

RF Test Report

For

Project No.:	ZKT-240822L10326E-3
Client:	Quantum Creations LLC.
Manufacturer:	QUTHC Limited
Product Description:	Mini PC Stick
Model :	A4P0AL
Test Engineer:	Jim Liu
Test Date:	2024-10-30

Test Summary

Item	Result
Duty Cycle	Pass
Bandwidth	Pass
Maximum Conducted Output Power	Pass
Maximum Power Spectral Density	Pass
Frequency Stability	Pass
Form731	Pass

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

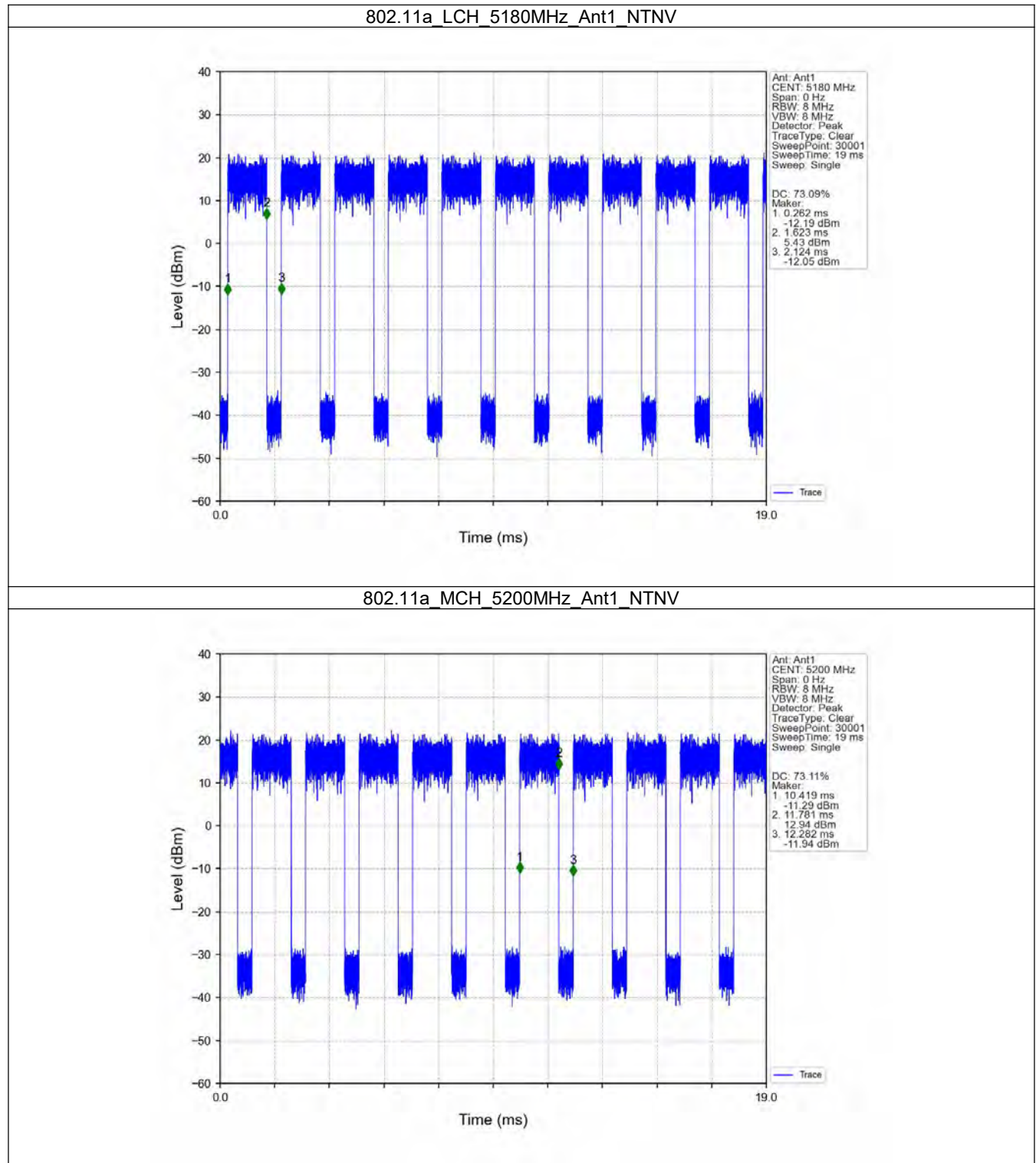
Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.361	1.862	73.09	1.36	0.03
		5200	/	/	1.362	1.863	73.11	1.36	0.03
		5240	/	/	1.361	1.862	73.09	1.36	0.03
		5745	/	/	1.273	1.774	71.76	1.44	0.03
		5785	/	/	1.274	1.775	71.77	1.44	0.02
		5825	/	/	1.362	1.863	73.11	1.36	0.03
802.11n (HT20)	SISO	5180	/	/	1.362	1.863	73.11	1.36	0.03
		5200	/	/	1.274	1.775	71.77	1.44	0.02
		5240	/	/	1.274	1.775	71.77	1.44	0.03
		5745	/	/	1.274	1.775	71.77	1.44	0.02
		5785	/	/	1.273	1.774	71.76	1.44	0.03
		5825	/	/	1.274	1.775	71.77	1.44	0.02
802.11n (HT40)	SISO	5190	/	/	0.634	1.134	55.91	2.53	0.01
		5230	/	/	0.634	1.134	55.91	2.53	0.03
		5755	/	/	0.634	1.134	55.91	2.53	0.01
		5795	/	/	0.634	1.135	55.86	2.53	0.03
802.11ac (VHT20)	SISO	5180	/	/	1.277	1.778	71.82	1.44	0.03
		5200	/	/	1.277	1.777	71.86	1.43	0.01
		5240	/	/	1.278	1.779	71.84	1.44	0.03
		5745	/	/	1.277	1.778	71.82	1.44	0.01
		5785	/	/	1.277	1.778	71.82	1.44	0.03
		5825	/	/	1.278	1.779	71.84	1.44	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.634	1.135	55.86	2.53	0.03
		5230	/	/	0.638	1.138	56.06	2.51	0.01
		5755	/	/	0.638	1.138	56.06	2.51	0.03
		5795	/	/	0.637	1.138	55.98	2.52	0.03
802.11ac (VHT80)	SISO	5210	/	/	0.318	0.819	38.83	4.11	0.03
		5775	/	/	0.318	0.818	38.88	4.10	0.03
802.11ax (HEW20)	SISO	5180	/	/	1.278	1.779	71.84	1.44	0.03
		5200	/	/	1.278	1.779	71.84	1.44	0.03
		5240	/	/	1.278	1.779	71.84	1.44	0.03
		5745	/	/	1.277	1.778	71.82	1.44	0.03
		5785	/	/	1.278	1.779	71.84	1.44	0.03
		5825	/	/	1.278	1.779	71.84	1.44	0.03
802.11ax (HEW40)	SISO	5190	/	/	0.637	1.138	55.98	2.52	0.01
		5230	/	/	0.637	1.138	55.98	2.52	0.01
		5755	/	/	0.638	1.139	56.01	2.52	0.03
		5795	/	/	0.637	1.138	55.98	2.52	0.05
802.11ax (HEW80)	SISO	5210	/	/	0.318	0.818	38.88	4.10	0.03
		5775	/	/	0.318	0.818	38.88	4.10	0.03

1.1.2 Ant2

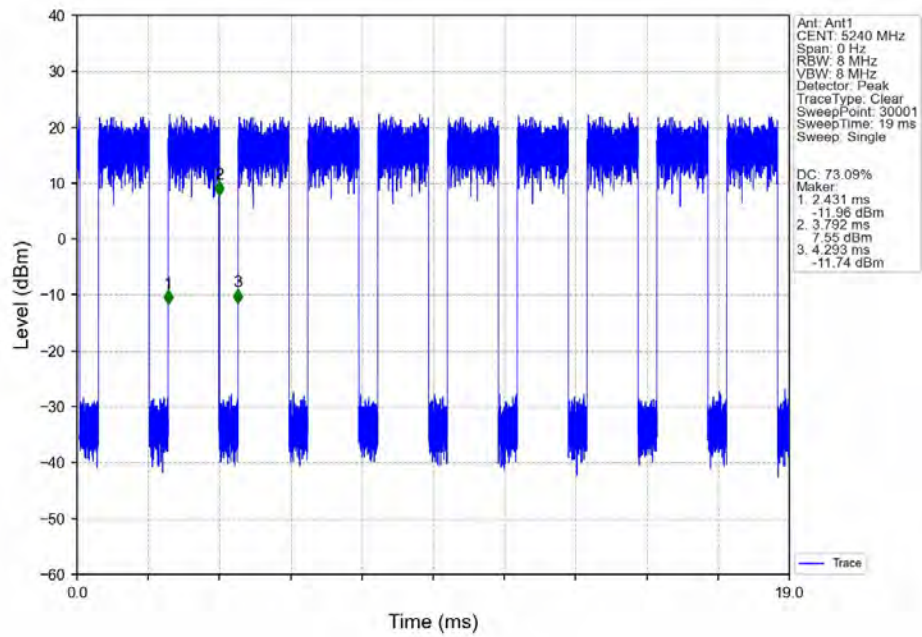
Ant2									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.362	1.863	73.11	1.36	0.03
		5200	/	/	1.362	1.863	73.11	1.36	0.02
		5240	/	/	1.361	1.862	73.09	1.36	0.02
		5745	/	/	1.362	1.863	73.11	1.36	0.02
		5785	/	/	1.361	1.862	73.09	1.36	0.02
		5825	/	/	1.362	1.862	73.15	1.36	0.03
802.11n (HT20)	SISO	5180	/	/	1.273	1.774	71.76	1.44	0.03
		5200	/	/	1.273	1.774	71.76	1.44	0.03
		5240	/	/	1.273	1.774	71.76	1.44	0.03
		5745	/	/	1.274	1.775	71.77	1.44	0.02
		5785	/	/	1.273	1.774	71.76	1.44	0.03
		5825	/	/	1.273	1.774	71.76	1.44	0.02
802.11n (HT40)	SISO	5190	/	/	0.634	1.134	55.91	2.53	0.01
		5230	/	/	0.633	1.134	55.82	2.53	0.03
		5755	/	/	0.633	1.134	55.82	2.53	0.03
		5795	/	/	0.634	1.134	55.91	2.53	0.01
802.11ac (VHT20)	SISO	5180	/	/	1.278	1.779	71.84	1.44	0.03
		5200	/	/	1.278	1.779	71.84	1.44	0.03
		5240	/	/	1.278	1.779	71.84	1.44	0.03
		5745	/	/	1.277	1.778	71.82	1.44	0.03
		5785	/	/	1.278	1.779	71.84	1.44	0.03
		5825	/	/	1.278	1.779	71.84	1.44	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.634	1.135	55.86	2.53	0.03
		5230	/	/	0.638	1.139	56.01	2.52	0.03
		5755	/	/	0.637	1.138	55.98	2.52	0.01
		5795	/	/	0.637	1.138	55.98	2.52	0.02
802.11ac (VHT80)	SISO	5210	/	/	0.318	0.818	38.88	4.10	0.03
		5775	/	/	0.318	0.818	38.88	4.10	0.03
802.11ax (HEW20)	SISO	5180	/	/	1.278	1.779	71.84	1.44	0.03
		5200	/	/	1.277	1.778	71.82	1.44	0.03
		5240	/	/	1.278	1.779	71.84	1.44	0.03
		5745	/	/	1.277	1.778	71.82	1.44	0.03
		5785	/	/	1.277	1.778	71.82	1.44	0.03
		5825	/	/	1.277	1.778	71.82	1.44	0.03
802.11ax (HEW40)	SISO	5190	/	/	0.638	1.139	56.01	2.52	0.03
		5230	/	/	0.637	1.138	55.98	2.52	0.03
		5755	/	/	0.638	1.139	56.01	2.52	0.02
		5795	/	/	0.638	1.138	56.06	2.51	0.01
802.11ax (HEW80)	SISO	5210	/	/	0.318	0.818	38.88	4.10	0.03
		5775	/	/	0.317	0.818	38.75	4.12	0.02

1.2 Test Graph

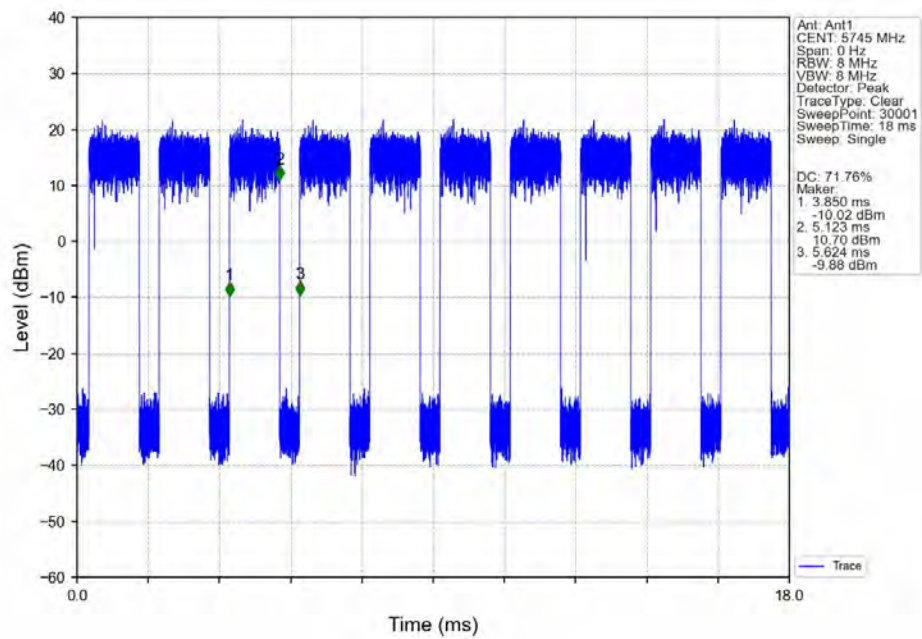
1.2.1 Ant1



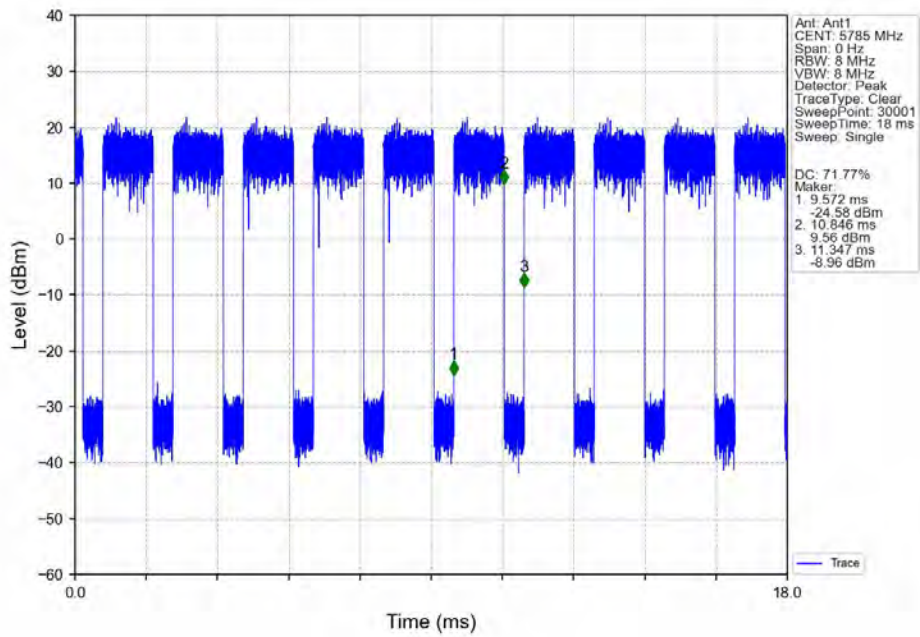
802.11a_HCH_5240MHz_Ant1_NTNV



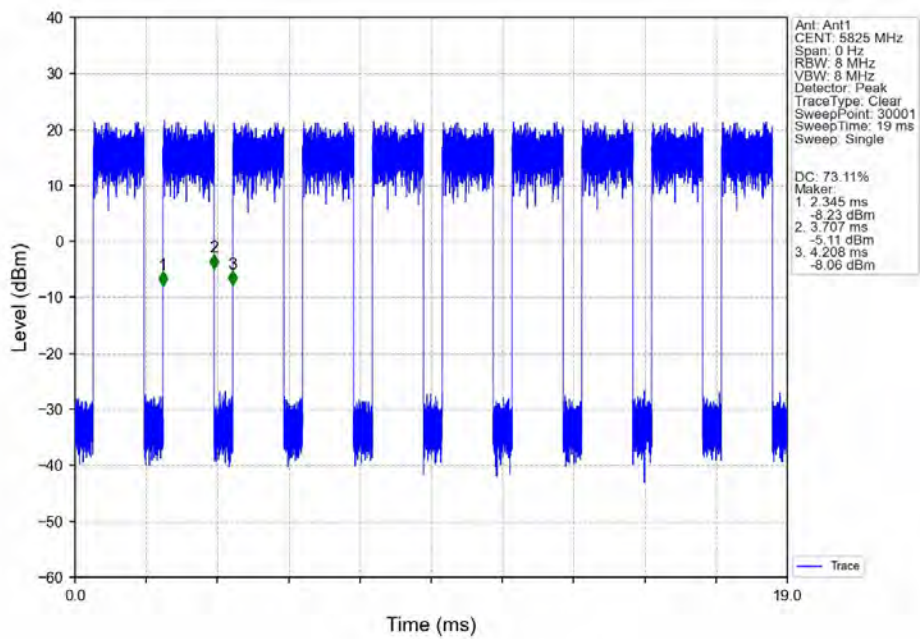
802.11a_LCH_5745MHz_Ant1_NTNV



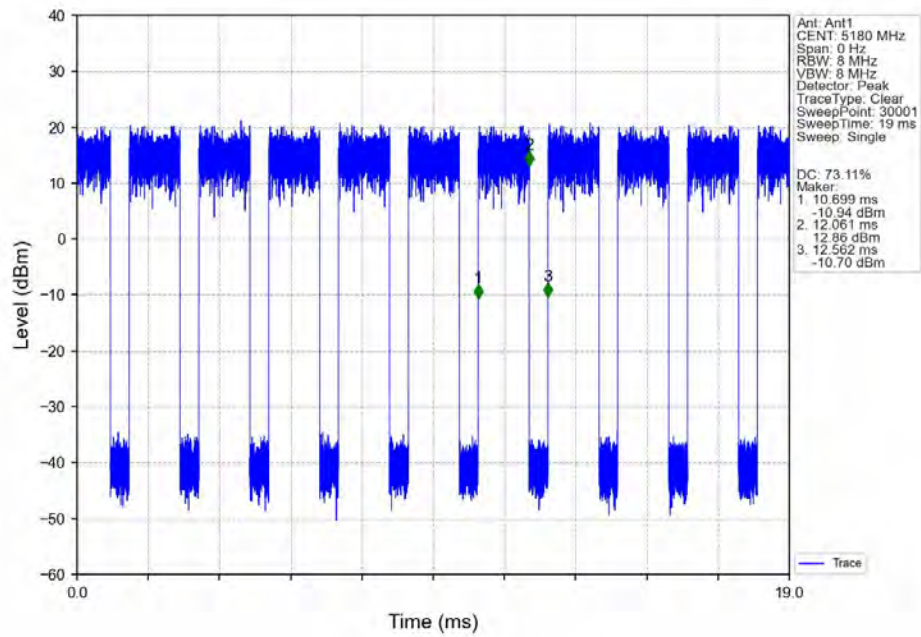
802.11a_MCH_5785MHz_Ant1_NTNV



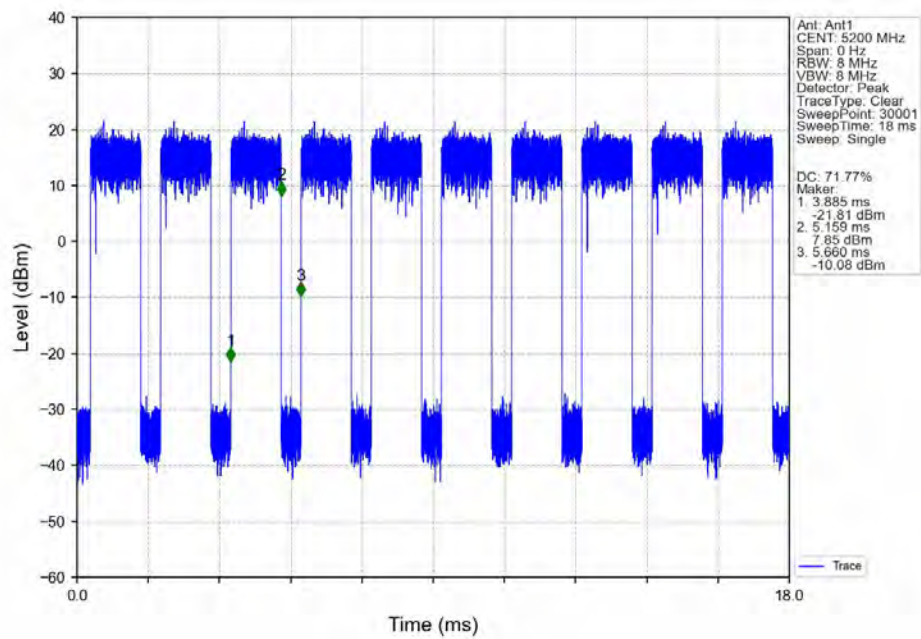
802.11a_HCH_5825MHz_Ant1_NTNV



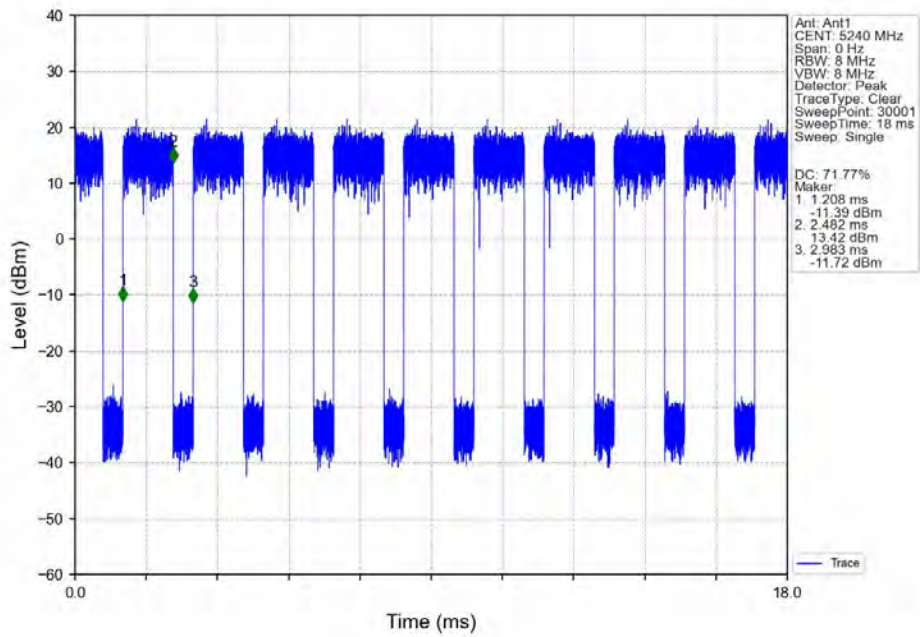
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



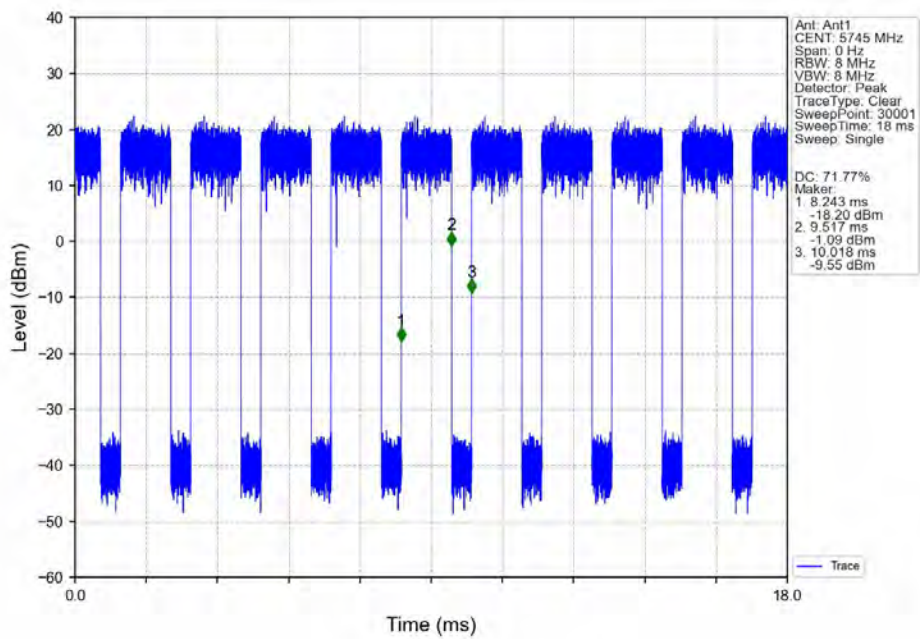
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



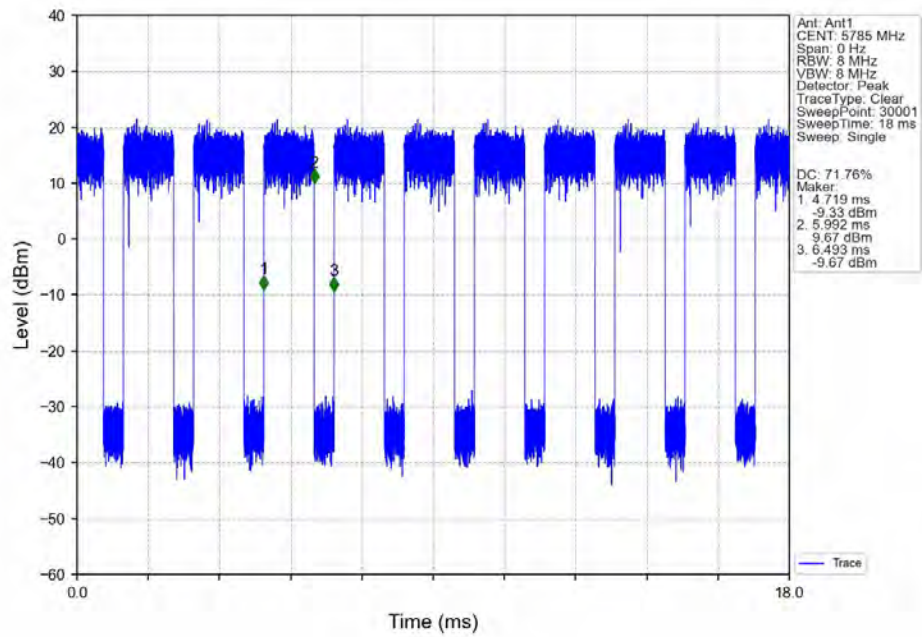
802.11n(HT20) HCH 5240MHz_Ant1_NTNV



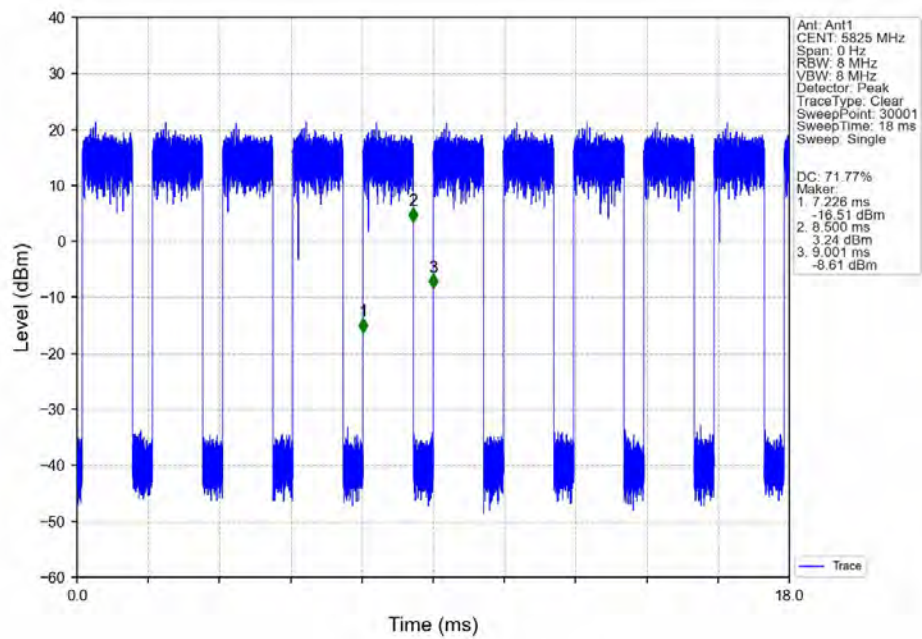
802.11n(HT20) LCH 5745MHz_Ant1_NTNV



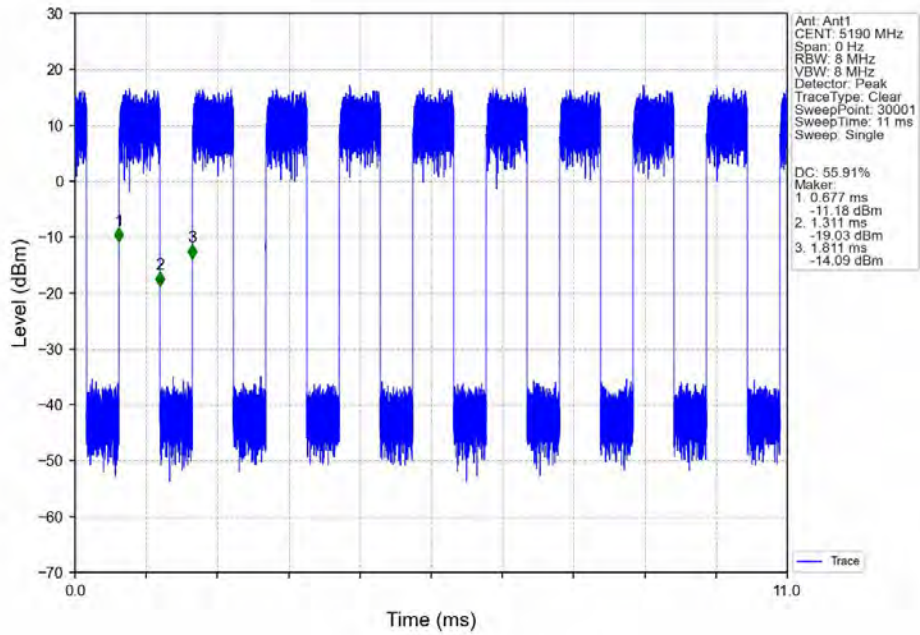
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



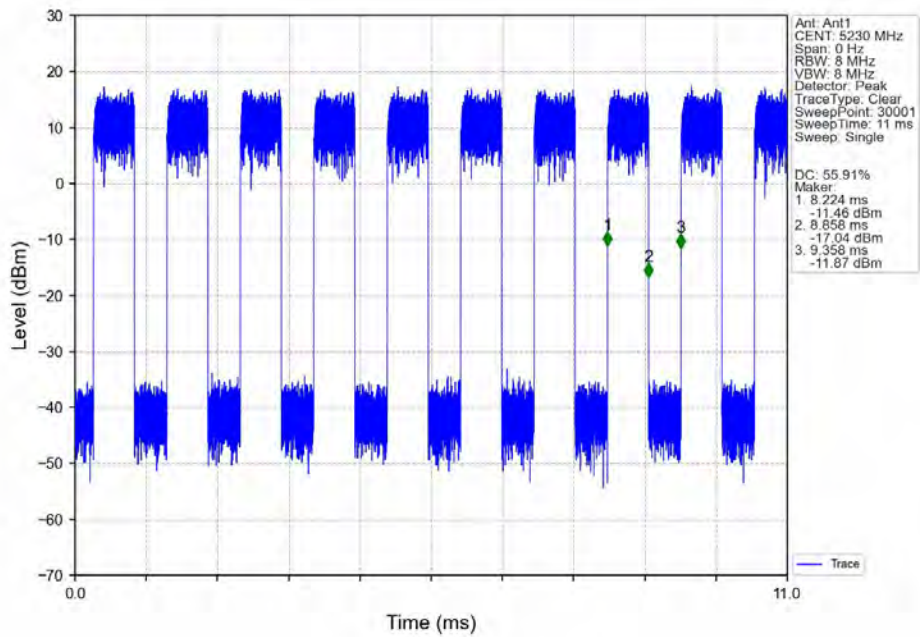
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



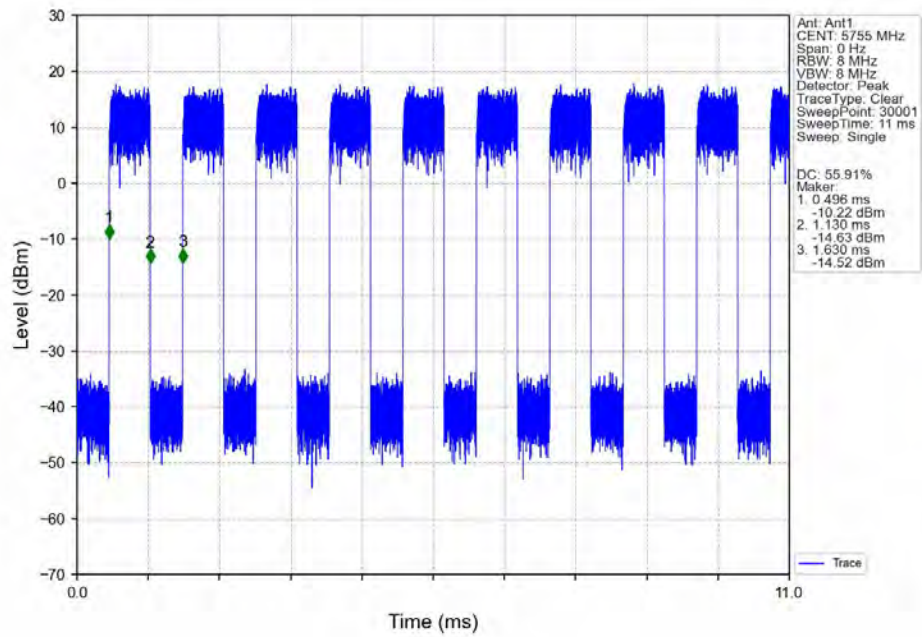
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



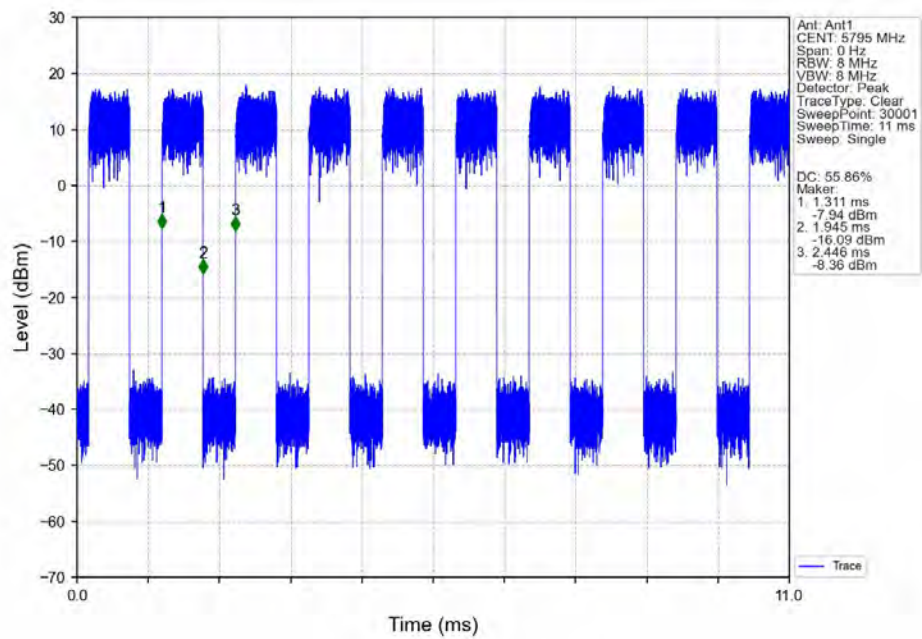
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



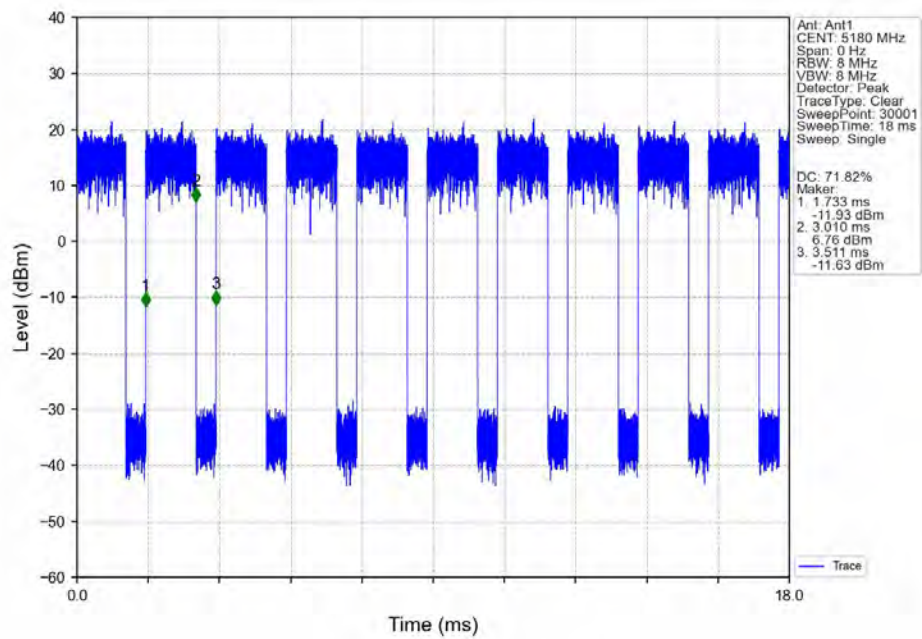
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



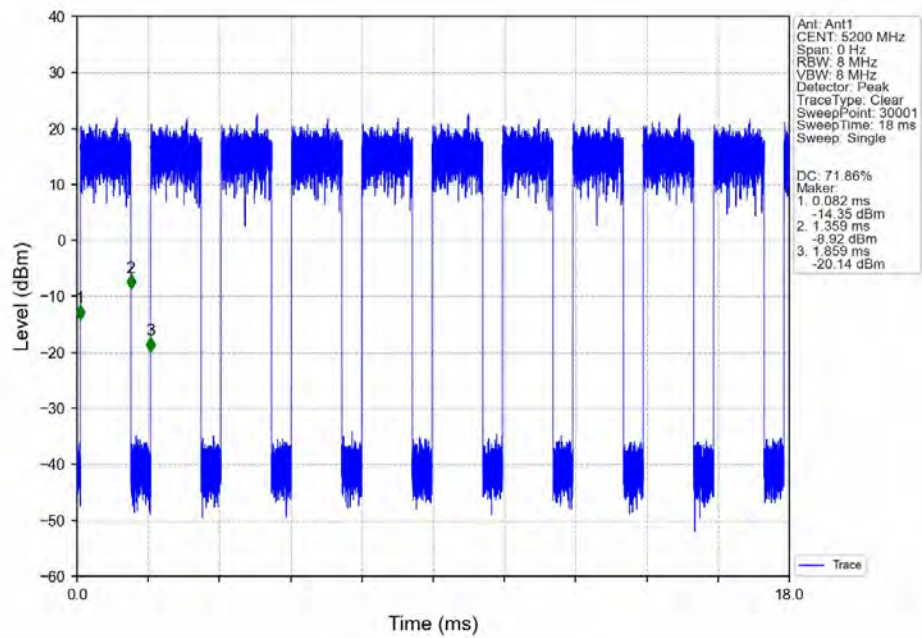
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



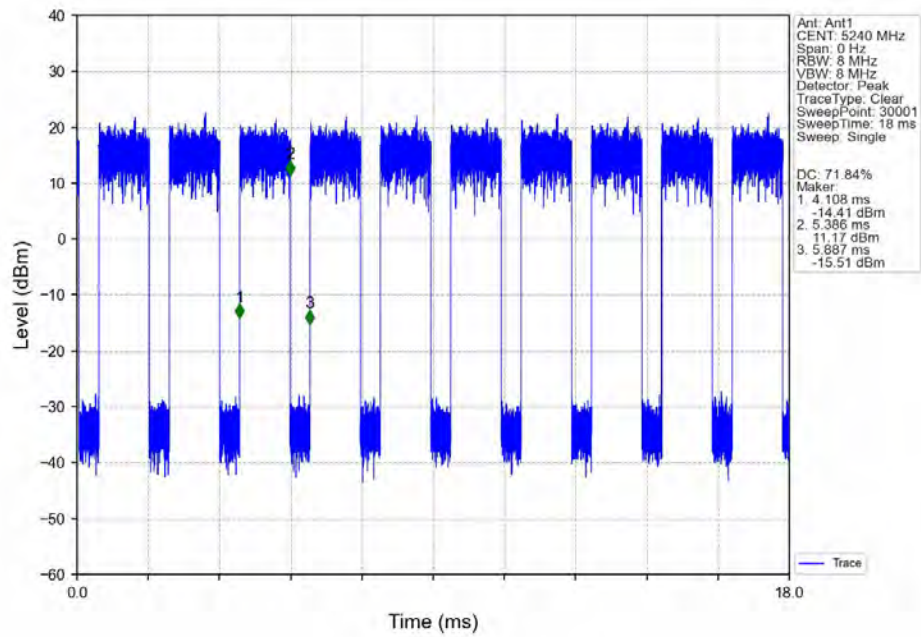
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



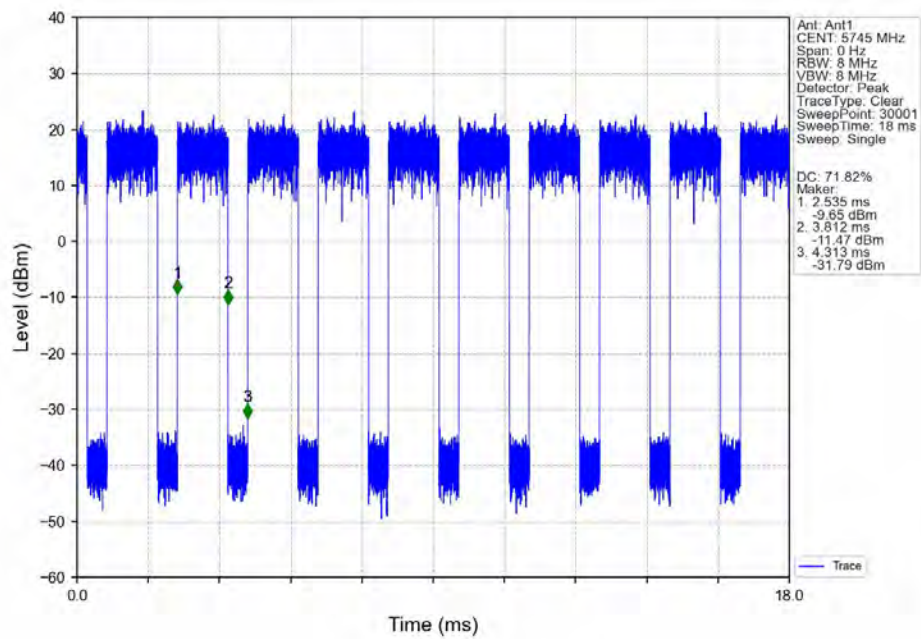
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



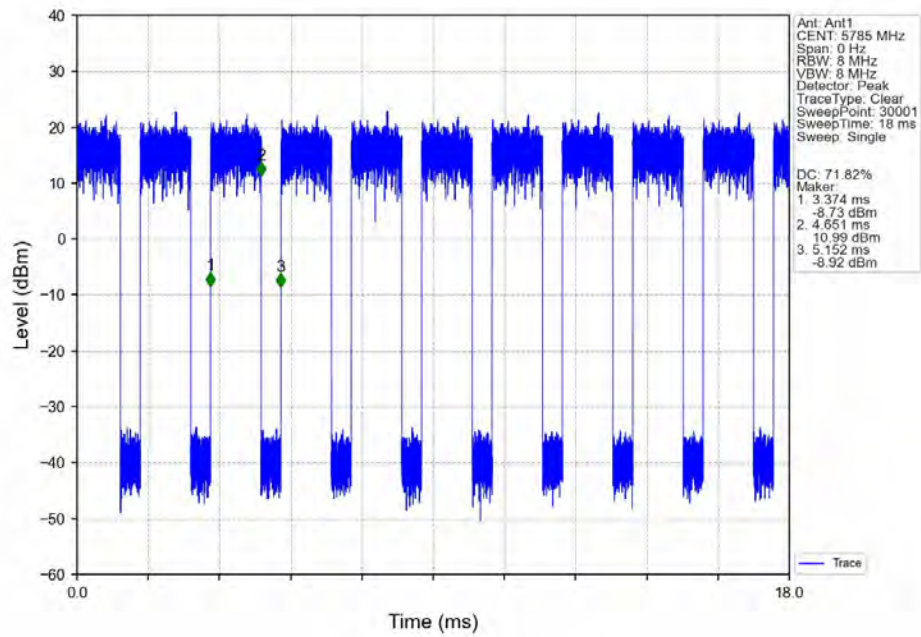
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



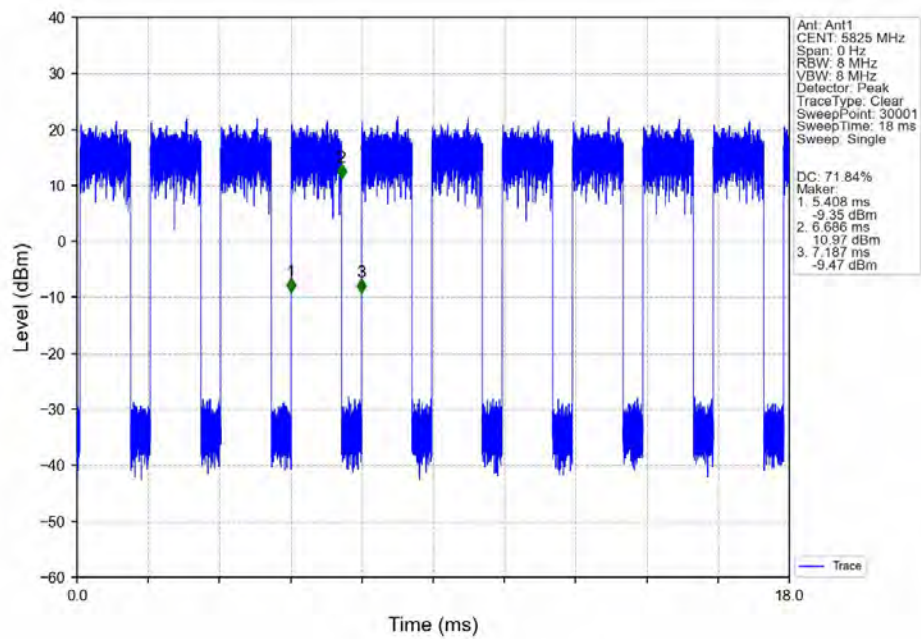
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



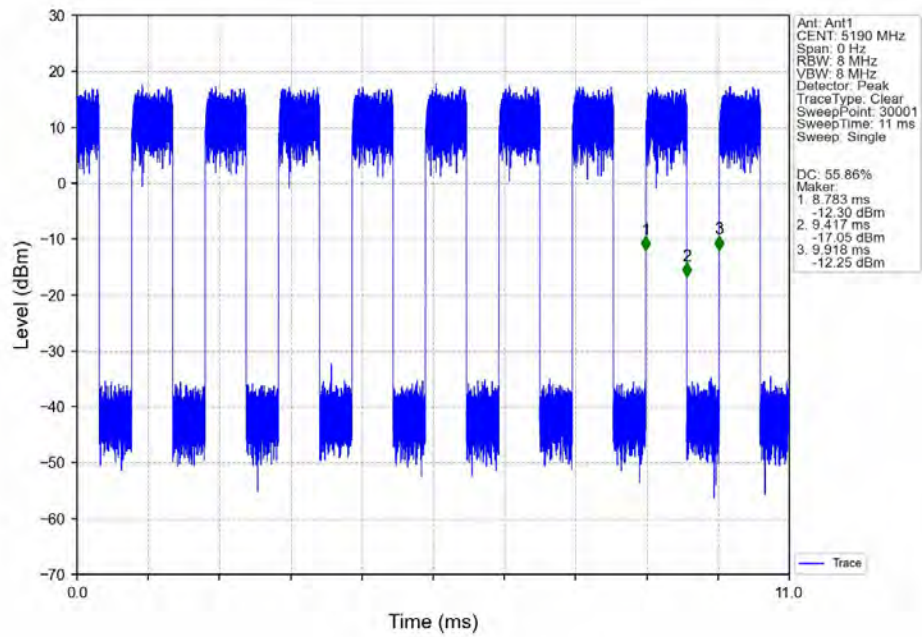
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



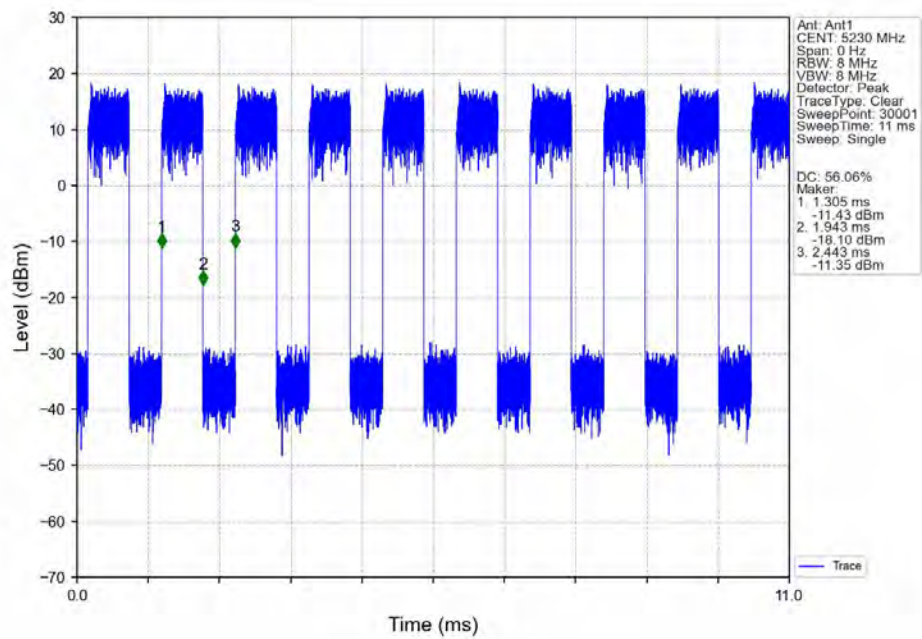
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



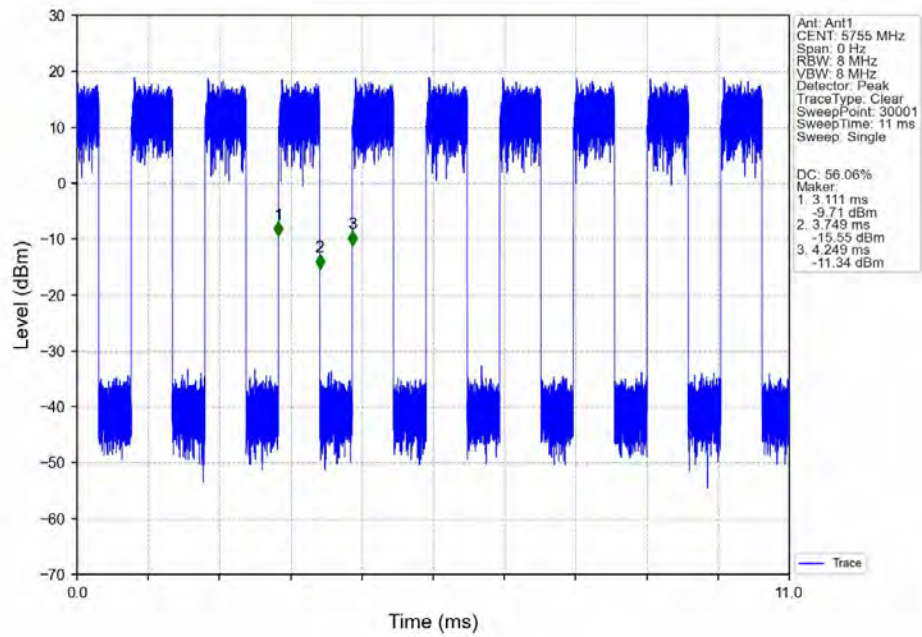
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



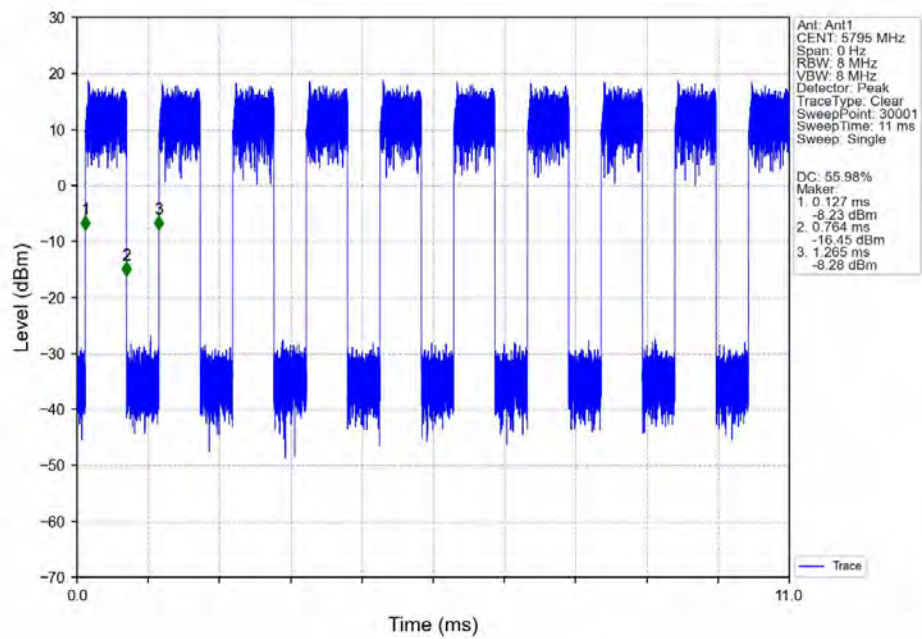
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



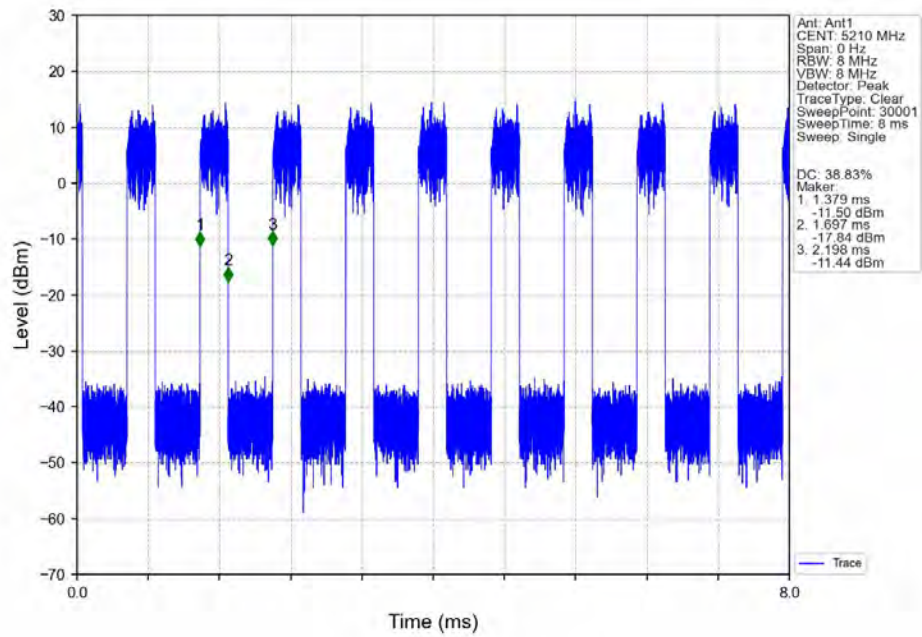
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



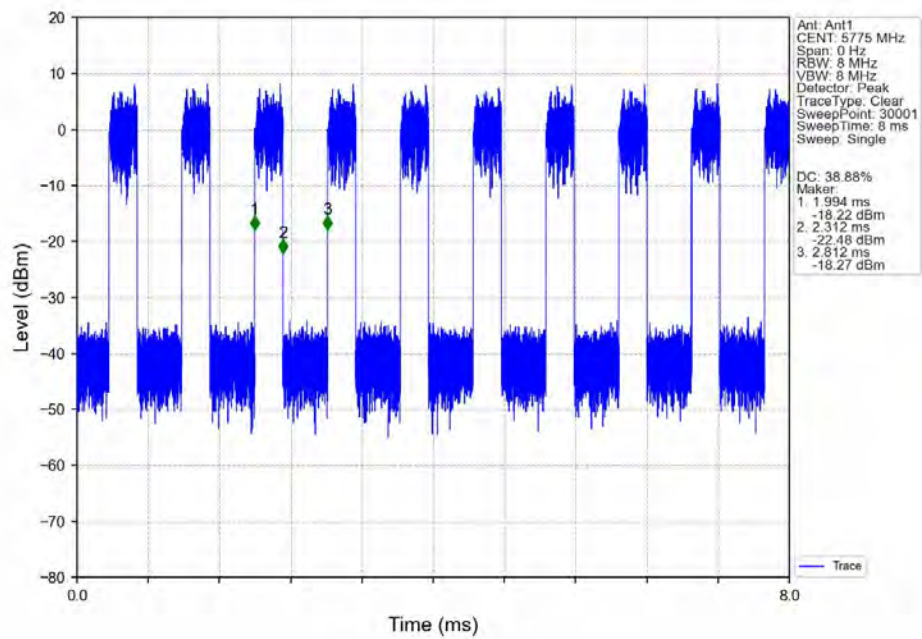
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



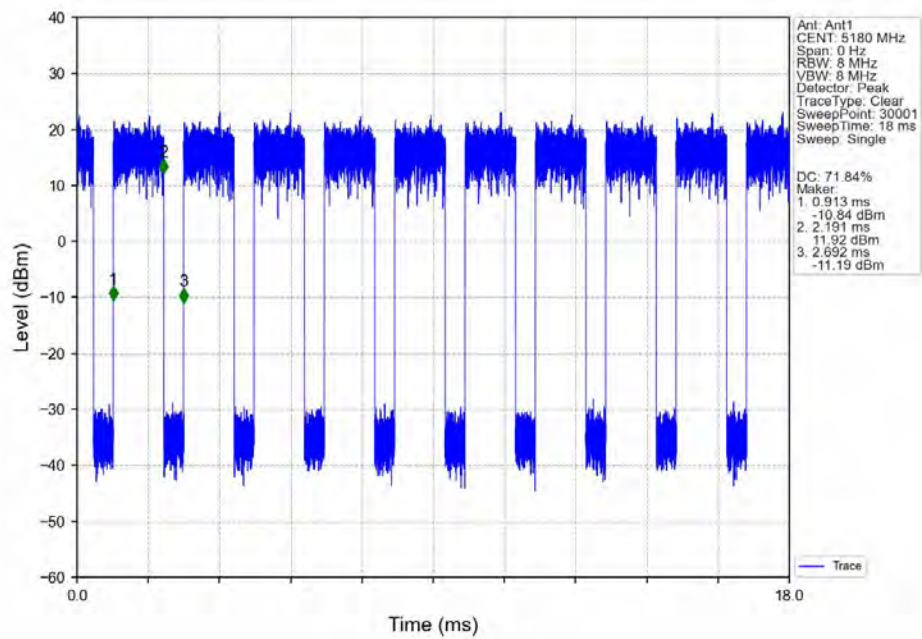
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



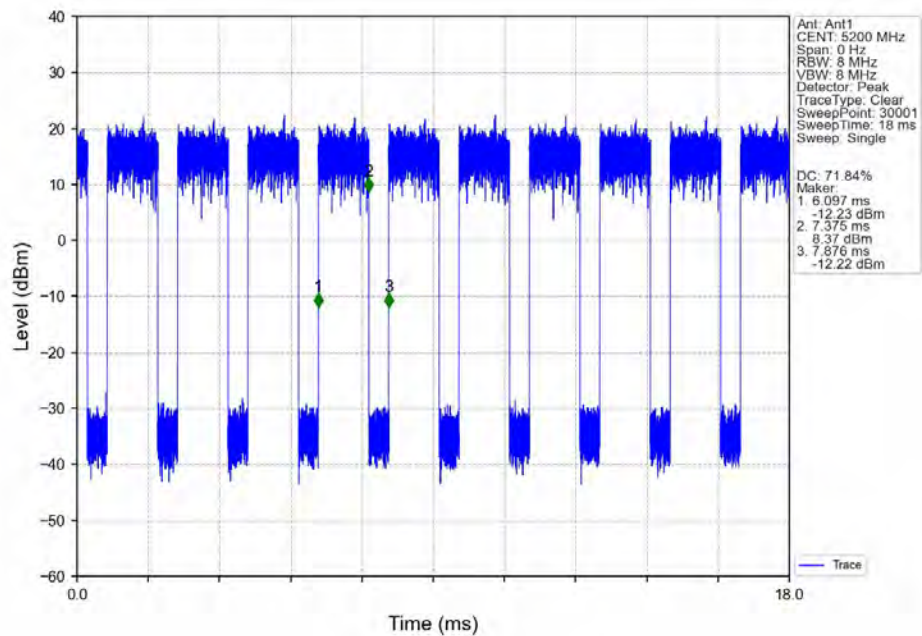
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



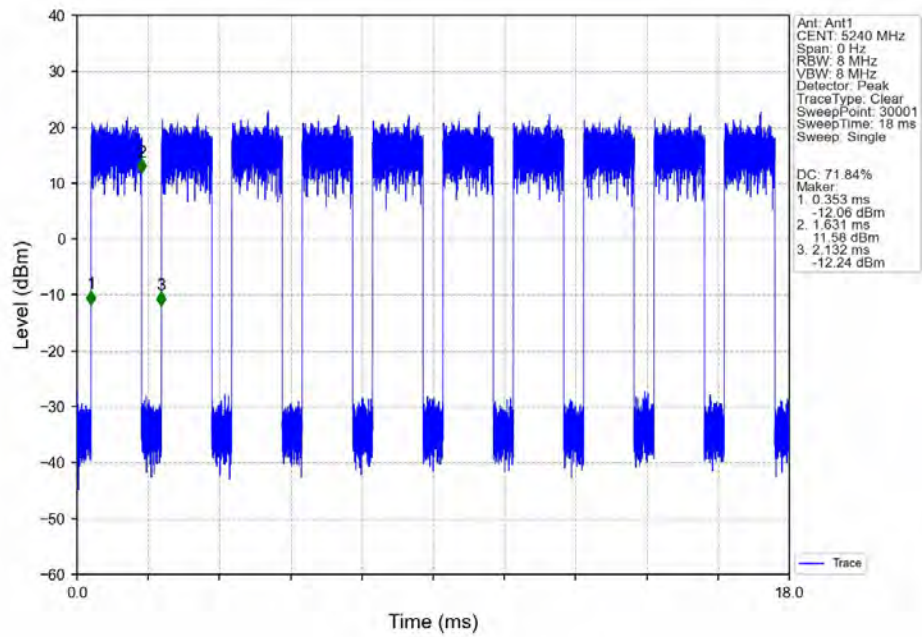
802.11ax(HEW20)_LCH_5180MHz_Ant1_NTNV



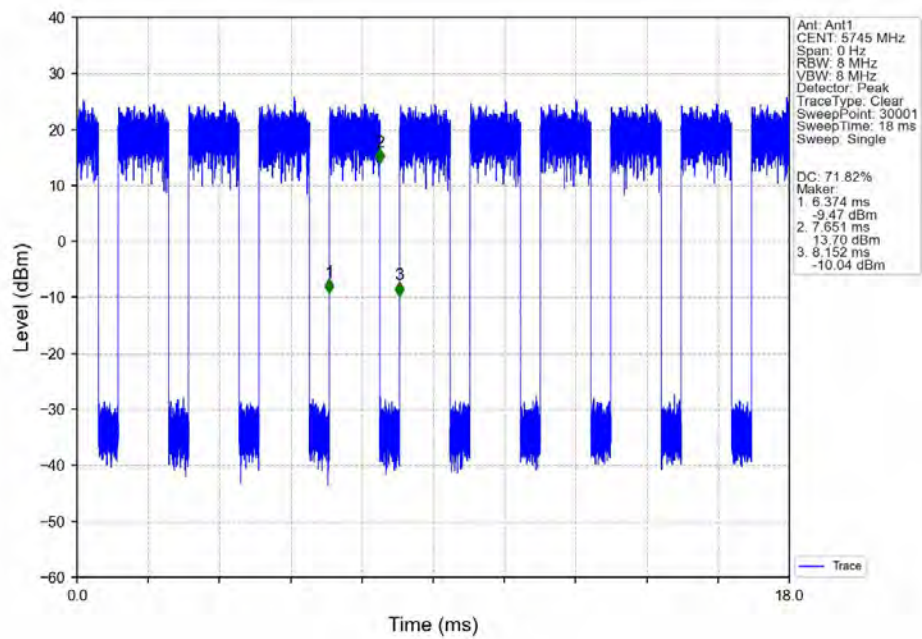
802.11ax(HEW20)_MCH_5200MHz_Ant1_NTNV



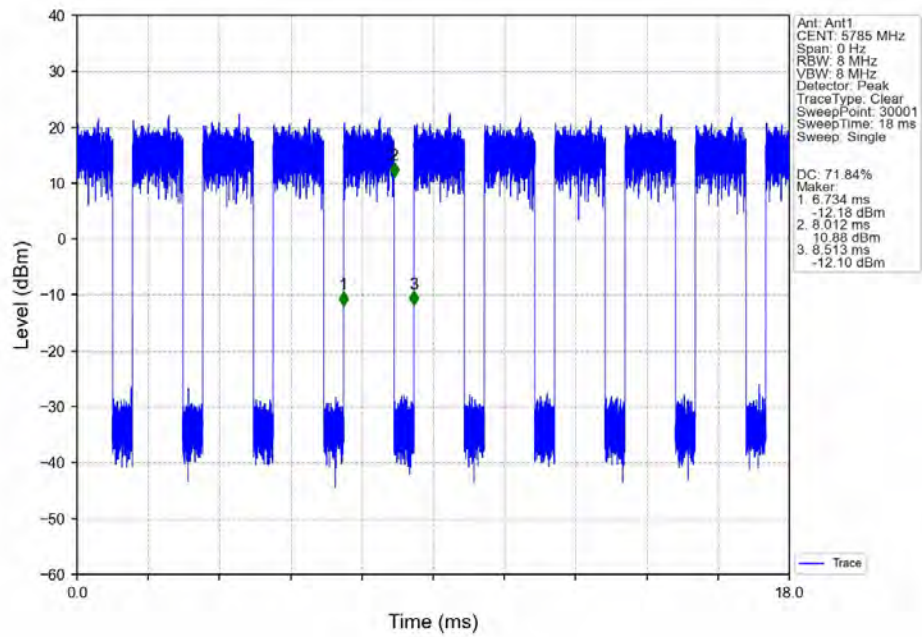
802.11ax(HEW20)_HCH_5240MHz_Ant1_NTNV



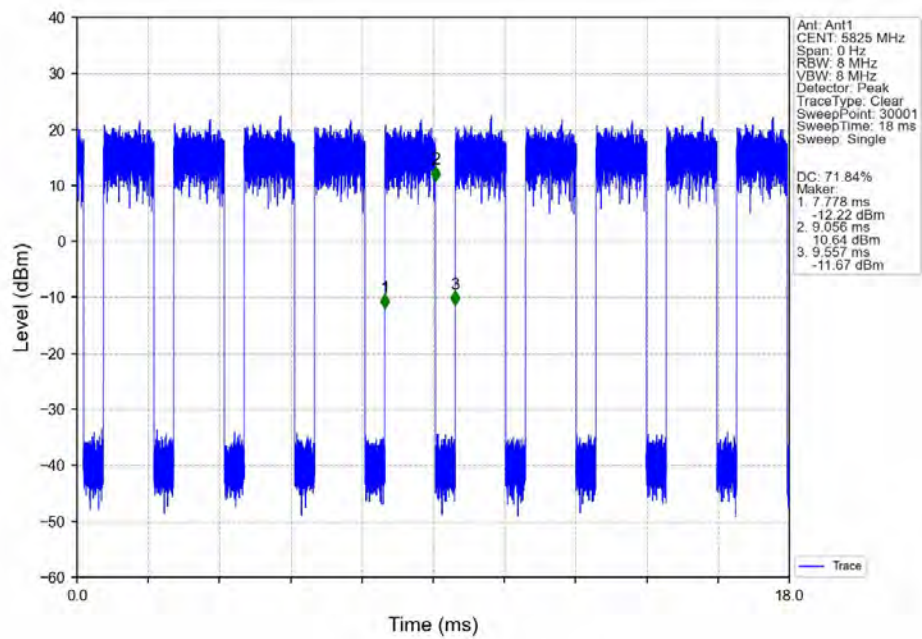
802.11ax(HEW20)_LCH_5745MHz_Ant1_NTNV



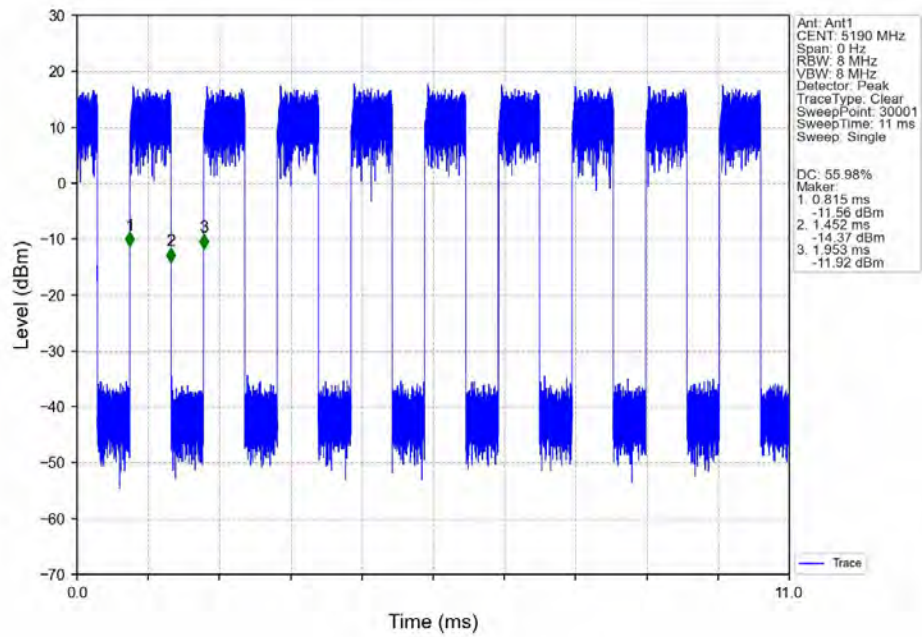
802.11ax(HEW20)_MCH_5785MHz_Ant1_NTNV



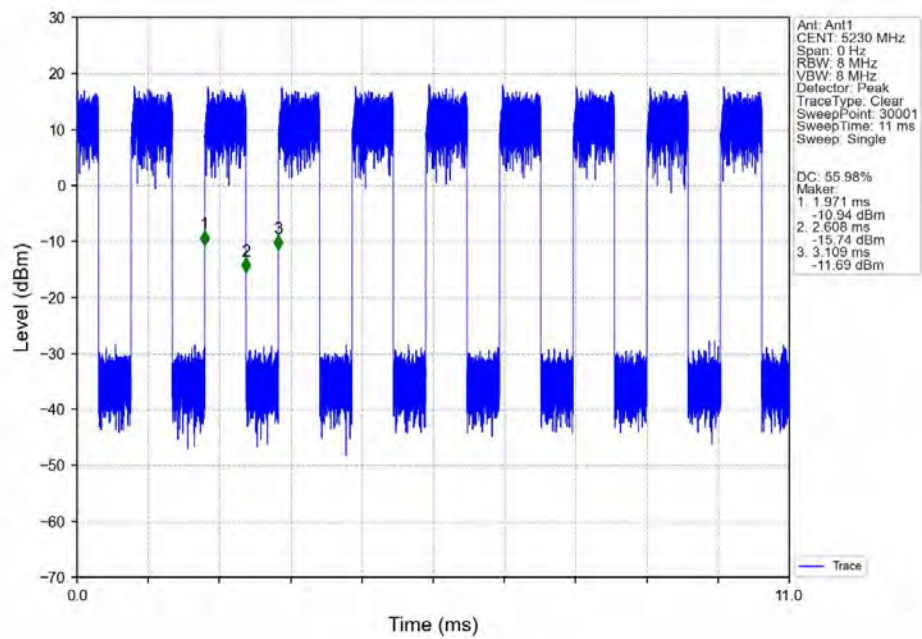
802.11ax(HEW20)_HCH_5825MHz_Ant1_NTNV



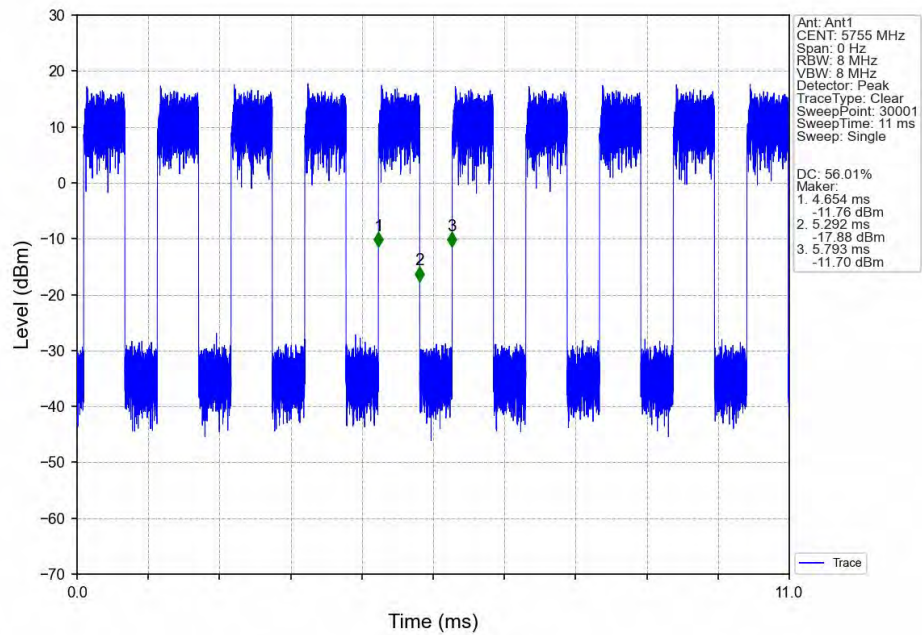
802.11ax(HEW40)_LCH_5190MHz_Ant1_NTNV



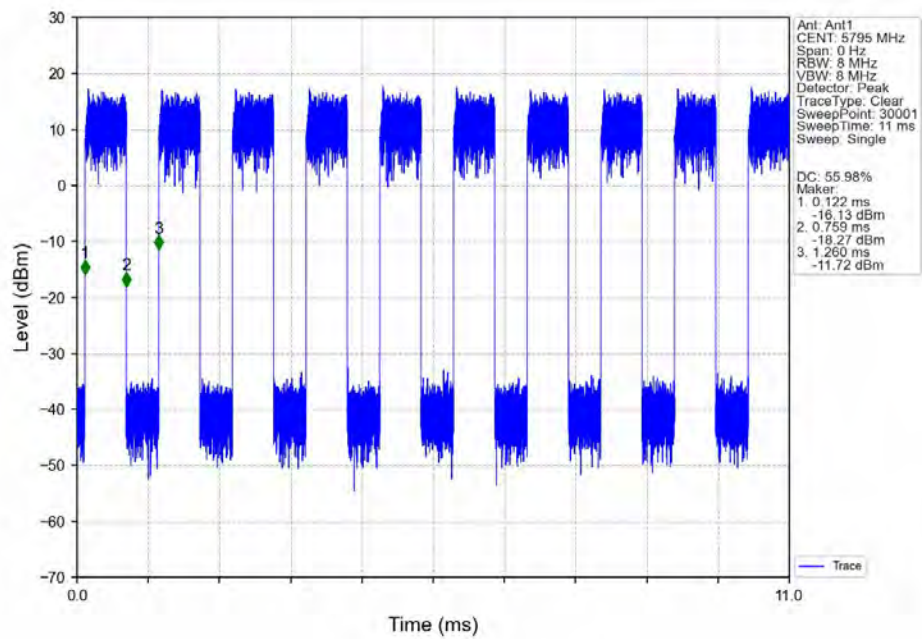
802.11ax(HEW40)_HCH_5230MHz_Ant1_NTNV



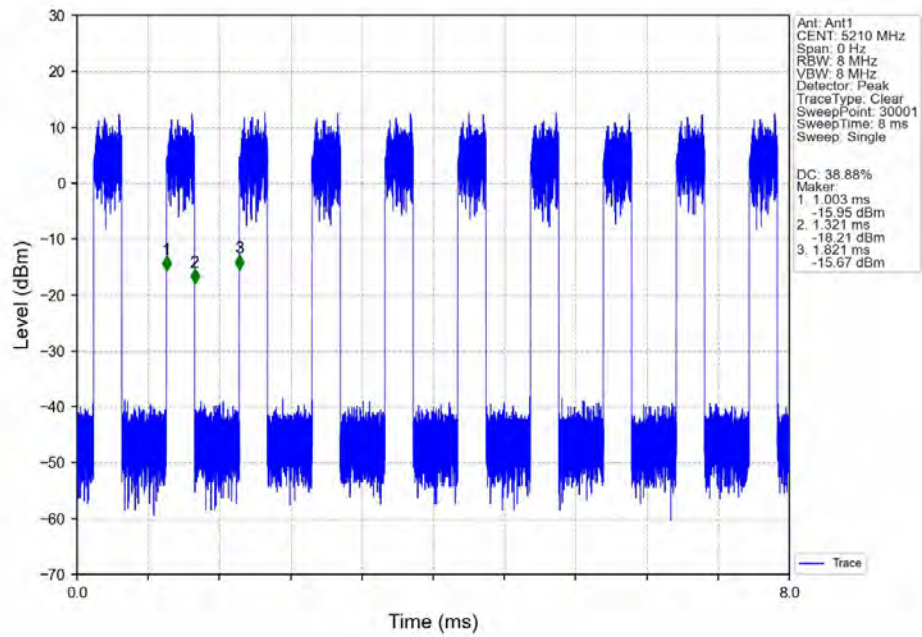
802.11ax(HEW40) LCH_5755MHz_Ant1_NTNV



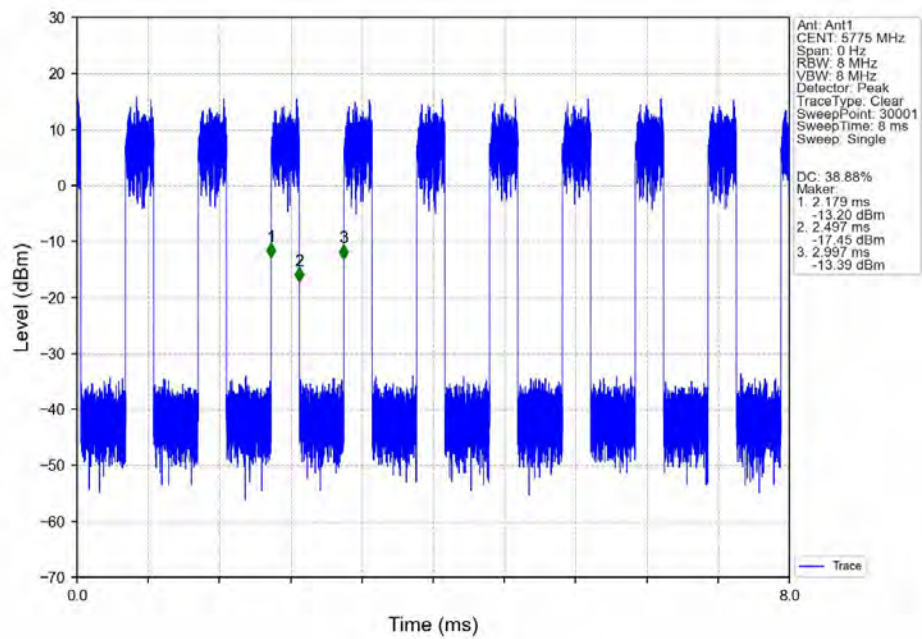
802.11ax(HEW40) HCH_5795MHz_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_Ant1_NTNV

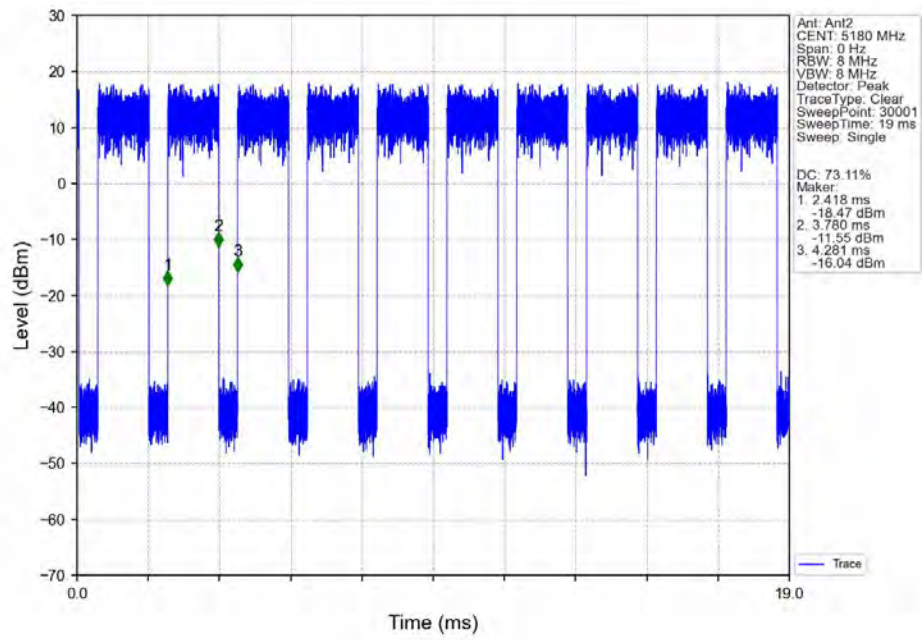


802.11ax(HEW80)_MCH_5775MHz_Ant1_NTNV

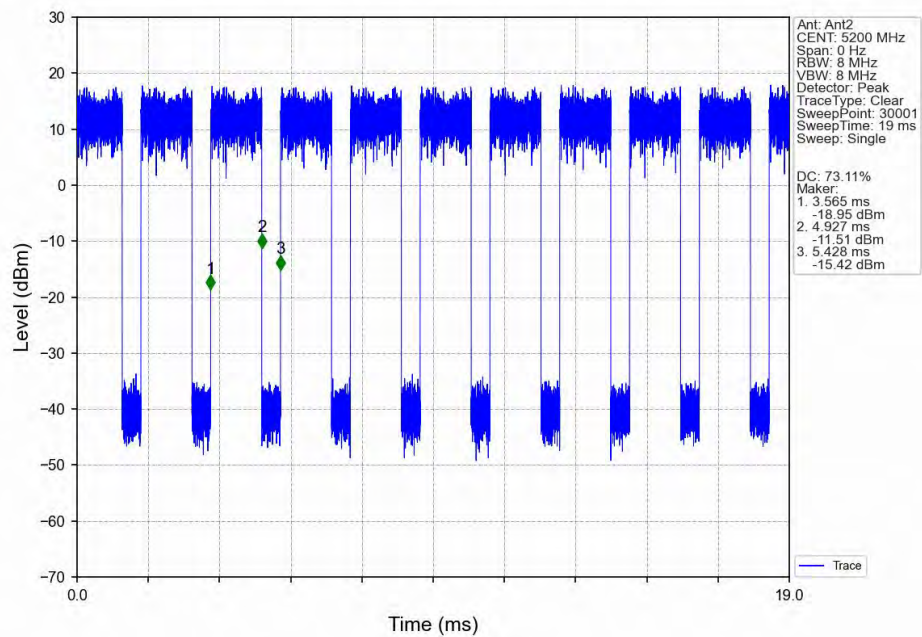


1.2.2 Ant2

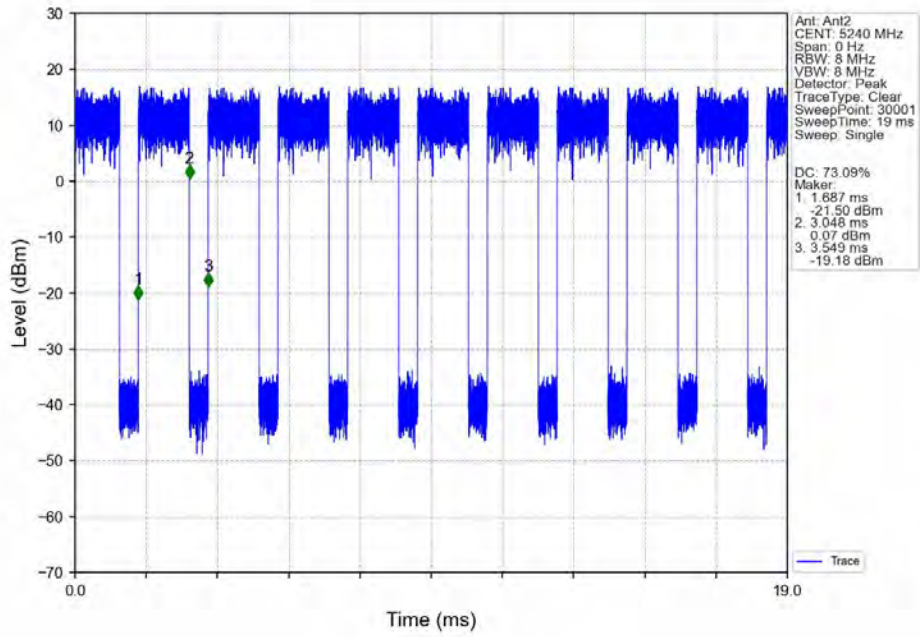
802.11a_LCH_5180MHz_Ant2_NTNV



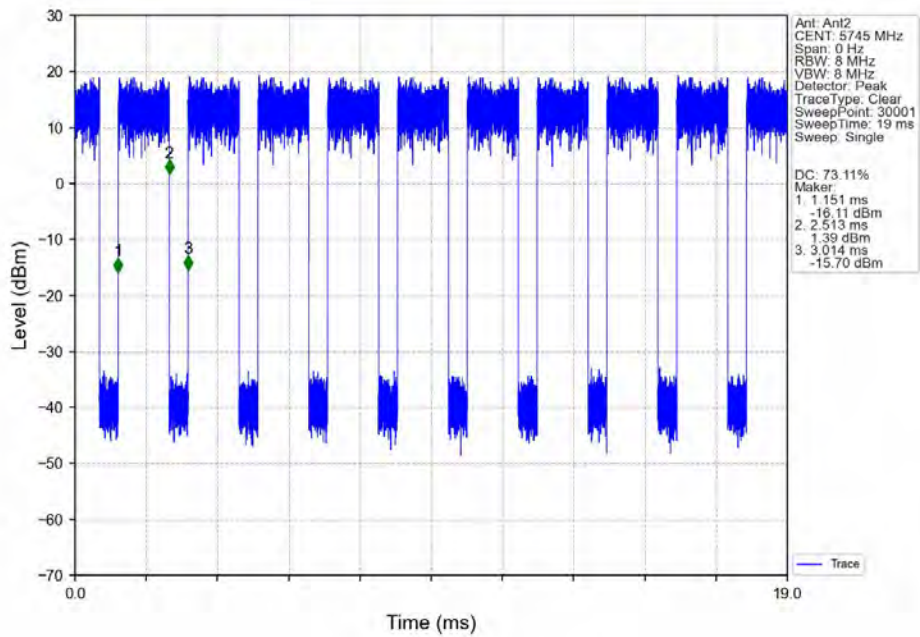
802.11a_MCH_5200MHz_Ant2_NTNV



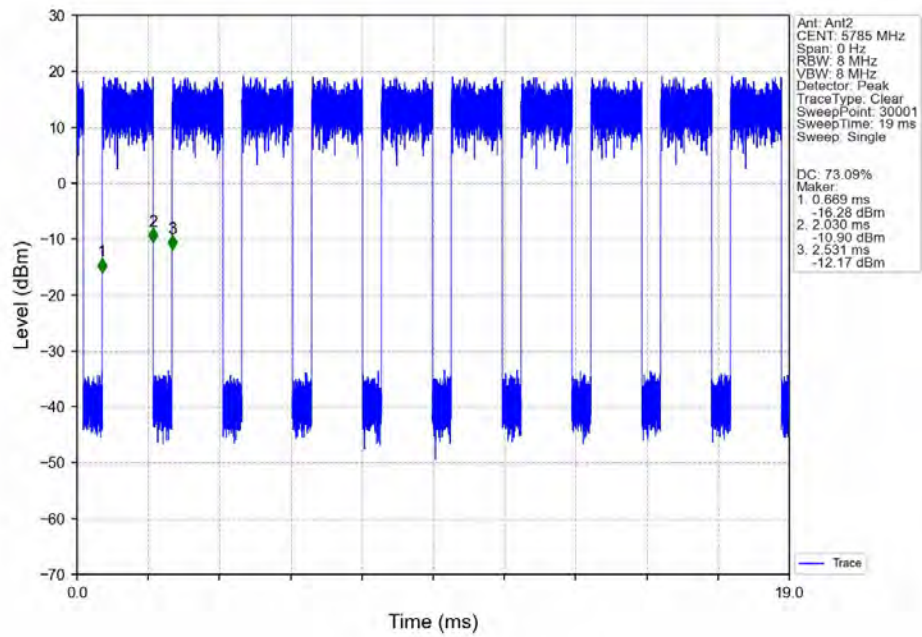
802.11a_HCH_5240MHz_Ant2_NTNV



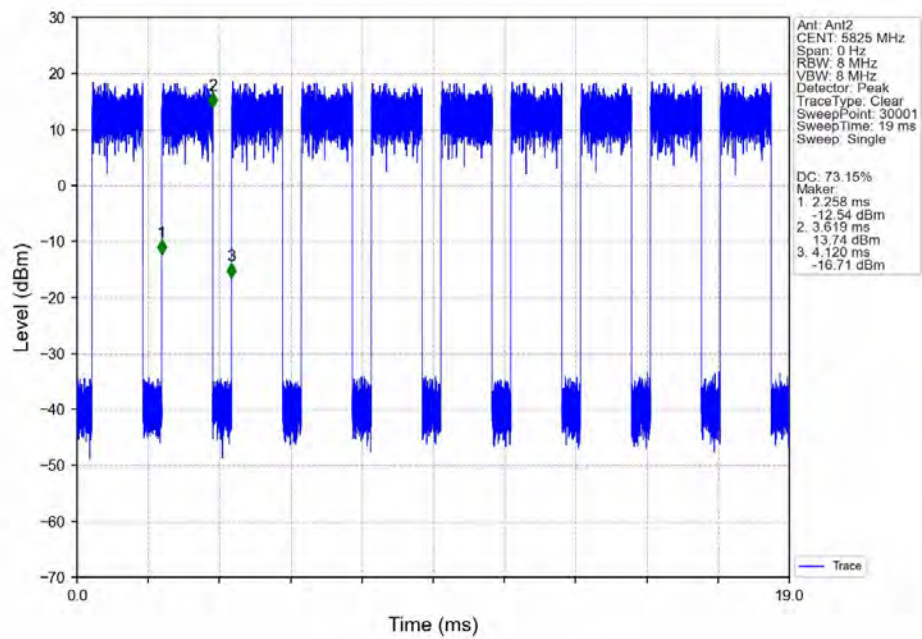
802.11a_LCH_5745MHz_Ant2_NTNV



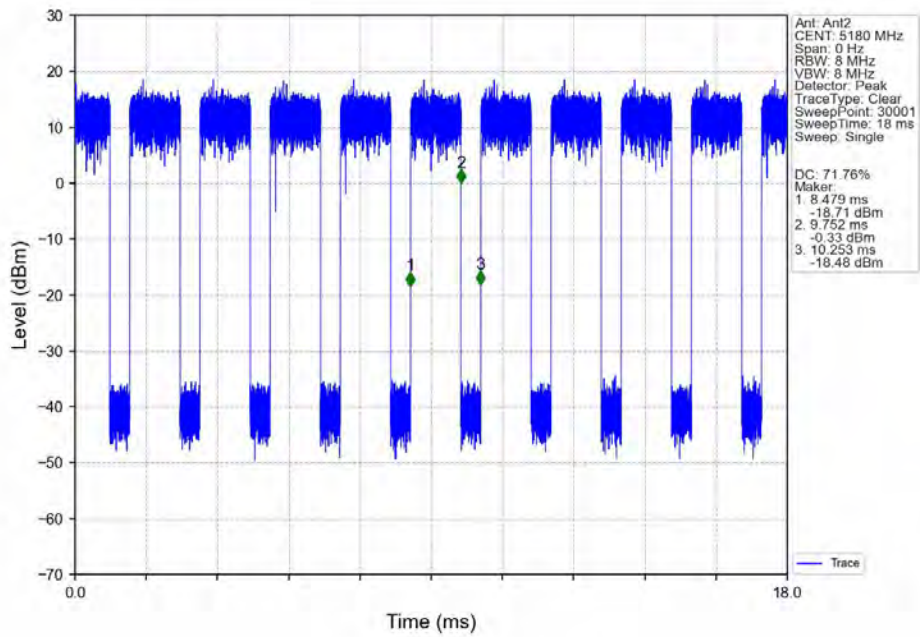
802.11a_MCH_5785MHz_Ant2_NTNV



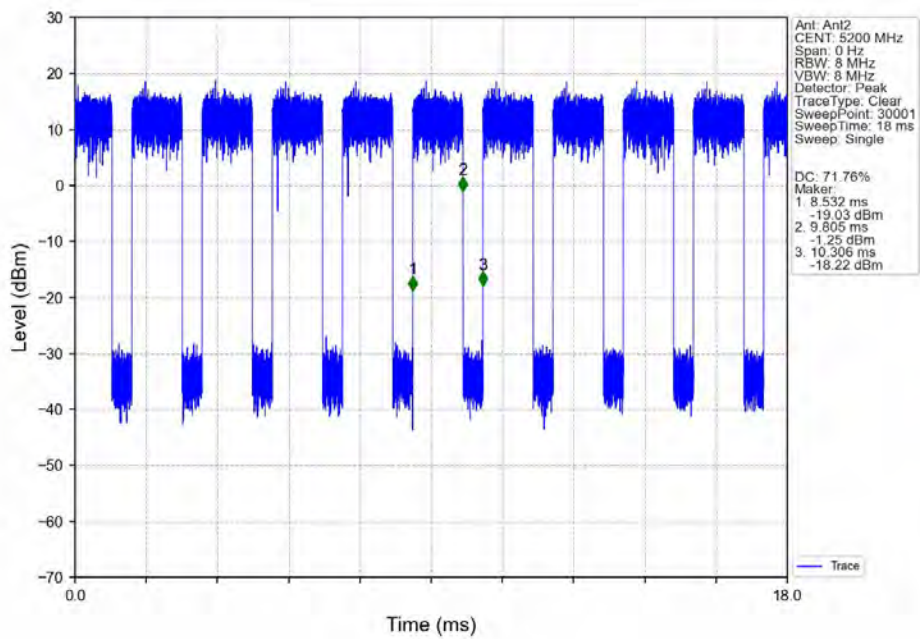
802.11a_HCH_5825MHz_Ant2_NTNV



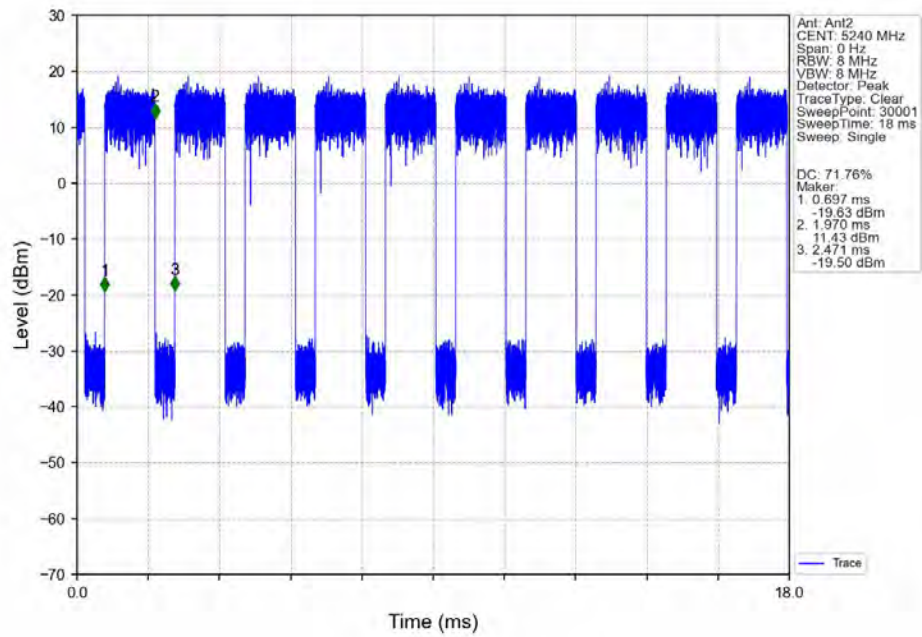
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



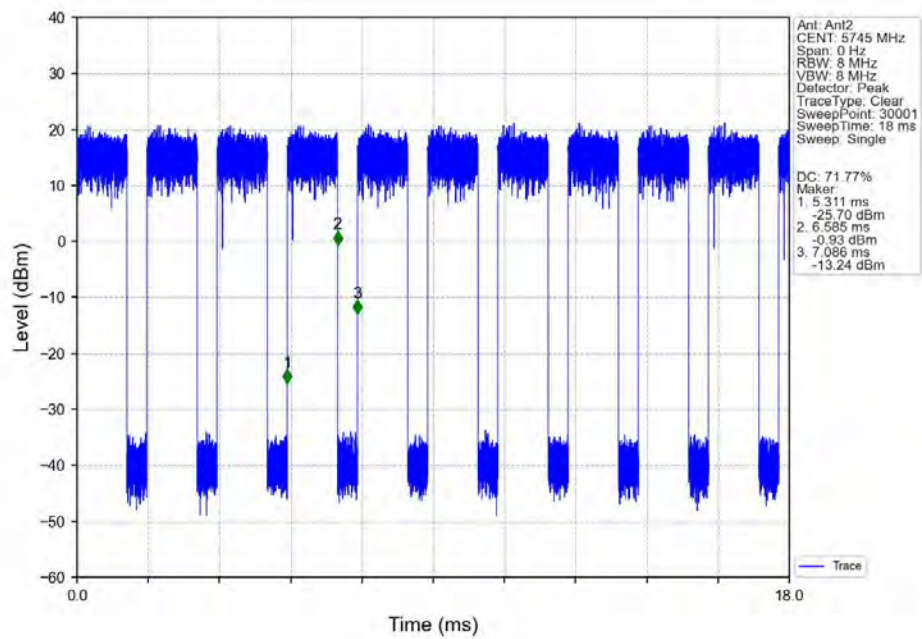
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



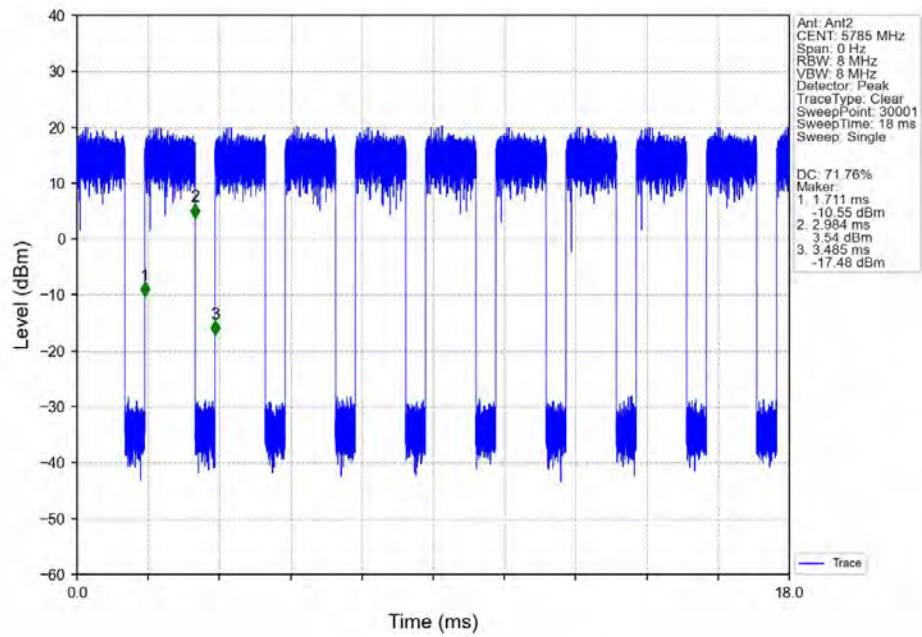
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



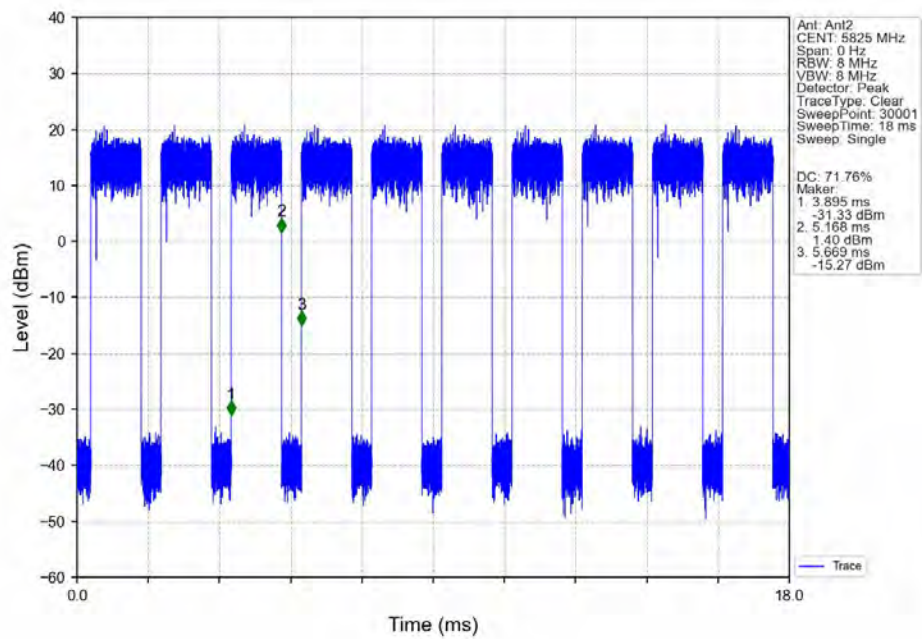
802.11n(HT20)_LCH_5745MHz_Ant2_NTNV



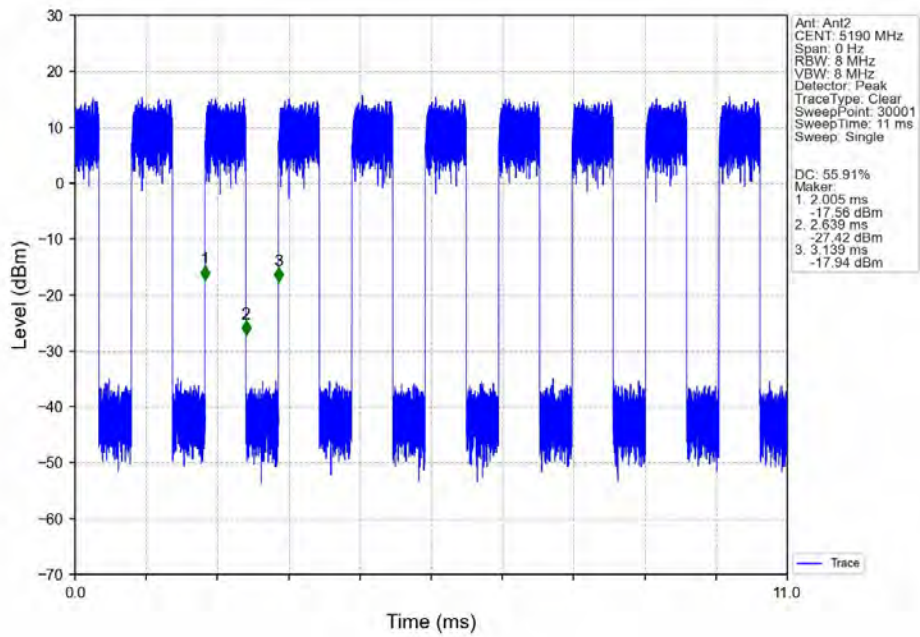
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



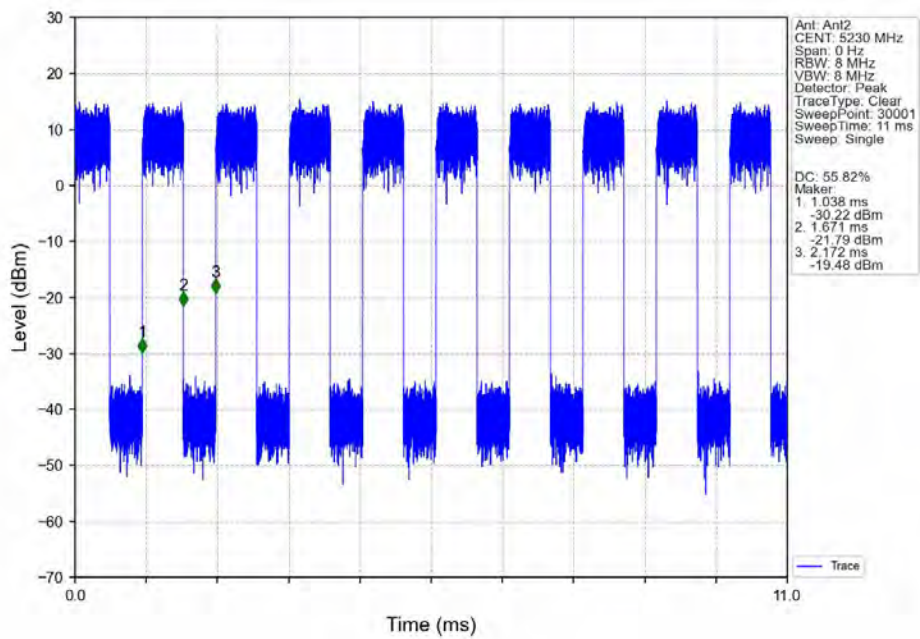
802.11n(HT20)_HCH_5825MHz_Ant2_NTNV



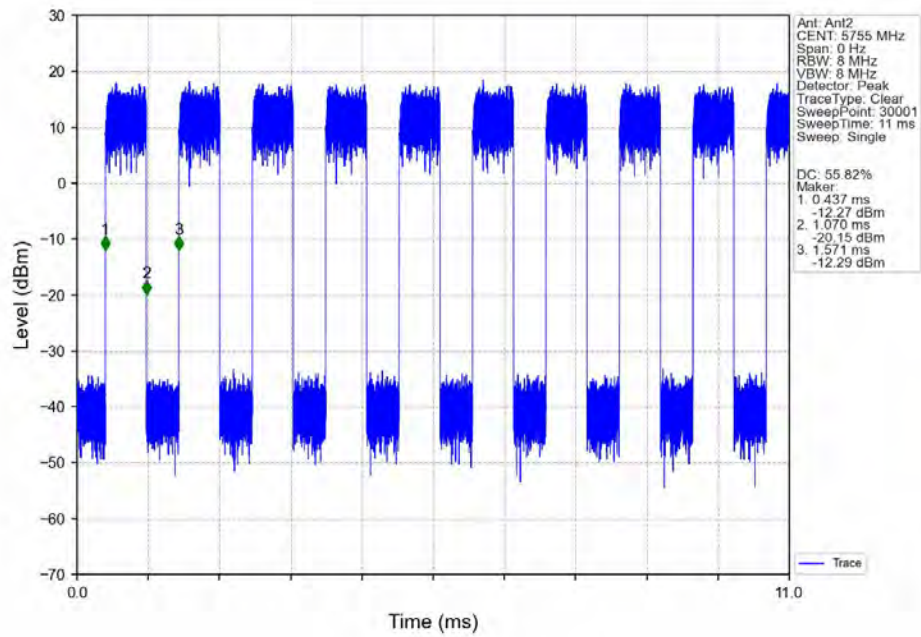
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



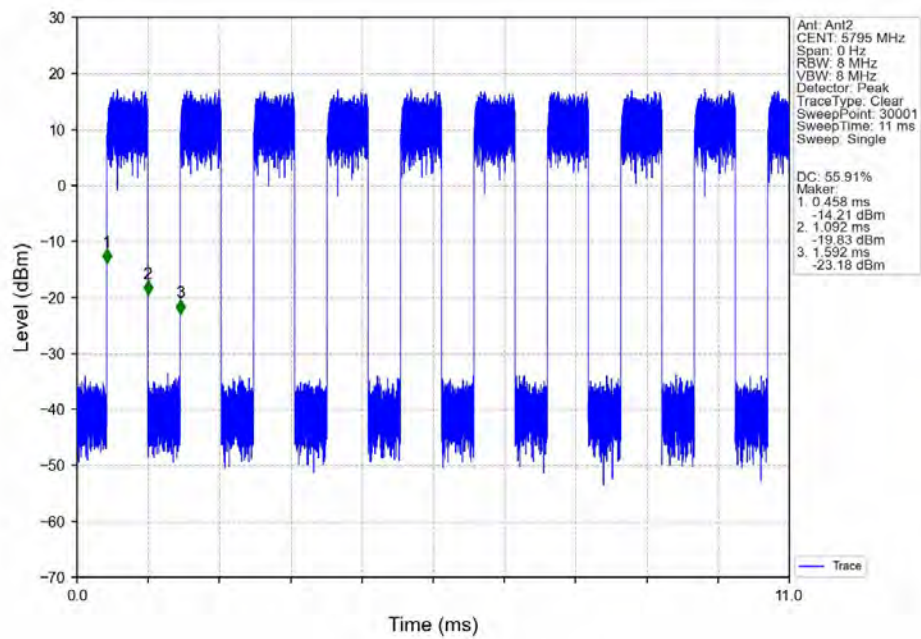
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



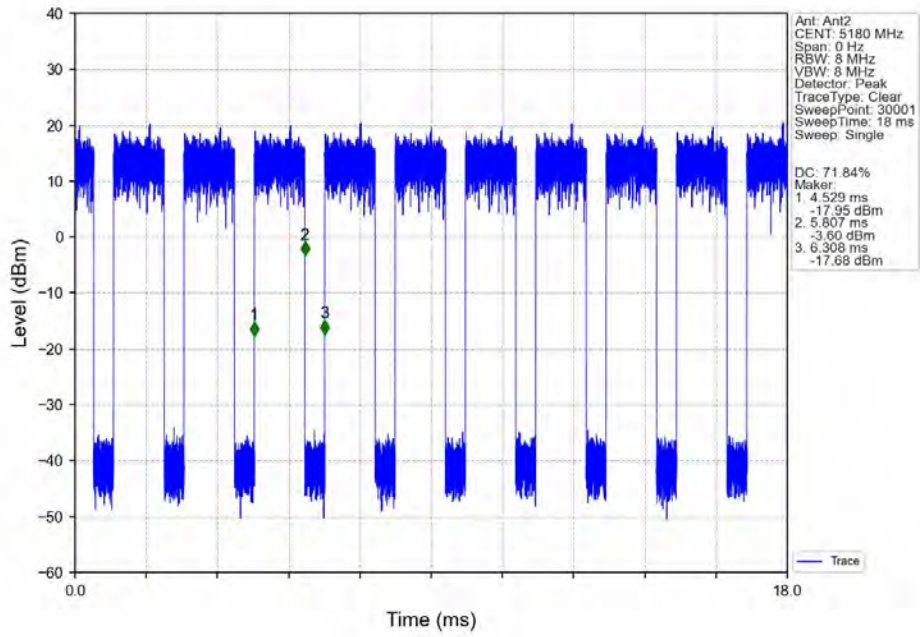
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



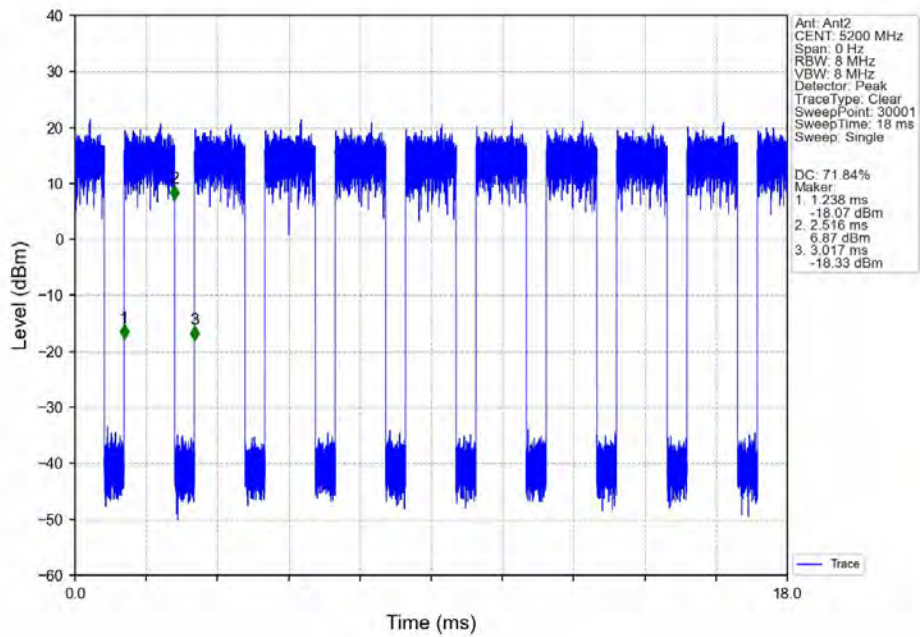
802.11n(HT40)_HCH_5795MHz_Ant2_NTNV



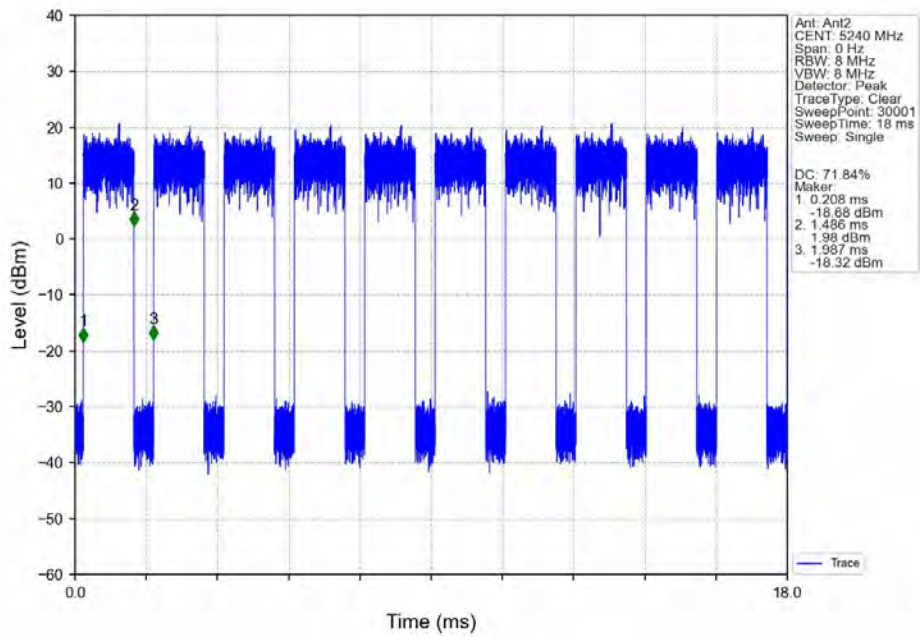
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



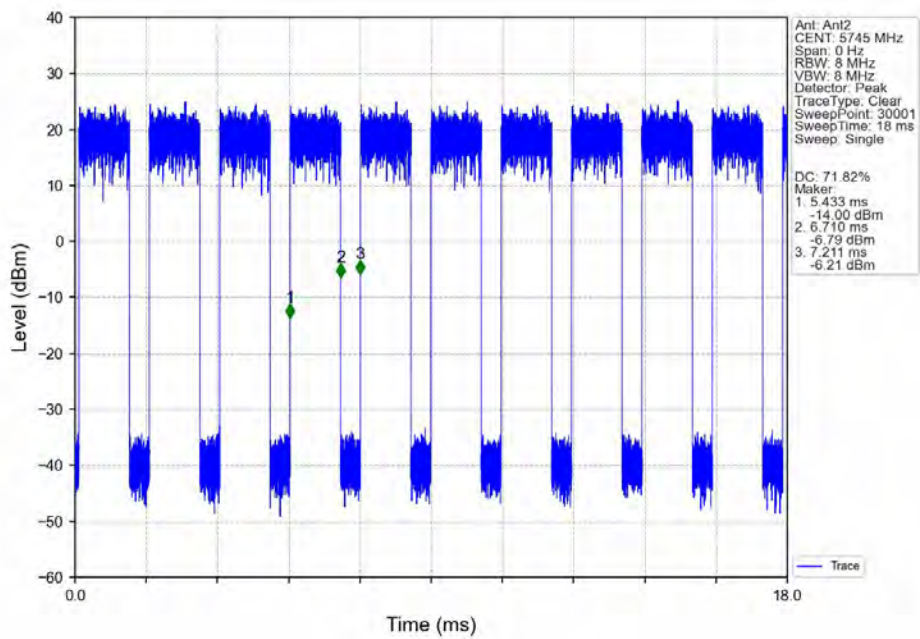
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



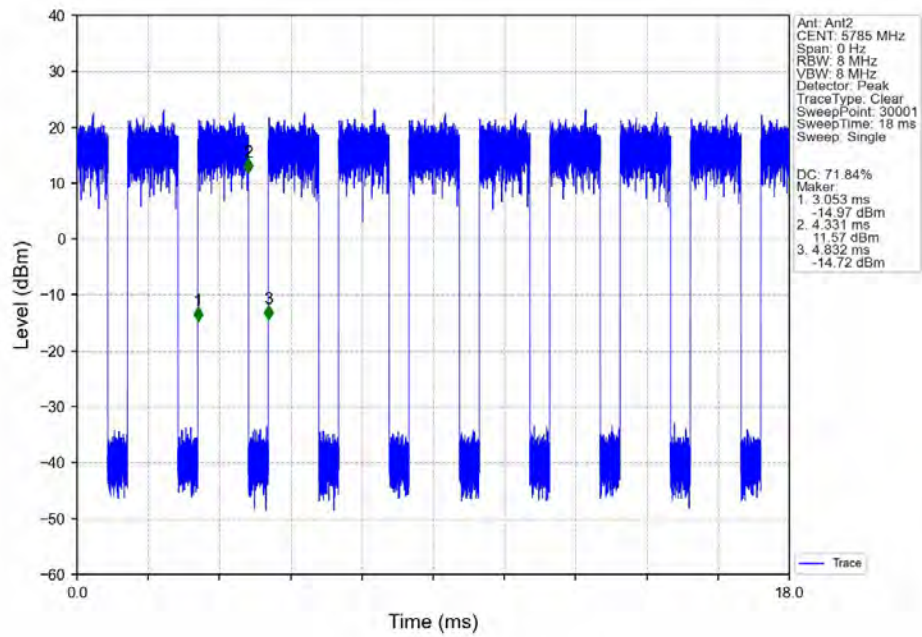
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



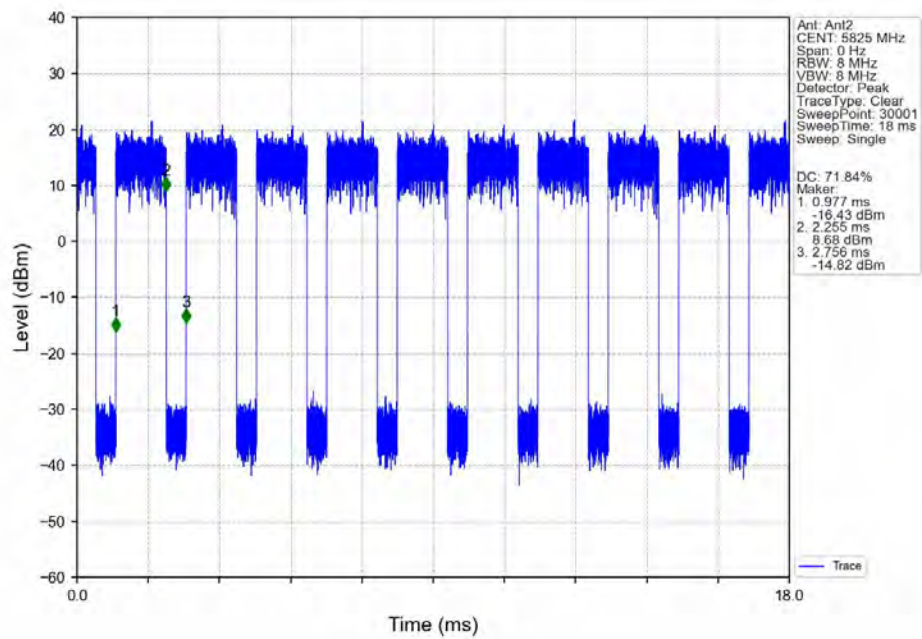
802.11ac(VHT20)_LCH_5745MHz_Ant2_NTNV



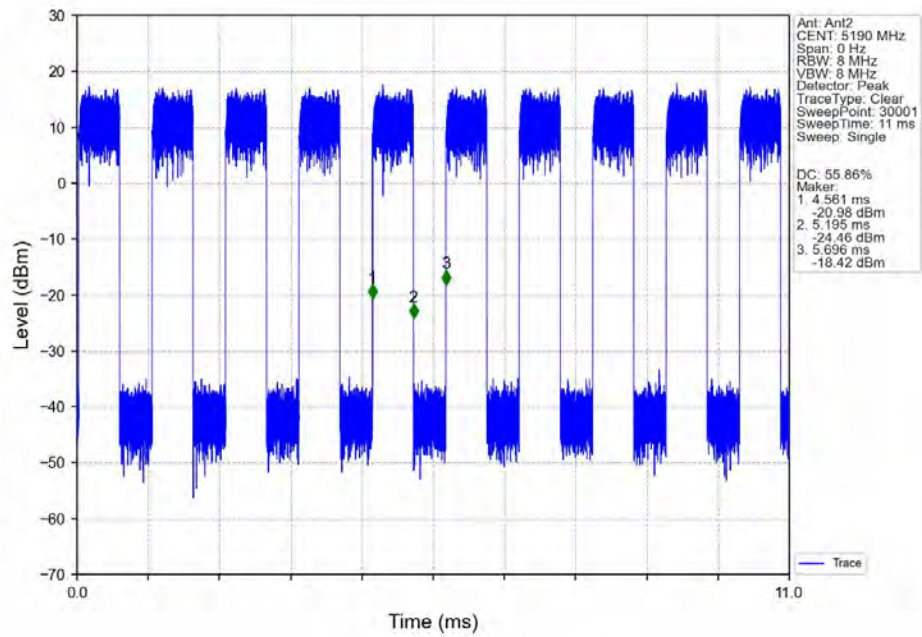
802.11ac(VHT20)_MCH_5785MHz_Ant2_NTNV



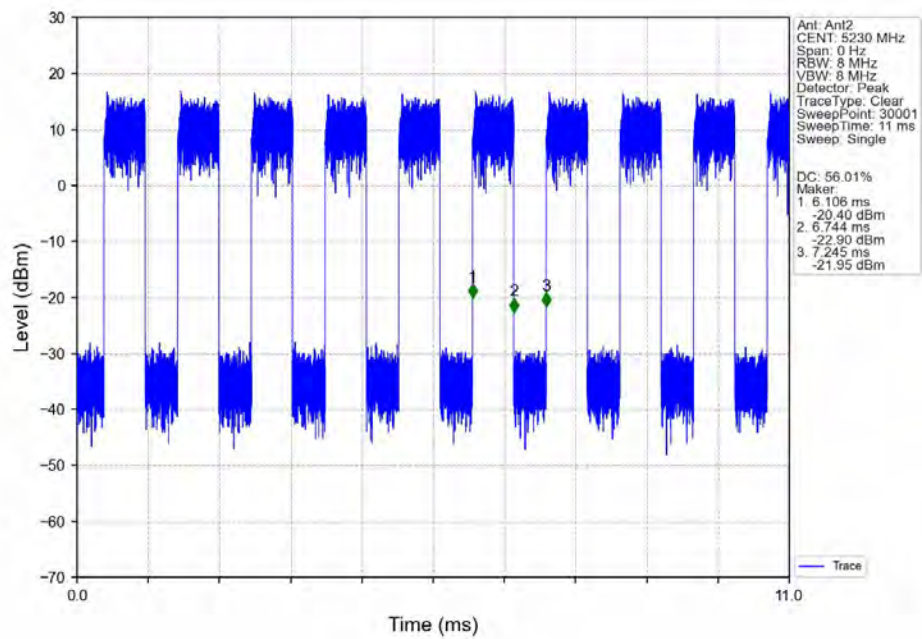
802.11ac(VHT20)_HCH_5825MHz_Ant2_NTNV



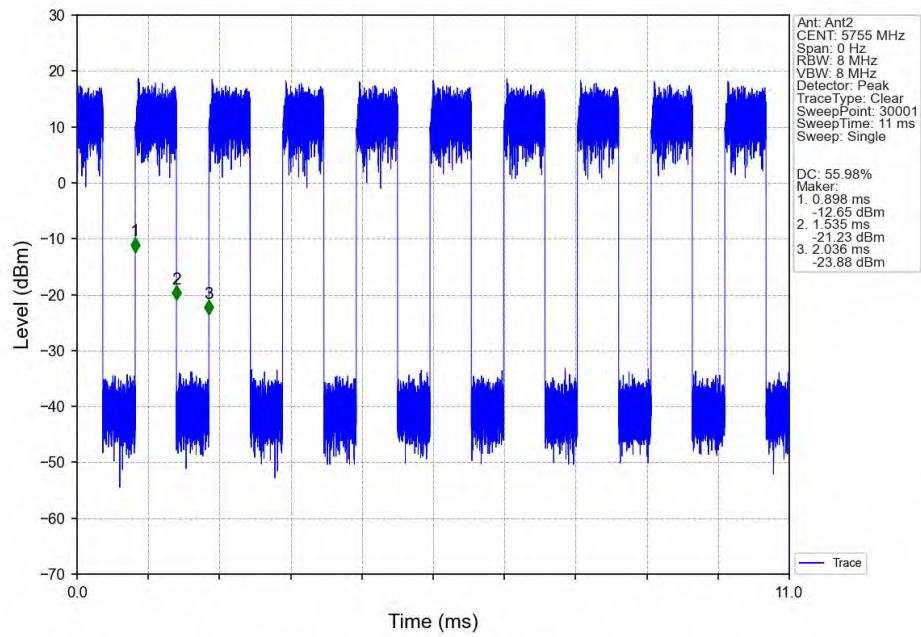
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



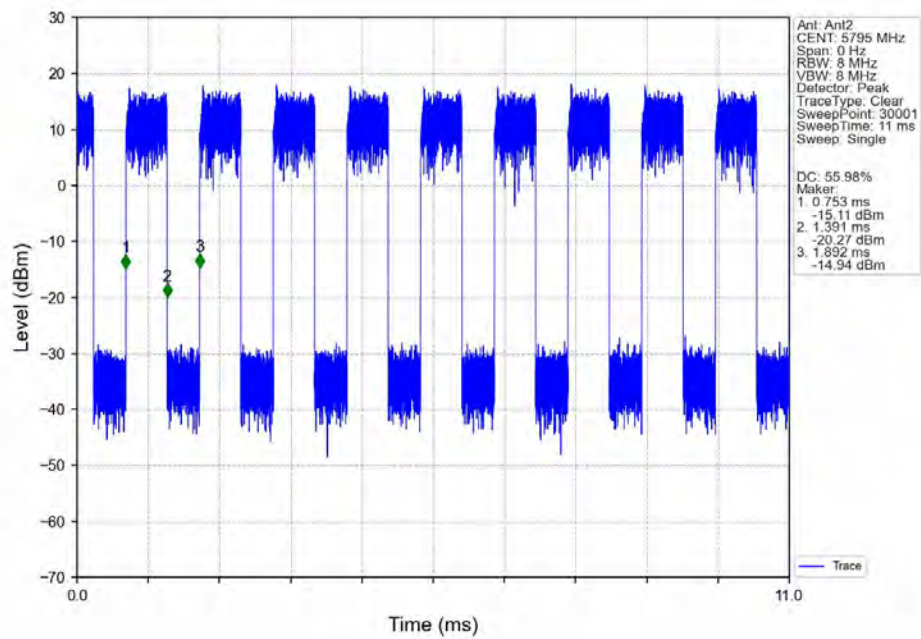
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



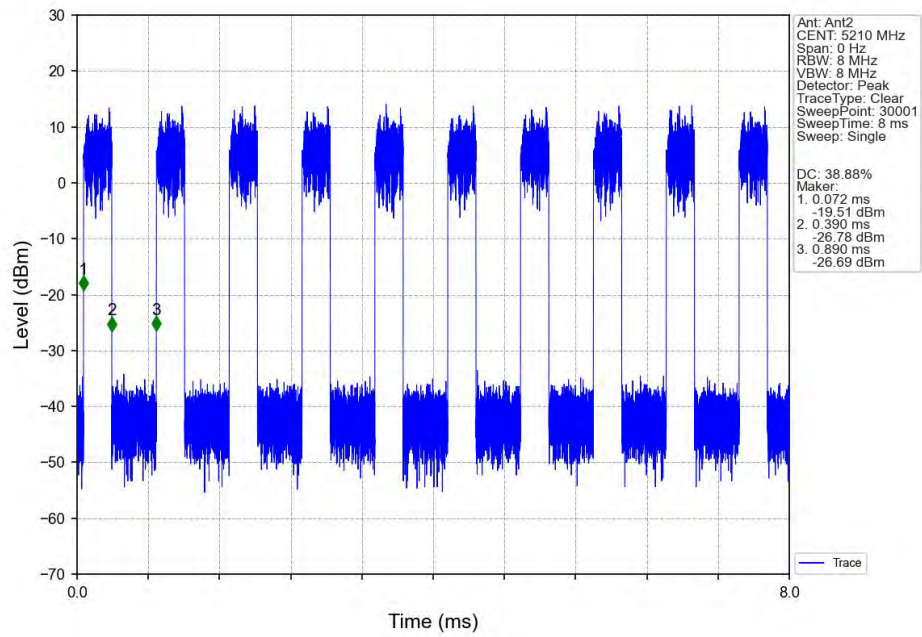
802.11ac(VHT40)_LCH_5755MHz_Ant2_NTNV



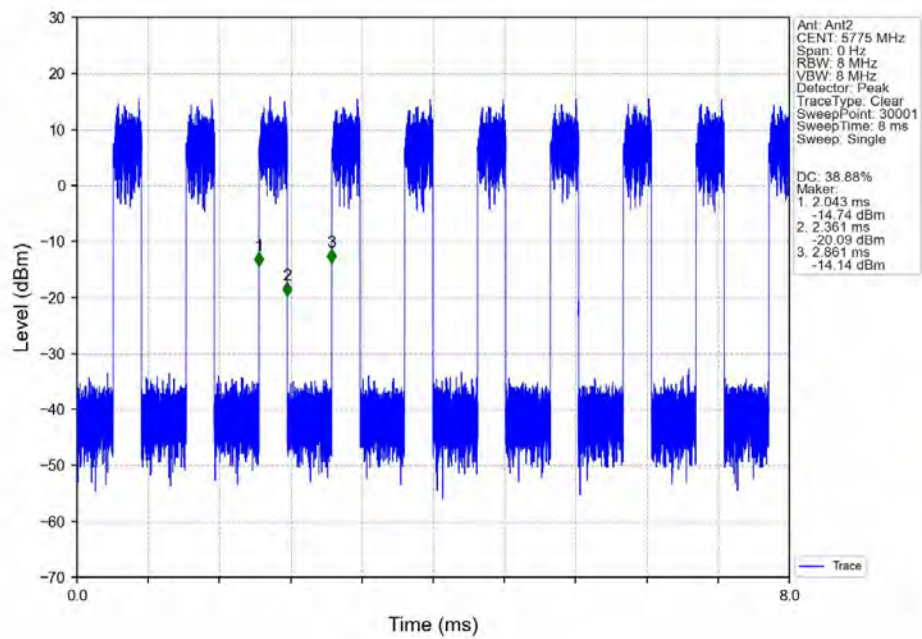
802.11ac(VHT40)_HCH_5795MHz_Ant2_NTNV



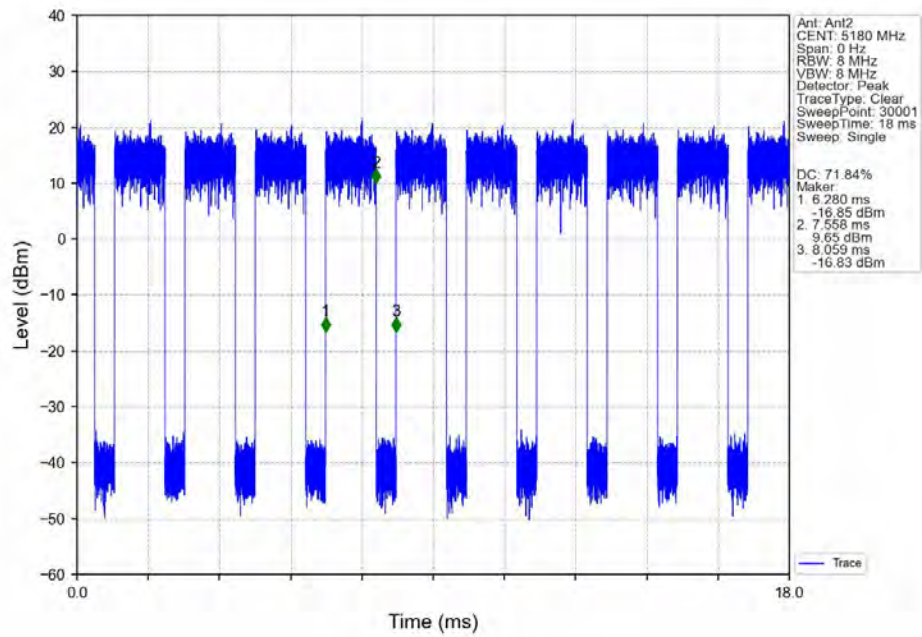
802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



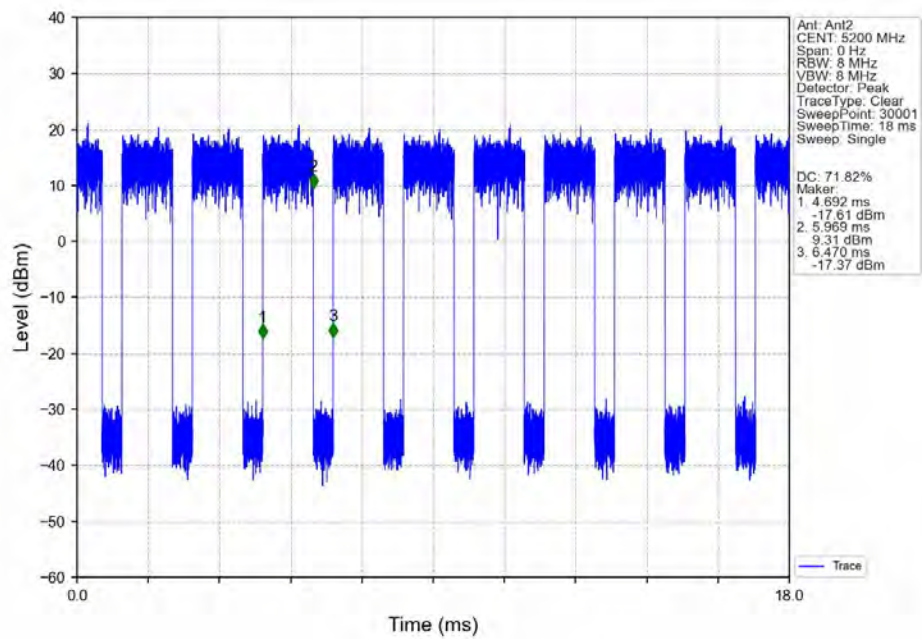
802.11ac(VHT80)_MCH_5775MHz_Ant2_NTNV



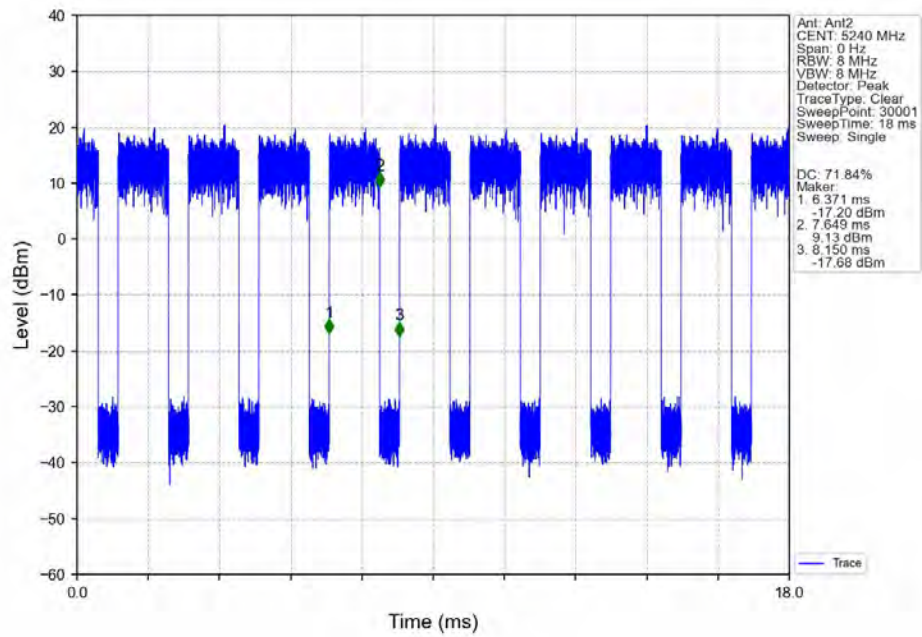
802.11ax(HEW20)_LCH_5180MHz_Ant2_NTNV



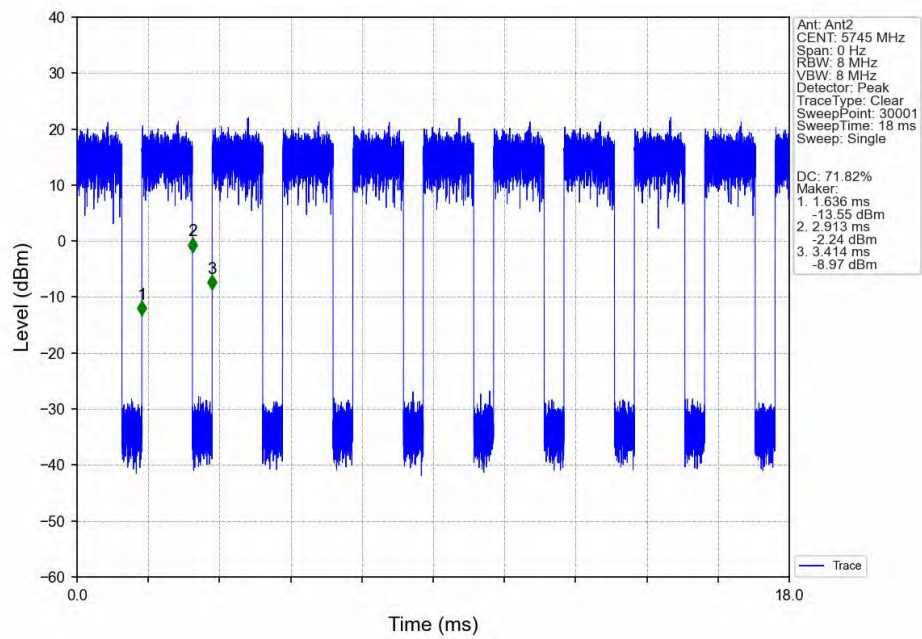
802.11ax(HEW20)_MCH_5200MHz_Ant2_NTNV



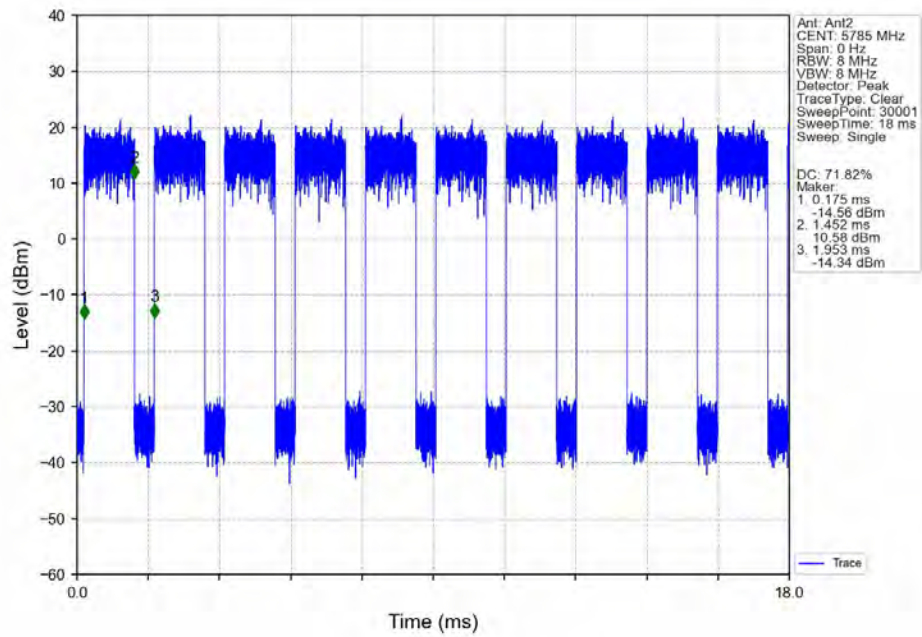
802.11ax(HEW20)_HCH_5240MHz_Ant2_NTNV



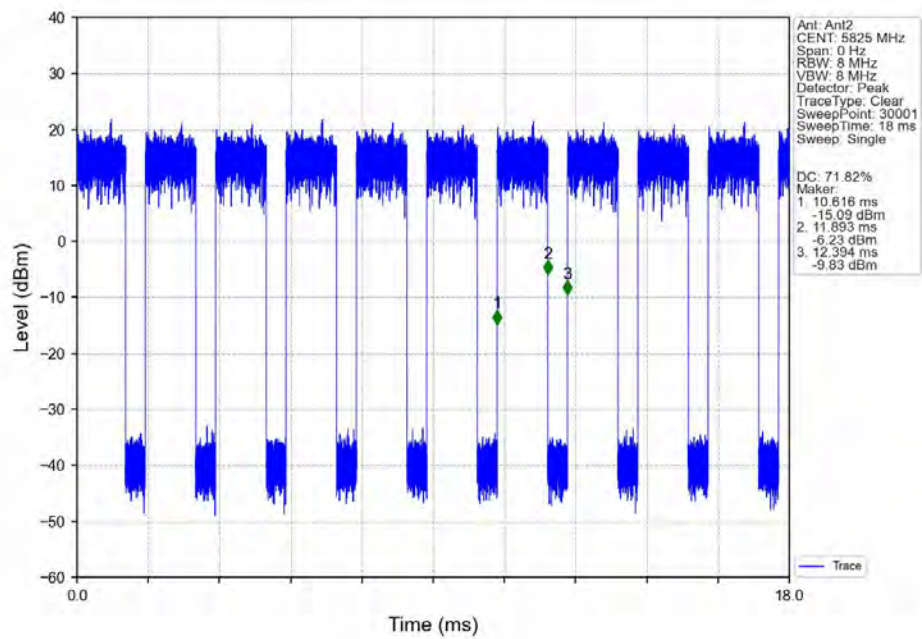
802.11ax(HEW20)_LCH_5745MHz_Ant2_NTNV



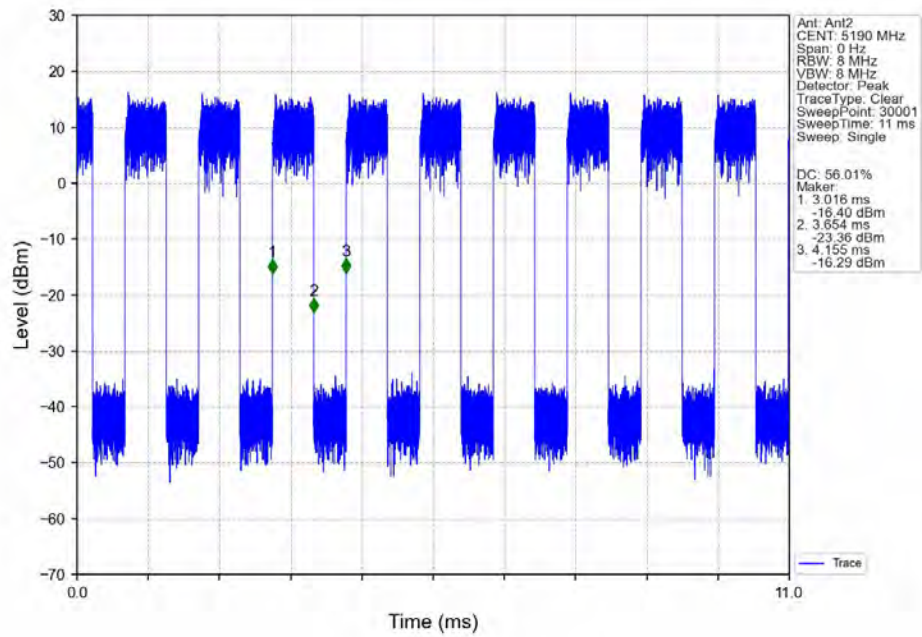
802.11ax(HEW20)_MCH_5785MHz_Ant2_NTNV



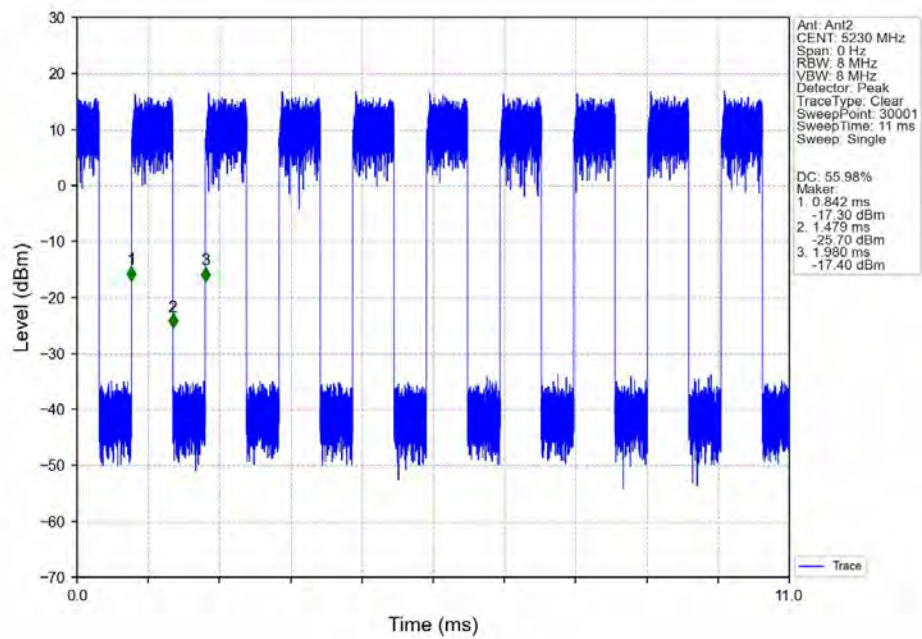
802.11ax(HEW20)_HCH_5825MHz_Ant2_NTNV



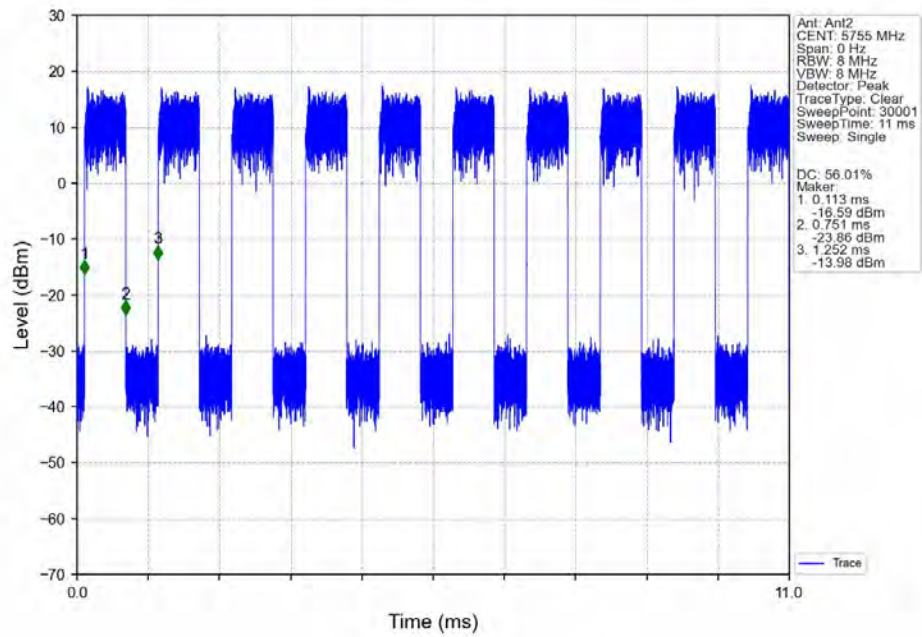
802.11ax(HEW40) LCH_5190MHz_Ant2_NTNV



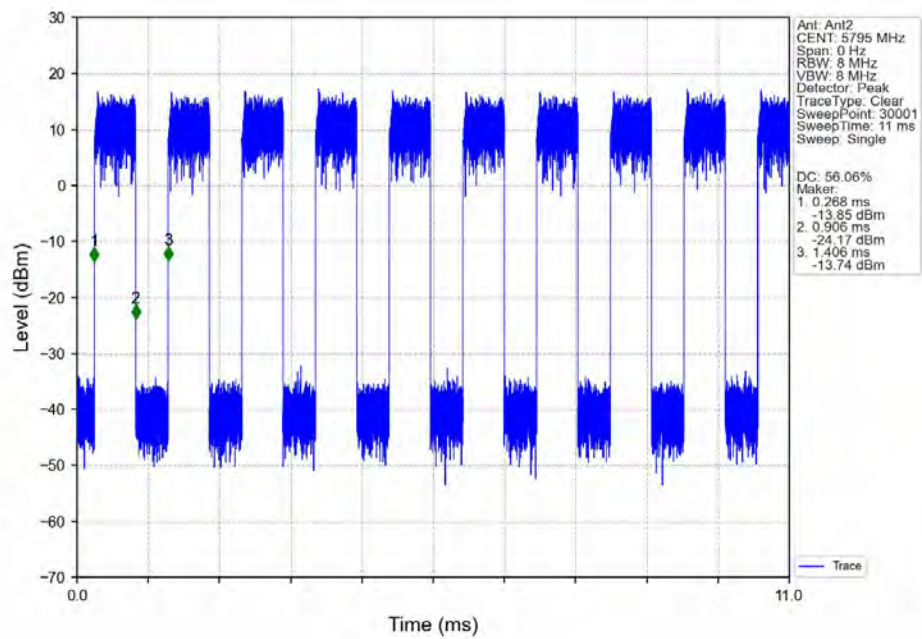
802.11ax(HEW40) HCH_5230MHz_Ant2_NTNV



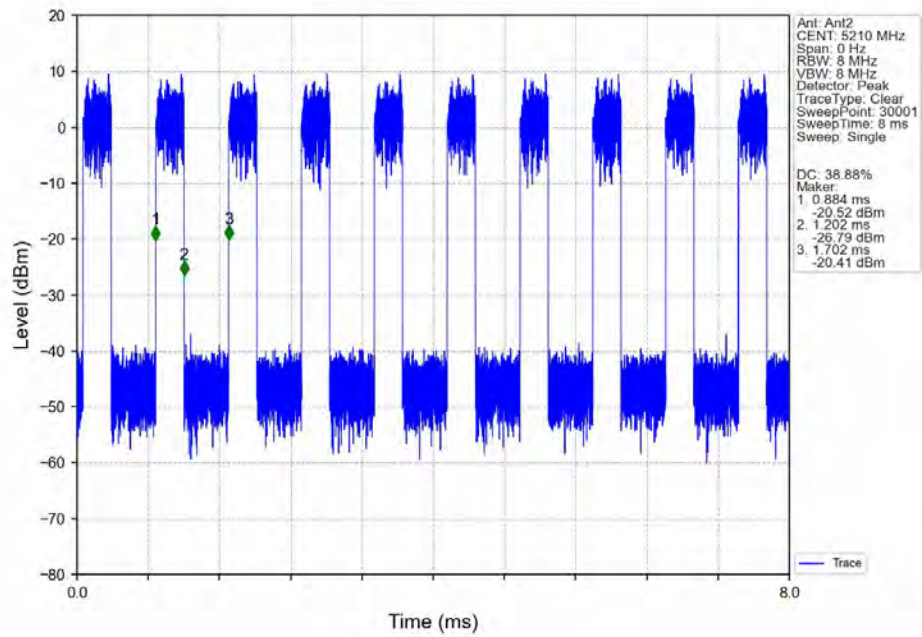
802.11ax(HEW40)_LCH_5755MHz_Ant2_NTNV



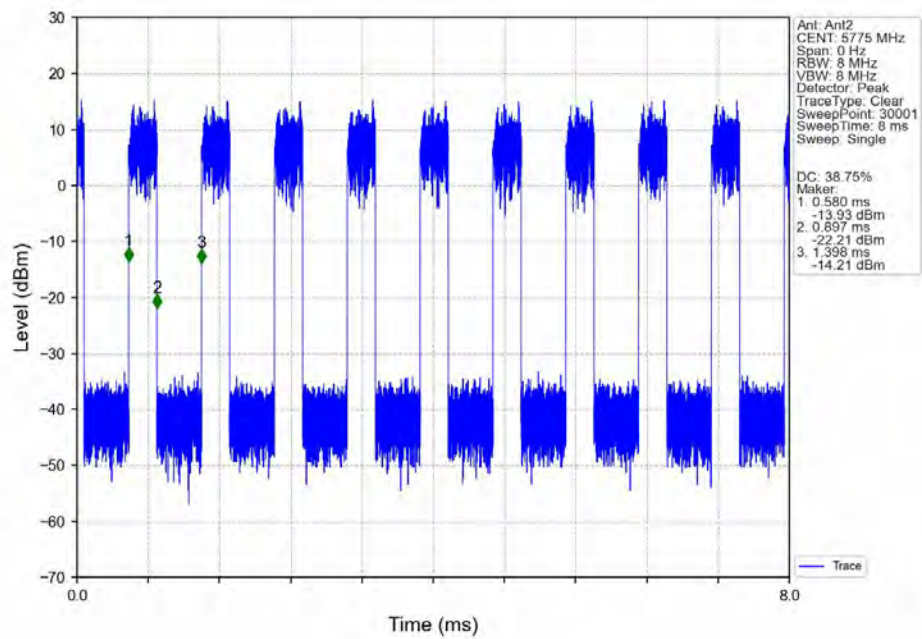
802.11ax(HEW40)_HCH_5795MHz_Ant2_NTNV



802.11ax(HEW80)_MCH_5210MHz_Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_Ant2_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	16.675	/	Pass
					2	16.587	/	Pass
		5200	/	/	1	16.664	/	Pass
					2	16.609	/	Pass
		5240	/	/	1	16.677	/	Pass
					2	16.619	/	Pass
		5745	/	/	1	17.810	/	Pass
					2	16.605	/	Pass
		5785	/	/	1	17.799	/	Pass
					2	16.611	/	Pass
		5825	/	/	1	16.686	/	Pass
					2	16.605	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	17.774	/	Pass
					2	17.767	/	Pass
		5200	/	/	1	17.772	/	Pass
					2	17.777	/	Pass
		5240	/	/	1	17.788	/	Pass
					2	17.763	/	Pass
		5745	/	/	1	17.841	/	Pass
					2	17.964	/	Pass
		5785	/	/	1	17.815	/	Pass
					2	17.875	/	Pass
		5825	/	/	1	17.804	/	Pass
					2	17.785	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	36.435	/	Pass
					2	36.363	/	Pass
		5230	/	/	1	36.510	/	Pass
					2	36.532	/	Pass
		5755	/	/	1	36.730	/	Pass
					2	36.615	/	Pass
		5795	/	/	1	36.648	/	Pass
					2	36.537	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	17.735	/	Pass
					2	17.720	/	Pass
		5200	/	/	1	17.722	/	Pass
					2	17.741	/	Pass
		5240	/	/	1	17.740	/	Pass
					2	17.748	/	Pass
		5745	/	/	1	17.785	/	Pass
					2	17.866	/	Pass
		5785	/	/	1	17.778	/	Pass
					2	17.742	/	Pass
		5825	/	/	1	17.756	/	Pass
					2	17.735	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	36.554	/	Pass
					2	36.504	/	Pass
		5230	/	/	1	36.309	/	Pass

		5755	/	/	2	36.367	/	Pass
					1	36.515	/	Pass
					2	36.345	/	Pass
		5795	/	/	1	36.406	/	Pass
					2	36.305	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	1	74.812	/	Pass
					2	74.614	/	Pass
		5775	/	/	1	74.746	/	Pass
					2	74.898	/	Pass
802.11ax (HEW20)	SISO	5180	/	/	1	17.752	/	Pass
					2	17.724	/	Pass
		5200	/	/	1	17.732	/	Pass
					2	17.737	/	Pass
		5240	/	/	1	17.750	/	Pass
					2	17.758	/	Pass
		5745	/	/	1	18.128	/	Pass
					2	17.725	/	Pass
		5785	/	/	1	17.766	/	Pass
					2	17.721	/	Pass
802.11ax (HEW40)	SISO	5190	/	/	1	36.332	/	Pass
					2	36.269	/	Pass
		5230	/	/	1	36.337	/	Pass
					2	36.375	/	Pass
		5755	/	/	1	36.351	/	Pass
					2	36.287	/	Pass
		5795	/	/	1	36.321	/	Pass
					2	36.313	/	Pass
802.11ax (HEW80)	SISO	5210	/	/	1	74.837	/	Pass
					2	74.737	/	Pass
		5775	/	/	1	75.051	/	Pass
					2	74.856	/	Pass
					2	74.733	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	17.344	>=0.5	Pass
					2	16.363	>=0.5	Pass
		5785	/	/	1	17.324	>=0.5	Pass
					2	16.393	>=0.5	Pass
		5825	/	/	1	16.364	>=0.5	Pass
					2	16.363	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.334	>=0.5	Pass
					2	17.574	>=0.5	Pass
		5785	/	/	1	17.087	>=0.5	Pass
					2	17.541	>=0.5	Pass
		5825	/	/	1	17.588	>=0.5	Pass
					2	17.565	>=0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	35.194	>=0.5	Pass
					2	35.204	>=0.5	Pass
		5795	/	/	1	35.202	>=0.5	Pass
					2	35.195	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.294	>=0.5	Pass
					2	17.573	>=0.5	Pass
		5785	/	/	1	17.112	>=0.5	Pass

		5825	/	/	2	17.552	>=0.5	Pass
					1	17.551	>=0.5	Pass
					2	17.544	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	35.204	>=0.5	Pass
					2	35.188	>=0.5	Pass
		5795	/	/	1	35.210	>=0.5	Pass
					2	35.175	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	75.100	>=0.5	Pass
					2	75.111	>=0.5	Pass
802.11ax (HEW20)	SISO	5745	/	/	1	17.001	>=0.5	Pass
					2	17.568	>=0.5	Pass
		5785	/	/	1	17.302	>=0.5	Pass
					2	17.313	>=0.5	Pass
		5825	/	/	1	17.533	>=0.5	Pass
					2	17.577	>=0.5	Pass
802.11ax (HEW40)	SISO	5755	/	/	1	35.186	>=0.5	Pass
					2	35.181	>=0.5	Pass
		5795	/	/	1	35.197	>=0.5	Pass
					2	35.184	>=0.5	Pass
802.11ax (HEW80)	SISO	5775	/	/	1	75.073	>=0.5	Pass
					2	75.107	>=0.5	Pass

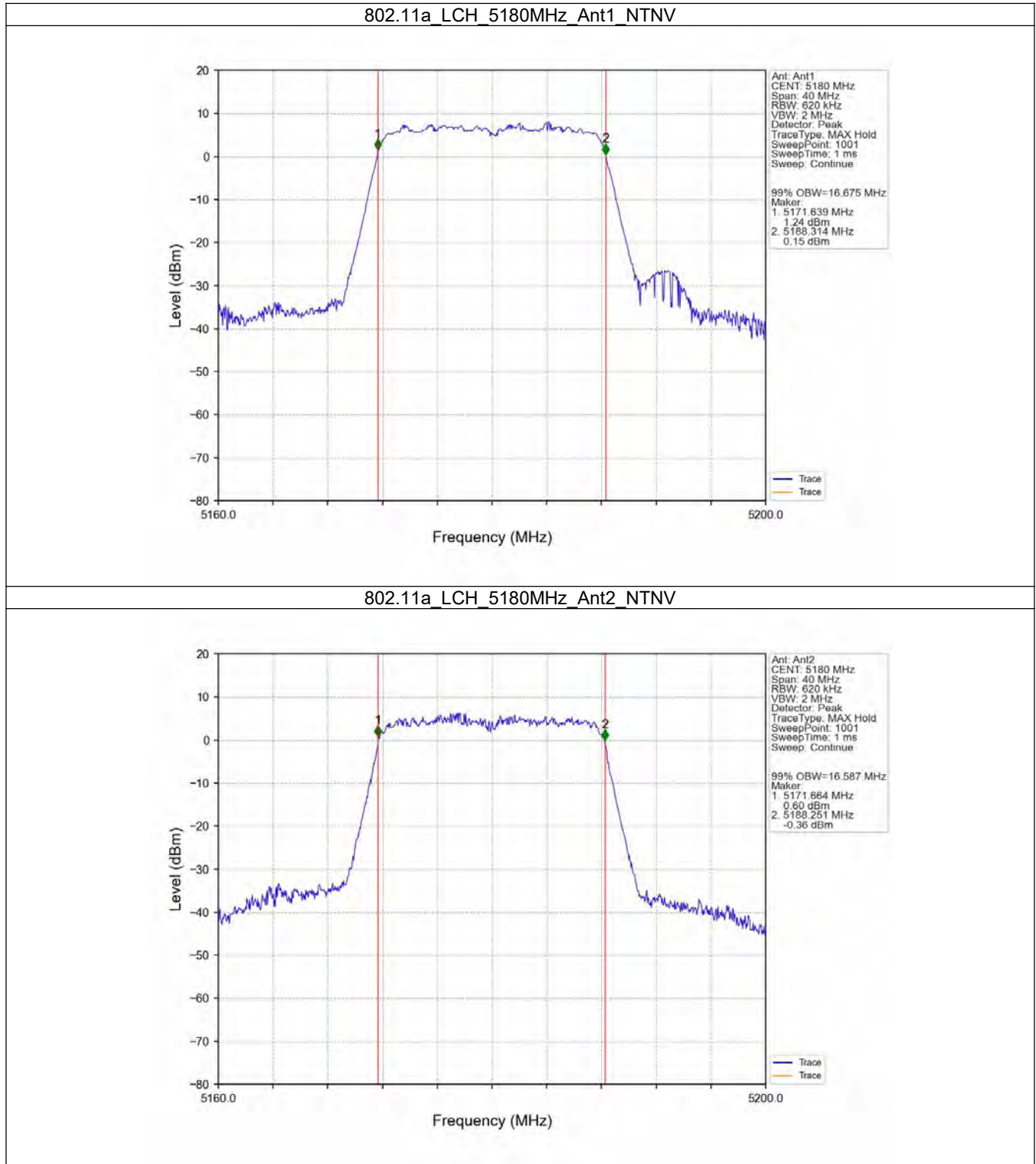
2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	18.431	/	Pass
					2	18.264	/	Pass
		5200	/	/	1	18.438	/	Pass
					2	18.411	/	Pass
		5240	/	/	1	18.506	/	Pass
					2	18.353	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	19.374	/	Pass
					2	19.332	/	Pass
		5200	/	/	1	19.355	/	Pass
					2	19.367	/	Pass
		5240	/	/	1	19.335	/	Pass
					2	19.395	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	41.045	/	Pass
					2	41.009	/	Pass
		5230	/	/	1	41.192	/	Pass
					2	41.042	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	19.379	/	Pass
					2	19.342	/	Pass
		5200	/	/	1	19.365	/	Pass
					2	19.422	/	Pass
		5240	/	/	1	19.339	/	Pass
					2	19.441	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	41.002	/	Pass
					2	40.944	/	Pass
		5230	/	/	1	40.885	/	Pass
					2	41.333	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	1	81.060	/	Pass
					2	80.591	/	Pass
802.11ax (HEW20)	SISO	5180	/	/	1	19.353	/	Pass
					2	19.397	/	Pass
		5200	/	/	1	19.357	/	Pass
					2	19.386	/	Pass

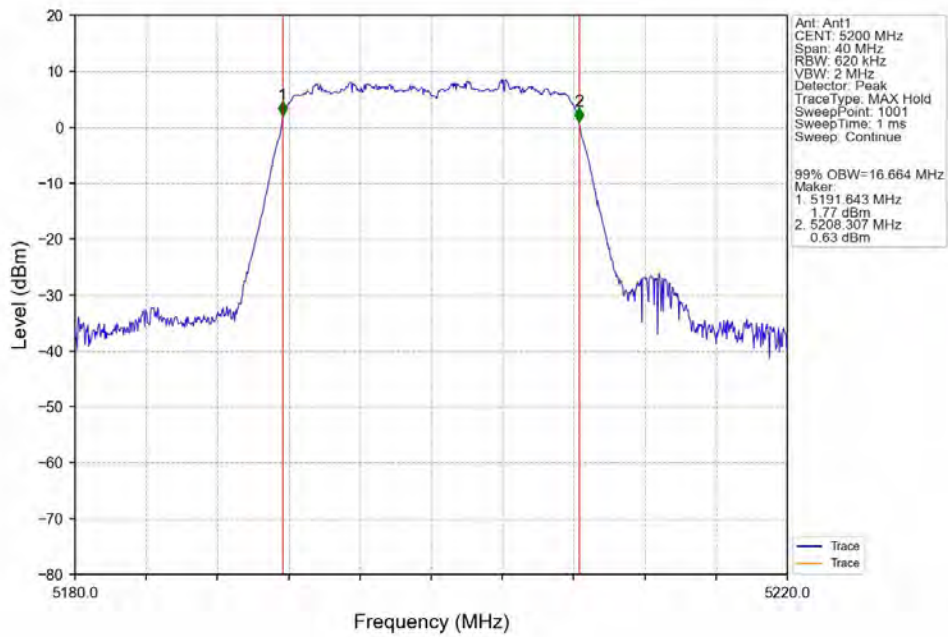
		5240	/	/	1	19.436	/	Pass
					2	19.406	/	Pass
802.11ax (HEW40)	SISO	5190	/	/	1	41.076	/	Pass
					2	40.800	/	Pass
		5230	/	/	1	40.951	/	Pass
					2	40.773	/	Pass
802.11ax (HEW80)	SISO	5210	/	/	1	81.341	/	Pass
					2	80.758	/	Pass

2.2 Test Graph

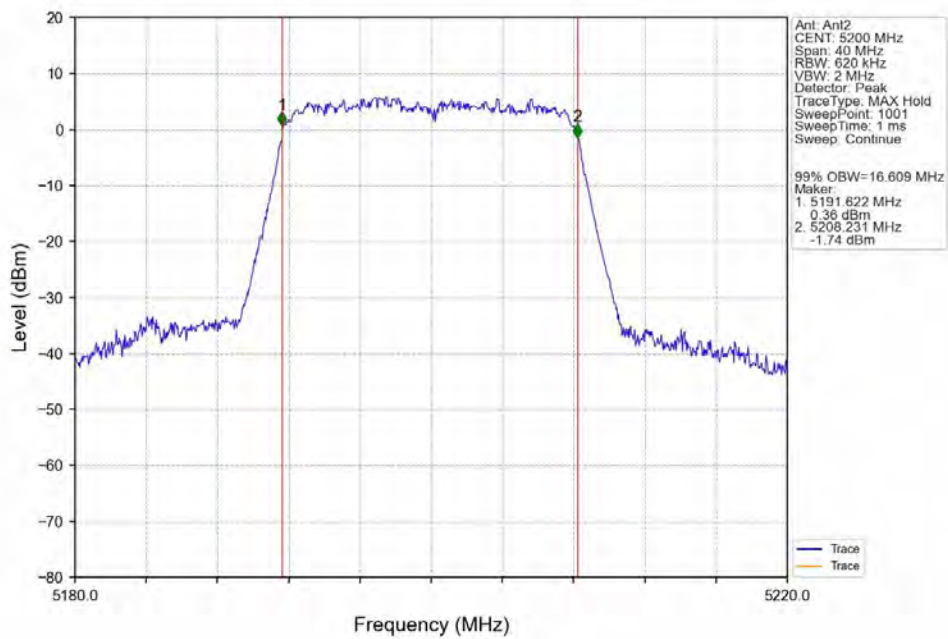
2.2.1 OBW



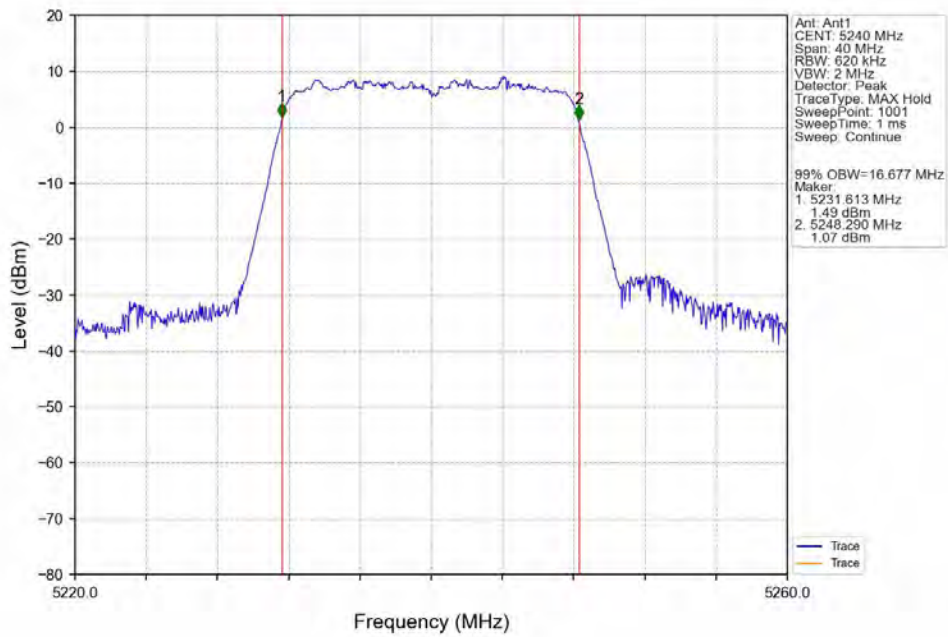
802.11a_MCH_5200MHz_Ant1_NTNV



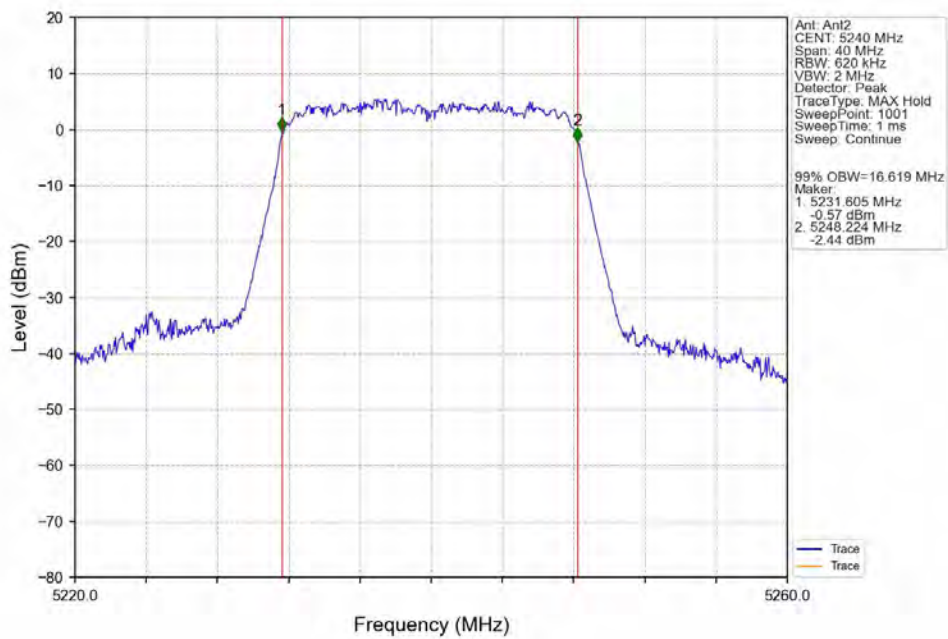
802.11a_MCH_5200MHz_Ant2_NTNV



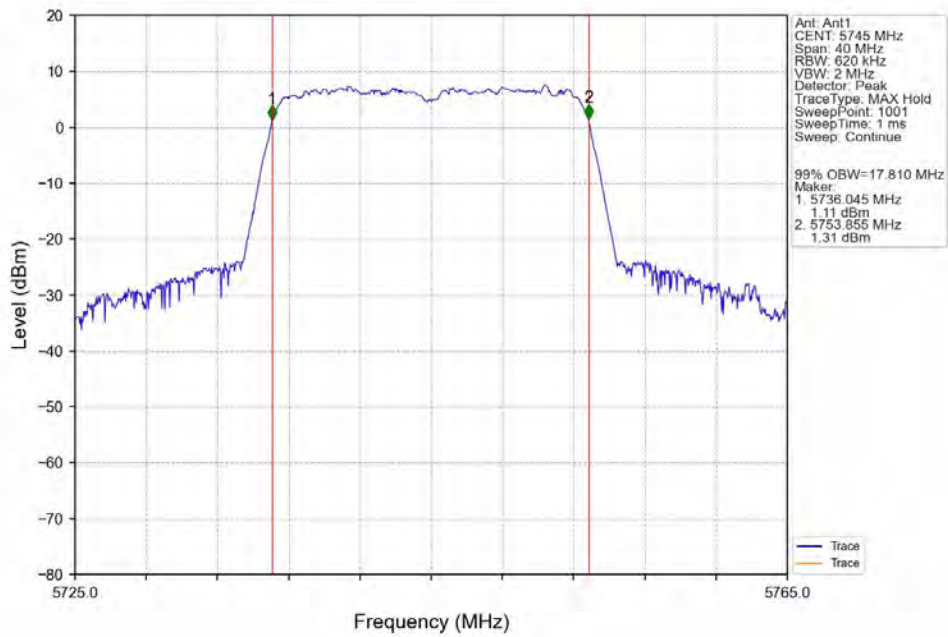
802.11a_HCH_5240MHz_Ant1_NTNV



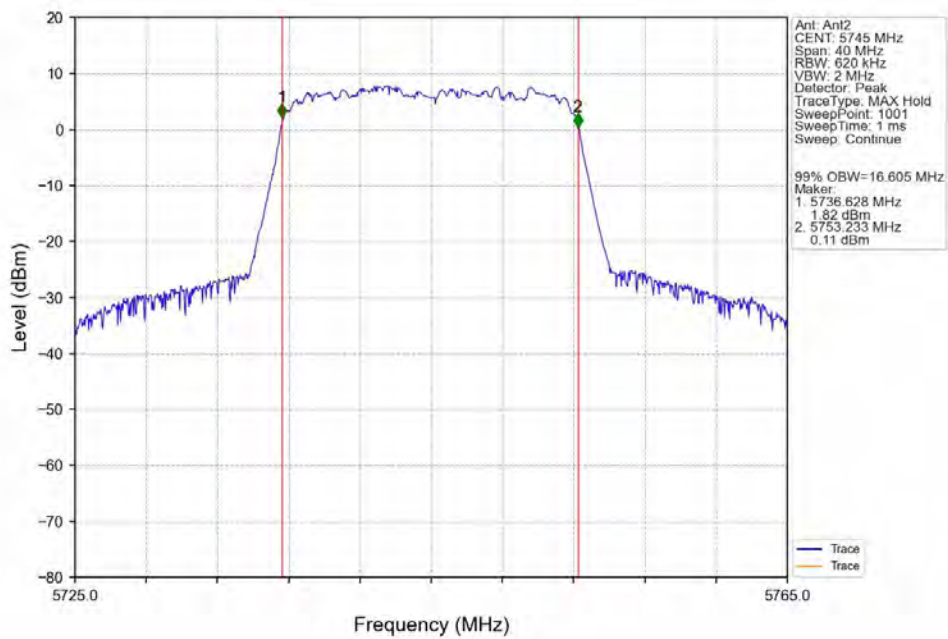
802.11a_HCH_5240MHz_Ant2_NTNV



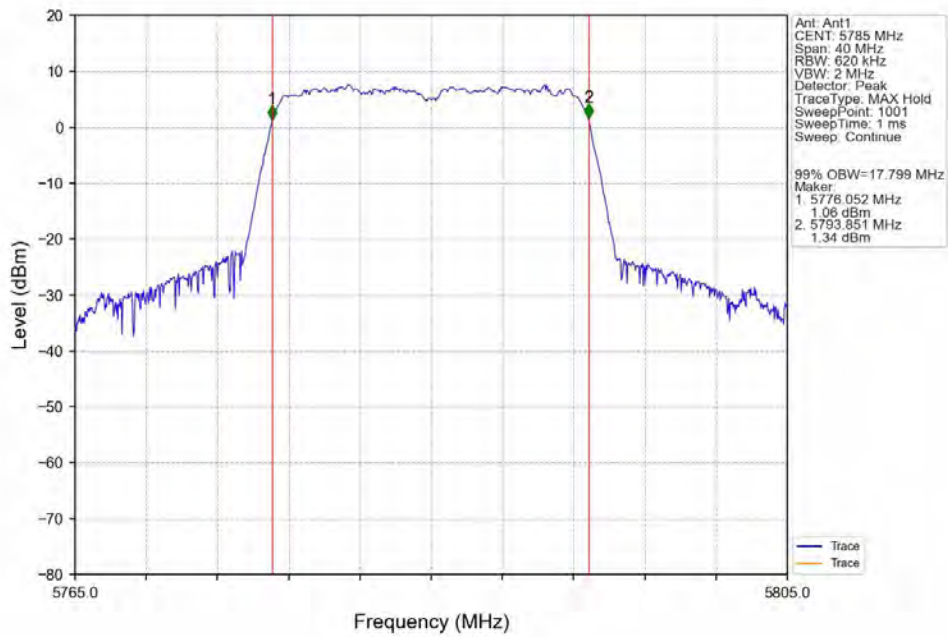
802.11a_LCH_5745MHz_Ant1_NTNV



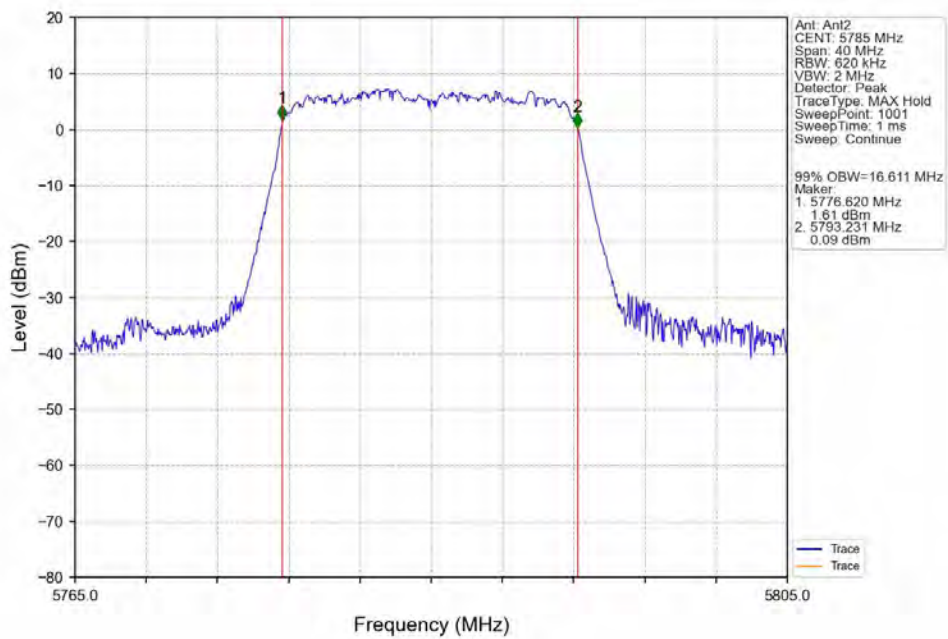
802.11a_LCH_5745MHz_Ant2_NTNV



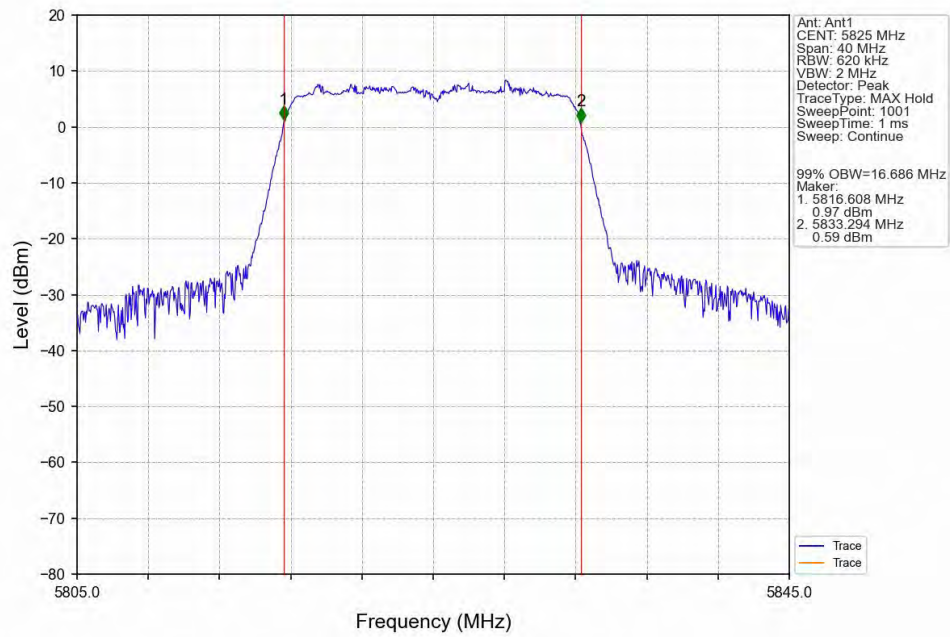
802.11a_MCH_5785MHz_Ant1_NTNV



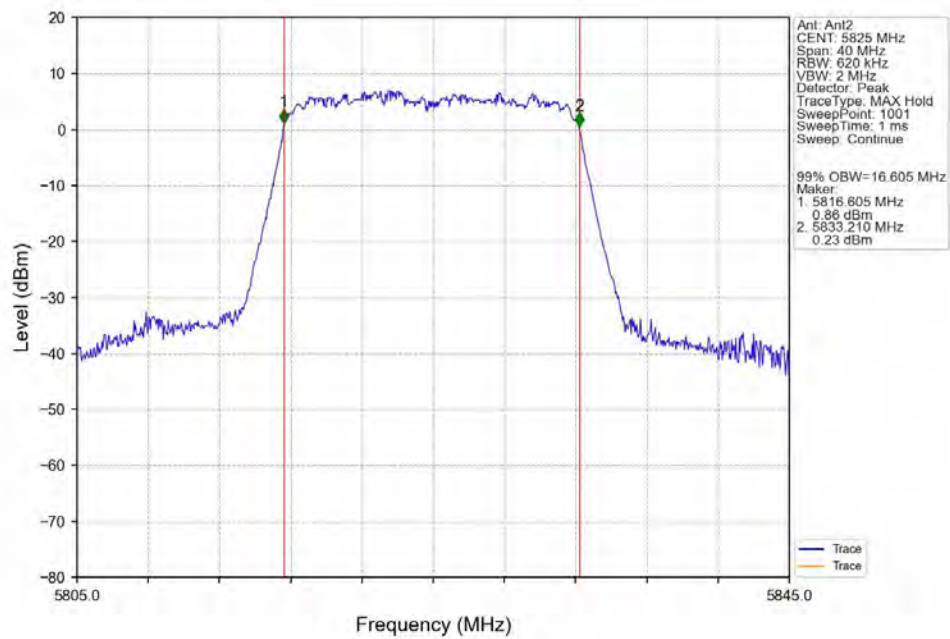
802.11a_MCH_5785MHz_Ant2_NTNV



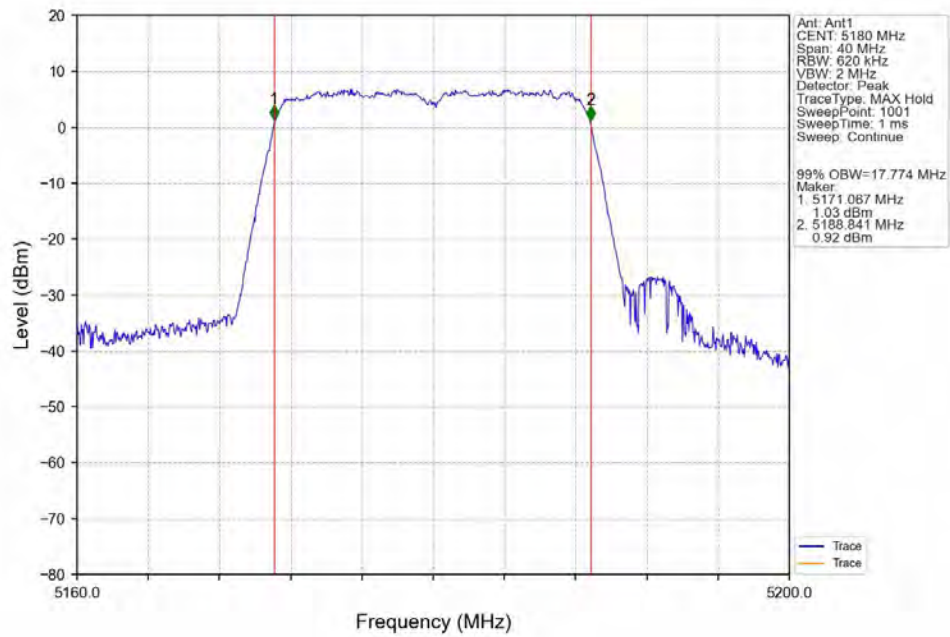
802.11a_HCH_5825MHz_Ant1_NTNV



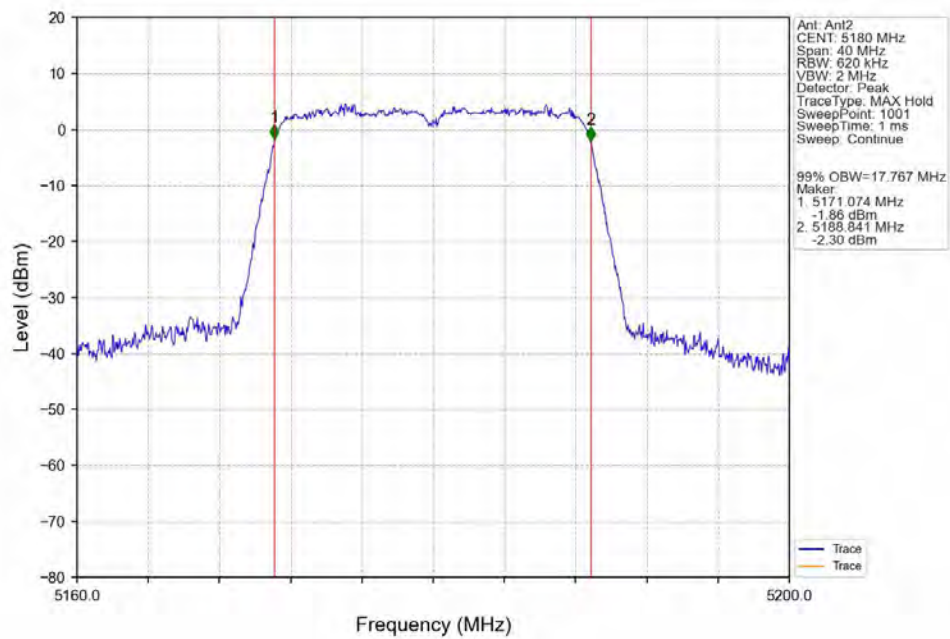
802.11a_HCH_5825MHz_Ant2_NTNV



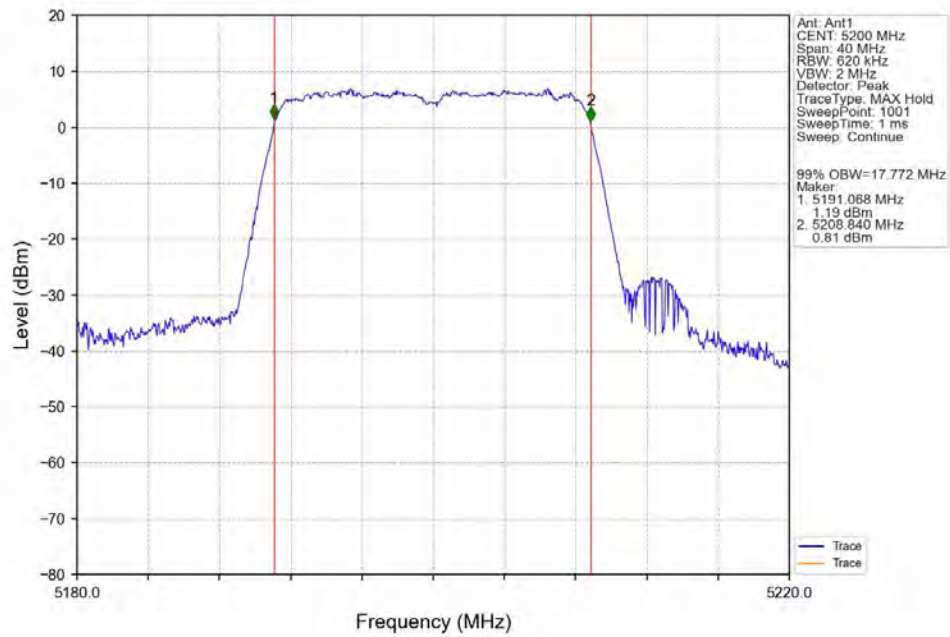
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



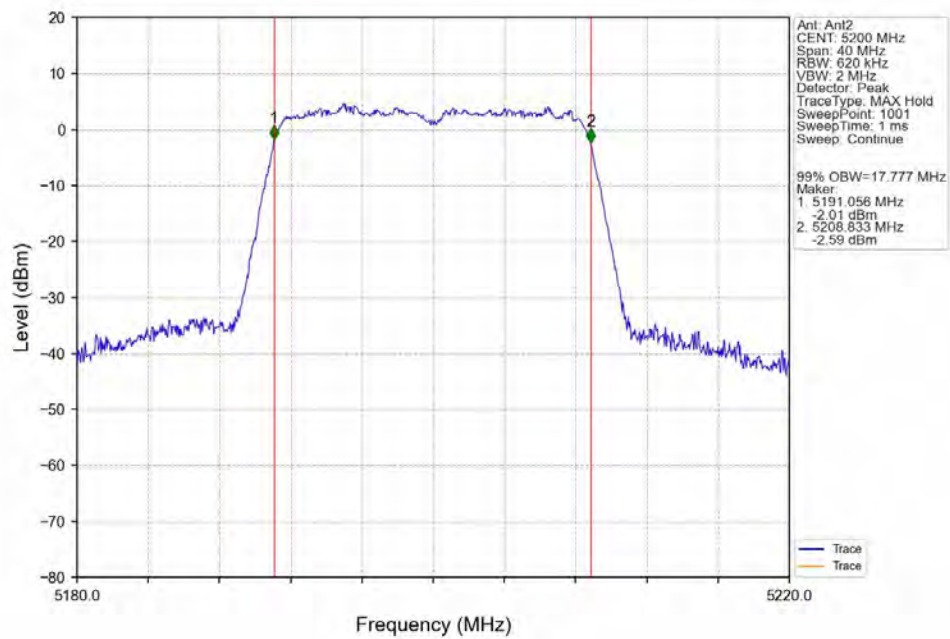
802.11n(HT20)_LCH_5180MHz_Ant2_NTNV



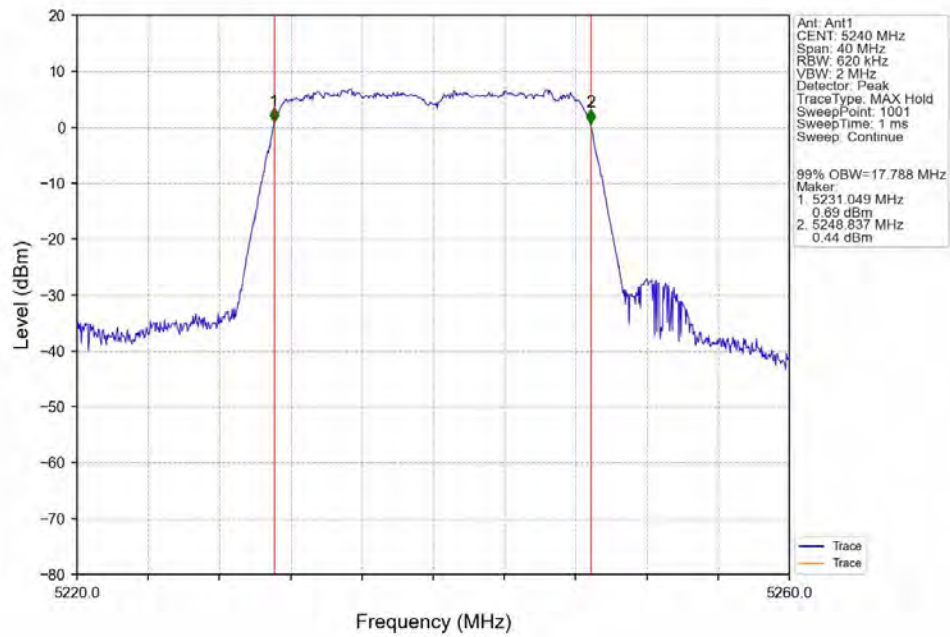
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



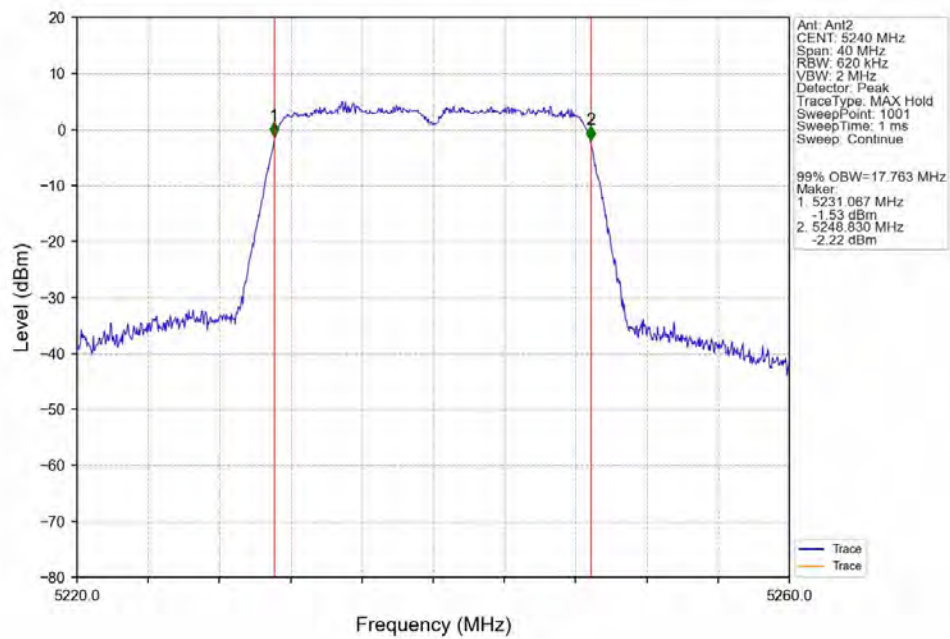
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



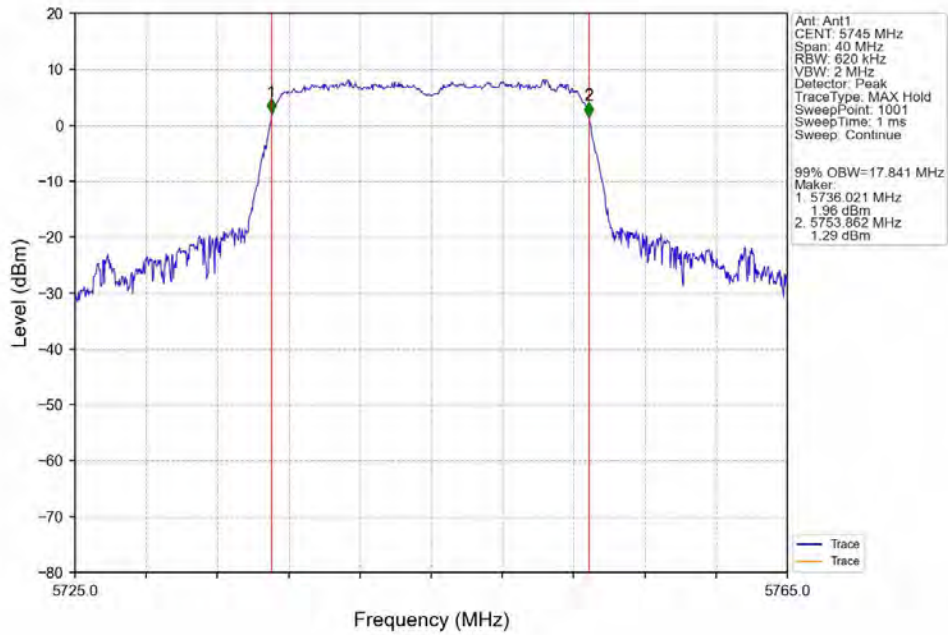
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



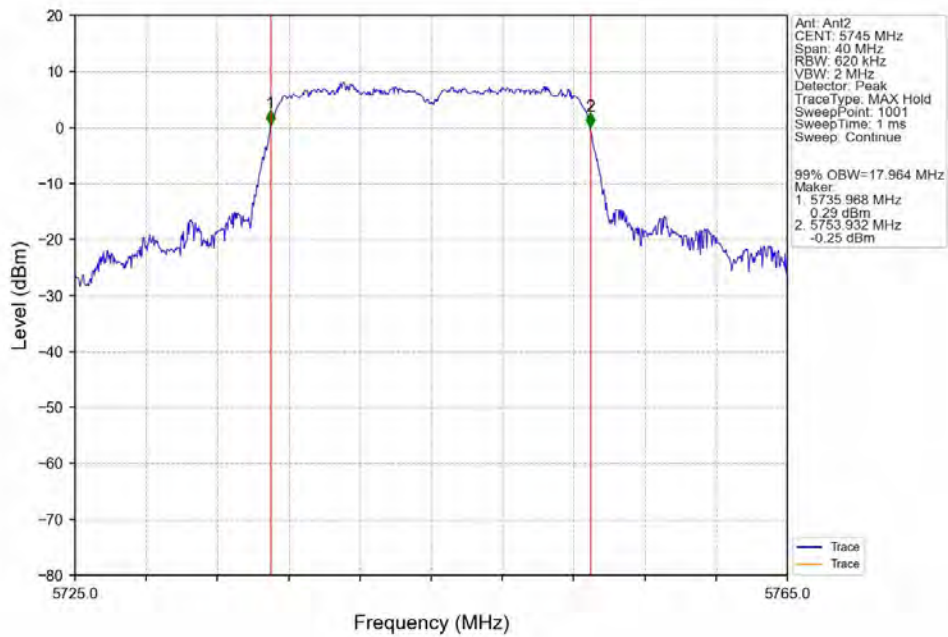
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



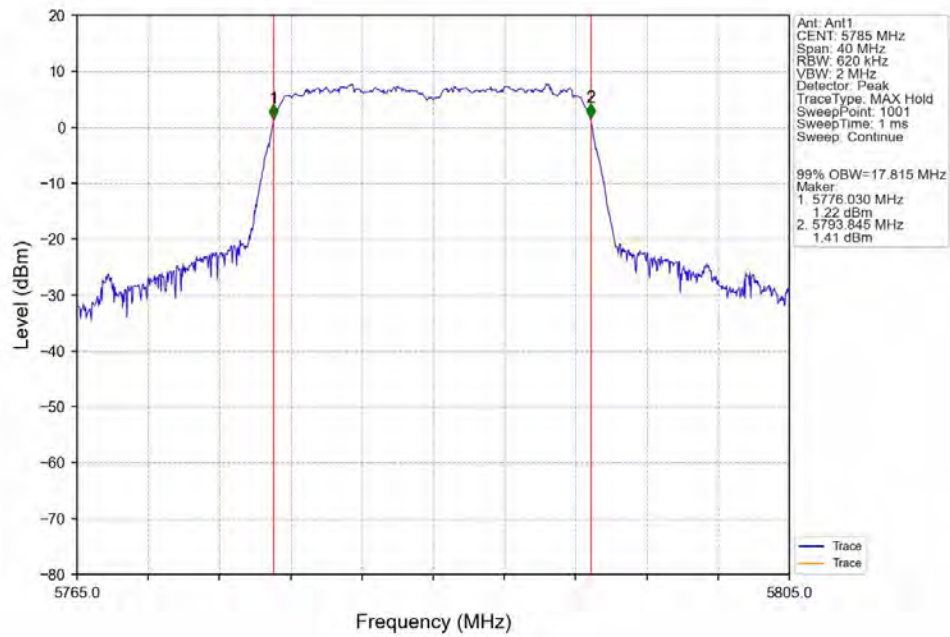
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



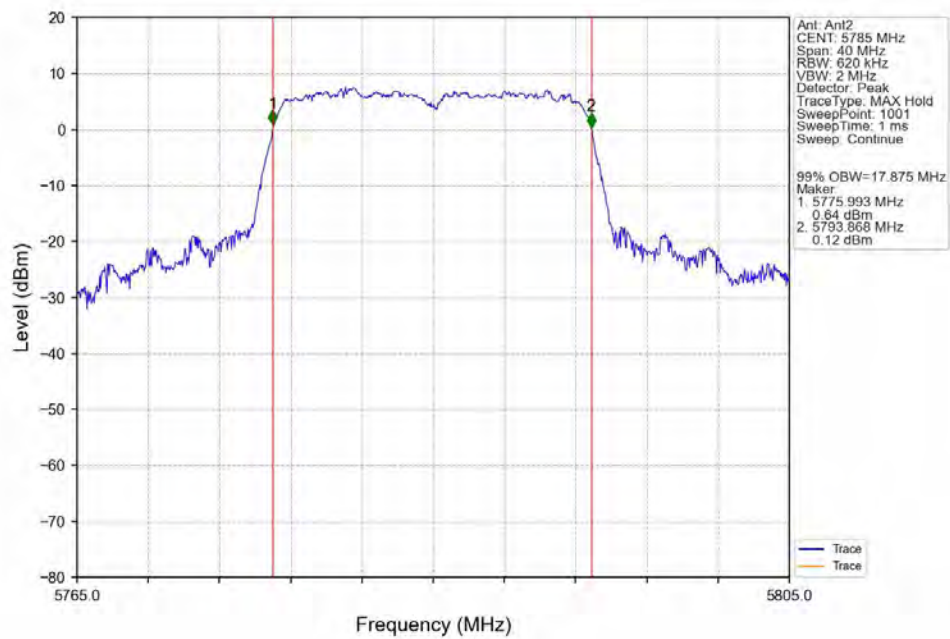
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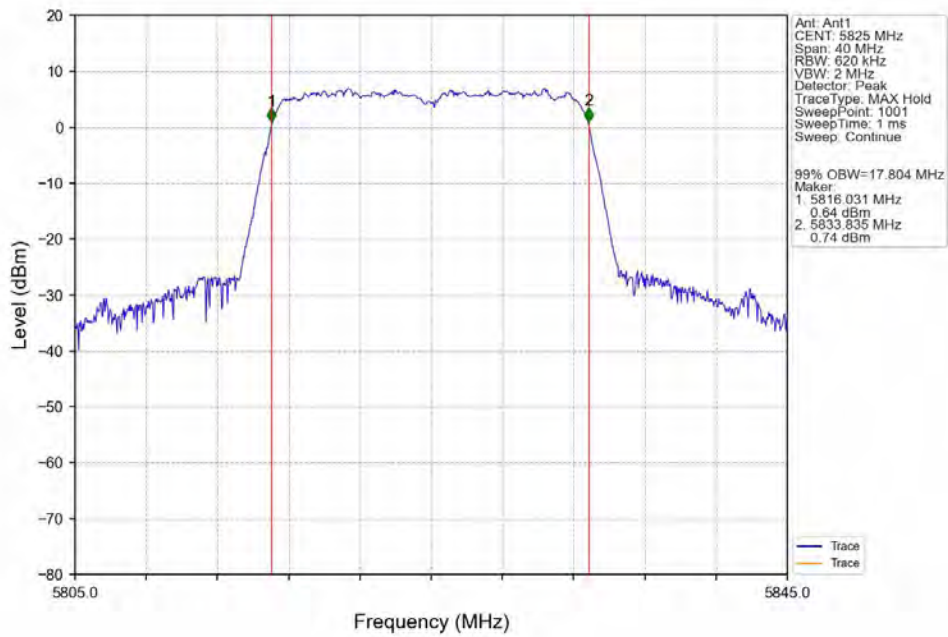
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



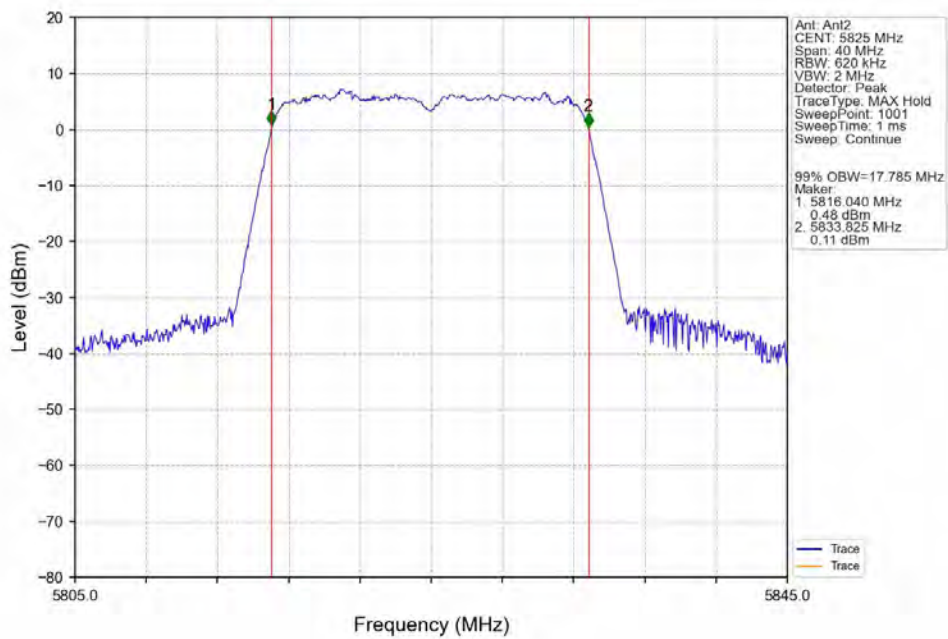
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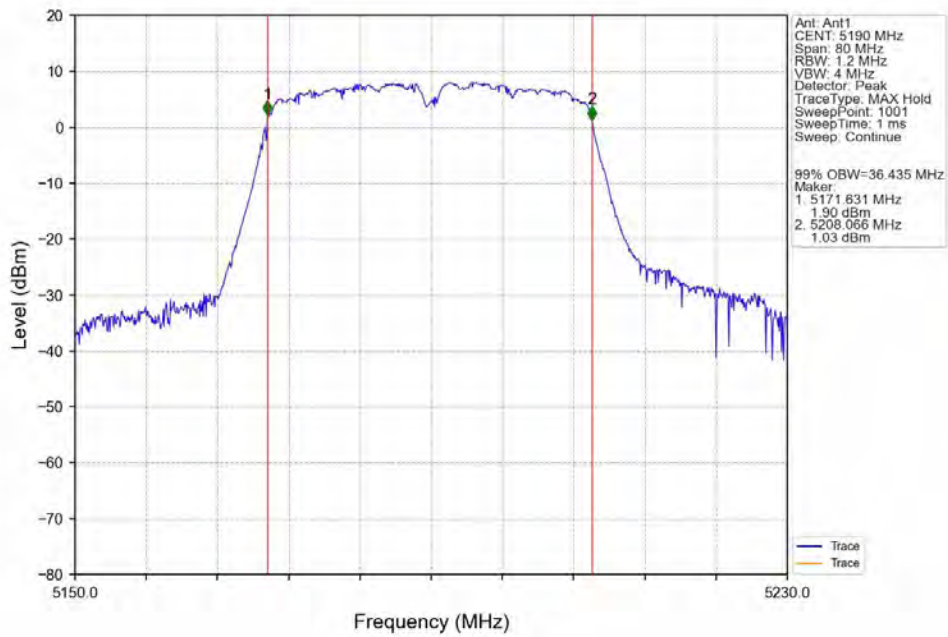
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



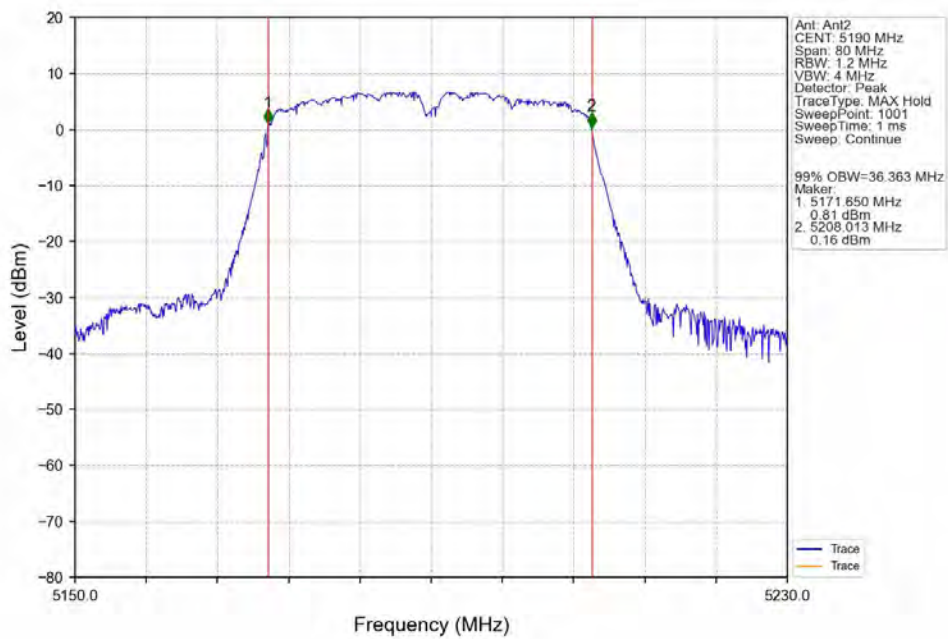
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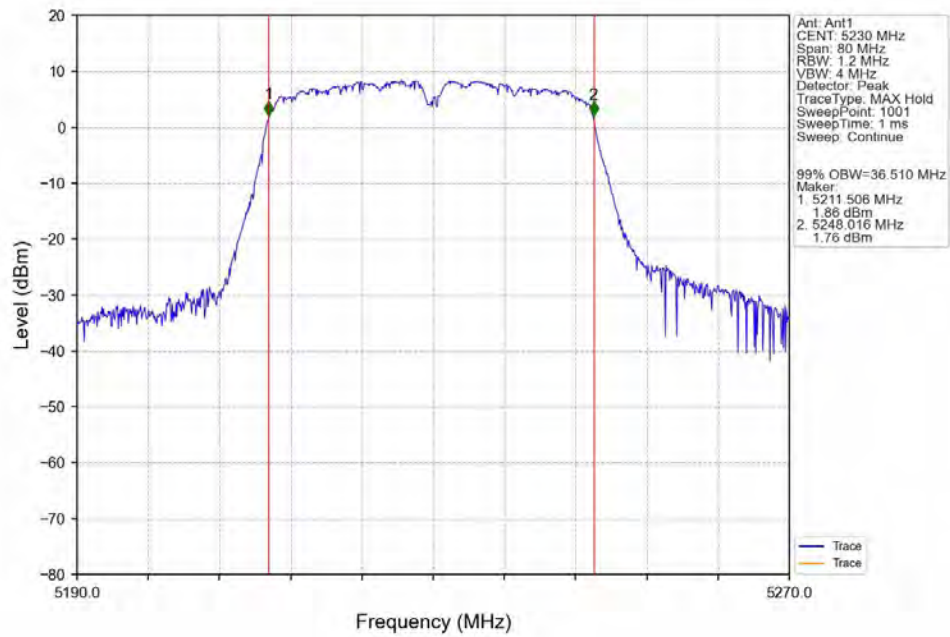
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



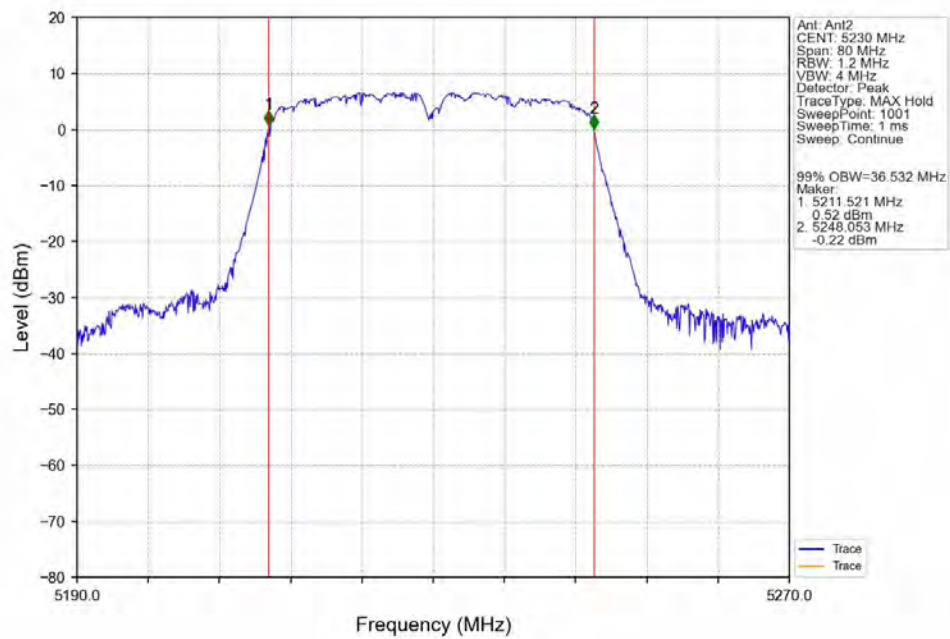
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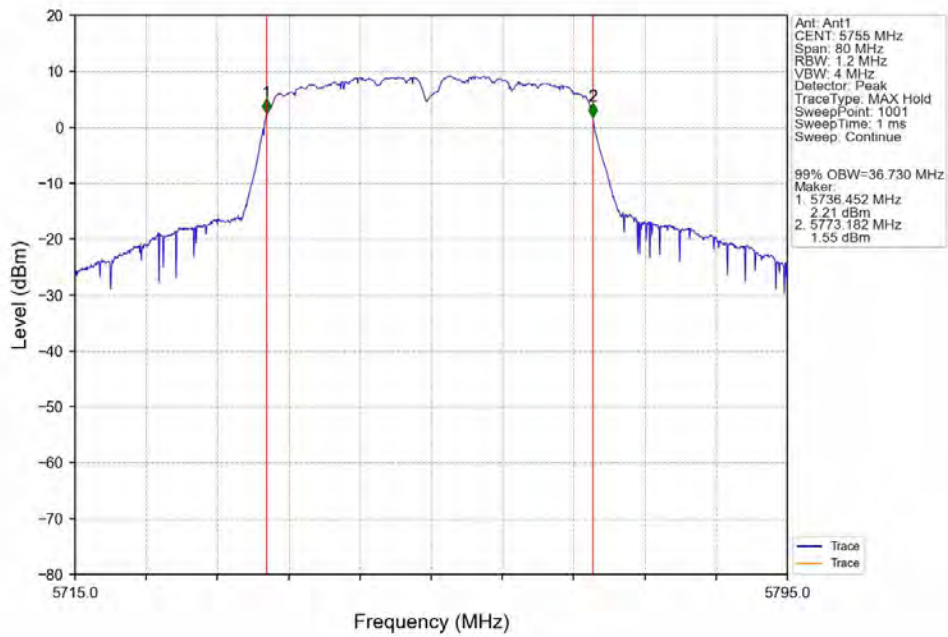
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



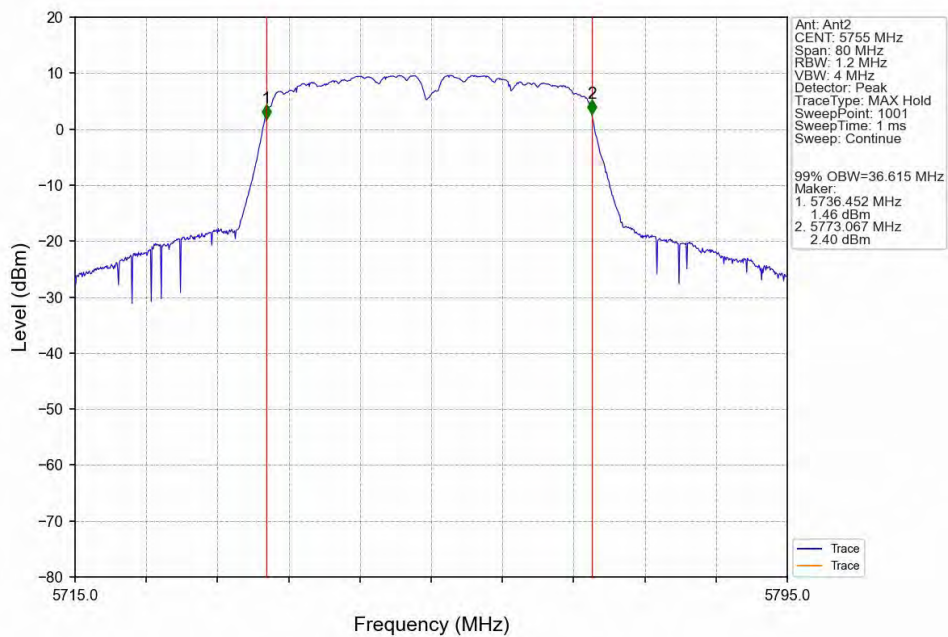
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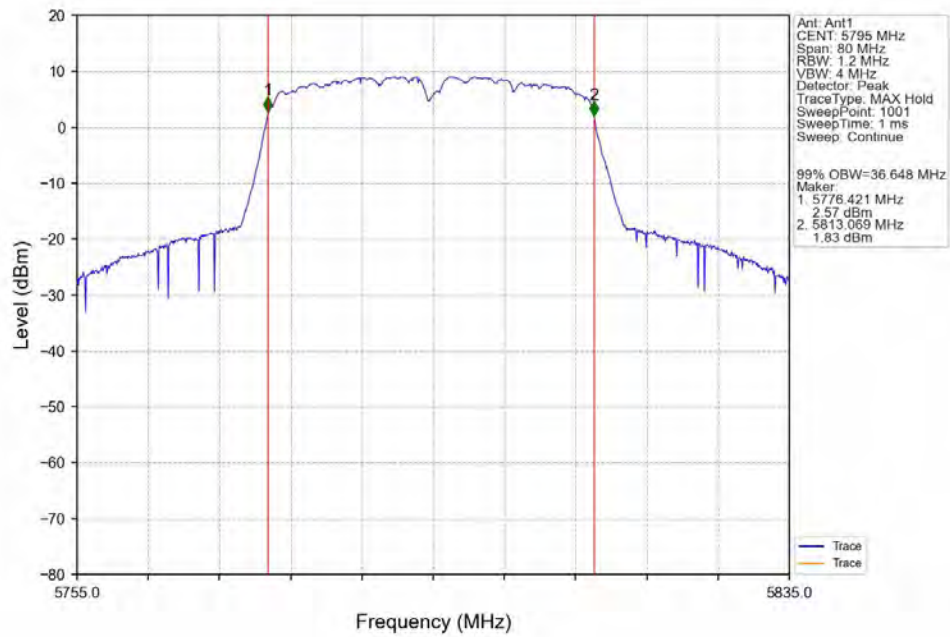
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



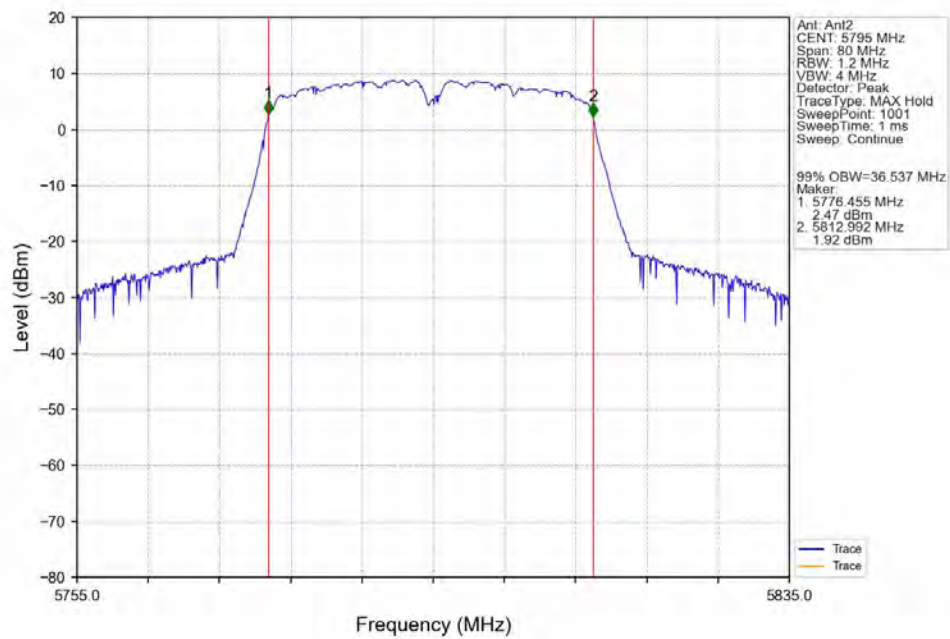
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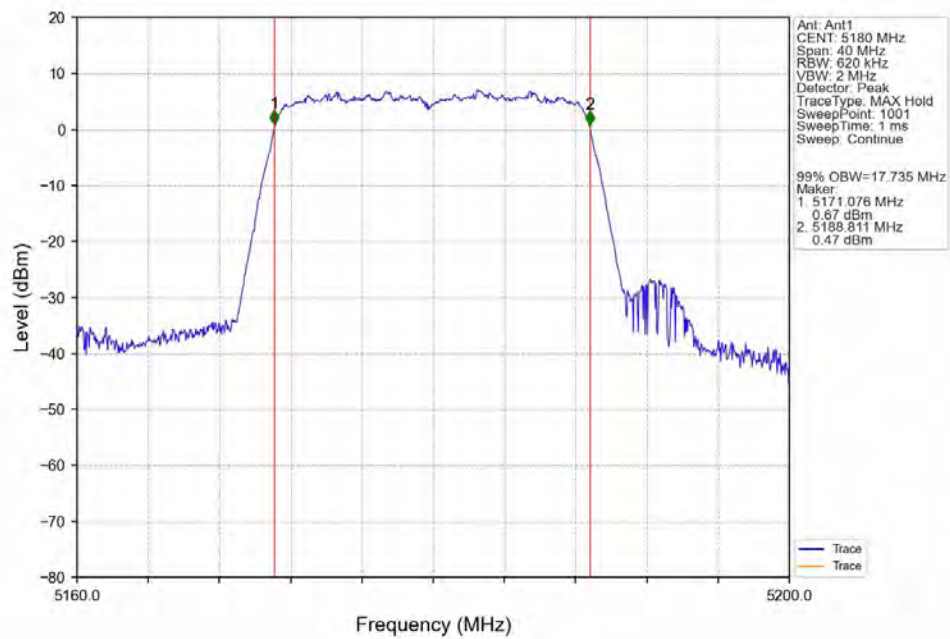
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



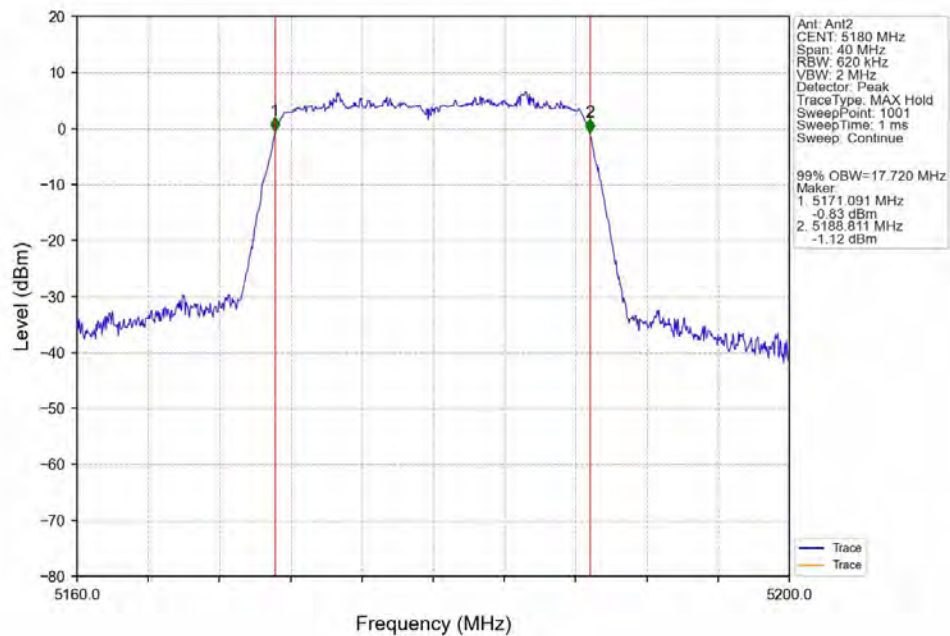
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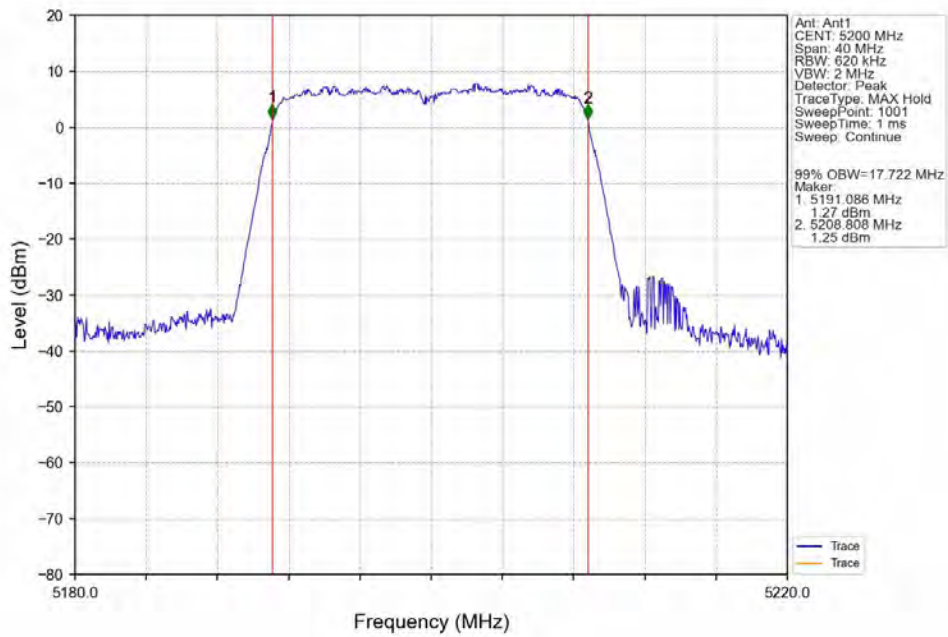
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



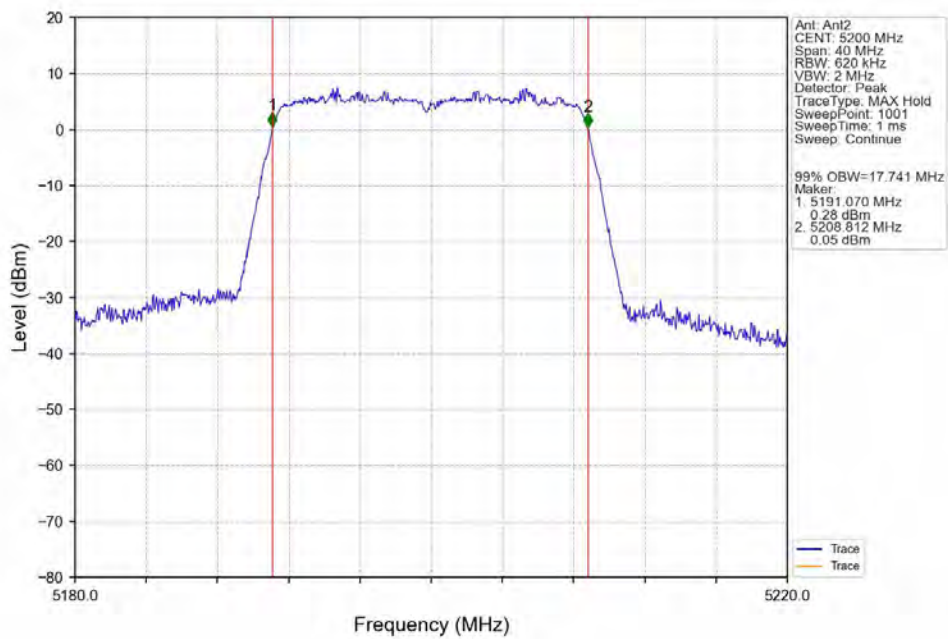
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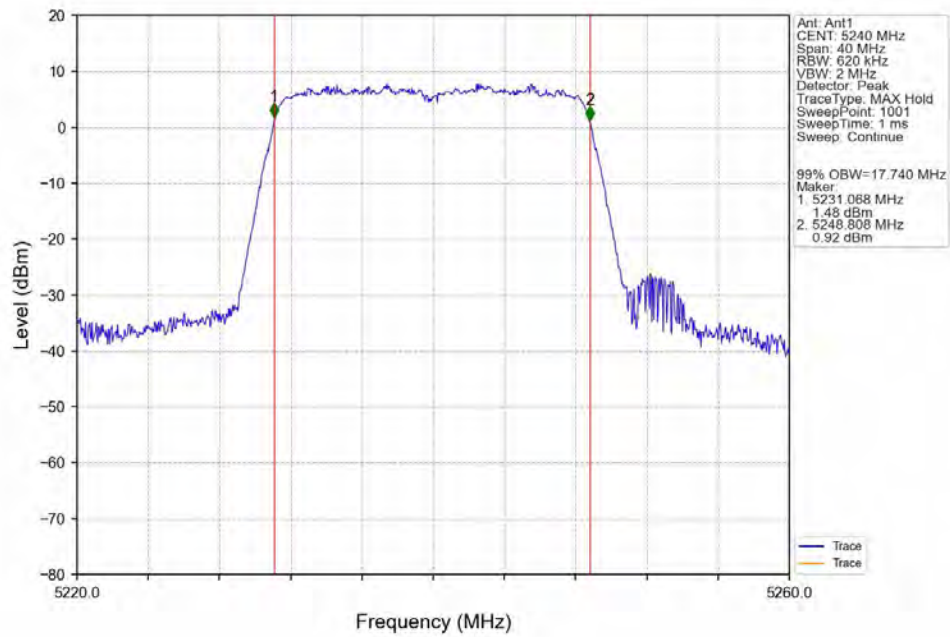
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



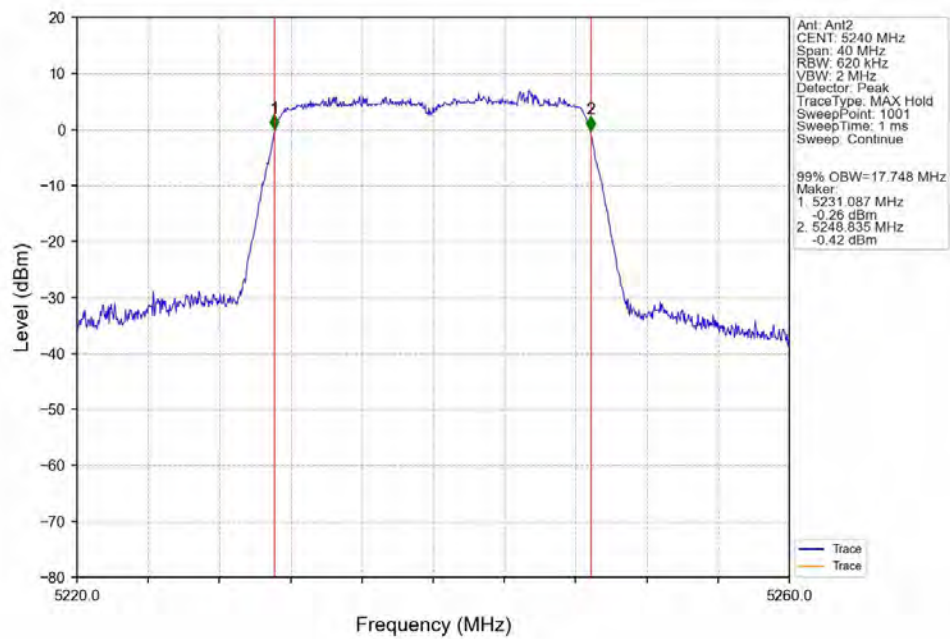
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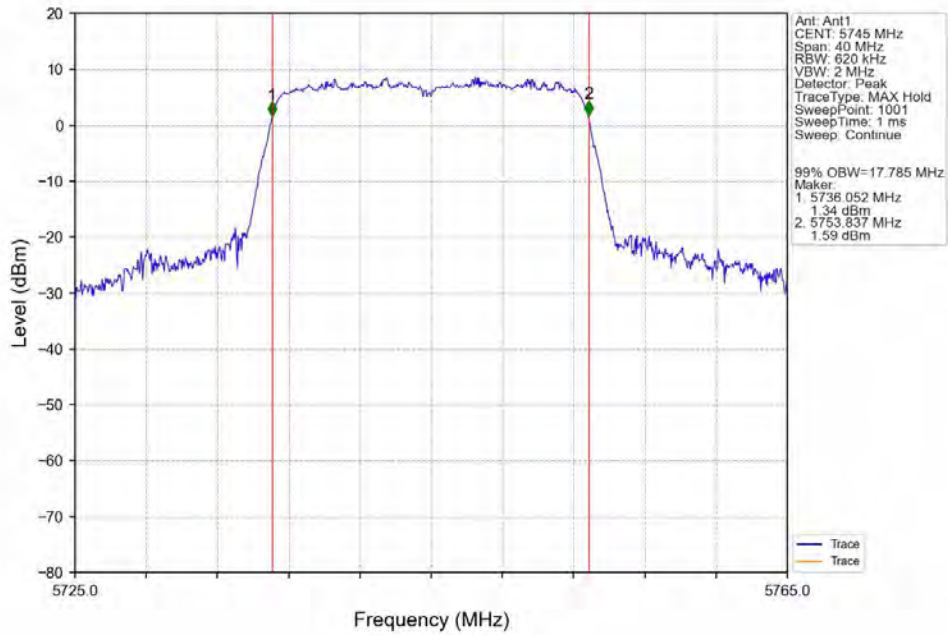
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



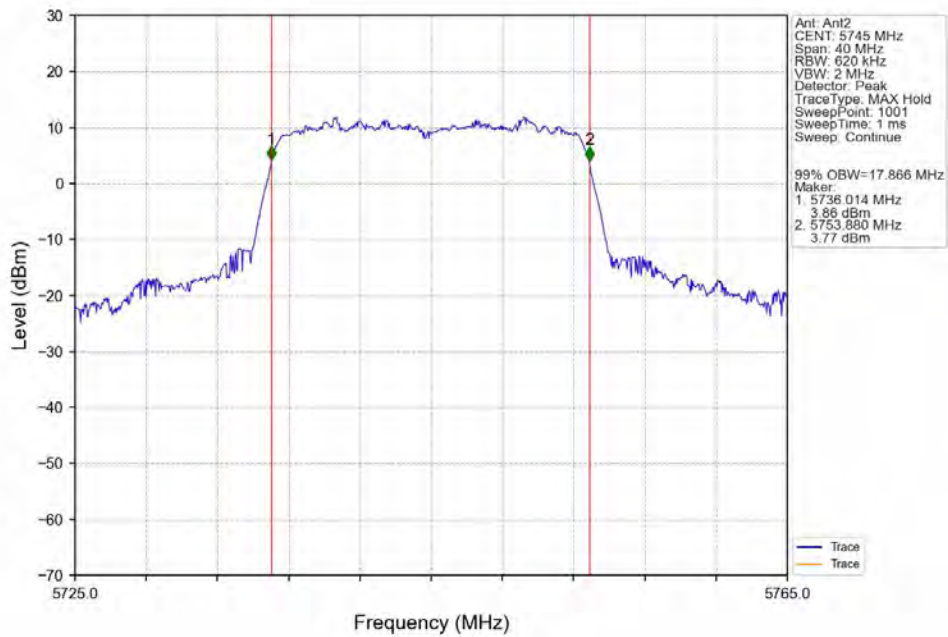
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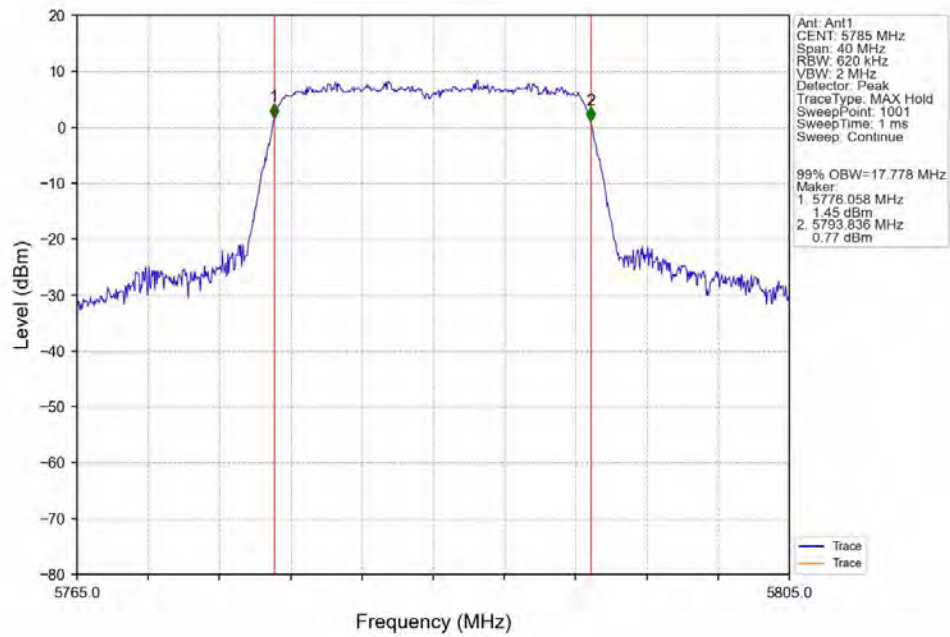
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



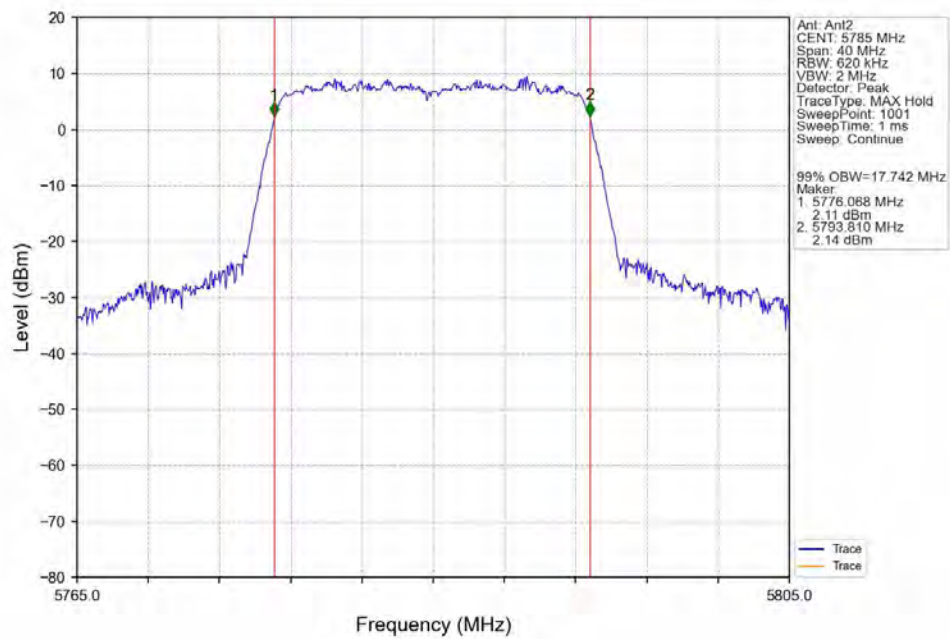
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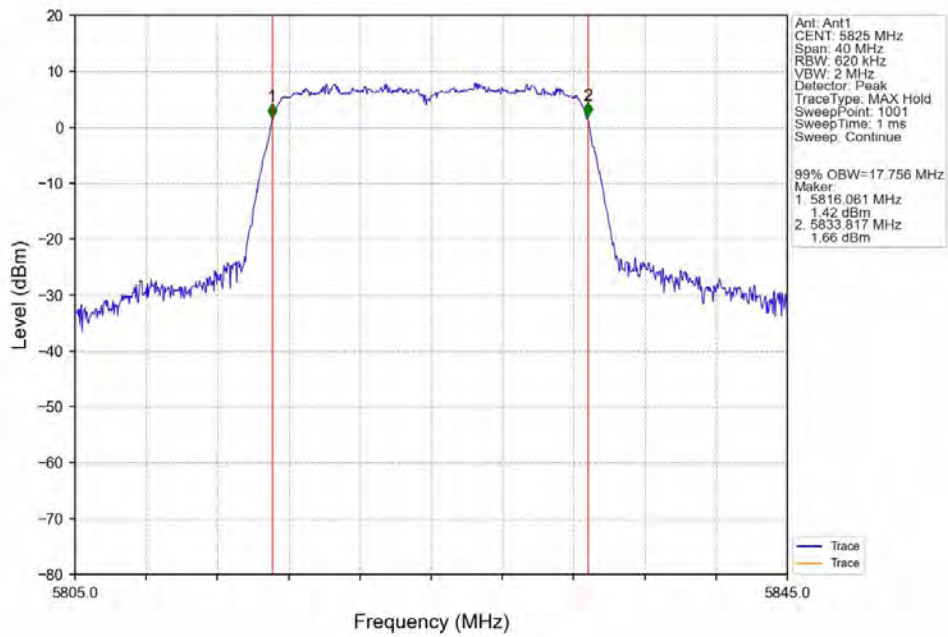
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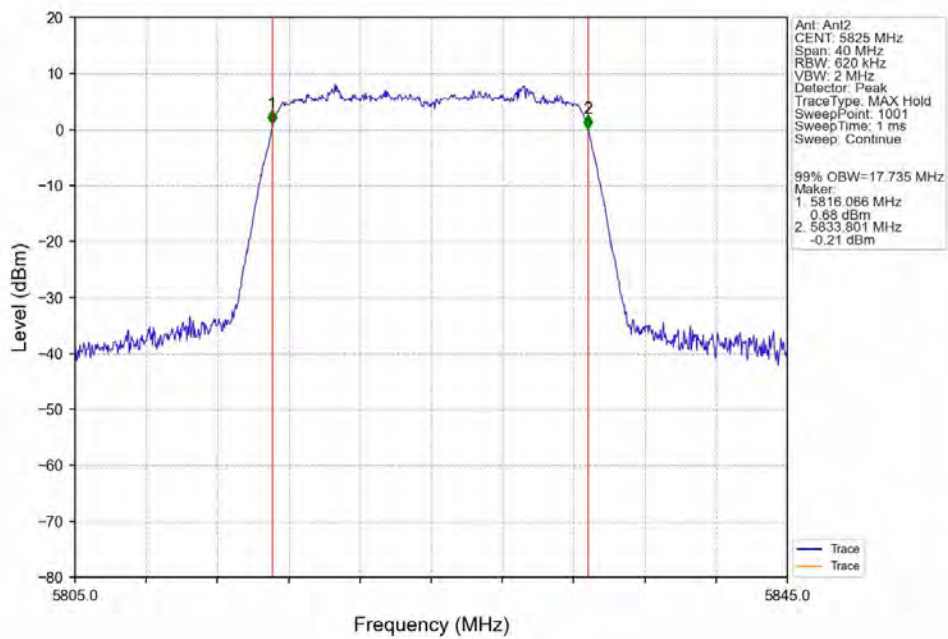
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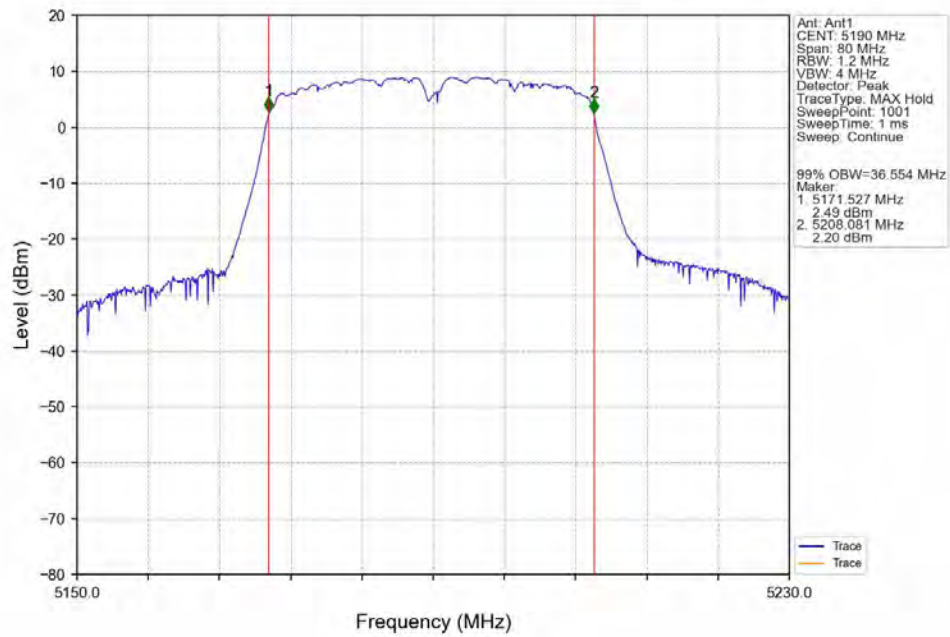
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



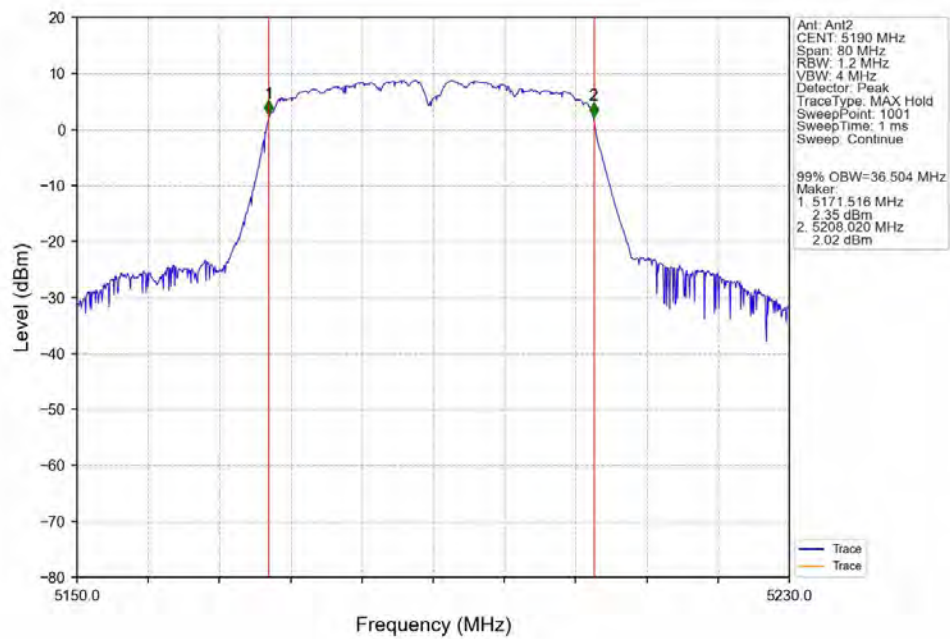
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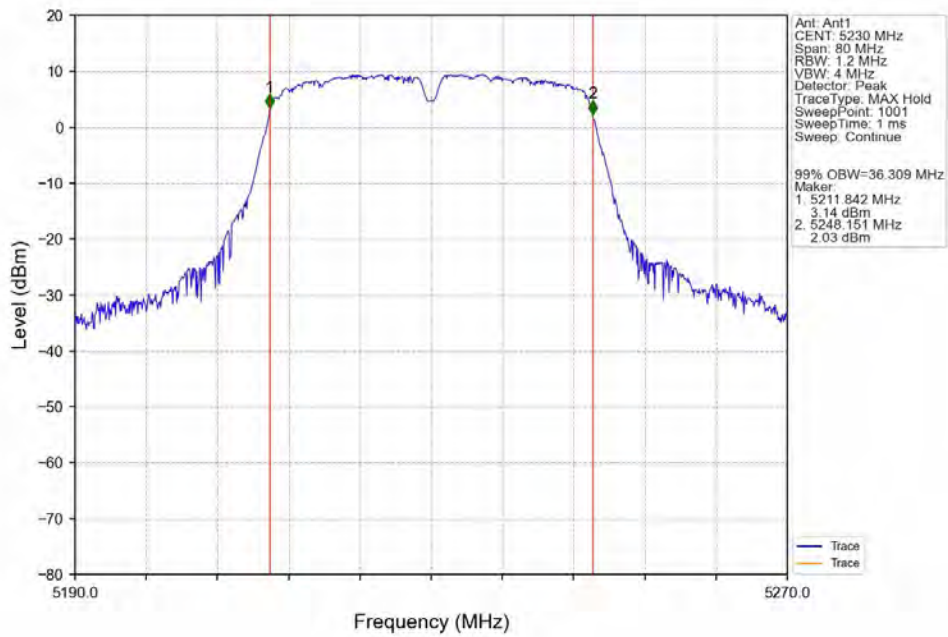
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



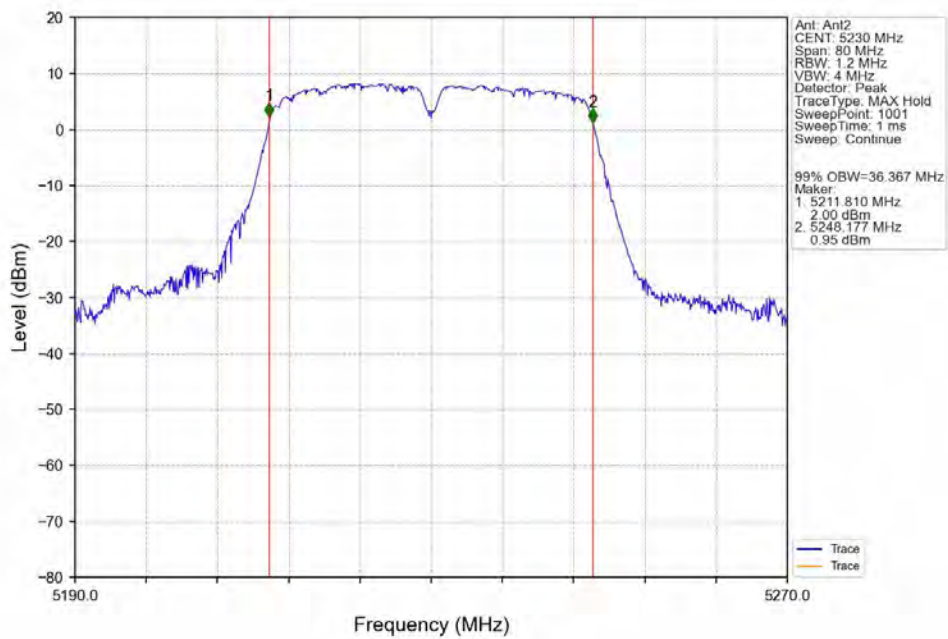
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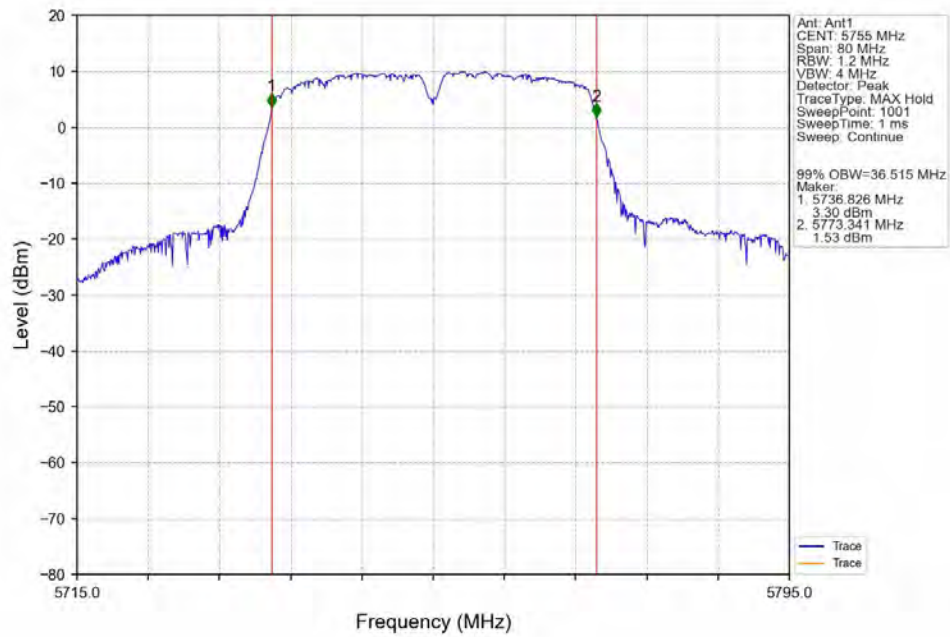
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



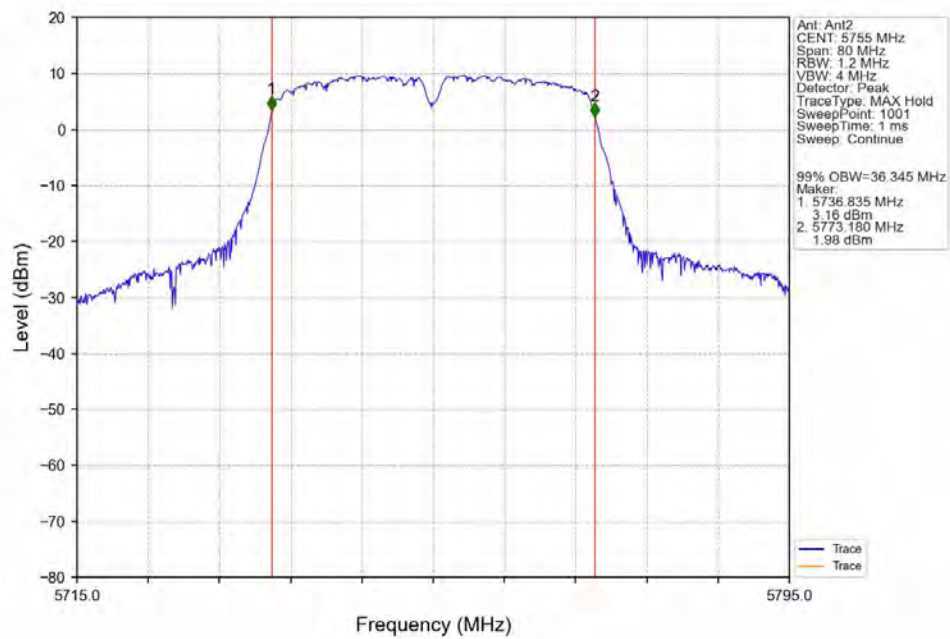
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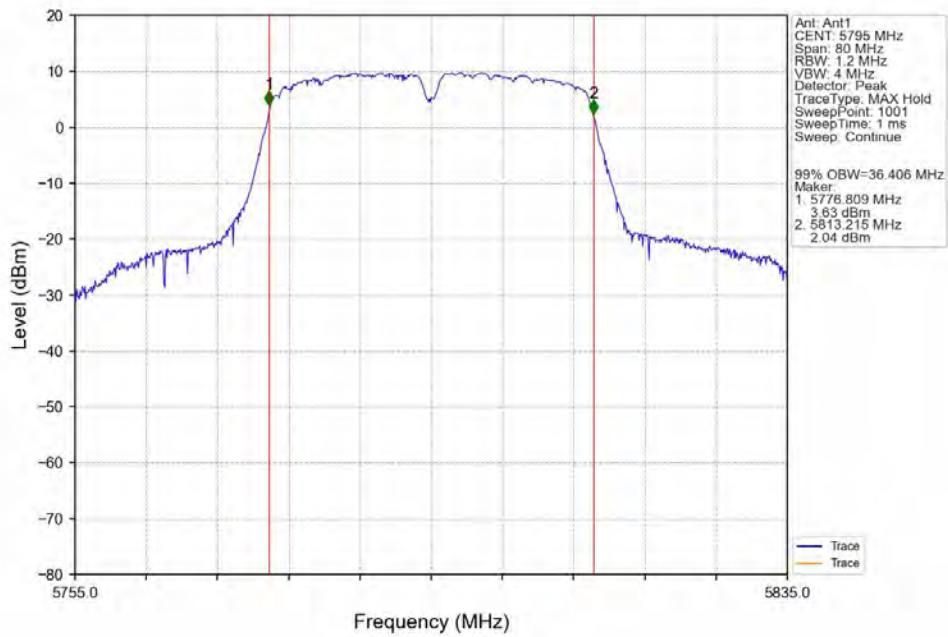
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



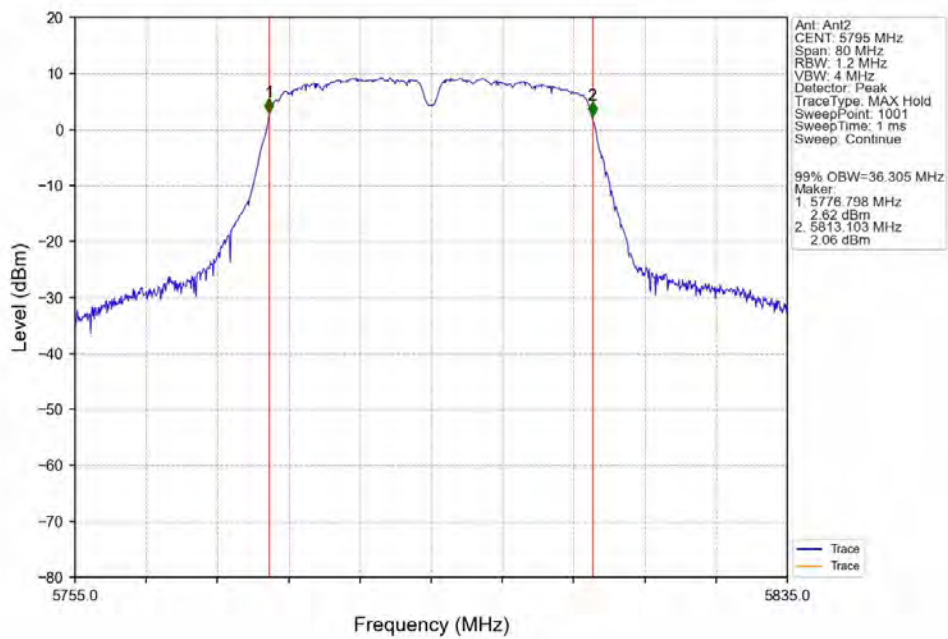
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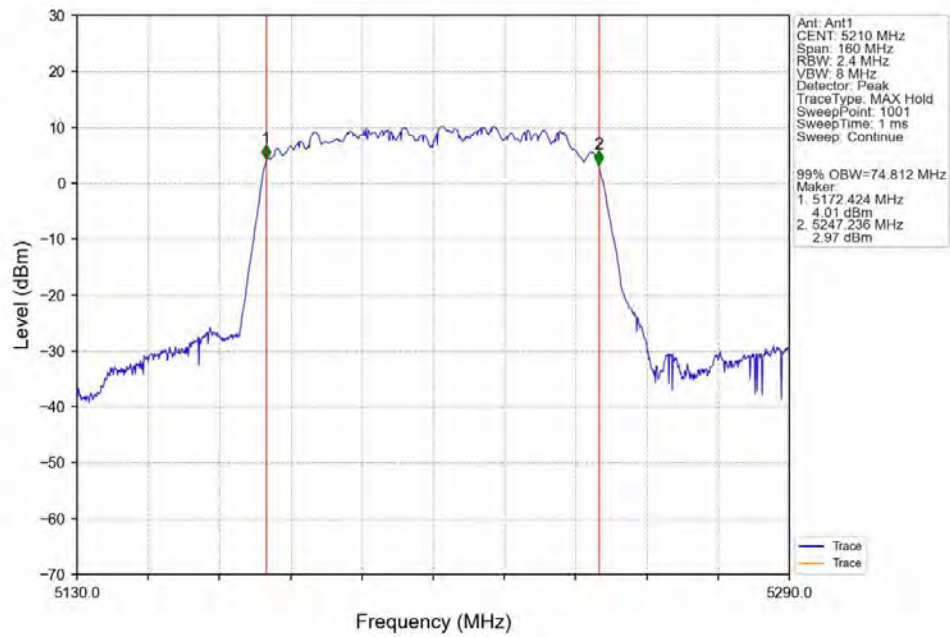
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



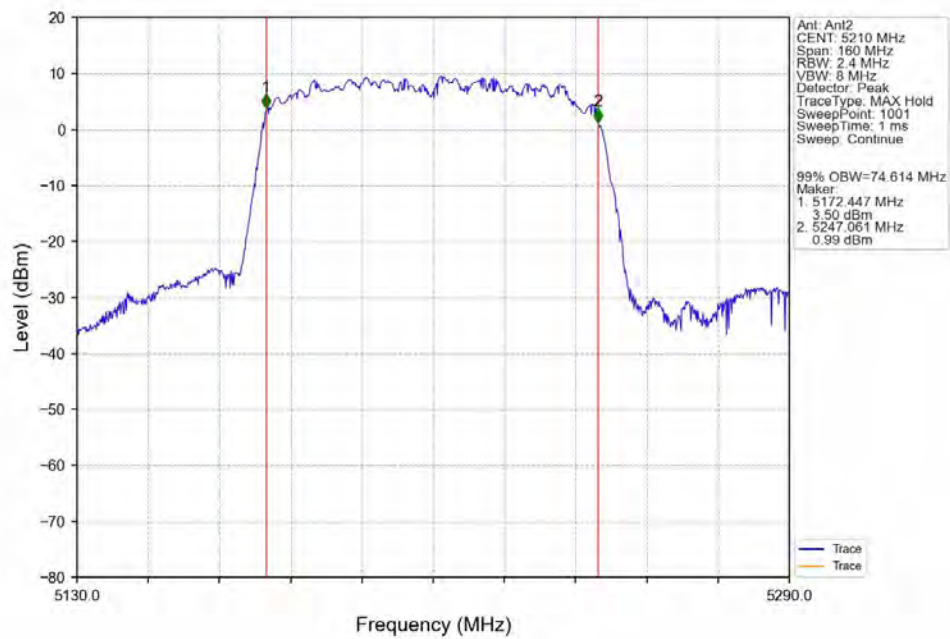
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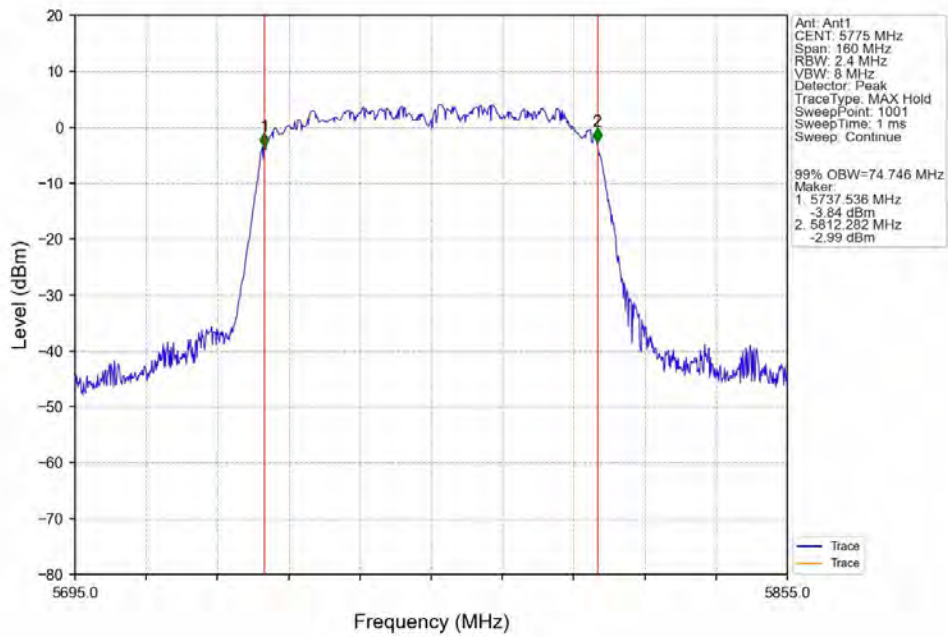
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



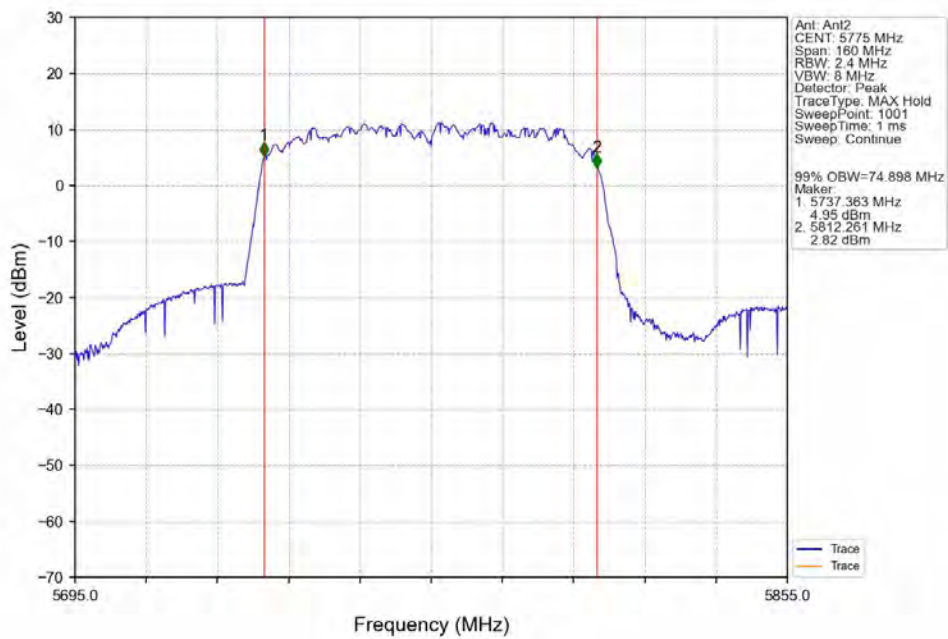
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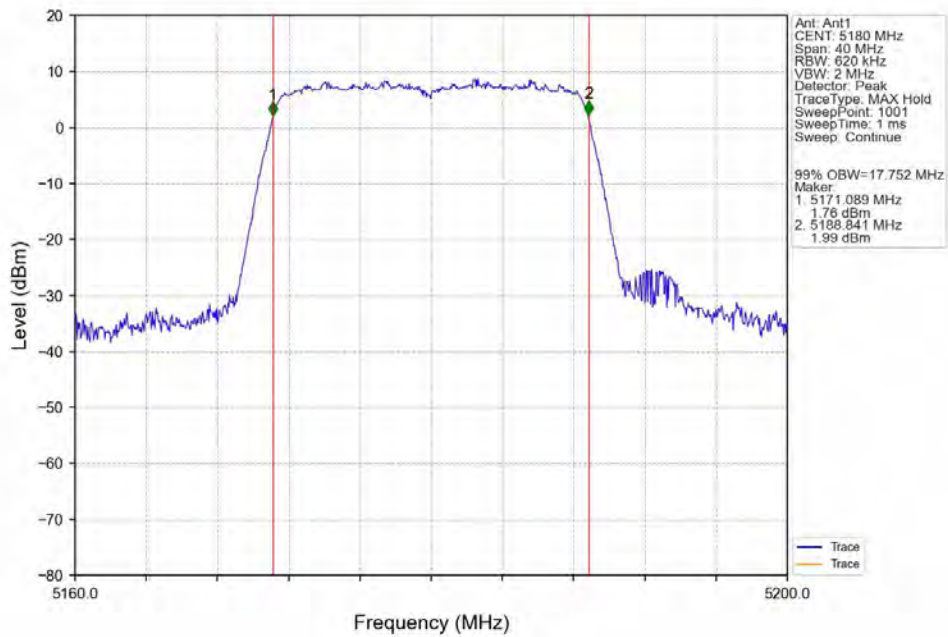
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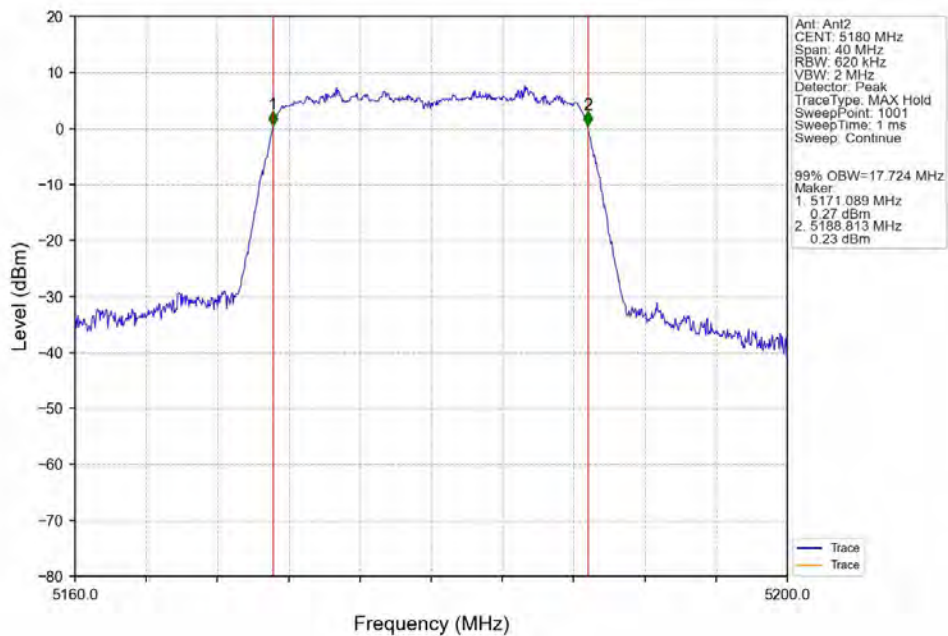
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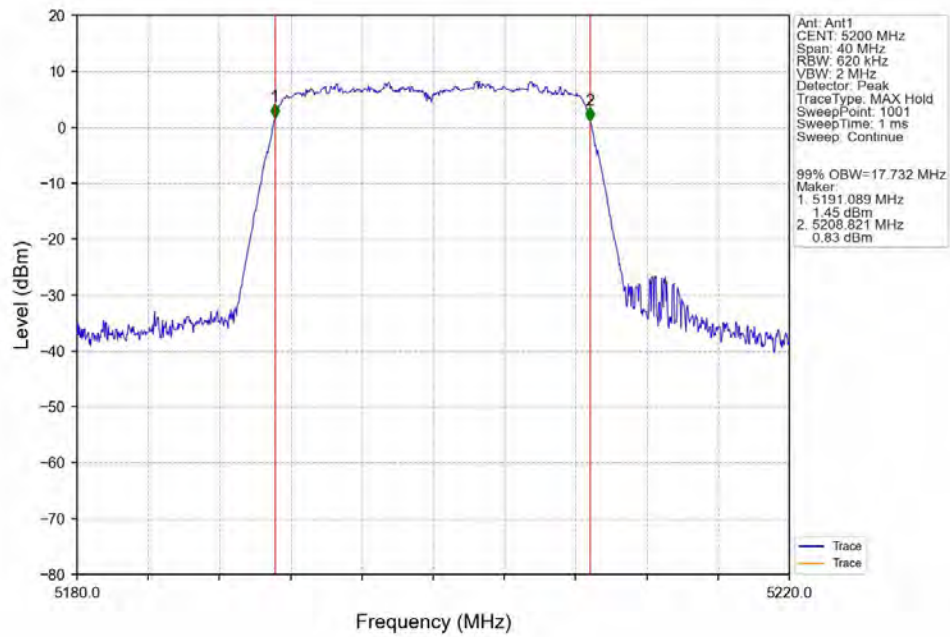
802.11ax(HEW20)_LCH_5180MHz_Ant1_NTNV



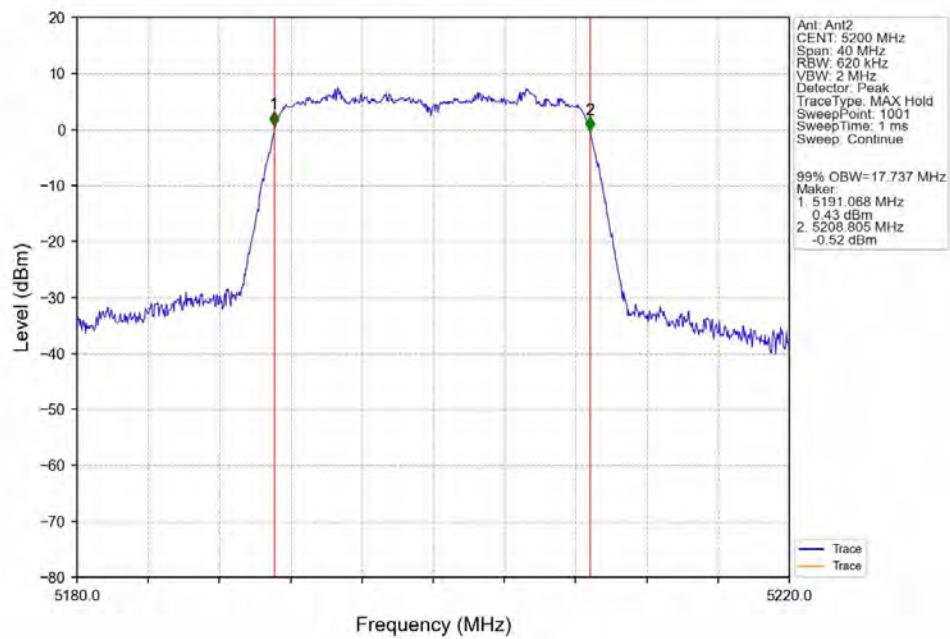
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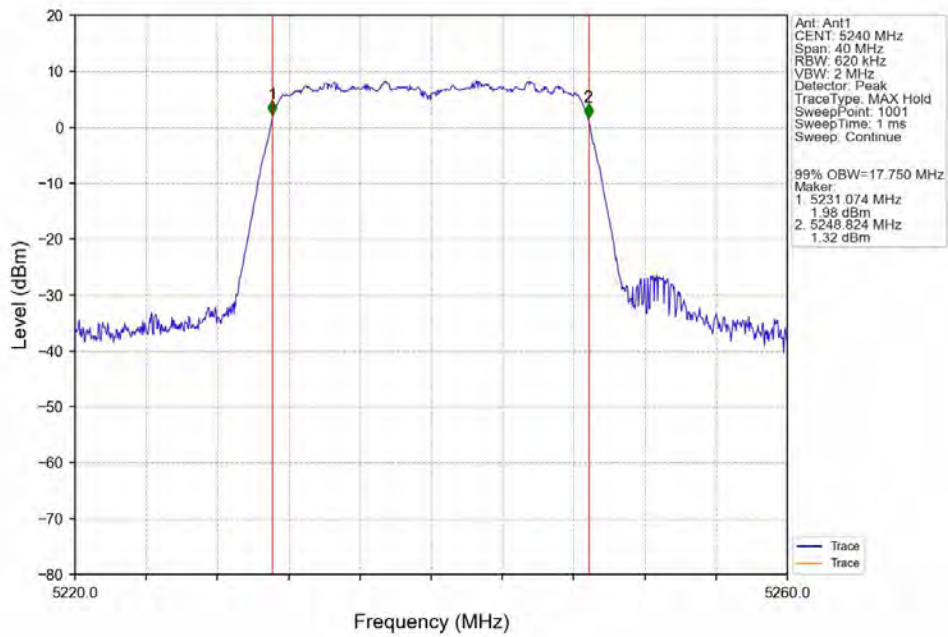
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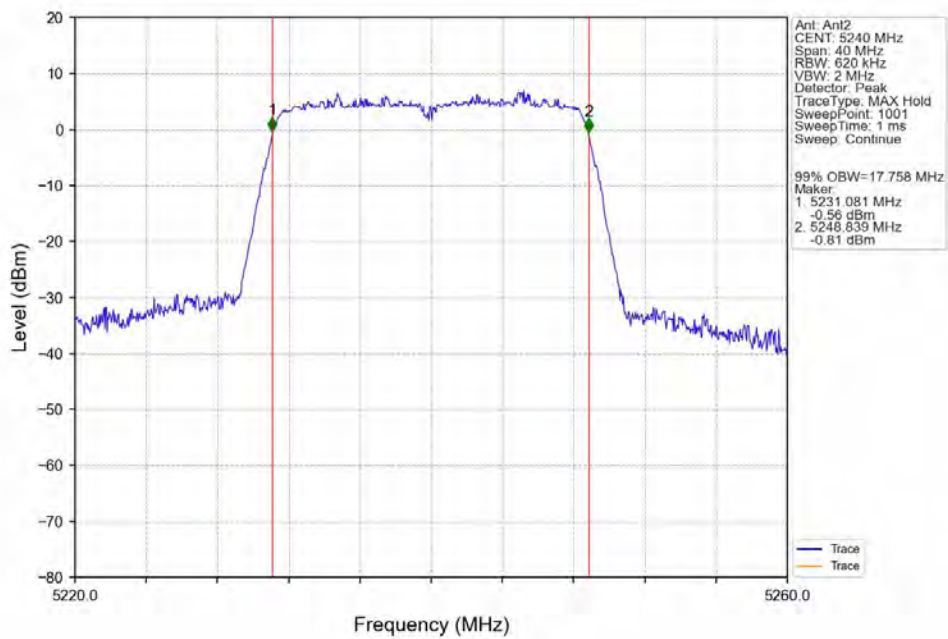
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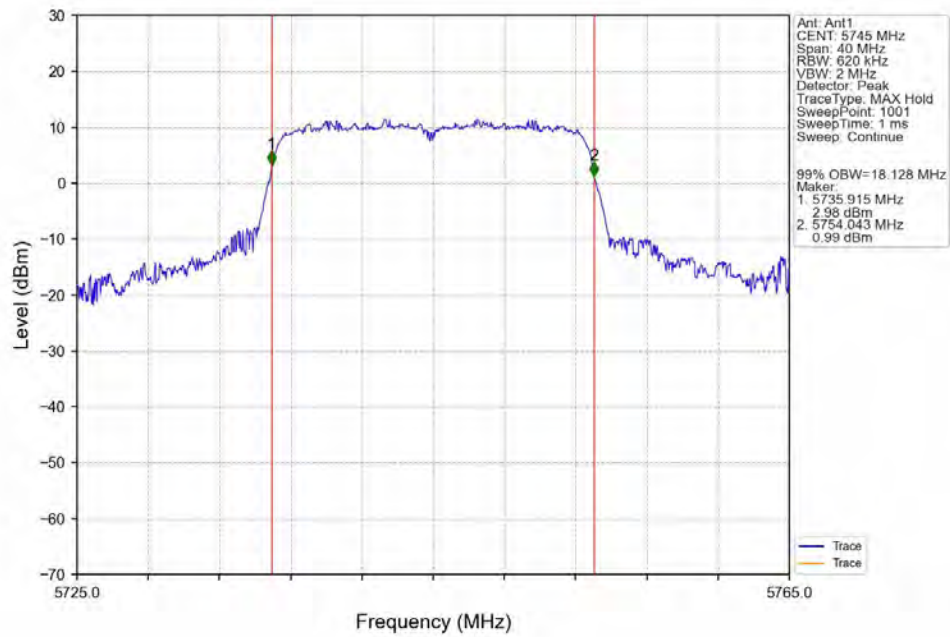
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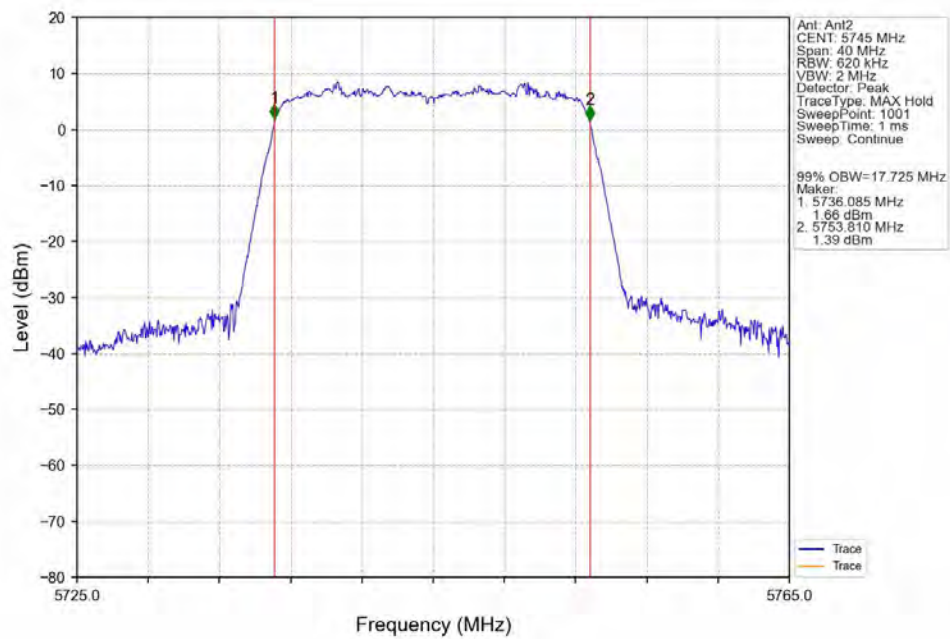
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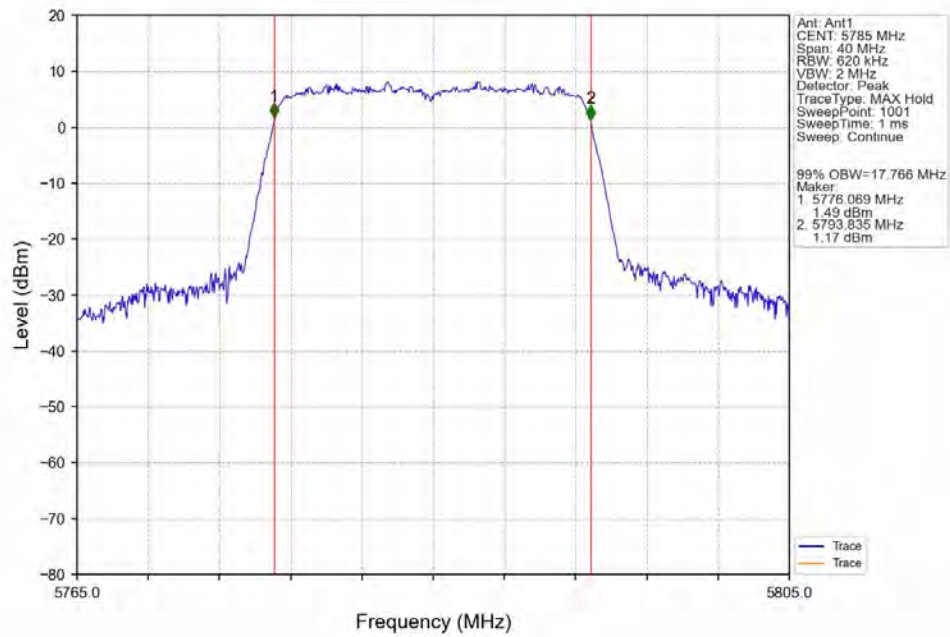
802.11ax(HEW20)_LCH_5745MHz_Ant1_NTNV



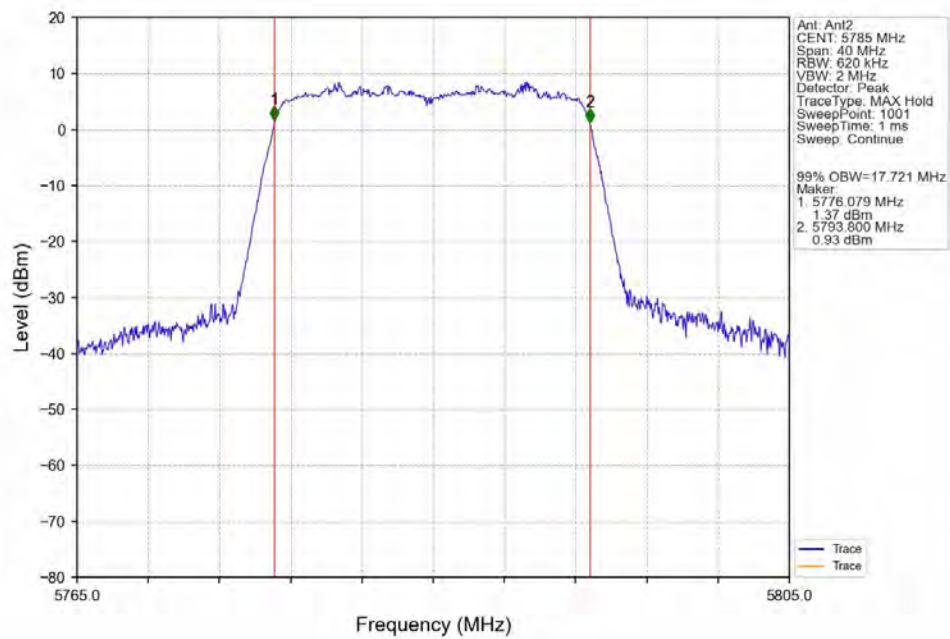
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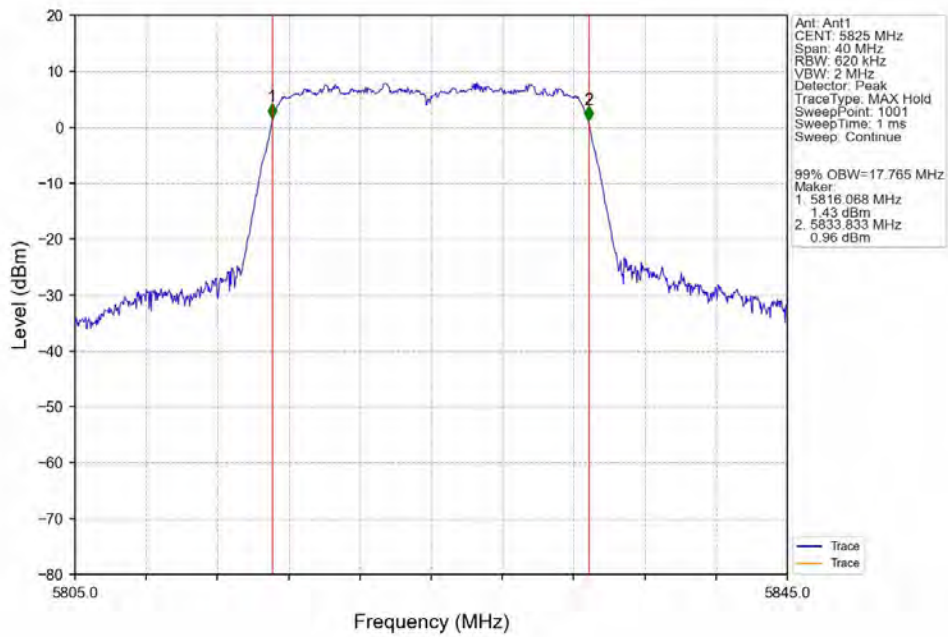
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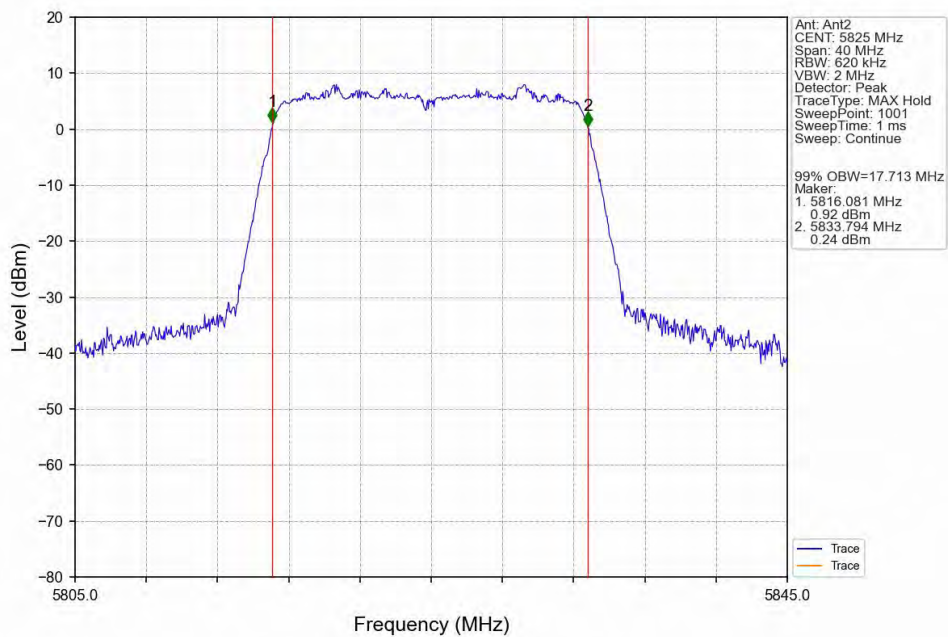
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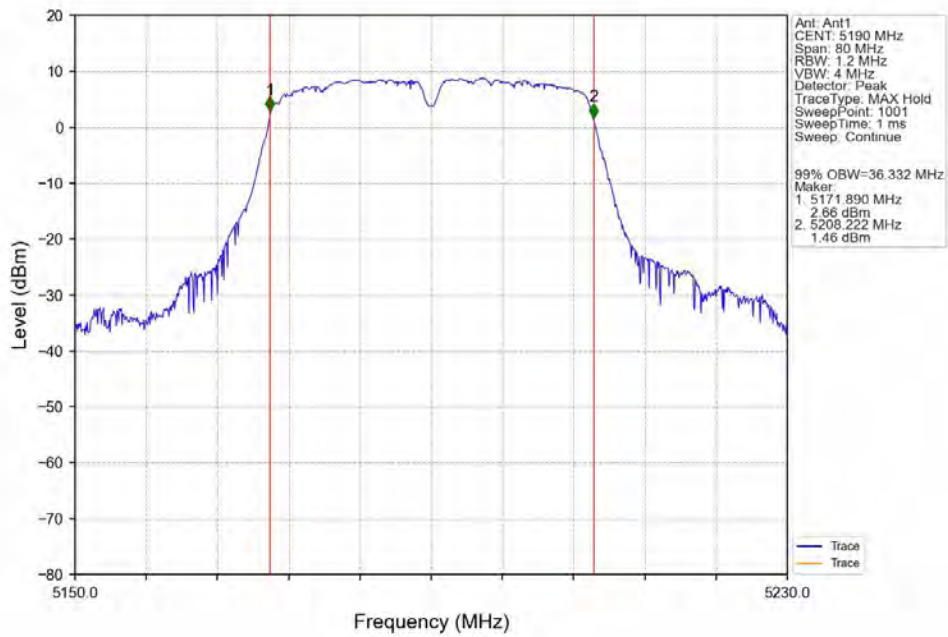
802.11ax(HEW20)_HCH_5825MHz_Ant1_NTNV



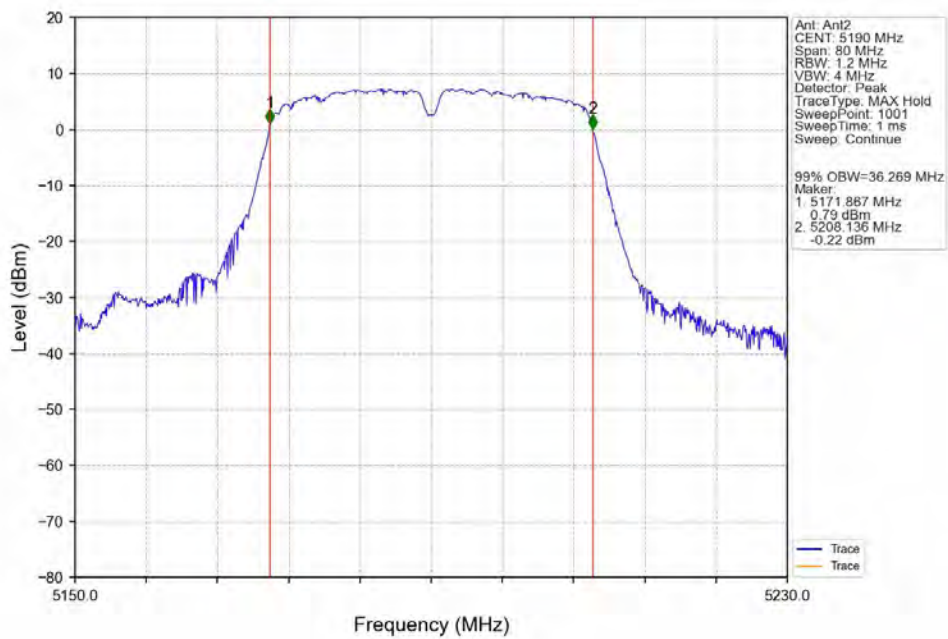
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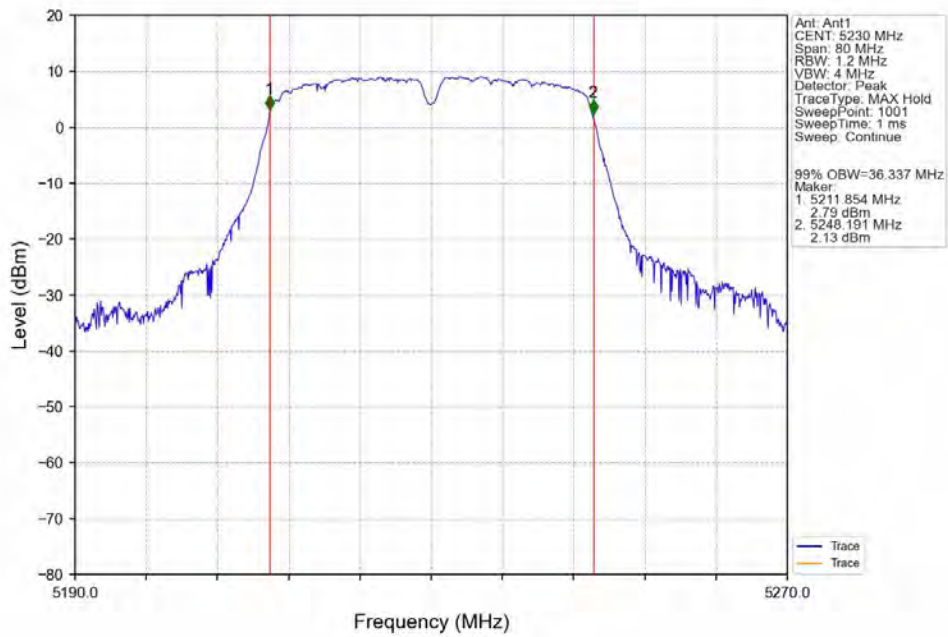
802.11ax(HEW40)_LCH_5190MHz_Ant1_NTNV



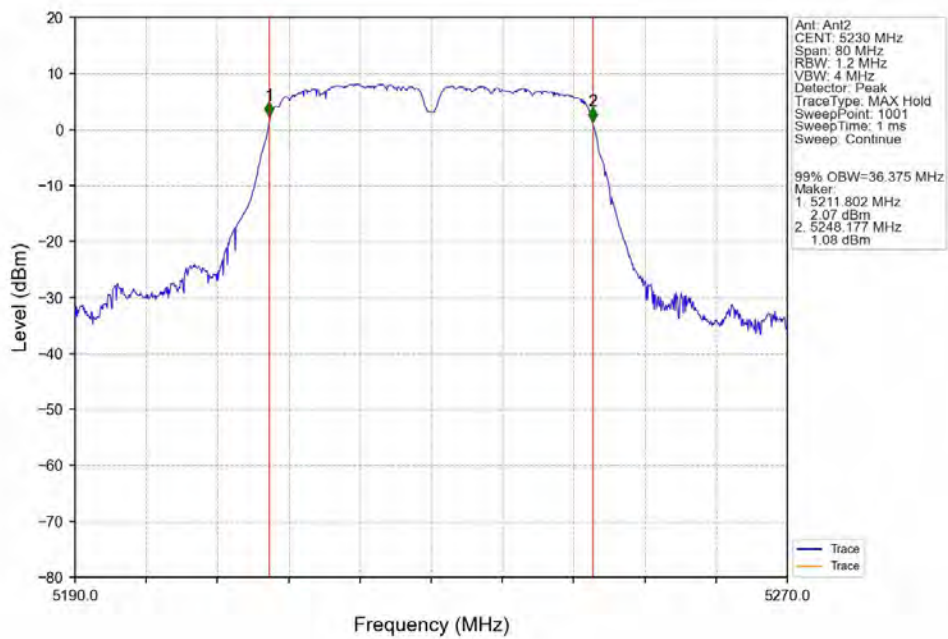
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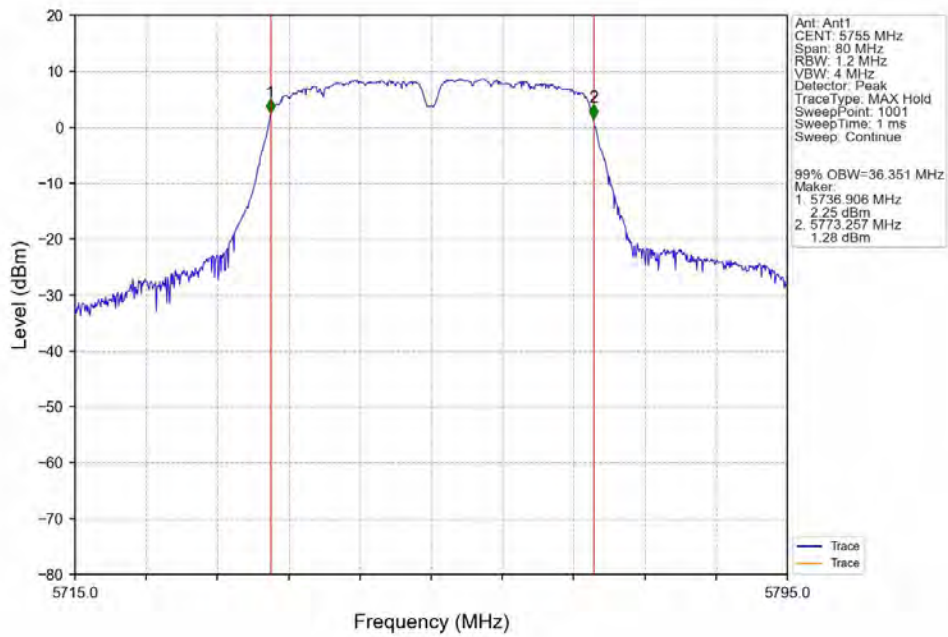
802.11ax(HEW40)_HCH_5230MHz_Ant1_NTNV



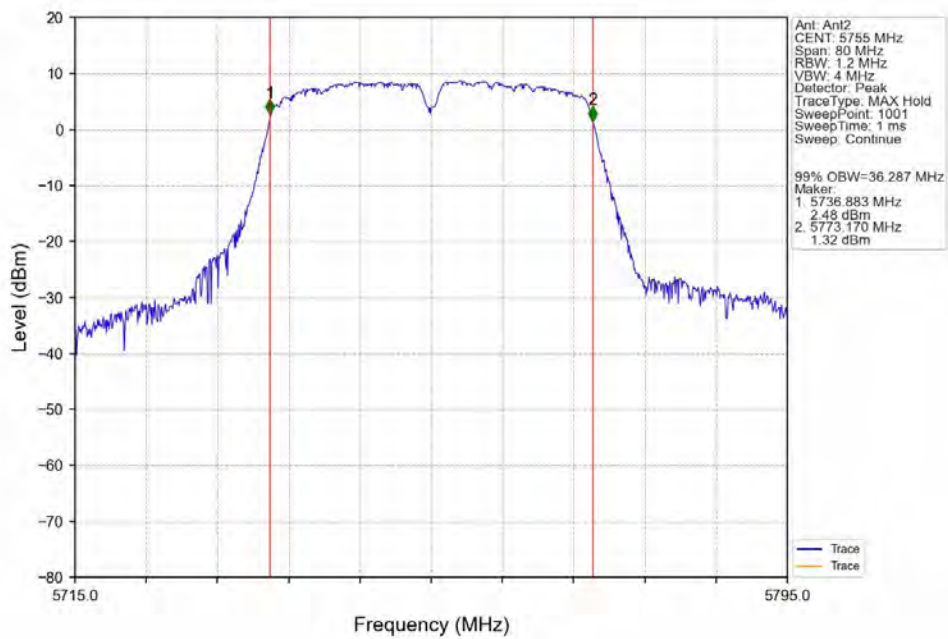
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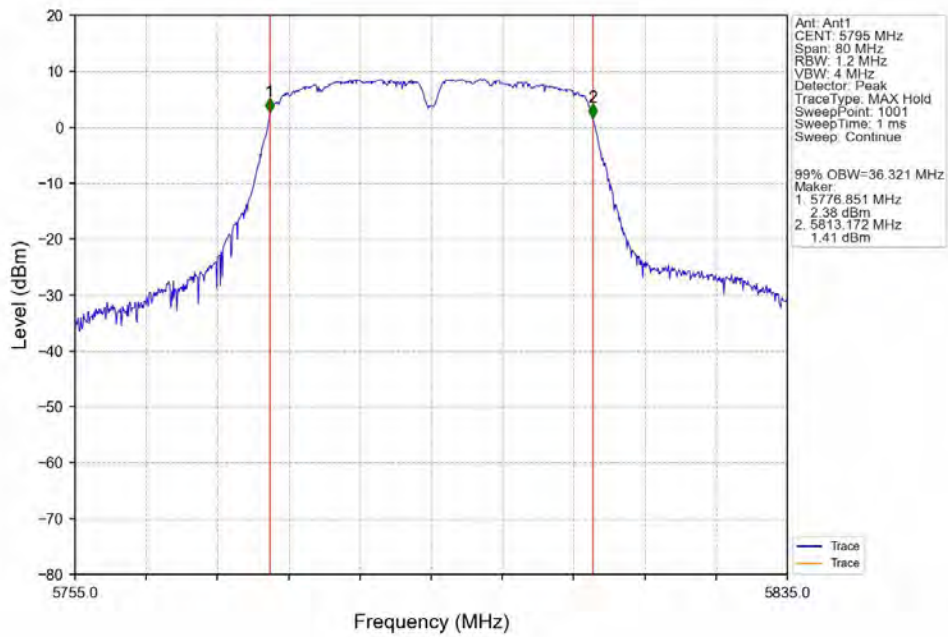
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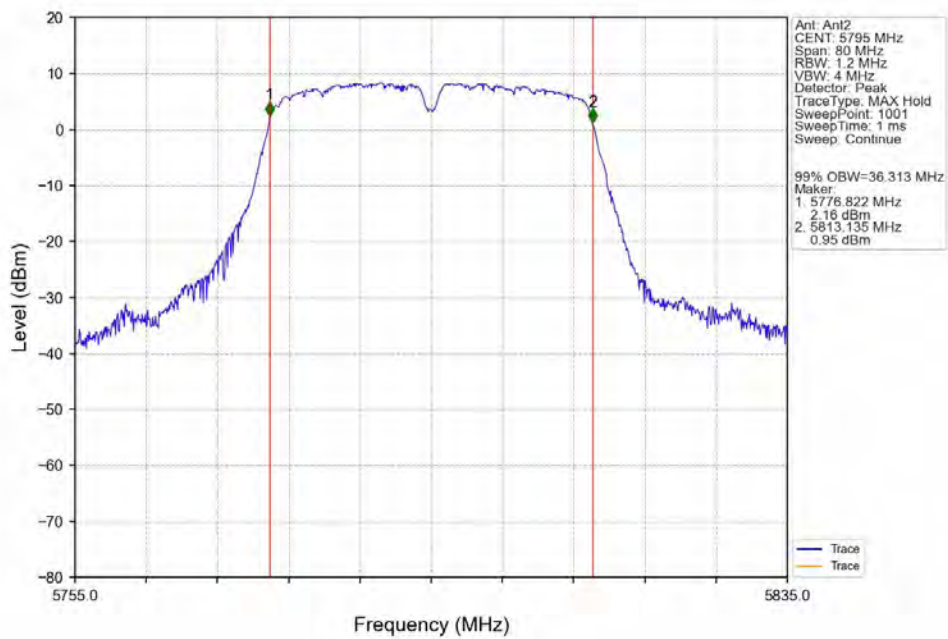
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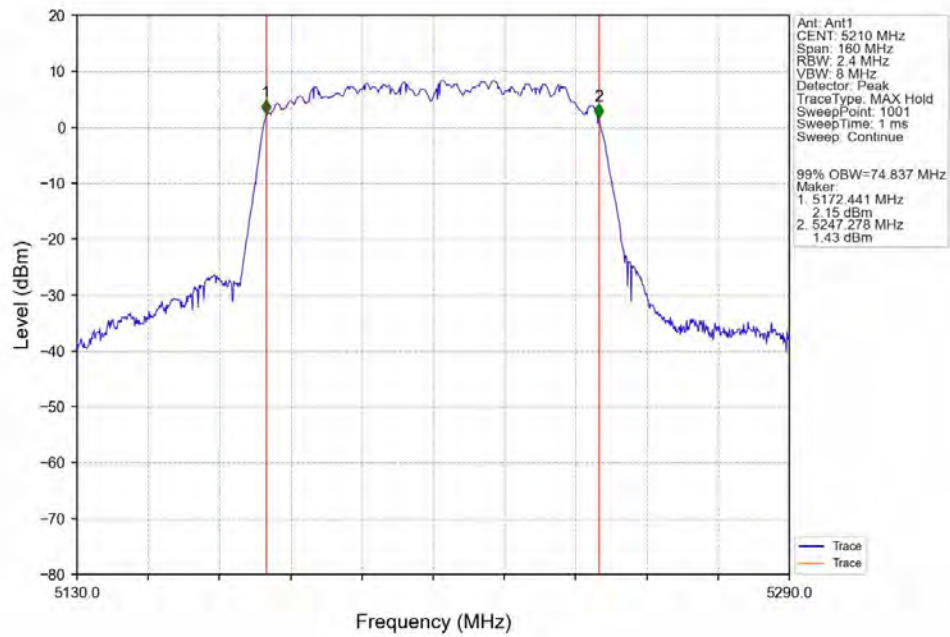
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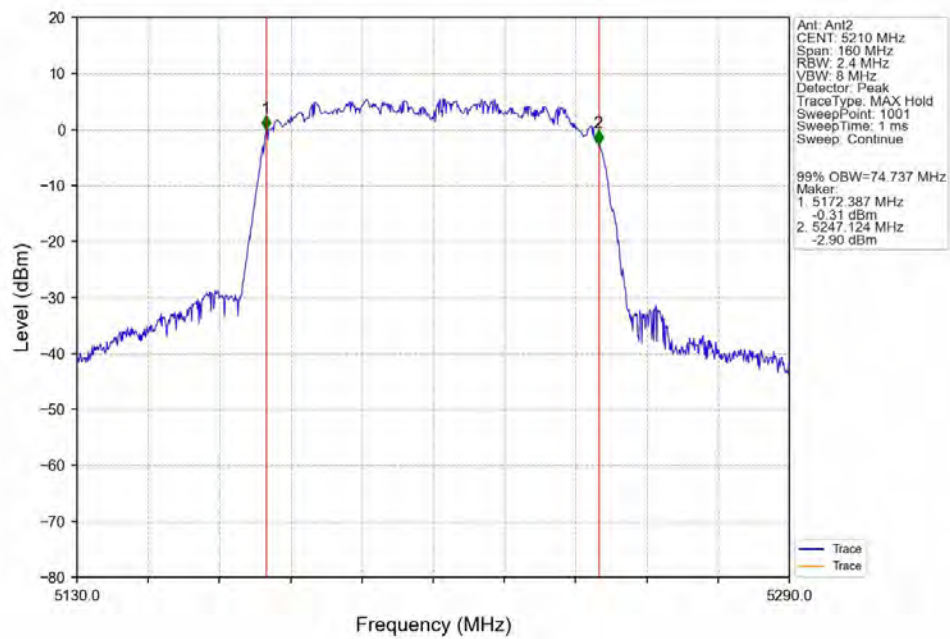
802.11ax(HEW40)_HCH_5795MHz_Ant2_NTNV



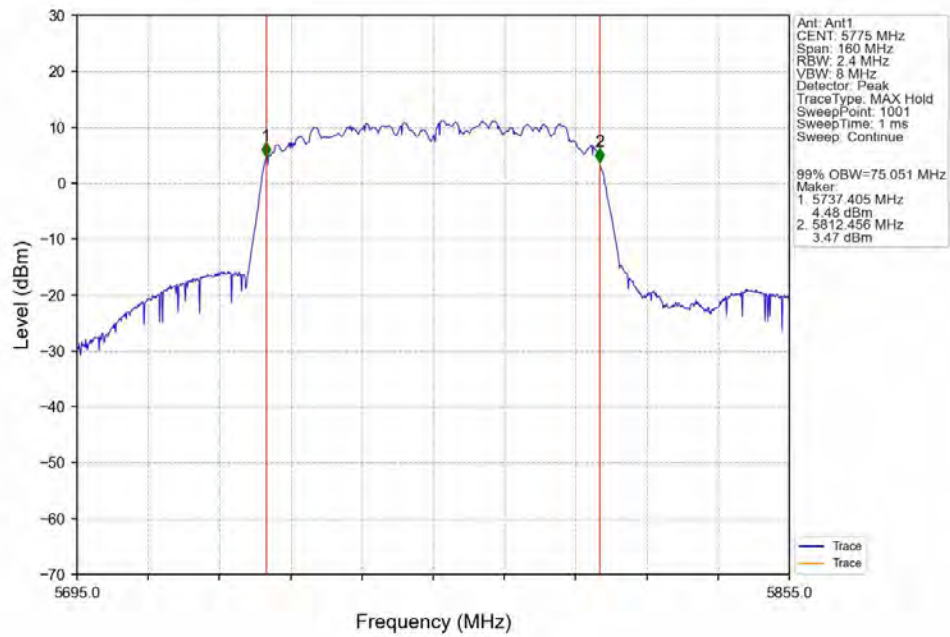
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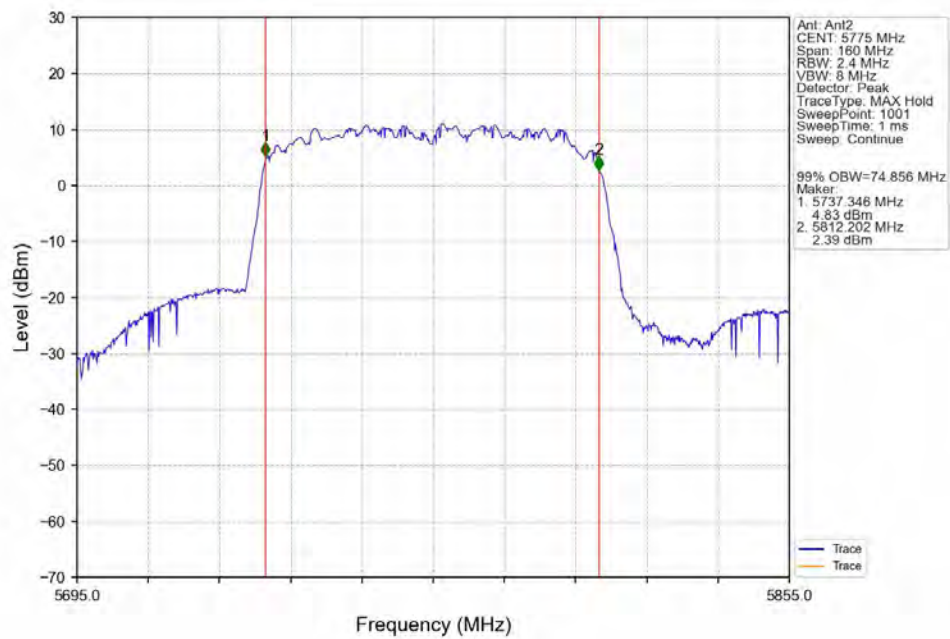
802.11ax(HEW80)_MCH_5210MHz_Ant2_NTNV



802.11ax(HEW80)_MCH_5775MHz_Ant1_NTNV

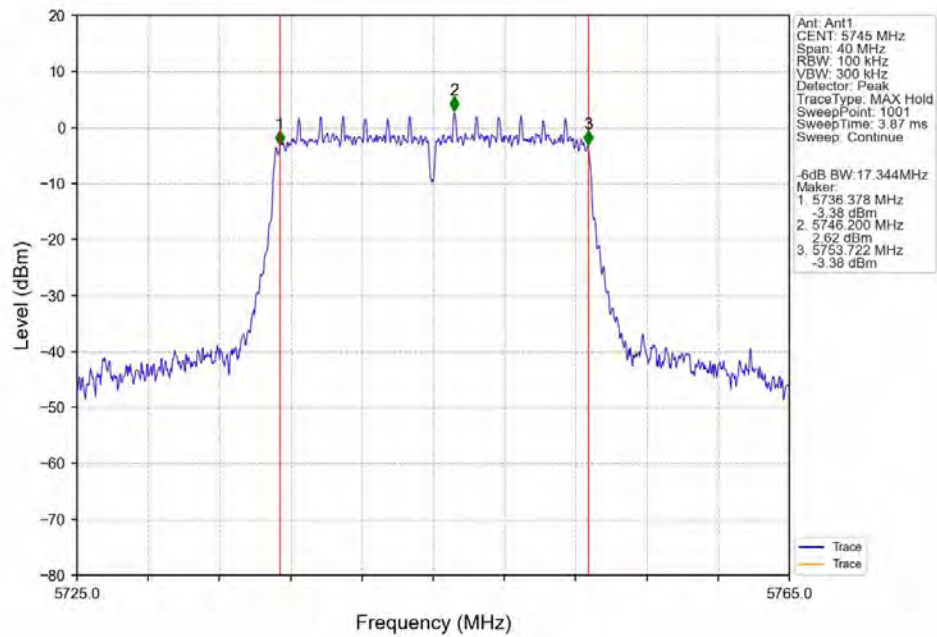


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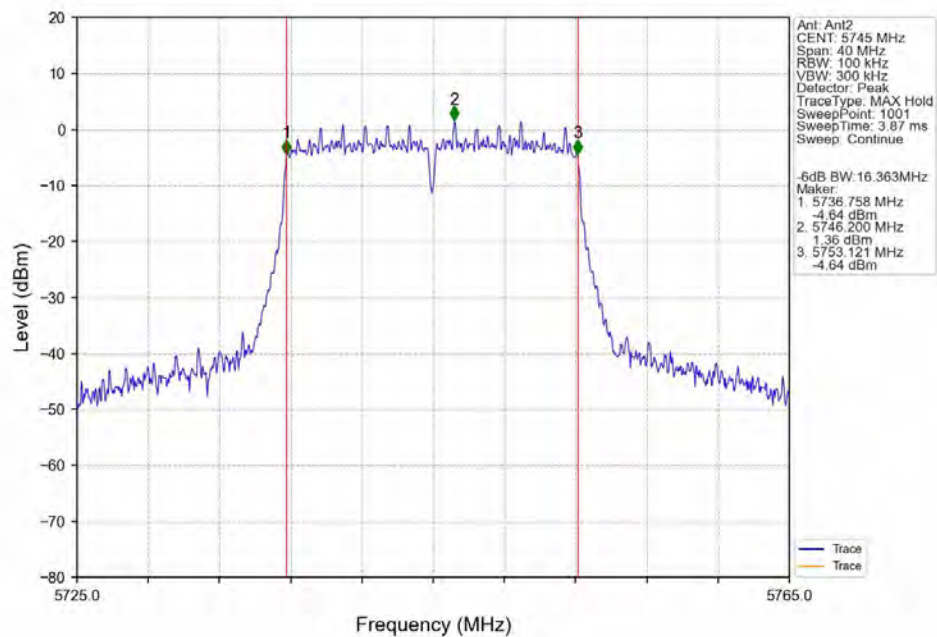


2.2.2 6dB BW

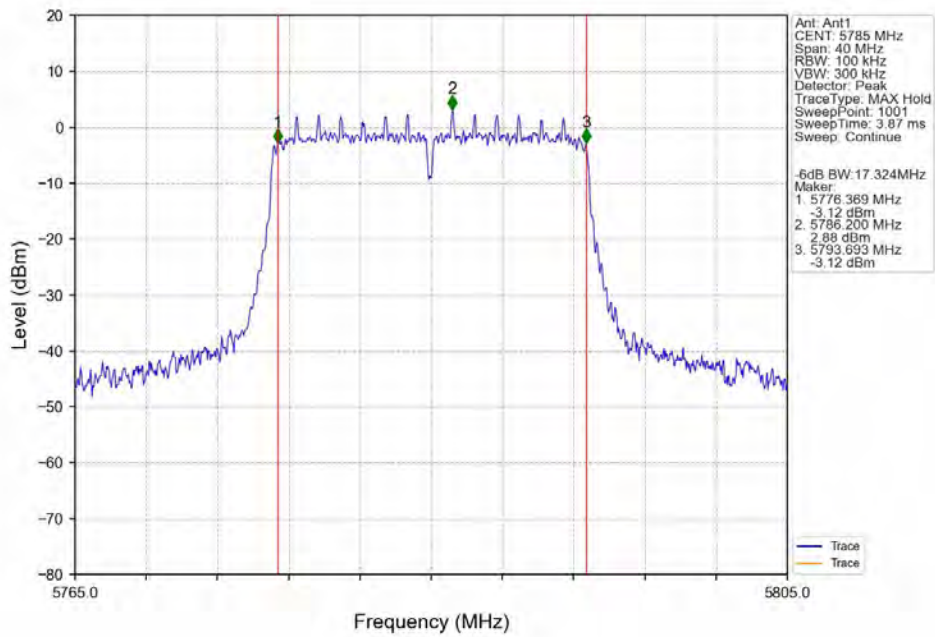
802.11a_LCH_5745MHz_Ant1_NTNV



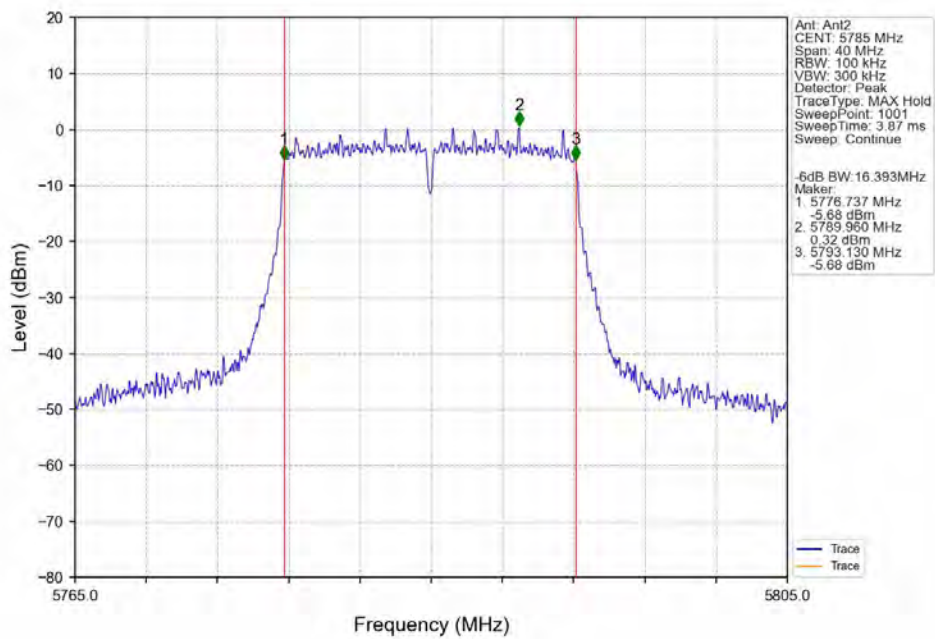
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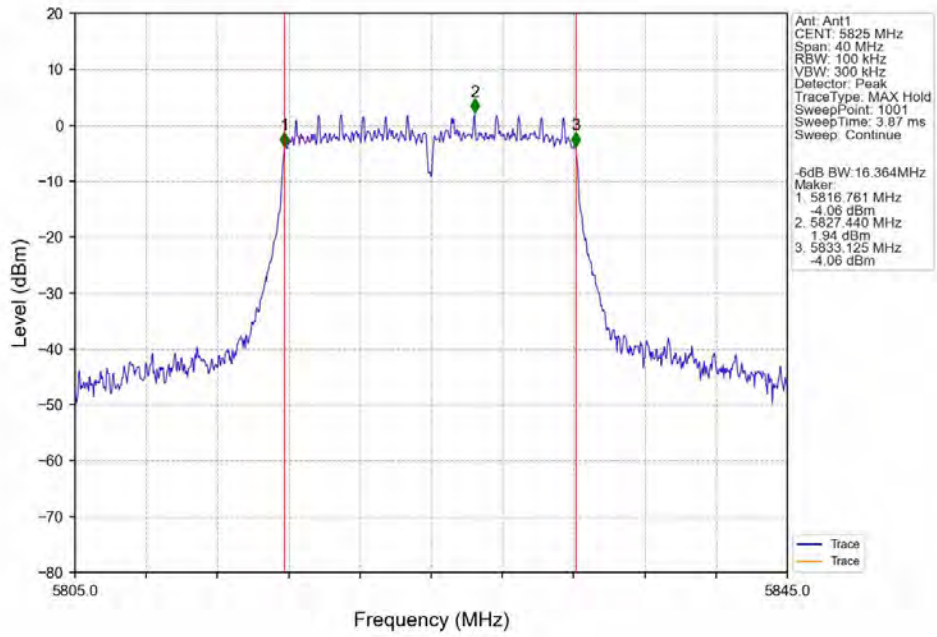
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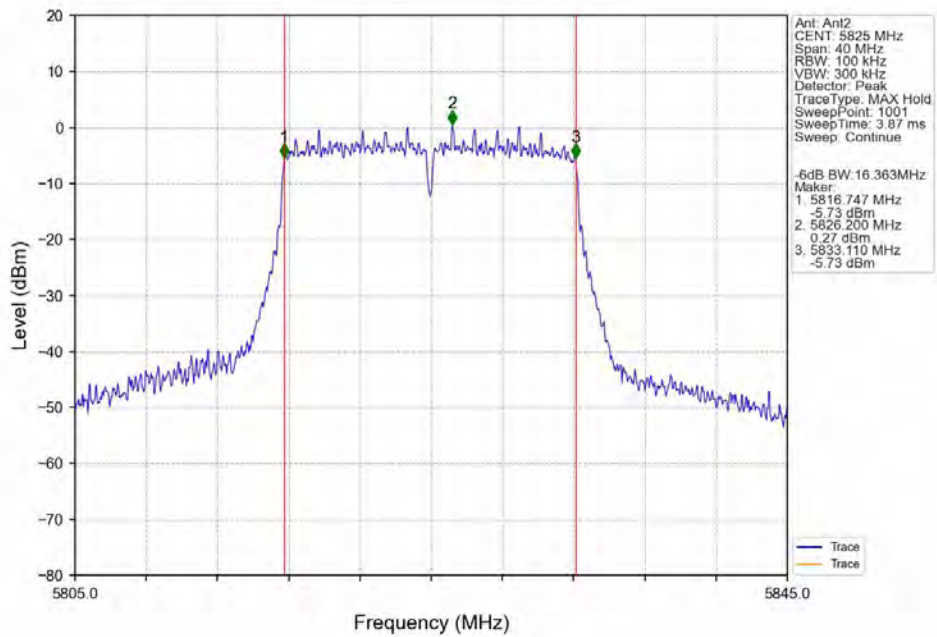
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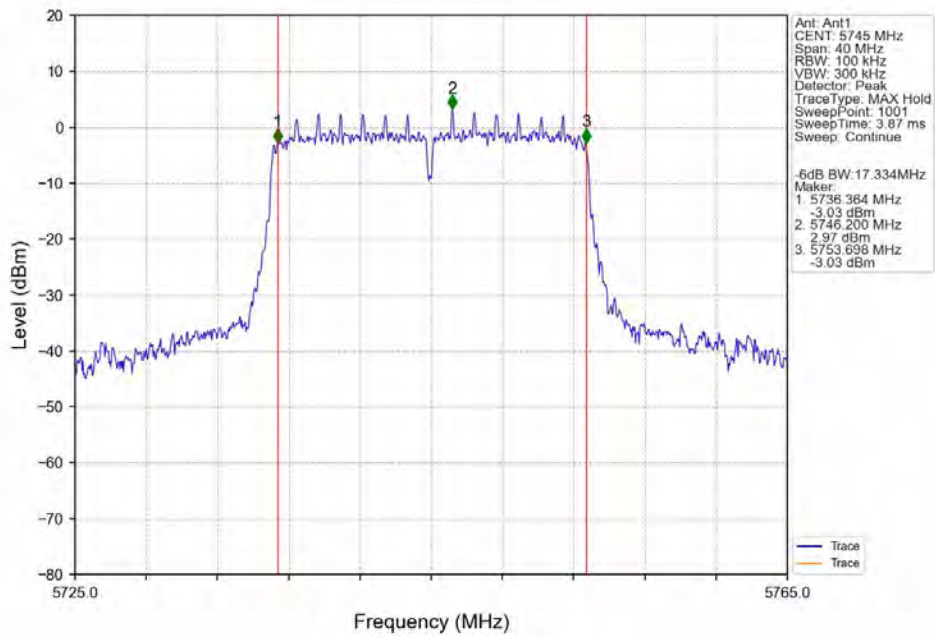
802.11a_HCH_5825MHz_Ant1_NTNV



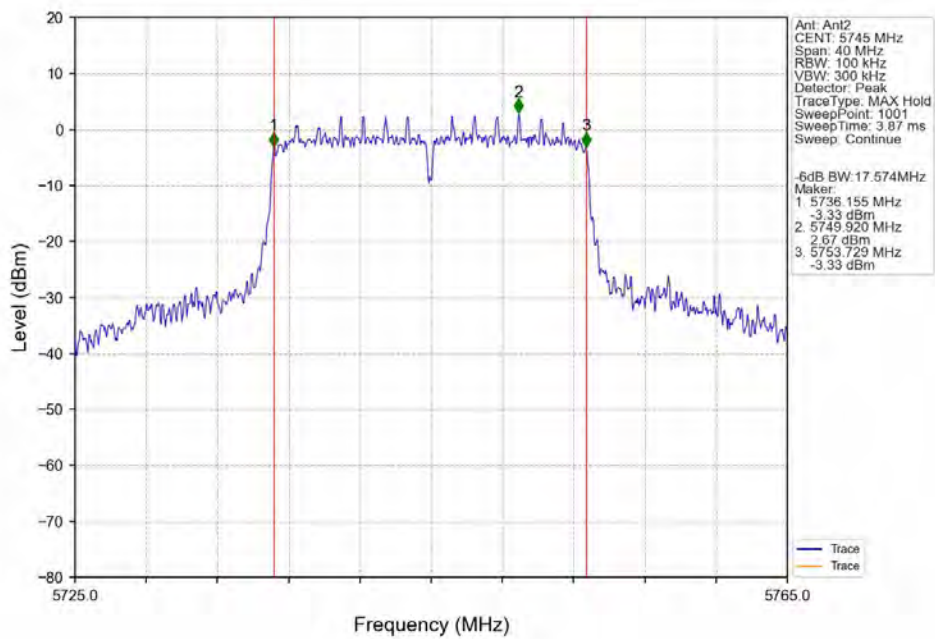
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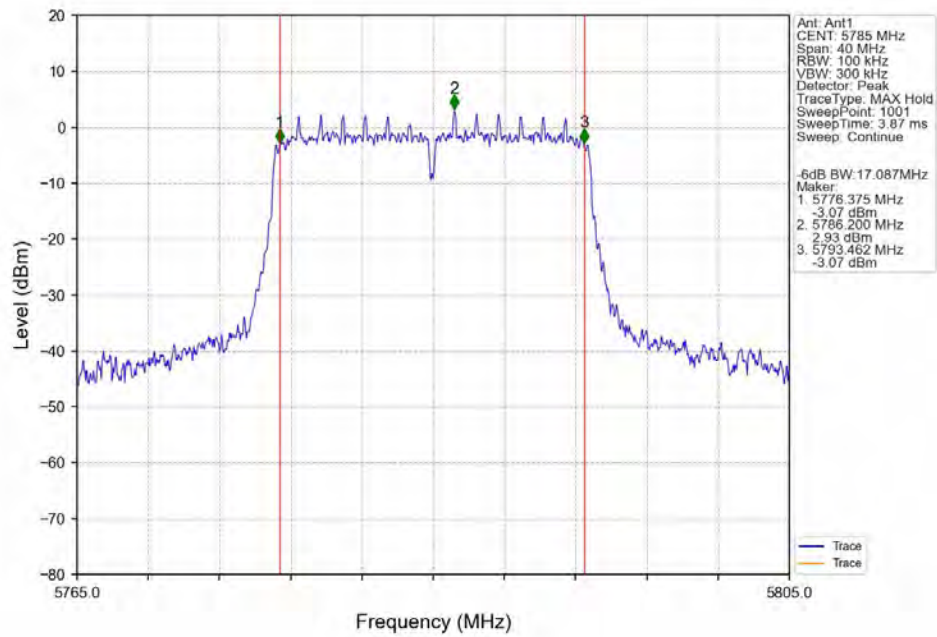
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



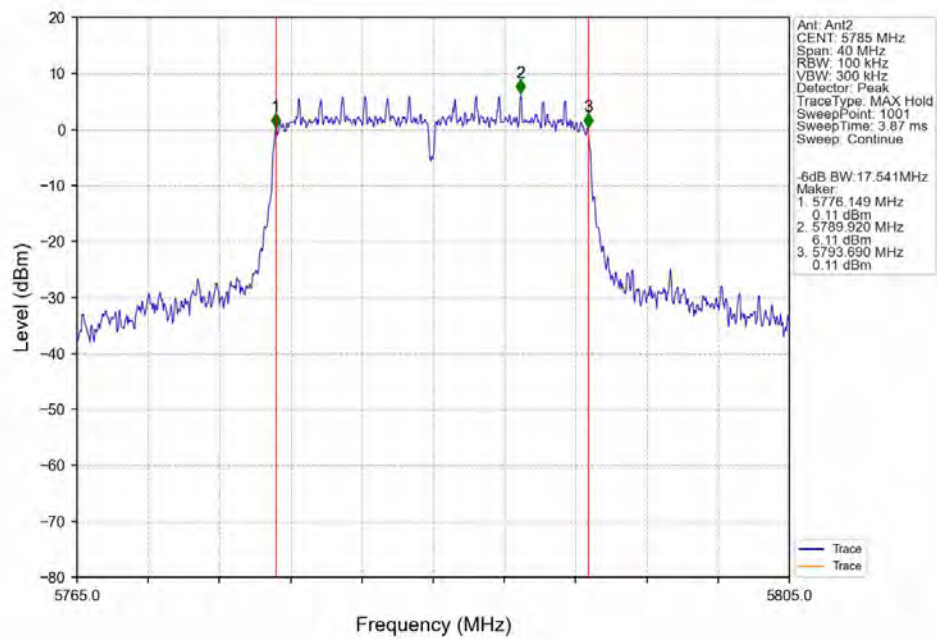
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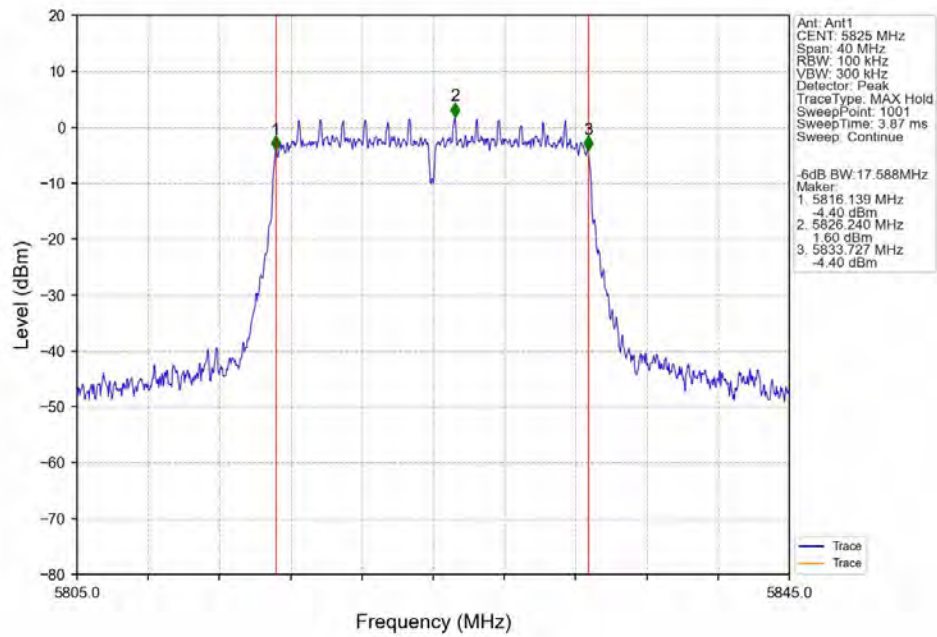
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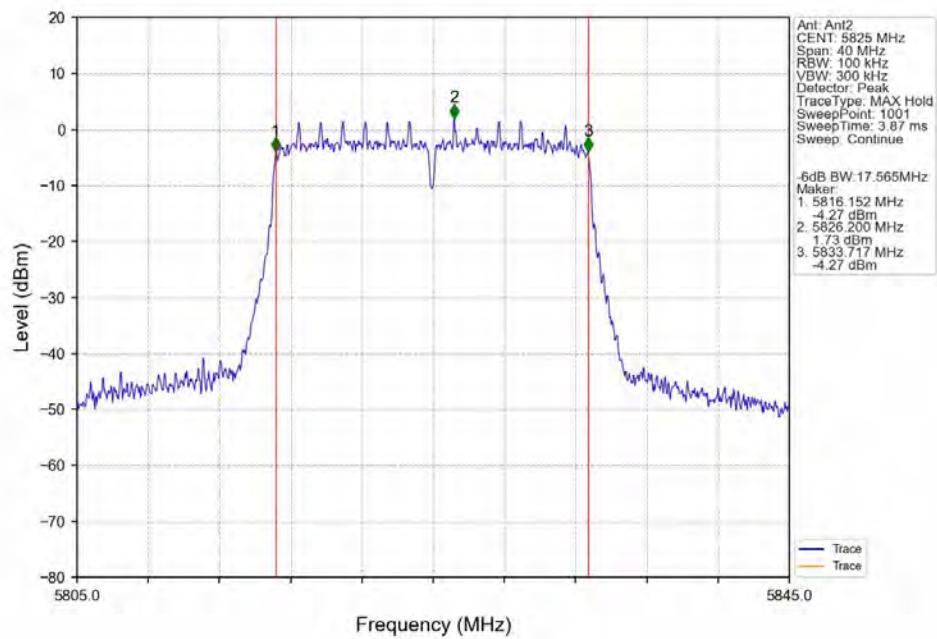
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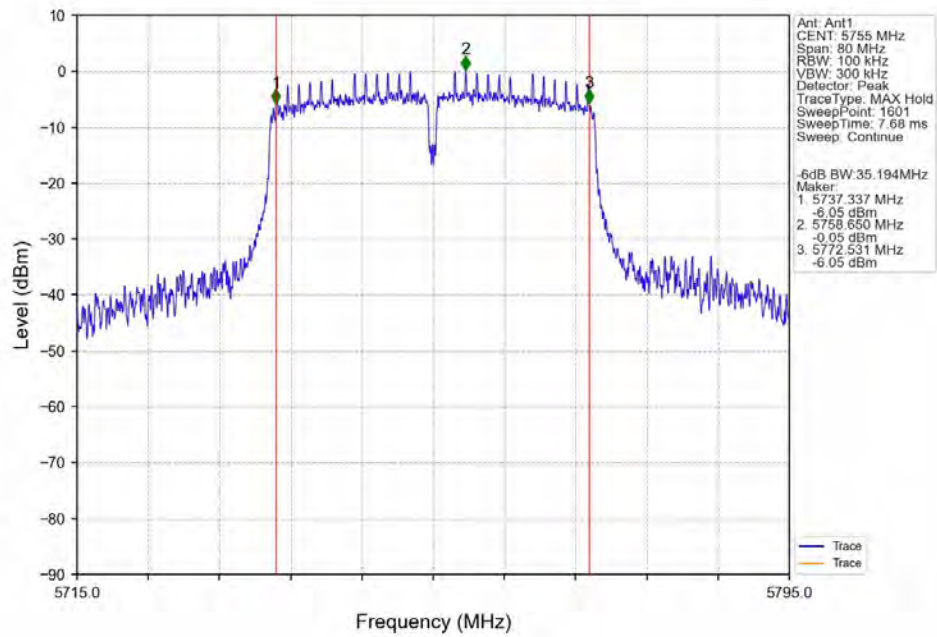
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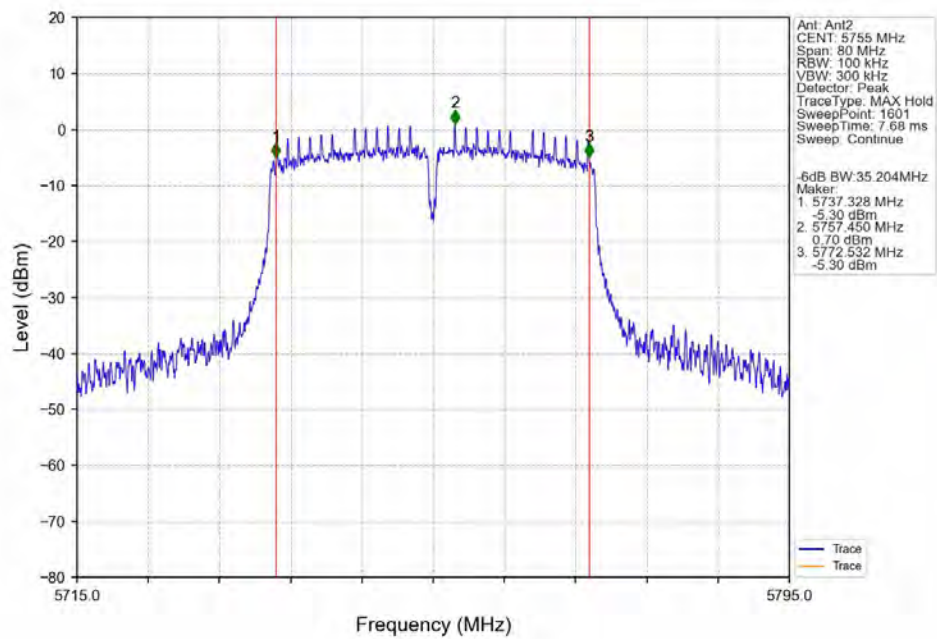
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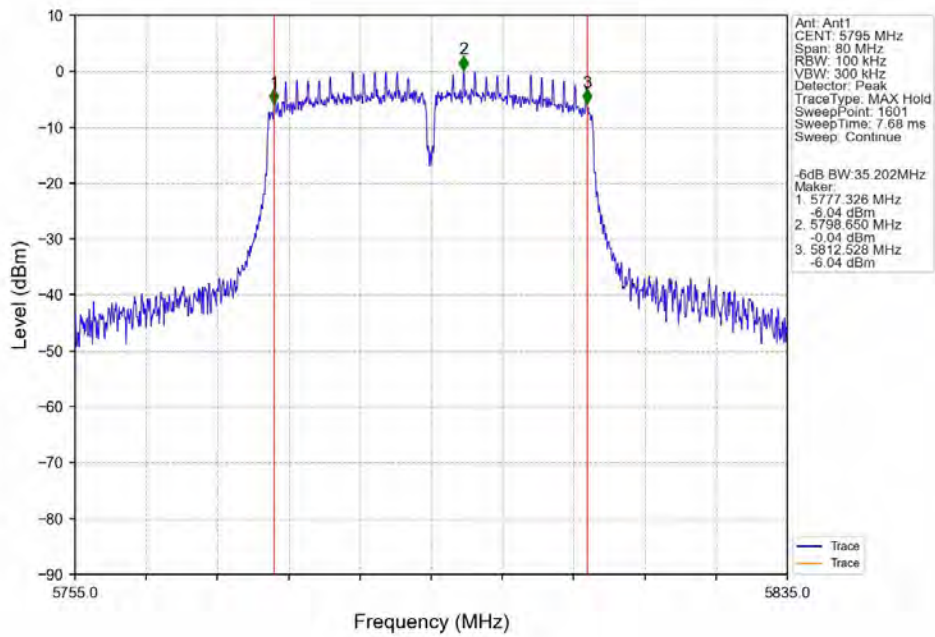
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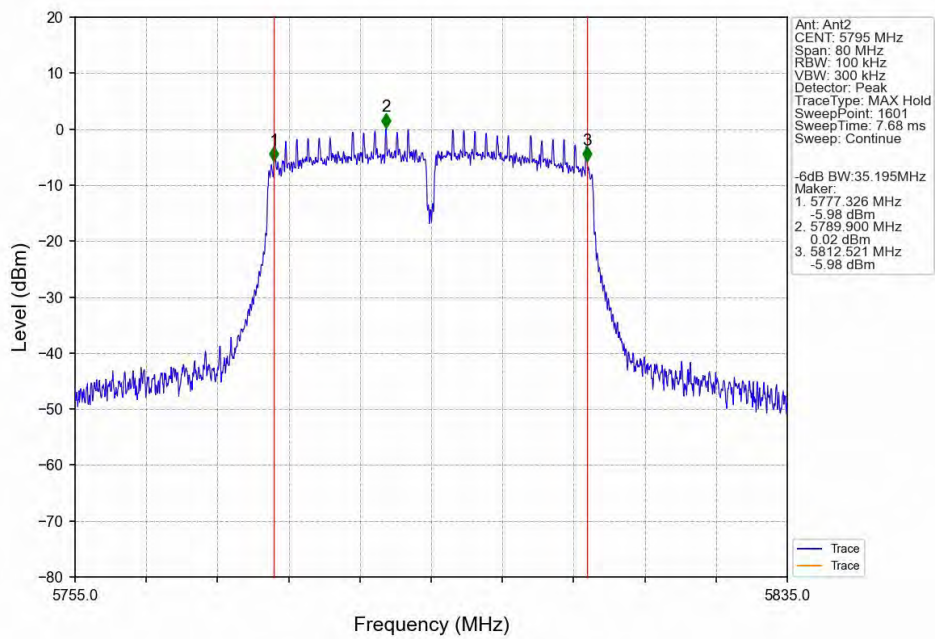
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



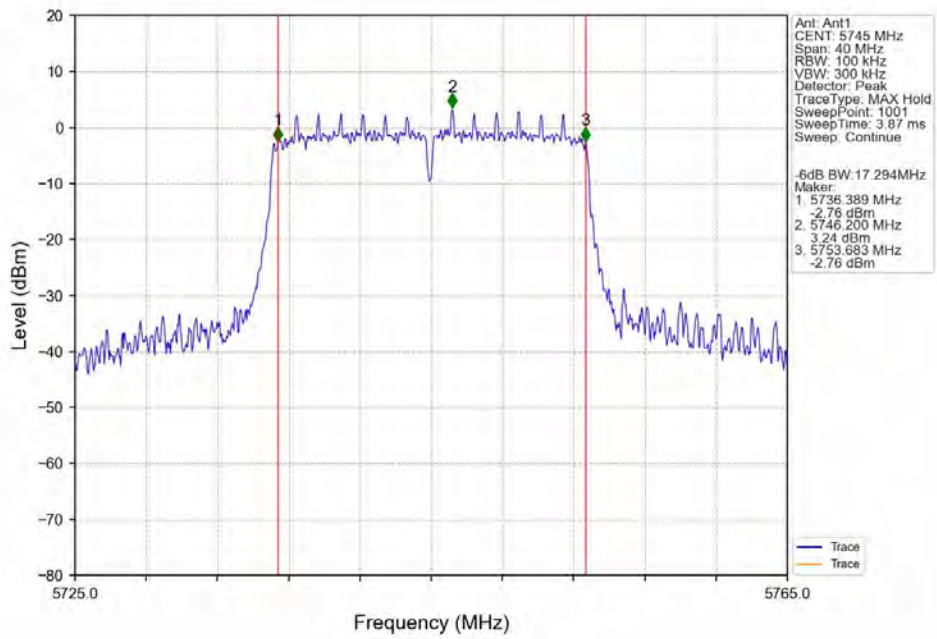
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



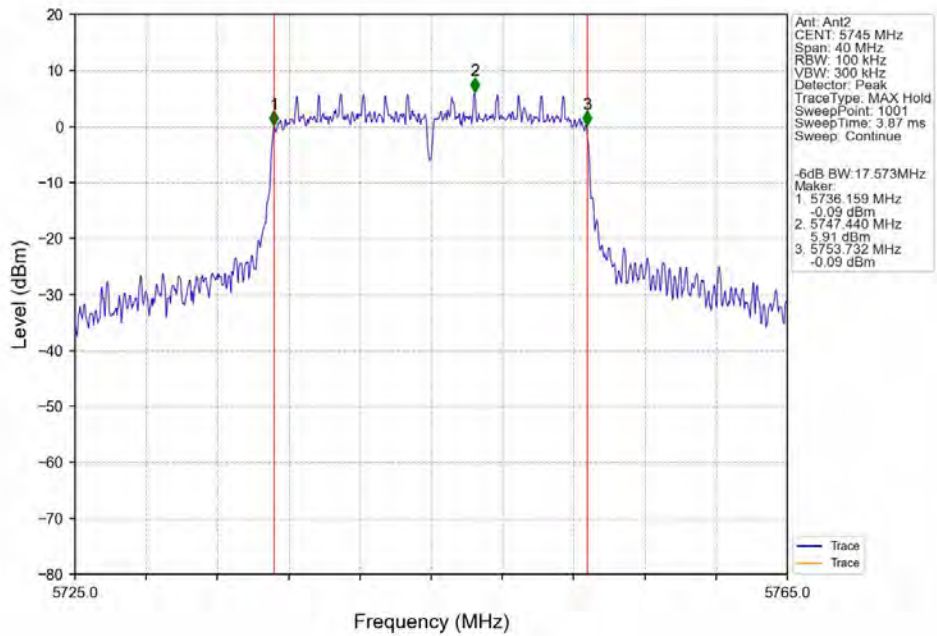
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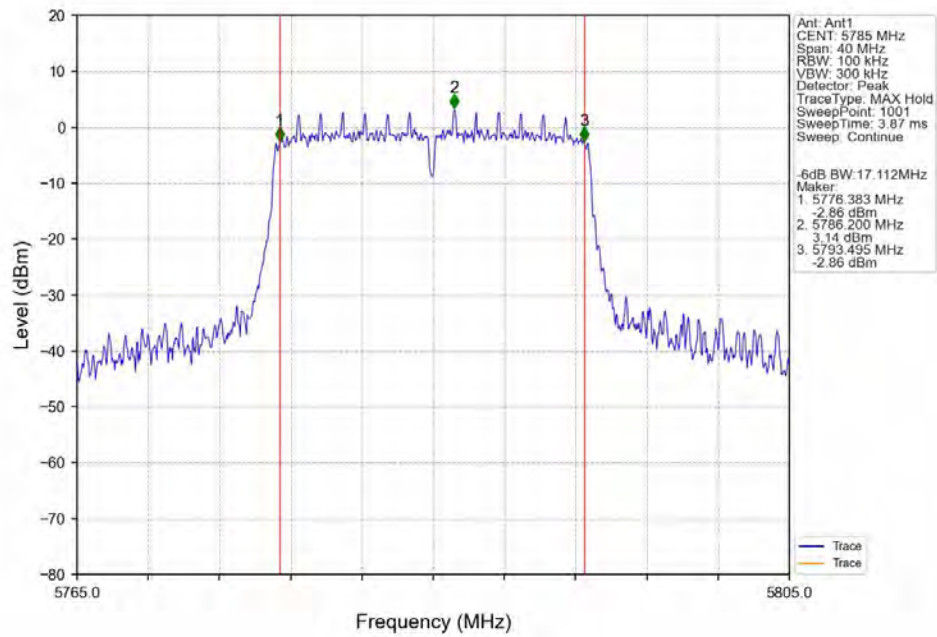
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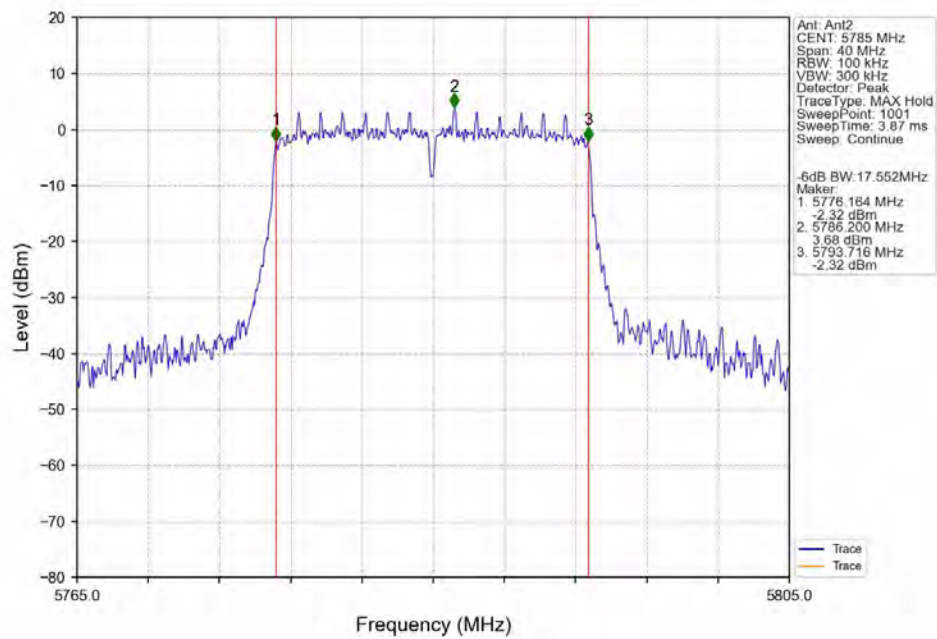
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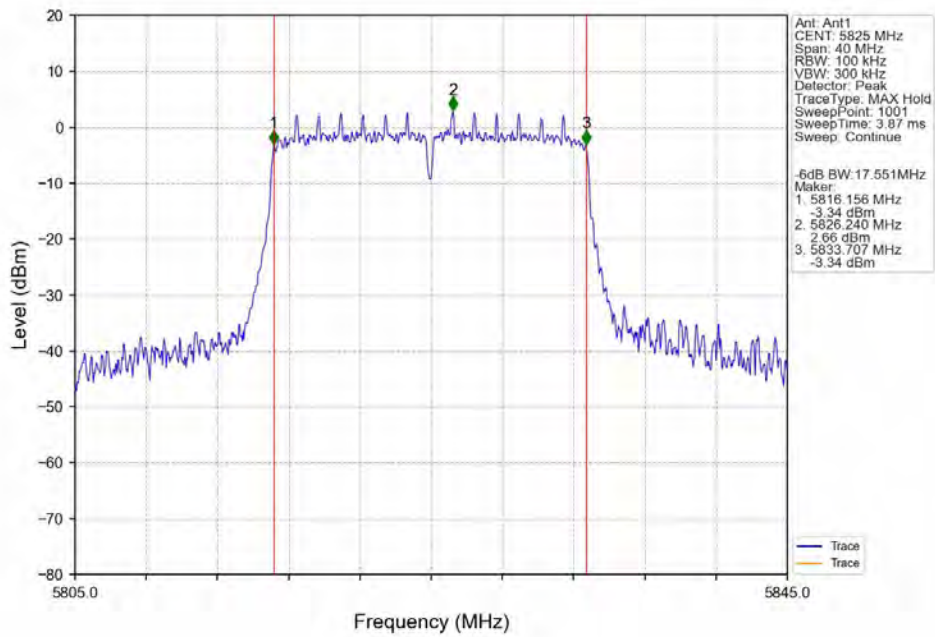
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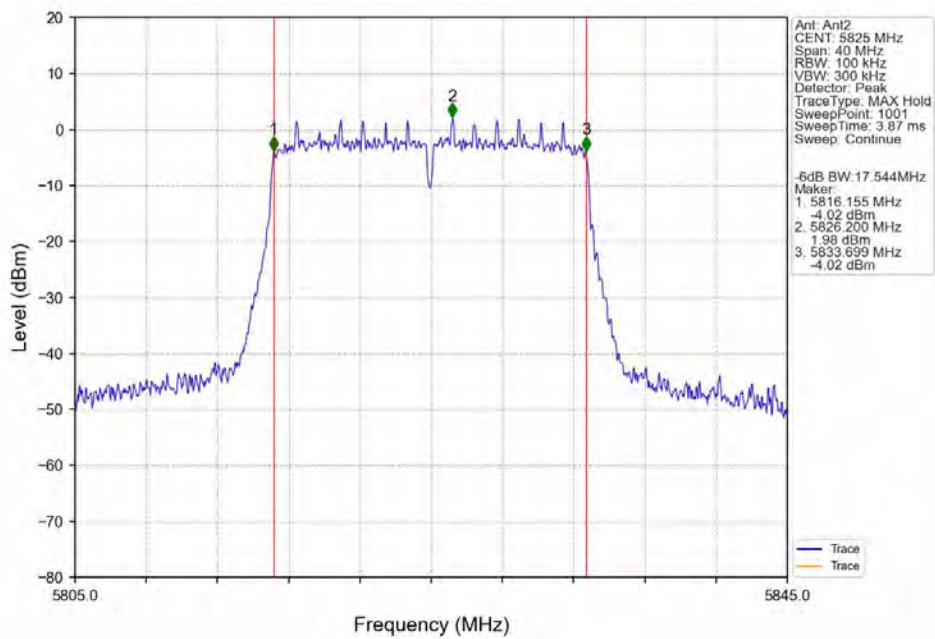
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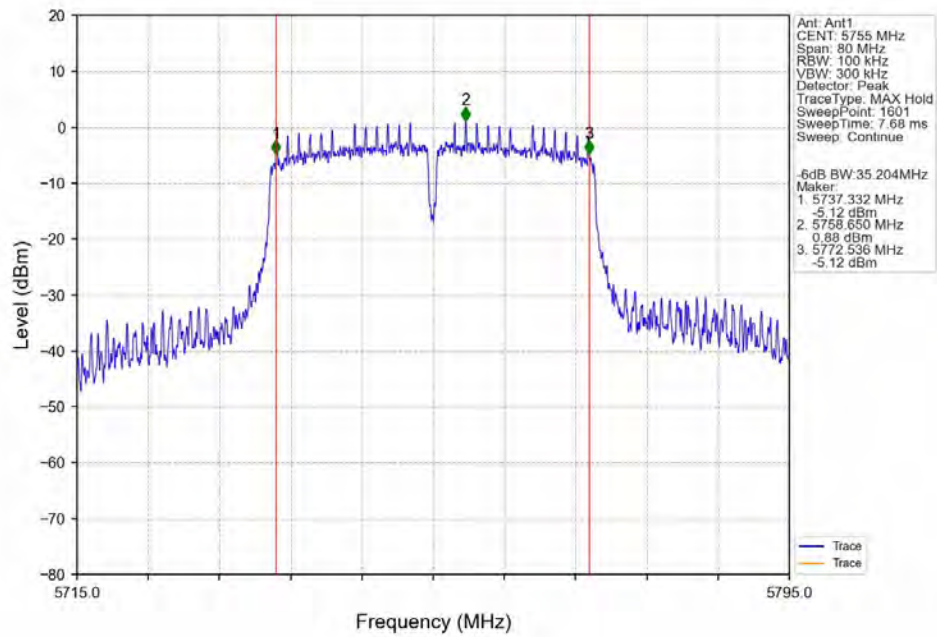
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



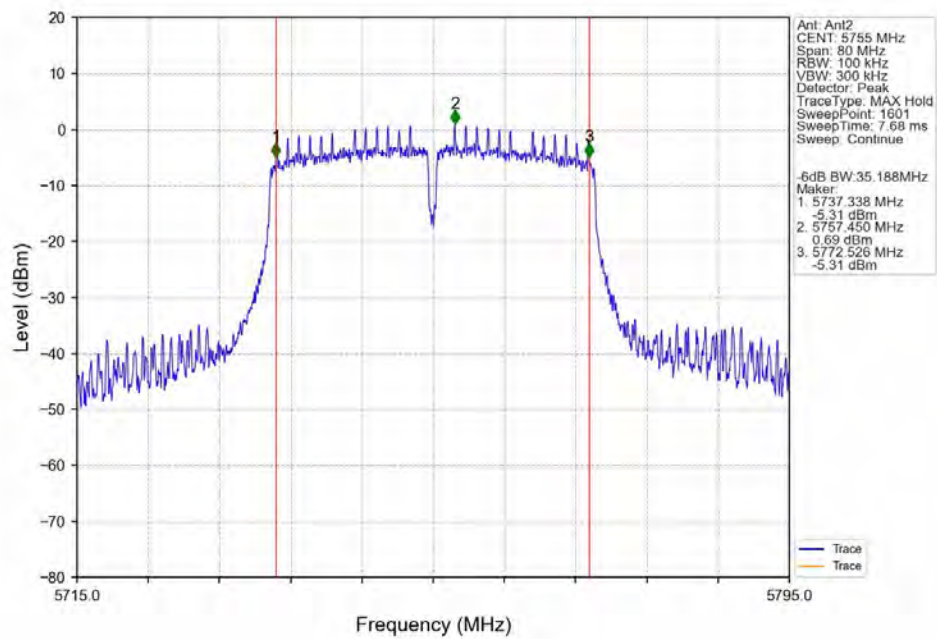
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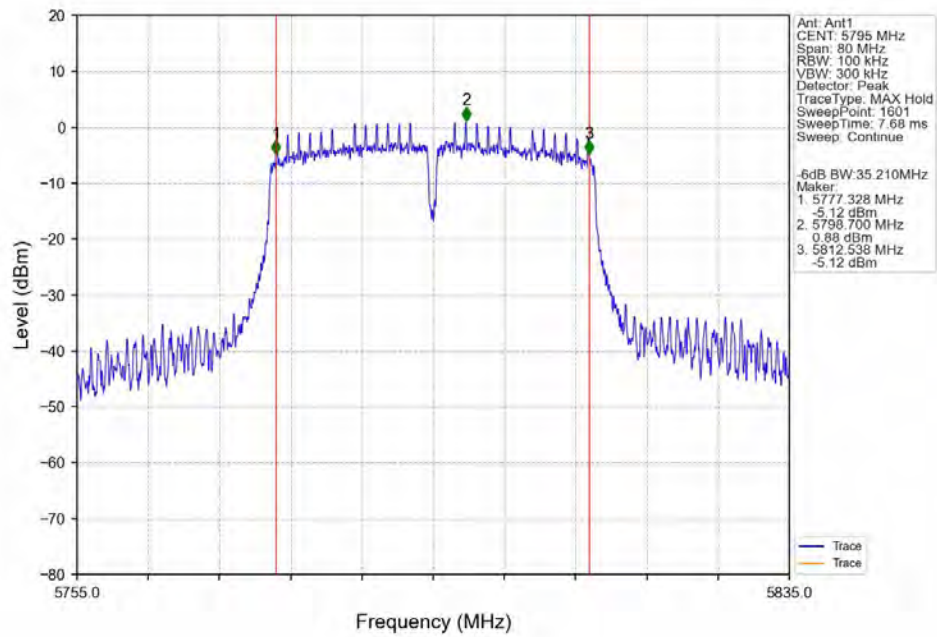
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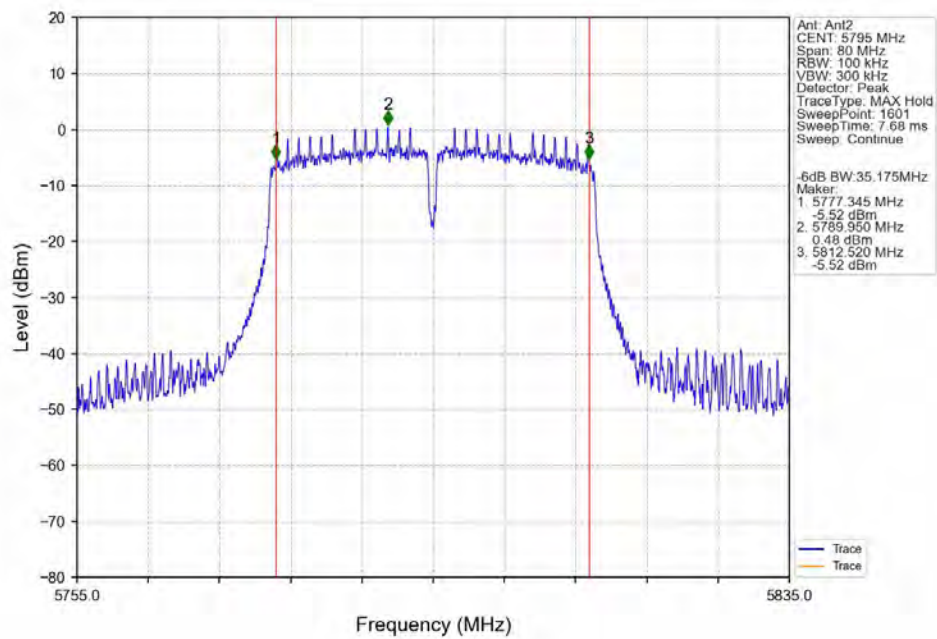
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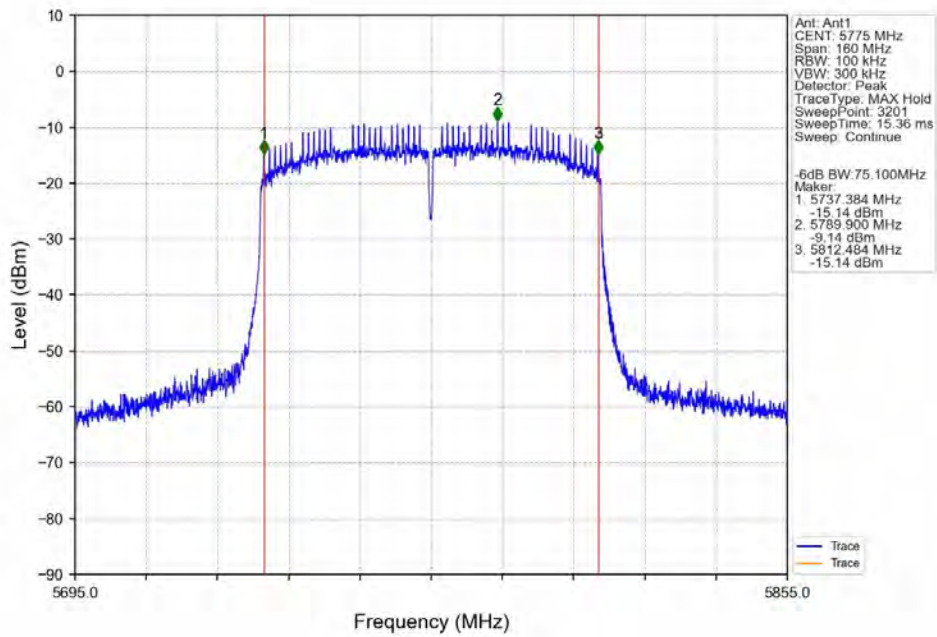
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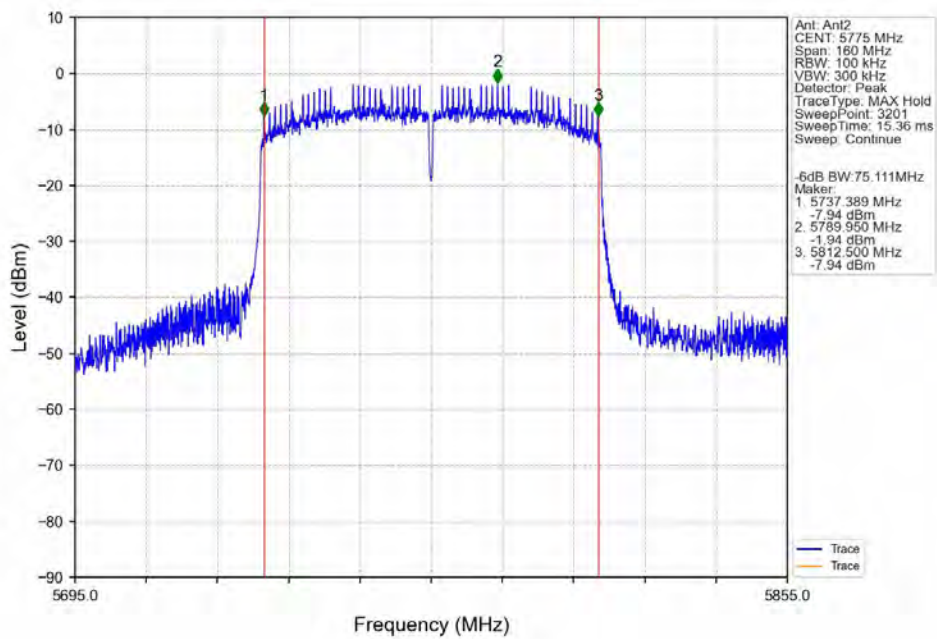
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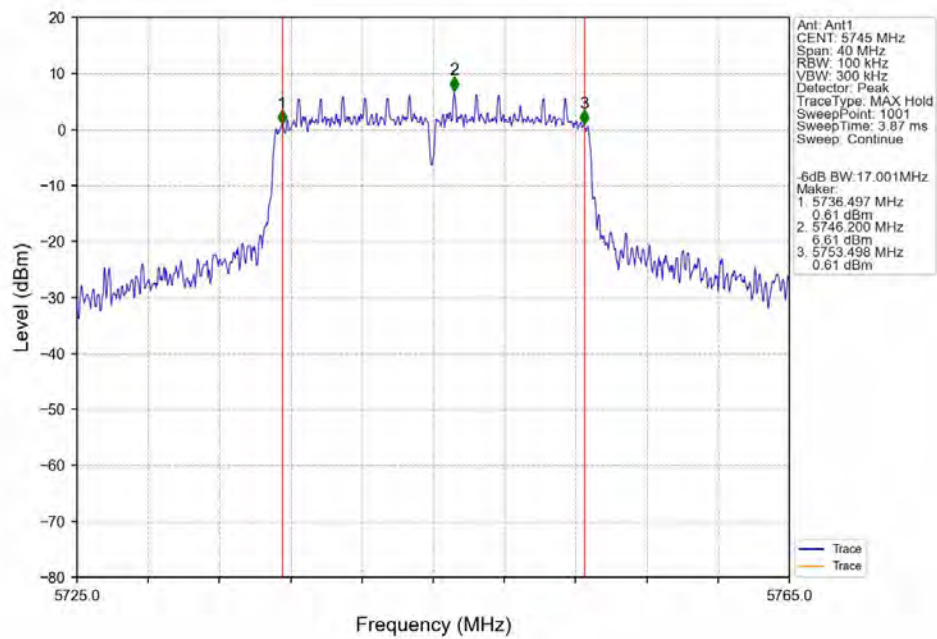
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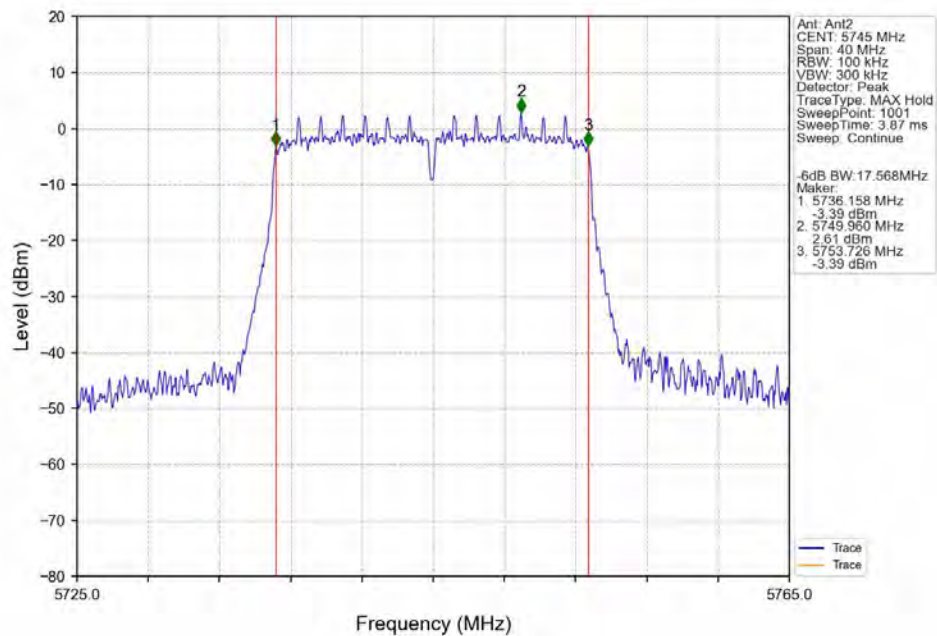
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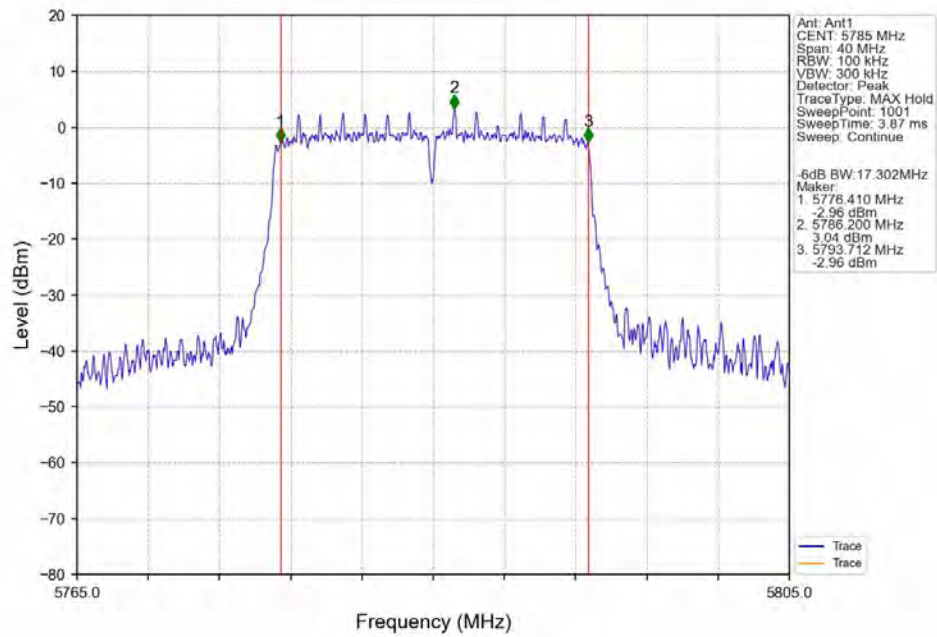
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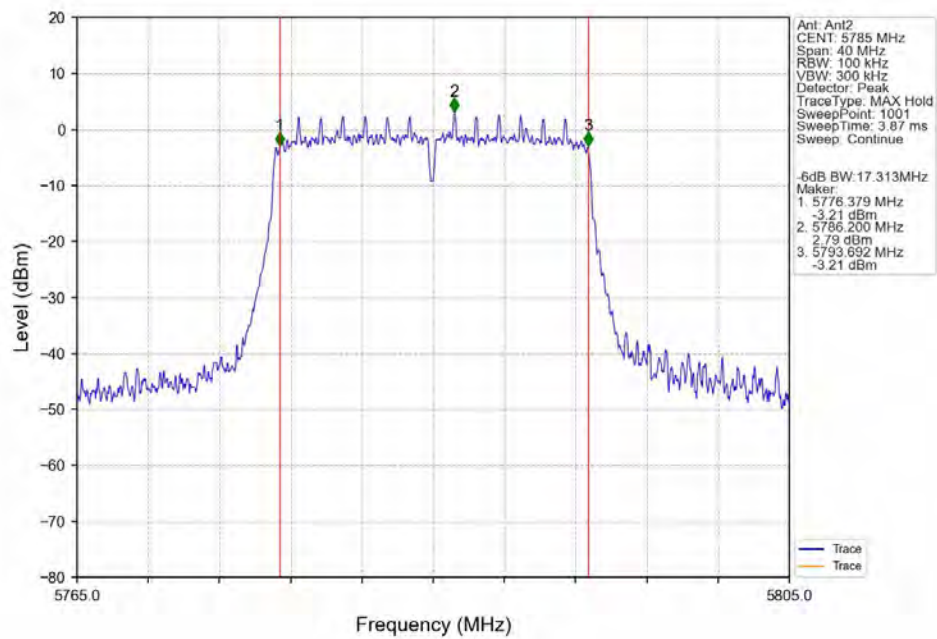
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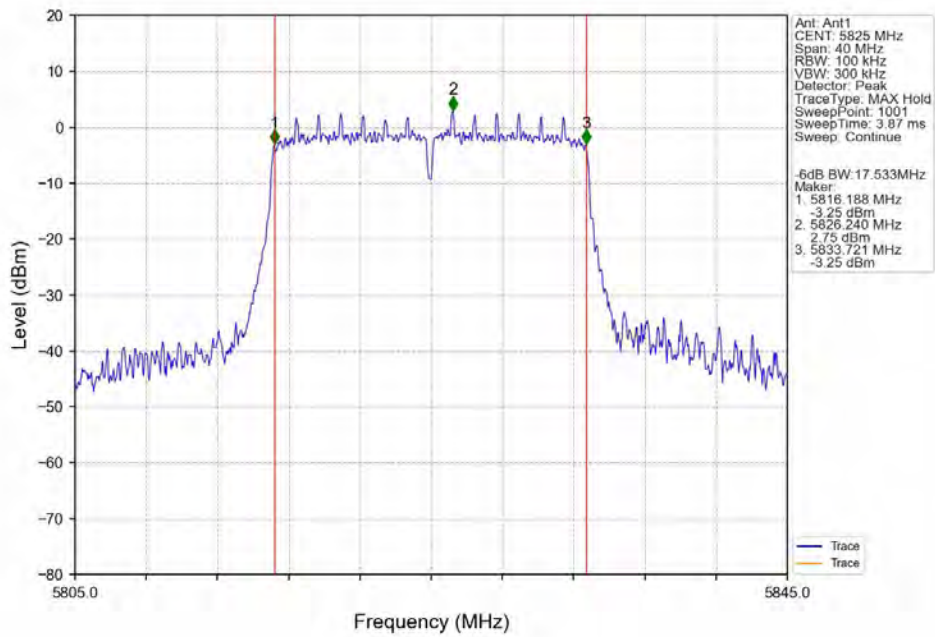
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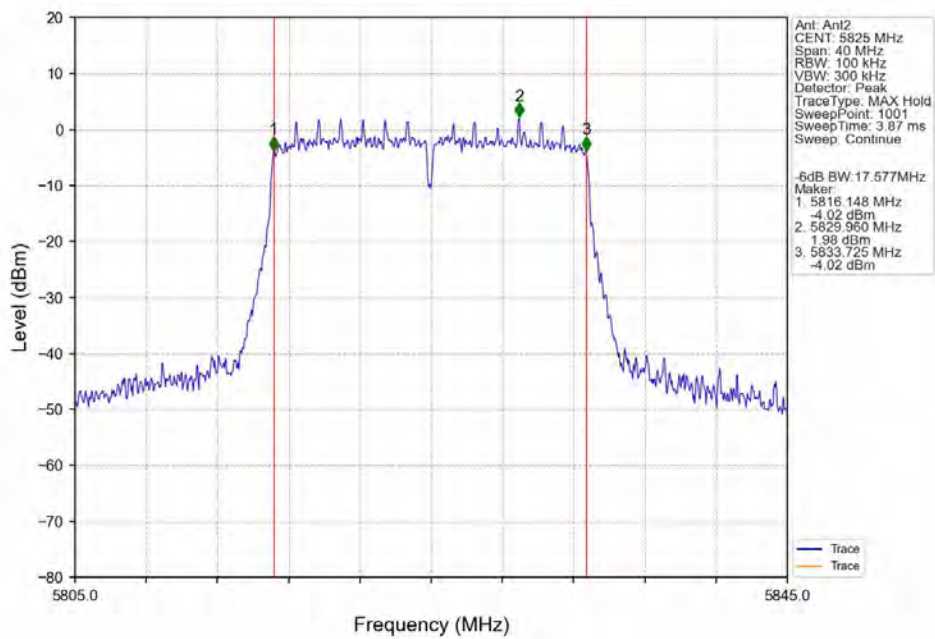
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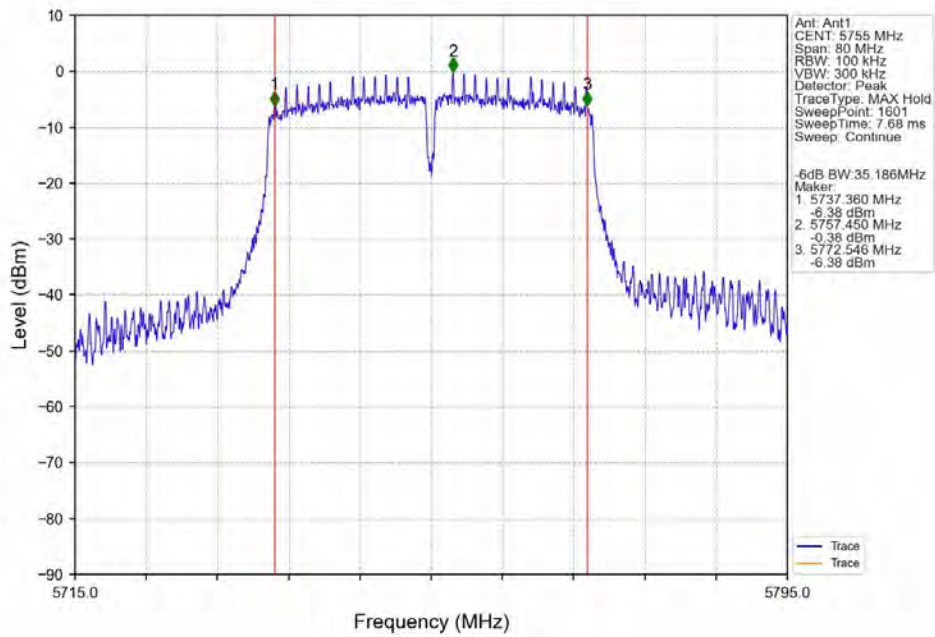
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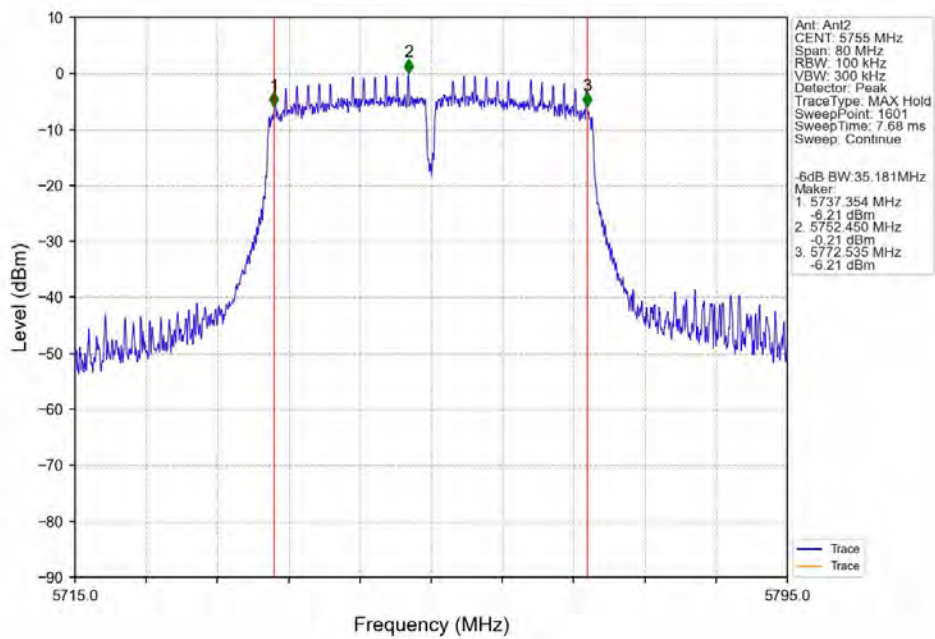
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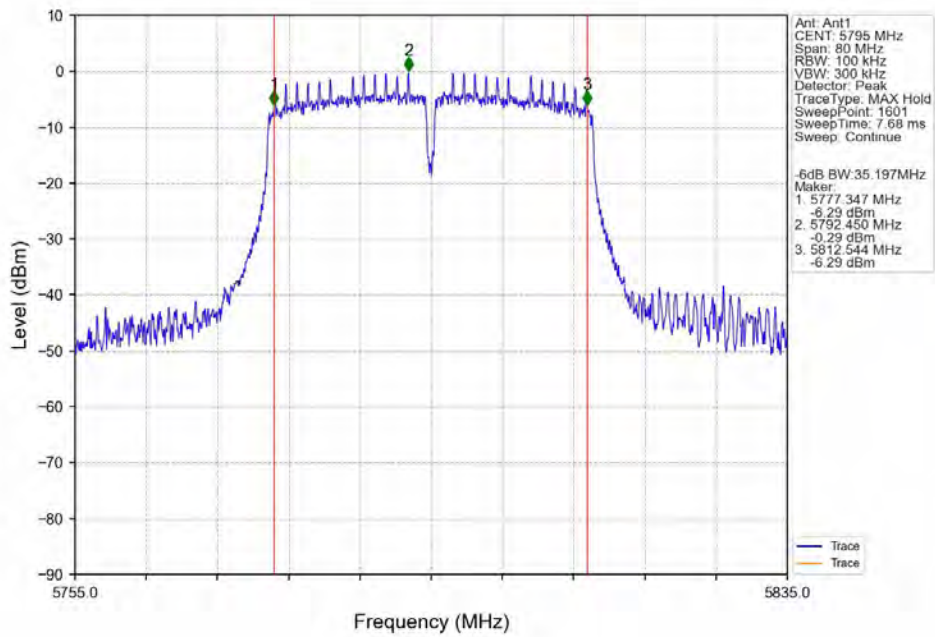
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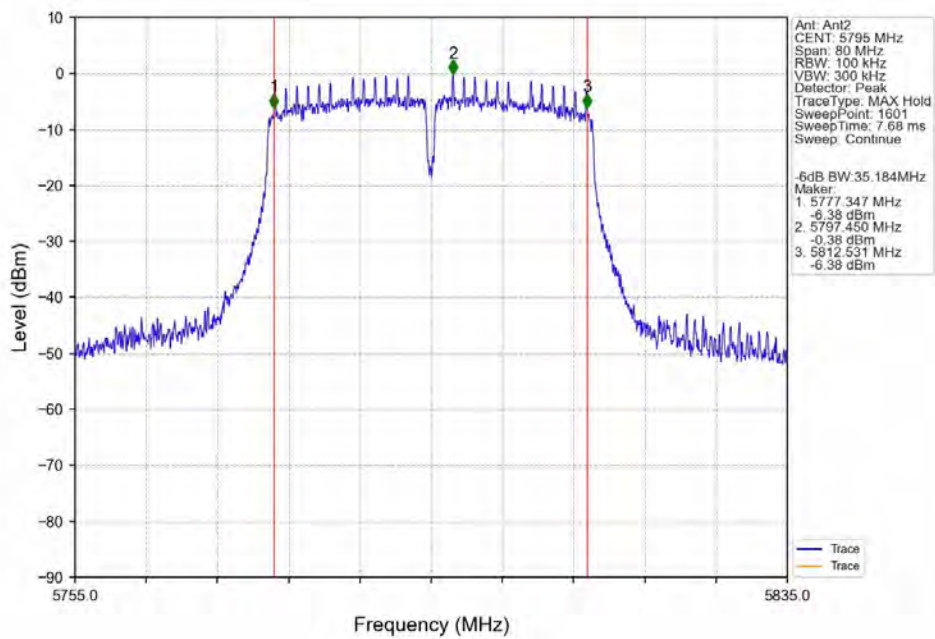
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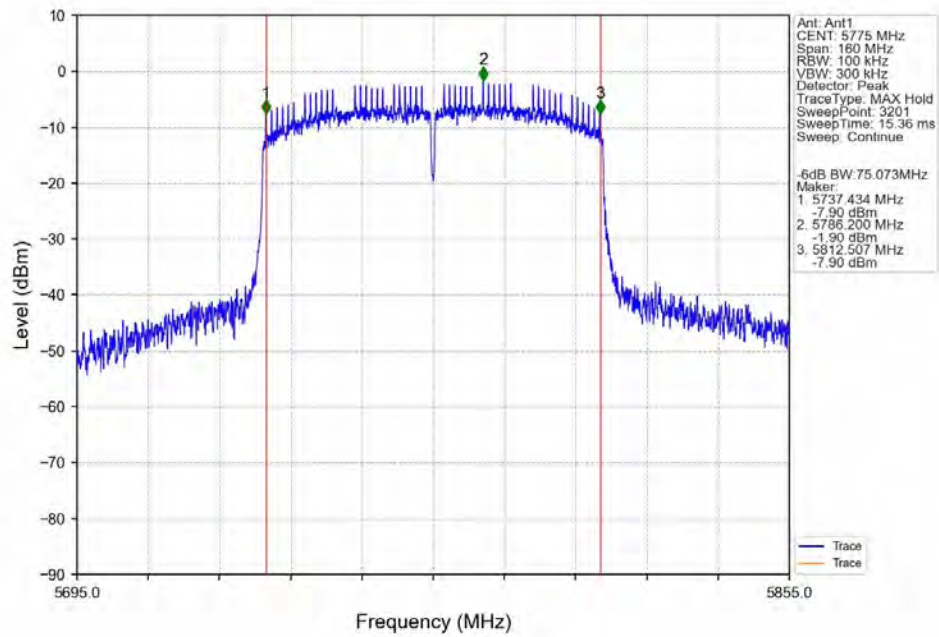
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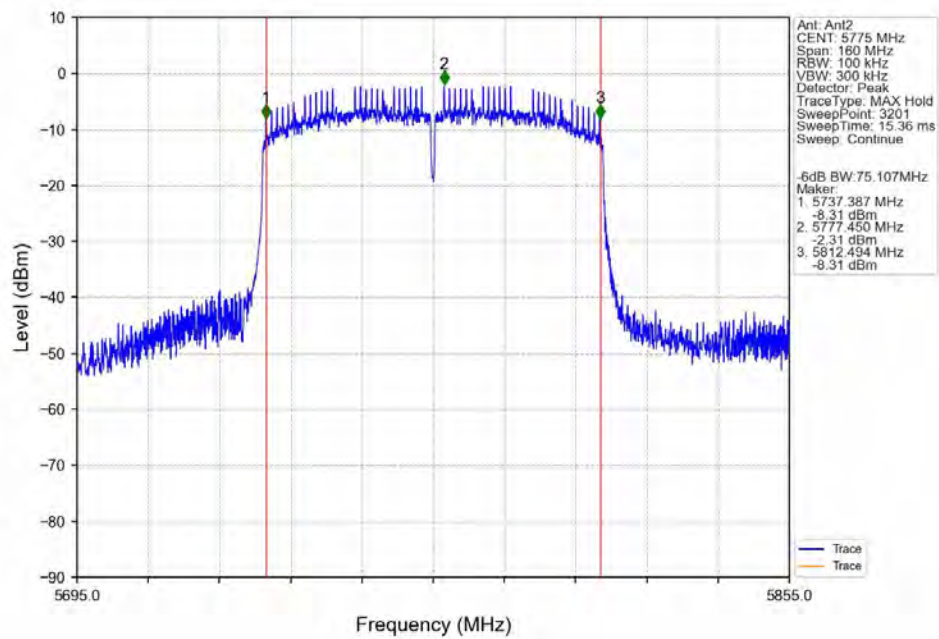
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802.11ax(HEW80)_MCH_5775MHz_Ant1_NTNV

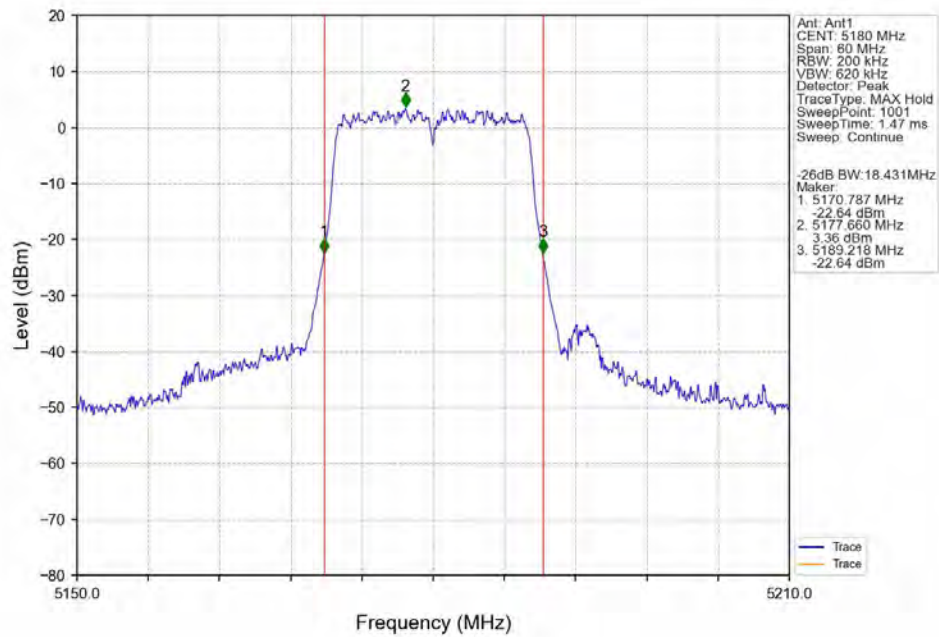


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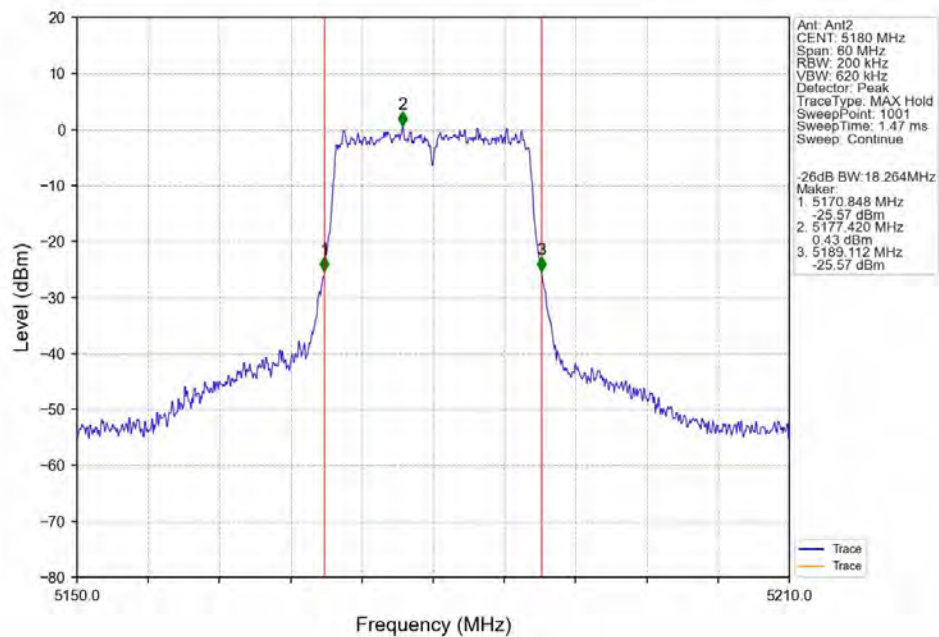


2.2.3 26dB BW

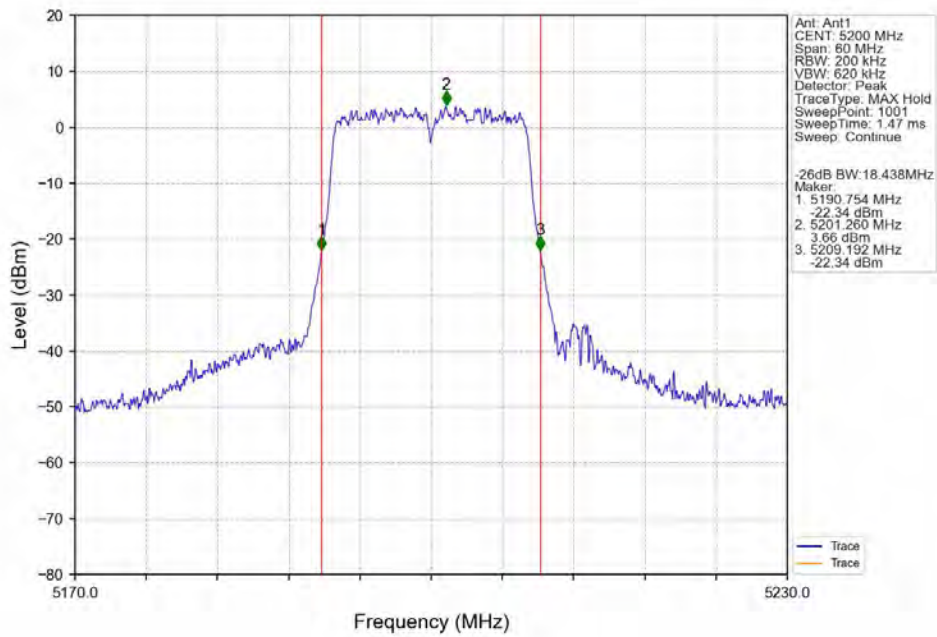
802.11a_LCH_5180MHz_Ant1_NTNV



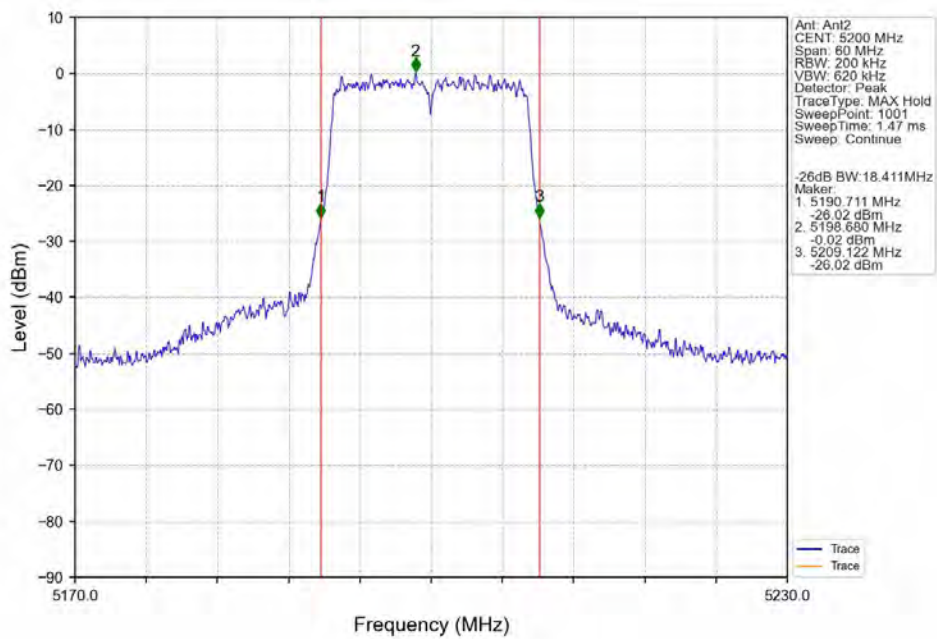
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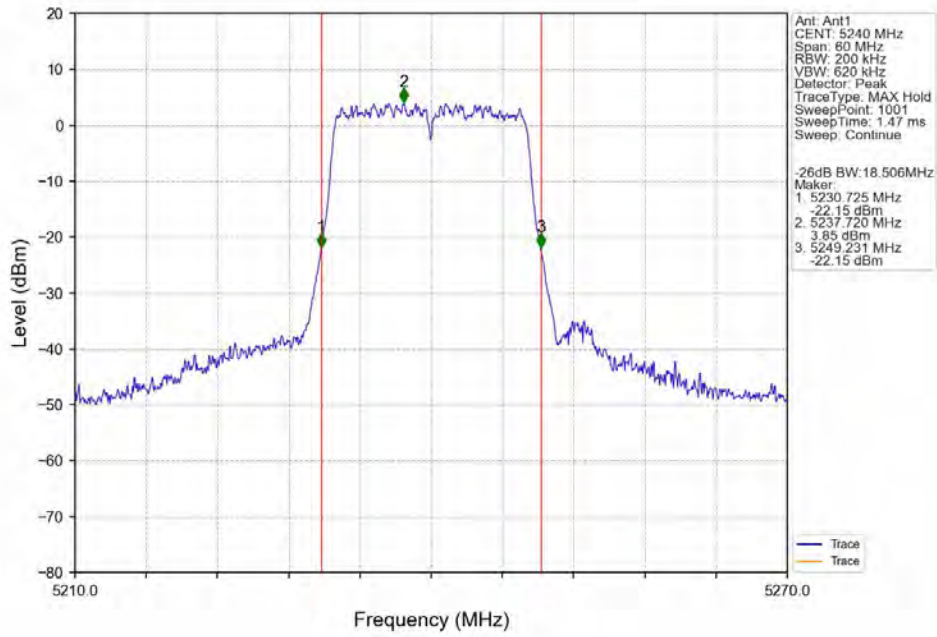
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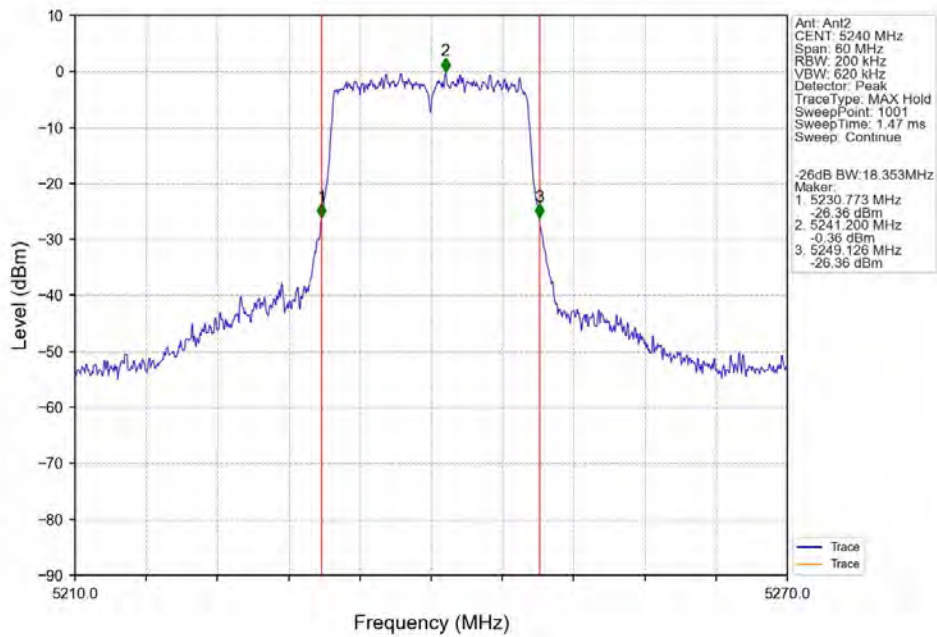
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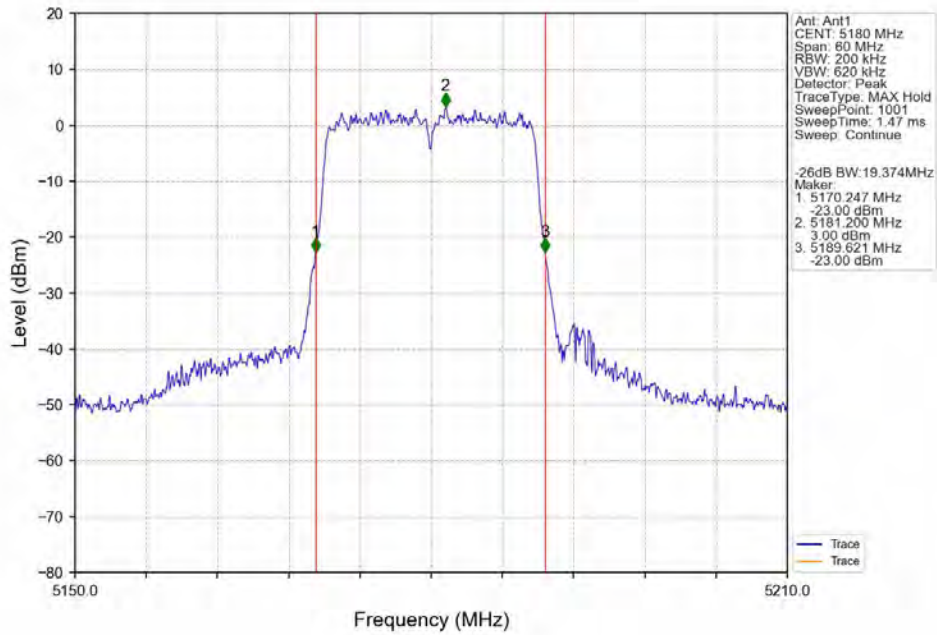
802.11a_HCH_5240MHz_Ant1_NTNV



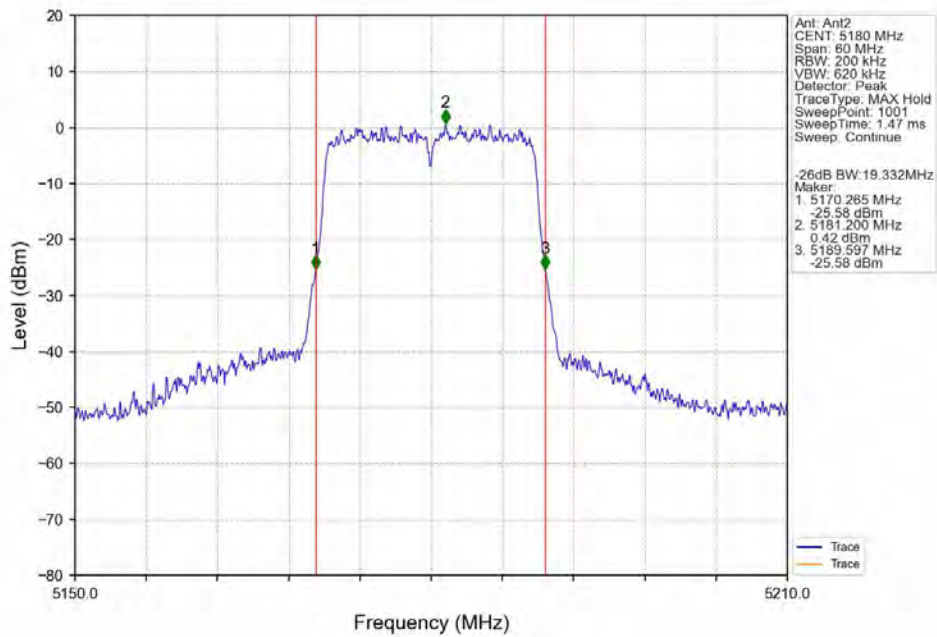
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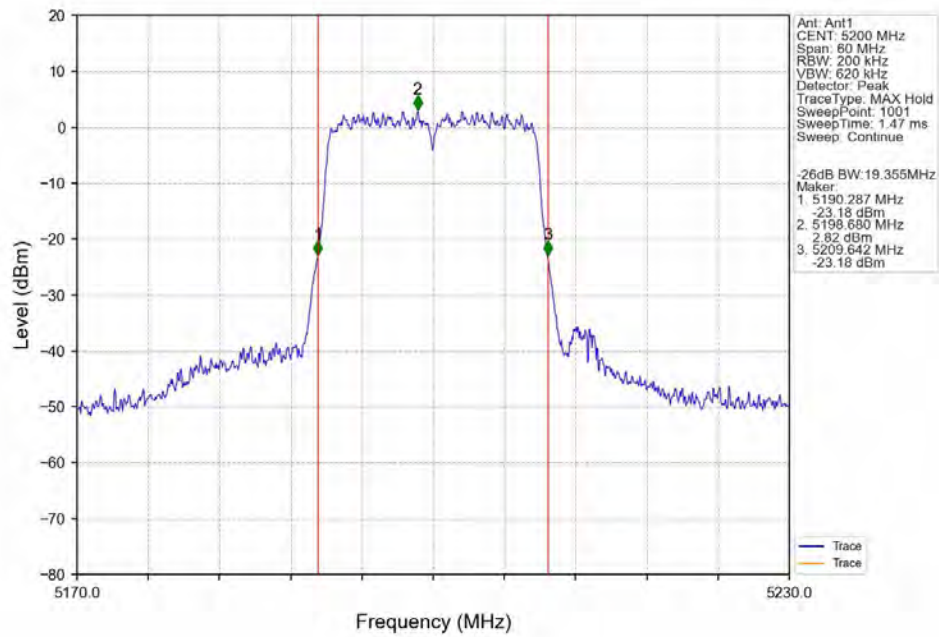
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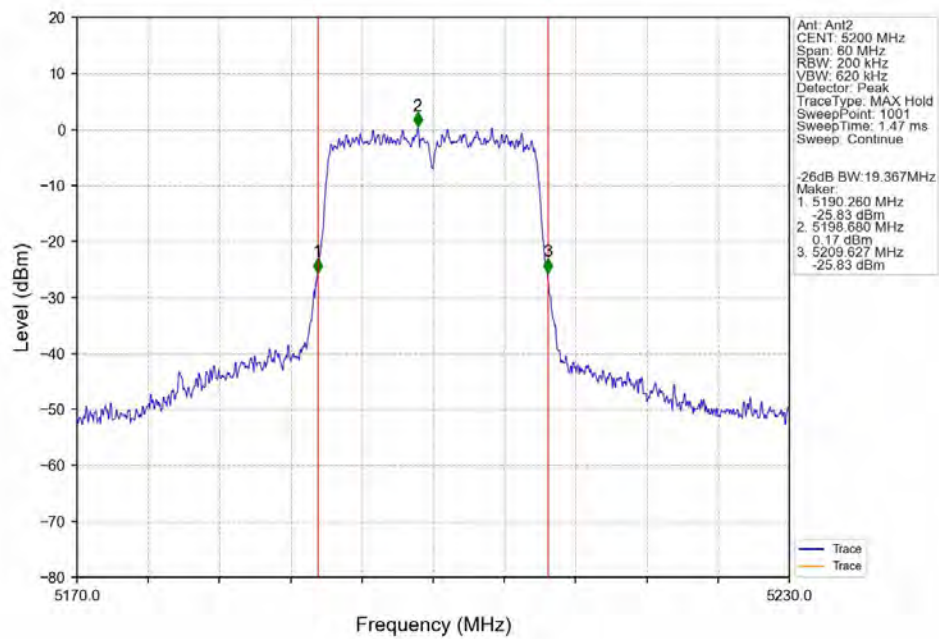
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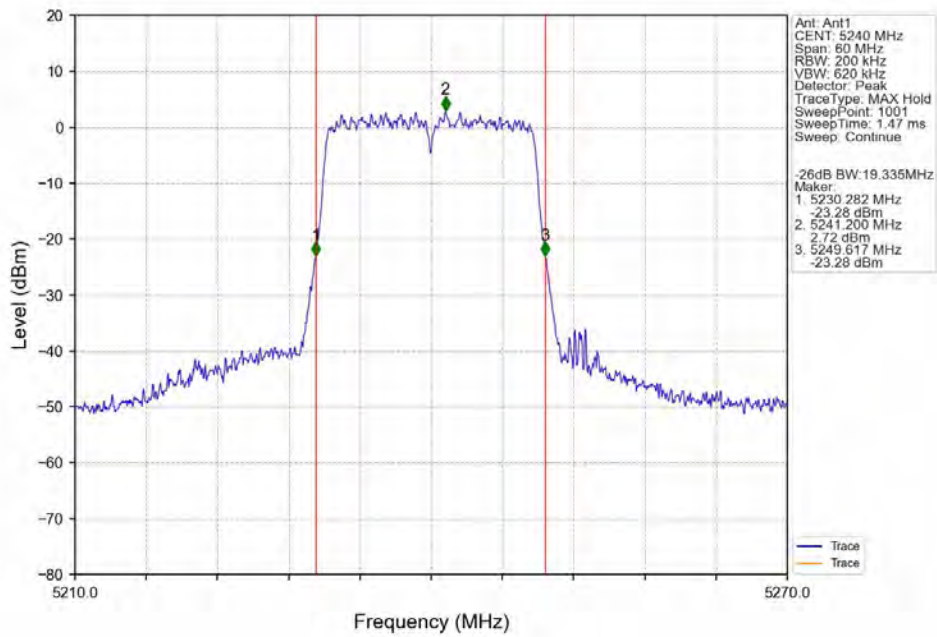
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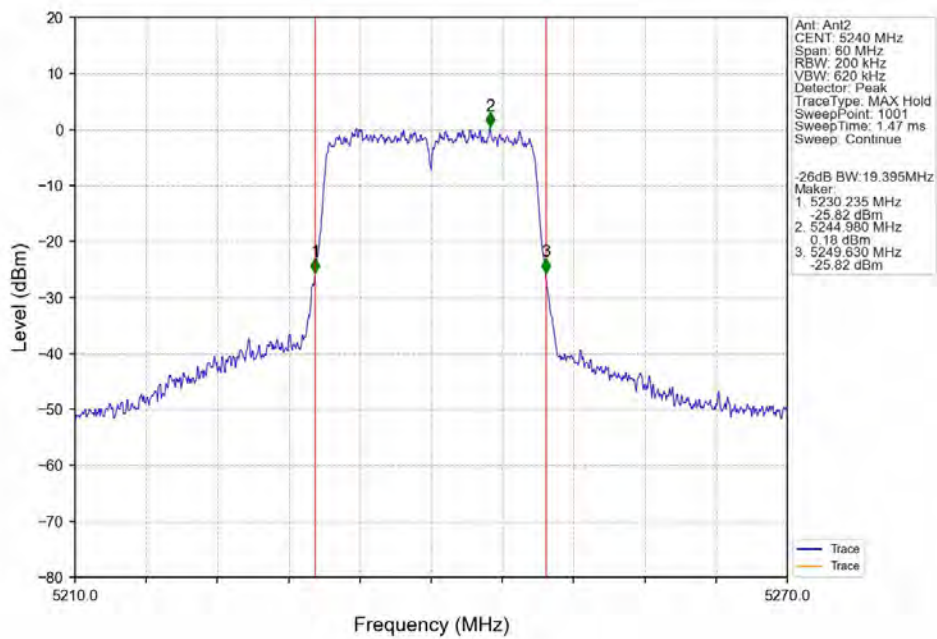
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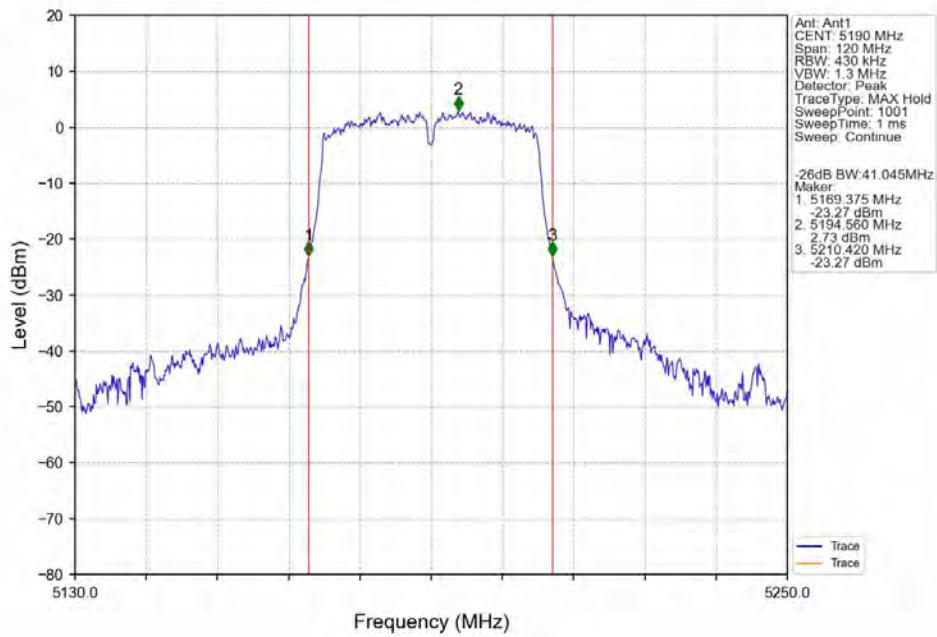
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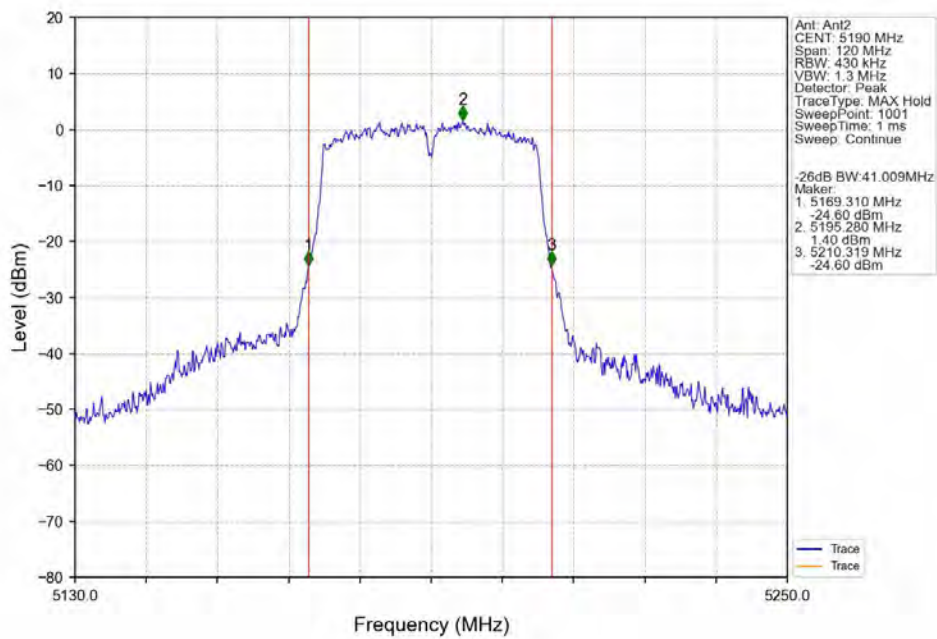
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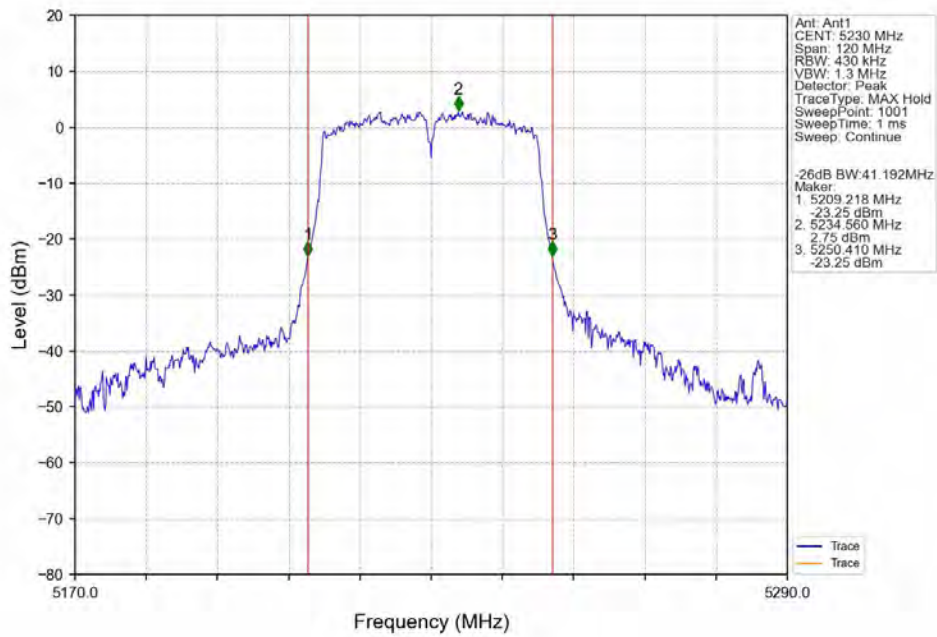
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



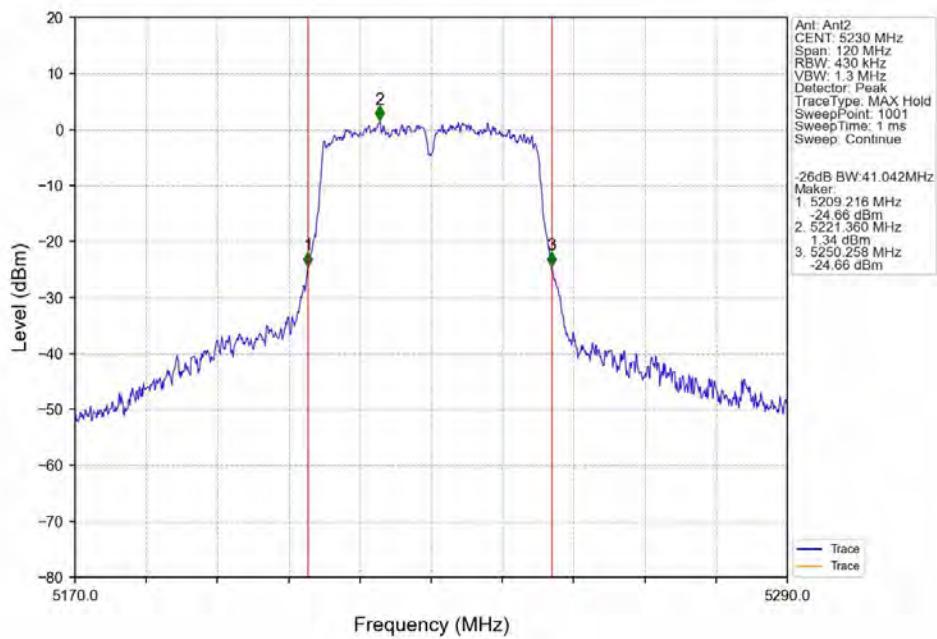
802.11n(HT40) LCH_5190MHz_Ant2_NTNV



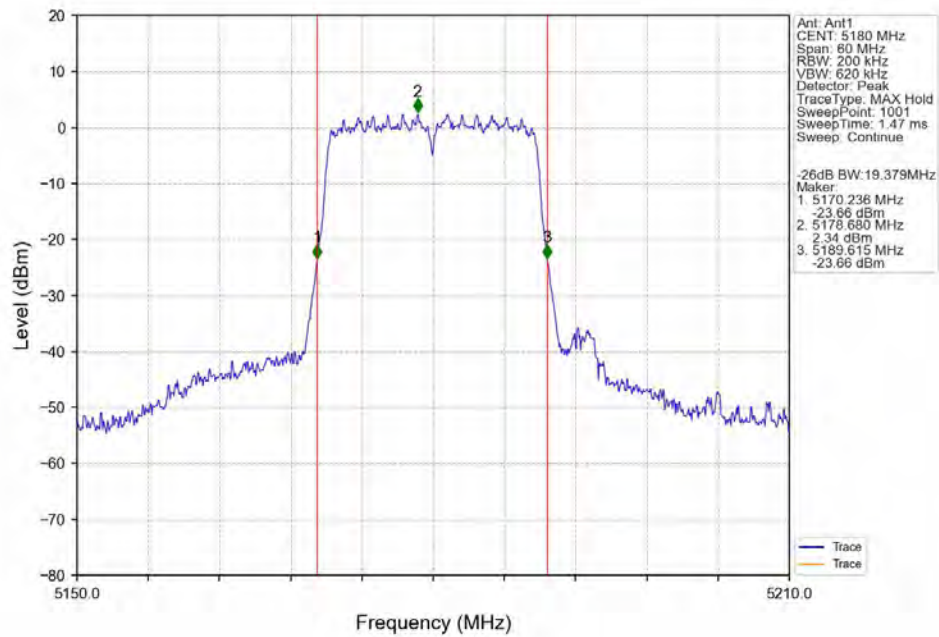
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



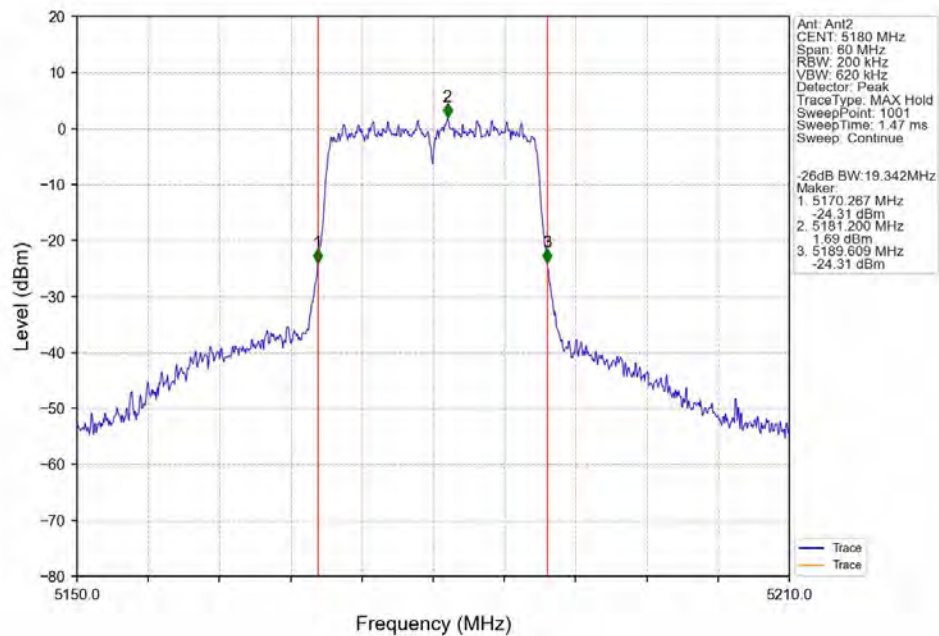
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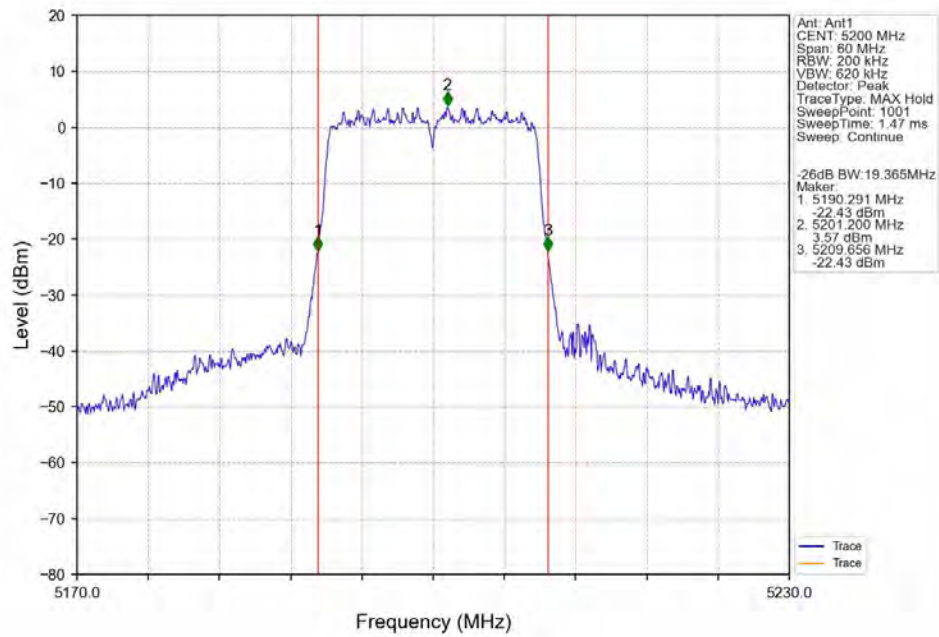
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



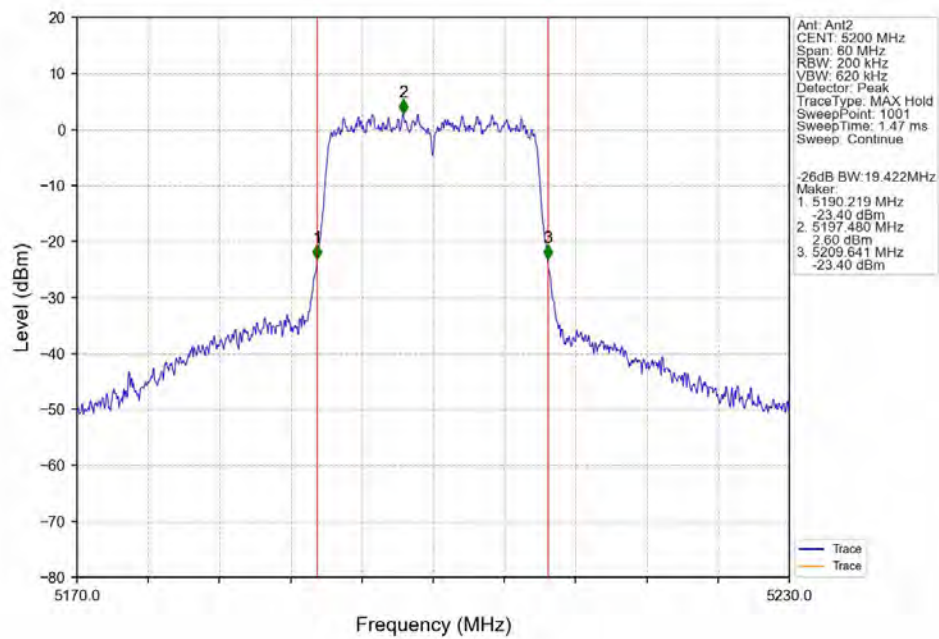
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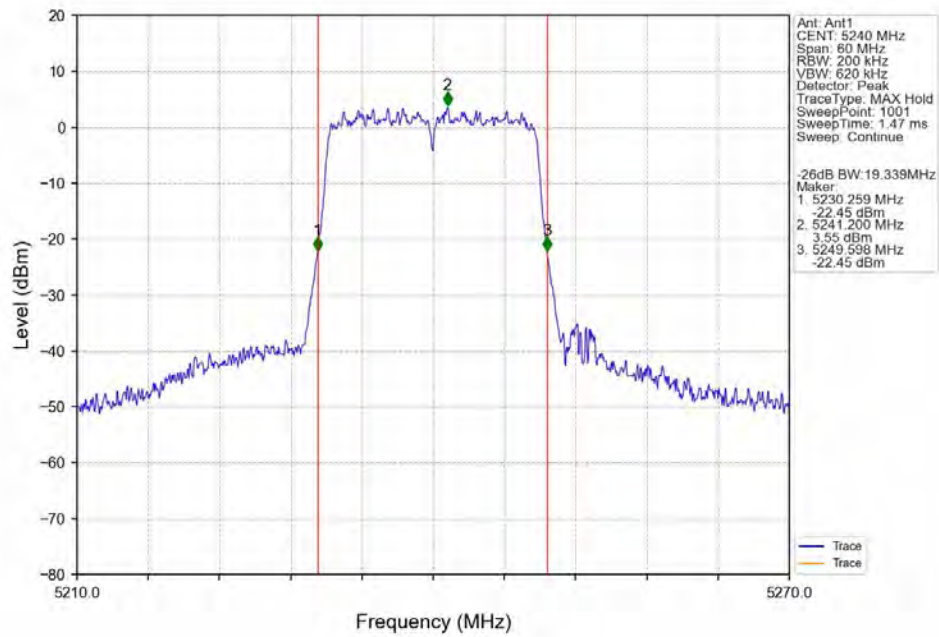
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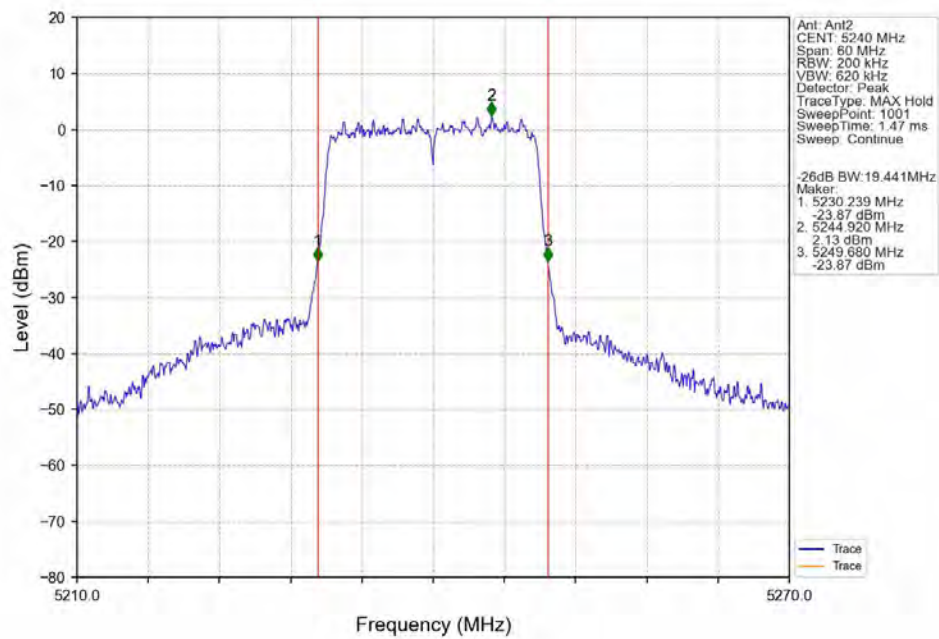
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



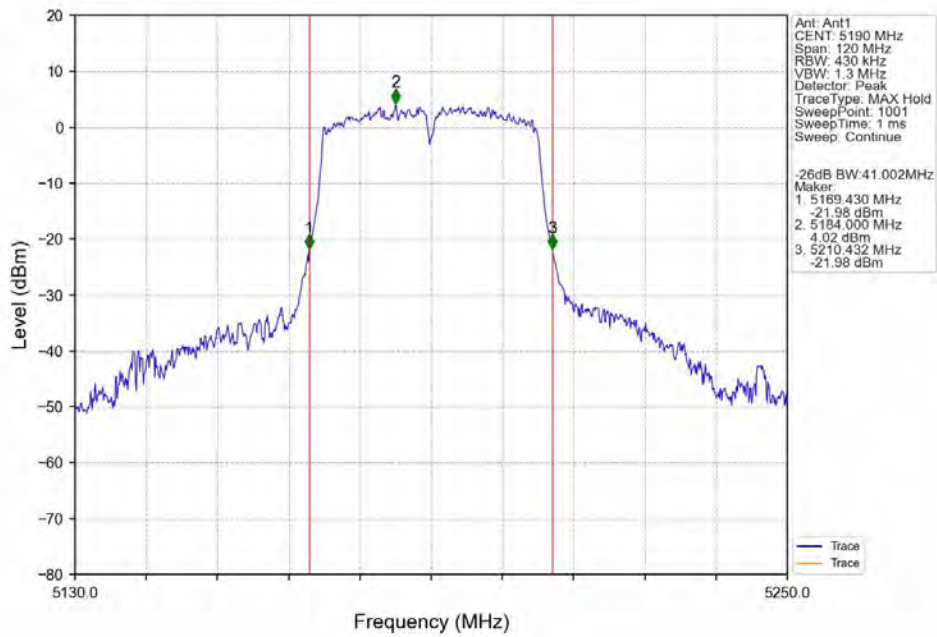
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



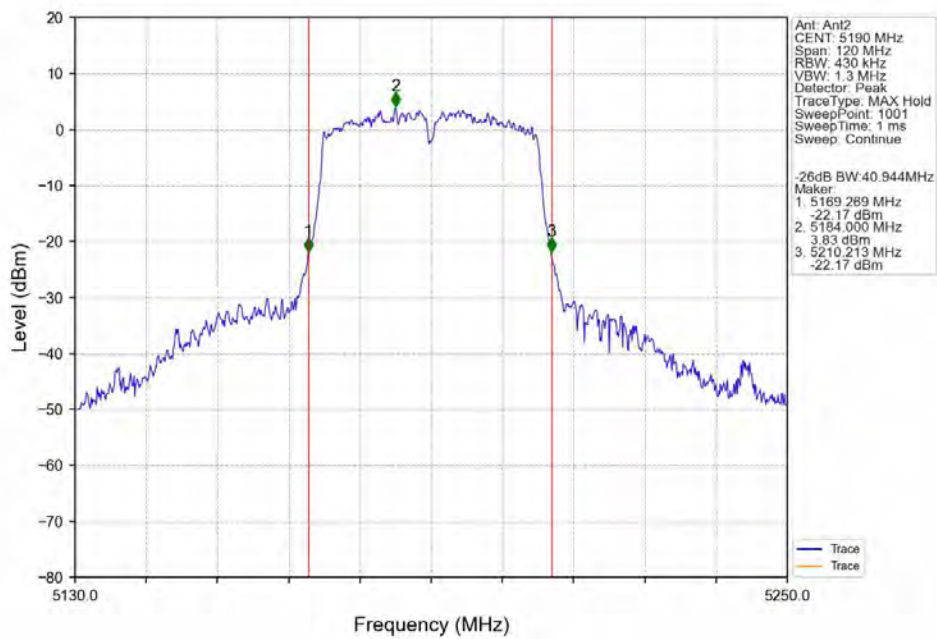
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



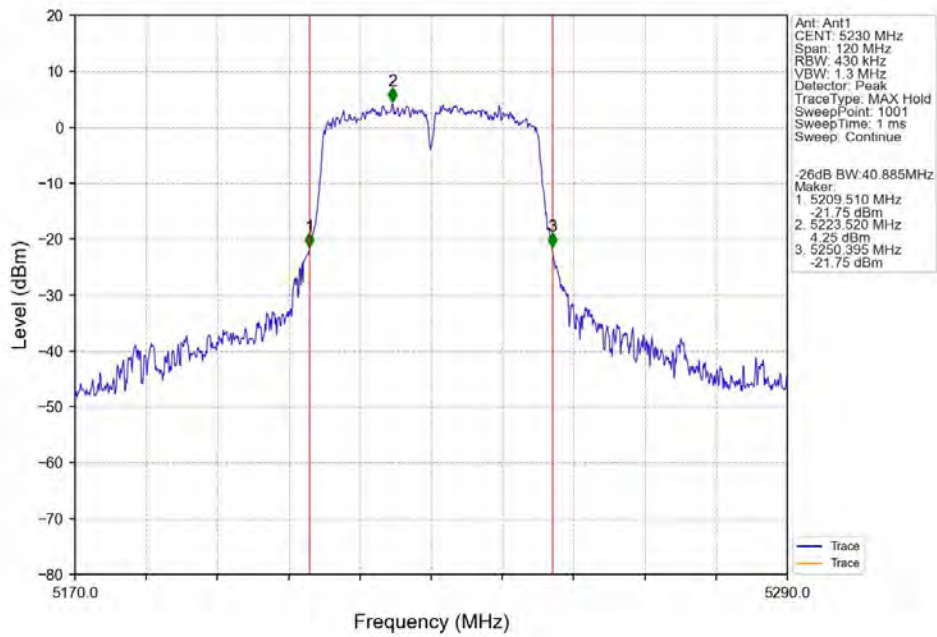
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



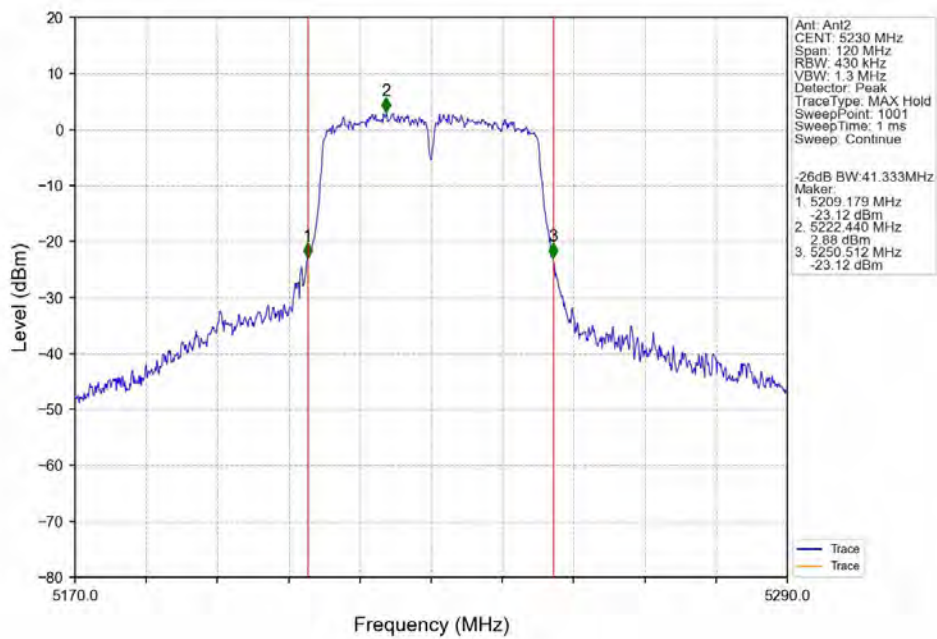
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



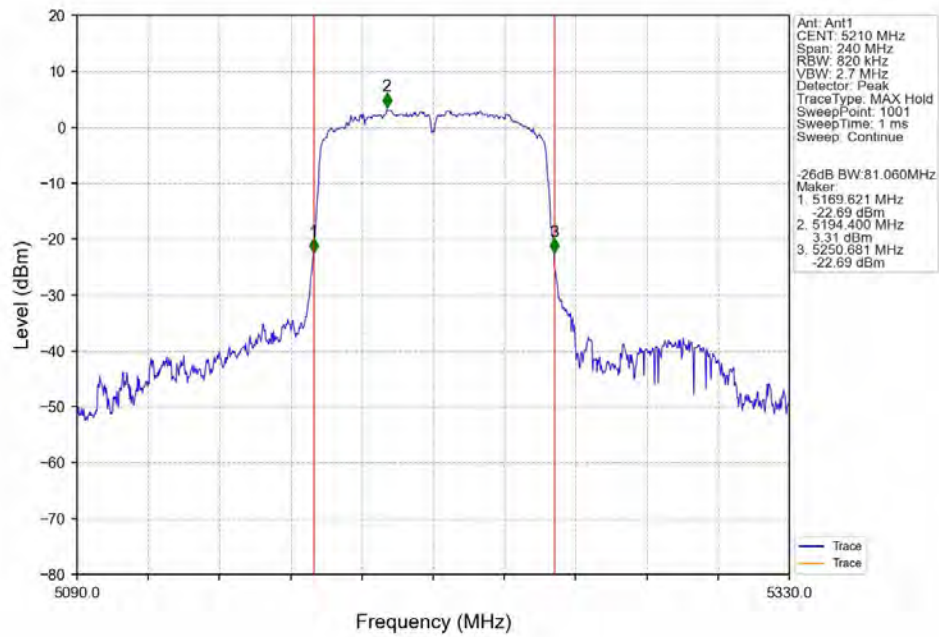
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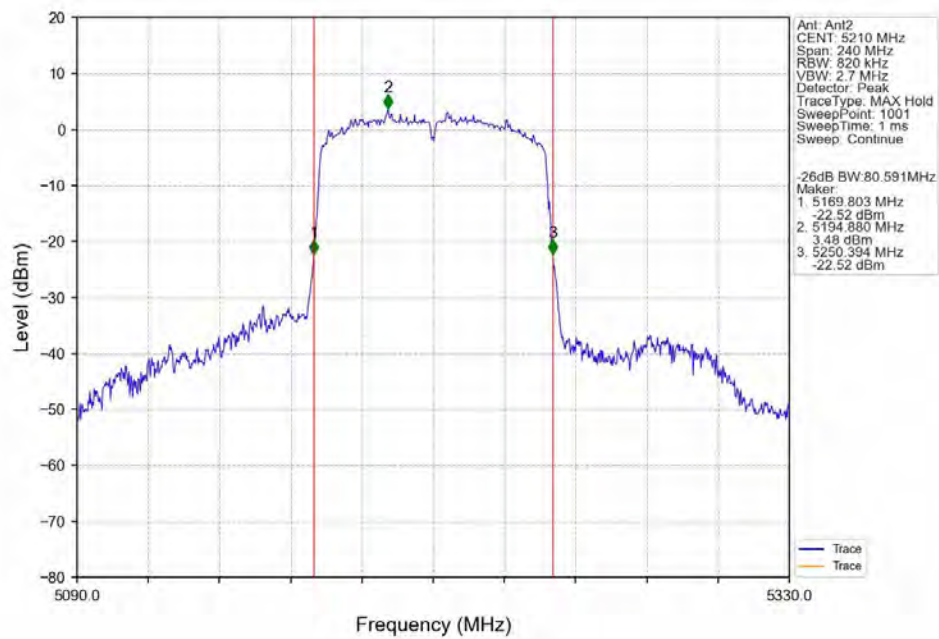
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



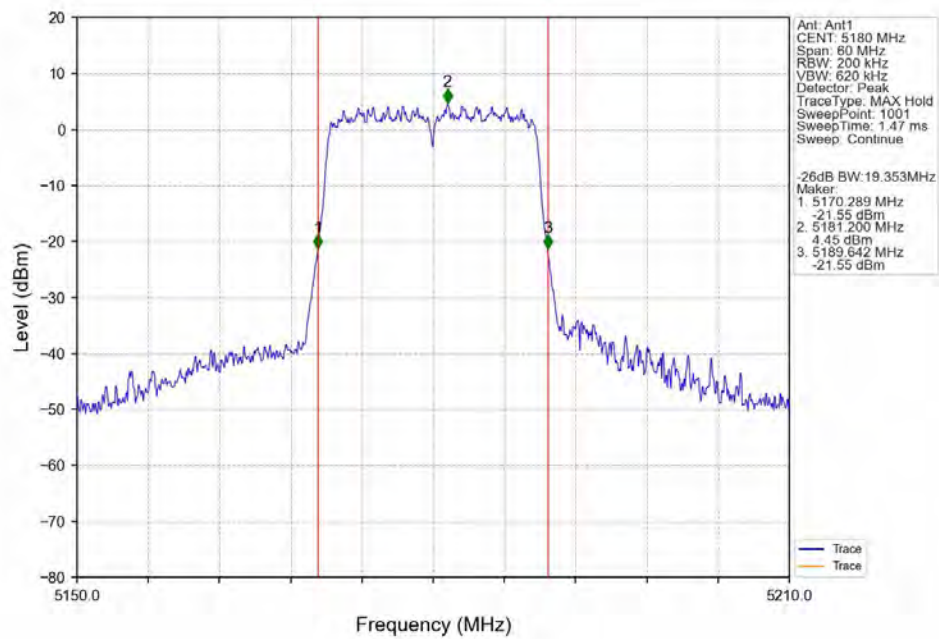
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



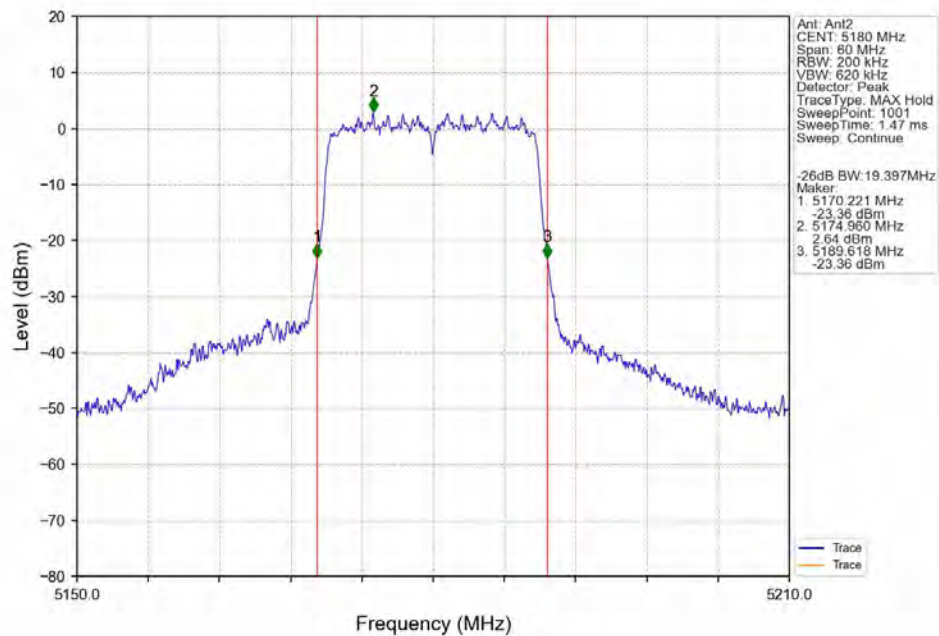
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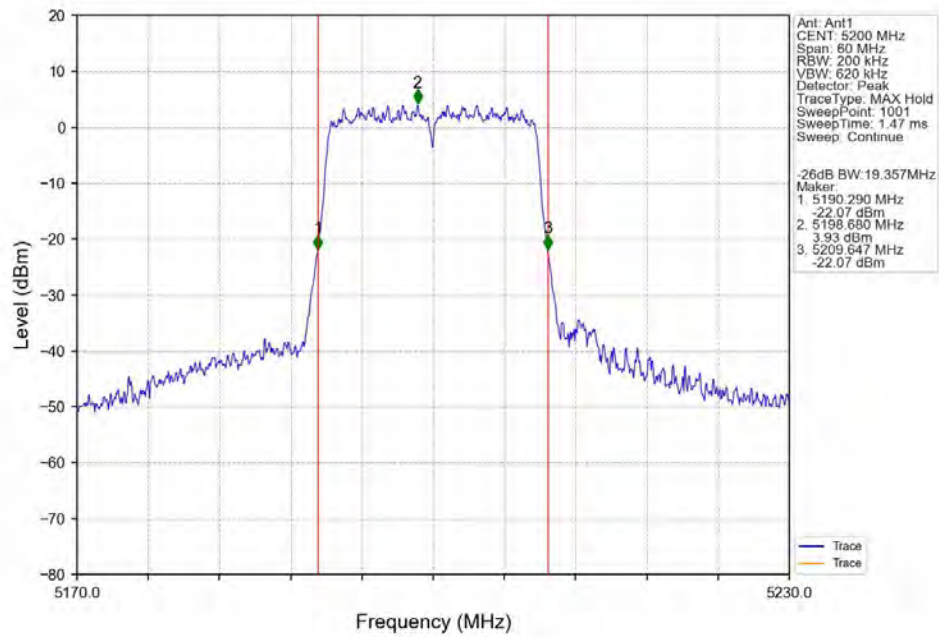
802.11ax(HEW20)_LCH_5180MHz_Ant1_NTNV



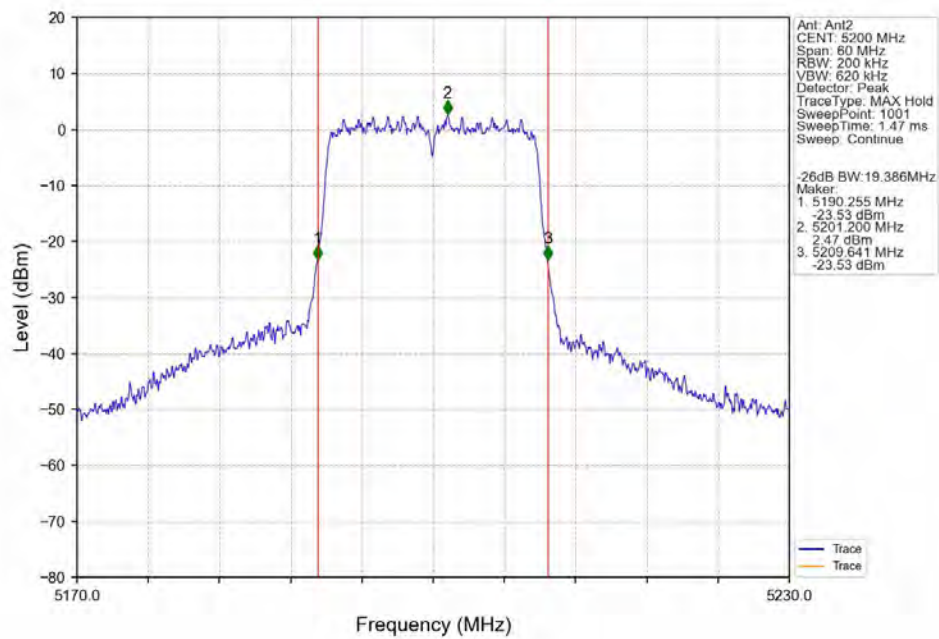
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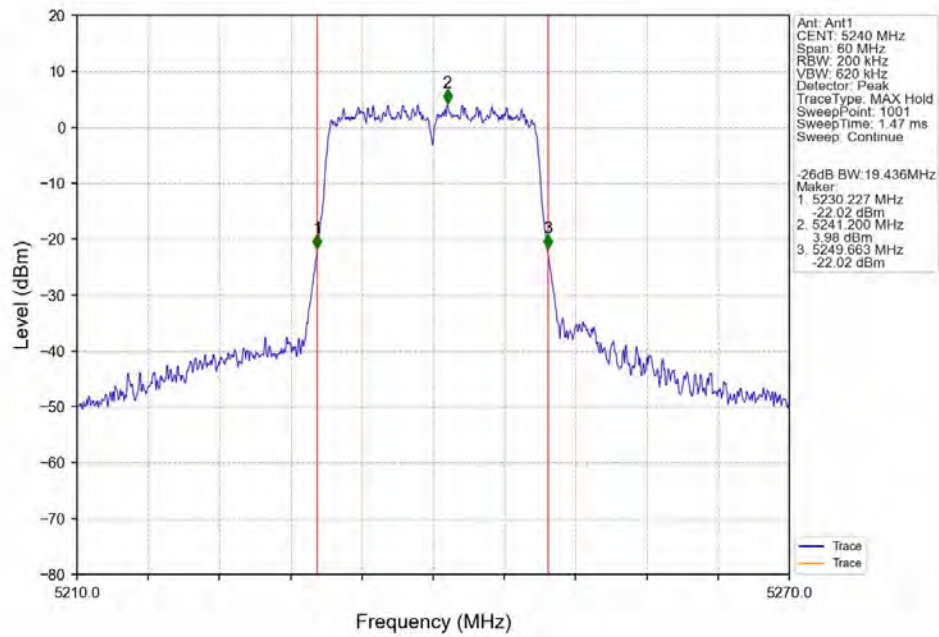
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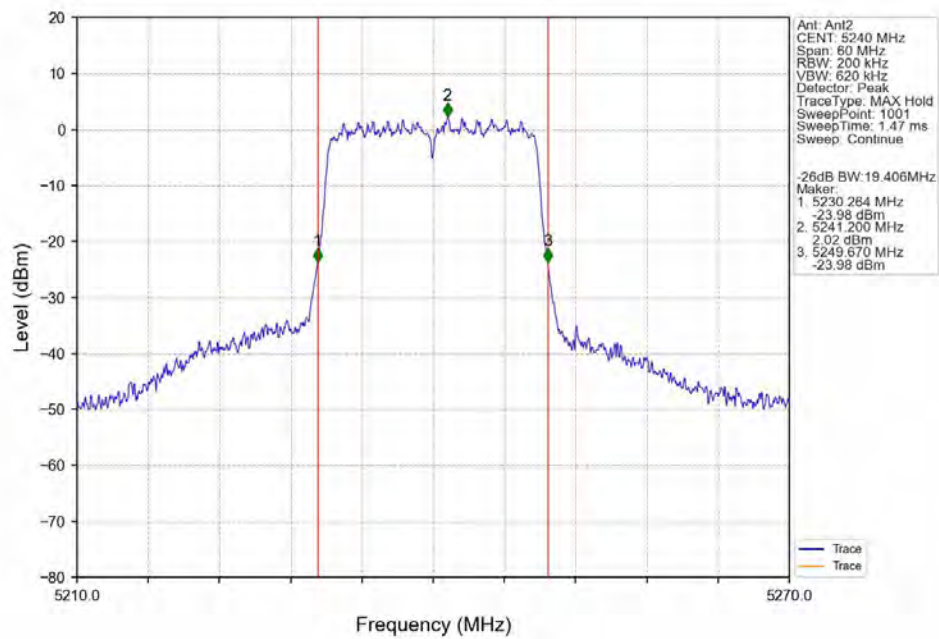
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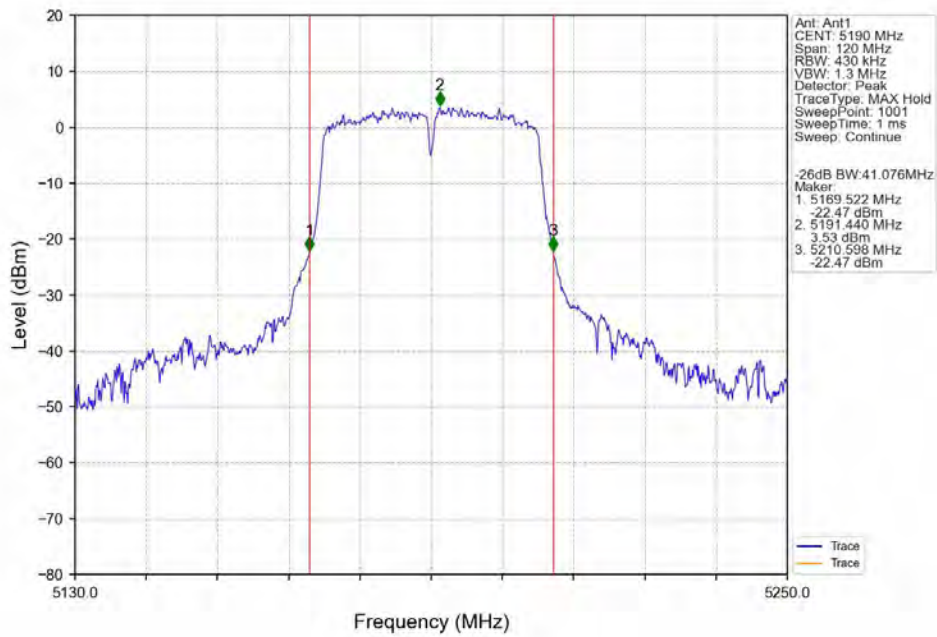
802.11ax(HEW20)_HCH_5240MHz_Ant1_NTNV



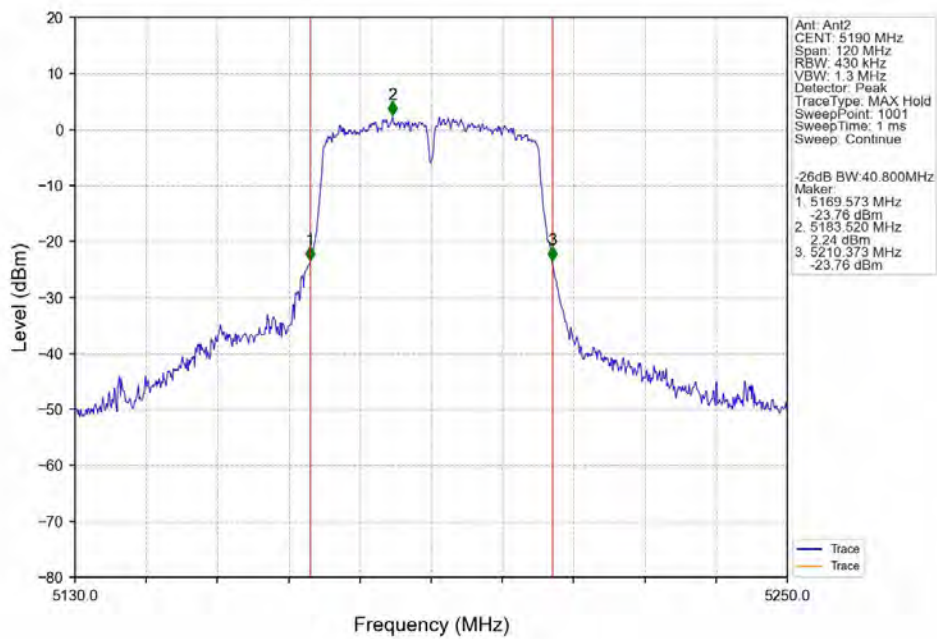
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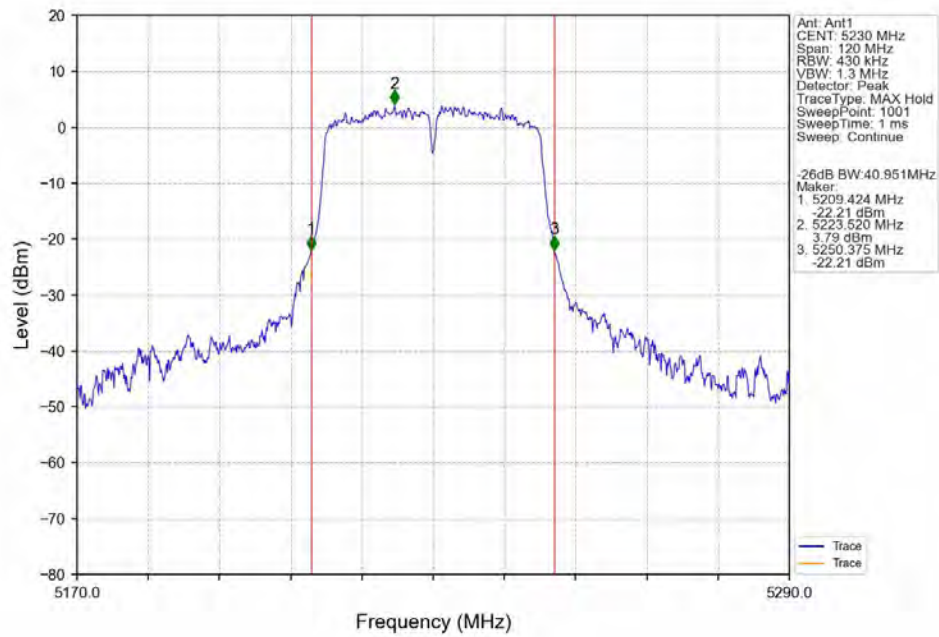
802.11ax(HEW40)_LCH_5190MHz_Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_Ant2_NTNV



802.11ax(HEW40)_HCH_5230MHz_Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_Ant2_NTNV

