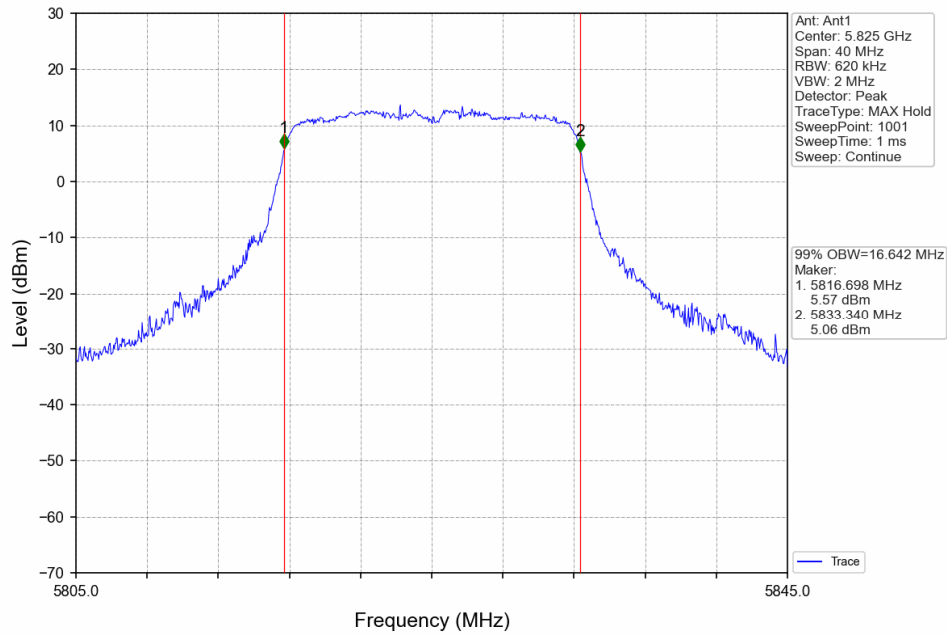
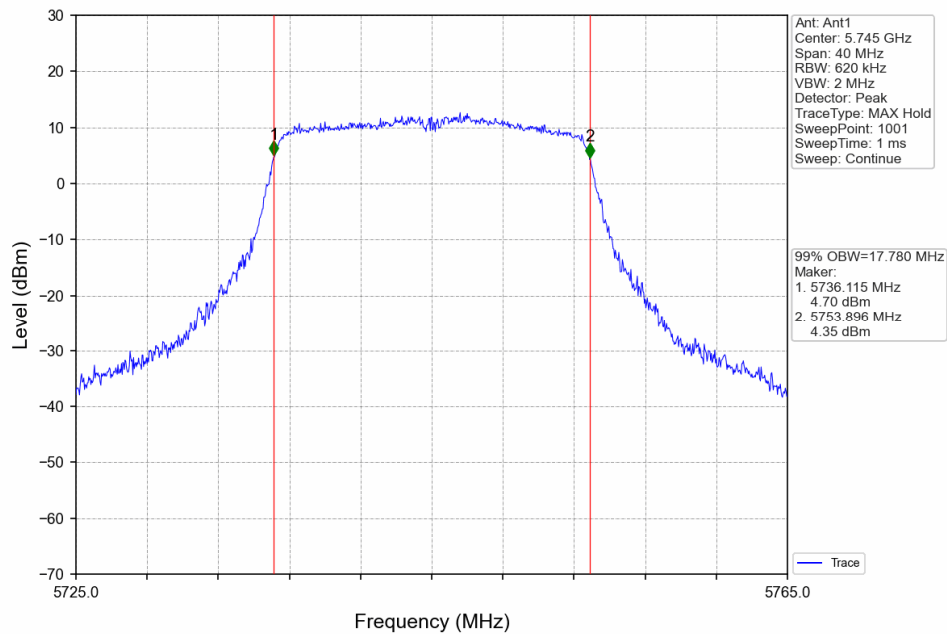


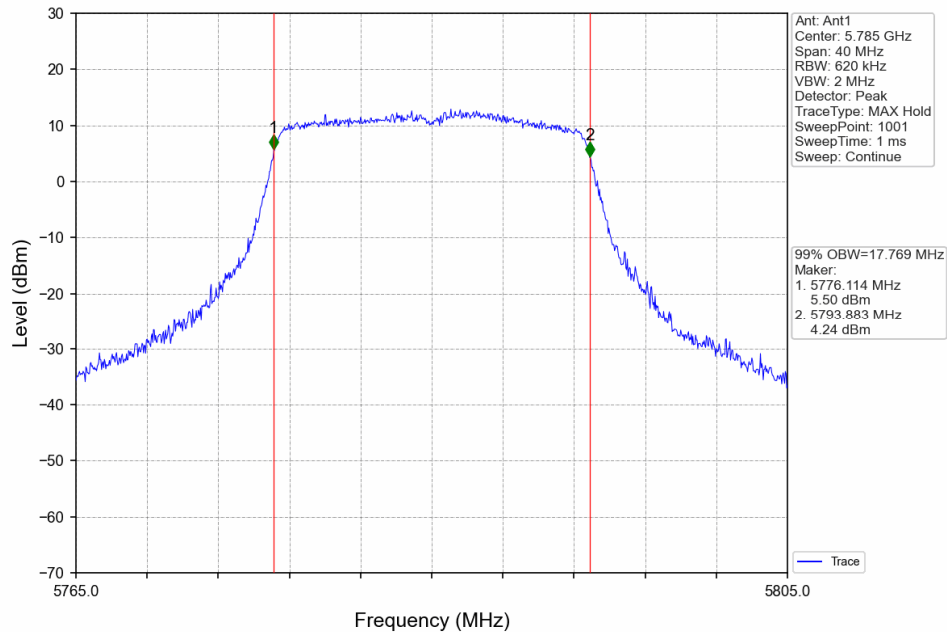
802.11a_HCH_5825MHz_Ant1_NTNV



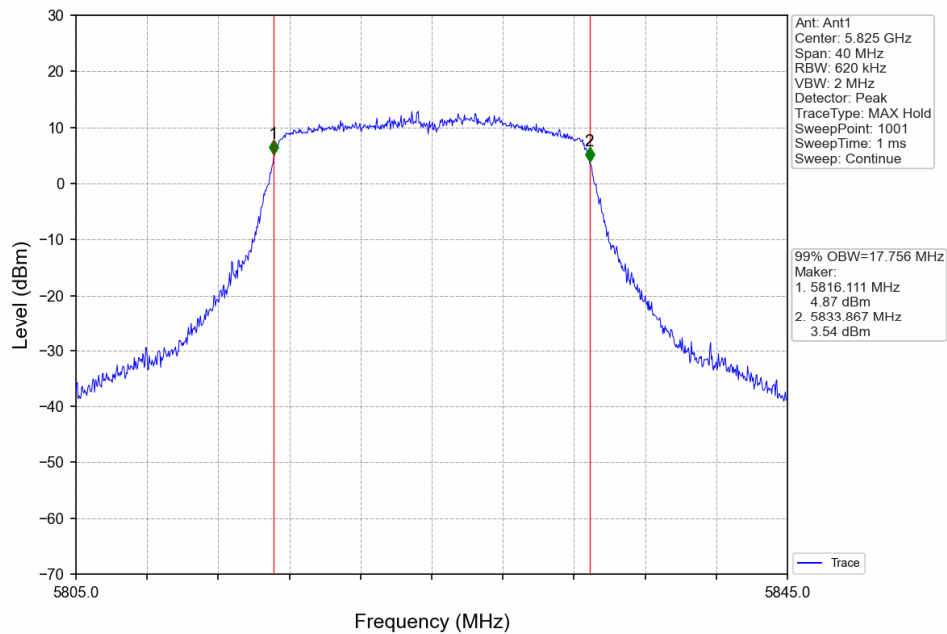
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



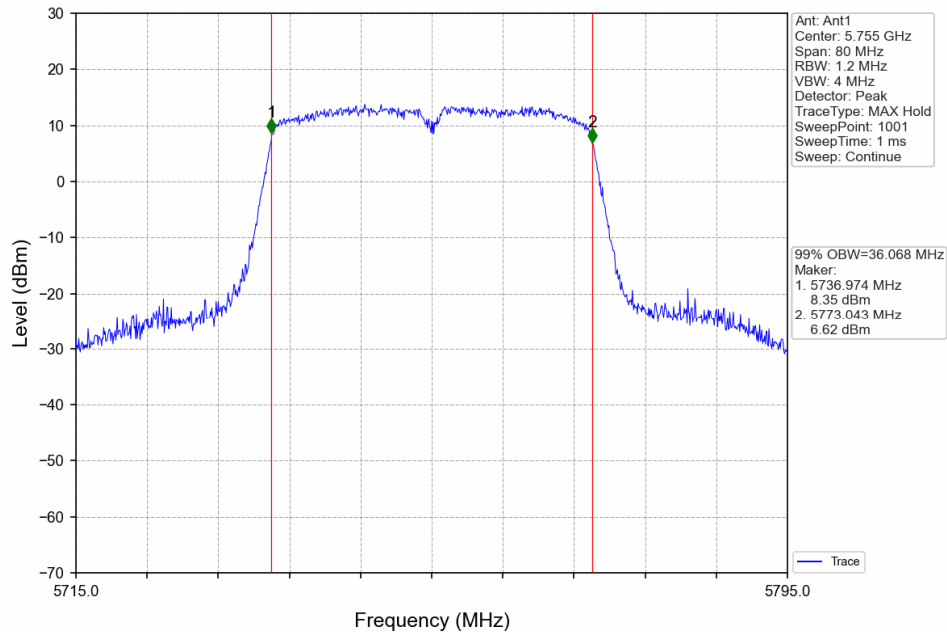
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



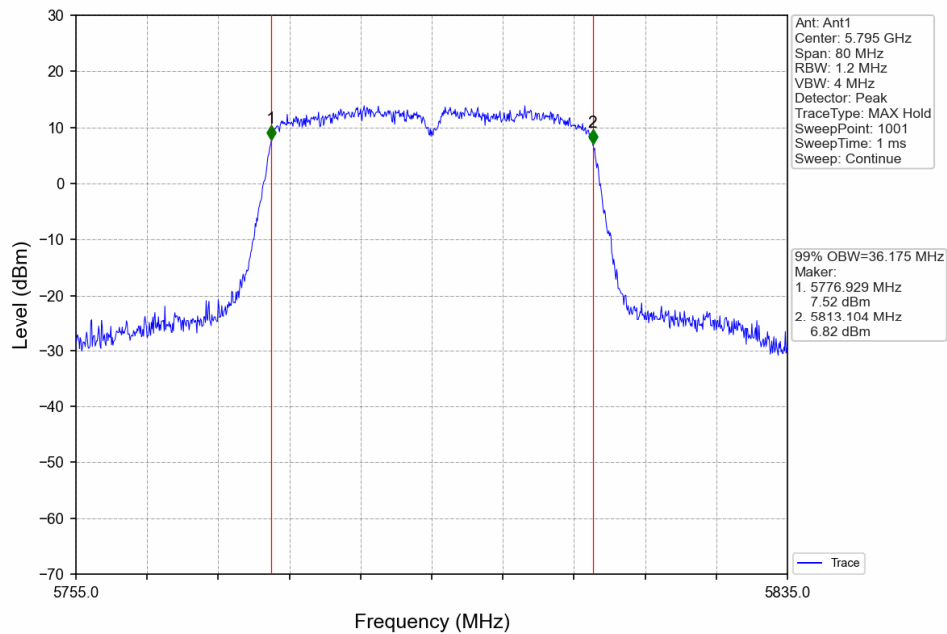
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



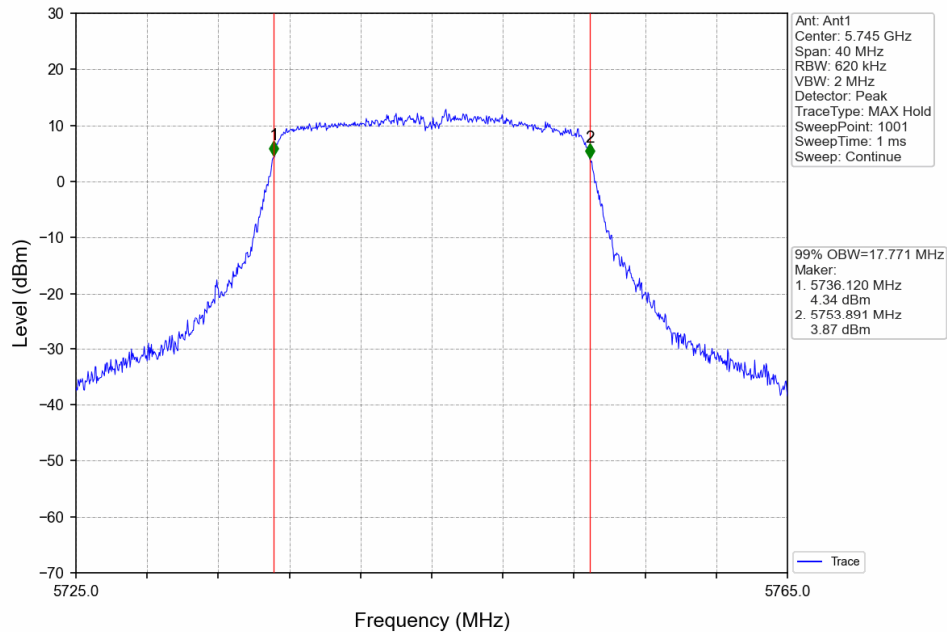
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



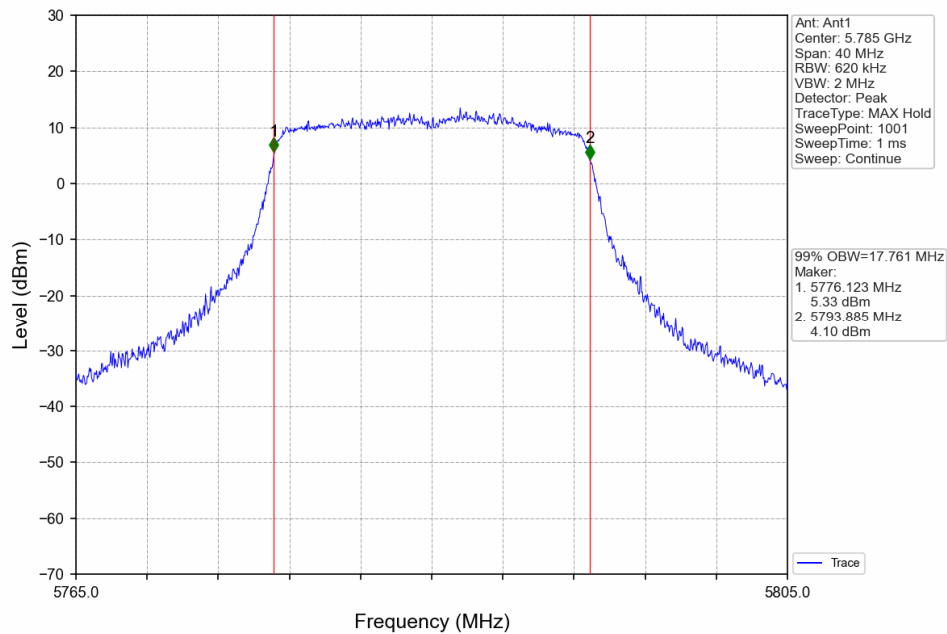
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



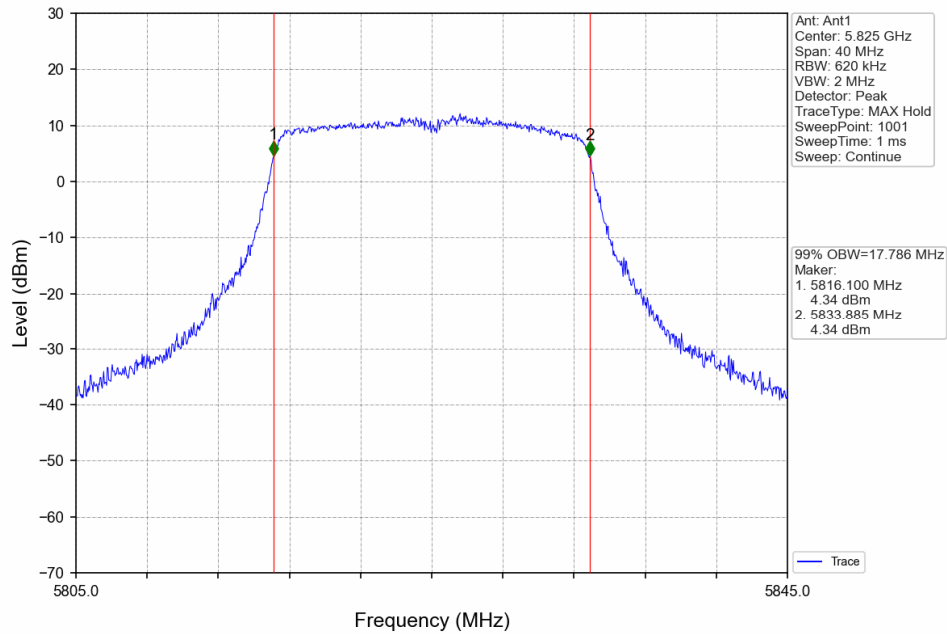
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



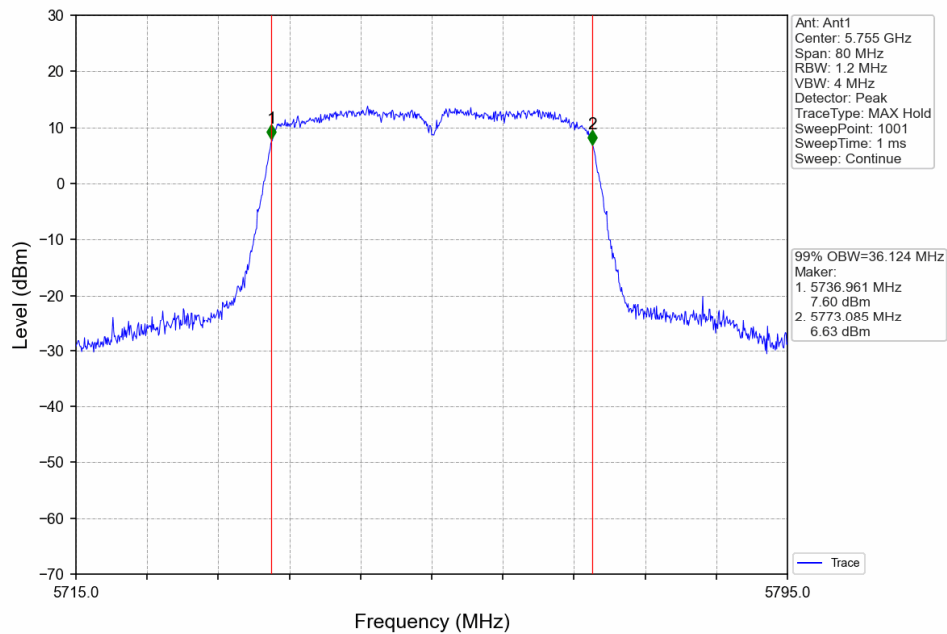
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



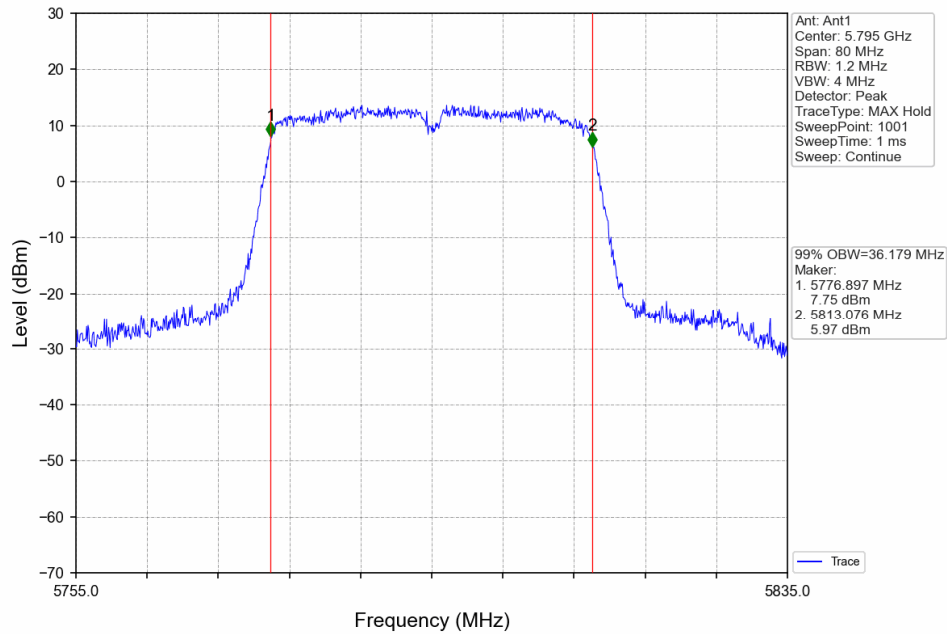
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



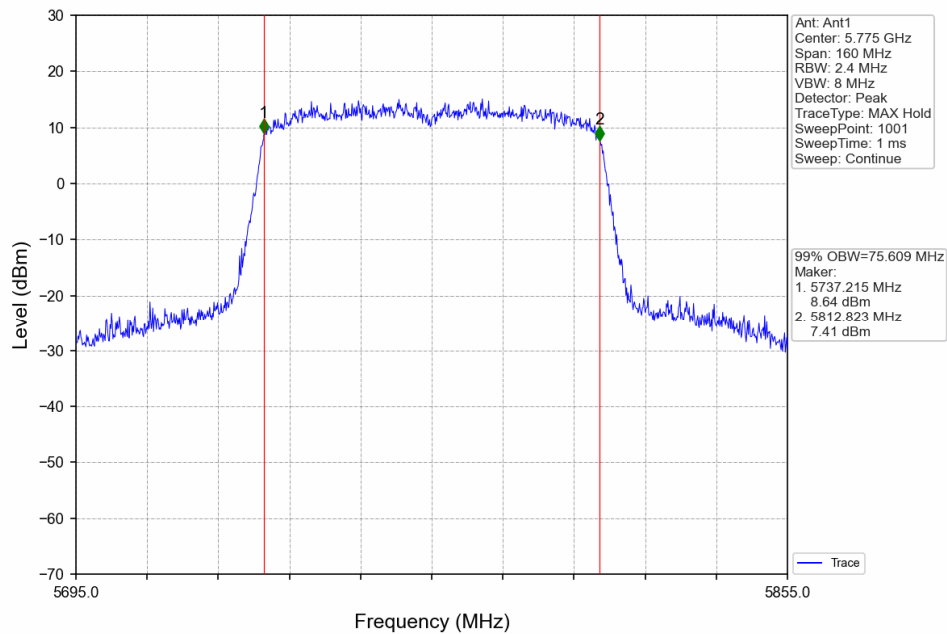
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



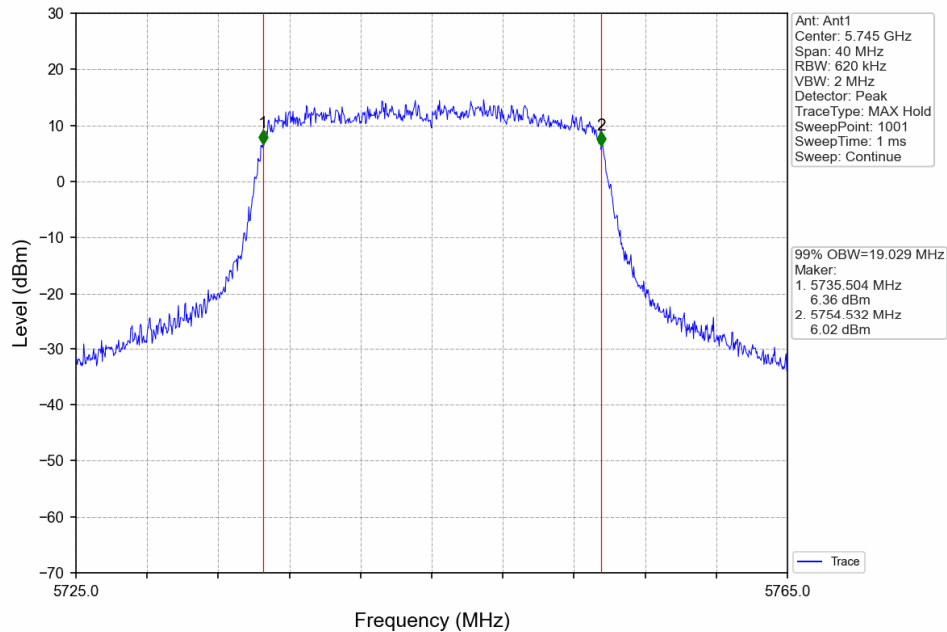
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



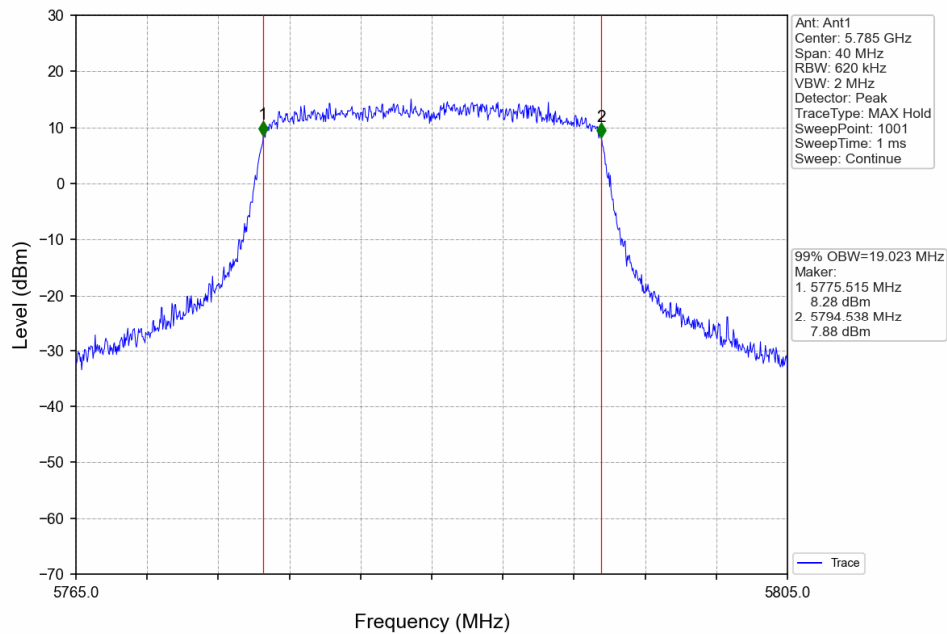
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



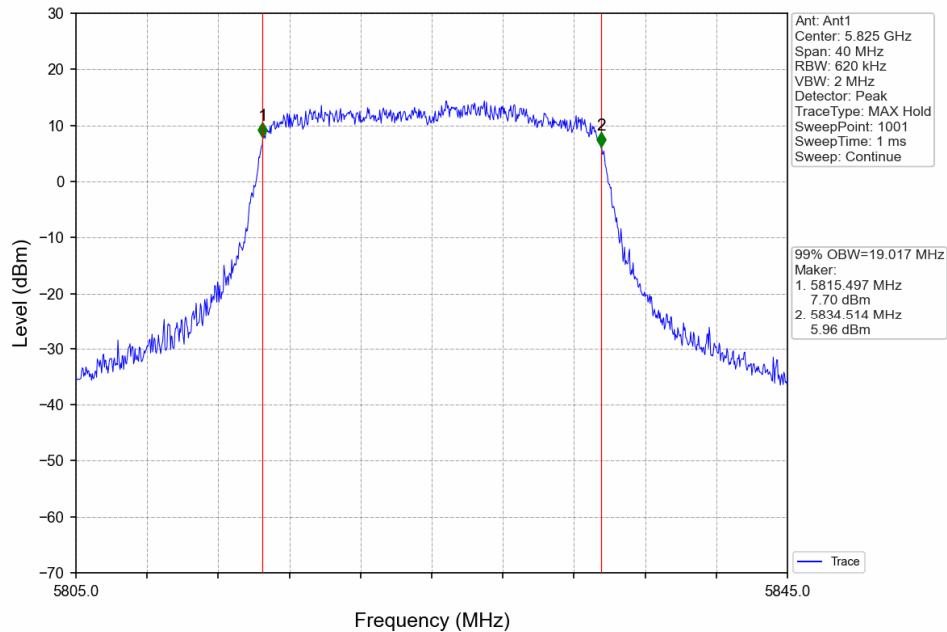
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



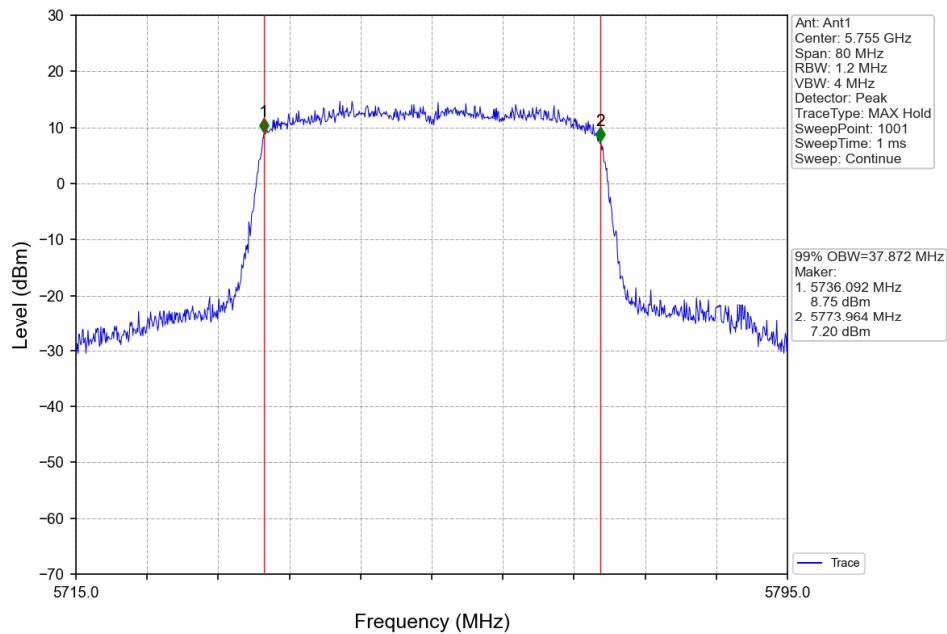
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



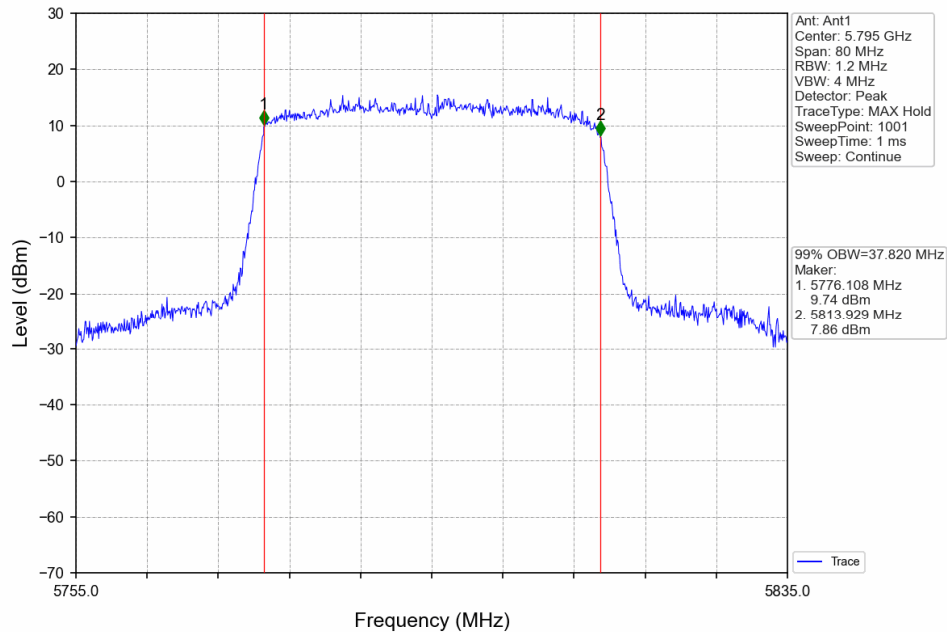
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



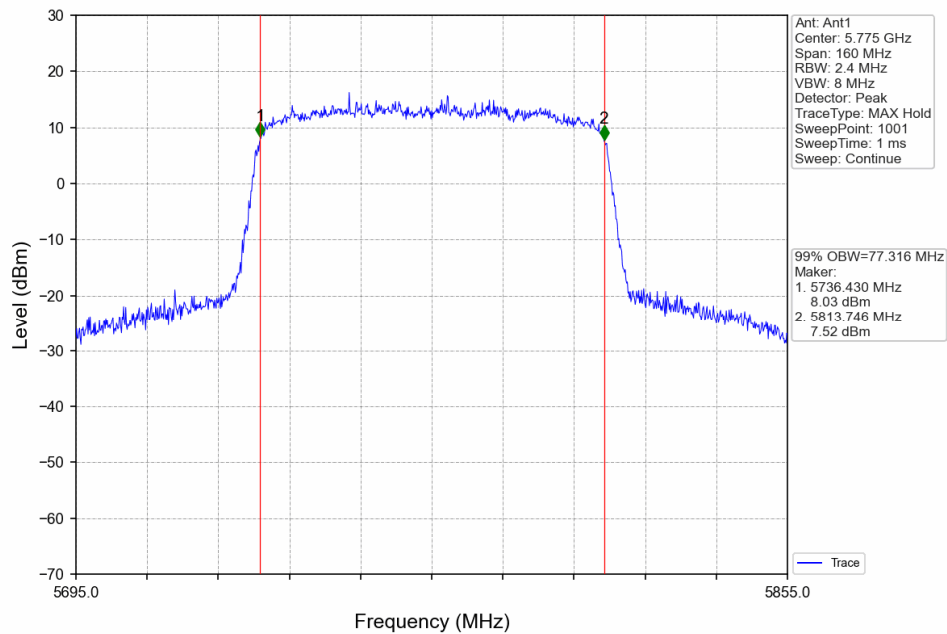
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV

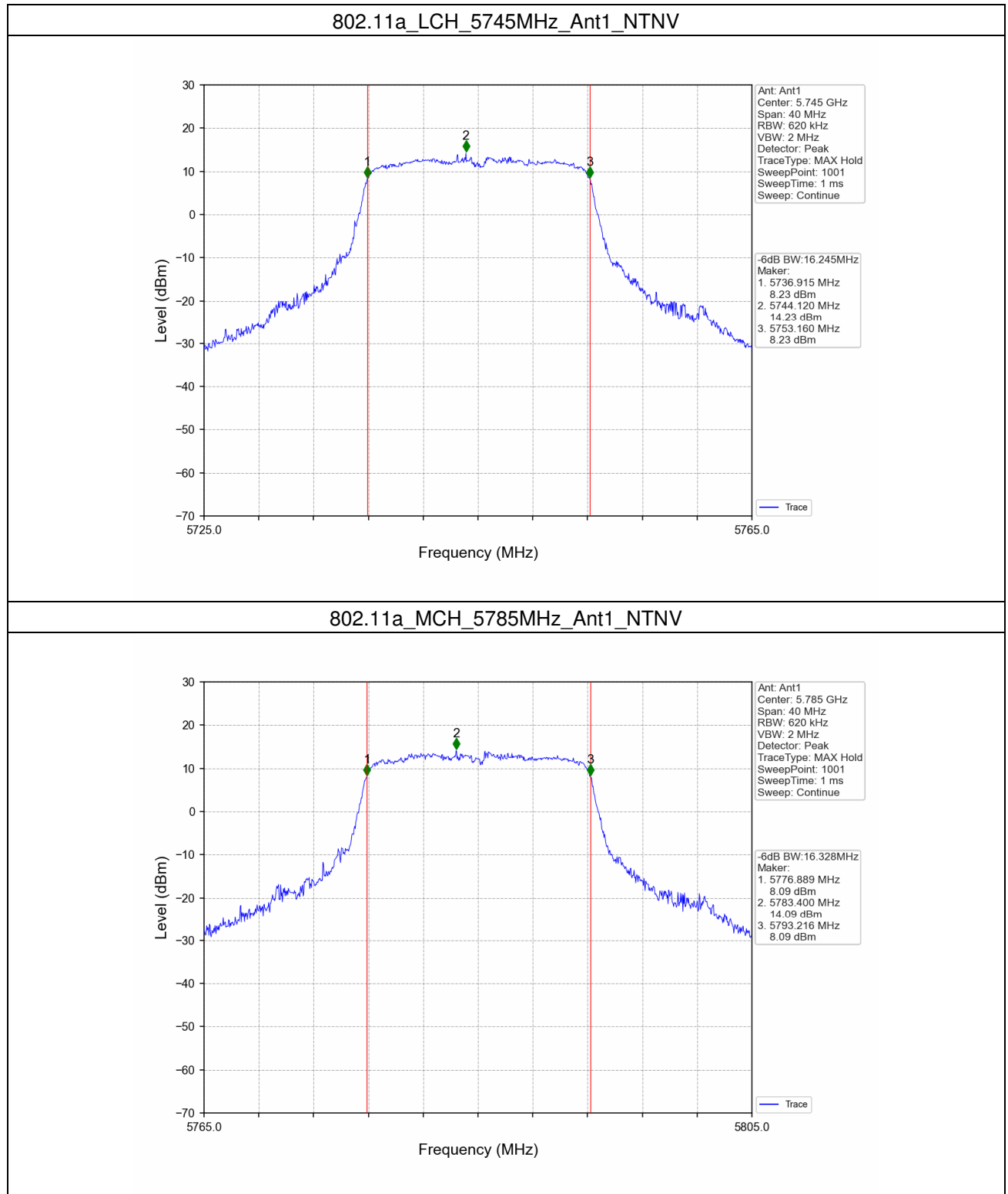


2.2 6dB BW

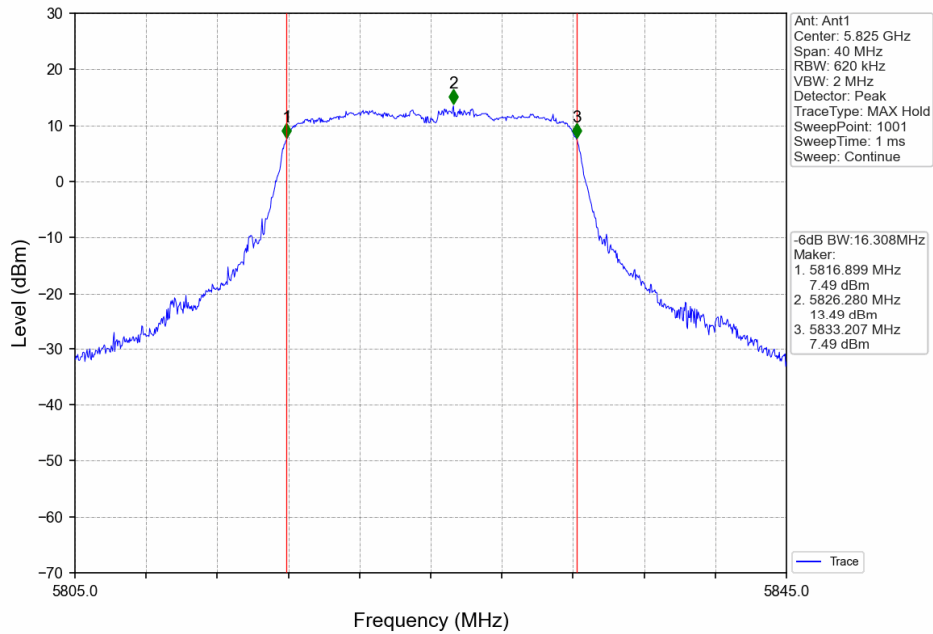
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Ant	6dB Bandwidth (MHz)	Limit	Verdict
802.11a	SISO	5745	/	/	1	16.25	>=0.5	Pass
		5785	/	/	1	16.33	>=0.5	Pass
		5825	/	/	1	16.31	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	17.37	>=0.5	Pass
		5785	/	/	1	17.34	>=0.5	Pass
		5825	/	/	1	17.27	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	35.86	>=0.5	Pass
		5795	/	/	1	35.87	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	17.30	>=0.5	Pass
		5785	/	/	1	17.28	>=0.5	Pass
		5825	/	/	1	17.21	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	35.92	>=0.5	Pass
		5795	/	/	1	35.87	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	74.18	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	18.68	>=0.5	Pass
		5785	RU242	Left	1	18.80	>=0.5	Pass
		5825	RU242	Left	1	18.34	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	37.35	>=0.5	Pass
		5795	RU484	Left	1	37.27	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	76.44	>=0.5	Pass

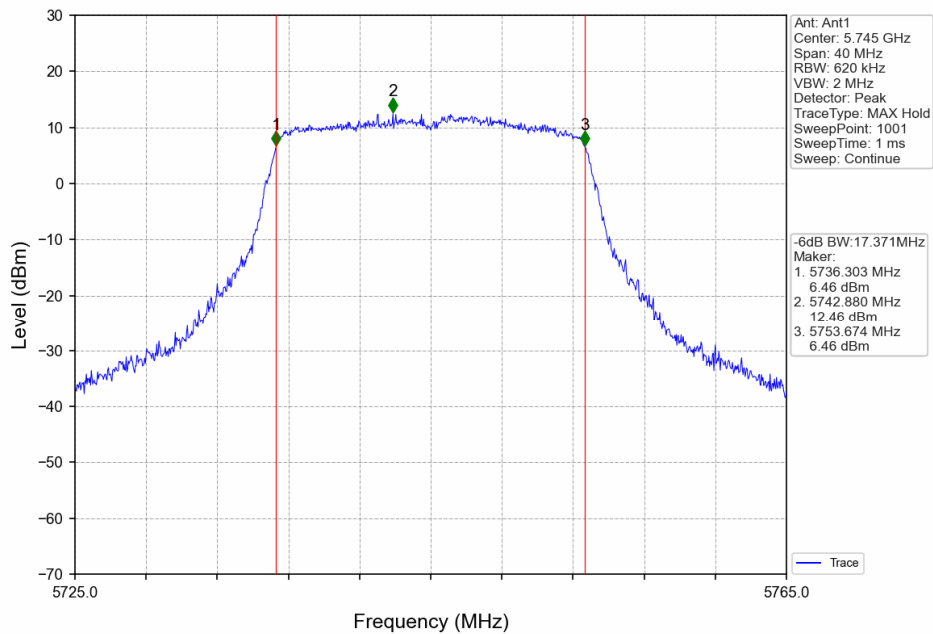
2.2.2 Test Graph



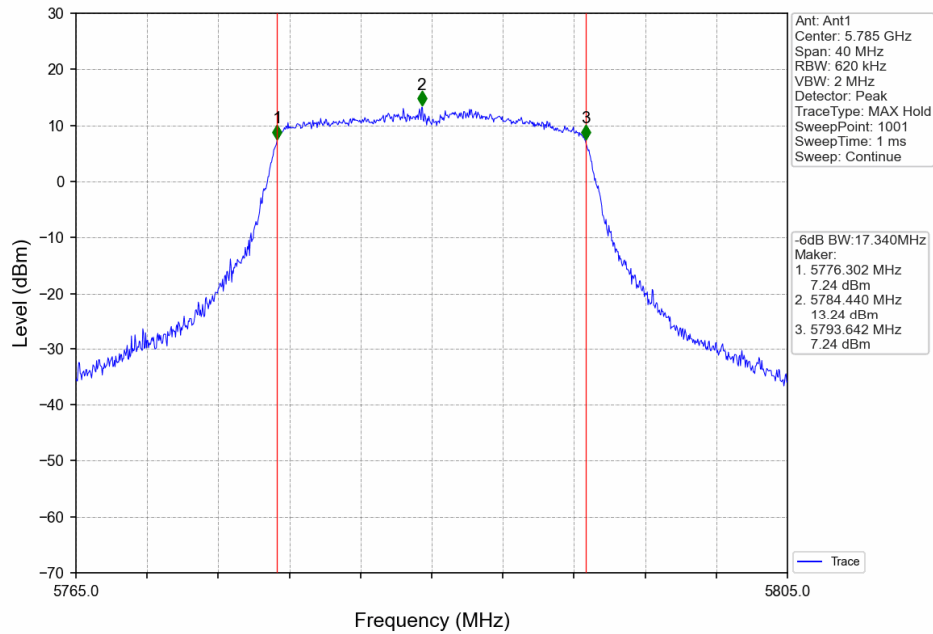
802.11a_HCH_5825MHz_Ant1_NTNV



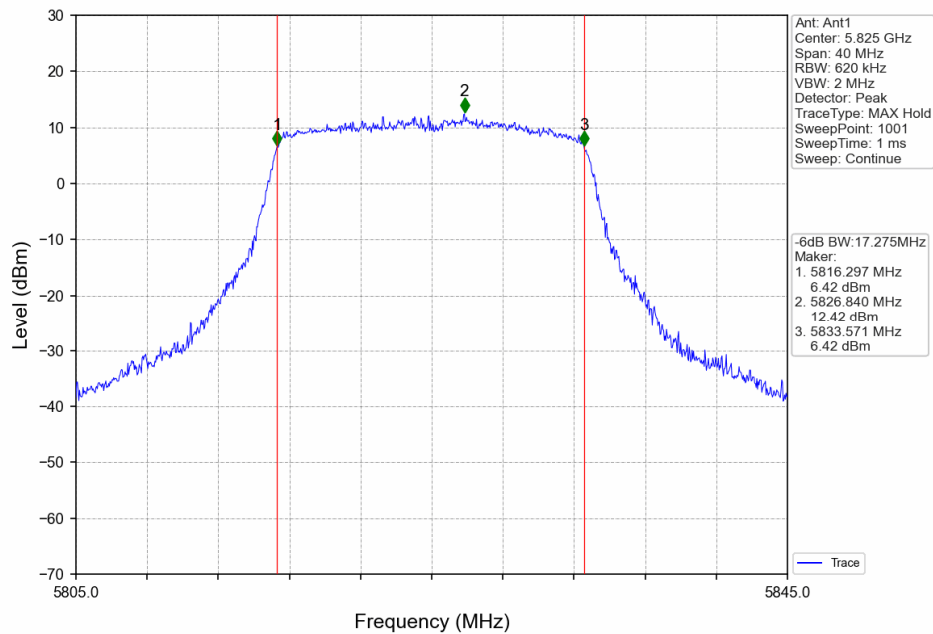
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



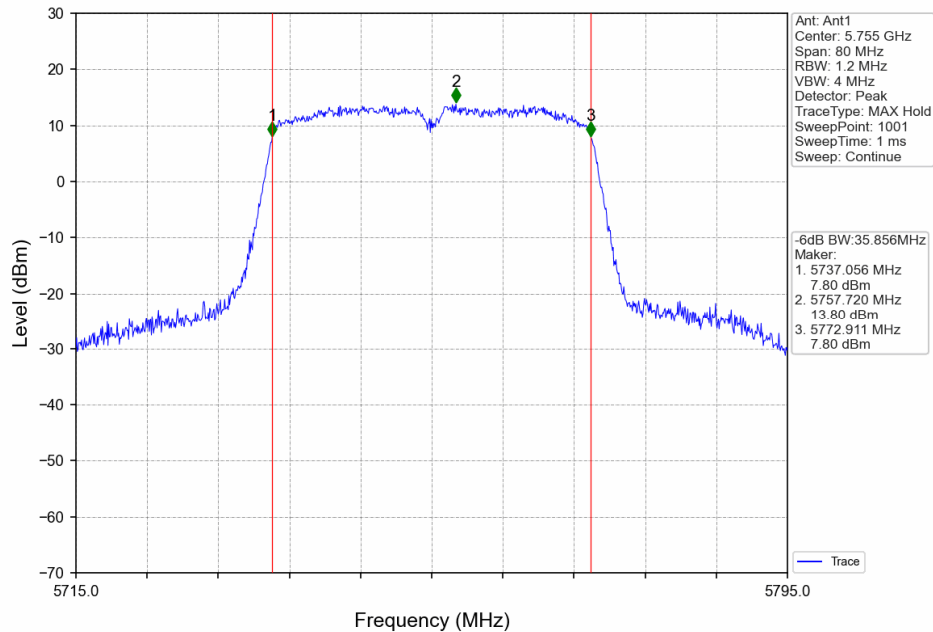
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



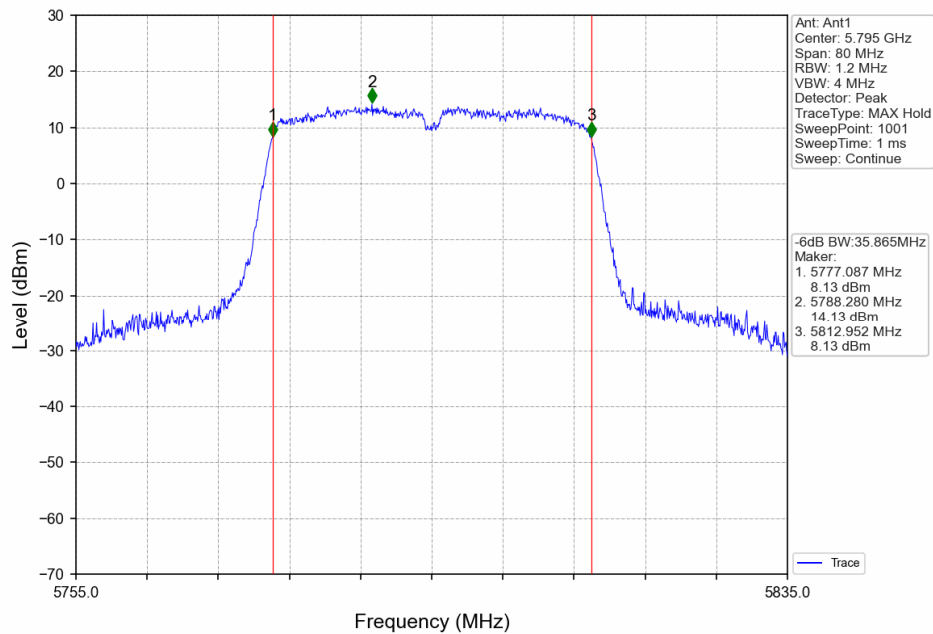
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



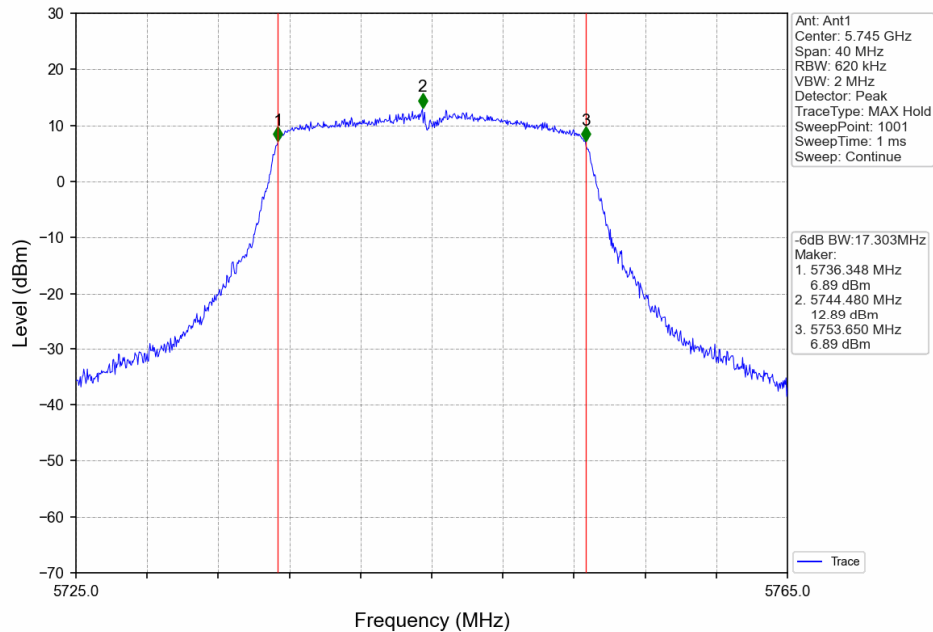
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



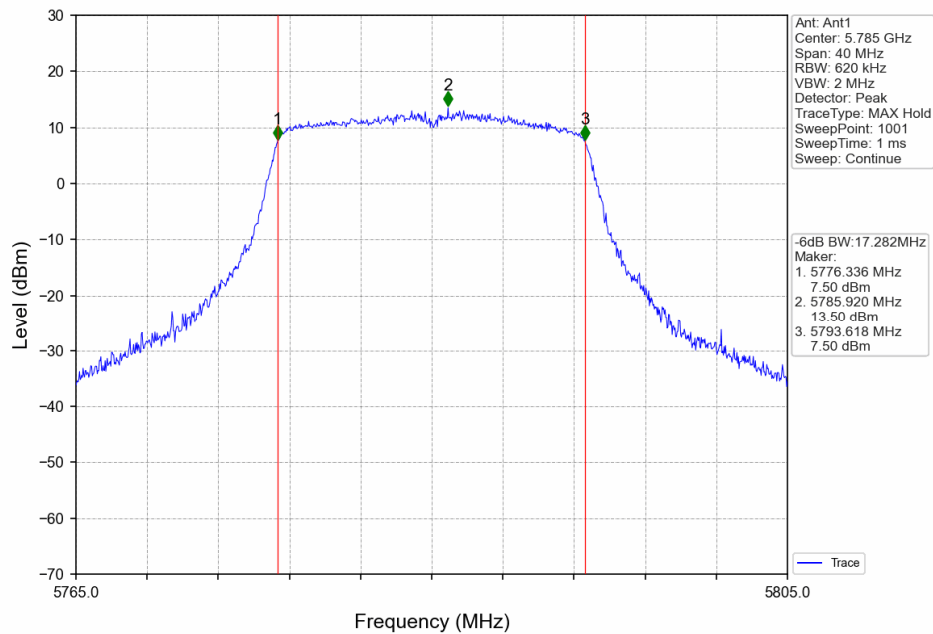
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



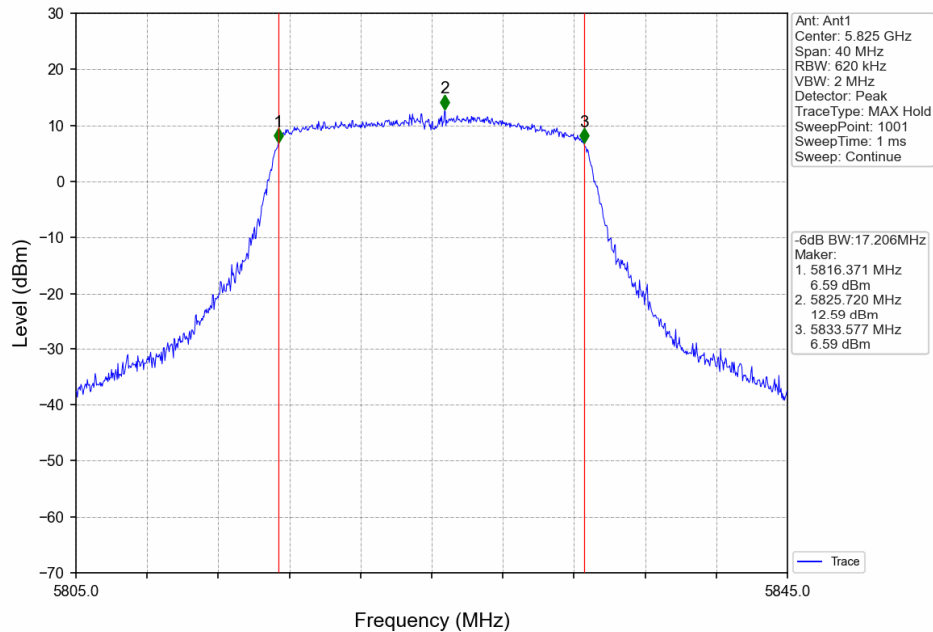
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



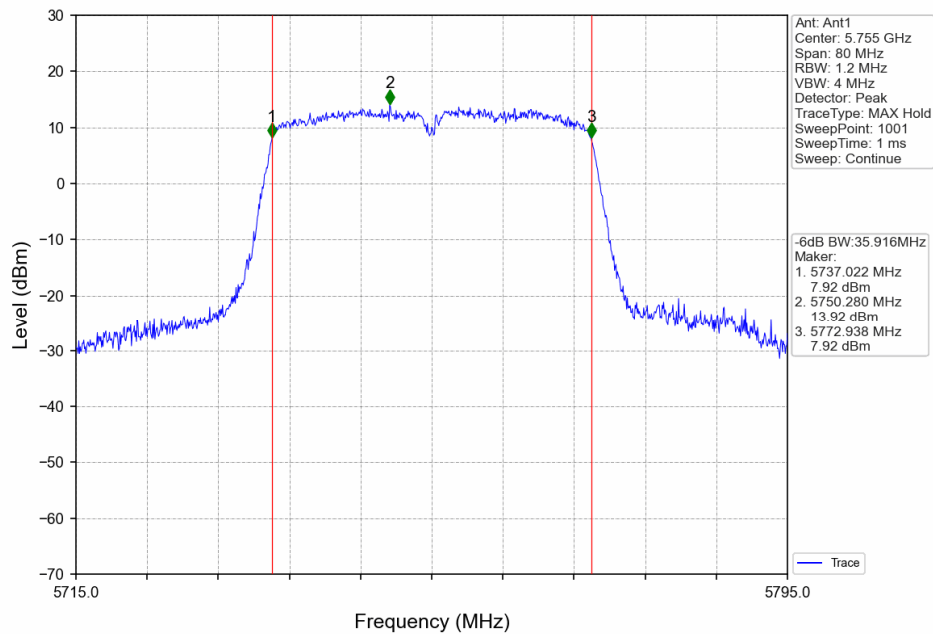
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



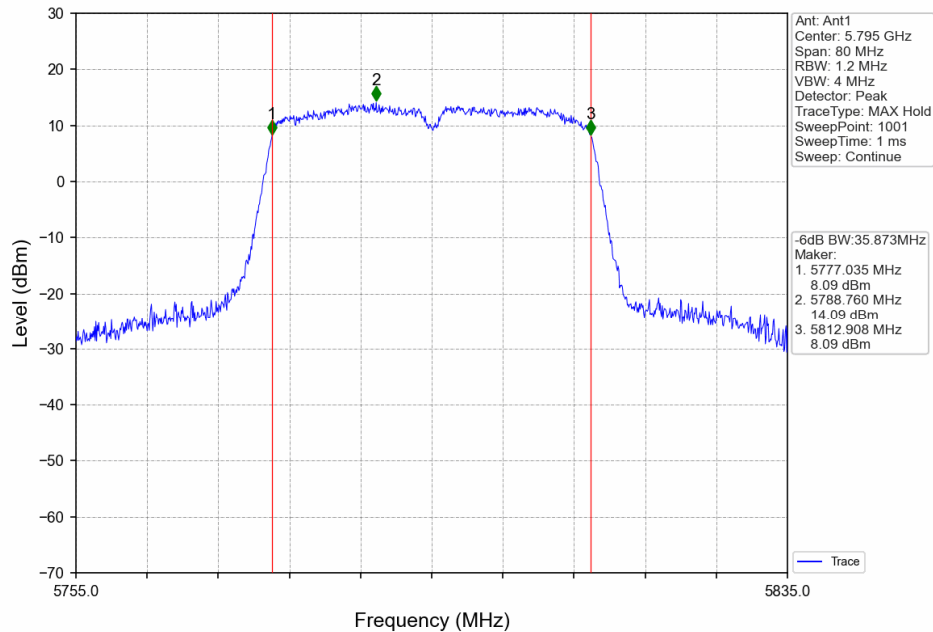
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



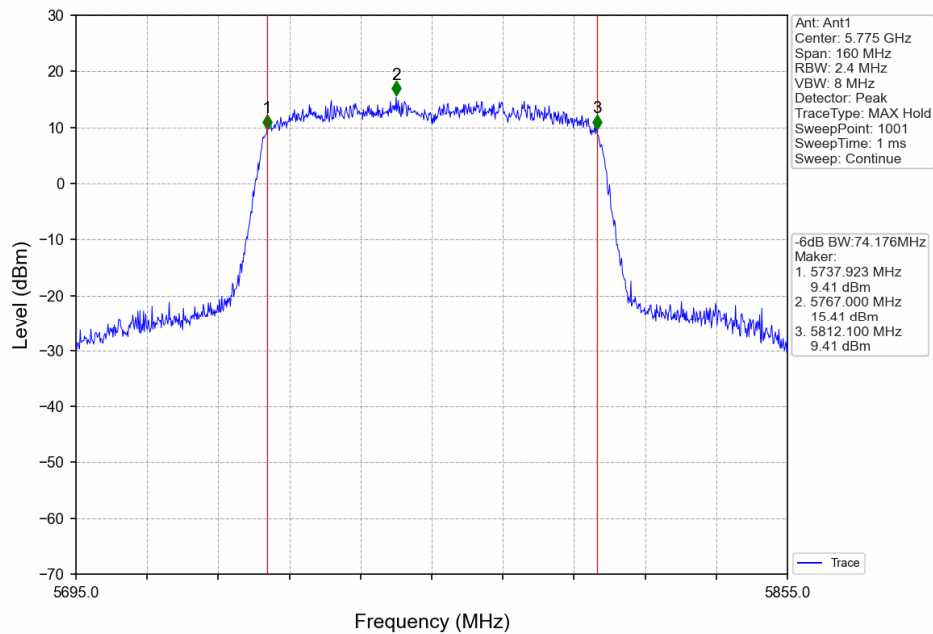
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



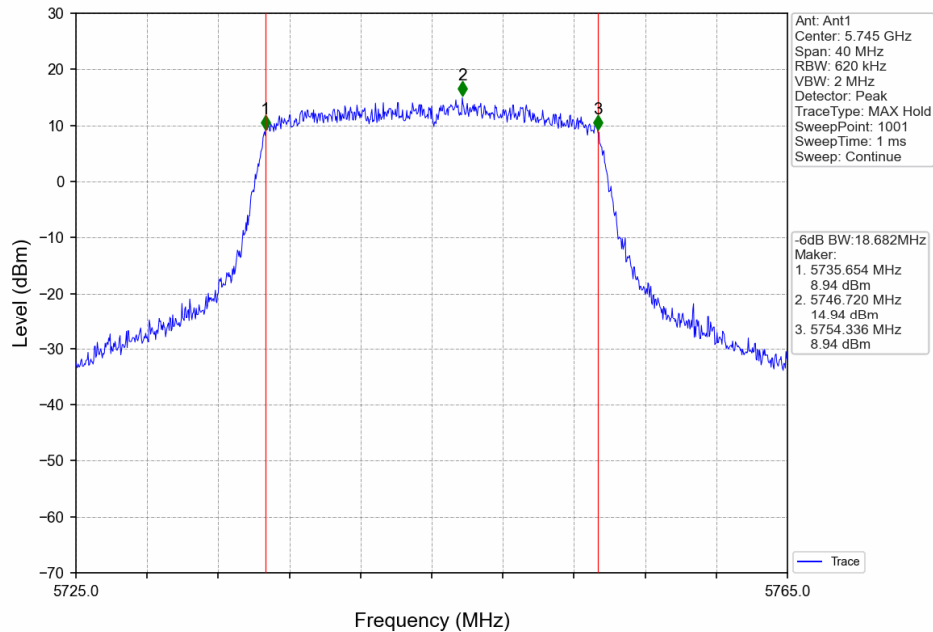
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



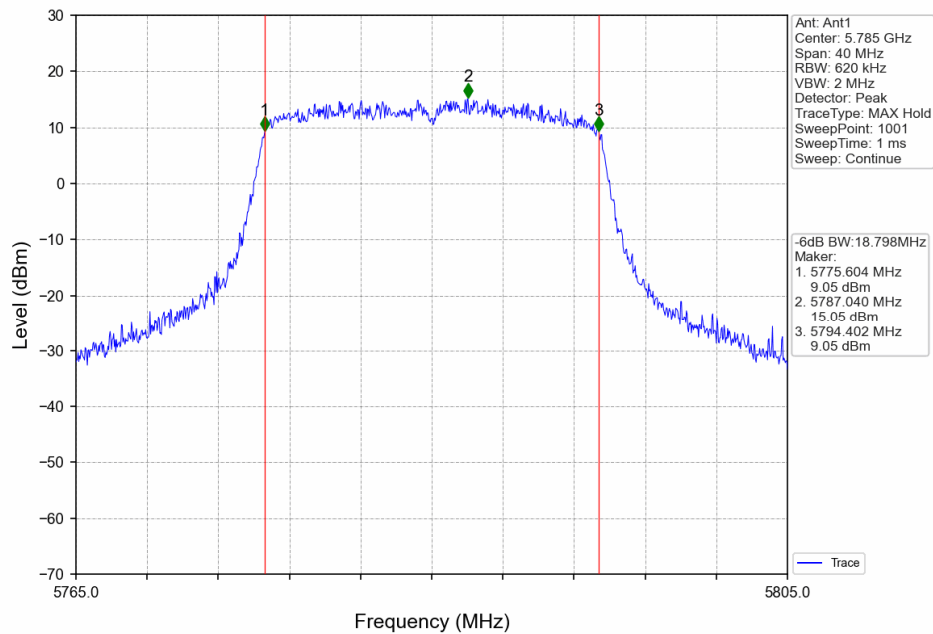
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



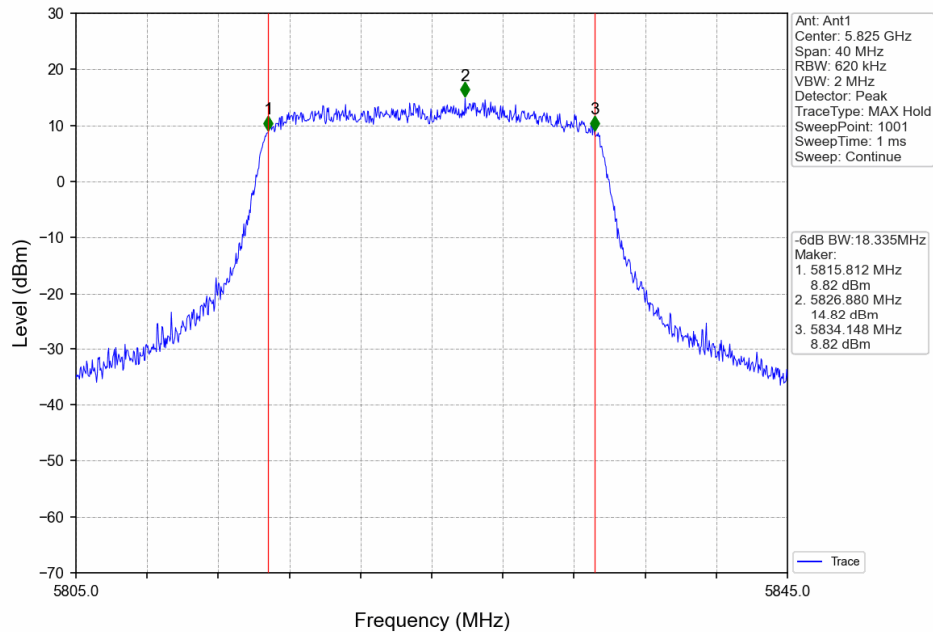
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



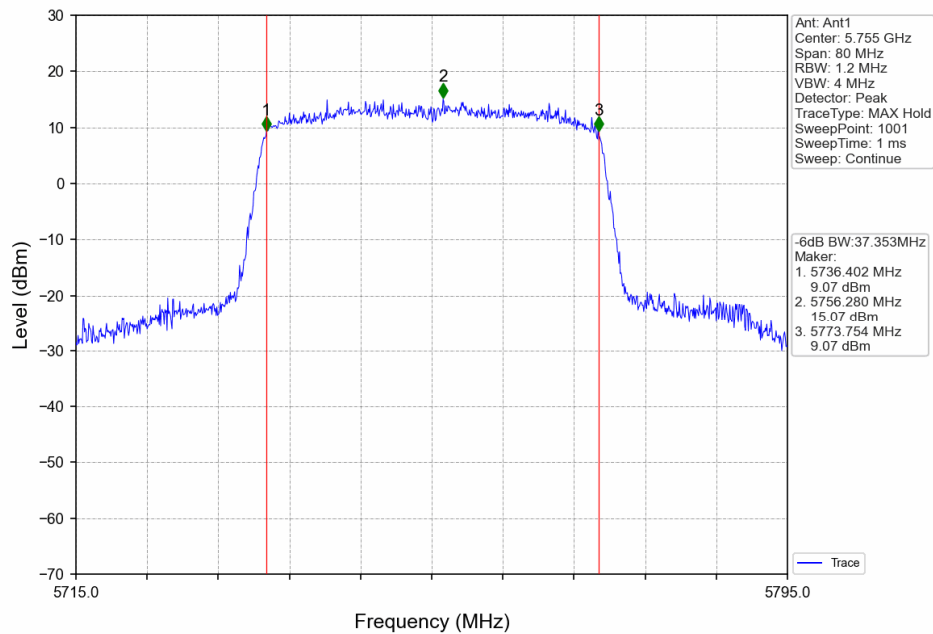
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



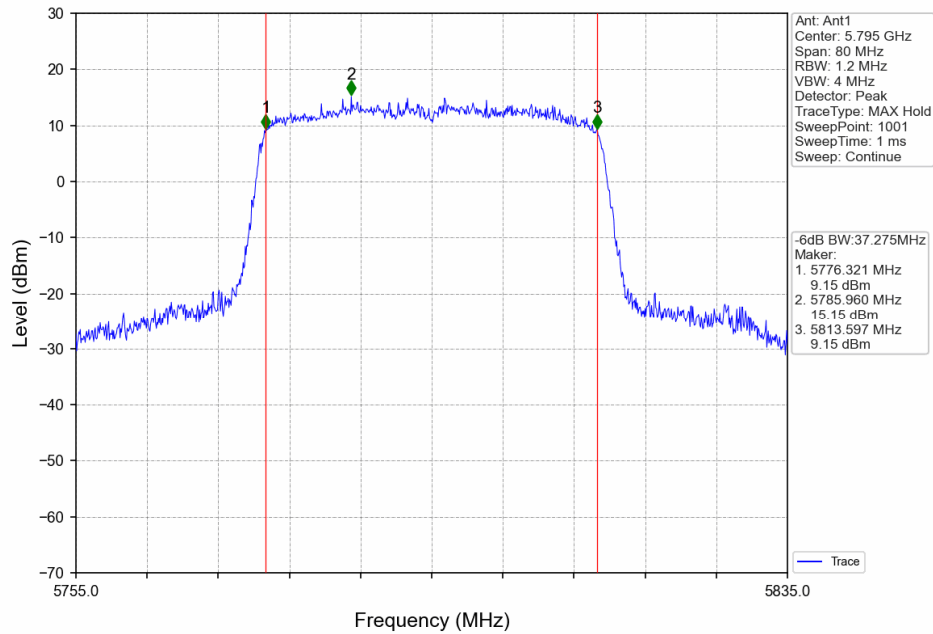
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



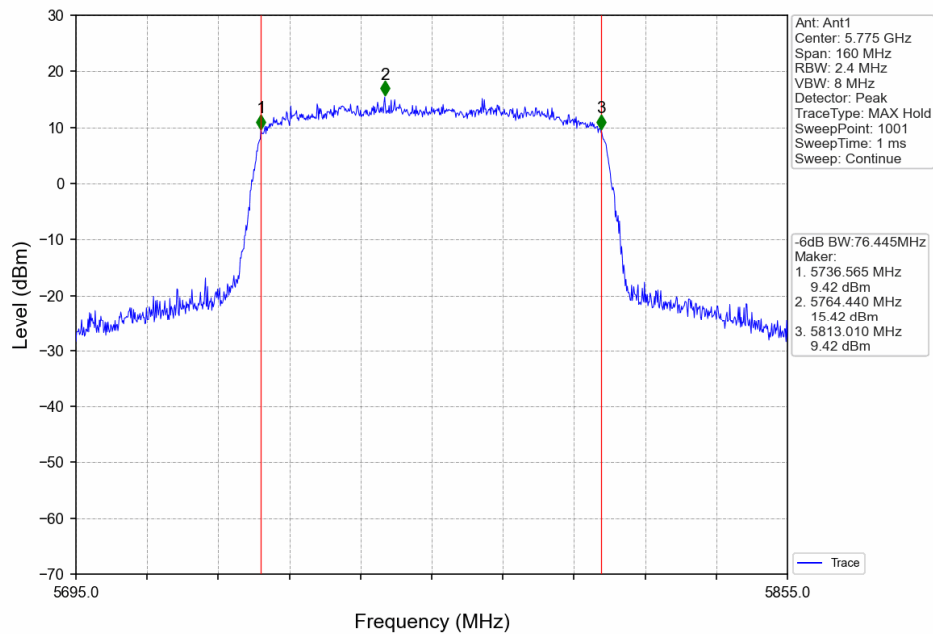
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_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	Measured Peak Output Power (dBm)			Limit (dBm)	Verdict
					Ant1	Ant2	Sum		
802.11a	SISO	5745	/	/	19.11	19.20	/	30	Pass
		5785	/	/	19.31	19.06	/	30	Pass
		5825	/	/	18.92	19.04	/	30	Pass
802.11n (HT20)	MIMO	5745	/	/	17.56	17.84	20.71	29.99	Pass
		5785	/	/	17.83	17.56	20.71	29.99	Pass
		5825	/	/	17.52	17.81	20.68	29.99	Pass
802.11n (HT40)	MIMO	5755	/	/	18.12	18.26	21.20	29.99	Pass
		5795	/	/	18.20	18.12	21.17	29.99	Pass
802.11ac (VHT20)	MIMO	5745	/	/	17.56	17.83	20.71	29.99	Pass
		5785	/	/	18.00	17.92	20.97	29.99	Pass
		5825	/	/	17.75	17.90	20.84	29.99	Pass
802.11ac (VHT40)	MIMO	5755	/	/	18.00	18.41	21.22	29.99	Pass
		5795	/	/	18.28	18.31	21.31	29.99	Pass
802.11ac (VHT80)	MIMO	5775	/	/	17.92	18.20	21.07	29.99	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	17.55	18.05	20.82	29.99	Pass
		5785	RU242	Left	17.99	17.87	20.94	29.99	Pass
		5825	RU242	Left	17.88	18.09	21.00	29.99	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	17.65	18.11	20.90	29.99	Pass
		5795	RU484	Left	17.87	17.94	20.92	29.99	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	17.99	17.99	21.00	29.99	Pass

Note1: Antenna Gain: 1: 3.00dBi; 2: 3.00dBi;
Note2: Directional Gain= $G_{Ant}+10\log(N_{Ant})$ dBi = $3.0+10\log(2)$ dBi = 6.01dBi.

3.2 EIRP

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)			Limit (dBm)	Verdict
					Ant1	Ant2	Sum		
802.11a	SISO	5745	/	/	22.11	22.20	/	36	Pass
		5785	/	/	22.31	22.06	/	36	Pass
		5825	/	/	21.92	22.04	/	36	Pass
802.11n (HT20)	MIMO	5745	/	/	20.56	20.84	23.71	35.99	Pass
		5785	/	/	20.83	20.56	23.71	35.99	Pass
		5825	/	/	20.52	20.81	23.68	35.99	Pass
802.11n (HT40)	MIMO	5755	/	/	21.12	21.26	24.20	35.99	Pass
		5795	/	/	21.20	21.12	24.17	35.99	Pass
802.11ac (VHT20)	MIMO	5745	/	/	20.56	20.83	23.71	35.99	Pass
		5785	/	/	21.00	20.92	23.97	35.99	Pass
		5825	/	/	20.75	20.90	23.84	35.99	Pass
802.11ac (VHT40)	MIMO	5755	/	/	21.00	21.41	24.22	35.99	Pass
		5795	/	/	21.28	21.31	24.31	35.99	Pass
802.11ac (VHT80)	MIMO	5775	/	/	20.92	21.20	24.07	35.99	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	20.55	21.05	23.82	35.99	Pass
		5785	RU242	Left	20.99	20.87	23.94	35.99	Pass
		5825	RU242	Left	20.88	21.09	24.00	35.99	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	20.65	21.11	23.90	35.99	Pass
		5795	RU484	Left	20.87	20.94	23.92	35.99	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	20.99	20.99	24.00	35.99	Pass

Note1: Antenna Gain: 1: 3.00dBi; 2: 3.00dBi;
Note2: E.I.R.P = Measured Power + Antenna Gain
Note3: Directional Gain=G_{Ant}+10log (N_{Ant}) dBi = 3.0+10log (2) dBi = 6.01dBi

4. Maximum Power Spectral Density

4.1 PSD-Band3

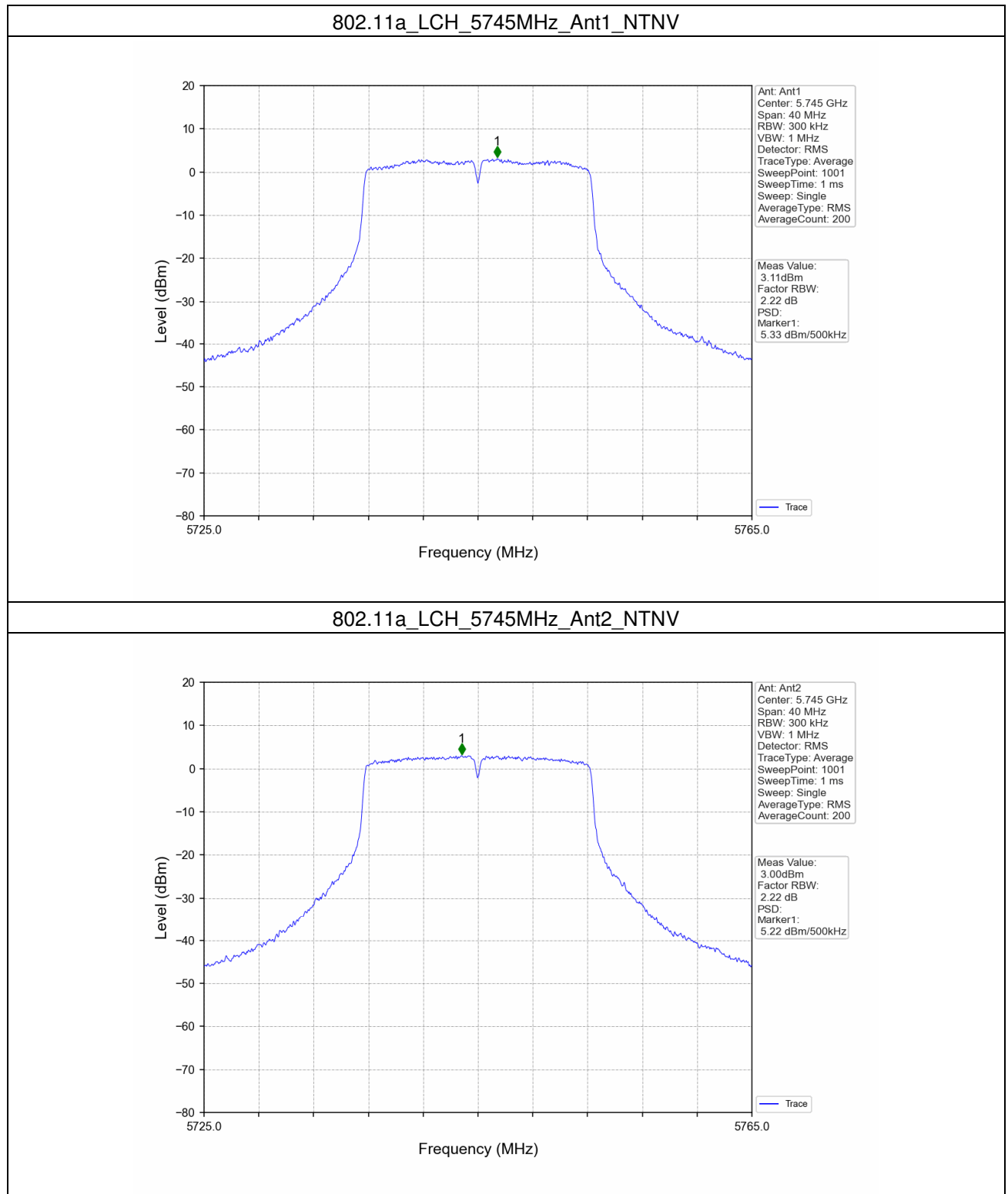
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)			Limit (dBm/500kHz)	Verdict
					Ant1	Ant2	Sum		
802.11a	SISO	5745	/	/	5.33	5.22	/	<=30	Pass
		5785	/	/	5.54	5.27	/	<=30	Pass
		5825	/	/	5.40	5.33	/	<=30	Pass
802.11n (HT20)	MIMO	5745	/	/	3.72	3.85	6.50	<=29.99	Pass
		5785	/	/	4.11	3.77	6.74	<=29.99	Pass
		5825	/	/	3.66	3.86	6.61	<=29.99	Pass
802.11n (HT40)	MIMO	5755	/	/	1.30	0.95	4.04	<=29.99	Pass
		5795	/	/	1.18	0.89	3.84	<=29.99	Pass
802.11ac (VHT20)	MIMO	5745	/	/	3.66	3.55	6.49	<=29.99	Pass
		5785	/	/	4.24	3.95	6.91	<=29.99	Pass
		5825	/	/	3.96	3.85	6.73	<=29.99	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1.11	1.30	3.93	<=29.99	Pass
		5795	/	/	1.31	1.07	4.00	<=29.99	Pass
802.11ac (VHT80)	MIMO	5775	/	/	-2.57	-2.28	0.43	<=29.99	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	3.53	3.77	6.35	<=29.99	Pass
		5785	RU242	Left	3.80	3.72	6.49	<=29.99	Pass
		5825	RU242	Left	4.00	3.76	6.81	<=29.99	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	0.63	0.64	3.50	<=29.99	Pass
		5795	RU484	Left	0.79	0.62	3.39	<=29.99	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	-2.62	-2.33	0.31	<=29.99	Pass

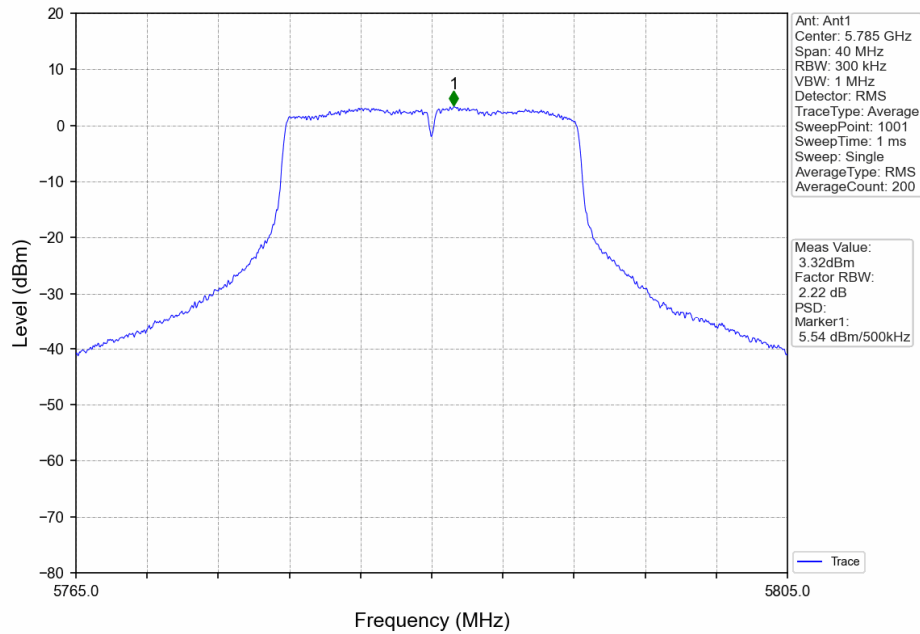
Note1: Antenna Gain: 1: 3.00dBi; 2: 3.00dBi;

Note2: Directional Gain= $G_{Ant}+10\log(N_{Ant})$ dBi = $3.0+10\log(2)$ dBi = 6.01dBi.

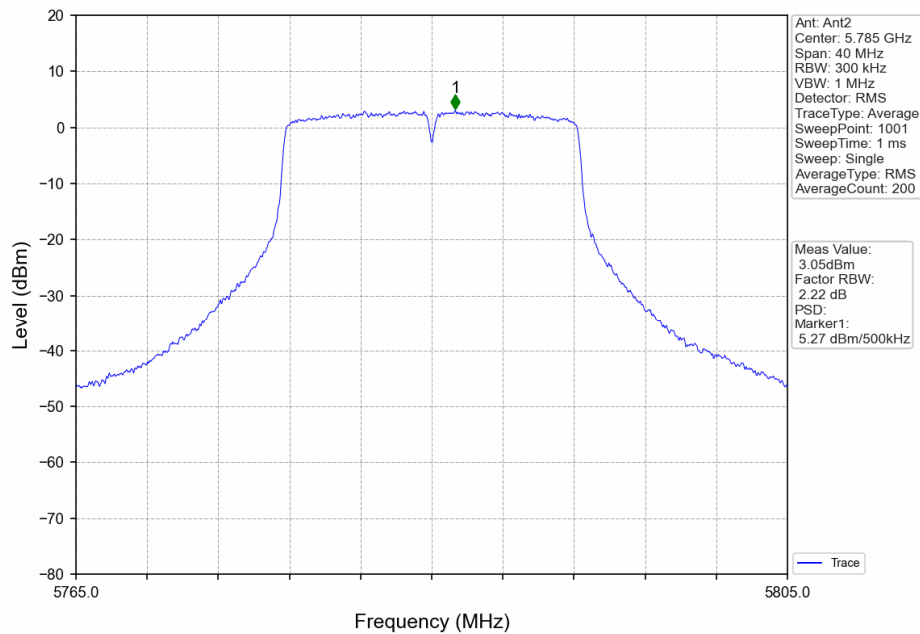
4.1.2 Test Graph



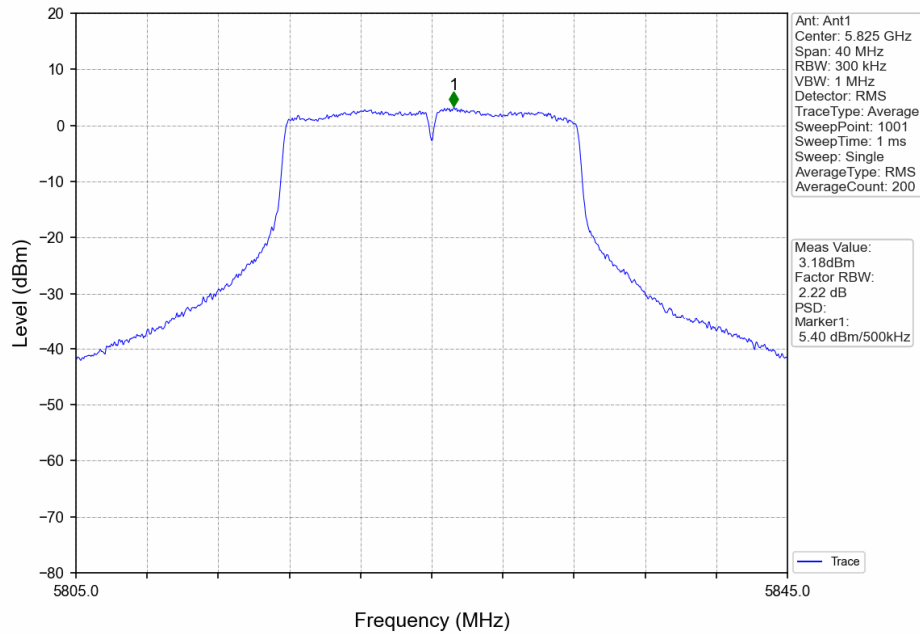
802.11a_MCH_5785MHz_Ant1_NTNV



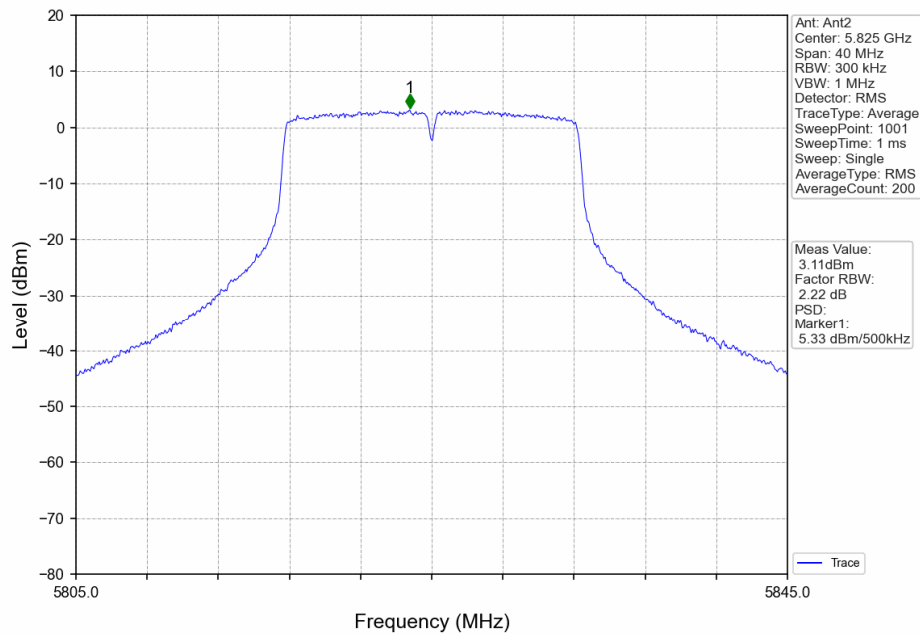
802.11a_MCH_5785MHz_Ant2_NTNV



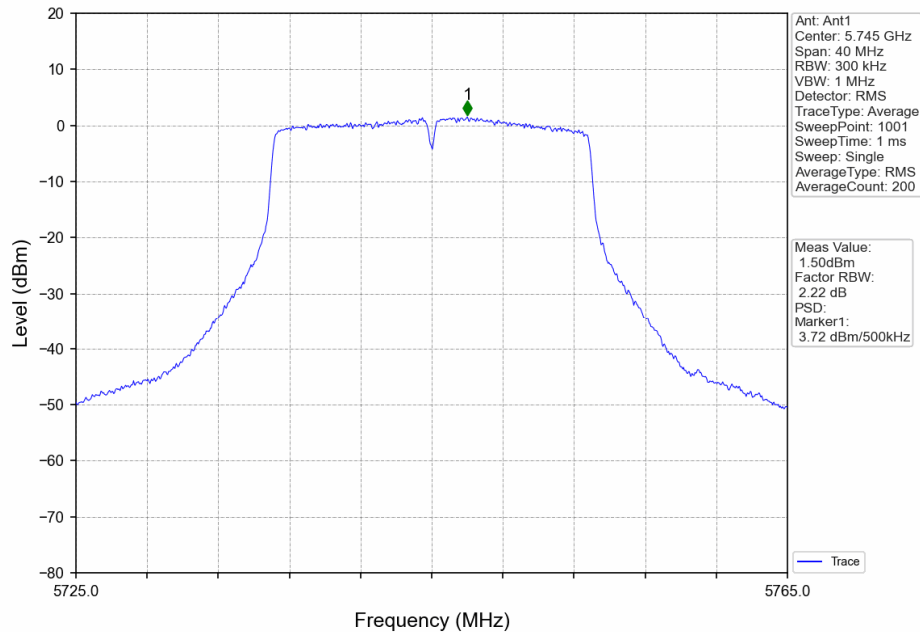
802.11a_HCH_5825MHz_Ant1_NTNV



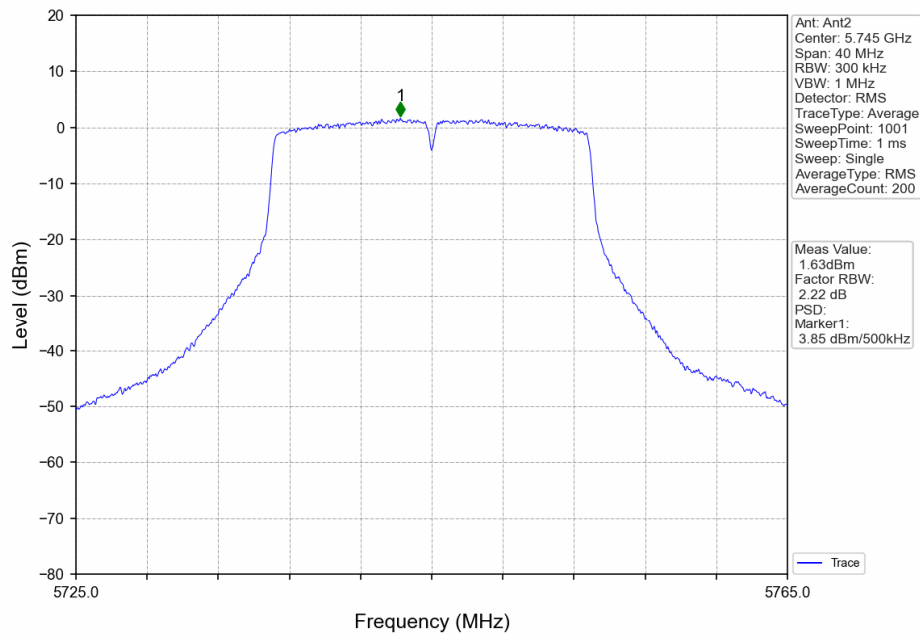
802.11a_HCH_5825MHz_Ant2_NTNV



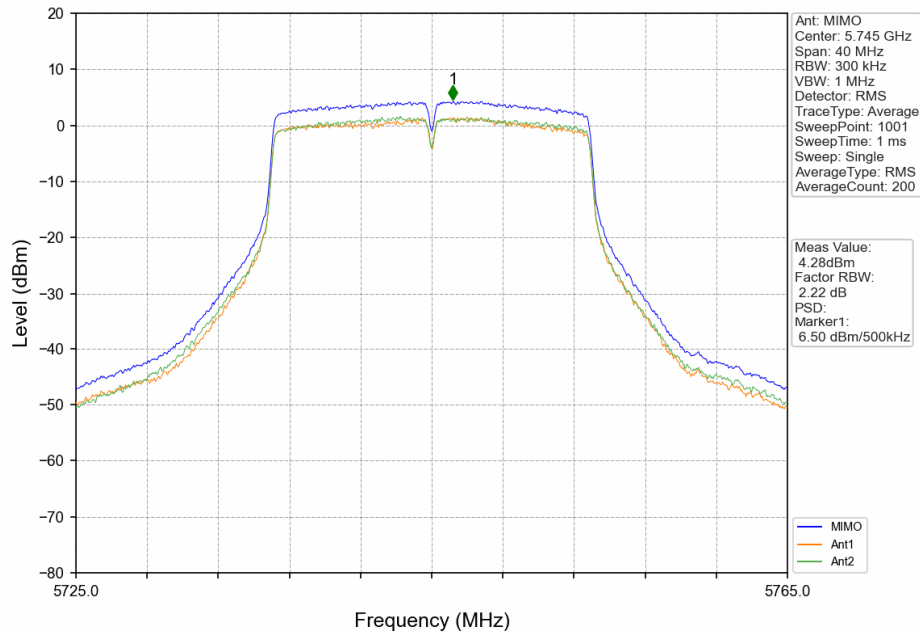
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



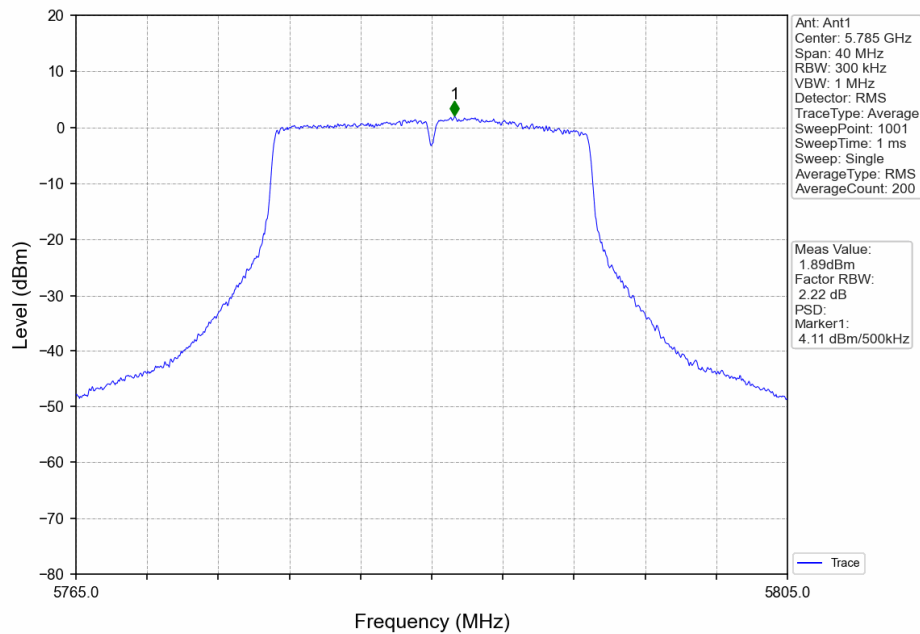
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



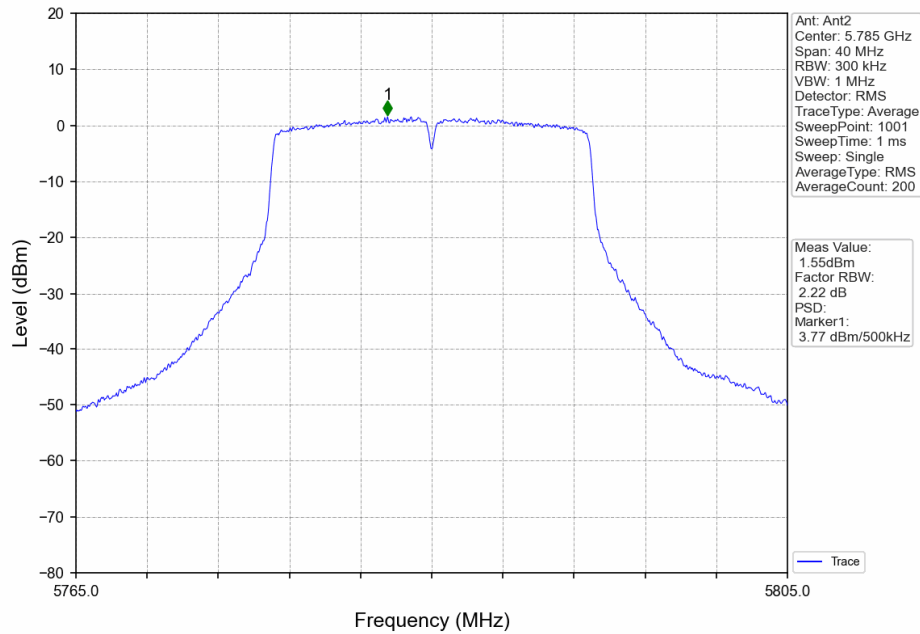
802.11n(HT20)_LCH_5745MHz_MIMO_NTNV



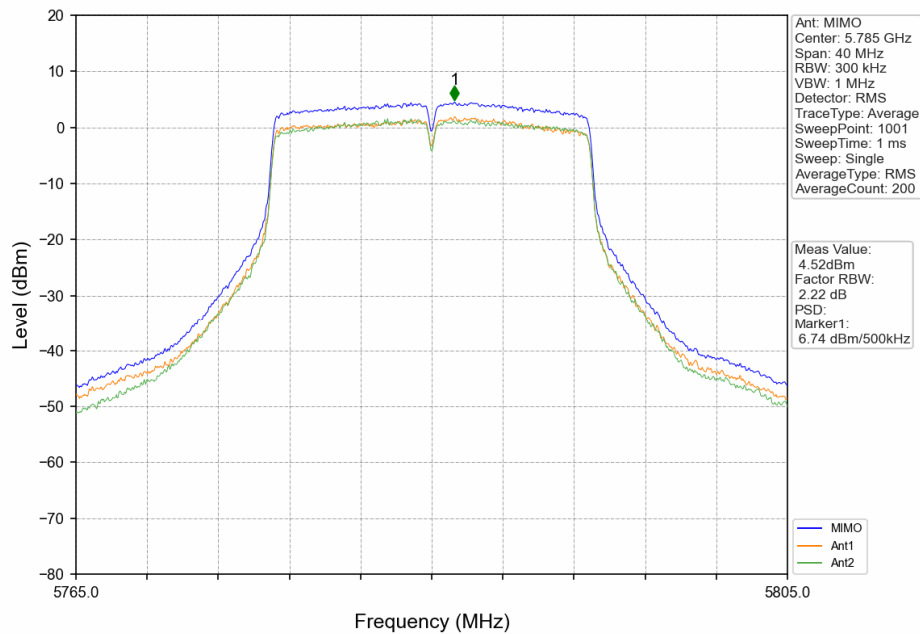
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



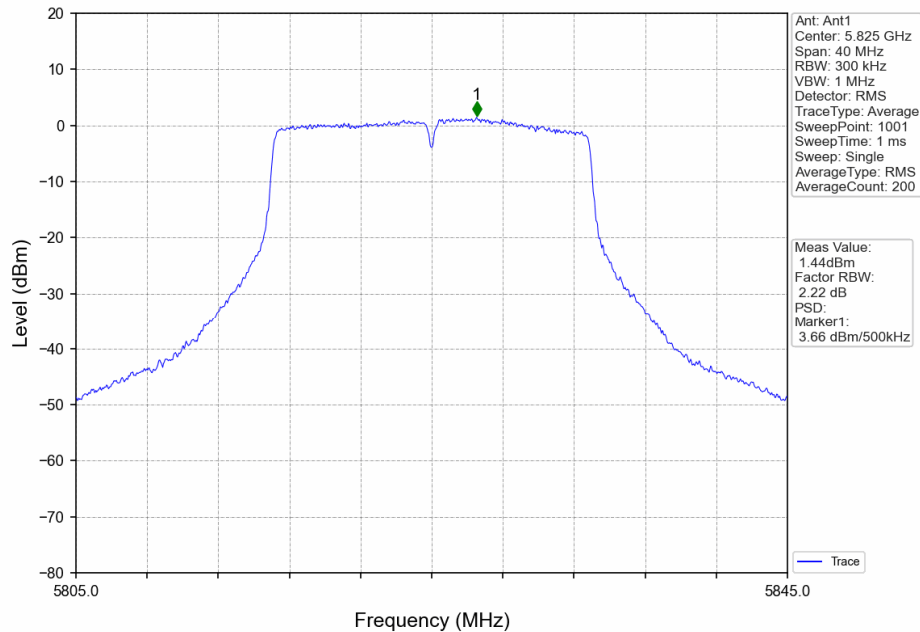
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



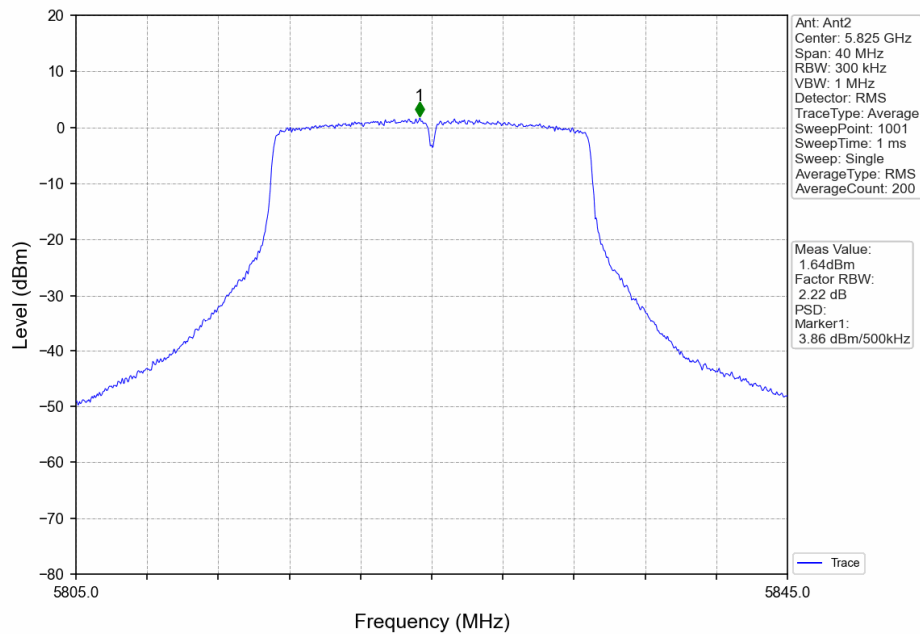
802.11n(HT20)_MCH_5785MHz_MIMO_NTNV



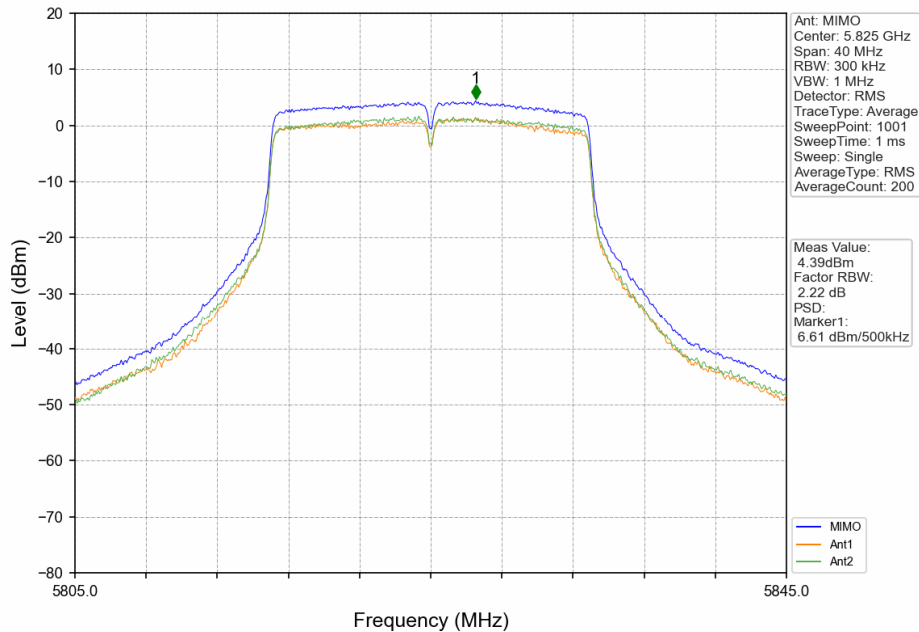
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



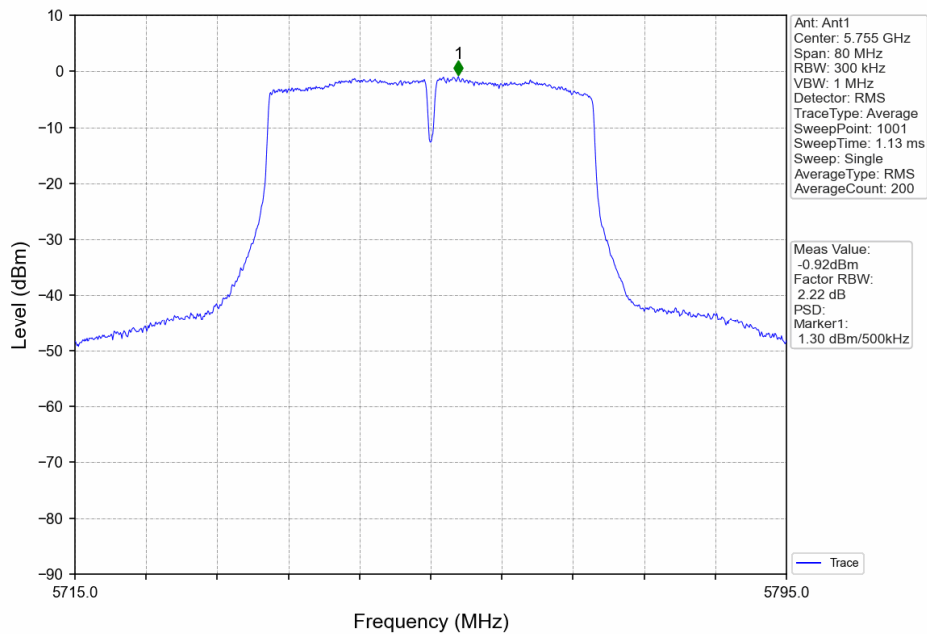
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



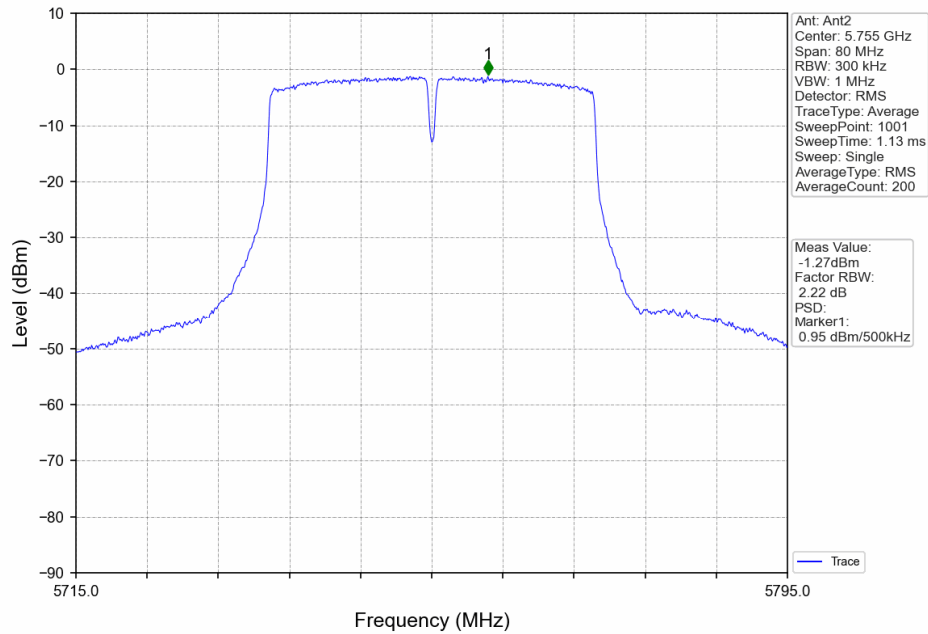
802.11n(HT20)_HCH_5825MHz_MIMO_NTNV



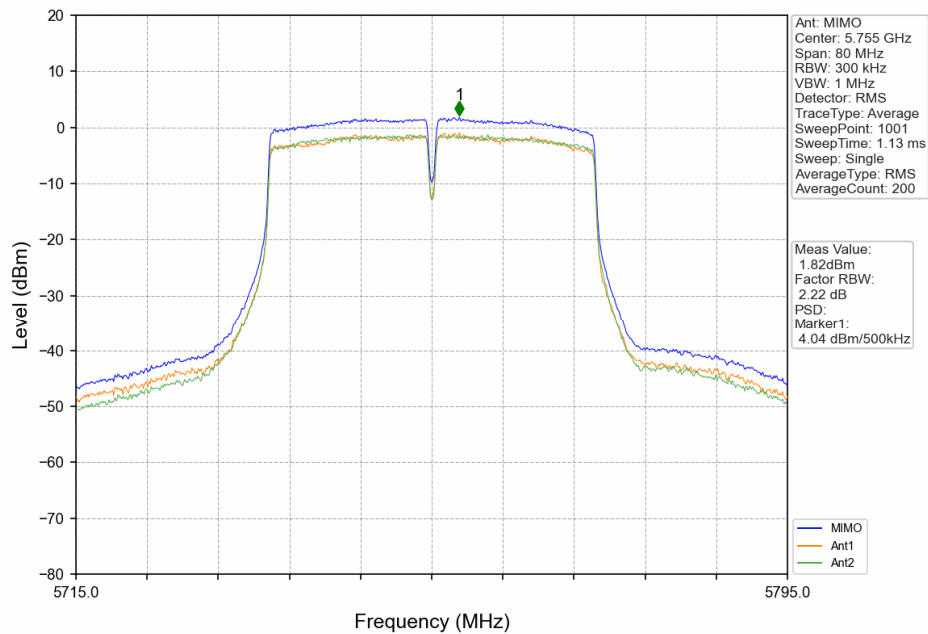
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



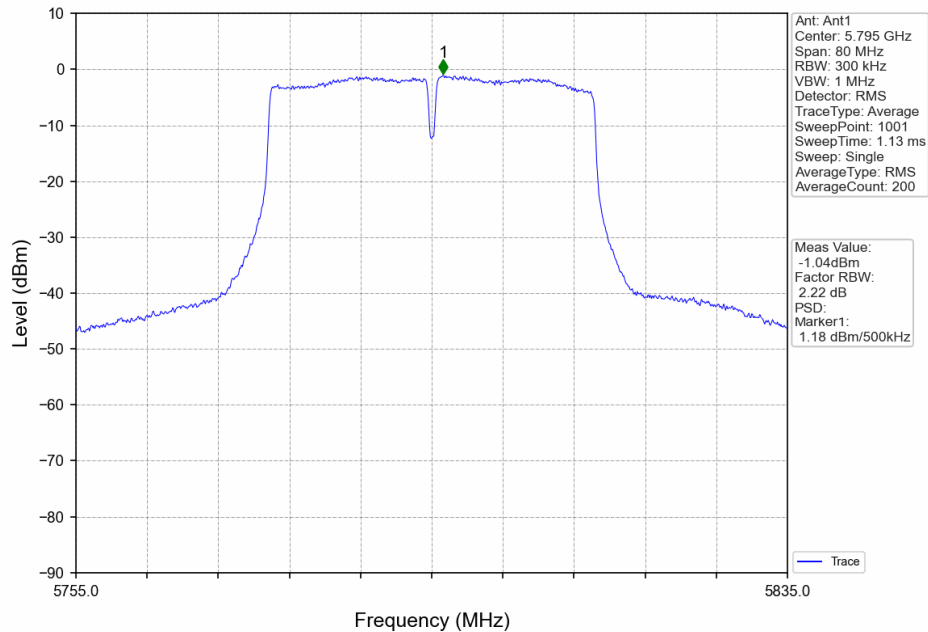
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



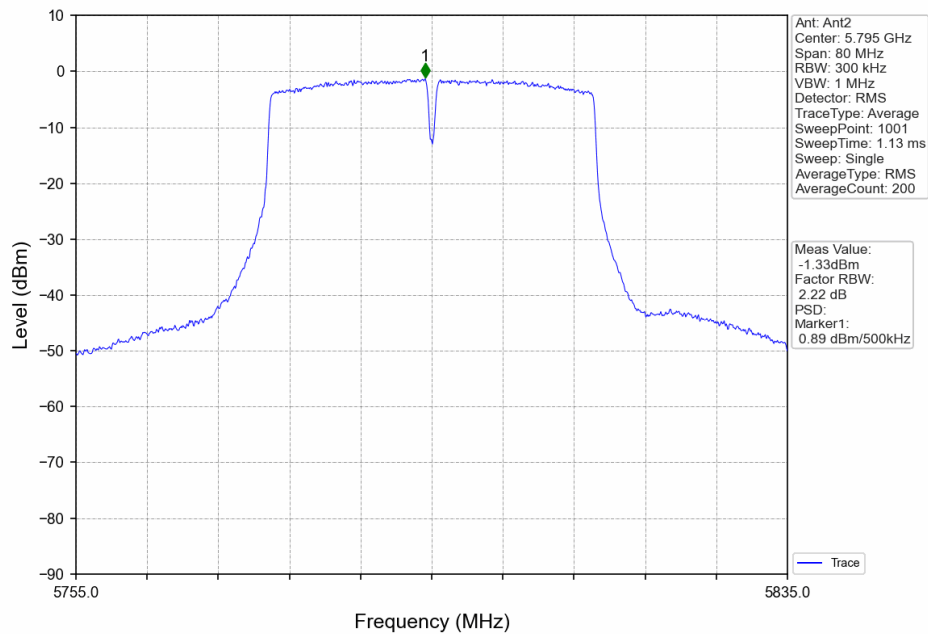
802.11n(HT40)_LCH_5755MHz_MIMO_NTNV



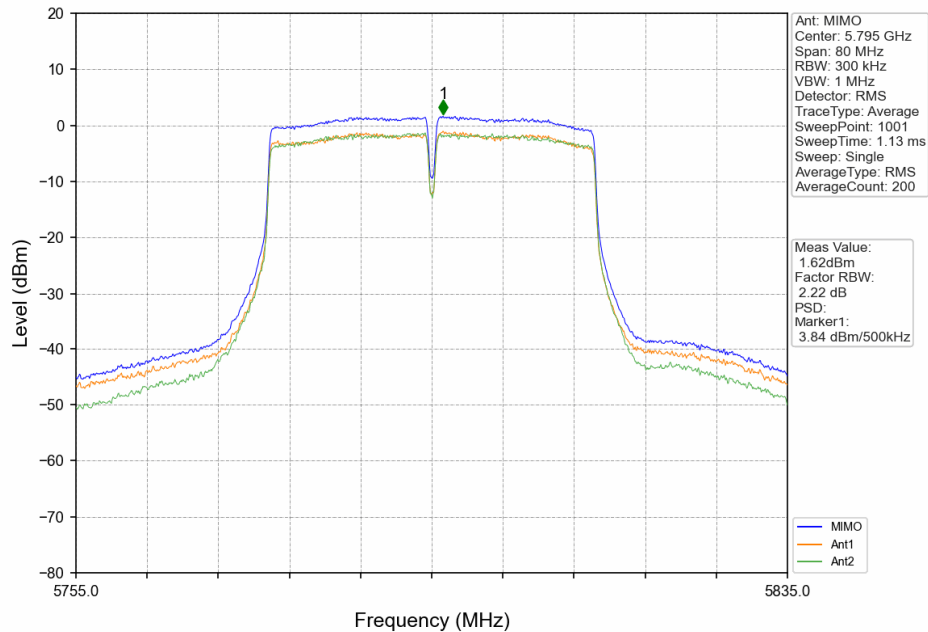
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



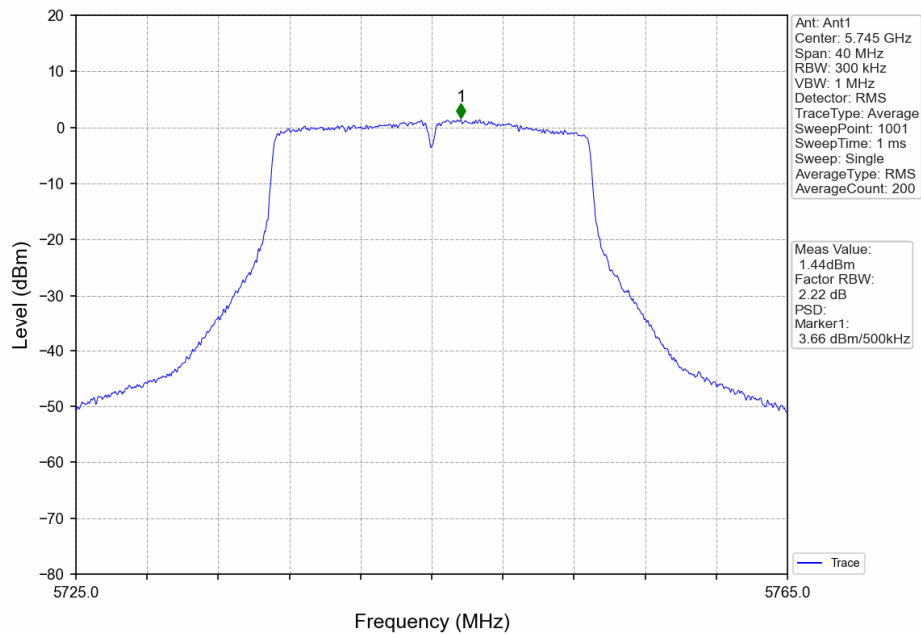
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



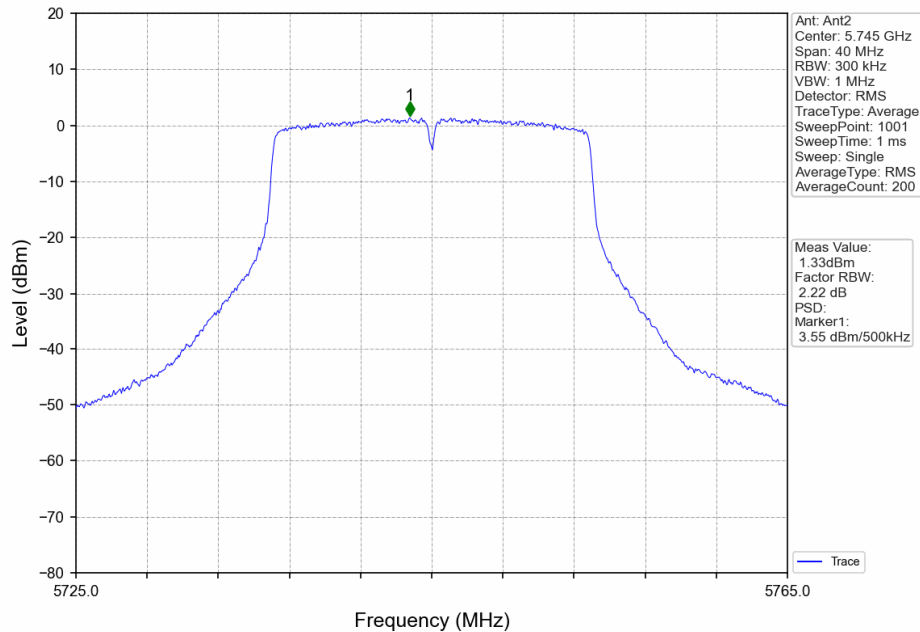
802.11n(HT40)_HCH_5795MHz_MIMO_NTNV



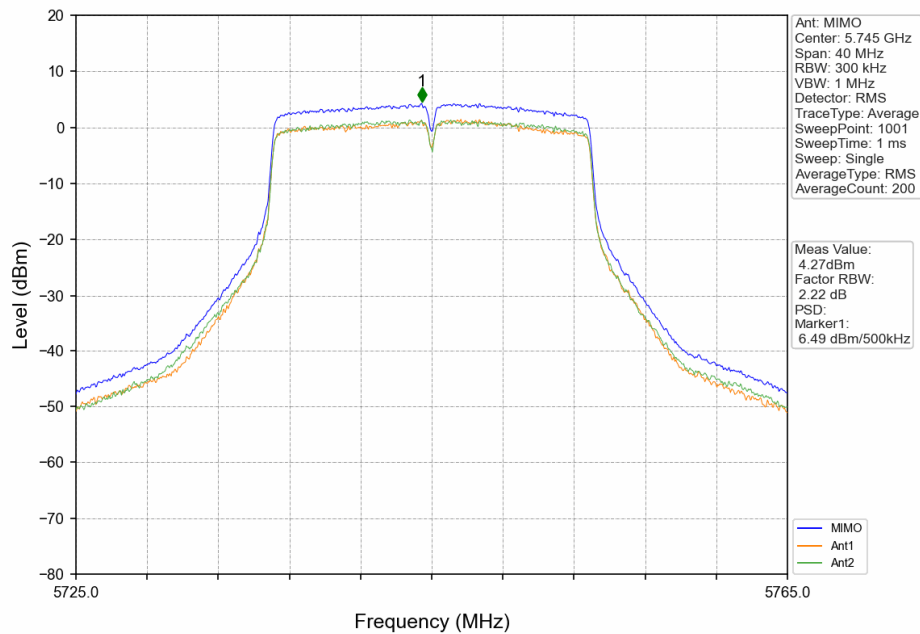
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



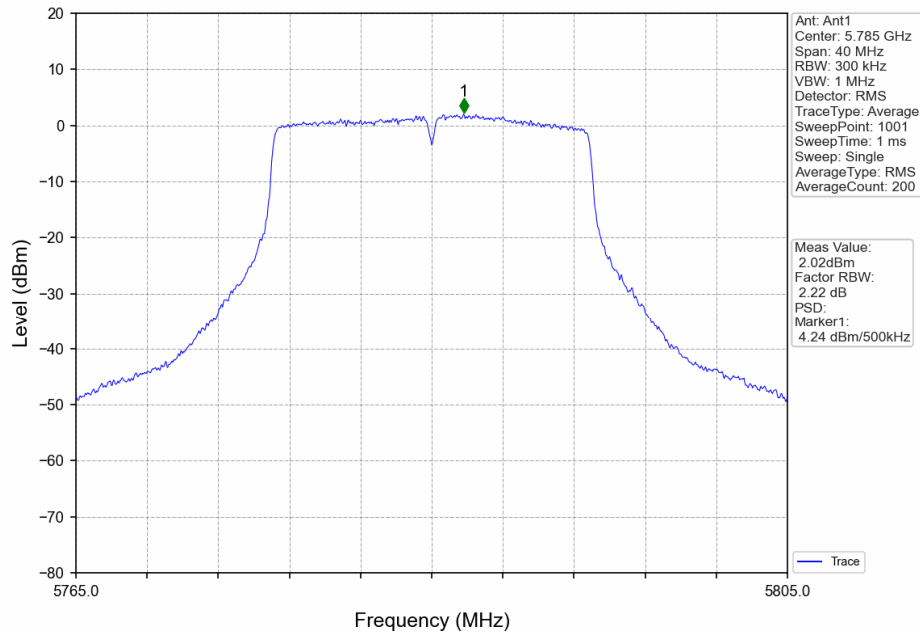
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



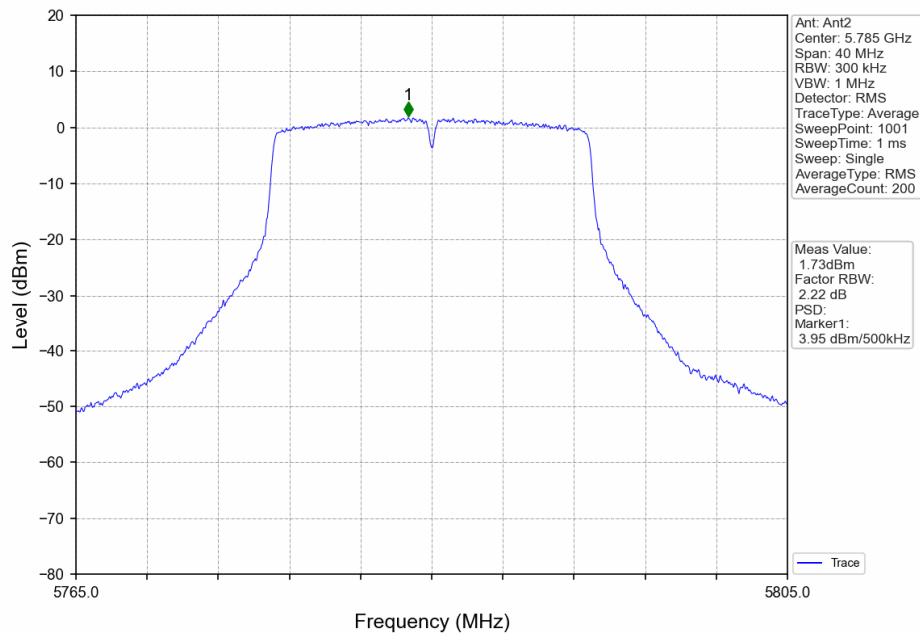
802.11ac(VHT20)_LCH_5745MHz_MIMO_NTNV



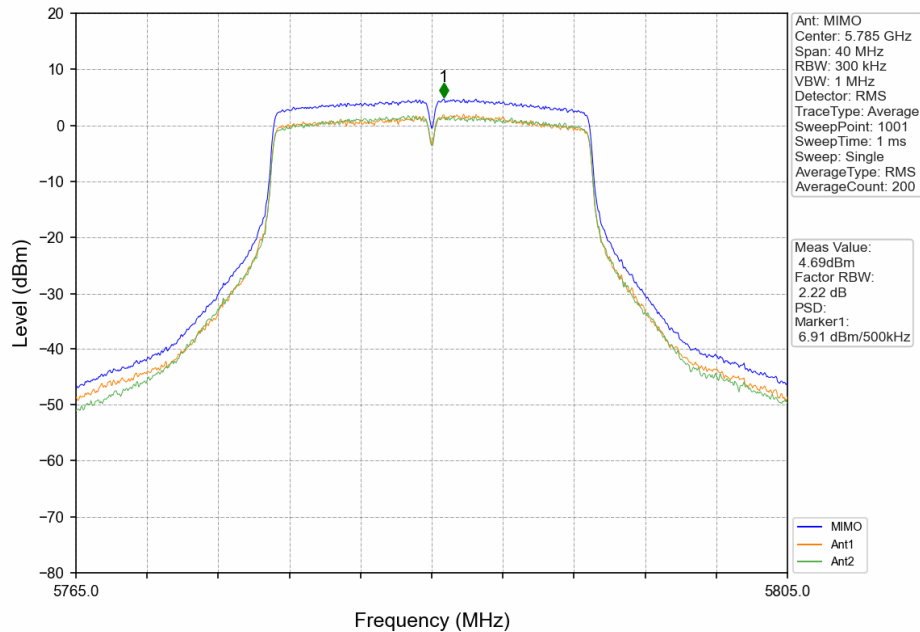
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



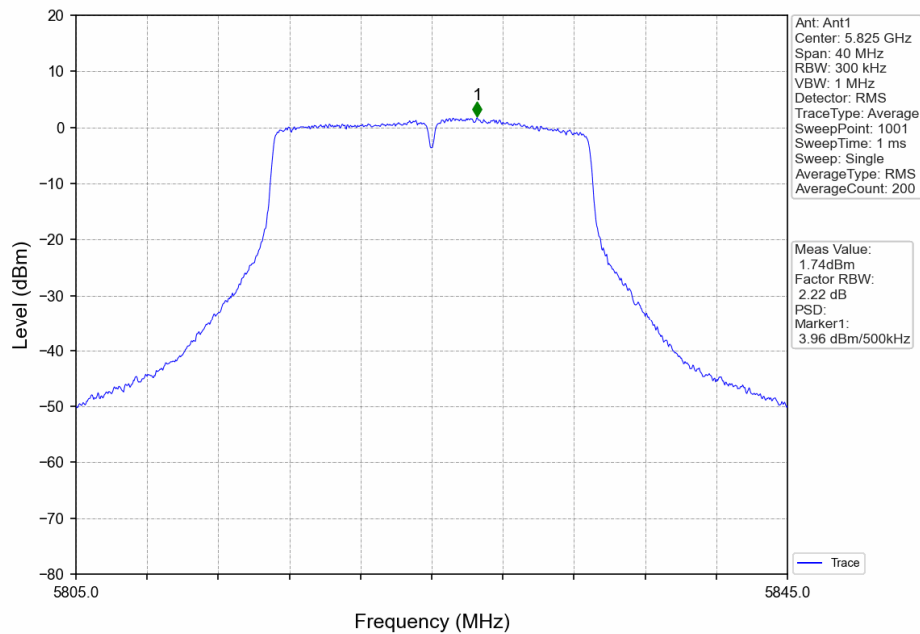
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



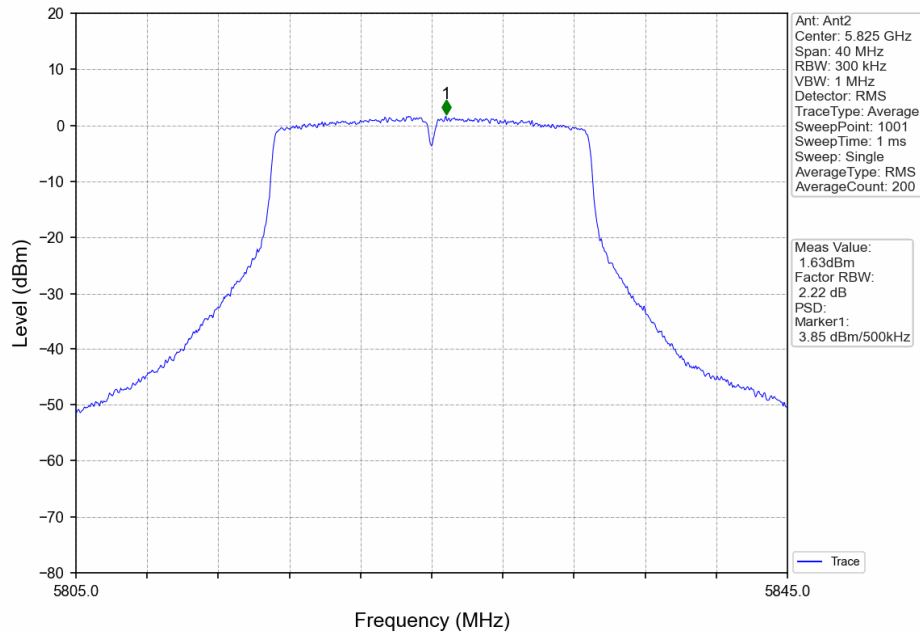
802.11ac(VHT20)_MCH_5785MHz_MIMO_NTNV



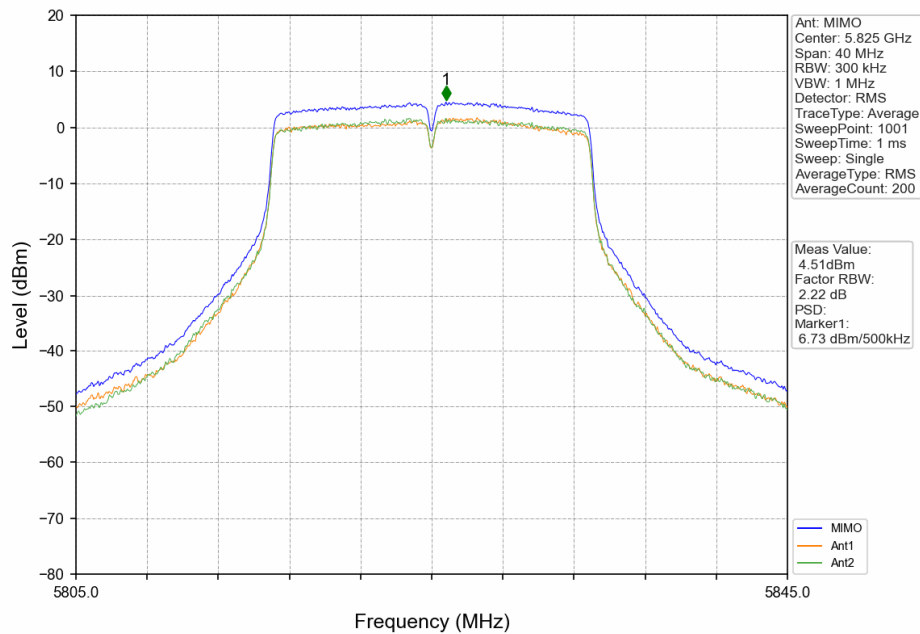
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



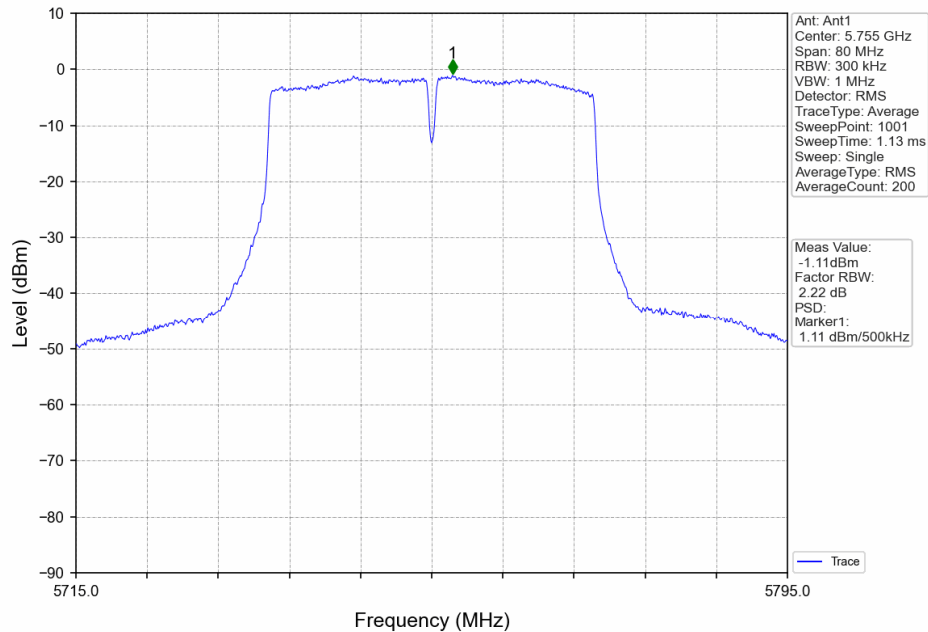
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



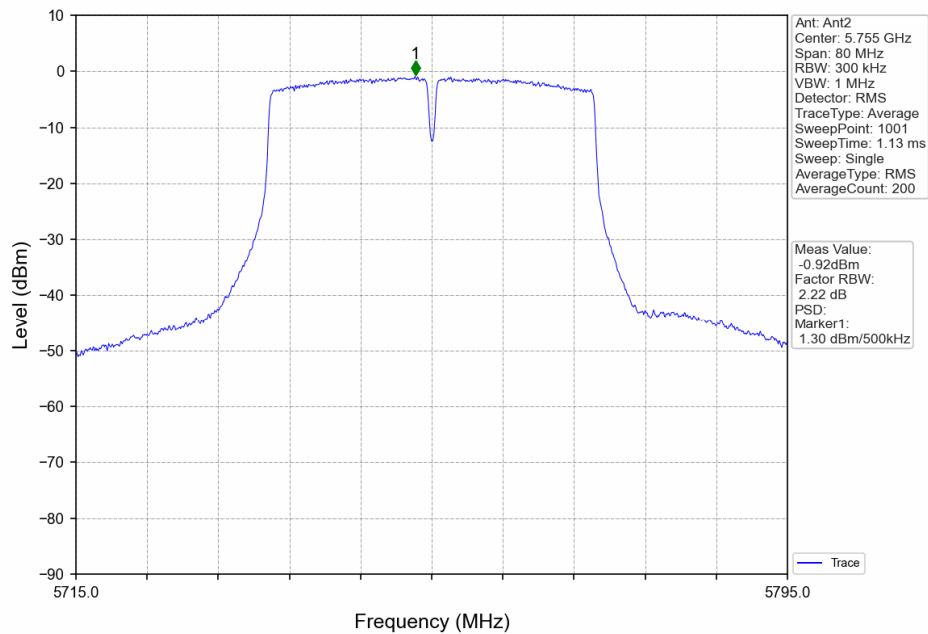
802.11ac(VHT20)_HCH_5825MHz_MIMO_NTNV



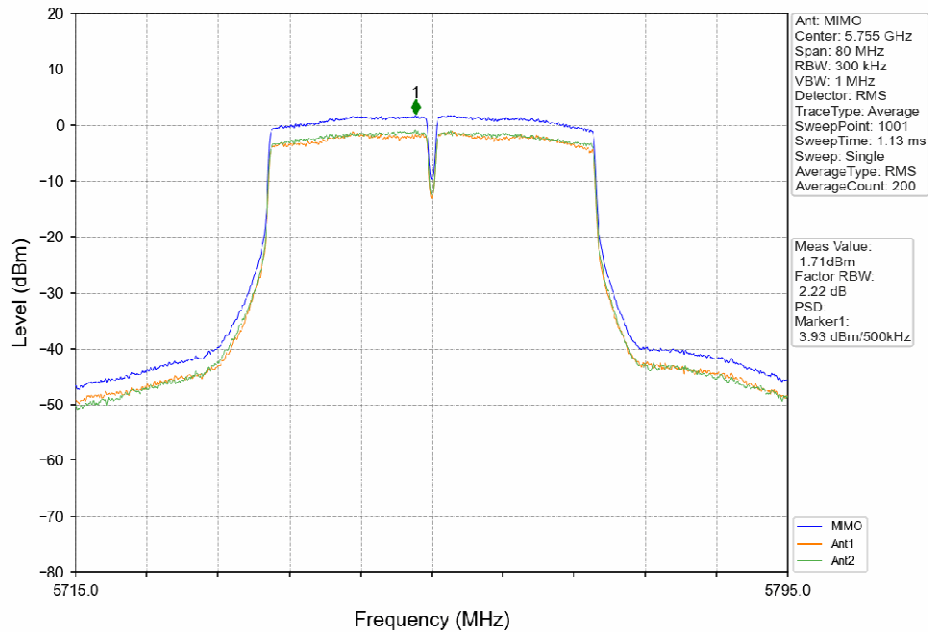
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



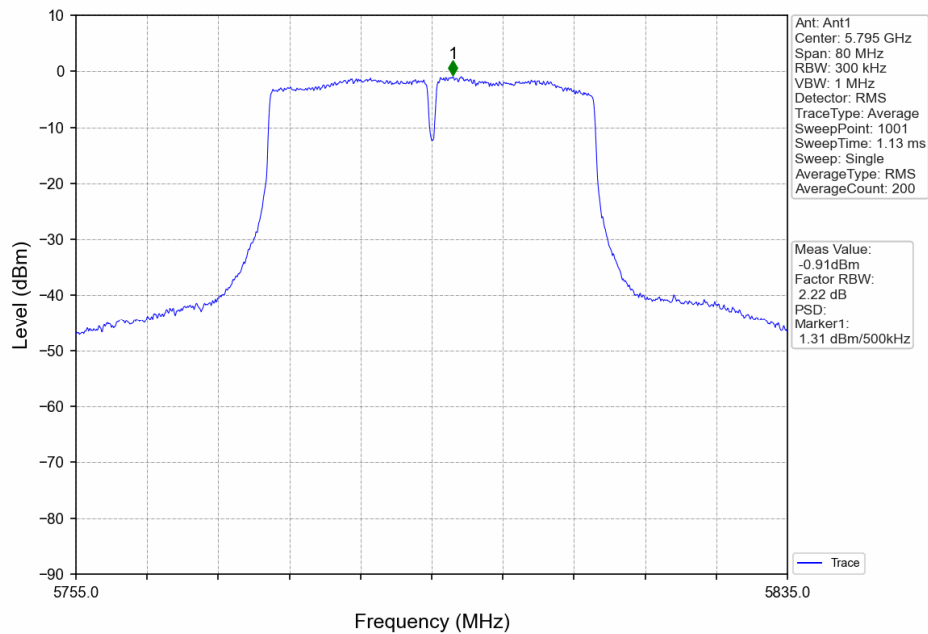
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



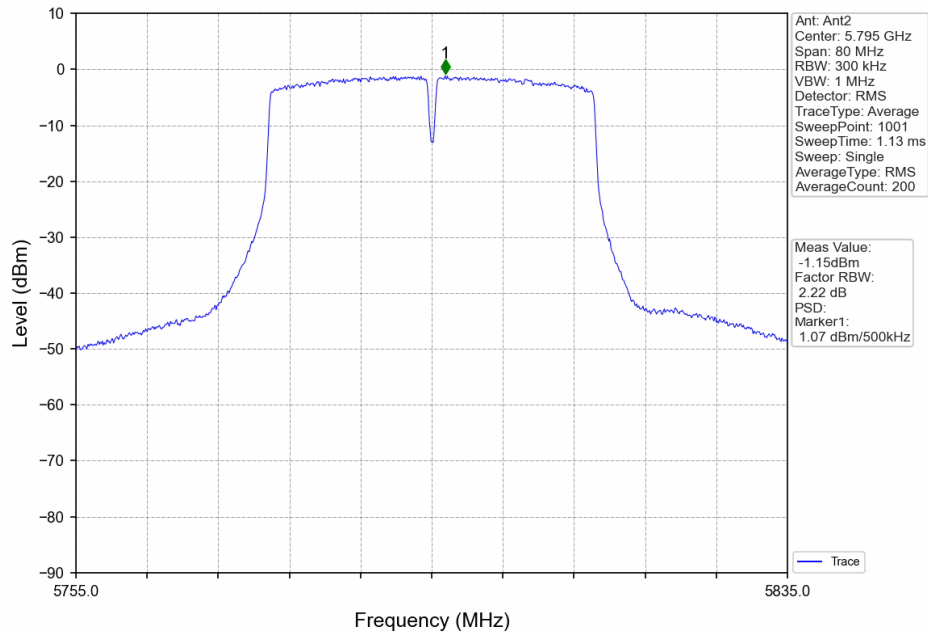
802.11ac(VHT40)_LCH_5755MHz_MIMO_NTNV



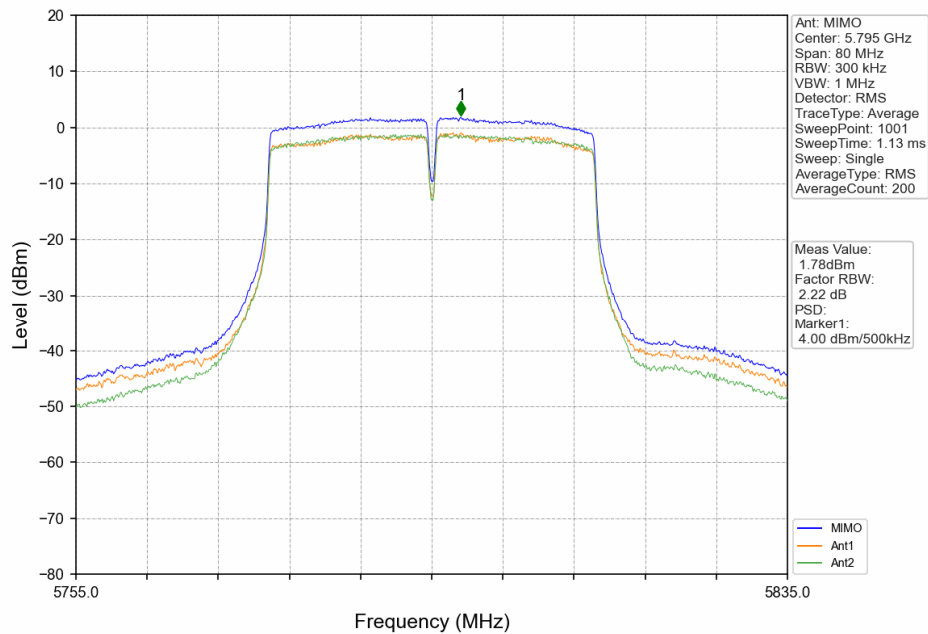
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



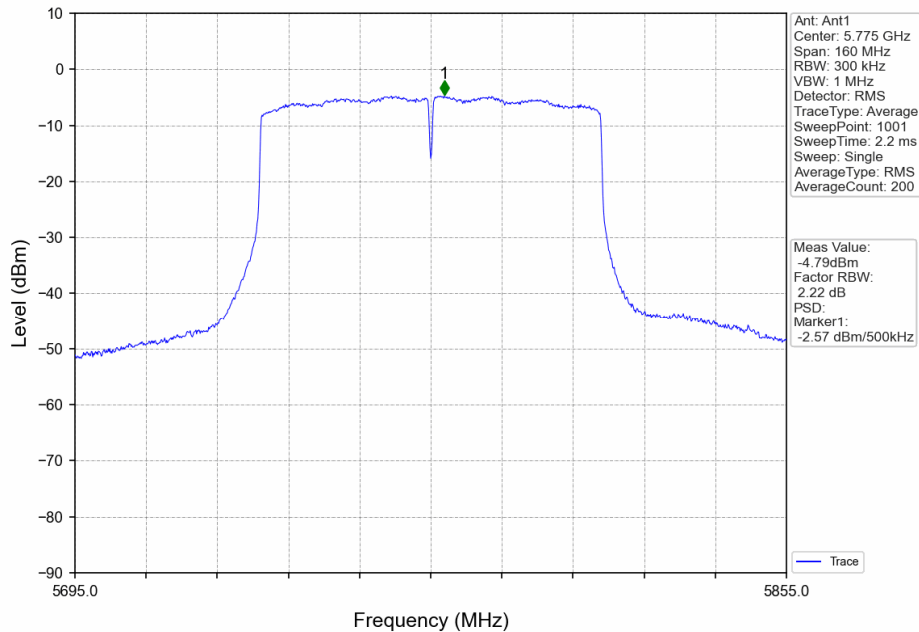
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



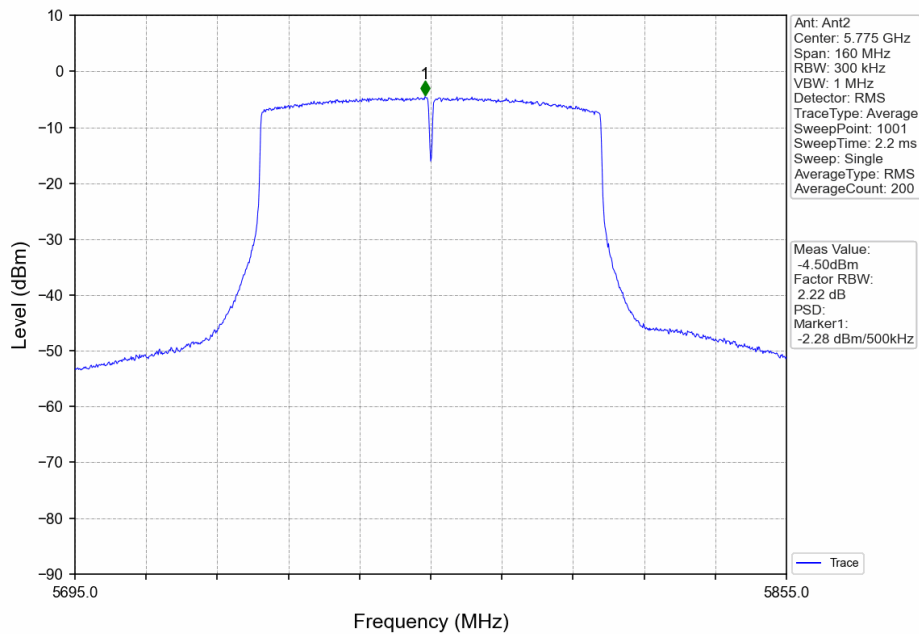
802.11ac(VHT40)_HCH_5795MHz_MIMO_NTNV



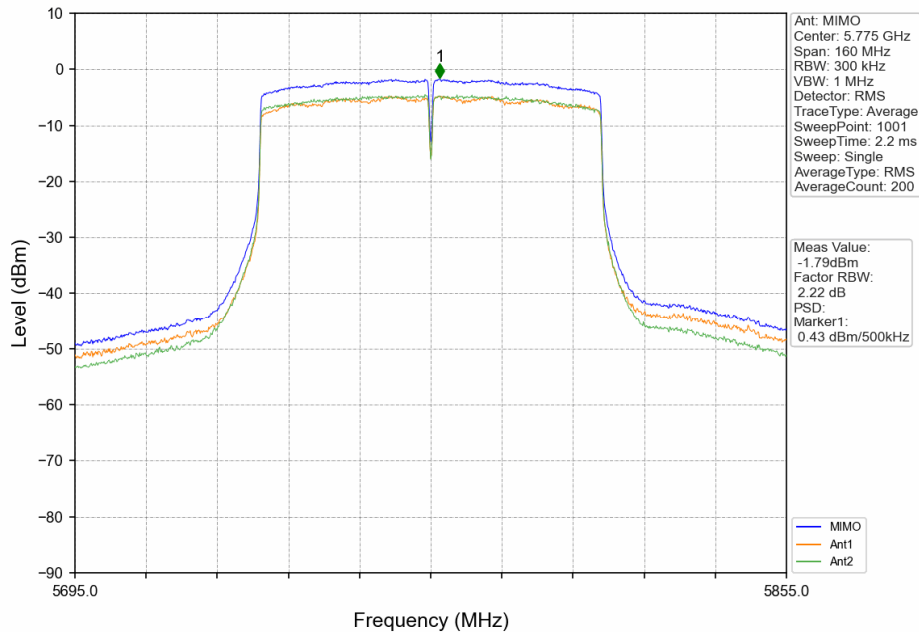
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



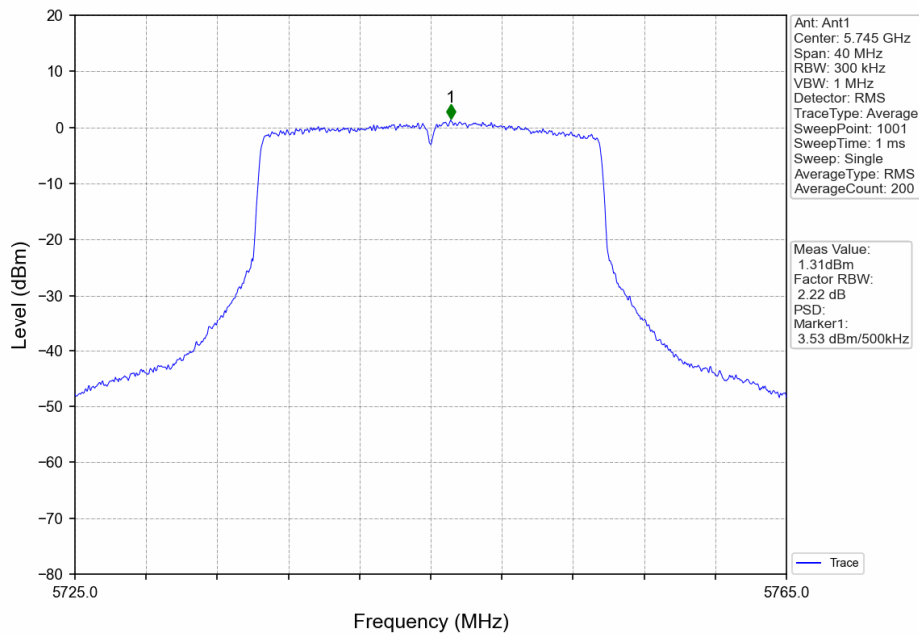
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



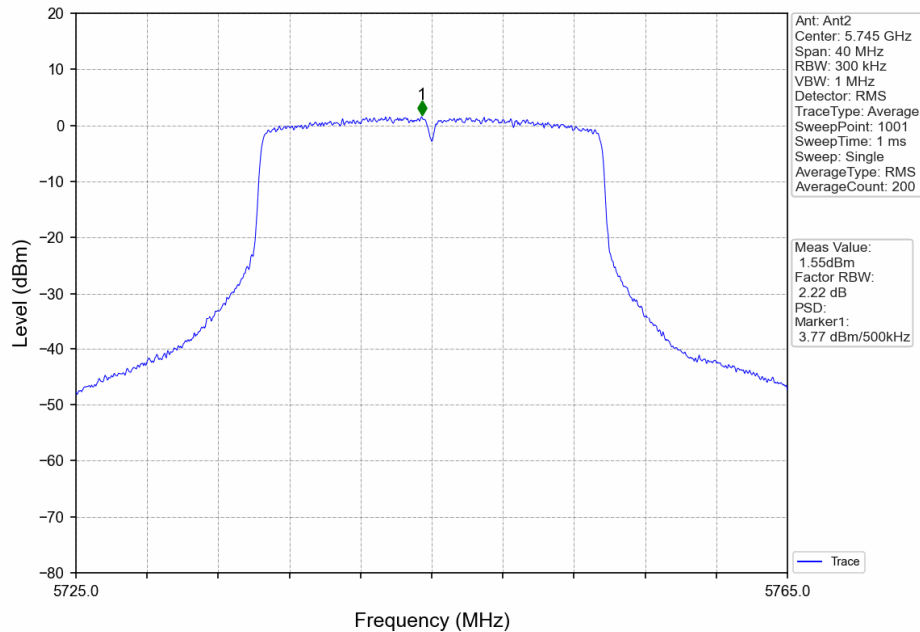
802.11ac(VHT80)_MCH_5775MHz_MIMO_NTNV



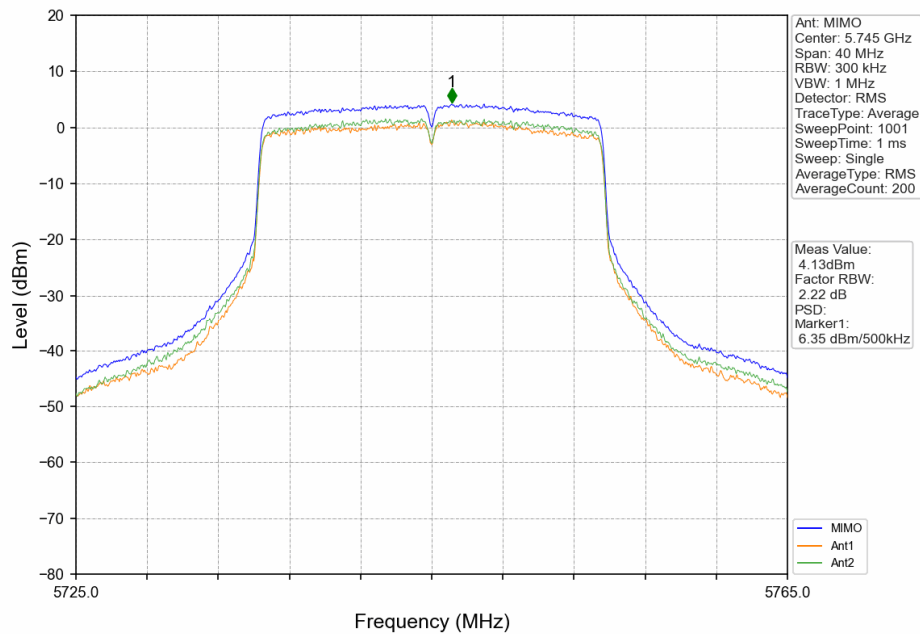
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant2_NTNV

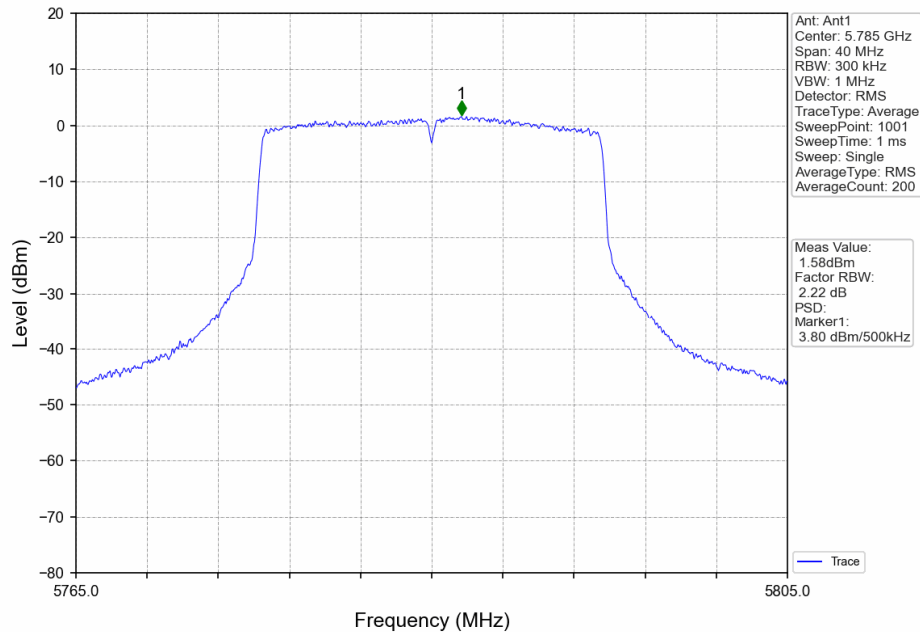


802.11ax(HEW20)_LCH_5745MHz_RU242_Left_MIMO_NTNV

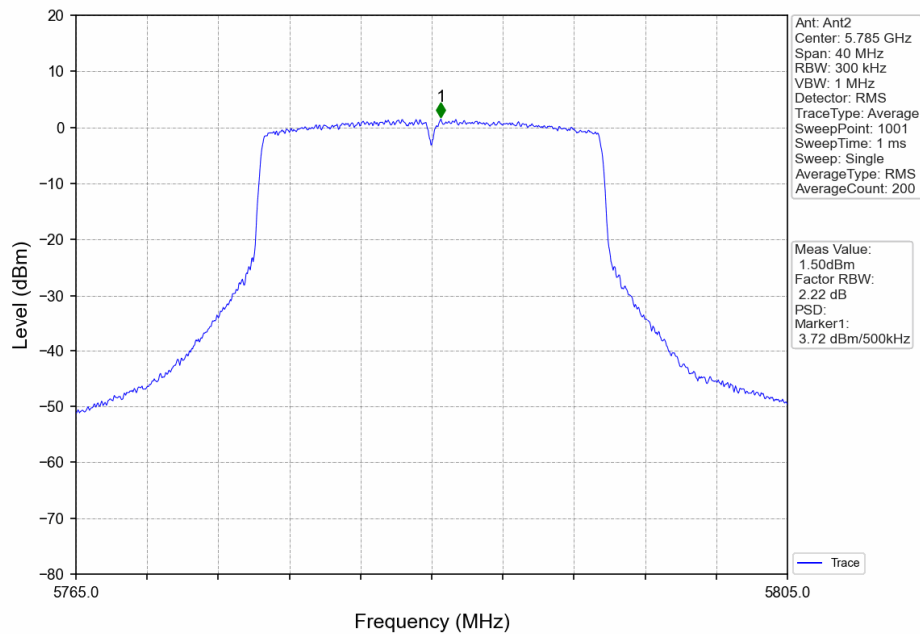


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

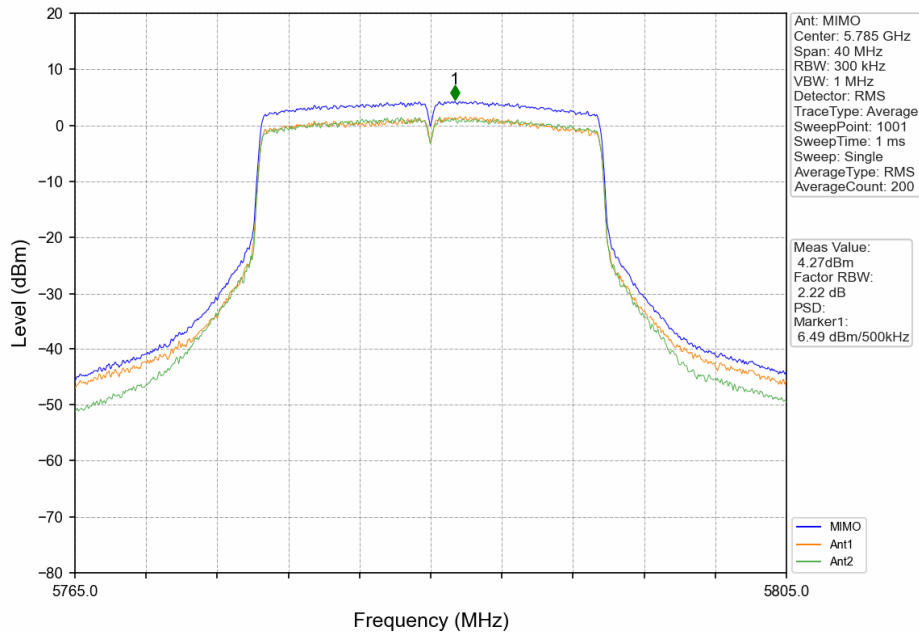
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



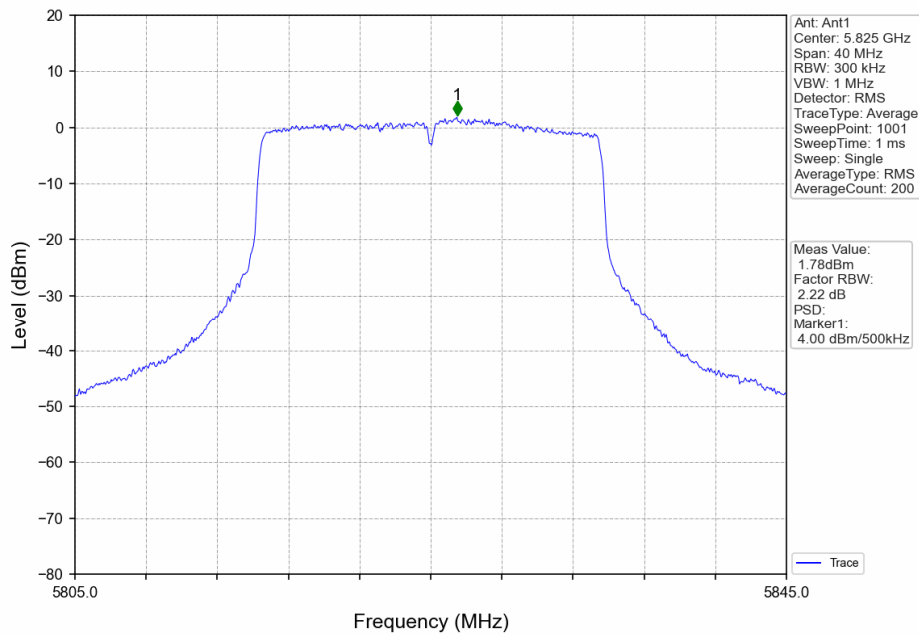
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant2_NTNV



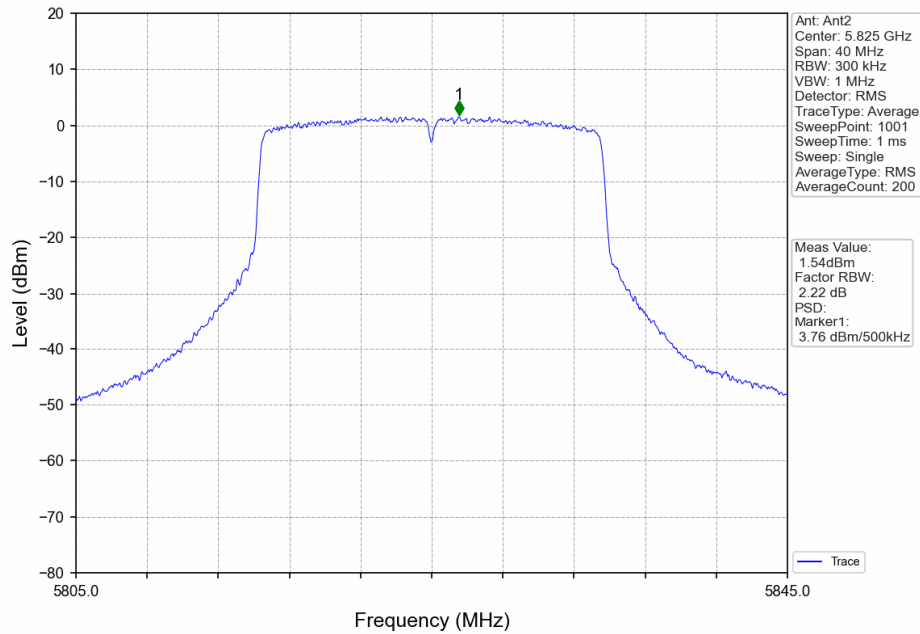
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_MIMO_NTNV



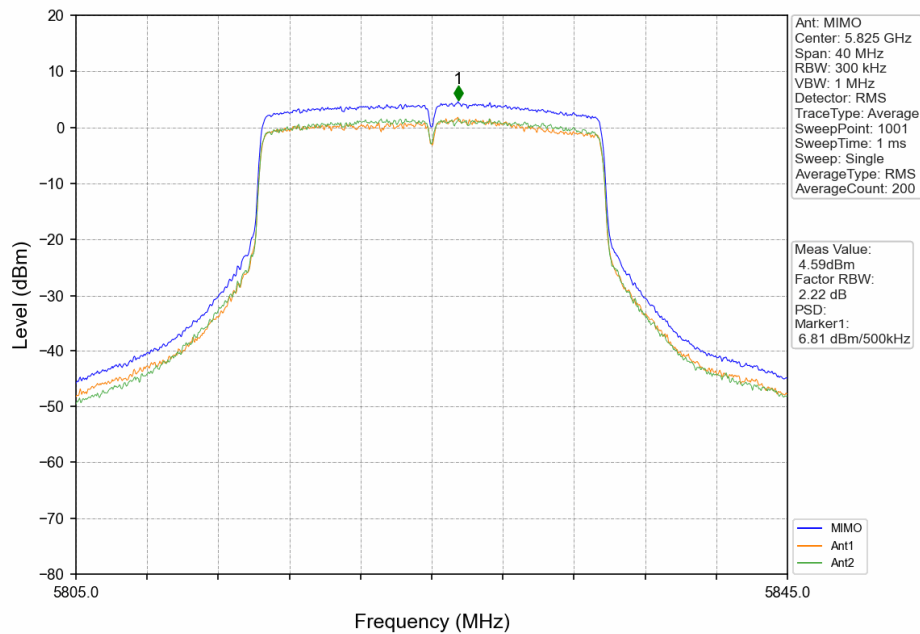
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant2_NTNV

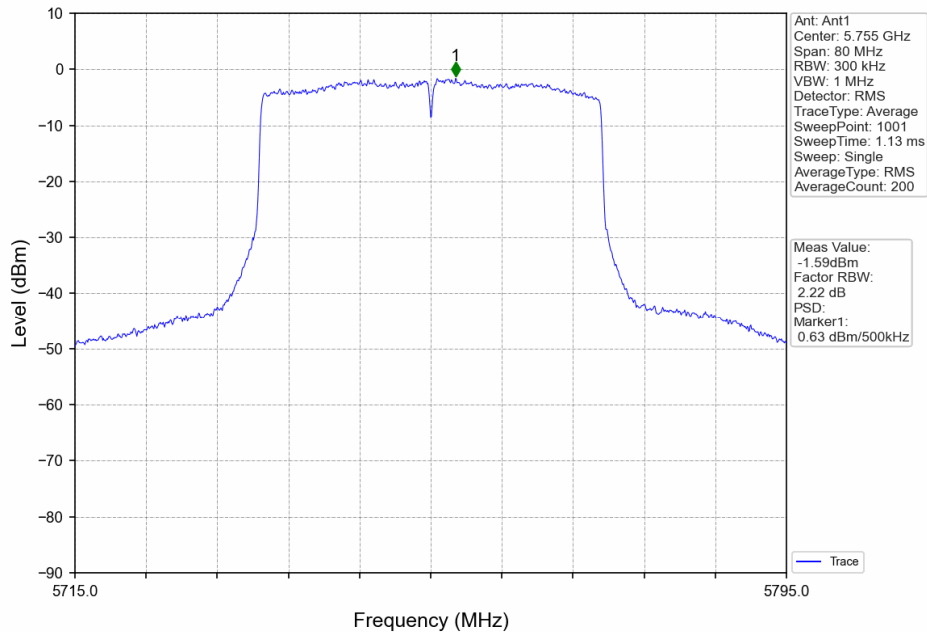


802.11ax(HEW20)_HCH_5825MHz_RU242_Left_MIMO_NTNV

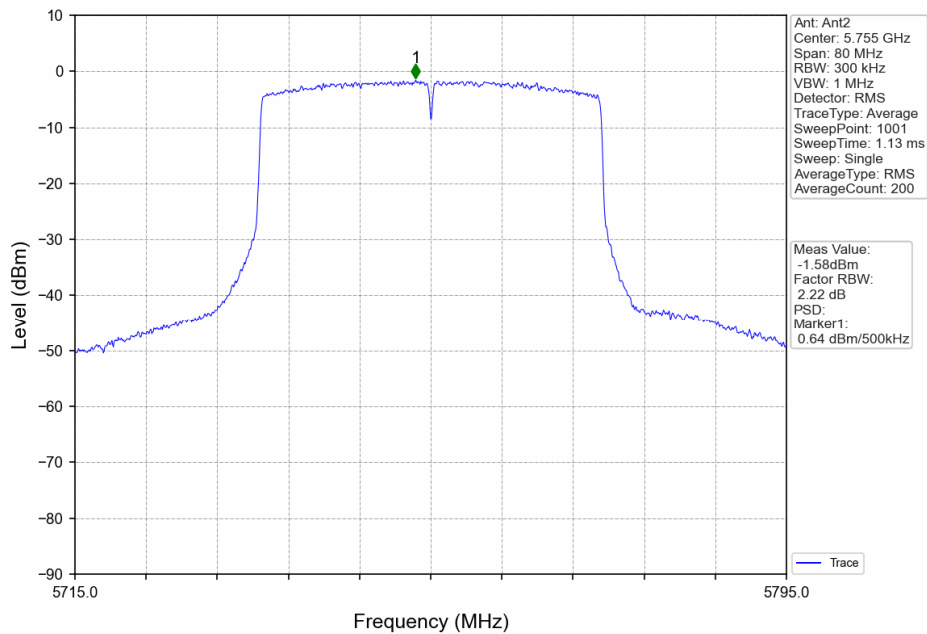


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

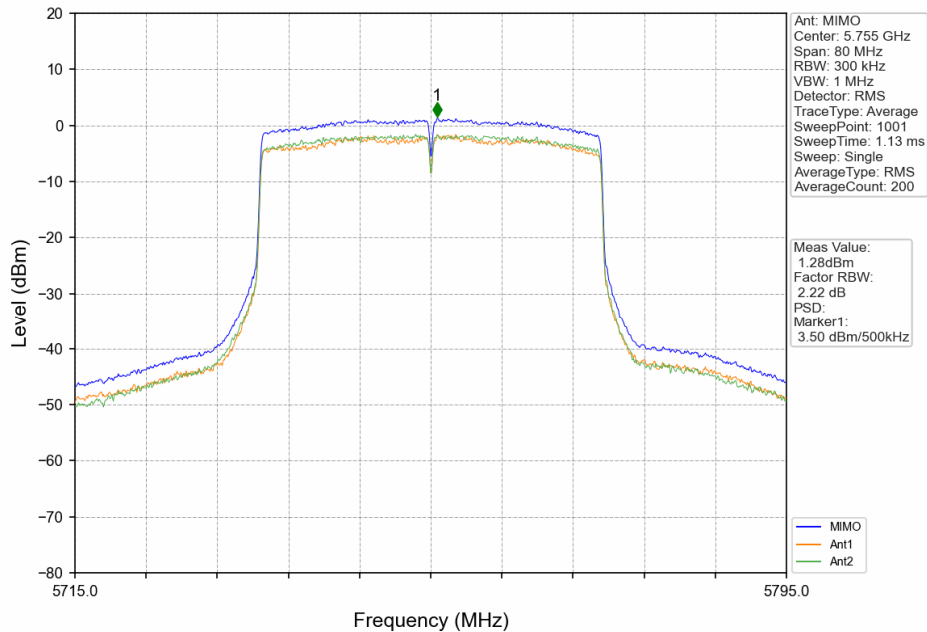
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



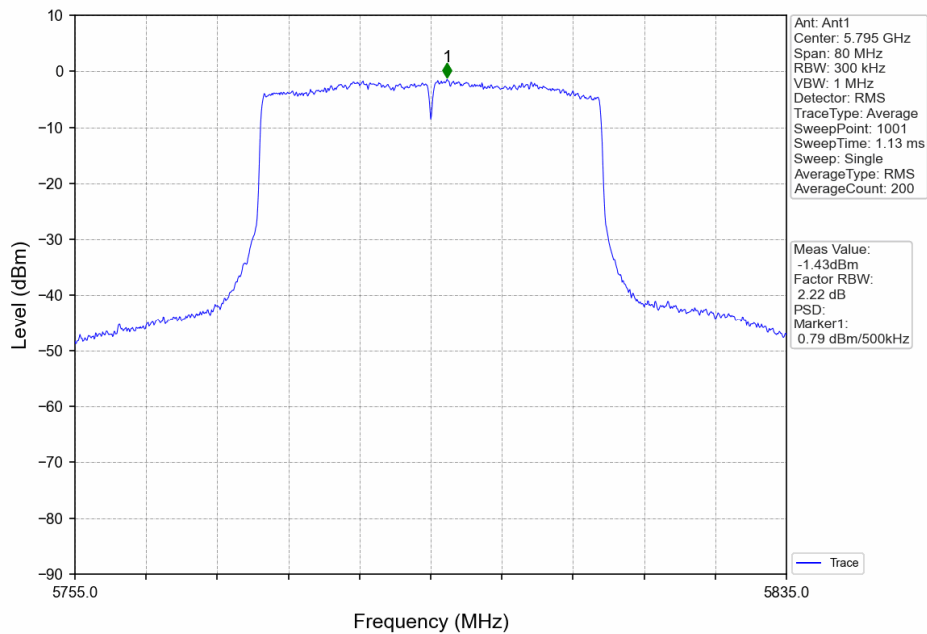
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV



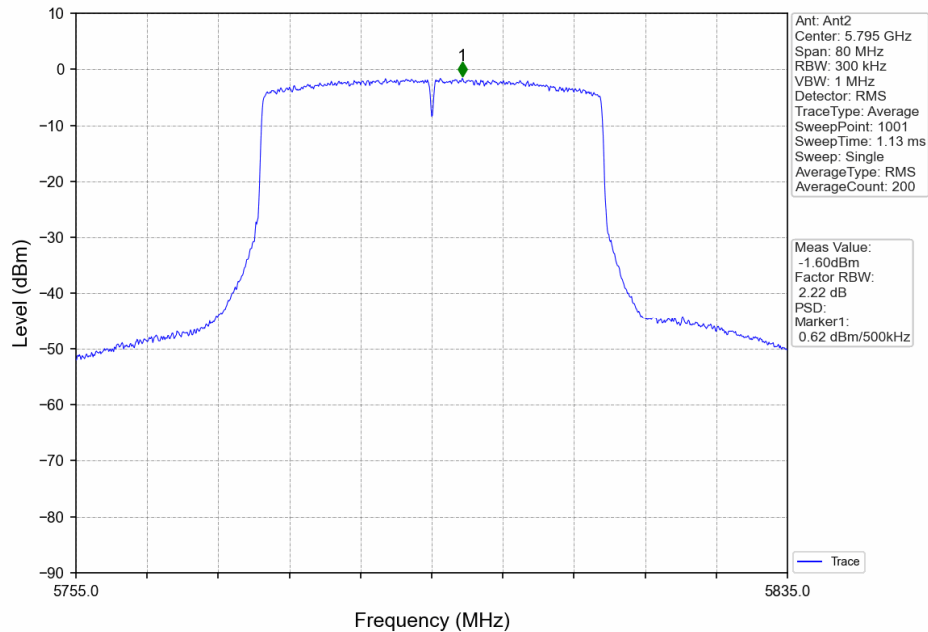
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_MIMO_NTNV



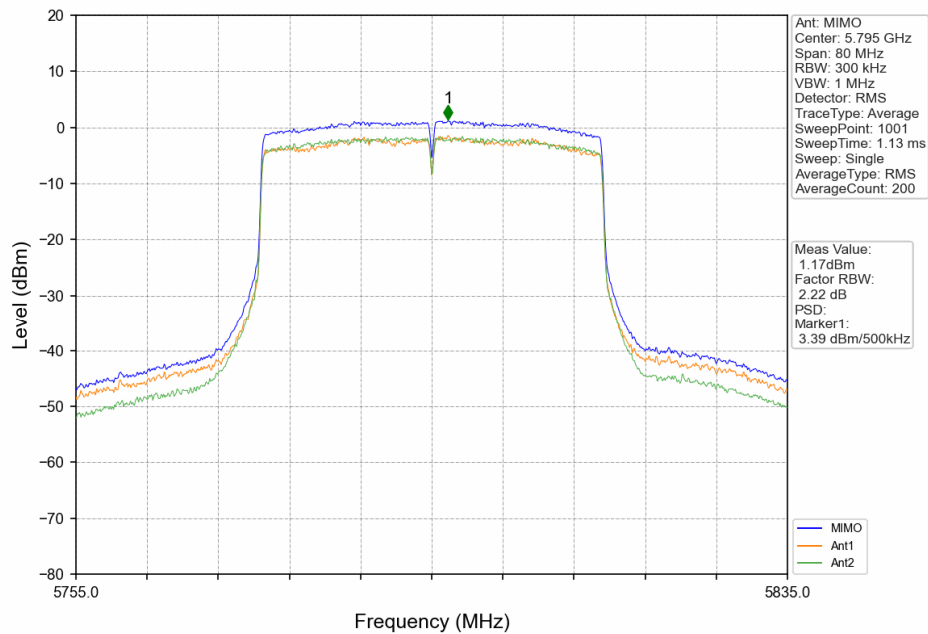
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant2_NTNV

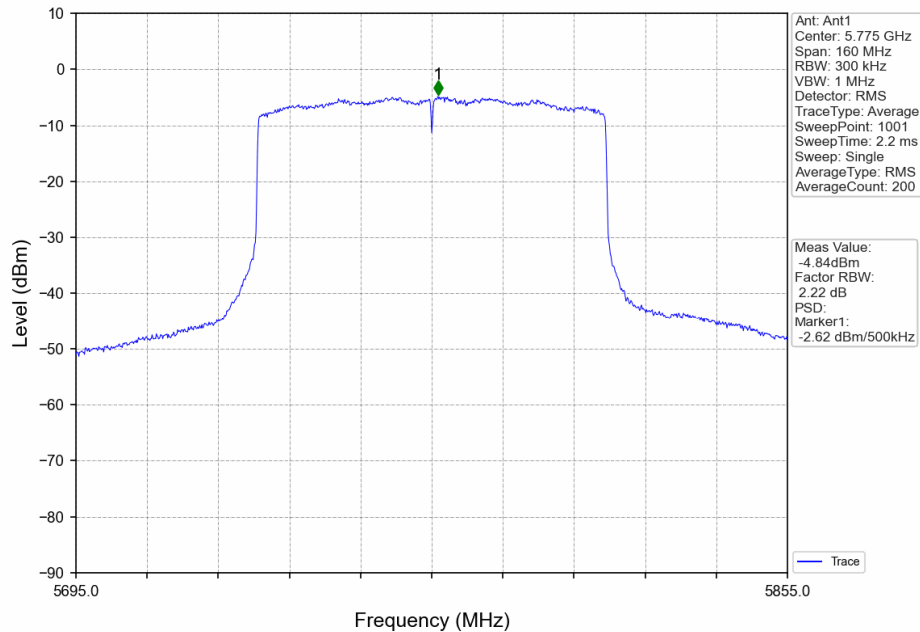


802.11ax(HEW40)_HCH_5795MHz_RU484_Left_MIMO_NTNV

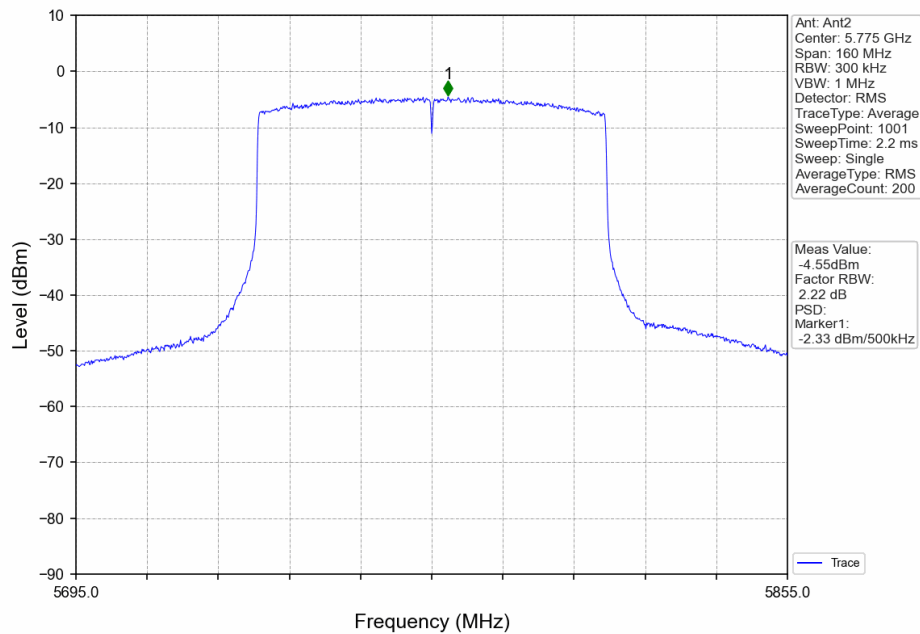


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

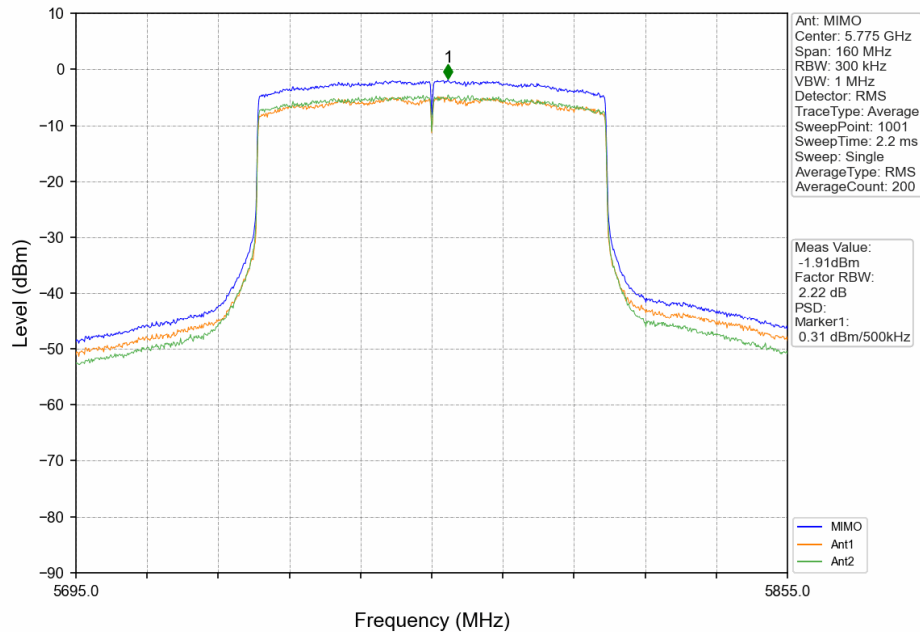
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_MIMO_NTNV



- End of the Report -