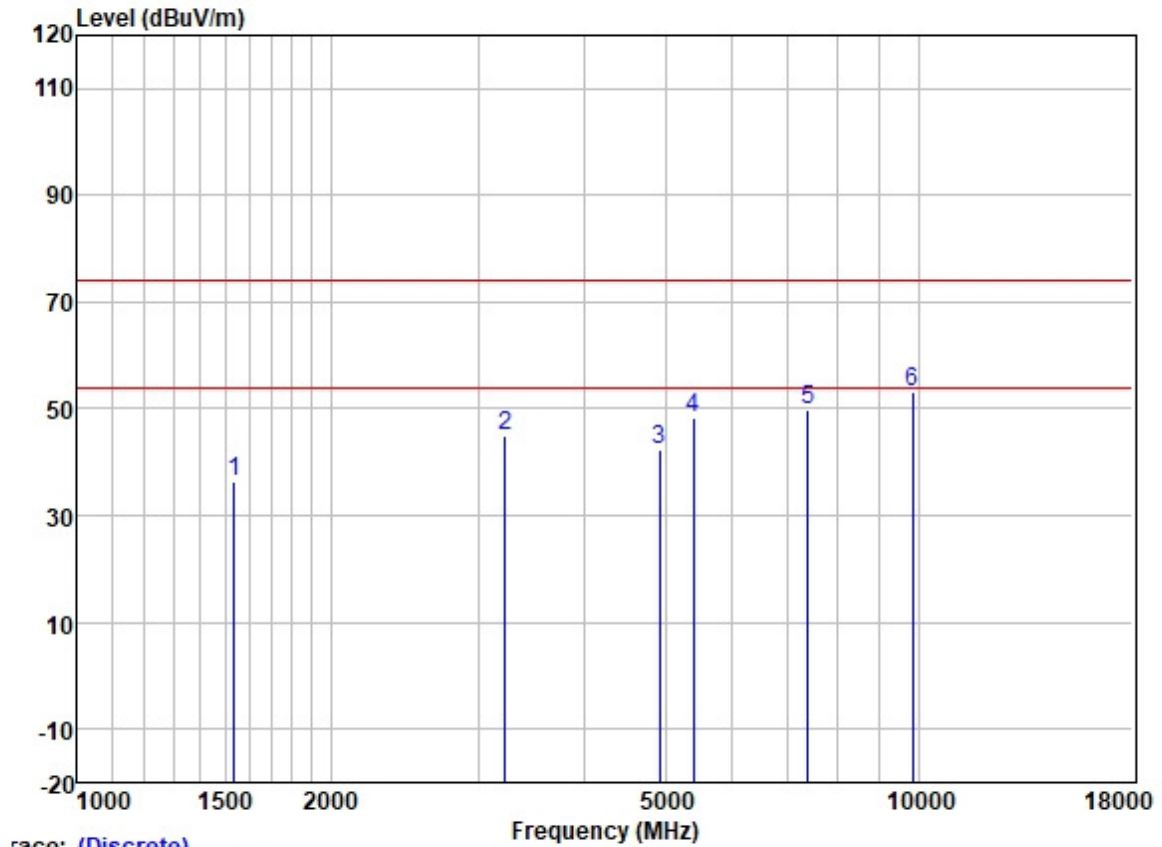
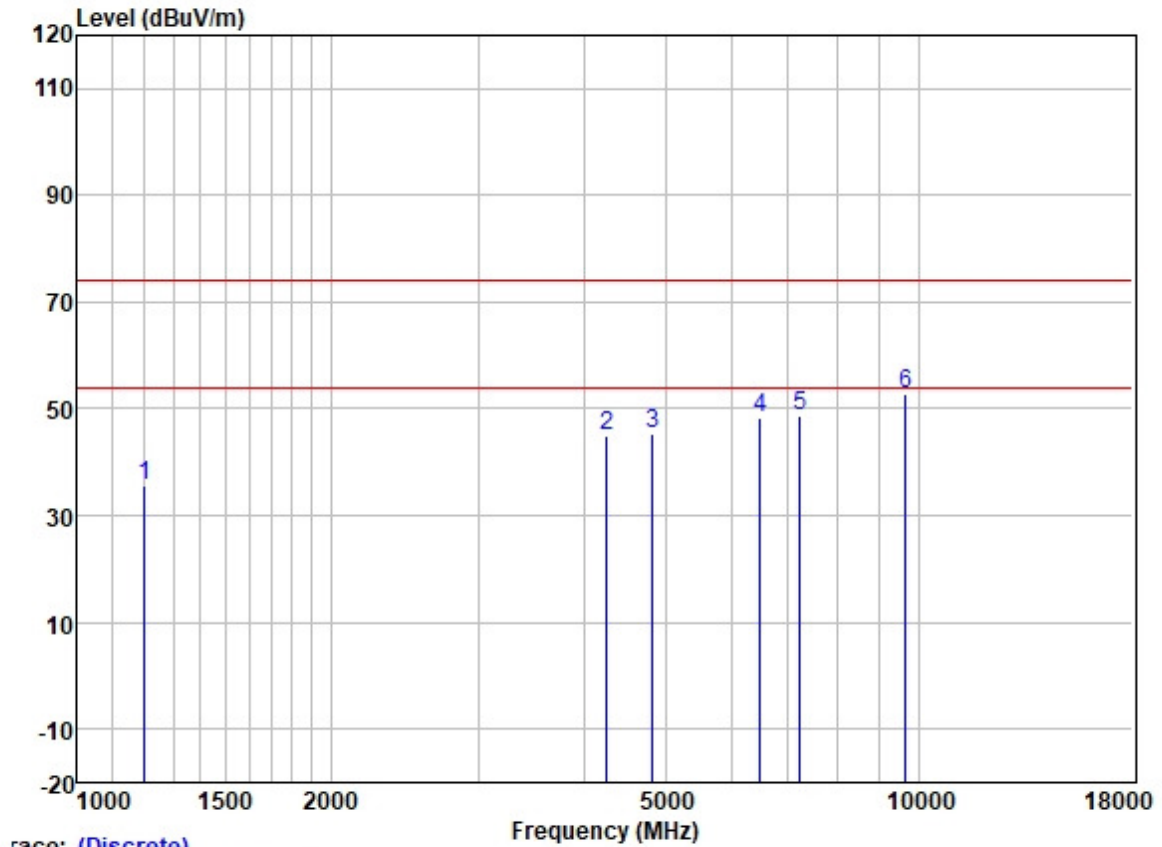


Test Mode: 02; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1534.880	46.19	25.52	2.80	38.07	36.44	74.00	-37.56	VERTICAL	Peak
2	3225.431	49.49	28.63	4.01	37.07	45.06	74.00	-28.94	VERTICAL	Peak
3	4924.000	42.06	31.62	5.60	36.84	42.44	74.00	-31.56	VERTICAL	Peak
4	5399.756	47.37	31.78	6.00	36.88	48.27	74.00	-25.73	VERTICAL	Peak
5	7386.000	44.85	36.17	6.19	37.45	49.76	74.00	-24.24	VERTICAL	Peak
6	9848.000	45.02	38.58	6.99	37.41	53.18	74.00	-20.82	VERTICAL	Peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low

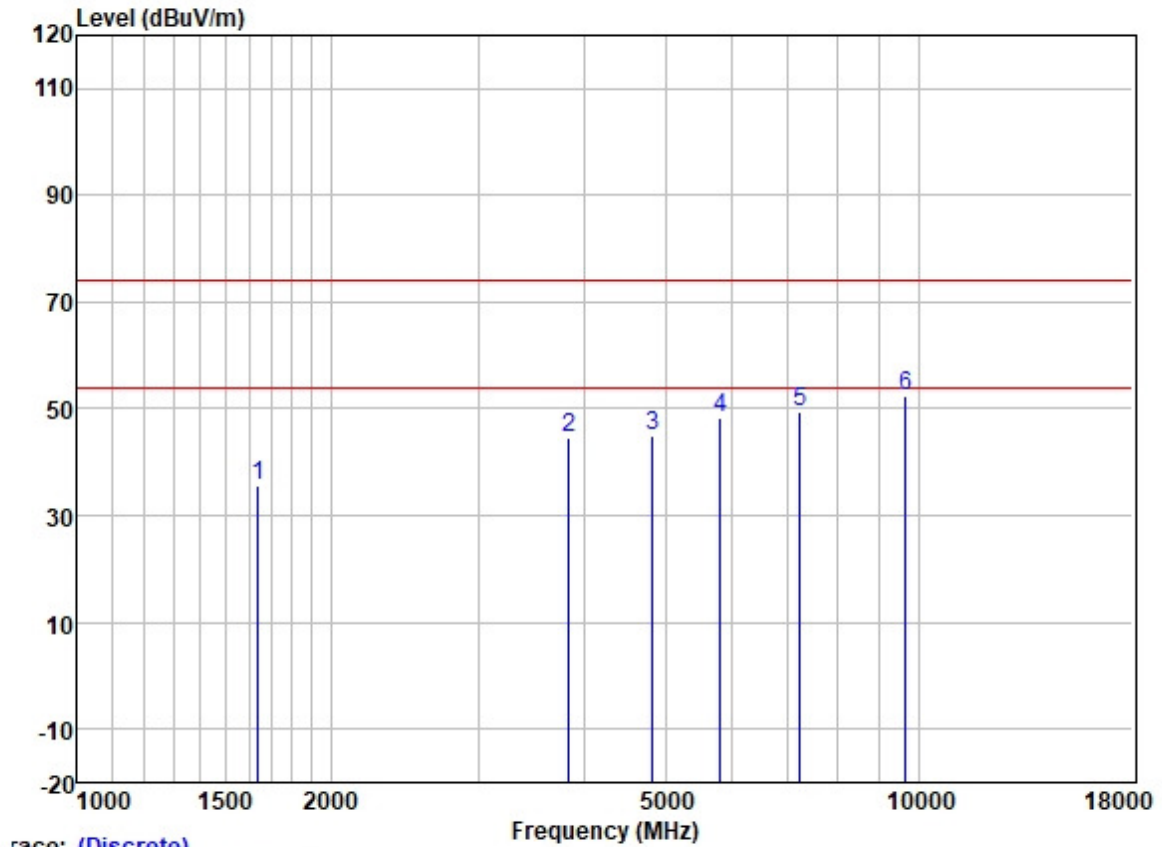


	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1201.072	46.92	24.68	2.34	38.39	35.55	74.00	-38.45	HORIZONTAL	Peak
2	4258.748	46.85	30.34	4.62	36.81	45.00	74.00	-29.00	HORIZONTAL	Peak
3	4824.000	45.47	31.45	5.42	36.83	45.51	74.00	-28.49	HORIZONTAL	Peak
4	6479.316	45.56	33.92	5.86	37.00	48.34	74.00	-25.66	HORIZONTAL	Peak
5	7236.000	44.36	35.70	6.03	37.39	48.70	74.00	-25.30	HORIZONTAL	Peak
6	9648.000	44.69	38.40	7.06	37.42	52.73	74.00	-21.27	HORIZONTAL	Peak



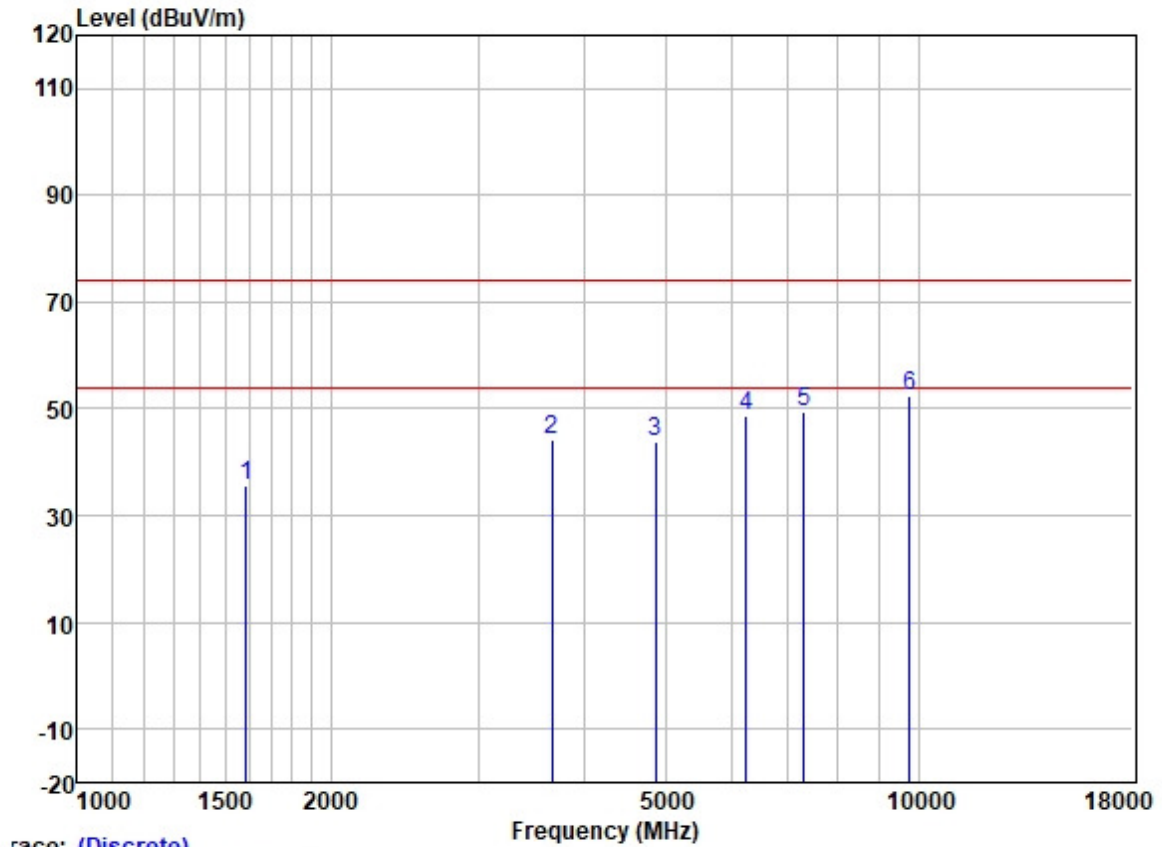
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



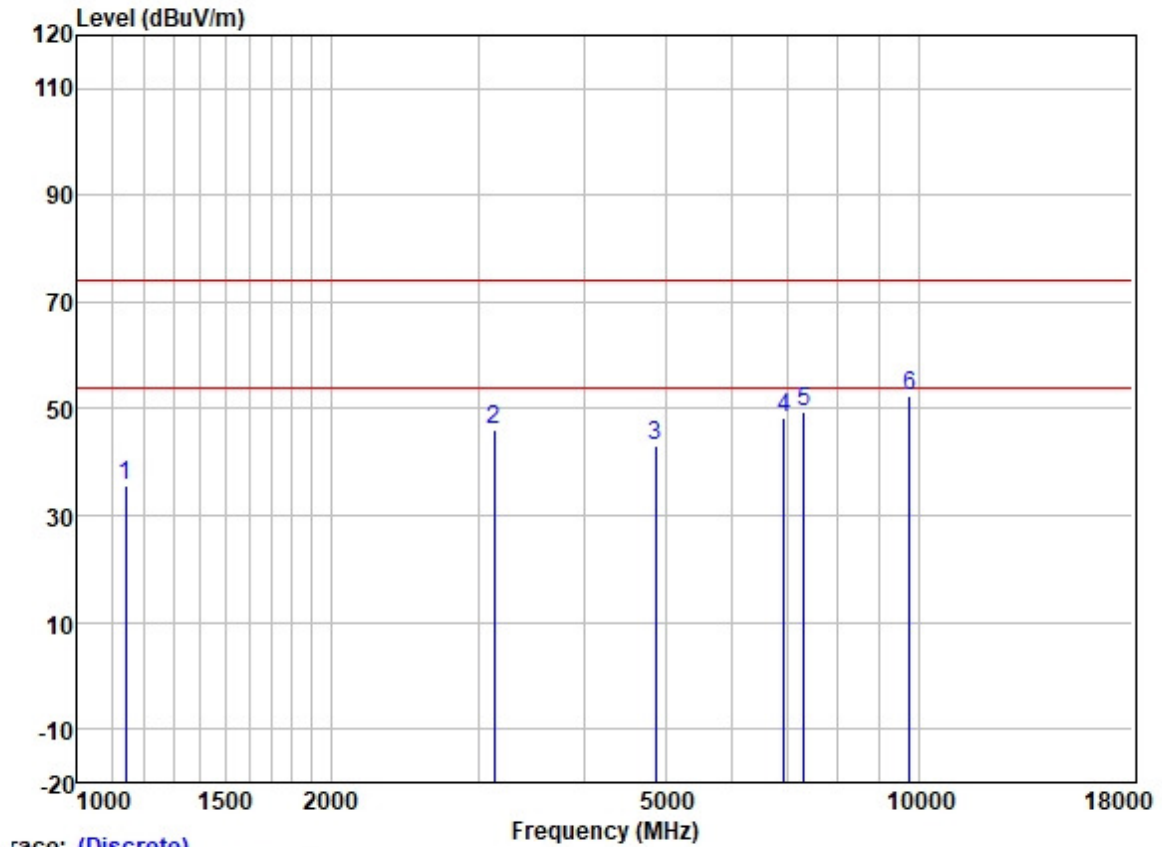
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1640.330	45.05	25.62	2.80	37.93	35.54	74.00	-38.46	VERTICAL	Peak
2	3839.413	47.25	29.59	4.60	36.84	44.60	74.00	-29.40	VERTICAL	Peak
3	4824.000	44.80	31.45	5.42	36.83	44.84	74.00	-29.16	VERTICAL	Peak
4	5807.891	46.94	32.21	6.07	36.89	48.33	74.00	-25.67	VERTICAL	Peak
5	7236.000	45.27	35.70	6.03	37.39	49.61	74.00	-24.39	VERTICAL	Peak
6	9648.000	44.50	38.40	7.06	37.42	52.54	74.00	-21.46	VERTICAL	Peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



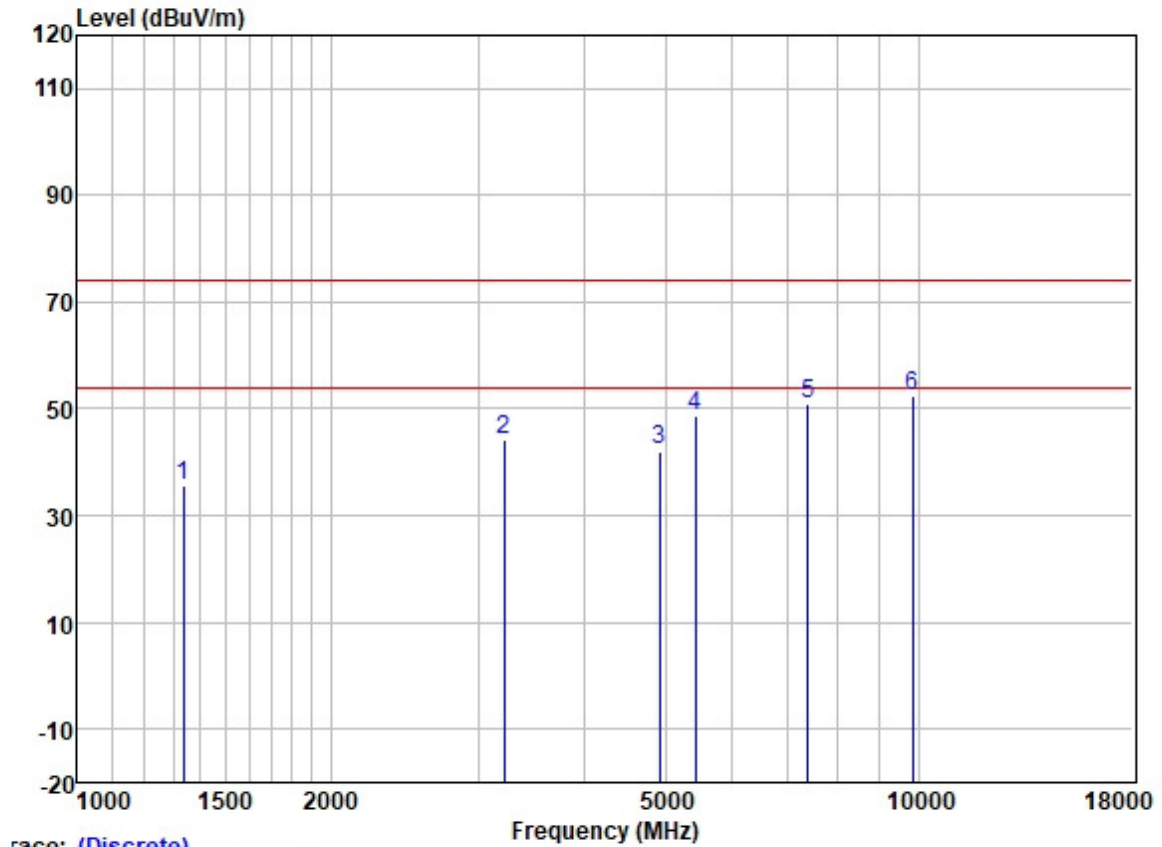
	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1588.654	45.38	25.57	2.80	37.98	35.77	74.00	-38.23	HORIZONTAL Peak
2	3671.175	47.27	29.17	4.54	36.88	44.10	74.00	-29.90	HORIZONTAL Peak
3	4874.000	43.68	31.54	5.50	36.84	43.88	74.00	-30.12	HORIZONTAL Peak
4	6234.769	46.43	33.11	6.04	36.94	48.64	74.00	-25.36	HORIZONTAL Peak
5	7311.000	44.64	35.93	6.11	37.42	49.26	74.00	-24.74	HORIZONTAL Peak
6	9748.000	44.37	38.50	7.02	37.41	52.48	74.00	-21.52	HORIZONTAL Peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1142.575	47.28	24.47	2.30	38.42	35.63	74.00	-38.37	VERTICAL	Peak
2	3127.685	50.69	28.51	3.95	37.14	46.01	74.00	-27.99	VERTICAL	Peak
3	4874.000	43.01	31.54	5.50	36.84	43.21	74.00	-30.79	VERTICAL	Peak
4	6918.759	44.93	34.89	5.81	37.19	48.44	74.00	-25.56	VERTICAL	Peak
5	7311.000	44.99	35.93	6.11	37.42	49.61	74.00	-24.39	VERTICAL	Peak
6	9748.000	44.30	38.50	7.02	37.41	52.41	74.00	-21.59	VERTICAL	Peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



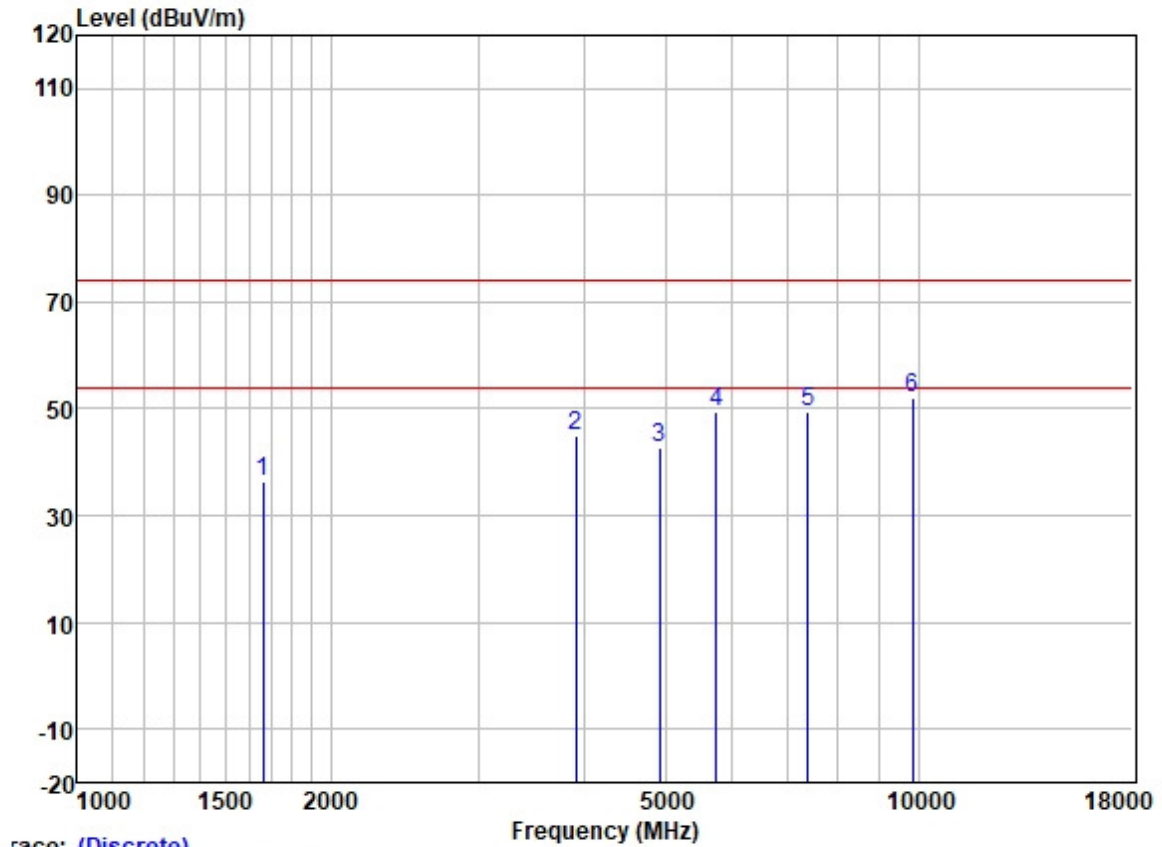
	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1338.352	46.02	25.29	2.60	38.27	35.64	74.00	-38.36	HORIZONTAL Peak
2	3214.288	48.65	28.61	4.01	37.07	44.20	74.00	-29.80	HORIZONTAL Peak
3	4924.000	41.78	31.62	5.60	36.84	42.16	74.00	-31.84	HORIZONTAL Peak
4	5435.475	47.66	31.79	6.20	36.88	48.77	74.00	-25.23	HORIZONTAL Peak
5	7386.000	45.95	36.17	6.19	37.45	50.86	74.00	-23.14	HORIZONTAL Peak
6	9848.000	44.21	38.58	6.99	37.41	52.37	74.00	-21.63	HORIZONTAL Peak



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

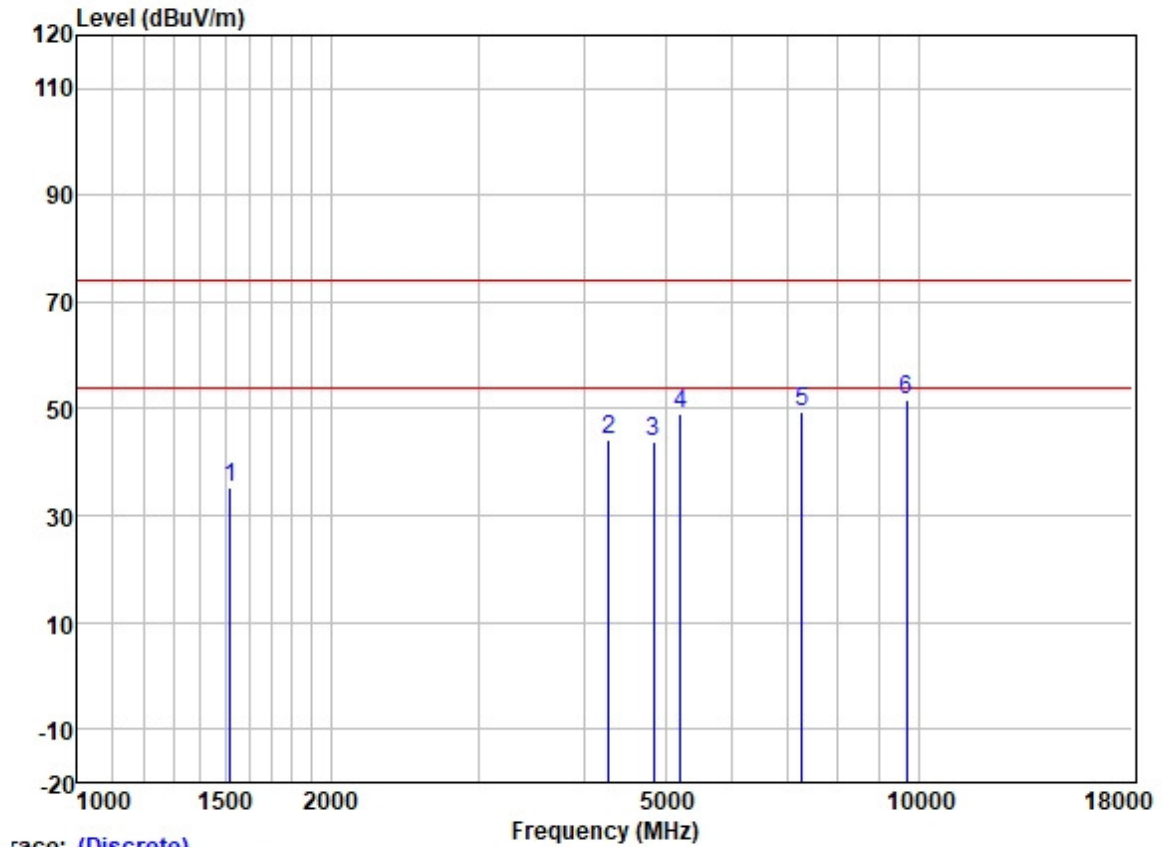
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



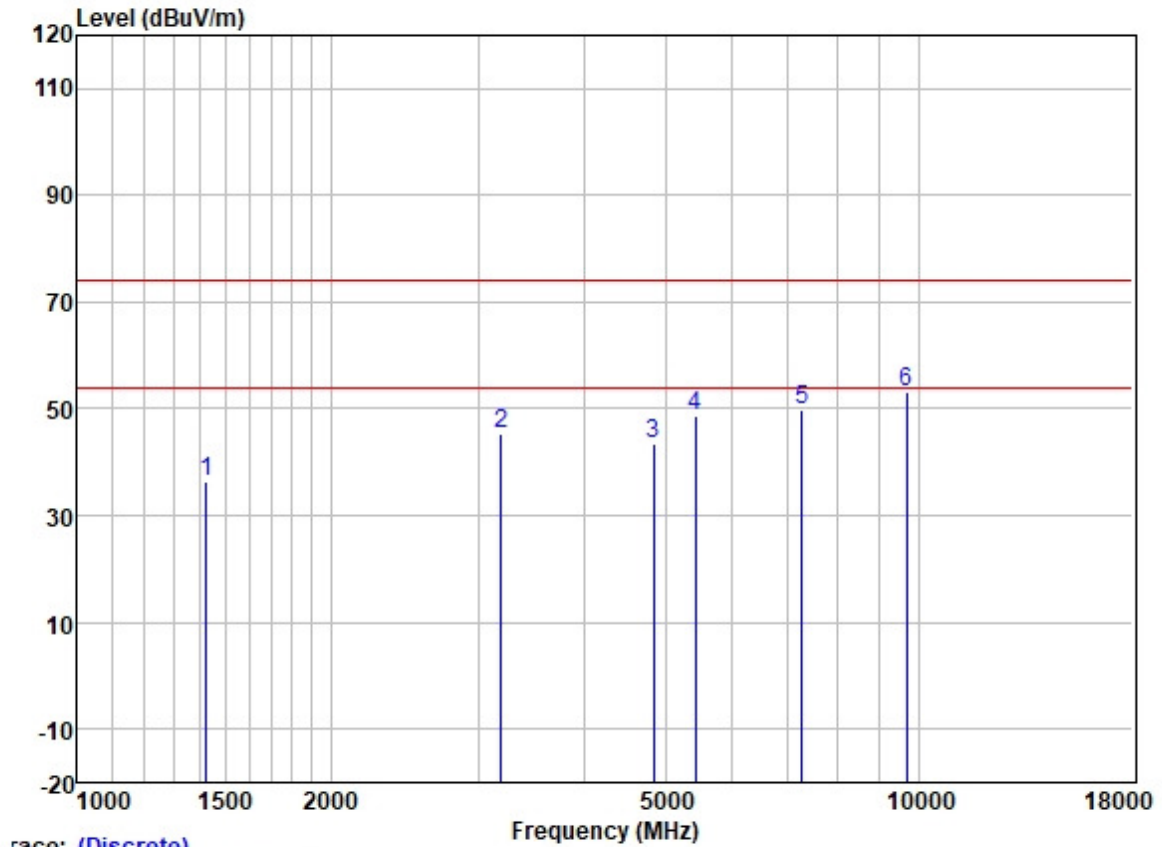
	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1661.880	45.72	25.65	2.80	37.93	36.24	74.00	-37.76	VERTICAL	Peak
2	3910.096	47.66	29.70	4.60	36.82	45.14	74.00	-28.86	VERTICAL	Peak
3	4924.000	42.16	31.62	5.60	36.84	42.54	74.00	-31.46	VERTICAL	Peak
4	5755.576	48.18	32.13	6.15	36.89	49.57	74.00	-24.43	VERTICAL	Peak
5	7386.000	44.67	36.17	6.19	37.45	49.58	74.00	-24.42	VERTICAL	Peak
6	9848.000	43.83	38.58	6.99	37.41	51.99	74.00	-22.01	VERTICAL	Peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

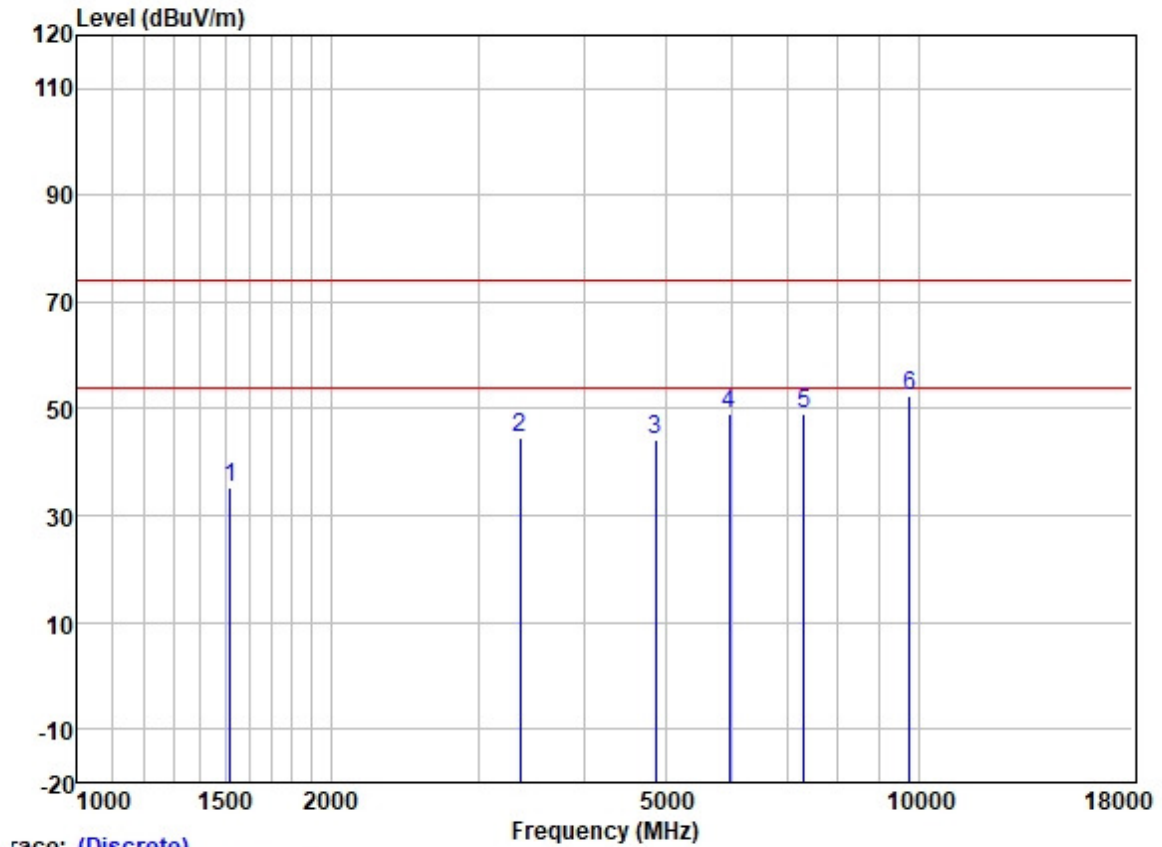


	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1520.211	44.94	25.51	2.80	38.07	35.18	74.00	-38.82	HORIZONTAL	Peak
2	4288.282	45.97	30.45	4.64	36.81	44.25	74.00	-29.75	HORIZONTAL	Peak
3	4844.000	43.87	31.50	5.45	36.84	43.98	74.00	-30.02	HORIZONTAL	Peak
4	5209.922	48.68	31.74	5.65	36.87	49.20	74.00	-24.80	HORIZONTAL	Peak
5	7266.000	44.85	35.78	6.06	37.41	49.28	74.00	-24.72	HORIZONTAL	Peak
6	9688.000	43.70	38.44	7.04	37.42	51.76	74.00	-22.24	HORIZONTAL	Peak

Test Mode: 02; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 40MHz; Channel: Low

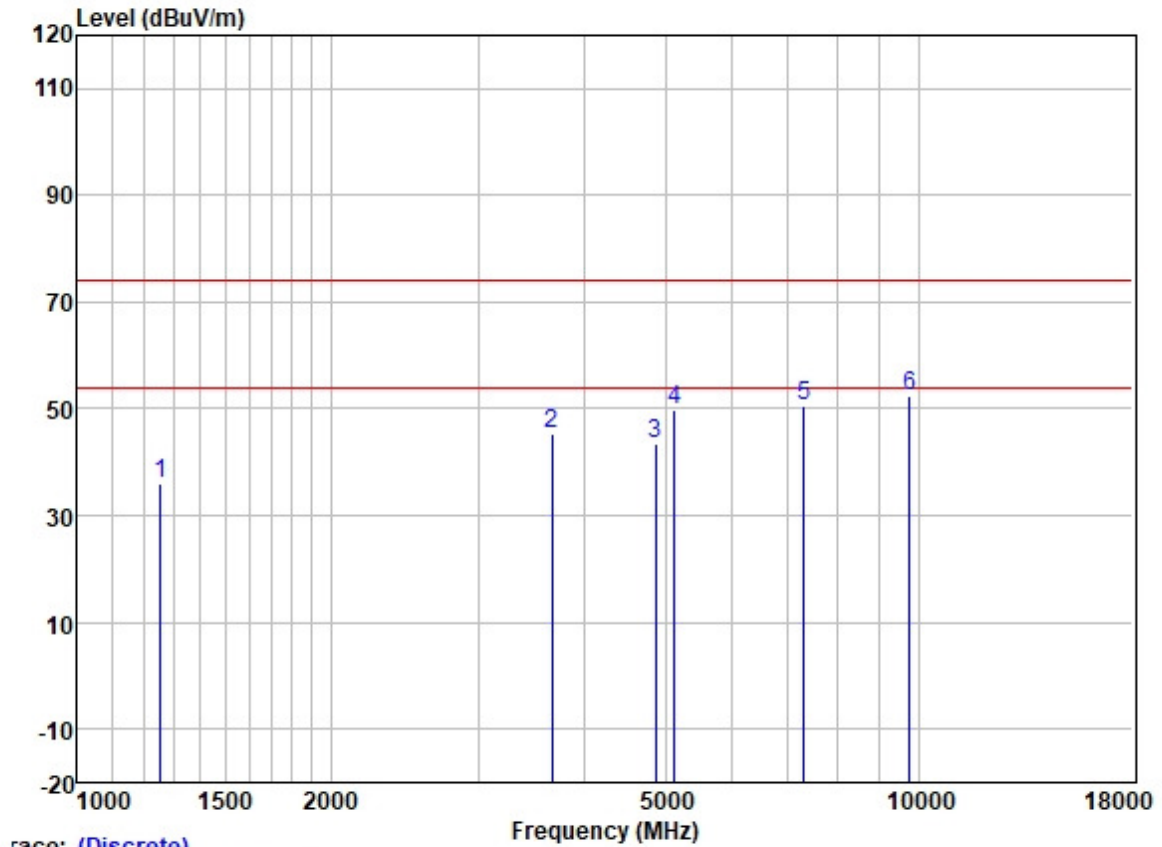


Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1519.255	45.19	25.51	2.80	38.07	35.43	74.00	-38.57	HORIZONTAL	Peak
2	3358.120	48.61	28.81	4.09	37.01	44.50	74.00	-29.50	HORIZONTAL	Peak
3	4874.000	44.05	31.54	5.50	36.84	44.25	74.00	-29.75	HORIZONTAL	Peak
4	5955.545	47.46	32.36	6.05	36.90	48.97	74.00	-25.03	HORIZONTAL	Peak
5	7311.000	44.43	35.93	6.11	37.42	49.05	74.00	-24.95	HORIZONTAL	Peak
6	9748.000	44.37	38.50	7.02	37.41	52.48	74.00	-21.52	HORIZONTAL	Peak

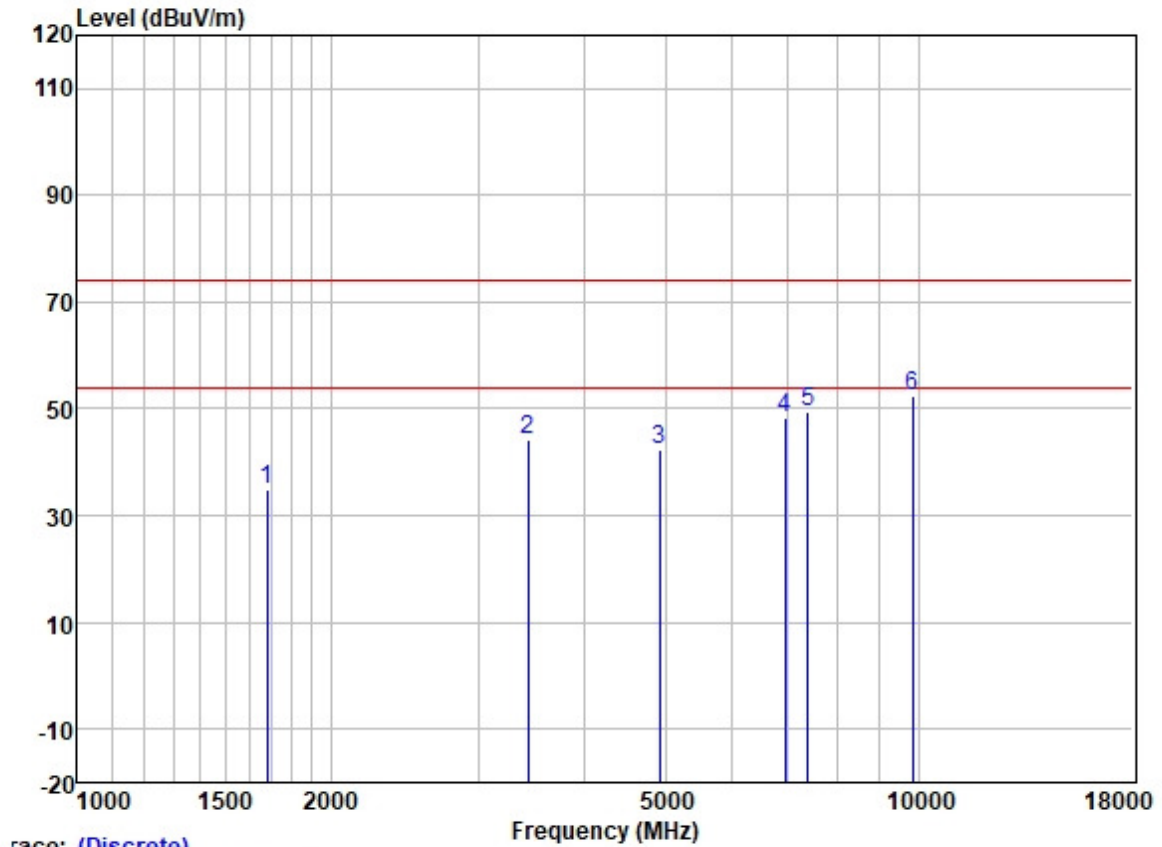
Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



race: (Discrete)

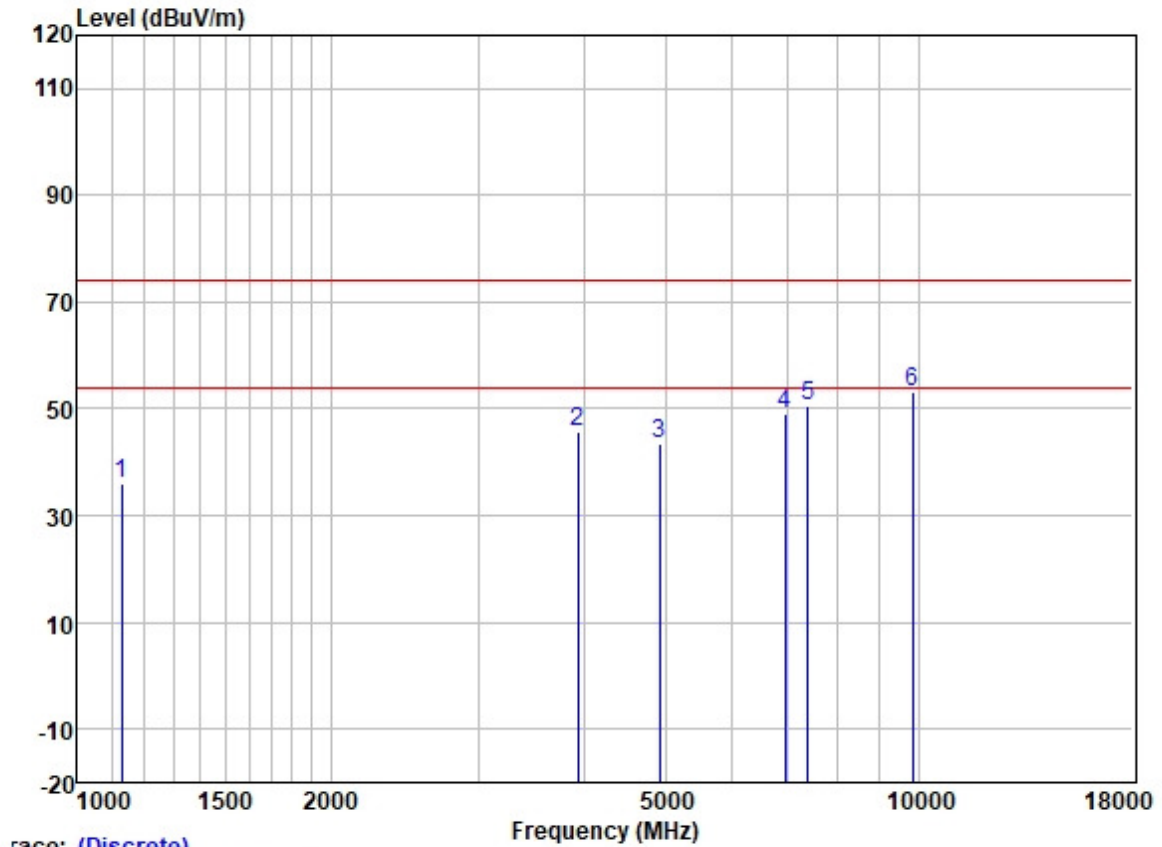
	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1254.621	46.96	25.03	2.36	38.35	36.00	74.00	-38.00	VERTICAL Peak
2	3662.539	48.37	29.15	4.53	36.88	45.17	74.00	-28.83	VERTICAL Peak
3	4874.000	43.40	31.54	5.50	36.84	43.60	74.00	-30.40	VERTICAL Peak
4	5129.353	49.18	31.72	5.63	36.86	49.67	74.00	-24.33	VERTICAL Peak
5	7311.000	46.11	35.93	6.11	37.42	50.73	74.00	-23.27	VERTICAL Peak
6	9748.000	44.44	38.50	7.02	37.41	52.55	74.00	-21.45	VERTICAL Peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1682.843	44.45	25.68	2.80	37.91	35.02	74.00	-38.98	HORIZONTAL Peak
2	3437.963	48.30	28.87	4.16	36.96	44.37	74.00	-29.63	HORIZONTAL Peak
3	4924.000	41.82	31.62	5.60	36.84	42.20	74.00	-31.80	HORIZONTAL Peak
4	6945.285	44.82	34.95	5.81	37.21	48.37	74.00	-25.63	HORIZONTAL Peak
5	7386.000	44.55	36.17	6.19	37.45	49.46	74.00	-24.54	HORIZONTAL Peak
6	9848.000	44.32	38.58	6.99	37.41	52.48	74.00	-21.52	HORIZONTAL Peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1129.770	47.66	24.43	2.20	38.43	35.86	74.00	-38.14	VERTICAL	Peak
2	3939.625	48.15	29.73	4.60	36.81	45.67	74.00	-28.33	VERTICAL	Peak
3	4924.000	43.17	31.62	5.60	36.84	43.55	74.00	-30.45	VERTICAL	Peak
4	6945.912	45.52	34.95	5.81	37.21	49.07	74.00	-24.93	VERTICAL	Peak
5	7386.000	45.65	36.17	6.19	37.45	50.56	74.00	-23.44	VERTICAL	Peak
6	9848.000	44.95	38.58	6.99	37.41	53.11	74.00	-20.89	VERTICAL	Peak

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR2109021039AT

9 EUT Constructional Details (EUT Photos)

Refer to external and internal photos for GZCR2109021039AT



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

10 Appendix

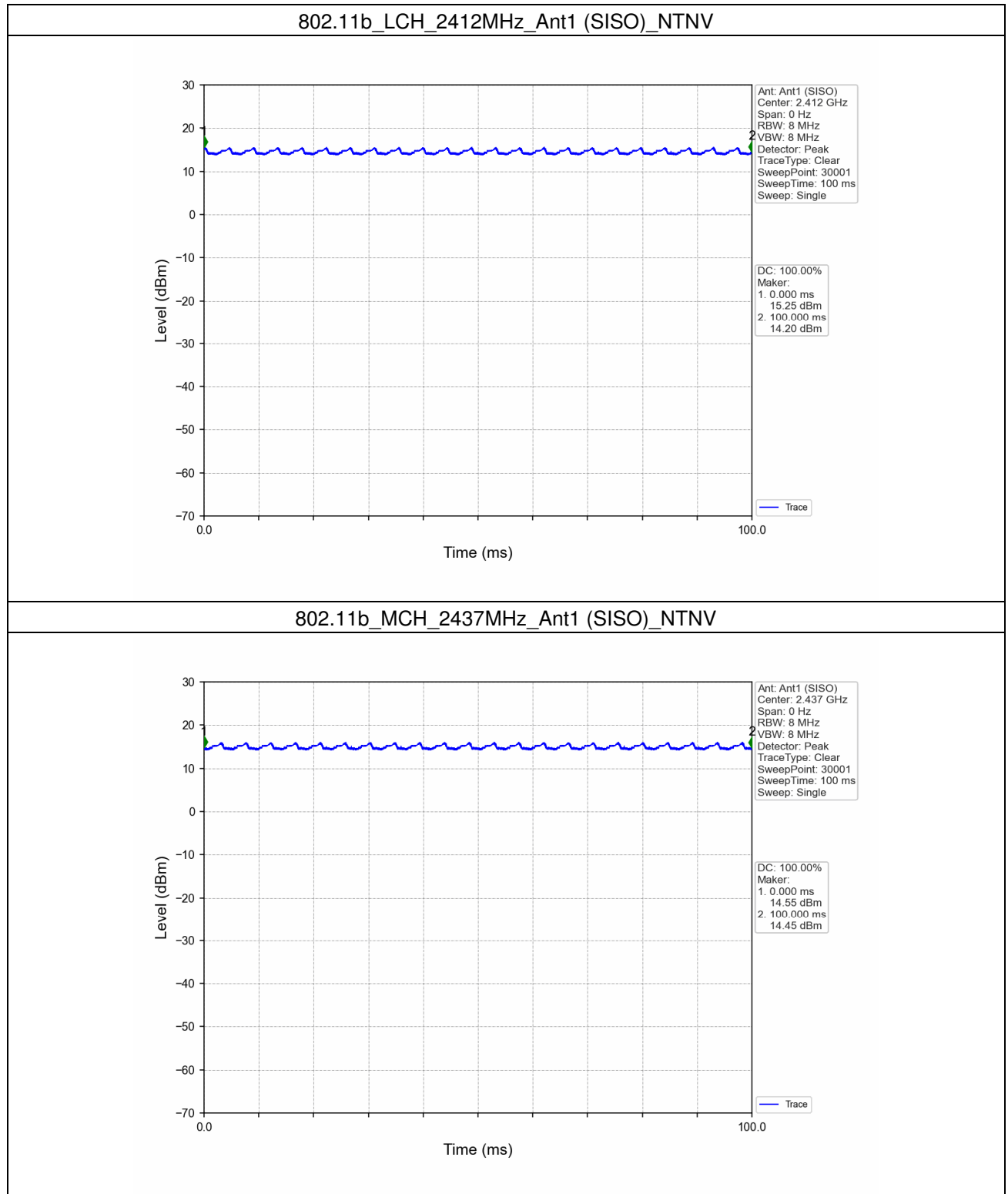
1. Duty Cycle

1.1 Ant1

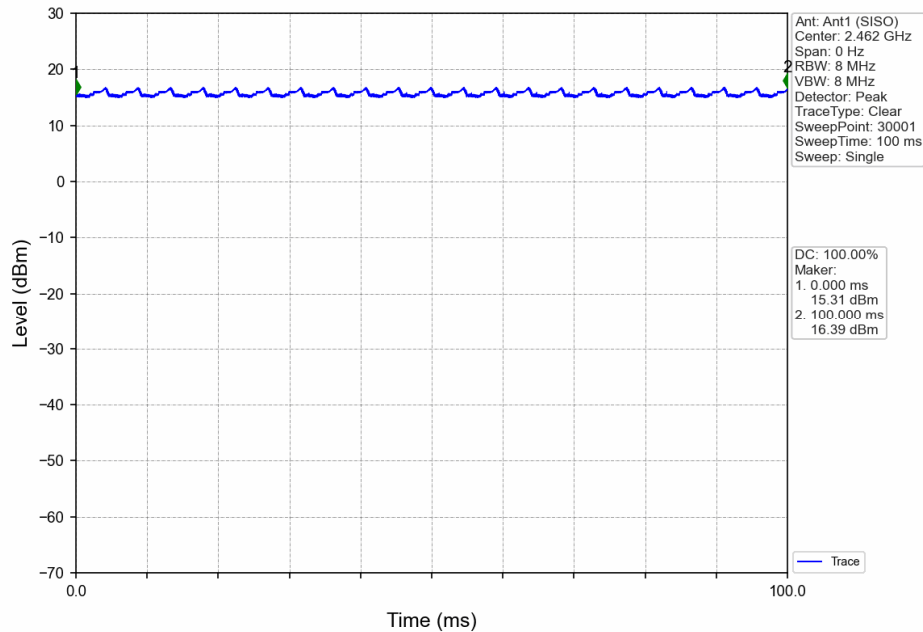
1.1.1 Test Result

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	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2462	100.000	100.000	100.00	0.00	0.00
802.11g	SISO	2412	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2462	100.000	100.000	100.00	0.00	0.00
802.11n (HT20)	SISO	2412	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2462	100.000	100.000	100.00	0.00	0.00
802.11n (HT40)	SISO	2422	100.000	100.000	100.00	0.00	0.00
		2437	100.000	100.000	100.00	0.00	0.00
		2452	100.000	100.000	100.00	0.00	0.00

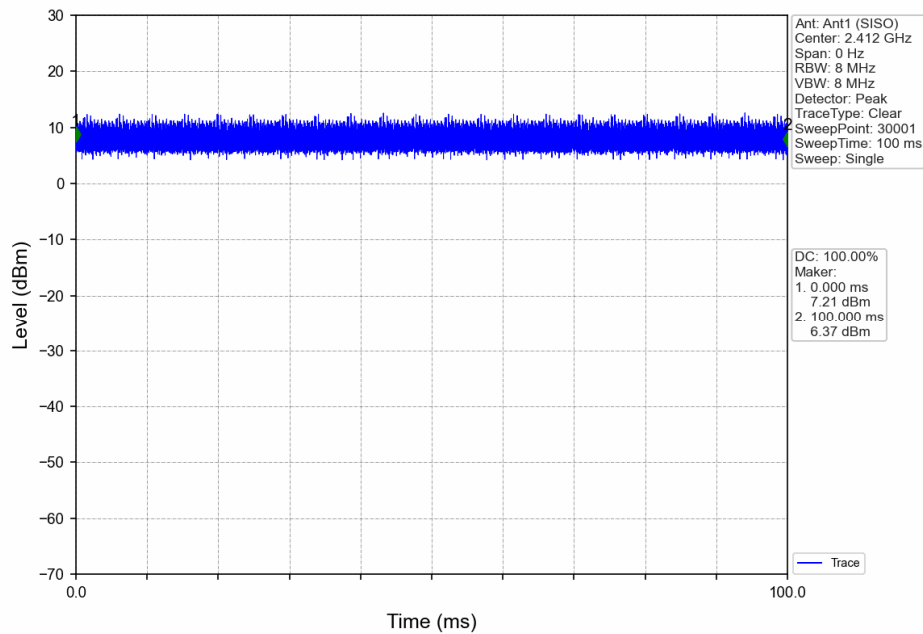
1.1.2 Test Graph



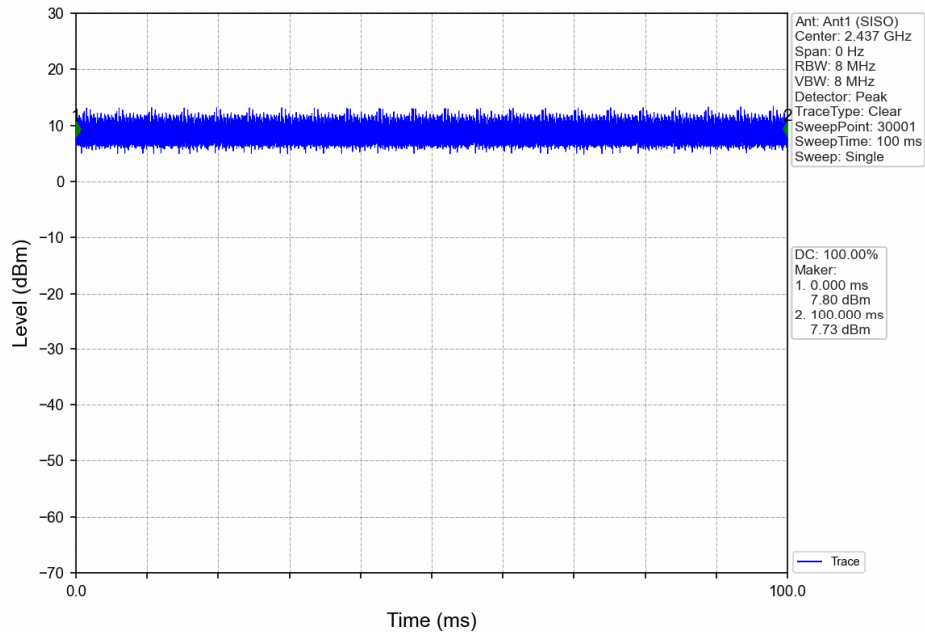
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



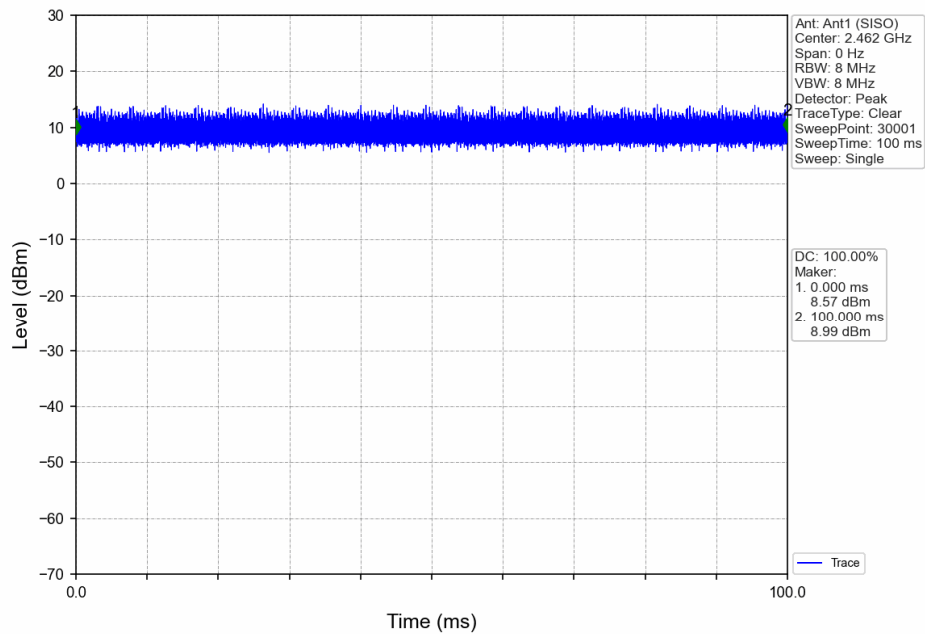
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



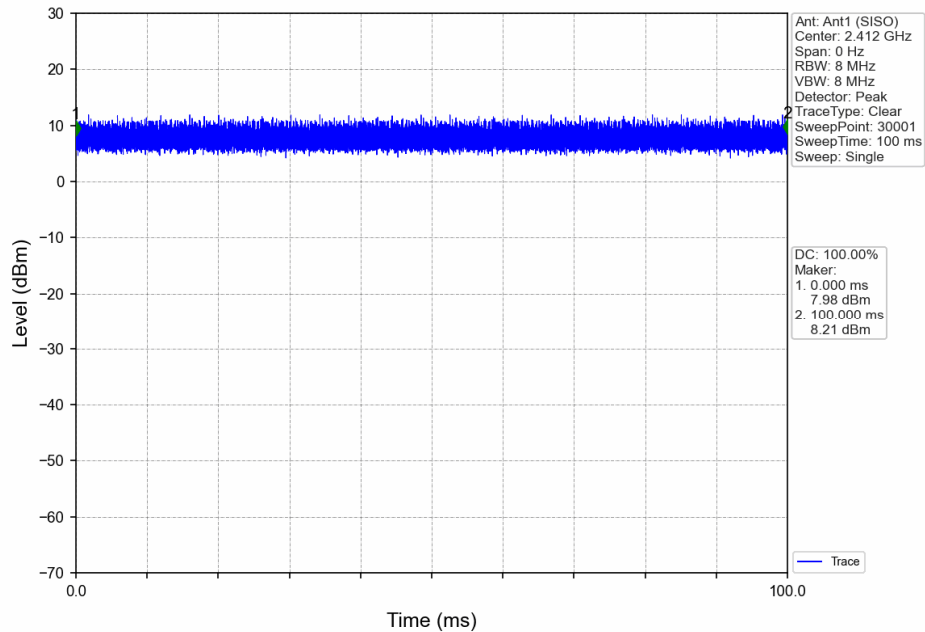
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



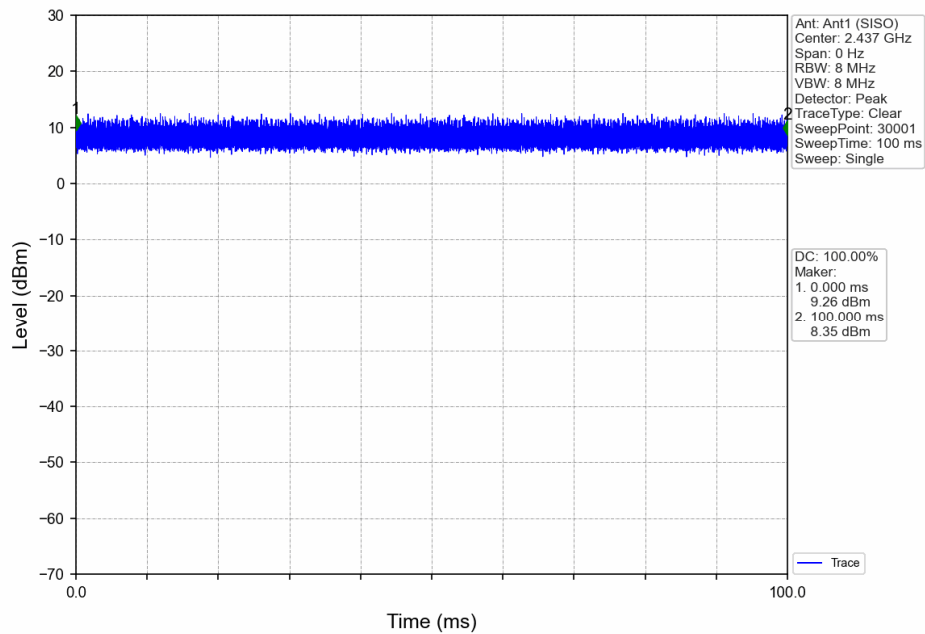
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



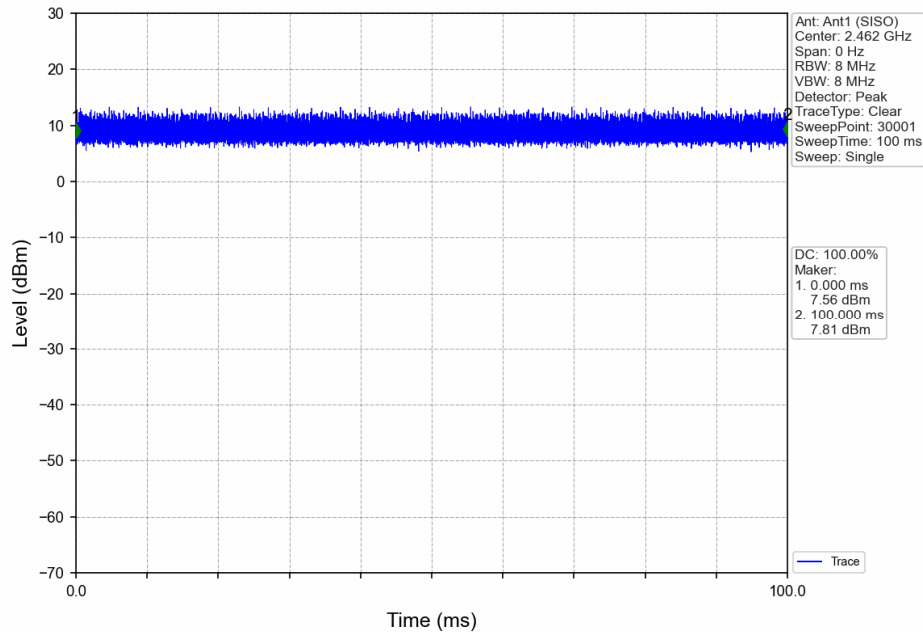
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



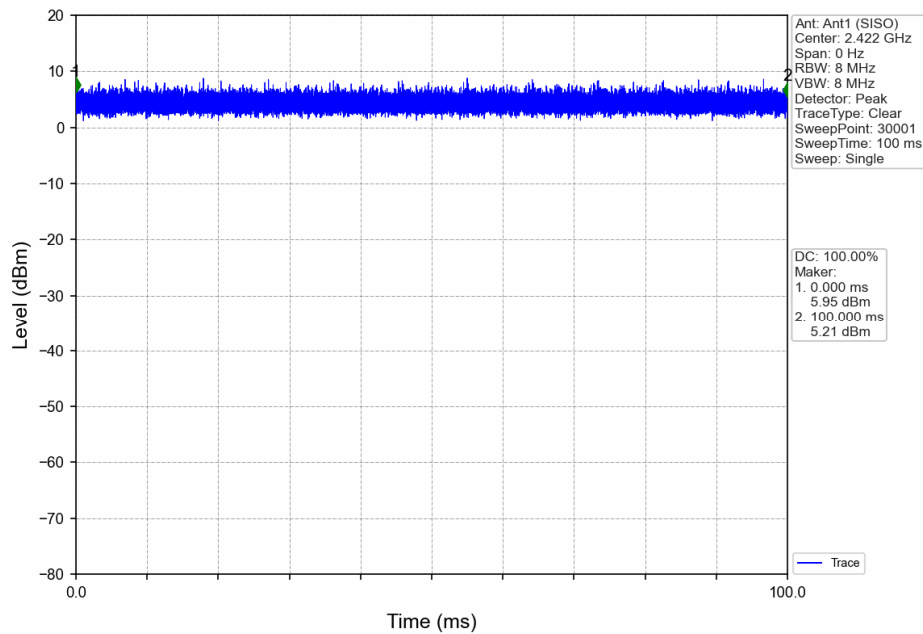
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



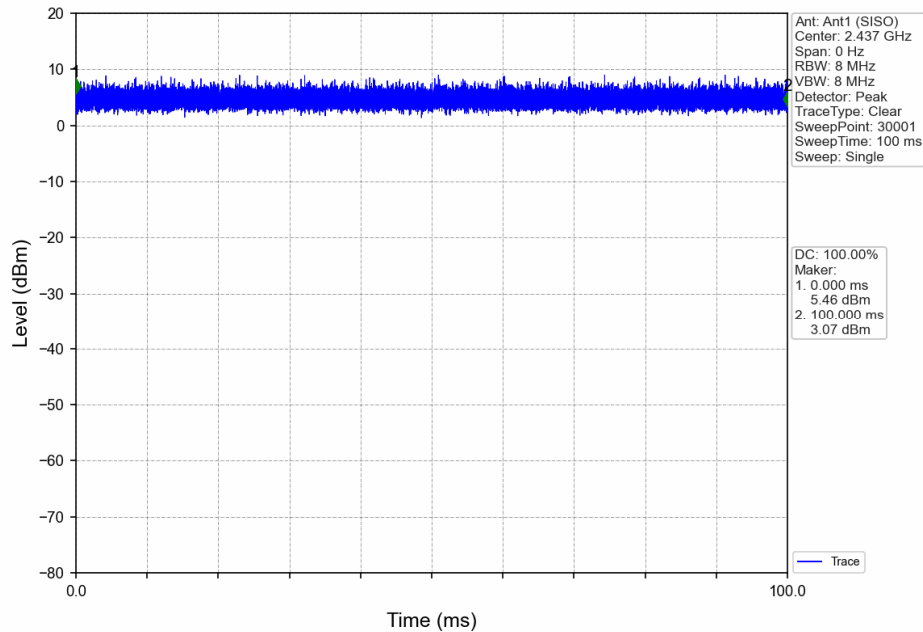
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



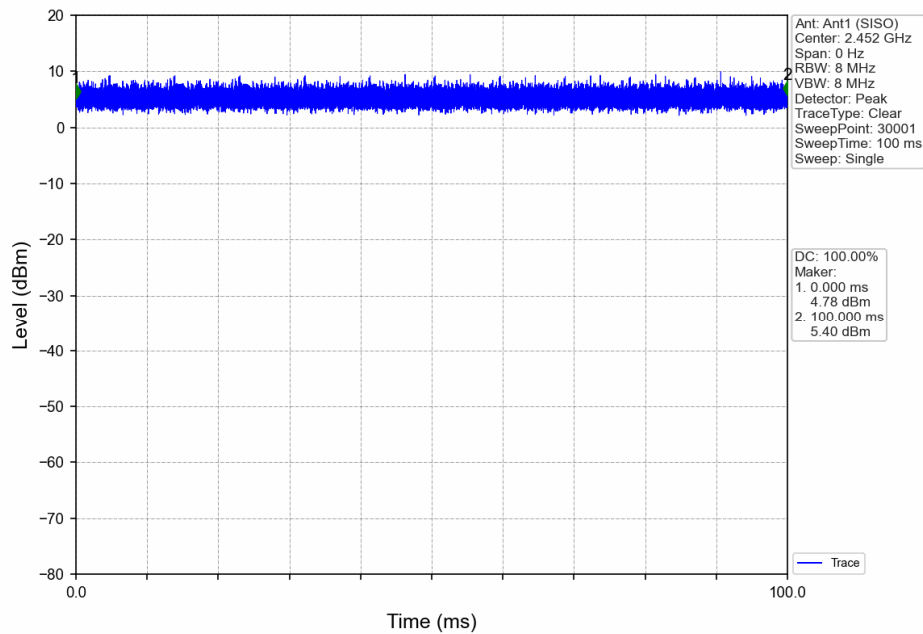
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



2. Bandwidth

2.1 6dB BW

2.1.1 Test Result

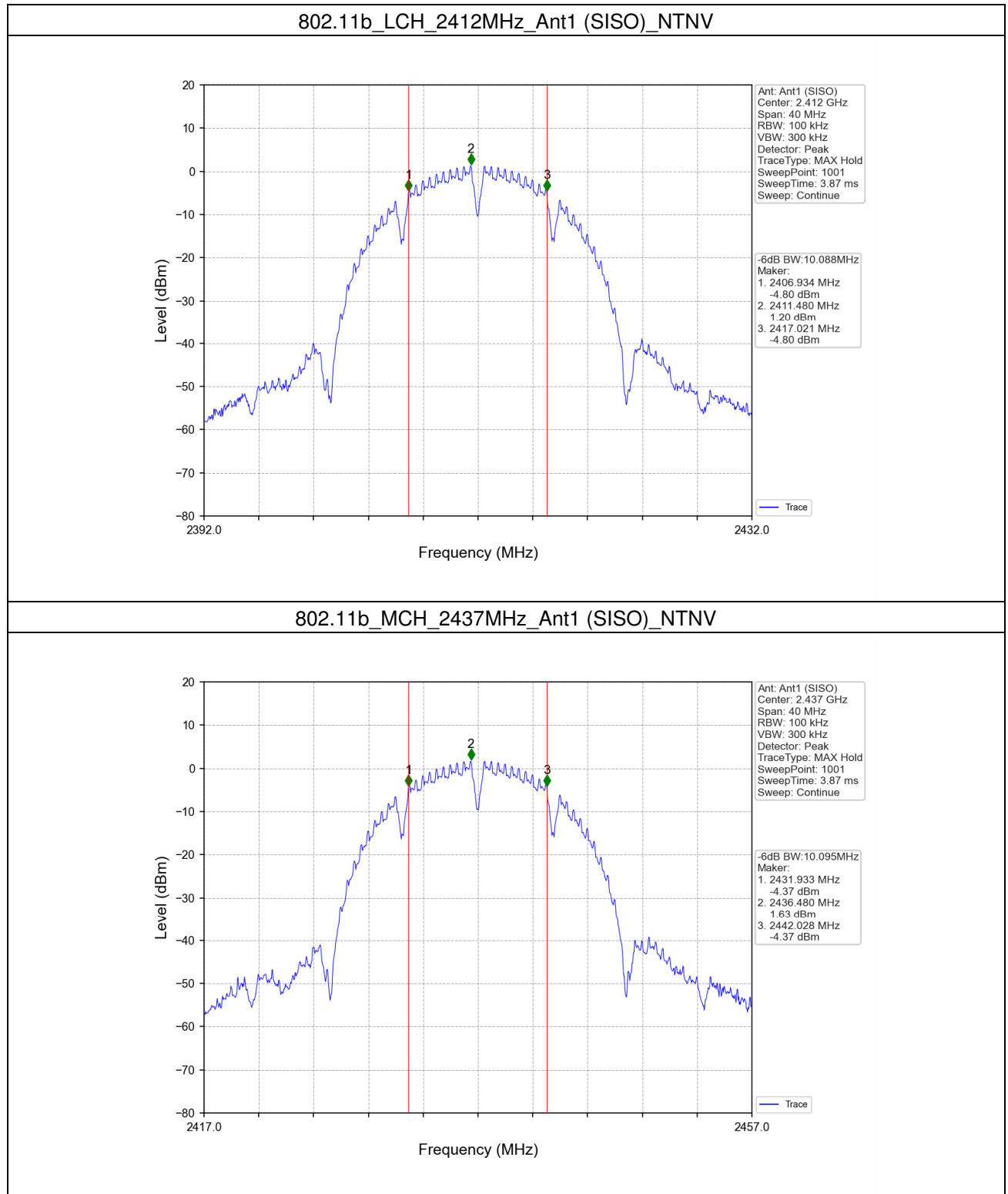
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	10.088	≥ 0.5	Pass
		2437	1	10.095	≥ 0.5	Pass
		2462	1	10.085	≥ 0.5	Pass
802.11g	SISO	2412	1	16.607	≥ 0.5	Pass
		2437	1	16.606	≥ 0.5	Pass
		2462	1	16.605	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.787	≥ 0.5	Pass
		2437	1	17.804	≥ 0.5	Pass
		2462	1	17.802	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	36.385	≥ 0.5	Pass
		2437	1	36.374	≥ 0.5	Pass
		2452	1	36.353	≥ 0.5	Pass



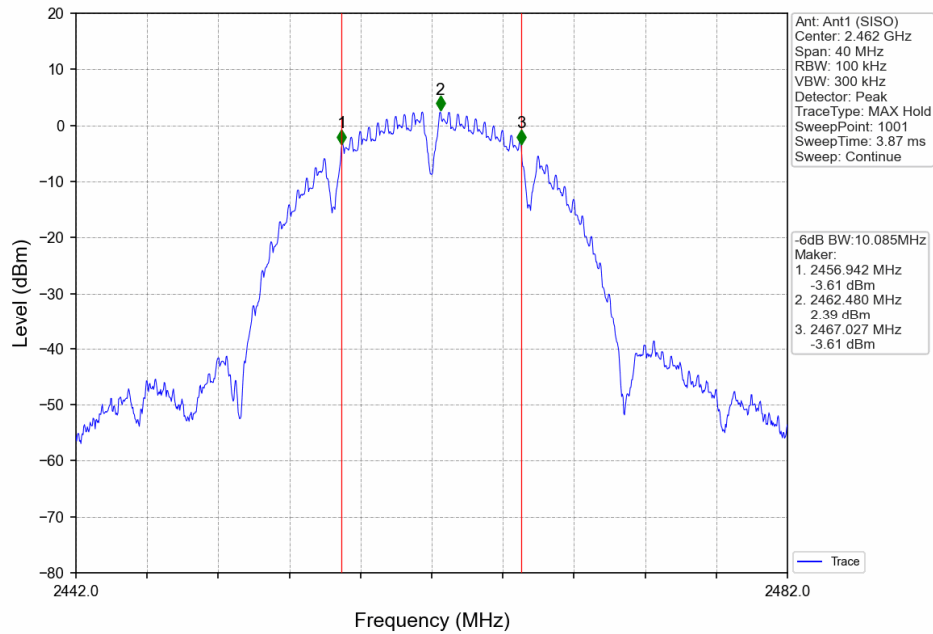
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

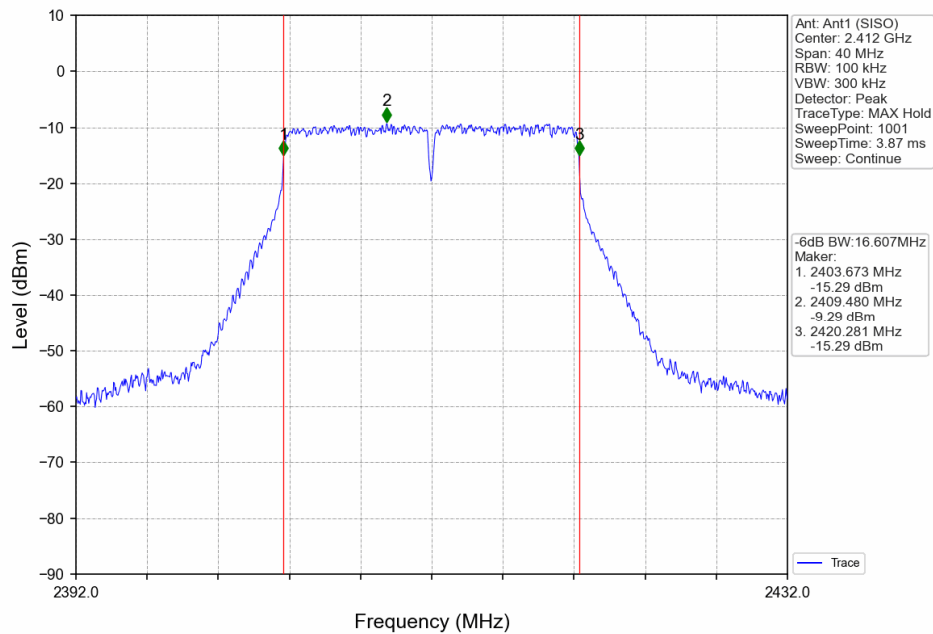
2.2.2 Test Graph



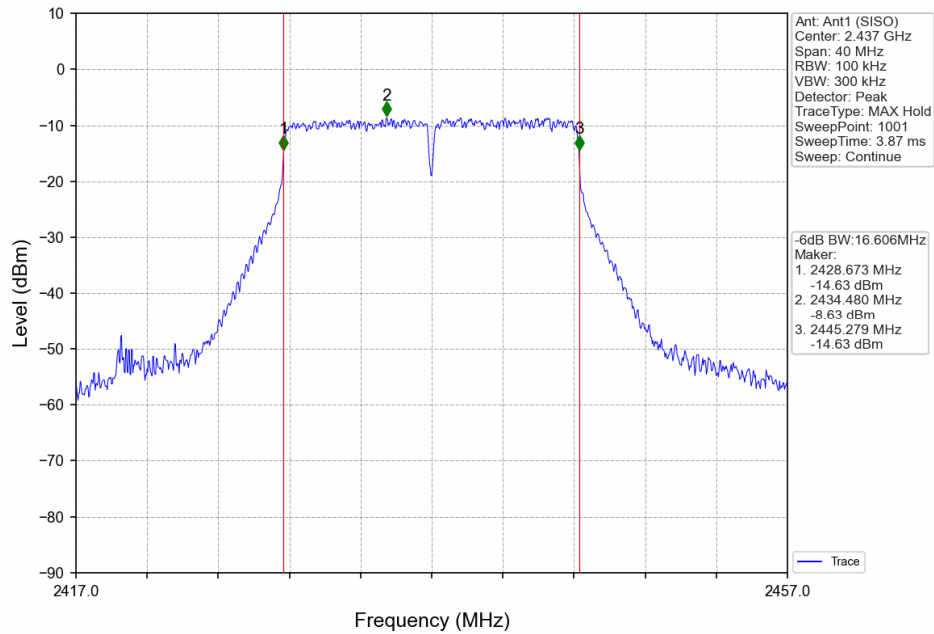
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



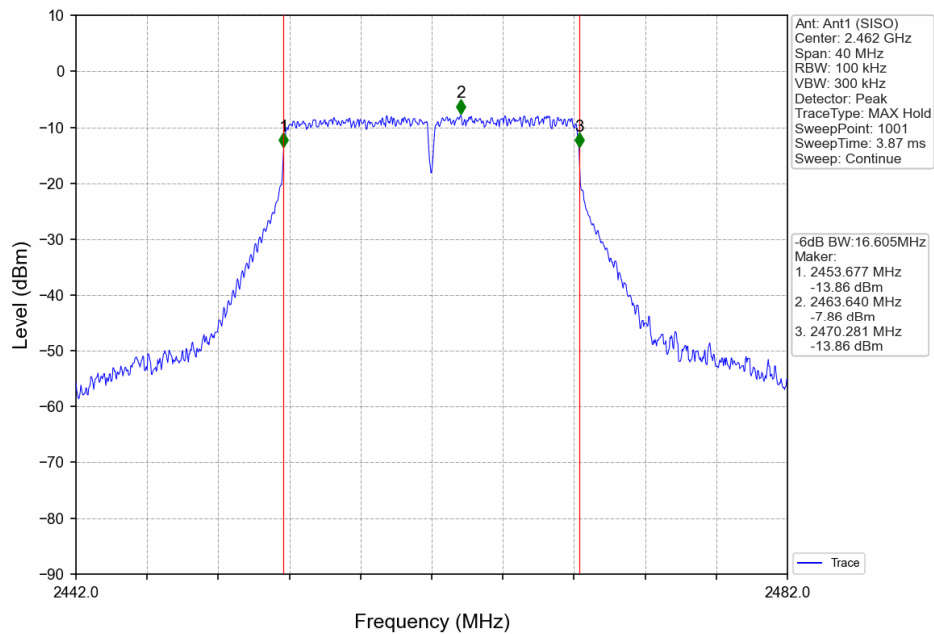
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



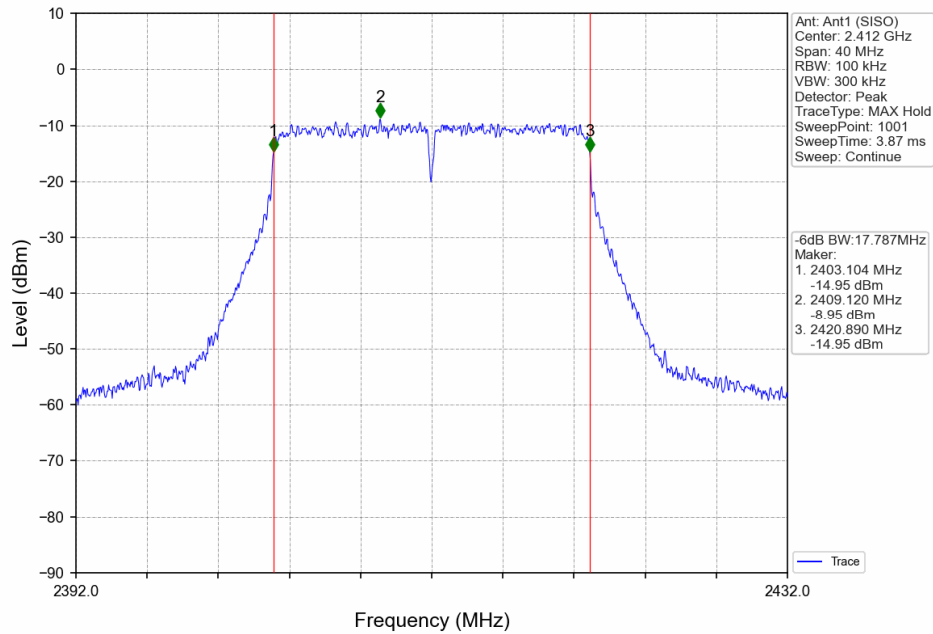
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



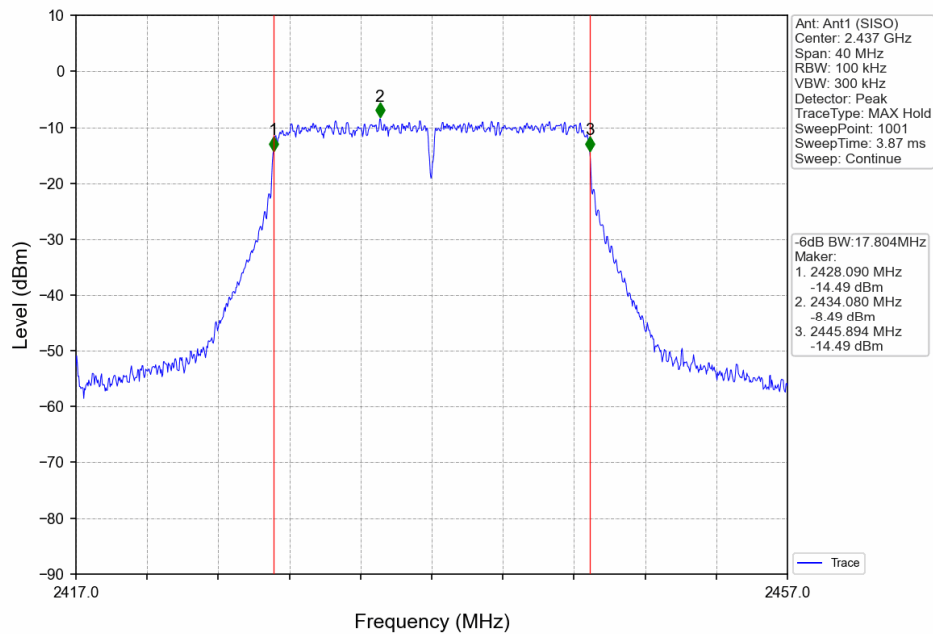
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



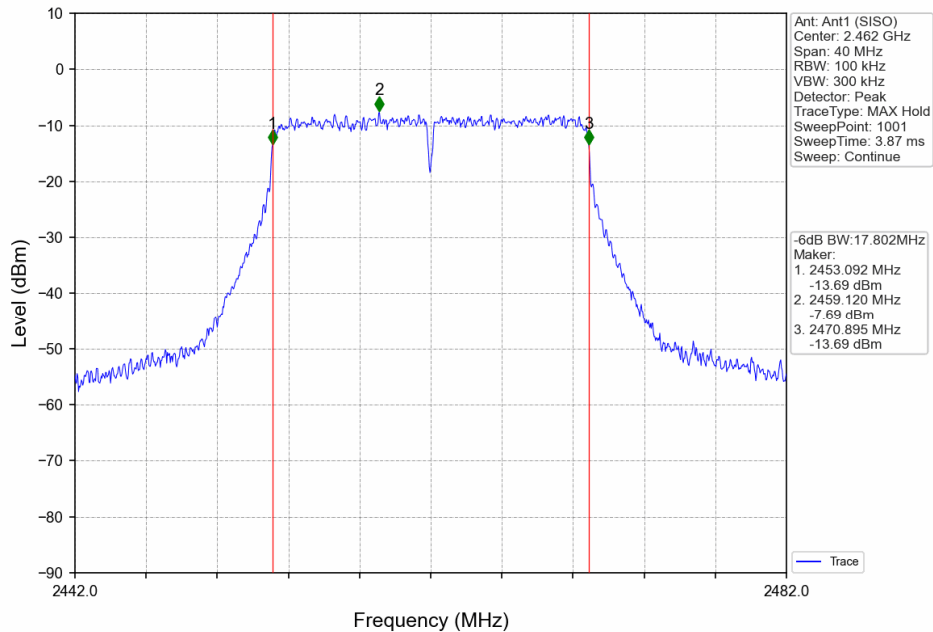
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



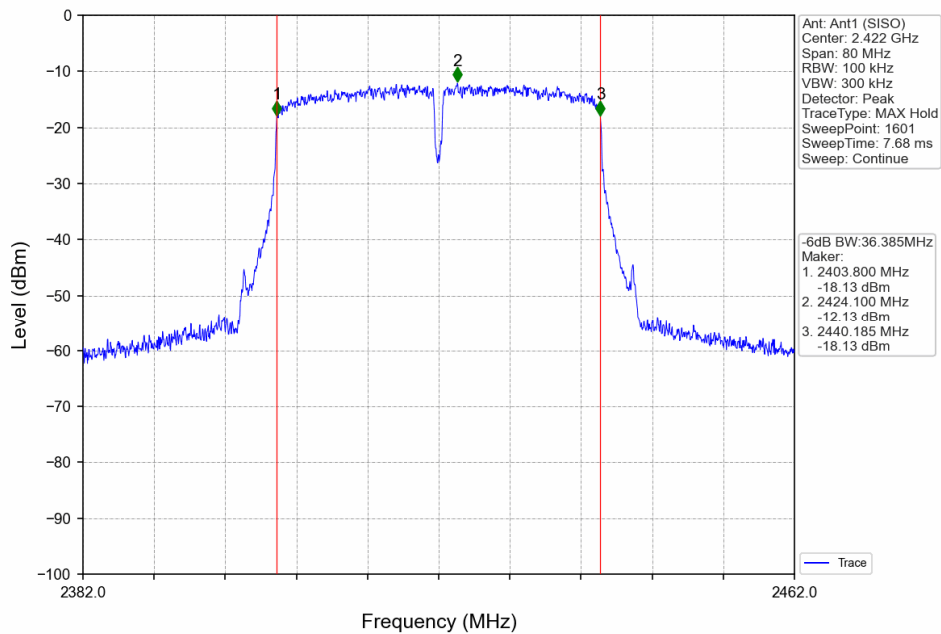
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



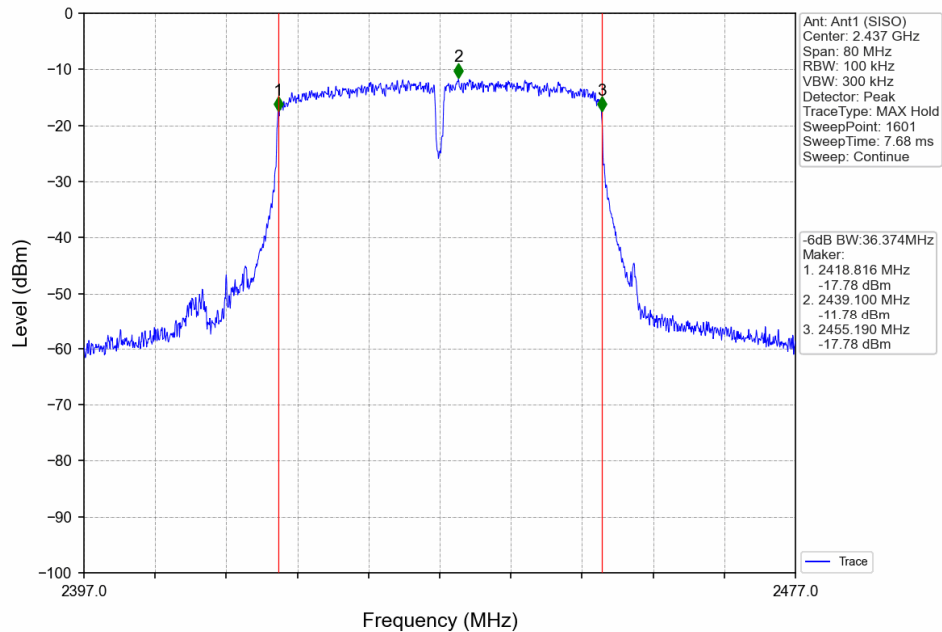
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



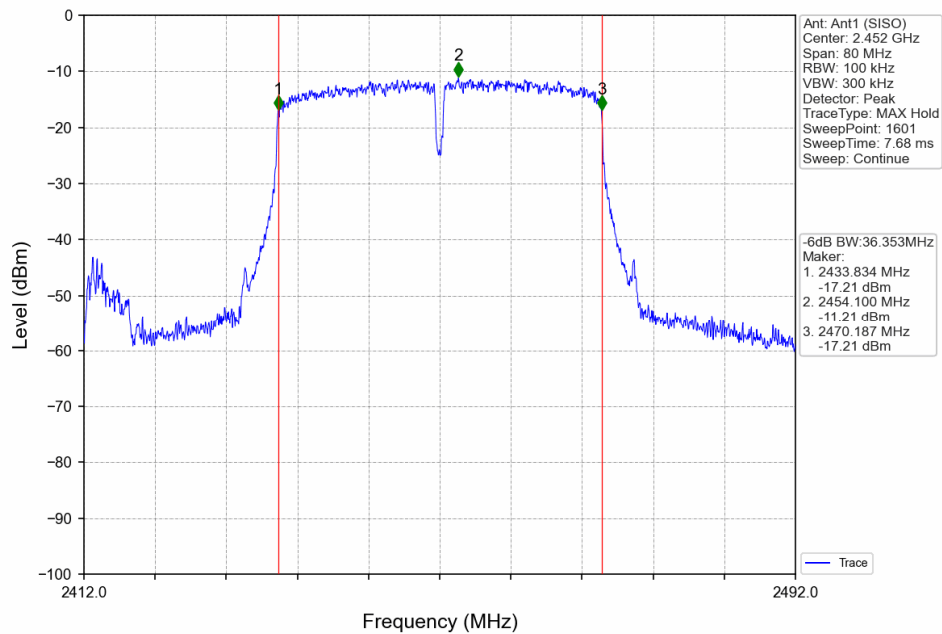
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



3. Maximum Conducted Output Power**3.1 Power****3.1.1 Test Result**

Mode	TX Type	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	10.94	<=30	Pass
		2437	11.44	<=30	Pass
		2462	12.13	<=30	Pass
802.11g	SISO	2412	5.13	<=30	Pass
		2437	5.81	<=30	Pass
		2462	6.55	<=30	Pass
802.11n (HT20)	SISO	2412	5.03	<=30	Pass
		2437	5.62	<=30	Pass
		2462	6.42	<=30	Pass
802.11n (HT40)	SISO	2422	4.82	<=30	Pass
		2437	5.18	<=30	Pass
		2452	5.69	<=30	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

4. Maximum Power Spectral Density

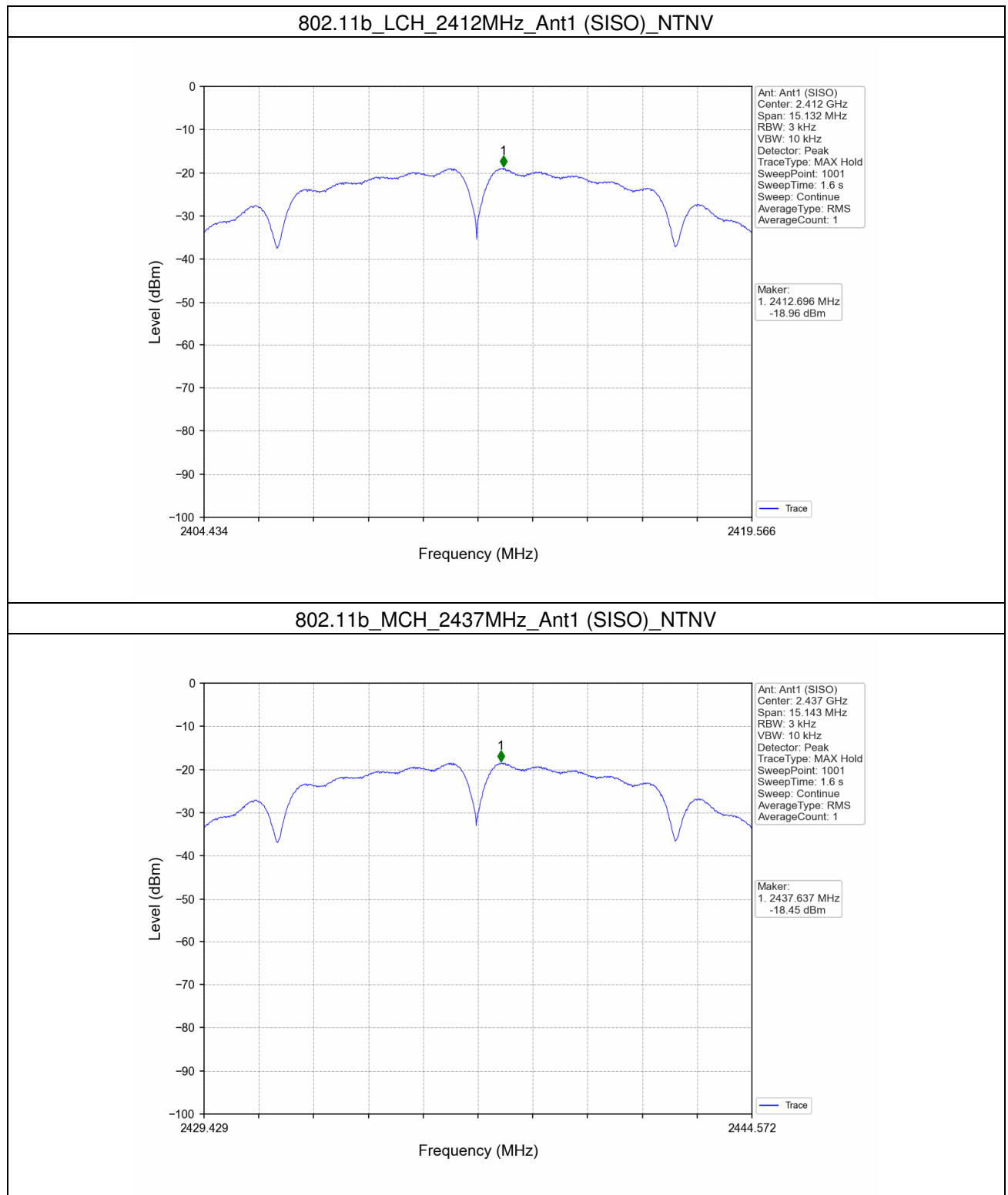
4.1 PSD

4.1.1 Test Result

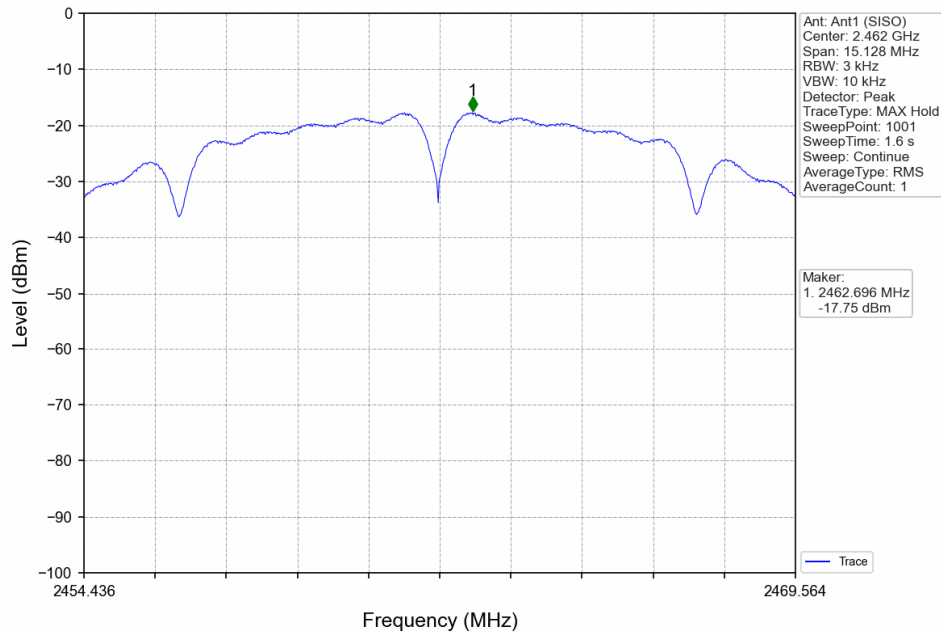
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	-18.96	<=8	Pass
		2437	-18.45	<=8	Pass
		2462	-17.75	<=8	Pass
802.11g	SISO	2412	-23.29	<=8	Pass
		2437	-23.00	<=8	Pass
		2462	-21.93	<=8	Pass
802.11n (HT20)	SISO	2412	-23.04	<=8	Pass
		2437	-22.51	<=8	Pass
		2462	-21.74	<=8	Pass
802.11n (HT40)	SISO	2422	-22.77	<=8	Pass
		2437	-24.56	<=8	Pass
		2452	-22.71	<=8	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

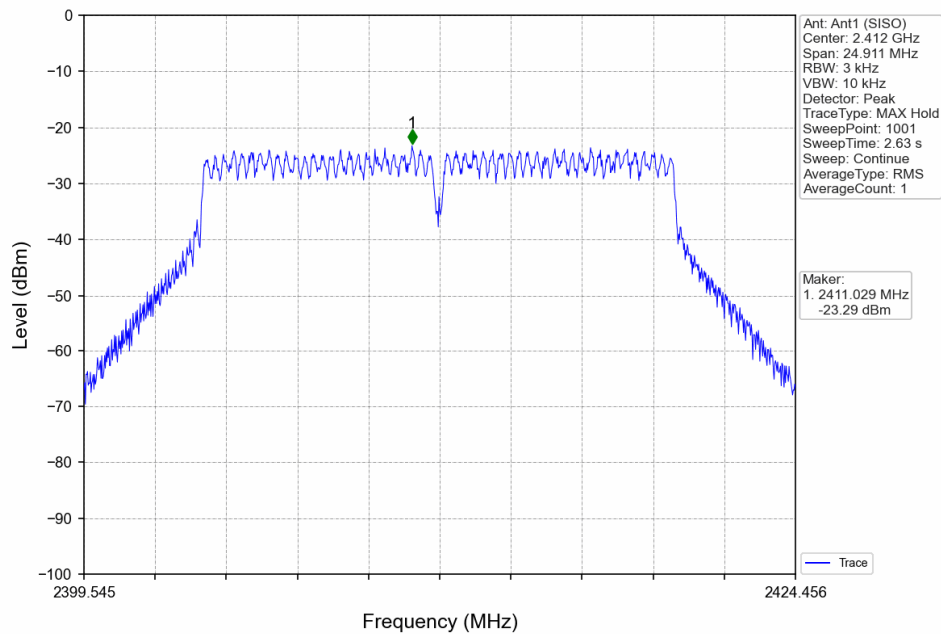
4.1.2 Test Graph



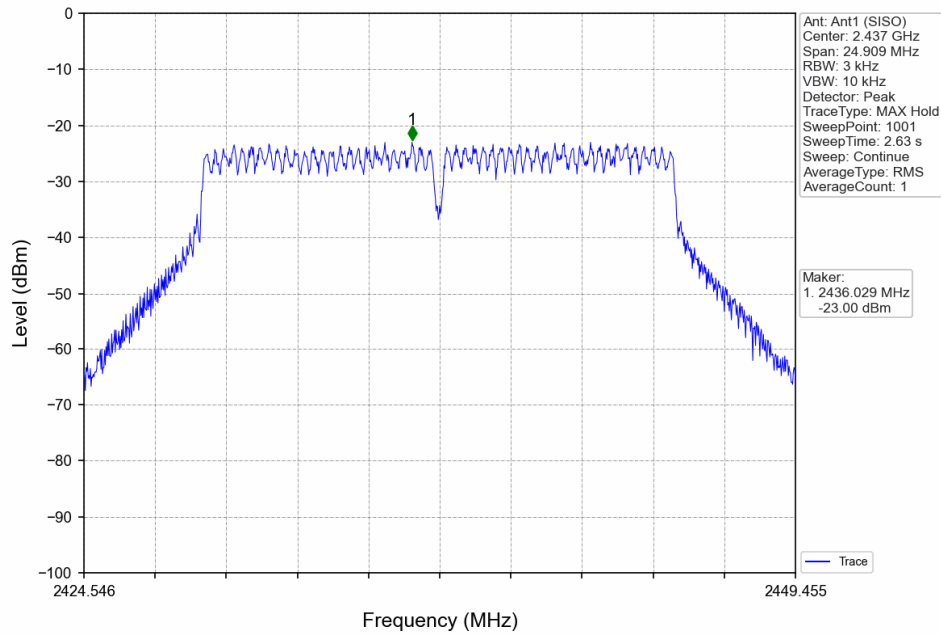
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



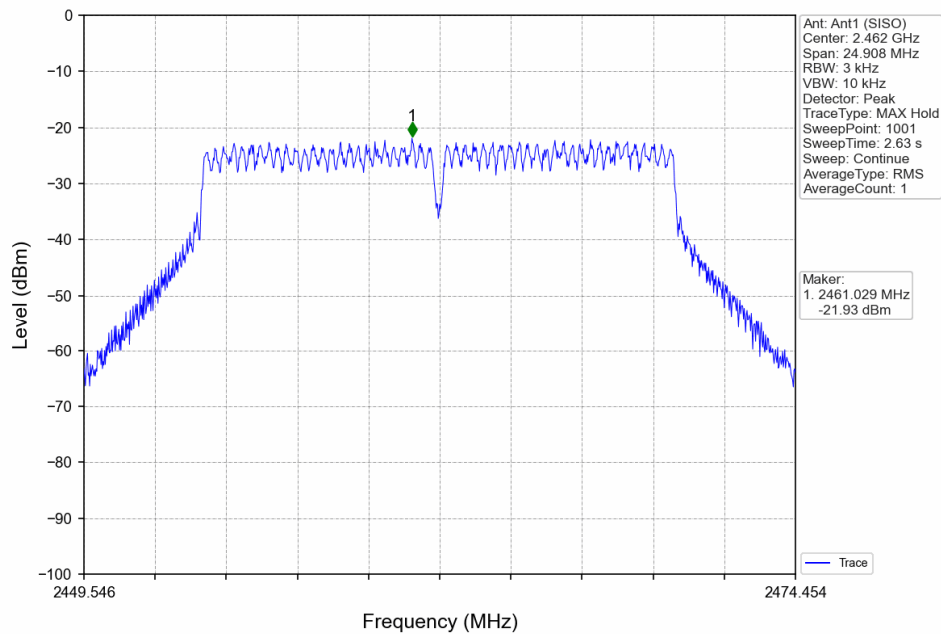
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



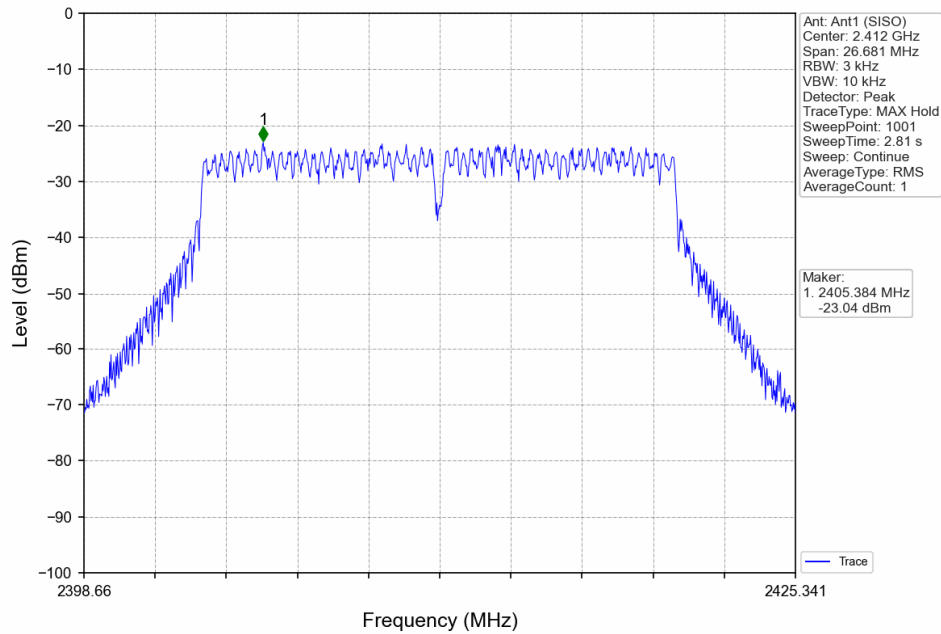
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



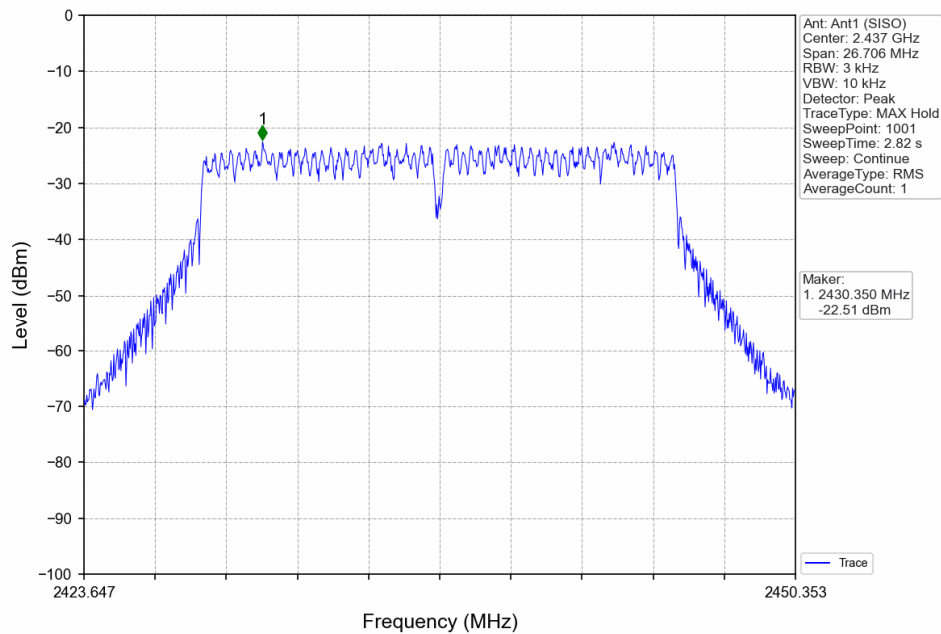
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



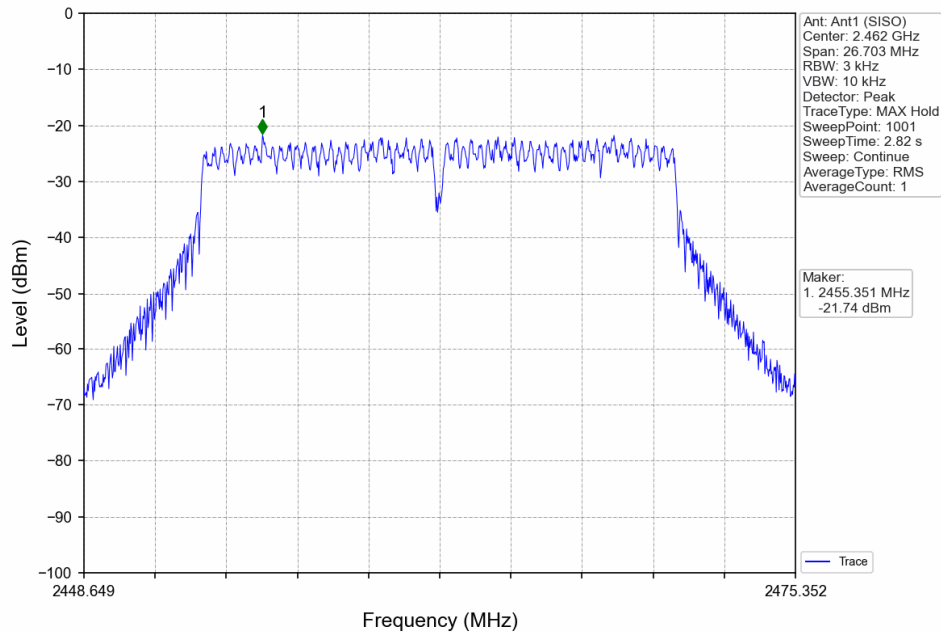
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



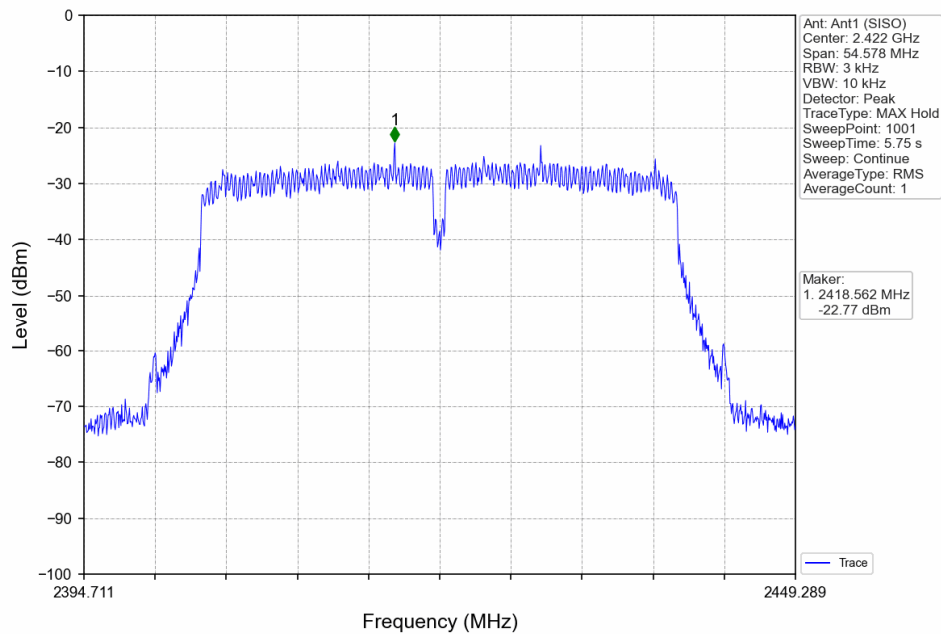
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



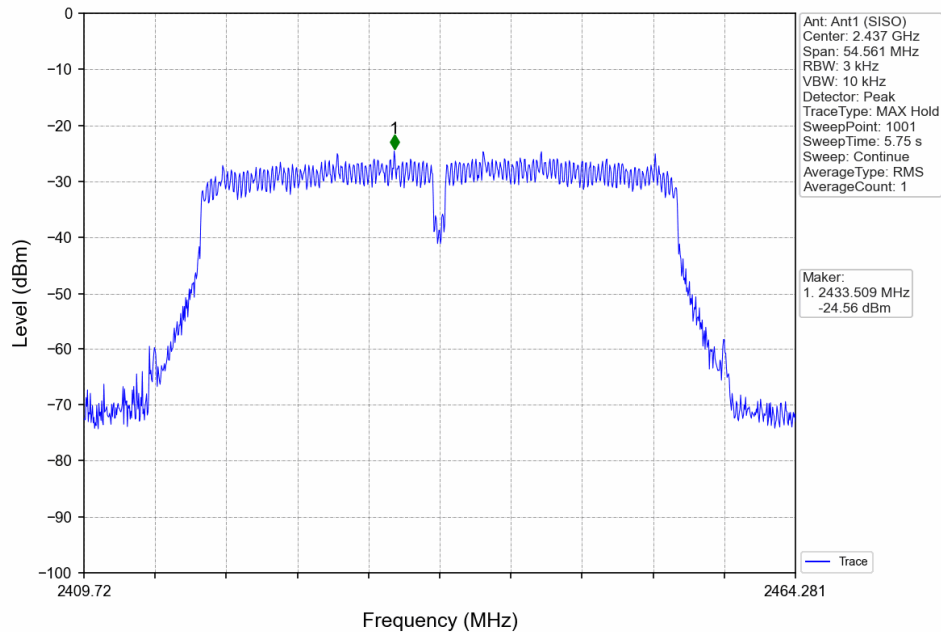
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



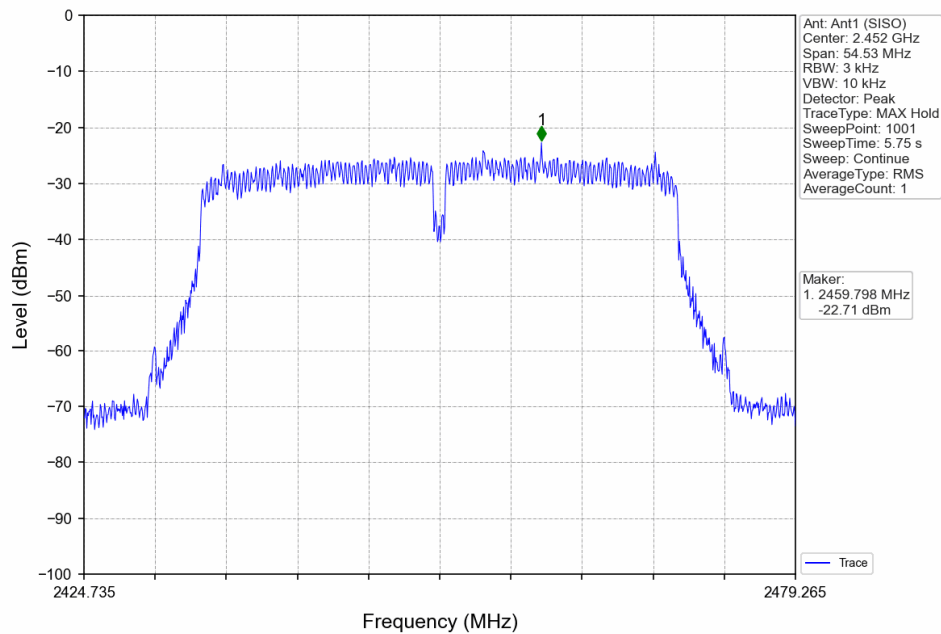
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



5. Unwanted Emissions In Non-restricted Frequency Bands

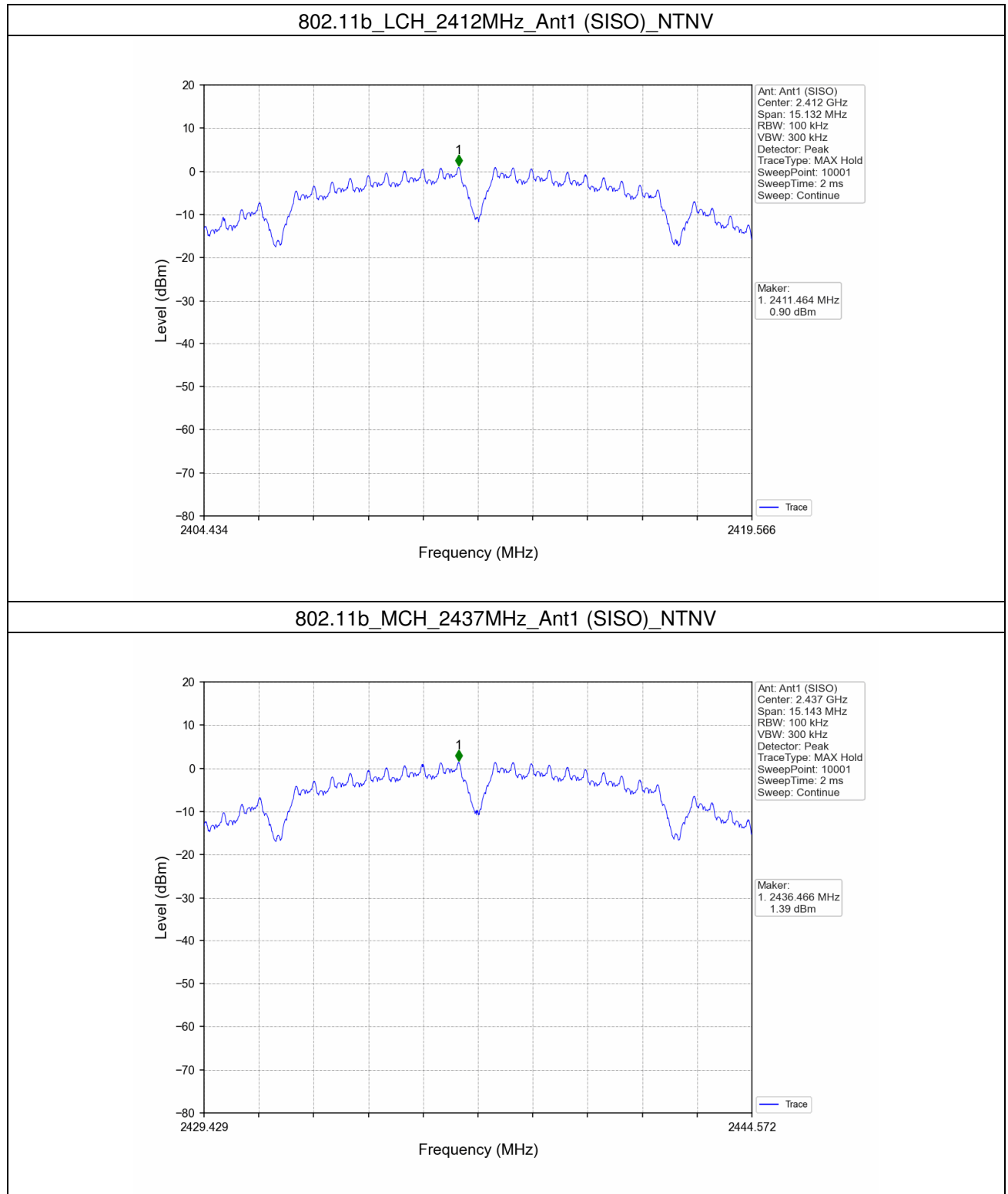
5.1 Ref

5.1.1 Test Result

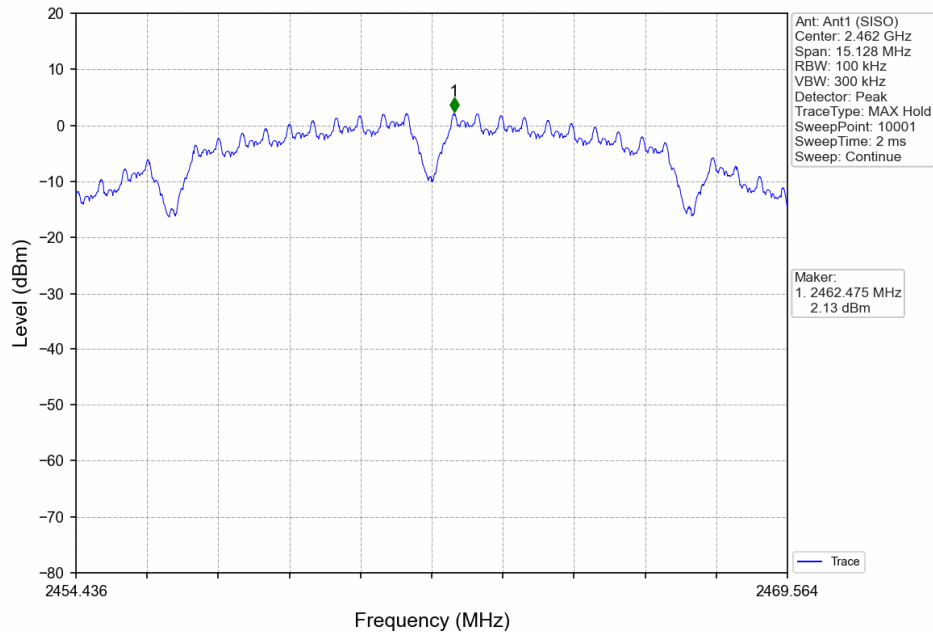
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
802.11b	SISO	2412	1	0.90
		2437	1	1.39
		2462	1	2.13
802.11g	SISO	2412	1	-9.47
		2437	1	-8.71
		2462	1	-7.97
802.11n (HT20)	SISO	2412	1	-9.08
		2437	1	-8.61
		2462	1	-7.72
802.11n (HT40)	SISO	2422	1	-12.16
		2437	1	-11.86
		2452	1	-11.40

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.

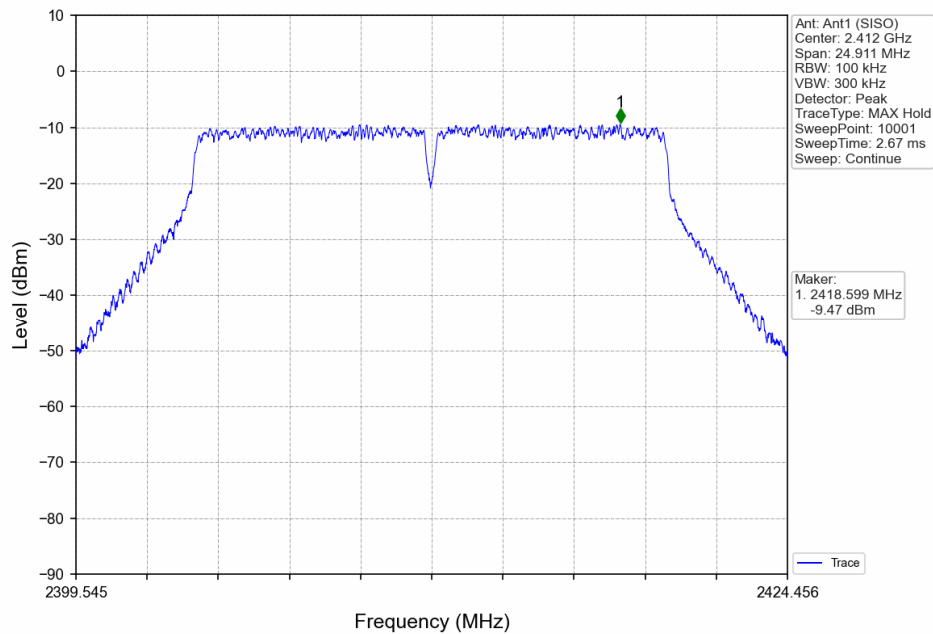
5.1.2 Test Graph



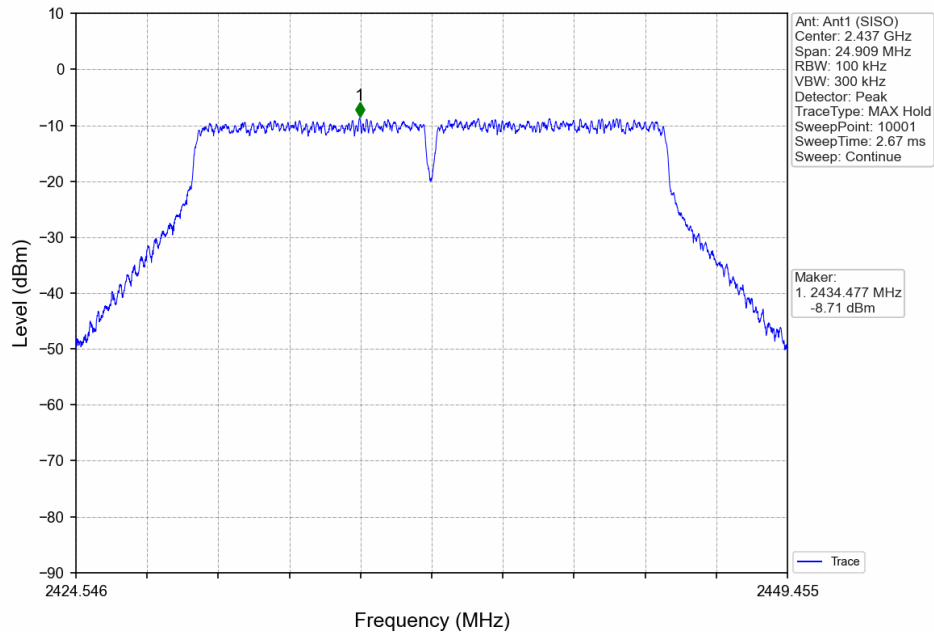
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



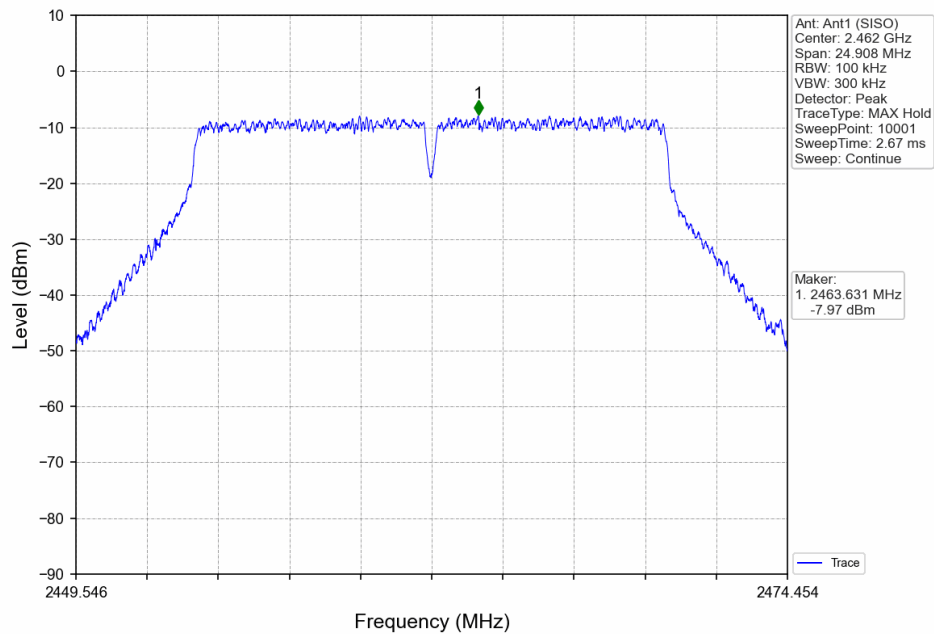
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



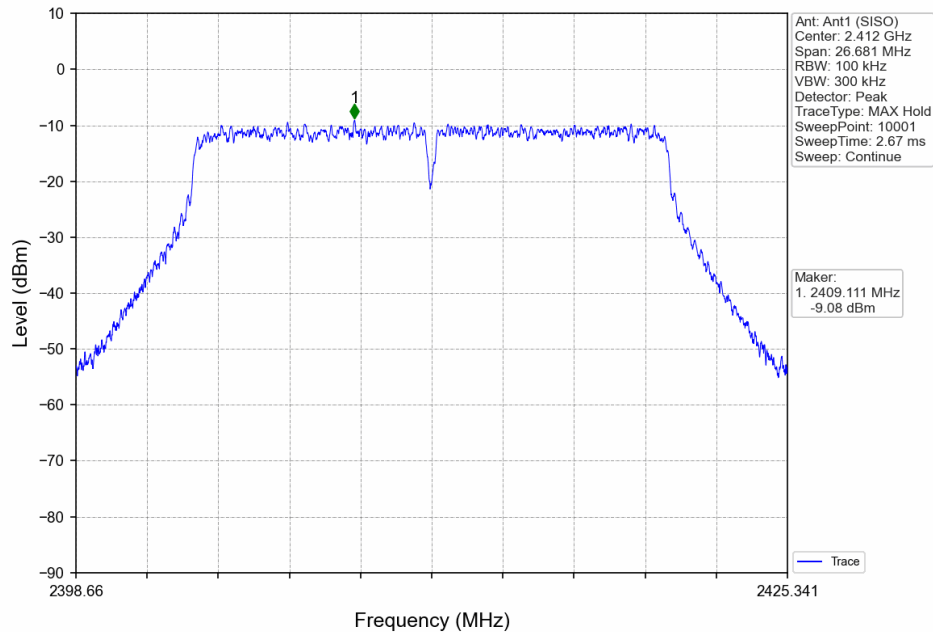
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



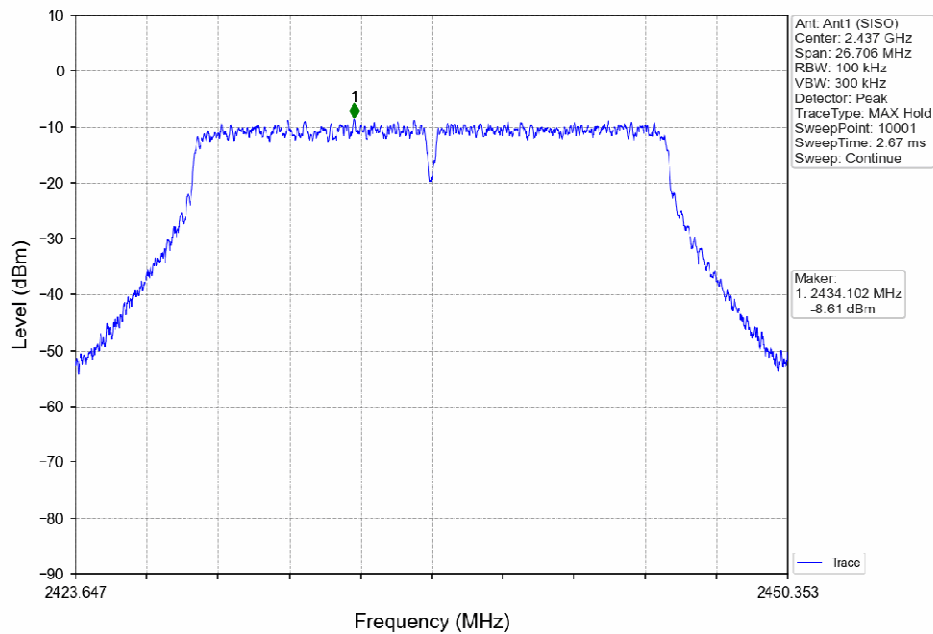
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



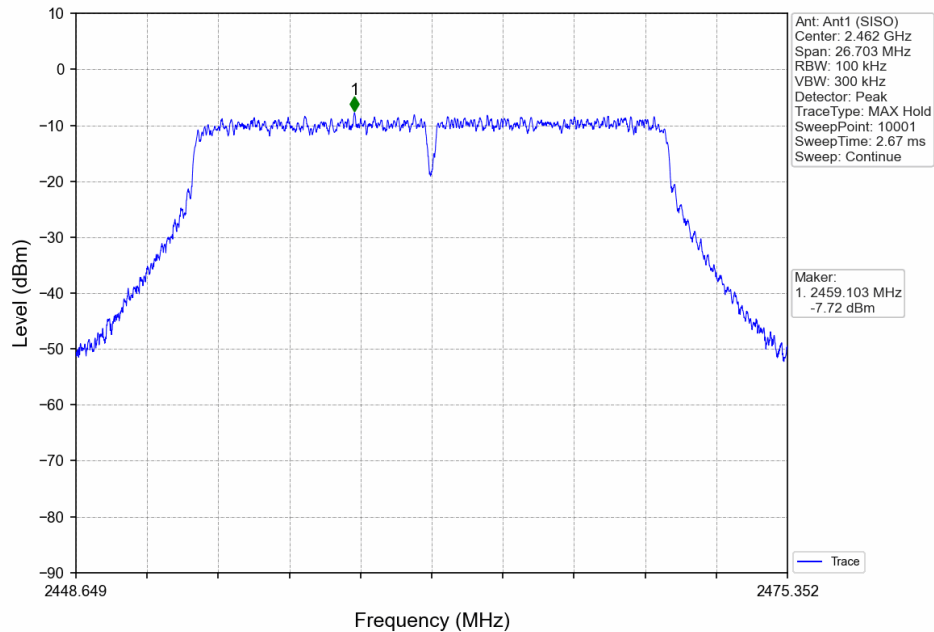
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



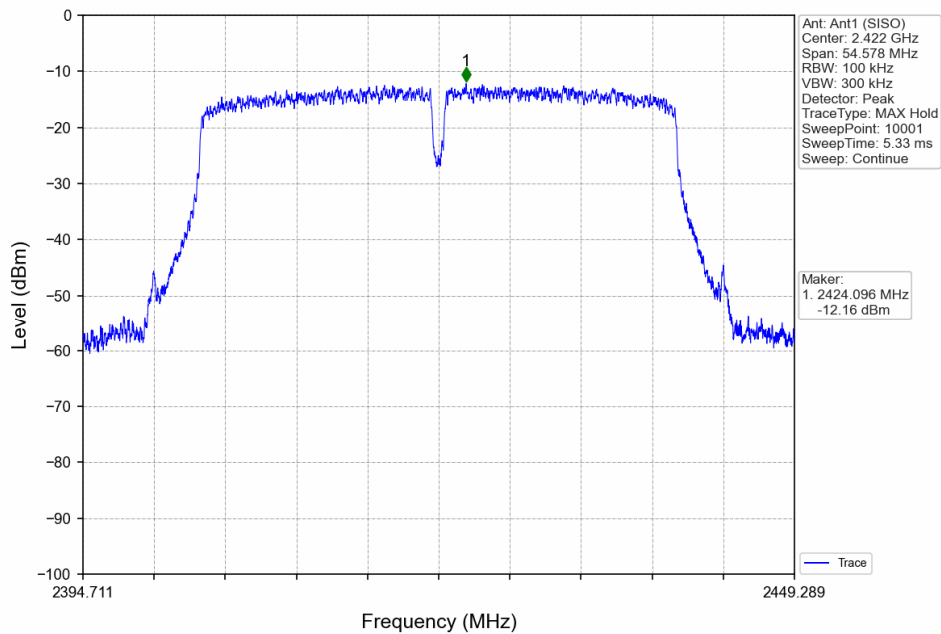
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



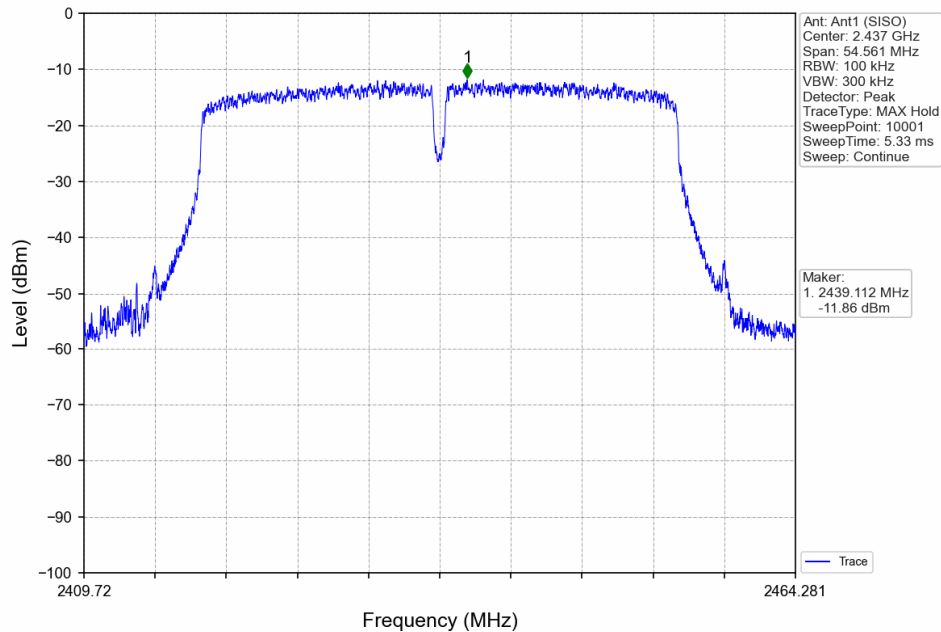
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



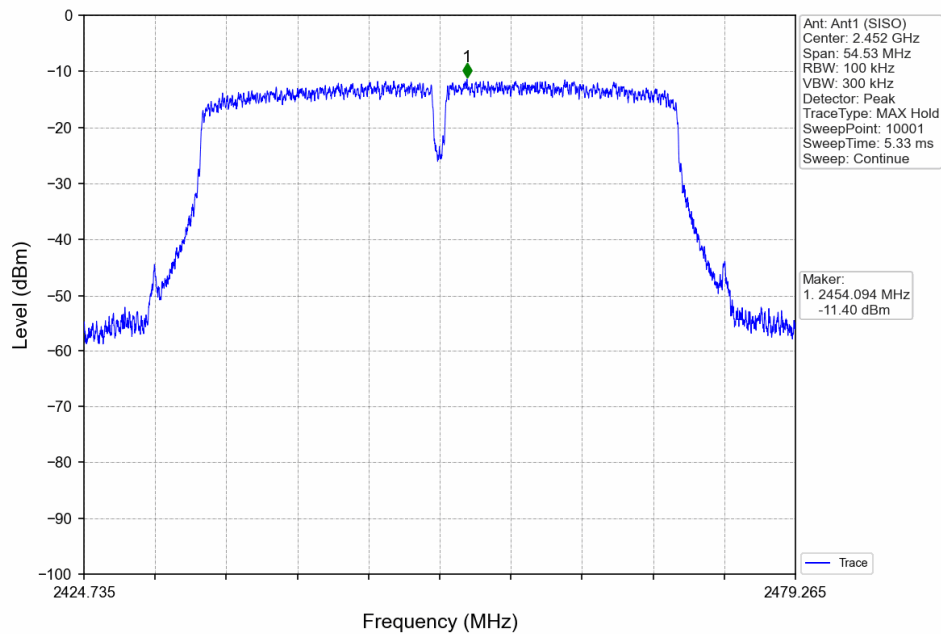
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



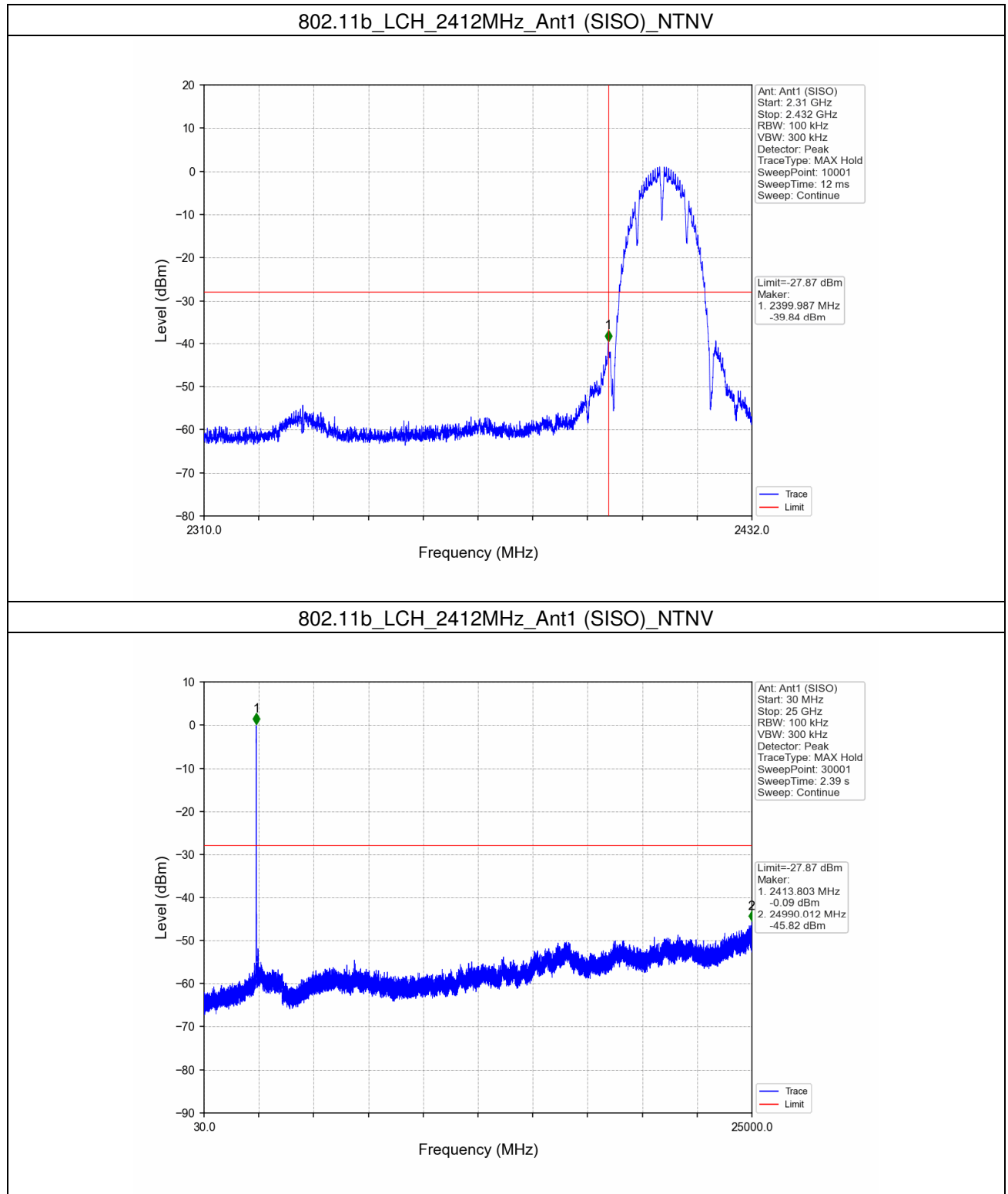
5.2 CSE

5.2.1 Test Result

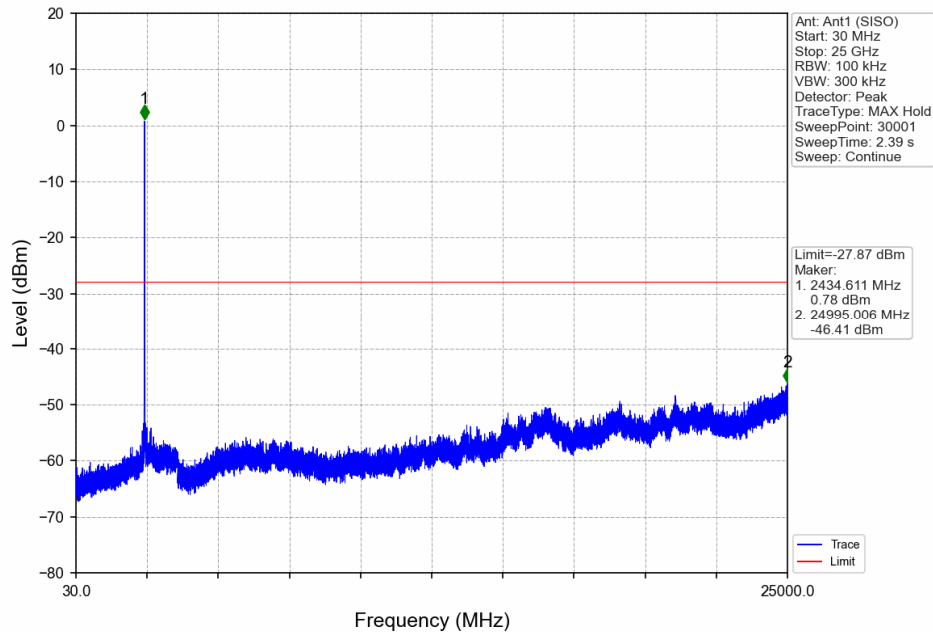
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	2.13	-27.87	Pass
		2437	1	2.13	-27.87	Pass
		2462	1	2.13	-27.87	Pass
802.11g	SISO	2412	1	-7.97	-37.97	Pass
		2437	1	-7.97	-37.97	Pass
		2462	1	-7.97	-37.97	Pass
802.11n (HT20)	SISO	2412	1	-7.72	-37.72	Pass
		2437	1	-7.72	-37.72	Pass
		2462	1	-7.72	-37.72	Pass
802.11n (HT40)	SISO	2422	1	-11.40	-41.40	Pass
		2437	1	-11.40	-41.40	Pass
		2452	1	-11.40	-41.40	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.

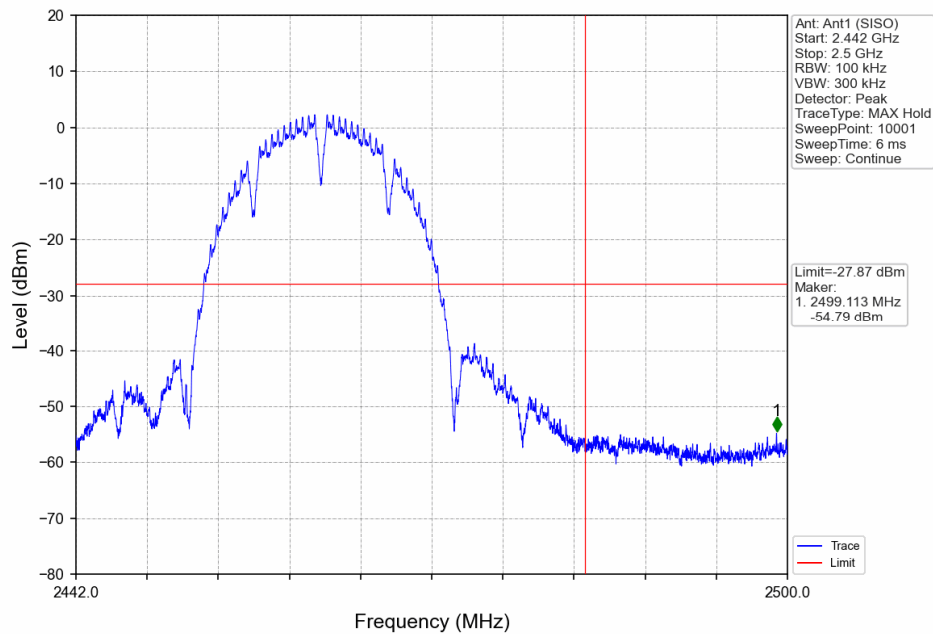
5.2.2 Test Graph



802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV

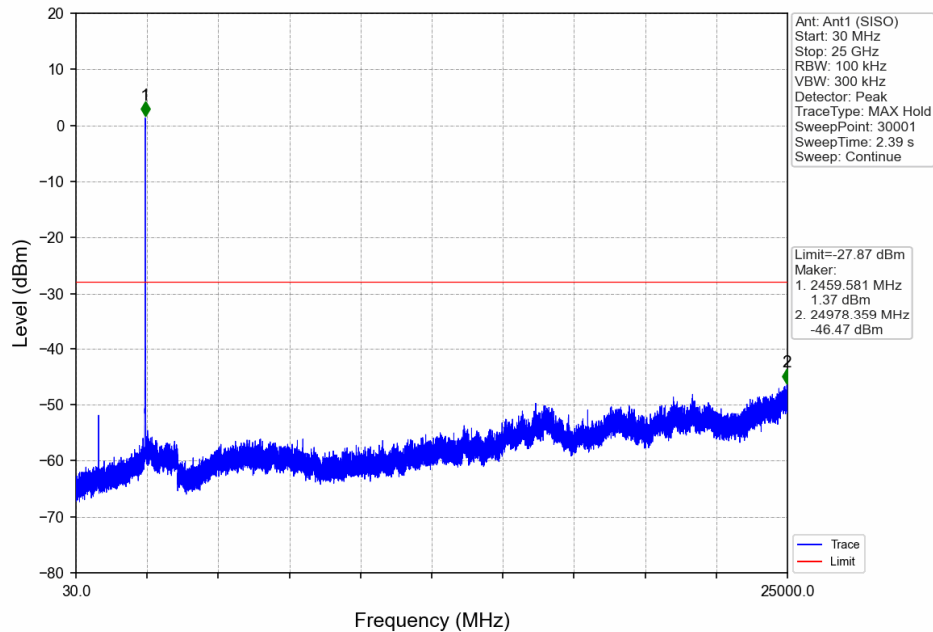


802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV

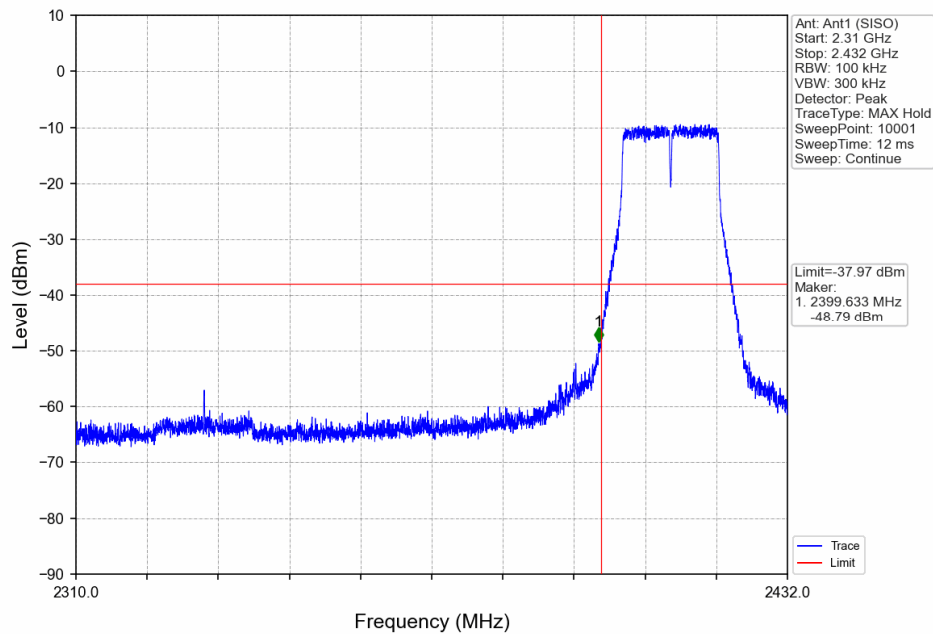


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

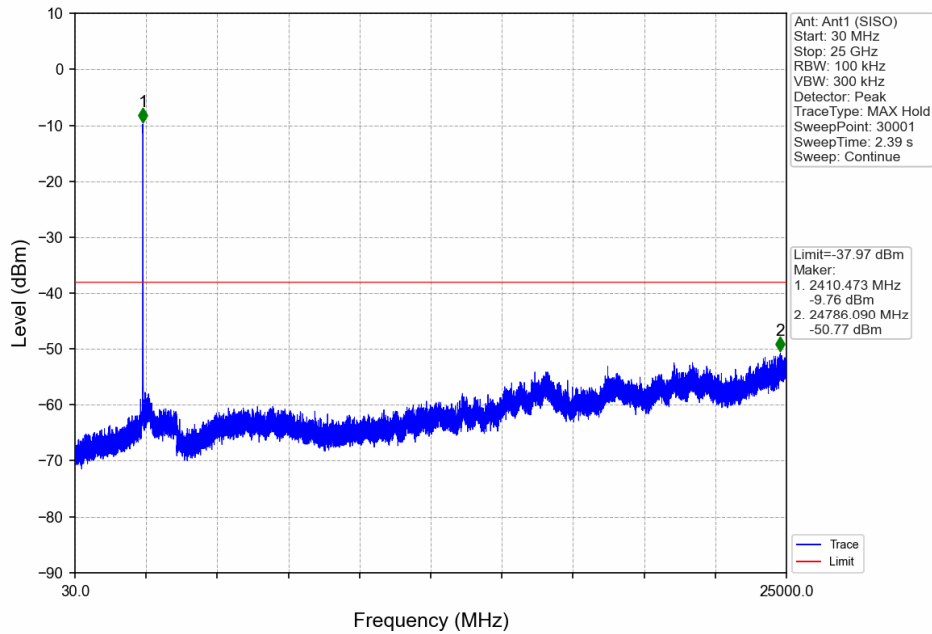
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



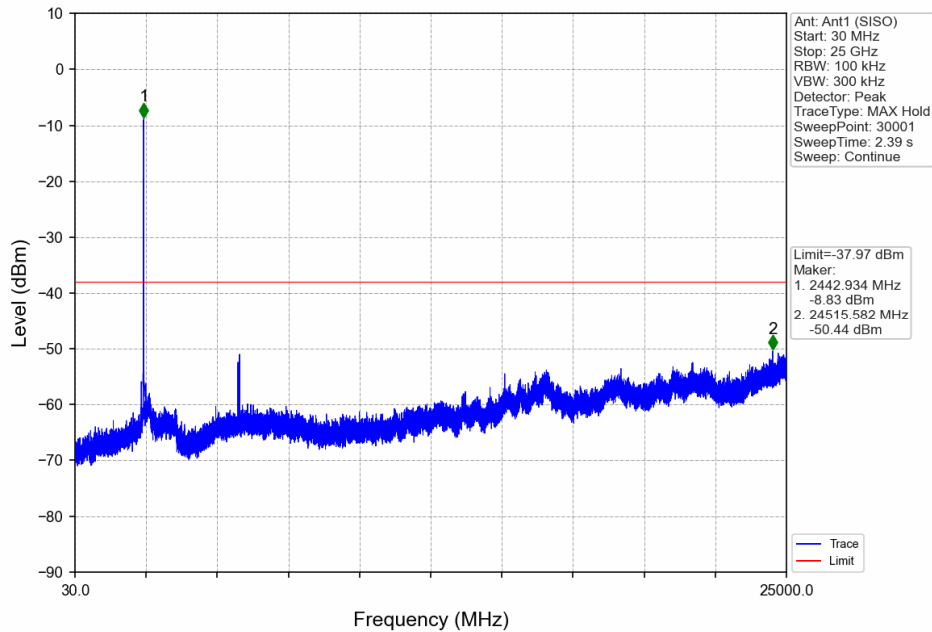
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



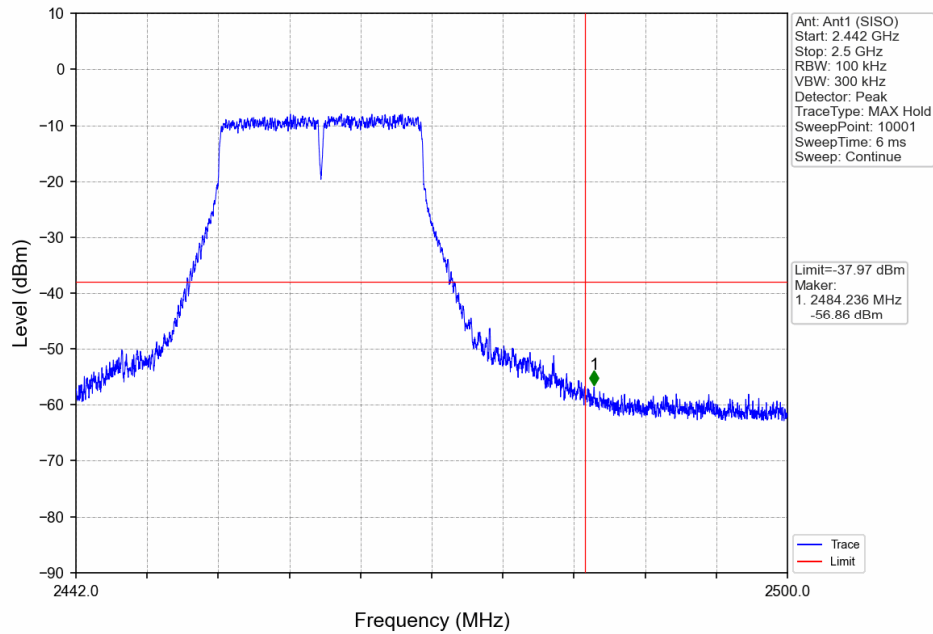
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



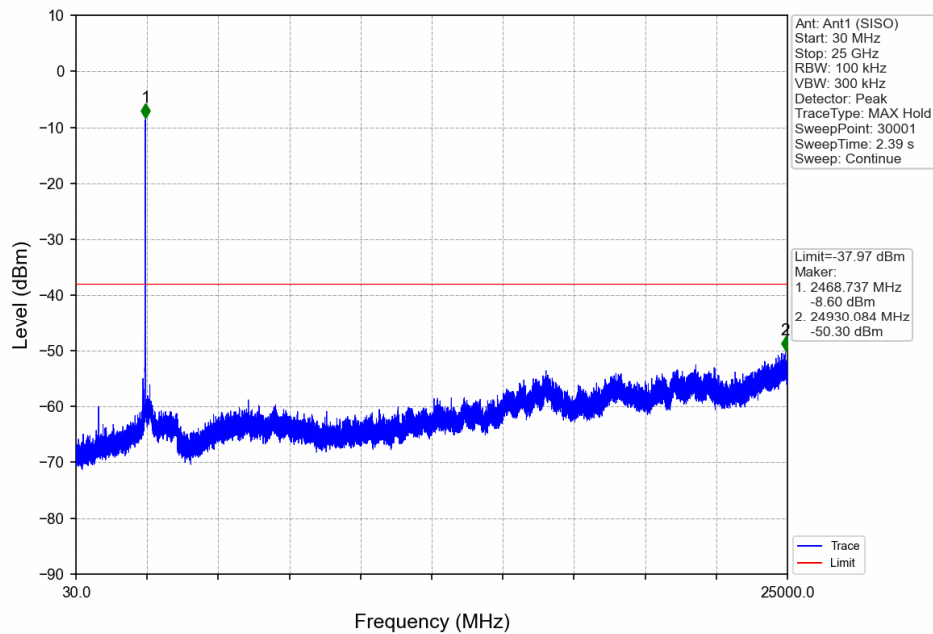
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



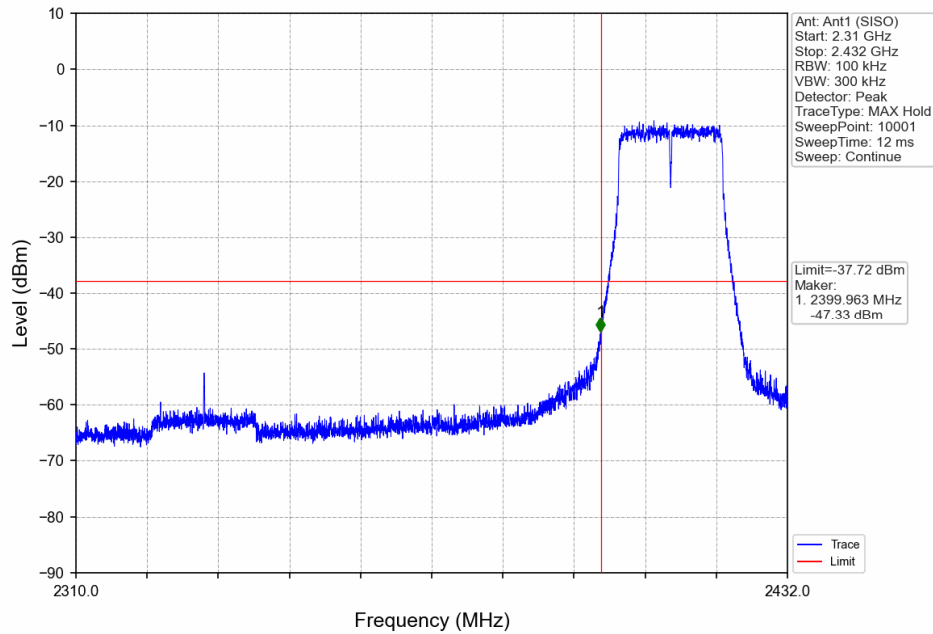
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



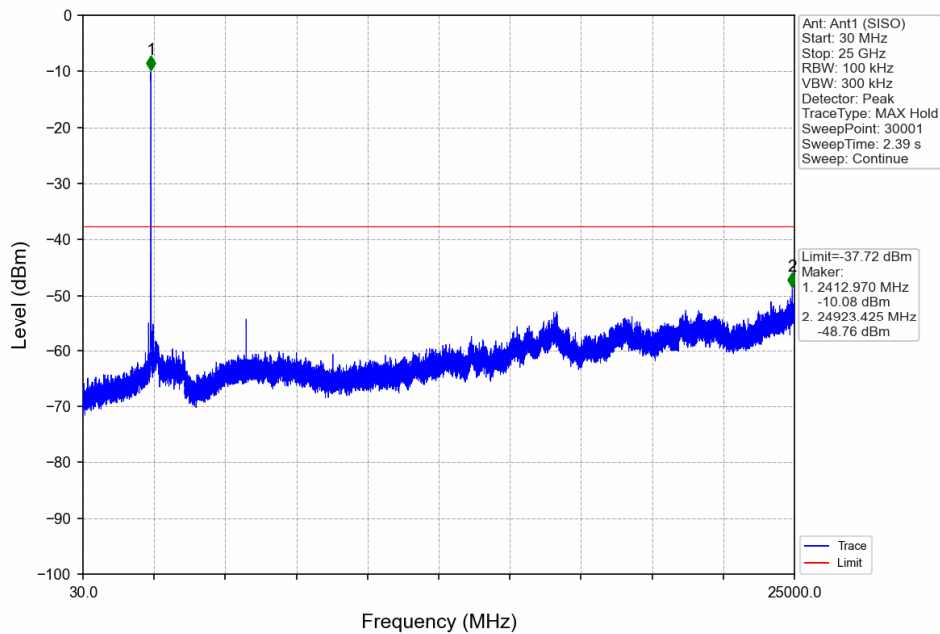
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



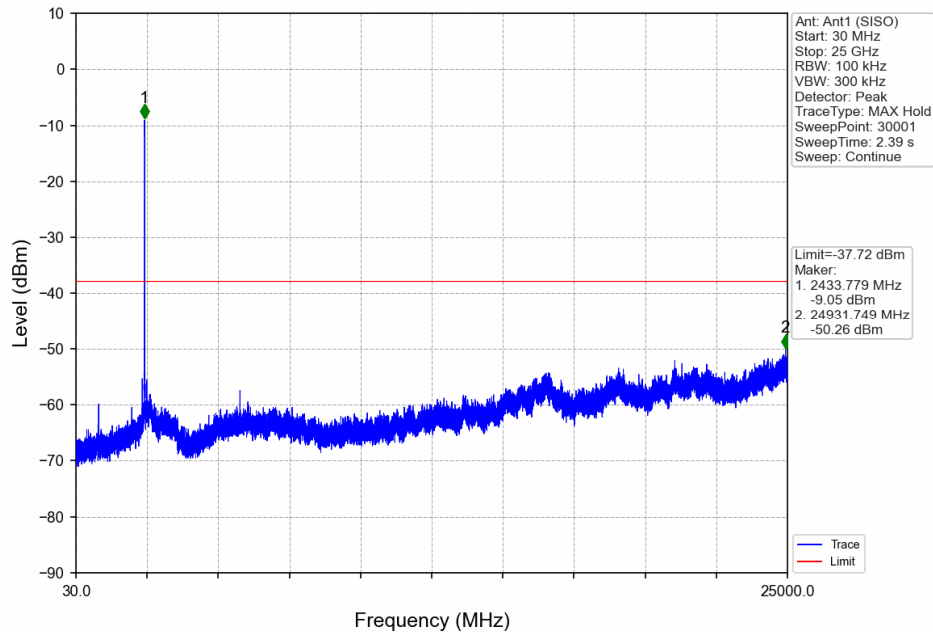
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



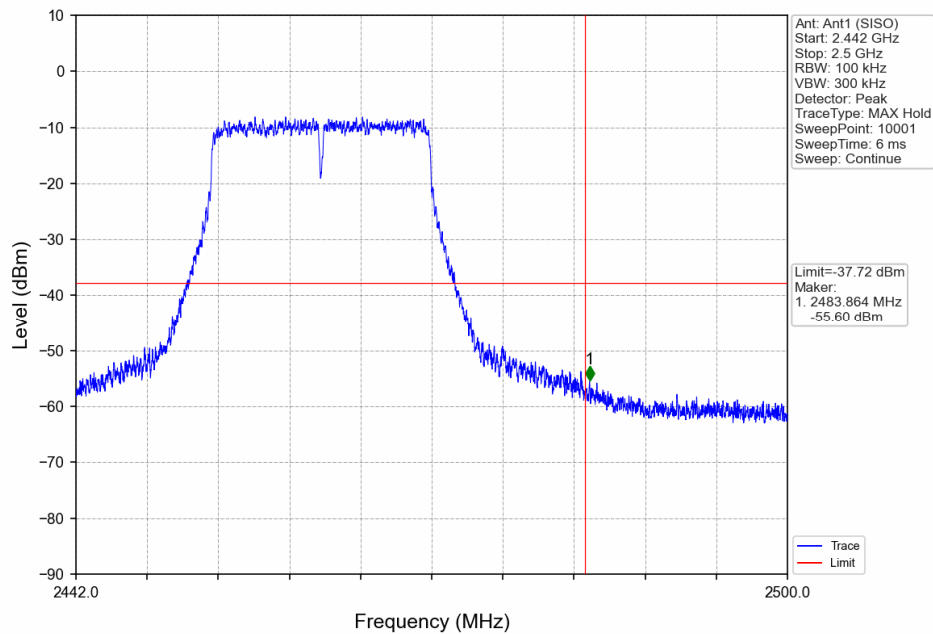
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



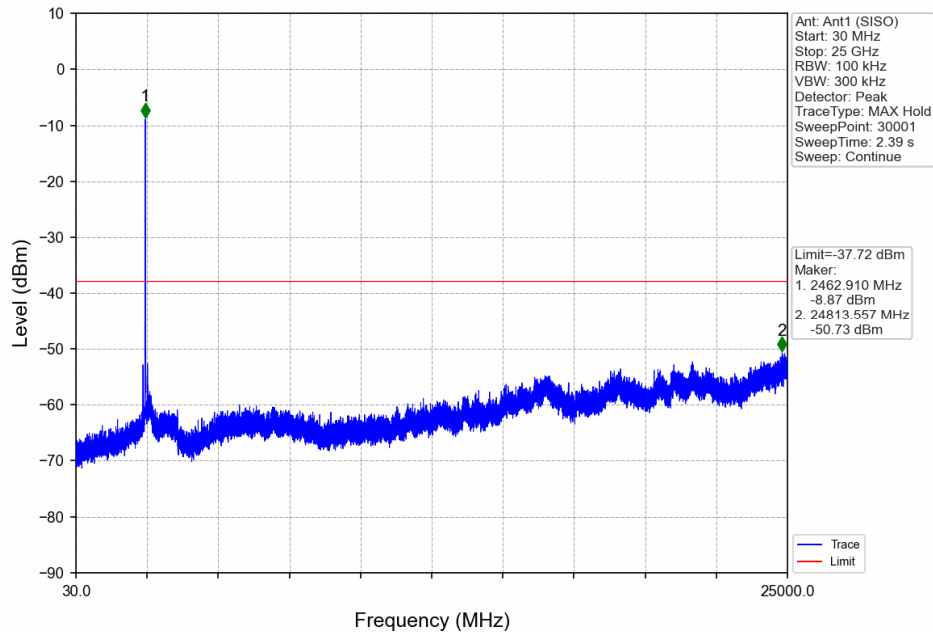
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



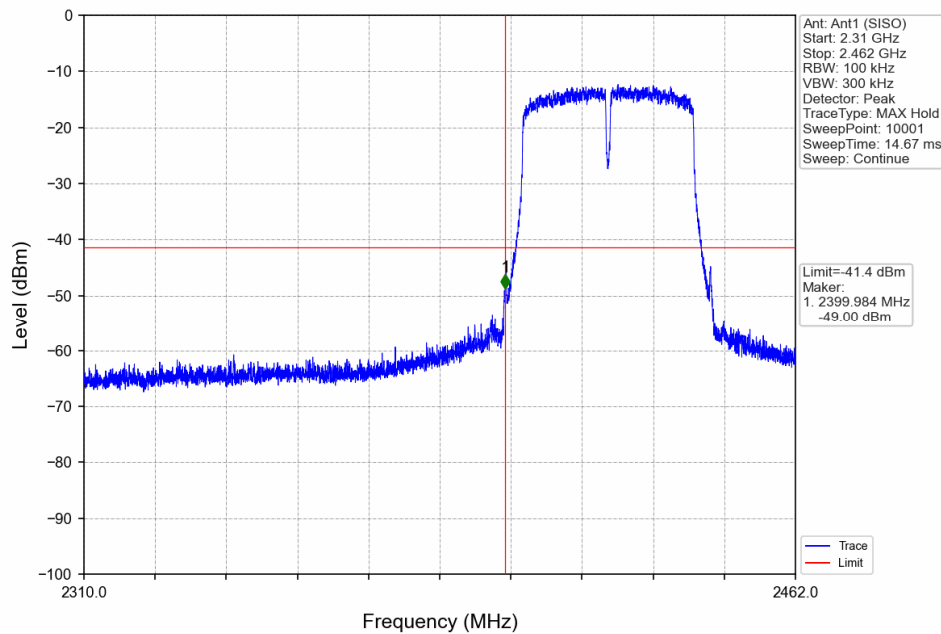
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/terms-and-conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

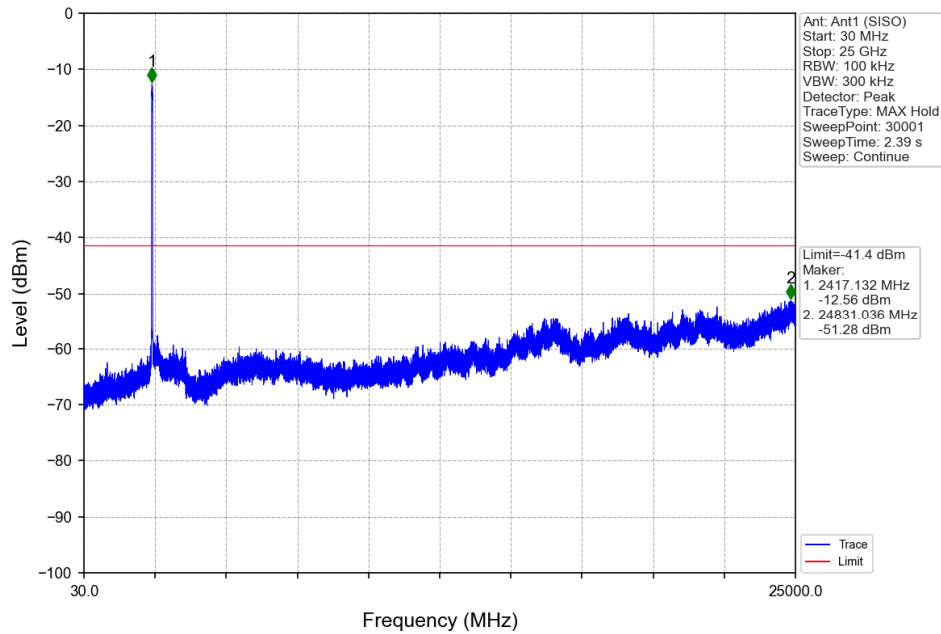
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



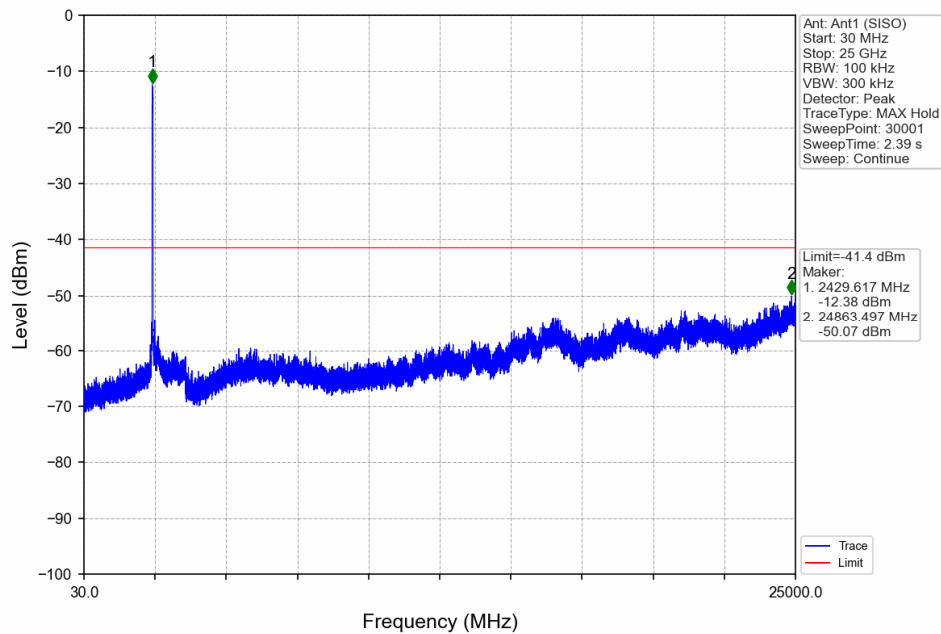
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



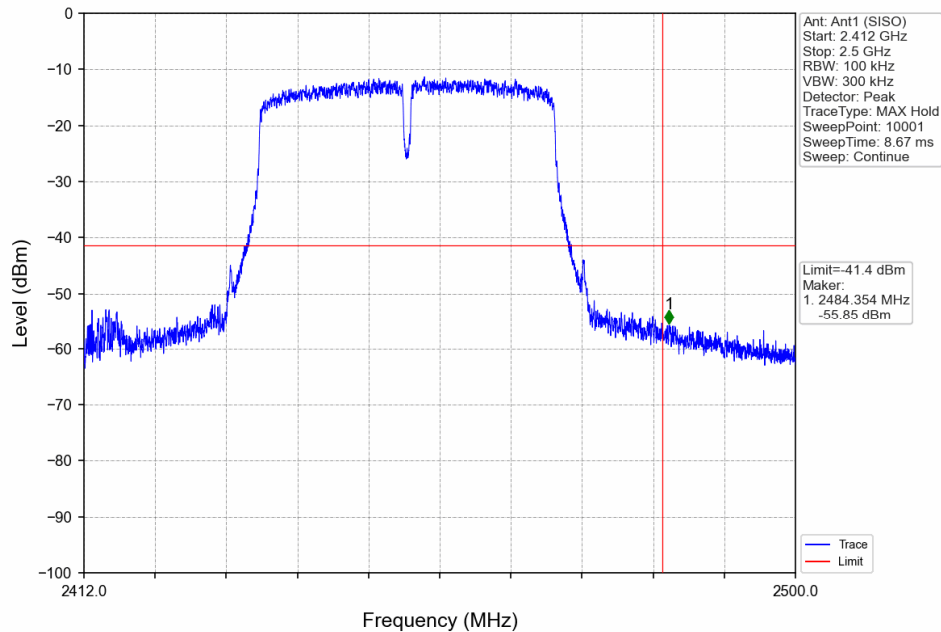
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



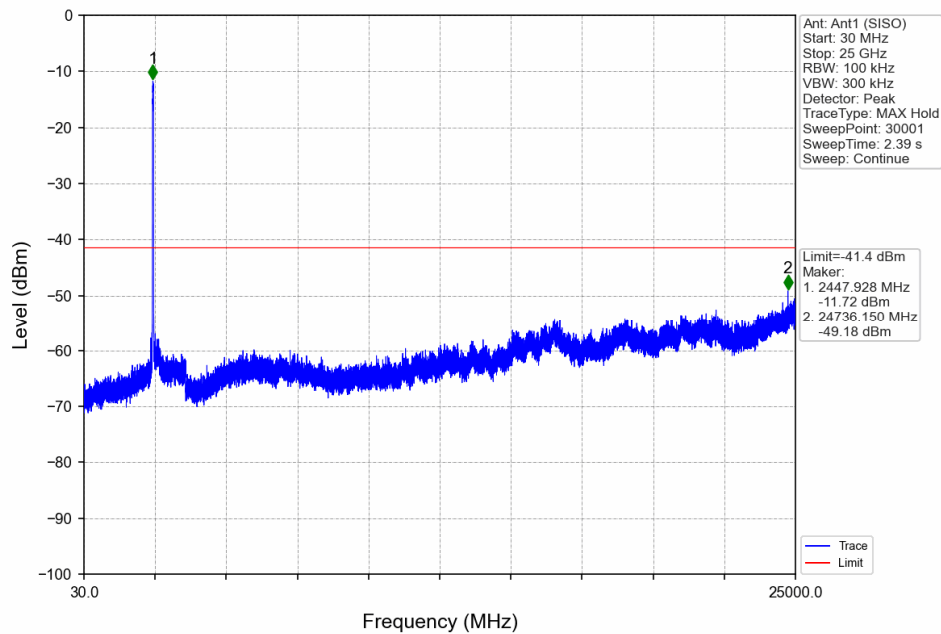
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



- End of the Report -