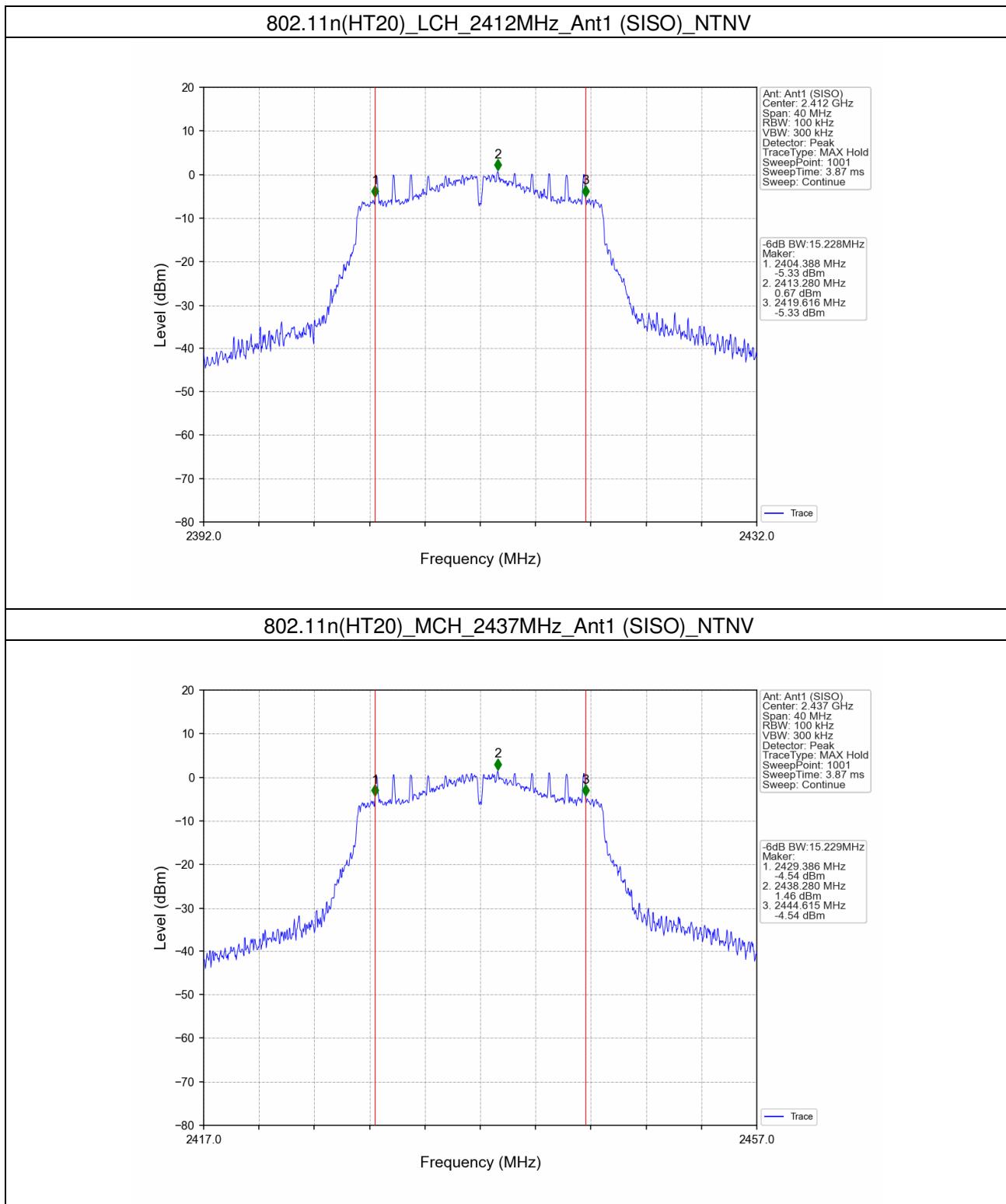


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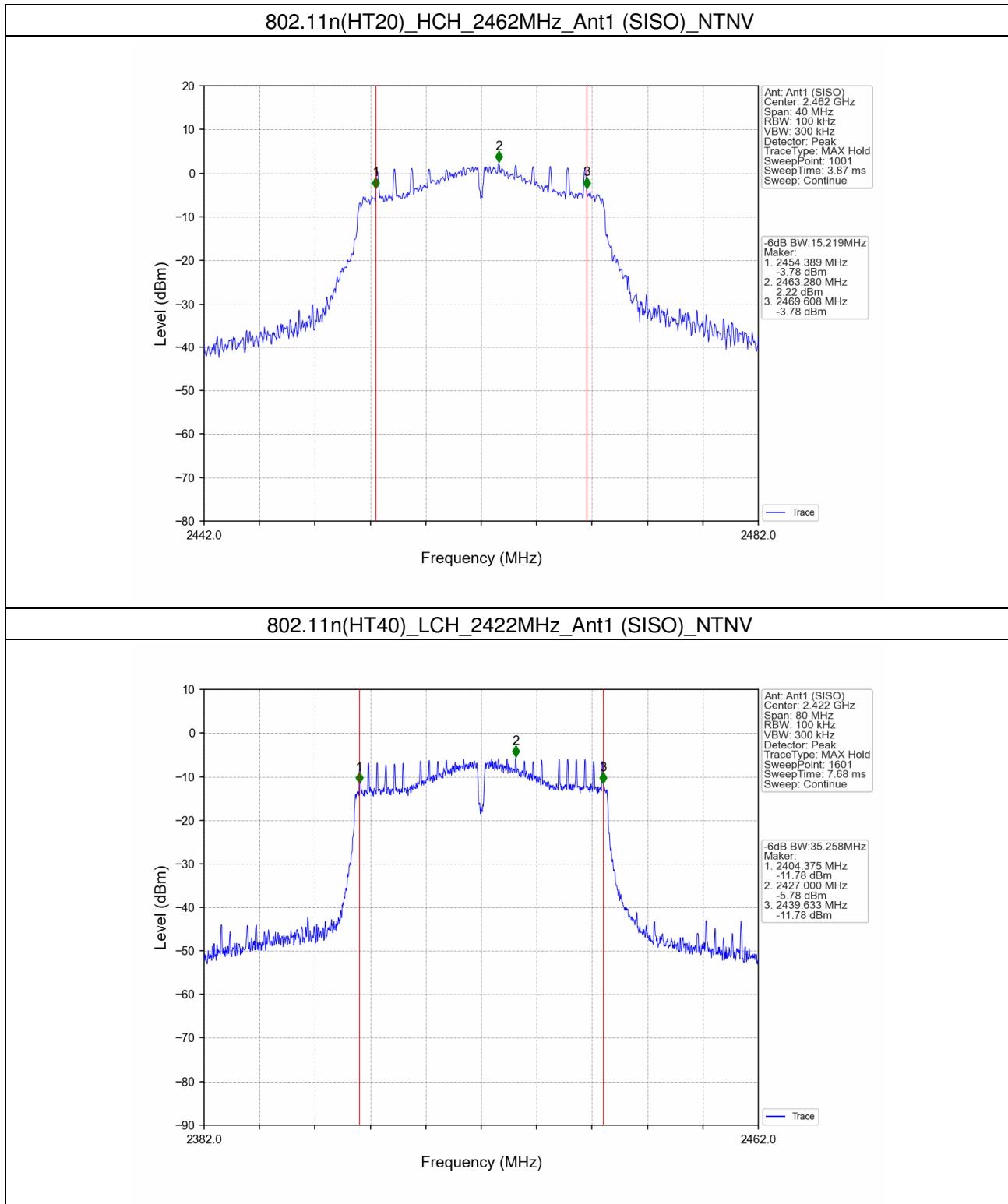
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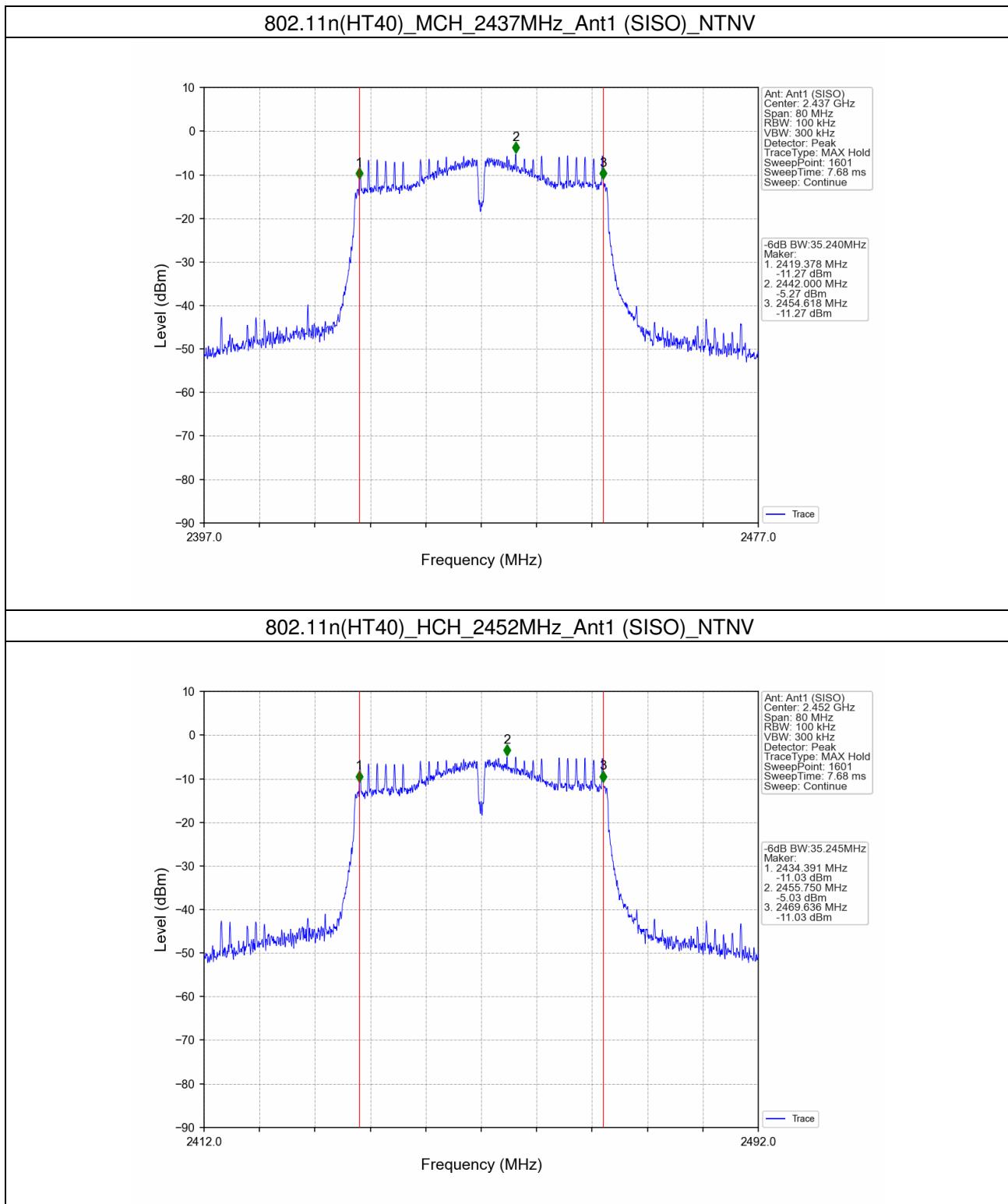
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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	13.18	<=30	Pass
		2437	13.80	<=30	Pass
		2462	14.47	<=30	Pass
802.11g	SISO	2412	10.25	<=30	Pass
		2437	10.67	<=30	Pass
		2462	11.26	<=30	Pass
802.11n (HT20)	SISO	2412	11.52	<=30	Pass
		2437	12.10	<=30	Pass
		2462	12.95	<=30	Pass
802.11n (HT40)	SISO	2422	8.13	<=30	Pass
		2437	8.27	<=30	Pass
		2452	8.65	<=30	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

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4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			ANT1	Limit	
802.11b	SISO	2412	-9.60	<=8	Pass
		2437	-7.89	<=8	Pass
		2462	-7.23	<=8	Pass
802.11g	SISO	2412	-12.80	<=8	Pass
		2437	-13.57	<=8	Pass
		2462	-11.71	<=8	Pass
802.11n (HT20)	SISO	2412	-12.61	<=8	Pass
		2437	-10.26	<=8	Pass
		2462	-10.93	<=8	Pass
802.11n (HT40)	SISO	2422	-18.62	<=8	Pass
		2437	-18.32	<=8	Pass
		2452	-17.97	<=8	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

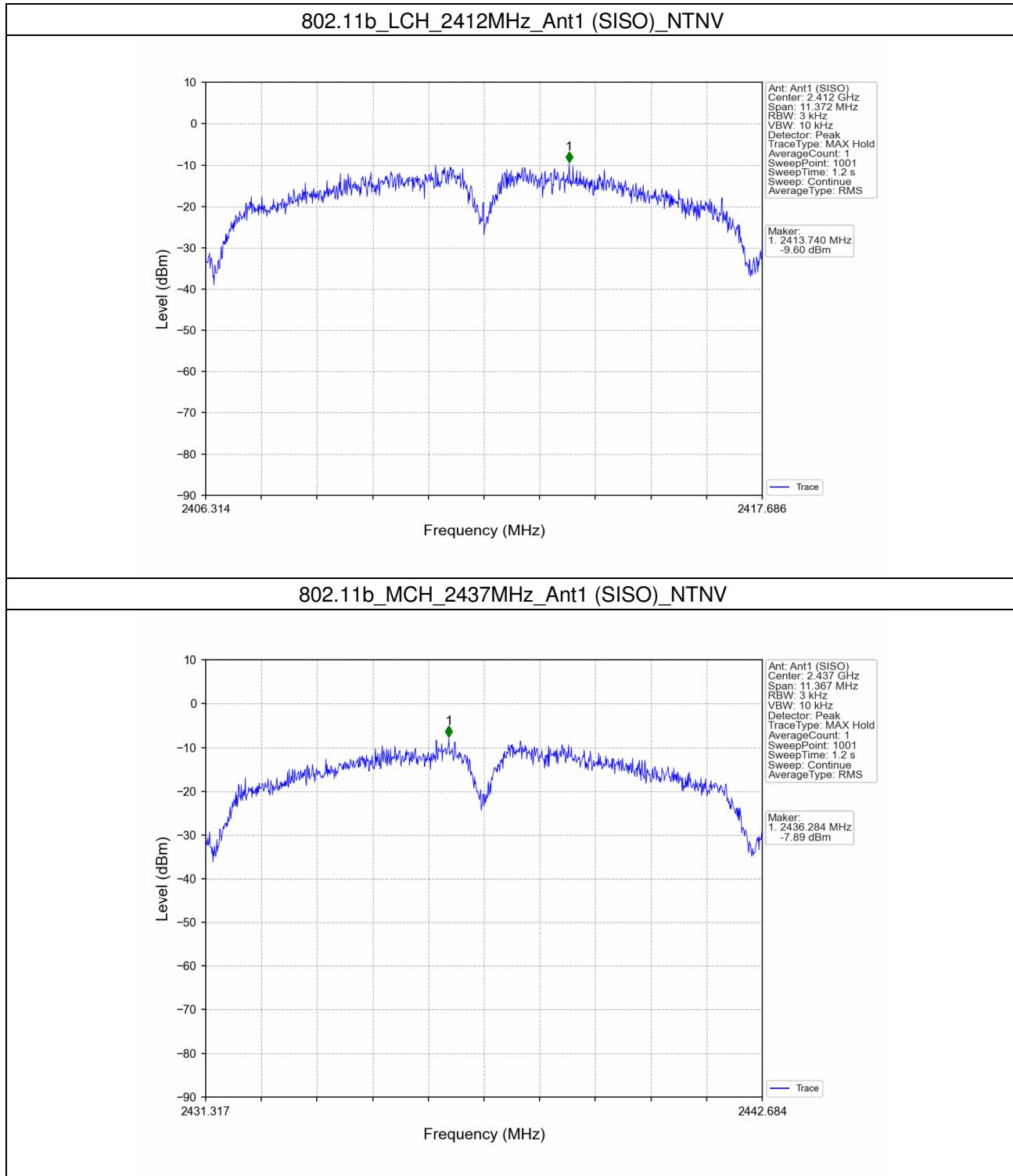
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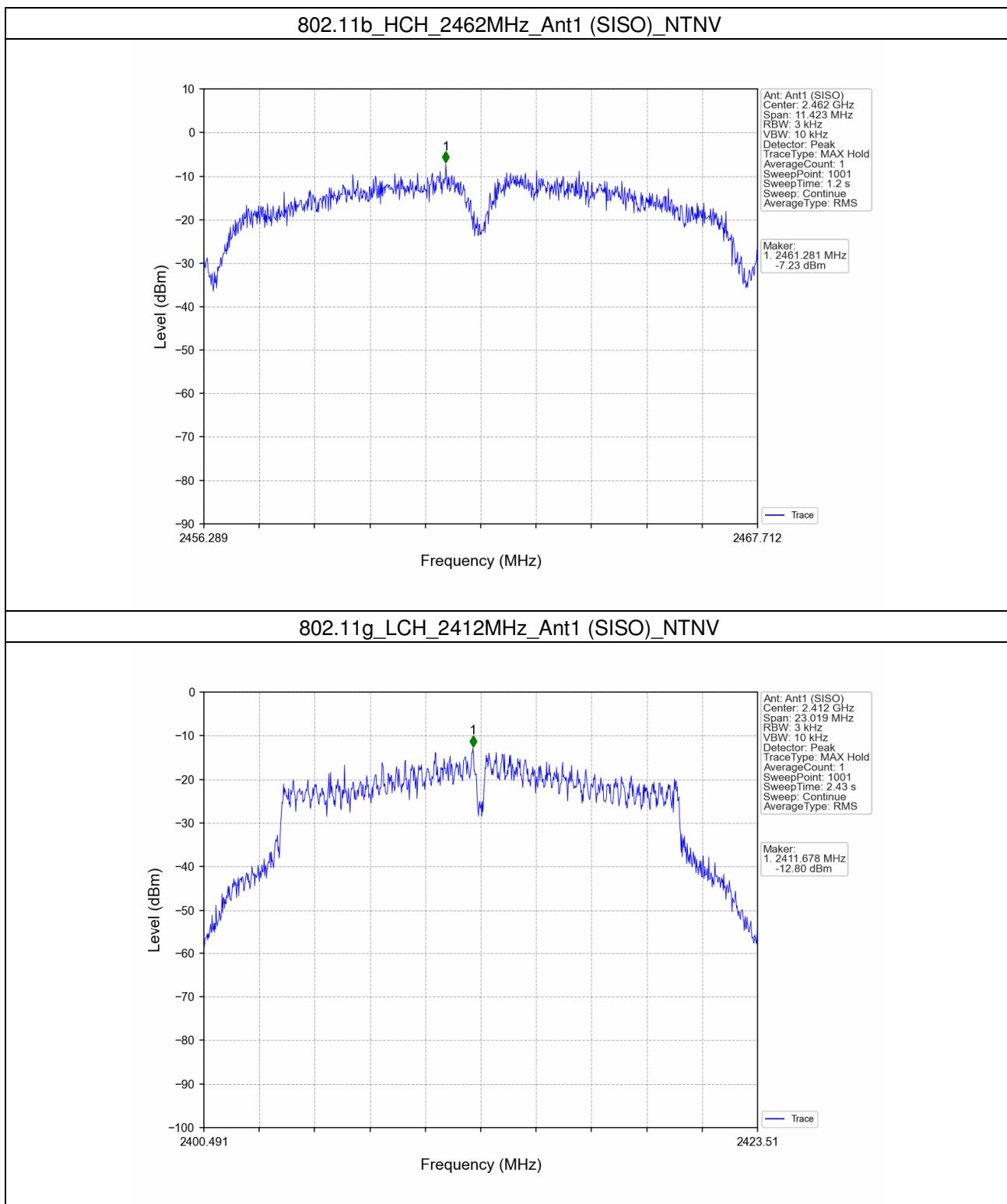
4.1.2 Test Graph



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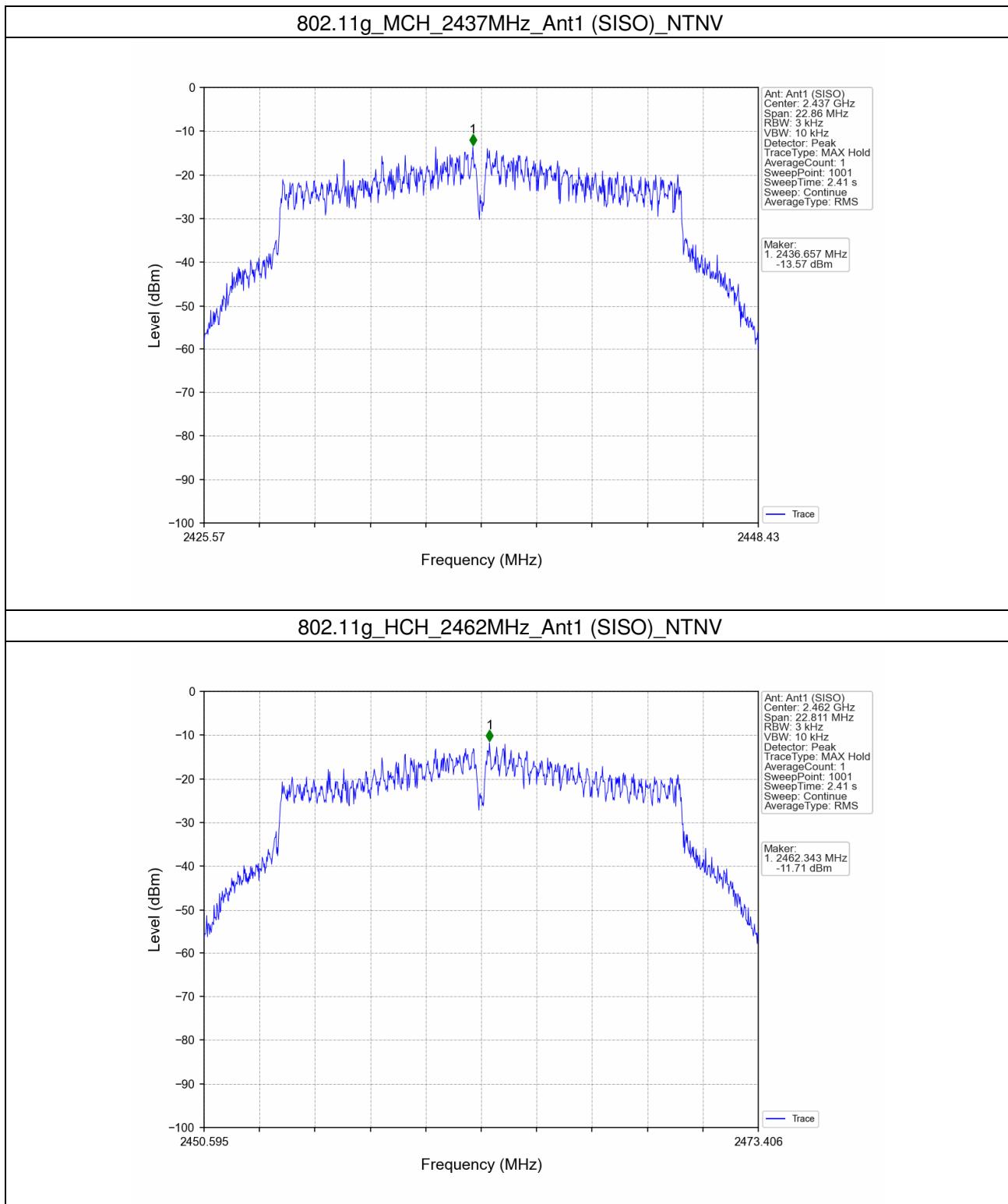


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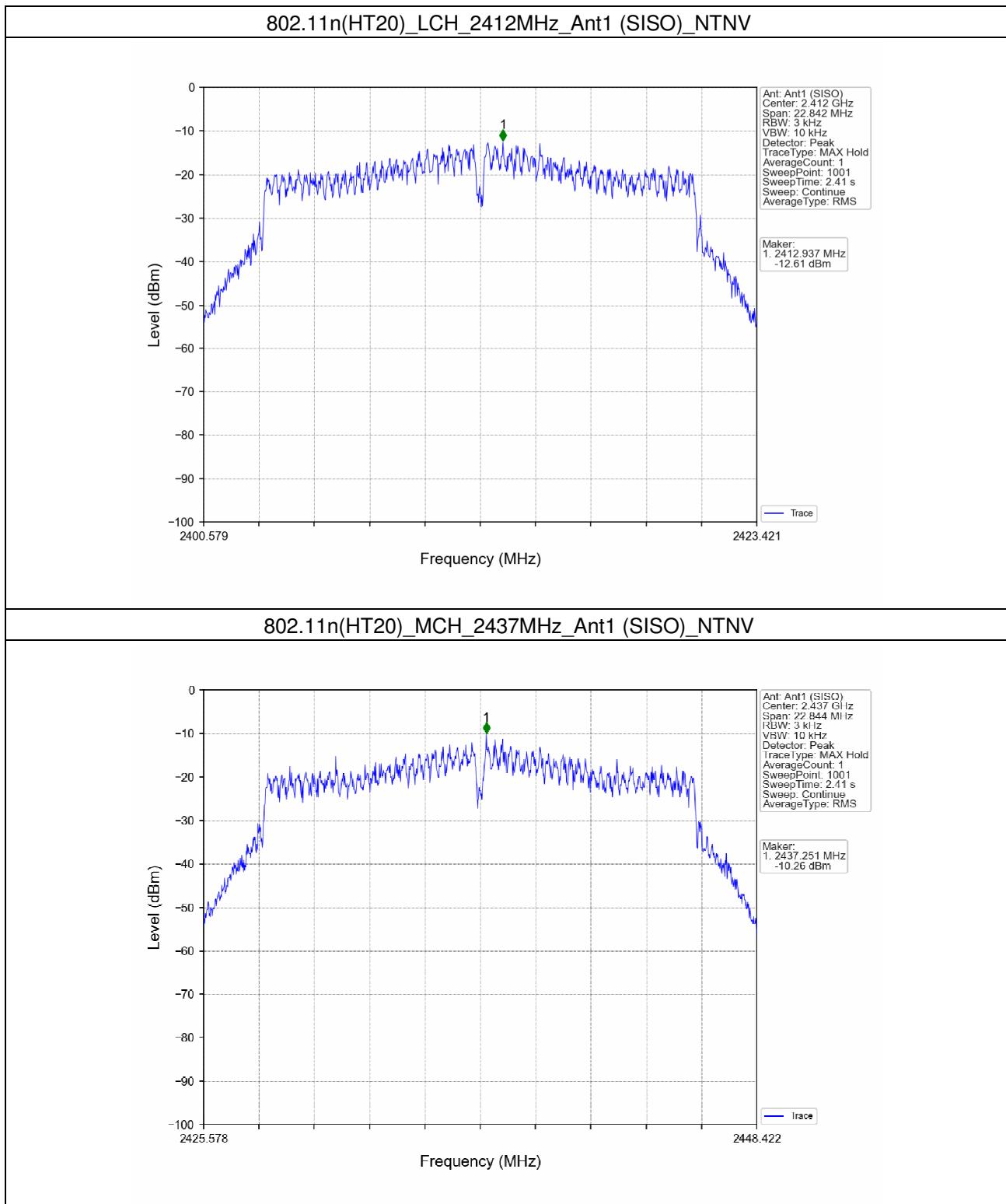
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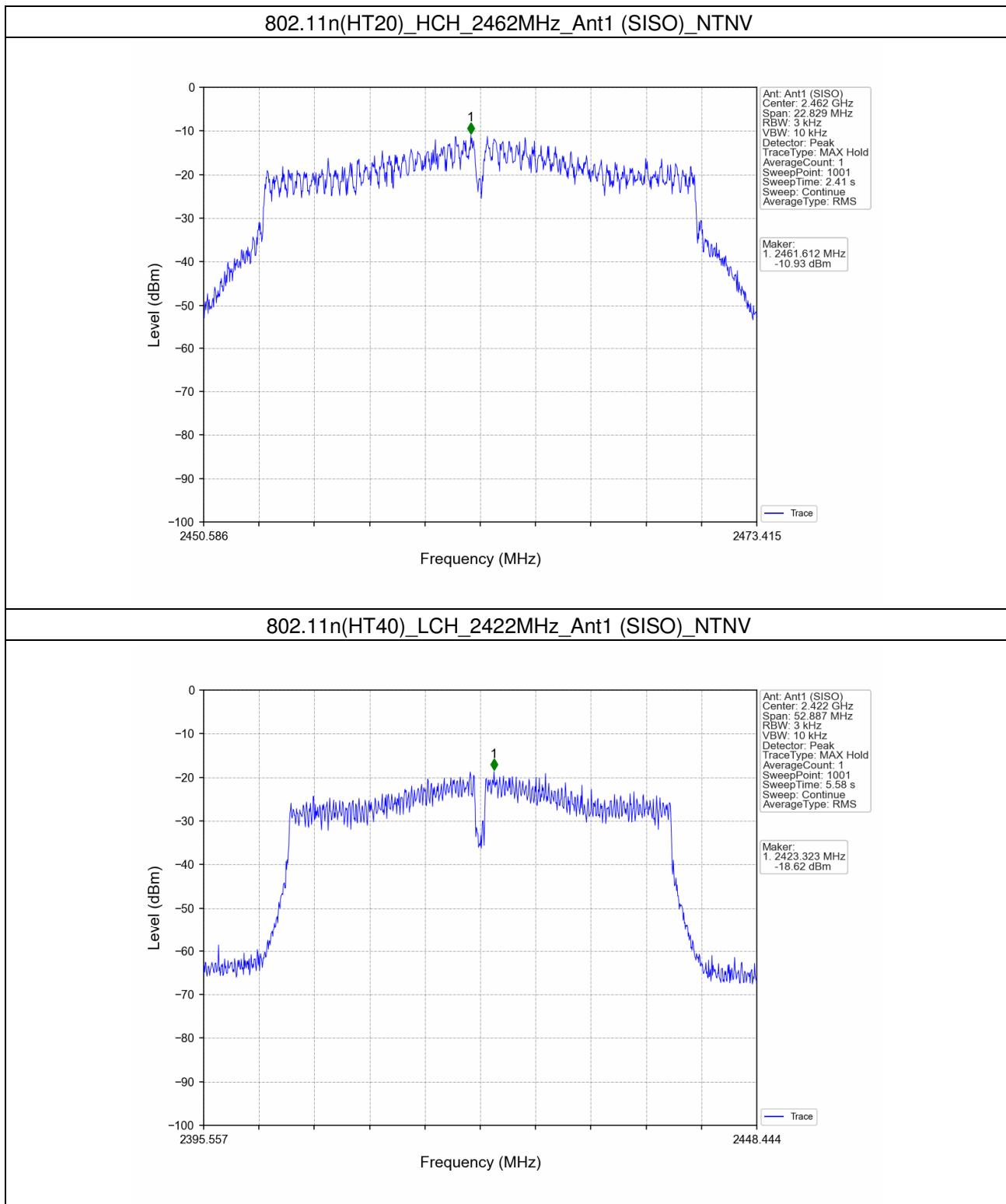
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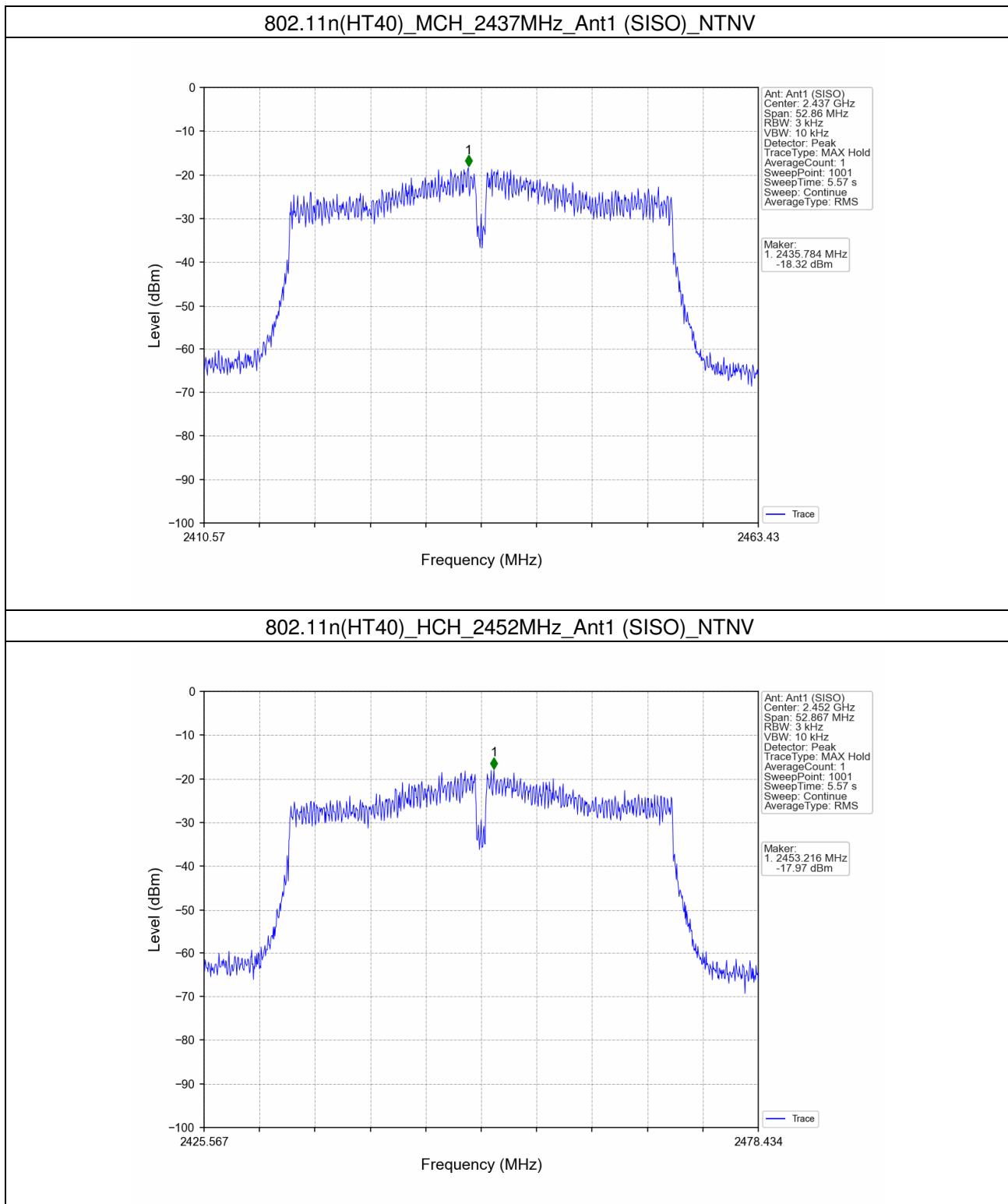
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5. Unwanted Emissions In Non-restricted Frequency Bands

5.1 Ref

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)
802.11b	SISO	2412	1	5.36
		2437	1	6.13
		2462	1	6.63
802.11g	SISO	2412	1	-1.27
		2437	1	-0.95
		2462	1	0.00
802.11n (HT20)	SISO	2412	1	0.22
		2437	1	1.22
		2462	1	2.04
802.11n (HT40)	SISO	2422	1	-5.79
		2437	1	-5.28
		2452	1	-5.08

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

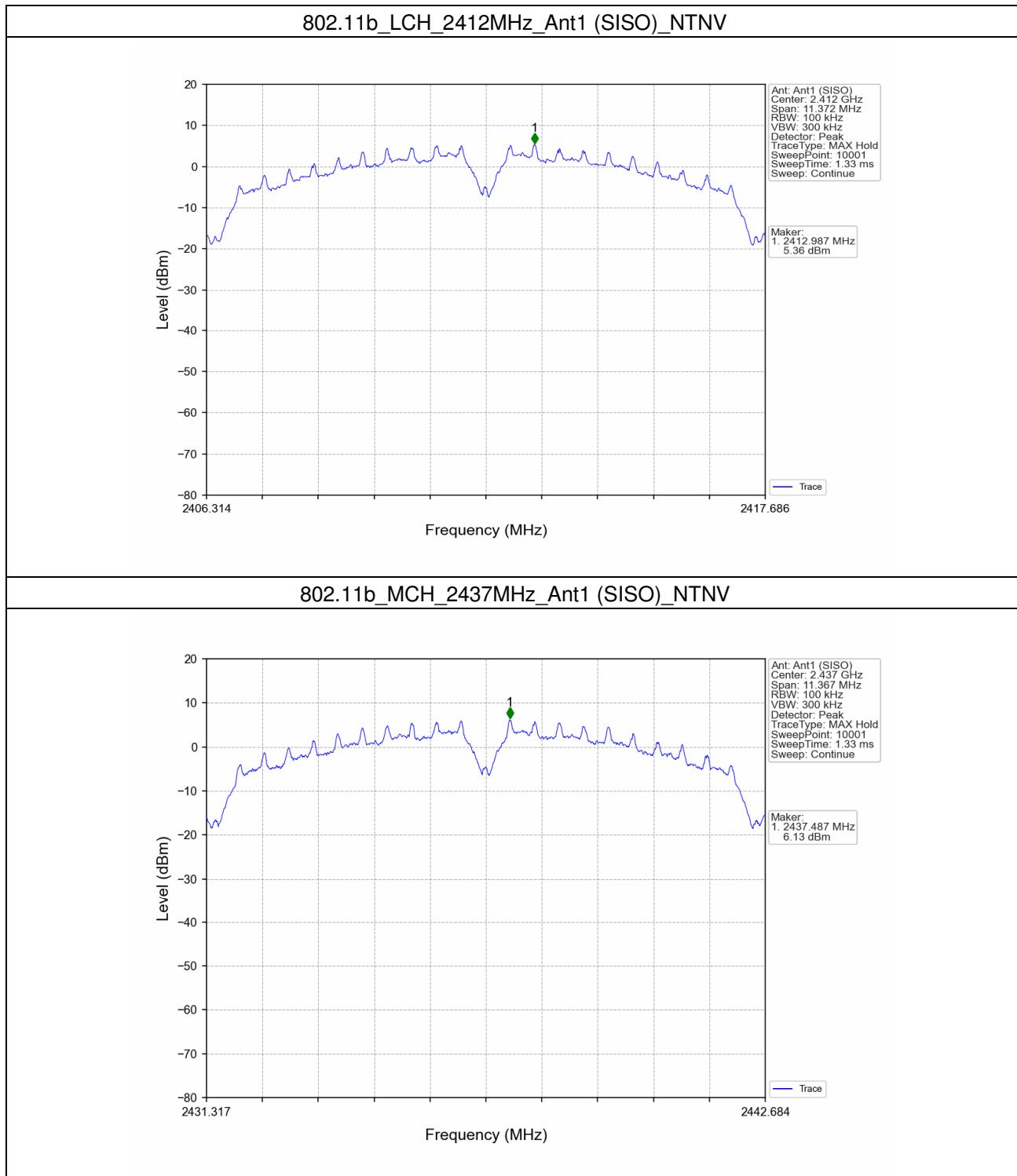
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5.1.2 Test Graph

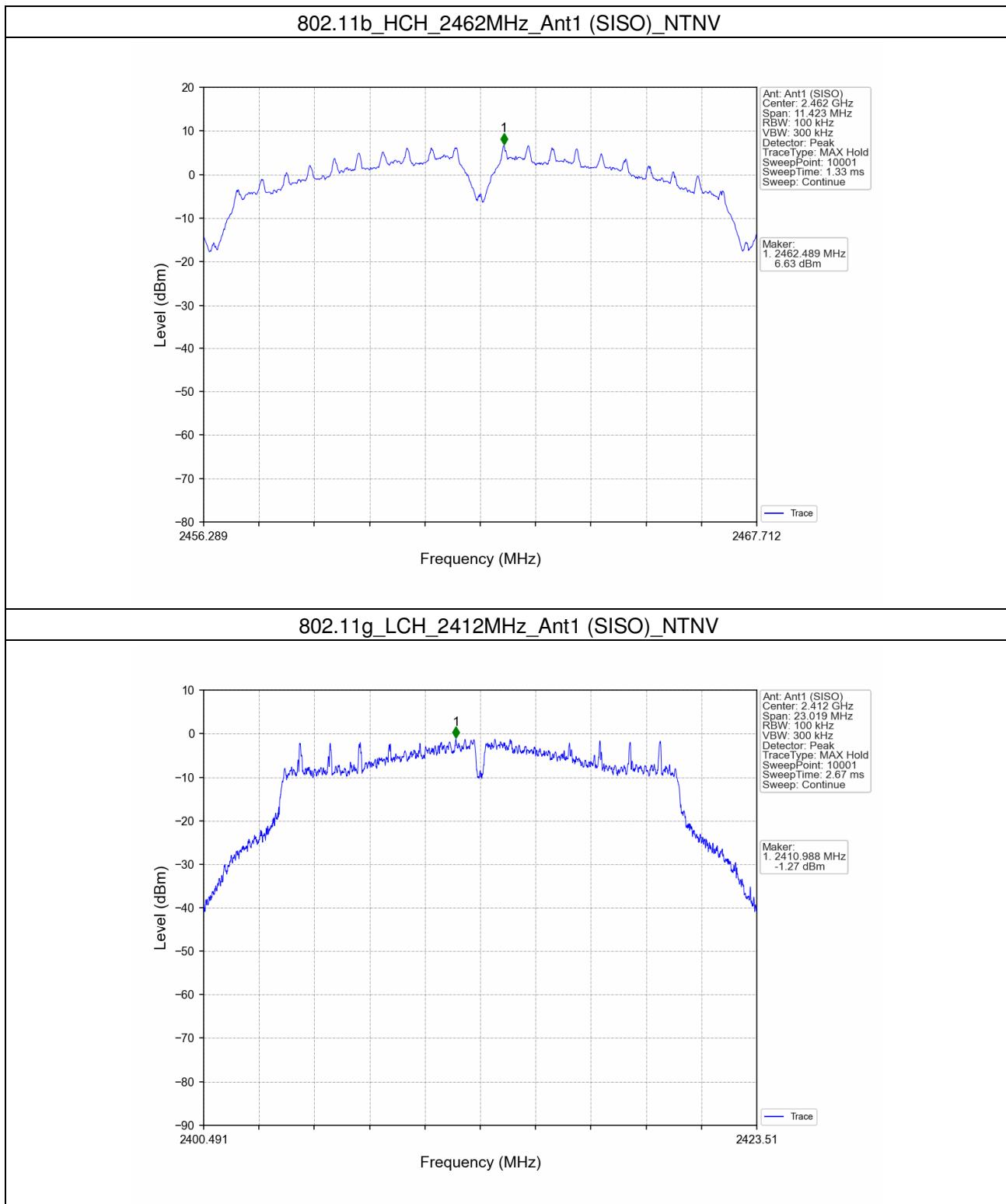


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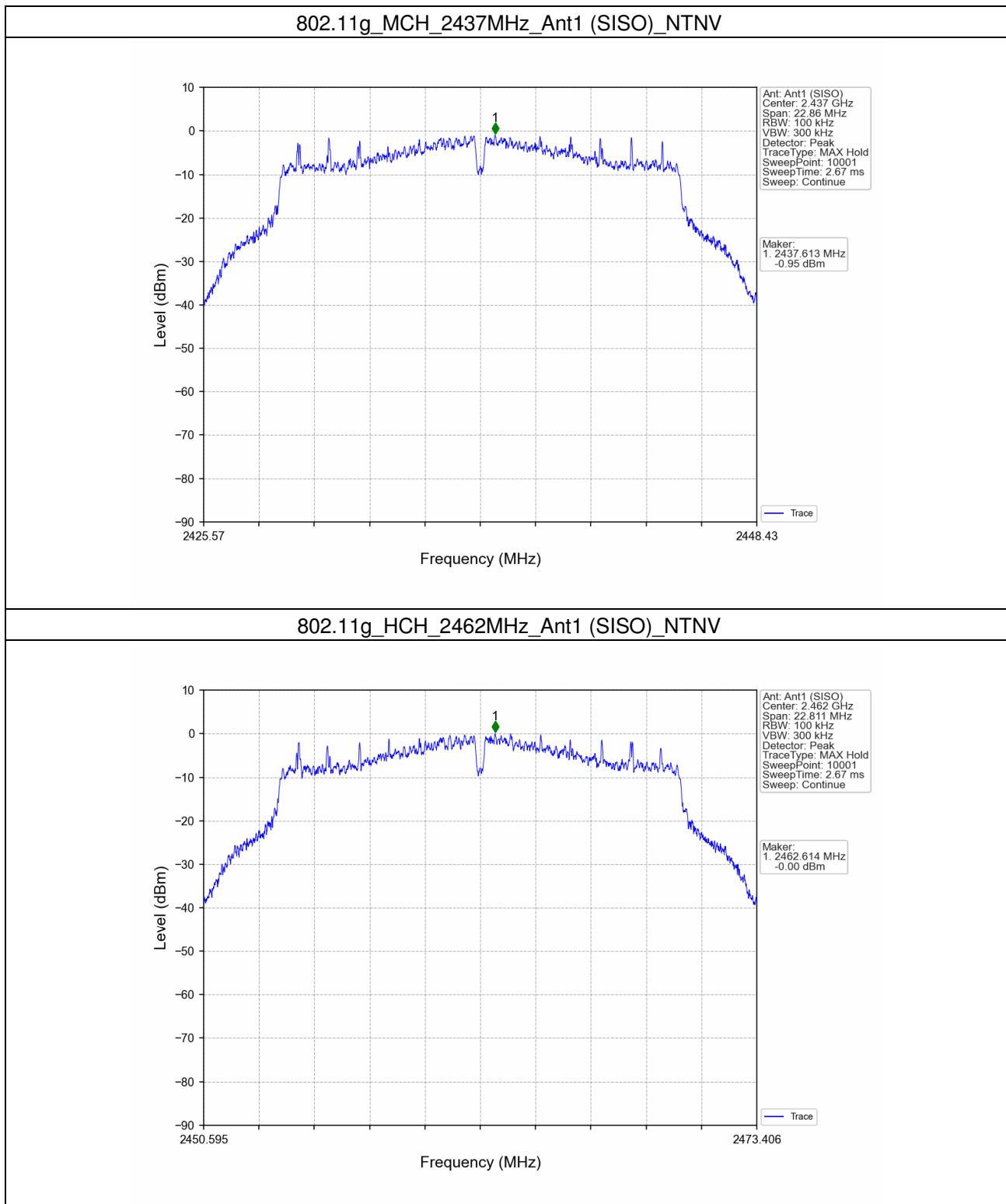
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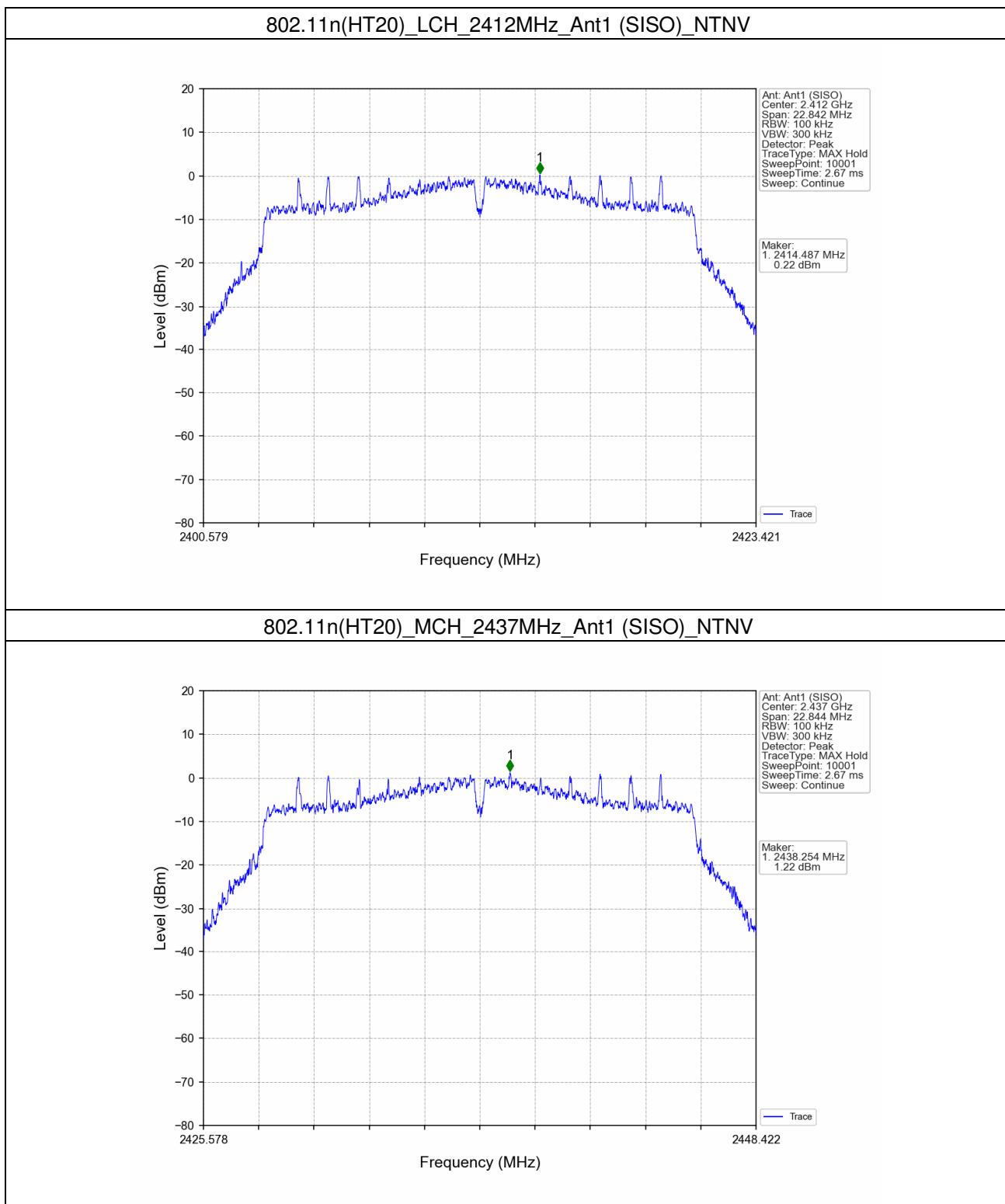
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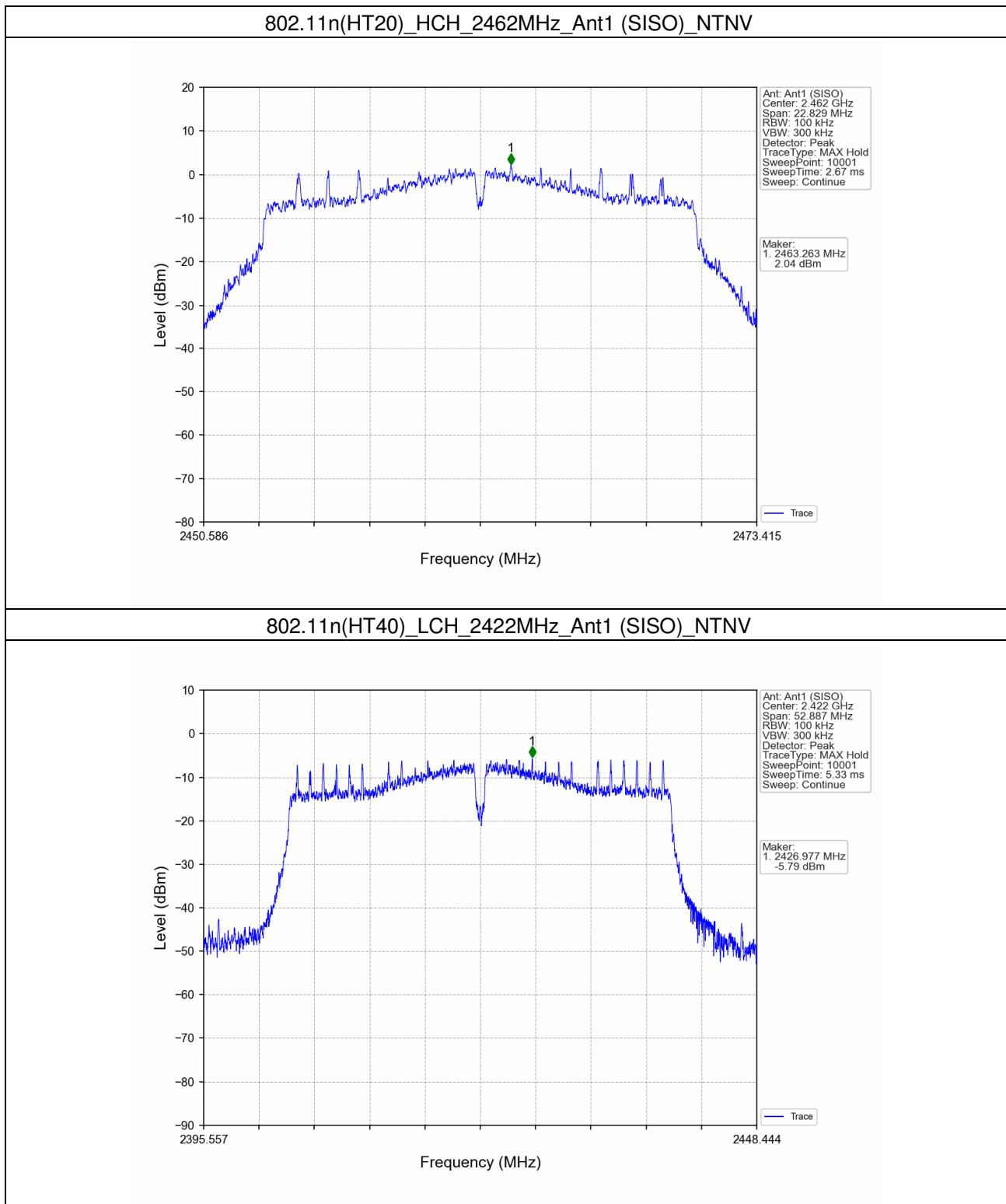
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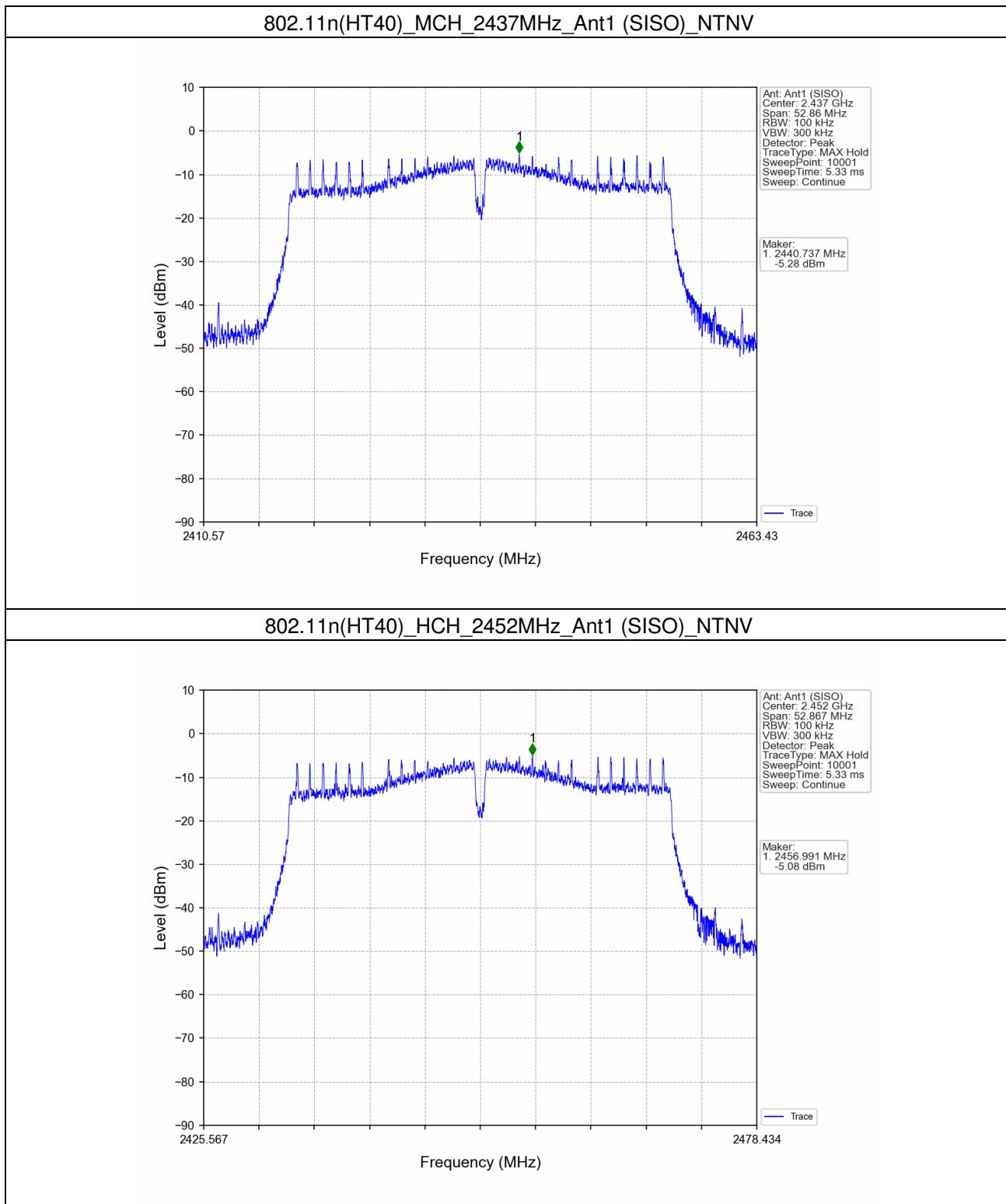
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5.2 CSE

5.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	6.63	-23.37	Pass
		2437	1	6.63	-23.37	Pass
		2462	1	6.63	-23.37	Pass
802.11g	SISO	2412	1	0.00	-30.00	Pass
		2437	1	0.00	-30.00	Pass
		2462	1	0.00	-30.00	Pass
802.11n (HT20)	SISO	2412	1	2.04	-27.96	Pass
		2437	1	2.04	-27.96	Pass
		2462	1	2.04	-27.96	Pass
802.11n (HT40)	SISO	2422	1	-5.08	-35.08	Pass
		2437	1	-5.08	-35.08	Pass
		2452	1	-5.08	-35.08	Pass

Note1: Refer to FCC Part 15.247 (d) and ANSI C63.10-2013, the channel contains the maximum PSD level was used to establish the reference level.

Note2: RBW = 1MHz was used during the pre-test. The final test will be performed at RBW=100kHz while the margin is less than 3dB.

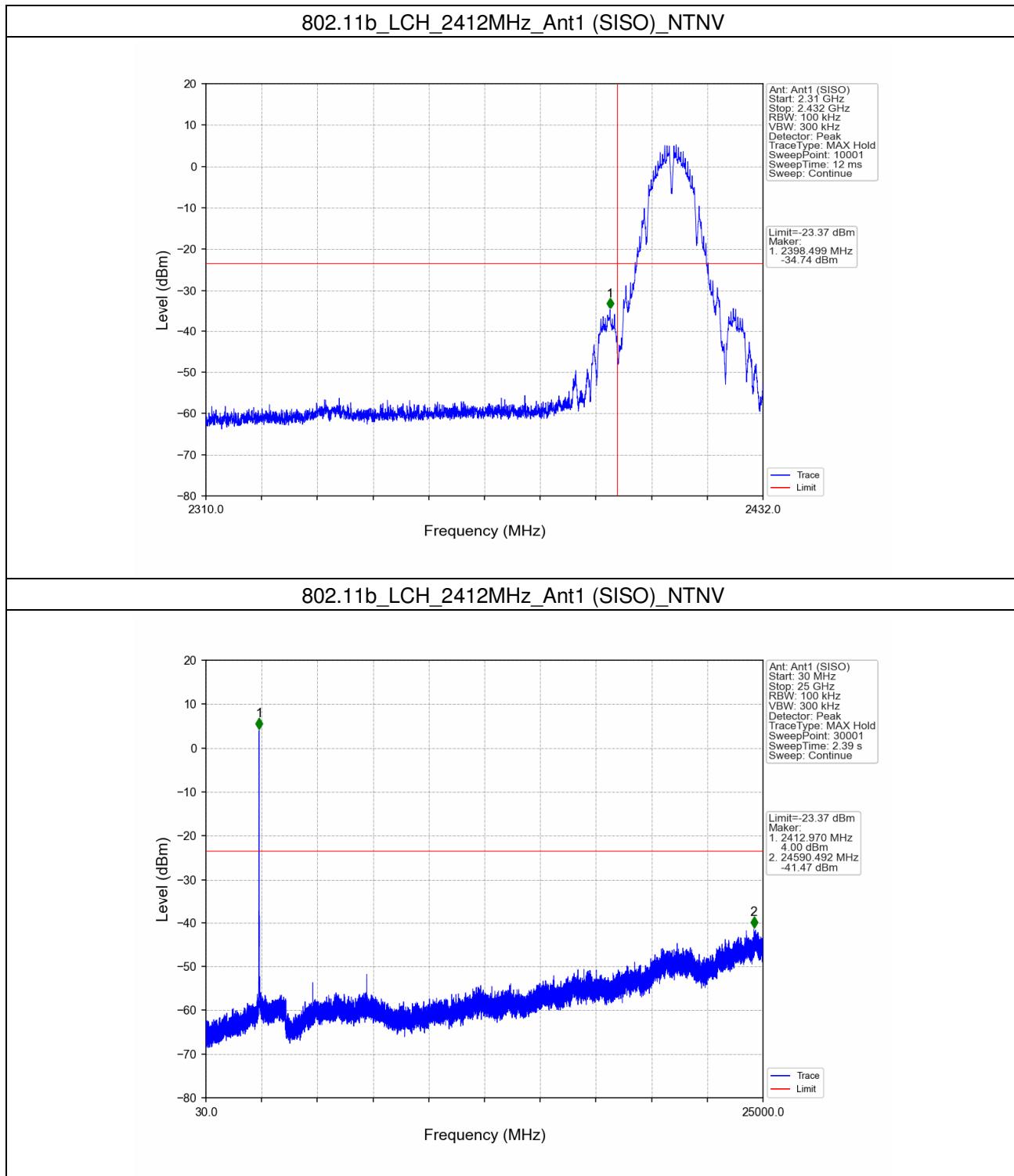
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5.2.2 Test Graph

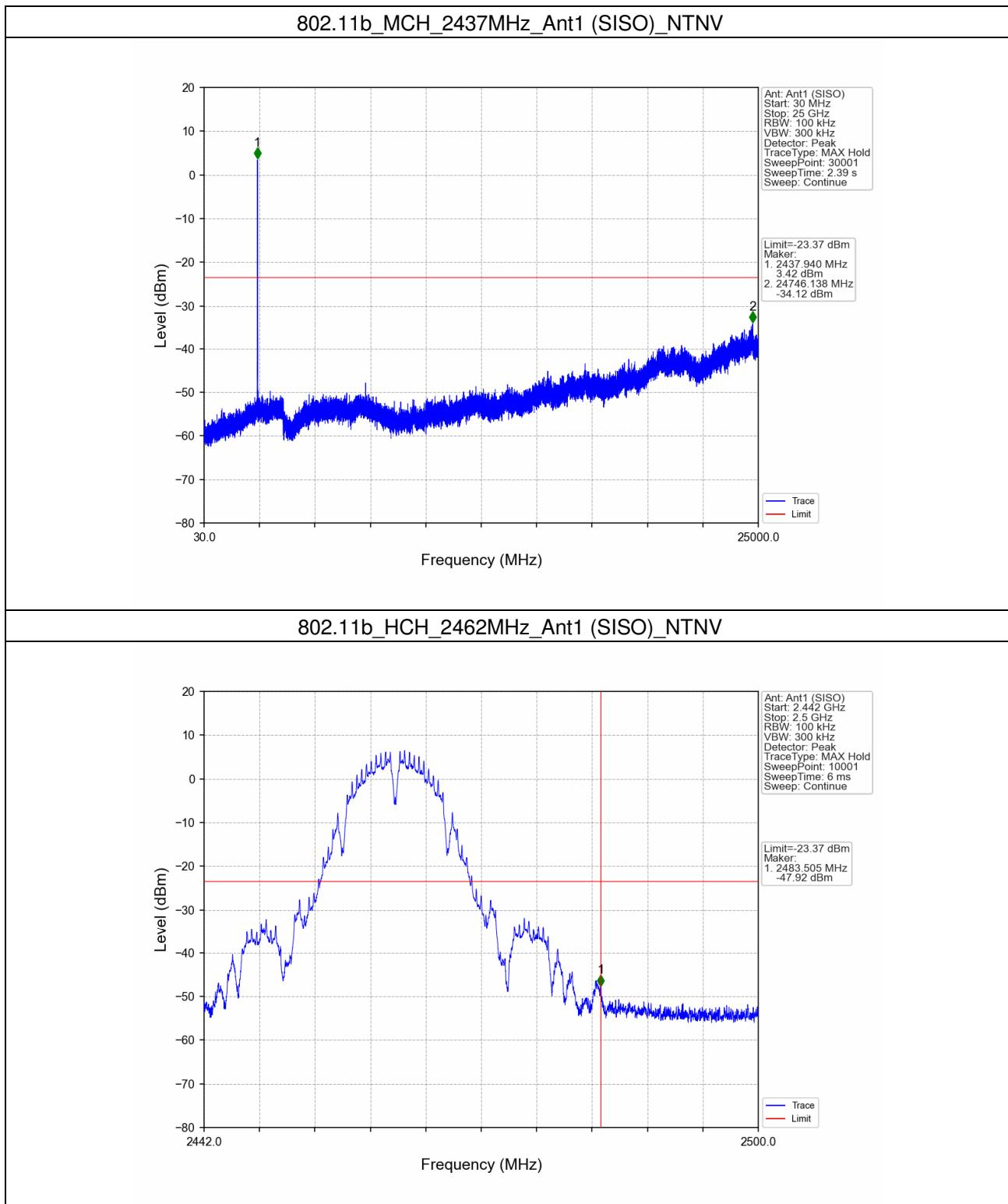


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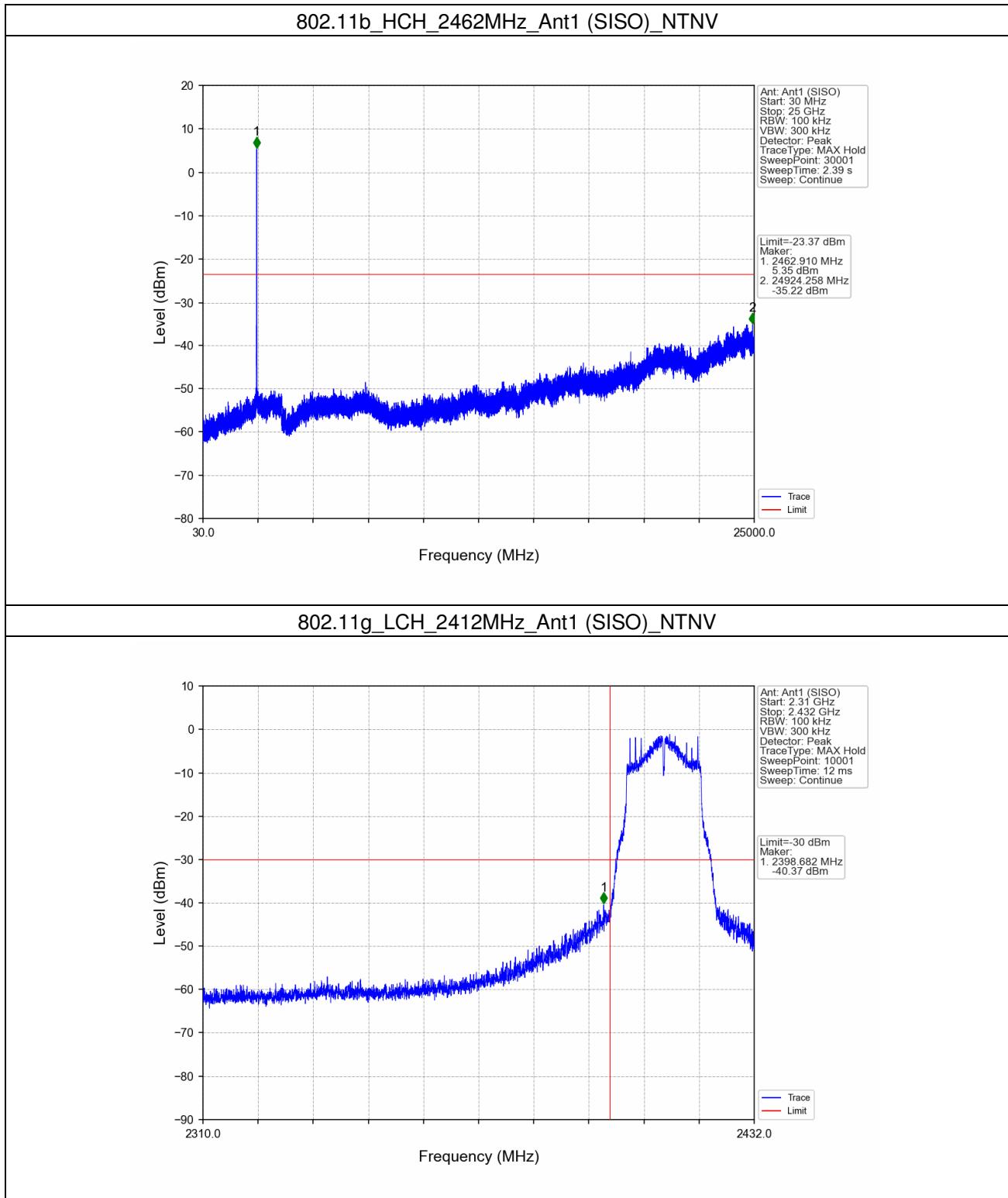


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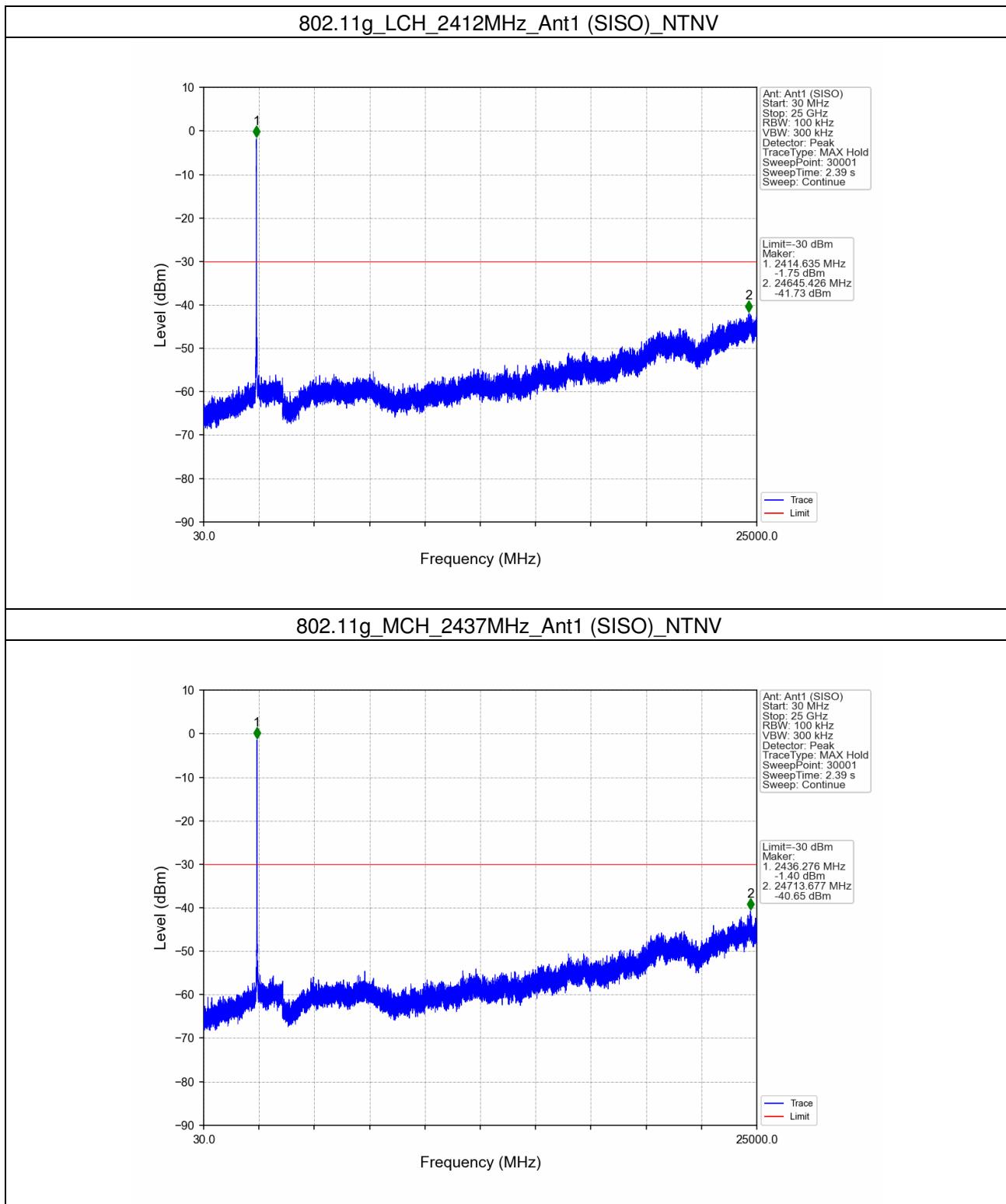
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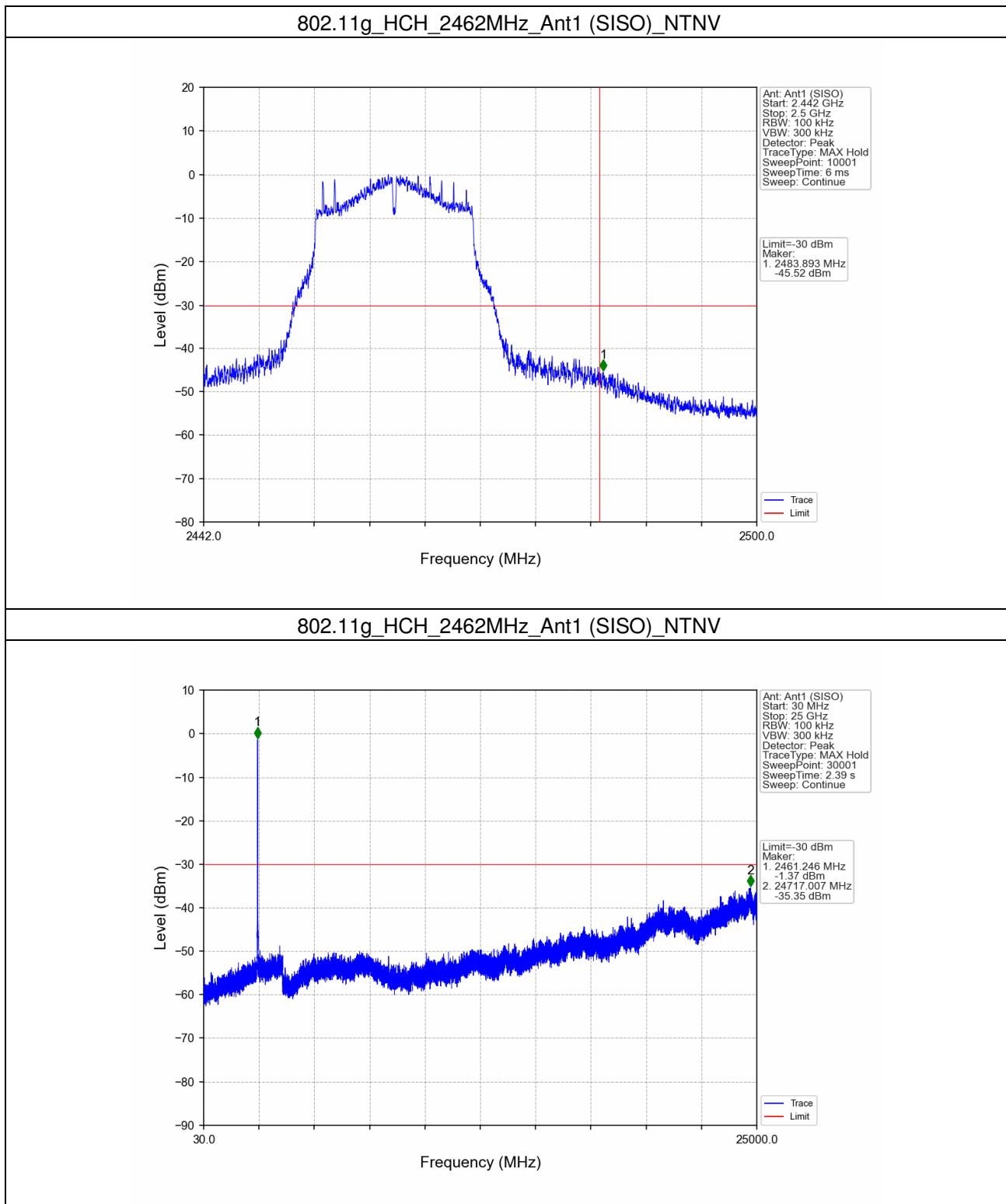
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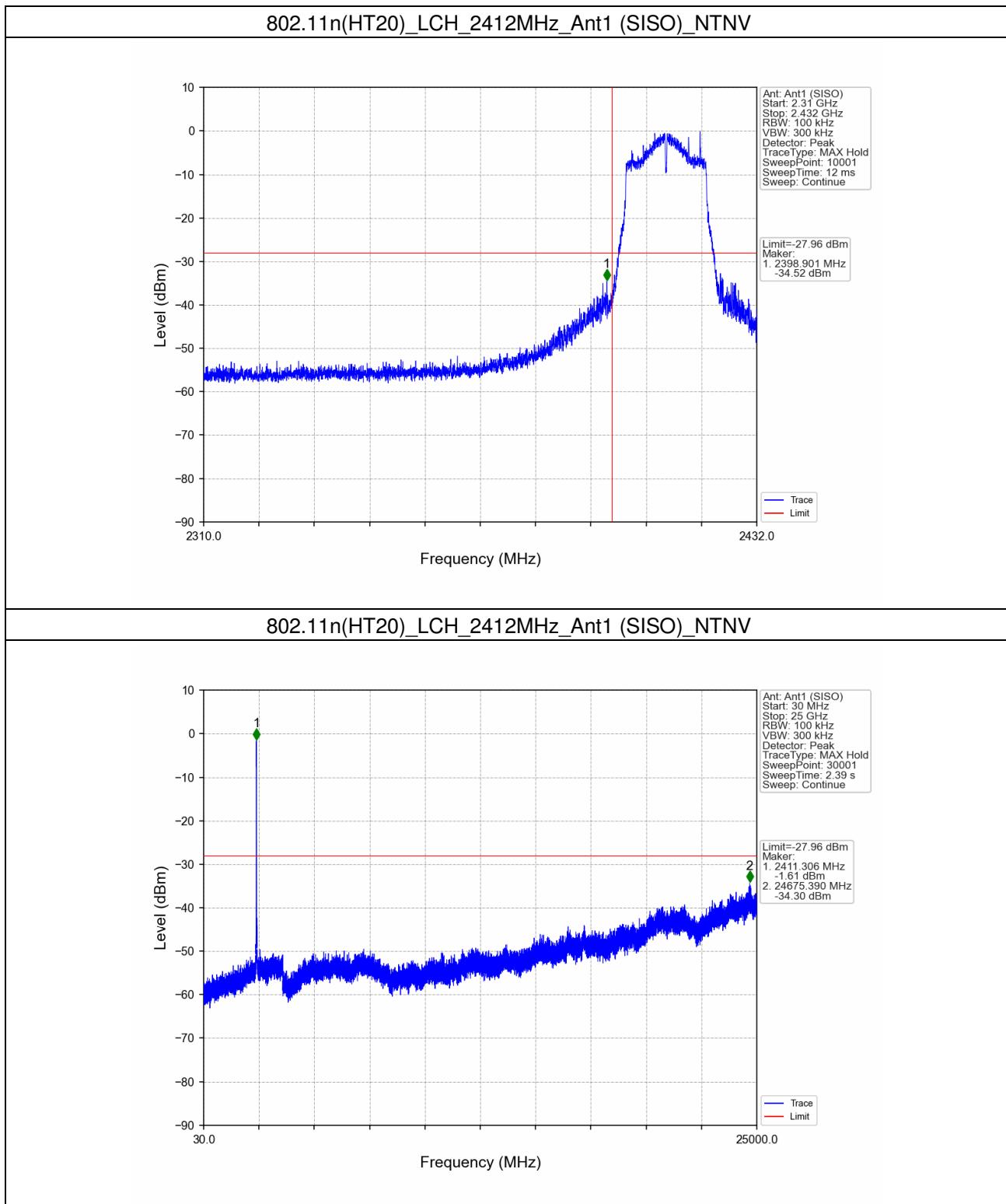


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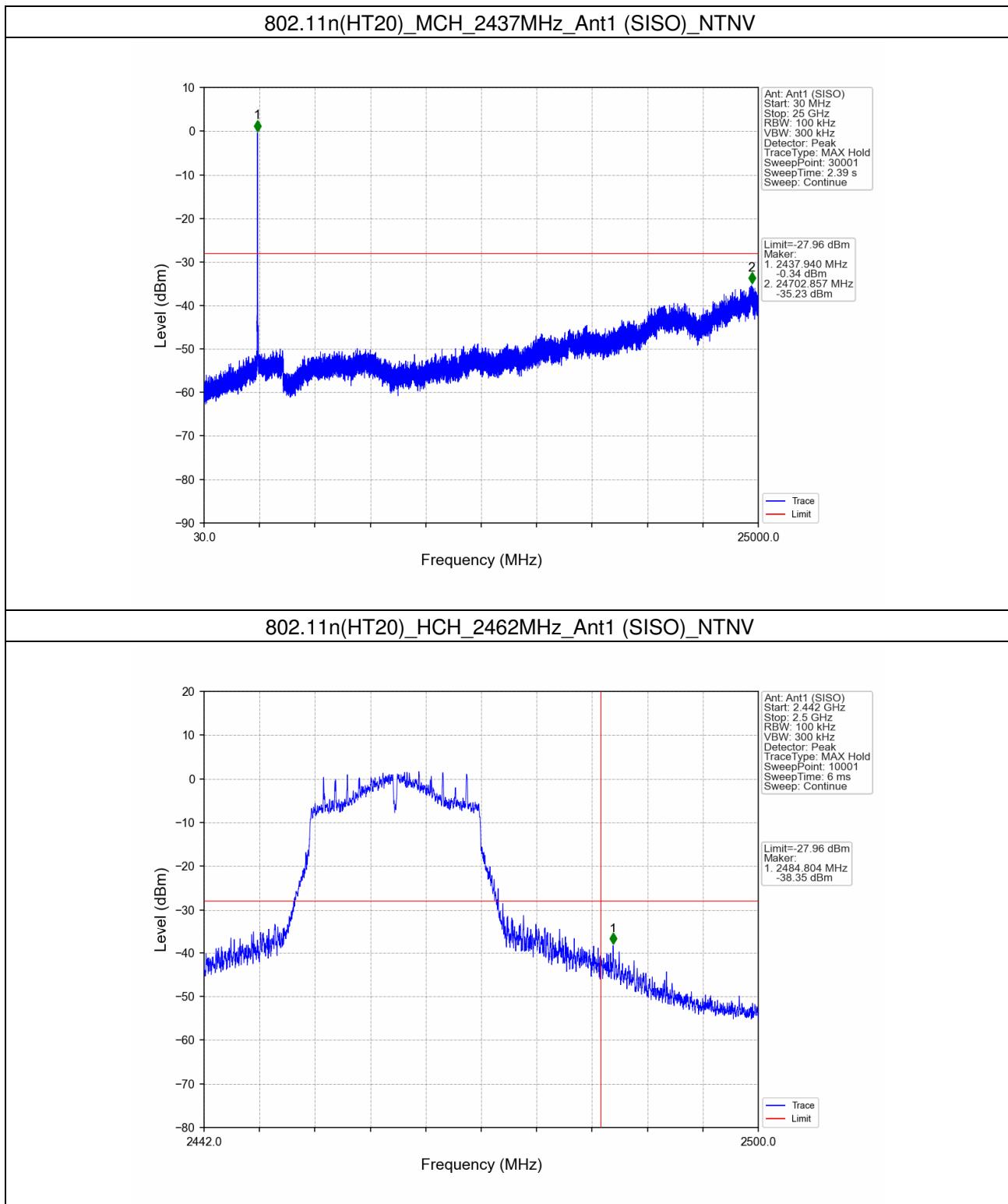
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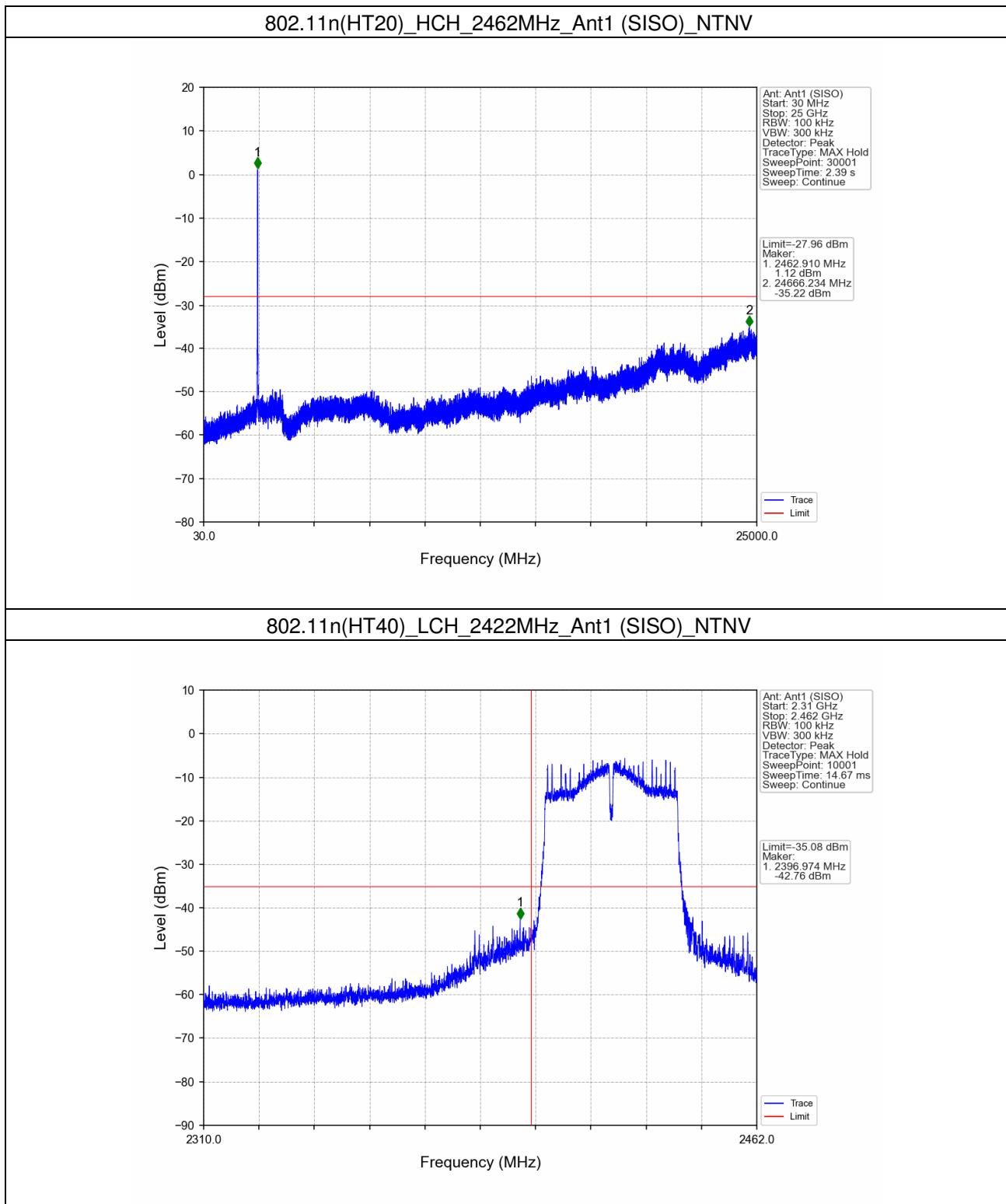


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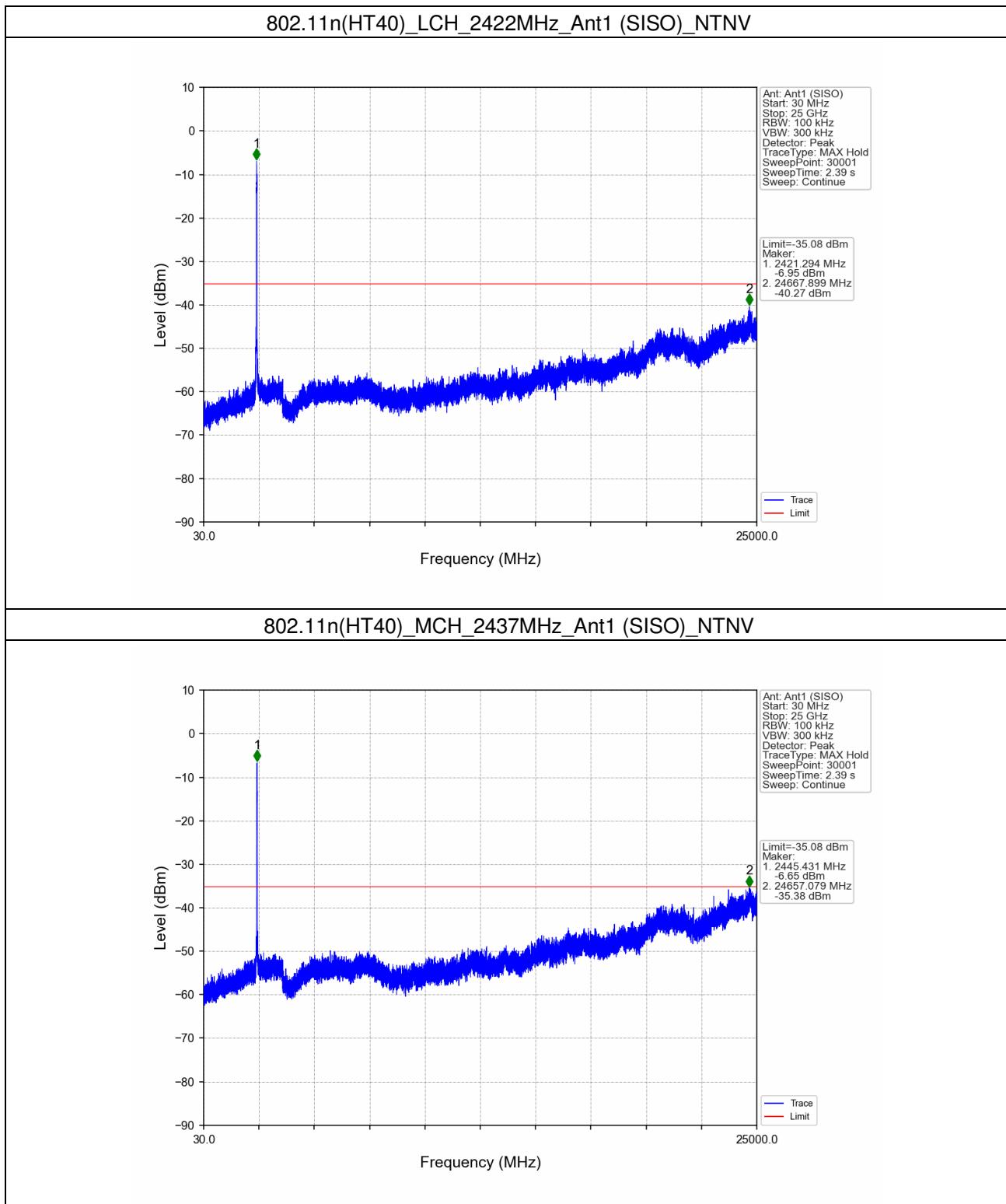
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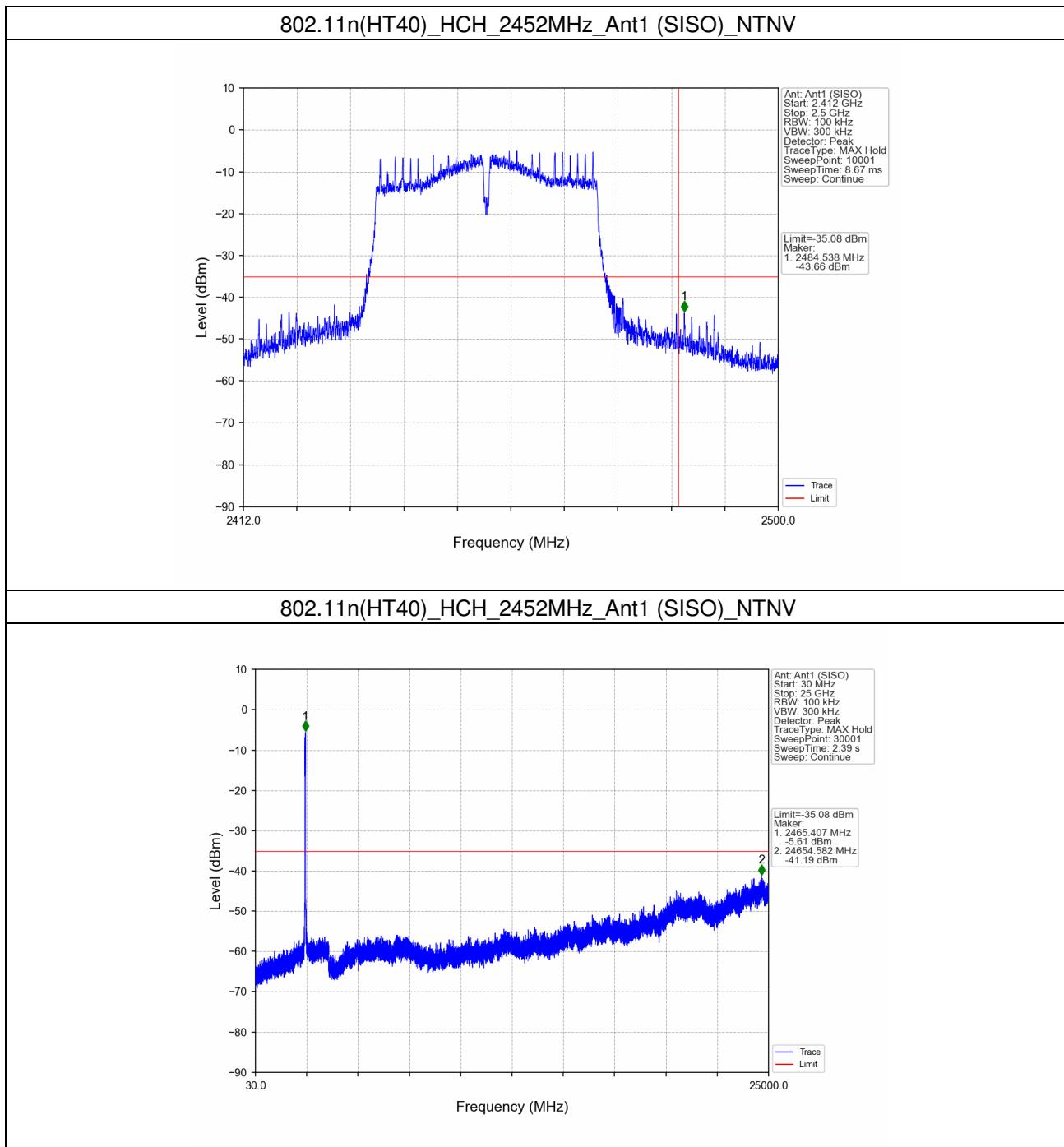
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