

3. Maximum Conducted Output Power

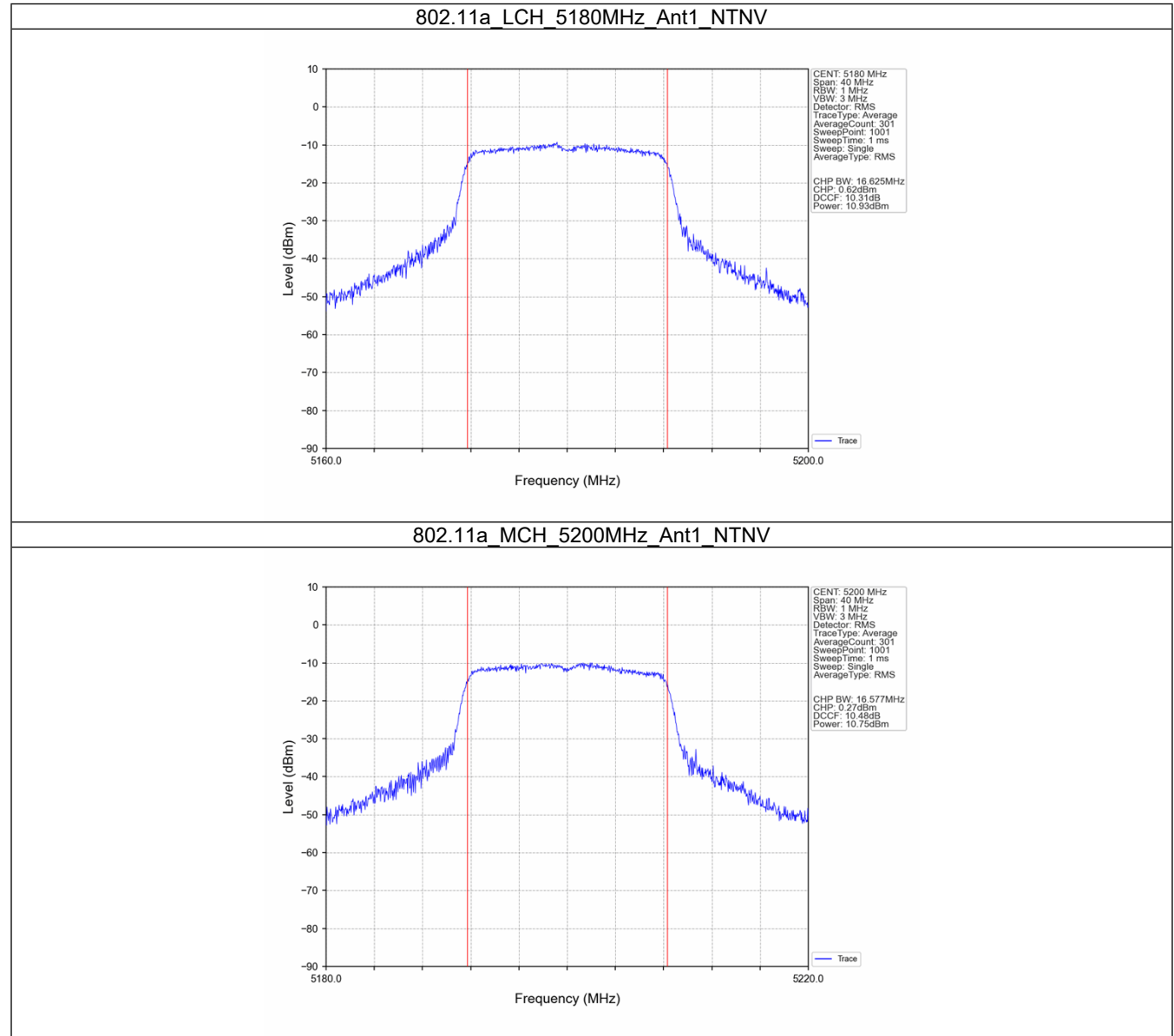
3.1 Test Result

3.1.1 Power

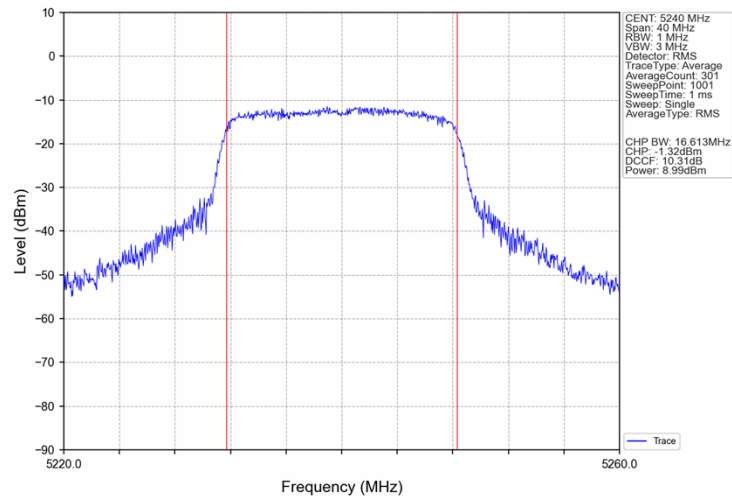
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	10.93	<=23.98	Pass
		5200	/	/	10.75	<=23.98	Pass
		5240	/	/	8.99	<=23.98	Pass
		5745	/	/	11.39	<=30	Pass
		5785	/	/	8.61	<=30	Pass
		5825	/	/	8.56	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	10.89	<=23.98	Pass
		5200	/	/	10.17	<=23.98	Pass
		5240	/	/	8.78	<=23.98	Pass
		5745	/	/	11.22	<=30	Pass
		5785	/	/	9.99	<=30	Pass
		5825	/	/	9.19	<=30	Pass
802.11n (HT40)	SISO	5190	/	/	8.87	<=23.98	Pass
		5230	/	/	7.89	<=23.98	Pass
		5755	/	/	10.24	<=30	Pass
		5795	/	/	11.03	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	9.26	<=23.98	Pass
		5200	/	/	10.40	<=23.98	Pass
		5240	/	/	9.94	<=23.98	Pass
		5745	/	/	10.32	<=30	Pass
		5785	/	/	8.99	<=30	Pass
		5825	/	/	7.74	<=30	Pass
802.11ac (VHT40)	SISO	5190	/	/	10.57	<=23.98	Pass
		5230	/	/	9.32	<=23.98	Pass
		5755	/	/	10.86	<=30	Pass
		5795	/	/	9.72	<=30	Pass
802.11ax (HEW20)	SISO	5180	SU	/	11.03	<=23.98	Pass
		5200	SU	/	10.32	<=23.98	Pass
		5240	SU	/	9.96	<=23.98	Pass
		5745	SU	/	10.91	<=30	Pass
		5785	SU	/	10.25	<=30	Pass
		5825	SU	/	8.73	<=30	Pass
802.11ax (HEW40)	SISO	5190	SU	/	10.70	<=23.98	Pass
		5230	SU	/	9.85	<=23.98	Pass
		5755	SU	/	10.44	<=30	Pass
		5795	SU	/	9.30	<=30	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 3.58dBi; - Band: 3 Ant1: 5.45dBi;							

3.2 Test Graph

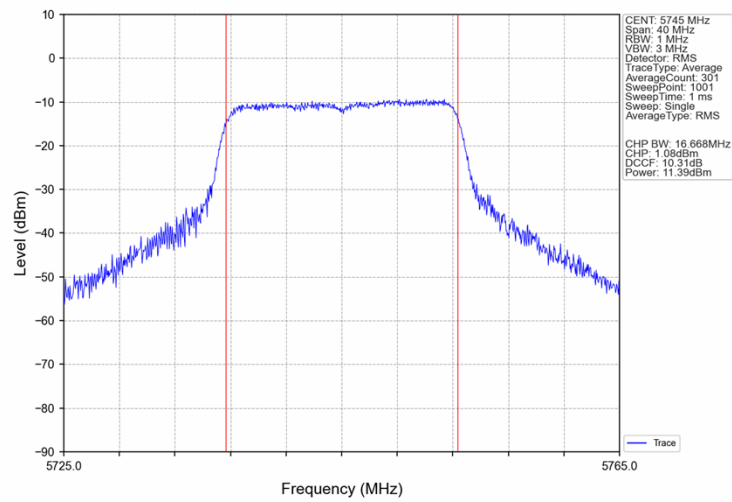
3.2.1 Power



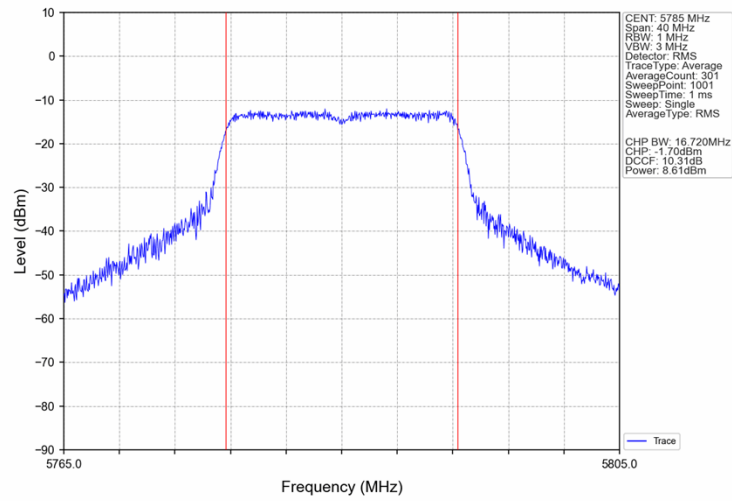
802.11a_HCH_5240MHz_Ant1_NTNV



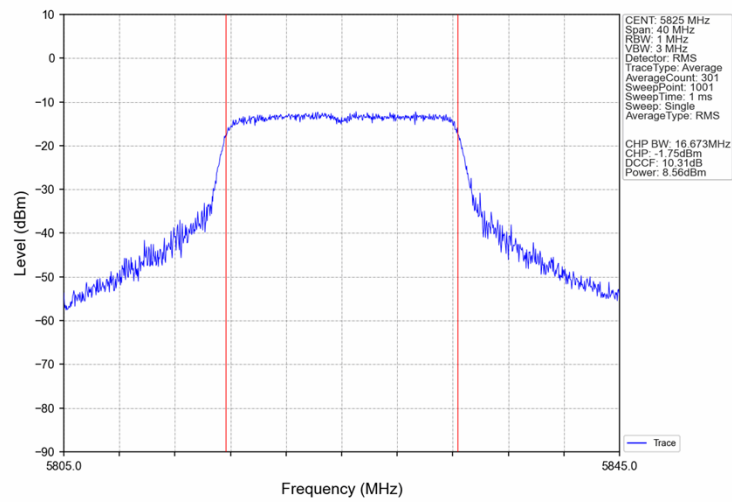
802.11a_LCH_5745MHz_Ant1_NTNV



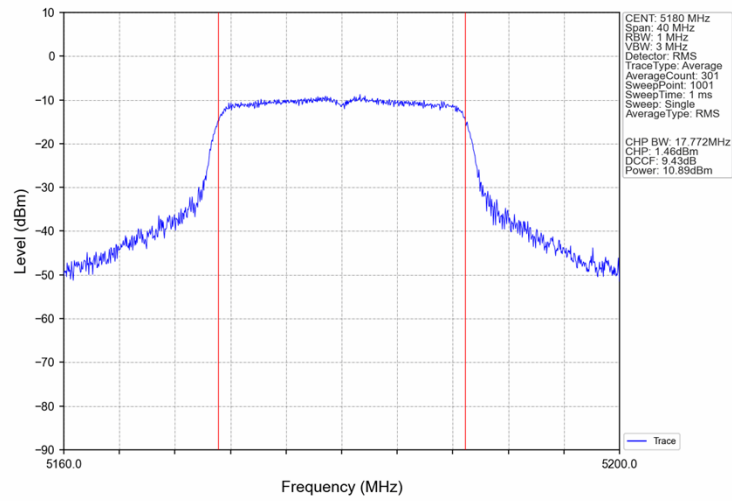
802.11a_MCH_5785MHz_Ant1_NTNV



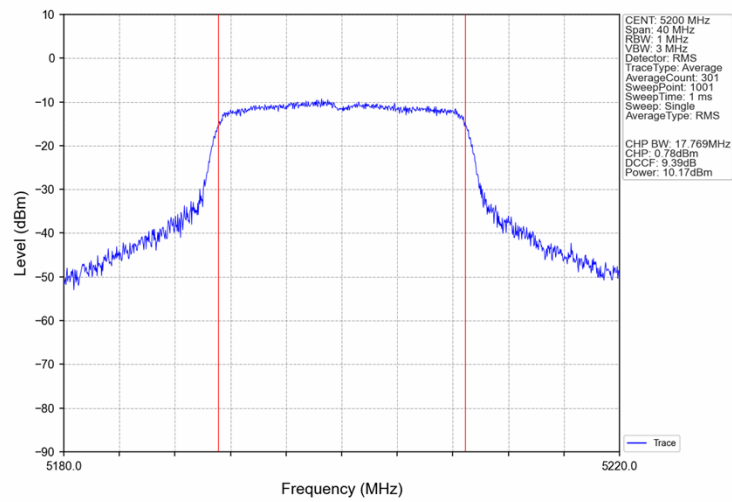
802.11a_HCH_5825MHz_Ant1_NTNV



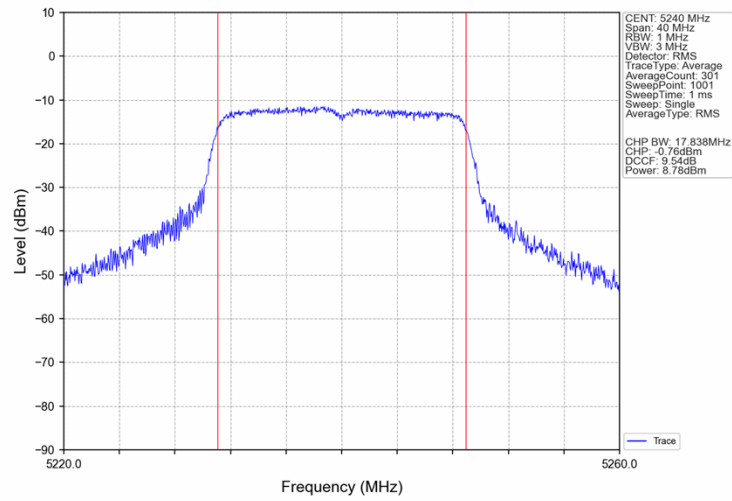
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



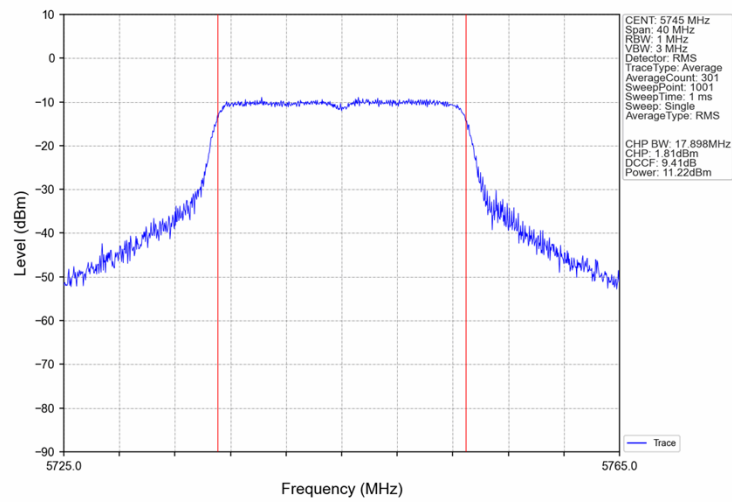
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



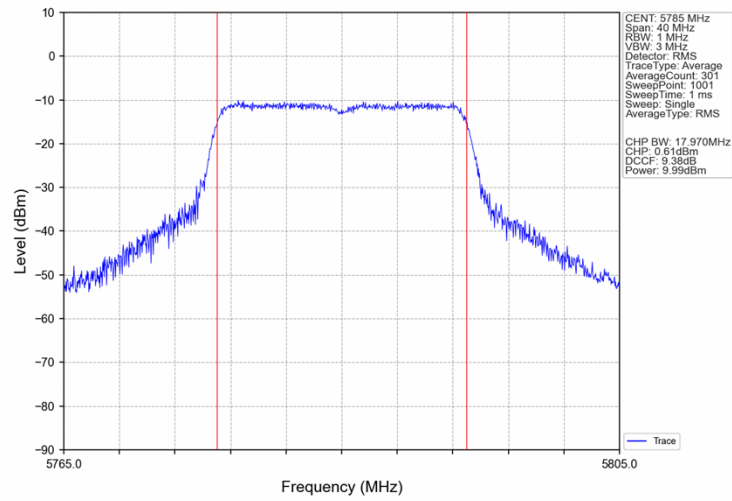
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



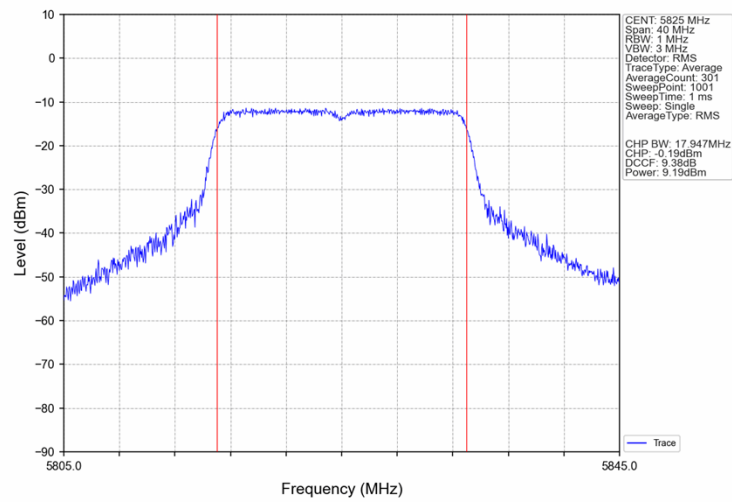
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



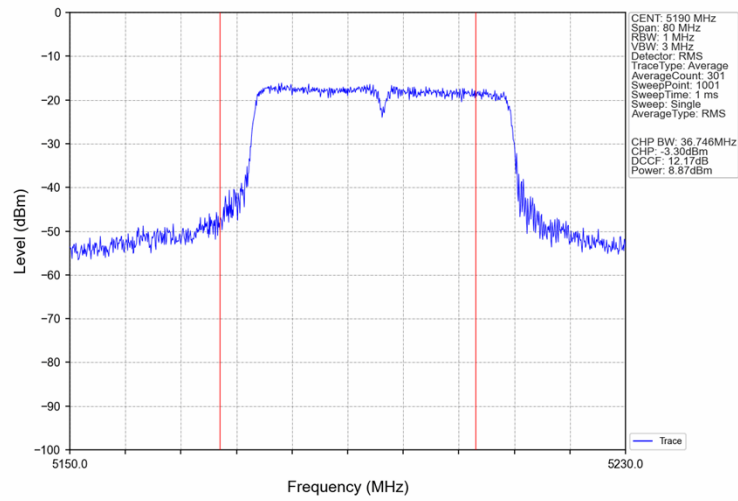
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



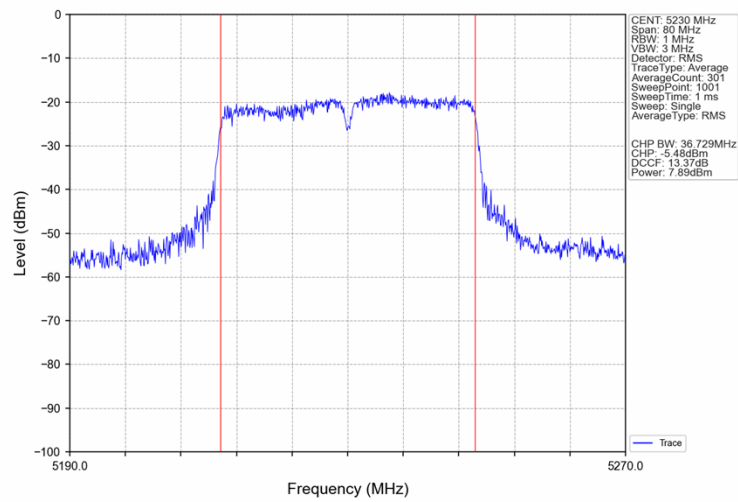
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



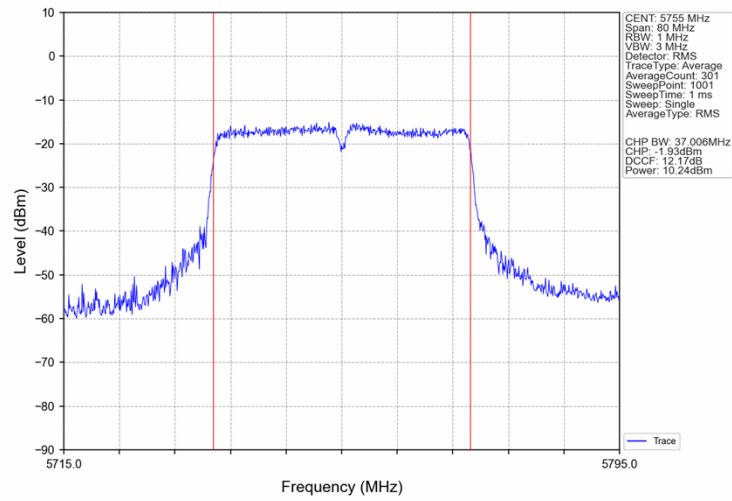
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



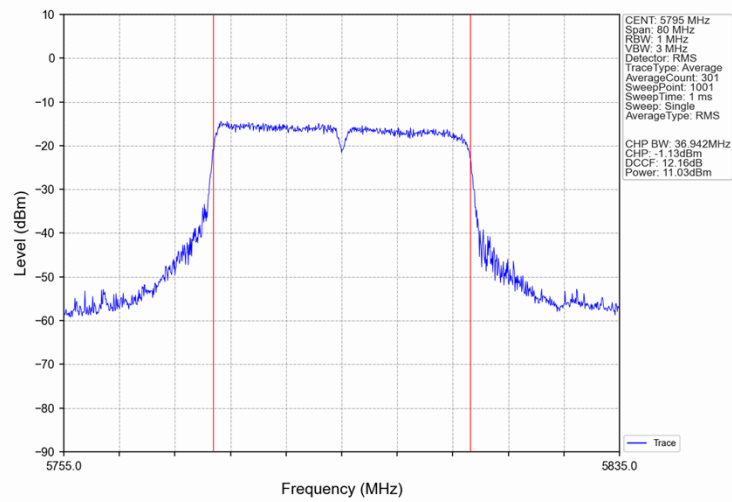
802.11n(HT40) HCH_5230MHz_Ant1_NTNV



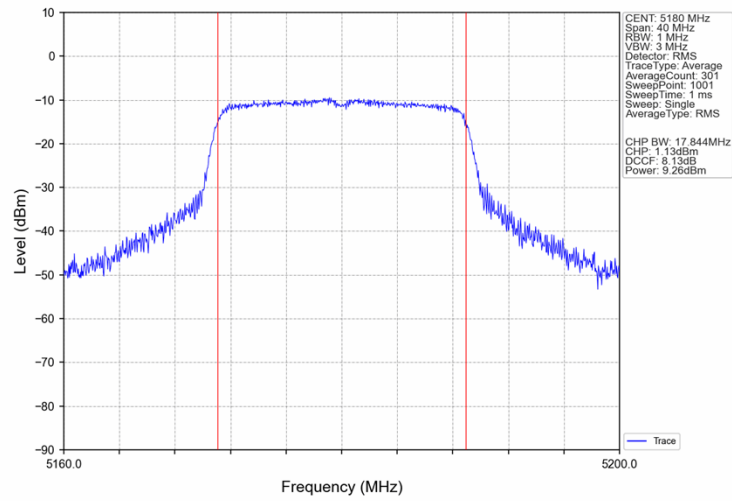
802.11n(HT40) LCH_5755MHz_Ant1_NTNV



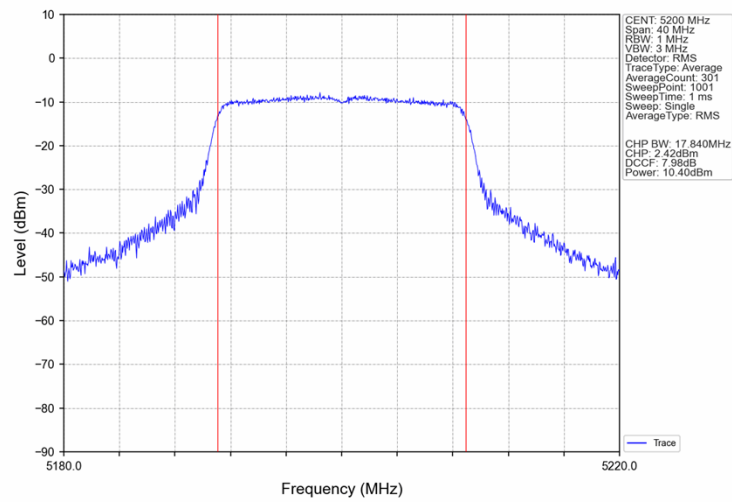
802.11n(HT40) HCH_5795MHz_Ant1_NTNV



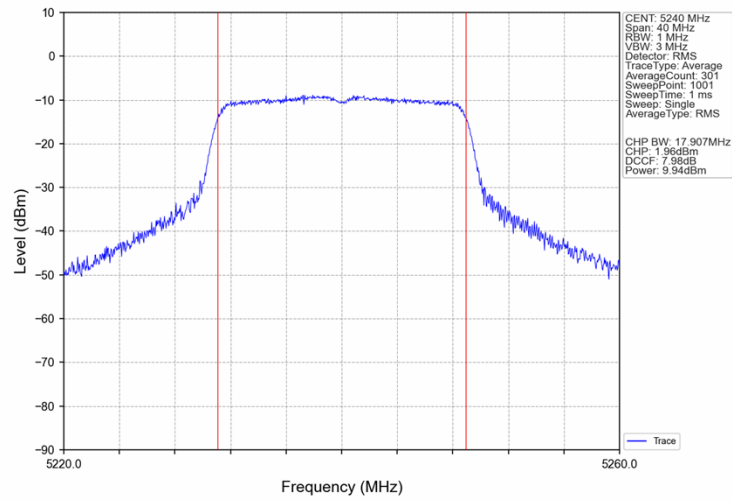
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



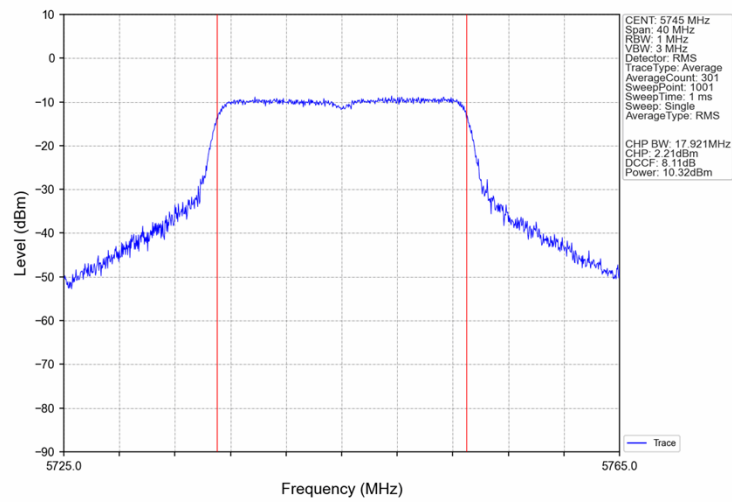
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



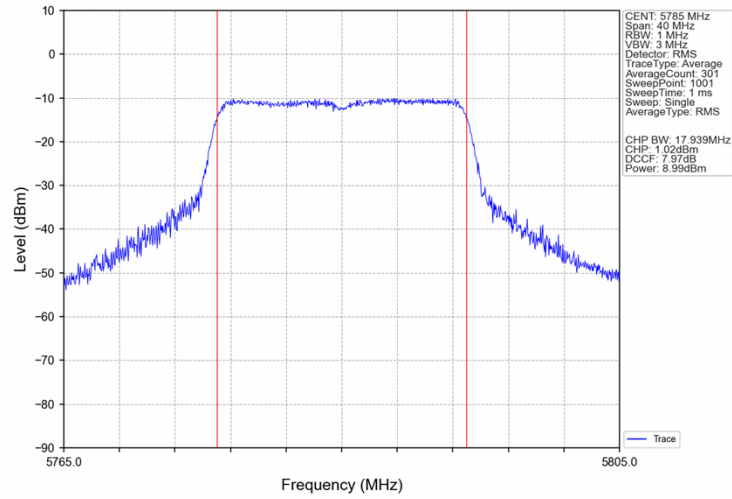
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



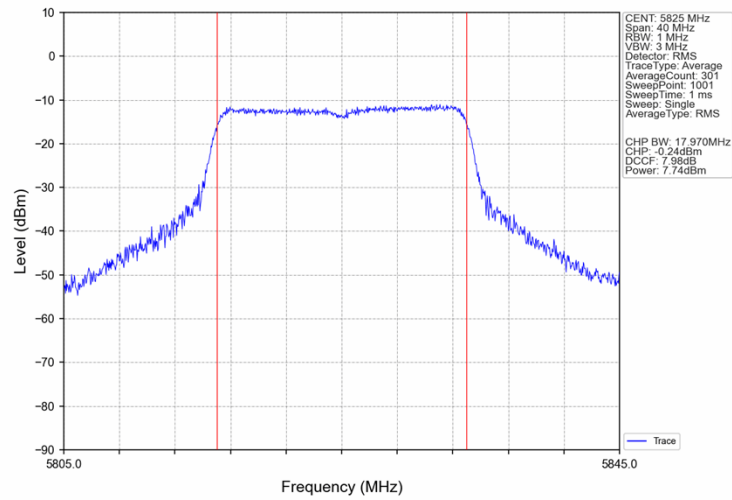
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



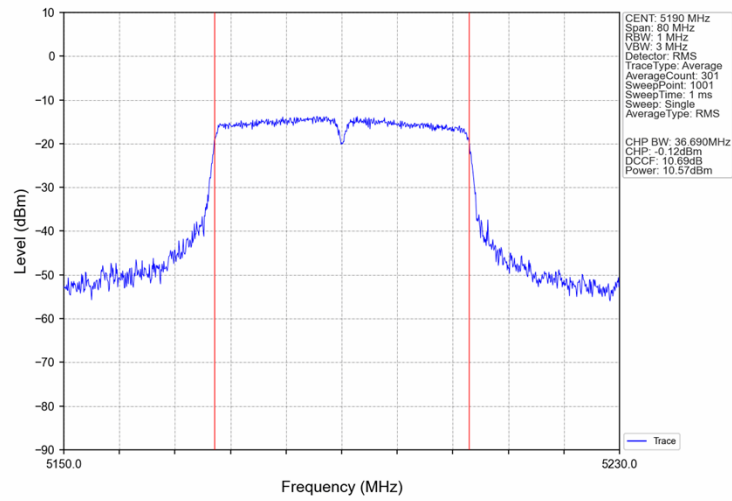
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



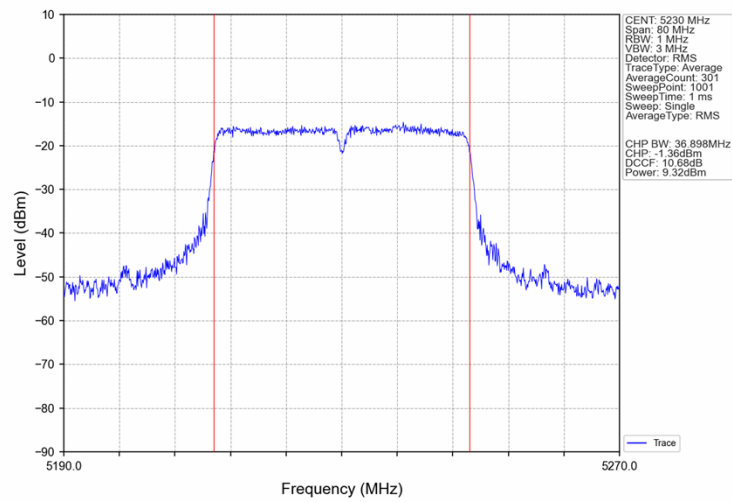
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



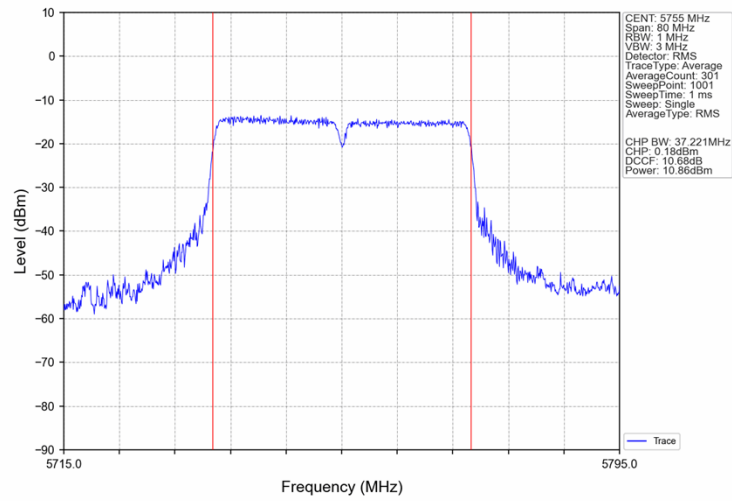
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



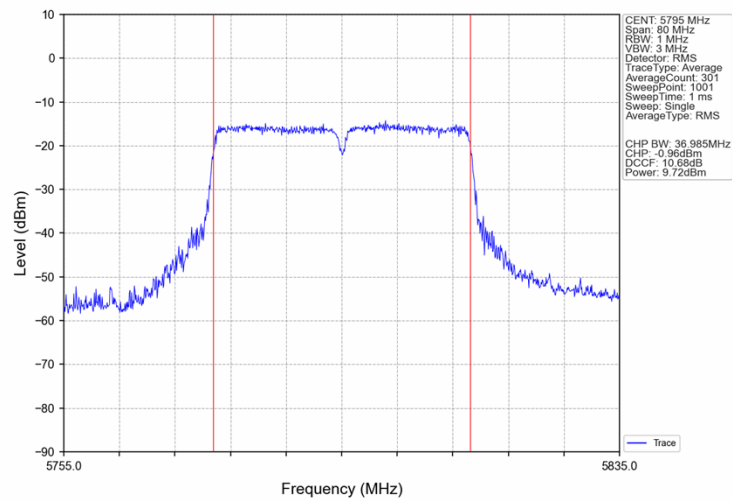
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



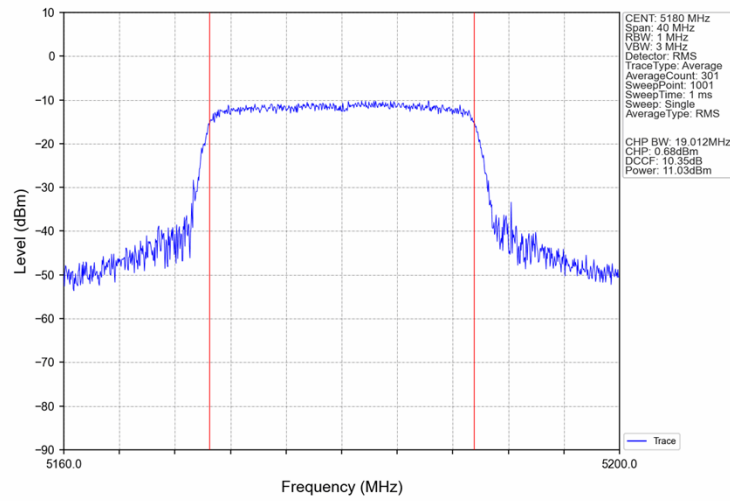
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



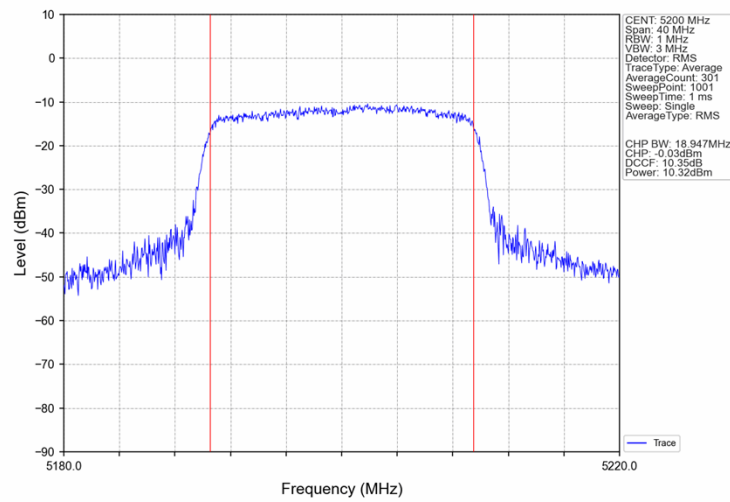
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



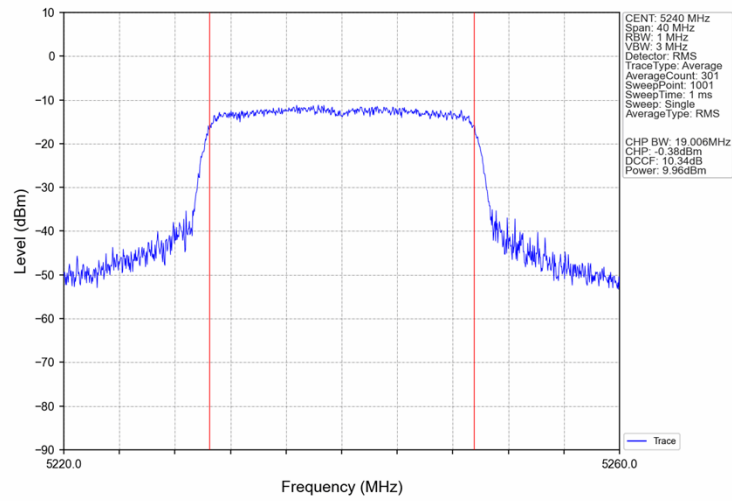
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



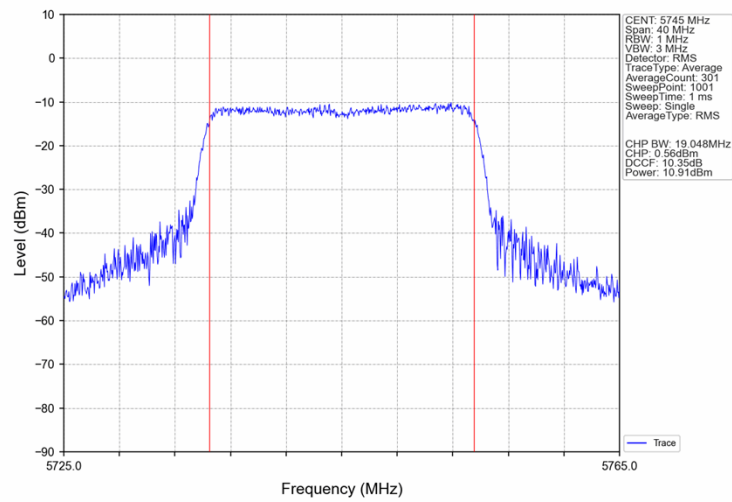
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



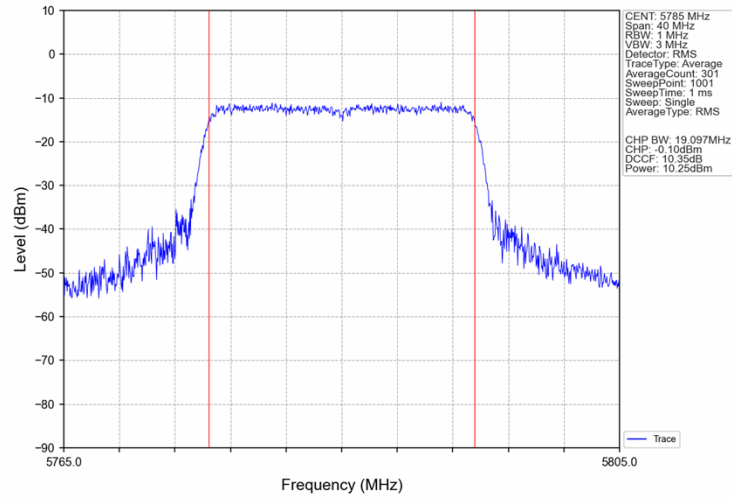
802.11ax(HEW20)_HCH_5240MHz_SU / Ant1_NTNV



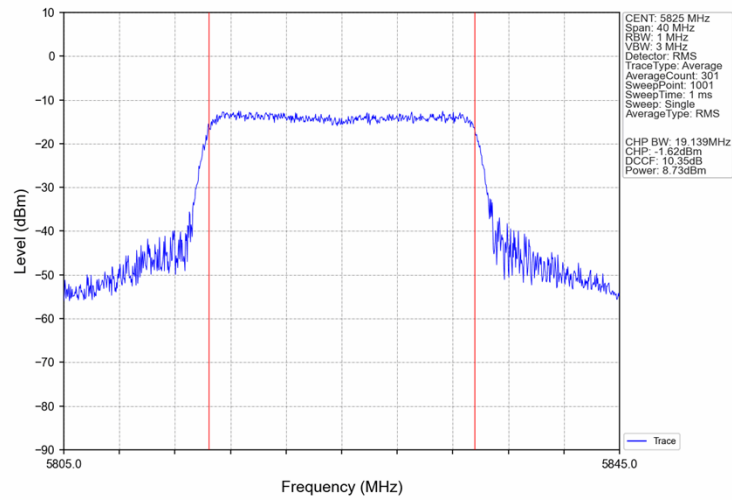
802.11ax(HEW20)_LCH_5745MHz_SU / Ant1_NTNV



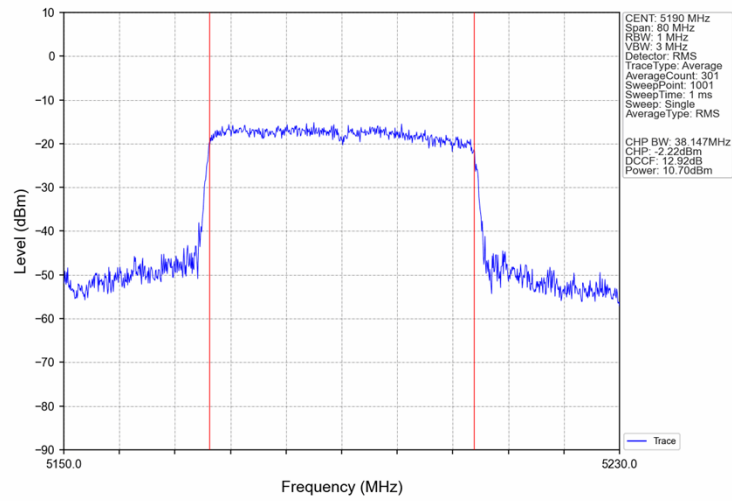
802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1 NTN



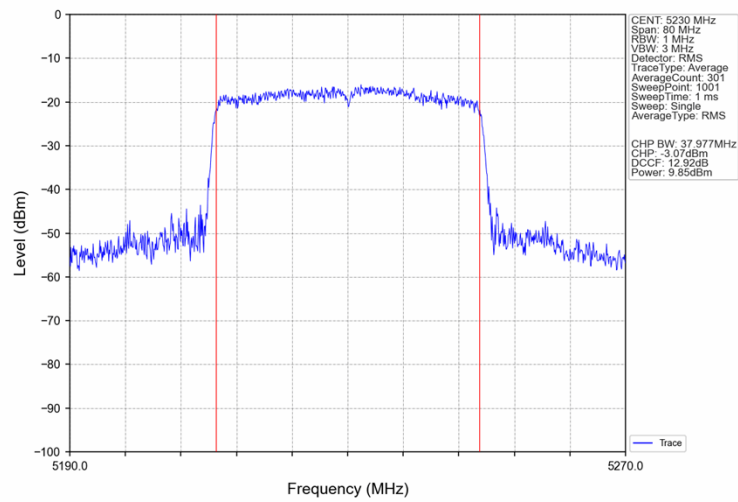
802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1 NTN



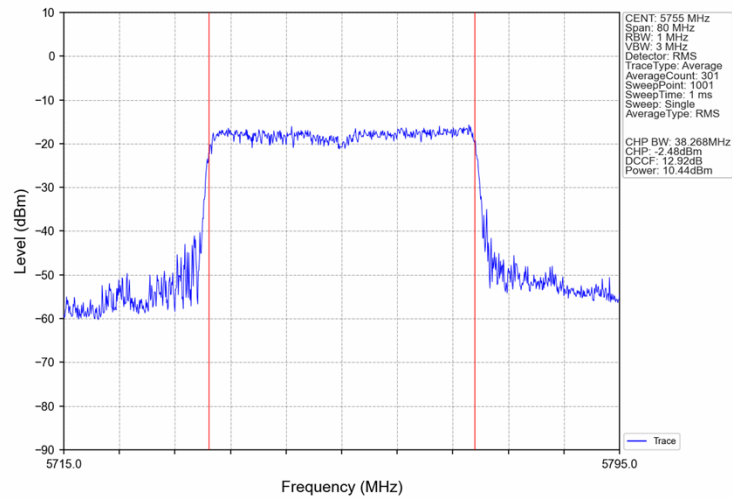
802.11ax(HEW40)_LCH_5190MHz_SU_/_Ant1_NTNV



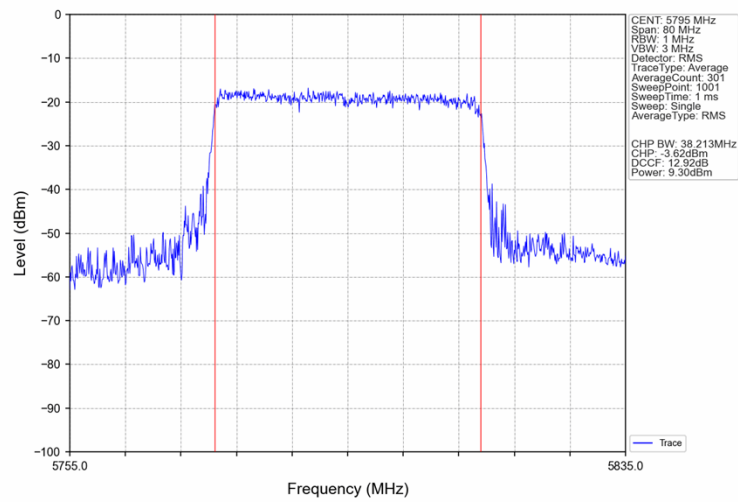
802.11ax(HEW40)_HCH_5230MHz_SU_/_Ant1_NTNV



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	/	/	-0.41	<=11	Pass
		5200	/	/	-0.01	<=11	Pass
		5240	/	/	-1.10	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-0.43	<=11	Pass
		5200	/	/	-0.51	<=11	Pass
		5240	/	/	-0.85	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-3.32	<=11	Pass
		5230	/	/	-2.52	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	-1.84	<=11	Pass
		5200	/	/	-1.45	<=11	Pass
		5240	/	/	-1.83	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-3.18	<=11	Pass
		5230	/	/	-4.04	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	-0.09	<=11	Pass
		5200	SU	/	-0.18	<=11	Pass
		5240	SU	/	-1.46	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-3.75	<=11	Pass
		5230	SU	/	-3.47	<=11	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 3.58dBi;
- Band: 3 Ant1: 5.45dBi;

4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-2.56	<=30	Pass
		5785	/	/	-1.99	<=30	Pass
		5825	/	/	-4.58	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-2.26	<=30	Pass
		5785	/	/	-4.62	<=30	Pass
		5825	/	/	-3.92	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-5.23	<=30	Pass
		5795	/	/	-6.09	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-2.89	<=30	Pass
		5785	/	/	-4.54	<=30	Pass
		5825	/	/	-4.35	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-6.14	<=30	Pass
		5795	/	/	-7.58	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-2.00	<=30	Pass
		5785	SU	/	-3.49	<=30	Pass
		5825	SU	/	-4.46	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-5.93	<=30	Pass
		5795	SU	/	-5.18	<=30	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 3.58dBi;