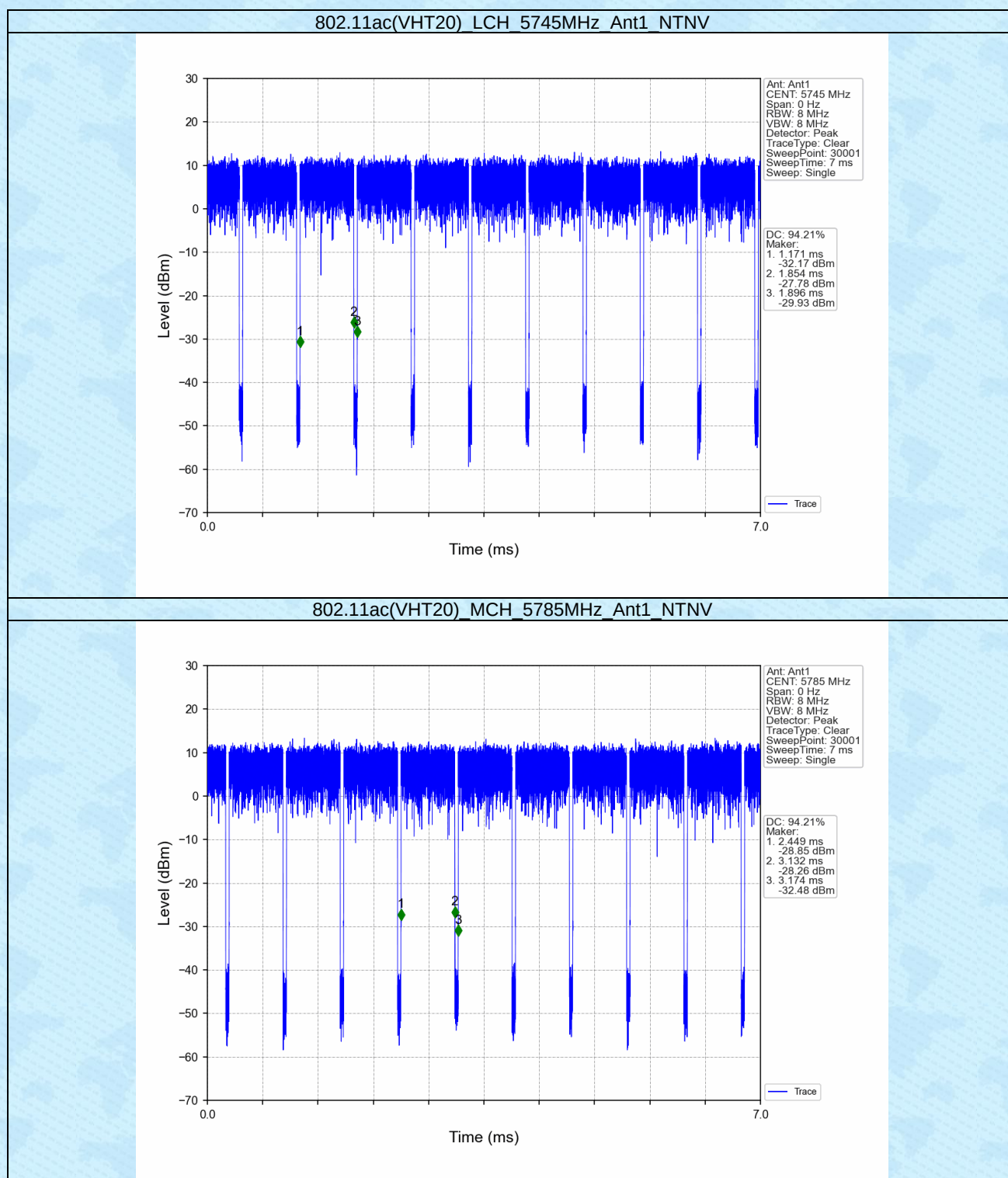
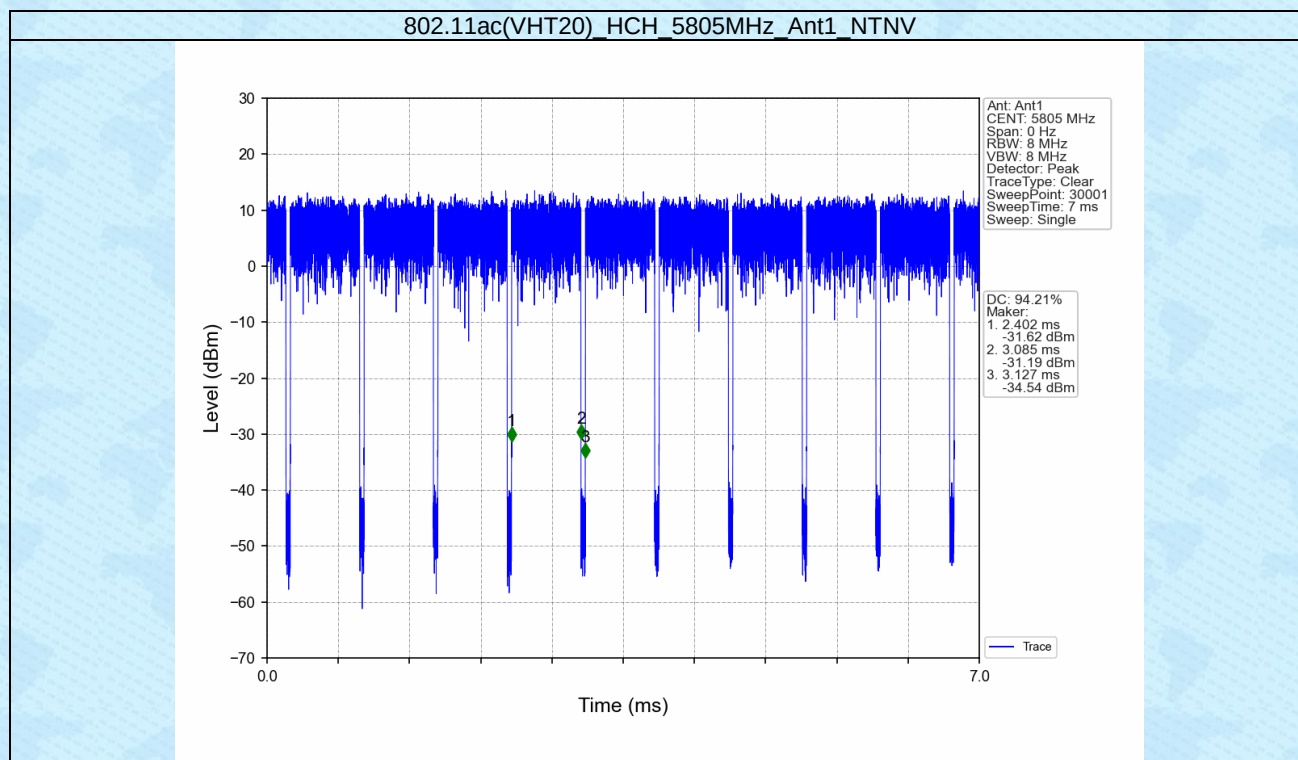


Appendix for 15.407**1. Duty Cycle****1.1 Test Result**

Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11ac (VHT20)	SISO	5745	0.683	0.725	94.21	0.26	0.03
		5785	0.683	0.725	94.21	0.26	0.03
		5805	0.683	0.725	94.21	0.26	0.03

1.2 Test Graph





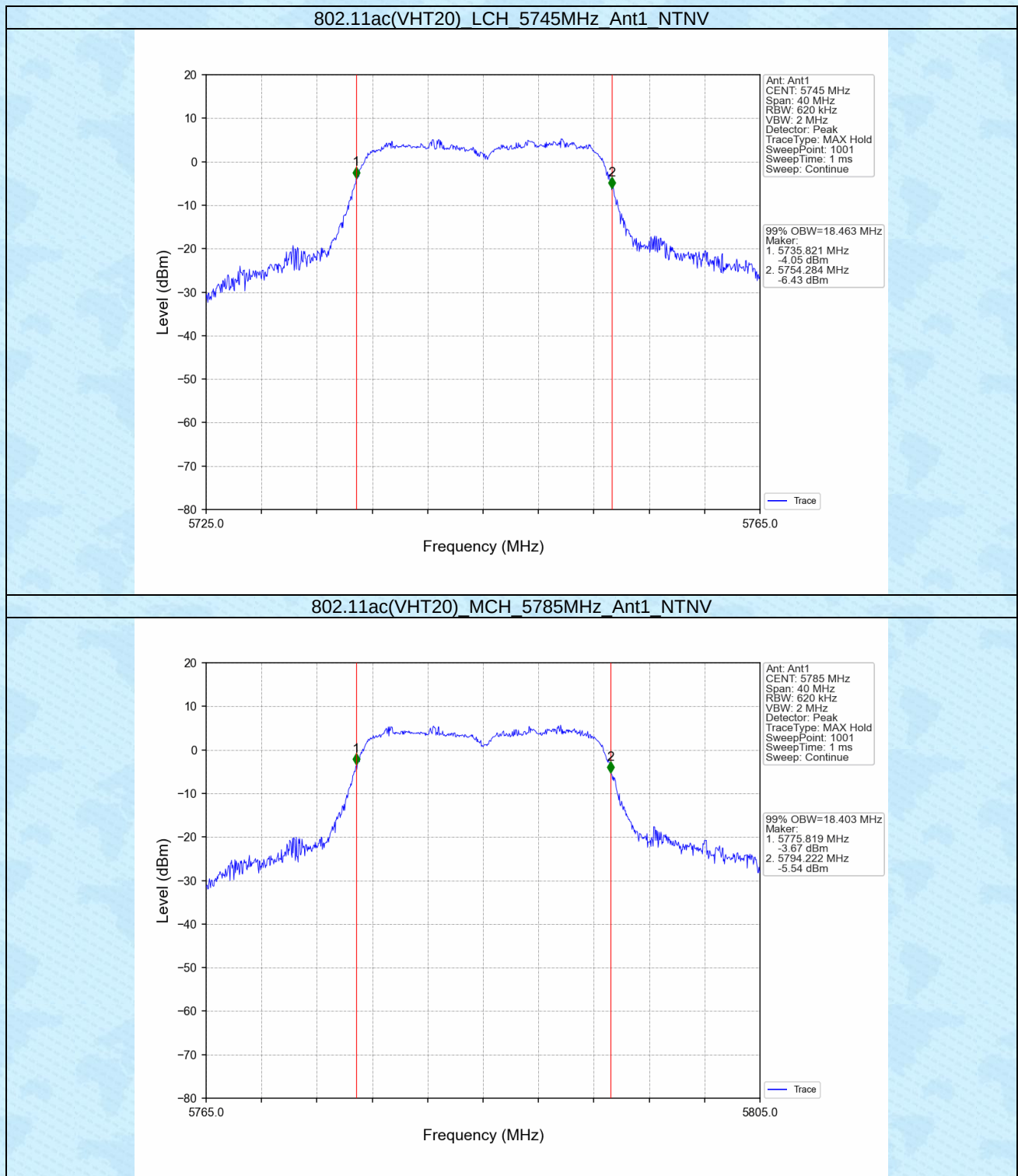
2. Bandwidth

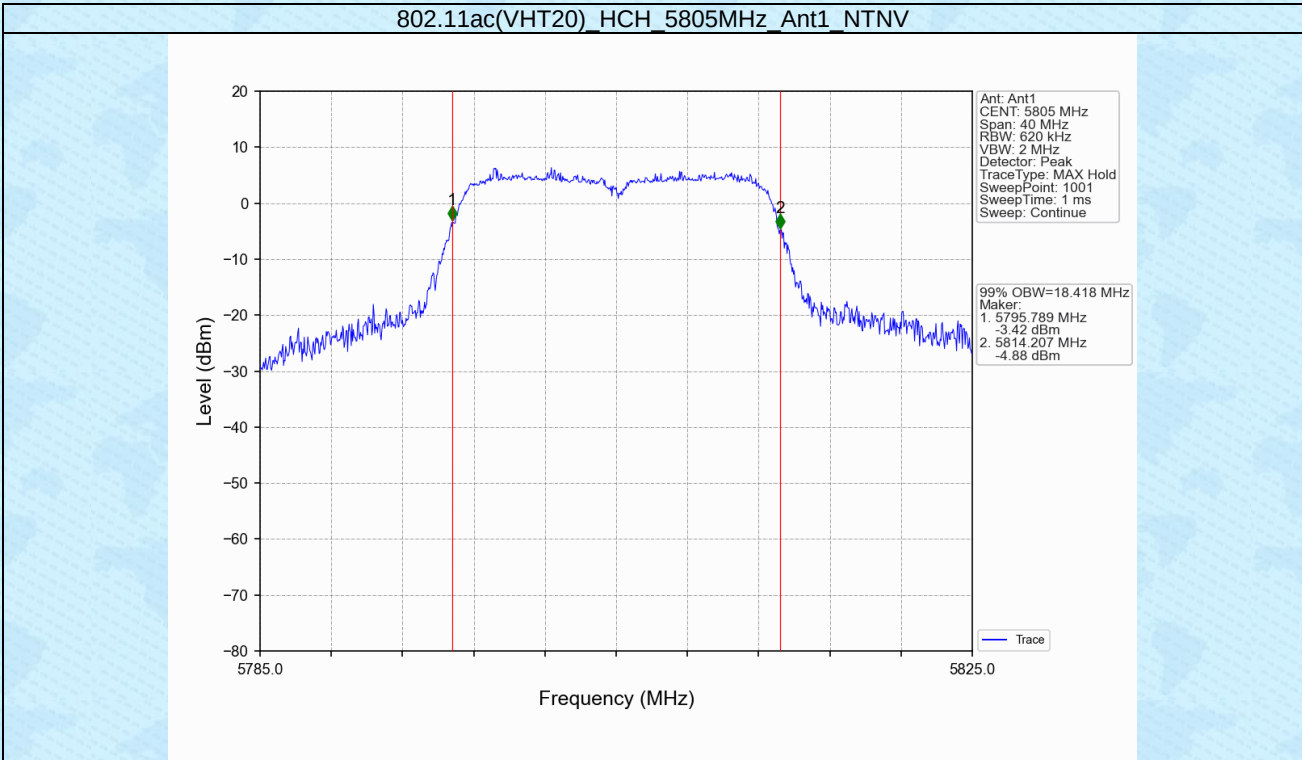
2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
802.11ac (VHT20)	SISO	5745	1	18.463	Pass
		5785	1	18.403	Pass
		5805	1	18.418	Pass

2.1.2 Test Graph



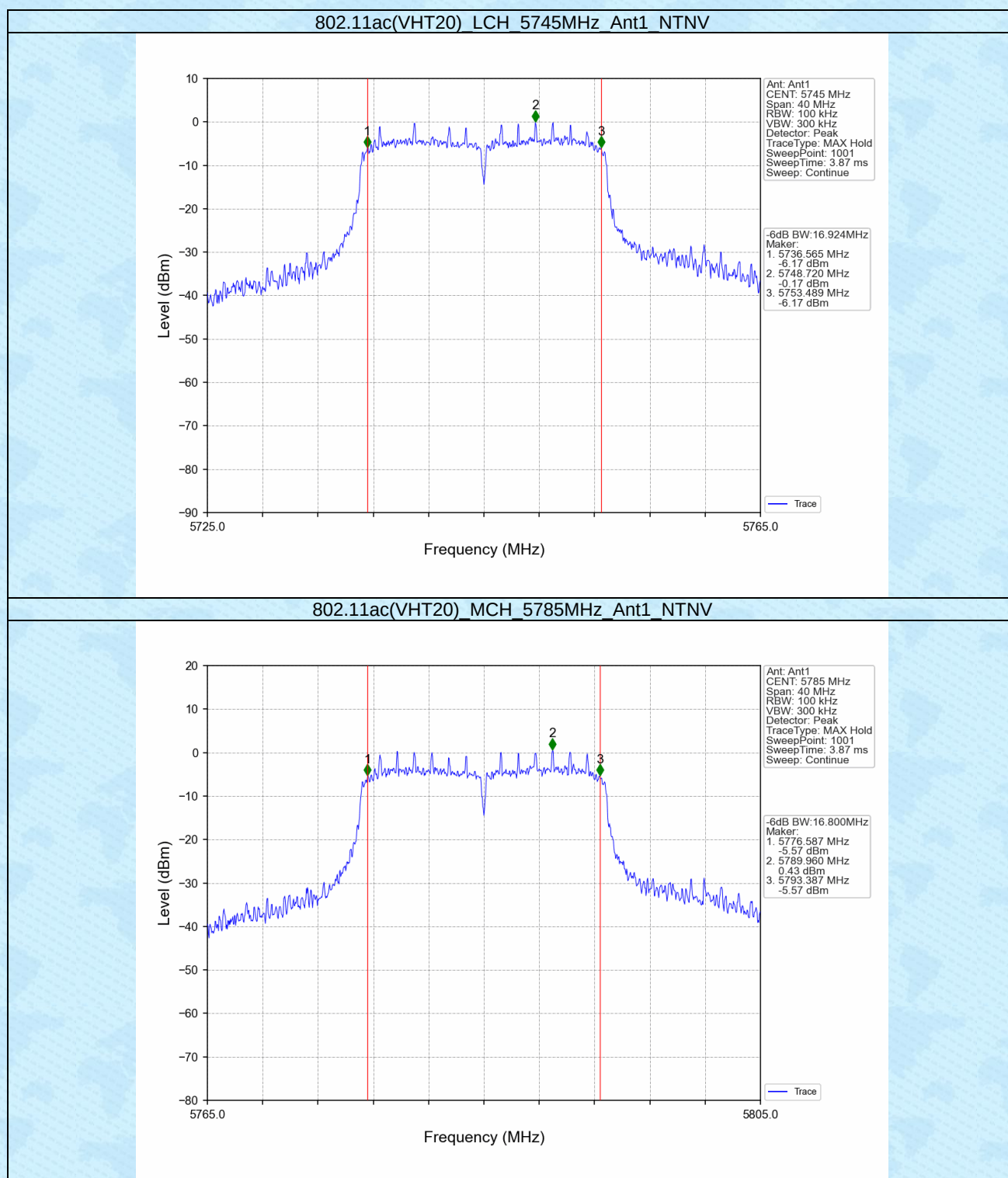


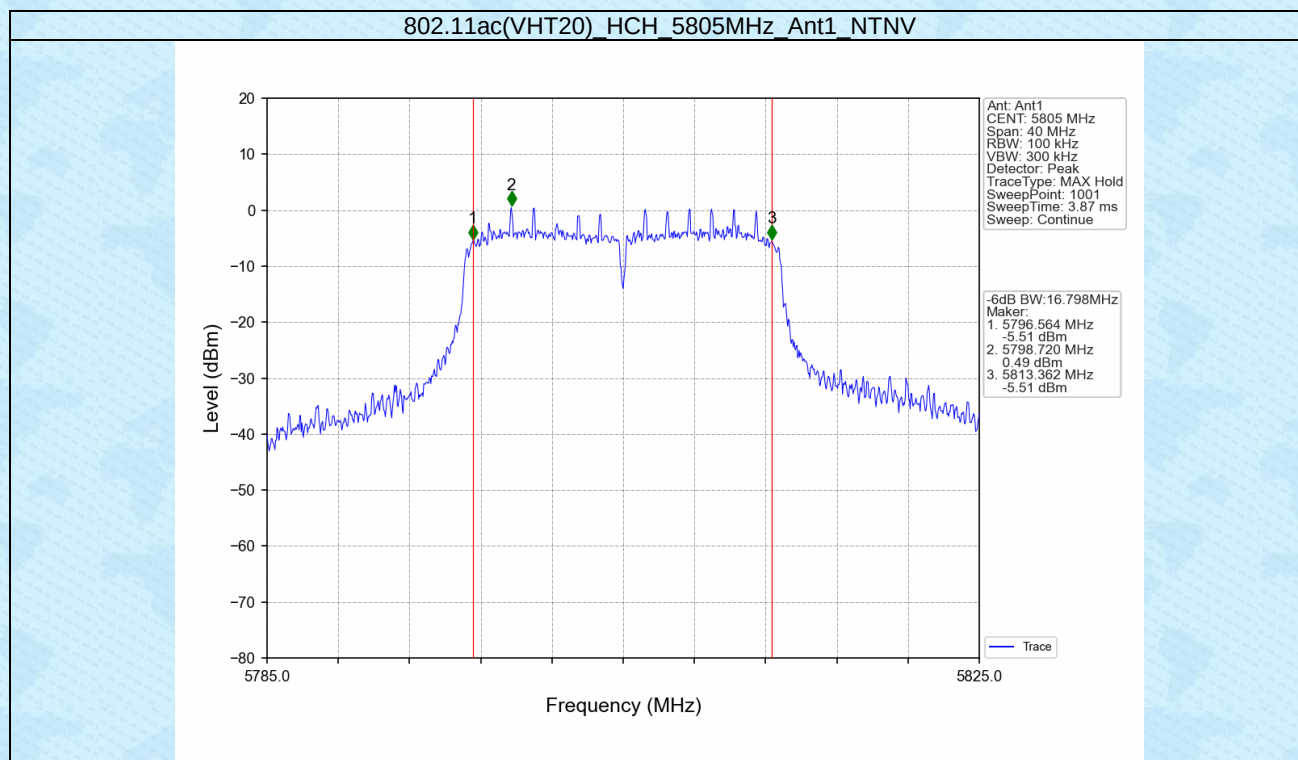
2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11ac (VHT20)	SISO	5745	1	16.924	>=0.5	Pass
		5785	1	16.800	>=0.5	Pass
		5805	1	16.798	>=0.5	Pass

2.2.2 Test Graph





3. Maximum Conducted Output Power

3.1 Test Result

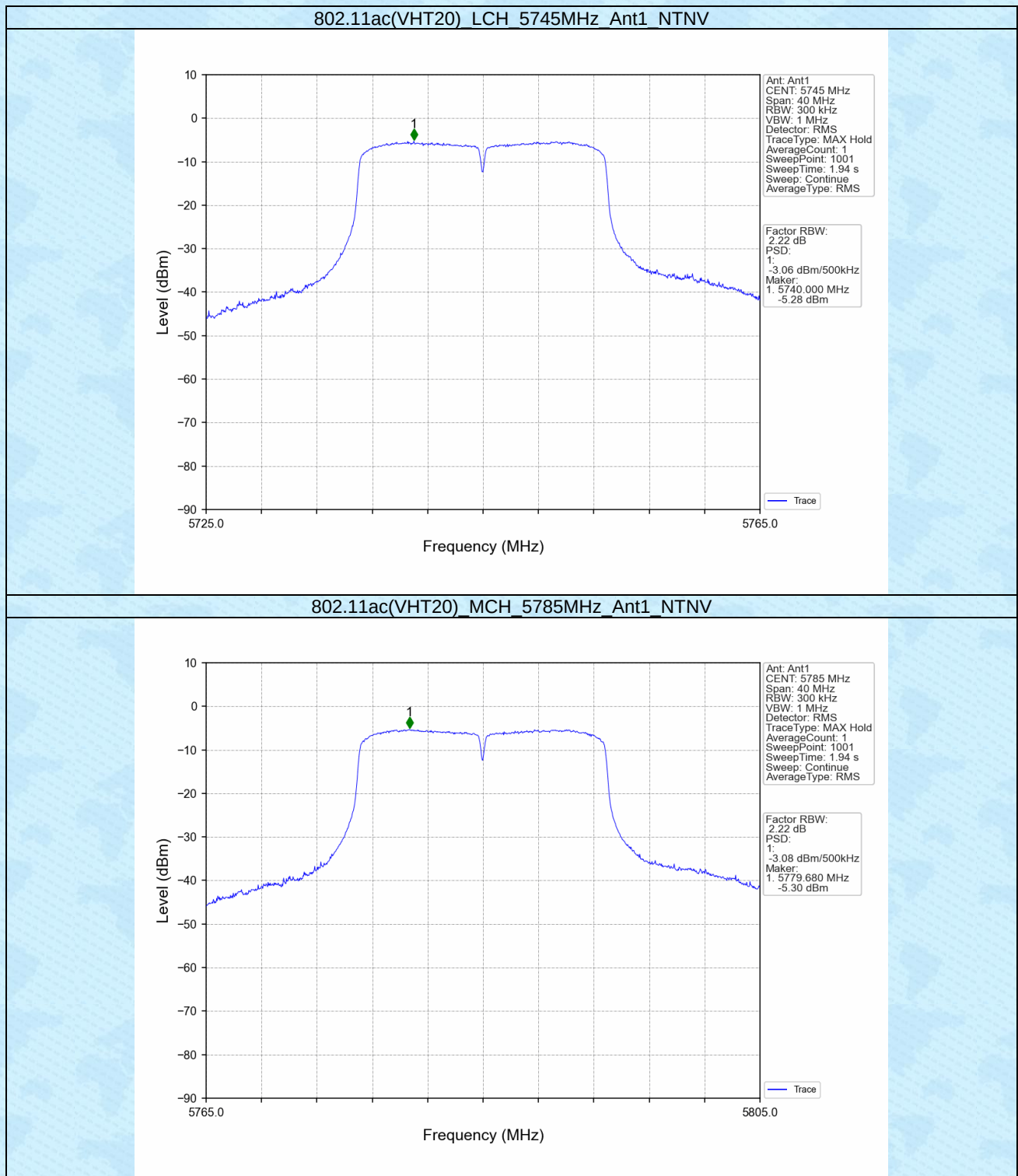
Test Mode	Frequency (MHz)	Tx Type	Measured Output Power (dBm)	Duty Factor	Output Power (dBm)	Limit (dBm)	Verdict
			Ant 1				
802.11ac(VHT20)	5745	SISO	10.89	0.26	11.15	≤30.00	PASS
	5785	SISO	11.01	0.26	11.27	≤30.00	PASS
	5805	SISO	10.93	0.26	11.19	≤30.00	PASS

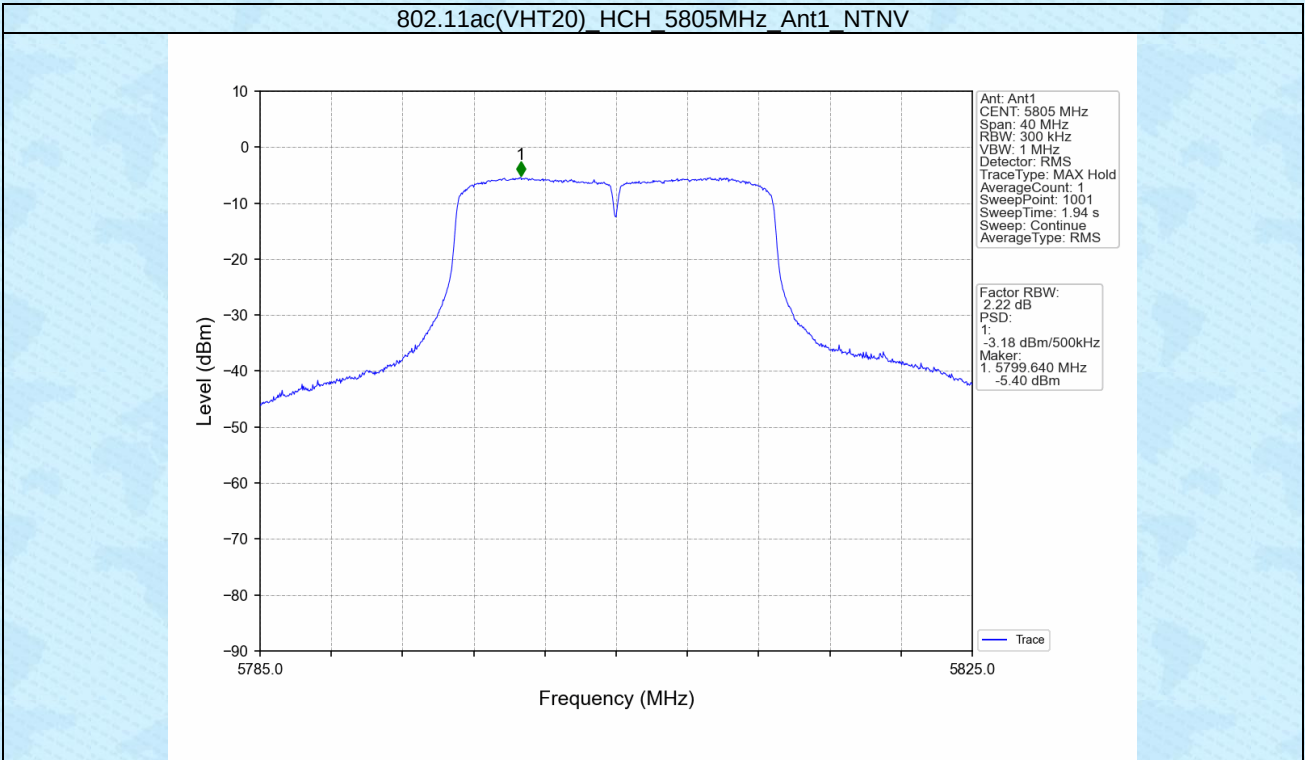
4. Maximum Power Spectral Density

4.1 Test Result

Test Mode	Frequency (MHz)	Tx Type	Maximum Power Spectral Density (dBm/MHz)	Duty Factor	Total Power Spectral Density (dBm/MHz)	Limits (dBm/MHz)	Verdict
			Ant 1				
802.11ac(VHT20)	5745	SISO	-3.32	0.26	-3.06	≤30.00	PASS
	5785	SISO	-3.34	0.26	-3.08	≤30.00	PASS
	5805	SISO	-3.44	0.26	-3.18	≤30.00	PASS

4.2 Test Graph





5. Unwanted Emissions in Restricted Frequency Bands

5.1 Test Result

Test Mode	Test Frequency (MHz)	TX Type	ANT No.	Frequency (MHz)	Reading Level (dBm)	Antenna Gain (dBi)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
802.11ac (VHT20)	5745.0	SISO	ANT1	5646.73	-50.79	4.43	45.10	74.00	-28.90	Peak
				5721.49	-36.80	4.43	60.90	74.00	-13.10	Peak
				5732.92	-42.00	4.43	54.10	74.00	-19.90	Peak
				11490.73	-49.82	4.43	46.08	54.00	-7.92	AVG
					-42.51	4.43	52.69	74.00	-21.31	Peak
				15740.63	-50.66	4.43	45.14	54.00	-8.86	AVG
					-40.71	4.43	55.59	74.00	-18.41	Peak
				18320.49	-48.11	4.43	49.59	54.00	-4.41	AVG
					-38.27	4.43	59.53	74.00	-14.47	Peak
				20153.78	-47.42	4.43	51.56	54.00	-2.44	AVG
					-36.61	4.43	61.28	74.00	-12.72	Peak
				22181.59	-44.22	4.43	51.12	54.00	-2.88	AVG
					-34.42	4.43	62.98	74.00	-11.02	Peak
				24243.29	-39.17	4.43	53.28	54.00	-0.72	AVG
					-29.32	4.43	68.28	74.00	-5.72	Peak
	5785.0	SISO	ANT1	7531.59	-58.47	4.43	40.31	54.00	-13.69	AVG
					-46.35	4.43	51.35	74.00	-22.65	Peak
				11571.29	-47.54	4.43	49.96	54.00	-4.04	AVG
					-37.74	4.43	59.06	74.00	-14.94	Peak
				15312.20	-50.70	4.43	46.70	54.00	-7.30	AVG
					-40.80	4.43	56.80	74.00	-17.20	Peak
				18630.41	-48.01	4.43	48.59	54.00	-5.41	AVG
					-37.74	4.43	59.76	74.00	-14.24	Peak
				20542.69	-43.79	4.43	50.11	54.00	-3.89	AVG
					-34.37	4.43	63.73	74.00	-10.27	Peak
				23834.29	-40.52	4.43	50.98	54.00	-3.02	AVG
					-29.76	4.43	66.84	74.00	-7.16	Peak
	5805.0	SISO	ANT1	11617.20	-47.30	4.43	50.10	54.00	-3.90	AVG
					-37.99	4.43	59.61	74.00	-14.39	Peak
				15402.59	-52.27	4.43	46.51	54.00	-7.49	AVG
					-41.94	4.43	55.74	74.00	-18.26	Peak
				17536.39	-48.05	4.43	49.55	54.00	-4.45	AVG
					-38.62	4.43	59.86	74.00	-14.14	Peak
				20489.39	-43.76	4.43	49.84	54.00	-4.16	AVG
					-35.02	4.43	63.56	74.00	-10.44	Peak
				22962.31	-43.84	4.43	49.64	54.00	-4.36	AVG
					-34.20	4.43	64.28	74.00	-9.72	Peak
				24964.20	-39.86	4.43	51.54	54.00	-2.46	AVG
					-29.64	4.43	67.66	74.00	-6.34	Peak
	5745.0	SISO	ANT2	5646.73	-50.79	4.43	45.10	74.00	-28.90	Peak
				5721.49	-36.80	4.43	60.90	74.00	-13.10	Peak
				5732.92	-42.00	4.43	54.10	74.00	-19.90	Peak
				11490.73	-49.82	4.43	46.08	54.00	-7.92	AVG
					-42.51	4.43	52.69	74.00	-21.31	Peak
				15740.63	-50.66	4.43	45.14	54.00	-8.86	AVG
					-40.71	4.43	55.59	74.00	-18.41	Peak
				18320.49	-48.11	4.43	49.59	54.00	-4.41	AVG
					-38.27	4.43	59.53	74.00	-14.47	Peak
				20153.78	-47.42	4.43	51.56	54.00	-2.44	AVG
					-36.61	4.43	61.28	74.00	-12.72	Peak

				22181.59	-44.22	4.43	51.12	54.00	-2.88	AVG
					-34.42	4.43	62.98	74.00	-11.02	Peak
				24243.29	-39.17	4.43	53.28	54.00	-0.72	AVG
					-29.32	4.43	68.28	74.00	-5.72	Peak
	5785.0	SISO	ANT2	7531.59	-58.47	4.43	40.31	54.00	-13.69	AVG
					-46.35	4.43	51.35	74.00	-22.65	Peak
				11571.29	-47.54	4.43	49.96	54.00	-4.04	AVG
					-37.74	4.43	59.06	74.00	-14.94	Peak
				15312.20	-50.70	4.43	46.70	54.00	-7.30	AVG
					-40.80	4.43	56.80	74.00	-17.20	Peak
				18630.41	-48.01	4.43	48.59	54.00	-5.41	AVG
					-37.74	4.43	59.76	74.00	-14.24	Peak
				20542.69	-43.79	4.43	50.11	54.00	-3.89	AVG
					-34.37	4.43	63.73	74.00	-10.27	Peak
				23834.29	-40.52	4.43	50.98	54.00	-3.02	AVG
					-29.76	4.43	66.84	74.00	-7.16	Peak
	5805.0	SISO	ANT2	11617.20	-47.30	4.43	50.10	54.00	-3.90	AVG
					-37.99	4.43	59.61	74.00	-14.39	Peak
				15402.59	-52.27	4.43	46.51	54.00	-7.49	AVG
					-41.94	4.43	55.74	74.00	-18.26	Peak
				17536.39	-48.05	4.43	49.55	54.00	-4.45	AVG
					-38.62	4.43	59.86	74.00	-14.14	Peak
				20489.39	-43.76	4.43	49.84	54.00	-4.16	AVG
					-35.02	4.43	63.56	74.00	-10.44	Peak
				22962.31	-43.84	4.43	49.64	54.00	-4.36	AVG
					-34.20	4.43	64.28	74.00	-9.72	Peak
				24964.20	-39.86	4.43	51.54	54.00	-2.46	AVG
					-29.64	4.43	67.66	74.00	-6.34	Peak

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6. Frequency Stability

6.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1		Limit (MHz)	Verdict
				Voltage (VAC)	Measured Frequency (MHz)		
802.11ac (VHT20)	SISO	5745	20	102	5745.000	5725 to 5850	Pass
				120	5745.000	5725 to 5850	Pass
				138	5745.000	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
			-20	120	5745.000	5725 to 5850	Pass
			-10	120	5745.000	5725 to 5850	Pass
			0	120	5745.000	5725 to 5850	Pass
			10	120	5745.000	5725 to 5850	Pass
			30	120	5745.000	5725 to 5850	Pass
			40	120	5745.000	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5785.000	5725 to 5850	Pass
				120	5785.000	5725 to 5850	Pass
				138	5785.000	5725 to 5850	Pass
			-30	120	5785.000	5725 to 5850	Pass
			-20	120	5785.000	5725 to 5850	Pass
			-10	120	5785.000	5725 to 5850	Pass
			0	120	5785.000	5725 to 5850	Pass
			10	120	5785.000	5725 to 5850	Pass
			30	120	5785.000	5725 to 5850	Pass
			40	120	5785.000	5725 to 5850	Pass
			50	120	5785.000	5725 to 5850	Pass
		5805	20	102	5805.000	5725 to 5850	Pass
				120	5805.000	5725 to 5850	Pass
				138	5805.000	5725 to 5850	Pass
			-30	120	5805.000	5725 to 5850	Pass
			-20	120	5805.000	5725 to 5850	Pass
			-10	120	5805.000	5725 to 5850	Pass
			0	120	5805.000	5725 to 5850	Pass
			10	120	5805.000	5725 to 5850	Pass
			30	120	5805.000	5725 to 5850	Pass
			40	120	5805.000	5725 to 5850	Pass
			50	120	5805.000	5725 to 5850	Pass

-----End-----