ANNEX F TEST DATA

For

Project No.:	8234EU013003W
Client:	Autel Intelligent Technology Corp., Ltd.
Product Description:	MaxiFlash VCMI2
Model No.:	MaxiFlash VCMI2
FCC ID:	WQ8-DC2333
Technology:	WiFi 5G
Test Engineer:	Mikey zhu
Test Date:	2024-11-13

Test Summary

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

1. Duty Cycle

1.1 Test Result

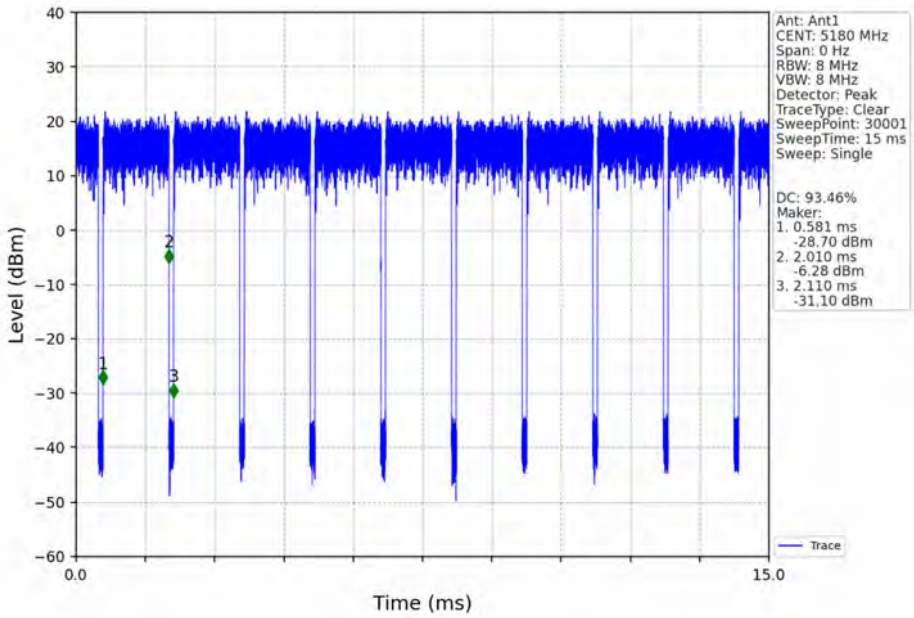
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.429	1.529	93.46	0.29	0.03
		5200	1.429	1.529	93.46	0.29	0.03
		5240	1.429	1.529	93.46	0.29	0.00
		5745	1.429	1.529	93.46	0.29	0.03
		5785	1.430	1.530	93.46	0.29	0.03
		5825	1.429	1.530	93.40	0.30	0.06
802.11n (HT20)	SISO	5180	1.337	1.437	93.04	0.31	0.09
		5200	1.337	1.438	92.98	0.32	0.03
		5240	1.338	1.439	92.98	0.32	0.09
		5745	1.337	1.437	93.04	0.31	0.10
		5785	1.336	1.437	92.97	0.32	0.03
		5825	1.338	1.438	93.05	0.31	0.03
802.11n (HT40)	SISO	5190	0.667	0.765	87.19	0.60	0.03
		5230	0.664	0.766	86.68	0.62	0.03
		5755	0.671	0.766	87.60	0.58	0.09
		5795	0.667	0.766	87.08	0.60	0.03
802.11ac (VHT20)	SISO	5180	1.345	1.446	93.02	0.31	0.03
		5200	1.346	1.446	93.08	0.31	0.09
		5240	1.344	1.445	93.01	0.31	0.07
		5745	1.346	1.446	93.08	0.31	0.10
		5785	1.346	1.445	93.15	0.31	0.03
		5825	1.345	1.446	93.02	0.31	0.10
802.11ac (VHT40)	SISO	5190	0.671	0.770	87.14	0.60	0.06
		5230	0.671	0.770	87.14	0.60	0.04
		5755	0.671	0.769	87.26	0.59	0.03
		5795	0.674	0.769	87.65	0.57	0.07
802.11ac (VHT80)	SISO	5210	0.337	0.434	77.65	1.10	0.10
		5775	0.333	0.433	76.91	1.14	0.05

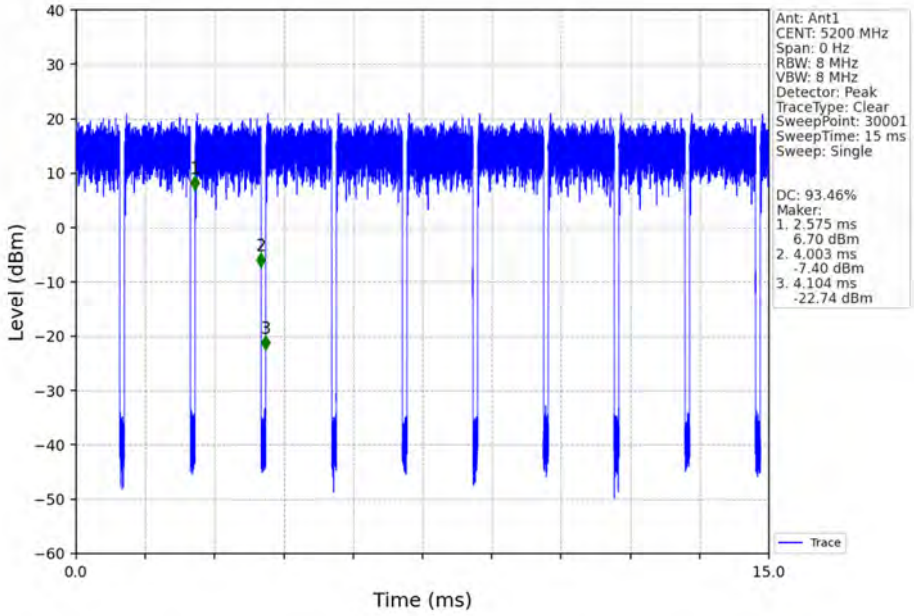
1.2 Test Graph

1.2.1 Ant1

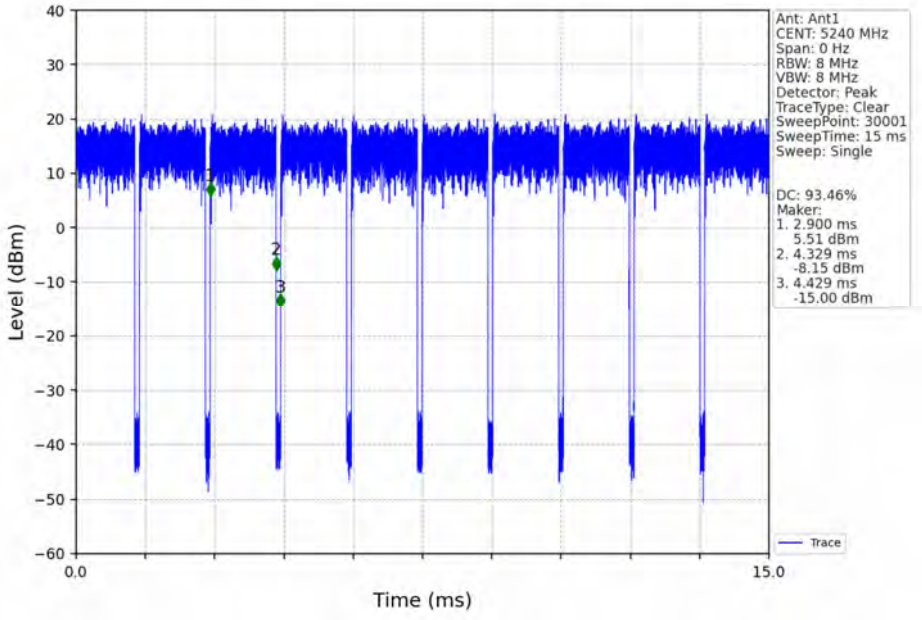
802.11a_LCH_5180MHz_Ant1_NTNV



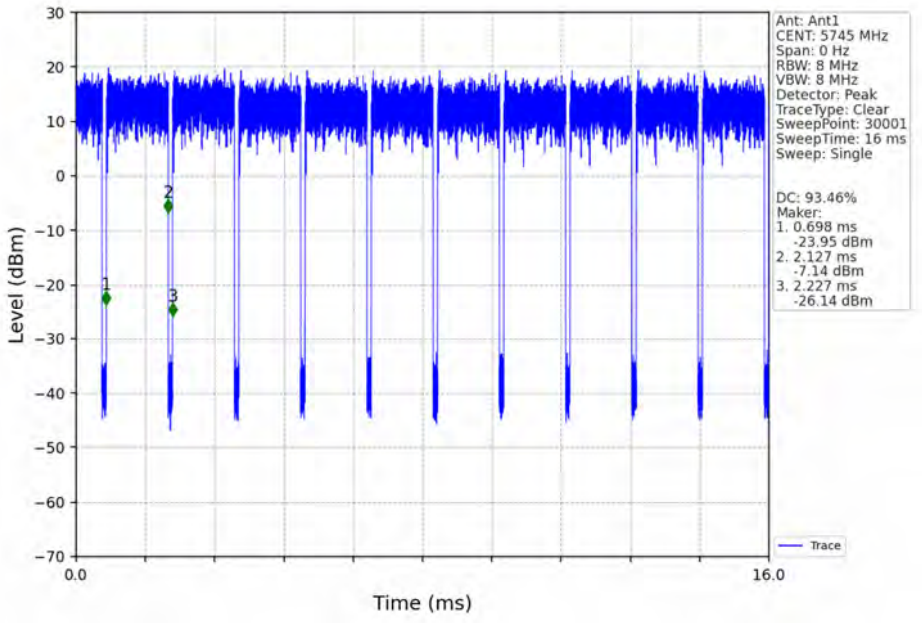
802.11a_MCH_5200MHz_Ant1_NTNV



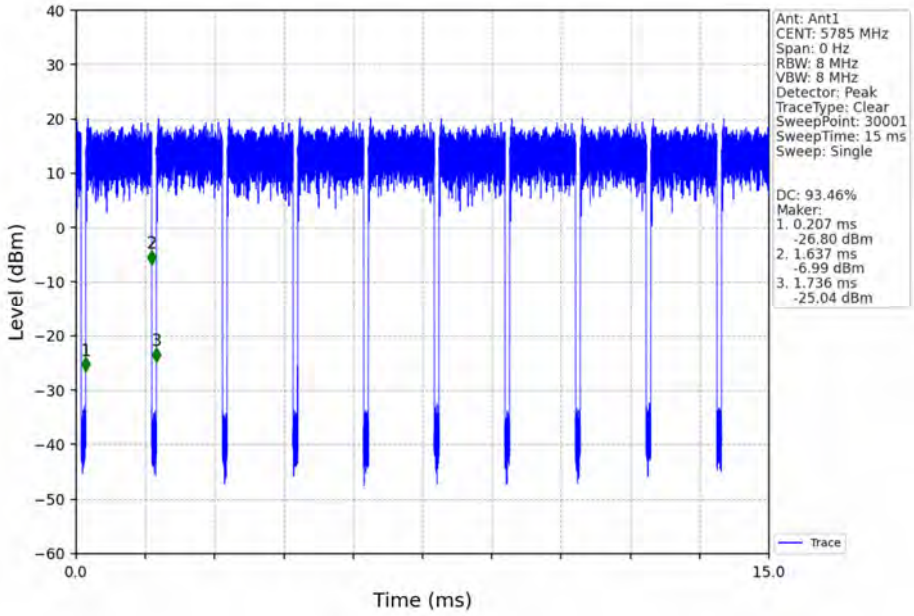
802.11a_HCH_5240MHz_Ant1_NTNV



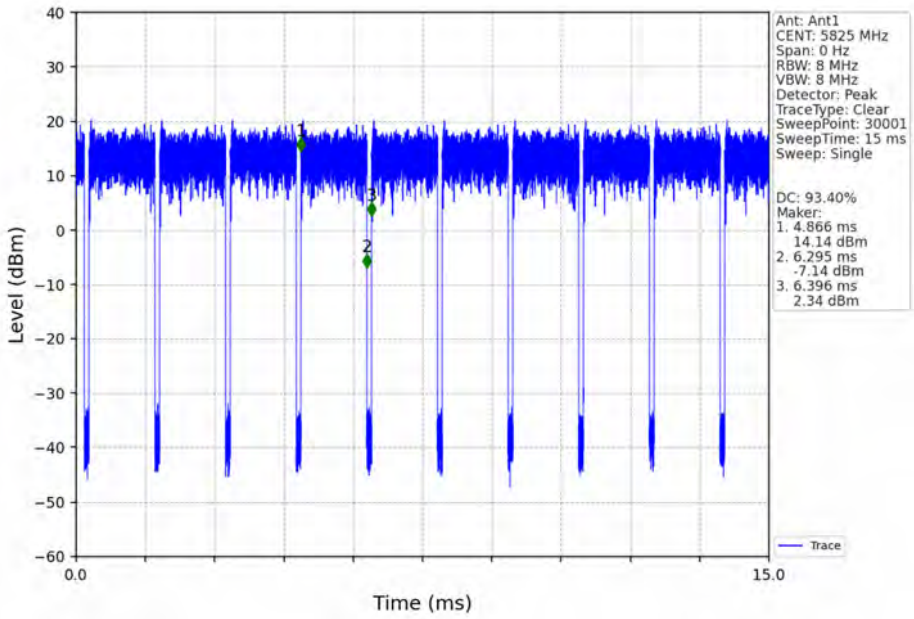
802.11a_LCH_5745MHz_Ant1_NTNV



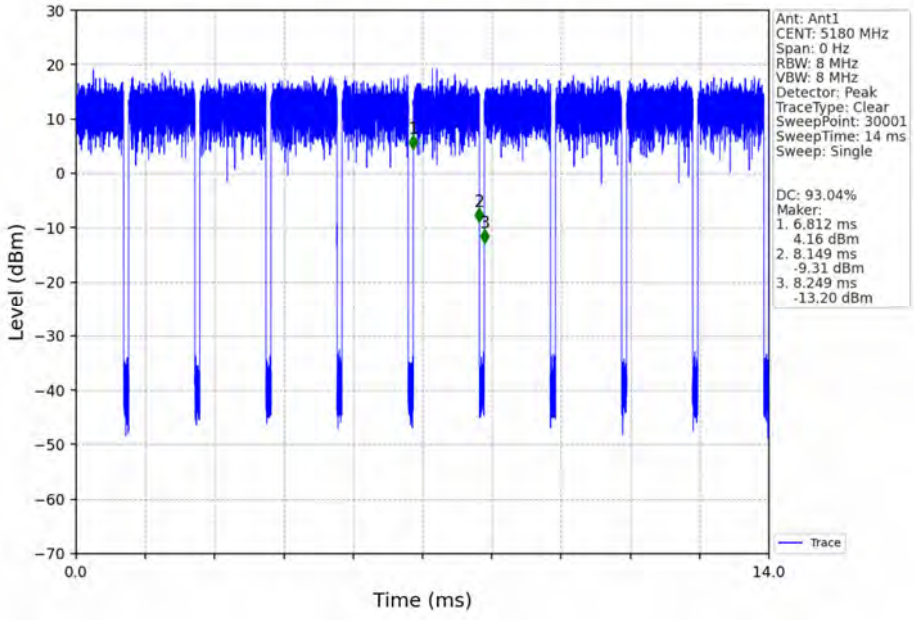
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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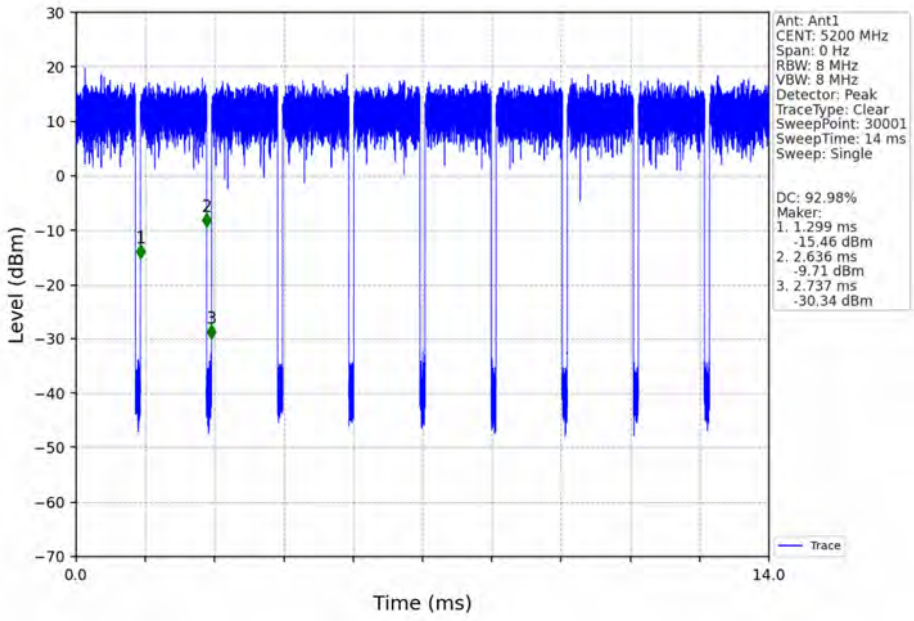
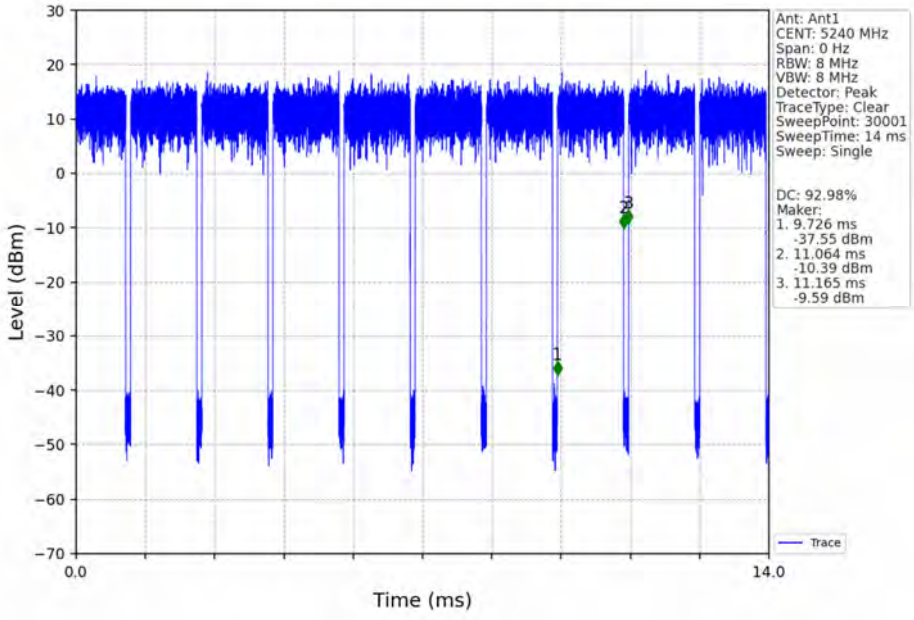
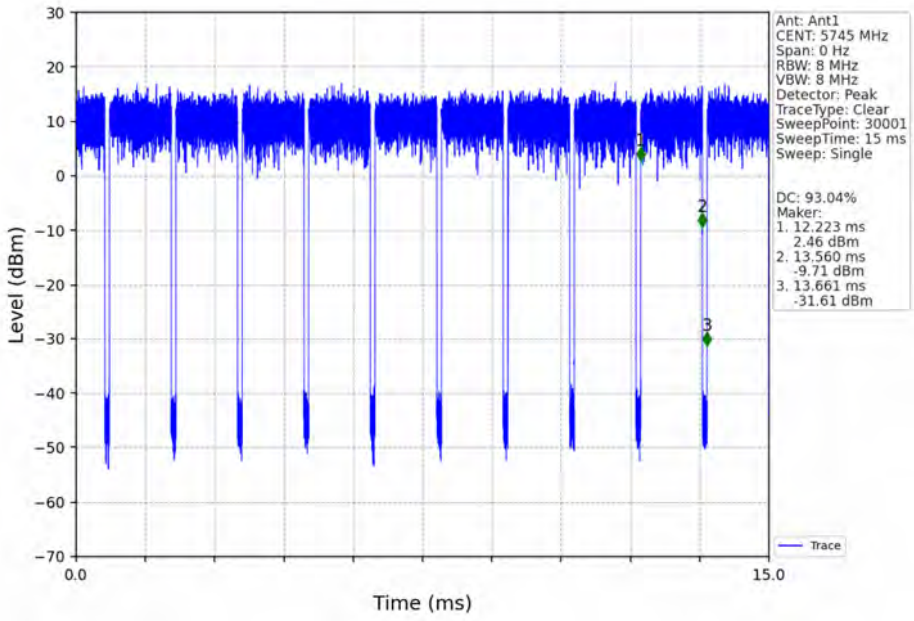


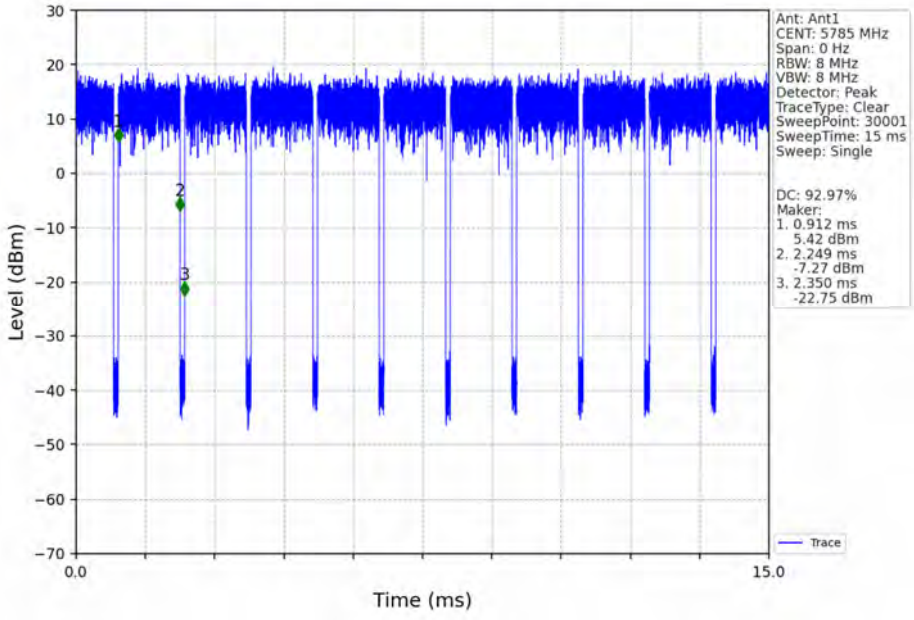
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



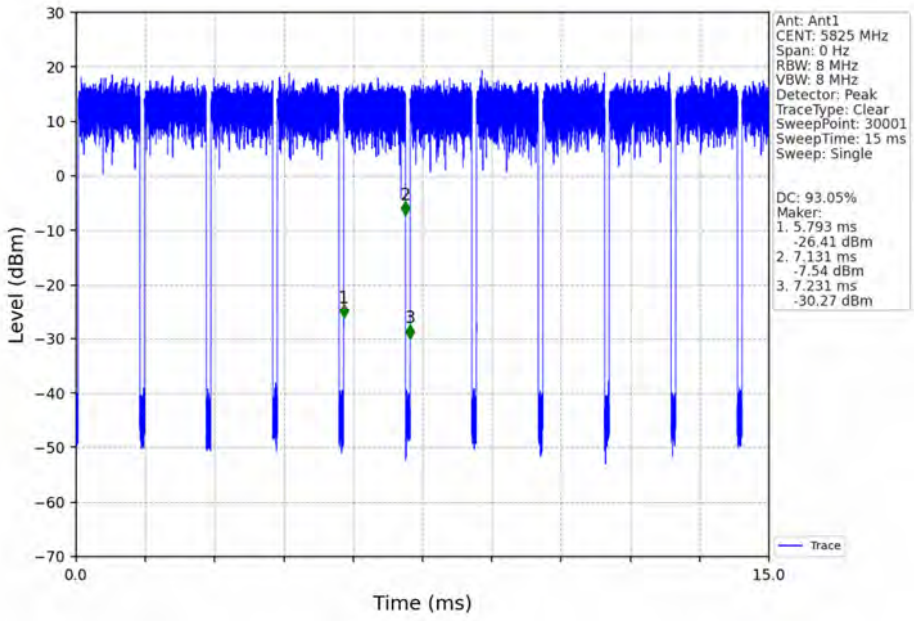
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



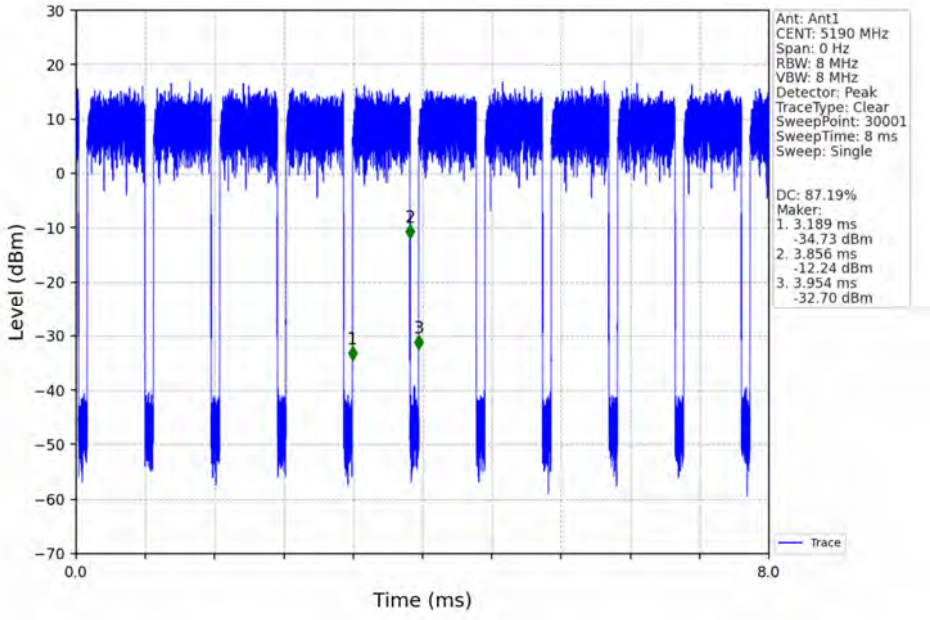
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



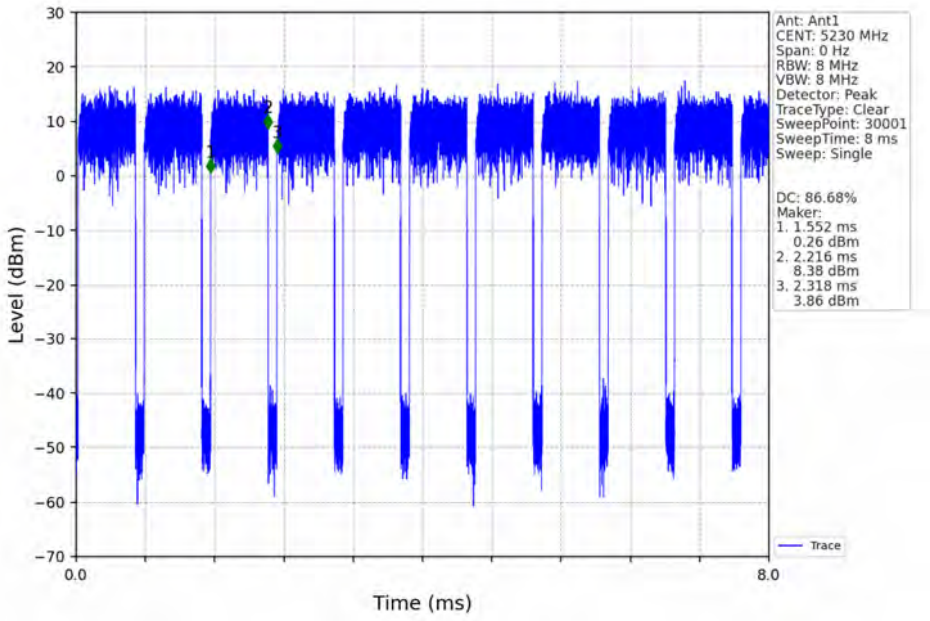
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



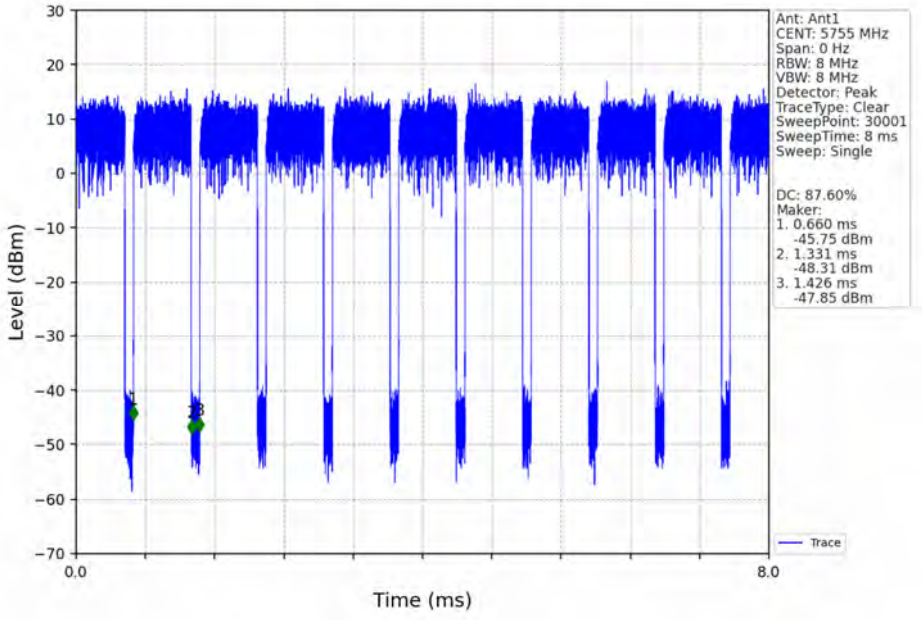
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



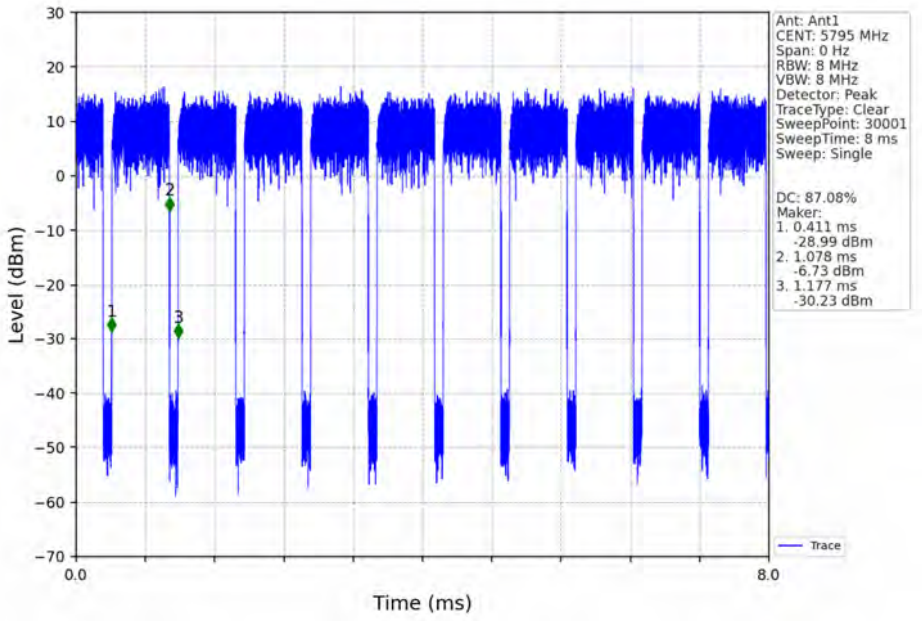
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



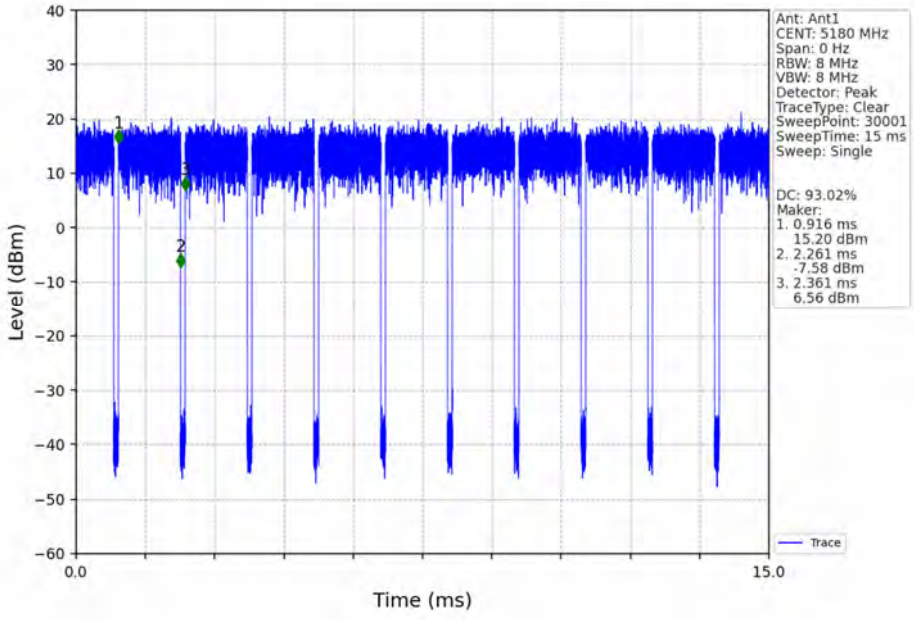
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



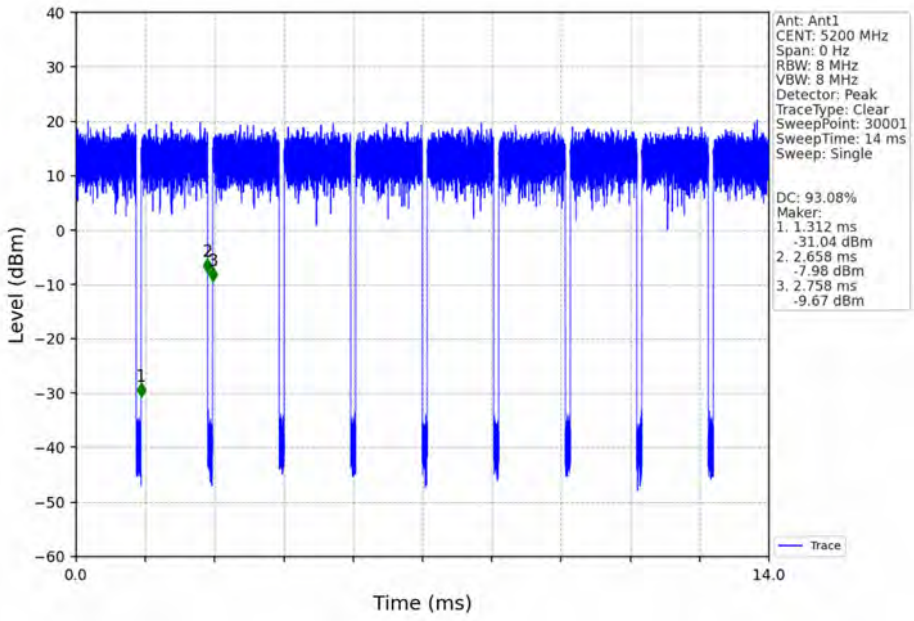
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



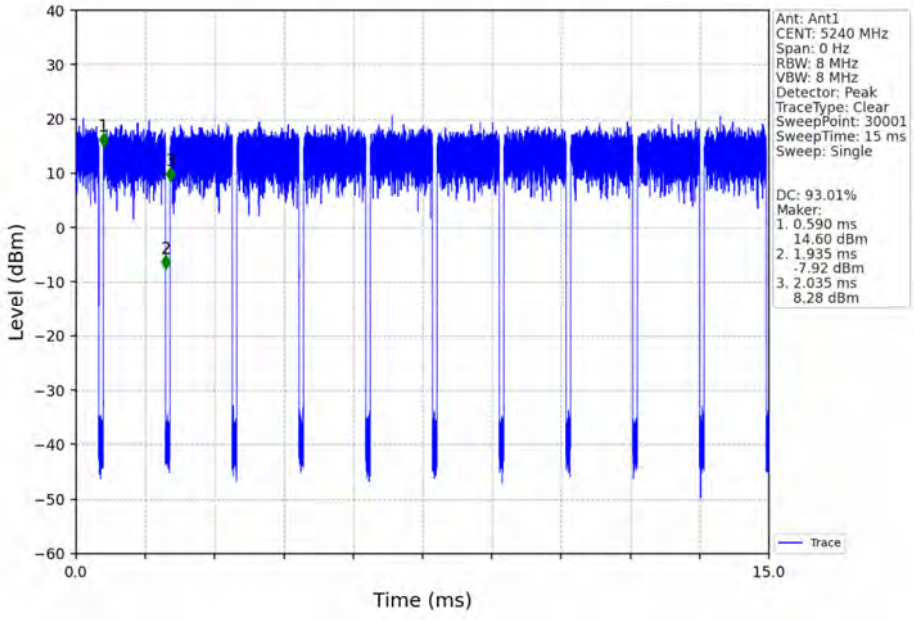
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



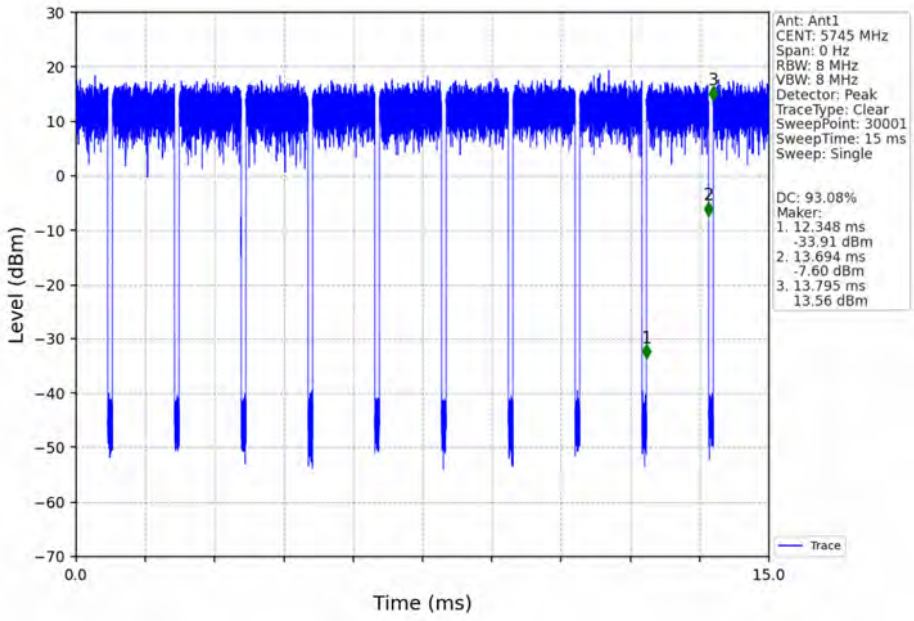
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



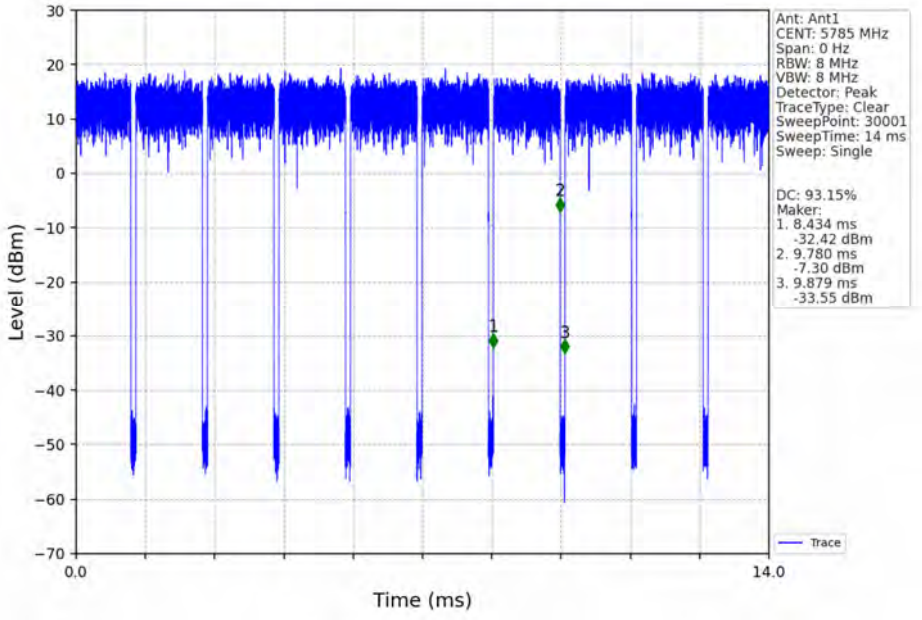
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



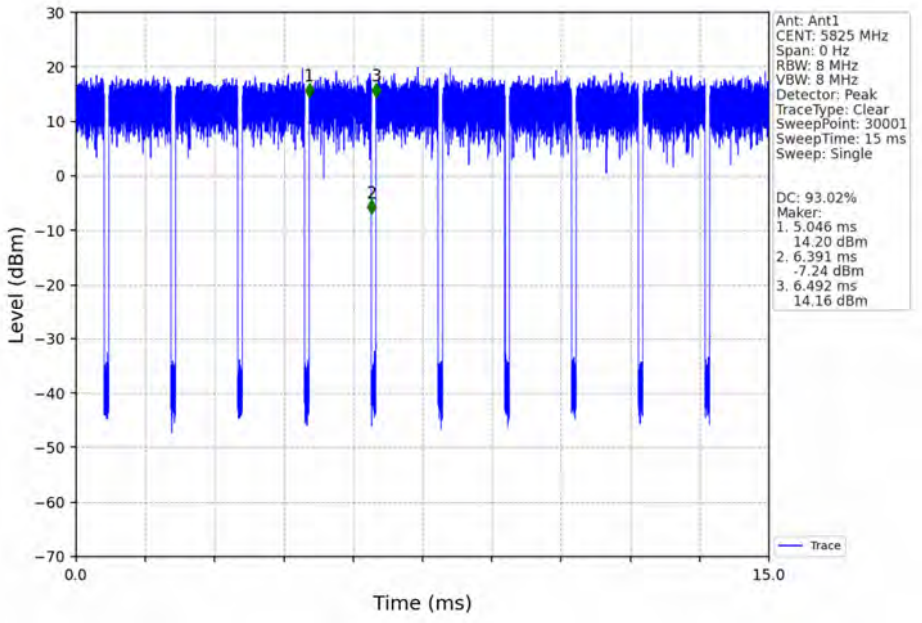
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



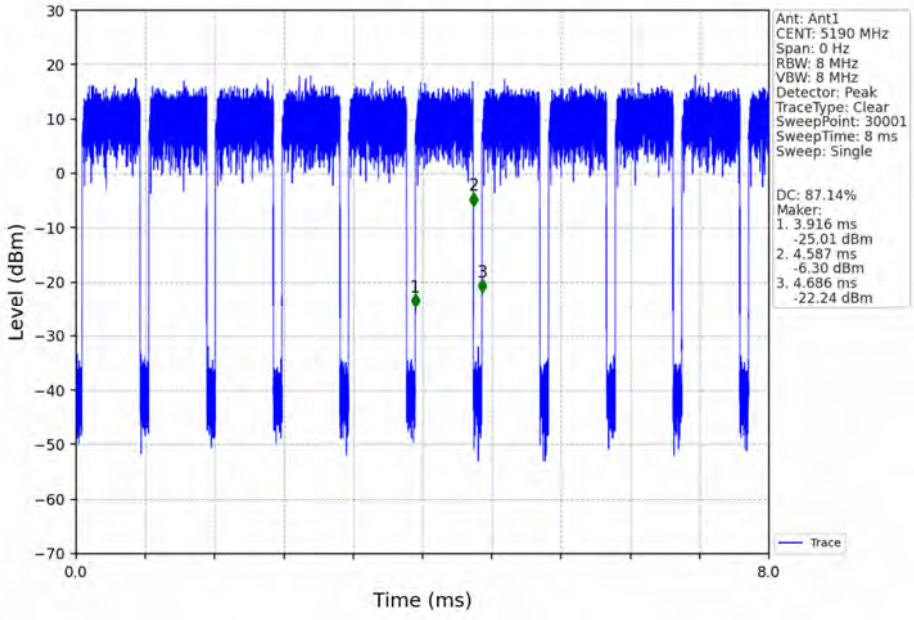
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



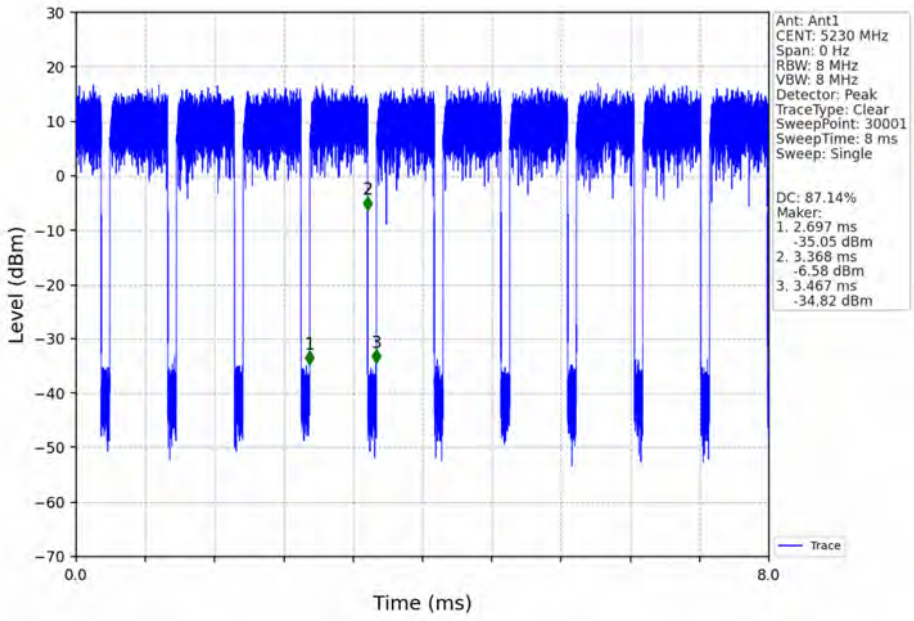
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



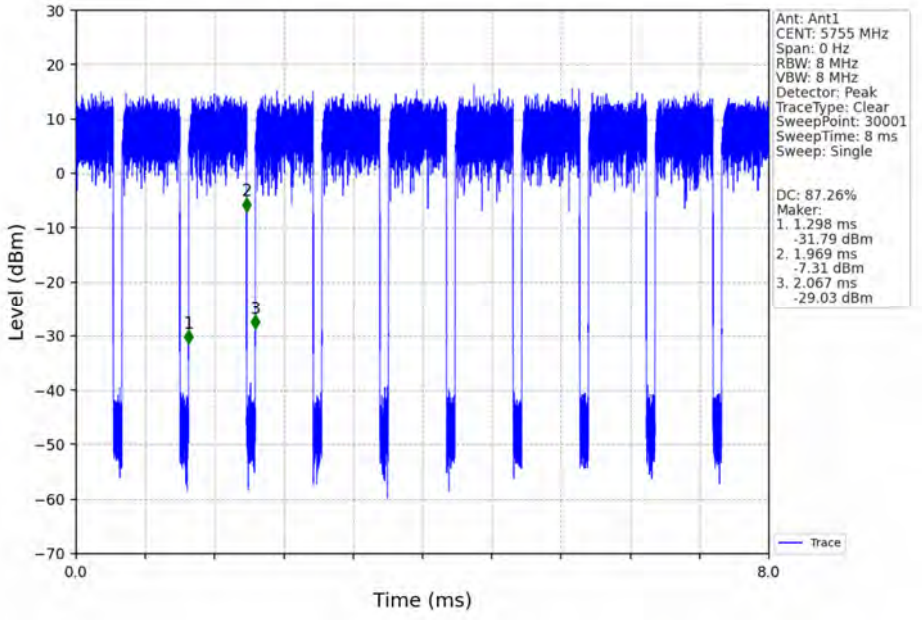
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



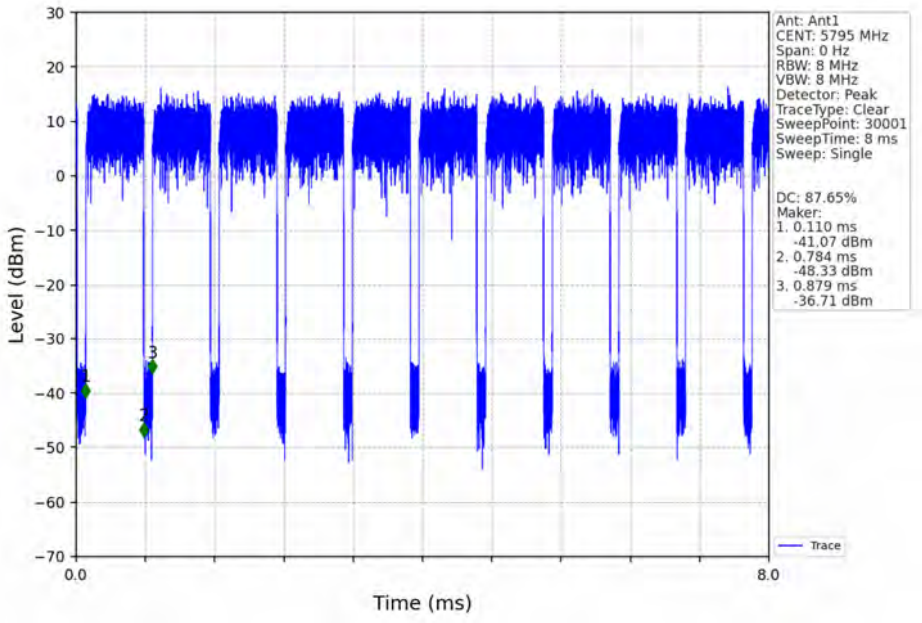
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



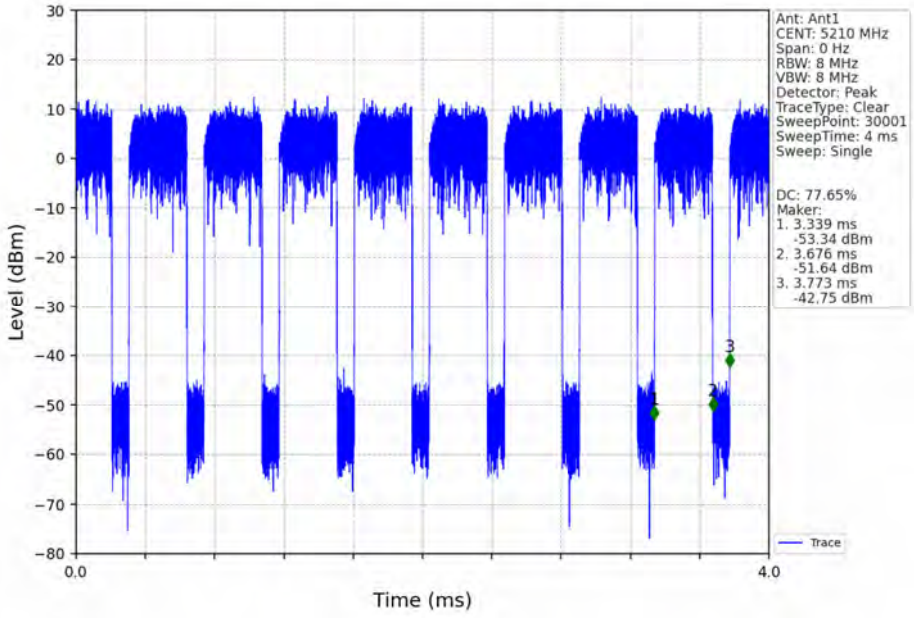
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



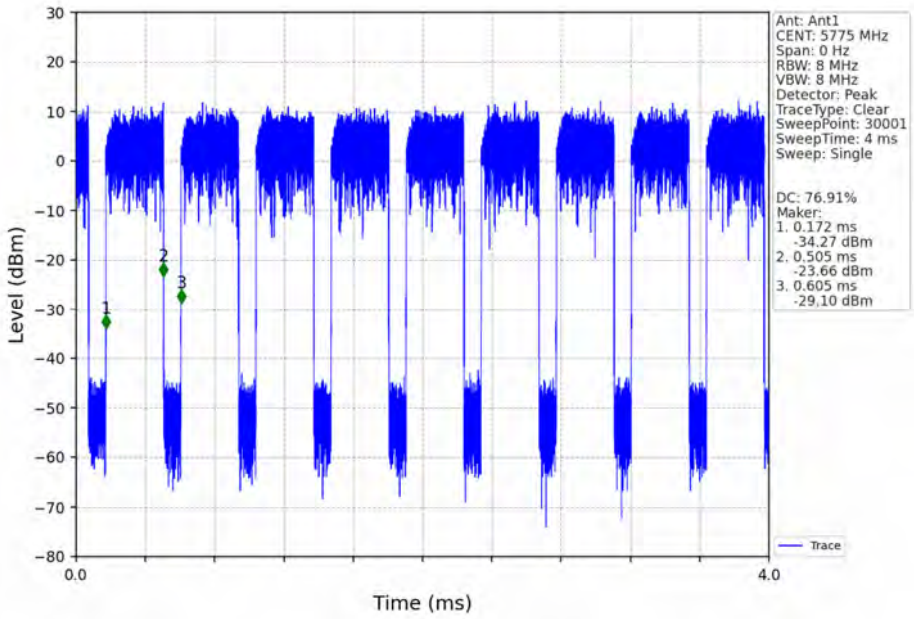
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	18.040	/	Pass
		5200	1	18.070	/	Pass
		5240	1	18.077	/	Pass
		5745	1	18.059	/	Pass
		5785	1	18.106	/	Pass
		5825	1	18.098	/	Pass
802.11n (HT20)	SISO	5180	1	18.752	/	Pass
		5200	1	18.866	/	Pass
		5240	1	18.740	/	Pass
		5745	1	18.690	/	Pass
		5785	1	18.836	/	Pass
		5825	1	18.816	/	Pass
802.11n (HT40)	SISO	5190	1	36.876	/	Pass
		5230	1	36.775	/	Pass
		5755	1	36.767	/	Pass
		5795	1	36.996	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.823	/	Pass
		5200	1	18.792	/	Pass
		5240	1	18.862	/	Pass
		5745	1	18.870	/	Pass
		5785	1	18.956	/	Pass
		5825	1	18.906	/	Pass
802.11ac (VHT40)	SISO	5190	1	36.811	/	Pass
		5230	1	36.733	/	Pass
		5755	1	36.698	/	Pass
		5795	1	36.673	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.369	/	Pass
		5775	1	76.079	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.319	>=0.5	Pass
		5785	1	16.334	>=0.5	Pass
		5825	1	16.328	>=0.5	Pass
802.11n (HT20)	SISO	5745	1	17.311	>=0.5	Pass
		5785	1	17.299	>=0.5	Pass
		5825	1	17.097	>=0.5	Pass
802.11n (HT40)	SISO	5755	1	36.332	>=0.5	Pass
		5795	1	35.828	>=0.5	Pass
802.11ac	SISO	5745	1	17.317	>=0.5	Pass

(VHT20)		5785	1	17.065	>=0.5	Pass
		5825	1	17.312	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.926	>=0.5	Pass
		5795	1	35.801	>=0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.234	>=0.5	Pass

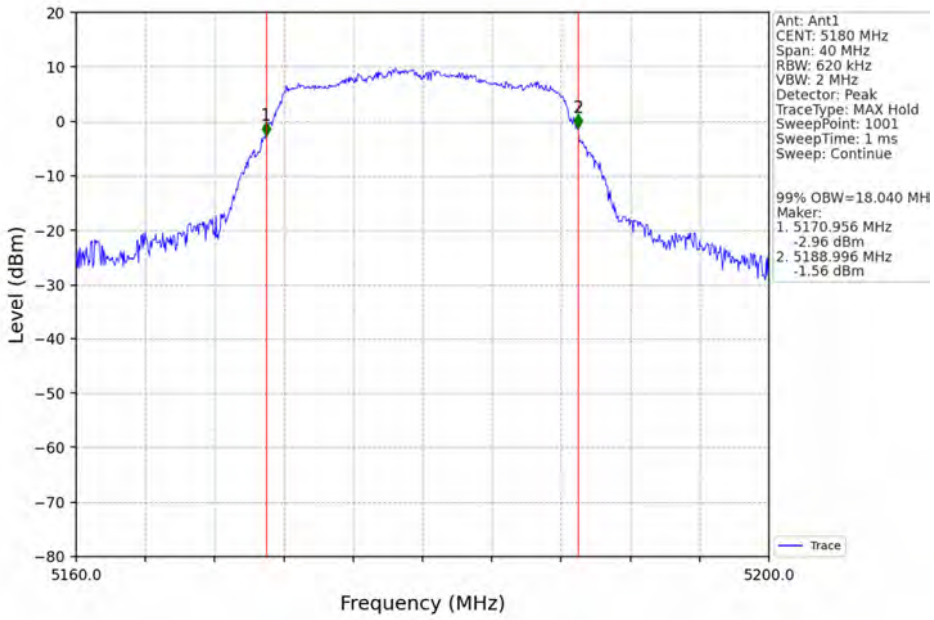
2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	21.191	/	Pass
		5200	1	21.087	/	Pass
		5240	1	21.194	/	Pass
802.11n (HT20)	SISO	5180	1	21.463	/	Pass
		5200	1	21.429	/	Pass
		5240	1	21.368	/	Pass
802.11n (HT40)	SISO	5190	1	39.899	/	Pass
		5230	1	39.802	/	Pass
802.11ac (VHT20)	SISO	5180	1	21.335	/	Pass
		5200	1	21.530	/	Pass
		5240	1	21.368	/	Pass
802.11ac (VHT40)	SISO	5190	1	40.004	/	Pass
		5230	1	41.522	/	Pass
802.11ac (VHT80)	SISO	5210	1	82.142	/	Pass

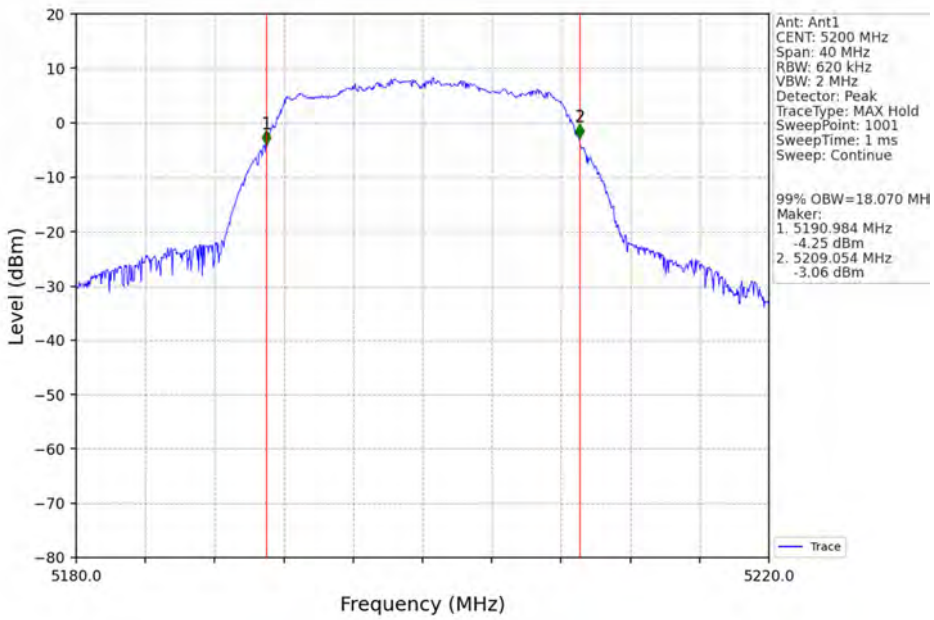
2.2 Test Graph

2.2.1 OBW

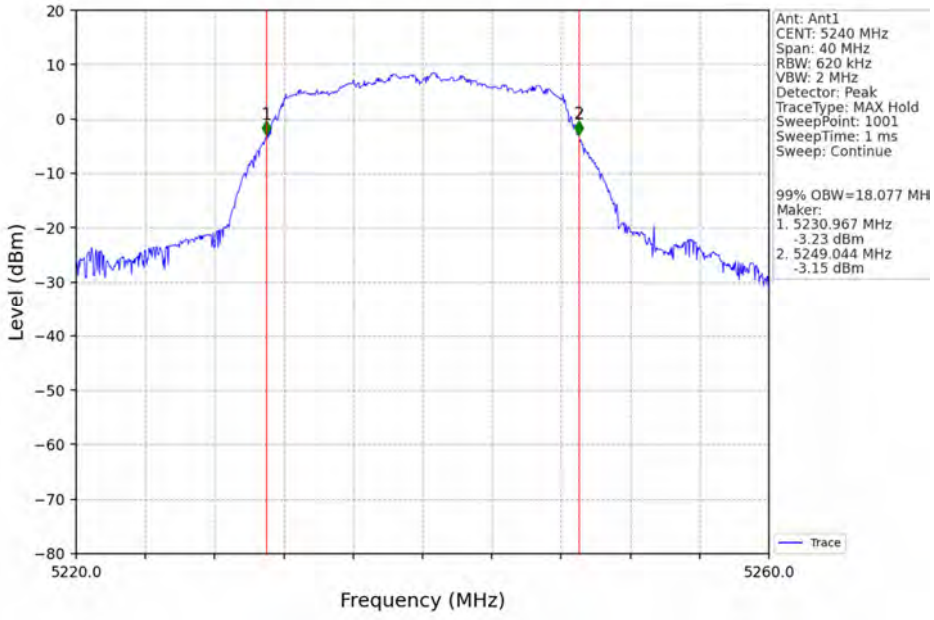
802.11a_LCH_5180MHz_Ant1_NTNV



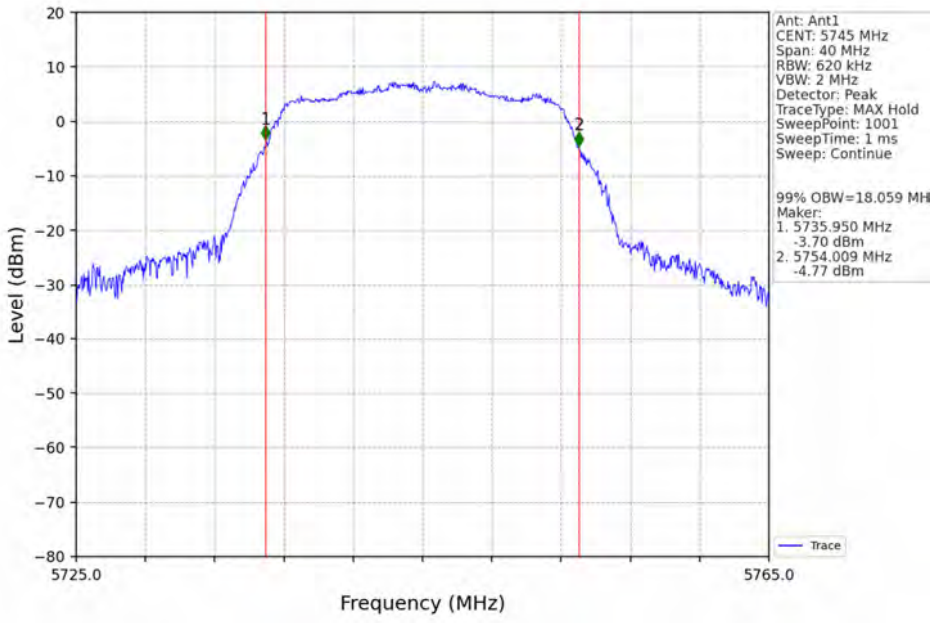
802.11a_MCH_5200MHz_Ant1_NTNV



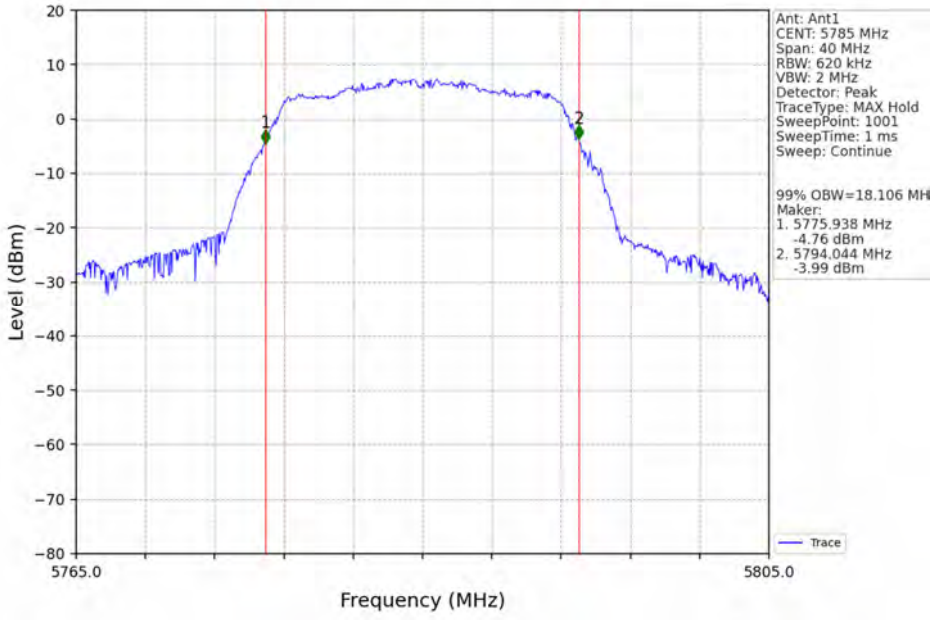
802.11a_HCH_5240MHz_Ant1_NTNV



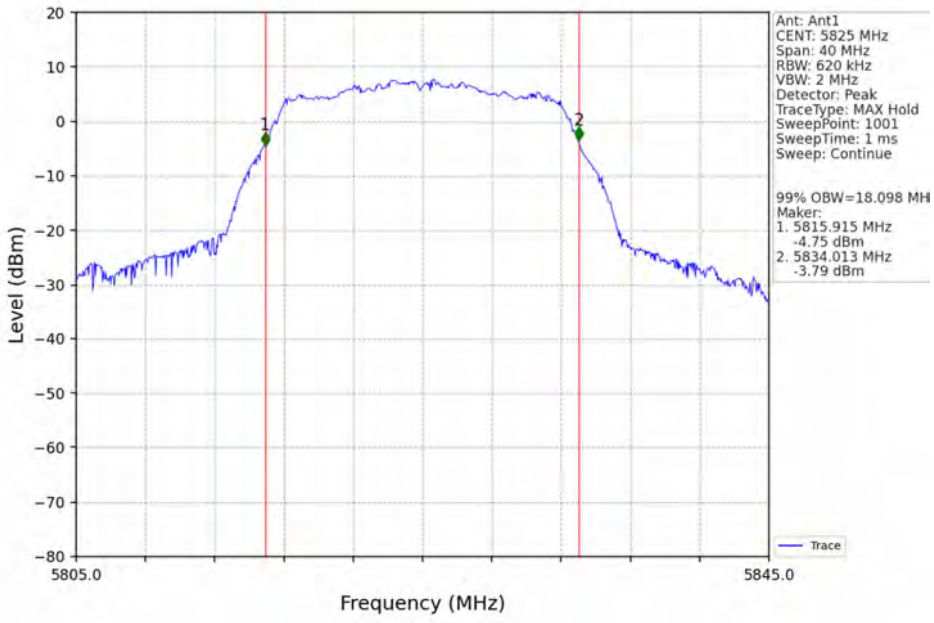
802.11a_LCH_5745MHz_Ant1_NTNV



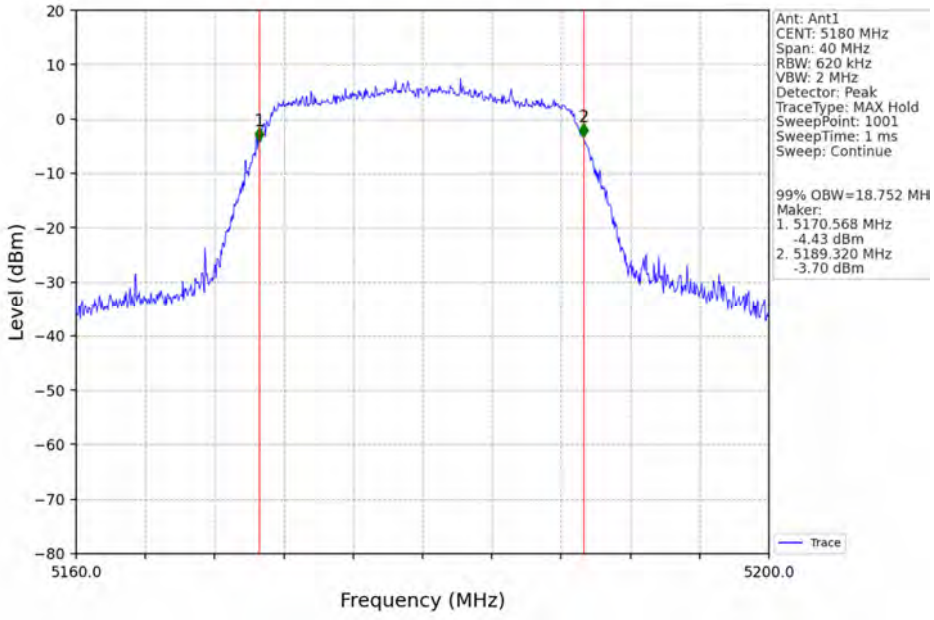
802.11a_MCH_5785MHz_Ant1_NTNV



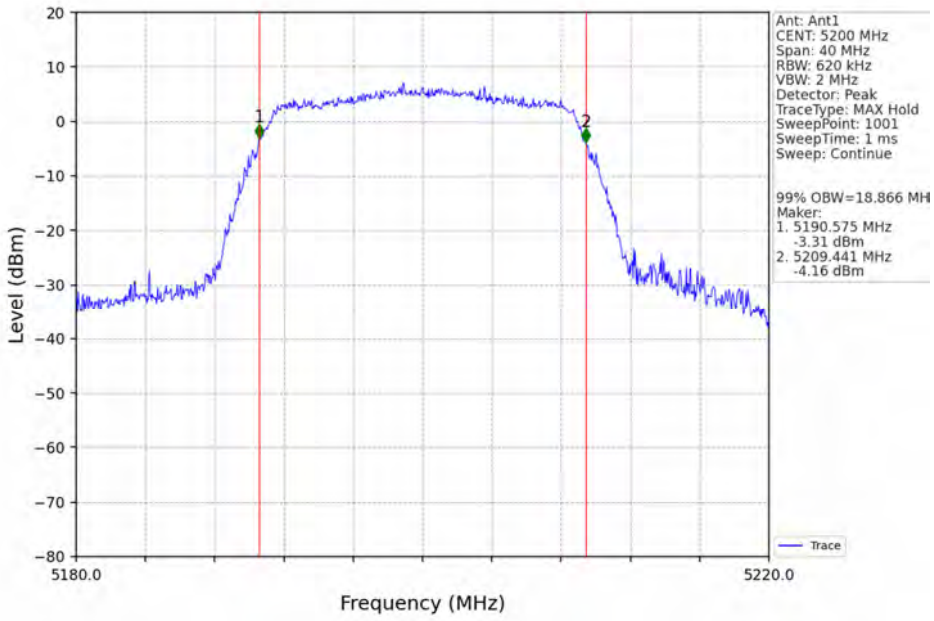
802.11a_HCH_5825MHz_Ant1_NTNV



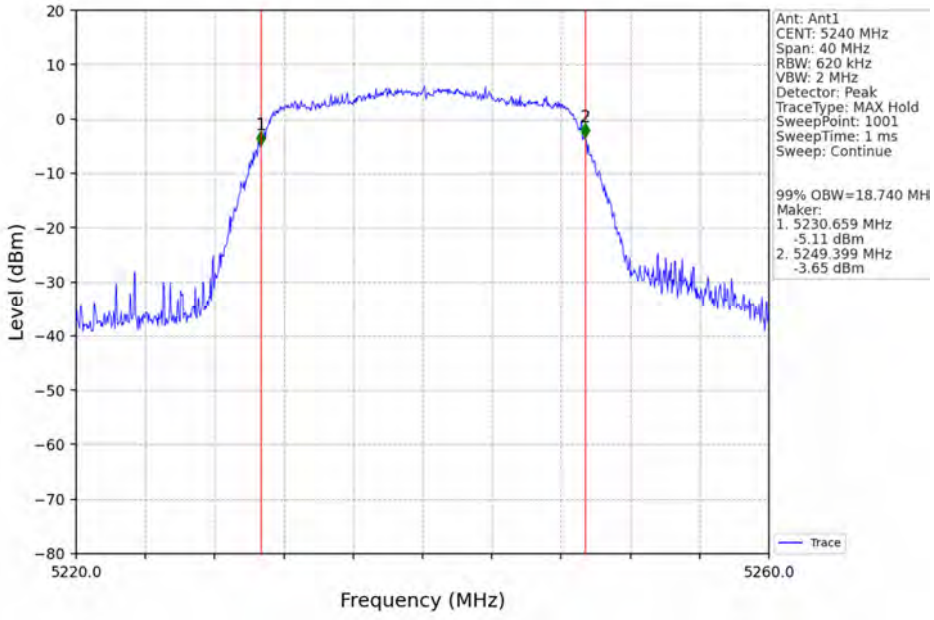
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



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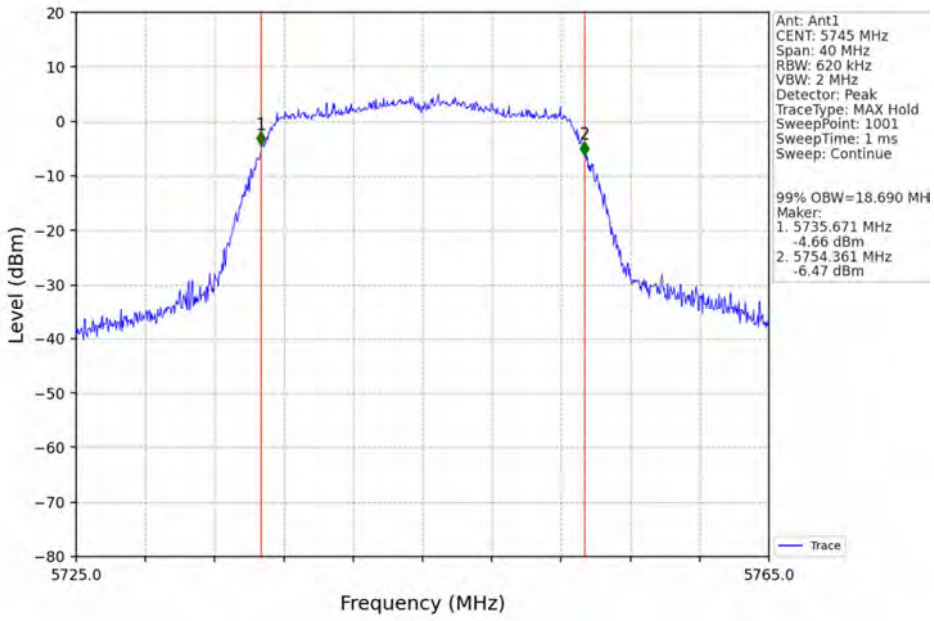

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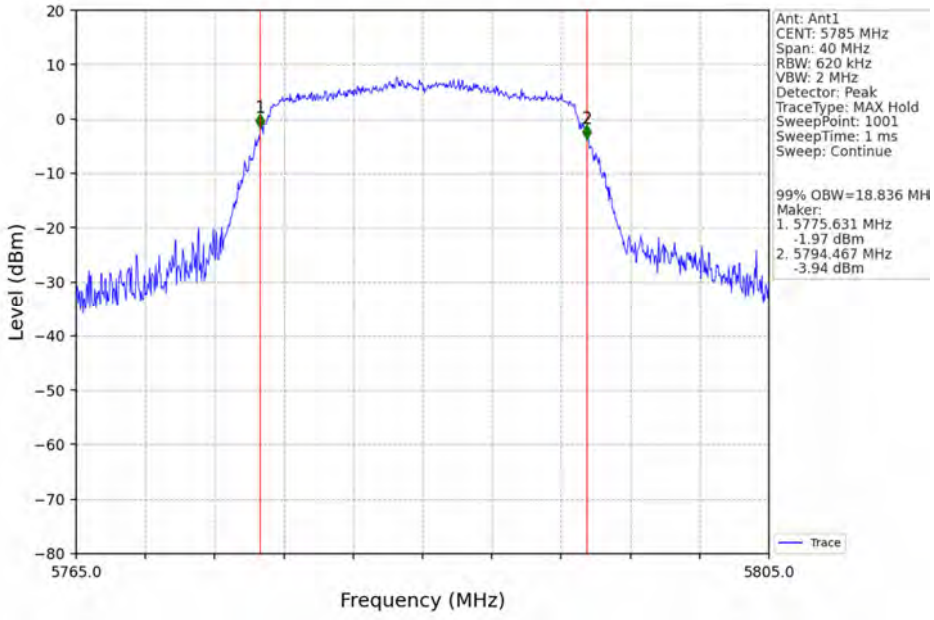

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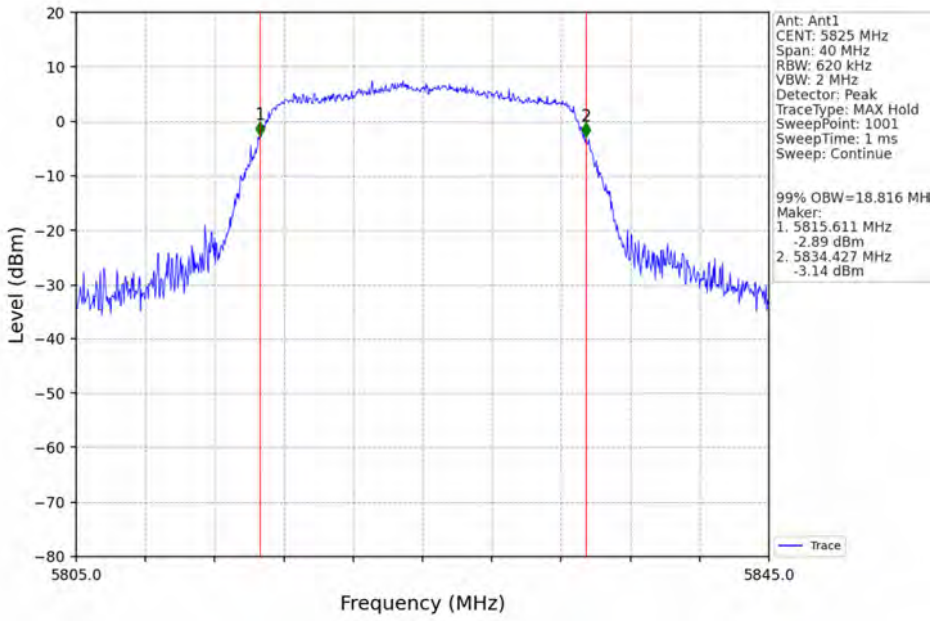
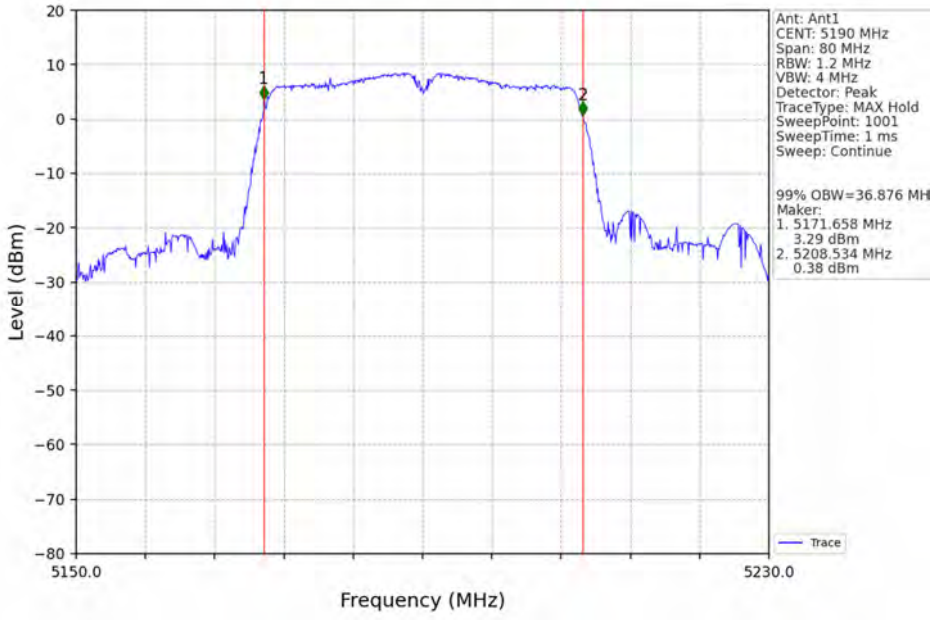
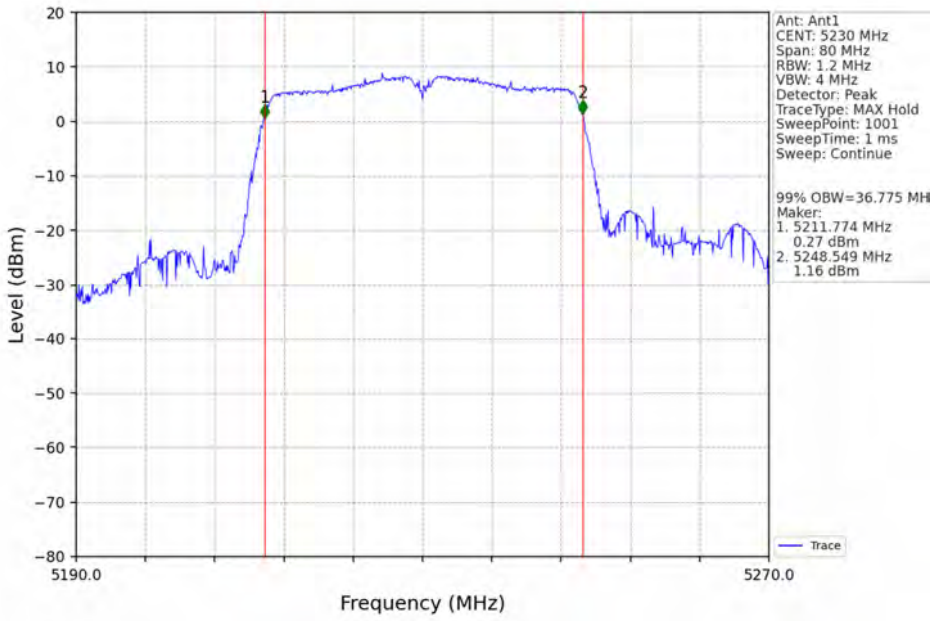


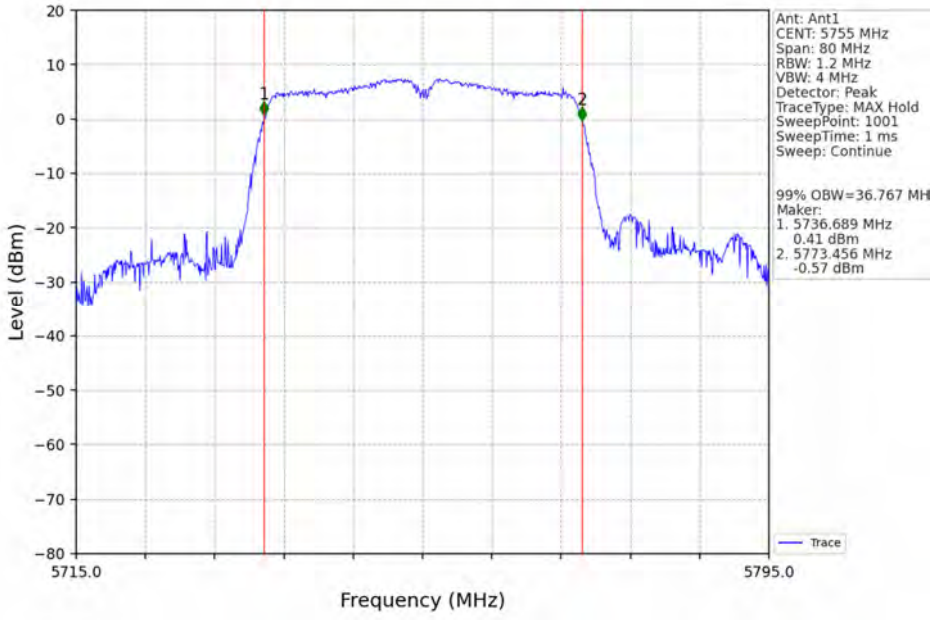
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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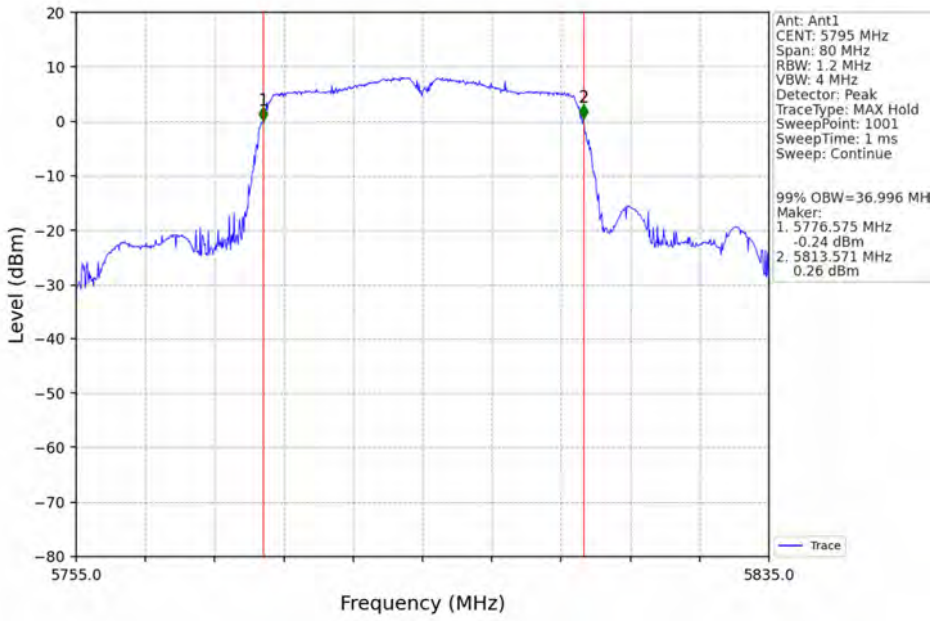
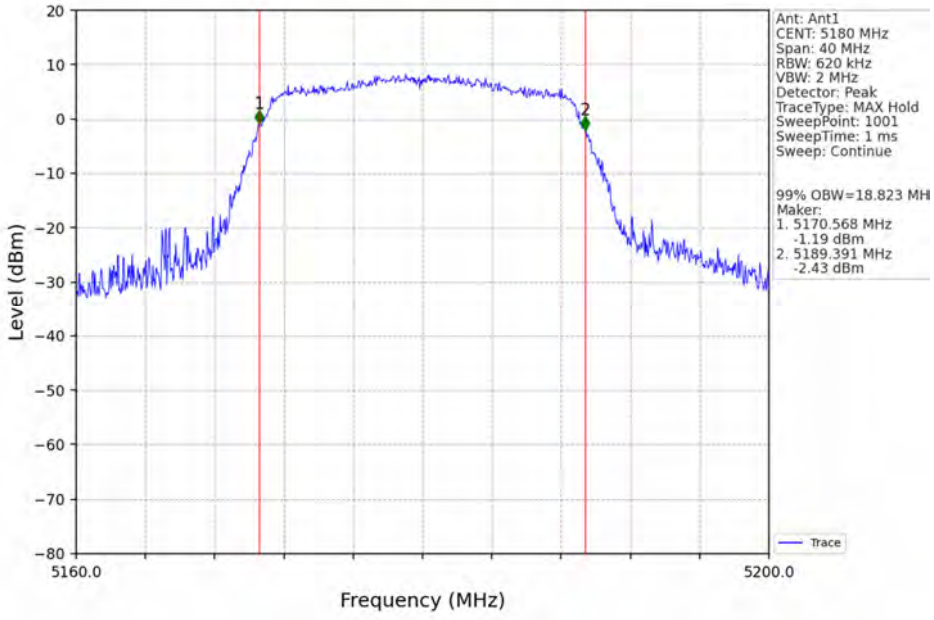


802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



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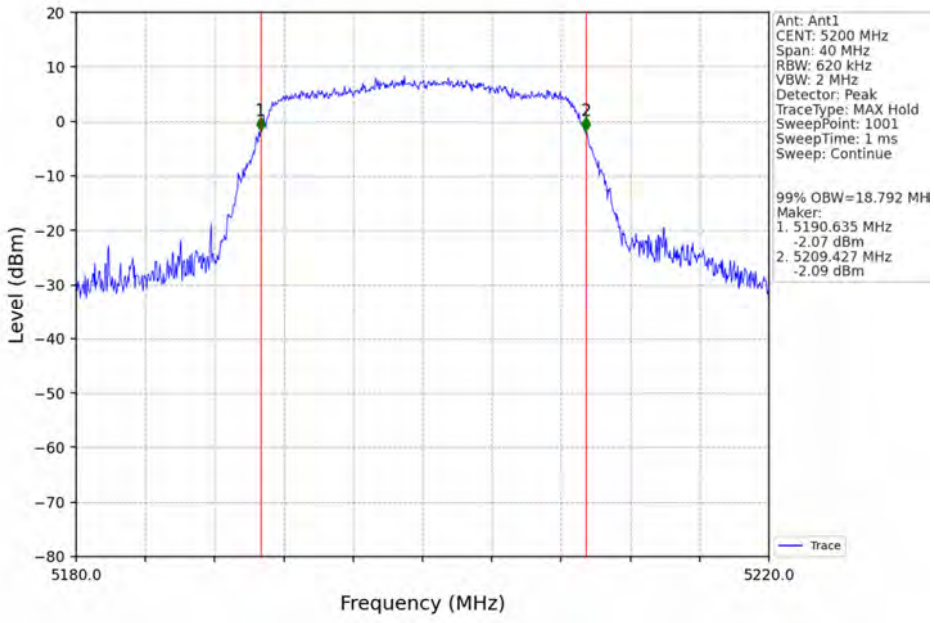

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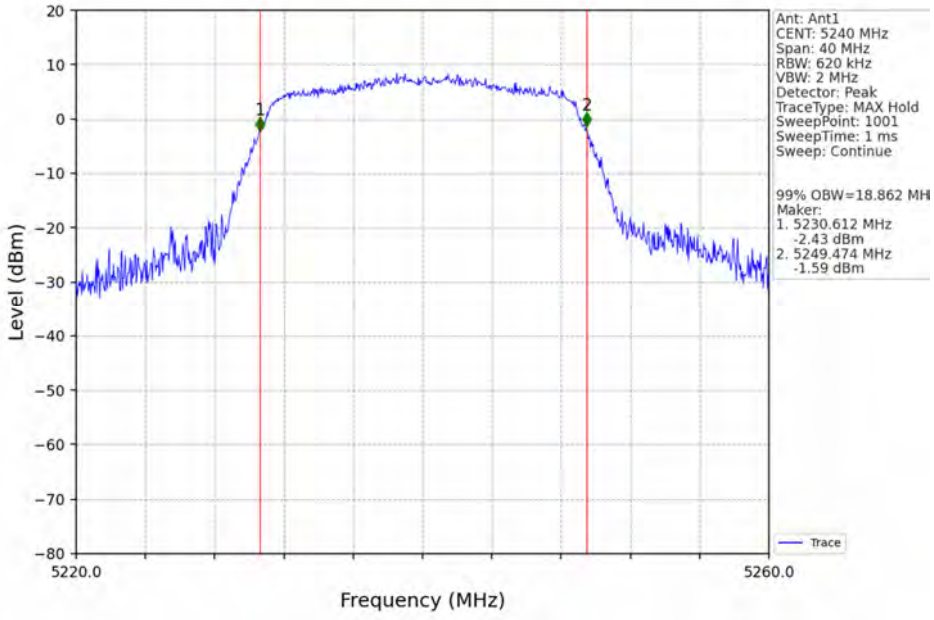

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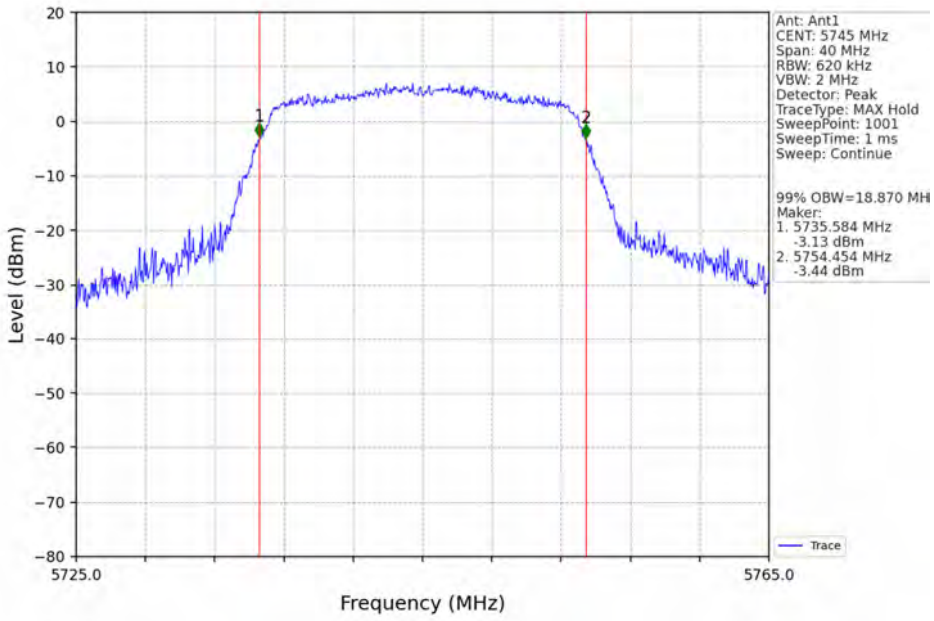
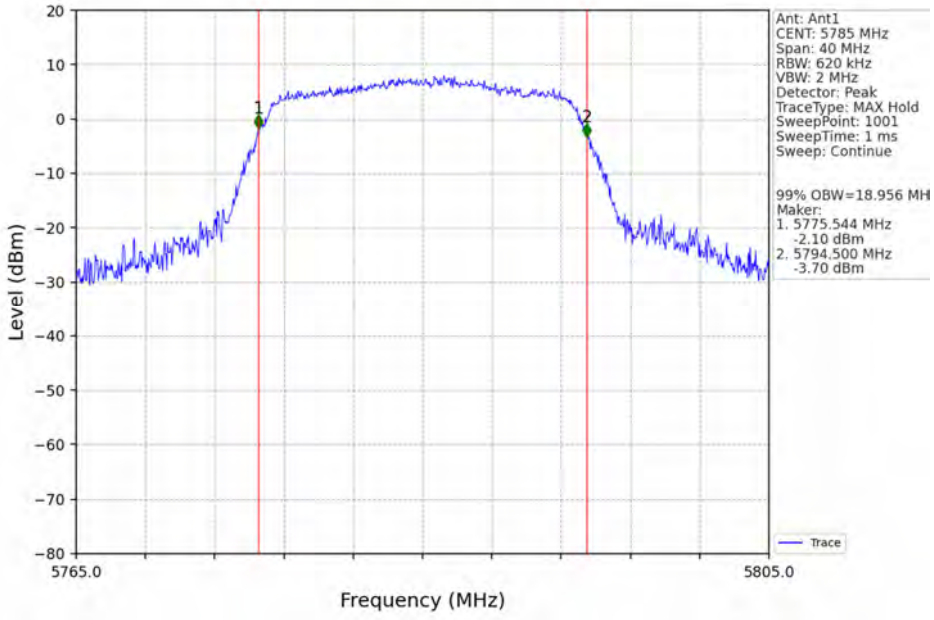
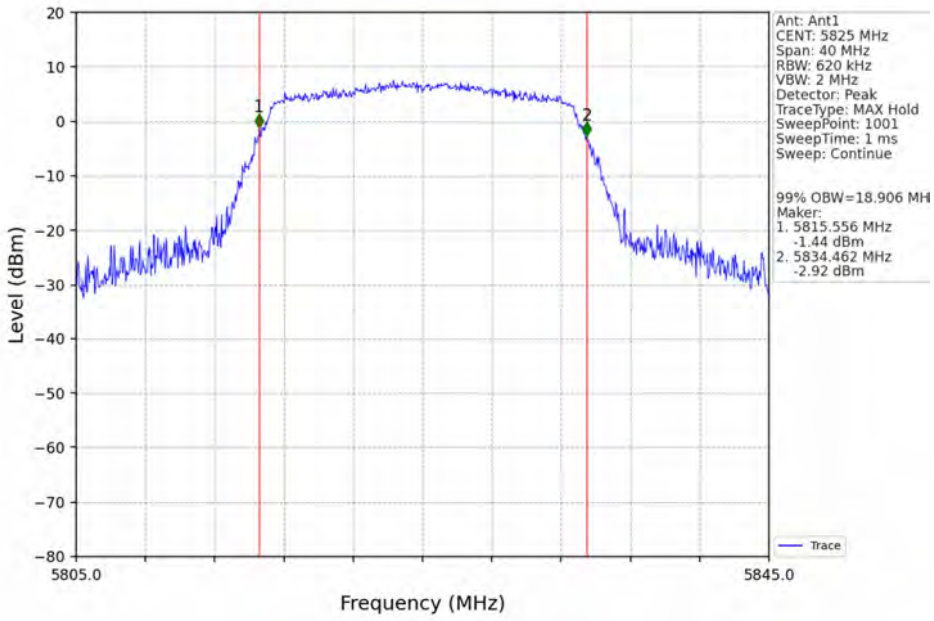


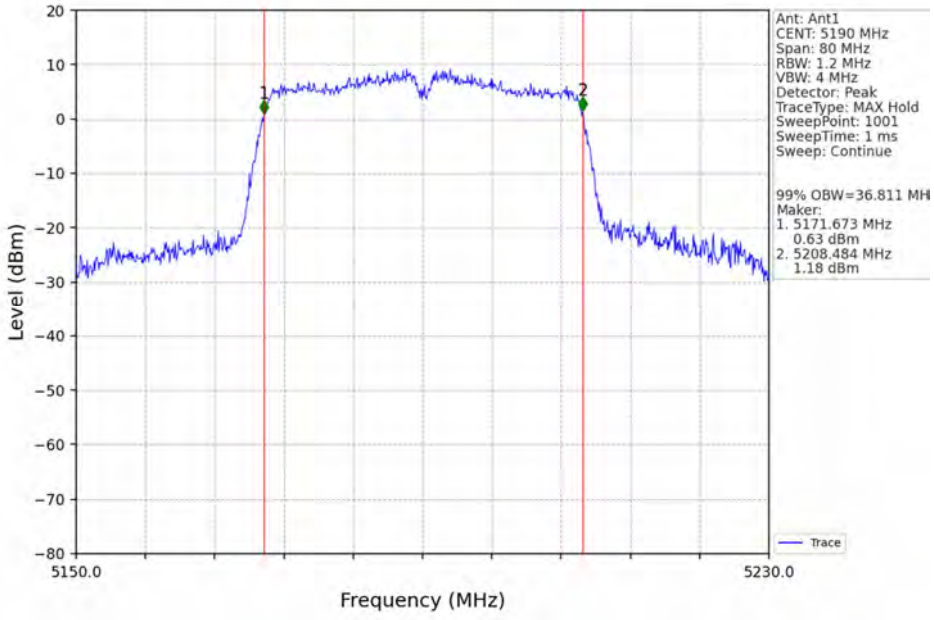
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



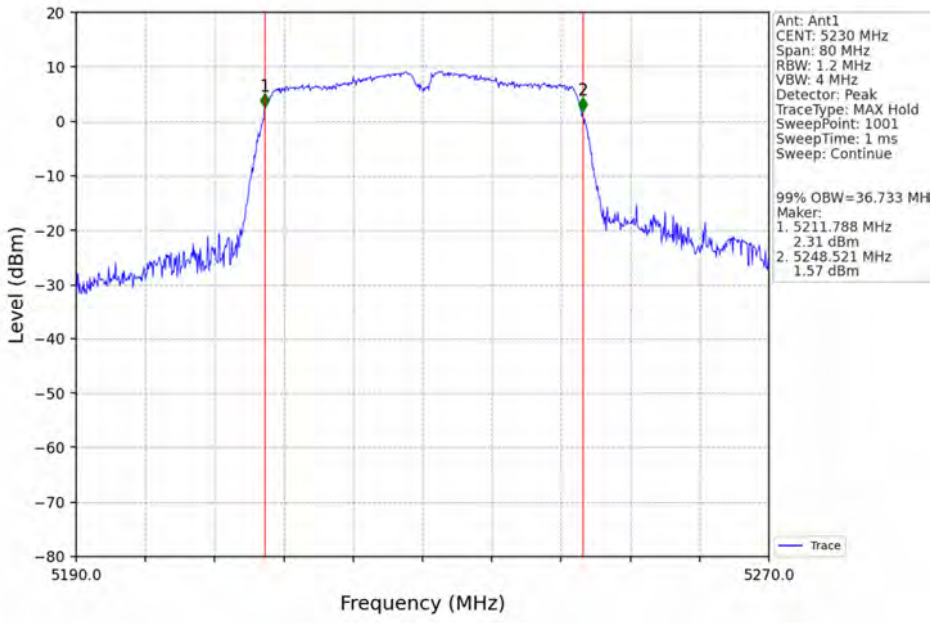
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



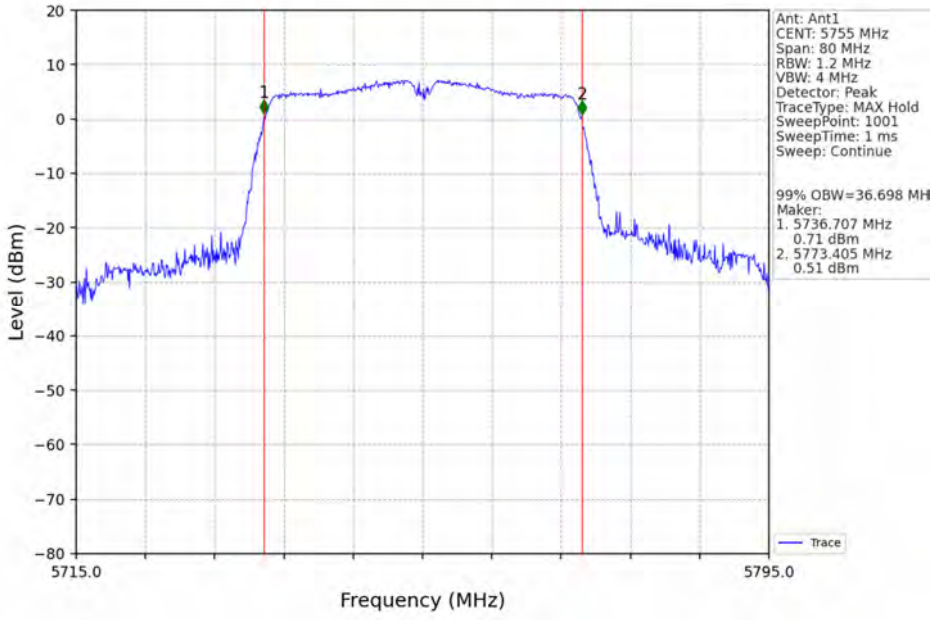
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



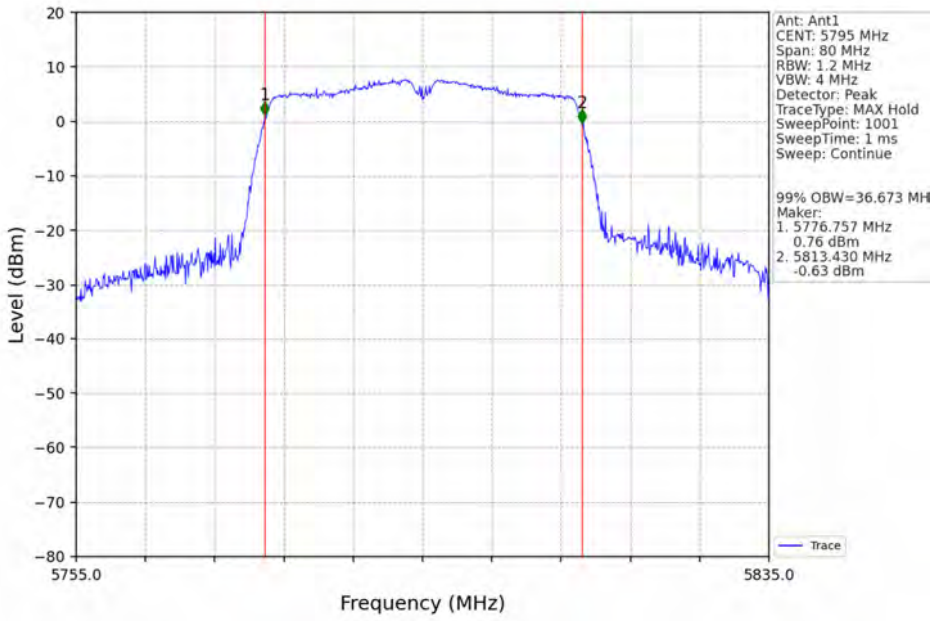
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



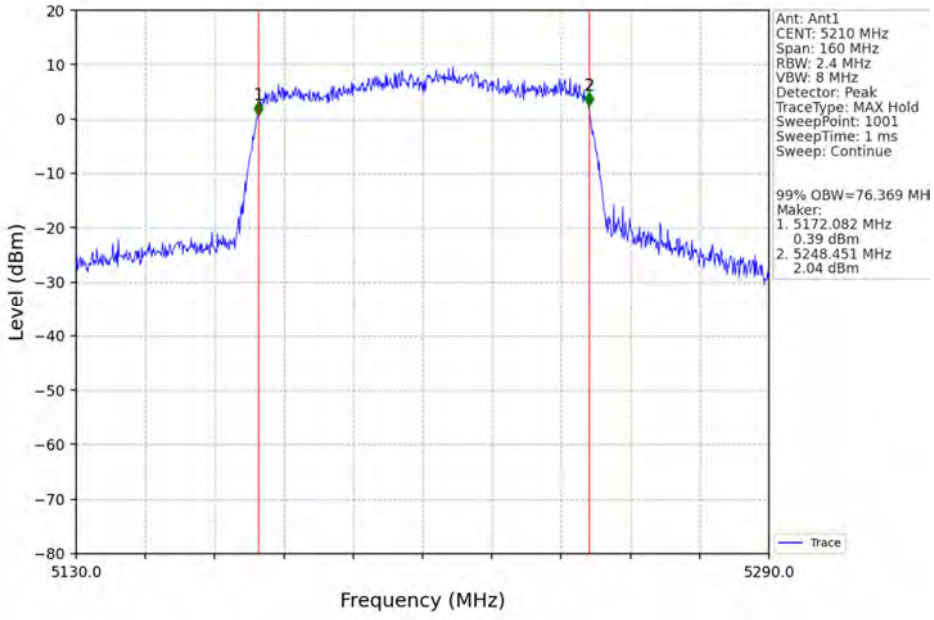
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



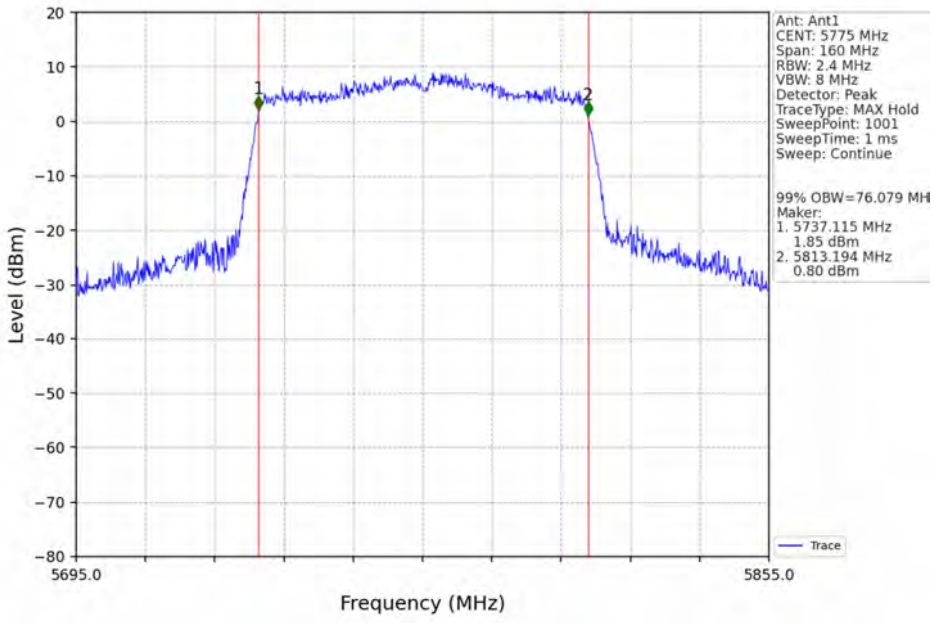
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

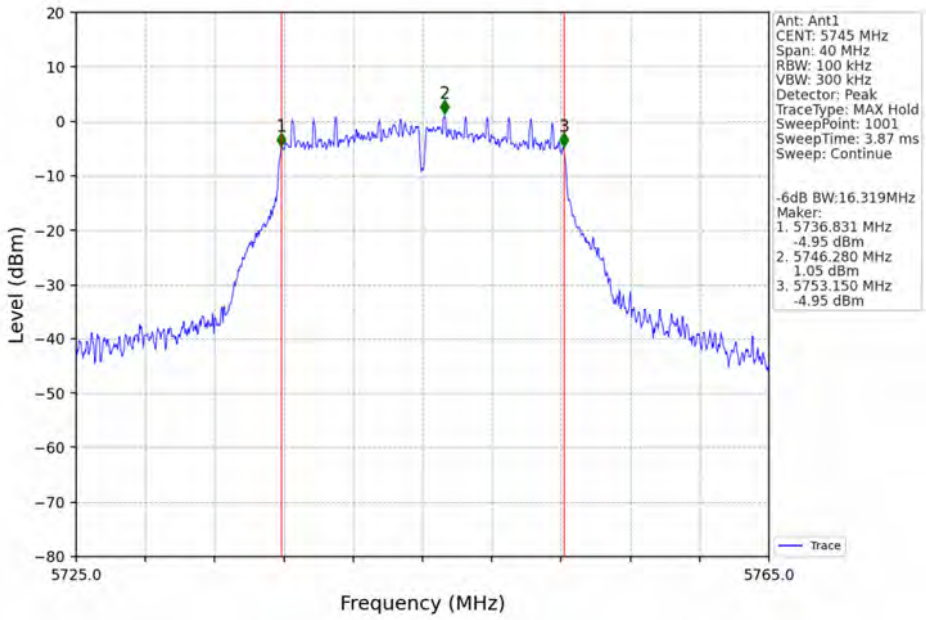


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

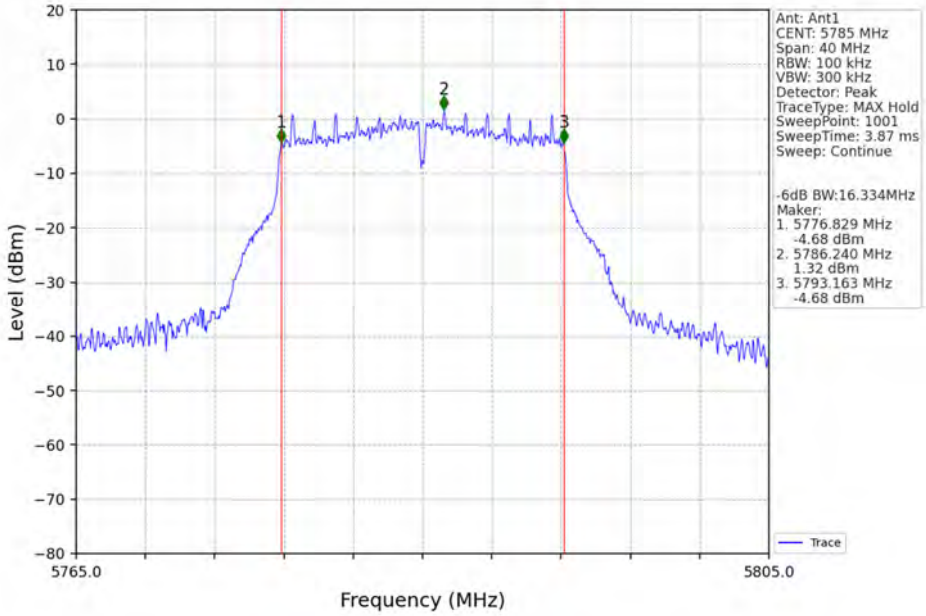


2.2.2 6dB BW

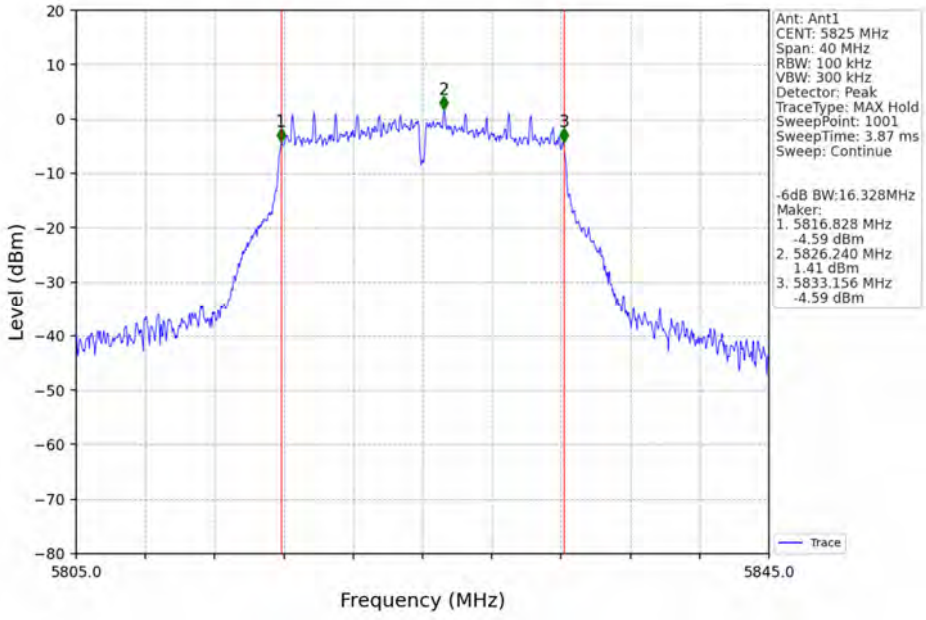
802.11a_LCH_5745MHz_Ant1_NTNV



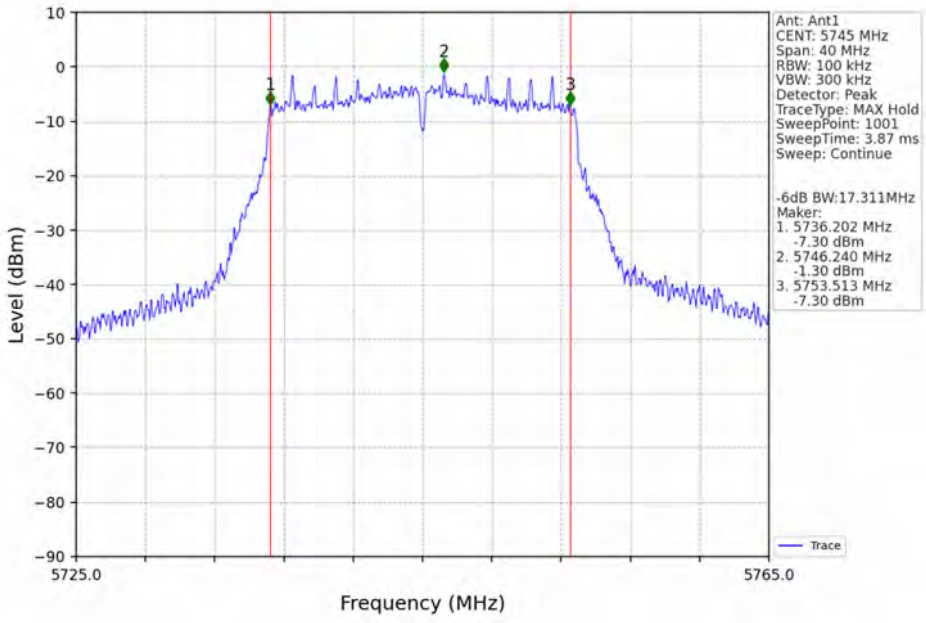
802.11a_MCH_5785MHz_Ant1_NTNV



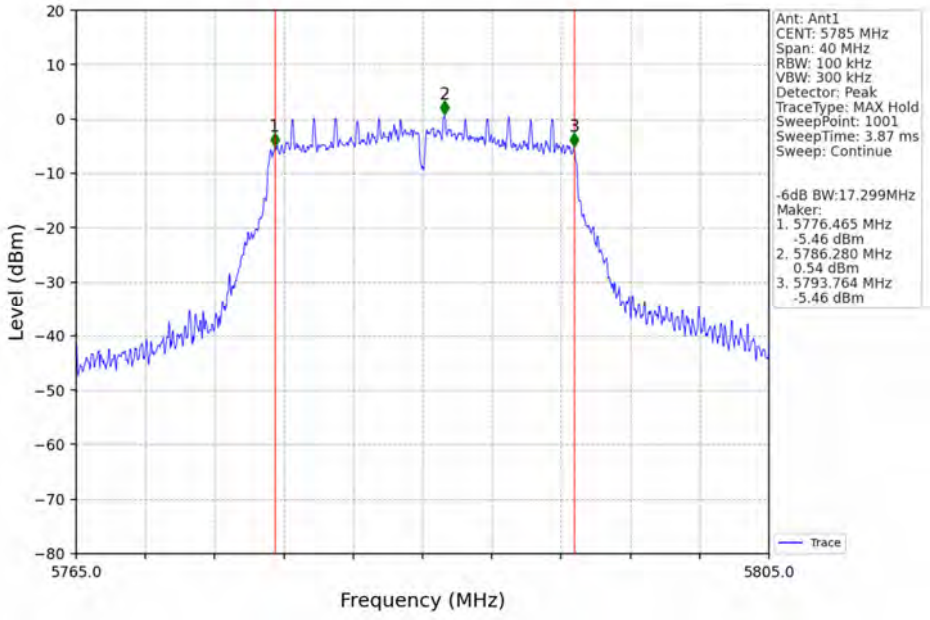
802.11a_HCH_5825MHz_Ant1_NTNV



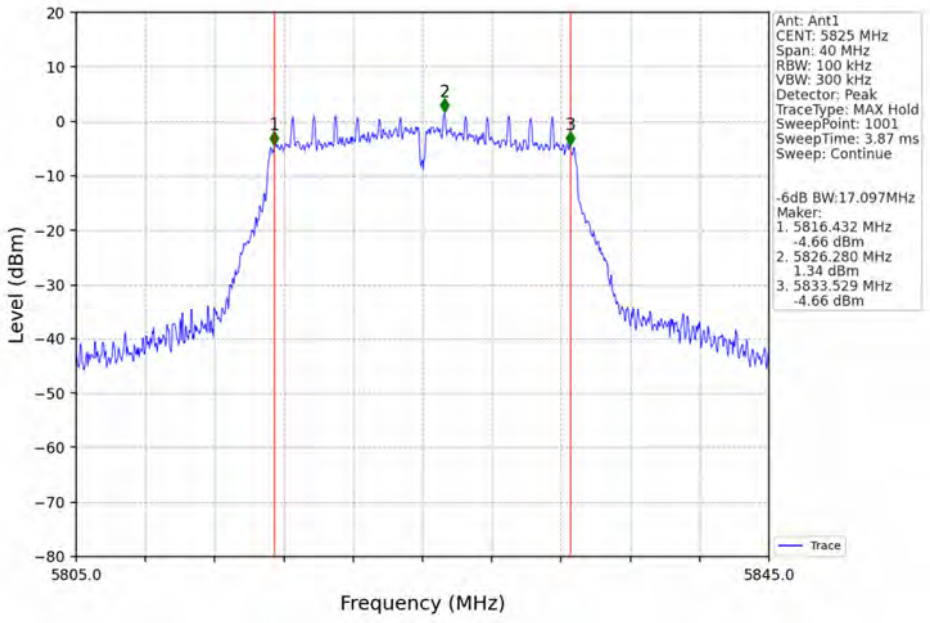
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



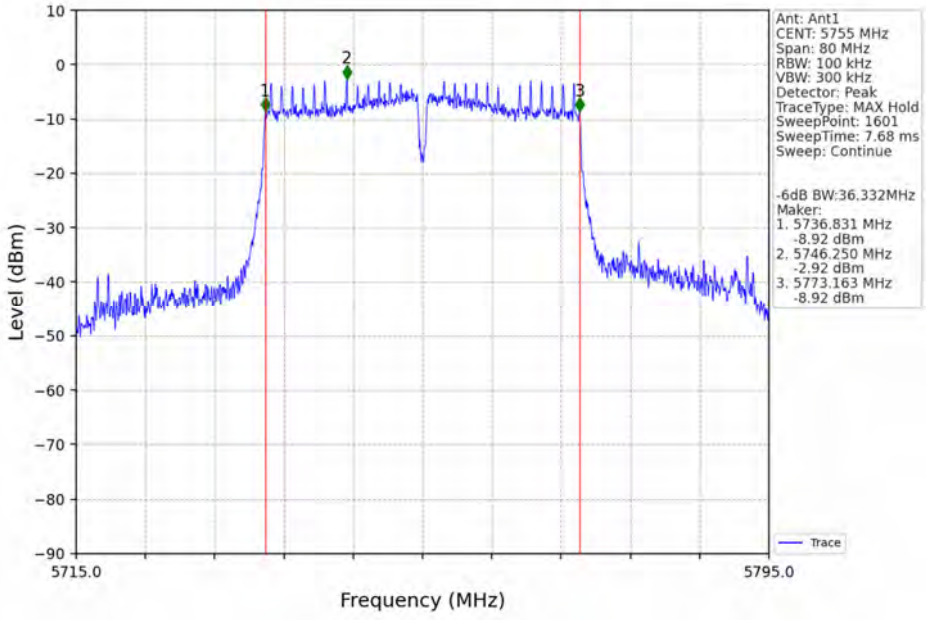
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



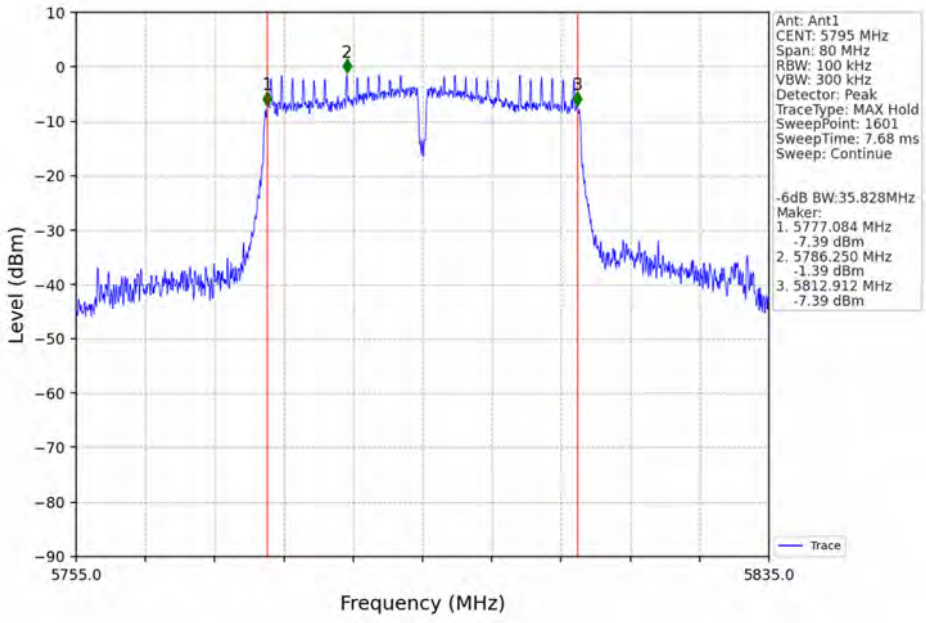
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



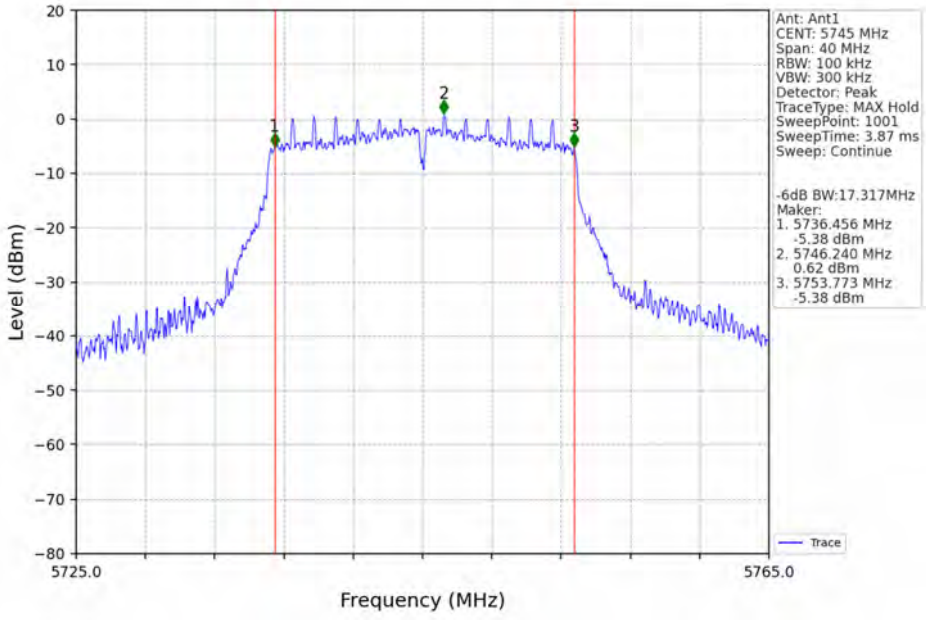
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



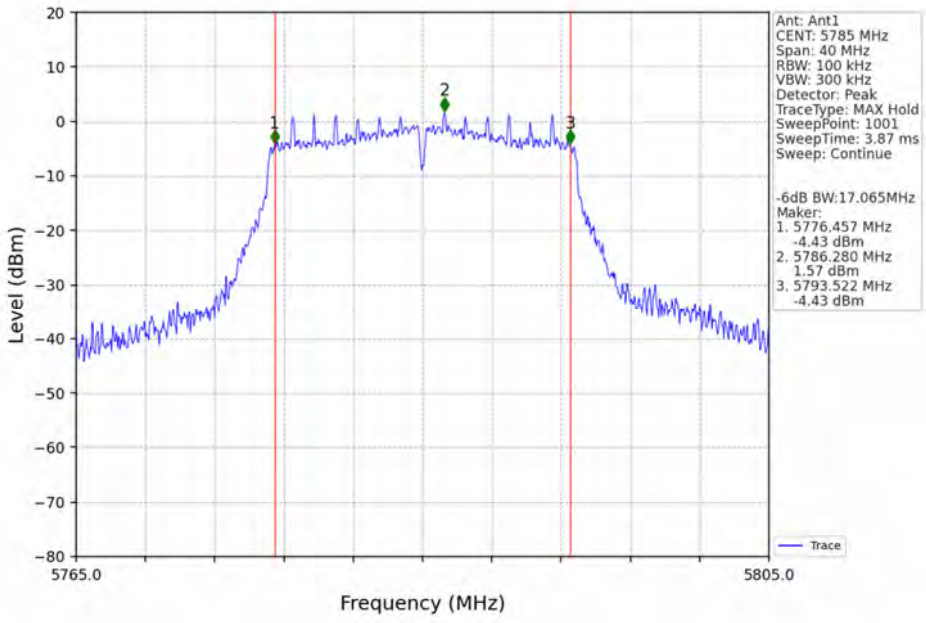
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



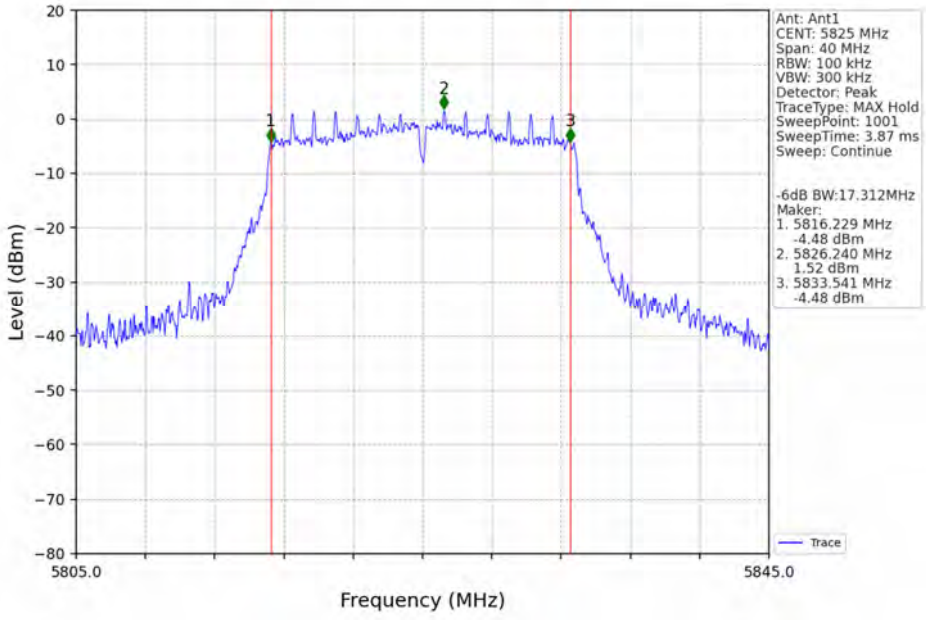
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



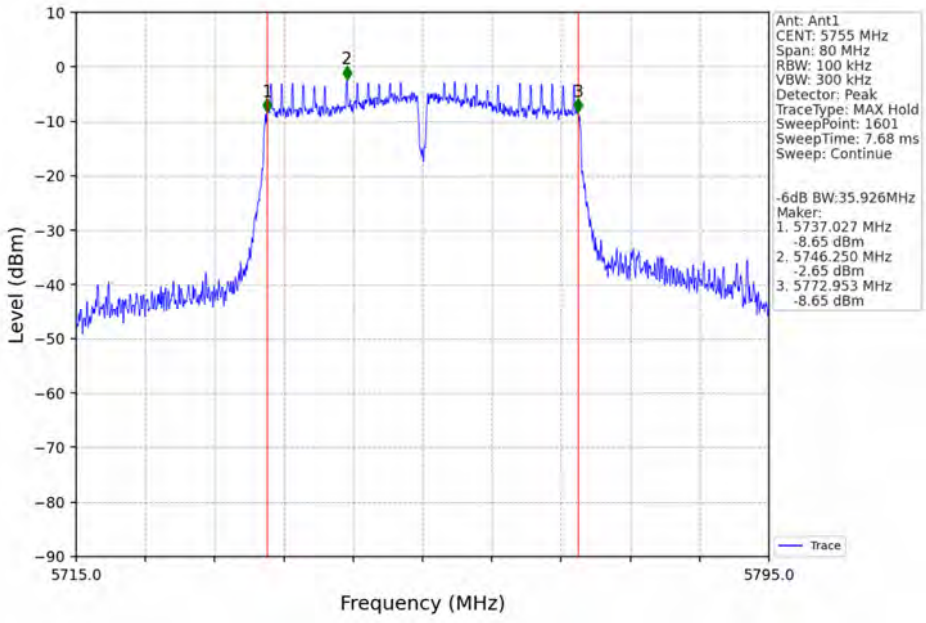
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



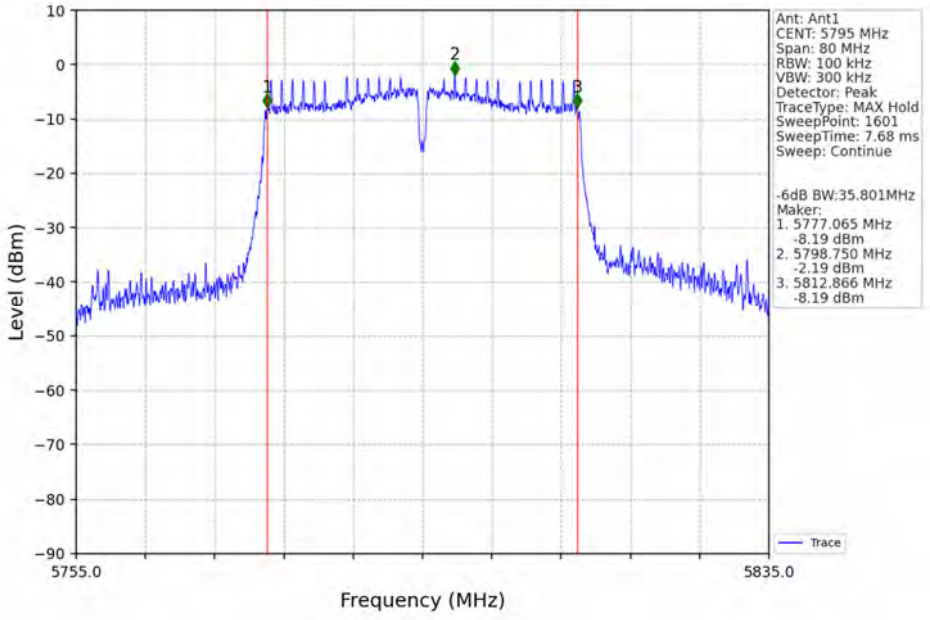
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



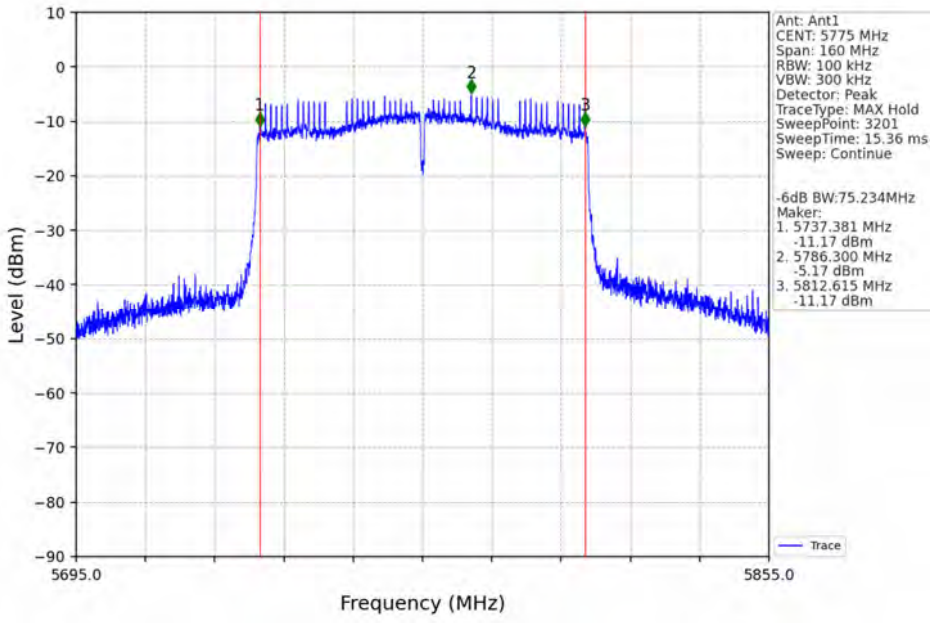
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

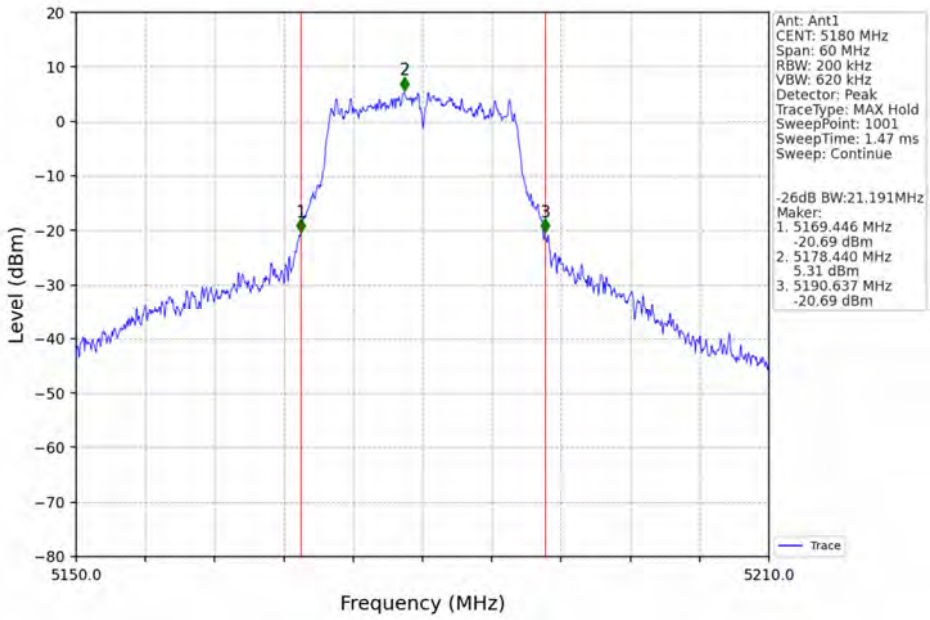


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

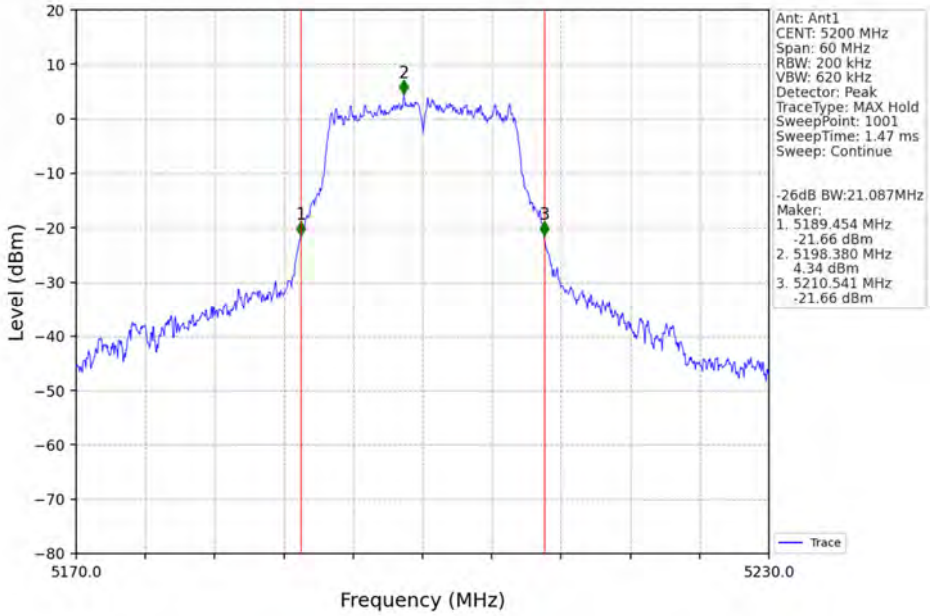


2.2.3 26dB BW

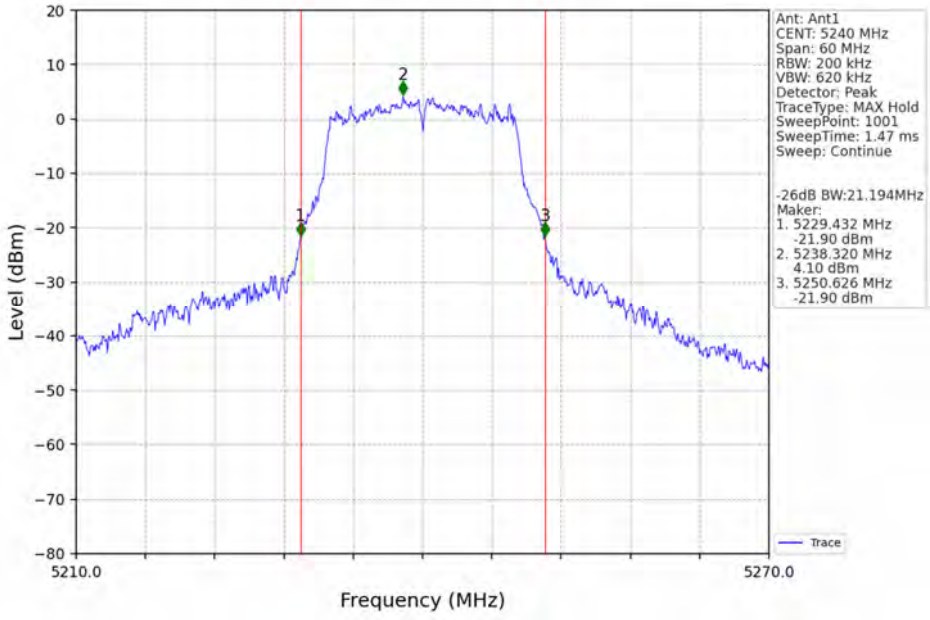
802.11a_LCH_5180MHz_Ant1_NTNV



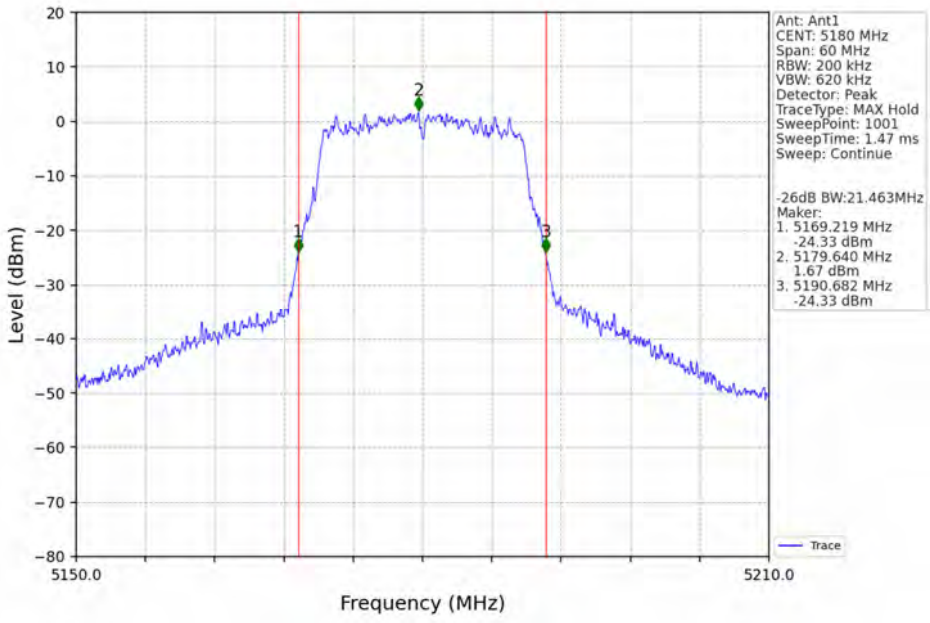
802.11a_MCH_5200MHz_Ant1_NTNV



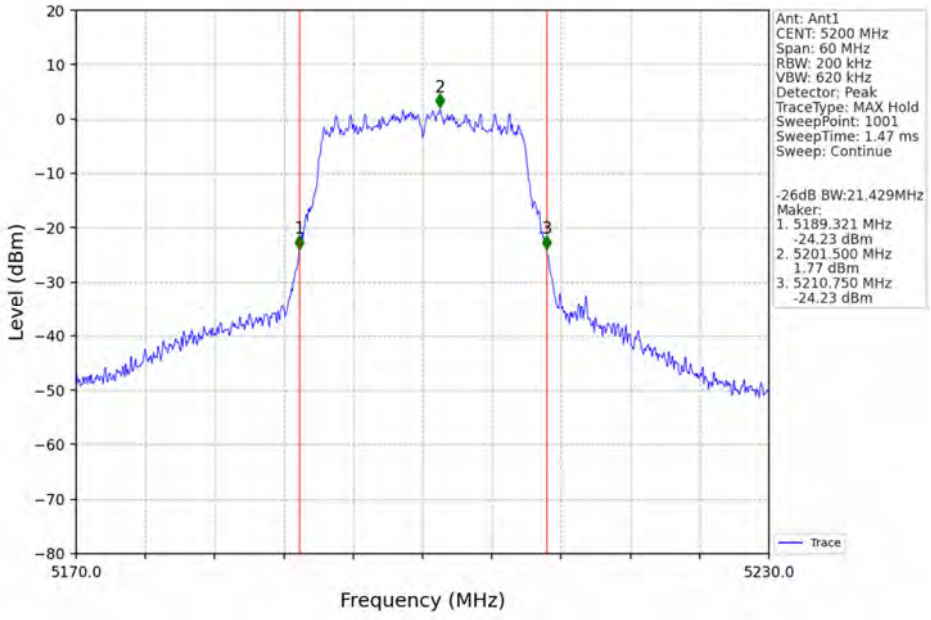
802.11a_HCH_5240MHz_Ant1_NTNV



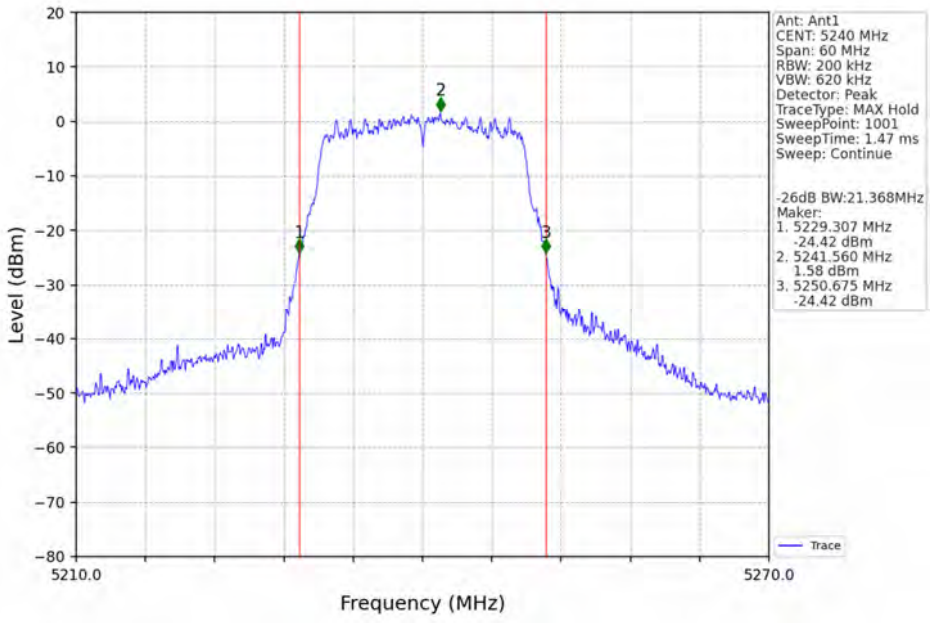
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



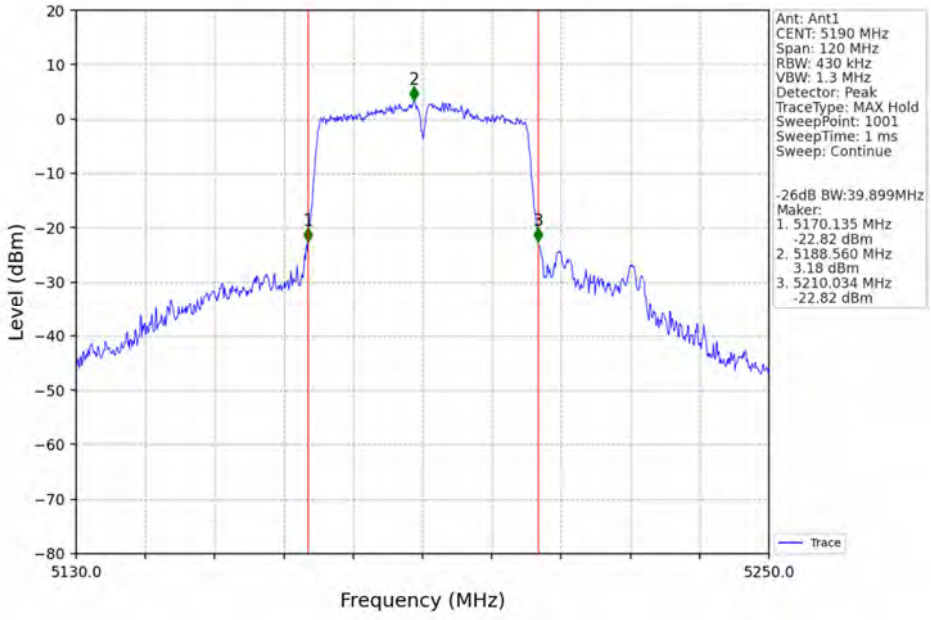
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



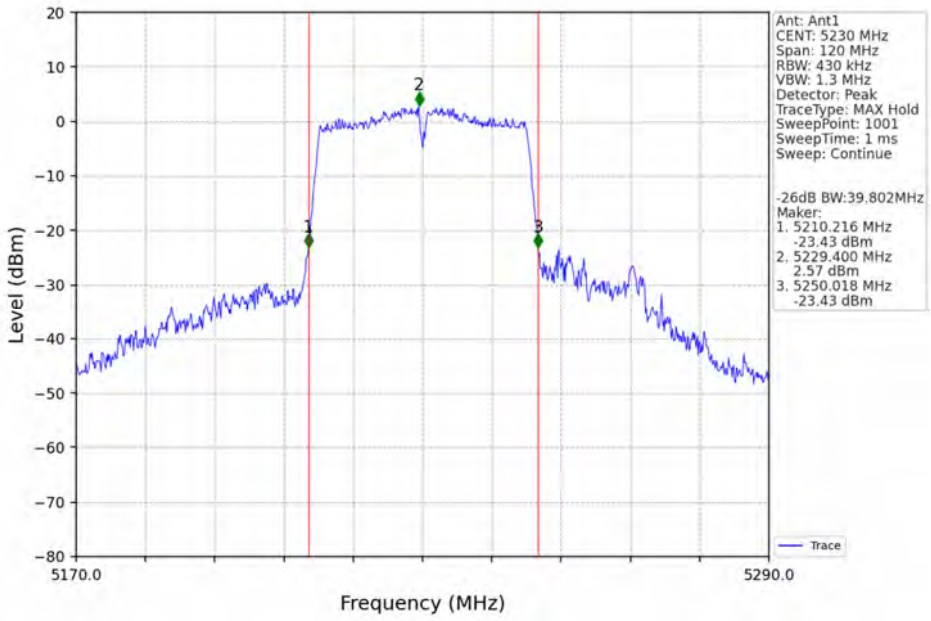
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



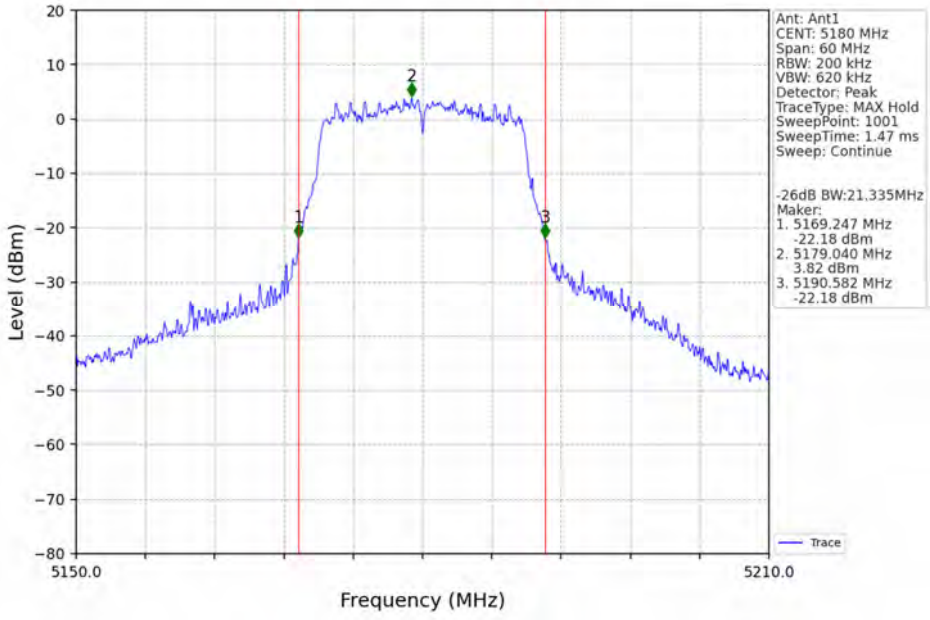
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



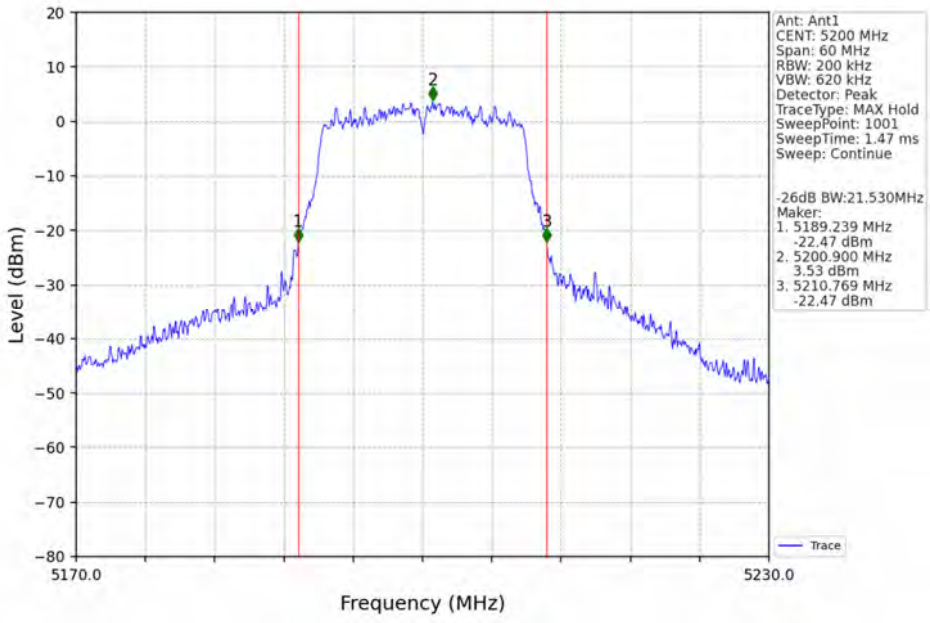
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



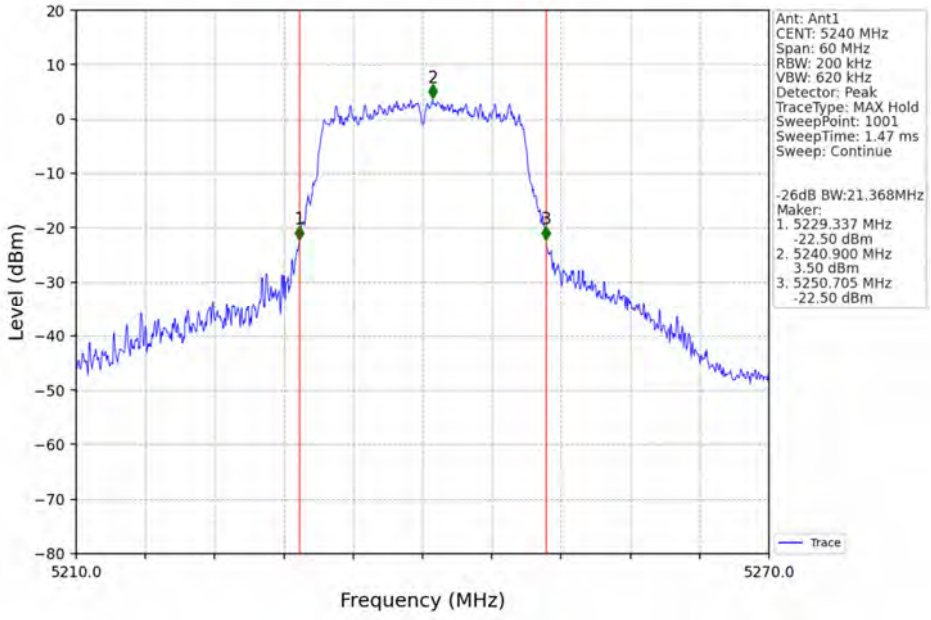
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



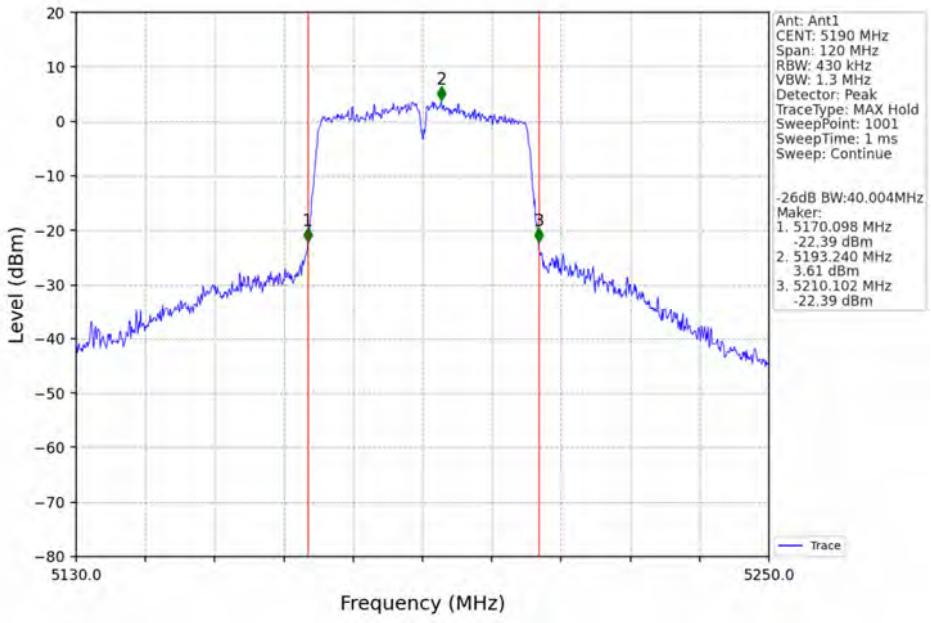
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



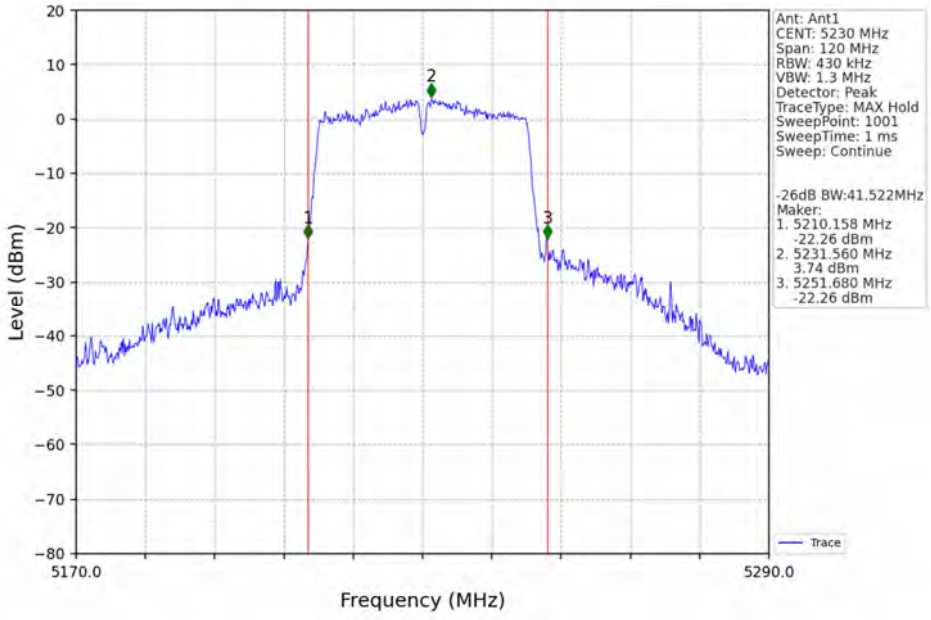
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



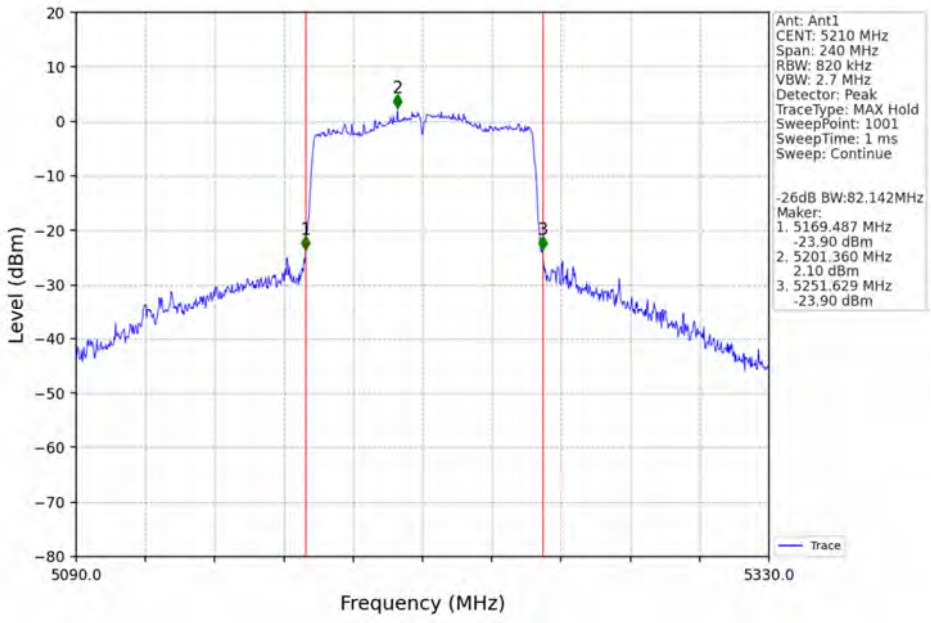
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

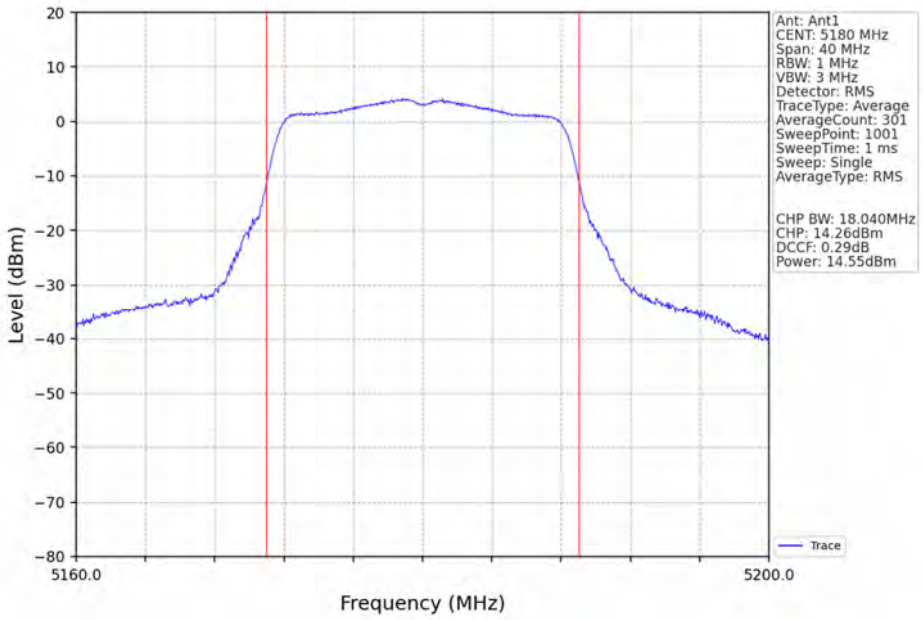
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	14.55	<=23.98	Pass
		5200	13.16	<=23.98	Pass
		5240	13.36	<=23.98	Pass
		5745	11.89	<=30	Pass
		5785	12.42	<=30	Pass
		5825	12.59	<=30	Pass
802.11n (HT20)	SISO	5180	11.26	<=23.98	Pass
		5200	11.13	<=23.98	Pass
		5240	10.83	<=23.98	Pass
		5745	9.21	<=30	Pass
		5785	11.30	<=30	Pass
		5825	11.64	<=30	Pass
802.11n (HT40)	SISO	5190	12.66	<=23.98	Pass
		5230	11.81	<=23.98	Pass
		5755	10.31	<=30	Pass
		5795	12.07	<=30	Pass
802.11ac (VHT20)	SISO	5180	13.09	<=23.98	Pass
		5200	12.98	<=23.98	Pass
		5240	12.75	<=23.98	Pass
		5745	11.57	<=30	Pass
		5785	12.38	<=30	Pass
		5825	12.36	<=30	Pass
802.11ac (VHT40)	SISO	5190	13.04	<=23.98	Pass
		5230	13.28	<=23.98	Pass
		5755	11.22	<=30	Pass
		5795	11.64	<=30	Pass
802.11ac (VHT80)	SISO	5210	11.48	<=23.98	Pass
		5775	10.74	<=30	Pass

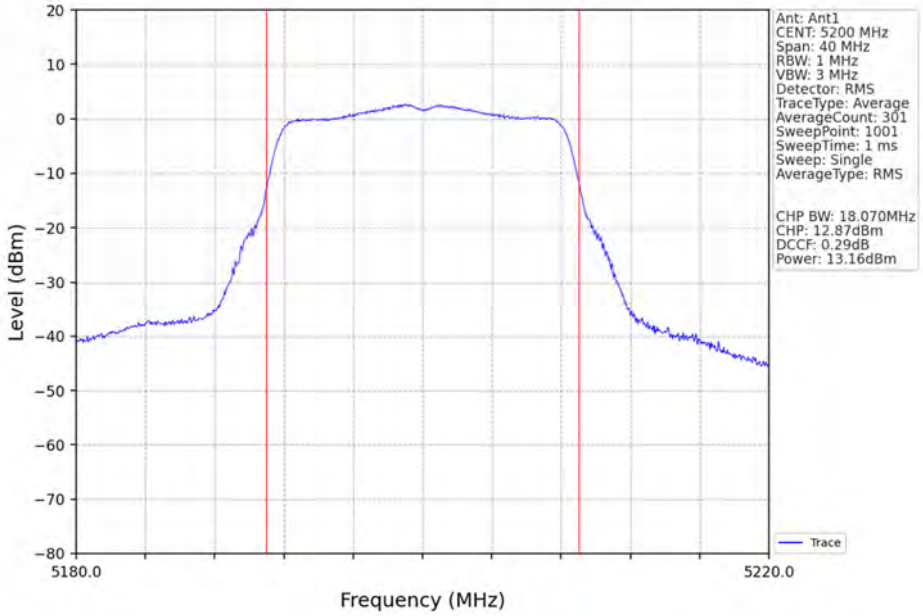
3.2 Test Graph

3.2.1 Power

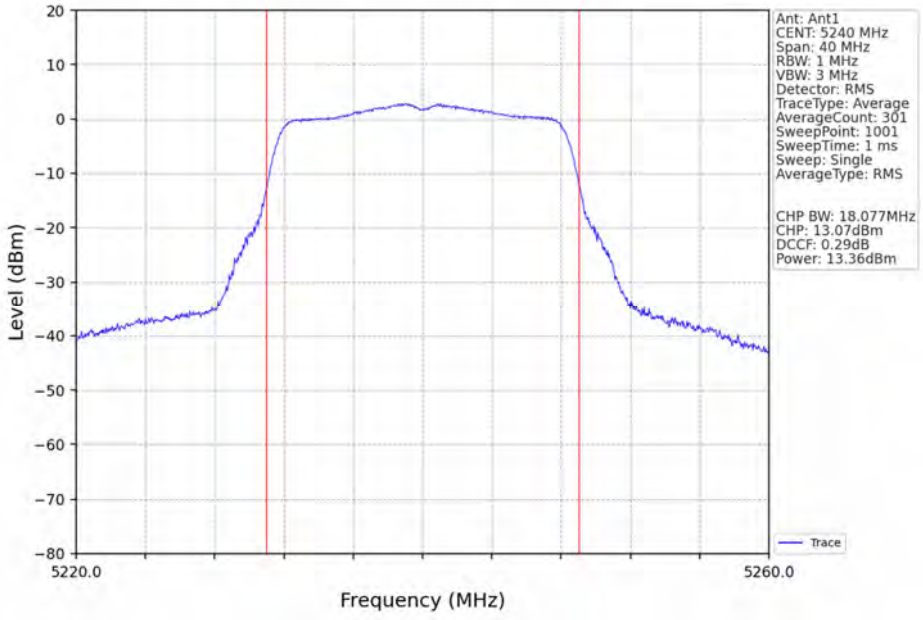
802.11a_LCH_5180MHz_Ant1_NTNV



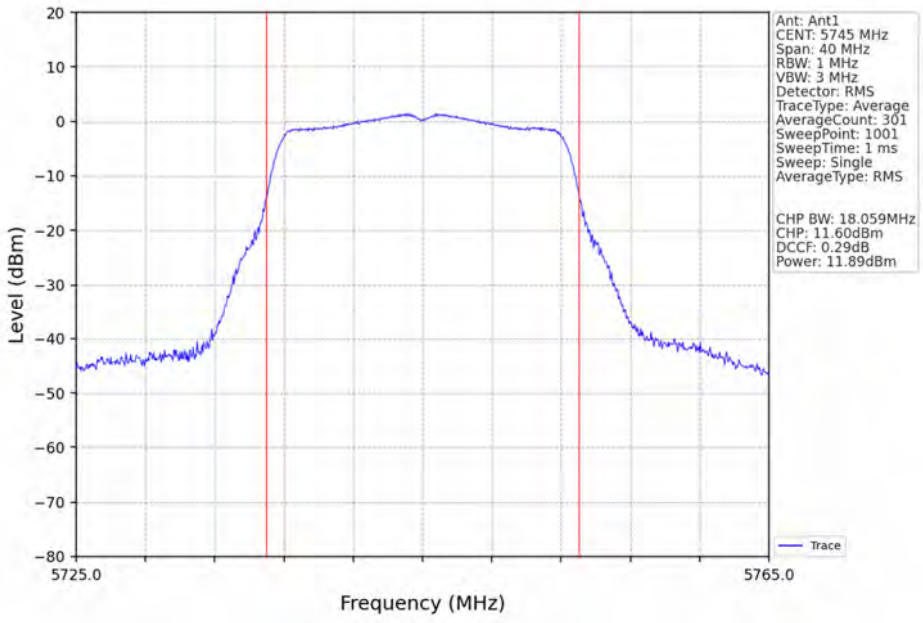
802.11a_MCH_5200MHz_Ant1_NTNV



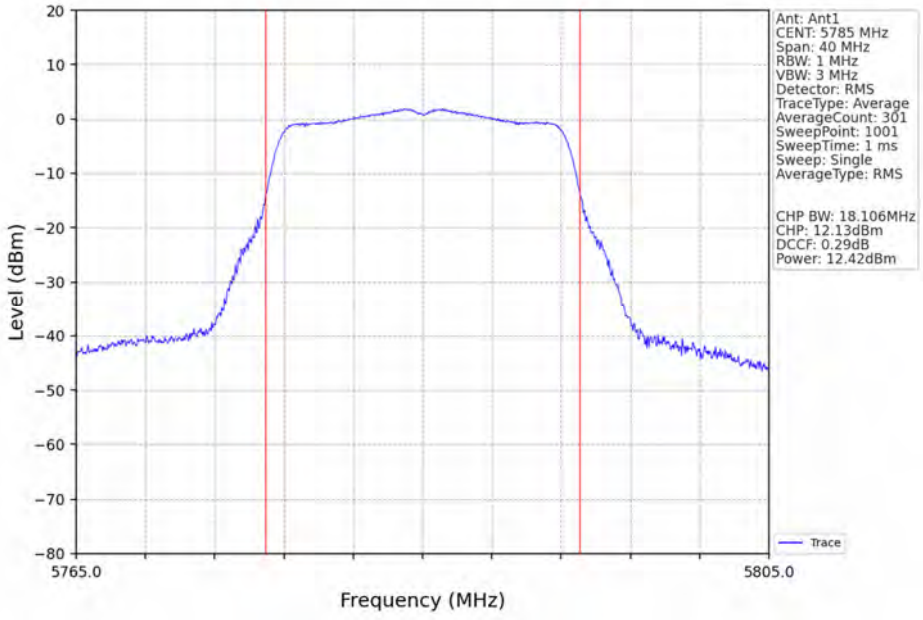
802.11a_HCH_5240MHz_Ant1_NTNV



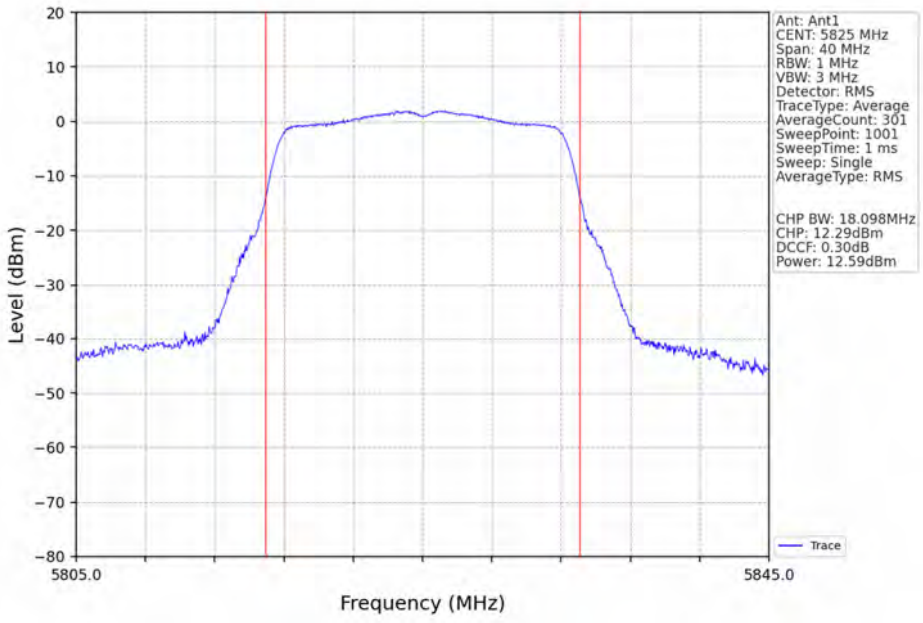
802.11a_LCH_5745MHz_Ant1_NTNV



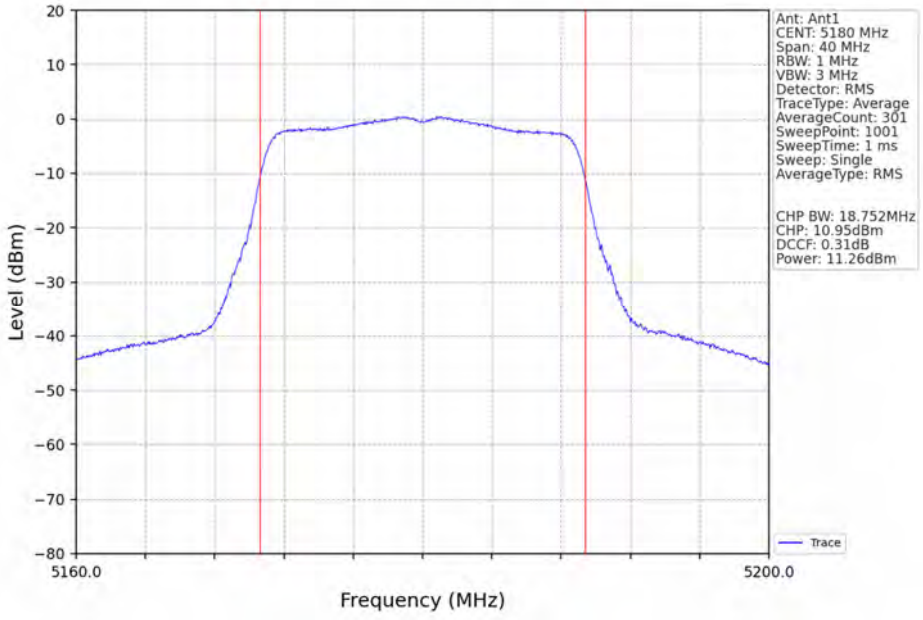
802.11a_MCH_5785MHz_Ant1_NTNV



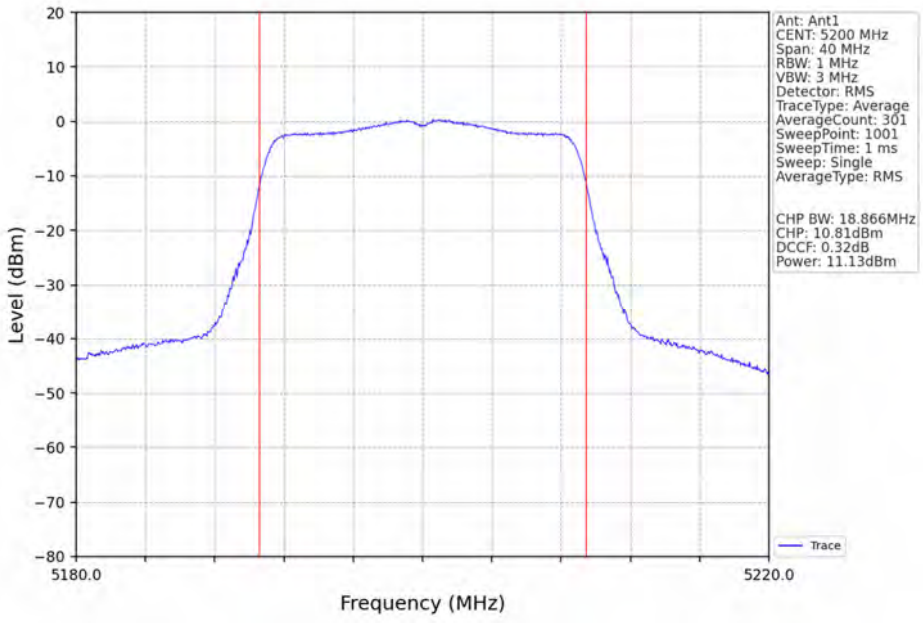
802.11a_HCH_5825MHz_Ant1_NTNV



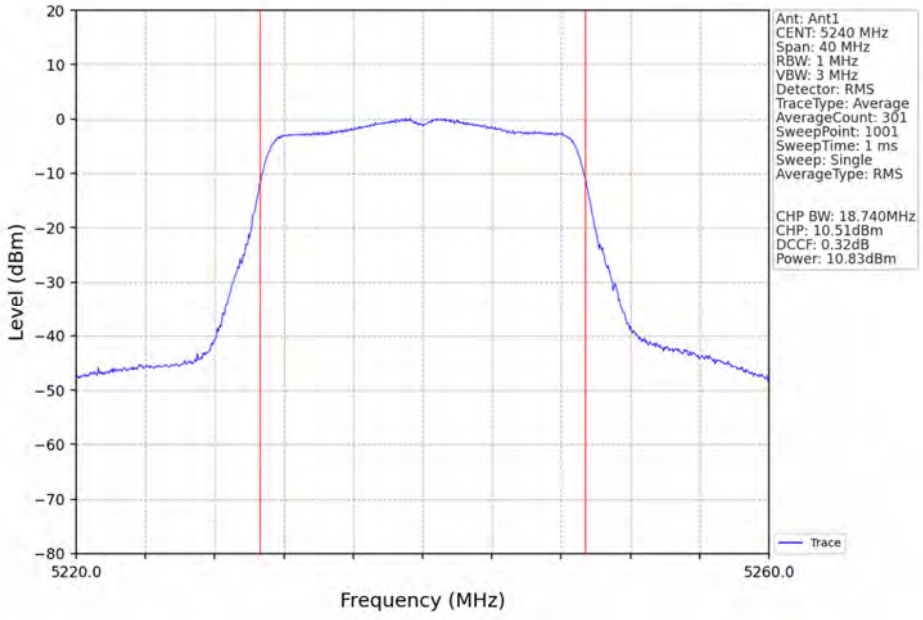
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



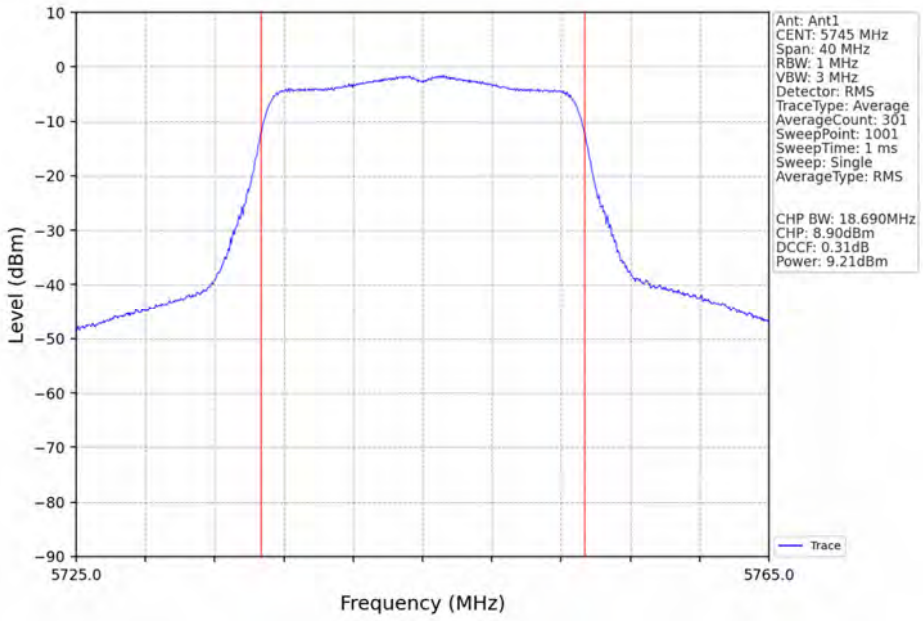
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



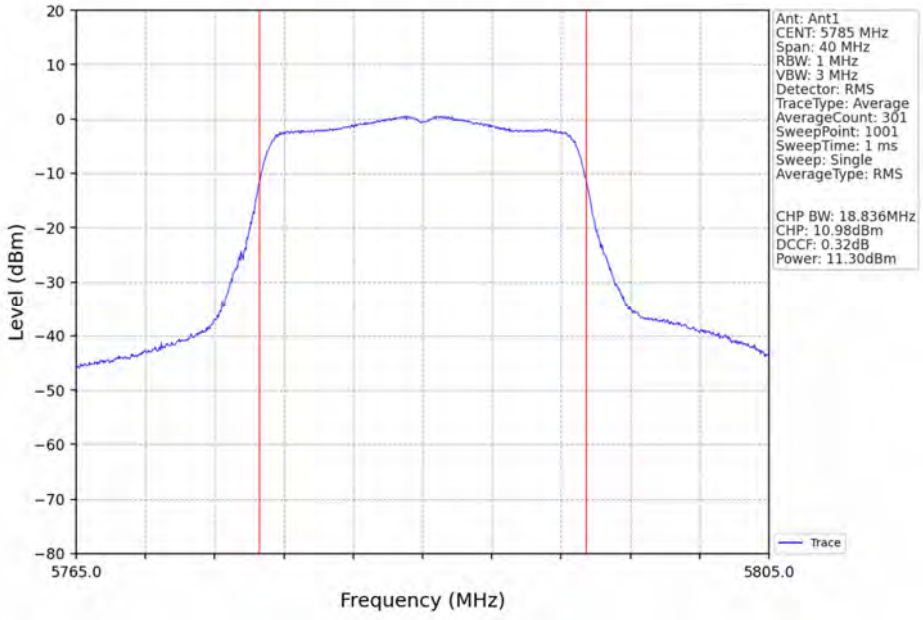
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



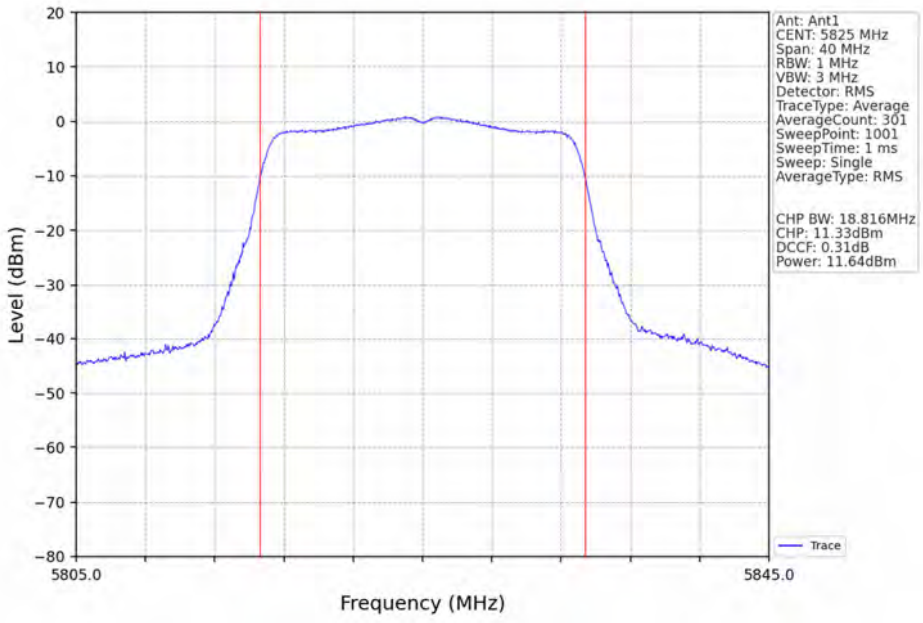
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



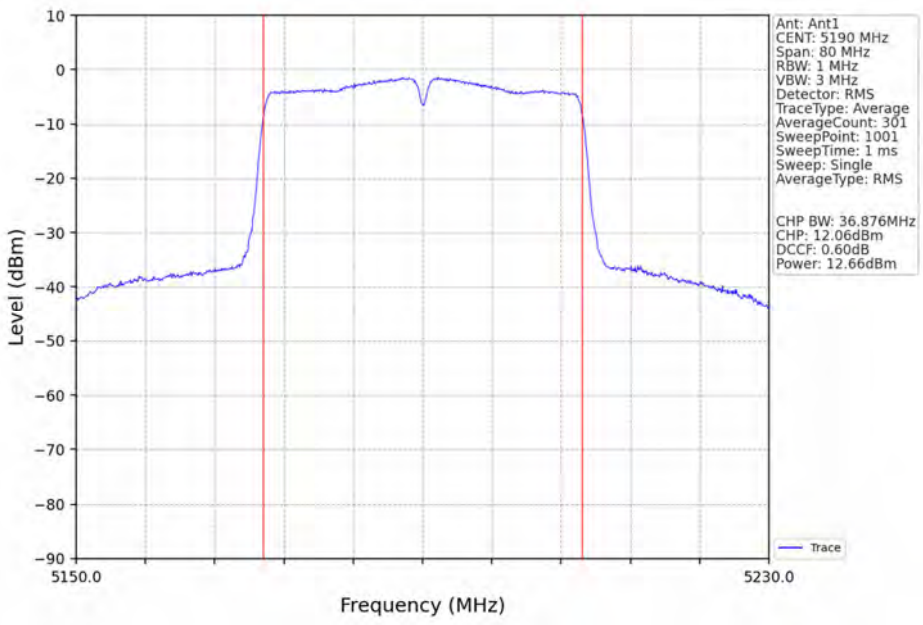
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



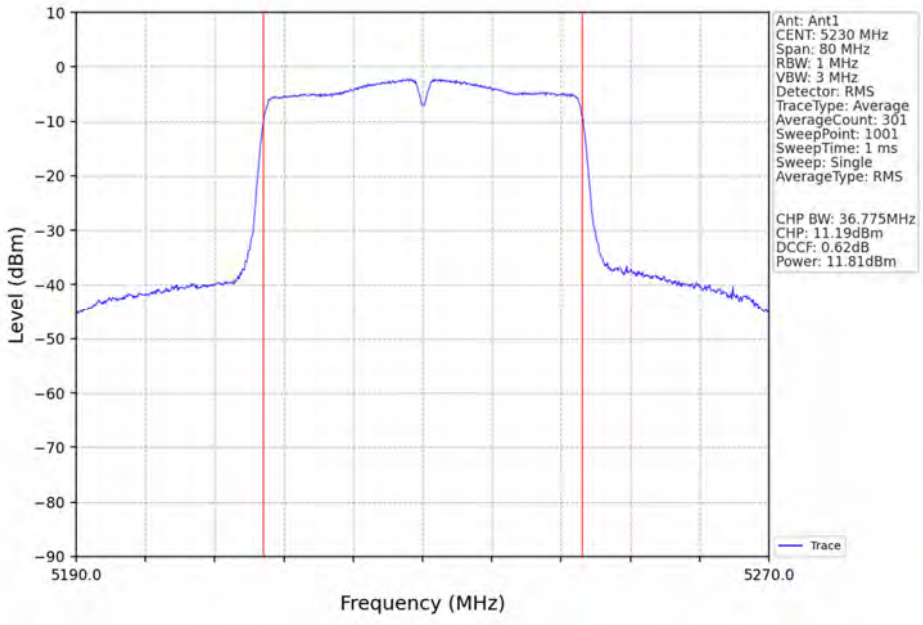
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



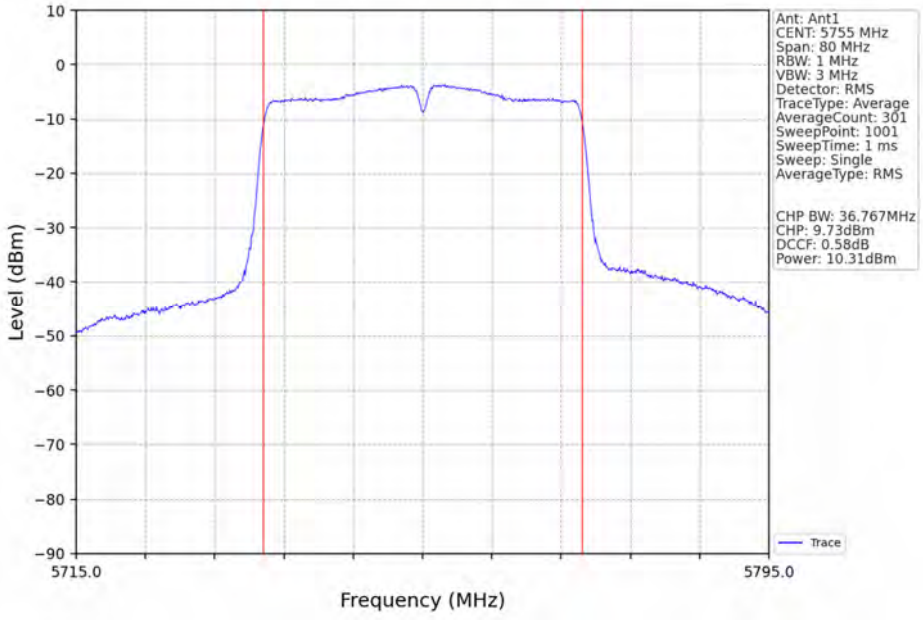
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



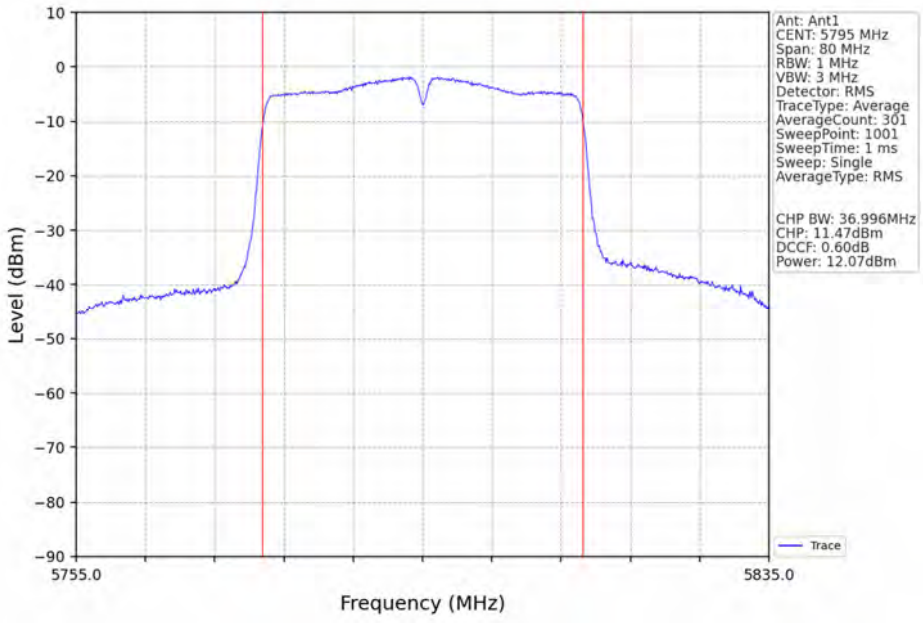
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



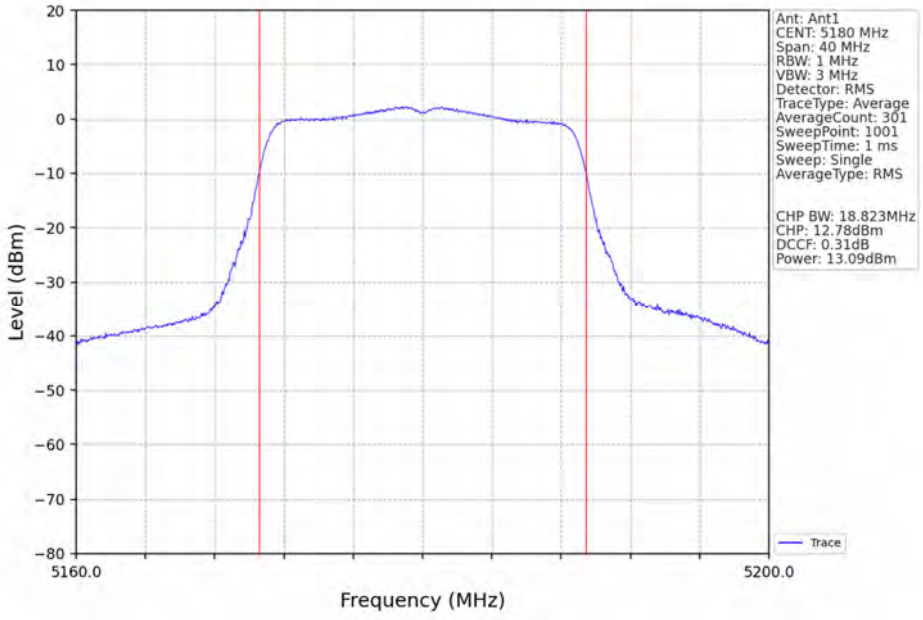
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



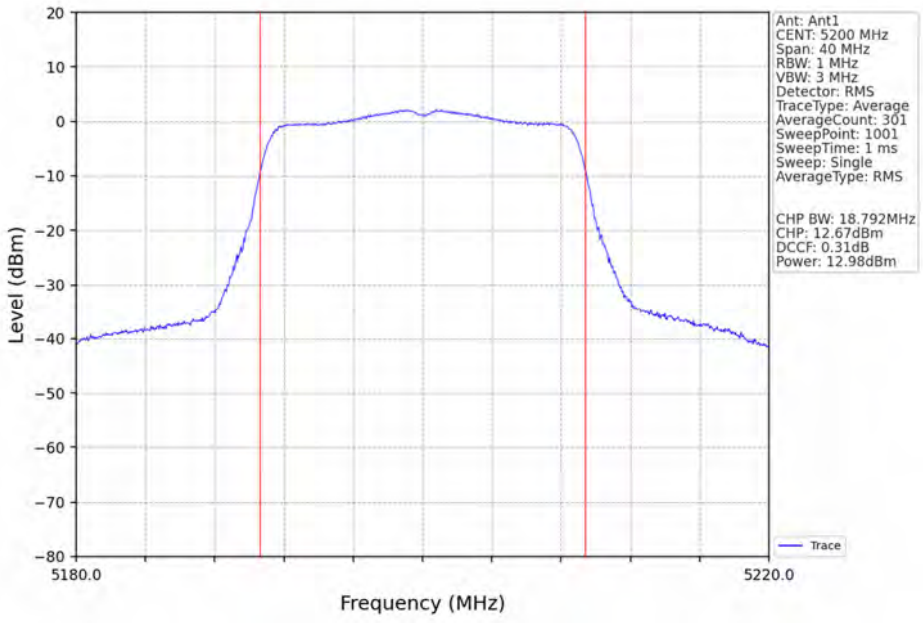
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



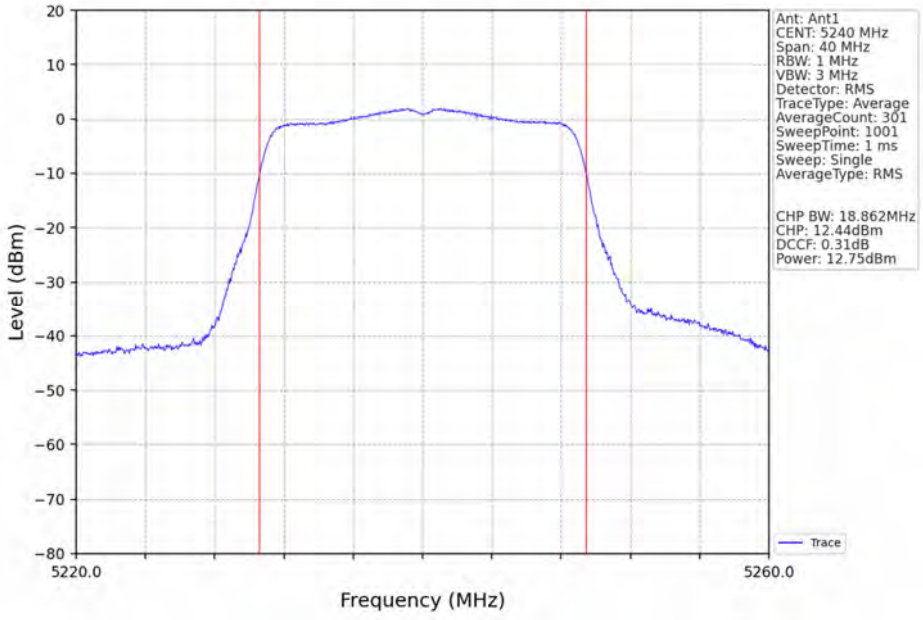
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



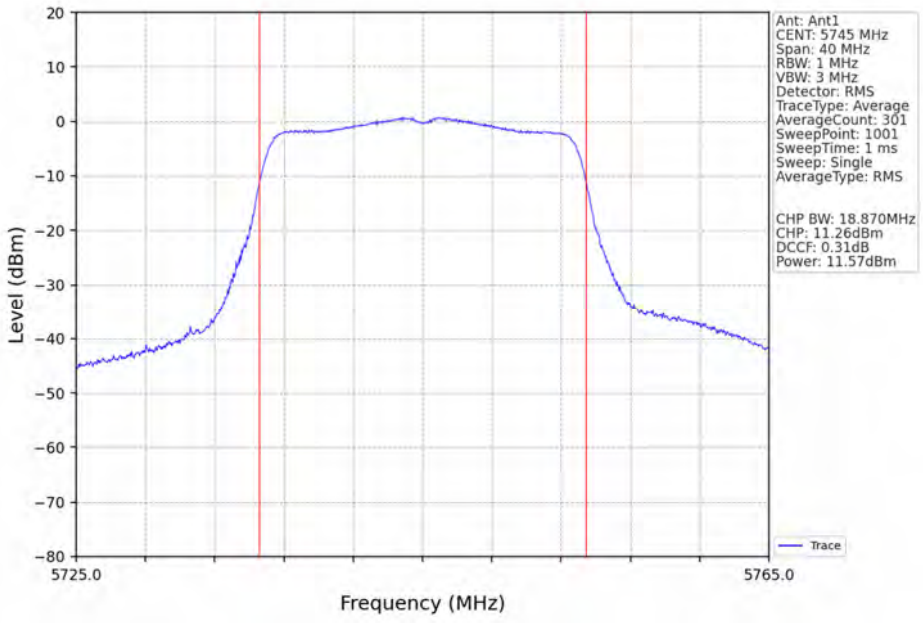
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



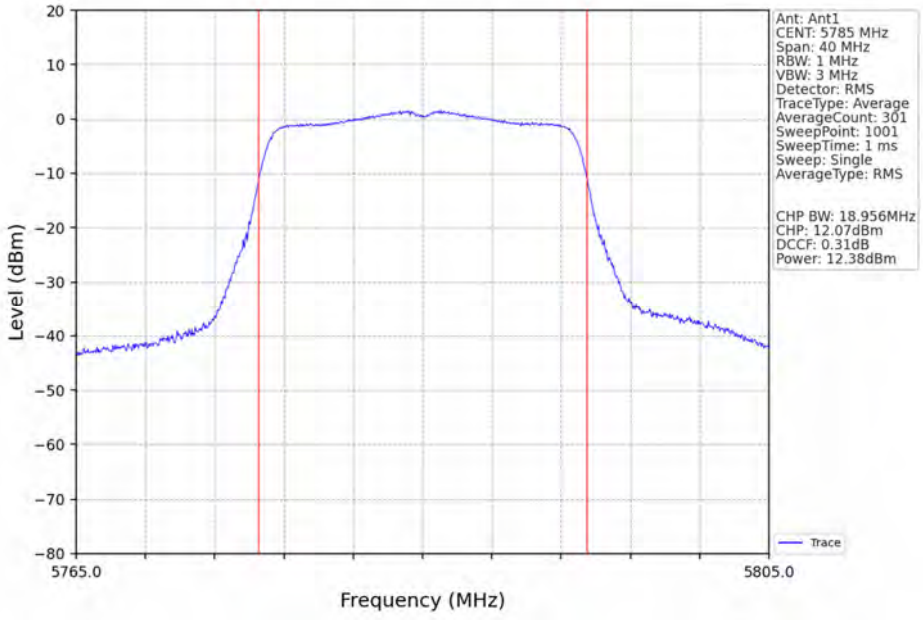
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



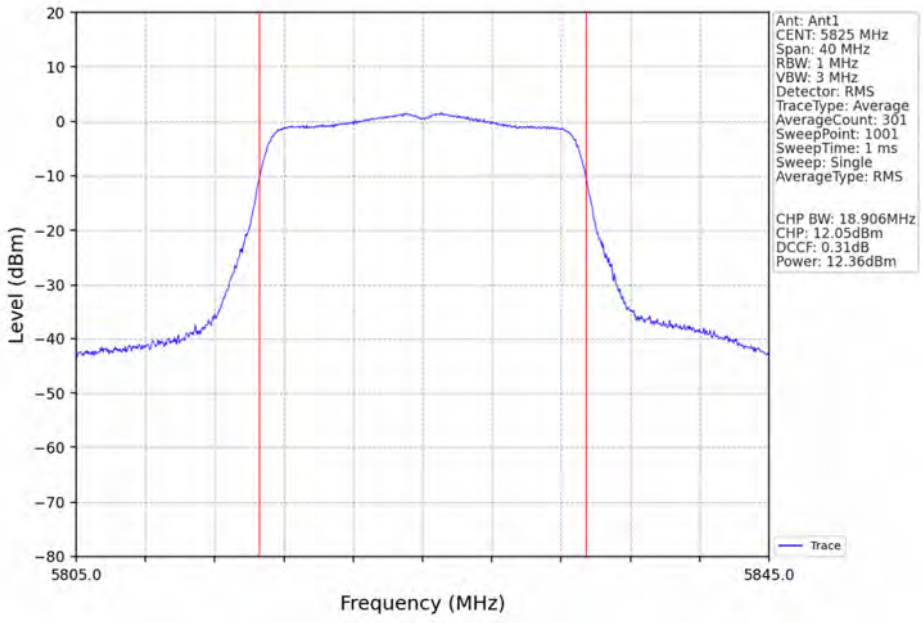
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



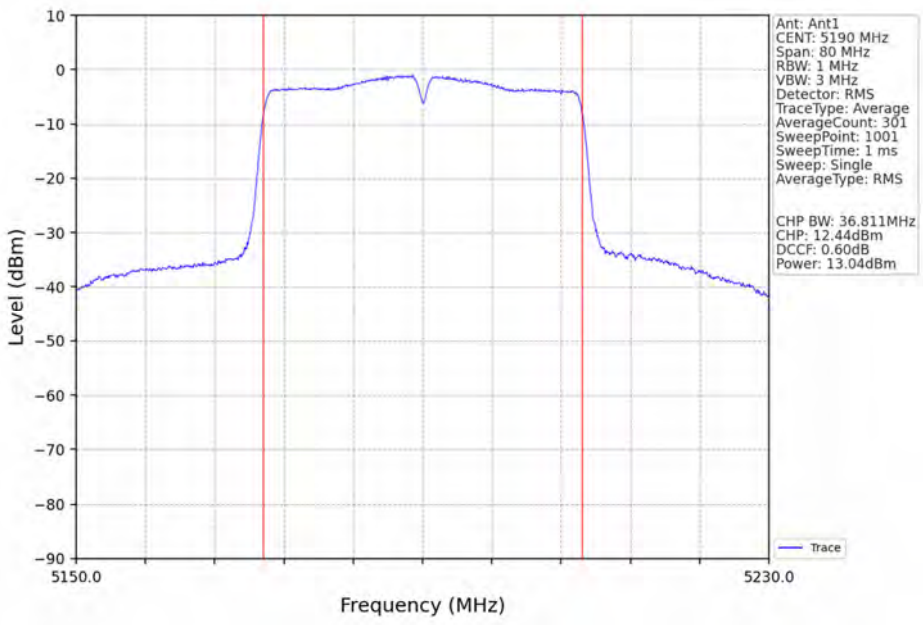
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



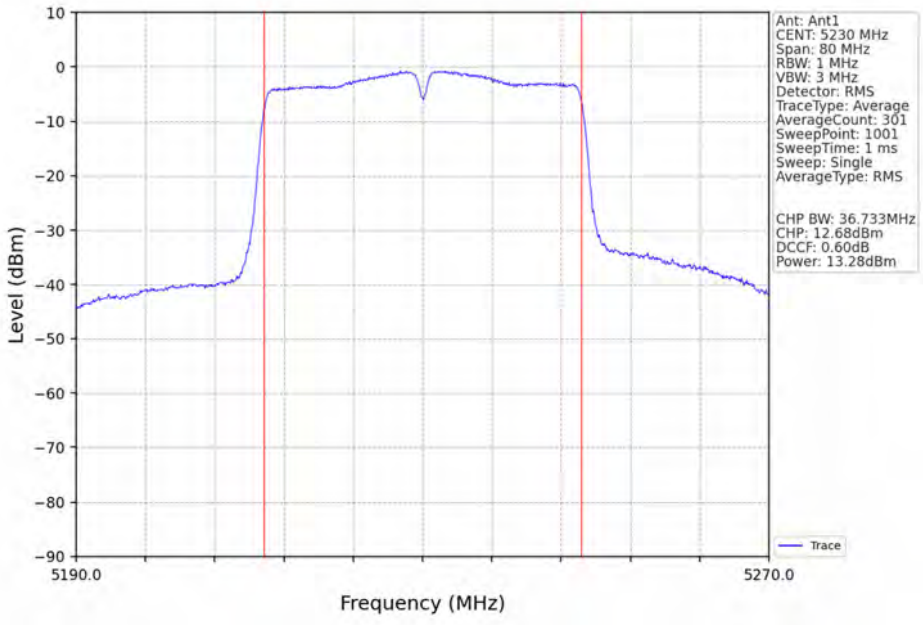
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



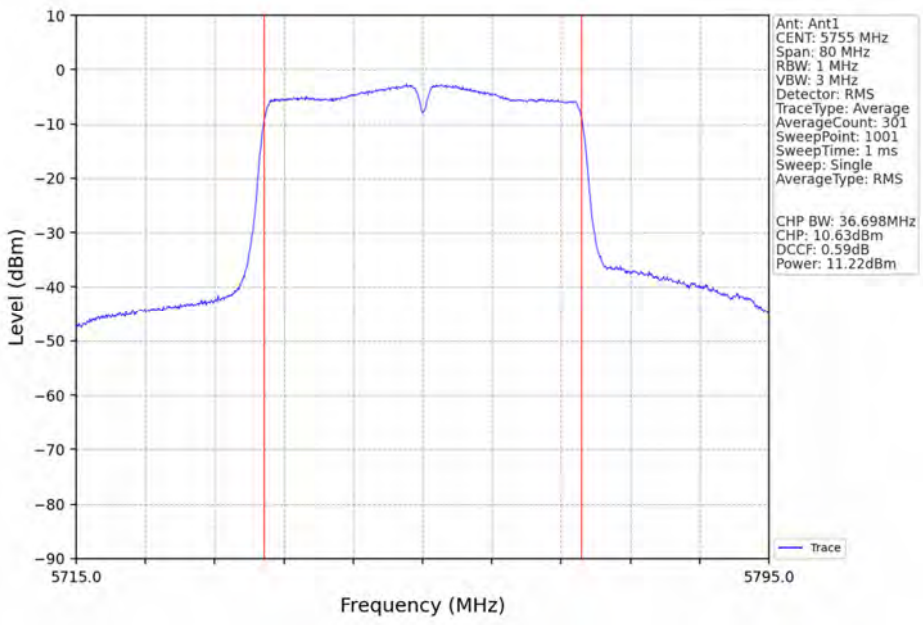
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



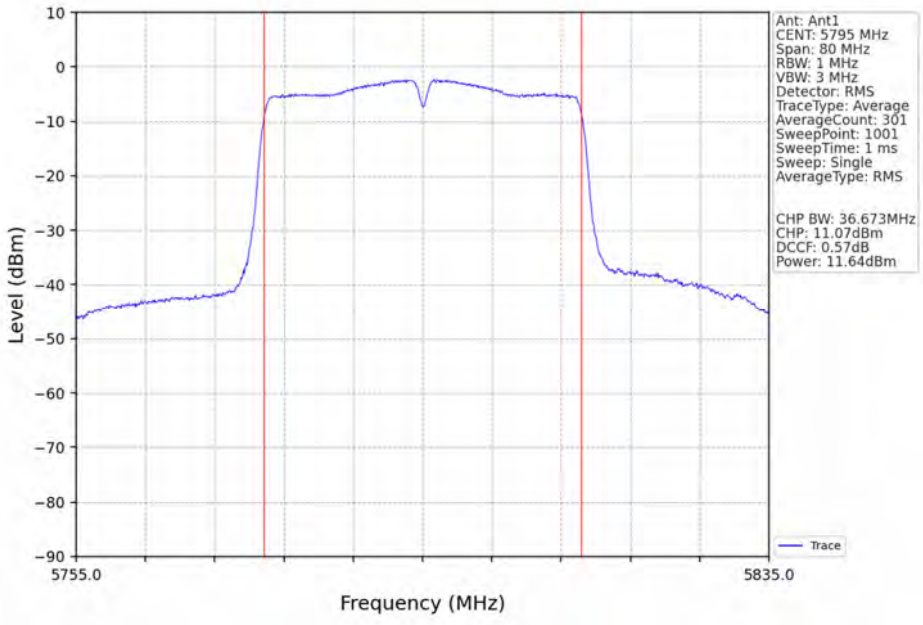
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



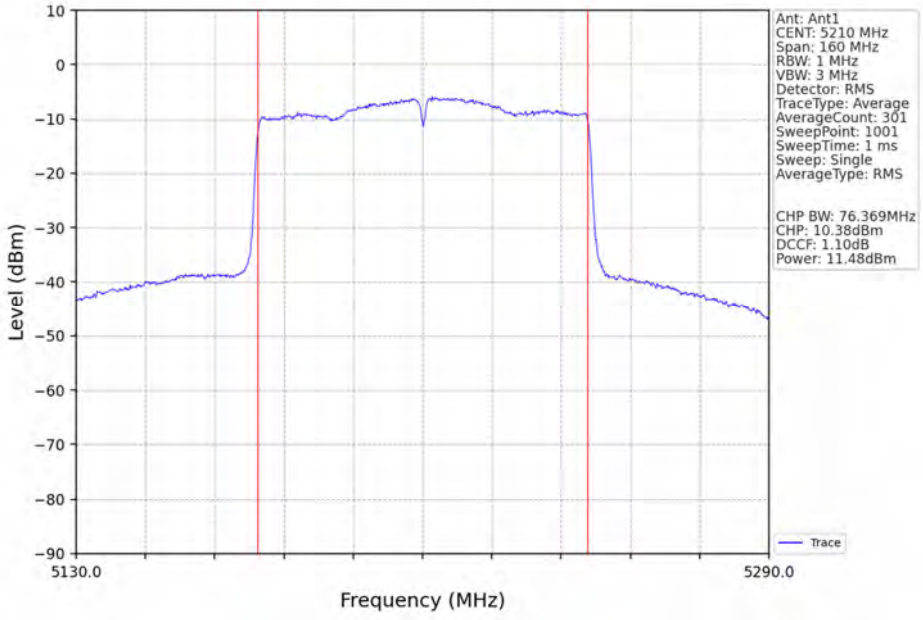
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



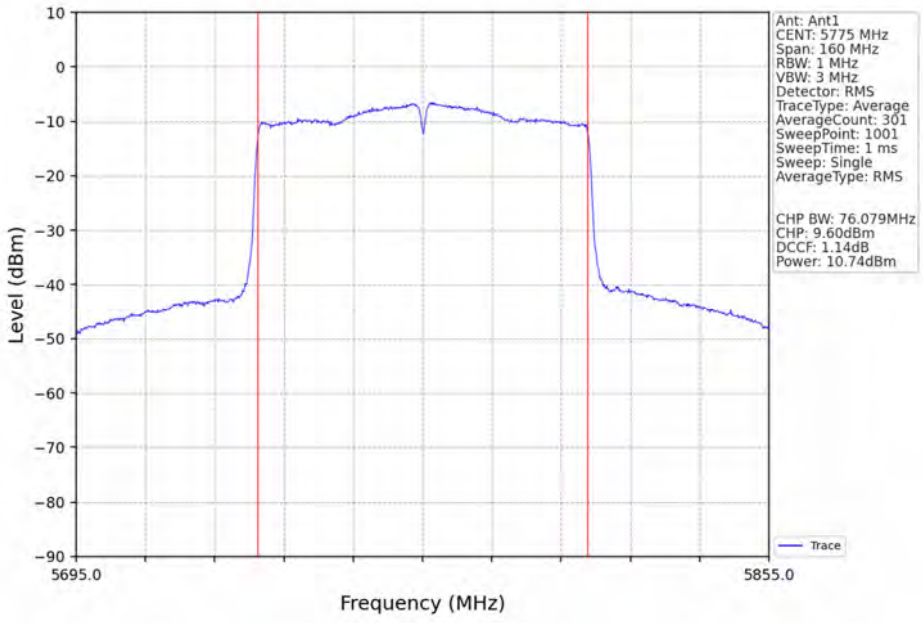
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	4.35	<=11	Pass
		5200	2.81	<=11	Pass
		5240	3.23	<=11	Pass
802.11n (HT20)	SISO	5180	1.01	<=11	Pass
		5200	0.70	<=11	Pass
		5240	0.53	<=11	Pass
802.11n (HT40)	SISO	5190	-0.89	<=11	Pass
		5230	-1.53	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.81	<=11	Pass
		5200	2.45	<=11	Pass
		5240	2.41	<=11	Pass
802.11ac (VHT40)	SISO	5190	-0.57	<=11	Pass
		5230	-0.03	<=11	Pass
802.11ac (VHT80)	SISO	5210	-5.00	<=11	Pass

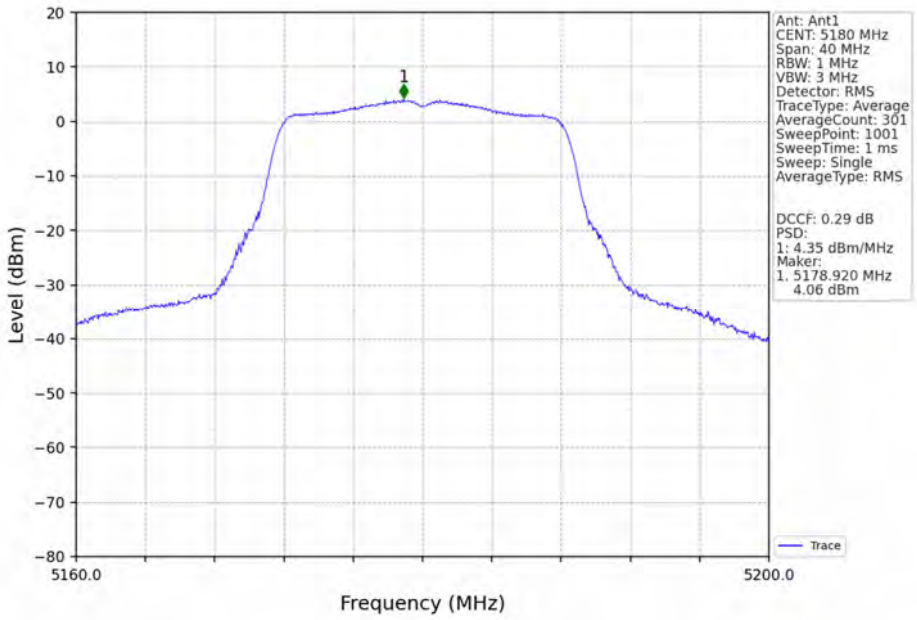
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-1.12	<=30	Pass
		5785	-0.24	<=30	Pass
		5825	-0.40	<=30	Pass
802.11n (HT20)	SISO	5745	-3.82	<=30	Pass
		5785	-1.70	<=30	Pass
		5825	-1.43	<=30	Pass
802.11n (HT40)	SISO	5755	-5.70	<=30	Pass
		5795	-4.14	<=30	Pass
802.11ac (VHT20)	SISO	5745	-1.47	<=30	Pass
		5785	-0.68	<=30	Pass
		5825	-0.69	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.19	<=30	Pass
		5795	-4.54	<=30	Pass
802.11ac (VHT80)	SISO	5775	-8.21	<=30	Pass

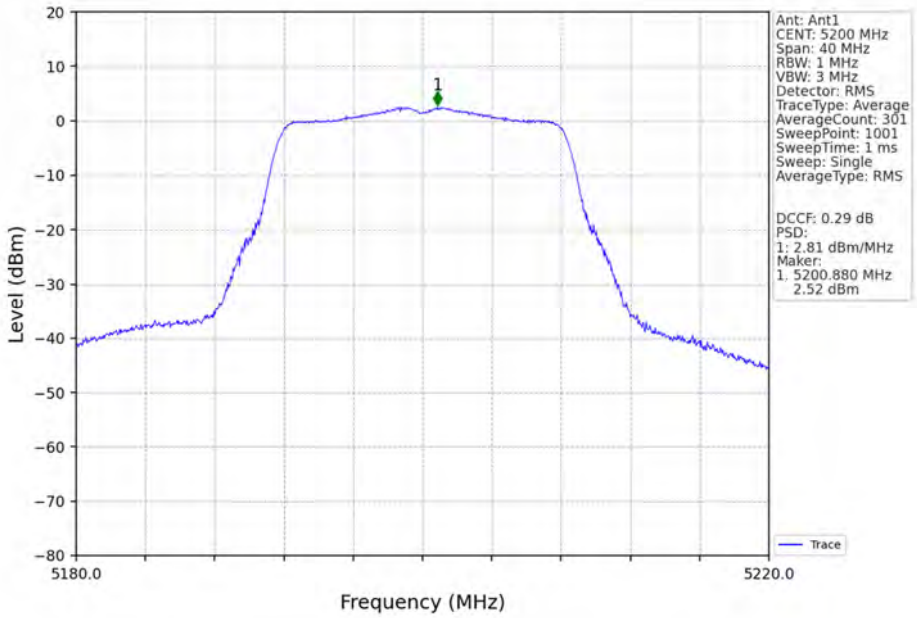
4.2 Test Graph

4.2.1 PSD

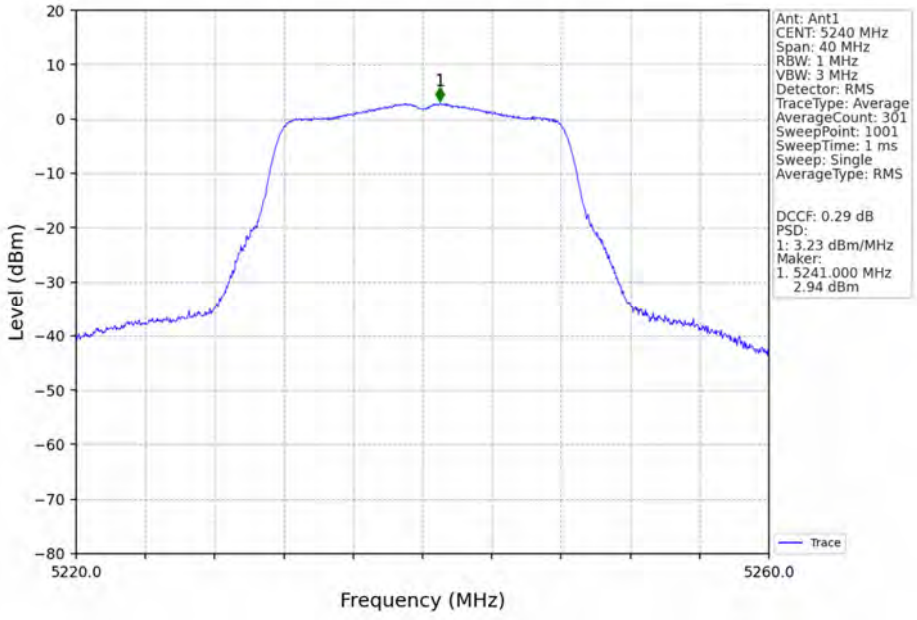
802.11a_LCH_5180MHz_Ant1_NTNV



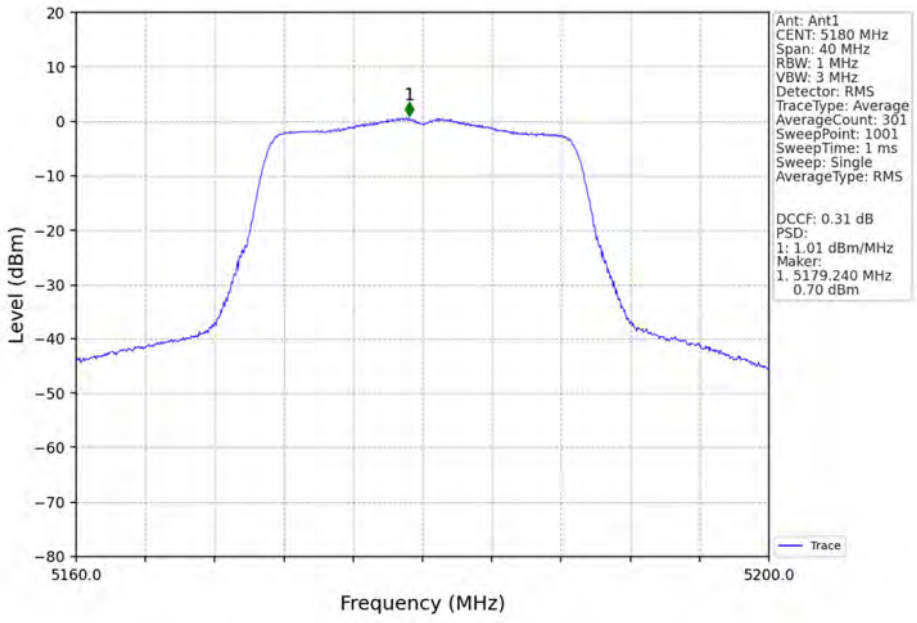
802.11a_MCH_5200MHz_Ant1_NTNV



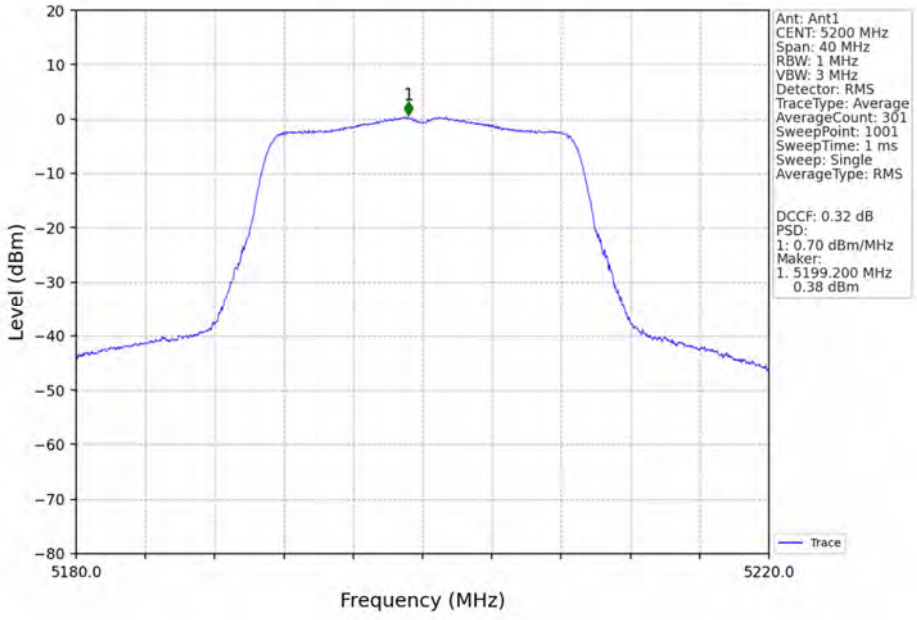
802.11a_HCH_5240MHz_Ant1_NTNV



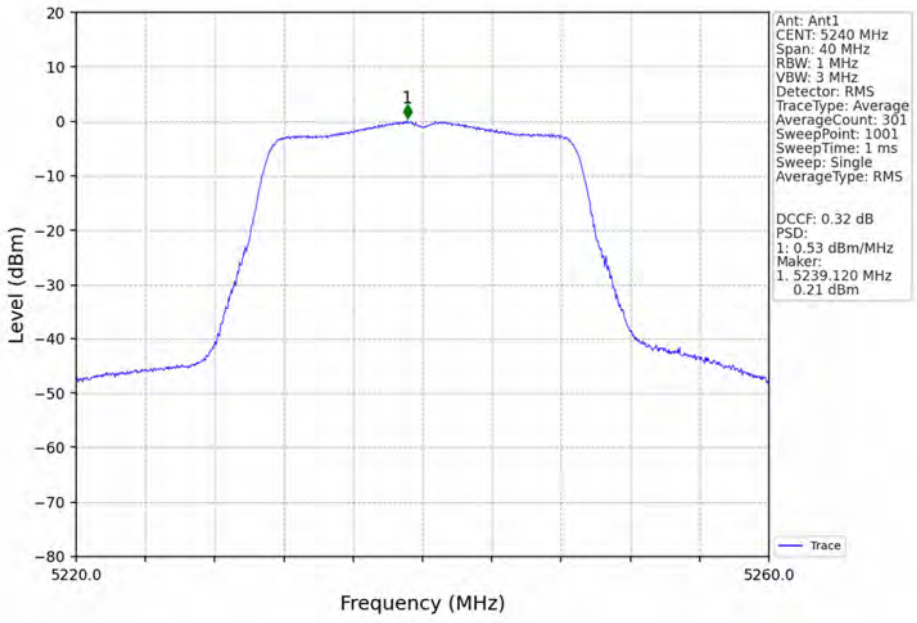
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



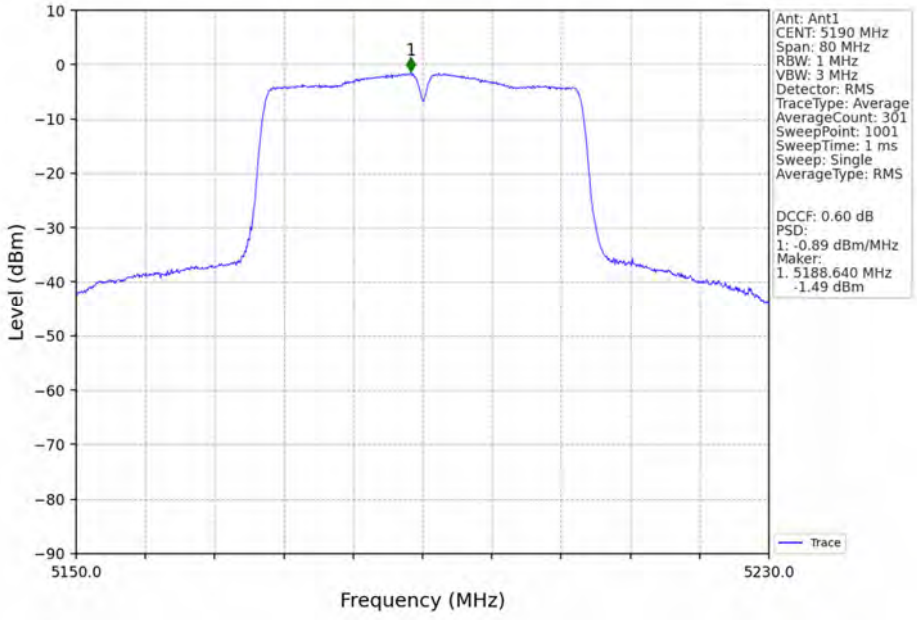
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



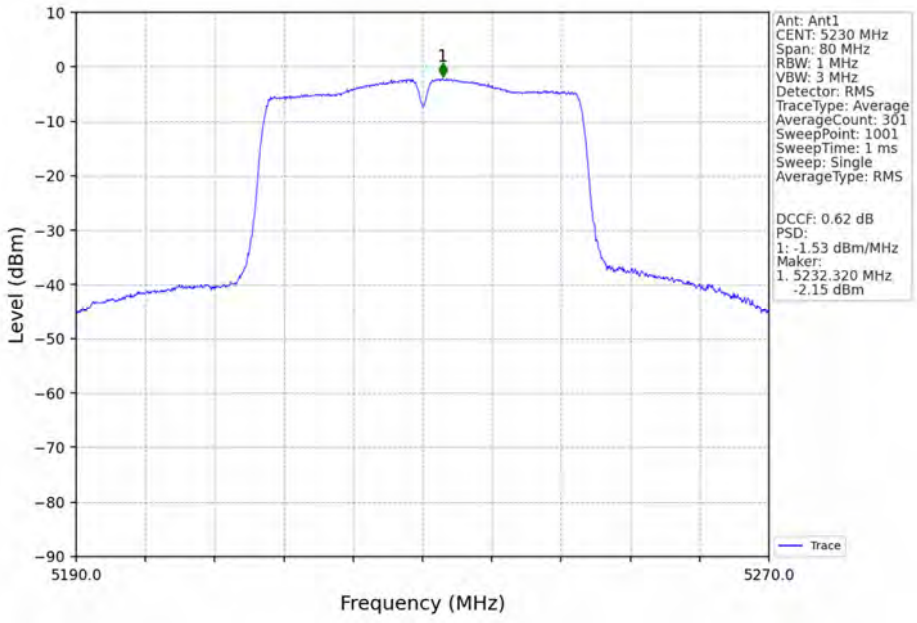
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



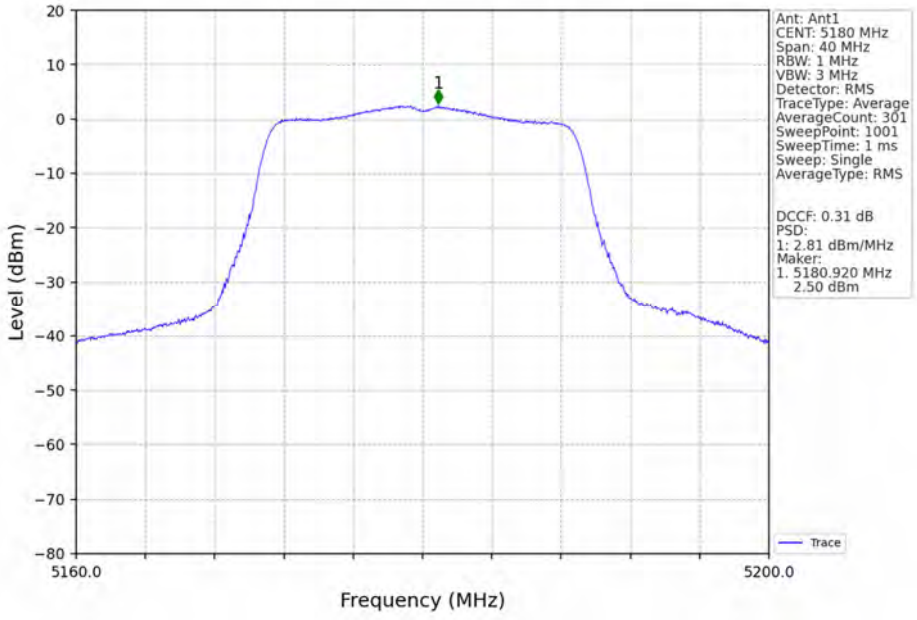
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



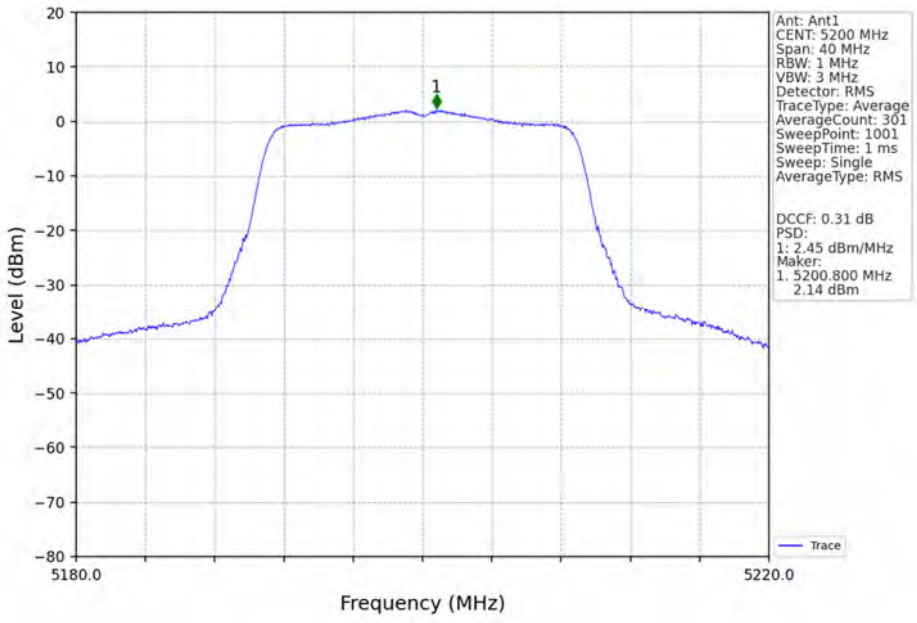
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



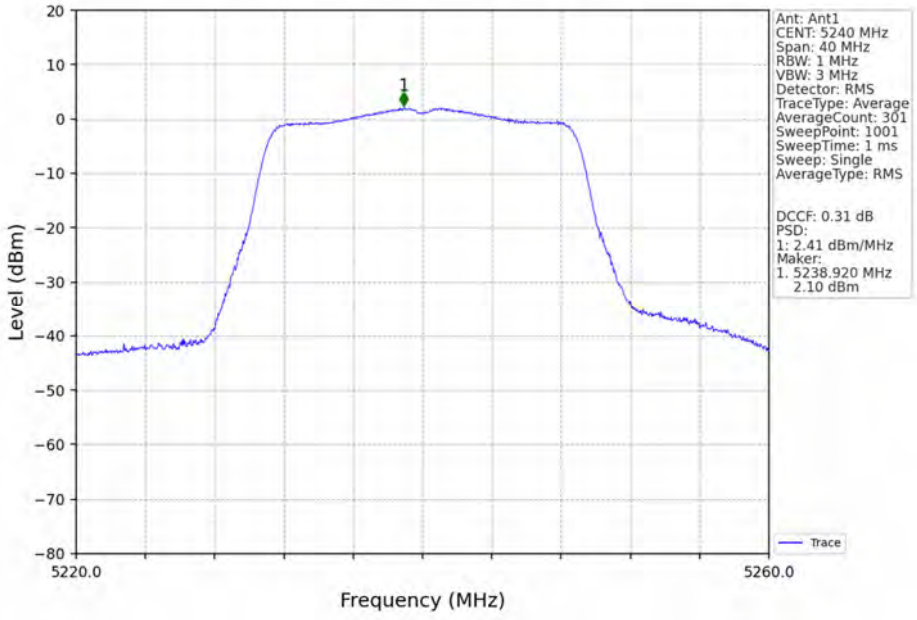
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



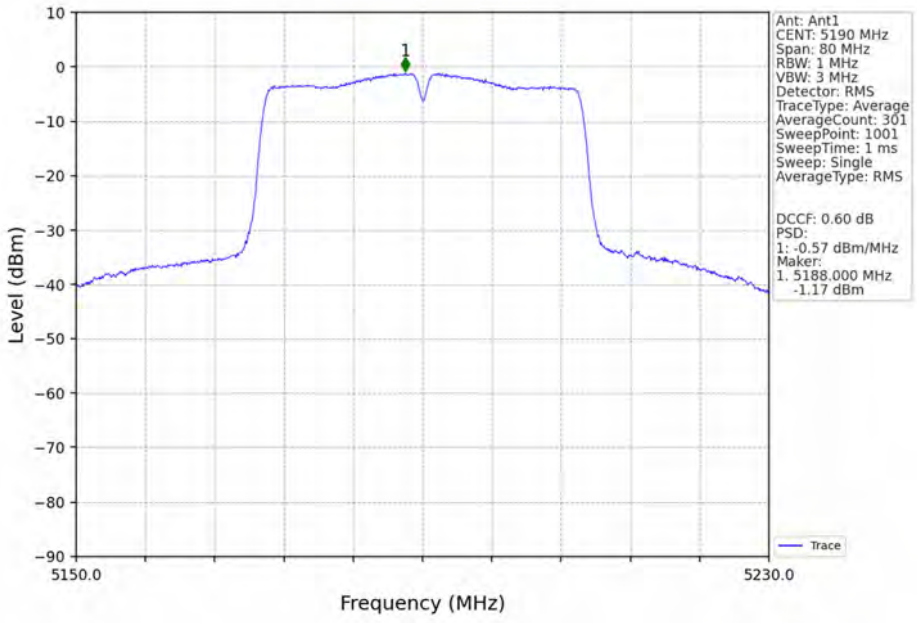
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



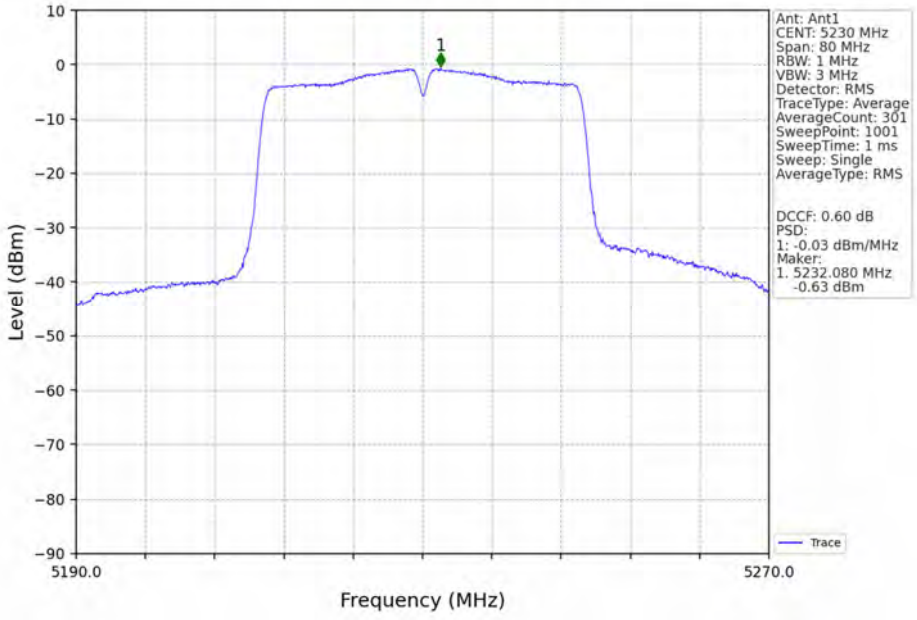
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



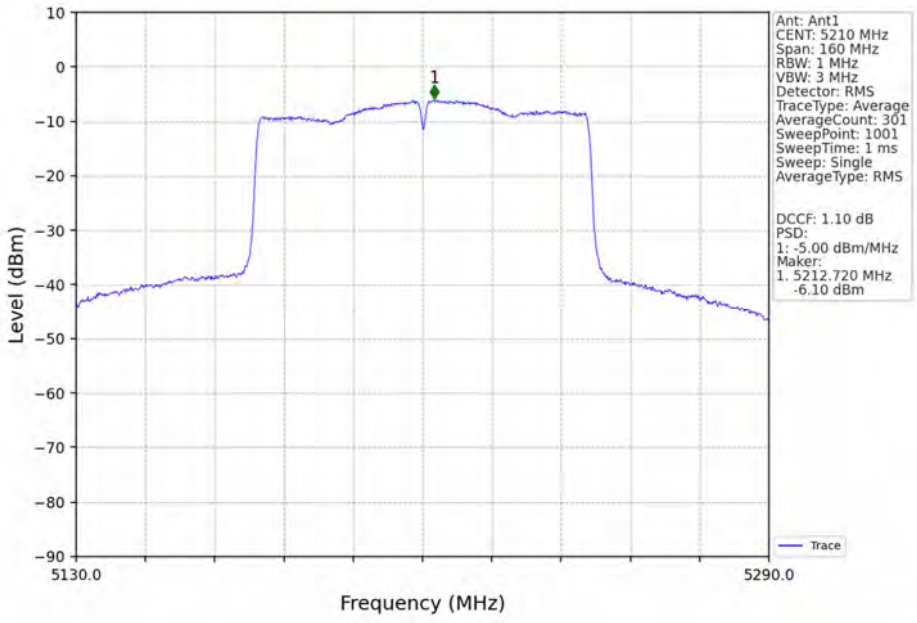
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

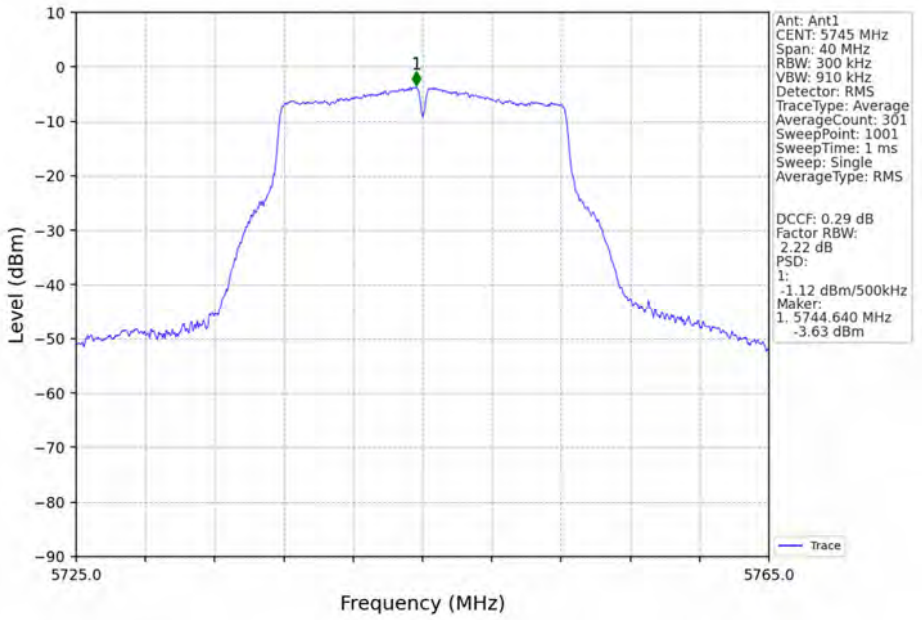


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

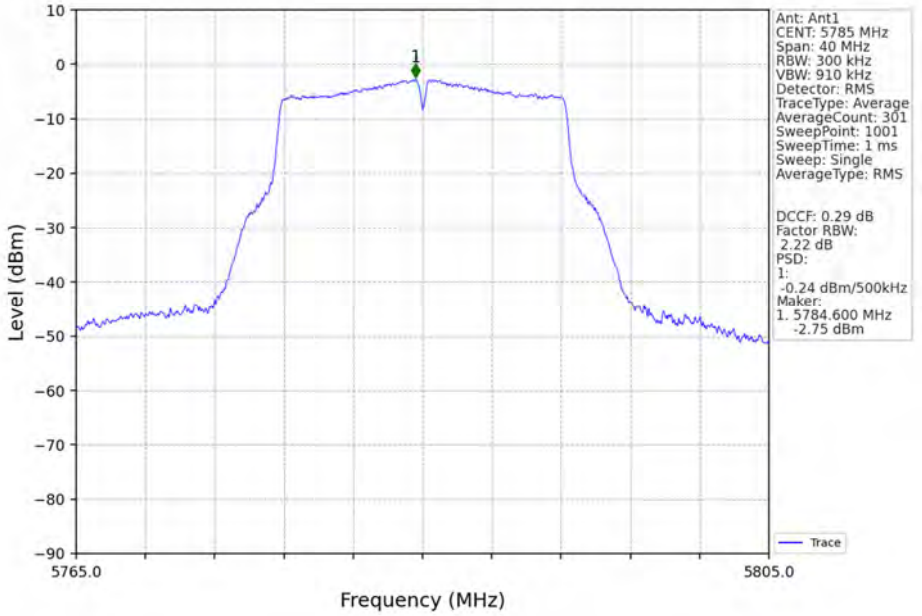


4.2.2 PSD-Band3

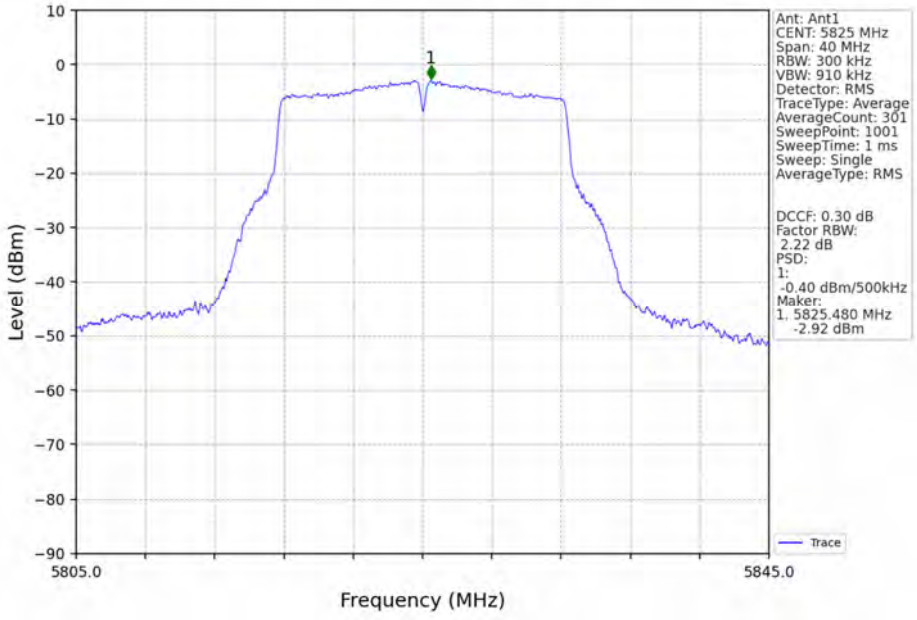
802.11a_LCH_5745MHz_Ant1_NTNV



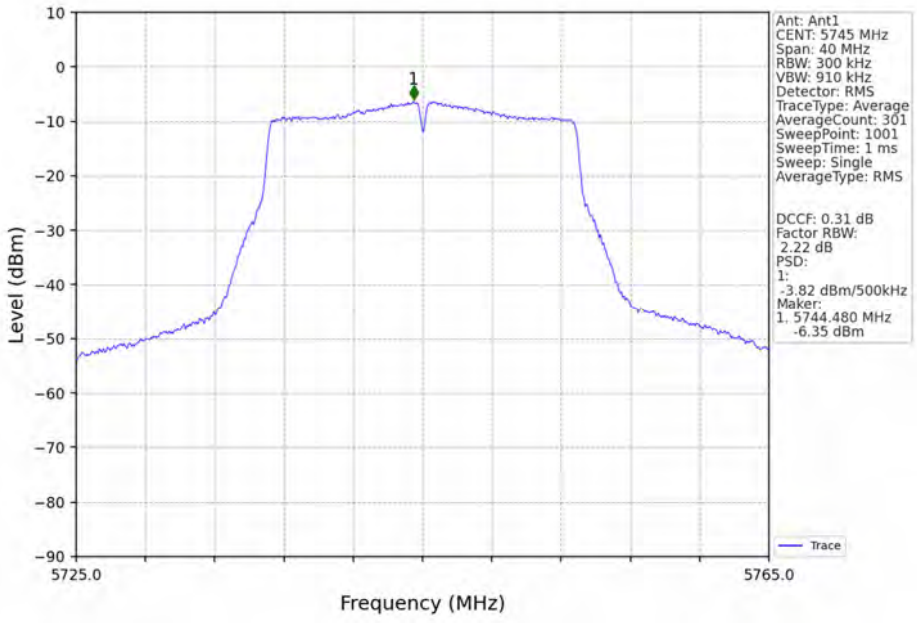
802.11a_MCH_5785MHz_Ant1_NTNV



802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



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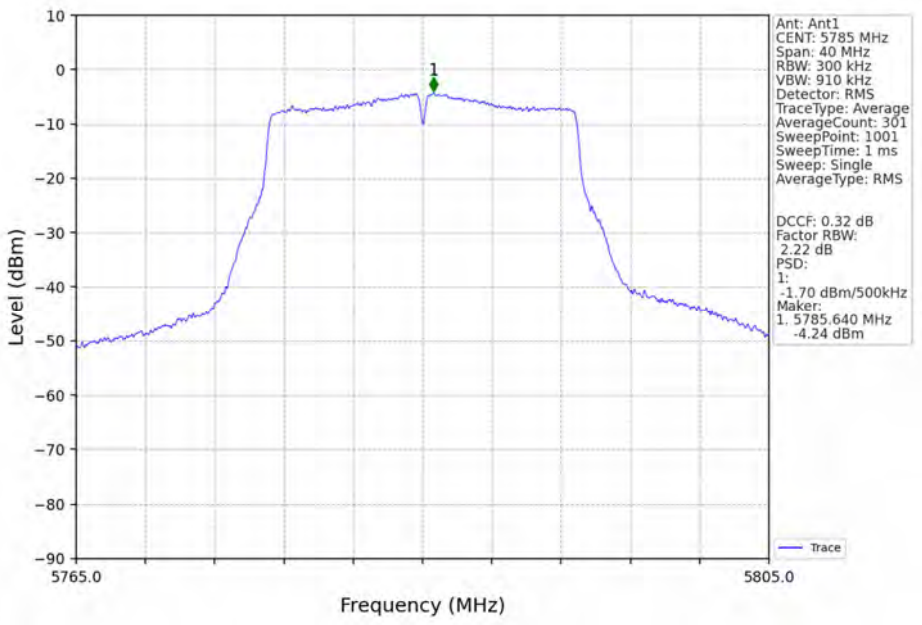

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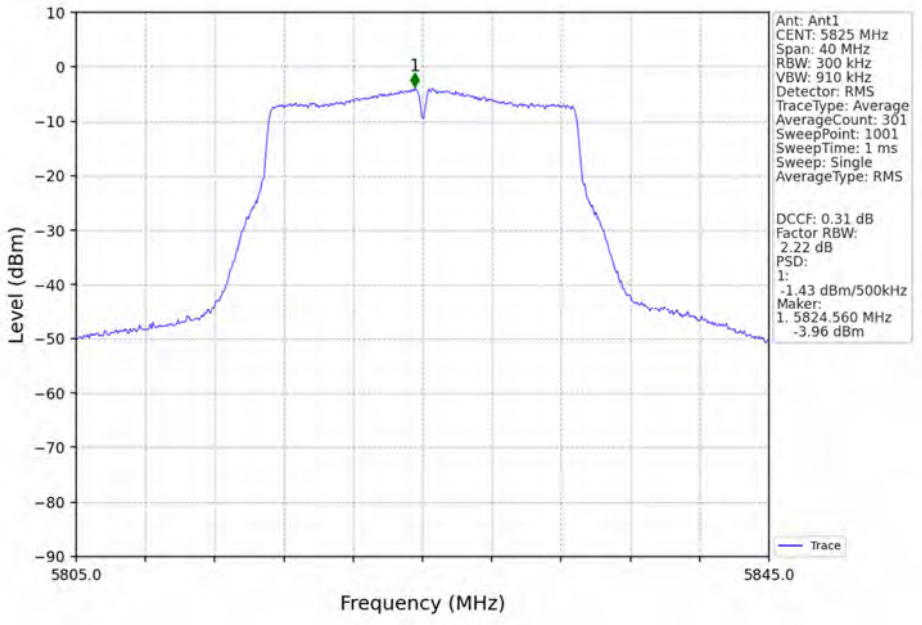
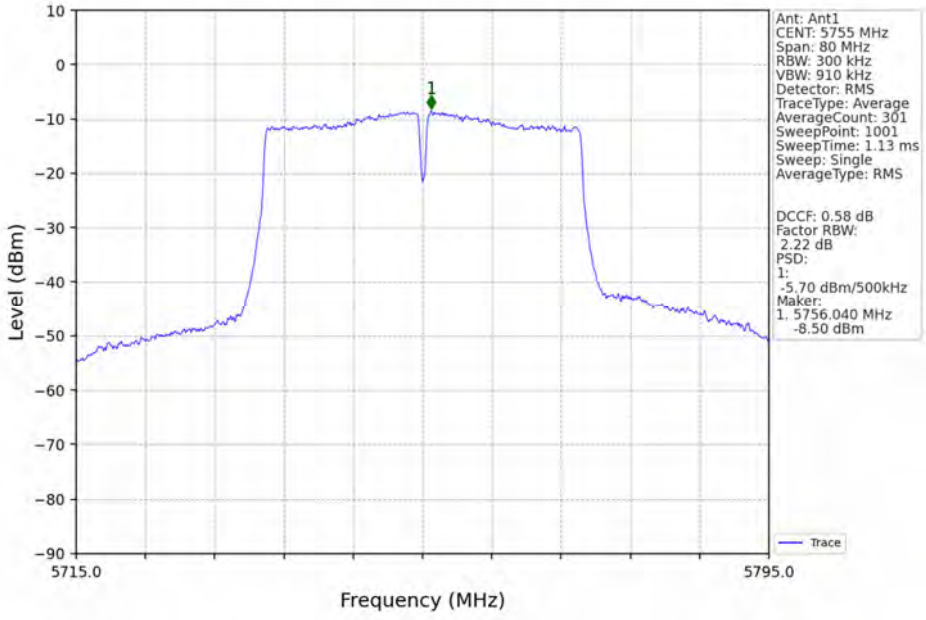


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



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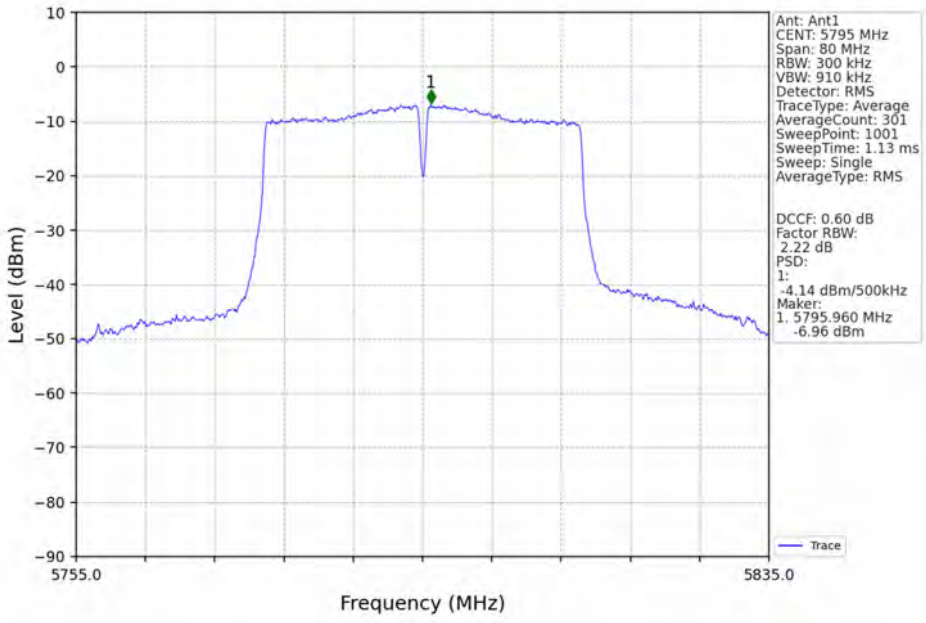
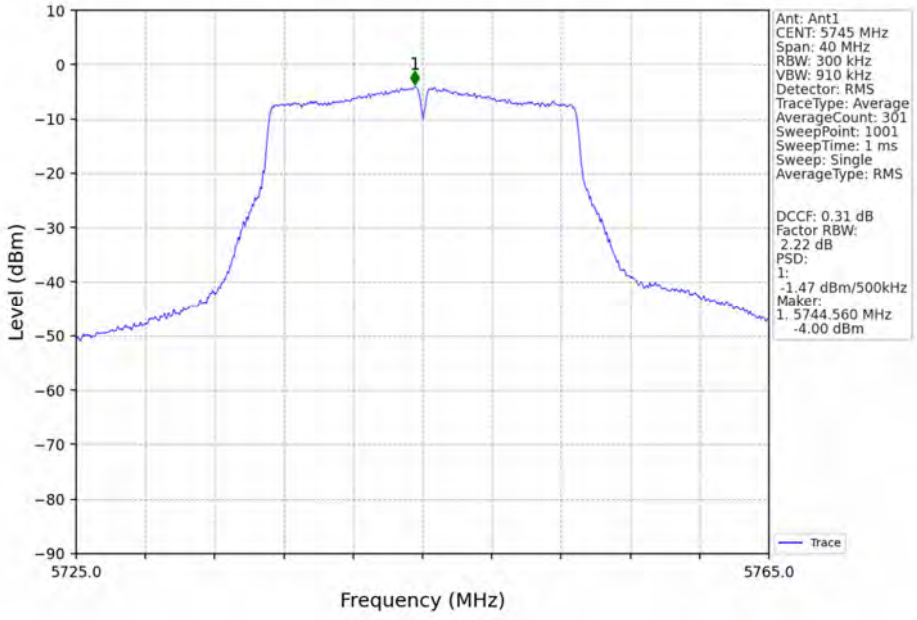
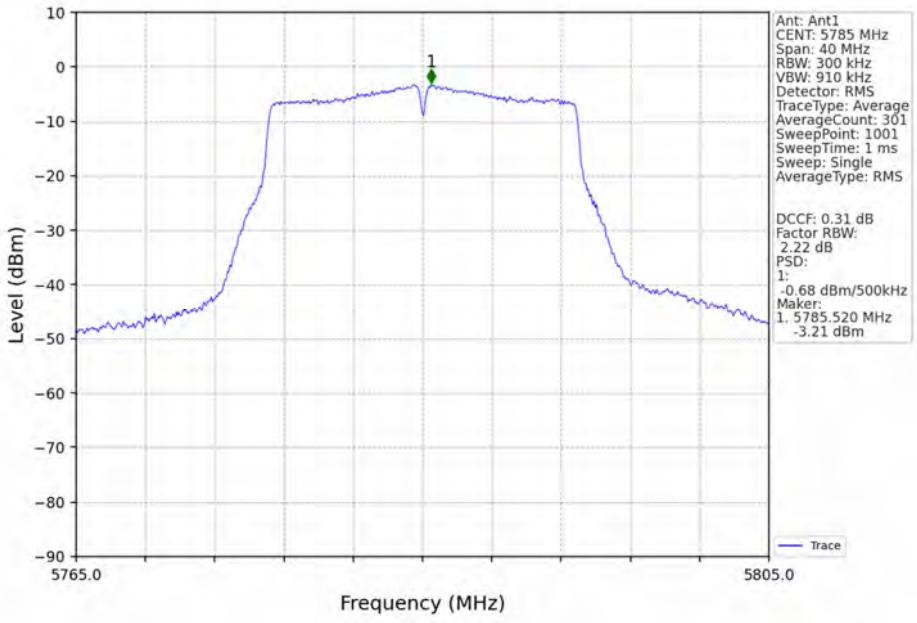


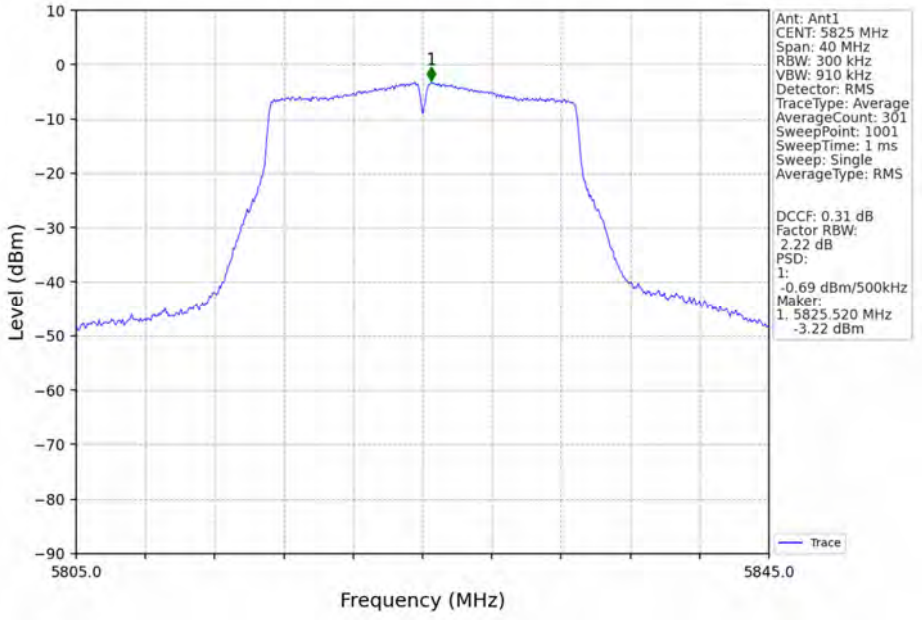
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



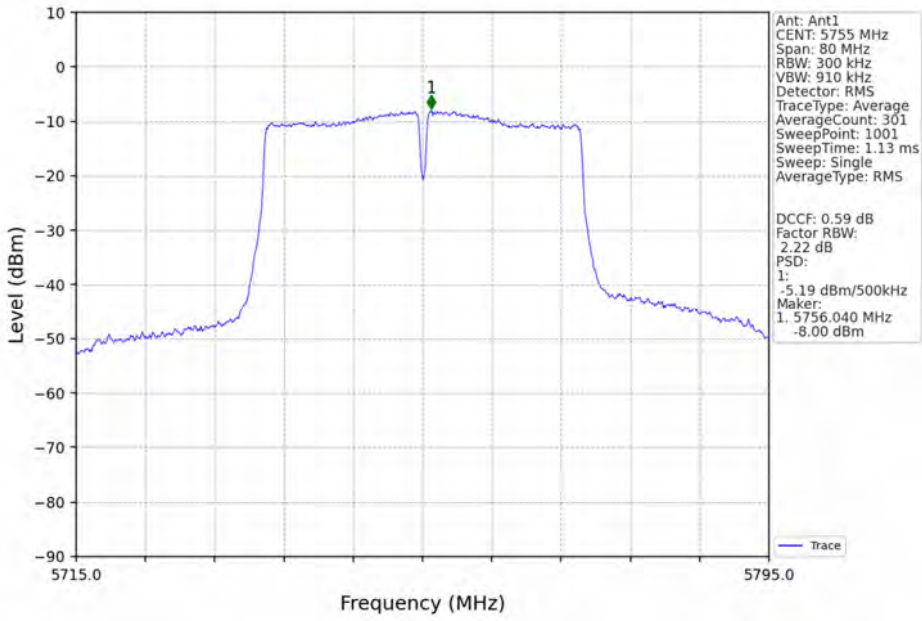
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



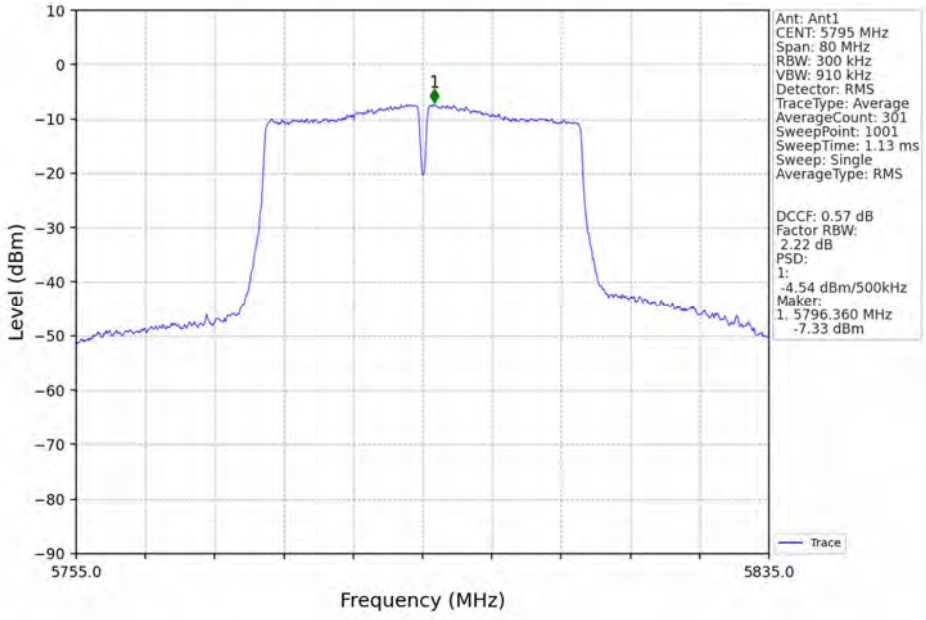
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



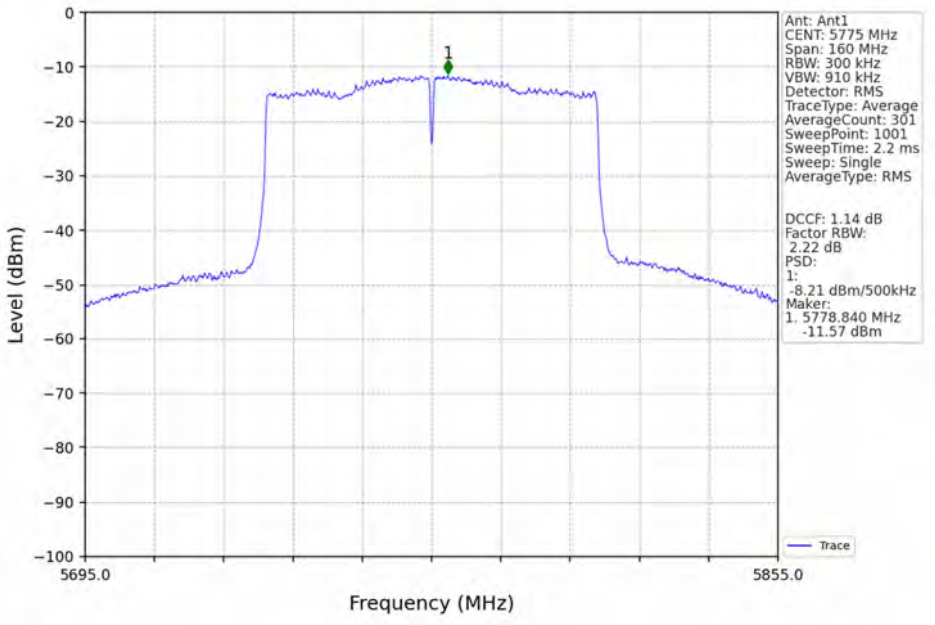
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



5. Unwanted Emissions In Restricted Frequency Bands

5.1 Test Result

5.1.1 CSE

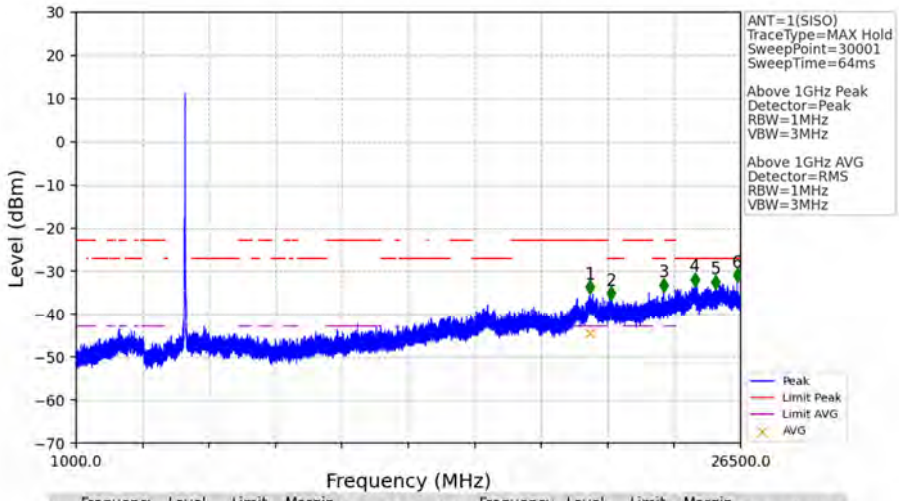
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	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
		5200	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5785	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

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: 1.60 dBi and U-NII-3: 5725 MHz to 5850 MHz: 2.10 dBi

5.2 Test Graph

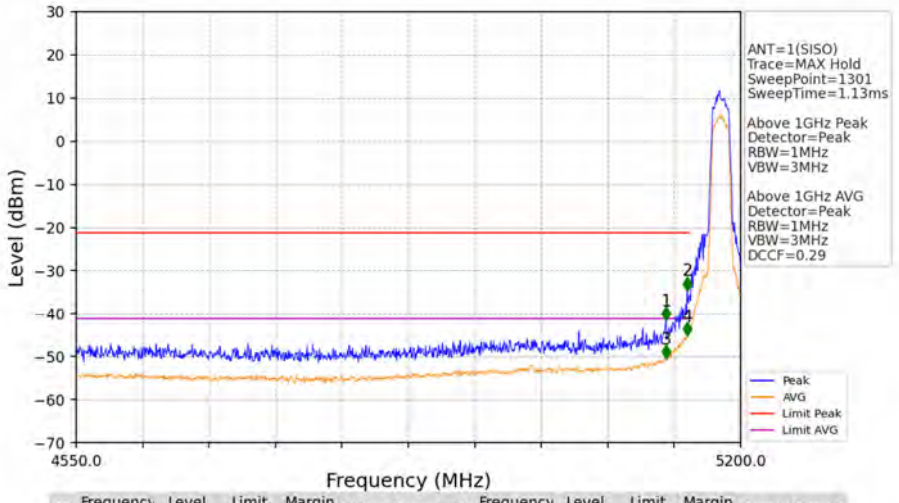
5.2.1 CSE

802.11a_LCH_5180MHz_Ant1_NTNV



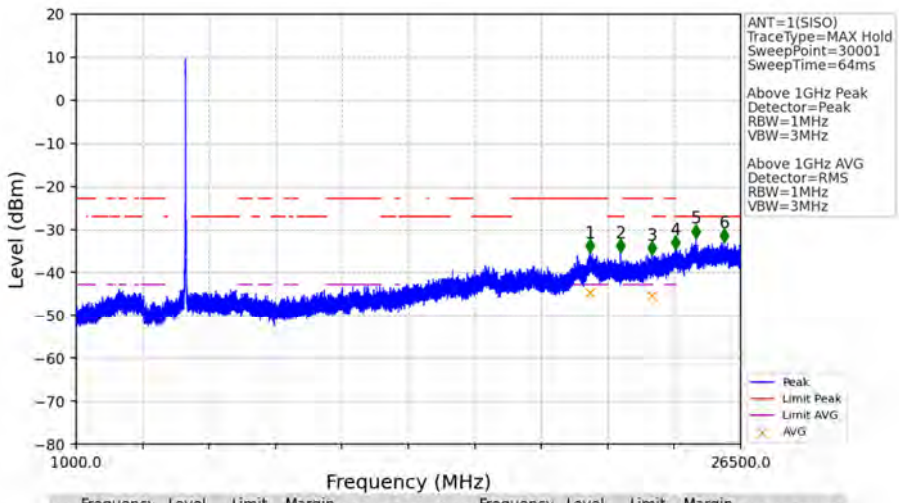
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20722.55	-33.52	-21.20	12.31	Pass	Peak	7	20722.55	-42.94	-41.20	1.74	Pass	AVG
2	21534.3	-35.05	-27.00	8.05	Pass	Peak	8	21534.3	/	-27.00	/	/	AVG
3	23548.8	-33.10	-27.00	6.10	Pass	Peak	9	23548.8	/	-27.00	/	/	AVG
4	24739.65	-31.83	-27.00	4.83	Pass	Peak	10	24739.65	/	-27.00	/	/	AVG
5	25533.55	-32.38	-27.00	5.38	Pass	Peak	11	25533.55	/	-27.00	/	/	AVG
6	26368.25	-30.77	-27.00	3.77	Pass	Peak	12	26368.25	/	-27.00	/	/	AVG

802.11a_LCH_5180MHz_Ant1_NTNV



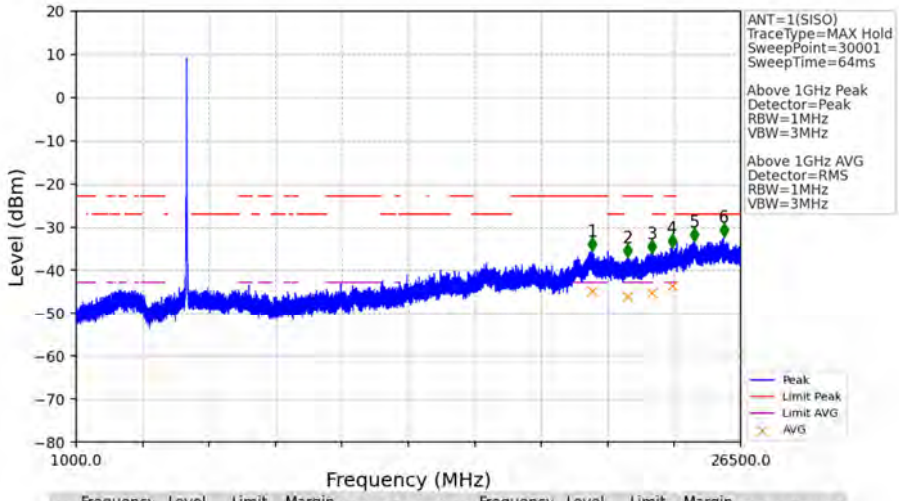
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5127.000	-39.98	-21.20	18.78	Pass	Peak	3	5127.000	-50.46	-41.20	7.66	Pass	AVG
2	5148.000	-32.92	-21.20	11.72	Pass	Peak	4	5148.000	-45.25	-41.20	2.45	Pass	AVG

802.11a_MCH_5200MHz_Ant1_NTNV



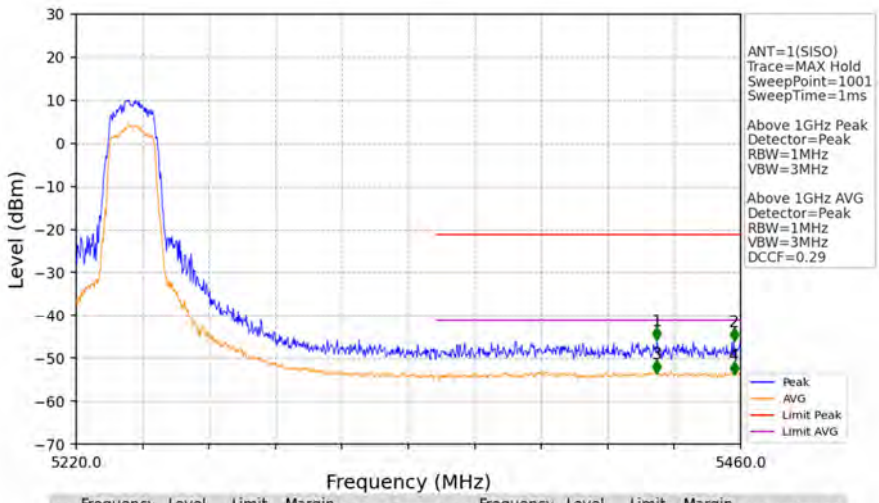
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20711.5	-33.65	-21.20	12.45	Pass	Peak	7	20711.5	-43.04	-41.20	1.84	Pass	AVG
2	21886.2	-33.73	-27.00	6.74	Pass	Peak	8	21886.2	/	-27.00	/	/	AVG
3	23085.55	-34.31	-21.20	13.11	Pass	Peak	9	23085.55	-43.70	-41.20	2.50	Pass	AVG
4	24009.5	-33.01	-27.00	6.01	Pass	Peak	10	24009.5	/	-27.00	/	/	AVG
5	24791.5	-30.35	-27.00	3.35	Pass	Peak	11	24791.5	/	-27.00	/	/	AVG
6	25878.65	-31.28	-27.00	4.28	Pass	Peak	12	25878.65	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV



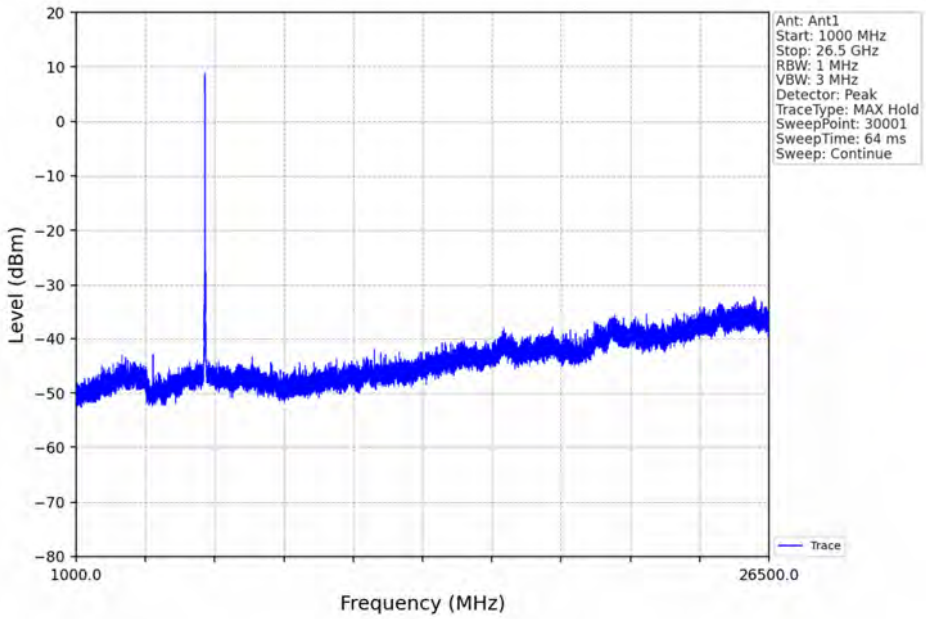
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20807.55	-33.93	-21.20	12.73	Pass	Peak	7	20807.55	-43.29	-41.20	2.09	Pass	AVG
2	22174.35	-35.32	-21.20	14.12	Pass	Peak	8	22174.35	-44.53	-41.20	3.33	Pass	AVG
3	23100.85	-34.40	-21.20	13.20	Pass	Peak	9	23100.85	-43.66	-41.20	2.46	Pass	AVG
4	23867.55	-33.21	-21.20	12.01	Pass	Peak	10	23867.55	-41.95	-41.20	0.75	Pass	AVG
5	24721.8	-31.63	-27.00	4.63	Pass	Peak	11	24721.8	/	-27.00	/	/	AVG
6	25853.15	-30.69	-27.00	3.69	Pass	Peak	12	25853.15	/	-27.00	/	/	AVG

802.11a_HCH_5240MHz_Ant1_NTNV

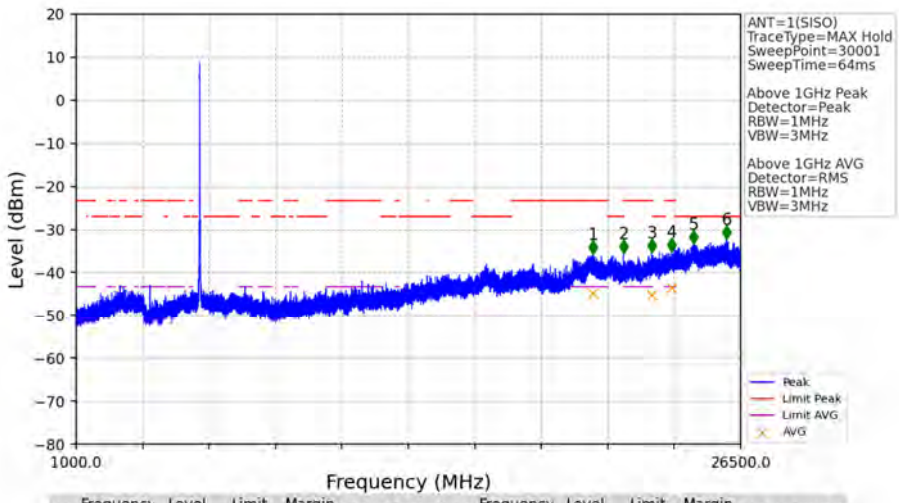


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5429.760	-44.32	-21.20	23.12	Pass	Peak	3	5429.760	-53.58	-41.20	10.78	Pass	AVG
2	5457.600	-44.42	-21.20	23.22	Pass	Peak	4	5457.600	-54.00	-41.20	11.20	Pass	AVG

802.11a_LCH_5745MHz_Ant1_NTNV

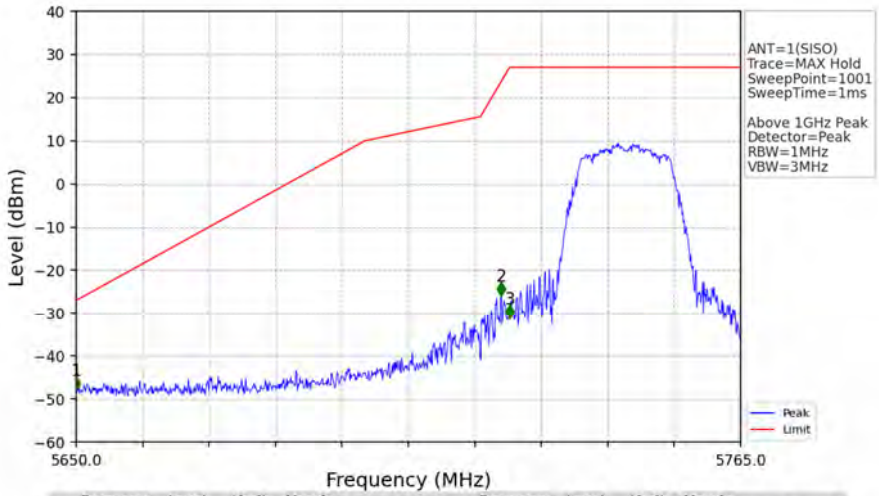


802.11a_LCH_5745MHz_Ant1_NTNV



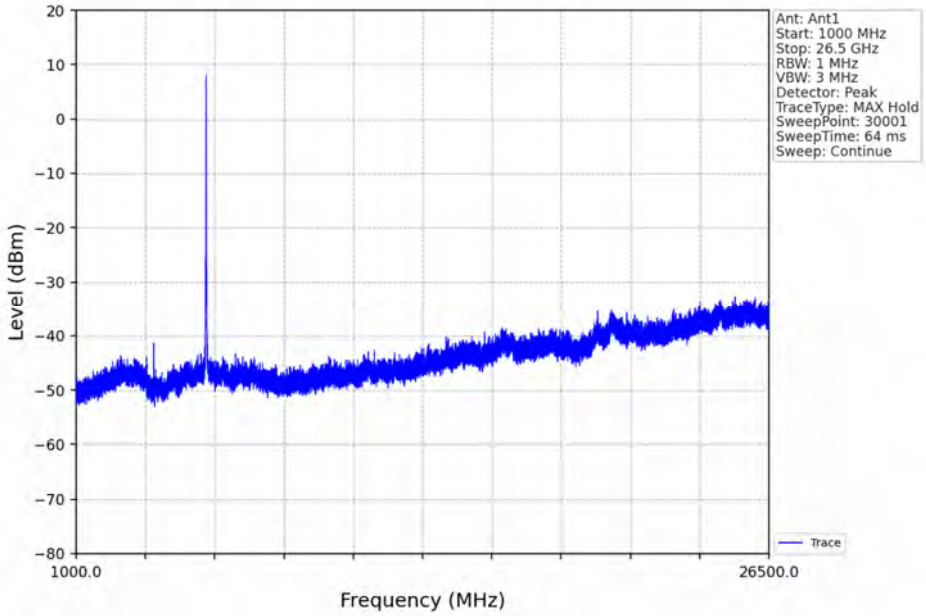
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20827.95	-33.55	-21.20	12.35	Pass	Peak	7	20827.95	-42.72	-41.20	1.52	Pass	AVG
2	21999.25	-33.42	-27.00	6.42	Pass	Peak	8	21999.25	/	-27.00	/	/	AVG
3	23080.45	-33.29	-21.20	12.09	Pass	Peak	9	23080.45	-43.09	-41.20	1.89	Pass	AVG
4	23854.8	-33.04	-21.20	11.84	Pass	Peak	10	23854.8	-41.51	-41.20	0.31	Pass	AVG
5	24679.3	-31.26	-27.00	4.26	Pass	Peak	11	24679.3	/	-27.00	/	/	AVG
6	25954.3	-30.14	-27.00	3.14	Pass	Peak	12	25954.3	/	-27.00	/	/	AVG

802.11a_LCH_5745MHz_Ant1_NTNV

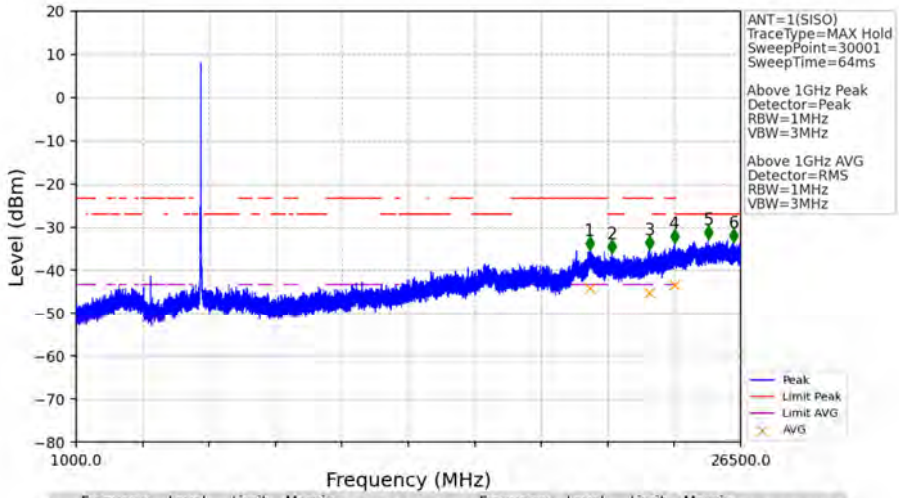


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-45.80	-27.00	18.80	Pass	Peak	3	5725.000	-29.13	27.00	56.13	Pass	Peak
2	5723.600	-23.77	23.81	47.58	Pass	Peak							

802.11a_MCH_5785MHz_Ant1_NTNV

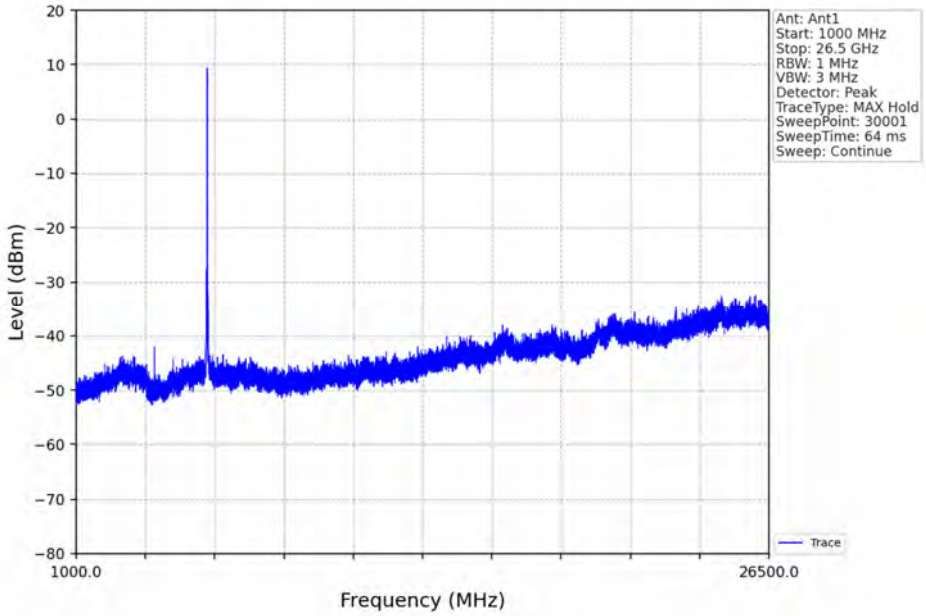


802.11a_MCH_5785MHz_Ant1_NTNV

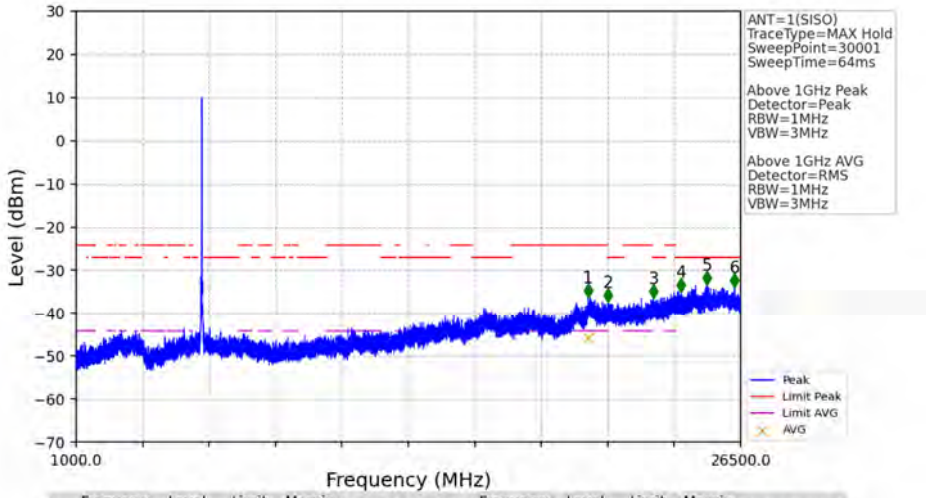


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20701.3	-33.16	-21.20	11.96	Pass	Peak	7	20701.3	-42.08	-41.20	0.88	Pass	AVG
2	21562.35	-33.99	-27.00	6.99	Pass	Peak	8	21562.35	/	-27.00	/	/	AVG
3	22996.3	-32.99	-21.20	11.79	Pass	Peak	9	22996.3	-43.15	-41.20	1.95	Pass	AVG
4	23968.7	-31.60	-21.20	10.40	Pass	Peak	10	23968.7	-41.35	-41.20	0.15	Pass	AVG
5	25253.05	-30.64	-27.00	3.64	Pass	Peak	11	25253.05	/	-27.00	/	/	AVG
6	26224.6	-31.44	-27.00	4.44	Pass	Peak	12	26224.6	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV

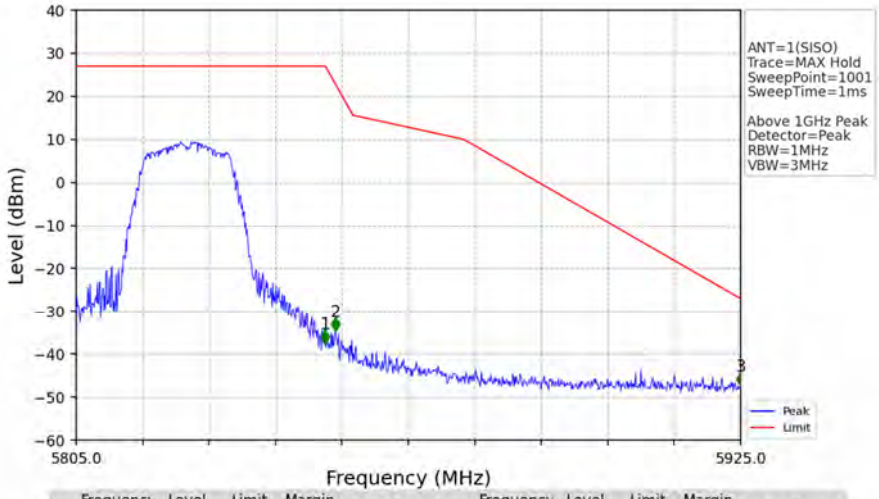


802.11a_HCH_5825MHz_Ant1_NTNV



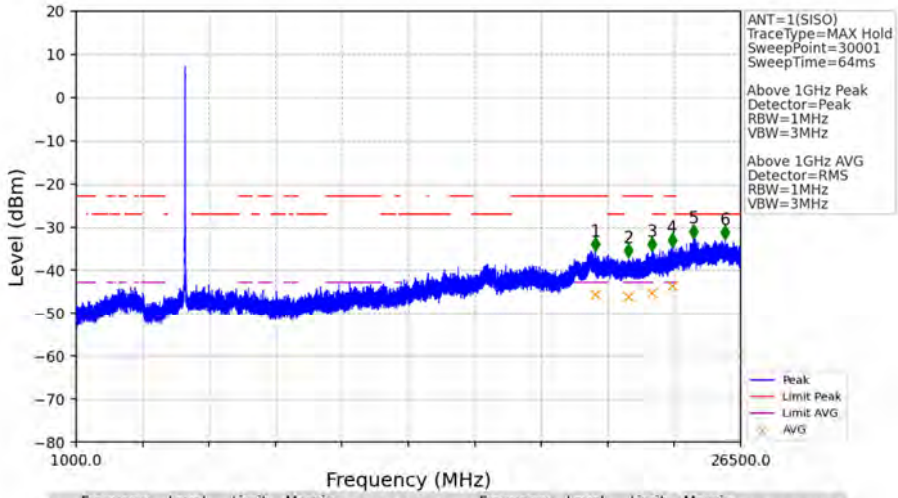
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20641.8	-36.23	-21.20	12.04	Pass	Peak	7	20641.8	-45.83	-41.20	1.64	Pass	AVG
2	21411.9	-37.37	-27.00	7.38	Pass	Peak	8	21411.9	/	-27.00	/	/	AVG
3	23154.4	-36.44	-27.00	6.45	Pass	Peak	9	23154.4	/	-27.00	/	/	AVG
4	24216.9	-34.94	-27.00	4.95	Pass	Peak	10	24216.9	/	-27.00	/	/	AVG
5	25205.45	-33.31	-27.00	3.32	Pass	Peak	11	25205.45	/	-27.00	/	/	AVG
6	26262.85	-33.82	-27.00	3.83	Pass	Peak	12	26262.85	/	-27.00	/	/	AVG

802.11a_HCH_5825MHz_Ant1_NTNV



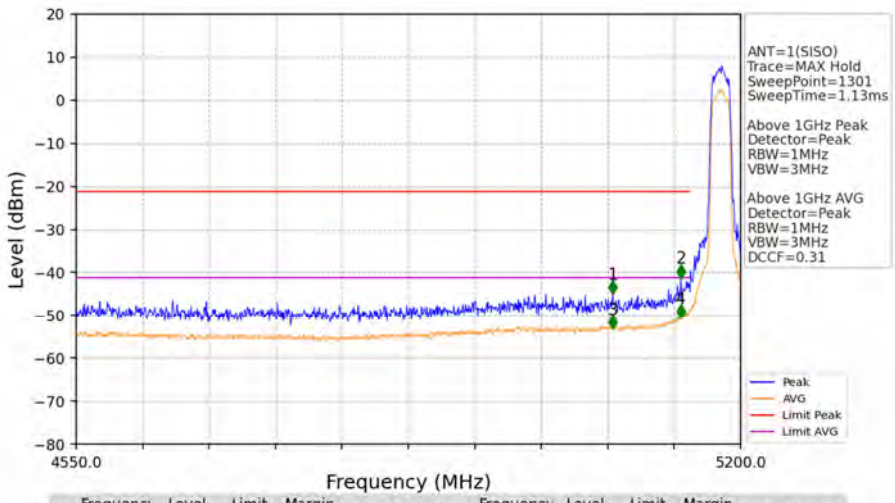
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-35.47	27.00	62.47	Pass	Peak	3	5925.000	-45.20	-27.00	18.20	Pass	Peak
2	5851.800	-32.46	22.90	55.35	Pass	Peak							

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



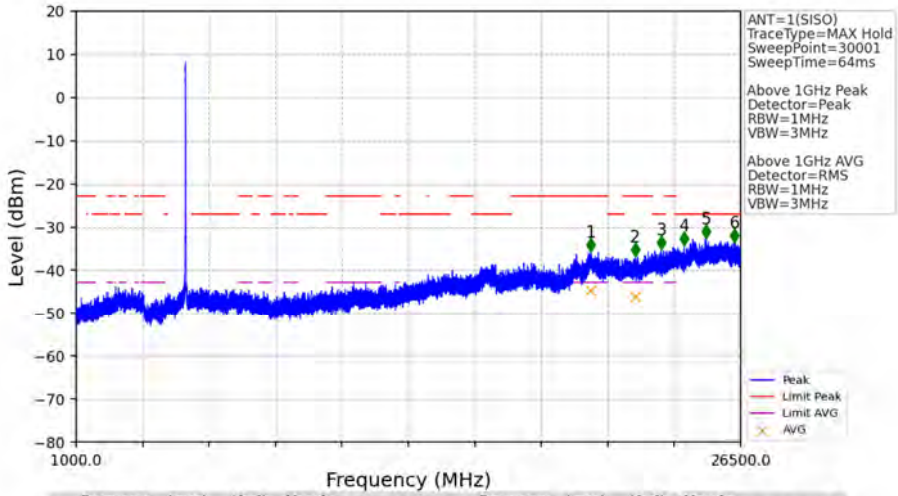
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20924.85	-33.92	-21.20	12.72	Pass	Peak	7	20924.85	-43.93	-41.20	2.73	Pass	AVG
2	22202.4	-35.40	-21.20	14.20	Pass	Peak	8	22202.4	-44.58	-41.20	3.38	Pass	AVG
3	23101.7	-33.90	-21.20	12.70	Pass	Peak	9	23101.7	-43.58	-41.20	2.38	Pass	AVG
4	23878.6	-32.91	-21.20	11.71	Pass	Peak	10	23878.6	-41.94	-41.20	0.74	Pass	AVG
5	24694.6	-30.90	-27.00	3.90	Pass	Peak	11	24694.6	/	-27.00	/	/	AVG
6	25910.95	-31.10	-27.00	4.10	Pass	Peak	12	25910.95	/	-27.00	/	/	AVG

802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



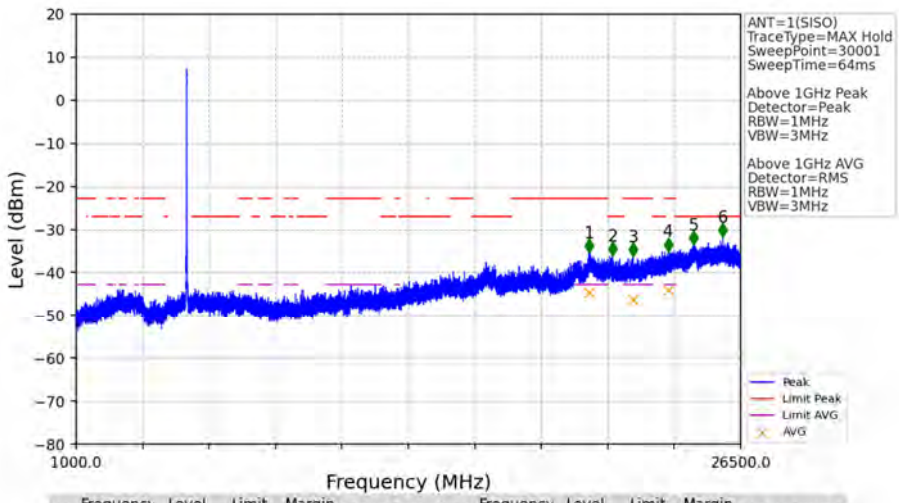
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5075.000	-43.35	-21.20	22.15	Pass	Peak	3	5075.000	-53.13	-41.20	10.33	Pass	AVG
2	5141.500	-39.64	-21.20	18.44	Pass	Peak	4	5141.500	-50.63	-41.20	7.83	Pass	AVG

802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



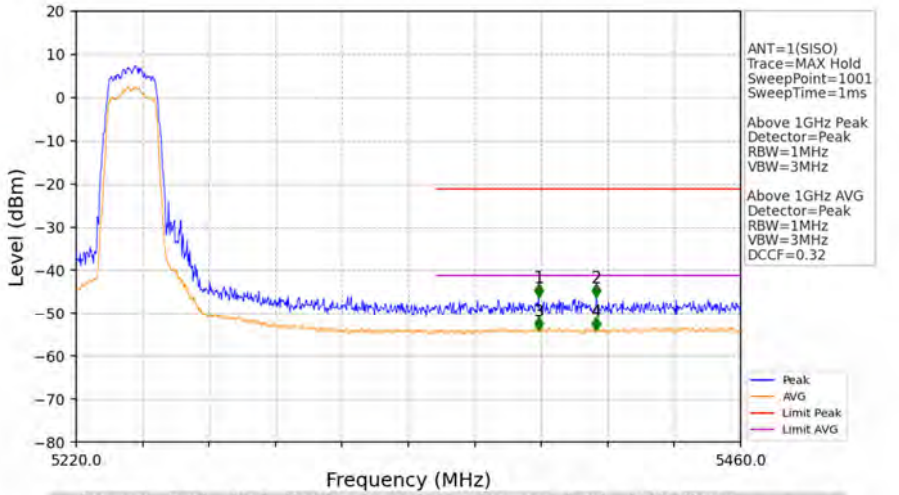
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20748.9	-34.16	-21.20	12.96	Pass	Peak	7	20748.9	-43.01	-41.20	1.80	Pass	AVG
2	22448.05	-35.13	-21.20	13.93	Pass	Peak	8	22448.05	-44.50	-41.20	3.30	Pass	AVG
3	23449.35	-33.49	-27.00	6.49	Pass	Peak	9	23449.35	/	-27.00	/	/	AVG
4	24338.45	-32.60	-27.00	5.60	Pass	Peak	10	24338.45	/	-27.00	/	/	AVG
5	25186.75	-30.92	-27.00	3.92	Pass	Peak	11	25186.75	/	-27.00	/	/	AVG
6	26265.4	-31.83	-27.00	4.83	Pass	Peak	12	26265.4	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



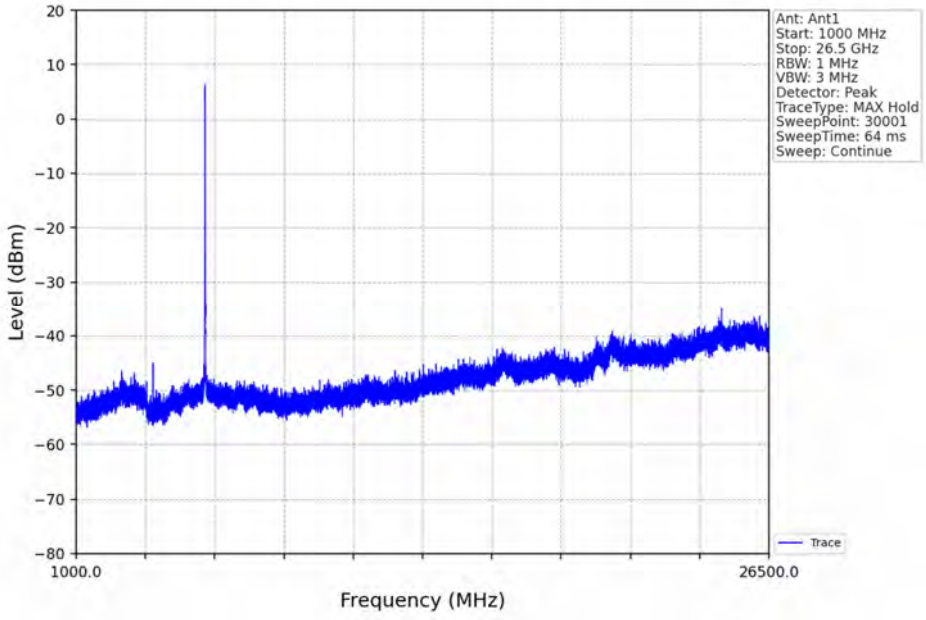
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20694.5	-33.73	-21.20	12.53	Pass	Peak	7	20694.5	-43.11	-41.20	1.91	Pass	AVG
2	21581.05	-34.49	-27.00	7.49	Pass	Peak	8	21581.05	/	-27.00	/	/	AVG
3	22372.4	-34.57	-21.20	13.37	Pass	Peak	9	22372.4	-44.62	-41.20	3.42	Pass	AVG
4	23715.4	-33.45	-21.20	12.25	Pass	Peak	10	23715.4	-42.49	-41.20	1.29	Pass	AVG
5	24681.85	-31.94	-27.00	4.94	Pass	Peak	11	24681.85	/	-27.00	/	/	AVG
6	25819.15	-30.12	-27.00	3.12	Pass	Peak	12	25819.15	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

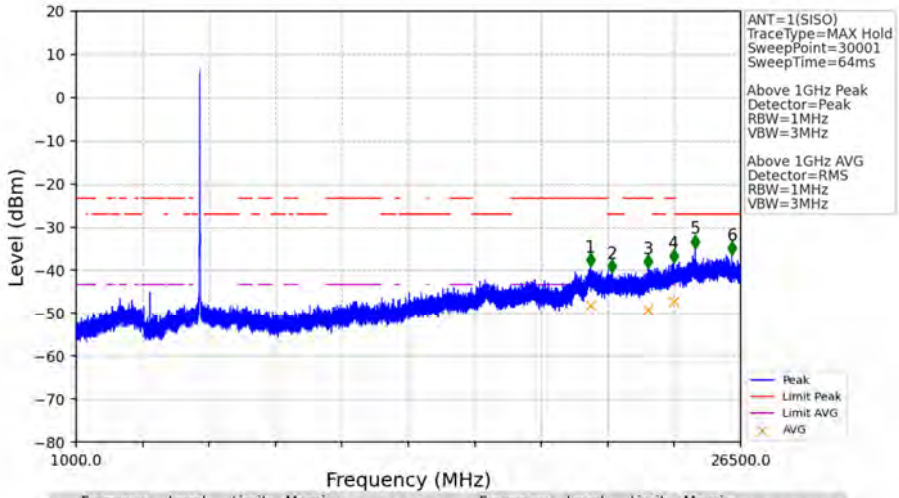


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5387.040	-44.65	-21.20	23.45	Pass	Peak	3	5387.040	-54.15	-41.20	11.35	Pass	AVG
2	5407.920	-44.65	-21.20	23.45	Pass	Peak	4	5407.920	-54.13	-41.20	11.33	Pass	AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

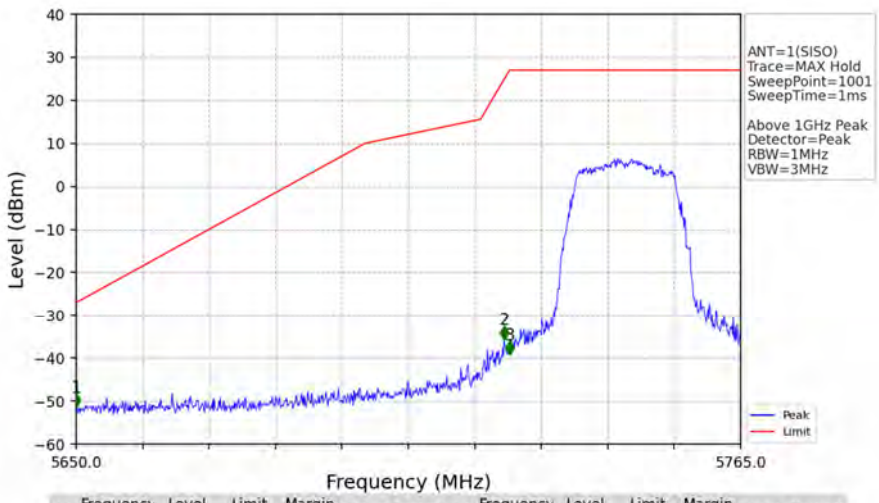


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



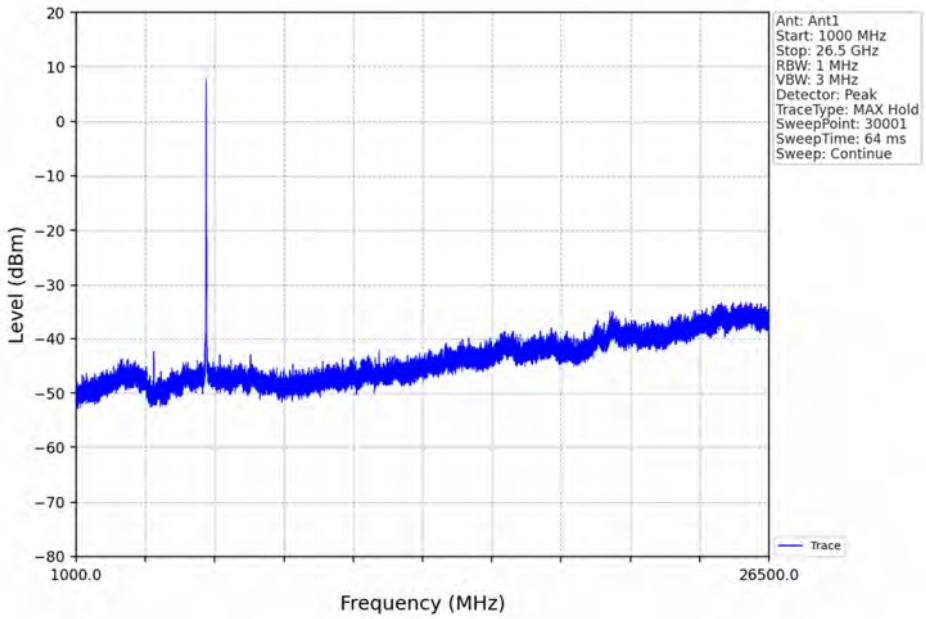
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20737	-36.97	-21.20	15.77	Pass	Peak	7	20737	-46.10	-41.20	4.90	Pass	AVG
2	21554.7	-38.53	-27.00	11.53	Pass	Peak	8	21554.7	/	-27.00	/	/	AVG
3	22947	-37.48	-21.20	16.28	Pass	Peak	9	22947	-47.10	-41.20	5.90	Pass	AVG
4	23936.4	-36.22	-21.20	15.02	Pass	Peak	10	23936.4	-45.20	-41.20	4.00	Pass	AVG
5	24756.65	-32.76	-27.00	5.76	Pass	Peak	11	24756.65	/	-27.00	/	/	AVG
6	26160	-34.30	-27.00	7.30	Pass	Peak	12	26160	/	-27.00	/	/	AVG

802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

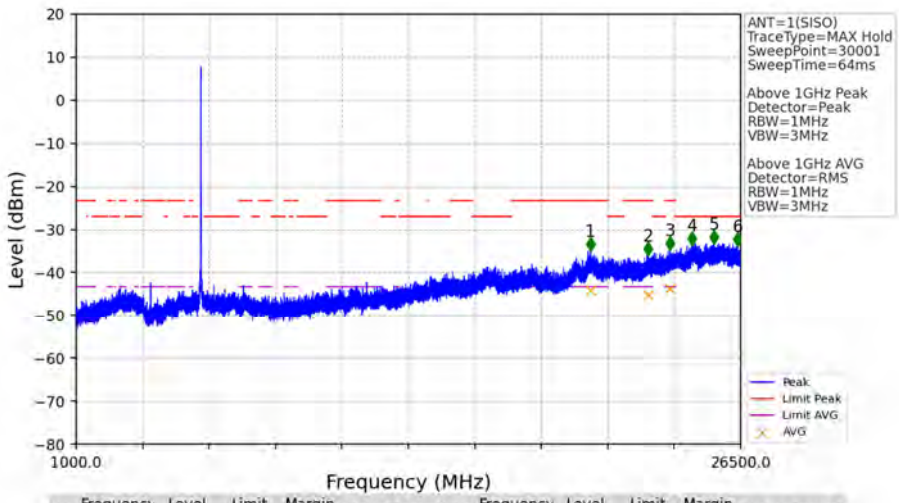


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-49.28	-27.00	22.28	Pass	Peak	3	5725.000	-37.01	27.00	64.01	Pass	Peak
2	5724.060	-33.53	24.86	58.39	Pass	Peak							

802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

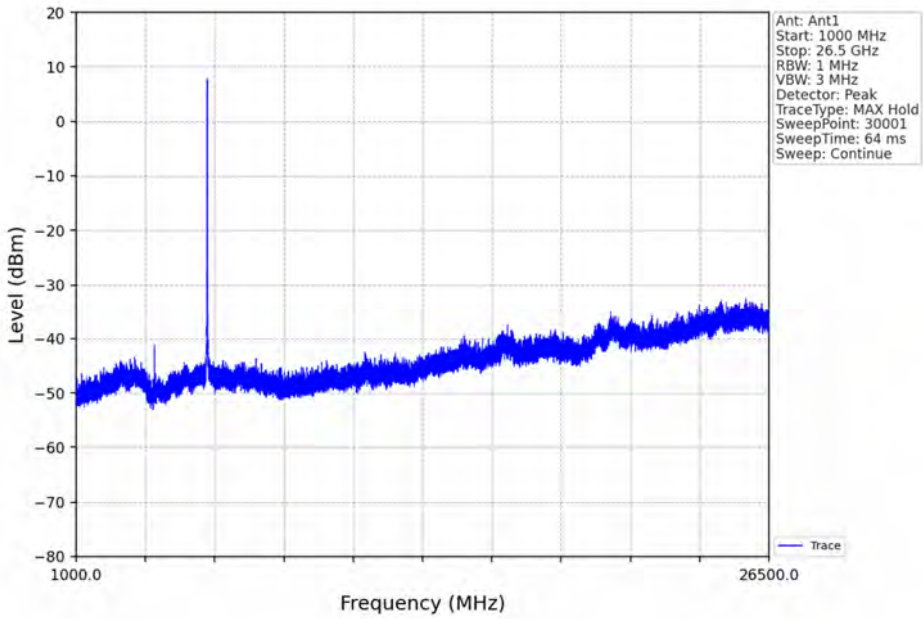


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

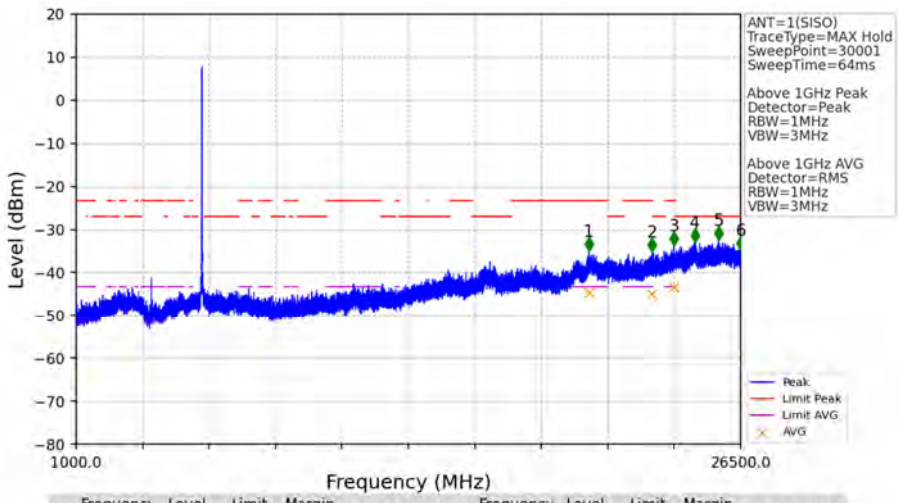


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20733.6	-32.89	-21.20	11.69	Pass	Peak	7	20733.6	-42.05	-41.20	0.85	Pass	AVG
2	22947	-33.91	-21.20	12.71	Pass	Peak	8	22947	-43.15	-41.20	1.95	Pass	AVG
3	23775.75	-32.73	-21.20	11.53	Pass	Peak	9	23775.75	-41.66	-41.20	0.46	Pass	AVG
4	24646.15	-31.50	-27.00	4.50	Pass	Peak	10	24646.15	/	-27.00	/	/	AVG
5	25470.65	-31.13	-27.00	4.13	Pass	Peak	11	25470.65	/	-27.00	/	/	AVG
6	26375.9	-31.84	-27.00	4.84	Pass	Peak	12	26375.9	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

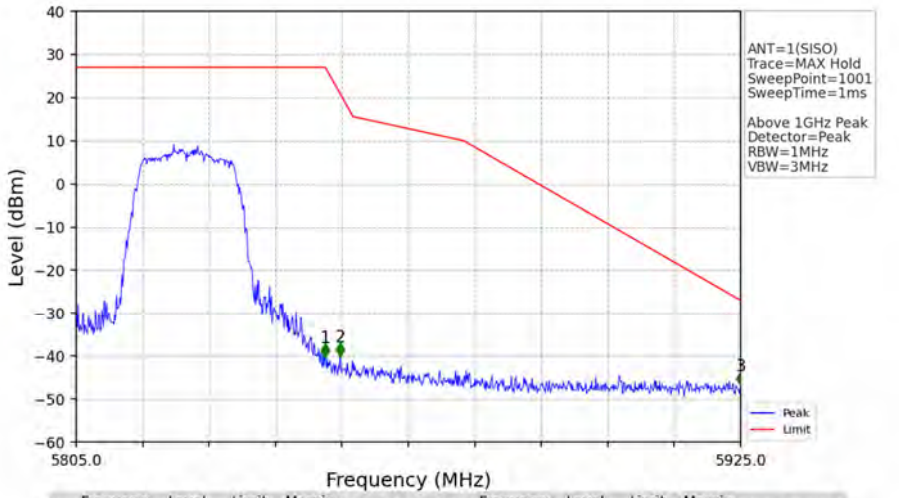


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



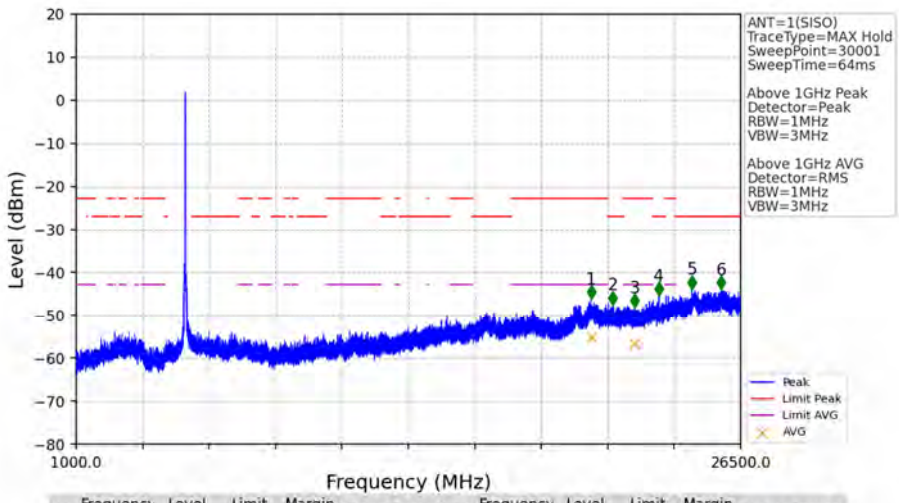
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20675.8	-32.92	-21.20	11.72	Pass	Peak	7	20675.8	-42.54	-41.20	1.34	Pass	AVG
2	23105.1	-33.06	-21.20	11.86	Pass	Peak	8	23105.1	-43.02	-41.20	1.82	Pass	AVG
3	23936.4	-31.66	-21.20	10.46	Pass	Peak	9	23936.4	-41.22	-41.20	0.02	Pass	AVG
4	24750.7	-30.80	-27.00	3.80	Pass	Peak	10	24750.7	/	-27.00	/	/	AVG
5	25651.7	-30.39	-27.00	3.39	Pass	Peak	11	25651.7	/	-27.00	/	/	AVG
6	26495.75	-32.65	-27.00	5.65	Pass	Peak	12	26495.75	/	-27.00	/	/	AVG

802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



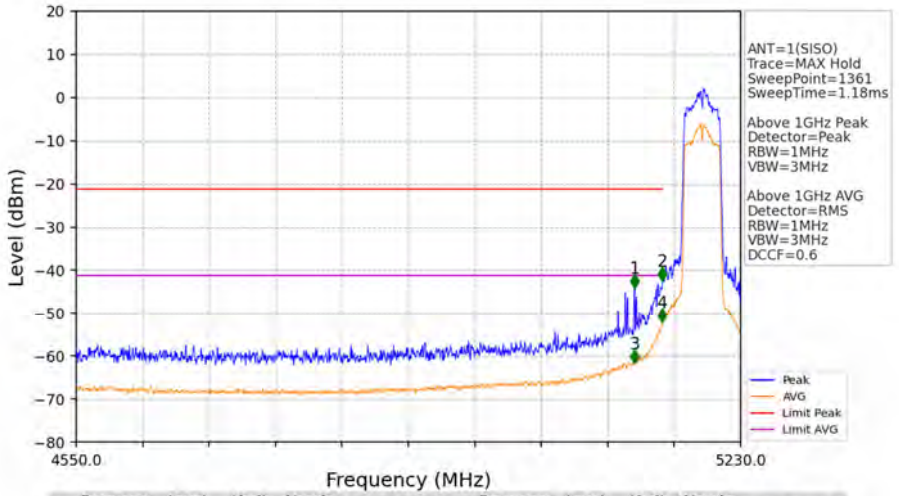
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-38.24	27.00	65.24	Pass	Peak	3	5925.000	-44.80	-27.00	17.80	Pass	Peak
2	5852.640	-38.06	20.98	59.04	Pass	Peak							

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



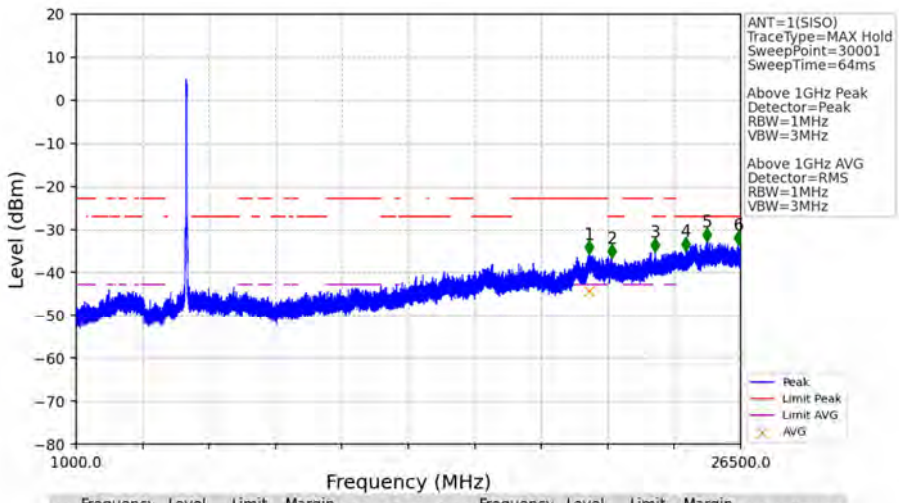
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20759.1	-44.50	-21.20	23.30	Pass	Peak	7	20759.1	-53.60	-41.20	12.40	Pass	AVG
2	21599.75	-45.83	-27.00	18.83	Pass	Peak	8	21599.75	/	-27.00	/	/	AVG
3	22437	-46.45	-21.20	25.25	Pass	Peak	9	22437	-55.15	-41.20	13.95	Pass	AVG
4	23364.35	-43.76	-27.00	16.76	Pass	Peak	10	23364.35	/	-27.00	/	/	AVG
5	24624.9	-42.19	-27.00	15.19	Pass	Peak	11	24624.9	/	-27.00	/	/	AVG
6	25756.25	-42.32	-27.00	15.32	Pass	Peak	12	25756.25	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



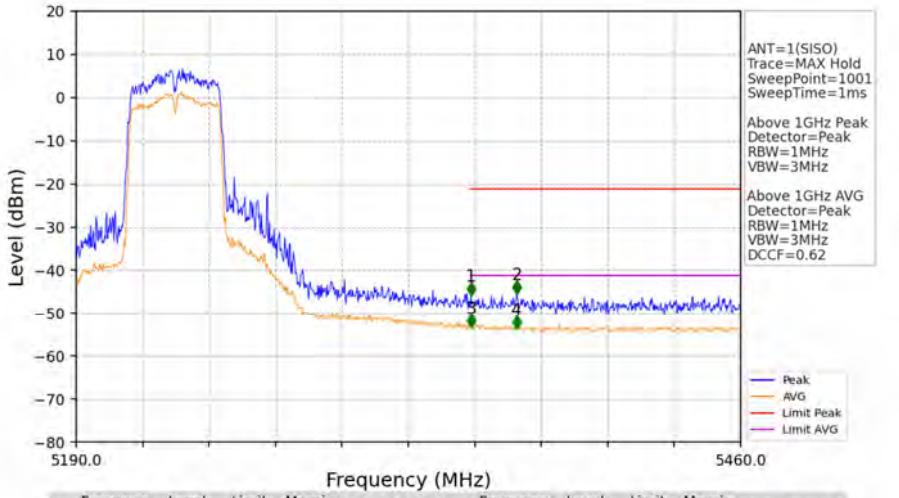
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5121.500	-42.49	-21.20	21.29	Pass	Peak	3	5121.500	-61.69	-41.20	18.89	Pass	AVG
2	5150.000	-40.78	-21.20	19.59	Pass	Peak	4	5150.000	-52.15	-41.20	9.35	Pass	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



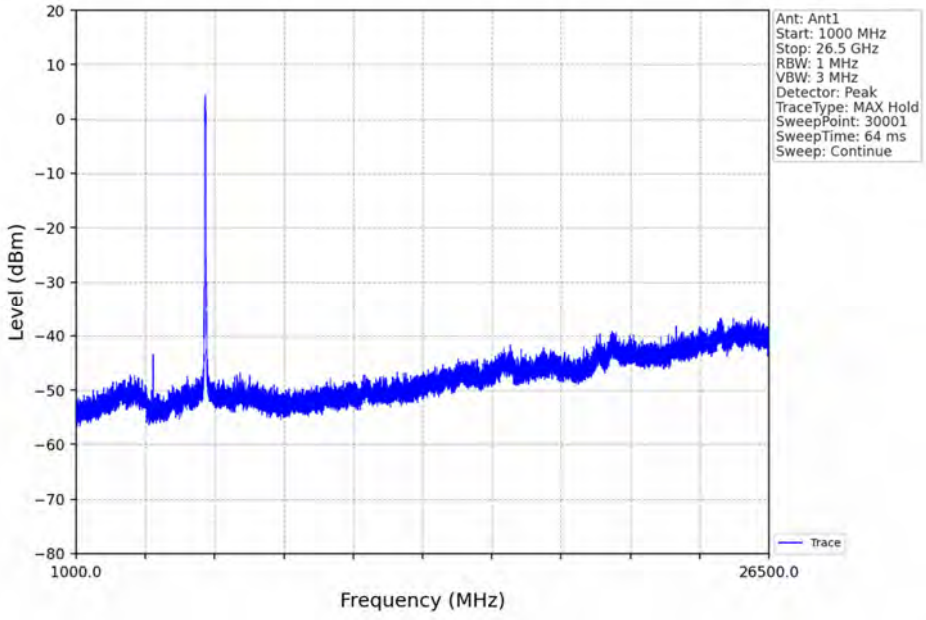
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20697.05	-34.05	-21.20	12.85	Pass	Peak	7	20697.05	-42.67	-41.20	1.47	Pass	AVG
2	21564.9	-35.08	-27.00	8.08	Pass	Peak	8	21564.9	/	-27.00	/	/	AVG
3	23223.25	-33.60	-27.00	6.61	Pass	Peak	9	23223.25	/	-27.00	/	/	AVG
4	24398.8	-33.31	-27.00	6.31	Pass	Peak	10	24398.8	/	-27.00	/	/	AVG
5	25210.55	-31.23	-27.00	4.23	Pass	Peak	11	25210.55	/	-27.00	/	/	AVG
6	26407.35	-31.90	-27.00	4.90	Pass	Peak	12	26407.35	/	-27.00	/	/	AVG

802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

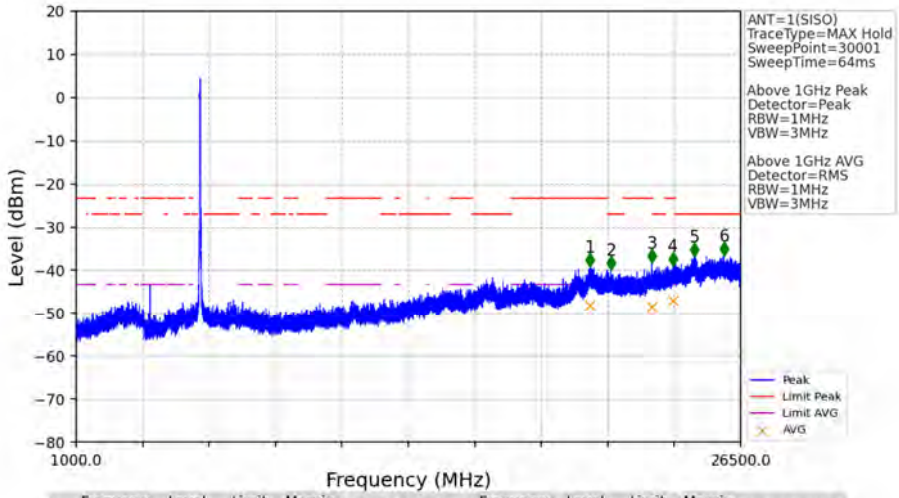


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5350.380	-44.34	-21.20	23.14	Pass	Peak	3	5350.380	-53.35	-41.20	10.55	Pass	AVG
2	5369.010	-43.87	-21.20	22.67	Pass	Peak	4	5369.010	-53.64	-41.20	10.84	Pass	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

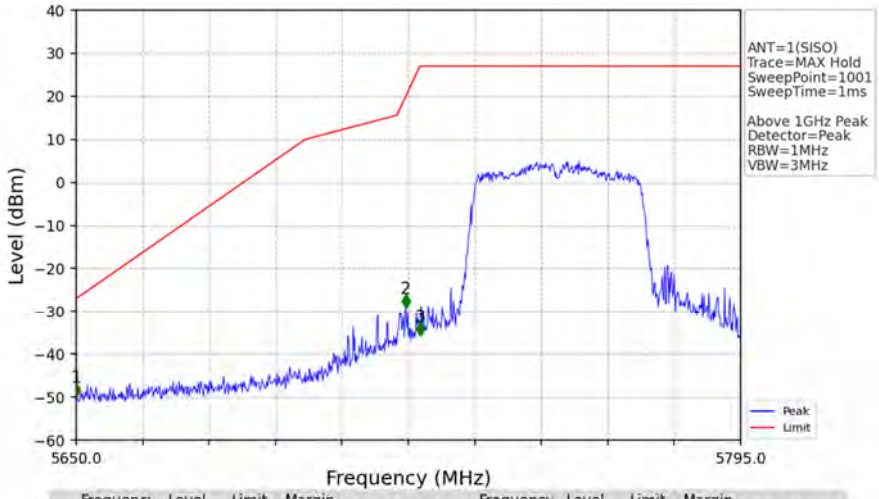


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



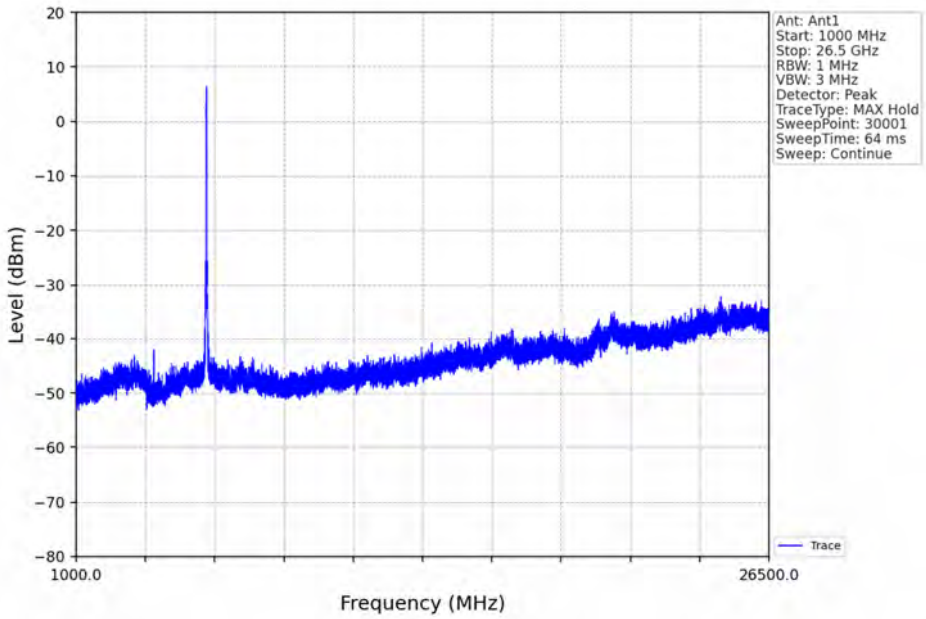
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20725.1	-37.12	-21.20	15.92	Pass	Peak	7	20725.1	-46.02	-41.20	4.82	Pass	AVG
2	21516.45	-37.73	-27.00	10.73	Pass	Peak	8	21516.45	/	-27.00	/	/	AVG
3	23088.1	-36.11	-21.20	14.91	Pass	Peak	9	23088.1	-46.47	-41.20	5.27	Pass	AVG
4	23910.05	-36.84	-21.20	15.64	Pass	Peak	10	23910.05	-44.94	-41.20	3.74	Pass	AVG
5	24710.75	-34.66	-27.00	7.67	Pass	Peak	11	24710.75	/	-27.00	/	/	AVG
6	25859.1	-34.48	-27.00	7.48	Pass	Peak	12	25859.1	/	-27.00	/	/	AVG

802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

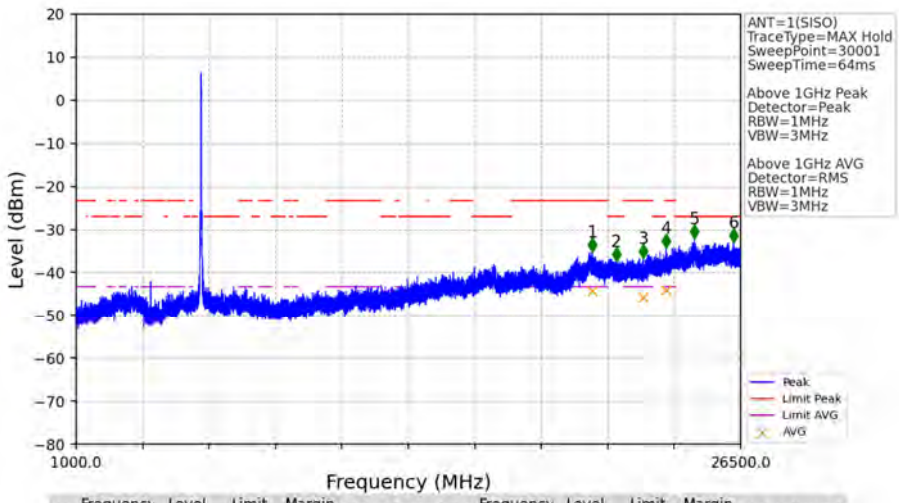


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-47.75	-27.00	20.75	Pass	Peak	3	5725.000	-33.57	27.00	60.57	Pass	Peak
2	5721.920	-27.06	19.98	47.04	Pass	Peak							

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

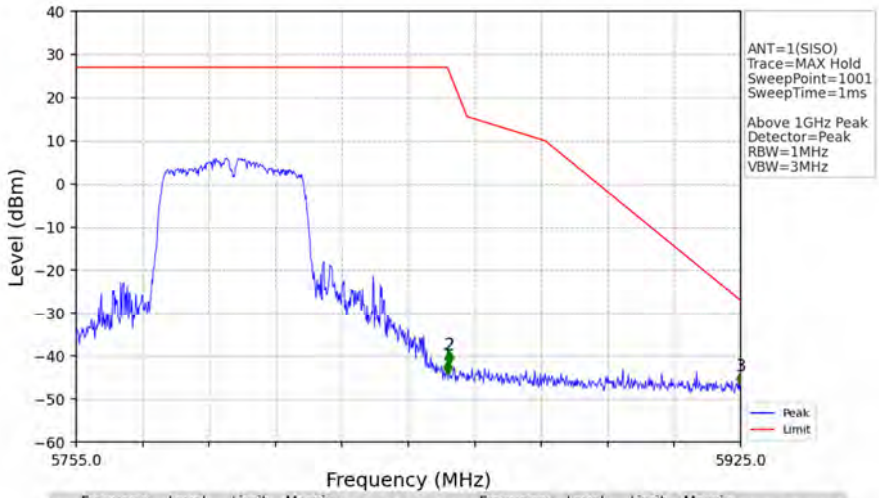


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



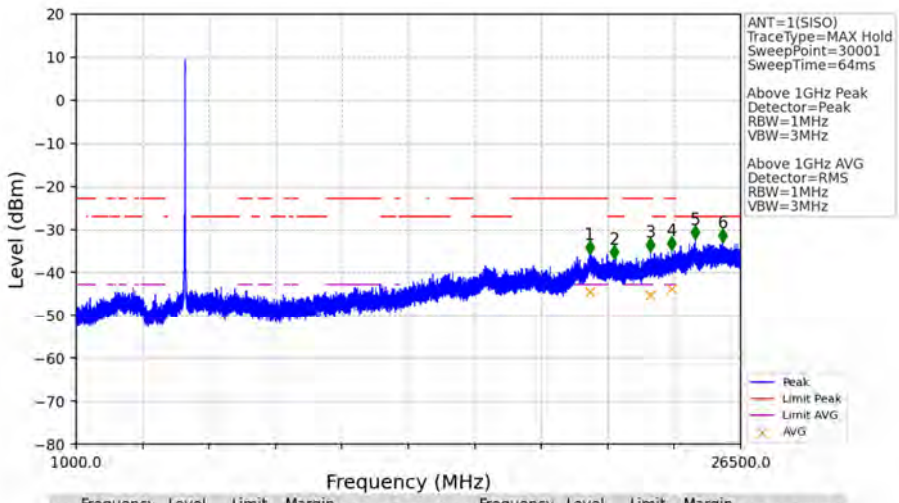
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20798.2	-32.99	-21.20	11.79	Pass	Peak	7	20798.2	-42.23	-41.20	1.03	Pass	AVG
2	21723.85	-35.28	-27.00	8.28	Pass	Peak	8	21723.85	/	-27.00	/	/	AVG
3	22751.5	-34.50	-21.20	13.30	Pass	Peak	9	22751.5	-43.58	-41.20	2.38	Pass	AVG
4	23642.3	-32.15	-21.20	10.95	Pass	Peak	10	23642.3	-41.94	-41.20	0.74	Pass	AVG
5	24730.3	-29.99	-27.00	2.99	Pass	Peak	11	24730.3	/	-27.00	/	/	AVG
6	26224.6	-30.77	-27.00	3.77	Pass	Peak	12	26224.6	/	-27.00	/	/	AVG

802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



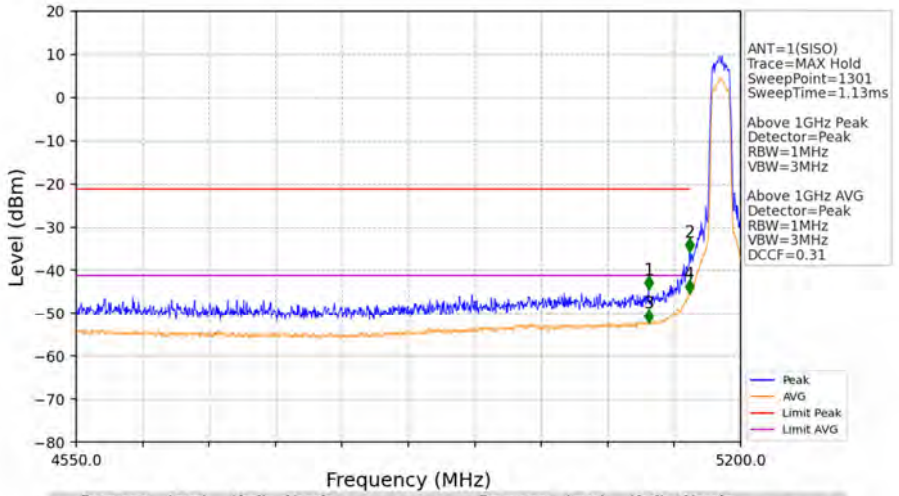
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-42.27	27.00	69.27	Pass	Peak	3	5925.000	-44.74	-27.00	17.74	Pass	Peak
2	5850.540	-39.75	25.77	65.52	Pass	Peak							

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



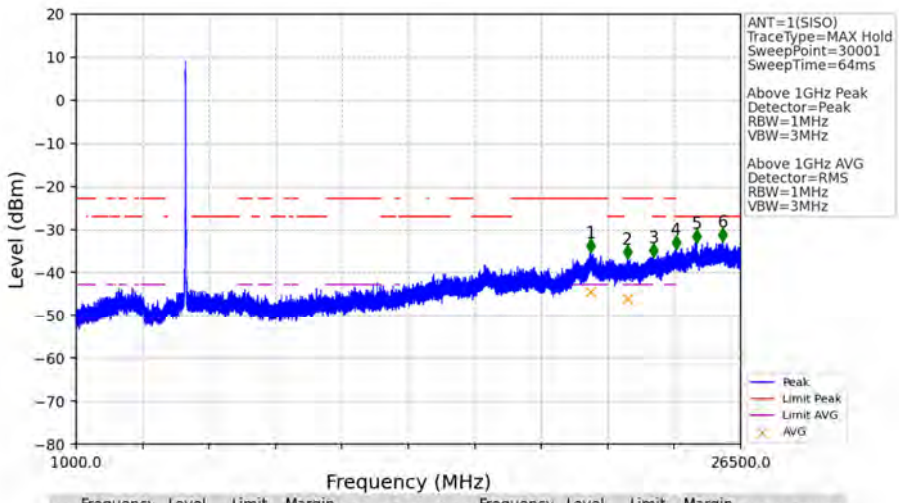
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20706.4	-34.10	-21.20	12.90	Pass	Peak	7	20706.4	-42.84	-41.20	1.64	Pass	AVG
2	21643.1	-35.12	-27.00	8.12	Pass	Peak	8	21643.1	/	-27.00	/	/	AVG
3	23046.45	-33.45	-21.20	12.25	Pass	Peak	9	23046.45	-43.58	-41.20	2.38	Pass	AVG
4	23860.75	-33.23	-21.20	12.03	Pass	Peak	10	23860.75	-42.07	-41.20	0.87	Pass	AVG
5	24765.15	-30.61	-27.00	3.61	Pass	Peak	11	24765.15	/	-27.00	/	/	AVG
6	25813.2	-31.39	-27.00	4.39	Pass	Peak	12	25813.2	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



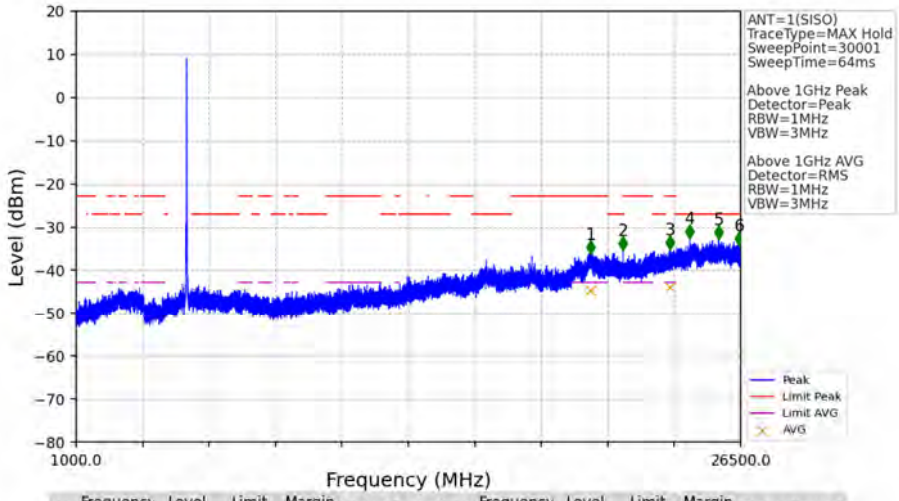
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5110.000	-42.85	-21.20	21.65	Pass	Peak	3	5110.000	-52.16	-41.20	9.36	Pass	AVG
2	5150.000	-34.01	-21.20	12.81	Pass	Peak	4	5150.000	-45.29	-41.20	2.49	Pass	AVG

802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



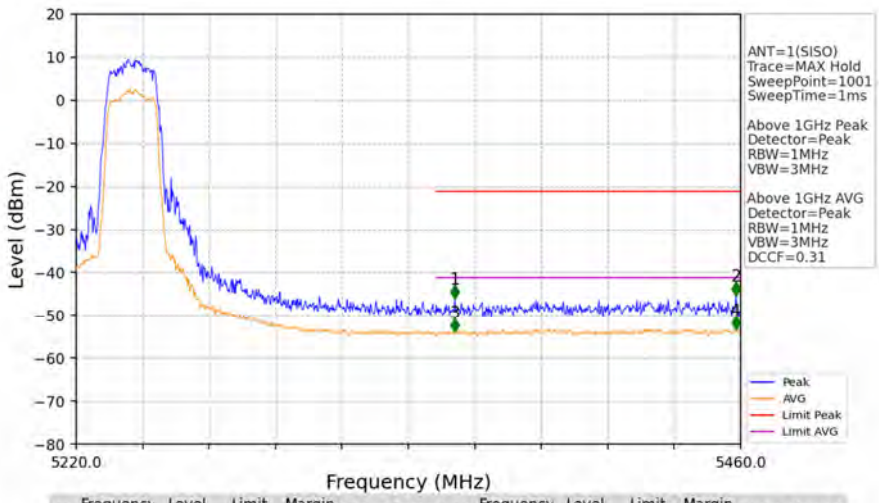
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20743.8	-33.67	-21.20	12.47	Pass	Peak	7	20743.8	-42.83	-41.20	1.63	Pass	AVG
2	22144.6	-35.12	-21.20	13.92	Pass	Peak	8	22144.6	-44.58	-41.20	3.38	Pass	AVG
3	23159.5	-34.78	-27.00	7.78	Pass	Peak	9	23159.5	/	-27.00	/	/	AVG
4	24023.1	-32.97	-27.00	5.97	Pass	Peak	10	24023.1	/	-27.00	/	/	AVG
5	24813.6	-31.47	-27.00	4.47	Pass	Peak	11	24813.6	/	-27.00	/	/	AVG
6	25812.35	-31.18	-27.00	4.18	Pass	Peak	12	25812.35	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



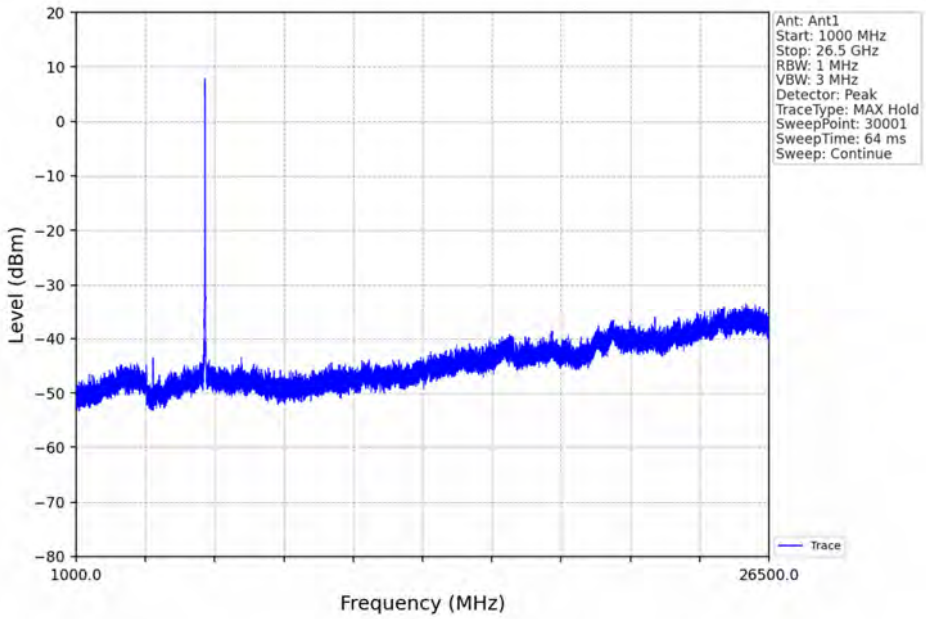
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20743.8	-34.55	-21.20	13.35	Pass	Peak	7	20743.8	-42.98	-41.20	1.78	Pass	AVG
2	21989.9	-33.69	-27.00	6.69	Pass	Peak	8	21989.9	/	-27.00	/	/	AVG
3	23775.75	-33.52	-21.20	12.31	Pass	Peak	9	23775.75	-42.35	-41.20	1.15	Pass	AVG
4	24553.5	-30.96	-27.00	3.96	Pass	Peak	10	24553.5	/	-27.00	/	/	AVG
5	25656.8	-31.15	-27.00	4.15	Pass	Peak	11	25656.8	/	-27.00	/	/	AVG
6	26432.85	-32.61	-27.00	5.61	Pass	Peak	12	26432.85	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV

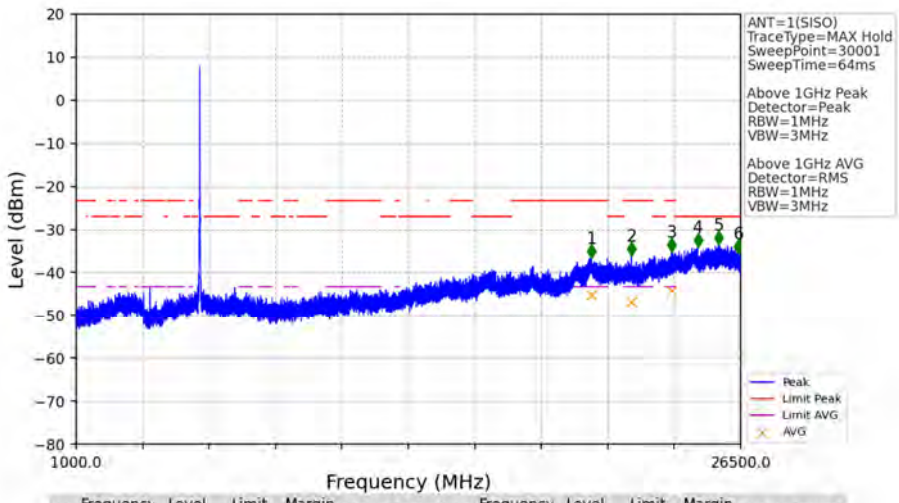


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5356.800	-44.44	-21.20	23.24	Pass	Peak	3	5356.800	-53.86	-41.20	11.06	Pass	AVG
2	5458.320	-43.77	-21.20	22.57	Pass	Peak	4	5458.320	-53.37	-41.20	10.56	Pass	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

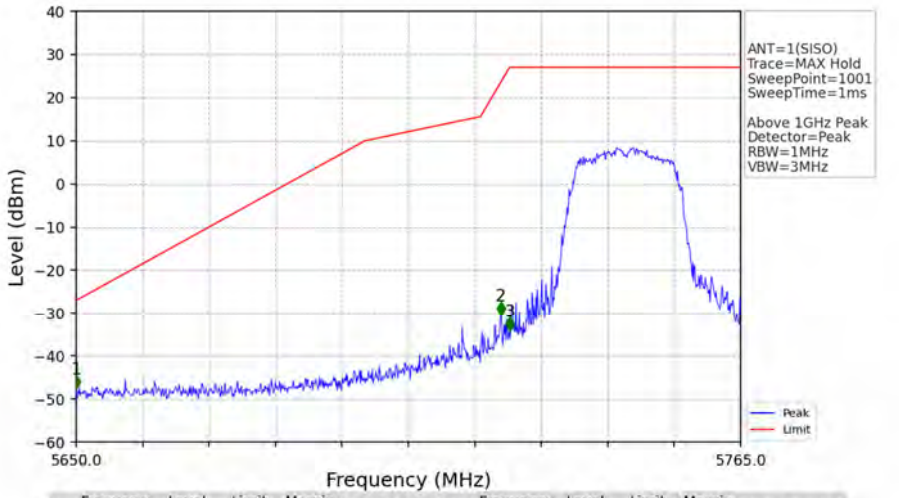


802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



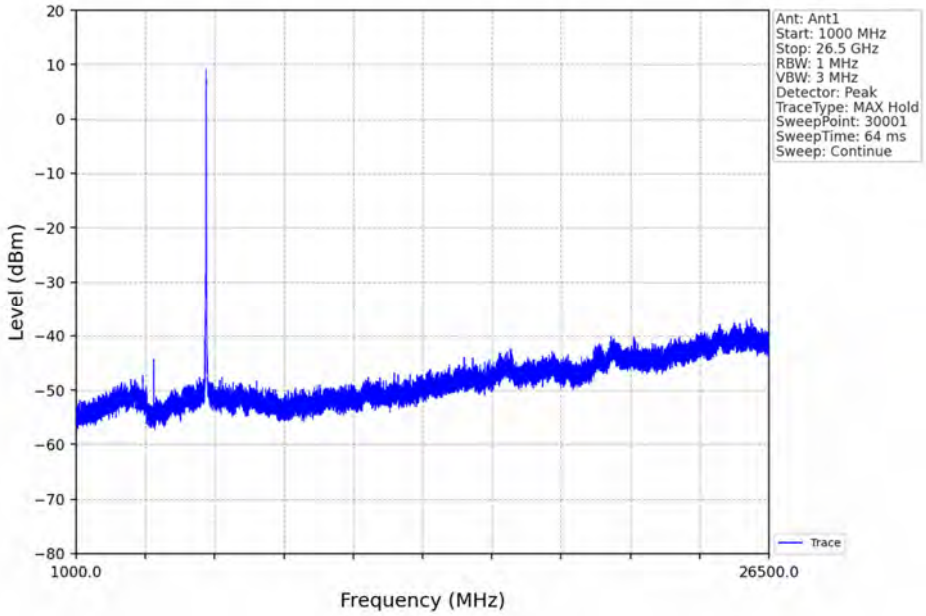
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20780.35	-34.48	-21.20	13.28	Pass	Peak	7	20780.35	-43.02	-41.20	1.82	Pass	AVG
2	22306.95	-33.93	-21.20	12.73	Pass	Peak	8	22306.95	-44.74	-41.20	3.54	Pass	AVG
3	23849.7	-33.05	-21.20	11.86	Pass	Peak	9	23849.7	-42.15	-41.20	0.95	Pass	AVG
4	24858.65	-31.89	-27.00	4.89	Pass	Peak	10	24858.65	/	-27.00	/	/	AVG
5	25651.7	-31.40	-27.00	4.40	Pass	Peak	11	25651.7	/	-27.00	/	/	AVG
6	26420.95	-33.38	-27.00	6.38	Pass	Peak	12	26420.95	/	-27.00	/	/	AVG

802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

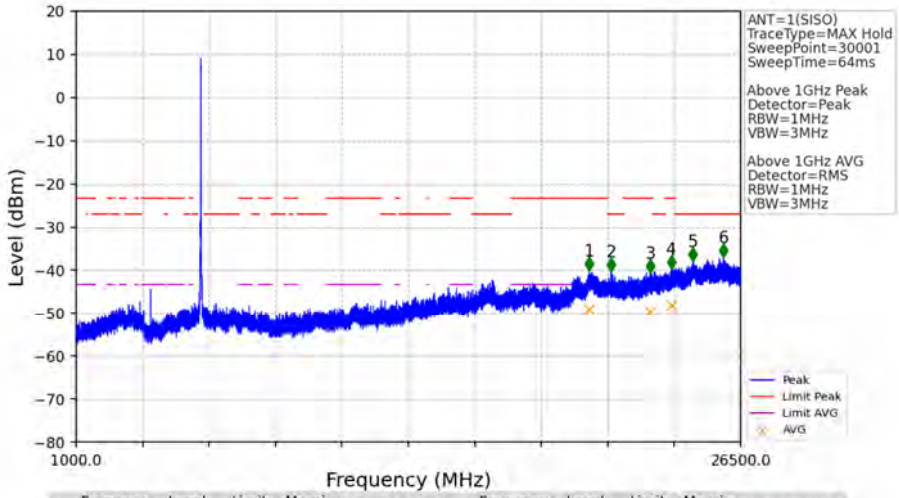


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-45.44	-27.00	18.44	Pass	Peak	3	5725.000	-32.02	27.00	59.02	Pass	Peak
2	5723.485	-28.33	23.55	51.87	Pass	Peak							

802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

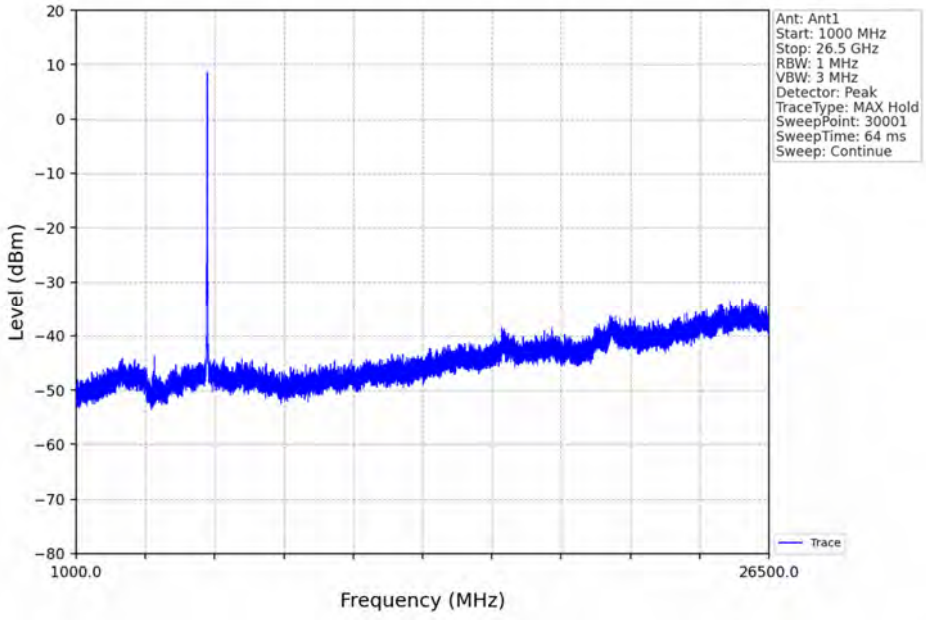


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

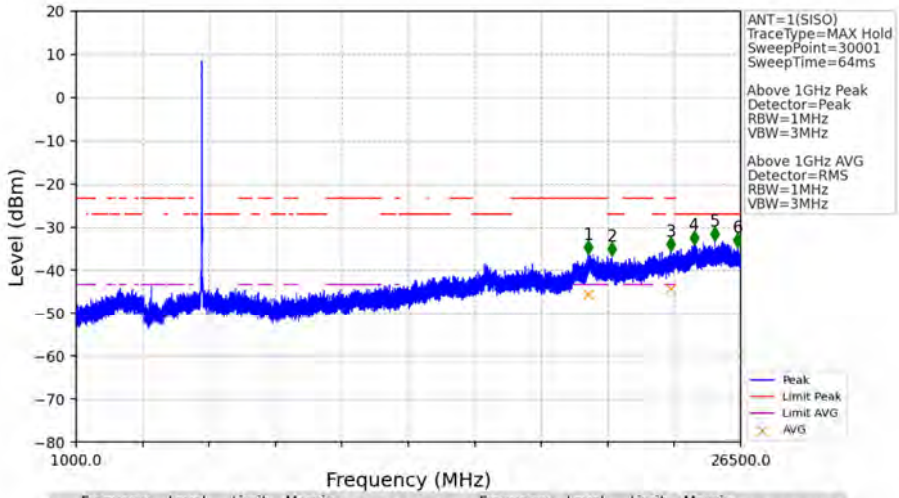


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20693.65	-38.01	-21.20	16.81	Pass	Peak	7	20693.65	-47.02	-41.20	5.82	Pass	AVG
2	21527.5	-38.18	-27.00	11.18	Pass	Peak	8	21527.5	/	-27.00	/	/	AVG
3	23036.25	-38.45	-21.20	17.25	Pass	Peak	9	23036.25	-47.48	-41.20	6.28	Pass	AVG
4	23841.2	-37.51	-21.20	16.31	Pass	Peak	10	23841.2	-46.04	-41.20	4.84	Pass	AVG
5	24669.95	-35.83	-27.00	8.83	Pass	Peak	11	24669.95	/	-27.00	/	/	AVG
6	25841.25	-34.82	-27.00	7.82	Pass	Peak	12	25841.25	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

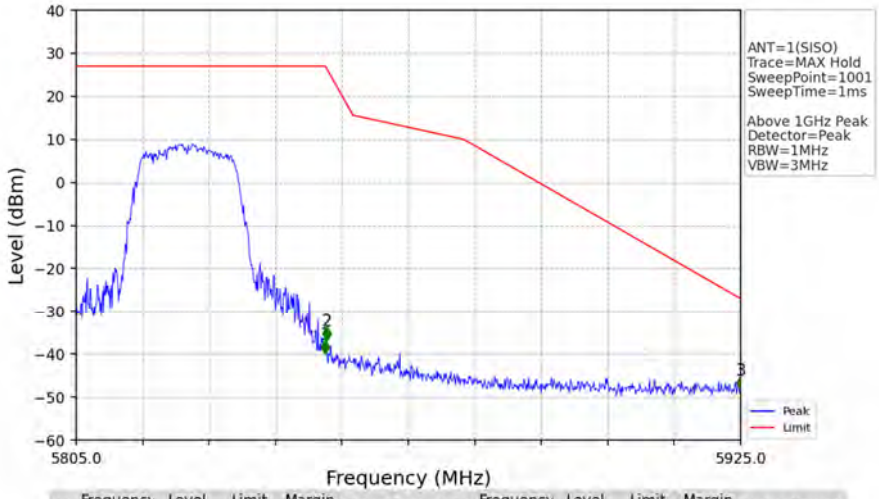


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



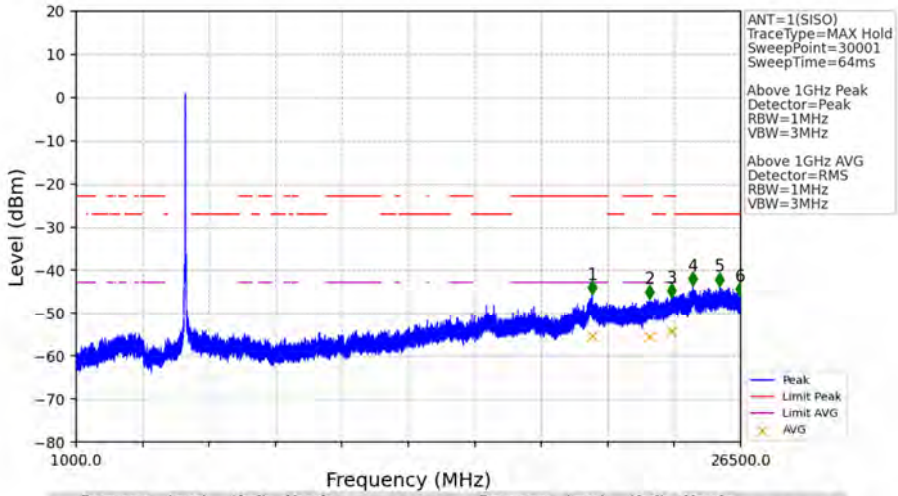
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20654.55	-34.14	-21.20	12.94	Pass	Peak	7	20654.55	-43.40	-41.20	2.20	Pass	AVG
2	21570.85	-34.50	-27.00	7.50	Pass	Peak	8	21570.85	/	-27.00	/	/	AVG
3	23814	-33.46	-21.20	12.26	Pass	Peak	9	23814	-42.18	-41.20	0.98	Pass	AVG
4	24713.3	-31.99	-27.00	4.99	Pass	Peak	10	24713.3	/	-27.00	/	/	AVG
5	25517.4	-31.11	-27.00	4.11	Pass	Peak	11	25517.4	/	-27.00	/	/	AVG
6	26385.25	-32.46	-27.00	5.46	Pass	Peak	12	26385.25	/	-27.00	/	/	AVG

802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



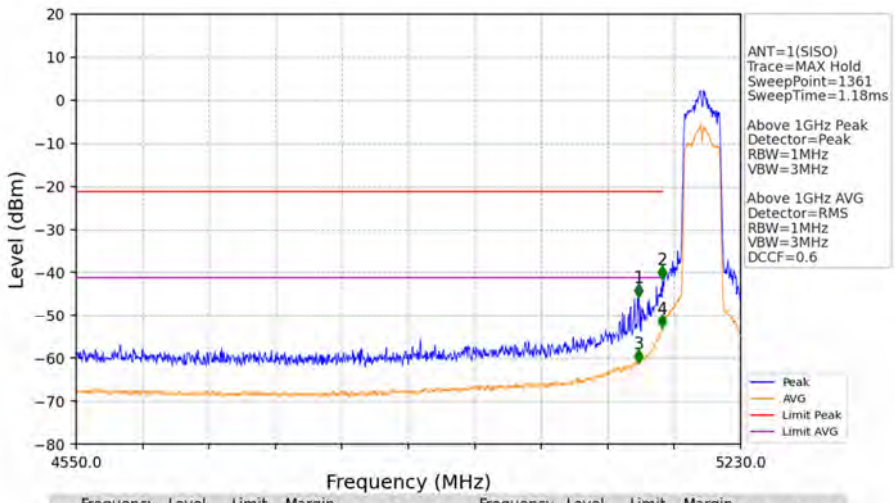
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-37.87	27.00	64.86	Pass	Peak	3	5925.000	-46.24	-27.00	19.24	Pass	Peak
2	5850.240	-34.64	26.45	61.10	Pass	Peak							

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



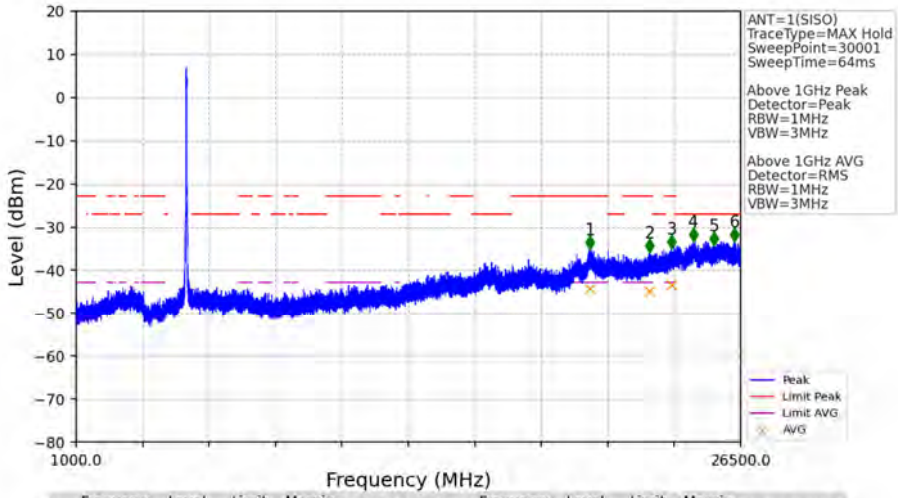
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20800.75	-43.84	-21.20	22.64	Pass	Peak	7	20800.75	-53.74	-41.20	12.54	Pass	AVG
2	23015	-44.92	-21.20	23.72	Pass	Peak	8	23015	-54.00	-41.20	12.80	Pass	AVG
3	23836.95	-44.65	-21.20	23.45	Pass	Peak	9	23836.95	-52.63	-41.20	11.43	Pass	AVG
4	24670.8	-41.92	-27.00	14.92	Pass	Peak	10	24670.8	/	-27.00	/	/	AVG
5	25696.75	-42.01	-27.00	15.01	Pass	Peak	11	25696.75	/	-27.00	/	/	AVG
6	26470.25	-44.21	-27.00	17.21	Pass	Peak	12	26470.25	/	-27.00	/	/	AVG

802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



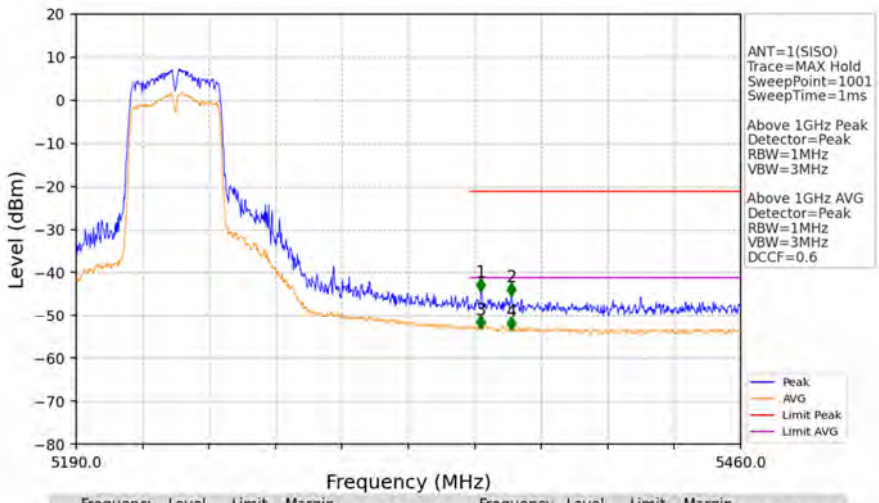
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5125.500	-44.13	-21.20	22.93	Pass	Peak	3	5125.500	-61.14	-41.20	18.34	Pass	AVG
2	5150.000	-39.89	-21.20	18.69	Pass	Peak	4	5150.000	-53.02	-41.20	10.22	Pass	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



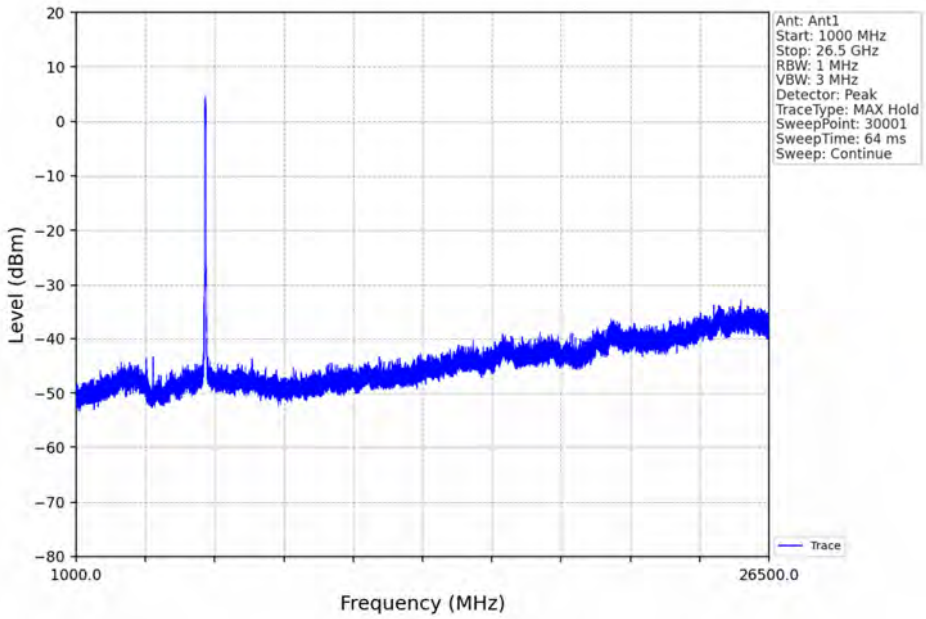
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20723.4	-33.59	-21.20	12.39	Pass	Peak	7	20723.4	-42.63	-41.20	1.43	Pass	AVG
2	23002.25	-34.23	-21.20	13.03	Pass	Peak	8	23002.25	-43.27	-41.20	2.07	Pass	AVG
3	23835.25	-33.39	-21.20	12.19	Pass	Peak	9	23835.25	-41.80	-41.20	0.60	Pass	AVG
4	24676.75	-31.67	-27.00	4.67	Pass	Peak	10	24676.75	/	-27.00	/	/	AVG
5	25462.15	-32.63	-27.00	5.63	Pass	Peak	11	25462.15	/	-27.00	/	/	AVG
6	26257.75	-31.65	-27.00	4.65	Pass	Peak	12	26257.75	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

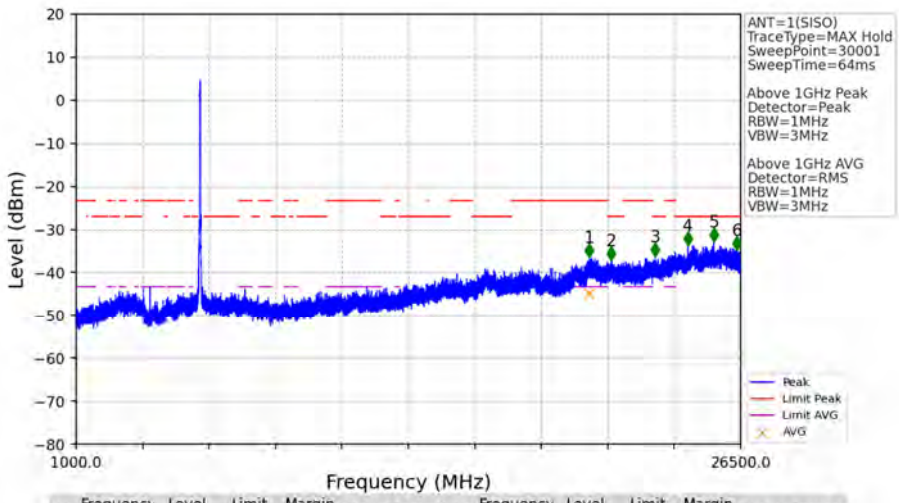


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5354.430	-42.74	-21.20	21.54	Pass	Peak	3	5354.430	-53.11	-41.20	10.31	Pass	AVG
2	5366.850	-43.98	-21.20	22.78	Pass	Peak	4	5366.850	-53.57	-41.20	10.77	Pass	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

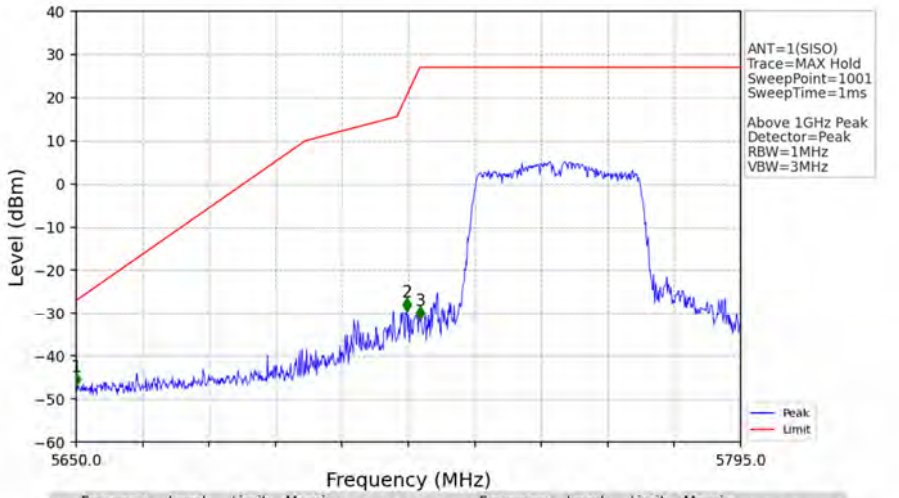


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



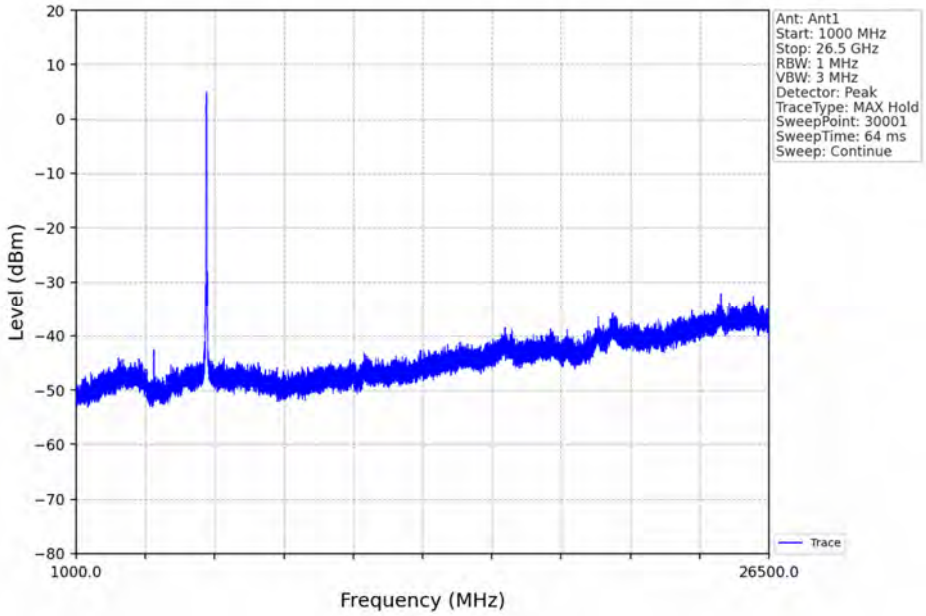
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20697.05	-34.38	-21.20	13.18	Pass	Peak	7	20697.05	-42.79	-41.20	1.59	Pass	AVG
2	21535.15	-35.03	-27.00	8.03	Pass	Peak	8	21535.15	/	-27.00	/	/	AVG
3	23226.65	-34.07	-27.00	7.07	Pass	Peak	9	23226.65	/	-27.00	/	/	AVG
4	24476.15	-31.61	-27.00	4.61	Pass	Peak	10	24476.15	/	-27.00	/	/	AVG
5	25469.8	-30.69	-27.00	3.69	Pass	Peak	11	25469.8	/	-27.00	/	/	AVG
6	26348.7	-32.66	-27.00	5.66	Pass	Peak	12	26348.7	/	-27.00	/	/	AVG

802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

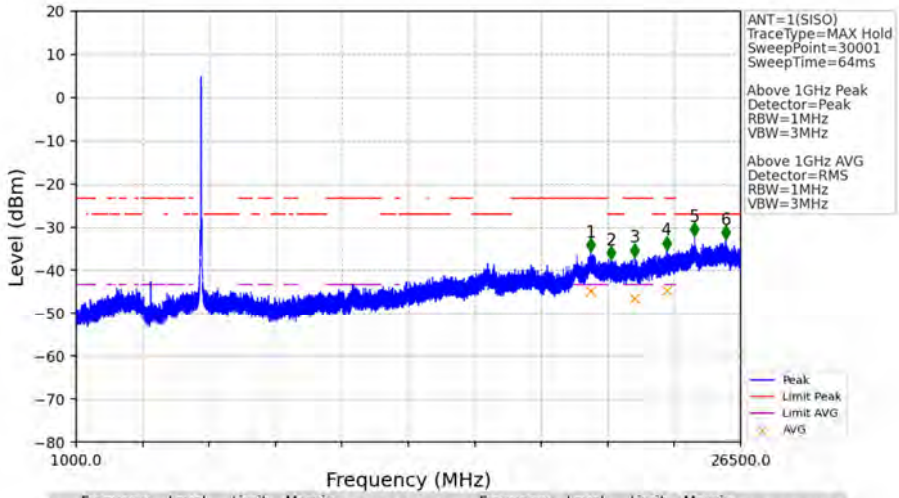


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5650.000	-44.86	-27.00	17.86	Pass	Peak	3	5725.000	-29.46	27.00	56.46	Pass	Peak
2	5722.210	-27.43	20.64	48.07	Pass	Peak							

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV

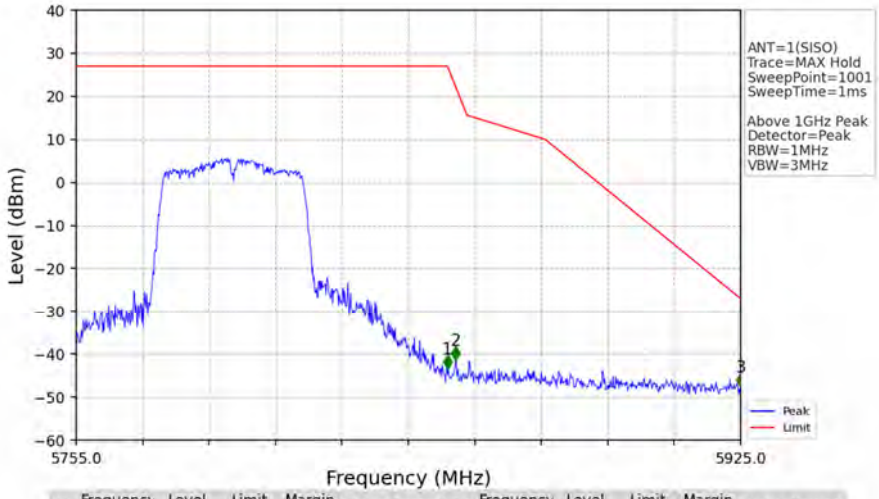


802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



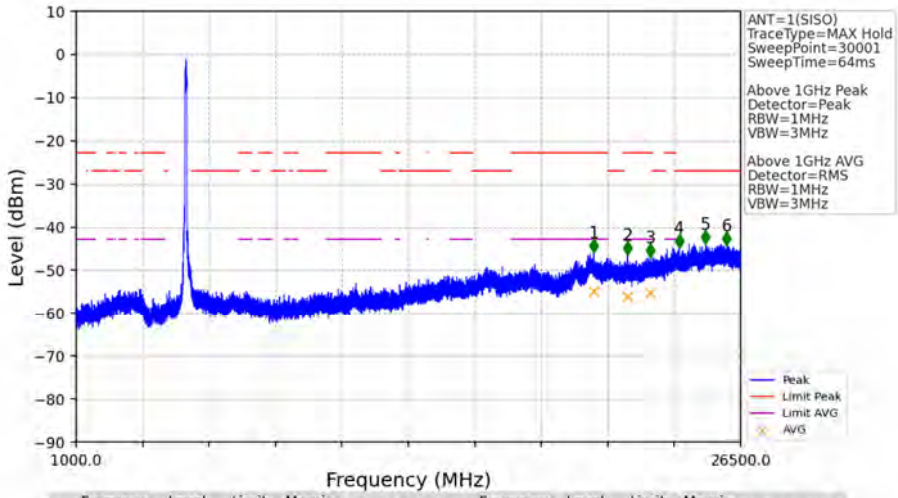
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20745.5	-33.64	-21.20	12.44	Pass	Peak	7	20745.5	-42.79	-41.20	1.59	Pass	AVG
2	21524.1	-35.46	-27.00	8.46	Pass	Peak	8	21524.1	/	-27.00	/	/	AVG
3	22437.85	-34.77	-21.20	13.57	Pass	Peak	9	22437.85	-44.44	-41.20	3.24	Pass	AVG
4	23669.5	-33.13	-21.20	11.93	Pass	Peak	10	23669.5	-42.54	-41.20	1.34	Pass	AVG
5	24736.25	-30.00	-27.00	3.00	Pass	Peak	11	24736.25	/	-27.00	/	/	AVG
6	25928.8	-30.62	-27.00	3.62	Pass	Peak	12	25928.8	/	-27.00	/	/	AVG

802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



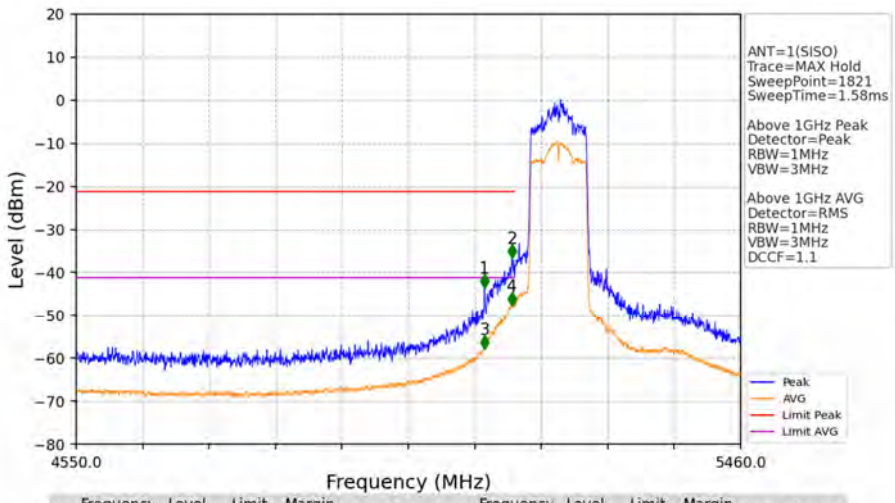
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5850.000	-41.25	27.00	68.25	Pass	Peak	3	5925.000	-45.43	-27.00	18.43	Pass	Peak
2	5852.070	-39.21	22.28	61.49	Pass	Peak							

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



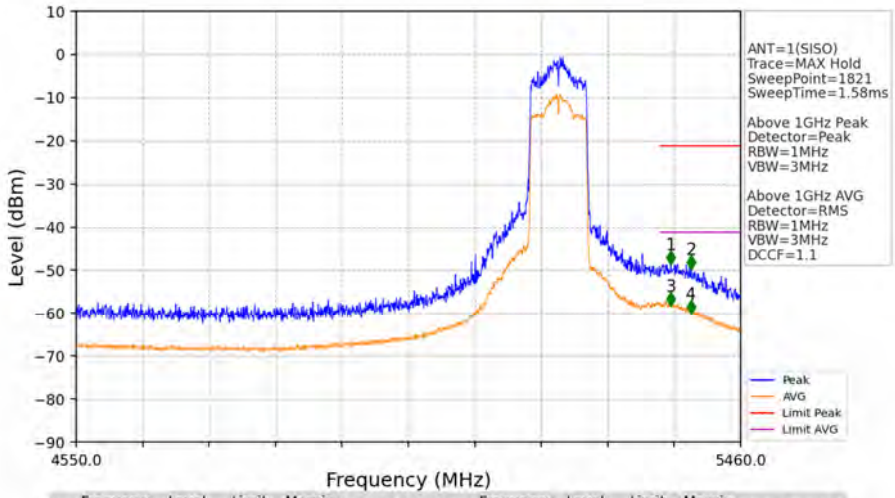
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	20866.2	-44.24	-21.20	23.05	Pass	Peak	7	20866.2	-53.27	-41.20	12.07	Pass	AVG
2	22162.45	-44.85	-21.20	23.65	Pass	Peak	8	22162.45	-54.44	-41.20	13.24	Pass	AVG
3	23026.05	-45.31	-21.20	24.11	Pass	Peak	9	23026.05	-53.67	-41.20	12.47	Pass	AVG
4	24143.8	-43.15	-27.00	16.15	Pass	Peak	10	24143.8	/	-27.00	/	/	AVG
5	25157.85	-42.22	-27.00	15.22	Pass	Peak	11	25157.85	/	-27.00	/	/	AVG
6	25970.45	-42.55	-27.00	15.55	Pass	Peak	12	25970.45	/	-27.00	/	/	AVG

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



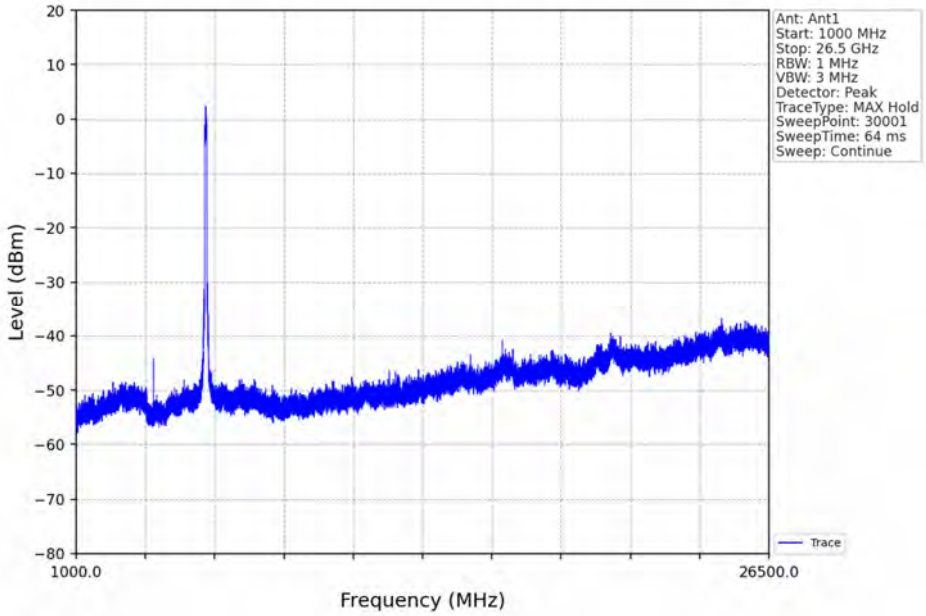
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5109.000	-41.91	-21.20	20.71	Pass	Peak	3	5109.000	-57.96	-41.20	15.16	Pass	AVG
2	5147.000	-34.93	-21.20	13.73	Pass	Peak	4	5147.000	-47.79	-41.20	4.99	Pass	AVG

802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

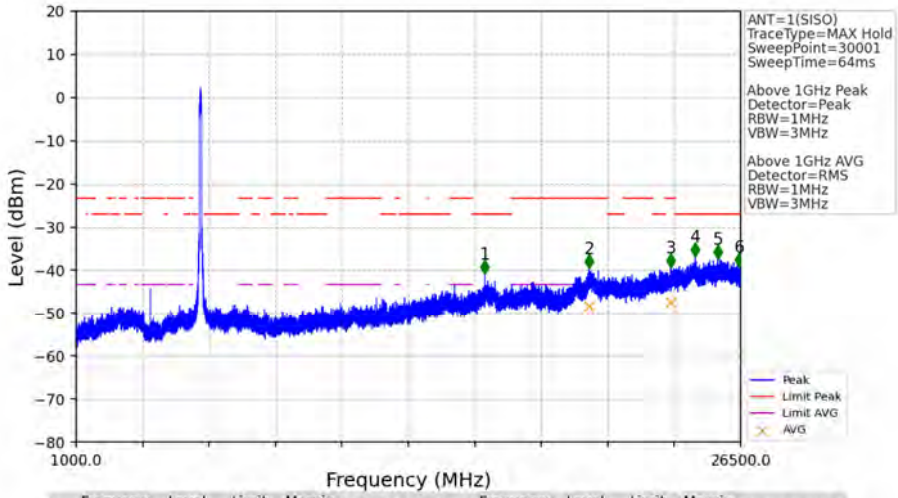


No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	5364.500	-46.99	-21.20	25.80	Pass	AVG	3	5364.500	-58.26	-41.20	15.46	Pass	AVG
2	5392.000	-48.05	-21.20	26.85	Pass	AVG	4	5392.000	-60.11	-41.20	17.31	Pass	AVG

802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV

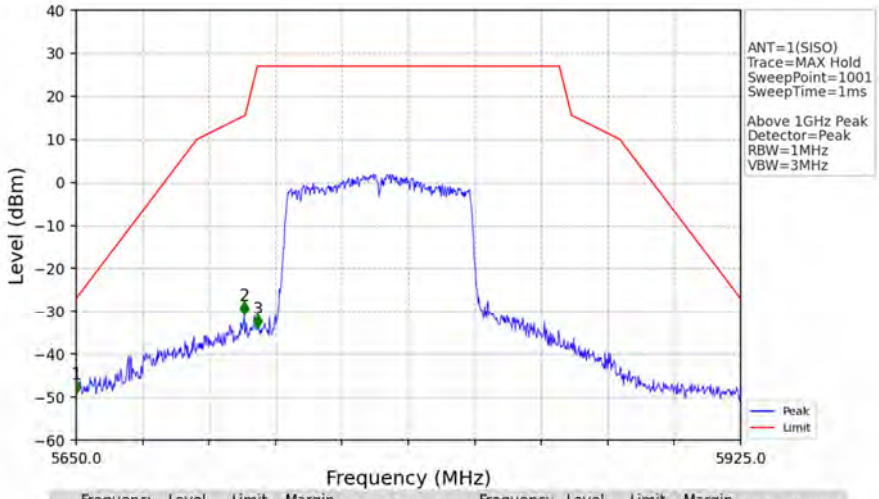


802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



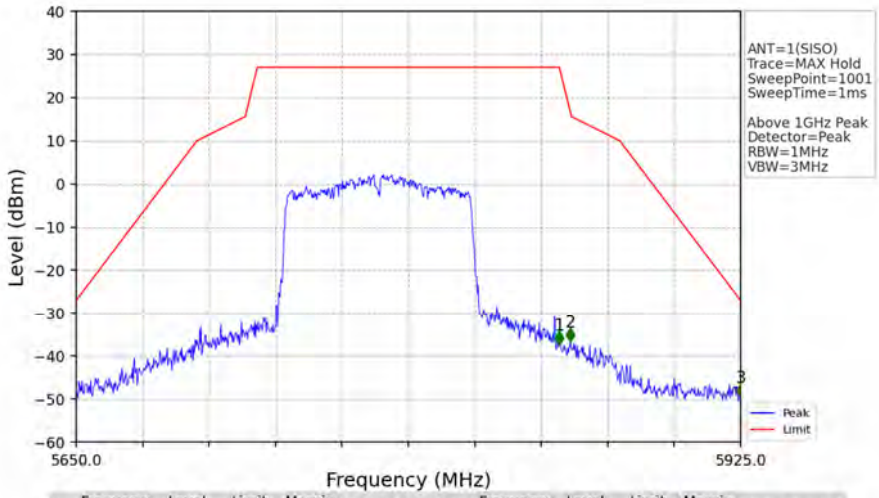
No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark	No	Frequency (MHz)	Level (dBm)	Limit (dBm)	Margin (dB)	Status	Remark
1	16685.9	-38.71	-27.00	11.71	Pass	Peak	7	16685.9	/	-27.00	/	/	AVG
2	20676.65	-37.44	-21.20	16.24	Pass	Peak	8	20676.65	-46.28	-41.20	5.08	Pass	AVG
3	23814.85	-37.24	-21.20	16.04	Pass	Peak	9	23814.85	-45.24	-41.20	4.04	Pass	AVG
4	24757.5	-34.70	-27.00	7.70	Pass	Peak	10	24757.5	/	-27.00	/	/	AVG
5	25627.05	-35.16	-27.00	8.16	Pass	Peak	11	25627.05	/	-27.00	/	/	AVG
6	26451.55	-37.13	-27.00	10.13	Pass	Peak	12	26451.55	/	-27.00	/	/	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	-47.02	-27.00	20.02	Pass	Peak	3	5725.000	-31.79	27.00	58.79	Pass	Peak
2	5719.575	-28.64	15.48	44.12	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	-35.30	27.00	62.30	Pass	AVG	3	5925.000	-47.44	-27.00	20.44	Pass	AVG
2	5854.600	-34.51	16.51	51.02	Pass	AVG							

6. Frequency Stability

6.1 Test Result

6.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5180.040	5150 to 5250	Pass
				120	5179.940	5150 to 5250	Pass
				138	5179.980	5150 to 5250	Pass
			-30	120	5180.000	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5179.980	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
			50	120	5180.060	5150 to 5250	Pass
		5200	20	102	5200.040	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.080	5150 to 5250	Pass
			-30	120	5200.040	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.020	5150 to 5250	Pass
			0	120	5200.040	5150 to 5250	Pass
			10	120	5200.060	5150 to 5250	Pass
			30	120	5200.060	5150 to 5250	Pass
			40	120	5200.040	5150 to 5250	Pass
			50	120	5200.080	5150 to 5250	Pass
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.000	5150 to 5250	Pass
			-20	120	5240.020	5150 to 5250	Pass
			-10	120	5240.080	5150 to 5250	Pass
			0	120	5240.060	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	Pass
			30	120	5240.020	5150 to 5250	Pass
			40	120	5239.940	5150 to 5250	Pass
			50	120	5240.040	5150 to 5250	Pass
		5745	20	102	5744.960	5725 to 5850	Pass
				120	5745.060	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5745.040	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.040	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5745.000	5725 to 5850	Pass

			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.020	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5785.060	5725 to 5850	Pass
				120	5784.980	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5785.060	5725 to 5850	Pass
			-10	120	5785.020	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass
			40	120	5784.980	5725 to 5850	Pass
			50	120	5784.980	5725 to 5850	Pass
		5825	20	102	5825.000	5725 to 5850	Pass
				120	5825.000	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5824.960	5725 to 5850	Pass
			10	120	5825.060	5725 to 5850	Pass
			30	120	5824.980	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.980	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5180.020	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5179.960	5150 to 5250	Pass
			-20	120	5180.000	5150 to 5250	Pass
			-10	120	5180.000	5150 to 5250	Pass
			0	120	5179.960	5150 to 5250	Pass
			10	120	5179.980	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5180.060	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5200.040	5150 to 5250	Pass
				120	5200.060	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5200.060	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass
			0	120	5200.000	5150 to 5250	Pass
			10	120	5200.060	5150 to 5250	Pass
			30	120	5200.040	5150 to 5250	Pass
			40	120	5200.060	5150 to 5250	Pass
			50	120	5199.920	5150 to 5250	Pass
		5240	20	102	5240.100	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5240.000	5150 to 5250	Pass
			-30	120	5240.040	5150 to 5250	Pass
			-20	120	5240.060	5150 to 5250	Pass

			-10	120	5240.020	5150 to 5250	Pass
			0	120	5240.100	5150 to 5250	Pass
			10	120	5240.040	5150 to 5250	Pass
			30	120	5240.060	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
		5745	20	102	5745.040	5725 to 5850	Pass
				120	5745.060	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5745.080	5725 to 5850	Pass
			-20	120	5744.940	5725 to 5850	Pass
			-10	120	5745.080	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5745.020	5725 to 5850	Pass
			30	120	5745.060	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5785.060	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.060	5725 to 5850	Pass
			-20	120	5785.080	5725 to 5850	Pass
			-10	120	5785.000	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5785.080	5725 to 5850	Pass
			30	120	5784.960	5725 to 5850	Pass
			40	120	5785.060	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5825.040	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5825.040	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			0	120	5825.020	5725 to 5850	Pass
			10	120	5825.000	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5825.040	5725 to 5850	Pass
			50	120	5825.000	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	102	5190.080	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5190.040	5150 to 5250	Pass
			-20	120	5190.040	5150 to 5250	Pass
			-10	120	5190.120	5150 to 5250	Pass
			0	120	5190.040	5150 to 5250	Pass
			10	120	5190.040	5150 to 5250	Pass
			30	120	5190.080	5150 to 5250	Pass
			40	120	5190.080	5150 to 5250	Pass
			50	120	5190.040	5150 to 5250	Pass
		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.080	5150 to 5250	Pass

				138	5230.160	5150 to 5250	Pass
			-30	120	5230.120	5150 to 5250	Pass
			-20	120	5230.120	5150 to 5250	Pass
			-10	120	5230.120	5150 to 5250	Pass
			0	120	5230.160	5150 to 5250	Pass
			10	120	5230.040	5150 to 5250	Pass
			30	120	5230.120	5150 to 5250	Pass
			40	120	5230.080	5150 to 5250	Pass
			50	120	5230.080	5150 to 5250	Pass
		5755	20	102	5755.000	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				138	5755.040	5725 to 5850	Pass
			-30	120	5755.000	5725 to 5850	Pass
			-20	120	5755.040	5725 to 5850	Pass
			-10	120	5755.120	5725 to 5850	Pass
			0	120	5755.040	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
			30	120	5755.040	5725 to 5850	Pass
			40	120	5755.120	5725 to 5850	Pass
			50	120	5755.040	5725 to 5850	Pass
		5795	20	102	5795.040	5725 to 5850	Pass
				120	5795.080	5725 to 5850	Pass
				138	5795.080	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.080	5725 to 5850	Pass
			-10	120	5795.080	5725 to 5850	Pass
			0	120	5795.080	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.080	5725 to 5850	Pass
			40	120	5795.040	5725 to 5850	Pass
			50	120	5795.080	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5179.960	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5180.080	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5180.020	5150 to 5250	Pass
			-10	120	5179.940	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5179.980	5150 to 5250	Pass
			50	120	5180.060	5150 to 5250	Pass
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-30	120	5200.040	5150 to 5250	Pass
			-20	120	5200.080	5150 to 5250	Pass
			-10	120	5200.060	5150 to 5250	Pass
			0	120	5200.060	5150 to 5250	Pass
			10	120	5199.960	5150 to 5250	Pass
			30	120	5200.040	5150 to 5250	Pass
			40	120	5200.020	5150 to 5250	Pass

			50	120	5200.040	5150 to 5250	Pass
		5240	20	102	5240.060	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.040	5150 to 5250	Pass
			-20	120	5240.020	5150 to 5250	Pass
			-10	120	5240.000	5150 to 5250	Pass
			0	120	5240.060	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	Pass
			30	120	5240.040	5150 to 5250	Pass
			40	120	5240.080	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
		5745	20	102	5745.040	5725 to 5850	Pass
				120	5745.040	5725 to 5850	Pass
				138	5745.080	5725 to 5850	Pass
			-30	120	5744.960	5725 to 5850	Pass
			-20	120	5744.980	5725 to 5850	Pass
			-10	120	5745.000	5725 to 5850	Pass
			0	120	5745.000	5725 to 5850	Pass
			10	120	5745.000	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.040	5725 to 5850	Pass
		5785	20	102	5785.040	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.040	5725 to 5850	Pass
			-30	120	5785.080	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5784.960	5725 to 5850	Pass
			10	120	5785.100	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass
			40	120	5785.020	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5825.020	5725 to 5850	Pass
				120	5825.040	5725 to 5850	Pass
				138	5825.000	5725 to 5850	Pass
			-30	120	5825.020	5725 to 5850	Pass
			-20	120	5825.000	5725 to 5850	Pass
			-10	120	5824.980	5725 to 5850	Pass
			0	120	5825.020	5725 to 5850	Pass
			10	120	5824.940	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5824.960	5725 to 5850	Pass
			50	120	5825.040	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.080	5150 to 5250	Pass
				120	5190.040	5150 to 5250	Pass
				138	5190.000	5150 to 5250	Pass
			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.000	5150 to 5250	Pass
			-10	120	5190.040	5150 to 5250	Pass
			0	120	5189.960	5150 to 5250	Pass

			10	120	5190.040	5150 to 5250	Pass
			30	120	5190.080	5150 to 5250	Pass
			40	120	5190.120	5150 to 5250	Pass
			50	120	5190.080	5150 to 5250	Pass
		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.040	5150 to 5250	Pass
				138	5230.080	5150 to 5250	Pass
			-30	120	5230.160	5150 to 5250	Pass
			-20	120	5230.120	5150 to 5250	Pass
			-10	120	5230.120	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.040	5150 to 5250	Pass
			30	120	5230.120	5150 to 5250	Pass
			40	120	5230.040	5150 to 5250	Pass
			50	120	5230.040	5150 to 5250	Pass
		5755	20	102	5755.040	5725 to 5850	Pass
				120	5755.040	5725 to 5850	Pass
				138	5755.120	5725 to 5850	Pass
			-30	120	5755.080	5725 to 5850	Pass
			-20	120	5754.960	5725 to 5850	Pass
			-10	120	5755.040	5725 to 5850	Pass
			0	120	5755.080	5725 to 5850	Pass
			10	120	5755.080	5725 to 5850	Pass
			30	120	5755.120	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.040	5725 to 5850	Pass
		5795	20	102	5795.040	5725 to 5850	Pass
				120	5795.040	5725 to 5850	Pass
				138	5795.040	5725 to 5850	Pass
			-30	120	5795.120	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5795.040	5725 to 5850	Pass
			0	120	5795.080	5725 to 5850	Pass
			10	120	5795.080	5725 to 5850	Pass
			30	120	5795.080	5725 to 5850	Pass
			40	120	5795.080	5725 to 5850	Pass
			50	120	5795.120	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	20	102	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				138	5210.150	5150 to 5250	Pass
			-30	120	5210.075	5150 to 5250	Pass
			-20	120	5210.225	5150 to 5250	Pass
			-10	120	5210.075	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.150	5150 to 5250	Pass
			30	120	5210.150	5150 to 5250	Pass
			40	120	5210.000	5150 to 5250	Pass
			50	120	5210.075	5150 to 5250	Pass
		5775	20	102	5775.150	5725 to 5850	Pass
				120	5775.075	5725 to 5850	Pass
				138	5775.000	5725 to 5850	Pass
			-30	120	5775.000	5725 to 5850	Pass

			-20	120	5775.000	5725 to 5850	Pass
			-10	120	5775.075	5725 to 5850	Pass
			0	120	5775.000	5725 to 5850	Pass
			10	120	5775.150	5725 to 5850	Pass
			30	120	5775.000	5725 to 5850	Pass
			40	120	5775.075	5725 to 5850	Pass
			50	120	5775.075	5725 to 5850	Pass

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