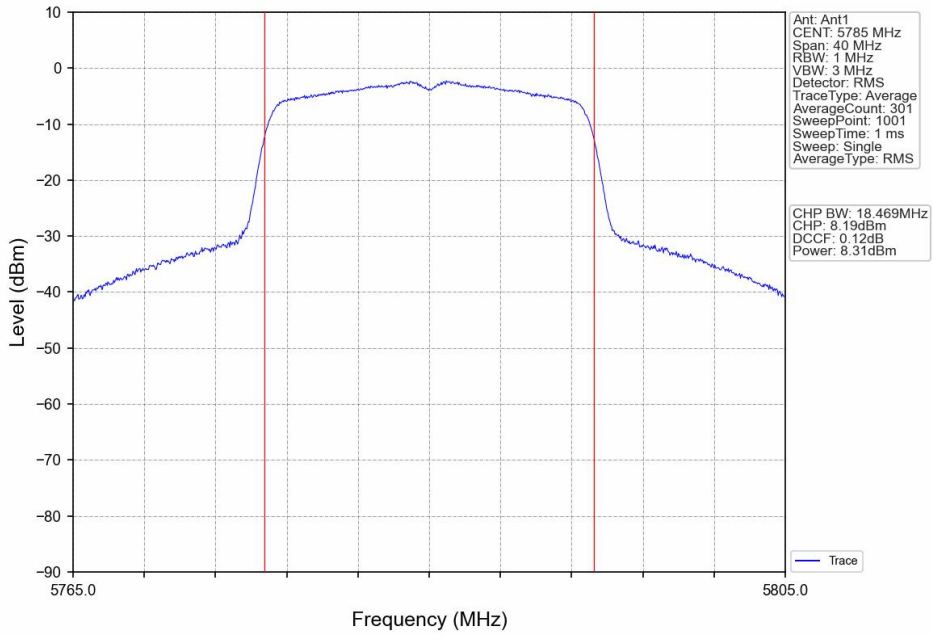
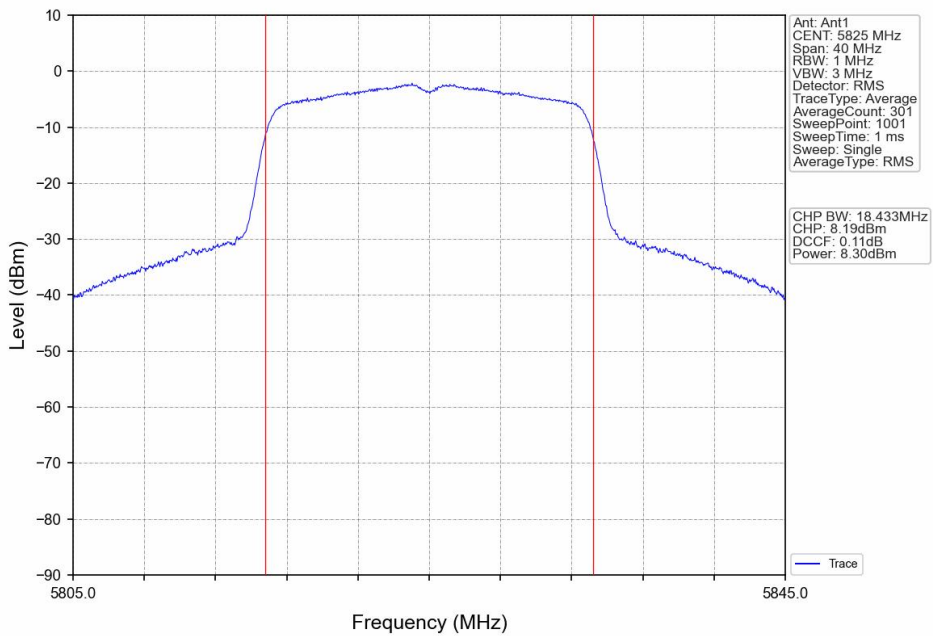
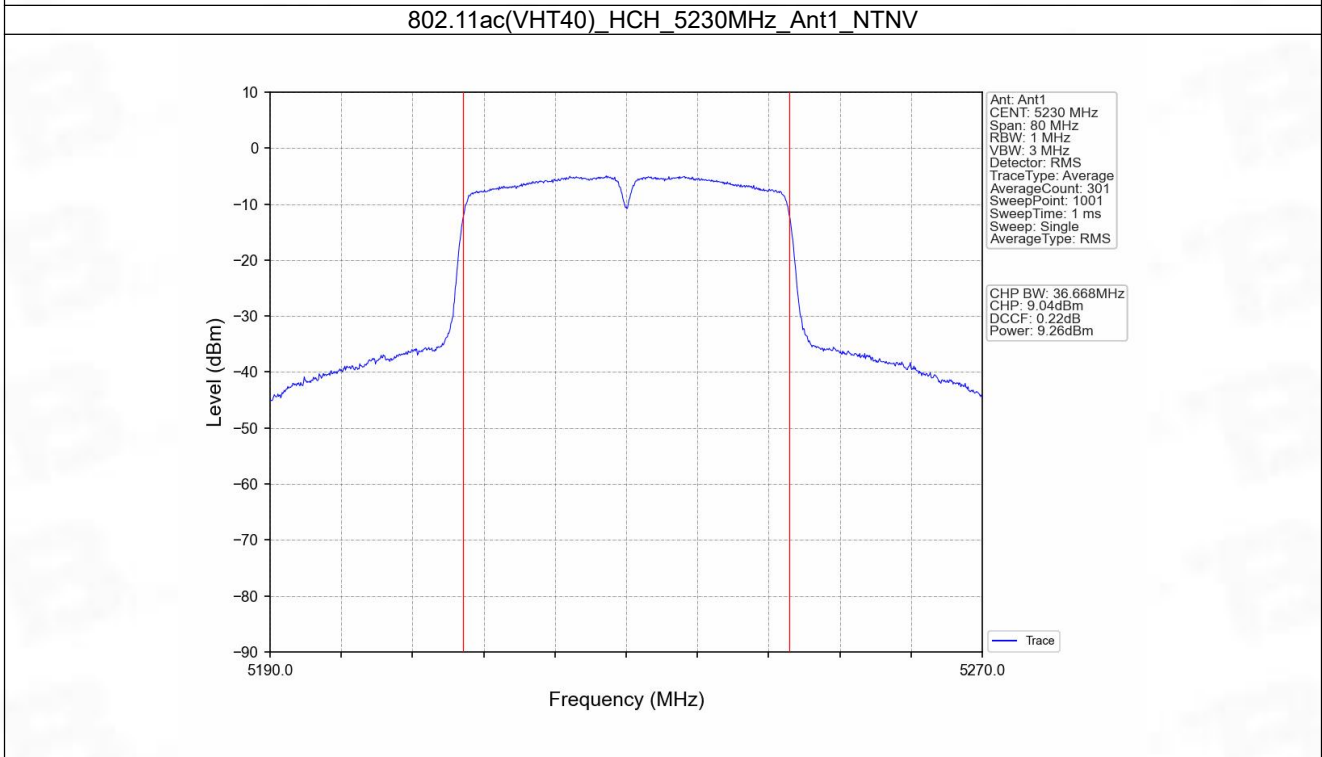
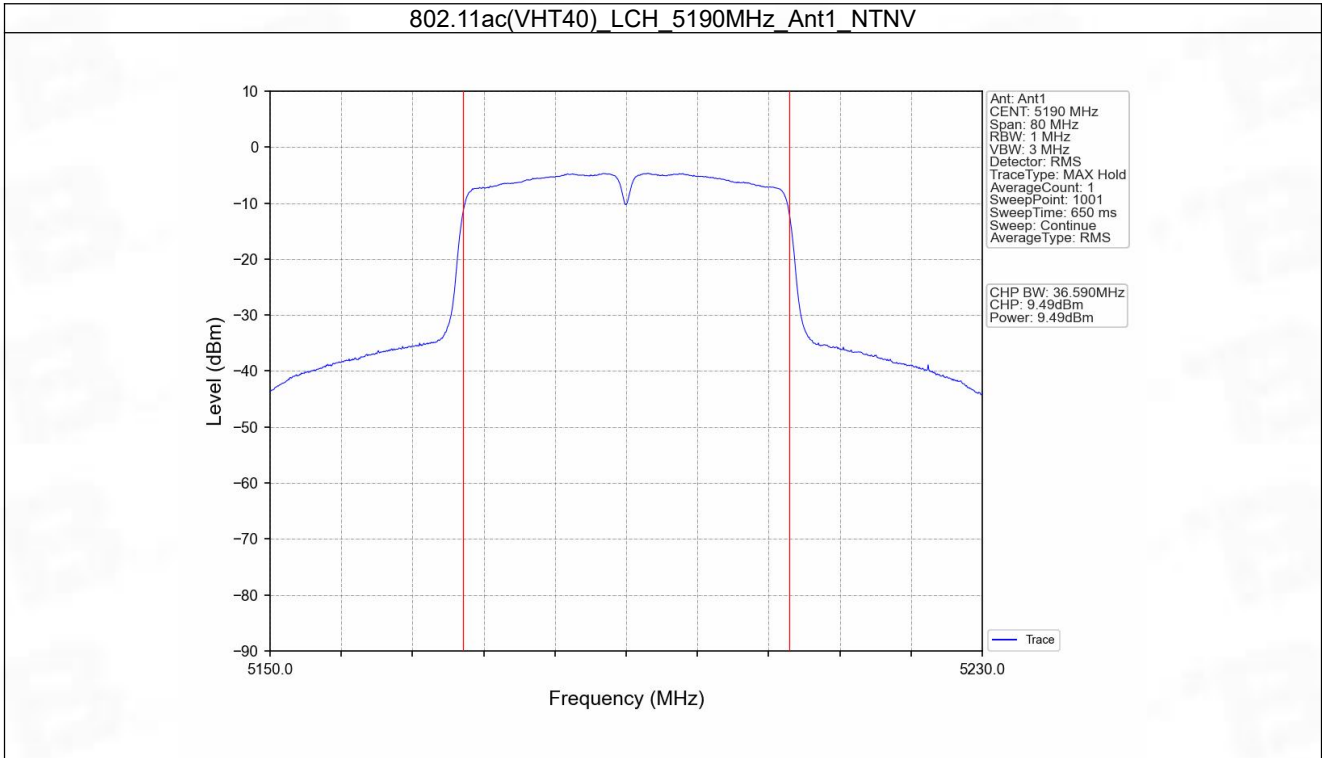


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

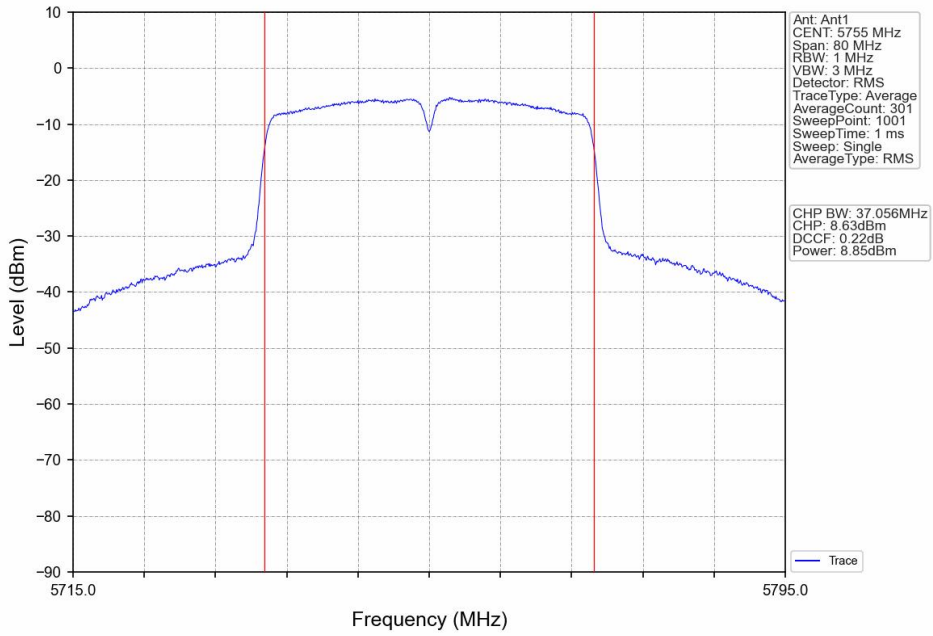


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

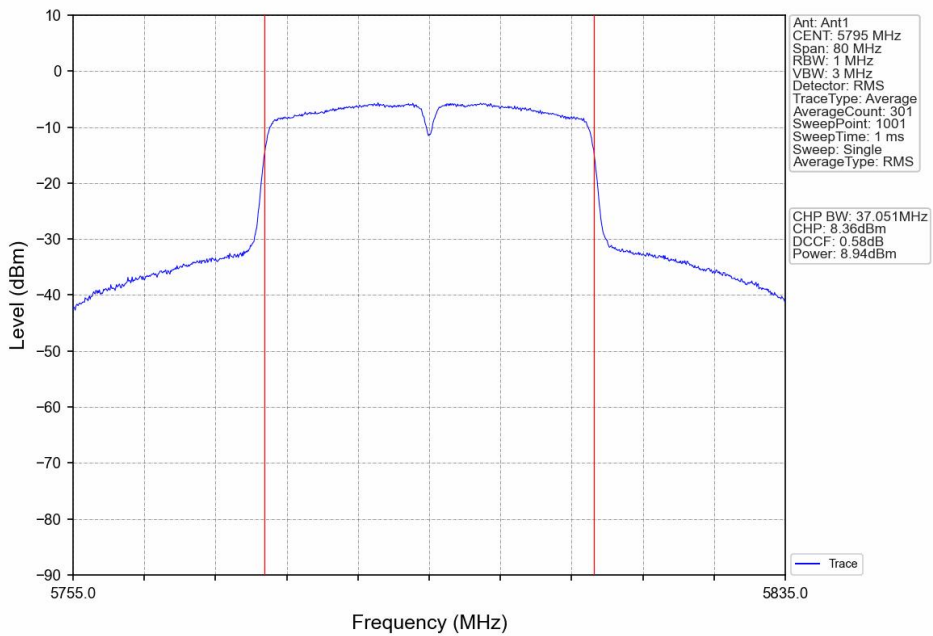




802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



4. Maximum Power Spectral Density

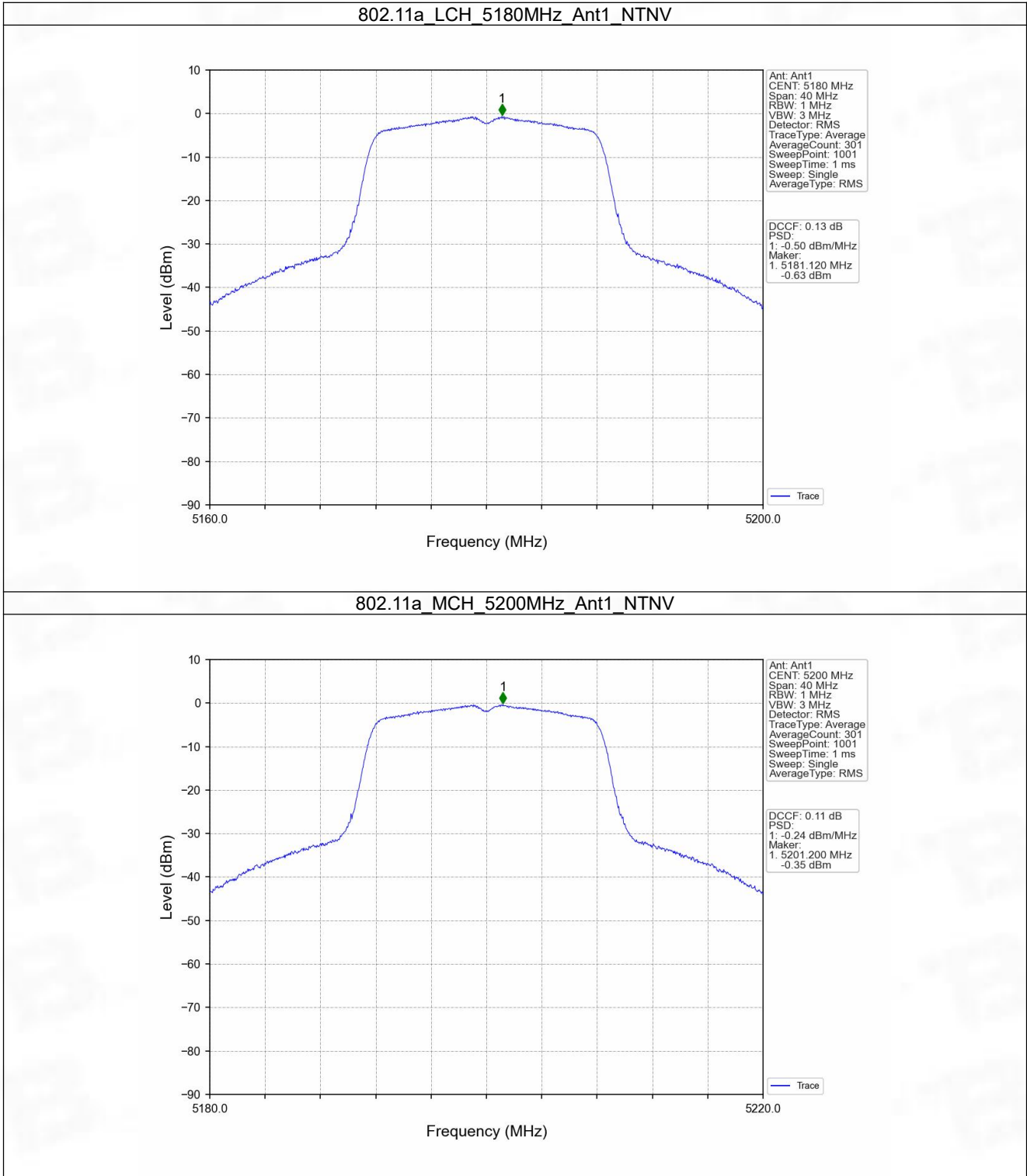
4.1 PSD

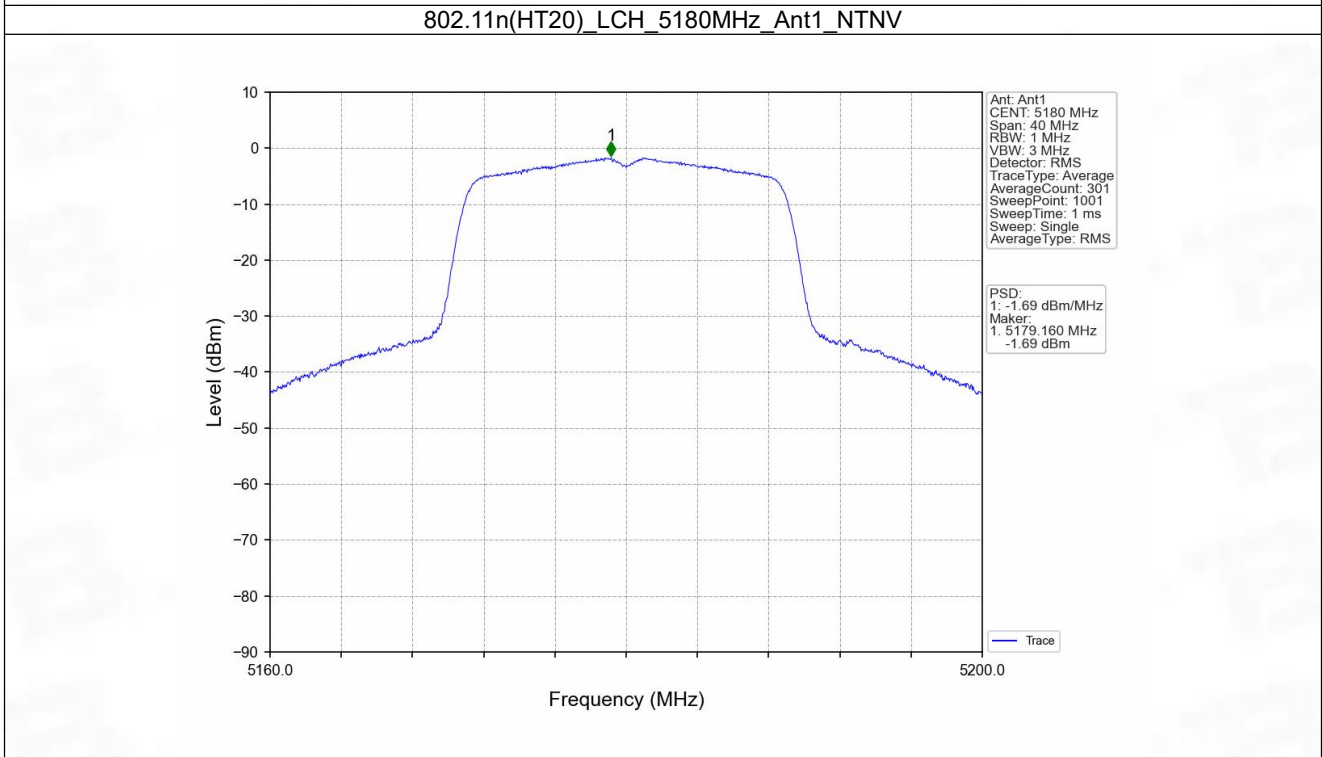
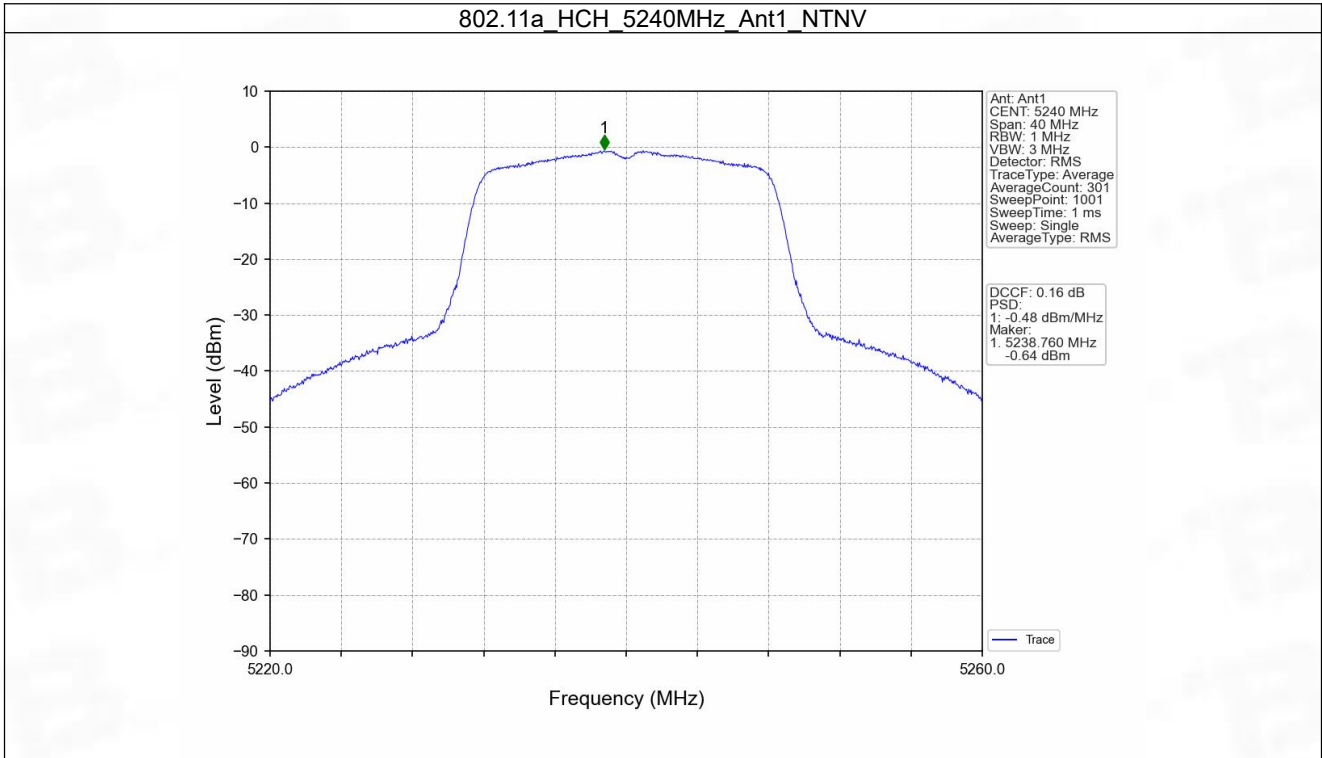
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-0.50	<=11	Pass
		5200	-0.24	<=11	Pass
		5240	-0.48	<=11	Pass
802.11n (HT20)	SISO	5180	-1.69	<=11	Pass
		5200	-0.88	<=11	Pass
		5240	-1.73	<=11	Pass
802.11n (HT40)	SISO	5190	-8.09	<=11	Pass
		5230	-4.59	<=11	Pass
802.11ac (VHT20)	SISO	5180	-1.12	<=11	Pass
		5200	-1.35	<=11	Pass
		5240	-1.04	<=11	Pass
802.11ac (VHT40)	SISO	5190	-8.26	<=11	Pass
		5230	-4.80	<=11	Pass

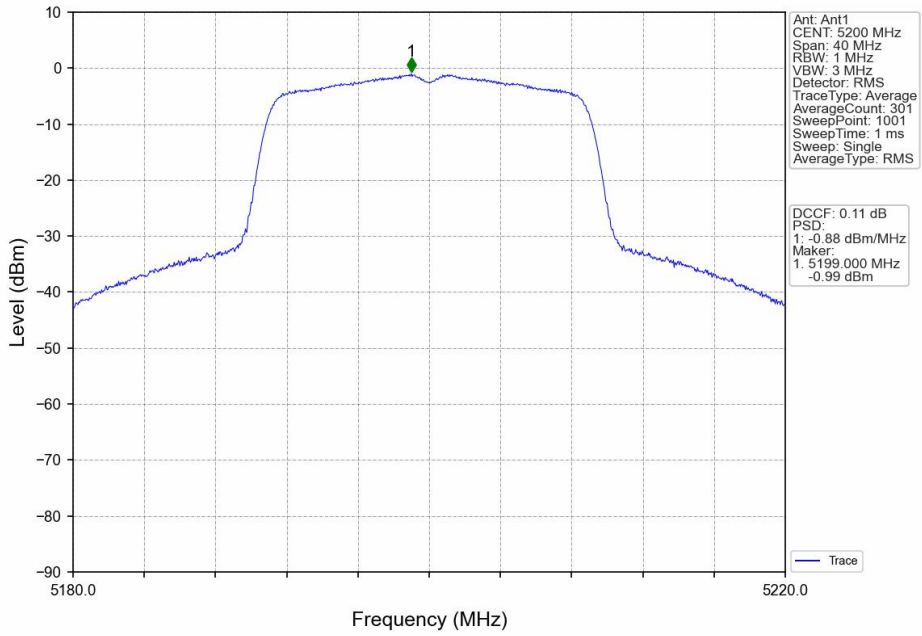
Note1: Antenna Gain: Ant1: 1.12dBi;

4.1.2 Test Graph

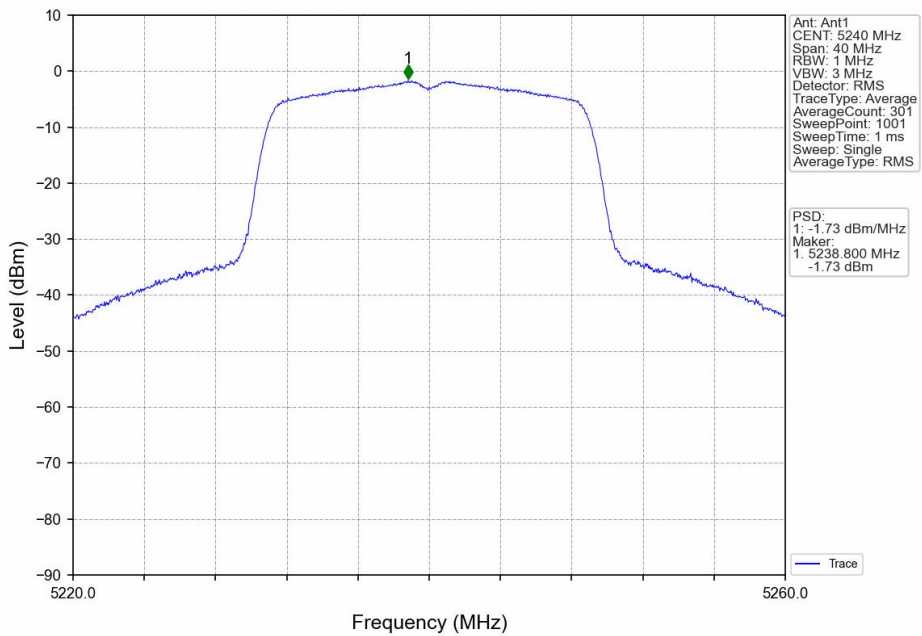




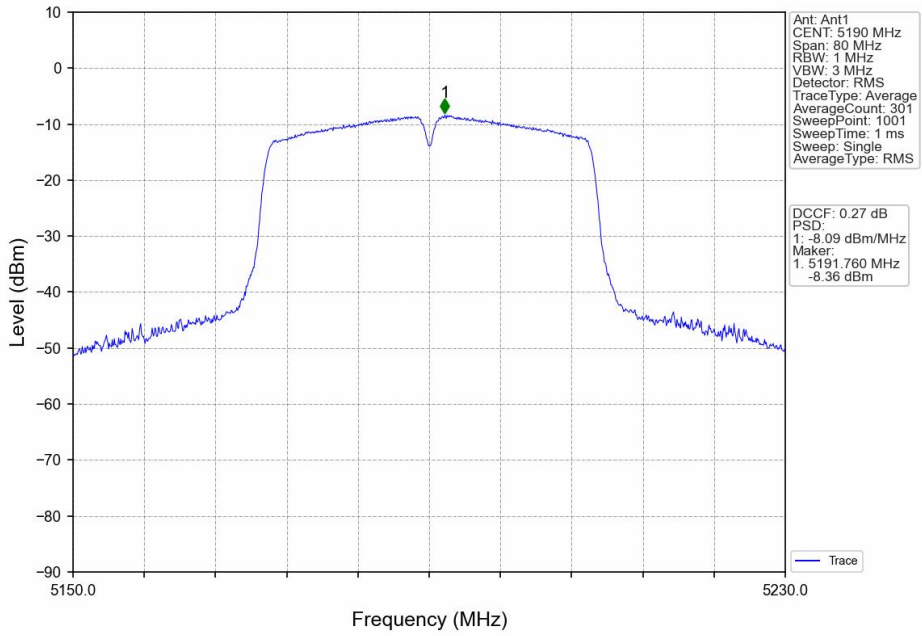
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



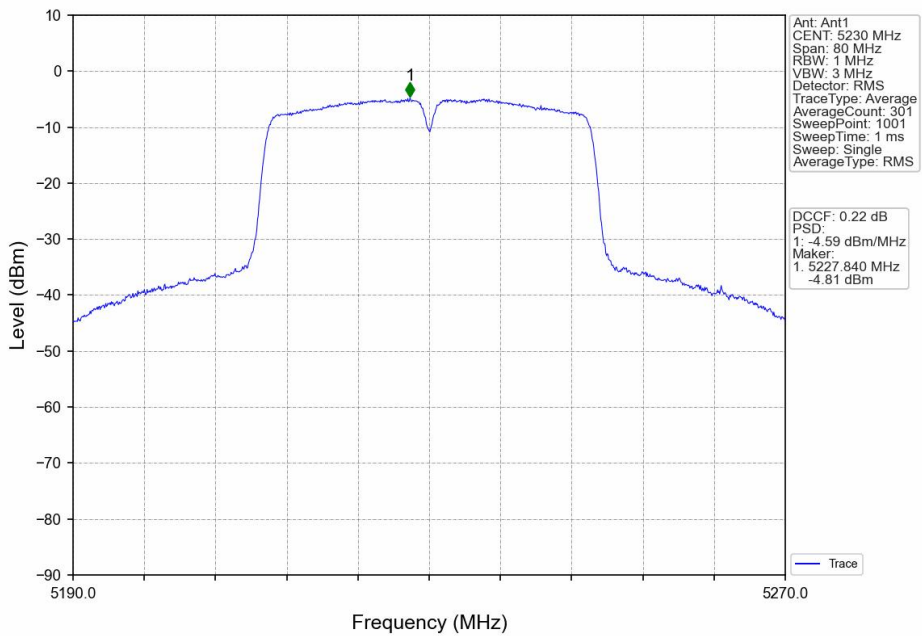
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

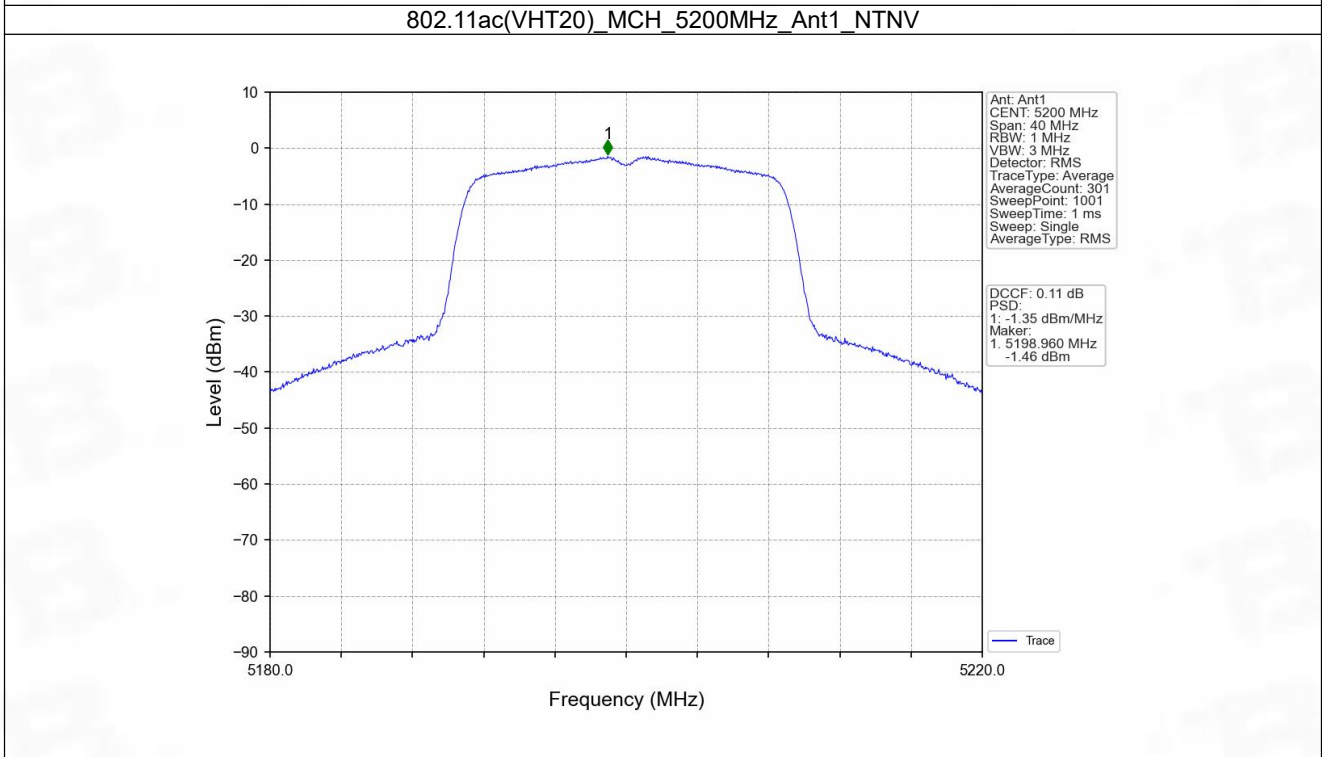
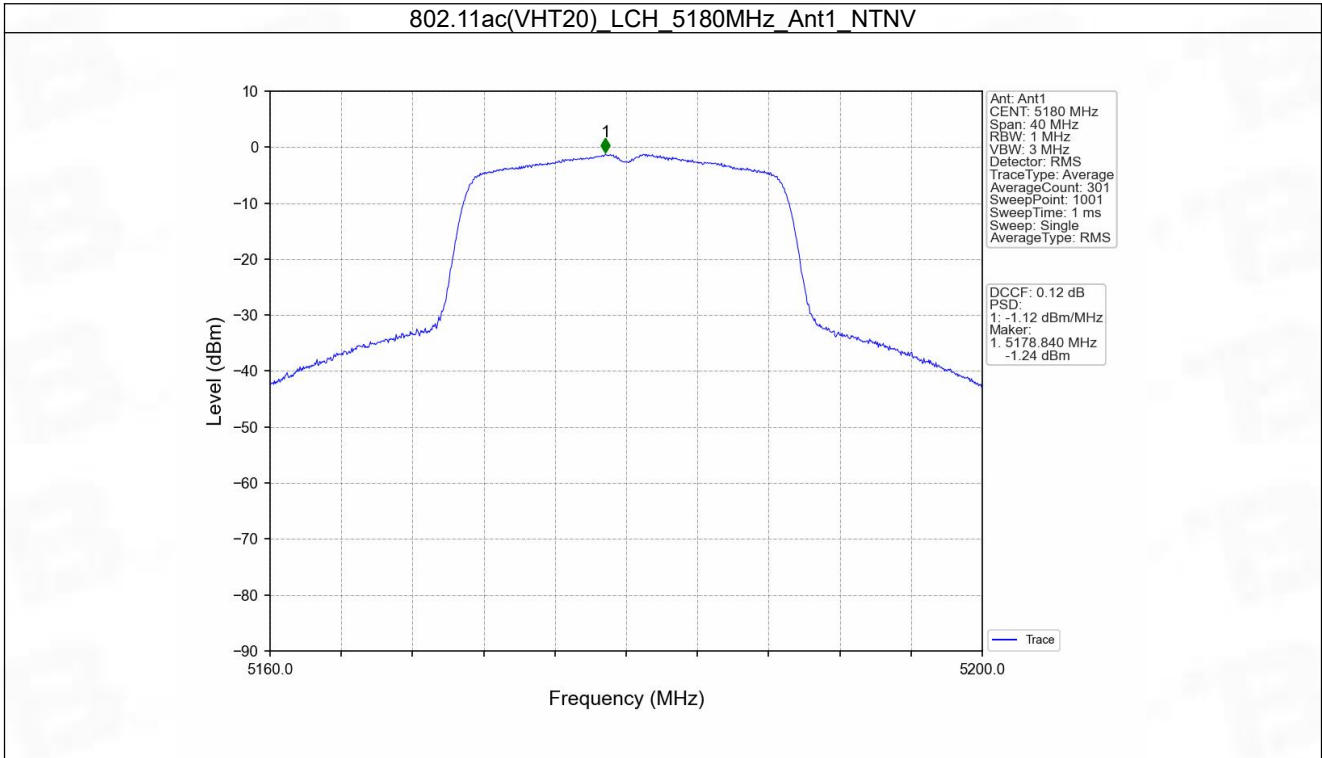


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

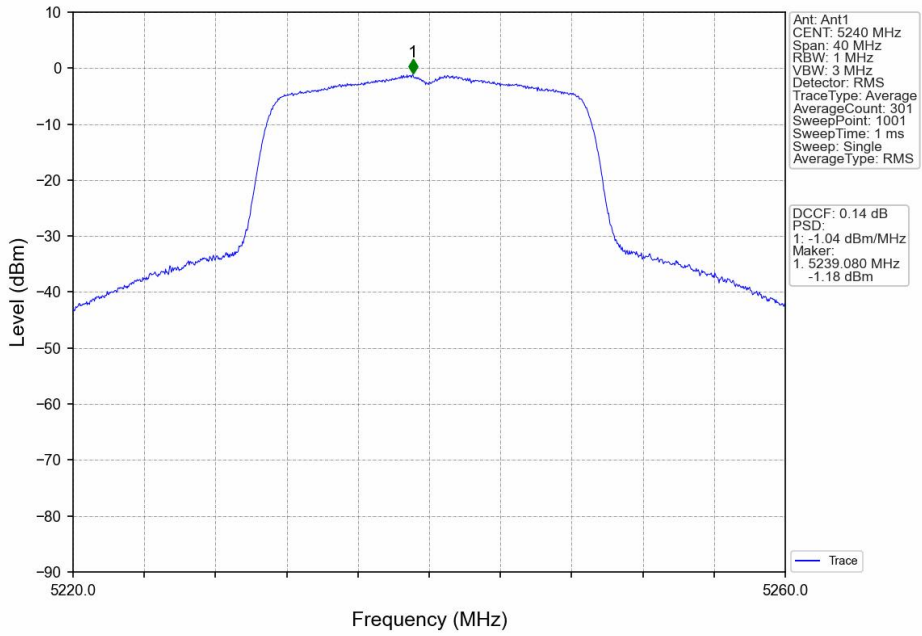


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

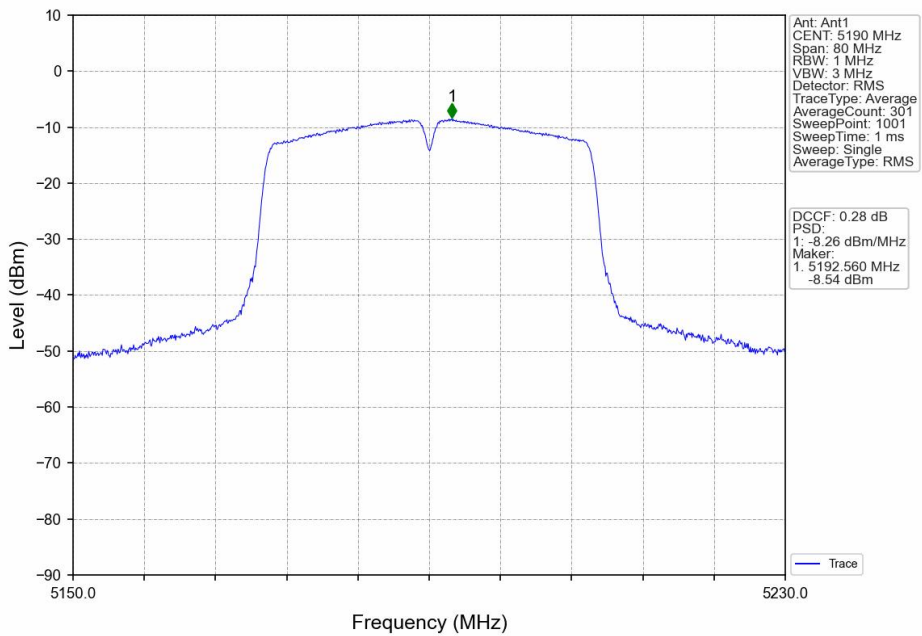


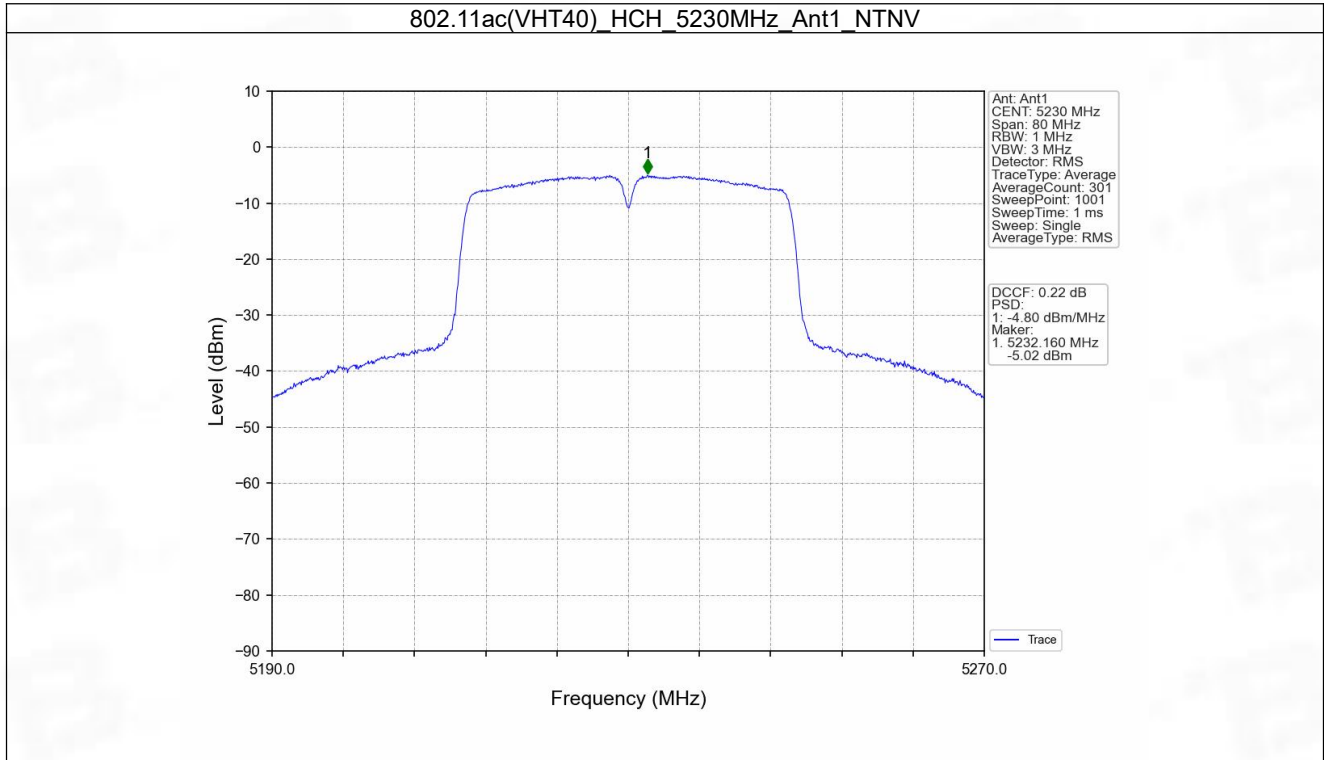


802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV





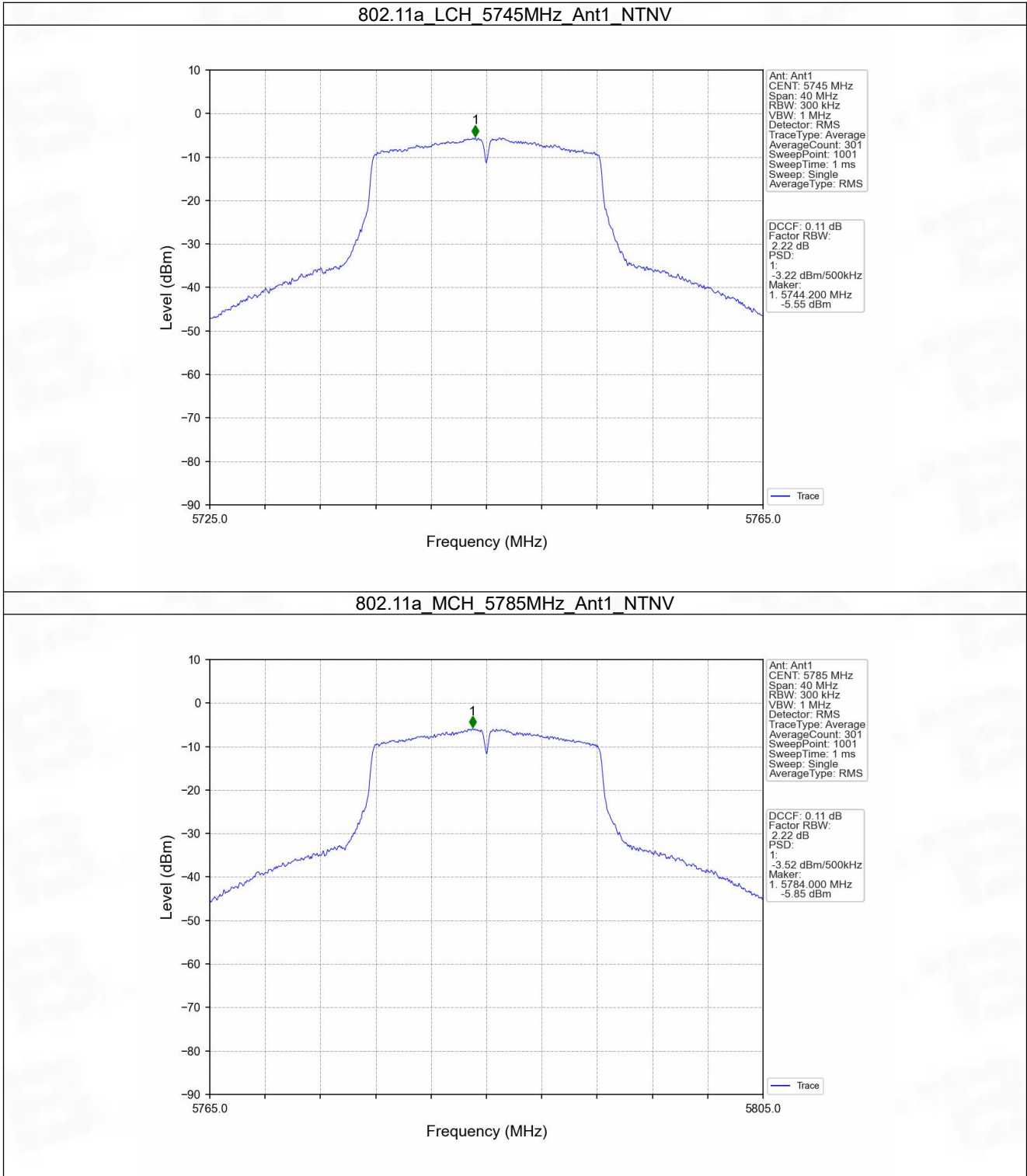
4.2 PSD-Band3

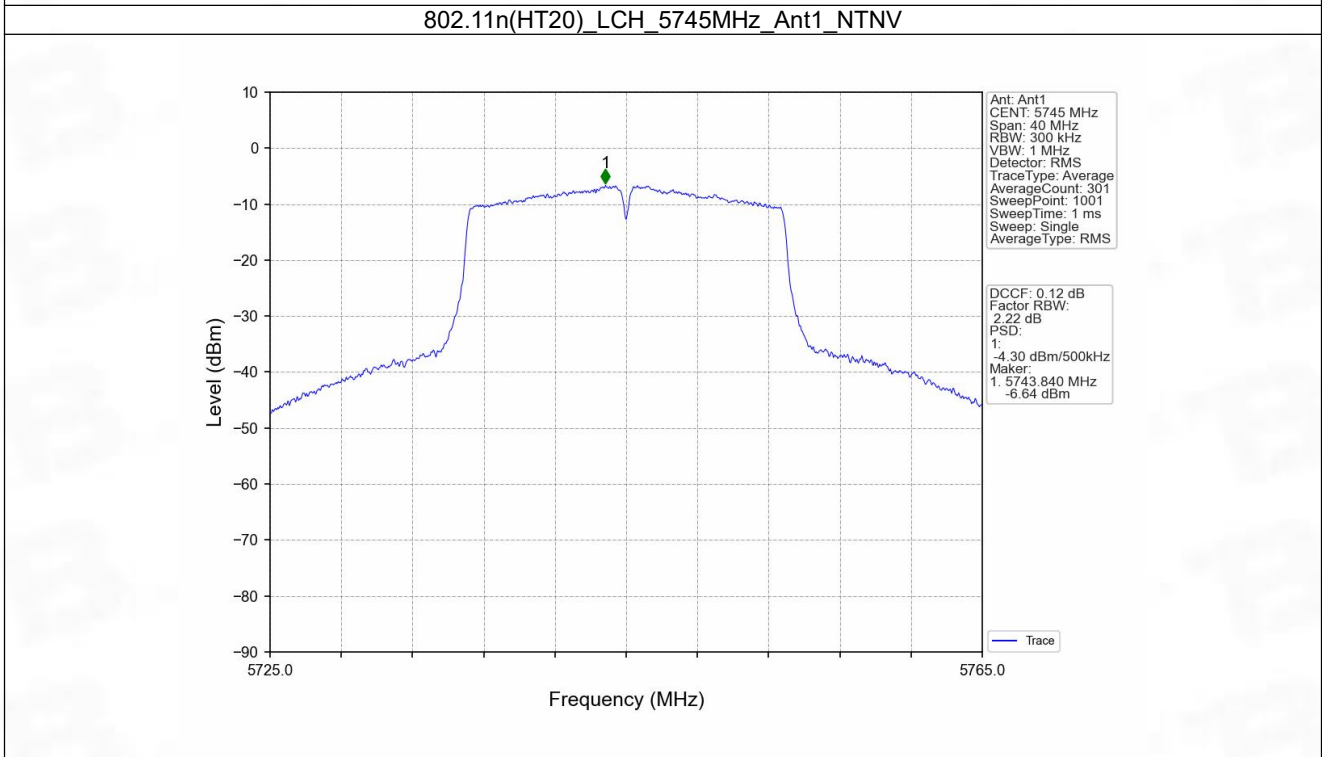
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-3.22	<=30	Pass
		5785	-3.52	<=30	Pass
		5825	-4.18	<=30	Pass
802.11n (HT20)	SISO	5745	-4.30	<=30	Pass
		5785	-5.10	<=30	Pass
		5825	-5.13	<=30	Pass
802.11n (HT40)	SISO	5755	-7.90	<=30	Pass
		5795	-8.42	<=30	Pass
802.11ac (VHT20)	SISO	5745	-3.88	<=30	Pass
		5785	-5.15	<=30	Pass
		5825	-5.17	<=30	Pass
802.11ac (VHT40)	SISO	5755	-8.15	<=30	Pass
		5795	-8.10	<=30	Pass

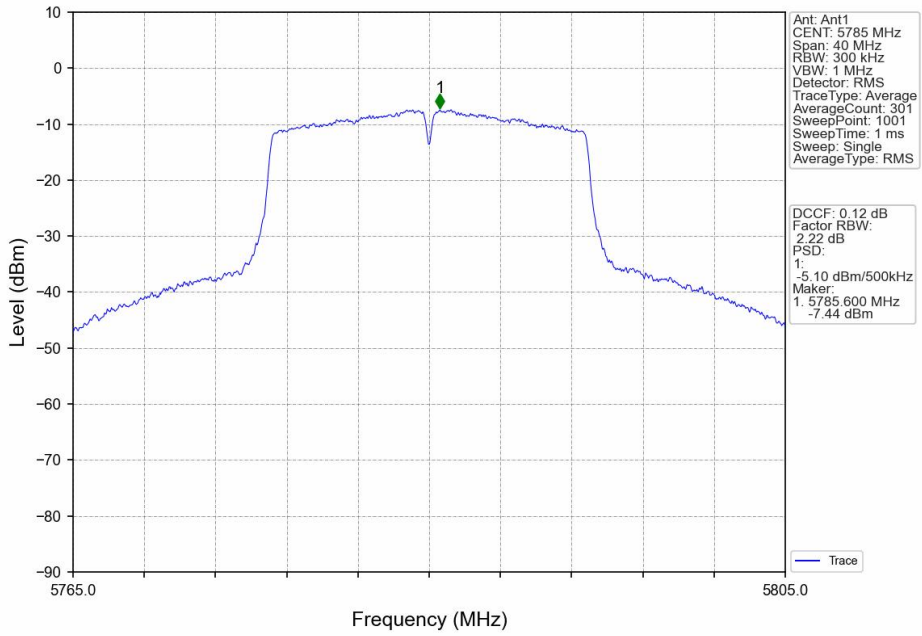
Note1: Antenna Gain: Ant1: 1.12dBi;

4.2.2 Test Graph

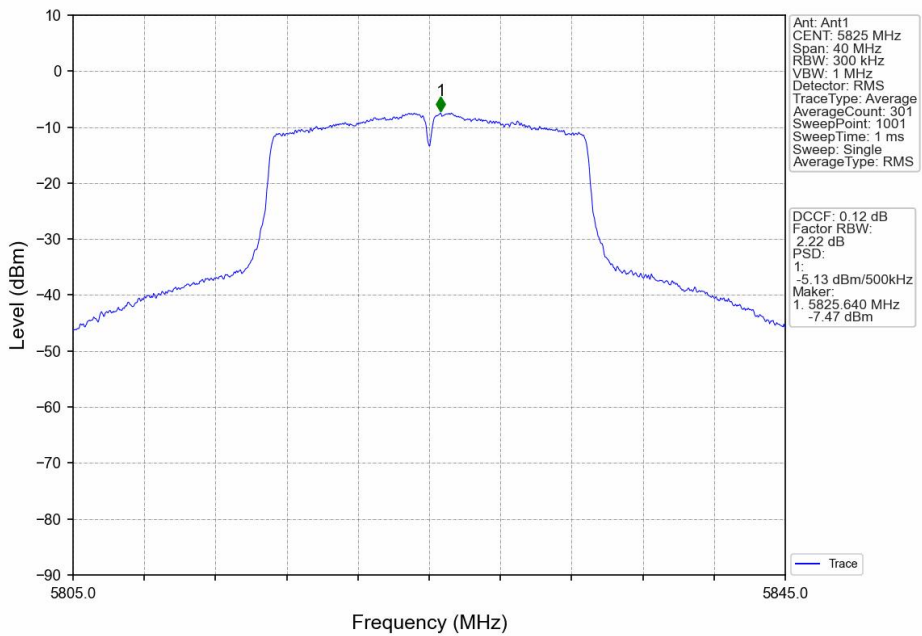




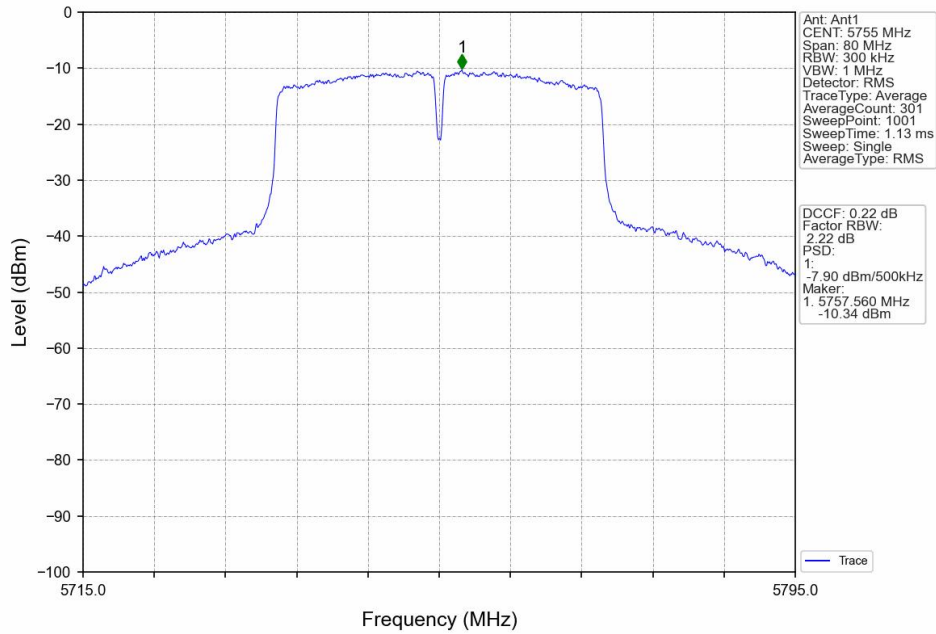
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



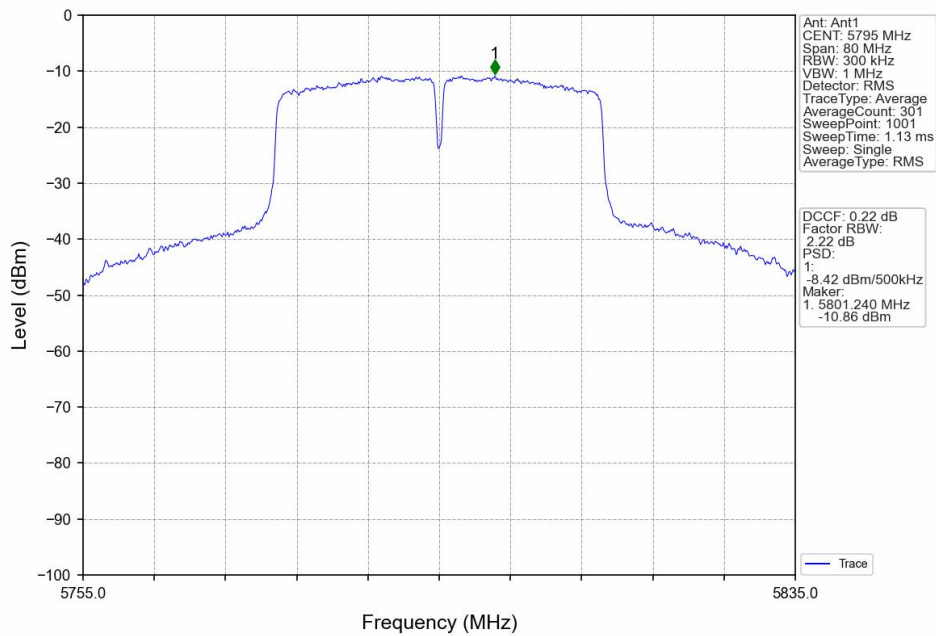
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

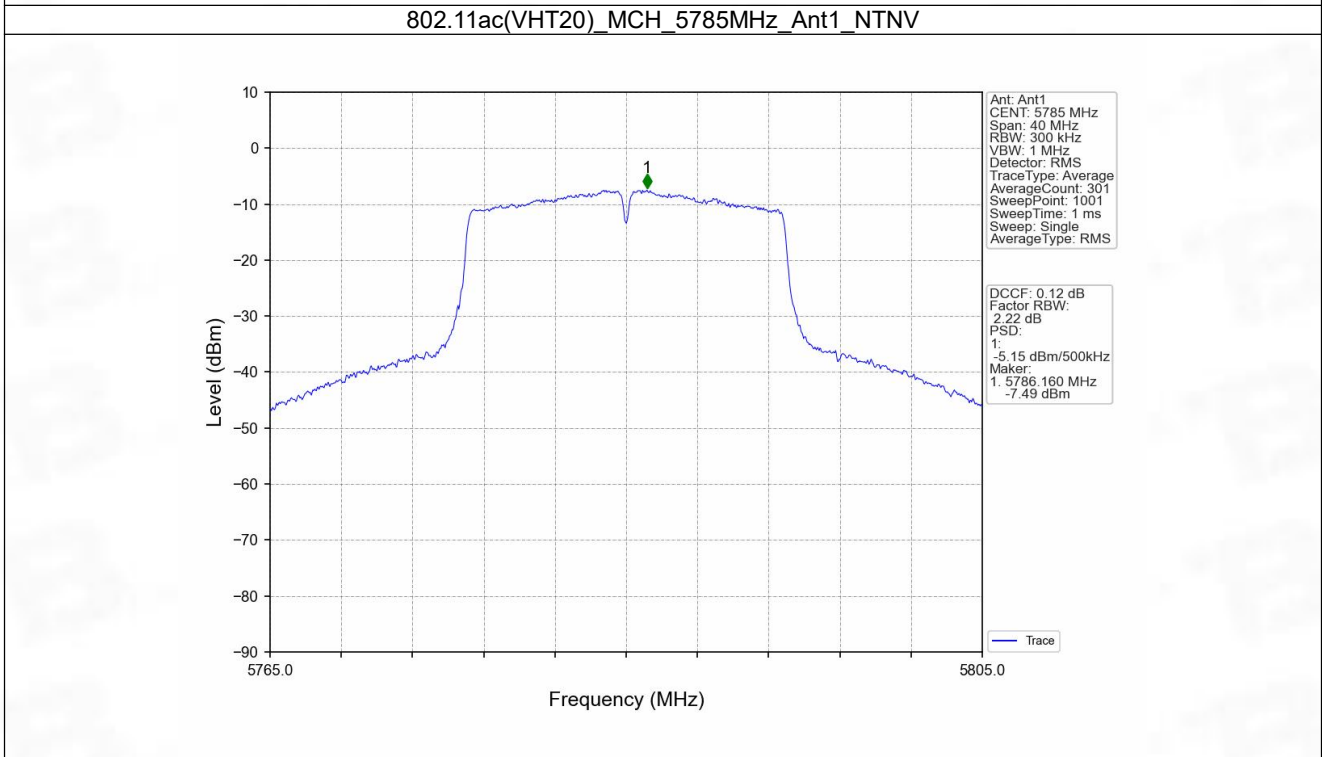
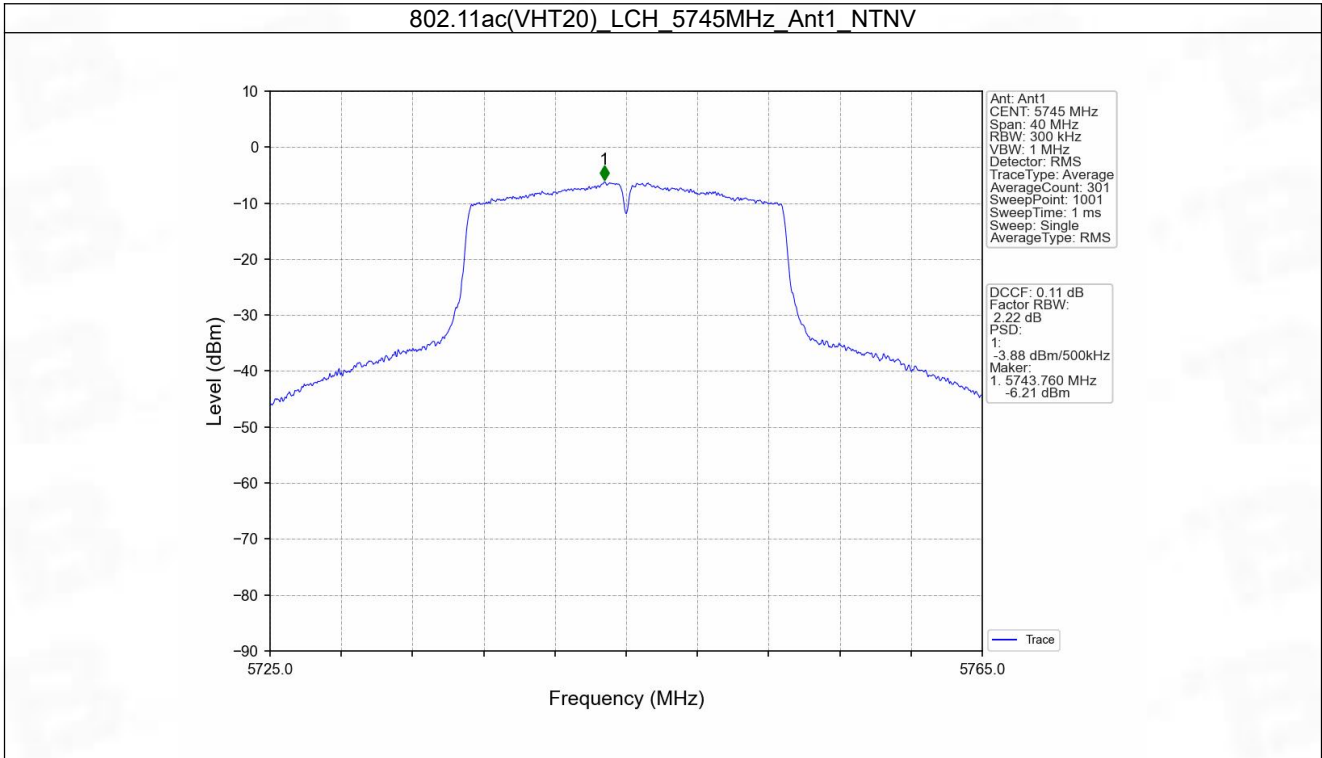


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

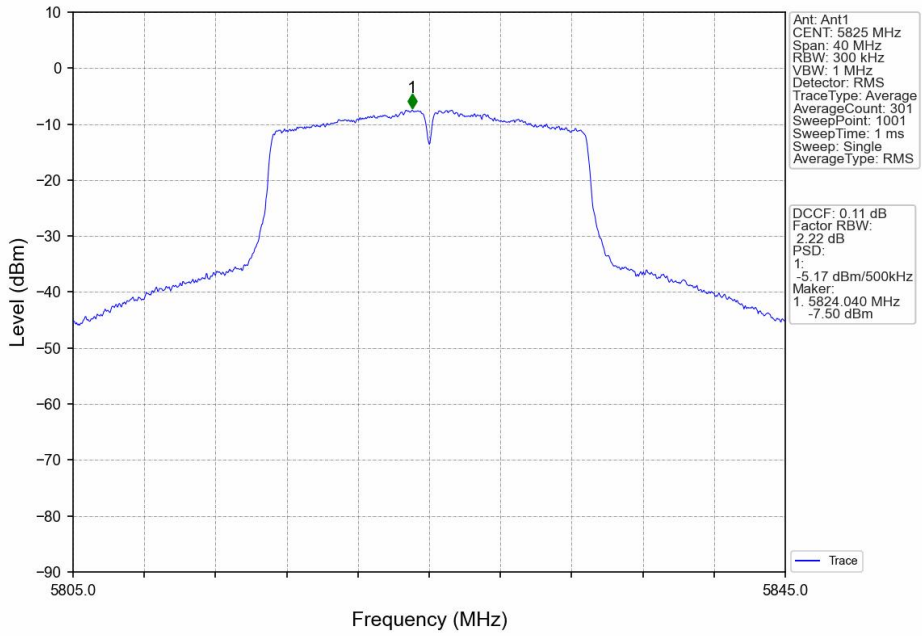


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

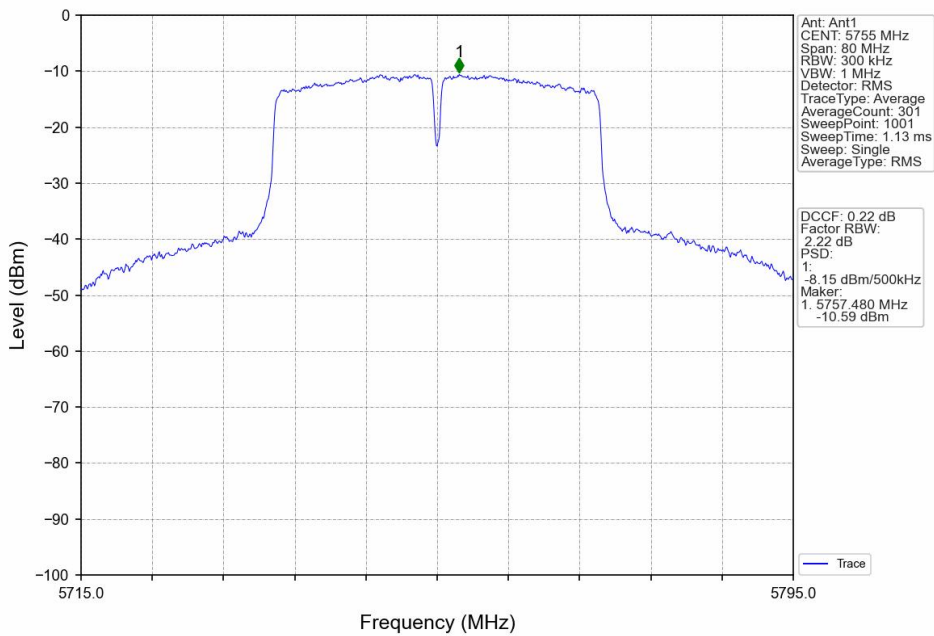


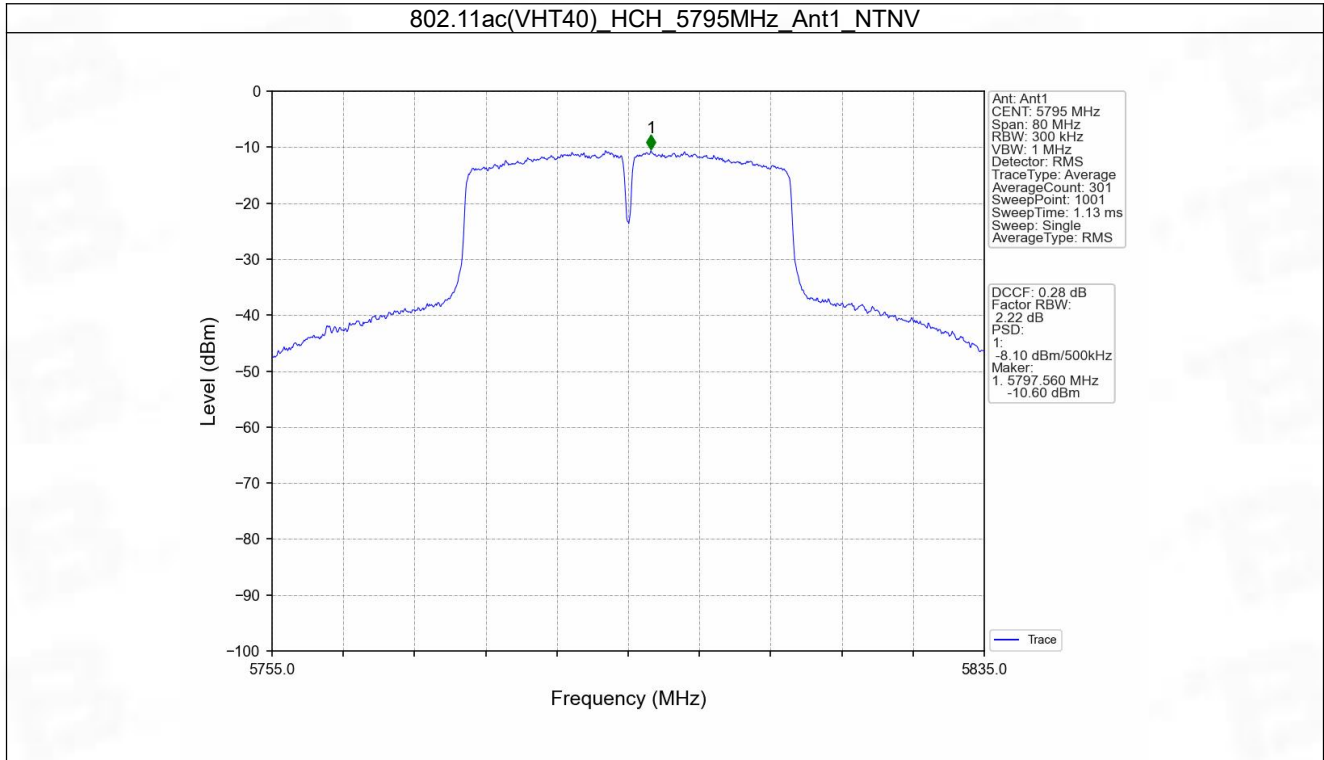


802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV





5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1			Verdict	
				Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)		
802.11a	SISO	5180	20	102	5179.920	5150 to 5250	Pass	
				120	5180.060	5150 to 5250	Pass	
				138	5180.020	5150 to 5250	Pass	
			-30	120	5180.000	5150 to 5250	Pass	
				-20	120	5180.000	5150 to 5250	Pass
					-10	120	5180.040	5150 to 5250
				0		120	5179.940	5150 to 5250
				10	120	5180.040	5150 to 5250	Pass
				30	120	5180.000	5150 to 5250	Pass
		40		120	5180.000	5150 to 5250	Pass	
		50		120	5179.980	5150 to 5250	Pass	
		5200	20	102	5200.060	5150 to 5250	Pass	
				120	5199.960	5150 to 5250	Pass	
				138	5200.040	5150 to 5250	Pass	
			-30	120	5199.940	5150 to 5250	Pass	
				-20	120	5200.000	5150 to 5250	Pass
					-10	120	5200.000	5150 to 5250
				0		120	5199.960	5150 to 5250
				10	120	5199.940	5150 to 5250	Pass
				30	120	5200.040	5150 to 5250	Pass
		40		120	5200.060	5150 to 5250	Pass	
		50		120	5200.040	5150 to 5250	Pass	
		5240	20	102	5240.000	5150 to 5250	Pass	
				120	5240.020	5150 to 5250	Pass	
				138	5240.000	5150 to 5250	Pass	
			-30	120	5239.980	5150 to 5250	Pass	
				-20	120	5239.920	5150 to 5250	Pass
					-10	120	5240.000	5150 to 5250
				0		120	5240.040	5150 to 5250
				10	120	5239.980	5150 to 5250	Pass
				30	120	5239.960	5150 to 5250	Pass
		40		120	5240.060	5150 to 5250	Pass	
		50		120	5239.960	5150 to 5250	Pass	
		5745	20	102	5744.920	5725 to 5850	Pass	
				120	5744.960	5725 to 5850	Pass	
				138	5744.960	5725 to 5850	Pass	
			-30	120	5745.060	5725 to 5850	Pass	
				-20	120	5745.000	5725 to 5850	Pass
					-10	120	5744.980	5725 to 5850
				0		120	5745.000	5725 to 5850
				10	120	5744.960	5725 to 5850	Pass
				30	120	5744.980	5725 to 5850	Pass
		40		120	5744.980	5725 to 5850	Pass	
		50		120	5745.000	5725 to 5850	Pass	
		5785	20	102	5785.060	5725 to 5850	Pass	

				120	5784.960	5725 to 5850	Pass			
				138	5785.000	5725 to 5850	Pass			
			-30	120	5785.060	5725 to 5850	Pass			
			-20	120	5784.920	5725 to 5850	Pass			
			-10	120	5785.000	5725 to 5850	Pass			
			0	120	5784.960	5725 to 5850	Pass			
			10	120	5784.940	5725 to 5850	Pass			
			30	120	5784.960	5725 to 5850	Pass			
			40	120	5785.040	5725 to 5850	Pass			
			50	120	5784.960	5725 to 5850	Pass			
			5825	20	102	5825.040	5725 to 5850	Pass		
					120	5824.940	5725 to 5850	Pass		
					138	5825.020	5725 to 5850	Pass		
				-30	120	5824.980	5725 to 5850	Pass		
				-20	120	5824.980	5725 to 5850	Pass		
		-10		120	5825.000	5725 to 5850	Pass			
		0		120	5825.000	5725 to 5850	Pass			
		10		120	5825.000	5725 to 5850	Pass			
		30		120	5825.080	5725 to 5850	Pass			
		40		120	5825.040	5725 to 5850	Pass			
		50		120	5824.940	5725 to 5850	Pass			
		802.11n (HT20)		SISO	5180	20	102	5179.980	5150 to 5250	Pass
							120	5180.000	5150 to 5250	Pass
							138	5179.960	5150 to 5250	Pass
			-30			120	5180.020	5150 to 5250	Pass	
			-20			120	5180.000	5150 to 5250	Pass	
			-10			120	5179.980	5150 to 5250	Pass	
			0			120	5180.020	5150 to 5250	Pass	
			10			120	5179.960	5150 to 5250	Pass	
			30			120	5180.020	5150 to 5250	Pass	
			40			120	5180.020	5150 to 5250	Pass	
			50			120	5180.060	5150 to 5250	Pass	
			5200			20	102	5199.980	5150 to 5250	Pass
							120	5200.080	5150 to 5250	Pass
							138	5200.000	5150 to 5250	Pass
						-30	120	5199.960	5150 to 5250	Pass
					-20	120	5200.000	5150 to 5250	Pass	
					-10	120	5200.000	5150 to 5250	Pass	
					0	120	5199.960	5150 to 5250	Pass	
10	120				5199.960	5150 to 5250	Pass			
30	120				5199.960	5150 to 5250	Pass			
40	120				5200.060	5150 to 5250	Pass			
50	120				5199.920	5150 to 5250	Pass			
5240	20				102	5239.960	5150 to 5250	Pass		
					120	5240.080	5150 to 5250	Pass		
					138	5240.060	5150 to 5250	Pass		
	-30		120		5240.080	5150 to 5250	Pass			
	-20		120		5240.000	5150 to 5250	Pass			
	-10		120		5240.080	5150 to 5250	Pass			
	0		120		5240.000	5150 to 5250	Pass			
	10		120		5239.960	5150 to 5250	Pass			
	30		120		5240.020	5150 to 5250	Pass			
	40		120		5239.960	5150 to 5250	Pass			
	50		120		5240.100	5150 to 5250	Pass			
	5745		20		102	5744.980	5725 to 5850	Pass		
					120	5744.920	5725 to 5850	Pass		
					138	5745.000	5725 to 5850	Pass		
-30			120		5744.980	5725 to 5850	Pass			

			-20	120	5744.980	5725 to 5850	Pass		
			-10	120	5745.020	5725 to 5850	Pass		
			0	120	5745.000	5725 to 5850	Pass		
			10	120	5745.060	5725 to 5850	Pass		
			30	120	5744.980	5725 to 5850	Pass		
			40	120	5744.920	5725 to 5850	Pass		
			50	120	5744.960	5725 to 5850	Pass		
		5785	20	102	5784.960	5725 to 5850	Pass		
				120	5784.960	5725 to 5850	Pass		
				138	5785.020	5725 to 5850	Pass		
			-30	120	5785.040	5725 to 5850	Pass		
			-20	120	5784.960	5725 to 5850	Pass		
			-10	120	5785.000	5725 to 5850	Pass		
			0	120	5785.020	5725 to 5850	Pass		
			10	120	5784.980	5725 to 5850	Pass		
			30	120	5785.000	5725 to 5850	Pass		
			40	120	5785.020	5725 to 5850	Pass		
			50	120	5785.020	5725 to 5850	Pass		
			5825	20	102	5824.980	5725 to 5850	Pass	
					120	5824.960	5725 to 5850	Pass	
		138			5825.020	5725 to 5850	Pass		
		-30		120	5825.000	5725 to 5850	Pass		
		-20		120	5824.940	5725 to 5850	Pass		
		-10		120	5825.000	5725 to 5850	Pass		
		0		120	5824.980	5725 to 5850	Pass		
		10		120	5825.060	5725 to 5850	Pass		
		30		120	5825.000	5725 to 5850	Pass		
		40		120	5824.980	5725 to 5850	Pass		
		50		120	5825.040	5725 to 5850	Pass		
		802.11n (HT40)		SISO	5190	20	102	5190.000	5150 to 5250
			120				5190.000	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		5190.000			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			5230.000	5150 to 5250	Pass	
			120		5230.000	5150 to 5250	Pass		
			138		5230.040	5150 to 5250	Pass		
	-30		120		5230.000	5150 to 5250	Pass		
	-20		120		5230.000	5150 to 5250	Pass		
	-10		120		5230.000	5150 to 5250	Pass		
	0		120		5230.040	5150 to 5250	Pass		
	10		120		5230.040	5150 to 5250	Pass		
	30		120		5230.000	5150 to 5250	Pass		
	40		120		5230.040	5150 to 5250	Pass		
	50		120		5230.040	5150 to 5250	Pass		
	5755		20		102	5754.960	5725 to 5850	Pass	
120					5755.000	5725 to 5850	Pass		
138					5755.080	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	5754.960	5725 to 5850	Pass					

			10	120	5754.960	5725 to 5850	Pass
			30	120	5755.000	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.000	5725 to 5850	Pass
		5795	20	102	5794.960	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				138	5795.040	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
			40	120	5795.000	5725 to 5850	Pass
			50	120	5795.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5179.960	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5179.980	5150 to 5250	Pass
			-30	120	5180.060	5150 to 5250	Pass
			-20	120	5180.000	5150 to 5250	Pass
			-10	120	5179.960	5150 to 5250	Pass
			0	120	5180.000	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5180.060	5150 to 5250	Pass
			40	120	5180.020	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass
			5200	20	102	5199.960	5150 to 5250
		120			5200.000	5150 to 5250	Pass
		138			5200.000	5150 to 5250	Pass
		-30		120	5199.980	5150 to 5250	Pass
		-20		120	5199.940	5150 to 5250	Pass
		-10		120	5200.060	5150 to 5250	Pass
		0		120	5199.980	5150 to 5250	Pass
		10		120	5200.040	5150 to 5250	Pass
		30		120	5199.940	5150 to 5250	Pass
		40		120	5200.040	5150 to 5250	Pass
		50		120	5200.020	5150 to 5250	Pass
		5240		20	102	5240.000	5150 to 5250
			120		5239.980	5150 to 5250	Pass
			138		5240.000	5150 to 5250	Pass
			-30	120	5240.020	5150 to 5250	Pass
			-20	120	5240.060	5150 to 5250	Pass
			-10	120	5239.980	5150 to 5250	Pass
			0	120	5239.960	5150 to 5250	Pass
			10	120	5240.000	5150 to 5250	Pass
			30	120	5240.020	5150 to 5250	Pass
			40	120	5240.000	5150 to 5250	Pass
			50	120	5239.980	5150 to 5250	Pass
			5745	20	102	5745.000	5725 to 5850
		120			5745.000	5725 to 5850	Pass
		138			5744.940	5725 to 5850	Pass
		-30		120	5745.020	5725 to 5850	Pass
		-20		120	5745.040	5725 to 5850	Pass
		-10		120	5745.020	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	5744.980	5725 to 5850	Pass

		5785	50	120	5744.940	5725 to 5850	Pass
			20	102	5785.000	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5785.000	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5784.960	5725 to 5850	Pass
			-10	120	5785.040	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	5784.980	5725 to 5850	Pass	
		50	120	5784.960	5725 to 5850	Pass	
		5825	20	102	5824.940	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5825.000	5725 to 5850	Pass
			-30	120	5824.940	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			0	120	5824.920	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
30	120		5824.900	5725 to 5850	Pass		
40	120		5825.000	5725 to 5850	Pass		
50	120	5825.000	5725 to 5850	Pass			
802.11ac (VHT40)	SISO	5190	20	102	5189.960	5150 to 5250	Pass
				120	5190.000	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	5190.040	5150 to 5250	Pass
			0	120	5190.080	5150 to 5250	Pass
			10	120	5190.000	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	5229.960	5150 to 5250	Pass
				120	5230.080	5150 to 5250	Pass
				138	5230.040	5150 to 5250	Pass
			-30	120	5230.000	5150 to 5250	Pass
			-20	120	5230.000	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.040	5150 to 5250	Pass
			30	120	5230.040	5150 to 5250	Pass
			40	120	5230.000	5150 to 5250	Pass
		50	120	5230.040	5150 to 5250	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	5755.000	5725 to 5850	Pass
			-20	120	5754.960	5725 to 5850	Pass
			-10	120	5755.040	5725 to 5850	Pass
			0	120	5754.960	5725 to 5850	Pass
			10	120	5754.960	5725 to 5850	Pass
30	120		5755.000	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	5795.000	5725 to 5850	Pass
		-30	120	5794.960	5725 to 5850	Pass
		-20	120	5794.920	5725 to 5850	Pass
		-10	120	5795.000	5725 to 5850	Pass
		0	120	5794.960	5725 to 5850	Pass
		10	120	5795.000	5725 to 5850	Pass
		30	120	5794.960	5725 to 5850	Pass
		40	120	5795.000	5725 to 5850	Pass
		50	120	5794.960	5725 to 5850	Pass

6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
5180	5240	0.0100	10.00
5745	5825	0.0099	9.97
5190	5230	0.0085	9.27
5755	5795	0.0077	8.85



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-- END OF REPORT --