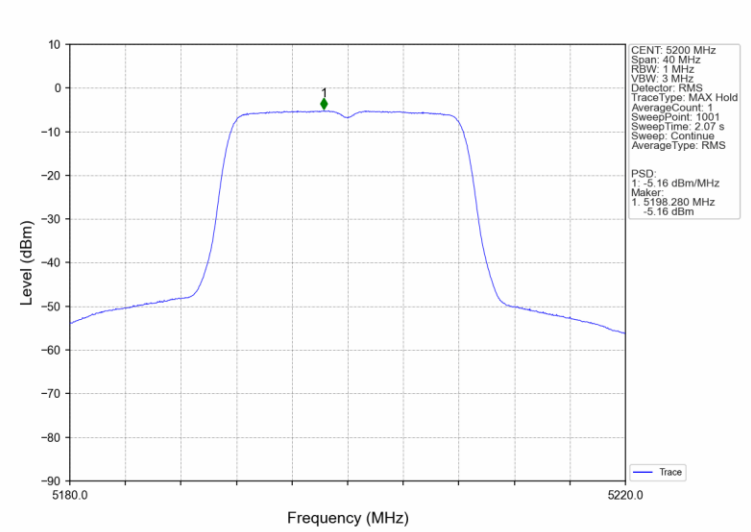
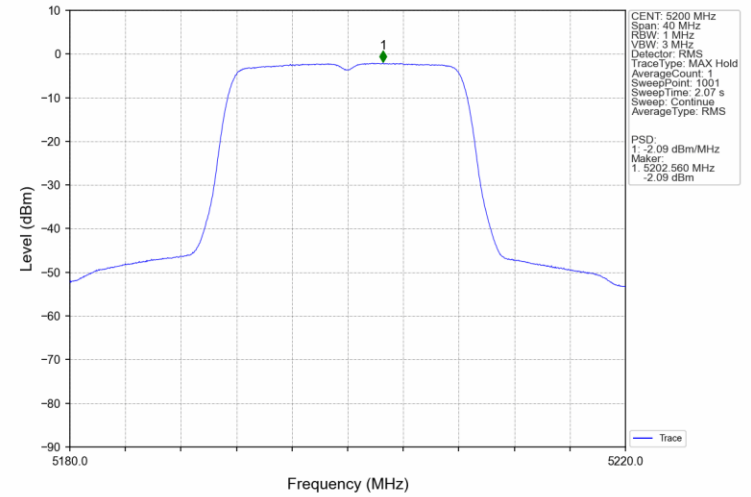
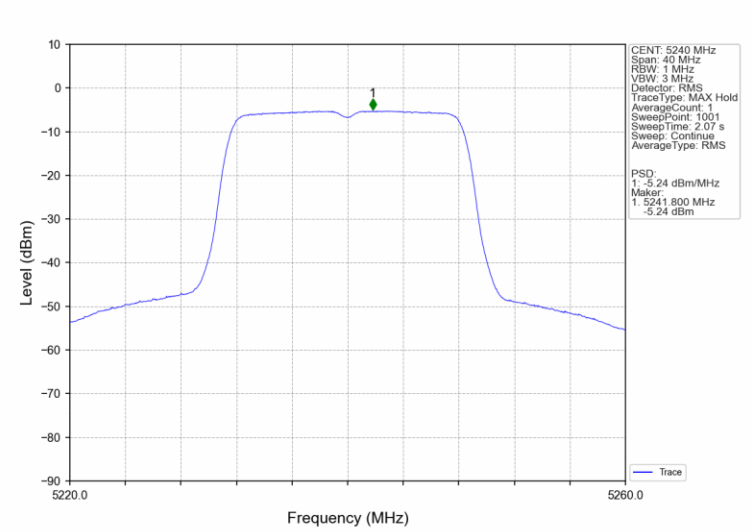
802.11a_MCH_5200MHz_Ant1_NTNV



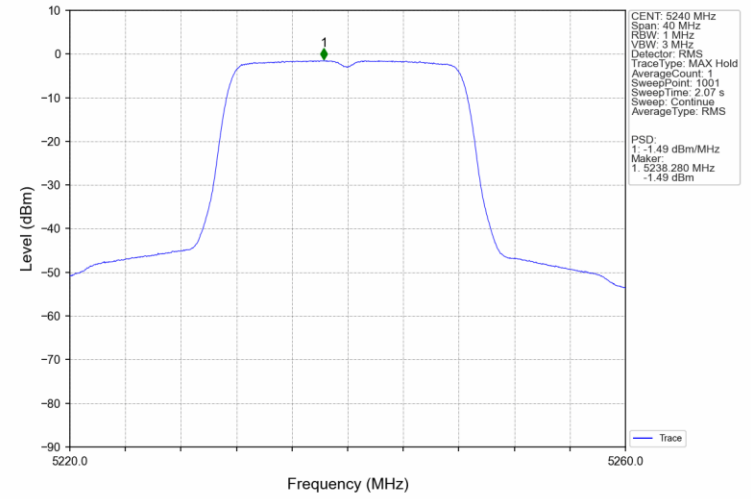
802.11a_MCH_5200MHz_Ant2_NTNV



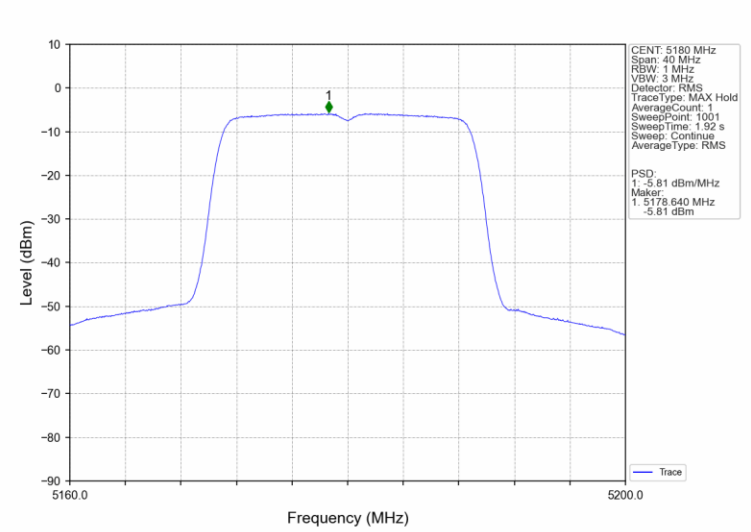
802.11a_HCH_5240MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant2_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



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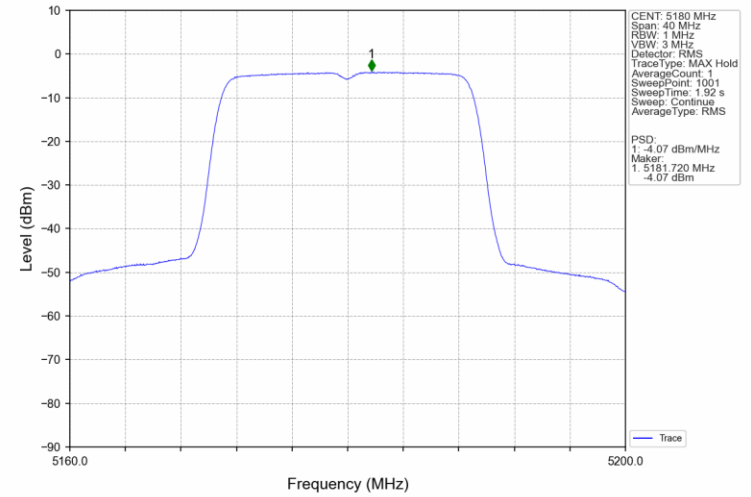
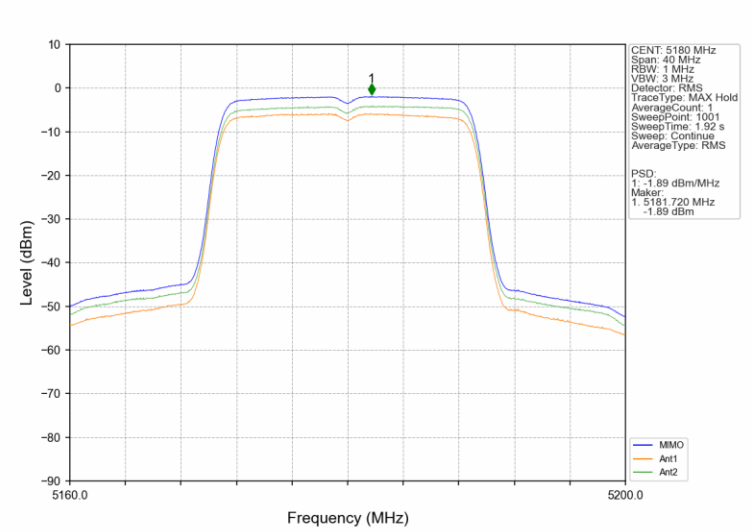
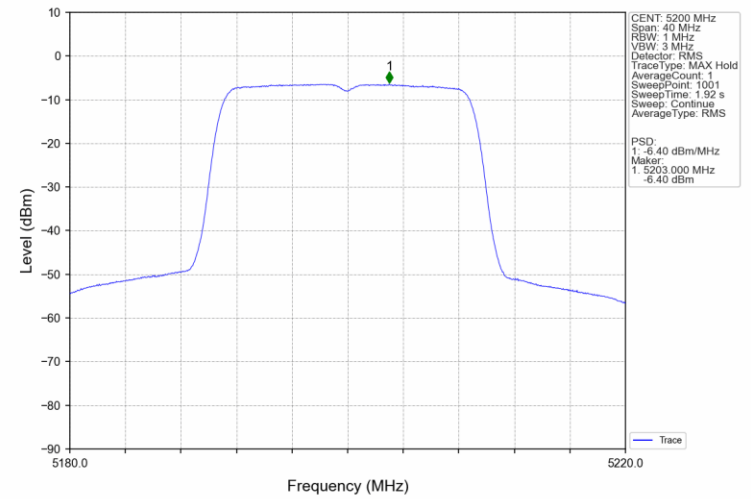


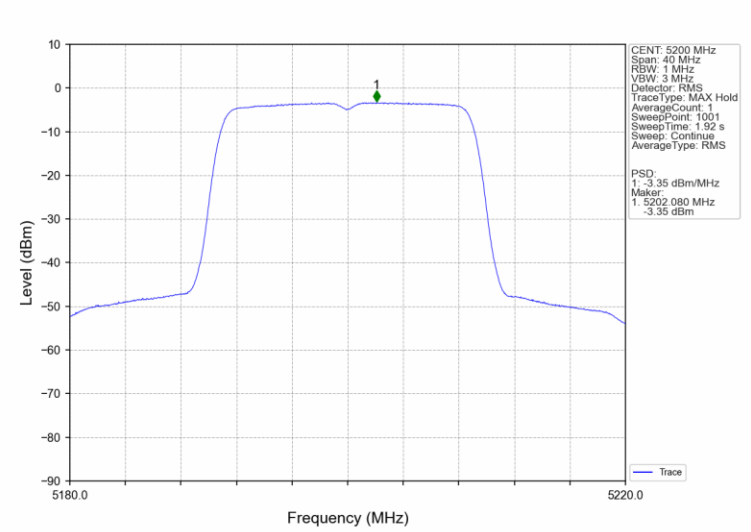
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



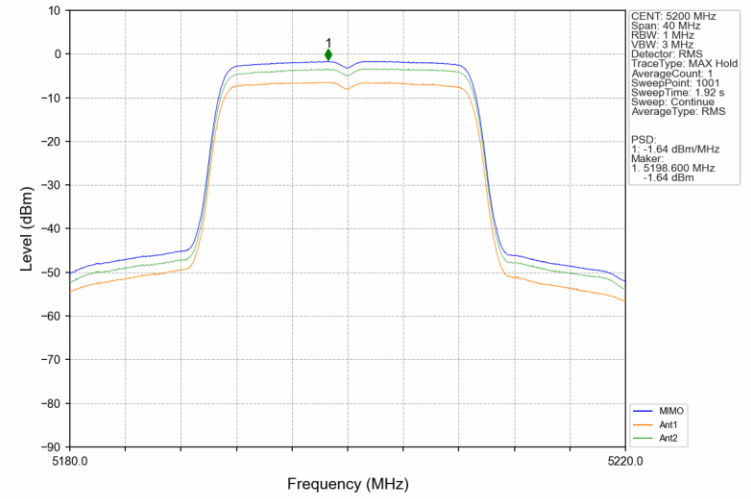
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



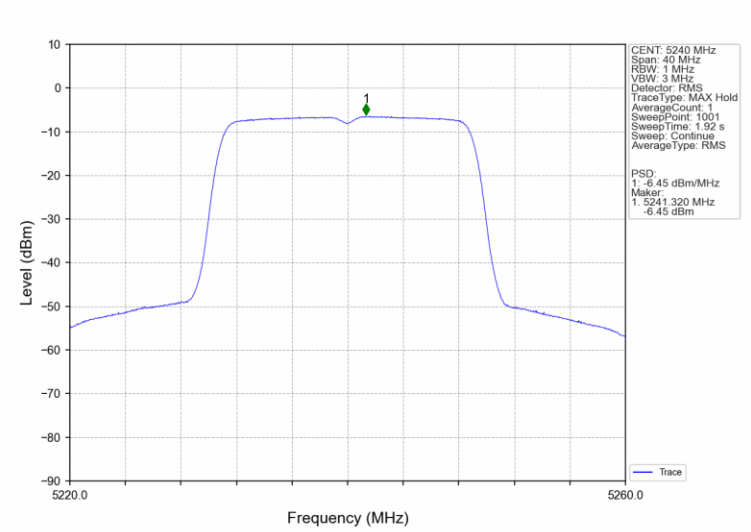
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



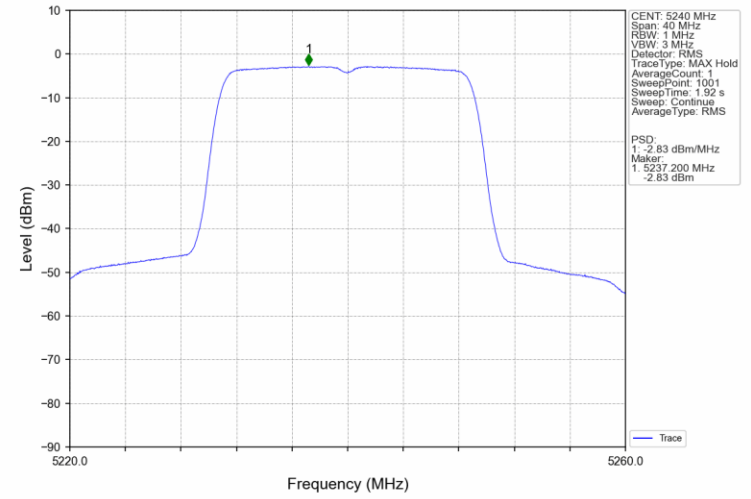
802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



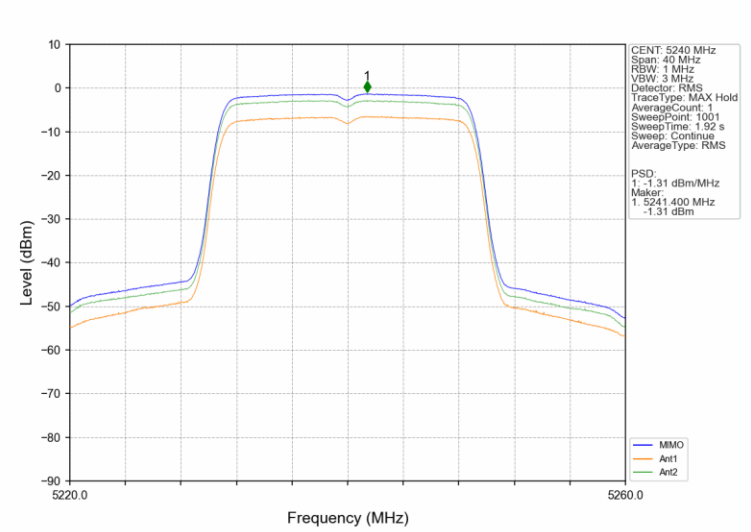
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



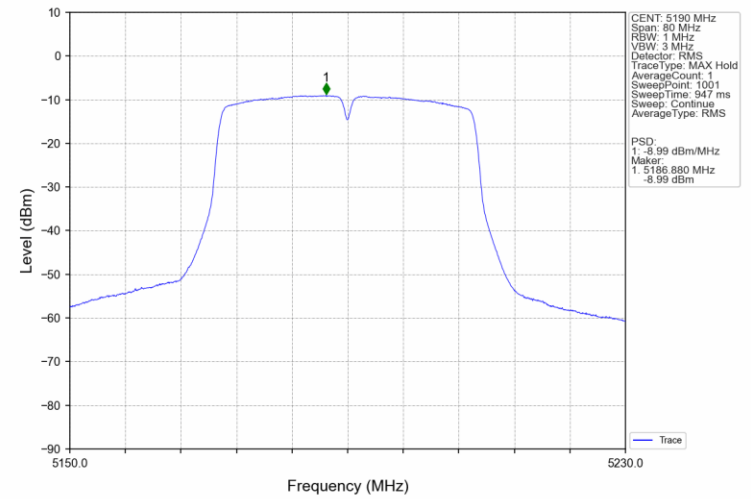
802.11n(HT20)_HCH_5240MHz_Ant2_NTNV



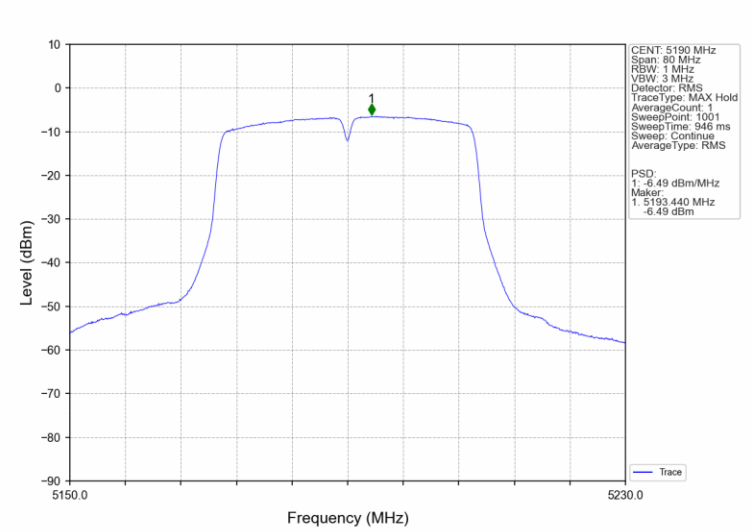
802.11n(HT20)_HCH_5240MHz_MIMO_NTNV



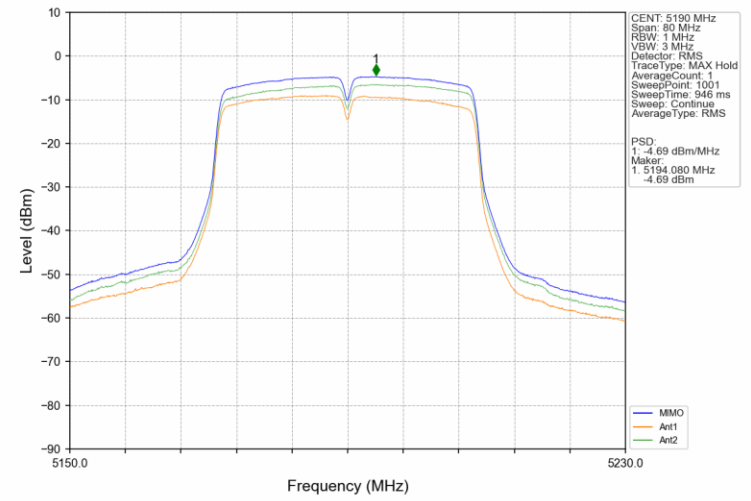
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



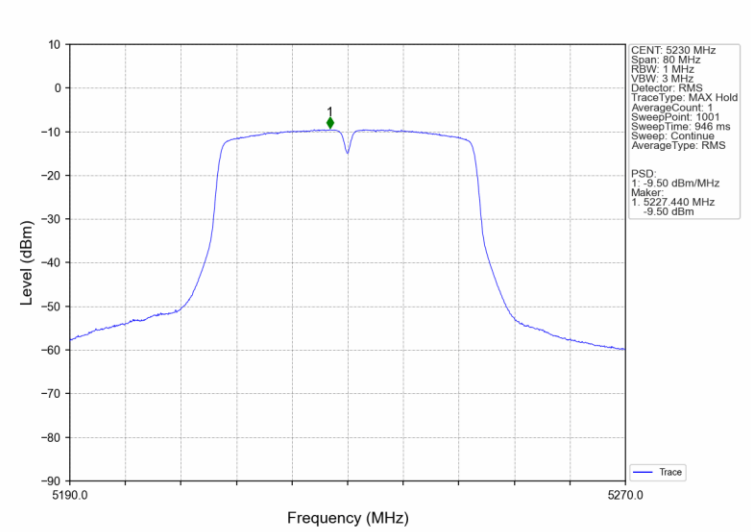
802.11n(HT40)_LCH_5190MHz_Ant2_NTNV



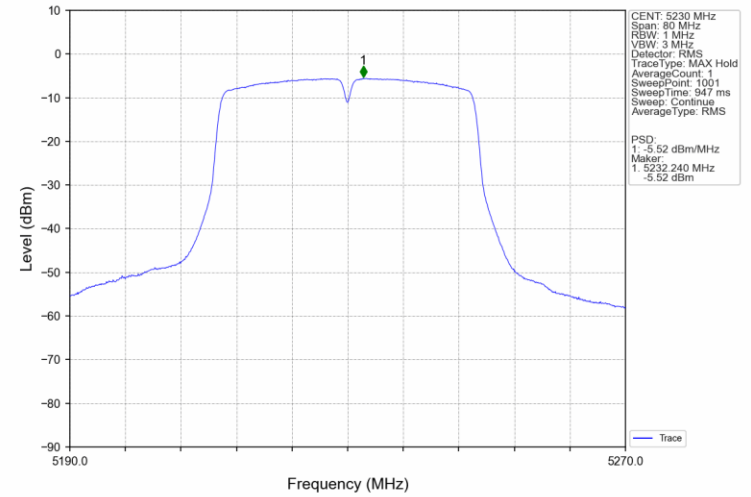
802.11n(HT40)_LCH_5190MHz_MIMO_NTNV



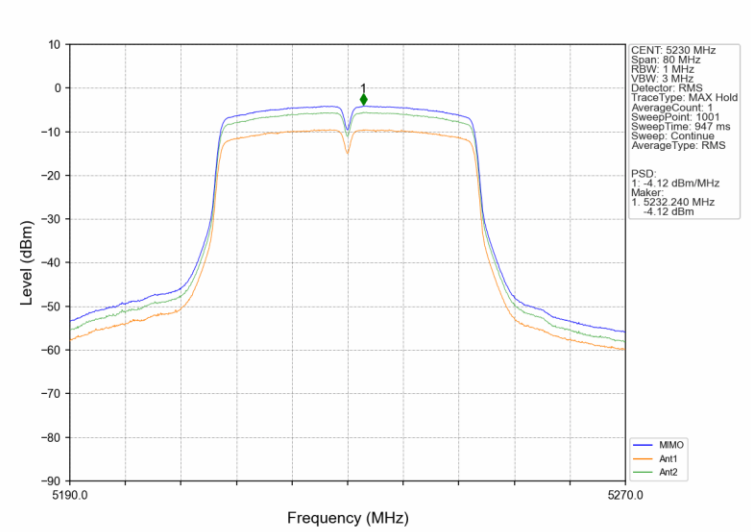
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



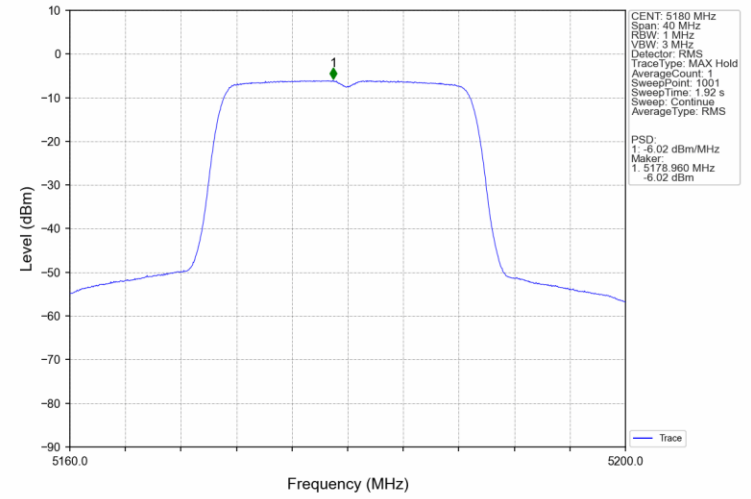
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



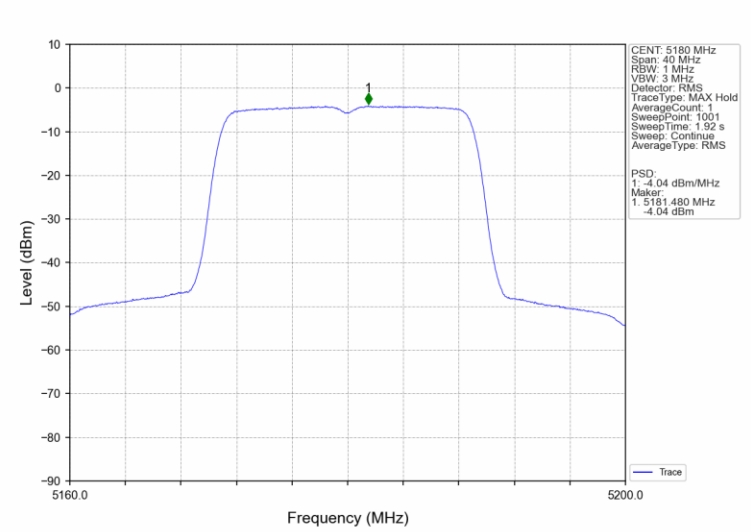
802.11n(HT40)_HCH_5230MHz_MIMO_NTNV



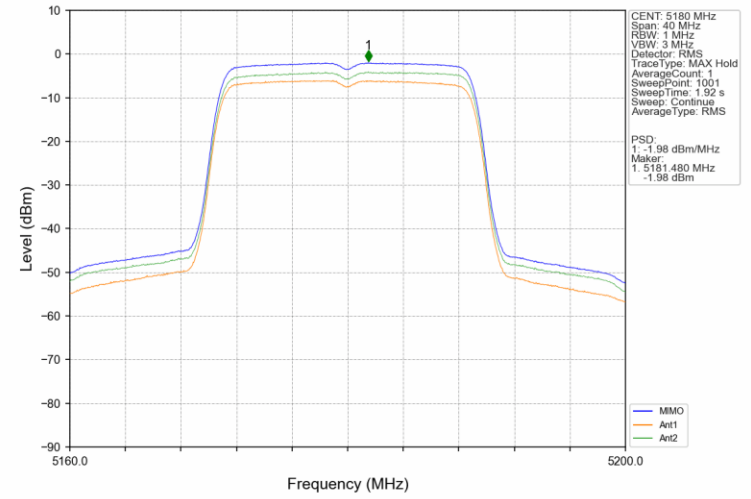
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



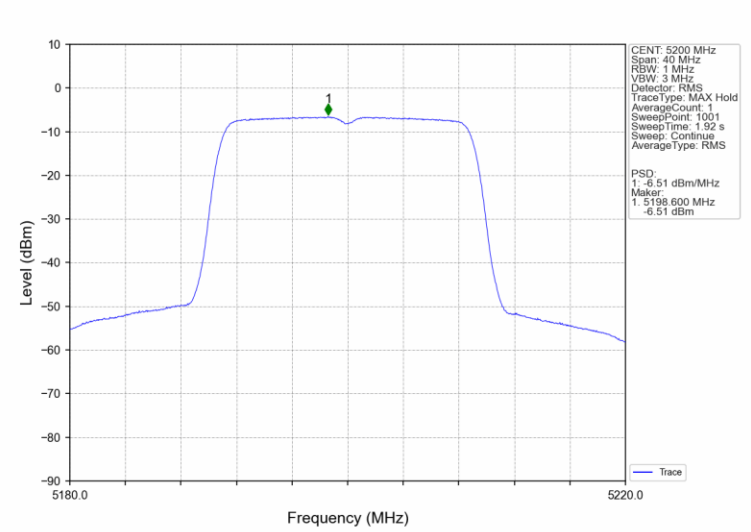
802.11ac(VHT20)_LCH_5180MHz_Ant2_NTNV



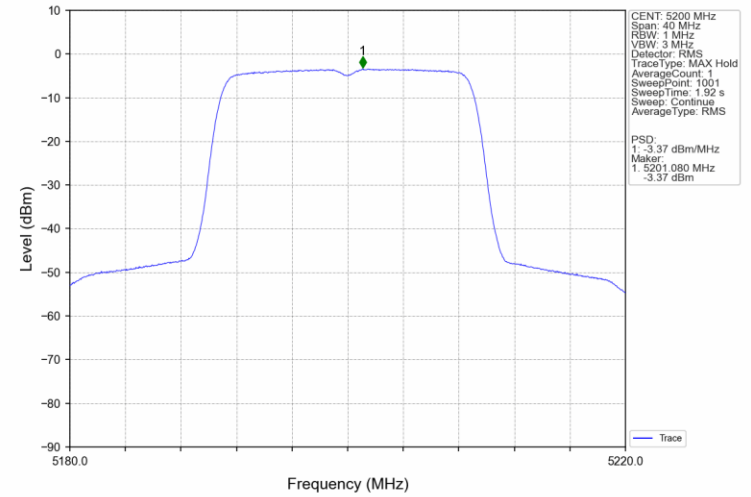
802.11ac(VHT20)_LCH_5180MHz_MIMO_NTNV



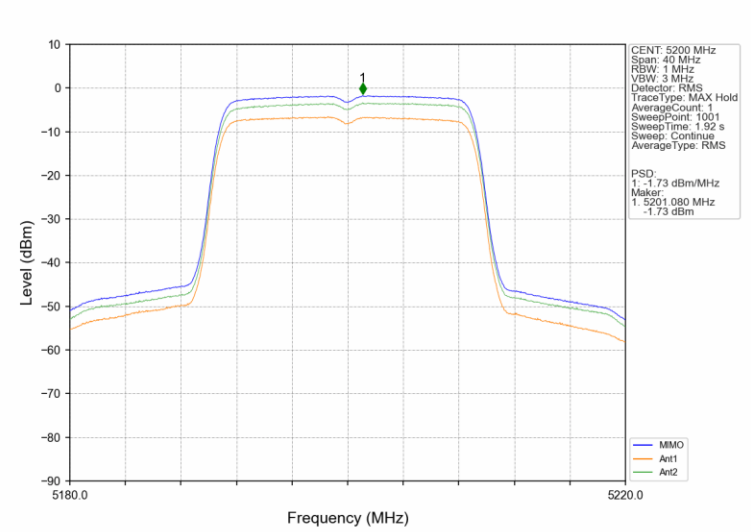
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



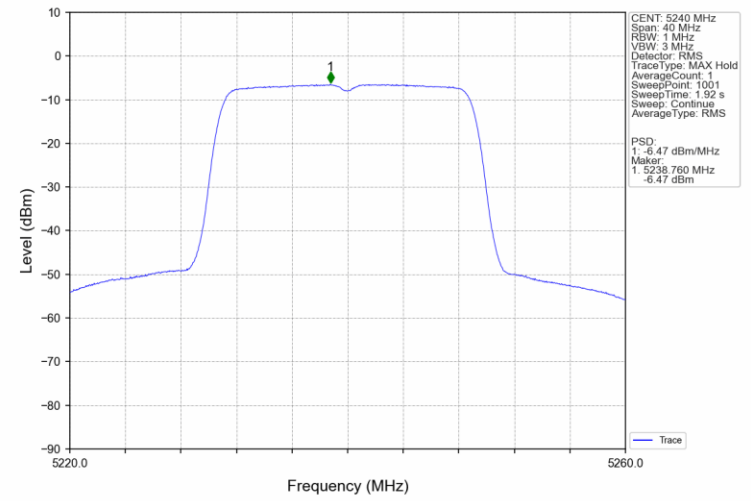
802.11ac(VHT20)_MCH_5200MHz_Ant2_NTNV



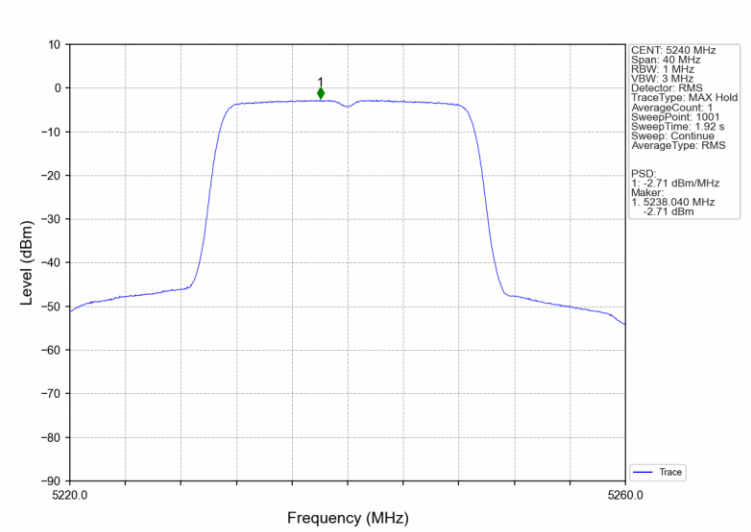
802.11ac(VHT20)_MCH_5200MHz_MIMO_NTNV



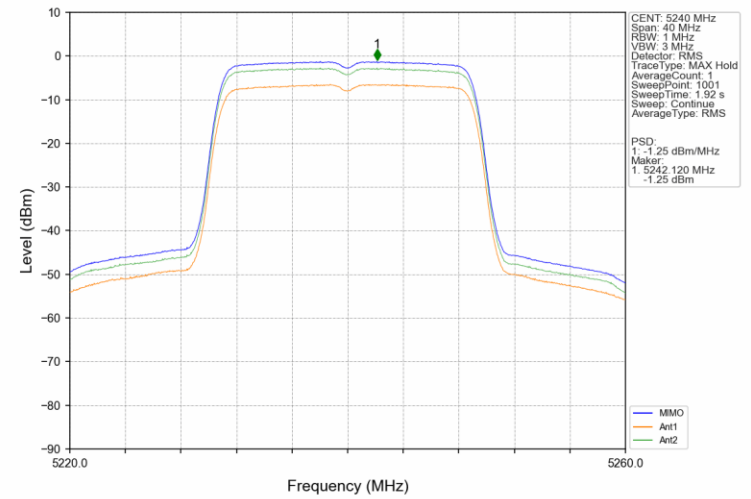
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



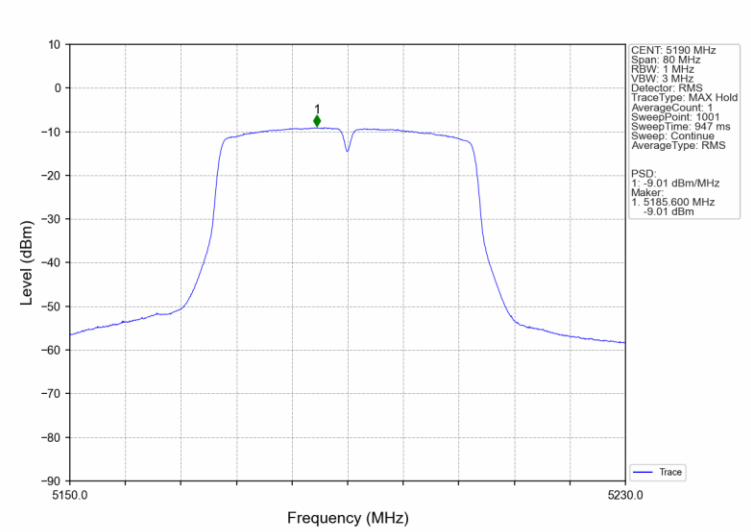
802.11ac(VHT20)_HCH_5240MHz_Ant2_NTNV



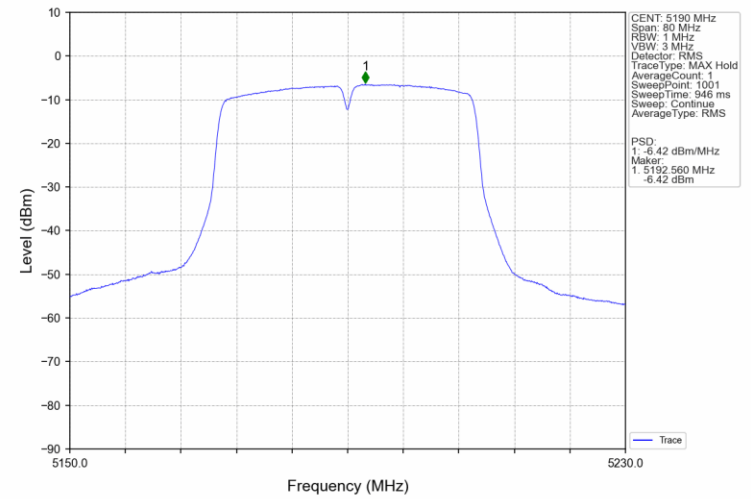
802.11ac(VHT20)_HCH_5240MHz_MIMO_NTNV



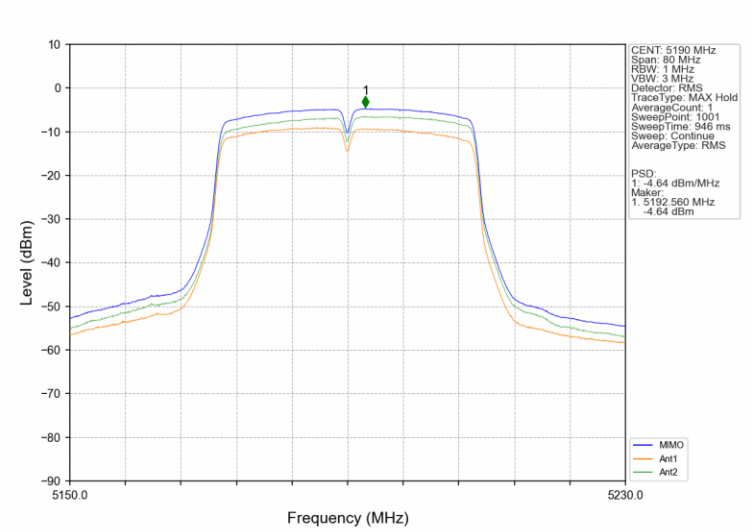
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



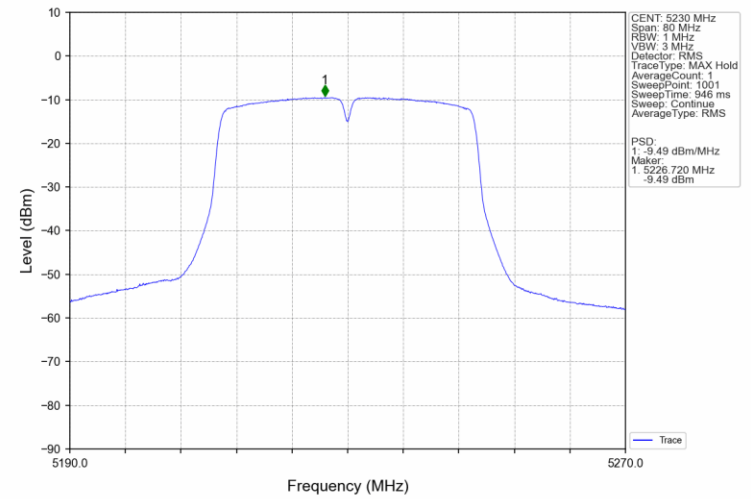
802.11ac(VHT40)_LCH_5190MHz_Ant2_NTNV



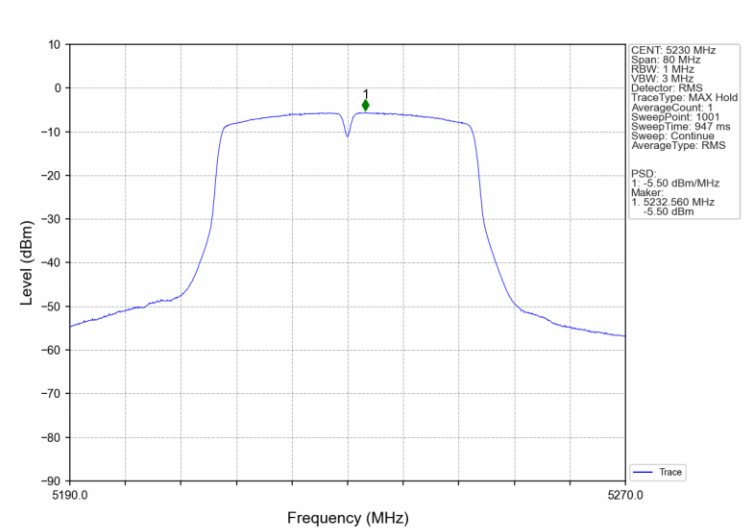
802.11ac(VHT40)_LCH_5190MHz_MIMO_NTNV



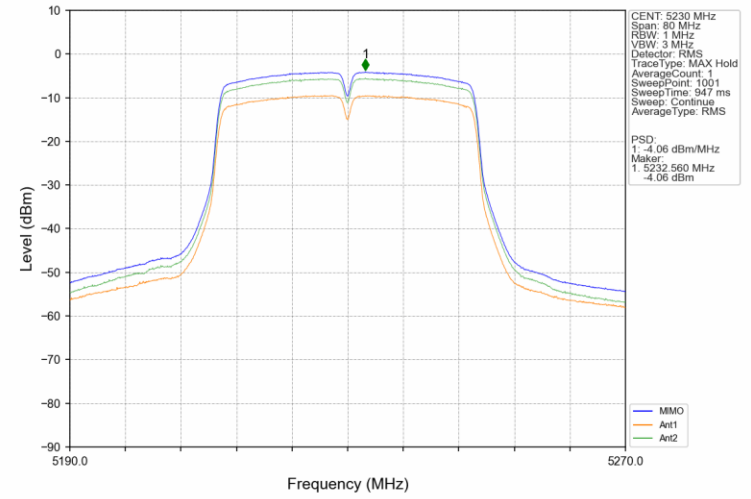
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



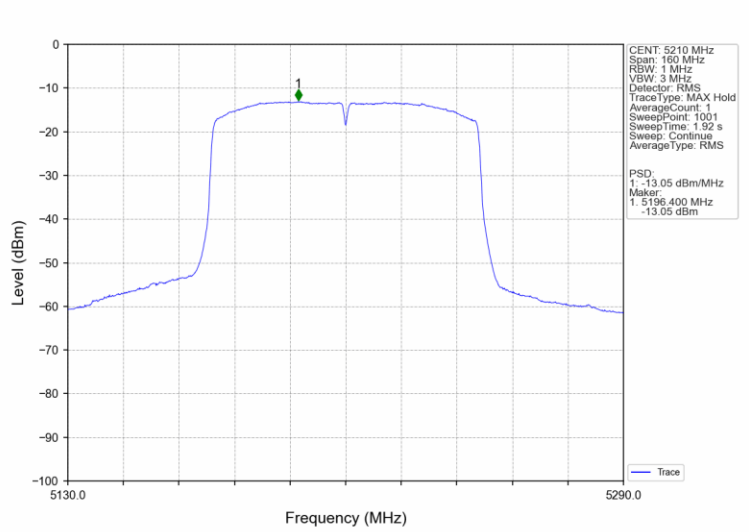
802.11ac(VHT40)_HCH_5230MHz_Ant2_NTNV



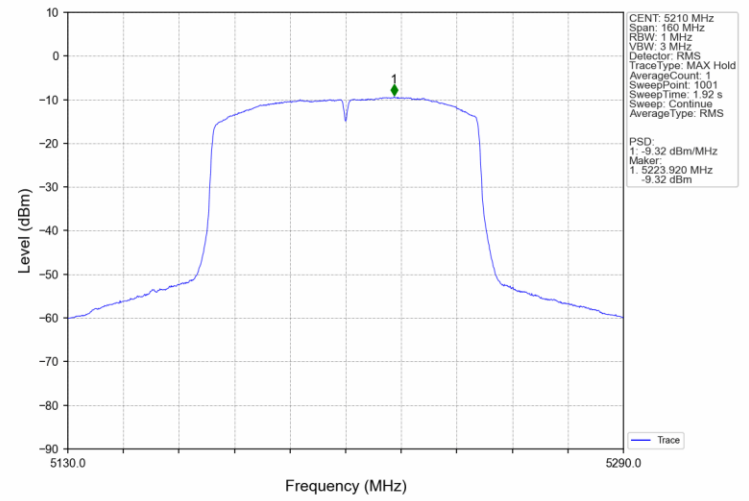
802.11ac(VHT40)_HCH_5230MHz_MIMO_NTNV



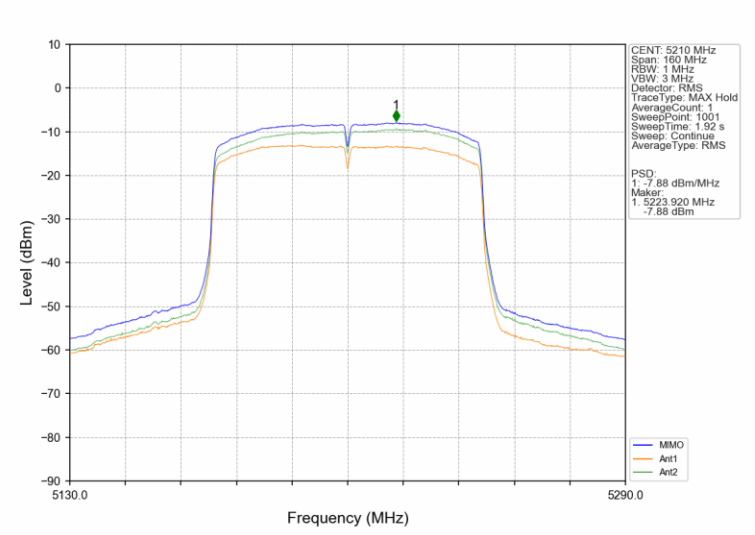
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant2_NTNV



802.11ac(VHT80)_MCH_5210MHz_MIMO_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	5179.987	5150 to 5250	Pass
				120	5179.987	5150 to 5250	Pass
				138	5179.987	5150 to 5250	Pass
			-30	120	5179.987	5150 to 5250	Pass
			-20	120	5179.987	5150 to 5250	Pass
			-10	120	5179.987	5150 to 5250	Pass
			0	120	5179.986	5150 to 5250	Pass
			10	120	5179.986	5150 to 5250	Pass
			30	120	5179.986	5150 to 5250	Pass
			40	120	5179.986	5150 to 5250	Pass
			50	120	5179.986	5150 to 5250	Pass
		5200	20	102	5199.987	5150 to 5250	Pass
				120	5199.987	5150 to 5250	Pass
				138	5199.987	5150 to 5250	Pass
			-30	120	5199.987	5150 to 5250	Pass
			-20	120	5199.987	5150 to 5250	Pass
			-10	120	5199.987	5150 to 5250	Pass
			0	120	5199.987	5150 to 5250	Pass
			10	120	5199.987	5150 to 5250	Pass
			30	120	5199.987	5150 to 5250	Pass
			40	120	5199.987	5150 to 5250	Pass
			50	120	5199.987	5150 to 5250	Pass
		5240	20	102	5239.986	5150 to 5250	Pass
				120	5239.986	5150 to 5250	Pass
				138	5239.986	5150 to 5250	Pass
			-30	120	5239.986	5150 to 5250	Pass
			-20	120	5239.986	5150 to 5250	Pass
			-10	120	5239.986	5150 to 5250	Pass
			0	120	5239.986	5150 to 5250	Pass
			10	120	5239.986	5150 to 5250	Pass
			30	120	5239.986	5150 to 5250	Pass
			40	120	5239.986	5150 to 5250	Pass
			50	120	5239.986	5150 to 5250	Pass
	MIMO	5190	20	102	5189.990	5150 to 5250	Pass
				120	5189.990	5150 to 5250	Pass
				138	5189.990	5150 to 5250	Pass
			-30	120	5189.990	5150 to 5250	Pass
			-20	120	5189.990	5150 to 5250	Pass
			-10	120	5189.990	5150 to 5250	Pass
			0	120	5189.990	5150 to 5250	Pass
			10	120	5189.990	5150 to 5250	Pass
			30	120	5189.990	5150 to 5250	Pass
			40	120	5189.990	5150 to 5250	Pass
			50	120	5189.990	5150 to 5250	Pass
		5230	20	102	5229.990	5150 to 5250	Pass
				120	5229.989	5150 to 5250	Pass

				138	5229.989	5150 to 5250	Pass
			-30	120	5229.989	5150 to 5250	Pass
			-20	120	5229.989	5150 to 5250	Pass
			-10	120	5229.989	5150 to 5250	Pass
			0	120	5229.989	5150 to 5250	Pass
			10	120	5229.989	5150 to 5250	Pass
			30	120	5229.989	5150 to 5250	Pass
			40	120	5229.989	5150 to 5250	Pass
			50	120	5229.989	5150 to 5250	Pass
		5210	20	102	5209.987	5150 to 5250	Pass
				120	5209.987	5150 to 5250	Pass
				138	5209.987	5150 to 5250	Pass
			-30	120	5209.987	5150 to 5250	Pass
			-20	120	5209.987	5150 to 5250	Pass
			-10	120	5209.987	5150 to 5250	Pass
			0	120	5209.987	5150 to 5250	Pass
			10	120	5209.987	5150 to 5250	Pass
			30	120	5209.987	5150 to 5250	Pass
			40	120	5209.987	5150 to 5250	Pass
			50	120	5209.987	5150 to 5250	Pass

5.1.2 Ant2

Ant2							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5180	20	102	5179.993	5150 to 5250	Pass
				120	5179.992	5150 to 5250	Pass
				138	5179.992	5150 to 5250	Pass
			-30	120	5179.992	5150 to 5250	Pass
			-20	120	5179.992	5150 to 5250	Pass
			-10	120	5179.992	5150 to 5250	Pass
			0	120	5179.992	5150 to 5250	Pass
			10	120	5179.992	5150 to 5250	Pass
			30	120	5179.992	5150 to 5250	Pass
			40	120	5179.992	5150 to 5250	Pass
			50	120	5179.992	5150 to 5250	Pass
		5200	20	102	5199.992	5150 to 5250	Pass
				120	5199.992	5150 to 5250	Pass
				138	5199.991	5150 to 5250	Pass
			-30	120	5199.991	5150 to 5250	Pass
			-20	120	5199.991	5150 to 5250	Pass
			-10	120	5199.991	5150 to 5250	Pass
			0	120	5199.991	5150 to 5250	Pass
			10	120	5199.991	5150 to 5250	Pass
			30	120	5199.991	5150 to 5250	Pass
			40	120	5199.991	5150 to 5250	Pass
			50	120	5199.991	5150 to 5250	Pass
		5240	20	102	5239.991	5150 to 5250	Pass
				120	5239.991	5150 to 5250	Pass
				138	5239.991	5150 to 5250	Pass
			-30	120	5239.991	5150 to 5250	Pass
			-20	120	5239.991	5150 to 5250	Pass
			-10	120	5239.991	5150 to 5250	Pass
			0	120	5239.991	5150 to 5250	Pass
			10	120	5239.990	5150 to 5250	Pass
			30	120	5239.990	5150 to 5250	Pass
			40	120	5239.990	5150 to 5250	Pass

			50	120	5239.990	5150 to 5250	Pass
	MIMO	5190	20	102	5189.988	5150 to 5250	Pass
				120	5189.988	5150 to 5250	Pass
				138	5189.988	5150 to 5250	Pass
			-30	120	5189.988	5150 to 5250	Pass
			-20	120	5189.988	5150 to 5250	Pass
			-10	120	5189.988	5150 to 5250	Pass
			0	120	5189.988	5150 to 5250	Pass
			10	120	5189.988	5150 to 5250	Pass
			30	120	5189.988	5150 to 5250	Pass
			40	120	5189.988	5150 to 5250	Pass
			50	120	5189.988	5150 to 5250	Pass
		5230	20	102	5229.988	5150 to 5250	Pass
				120	5229.988	5150 to 5250	Pass
				138	5229.988	5150 to 5250	Pass
			-30	120	5229.987	5150 to 5250	Pass
			-20	120	5229.988	5150 to 5250	Pass
			-10	120	5229.987	5150 to 5250	Pass
			0	120	5229.987	5150 to 5250	Pass
			10	120	5229.987	5150 to 5250	Pass
			30	120	5229.987	5150 to 5250	Pass
			40	120	5229.987	5150 to 5250	Pass
			50	120	5229.987	5150 to 5250	Pass
		5210	20	102	5209.987	5150 to 5250	Pass
				120	5209.987	5150 to 5250	Pass
				138	5209.987	5150 to 5250	Pass
			-30	120	5209.987	5150 to 5250	Pass
			-20	120	5209.986	5150 to 5250	Pass
			-10	120	5209.986	5150 to 5250	Pass
			0	120	5209.986	5150 to 5250	Pass
			10	120	5209.986	5150 to 5250	Pass
			30	120	5209.986	5150 to 5250	Pass
			40	120	5209.986	5150 to 5250	Pass
			50	120	5209.986	5150 to 5250	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	0.0109	10.37
5190	5230	0.0105	10.20
5210	5210	0.0086	9.32