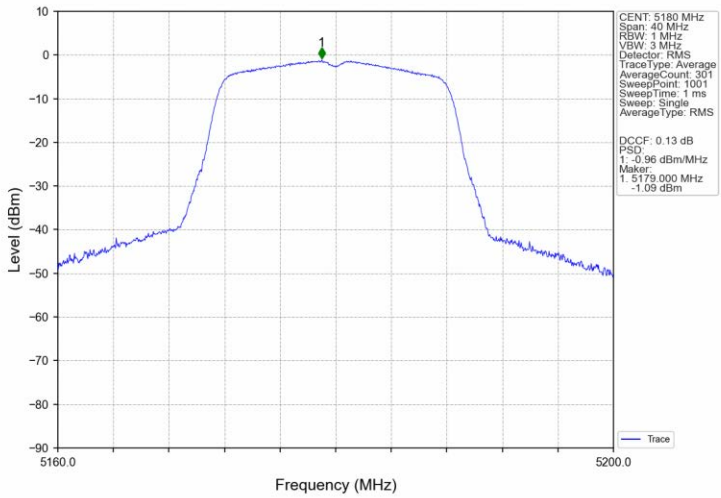
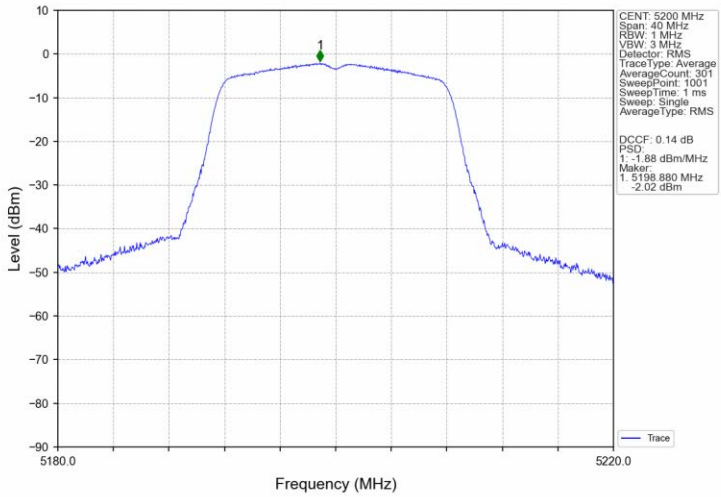
4.2 Test Graph

4.2.1 PSD

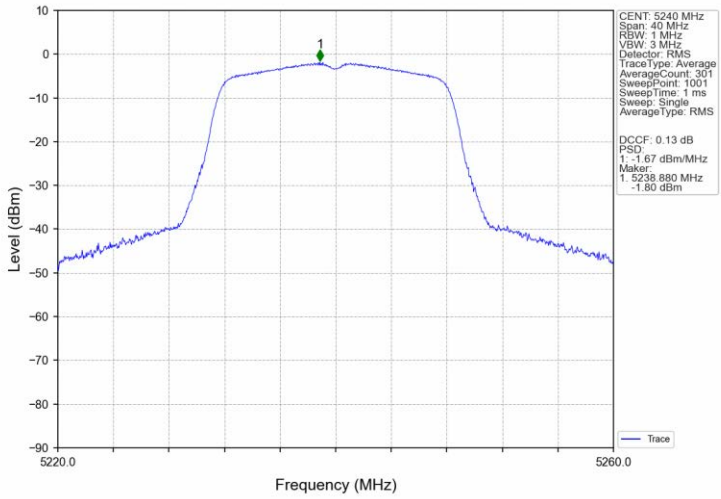
802.11a_LCH_5180MHz_Ant1_NTNV



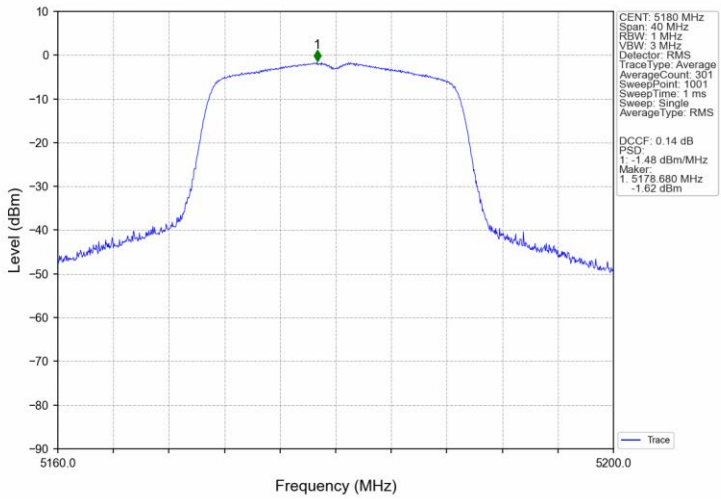
802.11a_MCH_5200MHz_Ant1_NTNV



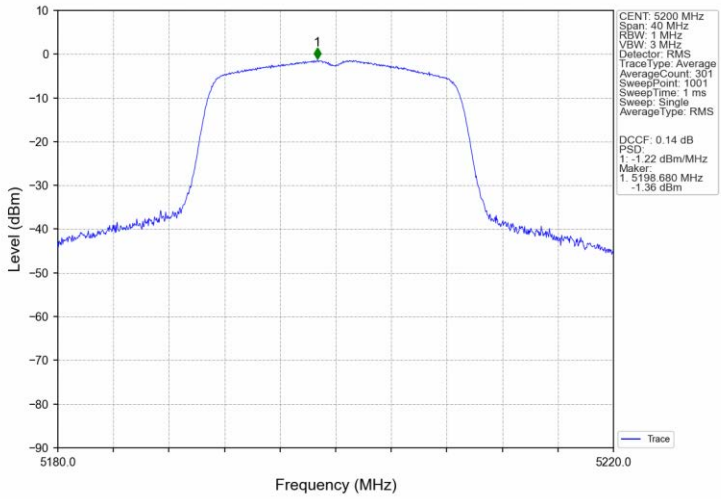
802.11a_HCH_5240MHz_Ant1_NTNV



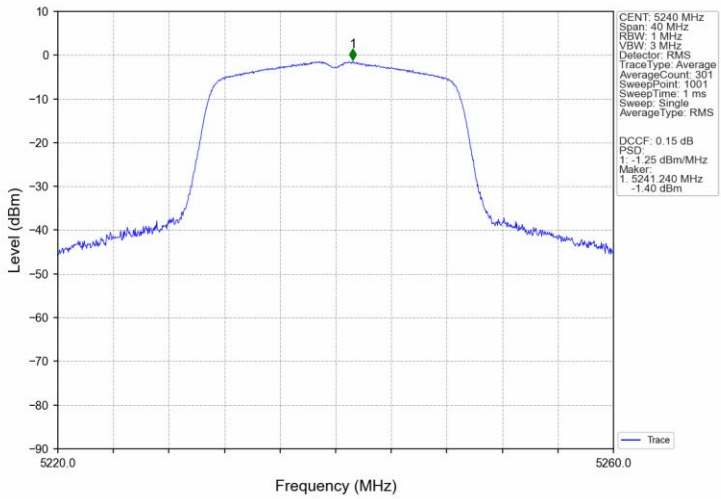
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



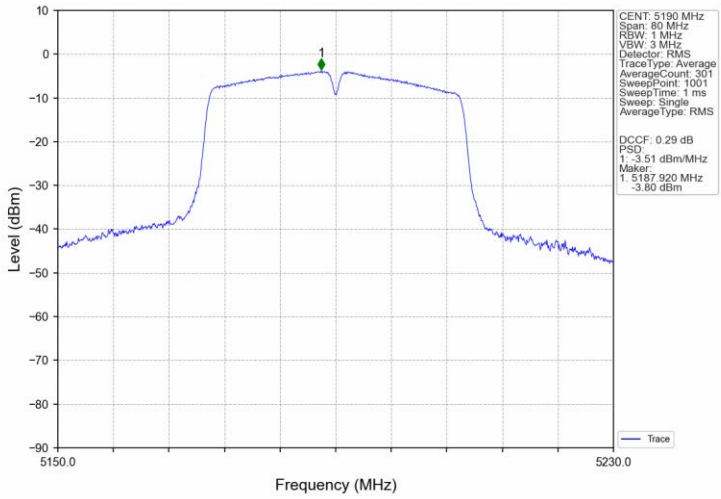
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



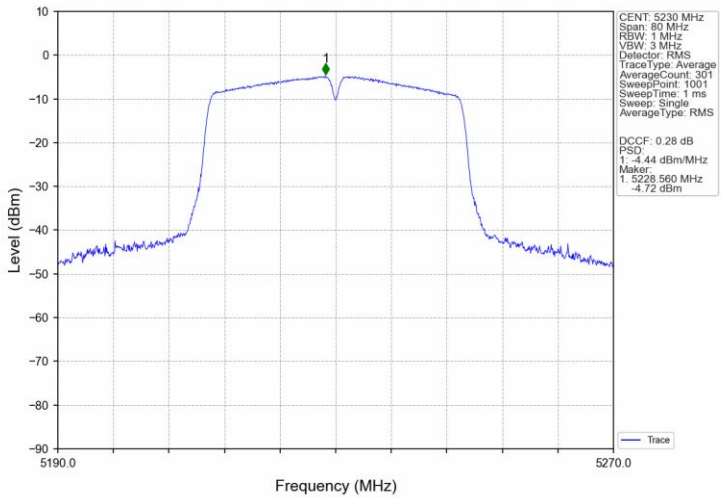
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



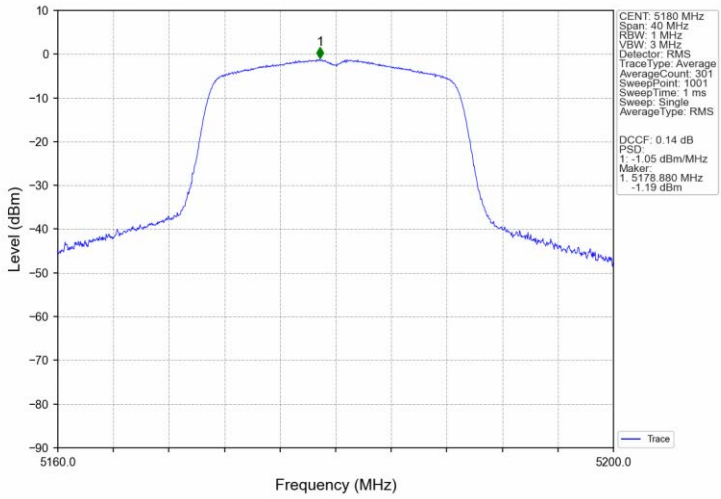
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



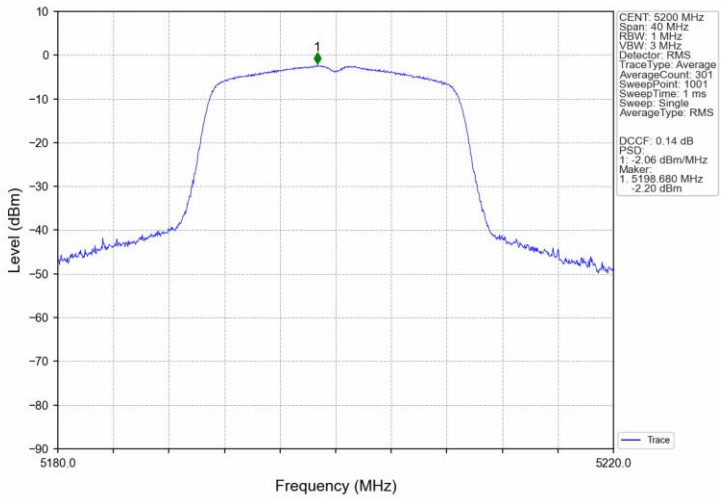
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



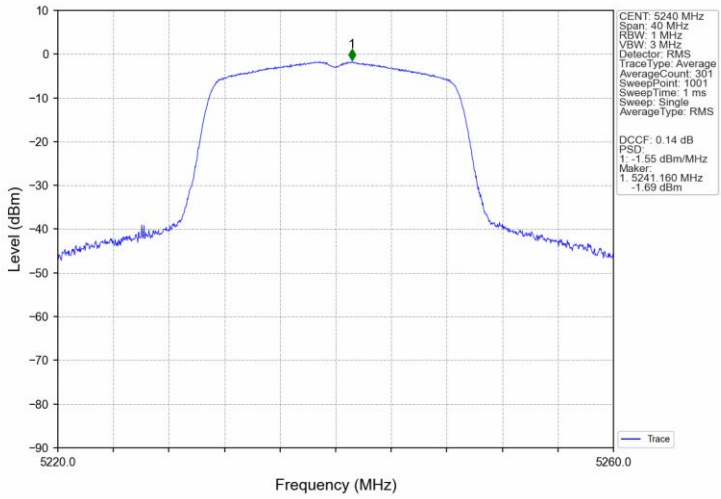
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



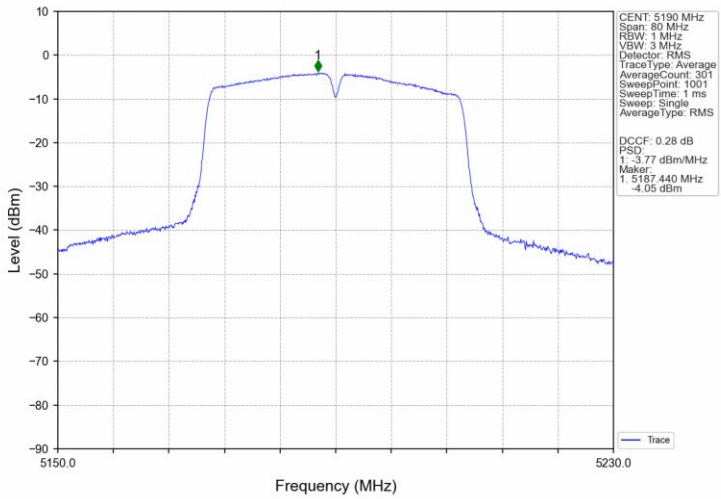
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



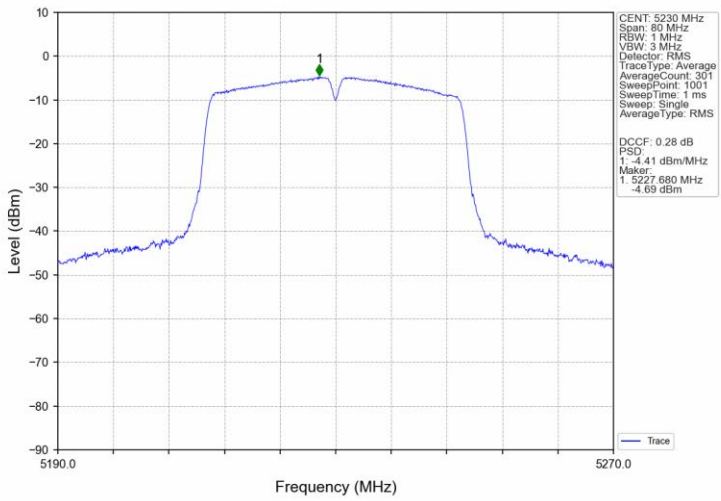
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



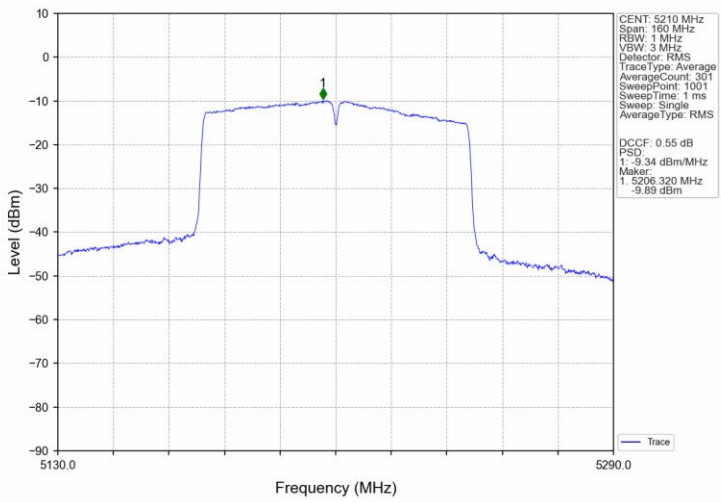
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

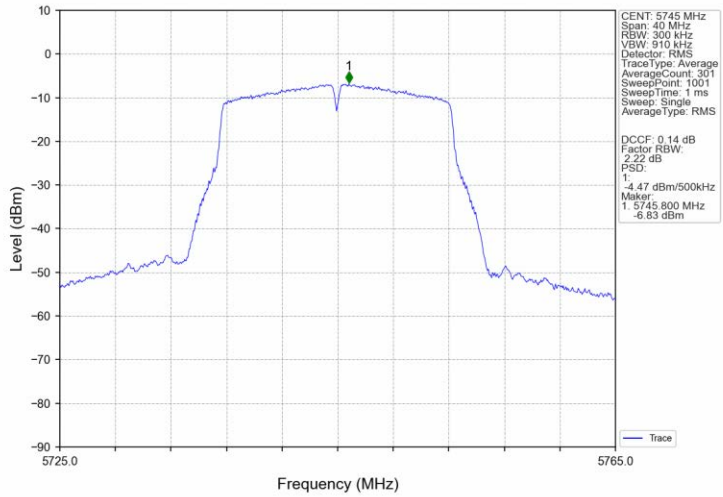


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

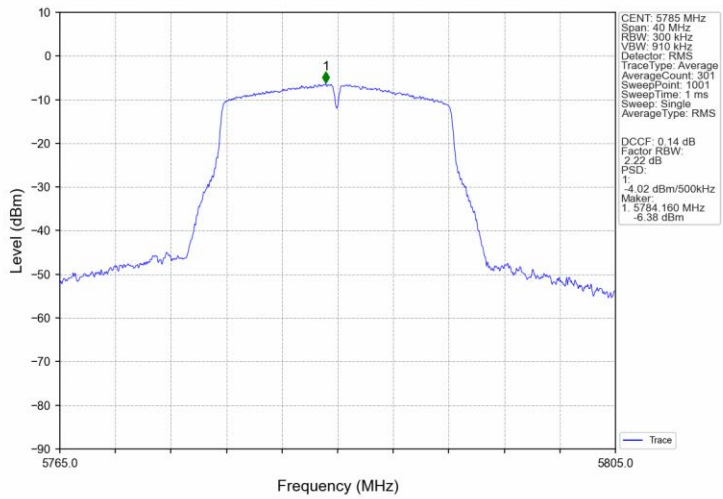


4.2.2 PSD-Band3

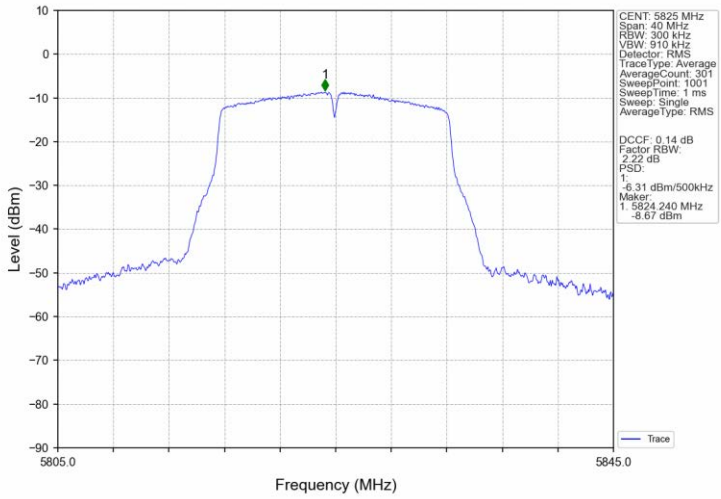
802.11a_LCH_5745MHz_Ant1_NTNV



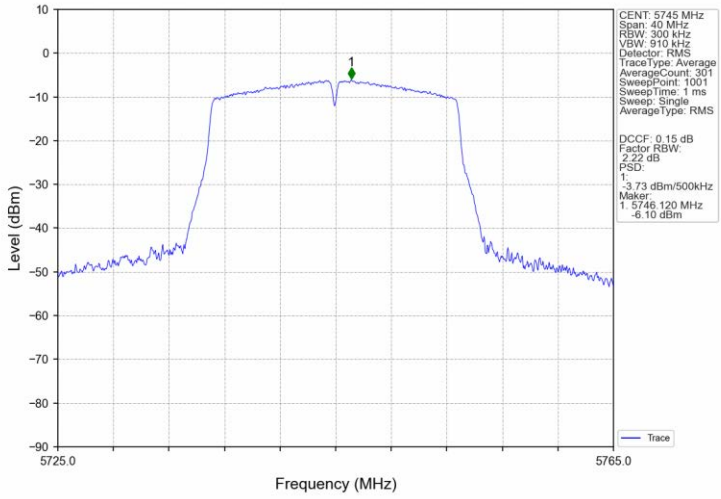
802.11a_MCH_5785MHz_Ant1_NTNV



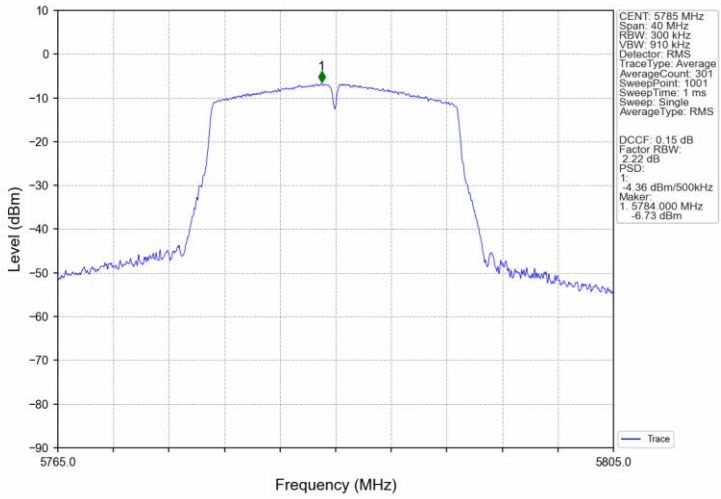
802.11a_HCH_5825MHz_Ant1_NTNV



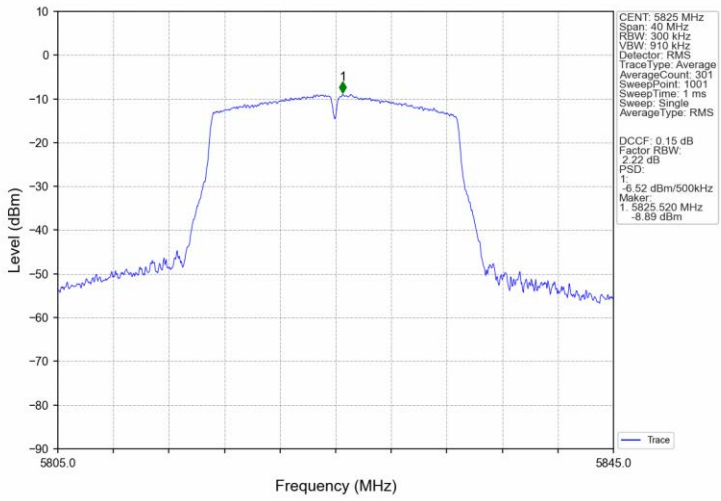
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



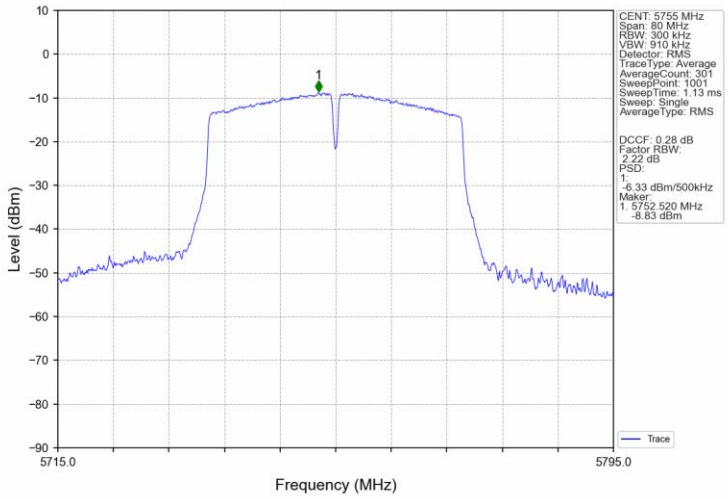
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



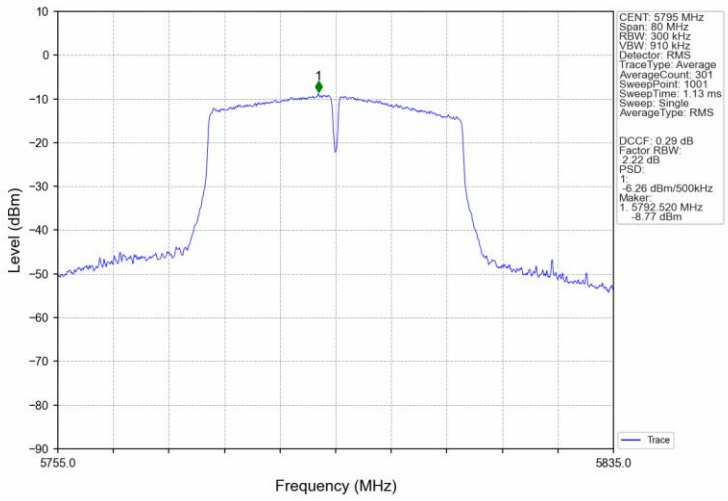
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



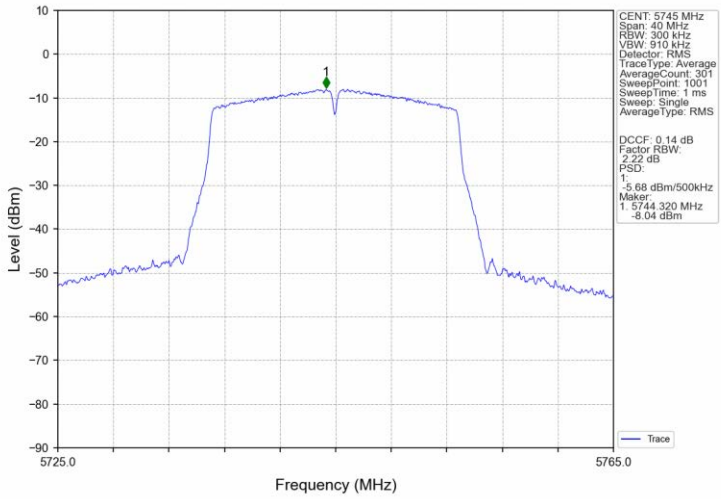
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



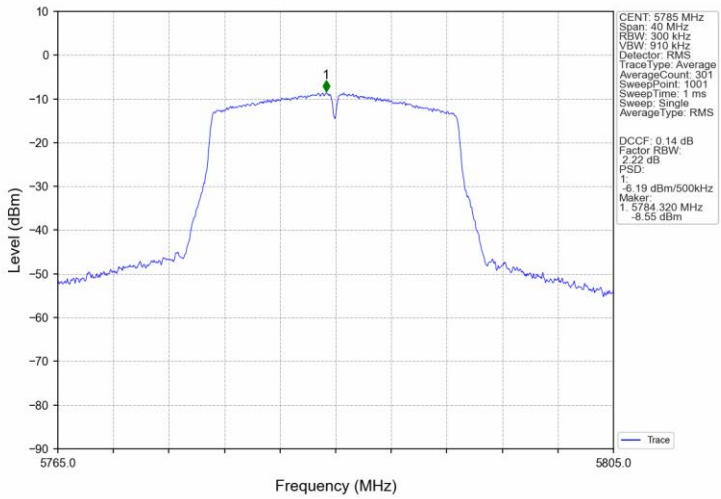
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



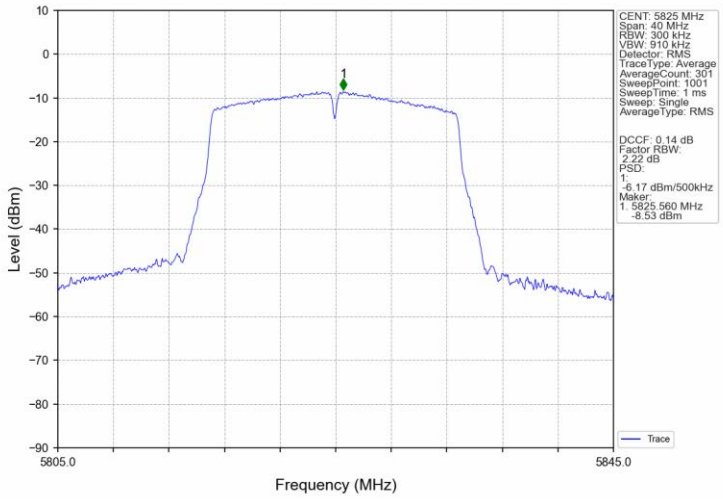
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



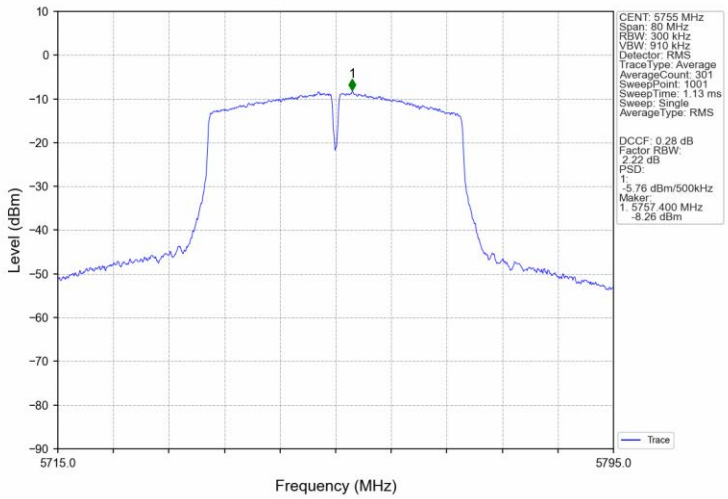
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



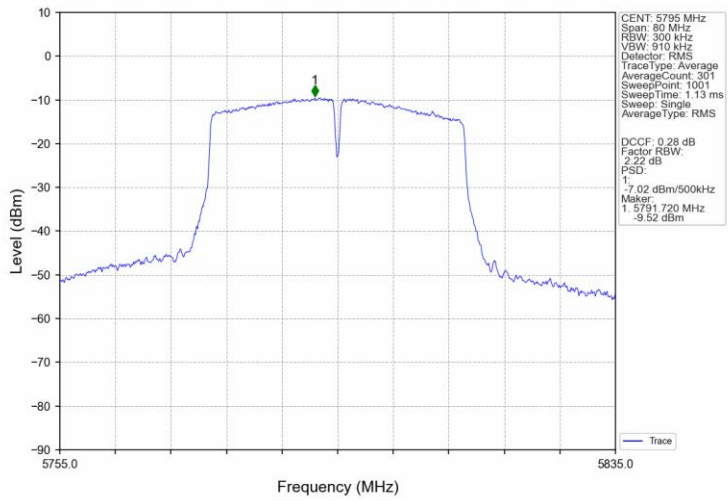
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



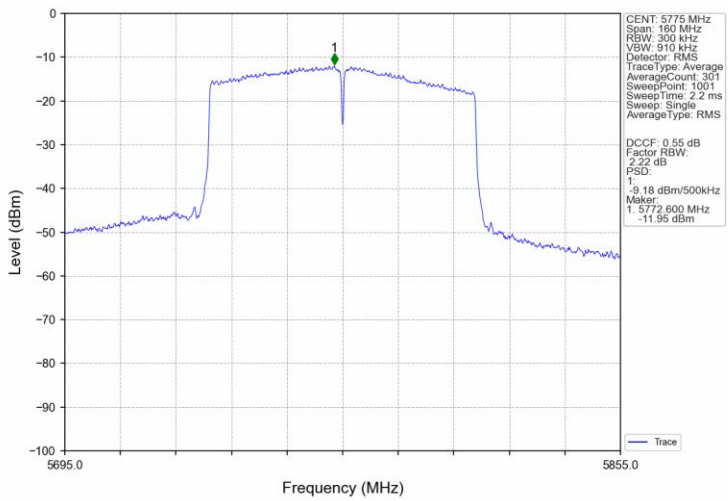
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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
Carrier Wave	SISO	5180	20	102	5179.891	5150 to 5250	Pass
				120	5179.890	5150 to 5250	Pass
				138	5179.890	5150 to 5250	Pass
			-30	120	5179.890	5150 to 5250	Pass
			-20	120	5179.890	5150 to 5250	Pass
			-10	120	5179.890	5150 to 5250	Pass
			0	120	5179.890	5150 to 5250	Pass
			10	120	5179.889	5150 to 5250	Pass
			30	120	5179.889	5150 to 5250	Pass
			40	120	5179.889	5150 to 5250	Pass
			50	120	5179.889	5150 to 5250	Pass
		5200	20	102	5199.888	5150 to 5250	Pass
				120	5199.888	5150 to 5250	Pass
				138	5199.888	5150 to 5250	Pass
			-30	120	5199.888	5150 to 5250	Pass
			-20	120	5199.888	5150 to 5250	Pass
			-10	120	5199.887	5150 to 5250	Pass
			0	120	5199.887	5150 to 5250	Pass
			10	120	5199.887	5150 to 5250	Pass
			30	120	5199.887	5150 to 5250	Pass
			40	120	5199.887	5150 to 5250	Pass
			50	120	5199.887	5150 to 5250	Pass
		5240	20	102	5239.887	5150 to 5250	Pass
				120	5239.886	5150 to 5250	Pass
				138	5239.886	5150 to 5250	Pass
			-30	120	5239.886	5150 to 5250	Pass
			-20	120	5239.886	5150 to 5250	Pass
			-10	120	5239.886	5150 to 5250	Pass
			0	120	5239.886	5150 to 5250	Pass
			10	120	5239.886	5150 to 5250	Pass
			30	120	5239.886	5150 to 5250	Pass
			40	120	5239.886	5150 to 5250	Pass
			50	120	5239.886	5150 to 5250	Pass
		5745	20	102	5744.876	5725 to 5850	Pass
				120	5744.876	5725 to 5850	Pass
				138	5744.876	5725 to 5850	Pass
			-30	120	5744.876	5725 to 5850	Pass
			-20	120	5744.876	5725 to 5850	Pass
			-10	120	5744.876	5725 to 5850	Pass
			0	120	5744.875	5725 to 5850	Pass
			10	120	5744.875	5725 to 5850	Pass
			30	120	5744.875	5725 to 5850	Pass
			40	120	5744.875	5725 to 5850	Pass
			50	120	5744.875	5725 to 5850	Pass
		5785	20	102	5784.874	5725 to 5850	Pass
				120	5784.874	5725 to 5850	Pass

				138	5784.873	5725 to 5850	Pass
			-30	120	5784.873	5725 to 5850	Pass
			-20	120	5784.873	5725 to 5850	Pass
			-10	120	5784.873	5725 to 5850	Pass
			0	120	5784.873	5725 to 5850	Pass
			10	120	5784.873	5725 to 5850	Pass
			30	120	5784.873	5725 to 5850	Pass
			40	120	5784.873	5725 to 5850	Pass
			50	120	5784.873	5725 to 5850	Pass
		5825	20	102	5824.872	5725 to 5850	Pass
				120	5824.872	5725 to 5850	Pass
				138	5824.872	5725 to 5850	Pass
			-30	120	5824.872	5725 to 5850	Pass
			-20	120	5824.872	5725 to 5850	Pass
			-10	120	5824.872	5725 to 5850	Pass
			0	120	5824.872	5725 to 5850	Pass
			10	120	5824.872	5725 to 5850	Pass
			30	120	5824.872	5725 to 5850	Pass
			40	120	5824.872	5725 to 5850	Pass
			50	120	5824.872	5725 to 5850	Pass
		5190	20	102	5189.886	5150 to 5250	Pass
				120	5189.886	5150 to 5250	Pass
				138	5189.886	5150 to 5250	Pass
			-30	120	5189.886	5150 to 5250	Pass
			-20	120	5189.886	5150 to 5250	Pass
			-10	120	5189.886	5150 to 5250	Pass
			0	120	5189.886	5150 to 5250	Pass
			10	120	5189.886	5150 to 5250	Pass
			30	120	5189.886	5150 to 5250	Pass
			40	120	5189.886	5150 to 5250	Pass
			50	120	5189.886	5150 to 5250	Pass
		5230	20	102	5229.886	5150 to 5250	Pass
				120	5229.886	5150 to 5250	Pass
				138	5229.886	5150 to 5250	Pass
			-30	120	5229.886	5150 to 5250	Pass
			-20	120	5229.886	5150 to 5250	Pass
			-10	120	5229.886	5150 to 5250	Pass
			0	120	5229.886	5150 to 5250	Pass
			10	120	5229.886	5150 to 5250	Pass
			30	120	5229.886	5150 to 5250	Pass
			40	120	5229.886	5150 to 5250	Pass
			50	120	5229.885	5150 to 5250	Pass
		5755	20	102	5754.874	5725 to 5850	Pass
				120	5755.292	5725 to 5850	Pass
				138	5755.374	5725 to 5850	Pass
			-30	120	5755.446	5725 to 5850	Pass
			-20	120	5755.183	5725 to 5850	Pass
			-10	120	5755.474	5725 to 5850	Pass
			0	120	5755.351	5725 to 5850	Pass
			10	120	5755.230	5725 to 5850	Pass
			30	120	5754.915	5725 to 5850	Pass
			40	120	5755.214	5725 to 5850	Pass
			50	120	5754.513	5725 to 5850	Pass
		5795	20	102	5794.880	5725 to 5850	Pass
				120	5794.879	5725 to 5850	Pass
				138	5794.878	5725 to 5850	Pass
			-30	120	5794.878	5725 to 5850	Pass
			-20	120	5794.878	5725 to 5850	Pass
			-10	120	5794.877	5725 to 5850	Pass

			0	120	5794.877	5725 to 5850	Pass
			10	120	5794.877	5725 to 5850	Pass
			30	120	5794.876	5725 to 5850	Pass
			40	120	5794.876	5725 to 5850	Pass
			50	120	5794.876	5725 to 5850	Pass
		5210	20	102	5209.887	5150 to 5250	Pass
				120	5209.887	5150 to 5250	Pass
				138	5209.887	5150 to 5250	Pass
			-30	120	5209.887	5150 to 5250	Pass
			-20	120	5209.887	5150 to 5250	Pass
			-10	120	5209.887	5150 to 5250	Pass
			0	120	5209.887	5150 to 5250	Pass
			10	120	5209.887	5150 to 5250	Pass
			30	120	5209.887	5150 to 5250	Pass
			40	120	5209.887	5150 to 5250	Pass
			50	120	5209.887	5150 to 5250	Pass
		5775	20	102	5774.875	5725 to 5850	Pass
				120	5774.874	5725 to 5850	Pass
				138	5774.874	5725 to 5850	Pass
			-30	120	5774.769	5725 to 5850	Pass
			-20	120	5775.269	5725 to 5850	Pass
			-10	120	5774.869	5725 to 5850	Pass
			0	120	5774.770	5725 to 5850	Pass
			10	120	5775.482	5725 to 5850	Pass
			30	120	5775.245	5725 to 5850	Pass
			40	120	5775.458	5725 to 5850	Pass
			50	120	5775.238	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	0.0086	9.37
5745	5825	0.0090	9.53
5190	5230	0.0093	9.67
5755	5795	0.0103	10.13
5210	5210	0.0052	7.14