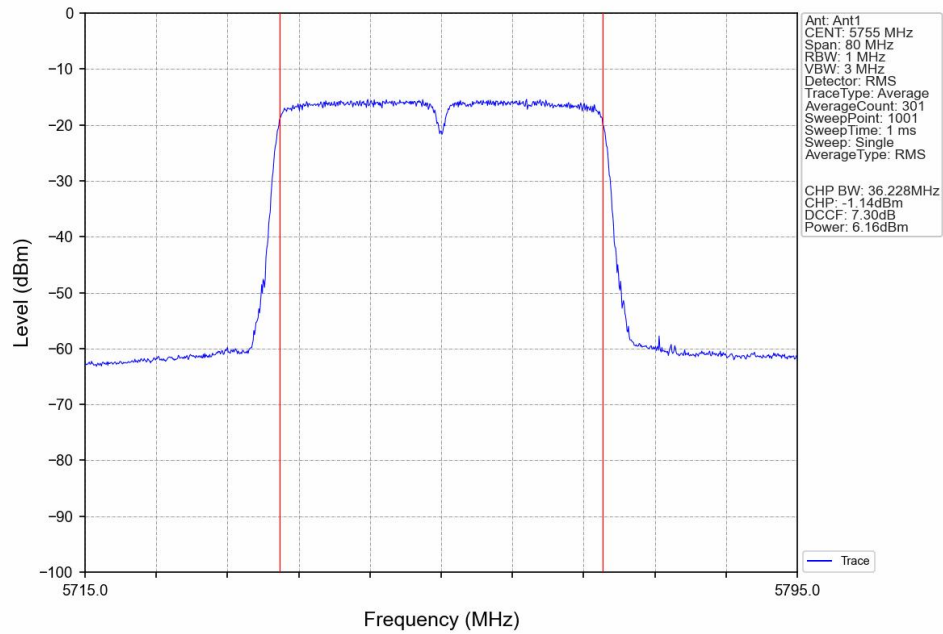
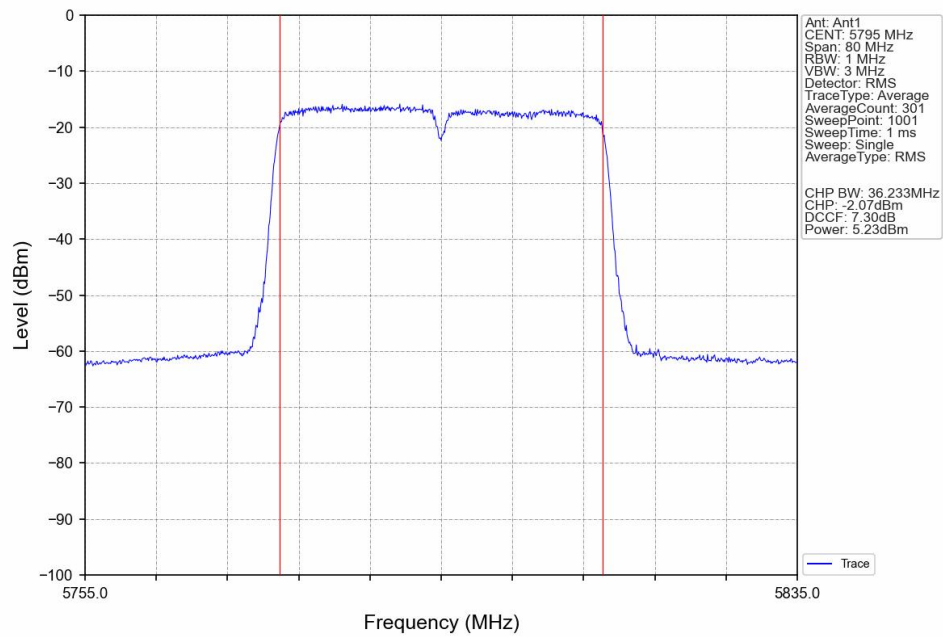




802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

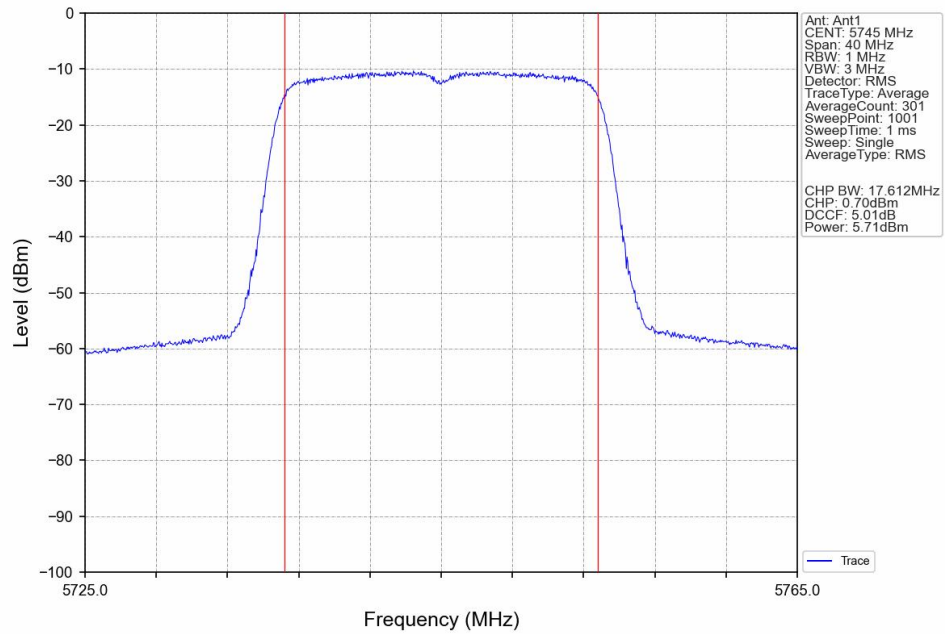


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

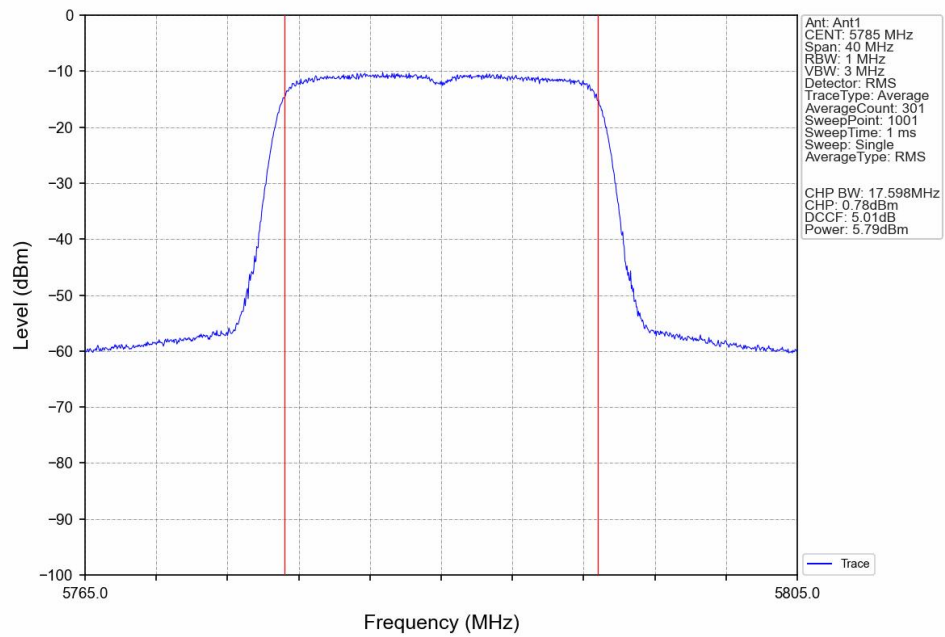




802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

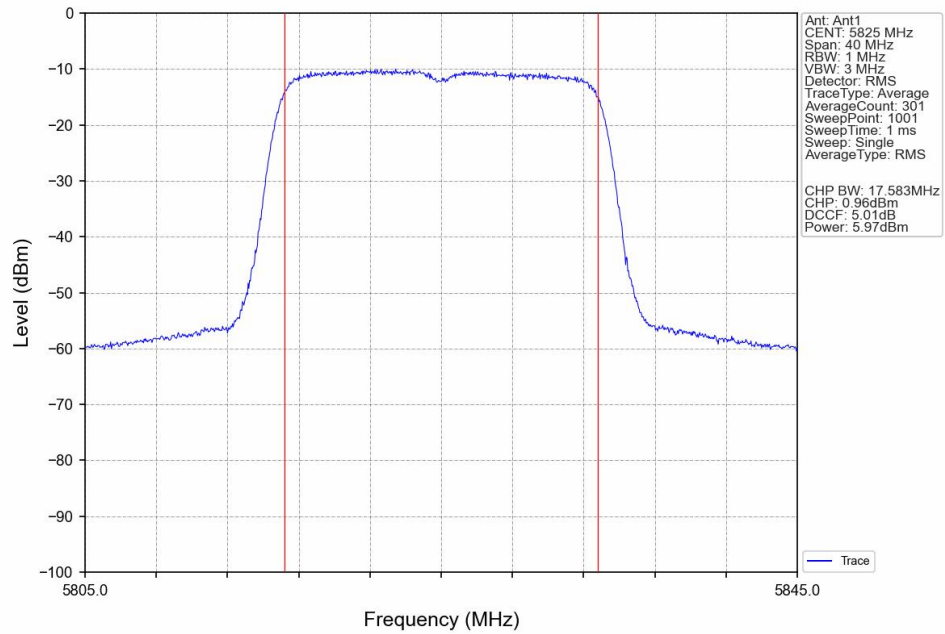


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

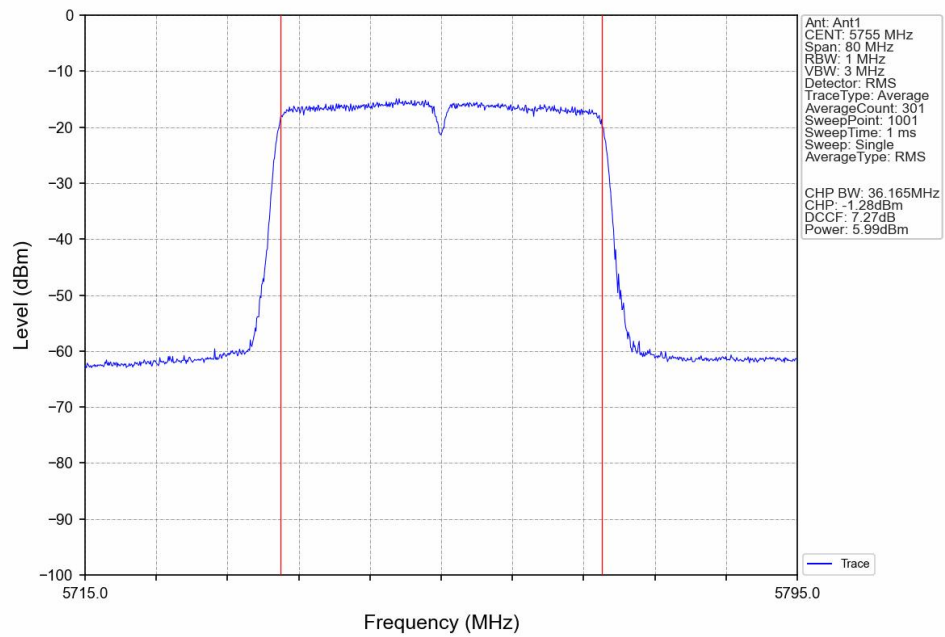




802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

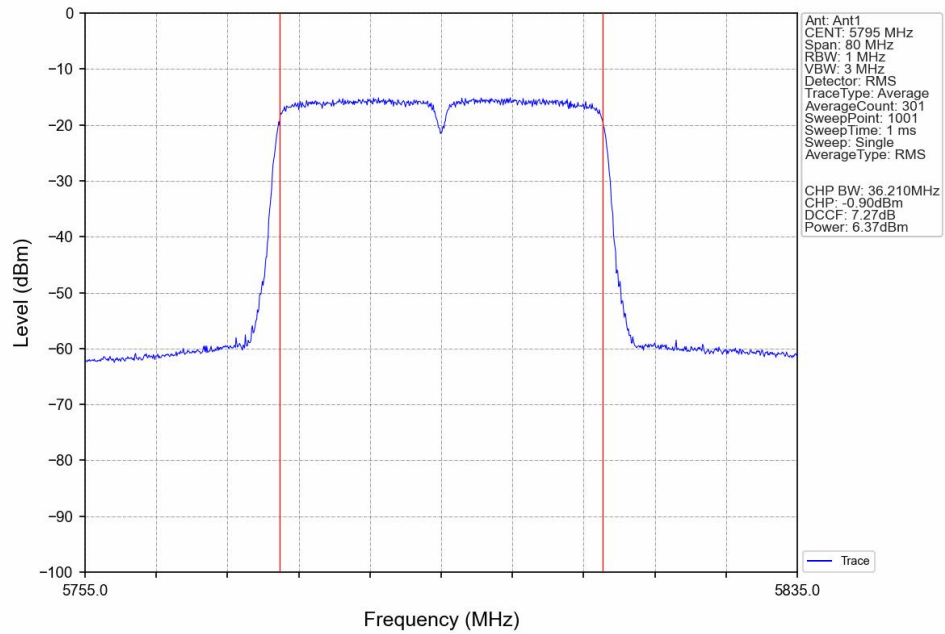


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

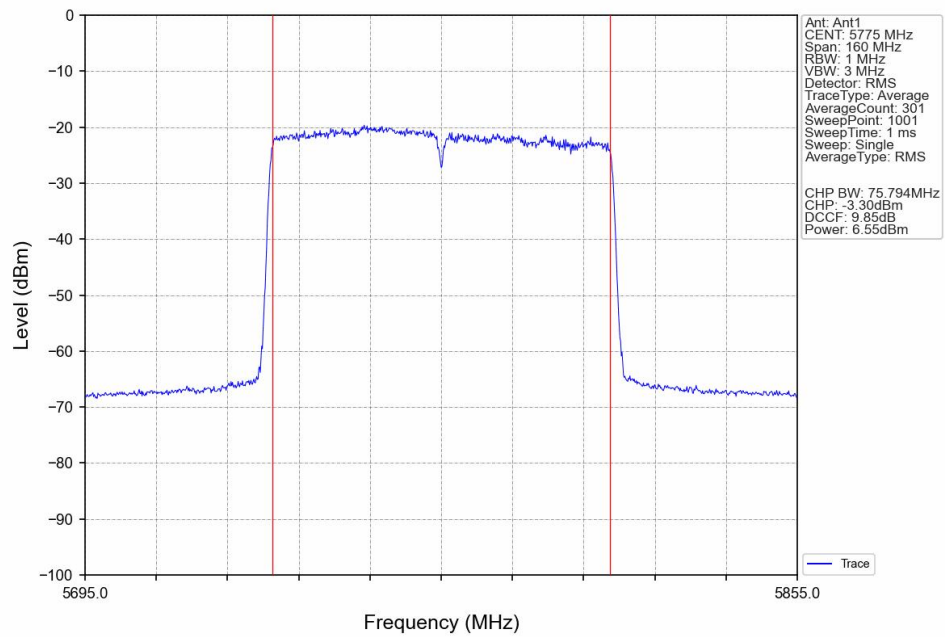




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV





4. Maximum Power Spectral Density

4.1 Test Result

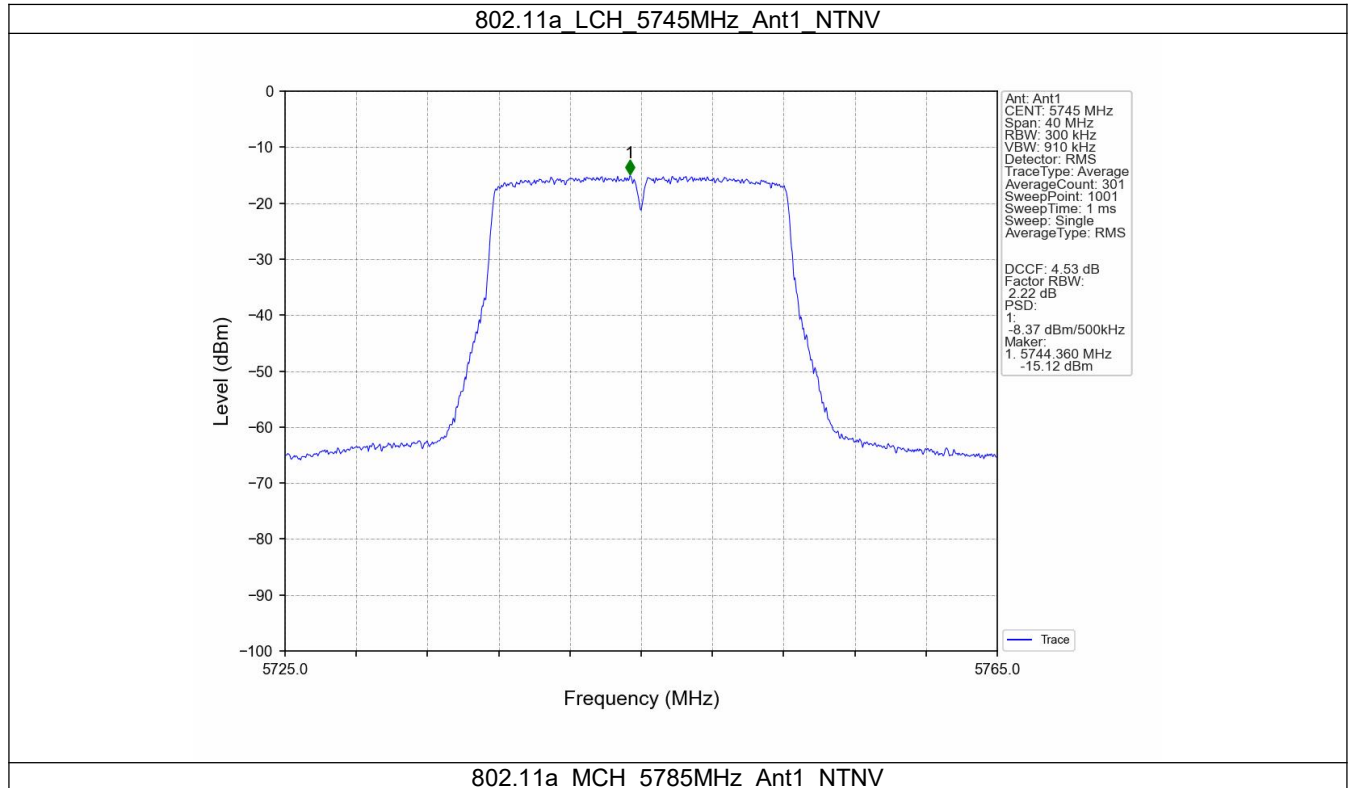
4.1.1 PSD-Band3

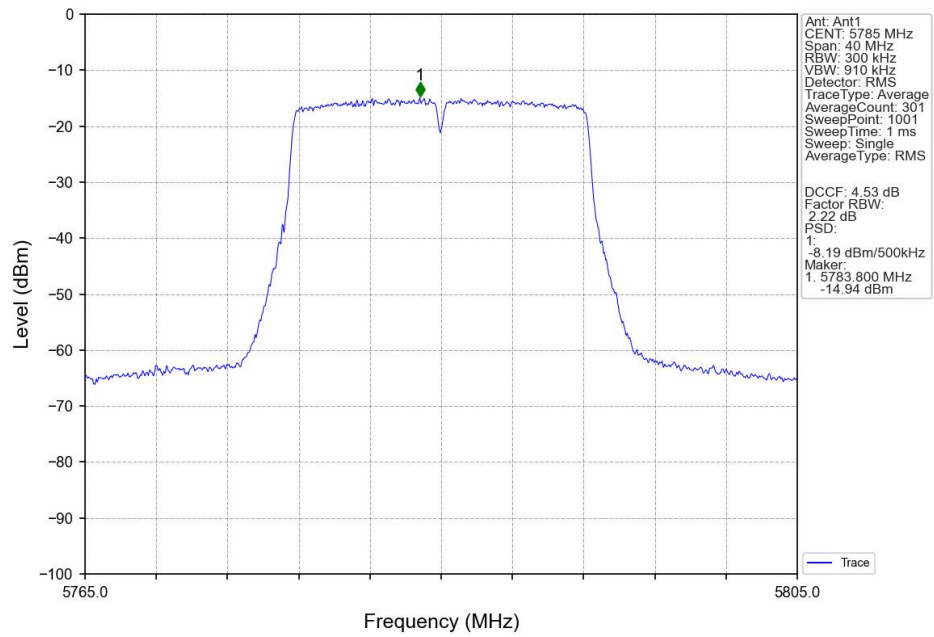
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-8.37	<=30	Pass
		5785	-8.19	<=30	Pass
		5825	-7.34	<=30	Pass
802.11n (HT20)	SISO	5745	-8.73	<=30	Pass
		5785	-8.09	<=30	Pass
		5825	-8.00	<=30	Pass
802.11n (HT40)	SISO	5755	-12.37	<=30	Pass
		5795	-10.78	<=30	Pass
802.11ac (VHT20)	SISO	5745	-9.14	<=30	Pass
		5785	-8.93	<=30	Pass
		5825	-9.04	<=30	Pass
802.11ac (VHT40)	SISO	5755	-12.57	<=30	Pass
		5795	-10.42	<=30	Pass
802.11ac (VHT80)	SISO	5775	-14.41	<=30	Pass
Note1: Antenna Gain: Ant1: 2.03dBi;					



4.2 Test Graph

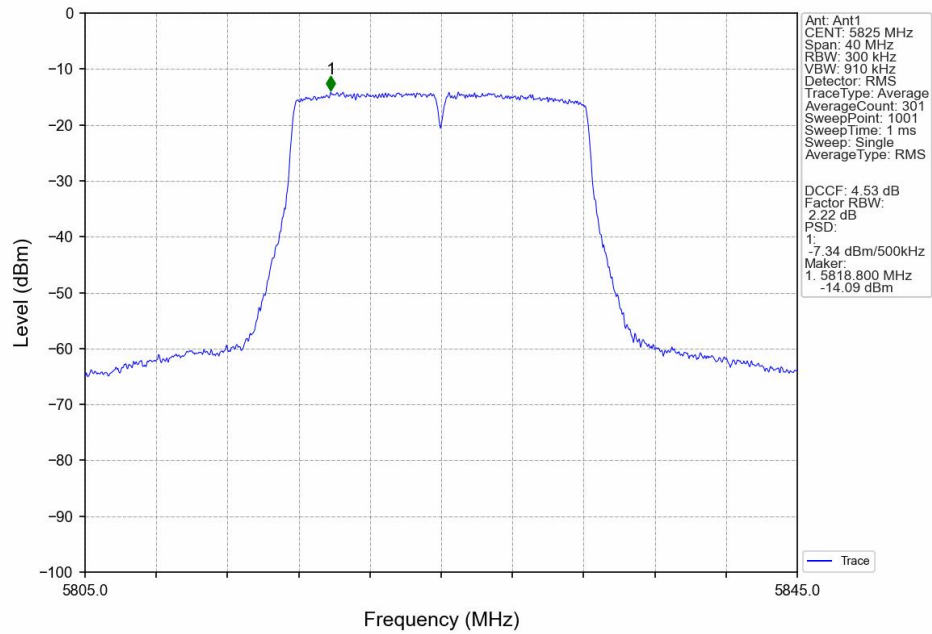
4.2.1 PSD-Band3



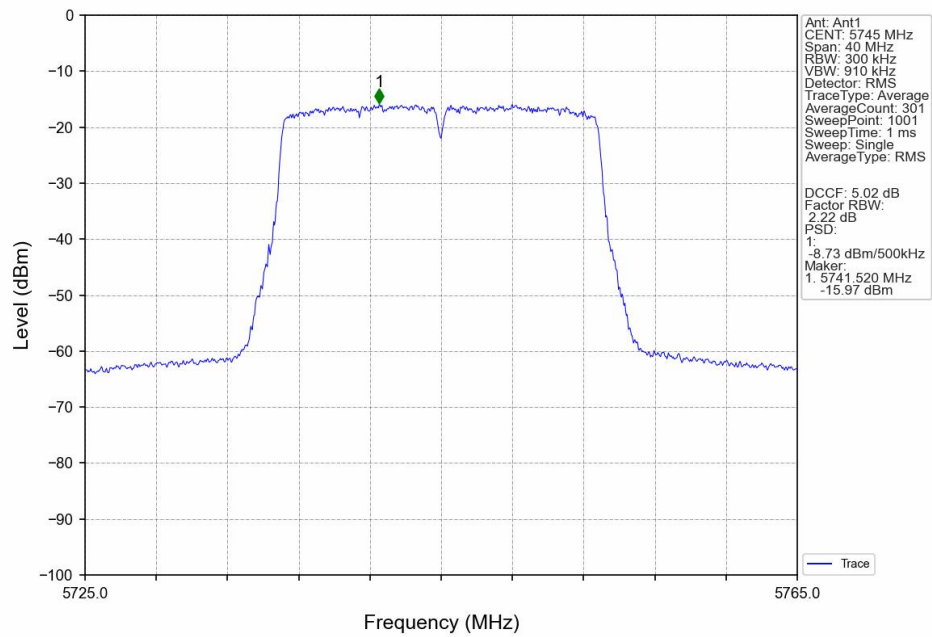




802.11a_HCH_5825MHz_Ant1_NTNV

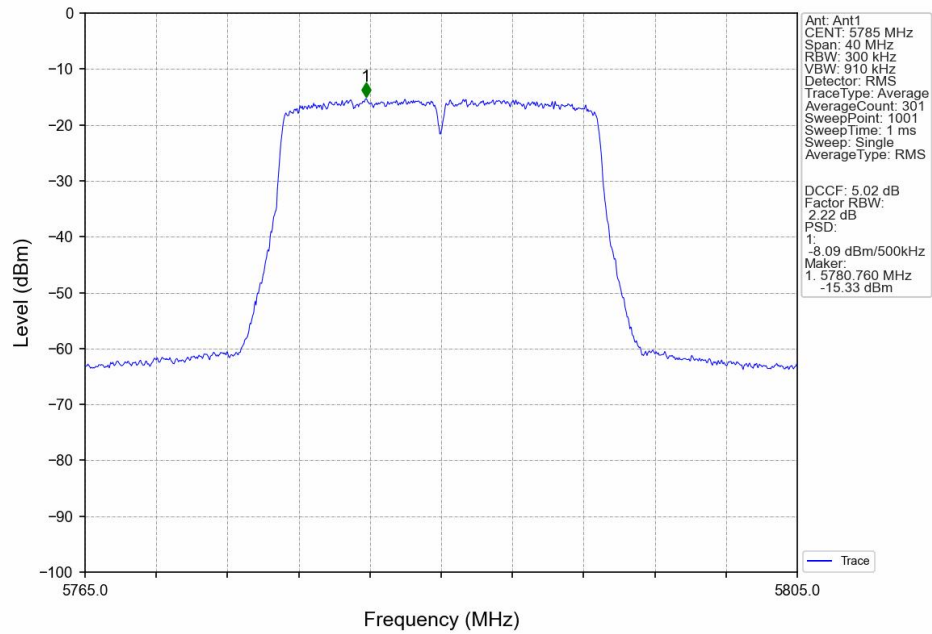


802.11n(HT20)_LCH_5745MHz_Ant1_NTNV

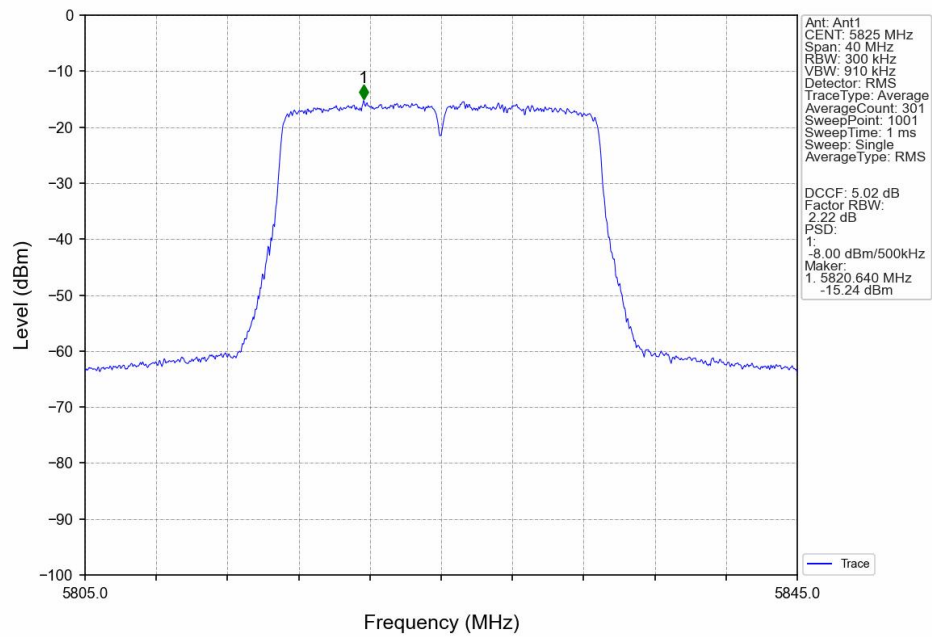




802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

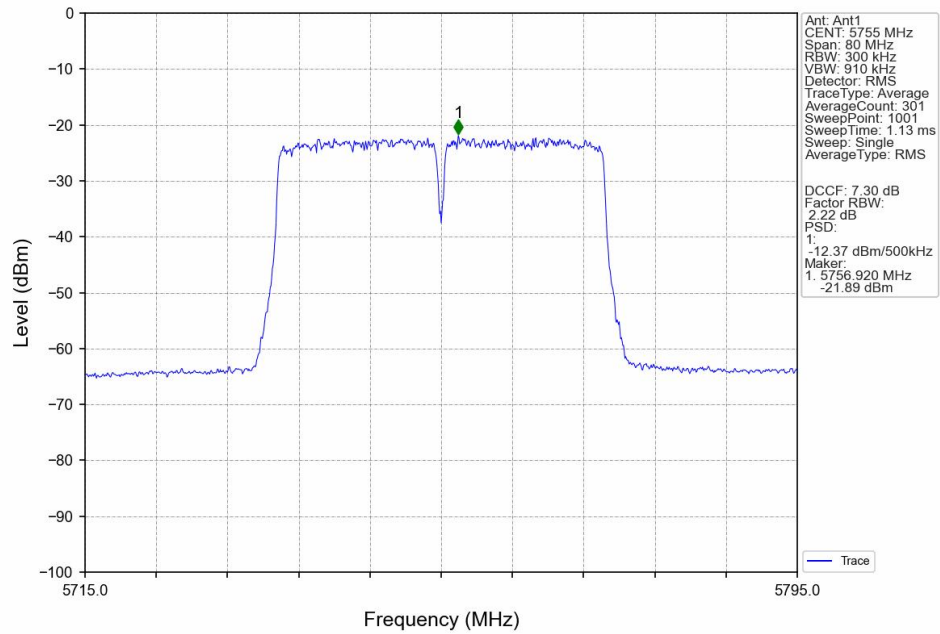


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

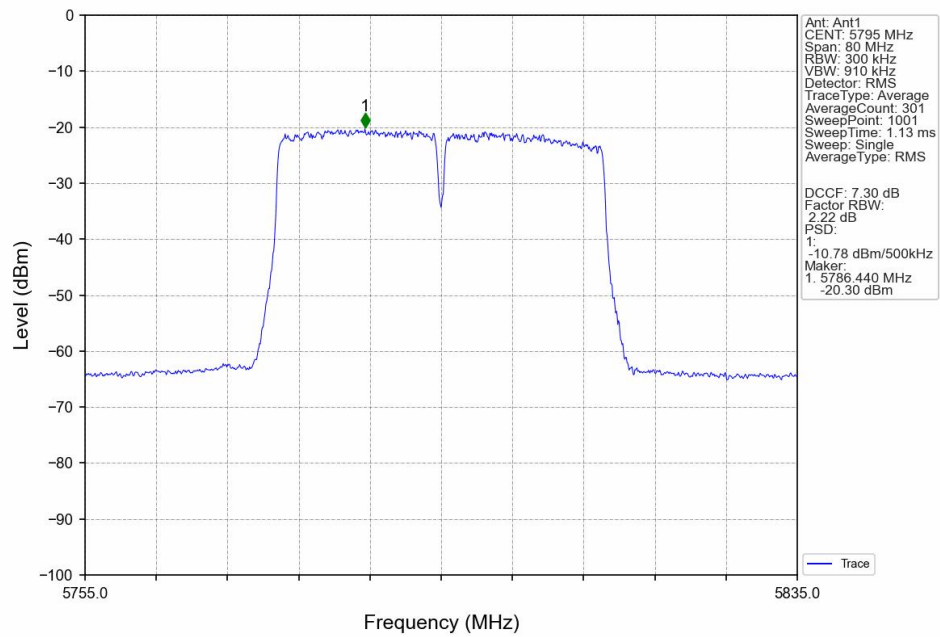




802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

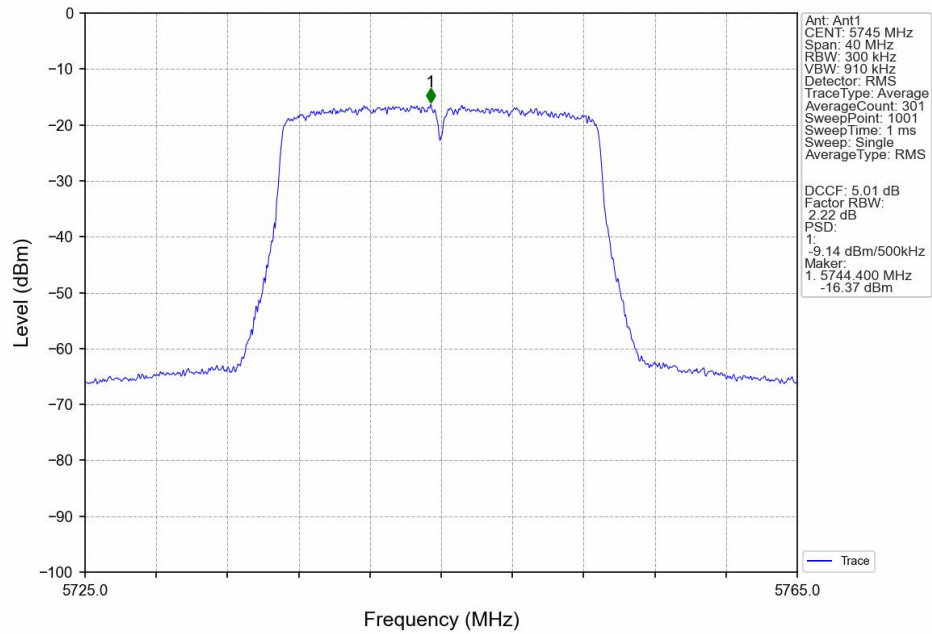


802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

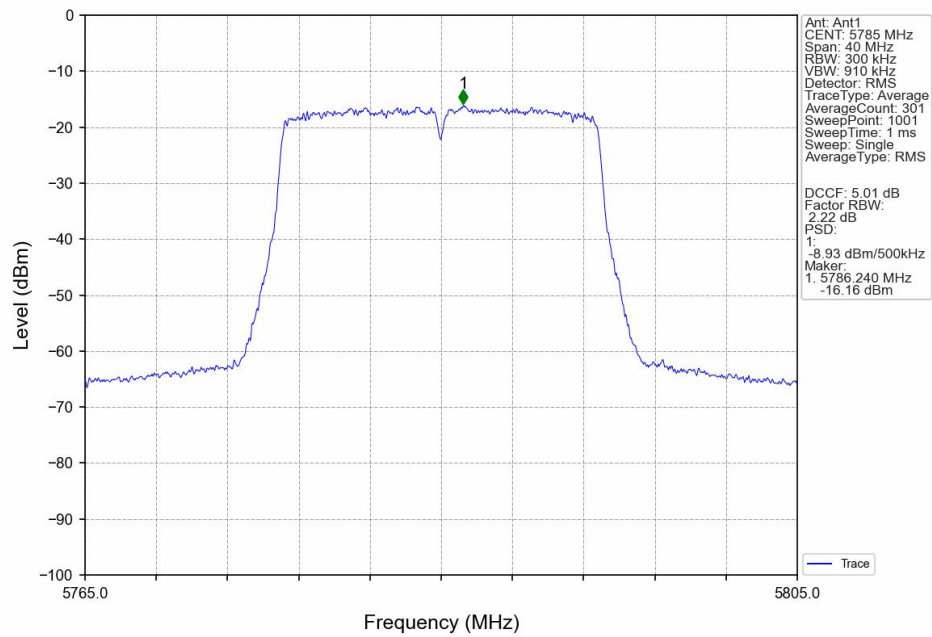




802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

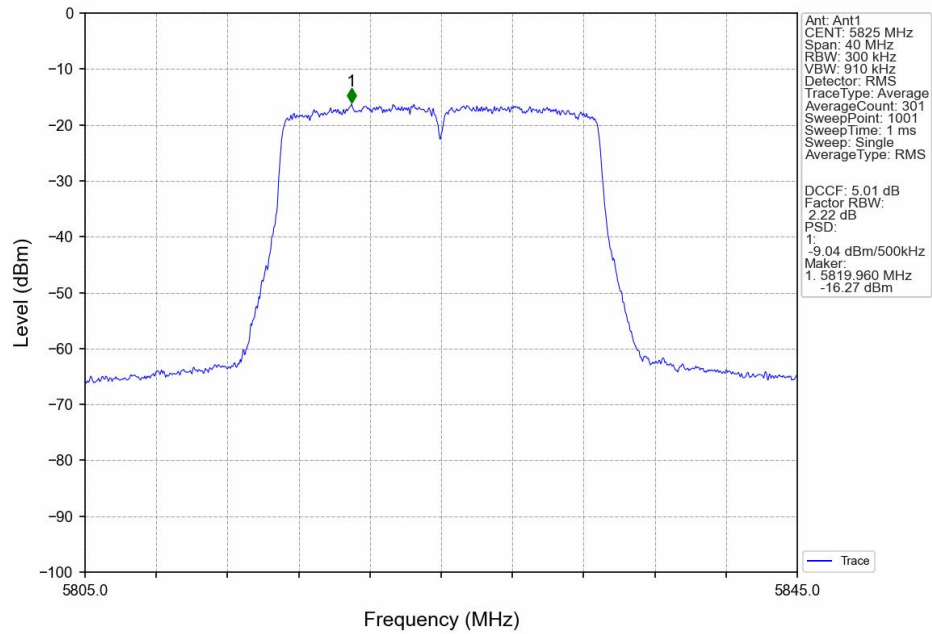


802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV

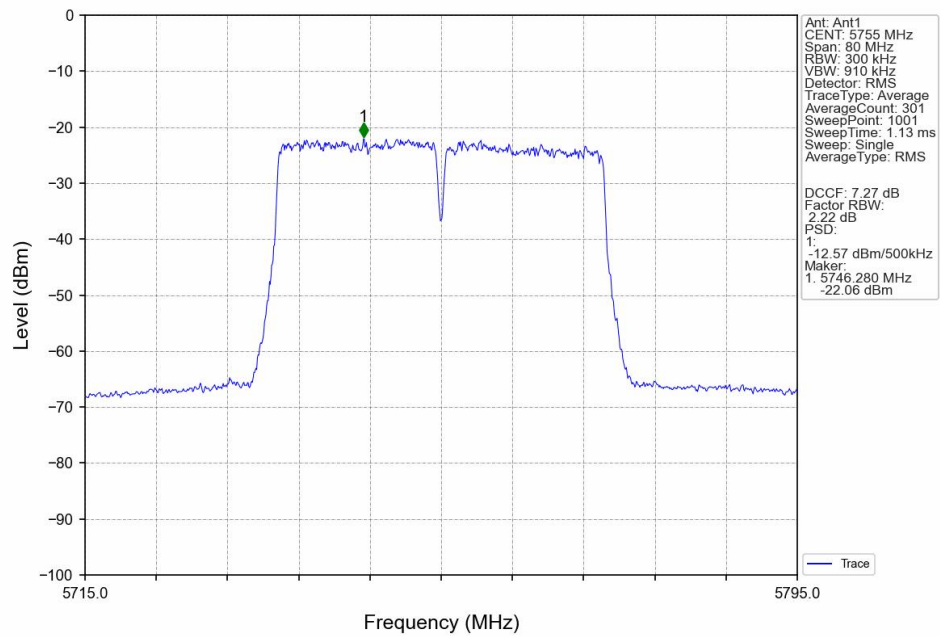




802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV

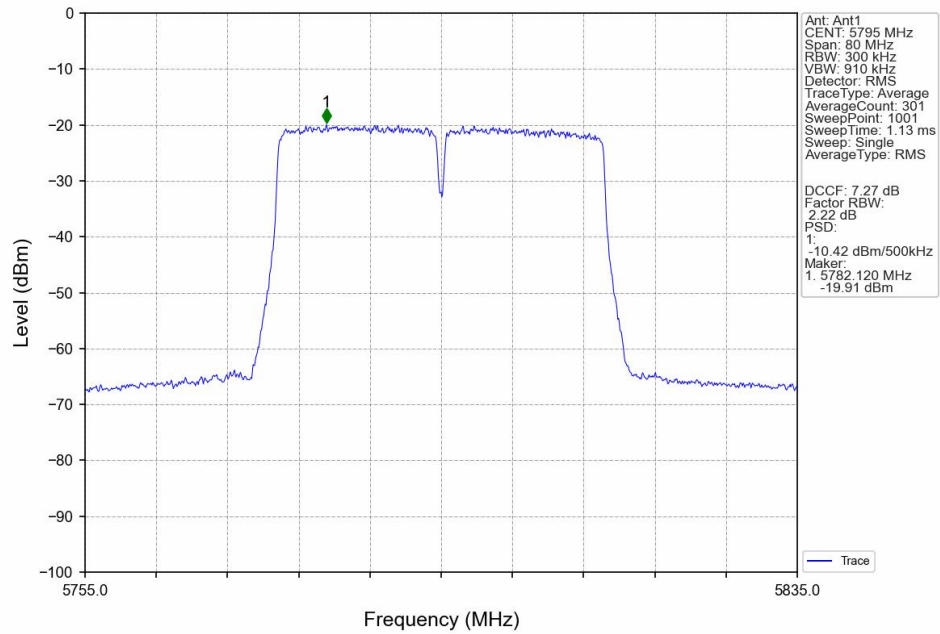


802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV

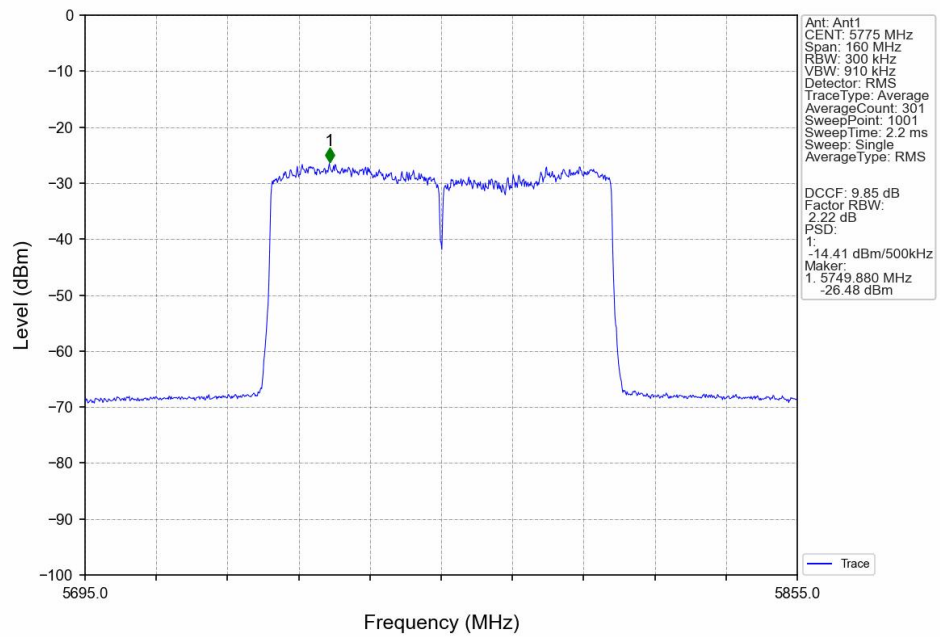




802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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	5745	20	4.25	5745.020	5725 to 5850	Pass
				5	5744.980	5725 to 5850	Pass
				5.75	5744.940	5725 to 5850	Pass
			-30	5	5744.960	5725 to 5850	Pass
			-20	5	5744.960	5725 to 5850	Pass
			-10	5	5745.000	5725 to 5850	Pass
			0	5	5744.940	5725 to 5850	Pass
			10	5	5745.000	5725 to 5850	Pass
			30	5	5744.980	5725 to 5850	Pass
			40	5	5744.960	5725 to 5850	Pass
			50	5	5745.000	5725 to 5850	Pass
		5785	20	4.25	5784.960	5725 to 5850	Pass
				5	5785.000	5725 to 5850	Pass
				5.75	5784.980	5725 to 5850	Pass
			-30	5	5785.020	5725 to 5850	Pass
			-20	5	5784.980	5725 to 5850	Pass
			-10	5	5784.960	5725 to 5850	Pass
			0	5	5784.940	5725 to 5850	Pass
			10	5	5785.020	5725 to 5850	Pass
			30	5	5785.000	5725 to 5850	Pass
			40	5	5784.960	5725 to 5850	Pass
			50	5	5784.980	5725 to 5850	Pass
		5825	20	4.25	5824.920	5725 to 5850	Pass
				5	5824.900	5725 to 5850	Pass
				5.75	5824.980	5725 to 5850	Pass
			-30	5	5824.900	5725 to 5850	Pass
			-20	5	5824.940	5725 to 5850	Pass
			-10	5	5824.960	5725 to 5850	Pass
			0	5	5825.000	5725 to 5850	Pass
			10	5	5824.980	5725 to 5850	Pass
			30	5	5824.980	5725 to 5850	Pass
			40	5	5824.960	5725 to 5850	Pass
			50	5	5825.020	5725 to 5850	Pass
802.11n (HT20)	SISO	5745	20	4.25	5744.940	5725 to 5850	Pass
				5	5744.940	5725 to 5850	Pass
				5.75	5744.940	5725 to 5850	Pass
			-30	5	5744.960	5725 to 5850	Pass
			-20	5	5744.940	5725 to 5850	Pass
			-10	5	5744.960	5725 to 5850	Pass
			0	5	5744.920	5725 to 5850	Pass
			10	5	5744.960	5725 to 5850	Pass
			30	5	5744.920	5725 to 5850	Pass



			40	5	5744.940	5725 to 5850	Pass
			50	5	5744.920	5725 to 5850	Pass
		5785	20	4.25	5784.980	5725 to 5850	Pass
				5	5784.960	5725 to 5850	Pass
				5.75	5784.960	5725 to 5850	Pass
			-30	5	5784.940	5725 to 5850	Pass
			-20	5	5784.900	5725 to 5850	Pass
			-10	5	5784.980	5725 to 5850	Pass
			0	5	5784.960	5725 to 5850	Pass
			10	5	5784.920	5725 to 5850	Pass
			30	5	5784.960	5725 to 5850	Pass
			40	5	5784.940	5725 to 5850	Pass
			50	5	5784.920	5725 to 5850	Pass
		5825	20	4.25	5824.960	5725 to 5850	Pass
				5	5824.940	5725 to 5850	Pass
				5.75	5824.940	5725 to 5850	Pass
			-30	5	5824.900	5725 to 5850	Pass
			-20	5	5824.960	5725 to 5850	Pass
			-10	5	5824.920	5725 to 5850	Pass
			0	5	5824.900	5725 to 5850	Pass
			10	5	5824.960	5725 to 5850	Pass
			30	5	5824.920	5725 to 5850	Pass
			40	5	5824.960	5725 to 5850	Pass
			50	5	5824.900	5725 to 5850	Pass
802.11n (HT40)	SISO	5755	20	4.25	5755.000	5725 to 5850	Pass
				5	5755.000	5725 to 5850	Pass
				5.75	5755.000	5725 to 5850	Pass
			-30	5	5754.920	5725 to 5850	Pass
			-20	5	5754.960	5725 to 5850	Pass
			-10	5	5755.000	5725 to 5850	Pass
			0	5	5754.960	5725 to 5850	Pass
			10	5	5755.000	5725 to 5850	Pass
			30	5	5754.960	5725 to 5850	Pass
			40	5	5755.000	5725 to 5850	Pass
			50	5	5754.960	5725 to 5850	Pass
		5795	20	4.25	5794.960	5725 to 5850	Pass
				5	5795.000	5725 to 5850	Pass
				5.75	5794.960	5725 to 5850	Pass
			-30	5	5795.000	5725 to 5850	Pass
			-20	5	5794.960	5725 to 5850	Pass
			-10	5	5794.960	5725 to 5850	Pass
			0	5	5794.960	5725 to 5850	Pass
			10	5	5794.960	5725 to 5850	Pass
			30	5	5794.960	5725 to 5850	Pass
			40	5	5795.000	5725 to 5850	Pass
			50	5	5794.960	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5745	20	4.25	5744.960	5725 to 5850	Pass
				5	5744.960	5725 to 5850	Pass
				5.75	5744.980	5725 to 5850	Pass
			-30	5	5744.920	5725 to 5850	Pass
			-20	5	5744.960	5725 to 5850	Pass
			-10	5	5744.960	5725 to 5850	Pass
			0	5	5744.940	5725 to 5850	Pass
			10	5	5744.960	5725 to 5850	Pass
			30	5	5744.960	5725 to 5850	Pass
			40	5	5744.960	5725 to 5850	Pass



			50	5	5744.920	5725 to 5850	Pass
		5785	20	4.25	5784.940	5725 to 5850	Pass
				5	5784.960	5725 to 5850	Pass
				5.75	5784.960	5725 to 5850	Pass
			-30	5	5784.940	5725 to 5850	Pass
			-20	5	5784.920	5725 to 5850	Pass
			-10	5	5784.940	5725 to 5850	Pass
			0	5	5784.960	5725 to 5850	Pass
			10	5	5784.960	5725 to 5850	Pass
			30	5	5784.960	5725 to 5850	Pass
			40	5	5784.960	5725 to 5850	Pass
			50	5	5784.900	5725 to 5850	Pass
		5825	20	4.25	5824.920	5725 to 5850	Pass
				5	5824.960	5725 to 5850	Pass
				5.75	5824.960	5725 to 5850	Pass
			-30	5	5824.940	5725 to 5850	Pass
			-20	5	5824.960	5725 to 5850	Pass
			-10	5	5824.960	5725 to 5850	Pass
			0	5	5824.900	5725 to 5850	Pass
			10	5	5824.900	5725 to 5850	Pass
			30	5	5824.960	5725 to 5850	Pass
			40	5	5824.920	5725 to 5850	Pass
			50	5	5824.940	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5755	20	4.25	5754.960	5725 to 5850	Pass
				5	5755.000	5725 to 5850	Pass
				5.75	5755.000	5725 to 5850	Pass
			-30	5	5755.000	5725 to 5850	Pass
			-20	5	5754.960	5725 to 5850	Pass
			-10	5	5755.000	5725 to 5850	Pass
			0	5	5754.960	5725 to 5850	Pass
			10	5	5754.960	5725 to 5850	Pass
			30	5	5754.960	5725 to 5850	Pass
			40	5	5754.960	5725 to 5850	Pass
			50	5	5754.960	5725 to 5850	Pass
		5795	20	4.25	5794.960	5725 to 5850	Pass
				5	5795.000	5725 to 5850	Pass
				5.75	5794.960	5725 to 5850	Pass
			-30	5	5794.960	5725 to 5850	Pass
			-20	5	5795.000	5725 to 5850	Pass
			-10	5	5795.000	5725 to 5850	Pass
			0	5	5795.000	5725 to 5850	Pass
			10	5	5795.000	5725 to 5850	Pass
			30	5	5795.000	5725 to 5850	Pass
			40	5	5794.960	5725 to 5850	Pass
			50	5	5795.000	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5775	20	4.25	5775.000	5725 to 5850	Pass
				5	5774.925	5725 to 5850	Pass
				5.75	5774.925	5725 to 5850	Pass
			-30	5	5775.000	5725 to 5850	Pass
			-20	5	5775.000	5725 to 5850	Pass
			-10	5	5775.000	5725 to 5850	Pass
			0	5	5774.925	5725 to 5850	Pass
			10	5	5775.000	5725 to 5850	Pass
			30	5	5775.000	5725 to 5850	Pass
			40	5	5775.000	5725 to 5850	Pass
			50	5	5775.000	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)
5745	5825	0.0043	6.37
5755	5795	0.0043	6.37
5775	5775	0.0045	6.55