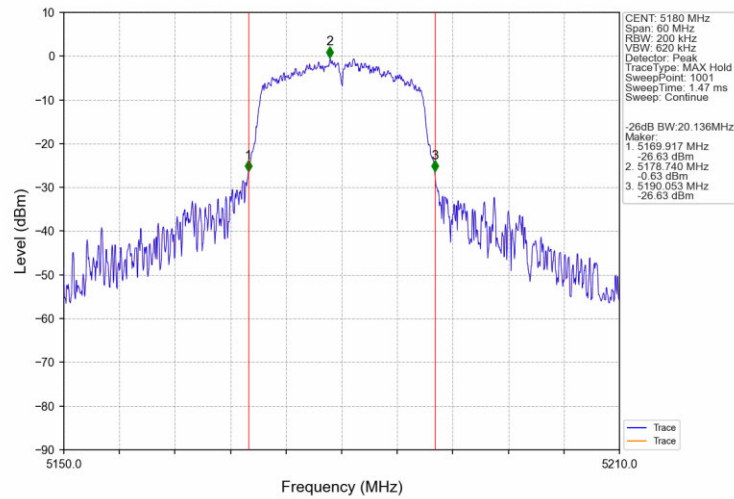
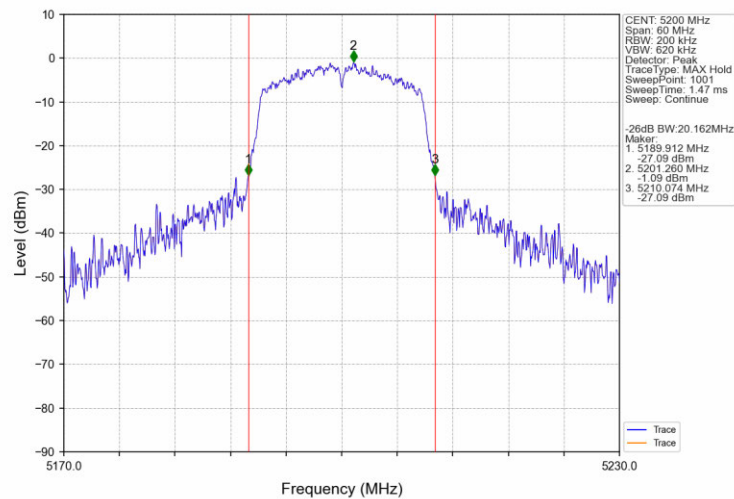


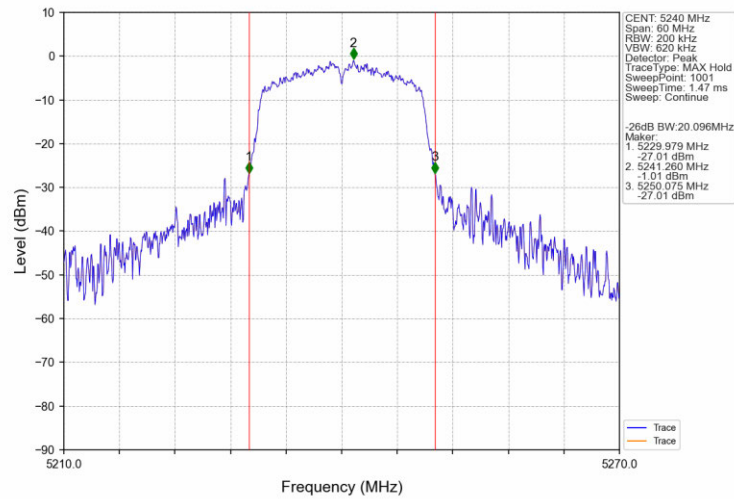
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



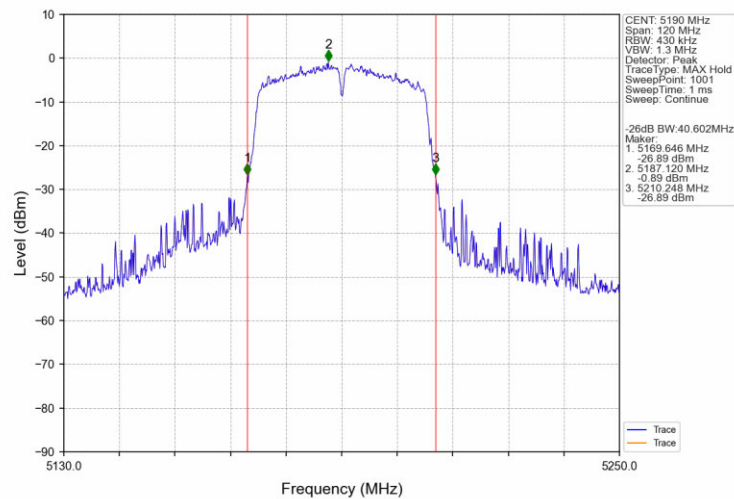
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



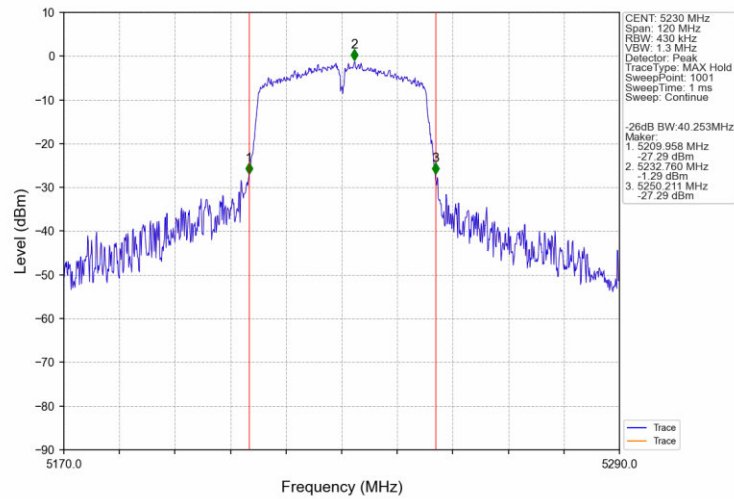
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



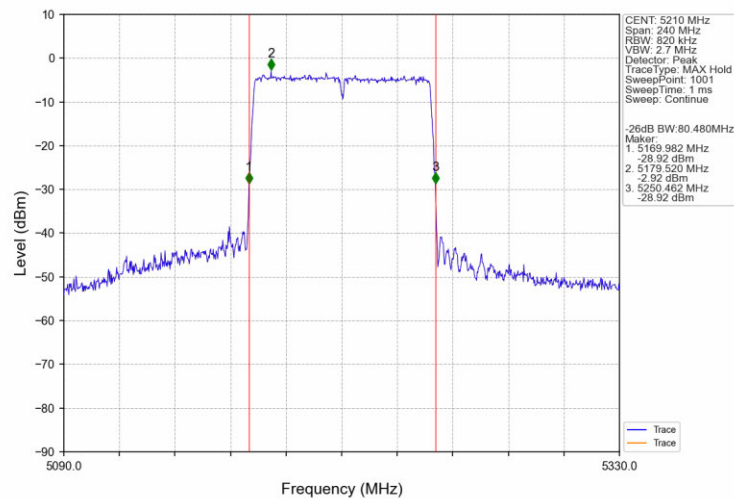
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

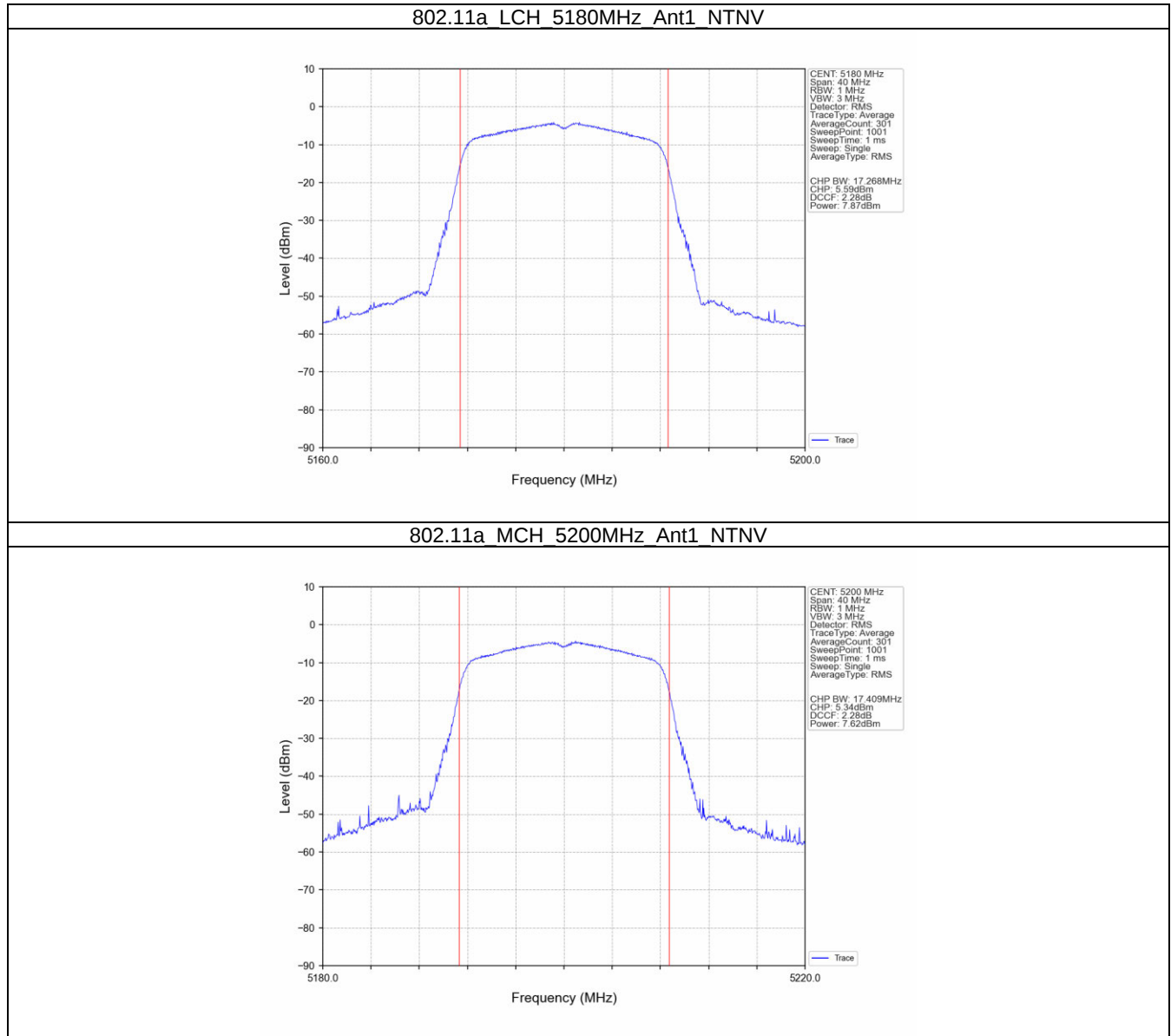
3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	7.87	≤ 23.98	Pass
		5200	7.62	≤ 23.98	Pass
		5240	7.55	≤ 23.98	Pass
		5745	11.25	≤ 30	Pass
		5785	10.96	≤ 30	Pass
		5825	10.19	≤ 30	Pass
802.11n (HT20)	SISO	5180	8.00	≤ 23.98	Pass
		5200	7.34	≤ 23.98	Pass
		5240	7.55	≤ 23.98	Pass
		5745	11.16	≤ 30	Pass
		5785	10.50	≤ 30	Pass
		5825	9.96	≤ 30	Pass
802.11n (HT40)	SISO	5190	8.10	≤ 23.98	Pass
		5230	6.82	≤ 23.98	Pass
		5755	10.88	≤ 30	Pass
		5795	10.59	≤ 30	Pass
802.11ac (VHT20)	SISO	5180	7.88	≤ 23.98	Pass
		5200	7.46	≤ 23.98	Pass
		5240	7.53	≤ 23.98	Pass
		5745	10.98	≤ 30	Pass
		5785	11.02	≤ 30	Pass
		5825	9.76	≤ 30	Pass
802.11ac (VHT40)	SISO	5190	7.85	≤ 23.98	Pass
		5230	7.30	≤ 23.98	Pass
		5755	10.98	≤ 30	Pass
		5795	10.72	≤ 30	Pass
802.11ac (VHT80)	SISO	5210	7.43	≤ 23.98	Pass
		5775	10.64	≤ 30	Pass

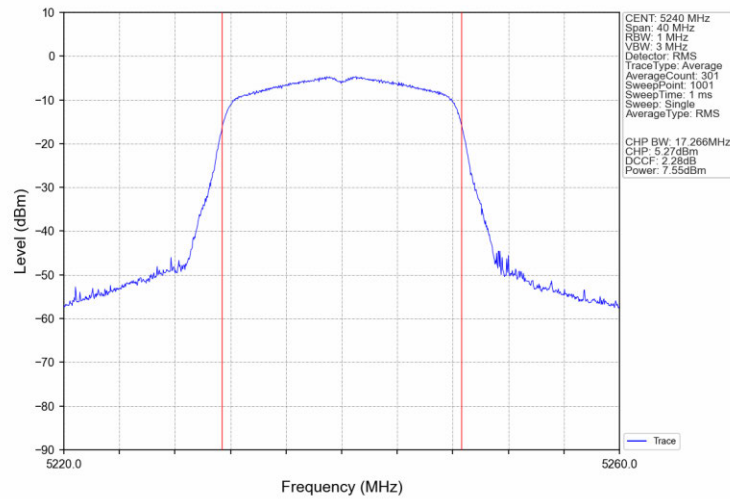
Note1: Antenna Gain: Ant1: 0.62dBi;

3.2 Test Graph

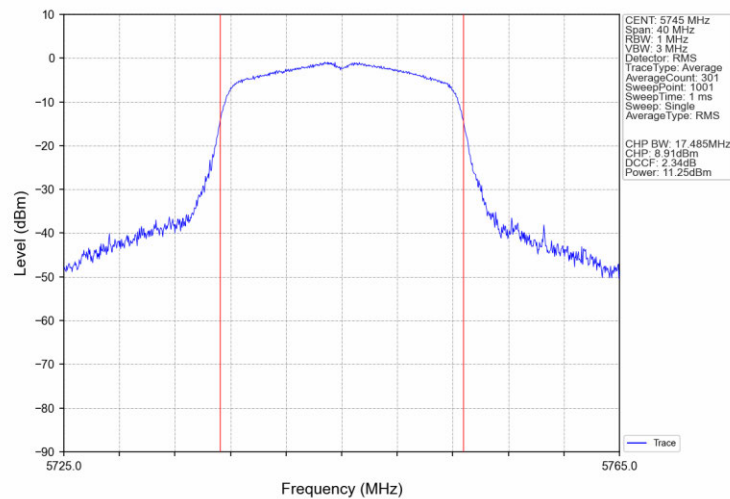
3.2.1 Power



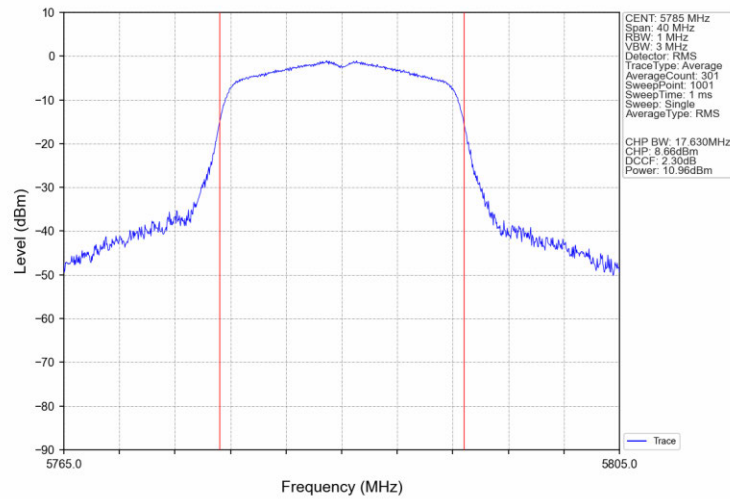
802.11a_HCH_5240MHz_Ant1_NTNV



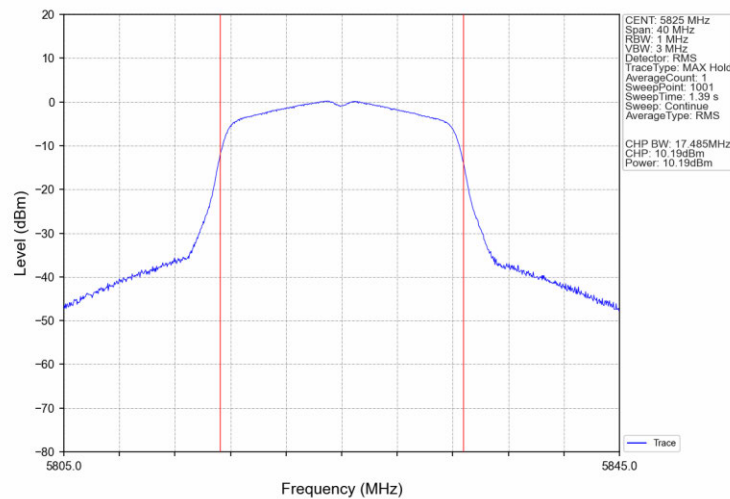
802.11a_LCH_5745MHz_Ant1_NTNV



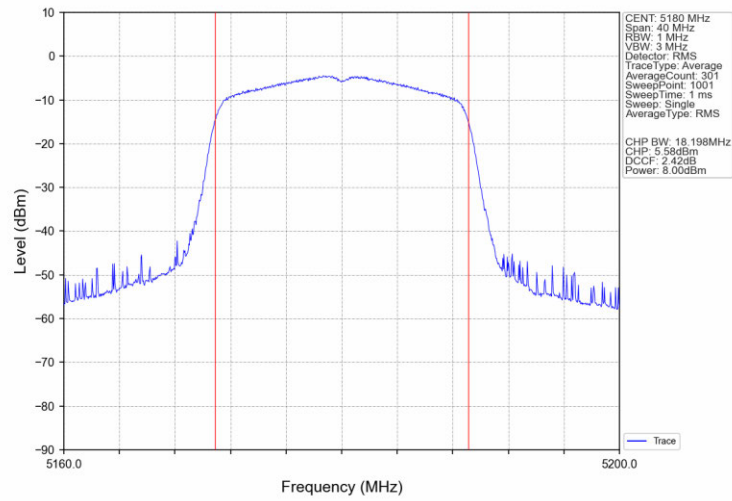
802.11a_MCH_5785MHz_Ant1_NTNV



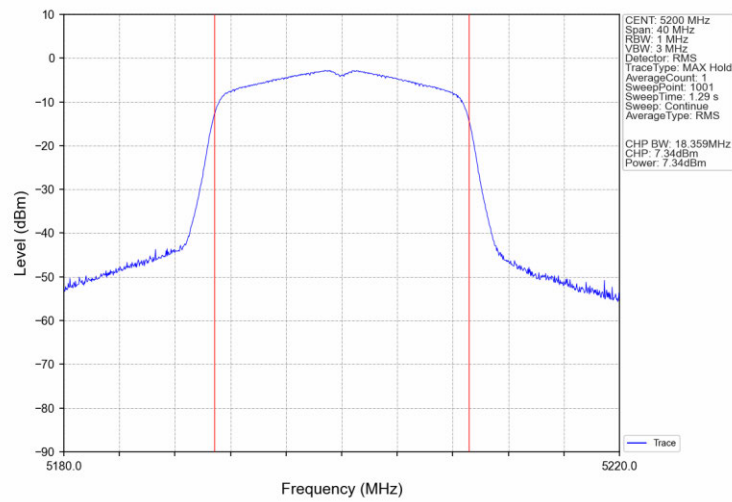
802.11a_HCH_5825MHz_Ant1_NTNV



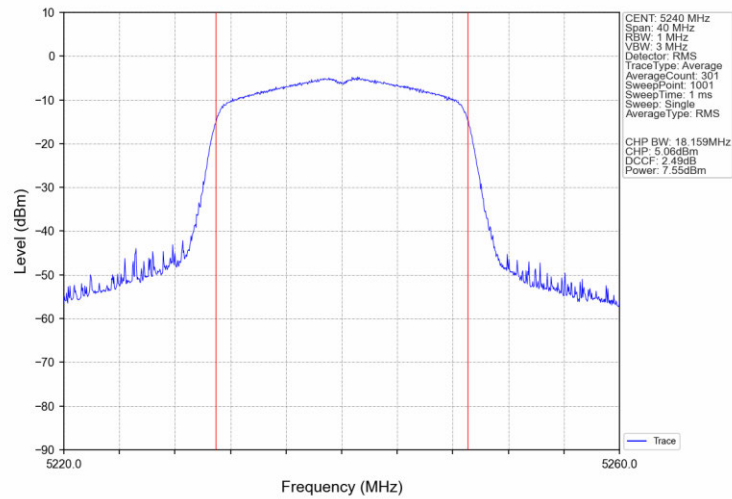
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



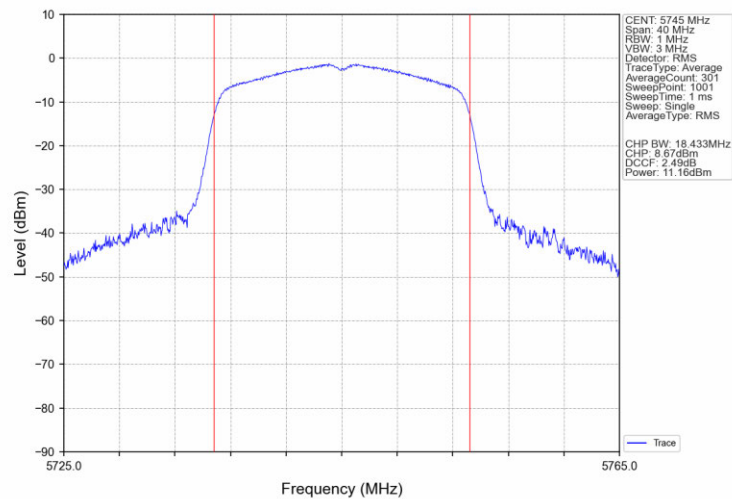
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



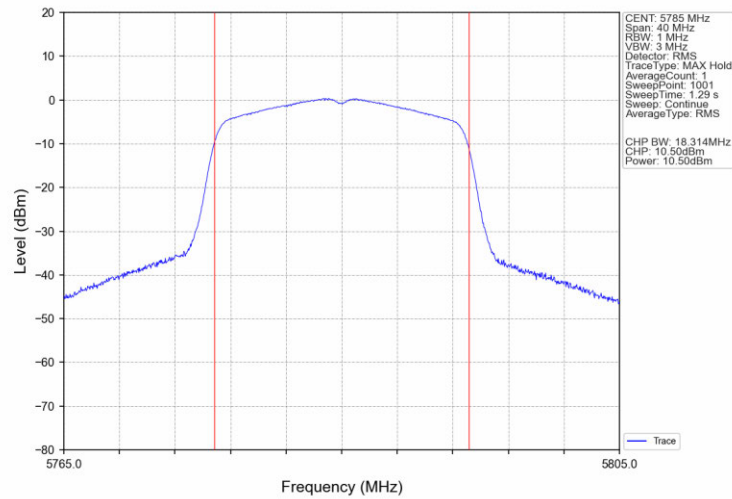
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



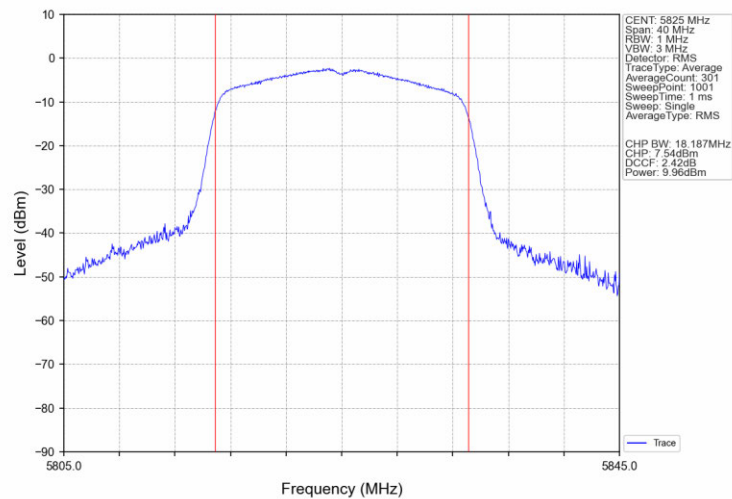
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



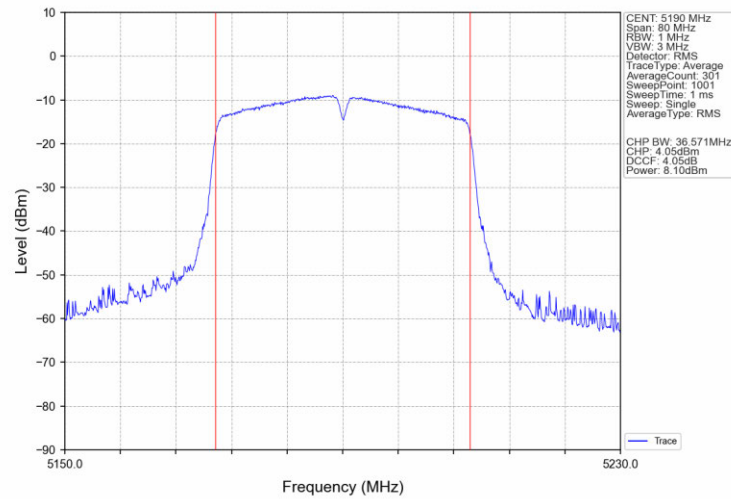
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



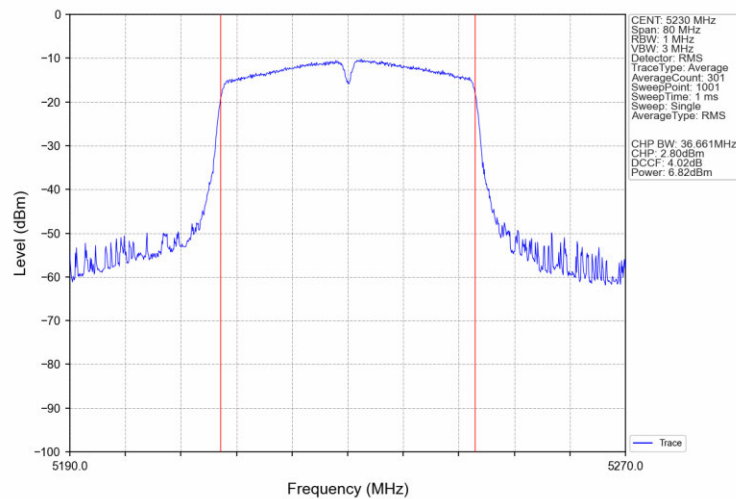
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



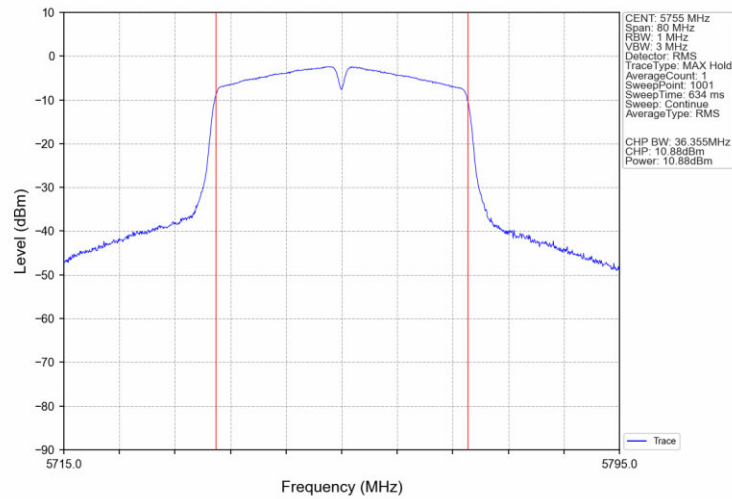
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



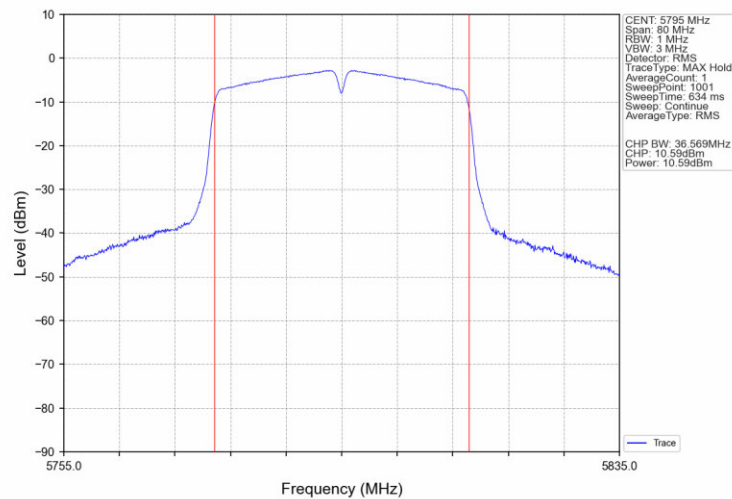
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



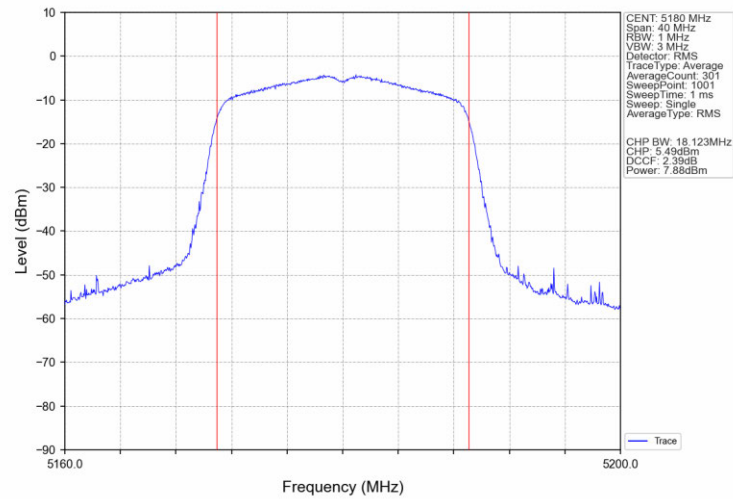
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



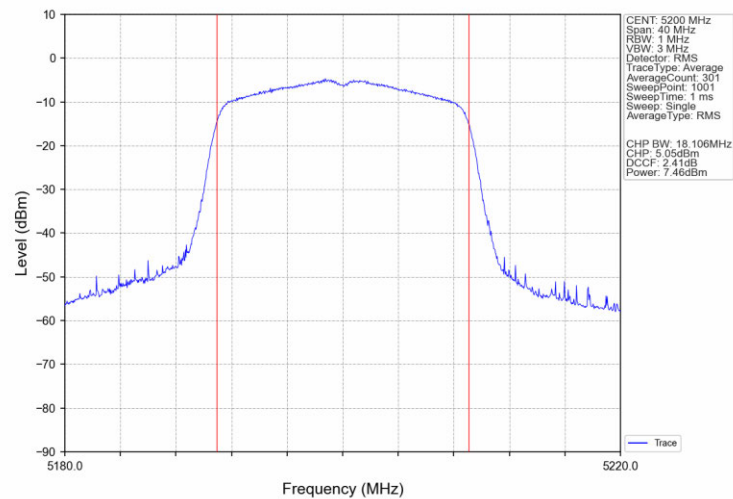
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



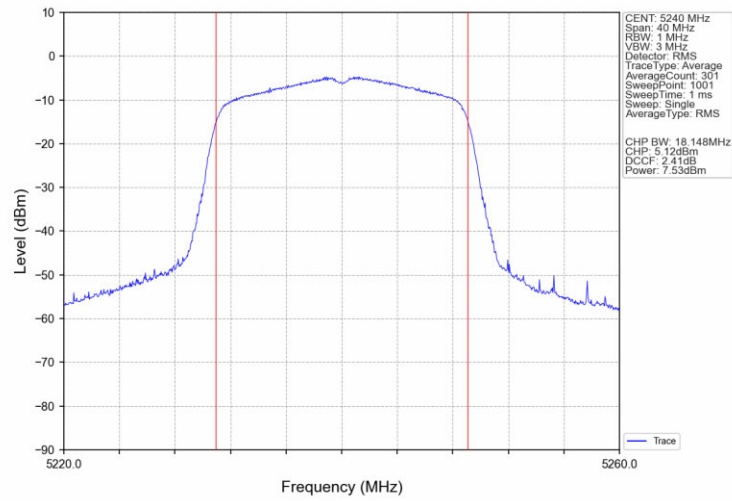
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



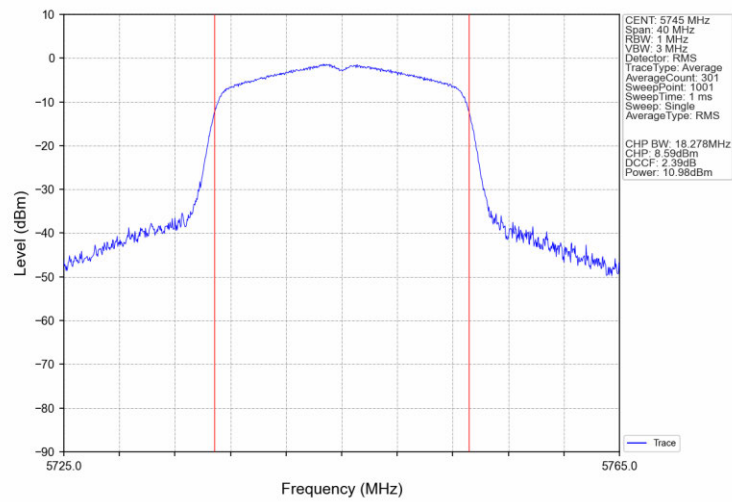
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



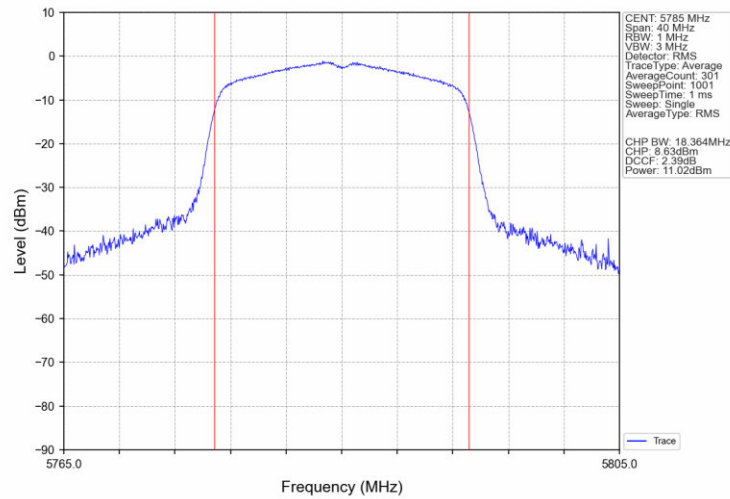
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



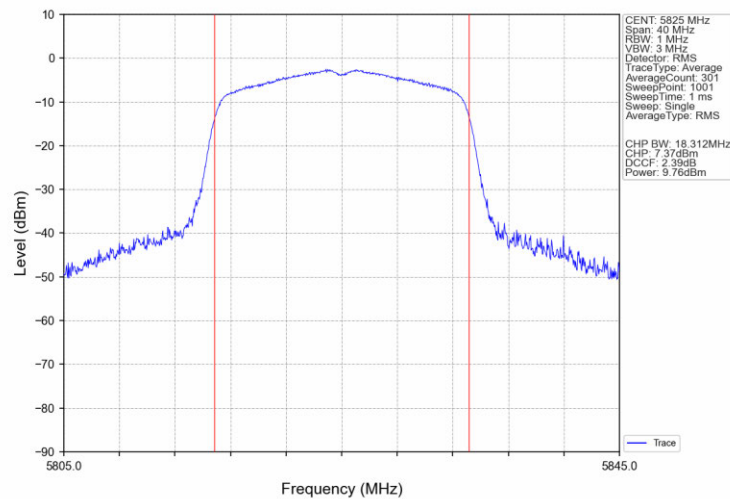
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



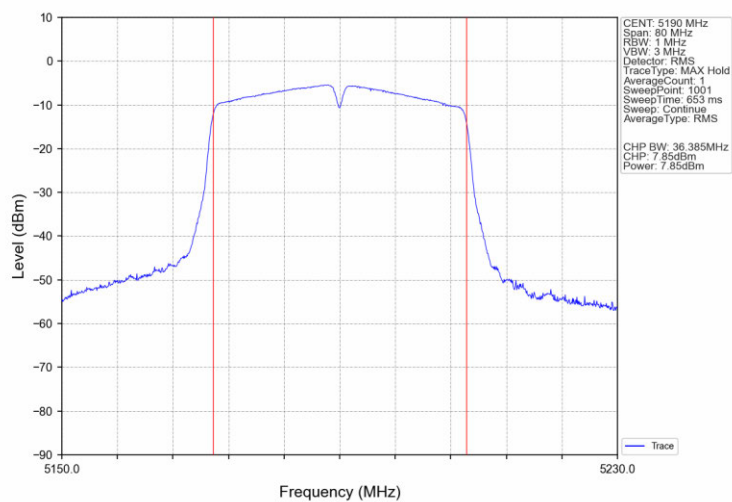
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



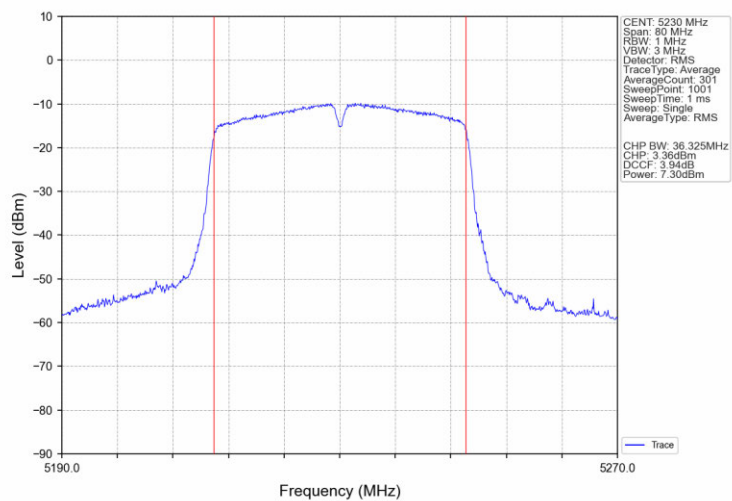
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



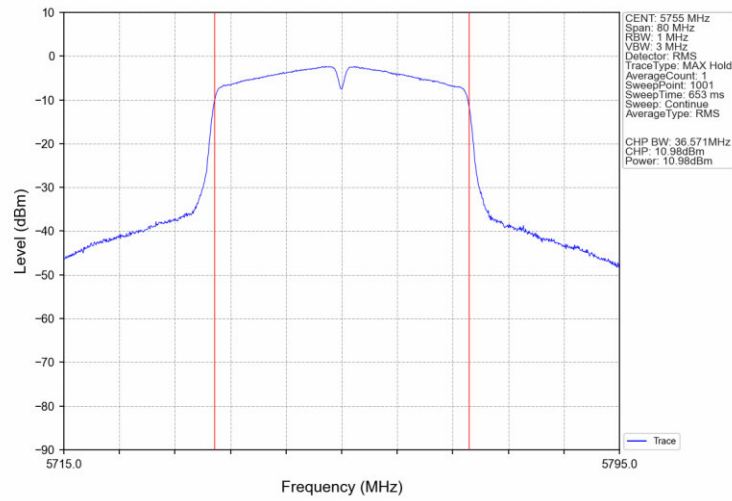
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



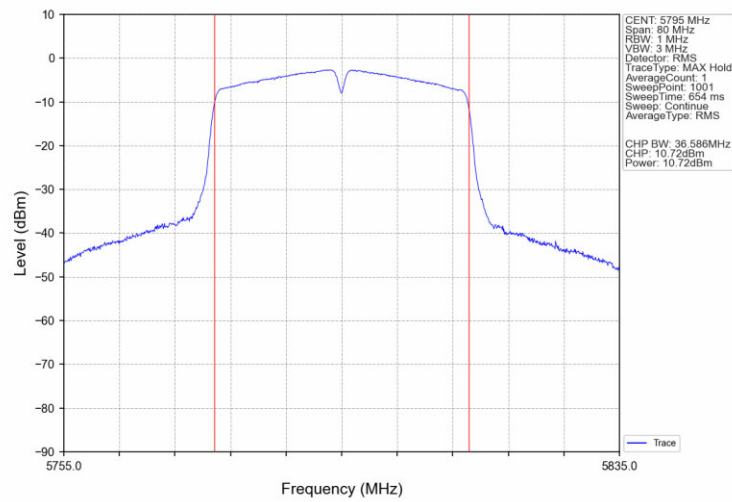
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



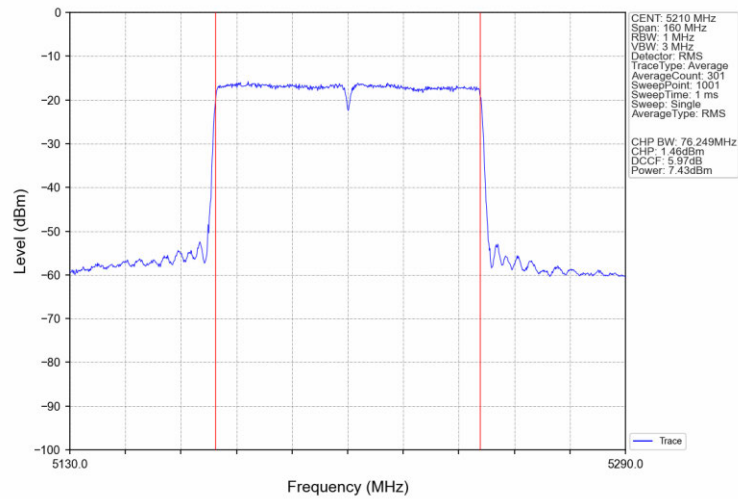
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



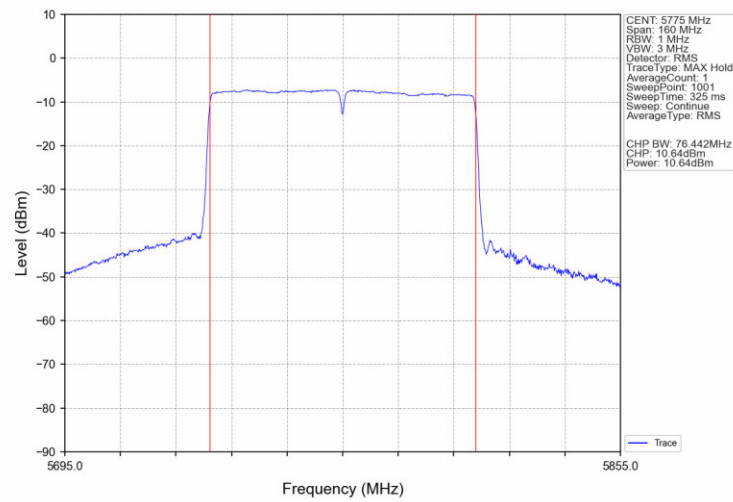
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-1.85	<=11	Pass
		5200	-2.53	<=11	Pass
		5240	-2.19	<=11	Pass
802.11n (HT20)	SISO	5180	-2.36	<=11	Pass
		5200	-2.76	<=11	Pass
		5240	-2.31	<=11	Pass
802.11n (HT40)	SISO	5190	-5.41	<=11	Pass
		5230	-5.19	<=11	Pass
802.11ac (VHT20)	SISO	5180	-2.10	<=11	Pass
		5200	-2.40	<=11	Pass
		5240	-2.38	<=11	Pass
802.11ac (VHT40)	SISO	5190	-5.39	<=11	Pass
		5230	-5.61	<=11	Pass
802.11ac (VHT80)	SISO	5210	-10.10	<=11	Pass

Note1: Antenna Gain: Ant1: 0.62dBi;

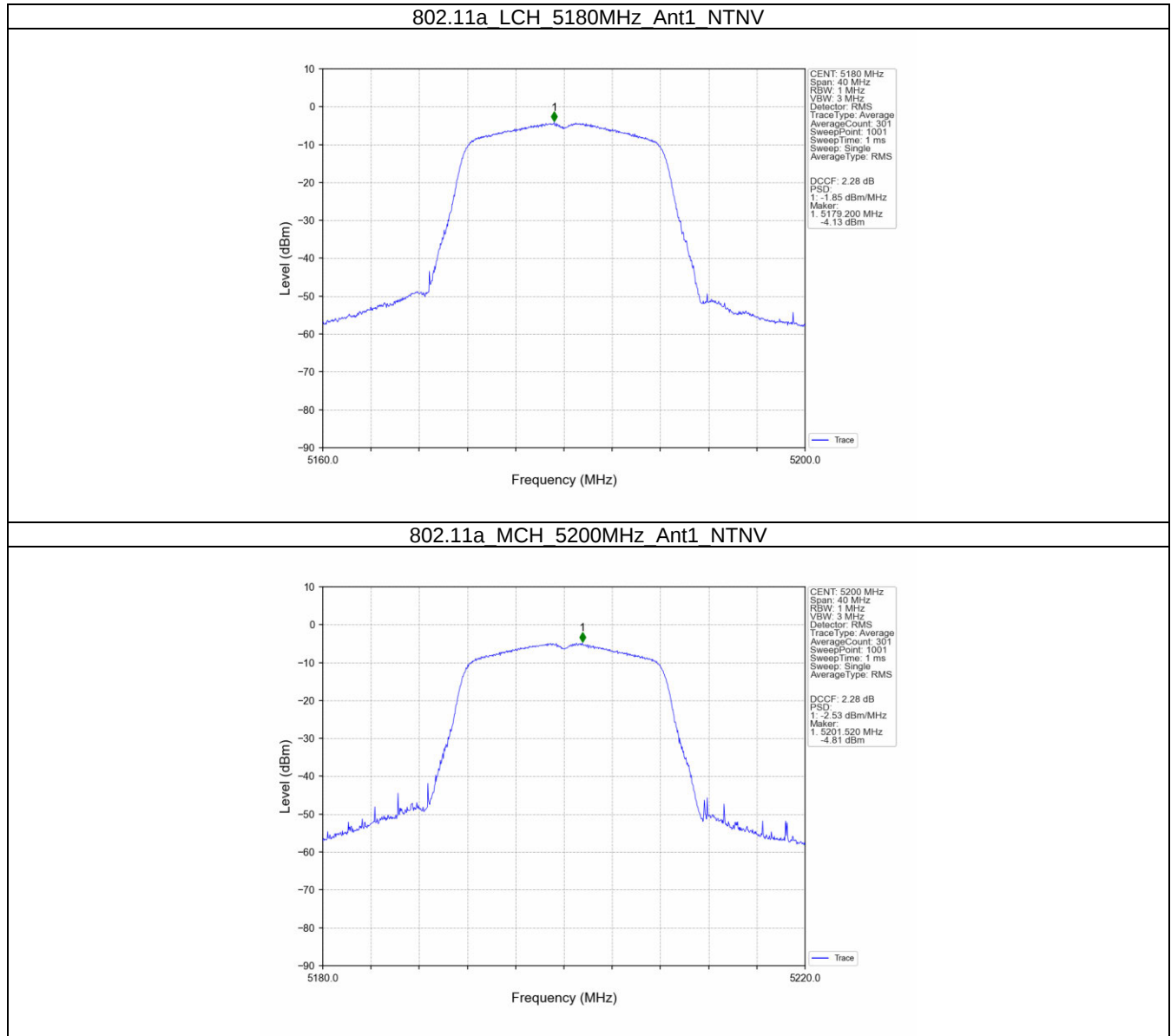
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-1.33	<=30	Pass
		5785	-1.55	<=30	Pass
		5825	-2.61	<=30	Pass
802.11n (HT20)	SISO	5745	-1.79	<=30	Pass
		5785	-2.37	<=30	Pass
		5825	-3.03	<=30	Pass
802.11n (HT40)	SISO	5755	-5.29	<=30	Pass
		5795	-5.63	<=30	Pass
802.11ac (VHT20)	SISO	5745	-1.59	<=30	Pass
		5785	-1.75	<=30	Pass
		5825	-2.41	<=30	Pass
802.11ac (VHT40)	SISO	5755	-5.09	<=30	Pass
		5795	-5.43	<=30	Pass
802.11ac (VHT80)	SISO	5775	-9.76	<=30	Pass

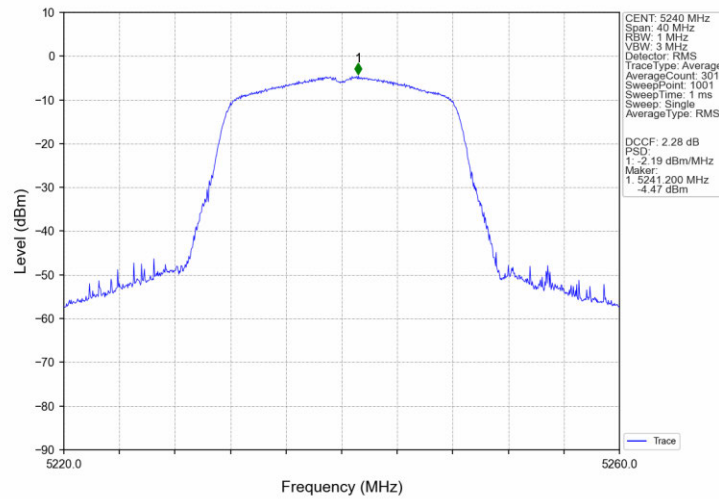
Note1: Antenna Gain: Ant1: 0.62dBi;

4.2 Test Graph

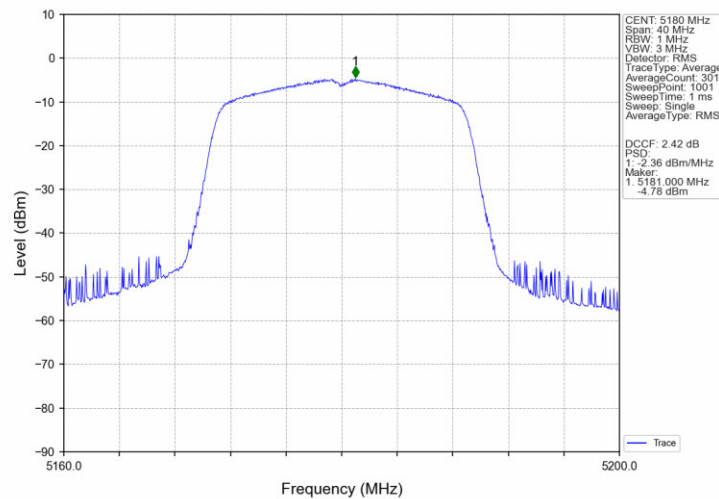
4.2.1 PSD



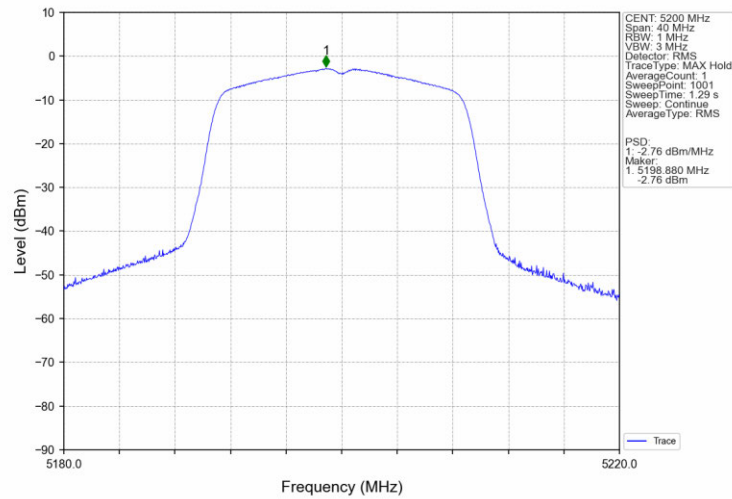
802.11a_HCH_5240MHz_Ant1_NTNV



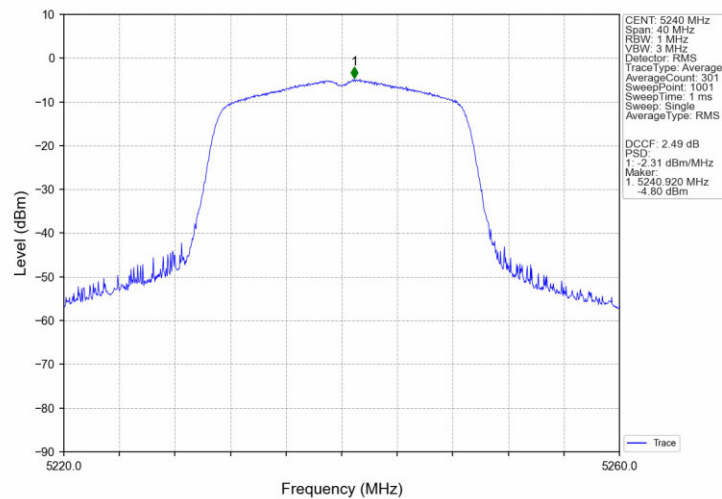
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



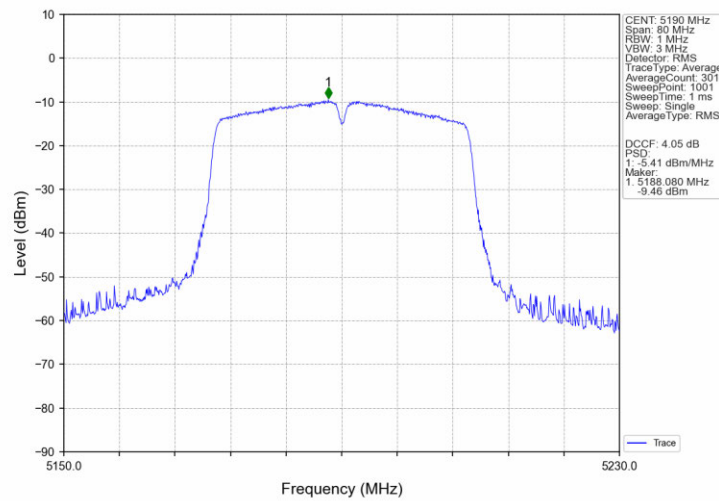
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



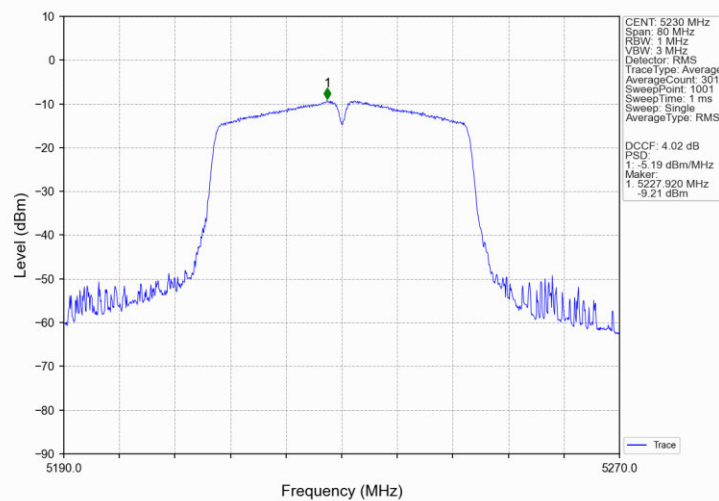
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



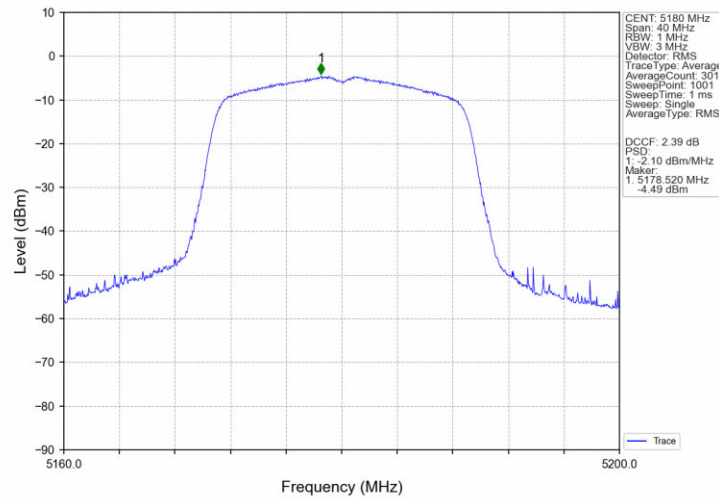
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



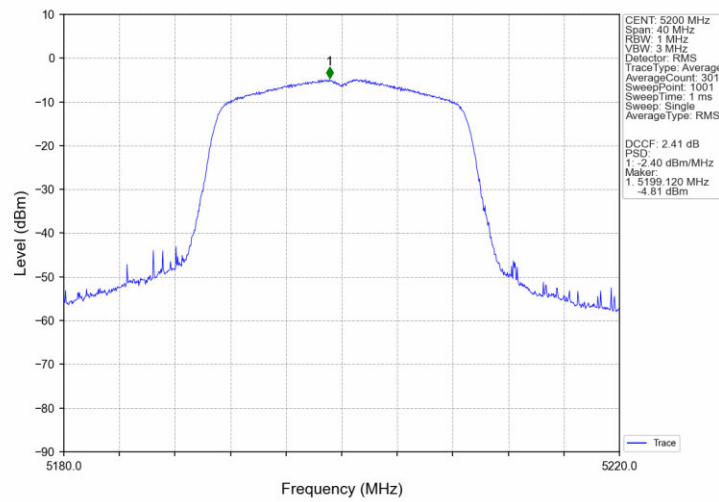
802.11n(HT40) HCH_5230MHz_Ant1_NTNV



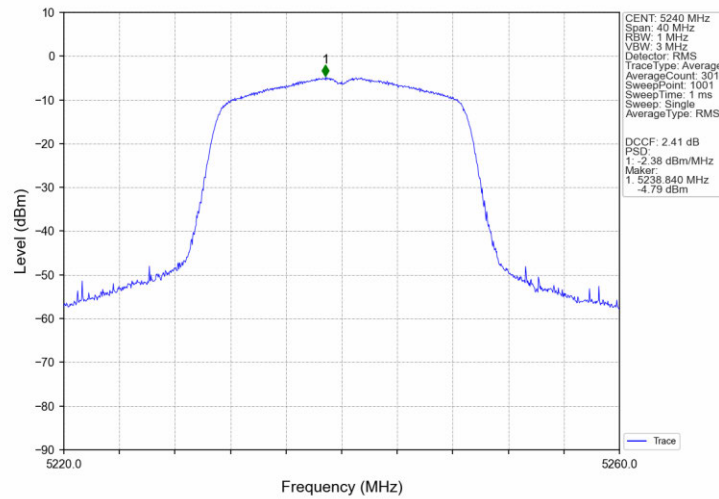
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



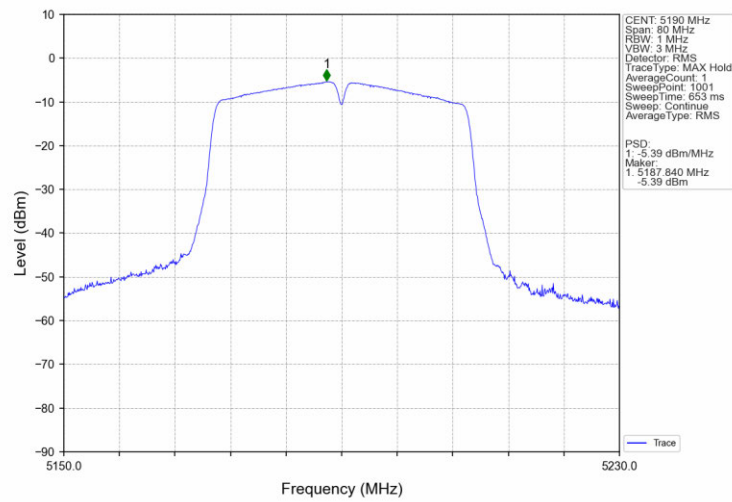
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



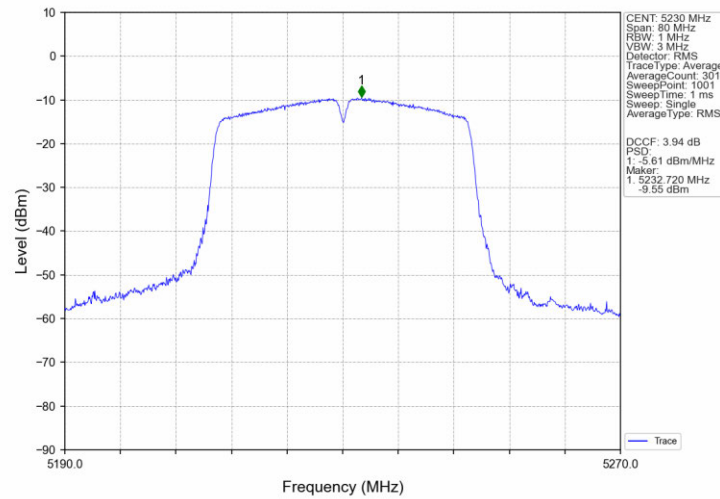
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



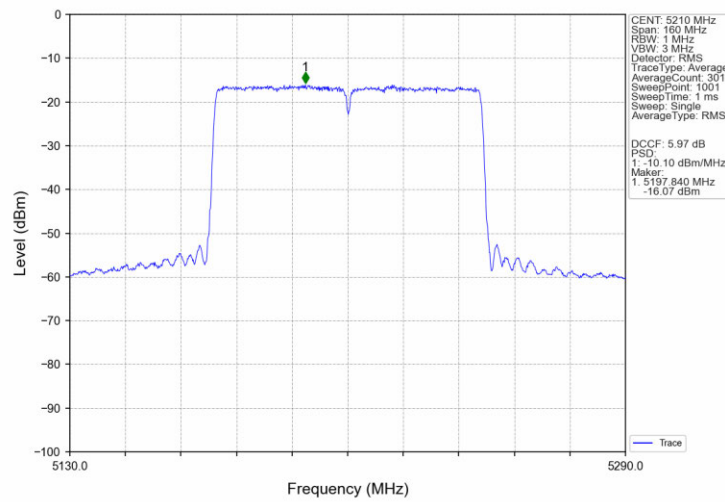
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

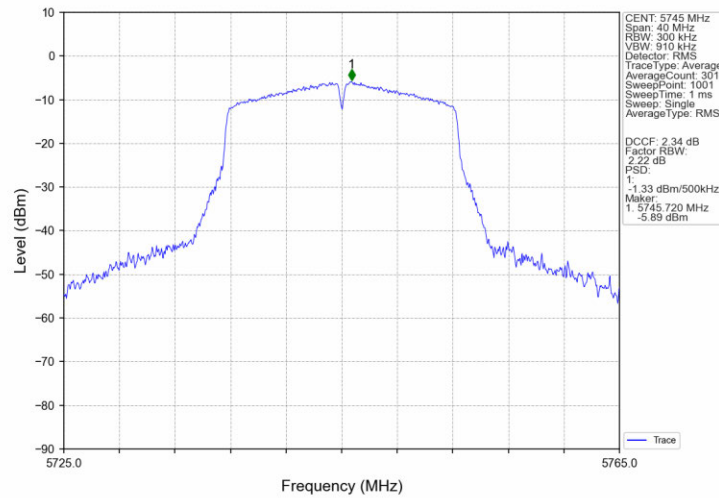


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

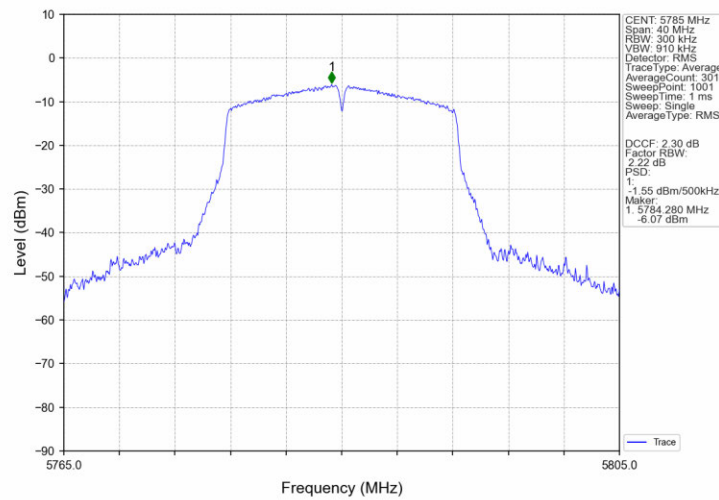


4.2.2 PSD-Band3

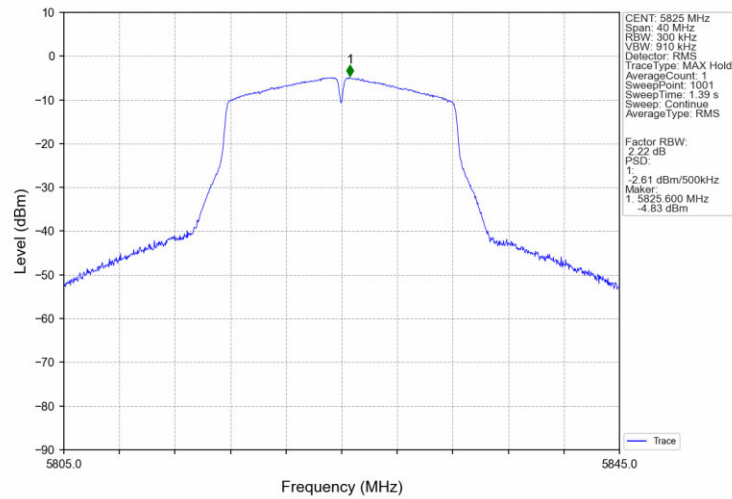
802.11a LCH 5745MHz Ant1 NTN



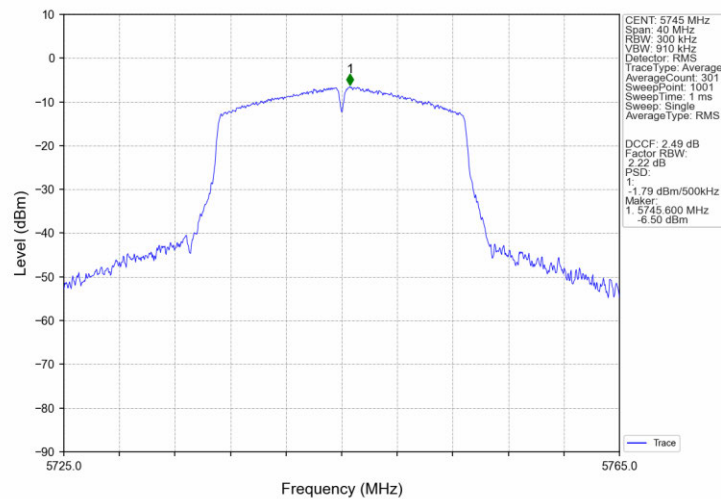
802.11a MCH 5785MHz Ant1 NTN



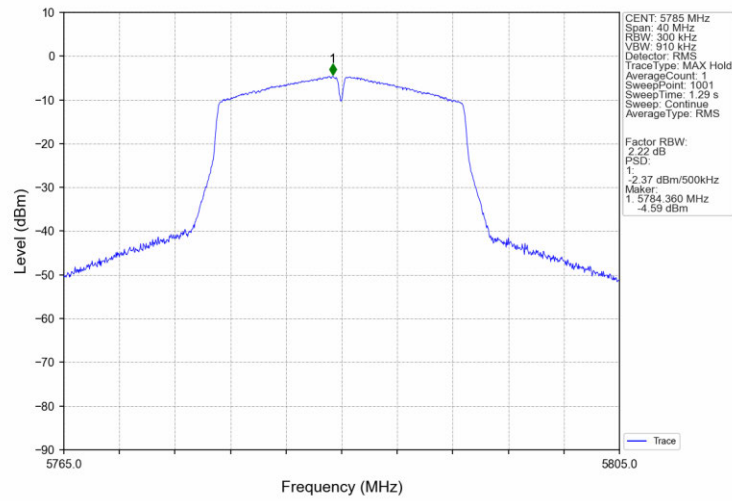
802.11a_HCH_5825MHz_Ant1_NTNV



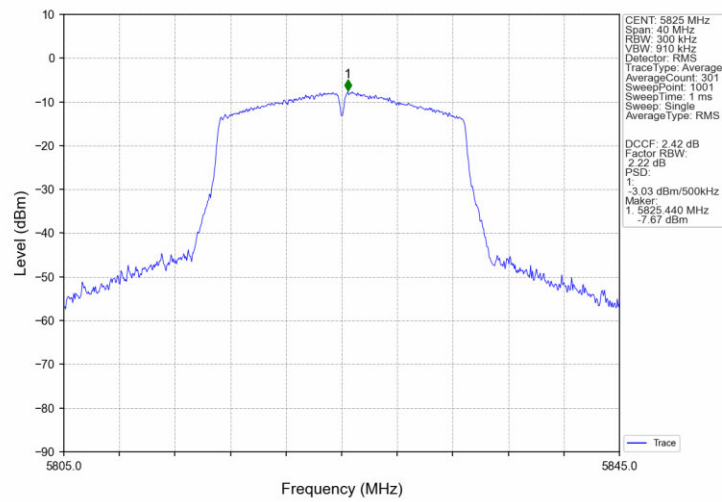
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



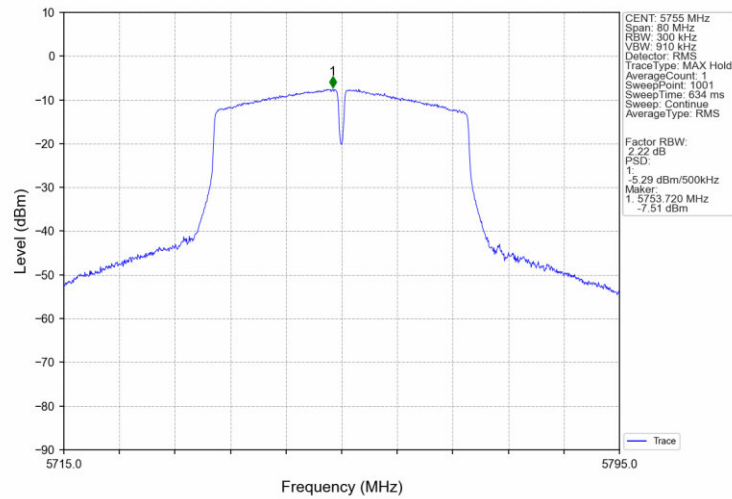
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



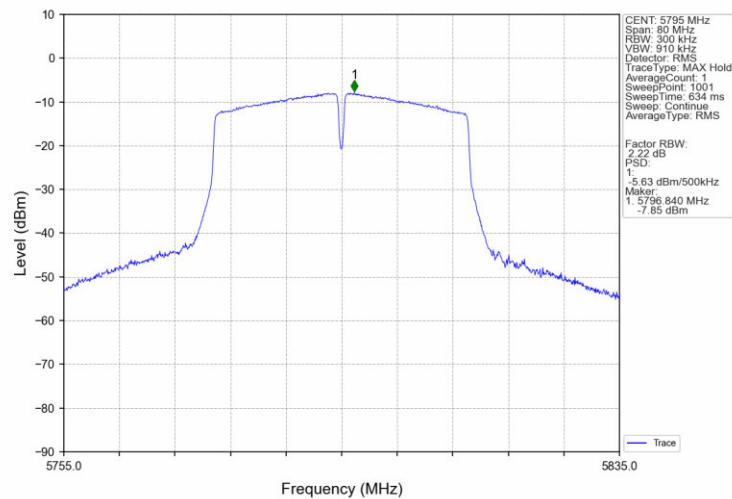
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



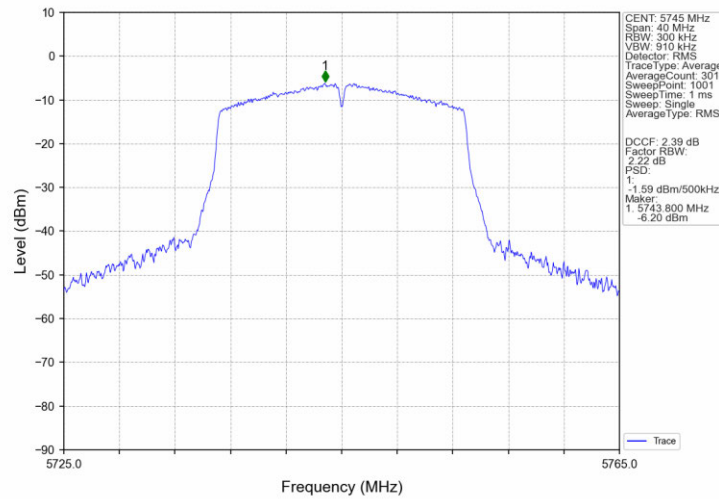
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



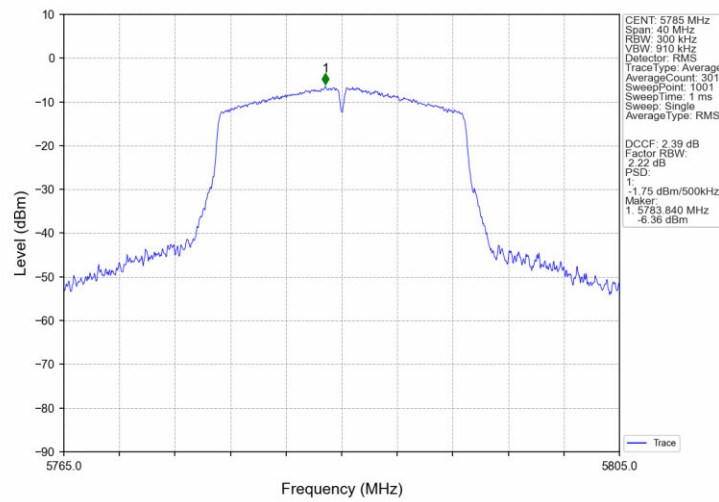
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



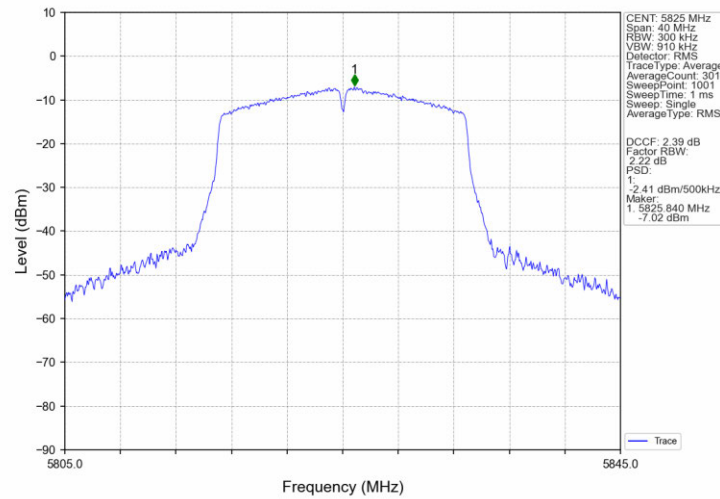
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



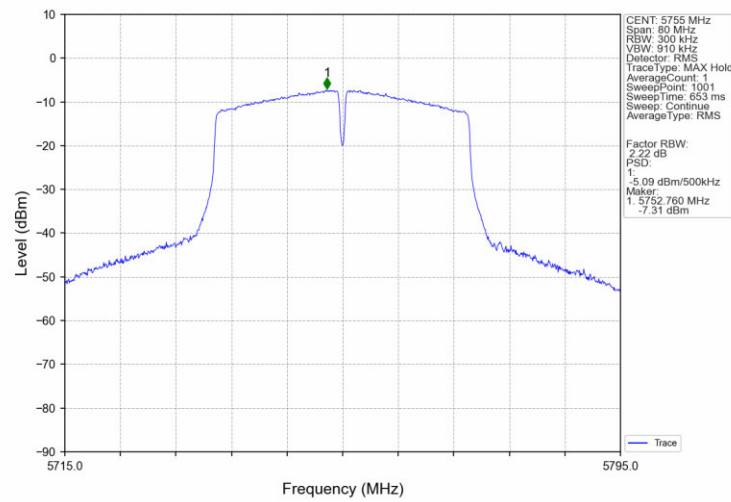
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



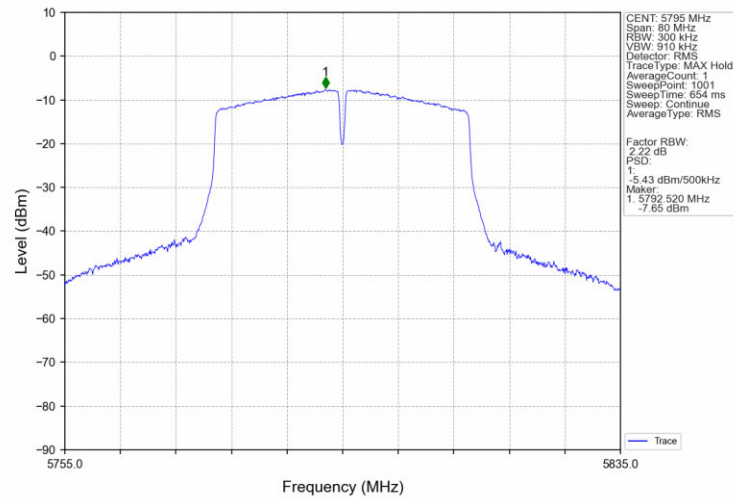
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



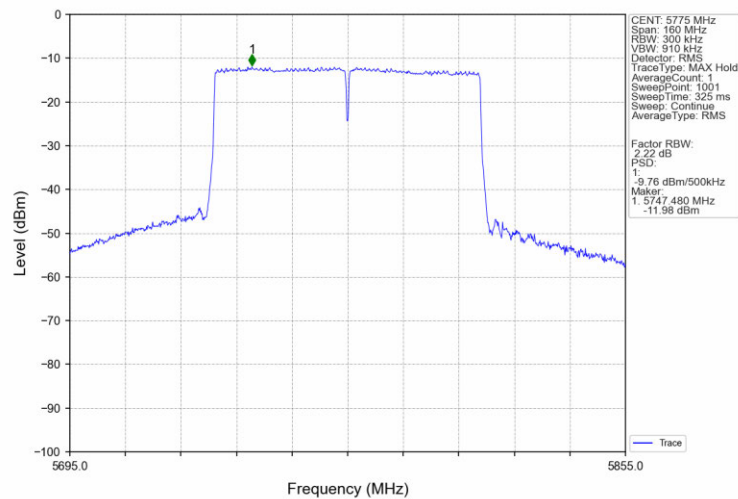
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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	5179.966	5150 to 5250	Pass
				120	5179.968	5150 to 5250	Pass
				138	5179.970	5150 to 5250	Pass
			-30	120	5179.972	5150 to 5250	Pass
			-20	120	5179.974	5150 to 5250	Pass
			-10	120	5179.977	5150 to 5250	Pass
			0	120	5179.978	5150 to 5250	Pass
			10	120	5179.979	5150 to 5250	Pass
			30	120	5179.981	5150 to 5250	Pass
			40	120	5179.982	5150 to 5250	Pass
			50	120	5179.984	5150 to 5250	Pass
		5200	20	102	5199.981	5150 to 5250	Pass
				120	5199.984	5150 to 5250	Pass
				138	5199.986	5150 to 5250	Pass
			-30	120	5199.988	5150 to 5250	Pass
			-20	120	5199.990	5150 to 5250	Pass
			-10	120	5199.991	5150 to 5250	Pass
			0	120	5199.992	5150 to 5250	Pass
			10	120	5199.992	5150 to 5250	Pass
			30	120	5199.993	5150 to 5250	Pass
			40	120	5199.994	5150 to 5250	Pass
			50	120	5199.994	5150 to 5250	Pass
		5240	20	102	5239.988	5150 to 5250	Pass
				120	5239.993	5150 to 5250	Pass
				138	5239.995	5150 to 5250	Pass
			-30	120	5239.997	5150 to 5250	Pass
			-20	120	5240.000	5150 to 5250	Pass
			-10	120	5240.001	5150 to 5250	Pass
			0	120	5240.002	5150 to 5250	Pass
			10	120	5240.003	5150 to 5250	Pass
			30	120	5240.003	5150 to 5250	Pass
			40	120	5240.005	5150 to 5250	Pass
			50	120	5240.006	5150 to 5250	Pass
		5745	20	102	5744.967	5725 to 5850	Pass
				120	5744.966	5725 to 5850	Pass
				138	5744.965	5725 to 5850	Pass
			-30	120	5744.965	5725 to 5850	Pass
			-20	120	5744.965	5725 to 5850	Pass
			-10	120	5744.965	5725 to 5850	Pass
			0	120	5744.964	5725 to 5850	Pass
			10	120	5744.964	5725 to 5850	Pass
			30	120	5744.964	5725 to 5850	Pass
			40	120	5744.964	5725 to 5850	Pass
			50	120	5744.964	5725 to 5850	Pass
		5785	20	102	5784.968	5725 to 5850	Pass
				120	5784.966	5725 to 5850	Pass

				138	5784.965	5725 to 5850	Pass
			-30	120	5784.965	5725 to 5850	Pass
			-20	120	5784.965	5725 to 5850	Pass
			-10	120	5784.965	5725 to 5850	Pass
			0	120	5784.964	5725 to 5850	Pass
			10	120	5784.964	5725 to 5850	Pass
			30	120	5784.964	5725 to 5850	Pass
			40	120	5784.964	5725 to 5850	Pass
			50	120	5784.964	5725 to 5850	Pass
		5825	20	102	5824.964	5725 to 5850	Pass
				120	5824.964	5725 to 5850	Pass
				138	5824.964	5725 to 5850	Pass
			-30	120	5824.964	5725 to 5850	Pass
			-20	120	5824.964	5725 to 5850	Pass
			-10	120	5824.963	5725 to 5850	Pass
			0	120	5824.963	5725 to 5850	Pass
			10	120	5824.963	5725 to 5850	Pass
			30	120	5824.963	5725 to 5850	Pass
			40	120	5824.963	5725 to 5850	Pass
			50	120	5824.963	5725 to 5850	Pass
		5190	20	102	5189.969	5150 to 5250	Pass
				120	5189.968	5150 to 5250	Pass
				138	5189.968	5150 to 5250	Pass
			-30	120	5189.967	5150 to 5250	Pass
			-20	120	5189.967	5150 to 5250	Pass
			-10	120	5189.967	5150 to 5250	Pass
			0	120	5189.967	5150 to 5250	Pass
			10	120	5189.967	5150 to 5250	Pass
			30	120	5189.967	5150 to 5250	Pass
			40	120	5189.967	5150 to 5250	Pass
			50	120	5189.967	5150 to 5250	Pass
		5230	20	102	5229.968	5150 to 5250	Pass
				120	5229.968	5150 to 5250	Pass
				138	5229.968	5150 to 5250	Pass
			-30	120	5229.967	5150 to 5250	Pass
			-20	120	5229.967	5150 to 5250	Pass
			-10	120	5229.967	5150 to 5250	Pass
			0	120	5229.967	5150 to 5250	Pass
			10	120	5229.967	5150 to 5250	Pass
			30	120	5229.967	5150 to 5250	Pass
			40	120	5229.967	5150 to 5250	Pass
			50	120	5229.966	5150 to 5250	Pass
		5755	20	102	5754.965	5725 to 5850	Pass
				120	5754.964	5725 to 5850	Pass
				138	5754.964	5725 to 5850	Pass
			-30	120	5754.963	5725 to 5850	Pass
			-20	120	5754.964	5725 to 5850	Pass
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			50	120	5754.963	5725 to 5850	Pass
		5795	20	102	5794.964	5725 to 5850	Pass
				120	5794.963	5725 to 5850	Pass
				138	5794.963	5725 to 5850	Pass
			-30	120	5794.963	5725 to 5850	Pass
			-20	120	5794.963	5725 to 5850	Pass
			-10	120	5794.963	5725 to 5850	Pass

			0	120	5794.963	5725 to 5850	Pass
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			30	120	5794.963	5725 to 5850	Pass
			40	120	5794.963	5725 to 5850	Pass
			50	120	5794.963	5725 to 5850	Pass
		5210	20	102	5209.968	5150 to 5250	Pass
				120	5209.968	5150 to 5250	Pass
				138	5209.967	5150 to 5250	Pass
			-30	120	5209.967	5150 to 5250	Pass
			-20	120	5209.967	5150 to 5250	Pass
			-10	120	5209.967	5150 to 5250	Pass
			0	120	5209.967	5150 to 5250	Pass
			10	120	5209.967	5150 to 5250	Pass
			30	120	5209.967	5150 to 5250	Pass
			40	120	5209.967	5150 to 5250	Pass
			50	120	5209.967	5150 to 5250	Pass
		5775	20	102	5774.965	5725 to 5850	Pass
				120	5774.964	5725 to 5850	Pass
				138	5774.964	5725 to 5850	Pass
			-30	120	5774.964	5725 to 5850	Pass
			-20	120	5774.963	5725 to 5850	Pass
			-10	120	5774.963	5725 to 5850	Pass
			0	120	5774.963	5725 to 5850	Pass
			10	120	5774.963	5725 to 5850	Pass
			30	120	5774.963	5725 to 5850	Pass
			40	120	5774.963	5725 to 5850	Pass
			50	120	5774.963	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	0.0063	8.00
5745	5825	0.0133	11.25
5190	5230	0.0065	8.10
5755	5795	0.0125	10.98
5210	5210	0.0055	7.43