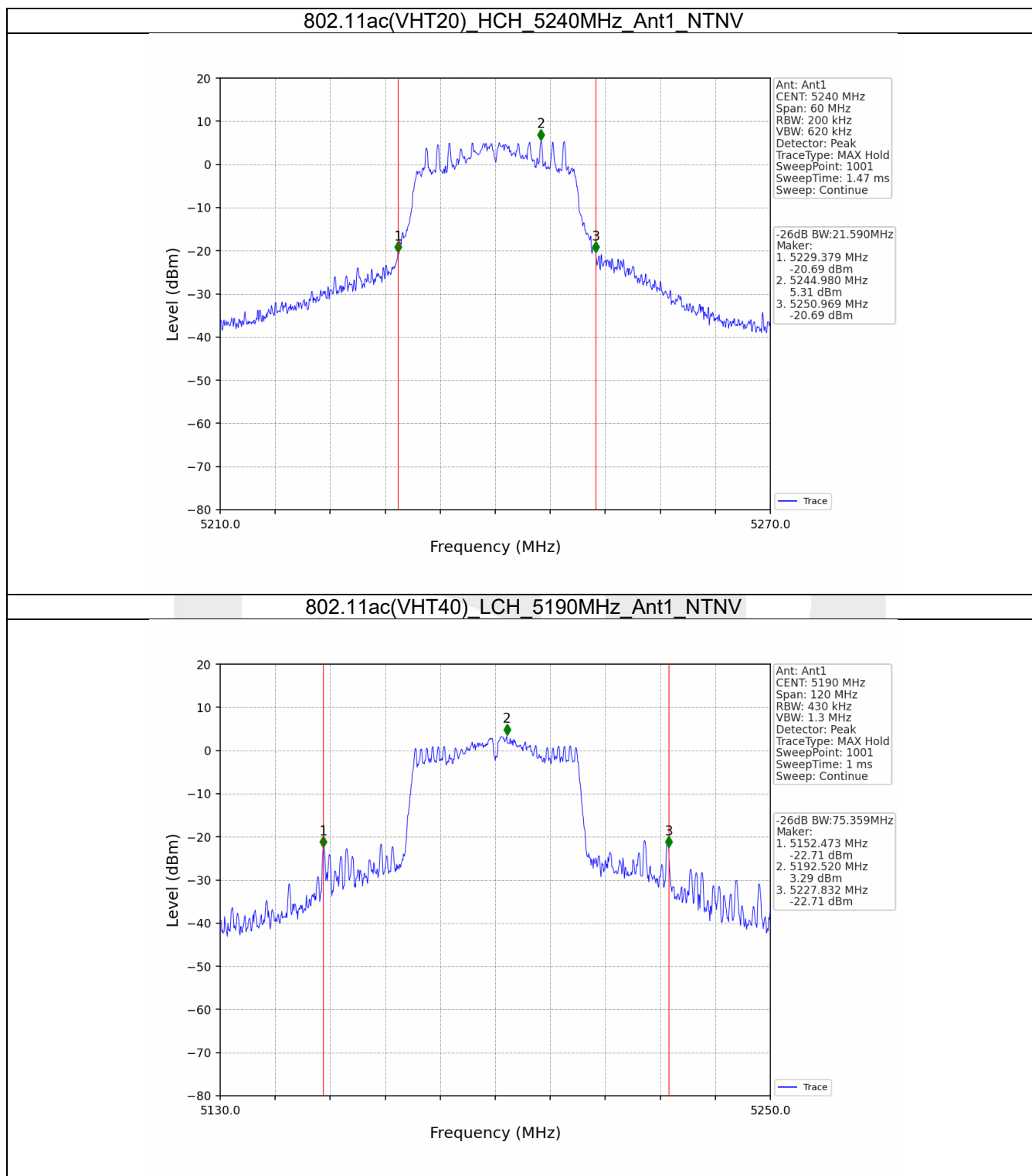
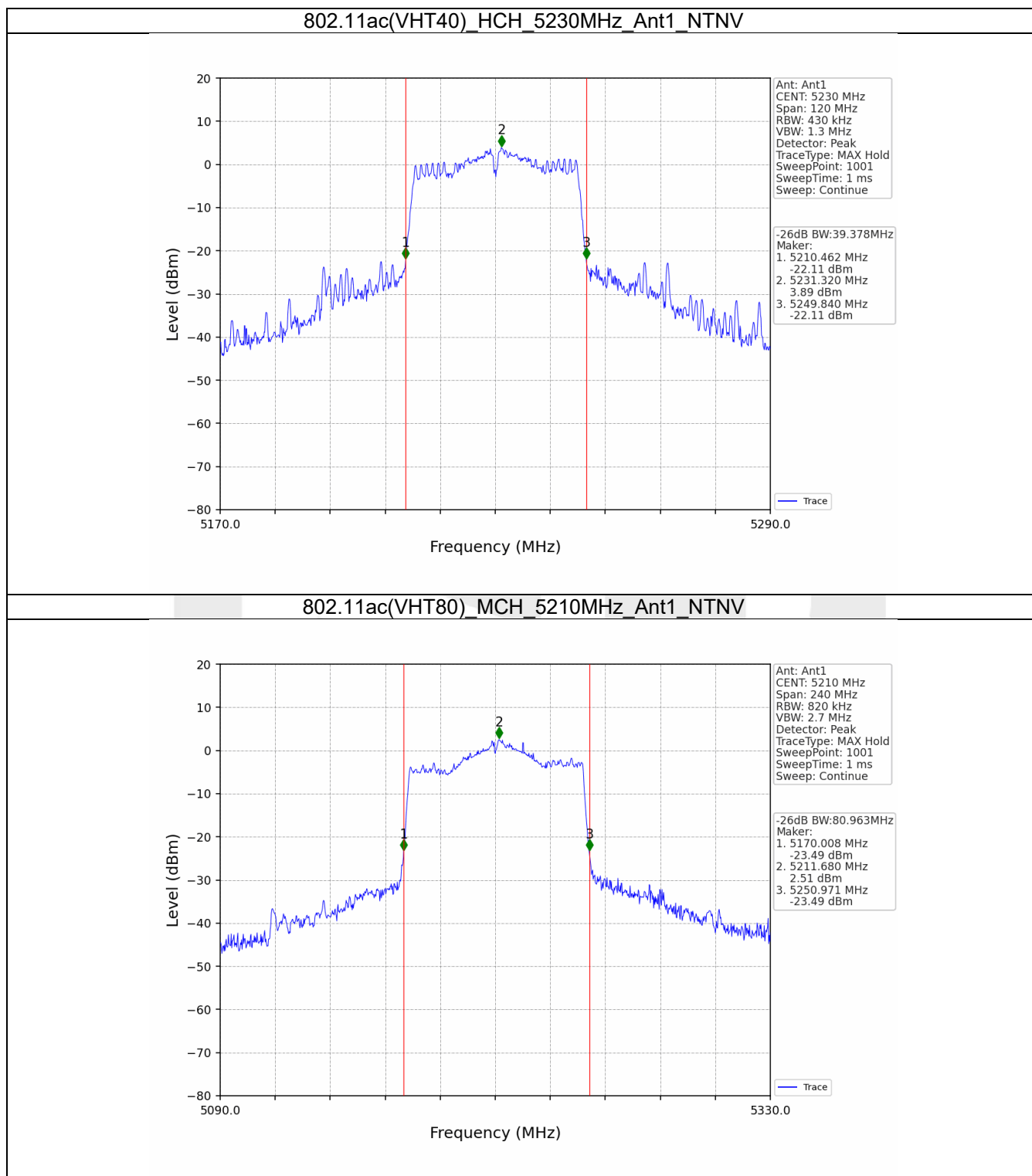
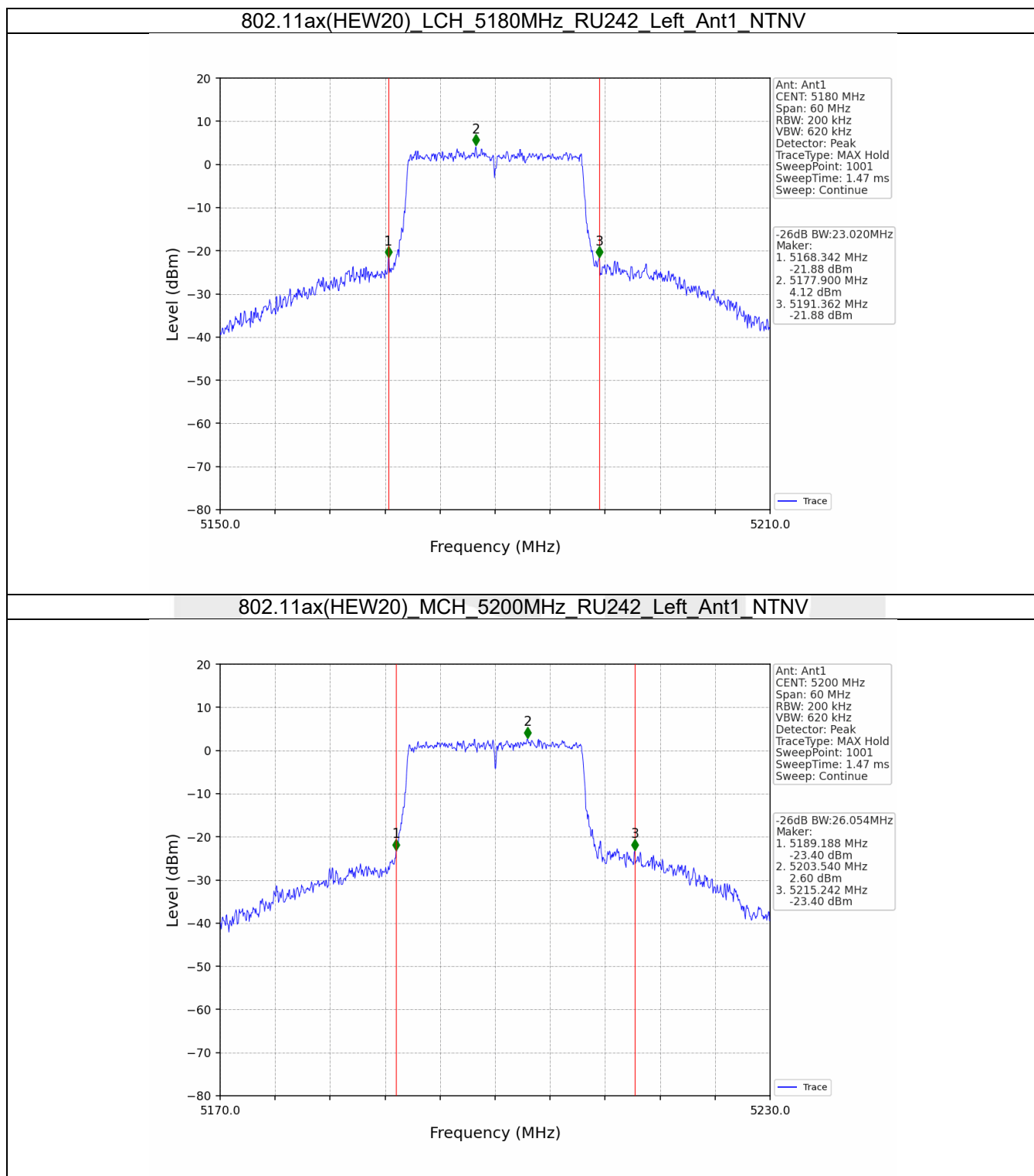
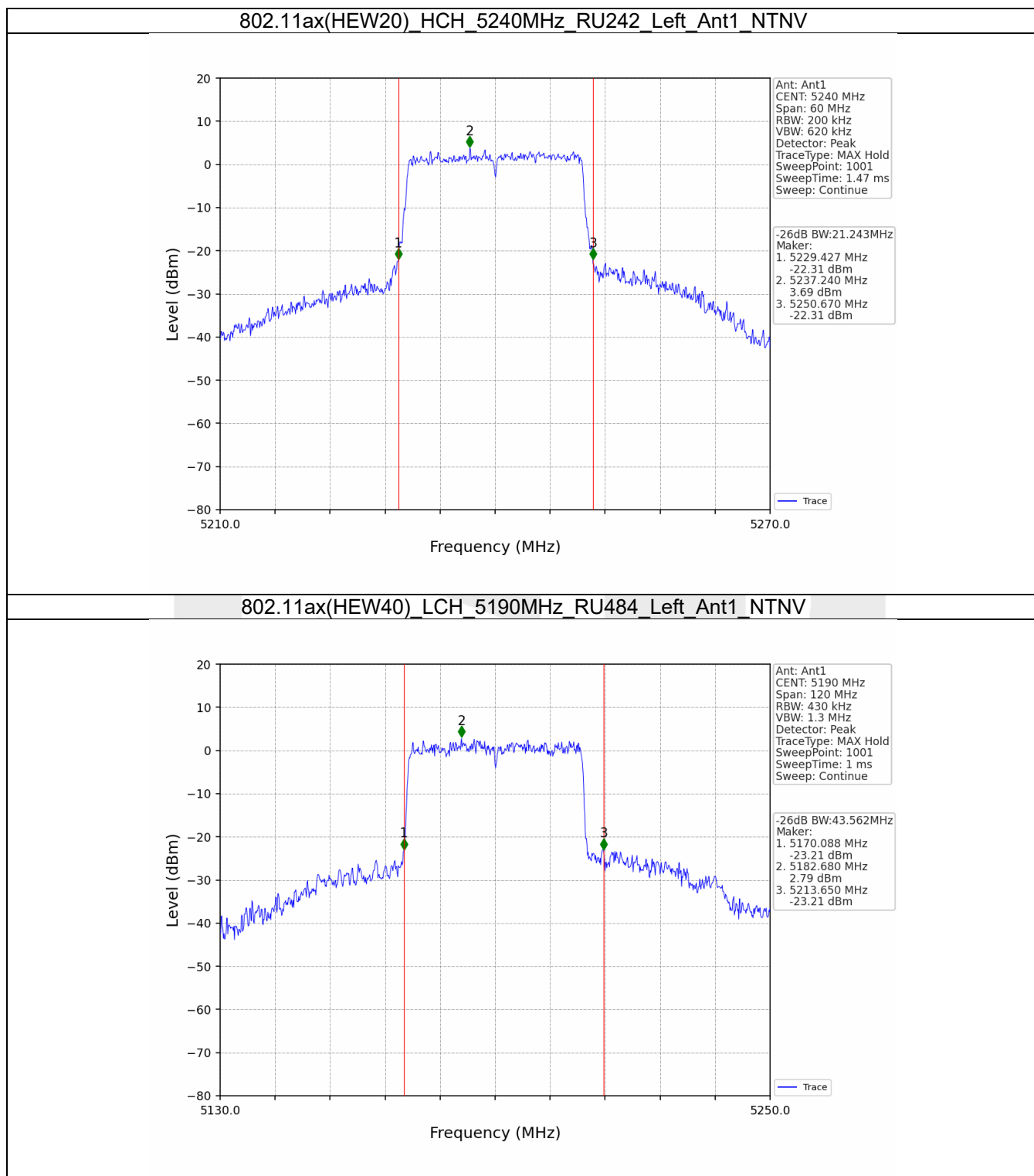
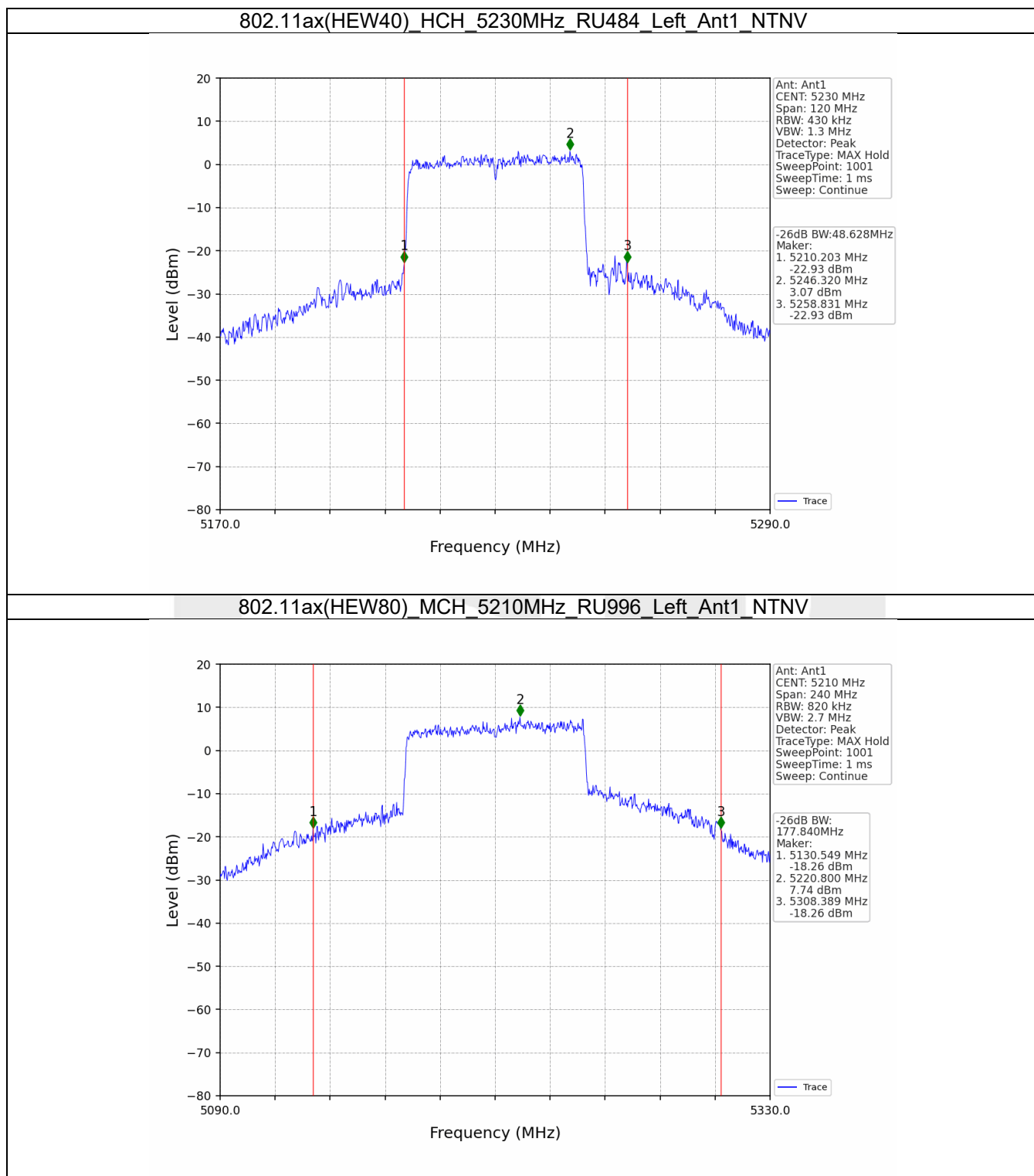












3. Maximum Conducted Output Power

3.1 Power-Band1

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5180	/	/	7.42	8.58	<=23.98	Pass
		5200	/	/	6.53	7.77	<=23.98	Pass
		5240	/	/	6.79	7.97	<=23.98	Pass
802.11n (HT20)	SISO	5180	/	/	12.20	12.54	<=23.98	Pass
		5200	/	/	11.31	11.68	<=23.98	Pass
		5240	/	/	11.30	11.77	<=23.98	Pass
802.11n (HT40)	SISO	5190	/	/	11.89	13.04	<=23.98	Pass
		5230	/	/	11.38	12.71	<=23.98	Pass
802.11ac (VHT20)	SISO	5180	/	/	14.14	14.30	<=23.98	Pass
		5200	/	/	13.20	13.28	<=23.98	Pass
		5240	/	/	13.45	13.41	<=23.98	Pass
802.11ac (VHT40)	SISO	5190	/	/	11.79	12.25	<=23.98	Pass
		5230	/	/	11.69	12.07	<=23.98	Pass
802.11ac (VHT80)	SISO	5210	/	/	10.20	11.08	<=23.98	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	13.49	13.95	<=23.98	Pass
		5200	RU242	Left	12.72	13.30	<=23.98	Pass
		5240	RU242	Left	12.88	13.77	<=23.98	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	11.74	12.99	<=23.98	Pass
		5230	RU484	Left	11.86	12.93	<=23.98	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	16.50	16.51	<=23.98	Pass

Note1: Antenna Gain: Ant1: 3.72dBi; Ant2: 3.45dBi

3.2 Power-Band1(MIMO)

3.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					MIMO	Limit	
802.11n (HT20)	SISO	5180	/	/	15.38	<=23.74	Pass
		5200	/	/	14.51	<=23.74	Pass
		5240	/	/	14.55	<=23.74	Pass
802.11n (HT40)	SISO	5190	/	/	15.51	<=23.74	Pass
		5230	/	/	15.11	<=23.74	Pass
802.11ac (VHT20)	SISO	5180	/	/	17.23	<=23.74	Pass
		5200	/	/	16.25	<=23.74	Pass
		5240	/	/	16.44	<=23.74	Pass
802.11ac (VHT40)	SISO	5190	/	/	15.04	<=23.74	Pass
		5230	/	/	14.89	<=23.74	Pass
802.11ac (VHT80)	SISO	5210	/	/	13.67	<=23.74	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	16.74	<=23.74	Pass
		5200	RU242	Left	16.03	<=23.74	Pass
		5240	RU242	Left	16.36	<=23.74	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	15.42	<=23.74	Pass
		5230	RU484	Left	15.44	<=23.74	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	19.52	<=23.74	Pass
Note1: Antenna Gain: Ant1: 3.72dBi; Ant2: 3.45dBi, Correlated antenna gain=6.24dBi. Limit= 23.98-(6.24-6)=23.98-0.24=23.74							

3.3 Power-Band3

3.3.1 Test Result

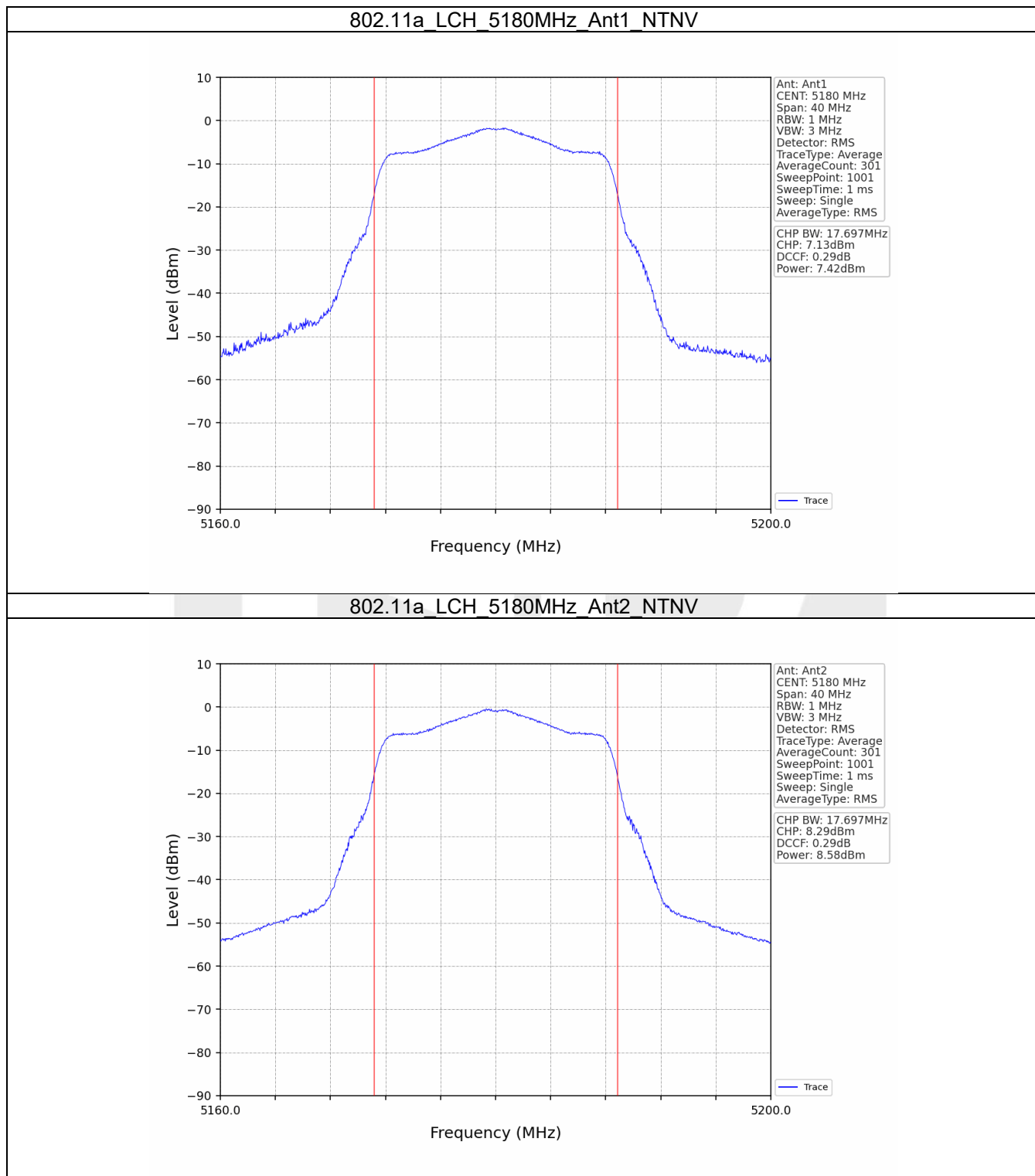
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5745	/	/	11.15	11.13	<=30	Pass
		5785	/	/	11.27	11.41	<=30	Pass
		5825	/	/	11.09	11.22	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	14.32	12.95	<=30	Pass
		5785	/	/	14.80	13.27	<=30	Pass
		5825	/	/	14.35	13.12	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	15.74	15.35	<=30	Pass
		5795	/	/	15.83	15.62	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	11.08	11.29	<=30	Pass
		5785	/	/	11.33	11.31	<=30	Pass
		5825	/	/	10.92	11.19	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	15.21	14.87	<=30	Pass
		5795	/	/	15.27	15.02	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	14.51	14.46	<=30	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	16.59	16.10	<=30	Pass
		5785	RU242	Left	16.69	16.41	<=30	Pass
		5825	RU242	Left	16.39	16.23	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	15.86	15.31	<=30	Pass
		5795	RU484	Left	15.93	15.64	<=30	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	19.78	19.08	<=30	Pass
Note1: Antenna Gain: Ant1: 3.45dBi; Ant2: 3.00dBi								

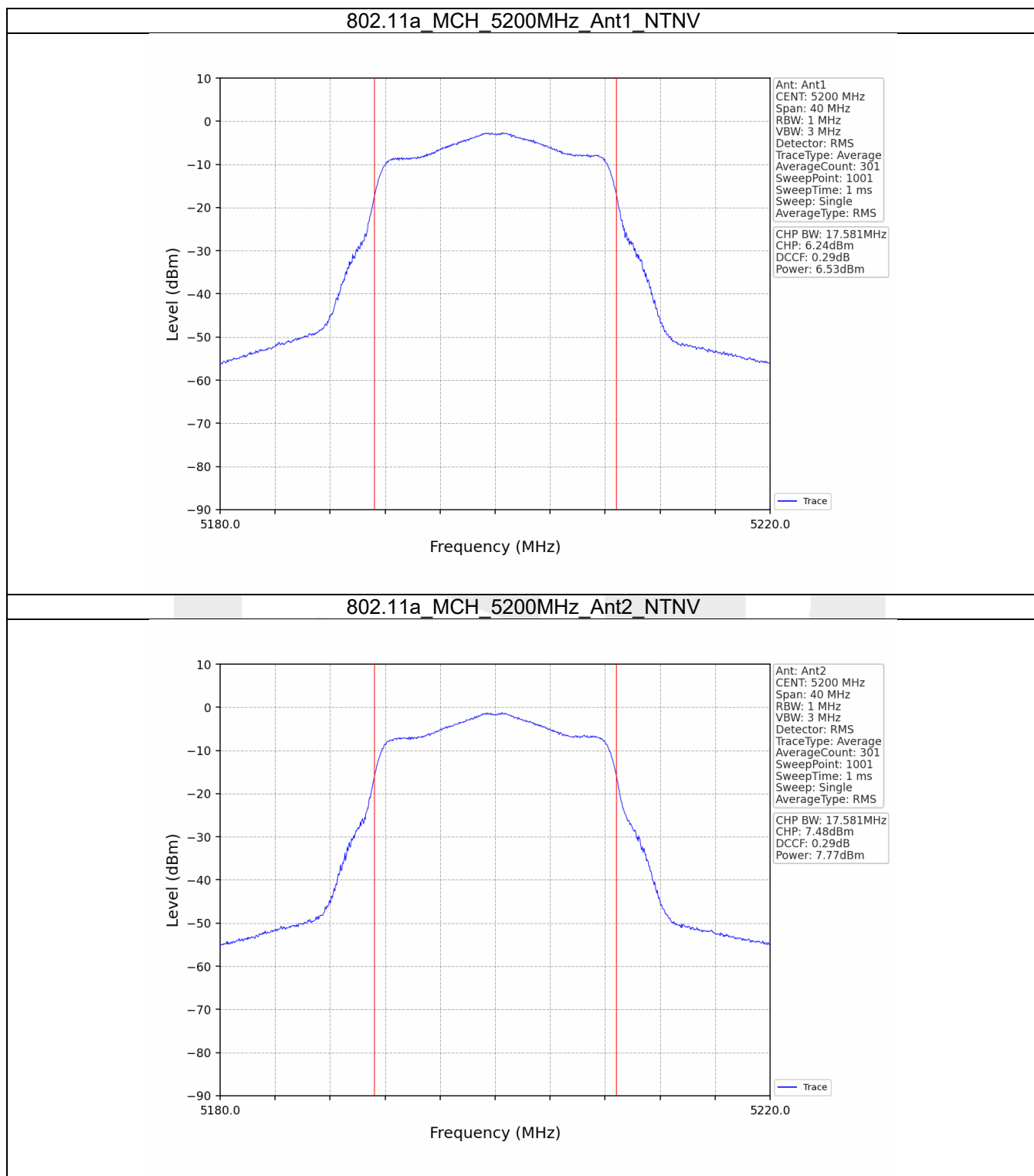
3.4 Power-Band3(MIMO)

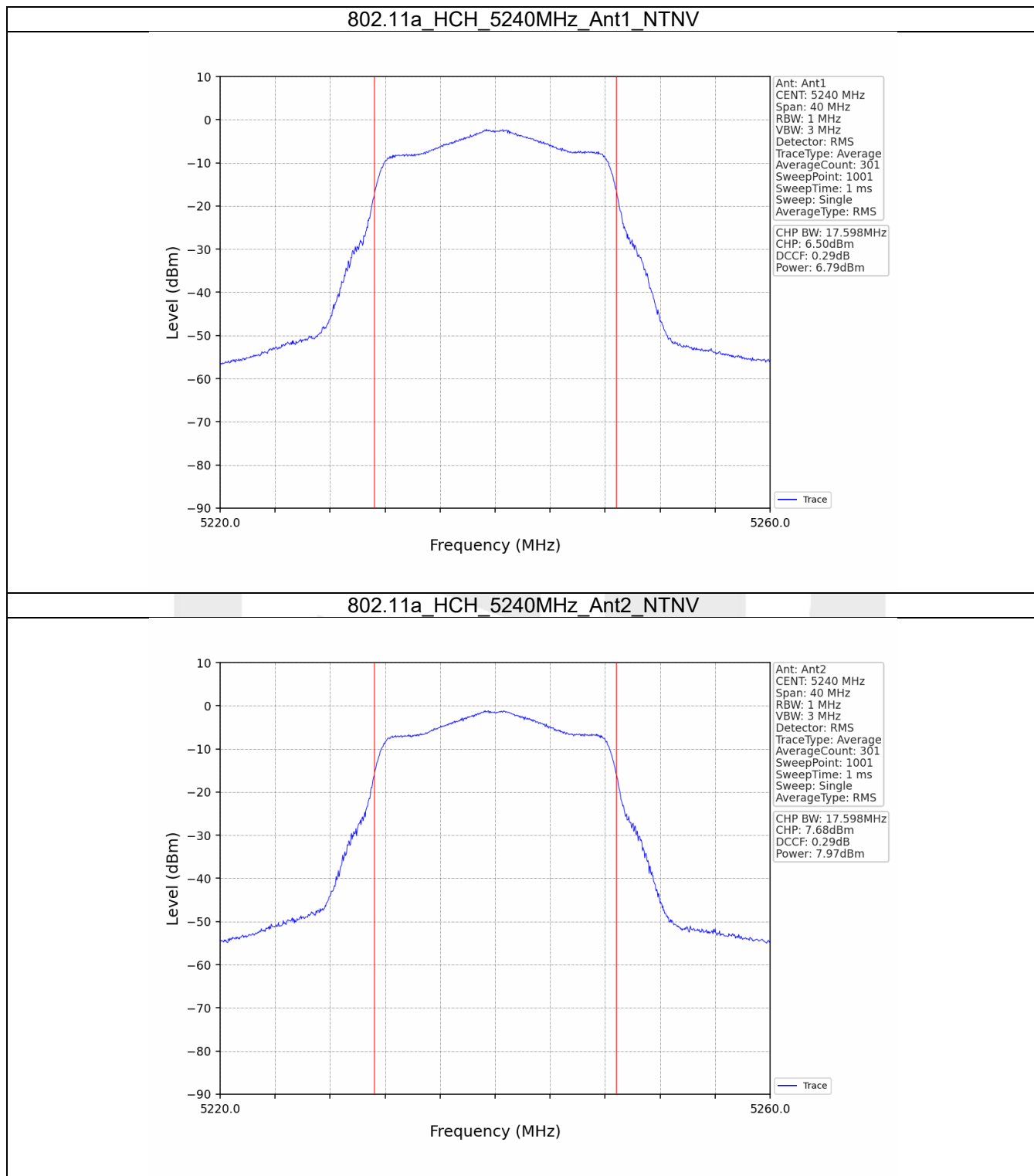
3.4.1 Test Result

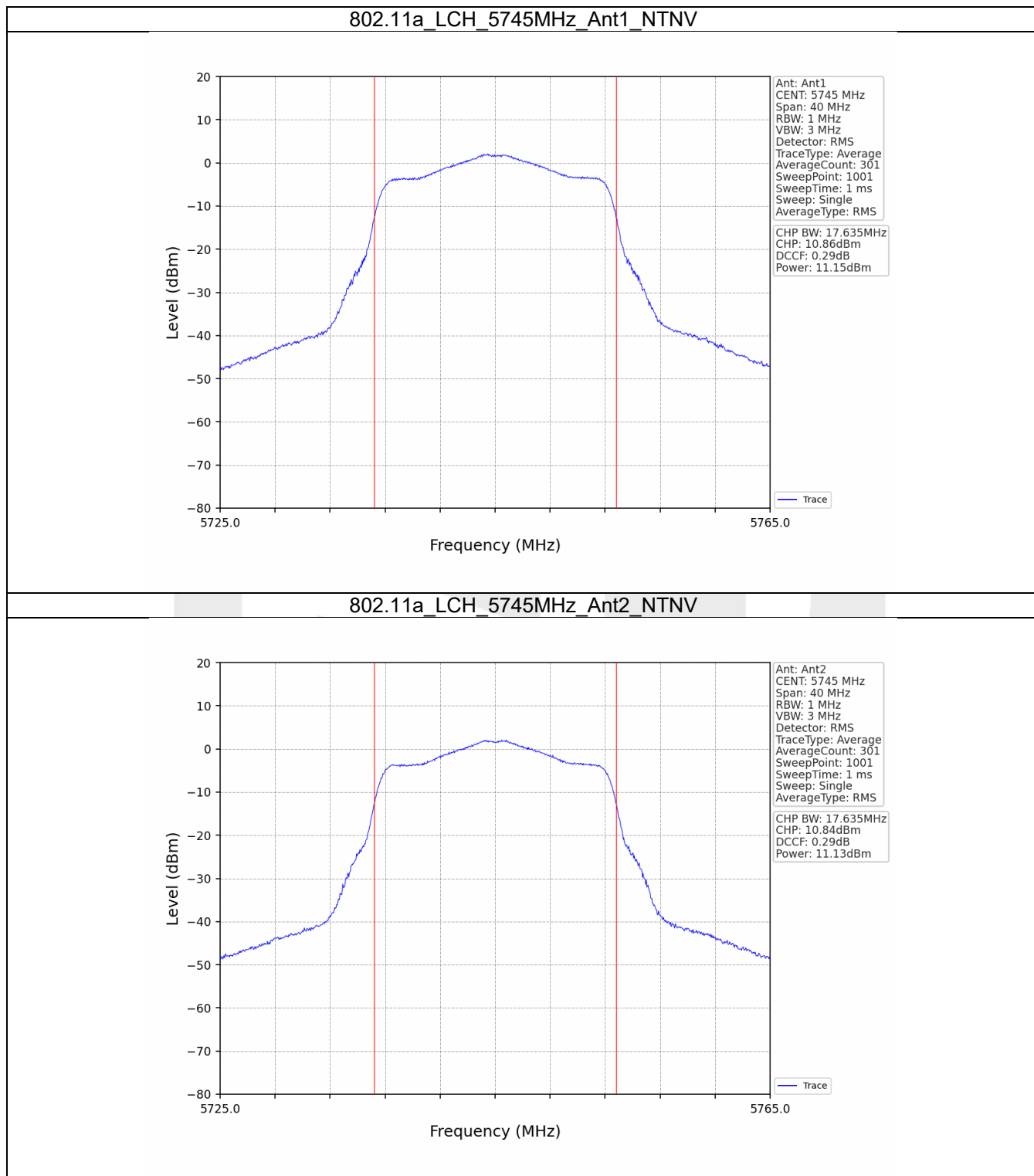
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					MIMO	Limit	
802.11n (HT20)	SISO	5745	/	/	16.70	<=29.99	Pass
		5785	/	/	17.11	<=29.99	Pass
		5825	/	/	16.79	<=29.99	Pass
802.11n (HT40)	SISO	5755	/	/	18.56	<=29.99	Pass
		5795	/	/	18.74	<=29.99	Pass
802.11ac (VHT20)	SISO	5745	/	/	14.20	<=29.99	Pass
		5785	/	/	14.33	<=29.99	Pass
		5825	/	/	14.07	<=29.99	Pass
802.11ac (VHT40)	SISO	5755	/	/	18.05	<=29.99	Pass
		5795	/	/	18.16	<=29.99	Pass
802.11ac (VHT80)	SISO	5775	/	/	17.50	<=29.99	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	19.36	<=29.99	Pass
		5785	RU242	Left	19.56	<=29.99	Pass
		5825	RU242	Left	19.32	<=29.99	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	18.60	<=29.99	Pass
		5795	RU484	Left	18.80	<=29.99	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	22.45	<=29.99	Pass
Note1: Antenna Gain: Ant1: 3.45dBi; Ant2: 3.00dBi, Correlated antenna gain=6.01dBi. Limit= 30-(6.01-6)=30-0.01=29.99							

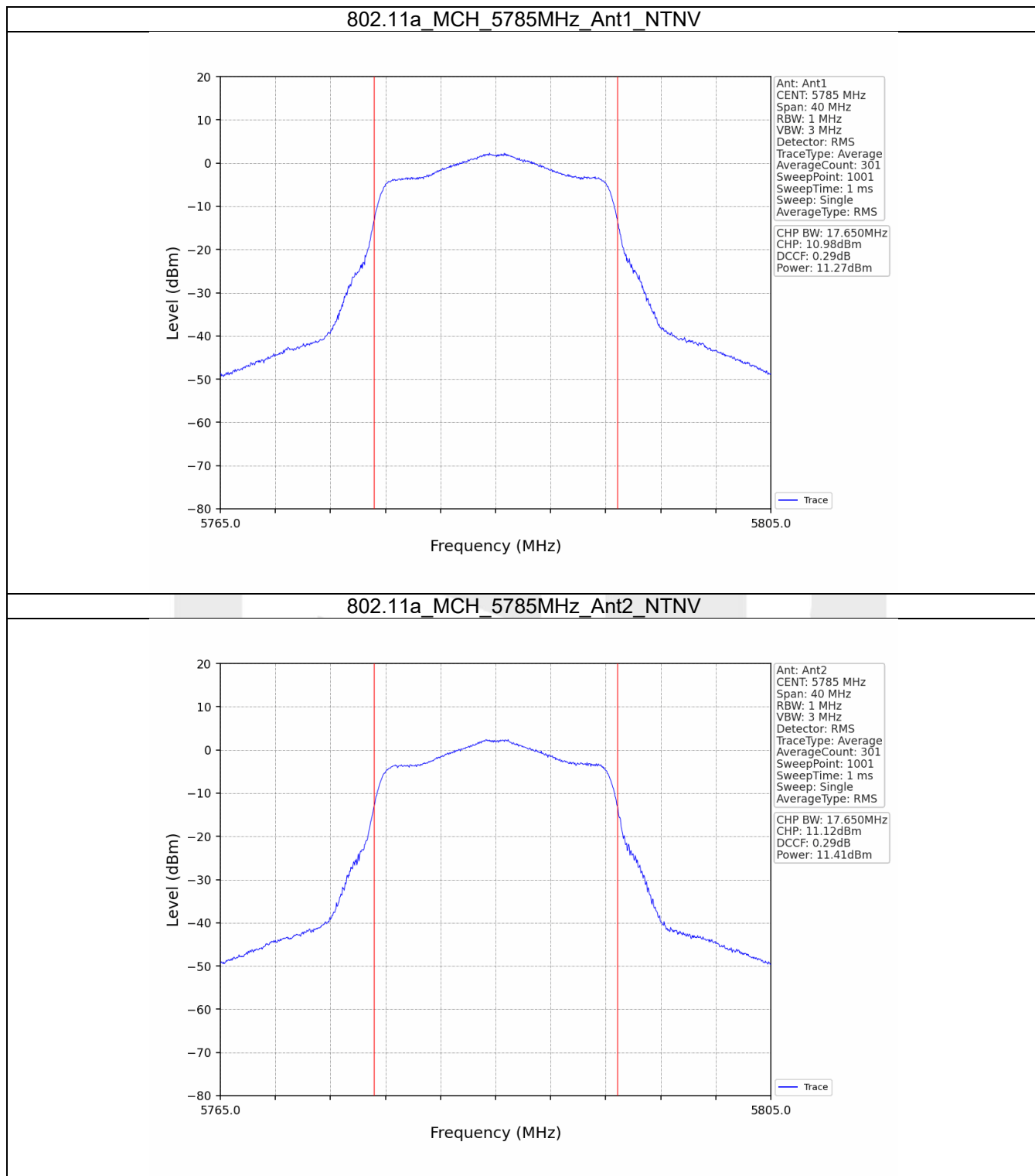
3.1.2 Test Graph

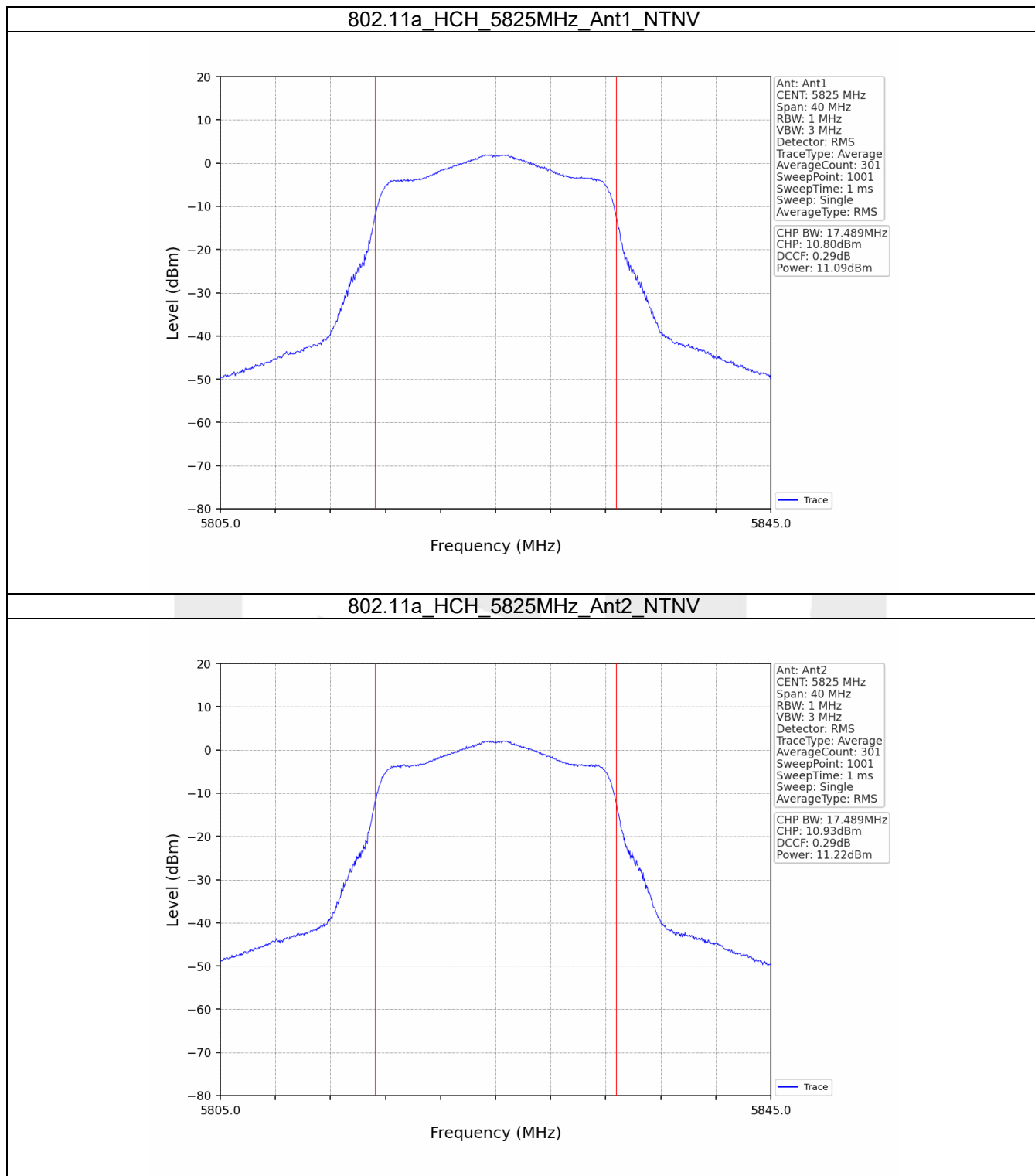


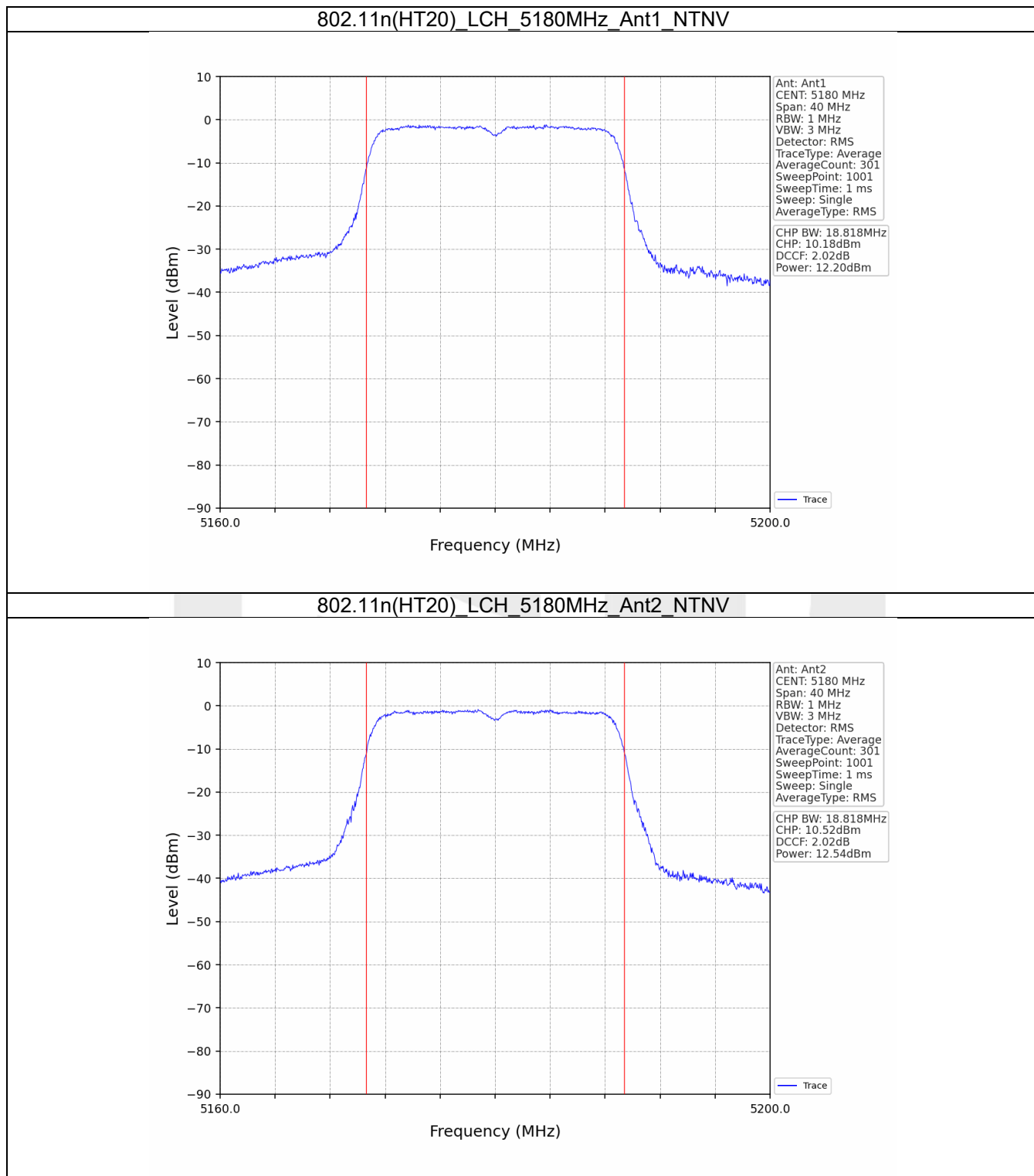


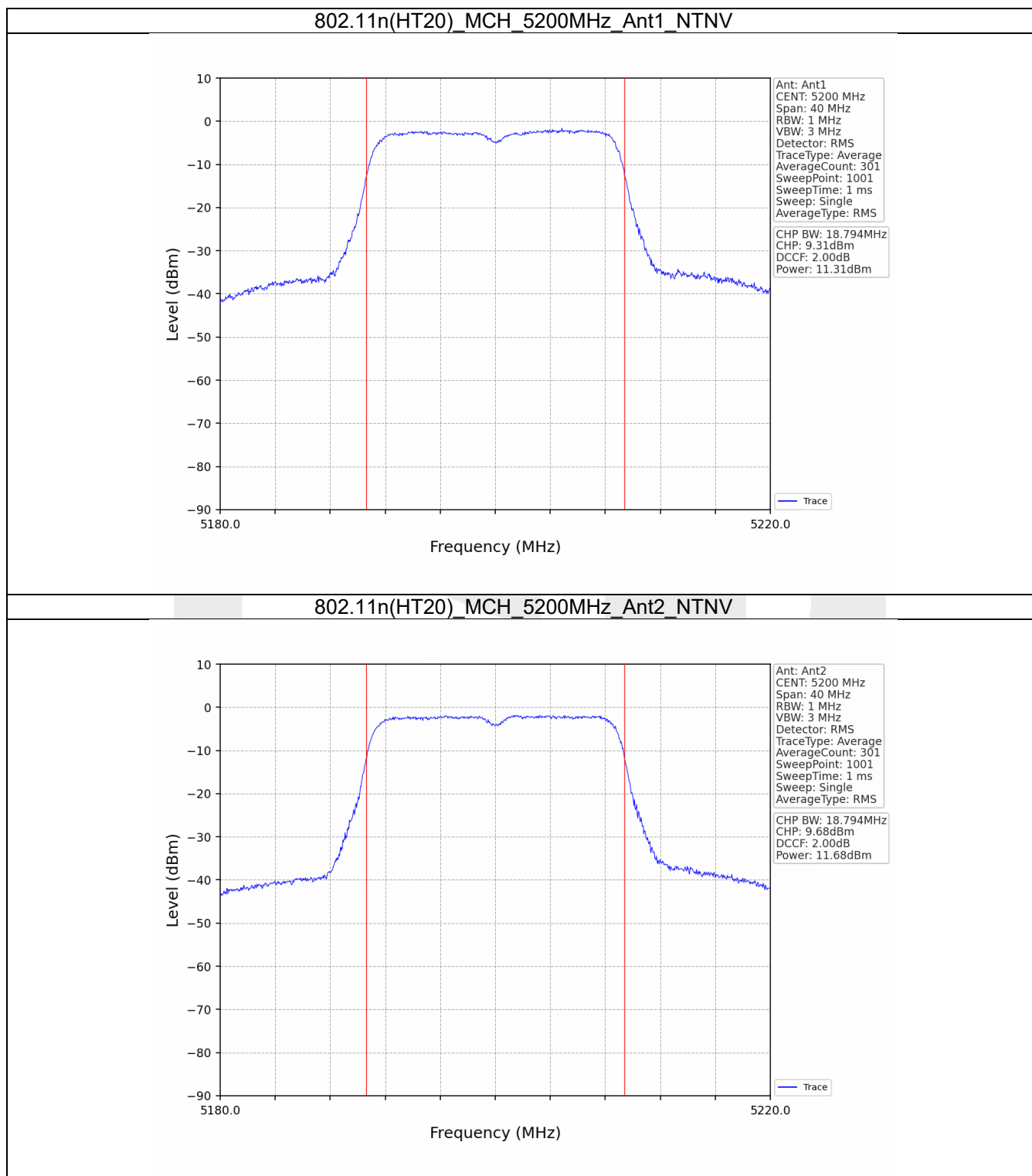


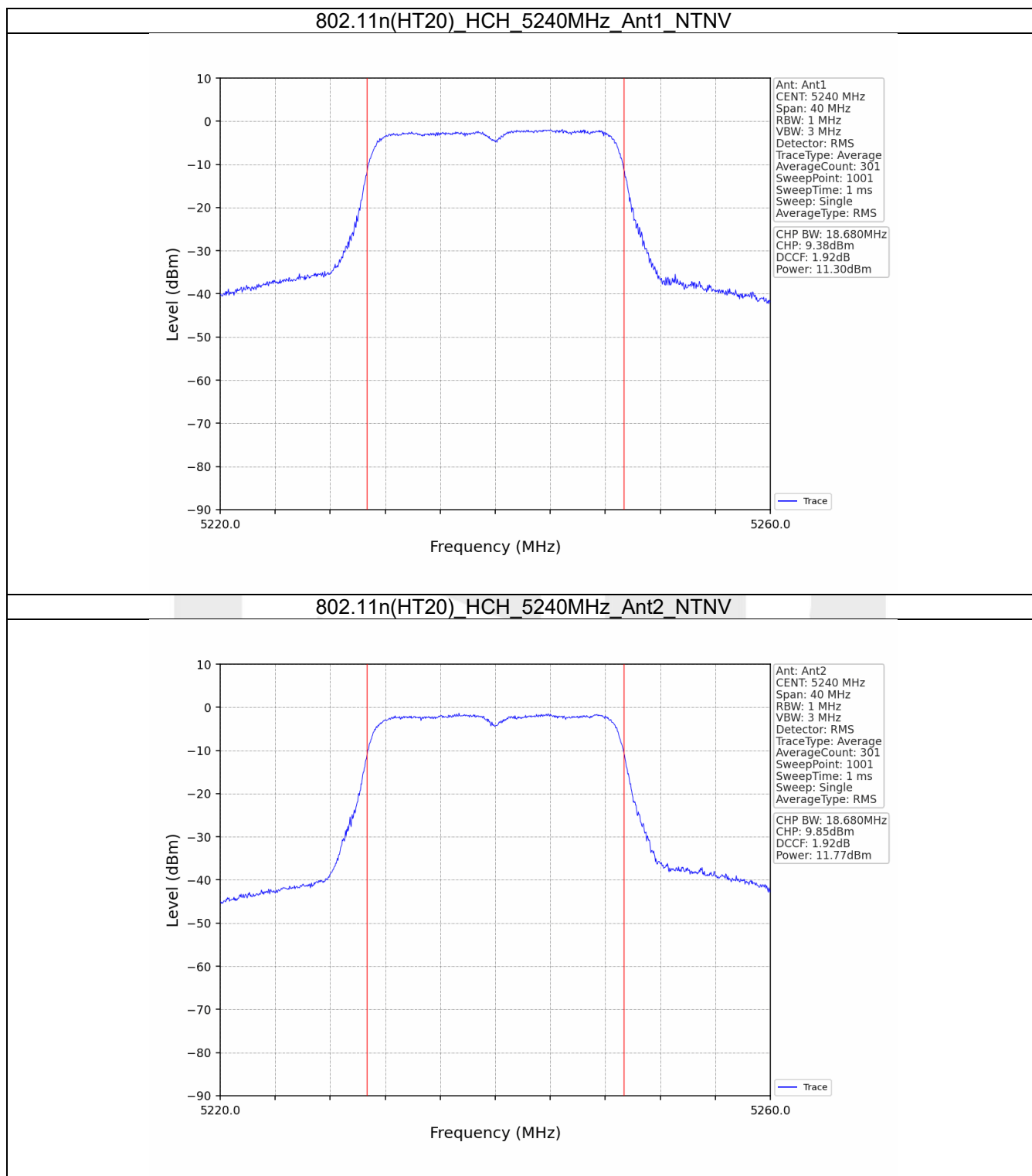


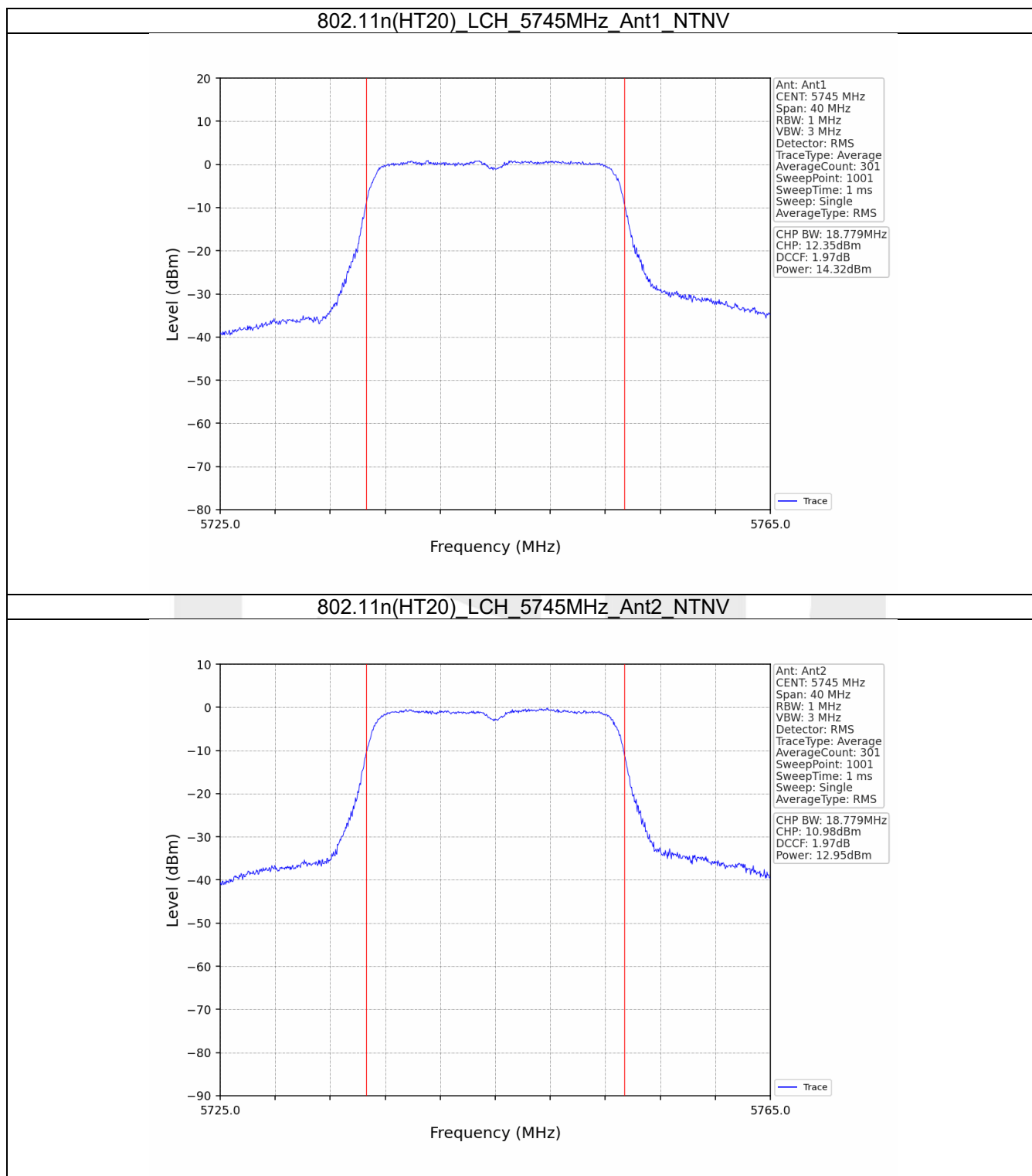


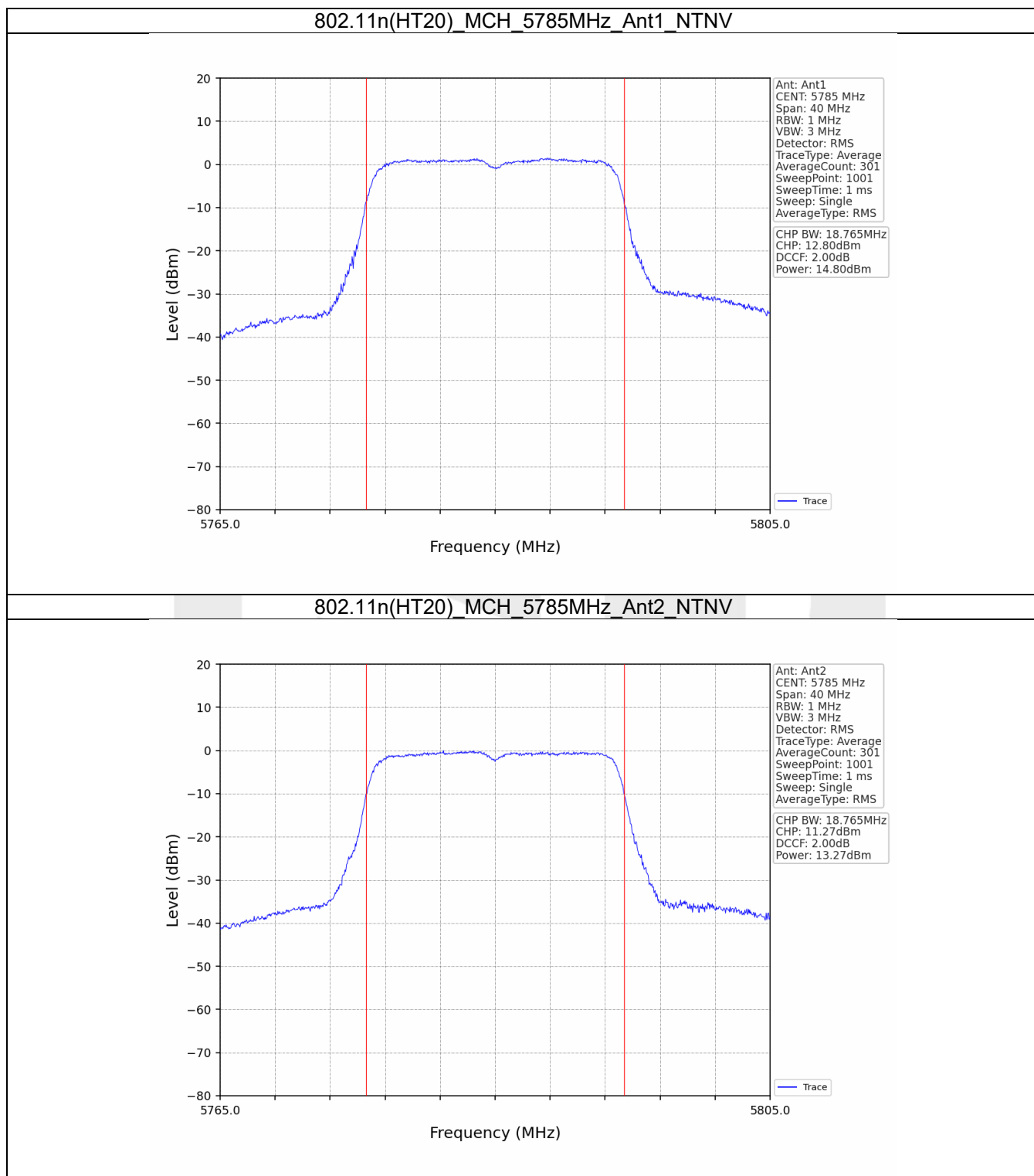


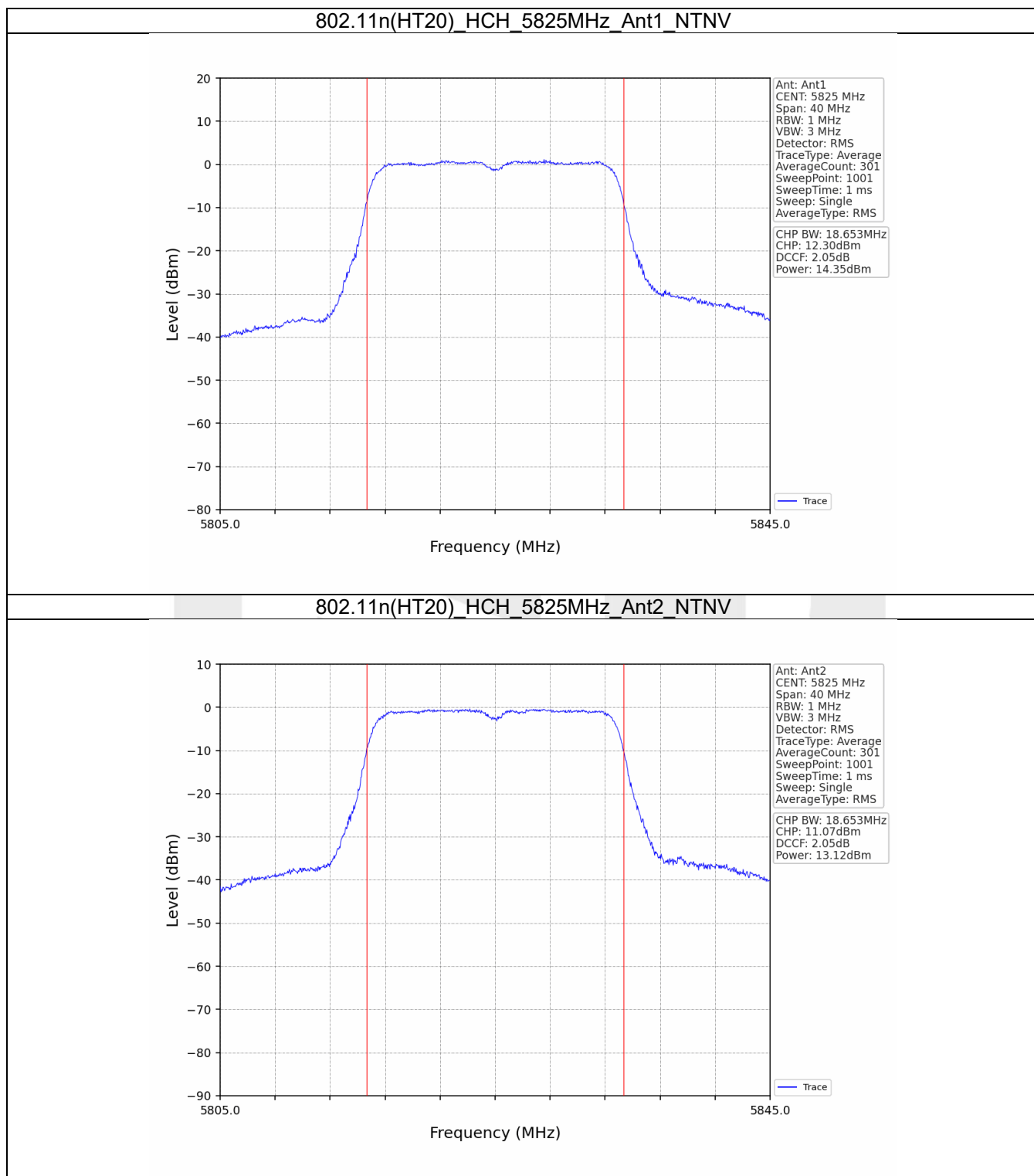


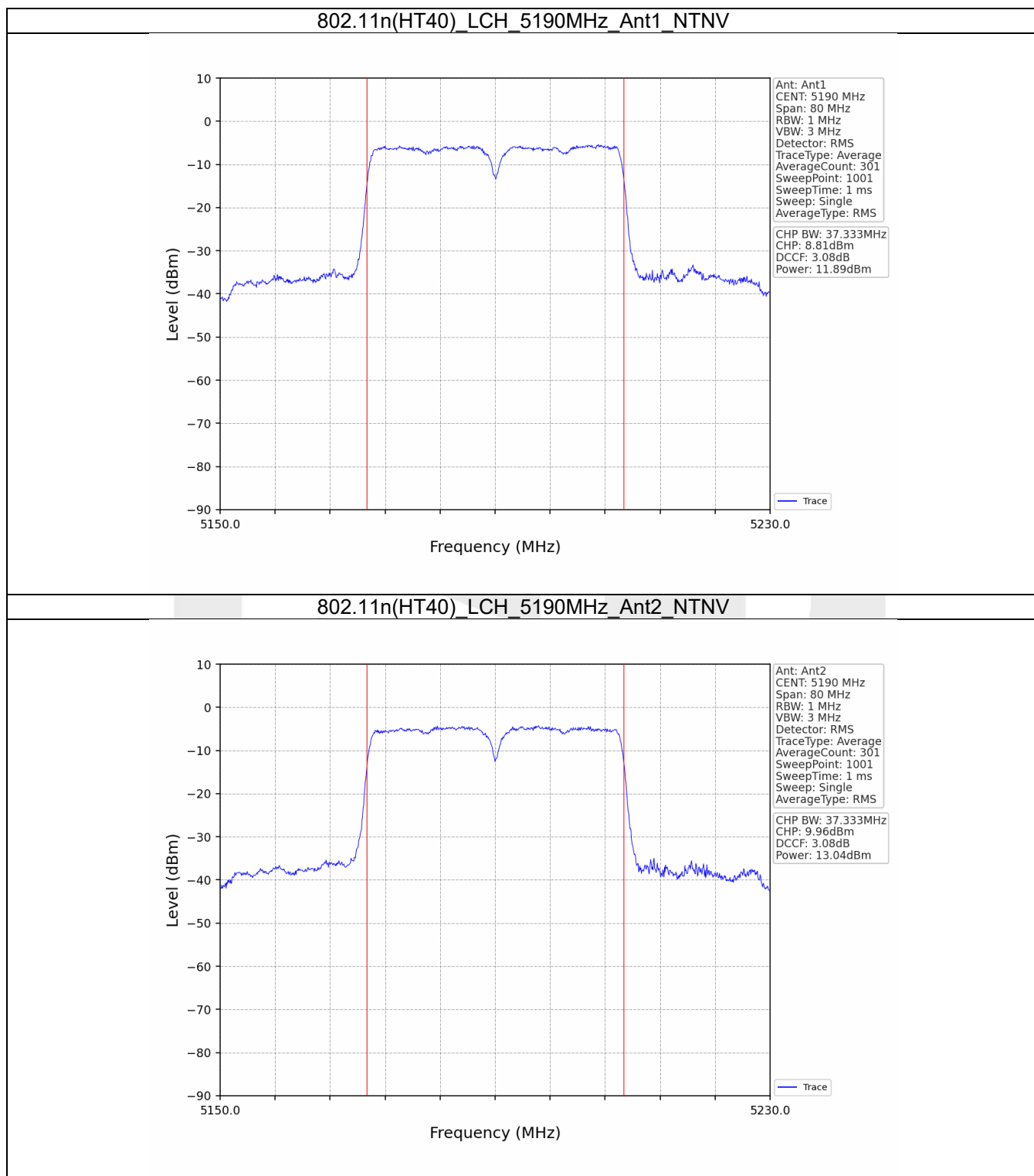


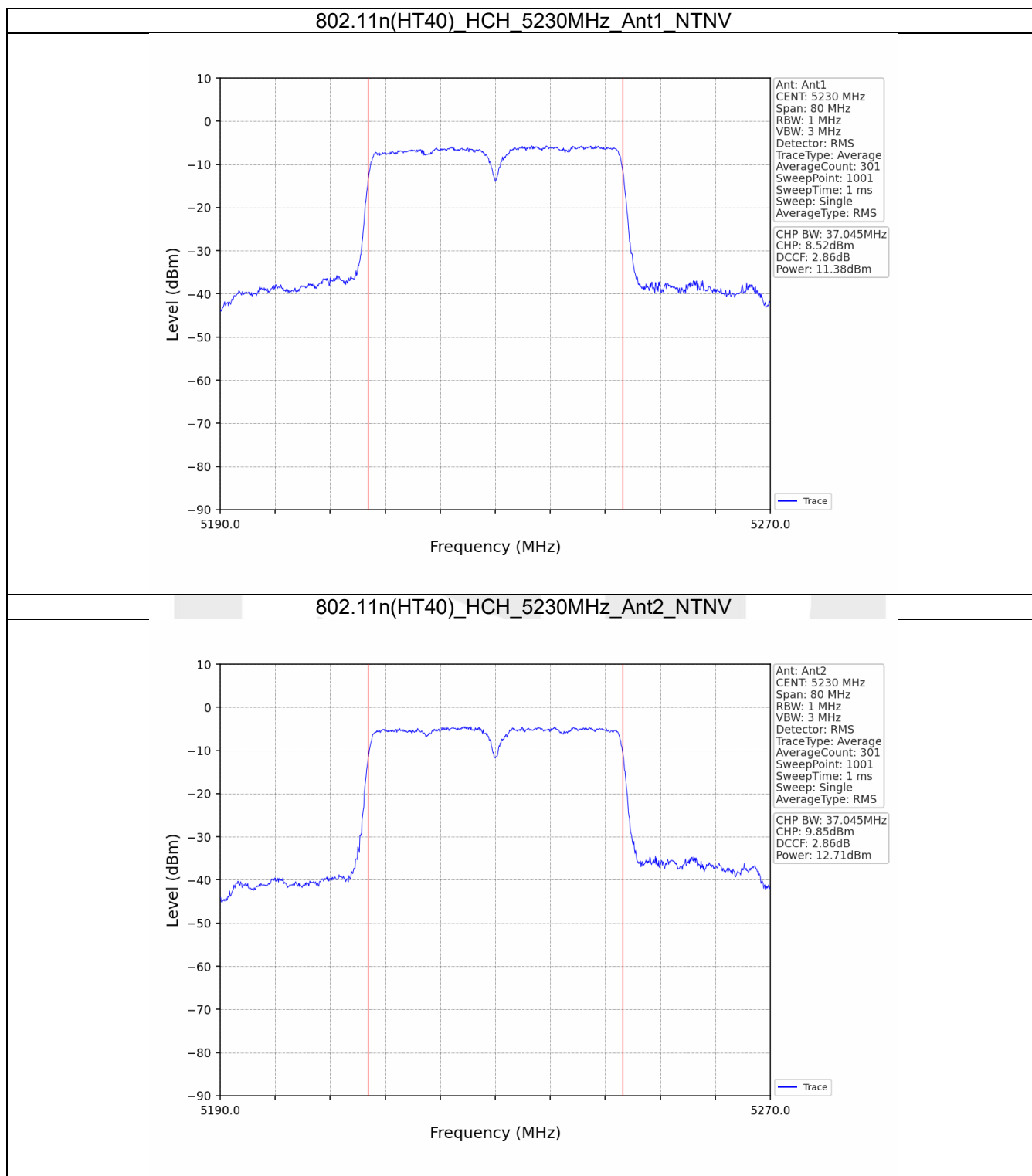


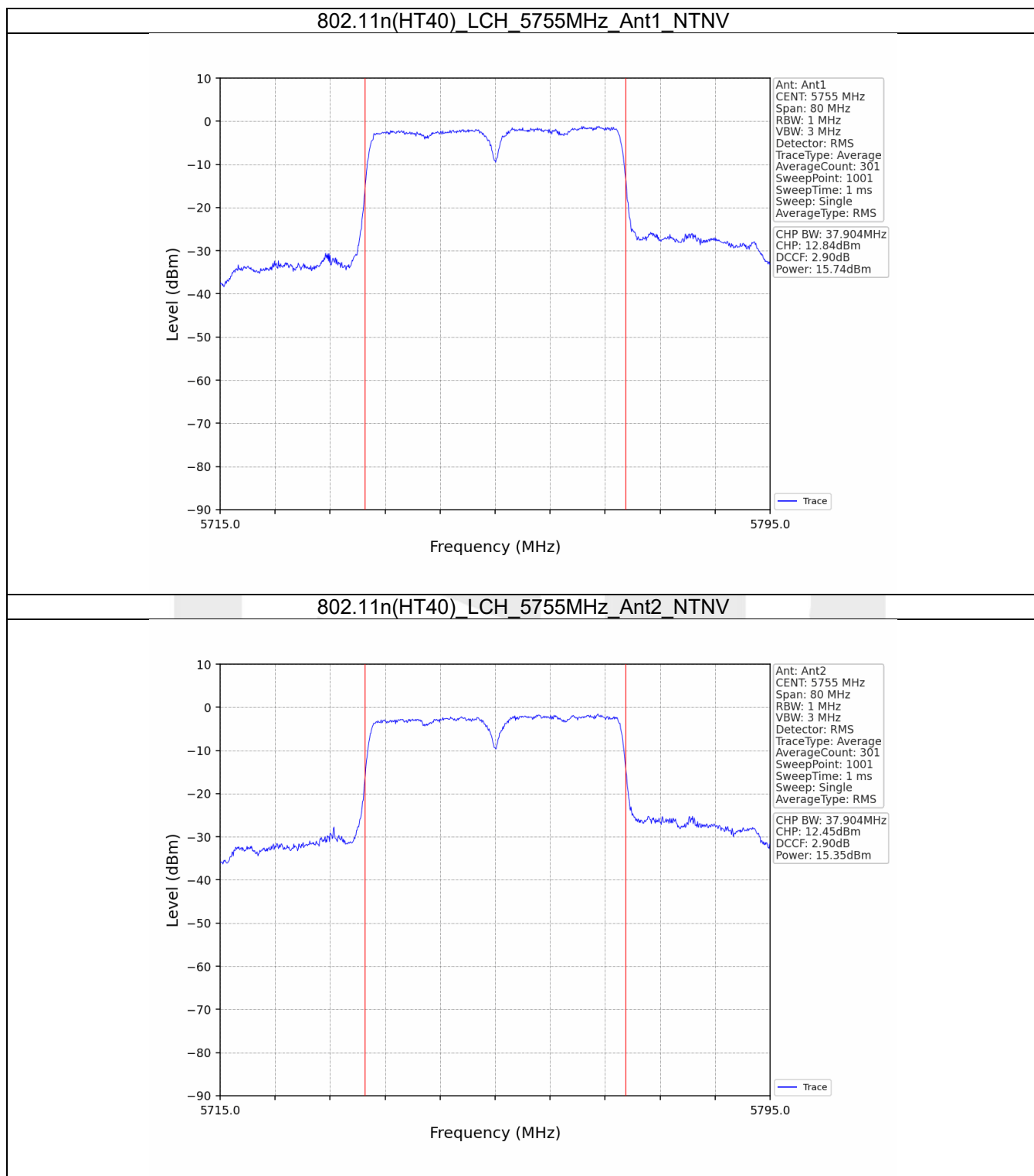


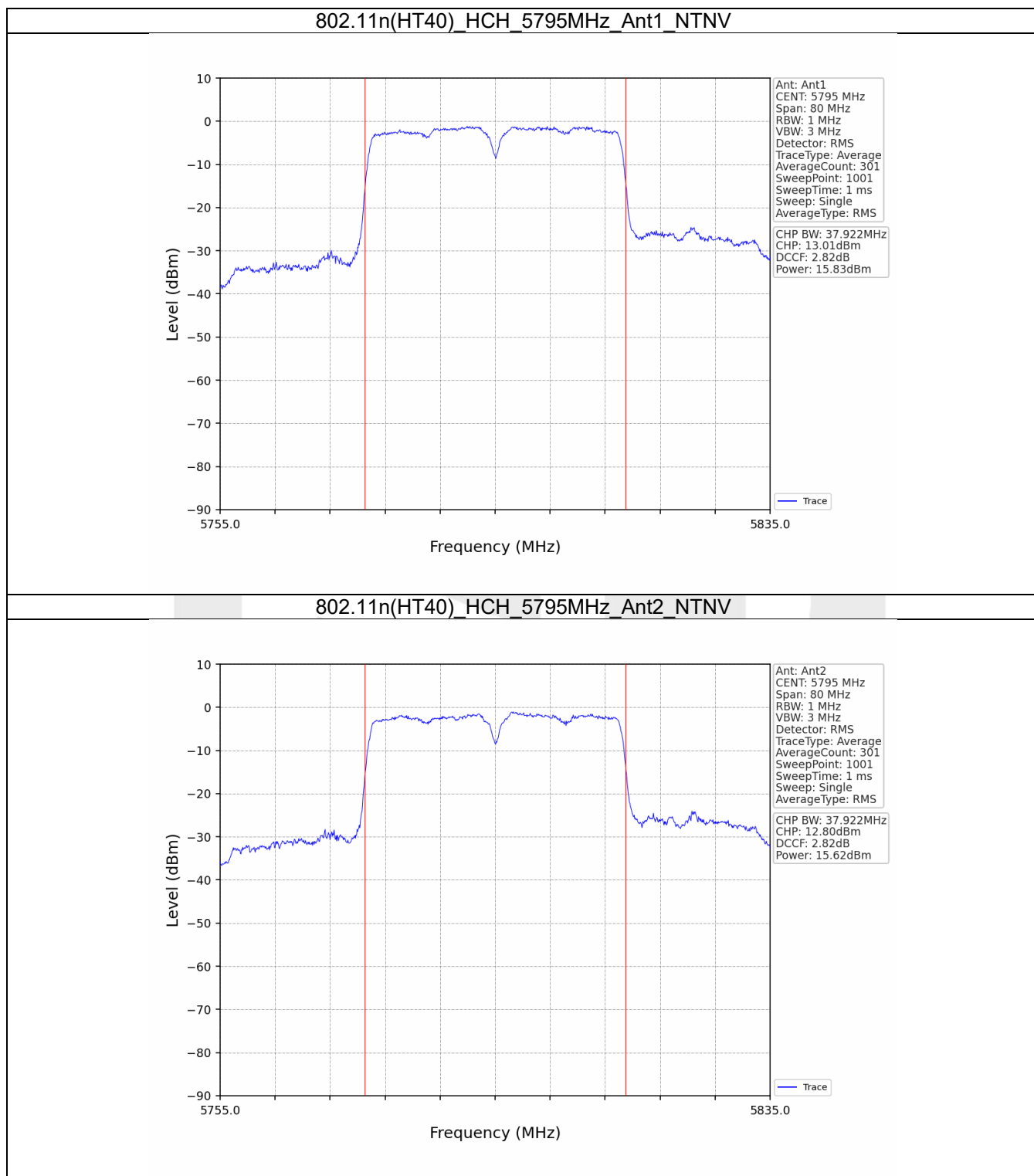


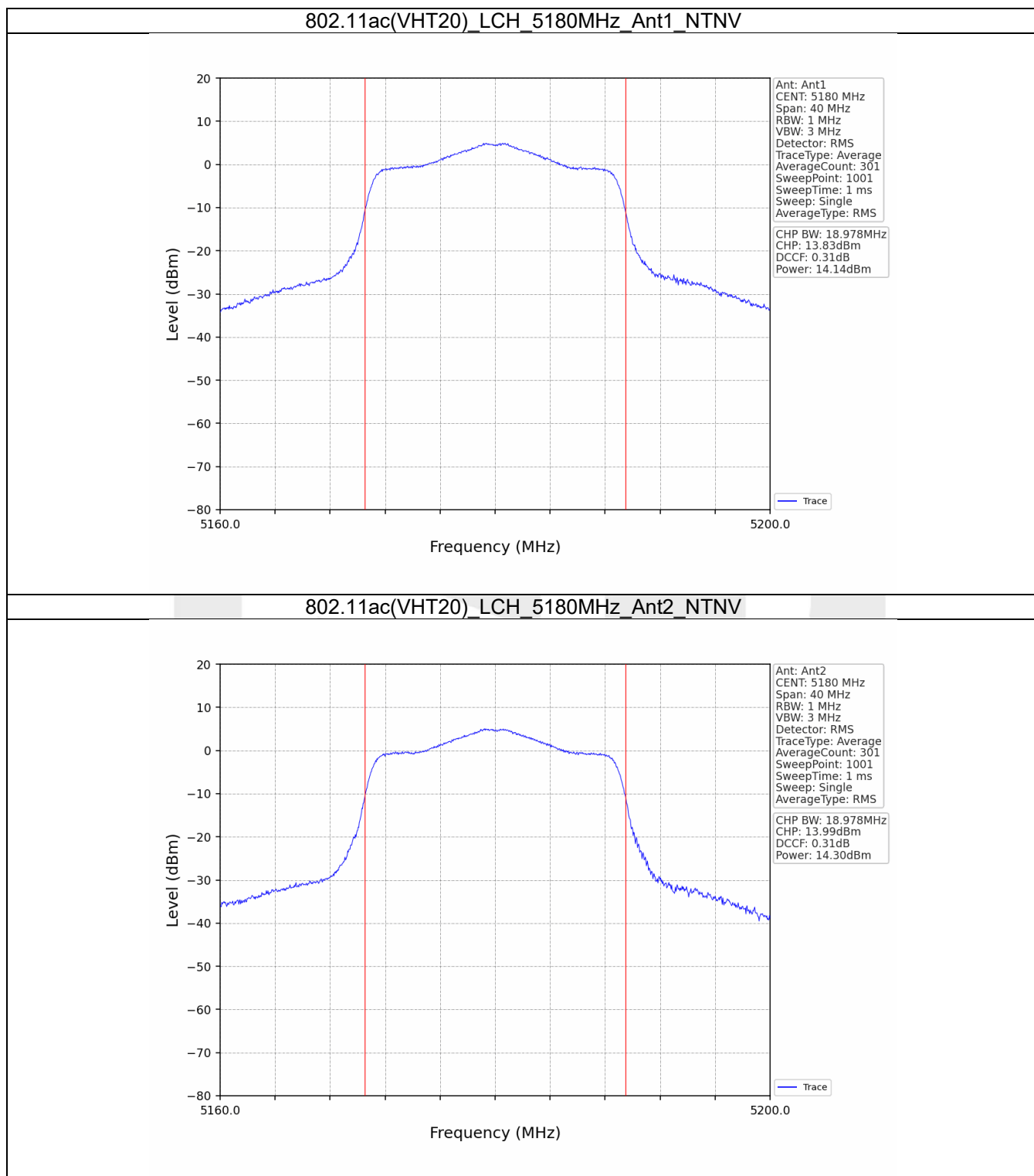


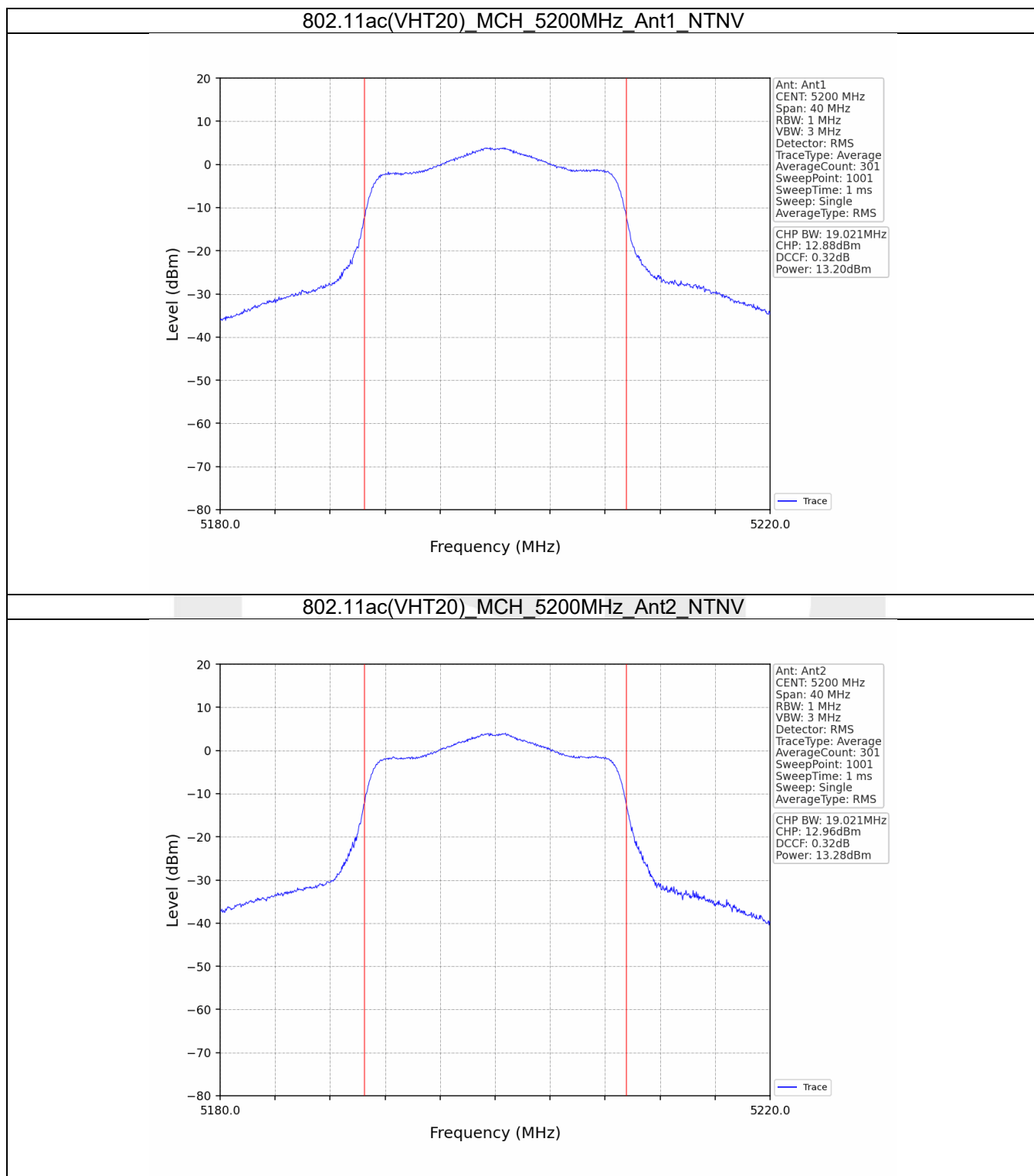


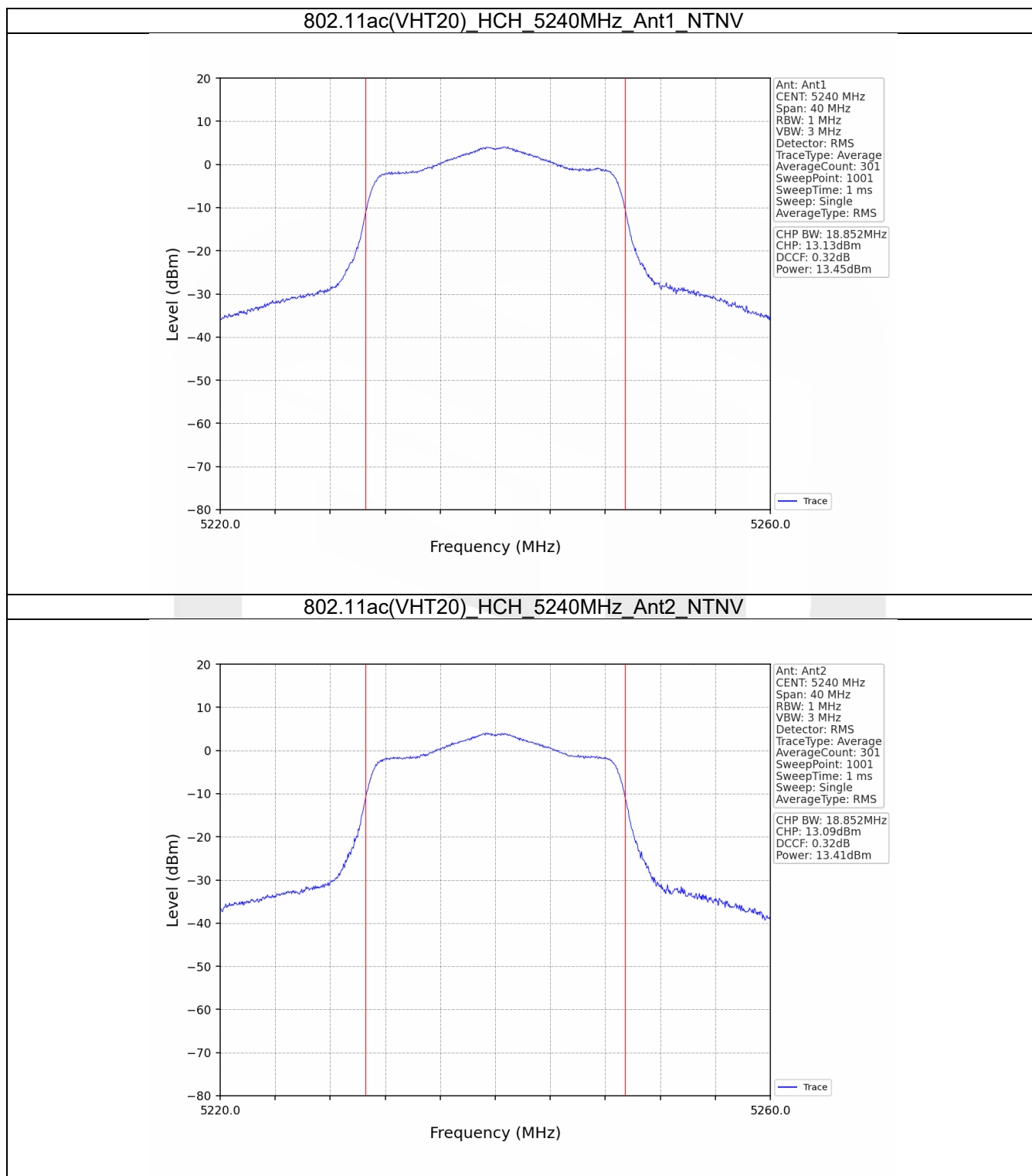


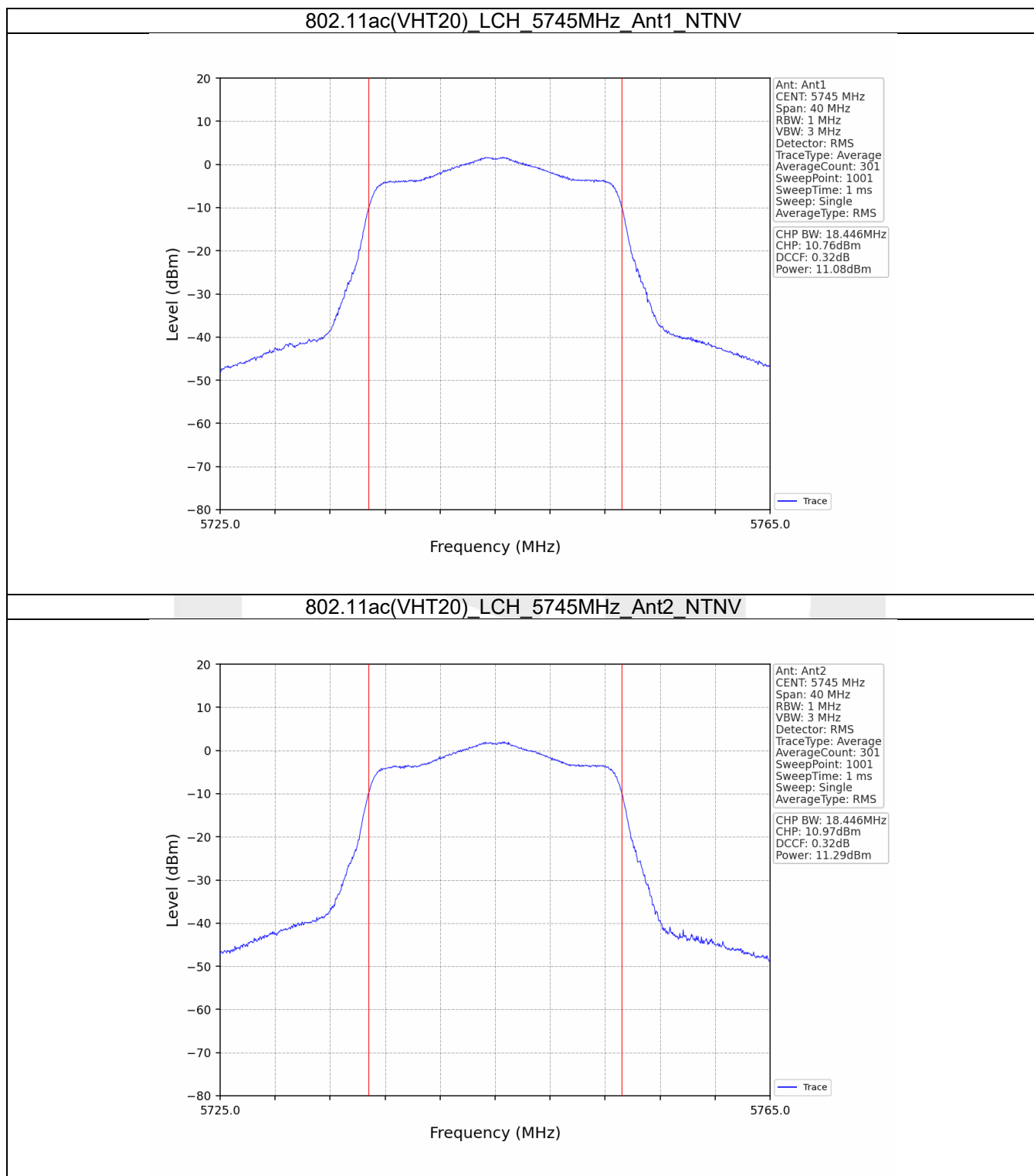


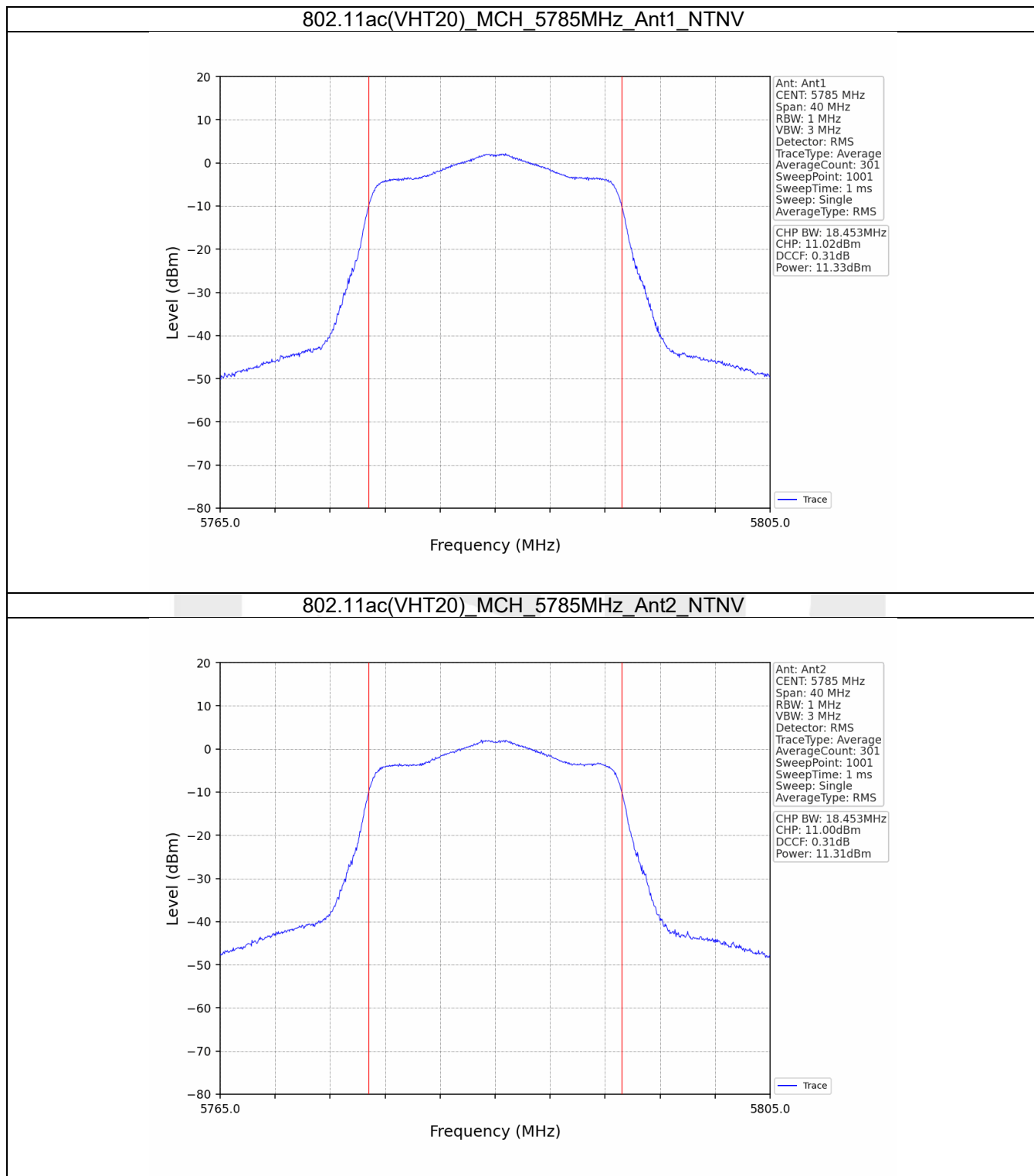


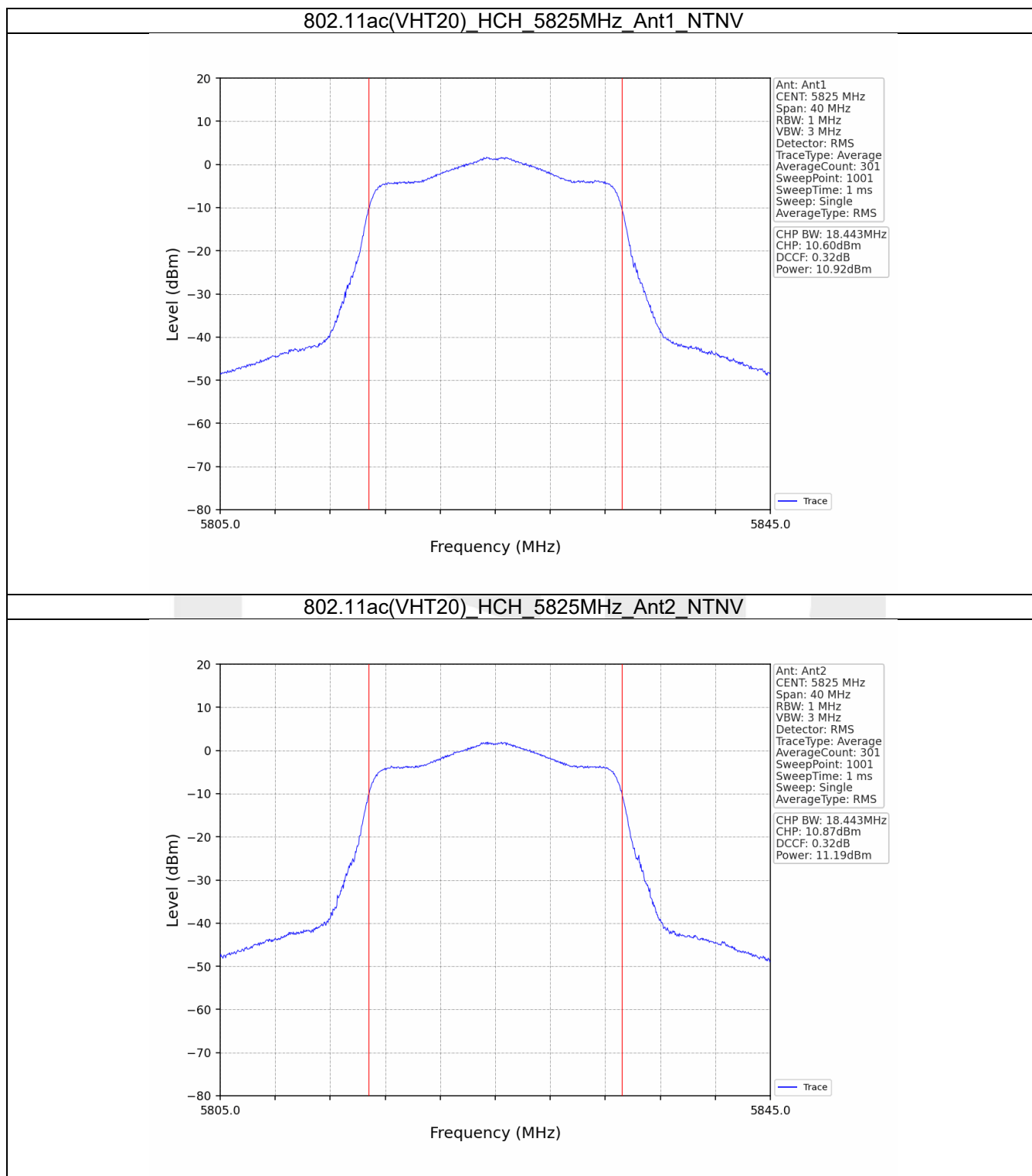


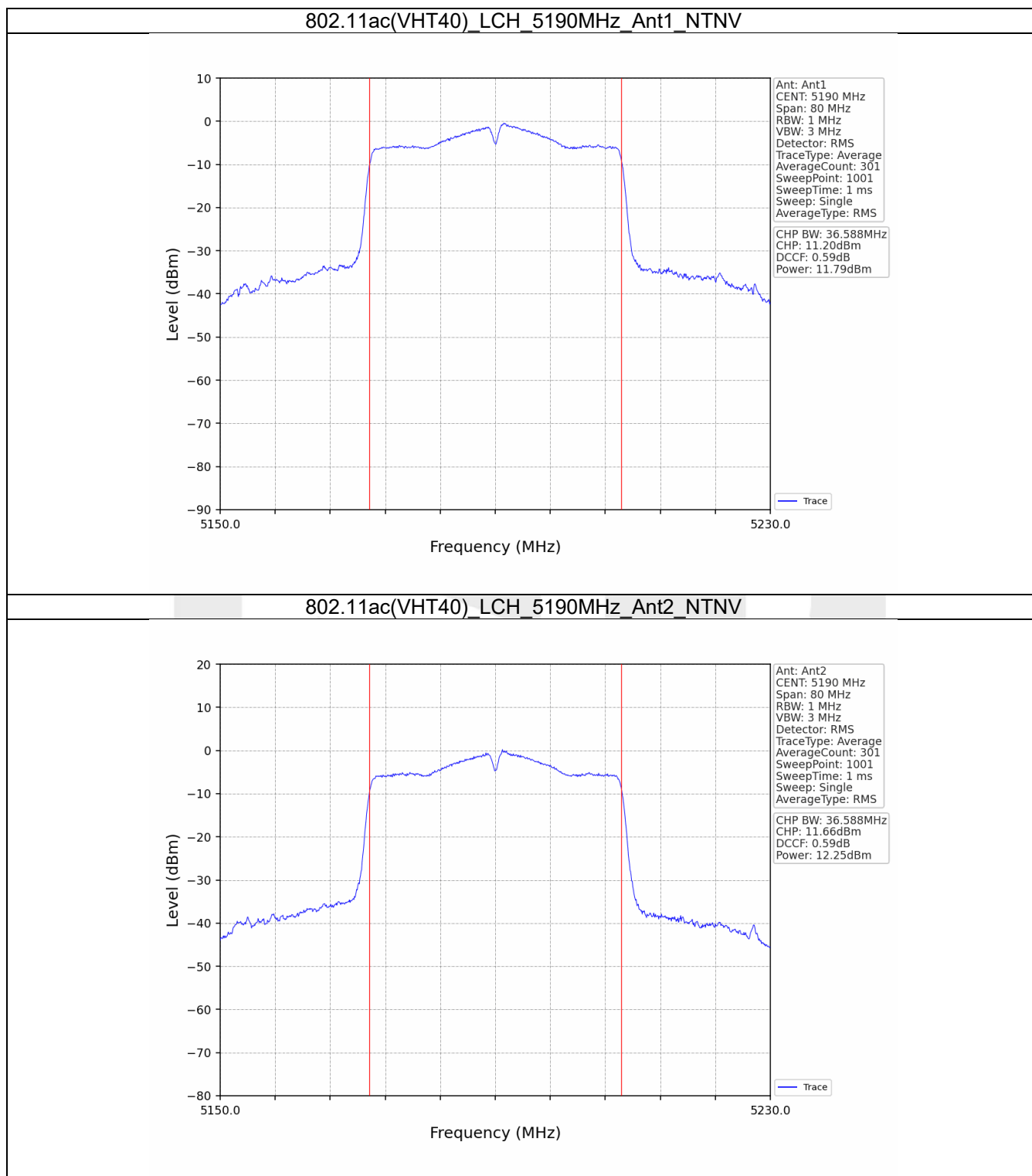


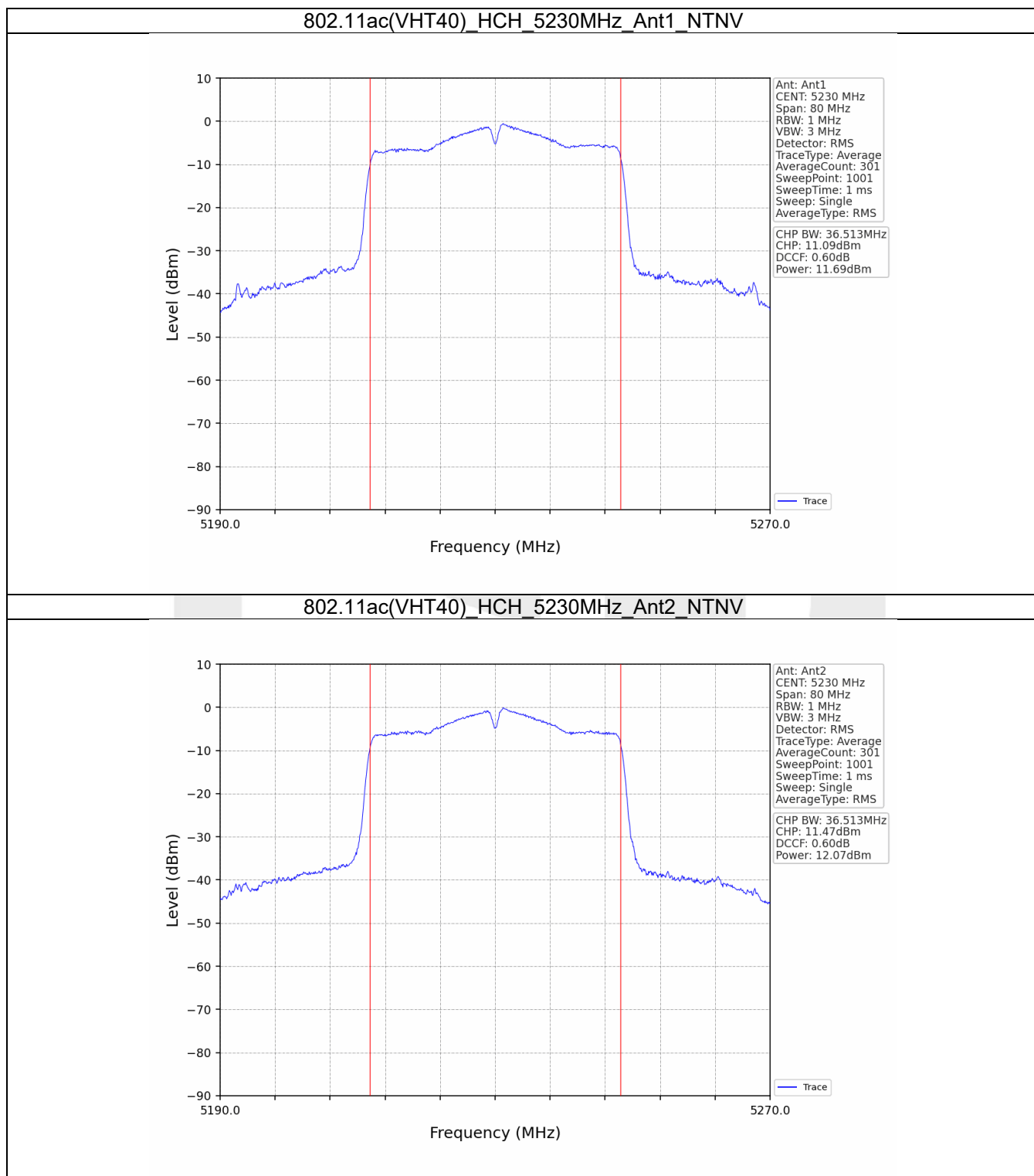




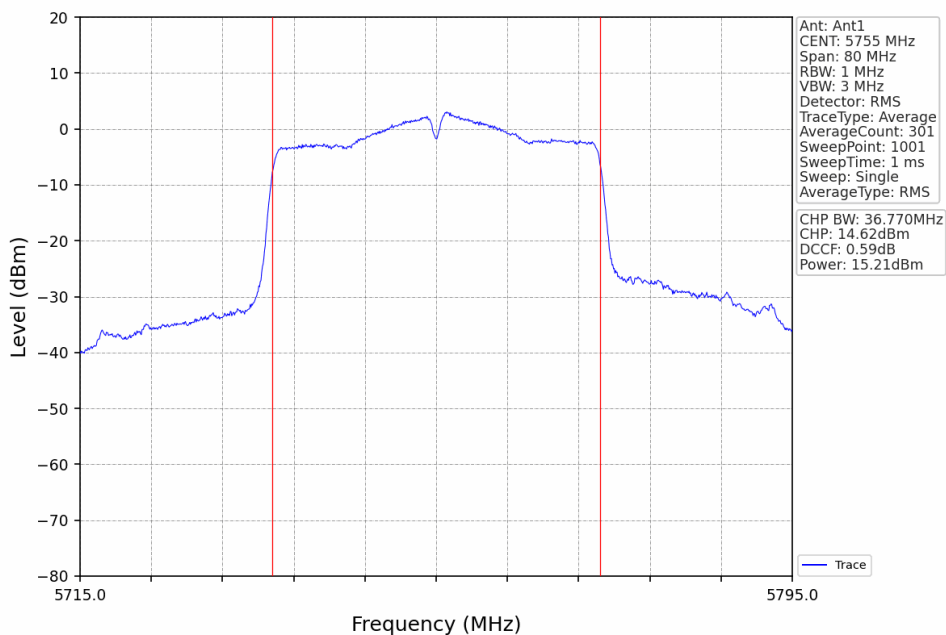




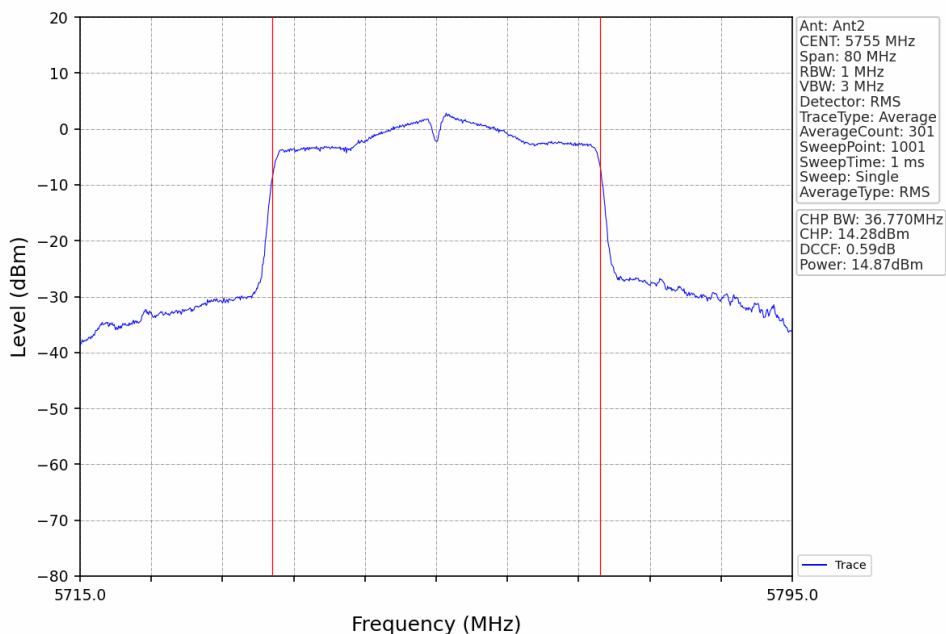


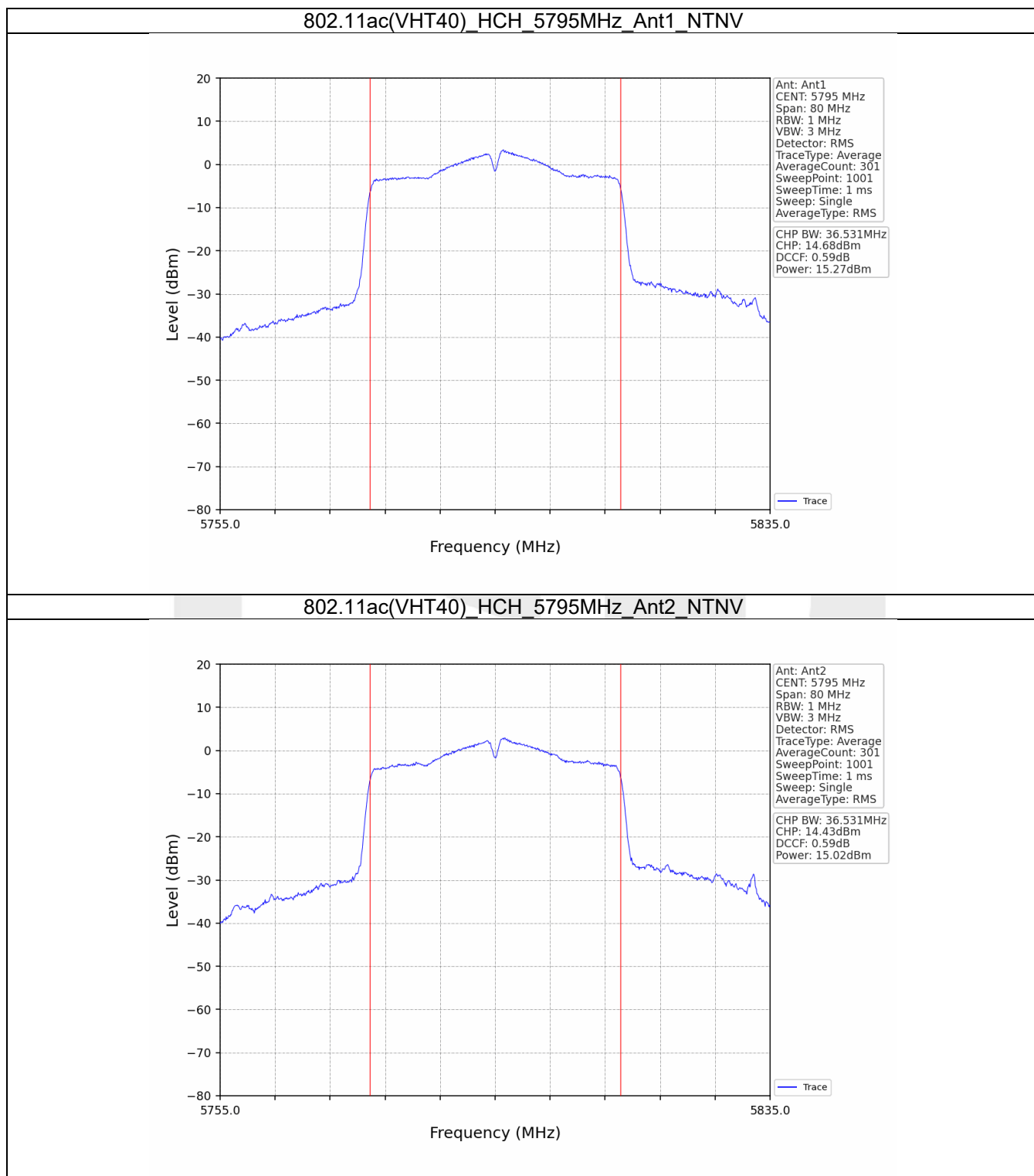


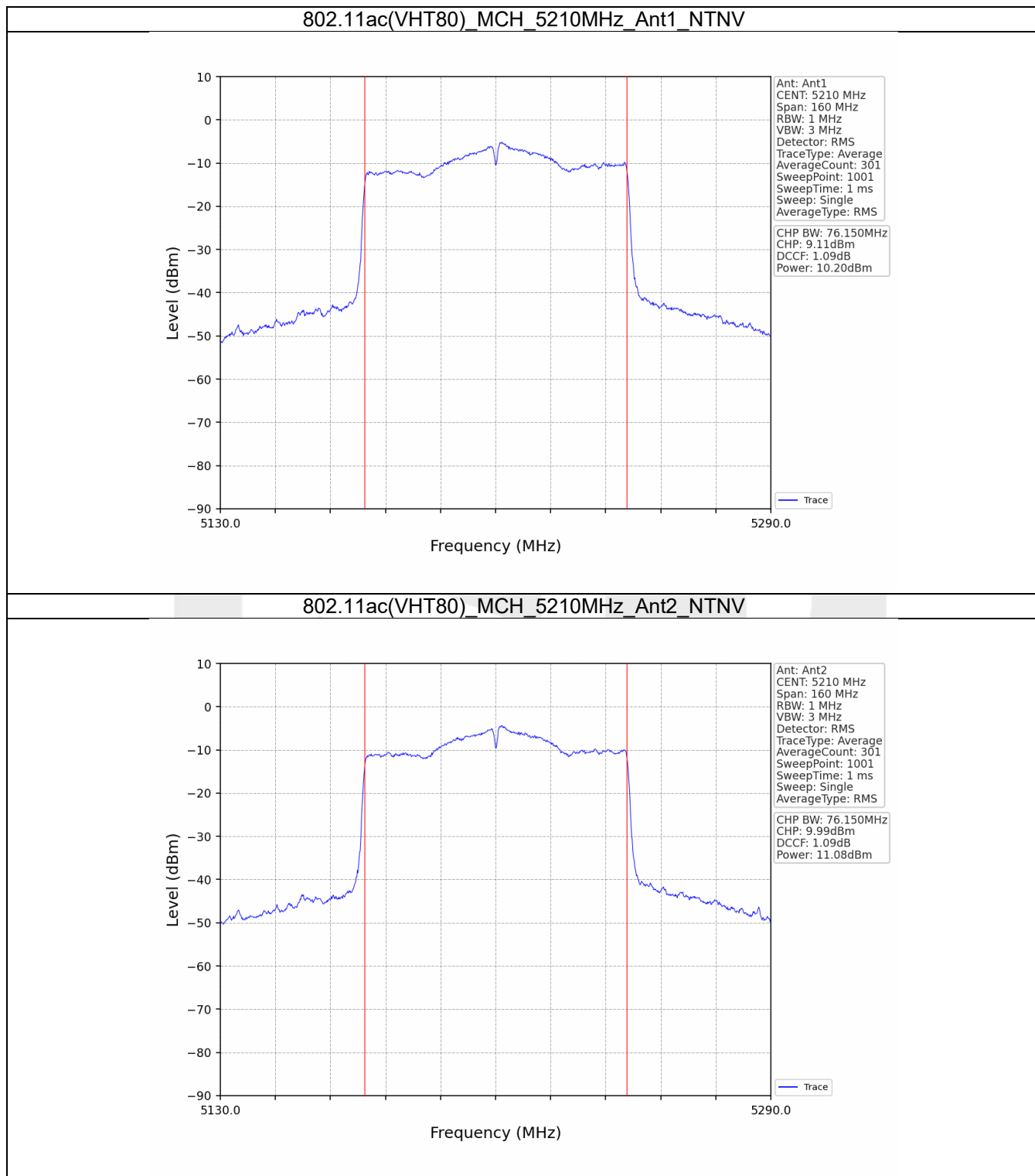
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

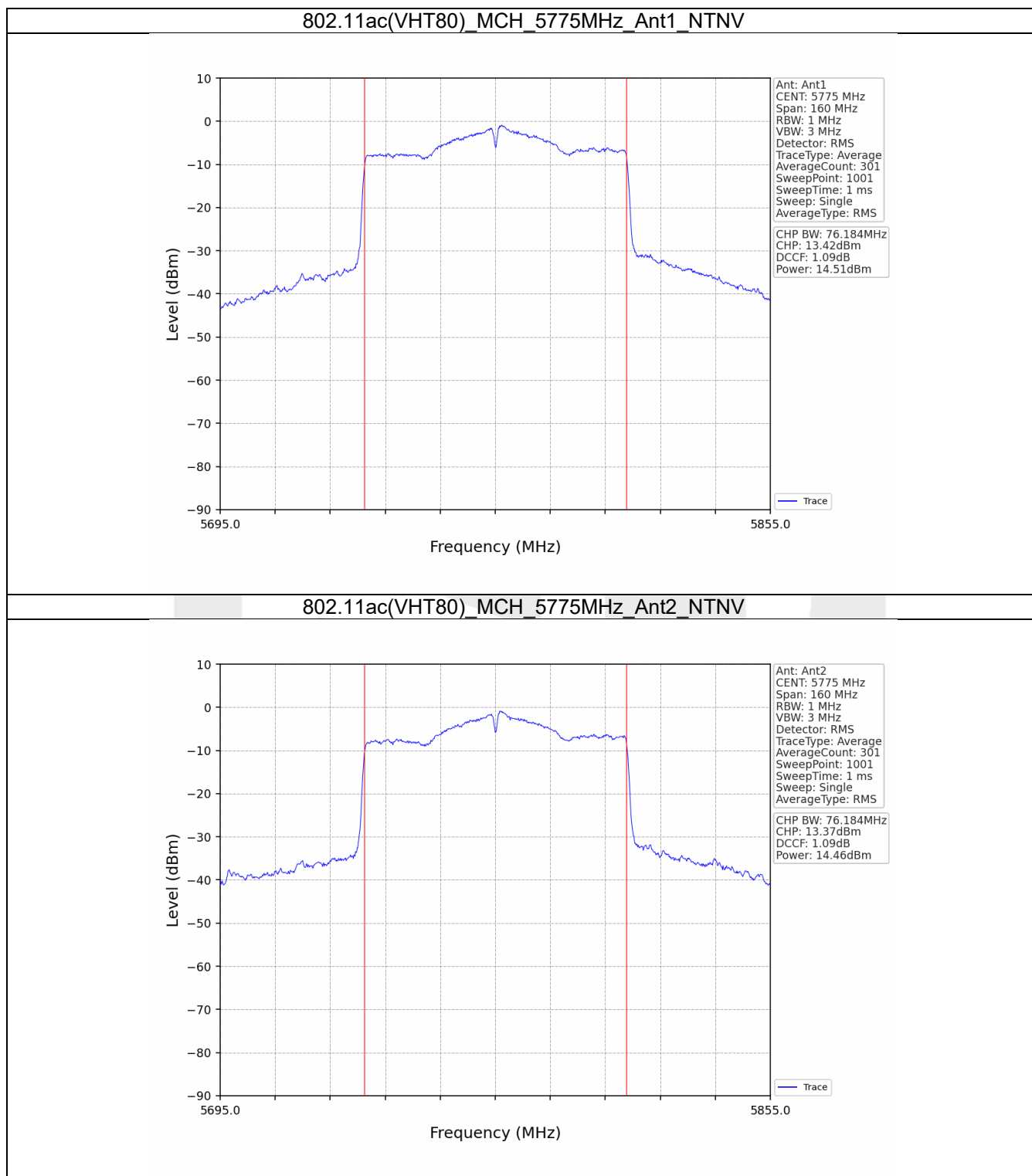


802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV

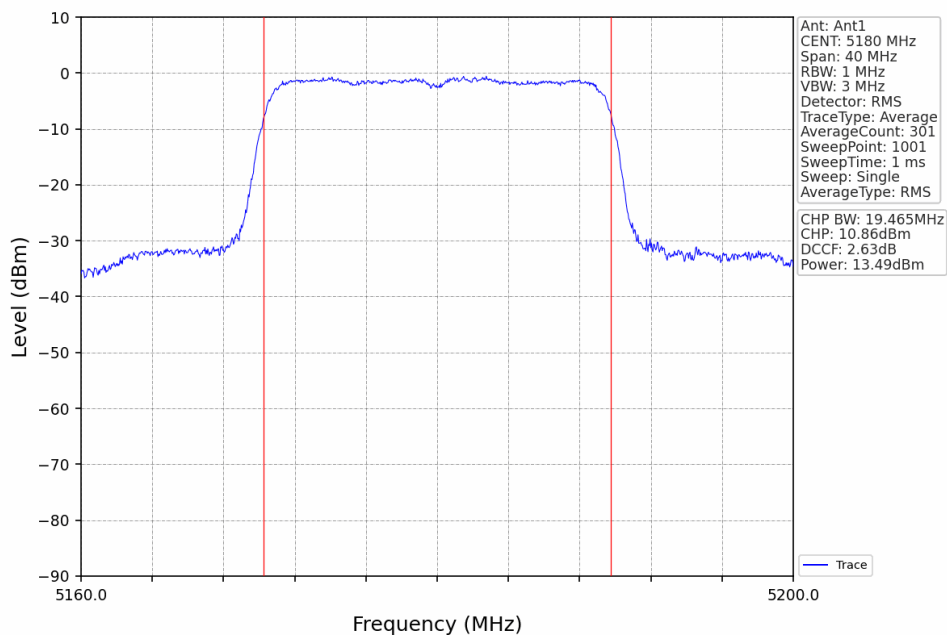




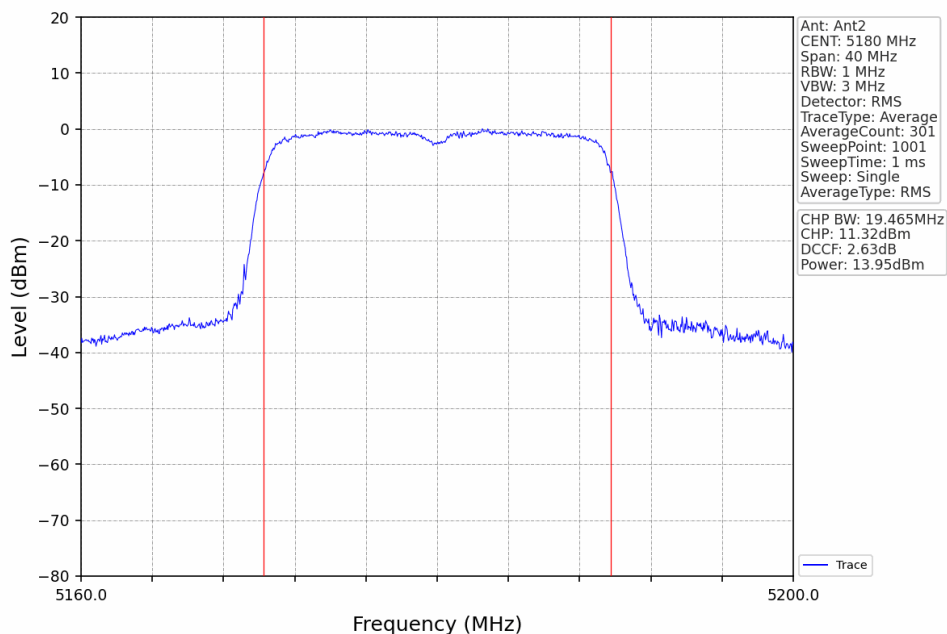


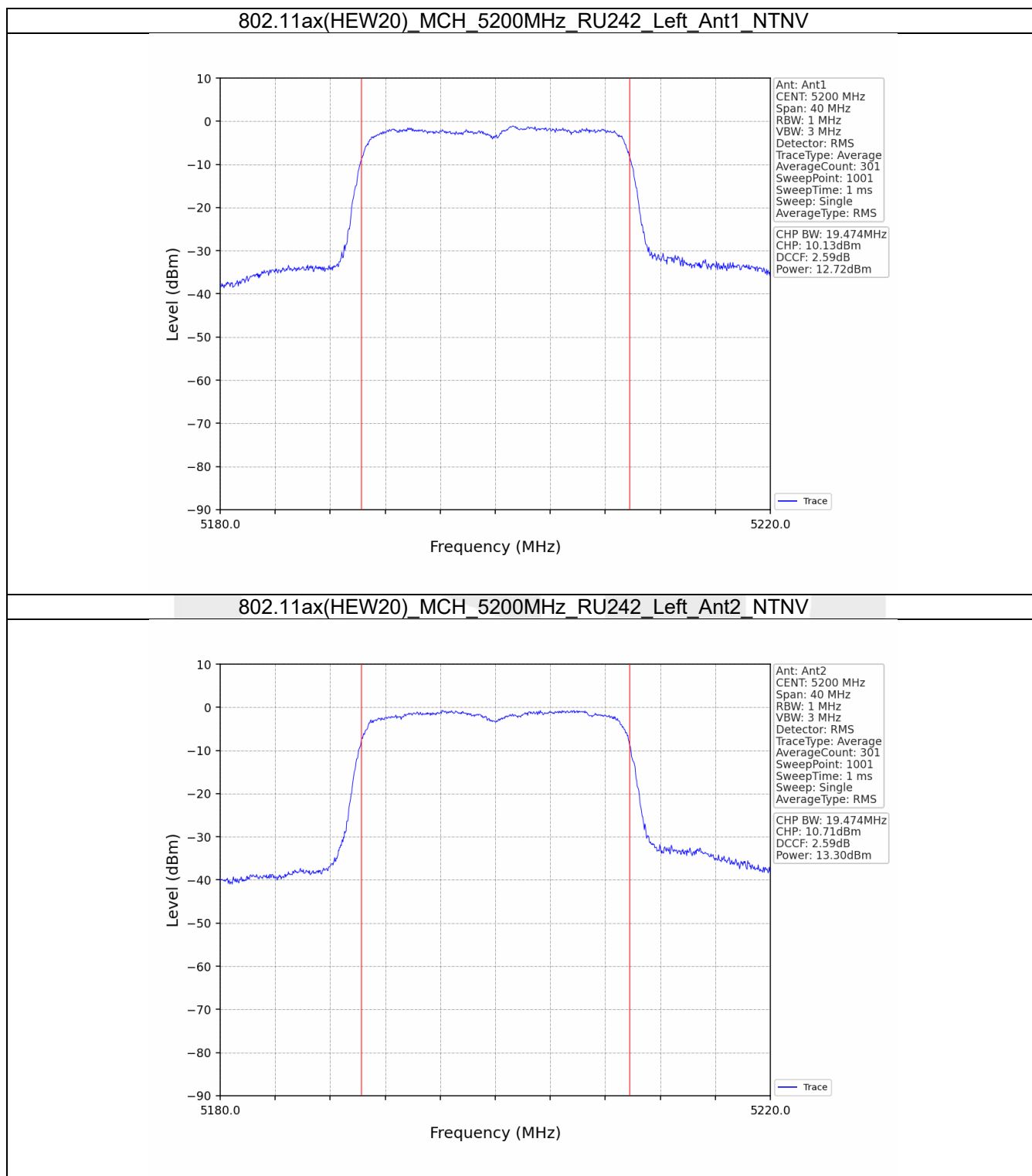


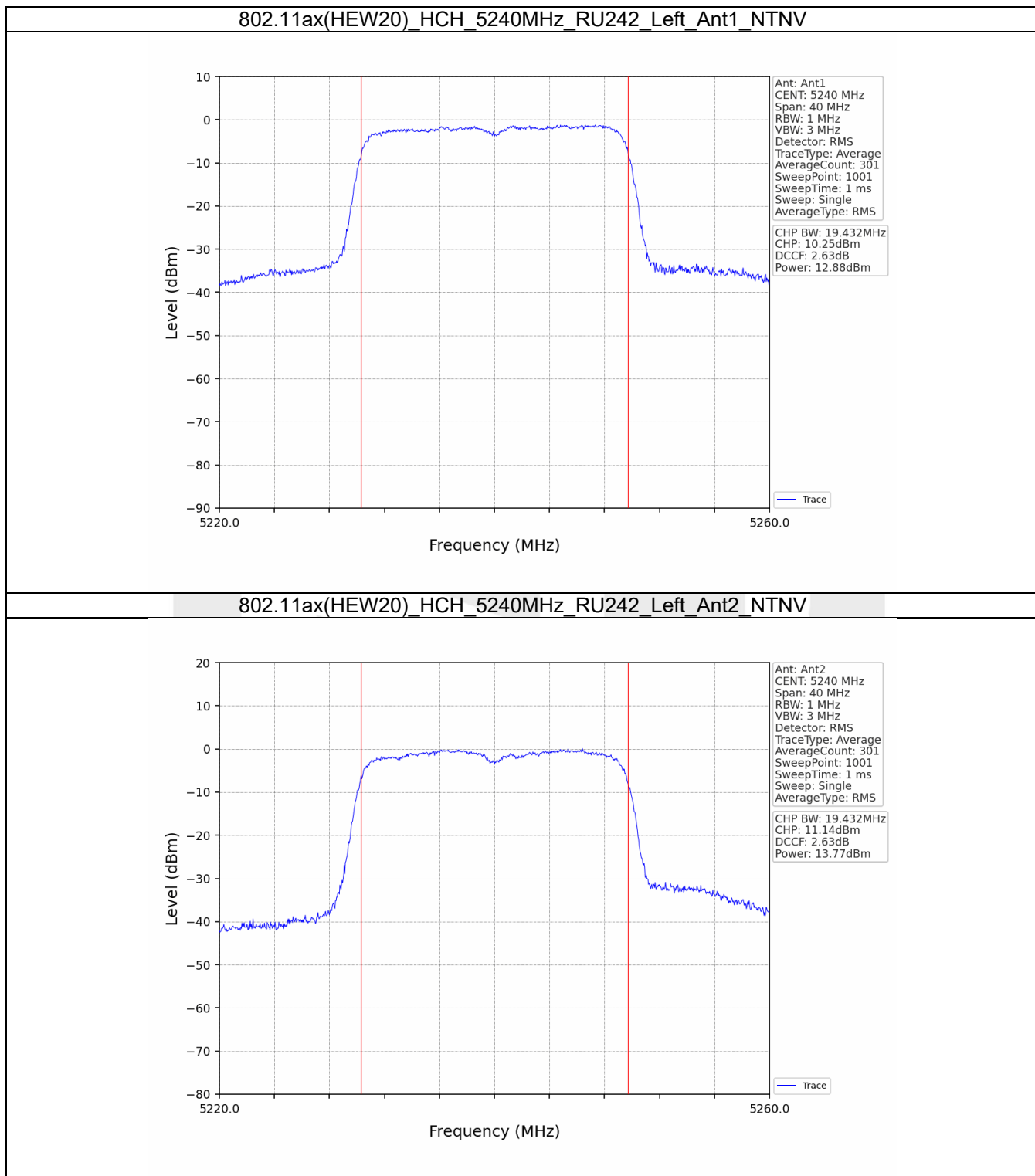
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV

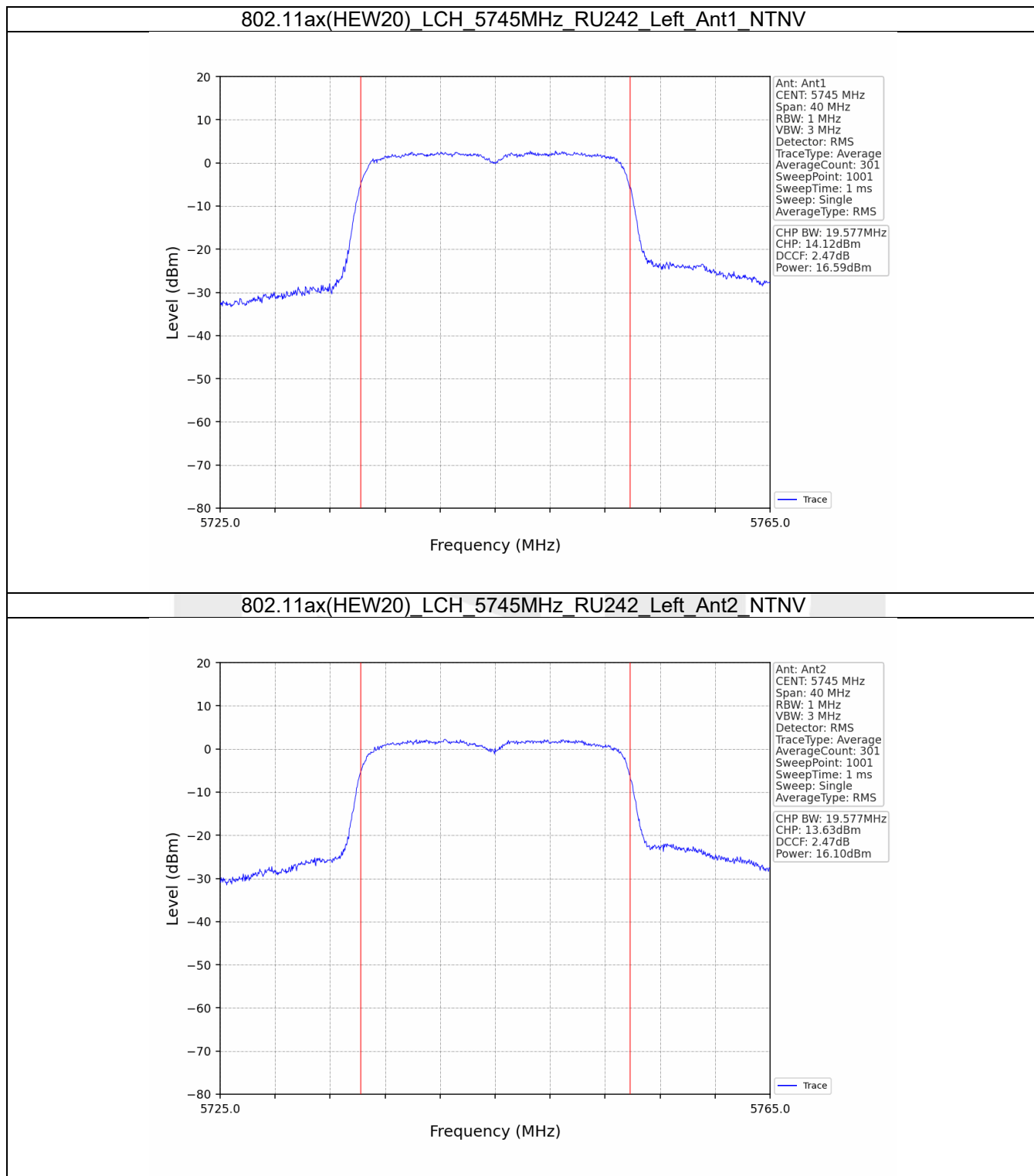


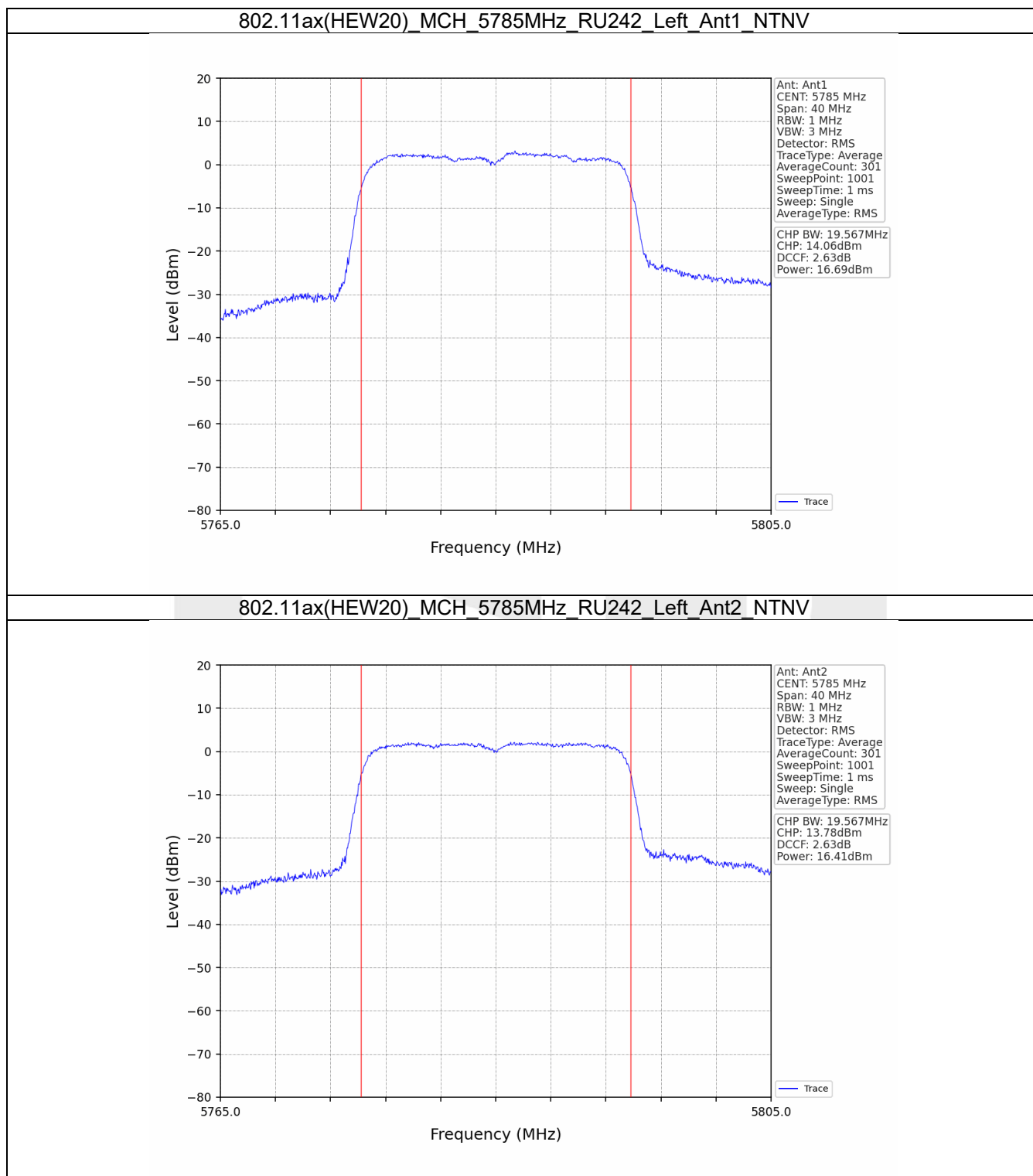
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant2_NTNV

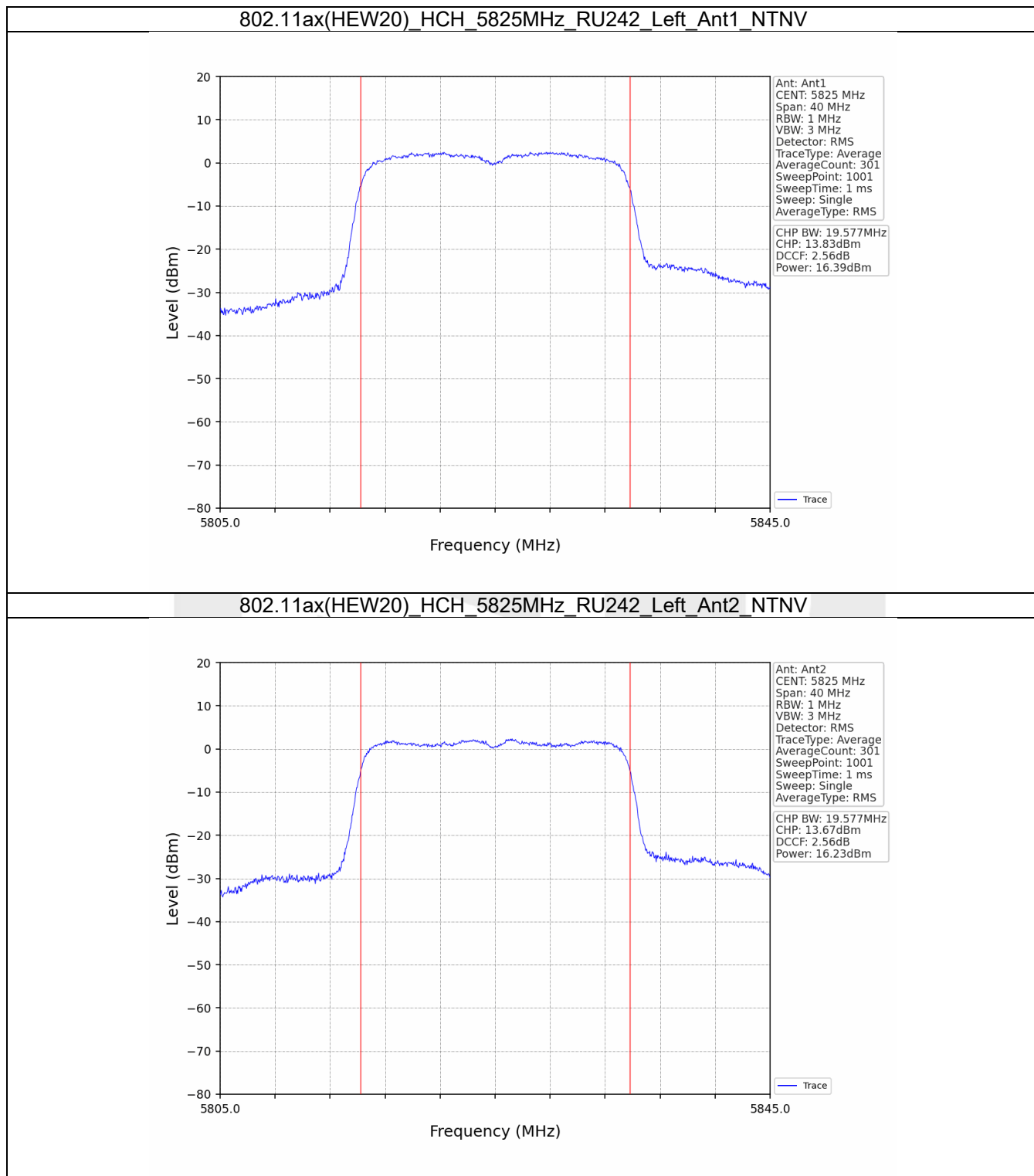


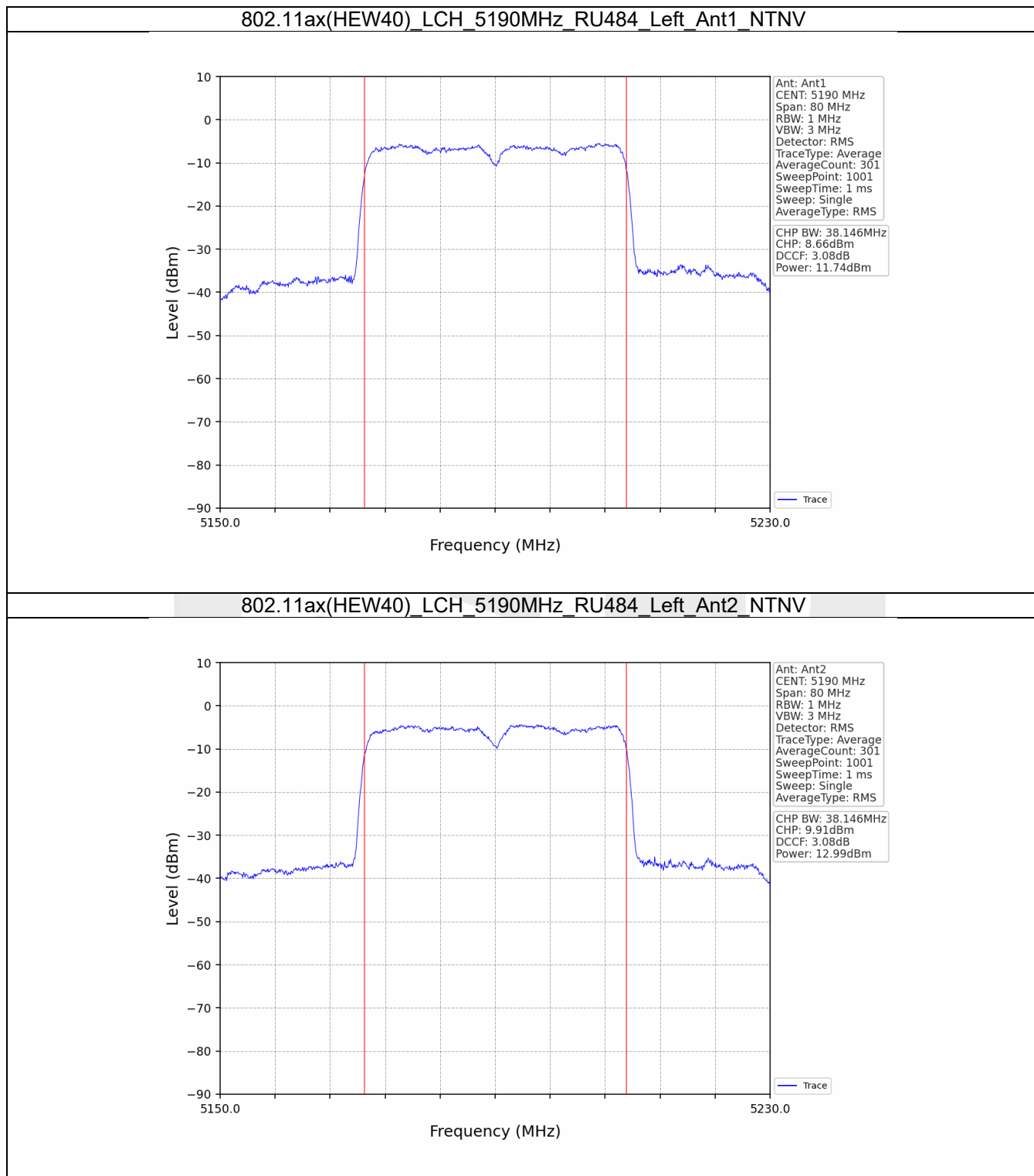


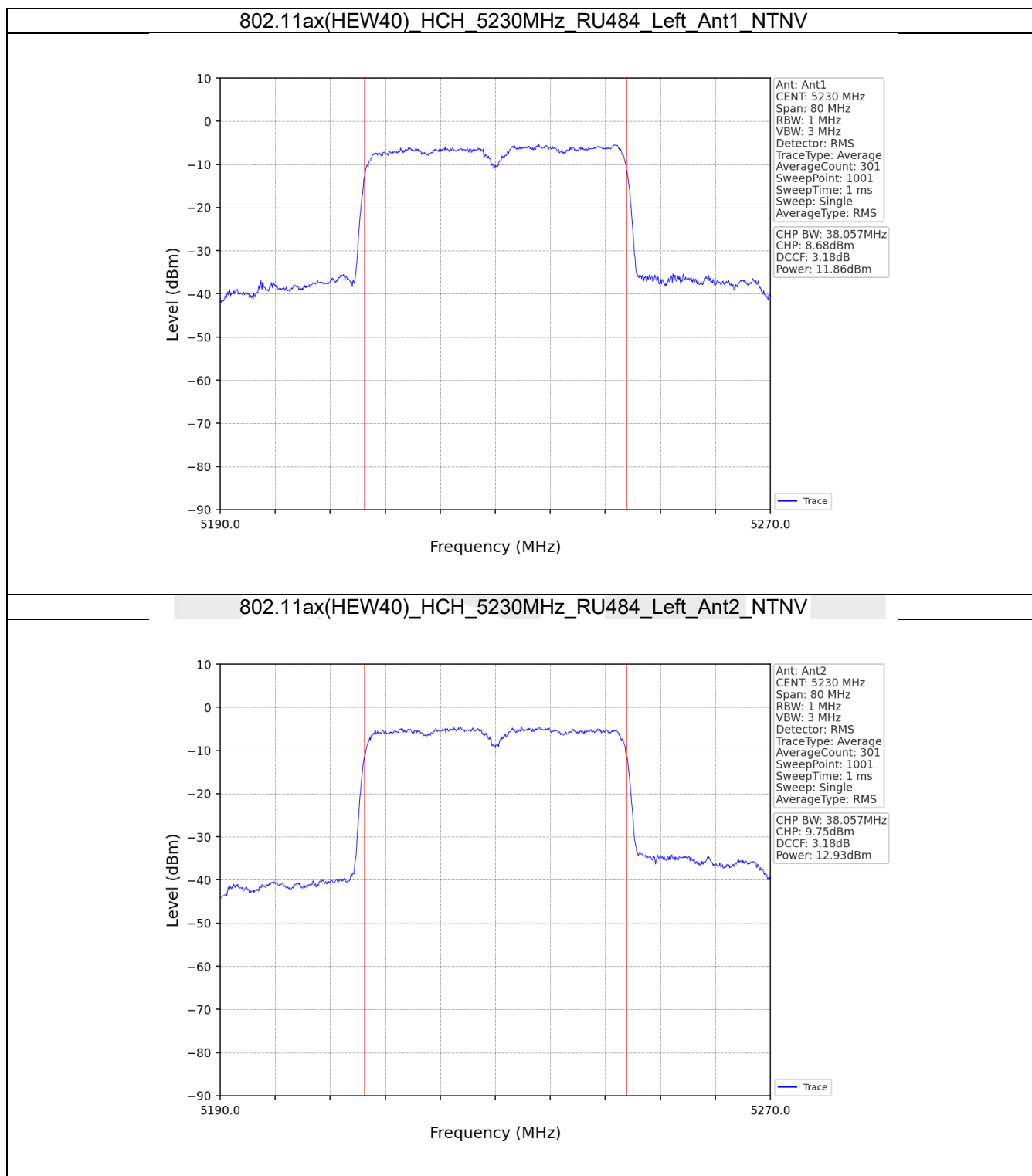




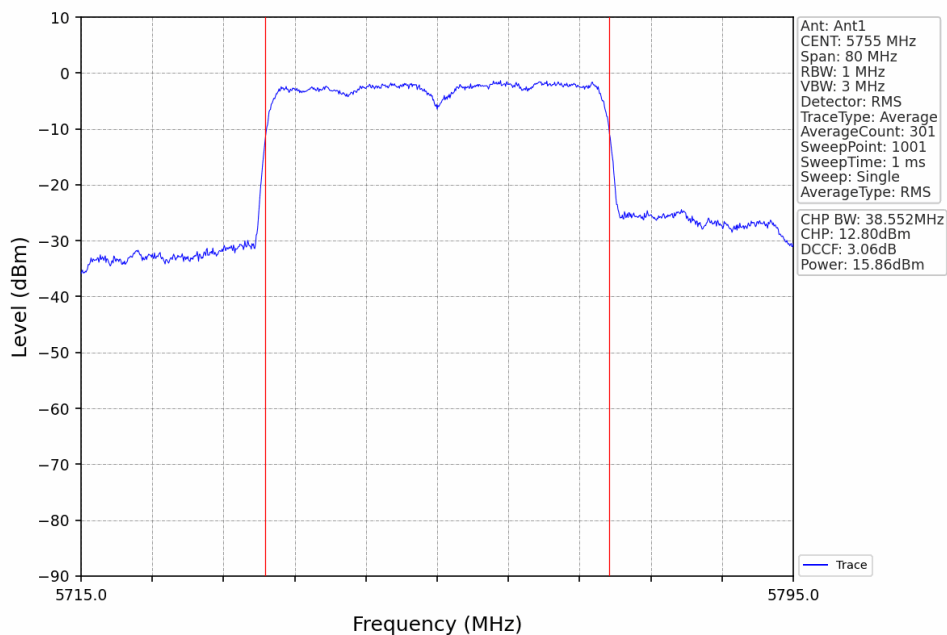




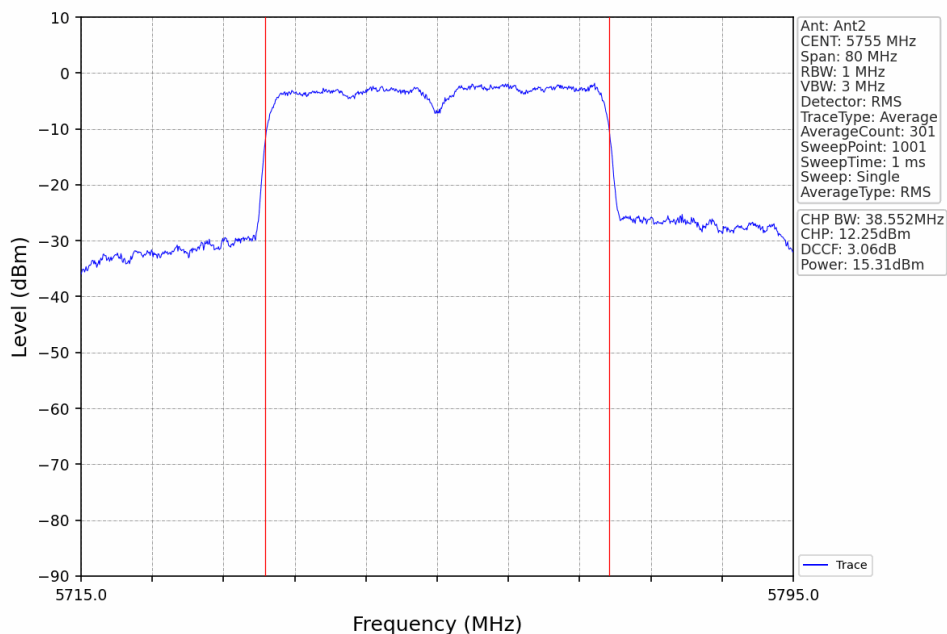


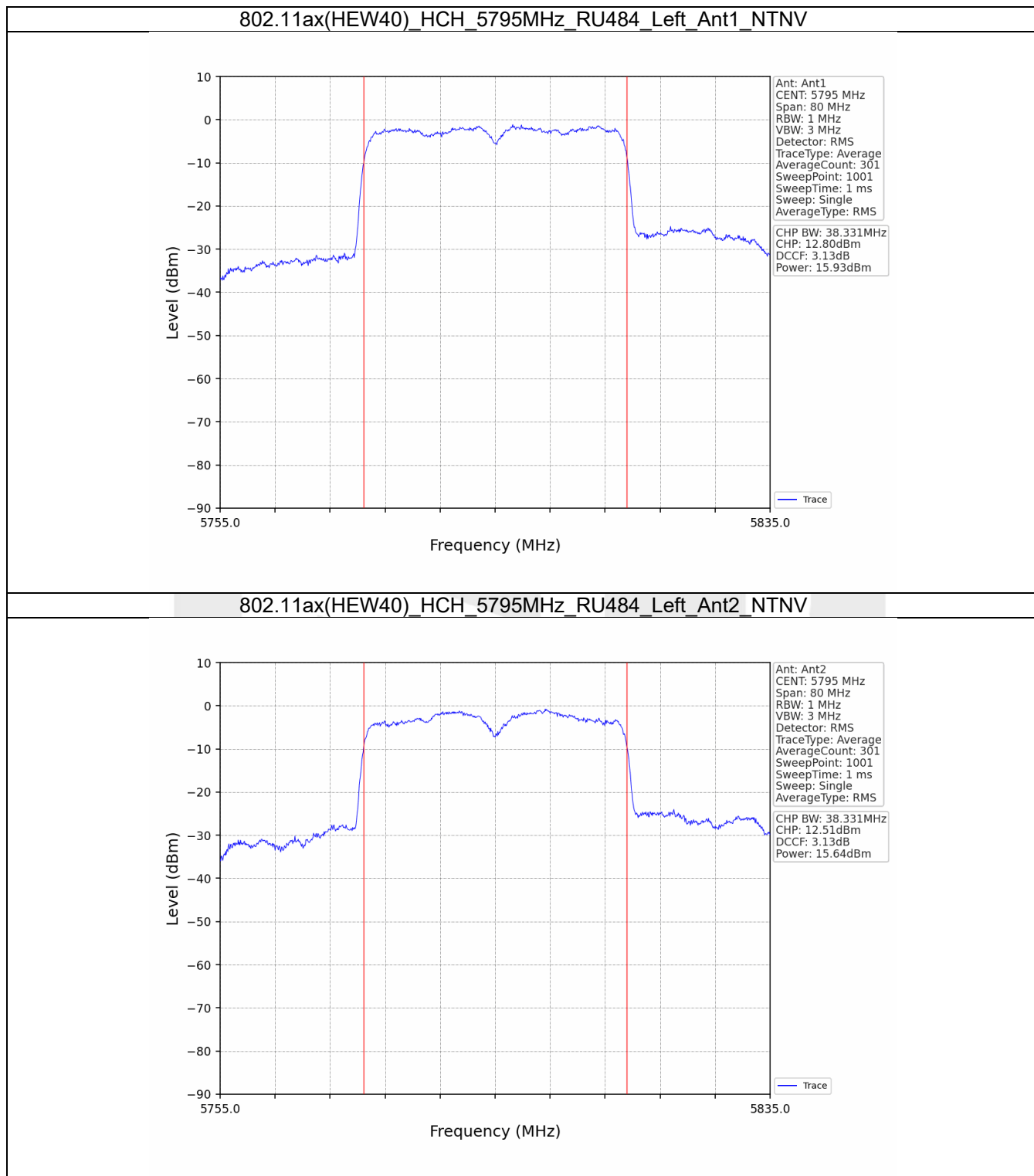


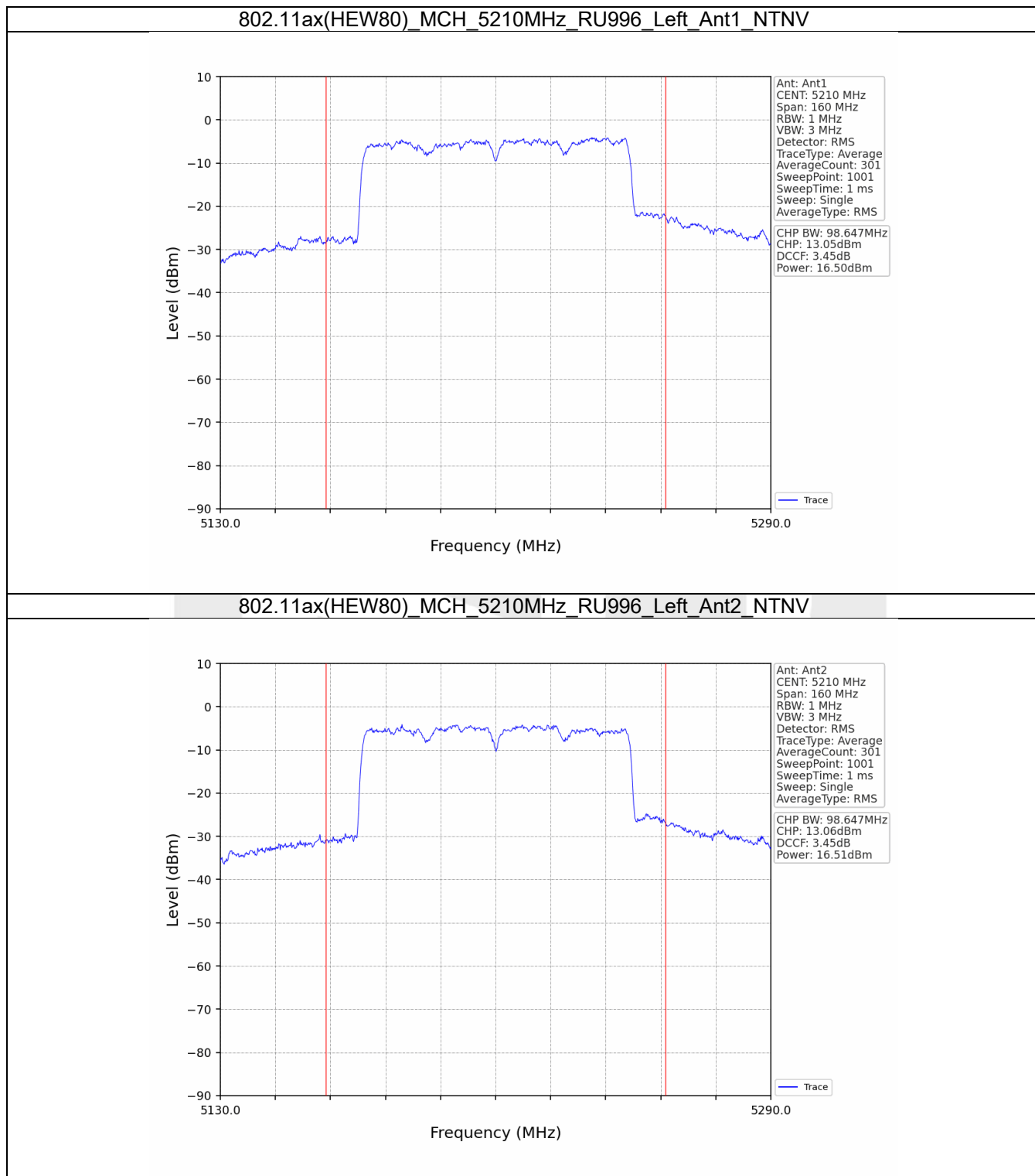
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV

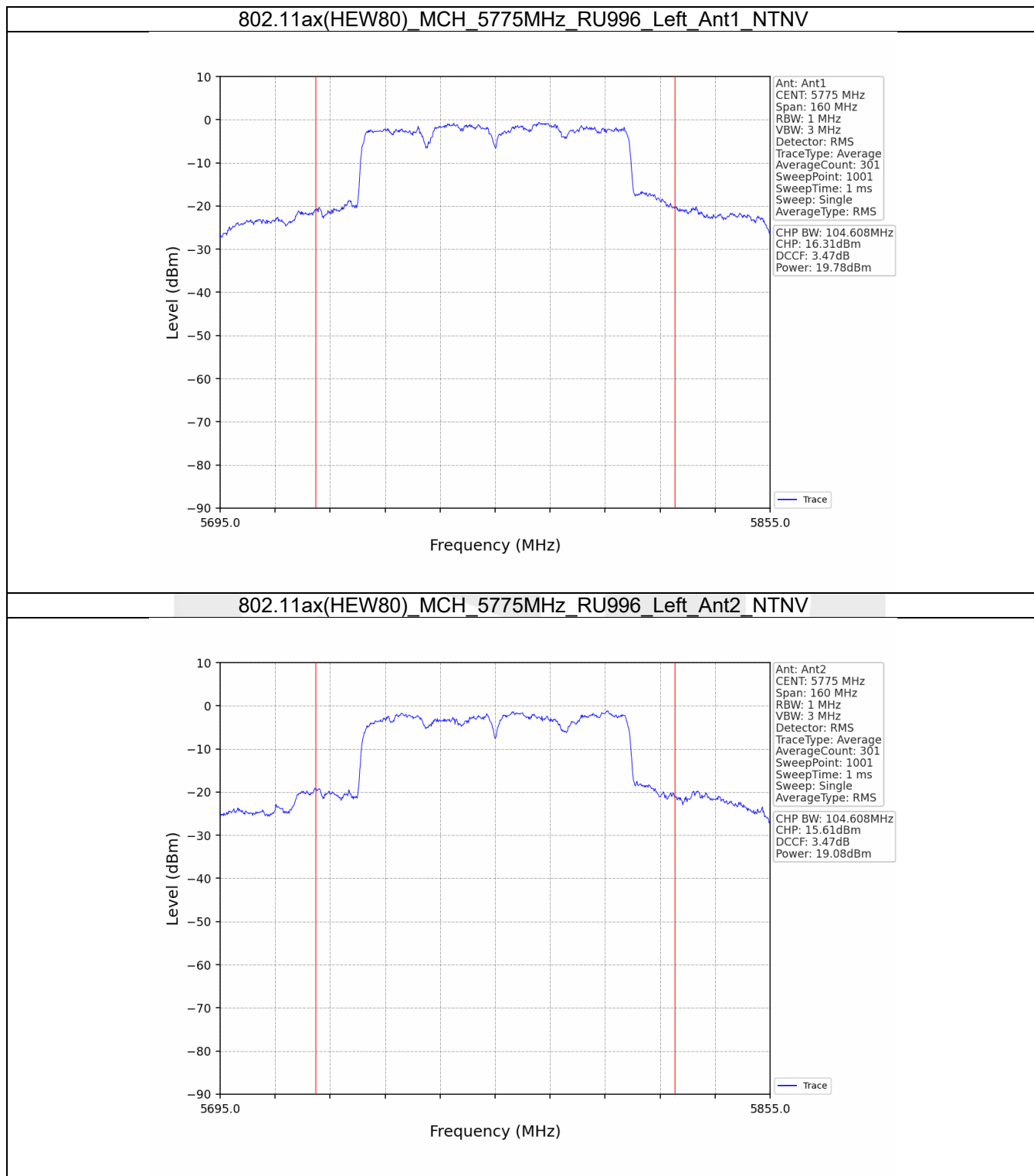


802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant2_NTNV









4. Maximum Power Spectral Density

4.1 PSD-Band1

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5180	/	/	-1.32	-0.13	<=11	Pass
		5200	/	/	-2.28	-1.00	<=11	Pass
		5240	/	/	-1.97	-0.82	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	0.95	1.20	<=11	Pass
		5200	/	/	-0.14	0.42	<=11	Pass
		5240	/	/	0.12	0.43	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-2.09	-1.10	<=11	Pass
		5230	/	/	-2.61	-1.31	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	5.28	5.26	<=11	Pass
		5200	/	/	4.21	4.29	<=11	Pass
		5240	/	/	4.44	4.66	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	0.18	0.66	<=11	Pass
		5230	/	/	-0.19	0.60	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-4.16	-3.25	<=11	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	2.21	2.84	<=11	Pass
		5200	RU242	Left	1.34	1.87	<=11	Pass
		5240	RU242	Left	1.60	2.17	<=11	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	-2.36	-1.28	<=11	Pass
		5230	RU484	Left	-2.38	-1.33	<=11	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	-0.57	-0.35	<=11	Pass

Note1: Antenna Gain: Ant1: 3.72dBi; Ant2: 3.45dBi

4.2 PSD-Band1(MIMO)

4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					MIMO	Limit	
802.11n (HT20)	SISO	5180	/	/	4.09	<=10.76	Pass
		5200	/	/	3.16	<=10.76	Pass
		5240	/	/	3.29	<=10.76	Pass
802.11n (HT40)	SISO	5190	/	/	1.44	<=10.76	Pass
		5230	/	/	1.10	<=10.76	Pass
802.11ac (VHT20)	SISO	5180	/	/	8.28	<=10.76	Pass
		5200	/	/	7.26	<=10.76	Pass
		5240	/	/	7.56	<=10.76	Pass
802.11ac (VHT40)	SISO	5190	/	/	3.44	<=10.76	Pass
		5230	/	/	3.23	<=10.76	Pass
802.11ac (VHT80)	SISO	5210	/	/	-0.67	<=10.76	Pass
802.11ax (HEW20)	SISO	5180	RU242	Left	5.55	<=10.76	Pass
		5200	RU242	Left	4.62	<=10.76	Pass
		5240	RU242	Left	4.90	<=10.76	Pass
802.11ax (HEW40)	SISO	5190	RU484	Left	1.22	<=10.76	Pass
		5230	RU484	Left	1.19	<=10.76	Pass
802.11ax (HEW80)	SISO	5210	RU996	Left	2.55	<=10.76	Pass
Note1: Antenna Gain: Ant1: 3.72dBi; Ant2: 3.45dBi, Correlated antenna gain=6.24dBi. Limit= 11-(6.24-6)=11-0.24=10.76							

4.3 PSD-Band3

4.3.1 Test Result

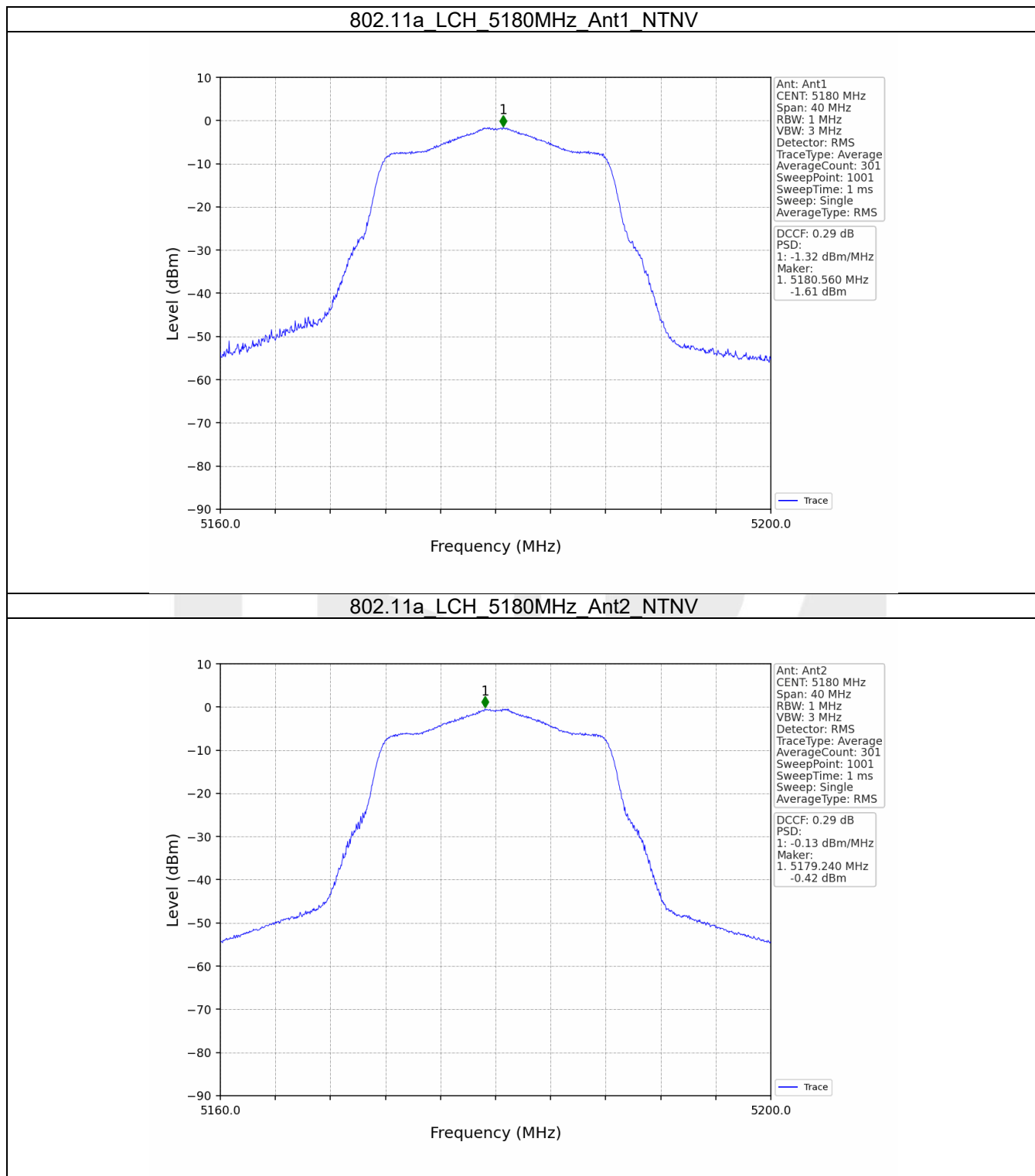
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)			Verdict
					ANT1	ANT2	Limit	
802.11a	SISO	5745	/	/	0.19	0.08	<=30	Pass
		5785	/	/	0.35	0.74	<=30	Pass
		5825	/	/	0.13	0.50	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	0.55	-0.79	<=30	Pass
		5785	/	/	1.08	-0.52	<=30	Pass
		5825	/	/	0.35	-0.66	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-0.24	-0.68	<=30	Pass
		5795	/	/	-0.10	0.06	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-0.04	0.20	<=30	Pass
		5785	/	/	0.31	0.21	<=30	Pass
		5825	/	/	-0.05	0.27	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	1.01	1.00	<=30	Pass
		5795	/	/	1.55	1.05	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-2.56	-2.30	<=30	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	2.78	2.48	<=30	Pass
		5785	RU242	Left	3.61	2.48	<=30	Pass
		5825	RU242	Left	2.79	2.38	<=30	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	0.01	-0.96	<=30	Pass
		5795	RU484	Left	-0.35	-0.27	<=30	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	1.60	1.11	<=30	Pass
Note1: Antenna Gain: Ant1: 3.45dBi; Ant2: 3.00dBi								

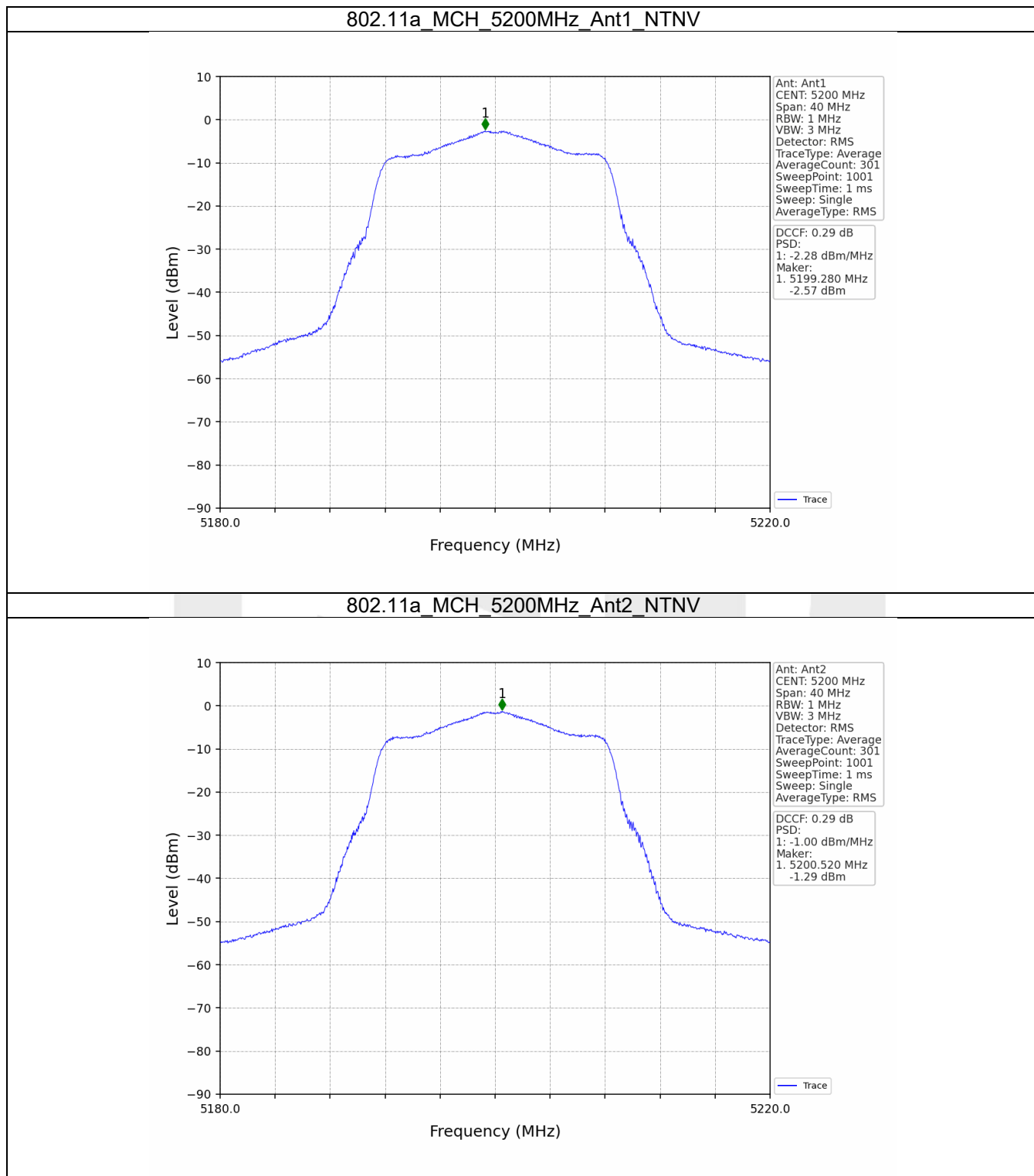
4.3 PSD-Band3(MIMO)

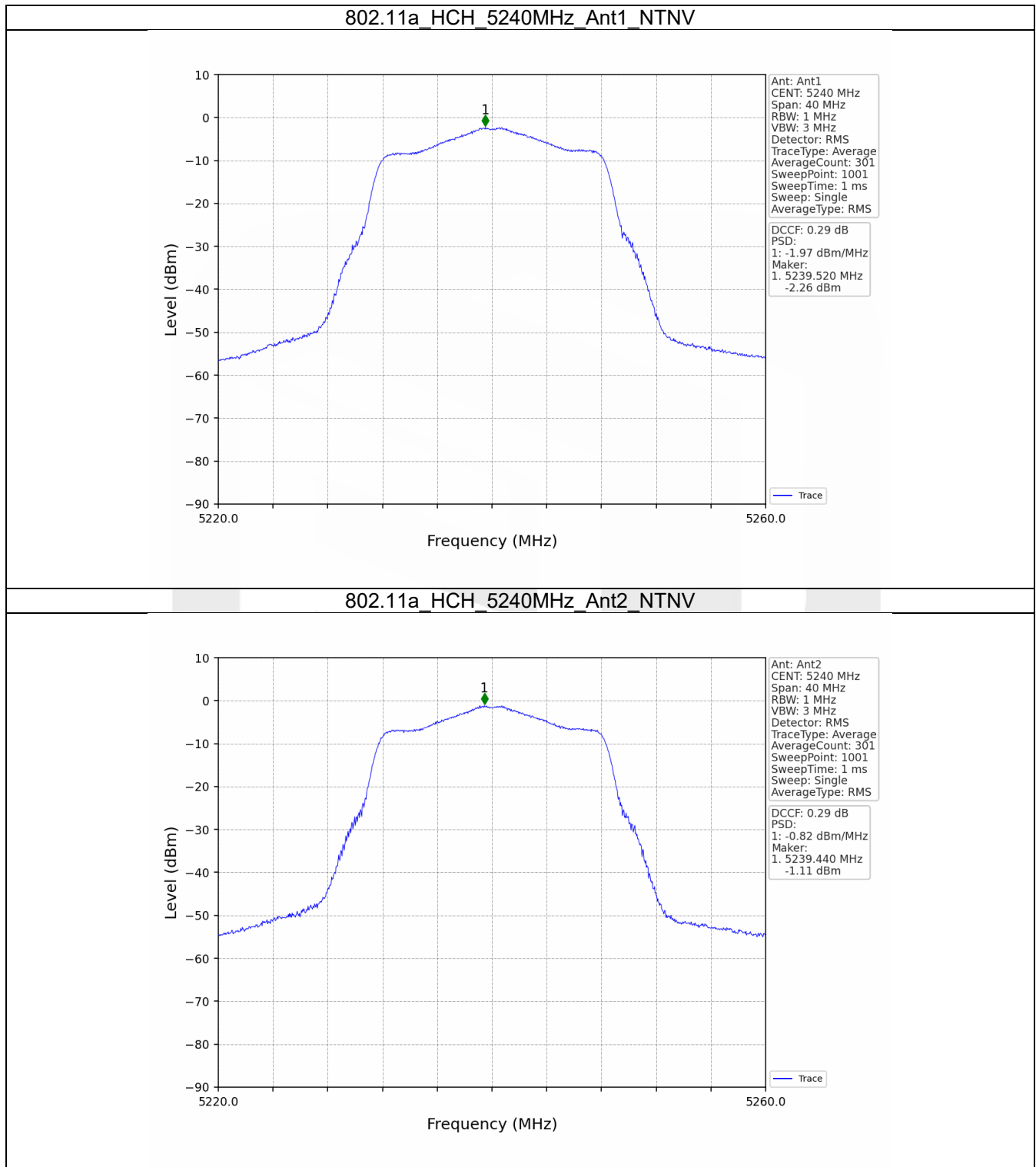
4.3.1 Test Result

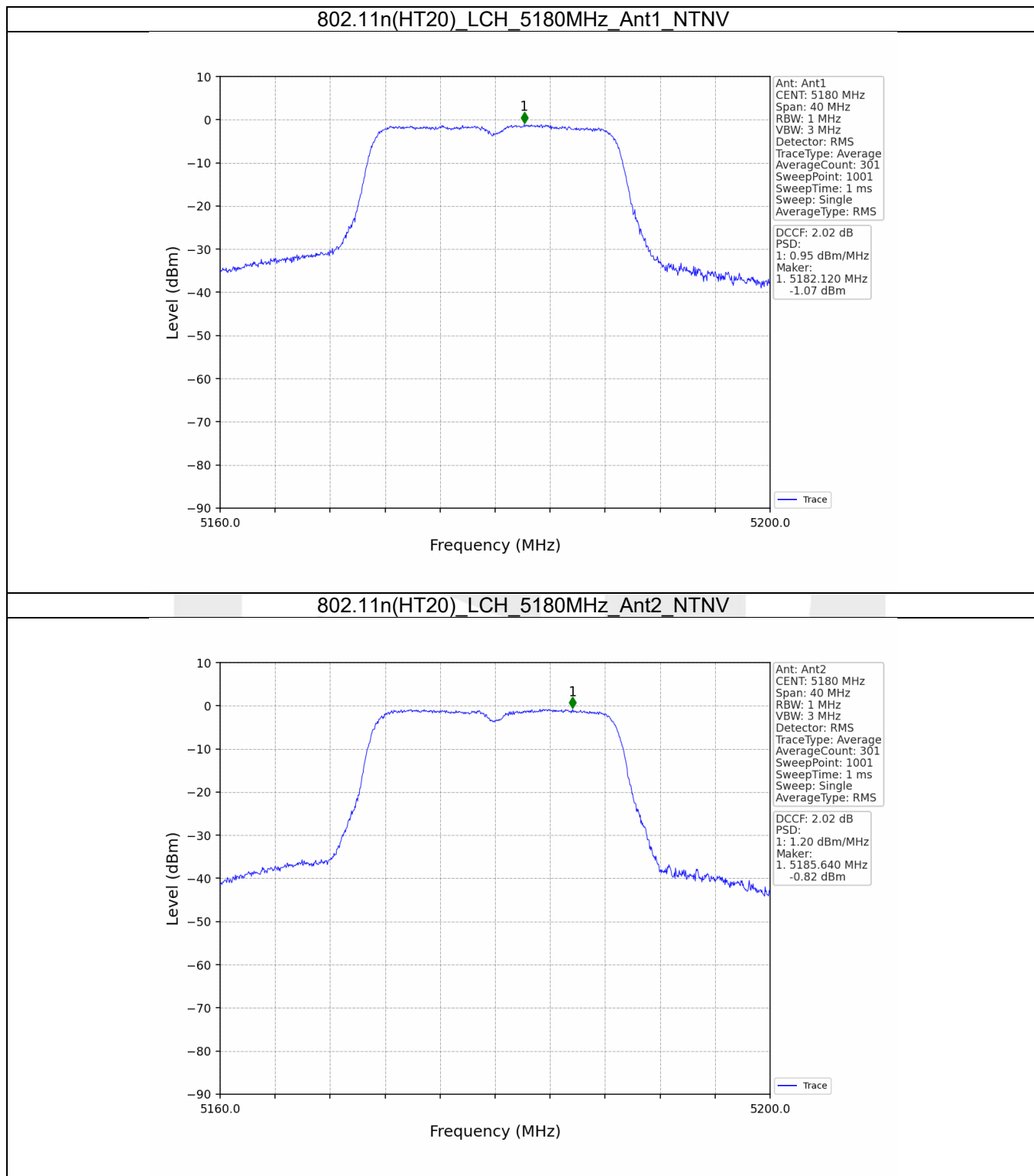
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					MIMO	Limit	
802.11n (HT20)	SISO	5745	/	/	2.94	<=29.99	Pass
		5785	/	/	3.36	<=29.99	Pass
		5825	/	/	2.88	<=29.99	Pass
802.11n (HT40)	SISO	5755	/	/	2.56	<=29.99	Pass
		5795	/	/	2.99	<=29.99	Pass
802.11ac (VHT20)	SISO	5745	/	/	3.09	<=29.99	Pass
		5785	/	/	3.27	<=29.99	Pass
		5825	/	/	3.12	<=29.99	Pass
802.11ac (VHT40)	SISO	5755	/	/	4.02	<=29.99	Pass
		5795	/	/	4.32	<=29.99	Pass
802.11ac (VHT80)	SISO	5775	/	/	0.58	<=29.99	Pass
802.11ax (HEW20)	SISO	5745	RU242	Left	5.64	<=29.99	Pass
		5785	RU242	Left	6.09	<=29.99	Pass
		5825	RU242	Left	5.60	<=29.99	Pass
802.11ax (HEW40)	SISO	5755	RU484	Left	2.56	<=29.99	Pass
		5795	RU484	Left	2.70	<=29.99	Pass
802.11ax (HEW80)	SISO	5775	RU996	Left	4.37	<=29.99	Pass
Note1: Antenna Gain: Ant1: 3.45dBi; Ant2: 3.00dBi, Correlated antenna gain=6.01dBi. Limit= 30-(6.01-6)=30-0.01=29.99							

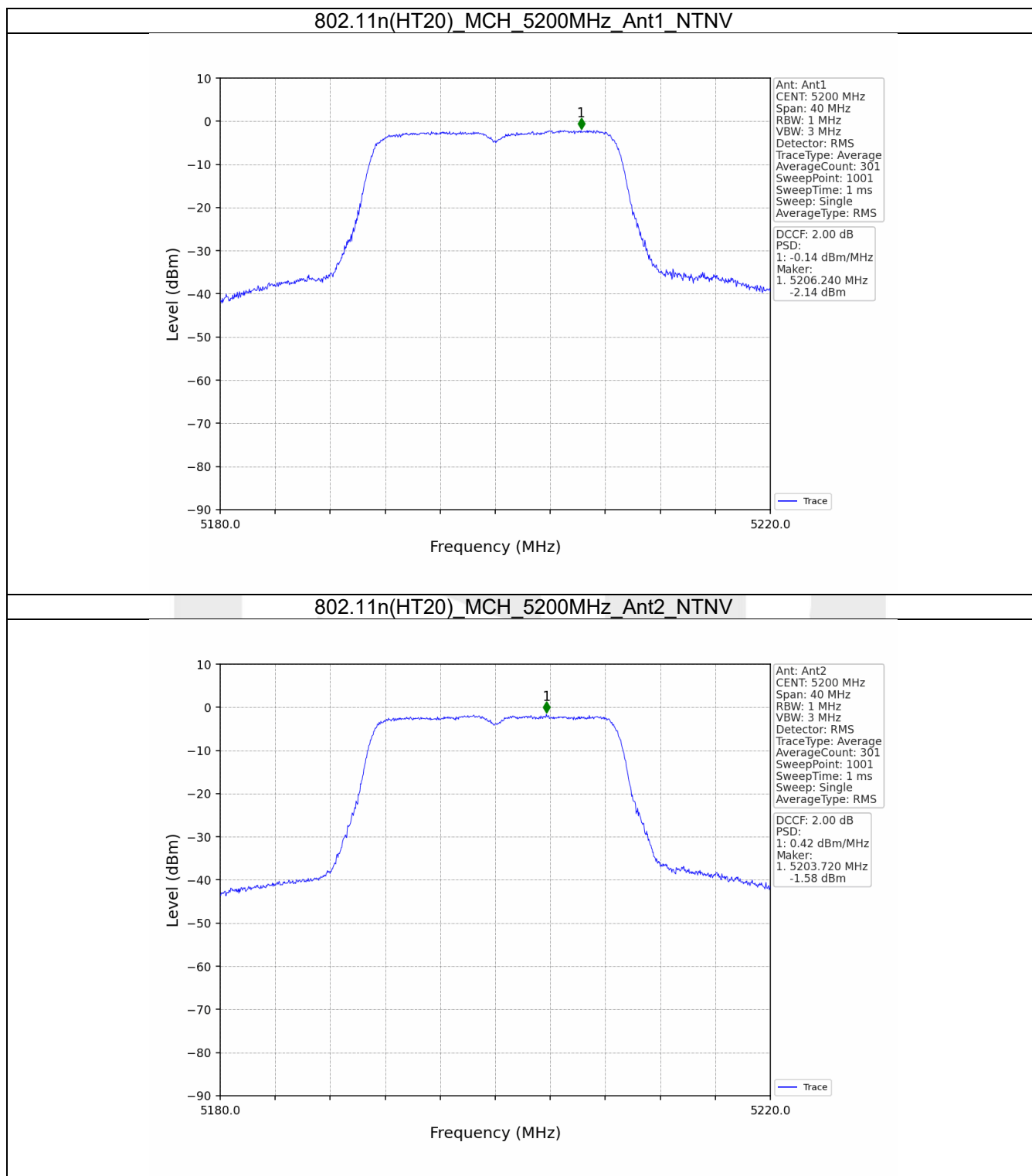
4.1.2 Test Graph

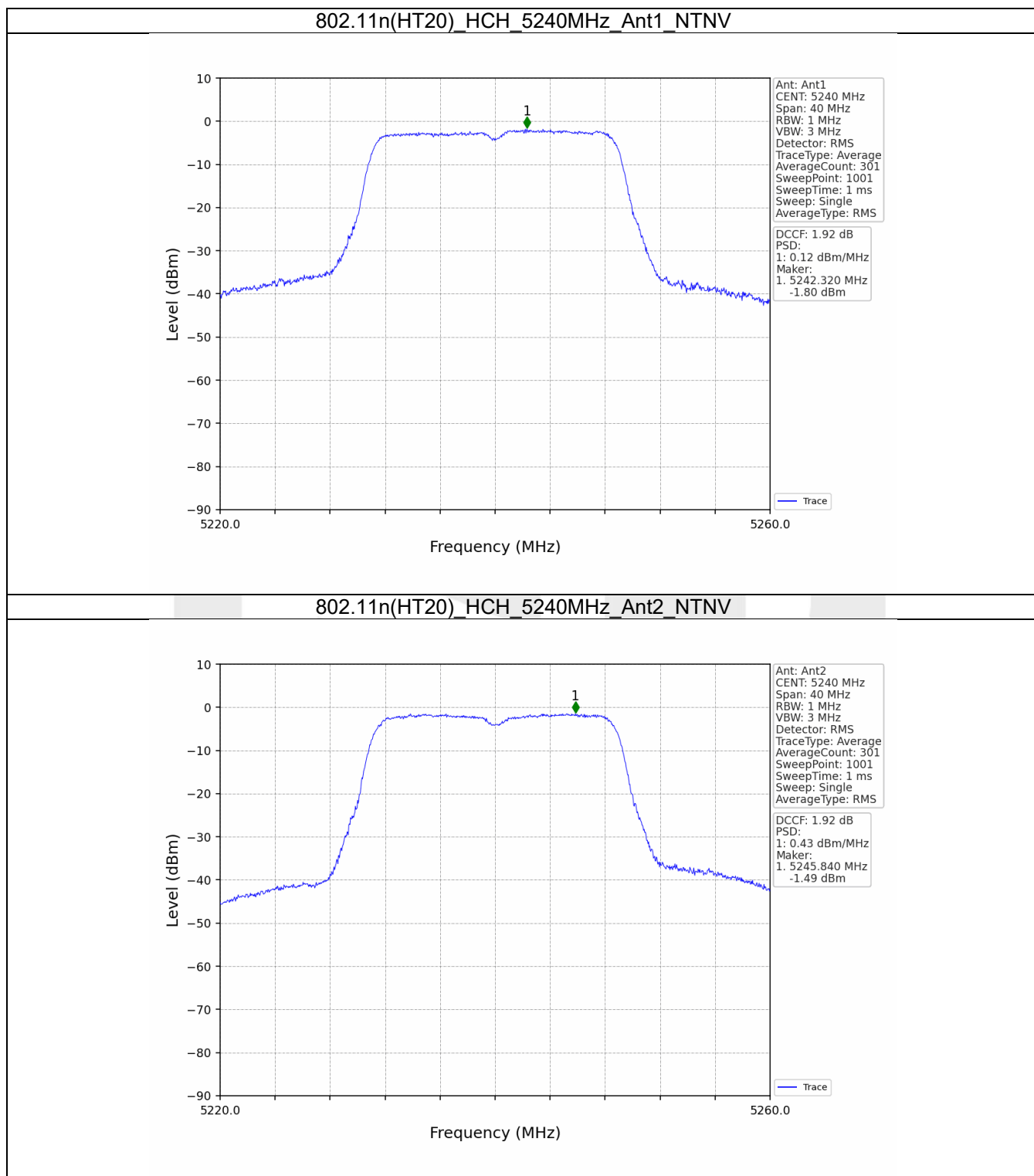


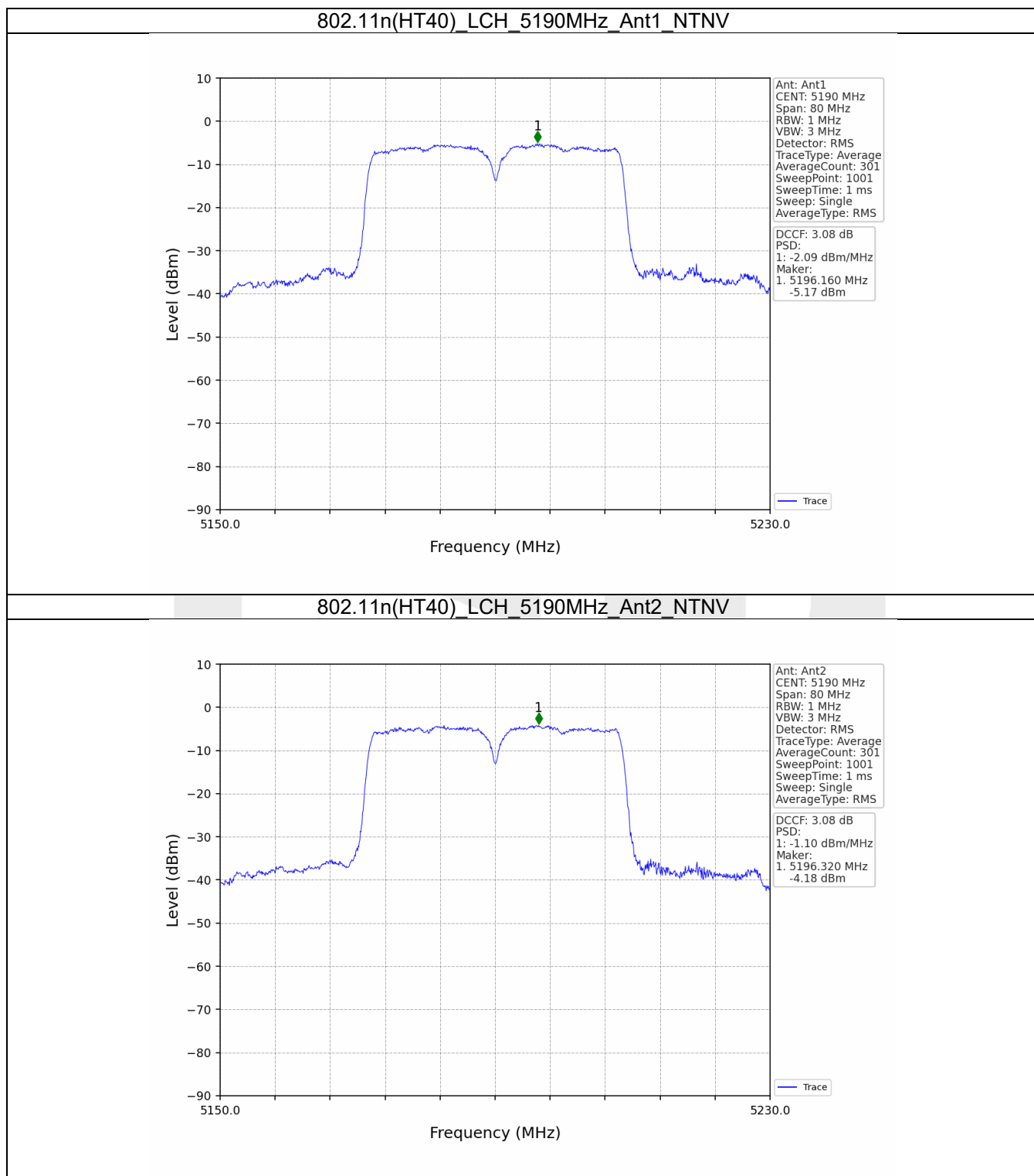


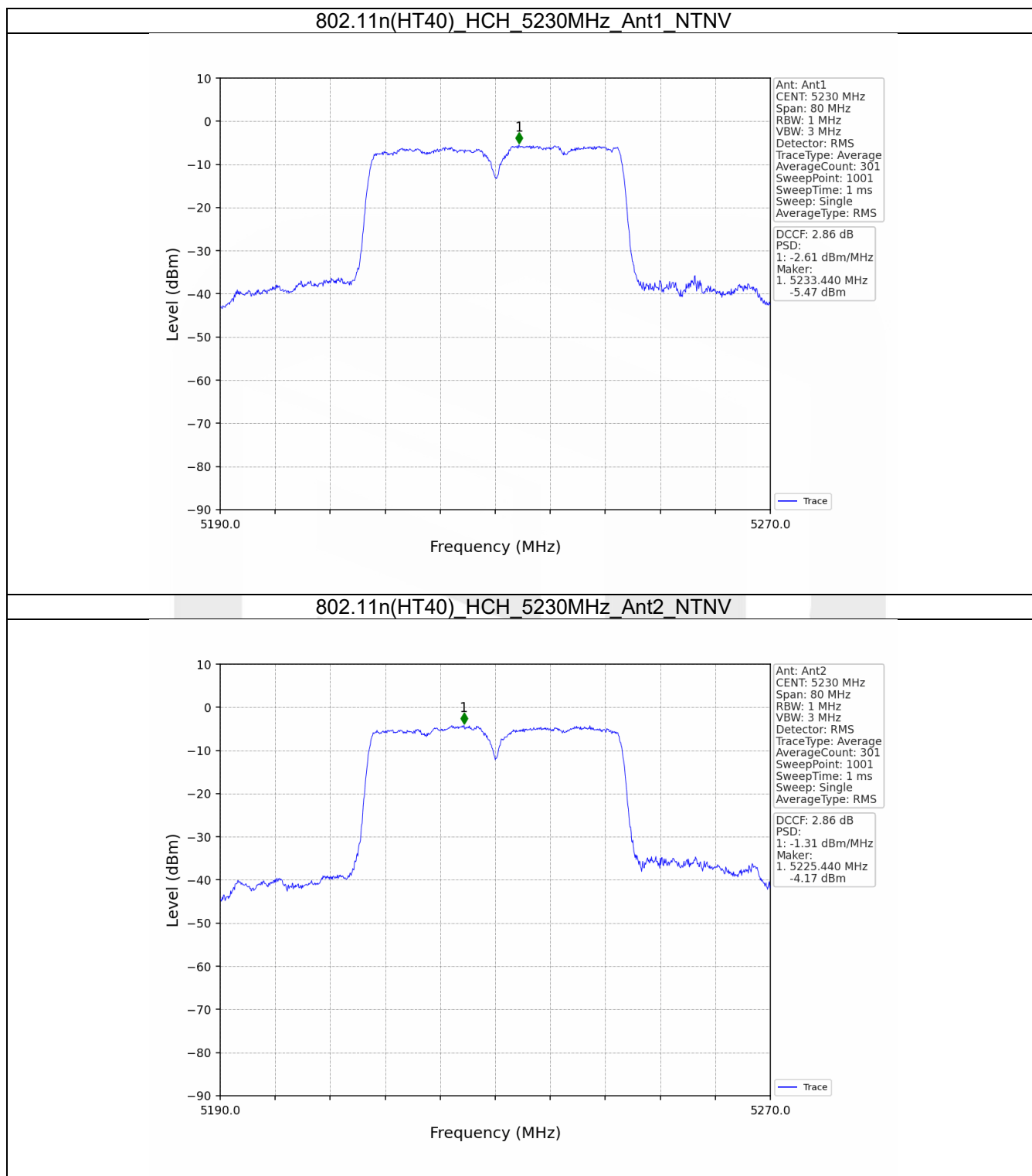


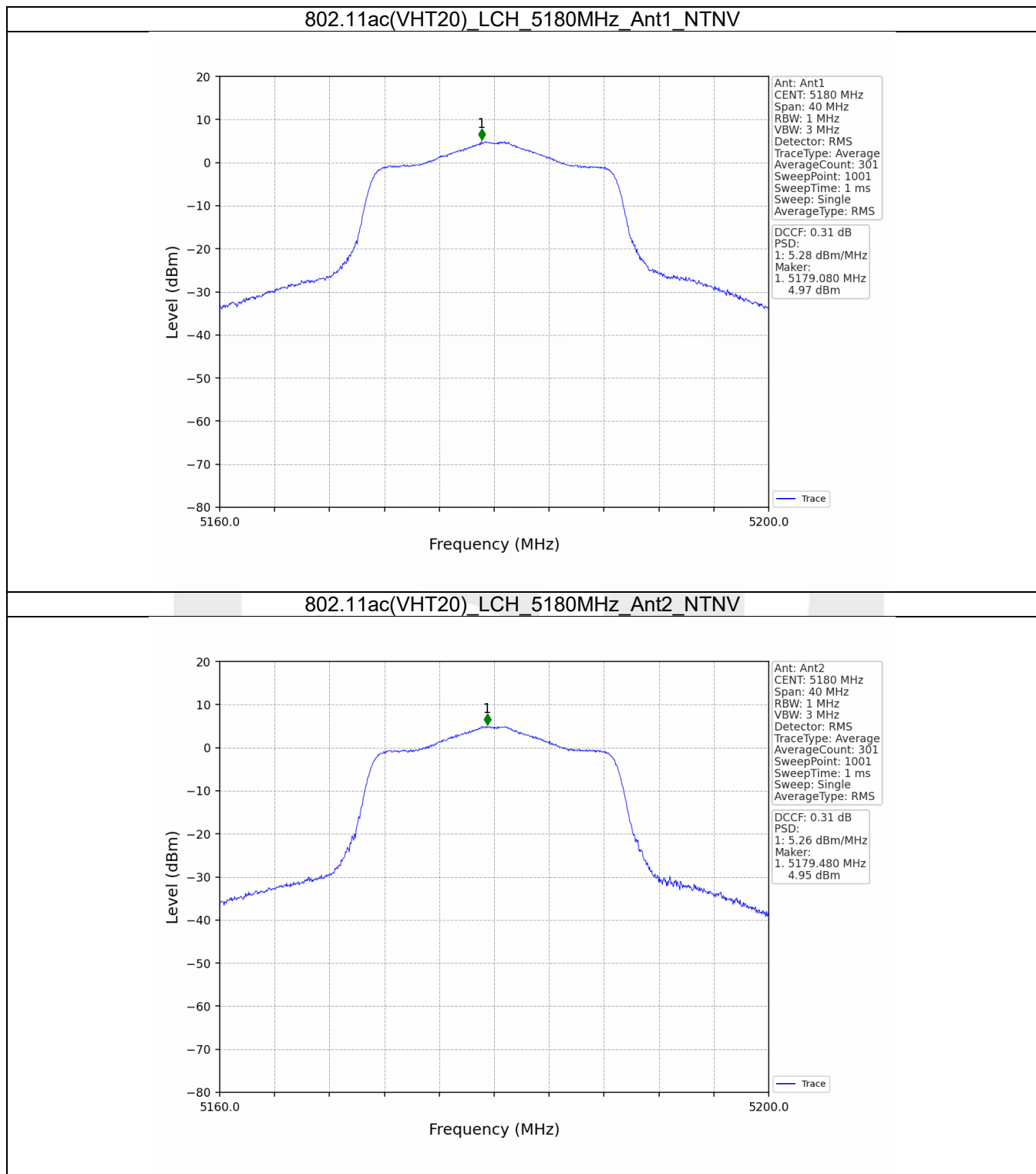


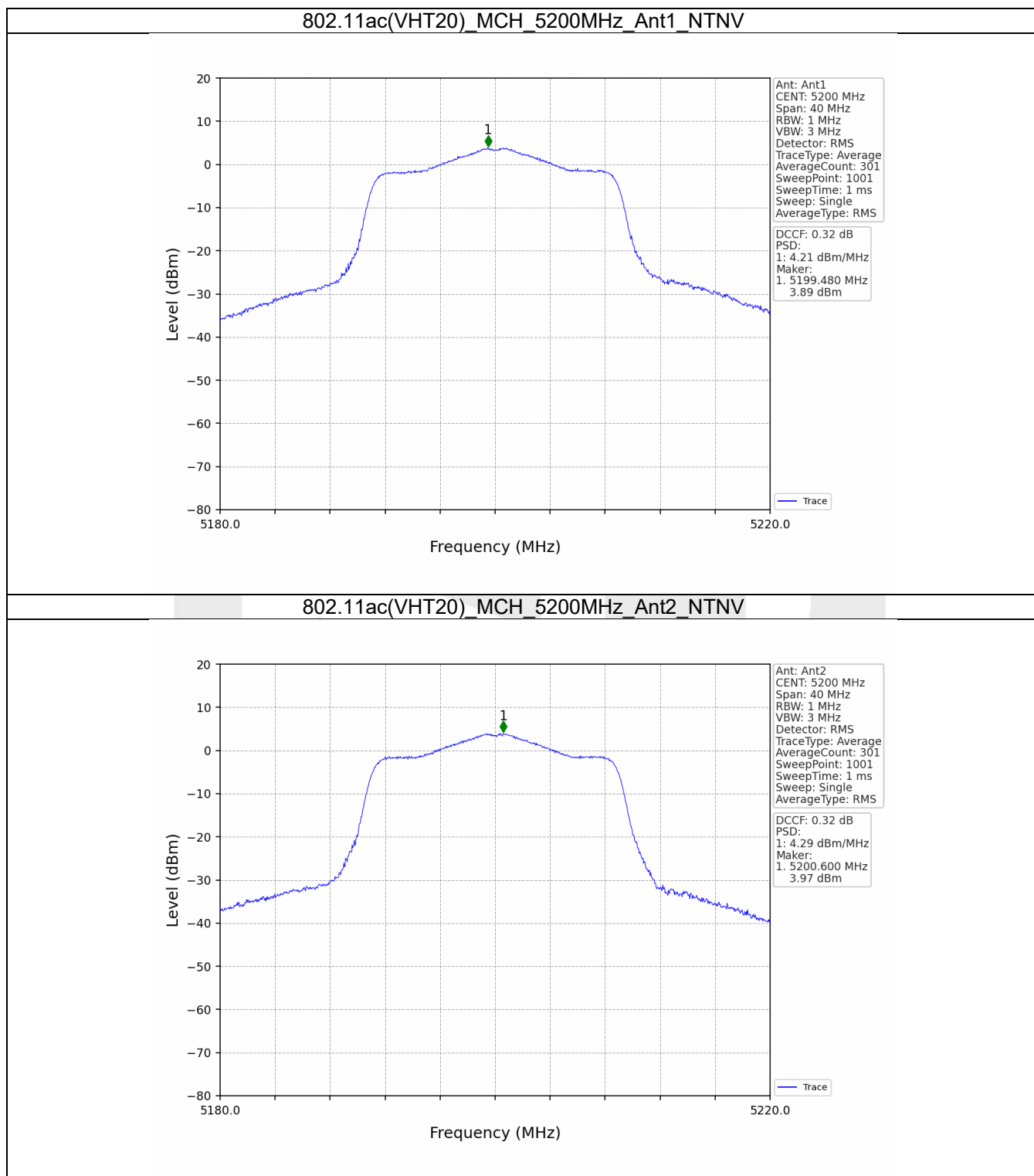


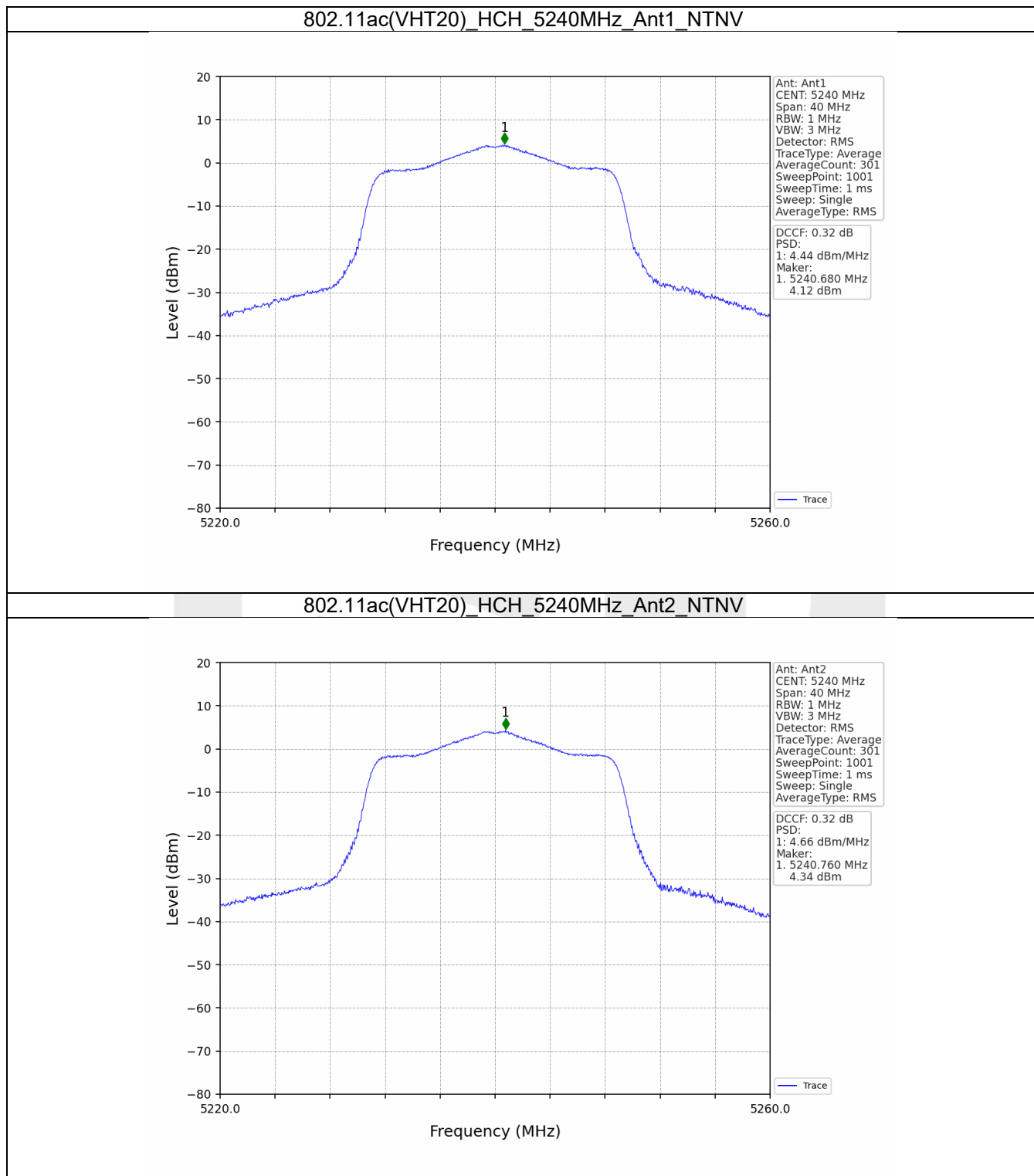


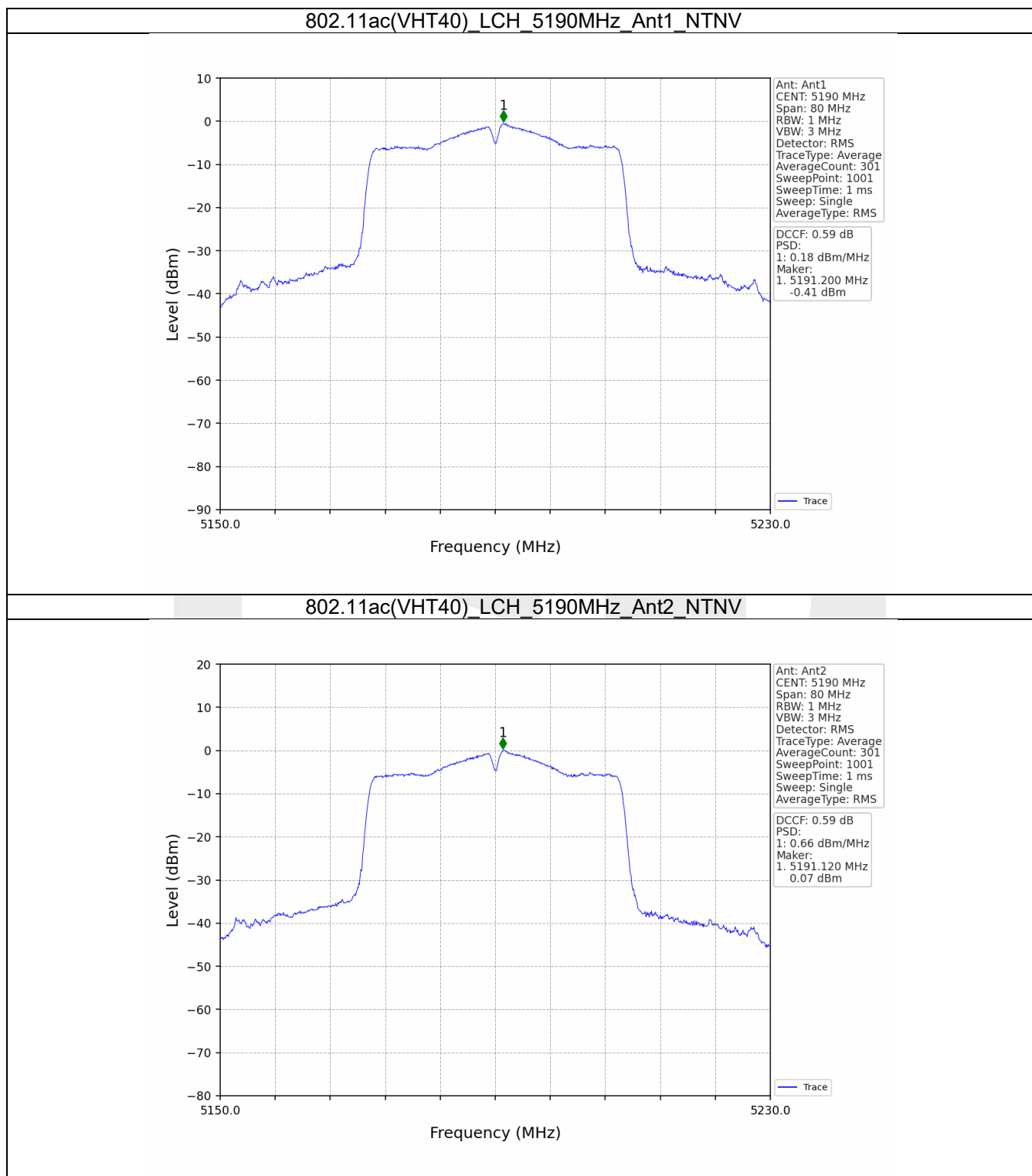


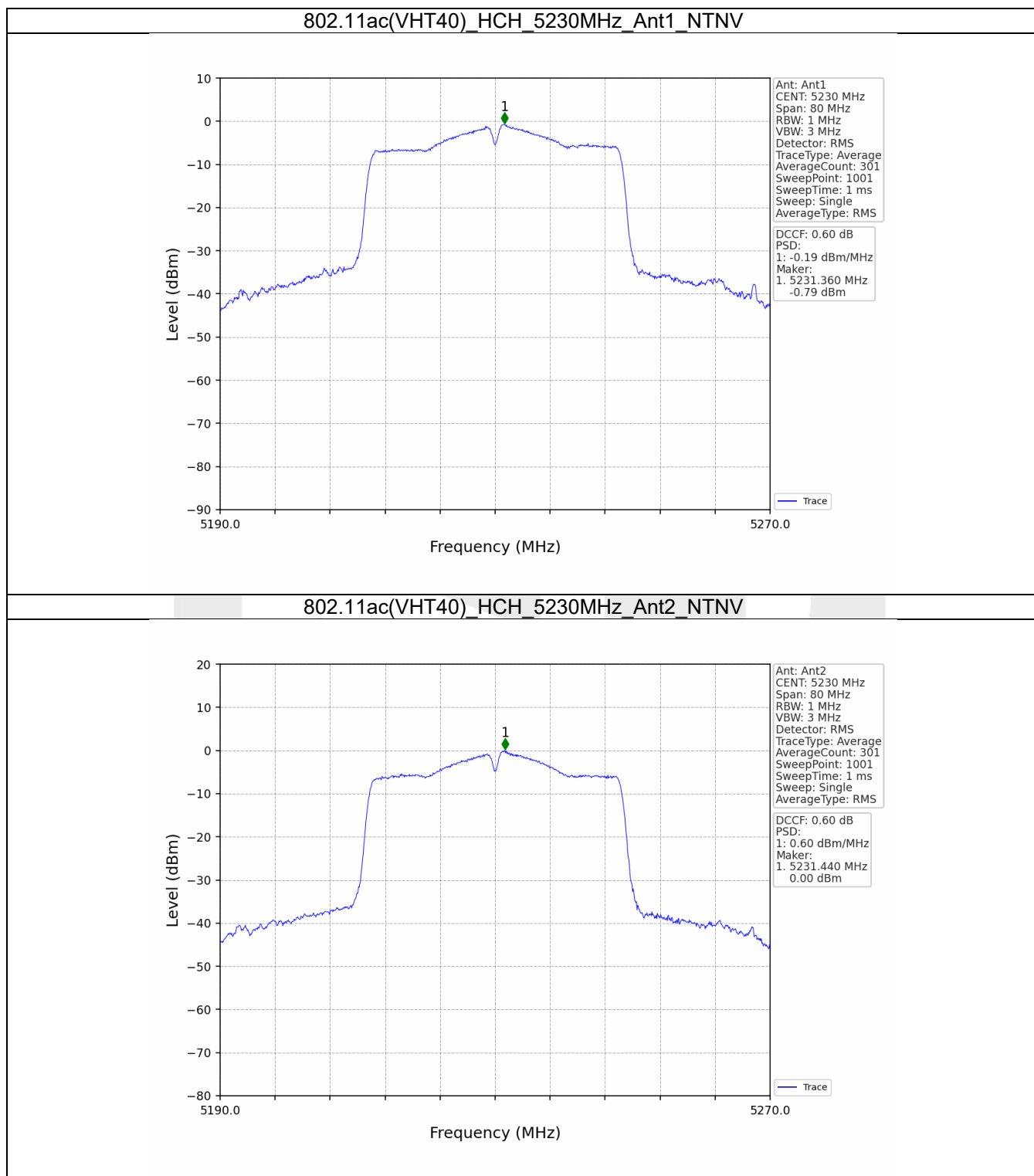


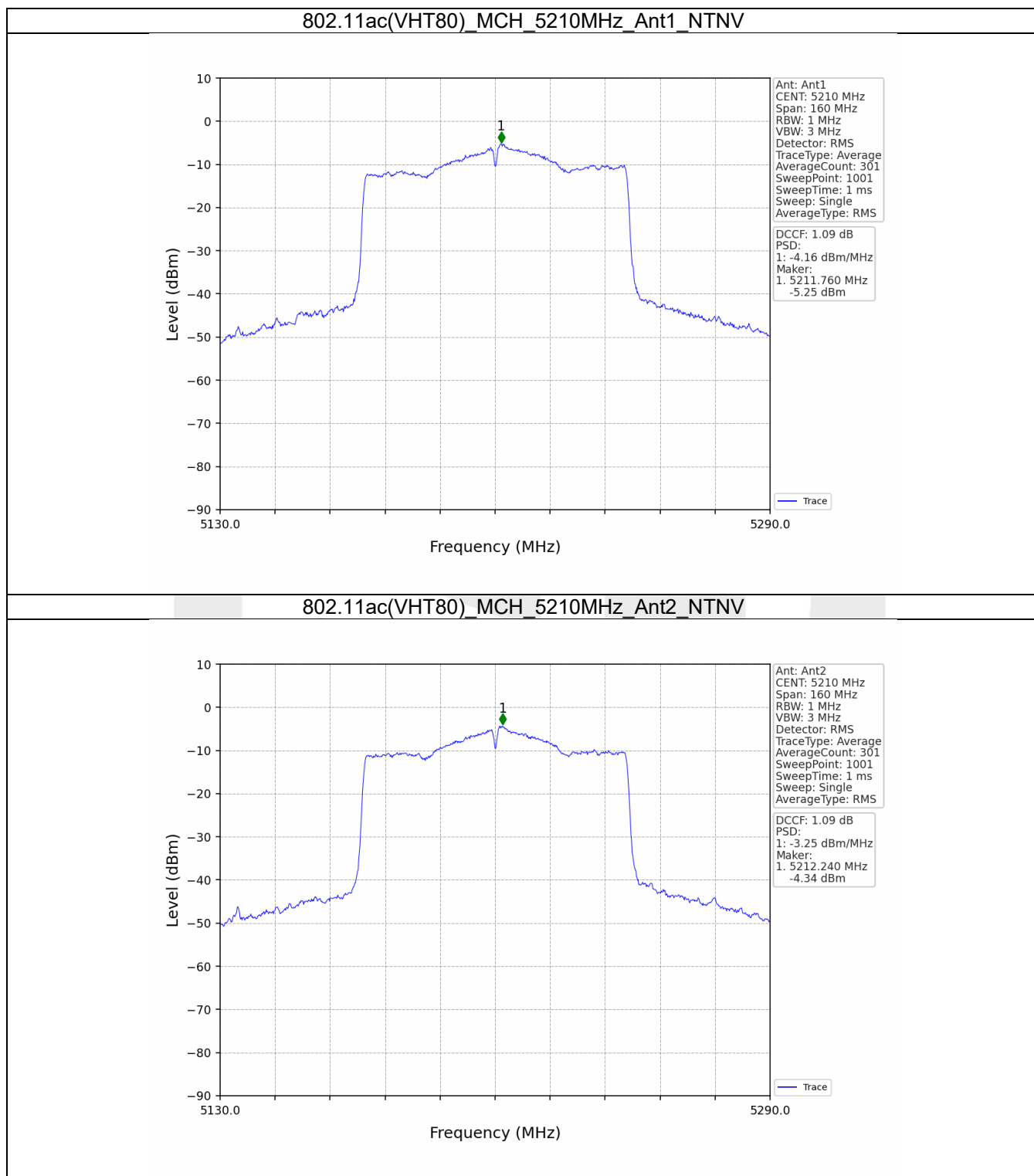


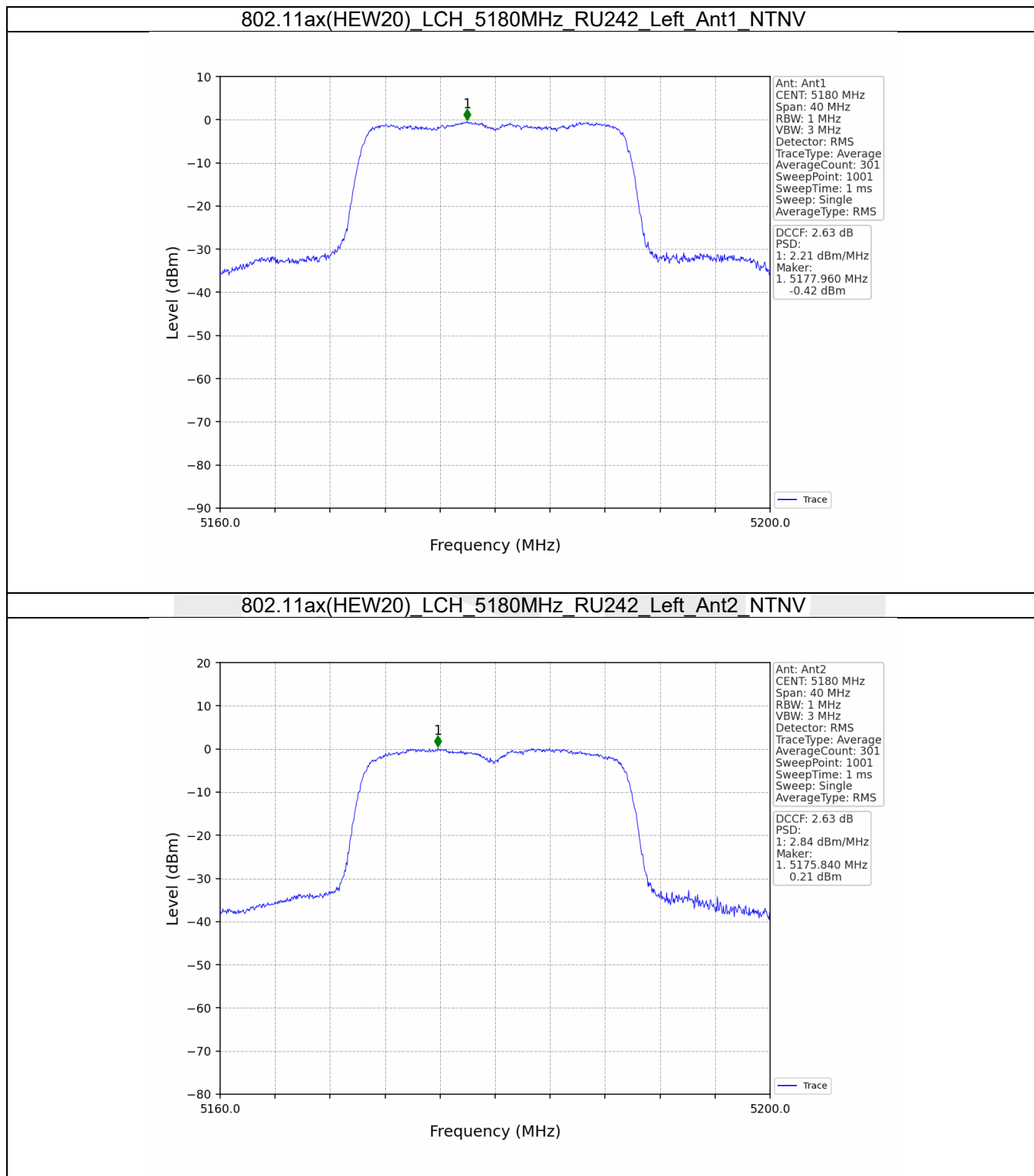


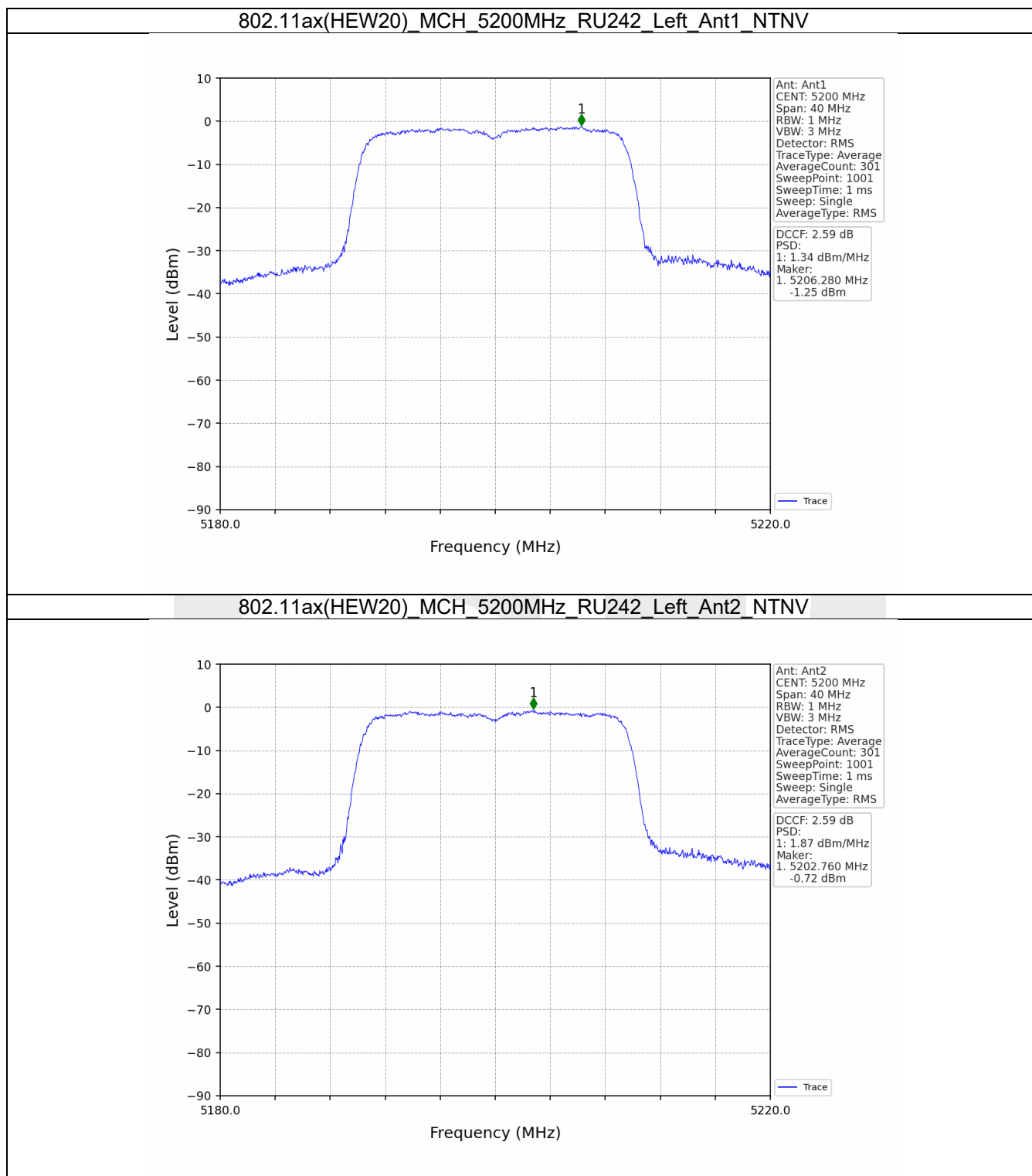


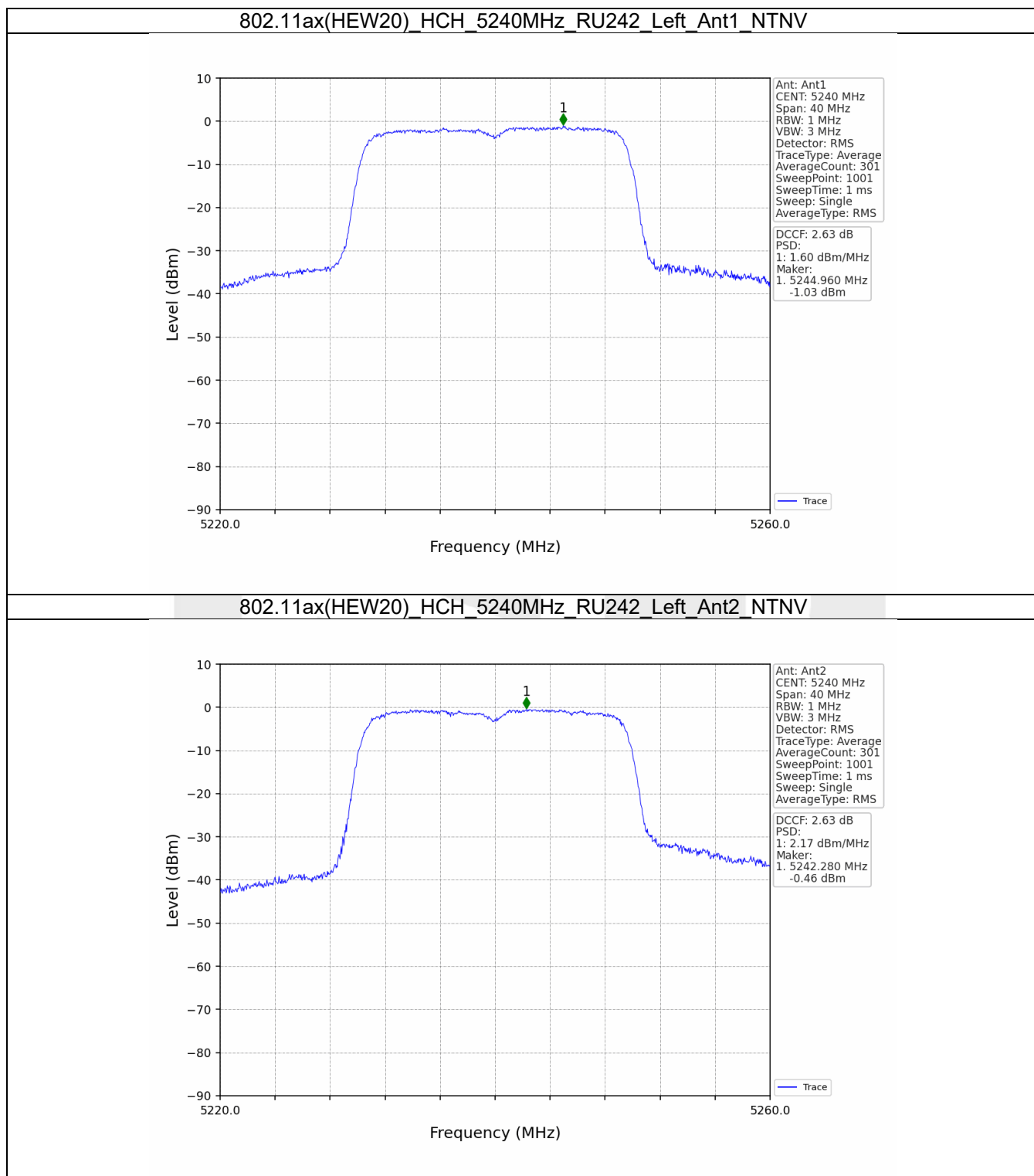




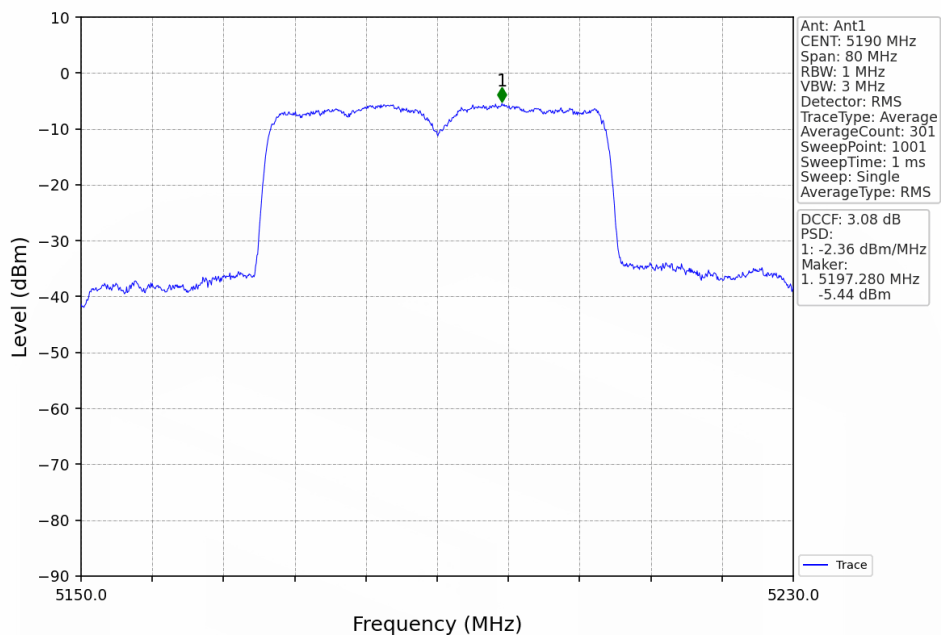




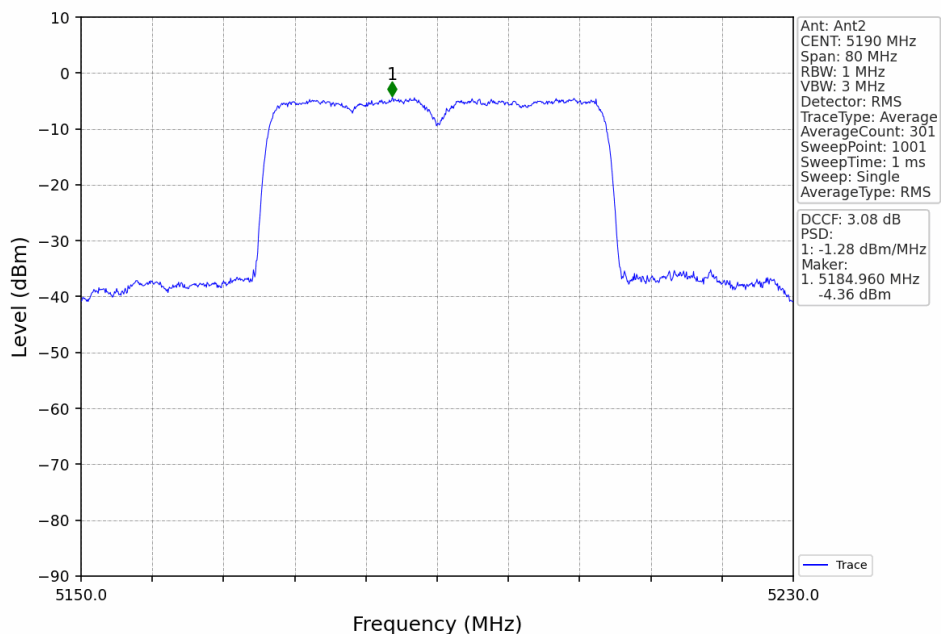


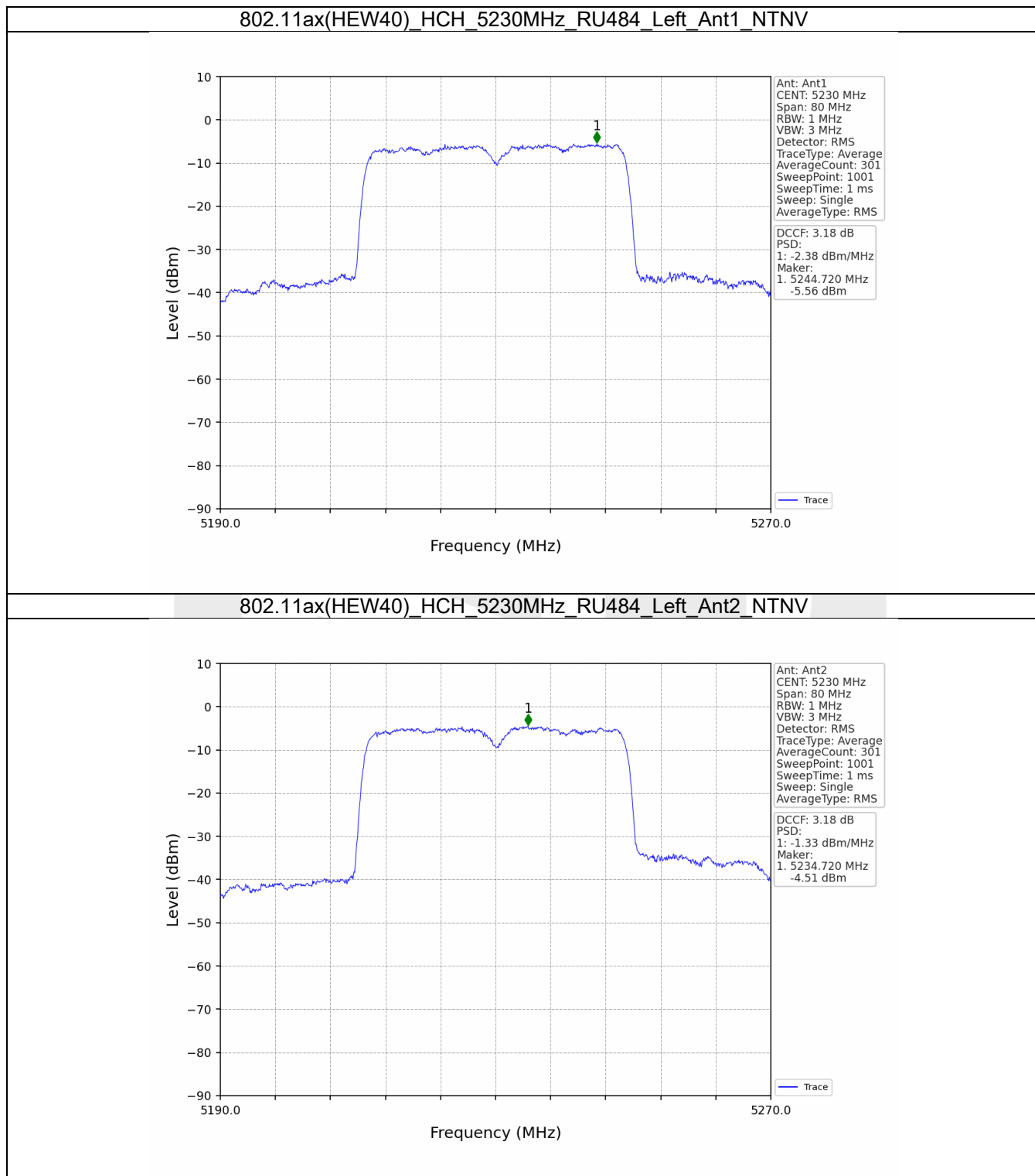


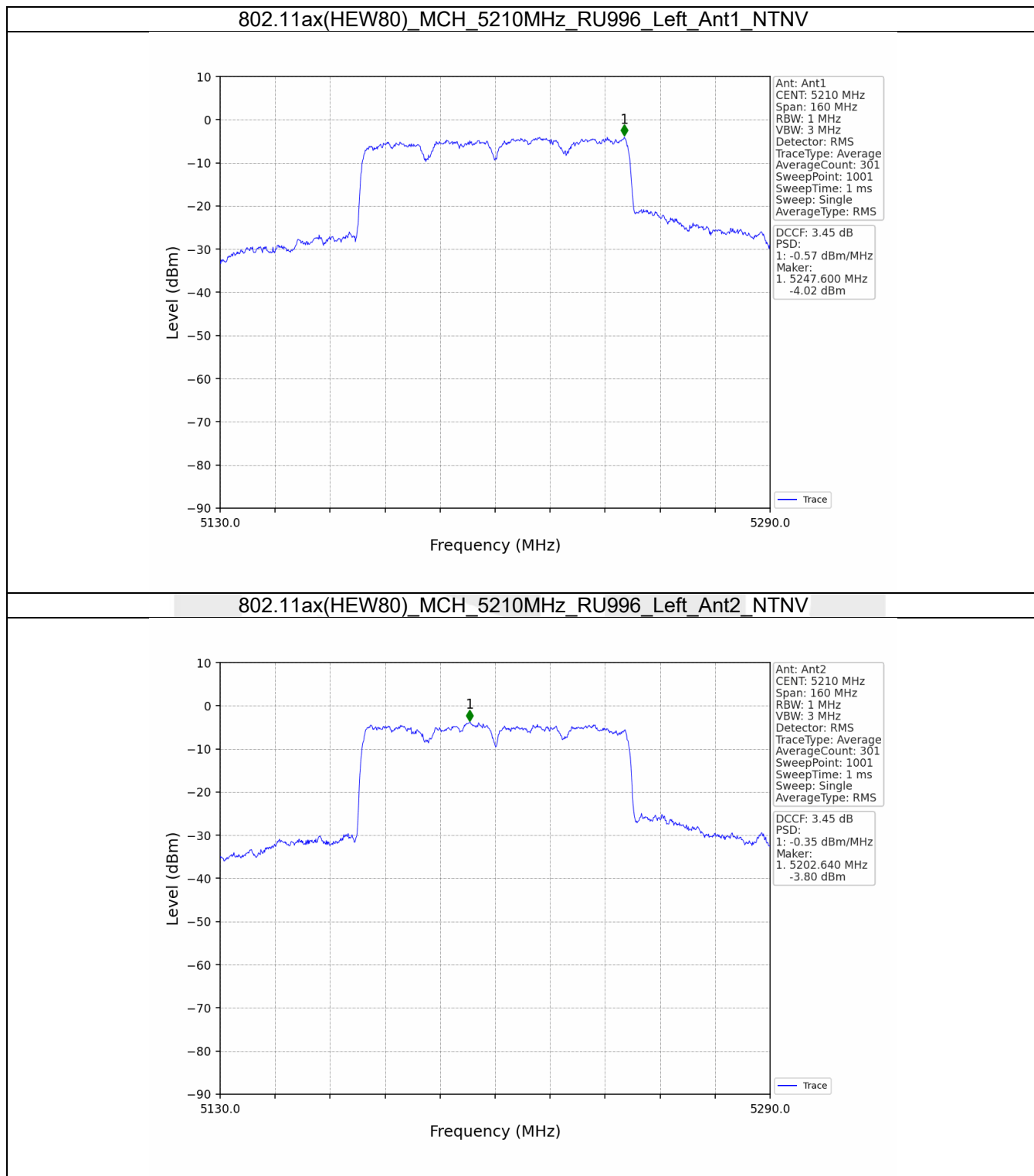
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant2_NTNV







4.2.2 Test Graph

