

ANNEX G TEST DATA

For

Project No.:	8337EU012312W
Client:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Product Description:	Tablet PC
Model No.:	POS1095T
FCC ID:	2ABC5-E0111
Technology:	WiFi 5G
Test Engineer:	<i>Mikoy zhu</i>
Test Date:	2026-01-15

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Unwanted Emissions In Non-restricted Frequency Bands	Pass
Frequency Stability	Pass

1. Duty Cycle

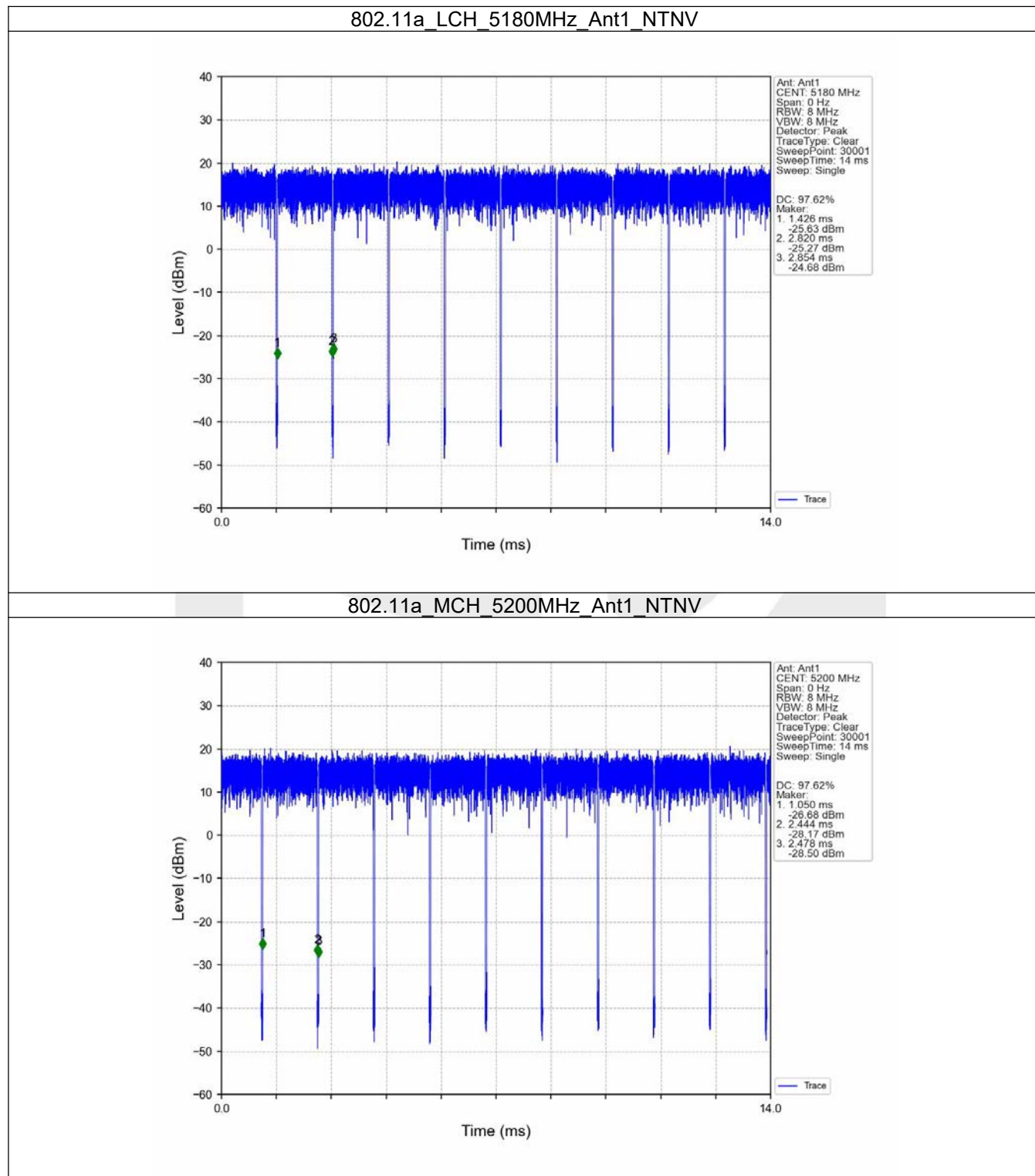
1.1 Test Result

1.1.1 Ant1

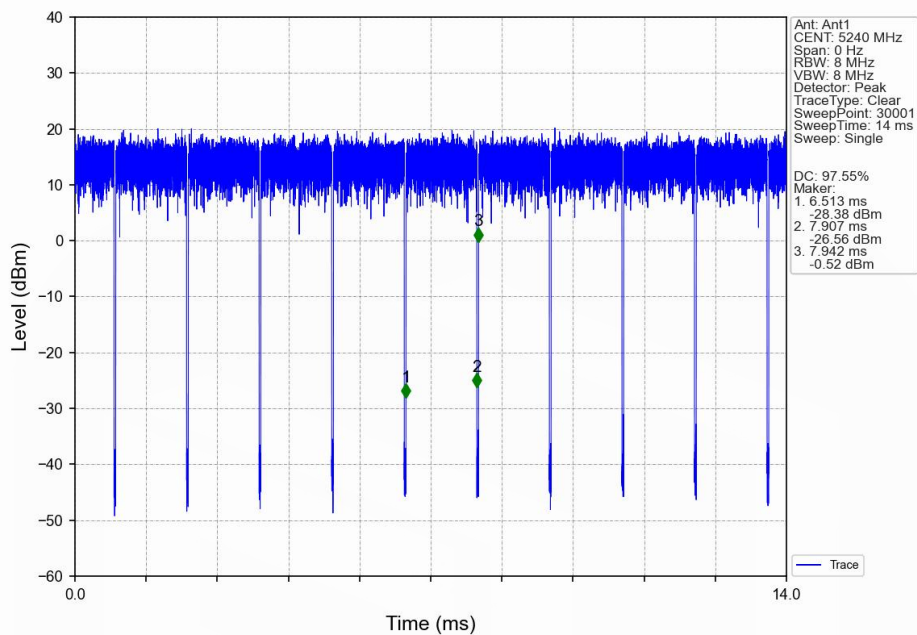
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.394	1.428	97.62	0.10	0.03
		5200	1.394	1.428	97.62	0.10	0.00
		5240	1.394	1.429	97.55	0.11	0.10
		5745	1.394	1.427	97.69	0.10	0.03
		5785	1.393	1.428	97.55	0.11	0.06
		5825	1.393	1.428	97.55	0.11	0.03
802.11n (HT20)	SISO	5180	1.302	1.336	97.46	0.11	0.03
		5200	1.302	1.336	97.46	0.11	0.07
		5240	1.302	1.335	97.53	0.11	0.03
		5745	1.300	1.335	97.38	0.12	0.03
		5785	1.300	1.336	97.31	0.12	0.03
		5825	1.301	1.336	97.38	0.12	0.10
802.11n (HT40)	SISO	5190	0.650	0.683	95.17	0.22	0.03
		5230	0.648	0.683	94.88	0.23	0.03
		5755	0.649	0.683	95.02	0.22	0.03
		5795	0.649	0.683	95.02	0.22	0.07
802.11ac (VHT20)	SISO	5180	1.313	1.348	97.40	0.11	0.03
		5200	1.314	1.348	97.48	0.11	0.03
		5240	1.312	1.348	97.33	0.12	0.10
		5745	1.315	1.348	97.55	0.11	0.03
		5785	1.314	1.348	97.48	0.11	0.00
		5825	1.314	1.348	97.48	0.11	0.03
802.11ac (VHT40)	SISO	5190	0.652	0.687	94.91	0.23	0.07
		5230	0.653	0.687	95.05	0.22	0.03
		5755	0.653	0.686	95.19	0.21	0.03
		5795	0.653	0.687	95.05	0.22	0.03
802.11ac (VHT80)	SISO	5210	0.324	0.359	90.25	0.45	0.07
		5775	0.325	0.359	90.53	0.43	0.07

1.2 Test Graph

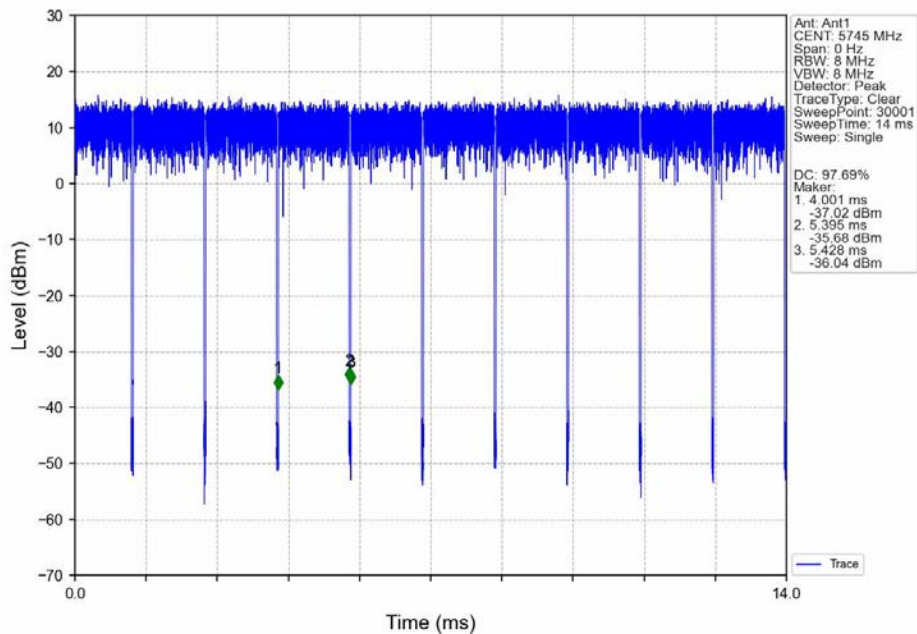
1.2.1 Ant1



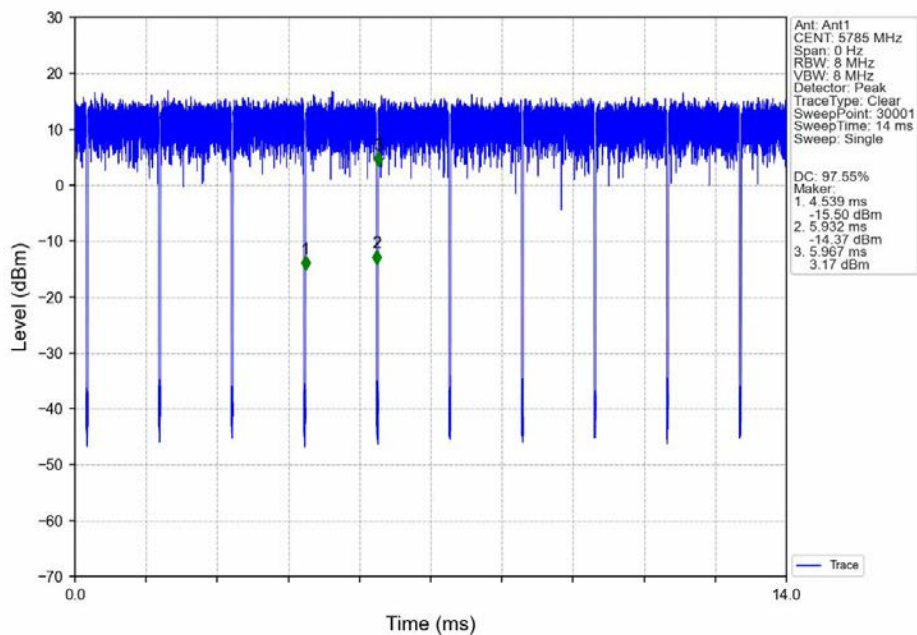
802.11a_HCH_5240MHz_Ant1_NTNV



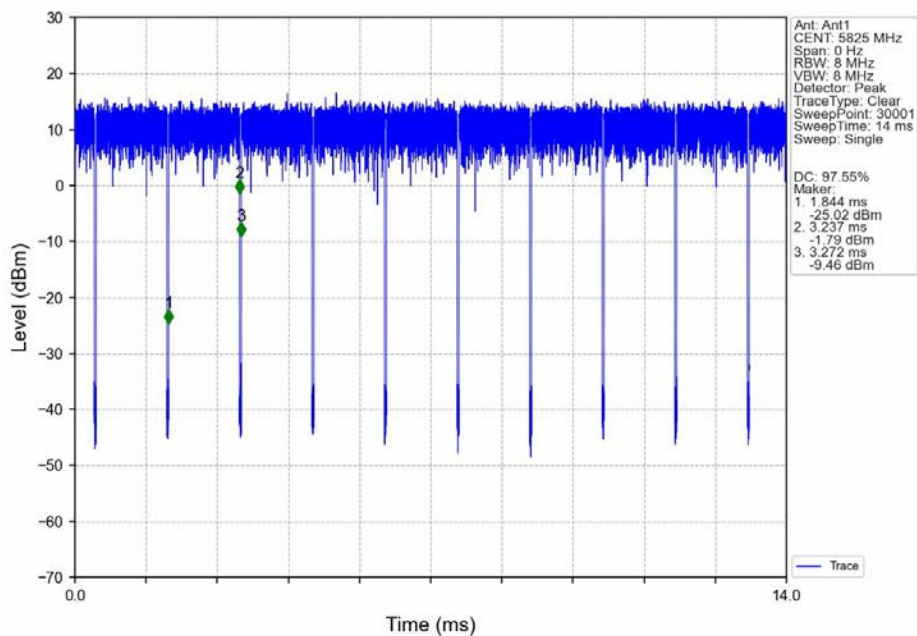
802.11a_LCH_5745MHz_Ant1_NTNV



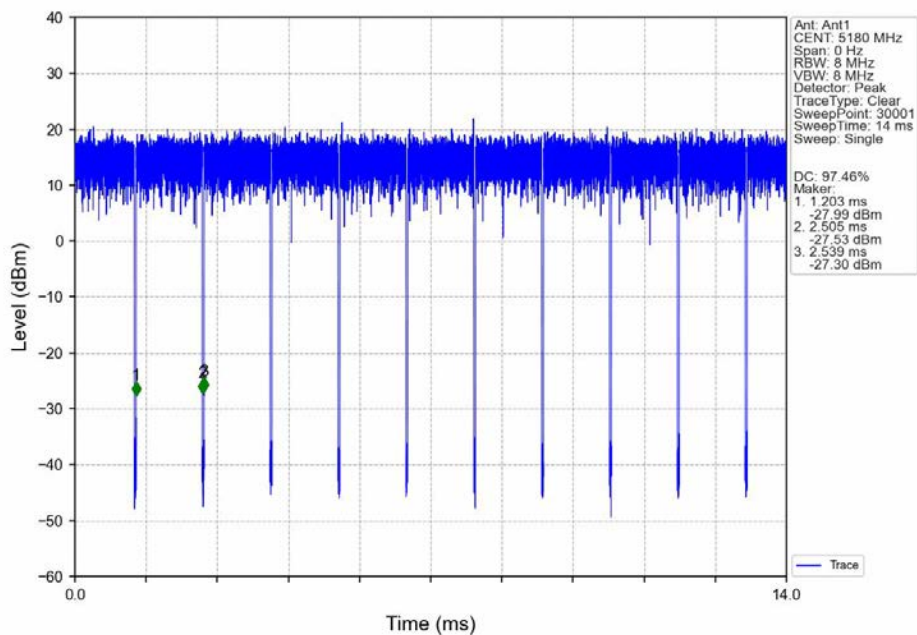
802.11a_MCH_5785MHz_Ant1_NTNV



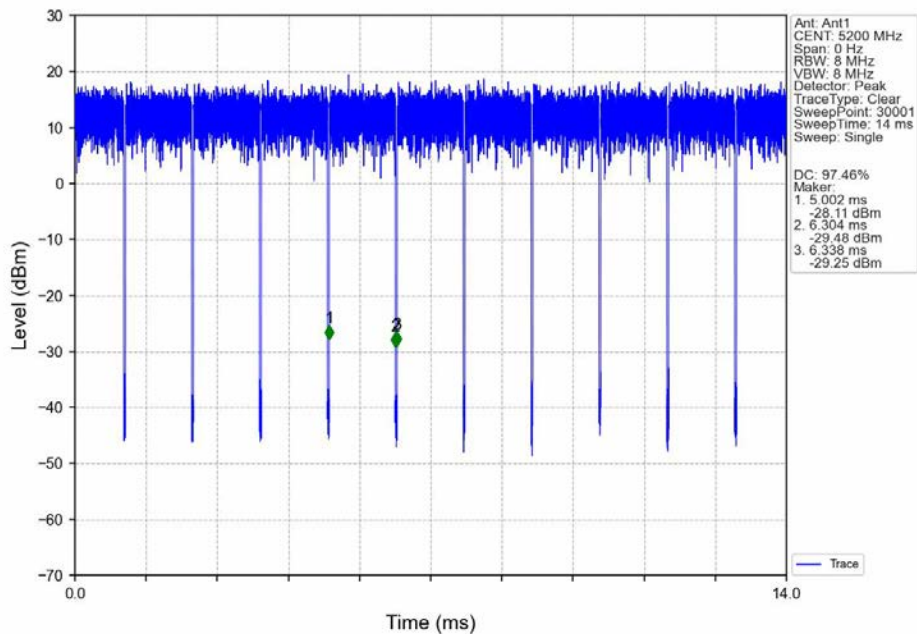
802.11a_HCH_5825MHz_Ant1_NTNV



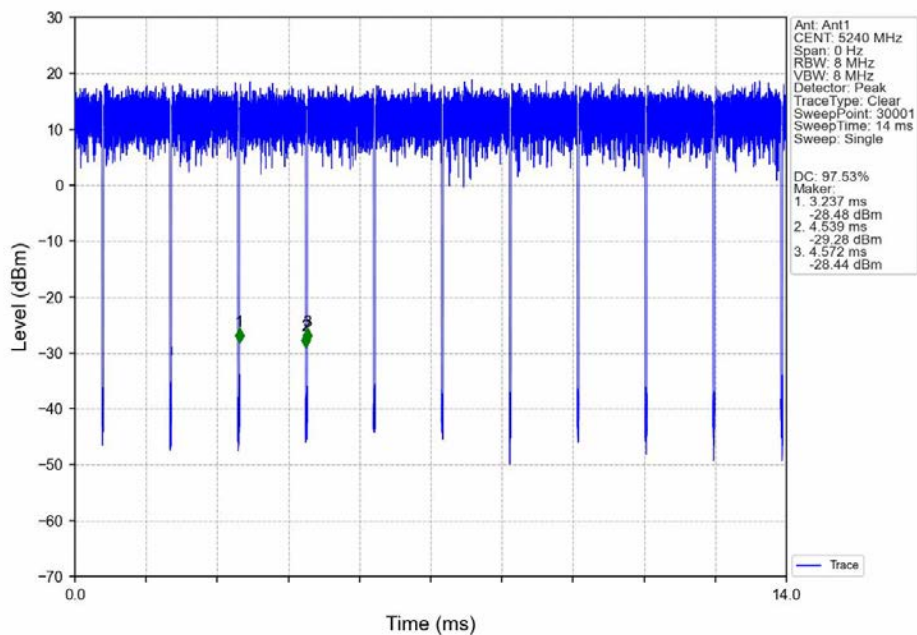
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



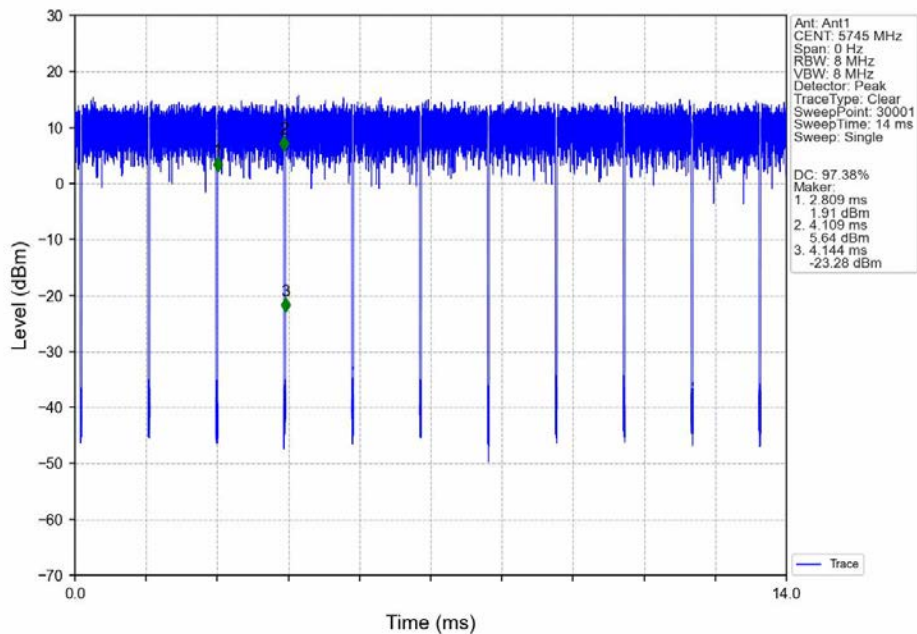
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



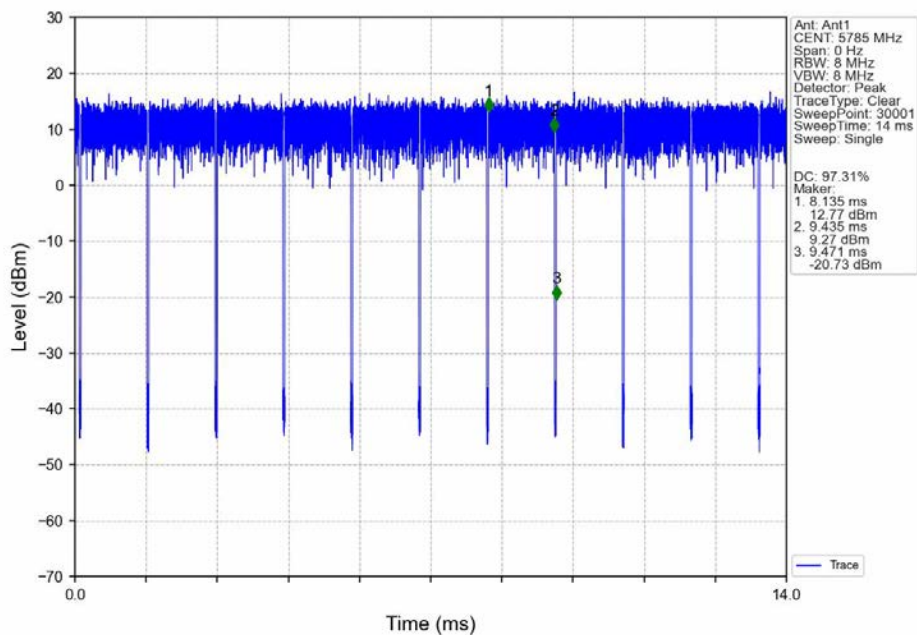
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



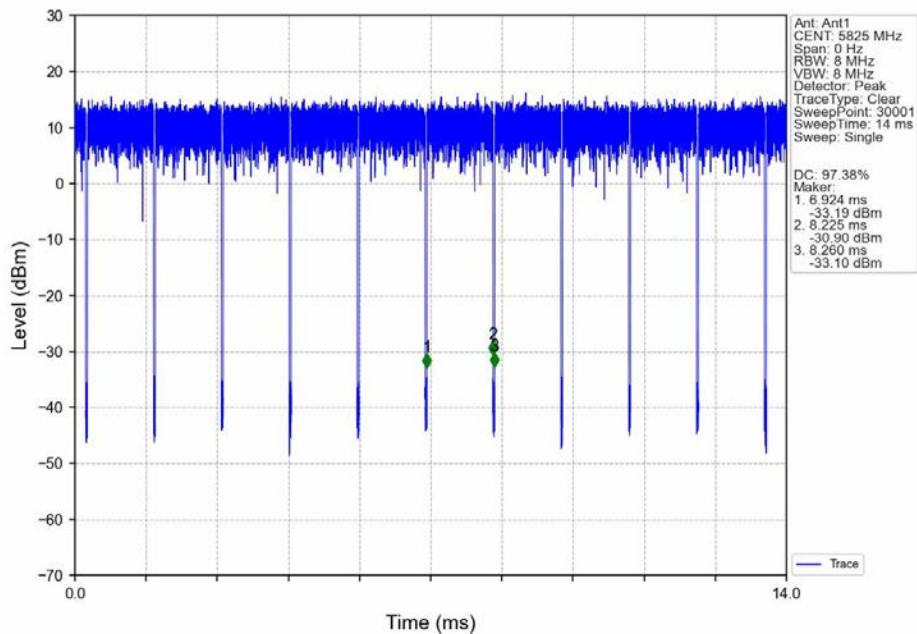
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



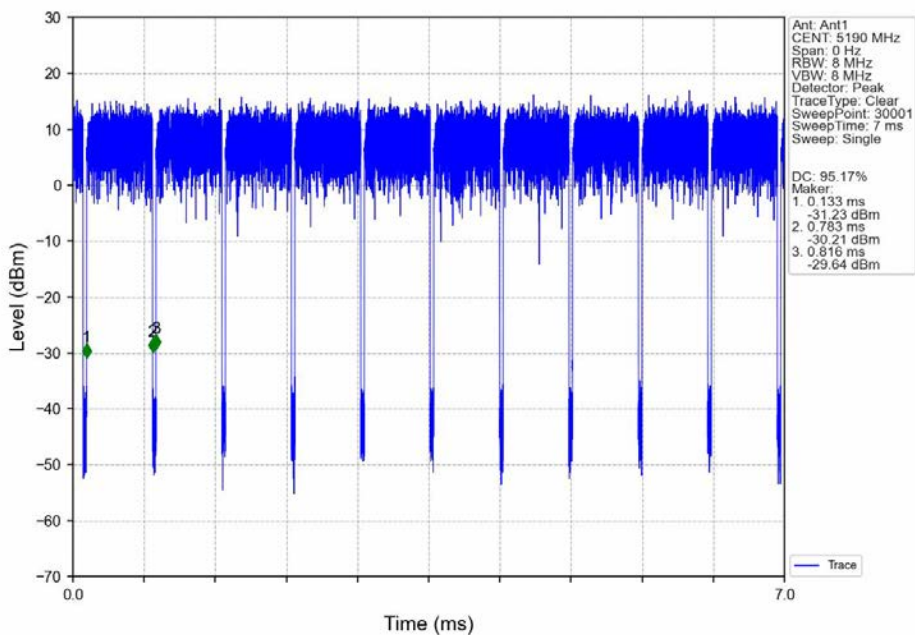
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



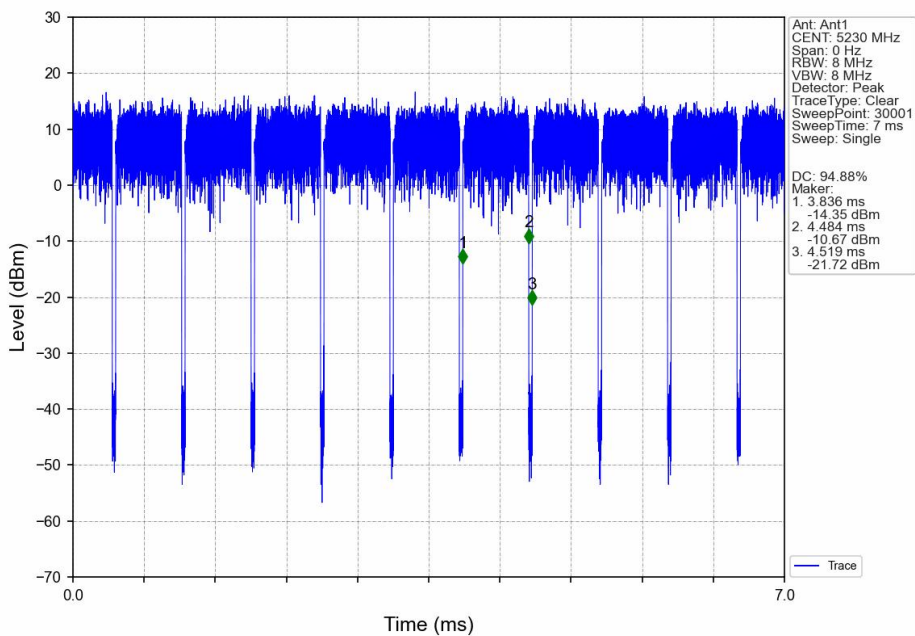
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



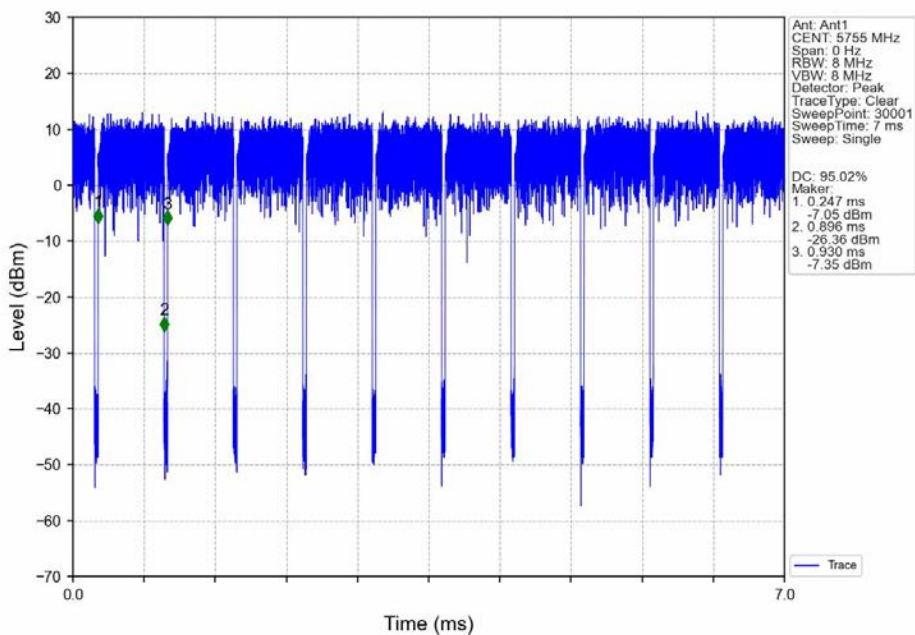
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



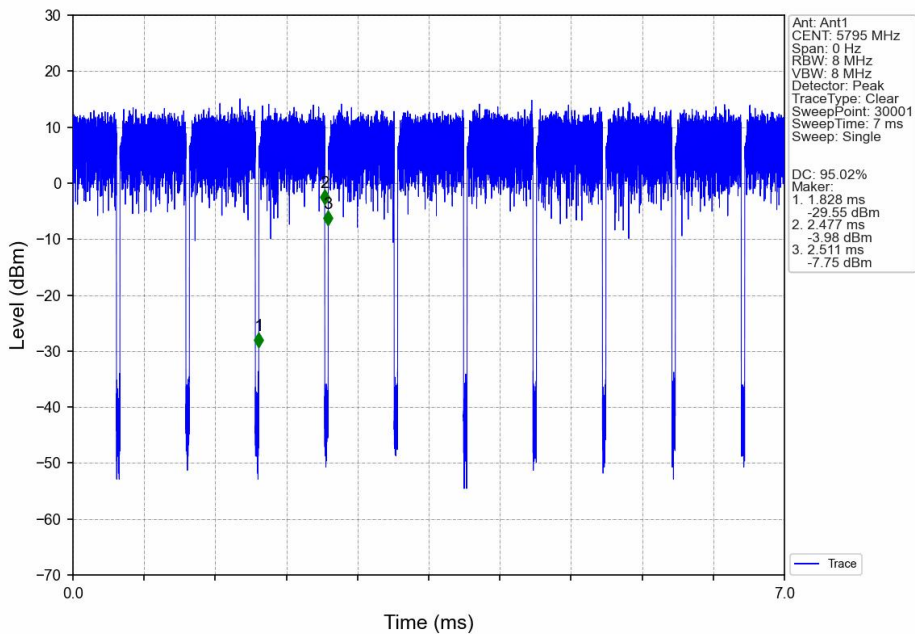
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



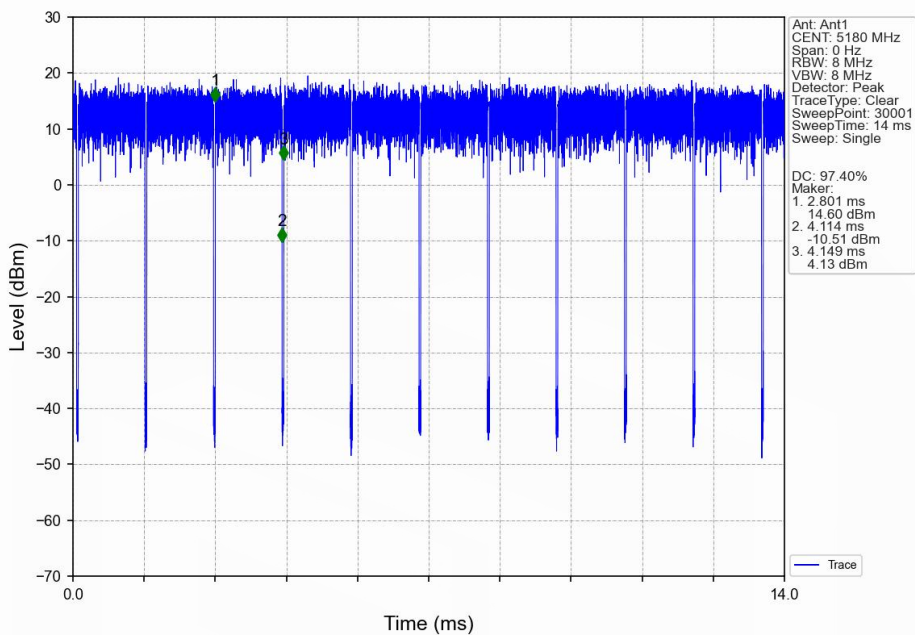
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



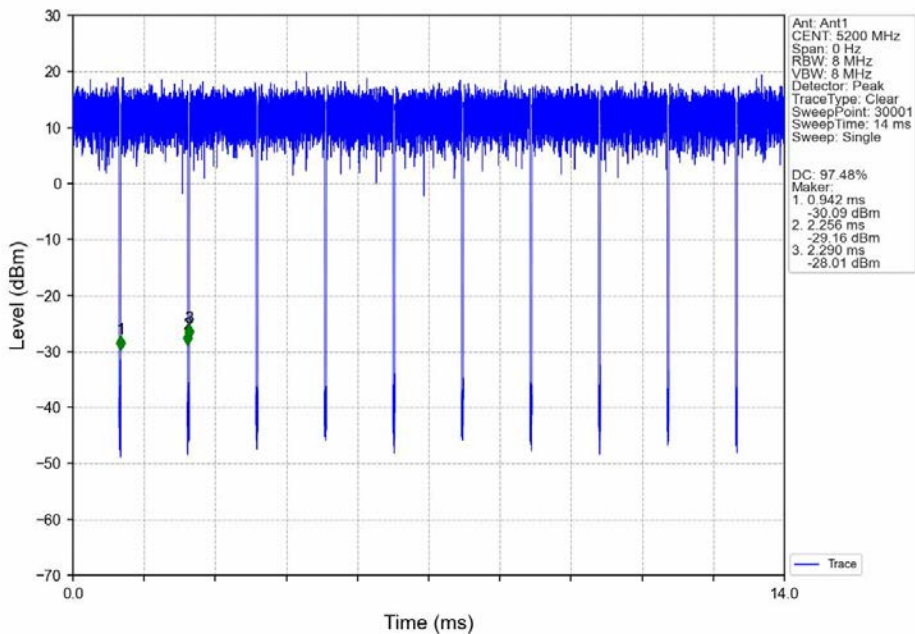
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



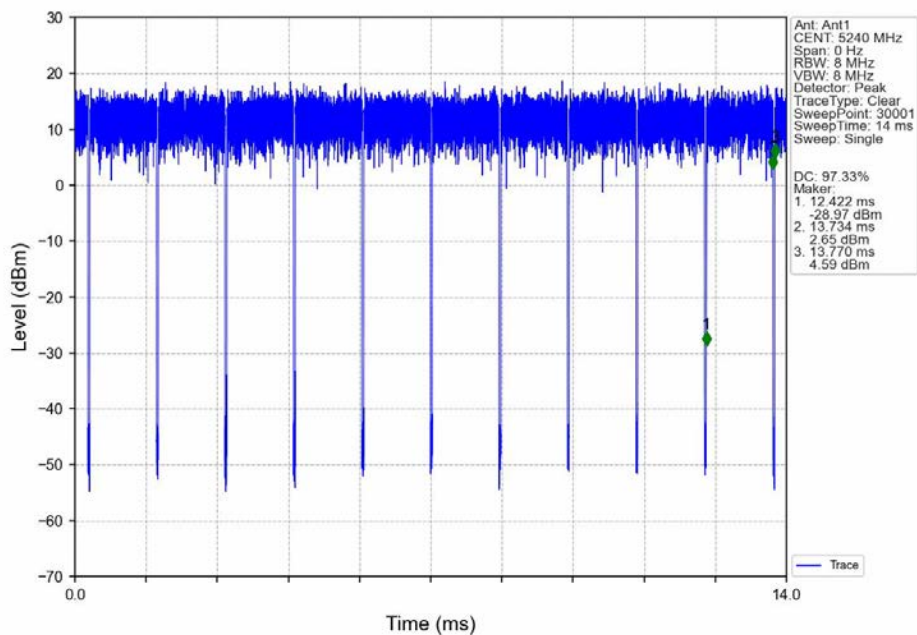
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



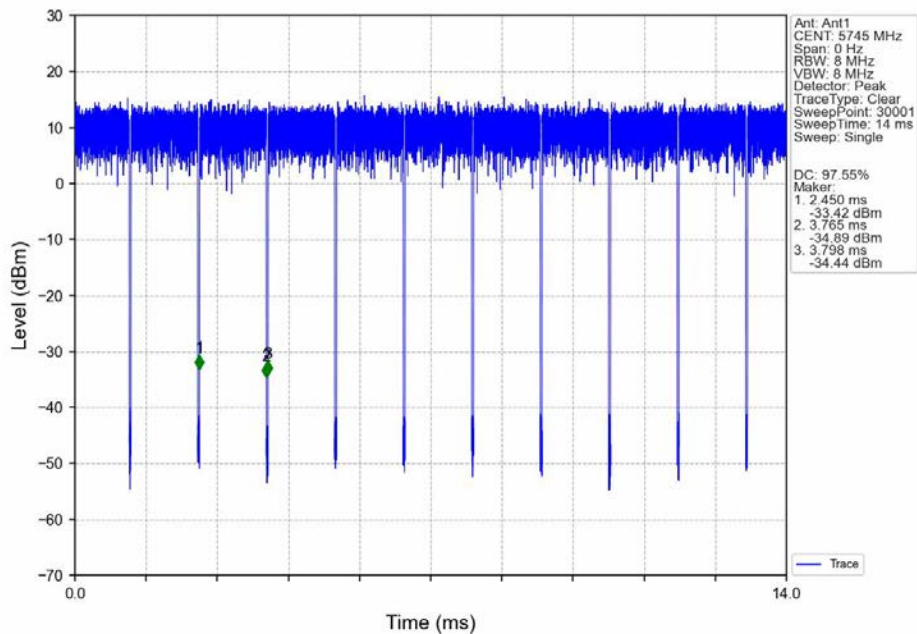
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



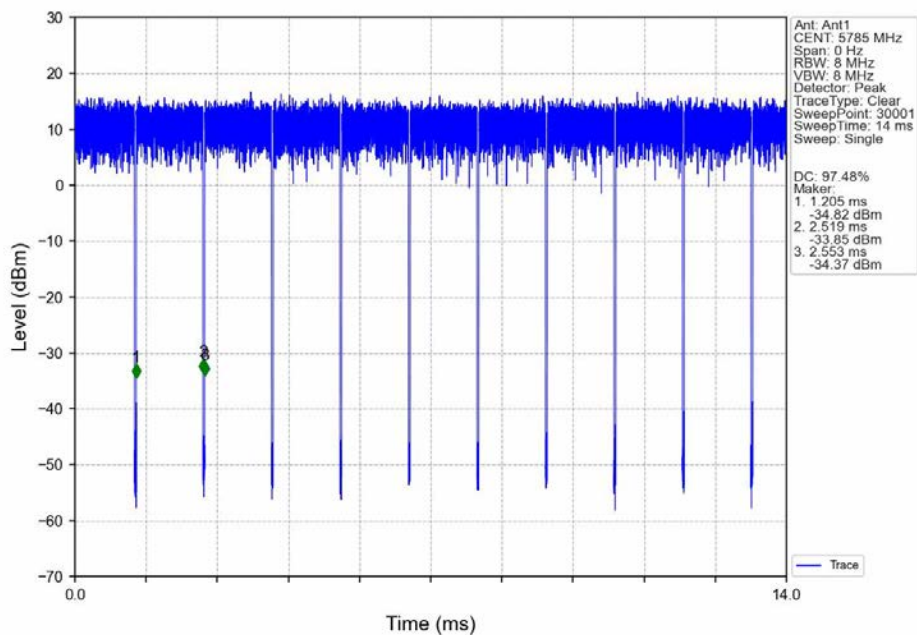
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



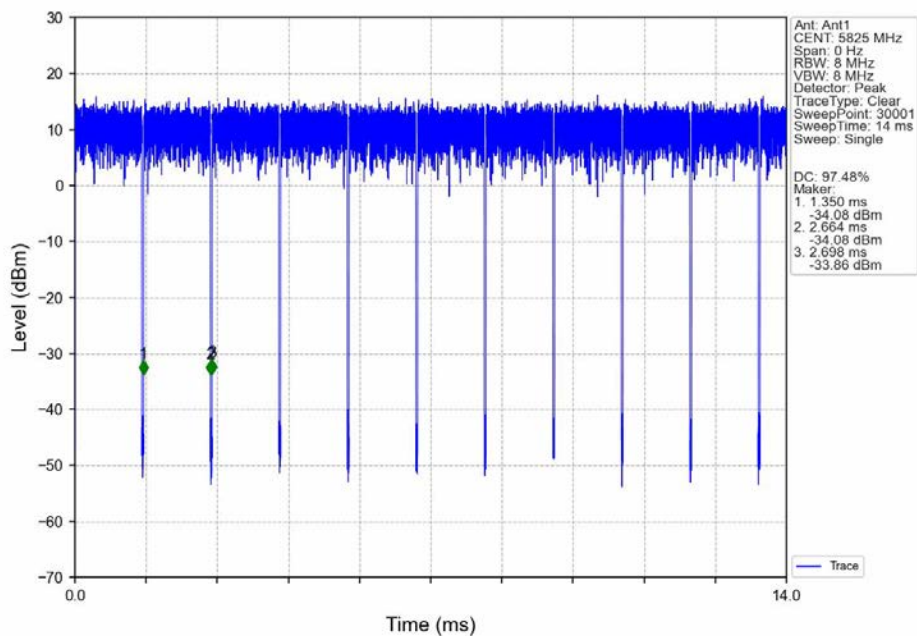
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



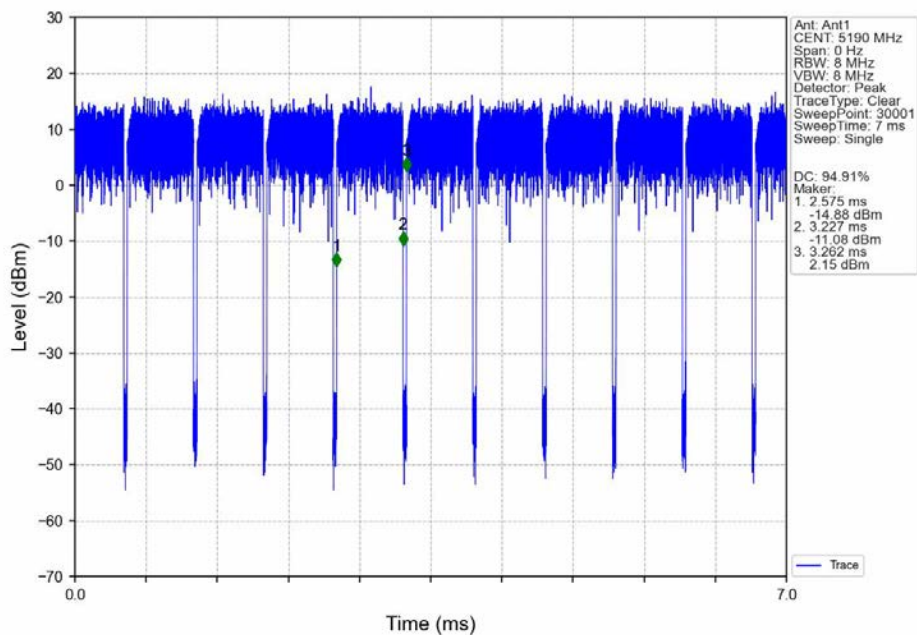
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



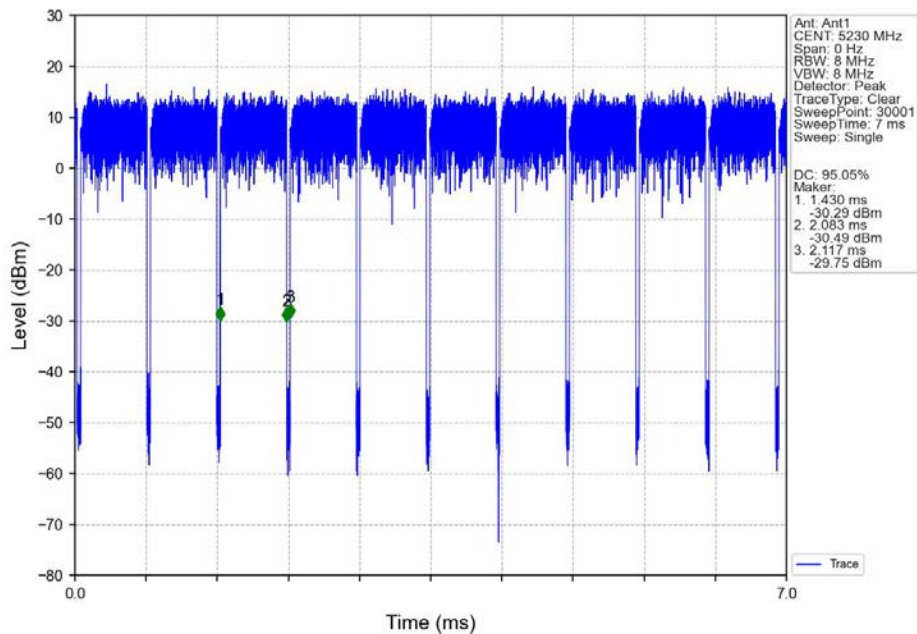
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



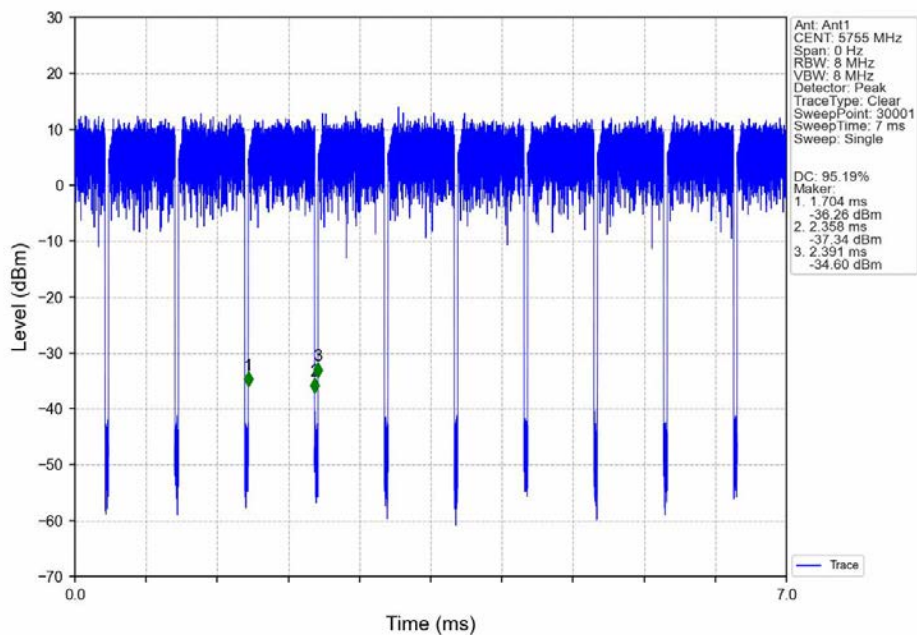
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



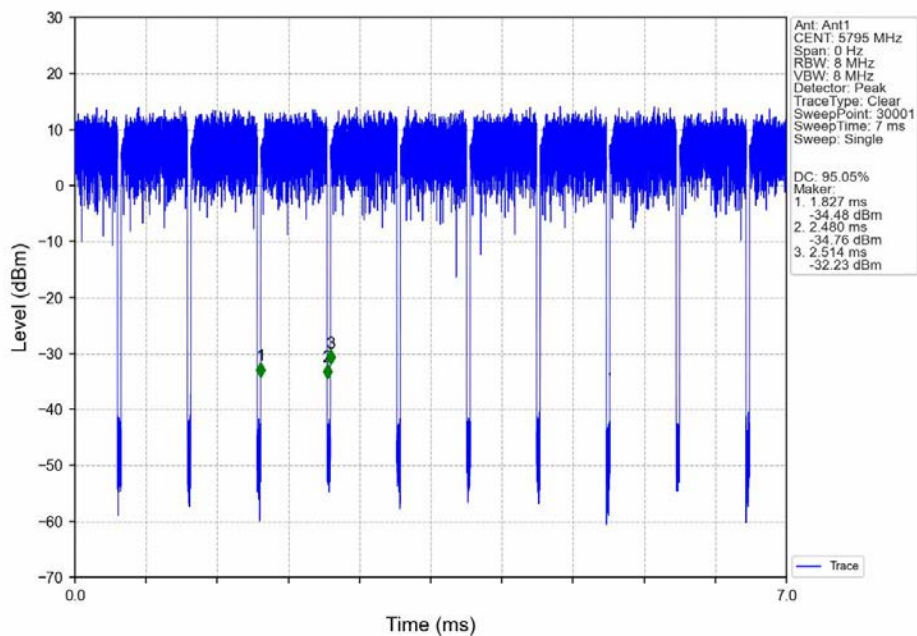
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



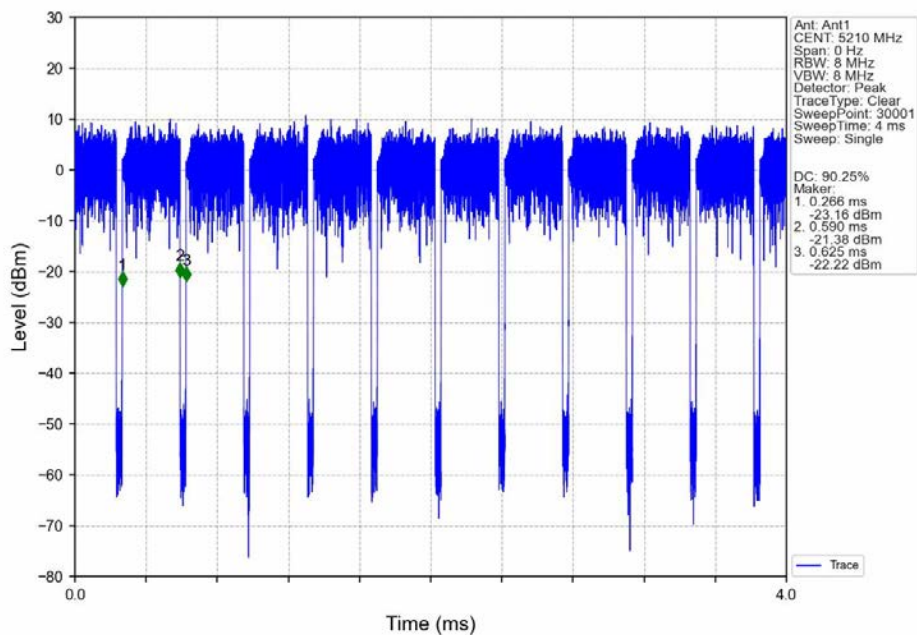
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



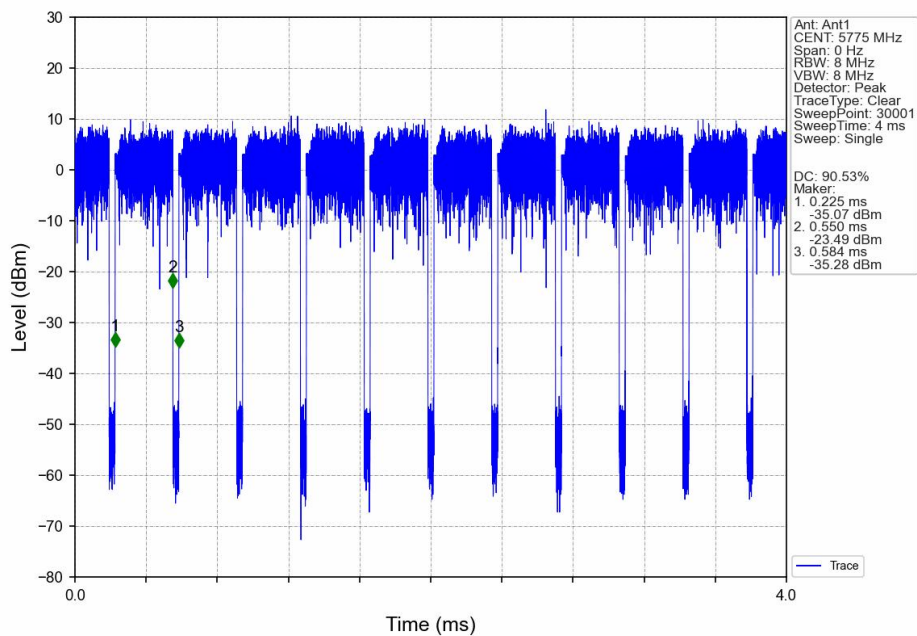
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.501	/	Pass
		5200	1	17.833	/	Pass
		5240	1	17.730	/	Pass
		5745	1	18.425	/	Pass
		5785	1	18.434	/	Pass
		5825	1	18.328	/	Pass
802.11n (HT20)	SISO	5180	1	18.500	/	Pass
		5200	1	18.288	/	Pass
		5240	1	18.272	/	Pass
		5745	1	18.620	/	Pass
		5785	1	18.865	/	Pass
		5825	1	18.957	/	Pass
802.11n (HT40)	SISO	5190	1	36.479	/	Pass
		5230	1	36.819	/	Pass
		5755	1	39.153	/	Pass
		5795	1	37.228	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.085	/	Pass
		5200	1	18.148	/	Pass
		5240	1	18.150	/	Pass
		5745	1	18.739	/	Pass
		5785	1	18.972	/	Pass
		5825	1	18.968	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.313	/	Pass
		5230	1	36.523	/	Pass
		5755	1	38.819	/	Pass
		5795	1	37.298	/	Pass
802.11ac (VHT80)	SISO	5210	1	75.634	/	Pass
		5775	1	78.593	/	Pass

2.1.2 26dB BW

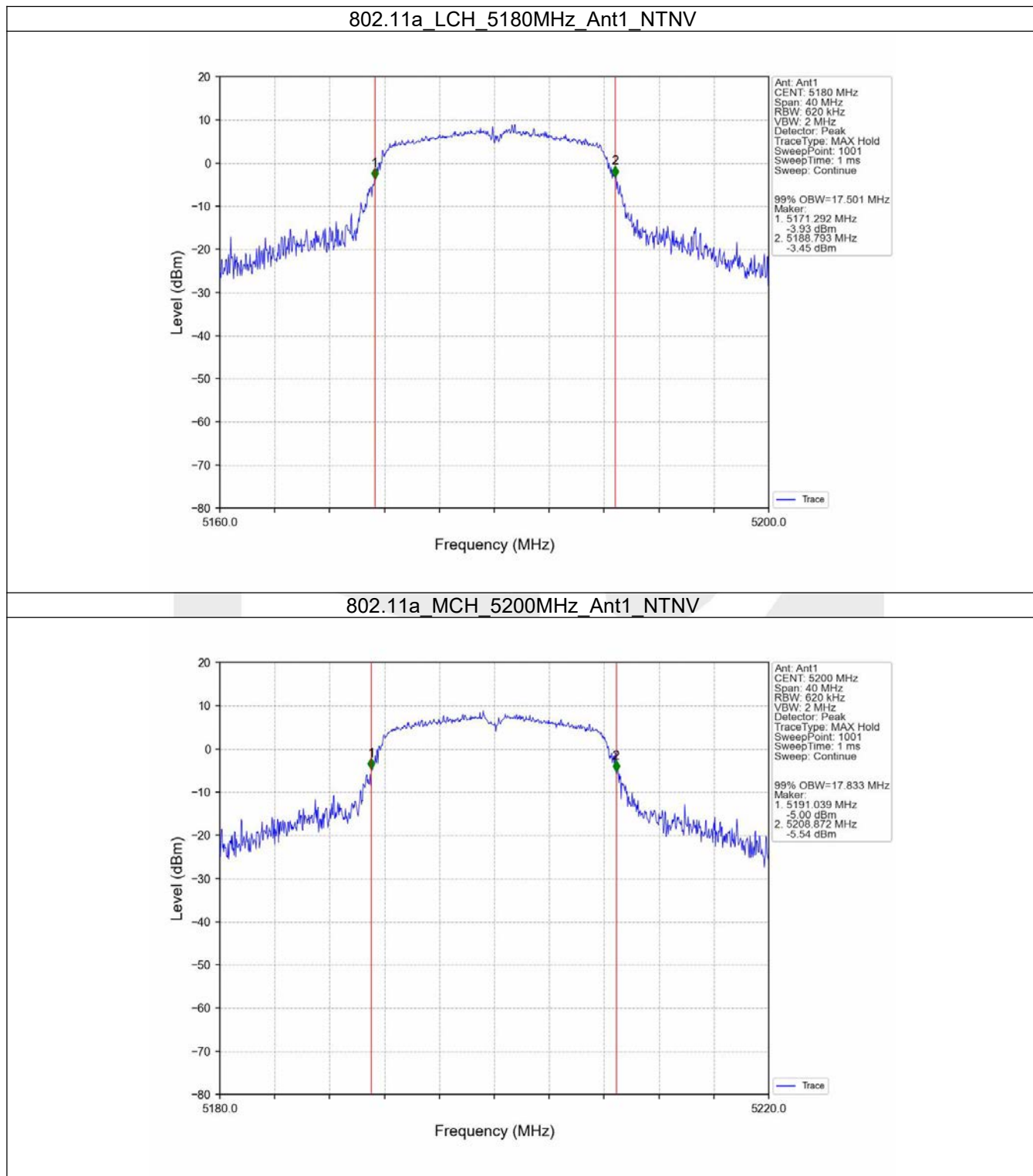
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	30.528	/	Pass
		5200	1	31.136	/	Pass
		5240	1	30.283	/	Pass
802.11n (HT20)	SISO	5180	1	31.505	/	Pass
		5200	1	27.130	/	Pass
		5240	1	26.866	/	Pass
802.11n (HT40)	SISO	5190	1	66.538	/	Pass
		5230	1	68.366	/	Pass
802.11ac (VHT20)	SISO	5180	1	26.814	/	Pass
		5200	1	25.786	/	Pass
		5240	1	24.348	/	Pass
802.11ac (VHT40)	SISO	5190	1	43.455	/	Pass
		5230	1	48.697	/	Pass
802.11ac (VHT80)	SISO	5210	1	81.738	/	Pass

2.1.3 6dB BW

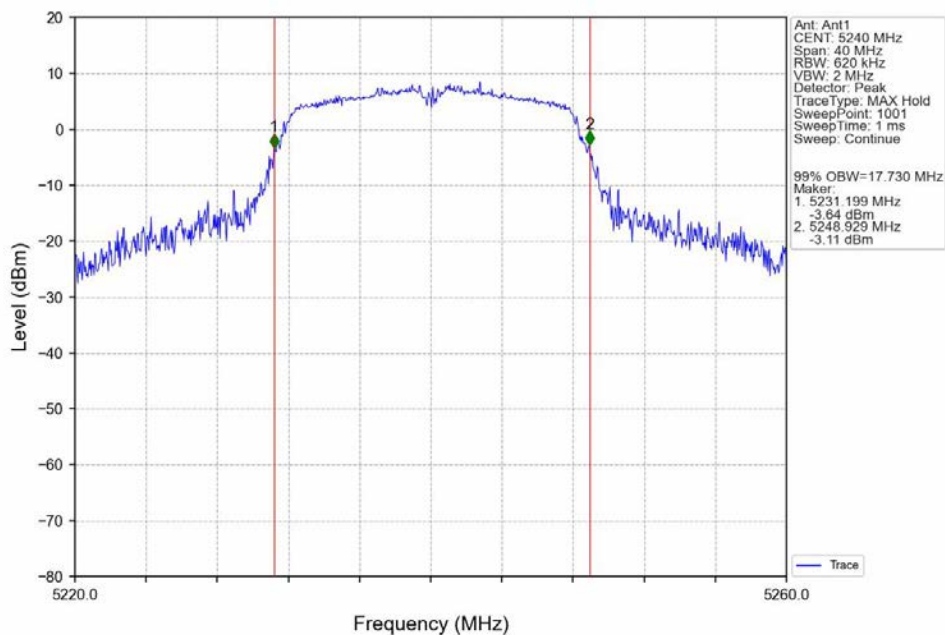
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	12.536	≥ 0.5	Pass
		5785	1	14.797	≥ 0.5	Pass
		5825	1	14.405	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.699	≥ 0.5	Pass
		5785	1	15.463	≥ 0.5	Pass
		5825	1	13.936	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.092	≥ 0.5	Pass
		5795	1	35.107	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	15.775	≥ 0.5	Pass
		5785	1	15.088	≥ 0.5	Pass
		5825	1	15.077	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.063	≥ 0.5	Pass
		5795	1	35.112	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.138	≥ 0.5	Pass

2.2 Test Graph

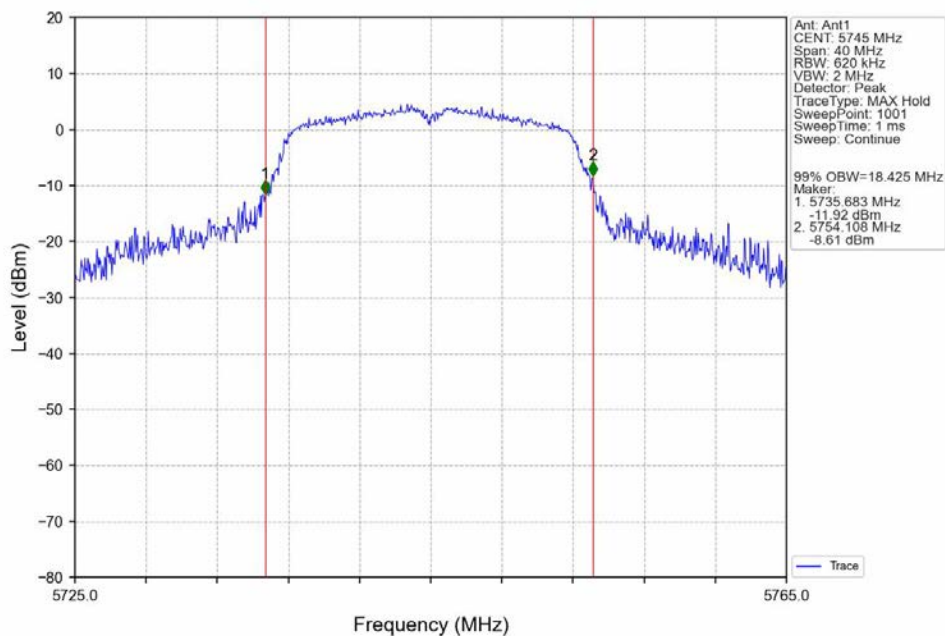
2.2.1 OBW



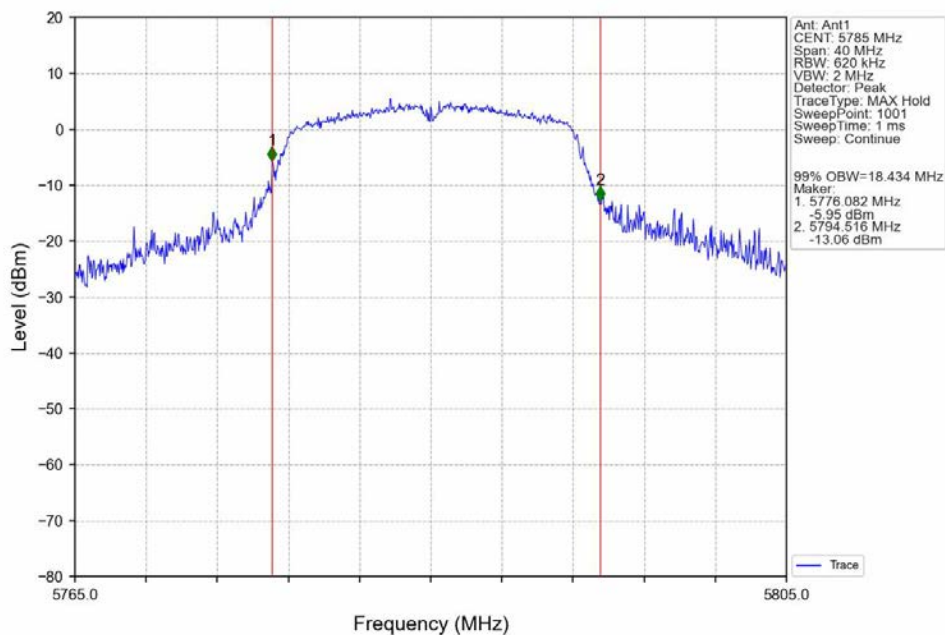
802.11a_HCH_5240MHz_Ant1_NTNV



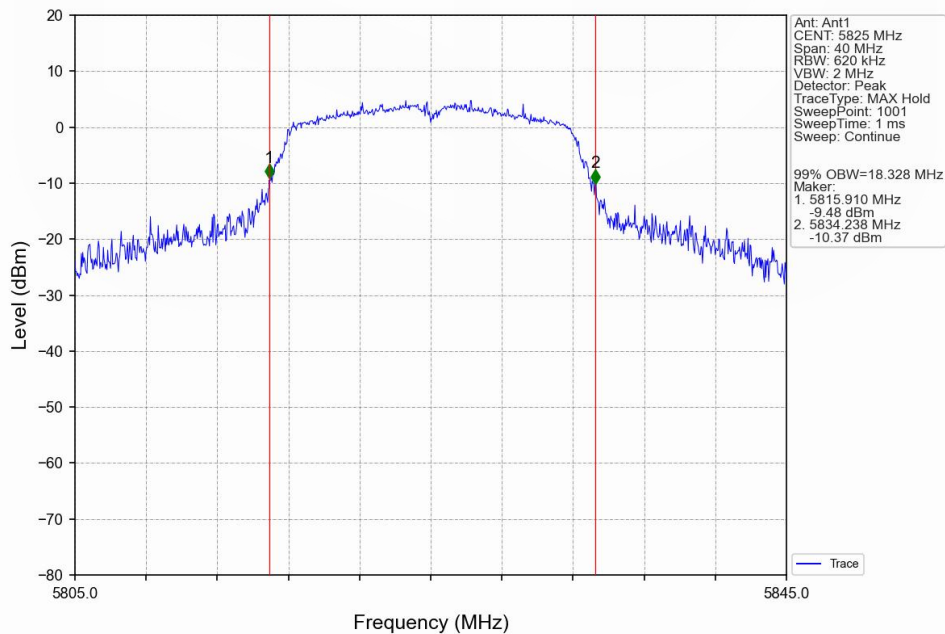
802.11a_LCH_5745MHz_Ant1_NTNV



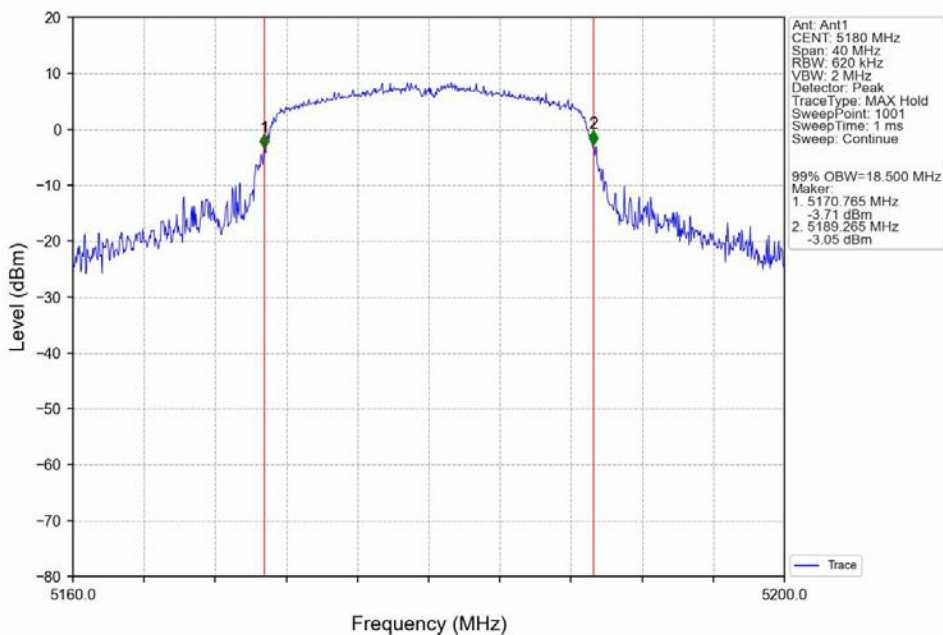
802.11a_MCH_5785MHz_Ant1_NTNV



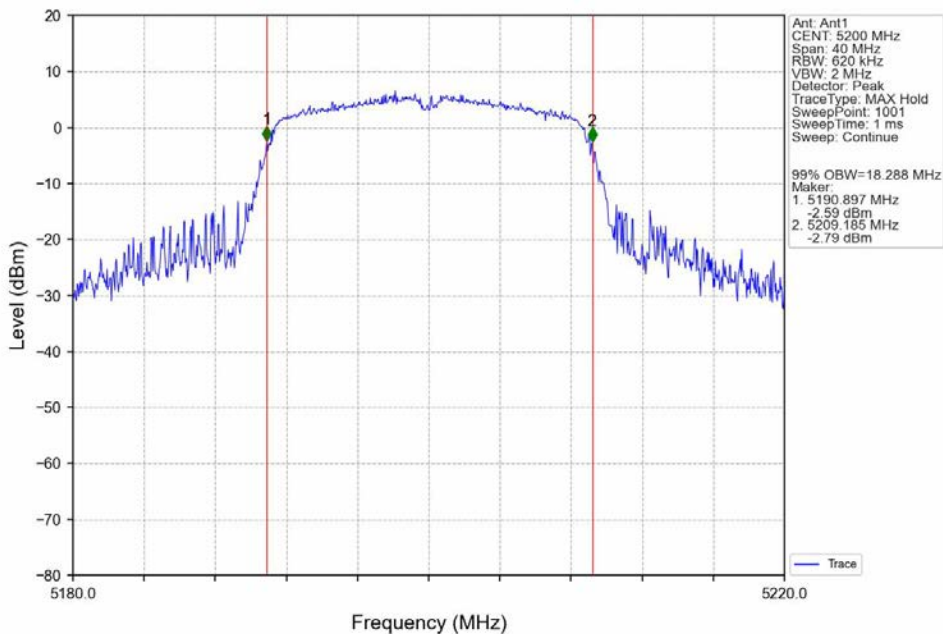
802.11a_HCH_5825MHz_Ant1_NTNV



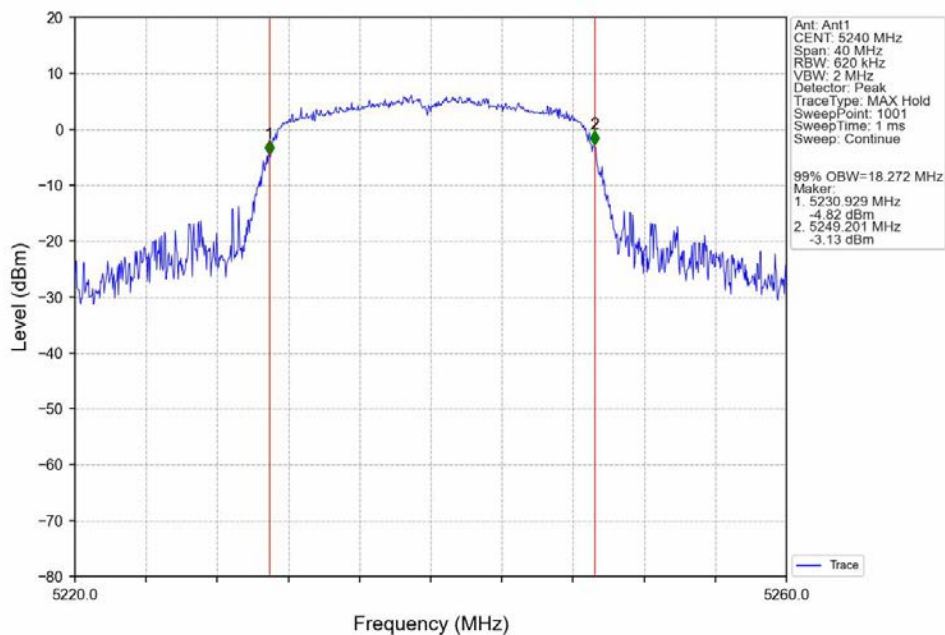
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



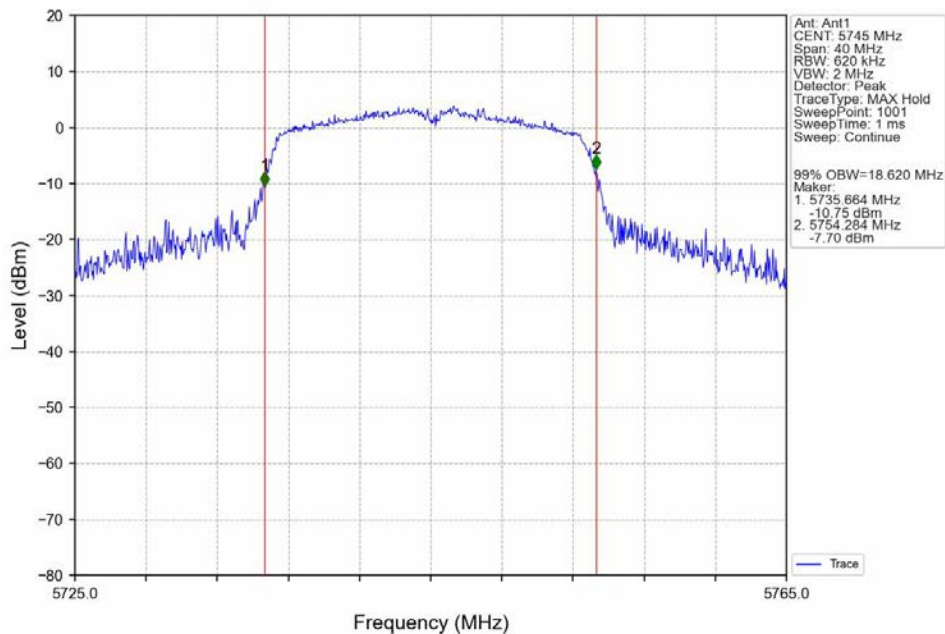
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



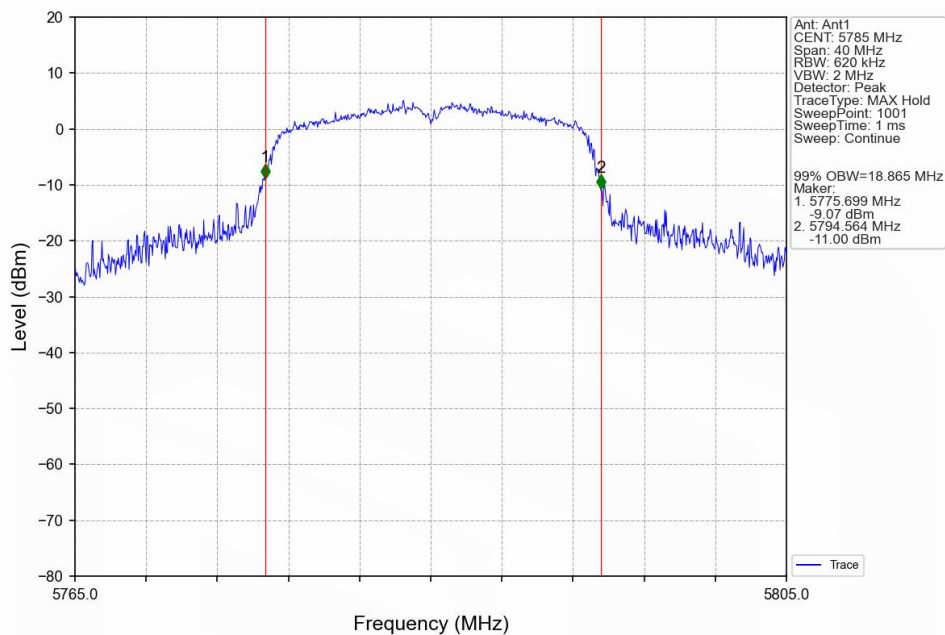
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



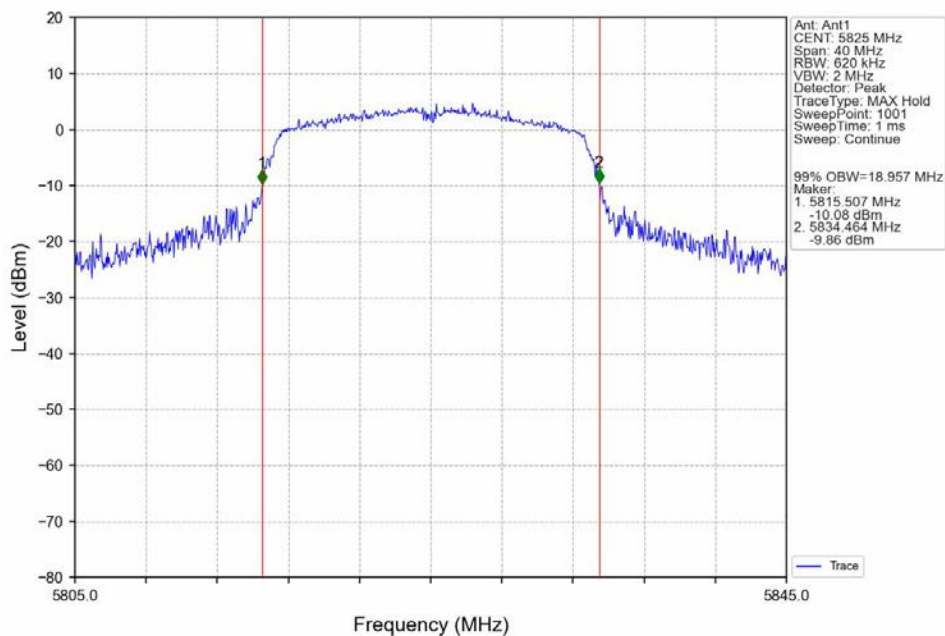
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



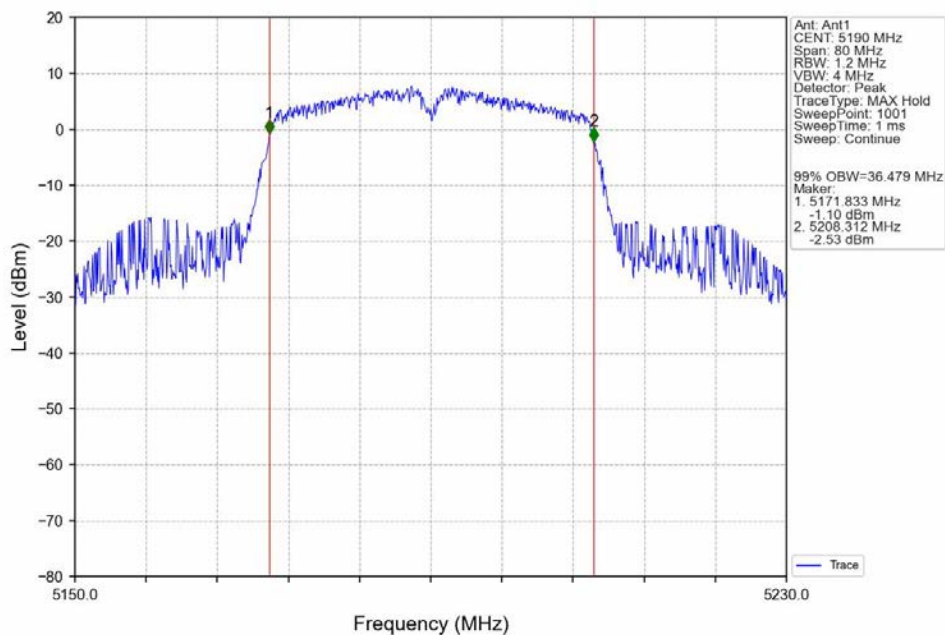
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



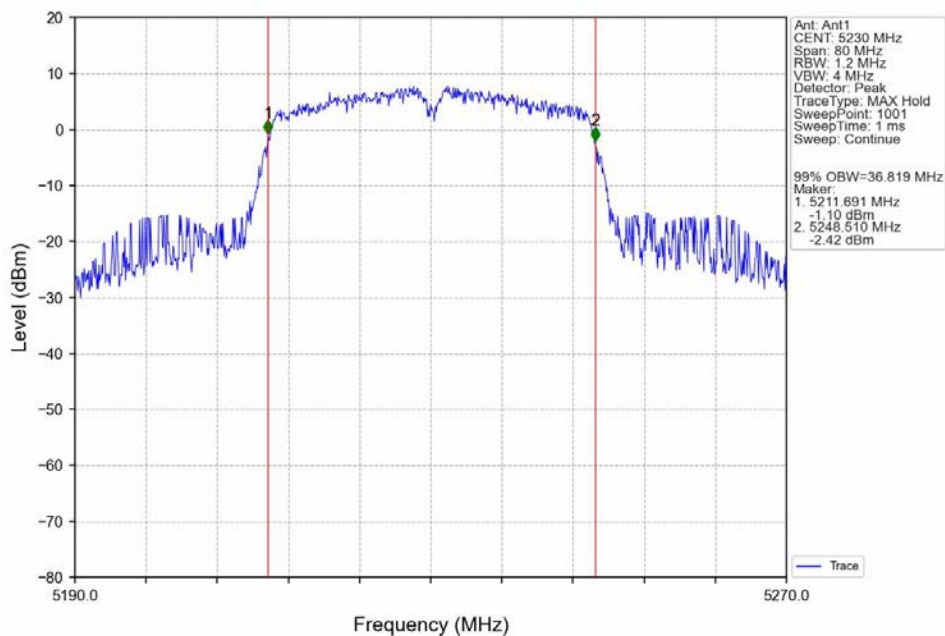
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



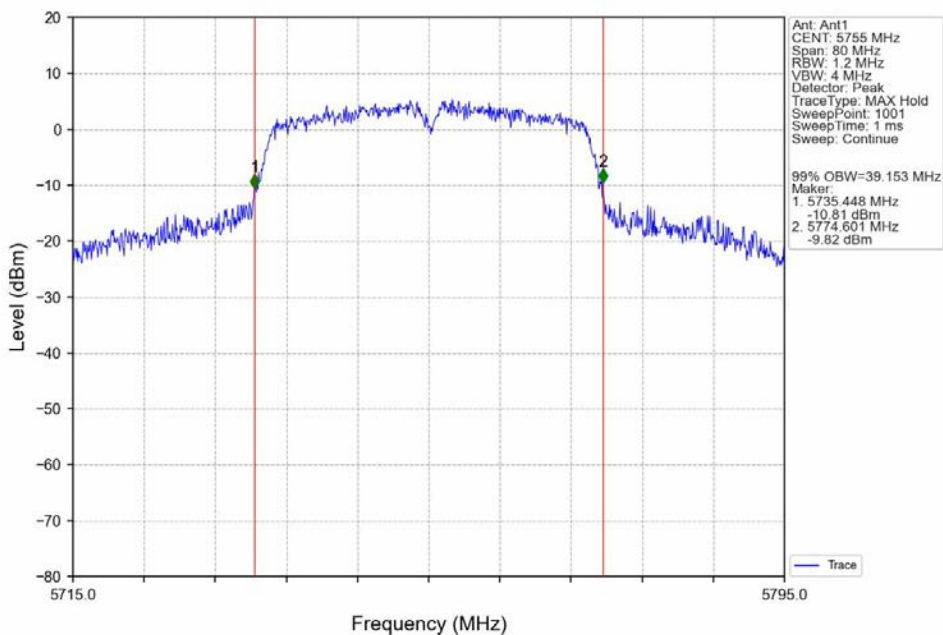
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



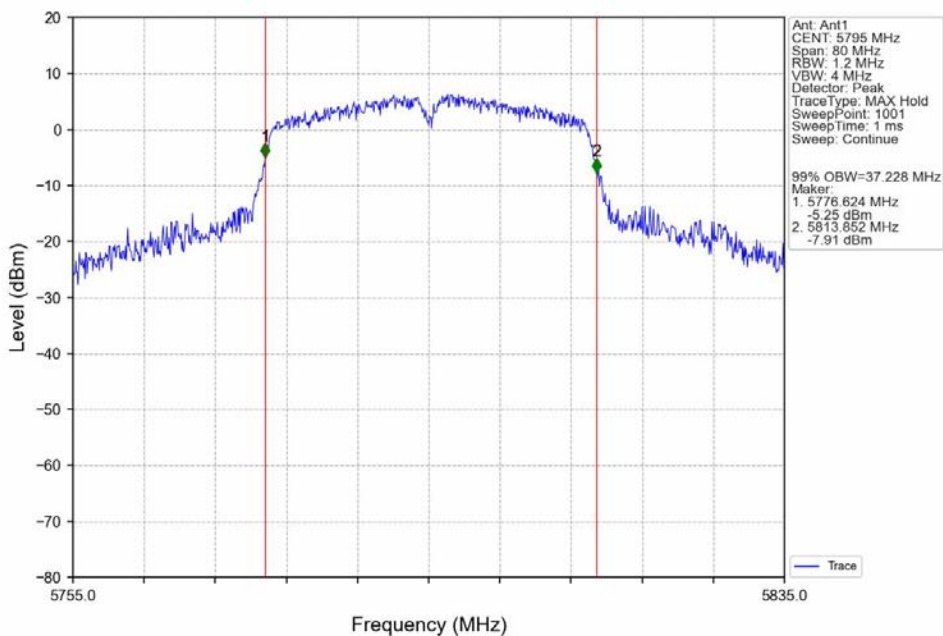
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



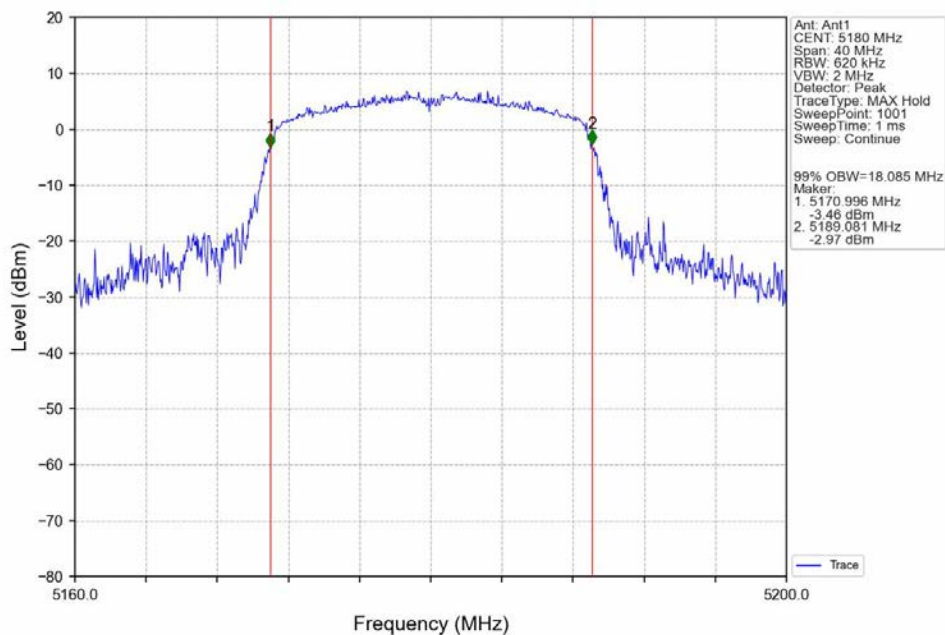
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



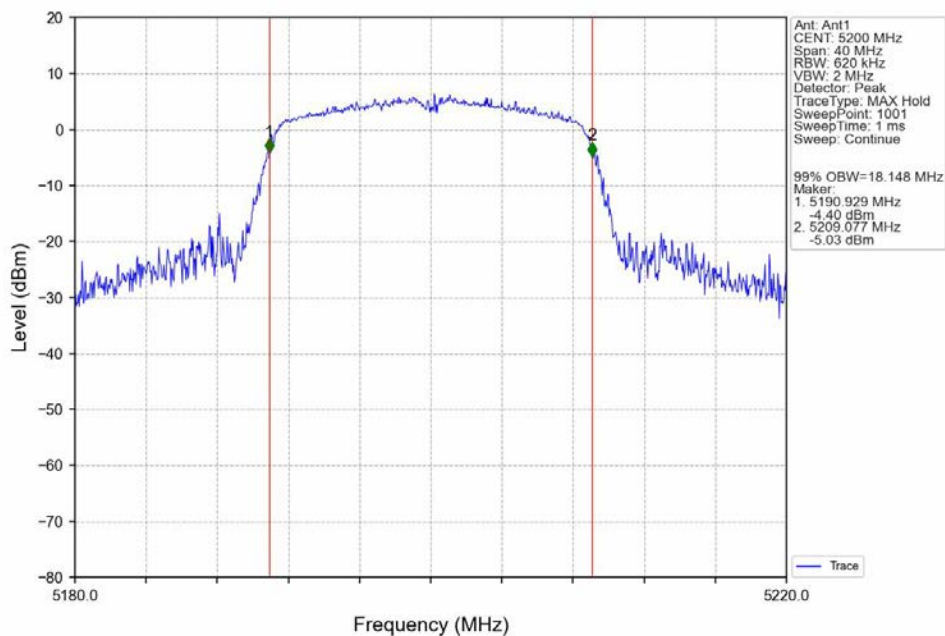
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



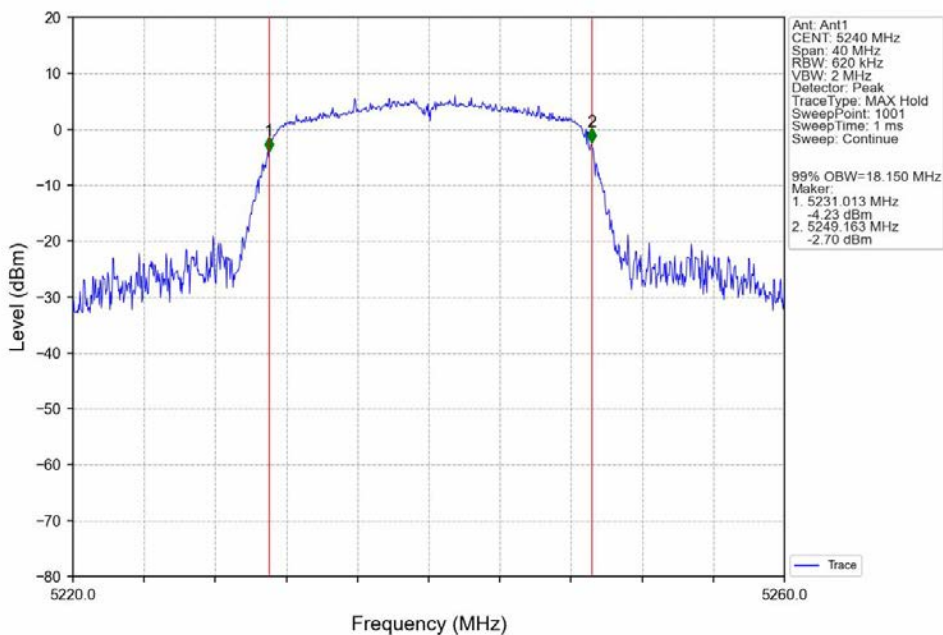
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



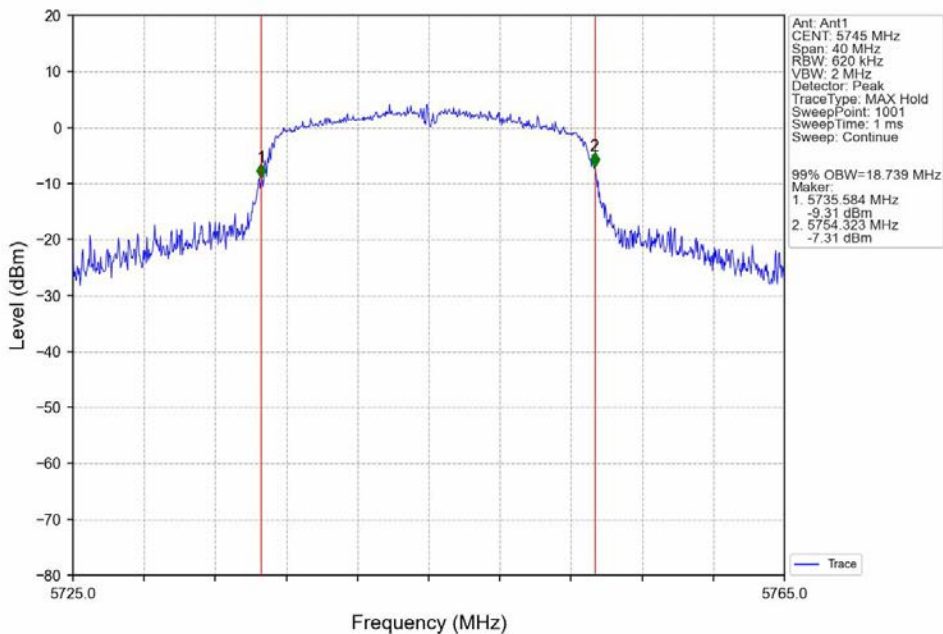
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



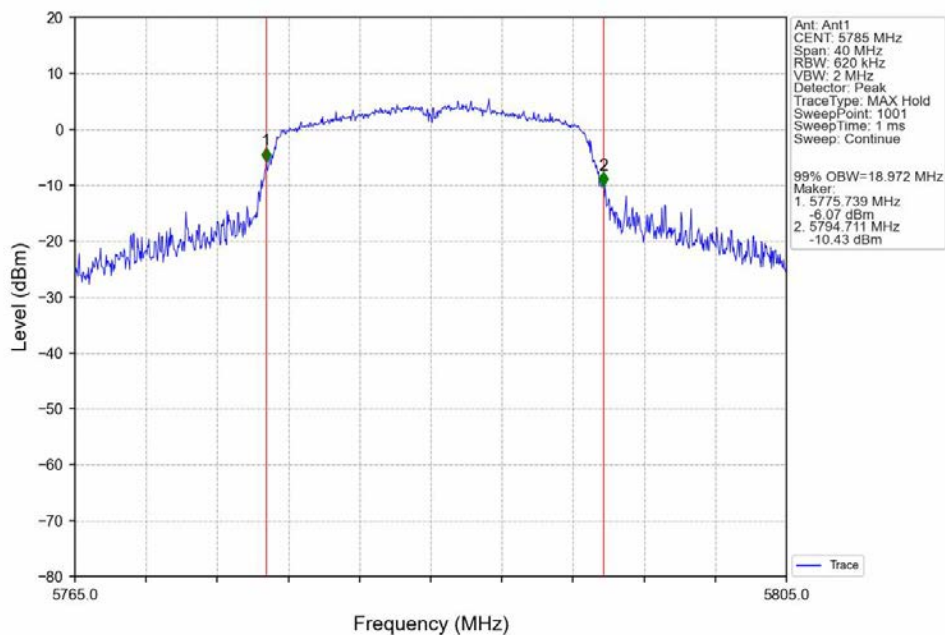
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



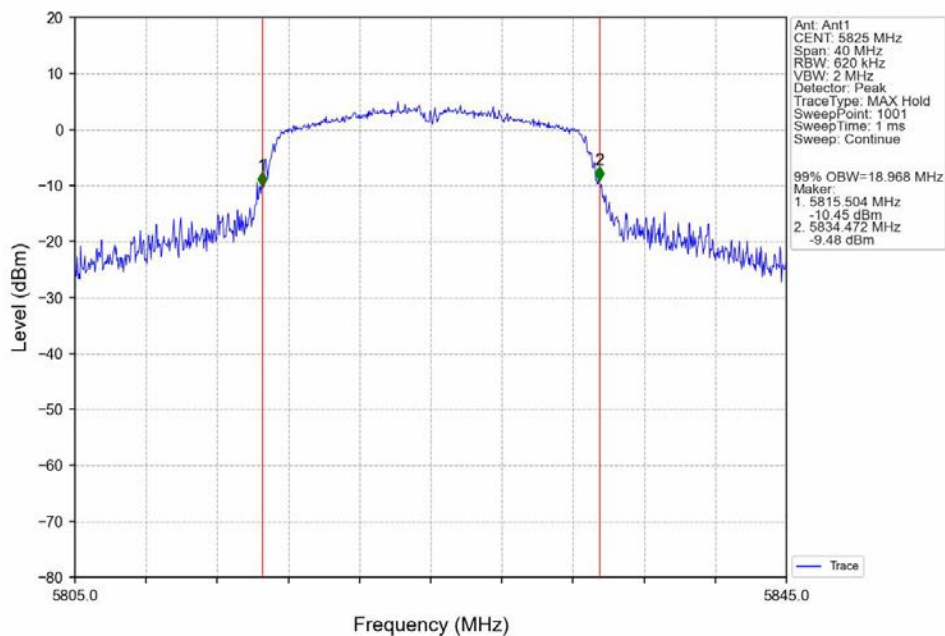
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



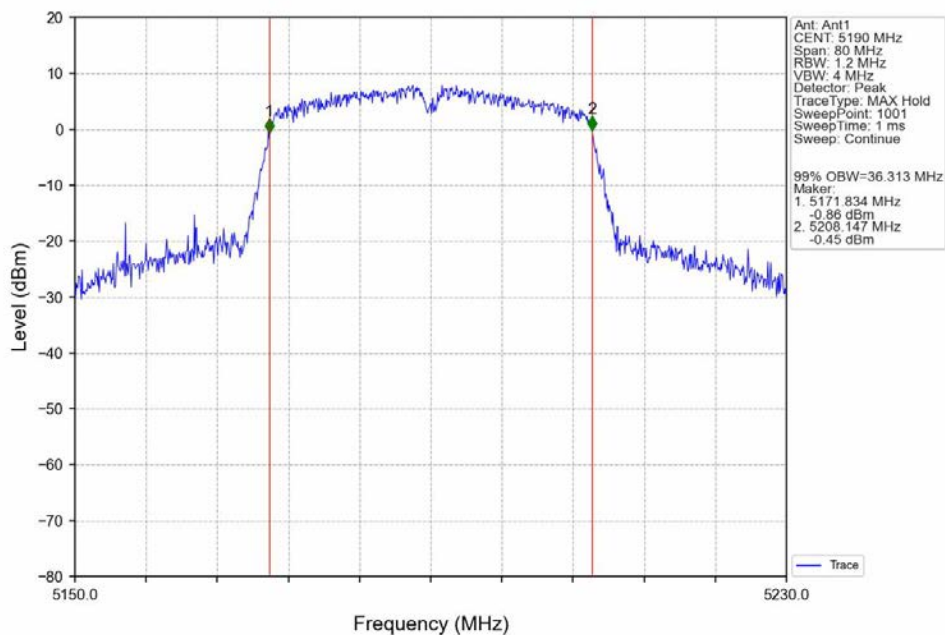
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



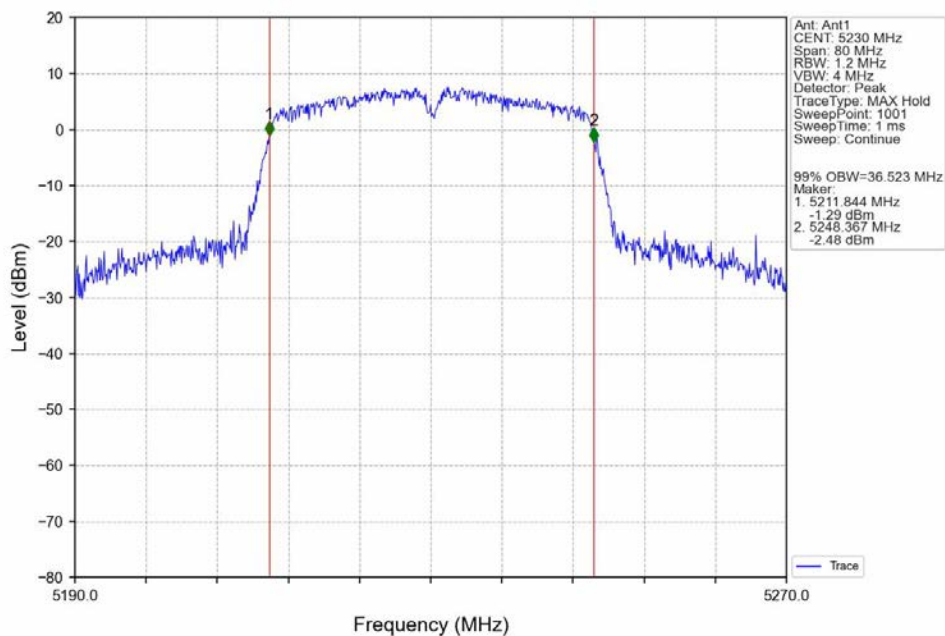
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



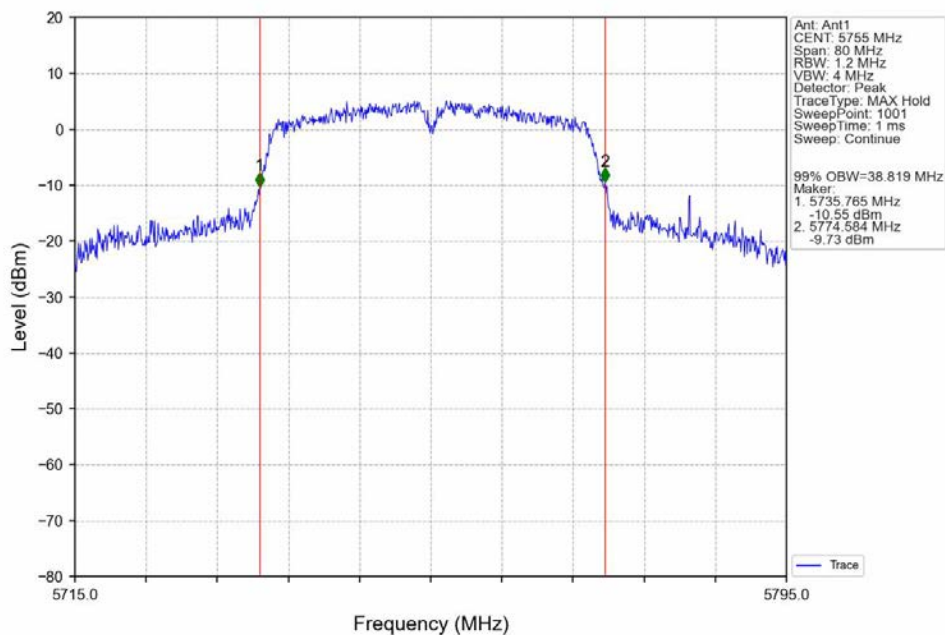
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



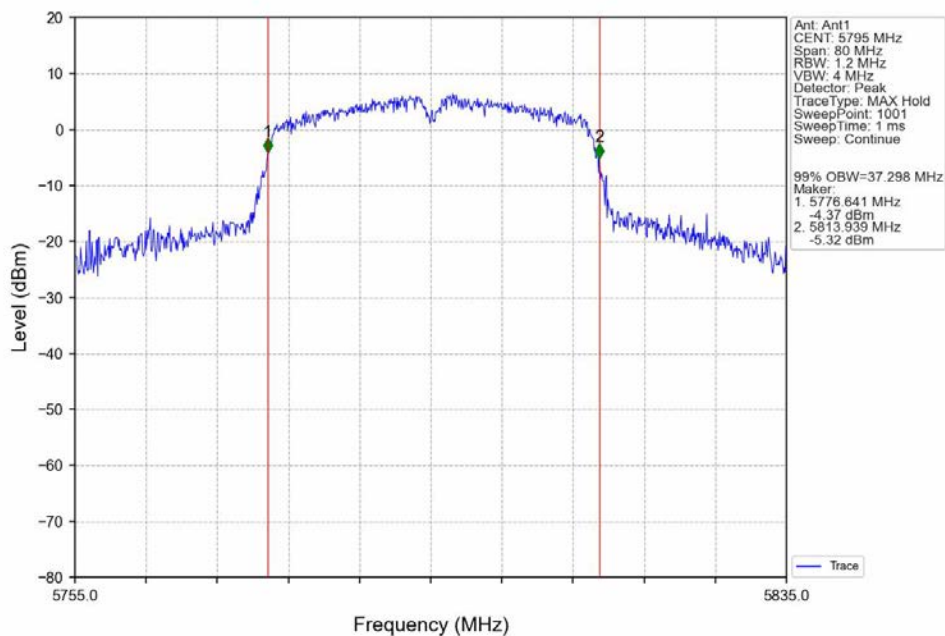
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



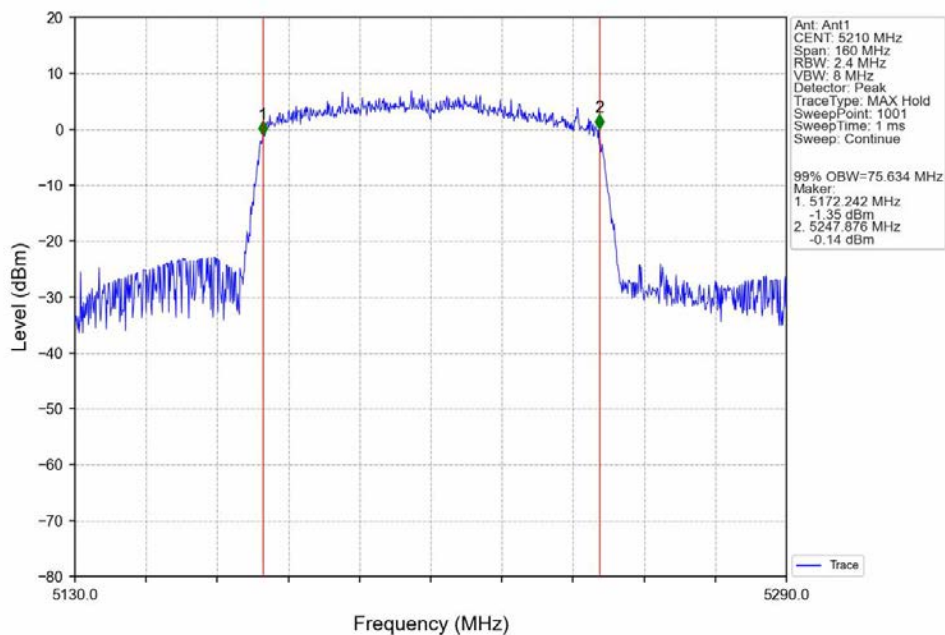
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



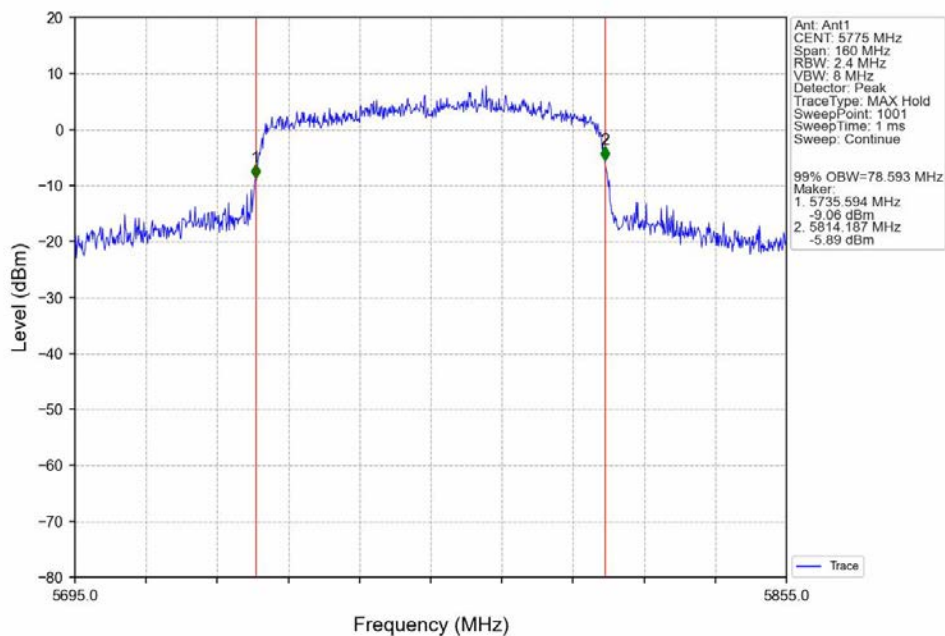
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



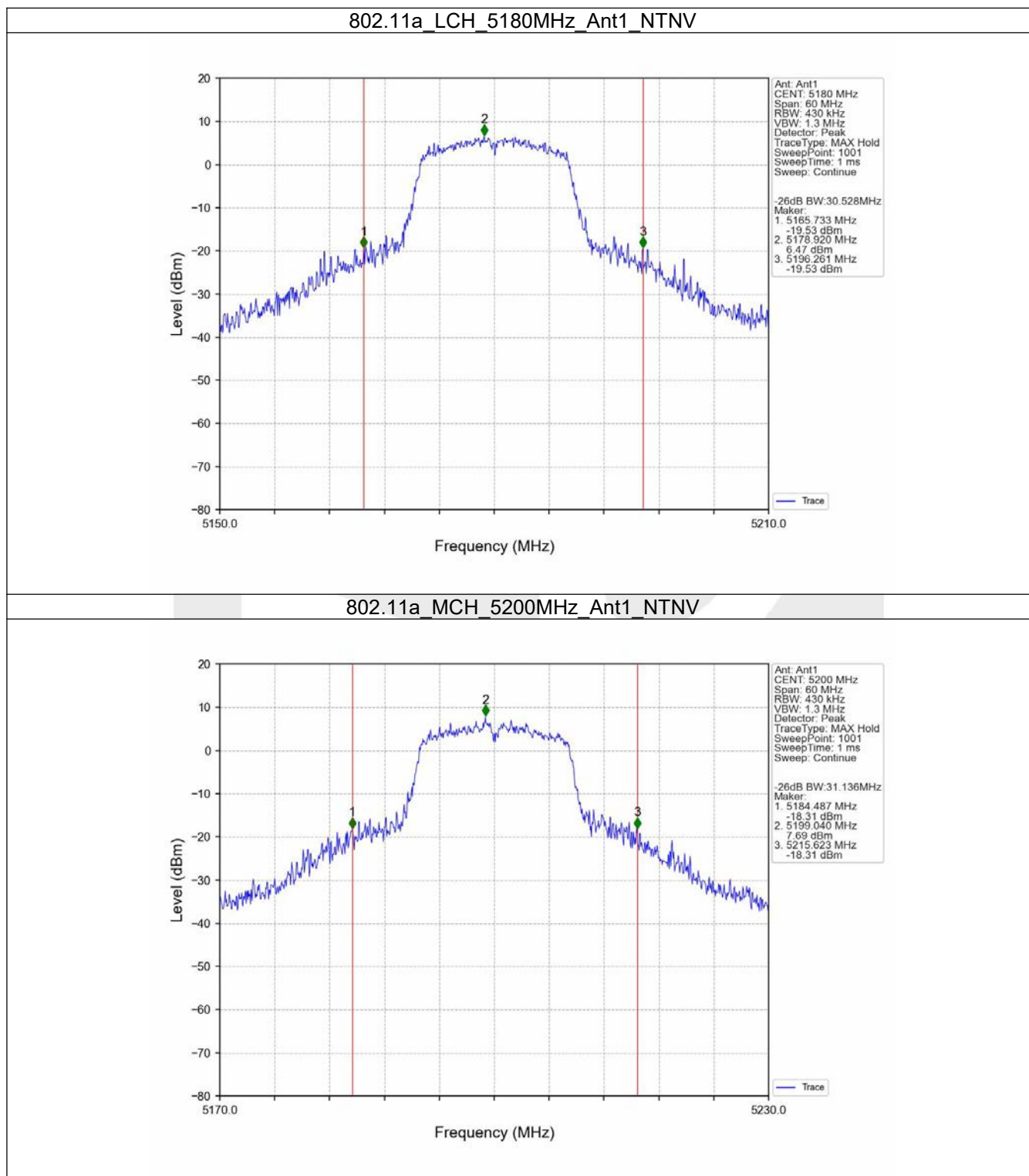
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



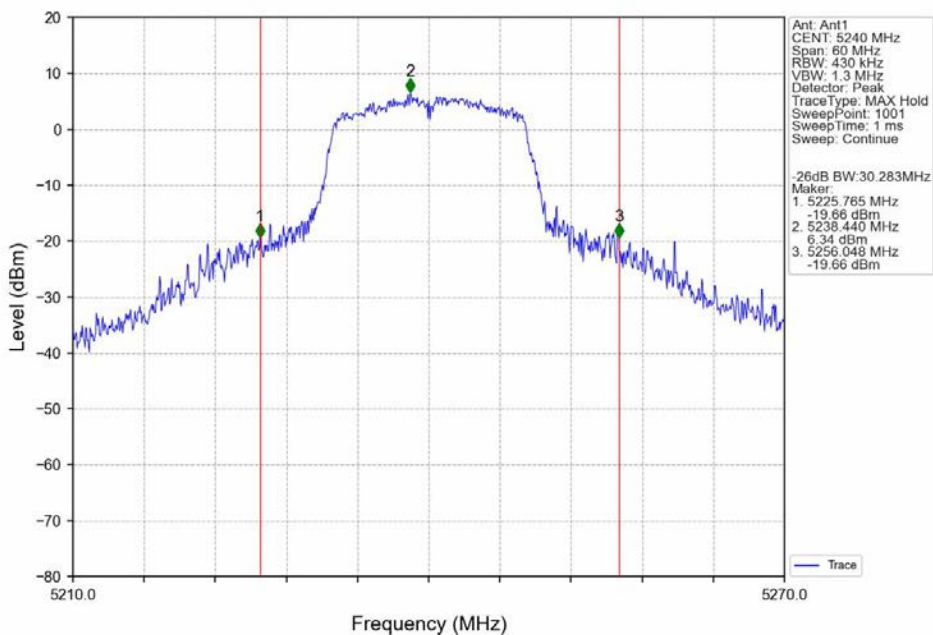
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



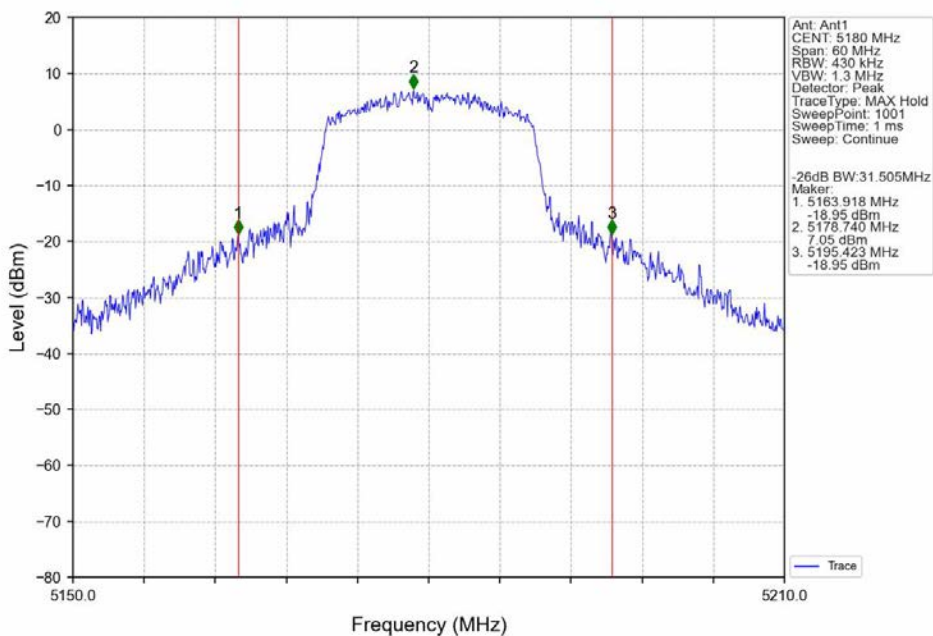
2.2.2 26dB BW



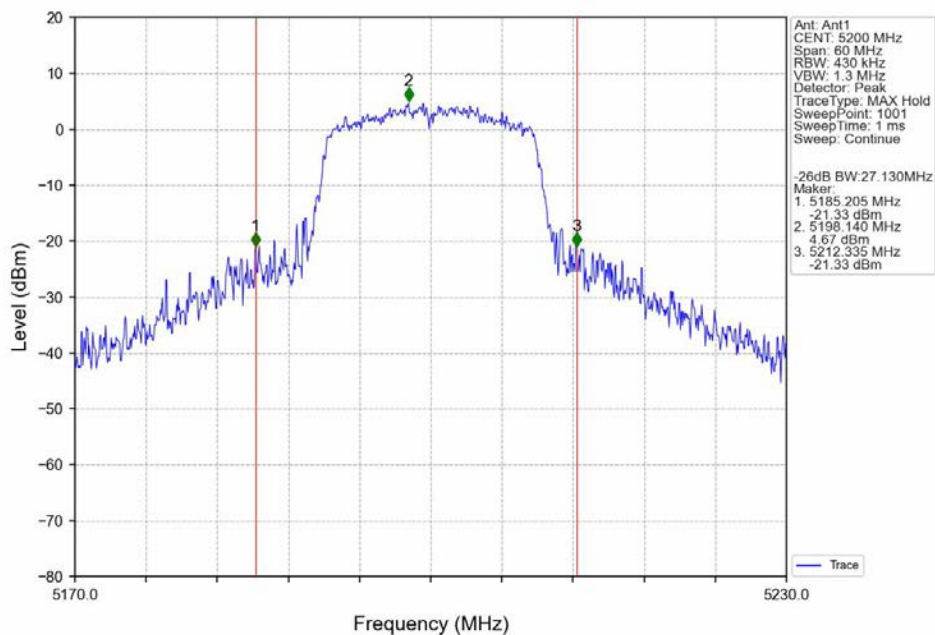
802.11a_HCH_5240MHz_Ant1_NTNV



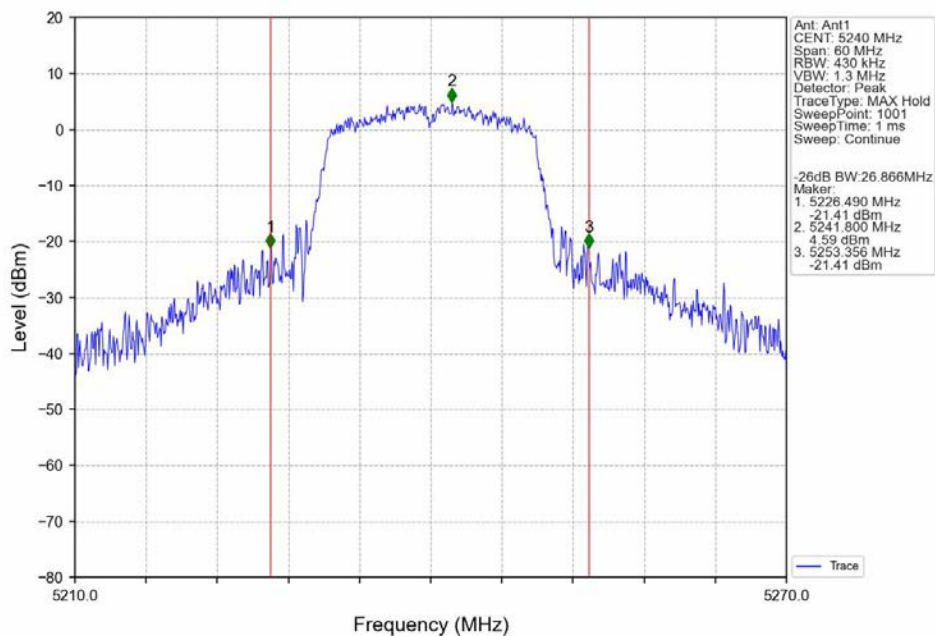
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



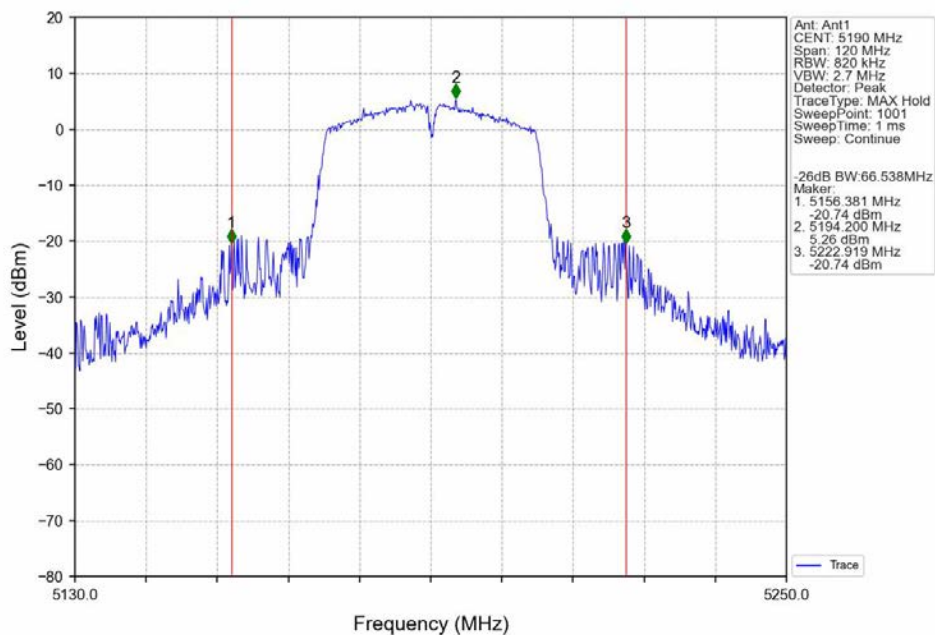
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



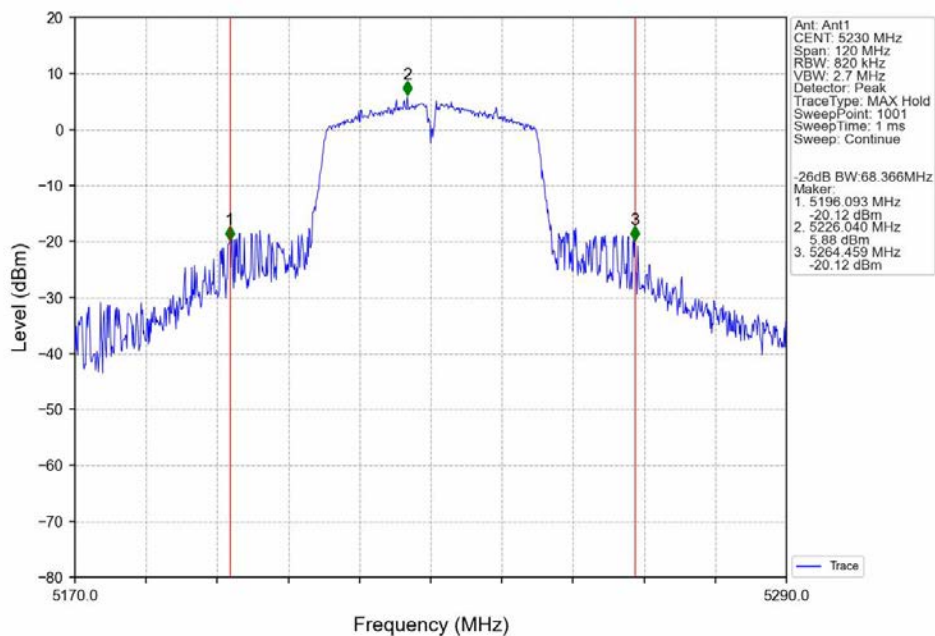
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



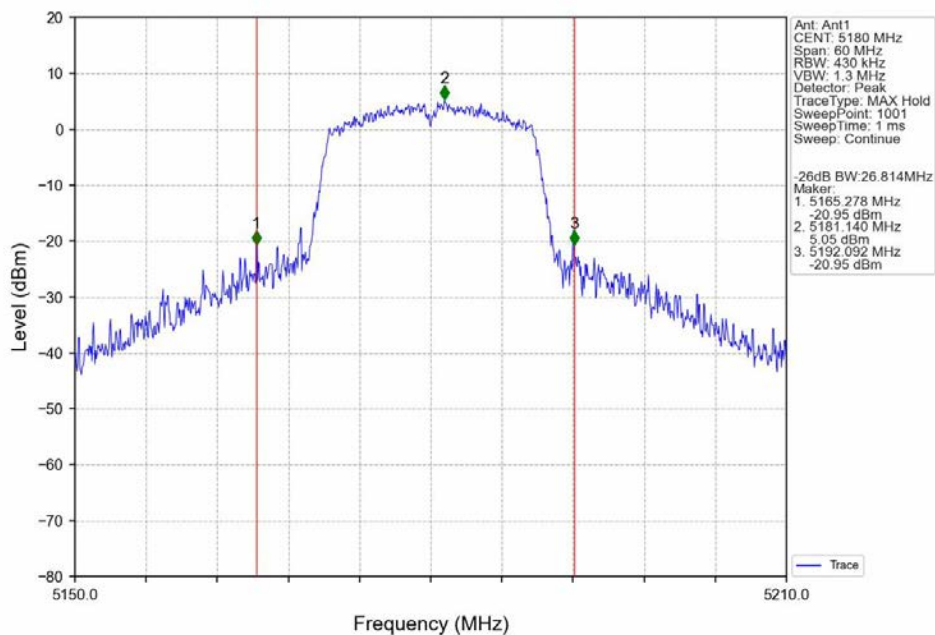
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



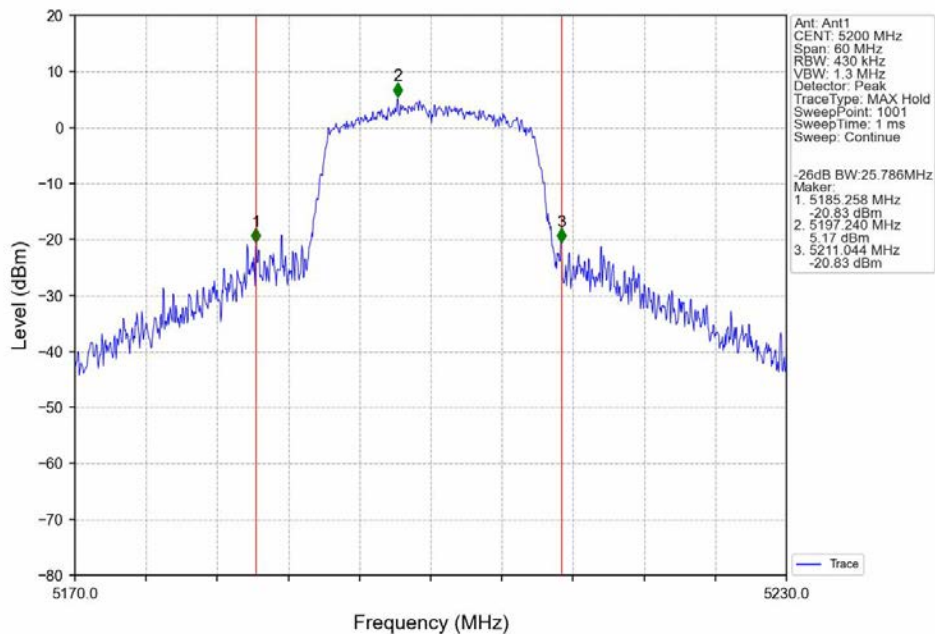
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



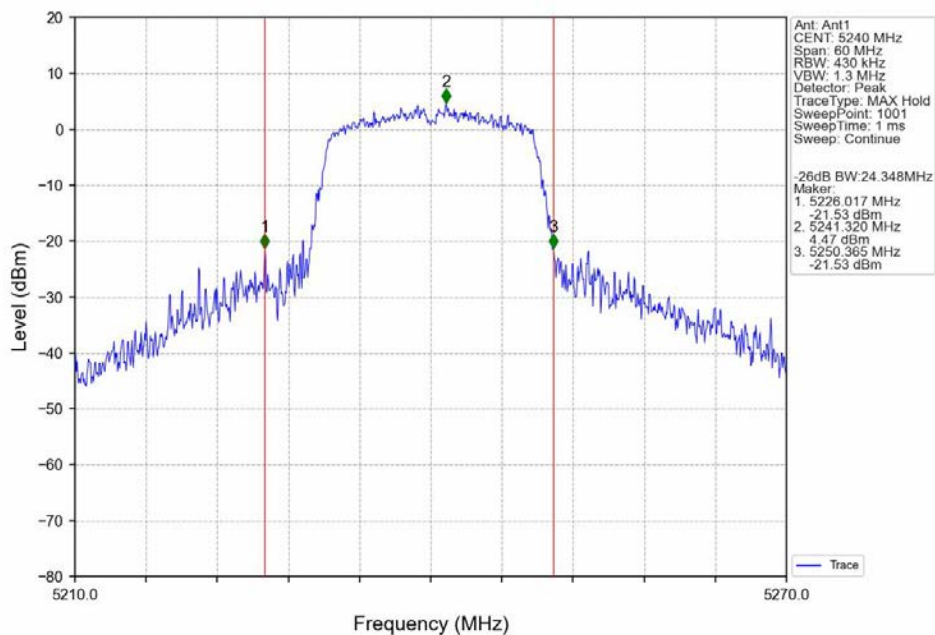
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



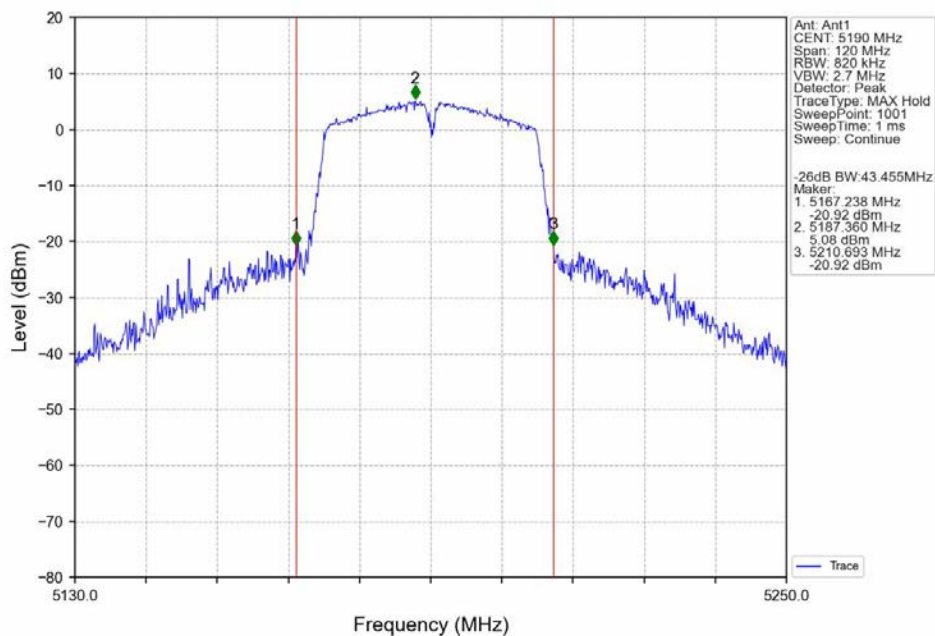
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



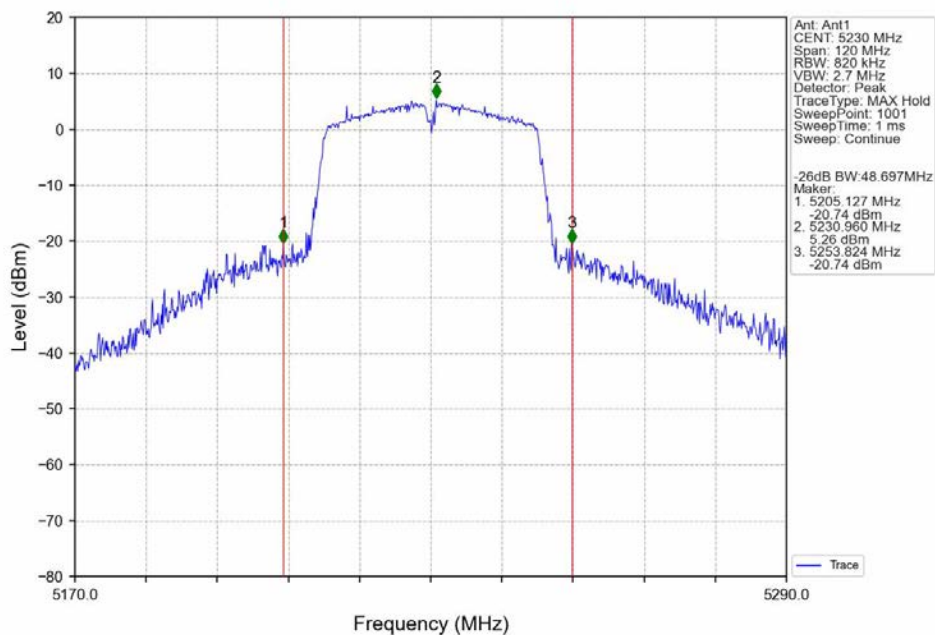
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



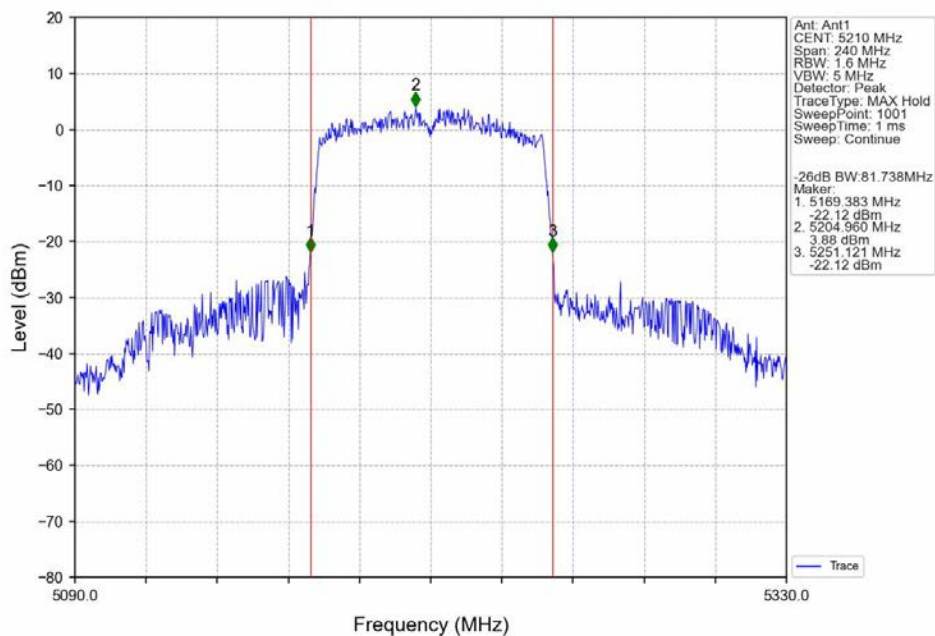
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



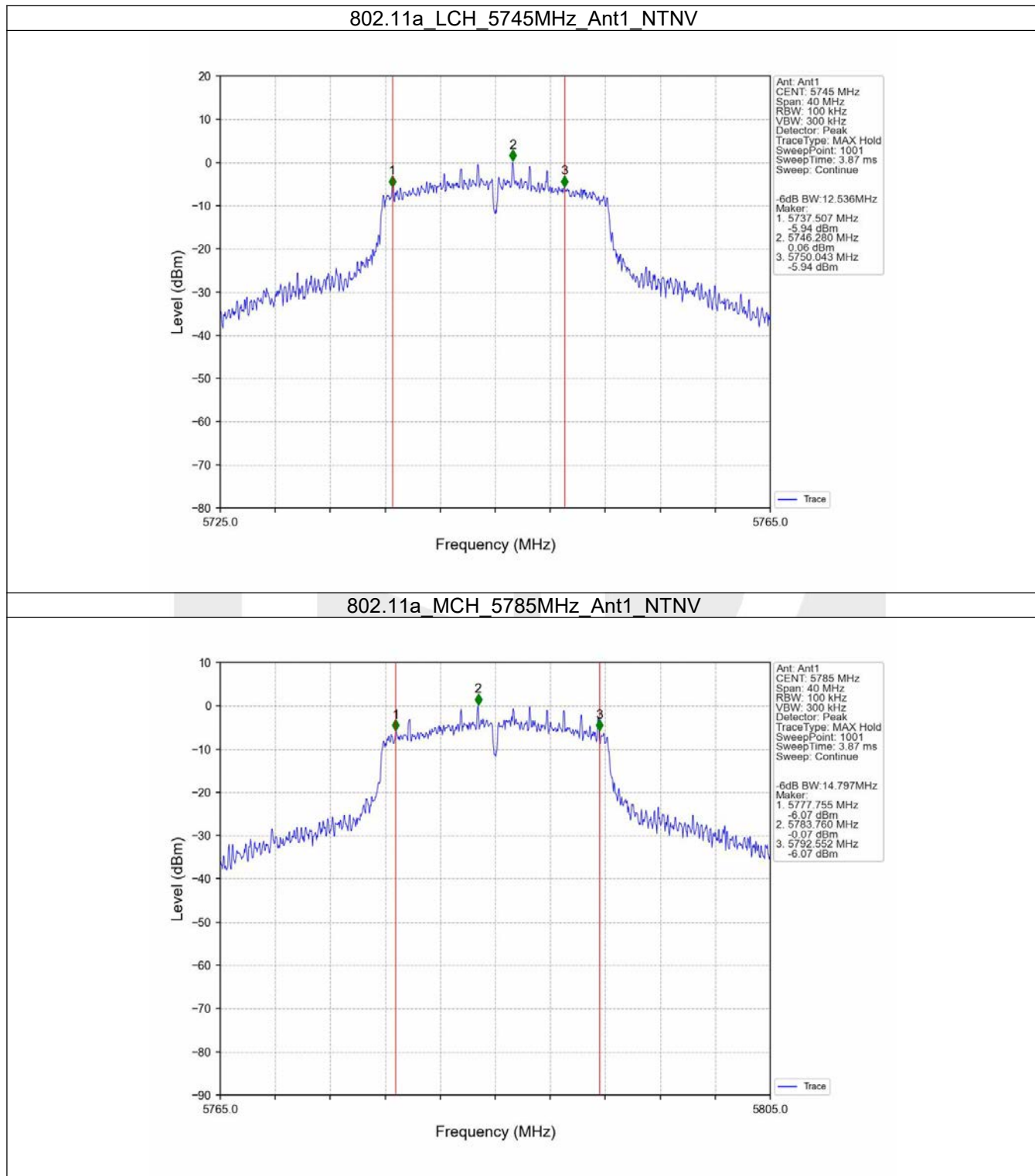
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

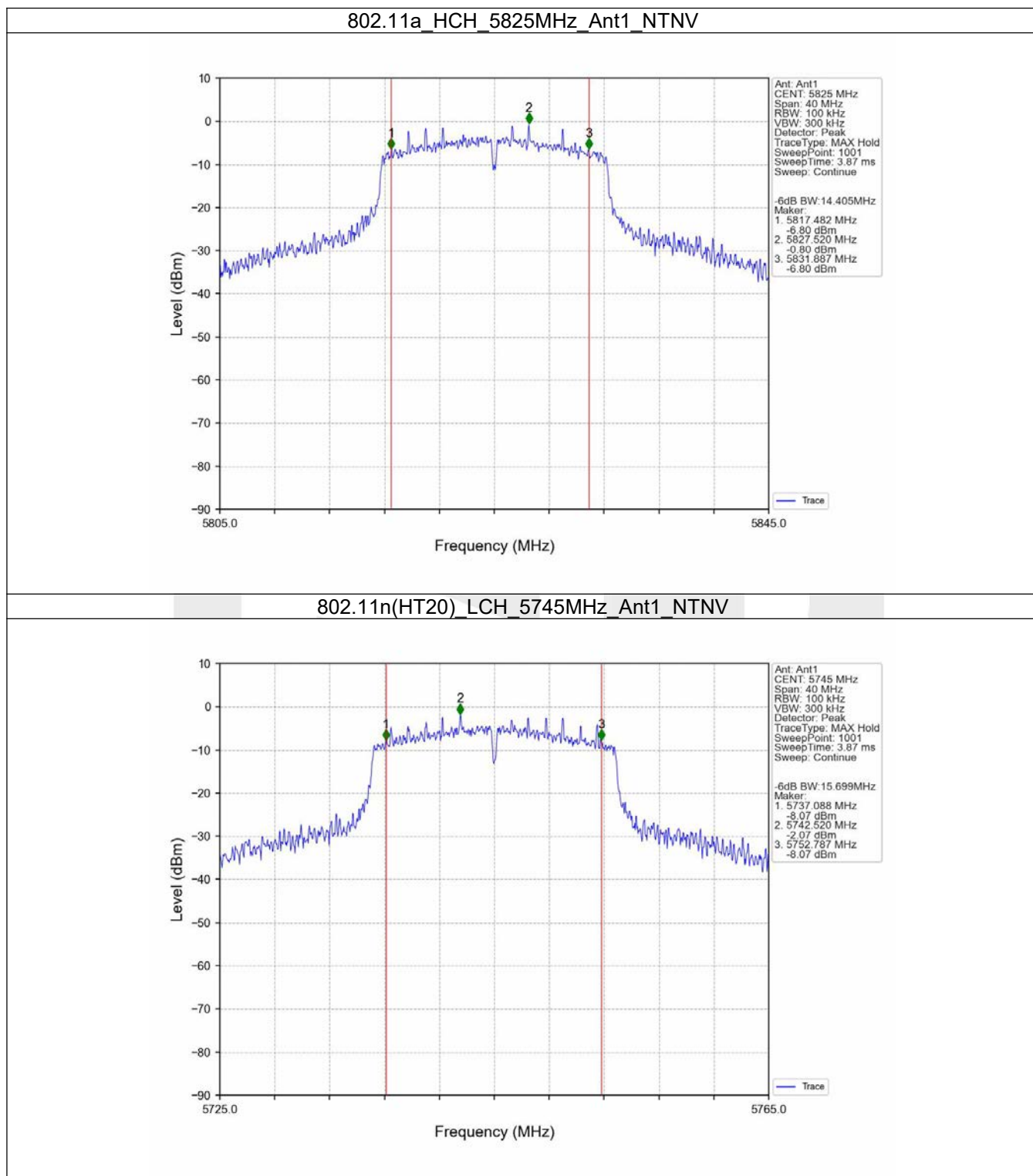


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

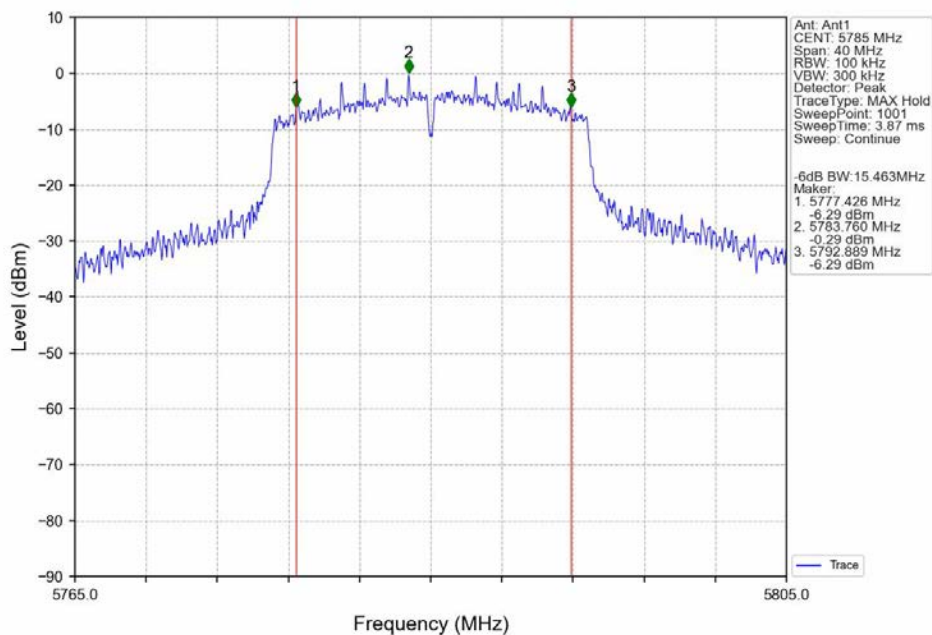


2.2.3 6dB BW

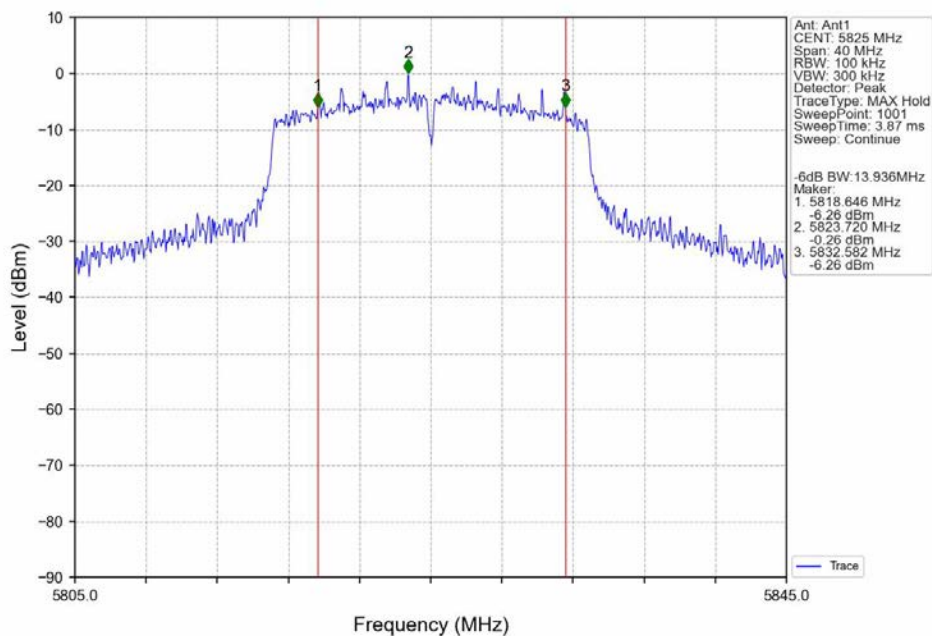




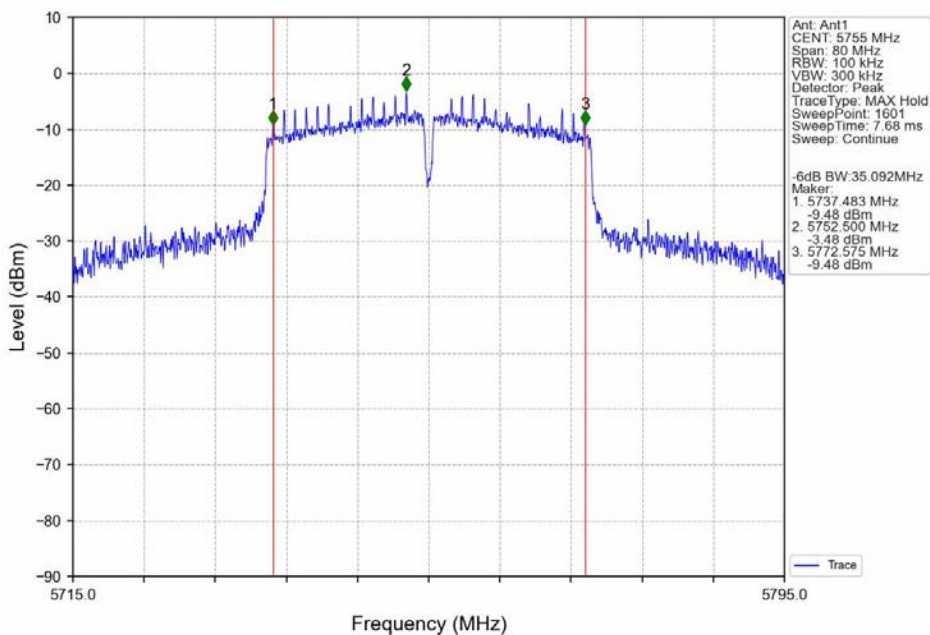
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



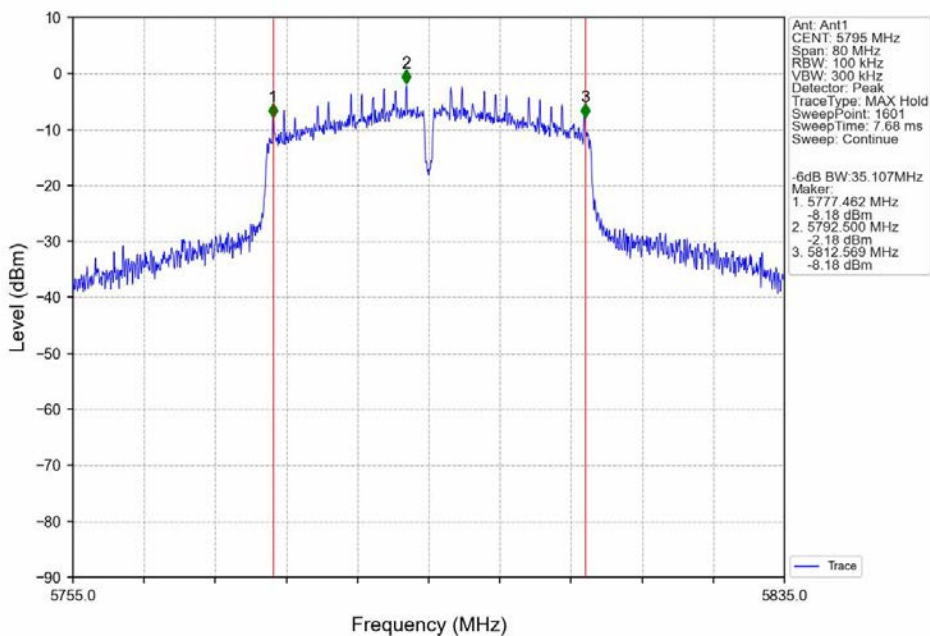
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



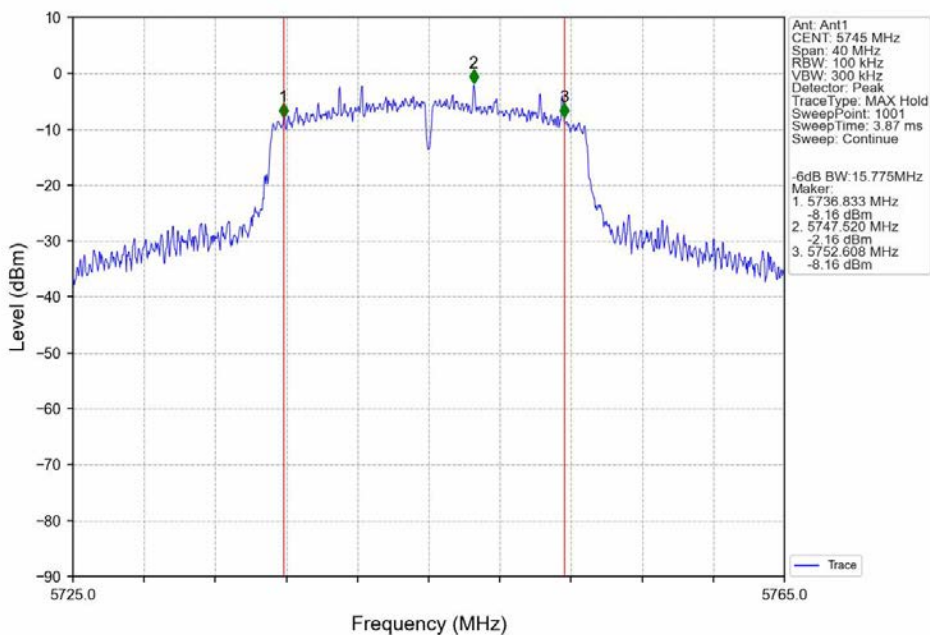
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



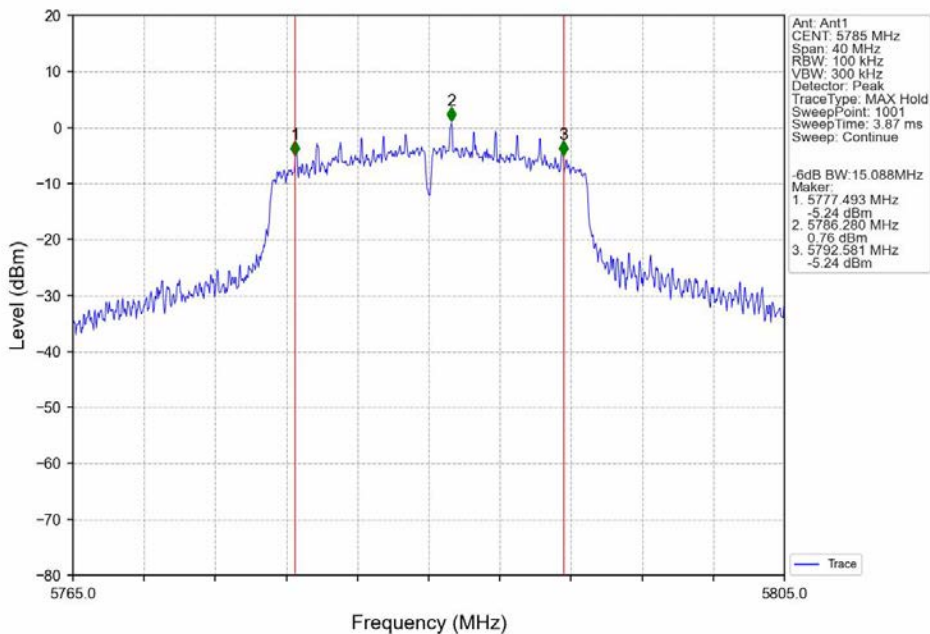
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



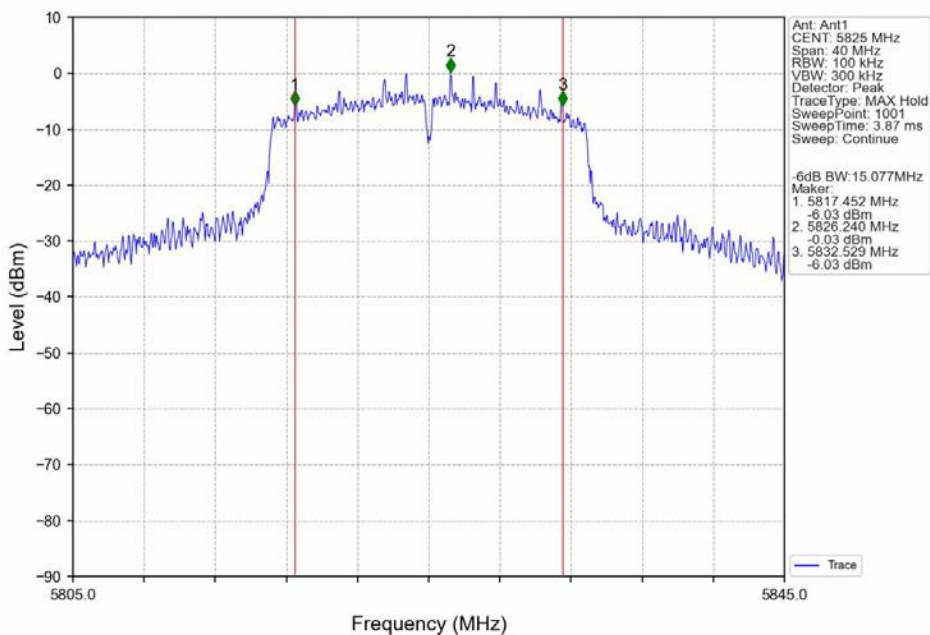
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



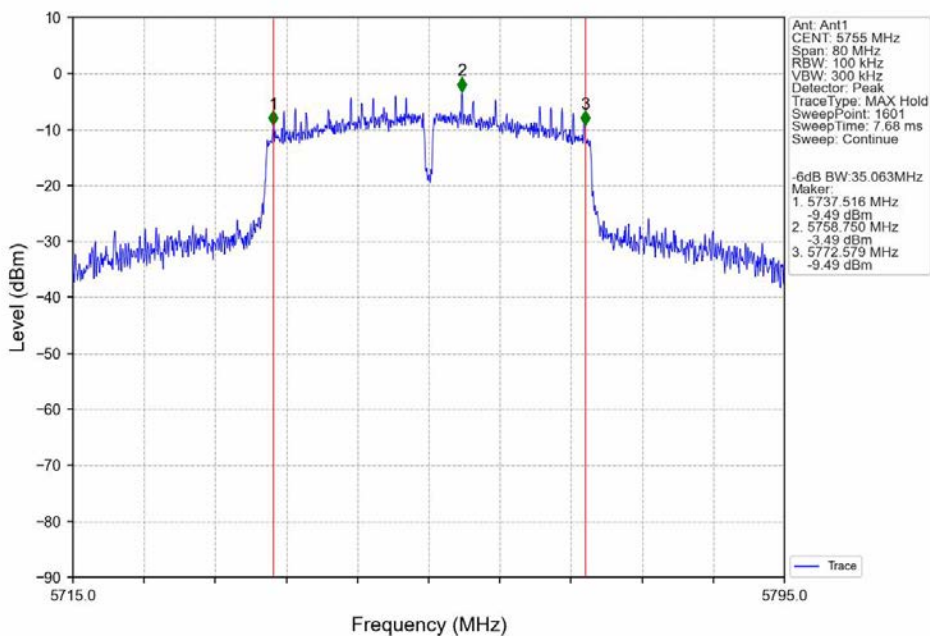
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



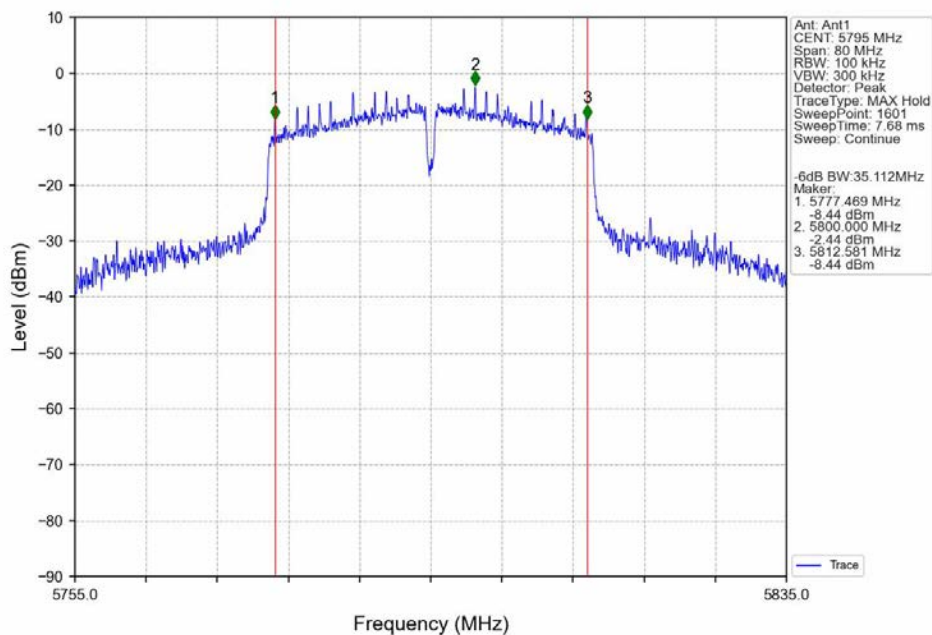
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



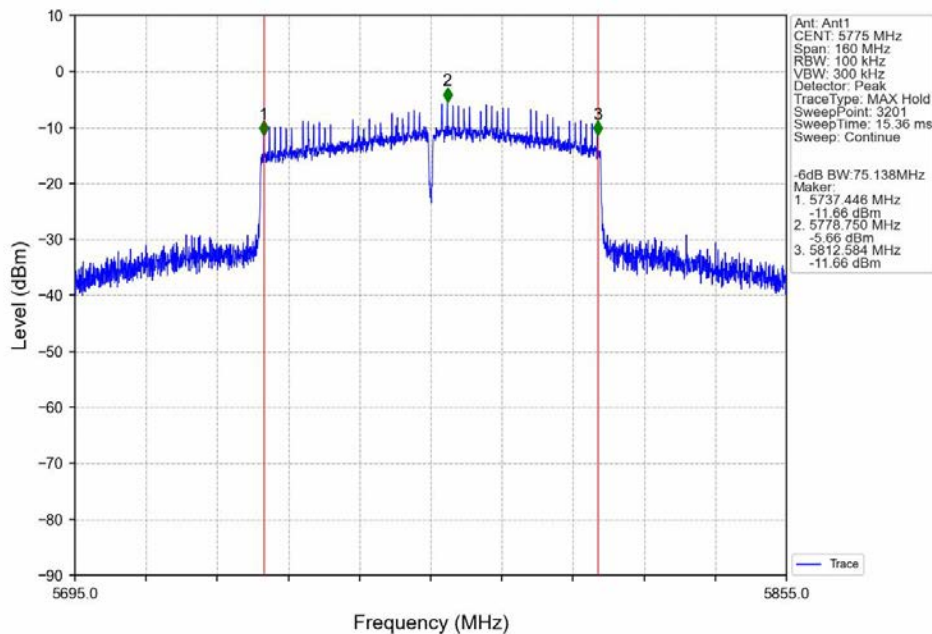
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



3. Maximum Conducted Output Power

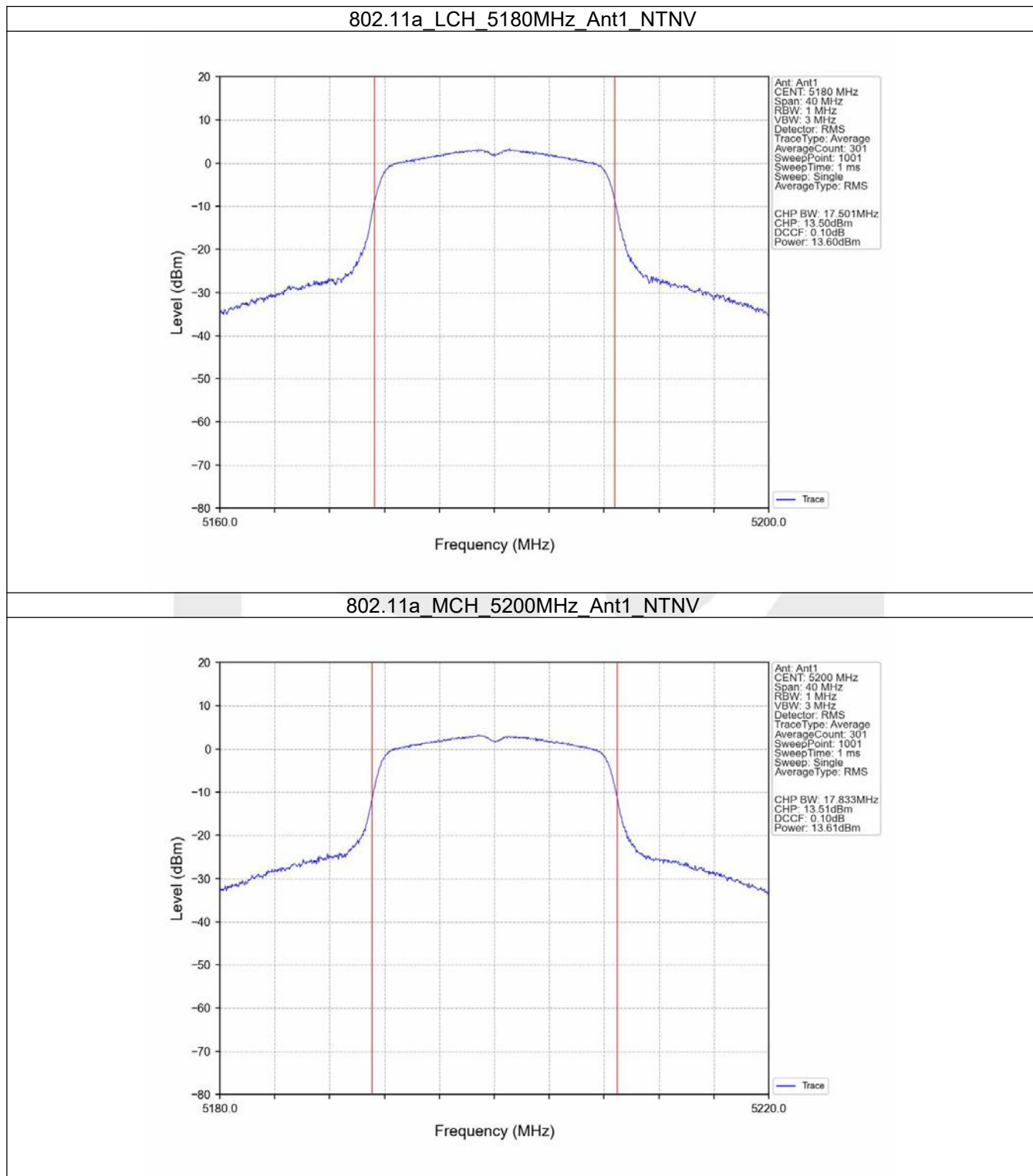
3.1 Test Result

3.1.1 Power

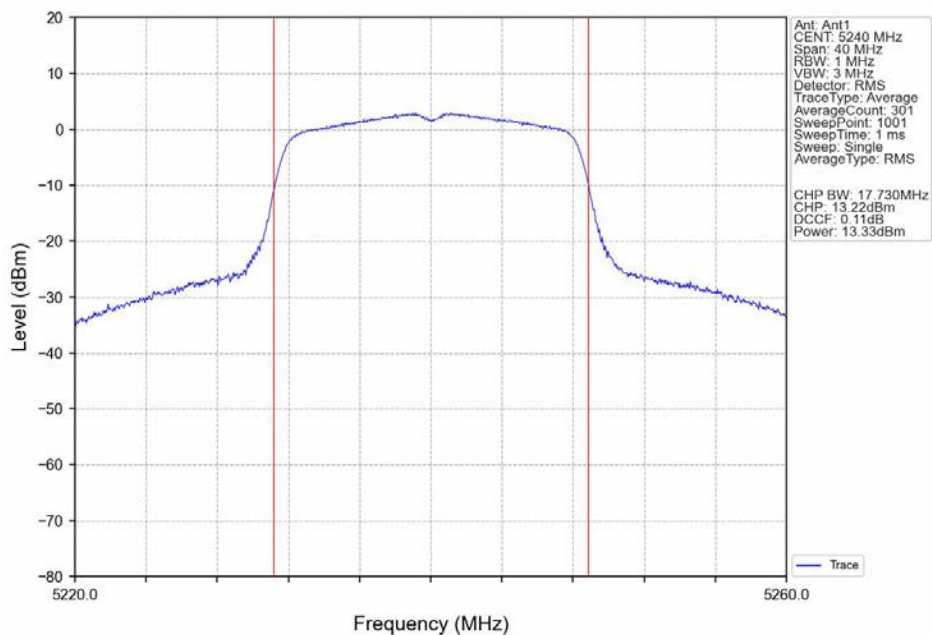
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	13.60	<=23.98	Pass
		5200	13.61	<=23.98	Pass
		5240	13.33	<=23.98	Pass
		5745	9.62	<=30	Pass
		5785	10.18	<=30	Pass
		5825	9.83	<=30	Pass
802.11n (HT20)	SISO	5180	13.98	<=23.98	Pass
		5200	11.69	<=23.98	Pass
		5240	11.63	<=23.98	Pass
		5745	9.16	<=30	Pass
		5785	10.16	<=30	Pass
		5825	9.77	<=30	Pass
802.11n (HT40)	SISO	5190	11.52	<=23.98	Pass
		5230	11.83	<=23.98	Pass
		5755	9.42	<=30	Pass
		5795	10.28	<=30	Pass
802.11ac (VHT20)	SISO	5180	12.06	<=23.98	Pass
		5200	11.61	<=23.98	Pass
		5240	11.14	<=23.98	Pass
		5745	9.19	<=30	Pass
		5785	10.21	<=30	Pass
		5825	9.78	<=30	Pass
802.11ac (VHT40)	SISO	5190	11.93	<=23.98	Pass
		5230	11.78	<=23.98	Pass
		5755	9.48	<=30	Pass
		5795	10.38	<=30	Pass
802.11ac (VHT80)	SISO	5210	9.37	<=23.98	Pass
		5775	9.36	<=30	Pass
Note1: Antenna Gain: - Band: 3 Ant1: 1.11dBi; - Band: 1 Ant1: 1.11dBi;					

3.2 Test Graph

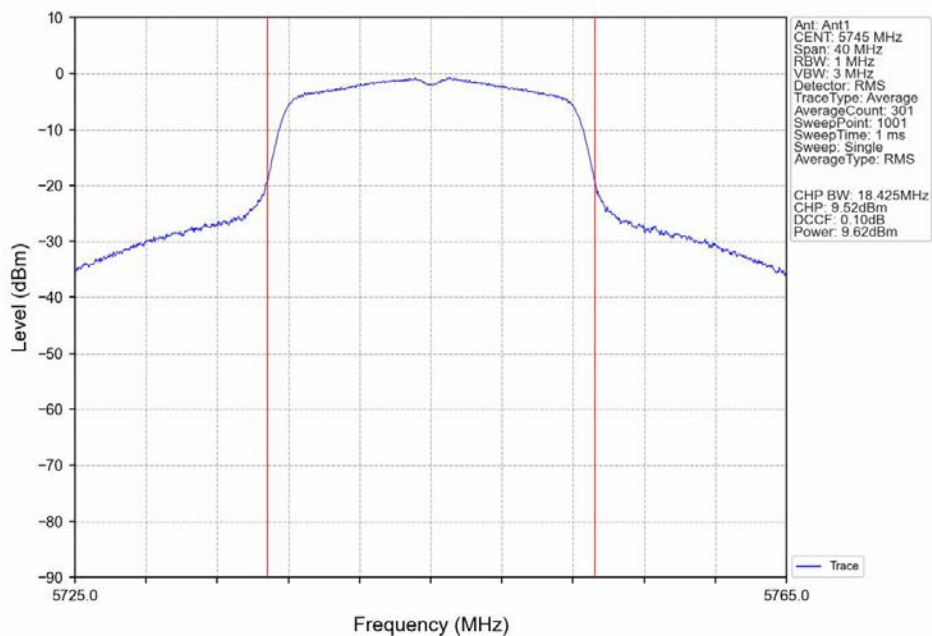
3.2.1 Power



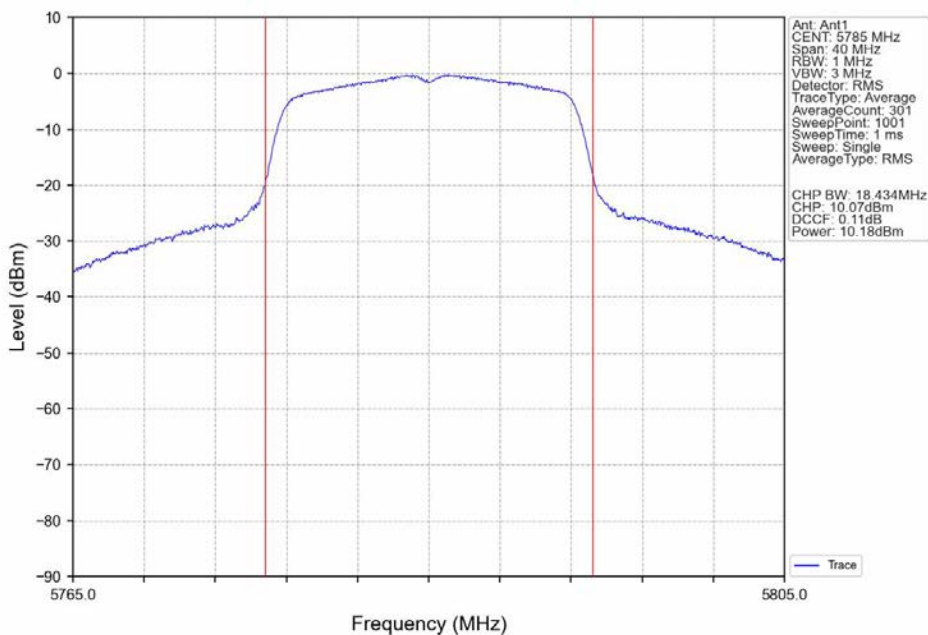
802.11a_HCH_5240MHz_Ant1_NTNV



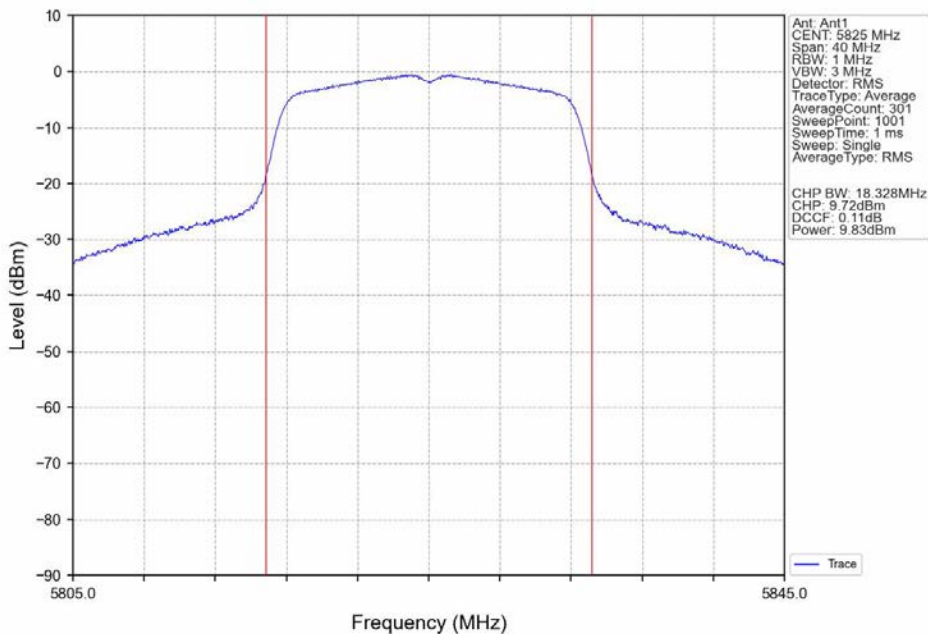
802.11a_LCH_5745MHz_Ant1_NTNV



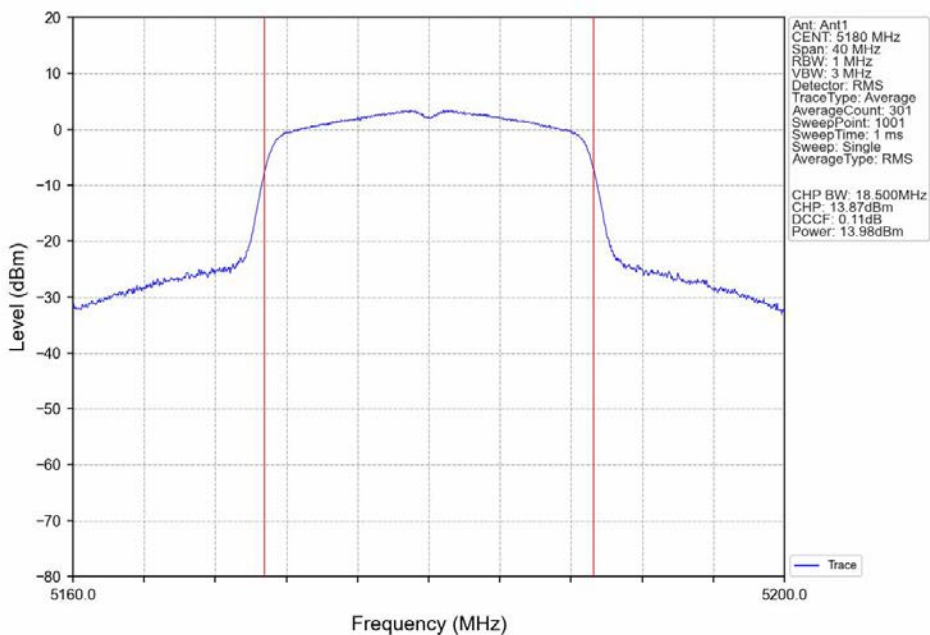
802.11a_MCH_5785MHz_Ant1_NTNV



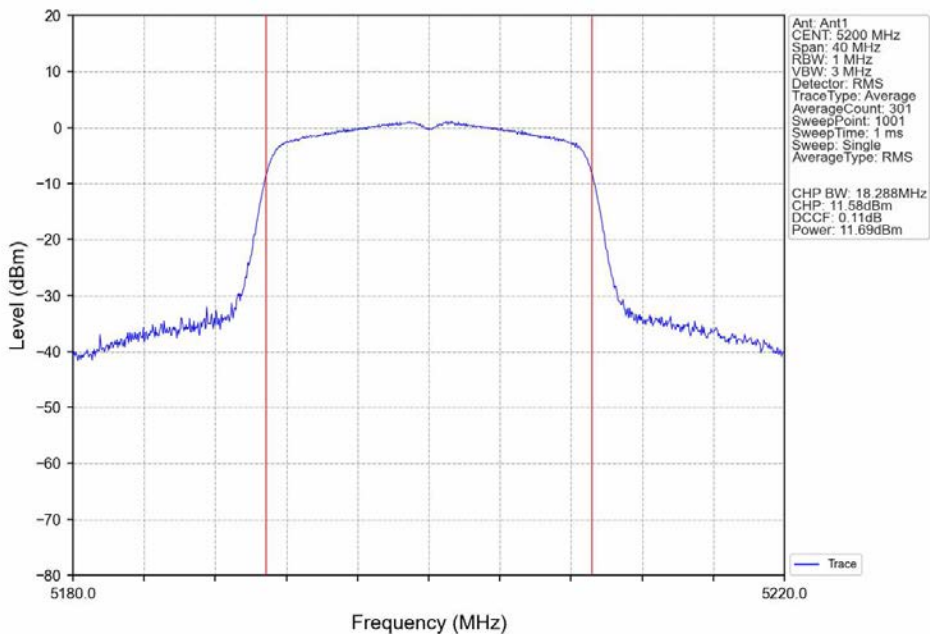
802.11a_HCH_5825MHz_Ant1_NTNV



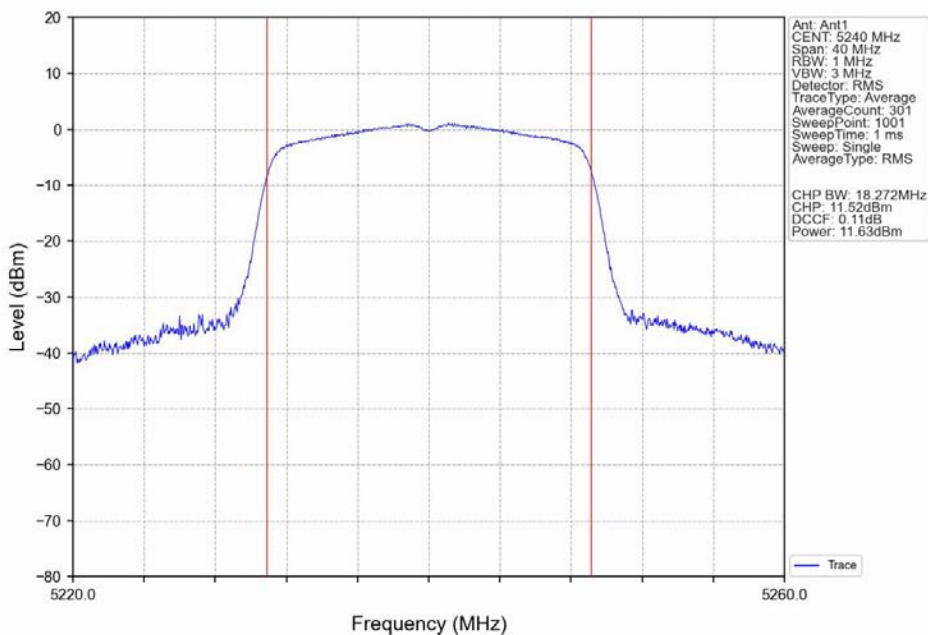
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



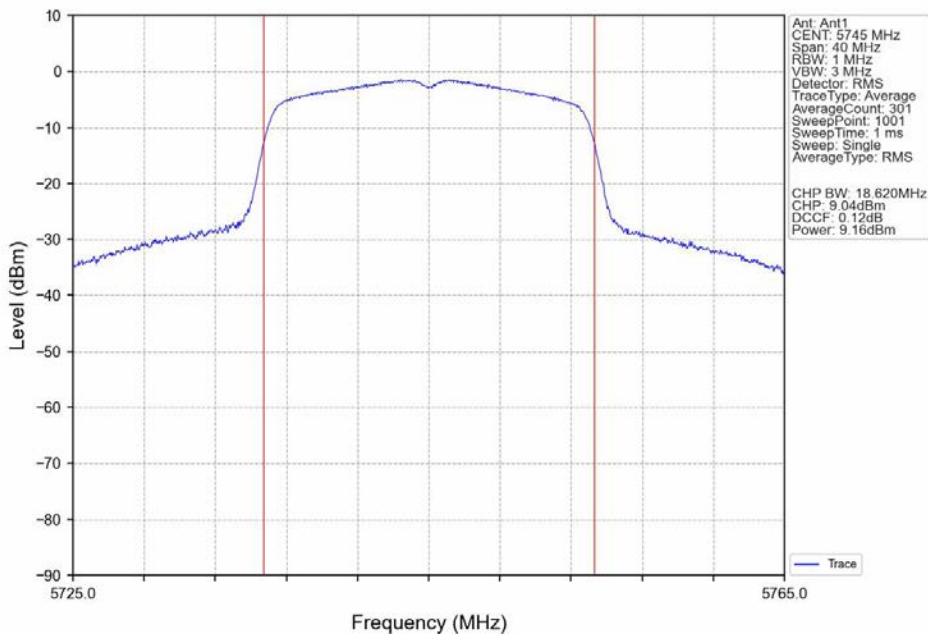
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



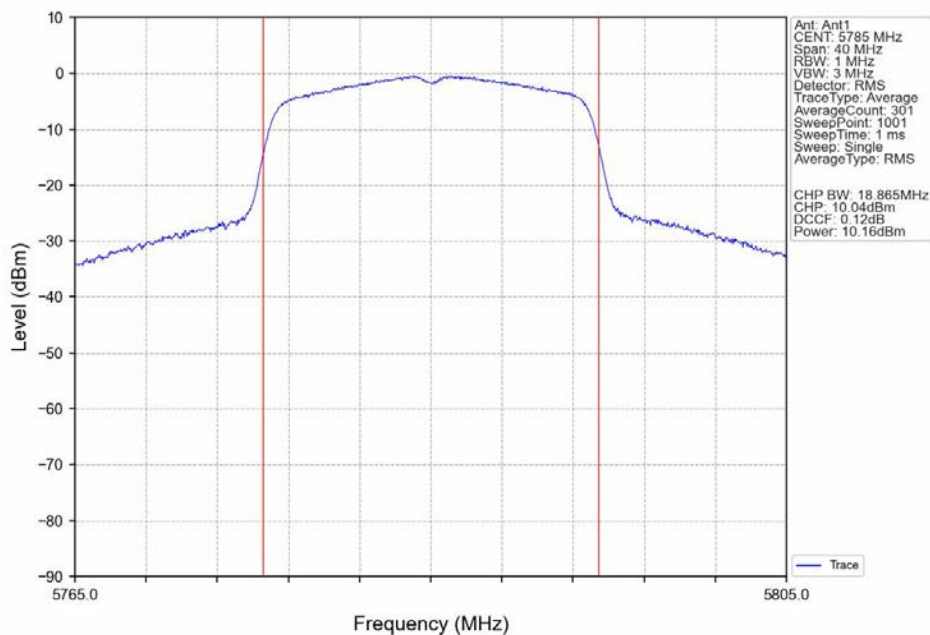
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

