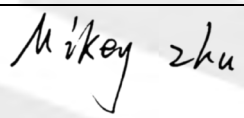
ANNEX G TEST DATA

For

Project No.:	8429EU011715W
Client:	SHENZHEN ELECTRON TECHNOLOGY CO.,LTD.
Product Description:	Smart Digital Calendar
Model No.:	FA2469T
FCC ID:	2ABC5-E0130
Technology:	WiFi 5G
Test Engineer:	
Test Date:	2026-03-25

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

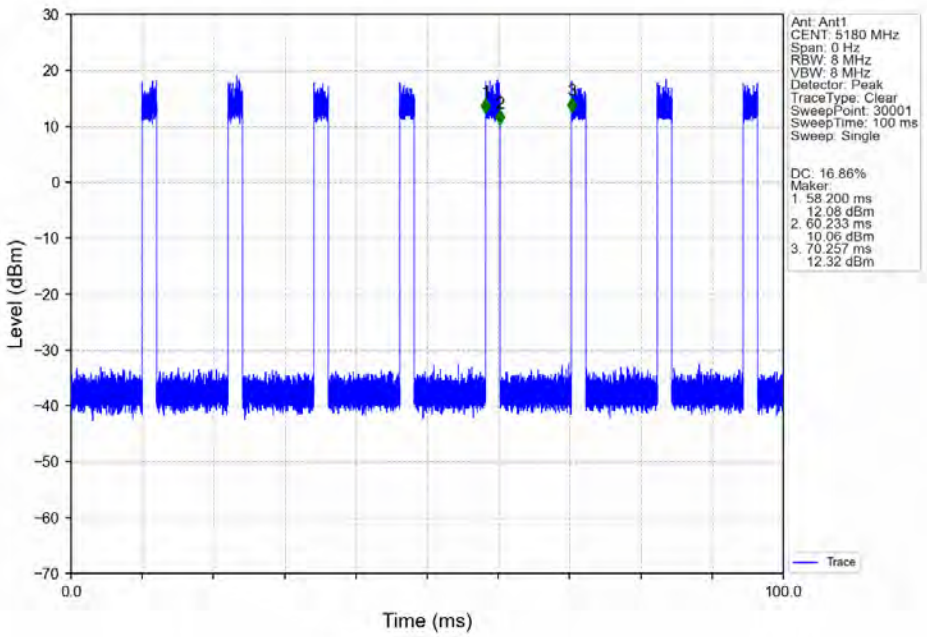
1.1.1 Ant1

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	2.033	12.057	16.86	7.73	0.03
		5200	/	/	2.033	12.050	16.87	7.73	0.03
		5240	/	/	2.033	12.053	16.87	7.73	0.00
		5745	/	/	2.033	12.057	16.86	7.73	0.03
		5785	/	/	2.037	12.137	16.78	7.75	0.09
		5825	/	/	2.033	12.053	16.87	7.73	0.03
802.11n (HT20)	SISO	5180	/	/	1.893	11.916	15.89	7.99	0.04
		5200	/	/	1.894	11.910	15.90	7.99	0.03
		5240	/	/	1.894	11.910	15.90	7.99	0.03
		5745	/	/	1.893	11.973	15.81	8.01	0.11
		5785	/	/	1.896	12.033	15.76	8.03	0.15
		5825	/	/	1.893	11.916	15.89	7.99	0.03
802.11n (HT40)	SISO	5190	/	/	0.933	10.950	8.52	10.70	0.00
		5230	/	/	0.933	10.957	8.52	10.70	0.01
		5755	/	/	0.933	10.956	8.52	10.70	0.04
		5795	/	/	0.933	11.506	8.11	10.91	0.41
802.11ac (VHT20)	SISO	5180	/	/	1.900	11.917	15.94	7.97	0.03
		5200	/	/	1.900	11.920	15.94	7.98	0.03
		5240	/	/	1.900	11.917	15.94	7.97	0.03
		5745	/	/	1.903	12.043	15.80	8.01	0.17
		5785	/	/	1.900	11.917	15.94	7.97	0.02
		5825	/	/	1.900	11.917	15.94	7.97	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.937	10.957	8.55	10.68	0.03
		5230	/	/	0.937	10.953	8.55	10.68	0.03
		5755	/	/	0.936	10.960	8.54	10.69	0.03
		5795	/	/	0.937	10.960	8.55	10.68	0.03
802.11ac (VHT80)	SISO	5210	/	/	0.456	10.476	4.35	13.61	0.03
		5775	/	/	0.460	10.730	4.29	13.68	0.08
802.11ax (HEW20)	SISO	5180	SU	/	1.460	11.483	12.71	8.96	0.03
		5200	SU	/	1.460	11.477	12.72	8.95	0.03
		5240	SU	/	1.460	11.484	12.71	8.96	0.03
		5745	SU	/	1.463	11.573	12.64	8.98	0.10
		5785	SU	/	1.464	11.587	12.63	8.98	0.15
		5825	SU	/	1.463	11.483	12.74	8.95	0.00
802.11ax (HEW40)	SISO	5190	SU	/	0.760	10.777	7.05	11.52	0.03
		5230	SU	/	0.763	10.783	7.08	11.50	0.00
		5755	SU	/	0.764	10.784	7.08	11.50	0.00
		5795	SU	/	0.760	10.777	7.05	11.52	0.03
802.11ax (HEW80)	SISO	5210	SU	/	0.394	10.414	3.78	14.22	0.03
		5775	SU	/	0.393	10.416	3.77	14.23	0.03

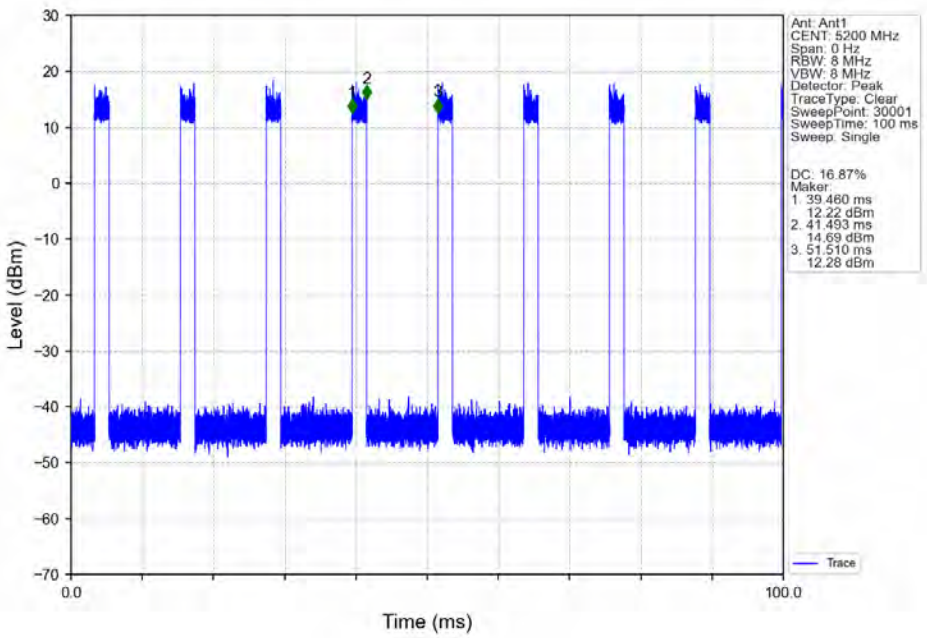
1.2 Test Graph

1.2.1 Ant1

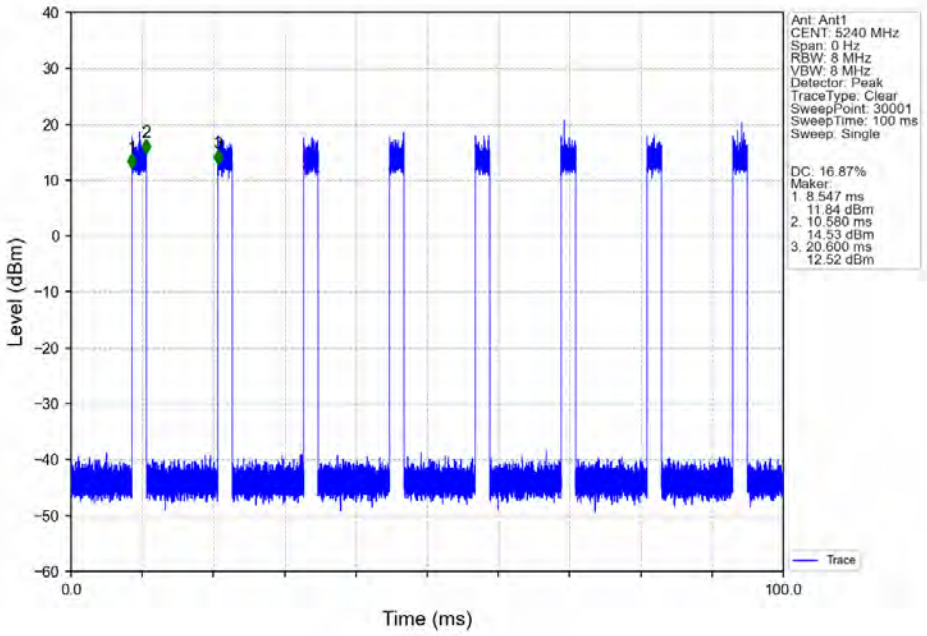
802.11a_LCH_5180MHz_Ant1_NTNV



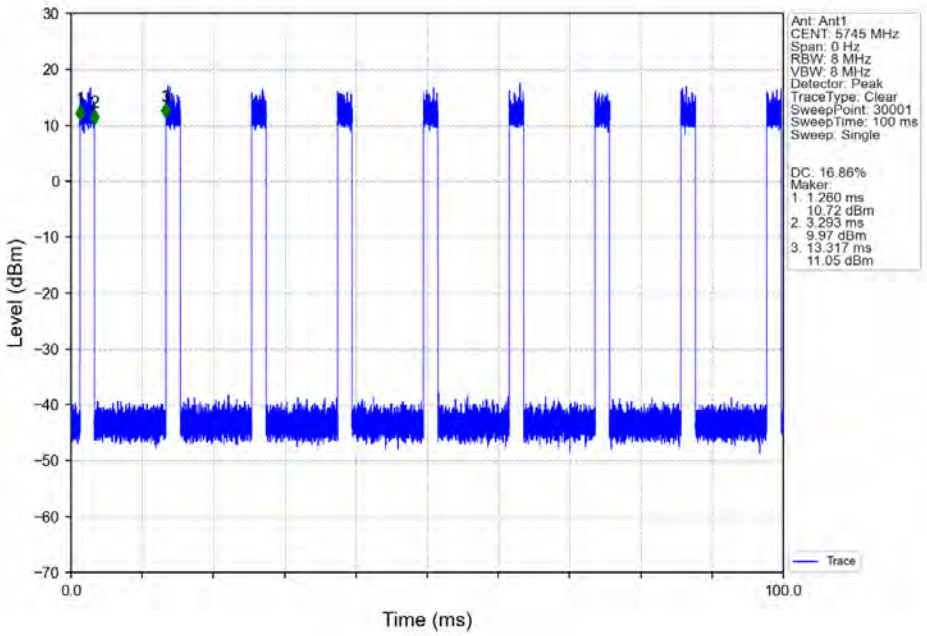
802.11a_MCH_5200MHz_Ant1_NTNV



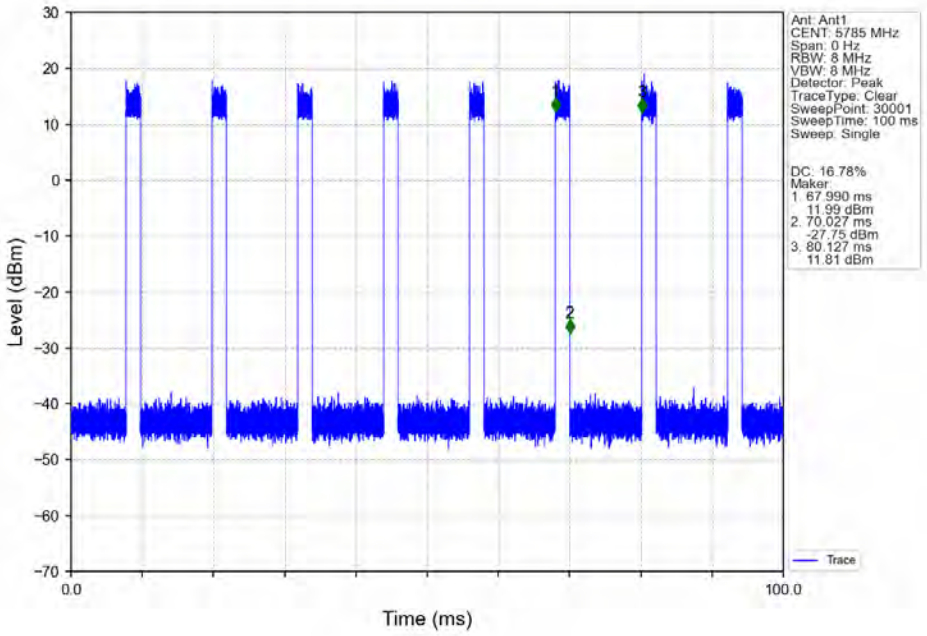
802.11a_HCH_5240MHz_Ant1_NTNV



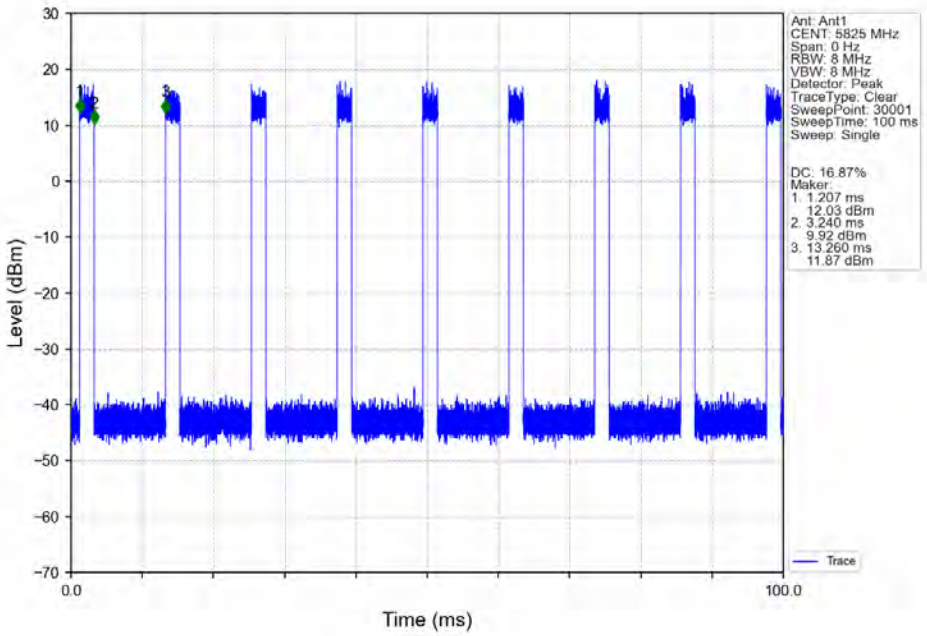
802.11a_LCH_5745MHz_Ant1_NTNV



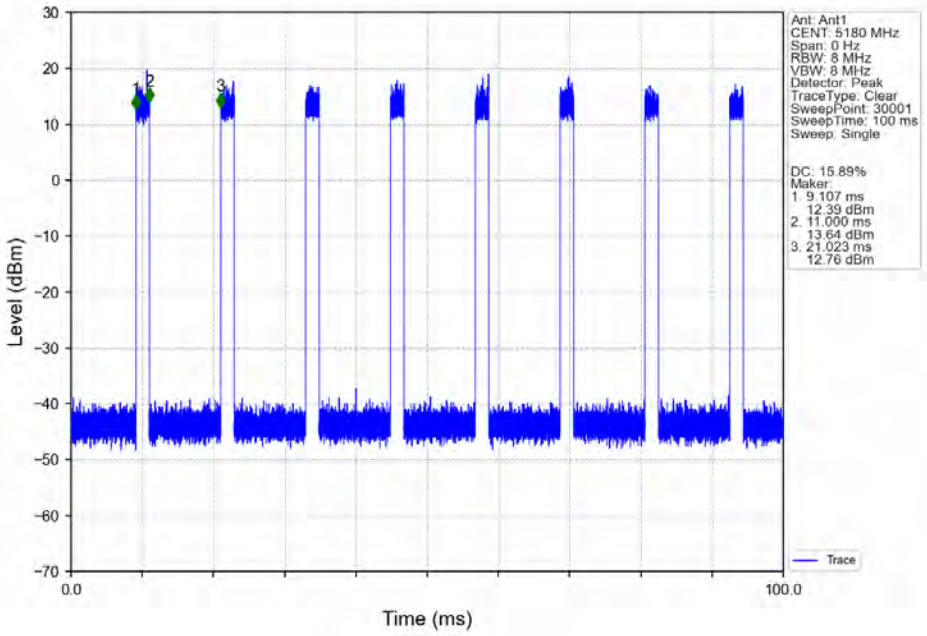
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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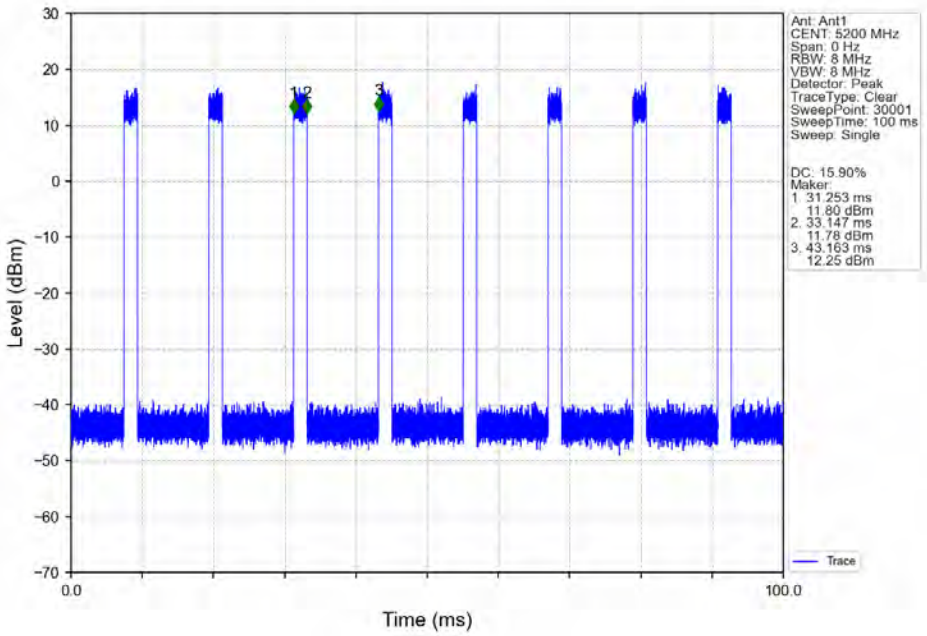
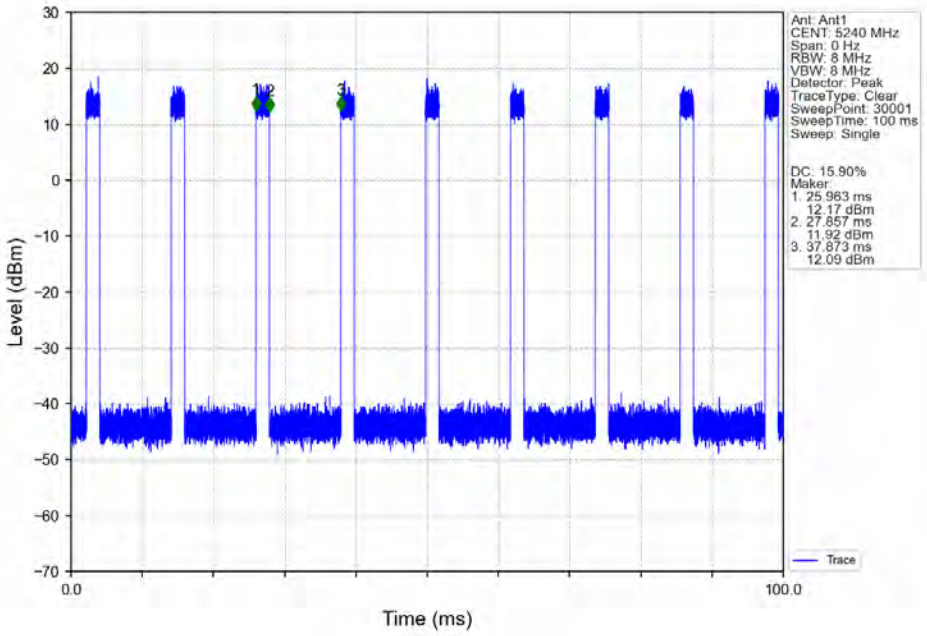
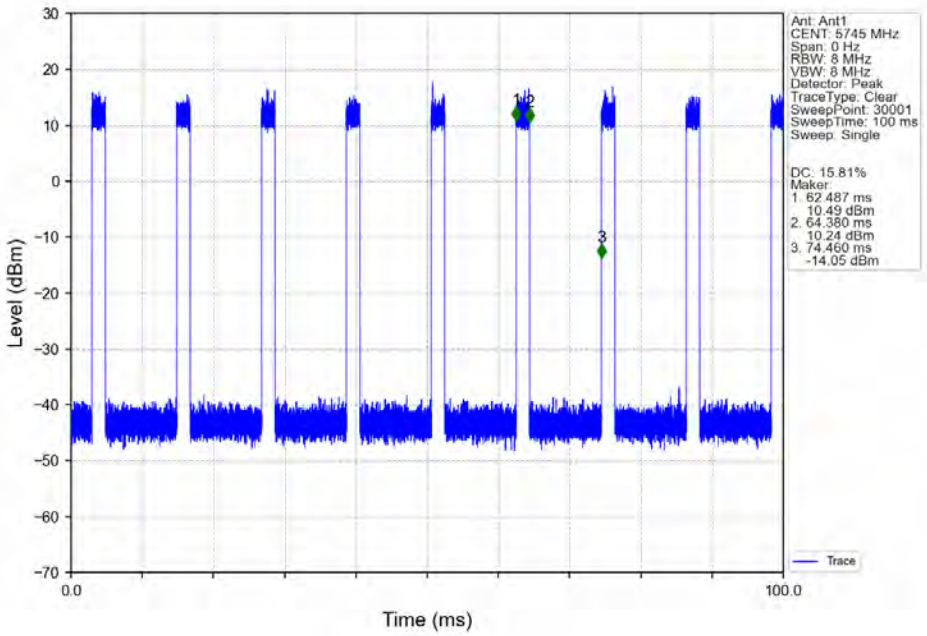


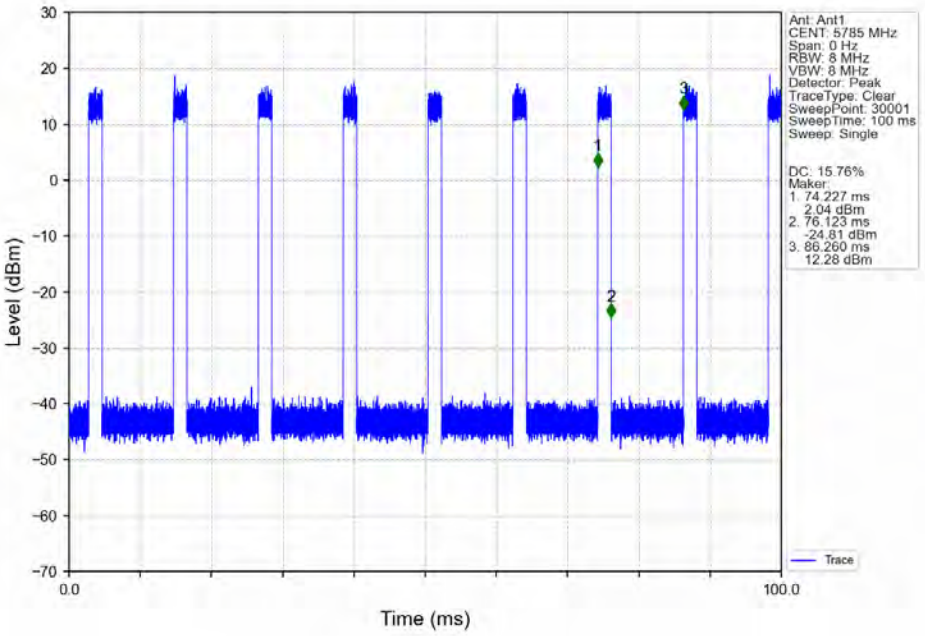
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



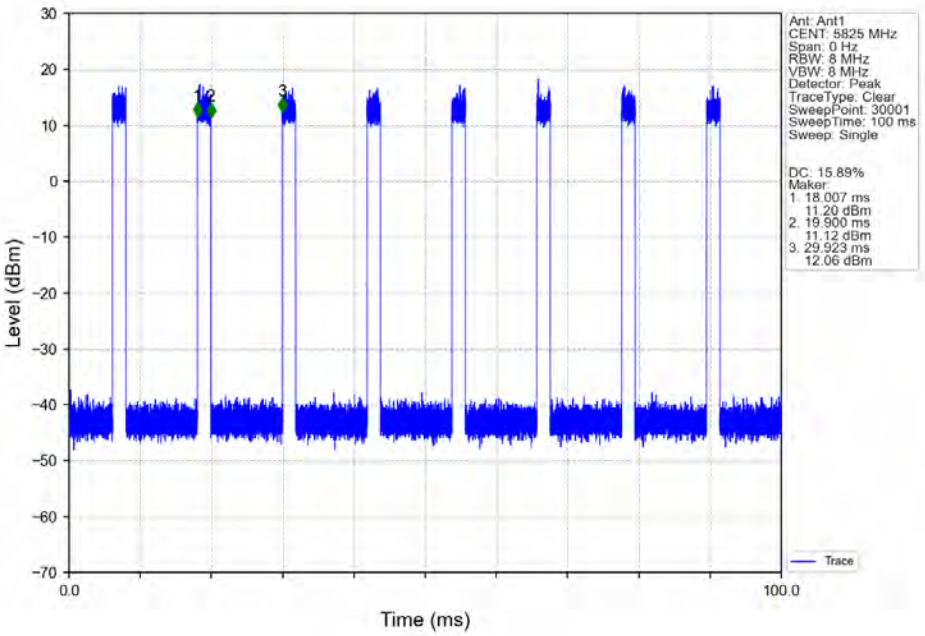
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



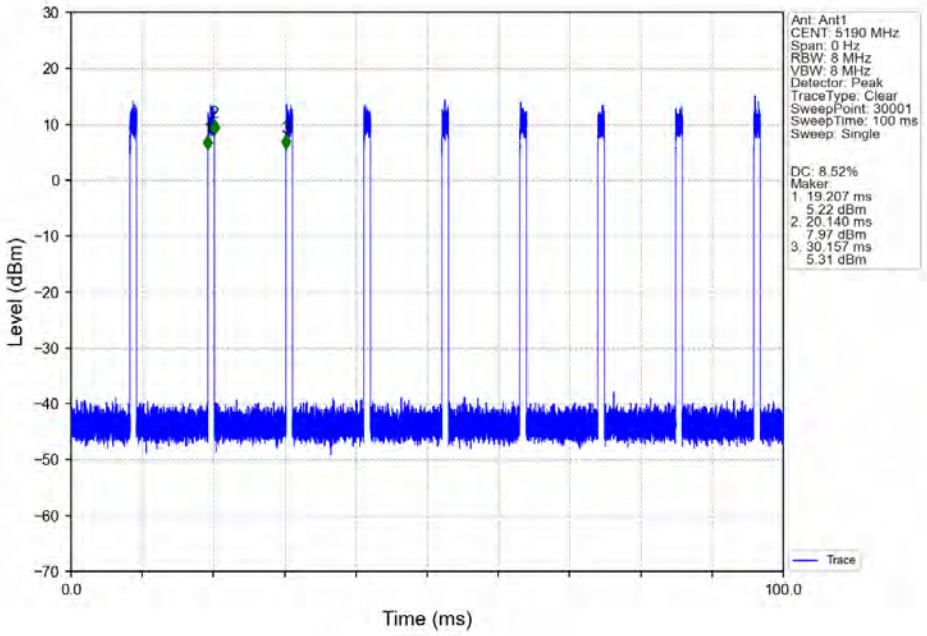
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



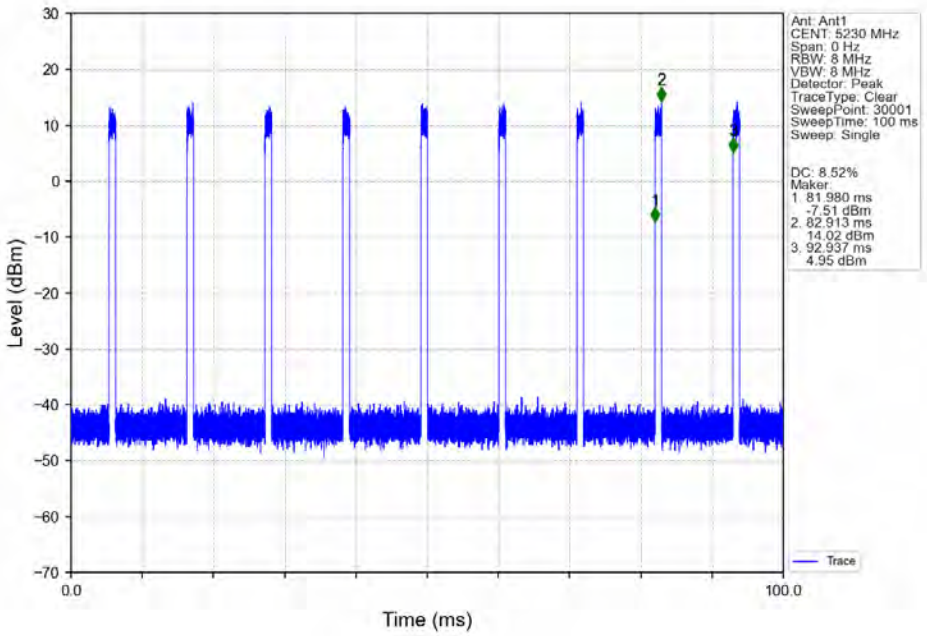
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



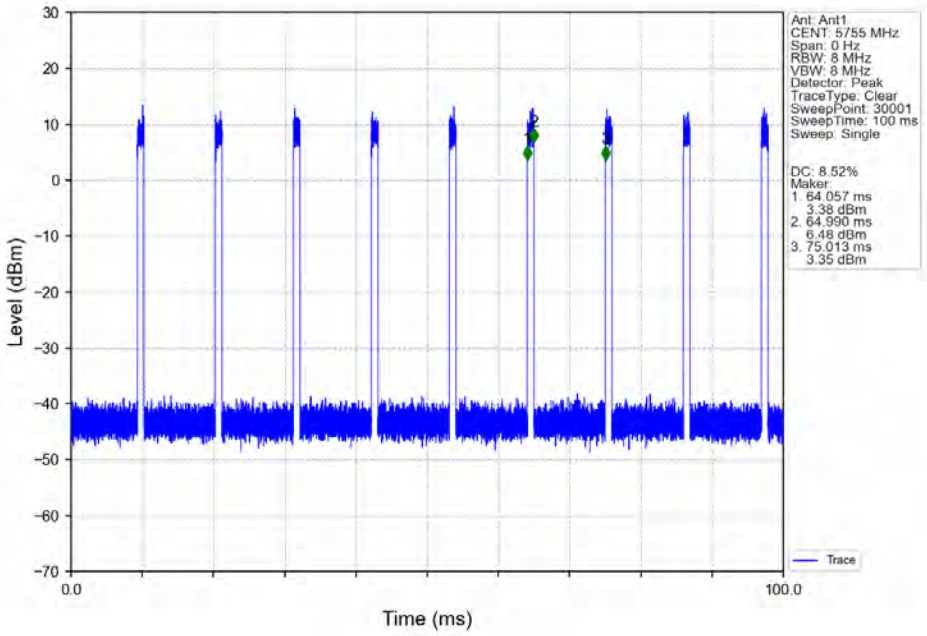
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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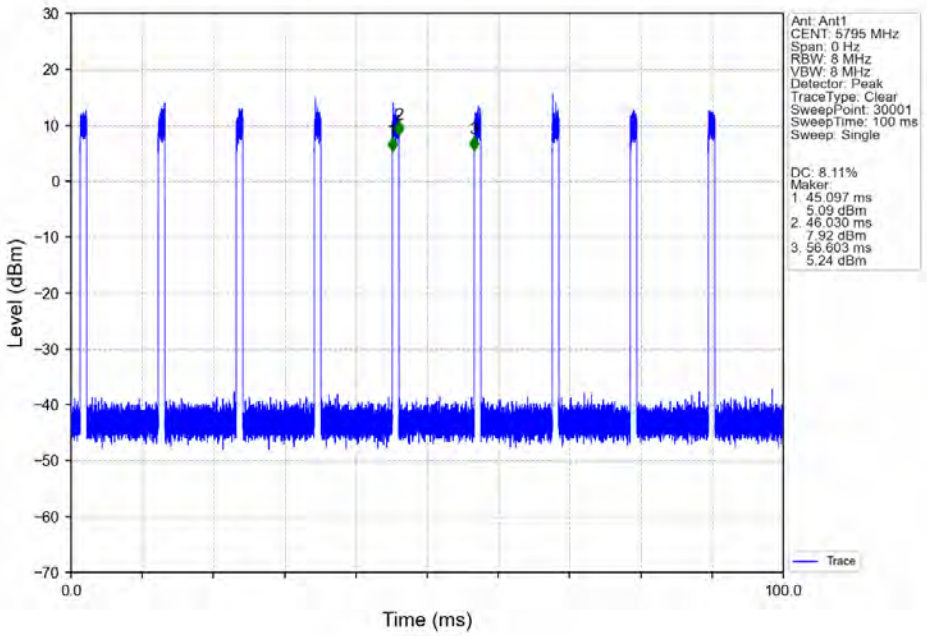
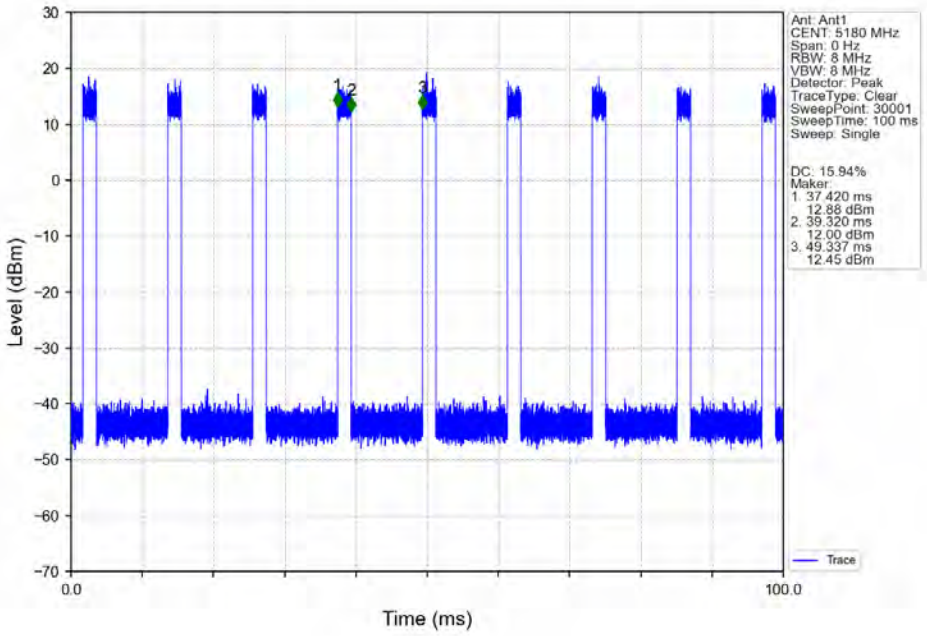
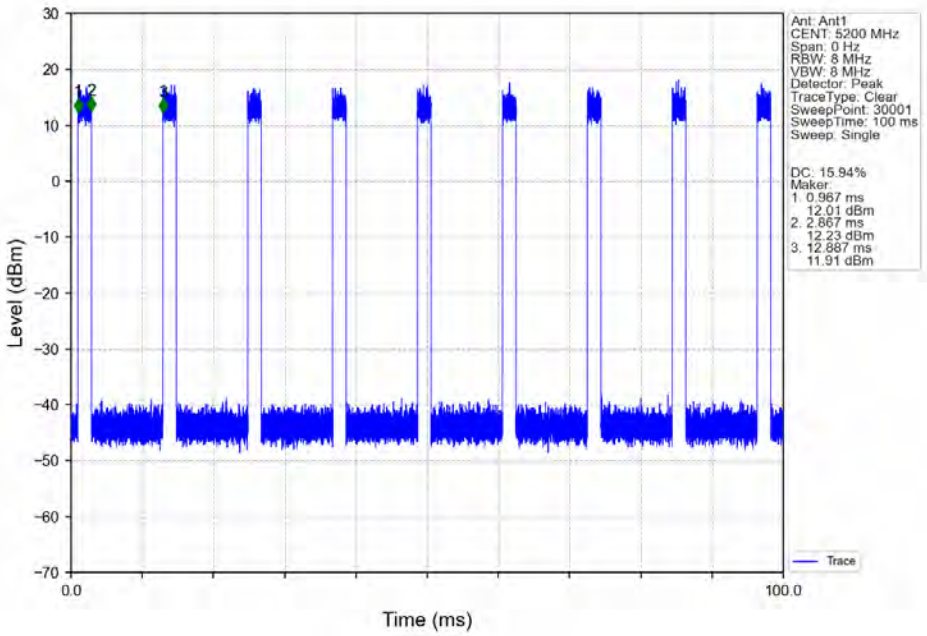


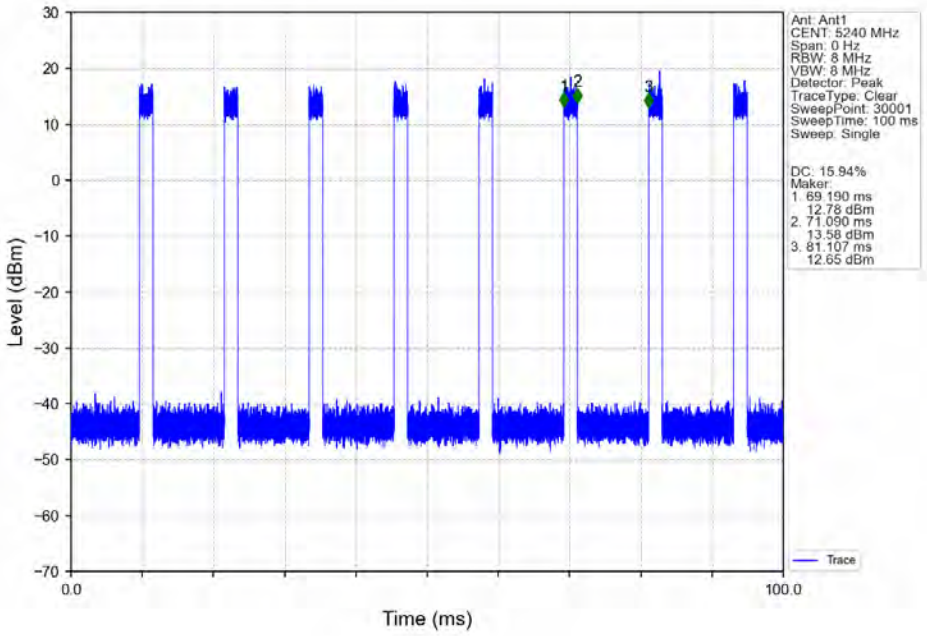
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



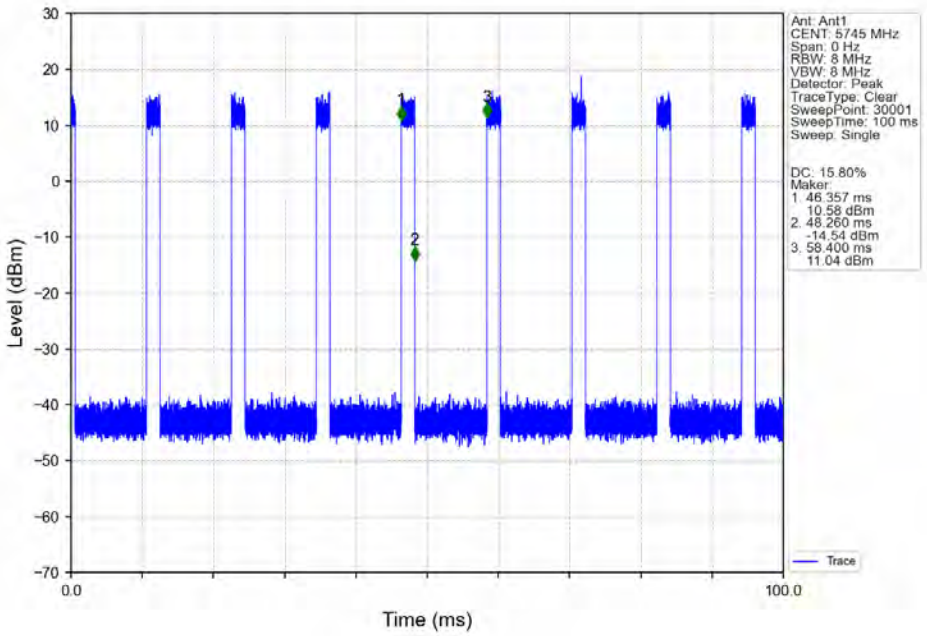
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



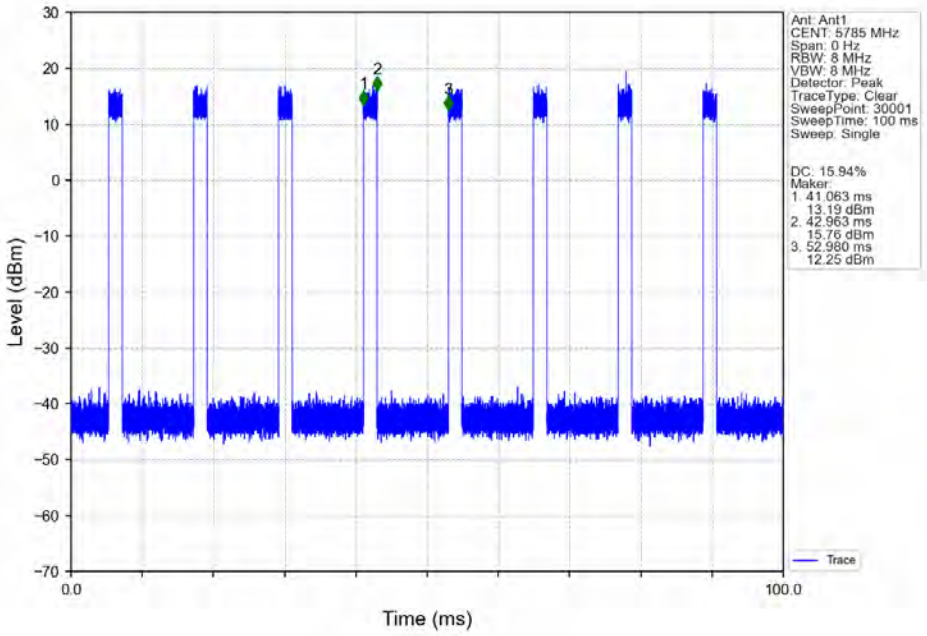
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



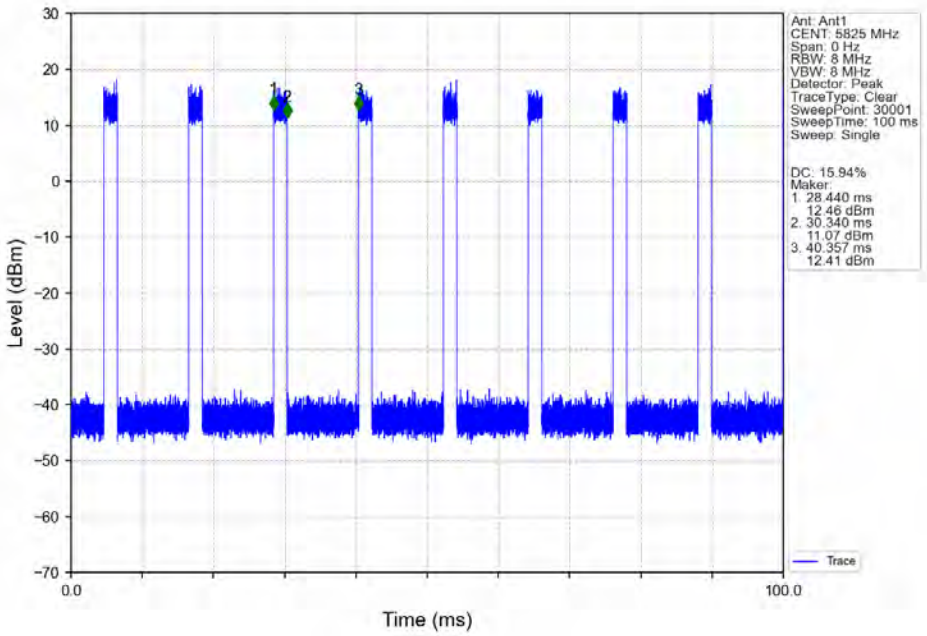
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



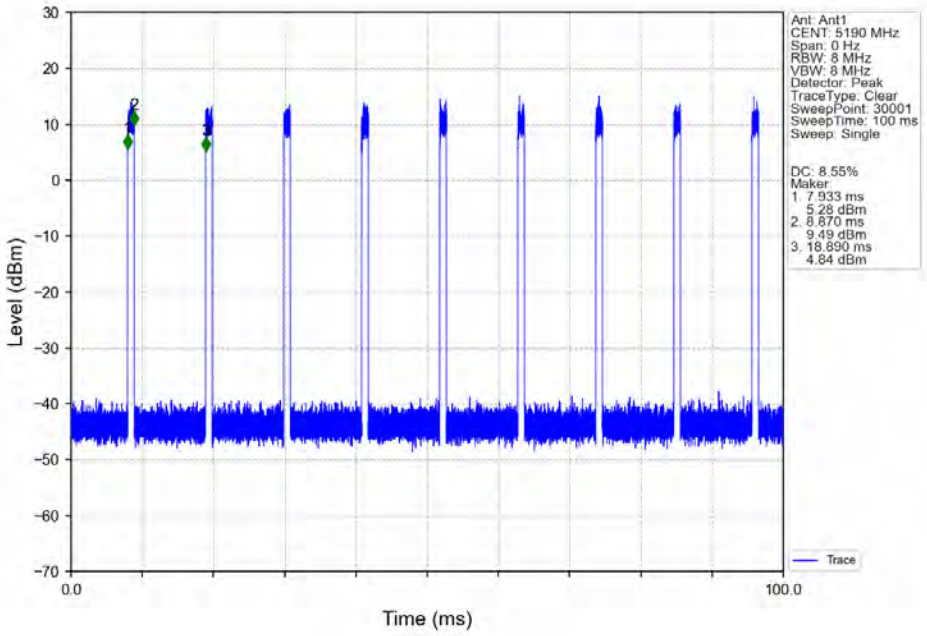
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



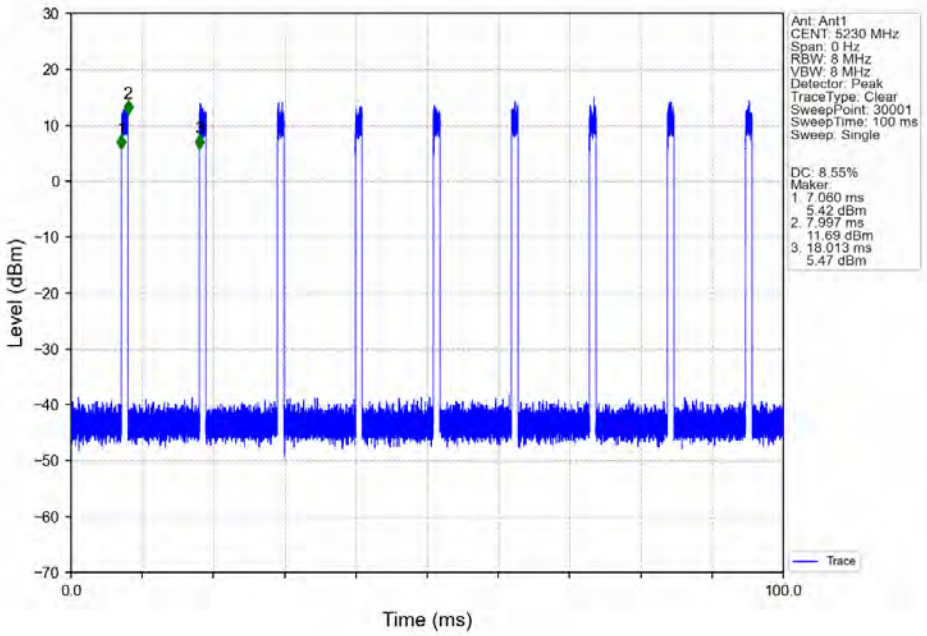
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



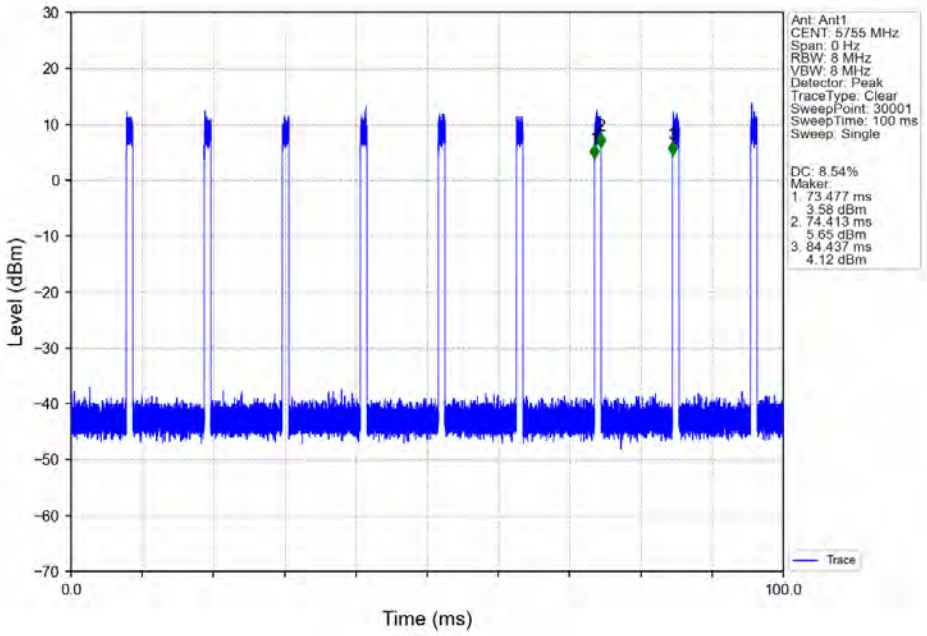
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



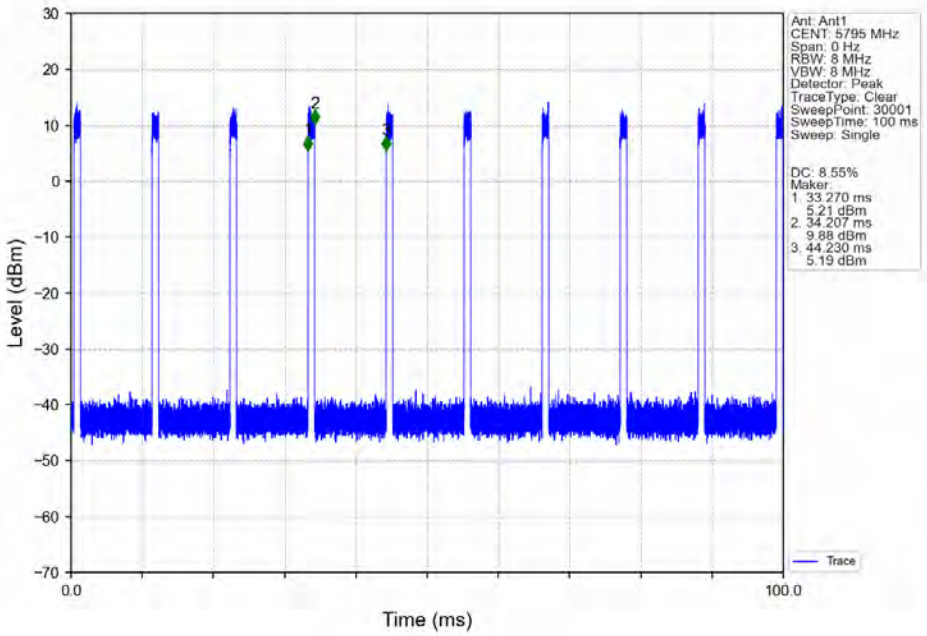
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



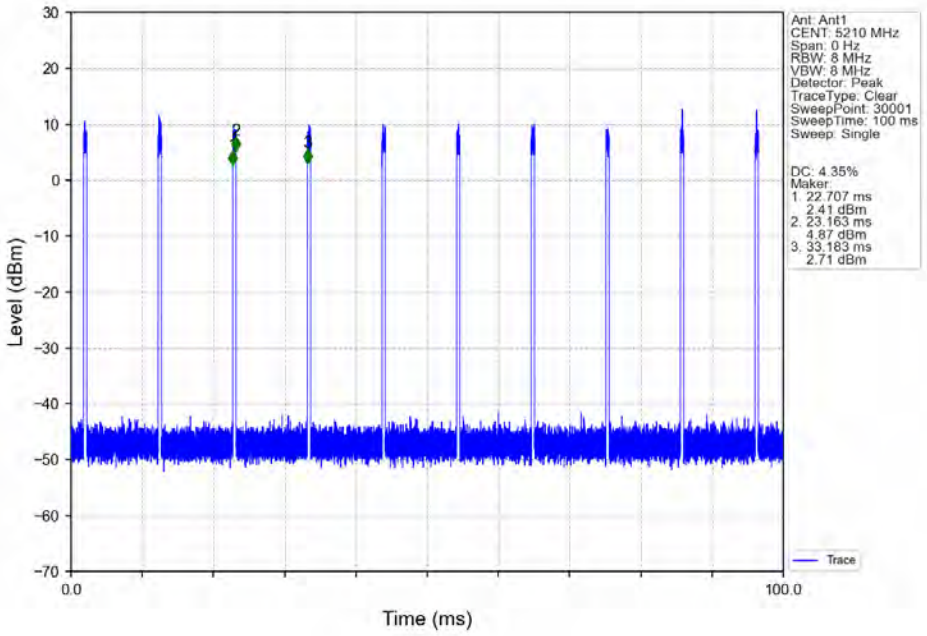
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



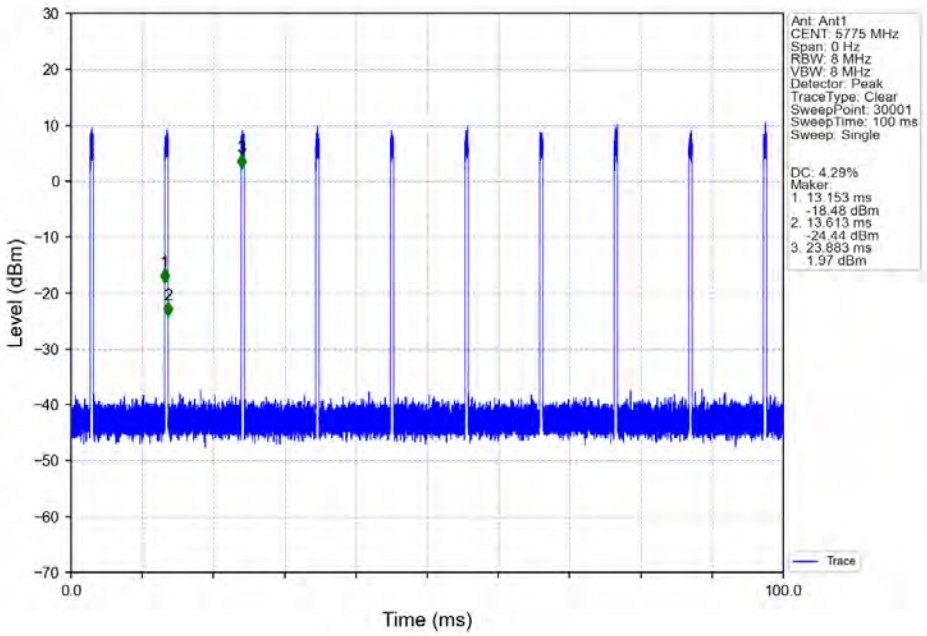
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



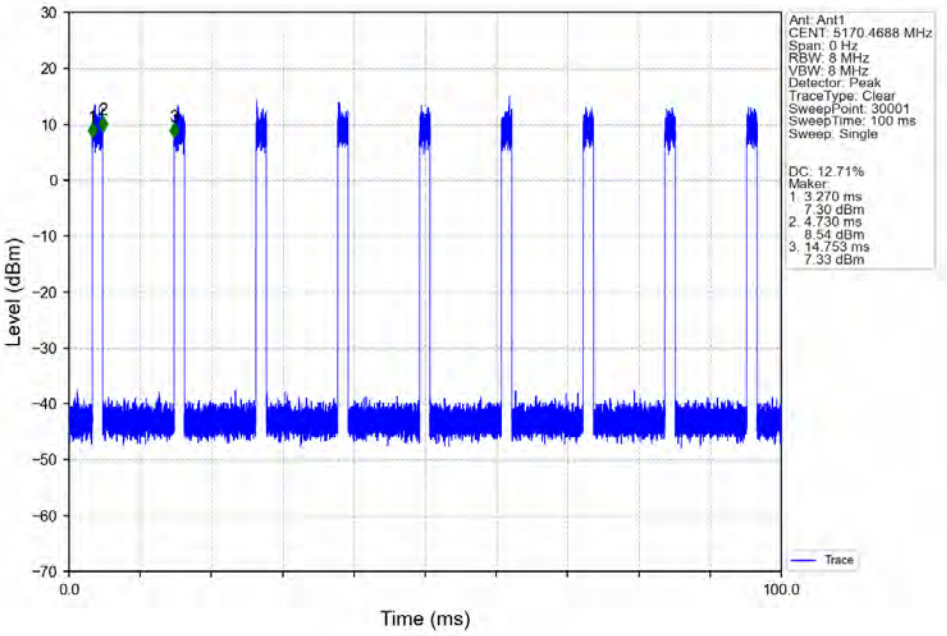
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



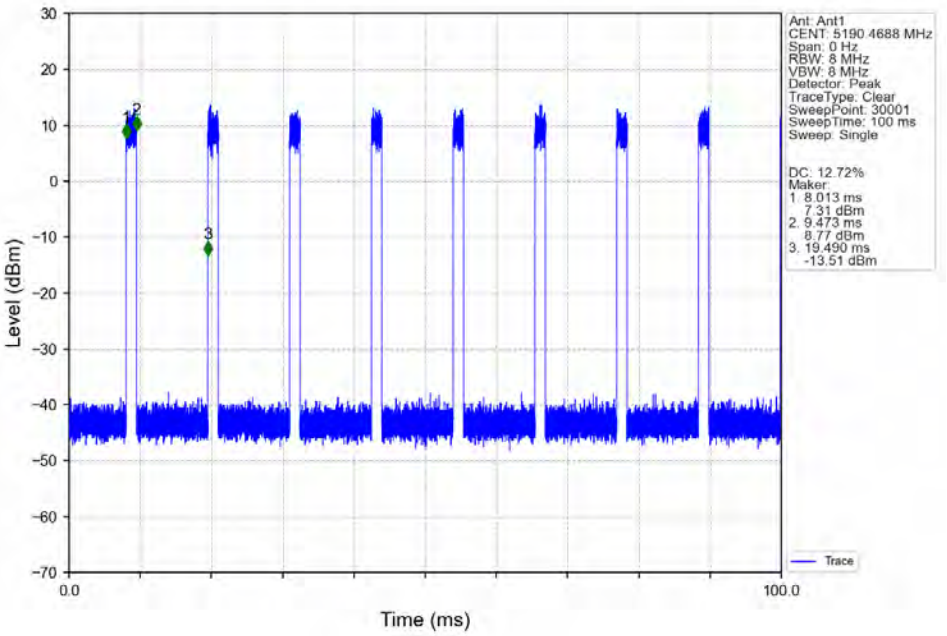
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant1_NTNV



802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant1_NTNV



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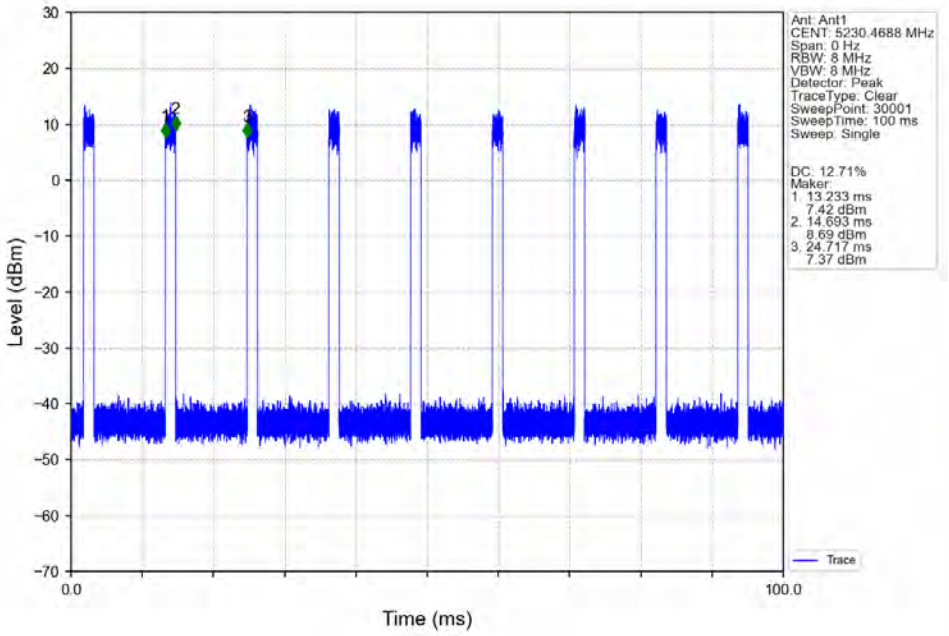
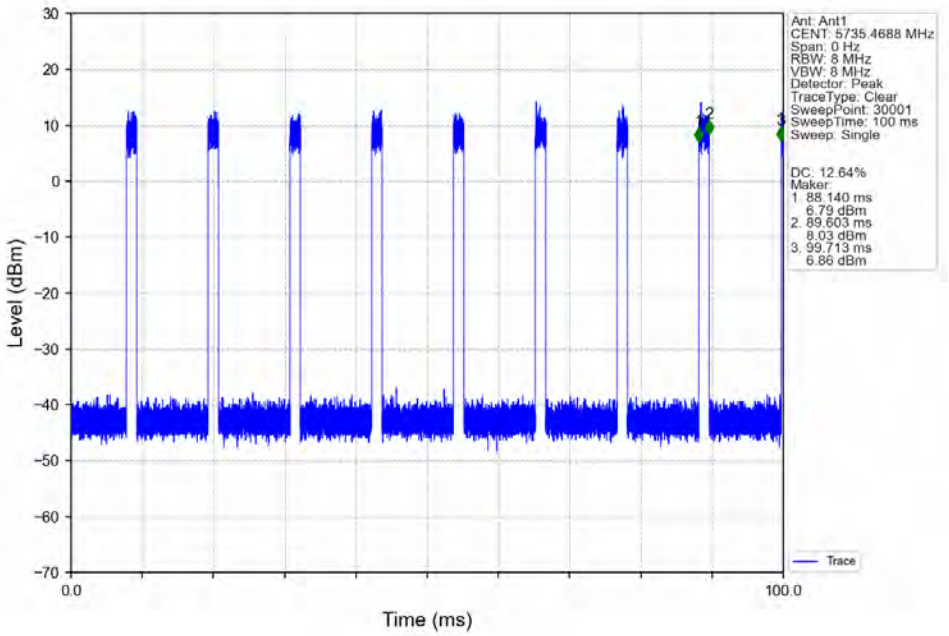
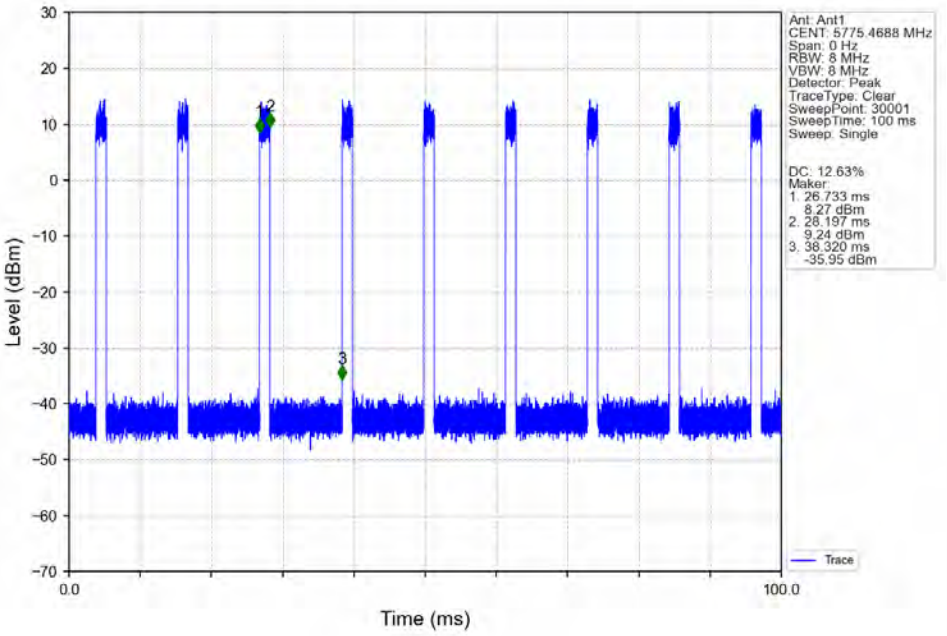


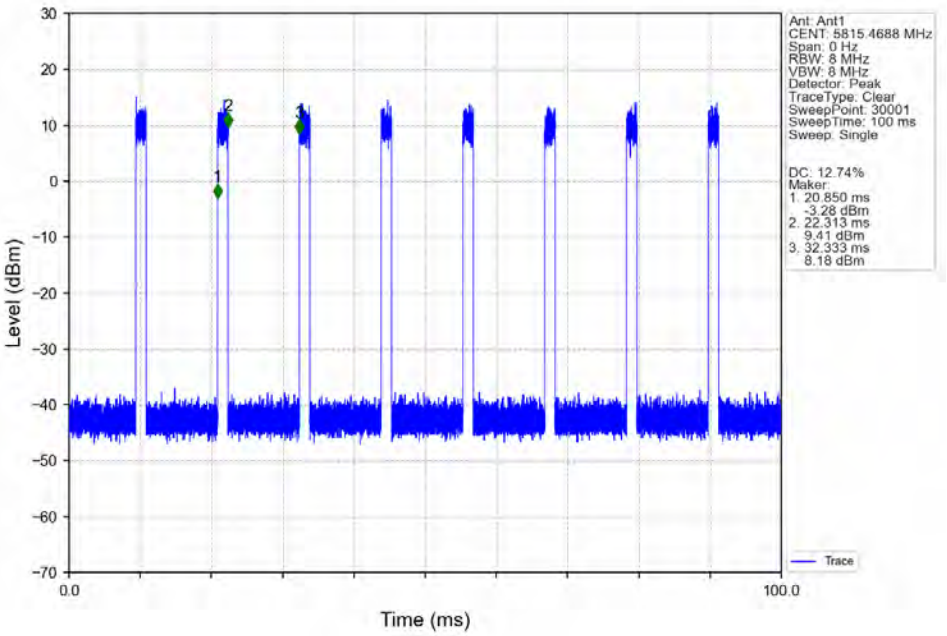
802.11ax(HEW20)_LCH_5745MHz_SU_ / _Ant1_NTNV



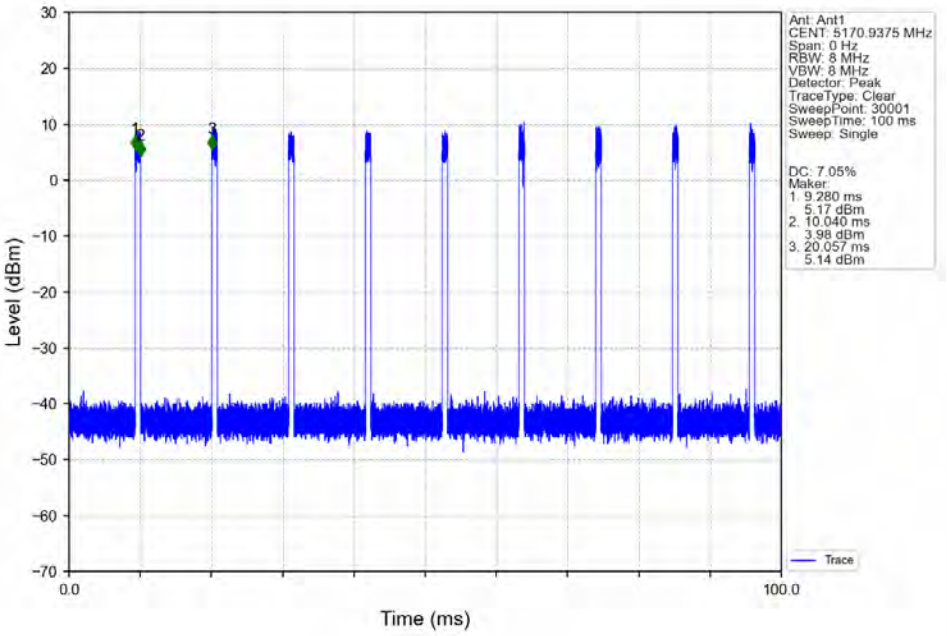
802.11ax(HEW20)_MCH_5785MHz_SU_ / _Ant1_NTNV



802.11ax(HEW20)_HCH_5825MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



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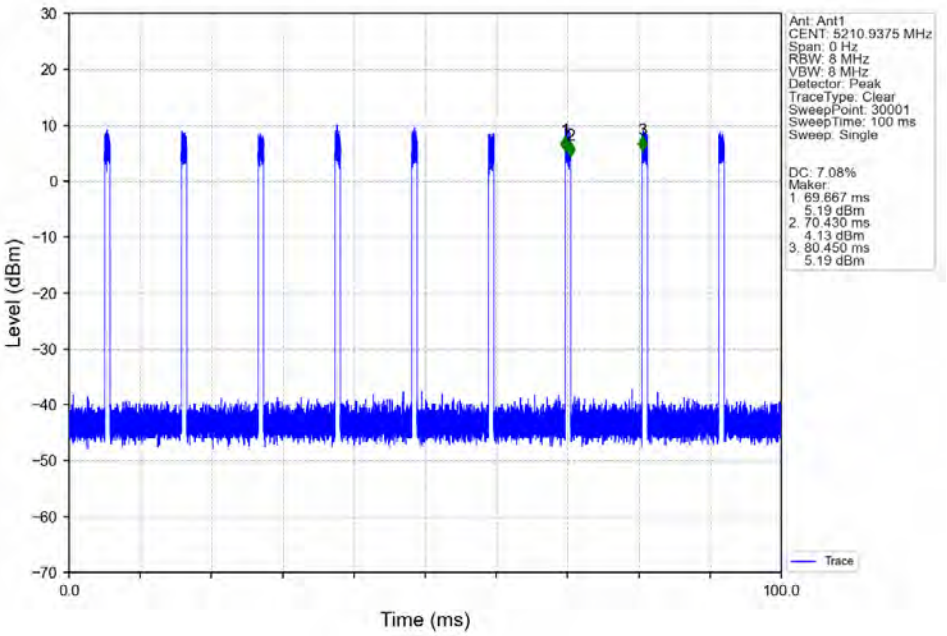

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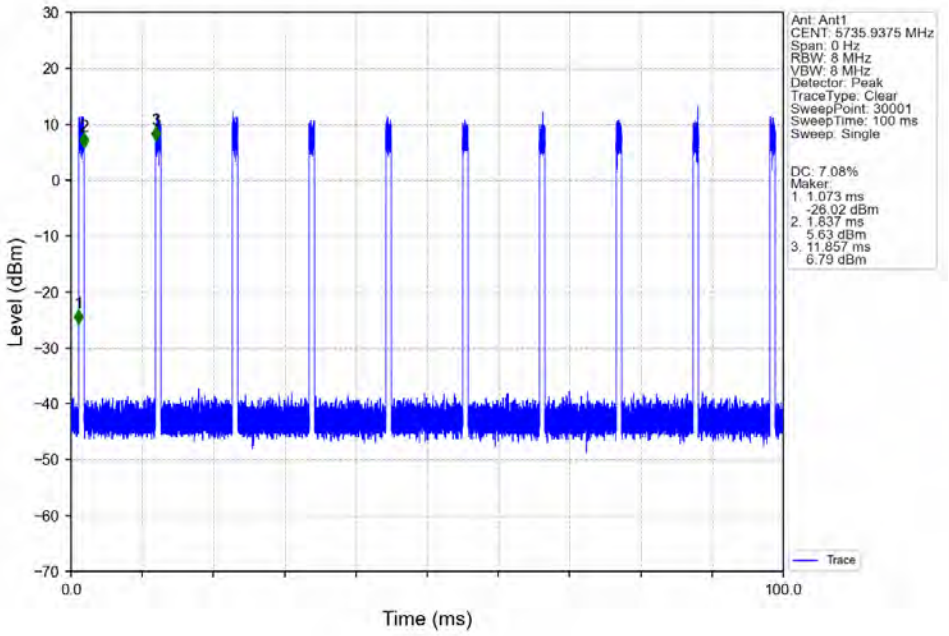
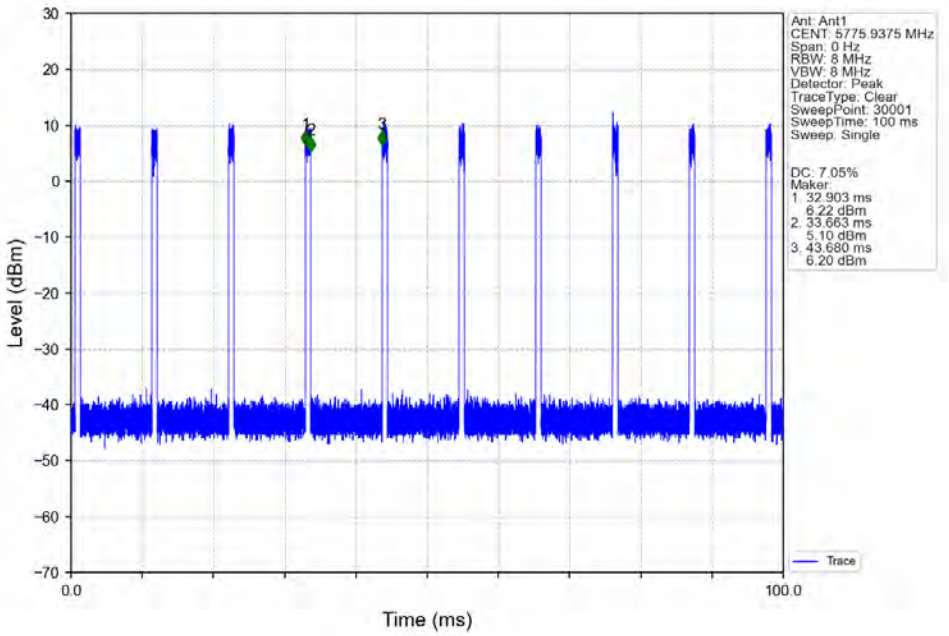
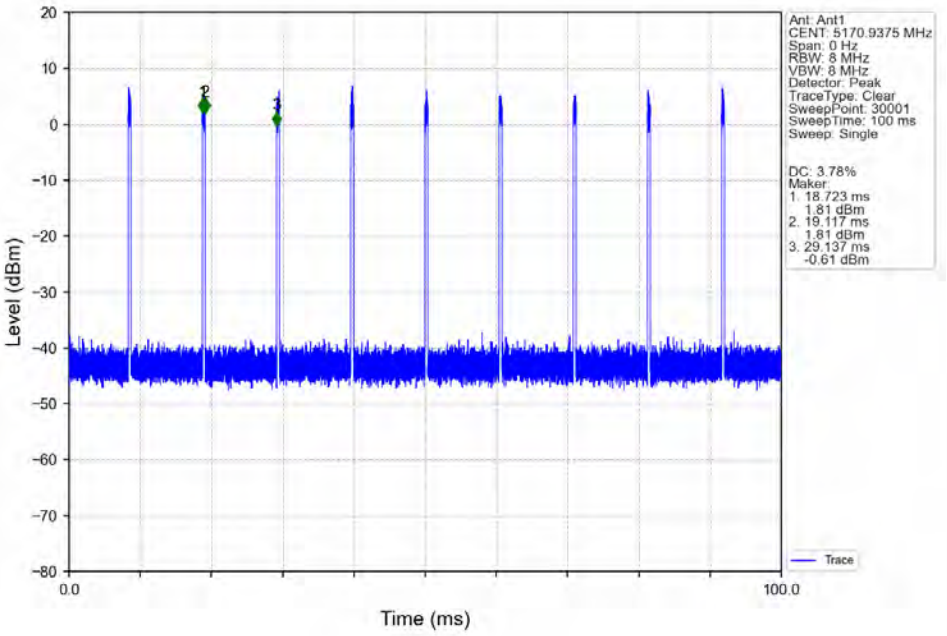


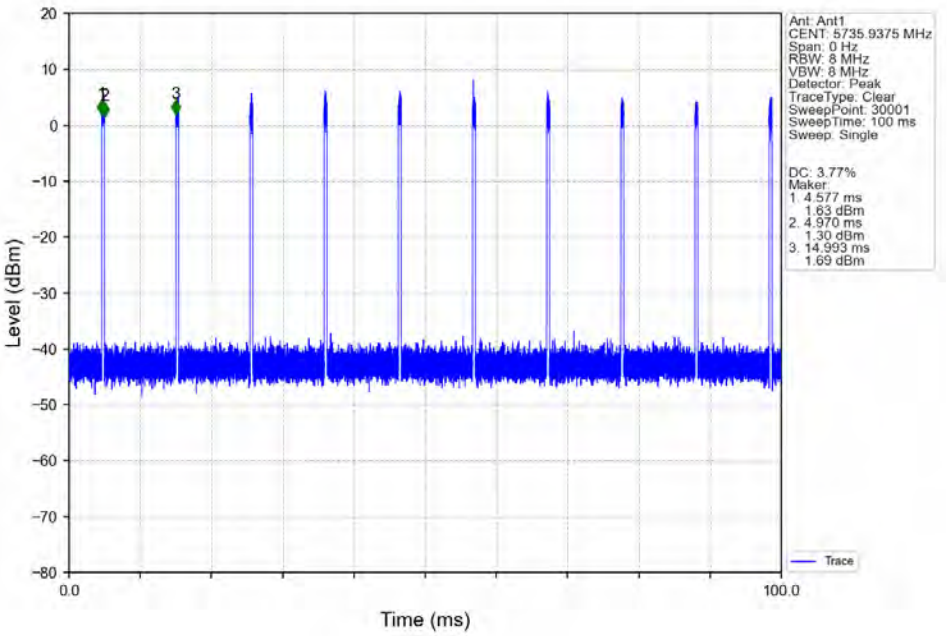
802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_ / _Ant1_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	16.651	/	Pass
		5200	/	/	1	16.648	/	Pass
		5240	/	/	1	16.655	/	Pass
		5745	/	/	1	16.747	/	Pass
		5785	/	/	1	16.645	/	Pass
		5825	/	/	1	16.720	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	17.799	/	Pass
		5200	/	/	1	17.917	/	Pass
		5240	/	/	1	17.826	/	Pass
		5745	/	/	1	17.938	/	Pass
		5785	/	/	1	17.871	/	Pass
		5825	/	/	1	18.027	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	36.706	/	Pass
		5230	/	/	1	36.672	/	Pass
		5755	/	/	1	37.300	/	Pass
		5795	/	/	1	36.870	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	17.845	/	Pass
		5200	/	/	1	17.881	/	Pass
		5240	/	/	1	17.832	/	Pass
		5745	/	/	1	17.956	/	Pass
		5785	/	/	1	17.894	/	Pass
		5825	/	/	1	17.925	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	36.625	/	Pass
		5230	/	/	1	36.840	/	Pass
		5755	/	/	1	36.992	/	Pass
		5795	/	/	1	36.874	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	1	75.657	/	Pass
		5775	/	/	1	76.031	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	18.995	/	Pass
		5200	SU	/	1	19.027	/	Pass
		5240	SU	/	1	18.979	/	Pass
		5745	SU	/	1	19.062	/	Pass
		5785	SU	/	1	19.090	/	Pass
		5825	SU	/	1	19.045	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	38.028	/	Pass
		5230	SU	/	1	38.138	/	Pass
		5755	SU	/	1	38.156	/	Pass
		5795	SU	/	1	38.367	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	77.791	/	Pass
		5775	SU	/	1	77.514	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	23.095	/	Pass
		5200	/	/	1	25.170	/	Pass
		5240	/	/	1	23.289	/	Pass
802.11n (HT20)	SISO	5180	/	/	1	25.358	/	Pass
		5200	/	/	1	26.096	/	Pass
		5240	/	/	1	27.257	/	Pass
802.11n (HT40)	SISO	5190	/	/	1	45.900	/	Pass
		5230	/	/	1	46.512	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	25.405	/	Pass
		5200	/	/	1	25.015	/	Pass
		5240	/	/	1	26.078	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	47.698	/	Pass
		5230	/	/	1	45.273	/	Pass
802.11ac (VHT80)	SISO	5210	/	/	1	87.126	/	Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	24.030	/	Pass
		5200	SU	/	1	24.513	/	Pass
		5240	SU	/	1	28.305	/	Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	45.038	/	Pass
		5230	SU	/	1	46.298	/	Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	82.972	/	Pass

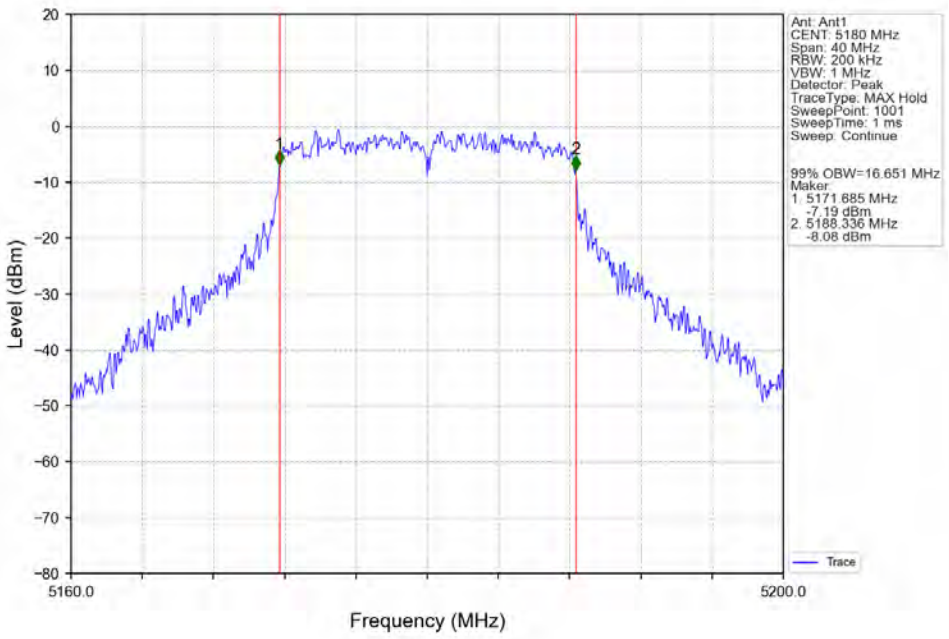
2.1.3 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.416	>=0.5	Pass
		5785	/	/	1	16.391	>=0.5	Pass
		5825	/	/	1	16.399	>=0.5	Pass
802.11n (HT20)	SISO	5745	/	/	1	17.616	>=0.5	Pass
		5785	/	/	1	17.639	>=0.5	Pass
		5825	/	/	1	17.636	>=0.5	Pass
802.11n (HT40)	SISO	5755	/	/	1	36.369	>=0.5	Pass
		5795	/	/	1	36.141	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.616	>=0.5	Pass
		5785	/	/	1	17.802	>=0.5	Pass
		5825	/	/	1	17.613	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.388	>=0.5	Pass
		5795	/	/	1	36.116	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	/	/	1	66.978	>=0.5	Pass
802.11ax (HEW20)	SISO	5745	SU	/	1	18.780	>=0.5	Pass
		5785	SU	/	1	18.756	>=0.5	Pass
		5825	SU	/	1	18.873	>=0.5	Pass
802.11ax (HEW40)	SISO	5755	SU	/	1	38.130	>=0.5	Pass
		5795	SU	/	1	37.696	>=0.5	Pass
802.11ax (HEW80)	SISO	5775	SU	/	1	75.441	>=0.5	Pass

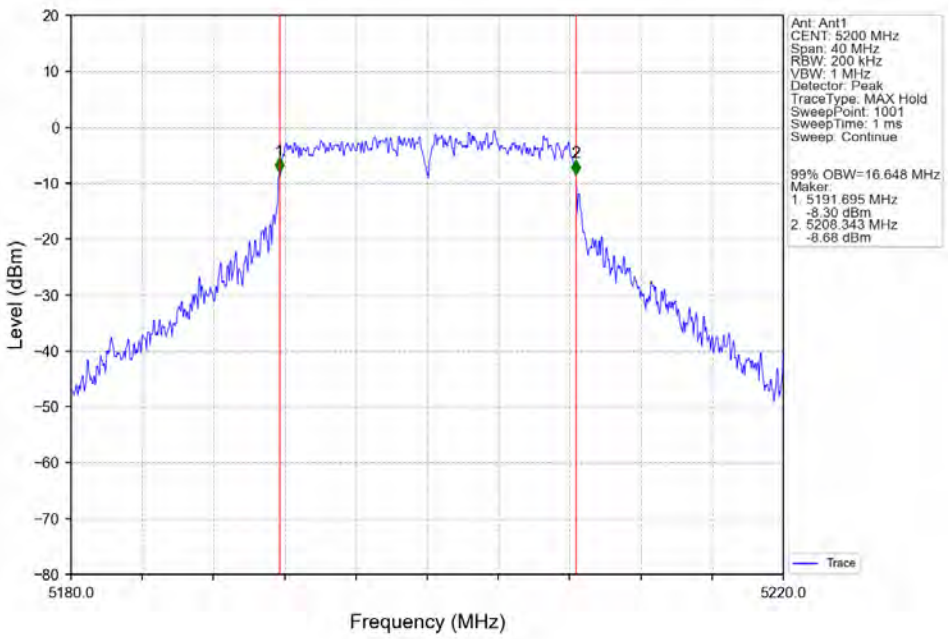
2.2 Test Graph

2.2.1 OBW

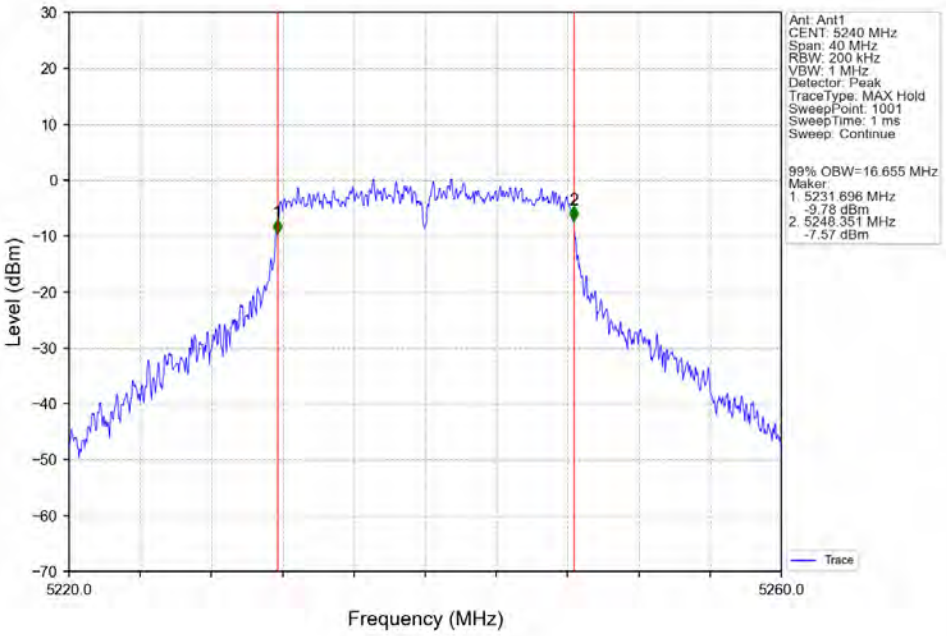
802.11a_LCH_5180MHz_Ant1_NTNV



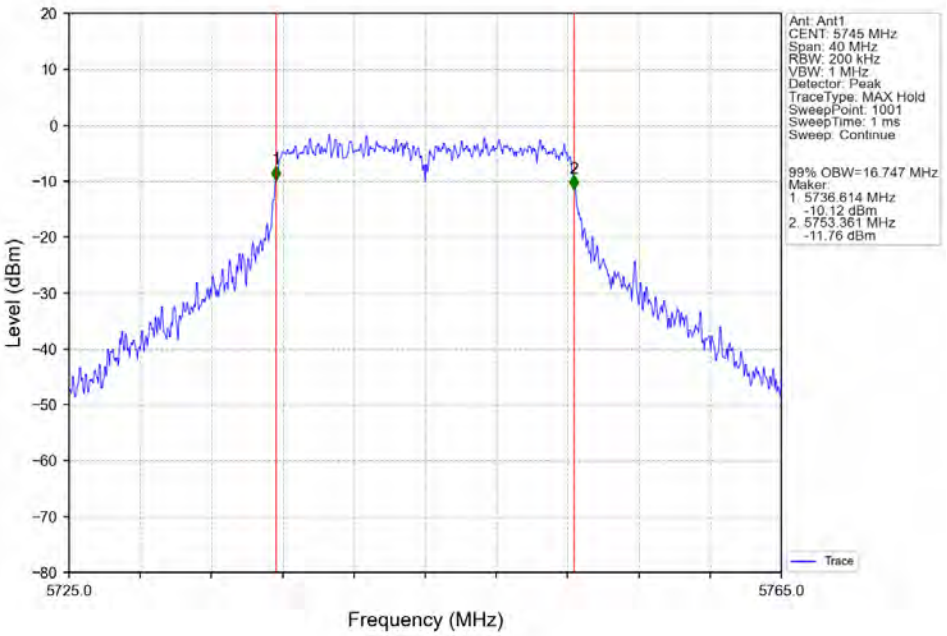
802.11a_MCH_5200MHz_Ant1_NTNV



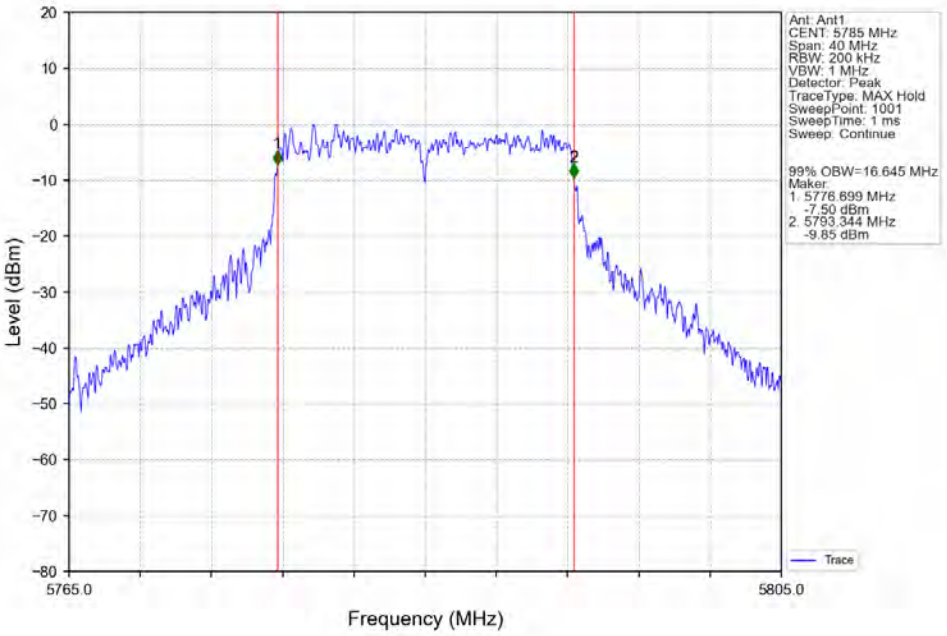
802.11a_HCH_5240MHz_Ant1_NTNV



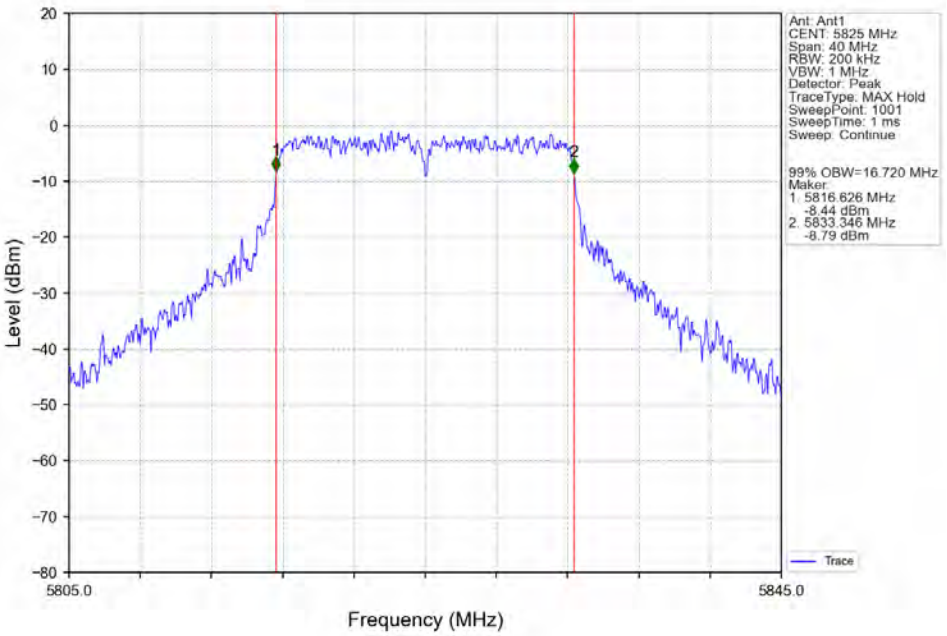
802.11a_LCH_5745MHz_Ant1_NTNV



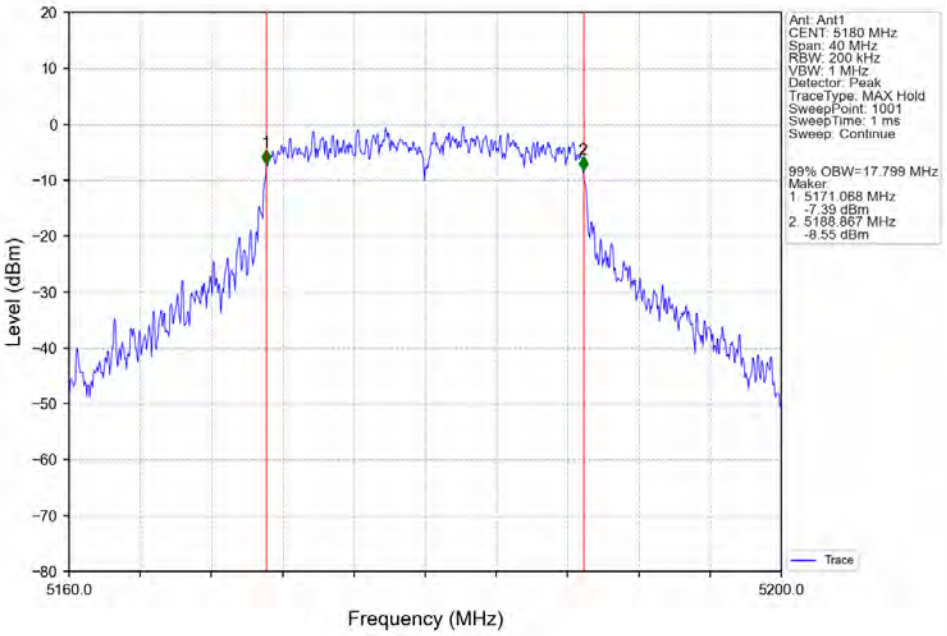
802.11a_MCH_5785MHz_Ant1_NTNV



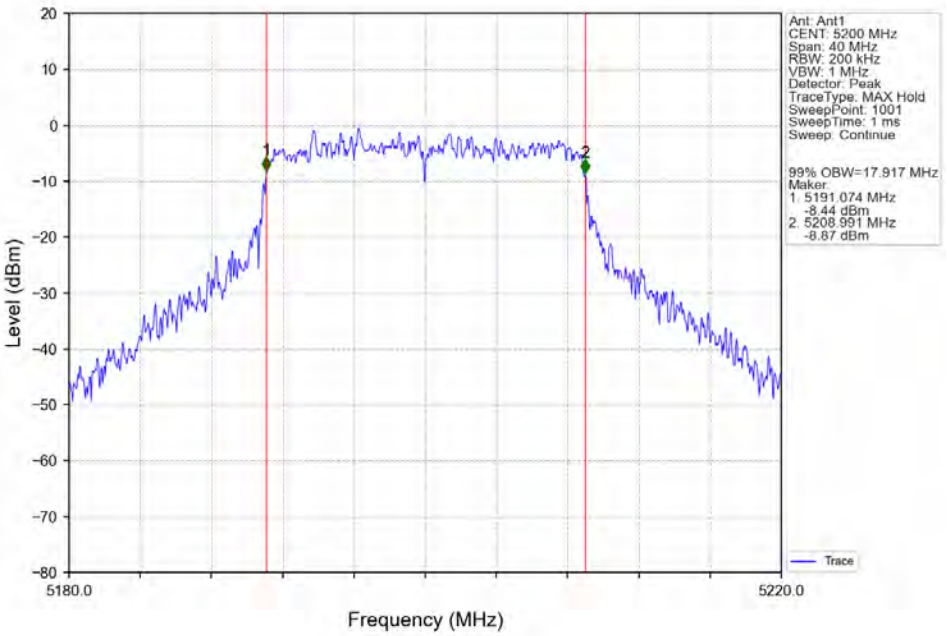
802.11a_HCH_5825MHz_Ant1_NTNV



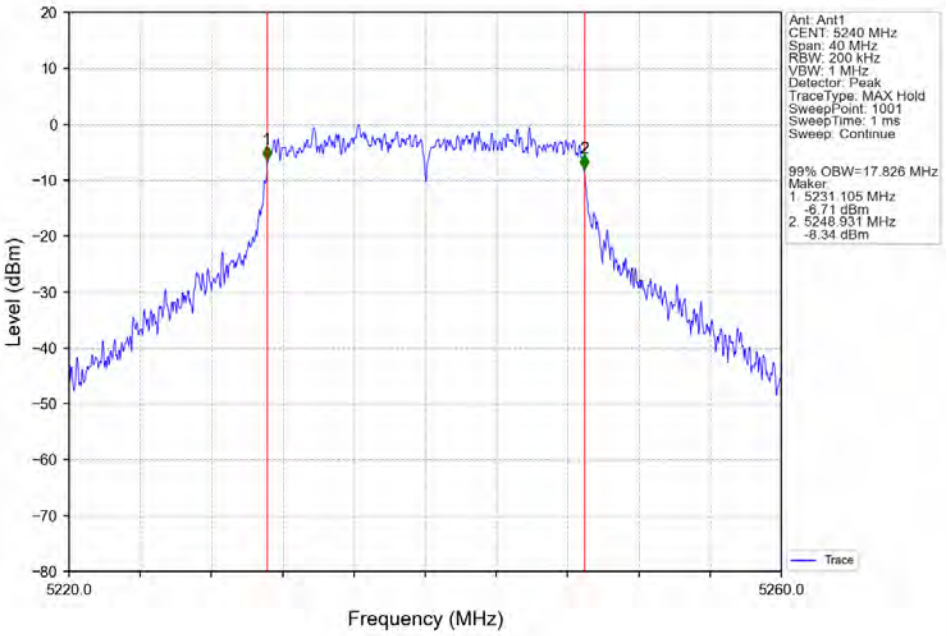
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



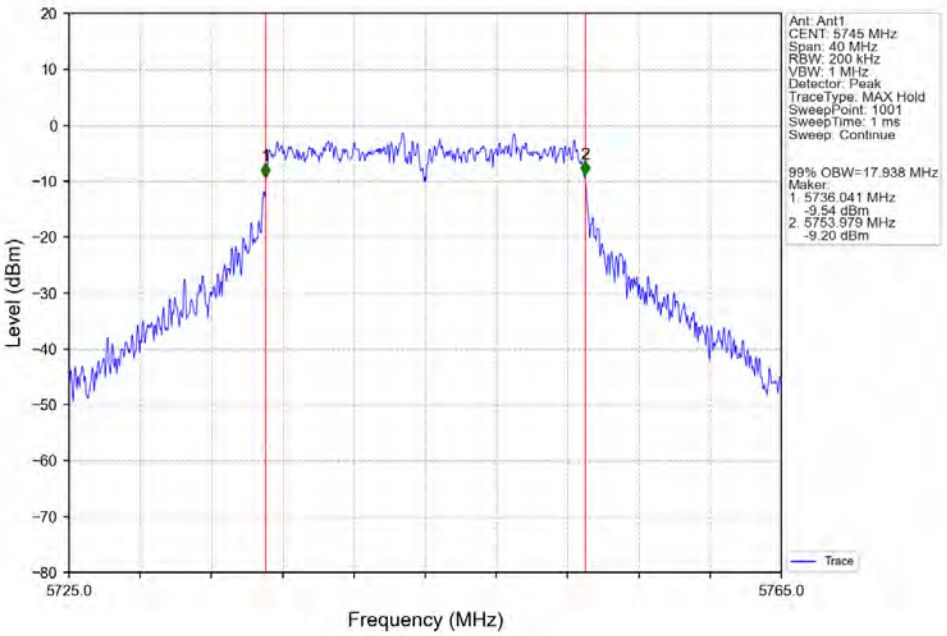
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



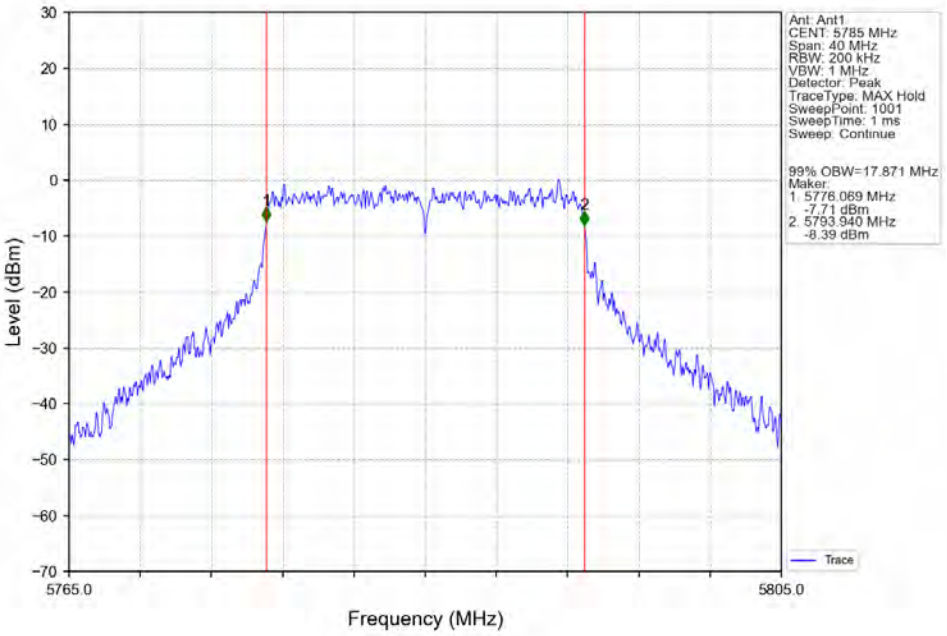
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



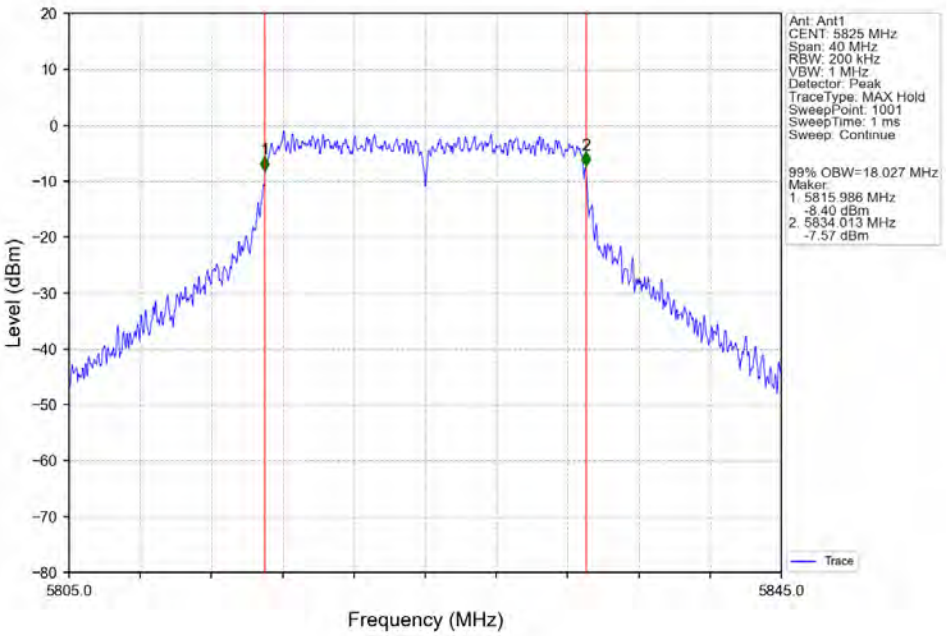
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



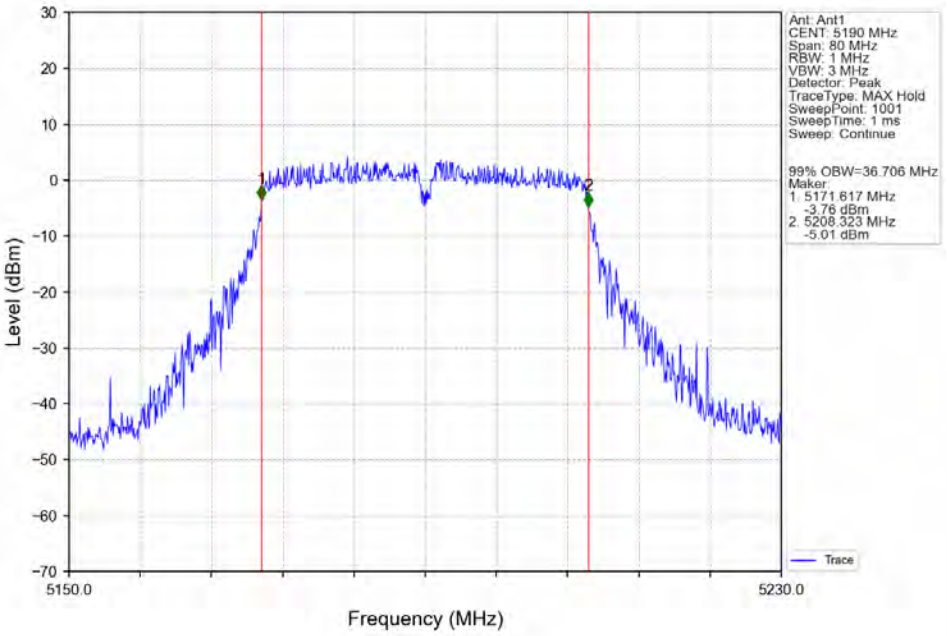
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



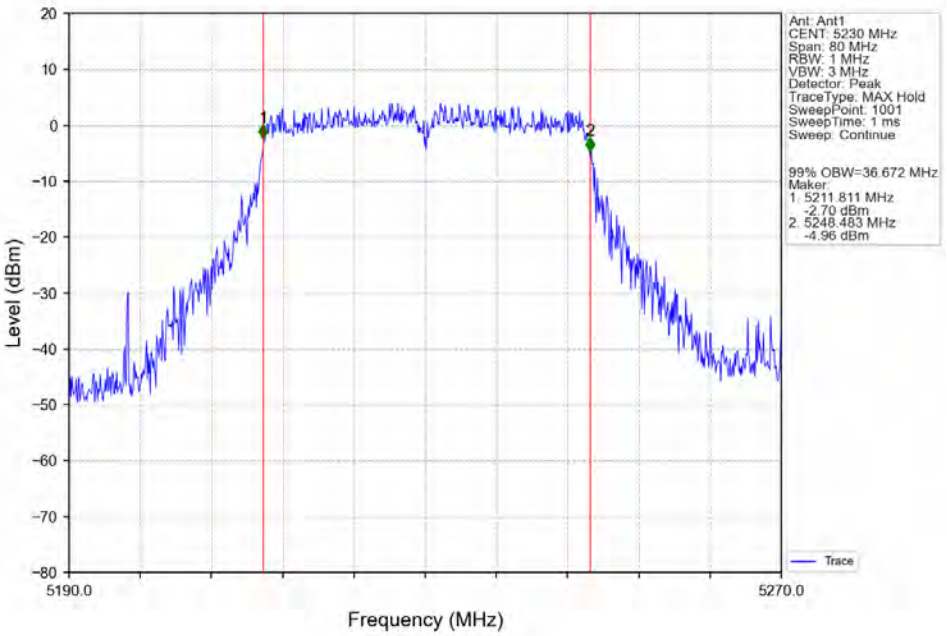
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



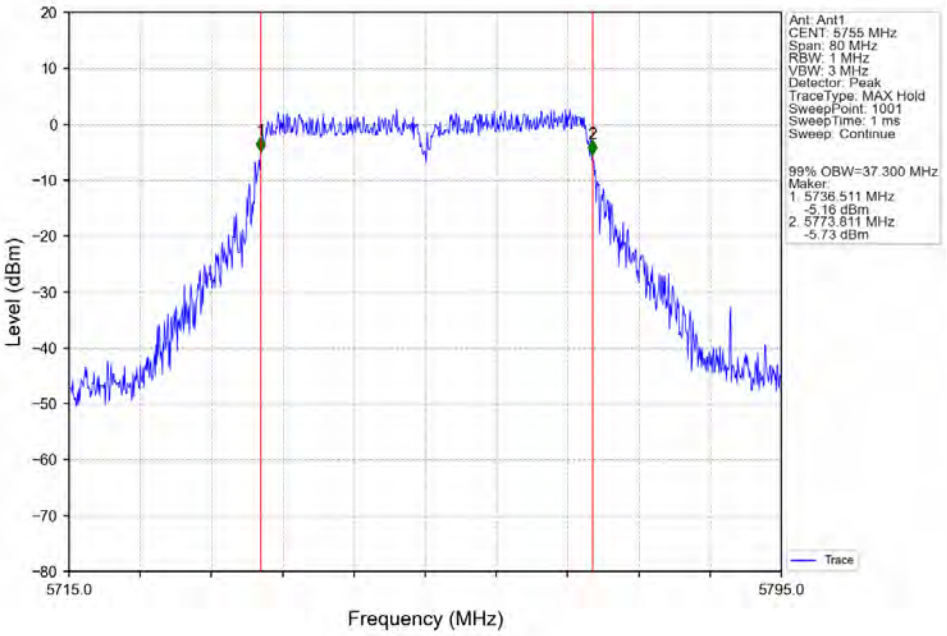
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



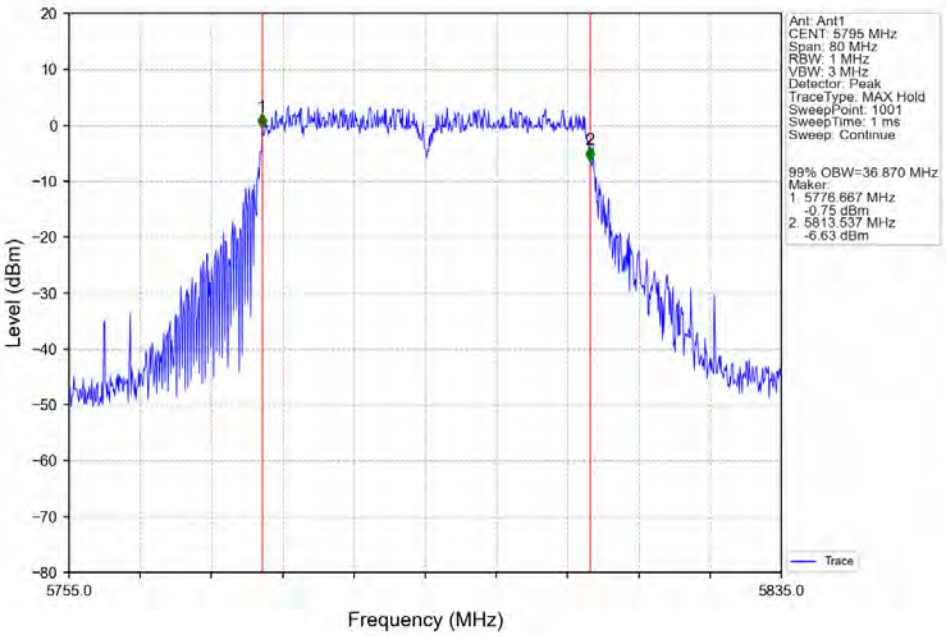
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



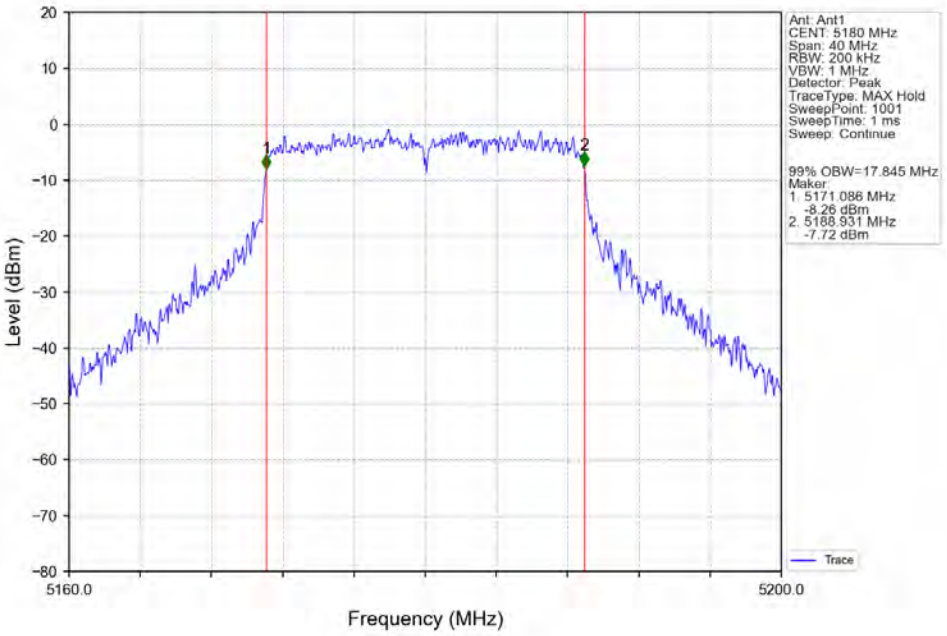
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



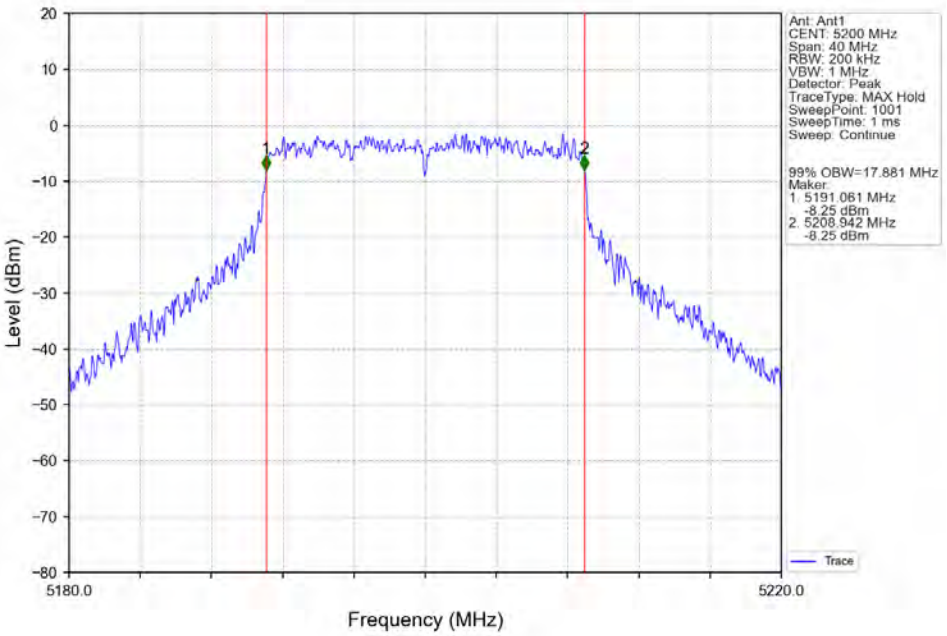
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



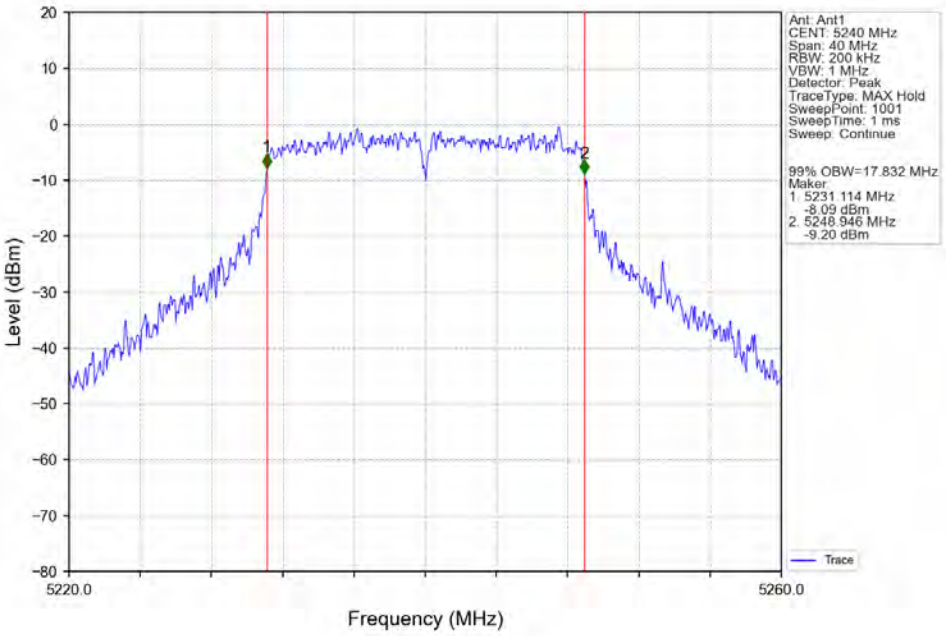
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



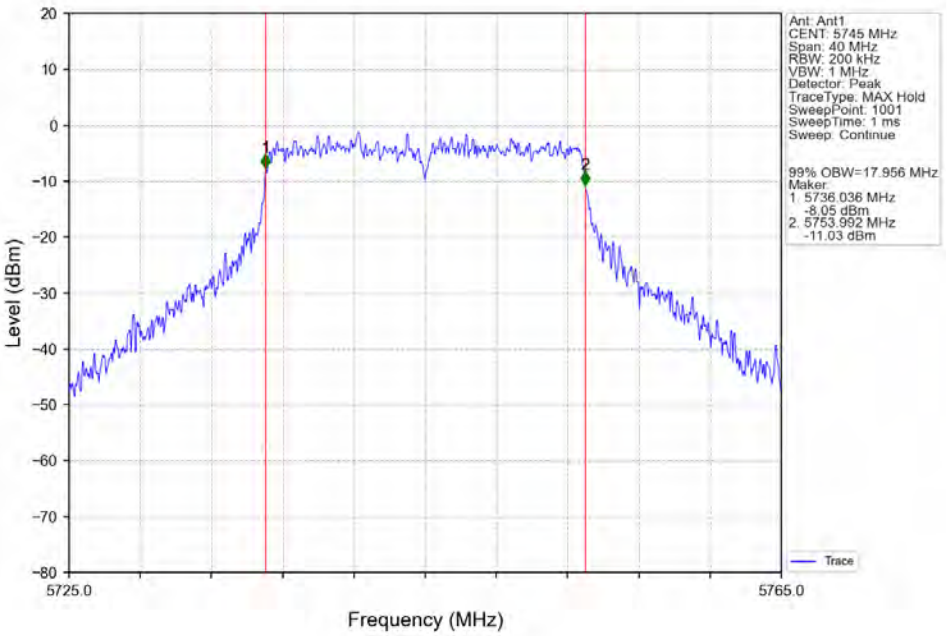
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



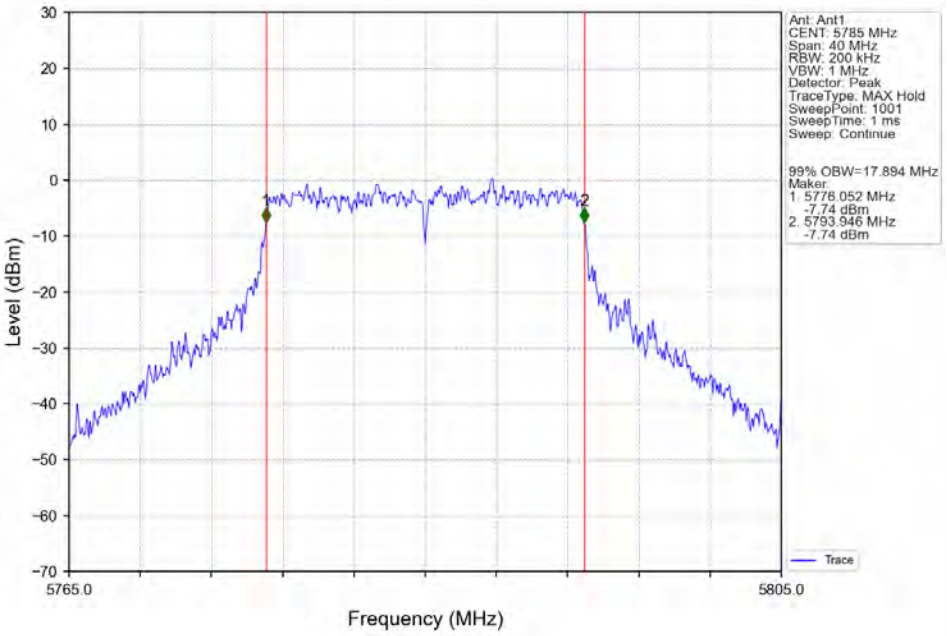
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



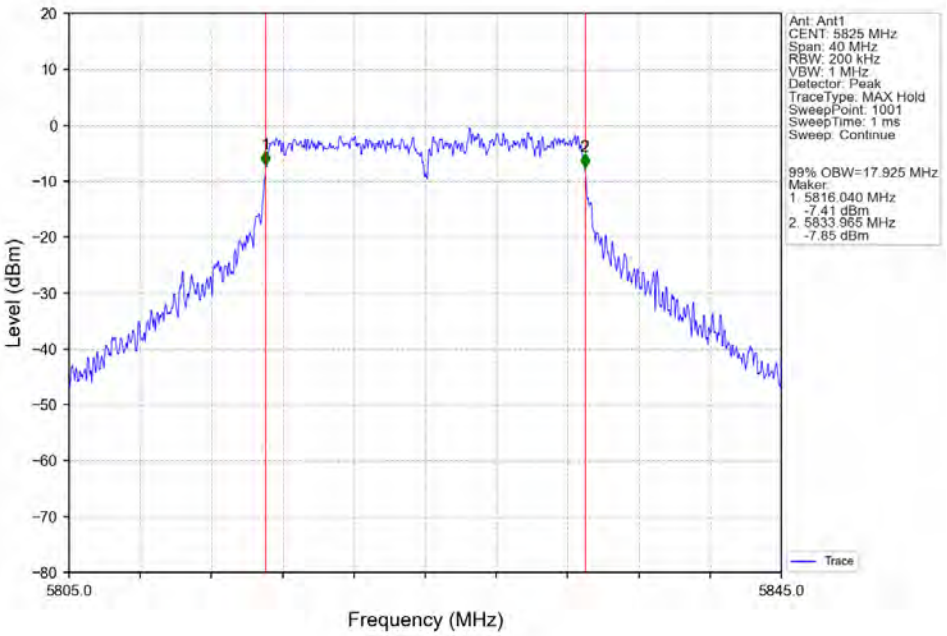
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



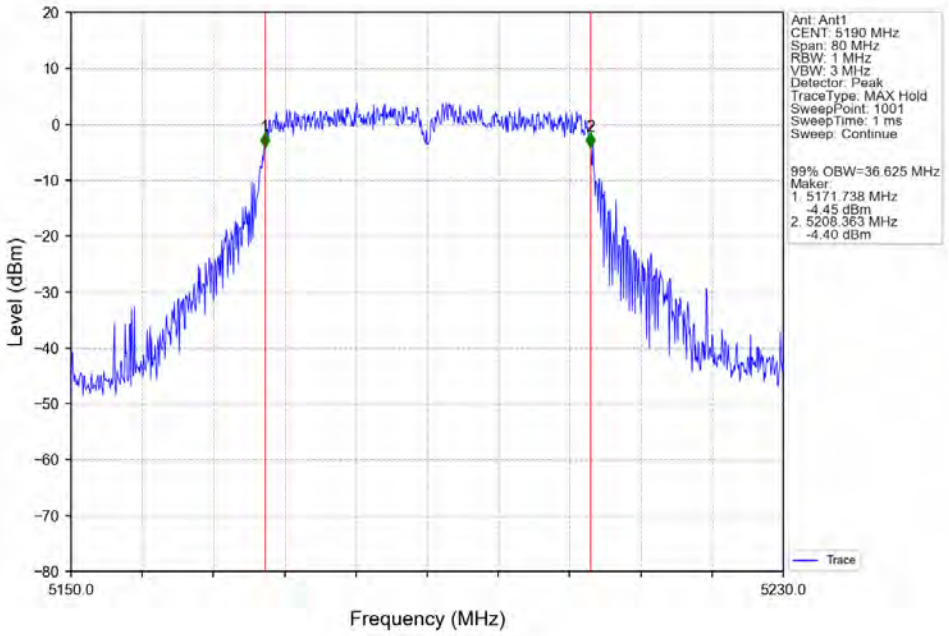
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



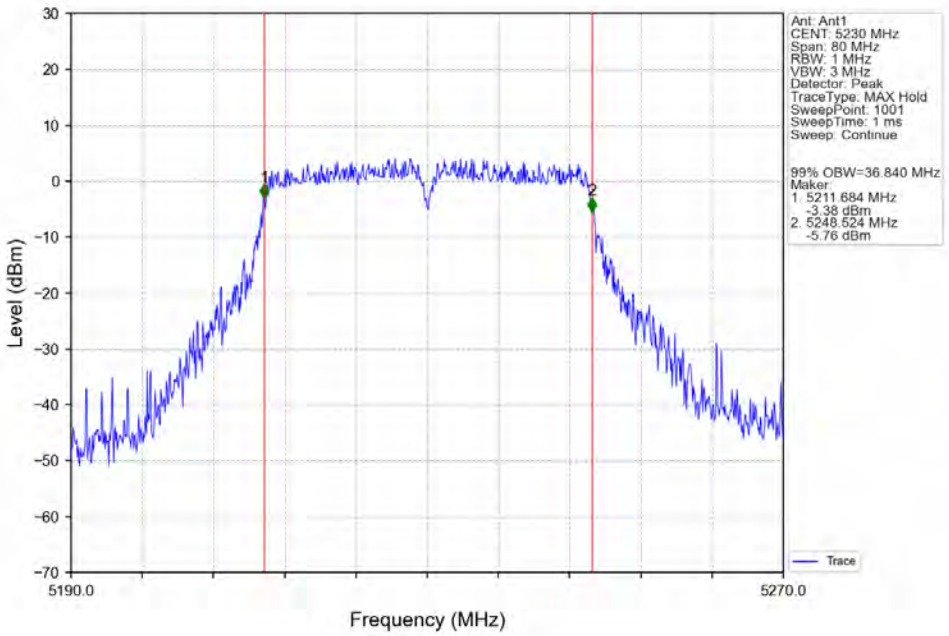
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



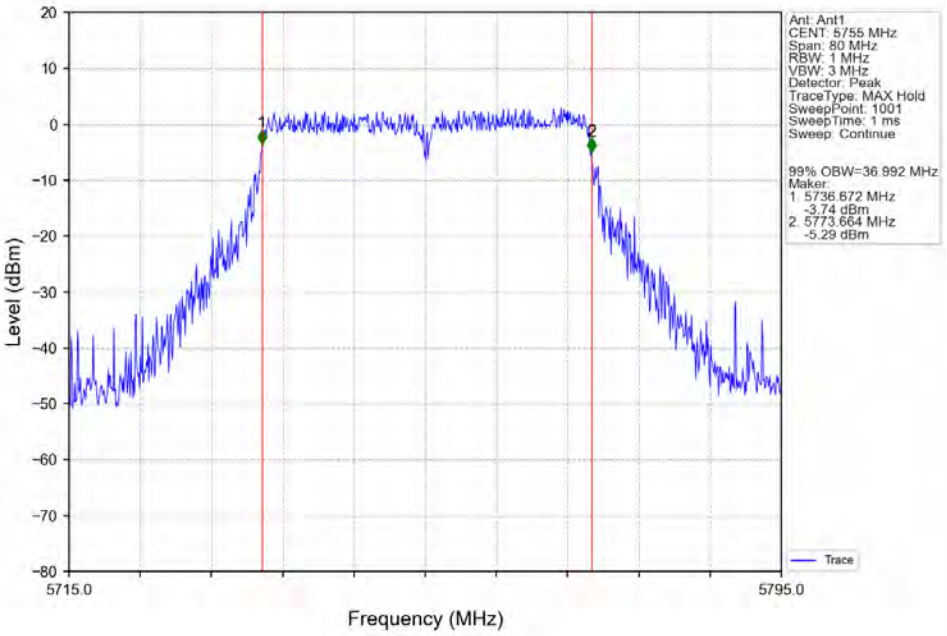
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



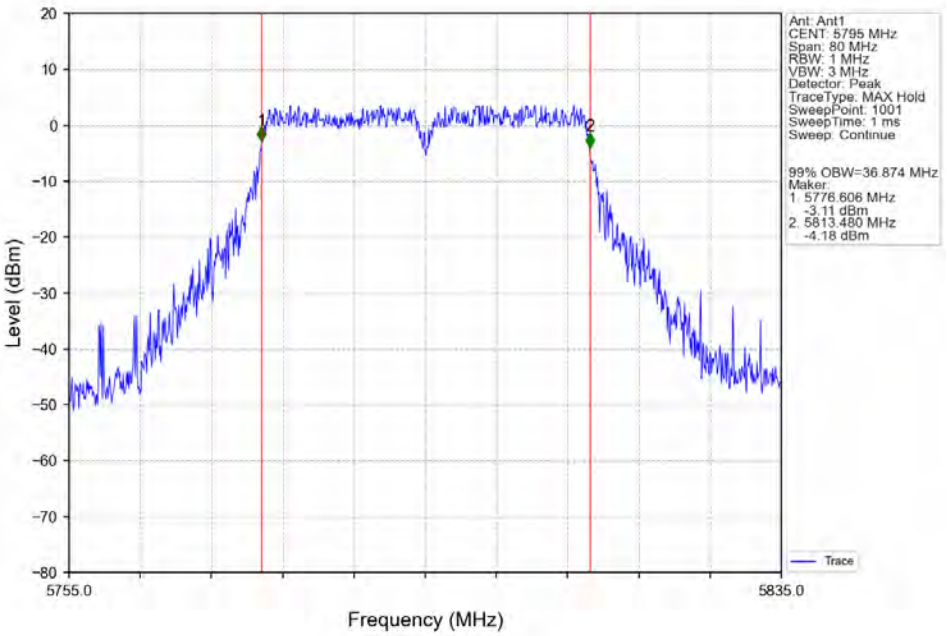
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



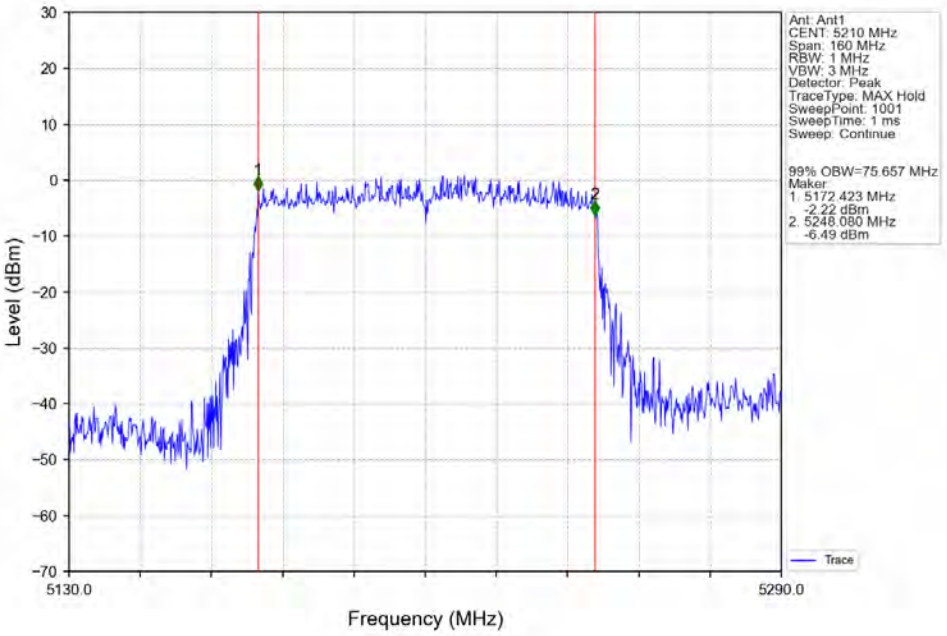
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



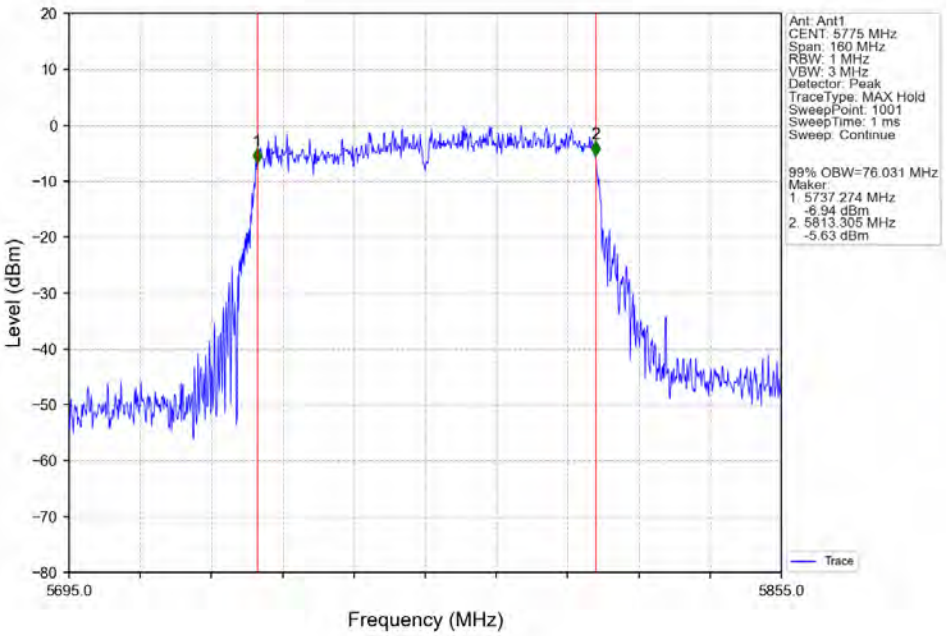
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



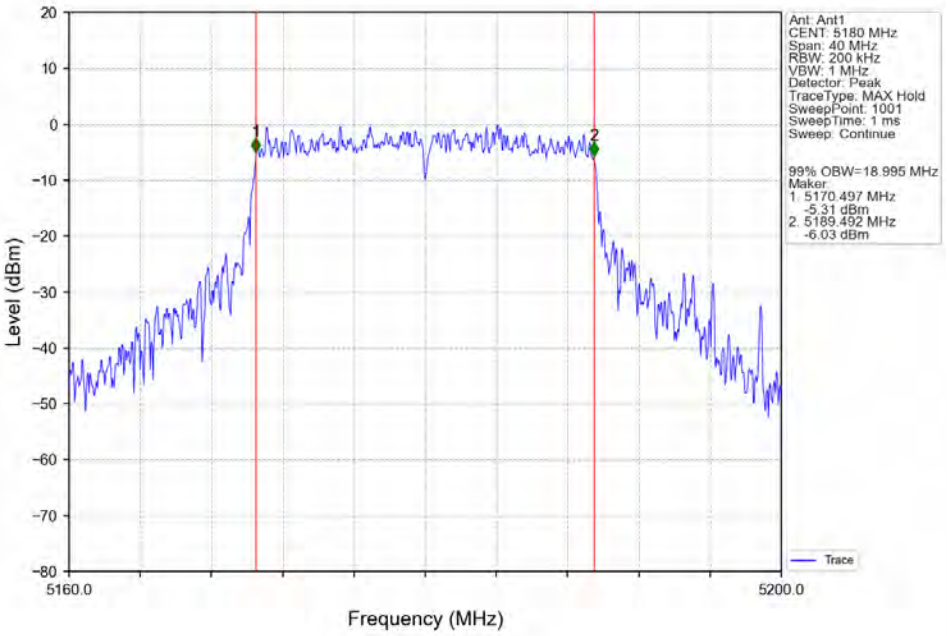
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



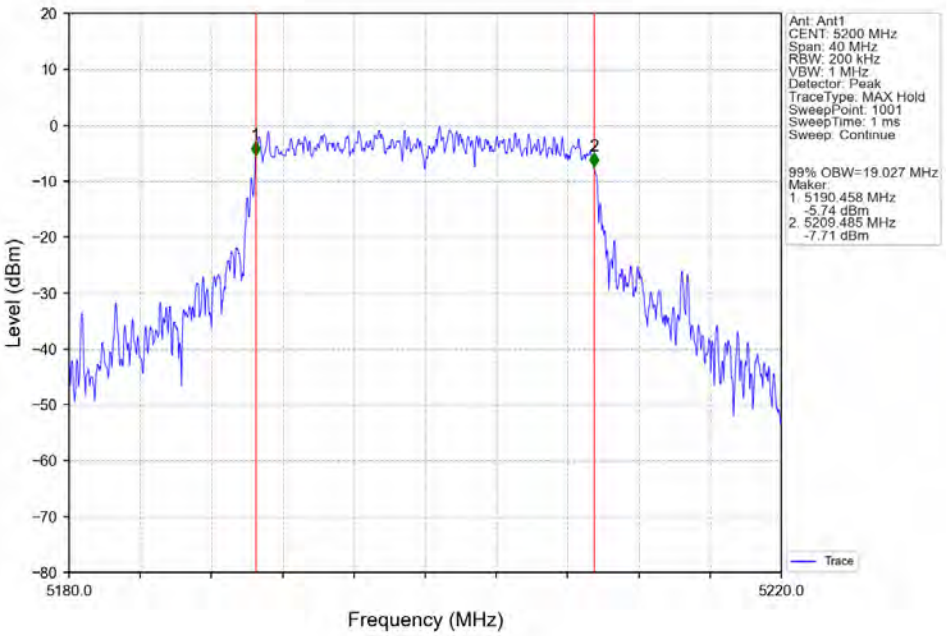
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



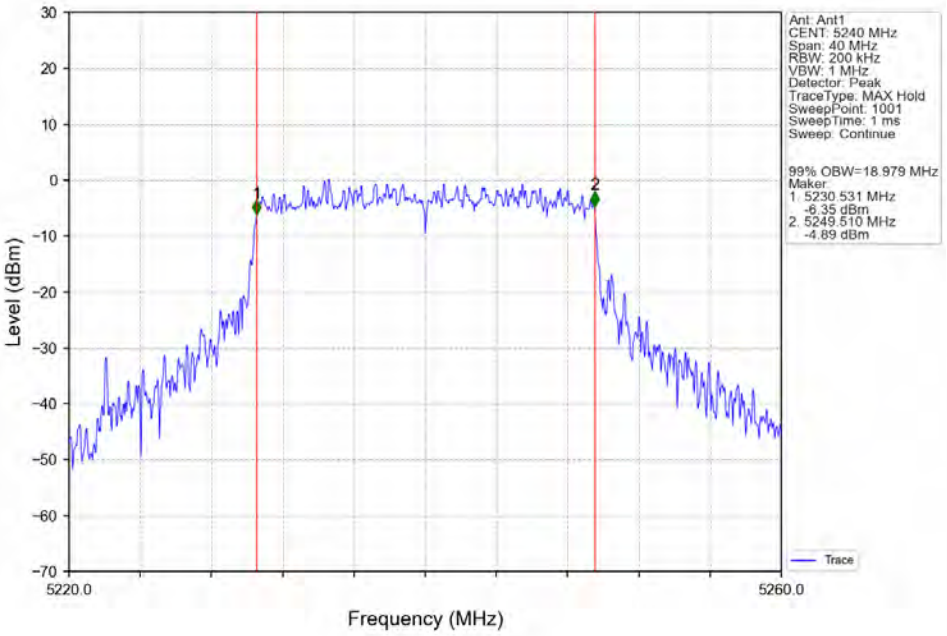
802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant1_NTNV



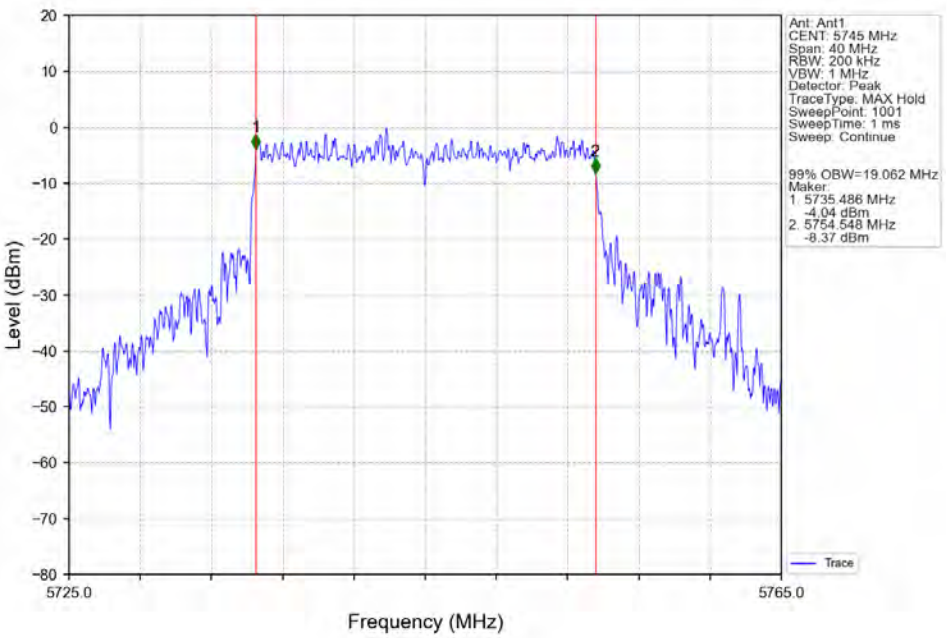
802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant1_NTNV



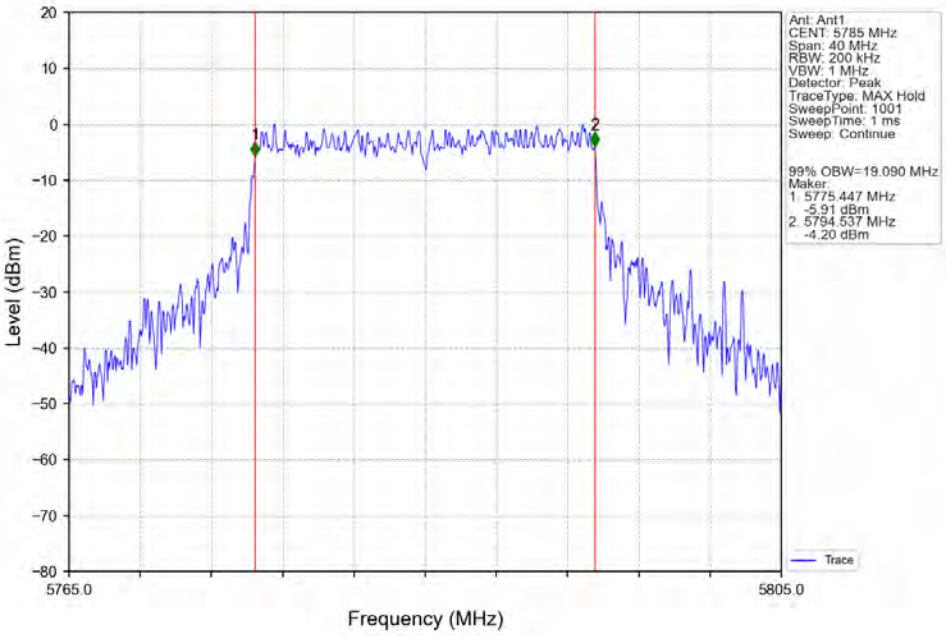
802.11ax(HEW20)_HCH_5240MHz_SU_ / _Ant1_NTNV



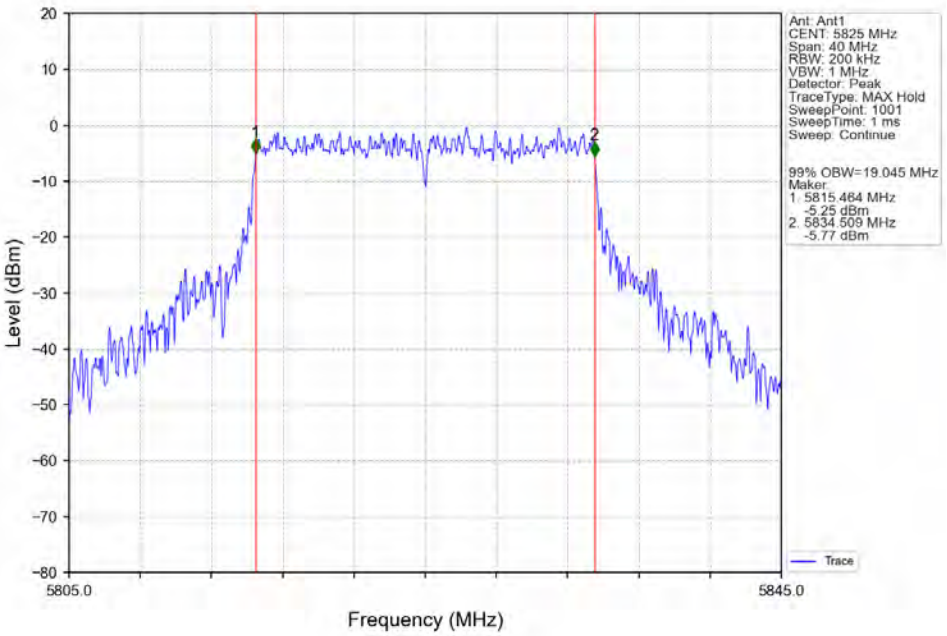
802.11ax(HEW20)_LCH_5745MHz_SU_ / _Ant1_NTNV



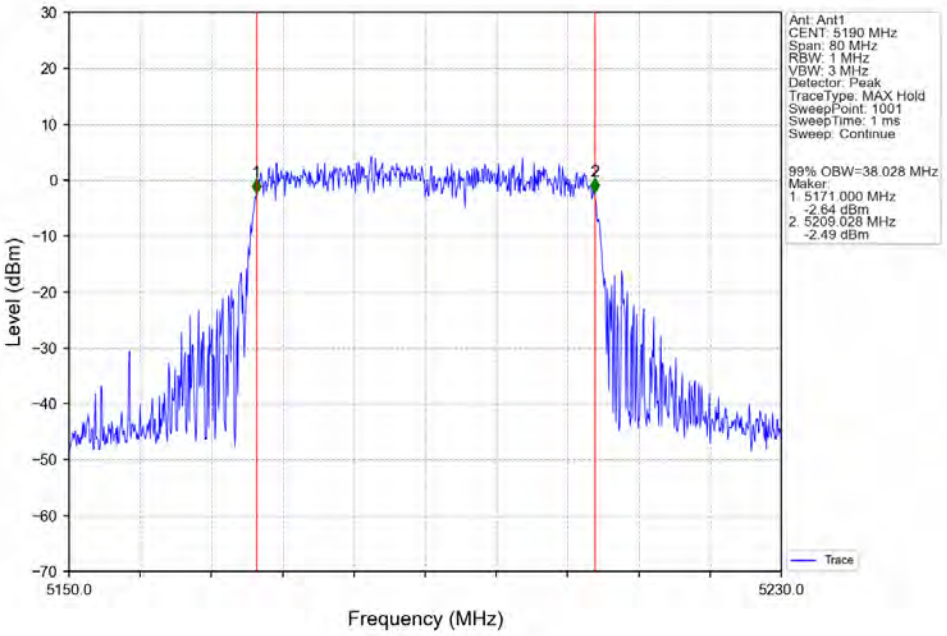
802.11ax(HEW20)_MCH_5785MHz_SU_ / _Ant1_NTNV



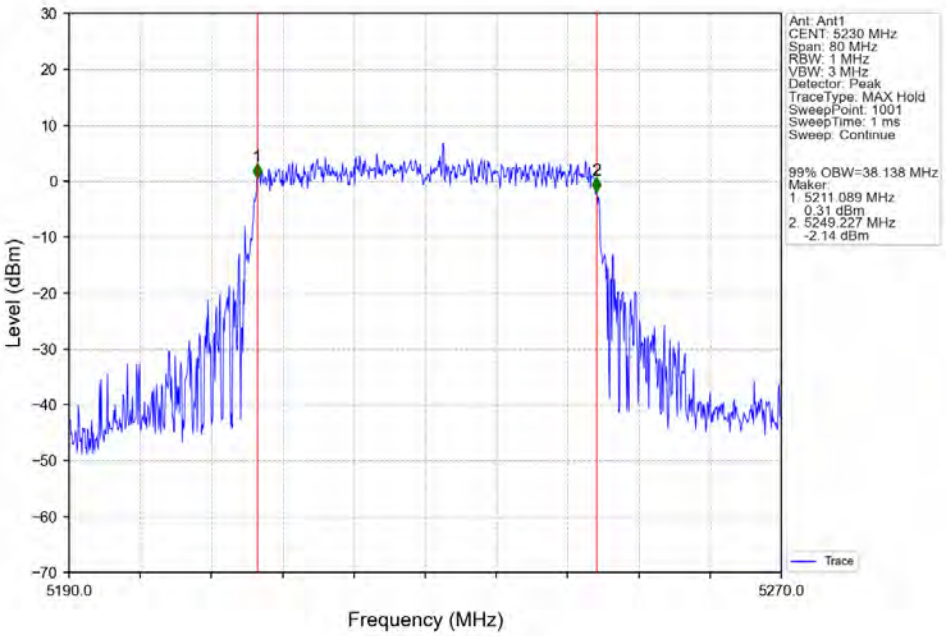
802.11ax(HEW20)_HCH_5825MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV



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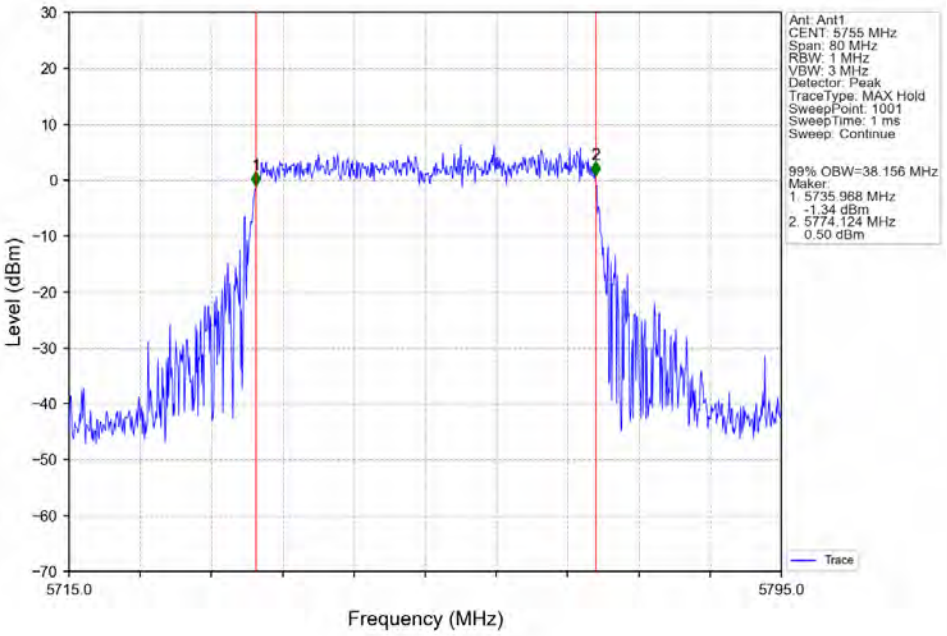
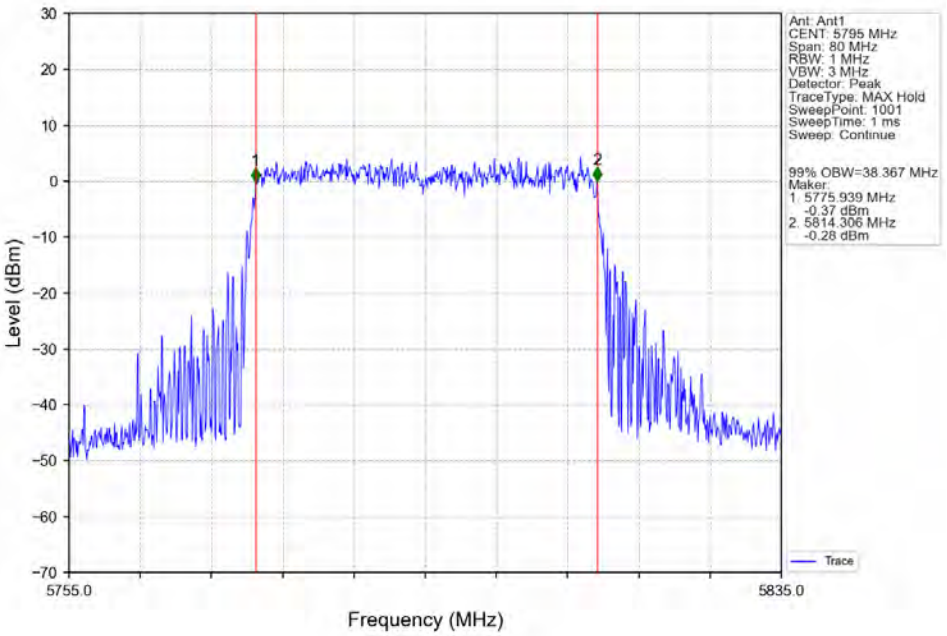
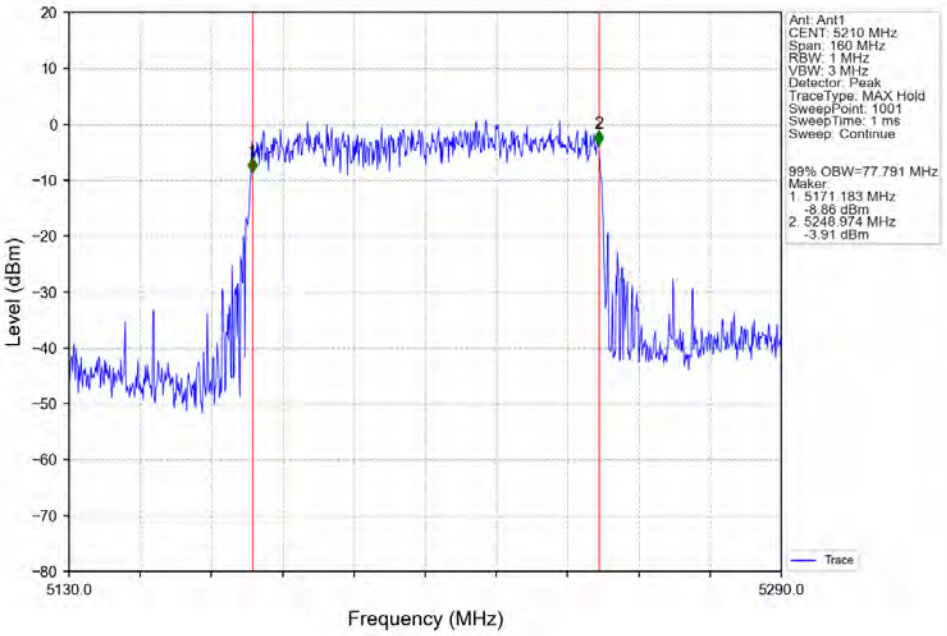


802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV



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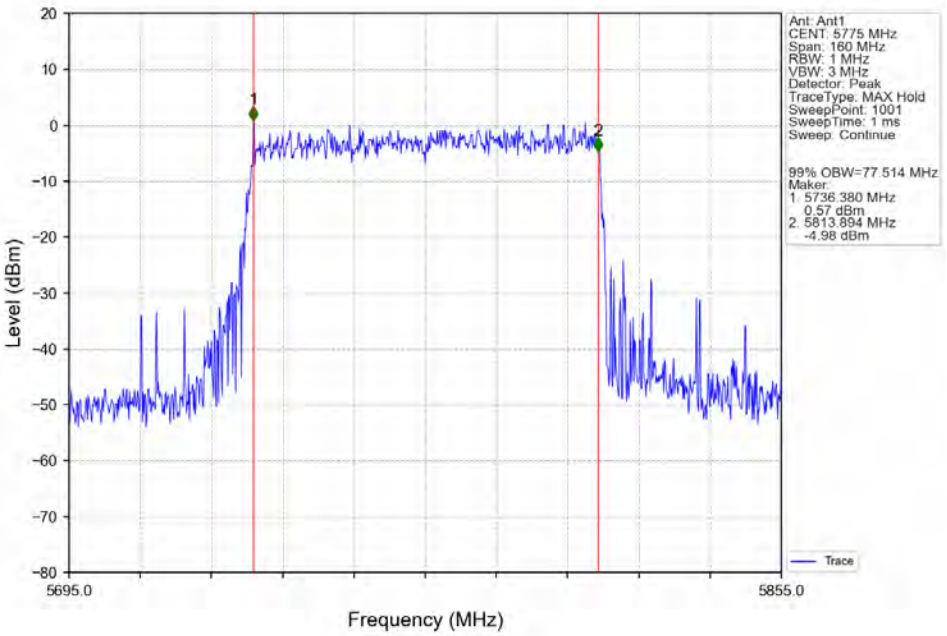
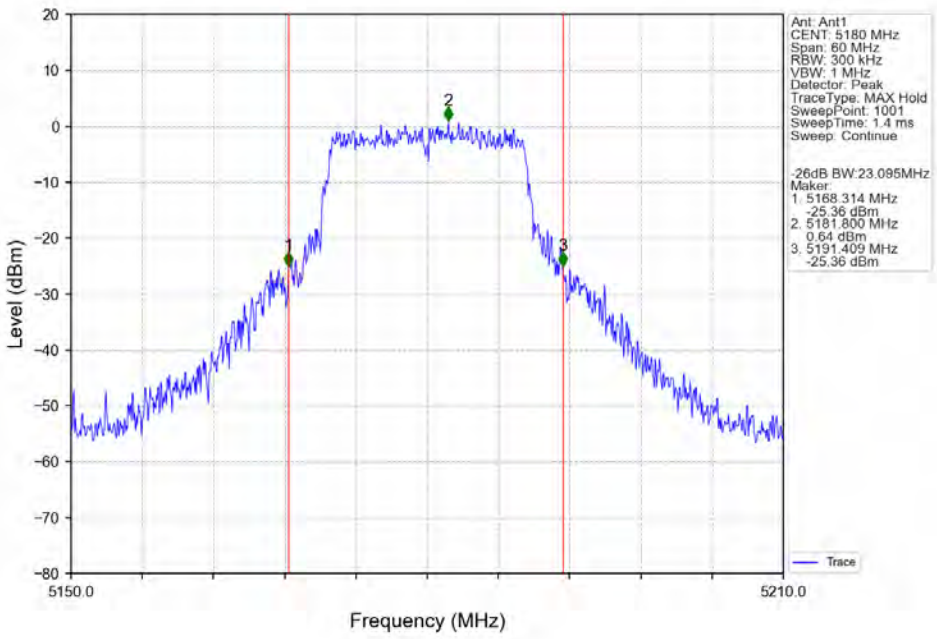


2.2.2 26dB BW

802.11a_LCH_5180MHz_Ant1_NTNV



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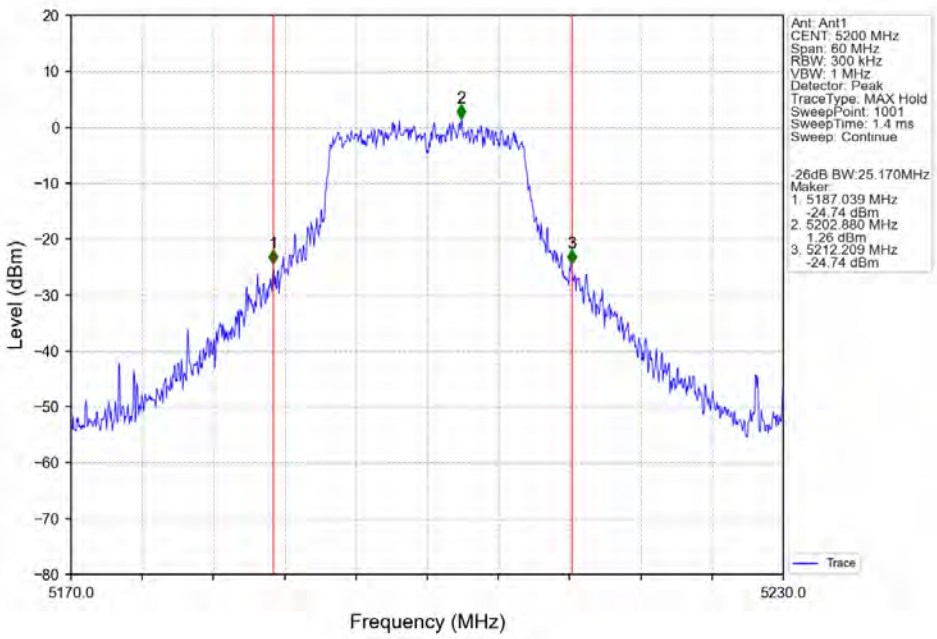

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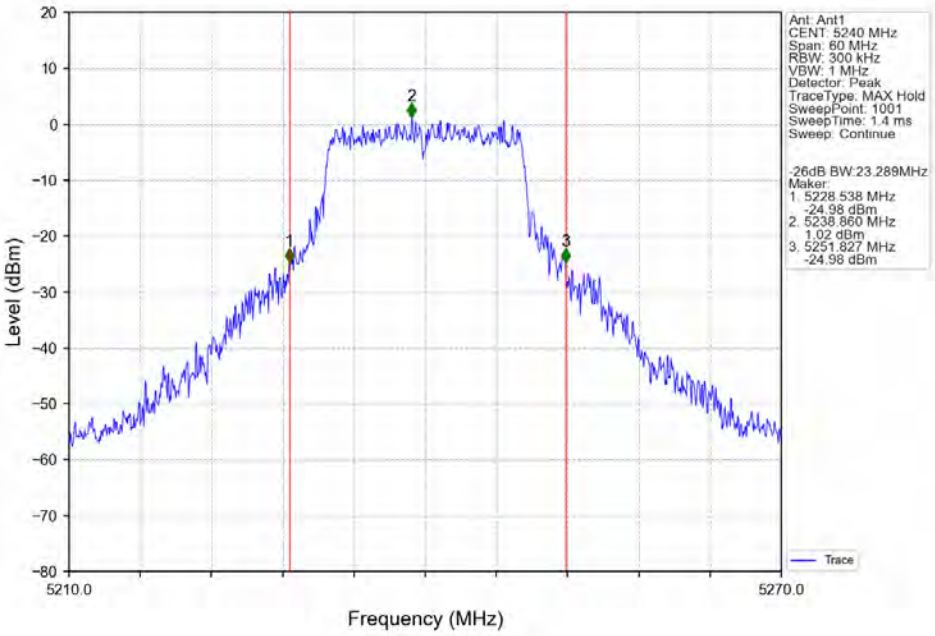
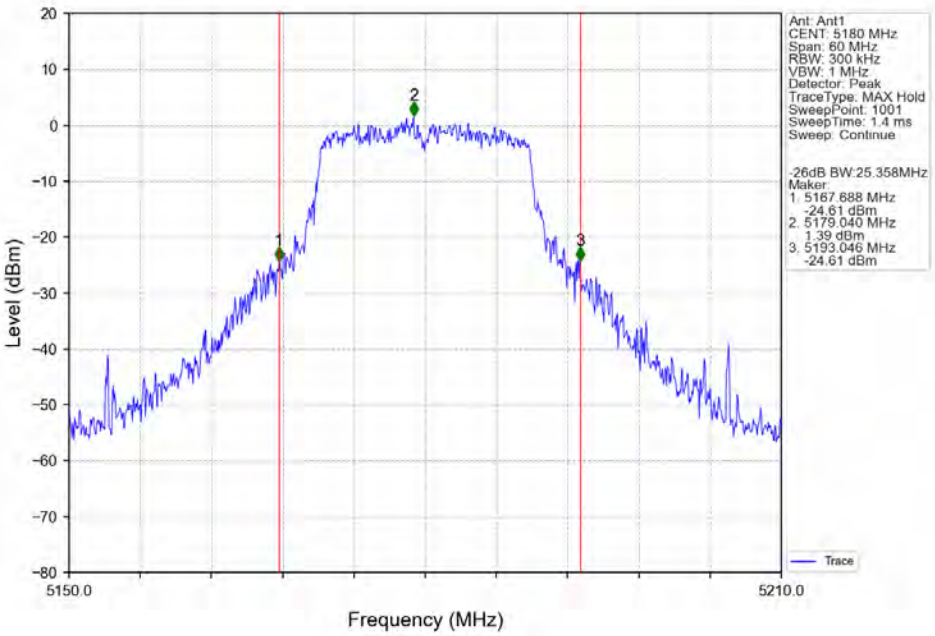


802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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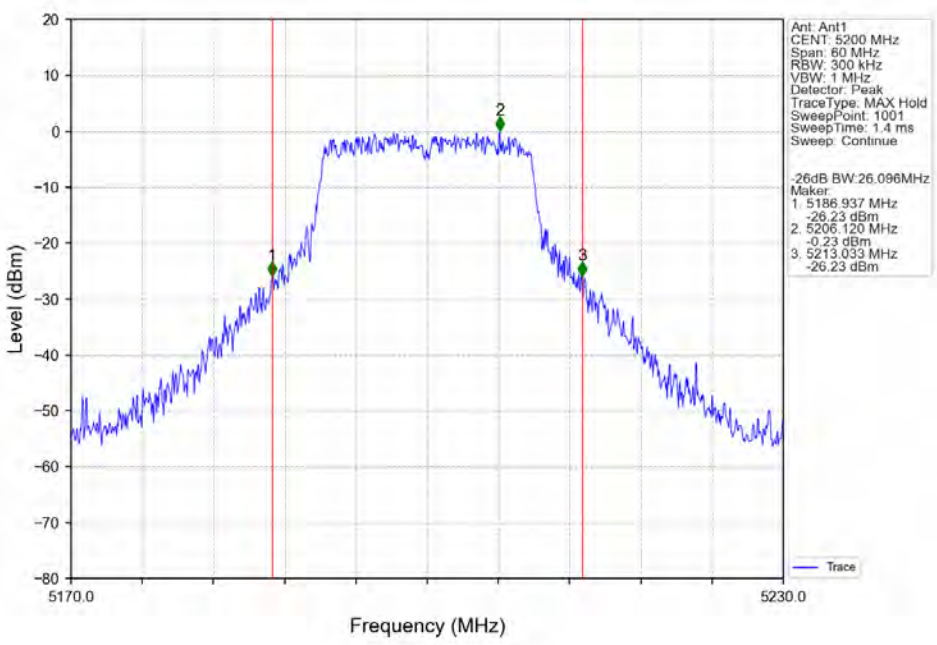

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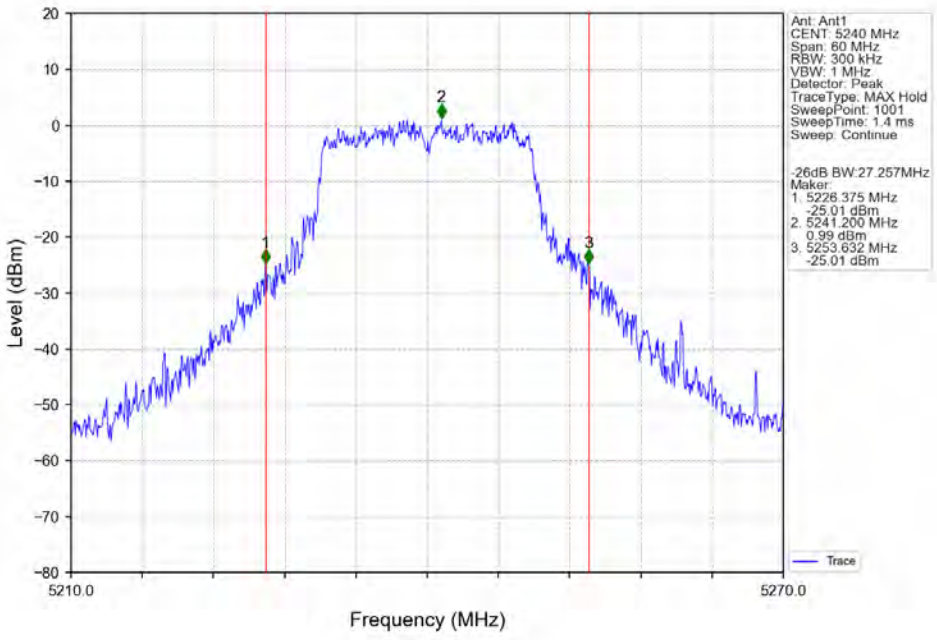
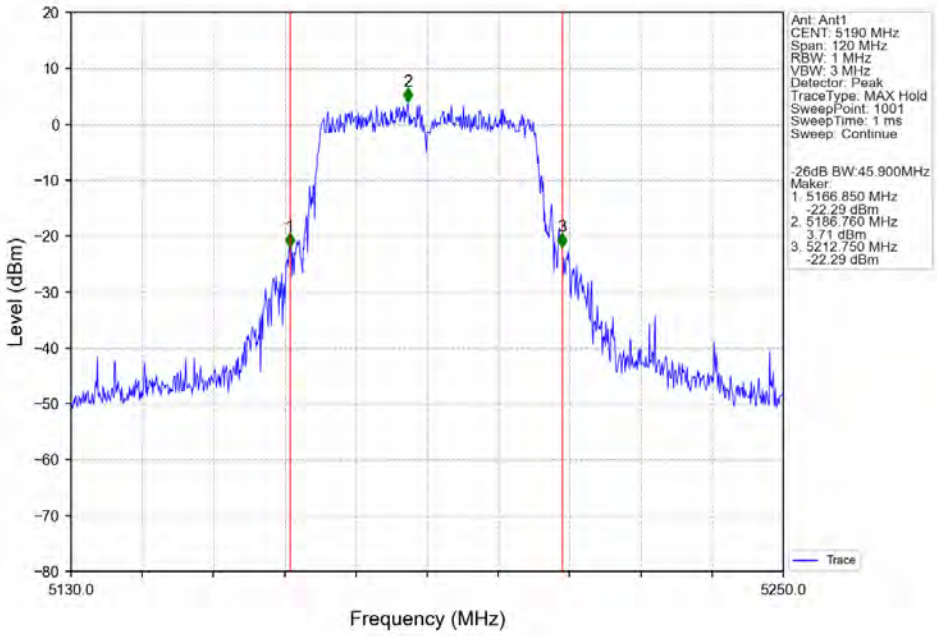
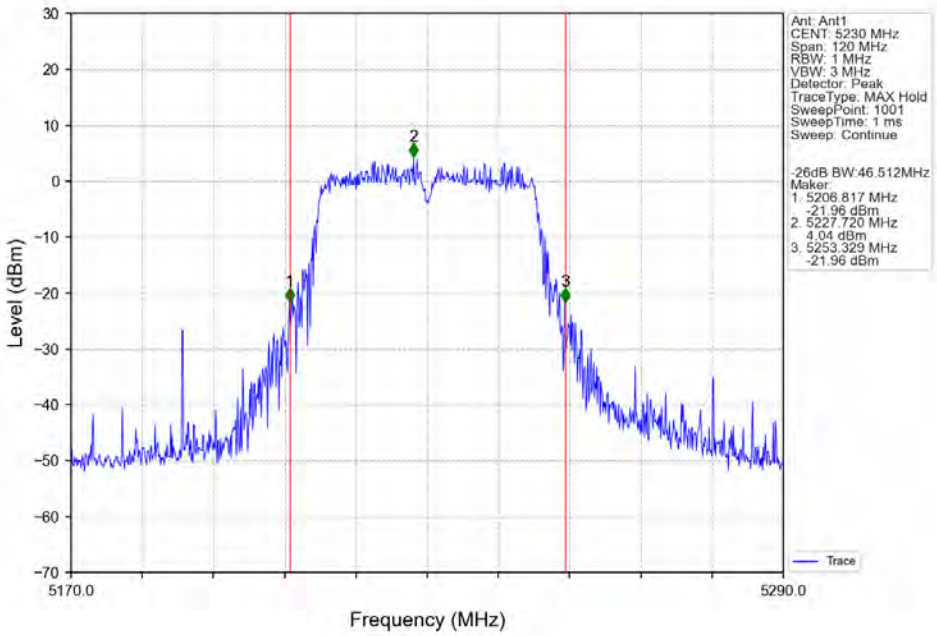


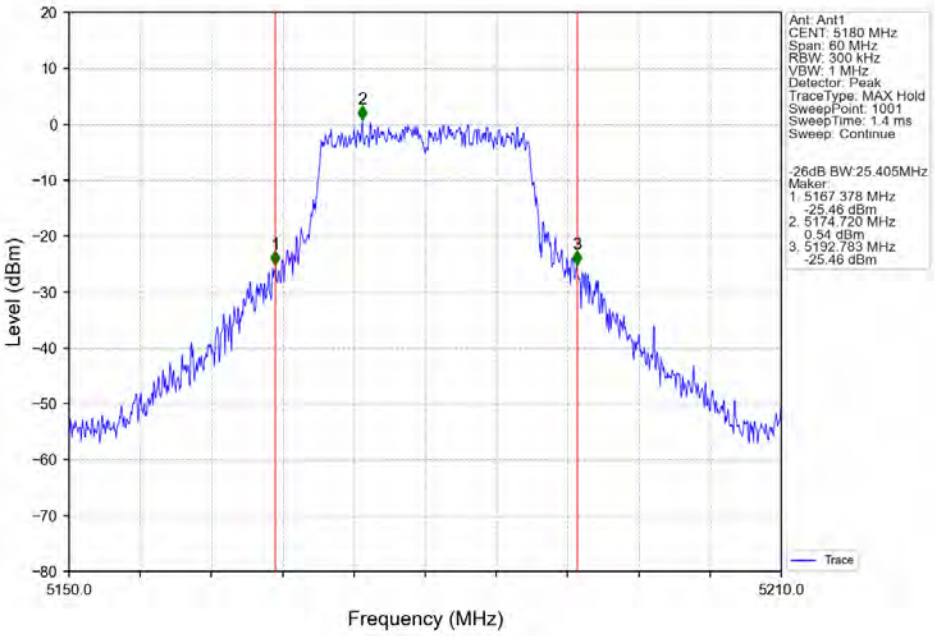
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



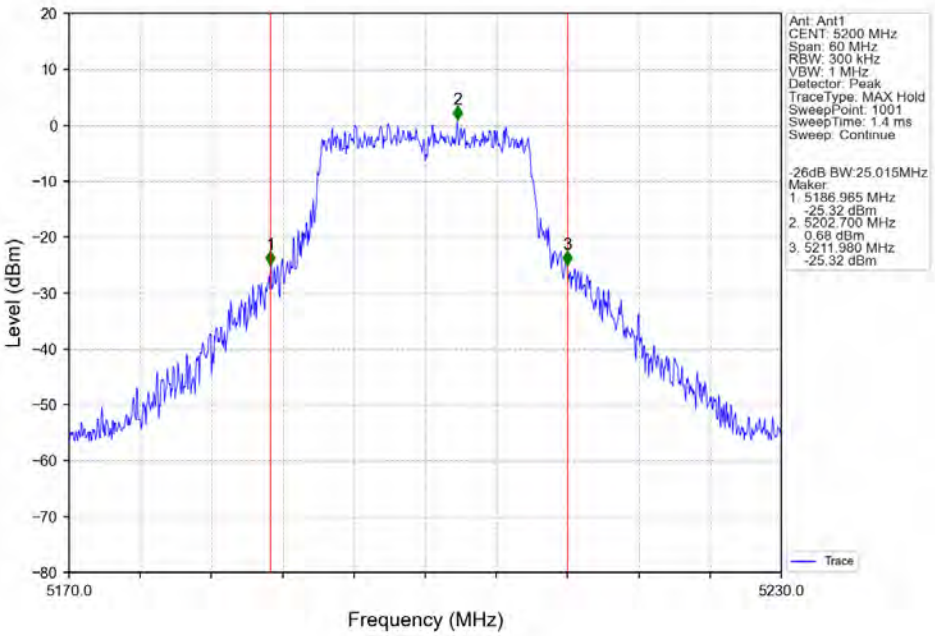
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



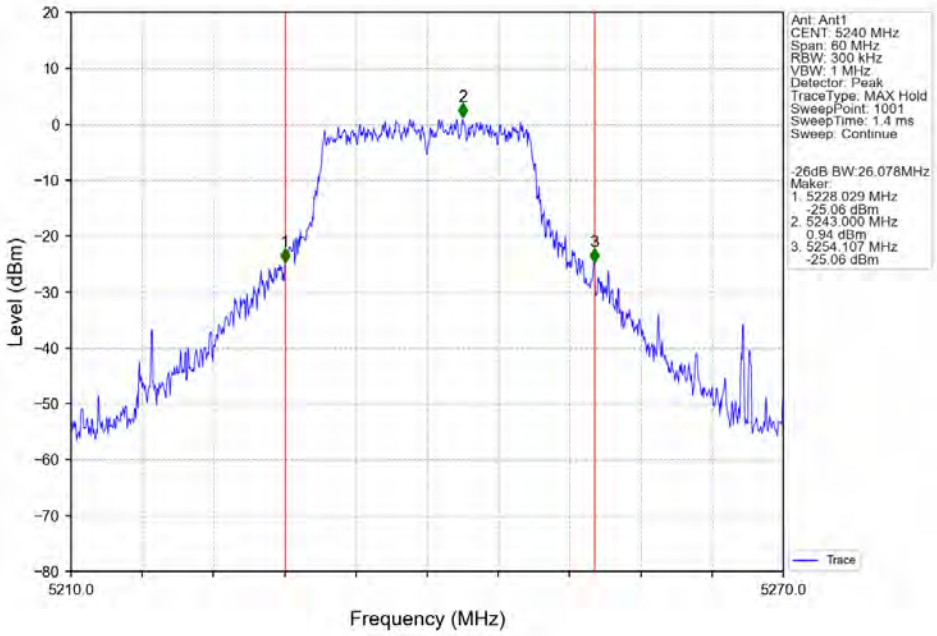
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



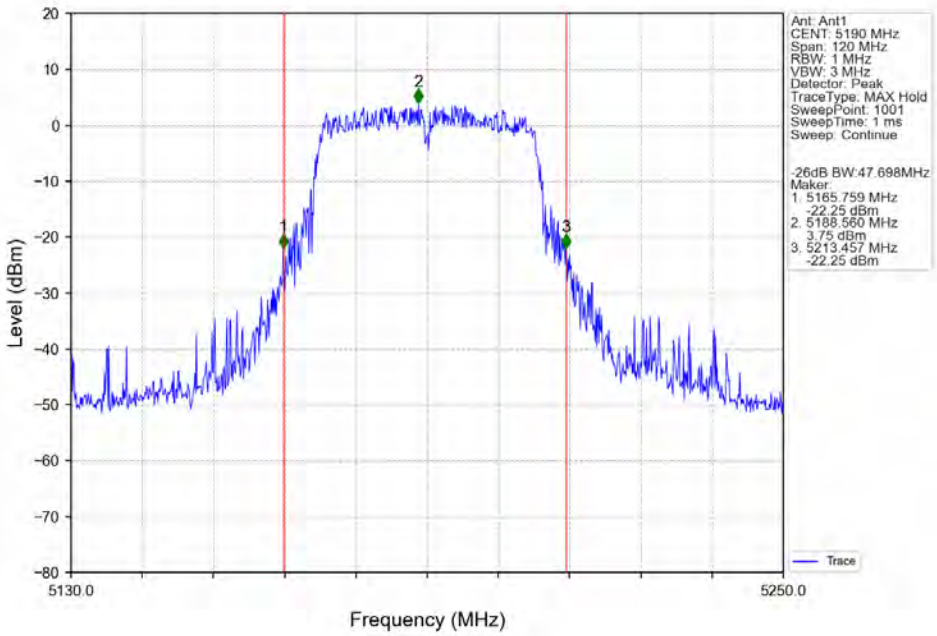
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



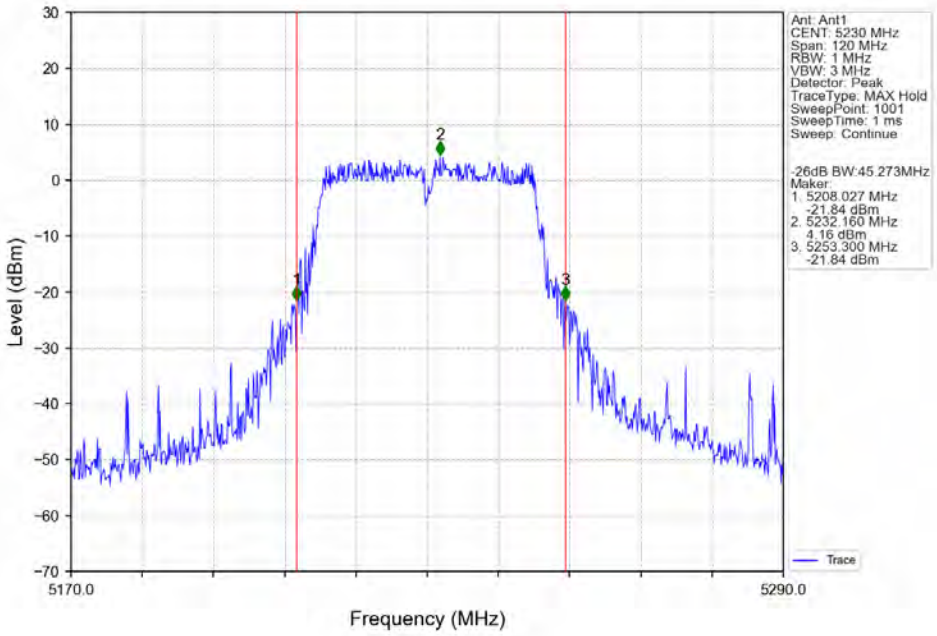
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



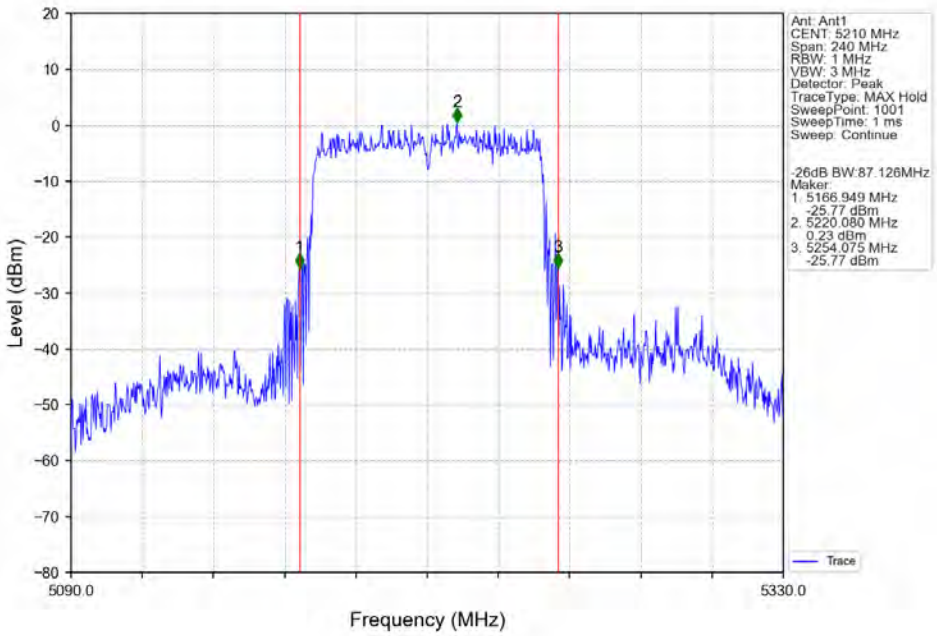
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



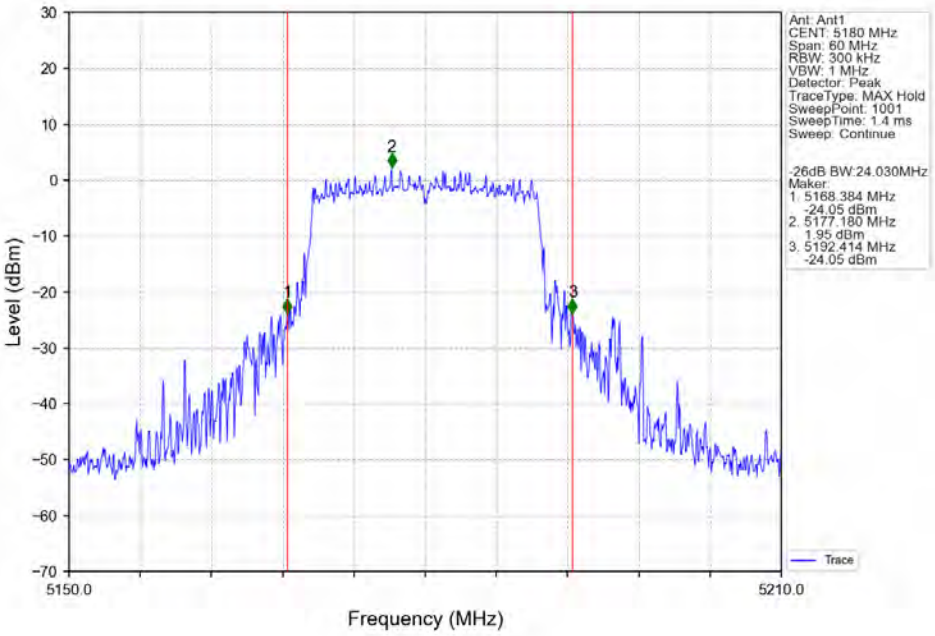
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



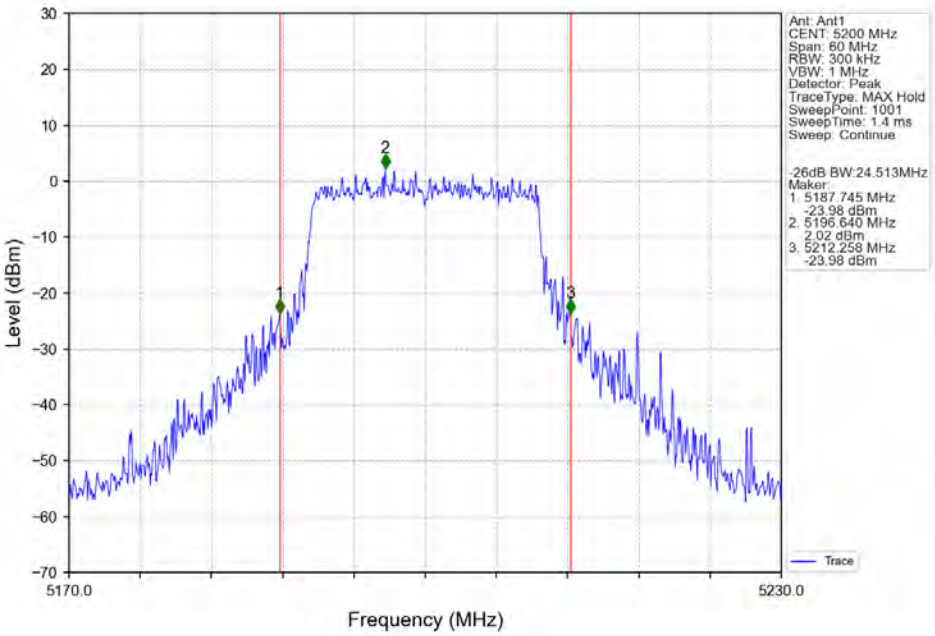
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



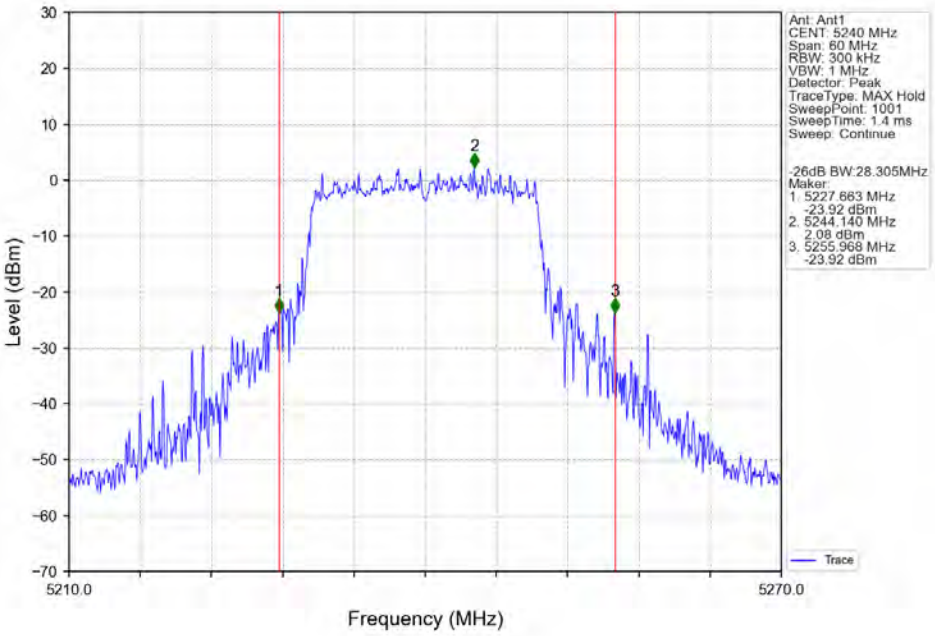
802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant1_NTNV



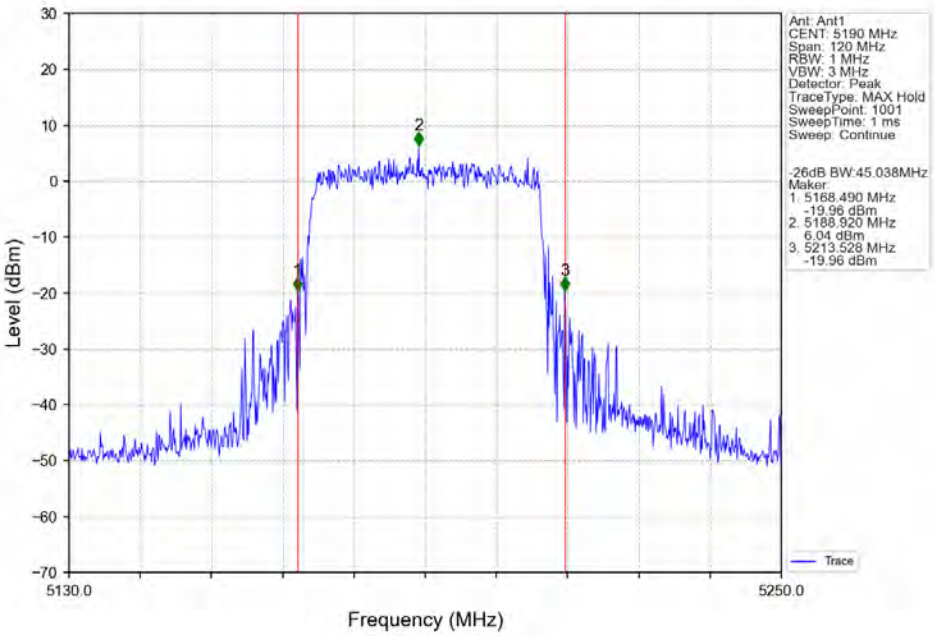
802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant1_NTNV



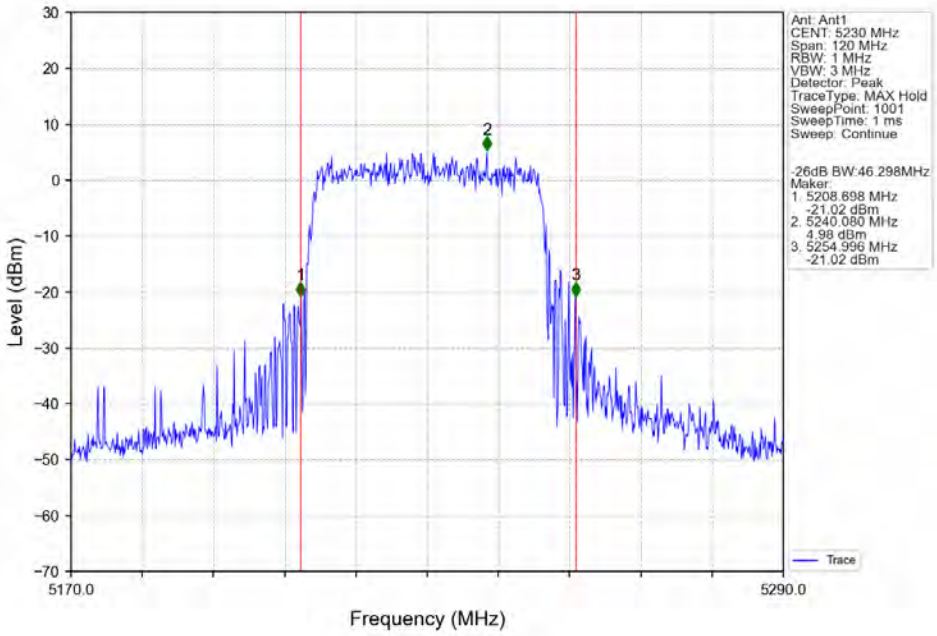
802.11ax(HEW20)_HCH_5240MHz_SU_ / _Ant1_NTNV



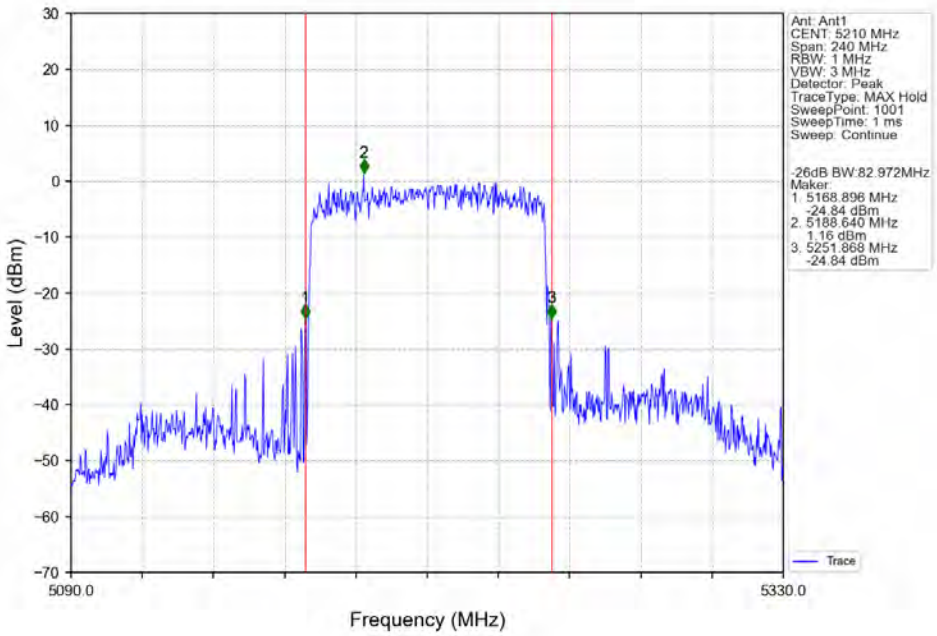
802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV

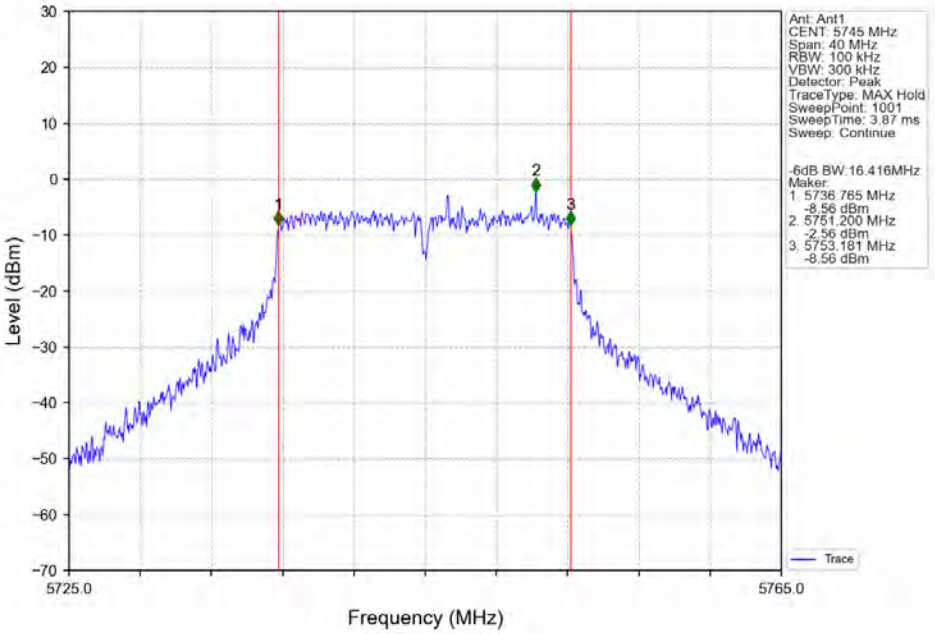


802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV

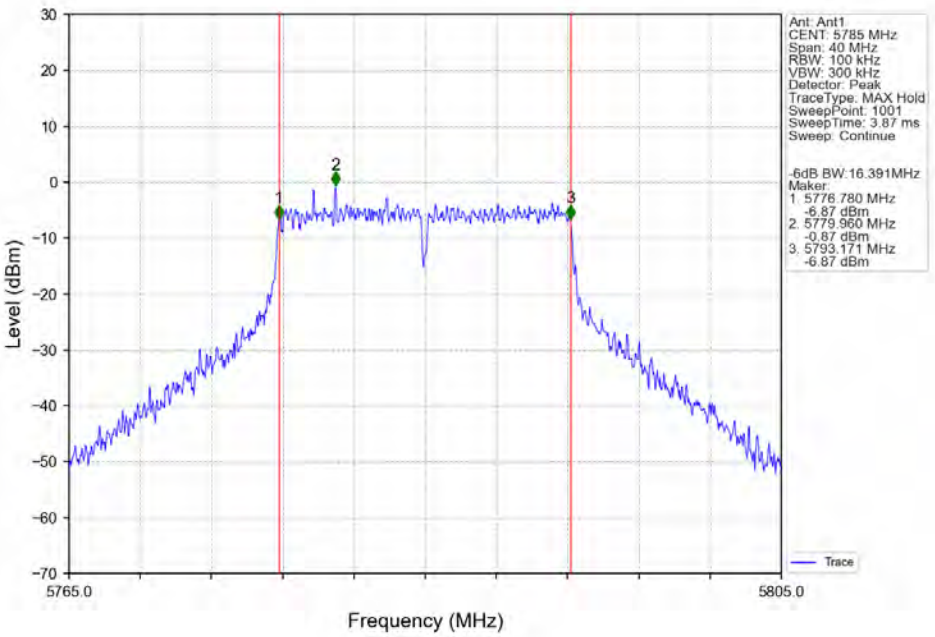


2.2.3 6dB BW

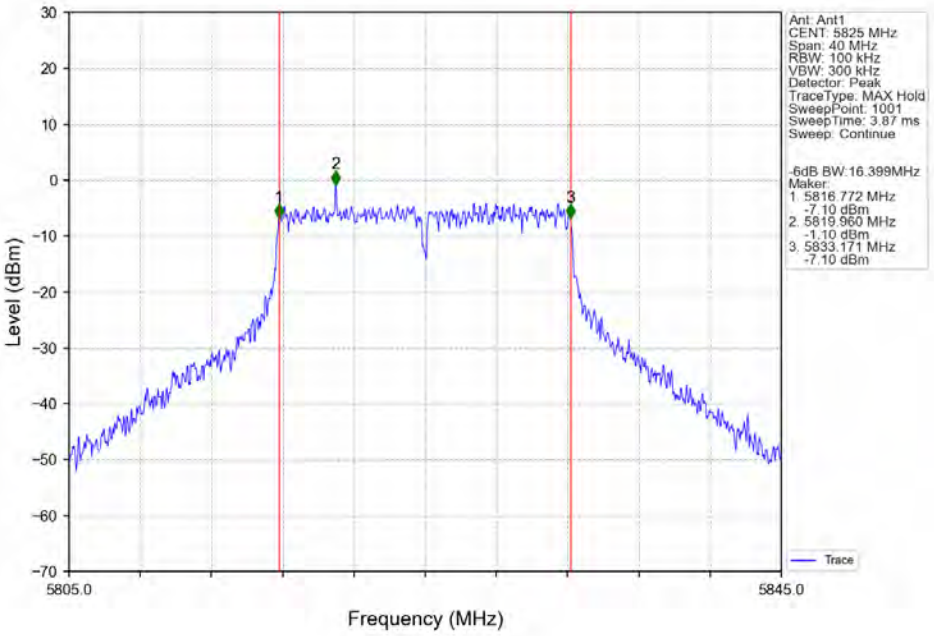
802.11a_LCH_5745MHz_Ant1_NTNV



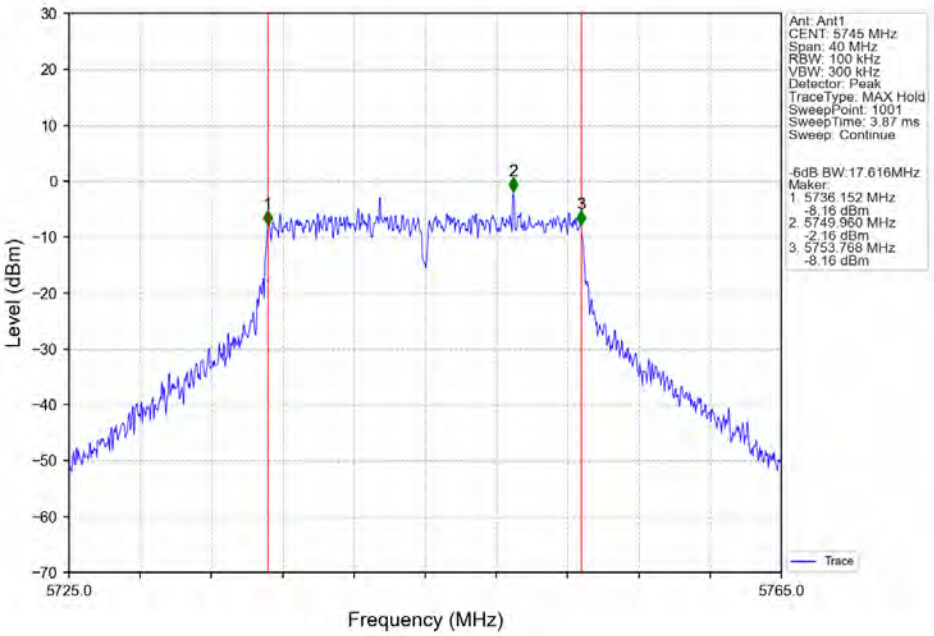
802.11a_MCH_5785MHz_Ant1_NTNV



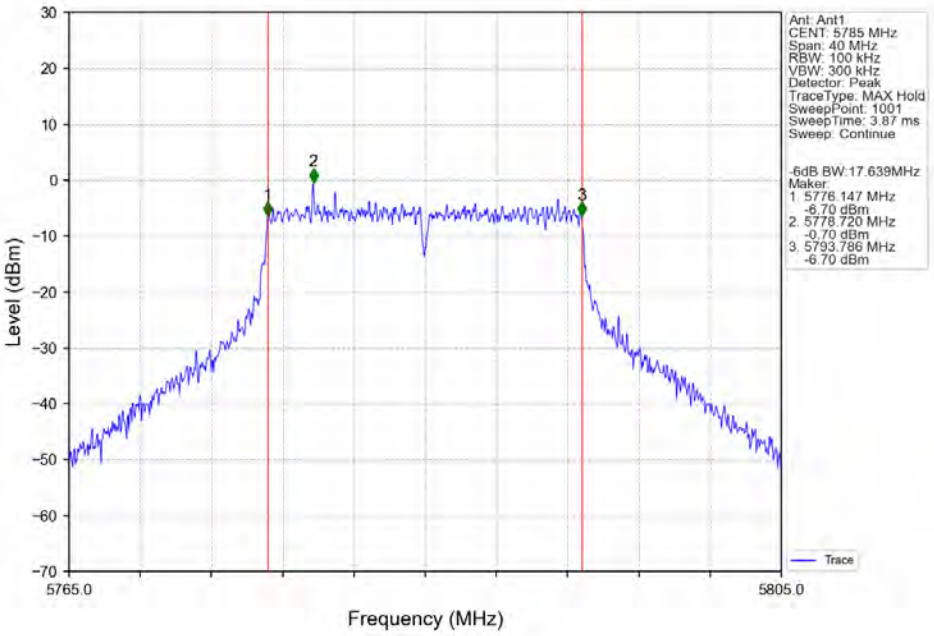
802.11a_HCH_5825MHz_Ant1_NTNV



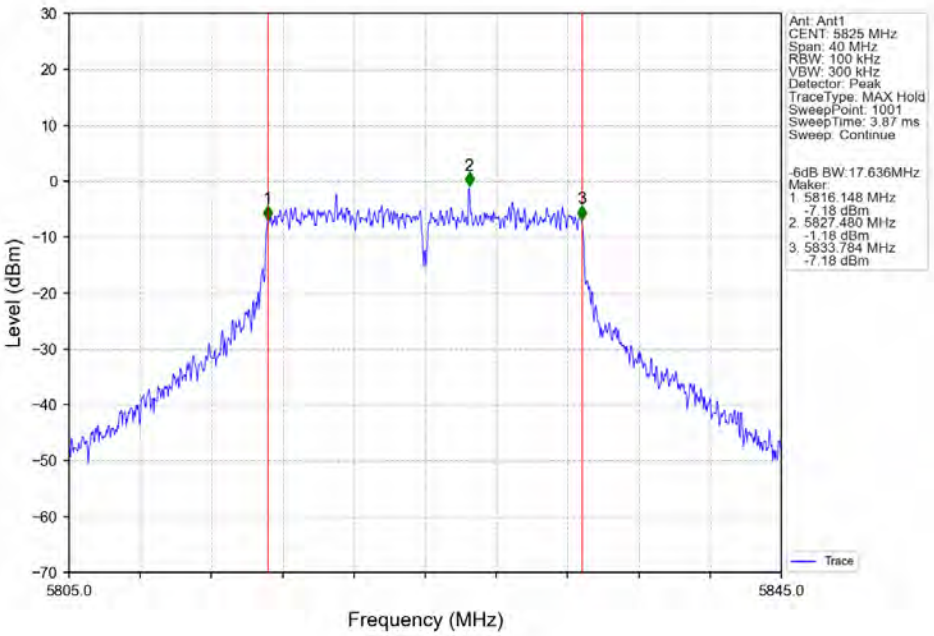
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



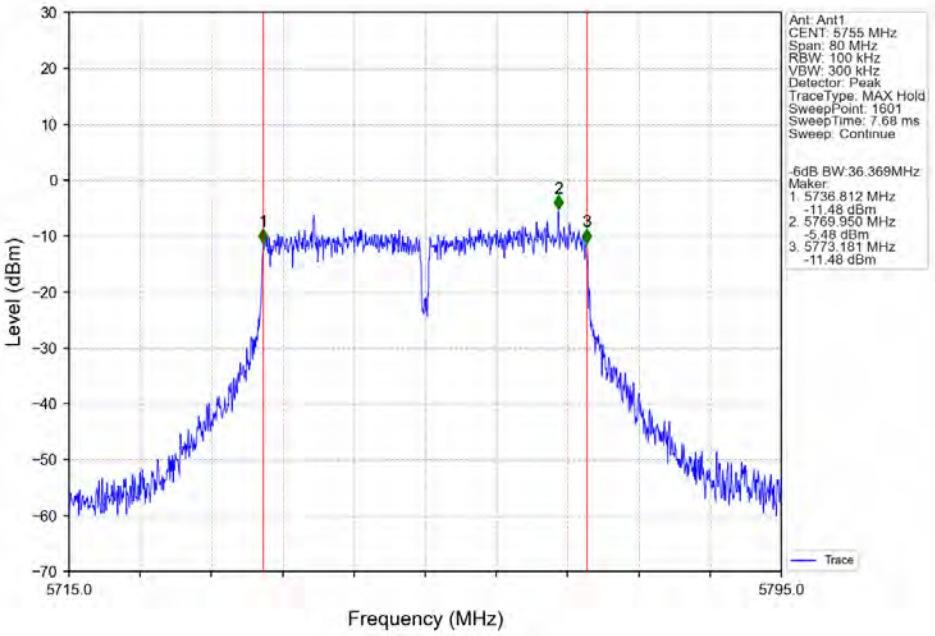
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



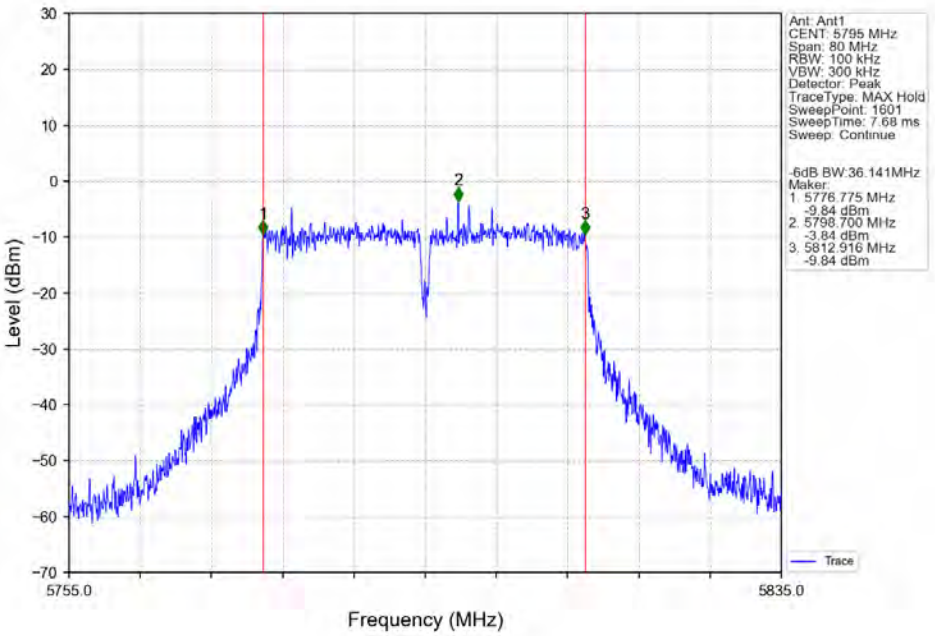
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



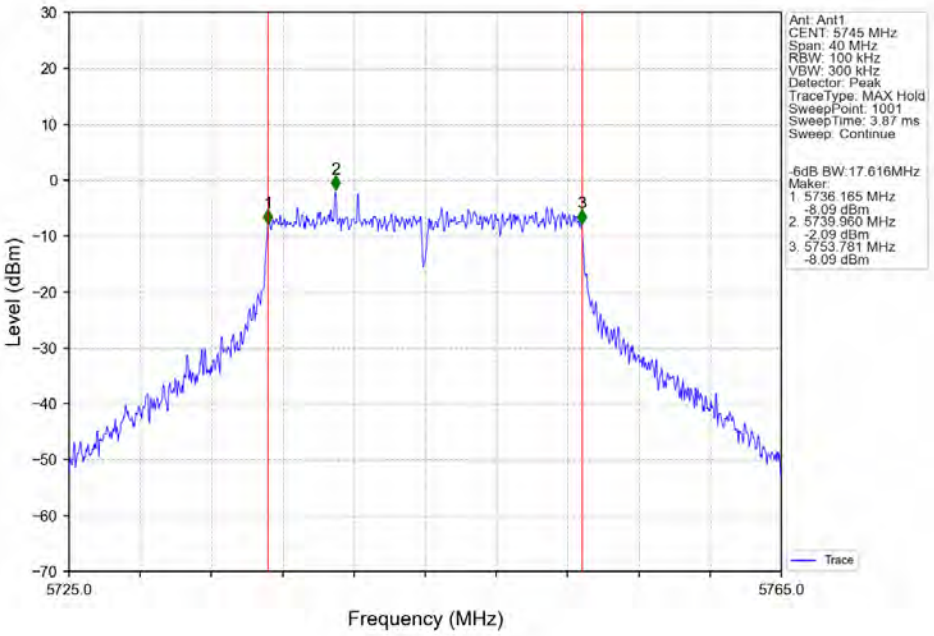
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



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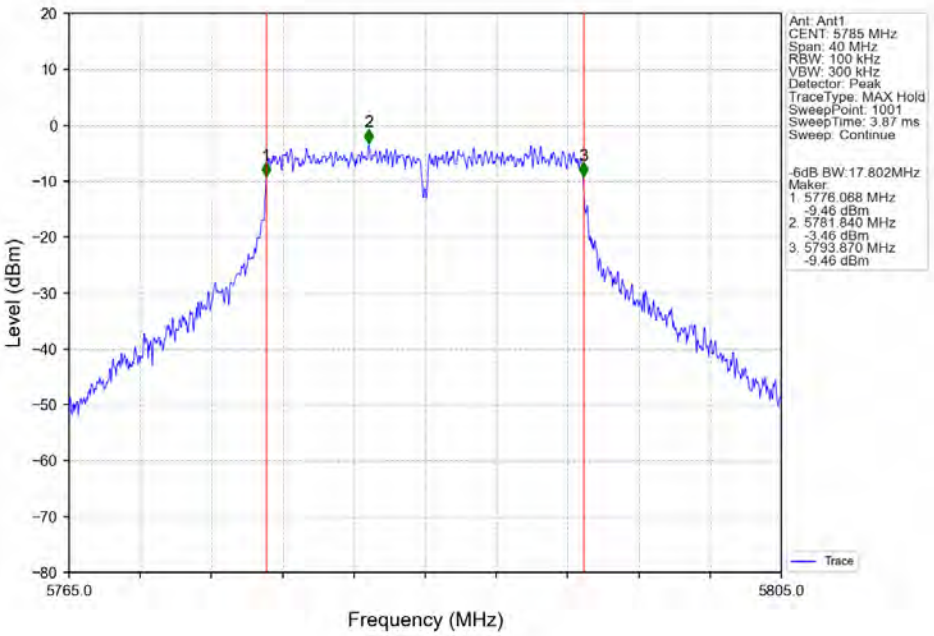
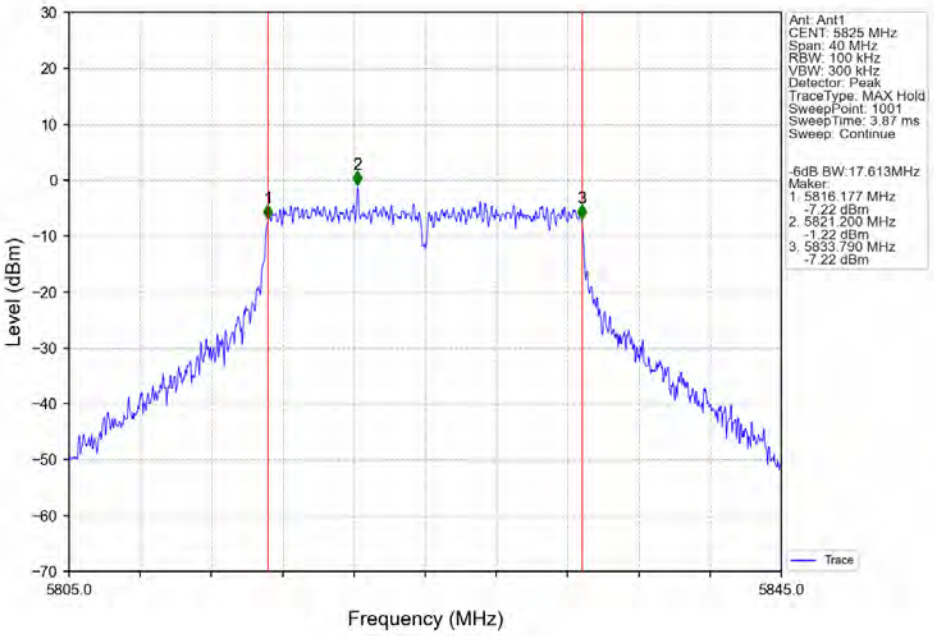
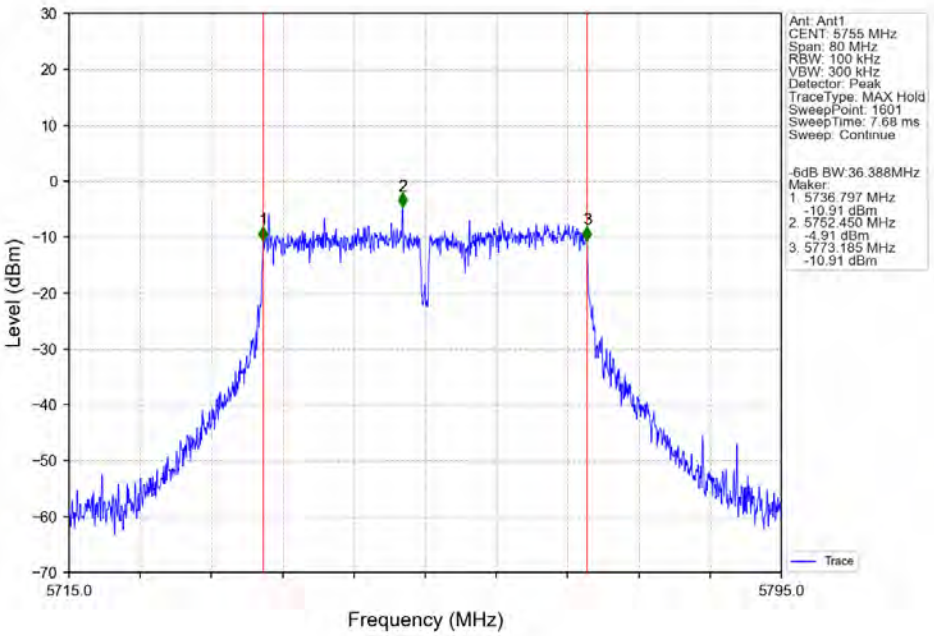


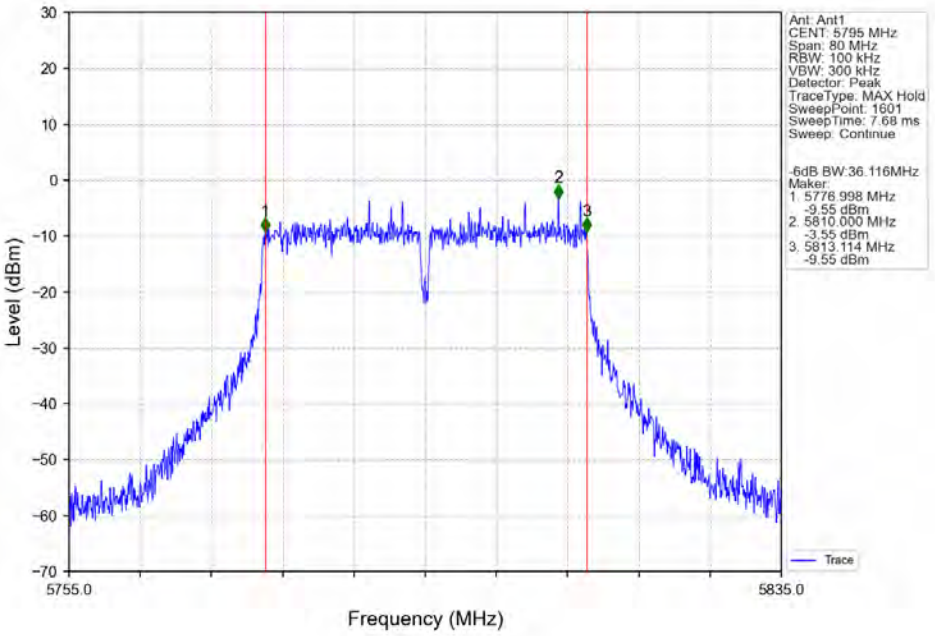
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



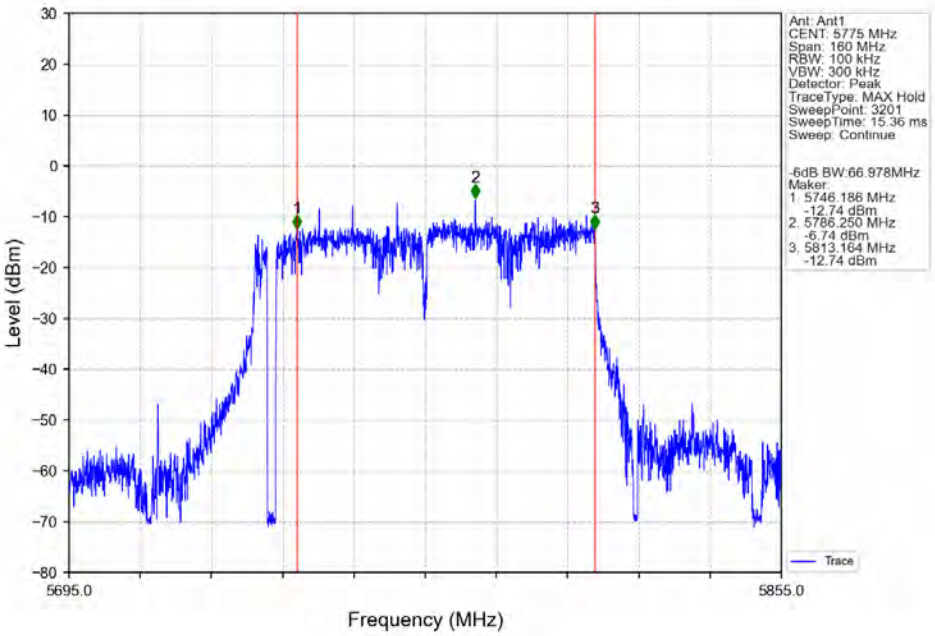
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



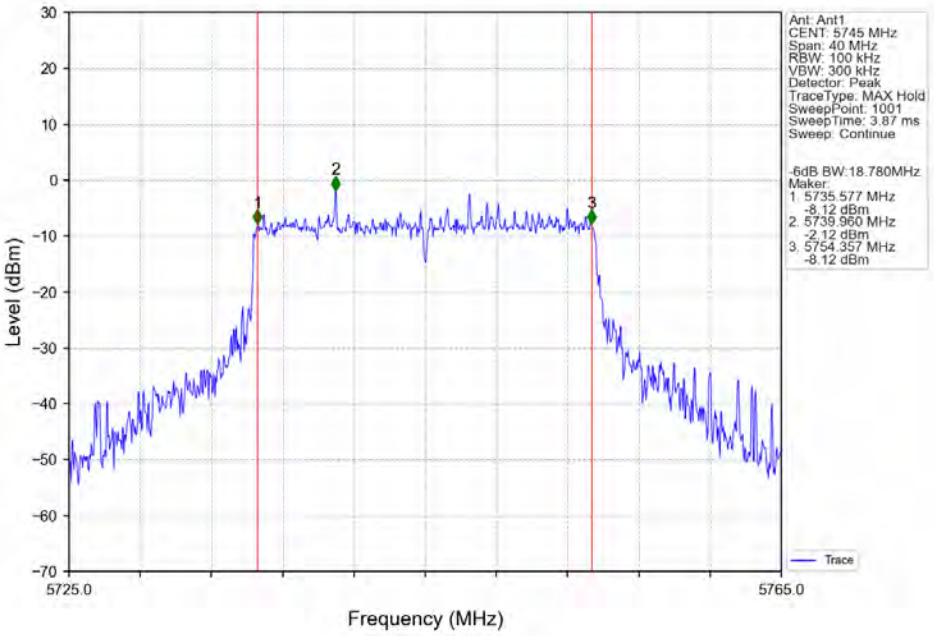
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



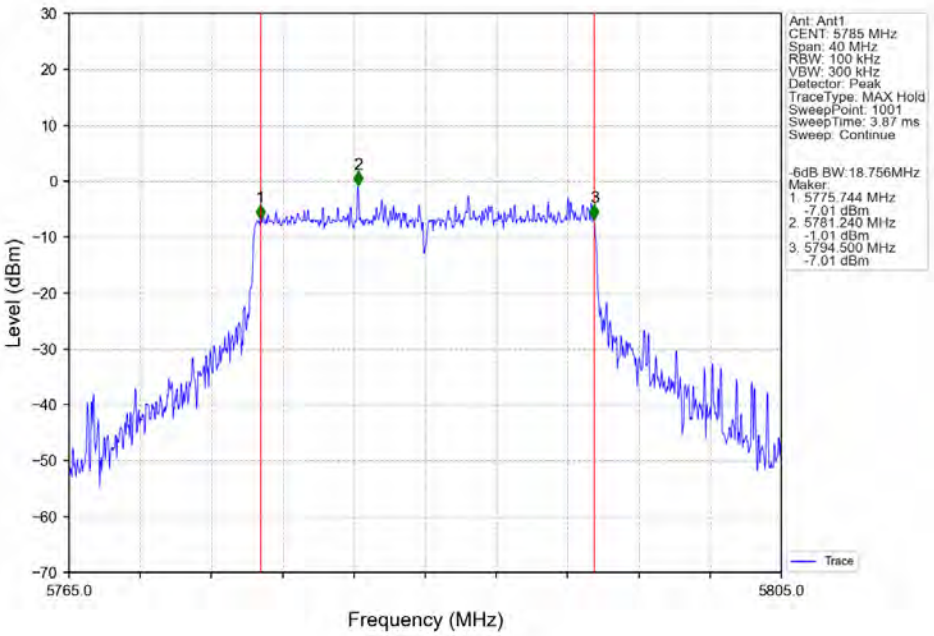
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



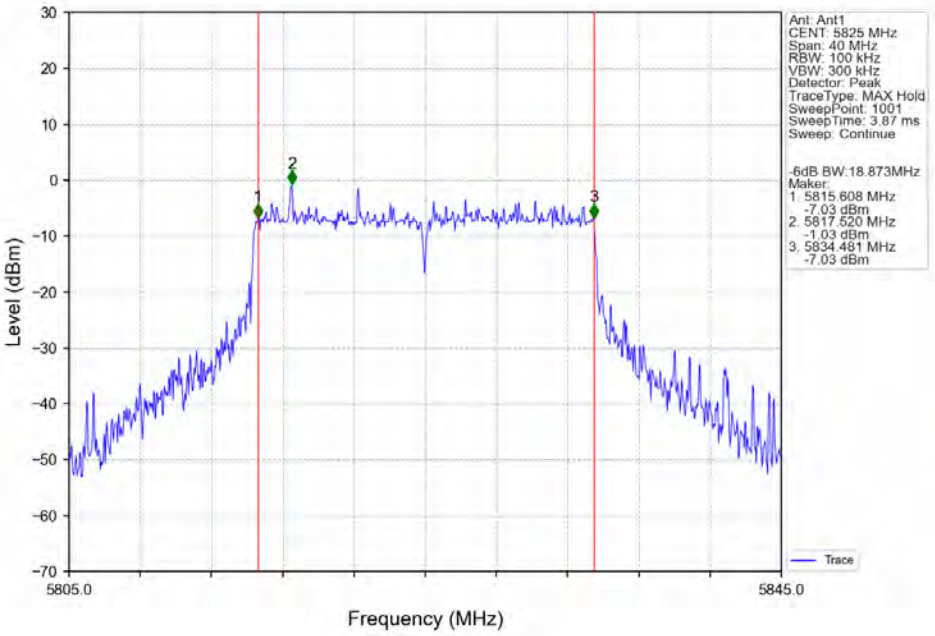
802.11ax(HEW20)_LCH_5745MHz_SU_ / _Ant1_NTNV



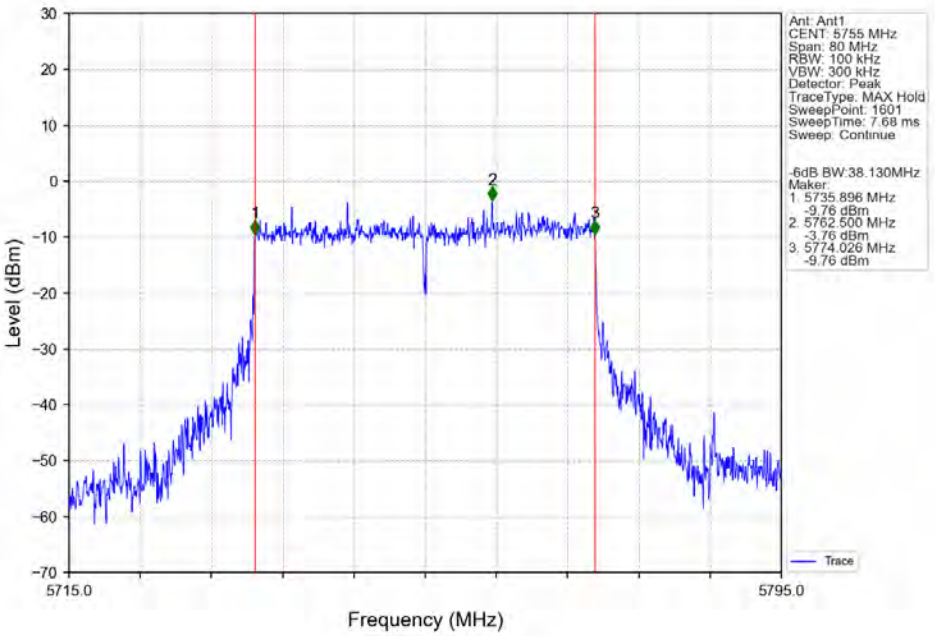
802.11ax(HEW20)_MCH_5785MHz_SU_ / _Ant1_NTNV



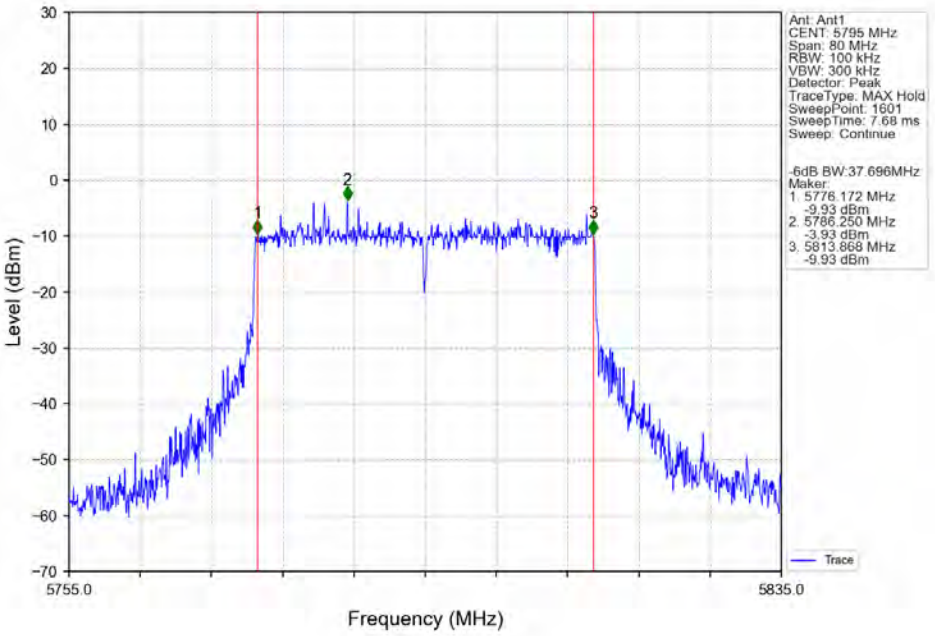
802.11ax(HEW20)_HCH_5825MHz_SU_ / _Ant1_NTNV



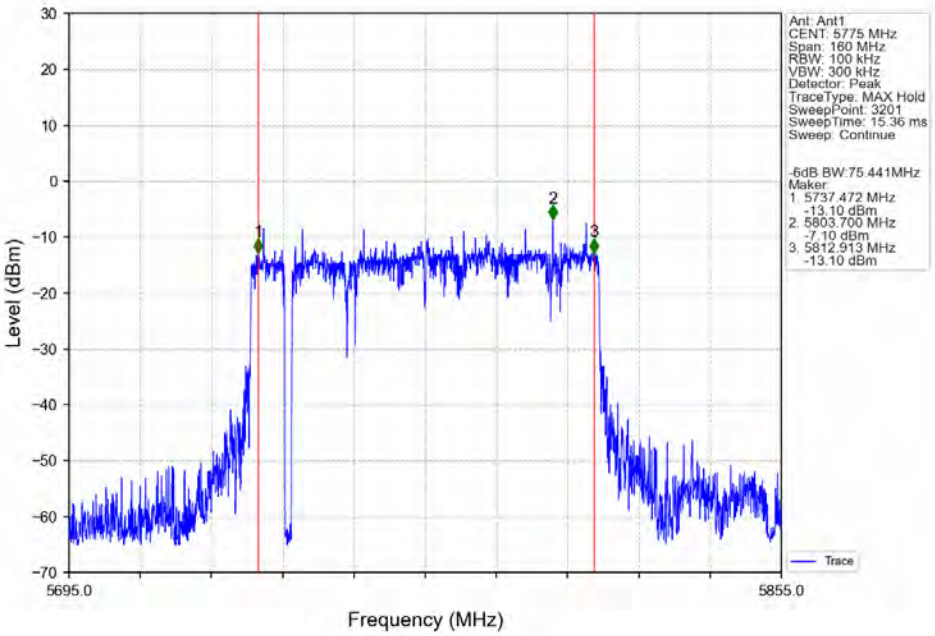
802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_ / _Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

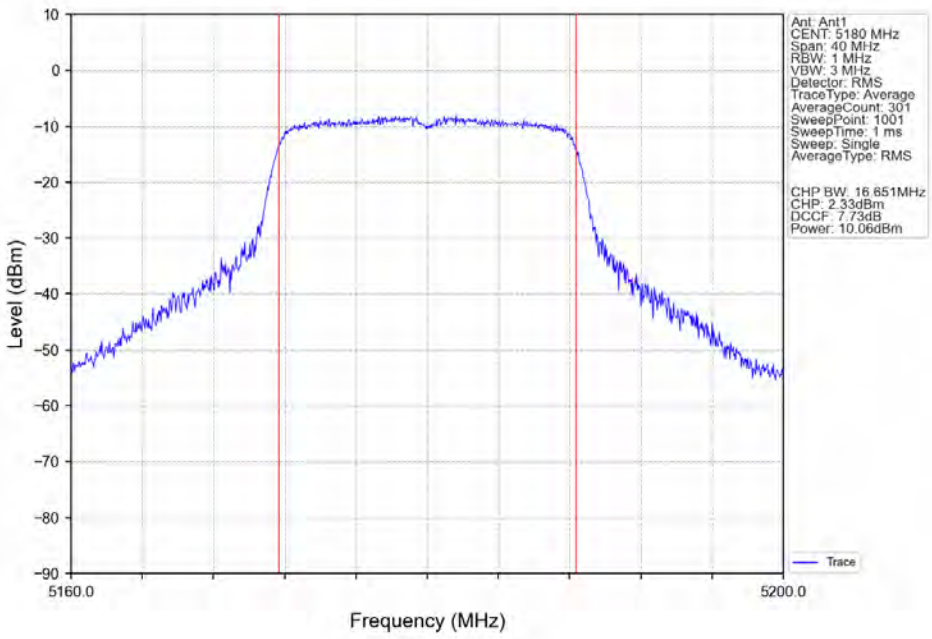
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5180	/	/	10.06	<=23.98	Pass
		5200	/	/	9.82	<=23.98	Pass
		5240	/	/	10.88	<=23.98	Pass
		5745	/	/	10.53	<=30	Pass
		5785	/	/	9.27	<=30	Pass
		5825	/	/	9.65	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	10.69	<=23.98	Pass
		5200	/	/	9.80	<=23.98	Pass
		5240	/	/	9.41	<=23.98	Pass
		5745	/	/	9.77	<=30	Pass
		5785	/	/	11.30	<=30	Pass
		5825	/	/	10.65	<=30	Pass
802.11n (HT40)	SISO	5190	/	/	10.74	<=23.98	Pass
		5230	/	/	10.54	<=23.98	Pass
		5755	/	/	9.95	<=30	Pass
		5795	/	/	10.52	<=30	Pass
802.11ac (VHT20)	SISO	5180	/	/	11.10	<=23.98	Pass
		5200	/	/	10.23	<=23.98	Pass
		5240	/	/	10.64	<=23.98	Pass
		5745	/	/	9.62	<=30	Pass
		5785	/	/	10.05	<=30	Pass
		5825	/	/	11.18	<=30	Pass
802.11ac (VHT40)	SISO	5190	/	/	10.47	<=23.98	Pass
		5230	/	/	10.80	<=23.98	Pass
		5755	/	/	9.90	<=30	Pass
		5795	/	/	10.60	<=30	Pass
802.11ac (VHT80)	SISO	5210	/	/	11.33	<=23.98	Pass
		5775	/	/	10.89	<=30	Pass
802.11ax (HEW20)	SISO	5180	SU	/	10.53	<=23.98	Pass
		5200	SU	/	9.89	<=23.98	Pass
		5240	SU	/	10.86	<=23.98	Pass
		5745	SU	/	9.24	<=30	Pass
		5785	SU	/	10.63	<=30	Pass
		5825	SU	/	10.00	<=30	Pass
802.11ax (HEW40)	SISO	5190	SU	/	9.89	<=23.98	Pass
		5230	SU	/	11.07	<=23.98	Pass
		5755	SU	/	12.25	<=30	Pass
		5795	SU	/	10.07	<=30	Pass
802.11ax (HEW80)	SISO	5210	SU	/	11.24	<=23.98	Pass
		5775	SU	/	9.55	<=30	Pass

Note1: Antenna Gain:
- Band: 3 Ant1: 2.82dBi;
- Band: 1 Ant1: 2.82dBi;

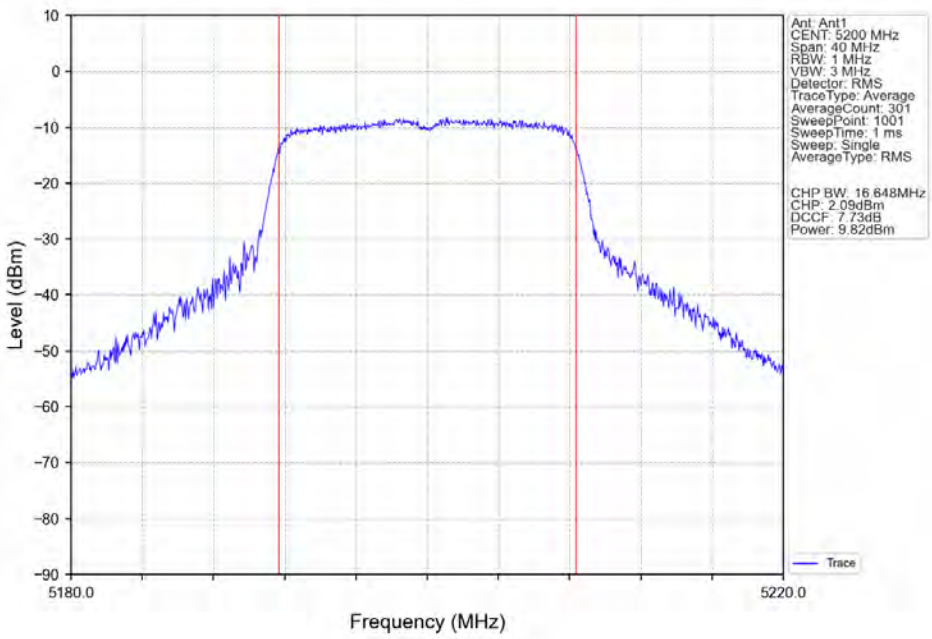
3.2 Test Graph

3.2.1 Power

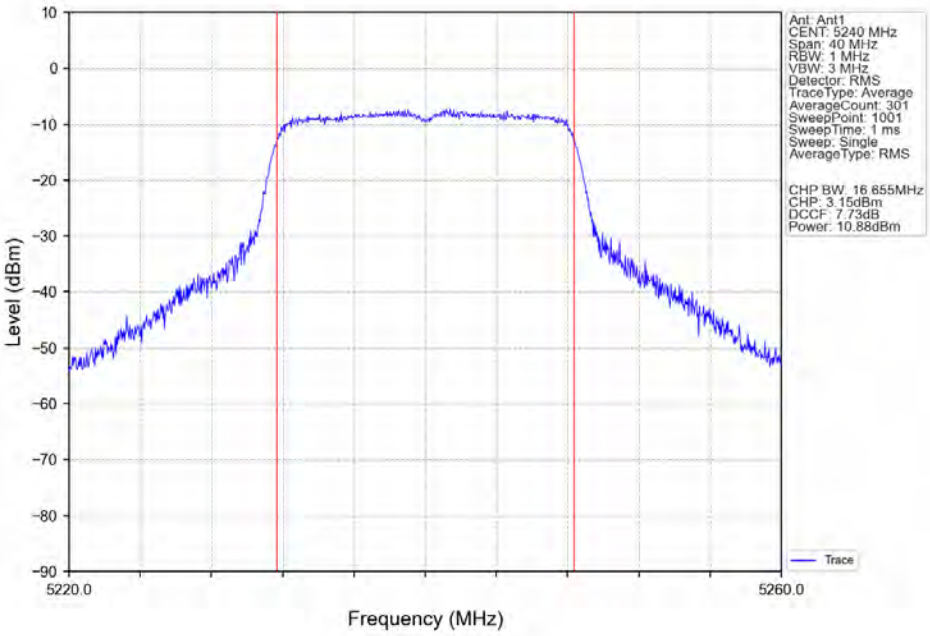
802.11a_LCH_5180MHz_Ant1_NTNV



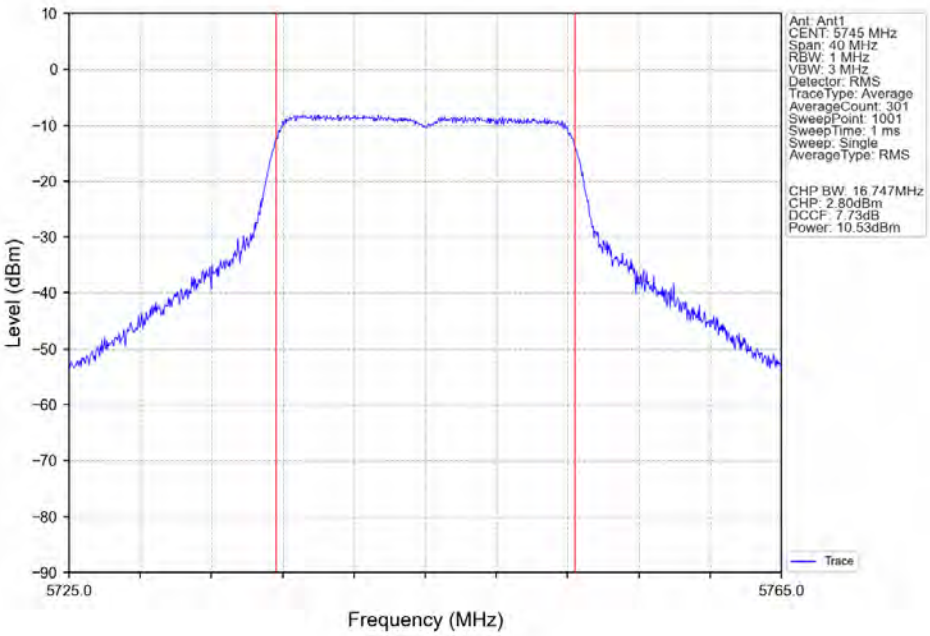
802.11a_MCH_5200MHz_Ant1_NTNV



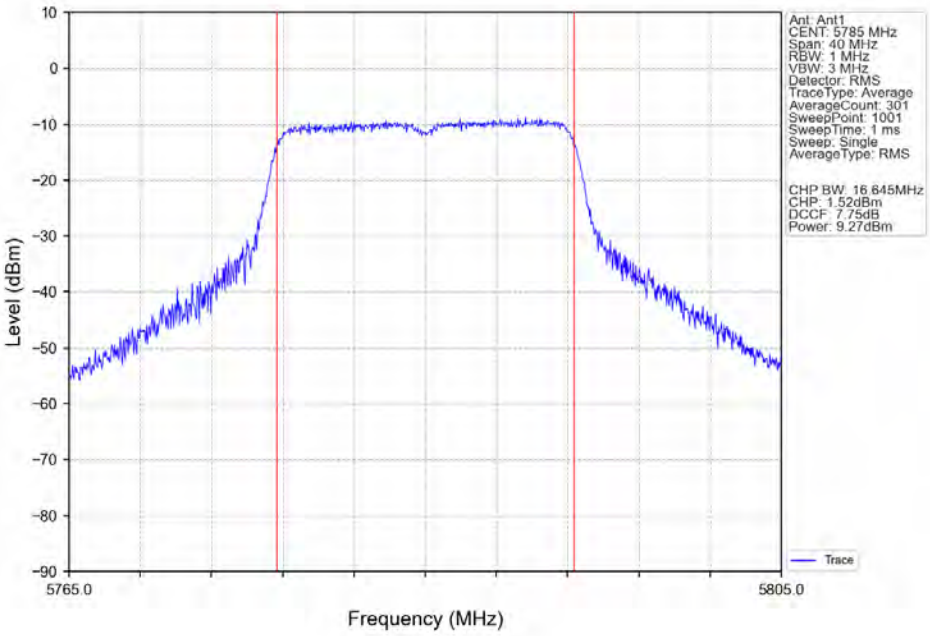
802.11a_HCH_5240MHz_Ant1_NTNV



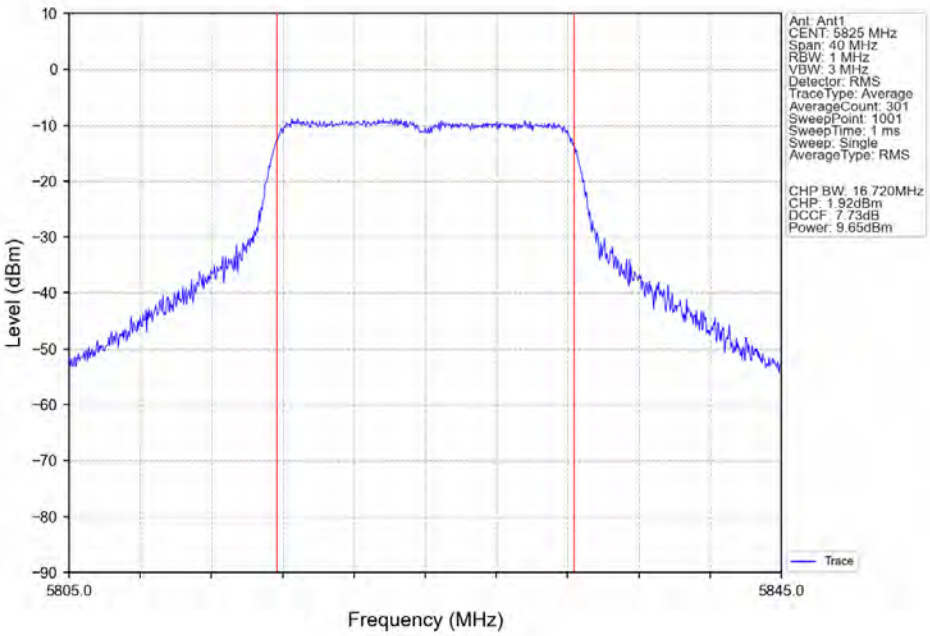
802.11a_LCH_5745MHz_Ant1_NTNV



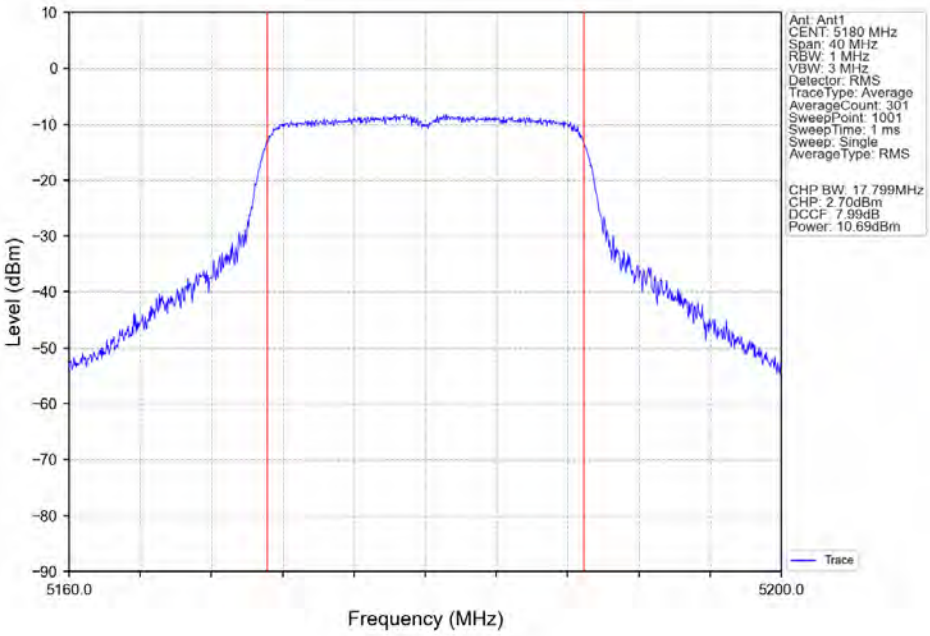
802.11a_MCH_5785MHz_Ant1_NTNV



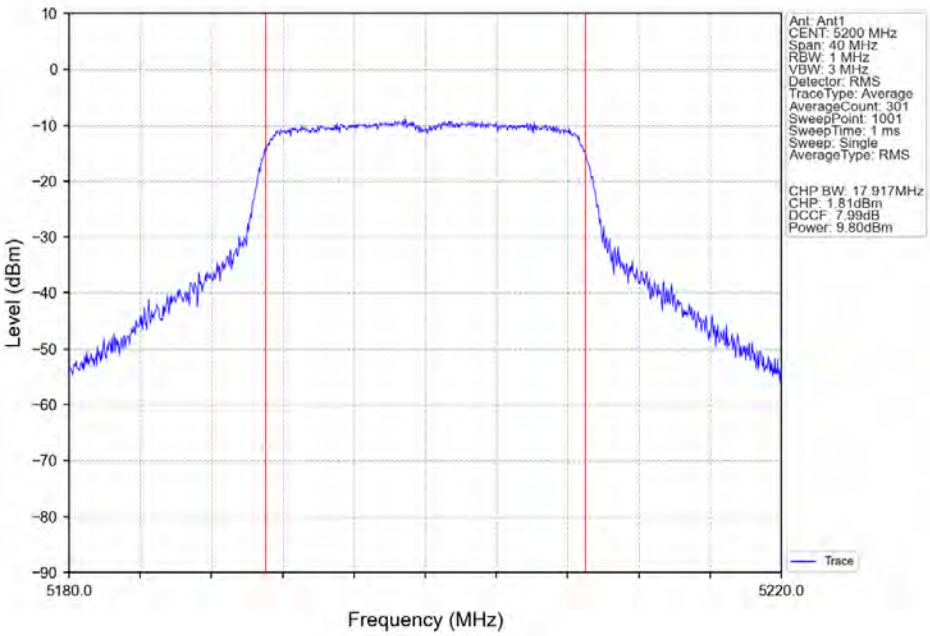
802.11a_HCH_5825MHz_Ant1_NTNV



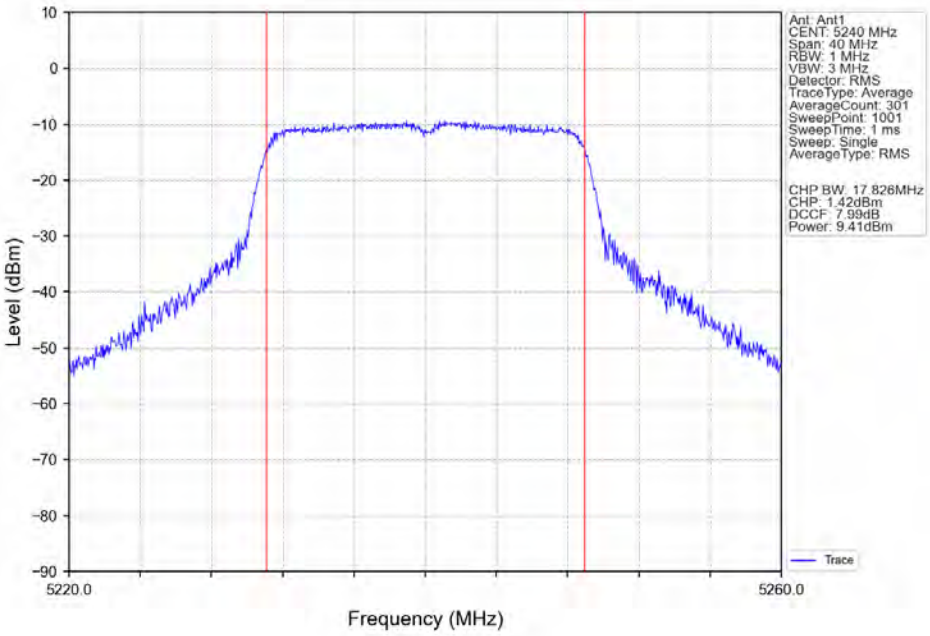
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



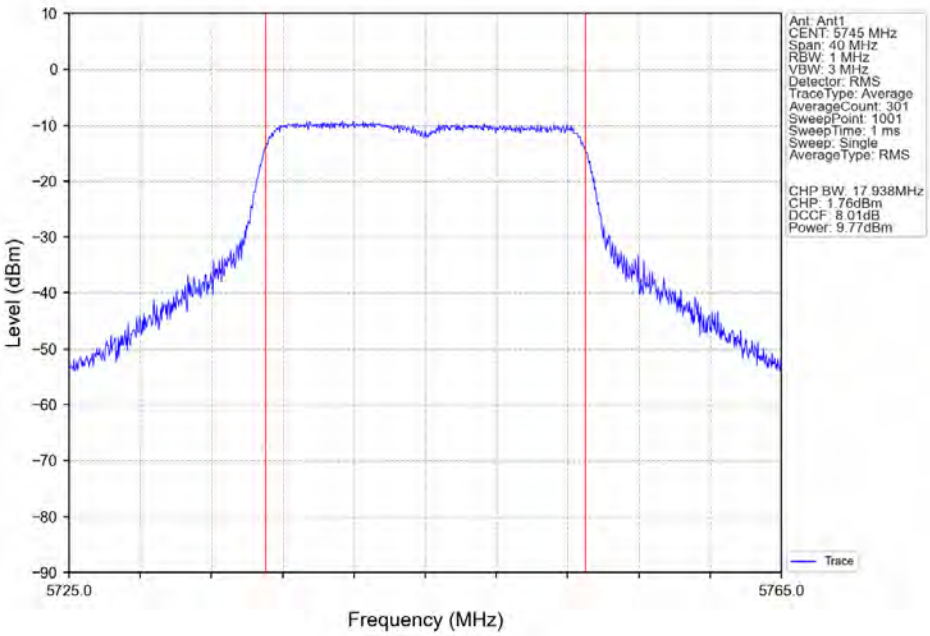
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



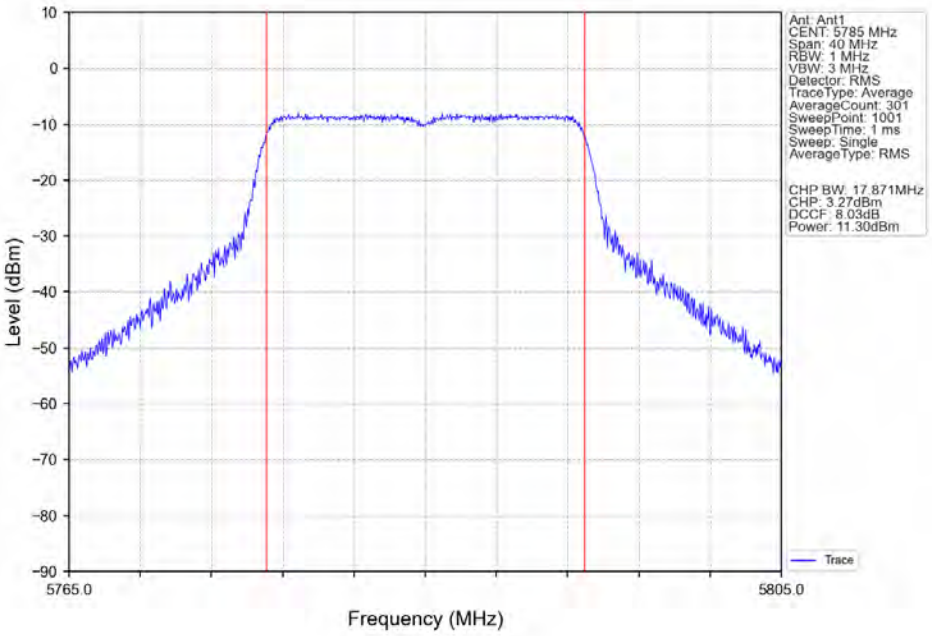
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



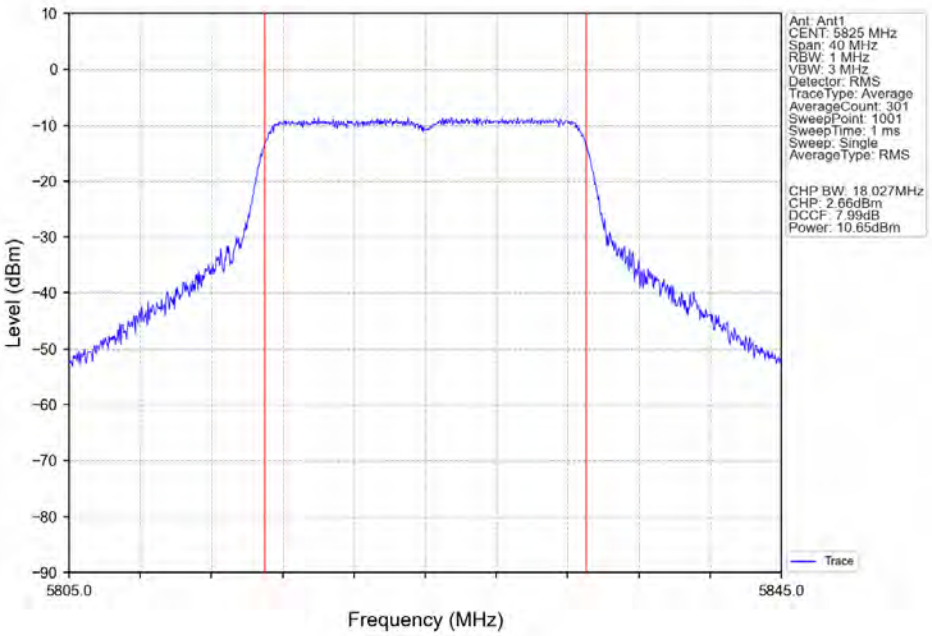
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



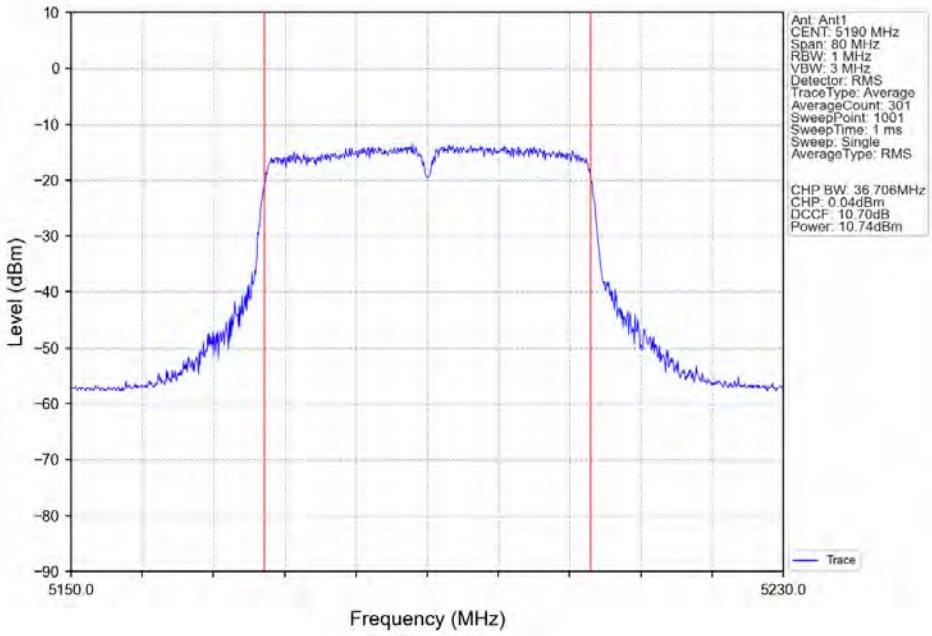
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



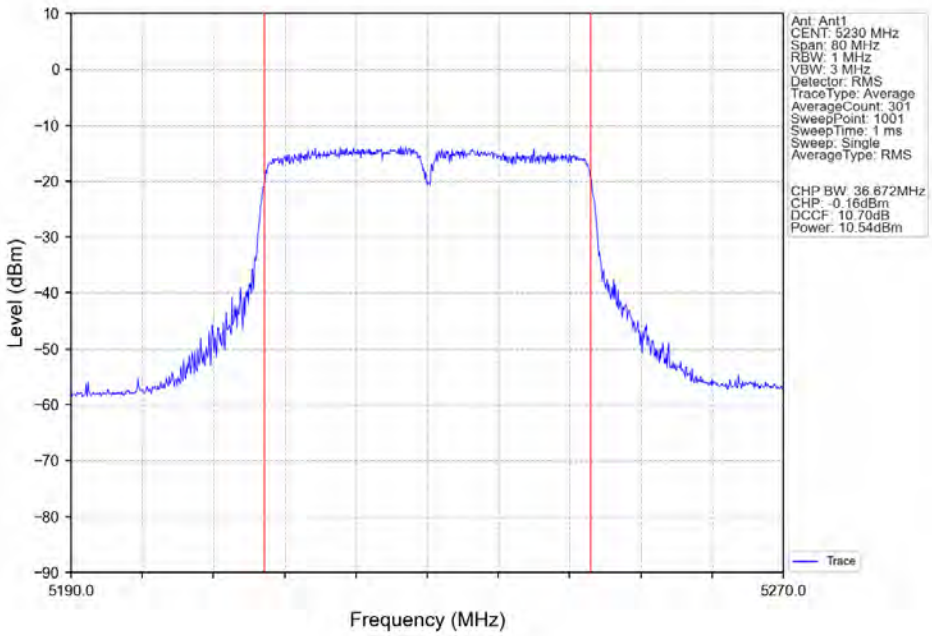
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



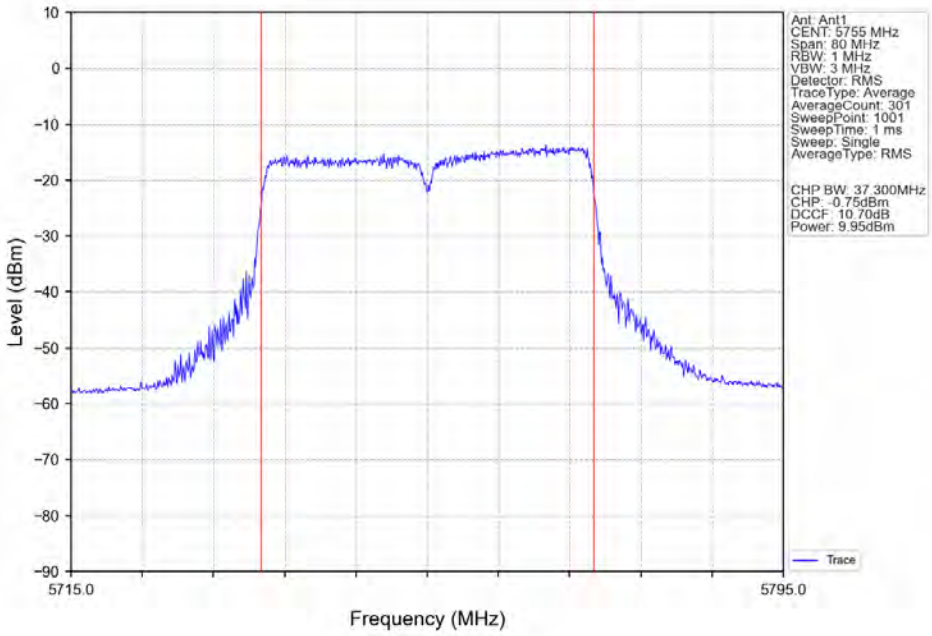
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



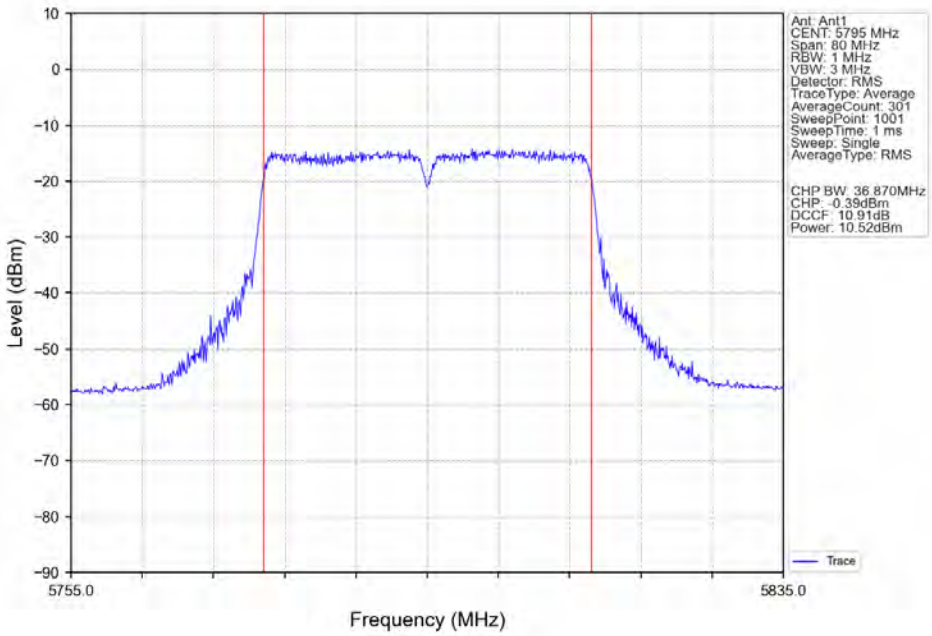
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



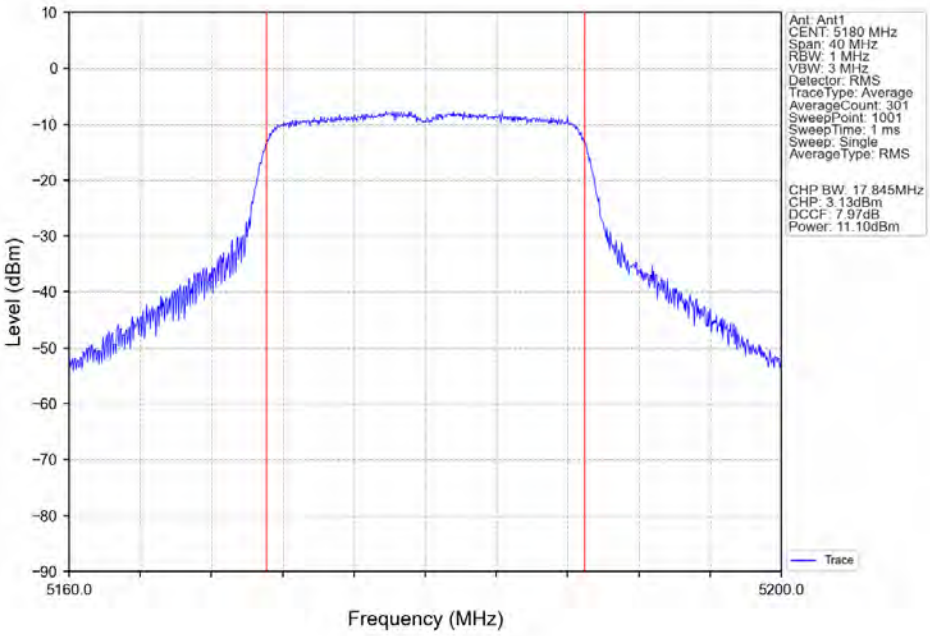
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



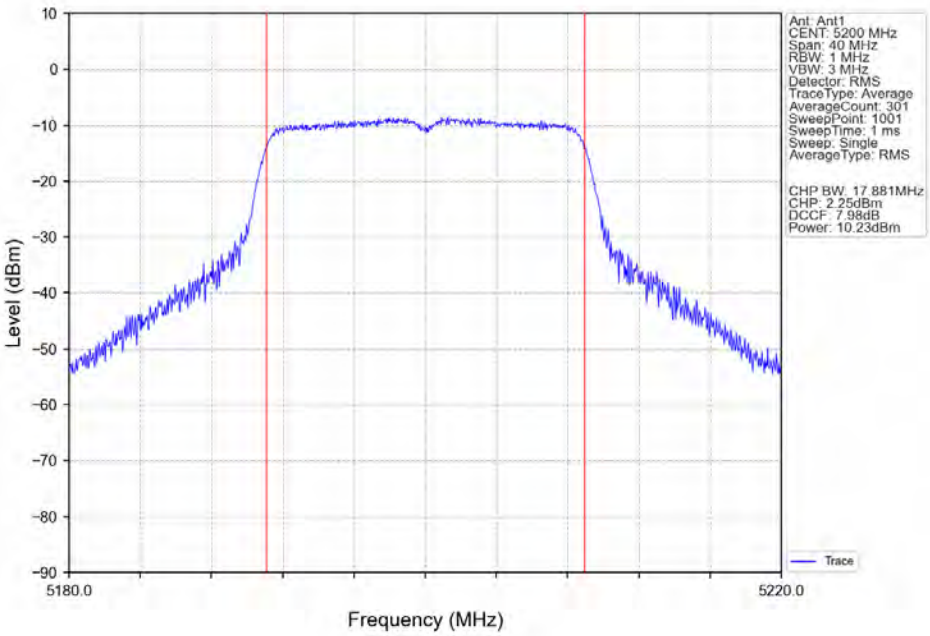
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



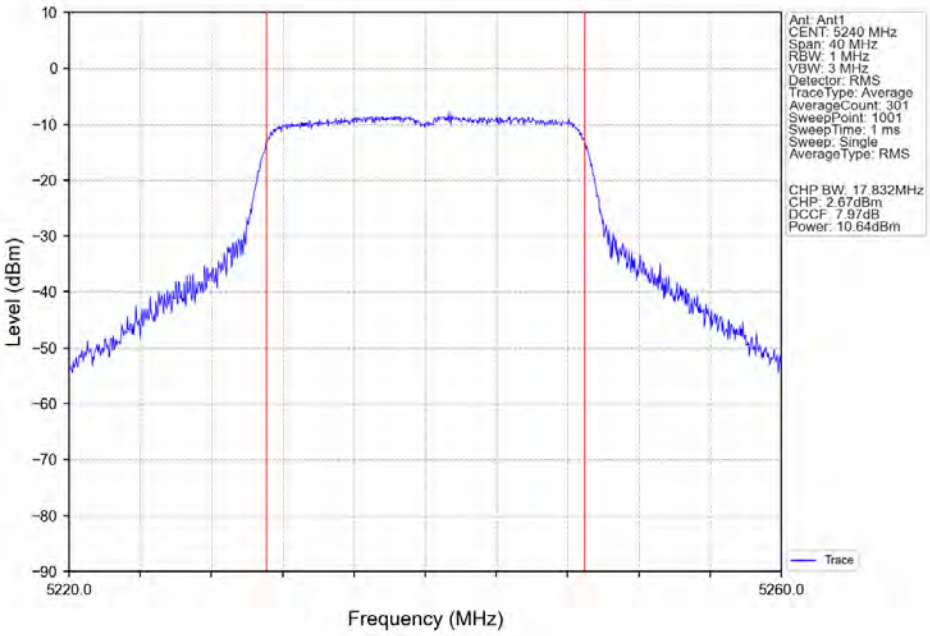
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



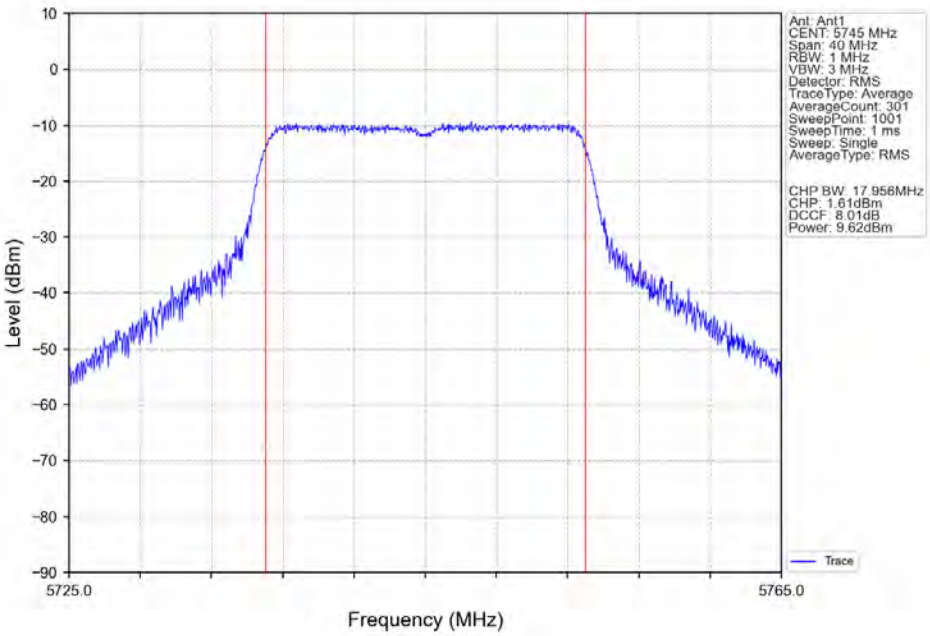
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



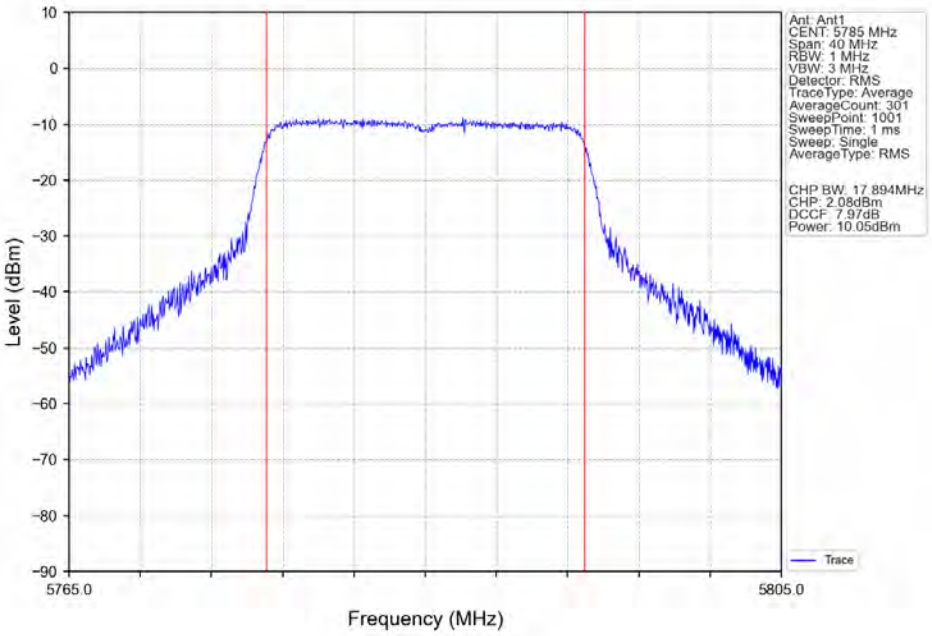
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



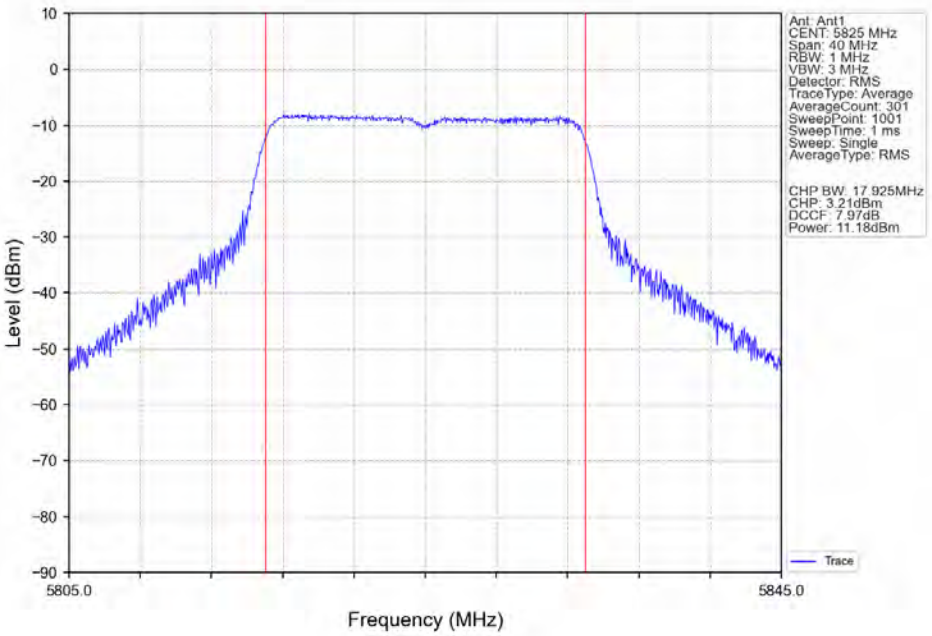
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



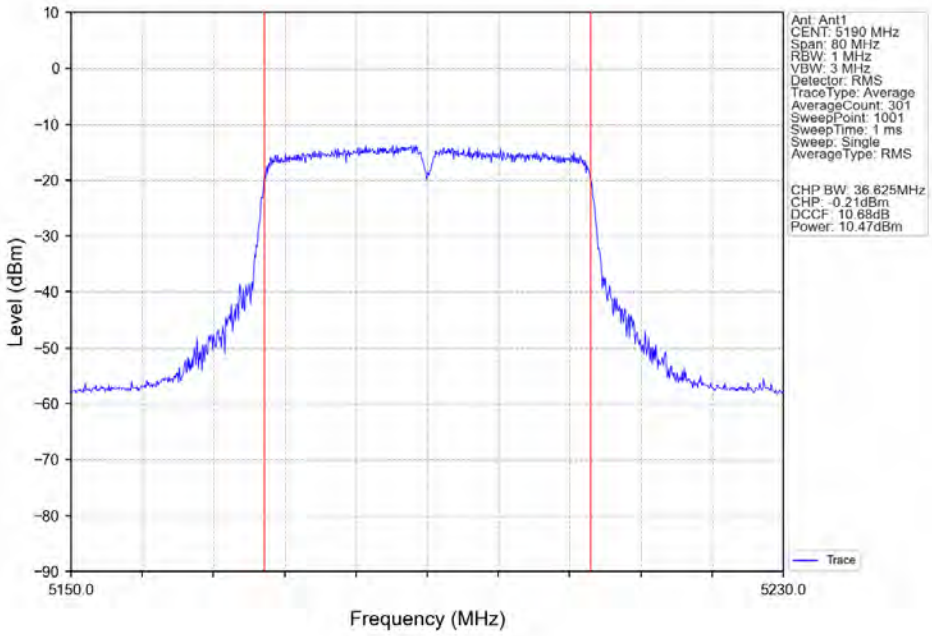
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



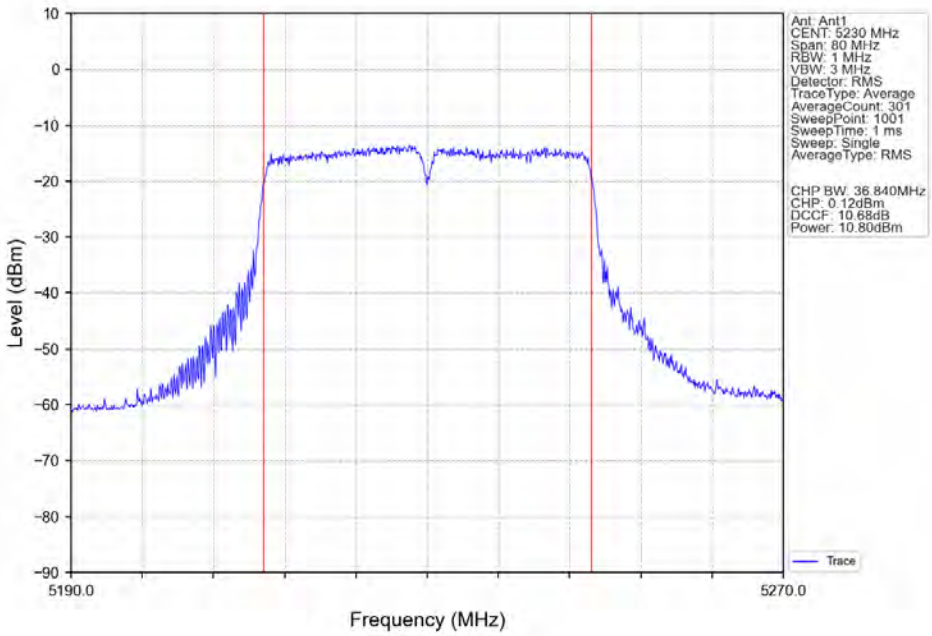
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



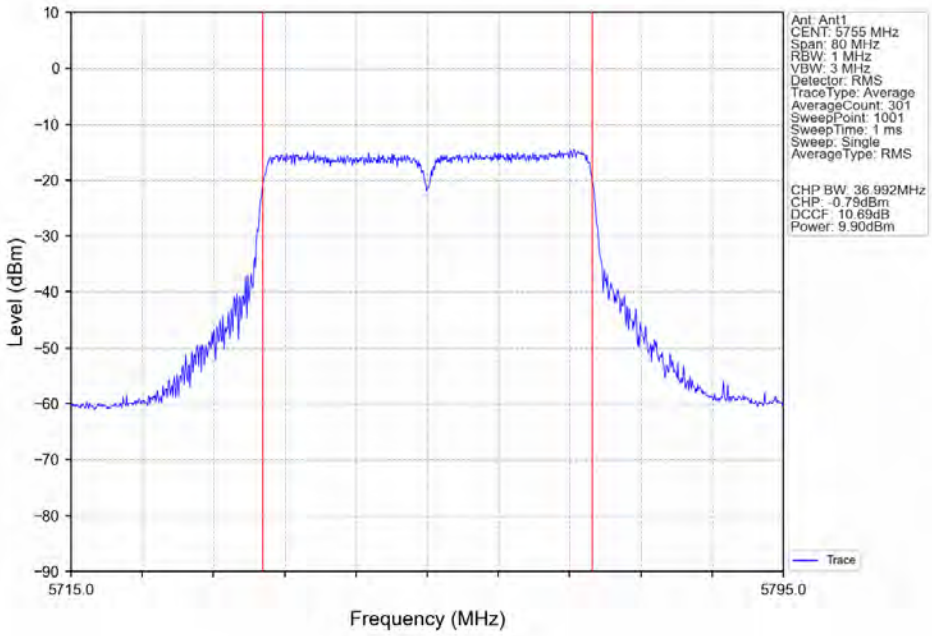
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



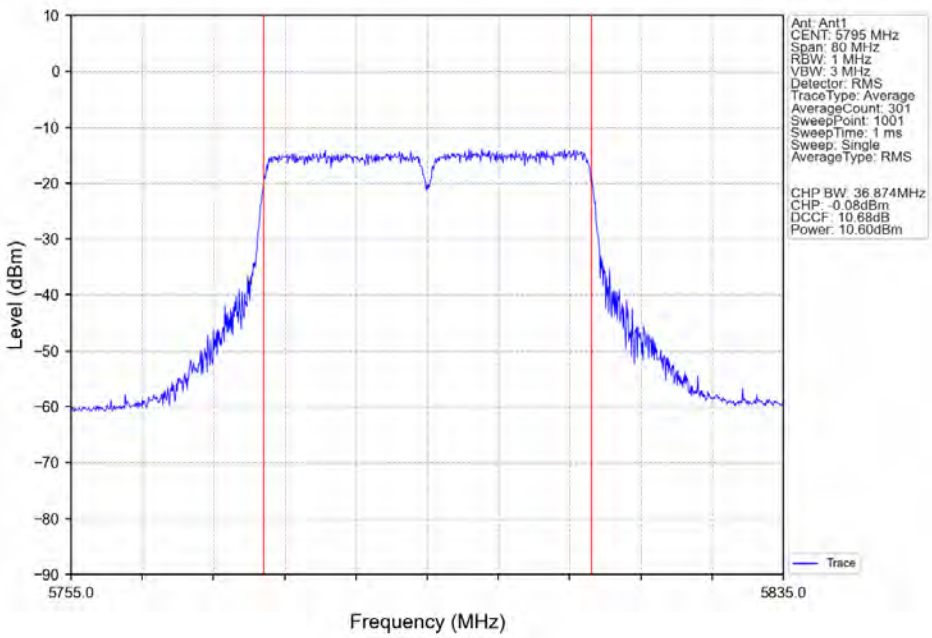
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



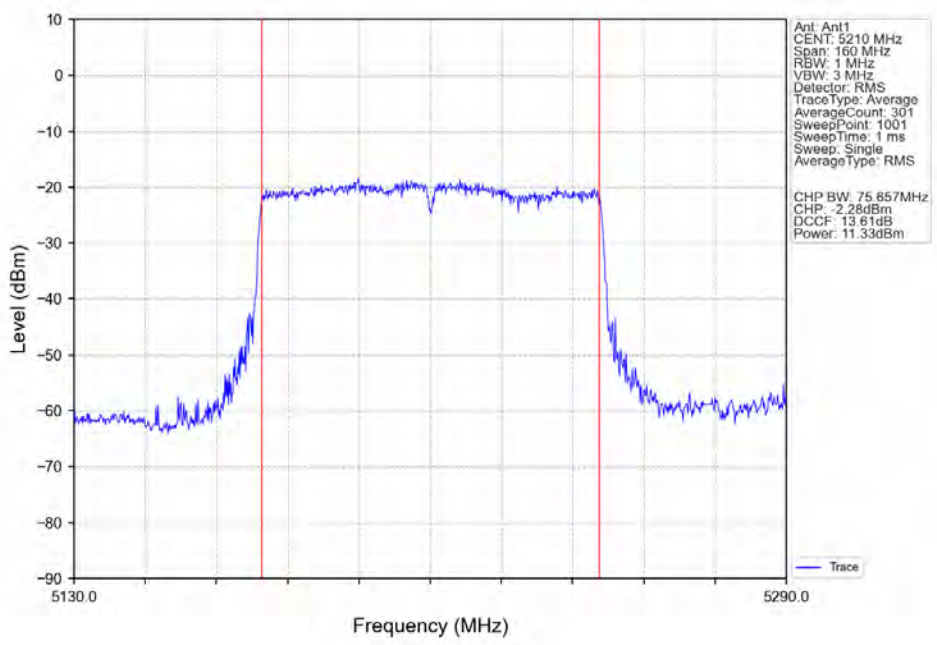
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



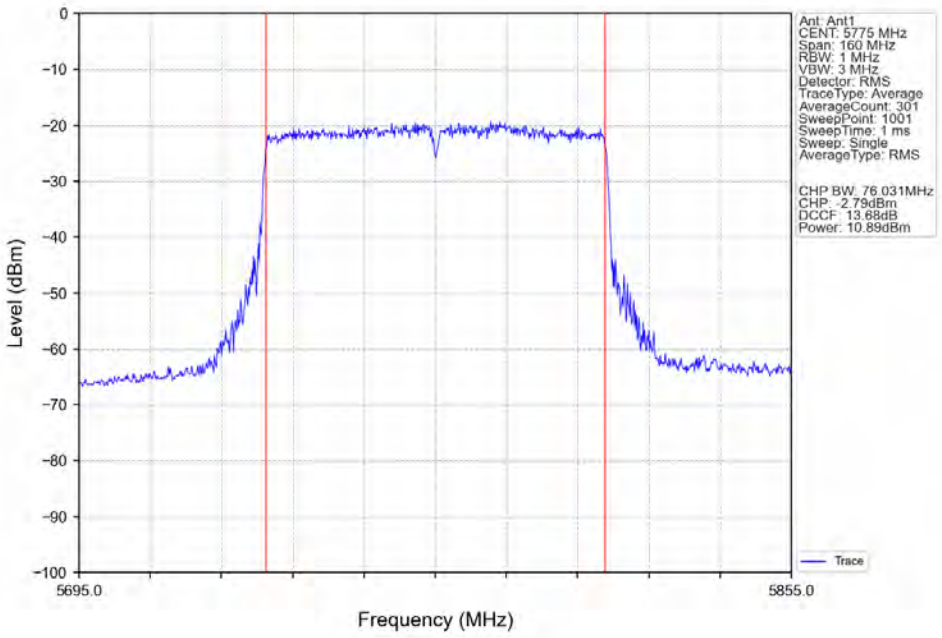
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



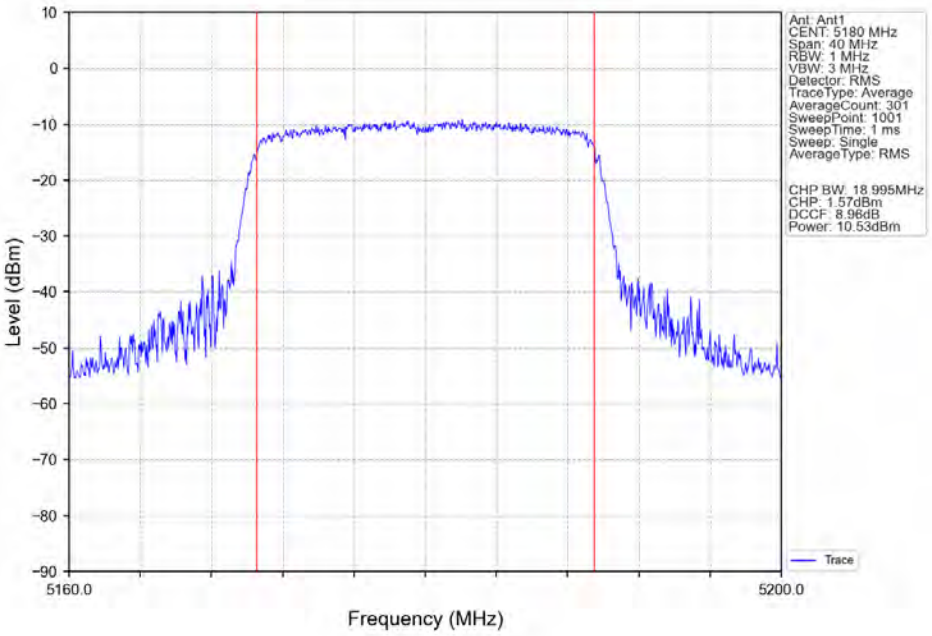
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



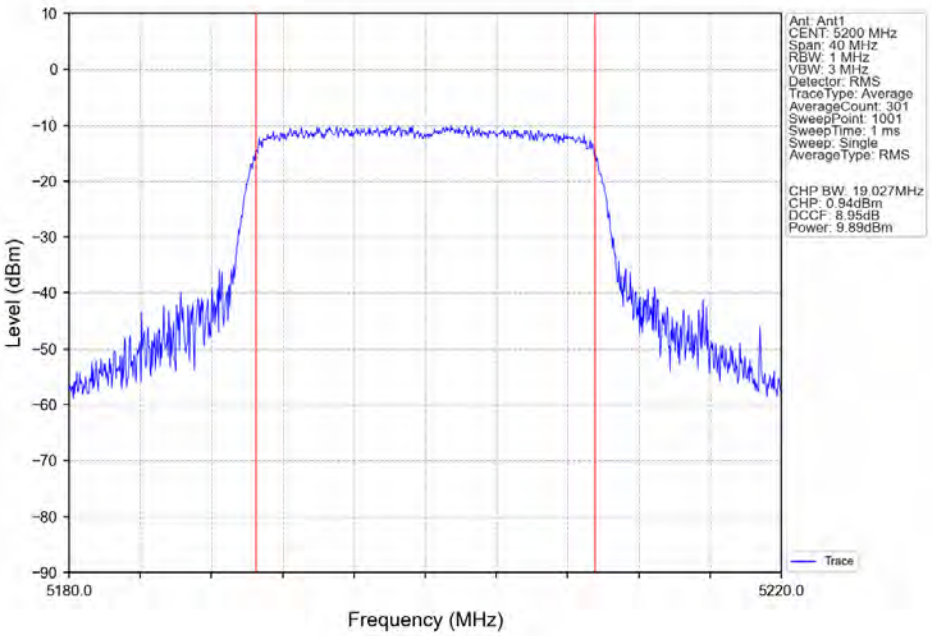
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



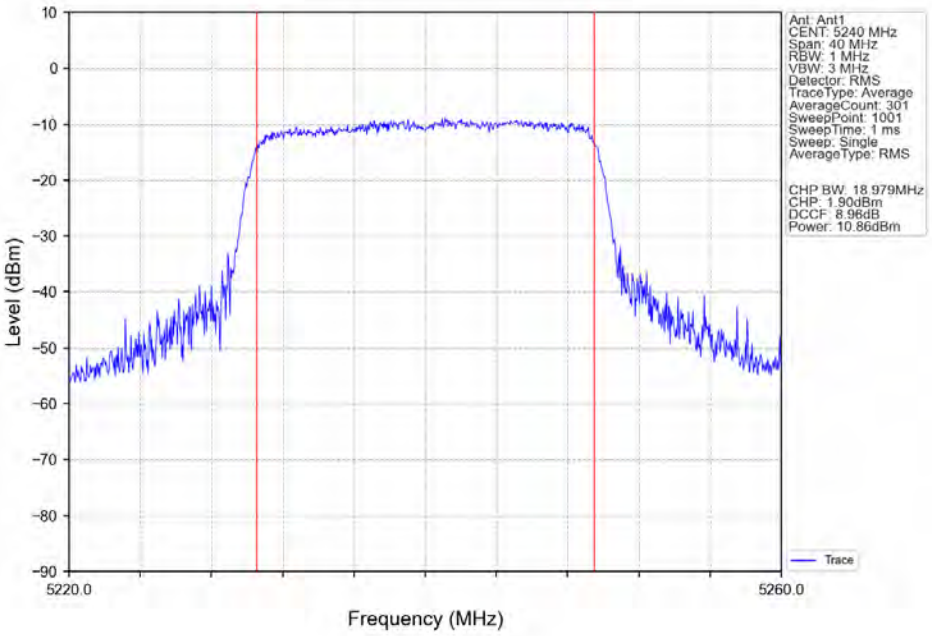
802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant1_NTNV



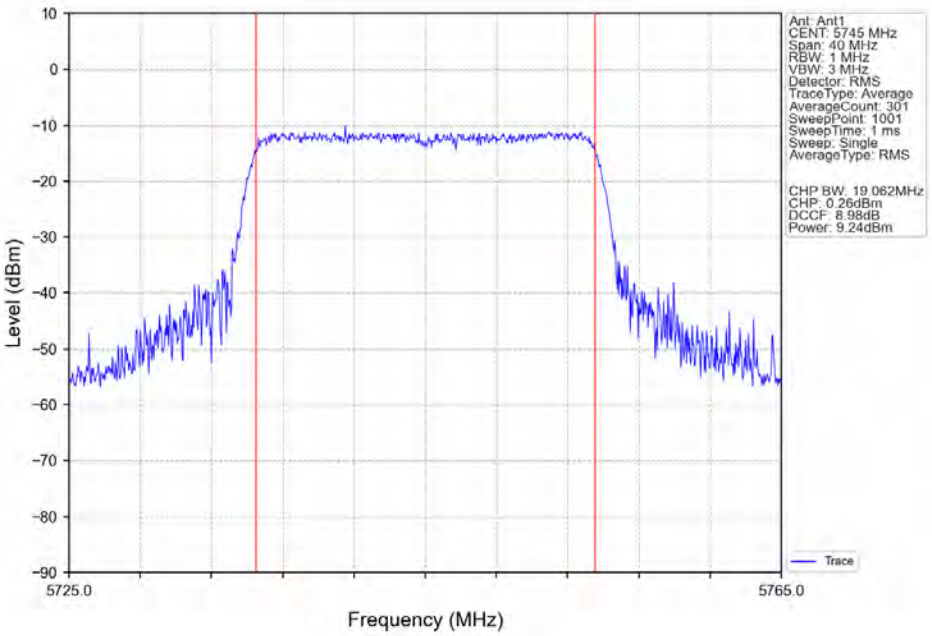
802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant1_NTNV



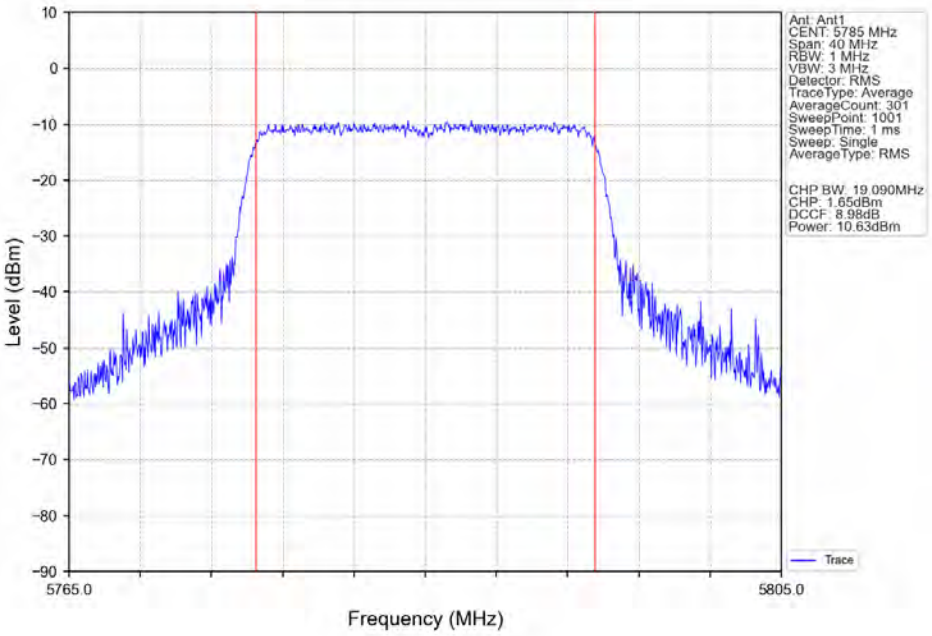
802.11ax(HEW20)_HCH_5240MHz_SU_ / _Ant1_NTNV



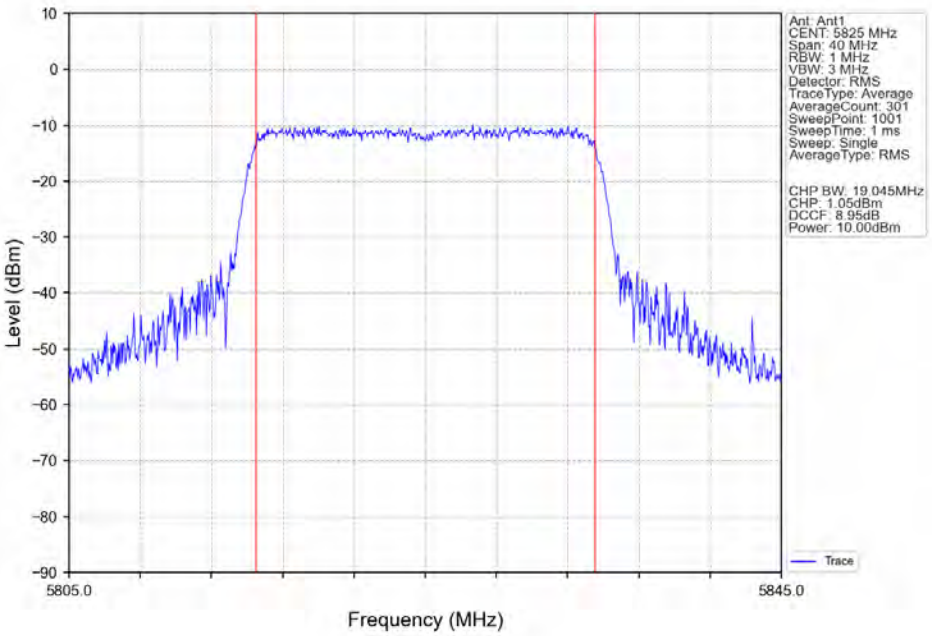
802.11ax(HEW20)_LCH_5745MHz_SU_ / _Ant1_NTNV



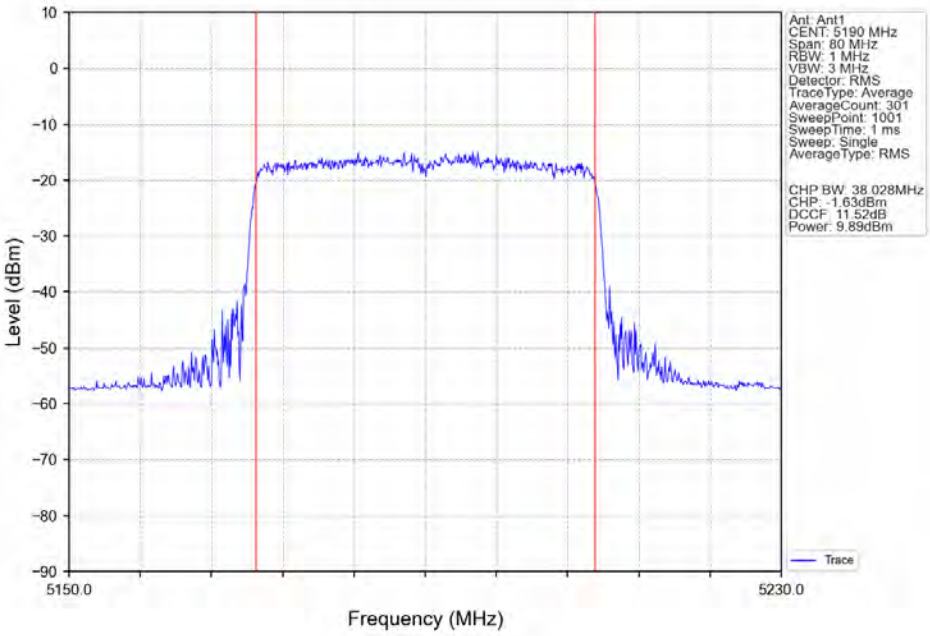
802.11ax(HEW20)_MCH_5785MHz_SU_ / _Ant1_NTNV



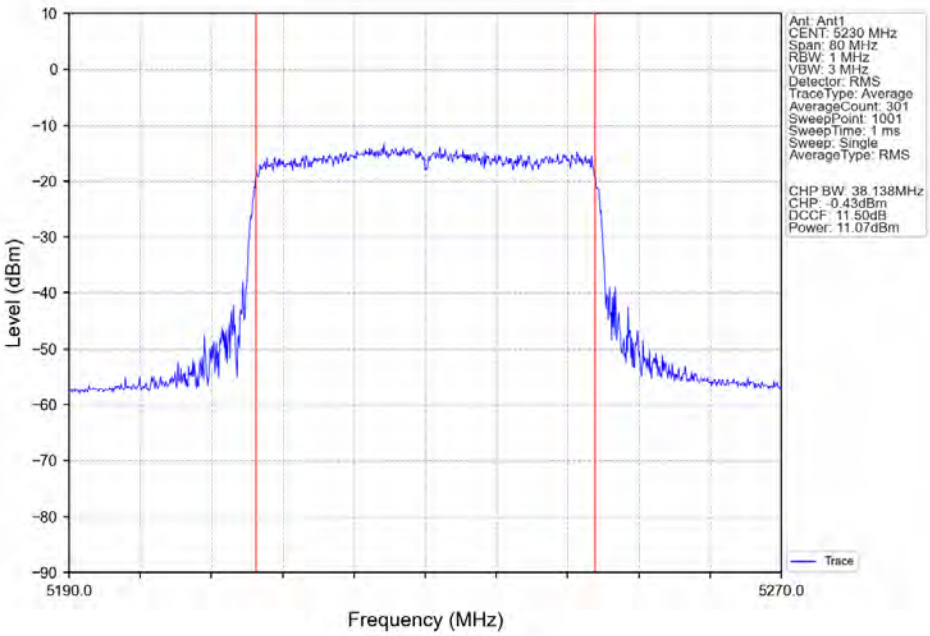
802.11ax(HEW20)_HCH_5825MHz_SU_ / _Ant1_NTNV



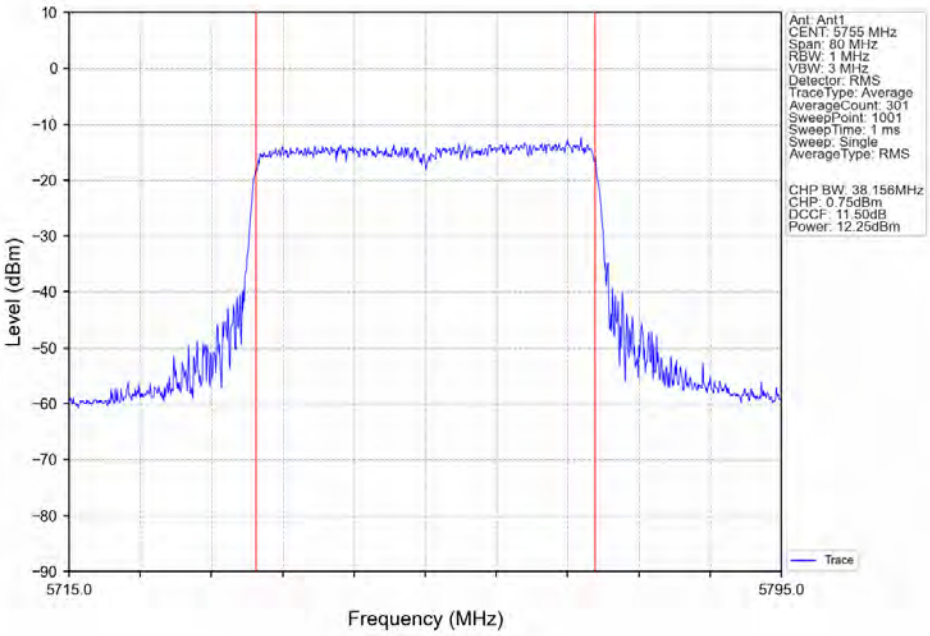
802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



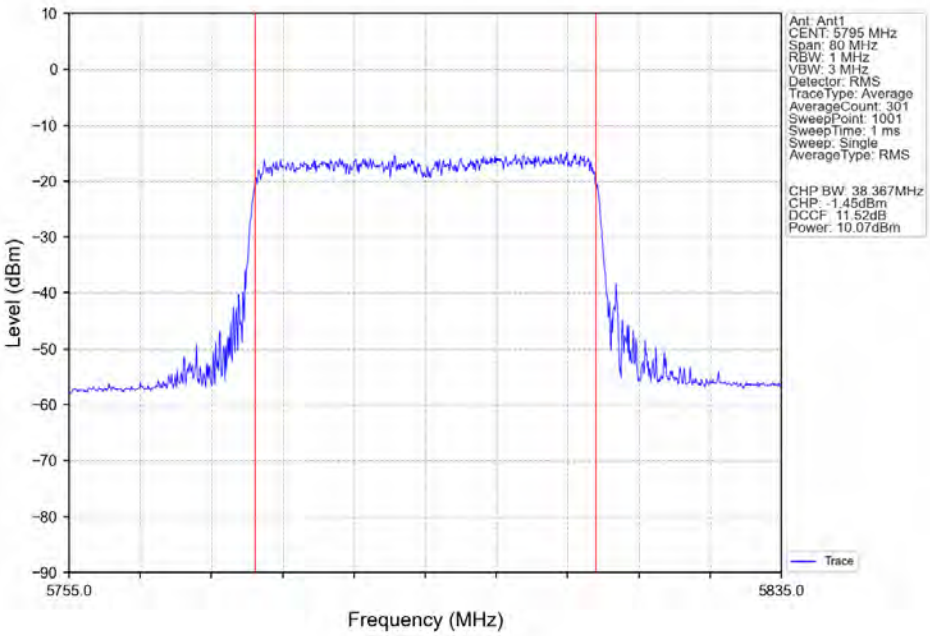
802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV



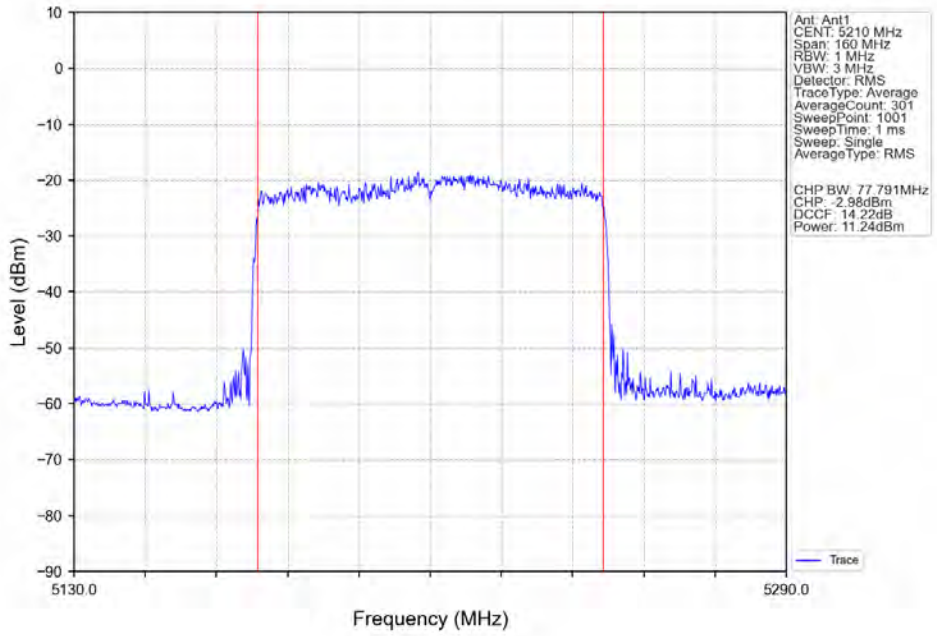
802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant1_NTNV



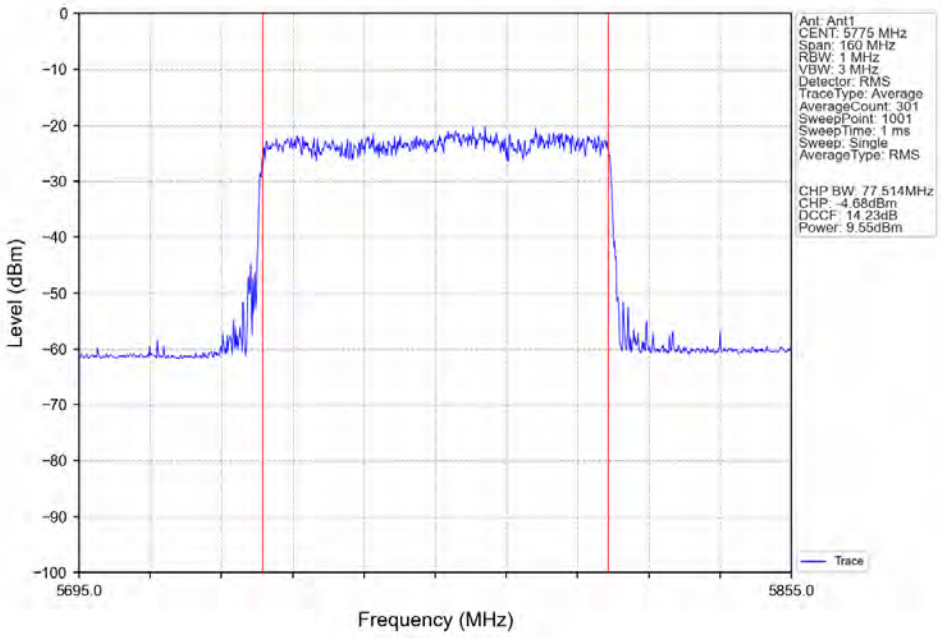
802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_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	/	/	-0.52	<=11	Pass
		5200	/	/	-1.32	<=11	Pass
		5240	/	/	-0.49	<=11	Pass
802.11n (HT20)	SISO	5180	/	/	-0.90	<=11	Pass
		5200	/	/	-0.87	<=11	Pass
		5240	/	/	0.89	<=11	Pass
802.11n (HT40)	SISO	5190	/	/	-3.15	<=11	Pass
		5230	/	/	-2.86	<=11	Pass
802.11ac (VHT20)	SISO	5180	/	/	0.34	<=11	Pass
		5200	/	/	-0.89	<=11	Pass
		5240	/	/	0.46	<=11	Pass
802.11ac (VHT40)	SISO	5190	/	/	-2.99	<=11	Pass
		5230	/	/	-3.30	<=11	Pass
802.11ac (VHT80)	SISO	5210	/	/	-5.51	<=11	Pass
802.11ax (HEW20)	SISO	5180	SU	/	0.07	<=11	Pass
		5200	SU	/	-0.21	<=11	Pass
		5240	SU	/	-0.22	<=11	Pass
802.11ax (HEW40)	SISO	5190	SU	/	-3.92	<=11	Pass
		5230	SU	/	-3.44	<=11	Pass
802.11ax (HEW80)	SISO	5210	SU	/	-5.72	<=11	Pass

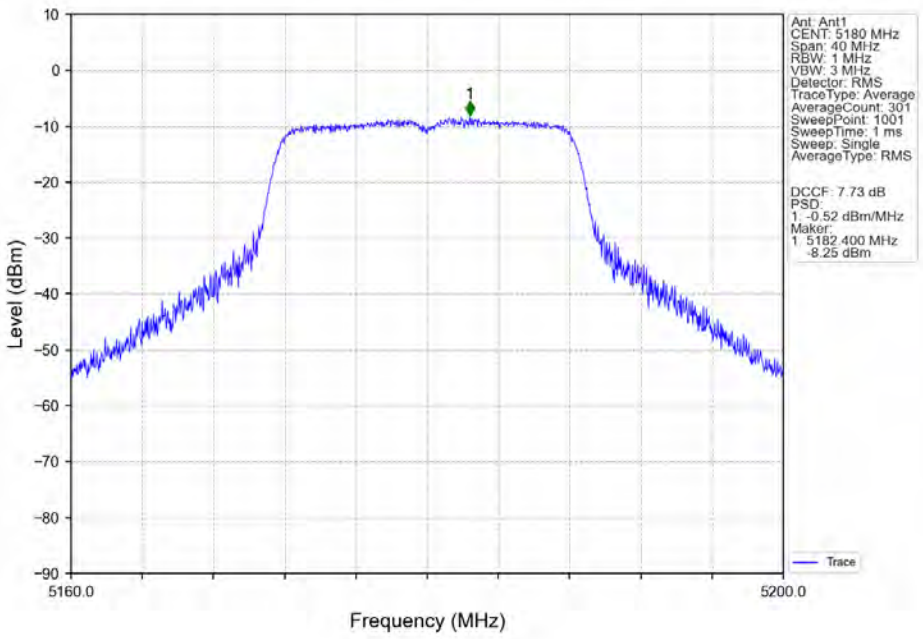
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/500kHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5745	/	/	-5.95	<=30	Pass
		5785	/	/	-2.53	<=30	Pass
		5825	/	/	-3.84	<=30	Pass
802.11n (HT20)	SISO	5745	/	/	-5.01	<=30	Pass
		5785	/	/	-4.47	<=30	Pass
		5825	/	/	-4.01	<=30	Pass
802.11n (HT40)	SISO	5755	/	/	-6.76	<=30	Pass
		5795	/	/	-5.03	<=30	Pass
802.11ac (VHT20)	SISO	5745	/	/	-4.11	<=30	Pass
		5785	/	/	-4.08	<=30	Pass
		5825	/	/	-3.35	<=30	Pass
802.11ac (VHT40)	SISO	5755	/	/	-6.53	<=30	Pass
		5795	/	/	-5.61	<=30	Pass
802.11ac (VHT80)	SISO	5775	/	/	-8.52	<=30	Pass
802.11ax (HEW20)	SISO	5745	SU	/	-3.91	<=30	Pass
		5785	SU	/	-2.82	<=30	Pass
		5825	SU	/	-3.21	<=30	Pass
802.11ax (HEW40)	SISO	5755	SU	/	-4.85	<=30	Pass
		5795	SU	/	-5.93	<=30	Pass
802.11ax (HEW80)	SISO	5775	SU	/	-6.75	<=30	Pass

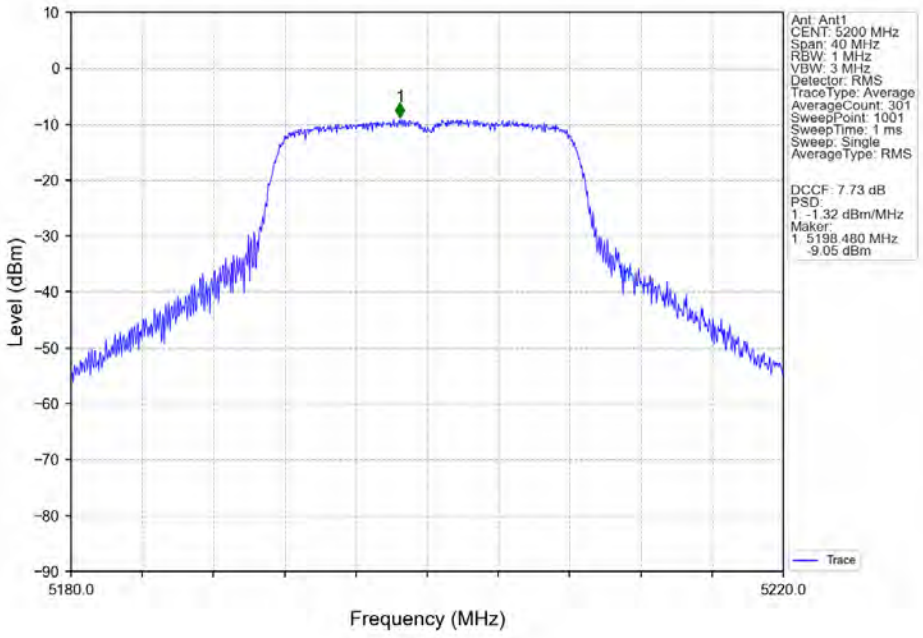
4.2 Test Graph

4.2.1 PSD

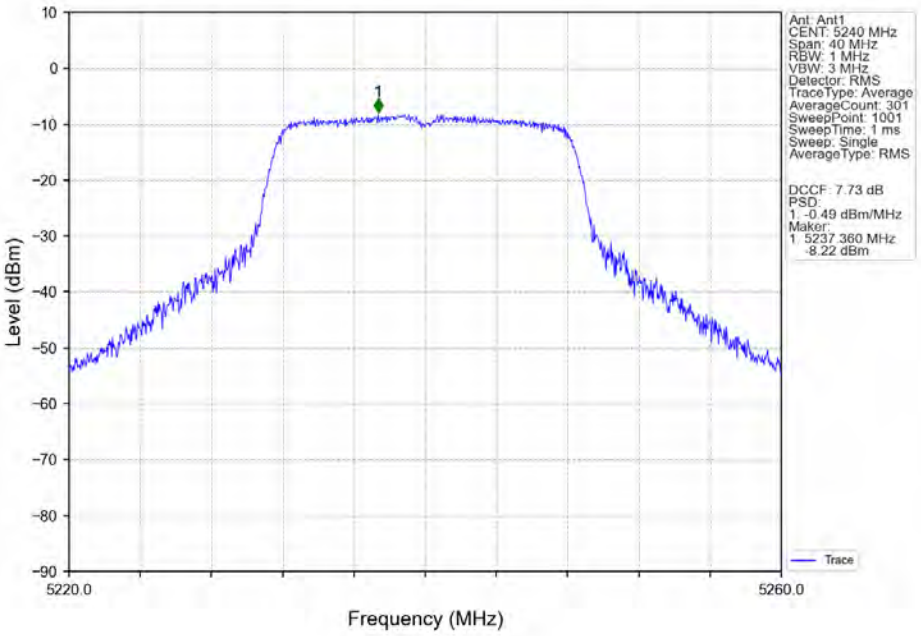
802.11a_LCH_5180MHz_Ant1_NTNV



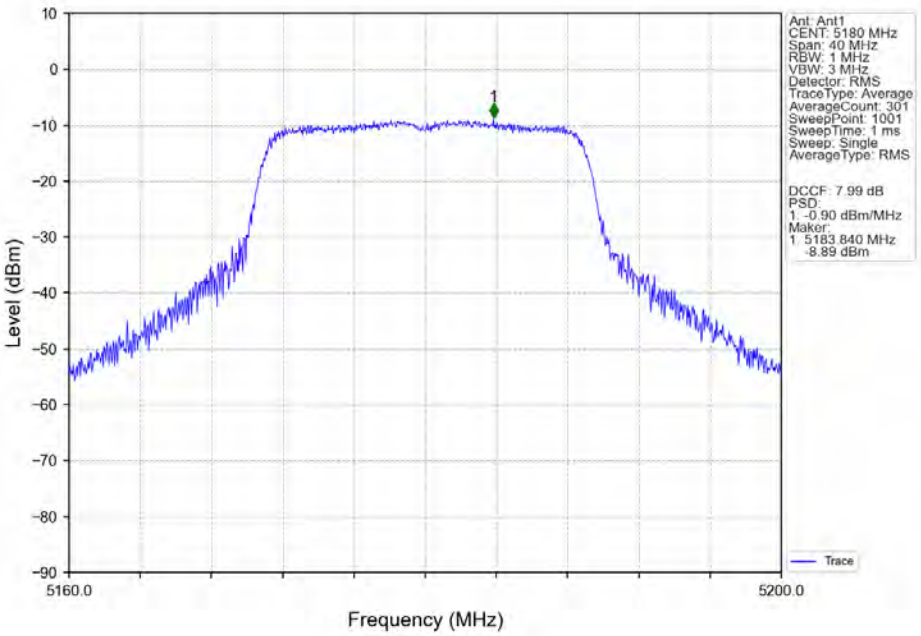
802.11a_MCH_5200MHz_Ant1_NTNV



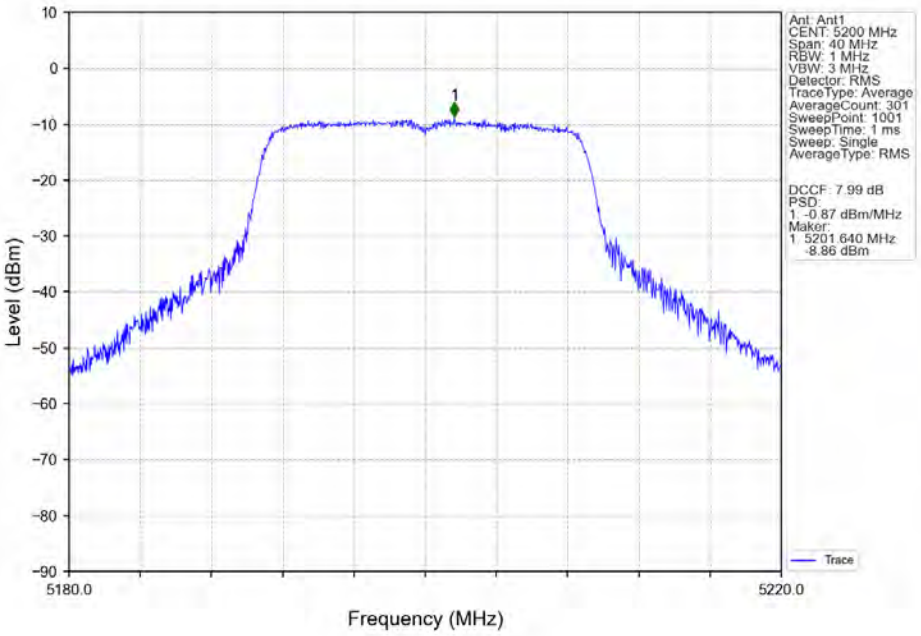
802.11a_HCH_5240MHz_Ant1_NTNV



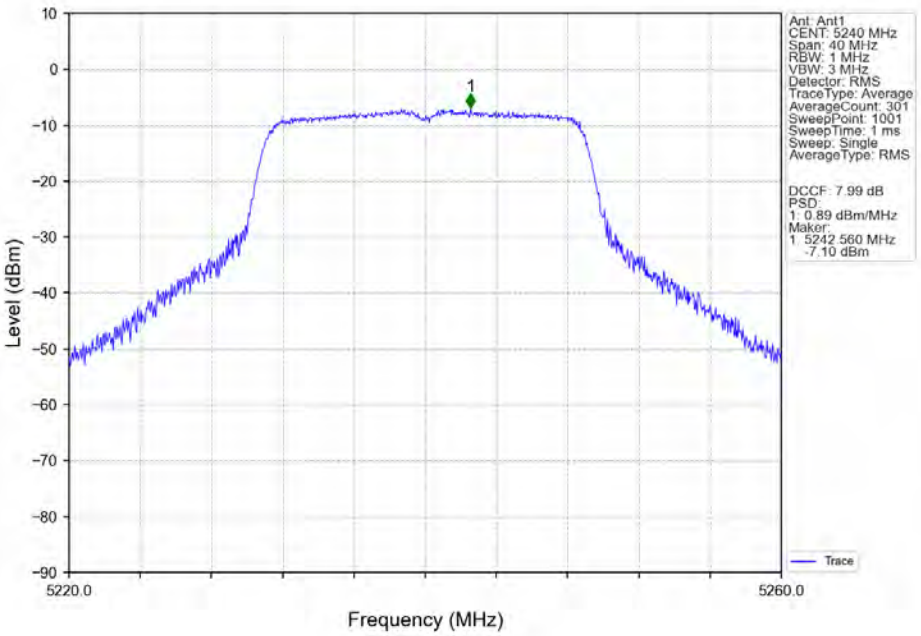
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



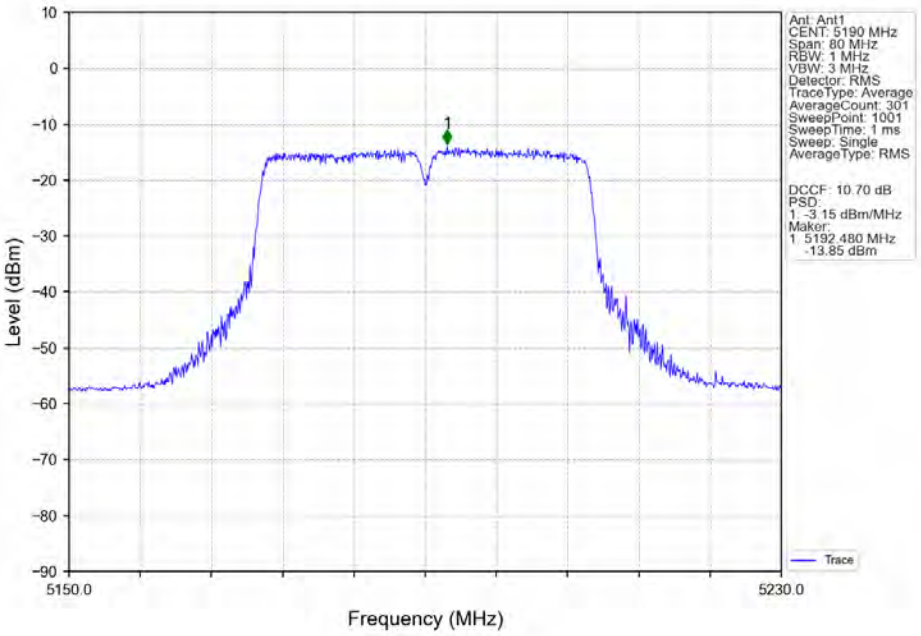
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



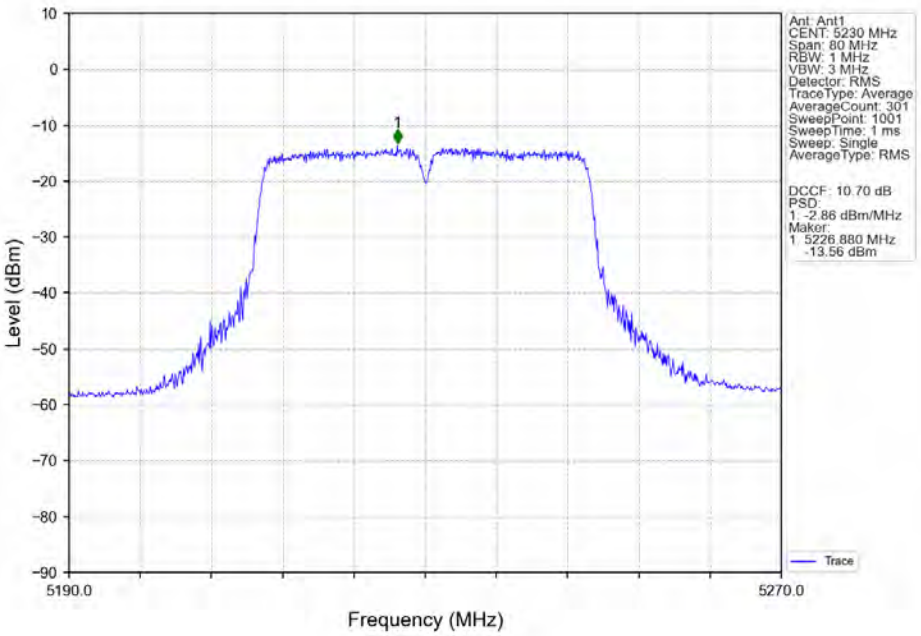
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



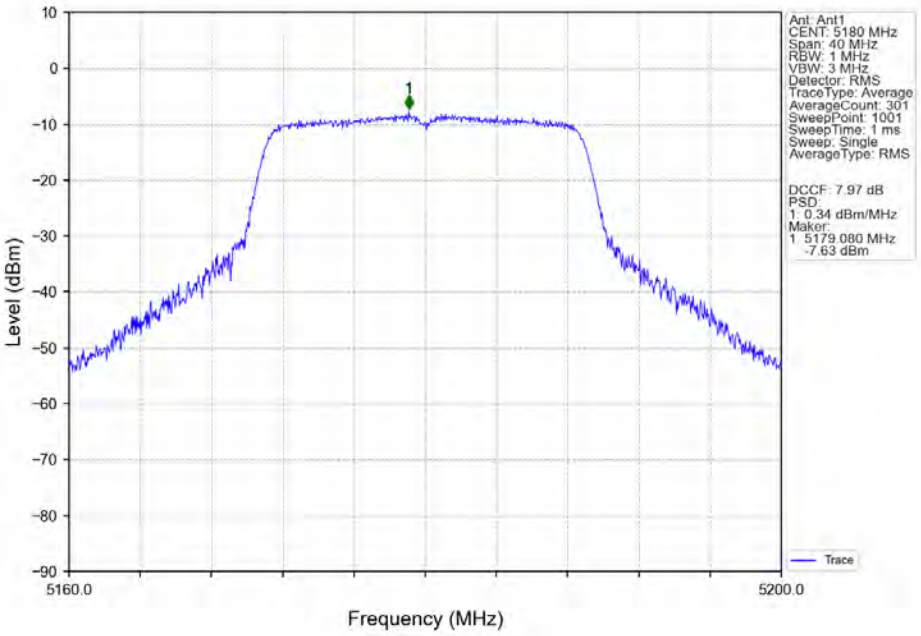
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



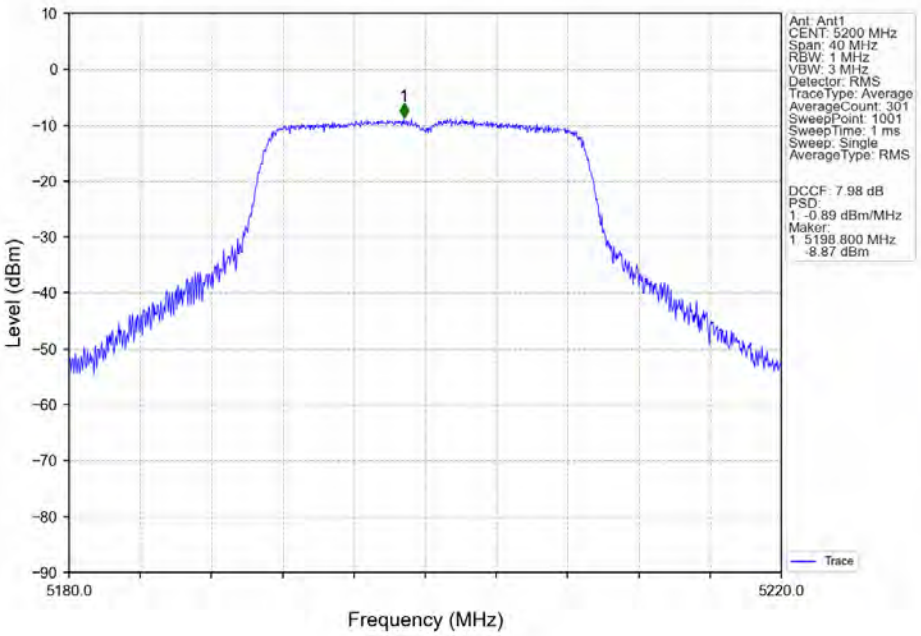
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



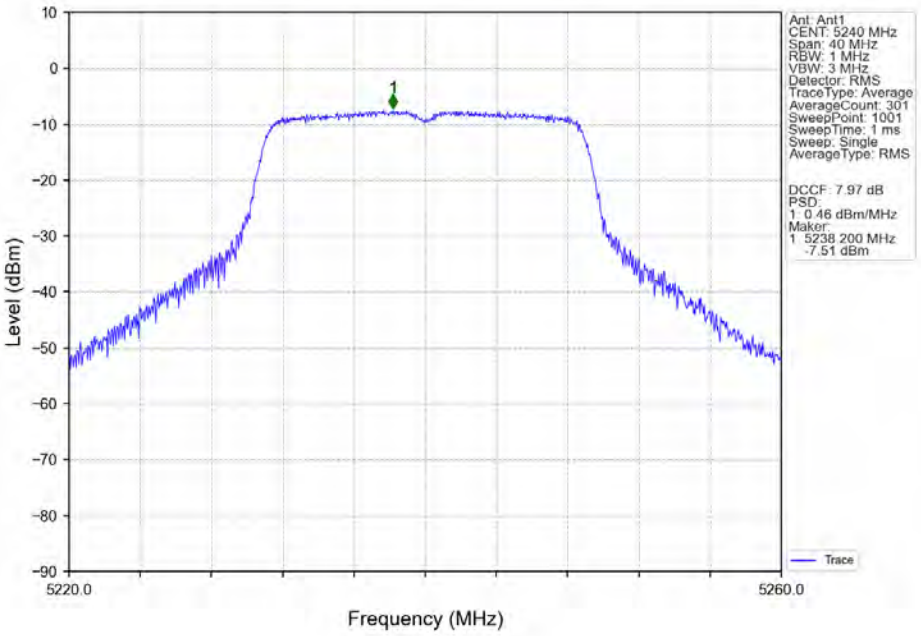
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



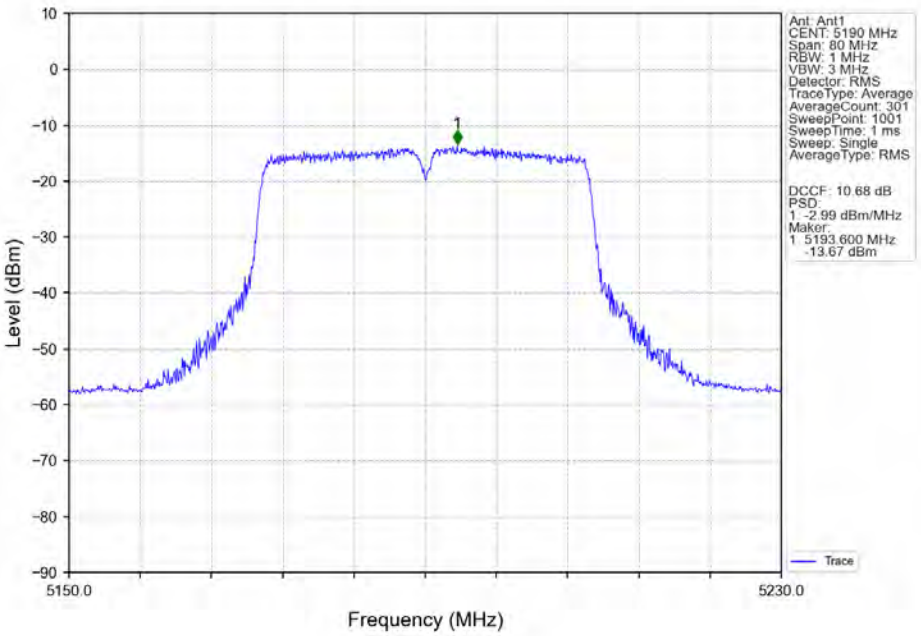
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



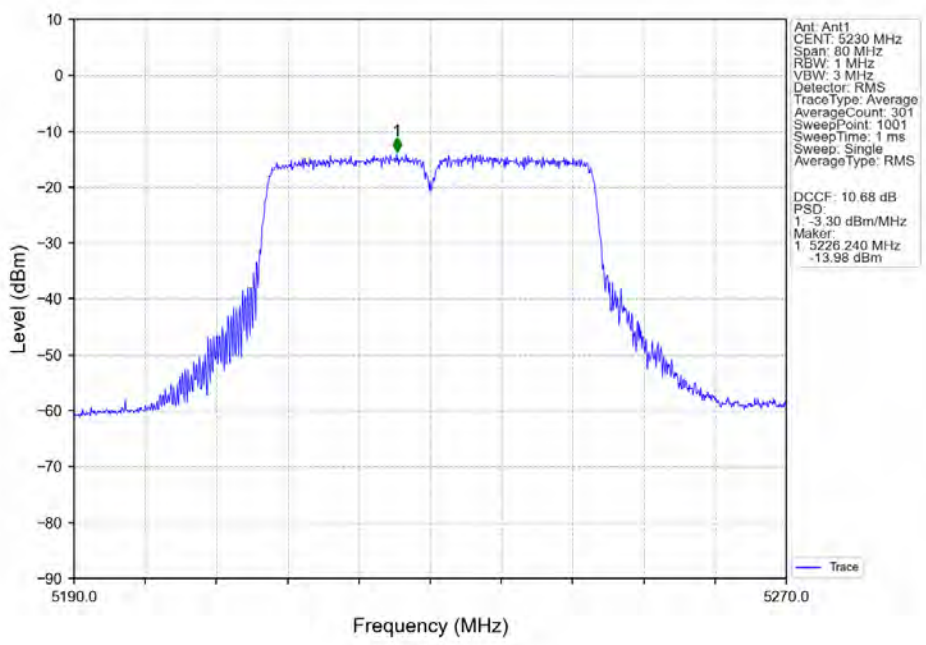
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



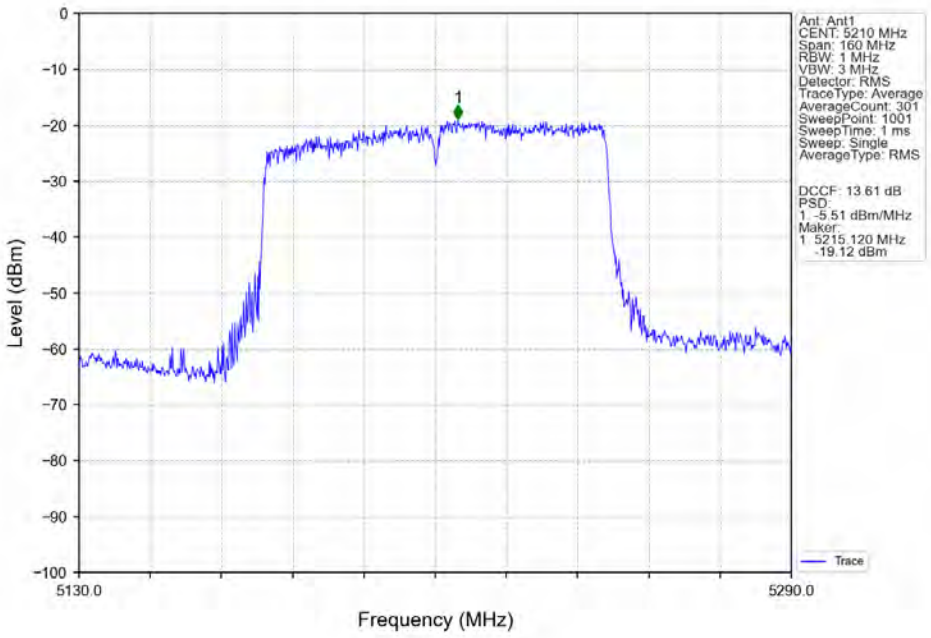
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



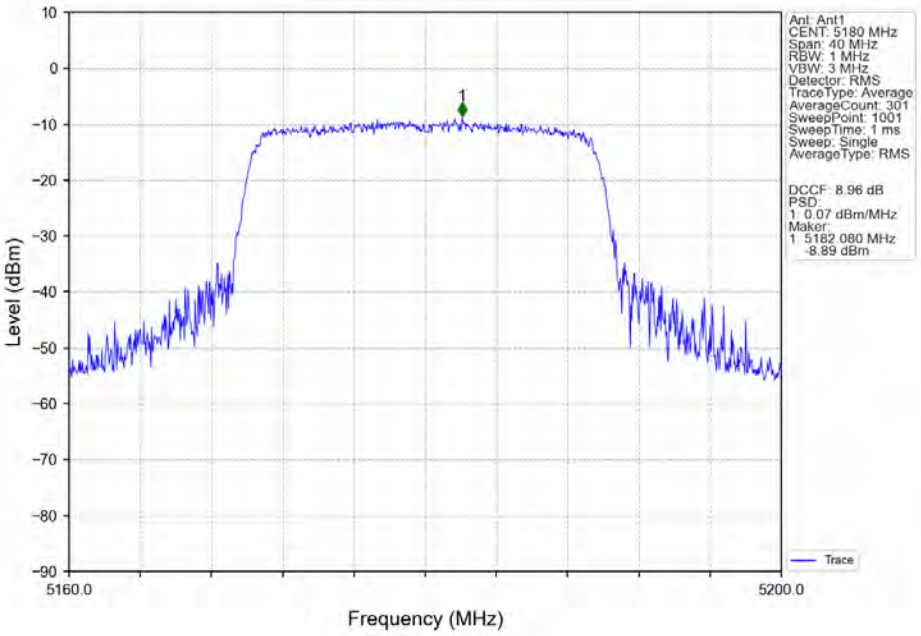
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



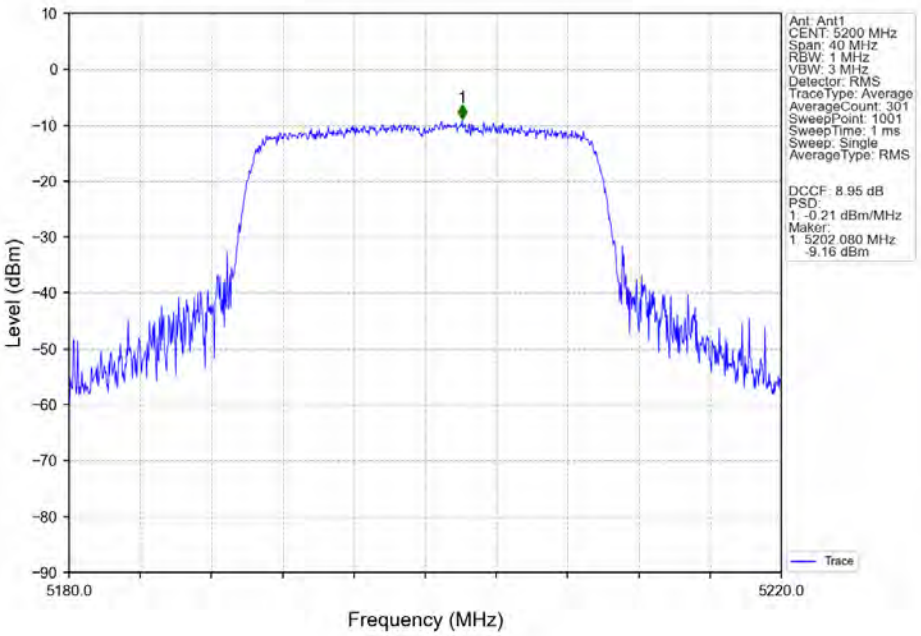
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



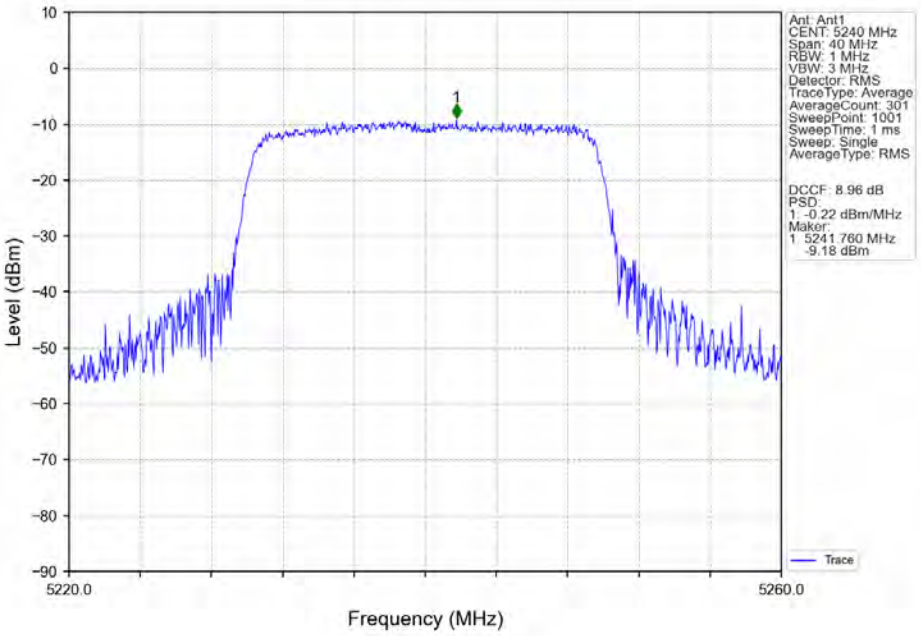
802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant1_NTNV



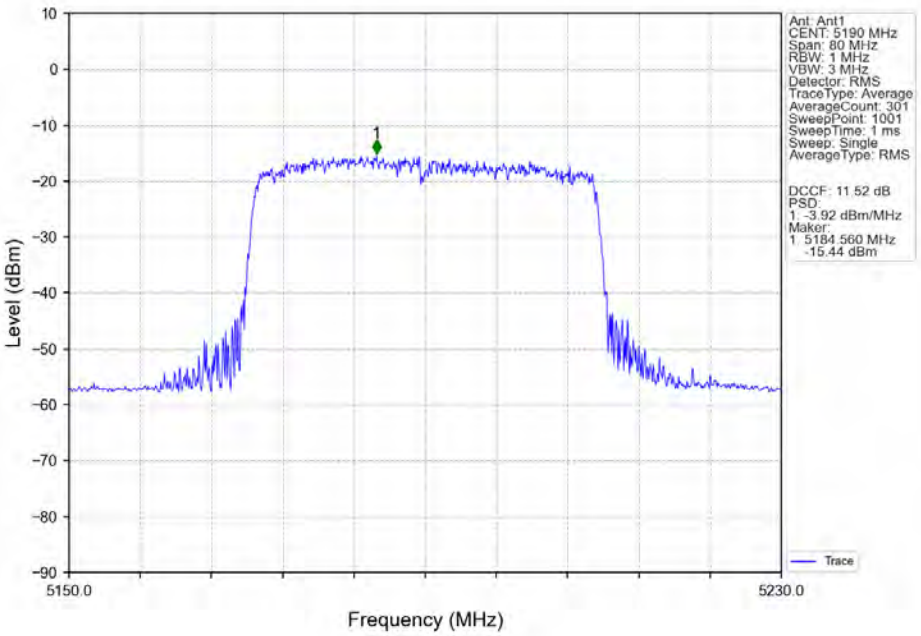
802.11ax(HEW20)_MCH_5200MHz_SU_ / _Ant1_NTNV



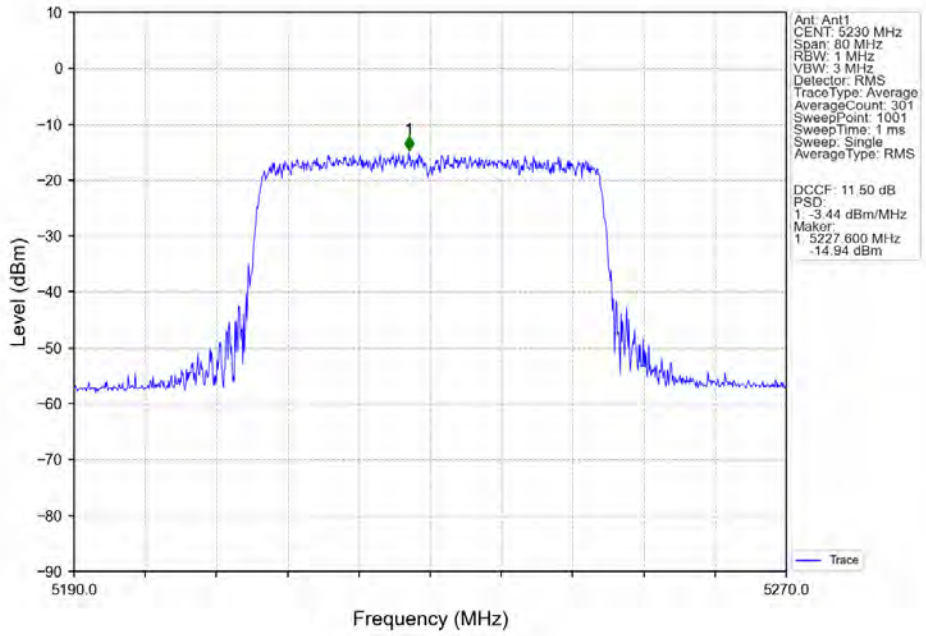
802.11ax(HEW20)_HCH_5240MHz_SU_ / _Ant1_NTNV



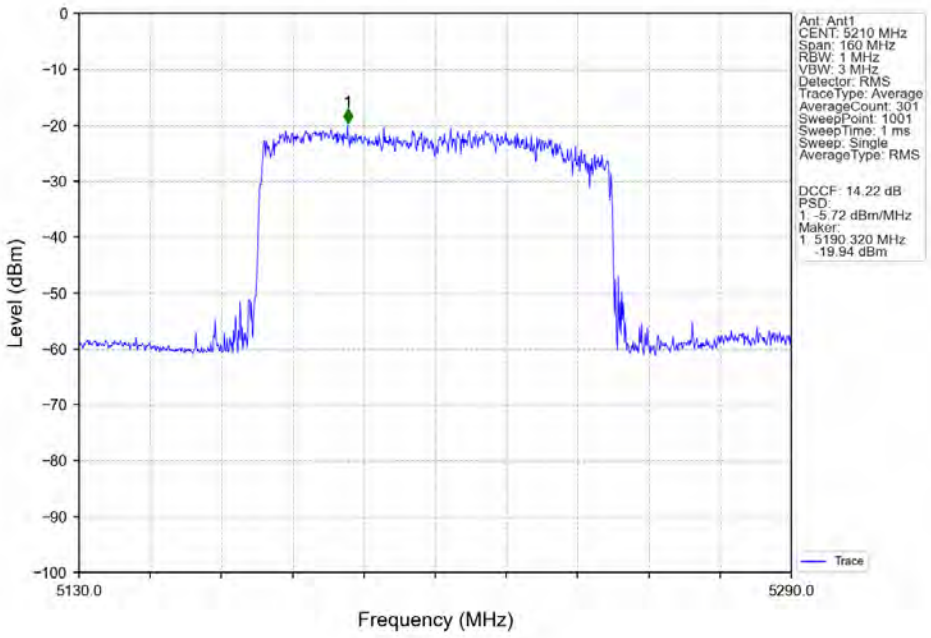
802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV

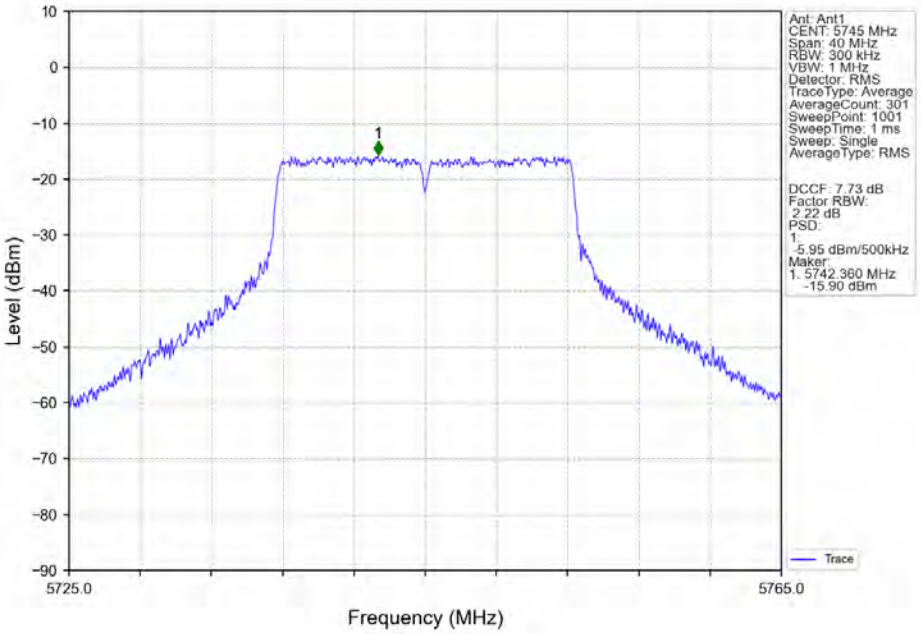


802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV

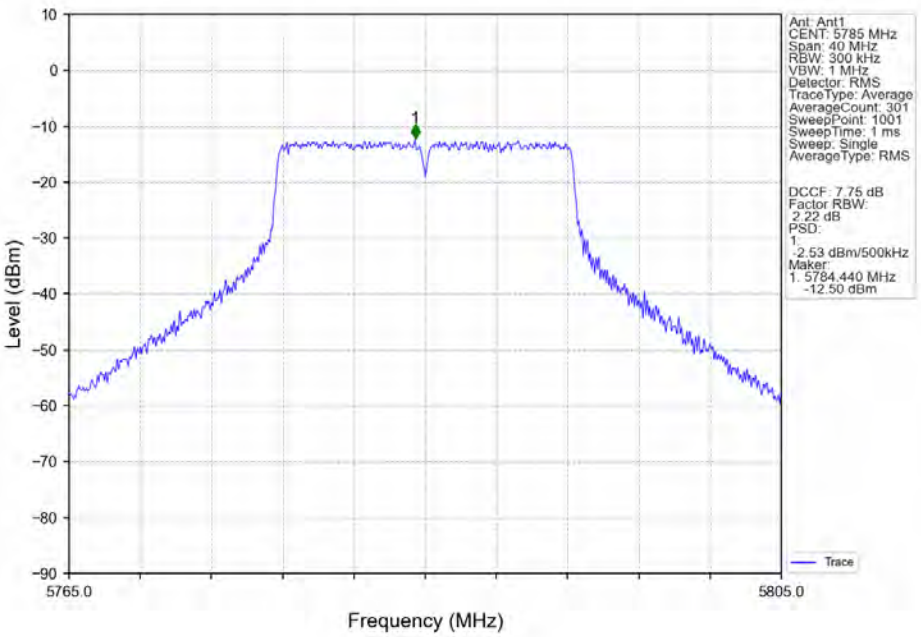


4.2.2 PSD-Band3

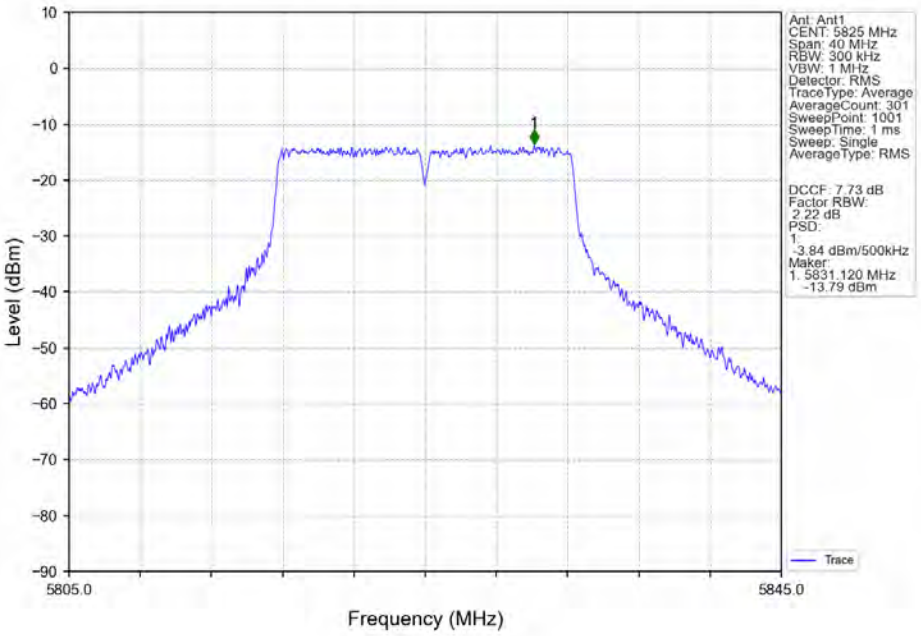
802.11a_LCH_5745MHz_Ant1_NTNV



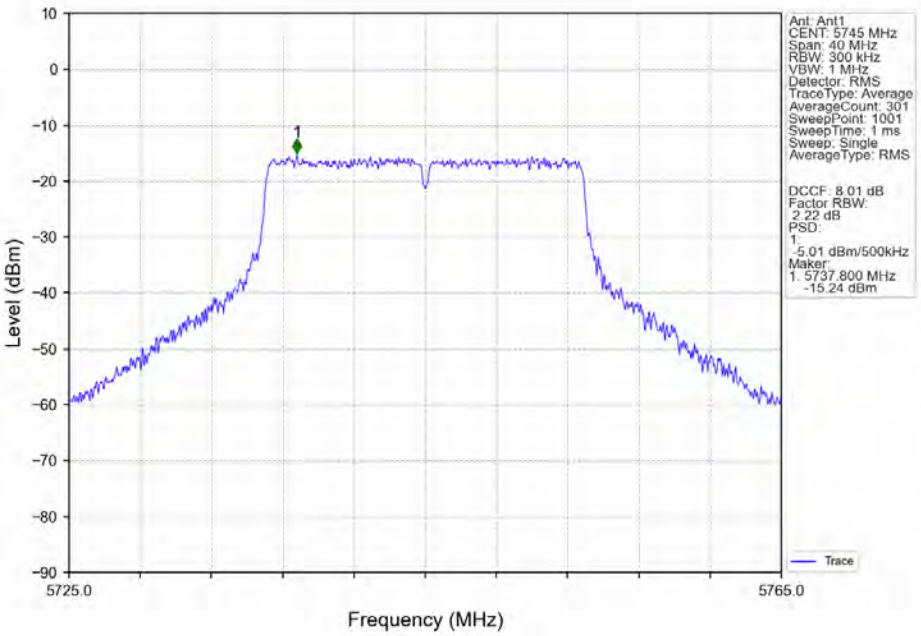
802.11a_MCH_5785MHz_Ant1_NTNV



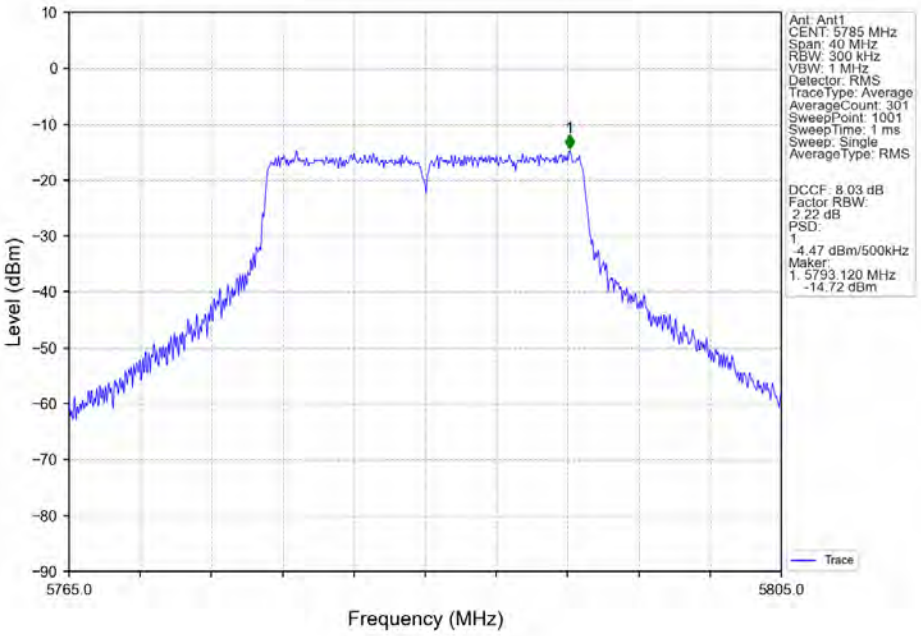
802.11a_HCH_5825MHz_Ant1_NTNV



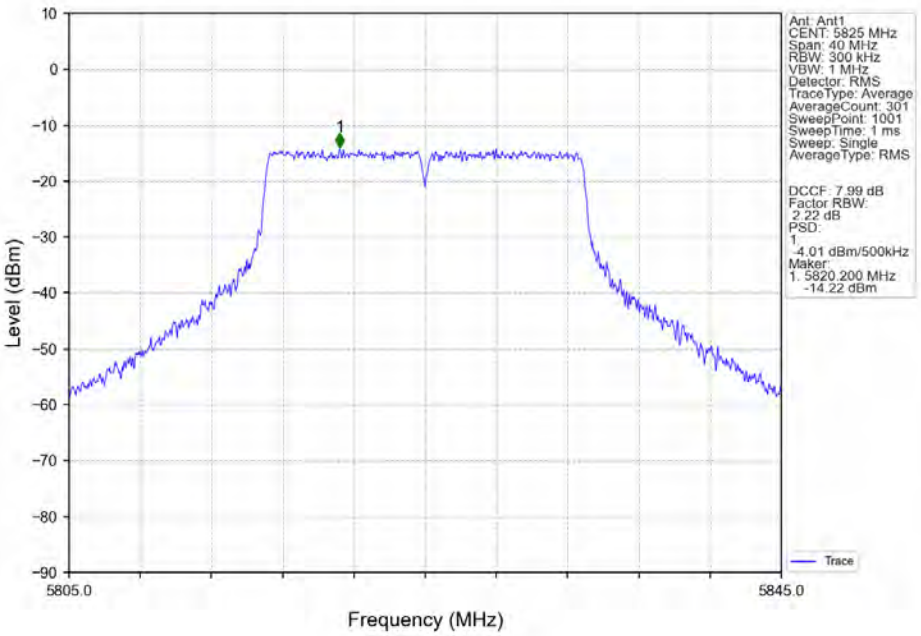
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



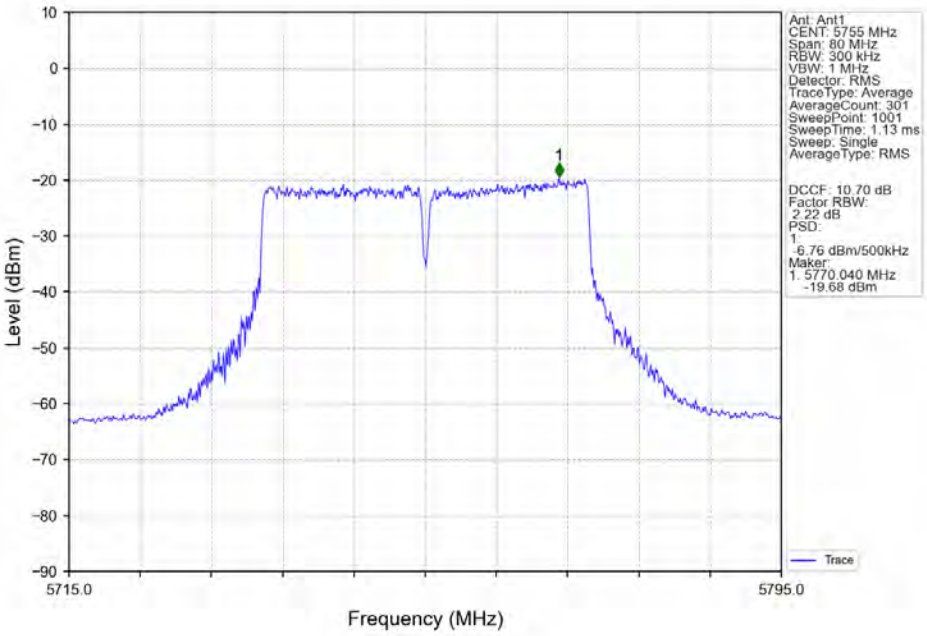
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



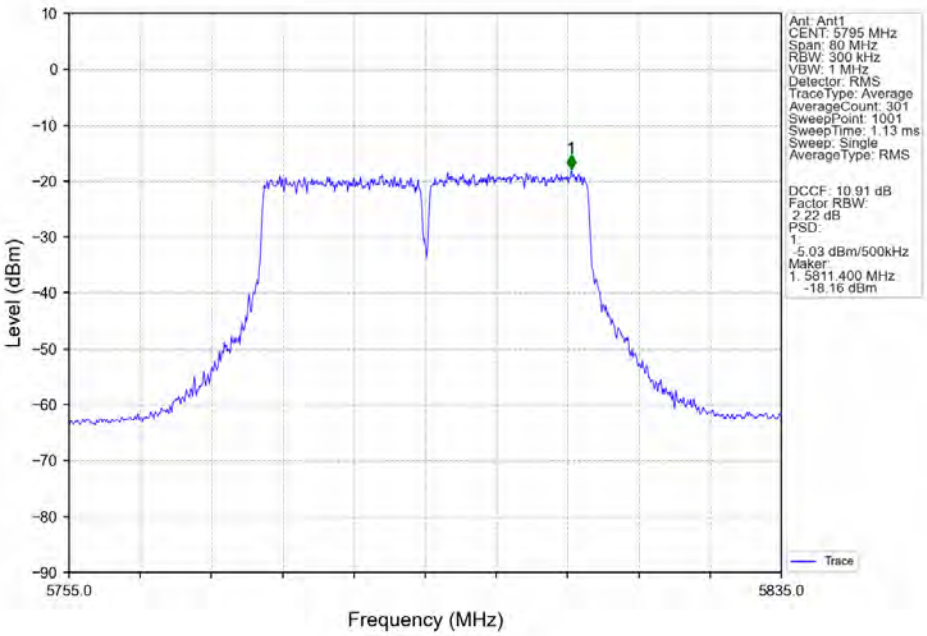
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



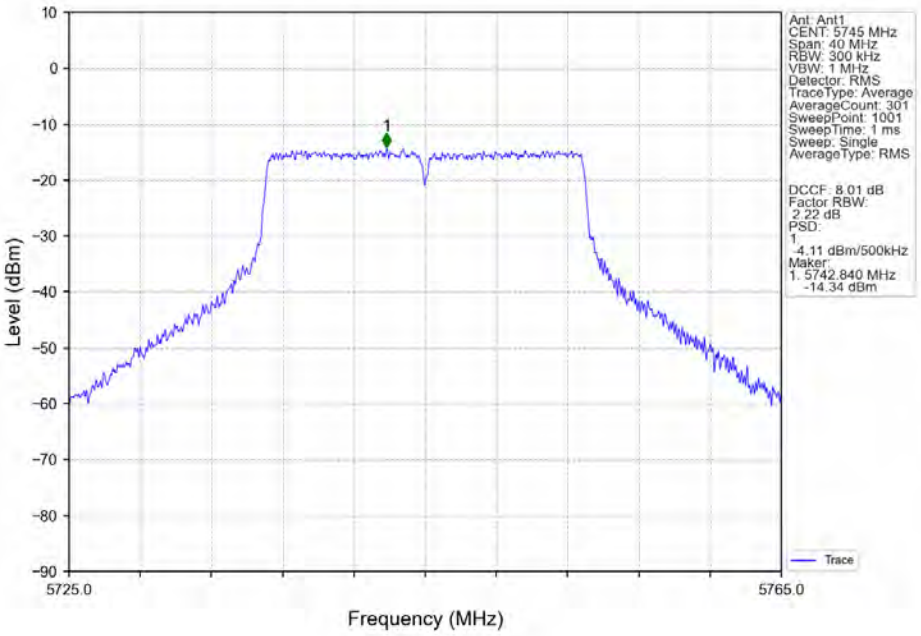
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



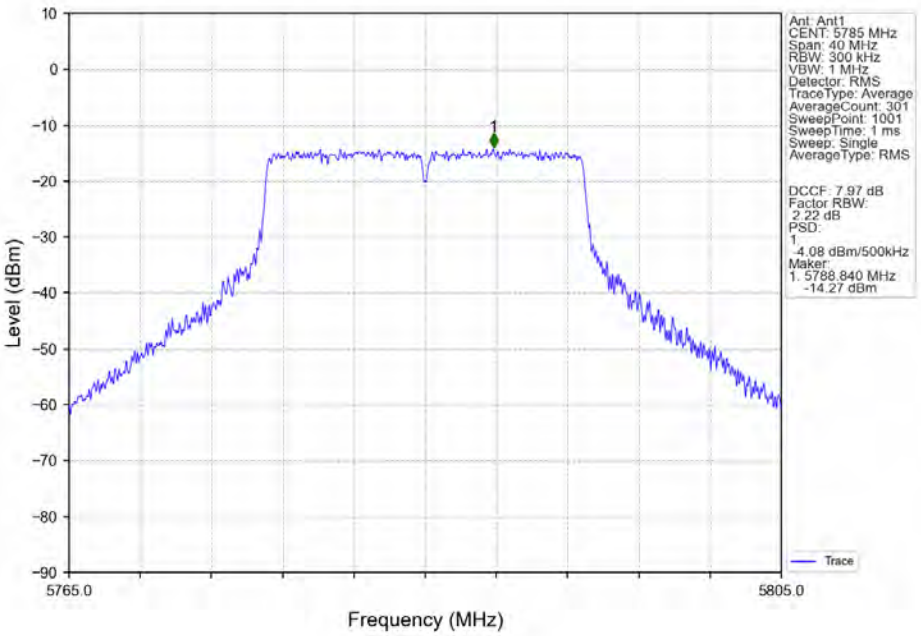
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



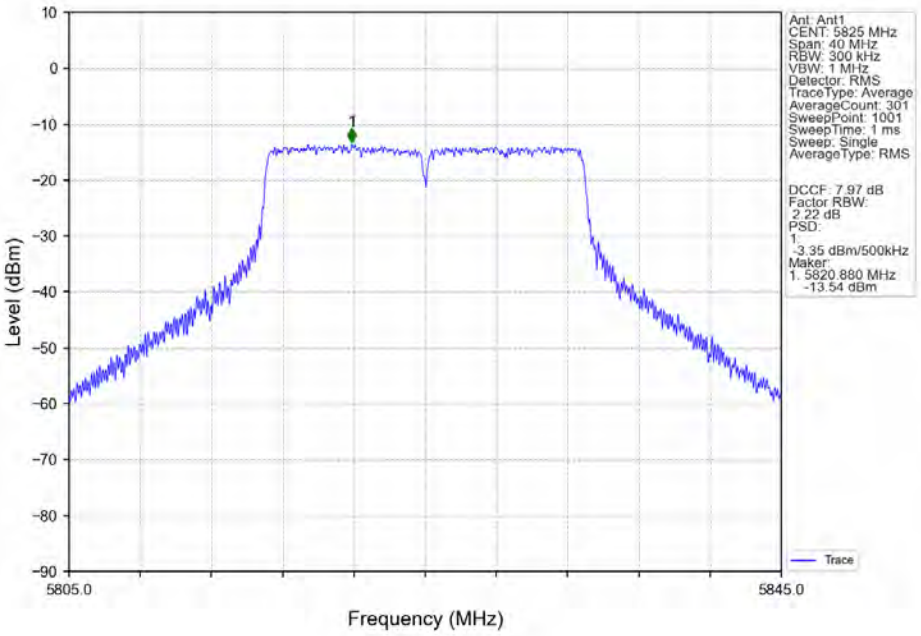
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



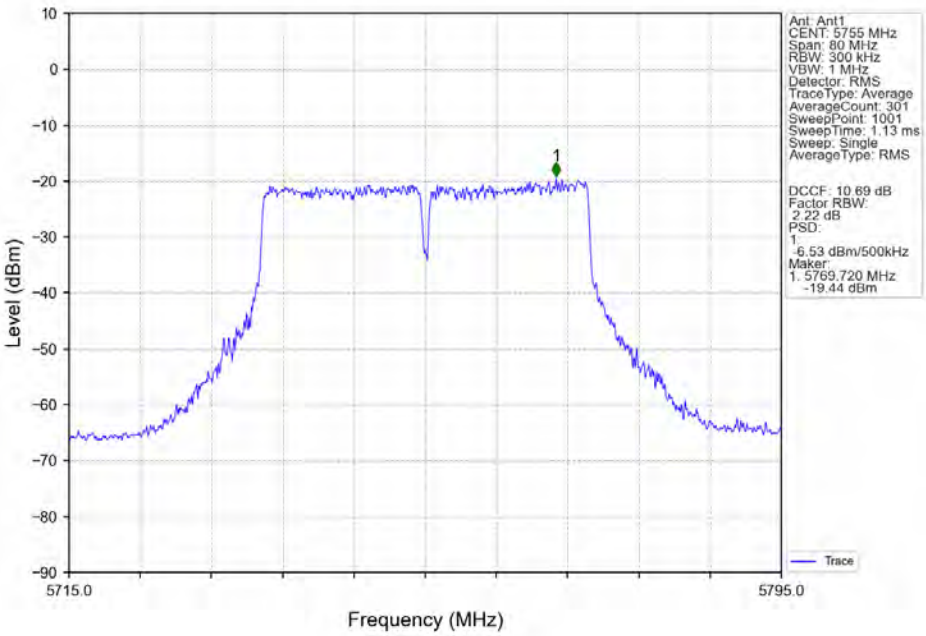
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



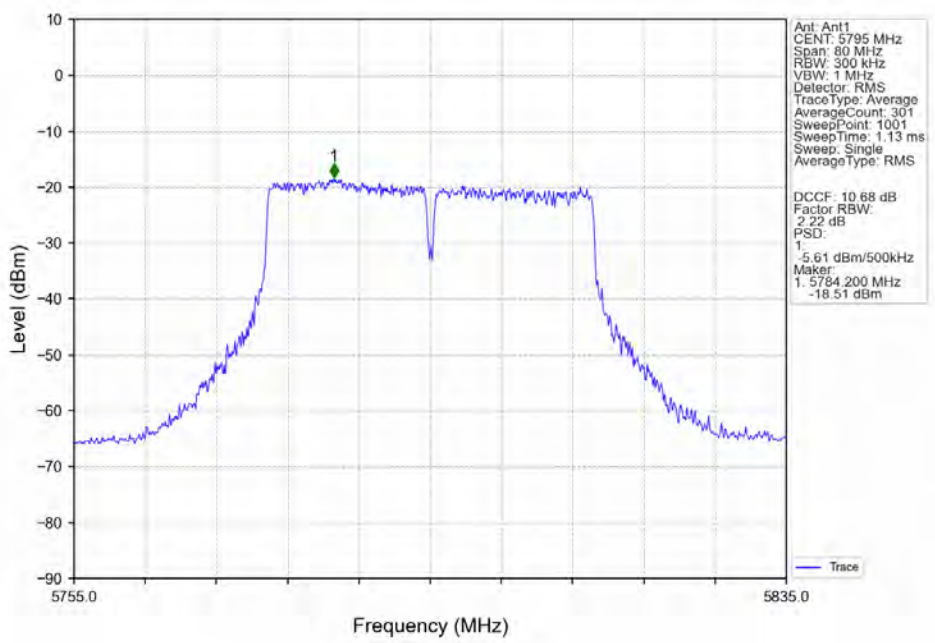
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



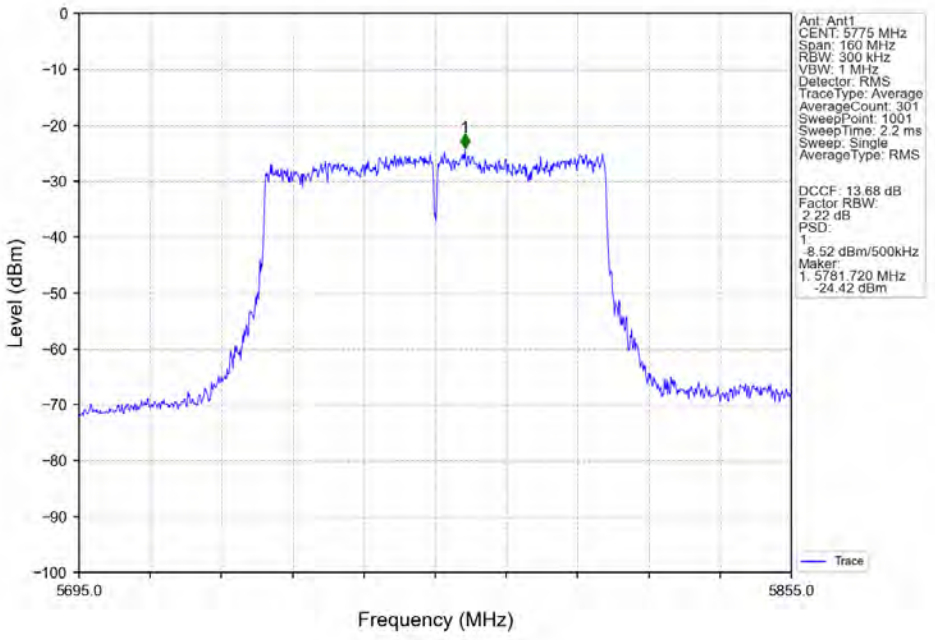
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



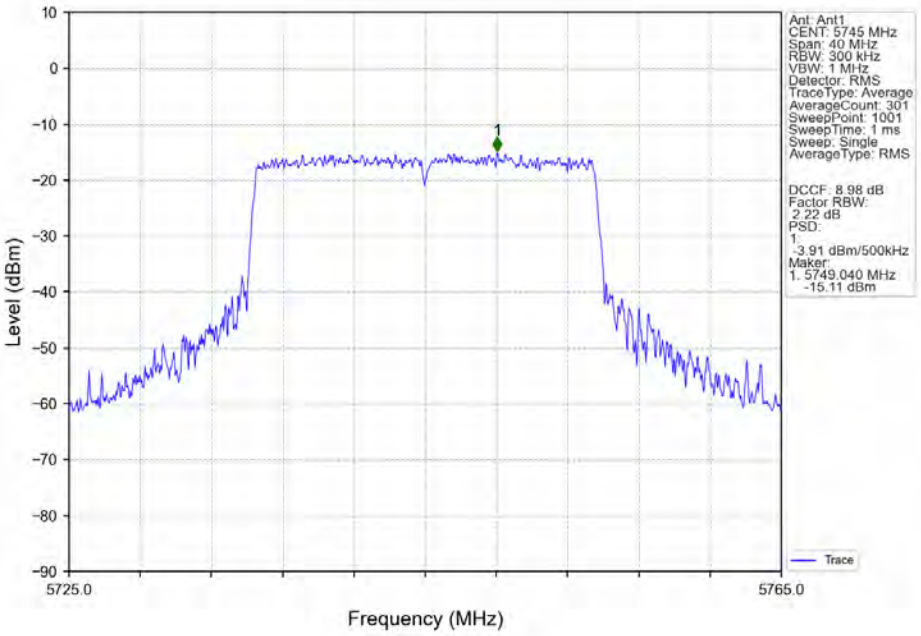
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



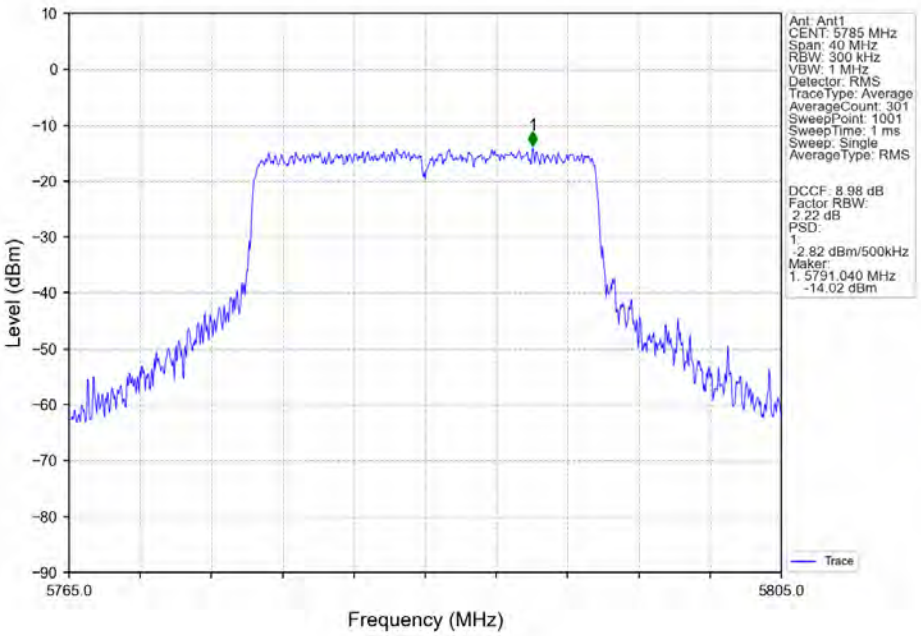
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



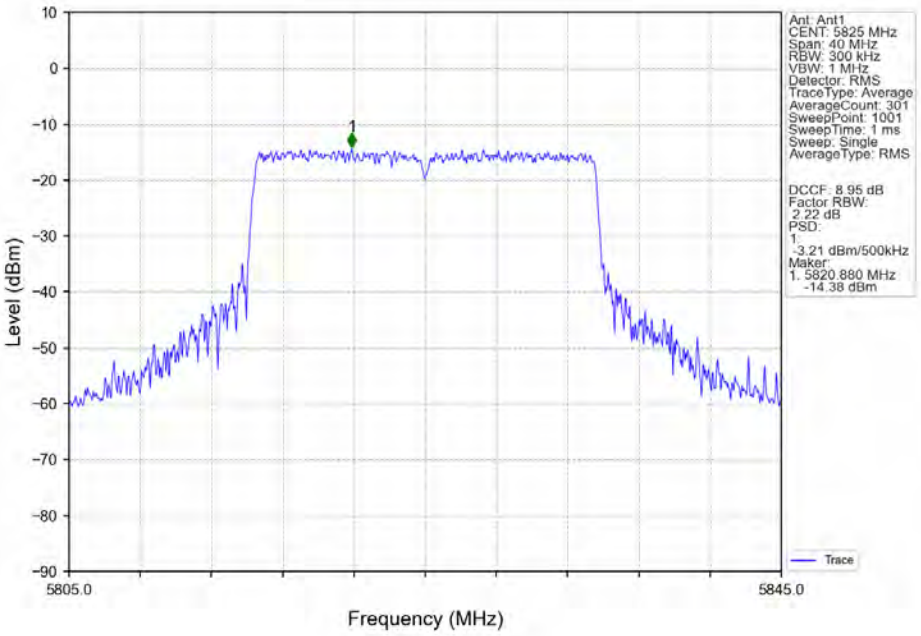
802.11ax(HEW20)_LCH_5745MHz_SU_ / _Ant1_NTNV



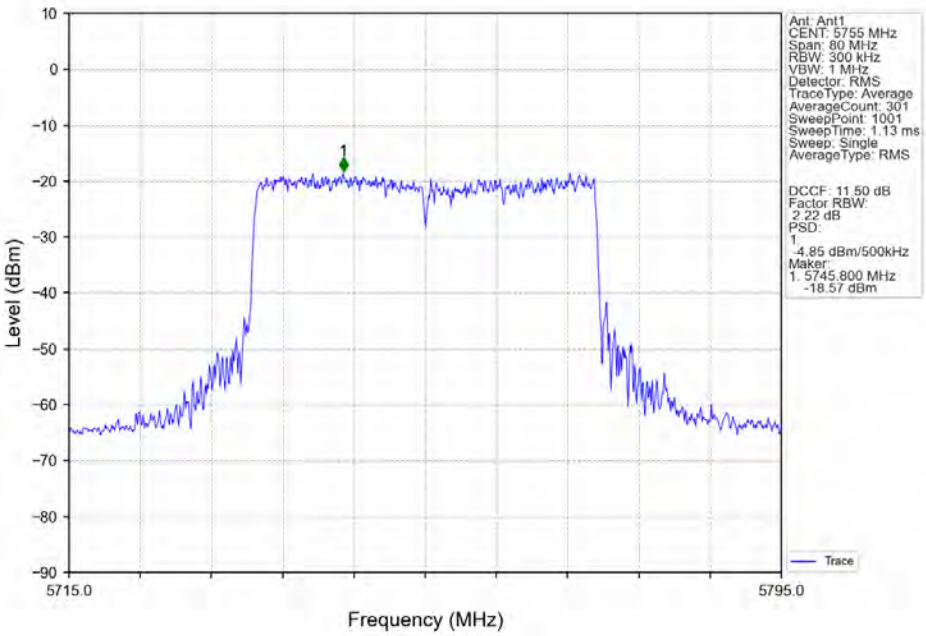
802.11ax(HEW20)_MCH_5785MHz_SU_ / _Ant1_NTNV



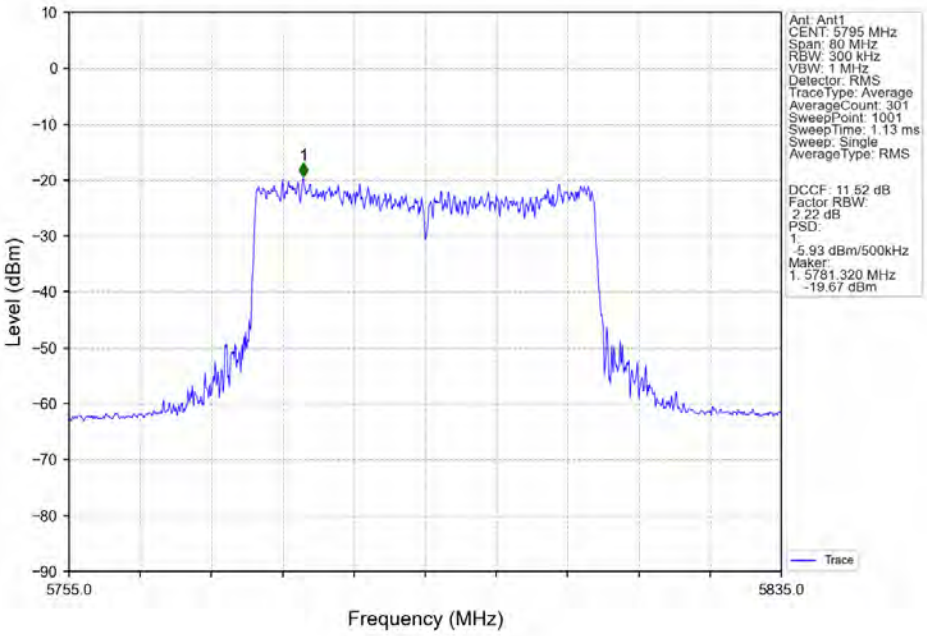
802.11ax(HEW20)_HCH_5825MHz_SU_ / _Ant1_NTNV



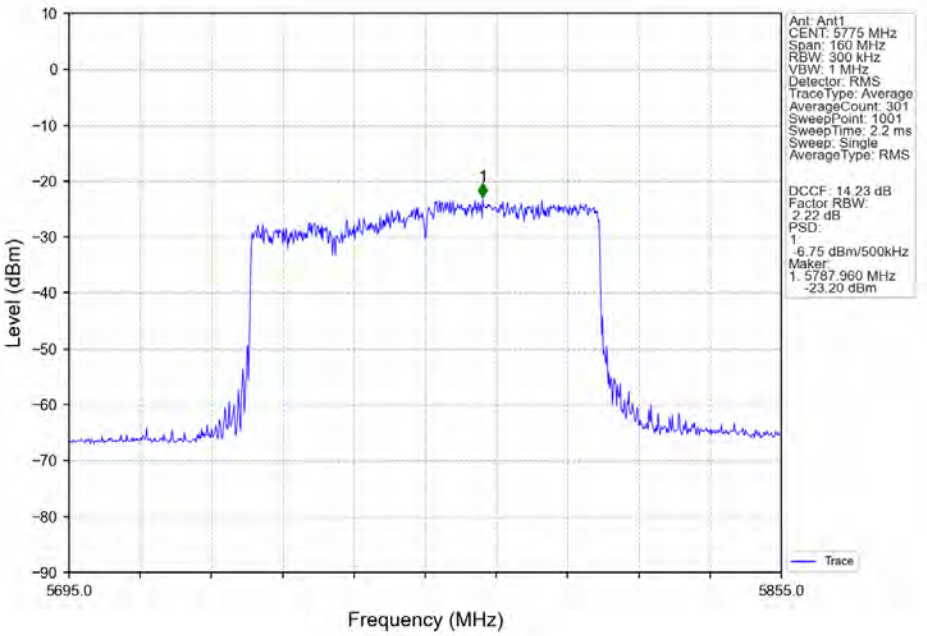
802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_SU_ / _Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

5.1 Test Result

5.1.1 CSE

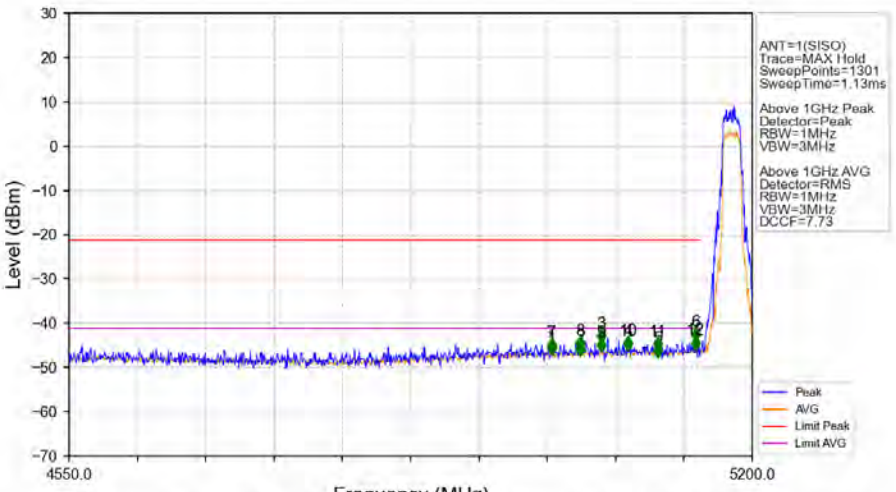
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Level of Unwanted Emissions (dBm)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
		5745	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
		5745	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	/	/	1	Refer To Test Graph		Pass
		5230	/	/	1	Refer To Test Graph		Pass
		5755	/	/	1	Refer To Test Graph		Pass
		5795	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT20)	SISO	5180	/	/	1	Refer To Test Graph		Pass
		5240	/	/	1	Refer To Test Graph		Pass
		5745	/	/	1	Refer To Test Graph		Pass
		5825	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT40)	SISO	5190	/	/	1	Refer To Test Graph		Pass
		5230	/	/	1	Refer To Test Graph		Pass
		5755	/	/	1	Refer To Test Graph		Pass
		5795	/	/	1	Refer To Test Graph		Pass
802.11ac (VHT80)	SISO	5210	/	/	1	Refer To Test Graph		Pass
		5775	/	/	1	Refer To Test Graph		Pass
802.11ax (HEW20)	SISO	5180	SU	/	1	Refer To Test Graph		Pass
		5240	SU	/	1	Refer To Test Graph		Pass
		5745	SU	/	1	Refer To Test Graph		Pass
		5825	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW40)	SISO	5190	SU	/	1	Refer To Test Graph		Pass
		5230	SU	/	1	Refer To Test Graph		Pass
		5755	SU	/	1	Refer To Test Graph		Pass
		5795	SU	/	1	Refer To Test Graph		Pass
802.11ax (HEW80)	SISO	5210	SU	/	1	Refer To Test Graph		Pass
		5775	SU	/	1	Refer To Test Graph		Pass

Note:
1) EIRP[dBm]=E[dBuV/m]- 95.2, for d= 3 m;
2) Level[dBm] results have calculated the antenna gain;
3) Antenna gain= U-NII-1: 5150 MHz to 5250 MHz: 2.82 dBi and U-NII-3: 5725 MHz to 5850 MHz: 2.82 dBi

5.2 Test Graph

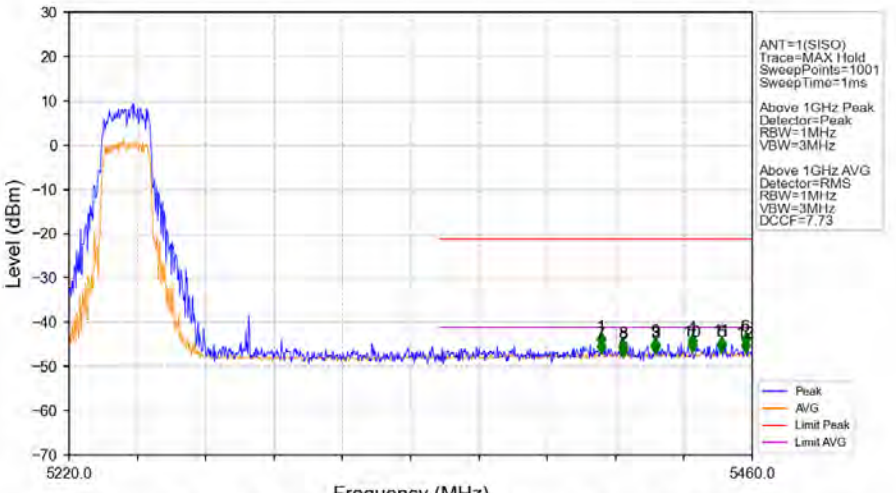
5.2.1 CSE

802.11a_LCH_5180MHz_Ant1_NTNV



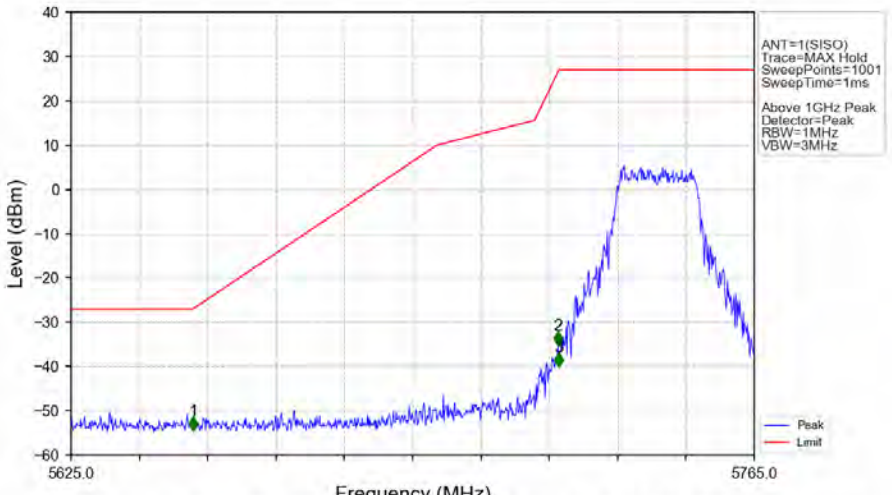
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5009.500	-47.17	-21.20	25.97	Pass	Peak	7	5009.500	-46.38	-41.20	5.18	Pass	AVG
2	5036.500	-47.42	-21.20	26.22	Pass	Peak	8	5036.500	-46.09	-41.20	4.89	Pass	AVG
3	5056.500	-44.50	-21.20	23.30	Pass	Peak	9	5056.500	-46.38	-41.20	5.18	Pass	AVG
4	5082.000	-46.03	-21.20	24.83	Pass	Peak	10	5082.000	-46.04	-41.20	4.84	Pass	AVG
5	5110.000	-47.70	-21.20	26.50	Pass	Peak	11	5110.000	-46.21	-41.20	5.01	Pass	AVG
6	5146.000	-44.07	-21.20	22.87	Pass	Peak	12	5146.000	-45.99	-41.20	4.79	Pass	AVG

802.11a_HCH_5240MHz_Ant1_NTNV



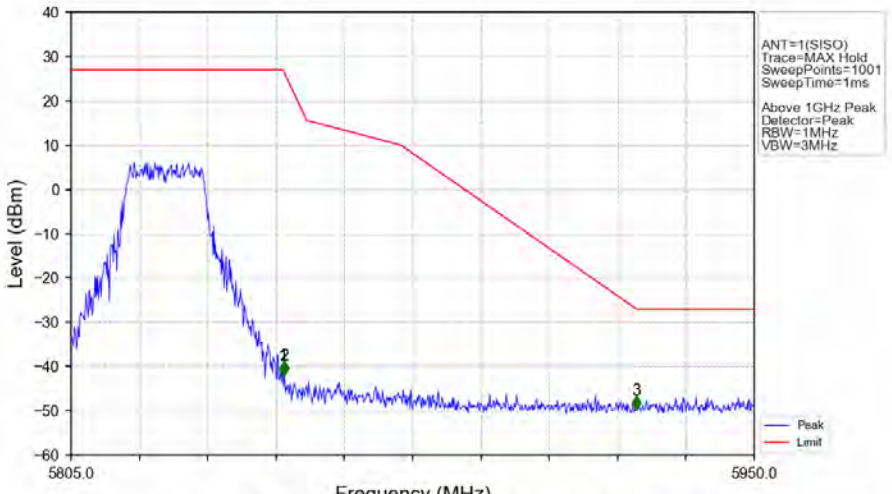
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5406.960	-45.42	-21.20	24.22	Pass	Peak	7	5406.960	-47.05	-41.20	5.85	Pass	AVG
2	5414.640	-47.82	-21.20	26.62	Pass	Peak	8	5414.640	-47.04	-41.20	5.84	Pass	AVG
3	5425.920	-46.93	-21.20	25.73	Pass	Peak	9	5425.920	-46.54	-41.20	5.34	Pass	AVG
4	5438.880	-45.77	-21.20	24.57	Pass	Peak	10	5438.880	-46.57	-41.20	5.37	Pass	AVG
5	5449.200	-46.61	-21.20	25.41	Pass	Peak	11	5449.200	-46.41	-41.20	5.21	Pass	AVG
6	5457.600	-45.27	-21.20	24.07	Pass	Peak	12	5457.600	-46.87	-41.20	5.67	Pass	AVG

802.11a_LCH_5745MHz_Ant1_NTNV



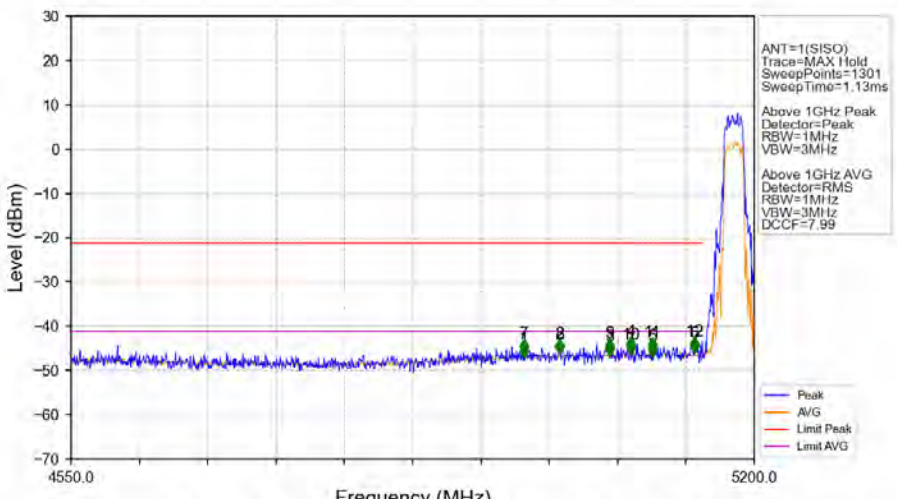
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-51.73	-27.00	24.73	Pass	Peak	3	5725.000	-37.28	27.00	64.28	Pass	Peak
2	5724.820	-32.37	26.59	58.96	Pass	Peak							

802.11a_HCH_5825MHz_Ant1_NTNV



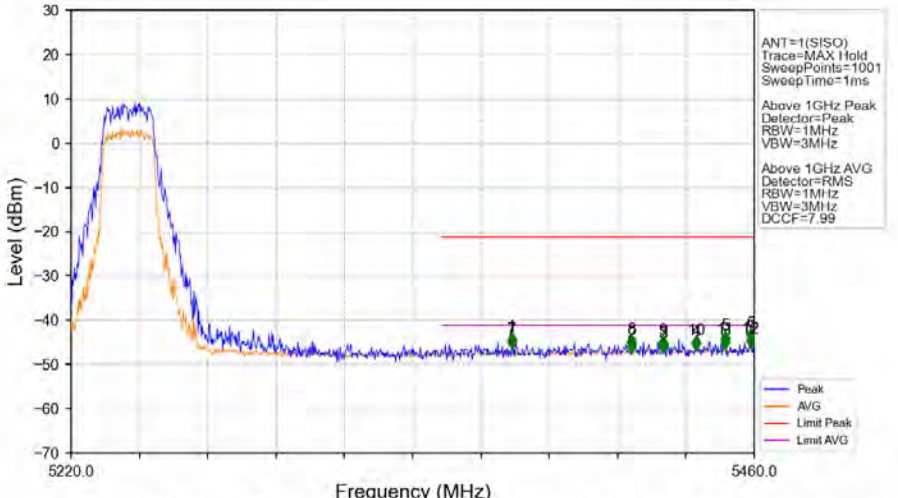
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-39.19	27.00	66.19	Pass	Peak	3	5925.000	-46.88	-27.00	19.88	Pass	Peak
2	5850.240	-39.16	26.45	65.61	Pass	Peak							

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



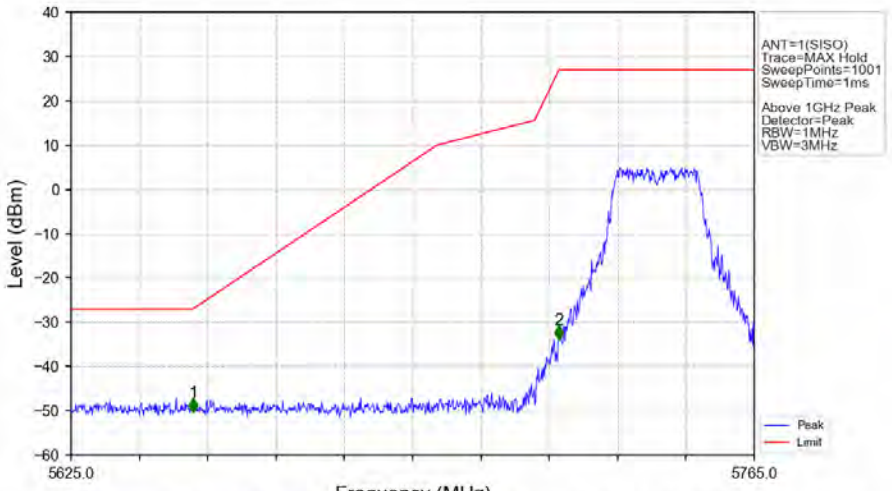
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4981.000	-47.01	-21.20	25.81	Pass	Peak	7	4981.000	-46.12	-41.20	4.92	Pass	AVG
2	5015.000	-46.07	-21.20	24.87	Pass	Peak	8	5015.000	-46.08	-41.20	4.88	Pass	AVG
3	5062.500	-46.59	-21.20	25.39	Pass	Peak	9	5062.500	-45.91	-41.20	4.71	Pass	AVG
4	5082.500	-45.58	-21.20	24.38	Pass	Peak	10	5082.500	-46.28	-41.20	5.08	Pass	AVG
5	5103.000	-46.72	-21.20	25.52	Pass	Peak	11	5103.000	-45.69	-41.20	4.49	Pass	AVG
6	5143.500	-45.84	-21.20	24.64	Pass	Peak	12	5143.500	-45.54	-41.20	4.34	Pass	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



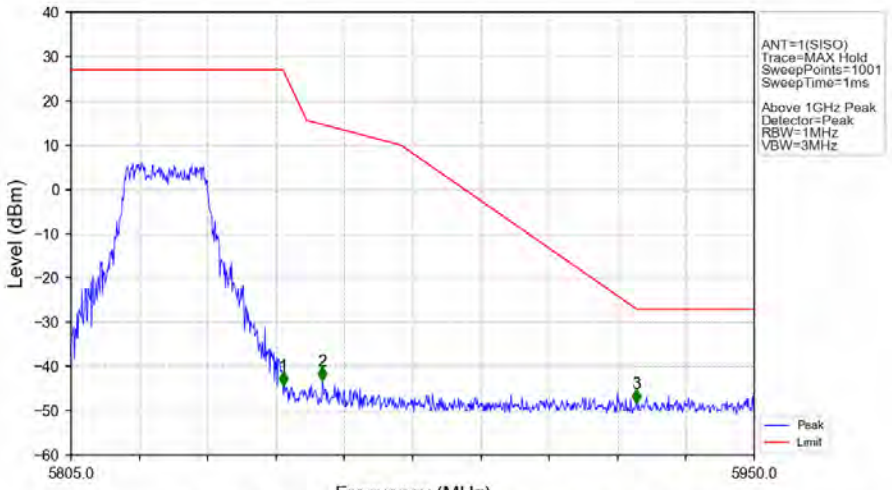
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5374.800	-45.82	-21.20	24.62	Pass	Peak	7	5374.800	-46.53	-41.20	5.33	Pass	AVG
2	5416.800	-47.32	-21.20	26.12	Pass	Peak	8	5416.800	-46.52	-41.20	5.32	Pass	AVG
3	5427.840	-47.34	-21.20	26.14	Pass	Peak	9	5427.840	-46.67	-41.20	5.47	Pass	AVG
4	5439.600	-46.81	-21.20	25.61	Pass	Peak	10	5439.600	-46.66	-41.20	5.46	Pass	AVG
5	5449.680	-45.49	-21.20	24.29	Pass	Peak	11	5449.680	-46.52	-41.20	5.32	Pass	AVG
6	5458.800	-44.98	-21.20	23.78	Pass	Peak	12	5458.800	-46.27	-41.20	5.07	Pass	AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



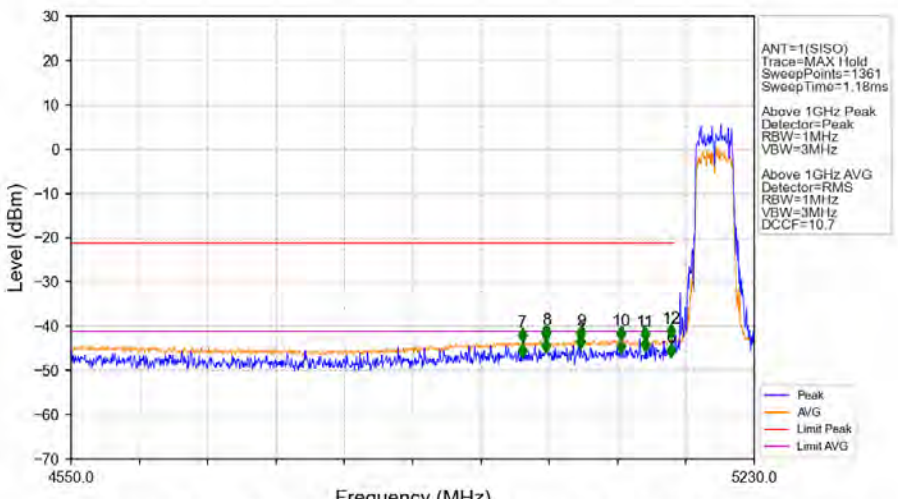
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-47.40	-27.00	20.40	Pass	Peak	2	5725.000	-31.05	27.00	58.05	Pass	Peak

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



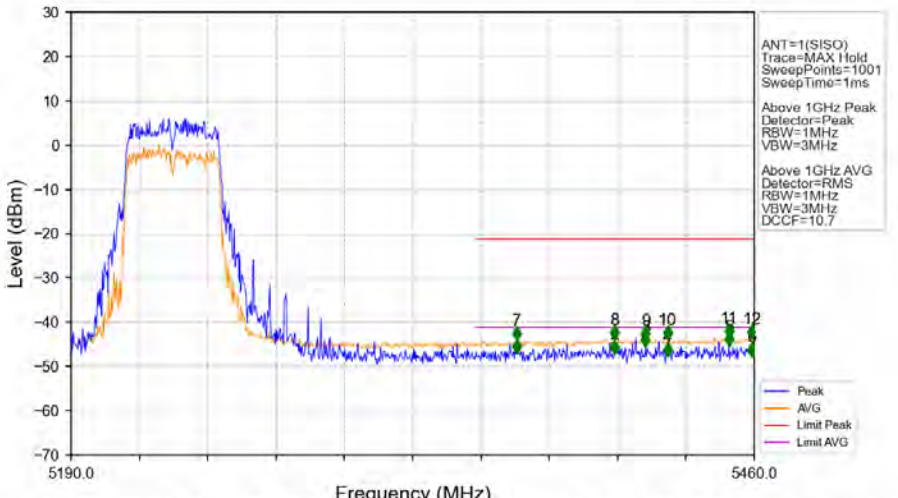
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-41.43	27.00	68.43	Pass	Peak	3	5925.000	-45.53	-27.00	18.53	Pass	Peak
2	5858.360	-40.43	14.66	55.09	Pass	Peak							

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



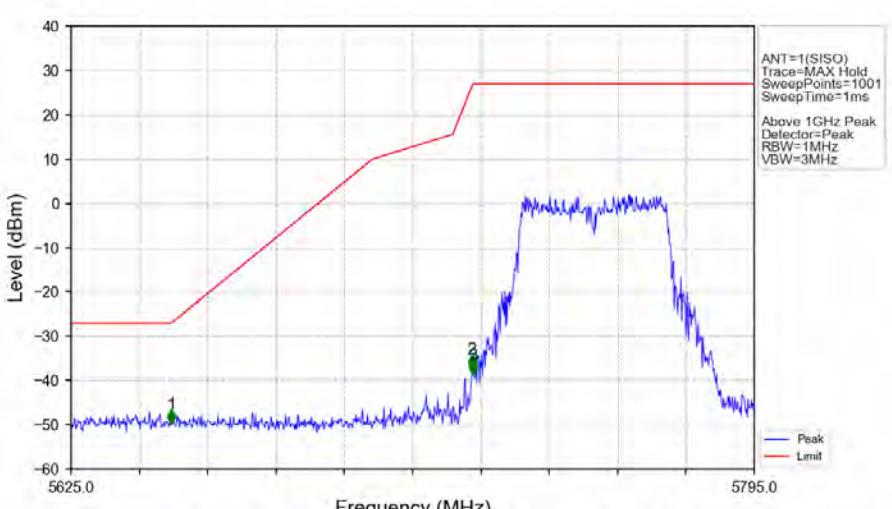
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4999.500	-46.96	-21.20	25.76	Pass	Peak	7	4999.500	-43.58	-41.20	2.38	Pass	AVG
2	5023.000	-45.97	-21.20	24.77	Pass	Peak	8	5023.000	-43.08	-41.20	1.88	Pass	AVG
3	5057.500	-44.91	-21.20	23.71	Pass	Peak	9	5057.500	-43.20	-41.20	2.00	Pass	AVG
4	5097.500	-46.04	-21.20	24.84	Pass	Peak	10	5097.500	-43.14	-41.20	1.94	Pass	AVG
5	5121.500	-45.80	-21.20	24.60	Pass	Peak	11	5121.500	-43.38	-41.20	2.18	Pass	AVG
6	5147.500	-47.02	-21.20	25.82	Pass	Peak	12	5147.500	-42.64	-41.20	1.44	Pass	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



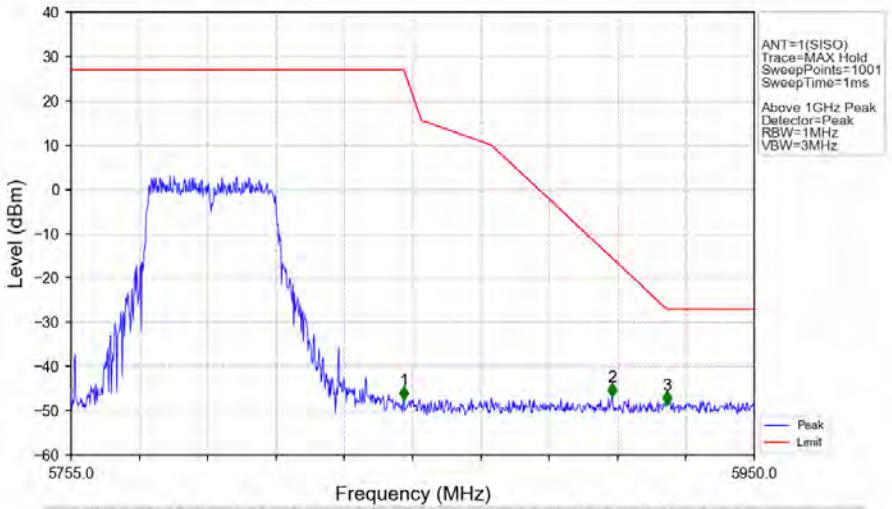
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5366.040	-47.07	-21.20	25.87	Pass	Peak	7	5366.040	-44.10	-41.20	2.90	Pass	AVG
2	5404.920	-47.20	-21.20	26.00	Pass	Peak	8	5404.920	-43.94	-41.20	2.74	Pass	AVG
3	5417.070	-45.62	-21.20	24.42	Pass	Peak	9	5417.070	-44.02	-41.20	2.82	Pass	AVG
4	5425.710	-47.76	-21.20	26.56	Pass	Peak	10	5425.710	-43.93	-41.20	2.73	Pass	AVG
5	5450.010	-45.35	-21.20	24.15	Pass	Peak	11	5450.010	-43.60	-41.20	2.40	Pass	AVG
6	5459.190	-47.71	-21.20	26.51	Pass	Peak	12	5459.190	-43.66	-41.20	2.46	Pass	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



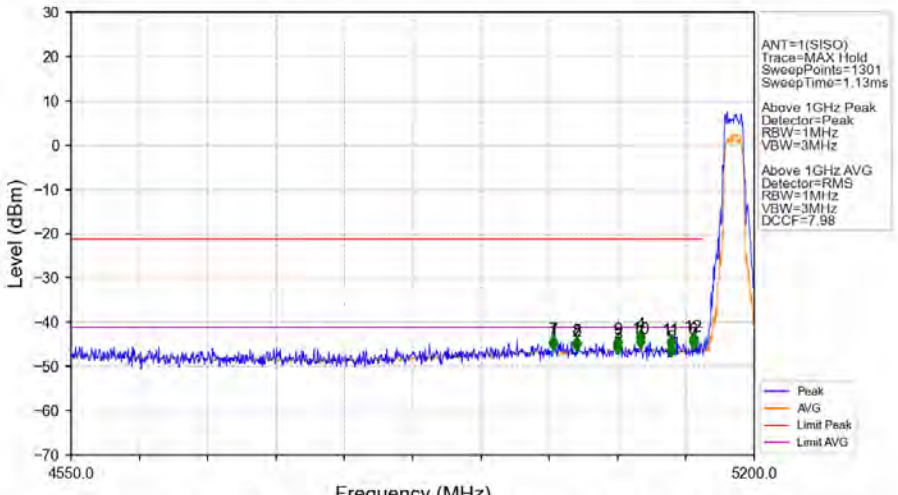
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-46.84	-27.00	19.84	Pass	Peak	3	5725.000	-35.82	27.00	62.82	Pass	Peak
2	5724.790	-34.50	26.52	61.02	Pass	Peak							

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



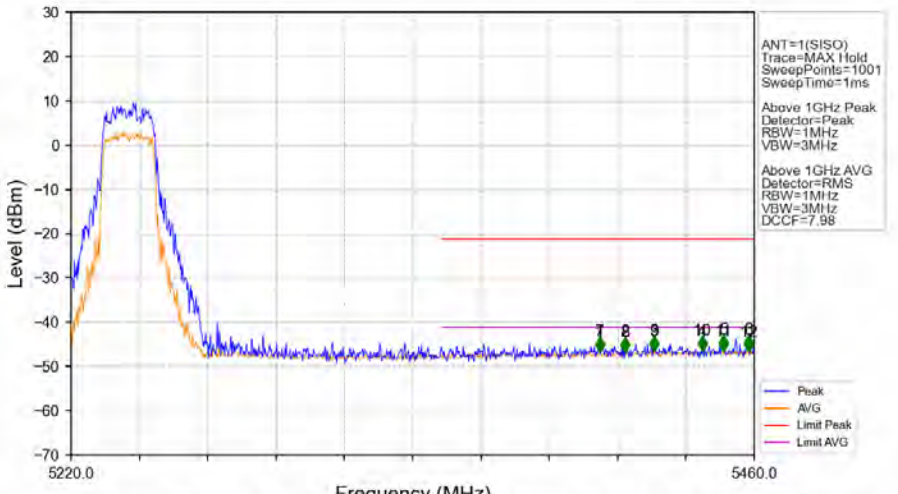
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-44.69	27.00	71.69	Pass	Peak	3	5925.000	-45.78	-27.00	18.78	Pass	Peak
2	5909.440	-44.09	-15.49	28.60	Pass	Peak							

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



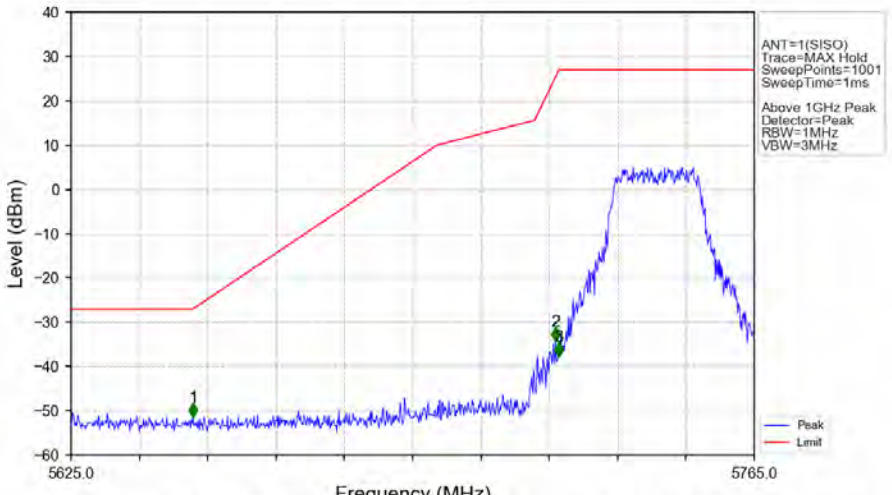
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5009.000	-46.23	-21.20	25.03	Pass	Peak	7	5009.000	-46.17	-41.20	4.97	Pass	AVG
2	5031.000	-46.40	-21.20	25.20	Pass	Peak	8	5031.000	-46.26	-41.20	5.06	Pass	AVG
3	5070.000	-47.14	-21.20	25.94	Pass	Peak	9	5070.000	-46.05	-41.20	4.85	Pass	AVG
4	5092.000	-44.87	-21.20	23.67	Pass	Peak	10	5092.000	-45.92	-41.20	4.72	Pass	AVG
5	5120.500	-47.65	-21.20	26.45	Pass	Peak	11	5120.500	-46.01	-41.20	4.81	Pass	AVG
6	5142.000	-46.08	-21.20	24.88	Pass	Peak	12	5142.000	-45.33	-41.20	4.13	Pass	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



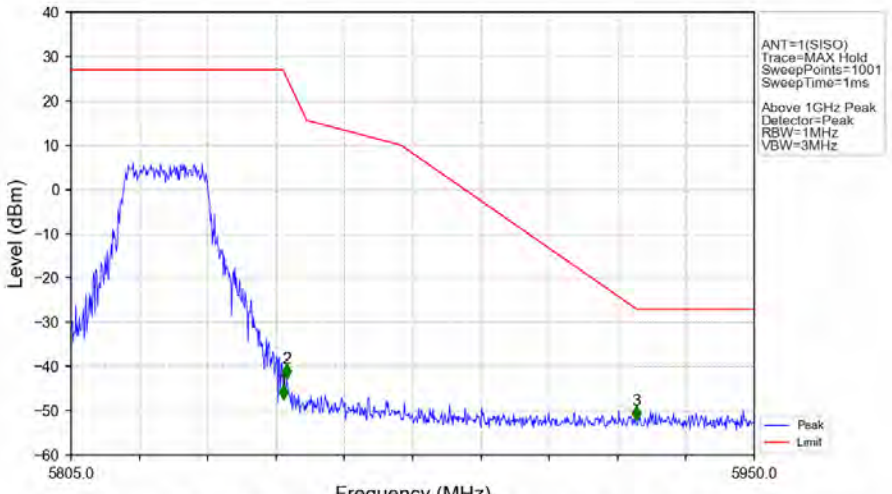
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5405.760	-46.65	-21.20	25.45	Pass	Peak	7	5405.760	-46.46	-41.20	5.26	Pass	AVG
2	5414.640	-46.54	-21.20	25.34	Pass	Peak	8	5414.640	-46.61	-41.20	5.41	Pass	AVG
3	5424.720	-46.24	-21.20	25.04	Pass	Peak	9	5424.720	-46.40	-41.20	5.20	Pass	AVG
4	5441.760	-46.53	-21.20	25.33	Pass	Peak	10	5441.760	-46.27	-41.20	5.07	Pass	AVG
5	5449.200	-46.10	-21.20	24.90	Pass	Peak	11	5449.200	-46.42	-41.20	5.22	Pass	AVG
6	5458.080	-46.01	-21.20	24.81	Pass	Peak	12	5458.080	-46.61	-41.20	5.41	Pass	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



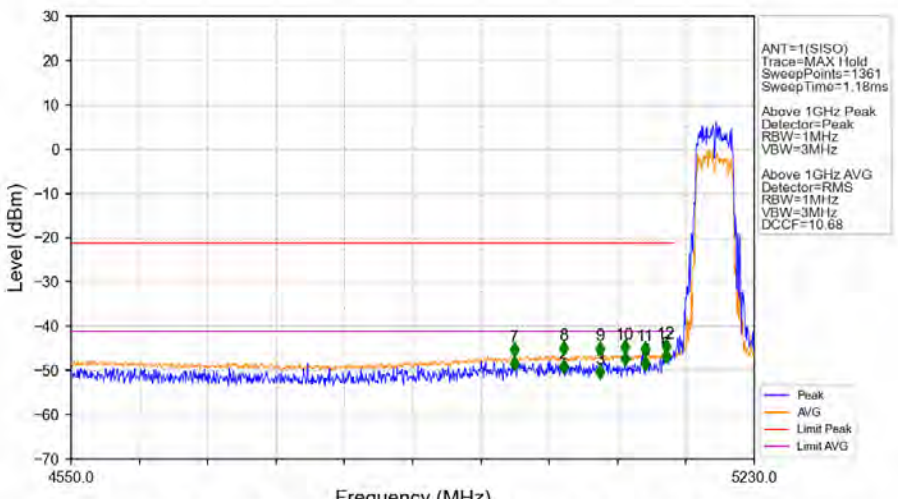
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-48.54	-27.00	21.54	Pass	Peak	3	5725.000	-34.93	27.00	61.93	Pass	Peak
2	5724.260	-31.40	25.31	56.71	Pass	Peak							

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



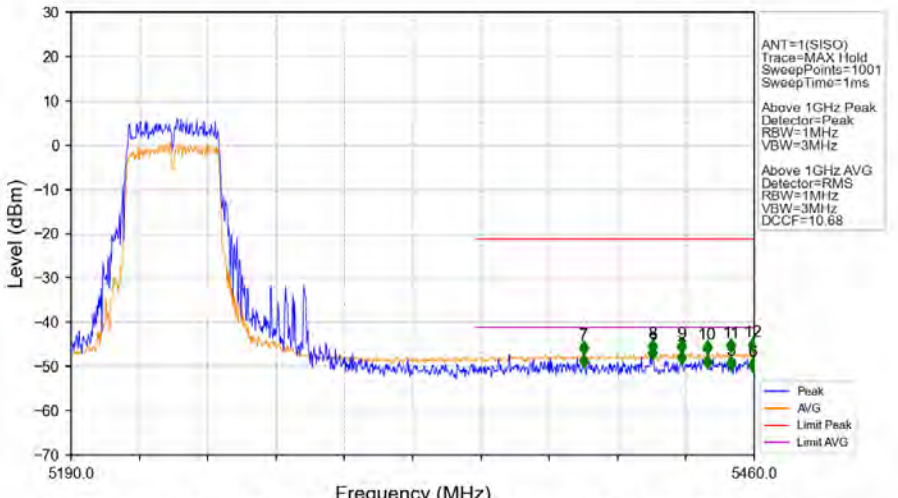
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-44.50	27.00	71.50	Pass	Peak	3	5925.000	-49.32	-27.00	22.32	Pass	Peak
2	5850.820	-39.83	25.13	64.96	Pass	Peak							

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



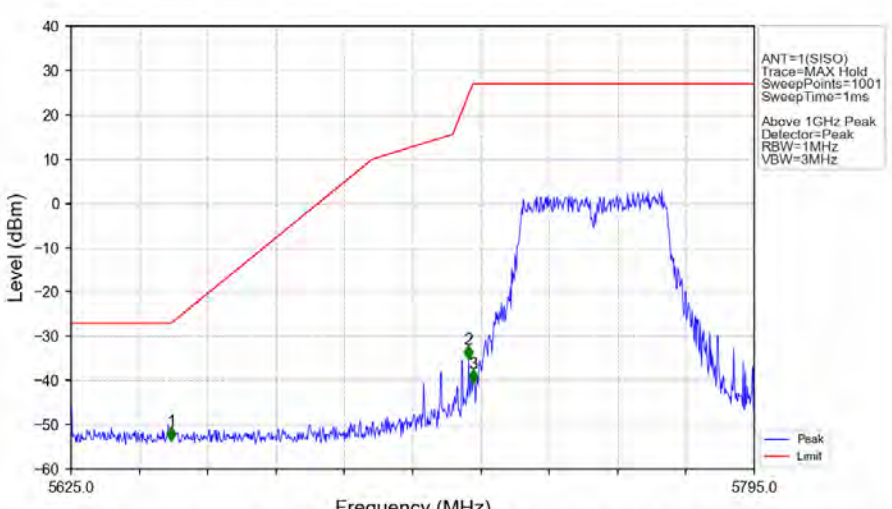
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4991.000	-49.99	-21.20	28.79	Pass	Peak	7	4991.000	-46.76	-41.20	5.56	Pass	AVG
2	5040.000	-50.67	-21.20	29.47	Pass	Peak	8	5040.000	-46.43	-41.20	5.23	Pass	AVG
3	5076.500	-51.86	-21.20	30.66	Pass	Peak	9	5076.500	-46.54	-41.20	5.34	Pass	AVG
4	5101.000	-48.83	-21.20	27.63	Pass	Peak	10	5101.000	-46.30	-41.20	5.10	Pass	AVG
5	5121.500	-49.95	-21.20	28.75	Pass	Peak	11	5121.500	-46.57	-41.20	5.37	Pass	AVG
6	5142.000	-48.20	-21.20	27.00	Pass	Peak	12	5142.000	-46.11	-41.20	4.91	Pass	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



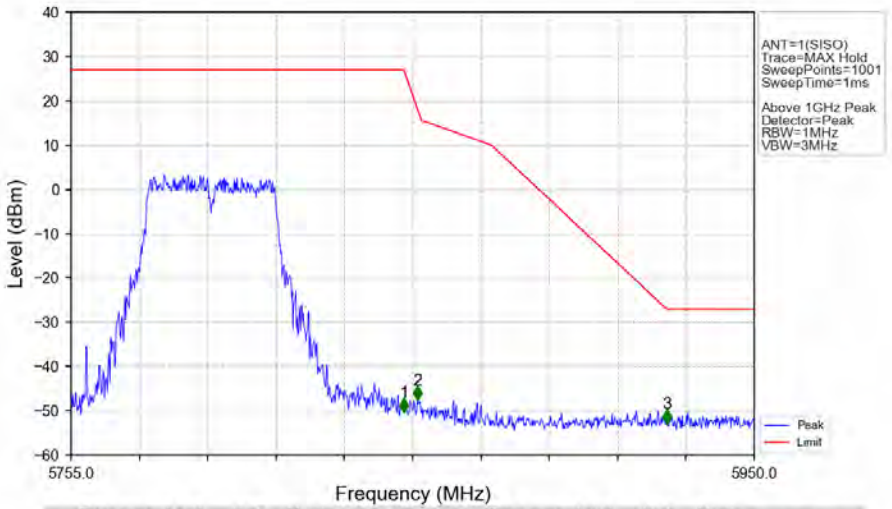
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5392.500	-50.21	-21.20	29.01	Pass	Peak	7	5392.500	-47.33	-41.20	6.13	Pass	AVG
2	5419.770	-48.41	-21.20	27.21	Pass	Peak	8	5419.770	-46.95	-41.20	5.75	Pass	AVG
3	5431.380	-49.55	-21.20	28.35	Pass	Peak	9	5431.380	-46.92	-41.20	5.72	Pass	AVG
4	5441.370	-50.37	-21.20	29.17	Pass	Peak	10	5441.370	-47.11	-41.20	5.91	Pass	AVG
5	5450.820	-50.76	-21.20	29.56	Pass	Peak	11	5450.820	-46.84	-41.20	5.64	Pass	AVG
6	5459.460	-51.09	-21.20	29.89	Pass	Peak	12	5459.460	-46.55	-41.20	5.35	Pass	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



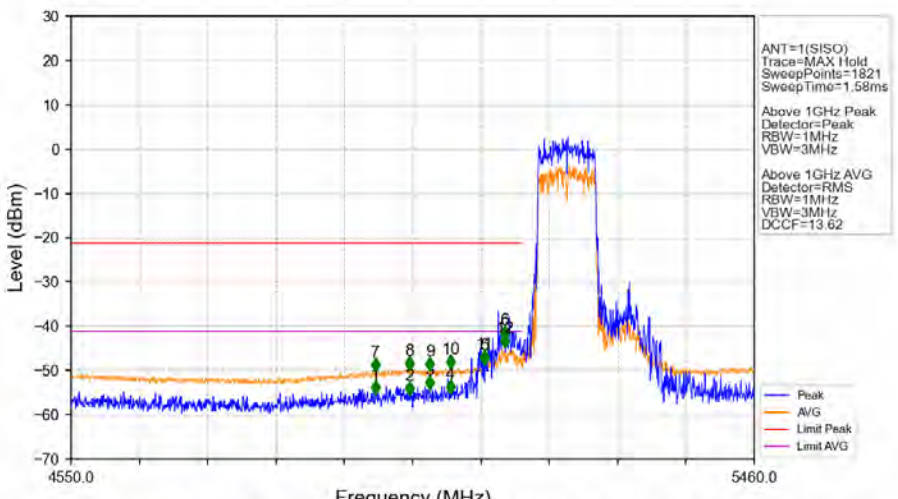
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-50.71	-27.00	23.71	Pass	Peak	3	5725.000	-37.76	27.00	64.76	Pass	Peak
2	5723.940	-32.39	24.58	56.97	Pass	Peak							

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



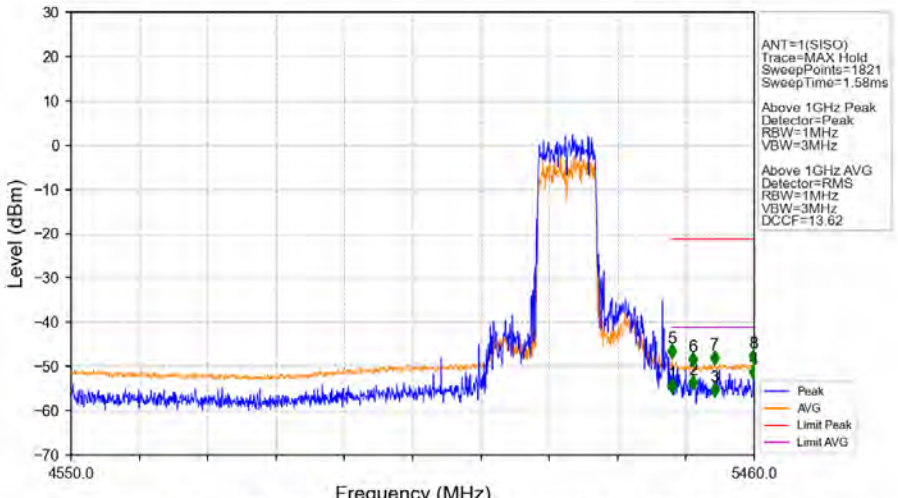
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-47.43	27.00	74.43	Pass	Peak	3	5925.000	-50.02	-27.00	23.02	Pass	Peak
2	5853.865	-44.75	18.19	62.94	Pass	Peak							

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



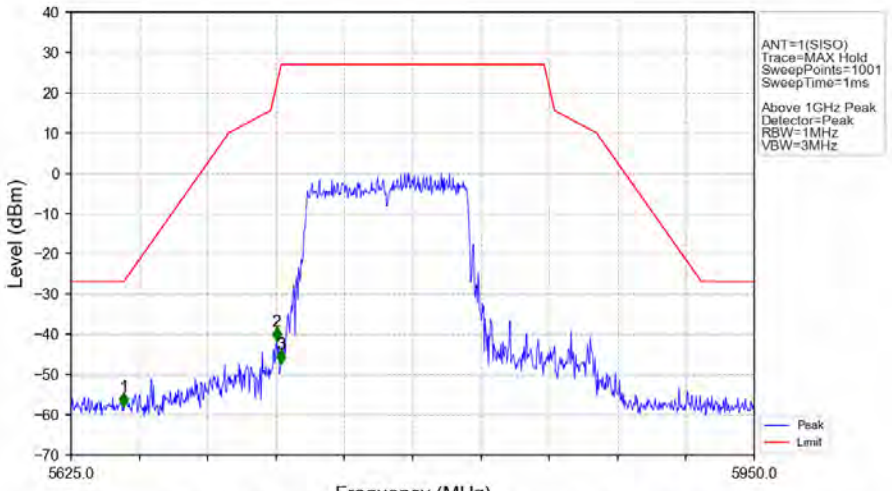
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4955.000	-55.35	-21.20	34.15	Pass	Peak	7	4955.000	-50.21	-41.20	9.01	Pass	AVG
2	5000.500	-55.50	-21.20	34.30	Pass	Peak	8	5000.500	-49.84	-41.20	8.64	Pass	AVG
3	5028.000	-54.35	-21.20	33.15	Pass	Peak	9	5028.000	-50.04	-41.20	8.84	Pass	AVG
4	5055.500	-55.15	-21.20	33.95	Pass	Peak	10	5055.500	-49.60	-41.20	8.40	Pass	AVG
5	5100.500	-48.68	-21.20	27.48	Pass	Peak	11	5100.500	-48.37	-41.20	7.17	Pass	AVG
6	5128.000	-42.91	-21.20	21.71	Pass	Peak	12	5128.000	-44.82	-41.20	3.62	Pass	AVG

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



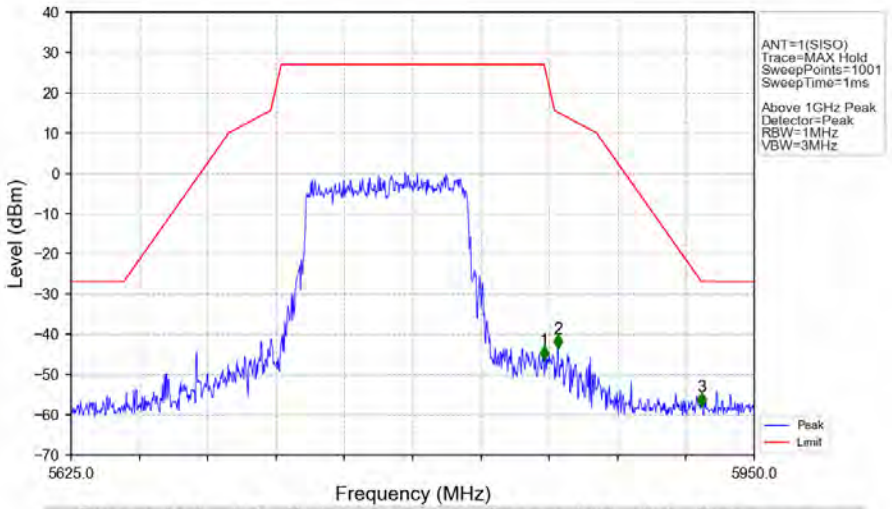
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5350.500	-55.97	-21.20	34.77	Pass	Peak	5	5350.500	-48.05	-41.20	6.85	Pass	AVG
2	5378.000	-55.16	-21.20	33.96	Pass	Peak	6	5378.000	-49.85	-41.20	8.65	Pass	AVG
3	5407.500	-56.78	-21.20	35.58	Pass	Peak	7	5407.500	-49.55	-41.20	8.35	Pass	AVG
4	5459.000	-52.82	-21.20	31.62	Pass	Peak	8	5459.000	-49.17	-41.20	7.97	Pass	AVG

802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



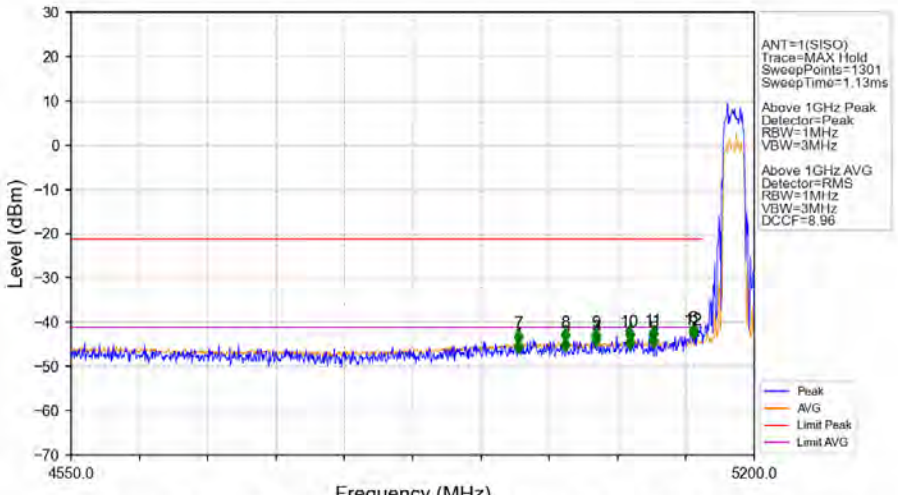
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-55.06	-27.00	28.06	Pass	Peak	3	5725.000	-44.40	27.00	71.40	Pass	Peak
2	5722.825	-38.90	22.04	60.94	Pass	Peak							

802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



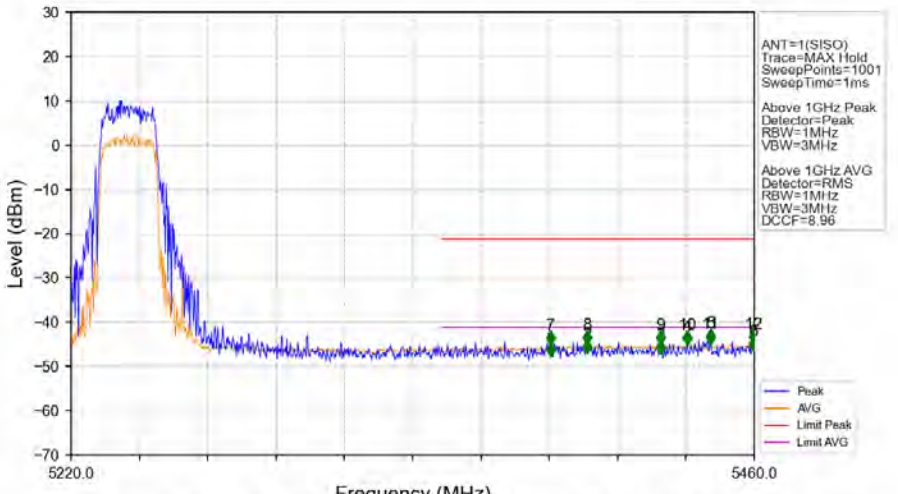
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-43.50	27.00	70.50	Pass	AVG	3	5925.000	-55.13	-27.00	28.13	Pass	AVG
2	5856.725	-40.66	15.12	55.78	Pass	AVG							

802.11ax(HEW20)_LCH_5180MHz_SU_ / _Ant1_NTNV



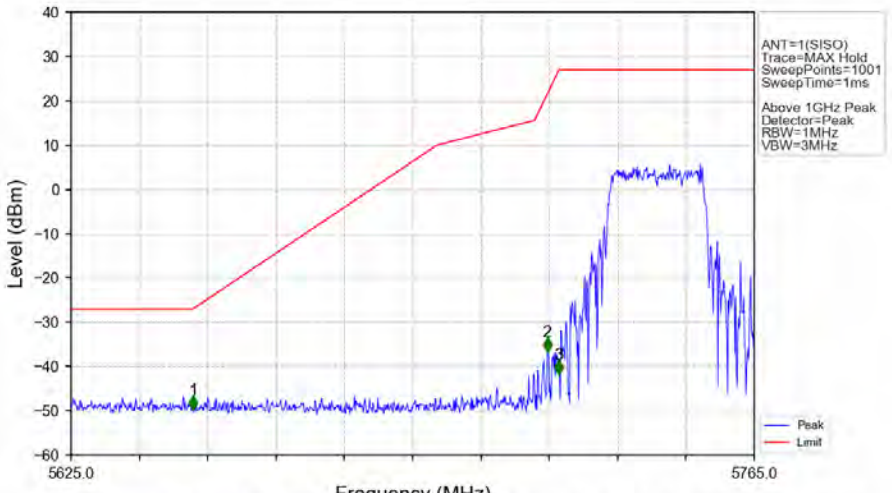
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4976.000	-46.97	-21.20	25.77	Pass	Peak	7	4976.000	-44.72	-41.20	3.52	Pass	AVG
2	5020.500	-46.60	-21.20	25.40	Pass	Peak	8	5020.500	-44.50	-41.20	3.30	Pass	AVG
3	5049.500	-45.39	-21.20	24.19	Pass	Peak	9	5049.500	-44.45	-41.20	3.25	Pass	AVG
4	5081.500	-46.14	-21.20	24.94	Pass	Peak	10	5081.500	-44.23	-41.20	3.03	Pass	AVG
5	5104.000	-45.64	-21.20	24.44	Pass	Peak	11	5104.000	-44.10	-41.20	2.90	Pass	AVG
6	5142.000	-43.30	-21.20	22.10	Pass	Peak	12	5142.000	-43.93	-41.20	2.73	Pass	AVG

802.11ax(HEW20)_HCH_5240MHz_SU_ / _Ant1_NTNV



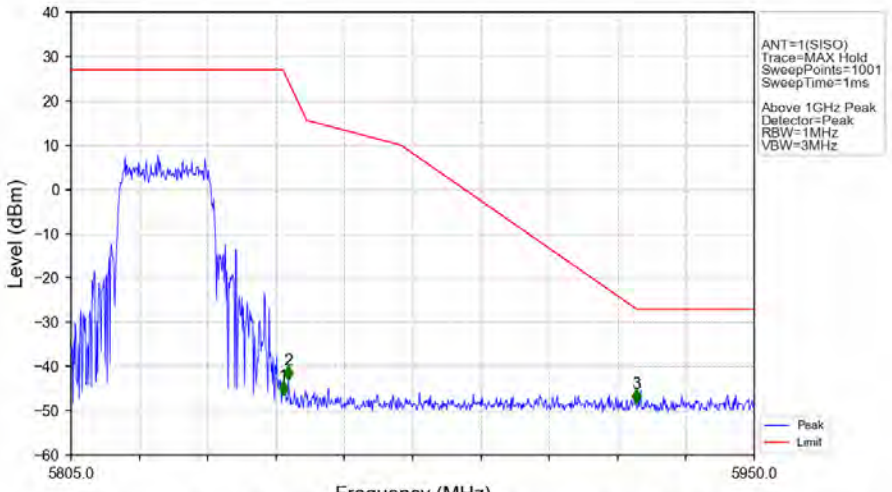
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5388.480	-47.78	-21.20	26.58	Pass	Peak	7	5388.480	-45.24	-41.20	4.04	Pass	AVG
2	5401.200	-47.07	-21.20	25.87	Pass	Peak	8	5401.200	-44.97	-41.20	3.77	Pass	AVG
3	5427.120	-47.22	-21.20	26.02	Pass	Peak	9	5427.120	-45.01	-41.20	3.81	Pass	AVG
4	5436.480	-45.19	-21.20	23.99	Pass	Peak	10	5436.480	-45.05	-41.20	3.85	Pass	AVG
5	5444.640	-44.71	-21.20	23.51	Pass	Peak	11	5444.640	-44.90	-41.20	3.70	Pass	AVG
6	5459.760	-46.53	-21.20	25.33	Pass	Peak	12	5459.760	-44.86	-41.20	3.66	Pass	AVG

802.11ax(HEW20)_LCH_5745MHz_SU_ / _Ant1_NTNV



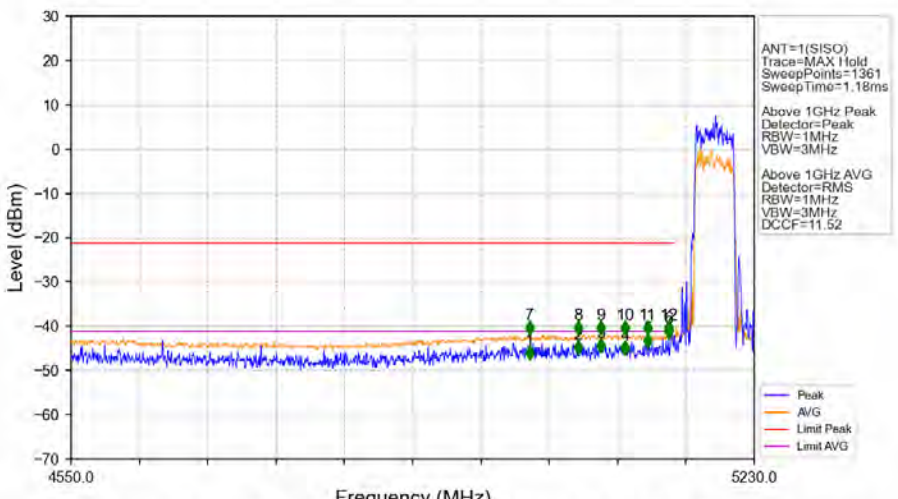
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-46.88	-27.00	19.88	Pass	Peak	3	5725.000	-38.86	27.00	65.86	Pass	Peak
2	5722.580	-33.79	21.48	55.27	Pass	Peak							

802.11ax(HEW20)_HCH_5825MHz_SU_ / _Ant1_NTNV



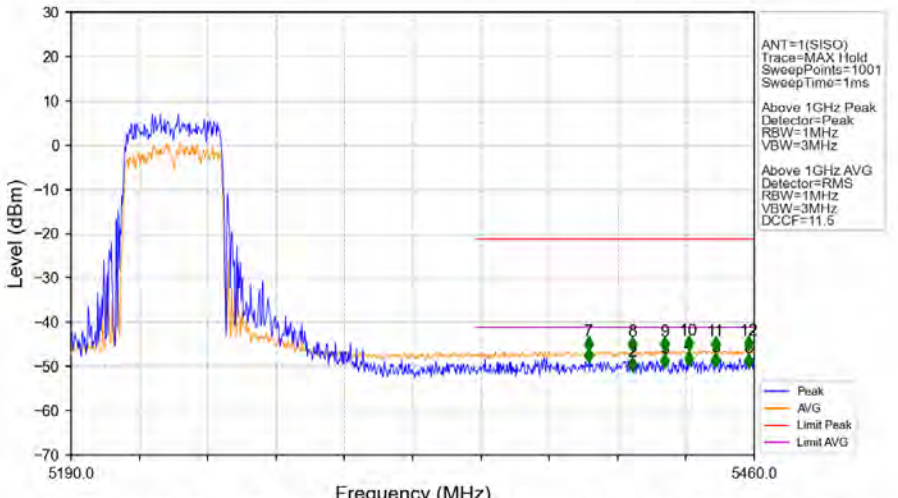
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-43.68	27.00	70.68	Pass	Peak	3	5925.000	-45.55	-27.00	18.55	Pass	Peak
2	5851.110	-40.20	24.47	64.67	Pass	Peak							

802.11ax(HEW40)_LCH_5190MHz_SU_ / _Ant1_NTNV



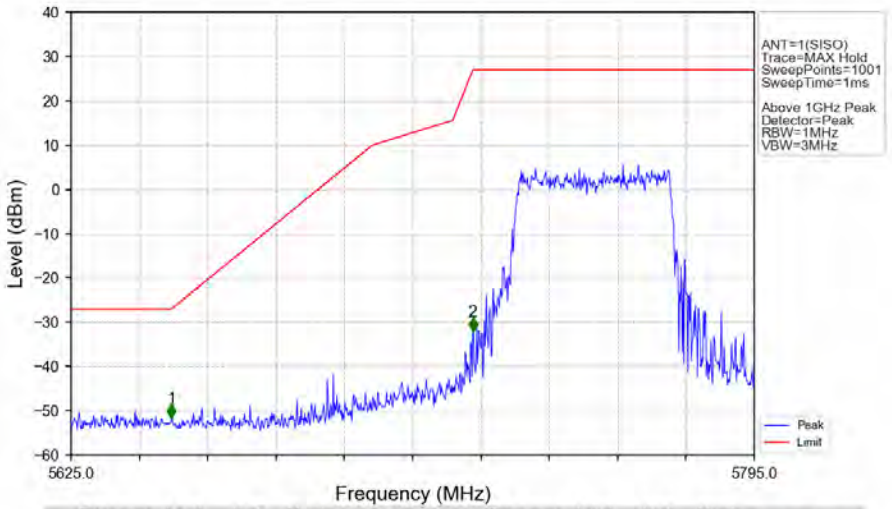
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5006.500	-47.47	-21.20	26.27	Pass	Peak	7	5006.500	-41.86	-41.20	0.66	Pass	AVG
2	5055.000	-46.24	-21.20	25.04	Pass	Peak	8	5055.000	-41.87	-41.20	0.67	Pass	AVG
3	5077.500	-45.96	-21.20	24.76	Pass	Peak	9	5077.500	-41.98	-41.20	0.78	Pass	AVG
4	5101.500	-46.46	-21.20	25.26	Pass	Peak	10	5101.500	-41.92	-41.20	0.72	Pass	AVG
5	5124.000	-44.86	-21.20	23.66	Pass	Peak	11	5124.000	-41.81	-41.20	0.61	Pass	AVG
6	5145.000	-42.55	-21.20	21.35	Pass	Peak	12	5145.000	-41.83	-41.20	0.63	Pass	AVG

802.11ax(HEW40)_HCH_5230MHz_SU_ / _Ant1_NTNV



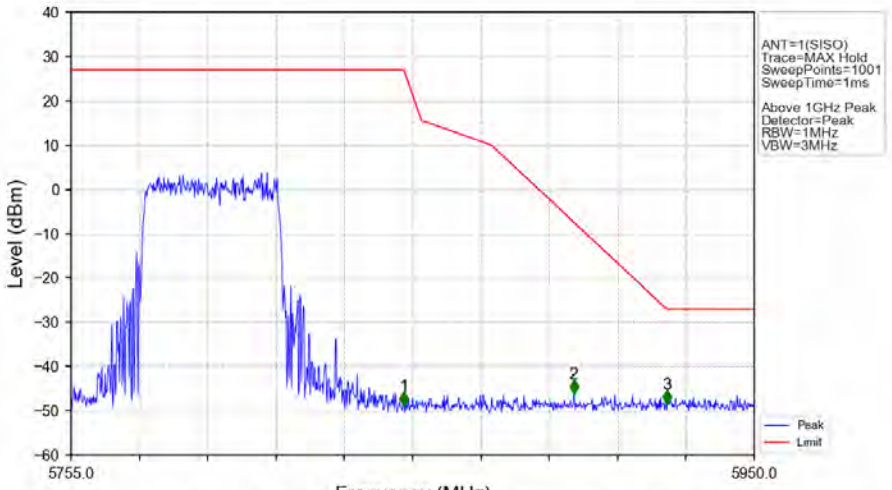
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5394.660	-49.05	-21.20	27.85	Pass	Peak	7	5394.660	-46.50	-41.20	5.30	Pass	AVG
2	5411.940	-50.94	-21.20	29.74	Pass	Peak	8	5411.940	-46.52	-41.20	5.32	Pass	AVG
3	5424.630	-50.24	-21.20	29.04	Pass	Peak	9	5424.630	-46.45	-41.20	5.25	Pass	AVG
4	5434.080	-49.81	-21.20	28.61	Pass	Peak	10	5434.080	-46.22	-41.20	5.02	Pass	AVG
5	5444.610	-50.07	-21.20	28.87	Pass	Peak	11	5444.610	-46.37	-41.20	5.17	Pass	AVG
6	5457.840	-50.32	-21.20	29.12	Pass	Peak	12	5457.840	-46.18	-41.20	4.98	Pass	AVG

802.11ax(HEW40)_LCH_5755MHz_SU_ / _Ant1_NTNV



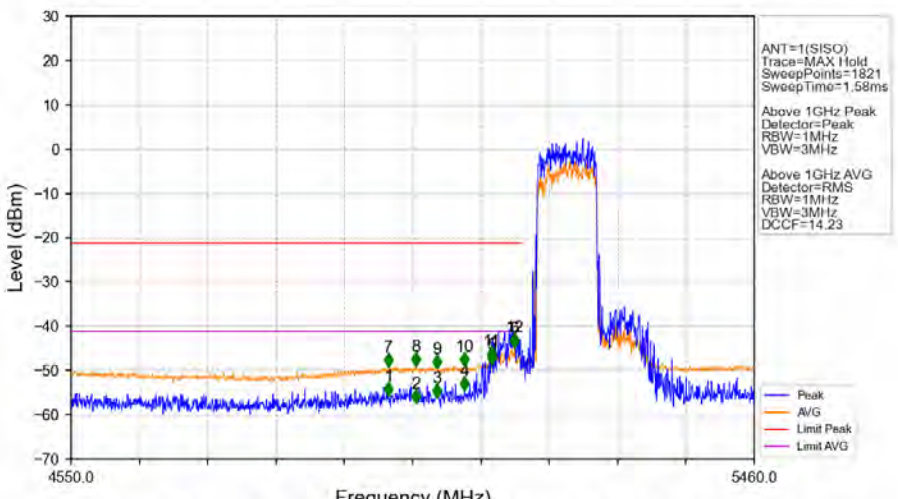
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-48.83	-27.00	21.83	Pass	Peak	2	5725.000	-29.34	27.00	56.34	Pass	Peak

802.11ax(HEW40)_HCH_5795MHz_SU_ / _Ant1_NTNV



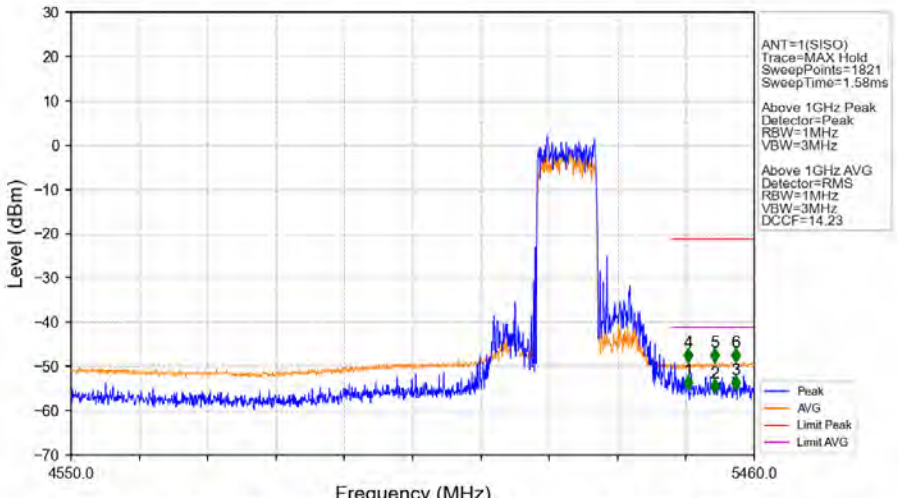
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-45.96	27.00	72.96	Pass	Peak	3	5925.000	-45.72	-27.00	18.72	Pass	Peak
2	5898.520	-43.23	-7.40	35.83	Pass	Peak							

802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV



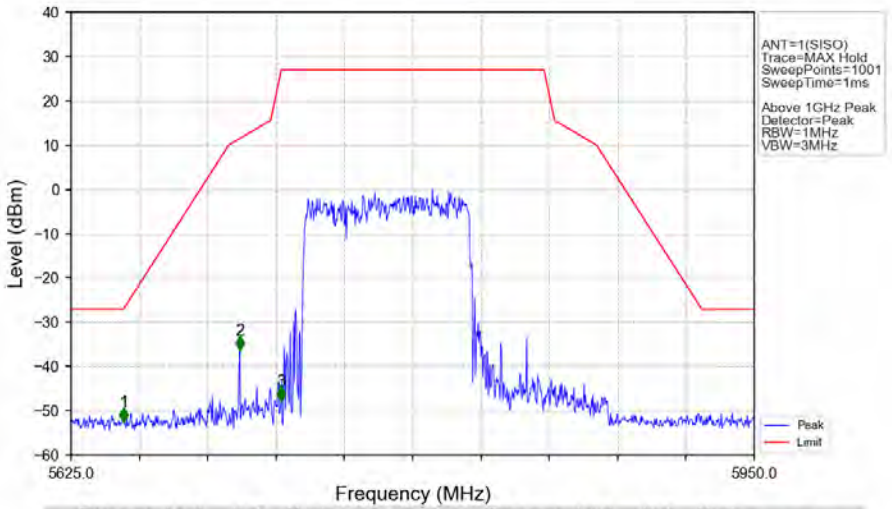
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	4973.000	-55.67	-21.20	34.47	Pass	Peak	7	4973.000	-49.20	-41.20	8.00	Pass	AVG
2	5009.500	-57.37	-21.20	36.17	Pass	Peak	8	5009.500	-49.07	-41.20	7.87	Pass	AVG
3	5037.000	-56.12	-21.20	34.92	Pass	Peak	9	5037.000	-49.51	-41.20	8.31	Pass	AVG
4	5074.000	-54.42	-21.20	33.22	Pass	Peak	10	5074.000	-49.08	-41.20	7.88	Pass	AVG
5	5110.500	-48.55	-21.20	27.35	Pass	Peak	11	5110.500	-47.76	-41.20	6.56	Pass	AVG
6	5140.500	-44.75	-21.20	23.55	Pass	Peak	12	5140.500	-44.66	-41.20	3.46	Pass	AVG

802.11ax(HEW80)_MCH_5210MHz_SU_ / _Ant1_NTNV



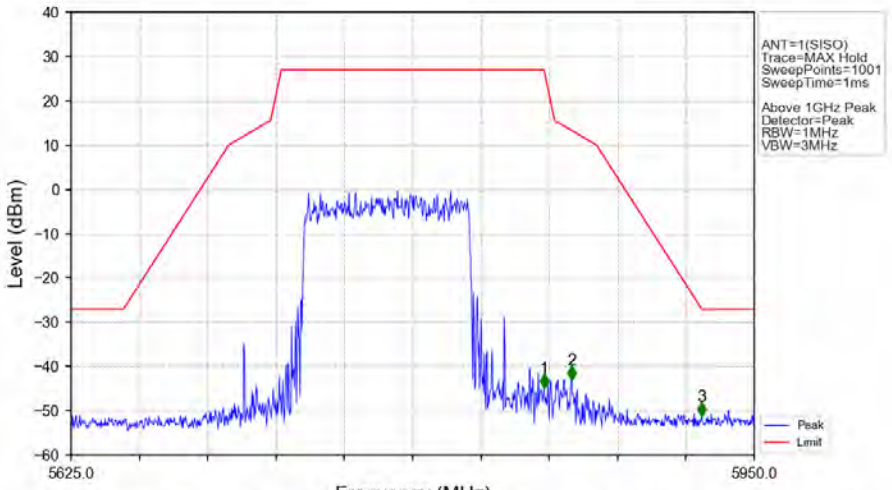
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5372.000	-55.20	-21.20	34.00	Pass	Peak	4	5372.000	-49.01	-41.20	7.81	Pass	AVG
2	5407.000	-55.90	-21.20	34.70	Pass	Peak	5	5407.000	-48.98	-41.20	7.78	Pass	AVG
3	5435.500	-55.27	-21.20	34.07	Pass	Peak	6	5435.500	-48.98	-41.20	7.78	Pass	AVG

802.11ax(HEW80)_MCH_5775MHz_SU_ / _Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.65	-27.00	22.65	Pass	Peak	3	5725.000	-44.99	27.00	71.99	Pass	Peak
2	5705.275	-33.51	11.48	44.99	Pass	Peak							

802.11ax(HEW80)_MCH_5775MHz_SU_ / _Ant1_NTNV



No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-42.08	27.00	69.08	Pass	AVG	3	5925.000	-48.45	-27.00	21.45	Pass	AVG
2	5863.225	-40.11	13.30	53.41	Pass	AVG							

6. Frequency Stability

6.1 Test Result

6.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5180	20	LV	5179.964	5150 to 5250	Pass
				NV	5179.963	5150 to 5250	Pass
				HV	5179.963	5150 to 5250	Pass
			-30	NV	5179.963	5150 to 5250	Pass
			-20	NV	5179.963	5150 to 5250	Pass
			-10	NV	5179.963	5150 to 5250	Pass
			0	NV	5179.963	5150 to 5250	Pass
			10	NV	5179.963	5150 to 5250	Pass
			30	NV	5179.963	5150 to 5250	Pass
			40	NV	5179.963	5150 to 5250	Pass
			50	NV	5179.963	5150 to 5250	Pass
		5200	20	LV	5199.963	5150 to 5250	Pass
				NV	5199.963	5150 to 5250	Pass
				HV	5199.963	5150 to 5250	Pass
			-30	NV	5199.963	5150 to 5250	Pass
			-20	NV	5199.963	5150 to 5250	Pass
			-10	NV	5199.963	5150 to 5250	Pass
			0	NV	5199.963	5150 to 5250	Pass
			10	NV	5199.963	5150 to 5250	Pass
			30	NV	5199.962	5150 to 5250	Pass
			40	NV	5199.962	5150 to 5250	Pass
			50	NV	5199.962	5150 to 5250	Pass
		5240	20	LV	5239.962	5150 to 5250	Pass
				NV	5239.962	5150 to 5250	Pass
				HV	5239.962	5150 to 5250	Pass
			-30	NV	5239.962	5150 to 5250	Pass
			-20	NV	5239.962	5150 to 5250	Pass
			-10	NV	5239.962	5150 to 5250	Pass
			0	NV	5239.962	5150 to 5250	Pass
			10	NV	5239.962	5150 to 5250	Pass
			30	NV	5239.962	5150 to 5250	Pass
			40	NV	5239.962	5150 to 5250	Pass
			50	NV	5239.962	5150 to 5250	Pass
		5745	20	LV	5744.958	5725 to 5850	Pass
				NV	5744.958	5725 to 5850	Pass
				HV	5744.958	5725 to 5850	Pass
			-30	NV	5744.958	5725 to 5850	Pass
			-20	NV	5744.958	5725 to 5850	Pass
			-10	NV	5744.958	5725 to 5850	Pass
			0	NV	5744.958	5725 to 5850	Pass
			10	NV	5744.958	5725 to 5850	Pass
			30	NV	5744.958	5725 to 5850	Pass

			40	NV	5744.958	5725 to 5850	Pass
			50	NV	5744.958	5725 to 5850	Pass
		5785	20	LV	5784.958	5725 to 5850	Pass
				NV	5784.958	5725 to 5850	Pass
				HV	5784.958	5725 to 5850	Pass
			-30	NV	5784.957	5725 to 5850	Pass
			-20	NV	5784.958	5725 to 5850	Pass
			-10	NV	5784.958	5725 to 5850	Pass
			0	NV	5784.957	5725 to 5850	Pass
			10	NV	5784.957	5725 to 5850	Pass
			30	NV	5784.957	5725 to 5850	Pass
			40	NV	5784.957	5725 to 5850	Pass
			50	NV	5784.957	5725 to 5850	Pass
		5825	20	LV	5824.957	5725 to 5850	Pass
				NV	5824.957	5725 to 5850	Pass
				HV	5824.957	5725 to 5850	Pass
			-30	NV	5824.957	5725 to 5850	Pass
			-20	NV	5824.957	5725 to 5850	Pass
			-10	NV	5824.957	5725 to 5850	Pass
			0	NV	5824.957	5725 to 5850	Pass
			10	NV	5824.957	5725 to 5850	Pass
			30	NV	5824.957	5725 to 5850	Pass
			40	NV	5824.957	5725 to 5850	Pass
			50	NV	5824.957	5725 to 5850	Pass
		5190	20	LV	5189.962	5150 to 5250	Pass
				NV	5189.962	5150 to 5250	Pass
				HV	5189.962	5150 to 5250	Pass
			-30	NV	5189.962	5150 to 5250	Pass
			-20	NV	5189.962	5150 to 5250	Pass
			-10	NV	5189.962	5150 to 5250	Pass
			0	NV	5189.962	5150 to 5250	Pass
			10	NV	5189.962	5150 to 5250	Pass
			30	NV	5189.962	5150 to 5250	Pass
			40	NV	5189.962	5150 to 5250	Pass
			50	NV	5189.962	5150 to 5250	Pass
		5230	20	LV	5229.961	5150 to 5250	Pass
				NV	5229.962	5150 to 5250	Pass
				HV	5229.961	5150 to 5250	Pass
			-30	NV	5229.961	5150 to 5250	Pass
			-20	NV	5229.961	5150 to 5250	Pass
			-10	NV	5229.961	5150 to 5250	Pass
			0	NV	5229.962	5150 to 5250	Pass
			10	NV	5229.961	5150 to 5250	Pass
			30	NV	5229.961	5150 to 5250	Pass
			40	NV	5229.961	5150 to 5250	Pass
			50	NV	5229.961	5150 to 5250	Pass
		5755	20	LV	5754.958	5725 to 5850	Pass
				NV	5754.958	5725 to 5850	Pass
				HV	5754.958	5725 to 5850	Pass
			-30	NV	5754.957	5725 to 5850	Pass
			-20	NV	5754.958	5725 to 5850	Pass
			-10	NV	5754.958	5725 to 5850	Pass

			0	NV	5754.958	5725 to 5850	Pass
			10	NV	5754.958	5725 to 5850	Pass
			30	NV	5754.958	5725 to 5850	Pass
			40	NV	5754.957	5725 to 5850	Pass
			50	NV	5754.957	5725 to 5850	Pass
		5795	20	LV	5794.957	5725 to 5850	Pass
				NV	5794.957	5725 to 5850	Pass
				HV	5794.957	5725 to 5850	Pass
			-30	NV	5794.957	5725 to 5850	Pass
			-20	NV	5794.957	5725 to 5850	Pass
			-10	NV	5794.957	5725 to 5850	Pass
			0	NV	5794.957	5725 to 5850	Pass
			10	NV	5794.957	5725 to 5850	Pass
			30	NV	5794.957	5725 to 5850	Pass
			40	NV	5794.957	5725 to 5850	Pass
			50	NV	5794.957	5725 to 5850	Pass
		5210	20	LV	5209.962	5150 to 5250	Pass
				NV	5209.962	5150 to 5250	Pass
				HV	5209.962	5150 to 5250	Pass
			-30	NV	5209.962	5150 to 5250	Pass
			-20	NV	5209.962	5150 to 5250	Pass
			-10	NV	5209.962	5150 to 5250	Pass
			0	NV	5209.962	5150 to 5250	Pass
			10	NV	5209.962	5150 to 5250	Pass
			30	NV	5209.962	5150 to 5250	Pass
			40	NV	5209.962	5150 to 5250	Pass
			50	NV	5209.962	5150 to 5250	Pass
		5775	20	LV	5774.958	5725 to 5850	Pass
				NV	5774.958	5725 to 5850	Pass
				HV	5774.958	5725 to 5850	Pass
			-30	NV	5774.958	5725 to 5850	Pass
			-20	NV	5774.958	5725 to 5850	Pass
			-10	NV	5774.958	5725 to 5850	Pass
			0	NV	5774.957	5725 to 5850	Pass
			10	NV	5774.958	5725 to 5850	Pass
			30	NV	5774.958	5725 to 5850	Pass
			40	NV	5774.958	5725 to 5850	Pass
			50	NV	5774.958	5725 to 5850	Pass

--------- End of Report -------