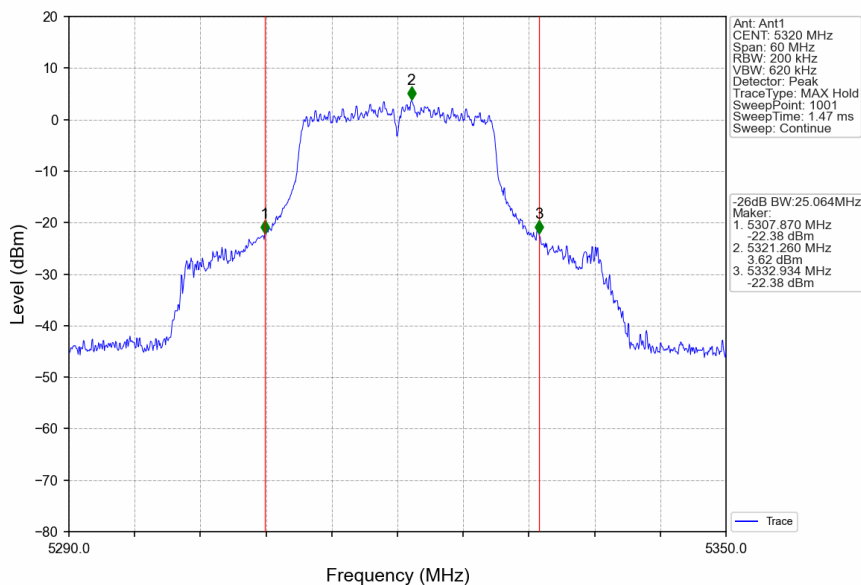
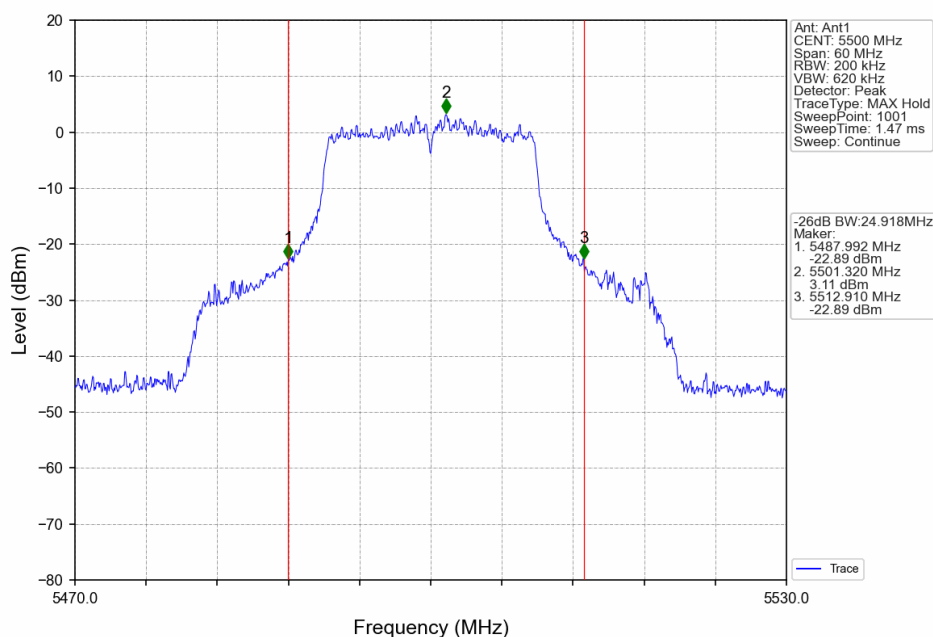


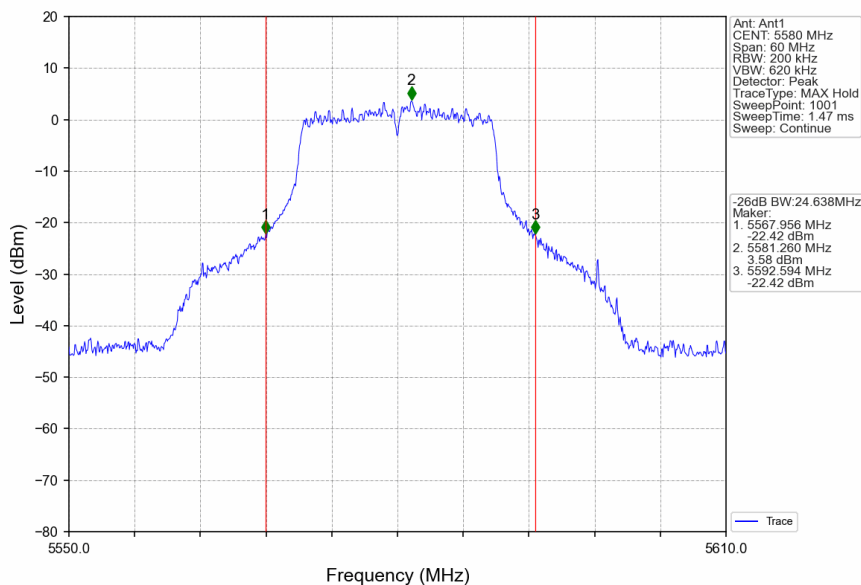
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



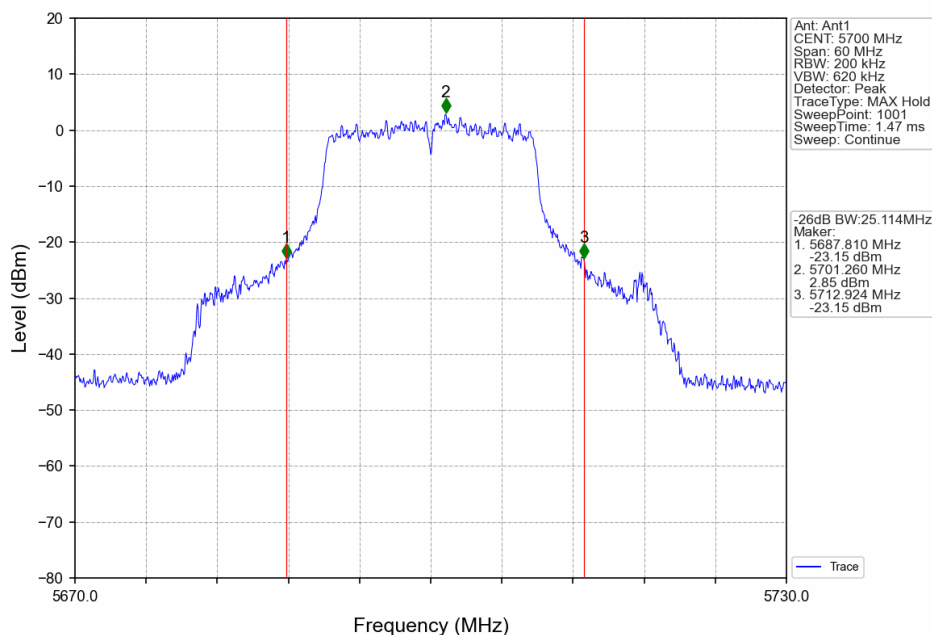
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



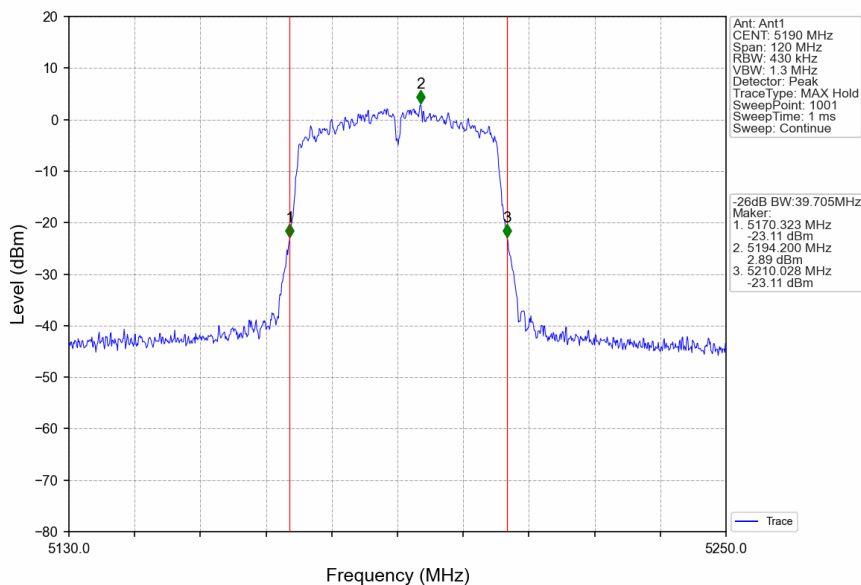
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



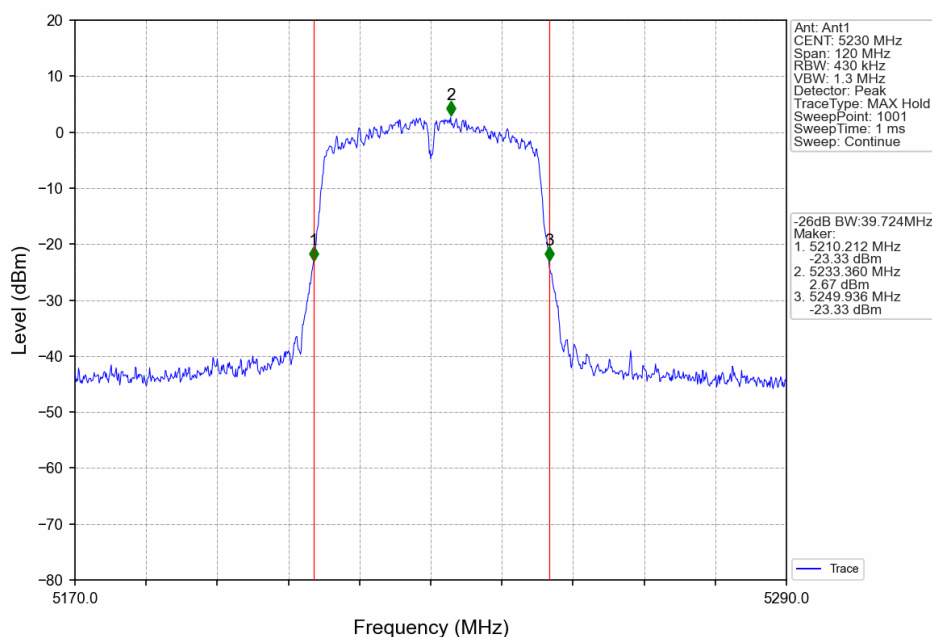
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



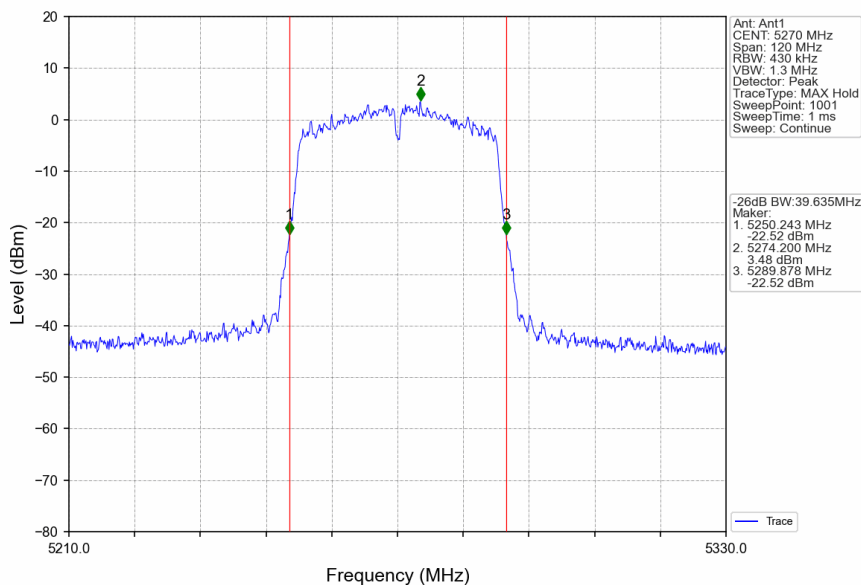
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



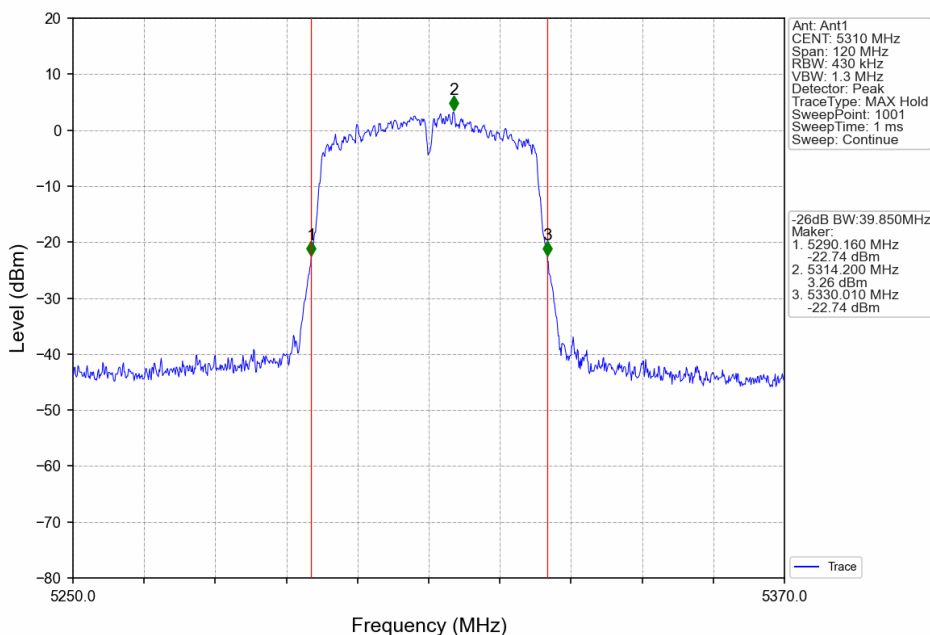
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



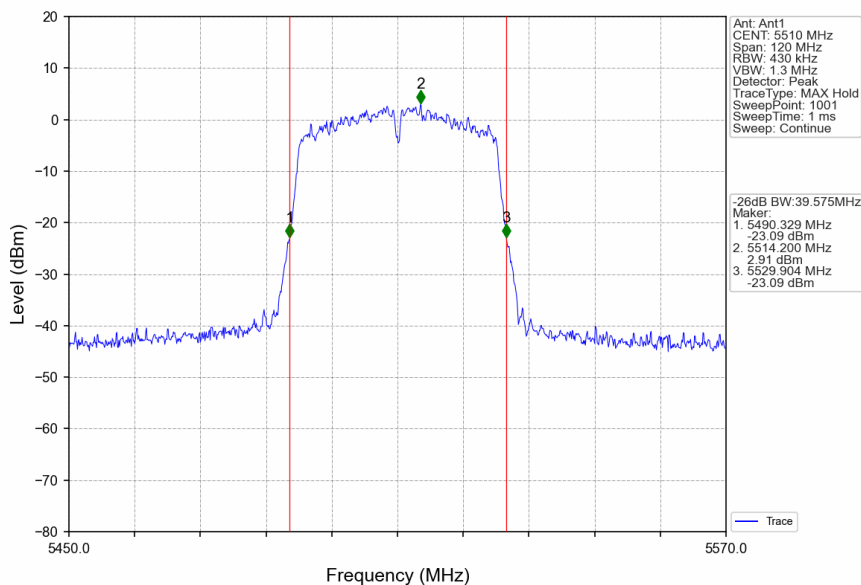
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



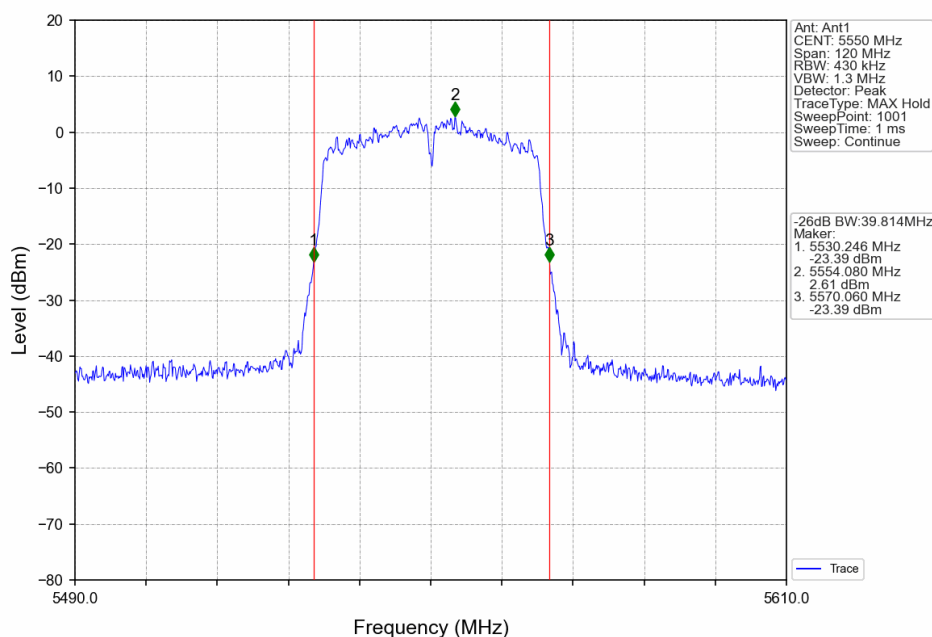
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



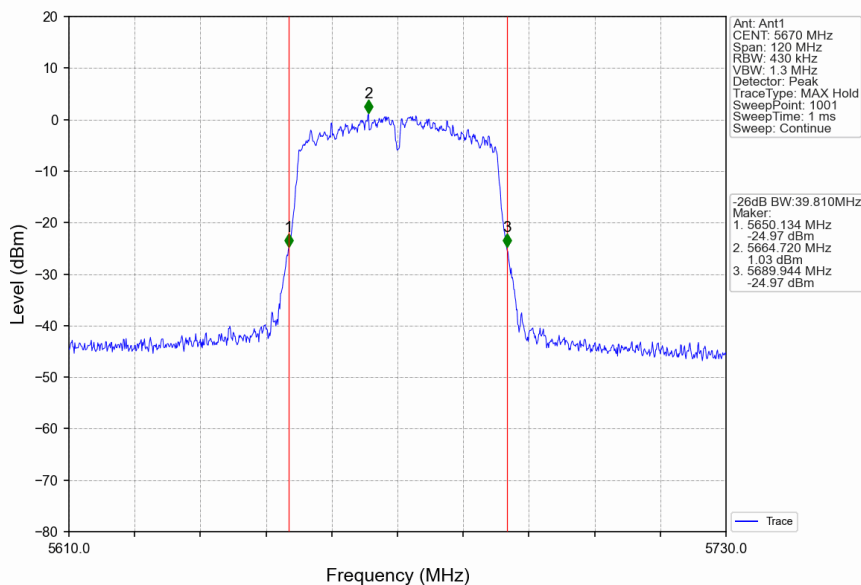
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



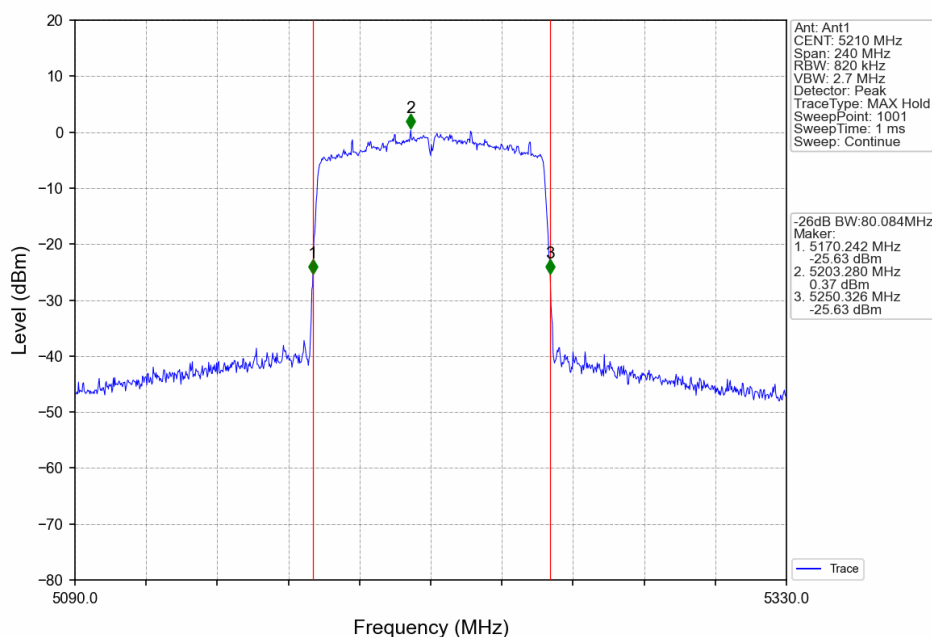
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



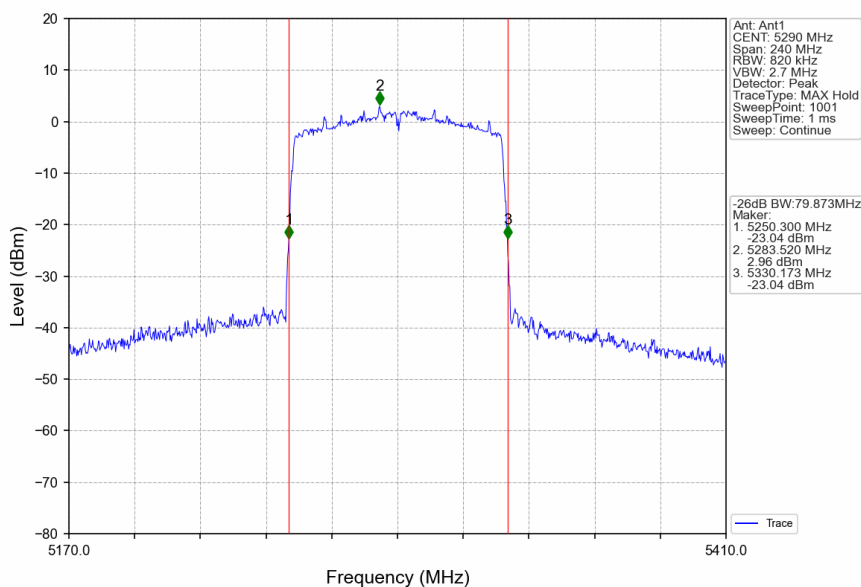
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



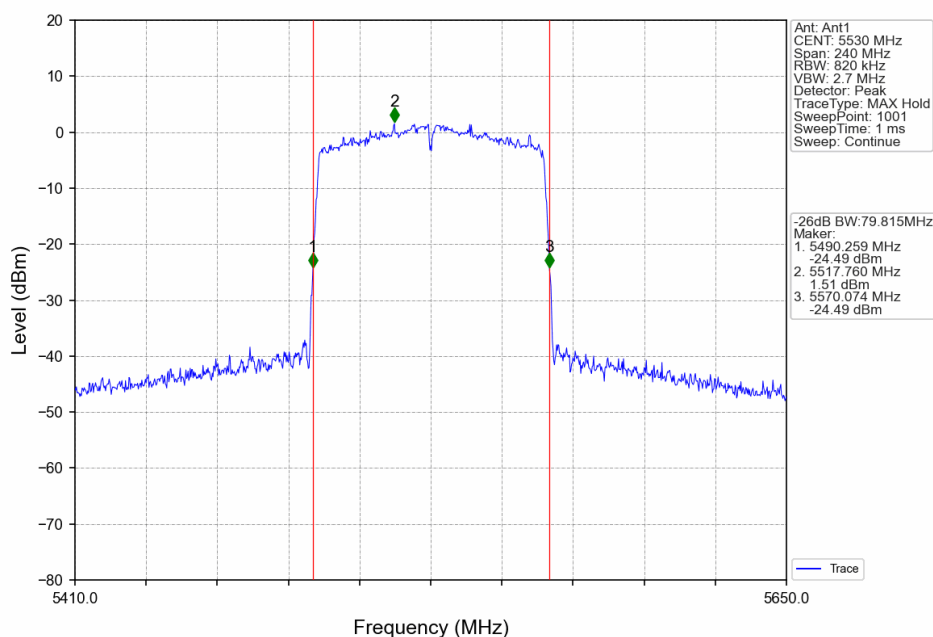
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



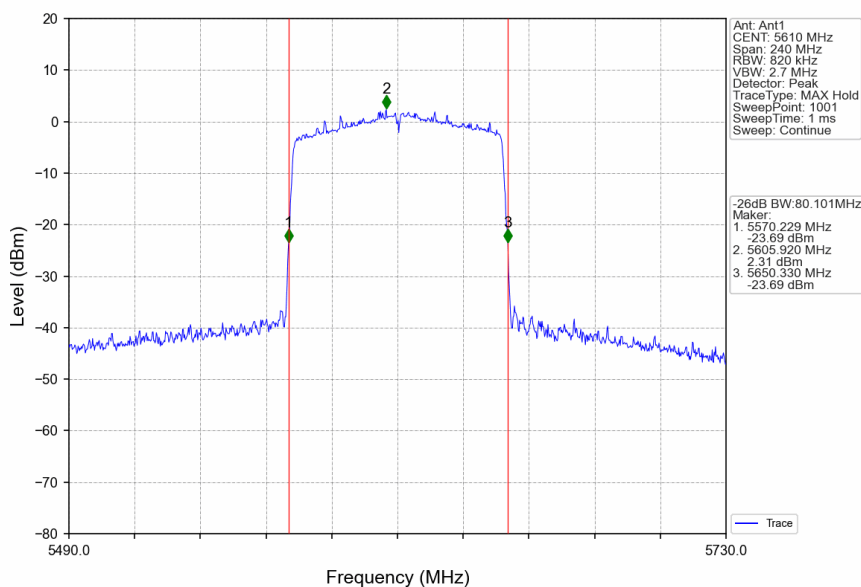
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



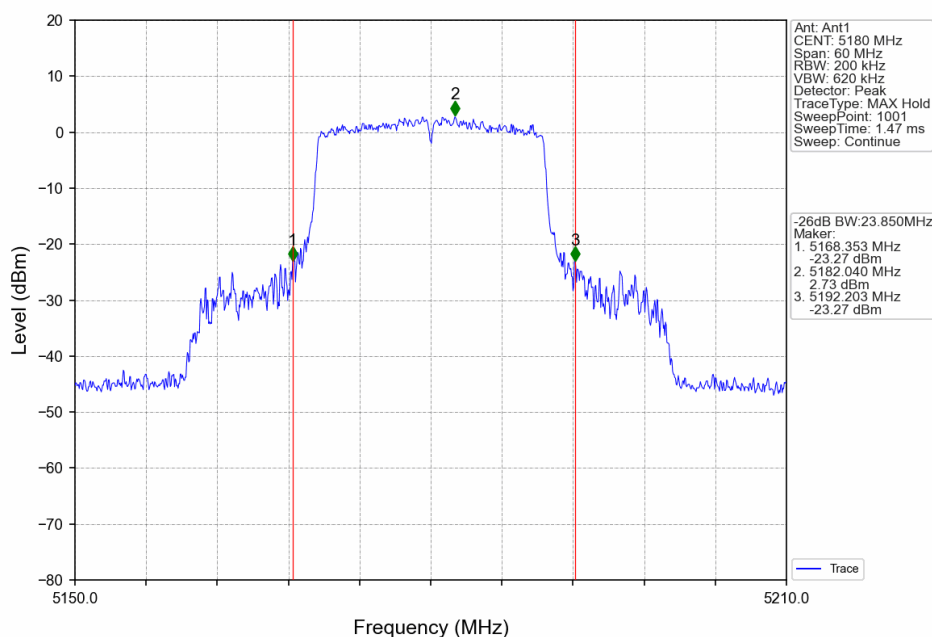
802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV



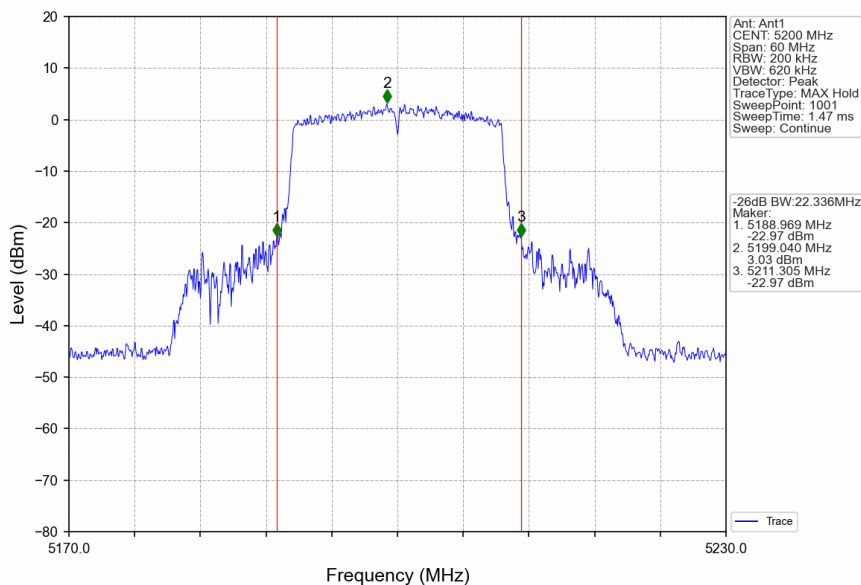
802.11ac(VHT80)_HCH_5610MHz_Ant1_NTNV



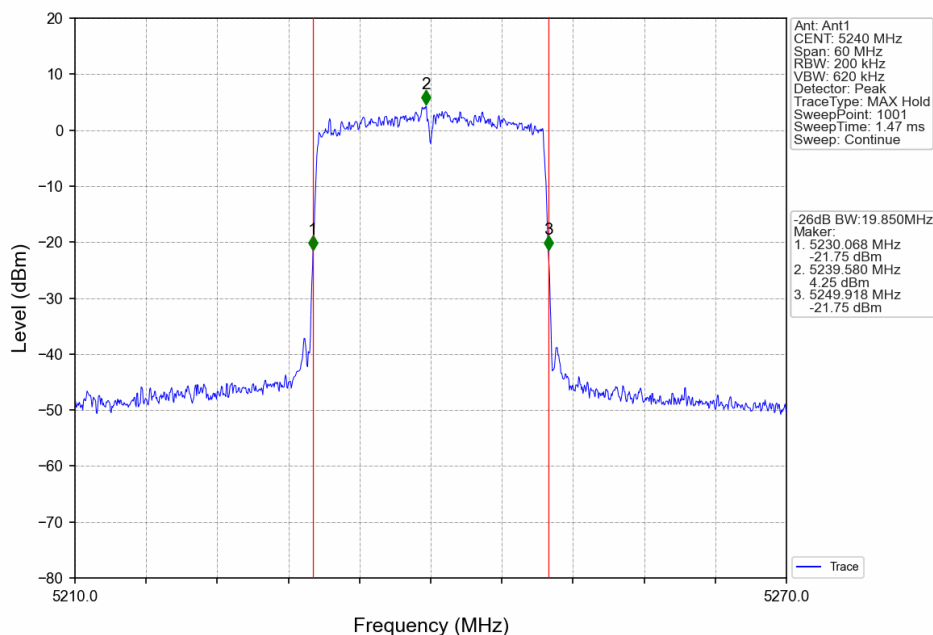
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



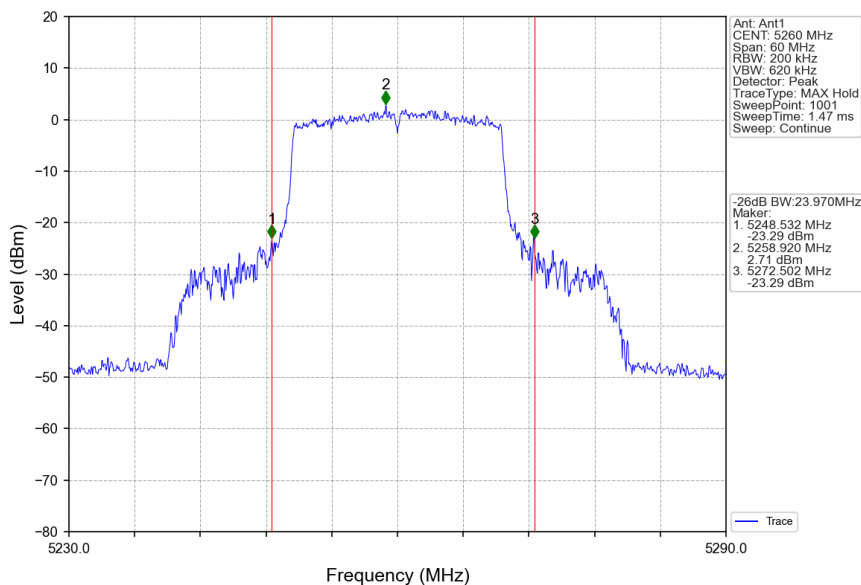
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



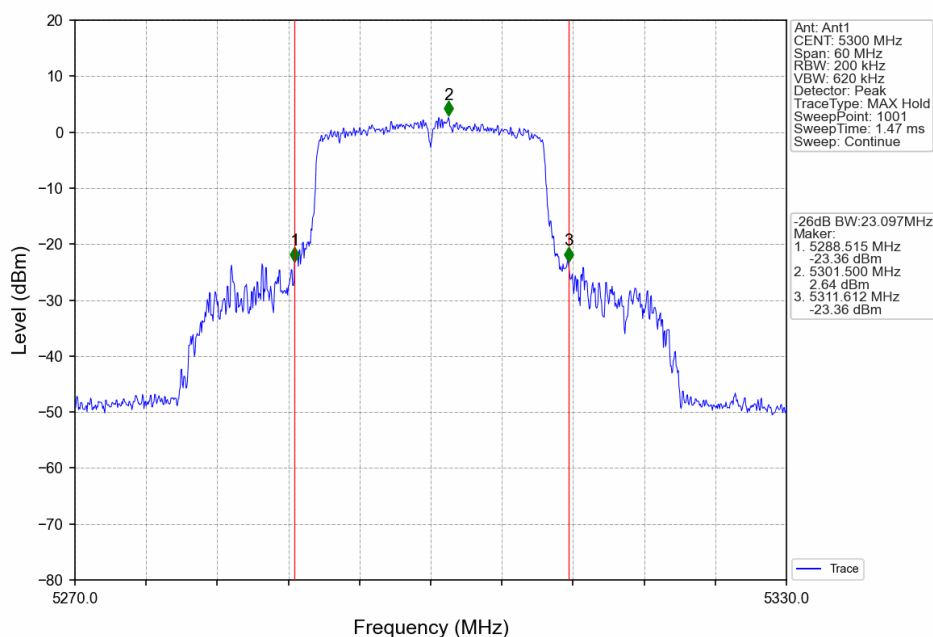
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



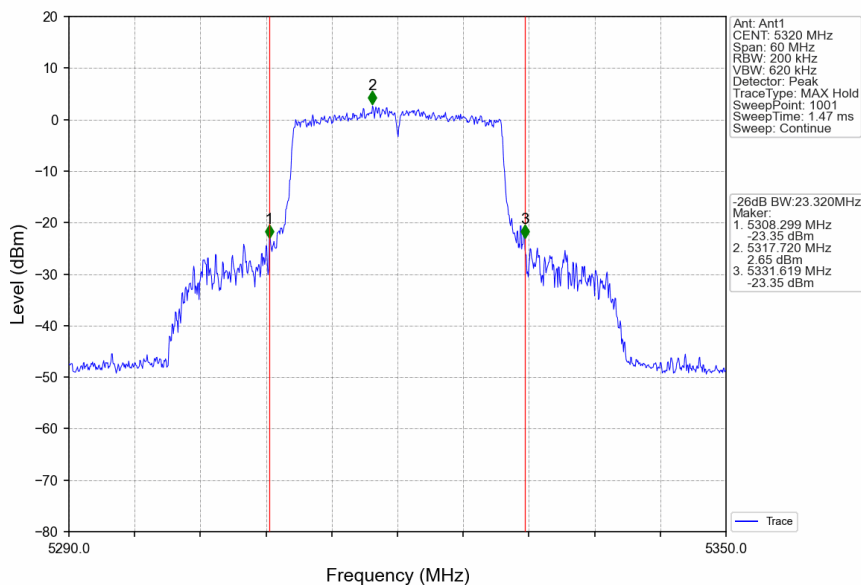
802.11ax(HEW20)_LCH_5260MHz_RU242_Left_Ant1_NTNV



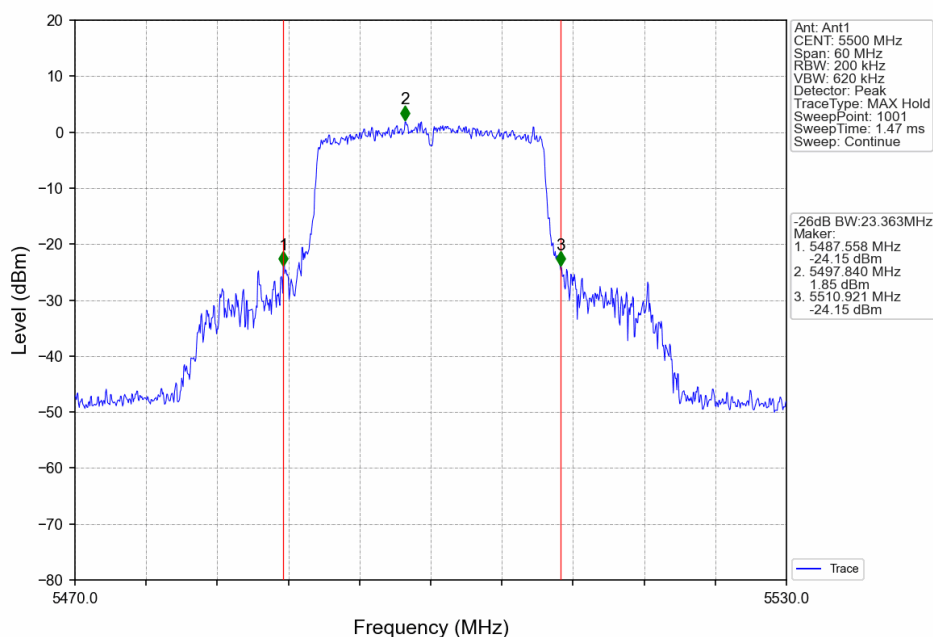
802.11ax(HEW20)_MCH_5300MHz_RU242_Left_Ant1_NTNV



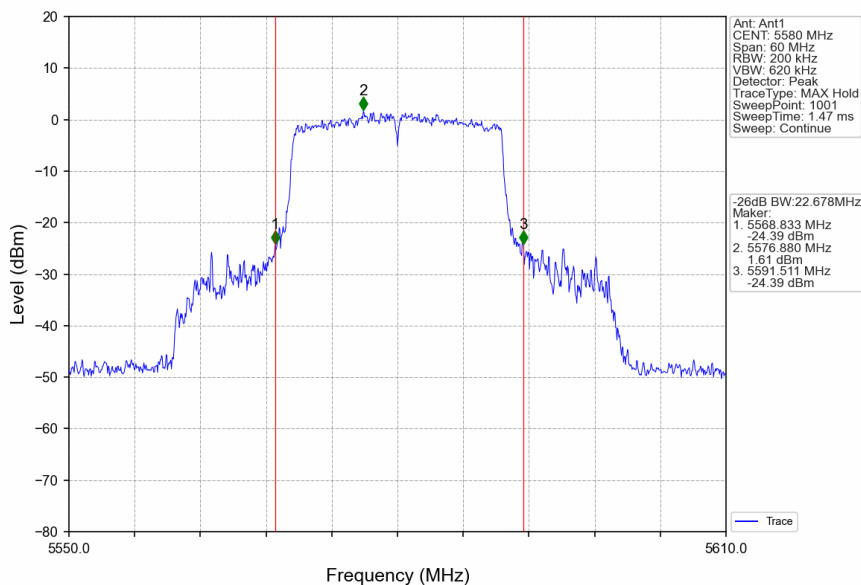
802.11ax(HEW20)_HCH_5320MHz_RU242_Left_Ant1_NTNV



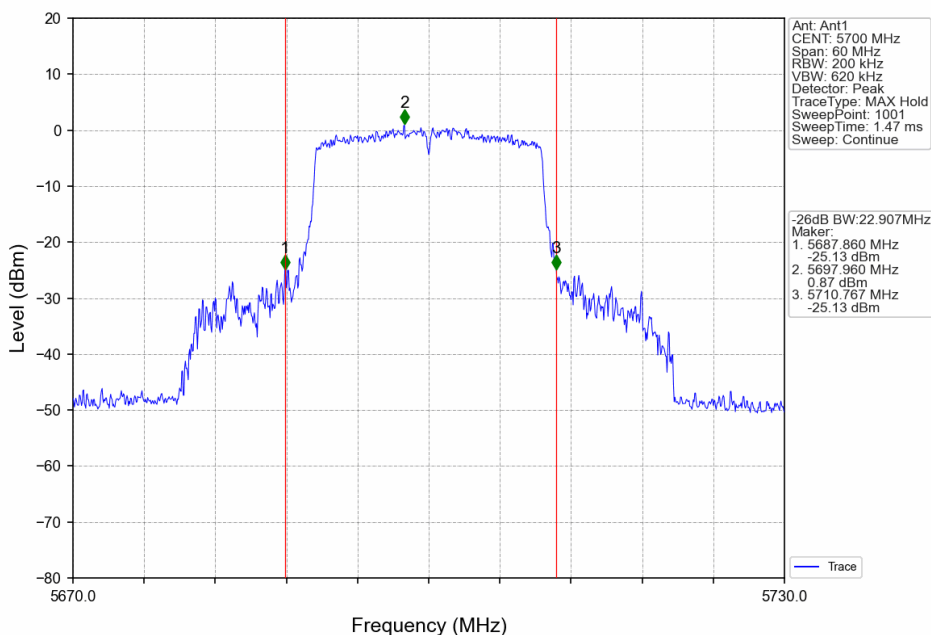
802.11ax(HEW20)_LCH_5500MHz_RU242_Left_Ant1_NTNV



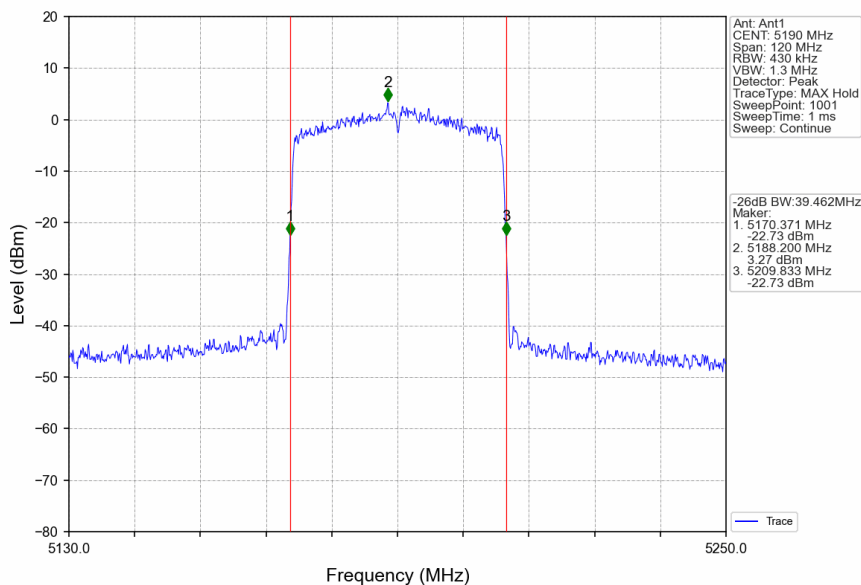
802.11ax(HEW20)_MCH_5580MHz_RU242_Left_Ant1_NTNV



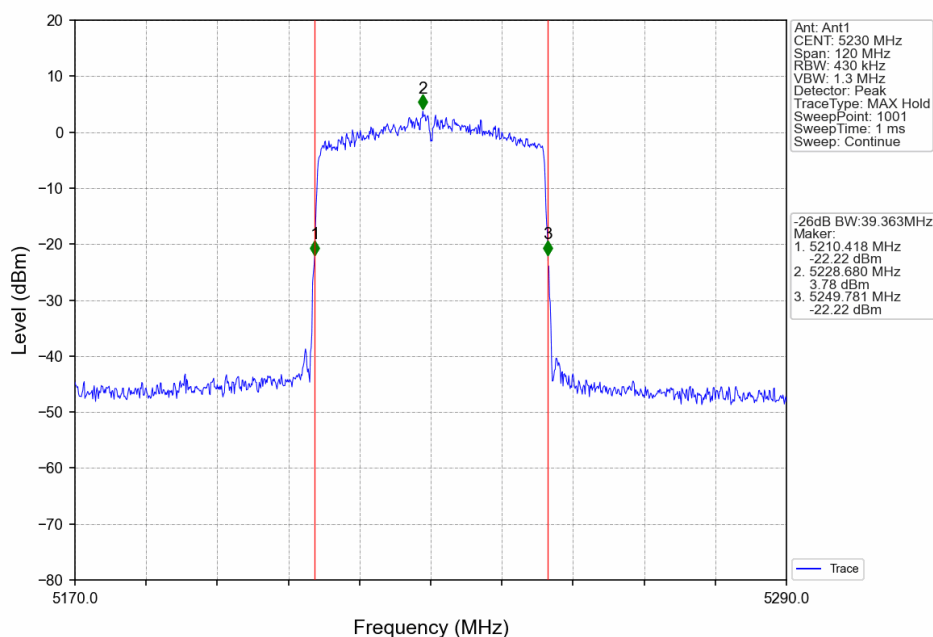
802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant1_NTNV



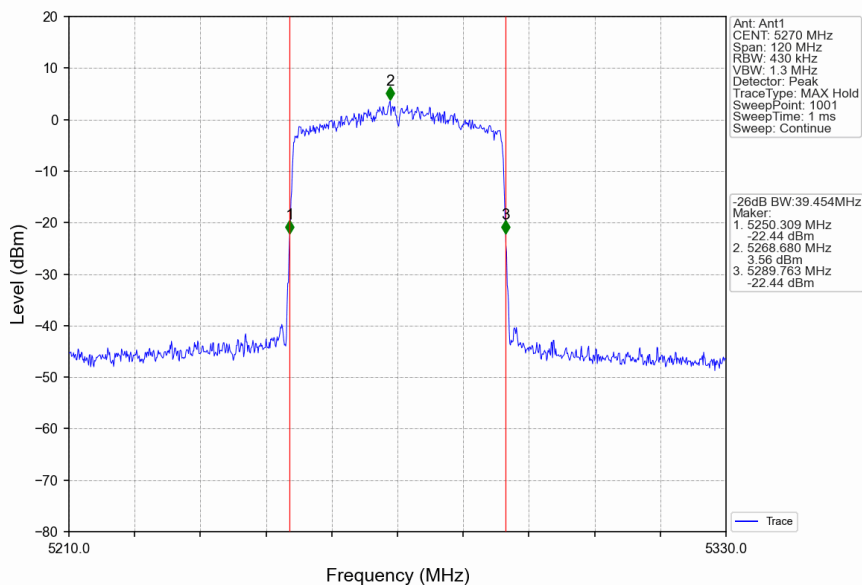
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



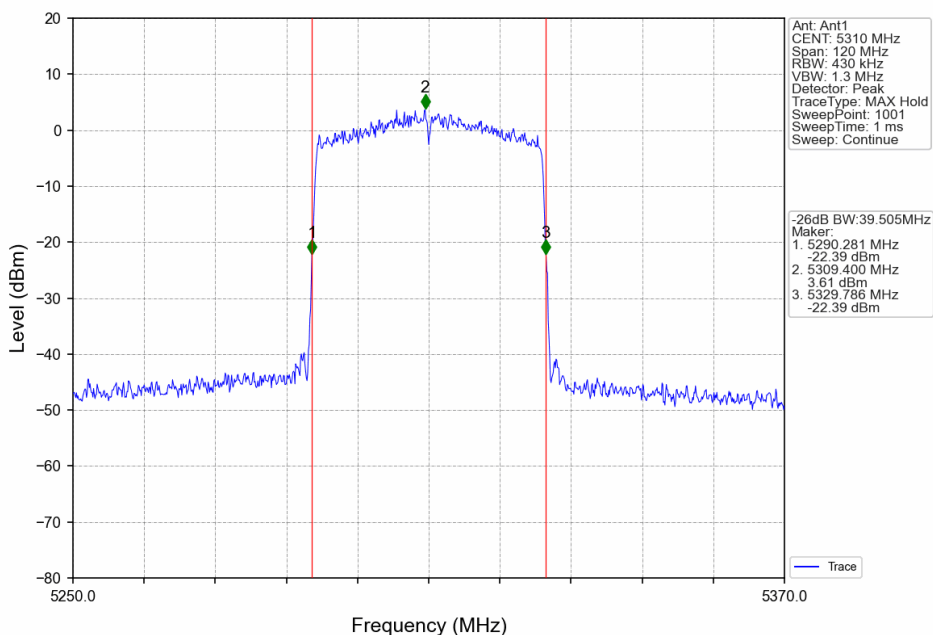
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



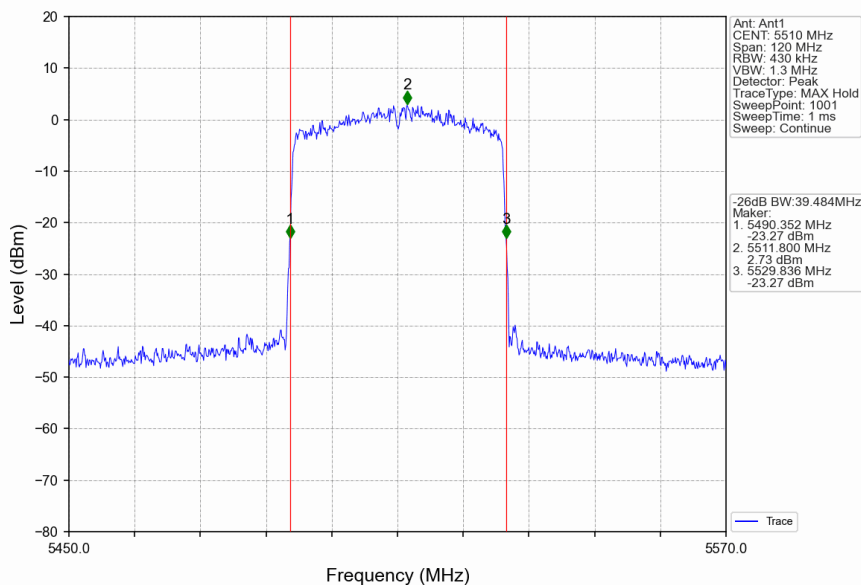
802.11ax(HEW40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



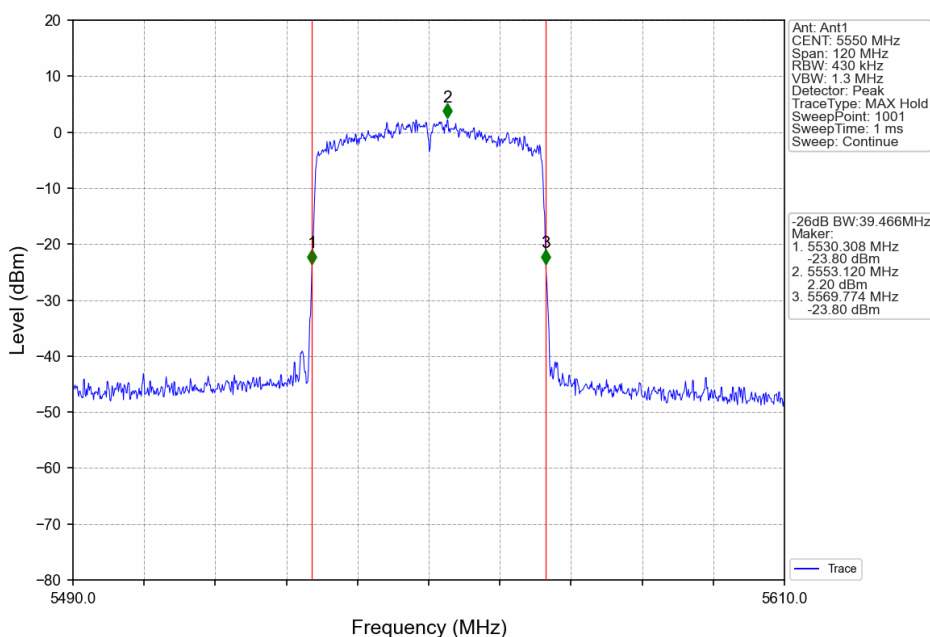
802.11ax(HEW40)_HCH_5310MHz_RU484_Left_Ant1_NTNV



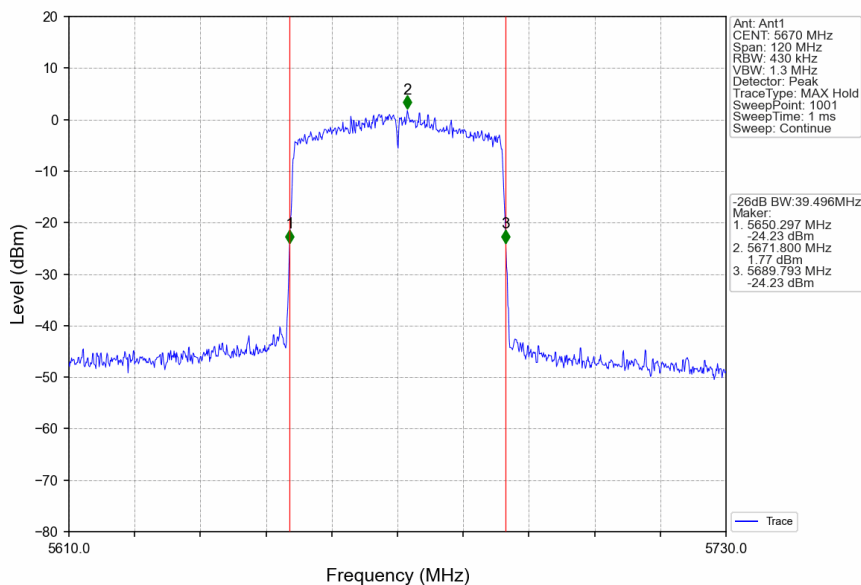
802.11ax(HEW40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



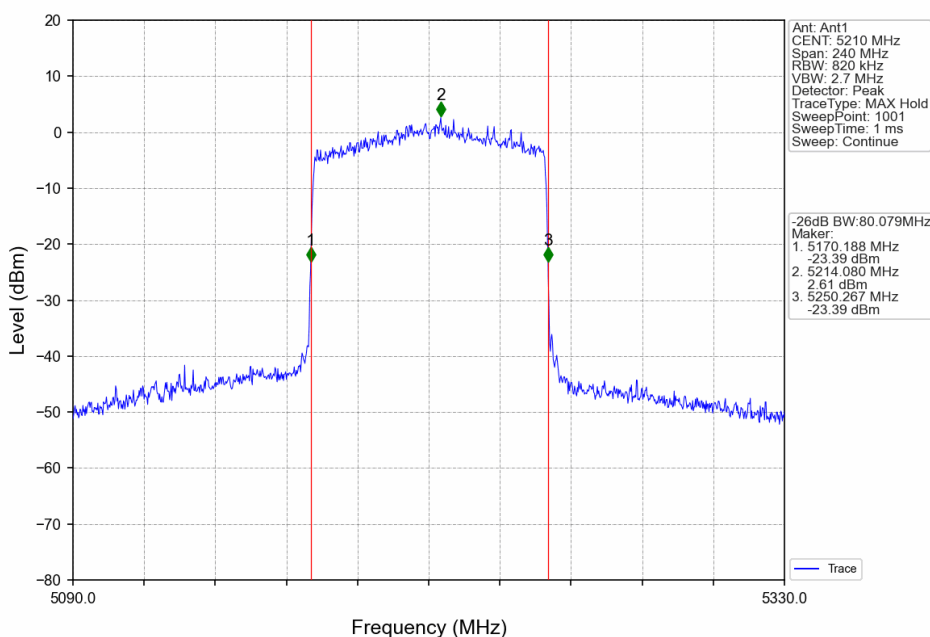
802.11ax(HEW40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



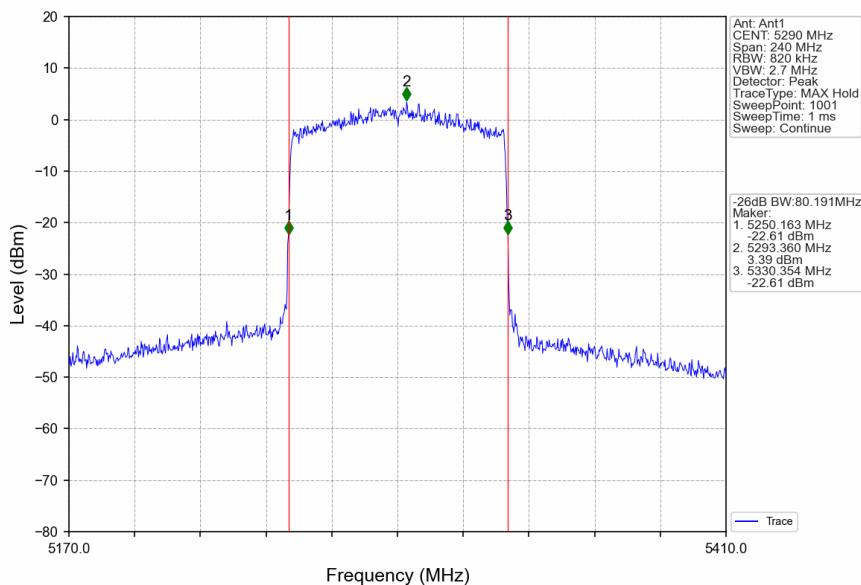
802.11ax(HEW40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



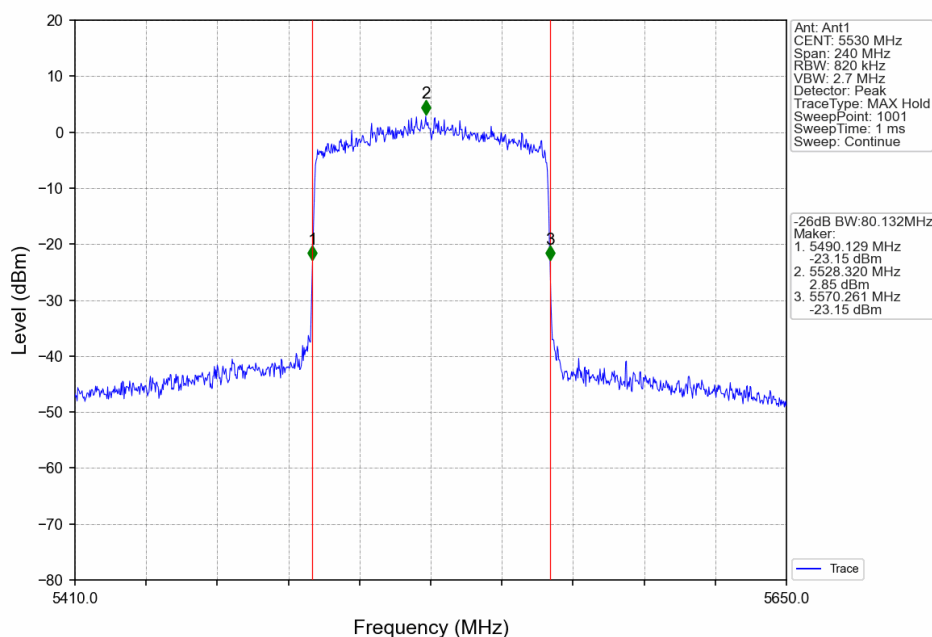
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



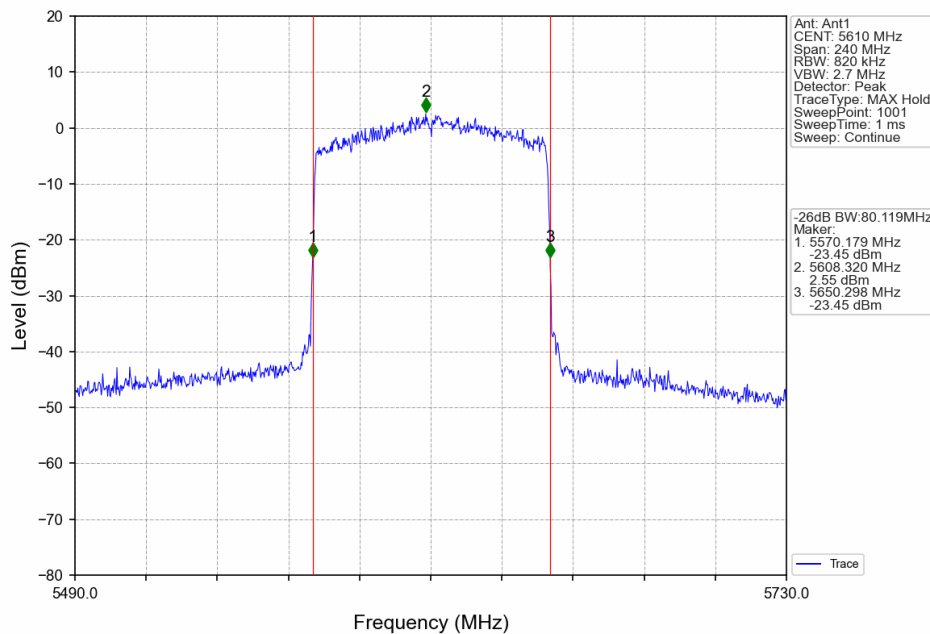
802.11ax(HEW80)_MCH_5290MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_5530MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	MIMO	5180	/	/	11.36	10.95	14.17	<=22.29	Pass
		5200	/	/	11.28	11.07	14.19	<=22.29	Pass
		5240	/	/	10.62	11.06	13.86	<=22.29	Pass
		5260	/	/	10.98	11.42	14.22	<=22.29	Pass
		5300	/	/	11.32	11.65	14.50	<=22.29	Pass
		5320	/	/	11.49	11.84	14.68	<=22.29	Pass
		5500	/	/	11.70	13.20	15.52	<=22.29	Pass
		5580	/	/	13.01	13.03	16.03	<=22.29	Pass
		5700	/	/	12.40	12.40	15.41	<=22.29	Pass
		5745	/	/	13.91	12.25	16.17	<=28.31	Pass
		5785	/	/	14.14	12.46	16.39	<=28.31	Pass
		5825	/	/	14.20	12.04	16.26	<=28.31	Pass
802.11n (HT20)	MIMO	5180	/	/	12.89	13.14	16.03	<=22.29	Pass
		5200	/	/	12.62	13.08	15.87	<=22.29	Pass
		5240	/	/	12.81	13.10	15.97	<=22.29	Pass
		5260	/	/	11.94	12.08	15.02	<=22.29	Pass
		5300	/	/	12.19	12.34	15.28	<=22.29	Pass
		5320	/	/	12.41	12.57	15.50	<=22.29	Pass
		5500	/	/	12.22	13.70	16.03	<=22.29	Pass
		5580	/	/	13.44	13.52	16.49	<=22.29	Pass
		5700	/	/	12.88	12.91	15.91	<=22.29	Pass
		5745	/	/	12.89	12.86	15.89	<=28.31	Pass
		5785	/	/	13.07	12.77	15.93	<=28.31	Pass
		5825	/	/	12.84	12.82	15.84	<=28.31	Pass
802.11n (HT40)	MIMO	5190	/	/	14.14	14.24	17.20	<=22.29	Pass
		5230	/	/	14.41	14.22	17.33	<=22.29	Pass
		5270	/	/	13.65	13.55	16.61	<=22.29	Pass
		5310	/	/	13.97	13.84	16.92	<=22.29	Pass
		5510	/	/	10.77	11.87	14.37	<=22.29	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 691 of 973

		5550	/	/	10.57	11.19	13.90	<=22.29	Pass
		5670	/	/	11.27	10.07	13.72	<=22.29	Pass
		5755	/	/	11.84	10.13	14.08	<=28.31	Pass
		5795	/	/	12.19	10.73	14.53	<=28.31	Pass
802.11ac (VHT20)	MIMO	5180	/	/	11.68	10.57	14.17	<=22.29	Pass
		5200	/	/	11.59	10.65	14.16	<=22.29	Pass
		5240	/	/	11.66	11.06	14.38	<=22.29	Pass
		5260	/	/	12.85	12.16	15.53	<=22.29	Pass
		5300	/	/	13.28	12.44	15.89	<=22.29	Pass
		5320	/	/	13.21	12.26	15.77	<=22.29	Pass
		5500	/	/	13.57	11.75	15.76	<=22.29	Pass
		5580	/	/	13.12	12.40	15.79	<=22.29	Pass
		5700	/	/	12.44	12.06	15.26	<=22.29	Pass
		5745	/	/	12.38	12.25	15.33	<=28.31	Pass
		5785	/	/	12.36	11.97	15.18	<=28.31	Pass
		5825	/	/	12.34	11.80	15.09	<=28.31	Pass
802.11ac (VHT40)	MIMO	5190	/	/	11.94	11.47	14.72	<=22.29	Pass
		5230	/	/	11.92	11.57	14.76	<=22.29	Pass
		5270	/	/	11.33	10.81	14.09	<=22.29	Pass
		5310	/	/	11.45	10.74	14.12	<=22.29	Pass
		5510	/	/	11.91	10.28	14.18	<=22.29	Pass
		5550	/	/	11.70	10.17	14.01	<=22.29	Pass
		5670	/	/	10.71	10.59	13.66	<=22.29	Pass
		5755	/	/	10.45	10.47	13.47	<=28.31	Pass
802.11ac (VHT80)	MIMO	5795	/	/	10.74	10.61	13.69	<=28.31	Pass
		5210	/	/	11.98	11.25	14.64	<=22.29	Pass
		5290	/	/	12.17	11.47	14.84	<=22.29	Pass
		5530	/	/	11.75	9.88	13.93	<=22.29	Pass
		5610	/	/	11.36	10.91	14.15	<=22.29	Pass
802.11ax (HEW20)	MIMO	5180	RU26	Left	3.96	2.32	6.23	<=22.29	Pass
				Mid	4.34	2.87	6.68	<=22.29	Pass
				Right	4.35	2.51	6.54	<=22.29	Pass
		5200	RU26	Left	12.32	11.24	14.82	<=22.29	Pass
				Mid	3.75	2.37	6.12	<=22.29	Pass
				Right	4.21	3.28	6.78	<=22.29	Pass
		5240	RU26	Left	4.17	3.06	6.66	<=22.29	Pass
				Mid	12.85	11.38	15.19	<=22.29	Pass
				Right	3.58	2.95	6.29	<=22.29	Pass
		5200	RU242	Left	12.85	11.38	15.19	<=22.29	Pass
				Mid	3.58	2.95	6.29	<=22.29	Pass
				Right	3.58	2.95	6.29	<=22.29	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 692 of 973

				Mid	4.74	3.44	7.15	<=22.29	Pass
				Right	4.19	3.02	6.65	<=22.29	Pass
		5260	RU26	Left	12.69	11.47	15.13	<=22.29	Pass
				Mid	6.97	5.94	9.50	<=22.29	Pass
				Right	6.91	5.91	9.45	<=22.29	Pass
			RU242	Left	7.01	5.98	9.54	<=22.29	Pass
		5300	RU26	Left	11.72	10.47	14.15	<=22.29	Pass
				Mid	6.96	5.89	9.47	<=22.29	Pass
				Right	7.58	6.77	10.20	<=22.29	Pass
			RU242	Left	7.55	6.43	10.04	<=22.29	Pass
		5320	RU26	Left	12.42	11.12	14.83	<=22.29	Pass
				Mid	6.73	6.01	9.40	<=22.29	Pass
				Right	7.01	6.67	9.85	<=22.29	Pass
			RU242	Left	7.51	6.28	9.95	<=22.29	Pass
		5500	RU26	Left	12.15	10.77	14.52	<=22.29	Pass
				Mid	7.03	5.43	9.31	<=22.29	Pass
				Right	8.04	5.96	10.13	<=22.29	Pass
			RU242	Left	7.77	5.88	9.94	<=22.29	Pass
		5580	RU26	Left	11.25	9.34	13.41	<=22.29	Pass
				Mid	7.23	6.26	9.78	<=22.29	Pass
				Right	7.68	6.73	10.24	<=22.29	Pass
			RU242	Left	7.58	6.89	10.26	<=22.29	Pass
		5700	RU26	Left	11.23	9.93	13.64	<=22.29	Pass
				Mid	6.56	5.97	9.29	<=22.29	Pass
				Right	7.24	6.30	9.81	<=22.29	Pass
			RU242	Left	6.95	6.28	9.64	<=22.29	Pass
		5745	RU26	Left	10.29	9.74	13.03	<=22.29	Pass
				Mid	10.35	10.06	13.22	<=28.31	Pass
				Right	10.69	10.45	13.58	<=28.31	Pass
			RU242	Left	10.65	10.30	13.49	<=28.31	Pass
		5785	RU26	Left	10.27	9.66	12.99	<=28.31	Pass
				Mid	10.54	9.97	13.27	<=28.31	Pass
				Right	10.77	10.30	13.55	<=28.31	Pass
			RU242	Left	10.92	10.14	13.56	<=28.31	Pass
		5825	RU26	Left	10.37	9.94	13.17	<=28.31	Pass
				Mid	10.51	9.71	13.14	<=28.31	Pass
				Right	10.82	10.07	13.47	<=28.31	Pass
			RU242	Left	10.57	10.03	13.32	<=28.31	Pass
			RU26	Left	10.32	10.21	13.28	<=28.31	Pass
				Mid	10.82	10.07	13.47	<=28.31	Pass
				Right	10.57	10.03	13.32	<=28.31	Pass
			RU242	Left	10.32	10.21	13.28	<=28.31	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 693 of 973

802.11ax (HEW40)	MIMO	5190	RU26	Left	3.09	2.22	5.69	<=22.29	Pass
				Mid	4.16	3.27	6.75	<=22.29	Pass
				Right	3.38	3.03	6.22	<=22.29	Pass
			RU484	Left	10.68	10.42	13.56	<=22.29	Pass
		5230	RU26	Left	2.65	2.20	5.44	<=22.29	Pass
				Mid	4.16	3.54	6.87	<=22.29	Pass
				Right	3.41	2.61	6.04	<=22.29	Pass
			RU484	Left	11.46	10.68	14.10	<=22.29	Pass
		5270	RU26	Left	6.25	5.71	9.00	<=22.29	Pass
				Mid	7.63	7.09	10.38	<=22.29	Pass
				Right	6.73	6.11	9.44	<=22.29	Pass
			RU484	Left	11.27	11.25	14.27	<=22.29	Pass
		5310	RU26	Left	6.86	6.15	9.53	<=22.29	Pass
				Mid	7.86	7.24	10.57	<=22.29	Pass
				Right	7.04	6.31	9.70	<=22.29	Pass
			RU484	Left	12.01	10.92	14.51	<=22.29	Pass
		5510	RU26	Left	7.14	5.54	9.42	<=22.29	Pass
				Mid	8.45	6.90	10.75	<=22.29	Pass
				Right	7.63	6.08	9.93	<=22.29	Pass
			RU484	Left	11.05	9.95	13.55	<=22.29	Pass
		5550	RU26	Left	6.95	5.60	9.34	<=22.29	Pass
				Mid	8.04	6.60	10.39	<=22.29	Pass
				Right	7.04	6.29	9.69	<=22.29	Pass
			RU484	Left	11.14	10.12	13.67	<=22.29	Pass
		5670	RU26	Left	6.57	6.33	9.46	<=22.29	Pass
				Mid	7.56	7.24	10.41	<=22.29	Pass
				Right	6.67	6.57	9.63	<=22.29	Pass
			RU484	Left	9.97	9.81	12.90	<=22.29	Pass
		5755	RU26	Left	10.19	10.28	13.25	<=28.31	Pass
				Mid	11.10	11.27	14.20	<=28.31	Pass
				Right	10.47	10.72	13.61	<=28.31	Pass
			RU484	Left	10.66	10.97	13.83	<=28.31	Pass
		5795	RU26	Left	9.95	10.16	13.07	<=28.31	Pass
				Mid	11.65	11.46	14.57	<=28.31	Pass
				Right	10.59	10.48	13.55	<=28.31	Pass
			RU484	Left	11.05	10.91	13.99	<=28.31	Pass
802.11ax (HEW80)	MIMO	5210	RU26	Left	2.67	1.84	5.29	<=22.29	Pass
				Mid	4.22	3.49	6.88	<=22.29	Pass
				Right	2.57	2.80	5.70	<=22.29	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 694 of 973

		5290	RU996	Left	12.14	10.29	14.32	<=22.29	Pass
			RU26	Left	6.03	5.38	8.73	<=22.29	Pass
				Mid	7.15	6.49	9.84	<=22.29	Pass
				Right	6.09	5.06	8.62	<=22.29	Pass
			RU996	Left	11.49	10.55	14.06	<=22.29	Pass
		5530	RU26	Left	7.10	4.64	9.05	<=22.29	Pass
				Mid	8.07	5.55	10.00	<=22.29	Pass
				Right	6.40	4.03	8.39	<=22.29	Pass
			RU996	Left	10.69	9.32	13.07	<=22.29	Pass
		5610	RU26	Left	5.59	5.15	8.39	<=22.29	Pass
				Mid	7.41	6.92	10.18	<=22.29	Pass
				Right	6.11	6.01	9.07	<=22.29	Pass
			RU996	Left	9.97	9.69	12.84	<=22.29	Pass
		5775	RU26	Left	10.30	9.91	13.12	<=28.31	Pass
				Mid	11.62	11.73	14.69	<=28.31	Pass
				Right	10.66	9.75	13.24	<=28.31	Pass
			RU996	Left	10.92	11.20	14.07	<=28.31	Pass

Note1: Antenna Gain: Ant1: 4.53dBi; Ant2: 4.83dBi;
Note2: Directional Gain: 7.69dBi



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	MIMO	5180	/	/	0.69	0.46	3.43	<=9.31	Pass
		5200	/	/	0.67	0.57	3.55	<=9.31	Pass
		5240	/	/	0.05	0.53	3.30	<=9.31	Pass
		5260	/	/	0.34	0.76	3.47	<=9.31	Pass
		5300	/	/	0.75	1.11	3.95	<=9.31	Pass
		5320	/	/	0.89	1.15	3.94	<=9.31	Pass
		5500	/	/	0.97	2.61	4.79	<=9.31	Pass
		5580	/	/	2.34	2.45	5.34	<=9.31	Pass
		5700	/	/	1.70	1.80	4.73	<=9.31	Pass
802.11n (HT20)	MIMO	5180	/	/	2.11	2.38	5.23	<=9.31	Pass
		5200	/	/	1.88	2.30	5.07	<=9.31	Pass
		5240	/	/	2.21	2.45	5.27	<=9.31	Pass
		5260	/	/	1.18	1.26	4.12	<=9.31	Pass
		5300	/	/	1.39	1.52	4.35	<=9.31	Pass
		5320	/	/	1.43	1.74	4.50	<=9.31	Pass
		5500	/	/	1.43	2.77	5.08	<=9.31	Pass
		5580	/	/	2.62	2.82	5.57	<=9.31	Pass
		5700	/	/	2.28	2.05	5.05	<=9.31	Pass
802.11n (HT40)	MIMO	5190	/	/	1.07	1.18	4.14	<=9.31	Pass
		5230	/	/	1.46	1.35	4.28	<=9.31	Pass
		5270	/	/	0.69	0.66	3.59	<=9.31	Pass
		5310	/	/	1.08	0.90	3.86	<=9.31	Pass
		5510	/	/	-2.17	-1.19	1.28	<=9.31	Pass
		5550	/	/	-2.41	-1.61	1.01	<=9.31	Pass
		5670	/	/	-1.55	-2.63	0.75	<=9.31	Pass
802.11ac (VHT20)	MIMO	5180	/	/	0.77	-0.04	3.29	<=9.31	Pass
		5200	/	/	0.83	-0.17	3.21	<=9.31	Pass
		5240	/	/	1.00	0.38	3.67	<=9.31	Pass
		5260	/	/	2.01	1.25	4.55	<=9.31	Pass

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 696 of 973

		5300	/	/	2.38	1.58	4.89	<=9.31	Pass
		5320	/	/	2.40	1.50	4.88	<=9.31	Pass
		5500	/	/	2.75	0.84	4.78	<=9.31	Pass
		5580	/	/	2.30	1.63	4.82	<=9.31	Pass
		5700	/	/	1.64	1.34	4.28	<=9.31	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-0.90	-1.52	1.74	<=9.31	Pass
		5230	/	/	-0.96	-1.18	1.81	<=9.31	Pass
		5270	/	/	-1.57	-2.11	1.14	<=9.31	Pass
		5310	/	/	-1.39	-2.23	1.14	<=9.31	Pass
		5510	/	/	-1.06	-2.79	1.12	<=9.31	Pass
		5550	/	/	-1.32	-2.94	0.96	<=9.31	Pass
		5670	/	/	-2.21	-2.27	0.58	<=9.31	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.35	-4.88	-1.68	<=9.31	Pass
		5290	/	/	-4.28	-4.88	-1.60	<=9.31	Pass
		5530	/	/	-4.52	-6.61	-2.53	<=9.31	Pass
		5610	/	/	-4.91	-5.53	-2.30	<=9.31	Pass
802.11ax (HEW20)	MIMO	5180	RU26	Left	1.78	-0.47	3.70	<=9.31	Pass
				Mid	0.76	-1.09	2.78	<=9.31	Pass
				Right	1.76	0.01	3.85	<=9.31	Pass
		5200	RU26	Left	1.35	-0.02	3.57	<=9.31	Pass
				Mid	0.58	-0.85	2.79	<=9.31	Pass
				Right	1.39	0.36	3.79	<=9.31	Pass
		5240	RU26	Left	1.82	0.59	4.22	<=9.31	Pass
				Mid	0.48	-0.32	2.98	<=9.31	Pass
				Right	1.81	0.60	4.07	<=9.31	Pass
		5260	RU26	Left	4.23	3.67	6.87	<=9.31	Pass
				Mid	3.77	2.51	6.06	<=9.31	Pass
				Right	4.93	3.33	7.21	<=9.31	Pass
		5300	RU26	Left	4.09	4.06	7.02	<=9.31	Pass
				Mid	4.25	2.82	6.50	<=9.31	Pass
				Right	4.94	3.70	7.28	<=9.31	Pass
		5320	RU26	Left	4.50	3.44	6.88	<=9.31	Pass
				Mid	3.42	2.46	5.91	<=9.31	Pass
				Right	4.36	3.64	6.85	<=9.31	Pass
		5180	RU242	Left	1.80	0.05	3.87	<=9.31	Pass
				Mid	0.76	-1.09	2.78	<=9.31	Pass
				Right	1.76	0.01	3.85	<=9.31	Pass
		5200	RU242	Left	1.32	0.32	3.84	<=9.31	Pass
				Mid	0.58	-0.85	2.79	<=9.31	Pass
				Right	1.39	0.36	3.79	<=9.31	Pass
		5240	RU242	Left	1.55	0.07	3.66	<=9.31	Pass
				Mid	0.48	-0.32	2.98	<=9.31	Pass
				Right	1.81	0.60	4.07	<=9.31	Pass
		5260	RU242	Left	0.86	-0.43	3.17	<=9.31	Pass
				Mid	3.77	2.51	6.06	<=9.31	Pass
				Right	4.93	3.33	7.21	<=9.31	Pass
		5300	RU242	Left	0.69	0.16	3.41	<=9.31	Pass
				Mid	4.25	2.82	6.50	<=9.31	Pass
				Right	4.94	3.70	7.28	<=9.31	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 697 of 973

		5500	RU242	Left	0.97	-0.57	3.06	<=9.31	Pass
			RU26	Left	4.80	2.68	6.84	<=9.31	Pass
				Mid	4.45	2.08	6.35	<=9.31	Pass
				Right	4.95	3.08	6.94	<=9.31	Pass
			RU242	Left	0.05	-2.01	1.98	<=9.31	Pass
		5580	RU26	Left	4.60	3.95	7.28	<=9.31	Pass
				Mid	4.08	3.26	6.43	<=9.31	Pass
				Right	4.95	4.57	7.59	<=9.31	Pass
			RU242	Left	-0.06	-0.83	2.31	<=9.31	Pass
		5700	RU26	Left	4.58	3.75	6.98	<=9.31	Pass
				Mid	3.53	2.85	6.03	<=9.31	Pass
				Right	4.23	3.30	6.74	<=9.31	Pass
			RU242	Left	-0.67	-1.77	1.61	<=9.31	Pass
802.11ax (HEW40)	MIMO	5190	RU26	Left	1.17	0.22	3.62	<=9.31	Pass
				Mid	1.12	0.62	3.89	<=9.31	Pass
				Right	1.03	0.91	3.98	<=9.31	Pass
			RU484	Left	-2.65	-2.48	0.30	<=9.31	Pass
		5230	RU26	Left	0.85	0.15	3.53	<=9.31	Pass
				Mid	1.69	0.89	4.12	<=9.31	Pass
				Right	1.38	0.66	4.04	<=9.31	Pass
			RU484	Left	-1.60	-3.21	0.33	<=9.31	Pass
		5270	RU26	Left	4.40	4.10	7.18	<=9.31	Pass
				Mid	4.63	4.00	7.15	<=9.31	Pass
				Right	4.78	4.14	7.38	<=9.31	Pass
			RU484	Left	-1.62	-2.47	0.79	<=9.31	Pass
		5310	RU26	Left	4.84	4.42	7.45	<=9.31	Pass
				Mid	5.10	4.60	7.78	<=9.31	Pass
				Right	4.74	4.32	7.46	<=9.31	Pass
			RU484	Left	-1.11	-2.13	1.39	<=9.31	Pass
		5510	RU26	Left	5.26	4.02	7.59	<=9.31	Pass
				Mid	5.47	4.21	7.81	<=9.31	Pass
				Right	5.41	4.21	7.71	<=9.31	Pass
			RU484	Left	-2.37	-3.88	-0.29	<=9.31	Pass
		5550	RU26	Left	5.21	3.73	7.37	<=9.31	Pass
				Mid	5.63	4.15	7.78	<=9.31	Pass
				Right	5.36	4.34	7.80	<=9.31	Pass
			RU484	Left	-2.09	-4.02	-0.24	<=9.31	Pass
		5670	RU26	Left	4.51	4.45	7.42	<=9.31	Pass
				Mid	4.83	4.94	7.70	<=9.31	Pass



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing & Calibration Laboratory

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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400090705

Page: 698 of 973

802.11ax (HEW80)	MIMO			Right	4.44	4.77	7.52	<=9.31	Pass
				RU484 Left	-3.38	-3.63	-0.71	<=9.31	Pass
		5210	RU26	Left	1.03	0.43	3.75	<=9.31	Pass
				Mid	0.07	0.40	3.22	<=9.31	Pass
				Right	1.27	1.13	4.21	<=9.31	Pass
			RU996	Left	-5.48	-6.22	-3.03	<=9.31	Pass
		5290	RU26	Left	4.25	3.69	6.97	<=9.31	Pass
				Mid	3.31	3.04	6.16	<=9.31	Pass
				Right	4.13	3.01	6.41	<=9.31	Pass
			RU996	Left	-4.59	-5.62	-2.32	<=9.31	Pass
		5530	RU26	Left	4.91	3.21	7.15	<=9.31	Pass
				Mid	3.82	2.04	5.95	<=9.31	Pass
				Right	4.47	2.94	6.77	<=9.31	Pass
			RU996	Left	-5.66	-7.24	-3.50	<=9.31	Pass
		5610	RU26	Left	4.27	3.72	6.95	<=9.31	Pass
				Mid	3.43	3.27	6.17	<=9.31	Pass
				Right	4.29	4.54	7.26	<=9.31	Pass
			RU996	Left	-5.78	-6.52	-3.45	<=9.31	Pass

Note1: Antenna Gain: Ant1: 4.53dBi; Ant2: 4.83dBi;

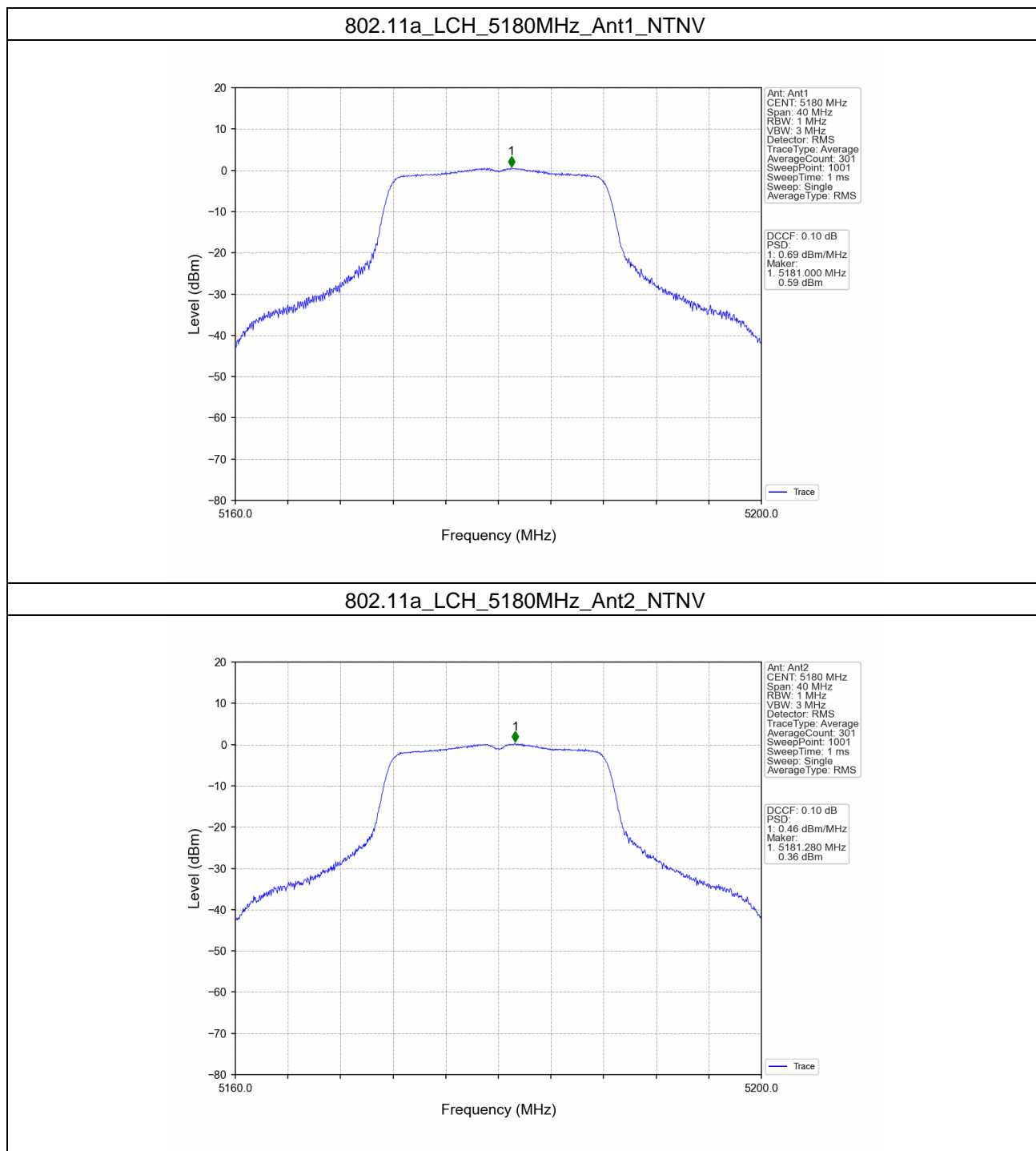


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

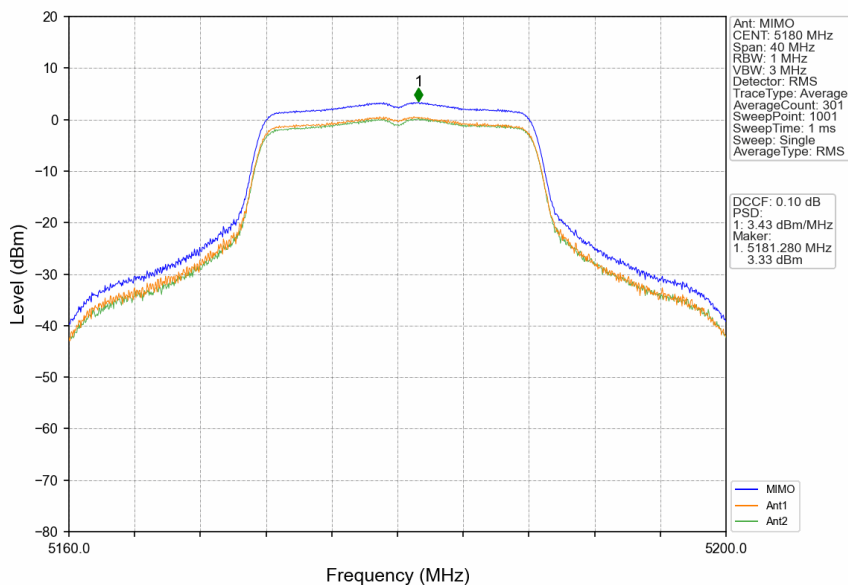
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

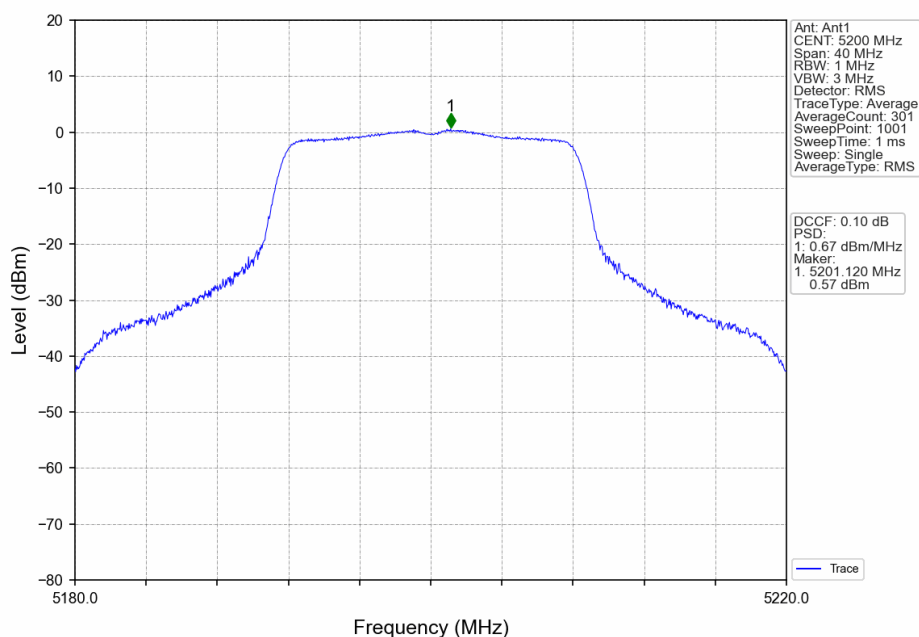
4.1.2 Test Graph



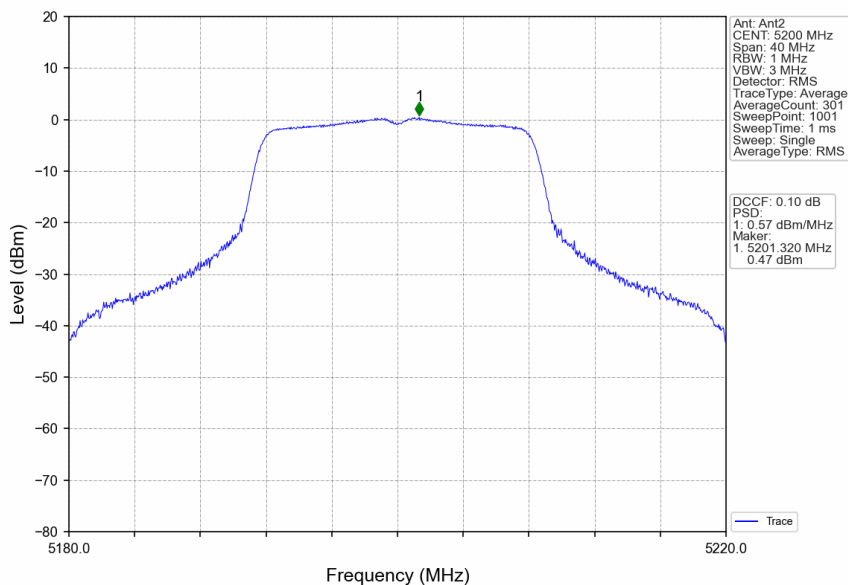
802.11a_LCH_5180MHz_MIMO_NTNV



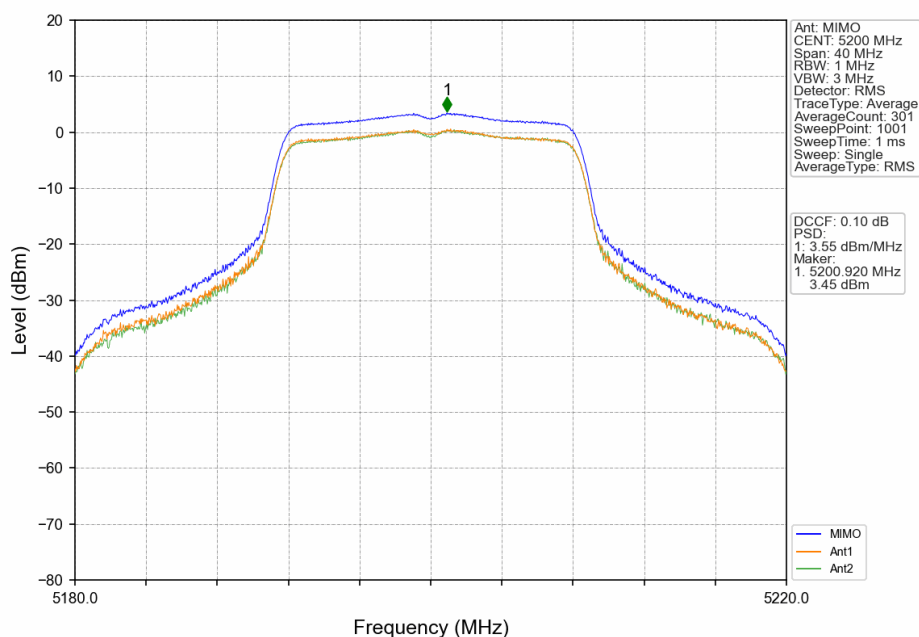
802.11a_MCH_5200MHz_Ant1_NTNV



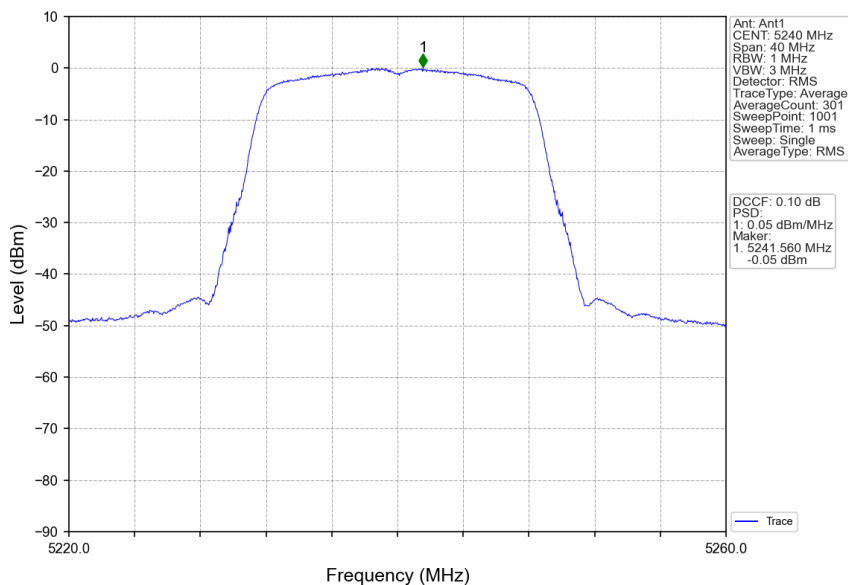
802.11a_MCH_5200MHz_Ant2_NTNV



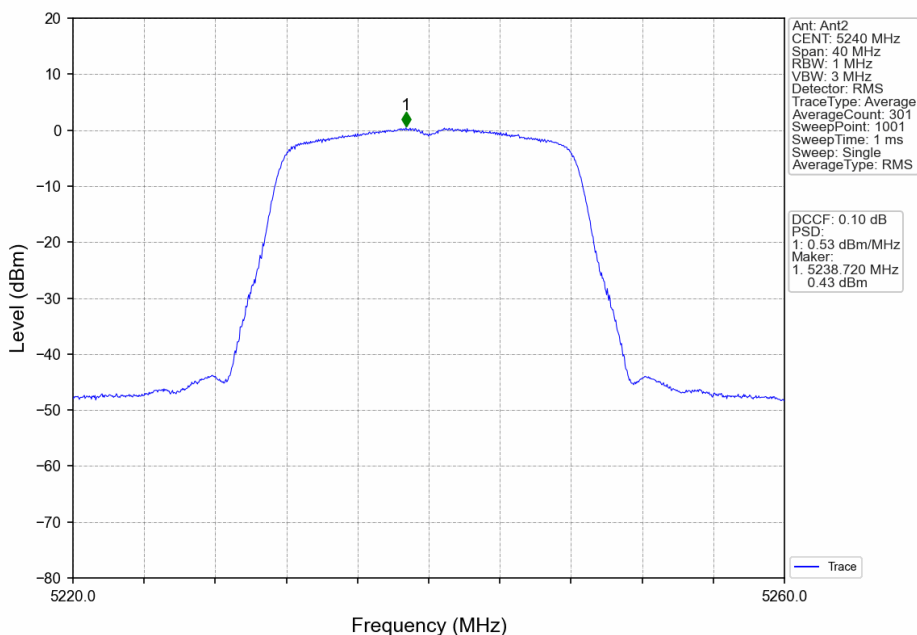
802.11a_MCH_5200MHz_MIMO_NTNV



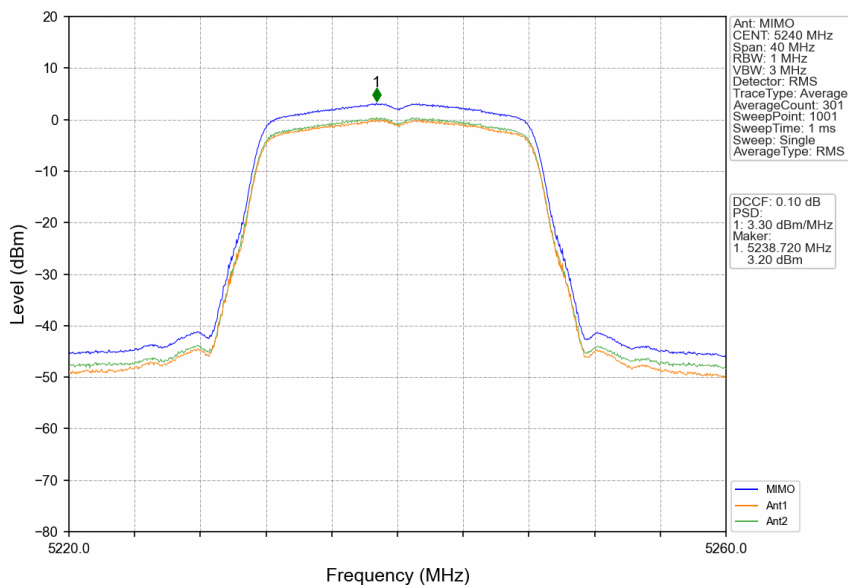
802.11a_HCH_5240MHz_Ant1_NTNV



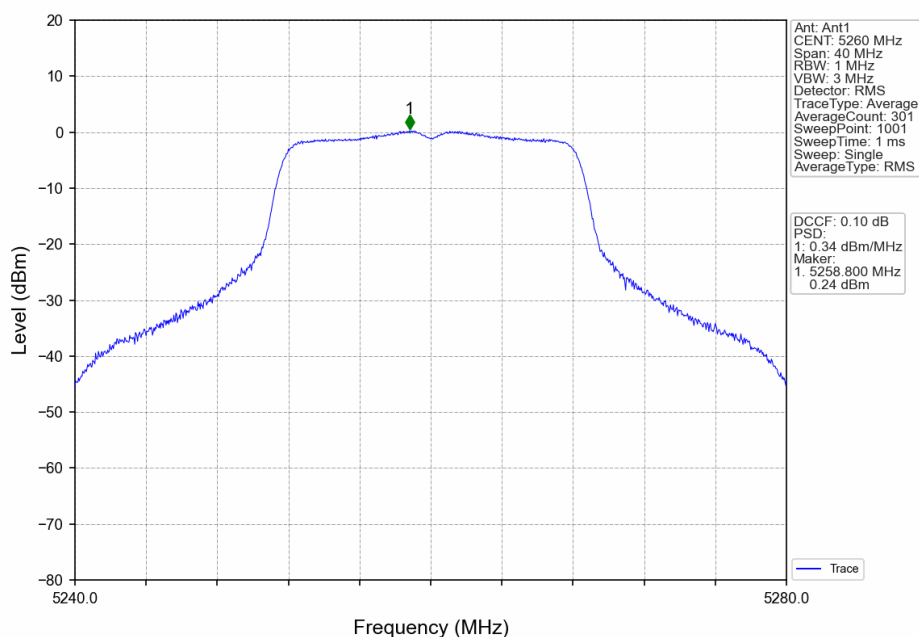
802.11a_HCH_5240MHz_Ant2_NTNV



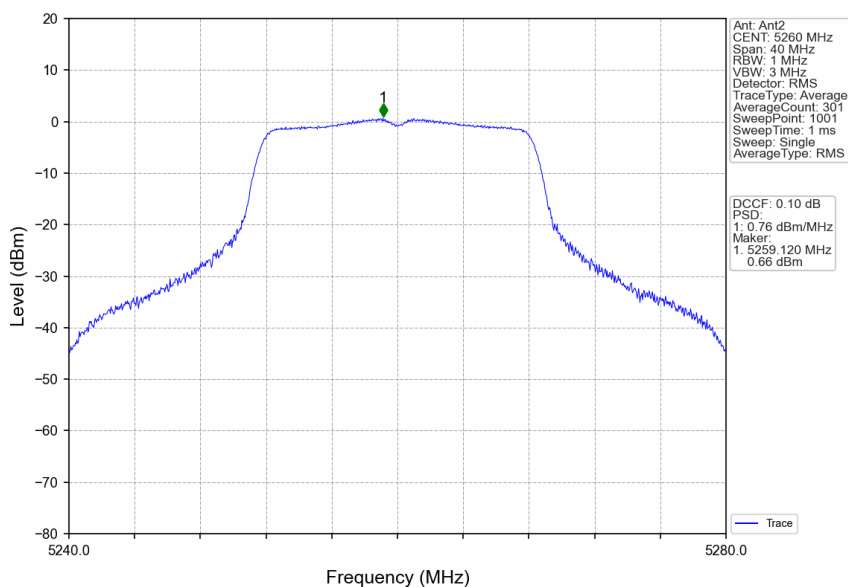
802.11a_HCH_5240MHz_MIMO_NTNV



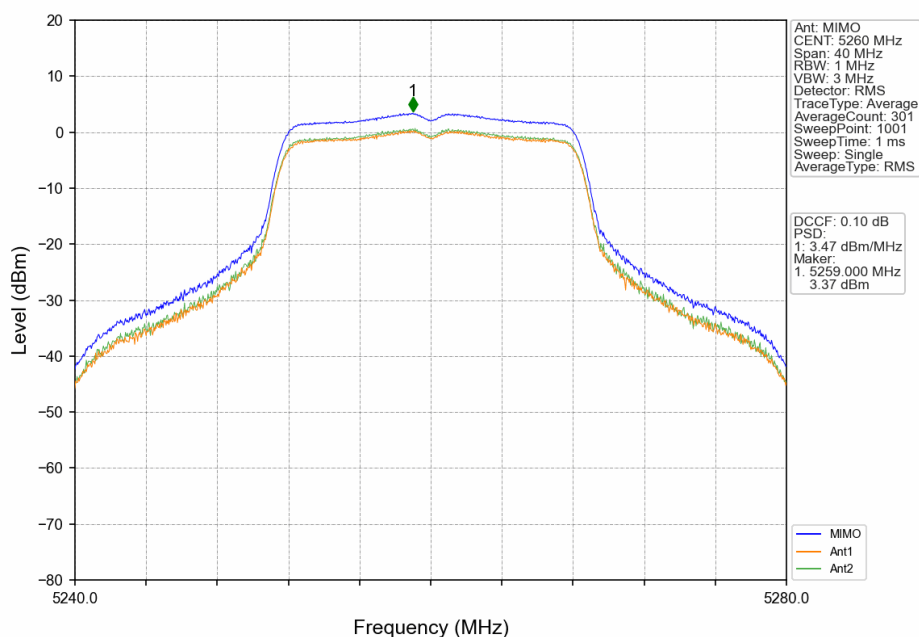
802.11a_LCH_5260MHz_Ant1_NTNV



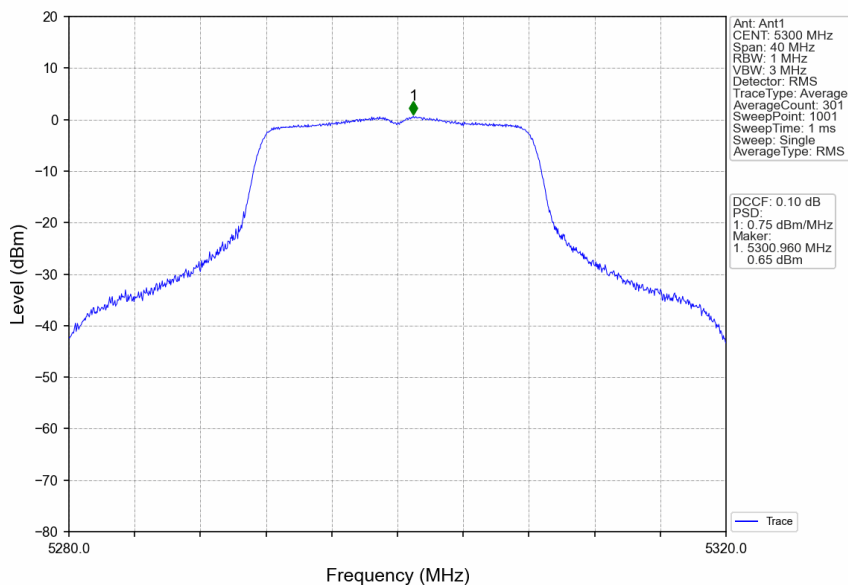
802.11a_LCH_5260MHz_Ant2_NTNV



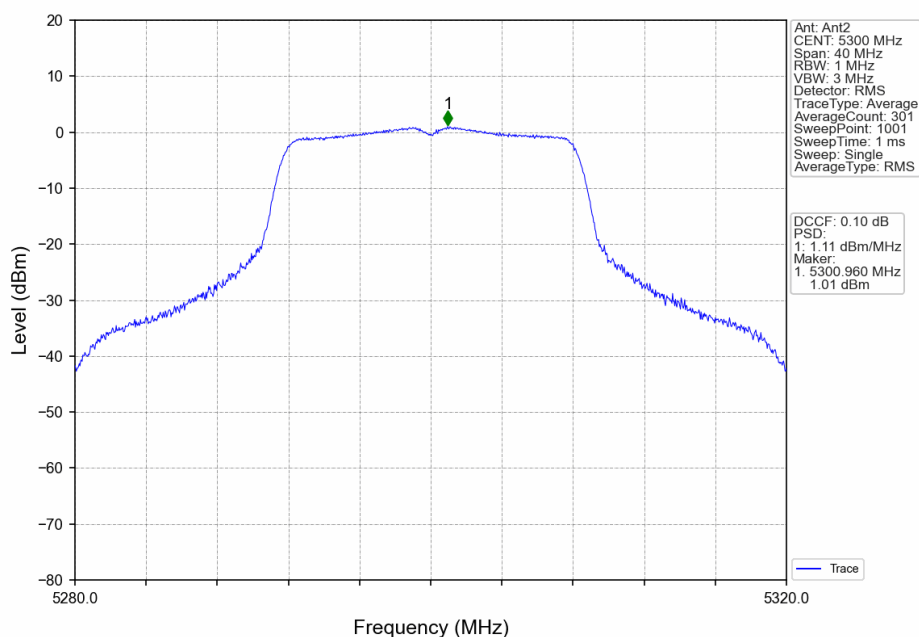
802.11a_LCH_5260MHz_MIMO_NTNV



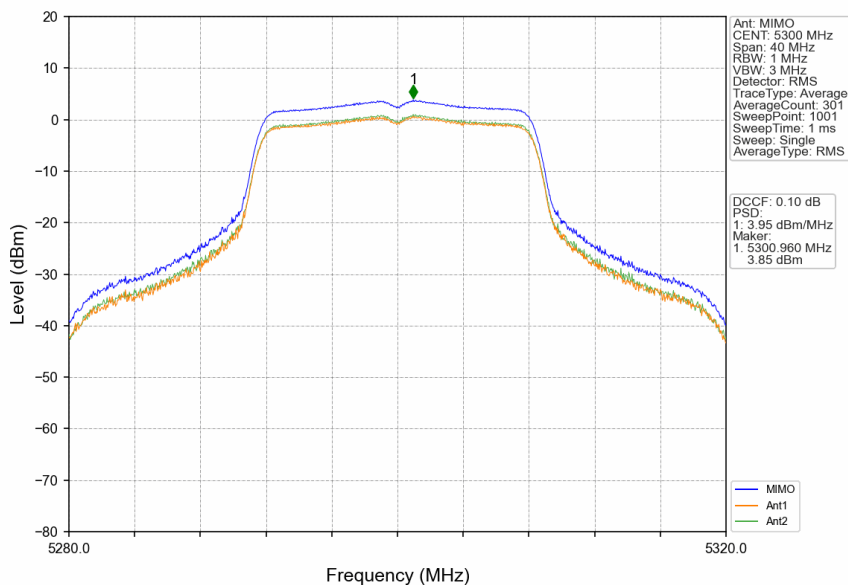
802.11a_MCH_5300MHz_Ant1_NTNV



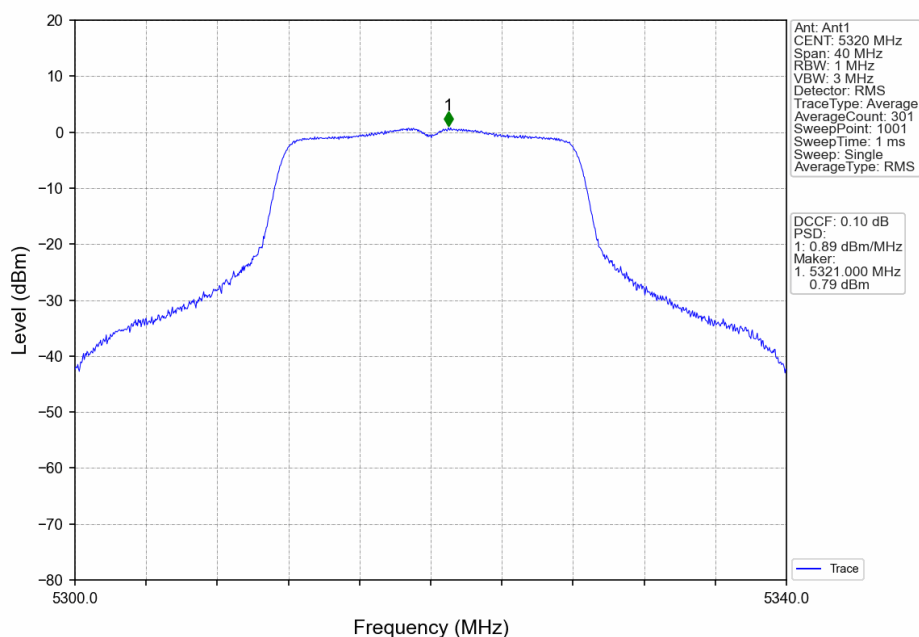
802.11a_MCH_5300MHz_Ant2_NTNV



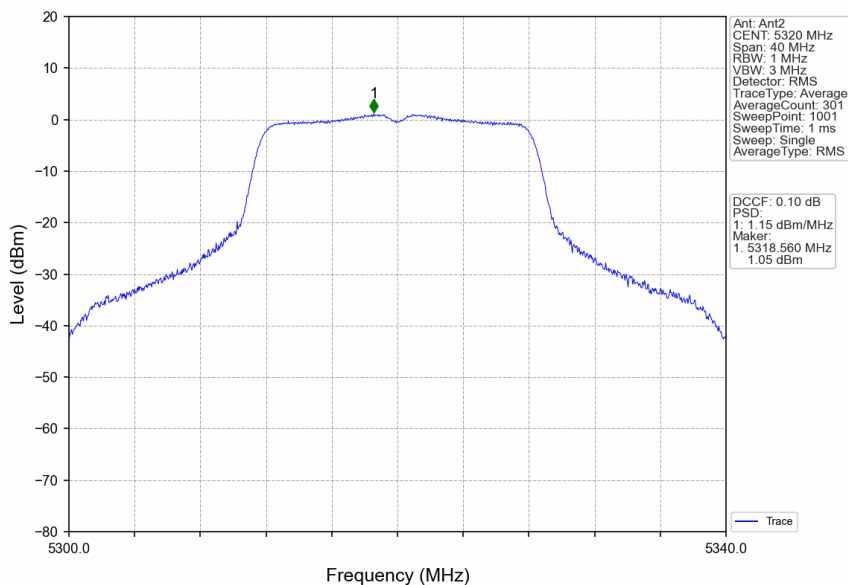
802.11a_MCH_5300MHz_MIMO_NTNV



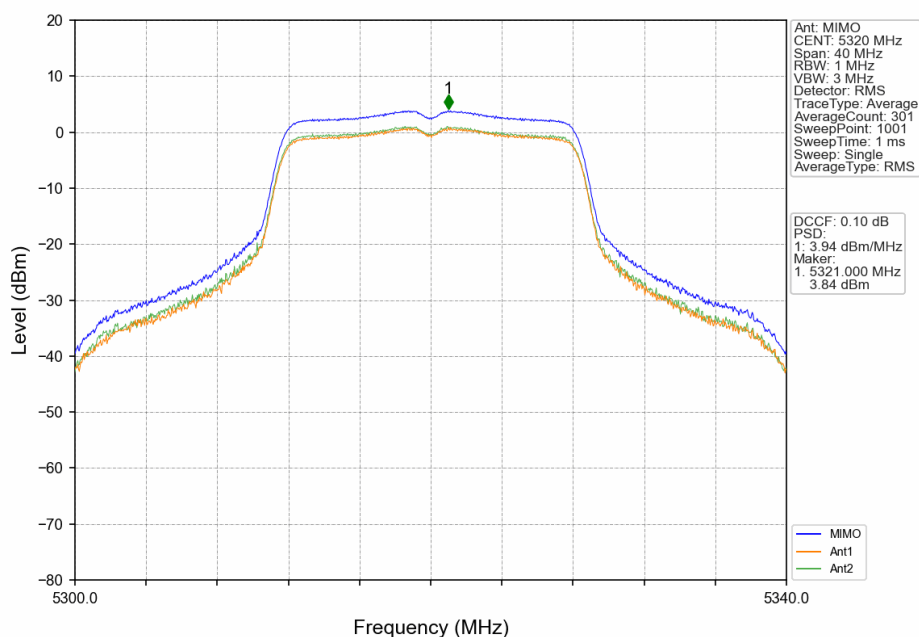
802.11a_HCH_5320MHz_Ant1_NTNV



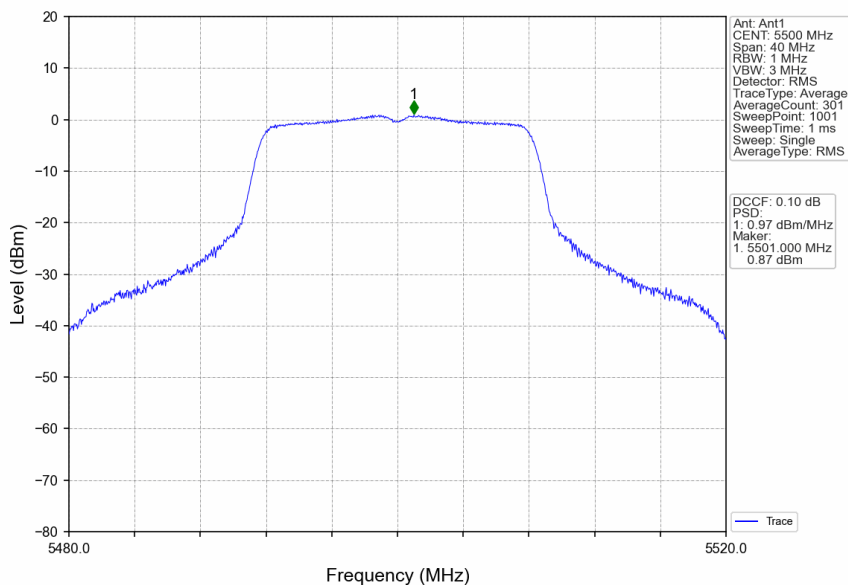
802.11a_HCH_5320MHz_Ant2_NTNV



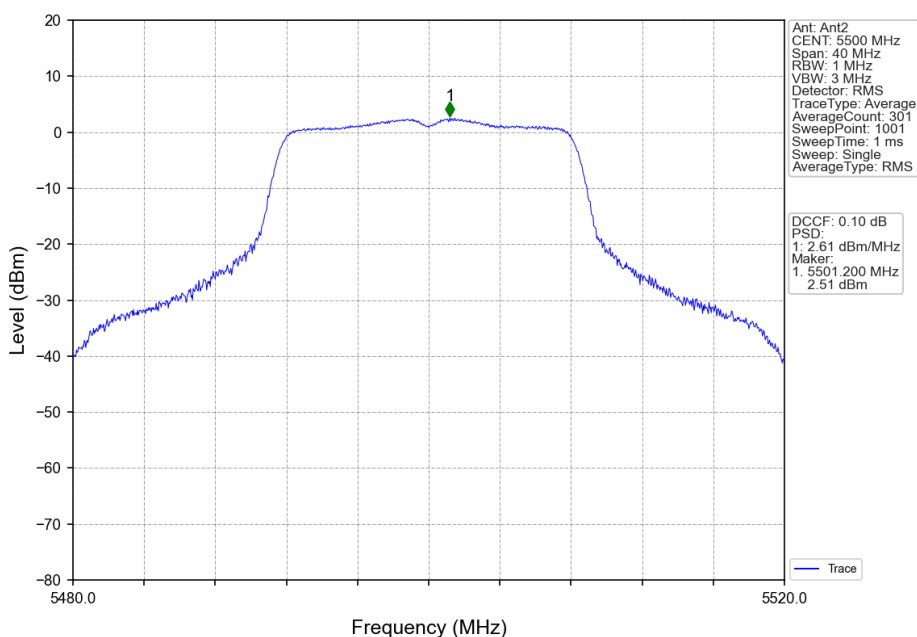
802.11a_HCH_5320MHz_MIMO_NTNV



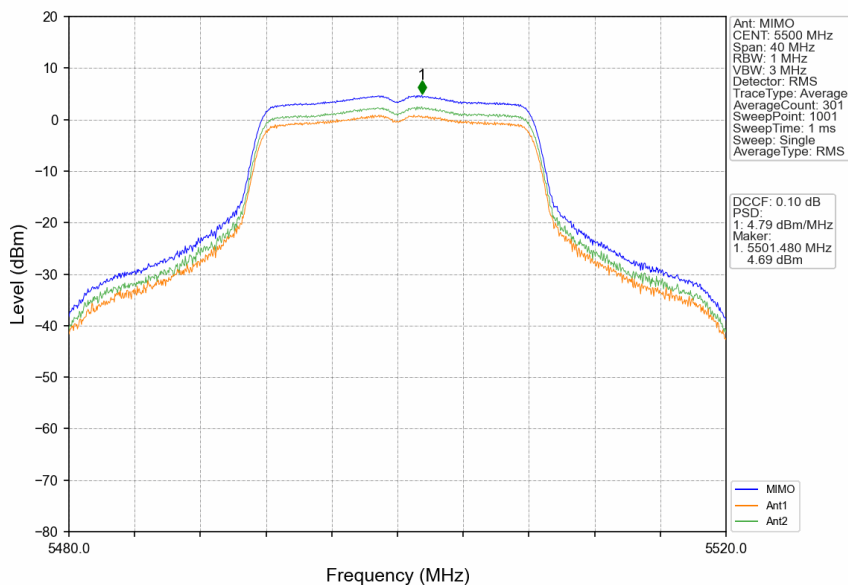
802.11a_LCH_5500MHz_Ant1_NTNV



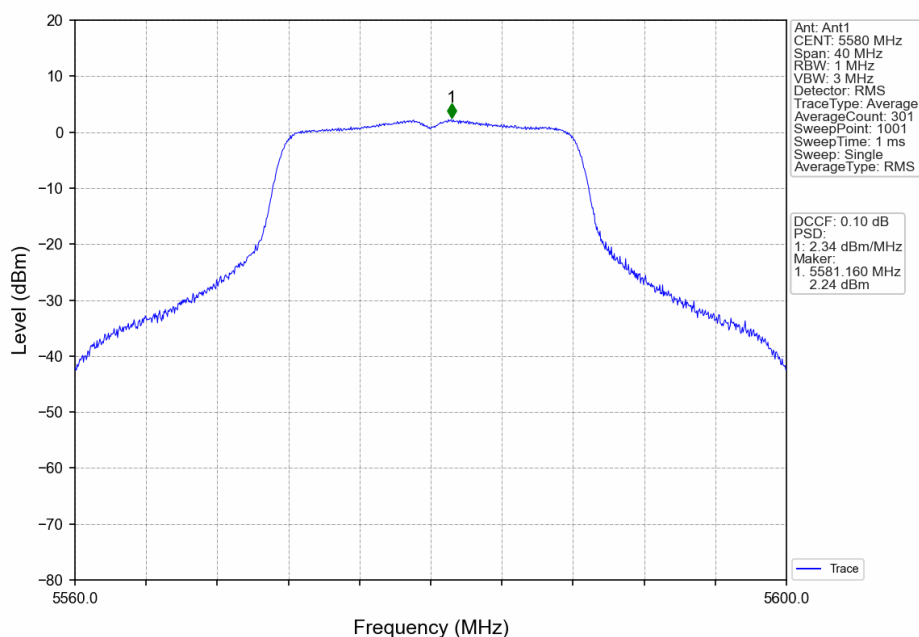
802.11a_LCH_5500MHz_Ant2_NTNV



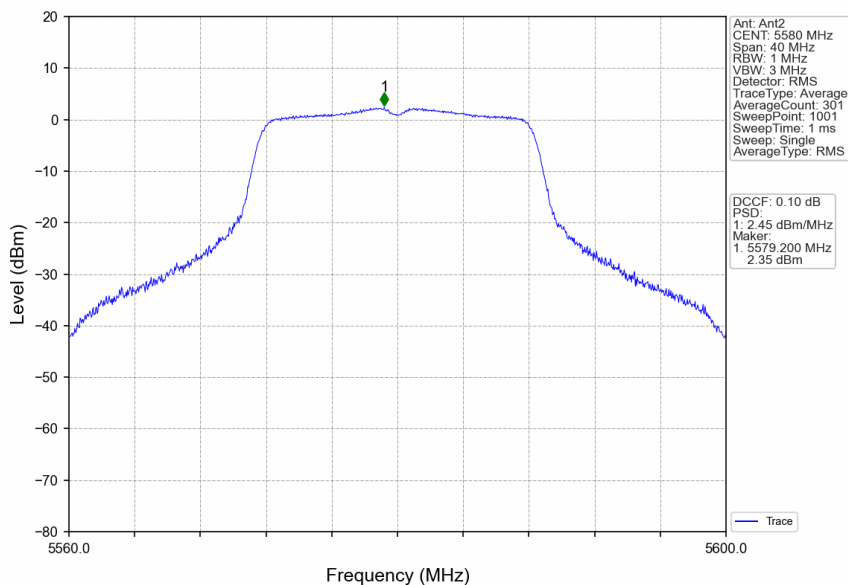
802.11a_LCH_5500MHz_MIMO_NTNV



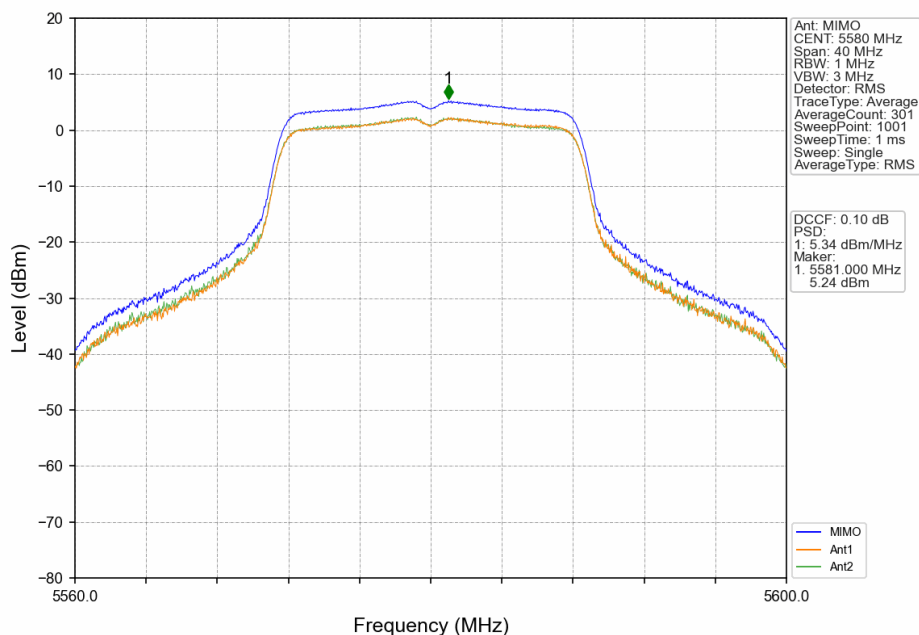
802.11a_MCH_5580MHz_Ant1_NTNV



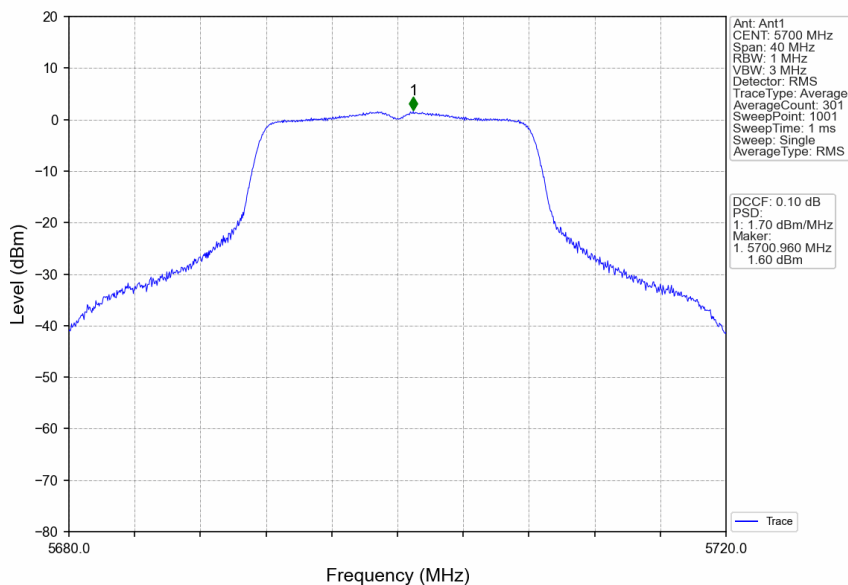
802.11a_MCH_5580MHz_Ant2_NTNV



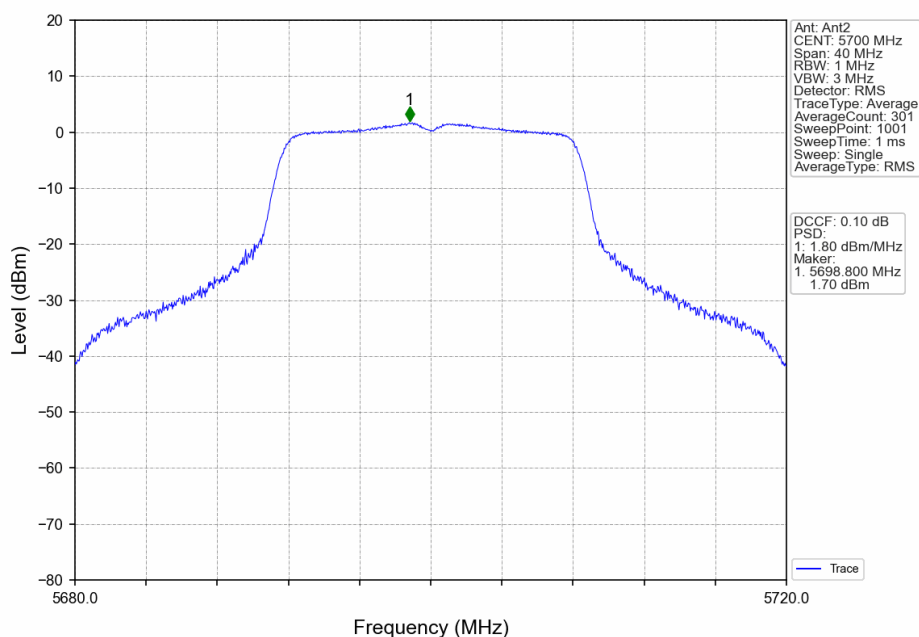
802.11a_MCH_5580MHz_MIMO_NTNV



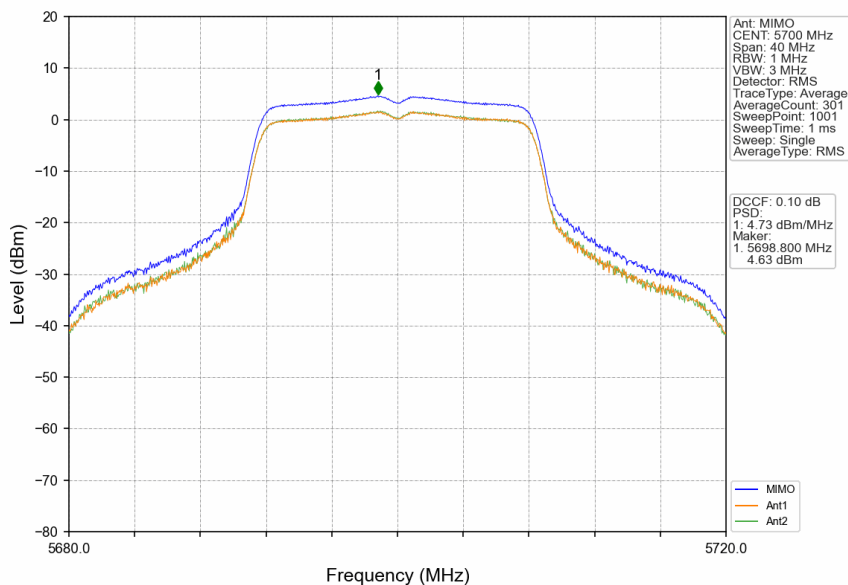
802.11a_HCH_5700MHz_Ant1_NTNV



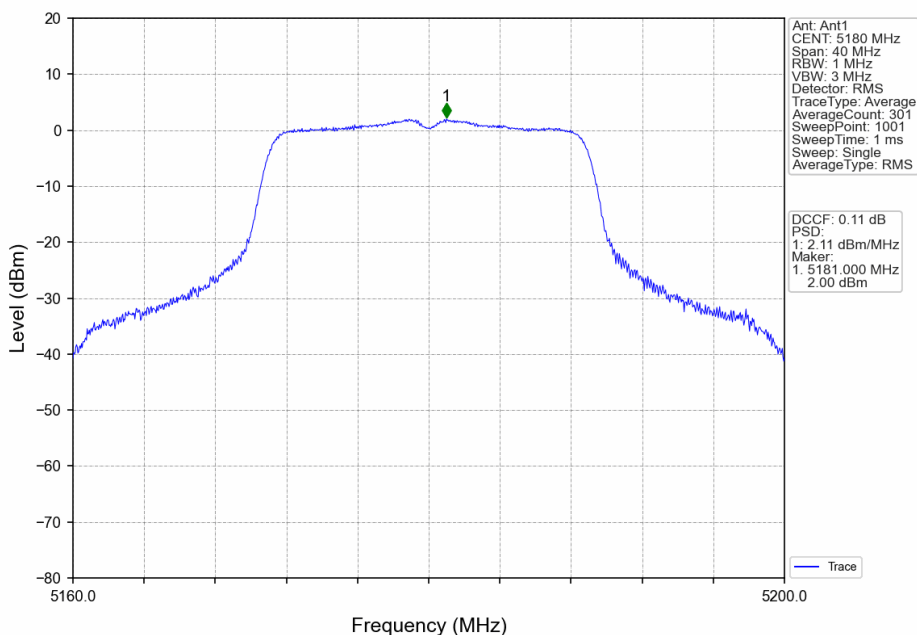
802.11a_HCH_5700MHz_Ant2_NTNV



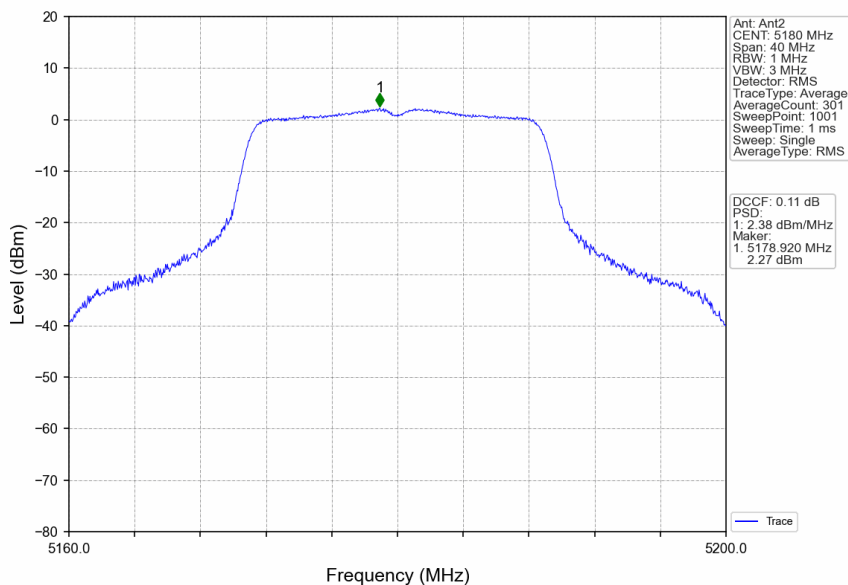
802.11a_HCH_5700MHz_MIMO_NTNV



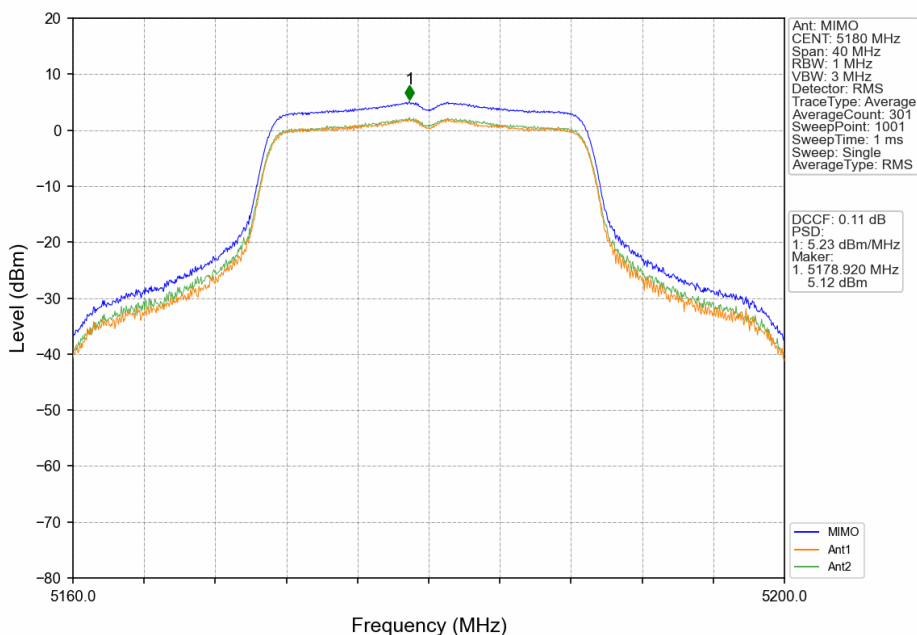
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



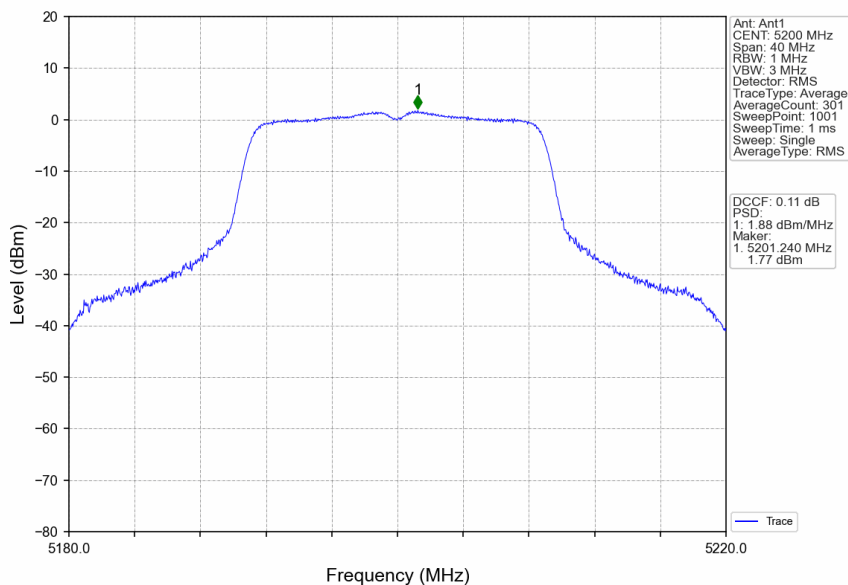
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



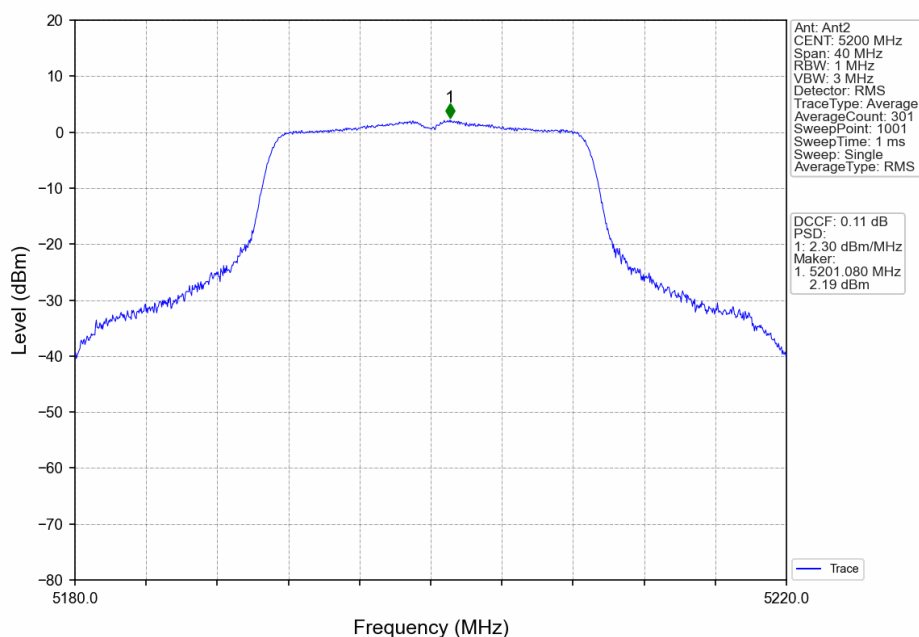
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



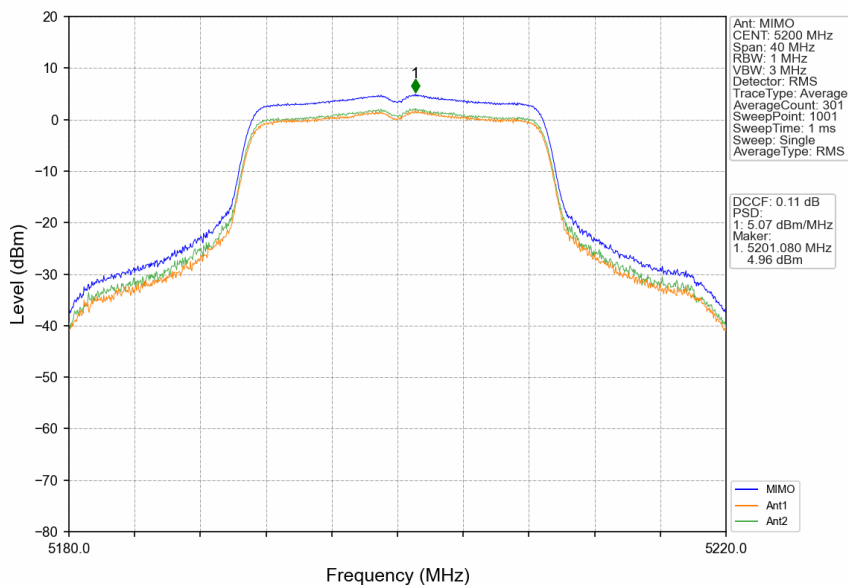
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



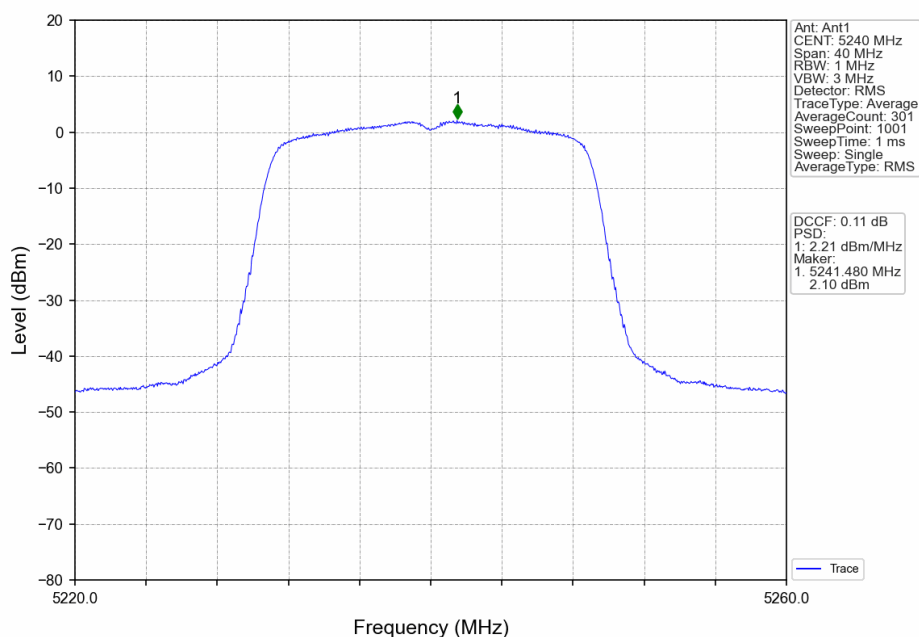
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



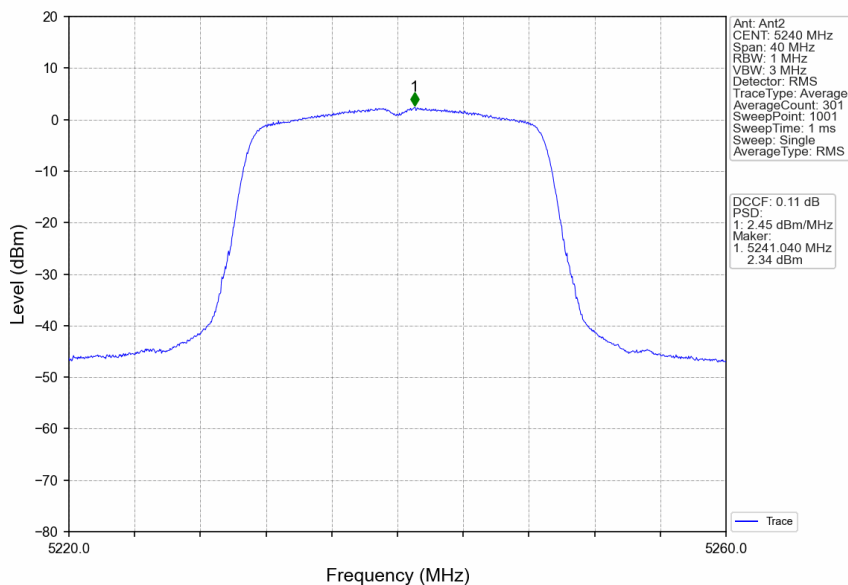
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



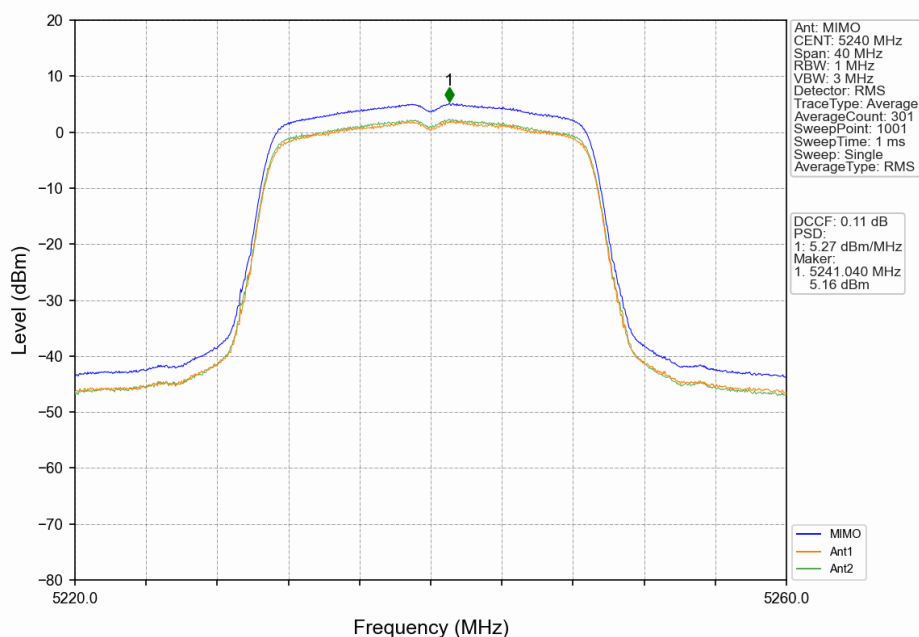
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



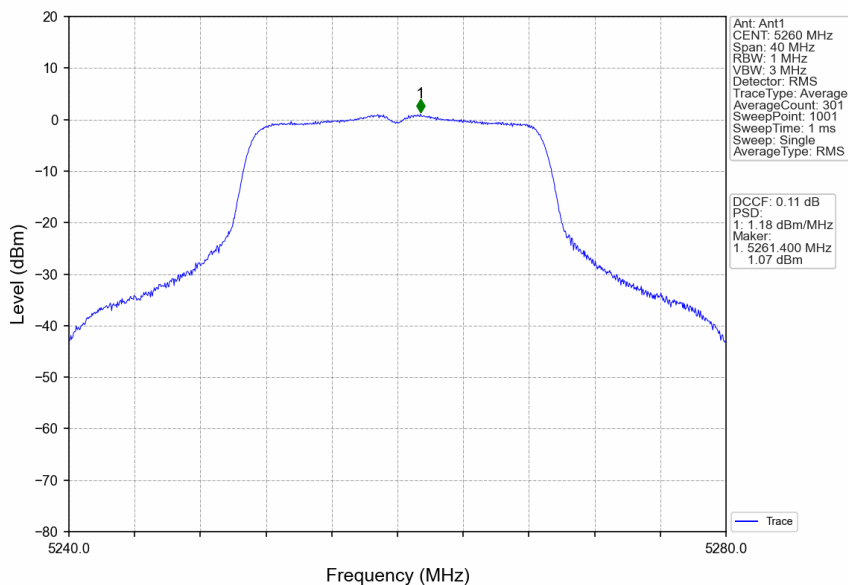
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



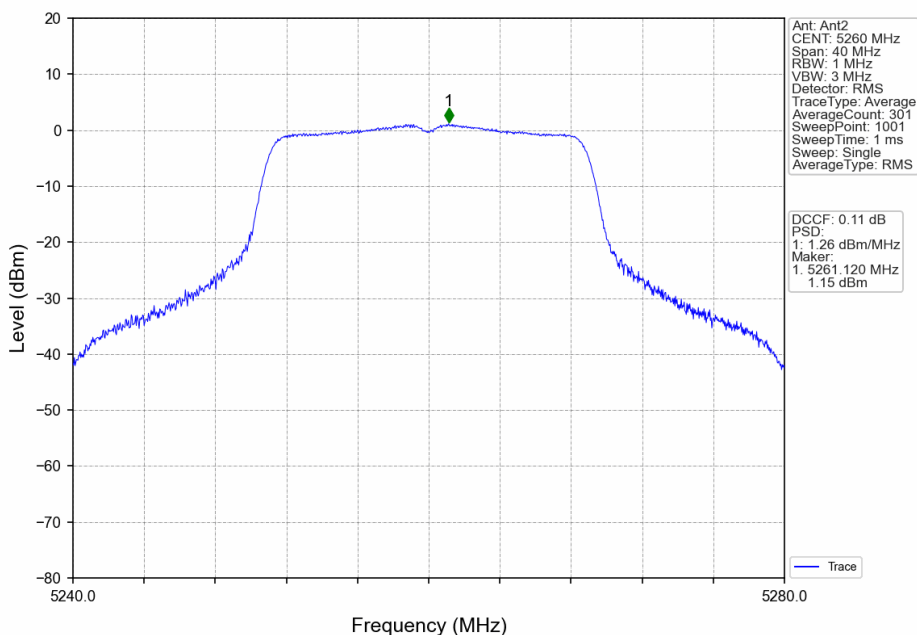
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



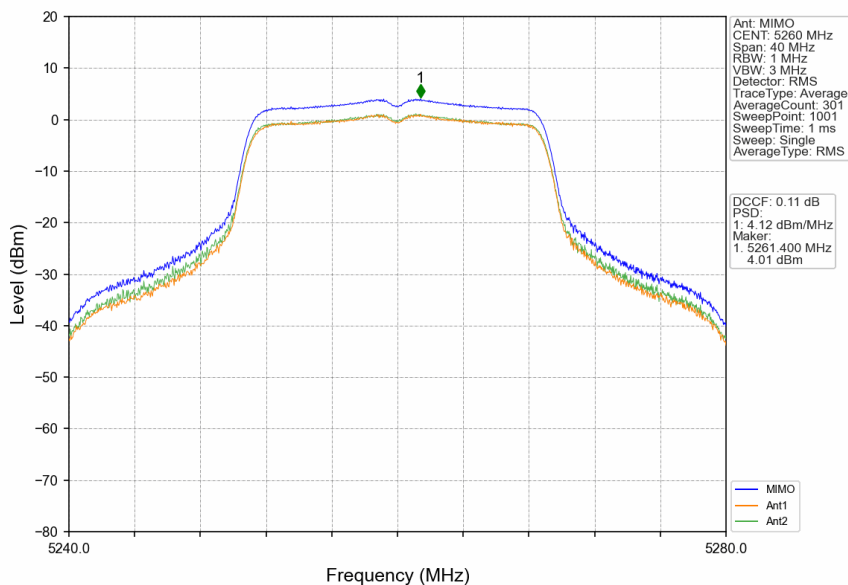
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



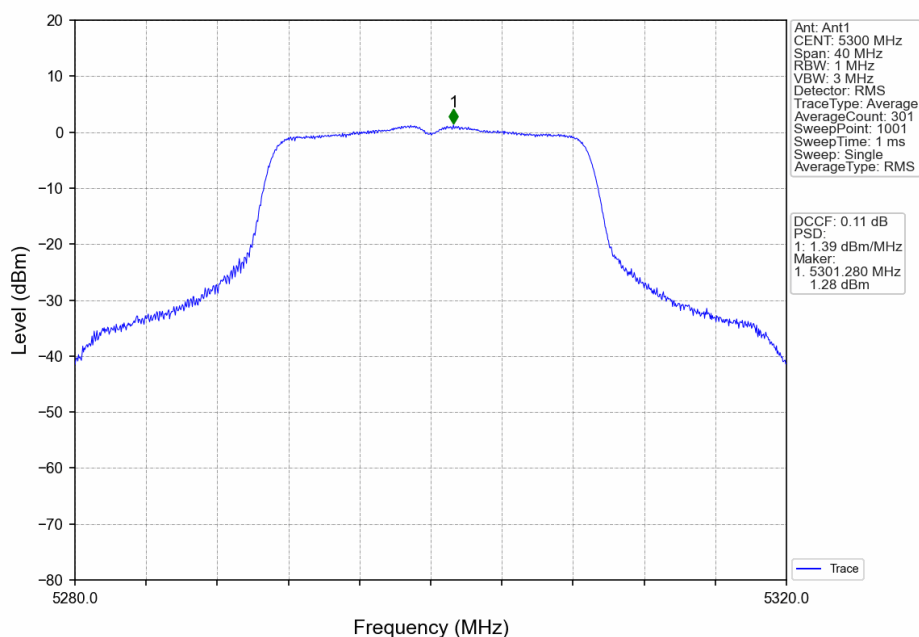
802.11n(HT20)_LCH_5260MHz_Ant2_NTNV



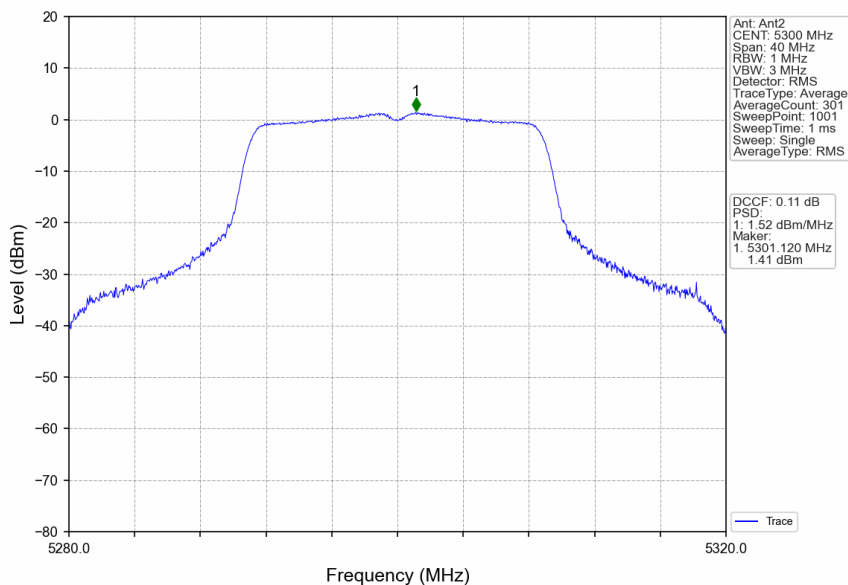
802.11n(HT20)_LCH_5260MHz_MIMO_NTNV



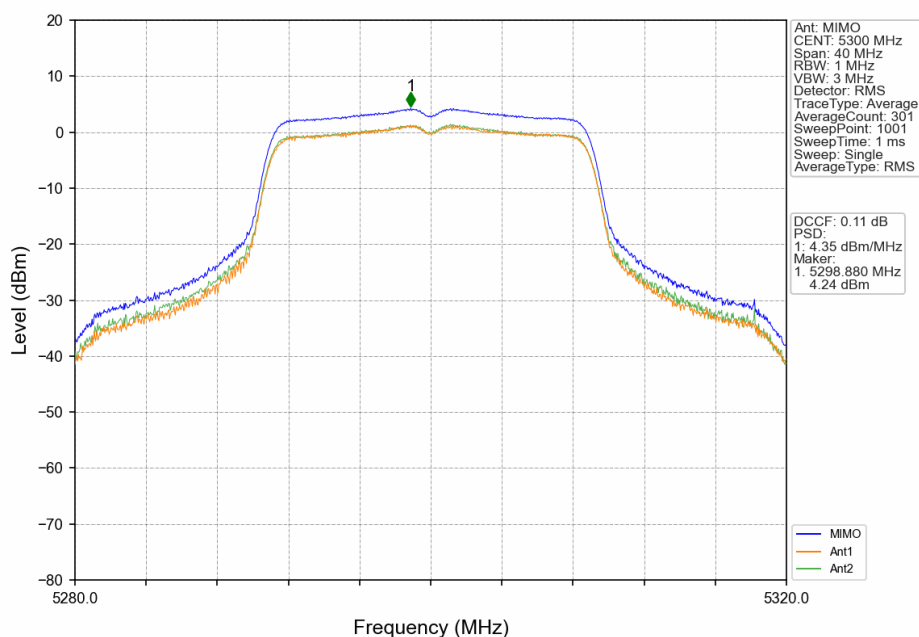
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



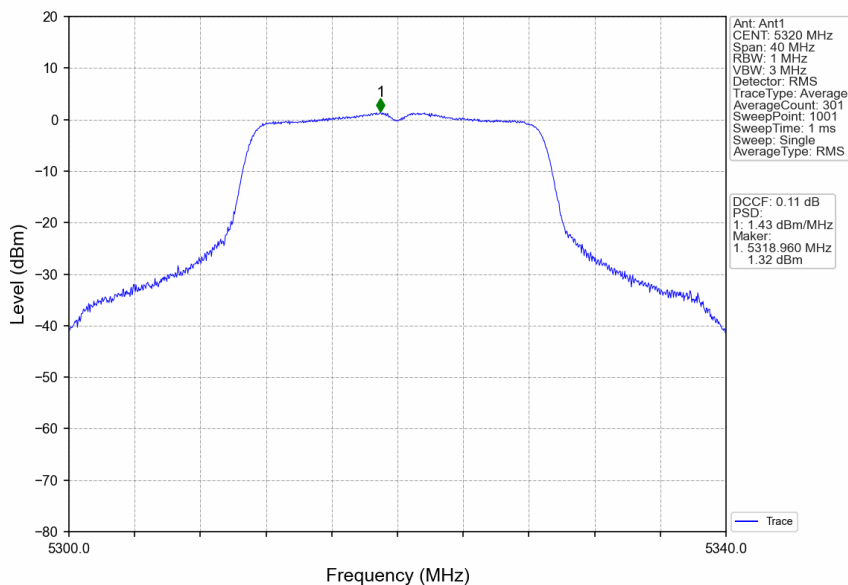
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



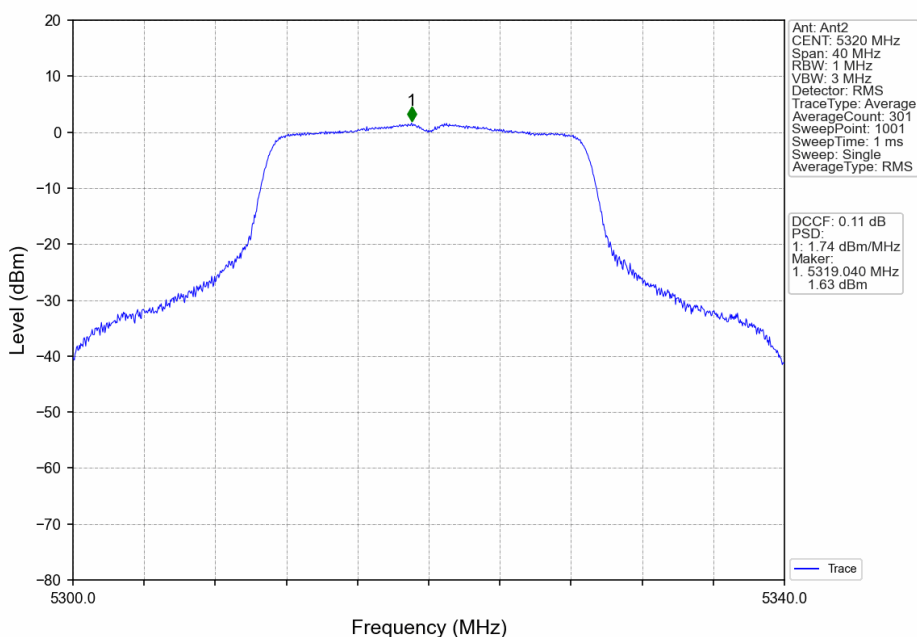
802.11n(HT20)_MCH_5300MHz_MIMO_NTNV



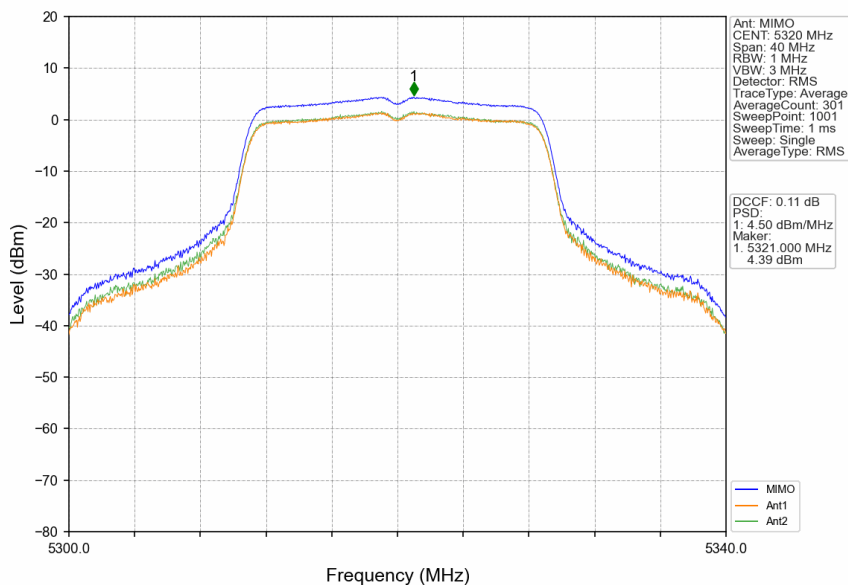
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



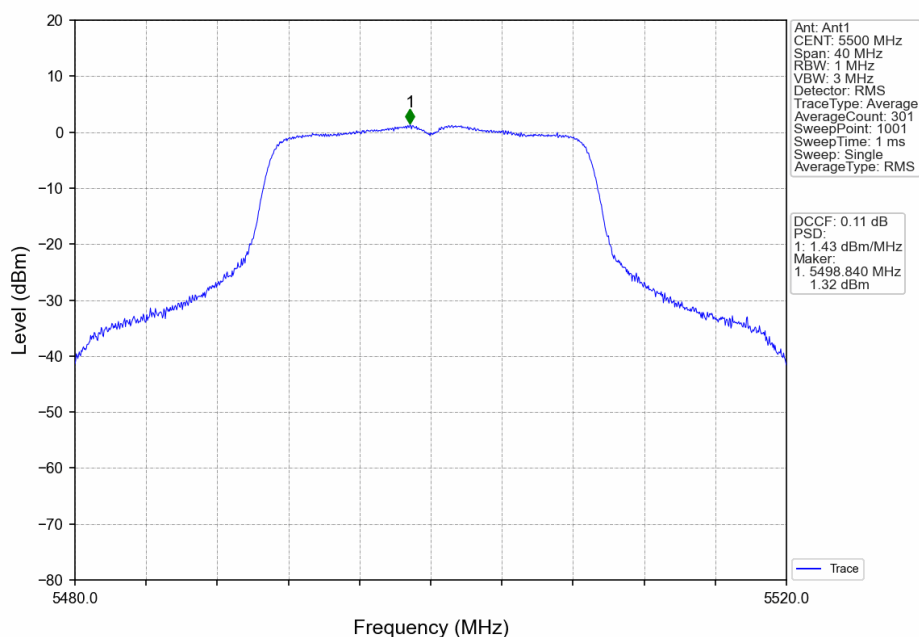
802.11n(HT20)_HCH_5320MHz_Ant2_NTNV



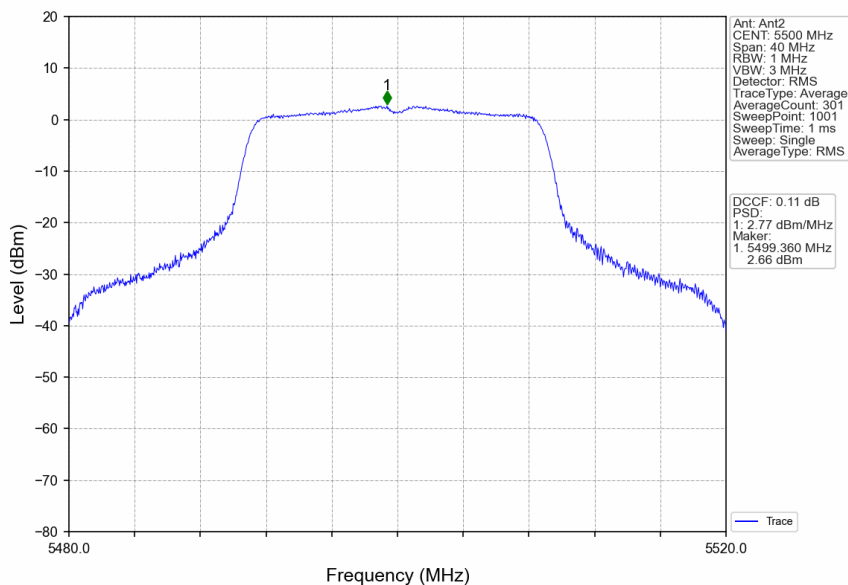
802.11n(HT20)_HCH_5320MHz_MIMO_NTNV



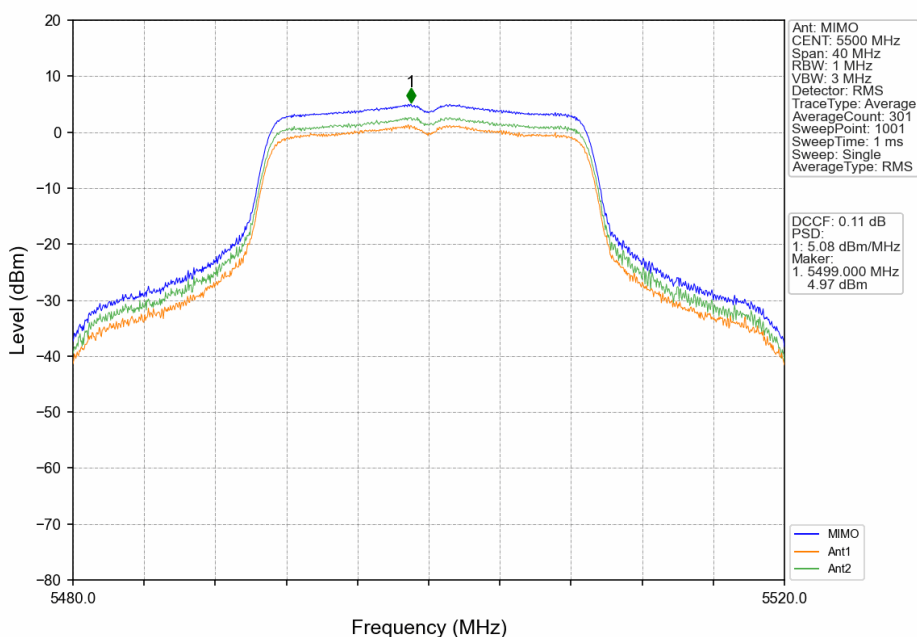
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



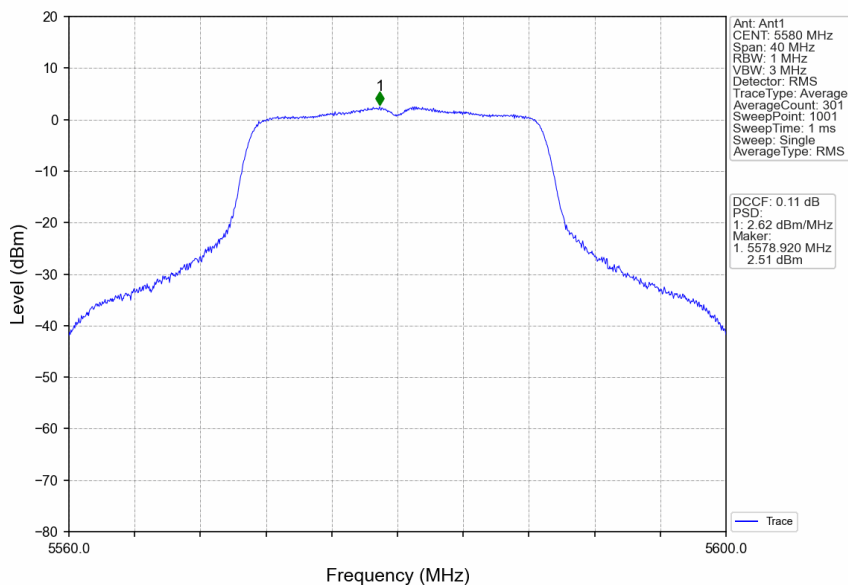
802.11n(HT20)_LCH_5500MHz_Ant2_NTNV



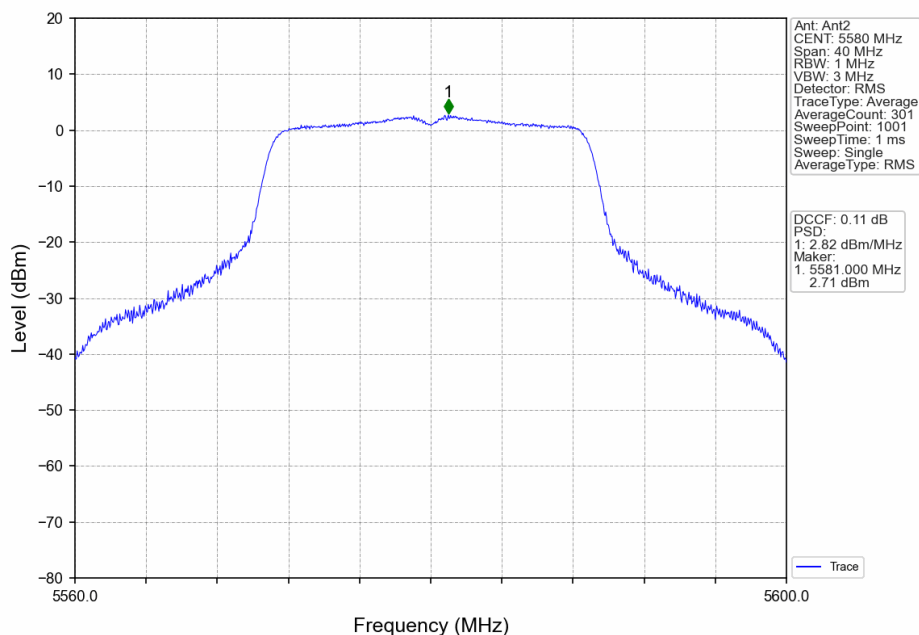
802.11n(HT20)_LCH_5500MHz_MIMO_NTNV



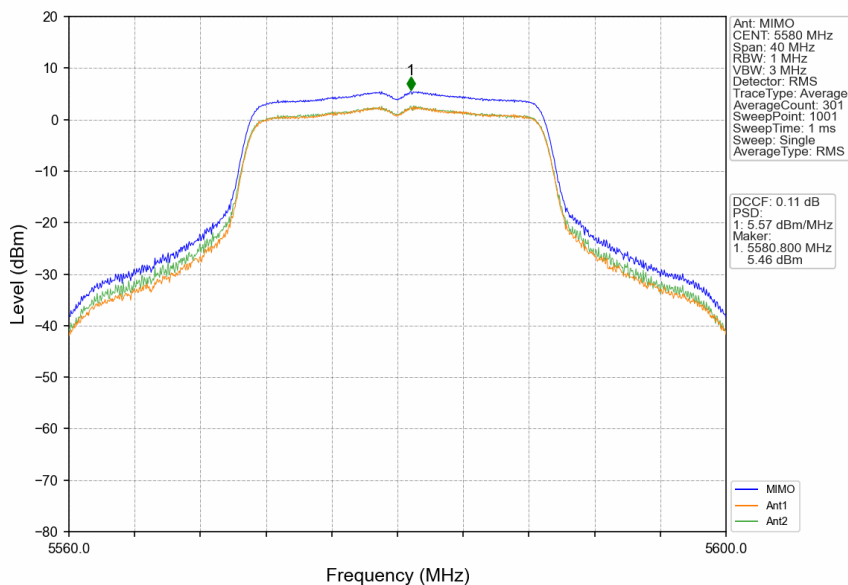
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



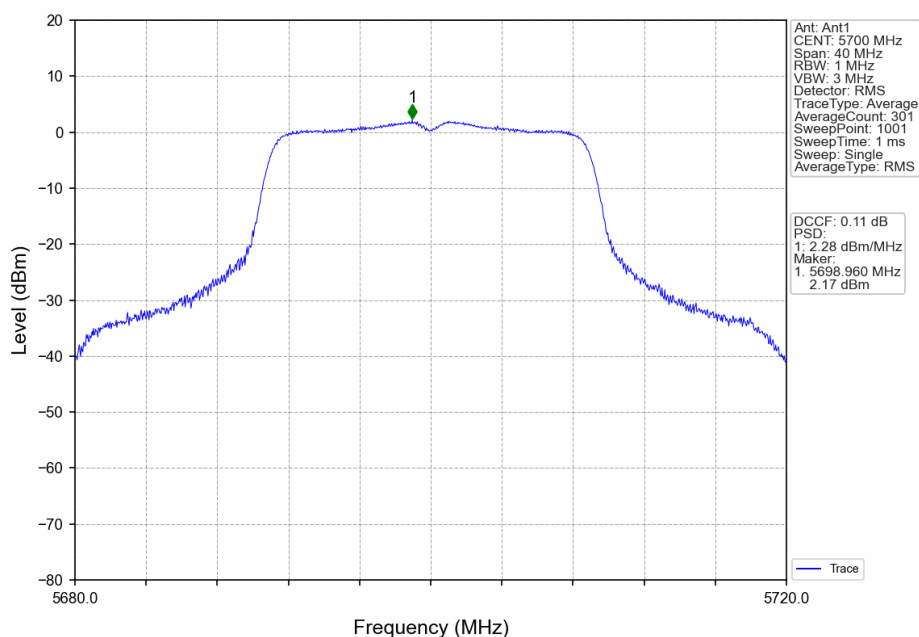
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



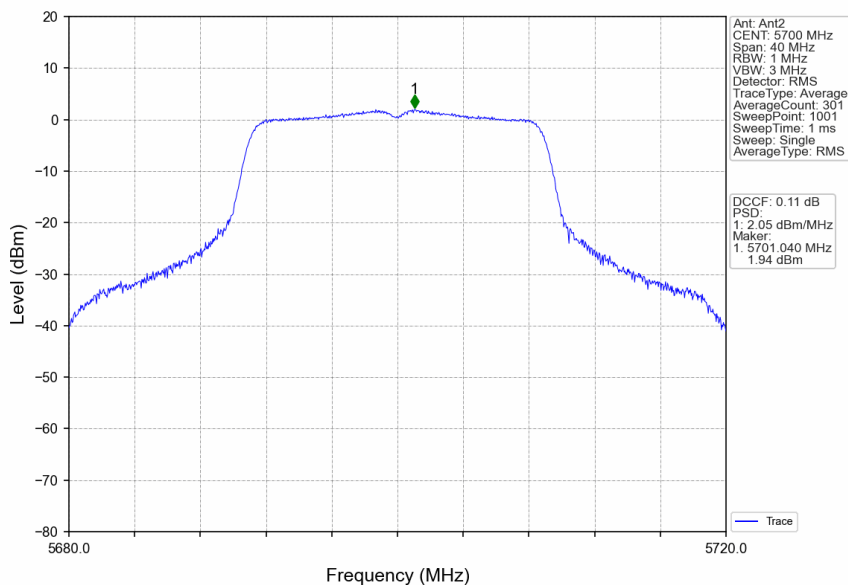
802.11n(HT20)_MCH_5580MHz_MIMO_NTNV



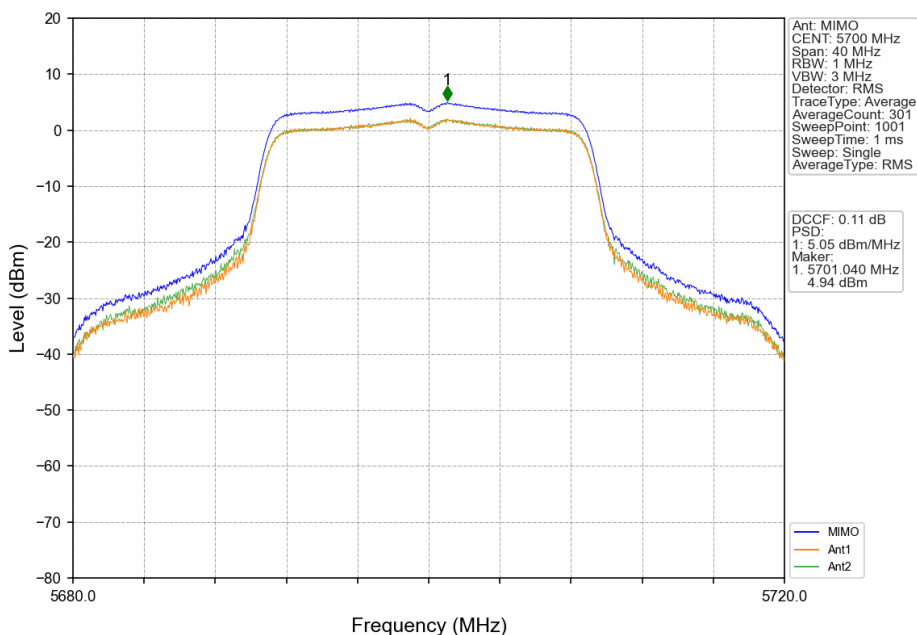
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



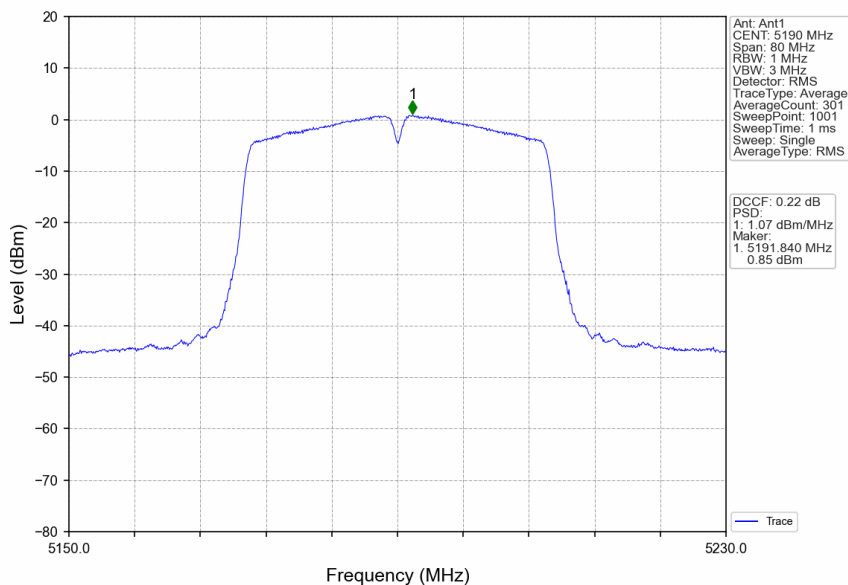
802.11n(HT20)_HCH_5700MHz_Ant2_NTNV



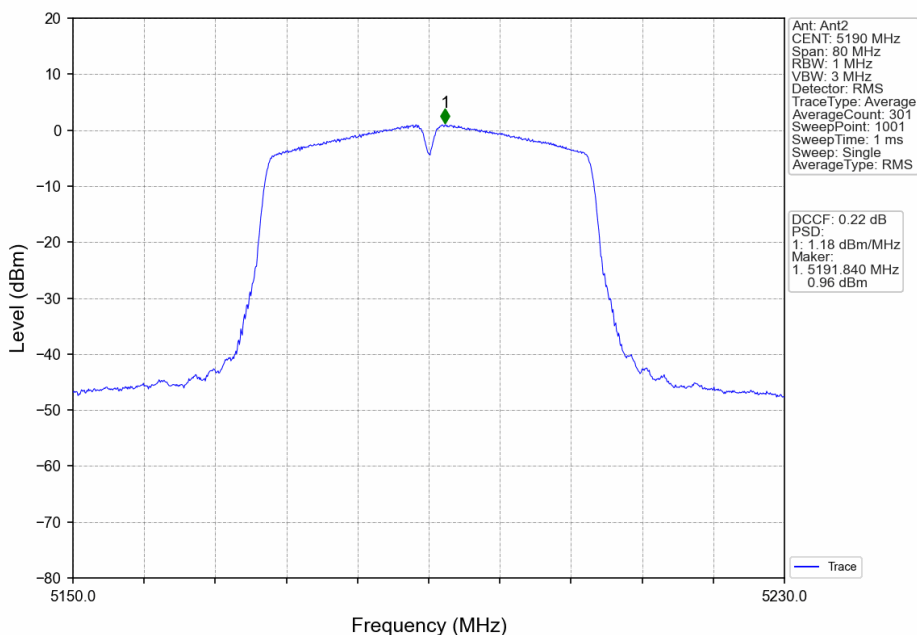
802.11n(HT20)_HCH_5700MHz_MIMO_NTNV



802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



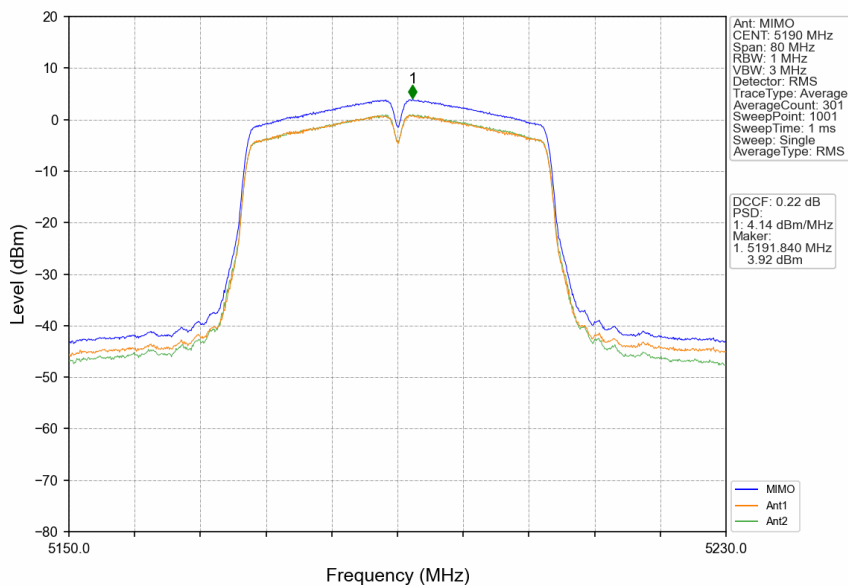
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

