

Appendix

Test Data

for BTEK250606024A01-T01

Start date	2025/6/27	Finish date	2025/7/29
Temperature	24.1℃	Humidity	55%
RF specifications	5.3G WIFI	Test Engineer	Zora



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1. Duty Cycle

1.1 Test Result

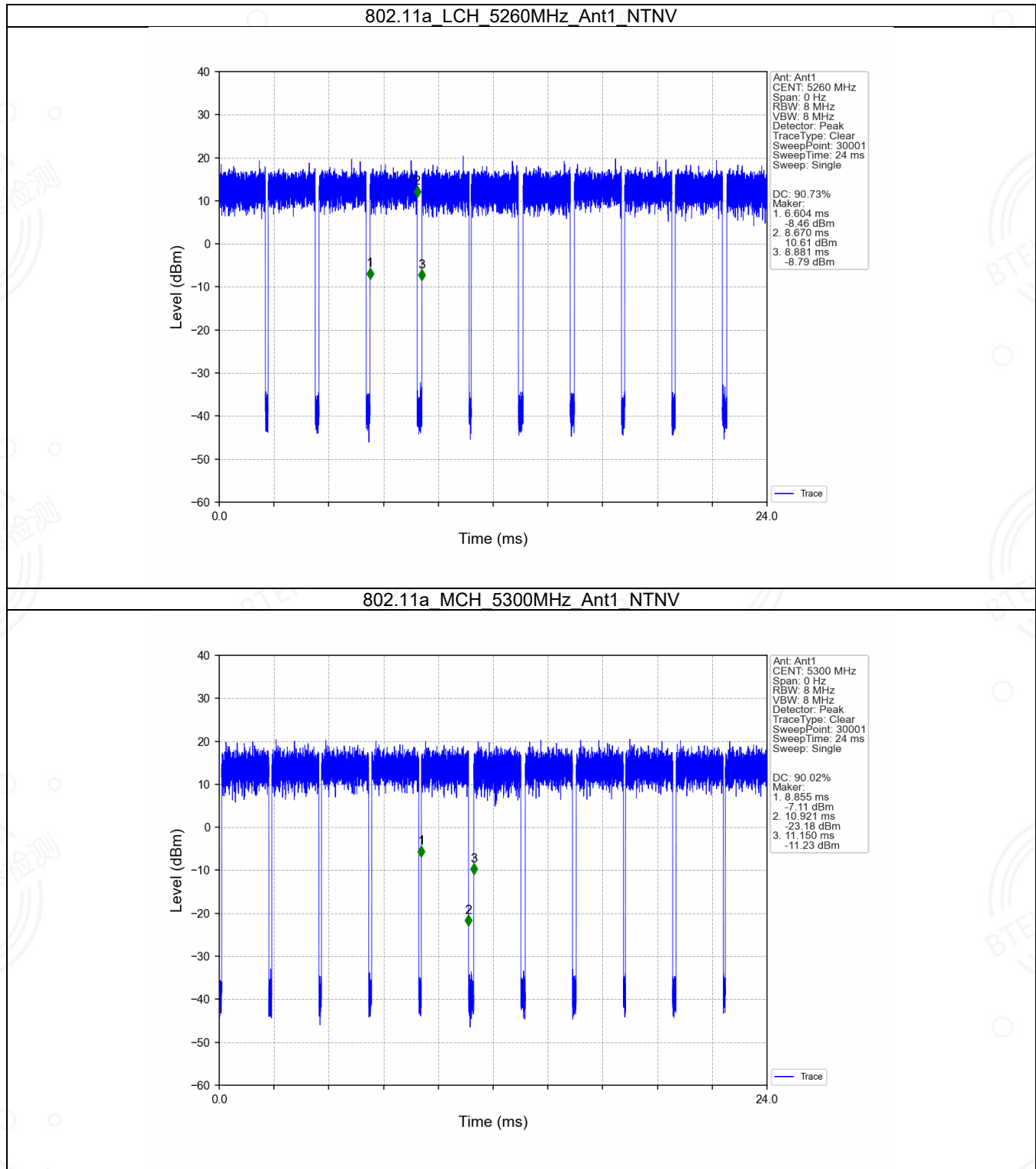
1.1.1 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5260	2.066	2.277	90.73	0.42	4.91
		5300	2.066	2.295	90.02	0.46	5.60
		5320	2.066	2.295	90.02	0.46	5.60
802.11n (HT20)	MIMO	5260	0.986	1.206	81.76	0.87	9.54
		5300	0.985	1.214	81.14	0.91	9.40
		5320	0.986	1.216	81.09	0.91	10.16
802.11n (HT40)	MIMO	5270	0.498	0.718	69.36	1.59	14.77
		5310	0.498	0.709	70.24	1.53	13.90
802.11ac (VHT20)	MIMO	5260	0.994	1.238	80.29	0.95	9.07
		5300	0.993	1.276	77.82	1.09	10.15
		5320	0.993	1.211	82.00	0.86	6.60
802.11ac (VHT40)	MIMO	5270	0.502	0.756	66.40	1.78	14.49
		5310	0.502	0.755	66.49	1.77	13.35
802.11ac (VHT80)	MIMO	5290	0.258	0.502	51.39	2.89	17.21

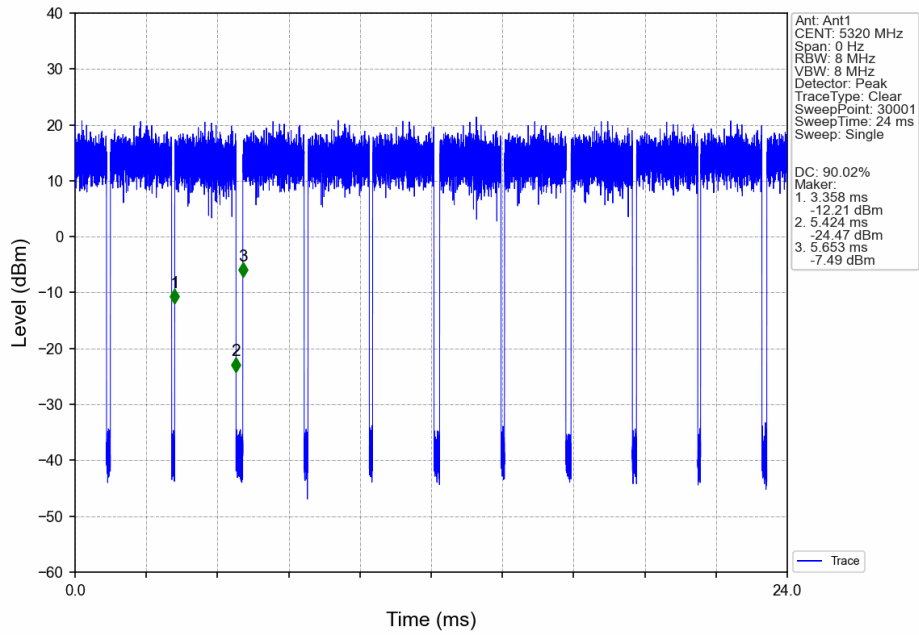


1.2 Test Graph

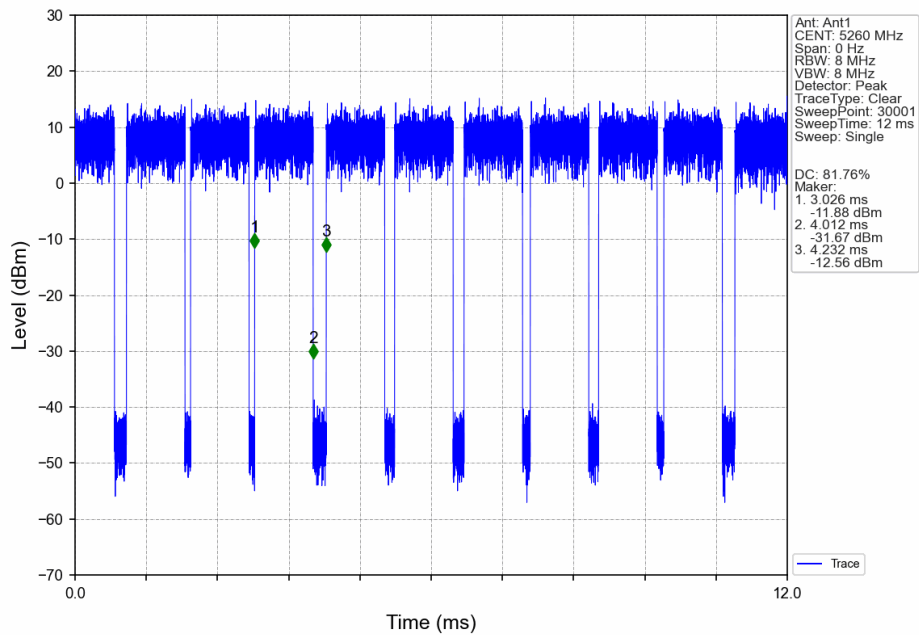
1.2.1 Ant1



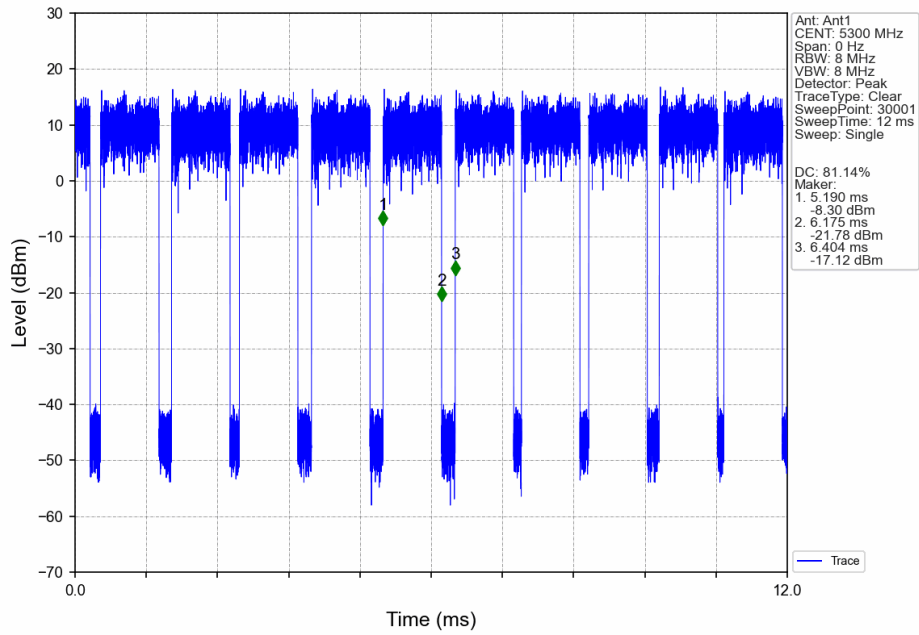
802.11a_HCH_5320MHz_Ant1_NTNV



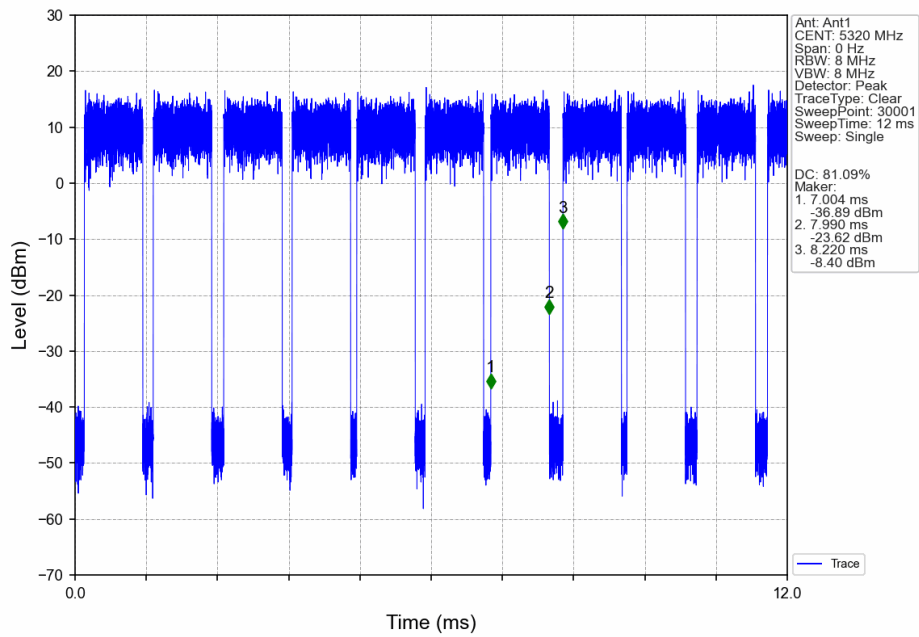
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



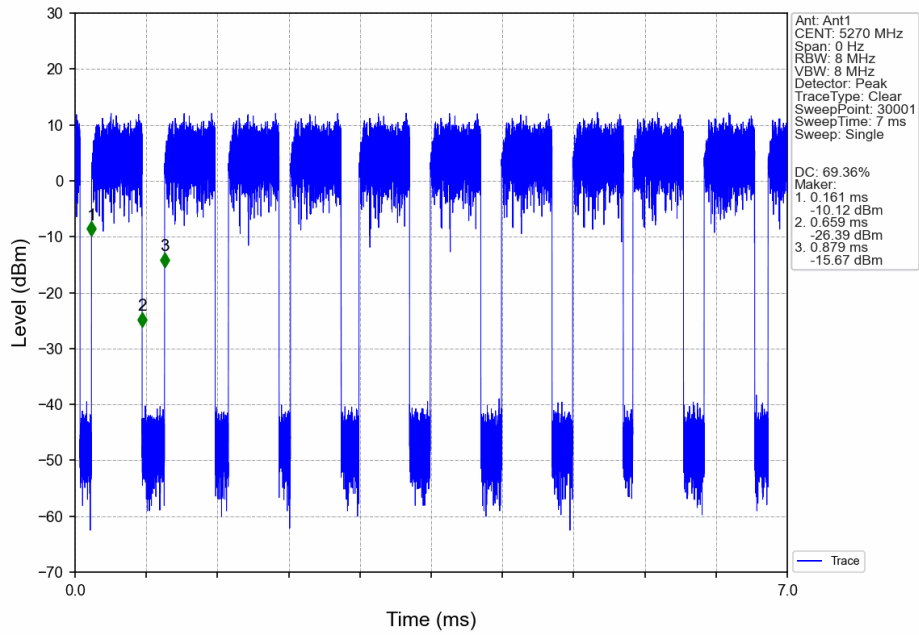
802.11n(HT20) MCH 5300MHz Ant1 NTV



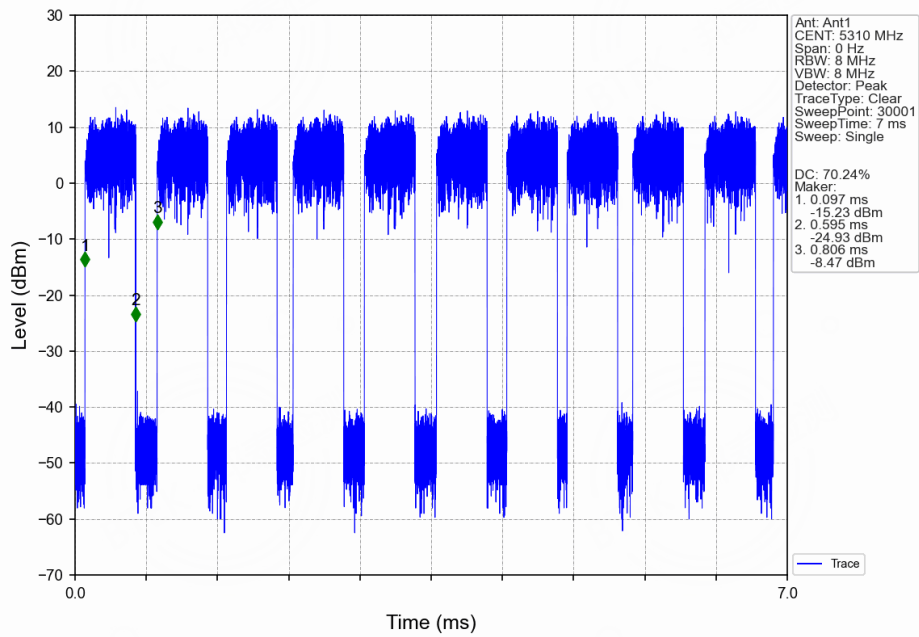
802.11n(HT20)_HCH 5320MHz Ant1 NTV



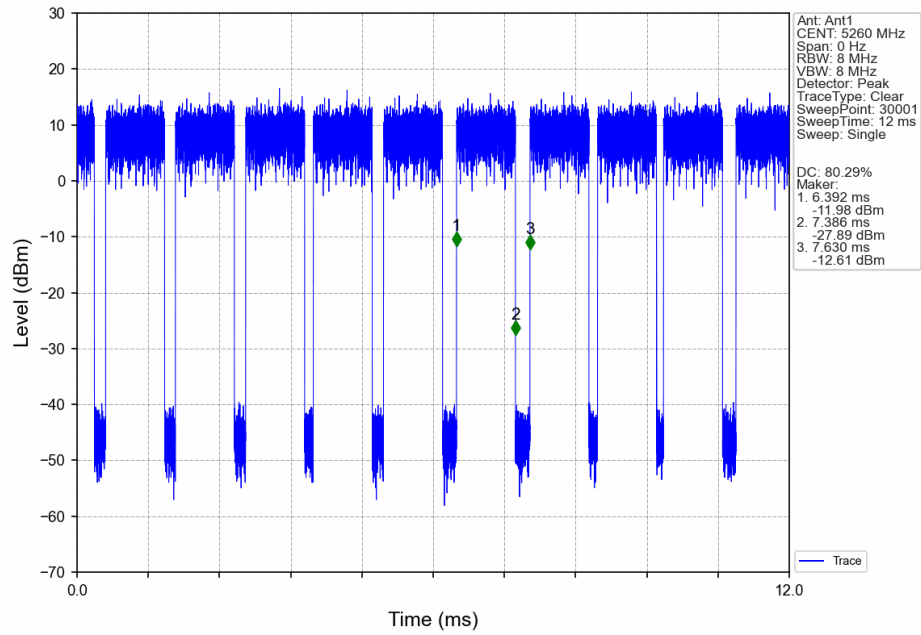
802.11n(HT40) LCH 5270MHz Ant1 NTV



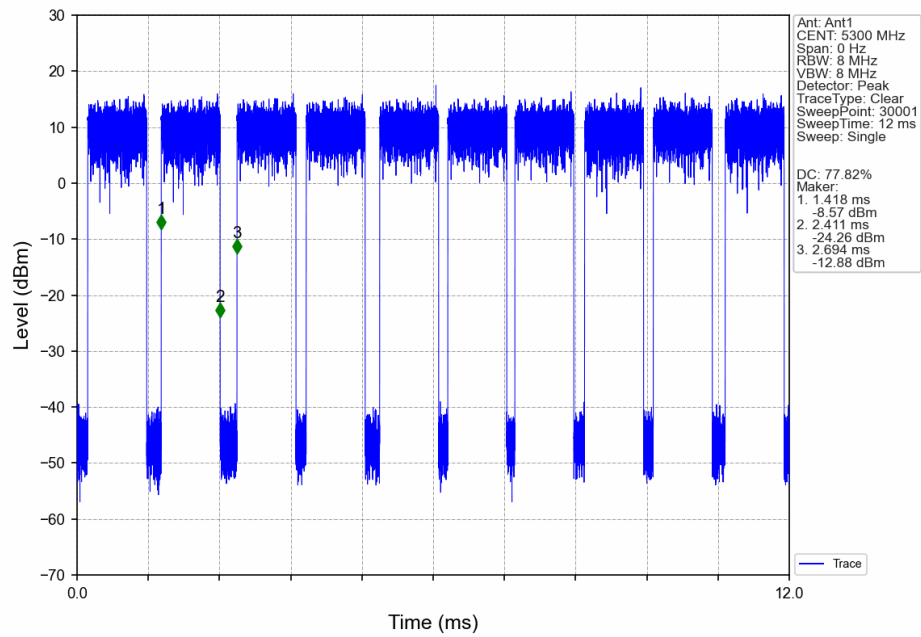
802.11n(HT40)_HCH_5310MHz_Ant1_NTV



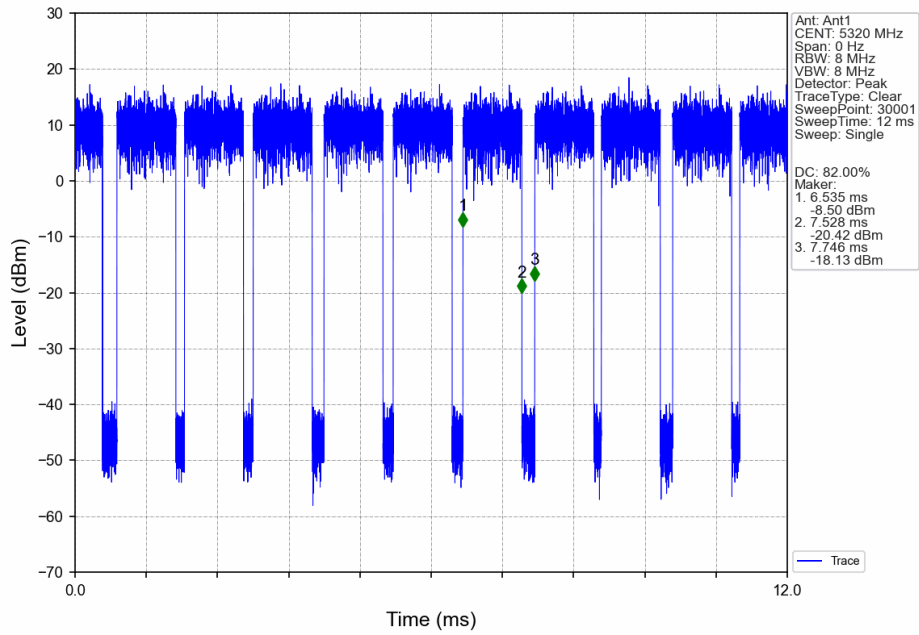
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



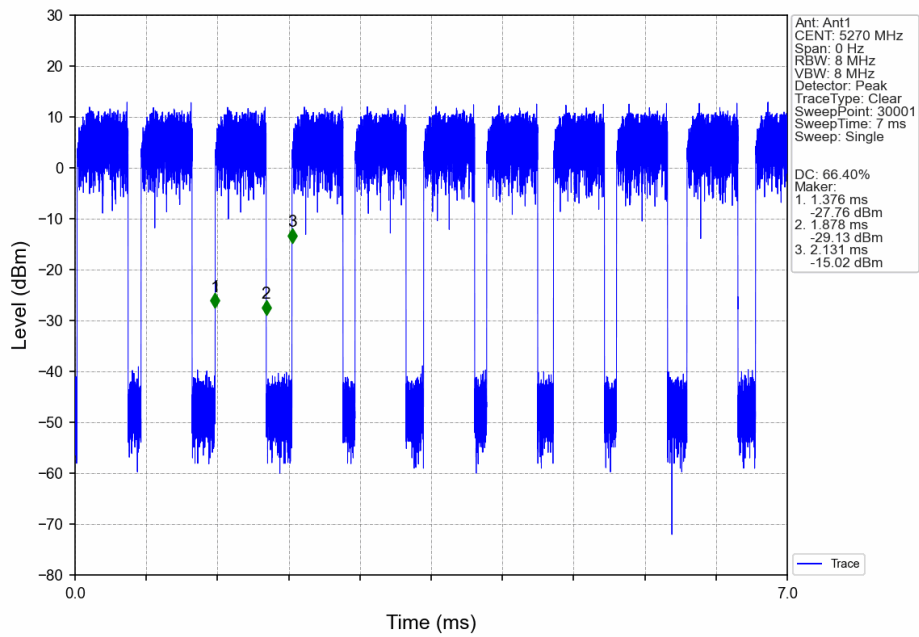
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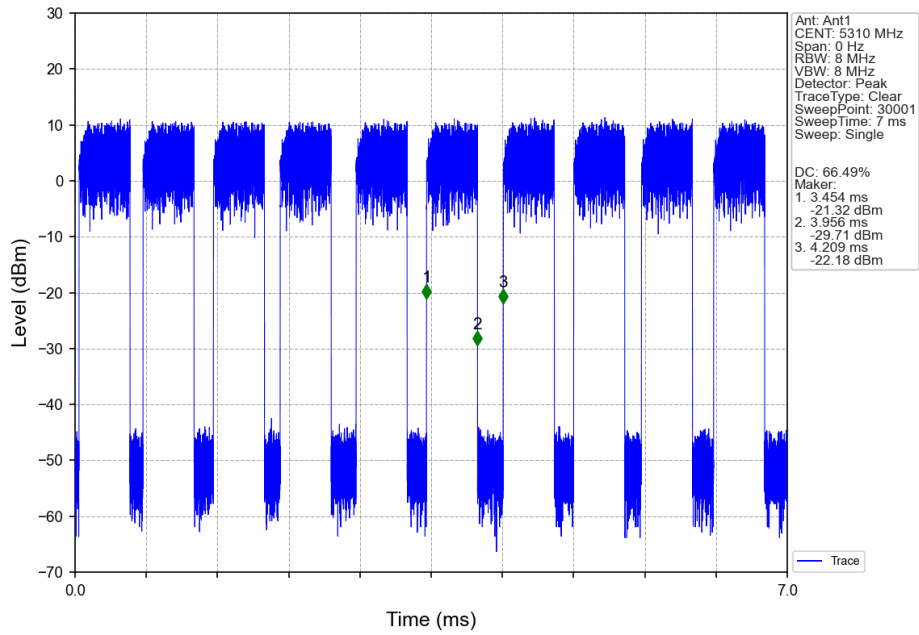
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



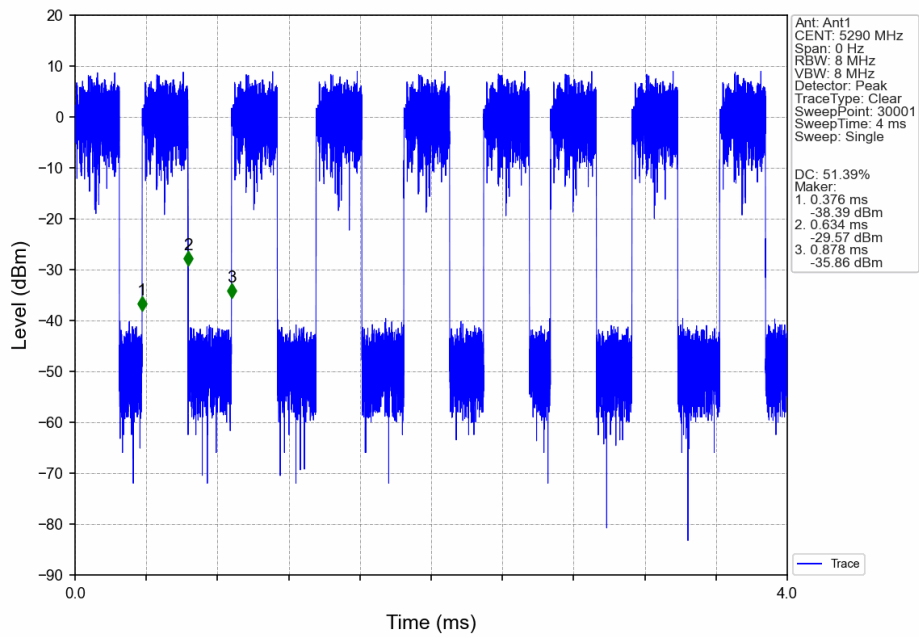
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



802.11ac(VHT40) HCH 5310MHz Ant1 NTN



802.11ac(VHT80) MCH 5290MHz Ant1 NTN



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	5260	1	16.637	/	Pass
		5300	1	16.625	/	Pass
		5320	1	16.640	/	Pass
802.11n (HT20)	MIMO	5260	1	17.769	/	Pass
		5300	1	17.729	/	Pass
		5320	1	17.751	/	Pass
802.11n (HT40)	MIMO	5270	1	36.407	/	Pass
		5310	1	36.324	/	Pass
802.11ac (VHT20)	MIMO	5260	1	17.754	/	Pass
		5300	1	17.725	/	Pass
		5320	1	17.783	/	Pass
802.11ac (VHT40)	MIMO	5270	1	36.406	/	Pass
		5310	1	36.322	/	Pass
802.11ac (VHT80)	MIMO	5290	1	75.095	/	Pass

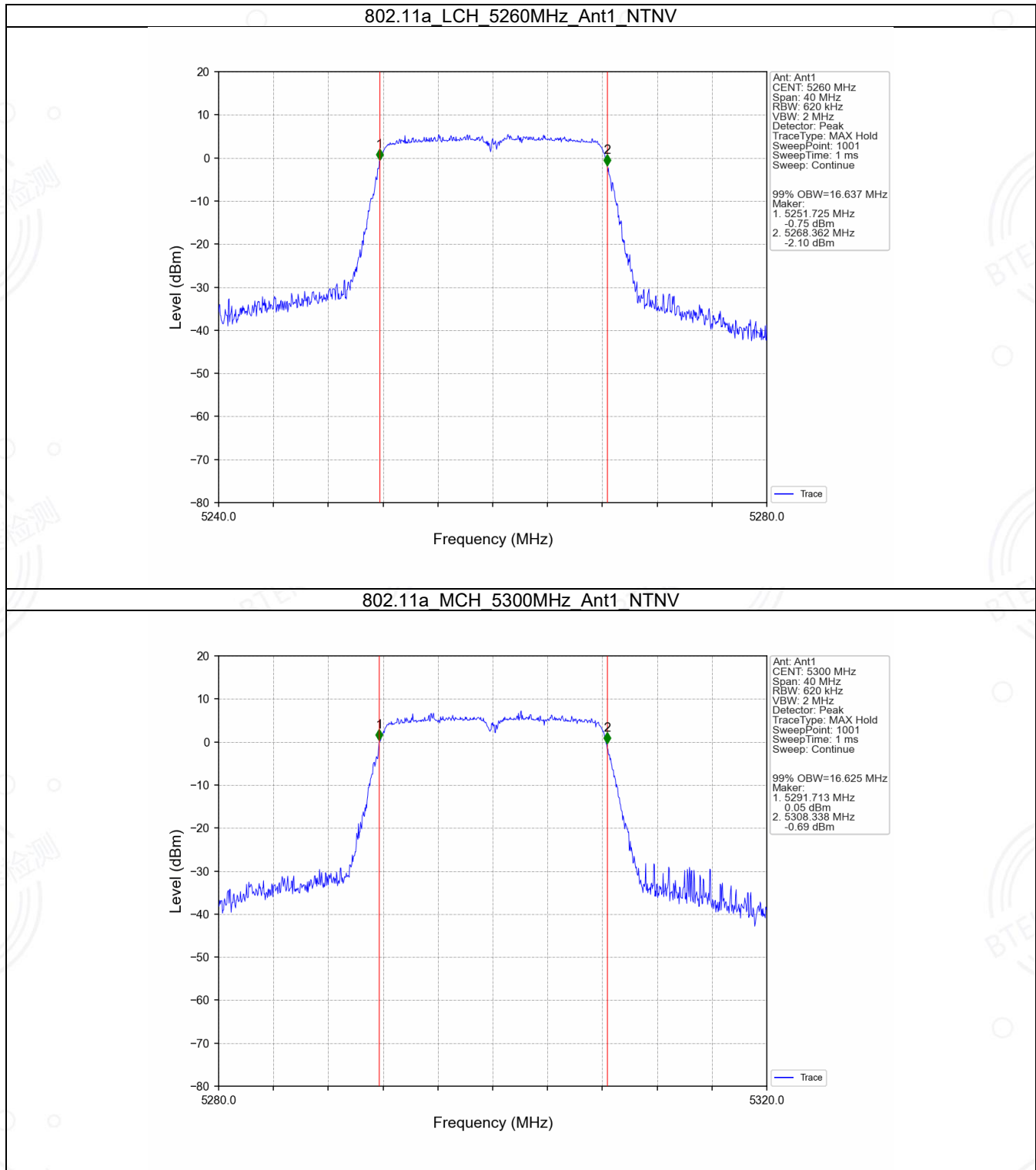
2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5260	1	18.967	/	Pass
		5300	1	18.858	/	Pass
		5320	1	18.931	/	Pass
802.11n (HT20)	MIMO	5260	1	19.928	/	Pass
		5300	1	19.764	/	Pass
		5320	1	19.731	/	Pass
802.11n (HT40)	MIMO	5270	1	41.868	/	Pass
		5310	1	41.427	/	Pass
802.11ac (VHT20)	MIMO	5260	1	19.757	/	Pass
		5300	1	19.739	/	Pass
		5320	1	19.662	/	Pass
802.11ac (VHT40)	MIMO	5270	1	41.989	/	Pass
		5310	1	41.637	/	Pass
802.11ac (VHT80)	MIMO	5290	1	81.598	/	Pass

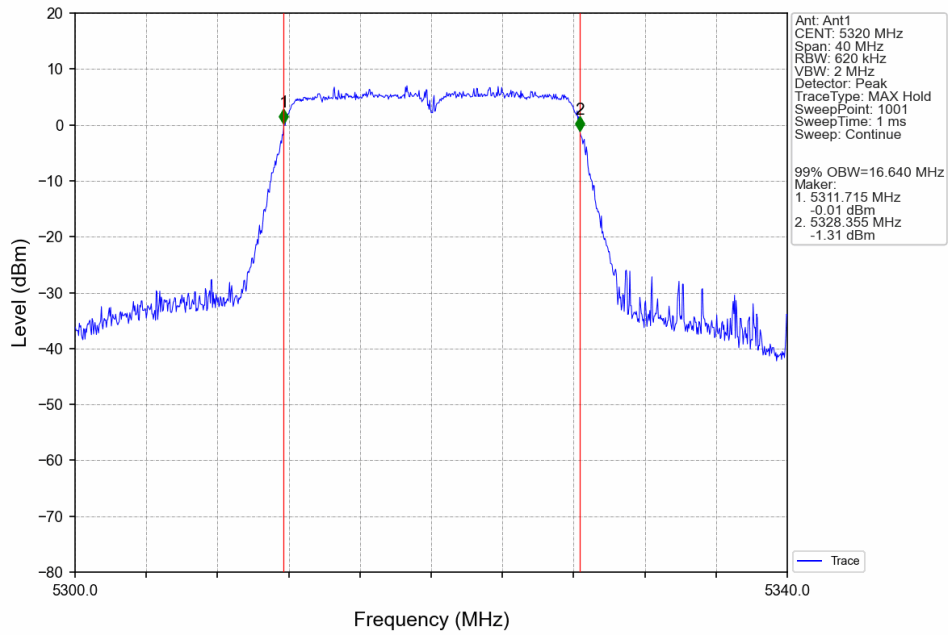


2.2 Test Graph

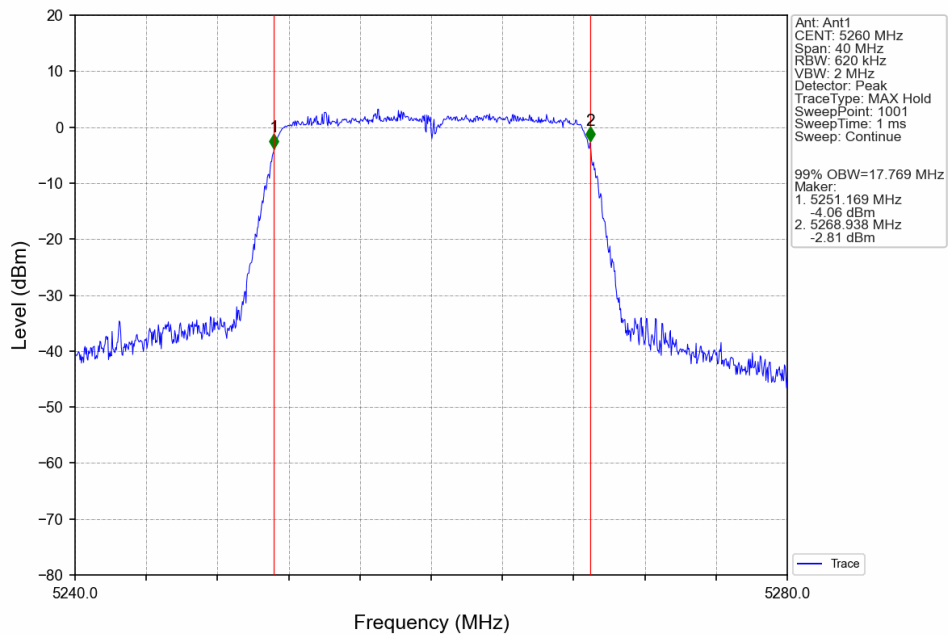
2.2.1 OBW



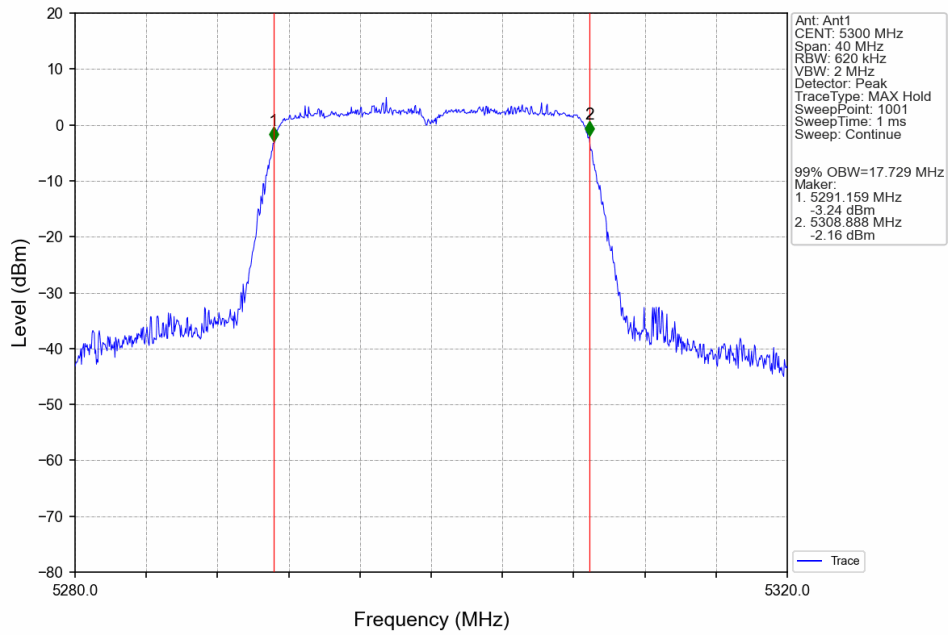
802.11a_HCH_5320MHz_Ant1_NTNV



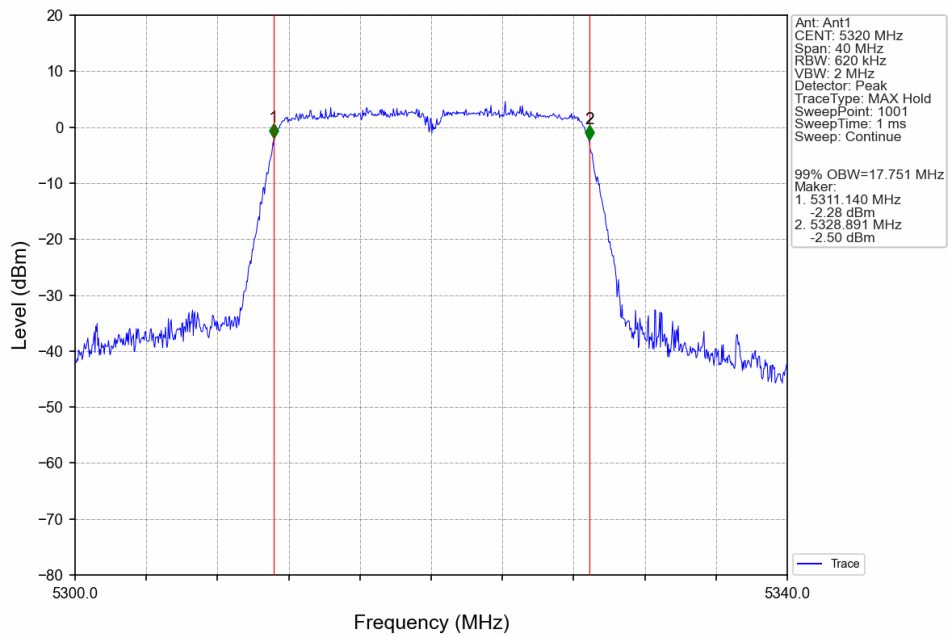
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



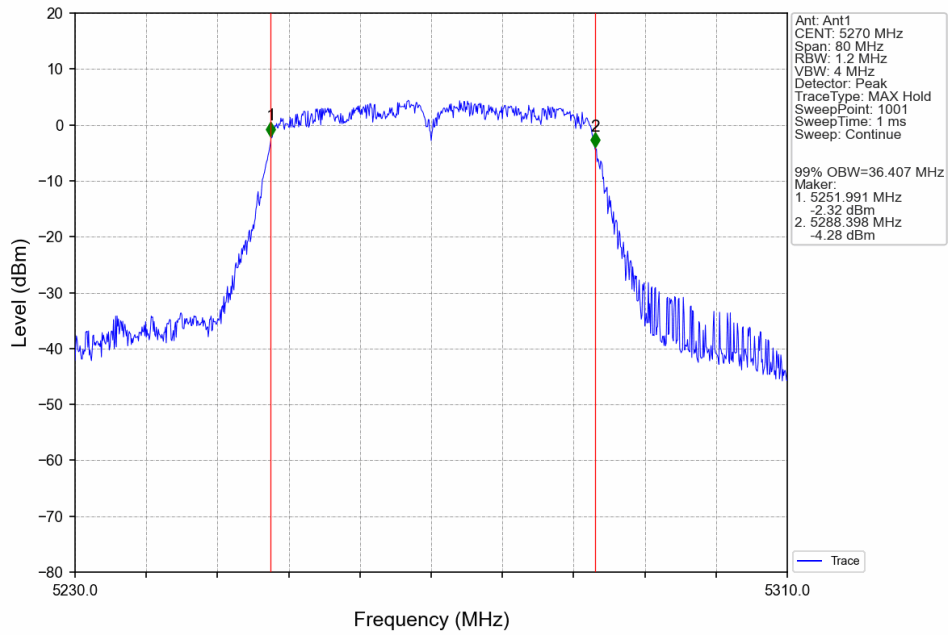
802.11n(HT20) MCH 5300MHz Ant1 NTN



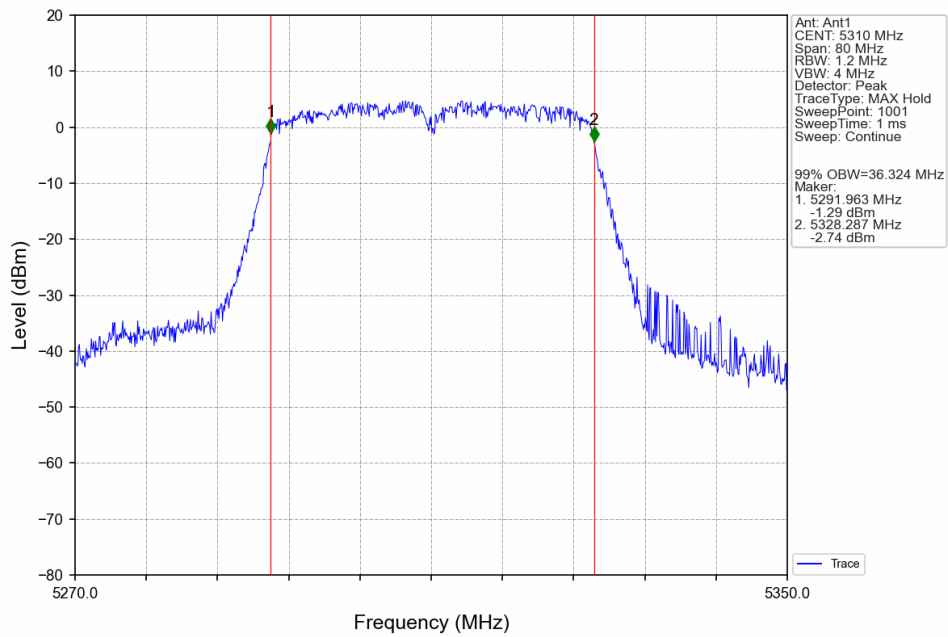
802.11n(HT20)_HCH_5320MHz_Ant1_NTN



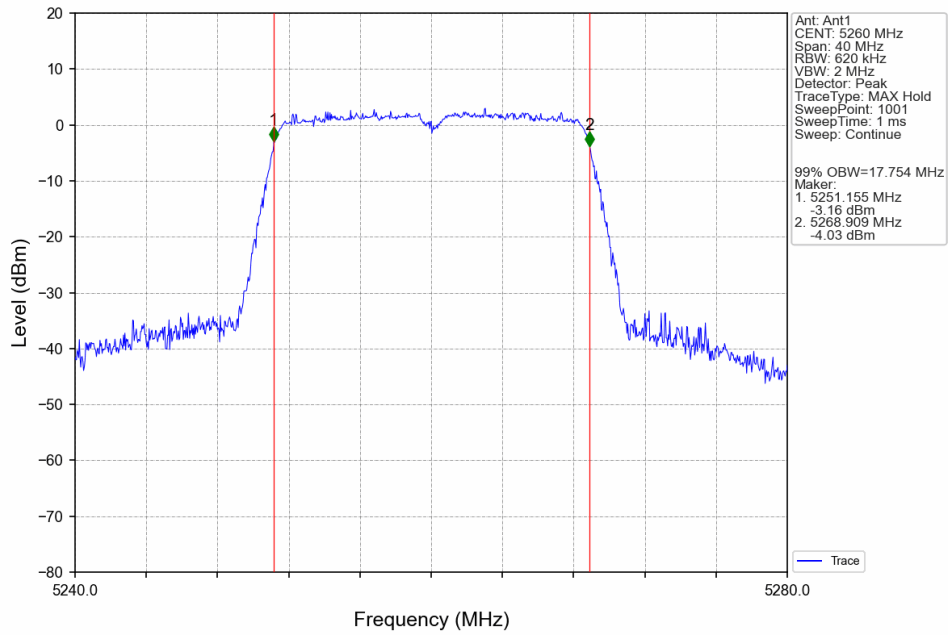
802.11n(HT40) LCH 5270MHz Ant1 NTN



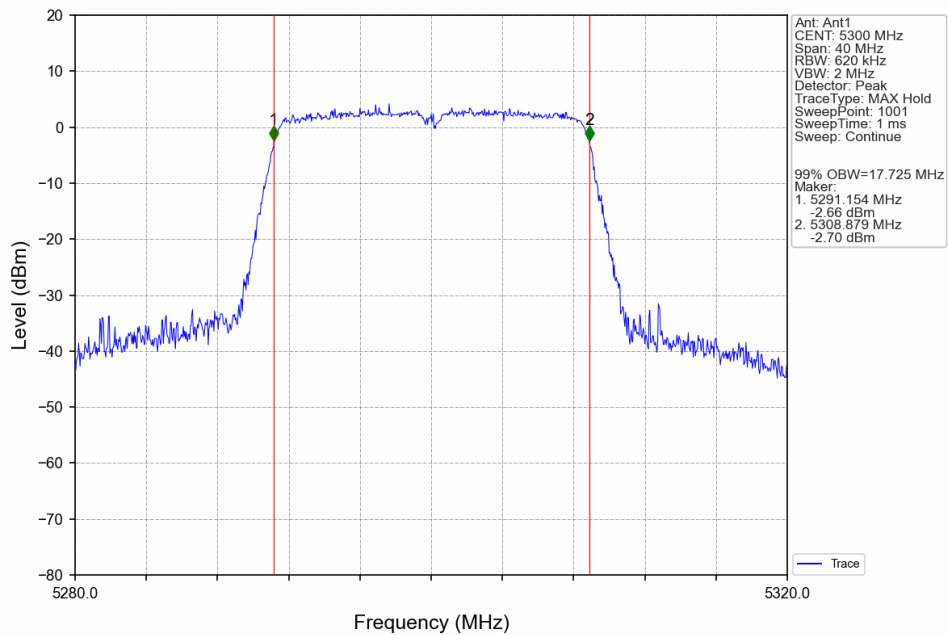
802.11n(HT40)_HCH_5310MHz_Ant1_NTN



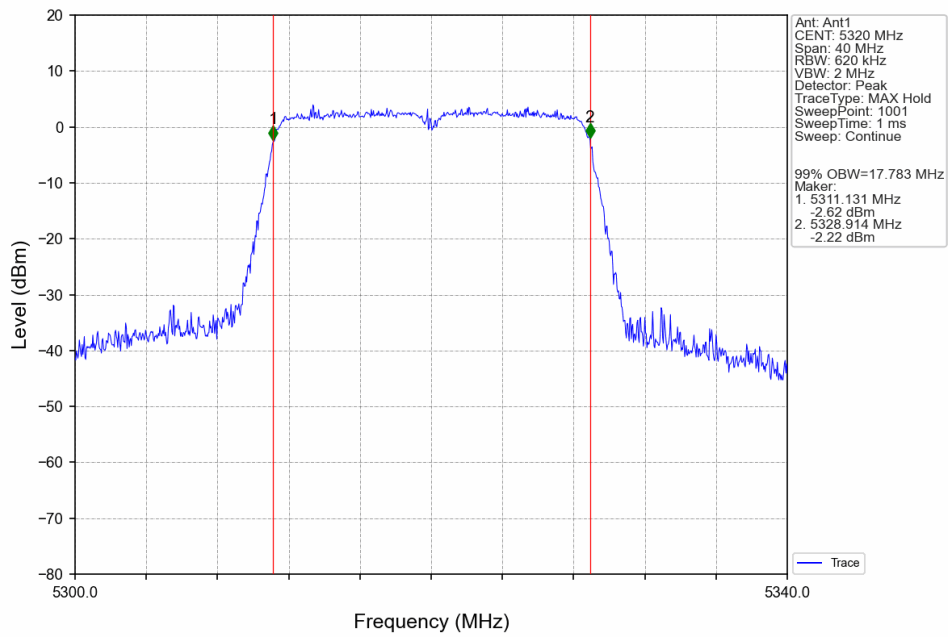
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



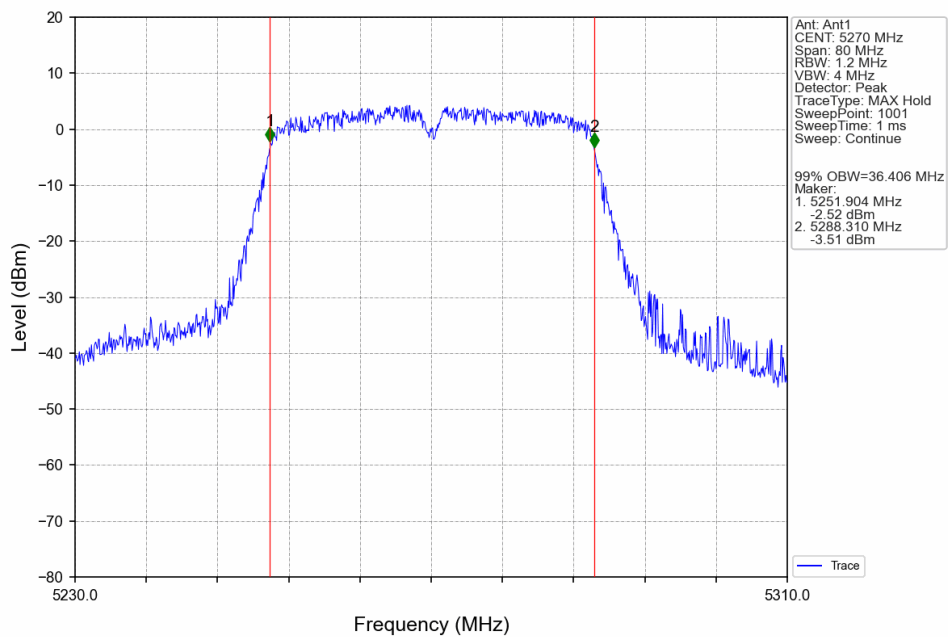
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



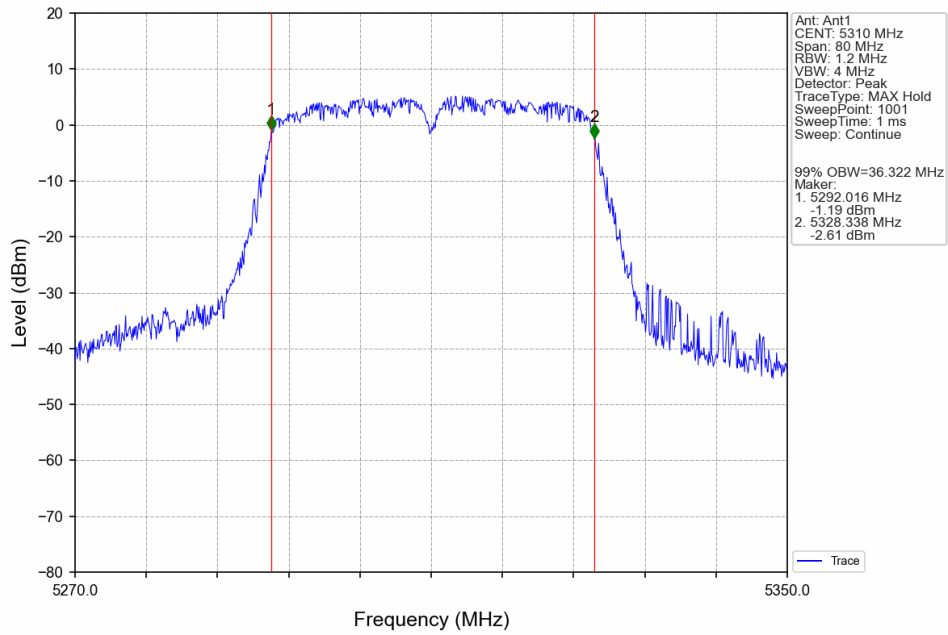
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



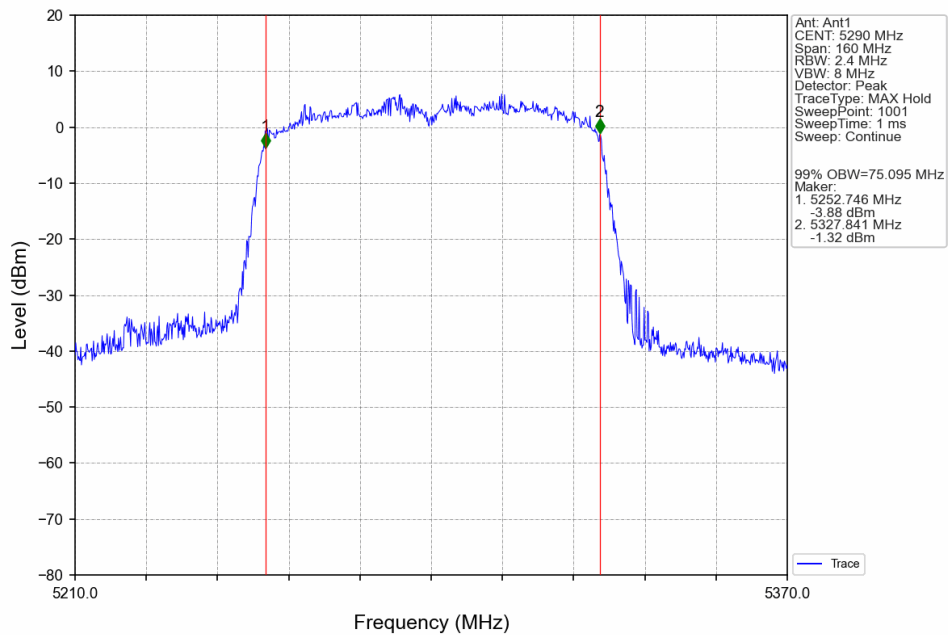
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTN



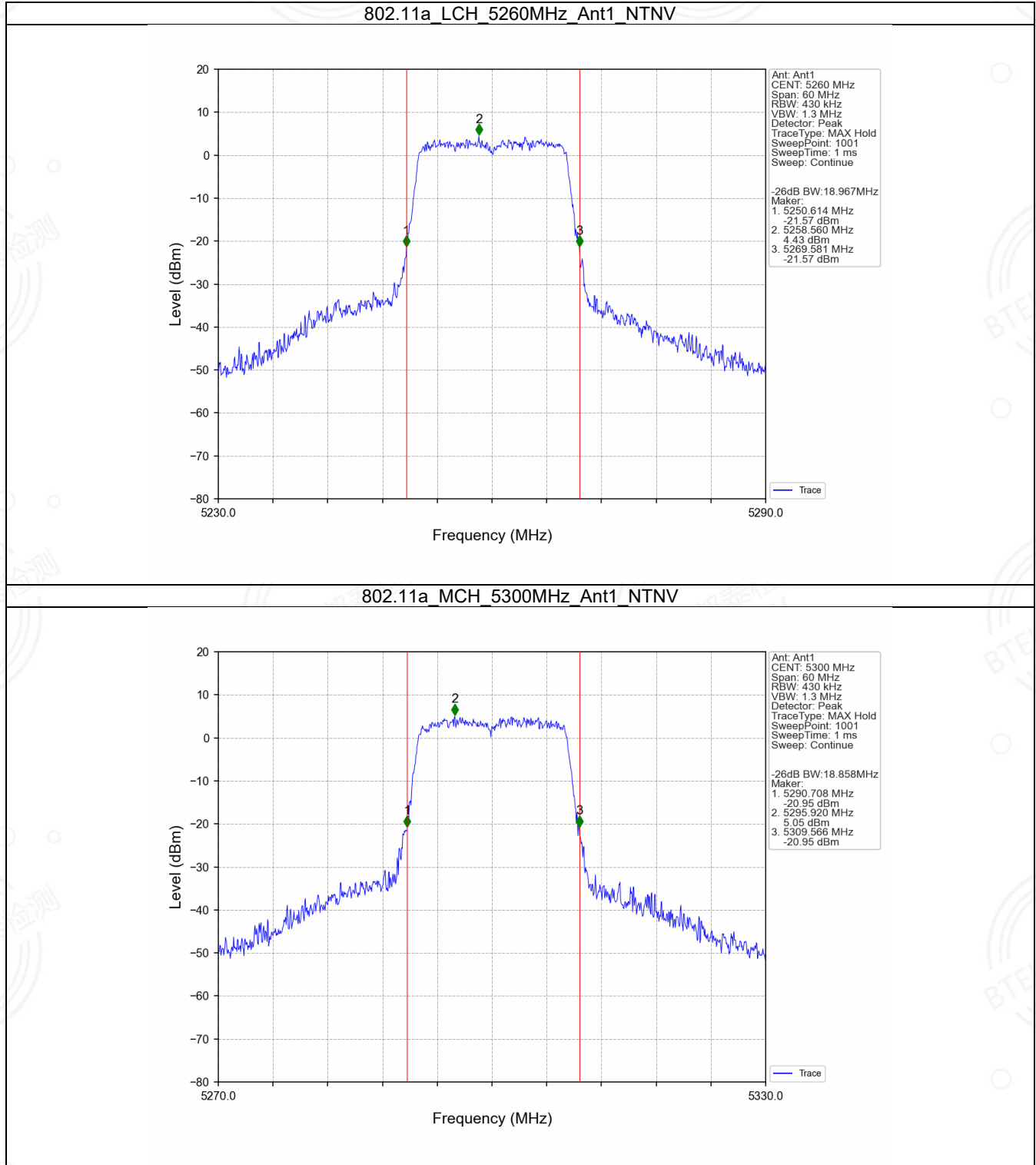
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



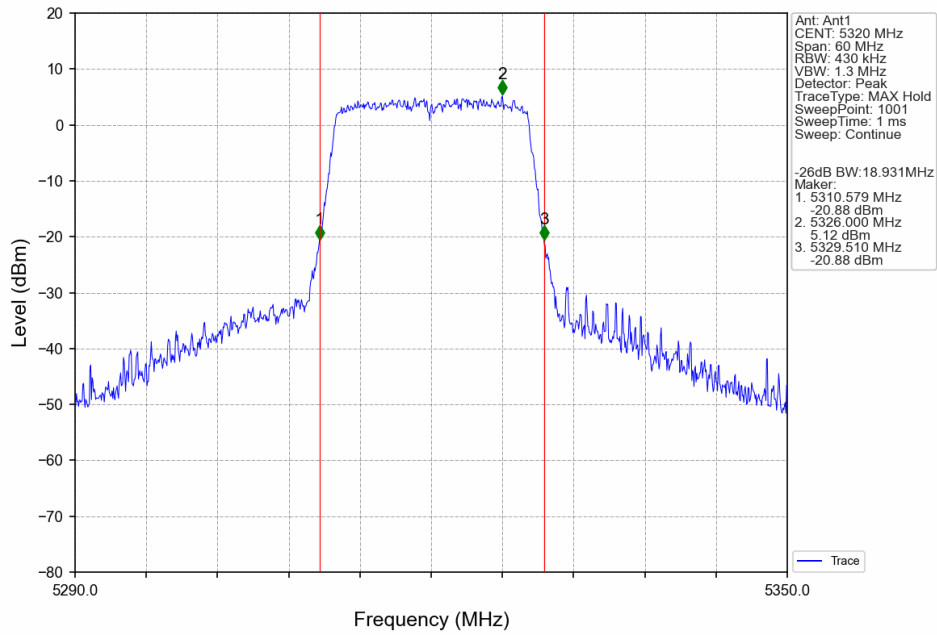
802.11ac(VHT80) MCH 5290MHz Ant1 NTN



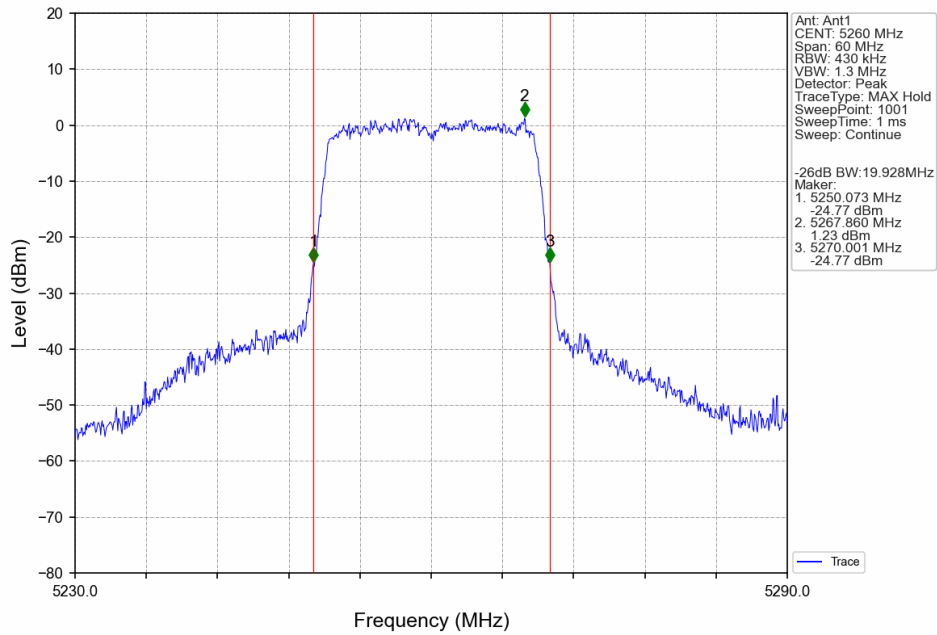
2.2.2 26dB BW



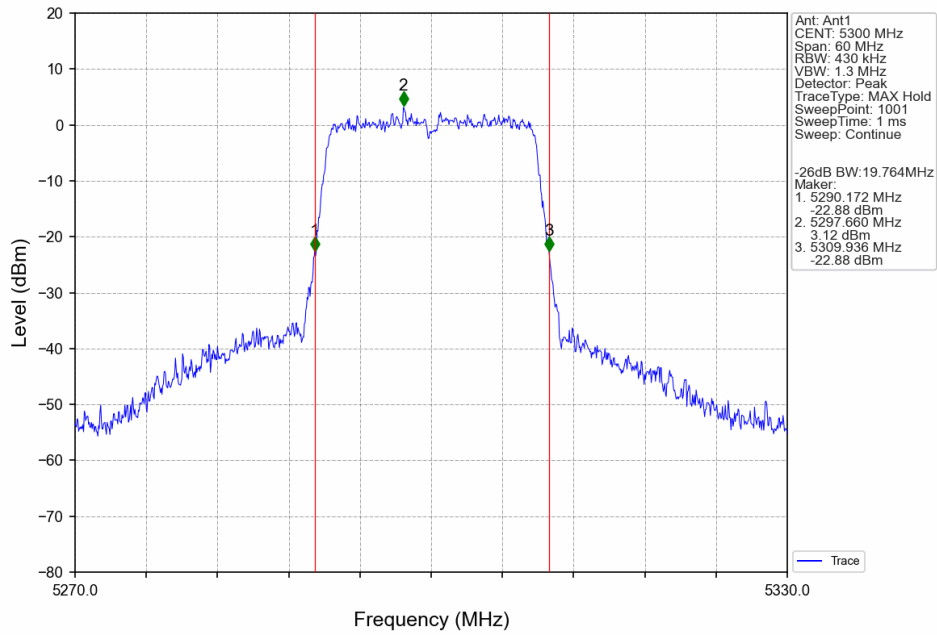
802.11a_HCH_5320MHz_Ant1_NTNV



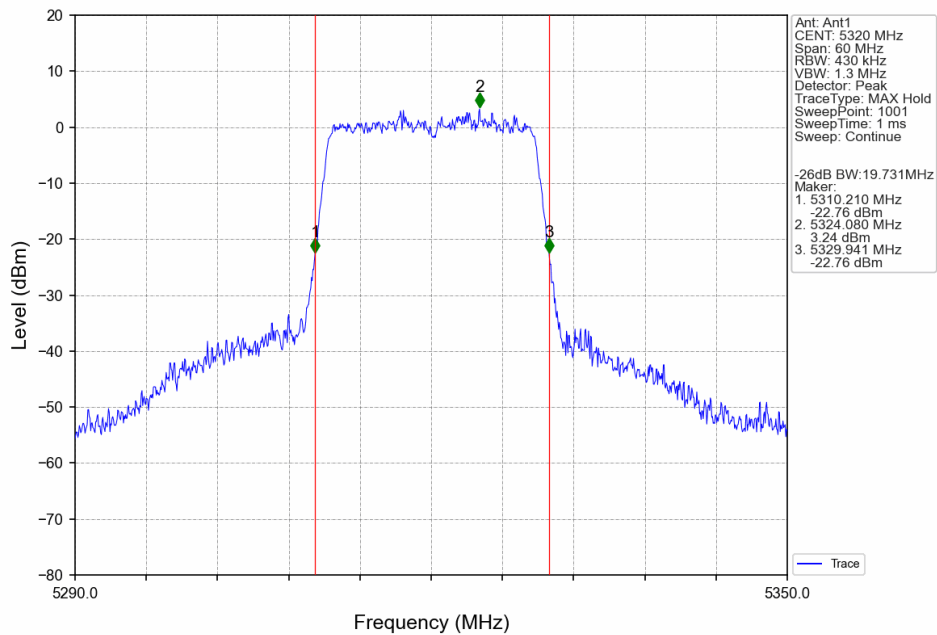
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



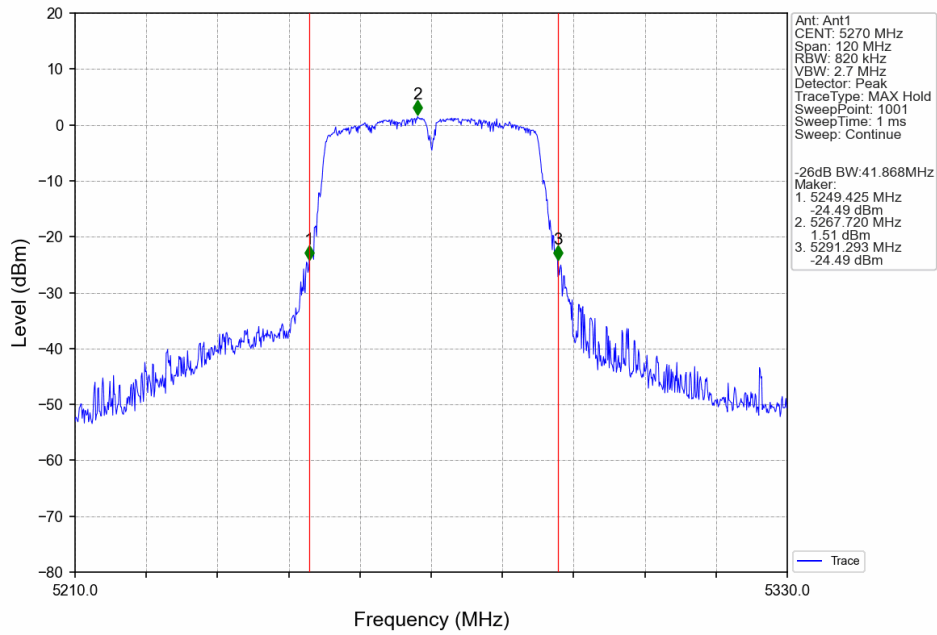
802.11n(HT20) MCH 5300MHz Ant1 NTV



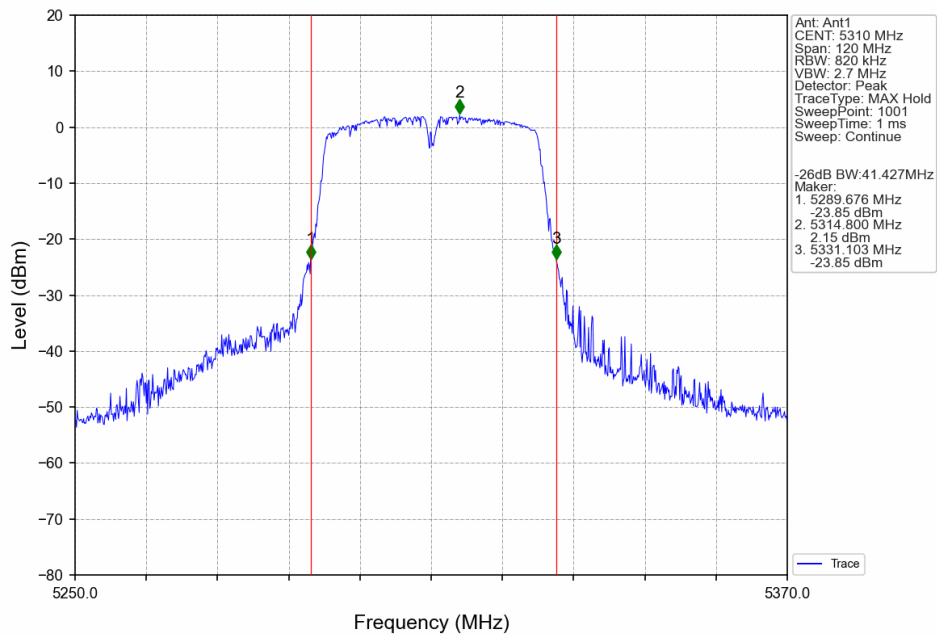
802.11n(HT20)_HCH_5320MHz_Ant1_NTV



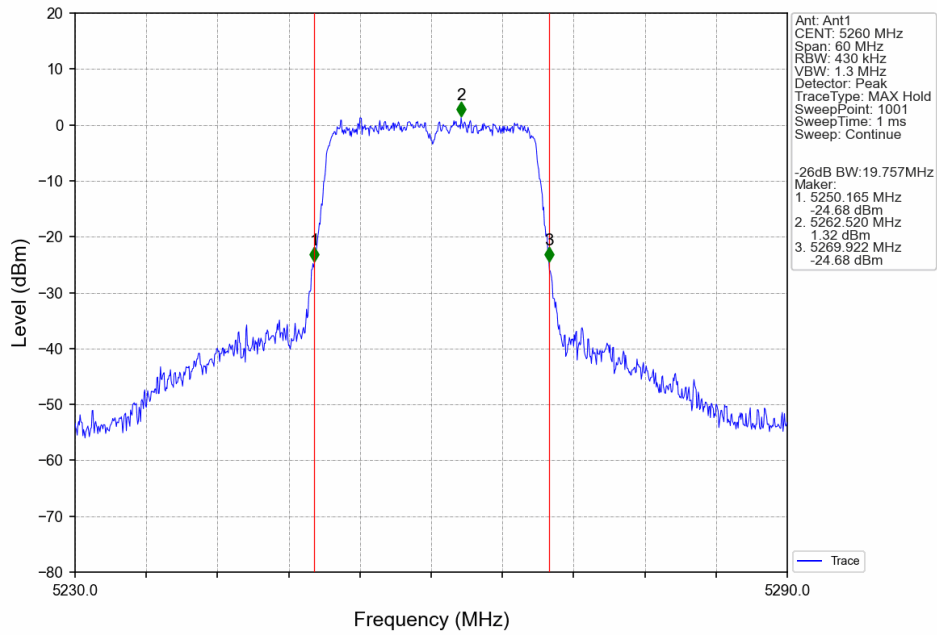
802.11n(HT40) LCH 5270MHz Ant1 NTN



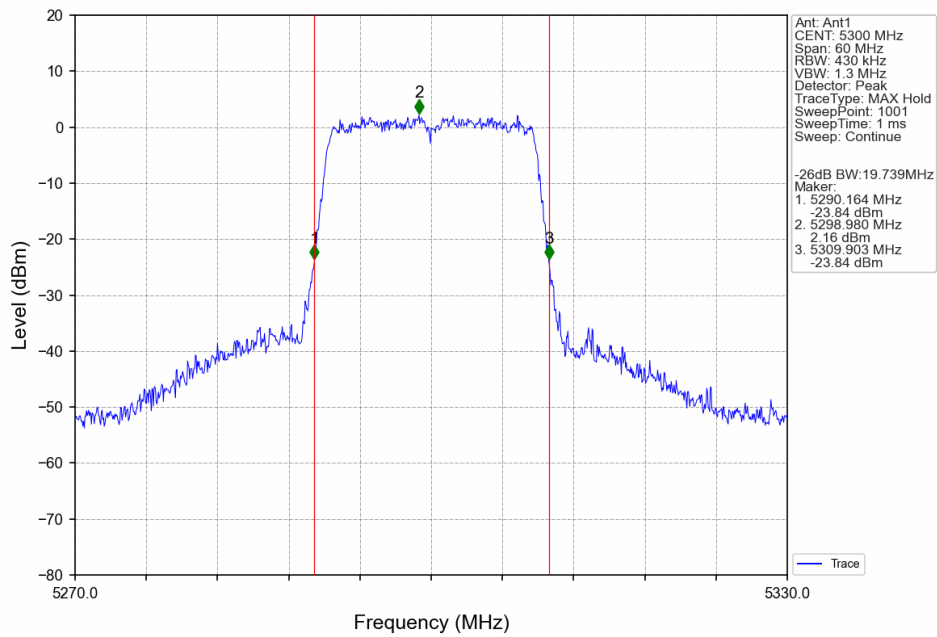
802.11n(HT40)_HCH 5310MHz Ant1 NTN



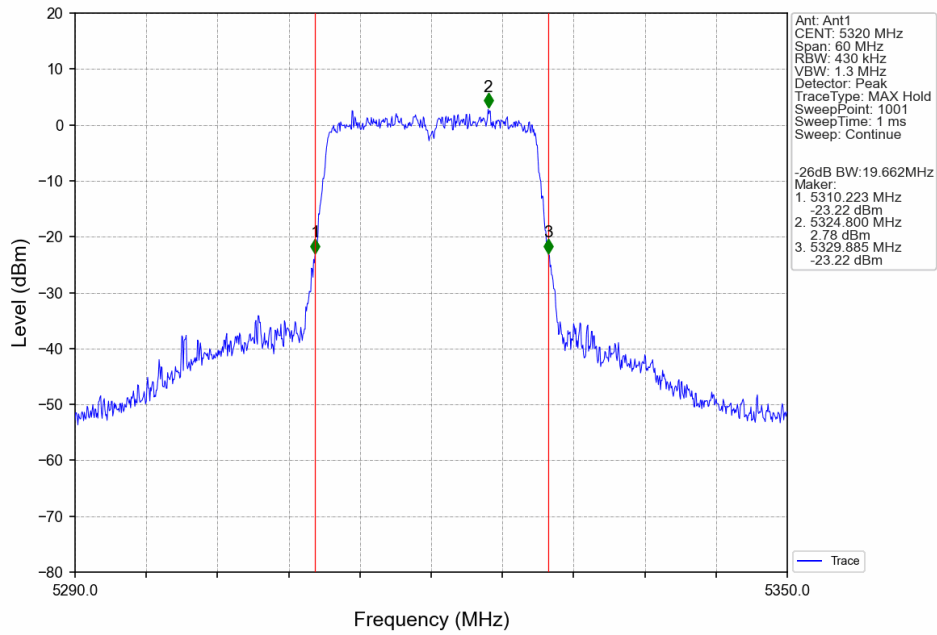
802.11ac(VHT20) LCH 5260MHz Ant1 NTV



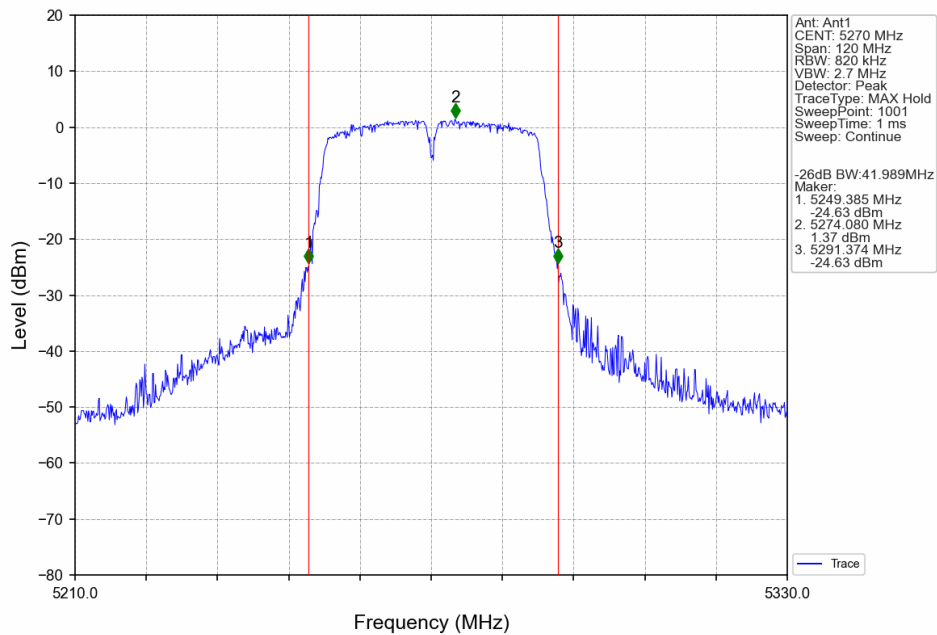
802.11ac(VHT20) MCH 5300MHz Ant1 NTV



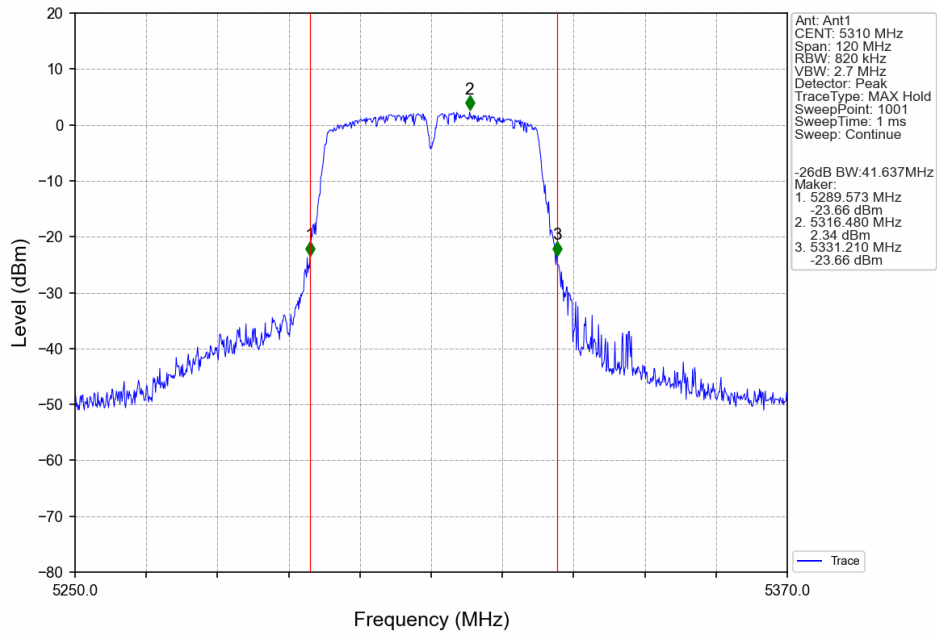
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



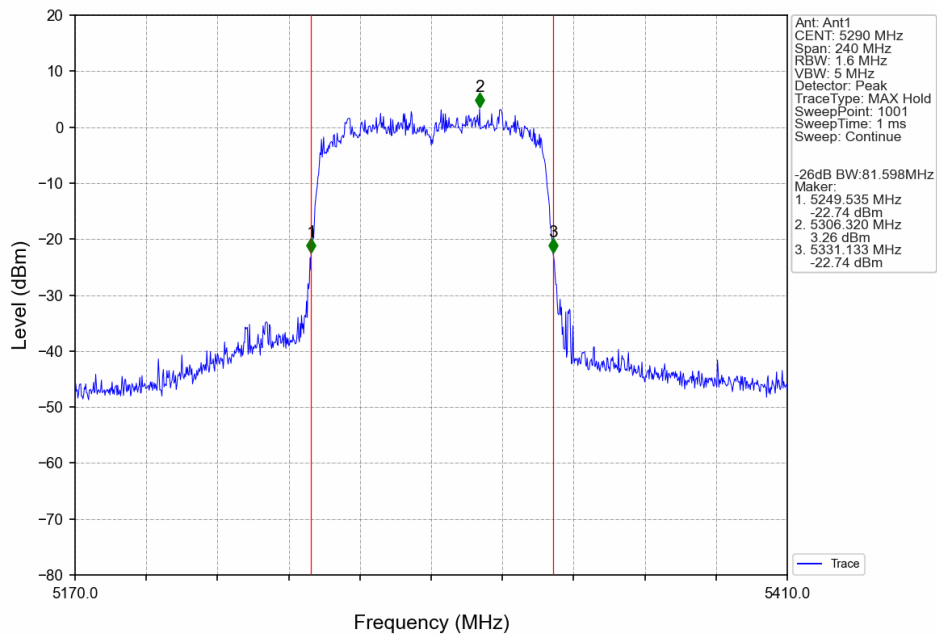
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTN



802.11ac(VHT40) HCH 5310MHz Ant1 NTN



802.11ac(VHT80) MCH 5290MHz Ant1 NTN



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	ANT2	MIMO	Limit	
802.11a	SISO	5260	11.59	13.89	/	<=23.78	Pass
		5300	12.47	13.91	/	<=23.75	Pass
		5320	12.99	14.67	/	<=23.77	Pass
802.11n (HT20)	MIMO	5260	8.99	11.38	13.36	<=23.98	Pass
		5300	9.77	11.26	13.59	<=23.96	Pass
		5320	10.34	12.08	14.31	<=23.95	Pass
802.11n (HT40)	MIMO	5270	8.99	11.08	13.17	<=23.98	Pass
		5310	9.72	11.26	13.57	<=23.98	Pass
802.11ac (VHT20)	MIMO	5260	9.05	11.40	13.39	<=23.96	Pass
		5300	9.86	11.29	13.64	<=23.95	Pass
		5320	10.37	12.05	14.30	<=23.94	Pass
802.11ac (VHT40)	MIMO	5270	9.13	11.55	13.52	<=23.98	Pass
		5310	10.04	11.41	13.79	<=23.98	Pass
802.11ac (VHT80)	MIMO	5290	9.34	10.92	13.21	<=23.98	Pass

Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 4.62dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)
For multiple-input multiple-output (MIMO) systems, if the measured channel bandwidth on the middle channel exceeds the minimum permitted bandwidth by more than 50% on one transmi chain, then it is not necessary to repeat testing on the other chains.



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

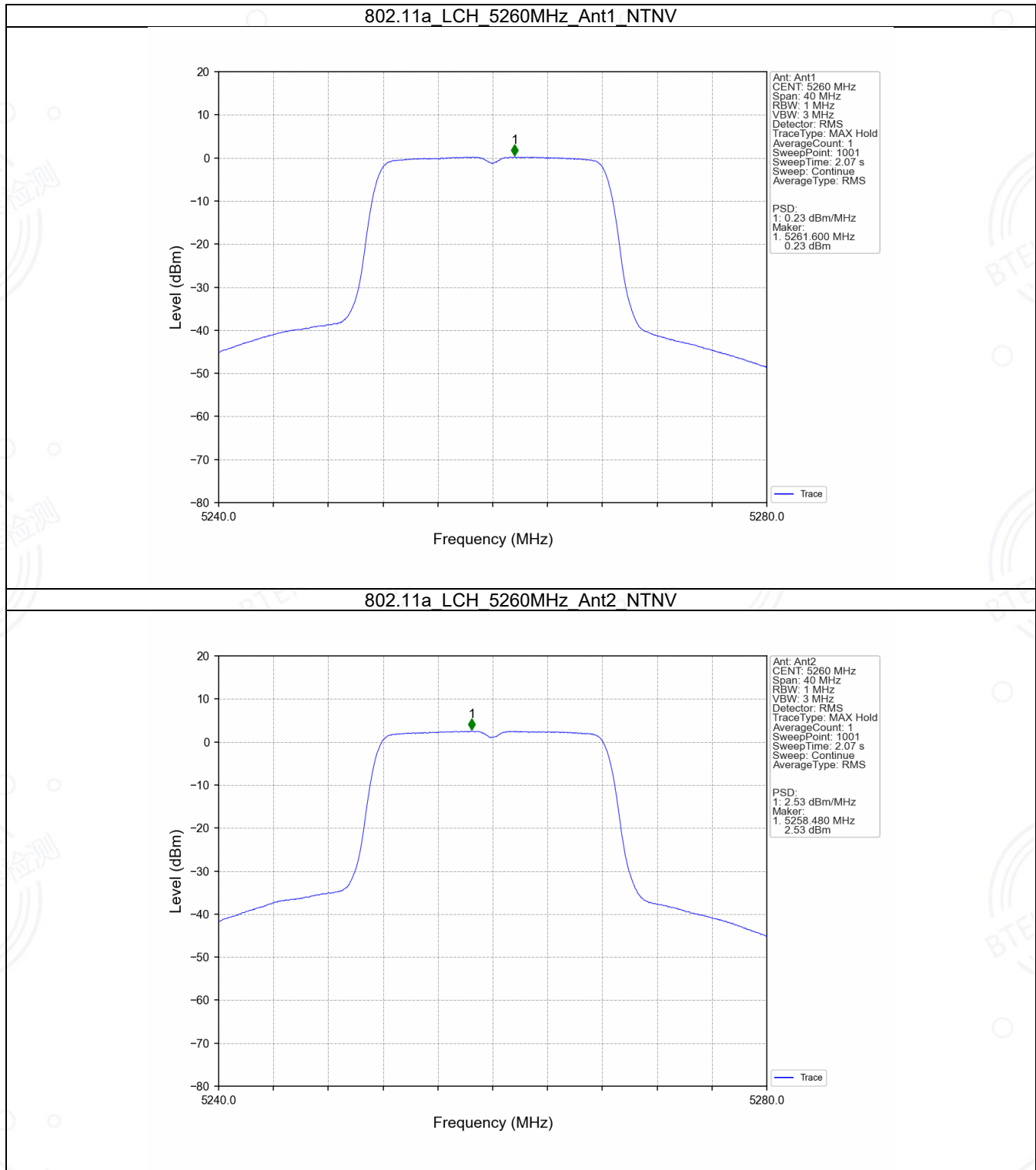
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5260	0.23	2.53	/	<=11	Pass
		5300	1.10	2.51	/	<=11	Pass
		5320	1.63	3.28	/	<=11	Pass
802.11n (HT20)	MIMO	5260	-2.66	-0.26	1.69	<=11	Pass
		5300	-1.84	-0.34	1.91	<=11	Pass
		5320	-1.28	0.55	2.70	<=11	Pass
802.11n (HT40)	MIMO	5270	-5.40	-3.13	-1.17	<=11	Pass
		5310	-4.64	-2.72	-0.58	<=11	Pass
802.11ac (VHT20)	MIMO	5260	-2.63	-0.28	1.66	<=11	Pass
		5300	-1.74	-0.26	2.03	<=11	Pass
		5320	-1.25	0.42	2.67	<=11	Pass
802.11ac (VHT40)	MIMO	5270	-5.24	-3.33	-1.19	<=11	Pass
		5310	-4.30	-2.81	-0.50	<=11	Pass
802.11ac (VHT80)	MIMO	5290	-7.54	-6.31	-3.98	<=11	Pass

Note1: Antenna Gain: Ant1: 3.00dBi; Ant2: 4.62dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

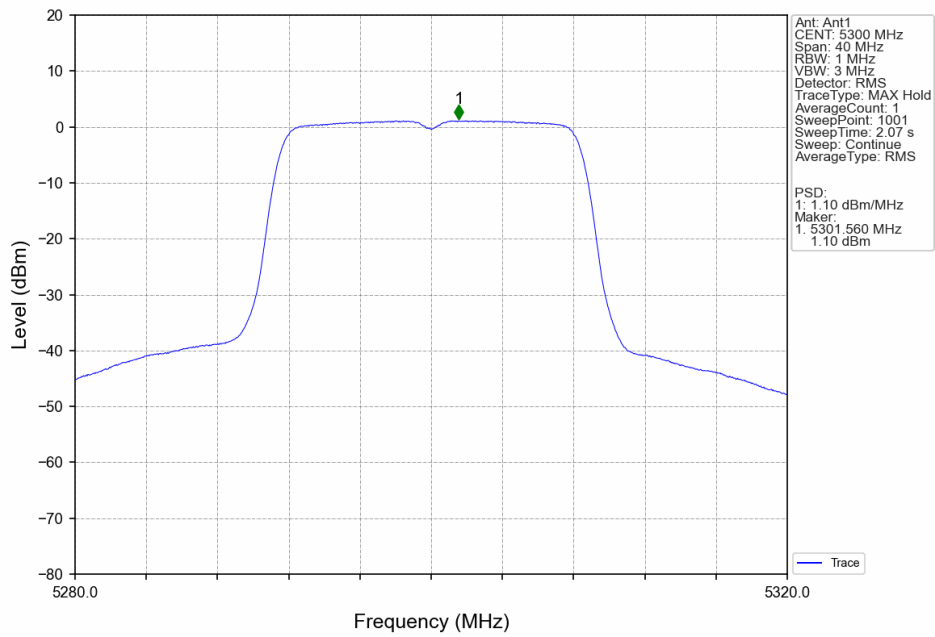


4.2 Test Graph

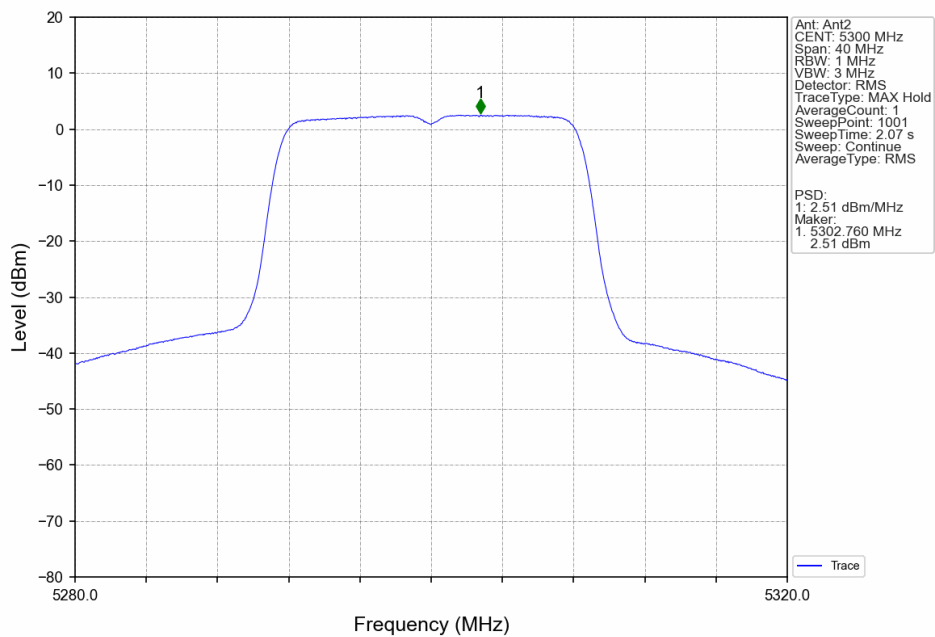
4.2.1 PSD



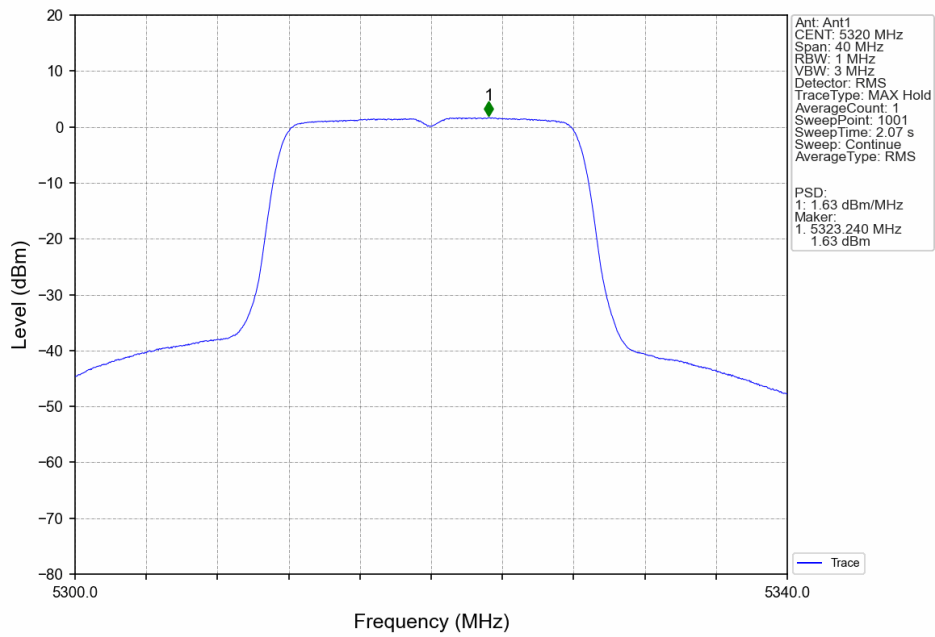
802.11a_MCH_5300MHz_Ant1_NTNV



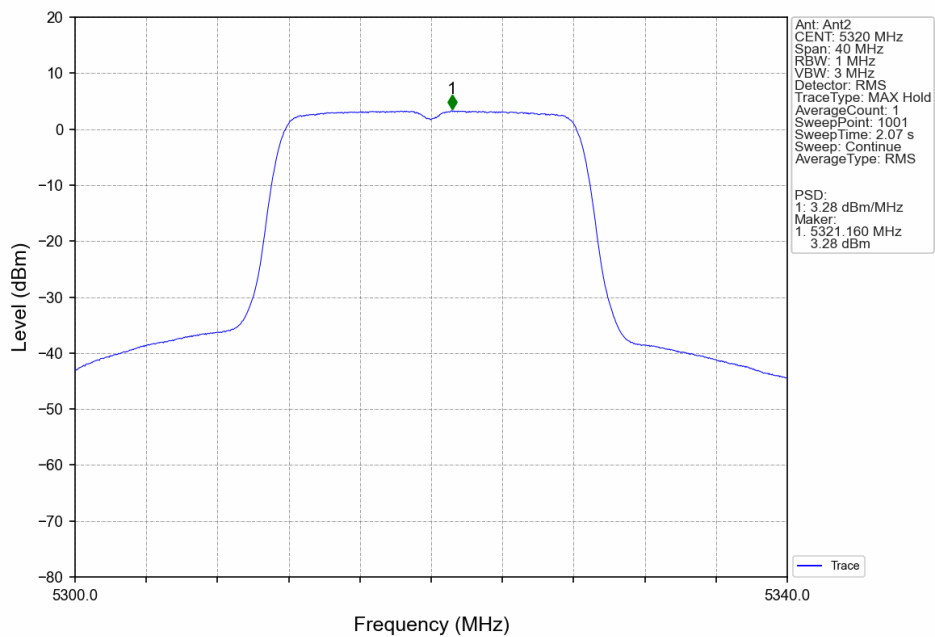
802.11a_MCH_5300MHz_Ant2_NTNV



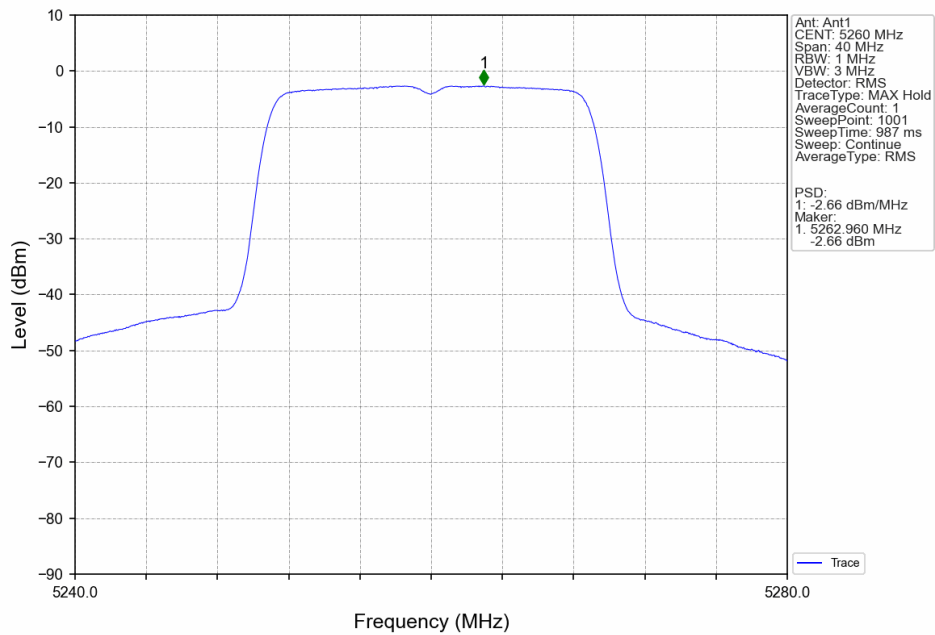
802.11a_HCH_5320MHz_Ant1_NTNV



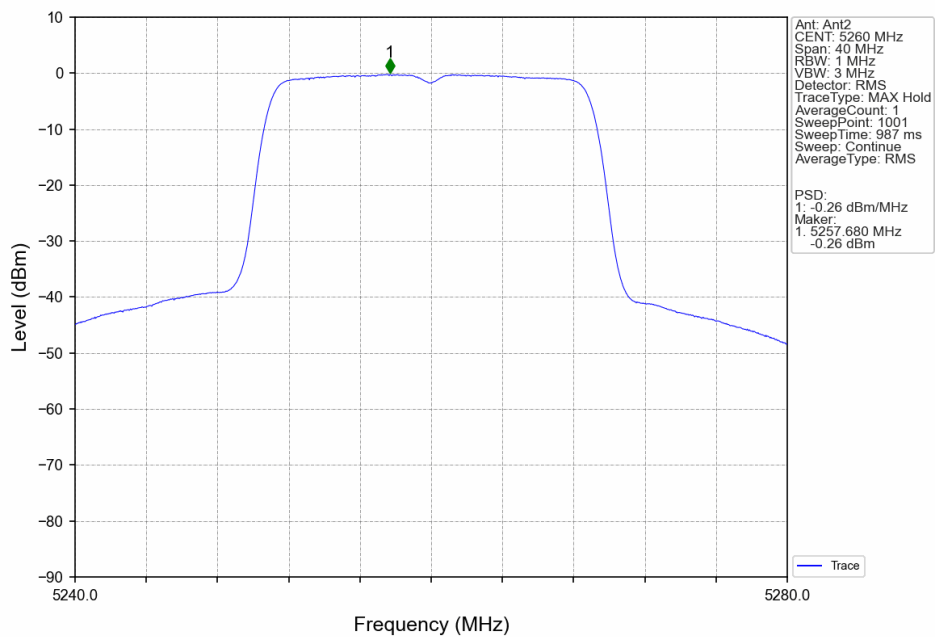
802.11a_HCH_5320MHz_Ant2_NTNV



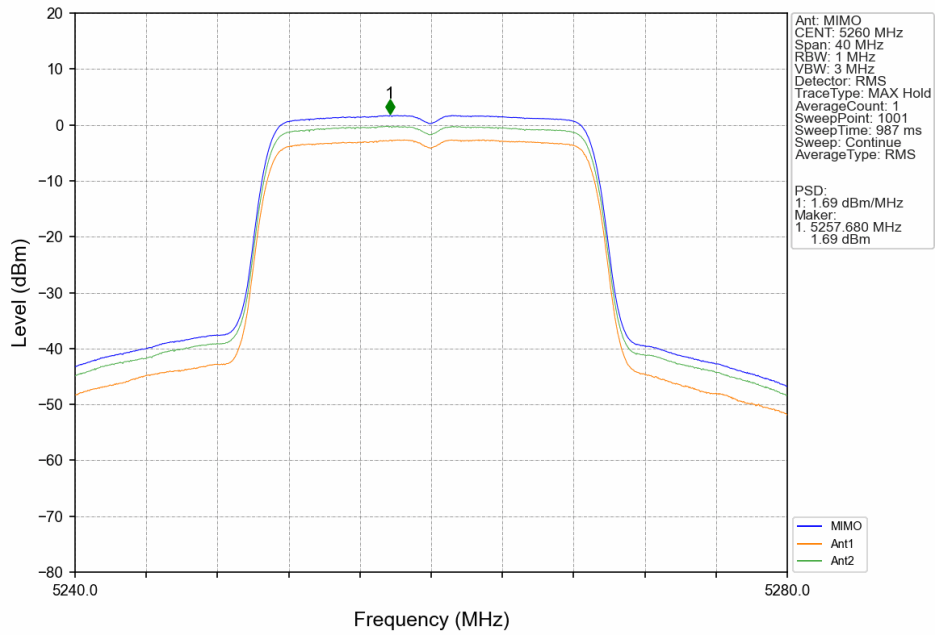
802.11n(HT20) LCH 5260MHz Ant1 NTN



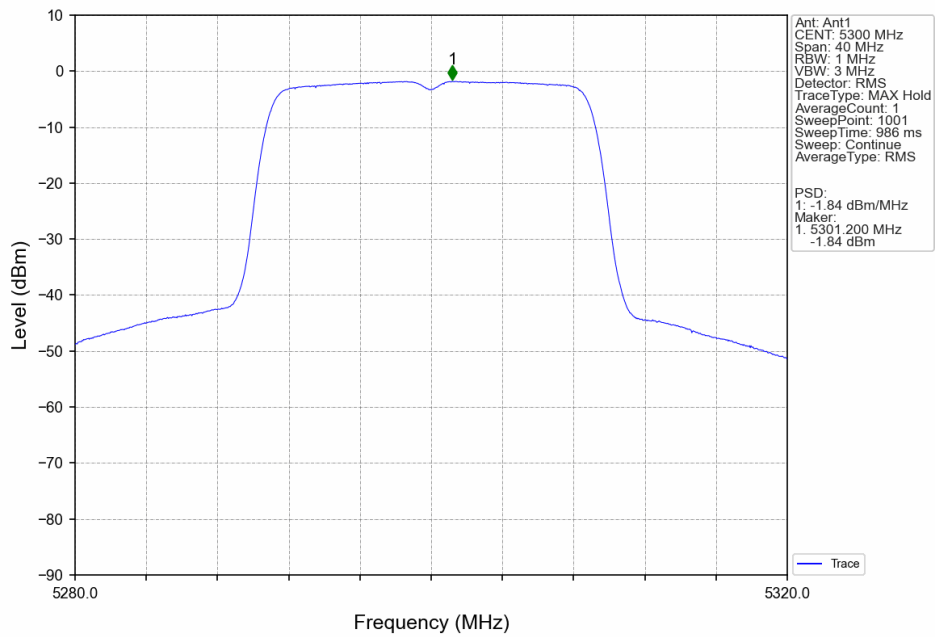
802.11n(HT20) LCH 5260MHz Ant2 NTN



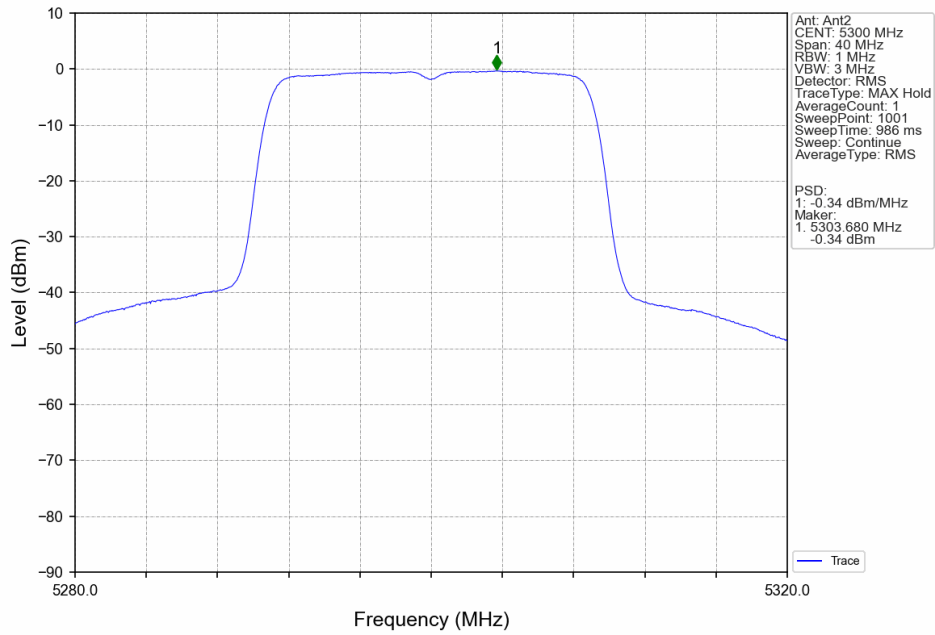
802.11n(HT20) LCH 5260MHz MIMO NTN



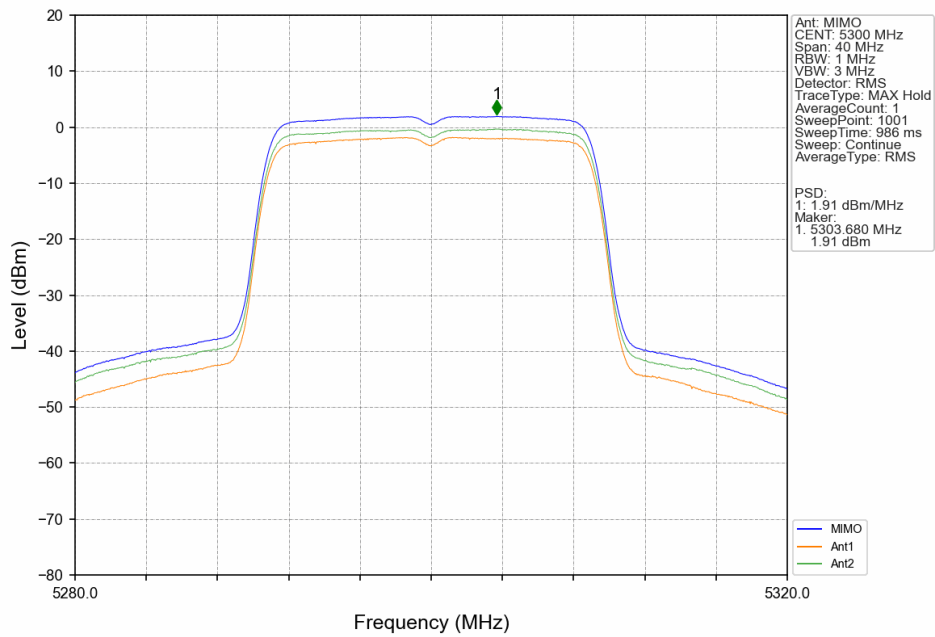
802.11n(HT20) MCH 5300MHz Ant1 NTN



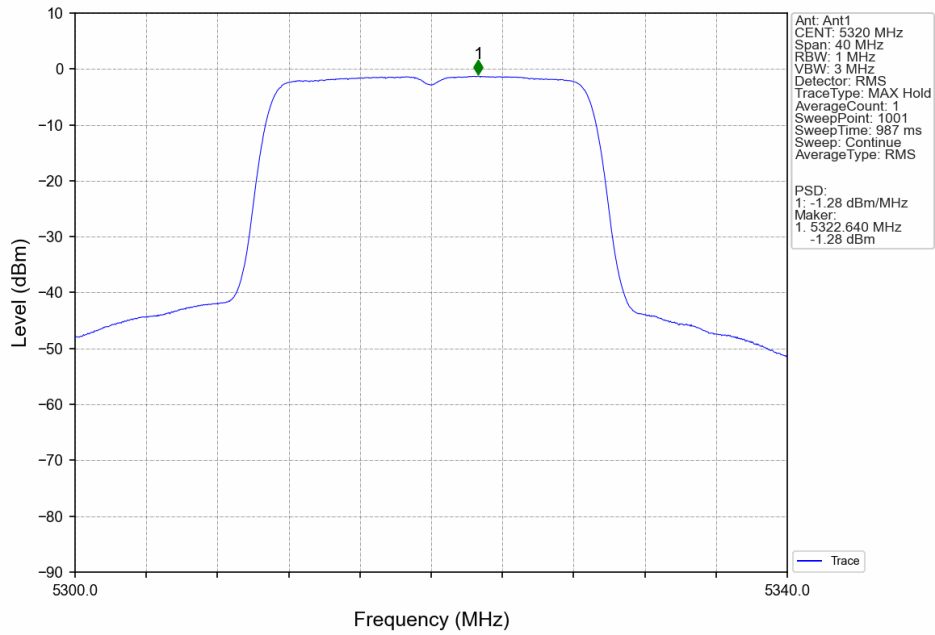
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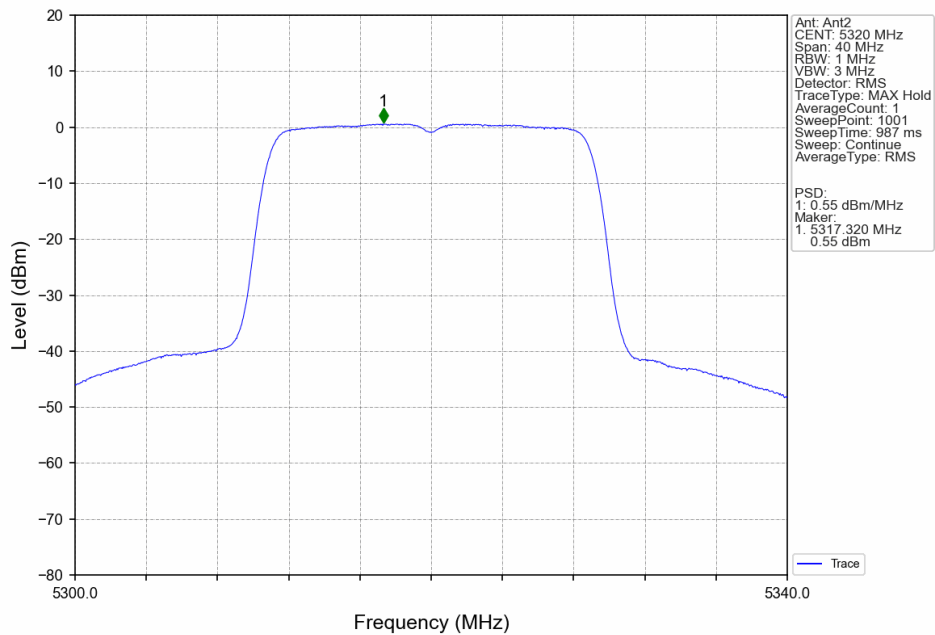
802.11n(HT20) MCH 5300MHz MIMO NTN



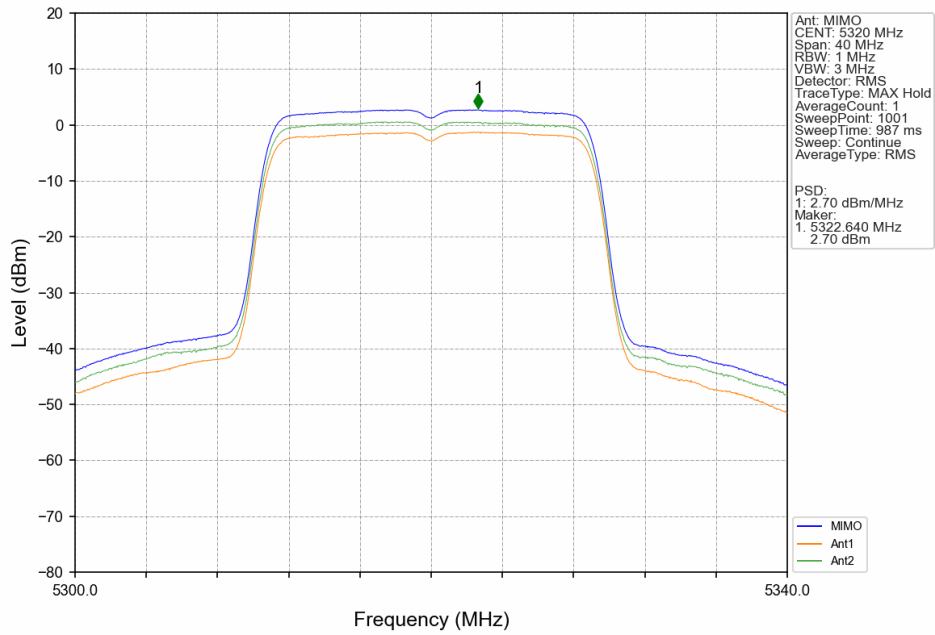
802.11n(HT20) HCH 5320MHz Ant1 NTN



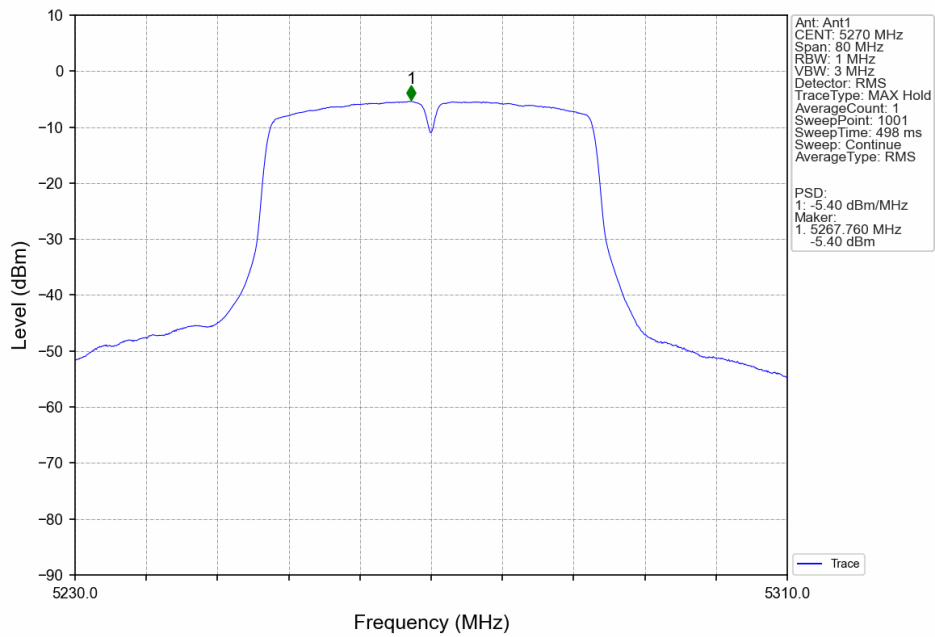
802.11n(HT20)_HCH_5320MHz_Ant2 NTN



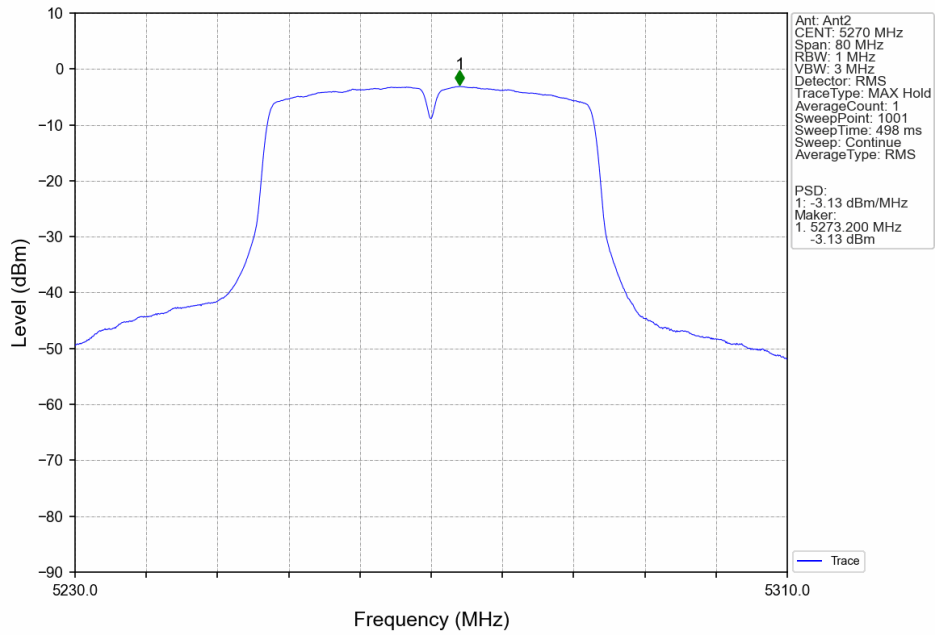
802.11n(HT20) HCH 5320MHz MIMO NTN



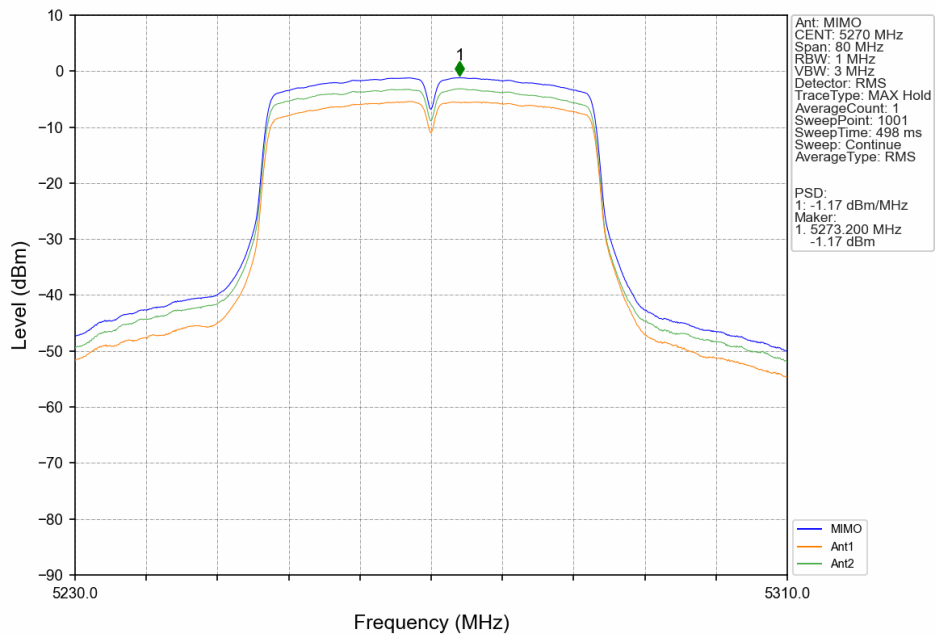
802.11n(HT40) LCH 5270MHz Ant1 NTN



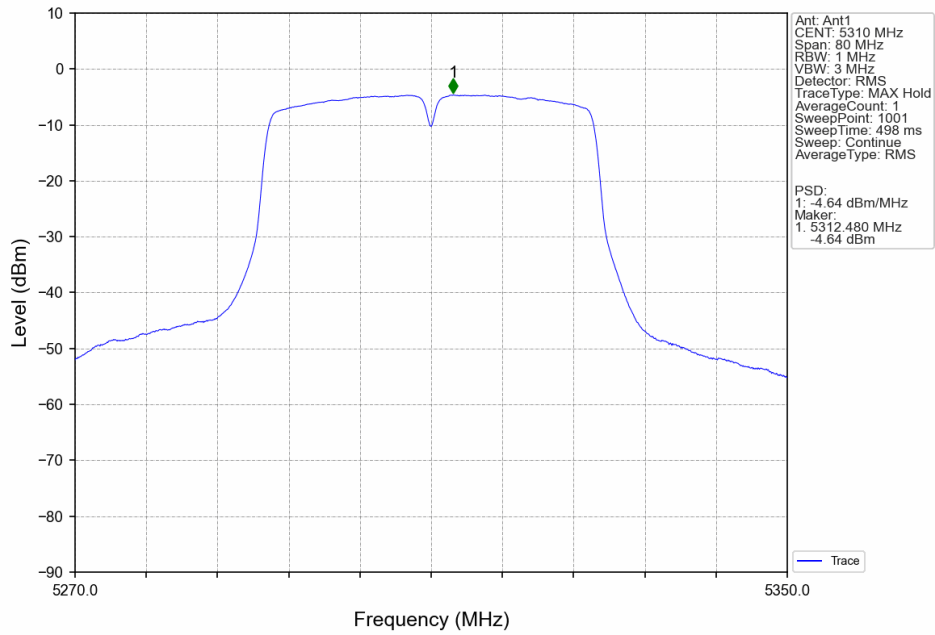
802.11n(HT40) LCH 5270MHz Ant2 NTN



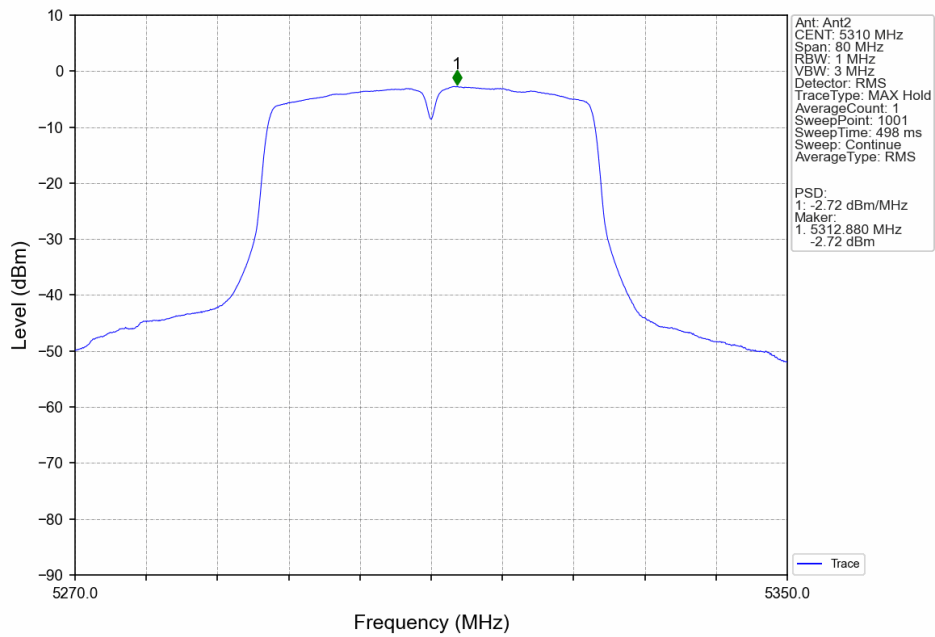
802.11n(HT40) LCH 5270MHz MIMO NTN



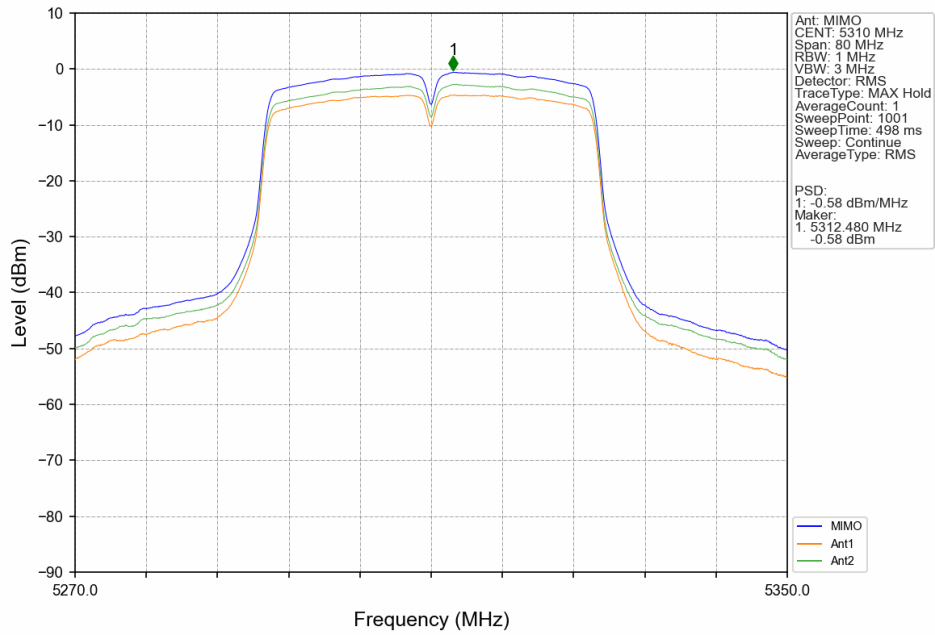
802.11n(HT40) HCH 5310MHz Ant1 NTN



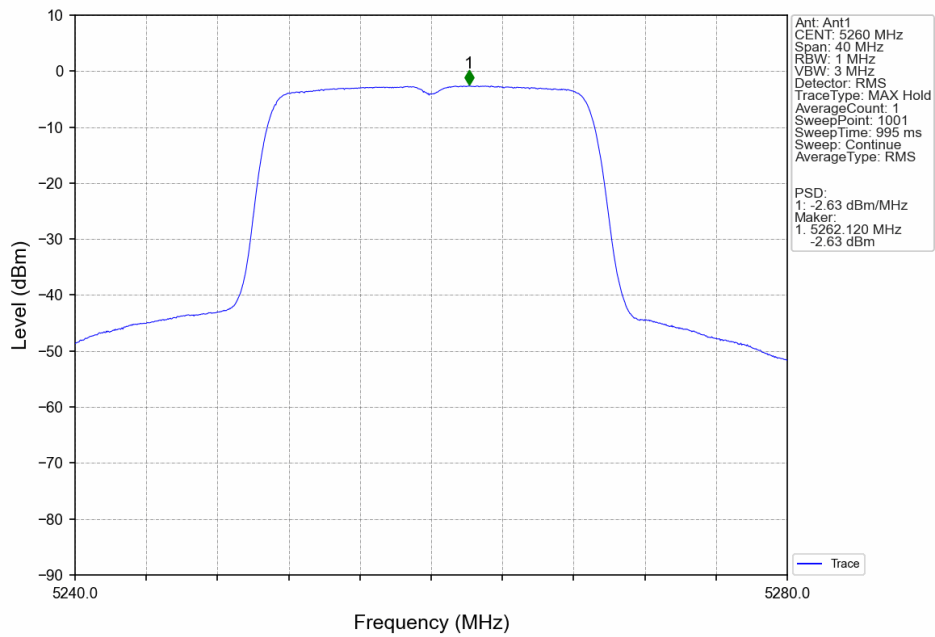
802.11n(HT40)_HCH_5310MHz_Ant2 NTN



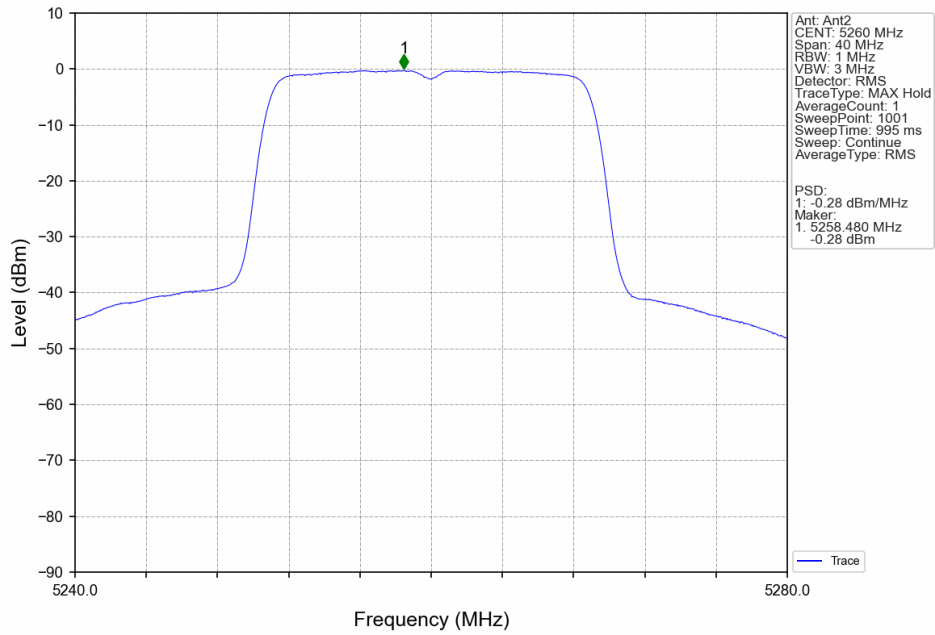
802.11n(HT40) HCH 5310MHz MIMO NTNV



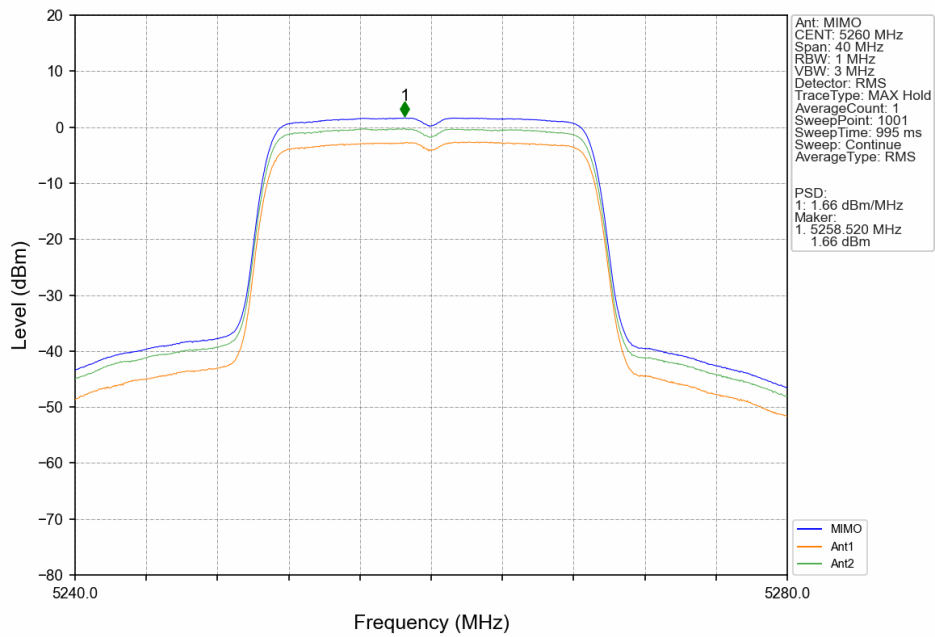
802.11ac(VHT20) LCH 5260MHz Ant1 NTNV



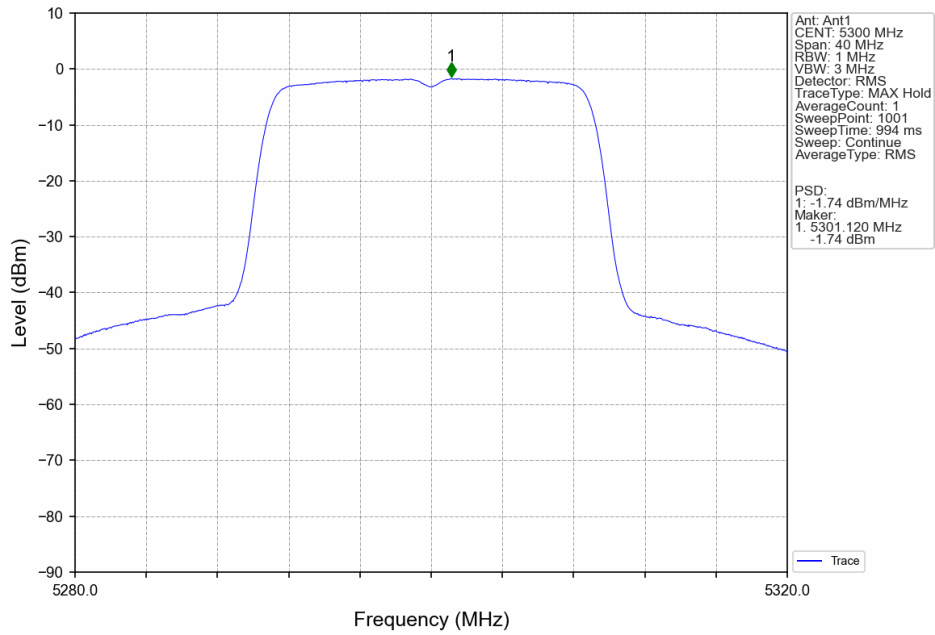
802.11ac(VHT20) LCH 5260MHz Ant2 NTN



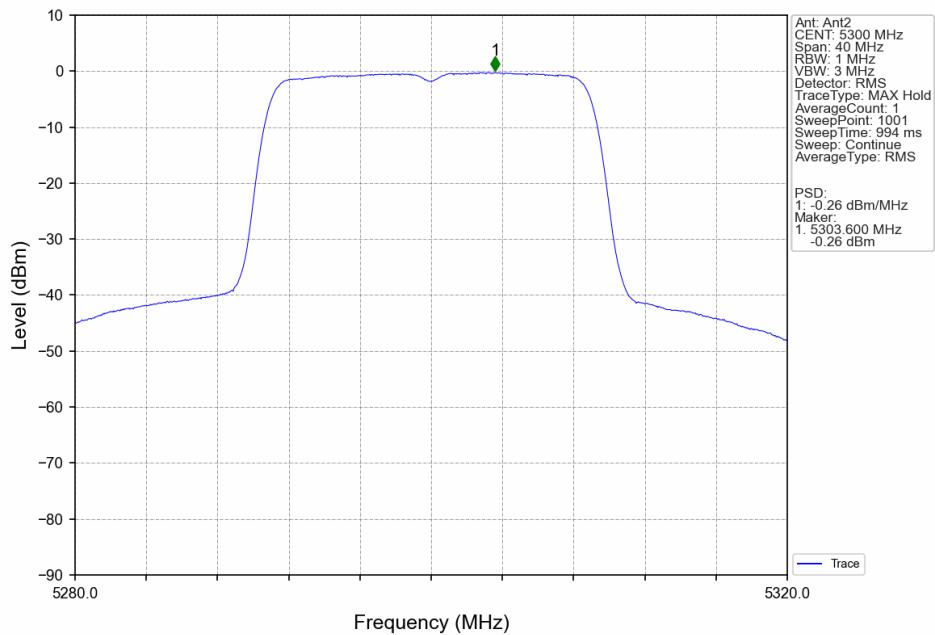
802.11ac(VHT20) LCH 5260MHz MIMO NTN



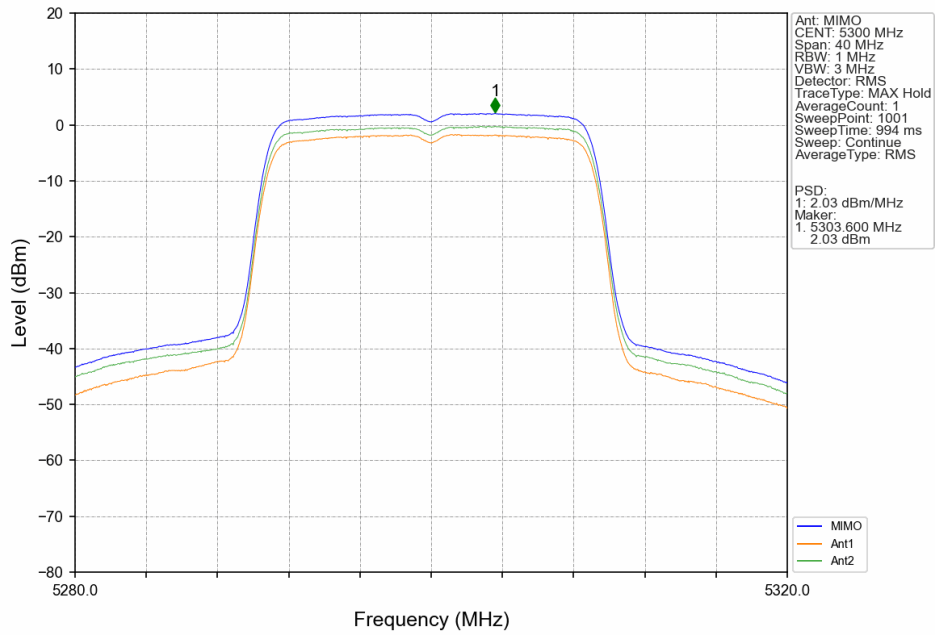
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



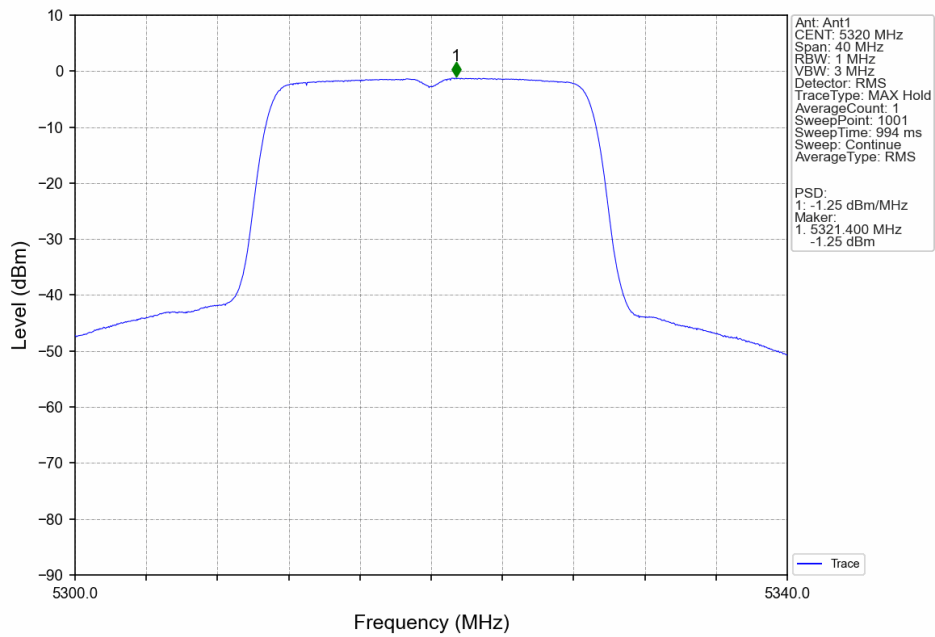
802.11ac(VHT20) MCH 5300MHz Ant2 NTN



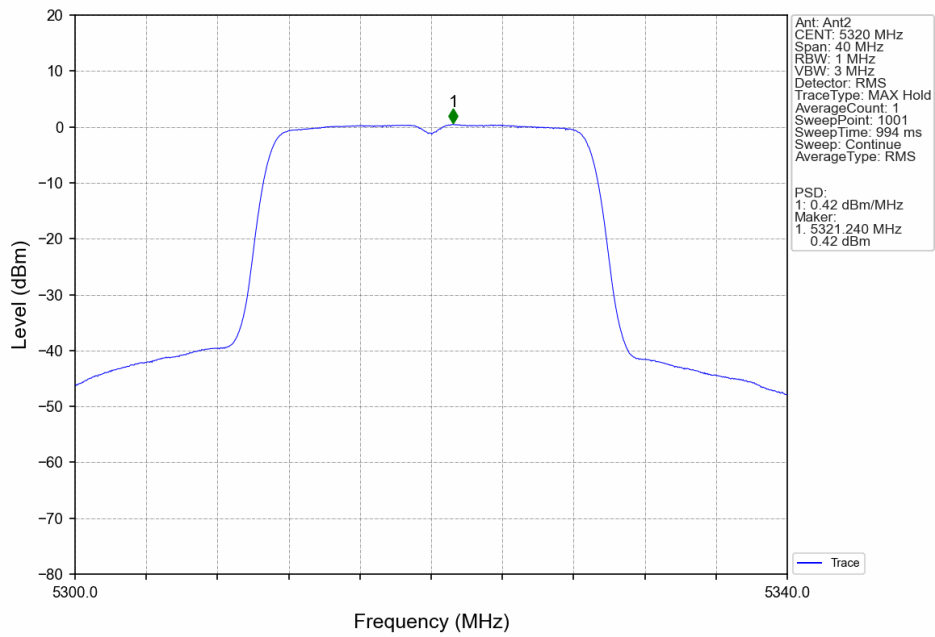
802.11ac(VHT20) MCH 5300MHz MIMO NTN



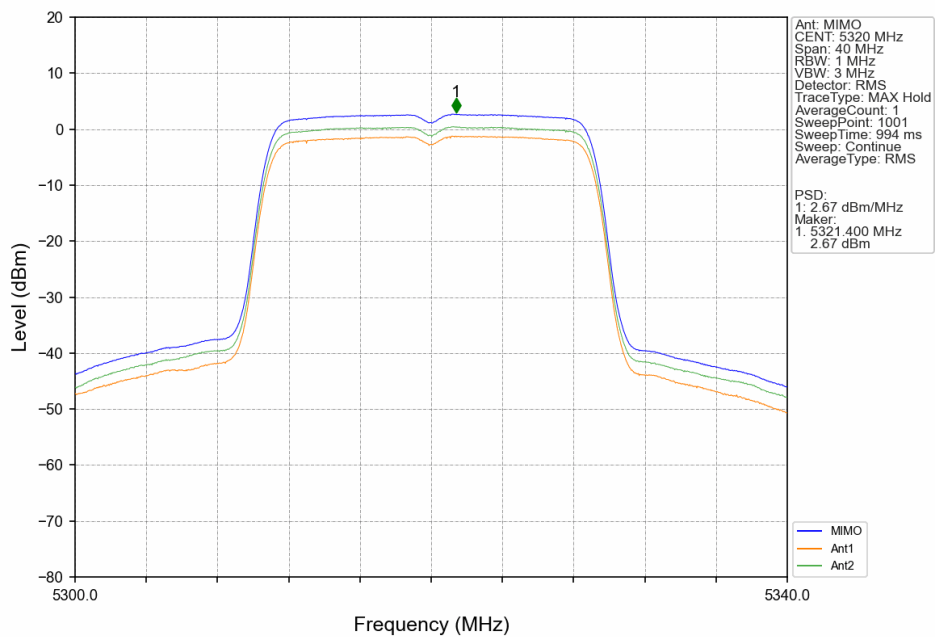
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



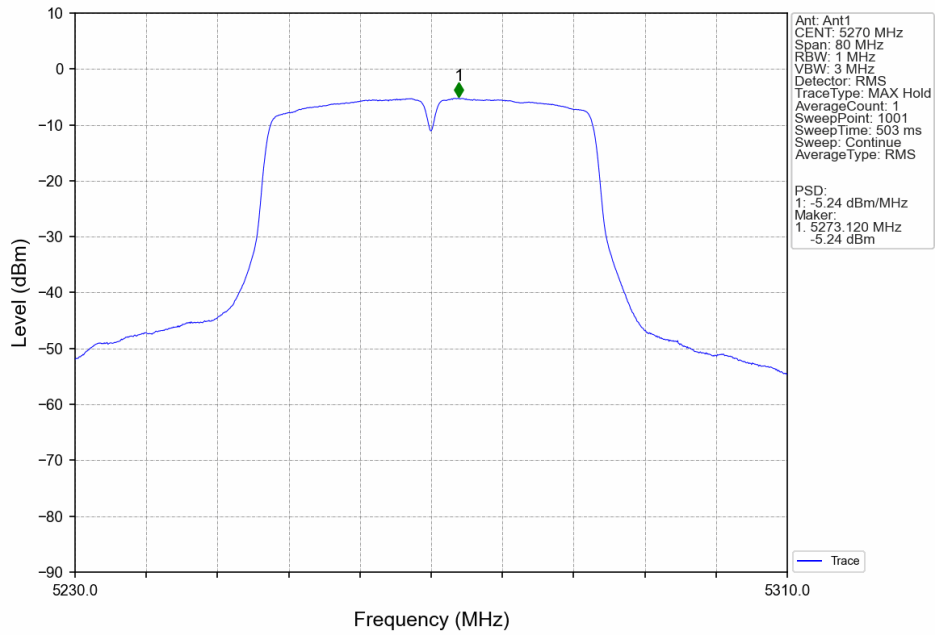
802.11ac(VHT20) HCH 5320MHz Ant2 NTN



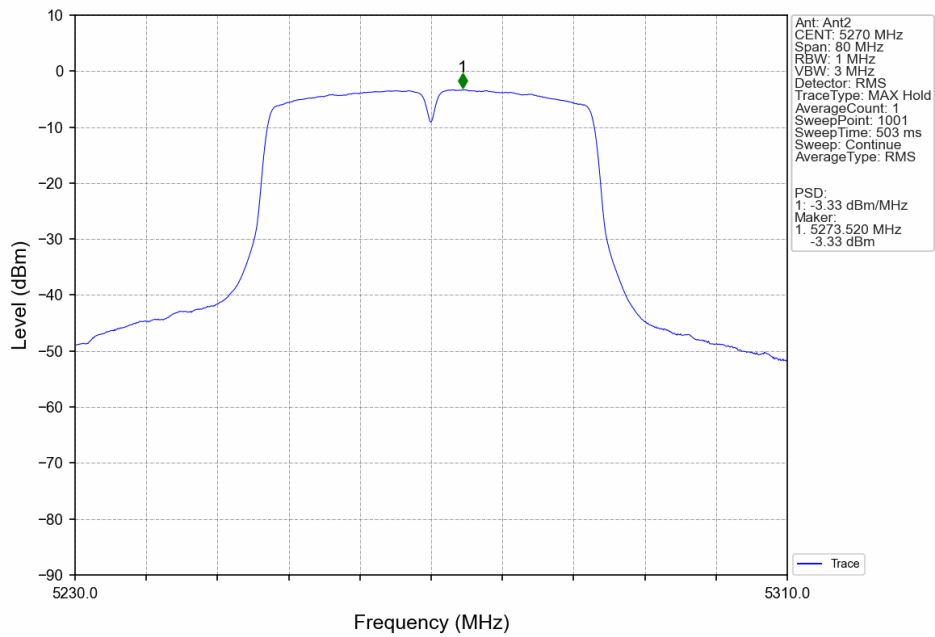
802.11ac(VHT20) HCH 5320MHz MIMO NTN



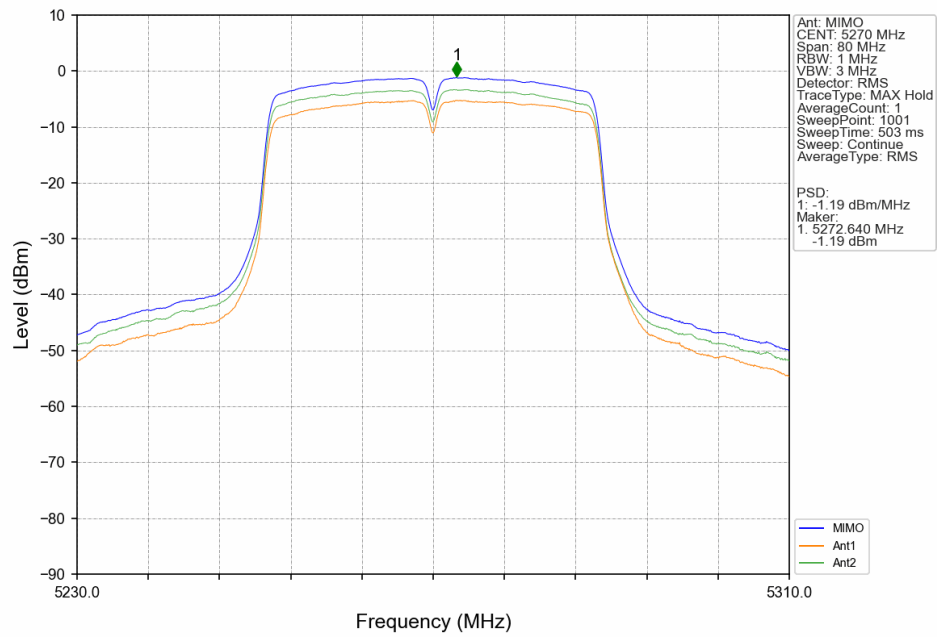
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



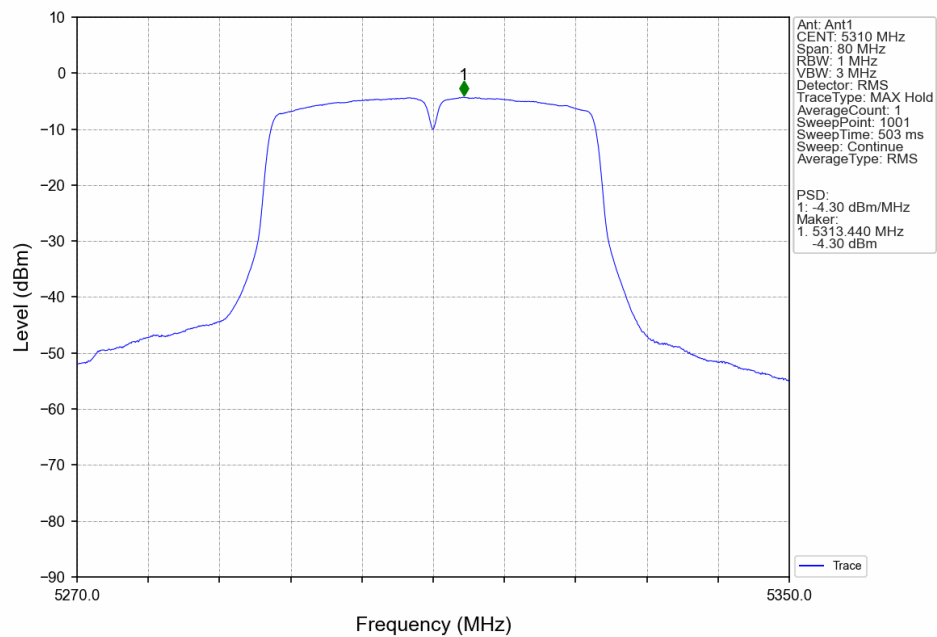
802.11ac(VHT40) LCH 5270MHz Ant2 NTN



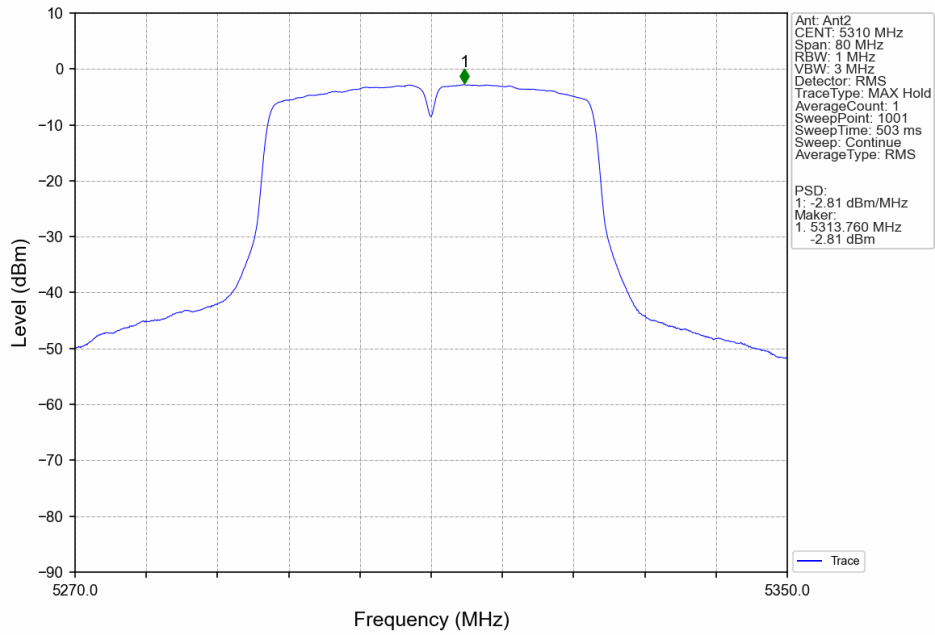
802.11ac(VHT40) LCH 5270MHz MIMO NTN



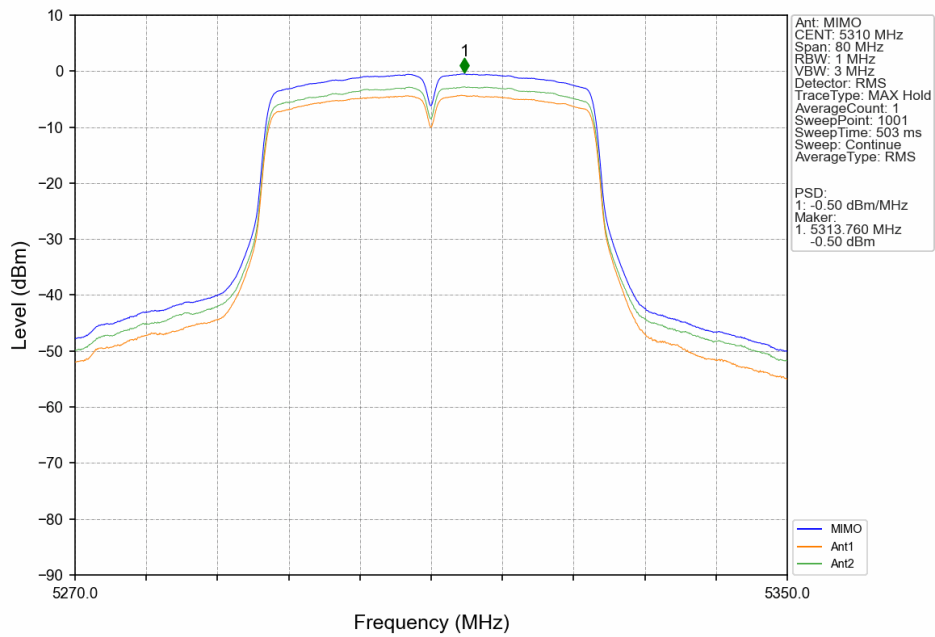
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



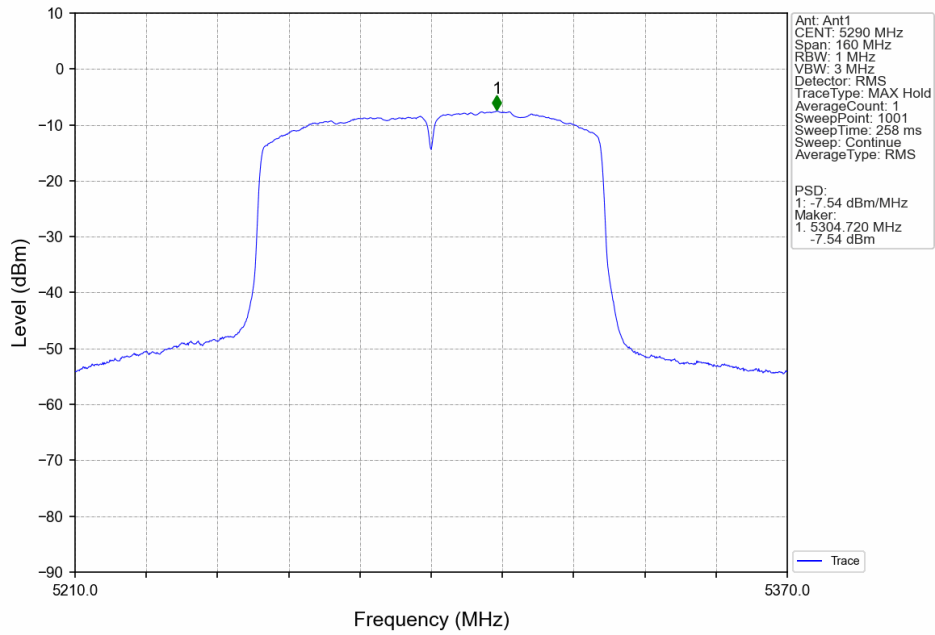
802.11ac(VHT40) HCH 5310MHz Ant2 NTN



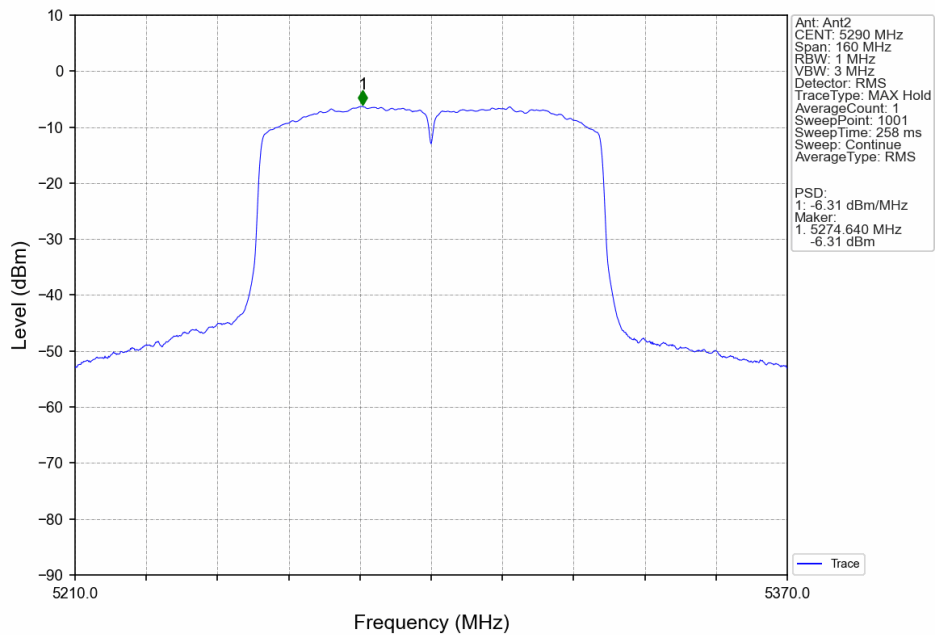
802.11ac(VHT40) HCH 5310MHz MIMO NTN

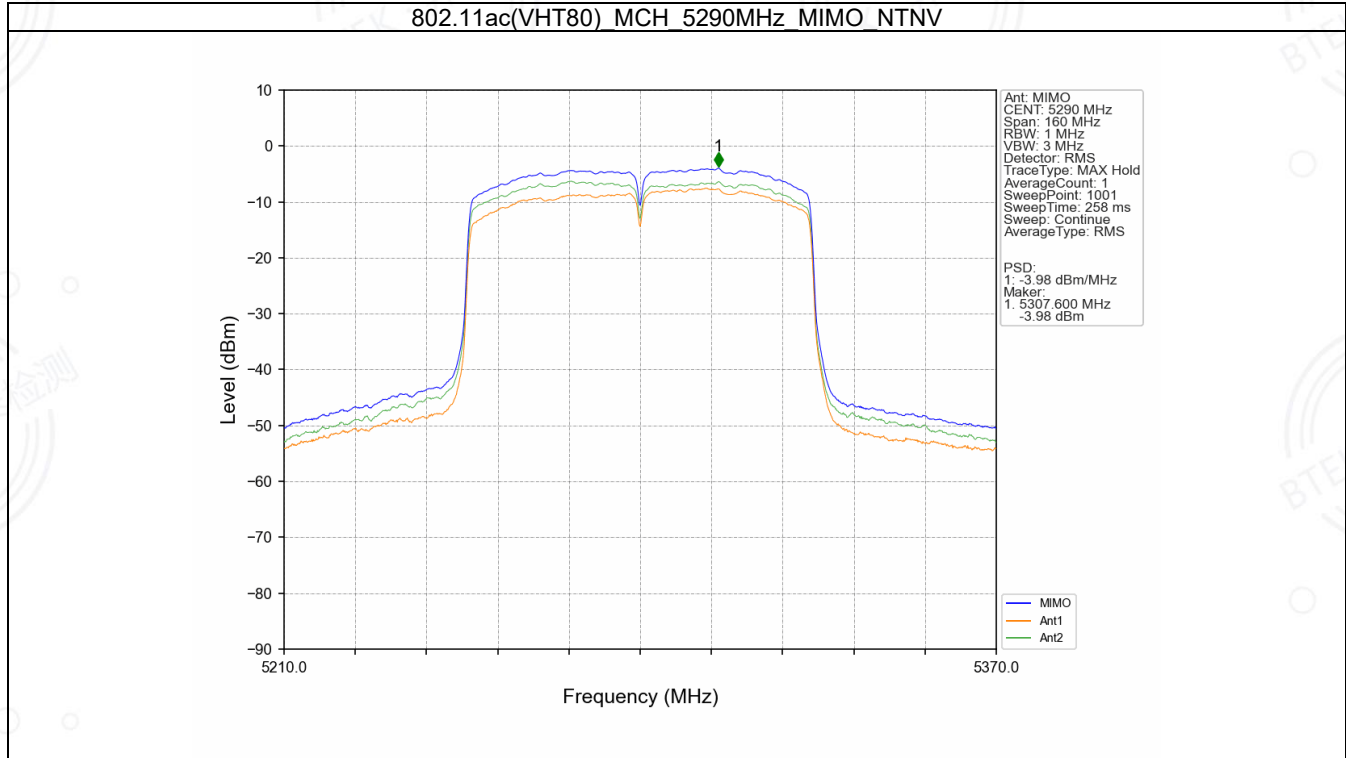


802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80) MCH_5290MHz_Ant2_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	5260	20	102	5260.020	5250 to 5350	Pass
				120	5260.040	5250 to 5350	Pass
				138	5259.980	5250 to 5350	Pass
			-30	120	5260.080	5250 to 5350	Pass
			-20	120	5260.020	5250 to 5350	Pass
			-10	120	5260.060	5250 to 5350	Pass
			0	120	5260.000	5250 to 5350	Pass
			10	120	5260.000	5250 to 5350	Pass
			30	120	5260.020	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5260.020	5250 to 5350	Pass
		5300	20	102	5300.020	5250 to 5350	Pass
				120	5300.040	5250 to 5350	Pass
				138	5300.000	5250 to 5350	Pass
			-30	120	5300.060	5250 to 5350	Pass
			-20	120	5300.020	5250 to 5350	Pass
			-10	120	5300.020	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			30	120	5300.040	5250 to 5350	Pass
			40	120	5300.040	5250 to 5350	Pass
			50	120	5300.000	5250 to 5350	Pass
		5320	20	102	5320.040	5250 to 5350	Pass
				120	5320.020	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
			-30	120	5320.020	5250 to 5350	Pass
			-20	120	5320.060	5250 to 5350	Pass
			-10	120	5320.060	5250 to 5350	Pass
			0	120	5320.040	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.060	5250 to 5350	Pass
			40	120	5320.040	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
802.11n (HT20)	MIMO	5260	20	102	5260.080	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
				138	5260.040	5250 to 5350	Pass
			-30	120	5260.040	5250 to 5350	Pass
			-20	120	5260.000	5250 to 5350	Pass
			-10	120	5259.980	5250 to 5350	Pass
			0	120	5260.060	5250 to 5350	Pass
			10	120	5260.040	5250 to 5350	Pass
			30	120	5260.040	5250 to 5350	Pass
			40	120	5260.040	5250 to 5350	Pass
			50	120	5260.020	5250 to 5350	Pass
		5300	20	102	5300.040	5250 to 5350	Pass
				120	5300.040	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	5300.060	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass
			40	120	5300.040	5250 to 5350	Pass
			50	120	5300.020	5250 to 5350	Pass
		5320	20	102	5320.040	5250 to 5350	Pass
				120	5319.980	5250 to 5350	Pass
				138	5320.040	5250 to 5350	Pass
			-30	120	5320.020	5250 to 5350	Pass
			-20	120	5320.040	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
			10	120	5320.000	5250 to 5350	Pass
			30	120	5320.040	5250 to 5350	Pass
			40	120	5320.020	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
802.11n (HT40)	MIMO	5270	20	102	5270.160	5250 to 5350	Pass
				120	5270.160	5250 to 5350	Pass
				138	5270.080	5250 to 5350	Pass
			-30	120	5270.080	5250 to 5350	Pass
			-20	120	5270.080	5250 to 5350	Pass
			-10	120	5270.160	5250 to 5350	Pass
			0	120	5270.120	5250 to 5350	Pass
			10	120	5270.160	5250 to 5350	Pass
			30	120	5270.040	5250 to 5350	Pass
			40	120	5270.120	5250 to 5350	Pass
			50	120	5270.120	5250 to 5350	Pass
		5310	20	102	5310.120	5250 to 5350	Pass
				120	5310.120	5250 to 5350	Pass
				138	5310.120	5250 to 5350	Pass
			-30	120	5310.120	5250 to 5350	Pass
			-20	120	5310.160	5250 to 5350	Pass
			-10	120	5310.120	5250 to 5350	Pass
			0	120	5310.160	5250 to 5350	Pass
			10	120	5310.120	5250 to 5350	Pass
			30	120	5310.160	5250 to 5350	Pass
			40	120	5310.120	5250 to 5350	Pass
802.11ac (VHT20)	MIMO	5260	20	102	5260.060	5250 to 5350	Pass
				120	5260.060	5250 to 5350	Pass
				138	5260.080	5250 to 5350	Pass
			-30	120	5260.080	5250 to 5350	Pass
			-20	120	5260.080	5250 to 5350	Pass
			-10	120	5260.040	5250 to 5350	Pass
			0	120	5260.080	5250 to 5350	Pass
			10	120	5260.080	5250 to 5350	Pass
			30	120	5260.040	5250 to 5350	Pass
			40	120	5260.040	5250 to 5350	Pass
			50	120	5260.040	5250 to 5350	Pass
		5300	20	102	5300.040	5250 to 5350	Pass
				120	5300.020	5250 to 5350	Pass
				138	5300.020	5250 to 5350	Pass
			-30	120	5300.020	5250 to 5350	Pass
			-20	120	5300.020	5250 to 5350	Pass
			-10	120	5300.020	5250 to 5350	Pass
			0	120	5300.020	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass



		5320	40	120	5300.020	5250 to 5350	Pass
			50	120	5300.040	5250 to 5350	Pass
			20	102	5320.040	5250 to 5350	Pass
				120	5320.020	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
			-30	120	5320.000	5250 to 5350	Pass
			-20	120	5320.020	5250 to 5350	Pass
			-10	120	5320.040	5250 to 5350	Pass
			0	120	5320.040	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.040	5250 to 5350	Pass
			40	120	5320.040	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
802.11ac (VHT40)	MIMO	5270	20	102	5270.120	5250 to 5350	Pass
				120	5270.160	5250 to 5350	Pass
				138	5270.080	5250 to 5350	Pass
			-30	120	5270.120	5250 to 5350	Pass
			-20	120	5270.200	5250 to 5350	Pass
			-10	120	5270.120	5250 to 5350	Pass
			0	120	5270.080	5250 to 5350	Pass
			10	120	5270.120	5250 to 5350	Pass
			30	120	5270.120	5250 to 5350	Pass
			40	120	5270.080	5250 to 5350	Pass
			50	120	5270.080	5250 to 5350	Pass
		5310	20	102	5310.120	5250 to 5350	Pass
				120	5310.080	5250 to 5350	Pass
				138	5310.080	5250 to 5350	Pass
			-30	120	5310.080	5250 to 5350	Pass
			-20	120	5310.200	5250 to 5350	Pass
			-10	120	5310.160	5250 to 5350	Pass
			0	120	5310.120	5250 to 5350	Pass
			10	120	5310.160	5250 to 5350	Pass
			30	120	5310.160	5250 to 5350	Pass
			40	120	5310.120	5250 to 5350	Pass
802.11ac (VHT80)	MIMO	5290	20	102	5290.075	5250 to 5350	Pass
				120	5290.075	5250 to 5350	Pass
				138	5290.075	5250 to 5350	Pass
			-30	120	5290.075	5250 to 5350	Pass
			-20	120	5290.075	5250 to 5350	Pass
			-10	120	5290.075	5250 to 5350	Pass
			0	120	5290.150	5250 to 5350	Pass
			10	120	5290.225	5250 to 5350	Pass
			30	120	5290.150	5250 to 5350	Pass
			40	120	5290.150	5250 to 5350	Pass
			50	120	5290.075	5250 to 5350	Pass



5.1.2 Ant2

Ant2							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5260	20	102	5260.060	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
				138	5260.060	5250 to 5350	Pass
			-30	120	5260.060	5250 to 5350	Pass
			-20	120	5260.000	5250 to 5350	Pass
			-10	120	5260.000	5250 to 5350	Pass
			0	120	5260.000	5250 to 5350	Pass
			10	120	5260.040	5250 to 5350	Pass
			30	120	5259.960	5250 to 5350	Pass
			40	120	5259.980	5250 to 5350	Pass
			50	120	5260.040	5250 to 5350	Pass
		5300	20	102	5300.020	5250 to 5350	Pass
				120	5300.000	5250 to 5350	Pass
				138	5300.020	5250 to 5350	Pass
			-30	120	5299.980	5250 to 5350	Pass
			-20	120	5300.060	5250 to 5350	Pass
			-10	120	5300.040	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			30	120	5300.060	5250 to 5350	Pass
			40	120	5300.040	5250 to 5350	Pass
			50	120	5300.060	5250 to 5350	Pass
		5320	20	102	5320.040	5250 to 5350	Pass
				120	5320.040	5250 to 5350	Pass
				138	5320.000	5250 to 5350	Pass
			-30	120	5320.000	5250 to 5350	Pass
			-20	120	5320.040	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
			10	120	5319.960	5250 to 5350	Pass
			30	120	5320.020	5250 to 5350	Pass
			40	120	5320.040	5250 to 5350	Pass
			50	120	5319.960	5250 to 5350	Pass
802.11n (HT20)	MIMO	5260	20	102	5259.980	5250 to 5350	Pass
				120	5260.020	5250 to 5350	Pass
				138	5260.020	5250 to 5350	Pass
			-30	120	5260.020	5250 to 5350	Pass
			-20	120	5260.020	5250 to 5350	Pass
			-10	120	5260.020	5250 to 5350	Pass
			0	120	5260.040	5250 to 5350	Pass
			10	120	5260.020	5250 to 5350	Pass
			30	120	5260.000	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5260.020	5250 to 5350	Pass
		5300	20	102	5300.040	5250 to 5350	Pass
				120	5300.020	5250 to 5350	Pass
				138	5300.020	5250 to 5350	Pass
			-30	120	5300.040	5250 to 5350	Pass
			-20	120	5300.040	5250 to 5350	Pass
			-10	120	5300.020	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.040	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass
			40	120	5300.020	5250 to 5350	Pass



		5320	50	120	5300.040	5250 to 5350	Pass
			20	102	5320.020	5250 to 5350	Pass
				120	5320.060	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
			-30	120	5320.020	5250 to 5350	Pass
			-20	120	5320.020	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			0	120	5320.040	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.040	5250 to 5350	Pass
			40	120	5320.040	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
802.11n (HT40)	MIMO	5270	20	102	5270.000	5250 to 5350	Pass
				120	5270.080	5250 to 5350	Pass
				138	5270.120	5250 to 5350	Pass
			-30	120	5270.040	5250 to 5350	Pass
			-20	120	5270.080	5250 to 5350	Pass
			-10	120	5270.120	5250 to 5350	Pass
			0	120	5270.080	5250 to 5350	Pass
			10	120	5270.080	5250 to 5350	Pass
			30	120	5270.080	5250 to 5350	Pass
			40	120	5270.120	5250 to 5350	Pass
			50	120	5270.080	5250 to 5350	Pass
		5310	20	102	5310.080	5250 to 5350	Pass
				120	5310.120	5250 to 5350	Pass
				138	5310.080	5250 to 5350	Pass
			-30	120	5310.120	5250 to 5350	Pass
			-20	120	5310.120	5250 to 5350	Pass
			-10	120	5310.080	5250 to 5350	Pass
			0	120	5310.120	5250 to 5350	Pass
			10	120	5310.080	5250 to 5350	Pass
			30	120	5310.080	5250 to 5350	Pass
			40	120	5310.120	5250 to 5350	Pass
			50	120	5310.120	5250 to 5350	Pass
802.11ac (VHT20)	MIMO	5260	20	102	5260.040	5250 to 5350	Pass
				120	5260.040	5250 to 5350	Pass
				138	5260.020	5250 to 5350	Pass
			-30	120	5260.040	5250 to 5350	Pass
			-20	120	5260.000	5250 to 5350	Pass
			-10	120	5260.020	5250 to 5350	Pass
			0	120	5260.020	5250 to 5350	Pass
			10	120	5260.020	5250 to 5350	Pass
			30	120	5260.060	5250 to 5350	Pass
			40	120	5260.060	5250 to 5350	Pass
			50	120	5260.040	5250 to 5350	Pass
		5300	20	102	5300.040	5250 to 5350	Pass
				120	5300.040	5250 to 5350	Pass
				138	5300.040	5250 to 5350	Pass
			-30	120	5300.040	5250 to 5350	Pass
			-20	120	5300.040	5250 to 5350	Pass
			-10	120	5300.040	5250 to 5350	Pass
			0	120	5300.000	5250 to 5350	Pass
			10	120	5300.060	5250 to 5350	Pass
			30	120	5300.040	5250 to 5350	Pass
			40	120	5300.040	5250 to 5350	Pass
			50	120	5300.020	5250 to 5350	Pass
		5320	20	102	5320.040	5250 to 5350	Pass
				120	5320.000	5250 to 5350	Pass
				138	5320.040	5250 to 5350	Pass



			-30	120	5320.000	5250 to 5350	Pass
			-20	120	5320.000	5250 to 5350	Pass
			-10	120	5320.020	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
			10	120	5320.040	5250 to 5350	Pass
			30	120	5320.000	5250 to 5350	Pass
			40	120	5320.020	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
802.11ac (VHT40)	MIMO	5270	20	102	5270.080	5250 to 5350	Pass
				120	5270.080	5250 to 5350	Pass
				138	5270.120	5250 to 5350	Pass
			-30	120	5270.120	5250 to 5350	Pass
			-20	120	5270.080	5250 to 5350	Pass
			-10	120	5270.080	5250 to 5350	Pass
			0	120	5270.080	5250 to 5350	Pass
			10	120	5270.120	5250 to 5350	Pass
		5310	20	102	5310.080	5250 to 5350	Pass
				120	5310.000	5250 to 5350	Pass
				138	5310.080	5250 to 5350	Pass
			-30	120	5310.040	5250 to 5350	Pass
			-20	120	5310.080	5250 to 5350	Pass
			-10	120	5310.080	5250 to 5350	Pass
			0	120	5310.040	5250 to 5350	Pass
			10	120	5310.080	5250 to 5350	Pass
			30	120	5310.120	5250 to 5350	Pass
			40	120	5310.080	5250 to 5350	Pass
			50	120	5310.080	5250 to 5350	Pass
802.11ac (VHT80)	MIMO	5290	20	102	5300.206	5250 to 5350	Pass
				120	5290.075	5250 to 5350	Pass
				138	5290.150	5250 to 5350	Pass
			-30	120	5290.000	5250 to 5350	Pass
			-20	120	5290.075	5250 to 5350	Pass
			-10	120	5290.075	5250 to 5350	Pass
			0	120	5290.075	5250 to 5350	Pass
			10	120	5290.150	5250 to 5350	Pass
			30	120	5290.075	5250 to 5350	Pass
			40	120	5290.000	5250 to 5350	Pass
			50	120	5290.000	5250 to 5350	Pass

6. Form731

6.1 Test Result

6.1.1 Form731

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5260	5320	0.0293	14.67
5270	5310	0.0239	13.79
5290	5290	0.0209	13.21

