

Appendix - 5G WiFi

1. Duty Cycle

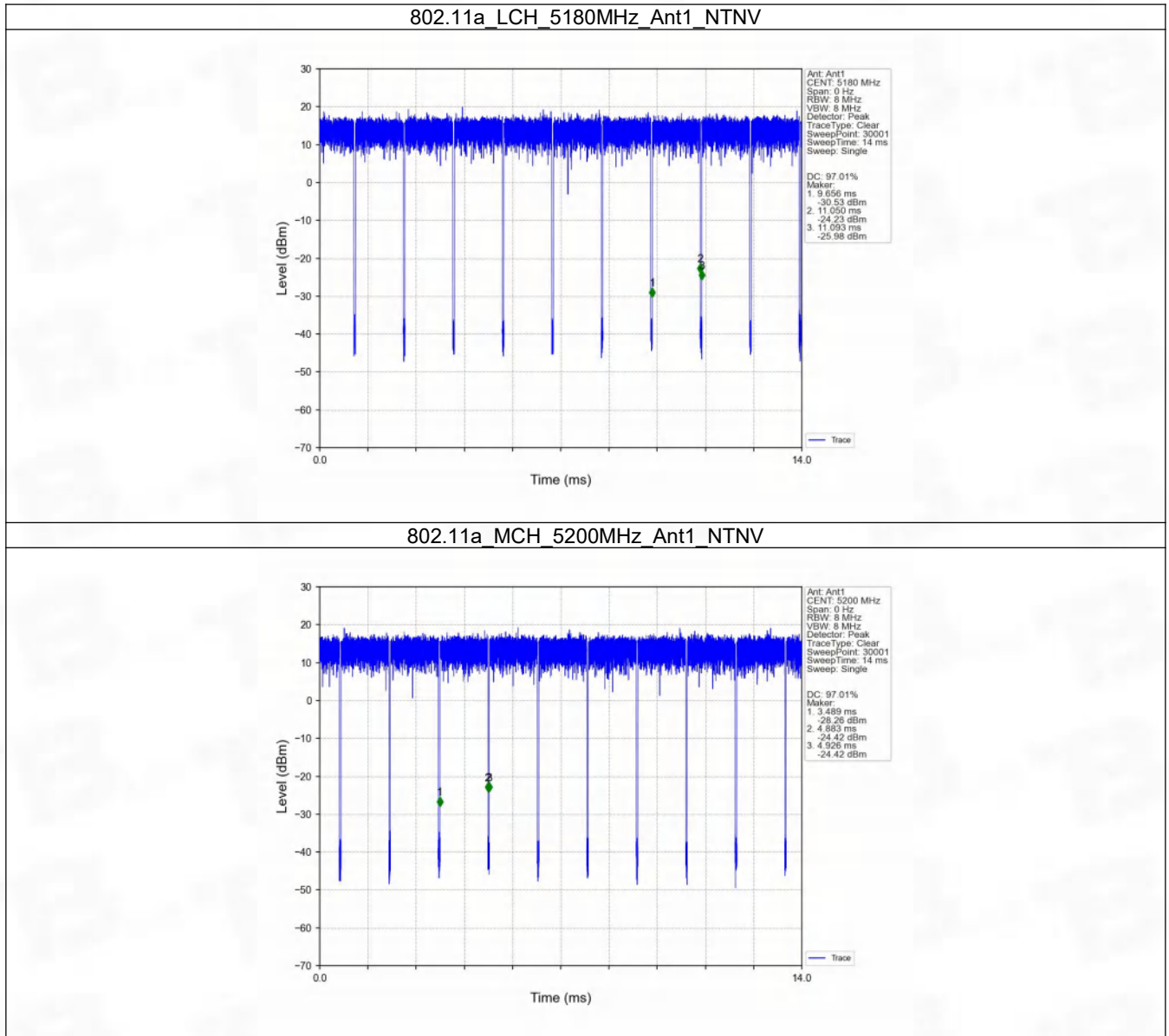
1.1 Test Result

1.1.1 Ant1

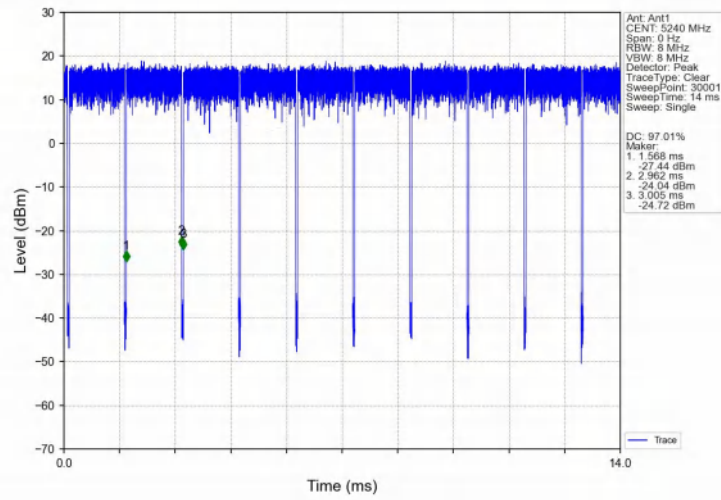
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.394	1.437	97.01	0.13	0.03
		5200	1.394	1.437	97.01	0.13	0.03
		5240	1.394	1.437	97.01	0.13	0.03
		5260	1.394	1.437	97.01	0.13	0.03
		5300	1.394	1.437	97.01	0.13	0.03
		5320	1.394	1.437	97.01	0.13	0.03
		5745	1.394	1.437	97.01	0.13	0.03
		5785	1.393	1.437	96.94	0.14	0.06
		5825	1.393	1.437	96.94	0.14	0.10
802.11n (HT20)	SISO	5180	1.302	1.345	96.80	0.14	0.03
		5200	1.302	1.345	96.80	0.14	0.03
		5240	1.302	1.345	96.80	0.14	0.03
		5260	1.301	1.344	96.80	0.14	0.03
		5300	1.301	1.344	96.80	0.14	0.03
		5320	1.301	1.344	96.80	0.14	0.03
		5745	1.301	1.344	96.80	0.14	0.03
		5785	1.301	1.344	96.80	0.14	0.03
		5825	1.302	1.345	96.80	0.14	0.03
802.11n (HT40)	SISO	5190	0.649	0.692	93.79	0.28	0.03
		5230	0.649	0.692	93.79	0.28	0.03
		5270	0.650	0.692	93.93	0.27	0.03
		5310	0.648	0.692	93.64	0.29	0.03
		5755	0.650	0.693	93.80	0.28	0.10
		5795	0.649	0.693	93.65	0.28	0.03
802.11ac (VHT20)	SISO	5180	1.314	1.357	96.83	0.14	0.03
		5200	1.314	1.357	96.83	0.14	0.03
		5240	1.314	1.357	96.83	0.14	0.03
		5260	1.314	1.356	96.90	0.14	0.03
		5300	1.314	1.357	96.83	0.14	0.03
		5320	1.314	1.357	96.83	0.14	0.03
		5745	1.313	1.358	96.69	0.15	0.07
		5785	1.314	1.357	96.83	0.14	0.03
		5825	1.314	1.357	96.83	0.14	0.03
802.11ac (VHT40)	SISO	5190	0.654	0.696	93.97	0.27	0.03
		5230	0.654	0.696	93.97	0.27	0.03
		5270	0.653	0.696	93.82	0.28	0.00
		5310	0.654	0.696	93.97	0.27	0.00
		5755	0.653	0.696	93.82	0.28	0.06
		5795	0.653	0.696	93.82	0.28	0.03
802.11ac (VHT80)	SISO	5210	0.325	0.368	88.32	0.54	0.04
		5290	0.324	0.368	88.04	0.55	0.04
		5775	0.326	0.368	88.59	0.53	0.04

1.2 Test Graph

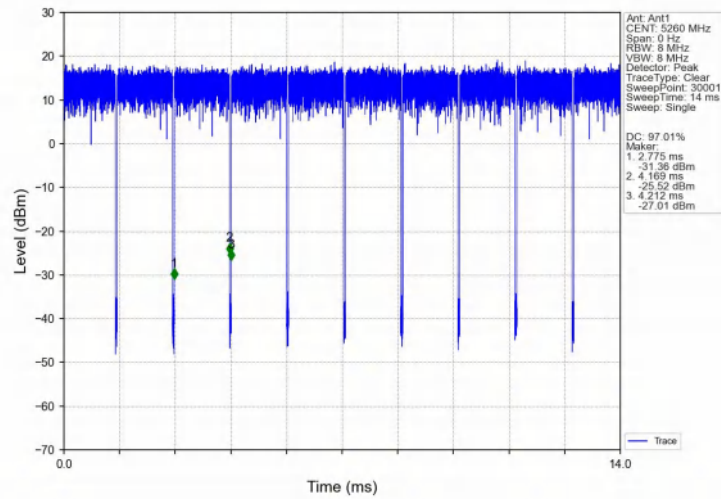
1.2.1 Ant1



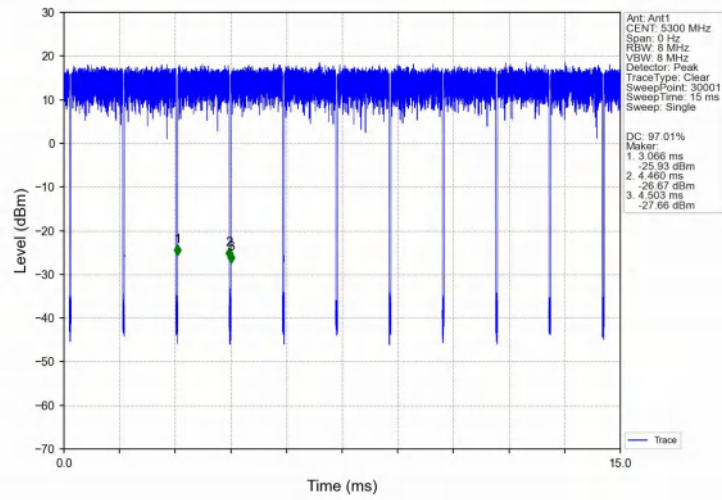
802.11a_HCH_5240MHz_Ant1_NTNV



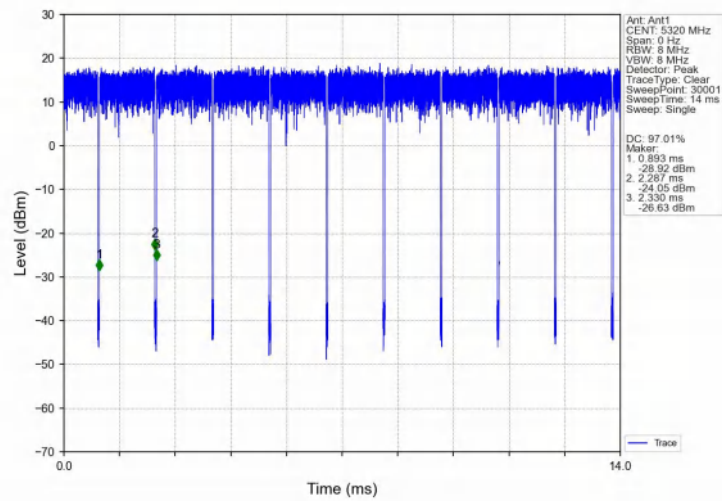
802.11a_LCH_5260MHz_Ant1_NTNV



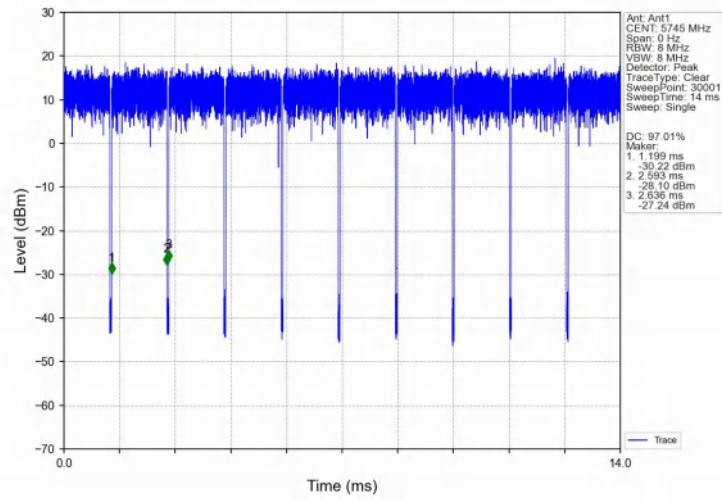
802.11a_MCH_5300MHz_Ant1_NTNV



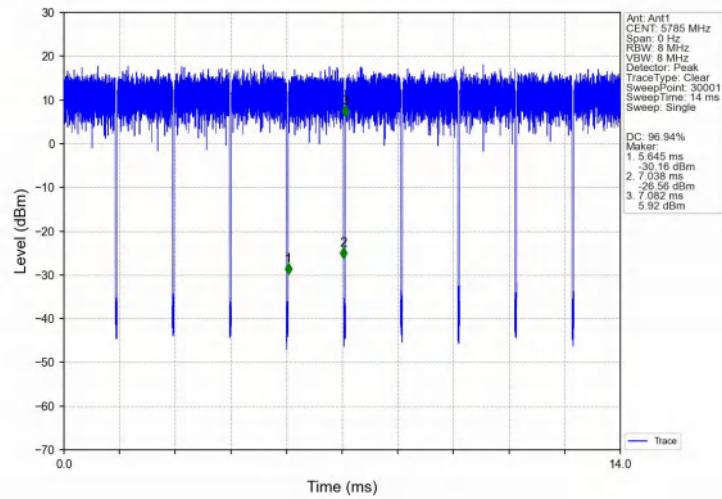
802.11a_HCH_5320MHz_Ant1_NTNV



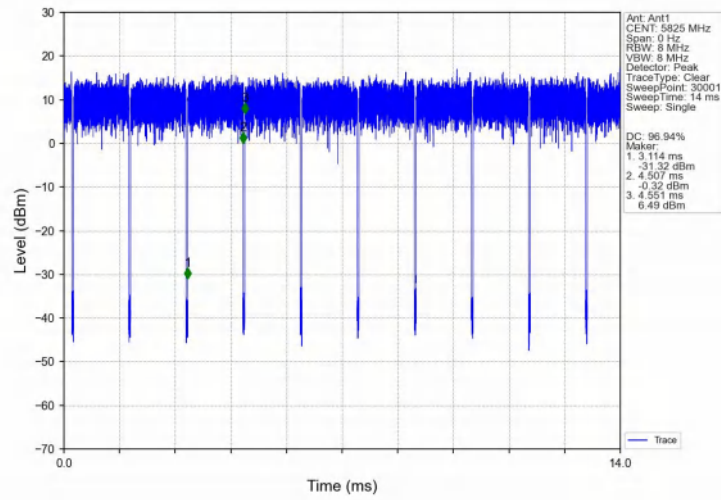
802.11a_LCH_5745MHz_Ant1_NTNV



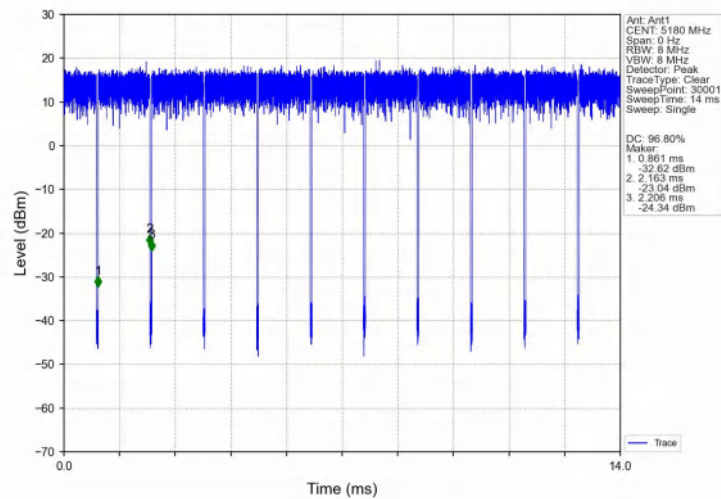
802.11a_MCH_5785MHz_Ant1_NTNV



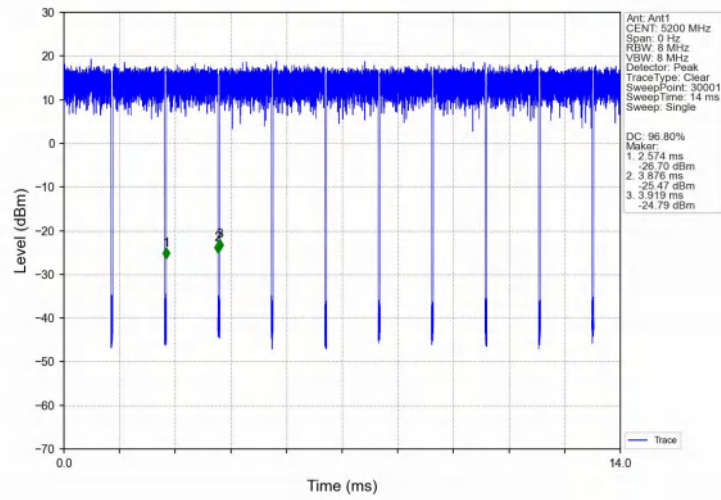
802.11a_HCH_5825MHz_Ant1_NTNV



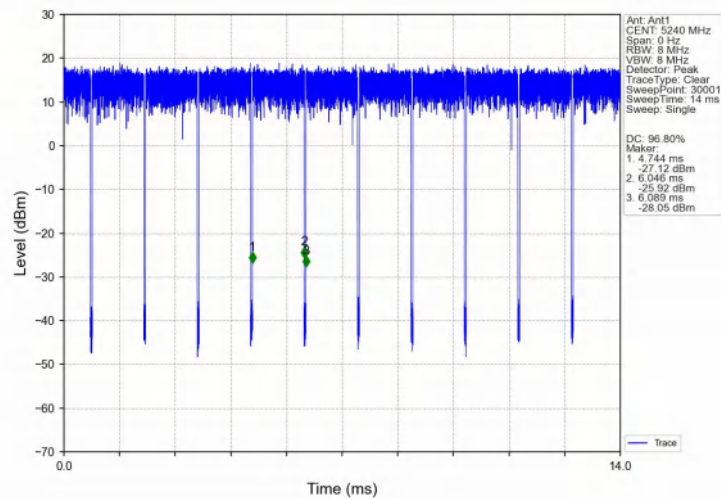
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



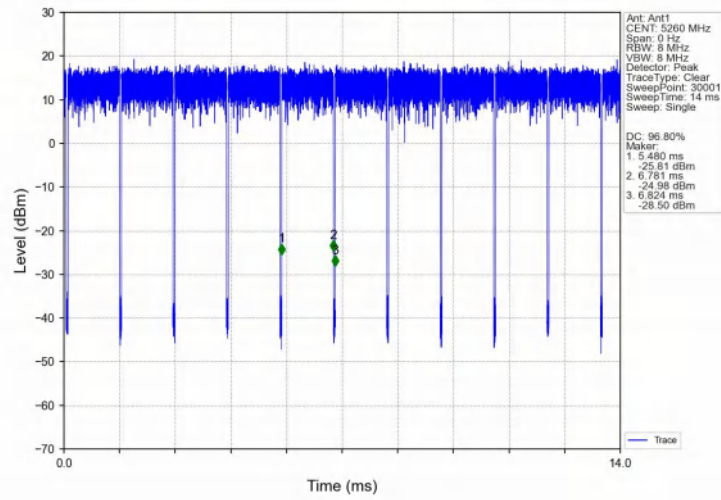
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



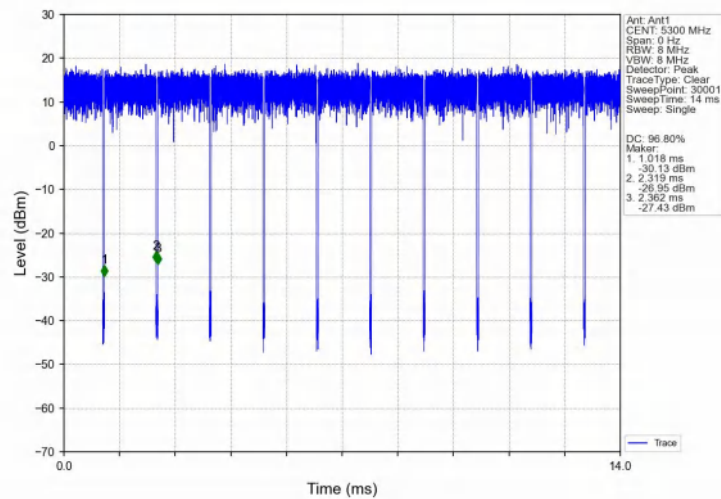
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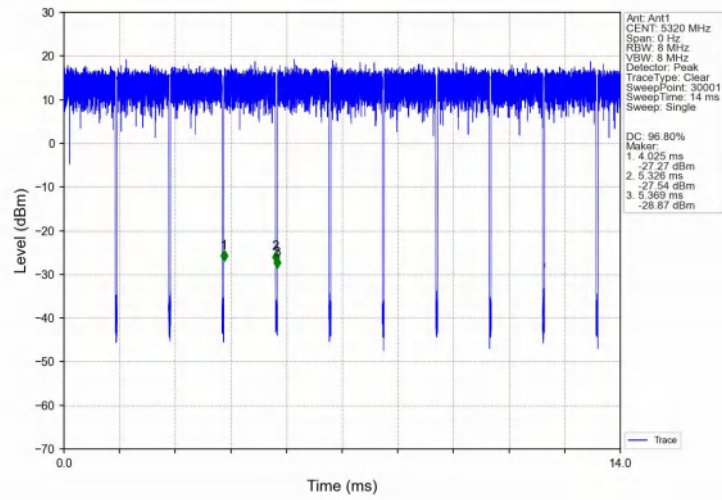
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



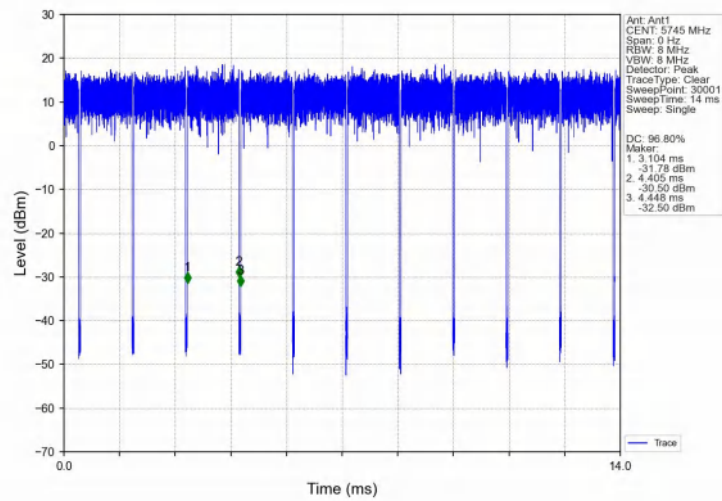
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



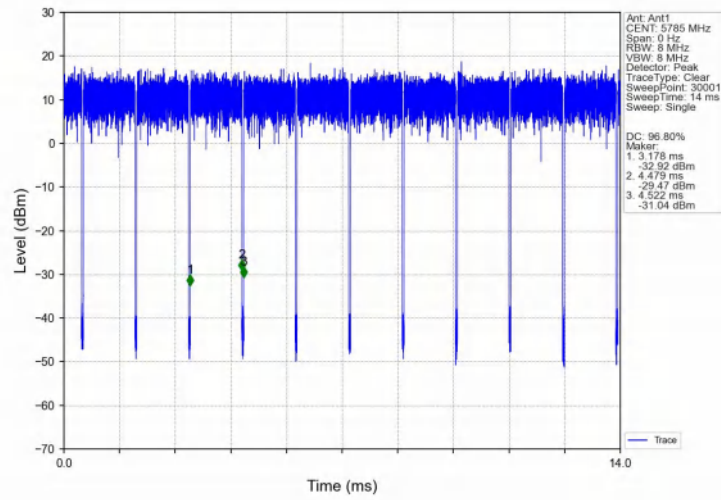
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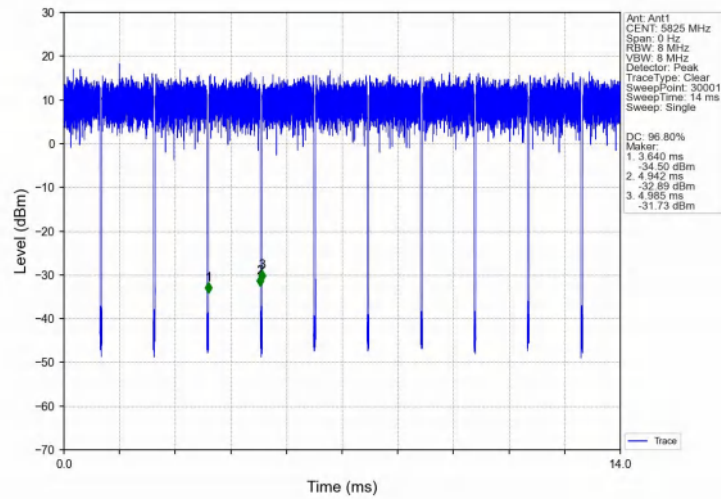
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



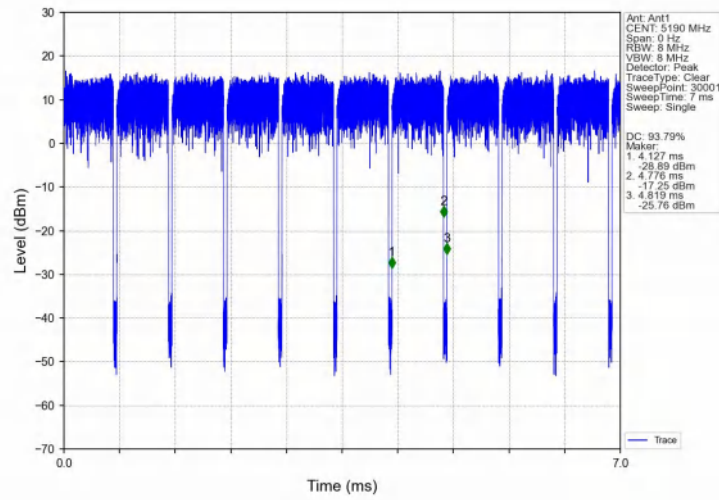
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



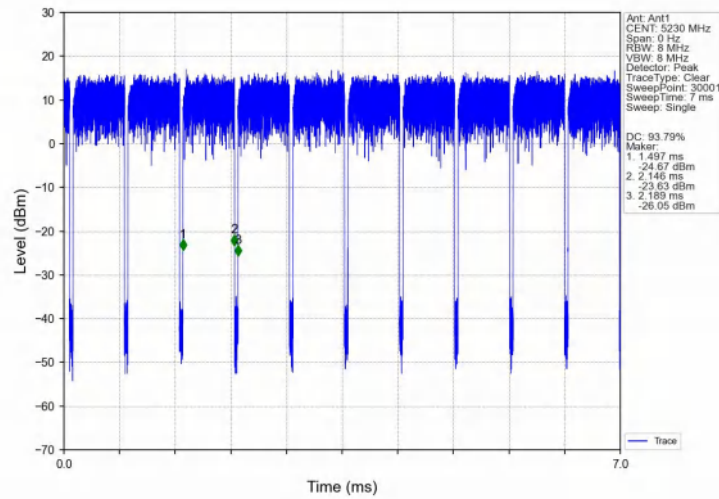
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



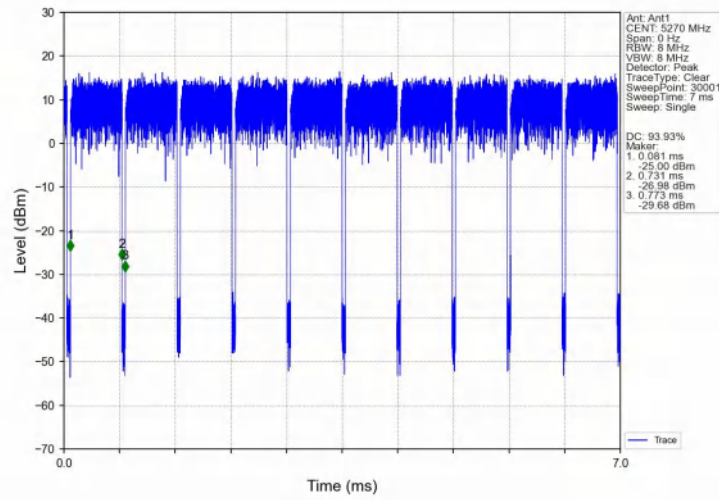
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



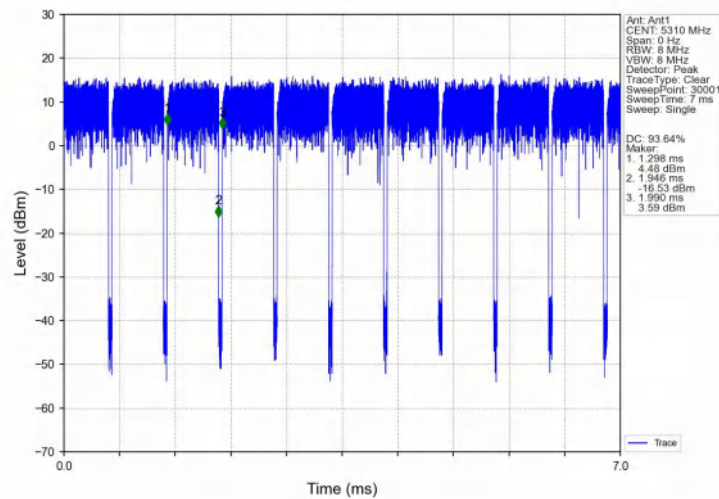
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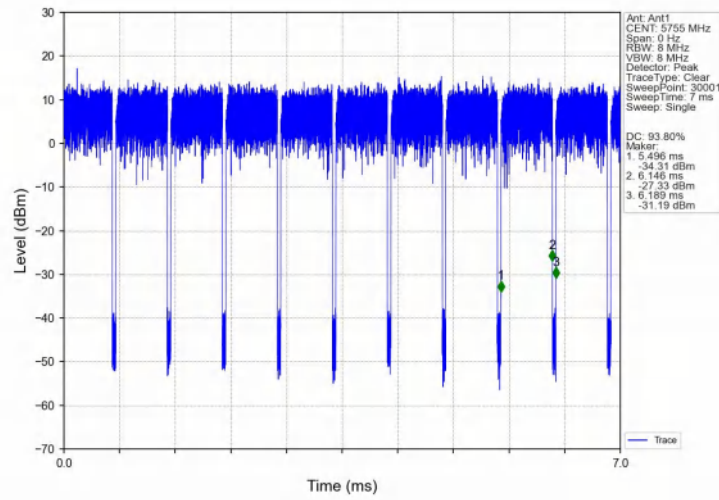
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



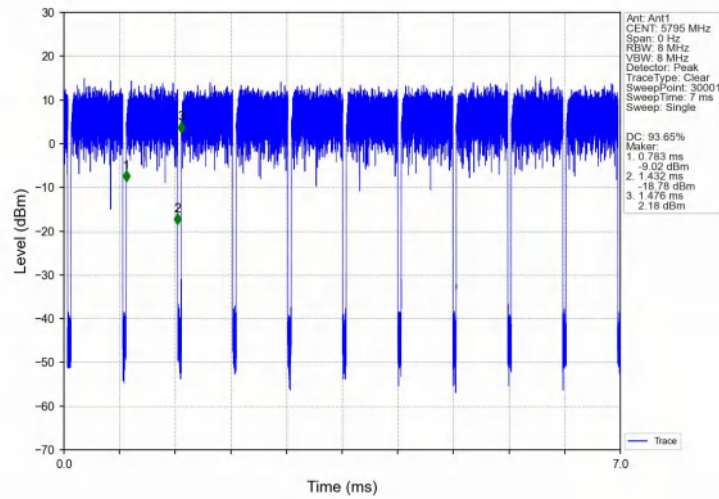
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



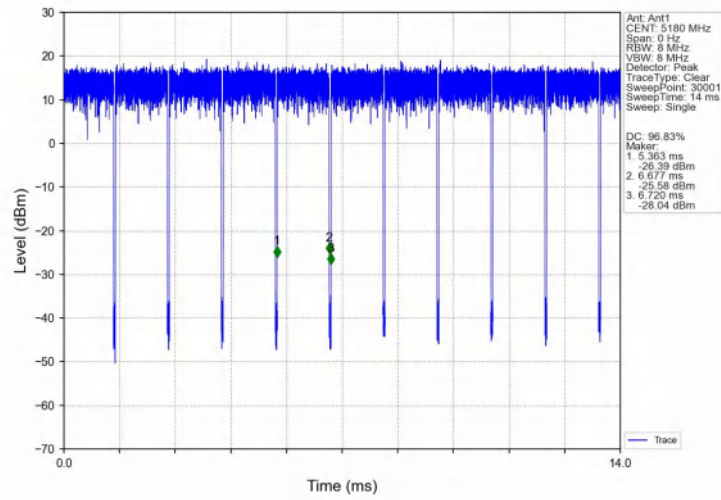
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



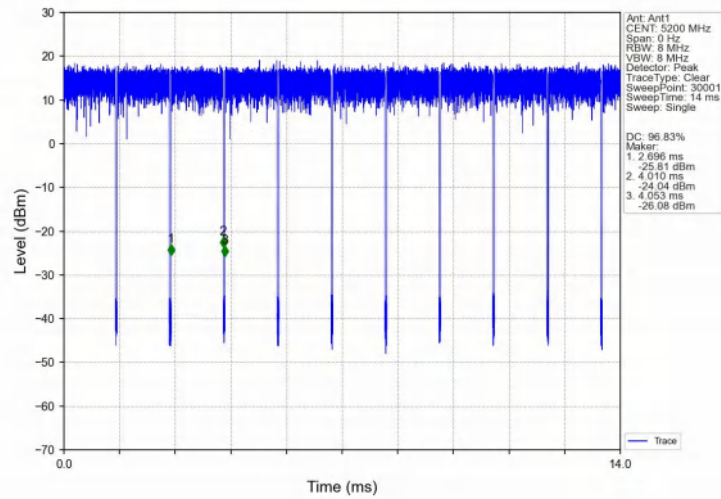
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



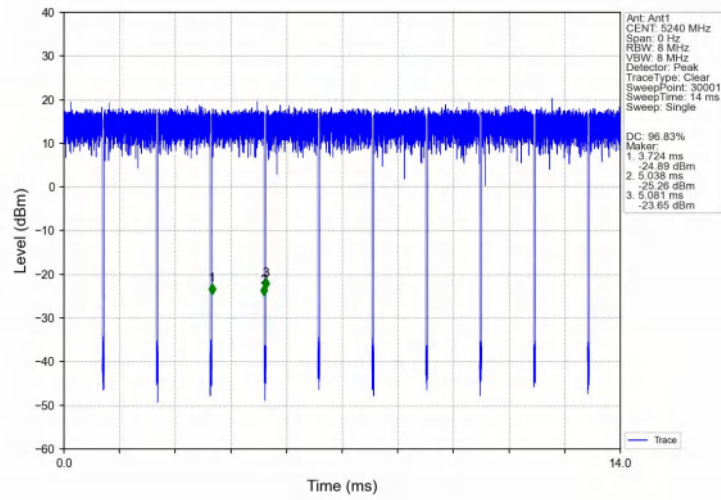
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



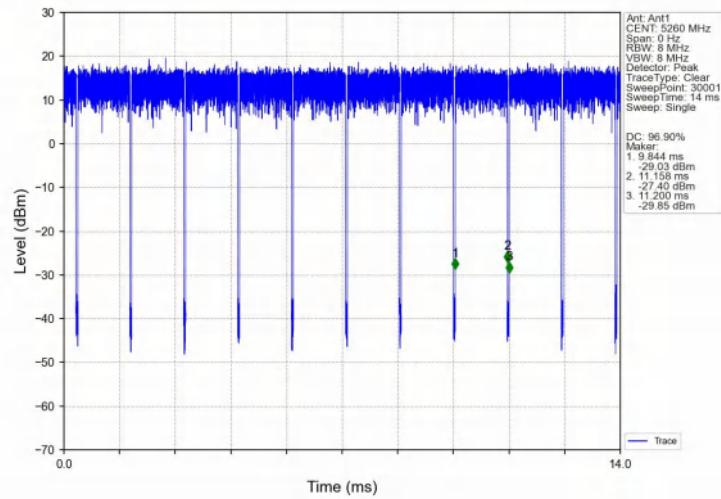
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



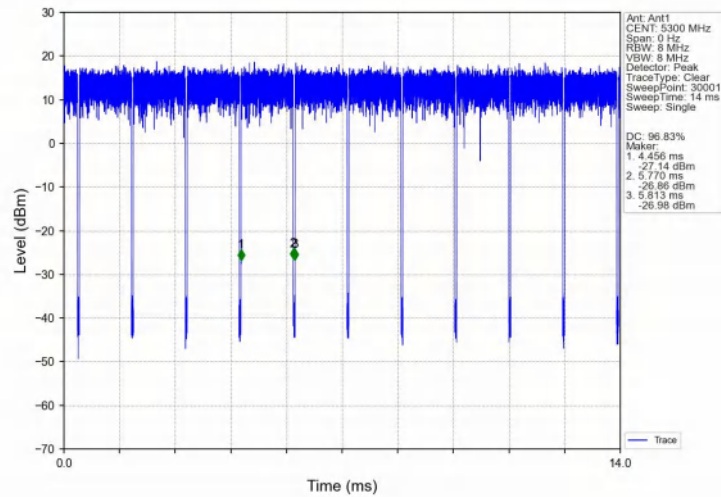
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



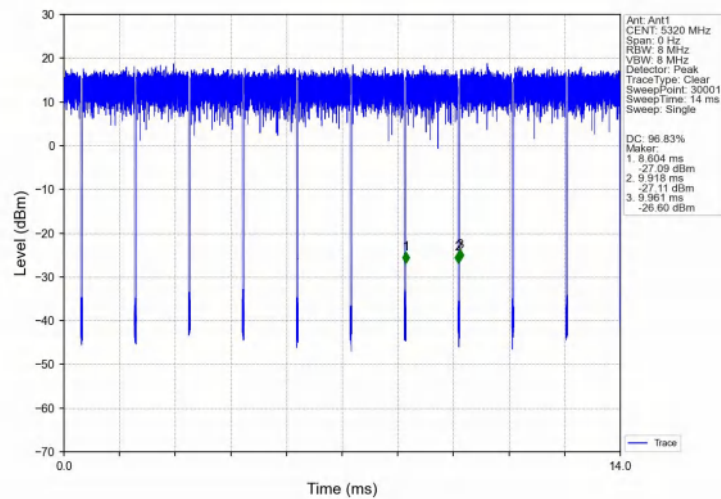
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



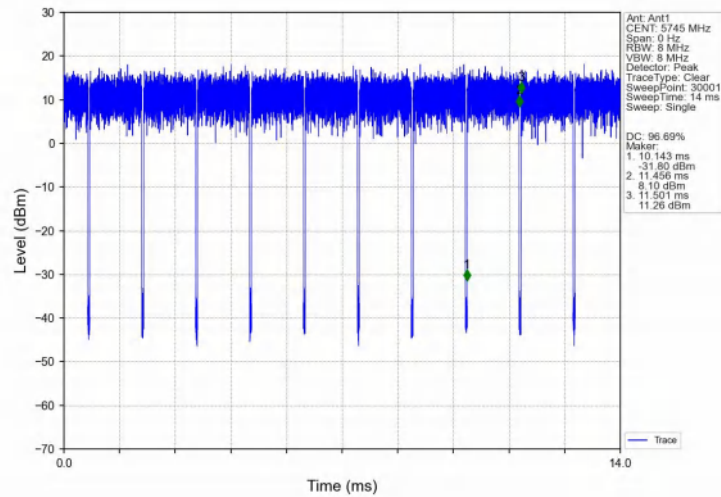
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



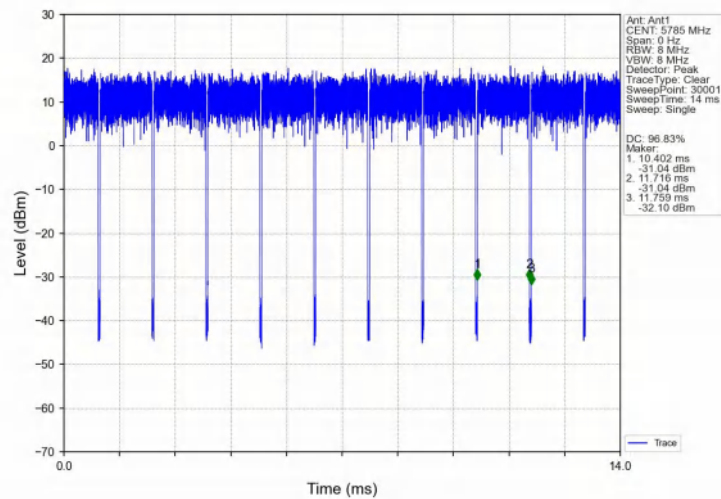
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



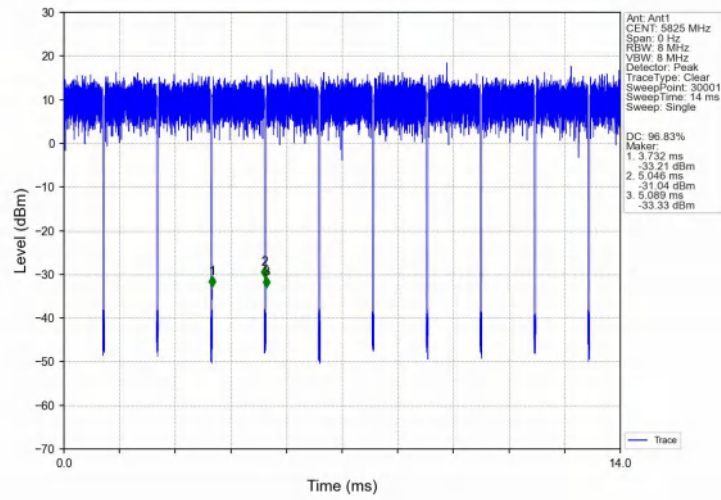
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



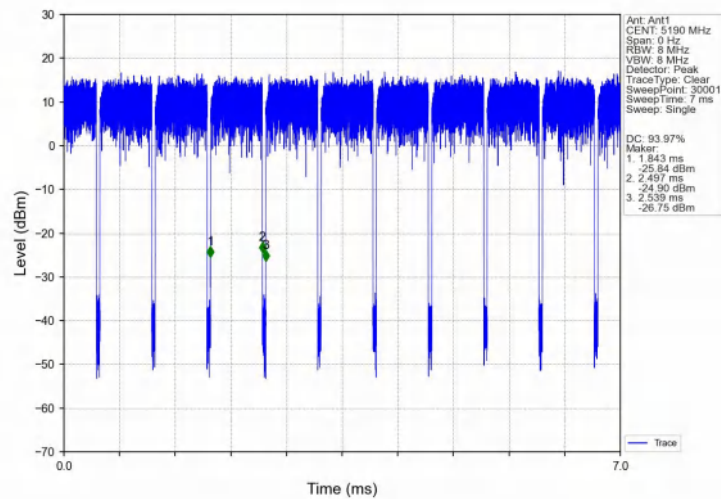
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



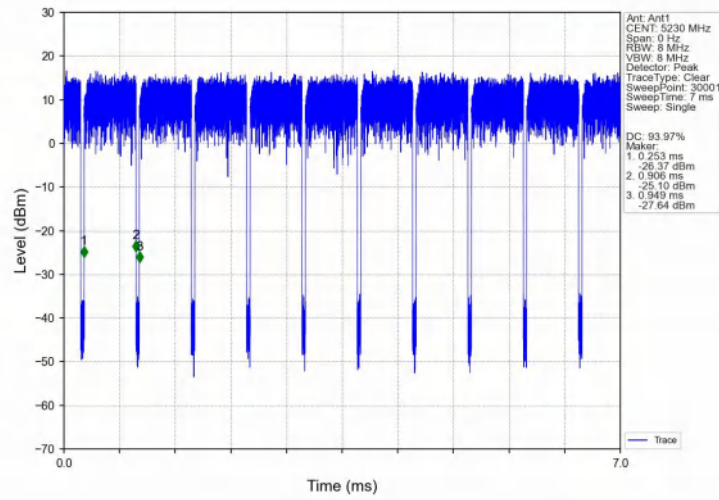
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



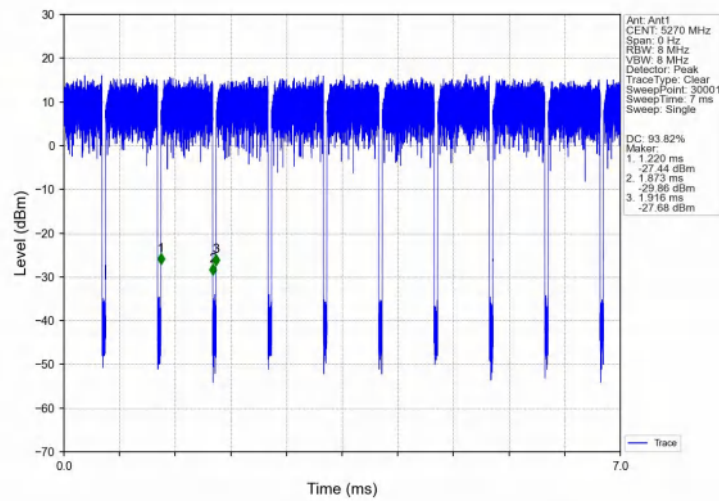
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



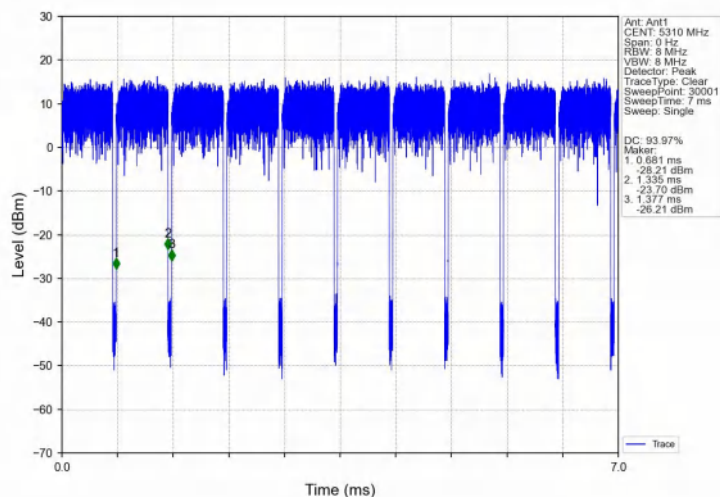
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



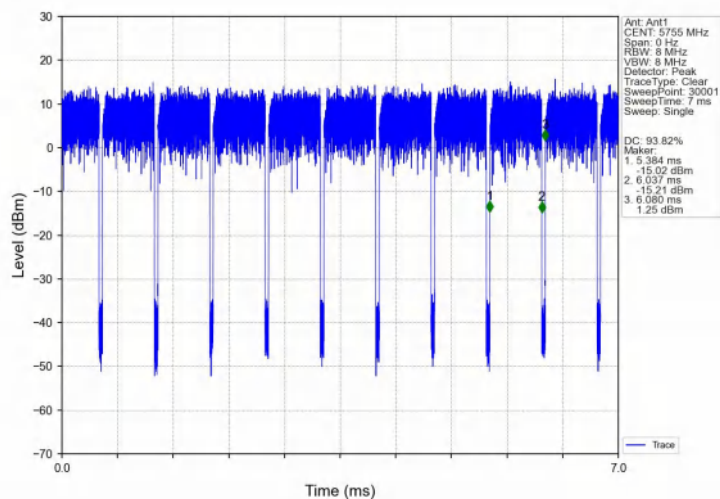
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



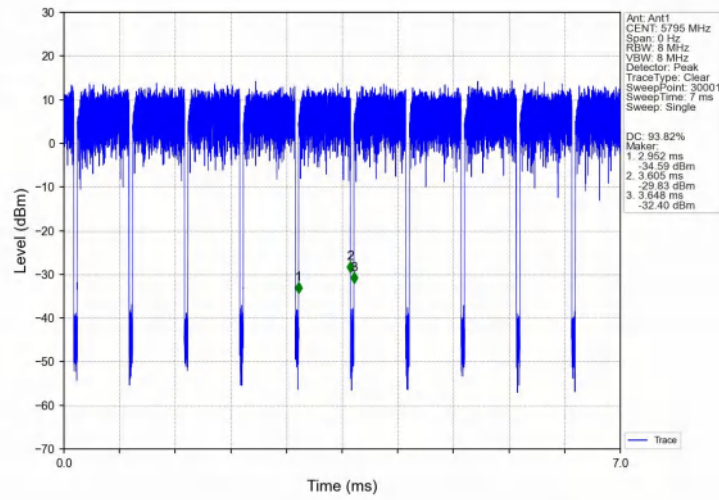
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



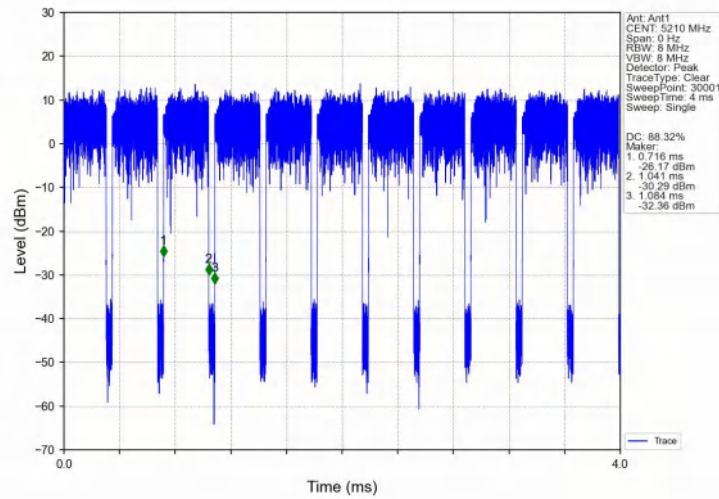
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



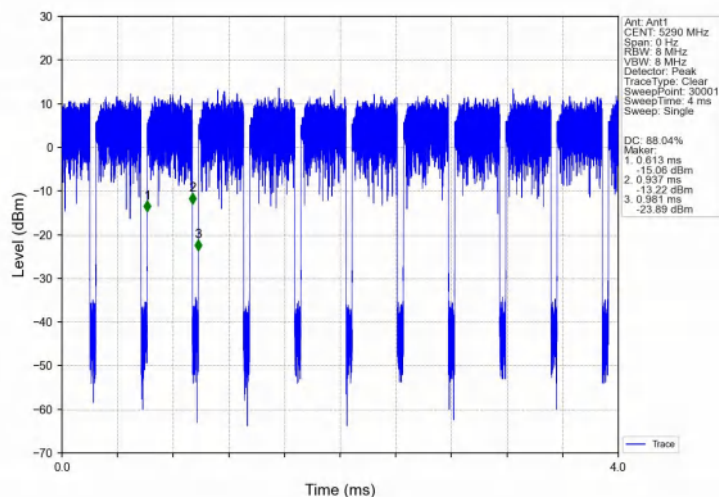
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



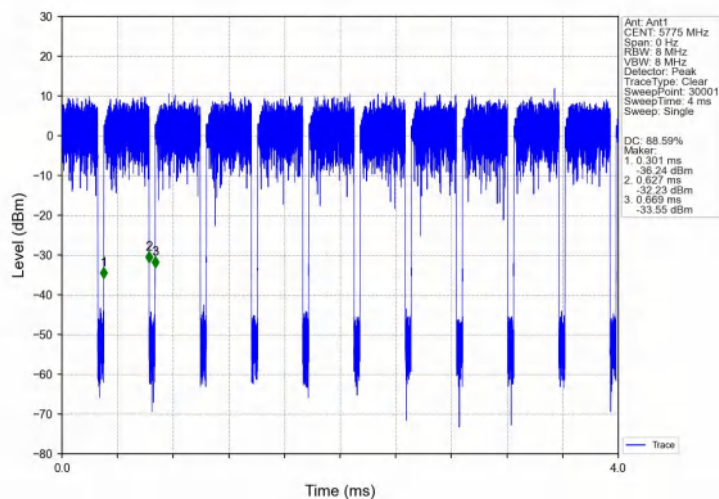
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_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	20.424	/	Pass
		5200	1	19.429	/	Pass
		5240	1	20.561	/	Pass
		5260	1	18.425	/	Pass
		5300	1	19.101	/	Pass
		5320	1	19.832	/	Pass
		5745	1	17.448	/	Pass
		5785	1	17.425	/	Pass
802.11n (HT20)	SISO	5825	1	17.464	/	Pass
		5180	1	22.628	/	Pass
		5200	1	23.615	/	Pass
		5240	1	22.536	/	Pass
		5260	1	20.709	/	Pass
		5300	1	20.739	/	Pass
		5320	1	19.617	/	Pass
		5745	1	18.395	/	Pass
802.11n (HT40)	SISO	5785	1	18.377	/	Pass
		5825	1	18.335	/	Pass
		5190	1	41.074	/	Pass
		5230	1	41.249	/	Pass
		5270	1	38.348	/	Pass
		5310	1	38.012	/	Pass
802.11ac (VHT20)	SISO	5755	1	36.626	/	Pass
		5795	1	36.586	/	Pass
		5180	1	23.975	/	Pass
		5200	1	23.063	/	Pass
		5240	1	22.140	/	Pass
		5260	1	20.012	/	Pass
		5300	1	20.443	/	Pass
		5320	1	19.718	/	Pass
802.11ac (VHT40)	SISO	5745	1	18.304	/	Pass
		5785	1	18.226	/	Pass
		5825	1	18.217	/	Pass
		5190	1	40.766	/	Pass
		5230	1	41.052	/	Pass
		5270	1	37.885	/	Pass
802.11ac (VHT80)	SISO	5310	1	37.678	/	Pass
		5755	1	36.429	/	Pass
		5795	1	36.397	/	Pass
		5210	1	84.670	/	Pass
		5290	1	77.527	/	Pass
802.11ac (VHT80)	SISO	5775	1	158.427	/	Pass

2.1.2 6dB BW

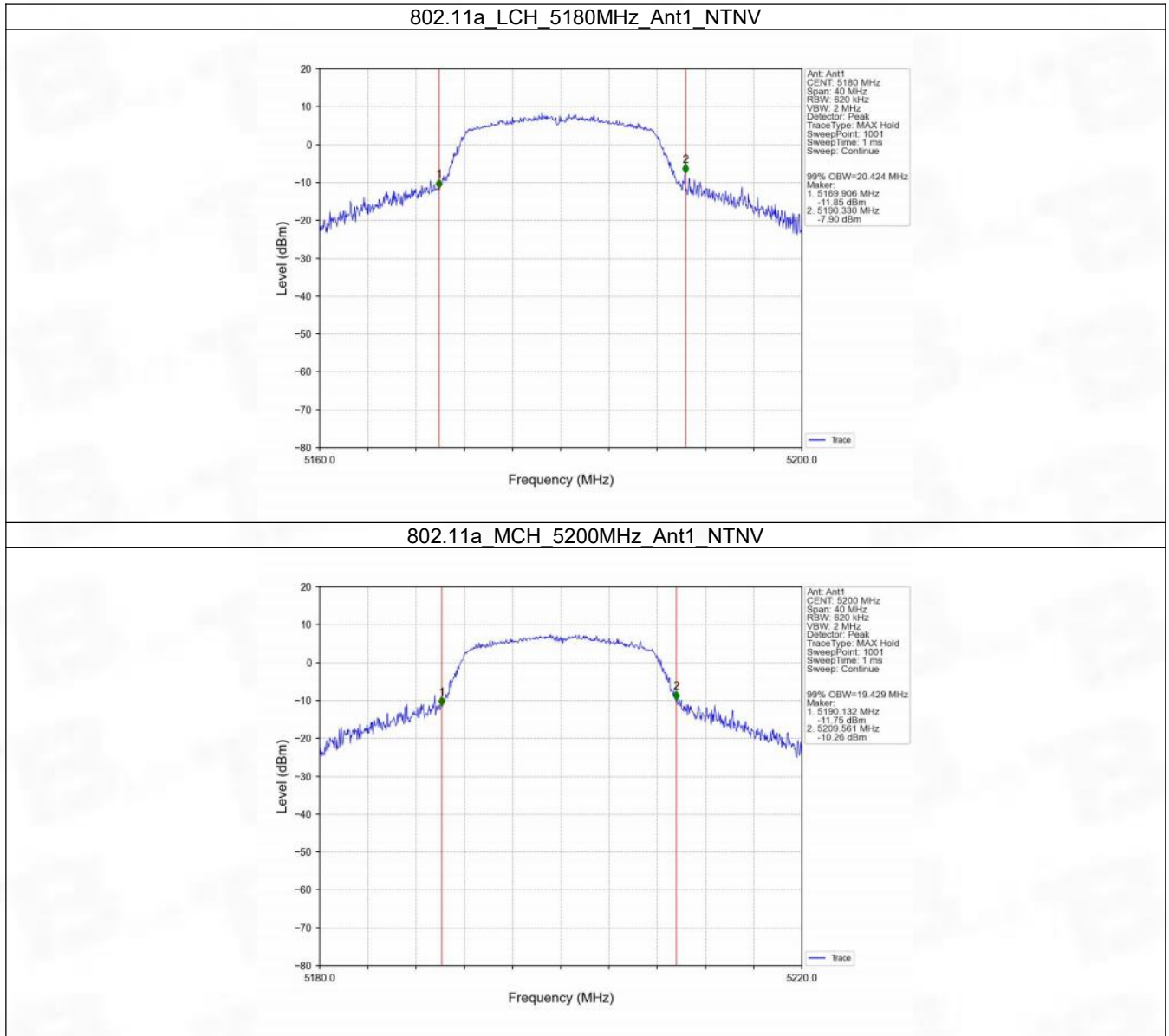
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.708	≥ 0.5	Pass
		5785	1	15.353	≥ 0.5	Pass
		5825	1	15.160	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	15.480	≥ 0.5	Pass
		5785	1	15.482	≥ 0.5	Pass
		5825	1	15.128	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	35.151	≥ 0.5	Pass
		5795	1	35.141	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	15.447	≥ 0.5	Pass
		5785	1	15.159	≥ 0.5	Pass
		5825	1	15.167	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	35.154	≥ 0.5	Pass
		5795	1	35.134	≥ 0.5	Pass
802.11ac (VHT80)	SISO	5775	1	75.119	≥ 0.5	Pass

2.1.3 26dB BW

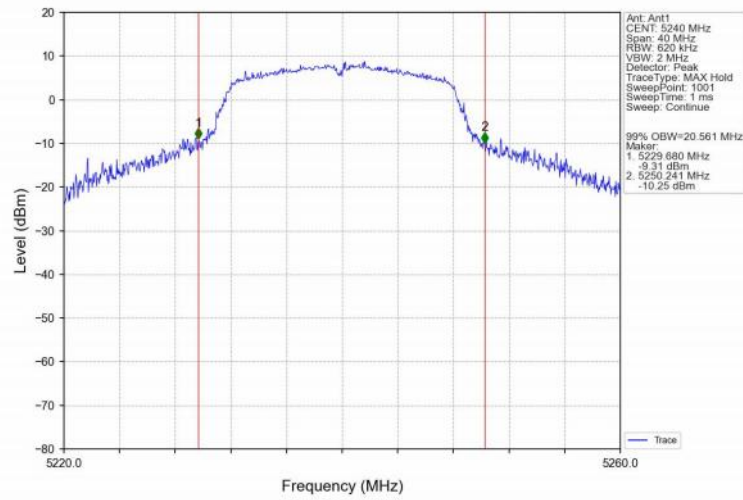
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	31.296	/	Pass
		5200	1	28.841	/	Pass
		5240	1	32.531	/	Pass
		5260	1	29.745	/	Pass
		5300	1	28.401	/	Pass
		5320	1	31.735	/	Pass
802.11n (HT20)	SISO	5180	1	36.680	/	Pass
		5200	1	35.505	/	Pass
		5240	1	33.216	/	Pass
		5260	1	32.675	/	Pass
		5300	1	31.563	/	Pass
		5320	1	32.477	/	Pass
802.11n (HT40)	SISO	5190	1	77.795	/	Pass
		5230	1	75.834	/	Pass
		5270	1	68.975	/	Pass
		5310	1	71.681	/	Pass
802.11ac (VHT20)	SISO	5180	1	35.560	/	Pass
		5200	1	35.911	/	Pass
		5240	1	35.896	/	Pass
		5260	1	30.461	/	Pass
		5300	1	31.632	/	Pass
		5320	1	30.962	/	Pass
802.11ac (VHT40)	SISO	5190	1	76.840	/	Pass
		5230	1	76.646	/	Pass
		5270	1	66.805	/	Pass
		5310	1	65.127	/	Pass
802.11ac (VHT80)	SISO	5210	1	159.753	/	Pass
		5290	1	148.438	/	Pass

2.2 Test Graph

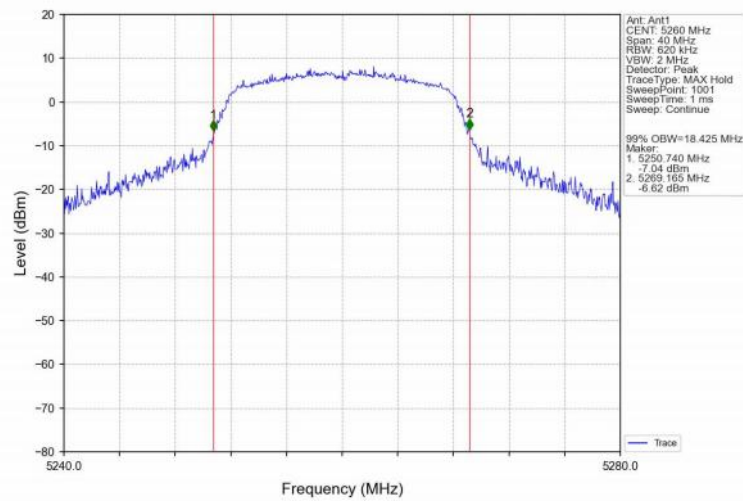
2.2.1 OBW



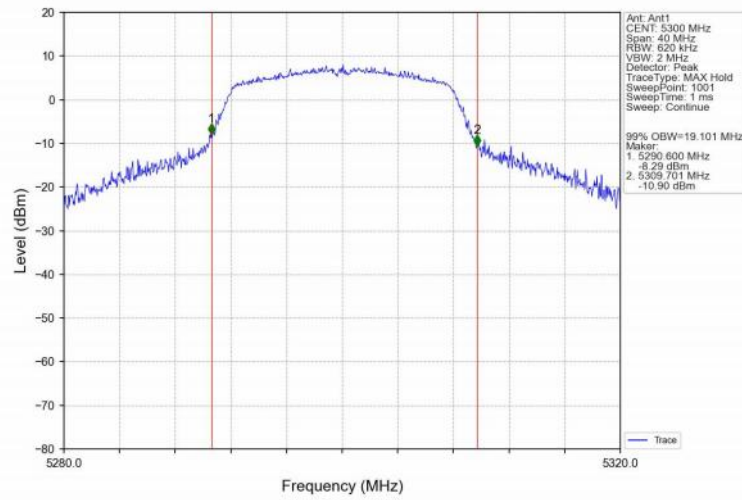
802.11a_HCH_5240MHz_Ant1_NTNV



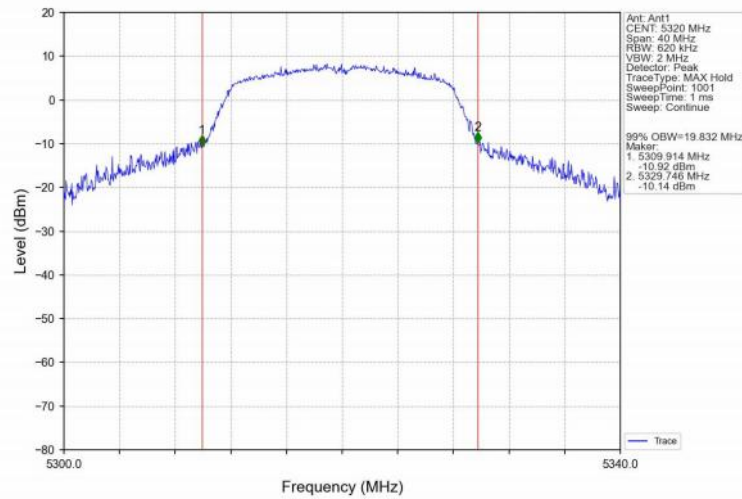
802.11a_LCH_5260MHz_Ant1_NTNV



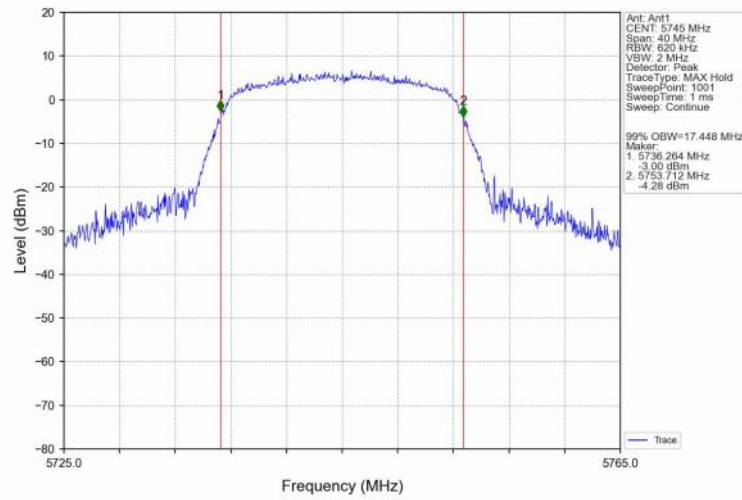
802.11a_MCH_5300MHz_Ant1_NTNV



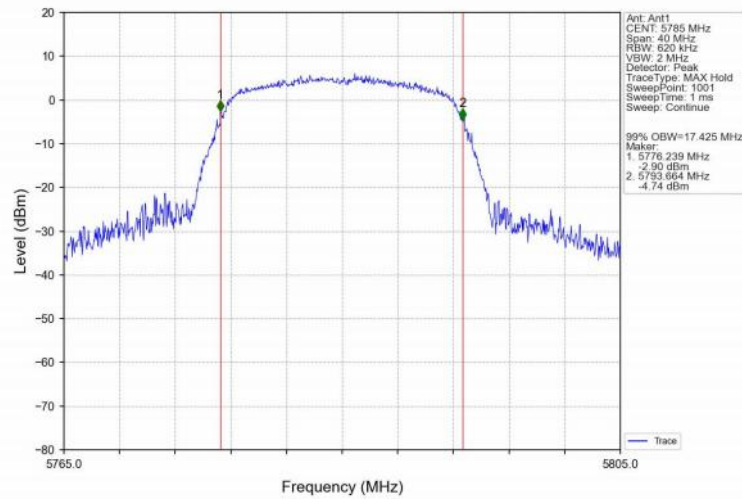
802.11a_HCH_5320MHz_Ant1_NTNV



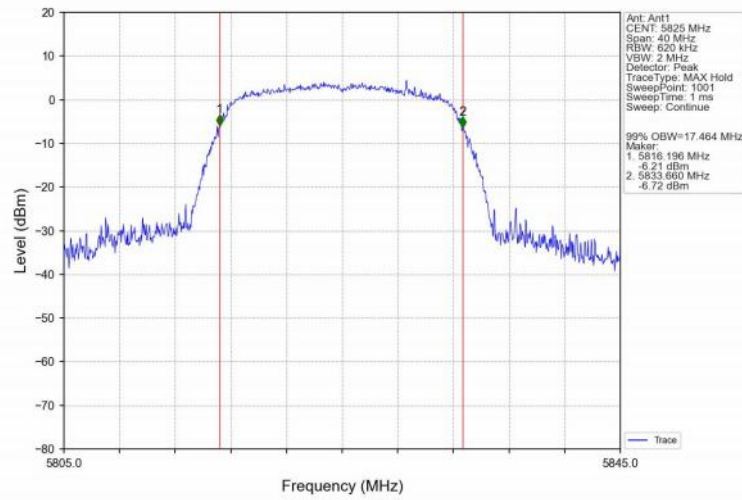
802.11a_LCH_5745MHz_Ant1_NTNV



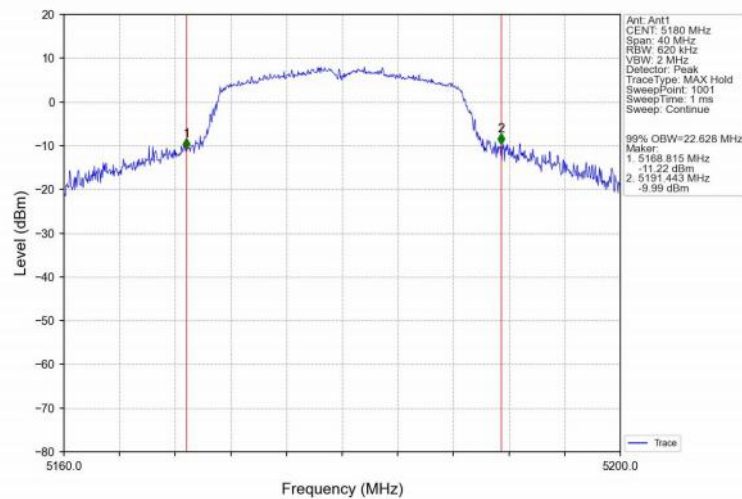
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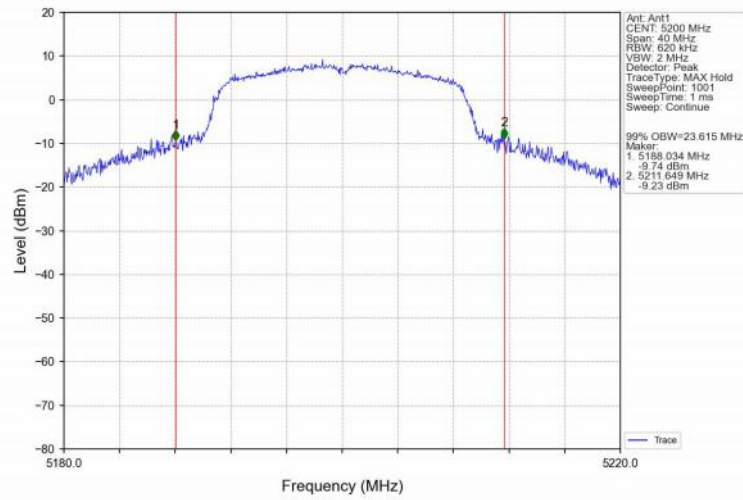
802.11a_HCH_5825MHz_Ant1_NTNV



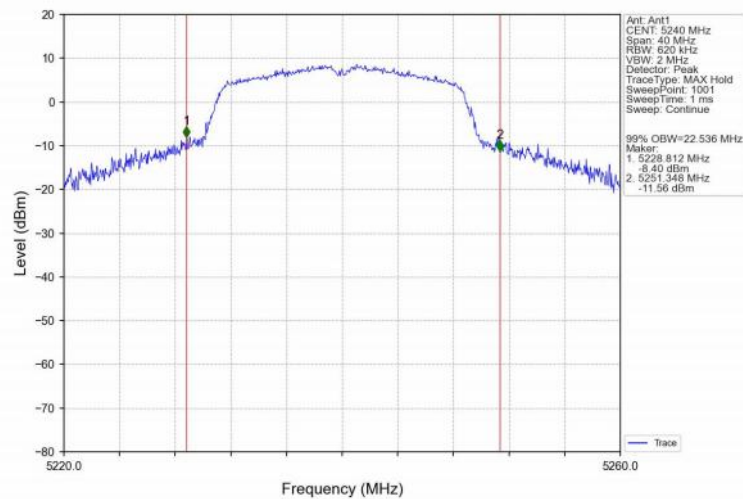
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



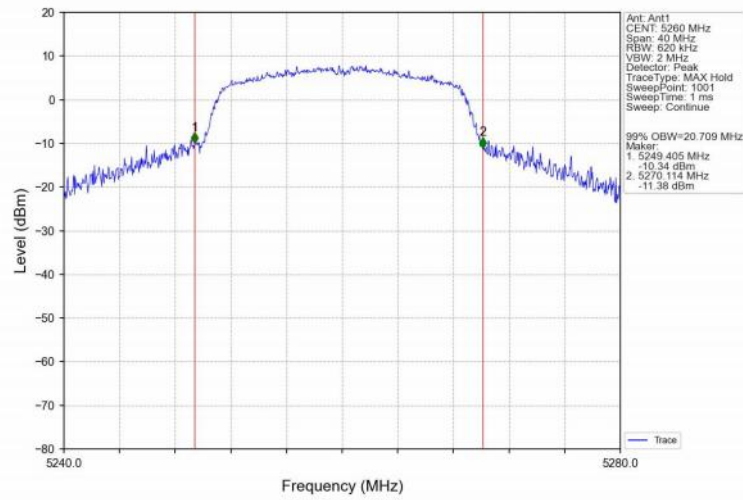
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



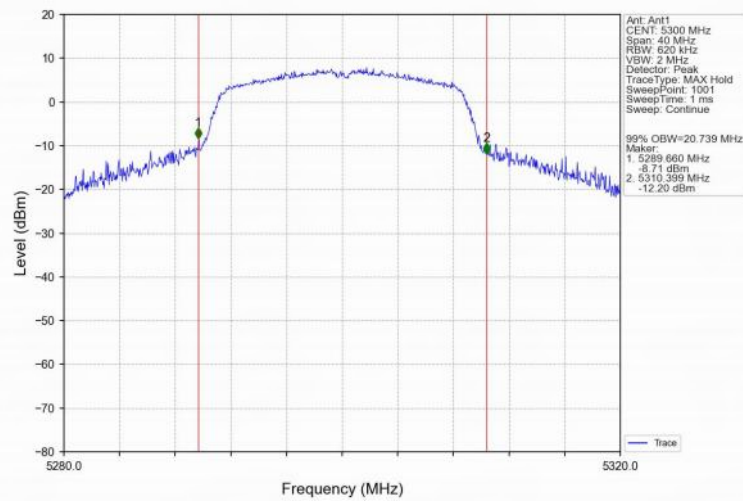
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



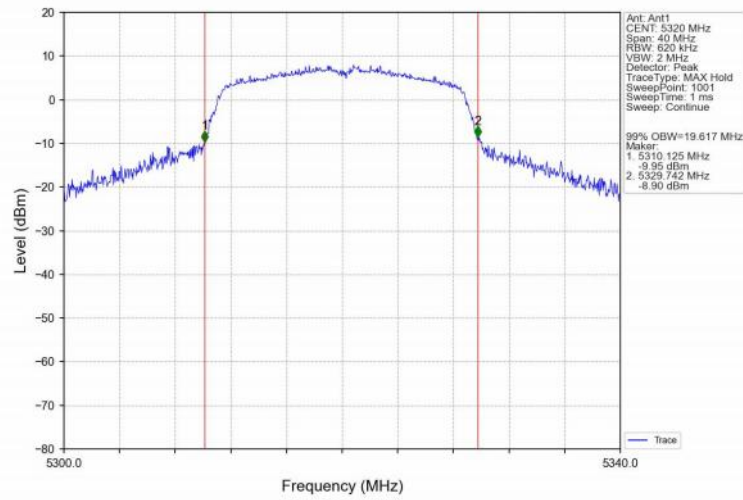
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



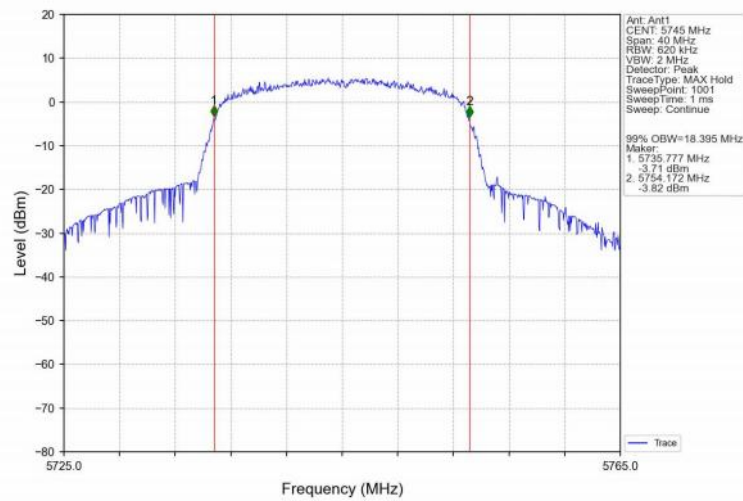
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



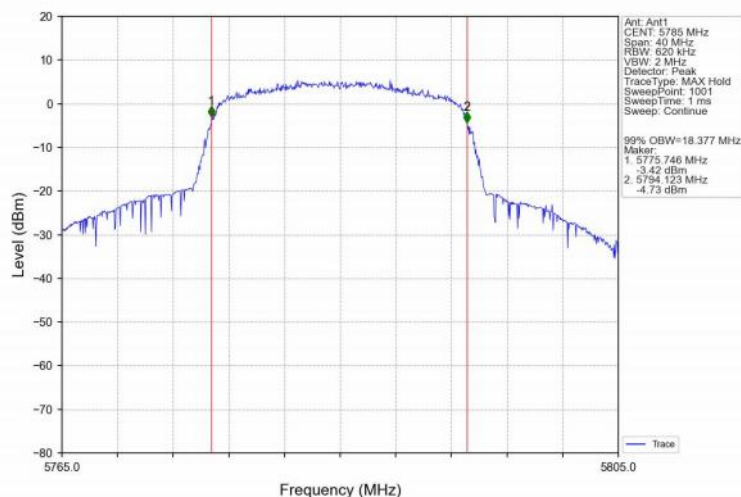
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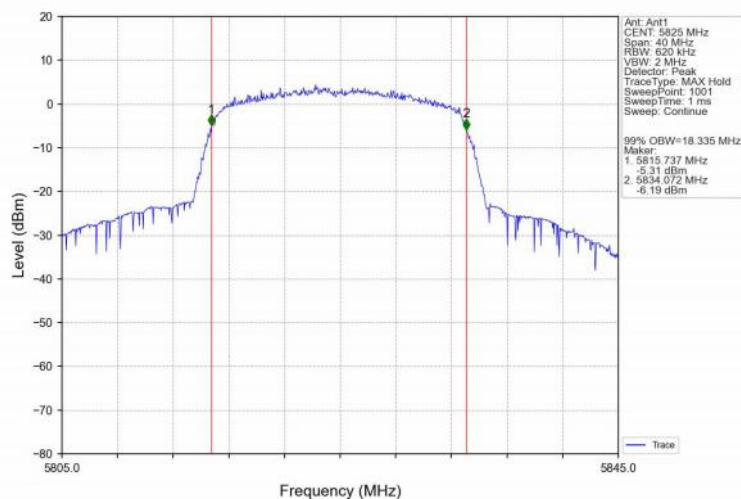
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



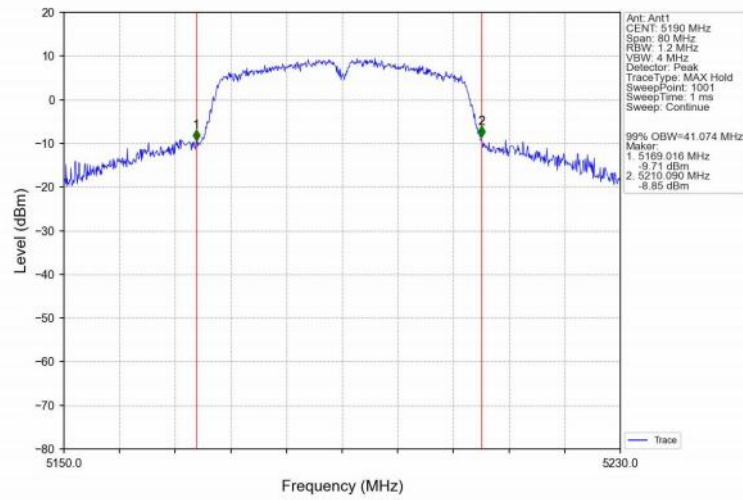
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



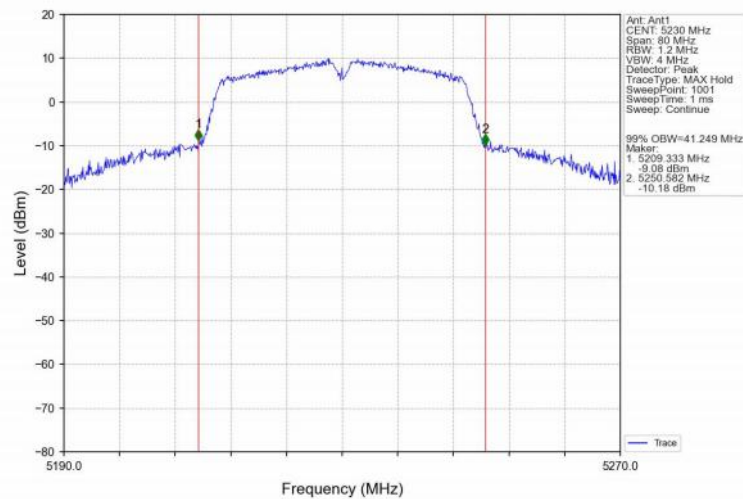
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



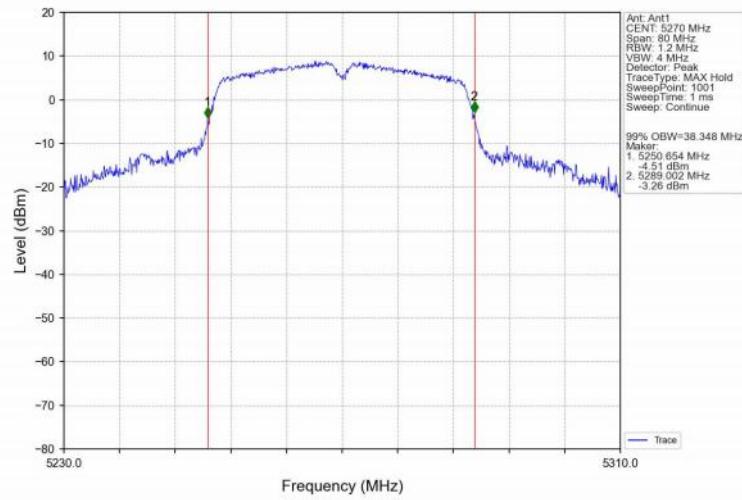
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



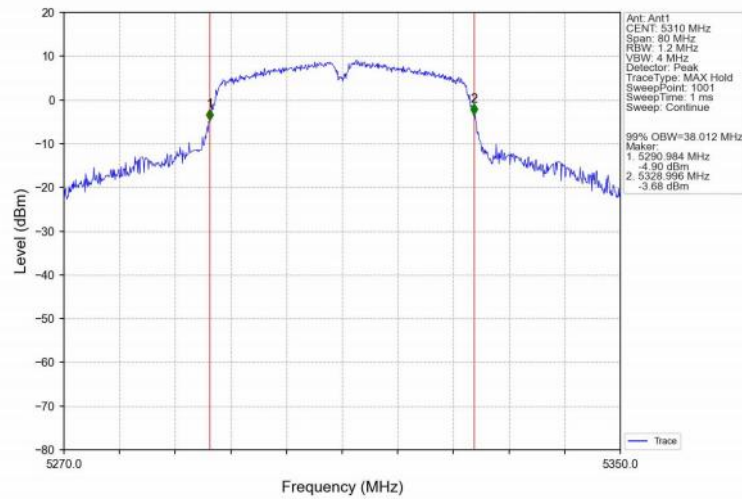
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



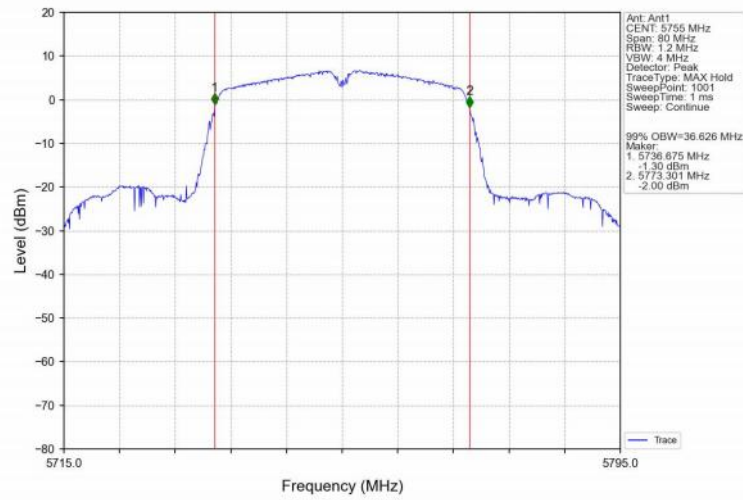
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



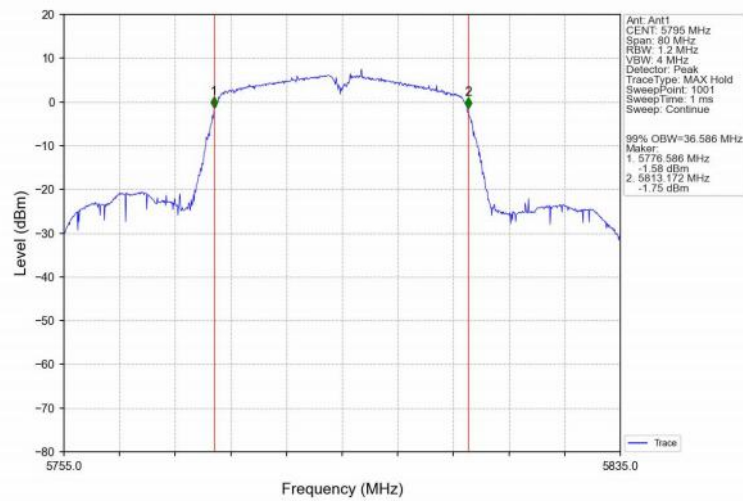
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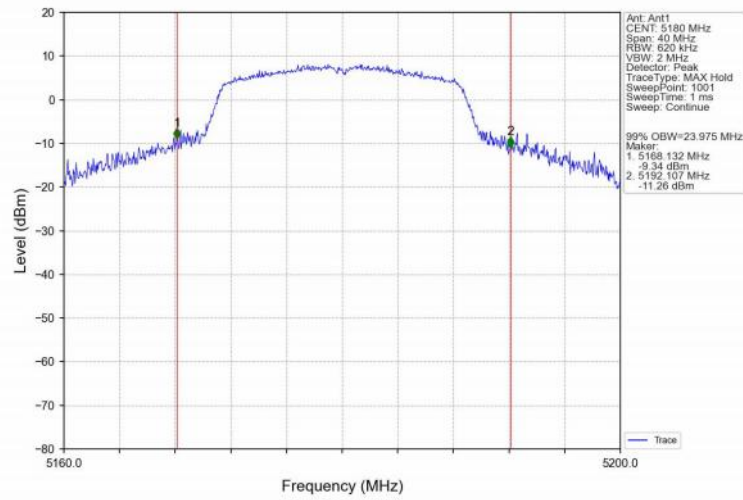
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



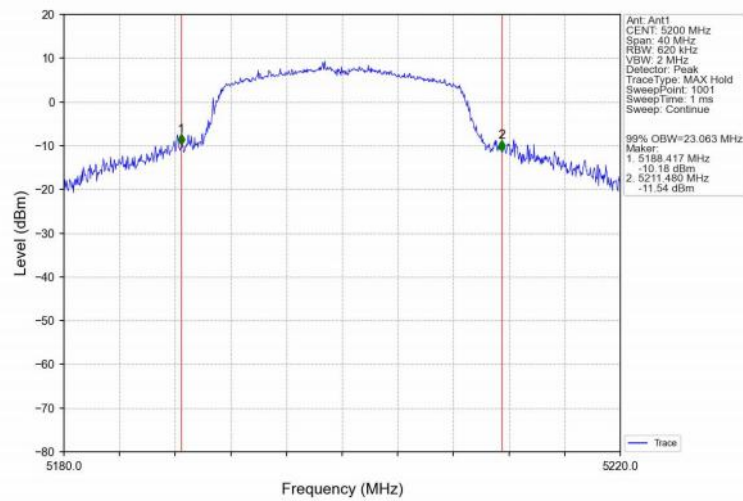
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



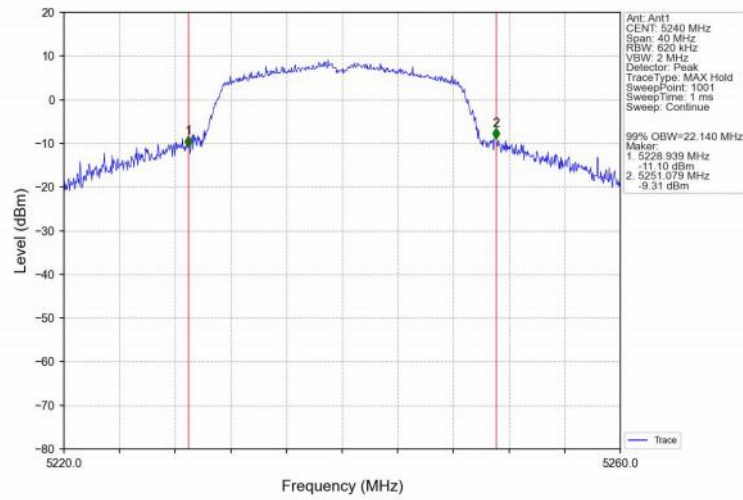
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



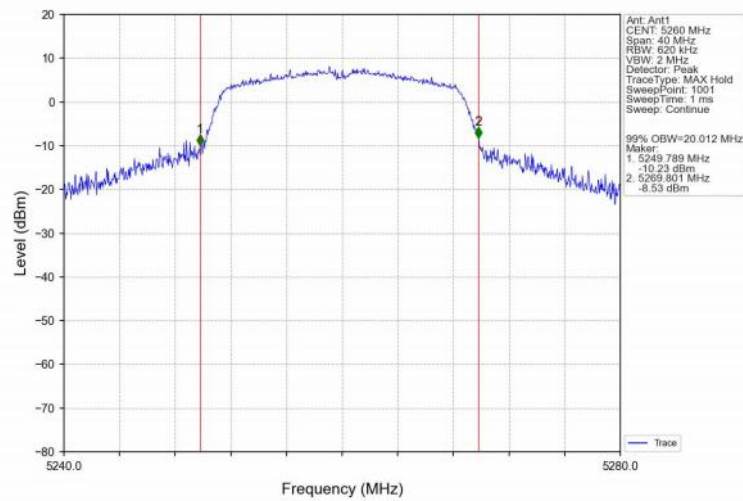
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



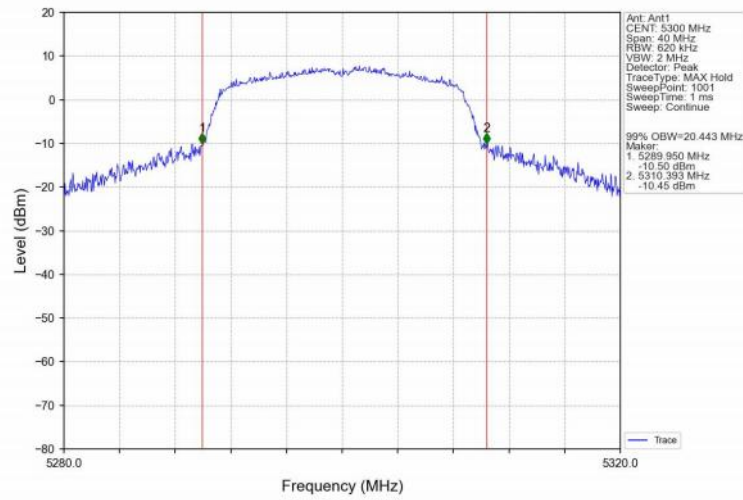
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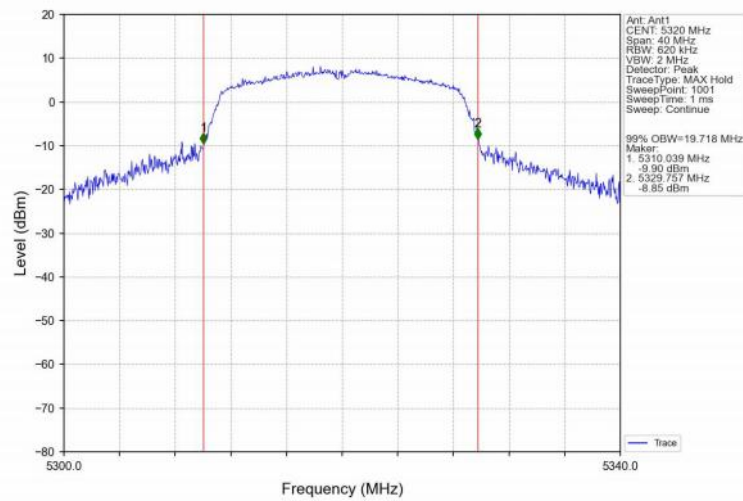
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



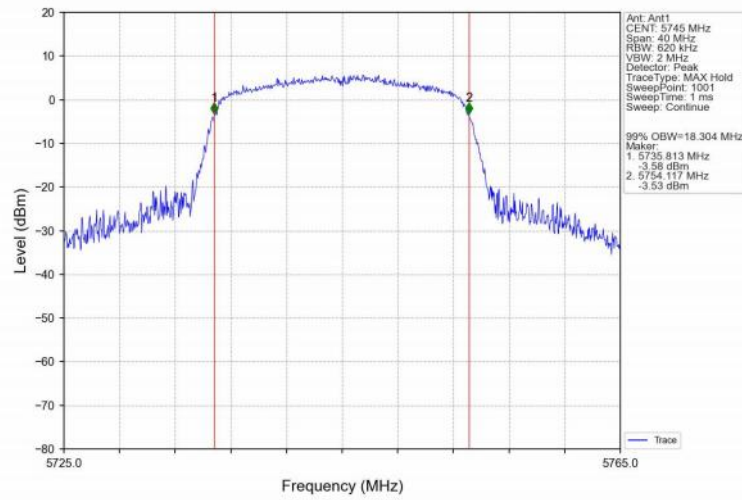
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



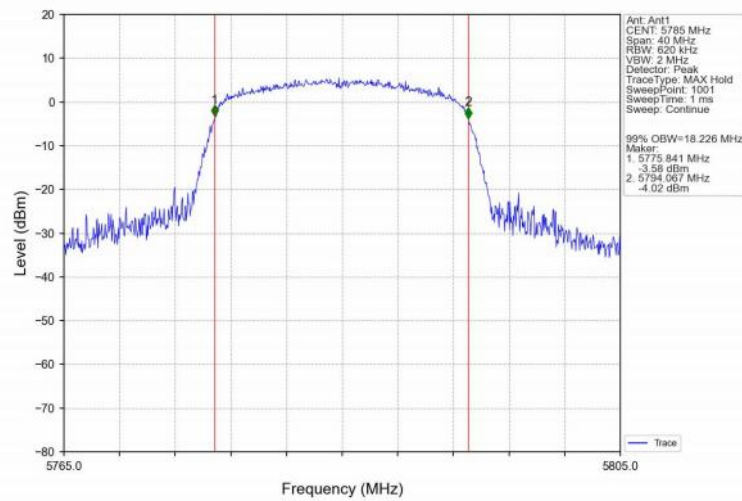
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



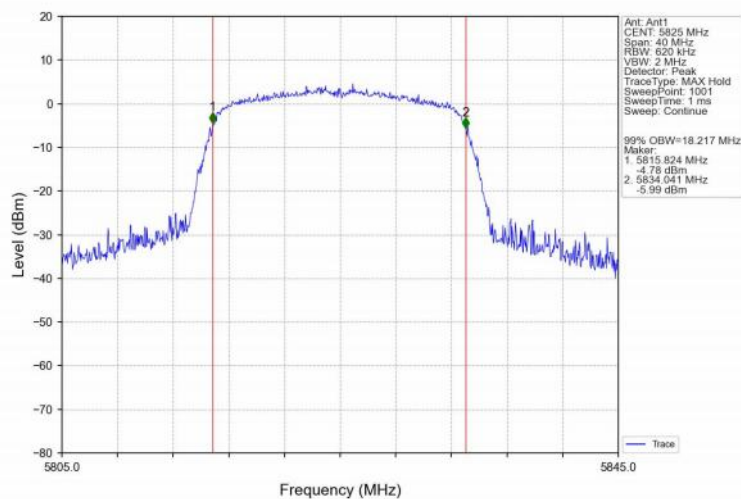
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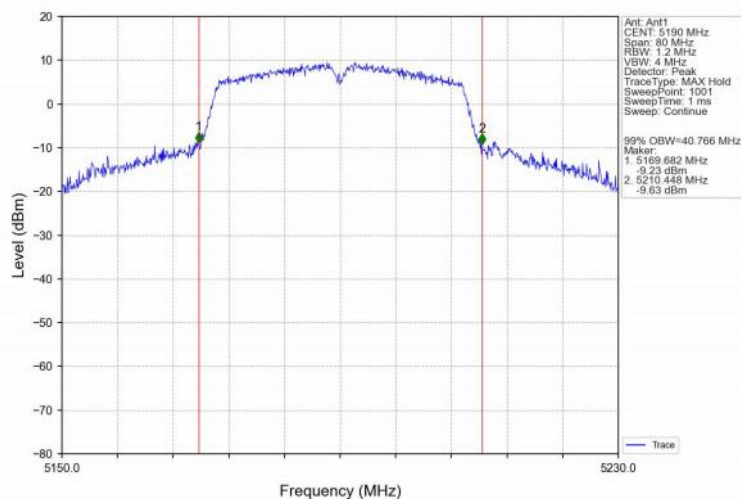
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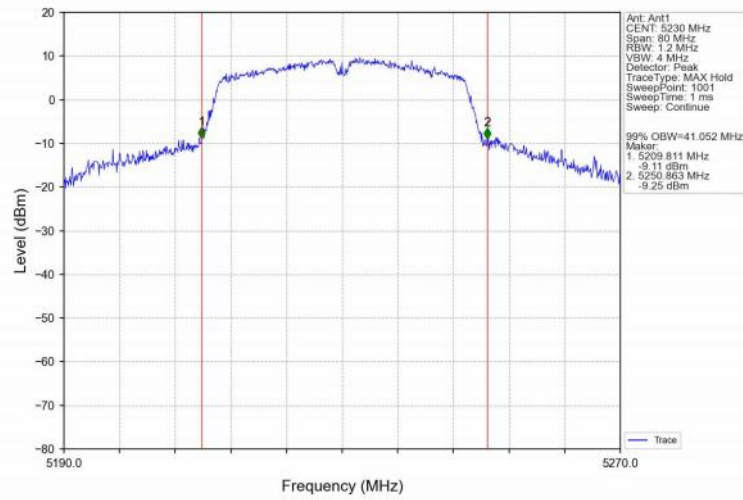
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



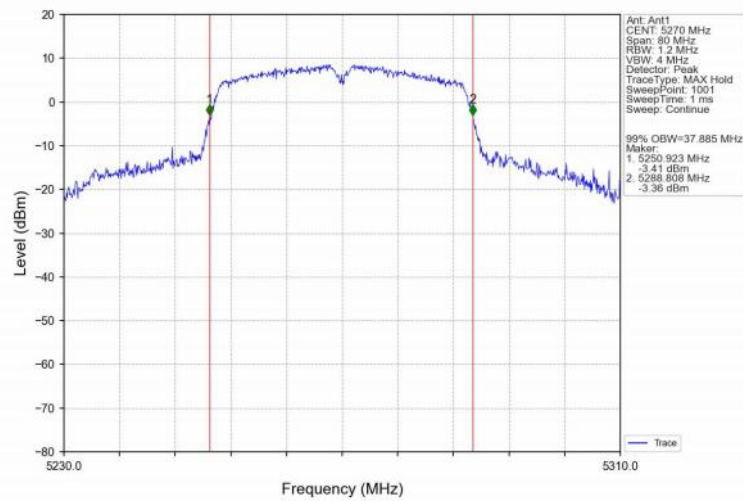
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



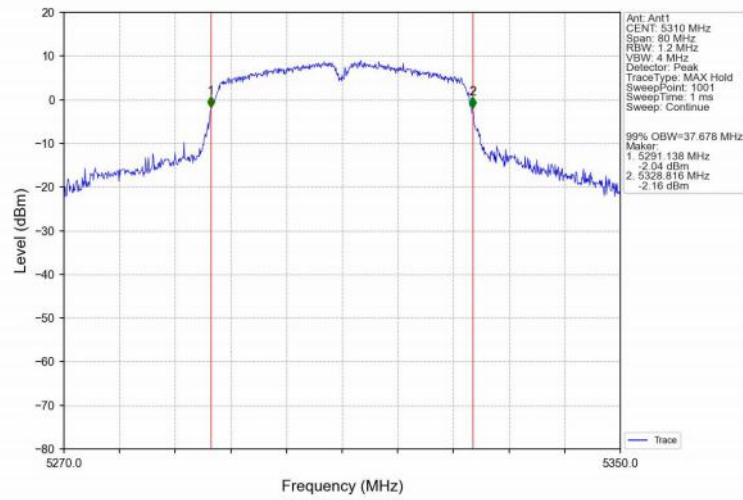
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



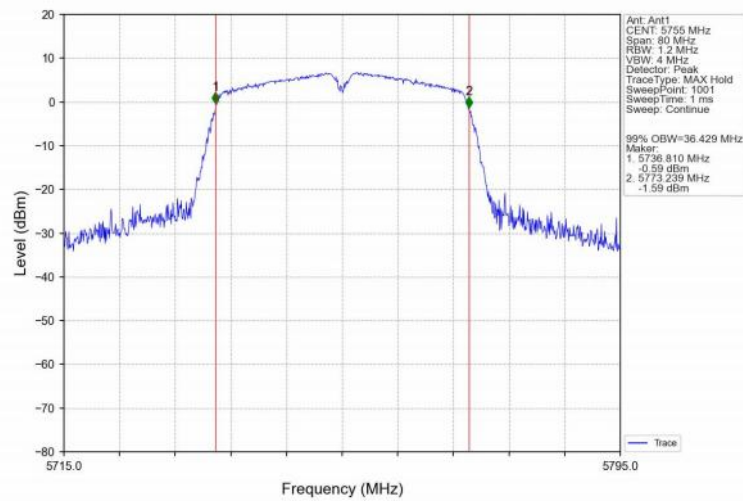
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



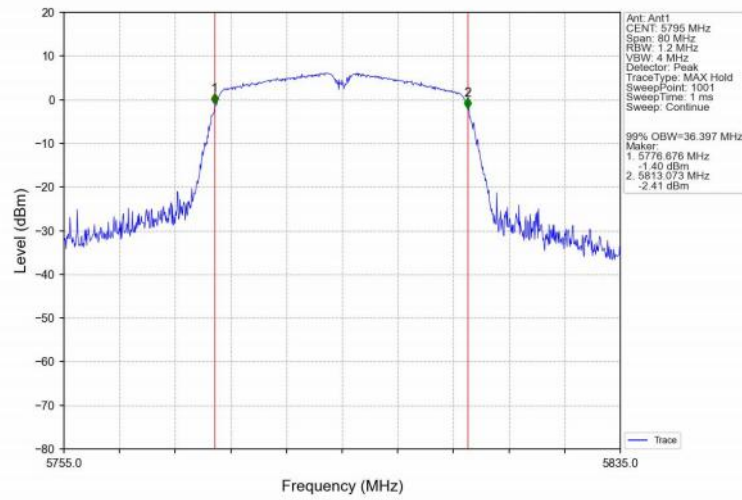
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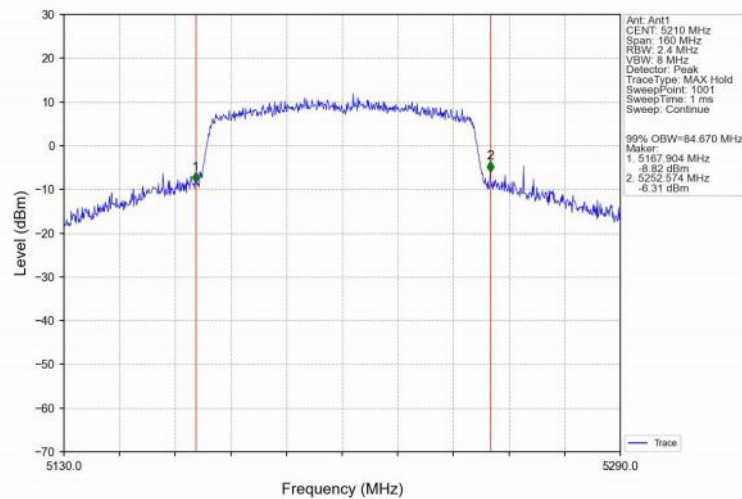
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



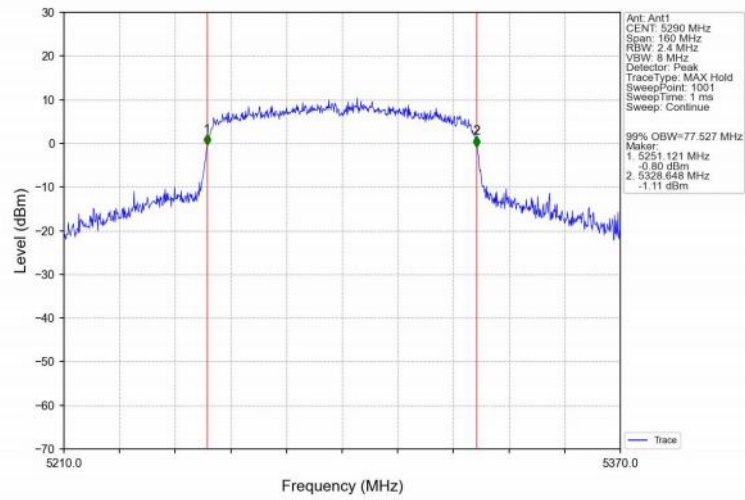
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



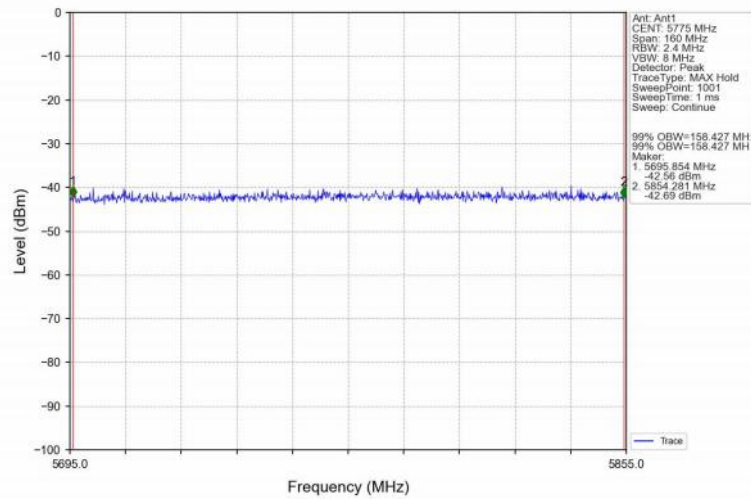
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



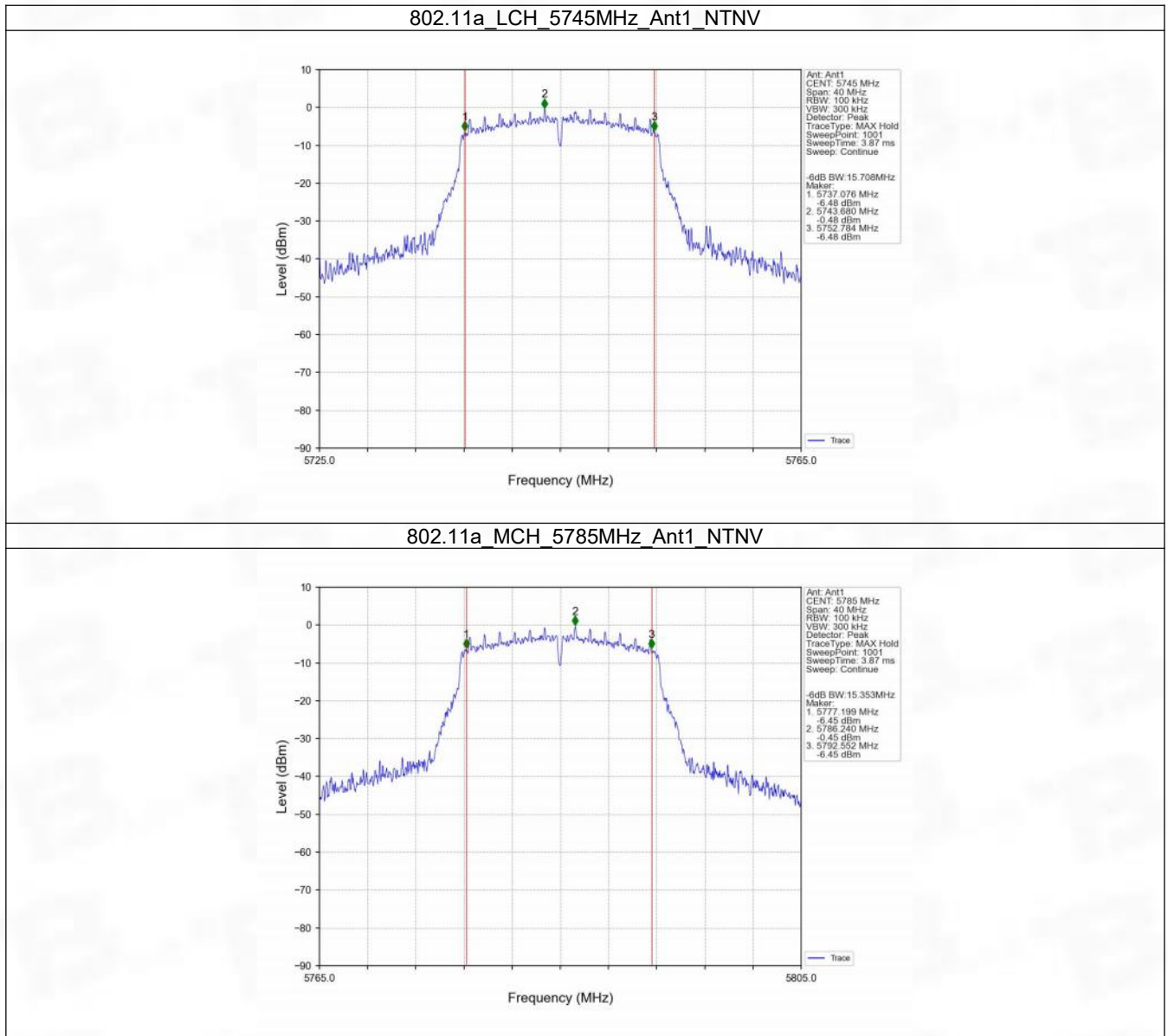
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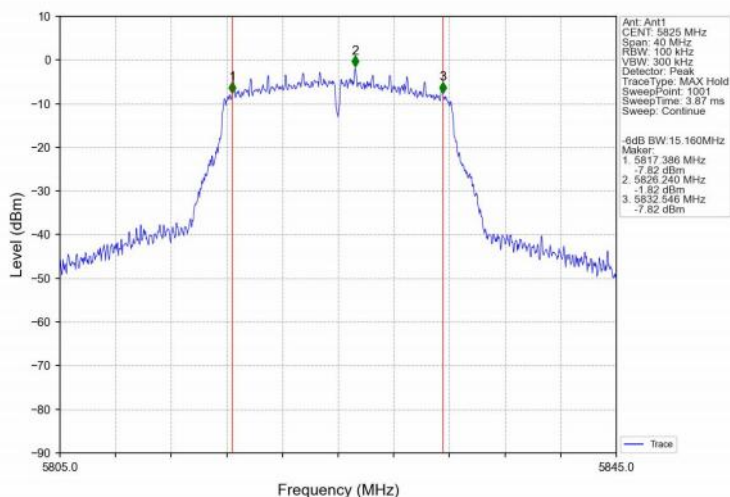
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



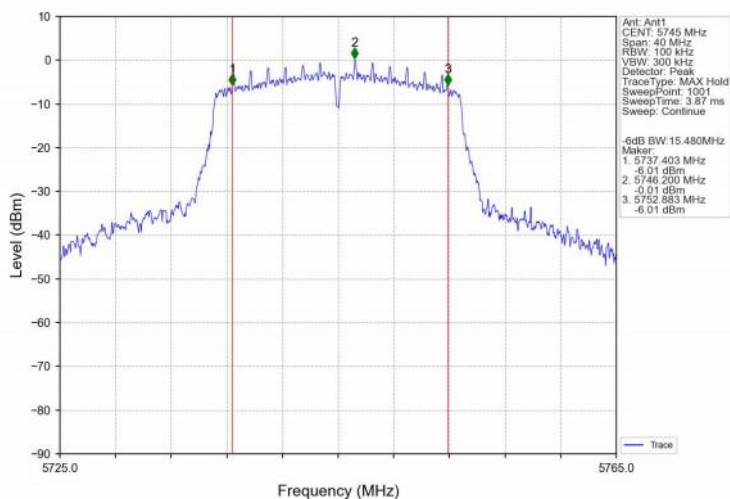
2.2.2 6dB BW



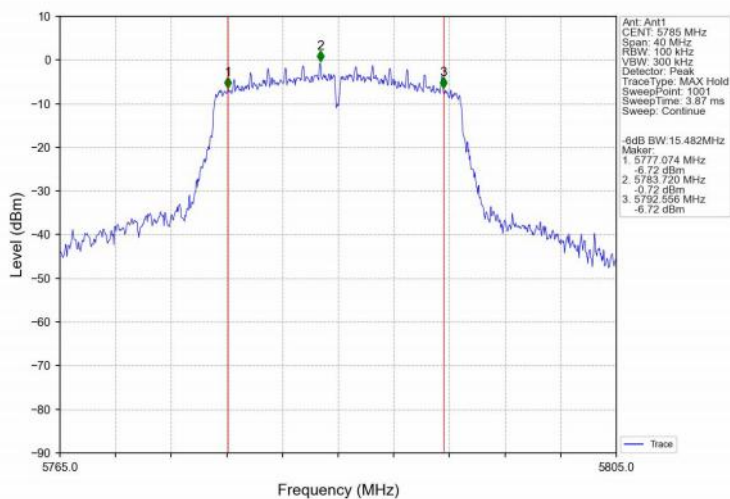
802.11a_HCH_5825MHz_Ant1_NTNV



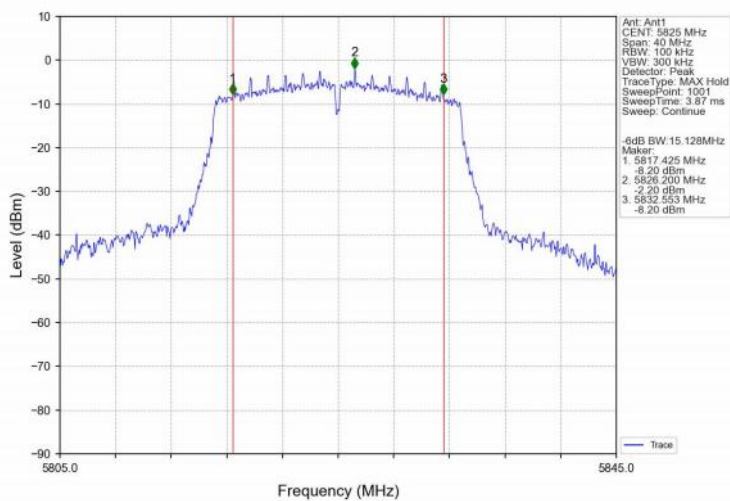
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



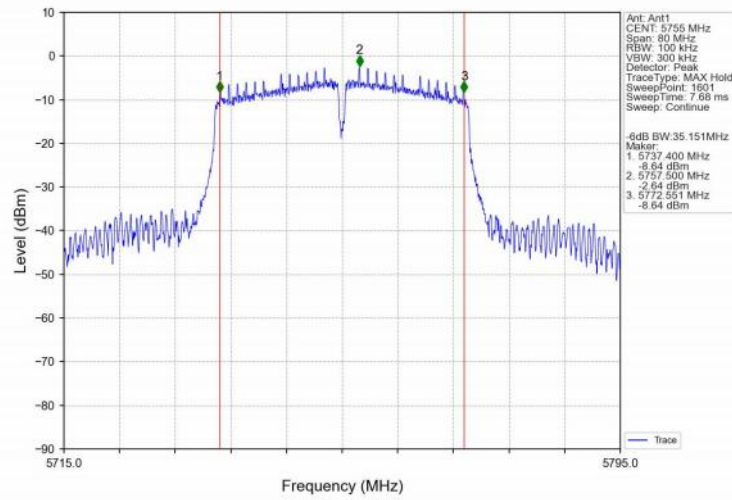
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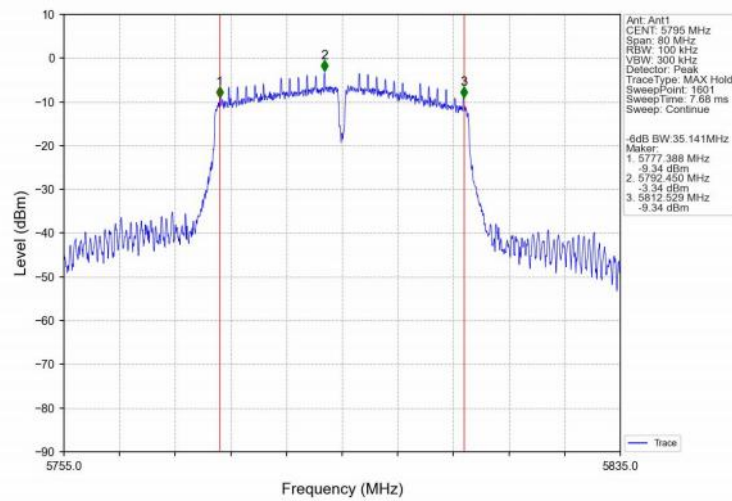
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



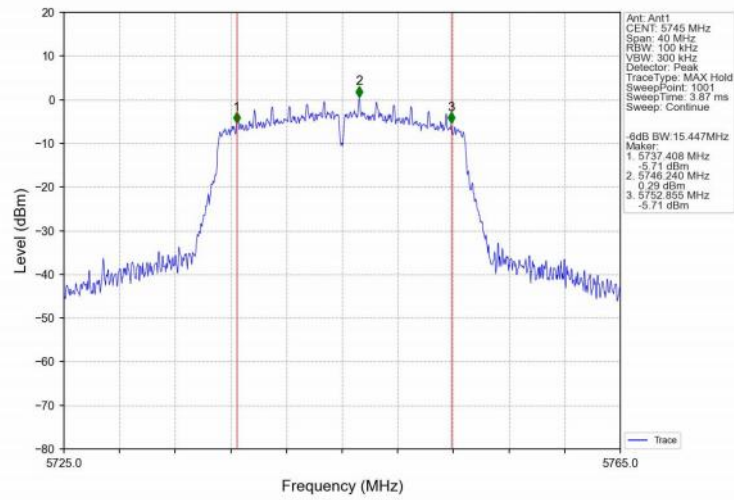
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



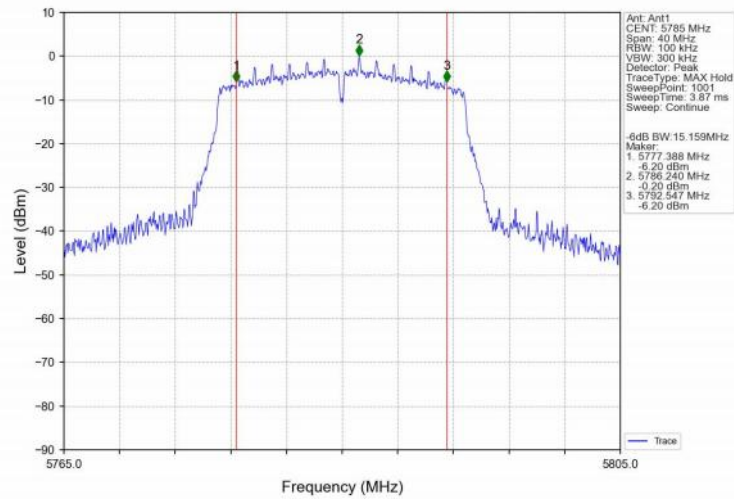
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



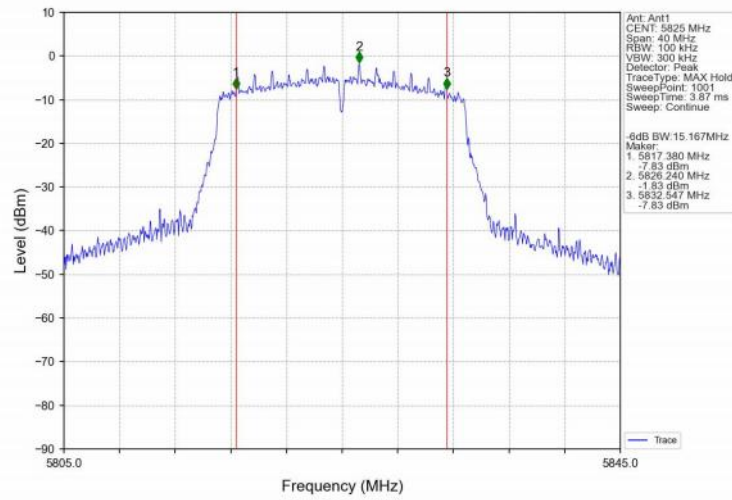
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



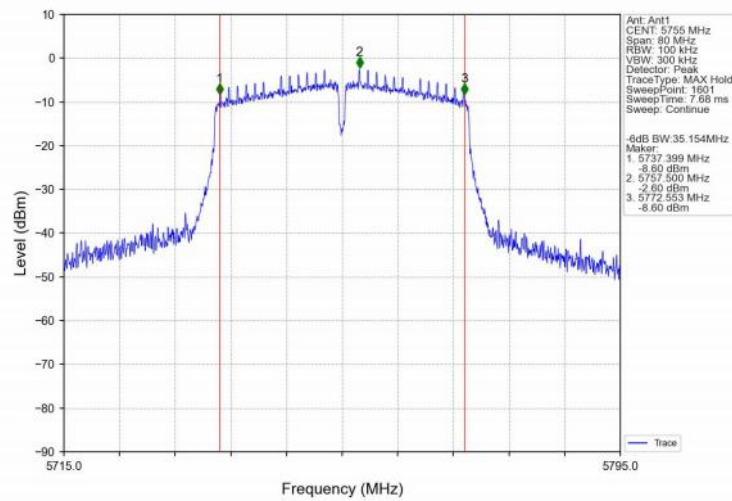
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



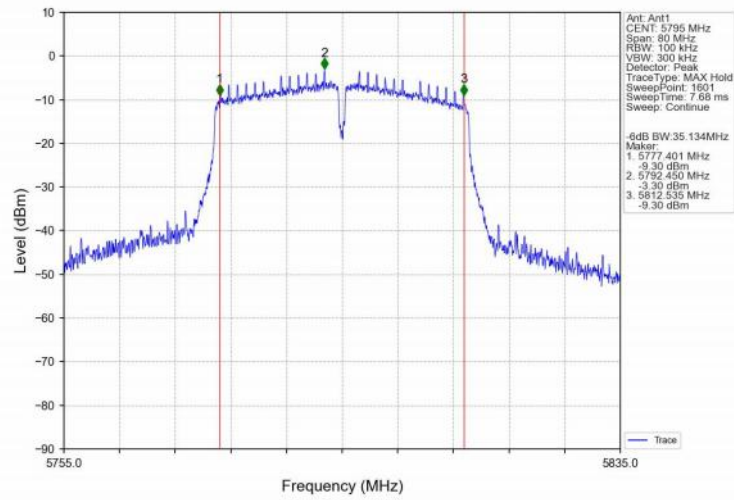
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



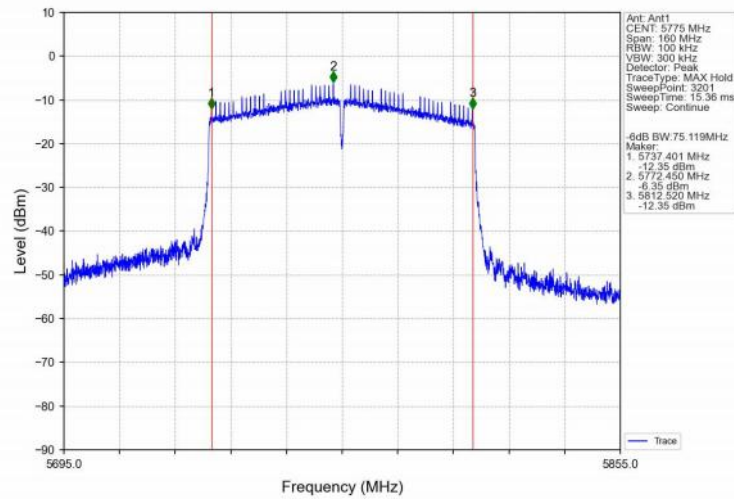
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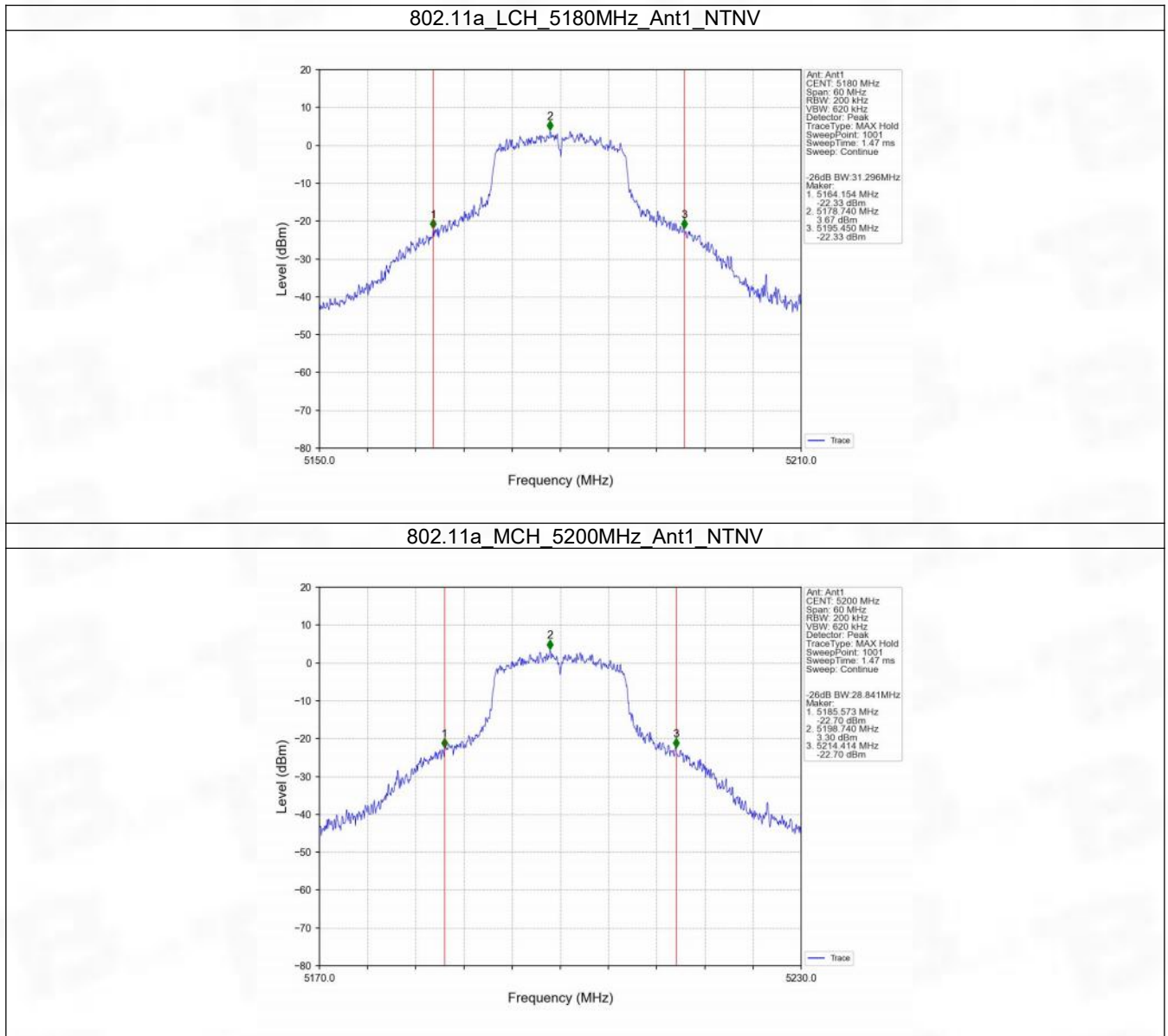
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



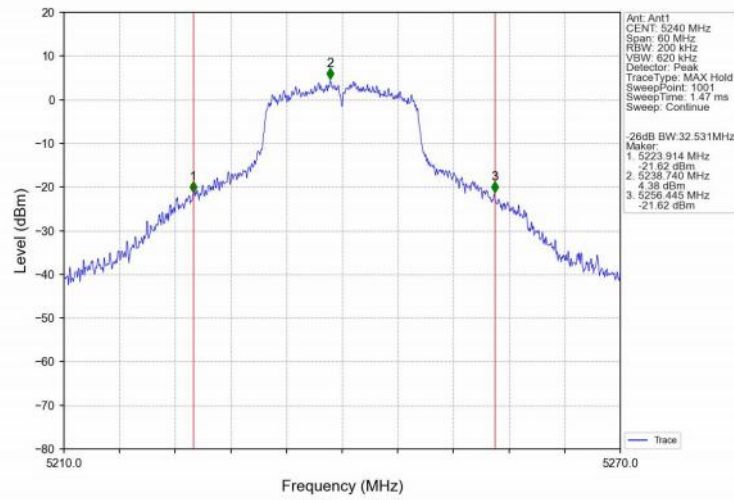
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



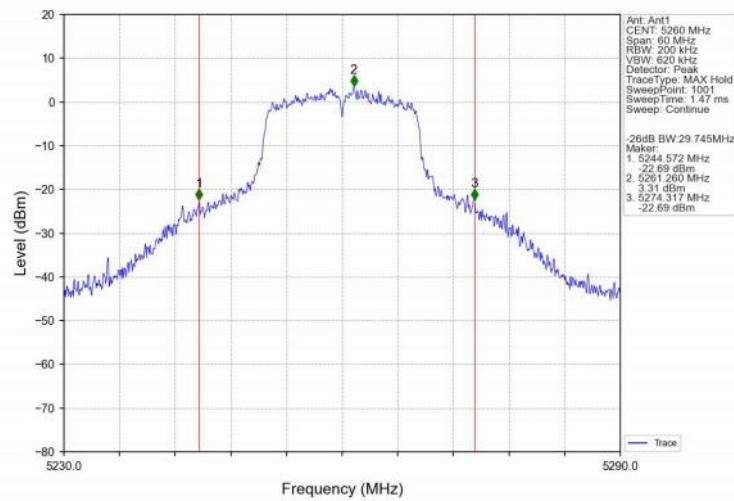
2.2.3 26dB BW



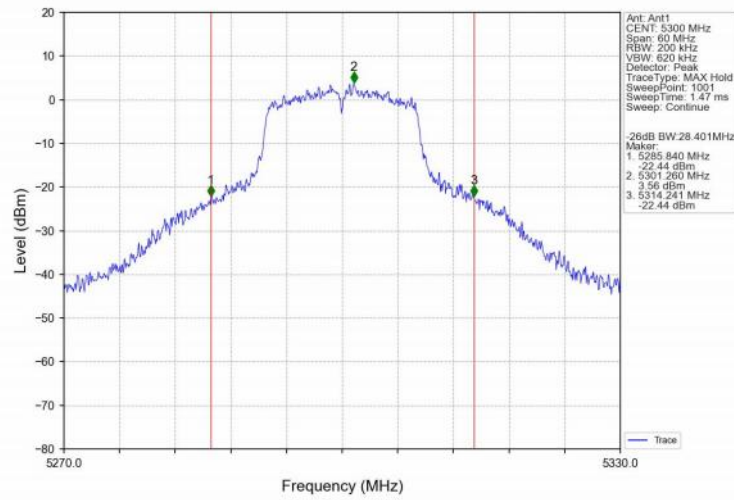
802.11a_HCH_5240MHz_Ant1_NTNV



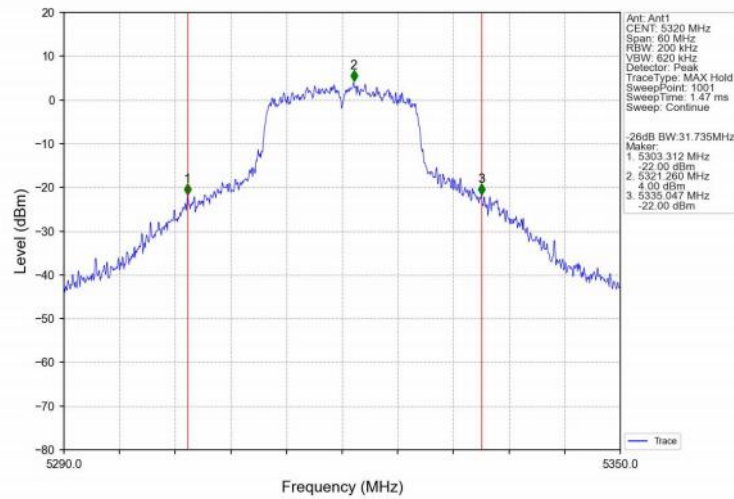
802.11a_LCH_5260MHz_Ant1_NTNV



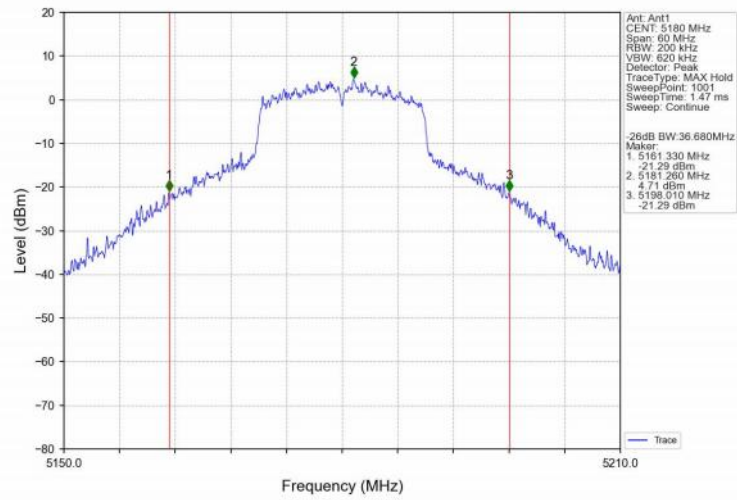
802.11a_MCH_5300MHz_Ant1_NTNV



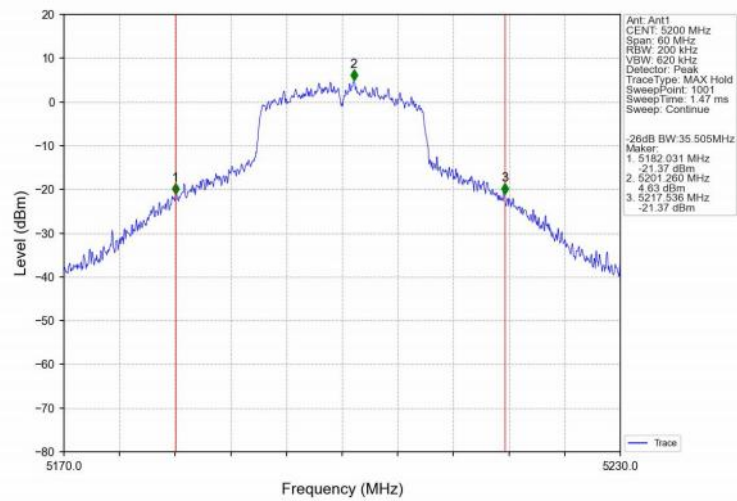
802.11a_HCH_5320MHz_Ant1_NTNV



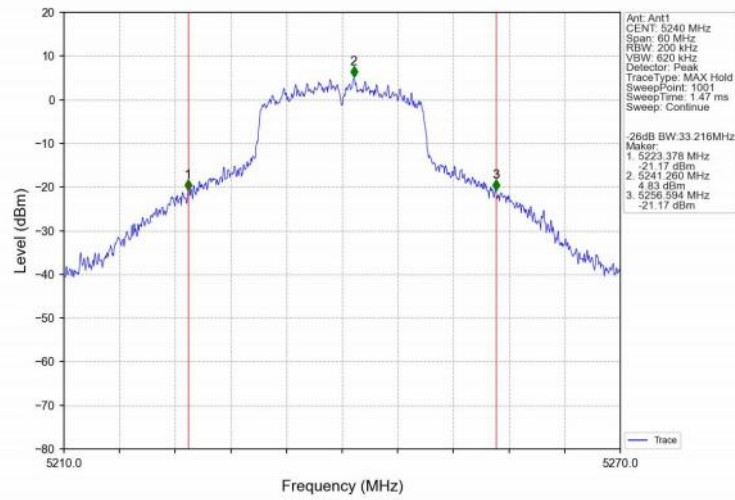
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



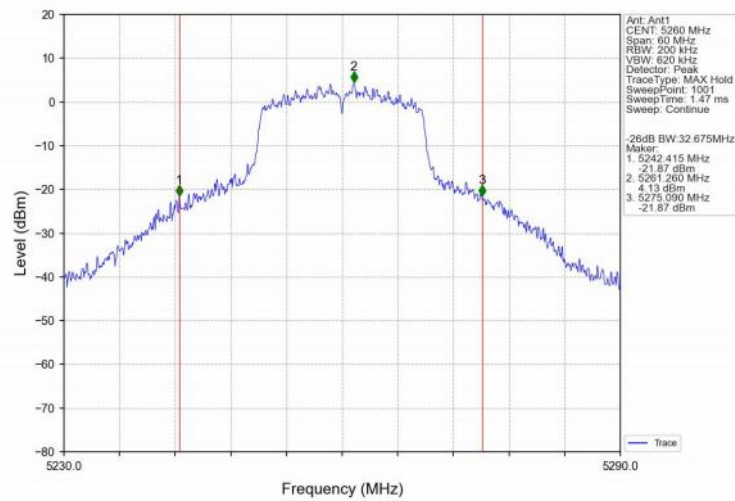
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



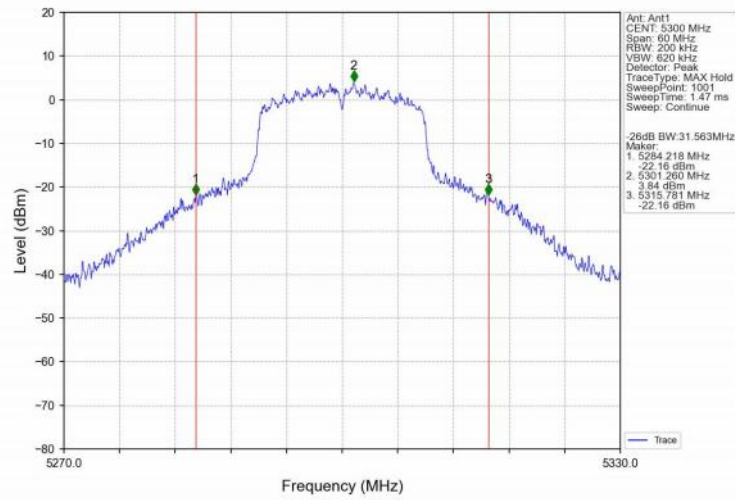
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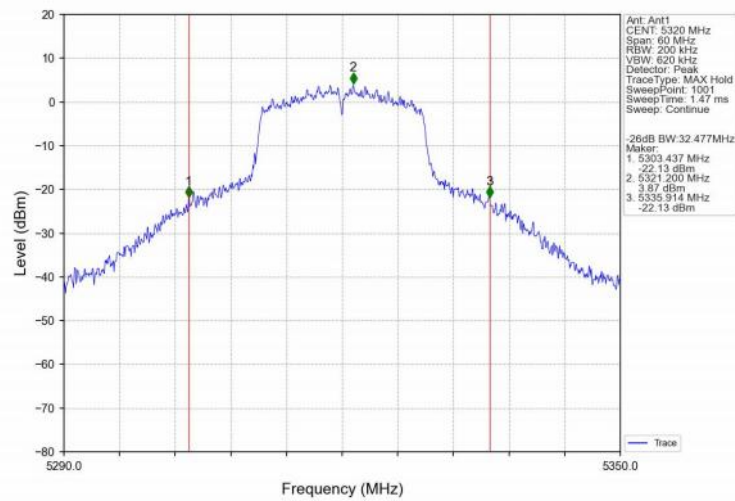
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



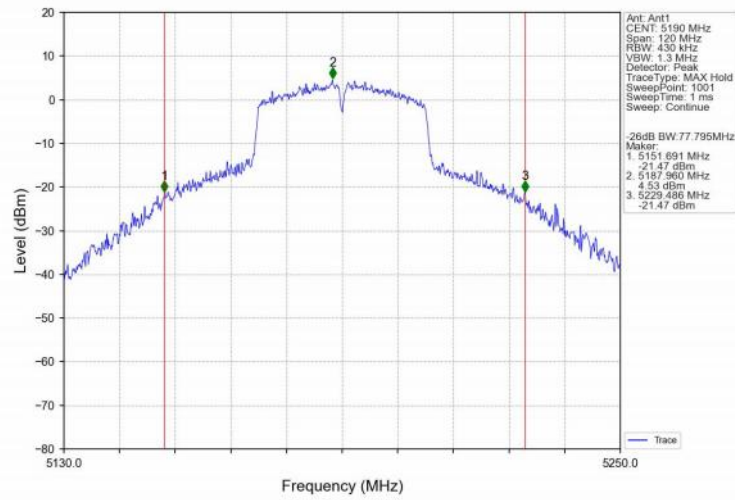
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



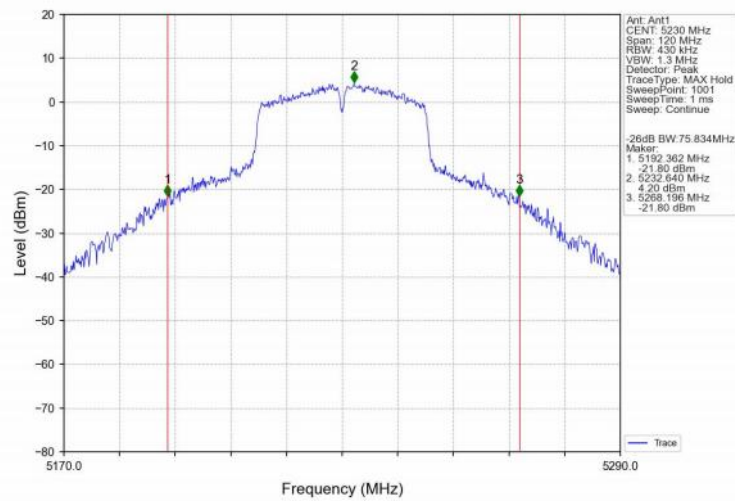
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



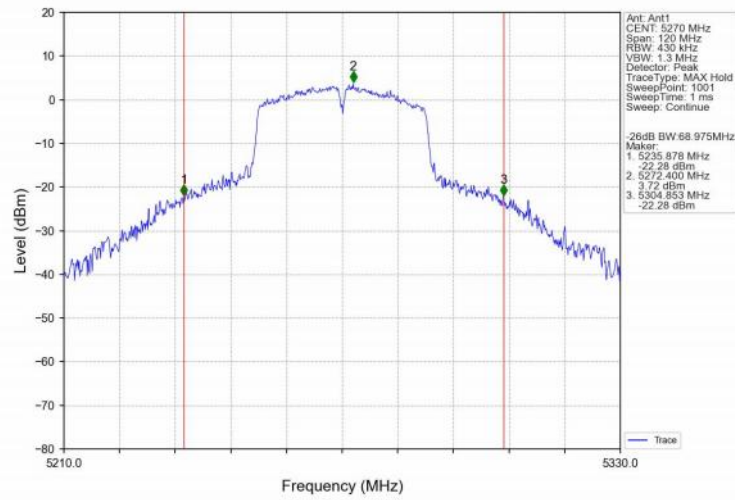
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



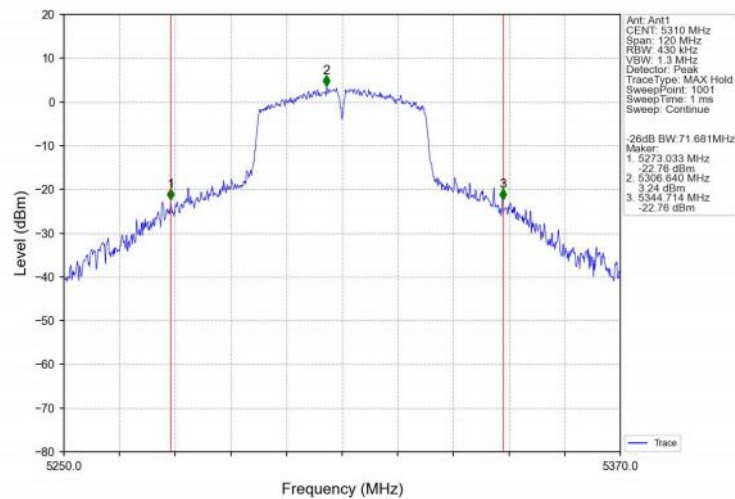
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



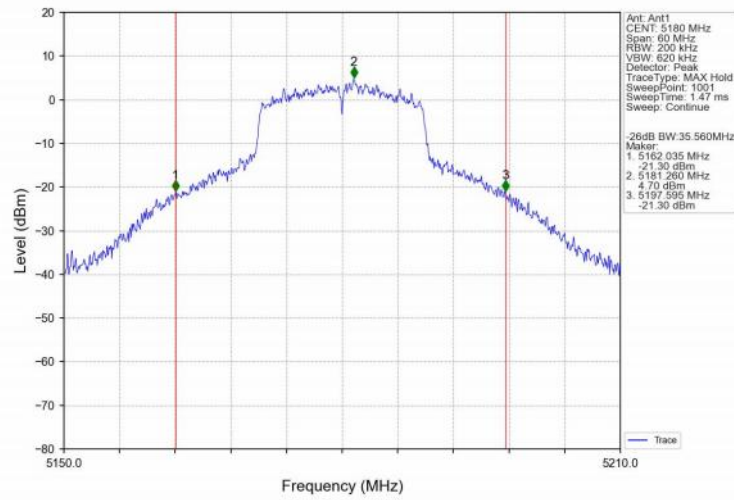
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



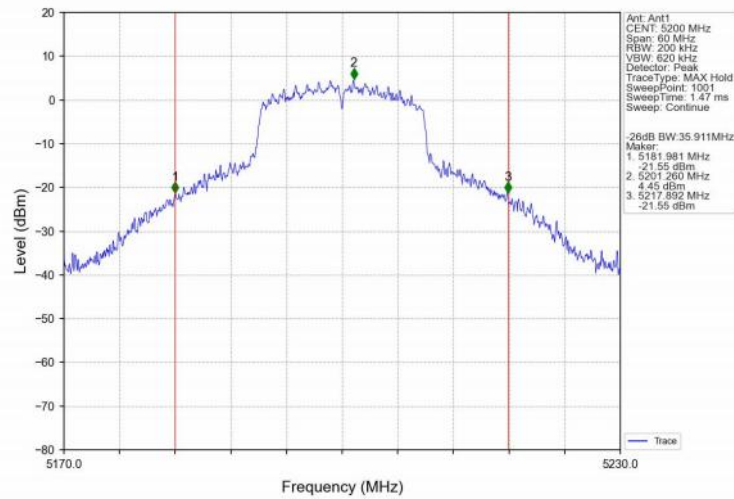
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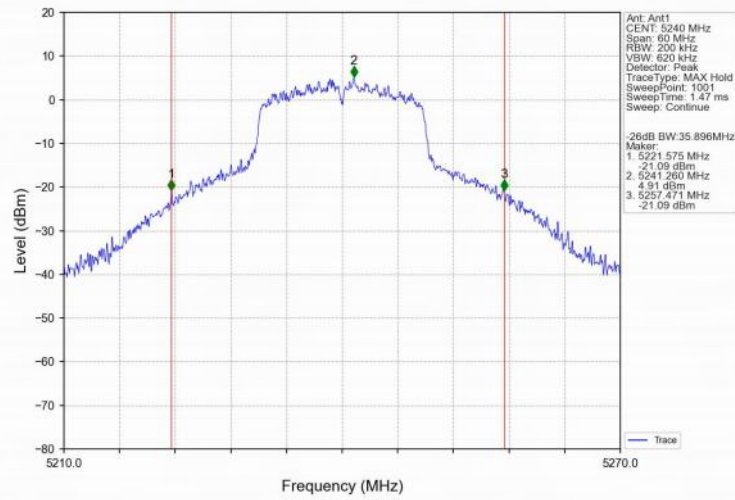
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



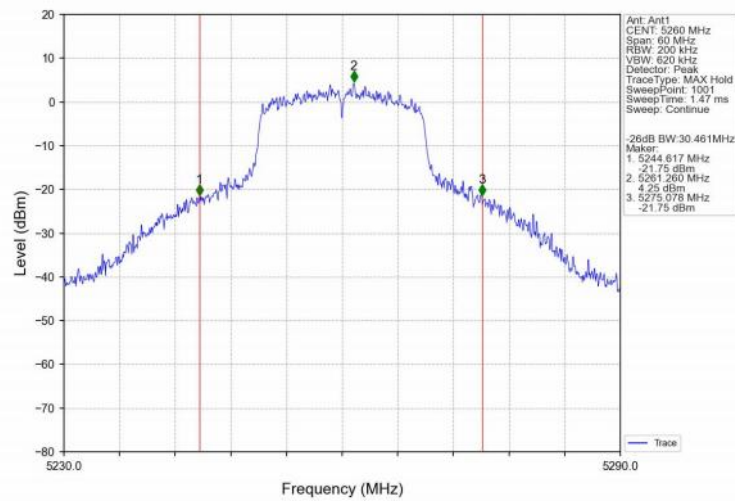
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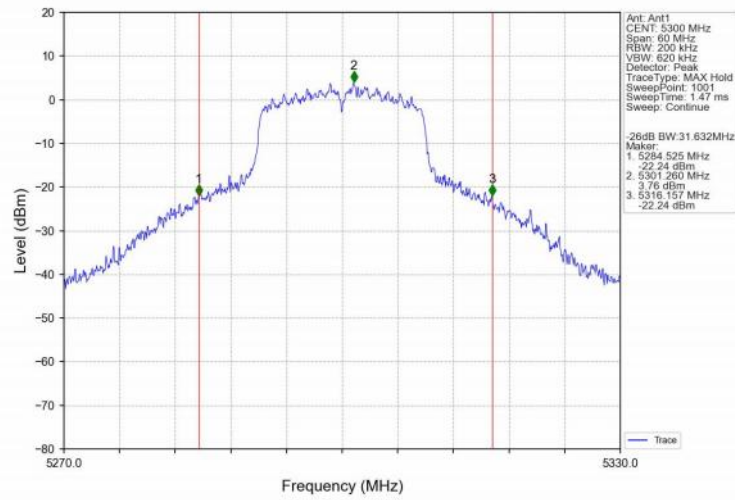
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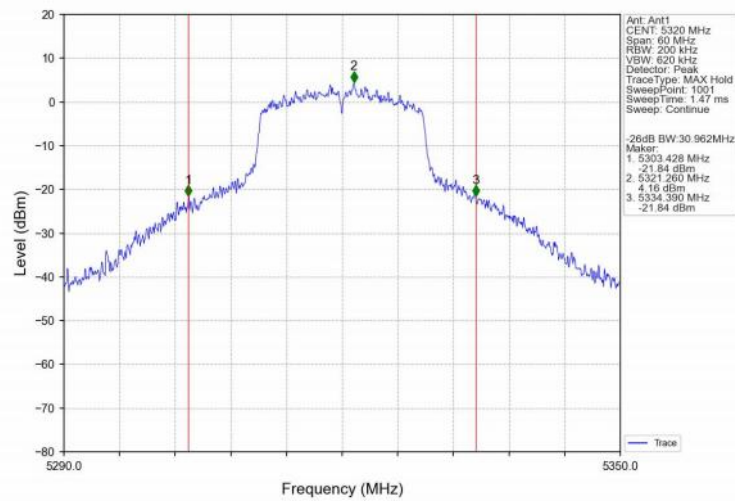
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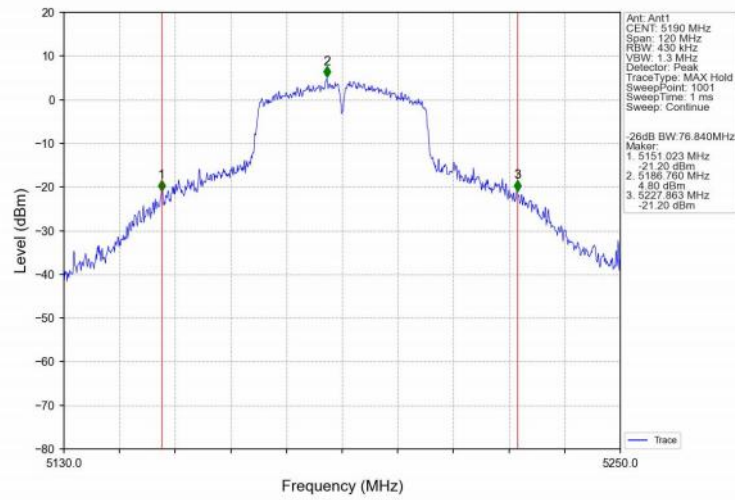
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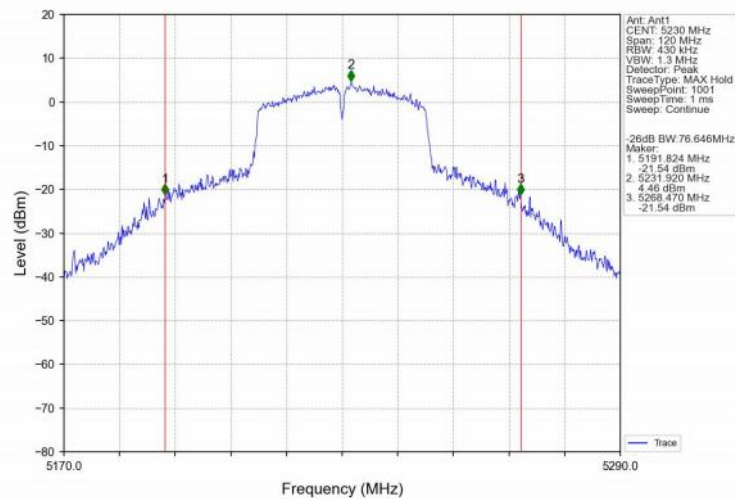
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



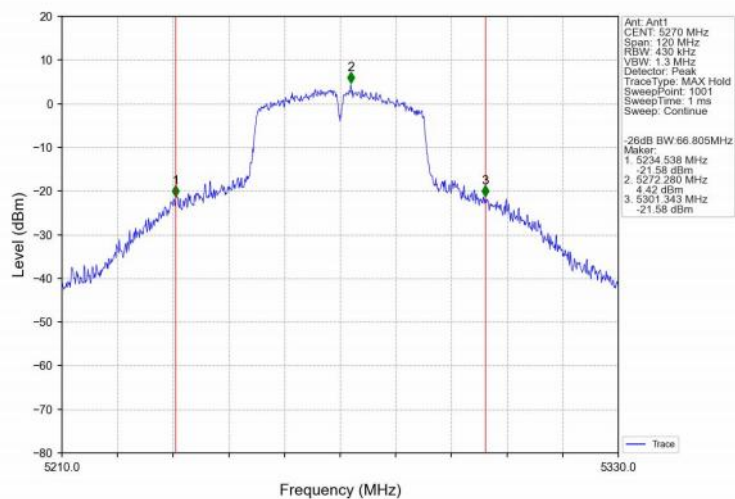
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



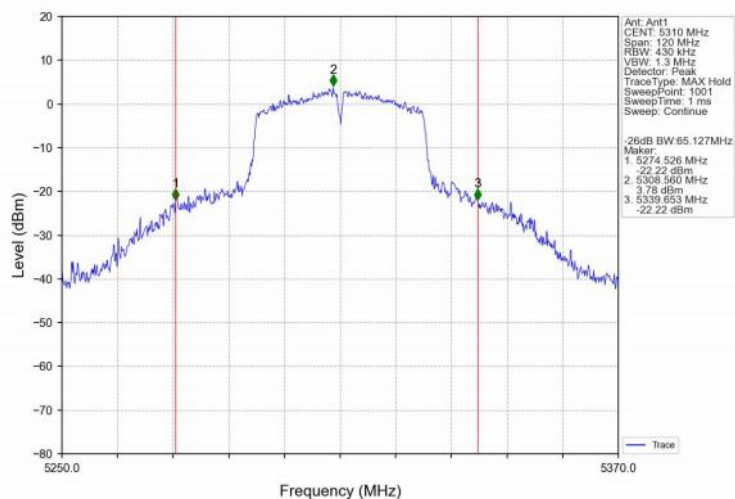
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



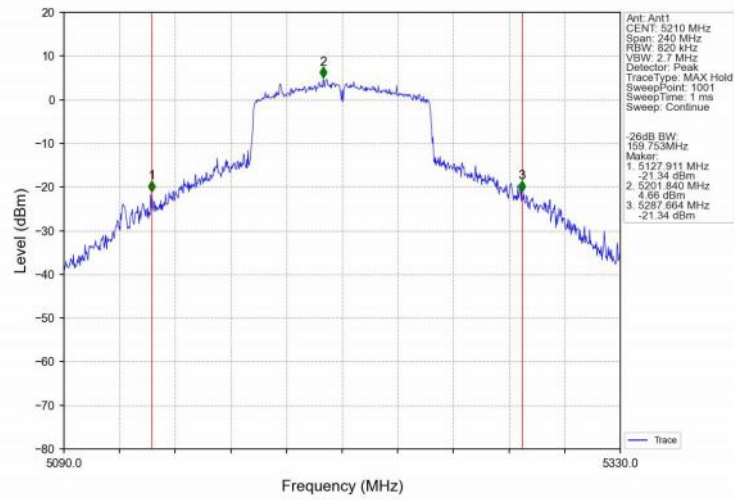
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



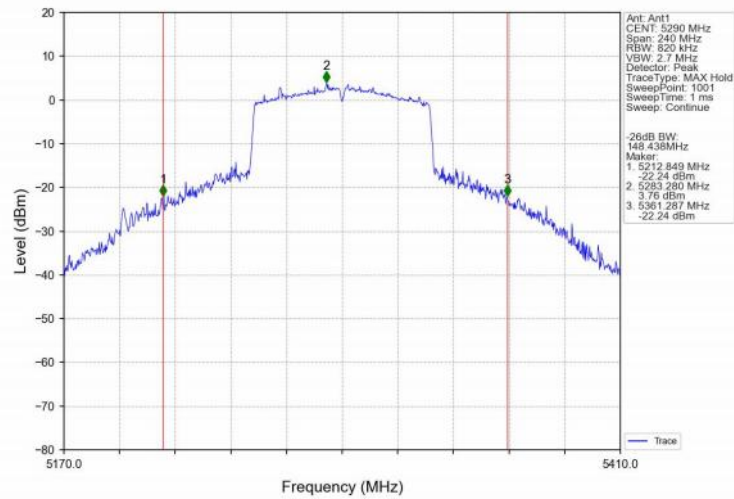
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

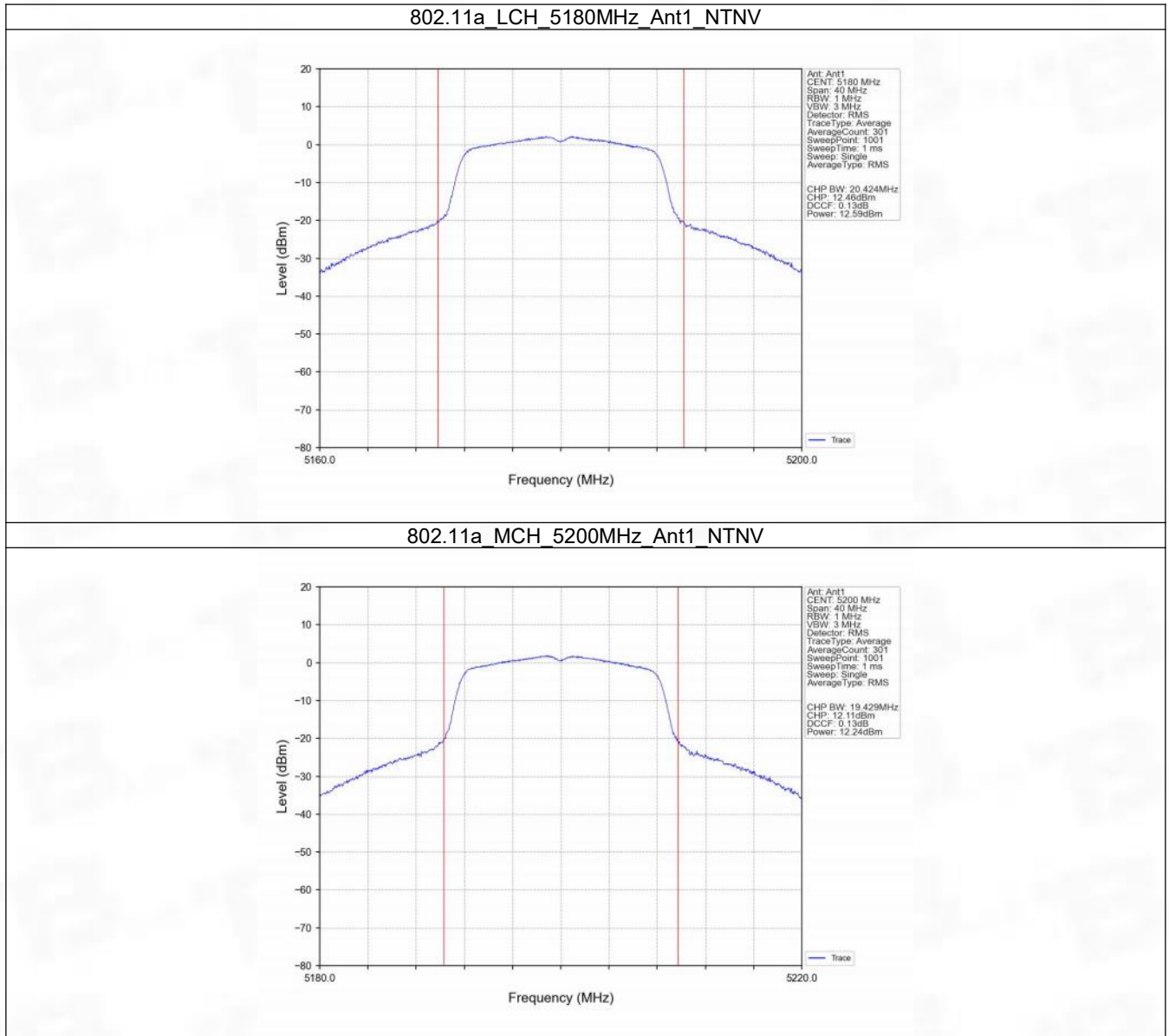
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	12.59	<=23.98	Pass
		5200	12.24	<=23.98	Pass
		5240	13.20	<=23.98	Pass
		5260	12.10	<=23.98	Pass
		5300	12.42	<=23.98	Pass
		5320	12.89	<=23.98	Pass
		5745	10.62	<=30	Pass
		5785	10.25	<=30	Pass
802.11n (HT20)	SISO	5825	8.63	<=30	Pass
		5180	13.29	<=23.98	Pass
		5200	13.27	<=23.98	Pass
		5240	13.47	<=23.98	Pass
		5260	12.77	<=23.98	Pass
		5300	12.54	<=23.98	Pass
		5320	12.72	<=23.98	Pass
		5745	10.44	<=30	Pass
802.11n (HT40)	SISO	5785	10.10	<=30	Pass
		5825	8.52	<=30	Pass
		5190	13.29	<=23.98	Pass
		5230	13.28	<=23.98	Pass
		5270	12.60	<=23.98	Pass
		5310	12.62	<=23.98	Pass
802.11ac (VHT20)	SISO	5755	10.52	<=30	Pass
		5795	9.86	<=30	Pass
		5180	13.22	<=23.98	Pass
		5200	13.20	<=23.98	Pass
		5240	13.41	<=23.98	Pass
		5260	12.74	<=23.98	Pass
		5300	12.50	<=23.98	Pass
		5320	12.68	<=23.98	Pass
802.11ac (VHT40)	SISO	5745	10.49	<=30	Pass
		5785	10.11	<=30	Pass
		5825	8.55	<=30	Pass
		5190	13.25	<=23.98	Pass
		5230	13.25	<=23.98	Pass
		5270	12.62	<=23.98	Pass
802.11ac (VHT80)	SISO	5310	12.59	<=23.98	Pass
		5755	10.56	<=30	Pass
		5795	9.91	<=30	Pass
		5210	13.56	<=23.98	Pass
802.11ac (VHT80)	SISO	5290	12.87	<=23.98	Pass
		5775	9.70	<=30	Pass

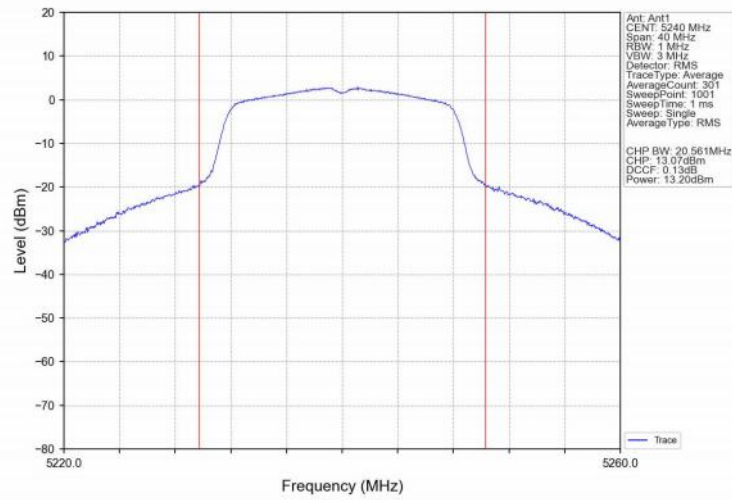
Note1: Antenna Gain: Ant1: 4.13dBi;

3.2 Test Graph

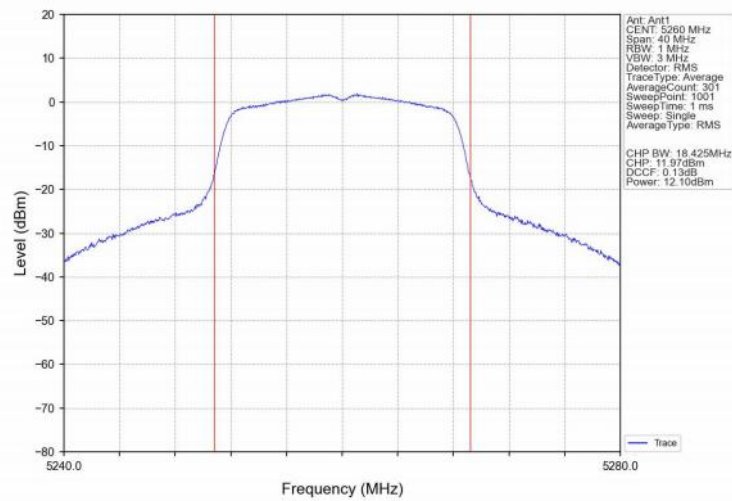
3.2.1 Power



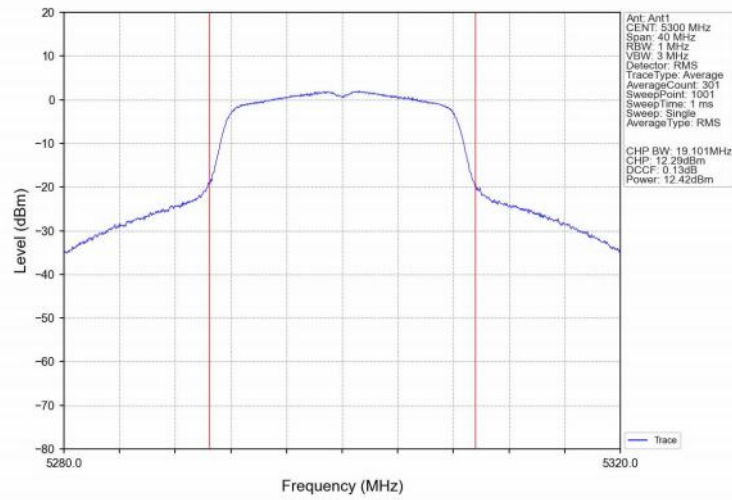
802.11a_HCH_5240MHz_Ant1_NTNV



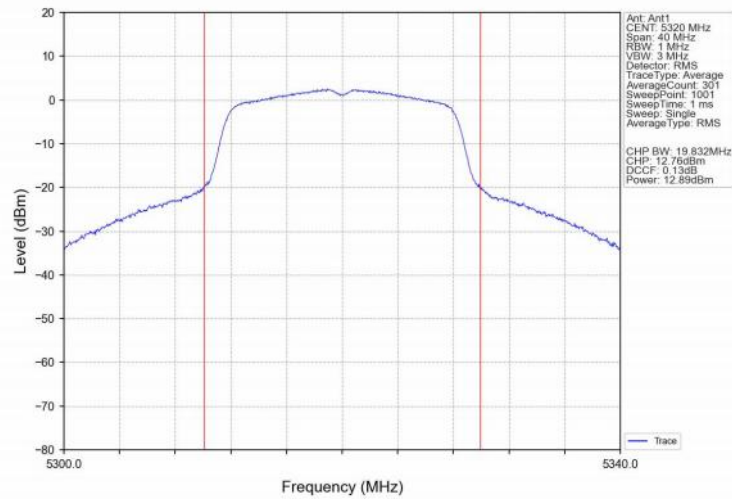
802.11a_LCH_5260MHz_Ant1_NTNV



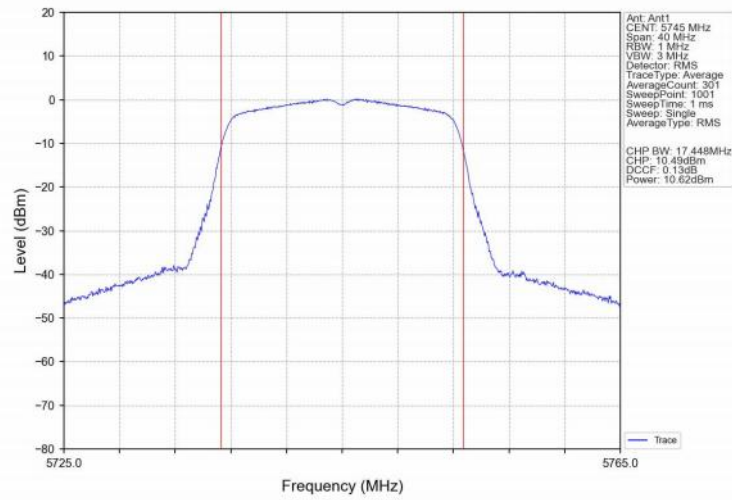
802.11a_MCH_5300MHz_Ant1_NTNV



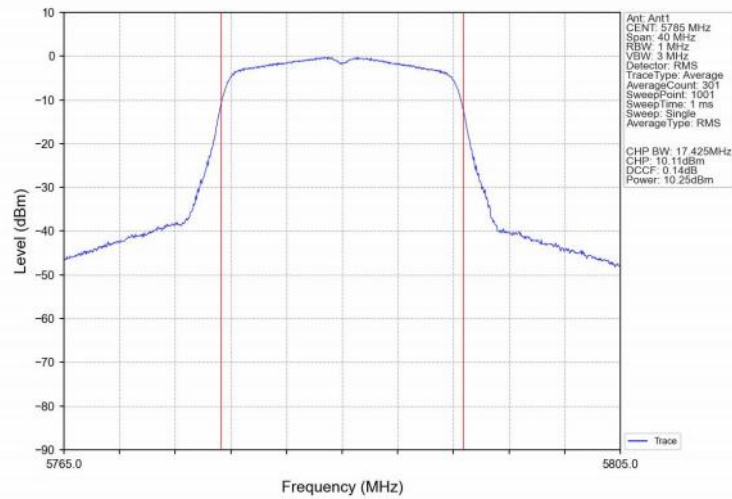
802.11a_HCH_5320MHz_Ant1_NTNV



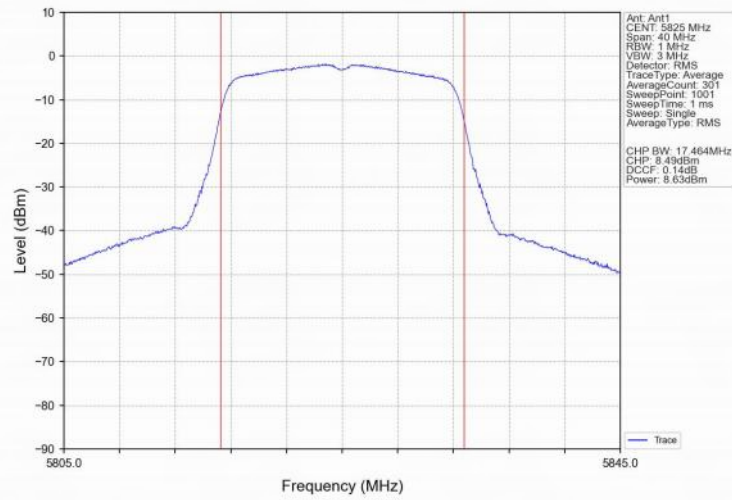
802.11a_LCH_5745MHz_Ant1_NTNV



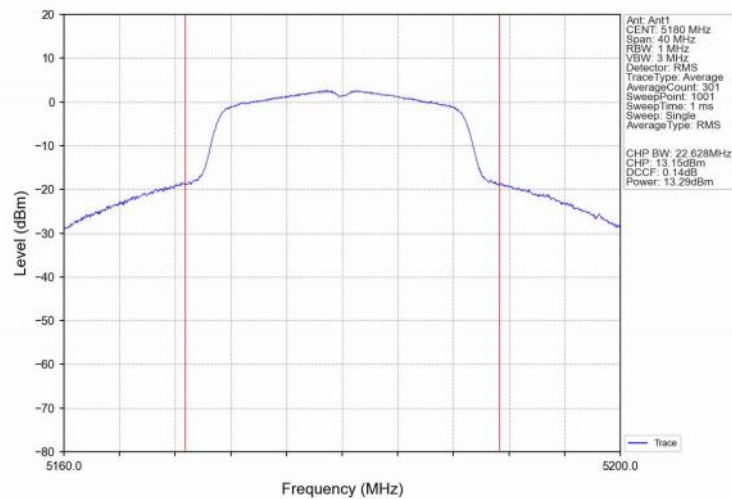
802.11a_MCH_5785MHz_Ant1_NTNV



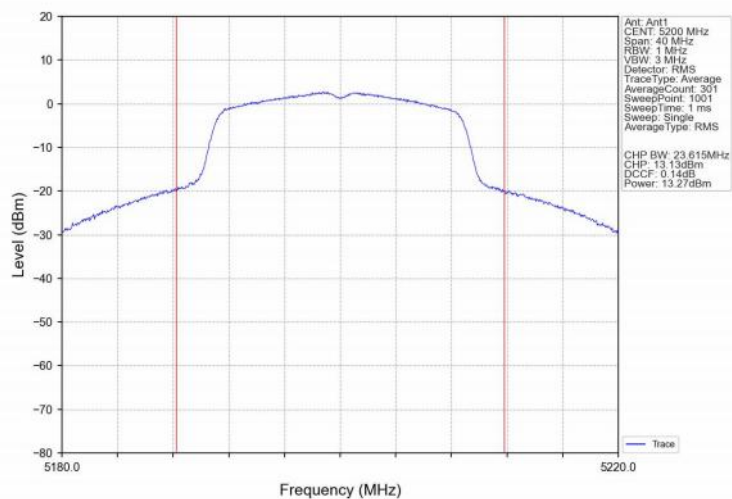
802.11a_HCH_5825MHz_Ant1_NTNV



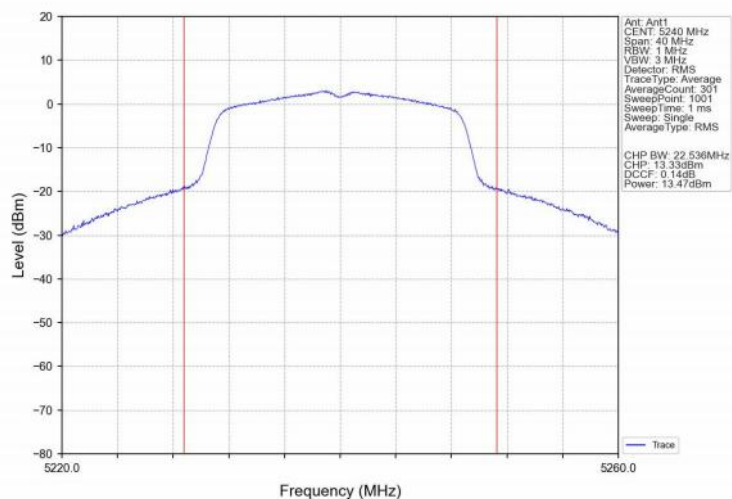
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



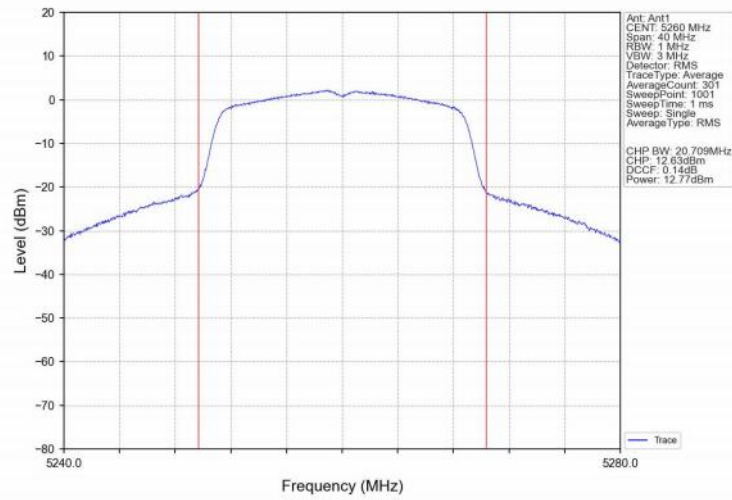
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



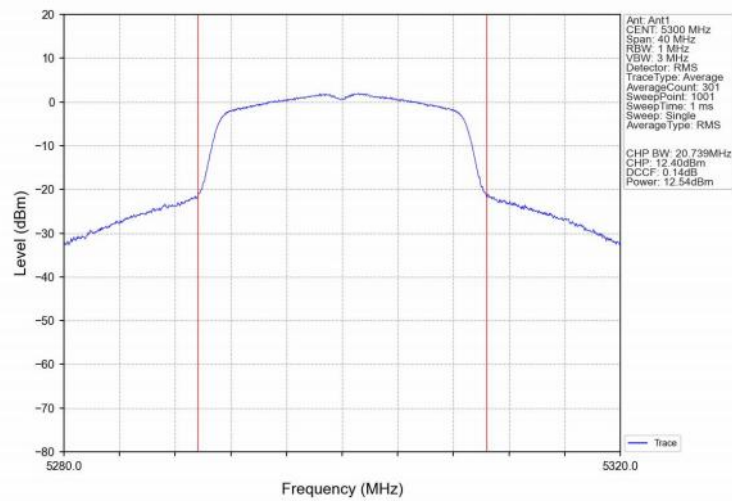
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



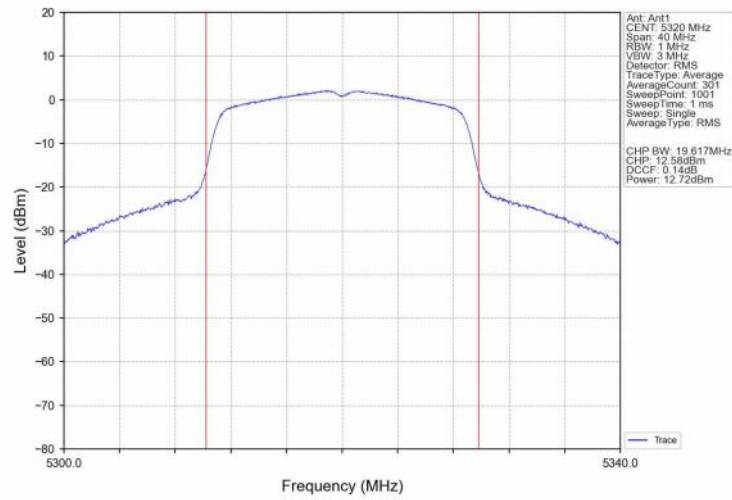
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



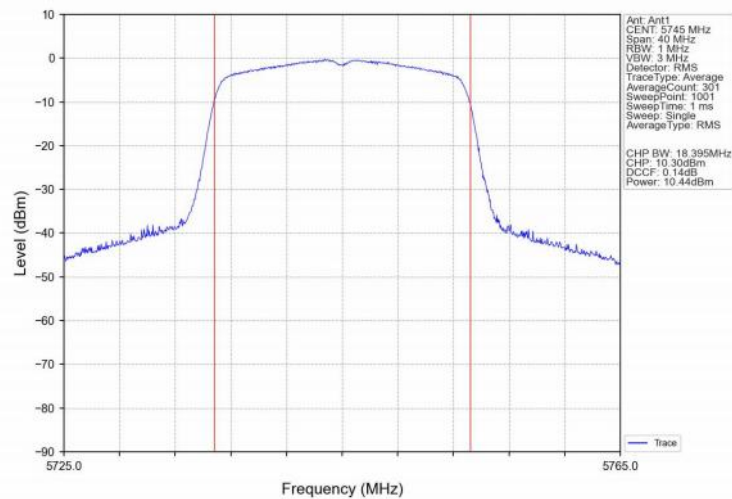
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



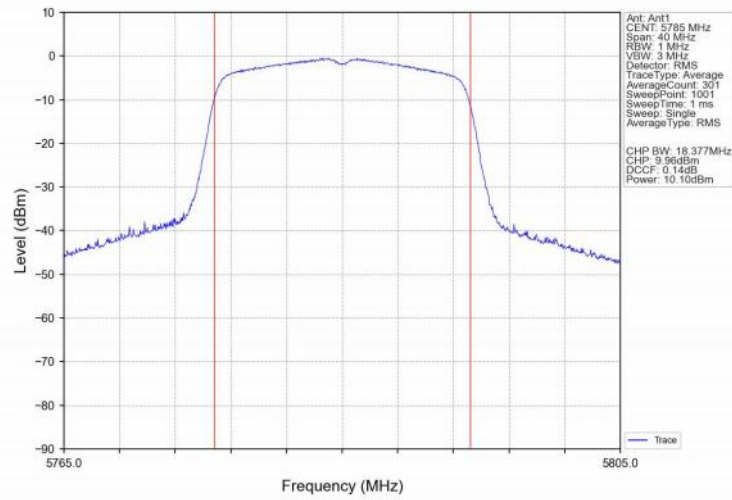
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



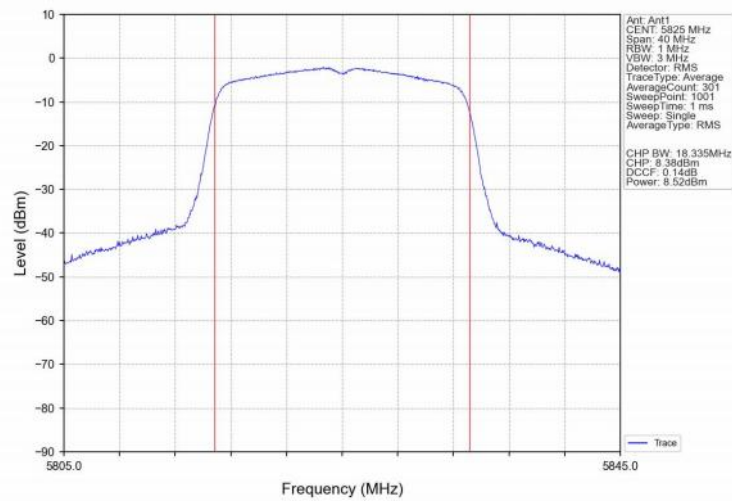
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



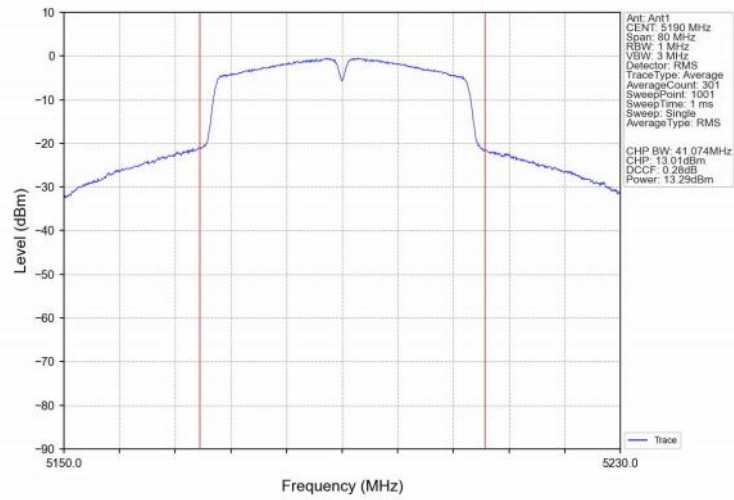
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



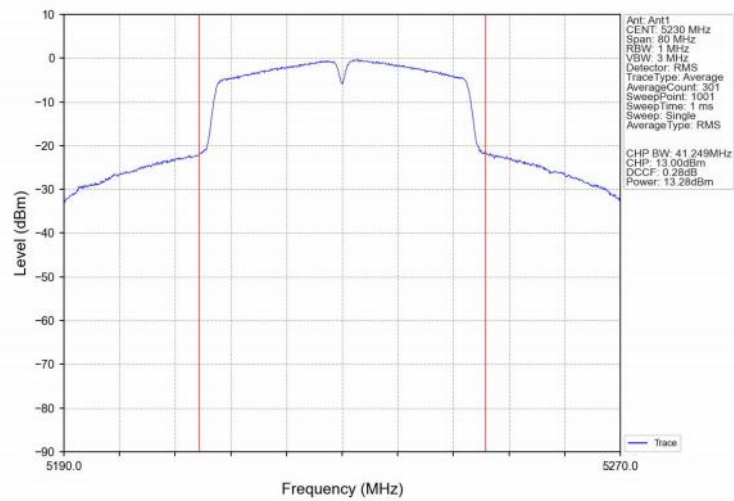
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



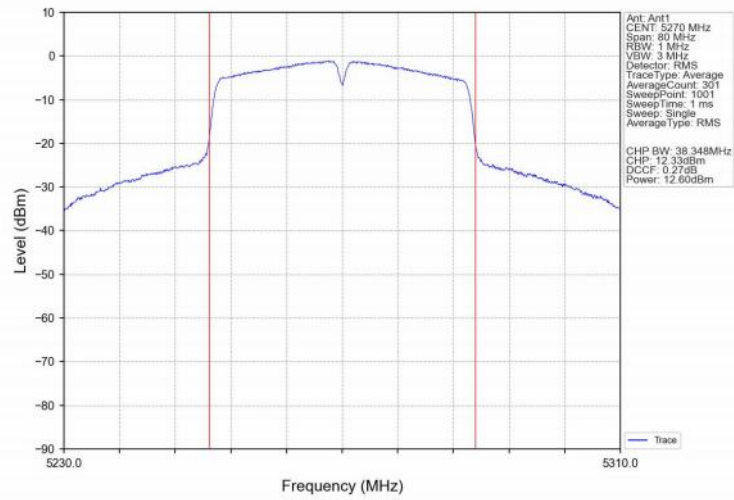
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



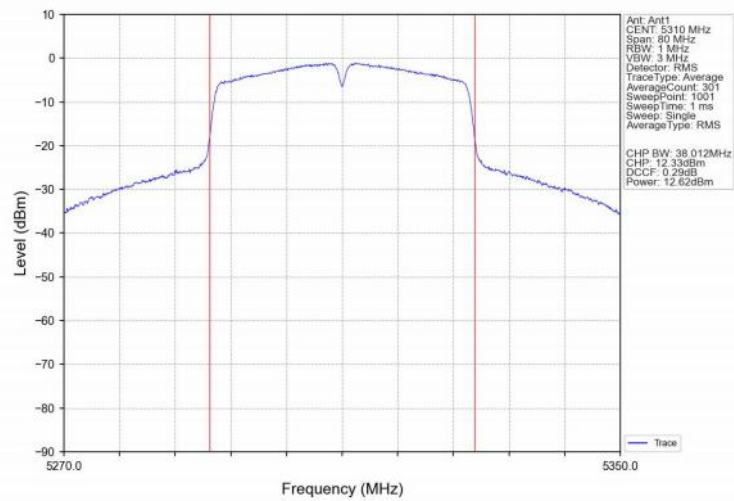
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



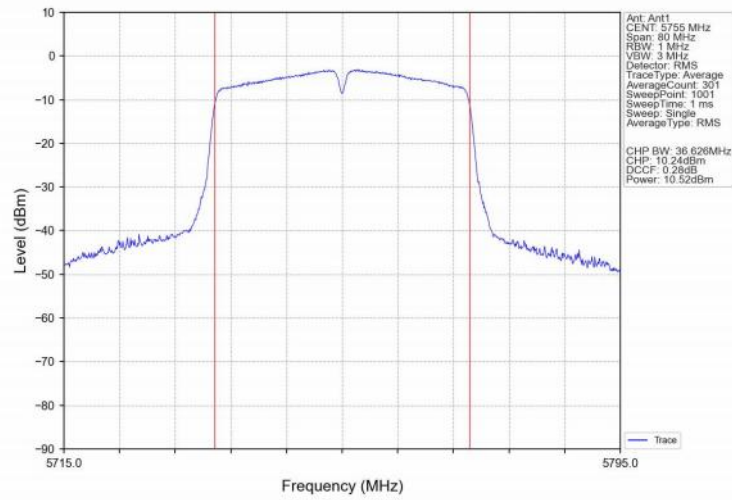
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



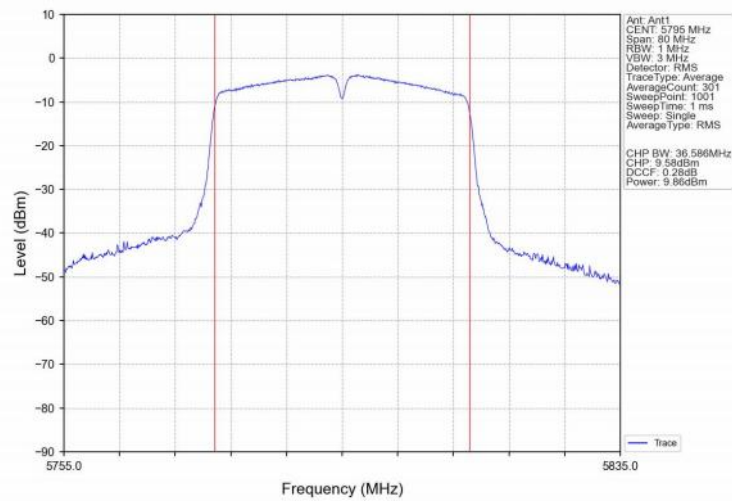
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



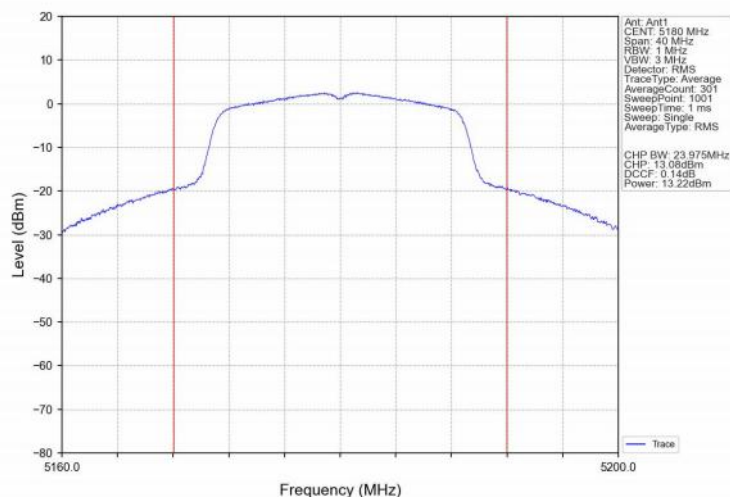
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



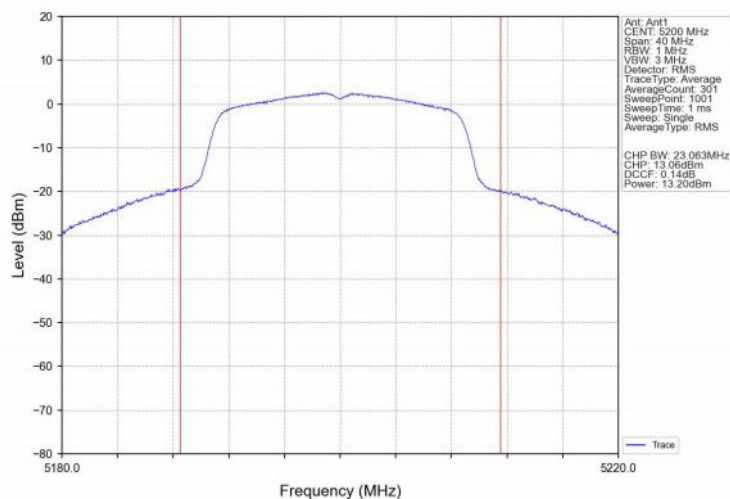
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



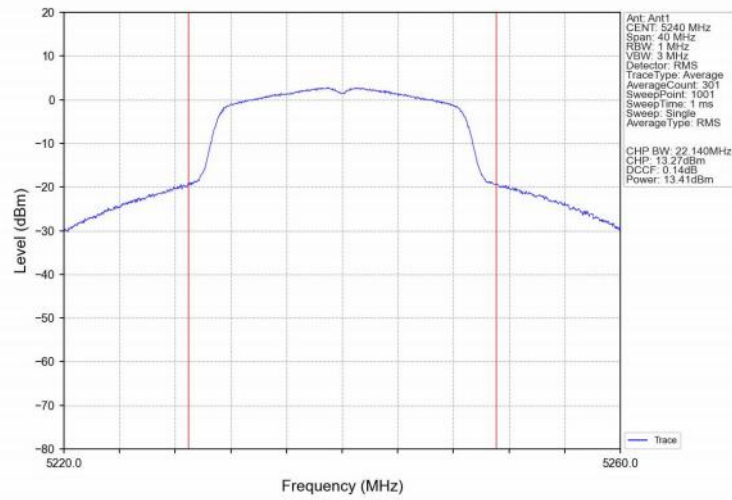
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



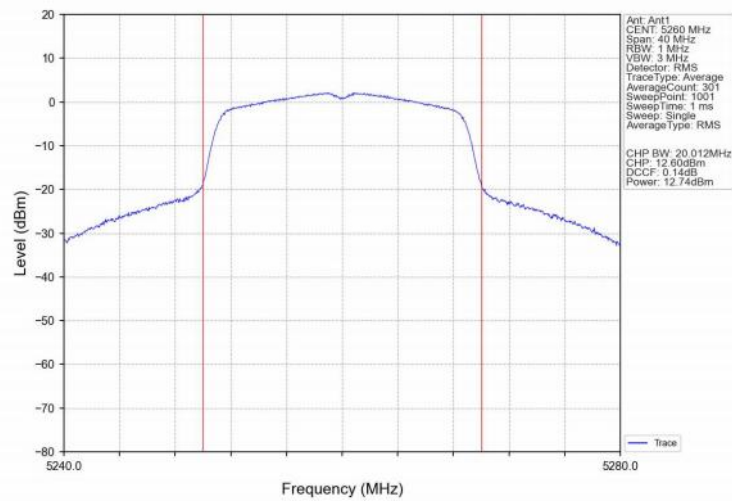
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



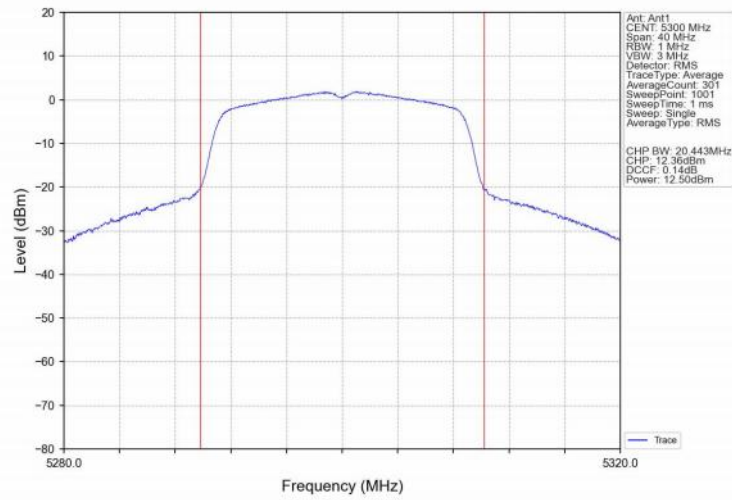
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



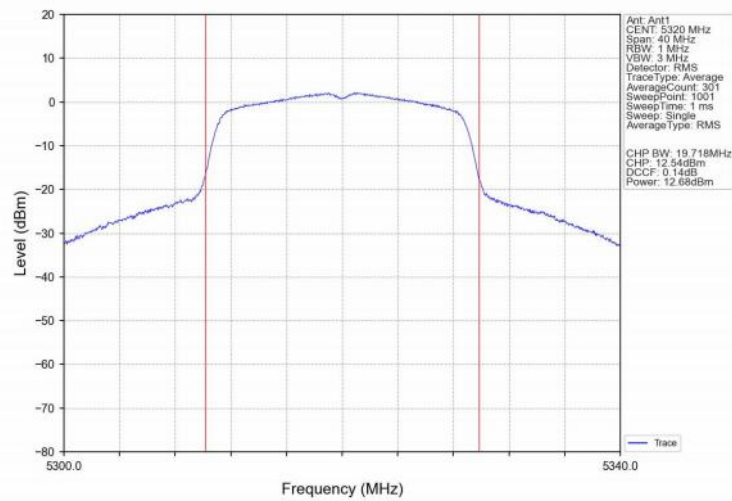
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



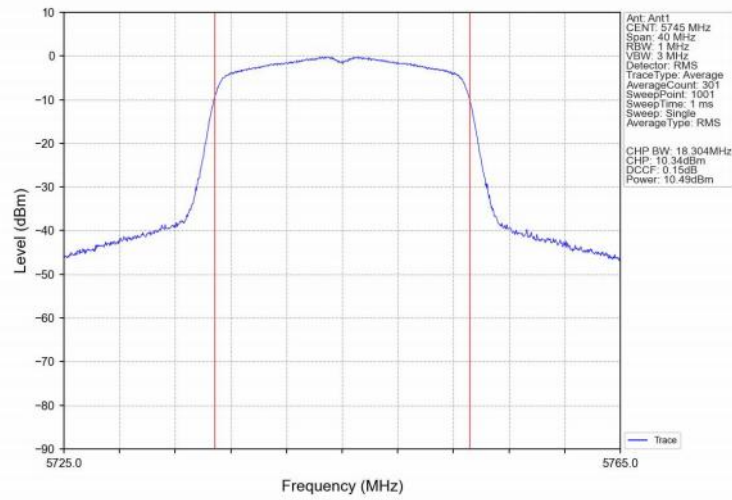
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



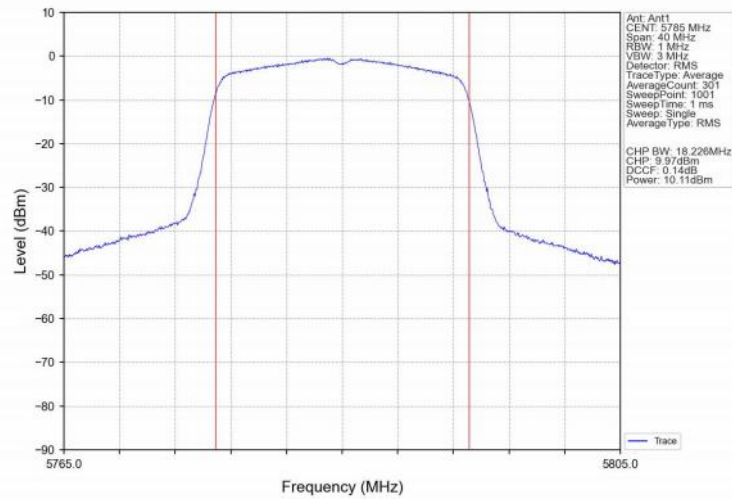
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



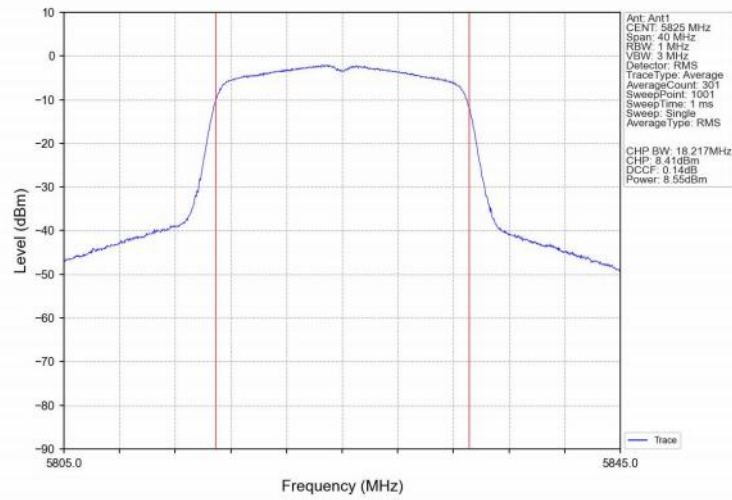
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



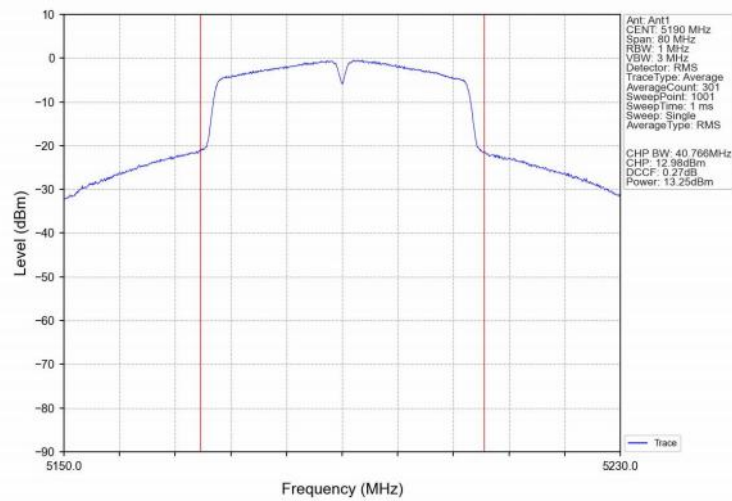
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



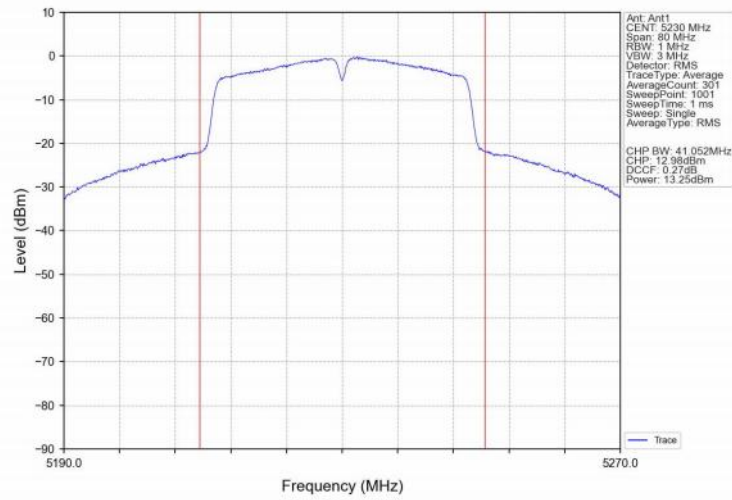
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



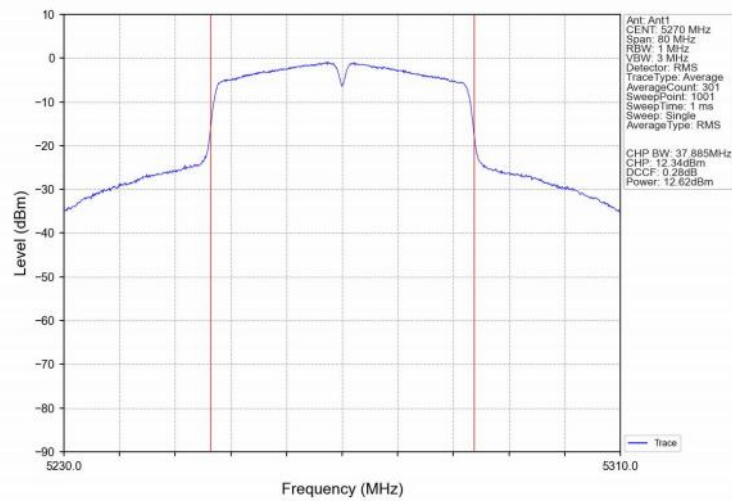
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



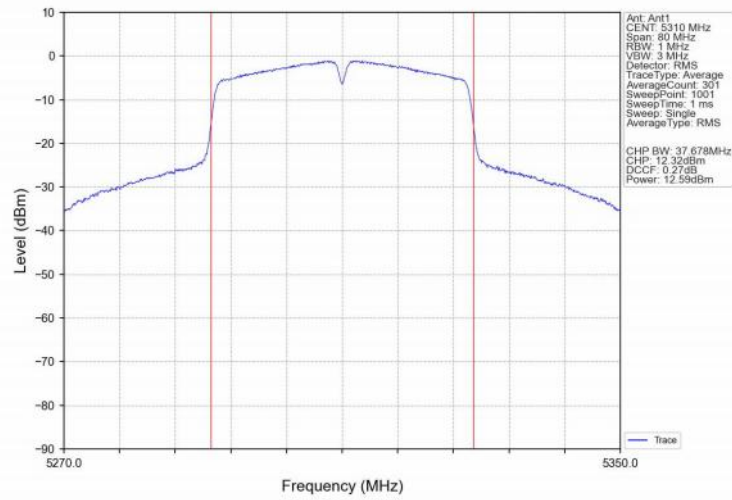
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



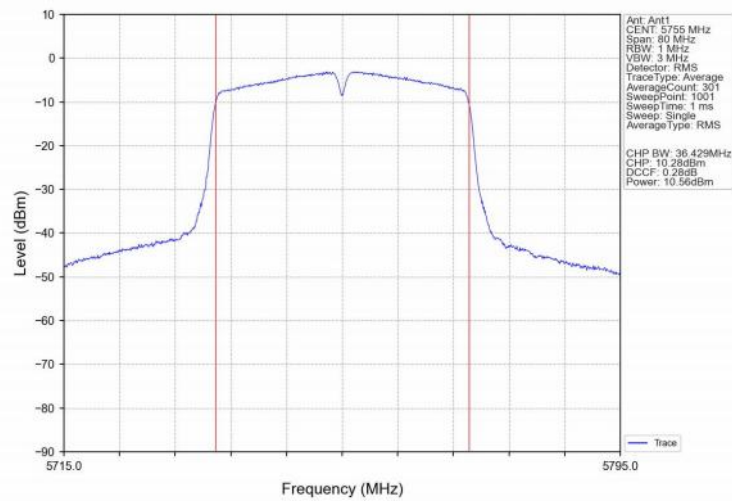
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



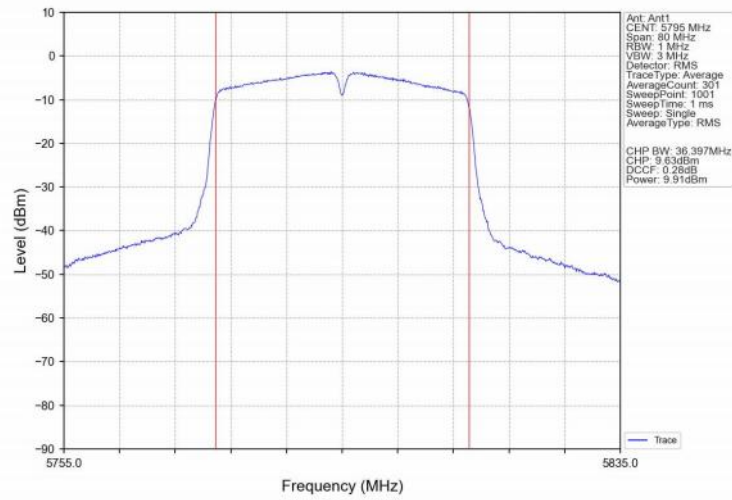
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



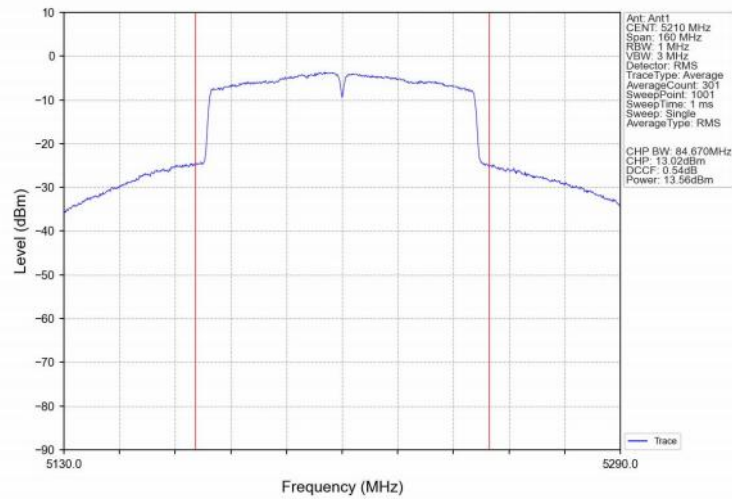
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



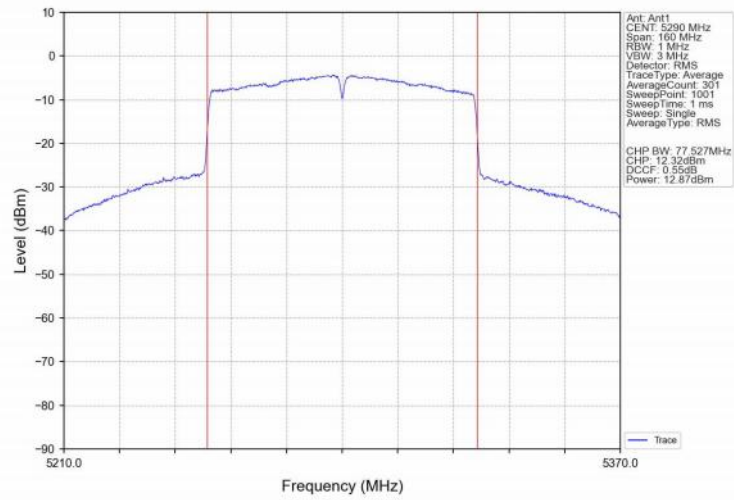
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



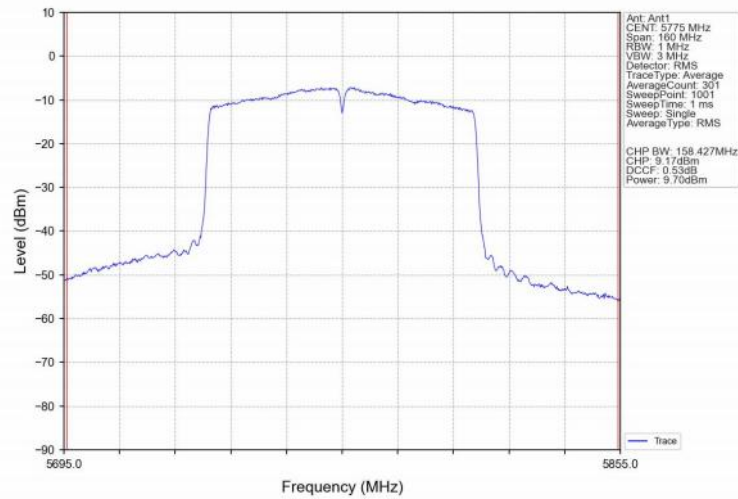
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5290MHz_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	2.25	<=11	Pass
		5200	1.98	<=11	Pass
		5240	3.03	<=11	Pass
		5260	1.91	<=11	Pass
		5300	2.13	<=11	Pass
		5320	2.59	<=11	Pass
802.11n (HT20)	SISO	5180	2.84	<=11	Pass
		5200	2.88	<=11	Pass
		5240	2.94	<=11	Pass
		5260	2.26	<=11	Pass
		5300	2.12	<=11	Pass
		5320	2.22	<=11	Pass
802.11n (HT40)	SISO	5190	-0.15	<=11	Pass
		5230	0.04	<=11	Pass
		5270	-0.78	<=11	Pass
		5310	-0.83	<=11	Pass
802.11ac (VHT20)	SISO	5180	2.71	<=11	Pass
		5200	2.75	<=11	Pass
		5240	2.99	<=11	Pass
		5260	2.38	<=11	Pass
		5300	2.09	<=11	Pass
		5320	2.35	<=11	Pass
802.11ac (VHT40)	SISO	5190	-0.12	<=11	Pass
		5230	-0.05	<=11	Pass
		5270	-0.50	<=11	Pass
		5310	-0.71	<=11	Pass
802.11ac (VHT80)	SISO	5210	-3.06	<=11	Pass
		5290	-3.78	<=11	Pass

Note1: Antenna Gain: Ant1: 3.27dBi;

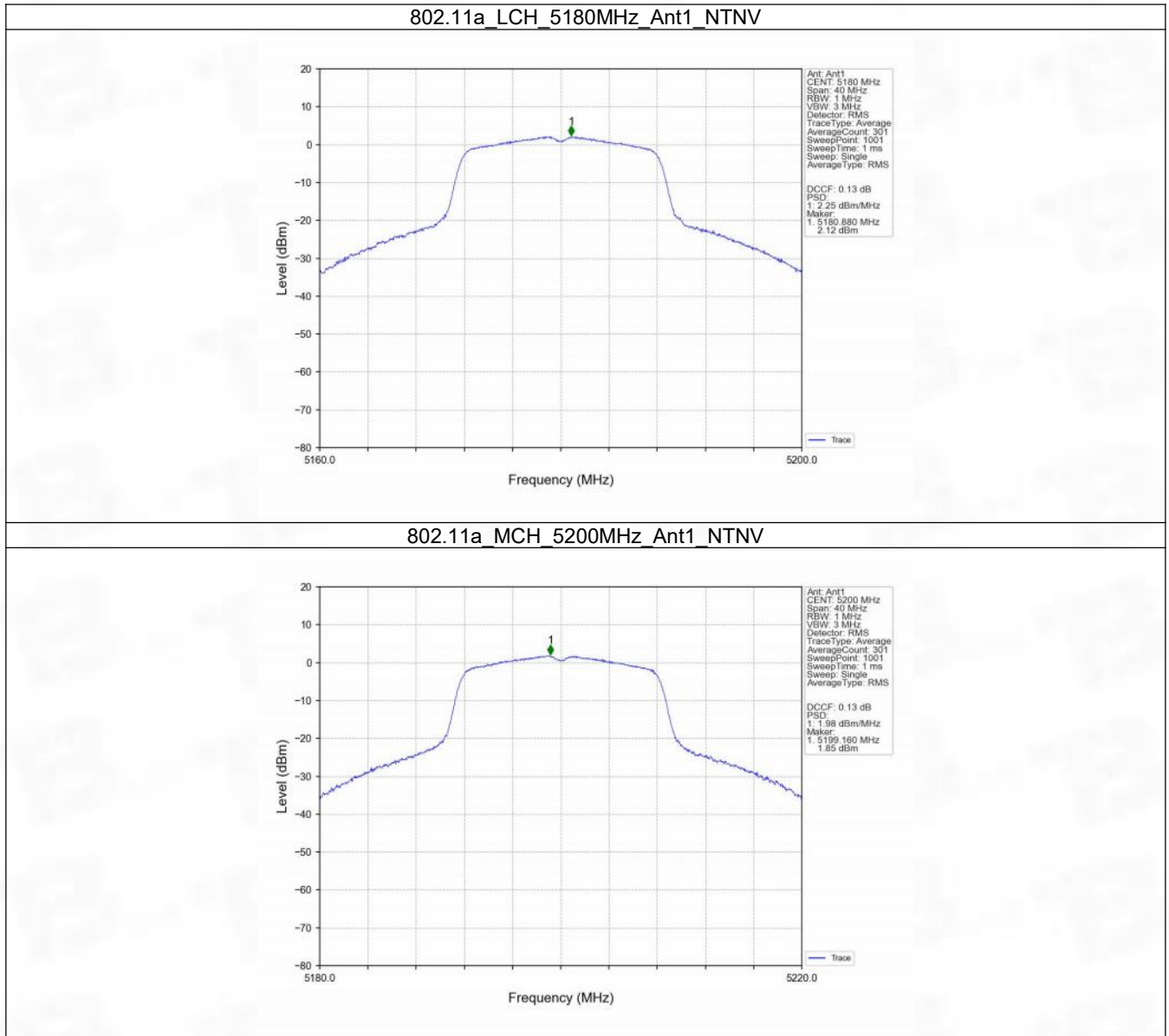
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.50	<=30	Pass
		5785	-2.80	<=30	Pass
		5825	-4.37	<=30	Pass
802.11n (HT20)	SISO	5745	-2.90	<=30	Pass
		5785	-3.19	<=30	Pass
		5825	-4.75	<=30	Pass
802.11n (HT40)	SISO	5755	-5.85	<=30	Pass
		5795	-6.55	<=30	Pass
802.11ac (VHT20)	SISO	5745	-2.68	<=30	Pass
		5785	-3.23	<=30	Pass
		5825	-4.70	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.79	<=30	Pass
		5795	-6.09	<=30	Pass
802.11ac	SISO	5775	-9.50	<=30	Pass

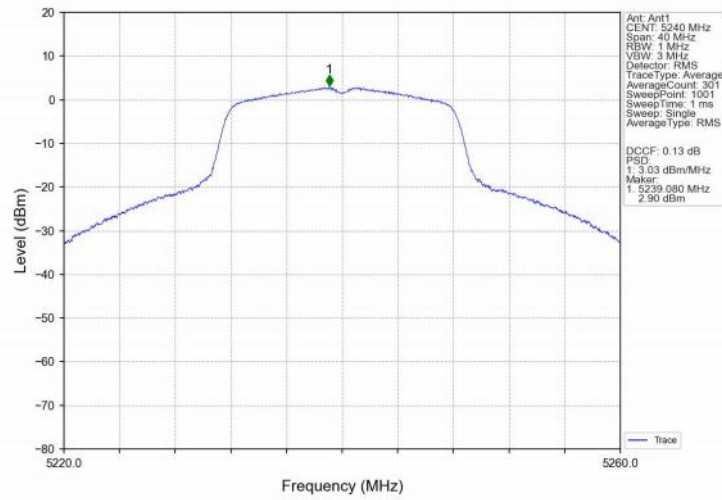
(VHT80)					
Note1: Antenna Gain: Ant1: 4.13dBi; Note2: Factor RBW= $10\log(500/300)=2.22$ Note3: $PSD(500)=PSD(300)+\text{Factor RBW}+DCCF$					

4.2 Test Graph

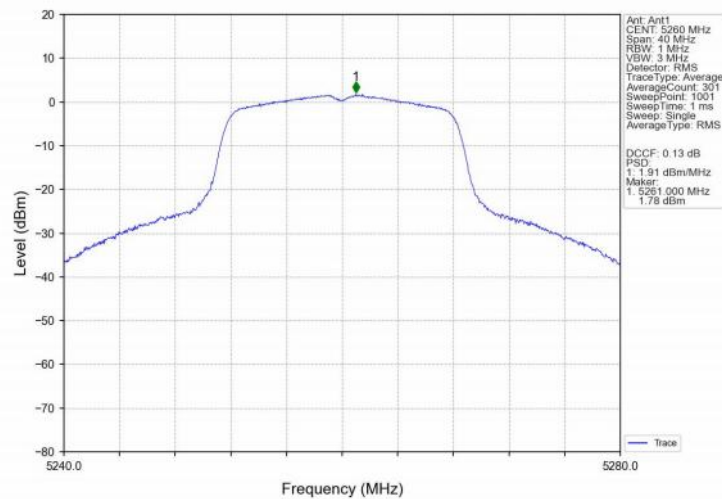
4.2.1 PSD



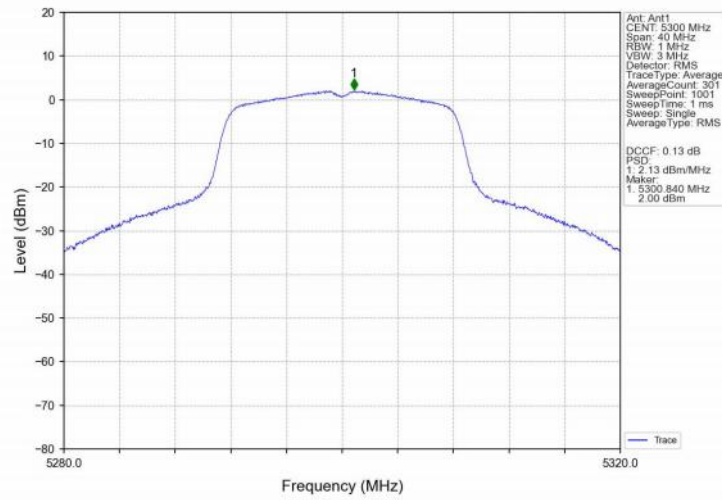
802.11a_HCH_5240MHz_Ant1_NTNV



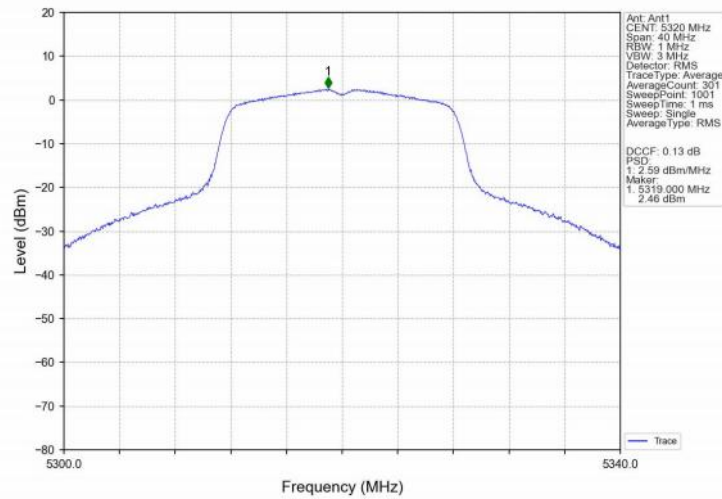
802.11a_LCH_5260MHz_Ant1_NTNV



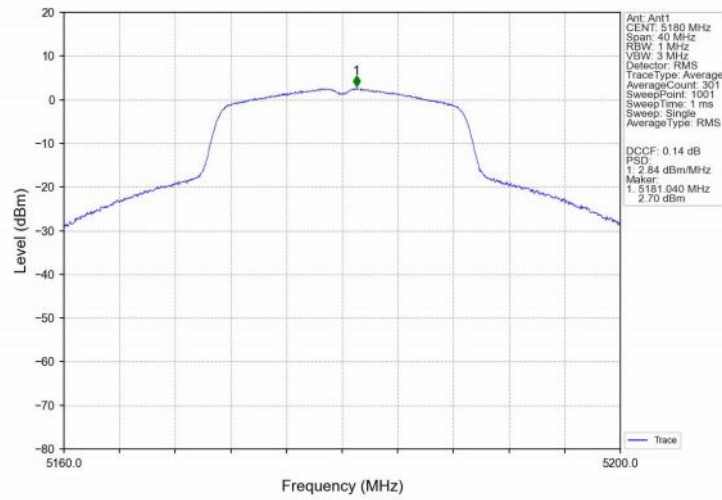
802.11a_MCH_5300MHz_Ant1_NTNV



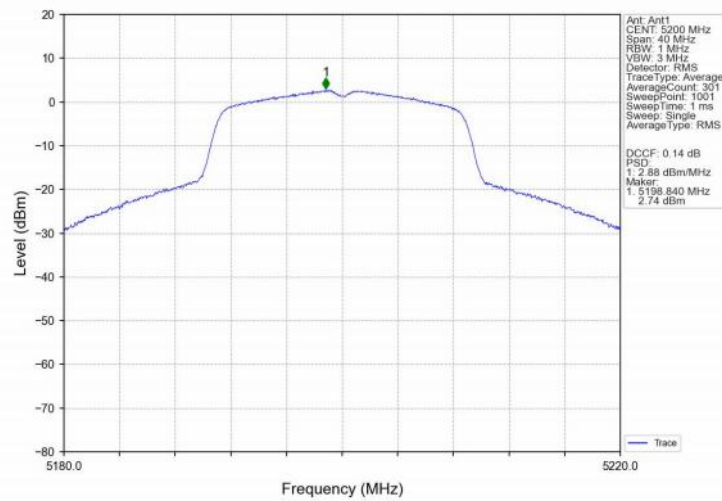
802.11a_HCH_5320MHz_Ant1_NTNV



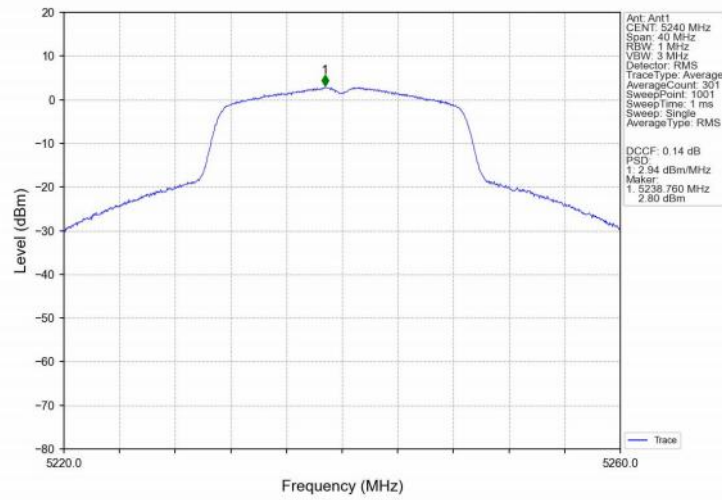
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



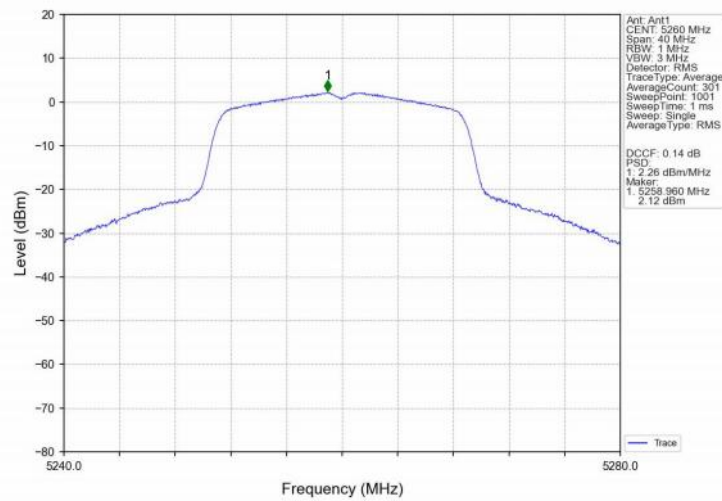
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



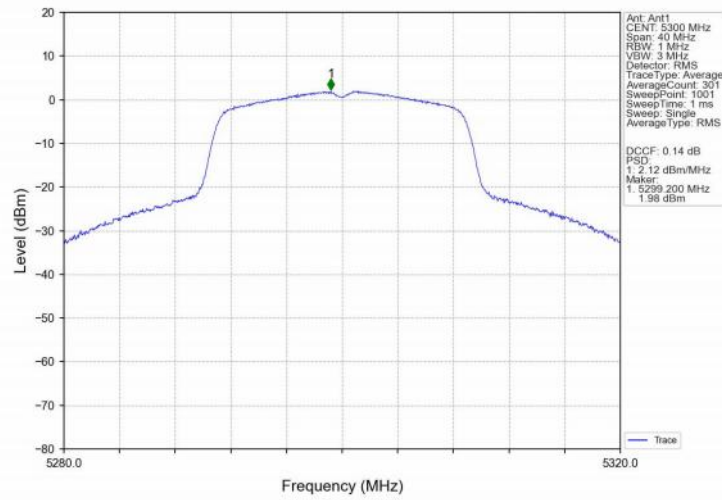
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



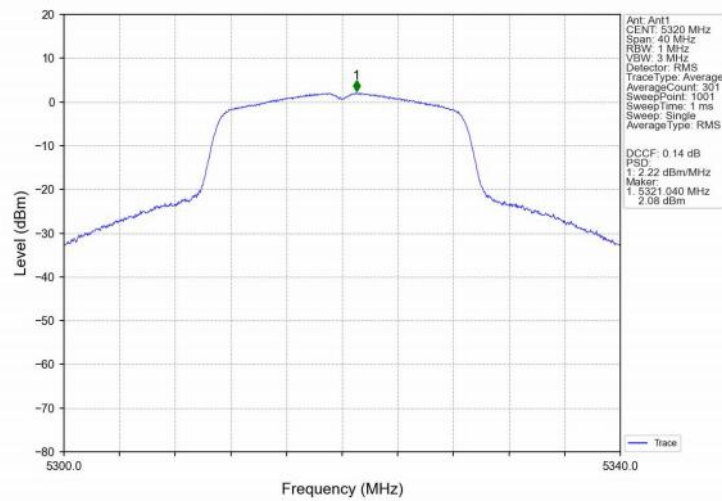
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



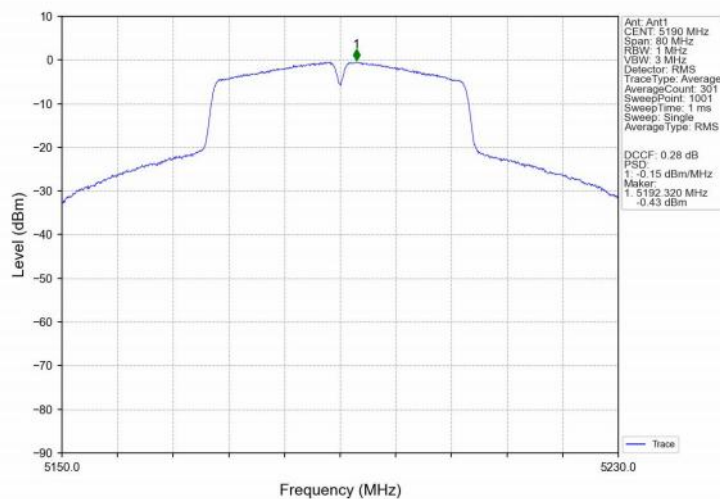
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



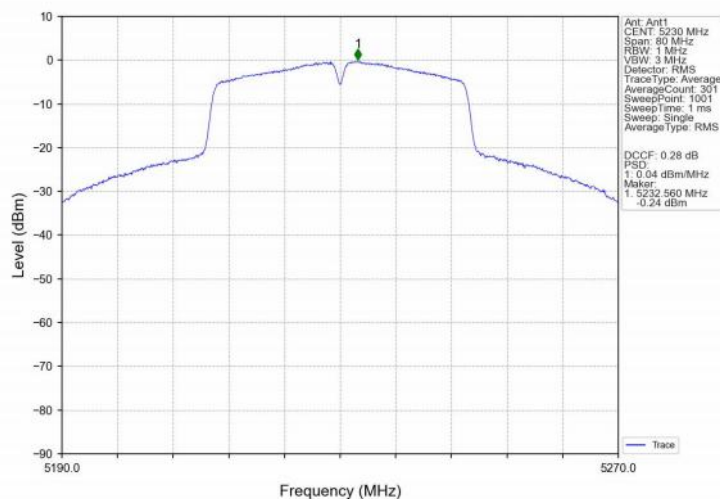
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



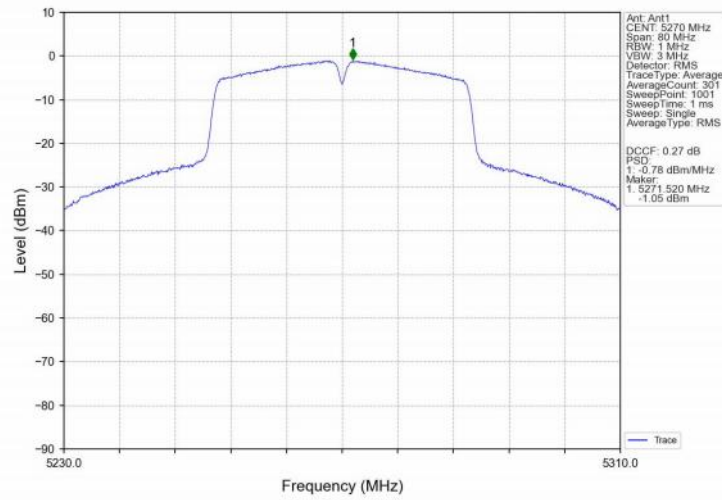
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



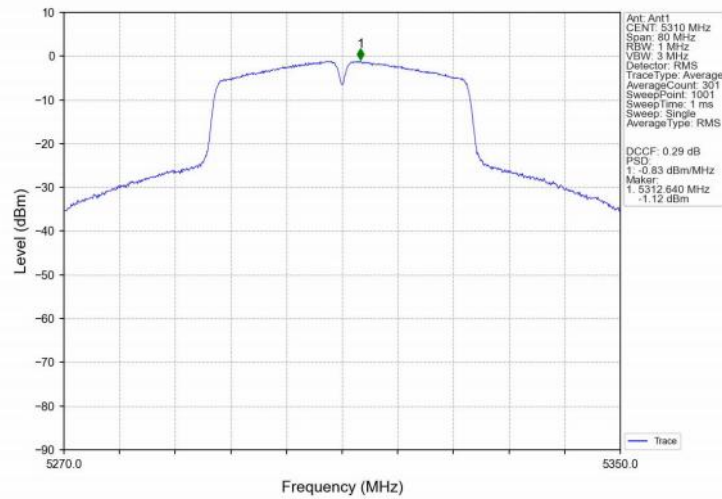
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



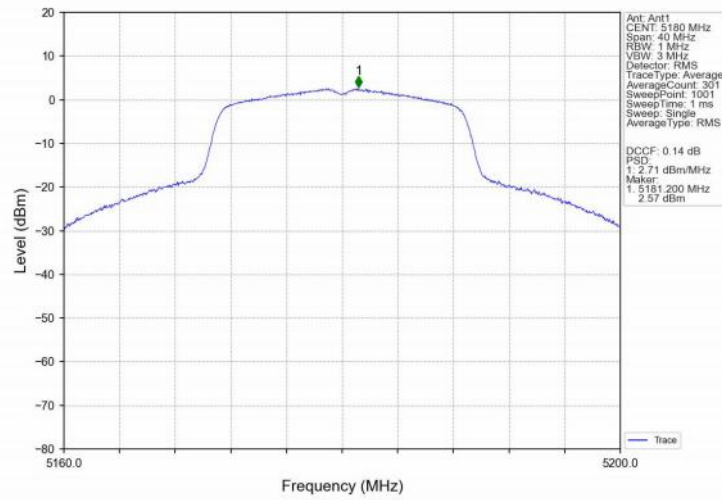
802.11n(HT40)_LCH_5270MHz_Ant1_NTNV



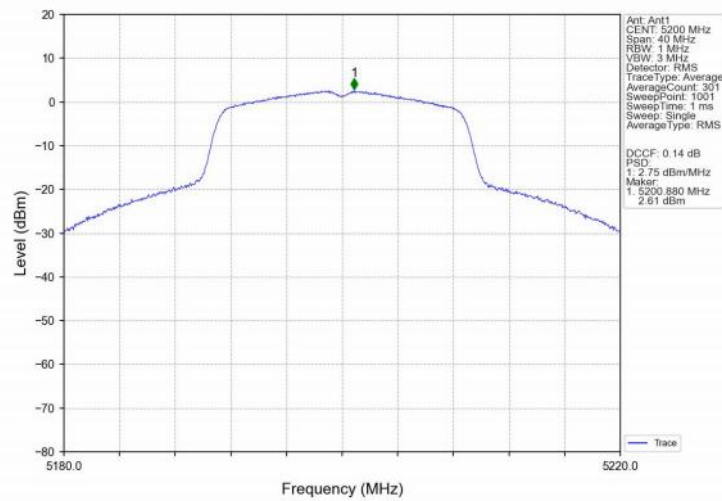
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



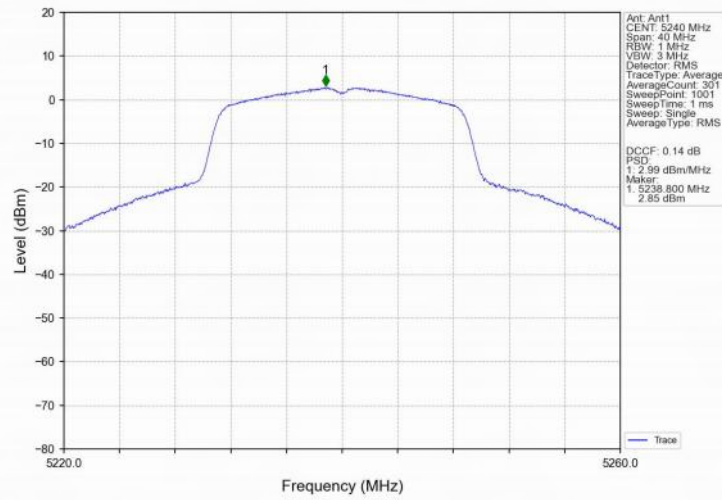
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



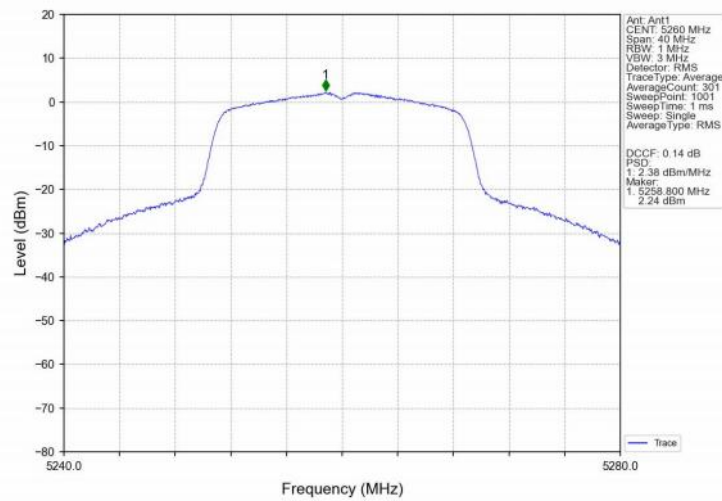
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



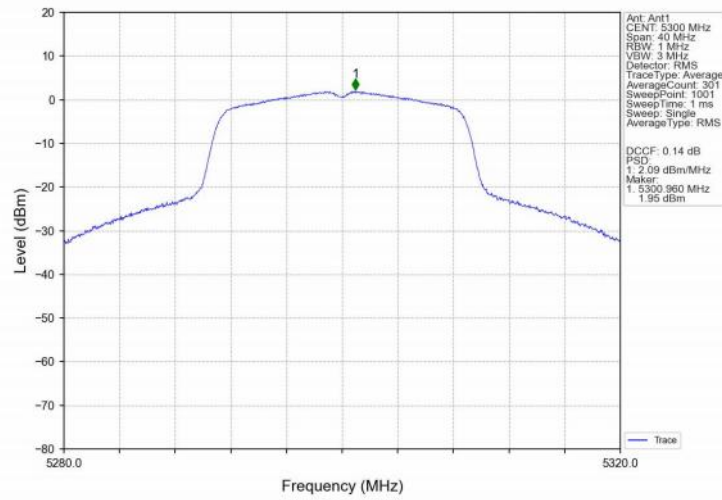
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



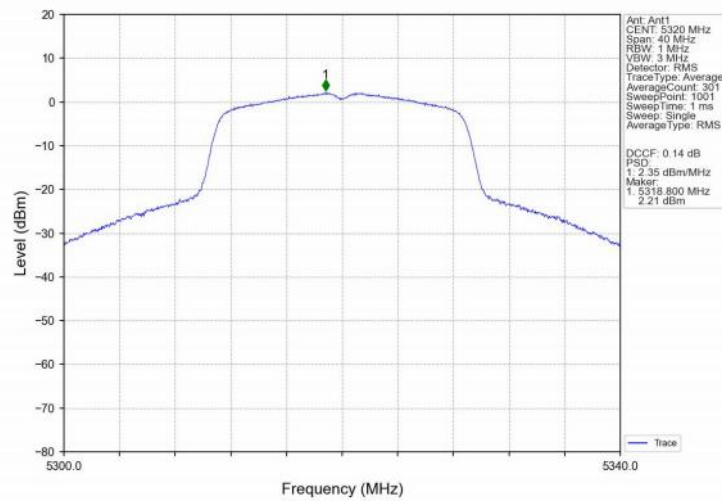
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



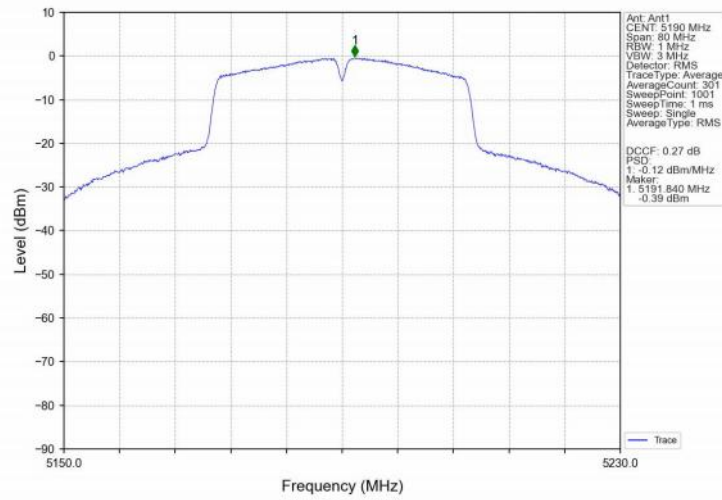
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



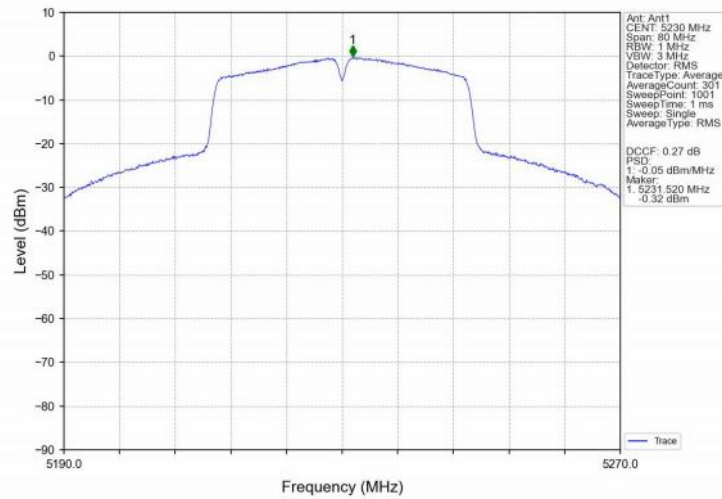
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



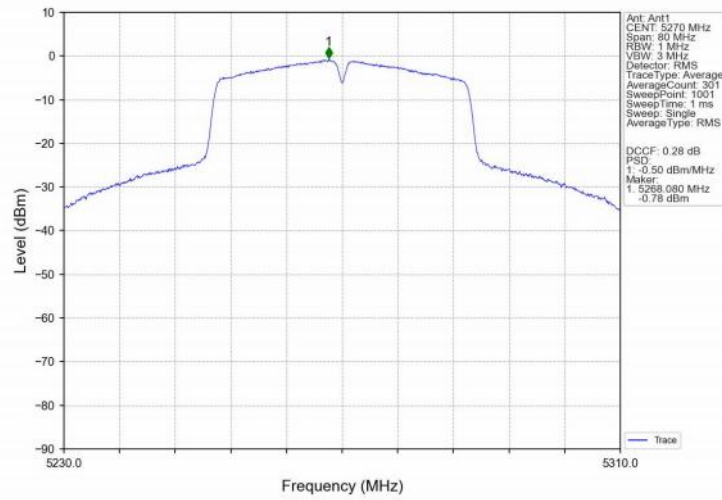
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



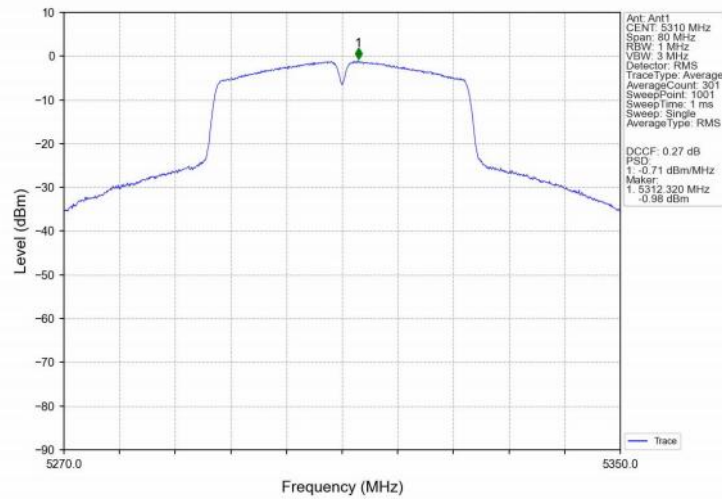
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



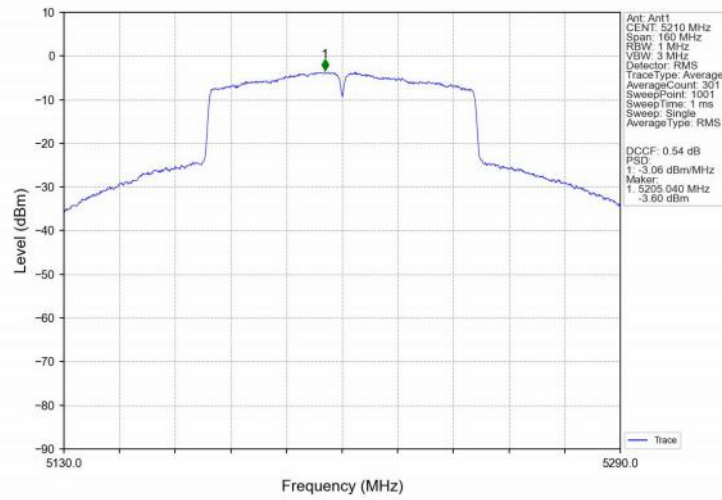
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



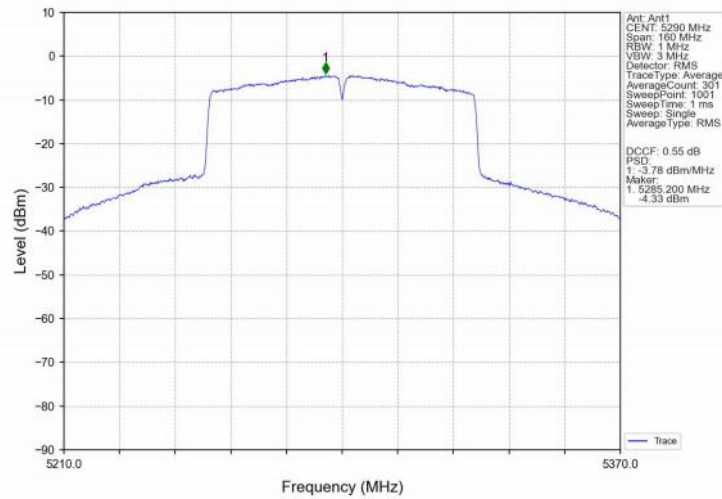
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



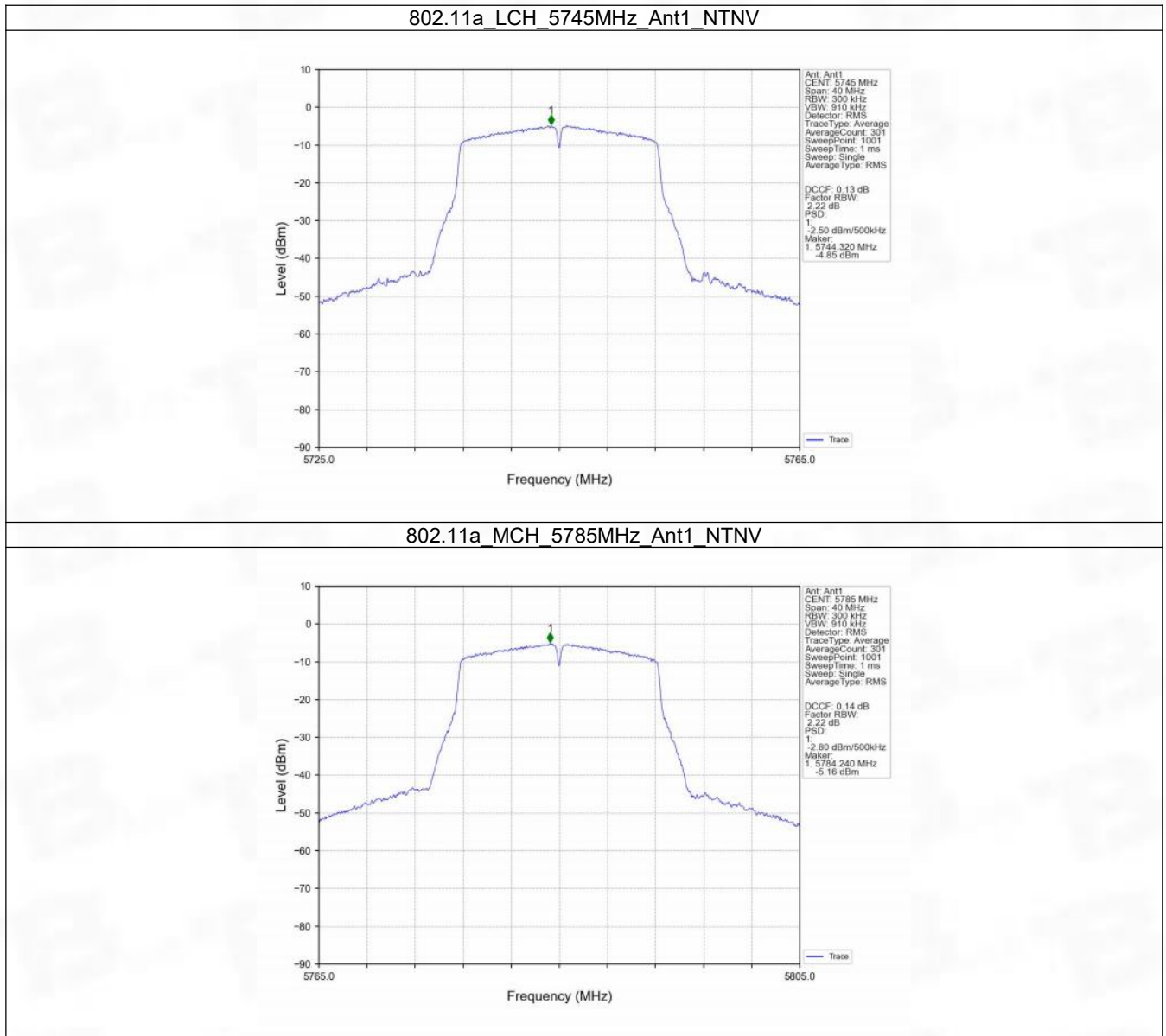
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



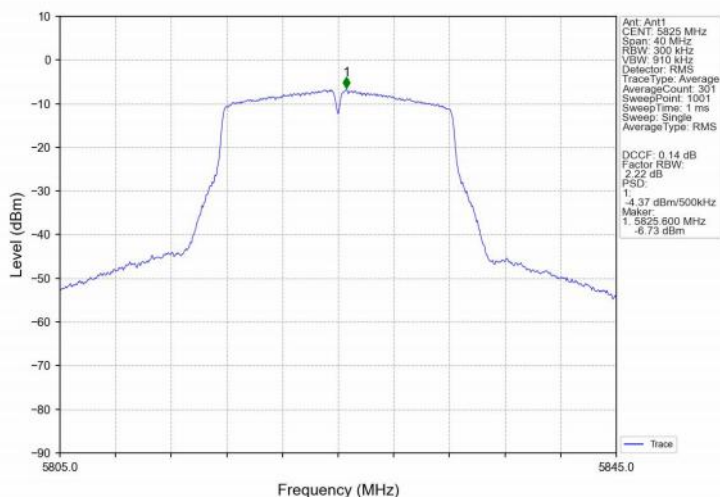
802.11ac(VHT80)_MCH_5290MHz_Ant1_NTNV



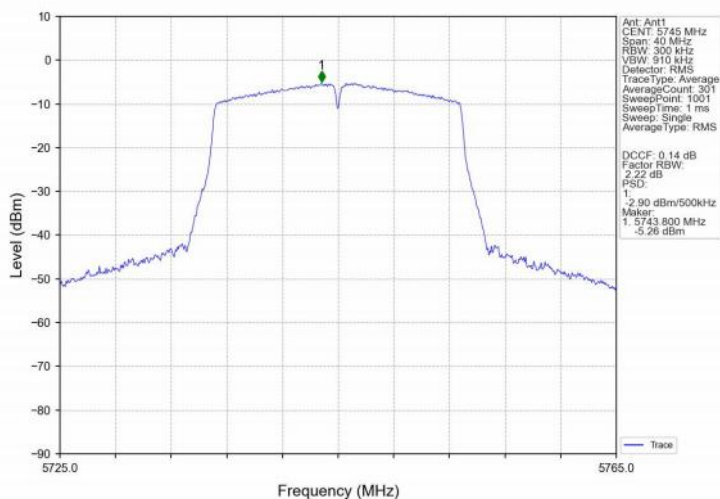
4.2.2 PSD-Band3



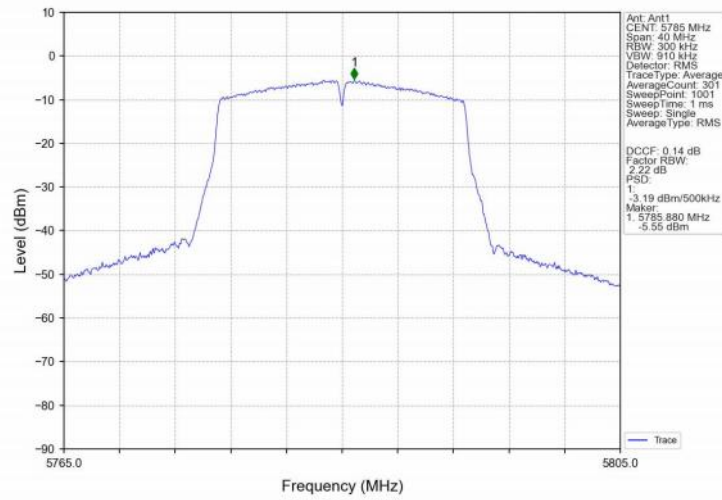
802.11a_HCH_5825MHz_Ant1_NTNV



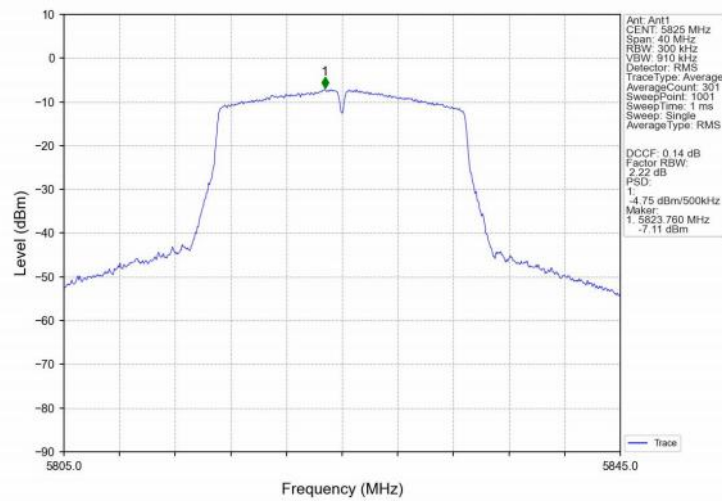
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



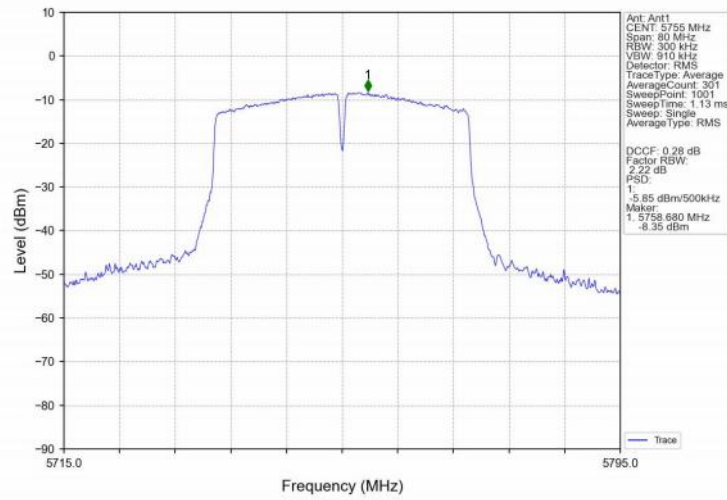
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



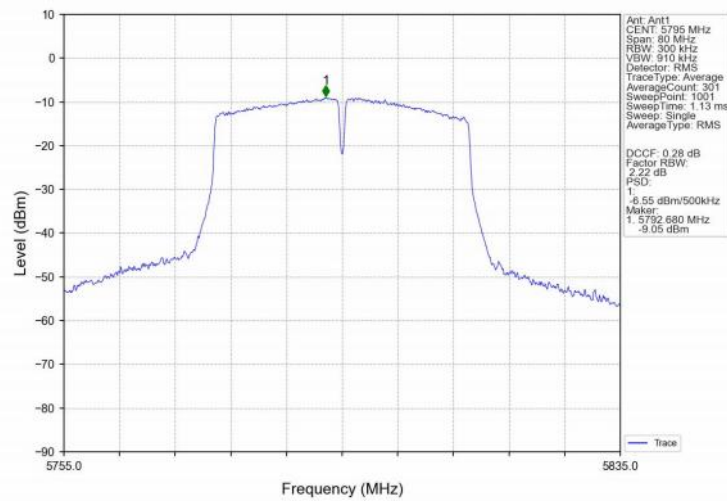
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



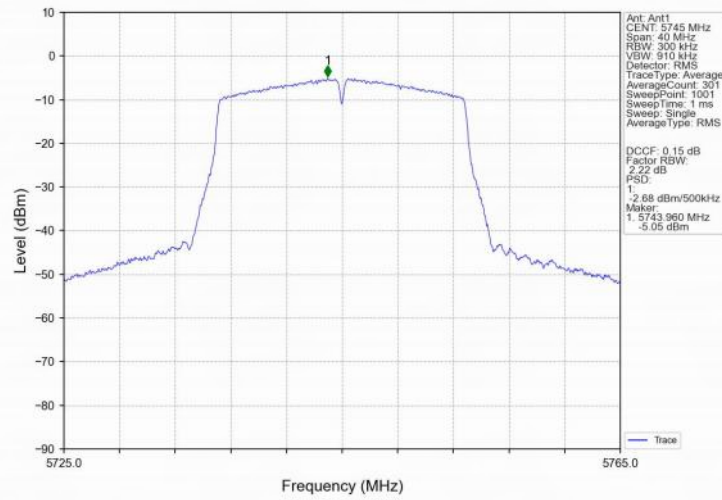
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



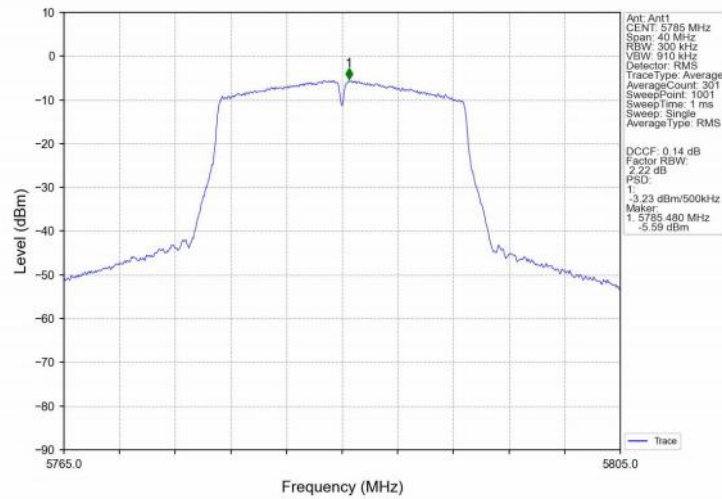
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



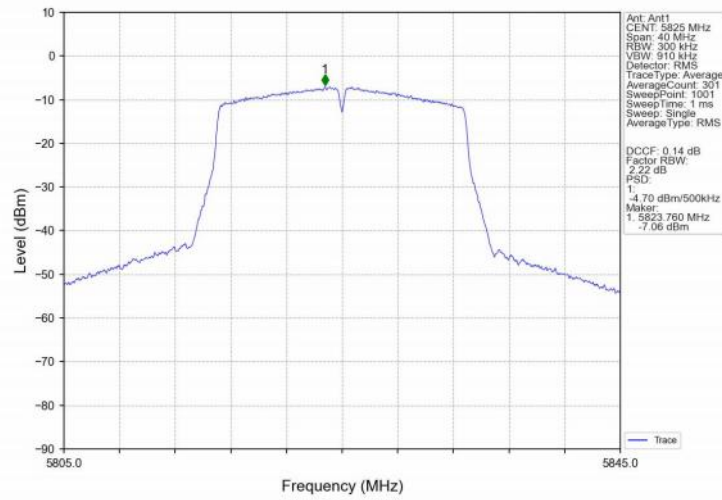
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



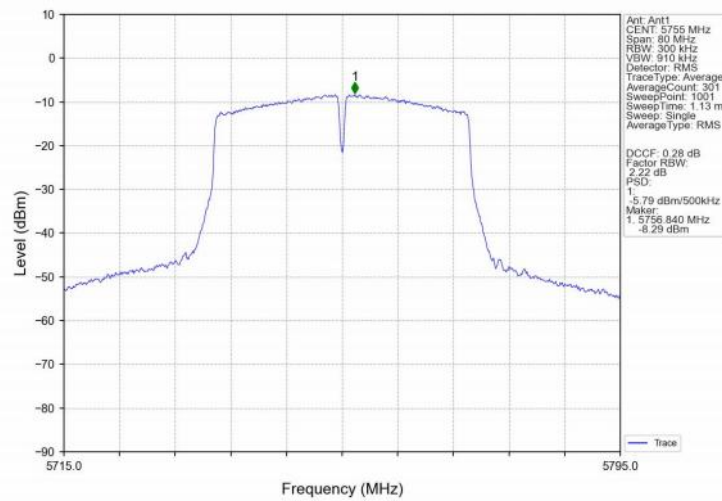
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



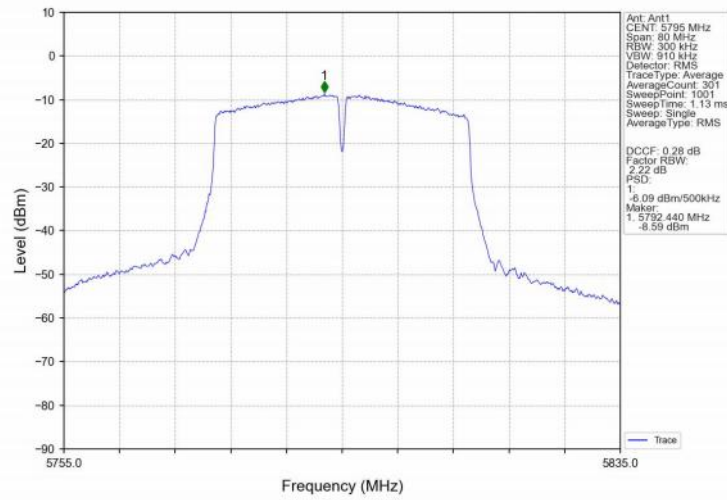
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



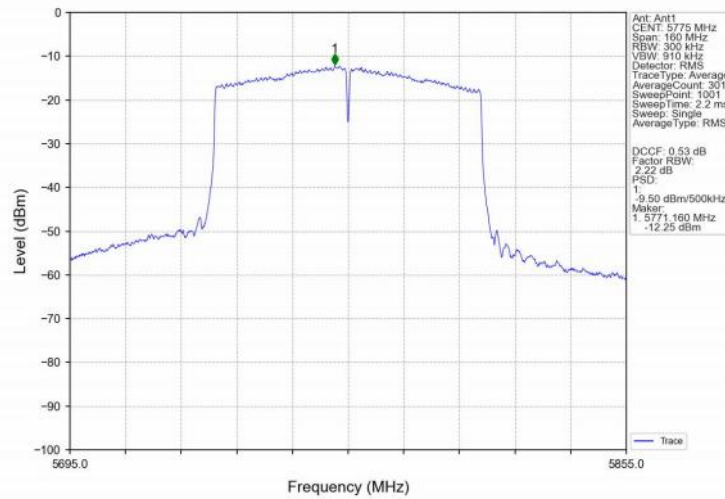
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5179.980	5150 to 5250	Pass
			-30	120	5179.940	5150 to 5250	Pass
			-20	120	5180.000	5150 to 5250	Pass
			-10	120	5179.980	5150 to 5250	Pass
			0	120	5180.060	5150 to 5250	Pass
			10	120	5180.000	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5179.960	5150 to 5250	Pass
			50	120	5179.960	5150 to 5250	Pass
		5200	20	102	5199.920	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
				138	5199.960	5150 to 5250	Pass
			-30	120	5199.980	5150 to 5250	Pass
			-20	120	5199.960	5150 to 5250	Pass
			-10	120	5199.940	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
			10	120	5200.000	5150 to 5250	Pass
			30	120	5199.920	5150 to 5250	Pass
			40	120	5200.020	5150 to 5250	Pass
			50	120	5199.980	5150 to 5250	Pass
		5240	20	102	5239.980	5150 to 5250	Pass
				120	5239.920	5150 to 5250	Pass
				138	5239.980	5150 to 5250	Pass
			-30	120	5239.940	5150 to 5250	Pass
			-20	120	5239.920	5150 to 5250	Pass
			-10	120	5240.060	5150 to 5250	Pass
			0	120	5240.000	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	Pass
			30	120	5239.980	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
			50	120	5239.940	5150 to 5250	Pass
		5260	20	102	5260.040	5250 to 5350	Pass
				120	5259.920	5250 to 5350	Pass
				138	5260.000	5250 to 5350	Pass
			-30	120	5259.940	5250 to 5350	Pass
			-20	120	5259.980	5250 to 5350	Pass
			-10	120	5260.040	5250 to 5350	Pass
			0	120	5260.040	5250 to 5350	Pass
			10	120	5259.940	5250 to 5350	Pass
			30	120	5260.020	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5260.000	5250 to 5350	Pass
		5300	20	102	5299.960	5250 to 5350	Pass
				120	5300.060	5250 to 5350	Pass
				138	5300.020	5250 to 5350	Pass

			-30	120	5300.020	5250 to 5350	Pass
			-20	120	5300.040	5250 to 5350	Pass
			-10	120	5300.000	5250 to 5350	Pass
			0	120	5299.980	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			30	120	5299.960	5250 to 5350	Pass
			40	120	5299.940	5250 to 5350	Pass
			50	120	5299.940	5250 to 5350	Pass
		5320	20	102	5319.940	5250 to 5350	Pass
				120	5319.980	5250 to 5350	Pass
				138	5320.060	5250 to 5350	Pass
			-30	120	5319.900	5250 to 5350	Pass
			-20	120	5320.000	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			0	120	5320.000	5250 to 5350	Pass
			10	120	5319.960	5250 to 5350	Pass
			30	120	5320.040	5250 to 5350	Pass
			40	120	5319.980	5250 to 5350	Pass
			50	120	5319.920	5250 to 5350	Pass
		5745	20	102	5744.980	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5744.980	5725 to 5850	Pass
			-30	120	5744.980	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5745.000	5725 to 5850	Pass
			0	120	5744.920	5725 to 5850	Pass
			10	120	5745.000	5725 to 5850	Pass
			30	120	5744.980	5725 to 5850	Pass
			40	120	5744.980	5725 to 5850	Pass
			50	120	5744.980	5725 to 5850	Pass
		5785	20	102	5784.940	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.920	5725 to 5850	Pass
			-10	120	5784.920	5725 to 5850	Pass
			0	120	5784.900	5725 to 5850	Pass
			10	120	5784.980	5725 to 5850	Pass
			30	120	5784.940	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5824.960	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5824.920	5725 to 5850	Pass
			-30	120	5824.860	5725 to 5850	Pass
			-20	120	5824.920	5725 to 5850	Pass
			-10	120	5825.020	5725 to 5850	Pass
			0	120	5824.980	5725 to 5850	Pass
			10	120	5824.880	5725 to 5850	Pass
			30	120	5824.880	5725 to 5850	Pass
			40	120	5824.920	5725 to 5850	Pass
			50	120	5824.920	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5179.960	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5179.940	5150 to 5250	Pass

			0	120	5179.940	5150 to 5250	Pass
			10	120	5179.940	5150 to 5250	Pass
			30	120	5179.980	5150 to 5250	Pass
			40	120	5179.900	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass
		5200	20	102	5199.940	5150 to 5250	Pass
				120	5199.980	5150 to 5250	Pass
				138	5199.960	5150 to 5250	Pass
			-30	120	5200.000	5150 to 5250	Pass
			-20	120	5199.980	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass
			0	120	5199.940	5150 to 5250	Pass
			10	120	5200.000	5150 to 5250	Pass
			30	120	5200.000	5150 to 5250	Pass
			40	120	5200.000	5150 to 5250	Pass
			50	120	5199.960	5150 to 5250	Pass
		5240	20	102	5239.960	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5239.960	5150 to 5250	Pass
			-30	120	5239.940	5150 to 5250	Pass
			-20	120	5240.000	5150 to 5250	Pass
			-10	120	5239.980	5150 to 5250	Pass
			0	120	5239.920	5150 to 5250	Pass
			10	120	5240.000	5150 to 5250	Pass
			30	120	5239.980	5150 to 5250	Pass
			40	120	5239.980	5150 to 5250	Pass
			50	120	5240.120	5150 to 5250	Pass
		5260	20	102	5259.920	5250 to 5350	Pass
				120	5259.940	5250 to 5350	Pass
				138	5259.980	5250 to 5350	Pass
			-30	120	5260.000	5250 to 5350	Pass
			-20	120	5260.000	5250 to 5350	Pass
			-10	120	5259.900	5250 to 5350	Pass
			0	120	5260.000	5250 to 5350	Pass
			10	120	5260.060	5250 to 5350	Pass
			30	120	5260.000	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5259.980	5250 to 5350	Pass
		5300	20	102	5299.960	5250 to 5350	Pass
				120	5299.960	5250 to 5350	Pass
				138	5300.020	5250 to 5350	Pass
			-30	120	5300.020	5250 to 5350	Pass
			-20	120	5300.080	5250 to 5350	Pass
			-10	120	5300.000	5250 to 5350	Pass
			0	120	5299.960	5250 to 5350	Pass
			10	120	5300.060	5250 to 5350	Pass
			30	120	5300.040	5250 to 5350	Pass
			40	120	5299.960	5250 to 5350	Pass
			50	120	5299.960	5250 to 5350	Pass
		5320	20	102	5320.020	5250 to 5350	Pass
				120	5319.980	5250 to 5350	Pass
				138	5319.980	5250 to 5350	Pass
			-30	120	5319.880	5250 to 5350	Pass
			-20	120	5320.000	5250 to 5350	Pass
			-10	120	5320.040	5250 to 5350	Pass
			0	120	5319.960	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.020	5250 to 5350	Pass

			40	120	5320.040	5250 to 5350	Pass
			50	120	5320.060	5250 to 5350	Pass
		5745	20	102	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5744.960	5725 to 5850	Pass
			-30	120	5745.040	5725 to 5850	Pass
			-20	120	5744.980	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5745.020	5725 to 5850	Pass
			10	120	5744.940	5725 to 5850	Pass
			30	120	5745.040	5725 to 5850	Pass
			40	120	5744.980	5725 to 5850	Pass
			50	120	5744.940	5725 to 5850	Pass
		5785	20	102	5784.940	5725 to 5850	Pass
				120	5784.960	5725 to 5850	Pass
				138	5784.980	5725 to 5850	Pass
			-30	120	5784.920	5725 to 5850	Pass
			-20	120	5784.940	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.880	5725 to 5850	Pass
			10	120	5784.880	5725 to 5850	Pass
			30	120	5785.020	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5784.940	5725 to 5850	Pass
		5825	20	102	5824.980	5725 to 5850	Pass
				120	5824.980	5725 to 5850	Pass
				138	5824.960	5725 to 5850	Pass
			-30	120	5824.920	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5824.920	5725 to 5850	Pass
			0	120	5824.920	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	5824.980	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	102	5189.960	5150 to 5250	Pass
				120	5189.960	5150 to 5250	Pass
				138	5189.960	5150 to 5250	Pass
			-30	120	5190.000	5150 to 5250	Pass
			-20	120	5190.080	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5189.960	5150 to 5250	Pass
			10	120	5190.000	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5189.960	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.000	5150 to 5250	Pass
				138	5230.000	5150 to 5250	Pass
			-30	120	5230.040	5150 to 5250	Pass
			-20	120	5230.040	5150 to 5250	Pass
			-10	120	5230.000	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5230.040	5150 to 5250	Pass
			30	120	5230.000	5150 to 5250	Pass
			40	120	5230.000	5150 to 5250	Pass
			50	120	5230.000	5150 to 5250	Pass
		5270	20	102	5270.000	5250 to 5350	Pass

				120	5270.040	5250 to 5350	Pass
				138	5269.960	5250 to 5350	Pass
			-30	120	5269.960	5250 to 5350	Pass
			-20	120	5270.000	5250 to 5350	Pass
			-10	120	5269.960	5250 to 5350	Pass
			0	120	5269.960	5250 to 5350	Pass
			10	120	5270.000	5250 to 5350	Pass
			30	120	5270.040	5250 to 5350	Pass
			40	120	5270.000	5250 to 5350	Pass
			50	120	5270.000	5250 to 5350	Pass
		5310	20	102	5310.040	5250 to 5350	Pass
				120	5310.000	5250 to 5350	Pass
				138	5310.000	5250 to 5350	Pass
			-30	120	5310.000	5250 to 5350	Pass
			-20	120	5310.040	5250 to 5350	Pass
			-10	120	5310.000	5250 to 5350	Pass
			0	120	5310.040	5250 to 5350	Pass
			10	120	5310.040	5250 to 5350	Pass
			30	120	5310.000	5250 to 5350	Pass
			40	120	5310.040	5250 to 5350	Pass
			50	120	5309.960	5250 to 5350	Pass
		5755	20	102	5755.000	5725 to 5850	Pass
				120	5755.000	5725 to 5850	Pass
				138	5755.000	5725 to 5850	Pass
			-30	120	5754.920	5725 to 5850	Pass
			-20	120	5755.000	5725 to 5850	Pass
			-10	120	5754.960	5725 to 5850	Pass
			0	120	5755.000	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
			30	120	5755.040	5725 to 5850	Pass
			40	120	5755.000	5725 to 5850	Pass
			50	120	5755.000	5725 to 5850	Pass
		5795	20	102	5795.000	5725 to 5850	Pass
				120	5794.960	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5794.920	5725 to 5850	Pass
			-20	120	5794.960	5725 to 5850	Pass
			-10	120	5794.960	5725 to 5850	Pass
			0	120	5794.960	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
			40	120	5794.960	5725 to 5850	Pass
			50	120	5794.960	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5180.060	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5179.940	5150 to 5250	Pass
			-30	120	5179.940	5150 to 5250	Pass
			-20	120	5179.960	5150 to 5250	Pass
			-10	120	5179.960	5150 to 5250	Pass
			0	120	5179.960	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5179.920	5150 to 5250	Pass
			50	120	5180.040	5150 to 5250	Pass
		5200	20	102	5199.900	5150 to 5250	Pass
				120	5200.000	5150 to 5250	Pass
				138	5199.960	5150 to 5250	Pass
			-30	120	5199.960	5150 to 5250	Pass

			-20	120	5200.120	5150 to 5250	Pass
			-10	120	5199.940	5150 to 5250	Pass
			0	120	5199.980	5150 to 5250	Pass
			10	120	5200.060	5150 to 5250	Pass
			30	120	5199.980	5150 to 5250	Pass
			40	120	5199.900	5150 to 5250	Pass
			50	120	5199.980	5150 to 5250	Pass
	5240	20		102	5239.900	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5240.080	5150 to 5250	Pass
		-30		120	5239.980	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
				120	5240.080	5150 to 5250	Pass
		-10		120	5240.080	5150 to 5250	Pass
				120	5240.000	5150 to 5250	Pass
				120	5239.960	5150 to 5250	Pass
		10		120	5239.940	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
		30		120	5259.980	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
				138	5259.960	5250 to 5350	Pass
	5260	-30		120	5259.940	5250 to 5350	Pass
				120	5259.980	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
		-20		120	5259.980	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
				120	5259.980	5250 to 5350	Pass
		-10		120	5260.020	5250 to 5350	Pass
				120	5259.980	5250 to 5350	Pass
				120	5260.080	5250 to 5350	Pass
		0		120	5299.900	5250 to 5350	Pass
				120	5299.900	5250 to 5350	Pass
				138	5300.020	5250 to 5350	Pass
		10		120	5299.940	5250 to 5350	Pass
				120	5300.040	5250 to 5350	Pass
				120	5299.980	5250 to 5350	Pass
	5300	10		120	5299.980	5250 to 5350	Pass
				120	5299.960	5250 to 5350	Pass
				120	5299.980	5250 to 5350	Pass
		30		120	5299.960	5250 to 5350	Pass
				120	5299.980	5250 to 5350	Pass
				120	5300.080	5250 to 5350	Pass
		40		120	5320.020	5250 to 5350	Pass
				120	5319.980	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
		-30		120	5319.980	5250 to 5350	Pass
				120	5320.040	5250 to 5350	Pass
				120	5319.980	5250 to 5350	Pass
		-20		120	5320.040	5250 to 5350	Pass
				120	5320.020	5250 to 5350	Pass
				120	5319.960	5250 to 5350	Pass
	5320	30		120	5319.980	5250 to 5350	Pass
				120	5319.940	5250 to 5350	Pass
				120	5744.960	5725 to 5850	Pass
		40		120	5744.980	5725 to 5850	Pass
				138	5744.920	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
		-30		120	5744.980	5725 to 5850	Pass
				120	5744.960	5725 to 5850	Pass
				120	5745.040	5725 to 5850	Pass
		-20		120	5744.980	5725 to 5850	Pass
				120	5744.960	5725 to 5850	Pass
				120	5745.040	5725 to 5850	Pass
		-10		120	5744.960	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				120	5745.040	5725 to 5850	Pass
		0		120	5745.040	5725 to 5850	Pass

			10	120	5744.920	5725 to 5850	Pass
			30	120	5745.000	5725 to 5850	Pass
			40	120	5744.980	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5784.940	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				138	5784.960	5725 to 5850	Pass
			-30	120	5785.060	5725 to 5850	Pass
			-20	120	5784.900	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.980	5725 to 5850	Pass
			10	120	5784.980	5725 to 5850	Pass
			30	120	5784.920	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
			50	120	5784.960	5725 to 5850	Pass
		5825	20	102	5824.900	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5824.900	5725 to 5850	Pass
			-30	120	5825.000	5725 to 5850	Pass
			-20	120	5824.980	5725 to 5850	Pass
			-10	120	5824.980	5725 to 5850	Pass
			0	120	5824.940	5725 to 5850	Pass
			10	120	5824.900	5725 to 5850	Pass
			30	120	5825.020	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.940	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.000	5150 to 5250	Pass
				120	5189.960	5150 to 5250	Pass
				138	5190.000	5150 to 5250	Pass
			-30	120	5190.000	5150 to 5250	Pass
			-20	120	5190.000	5150 to 5250	Pass
			-10	120	5190.000	5150 to 5250	Pass
			0	120	5190.000	5150 to 5250	Pass
			10	120	5189.960	5150 to 5250	Pass
			30	120	5190.000	5150 to 5250	Pass
			40	120	5190.000	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5230.040	5150 to 5250	Pass
				120	5230.000	5150 to 5250	Pass
				138	5230.040	5150 to 5250	Pass
			-30	120	5230.080	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.000	5150 to 5250	Pass
			0	120	5230.000	5150 to 5250	Pass
			10	120	5230.000	5150 to 5250	Pass
			30	120	5229.960	5150 to 5250	Pass
			40	120	5230.080	5150 to 5250	Pass
			50	120	5230.040	5150 to 5250	Pass
		5270	20	102	5270.000	5250 to 5350	Pass
				120	5269.960	5250 to 5350	Pass
				138	5269.960	5250 to 5350	Pass
			-30	120	5270.000	5250 to 5350	Pass
			-20	120	5270.000	5250 to 5350	Pass
			-10	120	5270.000	5250 to 5350	Pass
			0	120	5270.000	5250 to 5350	Pass
			10	120	5269.960	5250 to 5350	Pass
			30	120	5270.000	5250 to 5350	Pass
			40	120	5270.000	5250 to 5350	Pass

802.11ac (VHT80)	SISO	5310	50	120	5269.920	5250 to 5350	Pass
			20	102	5310.000	5250 to 5350	Pass
				120	5310.000	5250 to 5350	Pass
				138	5309.960	5250 to 5350	Pass
			-30	120	5309.960	5250 to 5350	Pass
			-20	120	5310.000	5250 to 5350	Pass
			-10	120	5309.960	5250 to 5350	Pass
			0	120	5310.000	5250 to 5350	Pass
			10	120	5310.000	5250 to 5350	Pass
			30	120	5310.000	5250 to 5350	Pass
		5755	40	120	5310.080	5250 to 5350	Pass
			50	120	5310.040	5250 to 5350	Pass
			20	102	5755.000	5725 to 5850	Pass
				120	5754.960	5725 to 5850	Pass
				138	5754.960	5725 to 5850	Pass
			-30	120	5755.000	5725 to 5850	Pass
			-20	120	5755.000	5725 to 5850	Pass
			-10	120	5755.000	5725 to 5850	Pass
			0	120	5755.000	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
		5795	30	120	5755.040	5725 to 5850	Pass
			40	120	5755.000	5725 to 5850	Pass
			50	120	5755.040	5725 to 5850	Pass
			20	102	5794.960	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				138	5795.000	5725 to 5850	Pass
			-30	120	5794.960	5725 to 5850	Pass
			-20	120	5794.960	5725 to 5850	Pass
			-10	120	5794.920	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
		5210	10	120	5794.960	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
			40	120	5794.960	5725 to 5850	Pass
			50	120	5794.960	5725 to 5850	Pass
			20	102	5210.000	5150 to 5250	Pass
				120	5210.000	5150 to 5250	Pass
				138	5210.000	5150 to 5250	Pass
			-30	120	5210.000	5150 to 5250	Pass
			-20	120	5210.000	5150 to 5250	Pass
			-10	120	5210.000	5150 to 5250	Pass
		5290	0	120	5210.000	5150 to 5250	Pass
			10	120	5210.000	5150 to 5250	Pass
			30	120	5210.000	5150 to 5250	Pass
			40	120	5210.000	5150 to 5250	Pass
			50	120	5210.000	5150 to 5250	Pass
			20	102	5290.000	5250 to 5350	Pass
				120	5290.000	5250 to 5350	Pass
				138	5290.000	5250 to 5350	Pass
			-30	120	5290.000	5250 to 5350	Pass
			-20	120	5290.000	5250 to 5350	Pass
			-10	120	5290.000	5250 to 5350	Pass
		5775	0	120	5290.000	5250 to 5350	Pass
			10	120	5290.000	5250 to 5350	Pass
			30	120	5290.000	5250 to 5350	Pass
			40	120	5290.000	5250 to 5350	Pass
			50	120	5289.925	5250 to 5350	Pass
			20	102	5775.000	5725 to 5850	Pass
				120	5775.000	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	5775.000	5725 to 5850	Pass
			0	120	5775.000	5725 to 5850	Pass
			10	120	5774.925	5725 to 5850	Pass
			30	120	5775.000	5725 to 5850	Pass
			40	120	5774.925	5725 to 5850	Pass
			50	120	5774.925	5725 to 5850	Pass

6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0222	13.47
5260	5320	0.0195	12.89
5745	5825	0.0115	10.62
5190	5230	0.0213	13.29
5270	5310	0.0183	12.62
5755	5795	0.0114	10.56
5210	5210	0.0227	13.56