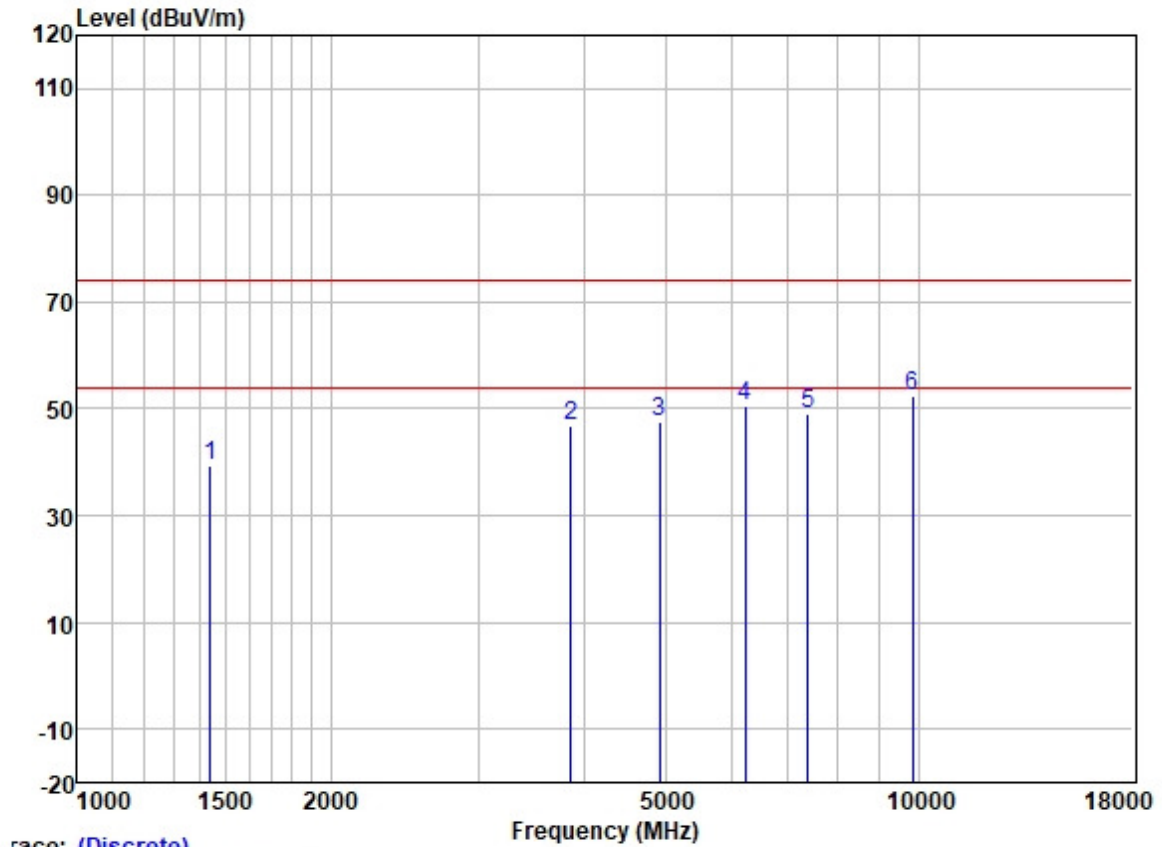
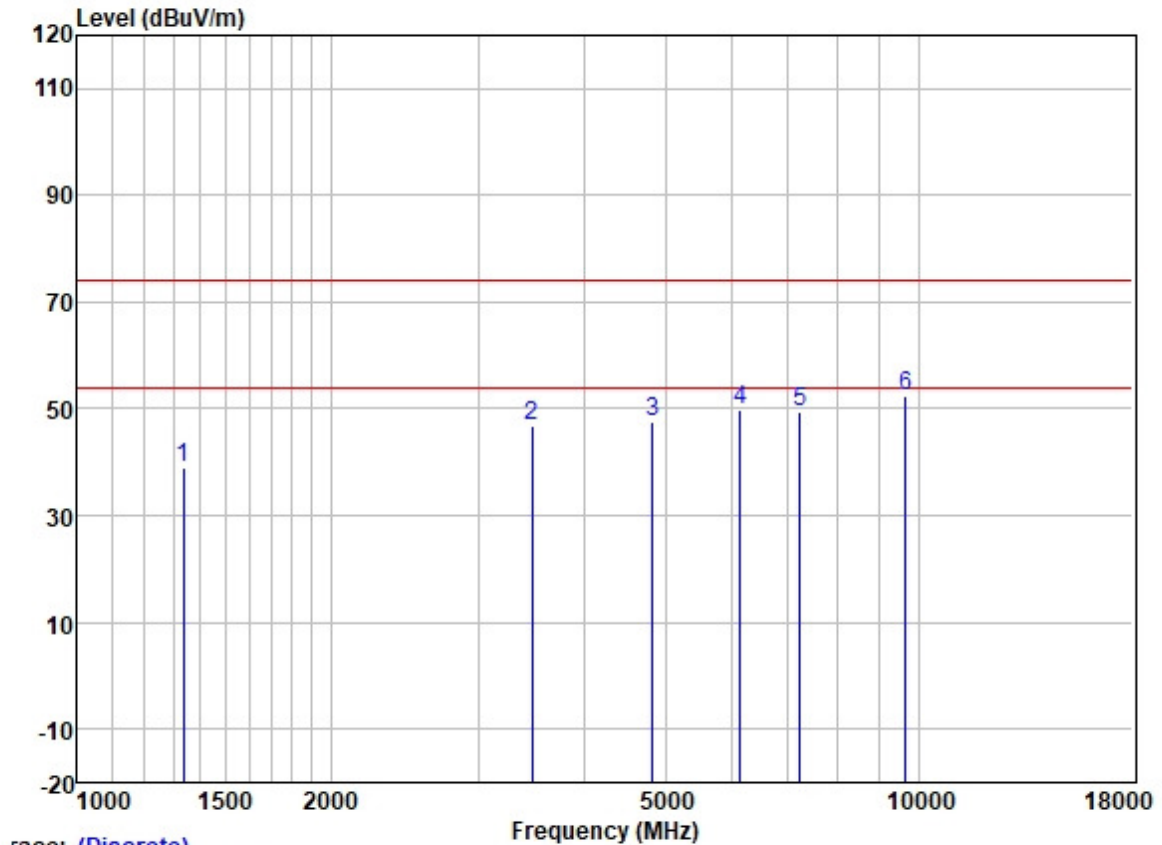


Test Mode: 32; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



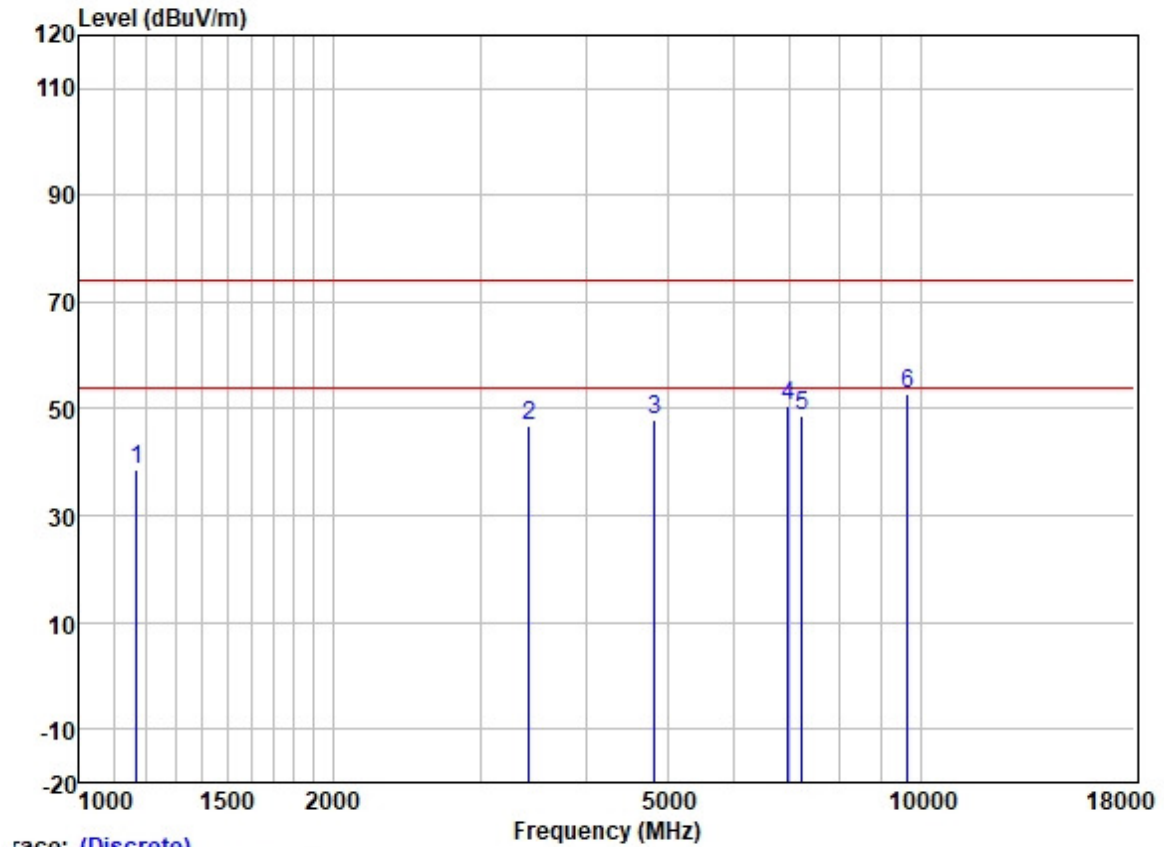
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1437.892	49.36	25.44	2.68	38.17	39.31	74.00	-34.69	VERTICAL	Peak
2	3860.540	49.57	29.62	4.60	36.84	46.95	74.00	-27.05	VERTICAL	Peak
3	4924.000	47.37	31.62	5.60	36.84	47.75	74.00	-26.25	VERTICAL	Peak
4	6219.608	48.36	33.03	6.06	36.94	50.51	74.00	-23.49	VERTICAL	Peak
5	7386.000	44.06	36.17	6.19	37.45	48.97	74.00	-25.03	VERTICAL	Peak
6	9848.000	44.36	38.58	6.99	37.41	52.52	74.00	-21.48	VERTICAL	Peak

Test Mode: 32; Polarity: Horizontal; 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	1335.746	49.41	25.28	2.60	38.29	39.00	74.00	-35.00	HORIZONTAL Peak
2	3476.599	50.47	28.89	4.25	36.95	46.66	74.00	-27.34	HORIZONTAL Peak
3	4824.000	47.46	31.45	5.42	36.83	47.50	74.00	-26.50	HORIZONTAL Peak
4	6142.222	47.84	32.77	6.12	36.93	49.80	74.00	-24.20	HORIZONTAL Peak
5	7236.000	45.19	35.70	6.03	37.39	49.53	74.00	-24.47	HORIZONTAL Peak
6	9648.000	44.39	38.40	7.06	37.42	52.43	74.00	-21.57	HORIZONTAL Peak

Test Mode: 32; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

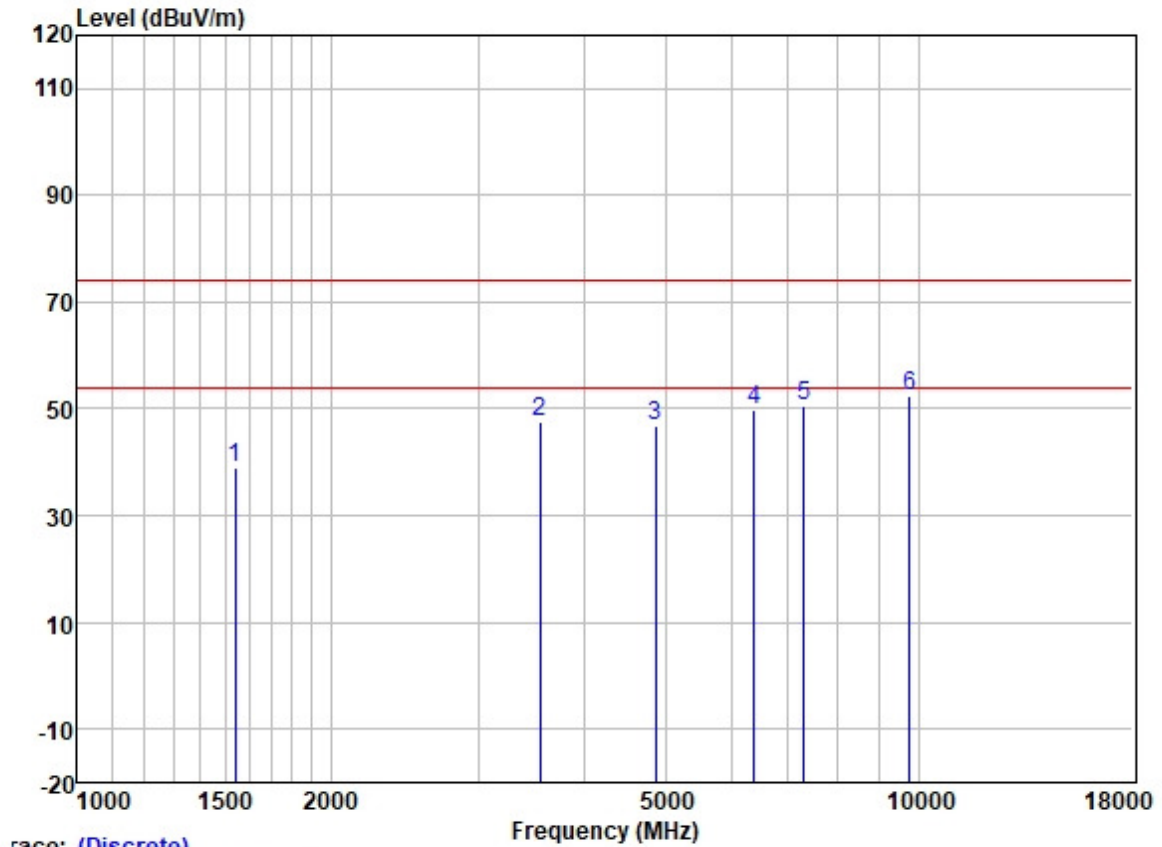
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1169.874	50.21	24.55	2.39	38.40	38.75	74.00	-35.25	VERTICAL	Peak
2	3425.635	50.93	28.86	4.15	36.97	46.97	74.00	-27.03	VERTICAL	Peak
3	4824.000	47.74	31.45	5.42	36.83	47.78	74.00	-26.22	VERTICAL	Peak
4	6953.765	46.85	34.95	5.81	37.21	50.40	74.00	-23.60	VERTICAL	Peak
5	7236.000	44.40	35.70	6.03	37.39	48.74	74.00	-25.26	VERTICAL	Peak
6	9648.000	44.64	38.40	7.06	37.42	52.68	74.00	-21.32	VERTICAL	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.

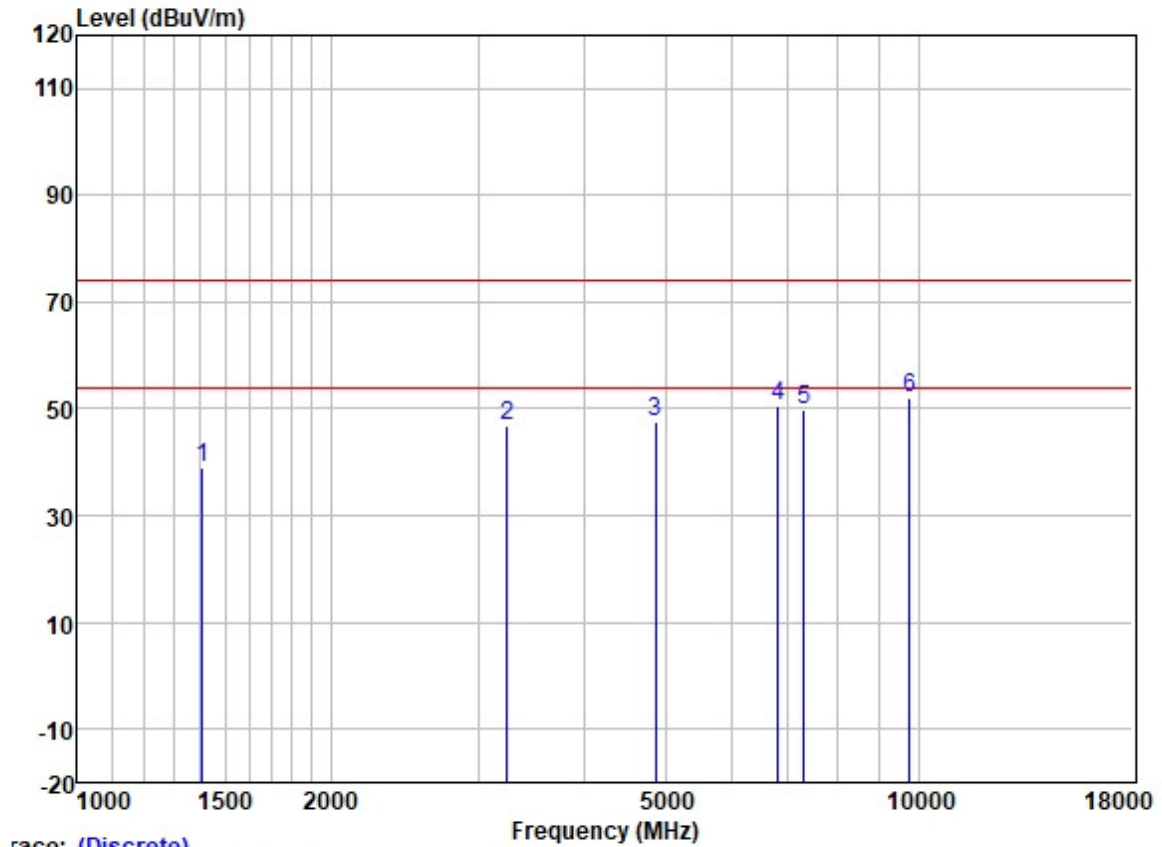
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Mode: 32; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



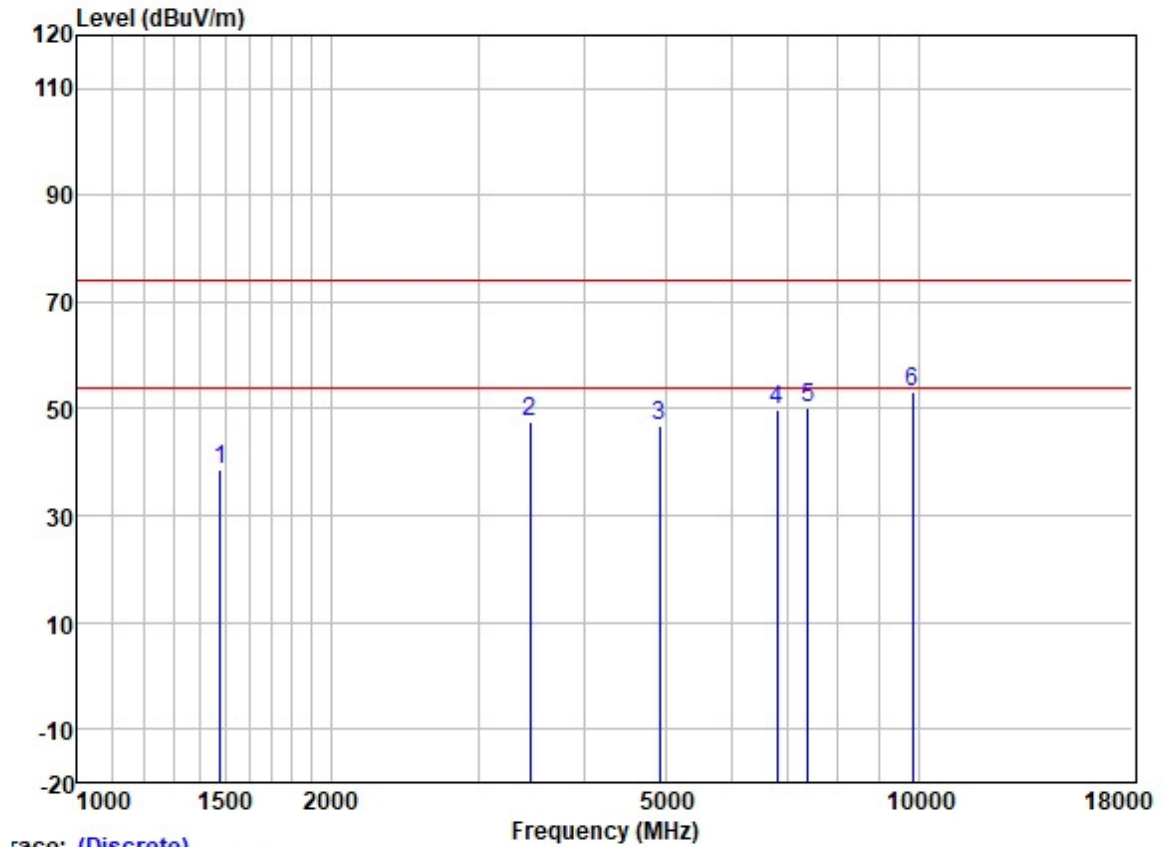
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1540.102	48.81	25.53	2.80	38.03	39.11	74.00	-34.89	HORIZONTAL	Peak
2	3547.234	50.95	28.96	4.42	36.92	47.41	74.00	-26.59	HORIZONTAL	Peak
3	4874.000	46.59	31.54	5.50	36.84	46.79	74.00	-27.21	HORIZONTAL	Peak
4	6383.782	47.17	33.68	5.91	36.98	49.78	74.00	-24.22	HORIZONTAL	Peak
5	7311.000	46.08	35.93	6.11	37.42	50.70	74.00	-23.30	HORIZONTAL	Peak
6	9748.000	44.34	38.50	7.02	37.41	52.45	74.00	-21.55	HORIZONTAL	Peak

Test Mode: 32; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



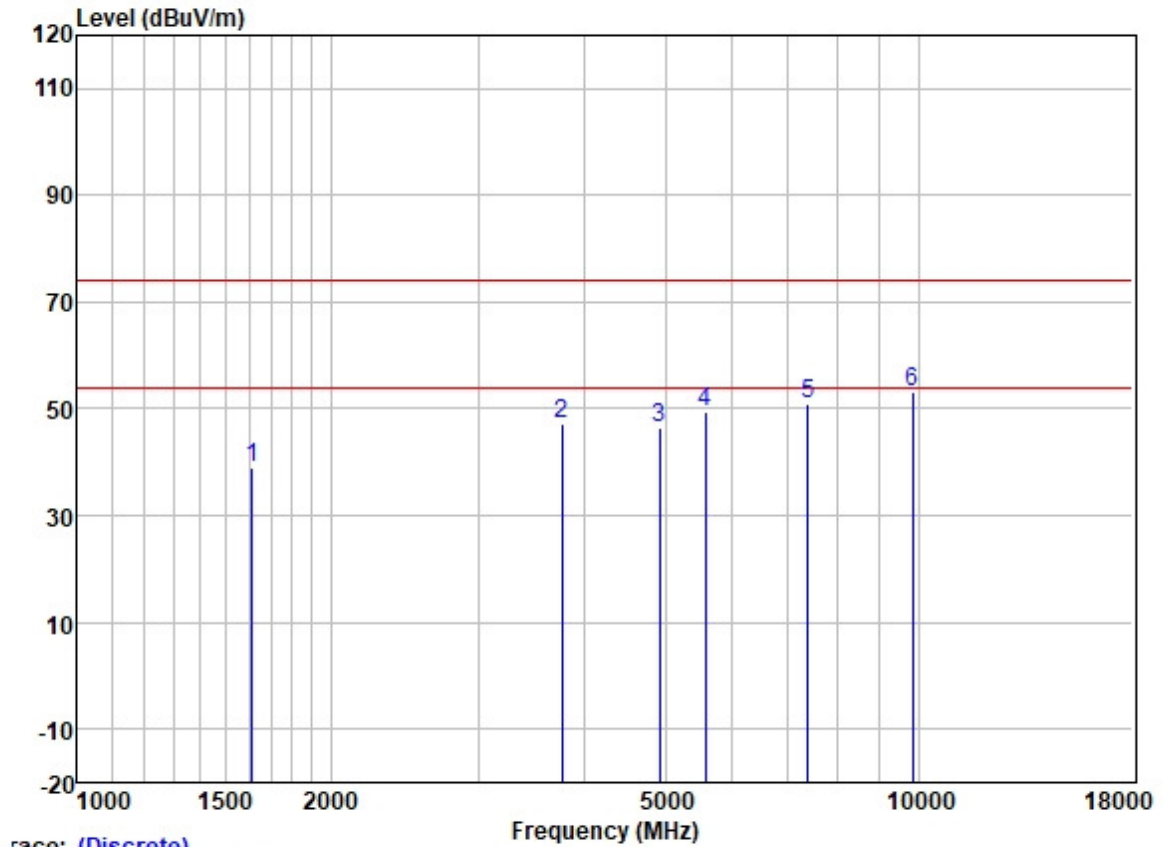
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1407.571	49.24	25.40	2.61	38.22	39.03	74.00	-34.97	VERTICAL	Peak
2	3241.140	51.13	28.67	4.02	37.06	46.76	74.00	-27.24	VERTICAL	Peak
3	4874.000	47.20	31.54	5.50	36.84	47.40	74.00	-26.60	VERTICAL	Peak
4	6804.685	47.03	34.66	5.82	37.12	50.39	74.00	-23.61	VERTICAL	Peak
5	7311.000	45.16	35.93	6.11	37.42	49.78	74.00	-24.22	VERTICAL	Peak
6	9748.000	43.82	38.50	7.02	37.41	51.93	74.00	-22.07	VERTICAL	Peak

Test Mode: 32; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



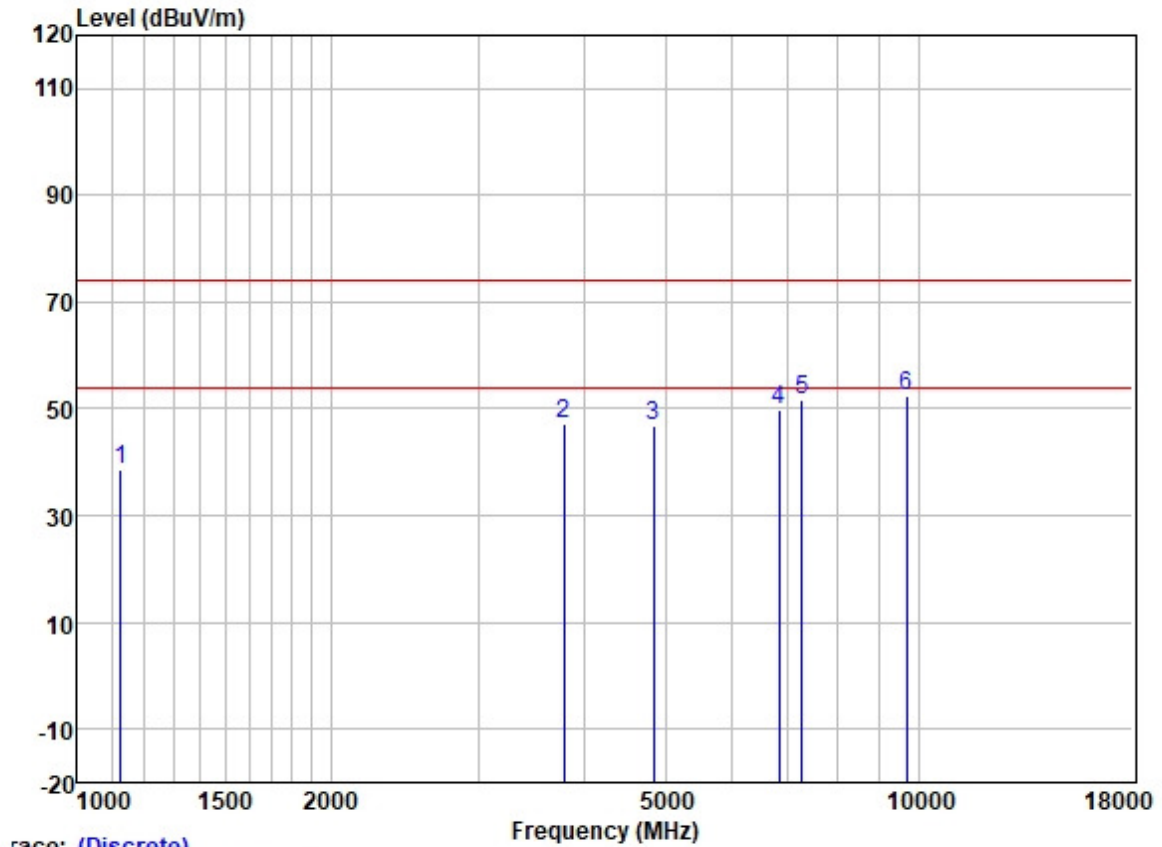
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1479.932	48.49	25.48	2.77	38.13	38.61	74.00	-35.39	HORIZONTAL	Peak
2	3453.364	51.62	28.88	4.20	36.96	47.74	74.00	-26.26	HORIZONTAL	Peak
3	4924.000	46.57	31.62	5.60	36.84	46.95	74.00	-27.05	HORIZONTAL	Peak
4	6793.534	46.62	34.66	5.82	37.12	49.98	74.00	-24.02	HORIZONTAL	Peak
5	7386.000	45.28	36.17	6.19	37.45	50.19	74.00	-23.81	HORIZONTAL	Peak
6	9848.000	45.13	38.58	6.99	37.41	53.29	74.00	-20.71	HORIZONTAL	Peak

Test Mode: 32; Polarity: Vertical; Modulation:802.11n; 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	1612.602	48.42	25.59	2.80	37.95	38.86	74.00	-35.14	VERTICAL	Peak
2	3764.268	50.05	29.45	4.59	36.86	47.23	74.00	-26.77	VERTICAL	Peak
3	4924.000	46.04	31.62	5.60	36.84	46.42	74.00	-27.58	VERTICAL	Peak
4	5585.904	48.32	31.87	6.32	36.89	49.62	74.00	-24.38	VERTICAL	Peak
5	7386.000	45.84	36.17	6.19	37.45	50.75	74.00	-23.25	VERTICAL	Peak
6	9848.000	45.05	38.58	6.99	37.41	53.21	74.00	-20.79	VERTICAL	Peak

Test Mode: 32; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



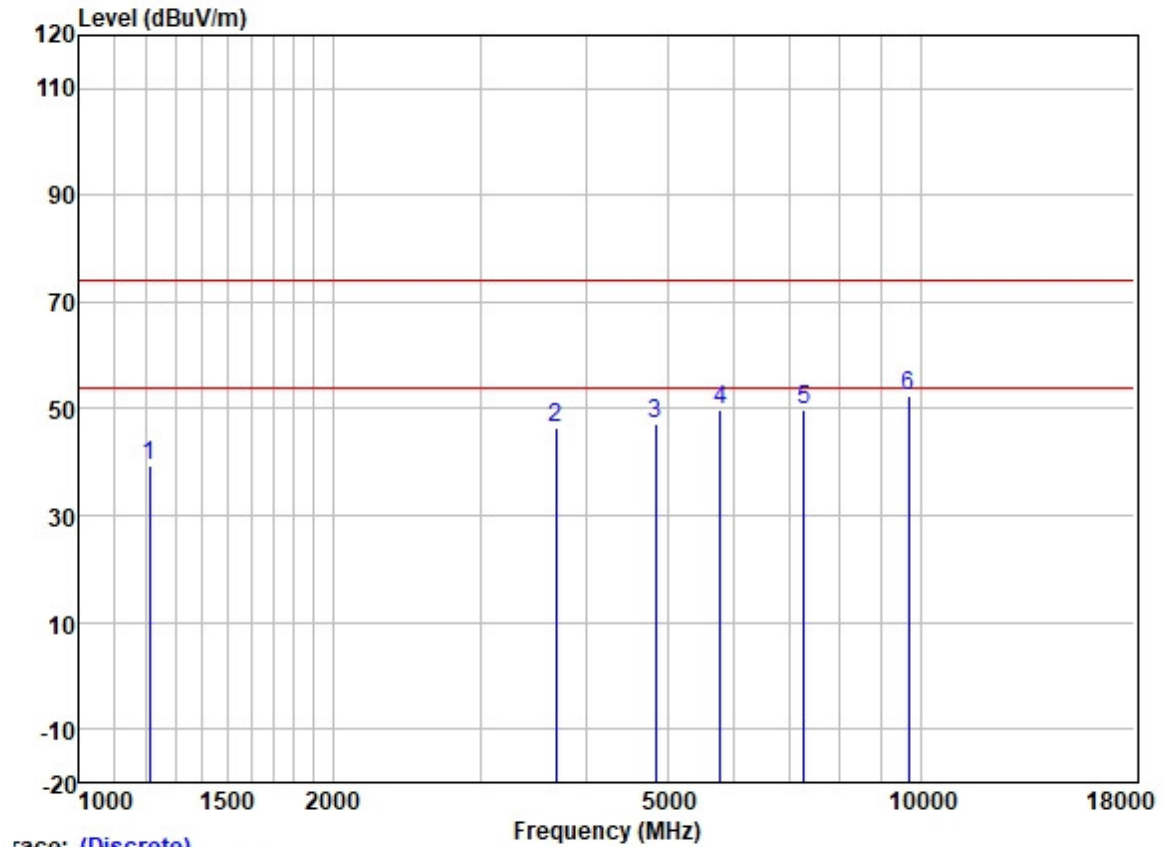
	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1126.300	50.29	24.42	2.21	38.43	38.49	74.00	-35.51	HORIZONTAL Peak
2	3793.477	49.90	29.50	4.60	36.85	47.15	74.00	-26.85	HORIZONTAL Peak
3	4844.000	46.83	31.50	5.45	36.84	46.94	74.00	-27.06	HORIZONTAL Peak
4	6830.610	46.31	34.74	5.82	37.13	49.74	74.00	-24.26	HORIZONTAL Peak
5	7266.000	47.33	35.78	6.06	37.41	51.76	74.00	-22.24	HORIZONTAL Peak
6	9688.000	44.30	38.44	7.04	37.42	52.36	74.00	-21.64	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.

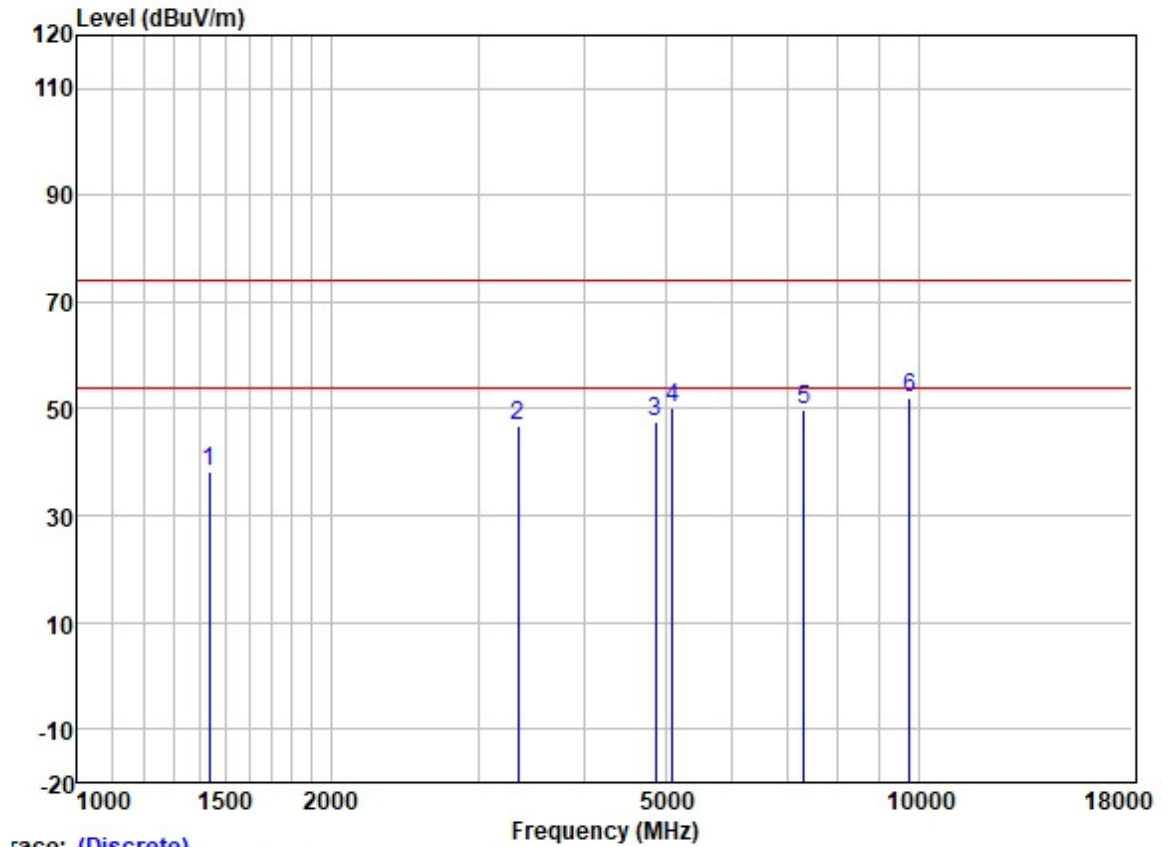
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Mode: 32; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; 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	1213.019	50.60	24.77	2.32	38.37	39.32	74.00	-34.68	VERTICAL	Peak
2	3686.890	49.62	29.20	4.54	36.88	46.48	74.00	-27.52	VERTICAL	Peak
3	4844.000	47.17	31.50	5.45	36.84	47.28	74.00	-26.72	VERTICAL	Peak
4	5783.930	48.57	32.16	6.10	36.89	49.94	74.00	-24.06	VERTICAL	Peak
5	7266.000	45.41	35.78	6.06	37.41	49.84	74.00	-24.16	VERTICAL	Peak
6	9688.000	44.43	38.44	7.04	37.42	52.49	74.00	-21.51	VERTICAL	Peak

Test Mode: 32; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



race: (Discrete)

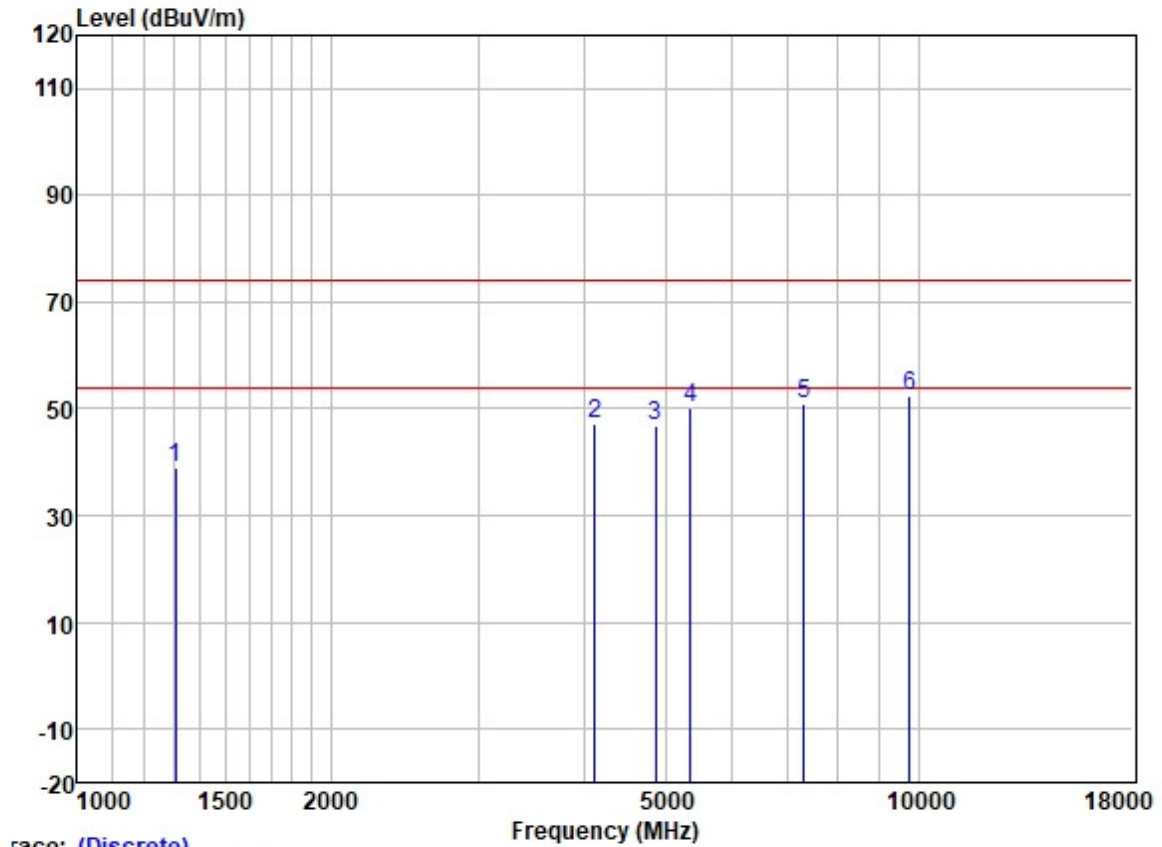
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1436.097	48.37	25.44	2.67	38.20	38.28	74.00	-35.72	HORIZONTAL Peak
2	3341.674	50.95	28.79	4.08	37.01	46.81	74.00	-27.19	HORIZONTAL Peak
3	4874.000	47.19	31.54	5.50	36.84	47.39	74.00	-26.61	HORIZONTAL Peak
4	5096.715	49.61	31.71	5.66	36.86	50.12	74.00	-23.88	HORIZONTAL Peak
5	7311.000	45.35	35.93	6.11	37.42	49.97	74.00	-24.03	HORIZONTAL Peak
6	9748.000	44.00	38.50	7.02	37.41	52.11	74.00	-21.89	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

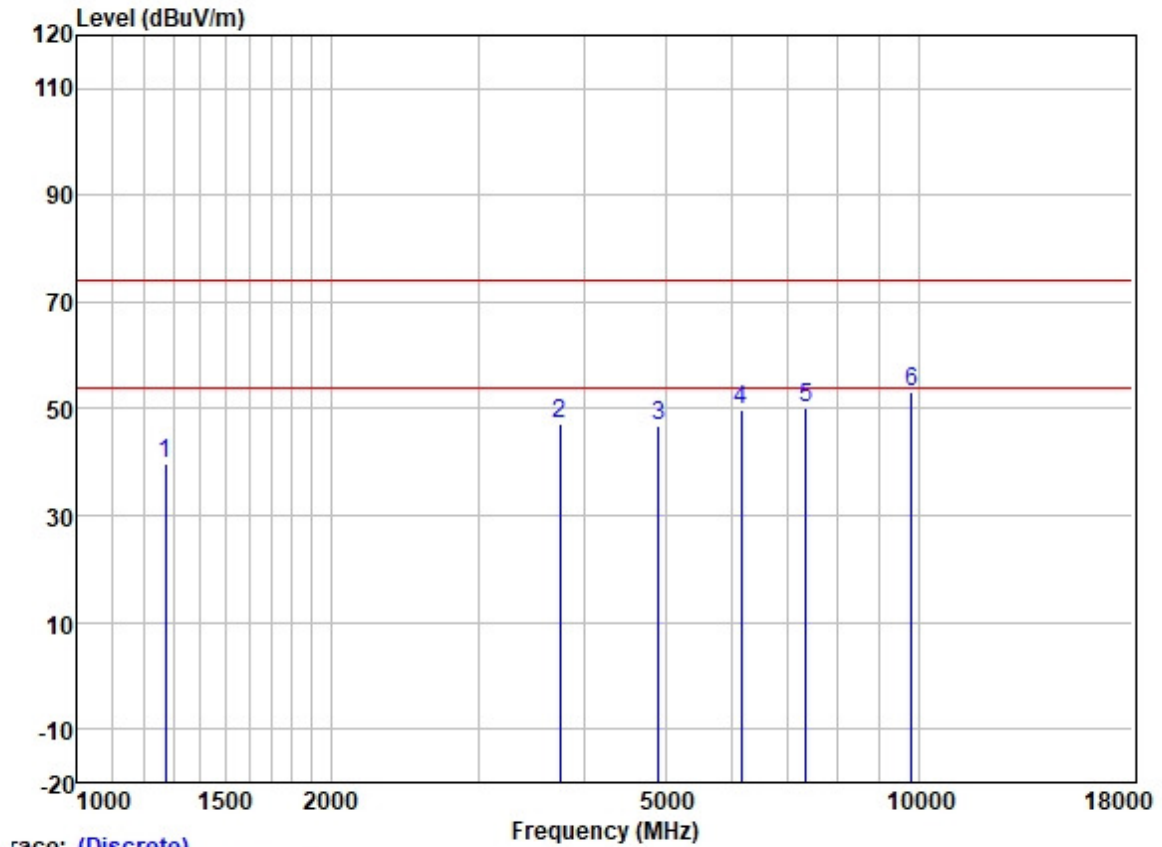
Test Mode: 32; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



race: (Discrete)

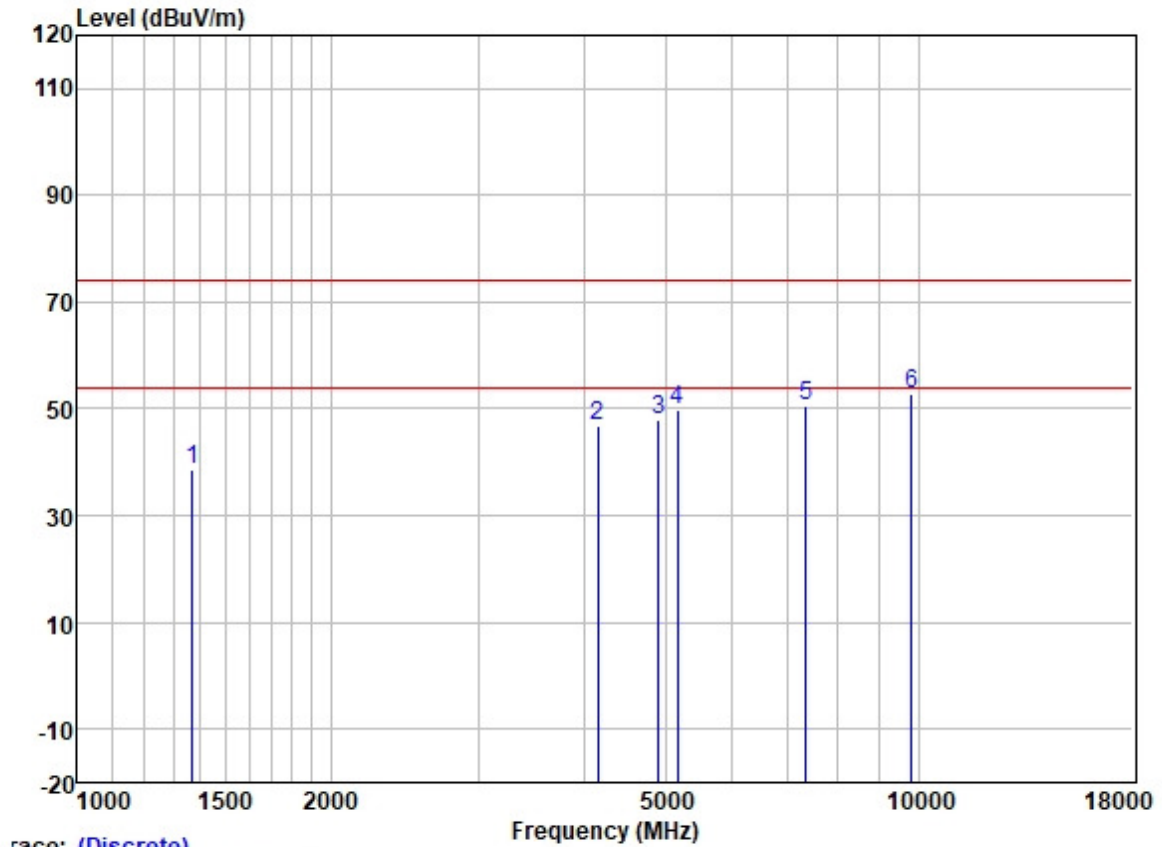
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1308.753	49.37	25.22	2.60	38.31	38.88	74.00	-35.12	VERTICAL Peak
2	4117.279	49.48	29.98	4.60	36.80	47.26	74.00	-26.74	VERTICAL Peak
3	4874.000	46.63	31.54	5.50	36.84	46.83	74.00	-27.17	VERTICAL Peak
4	5361.101	49.40	31.78	6.03	36.88	50.33	74.00	-23.67	VERTICAL Peak
5	7311.000	46.35	35.93	6.11	37.42	50.97	74.00	-23.03	VERTICAL Peak
6	9748.000	44.40	38.50	7.02	37.41	52.51	74.00	-21.49	VERTICAL Peak

Test Mode: 32; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	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	1271.101	50.37	25.11	2.46	38.33	39.61	74.00	-34.39	HORIZONTAL Peak
2	3750.373	50.02	29.39	4.58	36.86	47.13	74.00	-26.87	HORIZONTAL Peak
3	4904.000	46.53	31.58	5.55	36.84	46.82	74.00	-27.18	HORIZONTAL Peak
4	6161.724	47.94	32.83	6.10	36.93	49.94	74.00	-24.06	HORIZONTAL Peak
5	7356.000	45.41	36.06	6.15	37.44	50.18	74.00	-23.82	HORIZONTAL Peak
6	9808.000	45.04	38.56	7.00	37.41	53.19	74.00	-20.81	HORIZONTAL Peak

Test Mode: 32; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1369.343	48.86	25.35	2.60	38.25	38.56	74.00	-35.44	VERTICAL	Peak
2	4155.934	48.98	30.06	4.60	36.80	46.84	74.00	-27.16	VERTICAL	Peak
3	4904.000	47.70	31.58	5.55	36.84	47.99	74.00	-26.01	VERTICAL	Peak
4	5163.756	49.49	31.73	5.61	36.87	49.96	74.00	-24.04	VERTICAL	Peak
5	7356.000	45.73	36.06	6.15	37.44	50.50	74.00	-23.50	VERTICAL	Peak
6	9808.000	44.82	38.56	7.00	37.41	52.97	74.00	-21.03	VERTICAL	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

8 Test Setup Photo

Refer to appendix – Test Setup Photos for GZCR2108020805AT

9 EUT Constructional Details (EUT Photos)

Refer to appendix - External and Internal Photos for GZCR2108020805AT



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

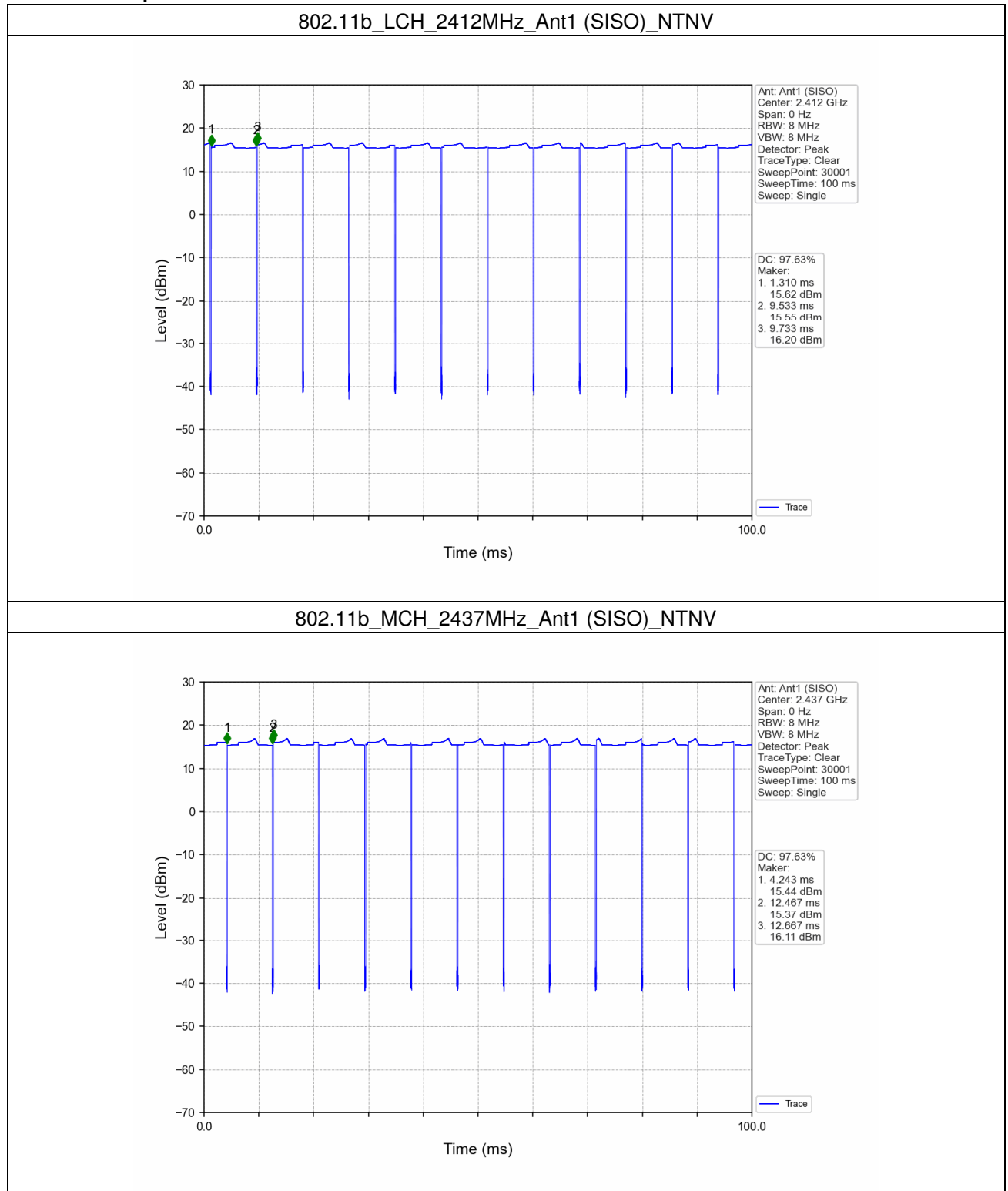
1. Duty Cycle

1.1 Ant1

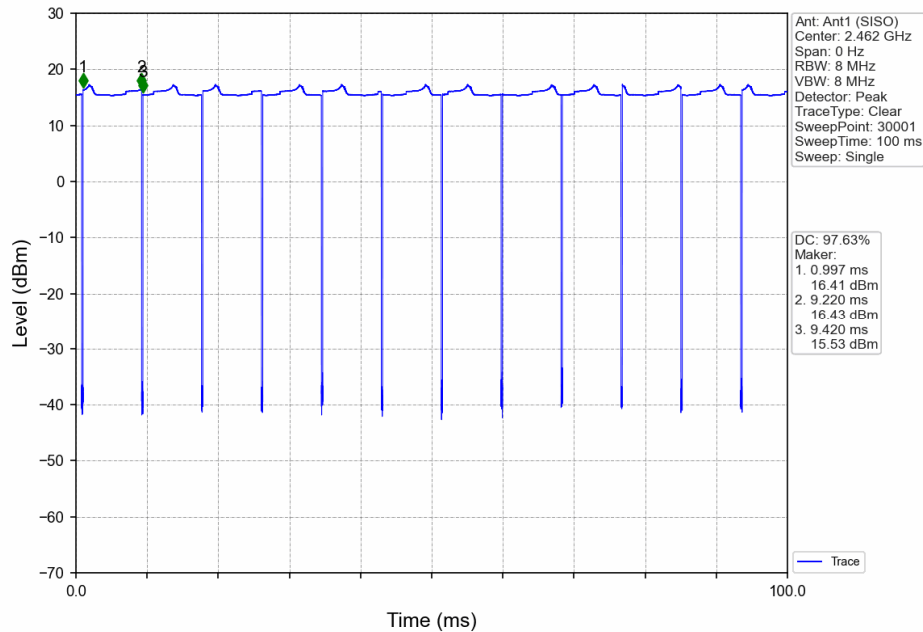
1.1.1 Test Result

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	8.223	8.423	97.63	0.10	0.04
		2437	8.224	8.424	97.63	0.10	0.04
		2462	8.223	8.423	97.63	0.10	0.04
802.11g	SISO	2412	1.364	1.562	87.32	0.59	0.03
		2437	1.364	1.562	87.32	0.59	0.03
		2462	1.364	1.562	87.32	0.59	0.03
802.11n (HT20)	SISO	2412	1.267	1.474	85.96	0.66	0.00
		2437	1.267	1.474	85.96	0.66	0.00
		2462	1.267	1.475	85.90	0.66	0.03
802.11n (HT40)	SISO	2422	0.624	0.836	74.64	1.27	0.06
		2437	0.625	0.835	74.85	1.26	0.03
		2452	0.636	0.835	76.17	1.18	0.01

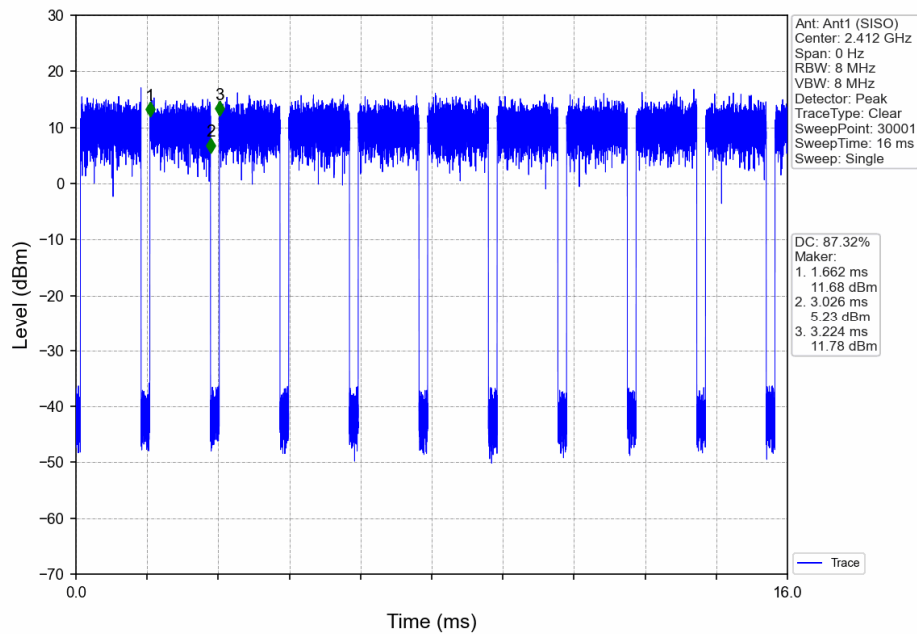
1.1.2 Test Graph



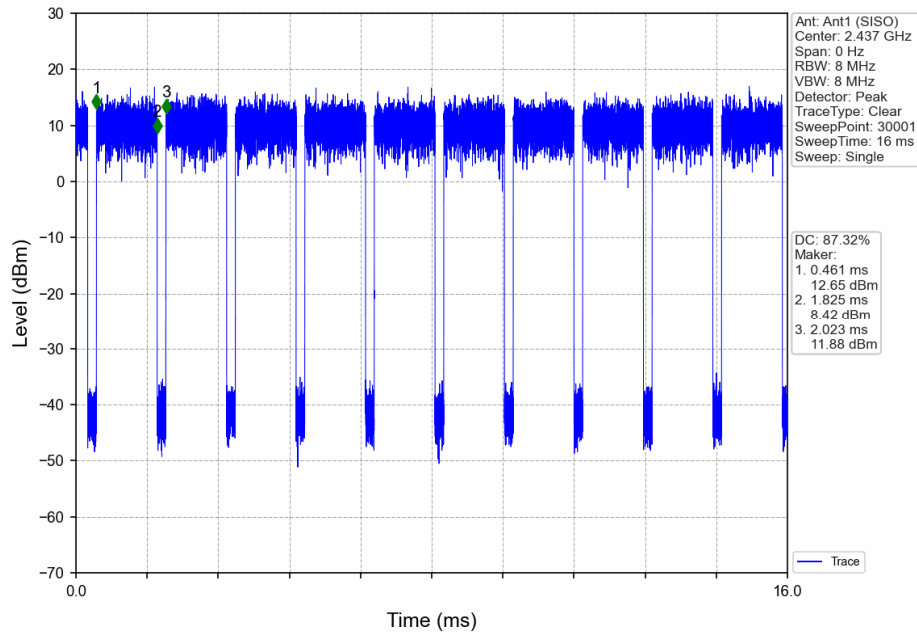
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



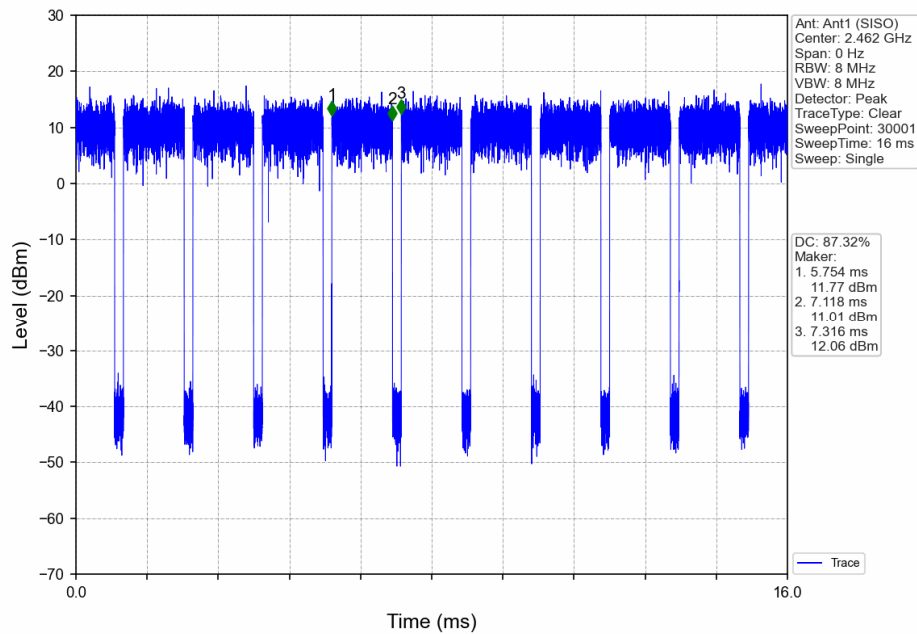
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



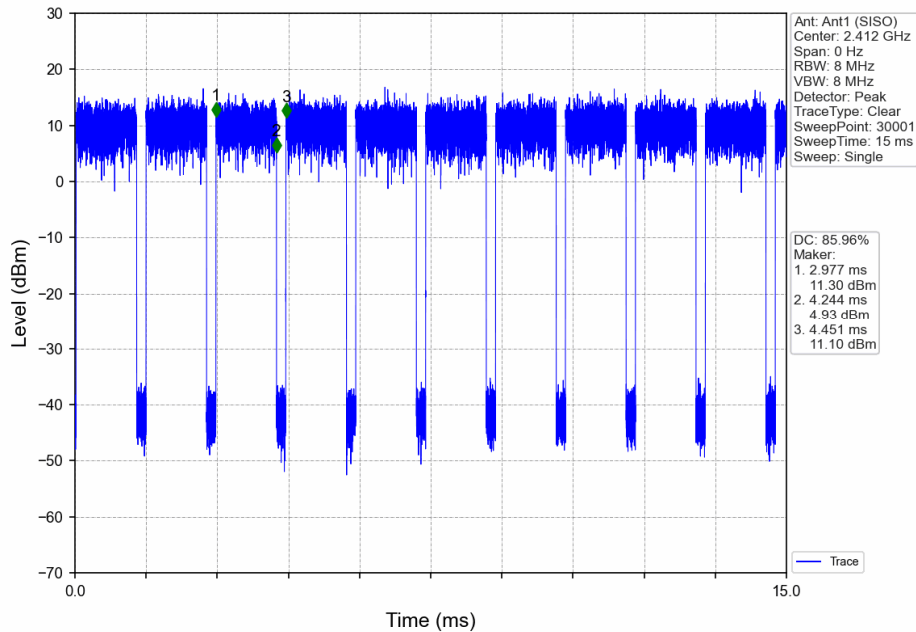
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



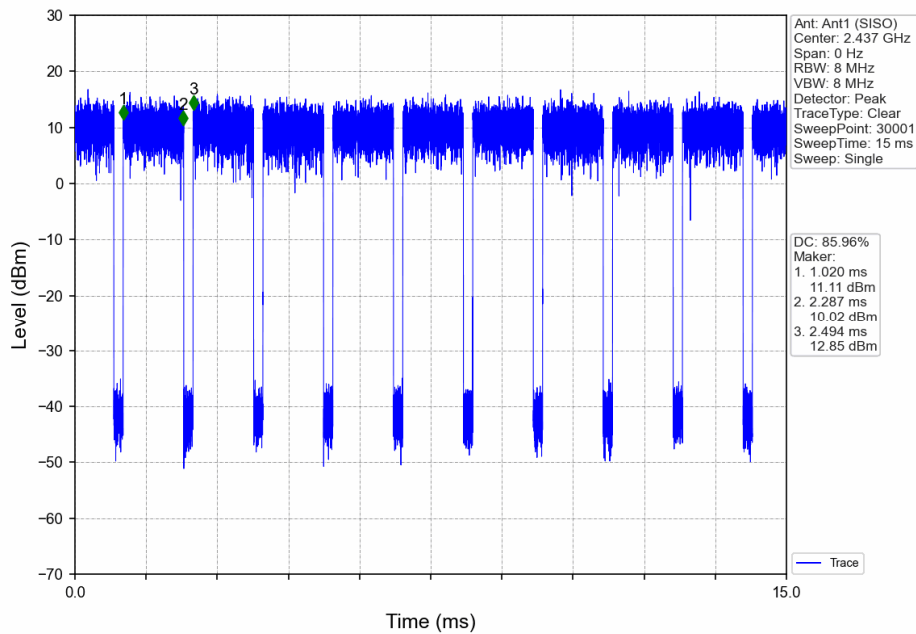
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV

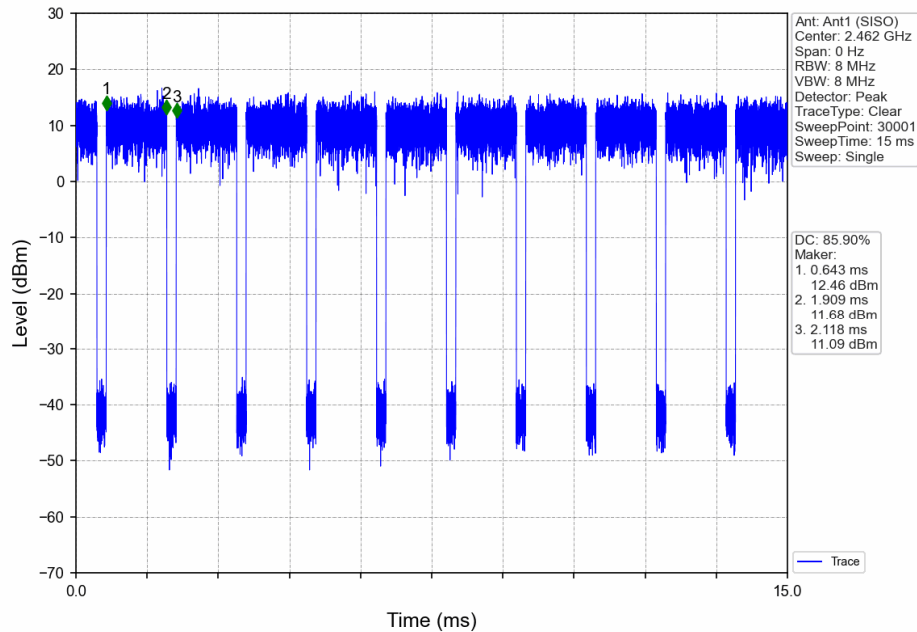


802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV

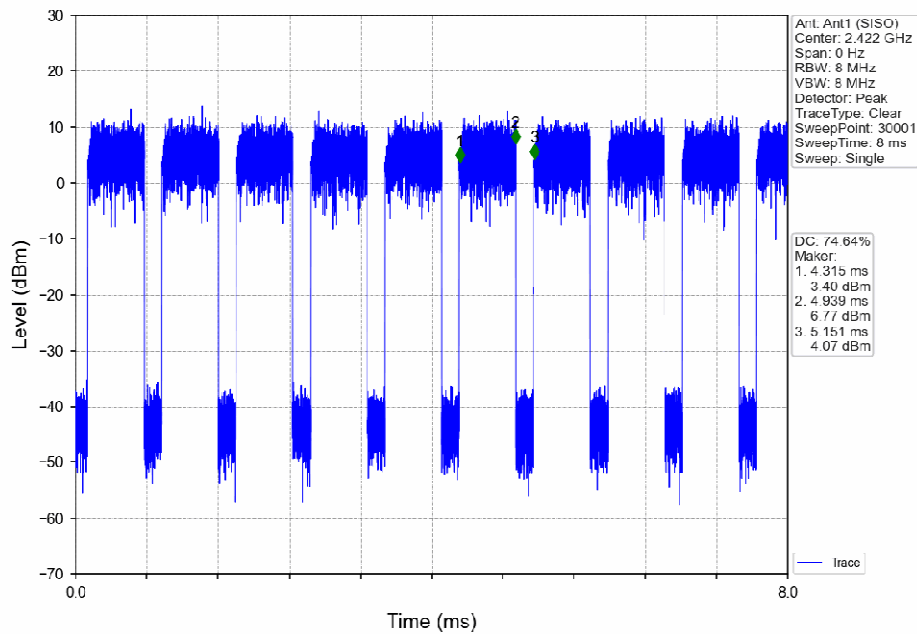


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.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.

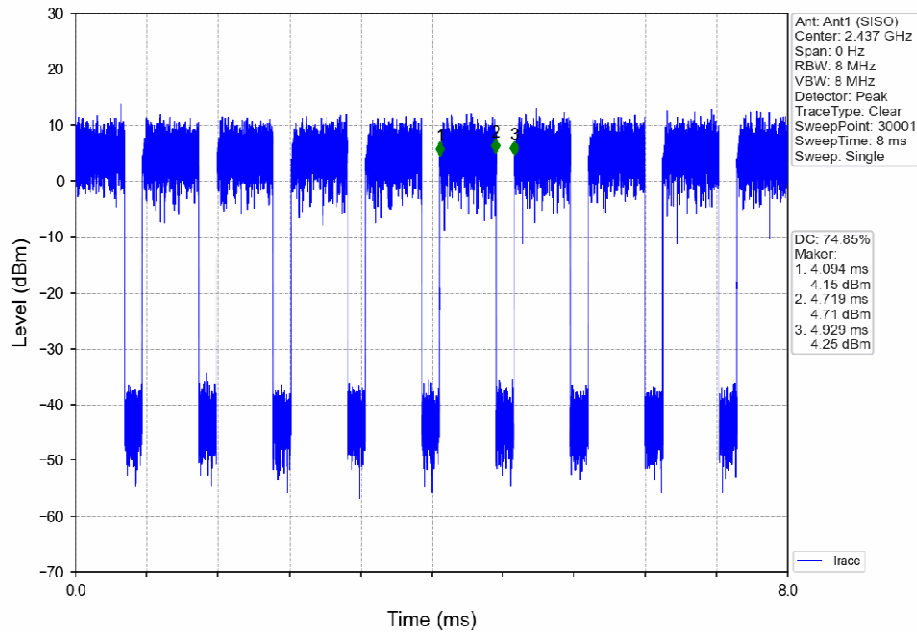
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



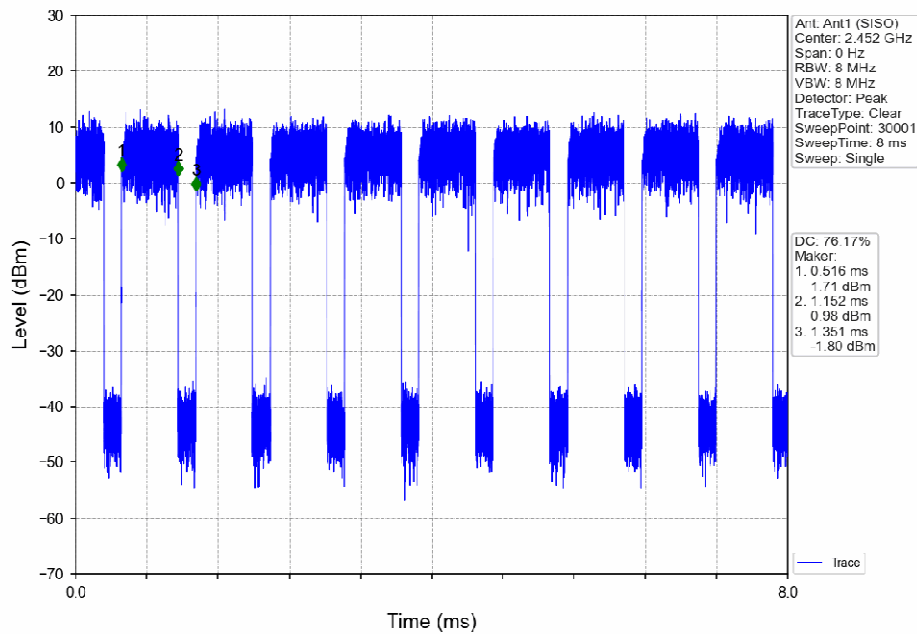
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



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

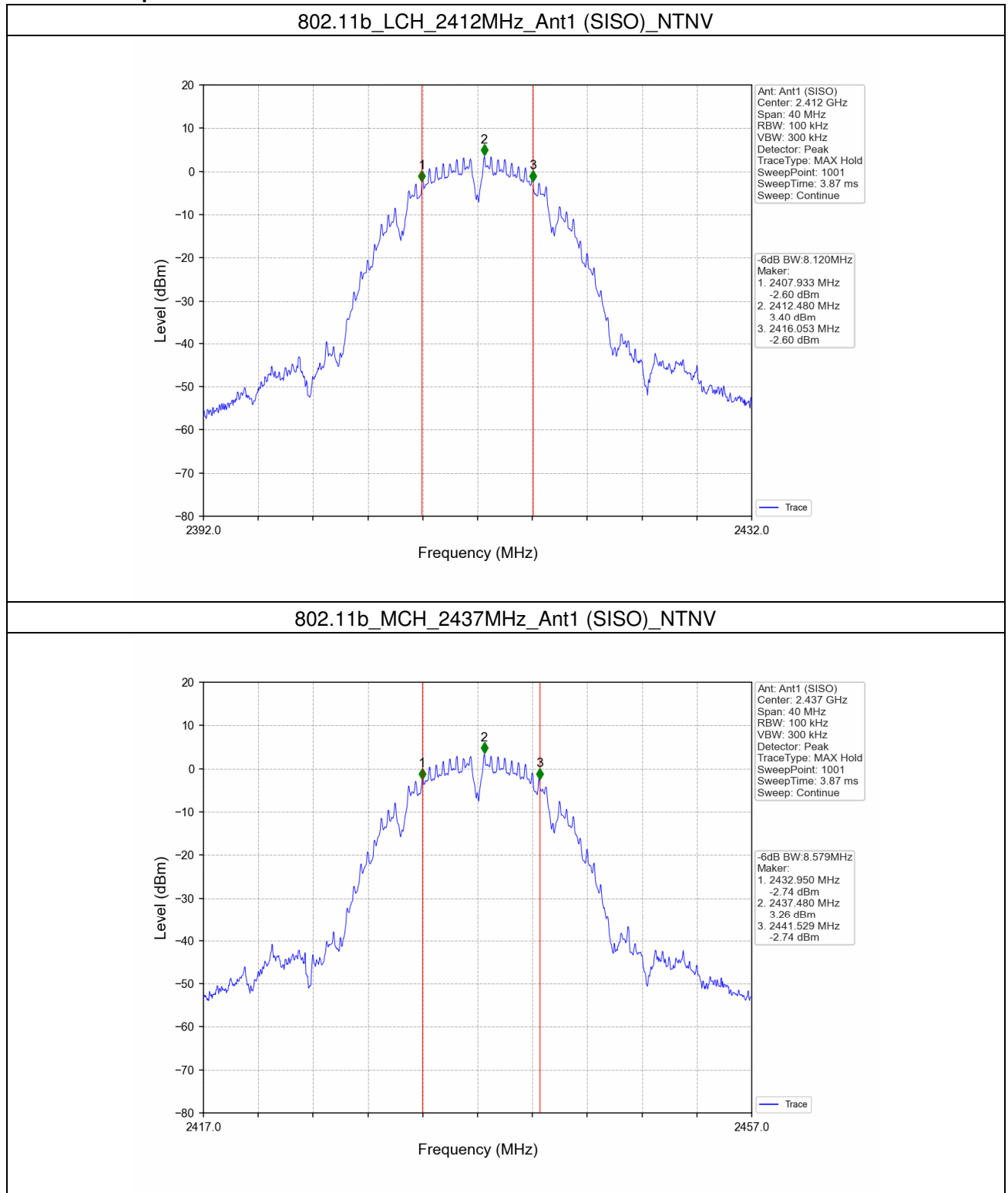
Mode	TX Type	Frequency (MHz)	Ant	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11b	SISO	2412	1	8.120	≥ 0.5	Pass
		2437	1	8.579	≥ 0.5	Pass
		2462	1	8.593	≥ 0.5	Pass
802.11g	SISO	2412	1	16.388	≥ 0.5	Pass
		2437	1	16.405	≥ 0.5	Pass
		2462	1	16.464	≥ 0.5	Pass
802.11n (HT20)	SISO	2412	1	17.594	≥ 0.5	Pass
		2437	1	17.629	≥ 0.5	Pass
		2462	1	17.645	≥ 0.5	Pass
802.11n (HT40)	SISO	2422	1	35.374	≥ 0.5	Pass
		2437	1	35.204	≥ 0.5	Pass
		2452	1	35.193	≥ 0.5	Pass



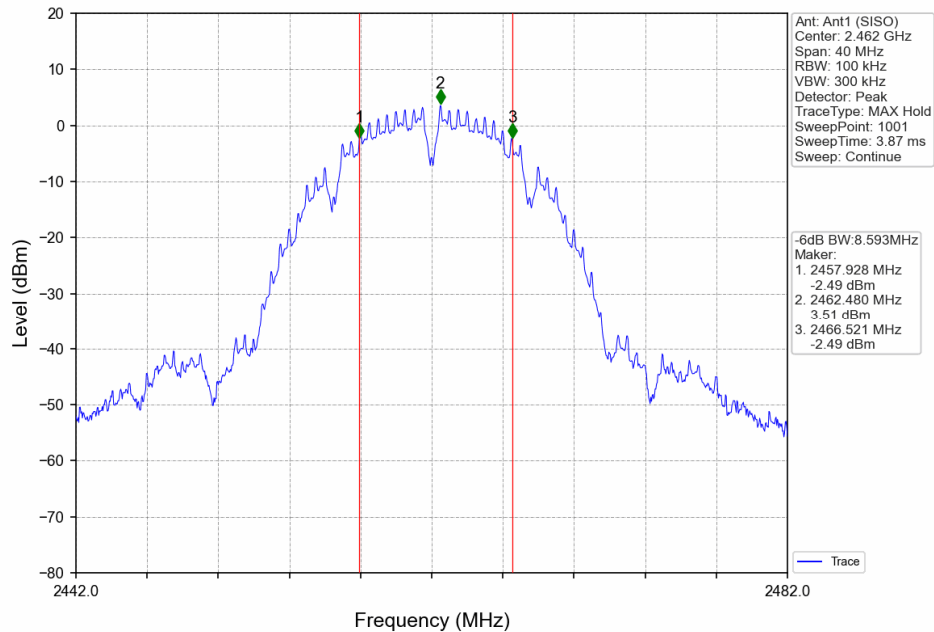
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

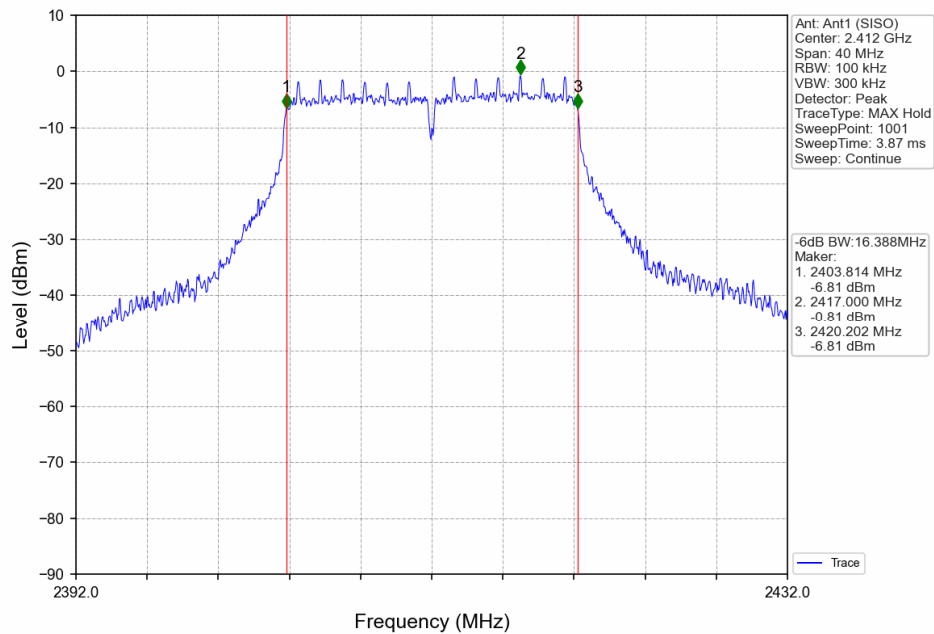
2.1.2 Test Graph



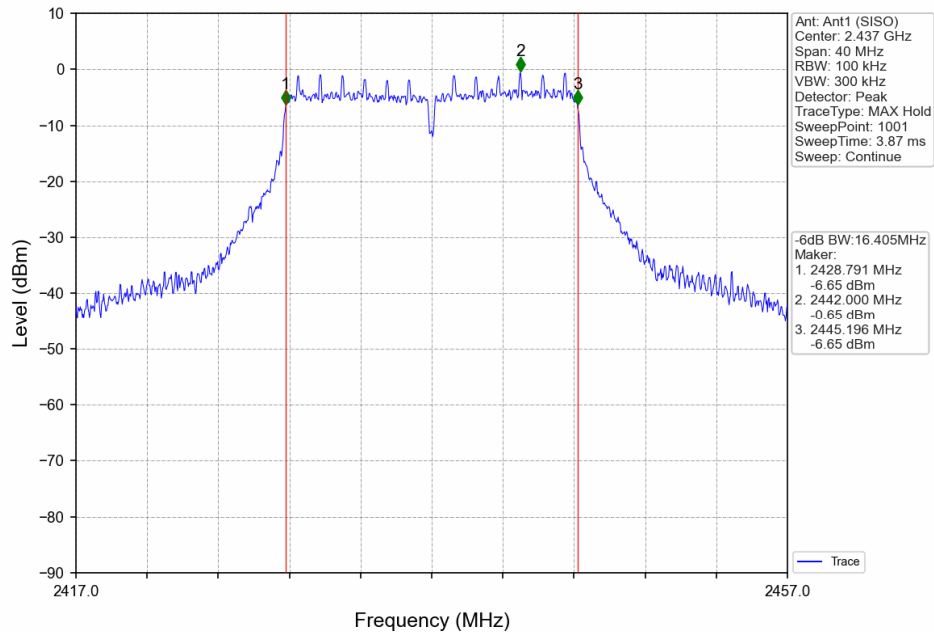
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



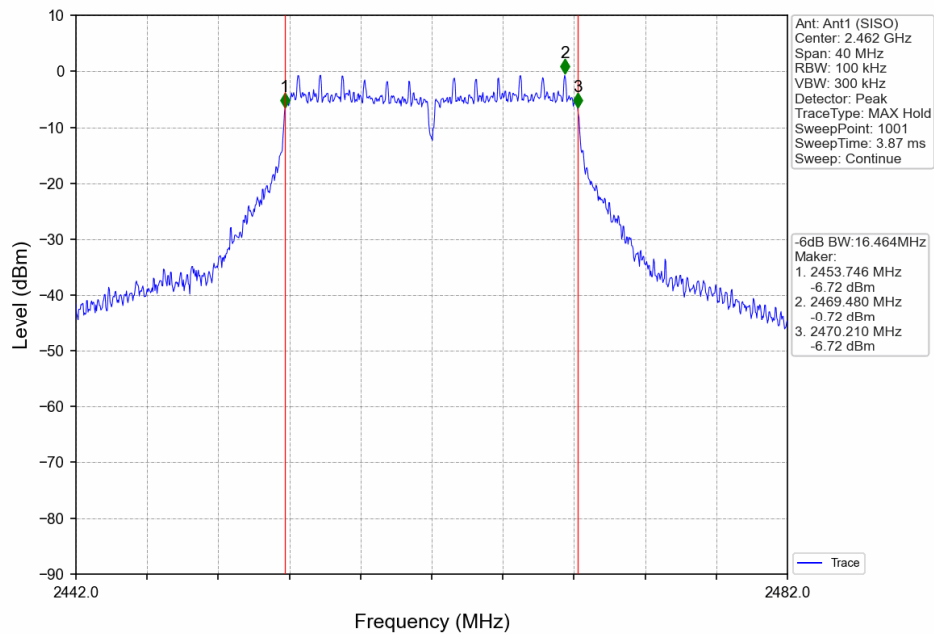
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



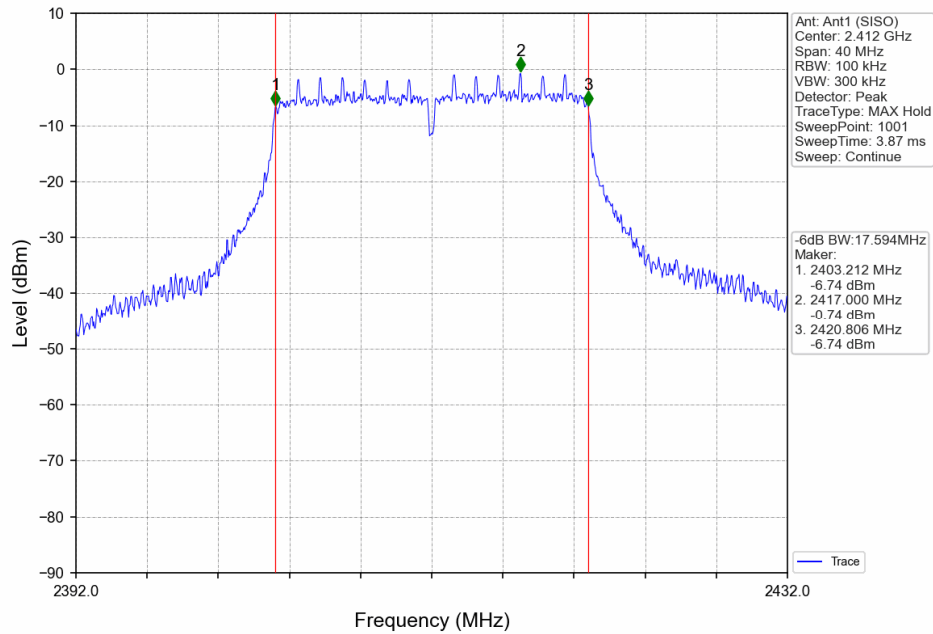
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



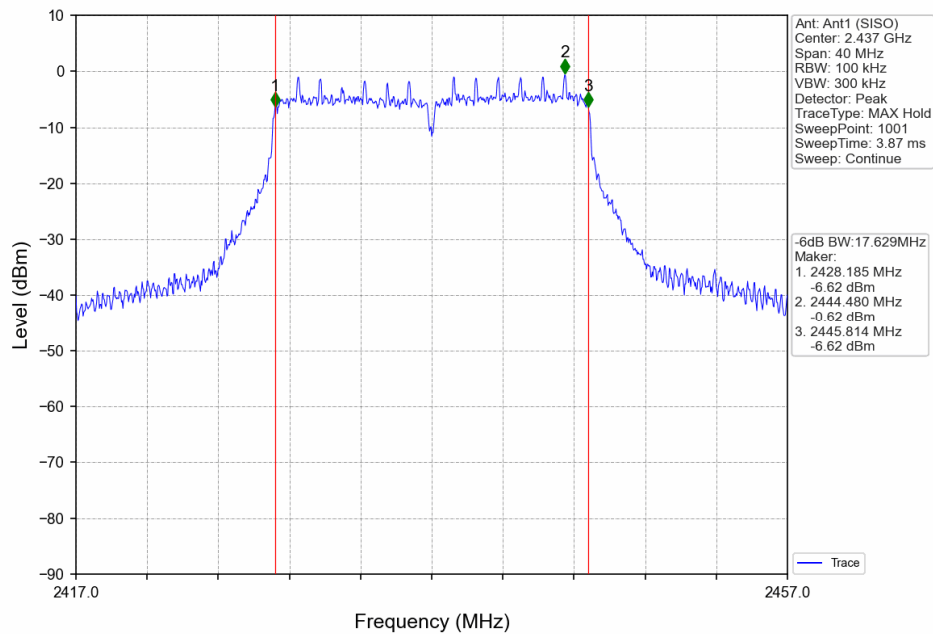
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



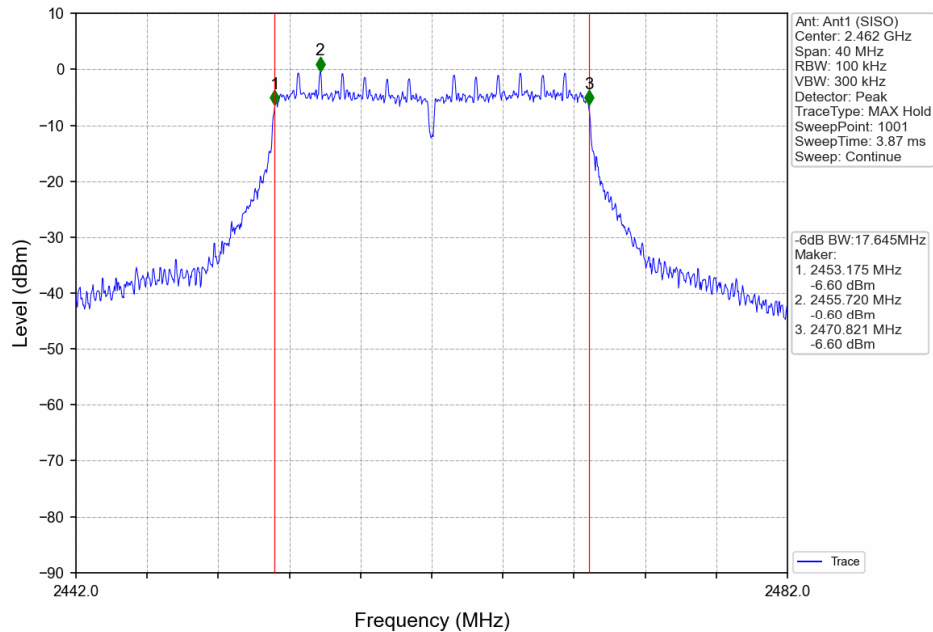
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



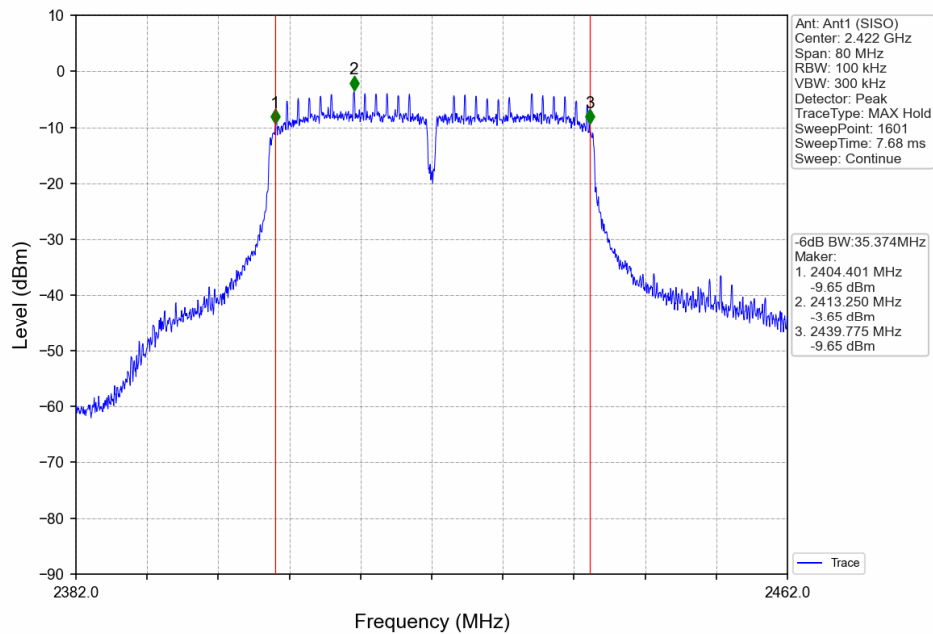
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



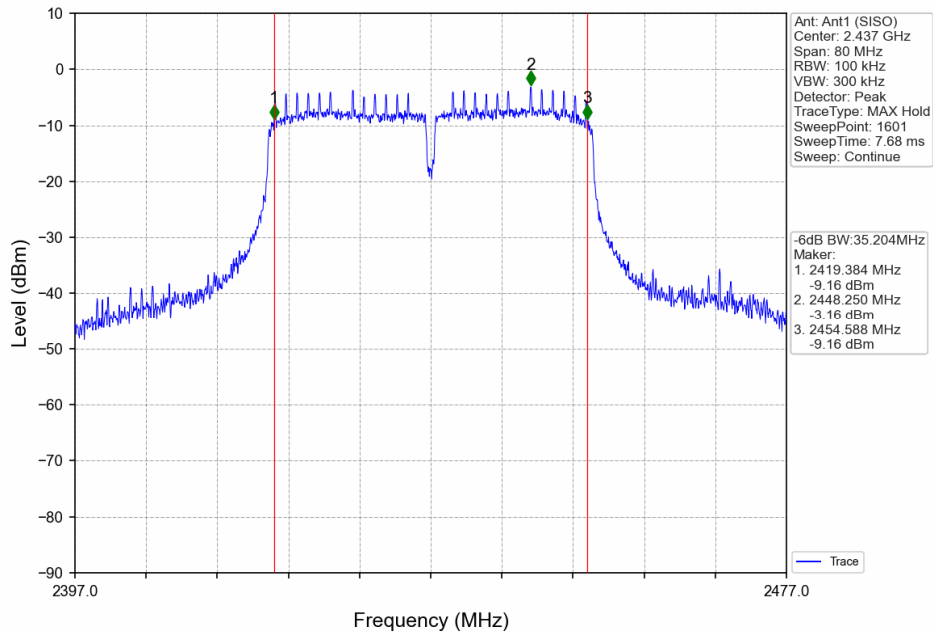
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



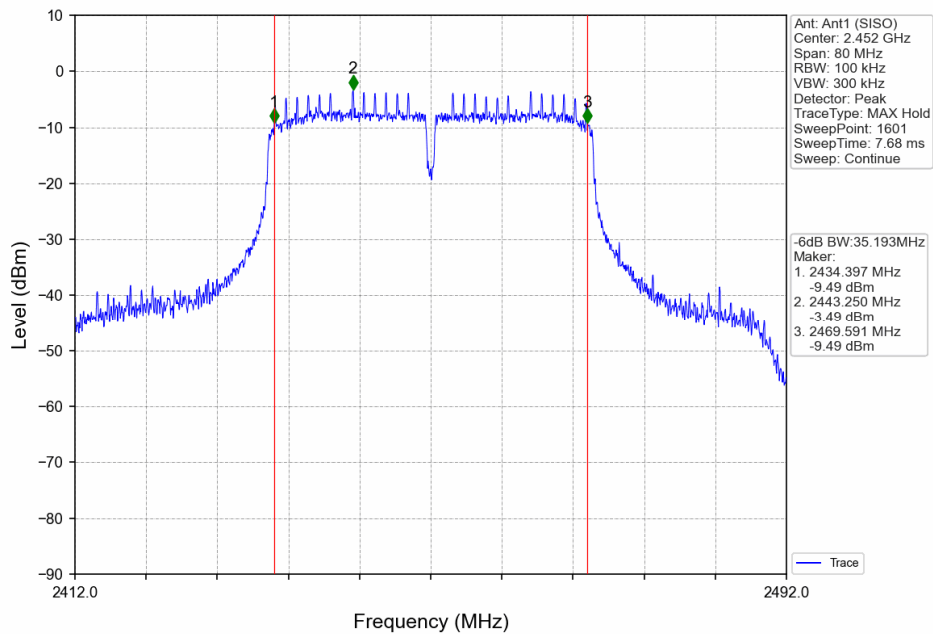
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



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	11.65	<=30	Pass
		2437	11.68	<=30	Pass
		2462	11.72	<=30	Pass
802.11g	SISO	2412	10.05	<=30	Pass
		2437	10.35	<=30	Pass
		2462	10.32	<=30	Pass
802.11n (HT20)	SISO	2412	10.22	<=30	Pass
		2437	10.23	<=30	Pass
		2462	10.50	<=30	Pass
802.11n (HT40)	SISO	2422	10.05	<=30	Pass
		2437	10.40	<=30	Pass
		2452	10.25	<=30	Pass

Note1: Antenna Gain: Ant1: 2.50dBi;

4. Maximum Power Spectral Density

4.1 PSD

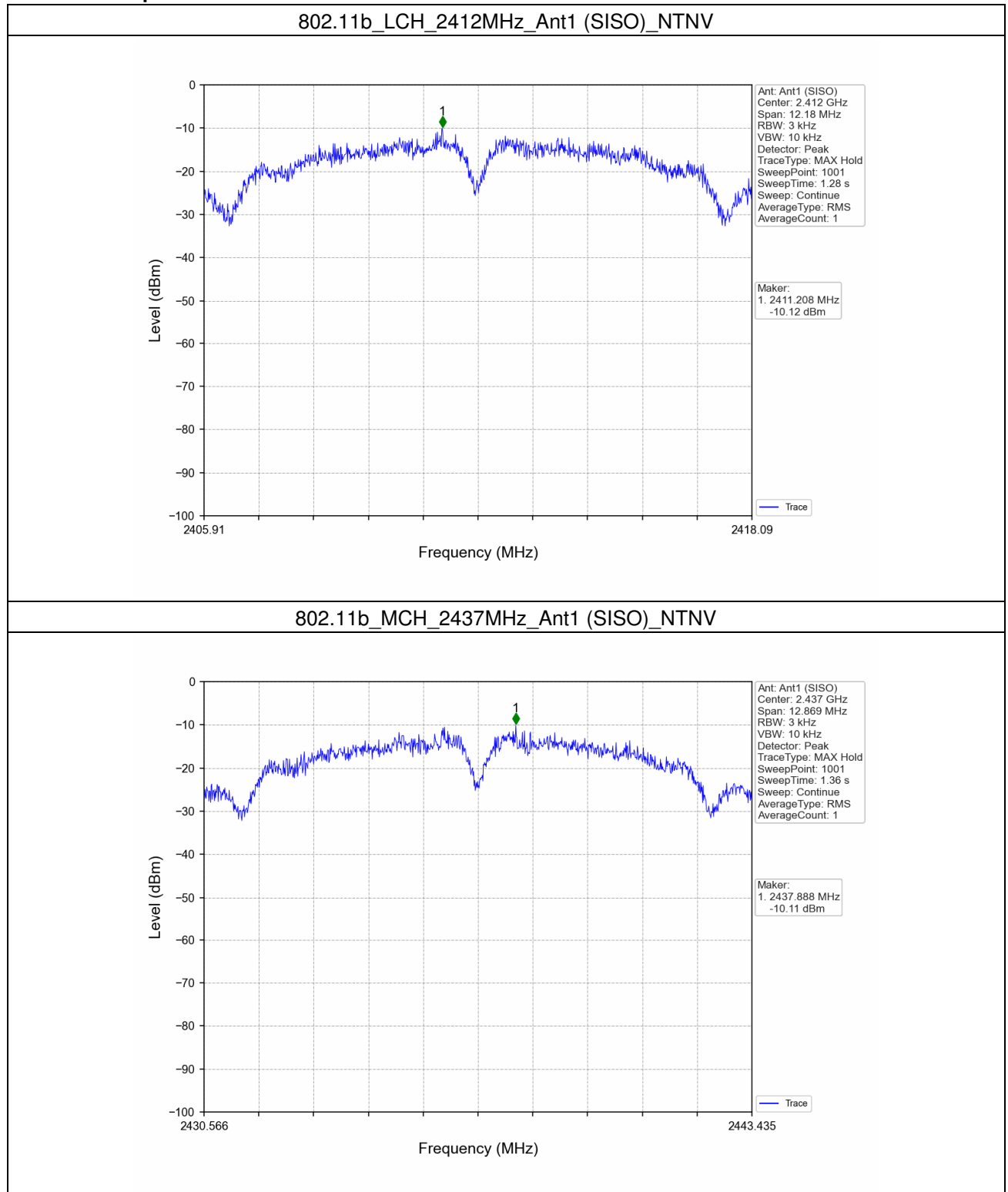
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/3kHz)		Verdict
			Ant1	Limit	
802.11b	SISO	2412	-10.12	<=8	Pass
		2437	-10.11	<=8	Pass
		2462	-11.03	<=8	Pass
802.11g	SISO	2412	-15.53	<=8	Pass
		2437	-13.45	<=8	Pass
		2462	-15.01	<=8	Pass
802.11n (HT20)	SISO	2412	-16.04	<=8	Pass
		2437	-15.47	<=8	Pass
		2462	-15.25	<=8	Pass
802.11n (HT40)	SISO	2422	-18.51	<=8	Pass
		2437	-18.04	<=8	Pass
		2452	-17.43	<=8	Pass

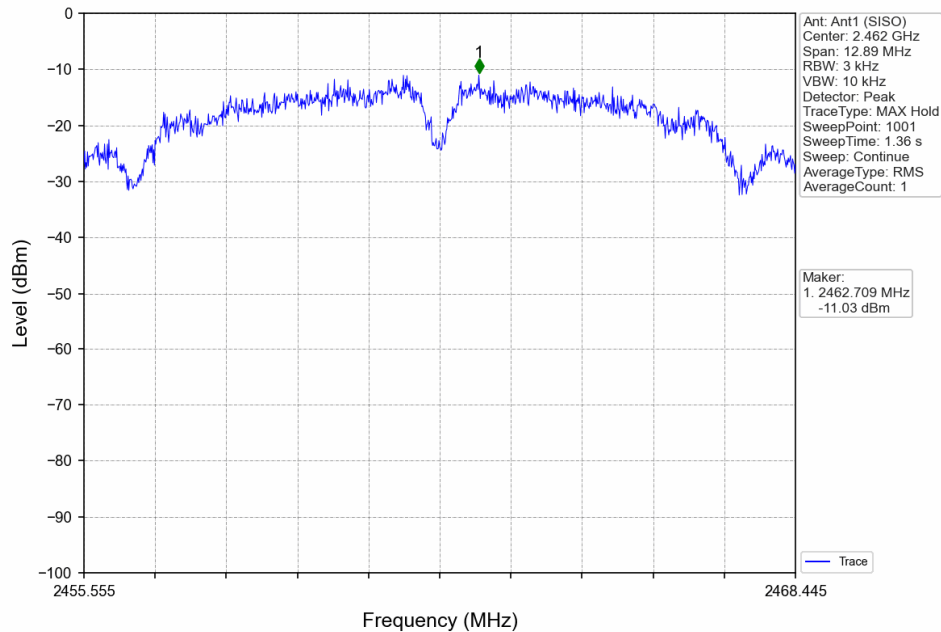
Note1: Antenna Gain: Ant1: 2.50dBi;



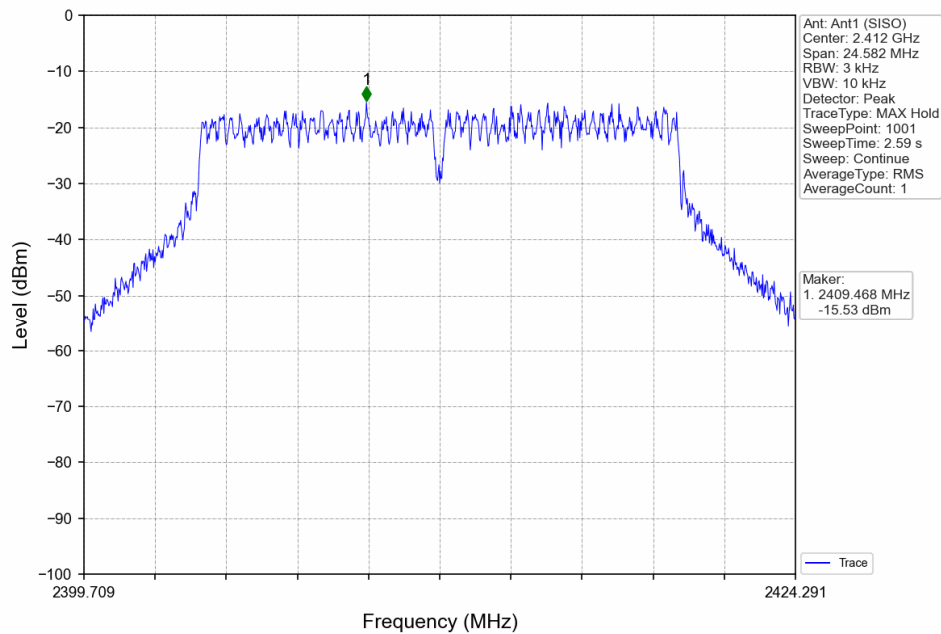
4.1.2 Test Graph



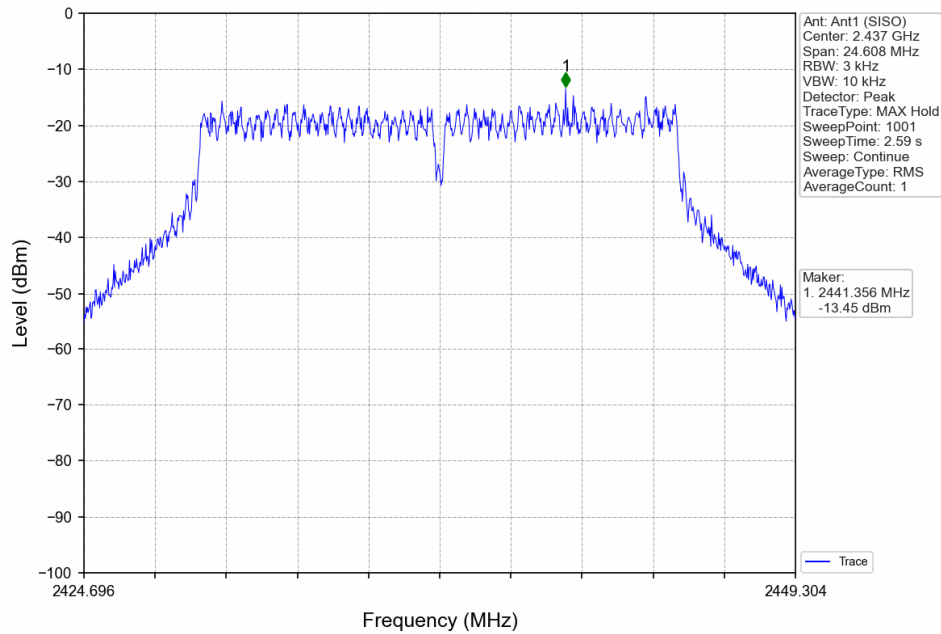
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



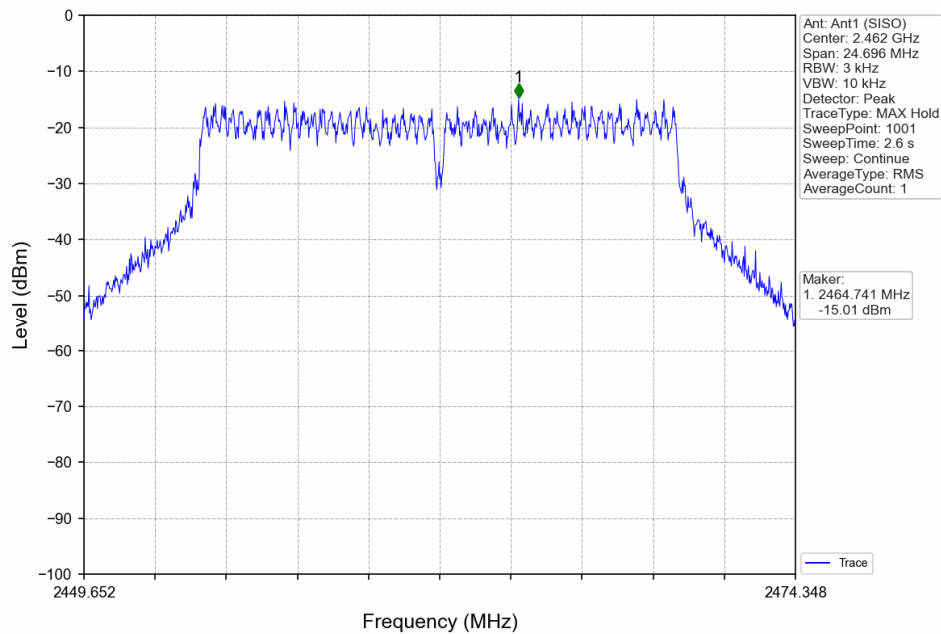
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



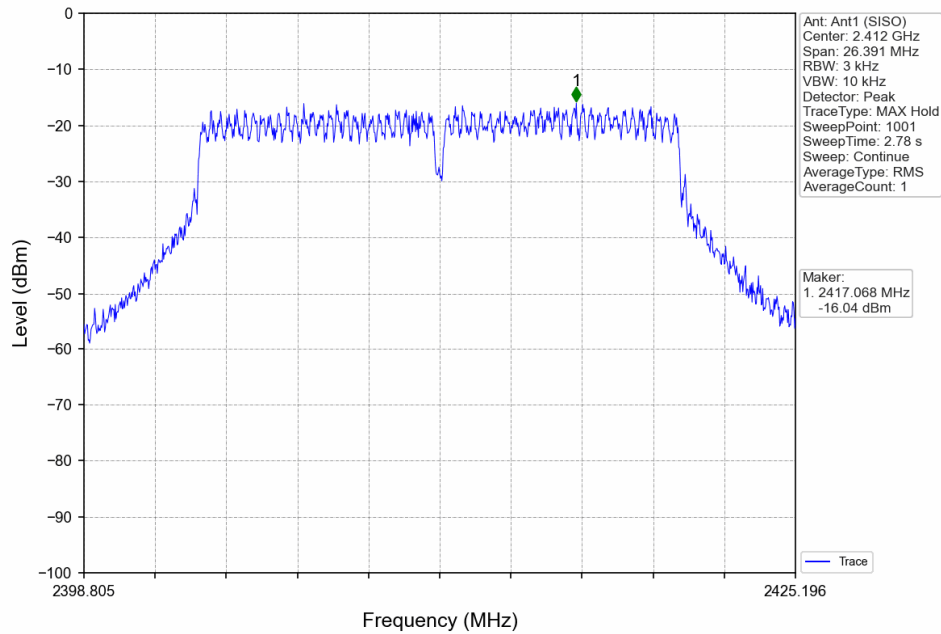
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



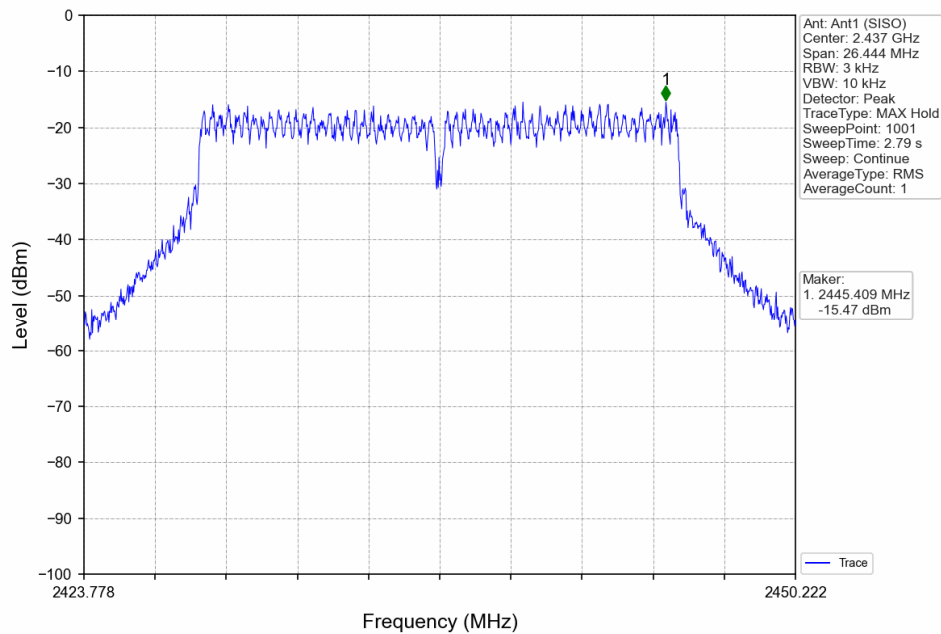
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



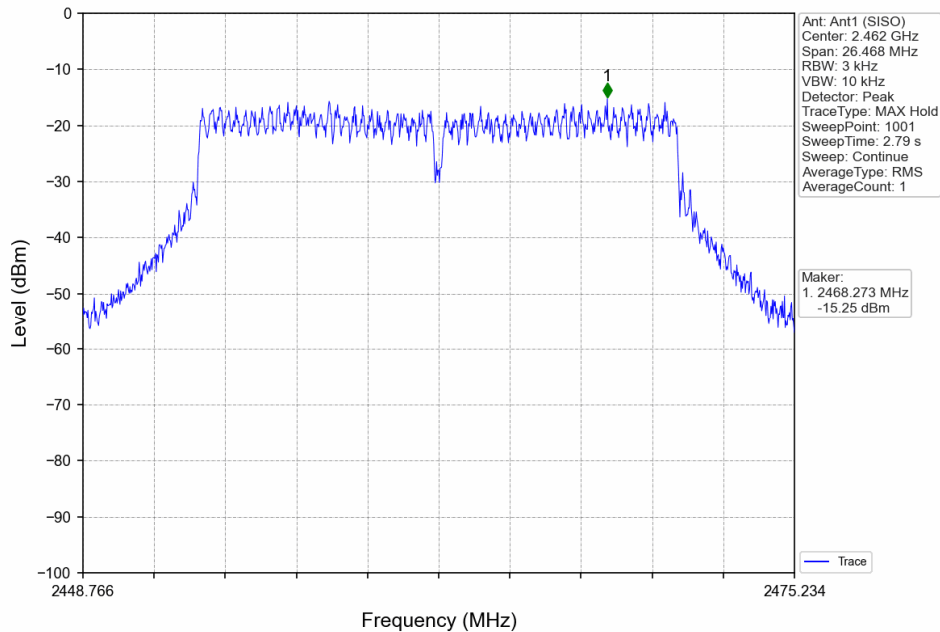
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



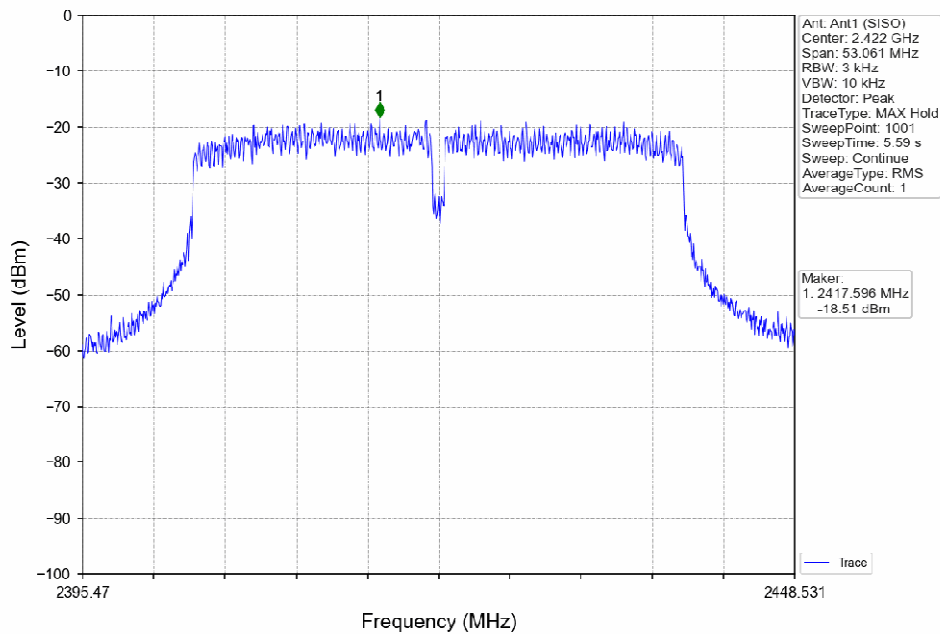
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



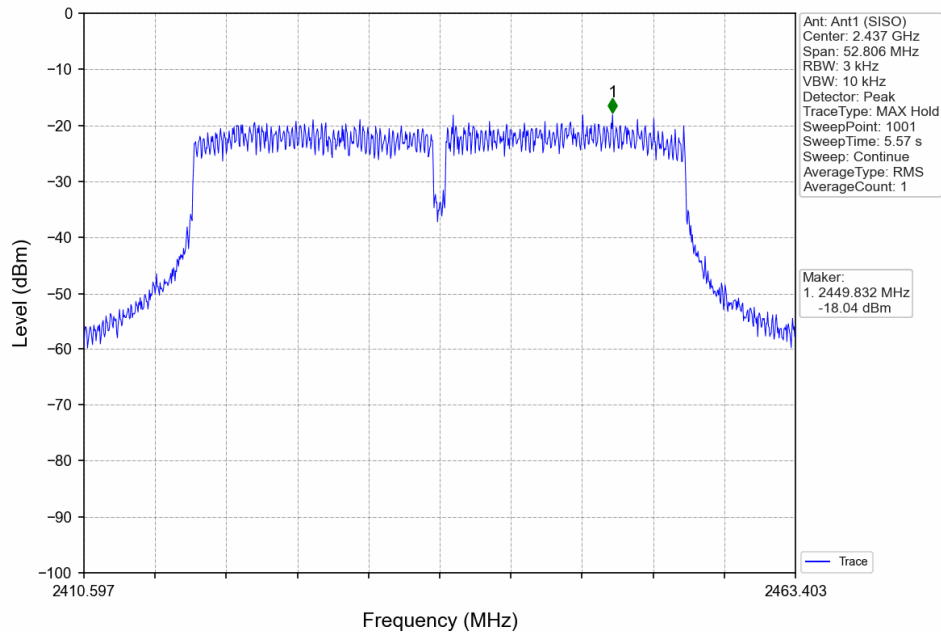
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



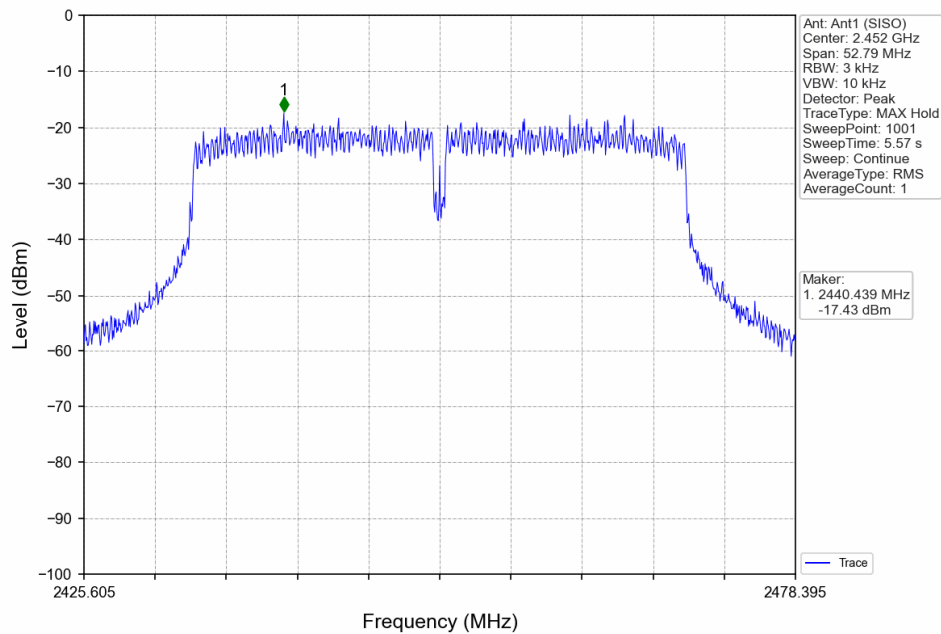
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.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



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.

5. Unwanted Emissions In Non-restricted Frequency Bands

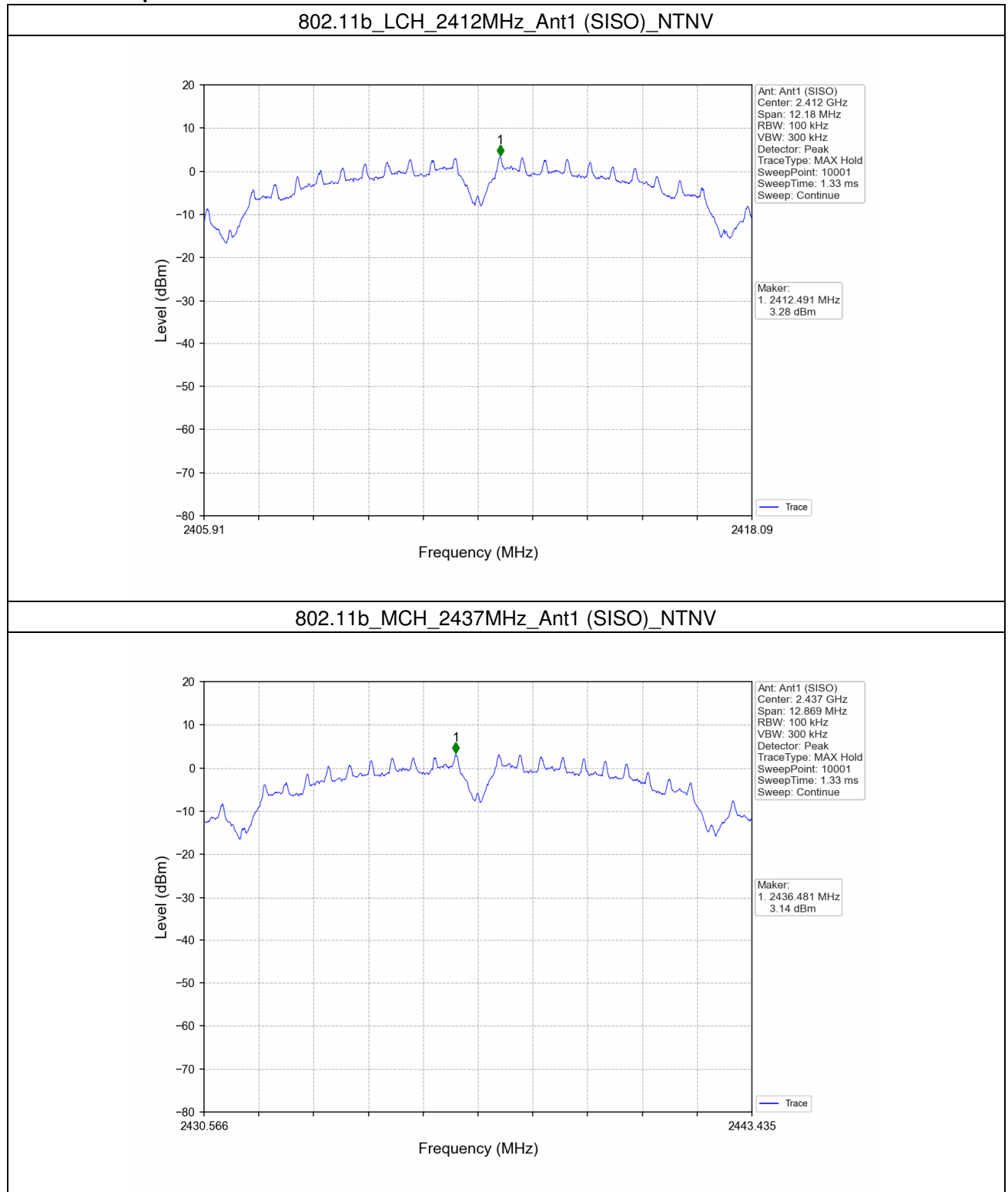
5.1 Ref

5.1.1 Test Result

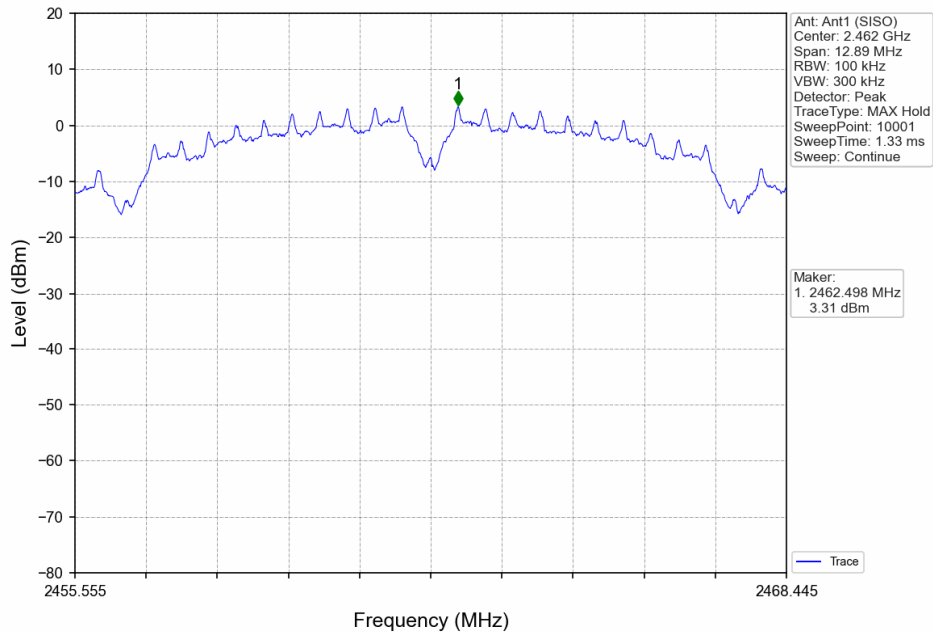
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)
802.11b	SISO	2412	1	3.28
		2437	1	3.14
		2462	1	3.31
802.11g	SISO	2412	1	-1.07
		2437	1	-0.71
		2462	1	-0.75
802.11n (HT20)	SISO	2412	1	-0.84
		2437	1	-0.64
		2462	1	-0.64
802.11n (HT40)	SISO	2422	1	-3.55
		2437	1	-3.26
		2452	1	-3.45

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.

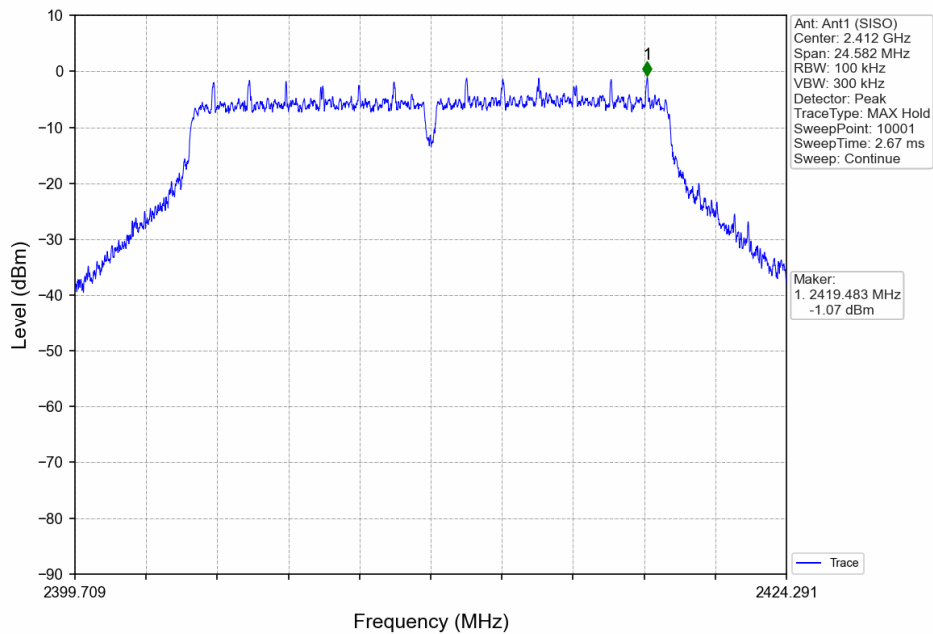
5.1.2 Test Graph



802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



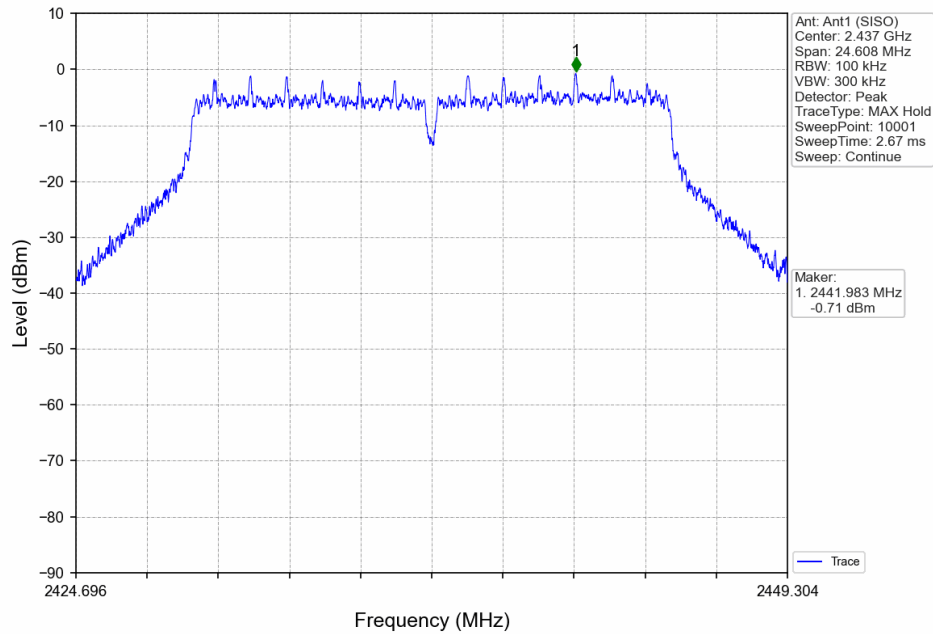
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



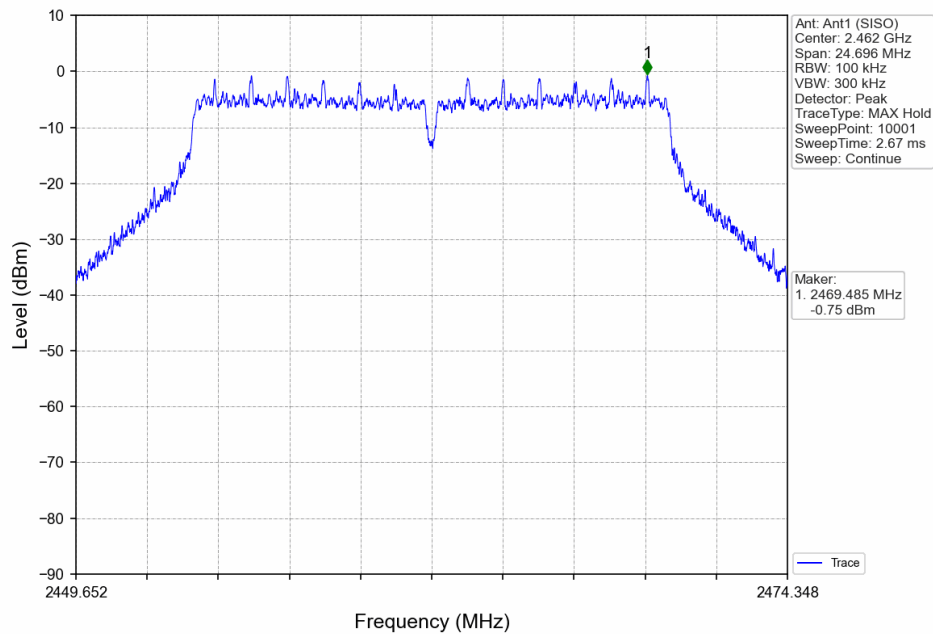
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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

802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV

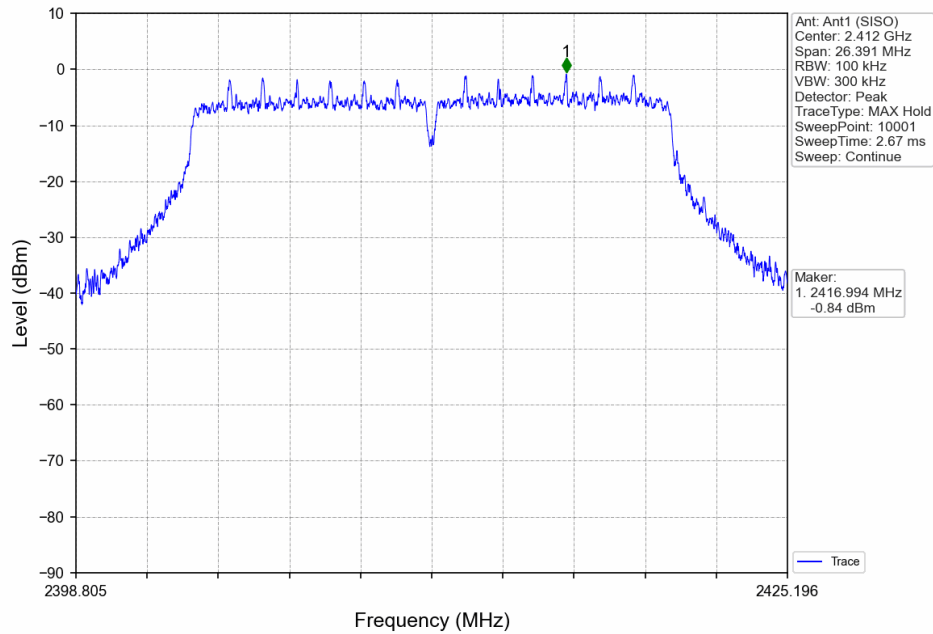


802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV

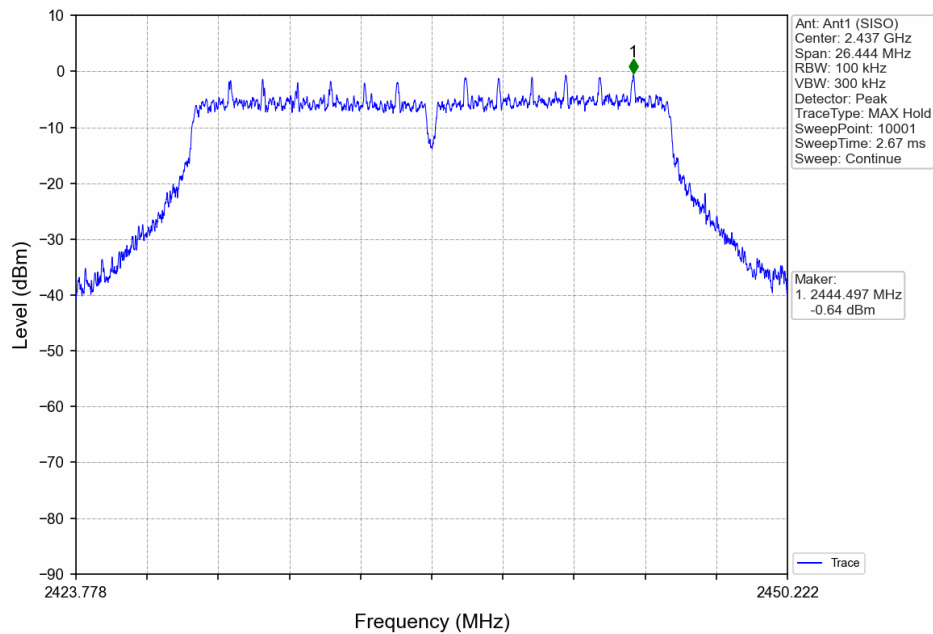


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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.

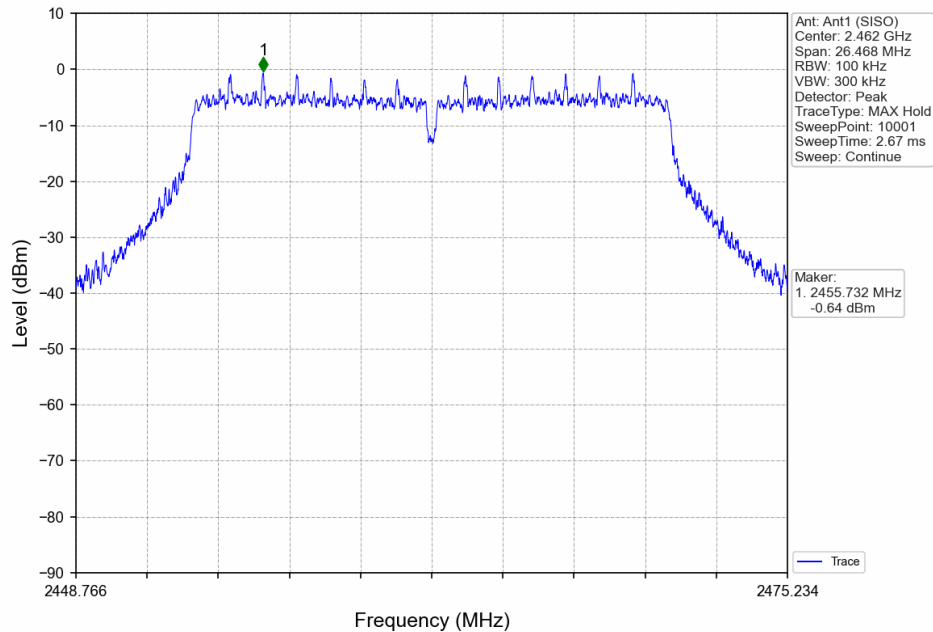
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



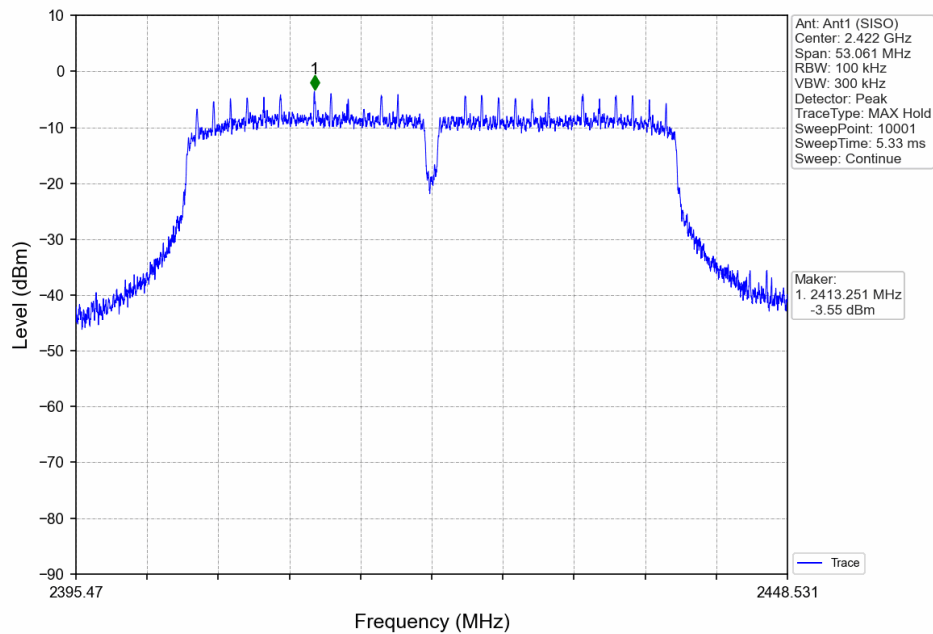
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



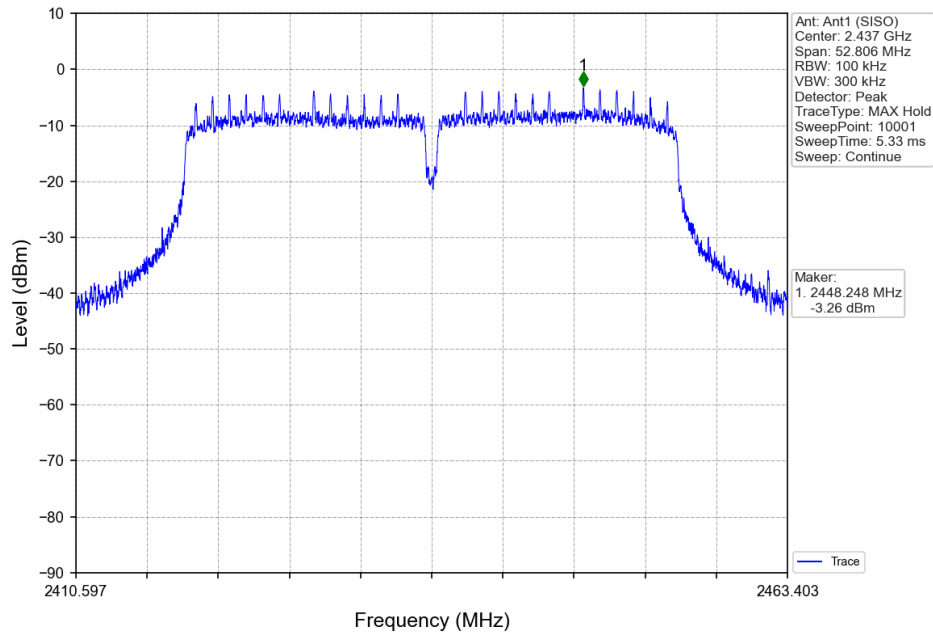
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



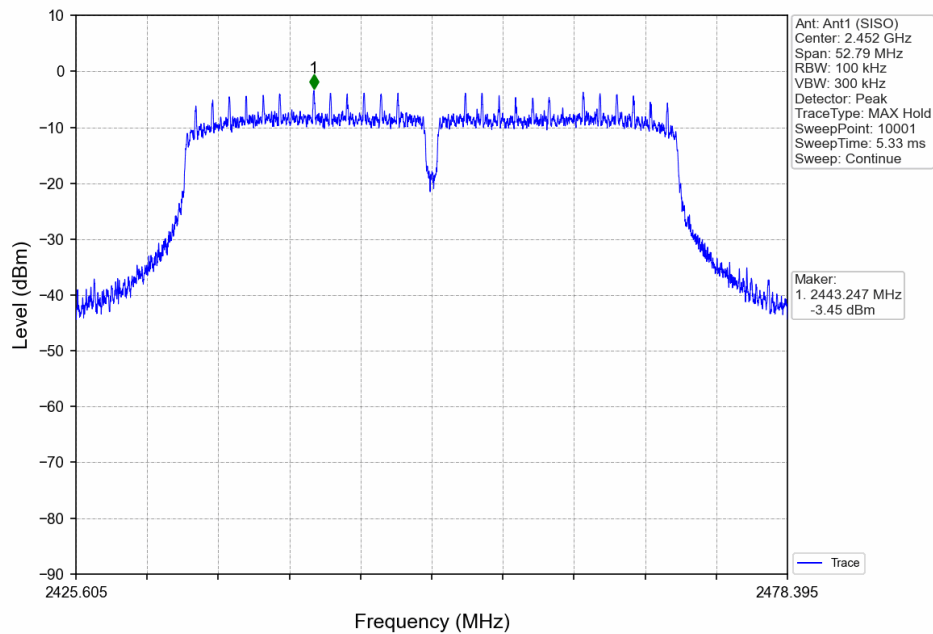
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.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



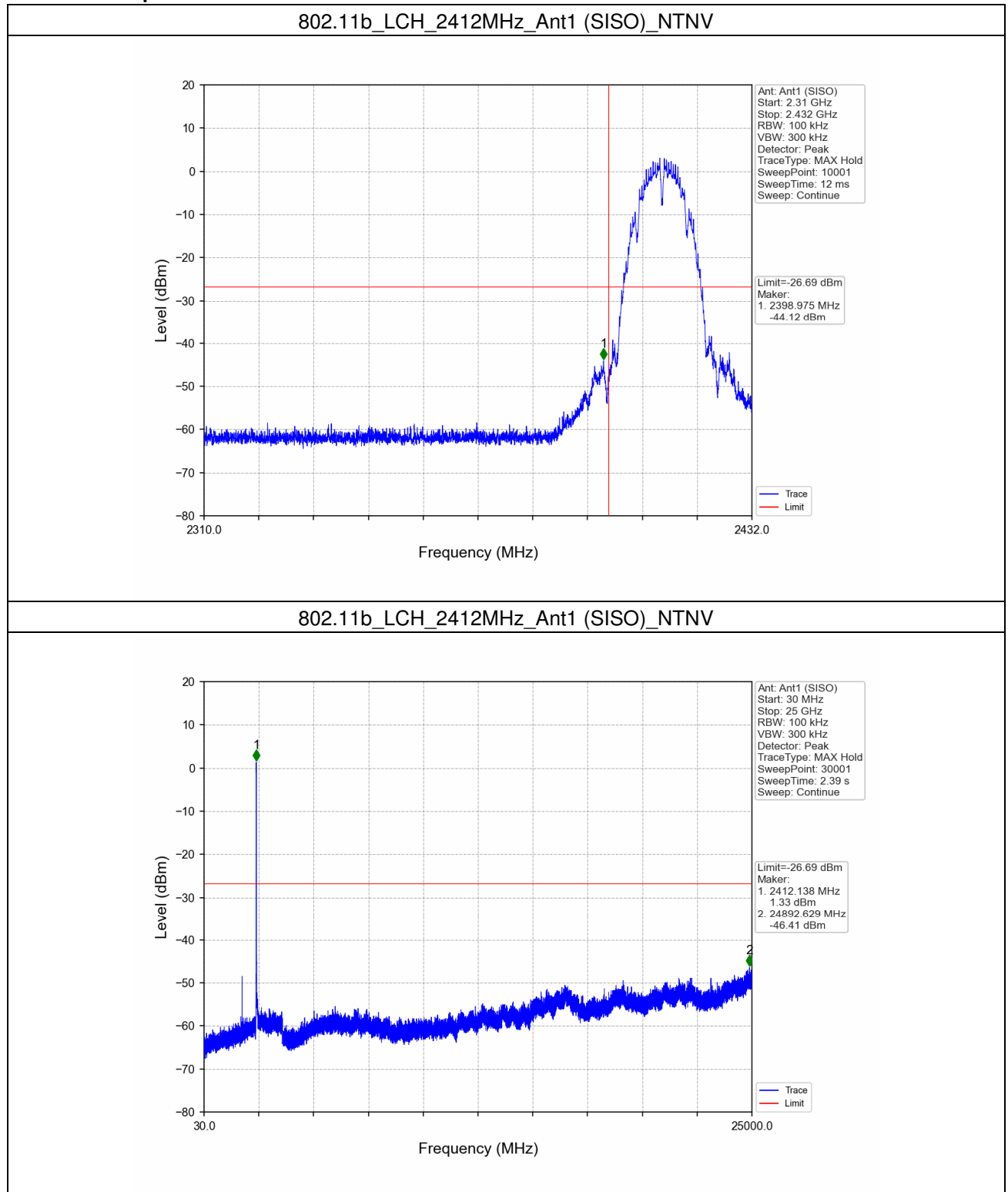
5.2 CSE

5.2.1 Test Result

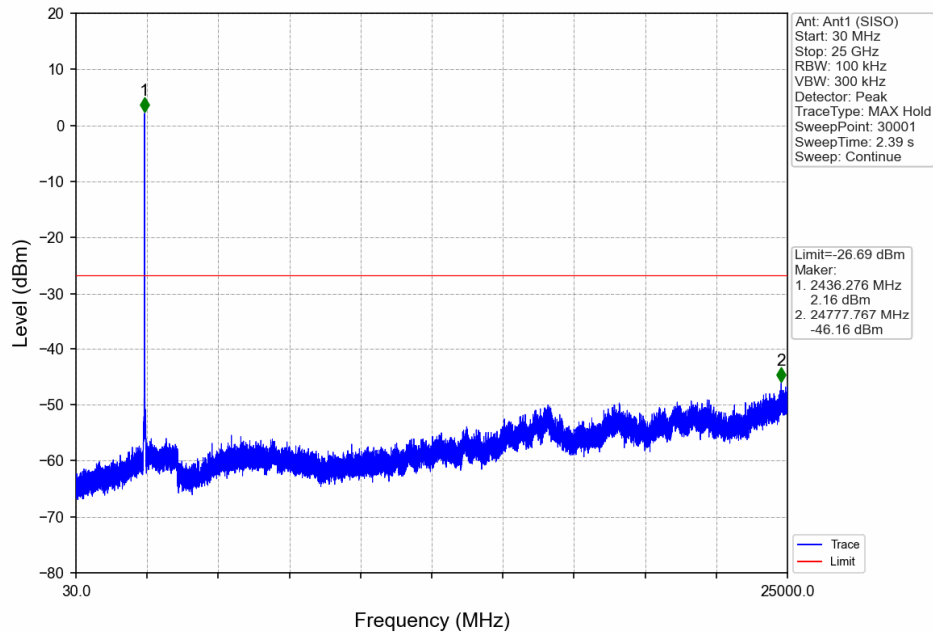
Mode	TX Type	Frequency (MHz)	Ant	Level of Reference (dBm)	Limit (dBm)	Verdict
802.11b	SISO	2412	1	3.31	-26.69	Pass
		2437	1	3.31	-26.69	Pass
		2462	1	3.31	-26.69	Pass
802.11g	SISO	2412	1	-0.71	-30.71	Pass
		2437	1	-0.71	-30.71	Pass
		2462	1	-0.71	-30.71	Pass
802.11n (HT20)	SISO	2412	1	-0.64	-30.64	Pass
		2437	1	-0.64	-30.64	Pass
		2462	1	-0.64	-30.64	Pass
802.11n (HT40)	SISO	2422	1	-3.26	-33.26	Pass
		2437	1	-3.26	-33.26	Pass
		2452	1	-3.26	-33.26	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.

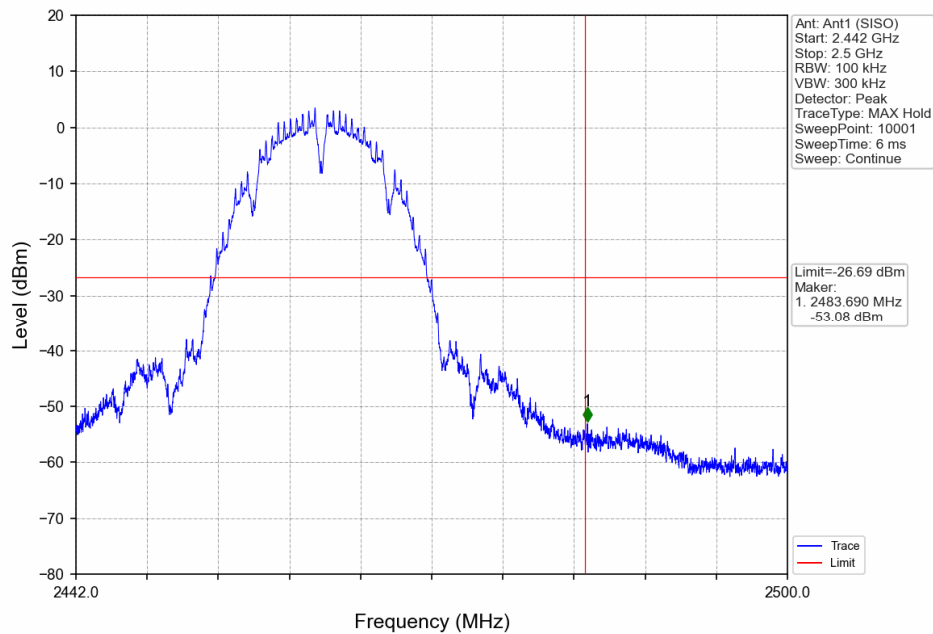
5.2.2 Test Graph



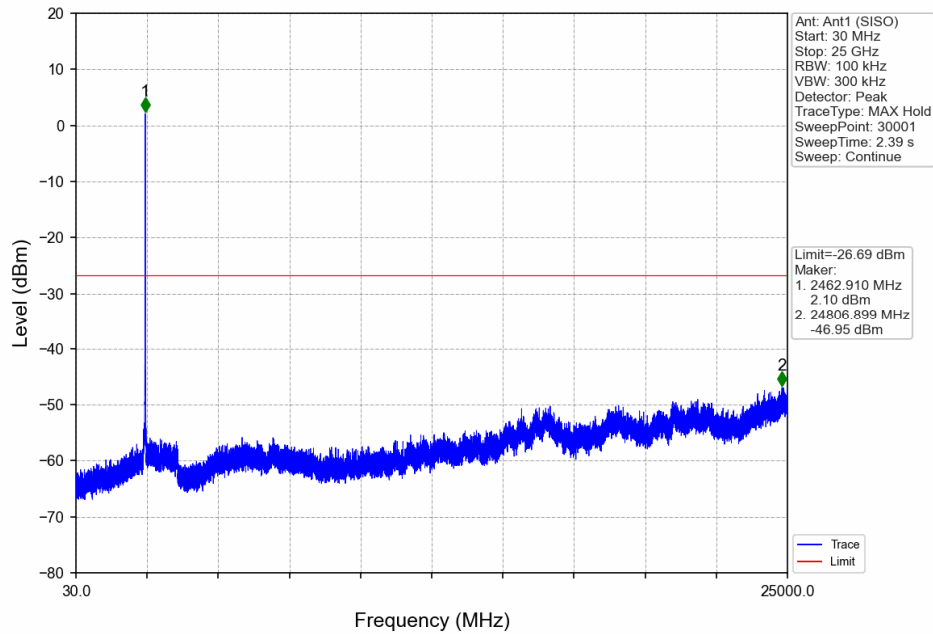
802.11b_MCH_2437MHz_Ant1 (SISO)_NTNV



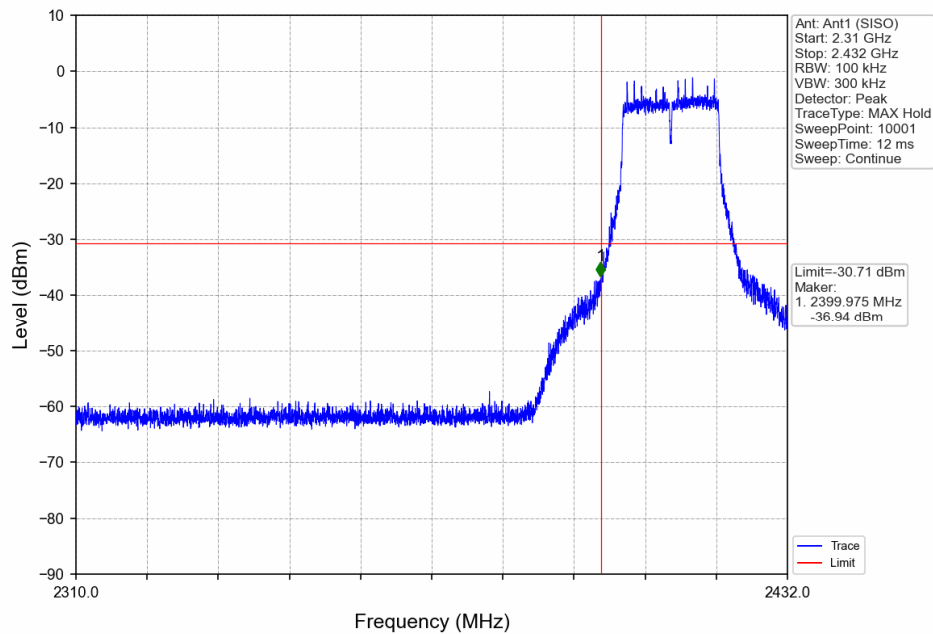
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



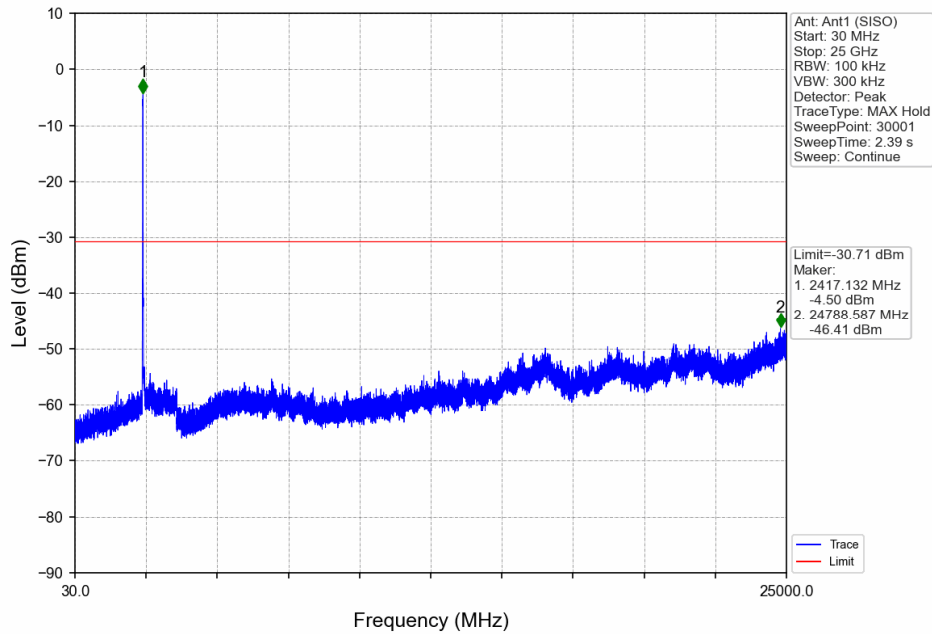
802.11b_HCH_2462MHz_Ant1 (SISO)_NTNV



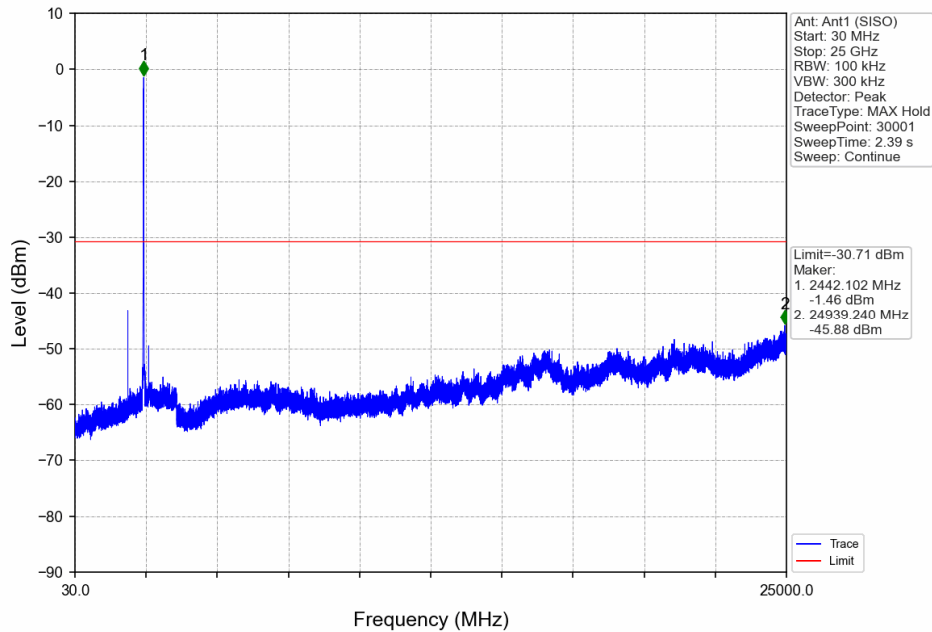
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



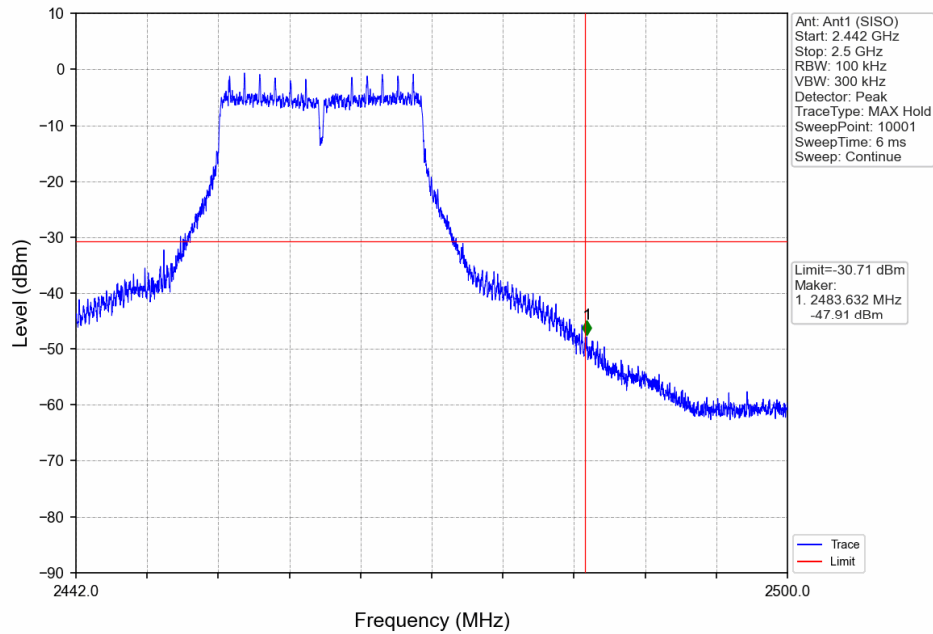
802.11g_LCH_2412MHz_Ant1 (SISO)_NTNV



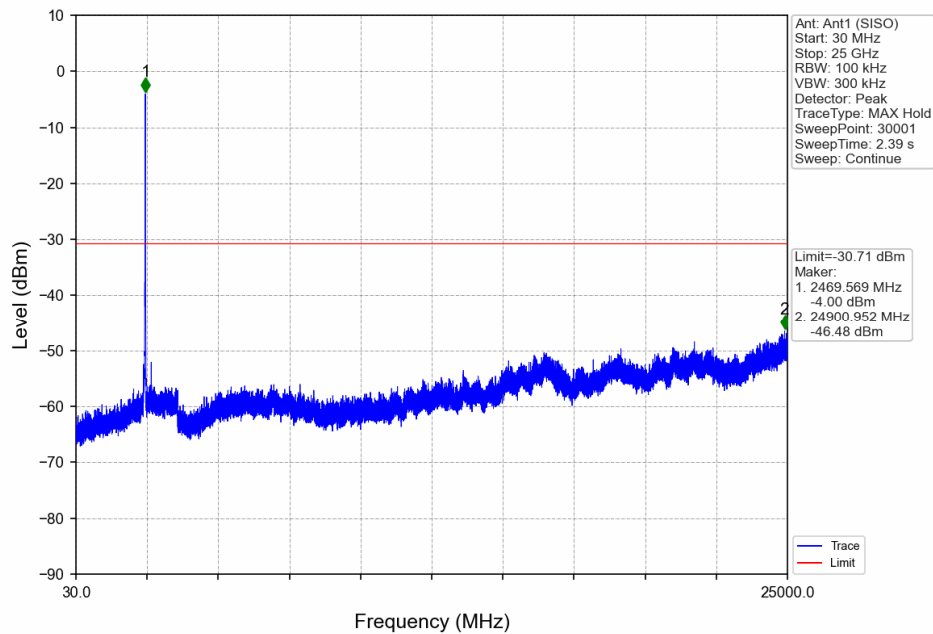
802.11g_MCH_2437MHz_Ant1 (SISO)_NTNV



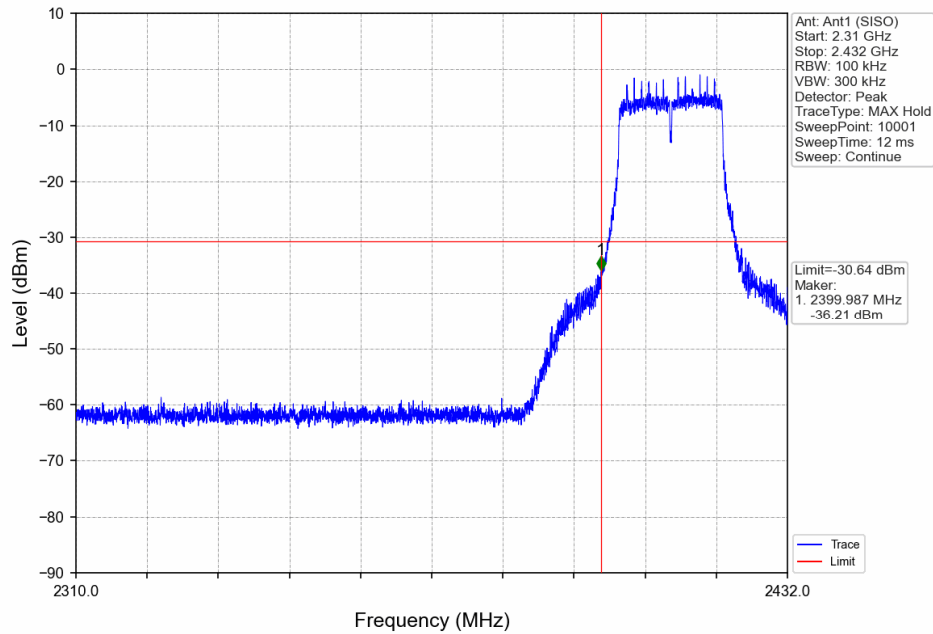
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



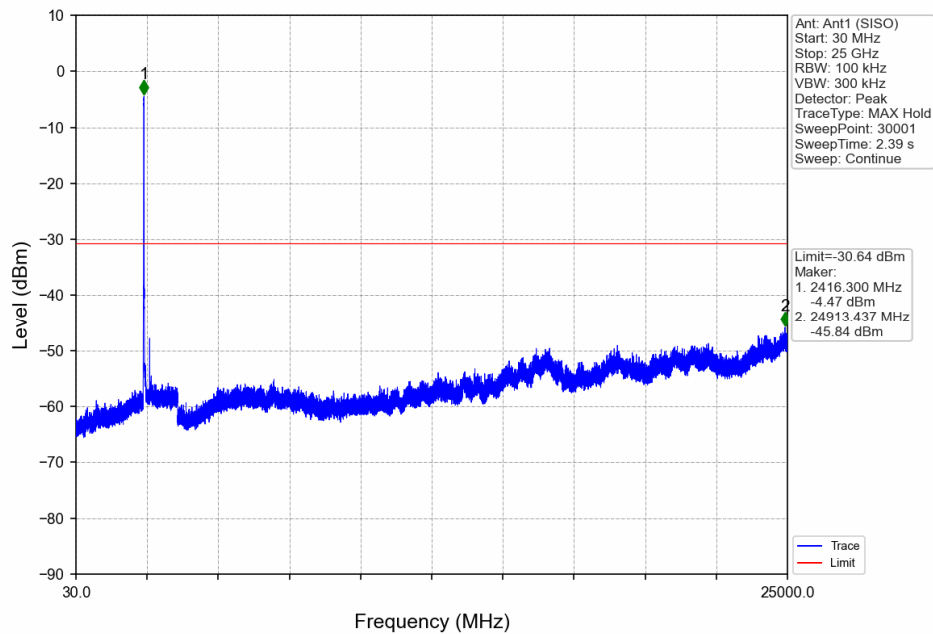
802.11g_HCH_2462MHz_Ant1 (SISO)_NTNV



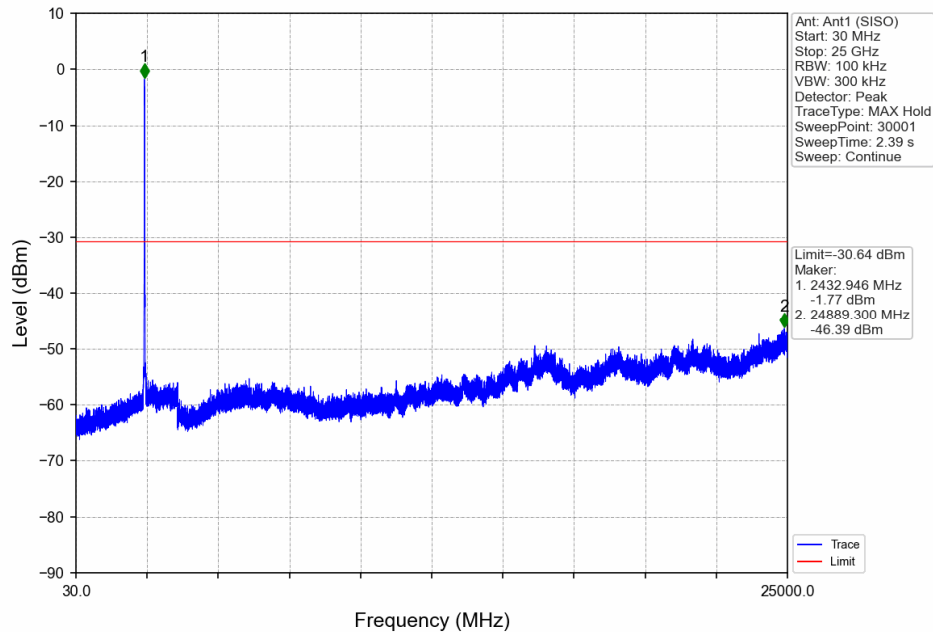
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



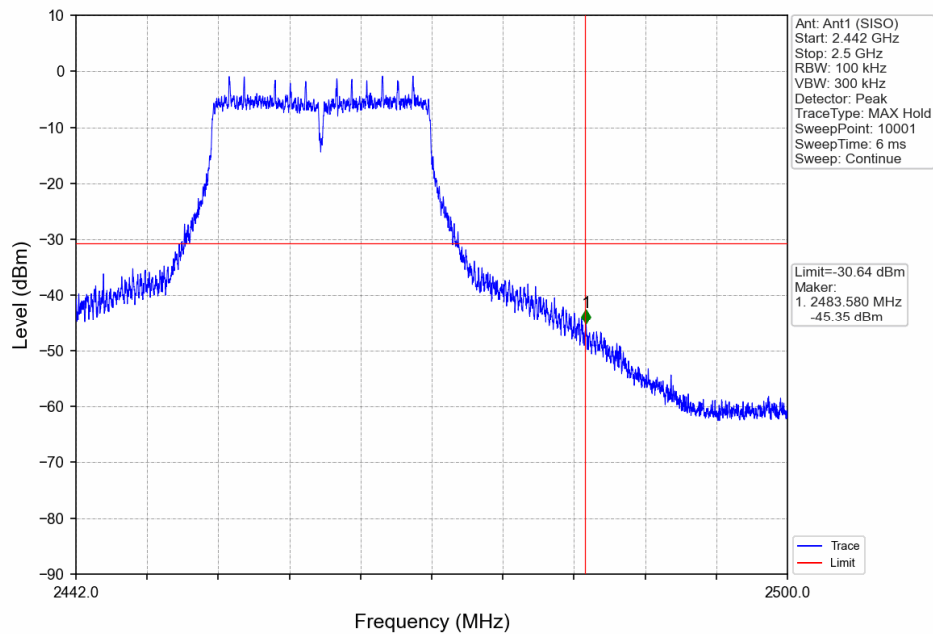
802.11n(HT20)_LCH_2412MHz_Ant1 (SISO)_NTNV



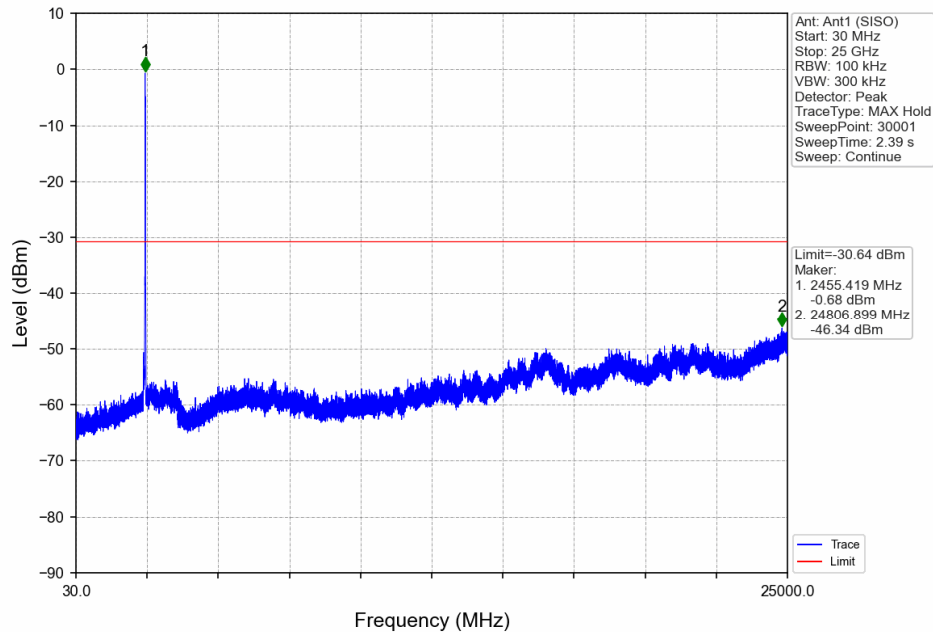
802.11n(HT20)_MCH_2437MHz_Ant1 (SISO)_NTNV



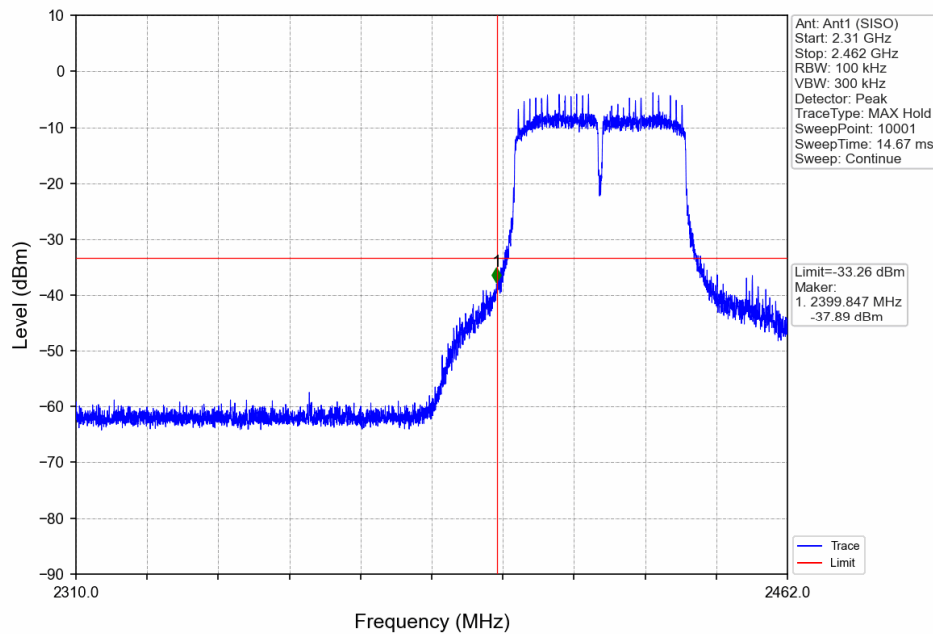
802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_HCH_2462MHz_Ant1 (SISO)_NTNV



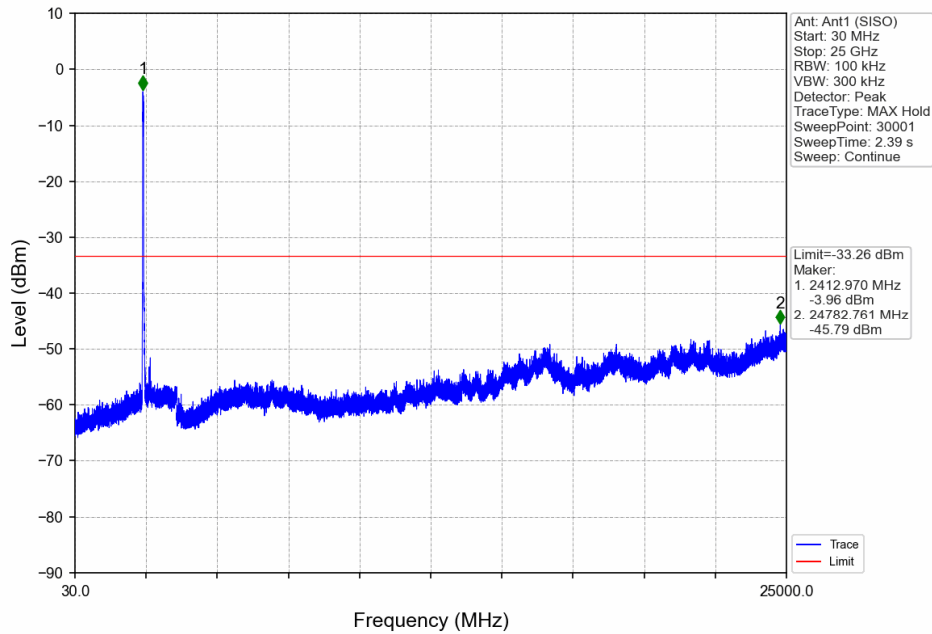
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



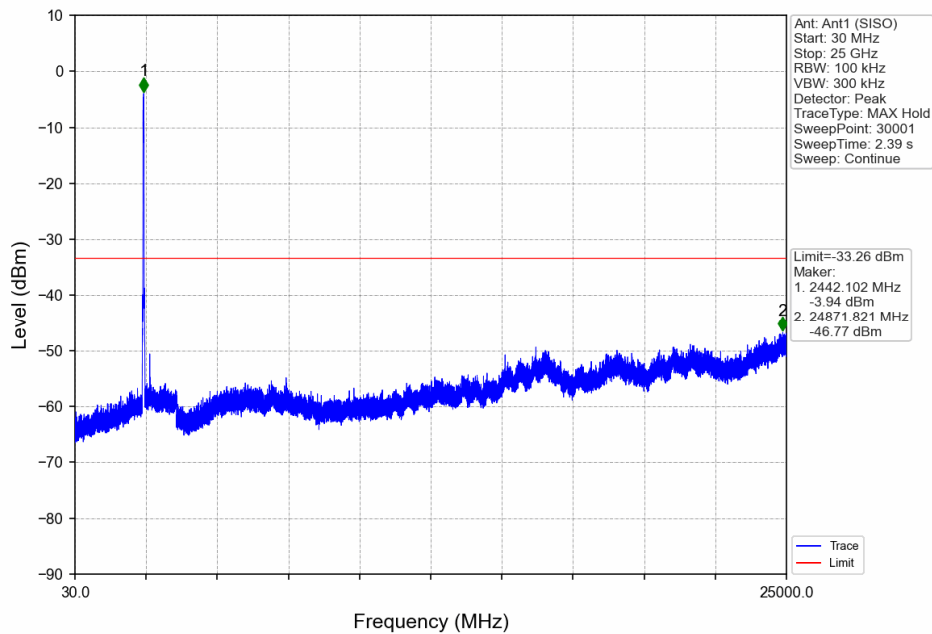
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.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

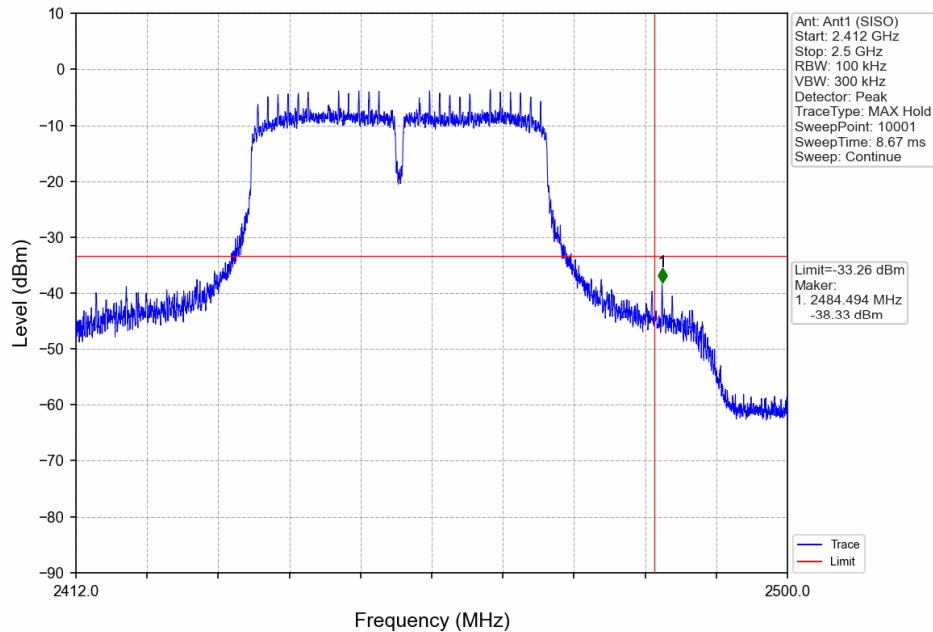
802.11n(HT40)_LCH_2422MHz_Ant1 (SISO)_NTNV



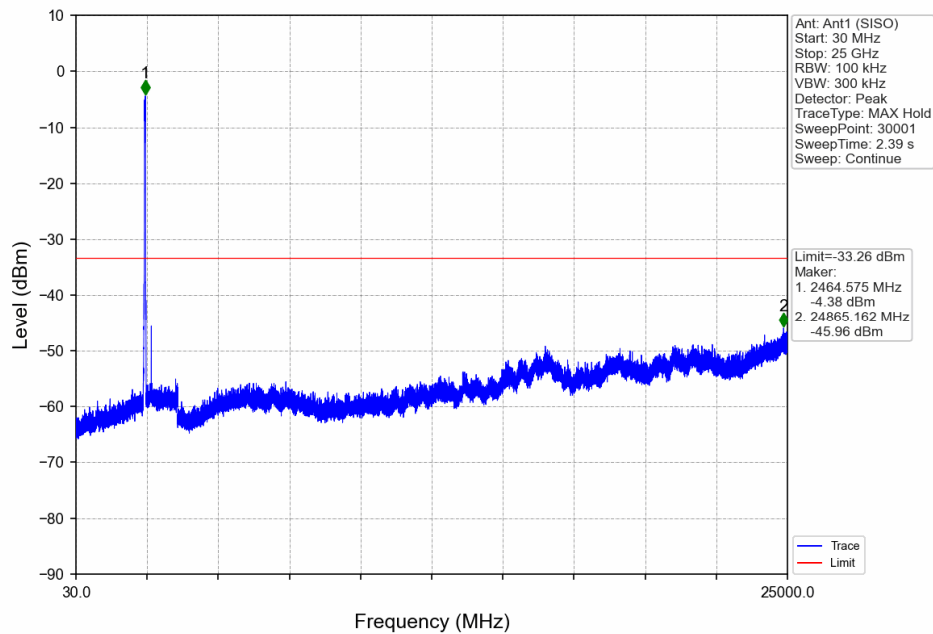
802.11n(HT40)_MCH_2437MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



802.11n(HT40)_HCH_2452MHz_Ant1 (SISO)_NTNV



- End of the Report -