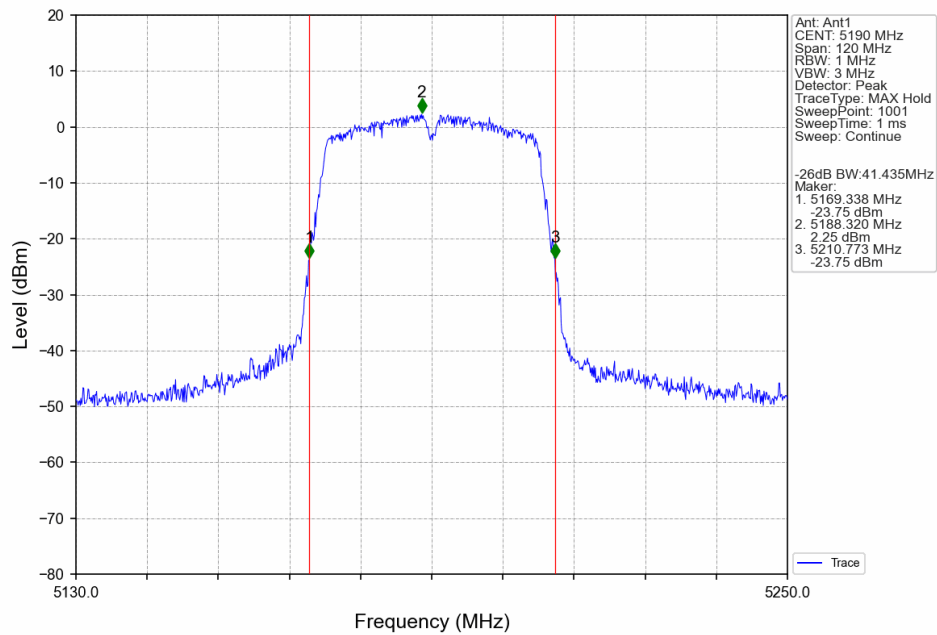
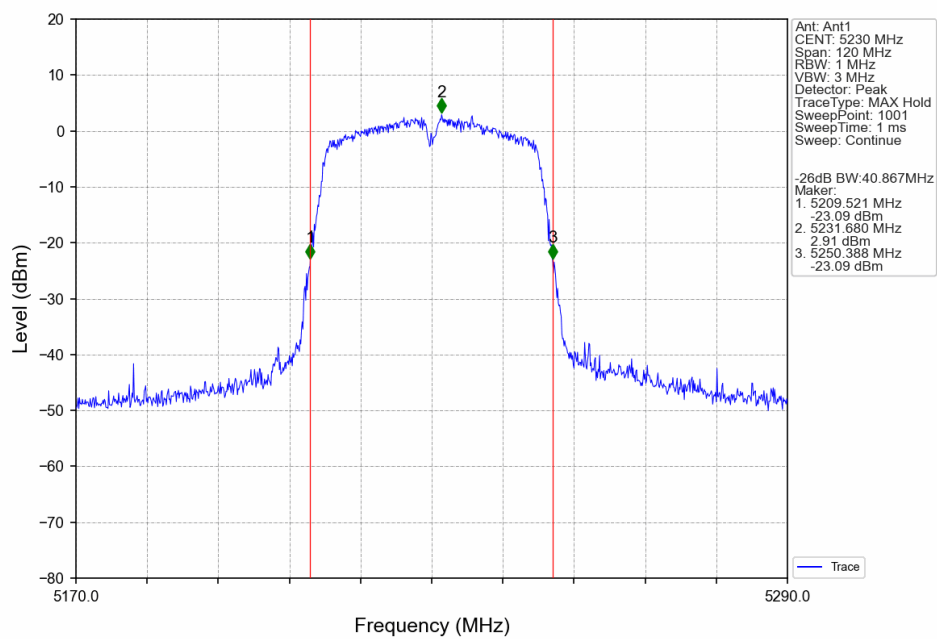


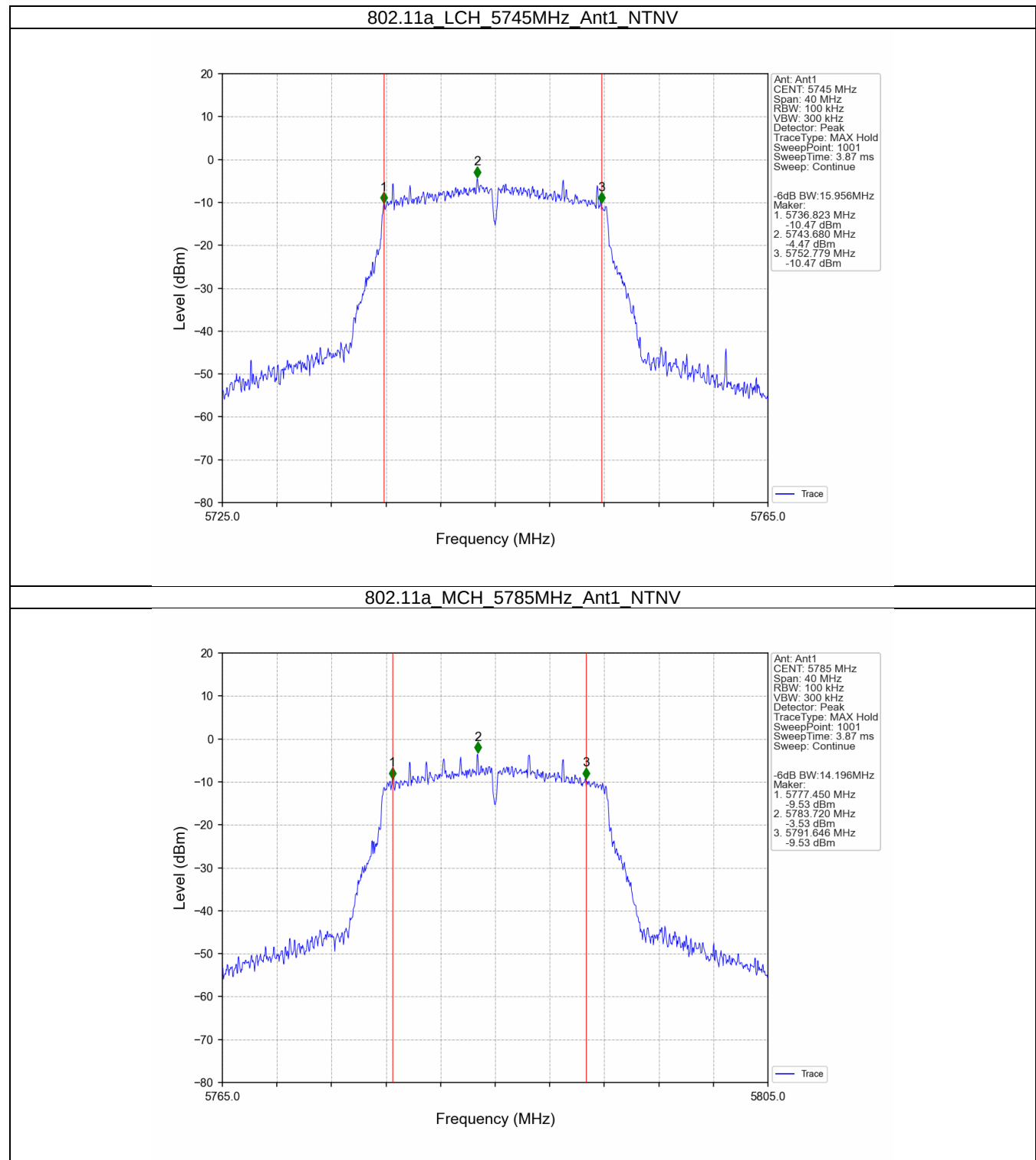
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



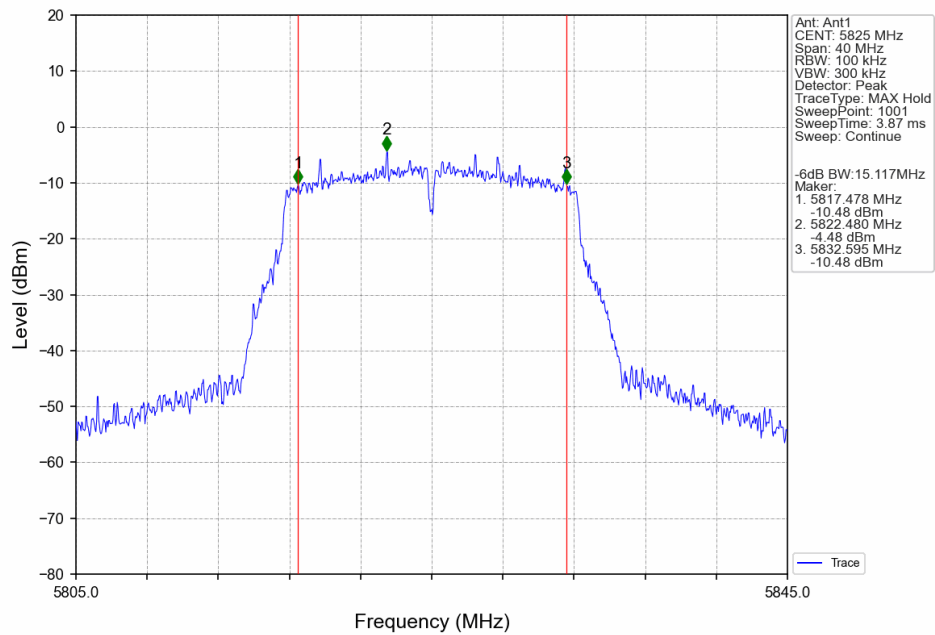
802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



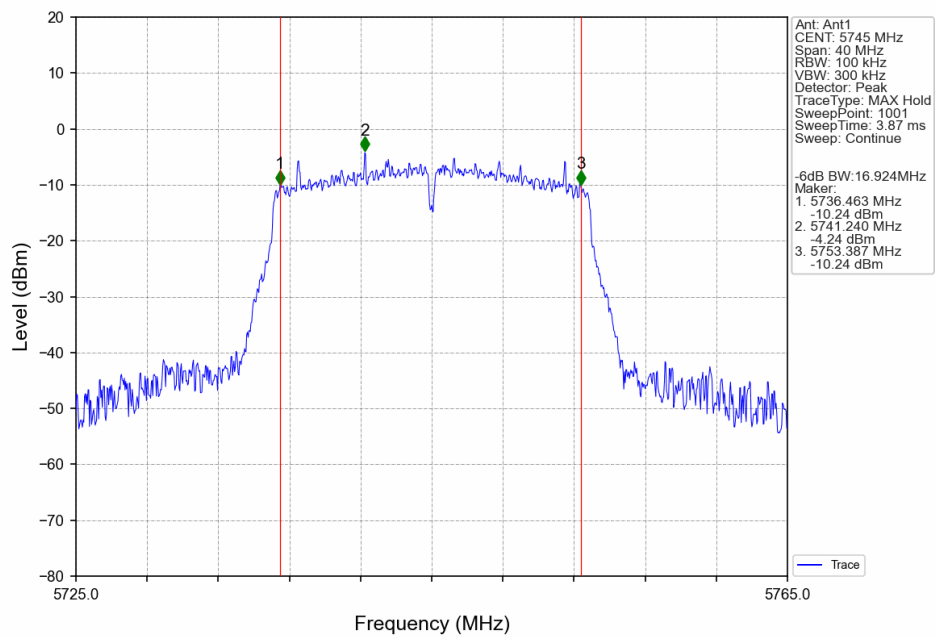
2.2.3 6dB BW



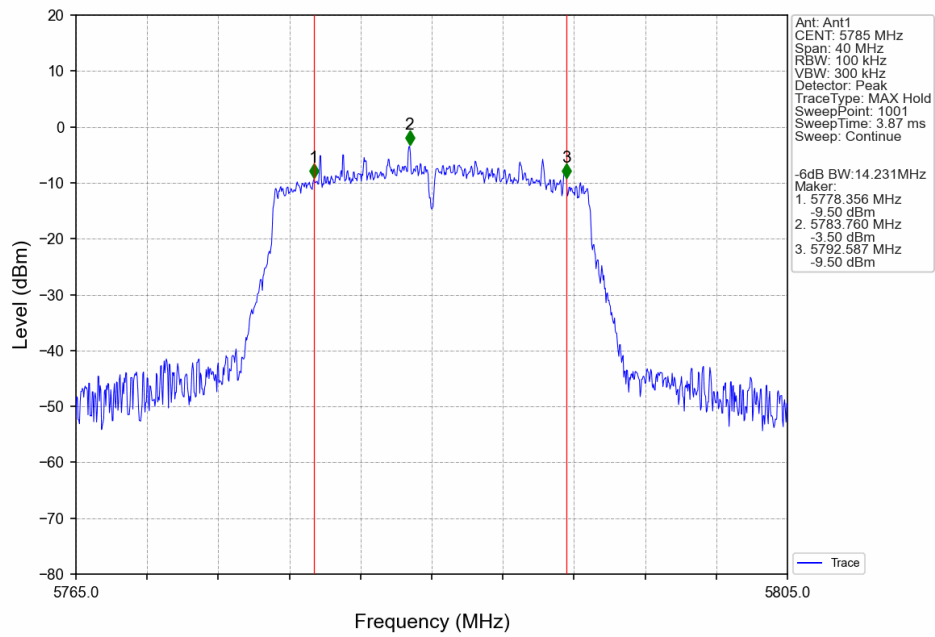
802.11a_HCH_5825MHz_Ant1_NTNV



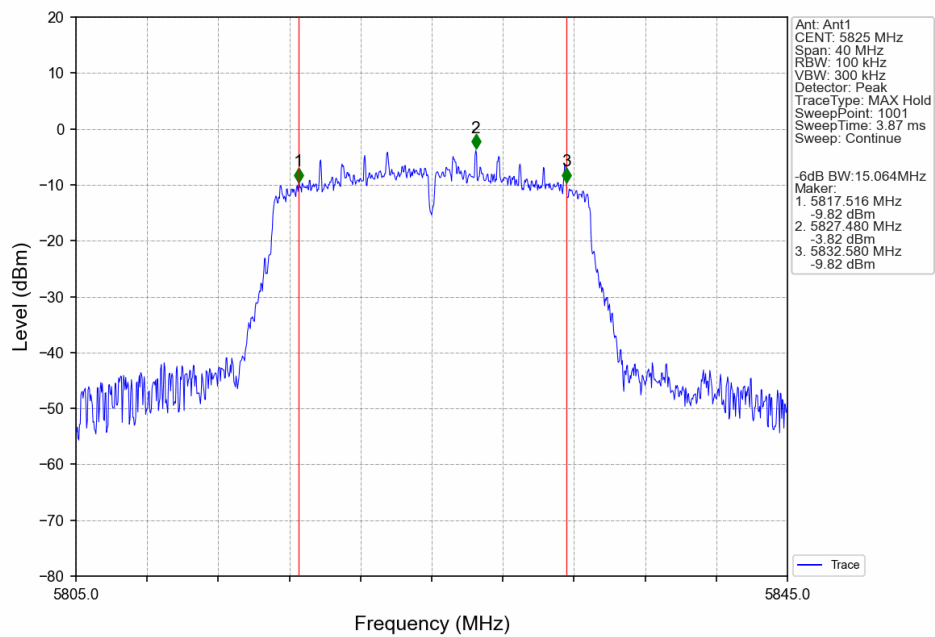
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



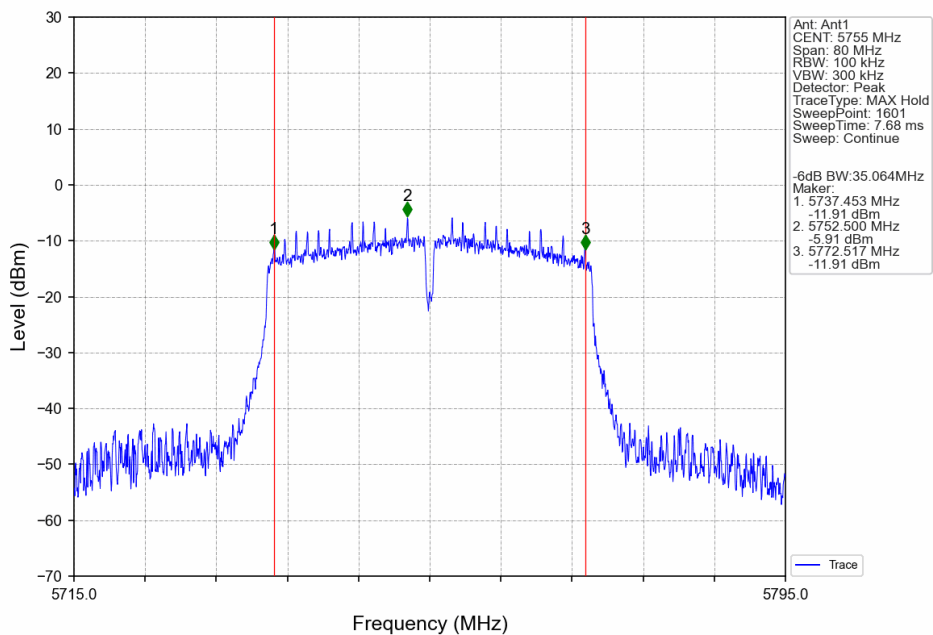
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



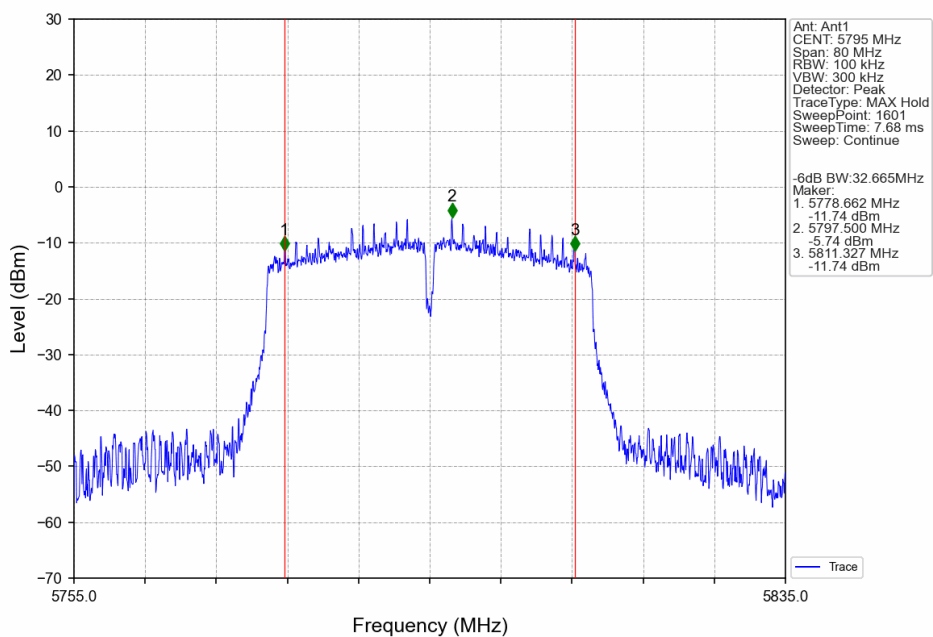
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



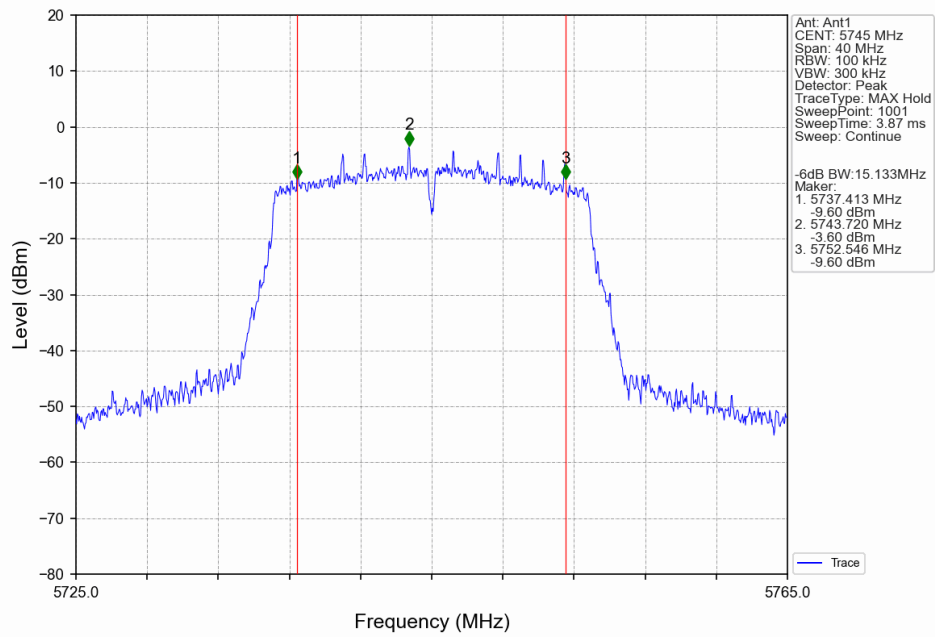
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



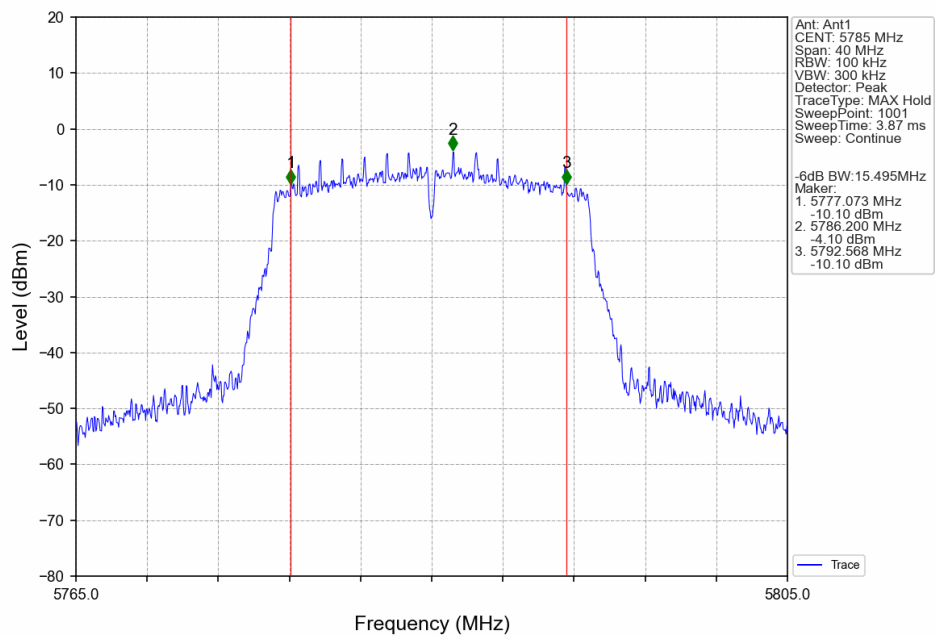
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



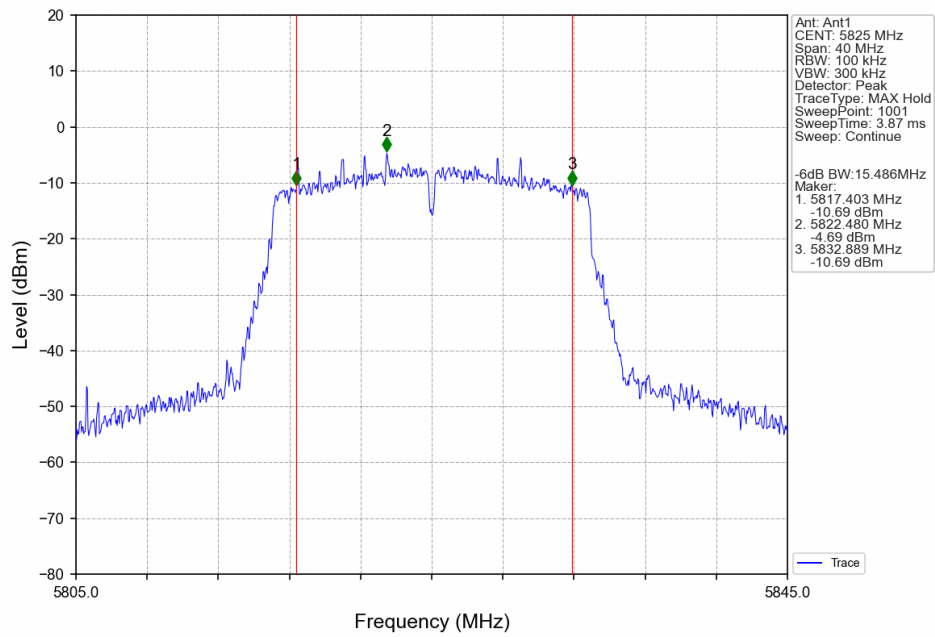
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



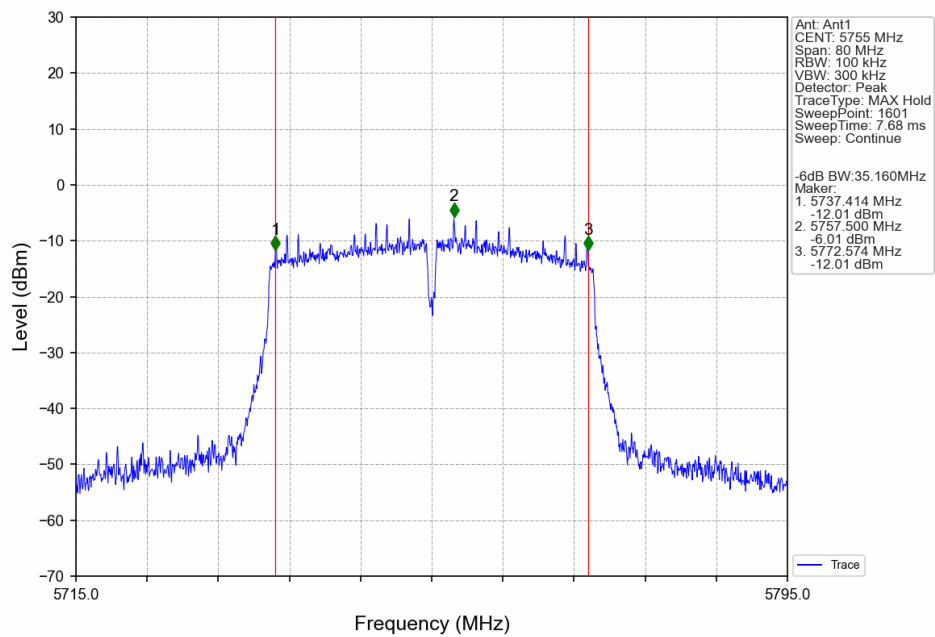
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



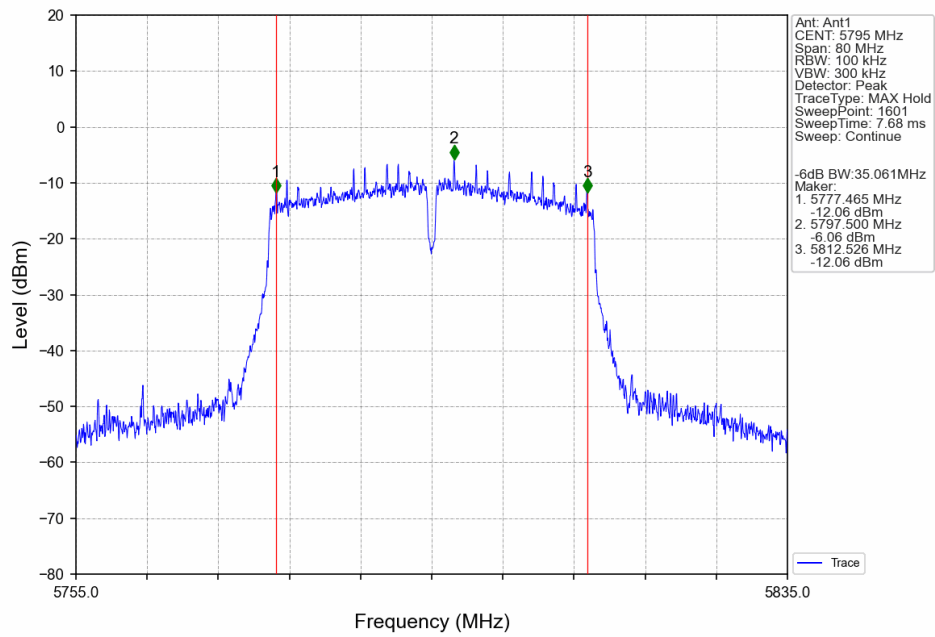
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



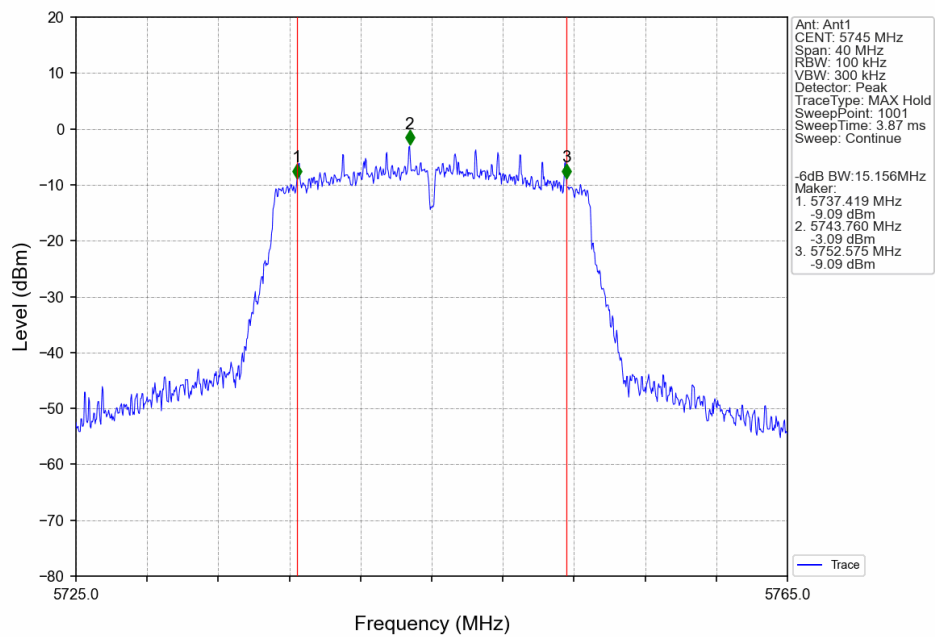
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



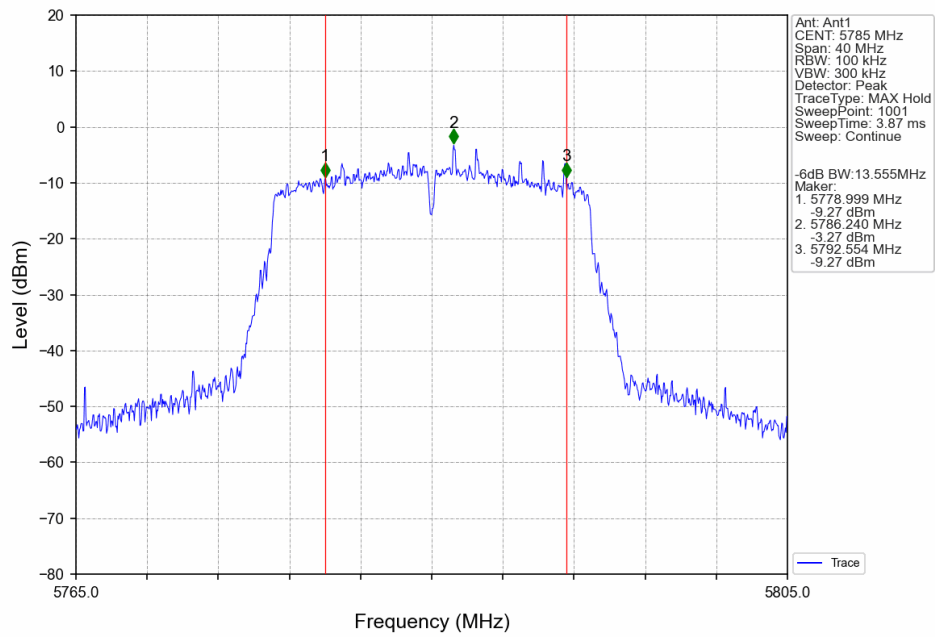
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



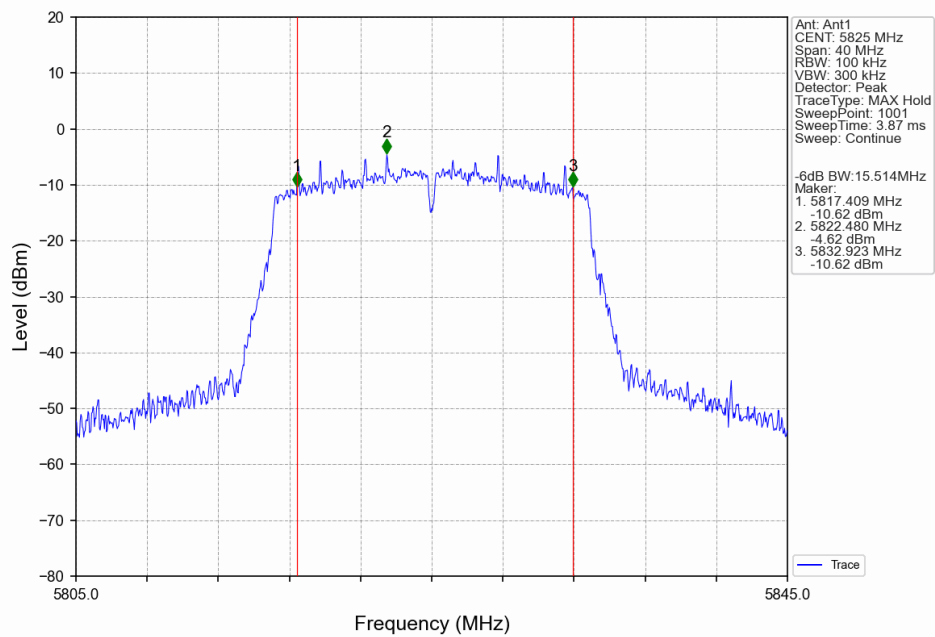
802.11ax(HEW20)_LCH_5745MHz_SU / Ant1_NTNV



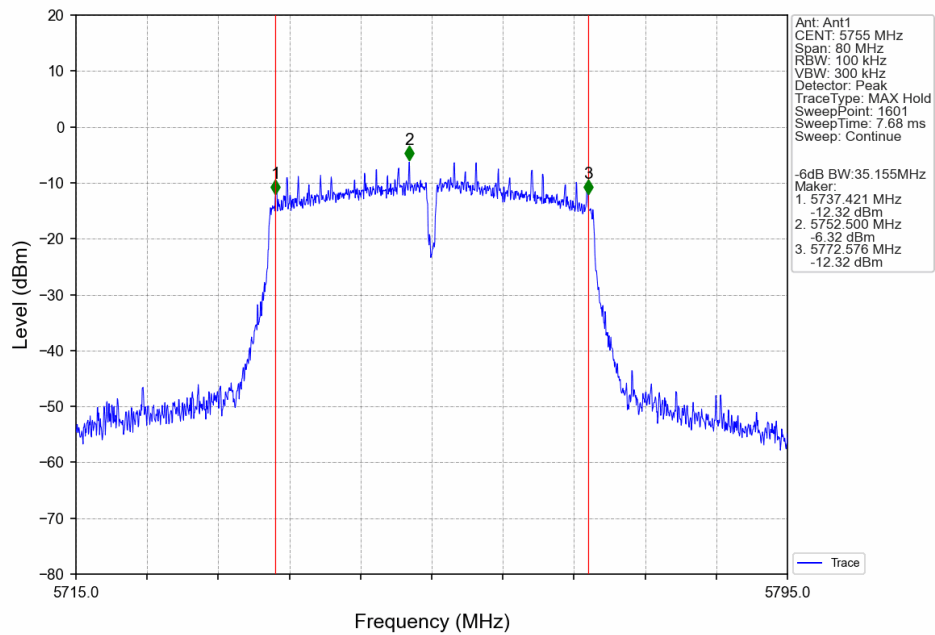
802.11ax(HEW20) MCH_5785MHz_SU / Ant1_NTNV



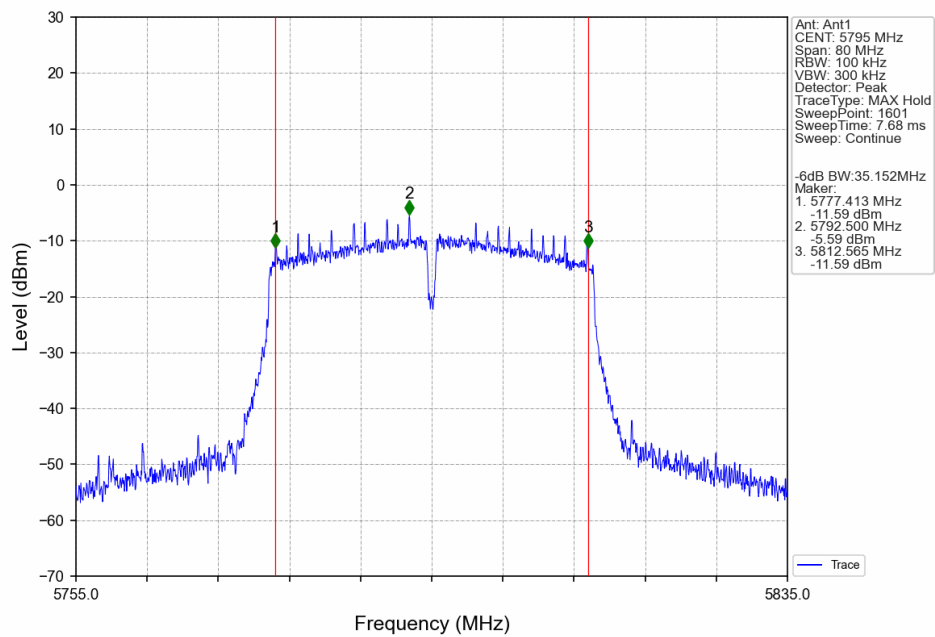
802.11ax(HEW20) HCH_5825MHz_SU / Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant1_NTNV



3. Maximum Conducted Output Power

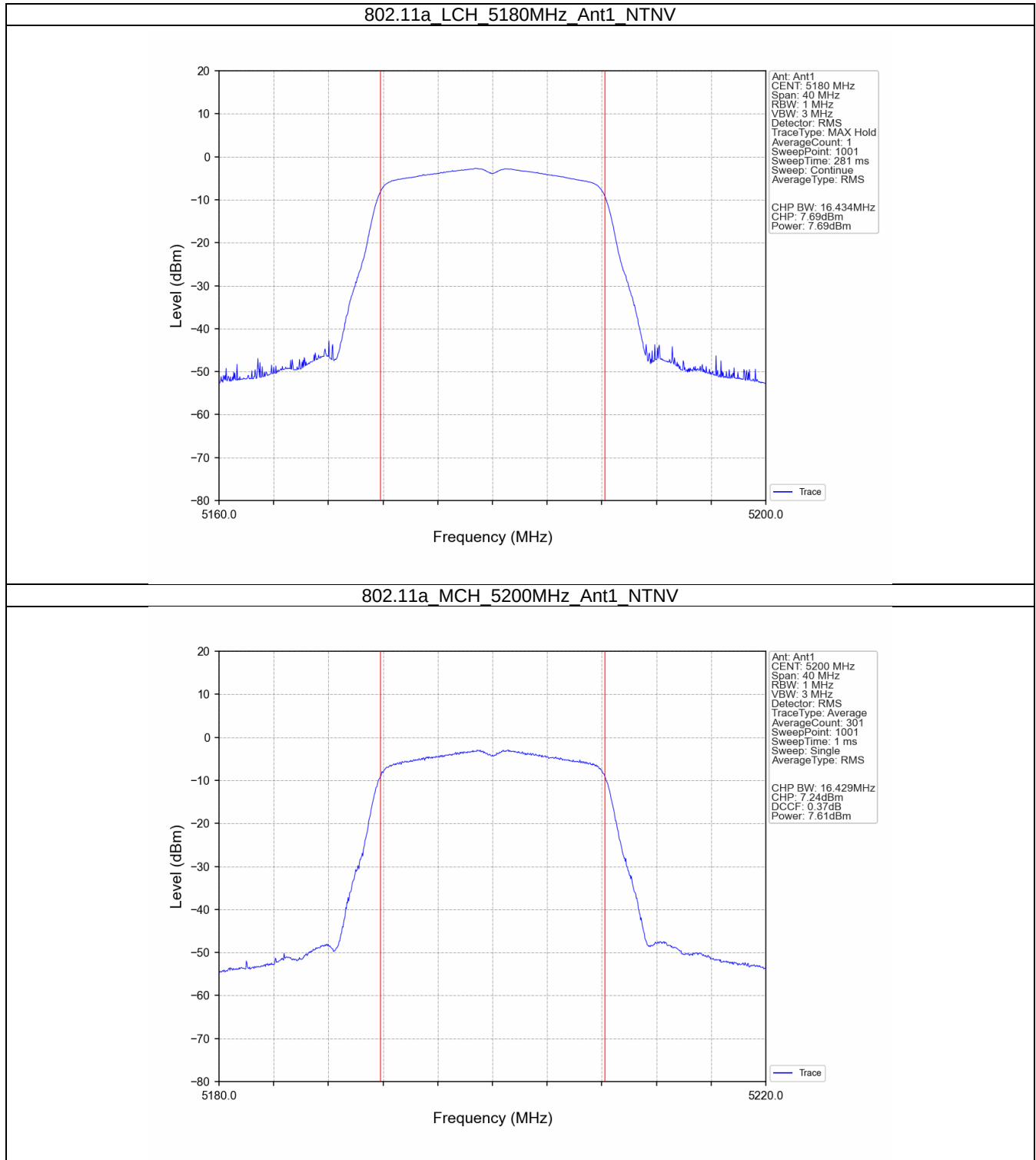
3.1 Test Result

3.1.1 Power

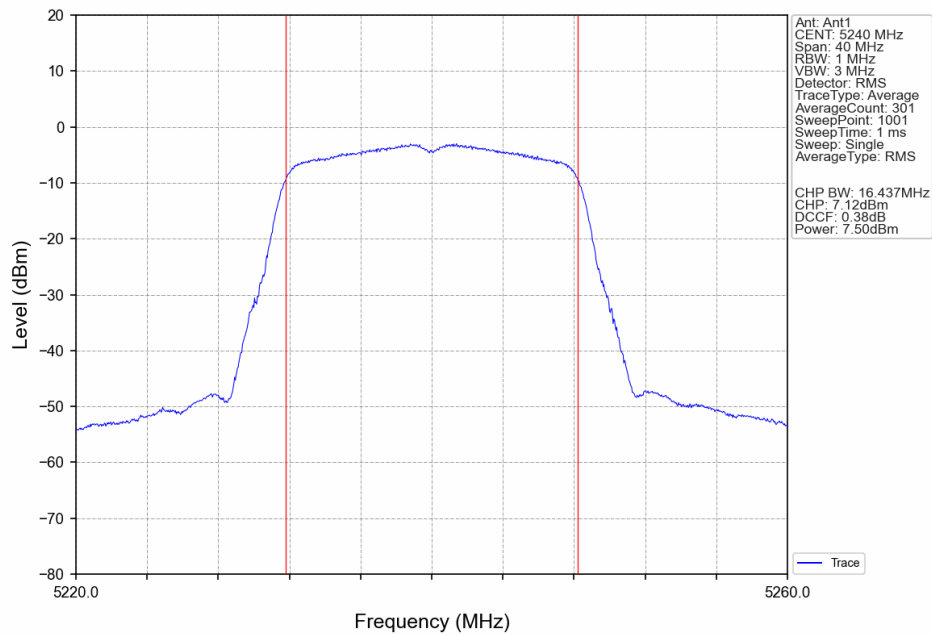
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	7.69	<=23.98	Pass
		5200	/	/	7.61	<=23.98	Pass
		5240	/	/	7.50	<=23.98	Pass
		5745	/	/	7.33	<=30	Pass
		5785	/	/	6.91	<=30	Pass
		5825	/	/	6.54	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	7.69	<=23.98	Pass
		5200	/	/	7.56	<=23.98	Pass
		5240	/	/	7.36	<=23.98	Pass
		5745	/	/	7.17	<=30	Pass
		5785	/	/	6.96	<=30	Pass
		5825	/	/	6.70	<=30	Pass
802.11n (HT40)	SISO	5190	/	/	7.59	<=23.98	Pass
		5230	/	/	7.83	<=23.98	Pass
		5755	/	/	7.58	<=30	Pass
		5795	/	/	7.27	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	7.76	<=23.98	Pass
		5200	/	/	7.37	<=23.98	Pass
		5240	/	/	7.29	<=23.98	Pass
		5745	/	/	6.74	<=30	Pass
		5785	/	/	6.50	<=30	Pass
		5825	/	/	6.33	<=30	Pass
802.11ac (VHT40)	SISO	5190	/	/	7.69	<=23.98	Pass
		5230	/	/	7.49	<=23.98	Pass
		5755	/	/	7.17	<=30	Pass
		5795	/	/	6.76	<=30	Pass
802.11ax (HEW20)	SISO	5180	SU	/	8.02	<=23.98	Pass
		5200	SU	/	7.87	<=23.98	Pass
		5240	SU	/	7.71	<=23.98	Pass
		5745	SU	/	6.99	<=30	Pass
		5785	SU	/	6.56	<=30	Pass
		5825	SU	/	6.34	<=30	Pass
802.11ax (HEW40)	SISO	5190	SU	/	8.02	<=23.98	Pass
		5230	SU	/	7.95	<=23.98	Pass
		5755	SU	/	7.17	<=30	Pass
		5795	SU	/	7.09	<=30	Pass

3.2 Test Graph

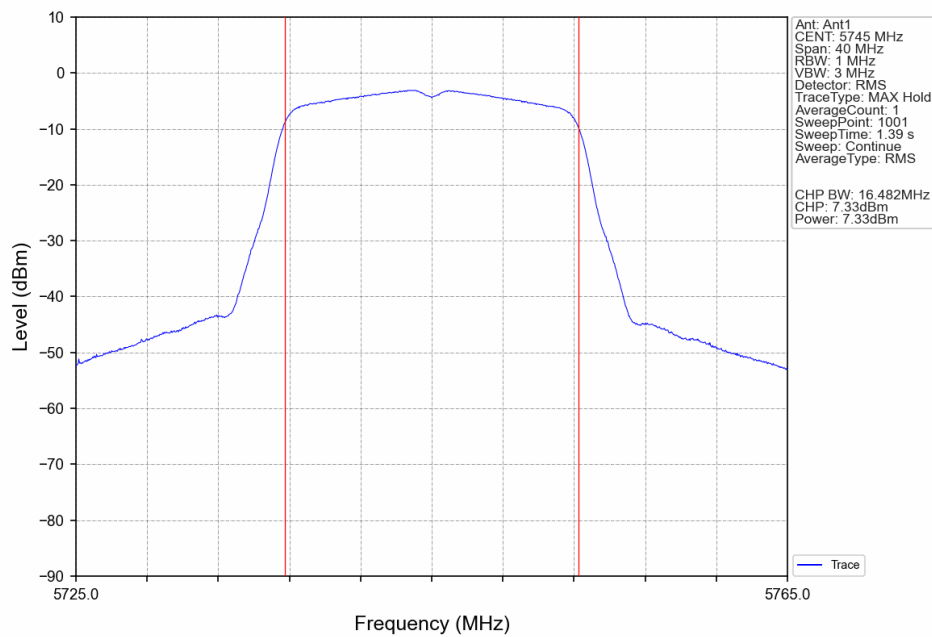
3.2.1 Power



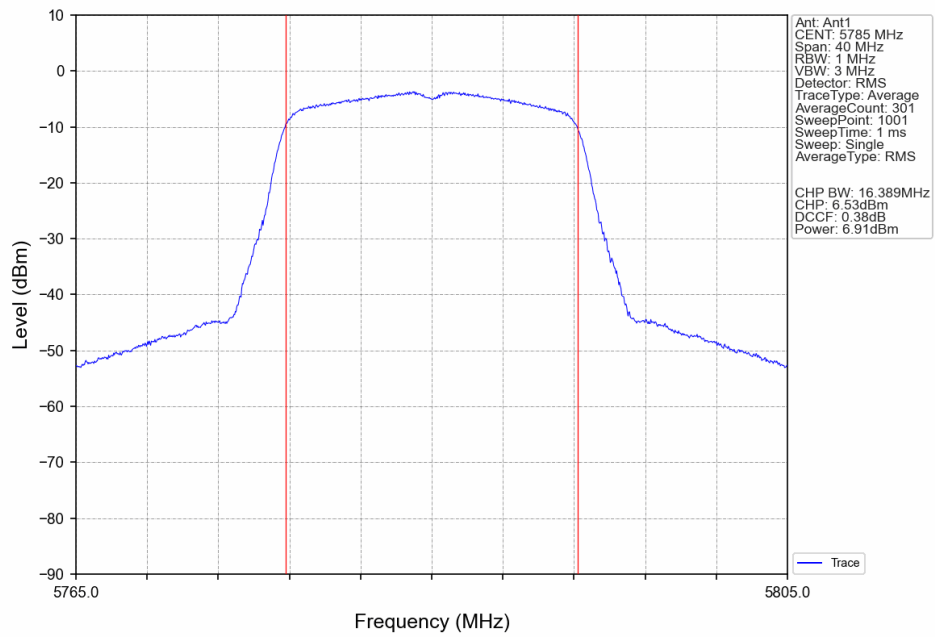
802.11a_HCH_5240MHz_Ant1_NTNV



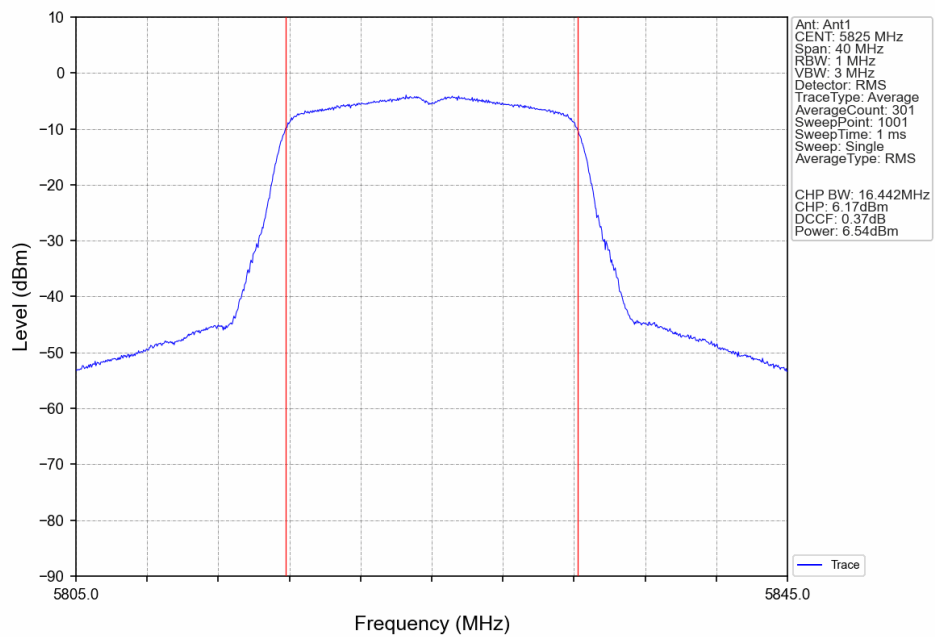
802.11a_LCH_5745MHz_Ant1_NTNV



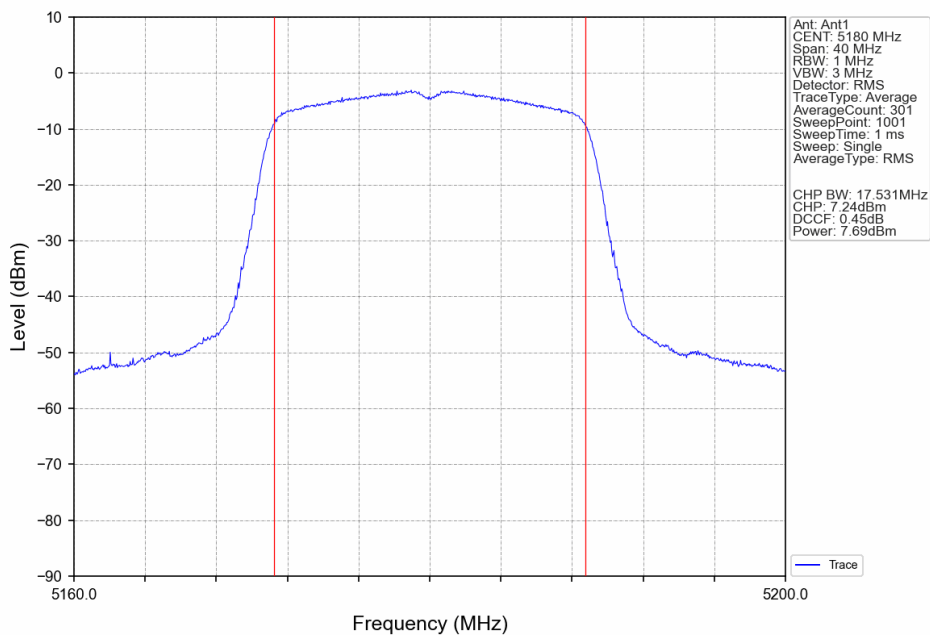
802.11a_MCH_5785MHz_Ant1_NTNV



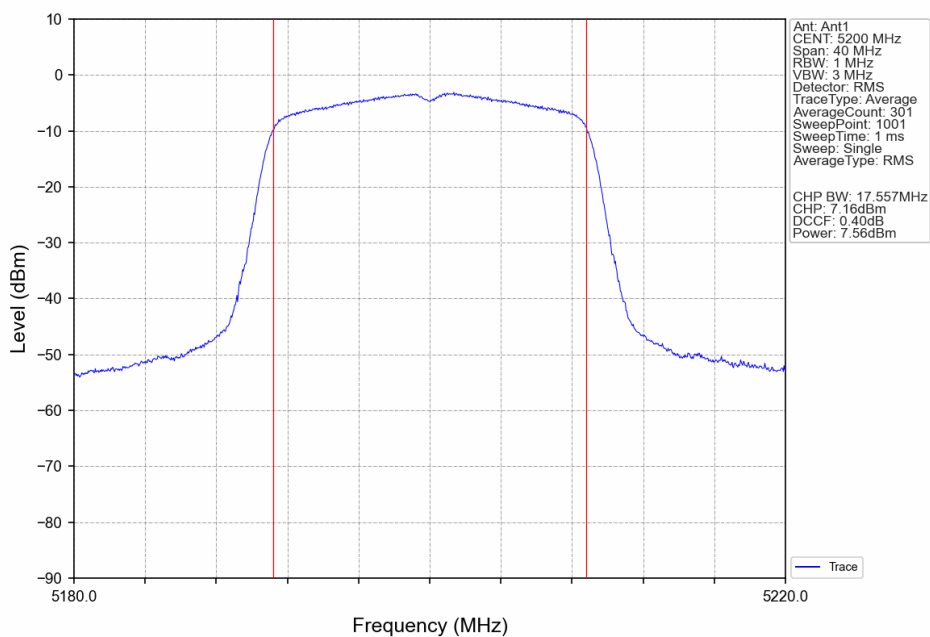
802.11a_HCH_5825MHz_Ant1_NTNV



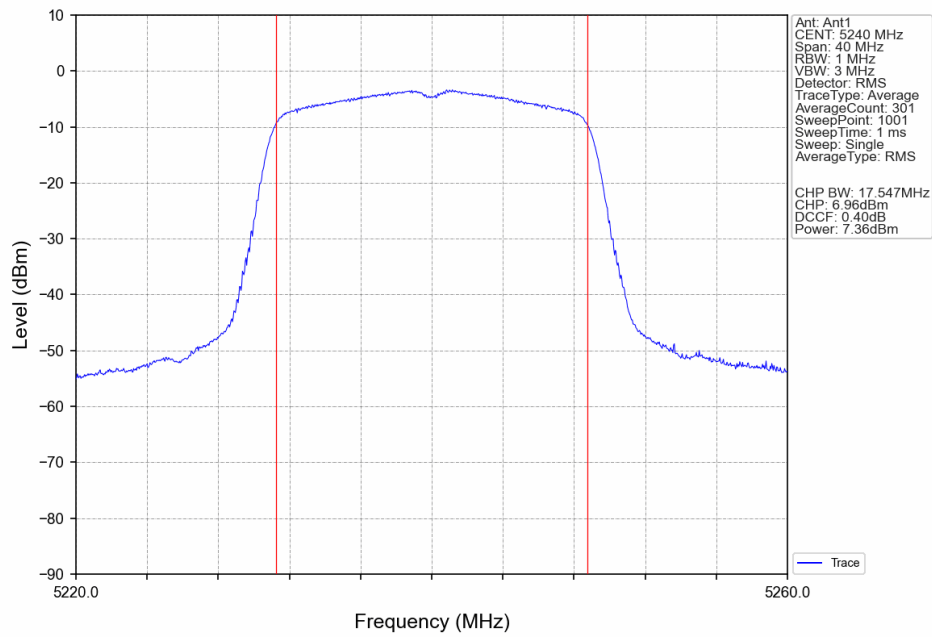
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



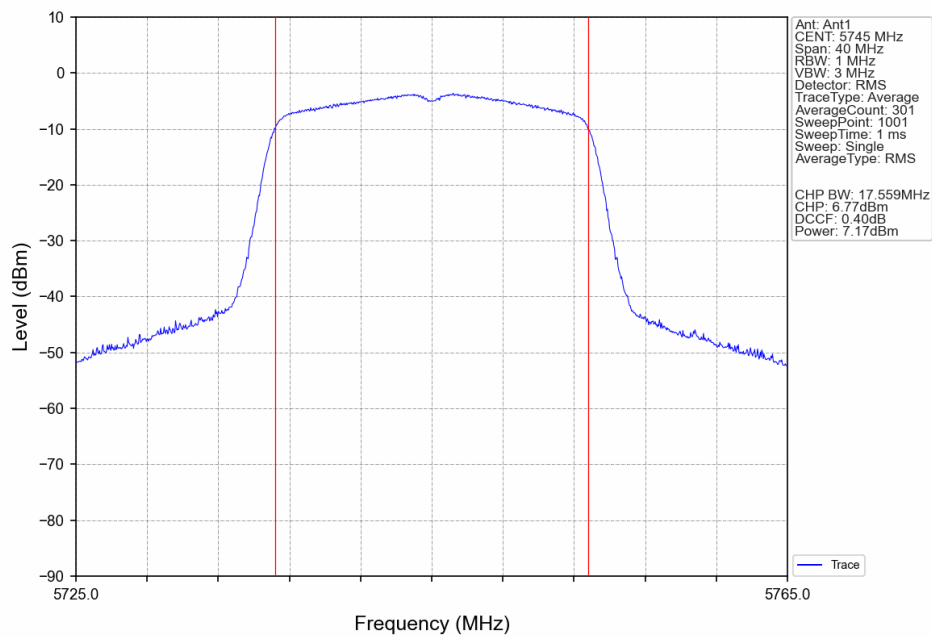
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



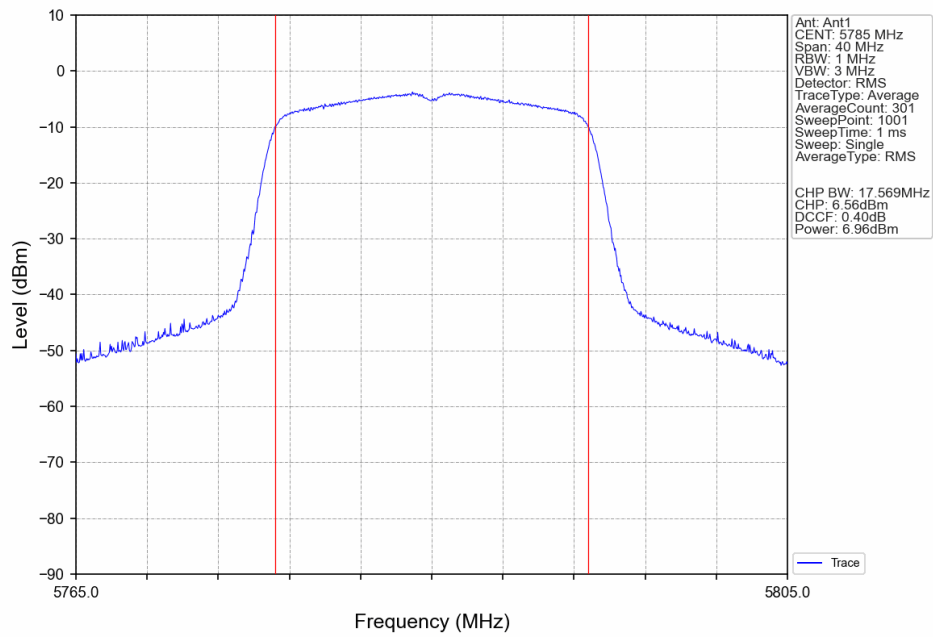
802.11n(HT20) HCH 5240MHz Ant1_NTNV



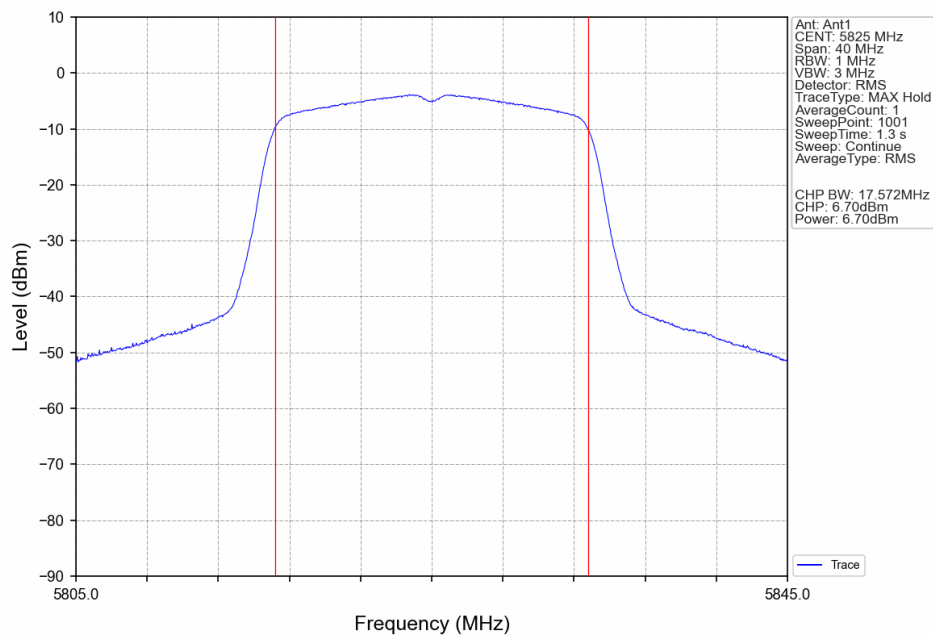
802.11n(HT20) LCH 5745MHz Ant1_NTNV



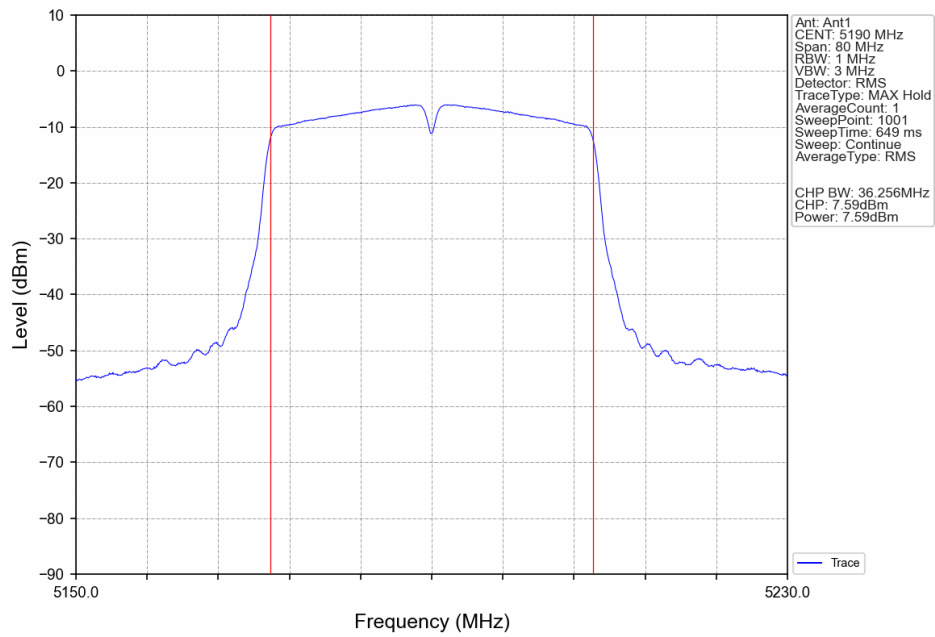
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



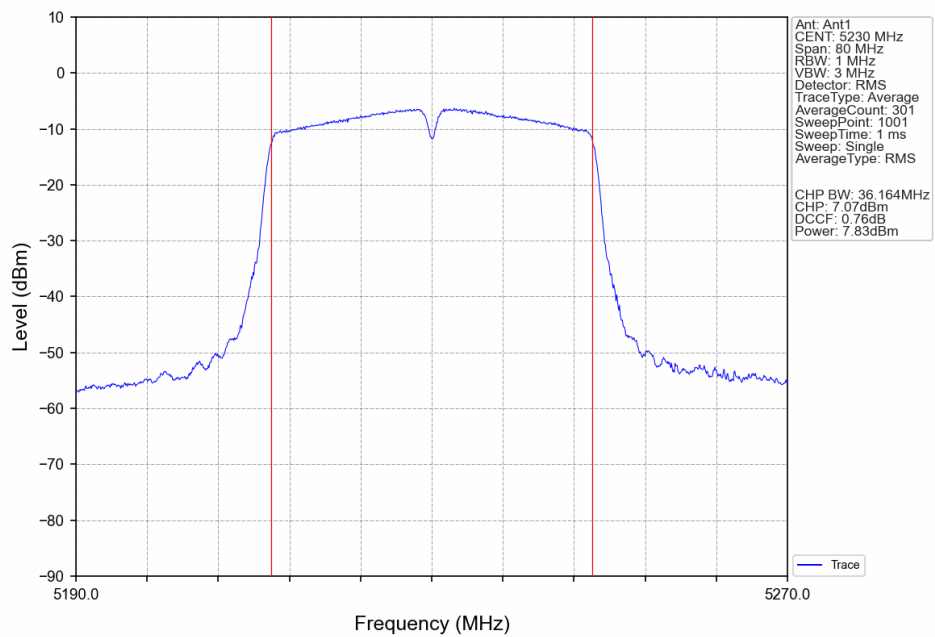
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



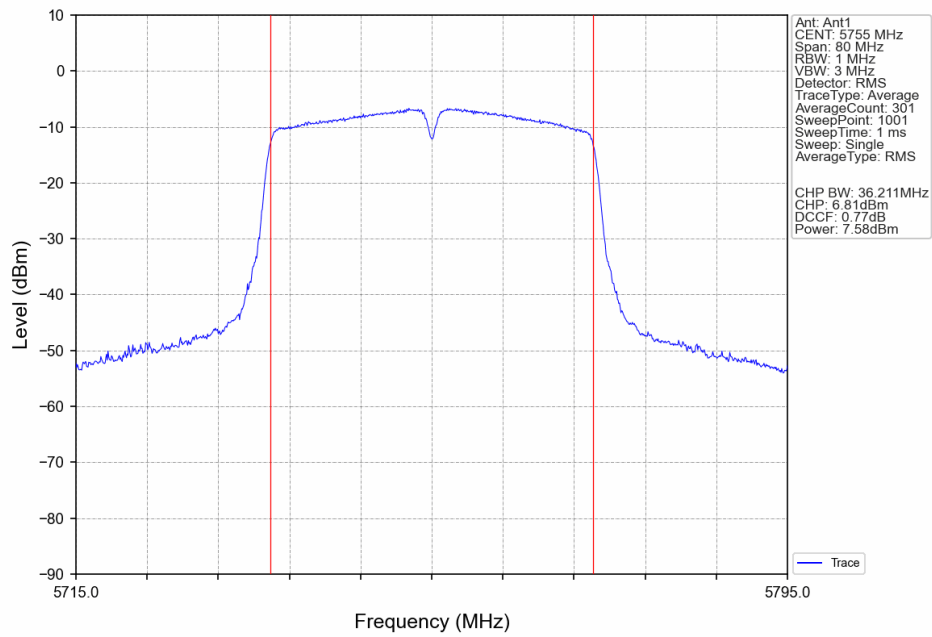
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



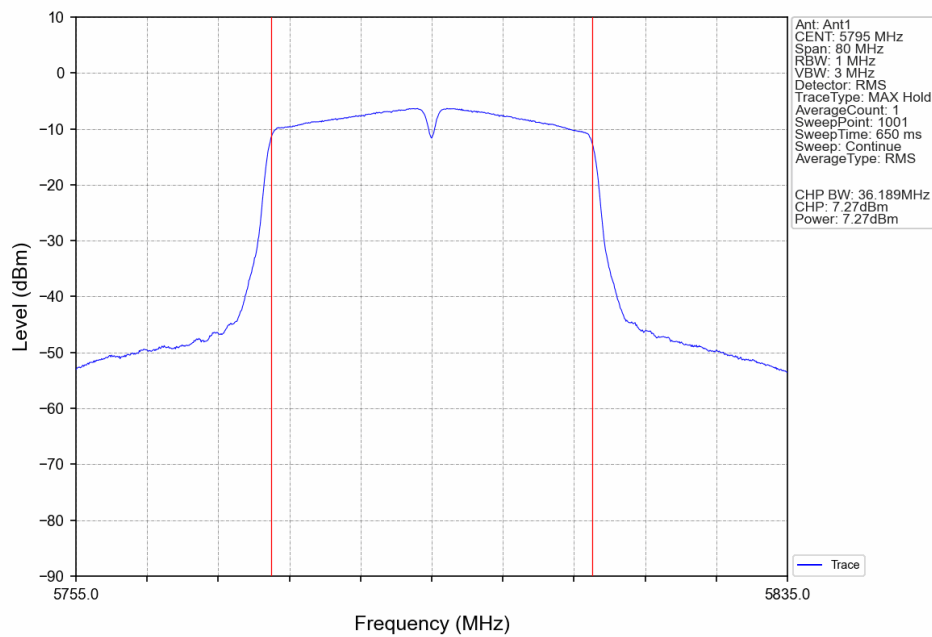
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



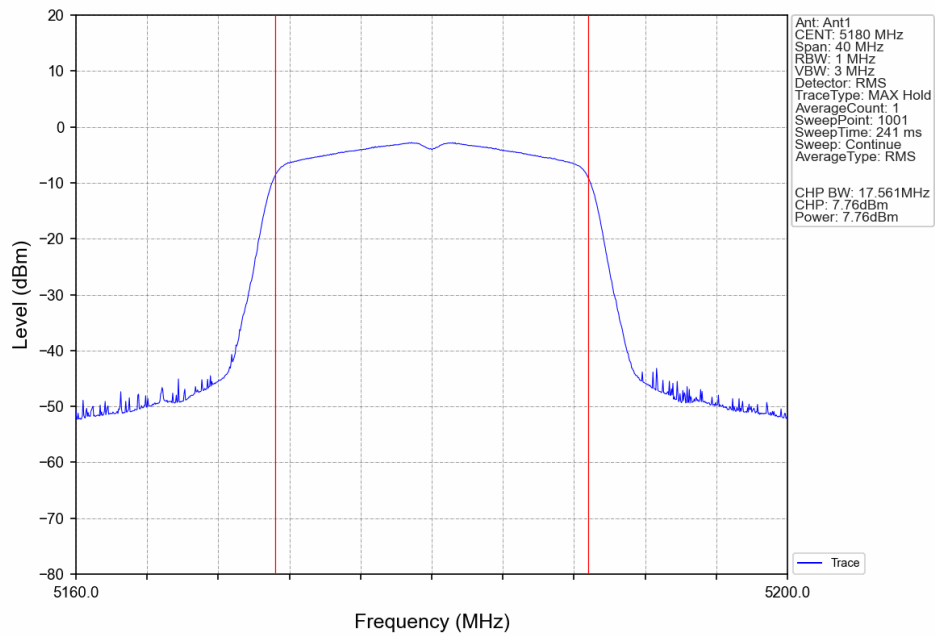
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



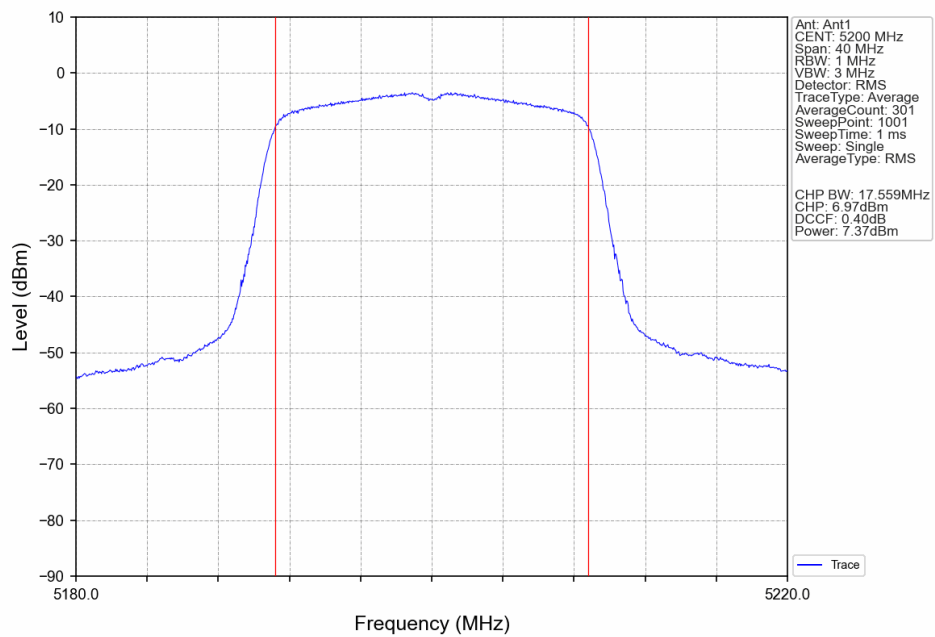
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



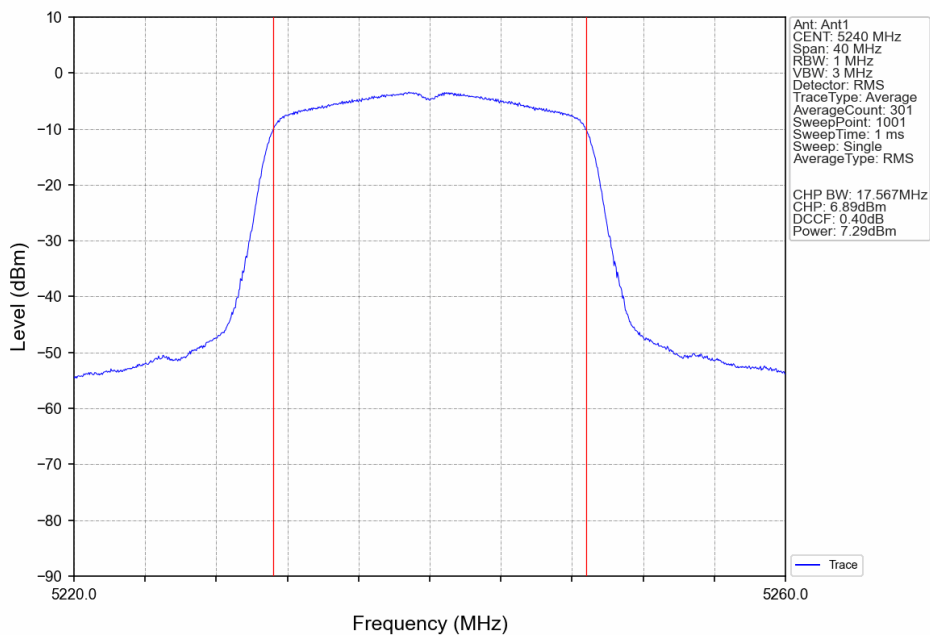
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



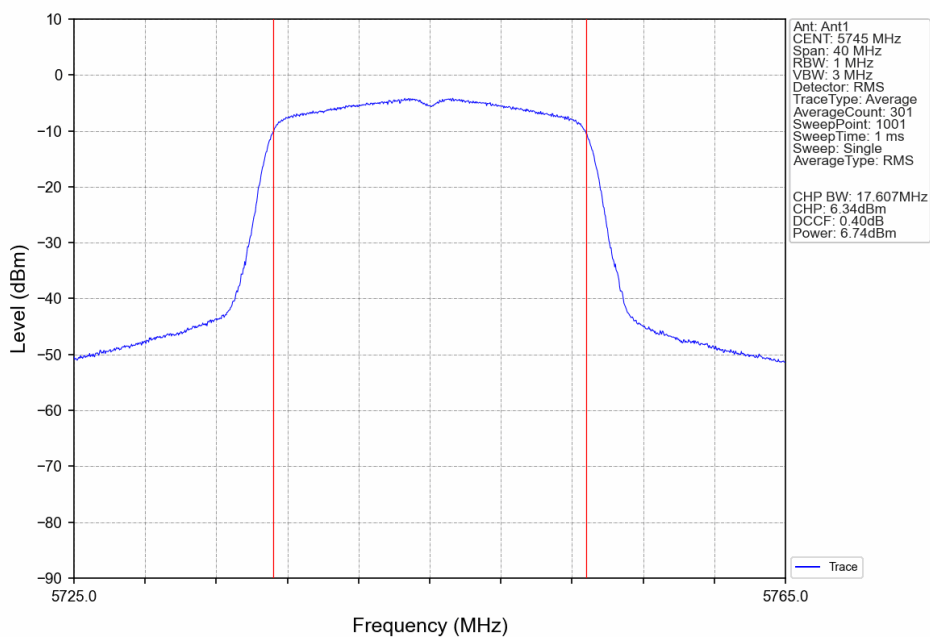
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



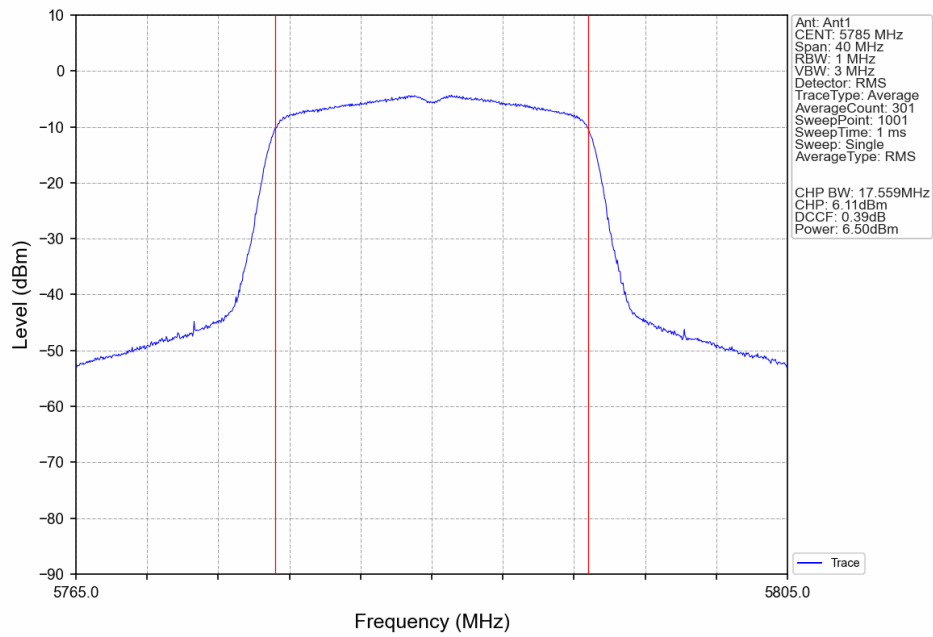
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



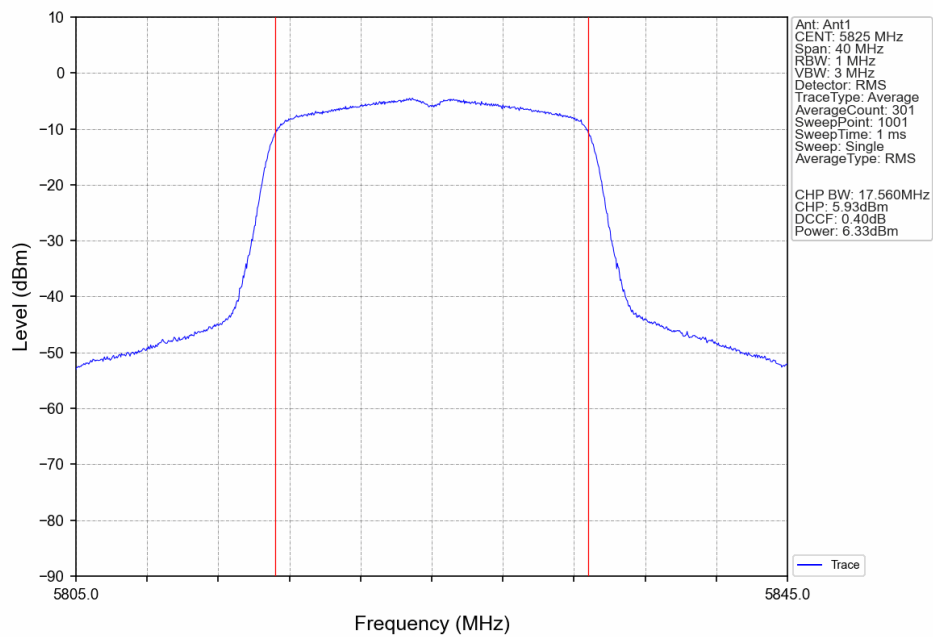
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



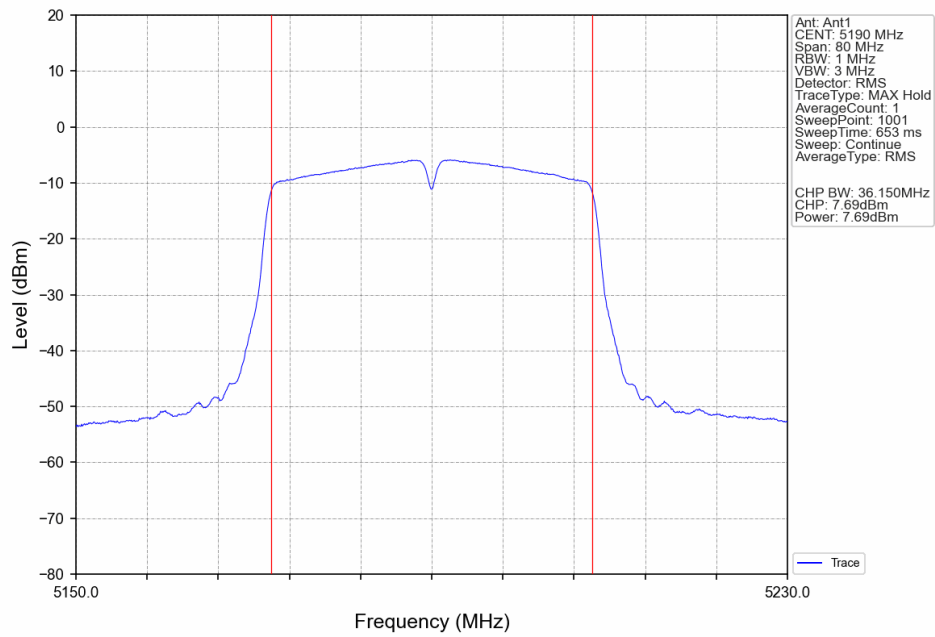
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



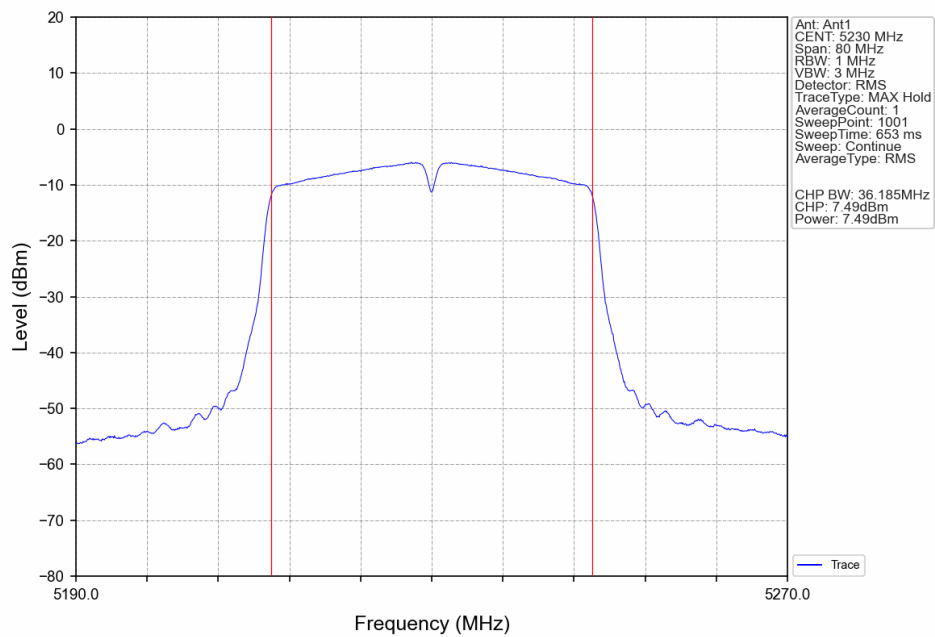
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



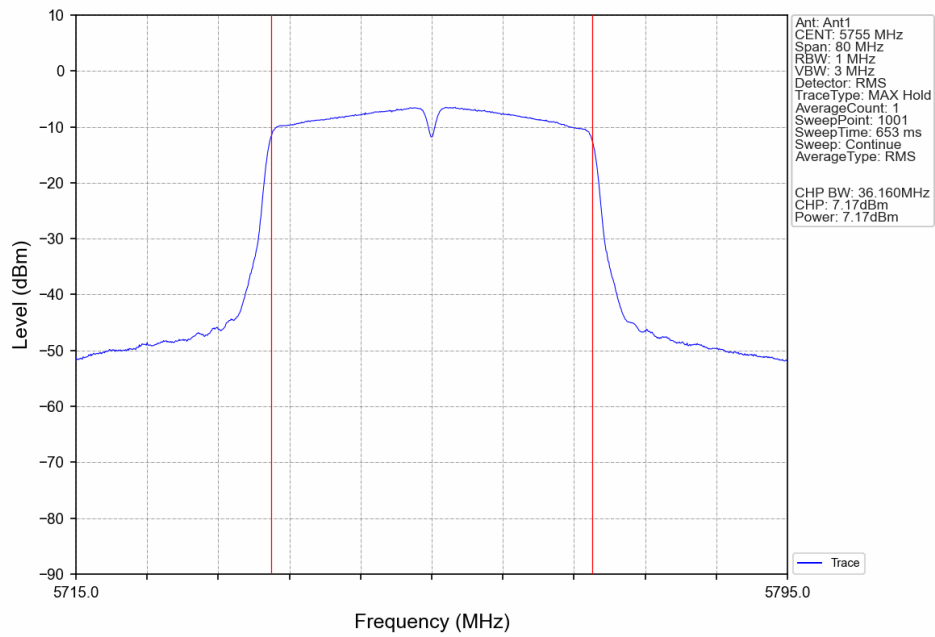
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



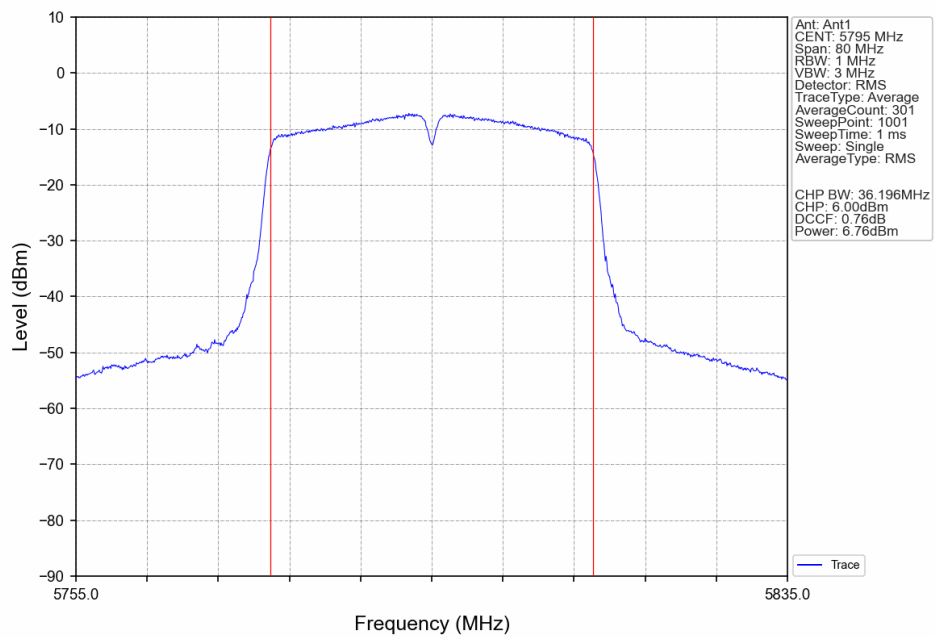
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



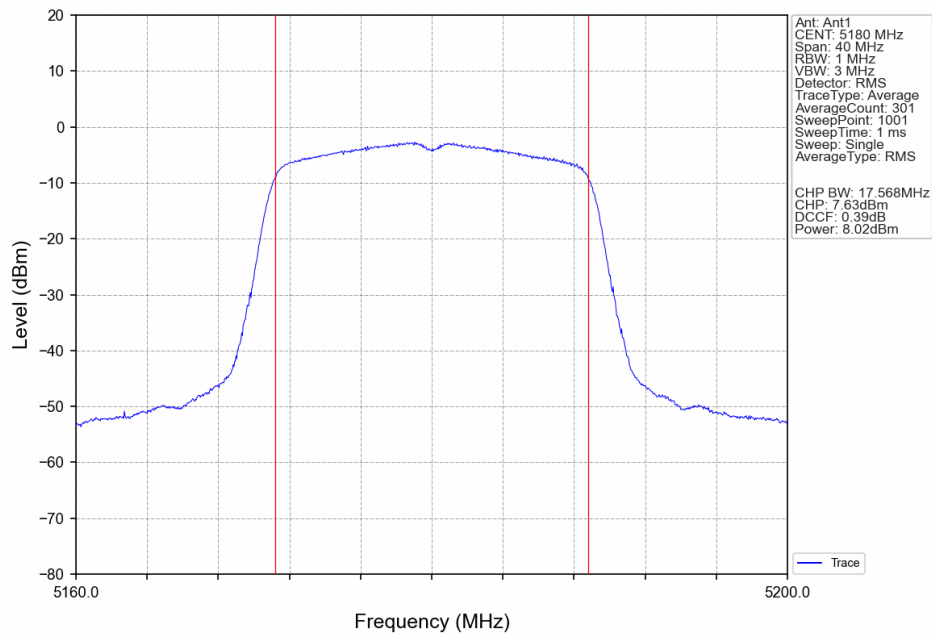
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



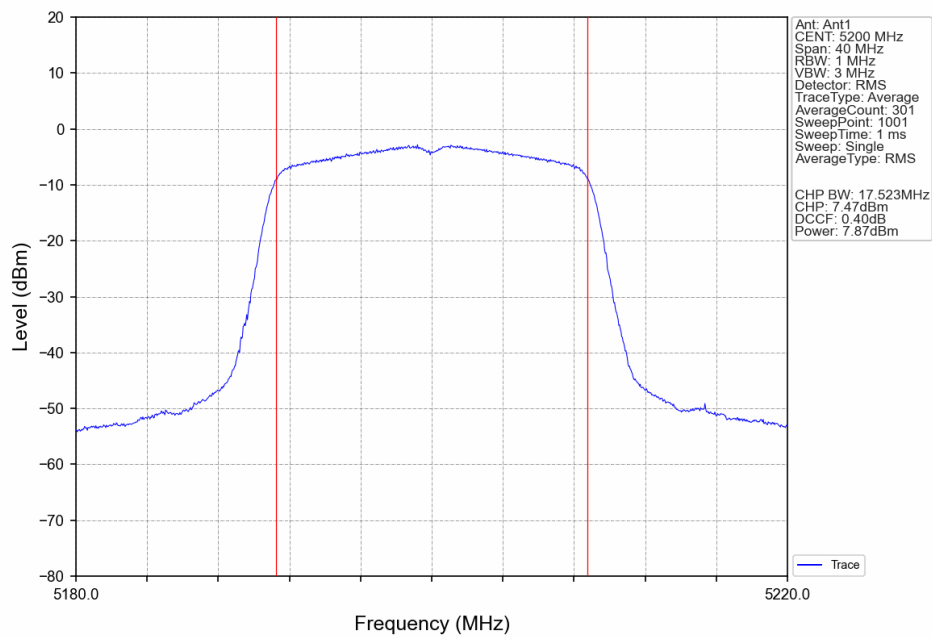
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



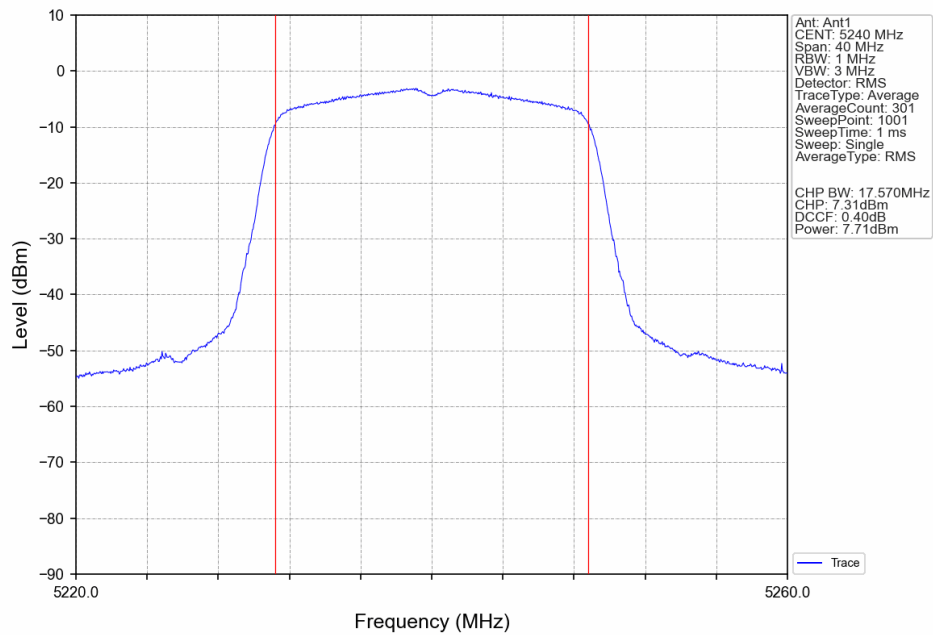
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



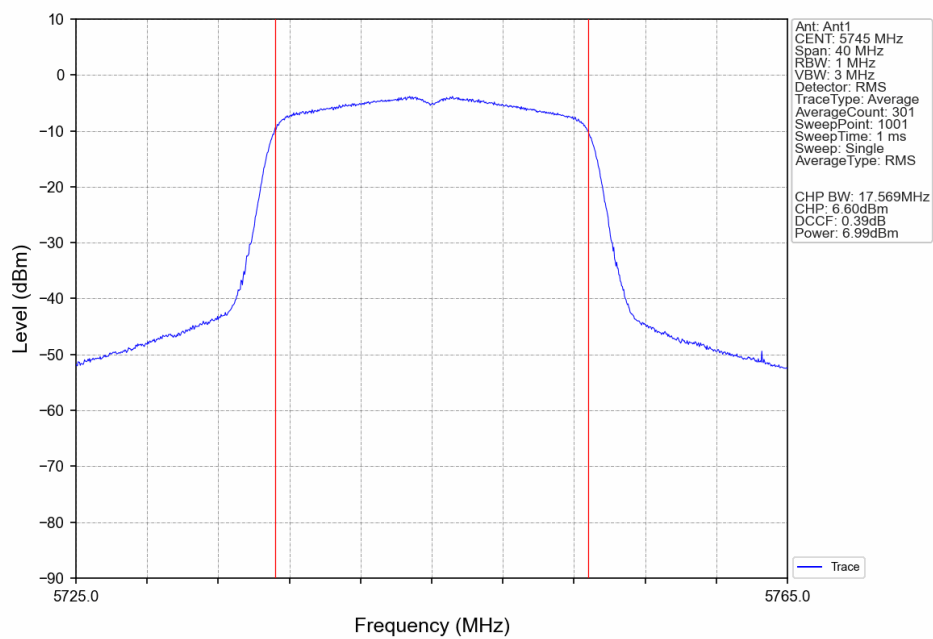
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



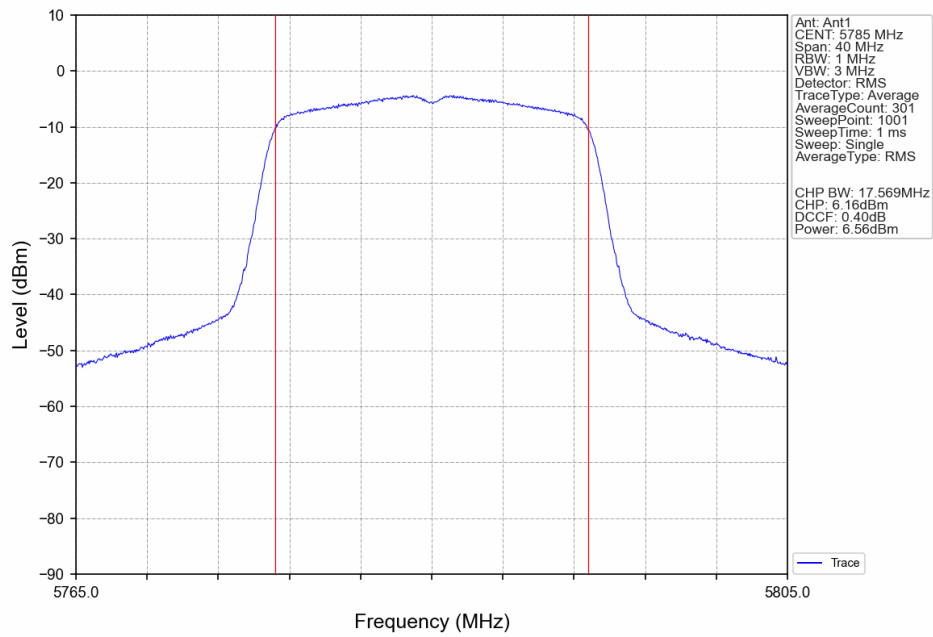
802.11ax(HEW20)_HCH_5240MHz_SU / _Ant1_NTNV



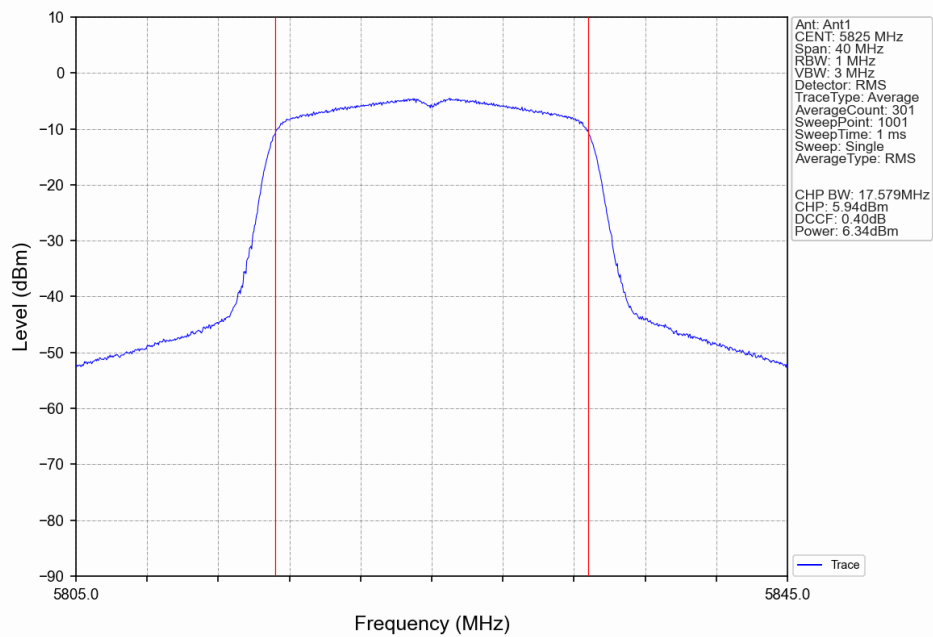
802.11ax(HEW20)_LCH_5745MHz_SU / _Ant1_NTNV



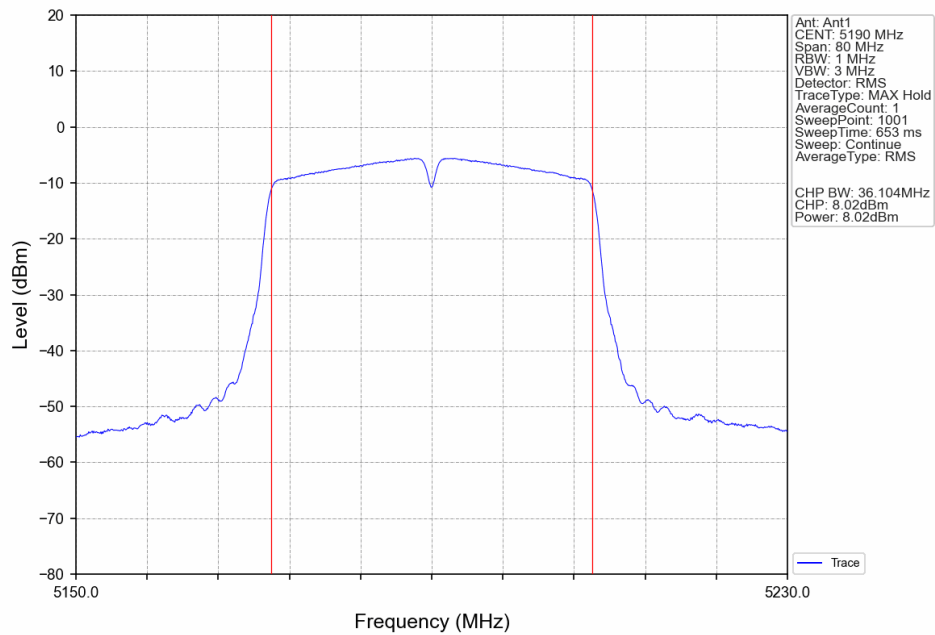
802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



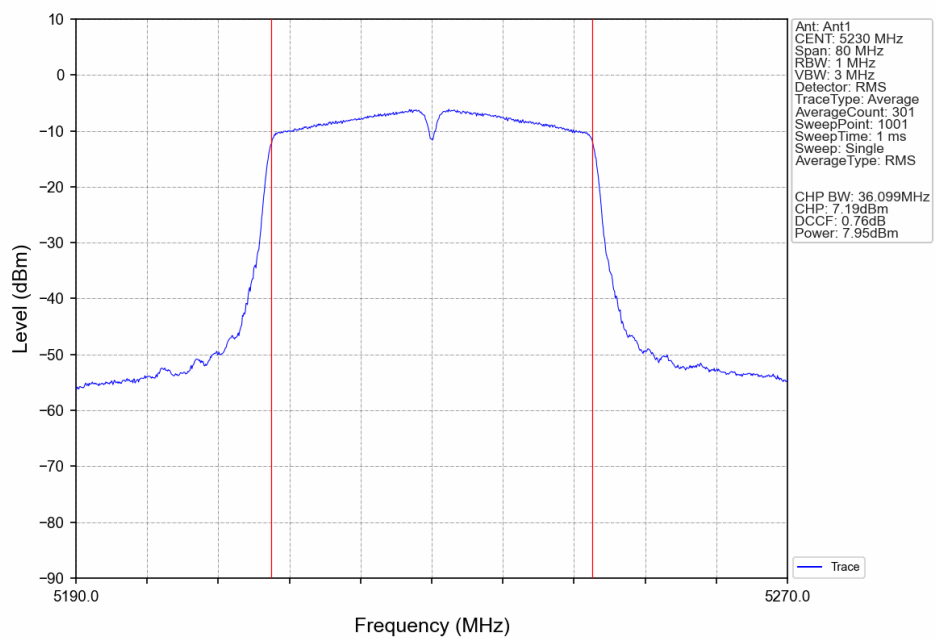
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



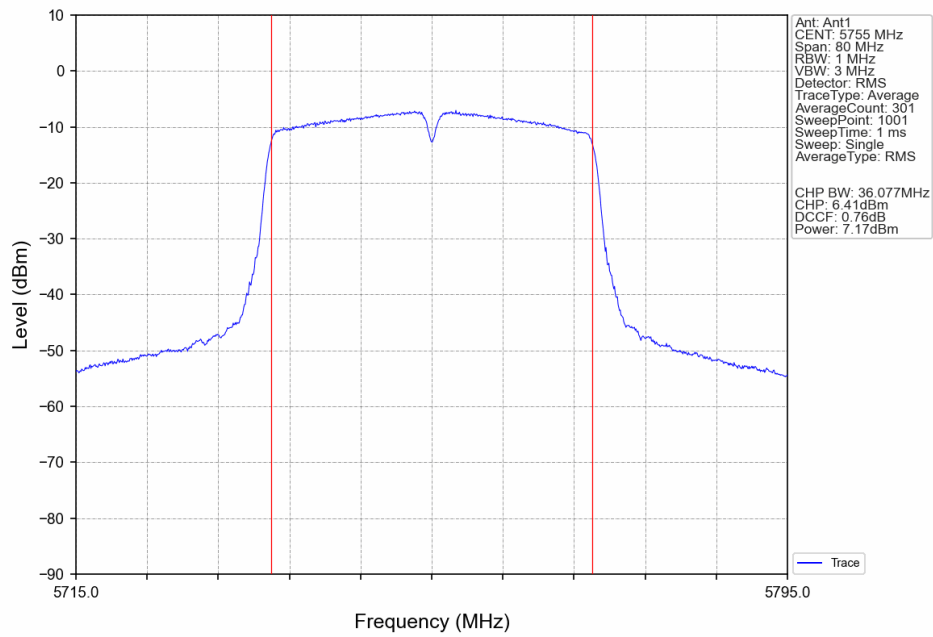
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



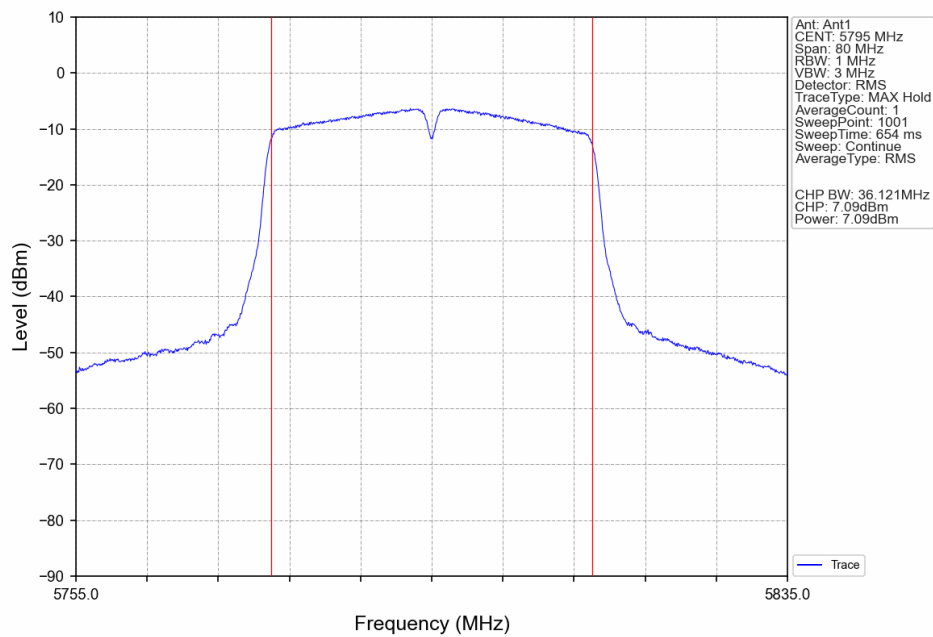
802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	-2.66	<=11	Pass
		5200	/	/	-2.44	<=11	Pass
		5240	/	/	-2.74	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-2.73	<=11	Pass
		5200	/	/	-2.85	<=11	Pass
		5240	/	/	-2.83	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-6.03	<=11	Pass
		5230	/	/	-5.46	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-2.85	<=11	Pass
		5200	/	/	-3.04	<=11	Pass
		5240	/	/	-3.13	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-5.92	<=11	Pass
		5230	/	/	-5.98	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	-2.22	<=11	Pass
		5200	SU	/	-2.57	<=11	Pass
		5240	SU	/	-2.72	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-6.06	<=11	Pass
		5230	SU	/	-5.38	<=11	Pass

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-5.93	<=30	Pass
		5785	/	/	-6.19	<=30	Pass
		5825	/	/	-6.53	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-6.27	<=30	Pass
		5785	/	/	-6.28	<=30	Pass
		5825	/	/	-7.05	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-8.81	<=30	Pass
		5795	/	/	-9.19	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-6.41	<=30	Pass
		5785	/	/	-6.87	<=30	Pass
		5825	/	/	-6.95	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-9.23	<=30	Pass
		5795	/	/	-9.36	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-6.42	<=30	Pass
		5785	SU	/	-6.63	<=30	Pass
		5825	SU	/	-6.91	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-9.14	<=30	Pass
		5795	SU	/	-9.46	<=30	Pass

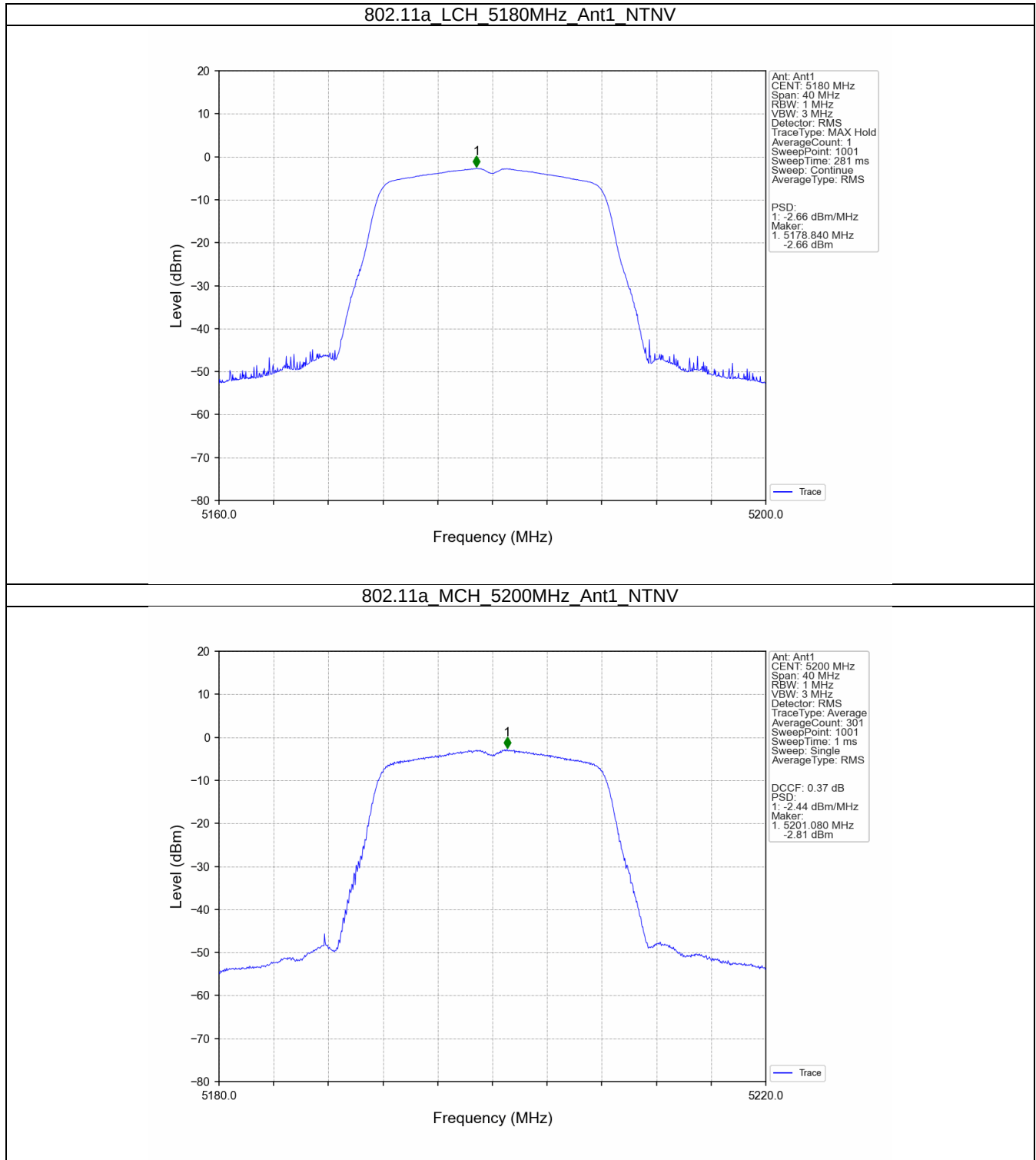
Note1: Antenna Gain:

- Band: 1 Ant1: 0.78dBi;

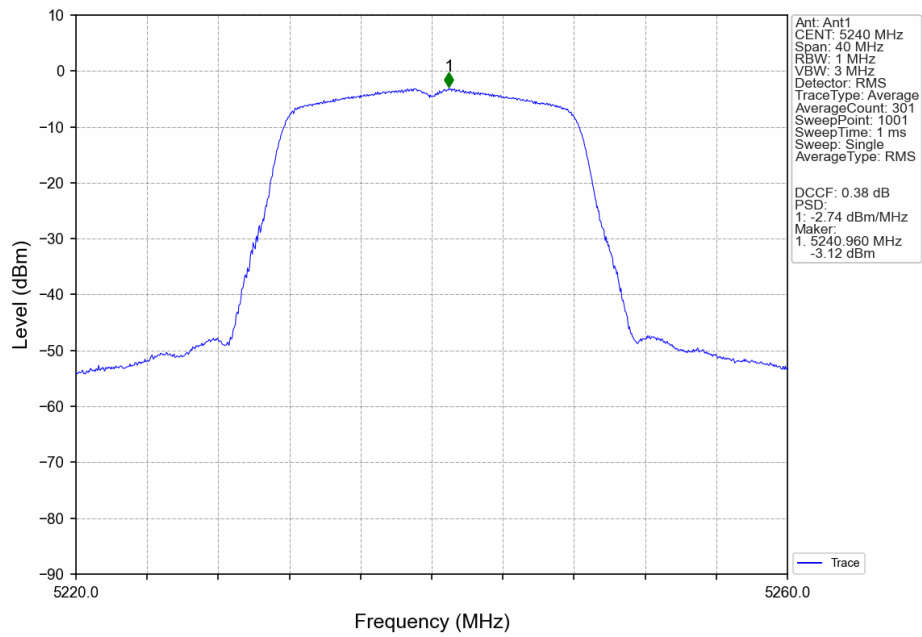
- Band: 3 Ant1: 0.78dBi;

4.2 Test Graph

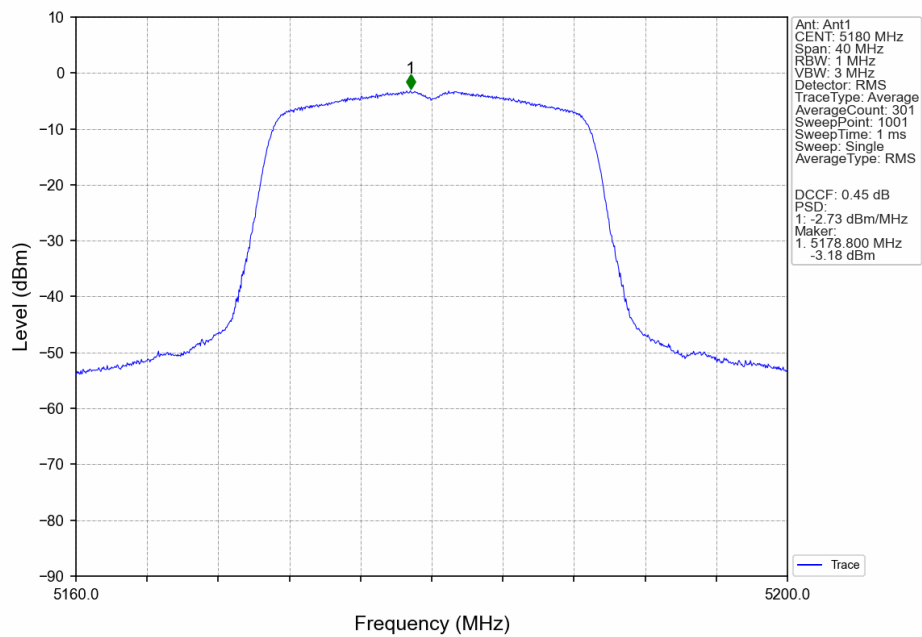
4.2.1 PSD



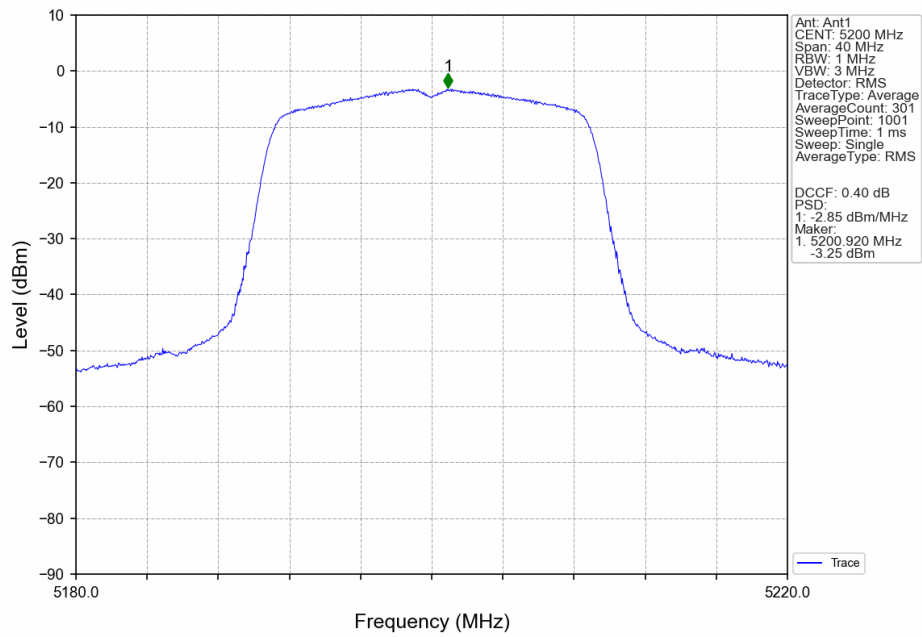
802.11a_HCH_5240MHz_Ant1_NTNV



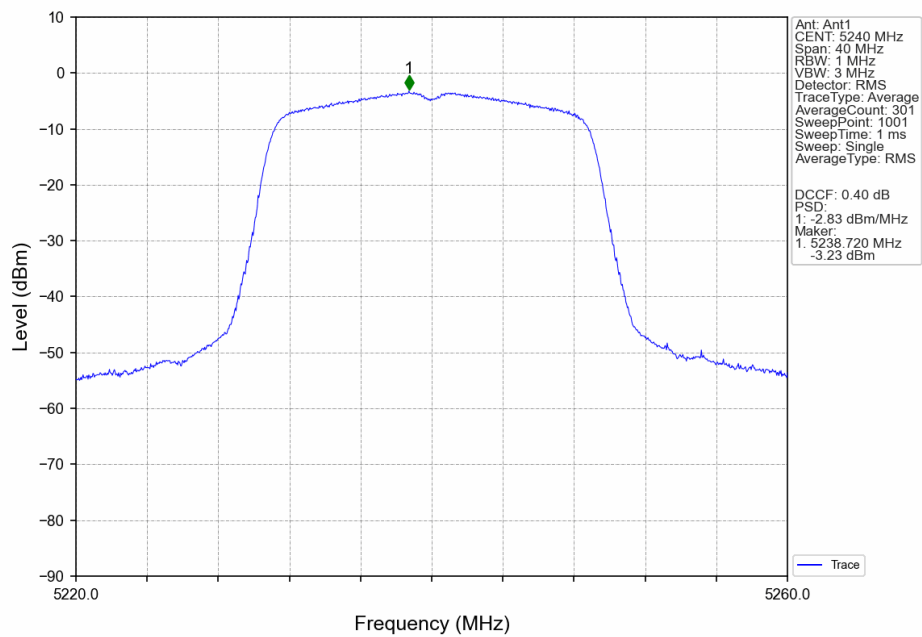
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



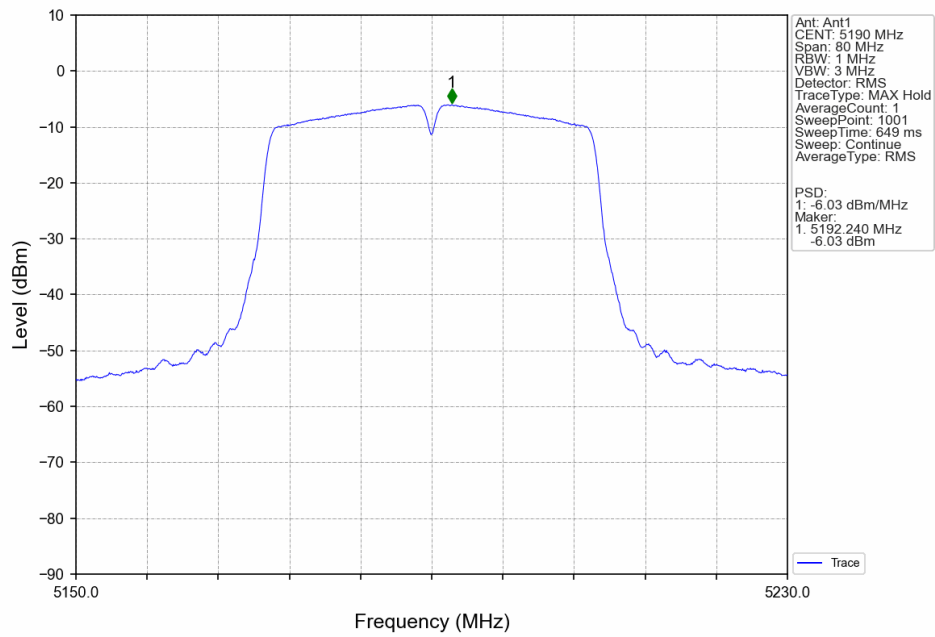
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



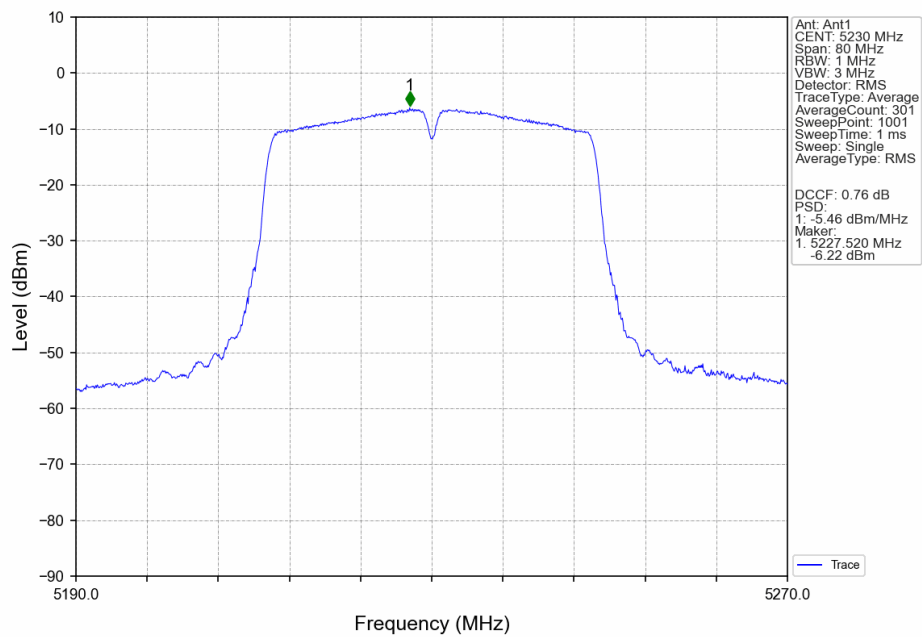
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



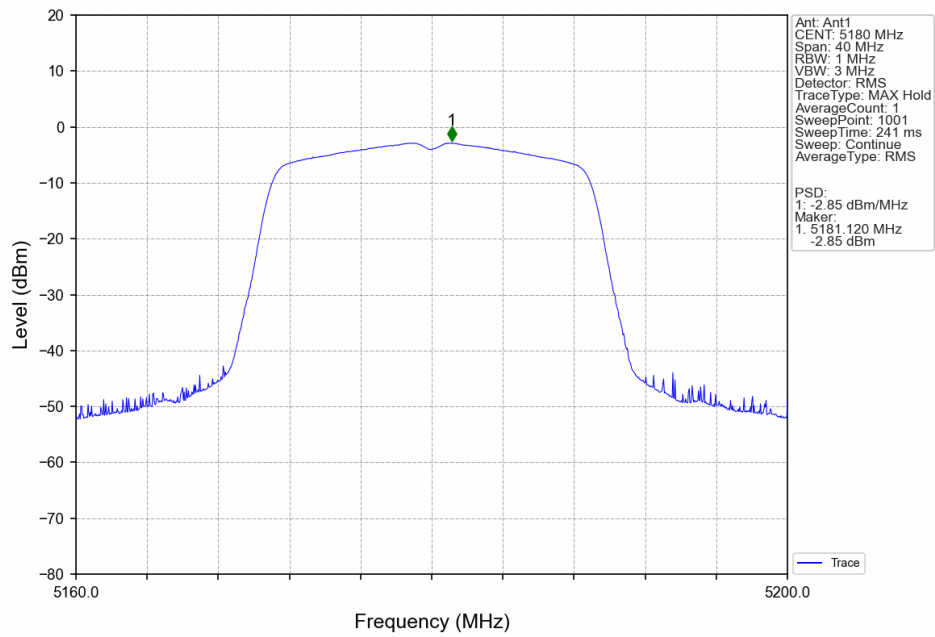
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



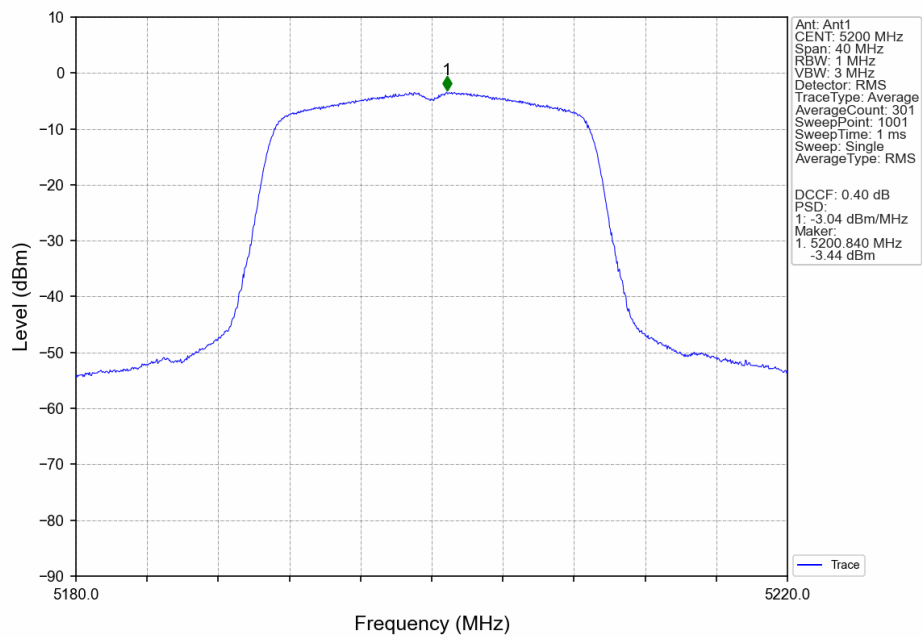
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



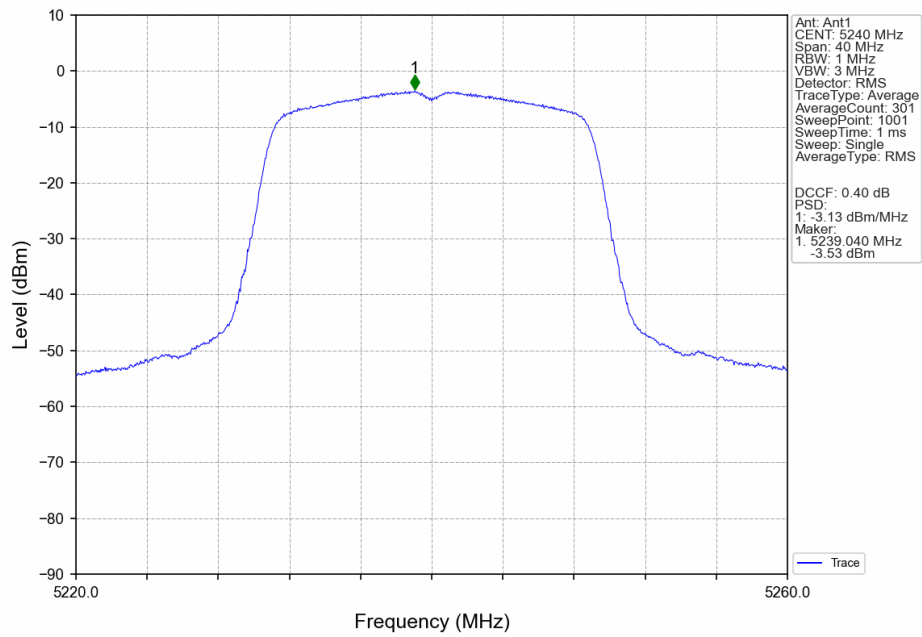
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



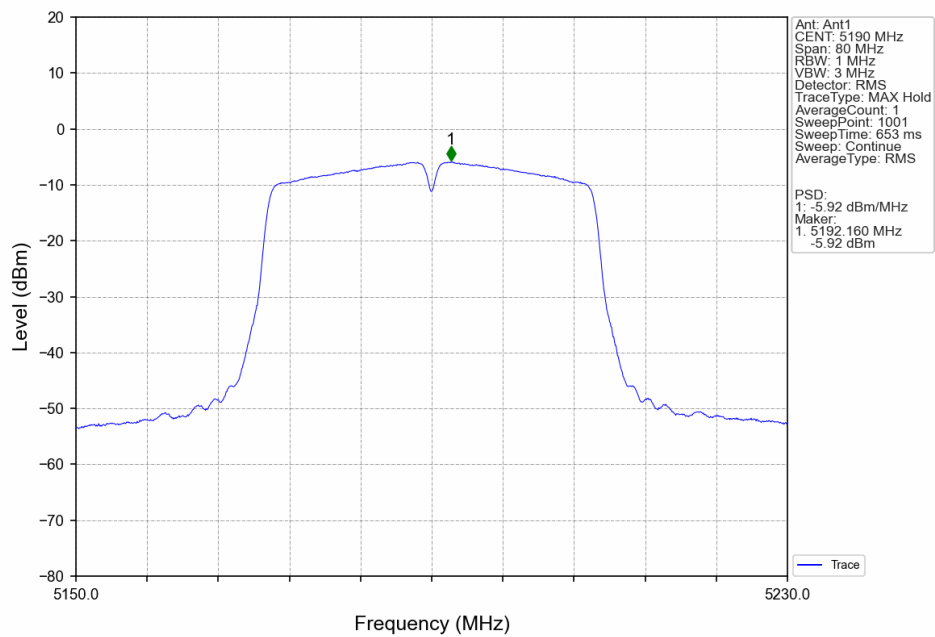
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



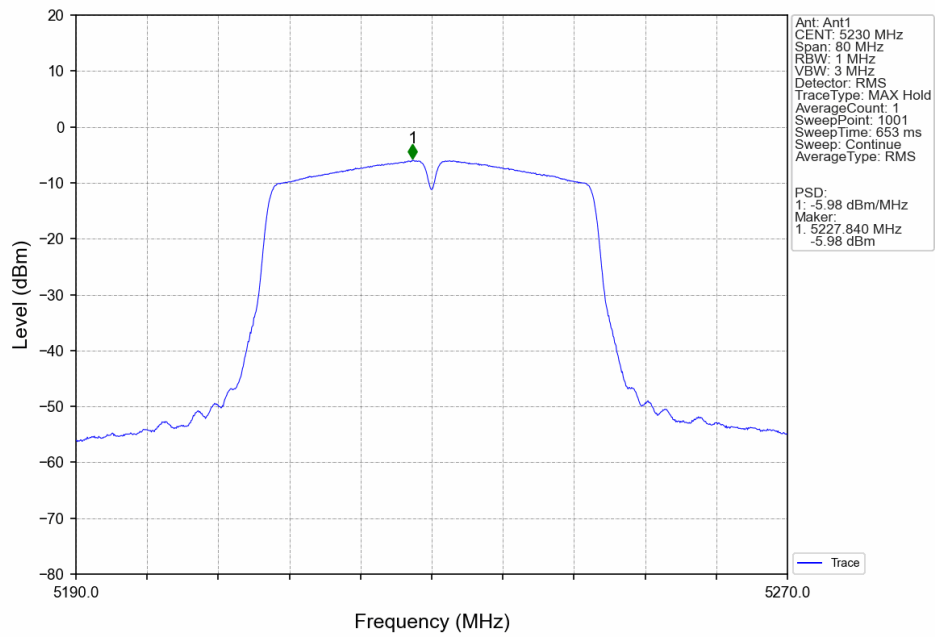
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



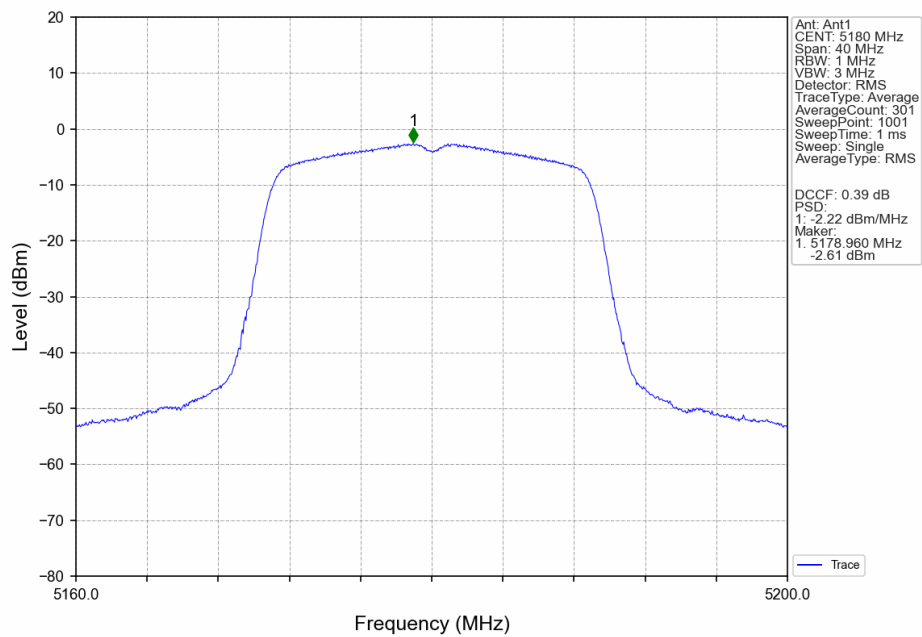
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



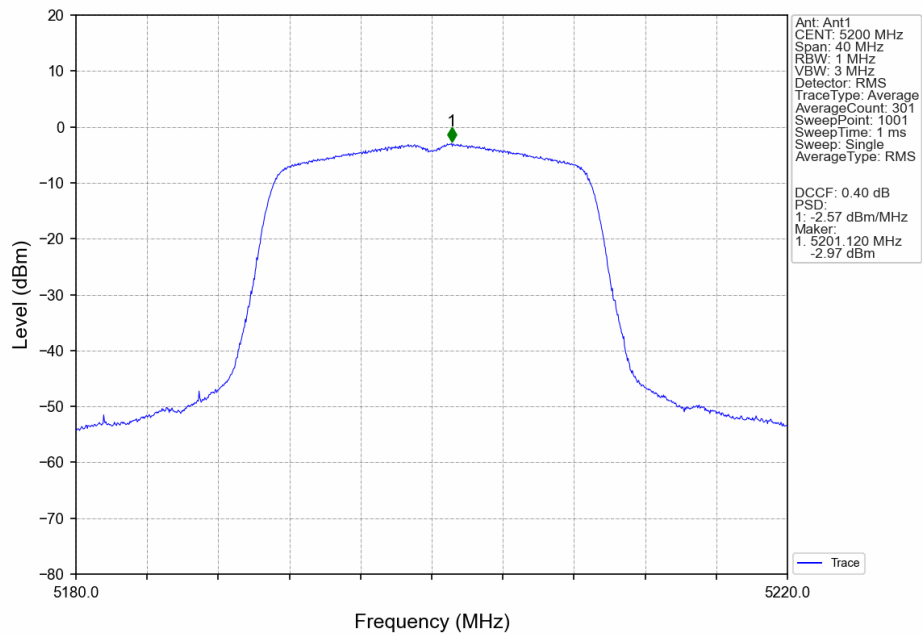
802.11ac(VHT40) HCH_5230MHz_Ant1_NTNV



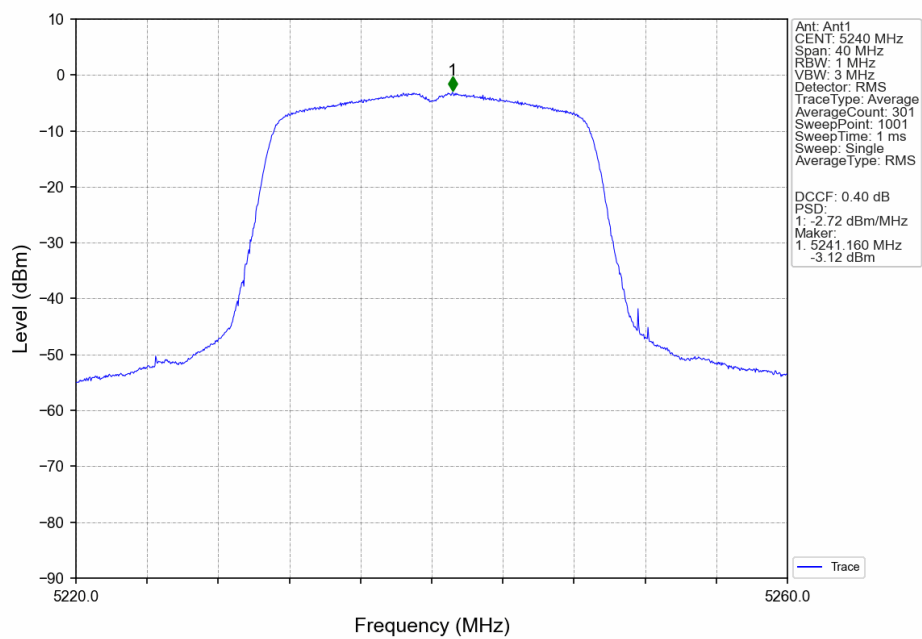
802.11ax(HEW20) LCH_5180MHz_SU / Ant1_NTNV



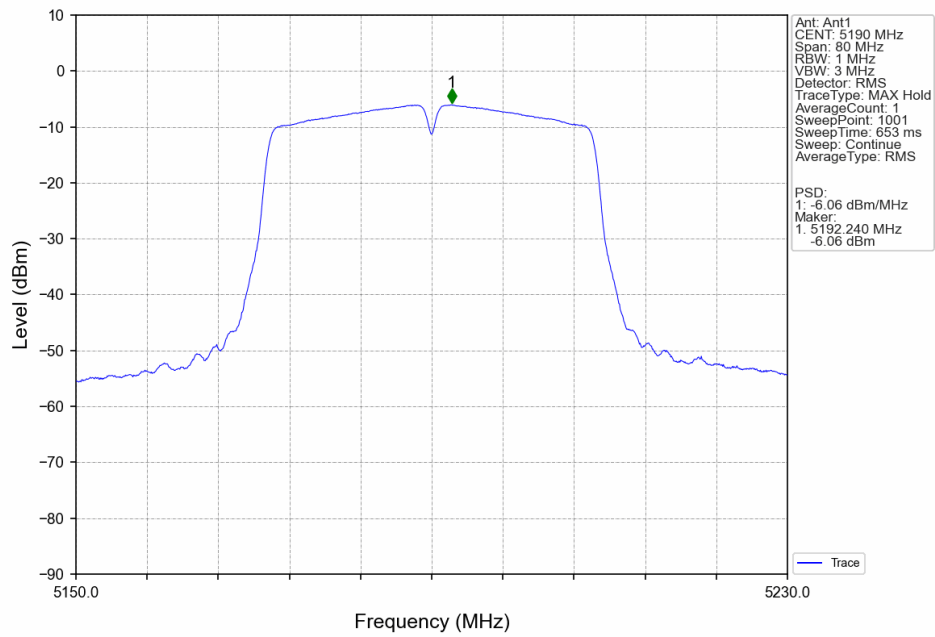
802.11ax(HEW20)_MCH_5200MHz_SU_ / Ant1_NTNV



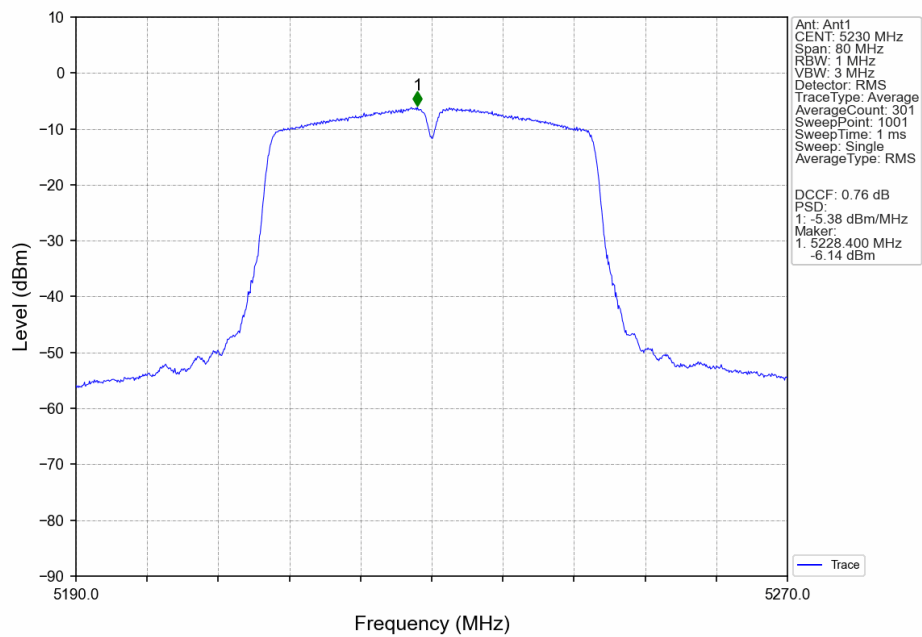
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV



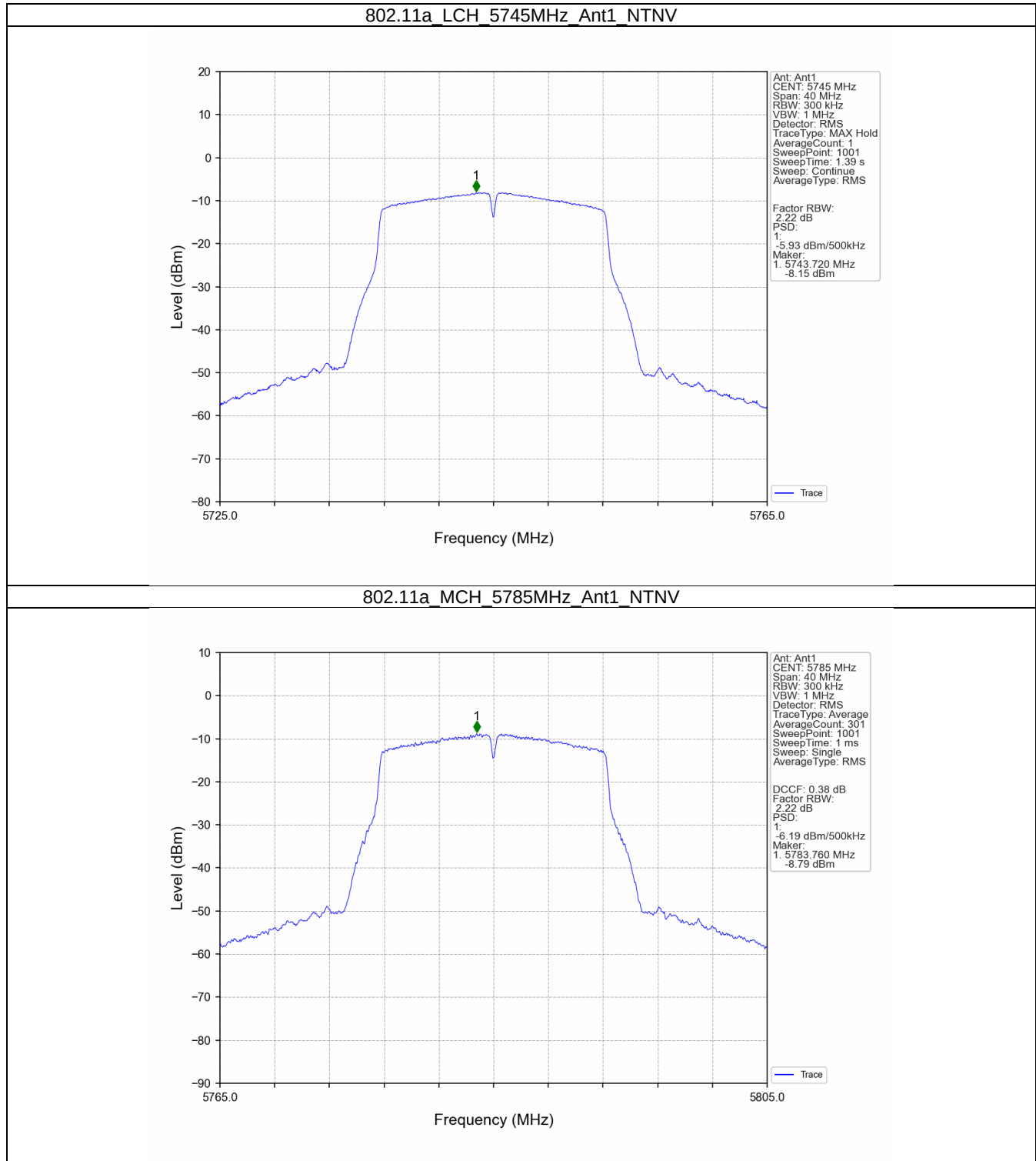
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



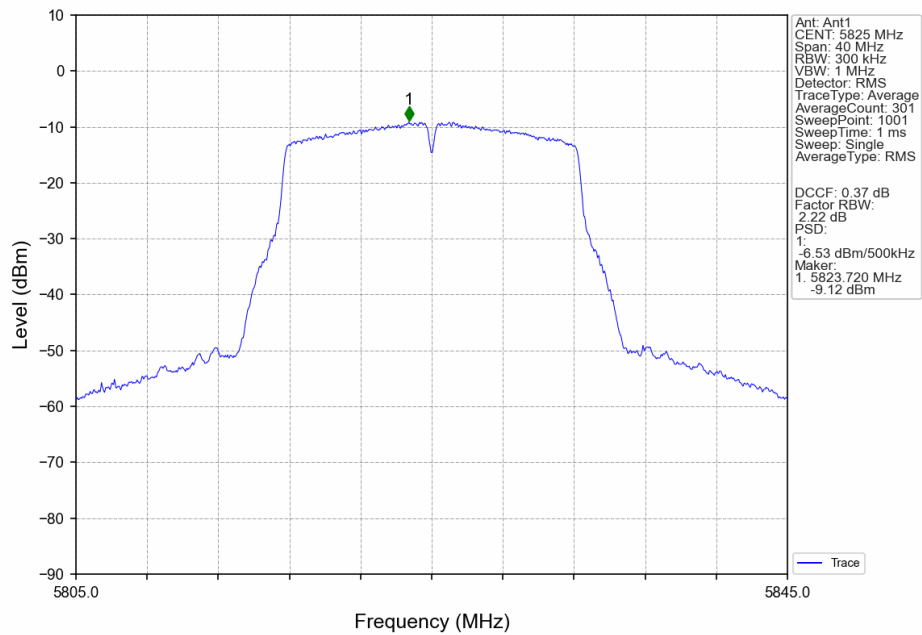
802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



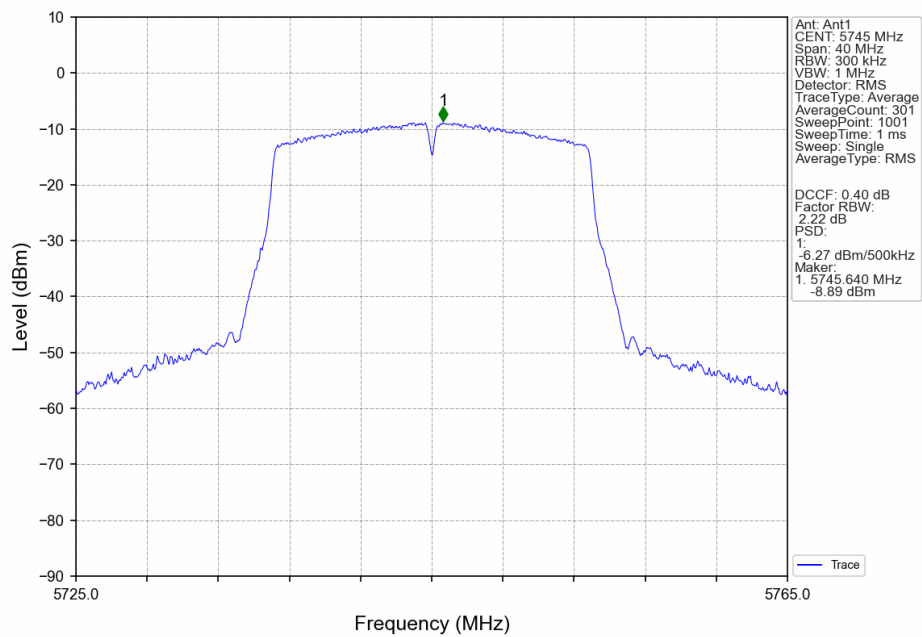
4.2.2 PSD-Band3



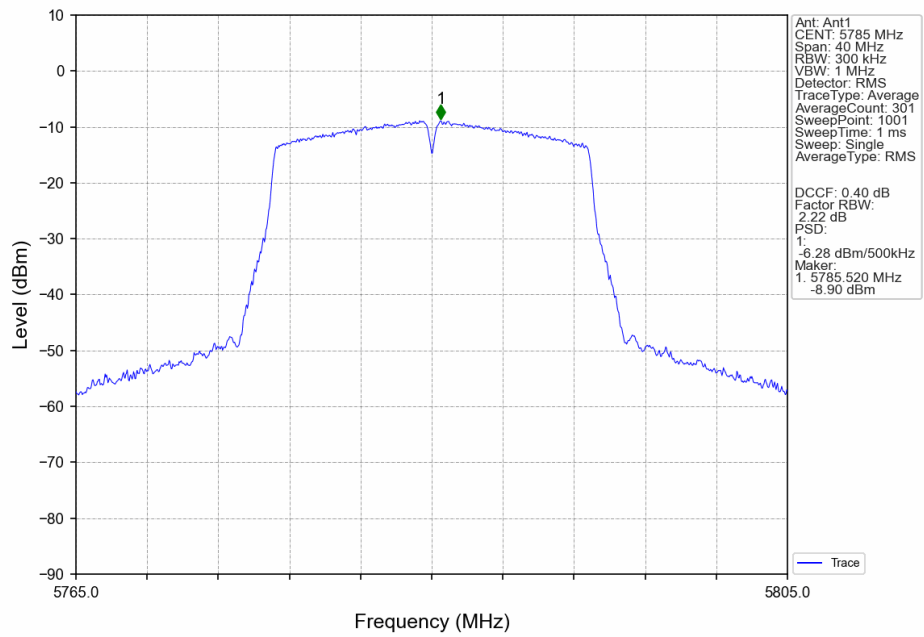
802.11a_HCH_5825MHz_Ant1_NTNV



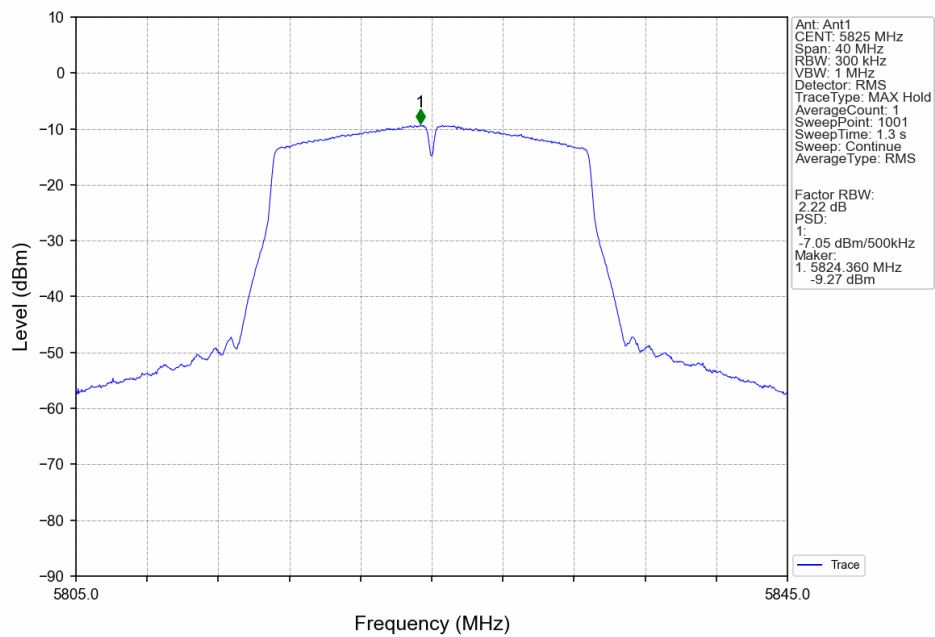
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



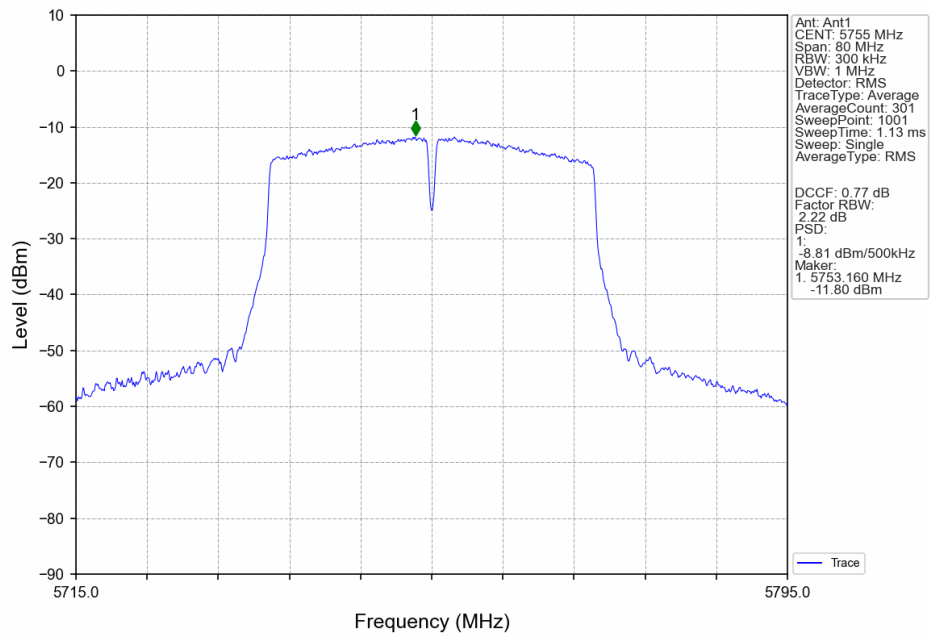
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



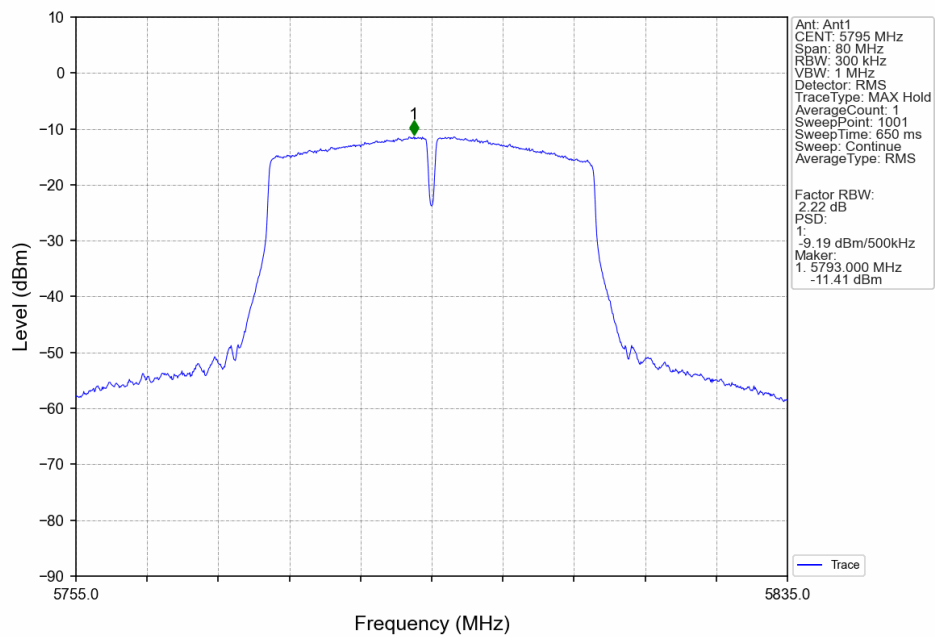
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



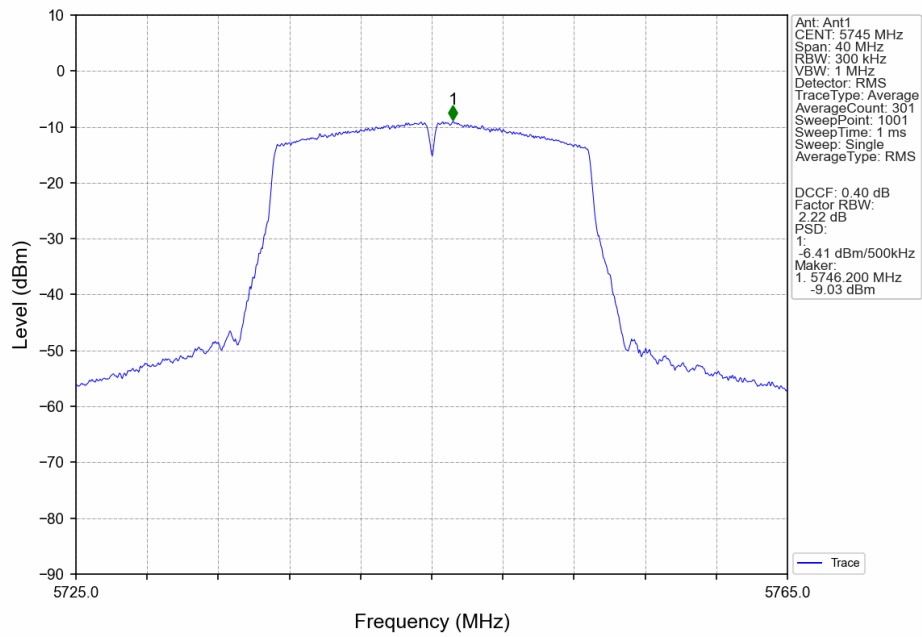
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



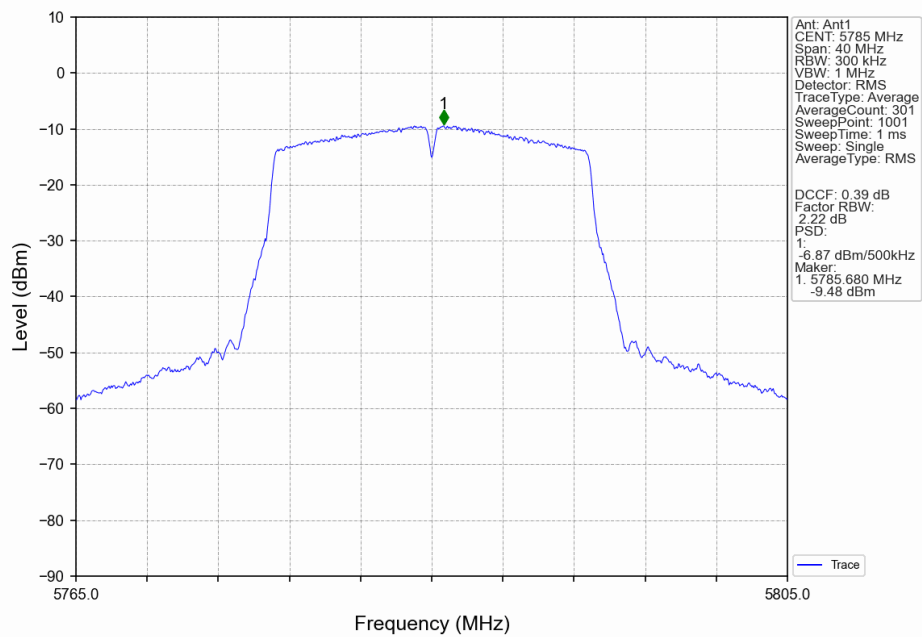
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



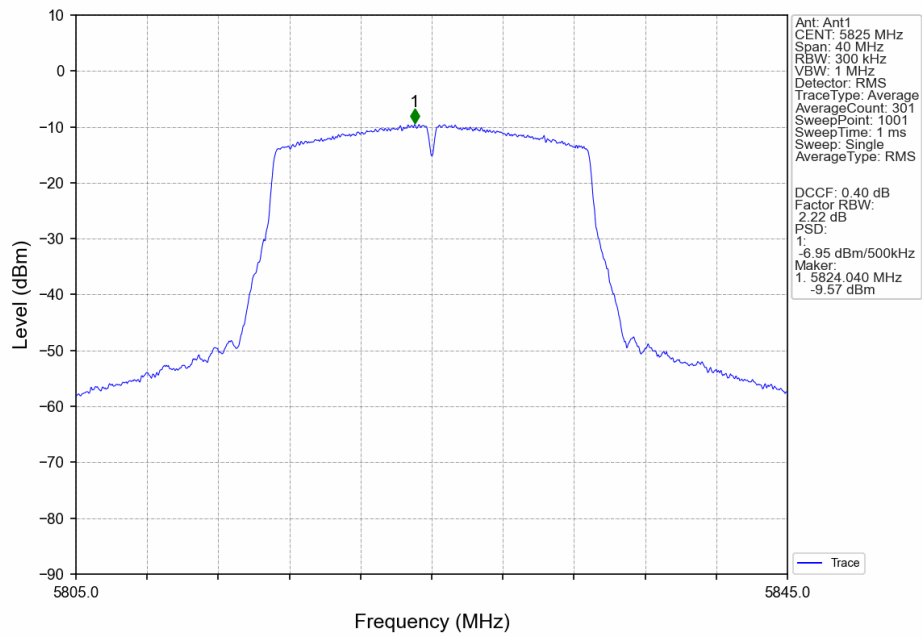
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



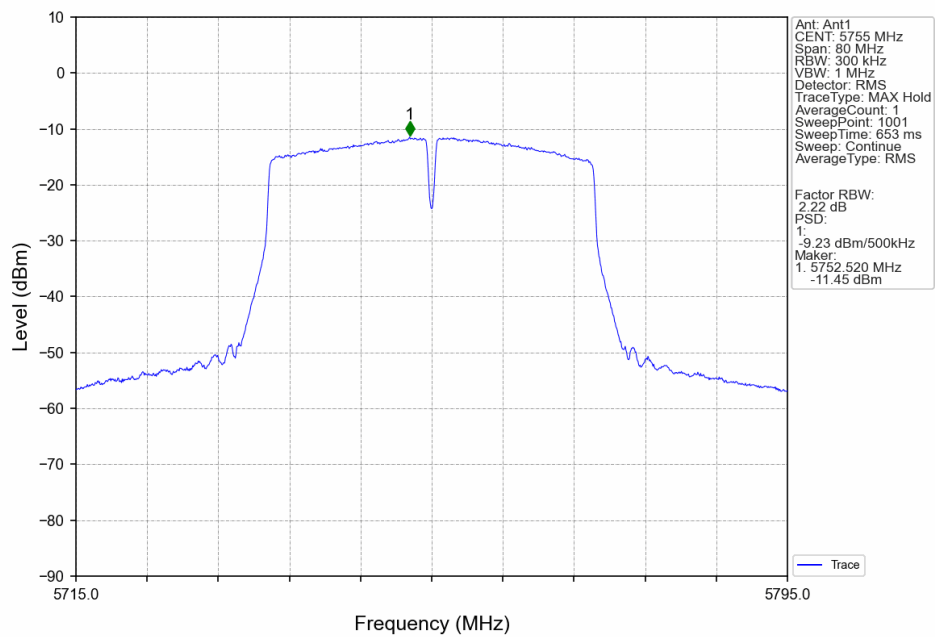
802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



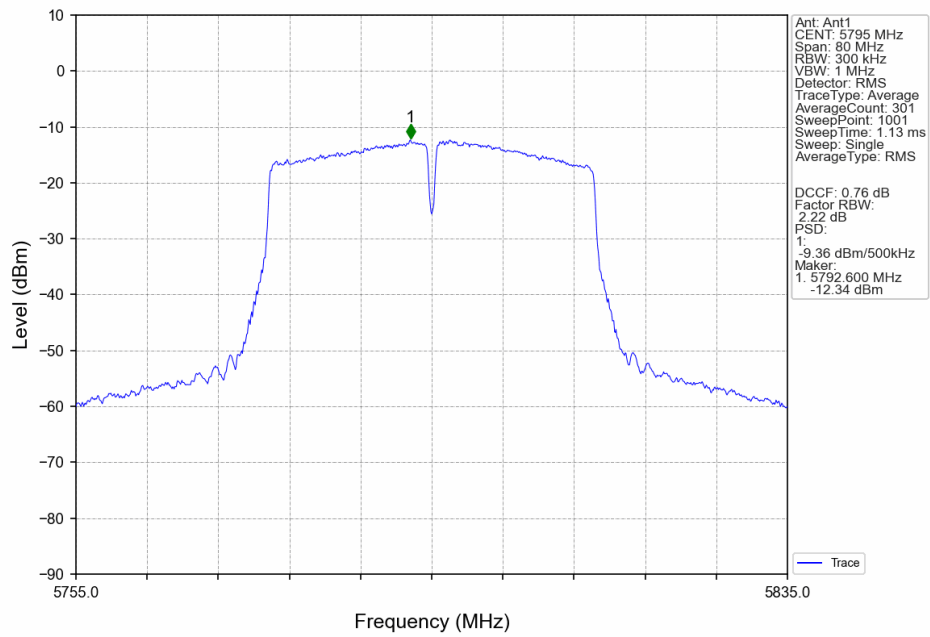
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



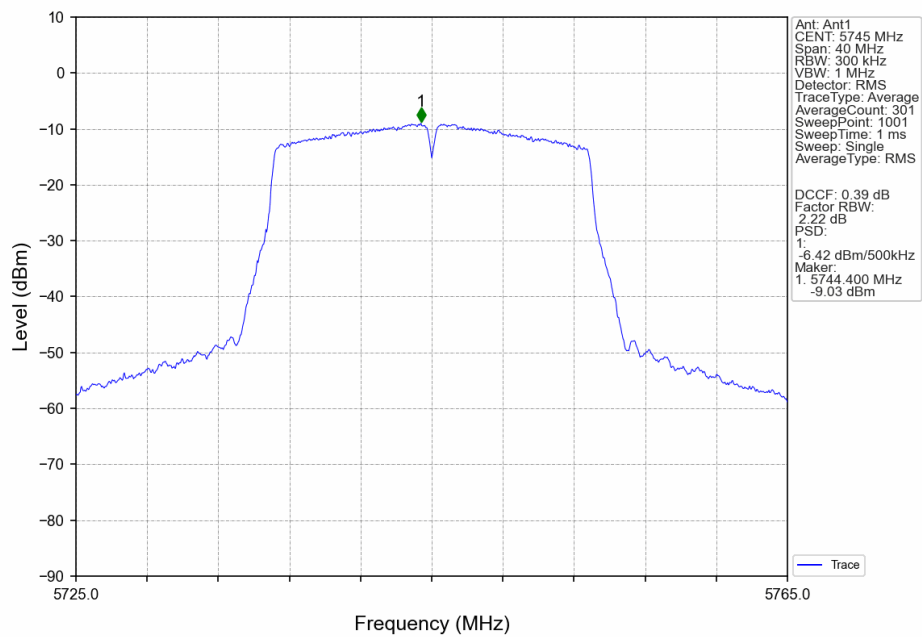
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



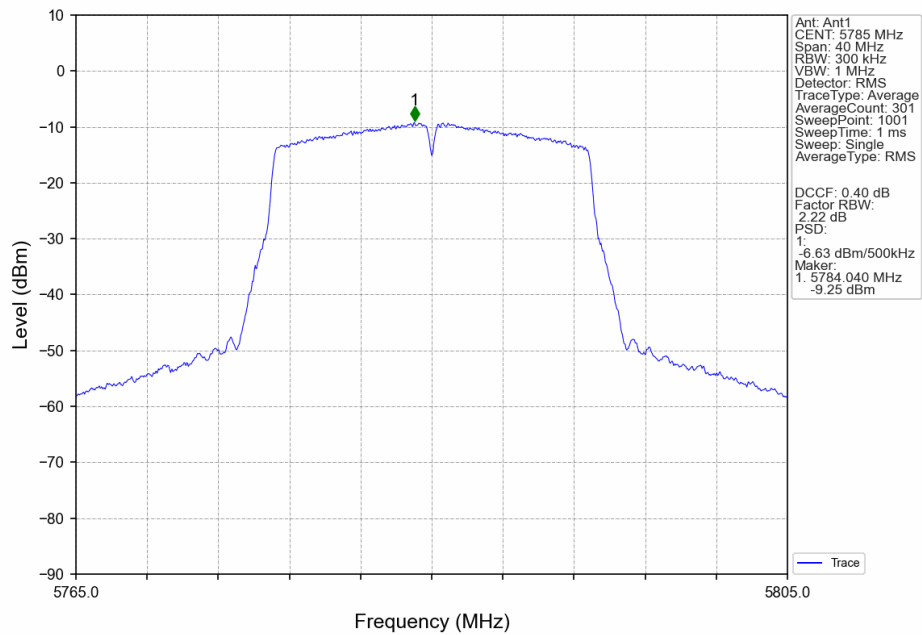
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



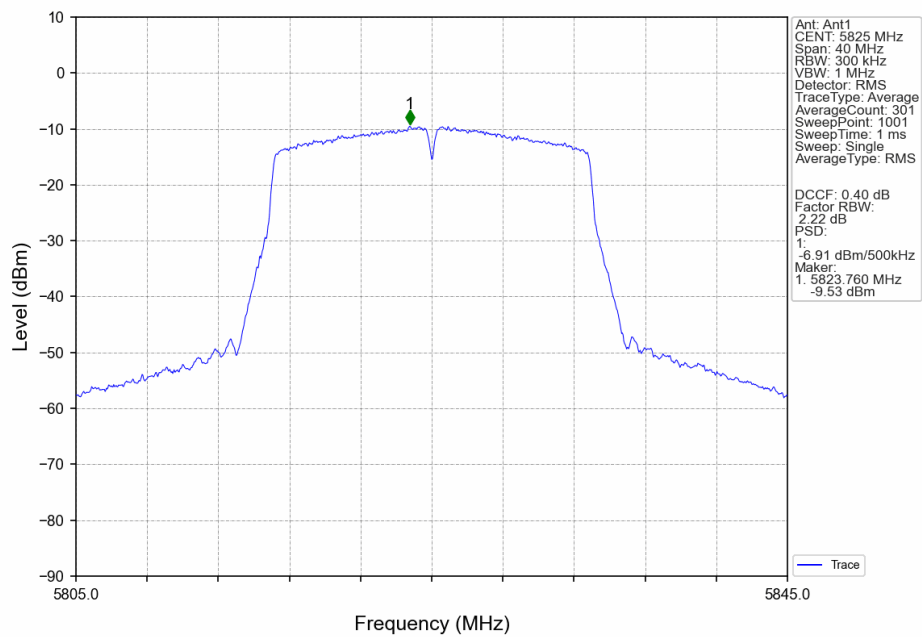
802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



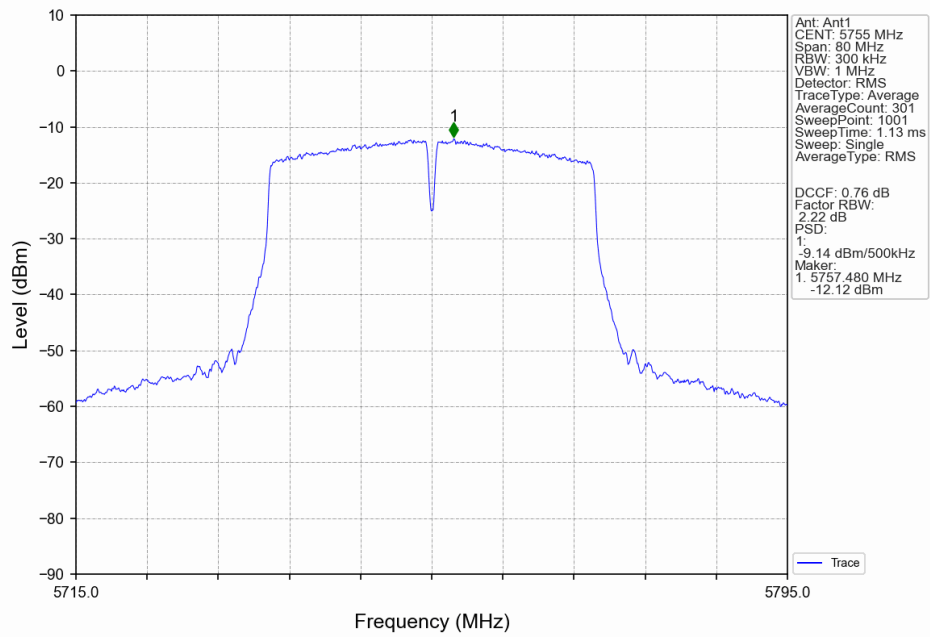
802.11ax(HEW20)_MCH_5785MHz_SU / Ant1_NTNV



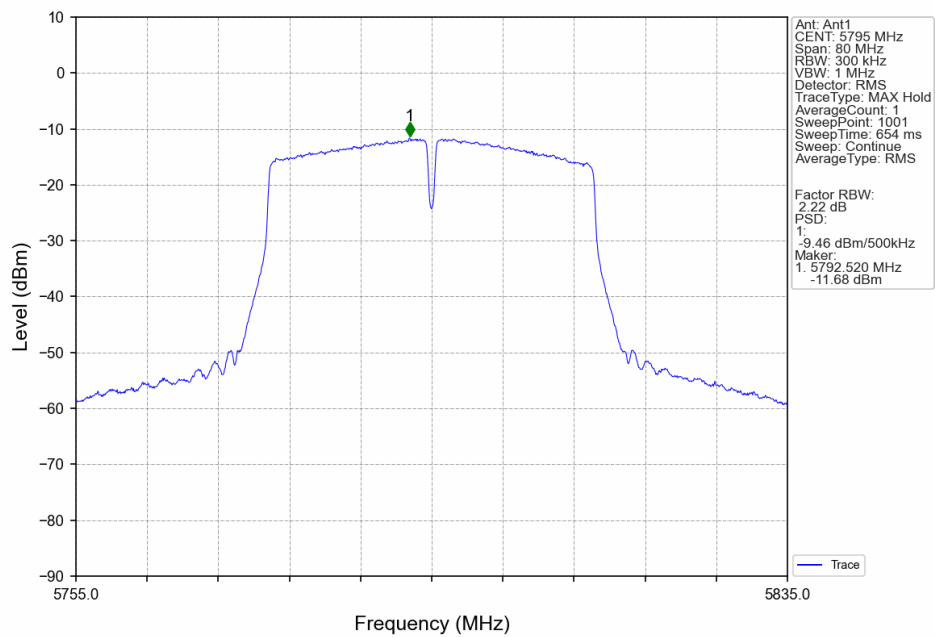
802.11ax(HEW20)_HCH_5825MHz_SU / Ant1_NTNV



802.11ax(HEW40)_LCH_5755MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_/_Ant1_NTNV



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5180	20	3.85	5179.993	5150 to 5250	Pass
				3.27	5179.993	5150 to 5250	Pass
				4.43	5179.992	5150 to 5250	Pass
			-30	3.85	5179.992	5150 to 5250	Pass
			-20	3.85	5179.992	5150 to 5250	Pass
			-10	3.85	5179.992	5150 to 5250	Pass
			0	3.85	5179.992	5150 to 5250	Pass
			10	3.85	5179.991	5150 to 5250	Pass
			30	3.85	5179.991	5150 to 5250	Pass
			40	3.85	5179.991	5150 to 5250	Pass
			50	3.85	5179.991	5150 to 5250	Pass
		5200	20	3.85	5199.990	5150 to 5250	Pass
				3.27	5199.990	5150 to 5250	Pass
				4.43	5199.990	5150 to 5250	Pass
			-30	3.85	5199.990	5150 to 5250	Pass
			-20	3.85	5199.990	5150 to 5250	Pass
			-10	3.85	5199.990	5150 to 5250	Pass
			0	3.85	5199.989	5150 to 5250	Pass
			10	3.85	5199.989	5150 to 5250	Pass
			30	3.85	5199.989	5150 to 5250	Pass
			40	3.85	5199.989	5150 to 5250	Pass
			50	3.85	5199.989	5150 to 5250	Pass
		5240	20	3.85	5239.989	5150 to 5250	Pass
				3.27	5239.989	5150 to 5250	Pass
				4.43	5239.989	5150 to 5250	Pass
			-30	3.85	5239.989	5150 to 5250	Pass
			-20	3.85	5239.989	5150 to 5250	Pass
			-10	3.85	5239.989	5150 to 5250	Pass
			0	3.85	5239.989	5150 to 5250	Pass
			10	3.85	5239.989	5150 to 5250	Pass
			30	3.85	5239.988	5150 to 5250	Pass
			40	3.85	5239.988	5150 to 5250	Pass
			50	3.85	5239.988	5150 to 5250	Pass
		5745	20	3.85	5744.988	5725 to 5850	Pass
				3.27	5744.988	5725 to 5850	Pass
				4.43	5744.988	5725 to 5850	Pass
			-30	3.85	5744.988	5725 to 5850	Pass
			-20	3.85	5744.988	5725 to 5850	Pass
			-10	3.85	5744.988	5725 to 5850	Pass
			0	3.85	5744.987	5725 to 5850	Pass
			10	3.85	5744.987	5725 to 5850	Pass
			30	3.85	5744.987	5725 to 5850	Pass
			40	3.85	5744.987	5725 to 5850	Pass
			50	3.85	5744.987	5725 to 5850	Pass
		5785	20	3.85	5784.989	5725 to 5850	Pass
				3.27	5784.988	5725 to 5850	Pass

				4.43	5784.988	5725 to 5850	Pass
			-30	3.85	5784.988	5725 to 5850	Pass
			-20	3.85	5784.988	5725 to 5850	Pass
			-10	3.85	5784.988	5725 to 5850	Pass
			0	3.85	5784.988	5725 to 5850	Pass
			10	3.85	5784.988	5725 to 5850	Pass
			30	3.85	5784.987	5725 to 5850	Pass
			40	3.85	5784.987	5725 to 5850	Pass
			50	3.85	5784.987	5725 to 5850	Pass
		5825	20	3.85	5824.987	5725 to 5850	Pass
				3.27	5824.987	5725 to 5850	Pass
				4.43	5824.987	5725 to 5850	Pass
			-30	3.85	5824.987	5725 to 5850	Pass
			-20	3.85	5824.987	5725 to 5850	Pass
			-10	3.85	5824.987	5725 to 5850	Pass
			0	3.85	5824.987	5725 to 5850	Pass
			10	3.85	5824.987	5725 to 5850	Pass
			30	3.85	5824.986	5725 to 5850	Pass
			40	3.85	5824.986	5725 to 5850	Pass
			50	3.85	5824.986	5725 to 5850	Pass
		5190	20	3.85	5189.988	5150 to 5250	Pass
				3.27	5189.988	5150 to 5250	Pass
				4.43	5189.988	5150 to 5250	Pass
			-30	3.85	5189.988	5150 to 5250	Pass
			-20	3.85	5189.988	5150 to 5250	Pass
			-10	3.85	5189.988	5150 to 5250	Pass
			0	3.85	5189.988	5150 to 5250	Pass
			10	3.85	5189.987	5150 to 5250	Pass
			30	3.85	5189.987	5150 to 5250	Pass
			40	3.85	5189.987	5150 to 5250	Pass
			50	3.85	5189.987	5150 to 5250	Pass
		5230	20	3.85	5229.988	5150 to 5250	Pass
				3.27	5229.987	5150 to 5250	Pass
				4.43	5229.987	5150 to 5250	Pass
			-30	3.85	5229.987	5150 to 5250	Pass
			-20	3.85	5229.987	5150 to 5250	Pass
			-10	3.85	5229.987	5150 to 5250	Pass
			0	3.85	5229.987	5150 to 5250	Pass
			10	3.85	5229.987	5150 to 5250	Pass
			30	3.85	5229.987	5150 to 5250	Pass
			40	3.85	5229.987	5150 to 5250	Pass
			50	3.85	5229.987	5150 to 5250	Pass
		5755	20	3.85	5754.986	5725 to 5850	Pass
				3.27	5754.986	5725 to 5850	Pass
				4.43	5754.986	5725 to 5850	Pass
			-30	3.85	5754.986	5725 to 5850	Pass
			-20	3.85	5754.986	5725 to 5850	Pass
			-10	3.85	5754.986	5725 to 5850	Pass
			0	3.85	5754.986	5725 to 5850	Pass
			10	3.85	5754.986	5725 to 5850	Pass
			30	3.85	5754.986	5725 to 5850	Pass
			40	3.85	5754.986	5725 to 5850	Pass
			50	3.85	5754.986	5725 to 5850	Pass
		5795	20	3.85	5794.986	5725 to 5850	Pass
				3.27	5794.986	5725 to 5850	Pass
				4.43	5794.986	5725 to 5850	Pass
			-30	3.85	5794.986	5725 to 5850	Pass
			-20	3.85	5794.986	5725 to 5850	Pass
			-10	3.85	5794.986	5725 to 5850	Pass



			0	3.85	5794.986	5725 to 5850	Pass
			10	3.85	5794.985	5725 to 5850	Pass
			30	3.85	5794.985	5725 to 5850	Pass
			40	3.85	5794.985	5725 to 5850	Pass
			50	3.85	5794.985	5725 to 5850	Pass

6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0063	8.02
5745	5825	0.0054	7.33
5190	5230	0.0063	8.02
5755	5795	0.0057	7.58

***** End of Report *****