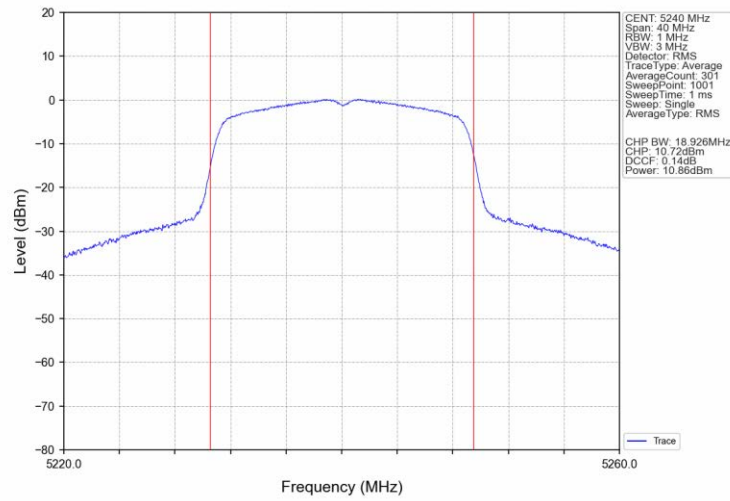
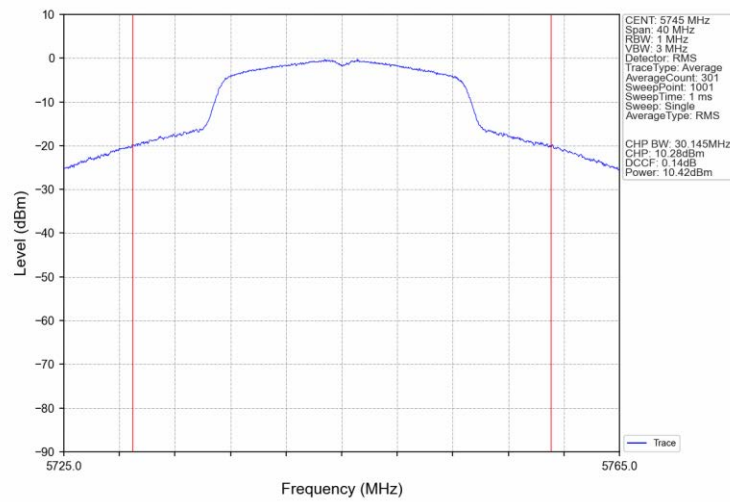


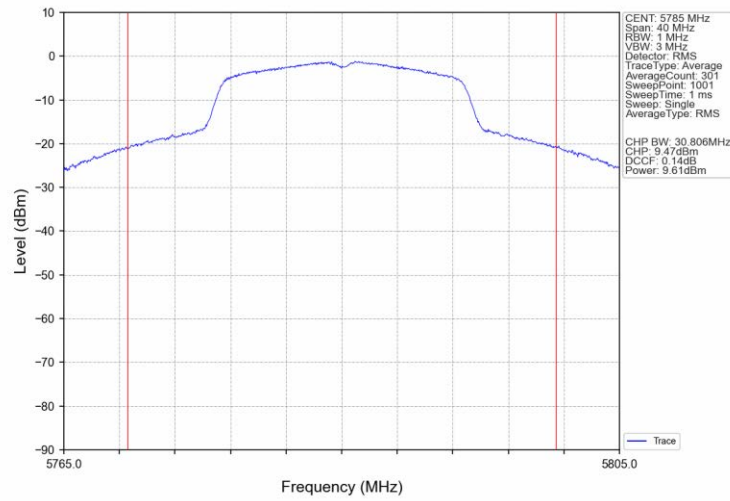
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



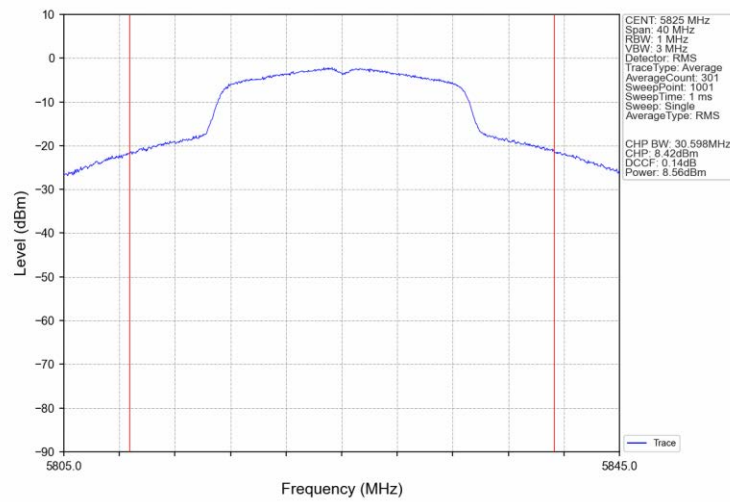
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



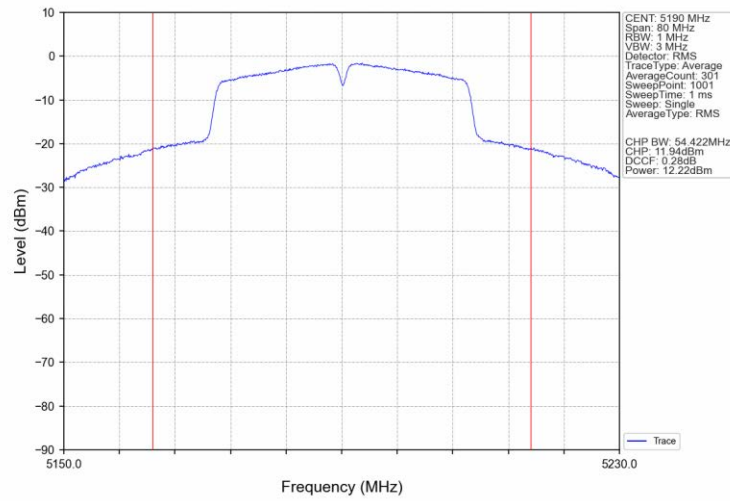
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



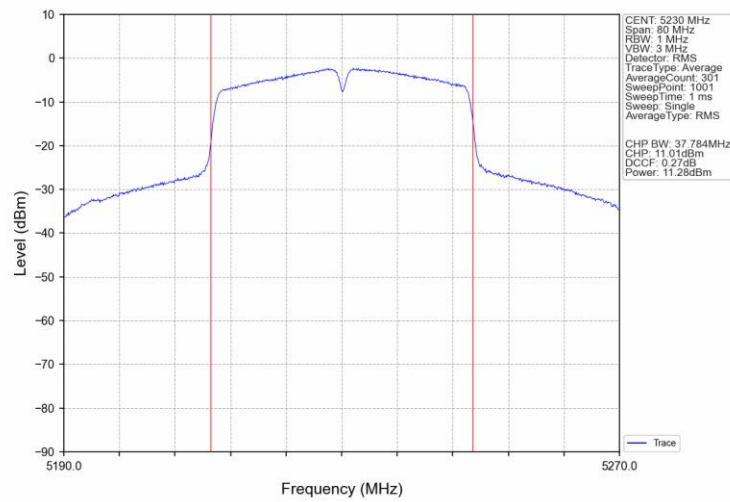
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



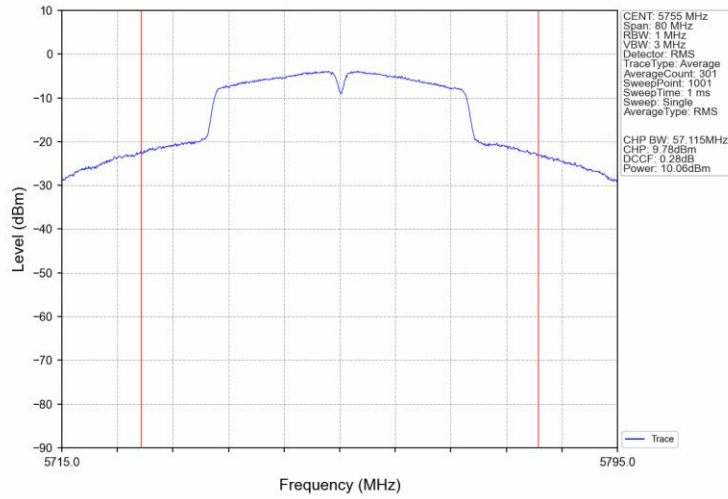
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



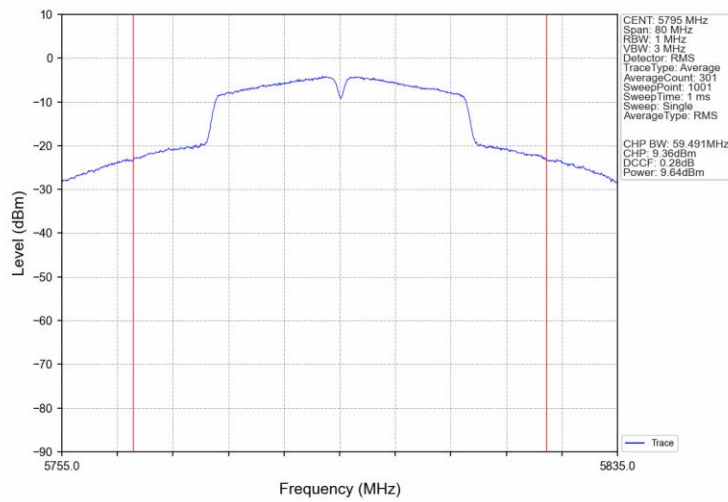
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



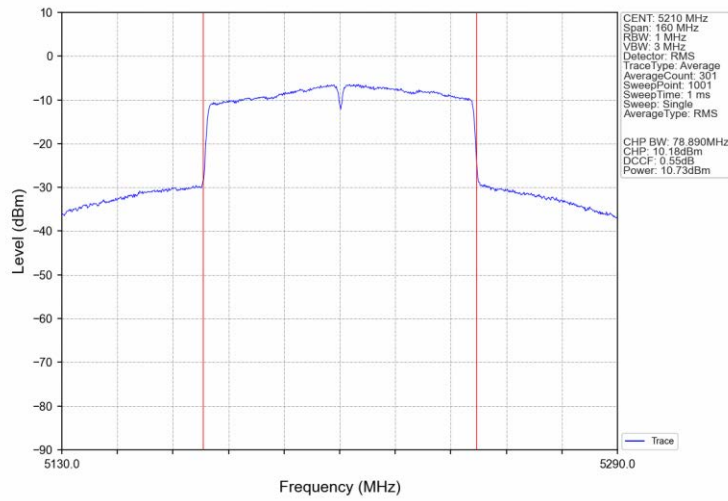
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



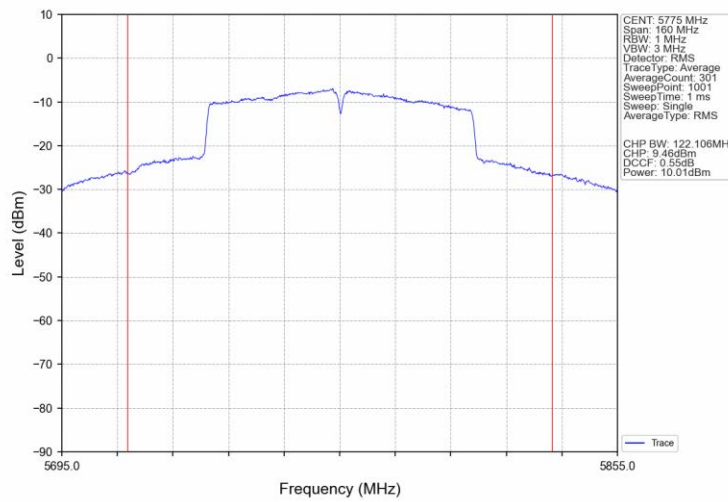
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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	-0.70	<=11	Pass
		5200	-0.51	<=11	Pass
		5240	0.88	<=11	Pass
802.11n (HT20)	SISO	5180	-0.94	<=11	Pass
		5200	-0.32	<=11	Pass
		5240	0.39	<=11	Pass
802.11n (HT40)	SISO	5190	-3.14	<=11	Pass
		5230	-1.95	<=11	Pass
802.11ac (VHT20)	SISO	5180	-0.78	<=11	Pass
		5200	1.82	<=11	Pass
		5240	0.37	<=11	Pass
802.11ac (VHT40)	SISO	5190	-1.34	<=11	Pass
		5230	-2.12	<=11	Pass
802.11ac (VHT80)	SISO	5210	-6.01	<=11	Pass

Note1: Antenna Gain: Ant1: 1.04dBi;

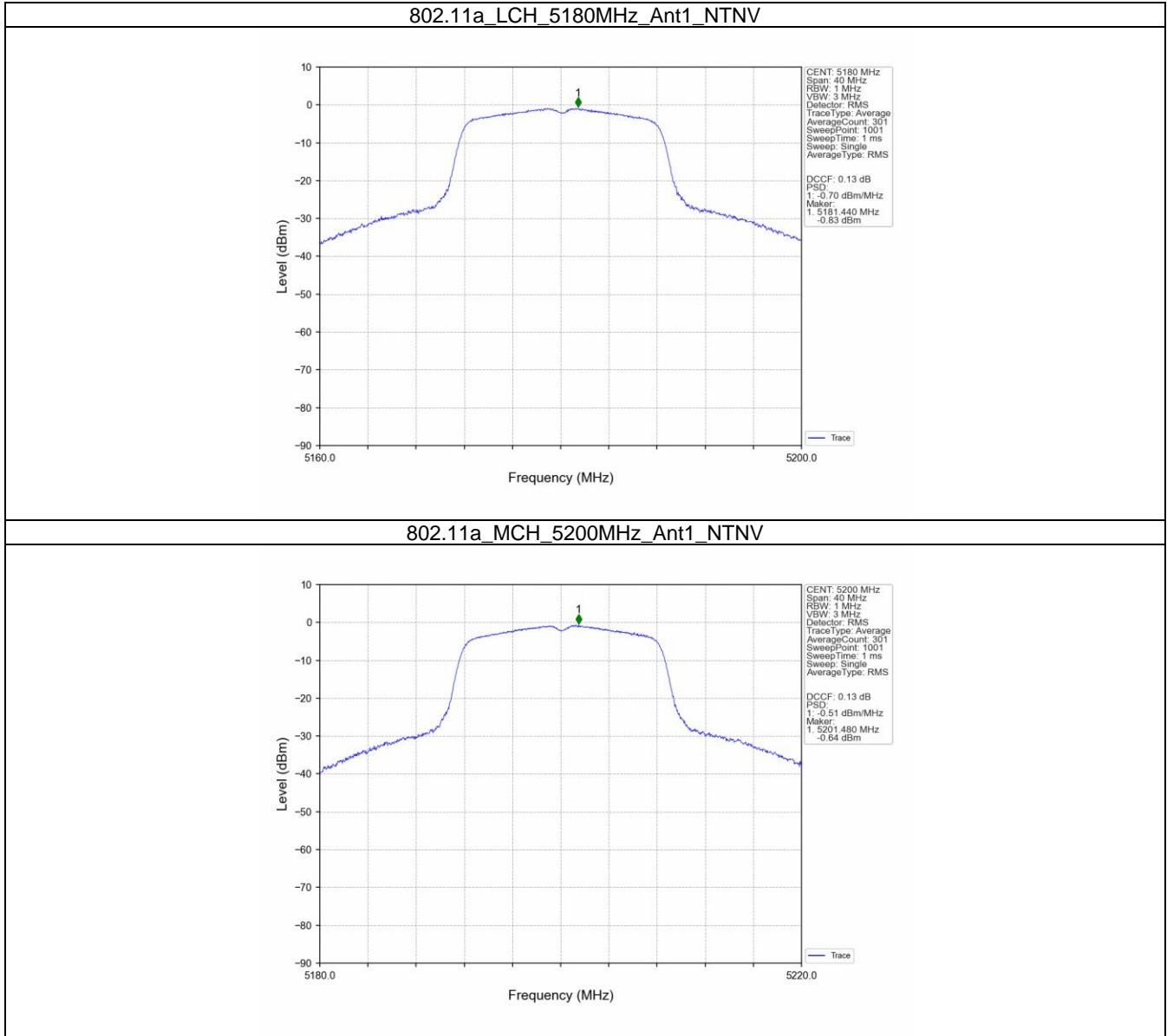
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.92	<=30	Pass
		5785	-3.54	<=30	Pass
		5825	-4.86	<=30	Pass
802.11n (HT20)	SISO	5745	-3.10	<=30	Pass
		5785	-3.86	<=30	Pass
		5825	-4.99	<=30	Pass
802.11n (HT40)	SISO	5755	-6.33	<=30	Pass
		5795	-7.10	<=30	Pass
802.11ac (VHT20)	SISO	5745	-3.06	<=30	Pass
		5785	-3.87	<=30	Pass
		5825	-4.87	<=30	Pass
802.11ac (VHT40)	SISO	5755	-6.44	<=30	Pass
		5795	-6.98	<=30	Pass
802.11ac (VHT80)	SISO	5775	-9.20	<=30	Pass

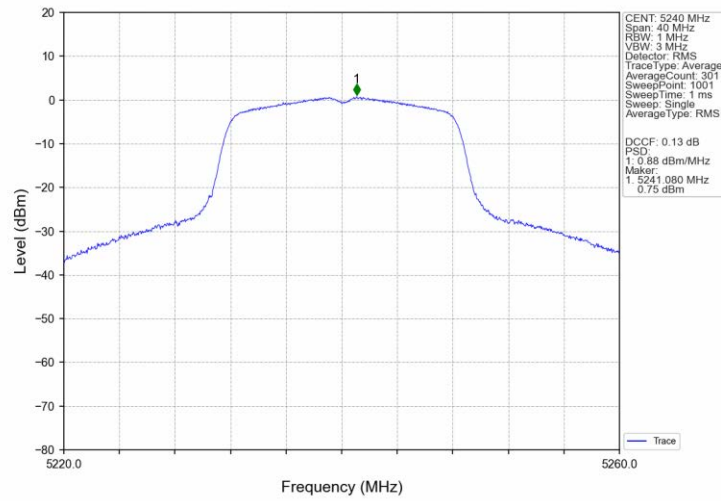
Note1: Antenna Gain: Ant1: 1.04dBi;

4.2 Test Graph

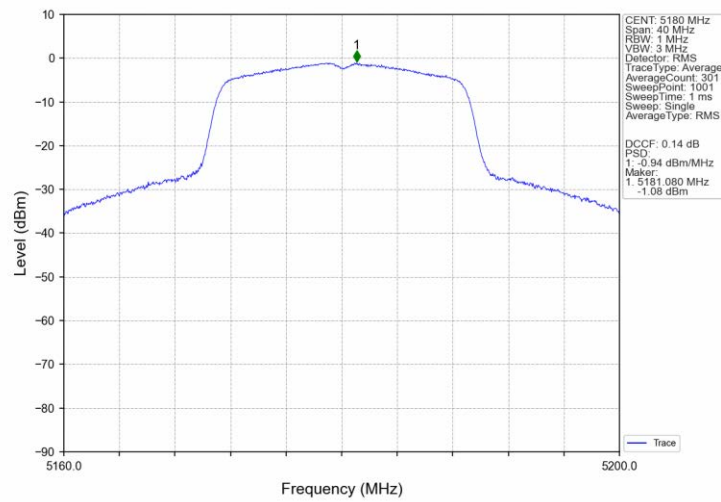
4.2.1 PSD



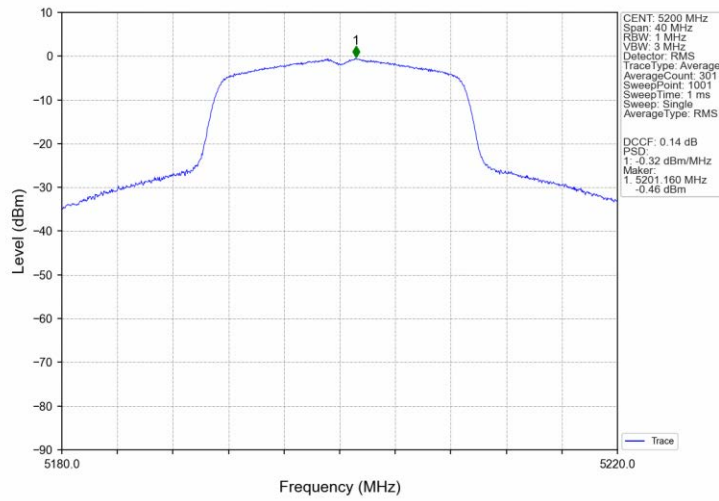
802.11a_HCH_5240MHz_Ant1_NTNV



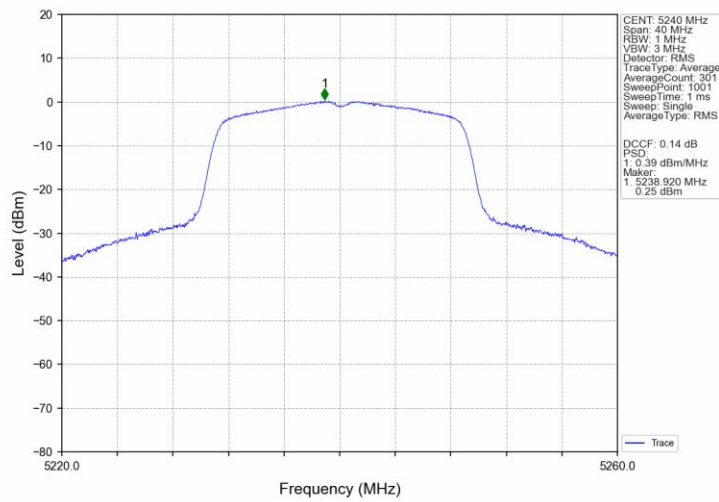
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



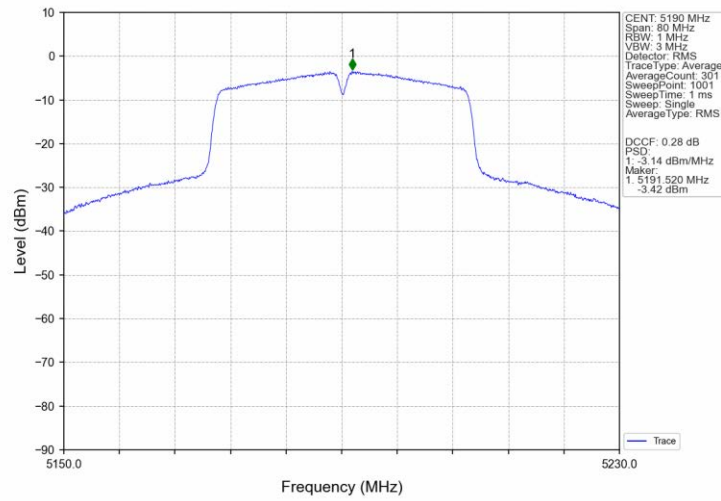
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



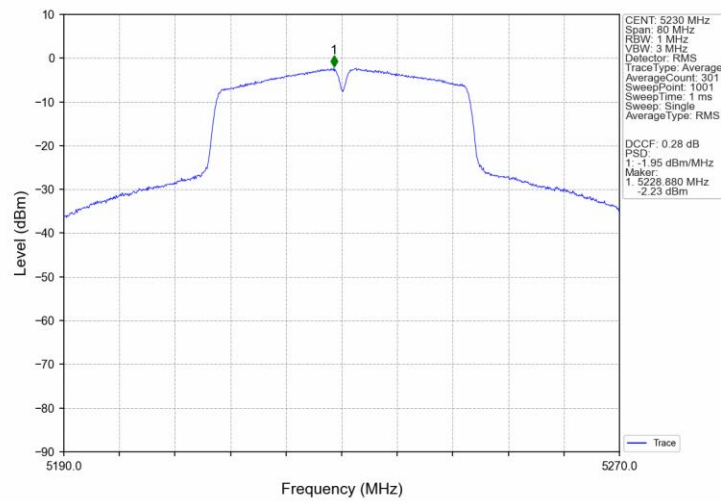
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



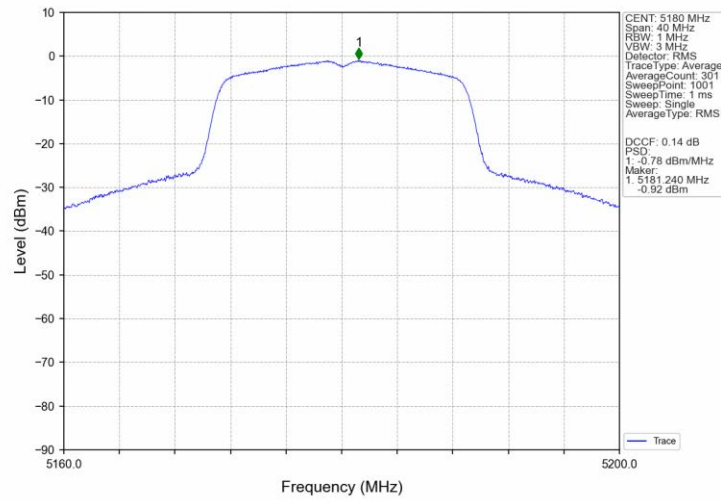
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



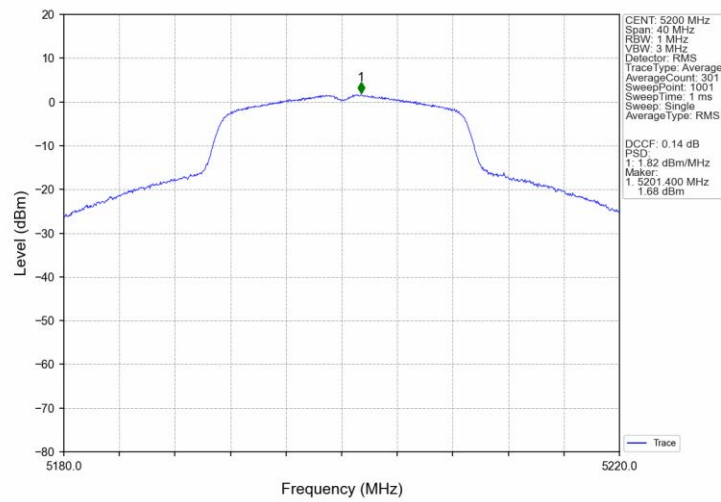
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



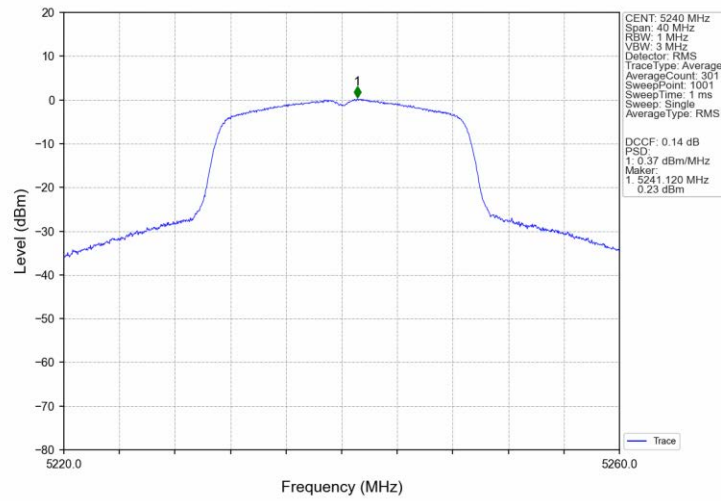
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



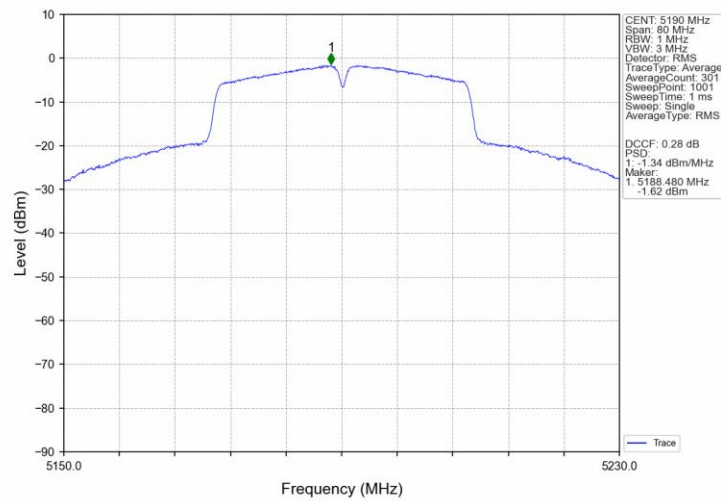
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



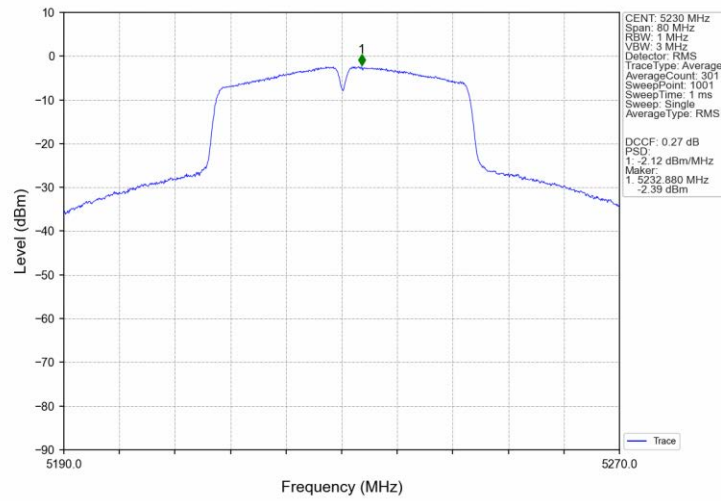
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



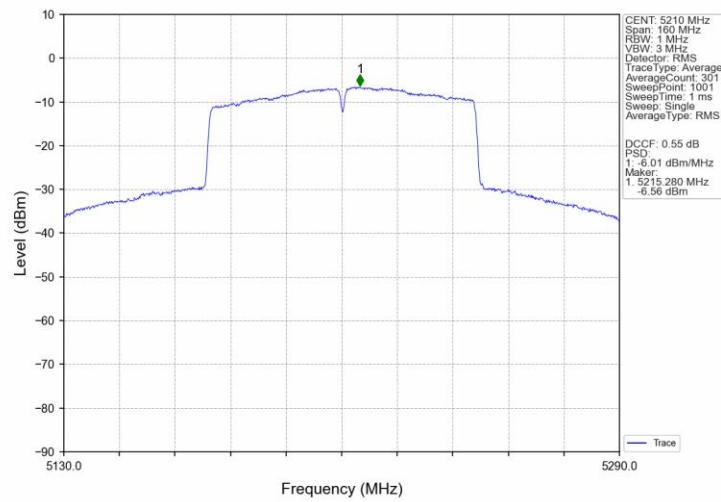
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

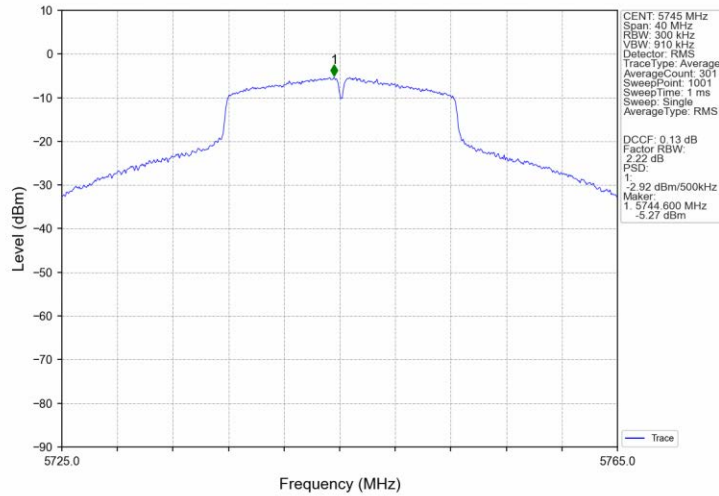


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

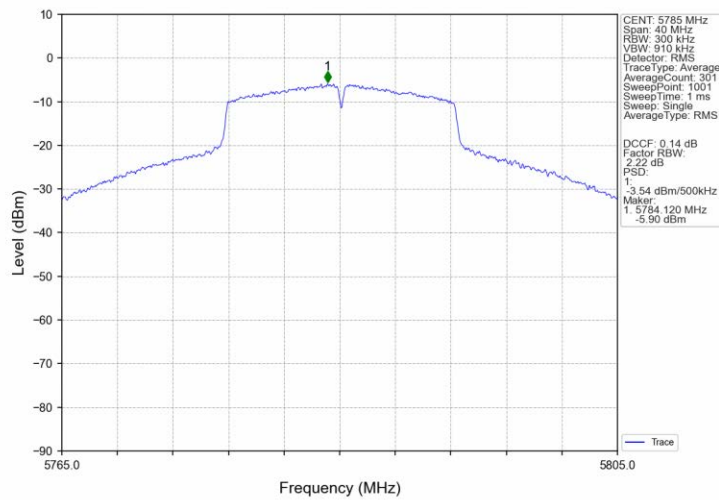


4.2.2 PSD-Band3

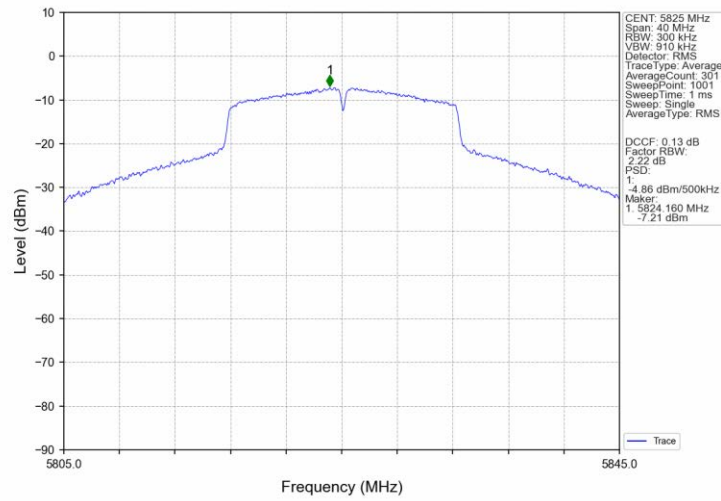
802.11a_LCH_5745MHz_Ant1_NTNV



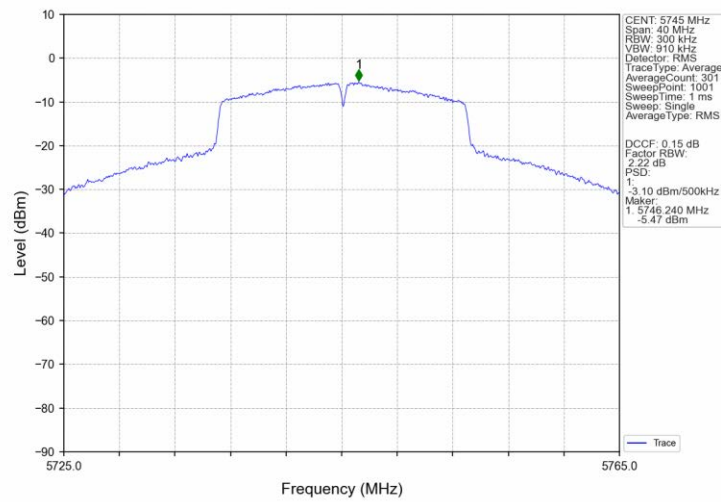
802.11a_MCH_5785MHz_Ant1_NTNV



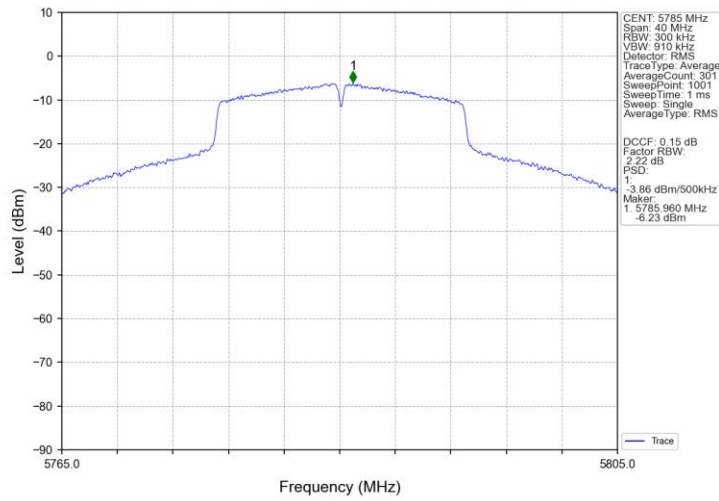
802.11a_HCH_5825MHz_Ant1_NTNV



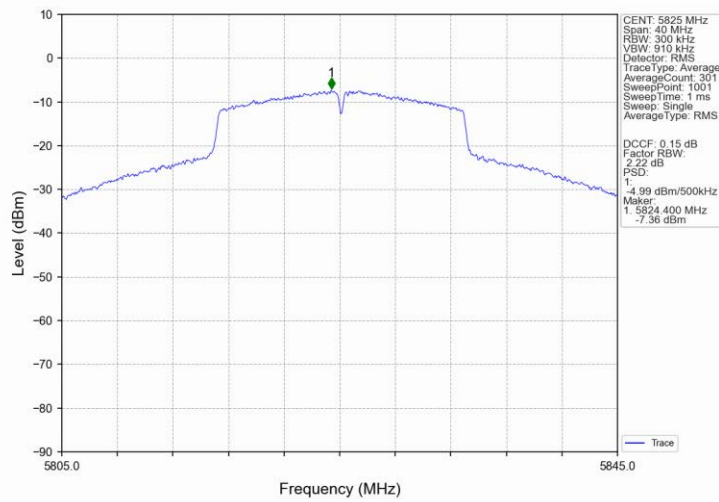
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



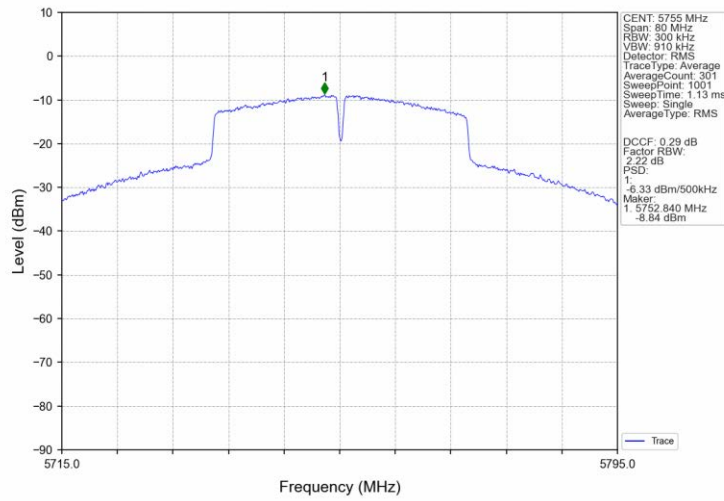
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



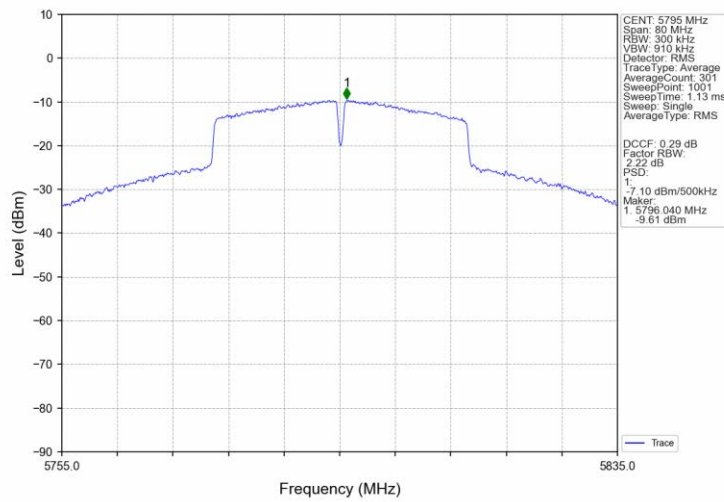
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



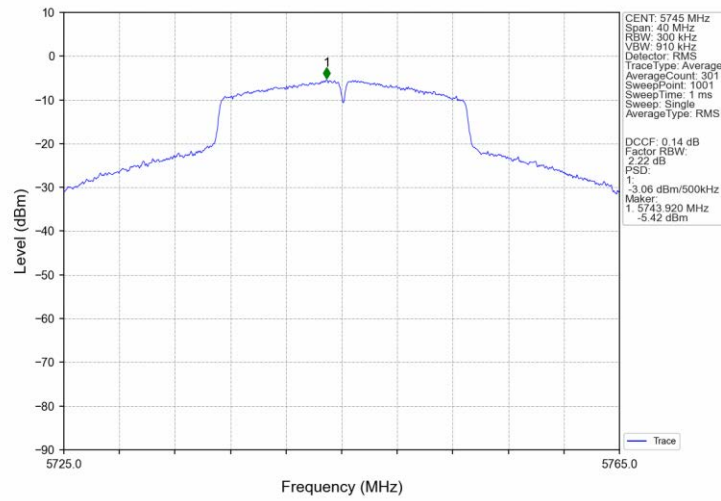
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



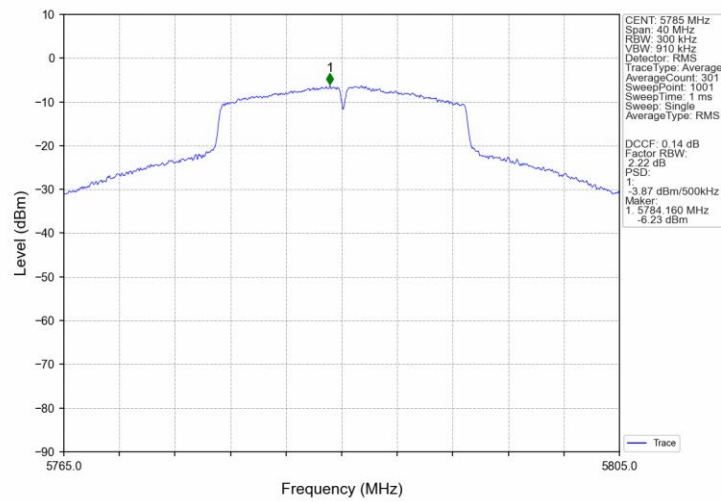
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



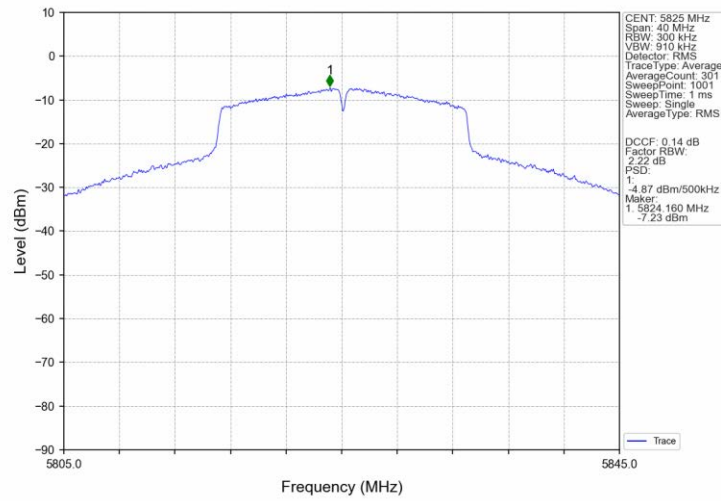
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



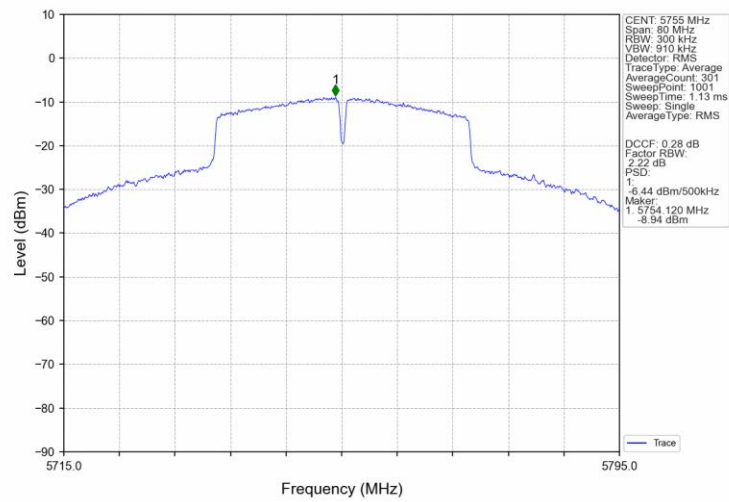
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



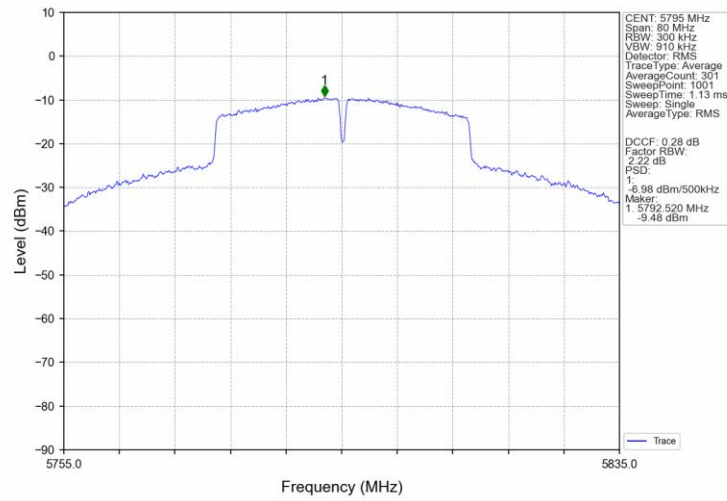
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



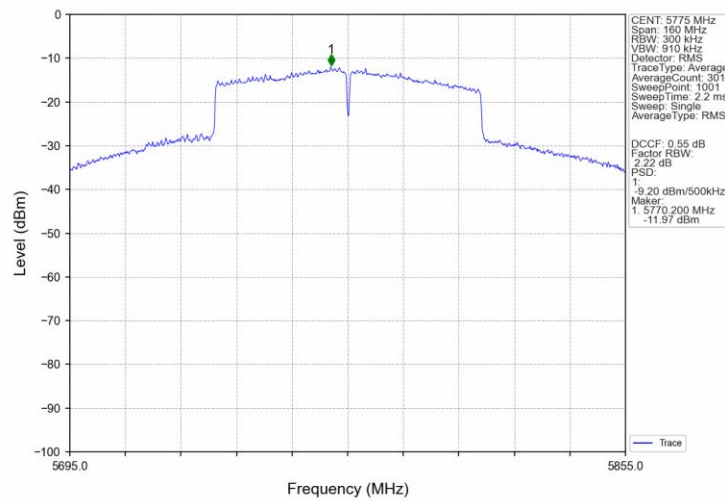
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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	5180.053	5150 to 5250	Pass
				120	5180.053	5150 to 5250	Pass
				138	5180.052	5150 to 5250	Pass
			-30	120	5180.052	5150 to 5250	Pass
			-20	120	5180.052	5150 to 5250	Pass
			-10	120	5180.052	5150 to 5250	Pass
			0	120	5180.051	5150 to 5250	Pass
			10	120	5180.051	5150 to 5250	Pass
			30	120	5180.051	5150 to 5250	Pass
			40	120	5180.050	5150 to 5250	Pass
			50	120	5180.050	5150 to 5250	Pass
			5200	20	102	5200.050	5150 to 5250
		120			5200.050	5150 to 5250	Pass
		138			5200.050	5150 to 5250	Pass
		-30		120	5200.050	5150 to 5250	Pass
		-20		120	5200.051	5150 to 5250	Pass
		-10		120	5200.051	5150 to 5250	Pass
		0		120	5200.051	5150 to 5250	Pass
		10		120	5200.051	5150 to 5250	Pass
		30		120	5200.051	5150 to 5250	Pass
		40		120	5200.051	5150 to 5250	Pass
		50		120	5200.051	5150 to 5250	Pass
		5240		20	102	5240.052	5150 to 5250
			120		5240.052	5150 to 5250	Pass
			138		5240.052	5150 to 5250	Pass
			-30	120	5240.052	5150 to 5250	Pass
			-20	120	5240.052	5150 to 5250	Pass
			-10	120	5240.052	5150 to 5250	Pass
			0	120	5240.052	5150 to 5250	Pass
			10	120	5240.052	5150 to 5250	Pass
			30	120	5240.052	5150 to 5250	Pass
			40	120	5240.052	5150 to 5250	Pass
			50	120	5240.052	5150 to 5250	Pass
			5745	20	102	5745.058	5725 to 5850
		120			5745.057	5725 to 5850	Pass
		138			5745.058	5725 to 5850	Pass
		-30		120	5745.057	5725 to 5850	Pass
		-20		120	5745.057	5725 to 5850	Pass
		-10		120	5745.057	5725 to 5850	Pass
		0		120	5745.057	5725 to 5850	Pass
		10		120	5745.057	5725 to 5850	Pass
		30		120	5745.057	5725 to 5850	Pass
		40		120	5745.057	5725 to 5850	Pass
		50		120	5745.057	5725 to 5850	Pass
		5785		20	102	5785.057	5725 to 5850
			120		5785.057	5725 to 5850	Pass

			138	5785.057	5725 to 5850	Pass	
		-30	120	5785.057	5725 to 5850	Pass	
		-20	120	5785.057	5725 to 5850	Pass	
		-10	120	5785.057	5725 to 5850	Pass	
		0	120	5785.057	5725 to 5850	Pass	
		10	120	5785.057	5725 to 5850	Pass	
		30	120	5785.057	5725 to 5850	Pass	
		40	120	5785.057	5725 to 5850	Pass	
		50	120	5785.056	5725 to 5850	Pass	
	5825	20	102	5825.057	5725 to 5850	Pass	
			120	5825.057	5725 to 5850	Pass	
			138	5825.057	5725 to 5850	Pass	
			-30	120	5825.057	5725 to 5850	Pass
			-20	120	5825.057	5725 to 5850	Pass
			-10	120	5825.057	5725 to 5850	Pass
			0	120	5825.057	5725 to 5850	Pass
			10	120	5825.057	5725 to 5850	Pass
			30	120	5825.057	5725 to 5850	Pass
			40	120	5825.057	5725 to 5850	Pass
		50	120	5825.057	5725 to 5850	Pass	
	5190	20	102	5190.051	5150 to 5250	Pass	
			120	5190.051	5150 to 5250	Pass	
			138	5190.051	5150 to 5250	Pass	
			-30	120	5190.051	5150 to 5250	Pass
			-20	120	5190.051	5150 to 5250	Pass
			-10	120	5190.051	5150 to 5250	Pass
			0	120	5190.051	5150 to 5250	Pass
			10	120	5190.051	5150 to 5250	Pass
			30	120	5190.051	5150 to 5250	Pass
			40	120	5190.051	5150 to 5250	Pass
		50	120	5190.051	5150 to 5250	Pass	
	5230	20	102	5230.069	5150 to 5250	Pass	
			120	5229.505	5150 to 5250	Pass	
			138	5229.727	5150 to 5250	Pass	
			-30	120	5230.289	5150 to 5250	Pass
			-20	120	5229.942	5150 to 5250	Pass
			-10	120	5229.688	5150 to 5250	Pass
			0	120	5229.790	5150 to 5250	Pass
			10	120	5230.005	5150 to 5250	Pass
			30	120	5229.899	5150 to 5250	Pass
			40	120	5229.637	5150 to 5250	Pass
		50	120	5229.985	5150 to 5250	Pass	
	5755	20	102	5754.517	5725 to 5850	Pass	
			120	5754.598	5725 to 5850	Pass	
			138	5754.757	5725 to 5850	Pass	
			-30	120	5754.875	5725 to 5850	Pass
			-20	120	5755.068	5725 to 5850	Pass
			-10	120	5754.533	5725 to 5850	Pass
			0	120	5754.854	5725 to 5850	Pass
			10	120	5754.961	5725 to 5850	Pass
			30	120	5755.147	5725 to 5850	Pass
			40	120	5754.841	5725 to 5850	Pass
		50	120	5754.915	5725 to 5850	Pass	
	5795	20	102	5795.058	5725 to 5850	Pass	
			120	5795.058	5725 to 5850	Pass	
			138	5795.058	5725 to 5850	Pass	
			-30	120	5795.058	5725 to 5850	Pass
			-20	120	5795.058	5725 to 5850	Pass
		-10	120	5795.057	5725 to 5850	Pass	

			0	120	5795.057	5725 to 5850	Pass
			10	120	5795.057	5725 to 5850	Pass
			30	120	5795.057	5725 to 5850	Pass
			40	120	5795.057	5725 to 5850	Pass
			50	120	5795.057	5725 to 5850	Pass
		5210	20	102	5210.051	5150 to 5250	Pass
				120	5210.051	5150 to 5250	Pass
				138	5210.051	5150 to 5250	Pass
			-30	120	5210.051	5150 to 5250	Pass
			-20	120	5210.051	5150 to 5250	Pass
			-10	120	5210.051	5150 to 5250	Pass
			0	120	5210.051	5150 to 5250	Pass
			10	120	5210.050	5150 to 5250	Pass
			30	120	5210.050	5150 to 5250	Pass
			40	120	5210.050	5150 to 5250	Pass
			50	120	5210.050	5150 to 5250	Pass
			5775	20	102	5775.056	5725 to 5850
		120			5775.055	5725 to 5850	Pass
		138			5775.055	5725 to 5850	Pass
		-30		120	5775.055	5725 to 5850	Pass
		-20		120	5775.055	5725 to 5850	Pass
		-10		120	5775.055	5725 to 5850	Pass
		0		120	5775.055	5725 to 5850	Pass
		10		120	5775.055	5725 to 5850	Pass
		30		120	5775.055	5725 to 5850	Pass
		40		120	5775.055	5725 to 5850	Pass
		50	120	5775.055	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	0.0174	12.40
5745	5825	0.0110	10.42
5190	5230	0.0167	12.22
5755	5795	0.0107	10.30
5210	5210	0.0118	10.73