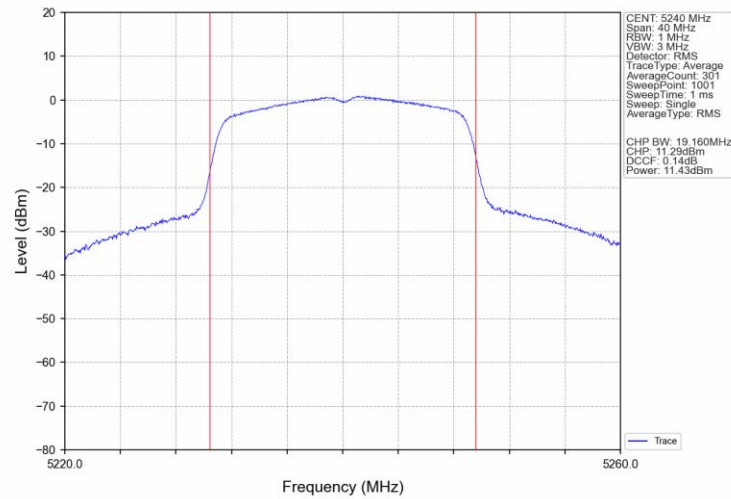
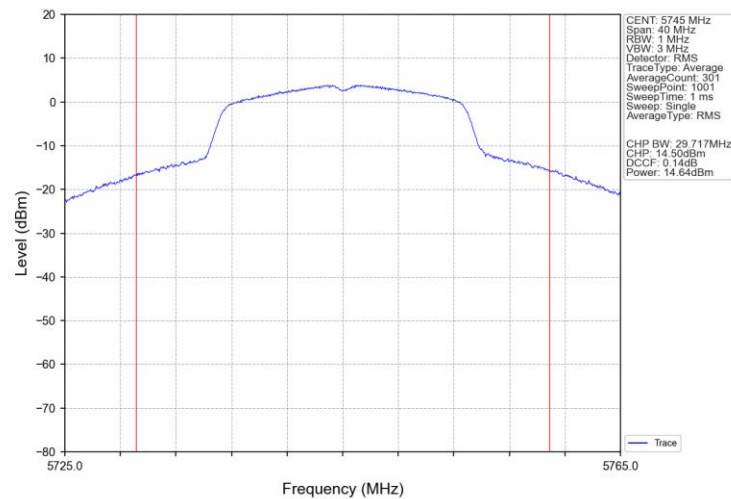


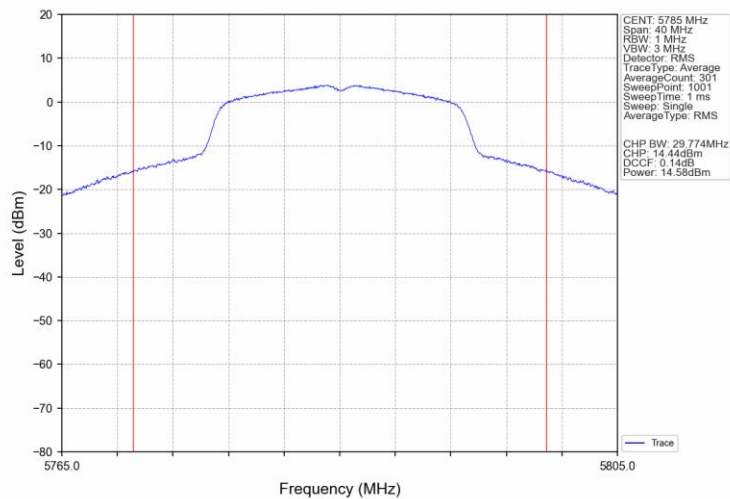
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



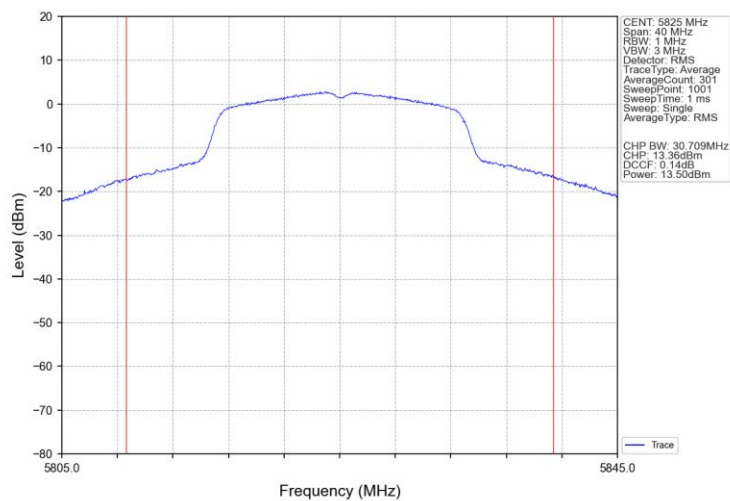
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



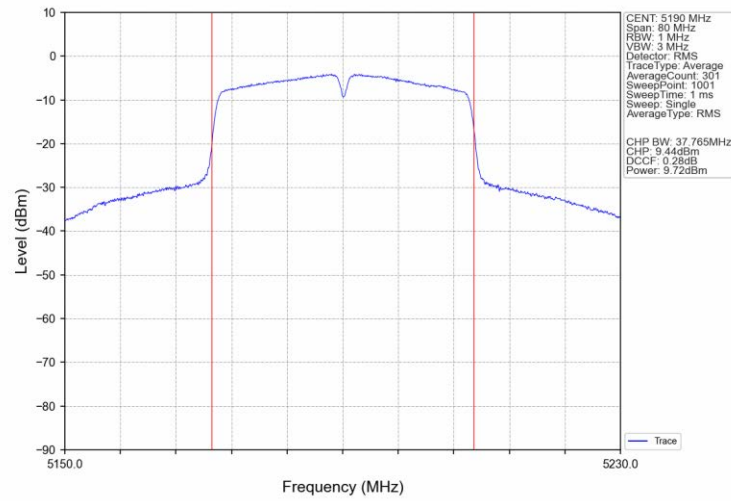
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



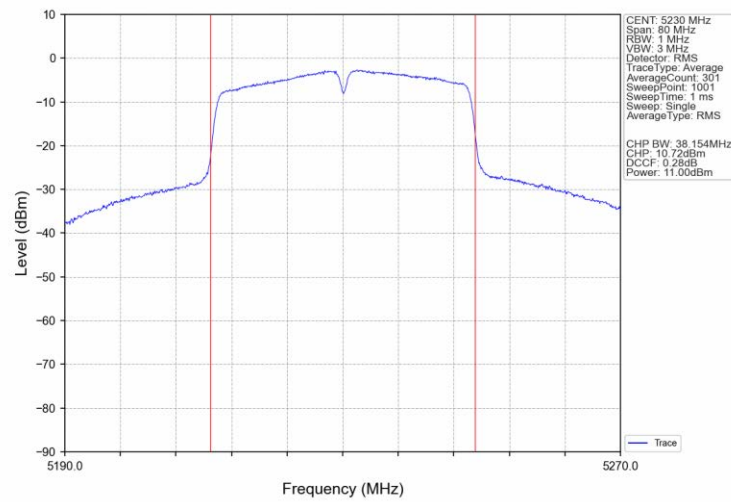
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



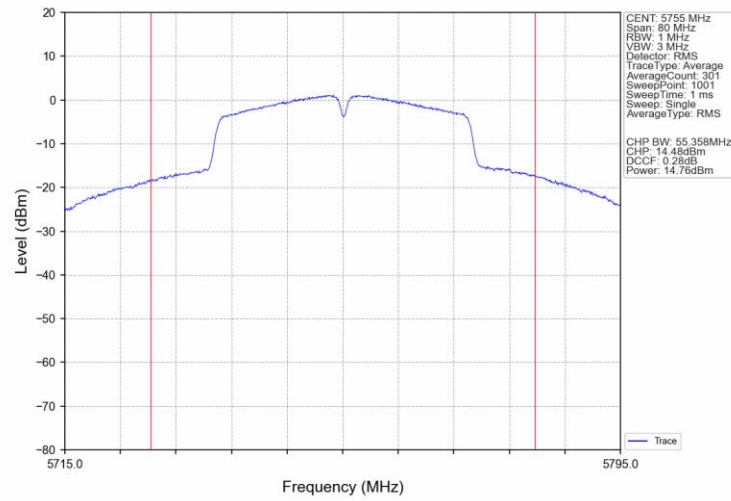
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



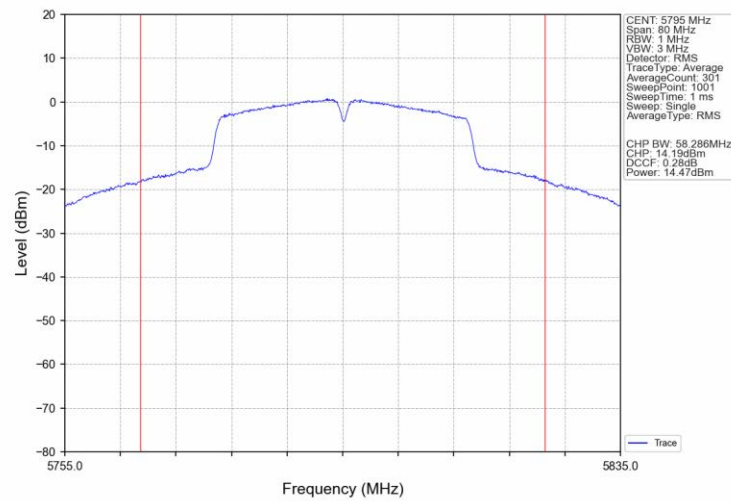
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



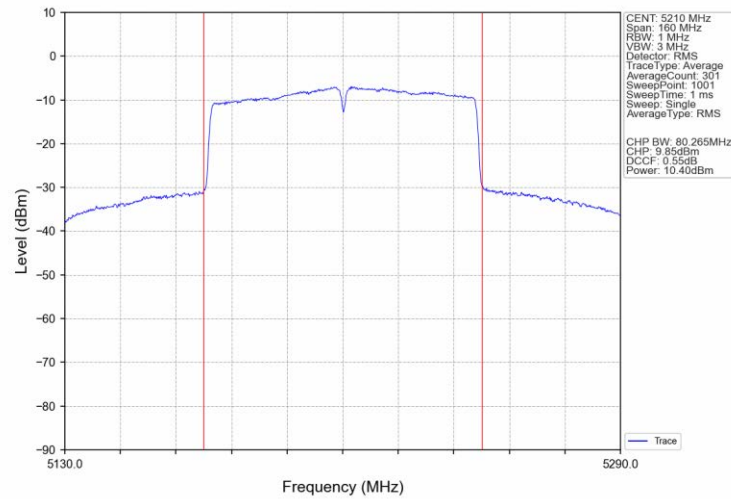
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



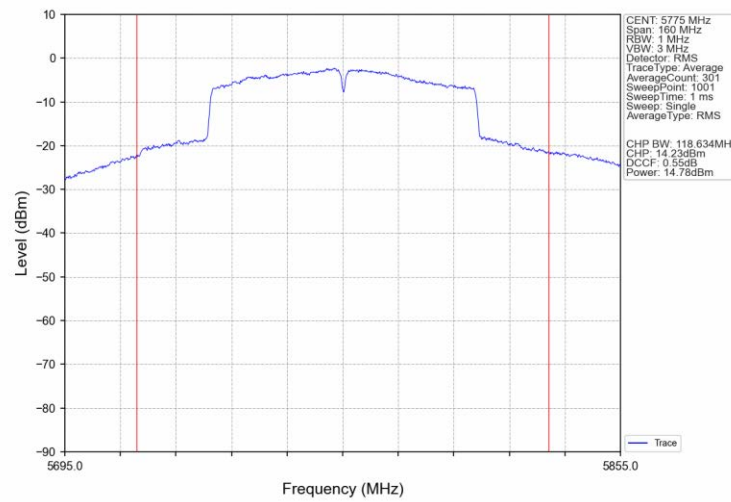
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



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	-0.19	<=11	Pass
		5200	-0.22	<=11	Pass
		5240	1.62	<=11	Pass
802.11n (HT20)	SISO	5180	-0.96	<=11	Pass
		5200	-0.68	<=11	Pass
		5240	0.88	<=11	Pass
802.11n (HT40)	SISO	5190	-3.66	<=11	Pass
		5230	-2.24	<=11	Pass
802.11ac (VHT20)	SISO	5180	-1.00	<=11	Pass
		5200	-0.91	<=11	Pass
		5240	0.96	<=11	Pass
802.11ac (VHT40)	SISO	5190	-3.77	<=11	Pass
		5230	-2.52	<=11	Pass
802.11ac (VHT80)	SISO	5210	-6.35	<=11	Pass

Note1: Antenna Gain: Ant1: 1.40dBi;

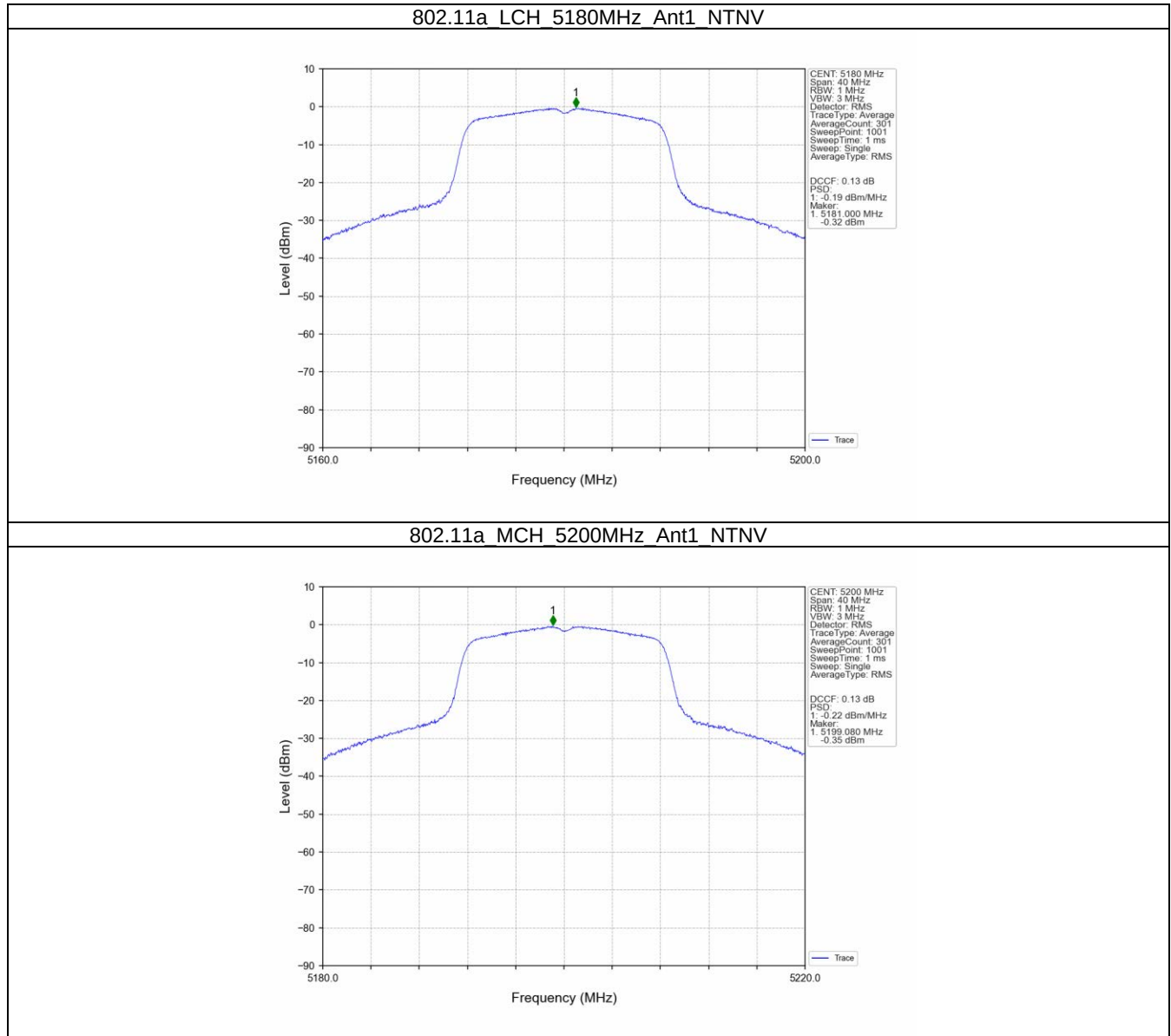
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	1.58	<=30	Pass
		5785	1.66	<=30	Pass
		5825	-3.56	<=30	Pass
802.11n (HT20)	SISO	5745	1.29	<=30	Pass
		5785	1.12	<=30	Pass
		5825	-3.68	<=30	Pass
802.11n (HT40)	SISO	5755	-5.52	<=30	Pass
		5795	-1.95	<=30	Pass
802.11ac (VHT20)	SISO	5745	1.20	<=30	Pass
		5785	1.31	<=30	Pass
		5825	0.33	<=30	Pass
802.11ac (VHT40)	SISO	5755	-1.49	<=30	Pass
		5795	-1.98	<=30	Pass
802.11ac (VHT80)	SISO	5775	-4.30	<=30	Pass

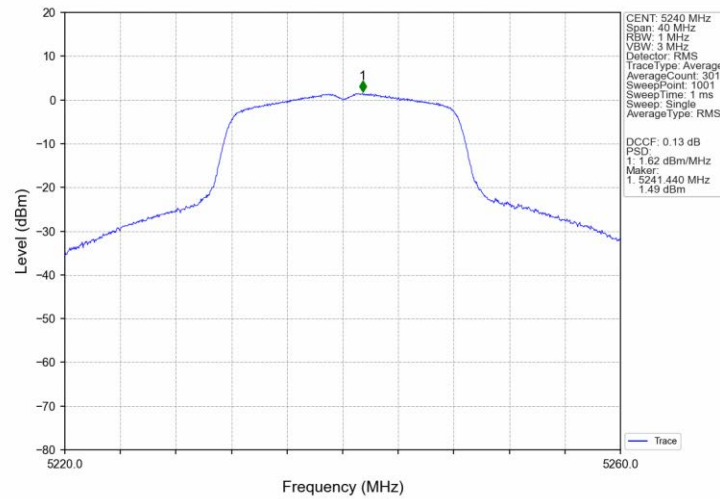
Note1: Antenna Gain: Ant1: 1.36dBi;

4.2 Test Graph

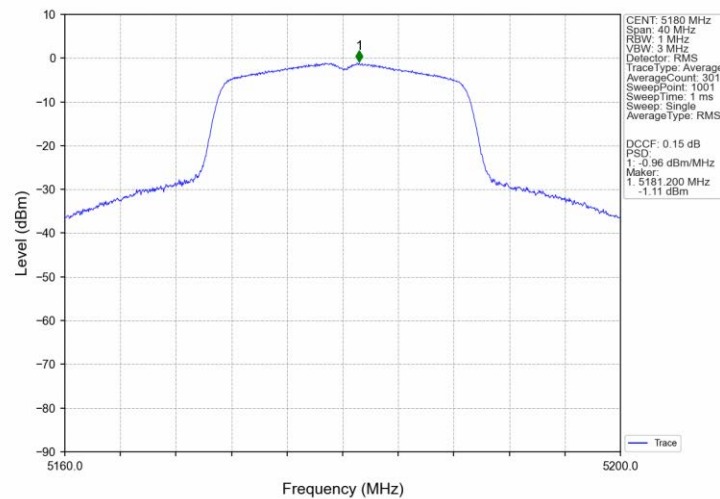
4.2.1 PSD



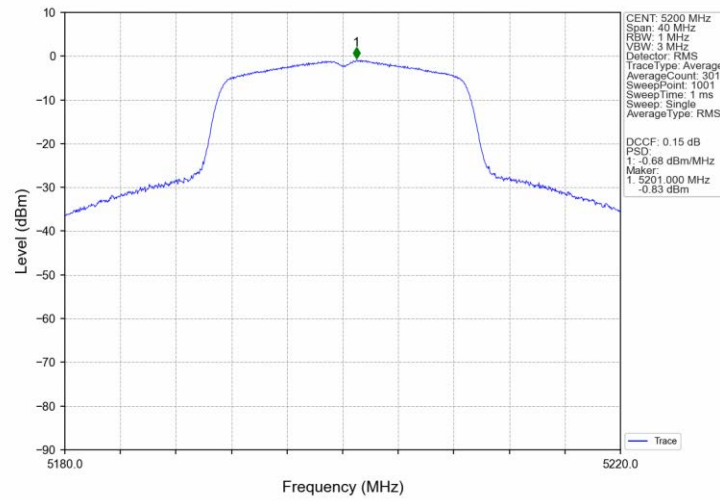
802.11a_HCH_5240MHz_Ant1_NTNV



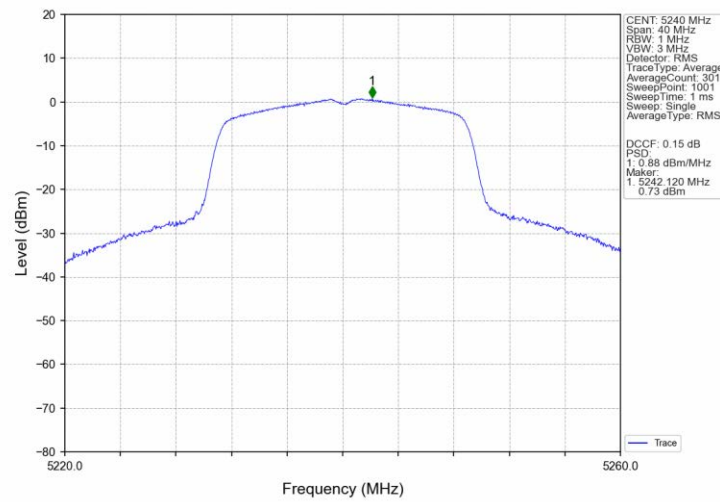
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



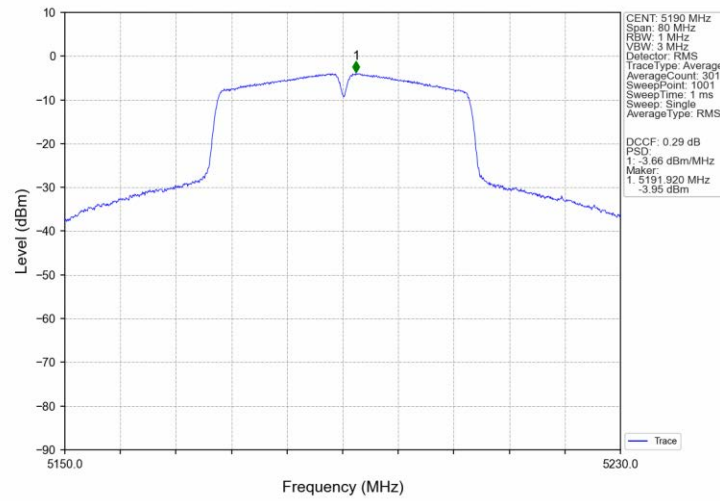
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



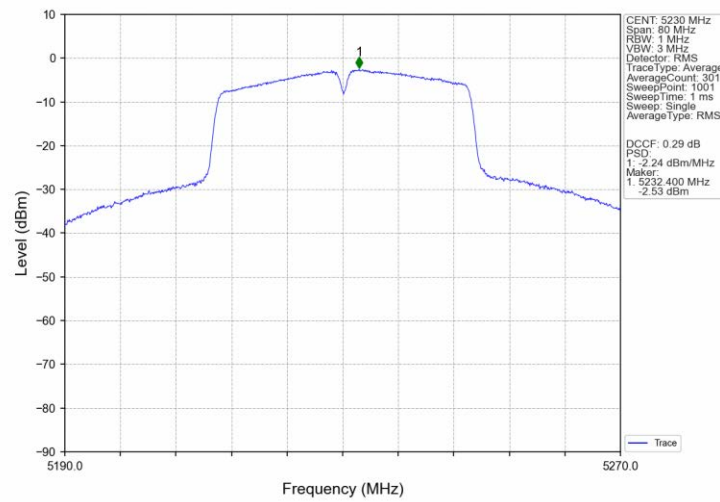
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



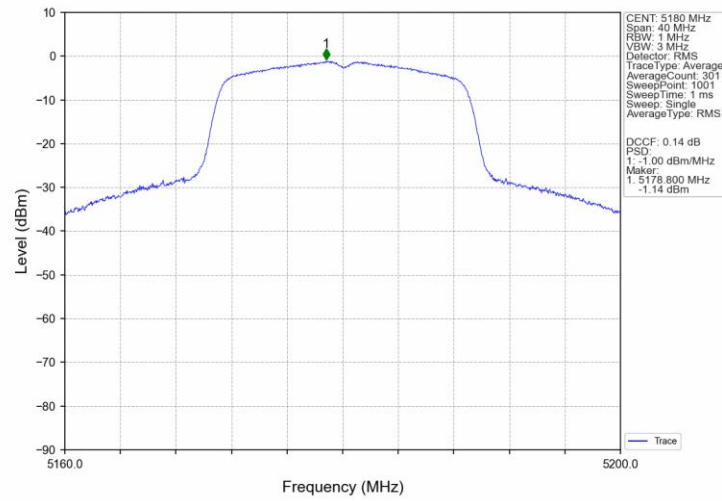
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



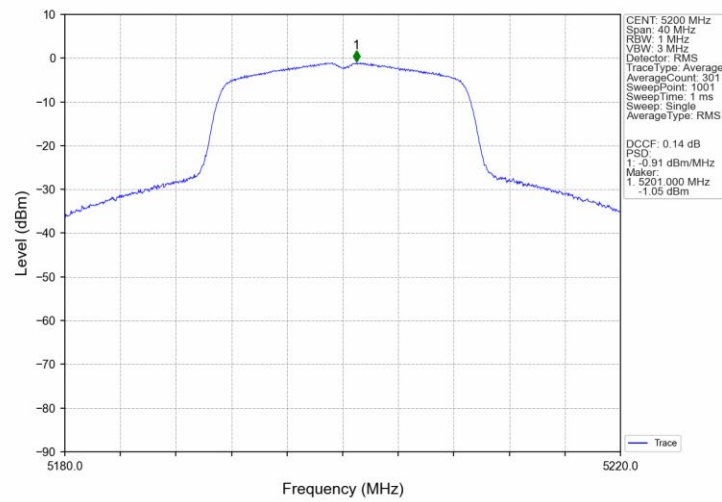
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



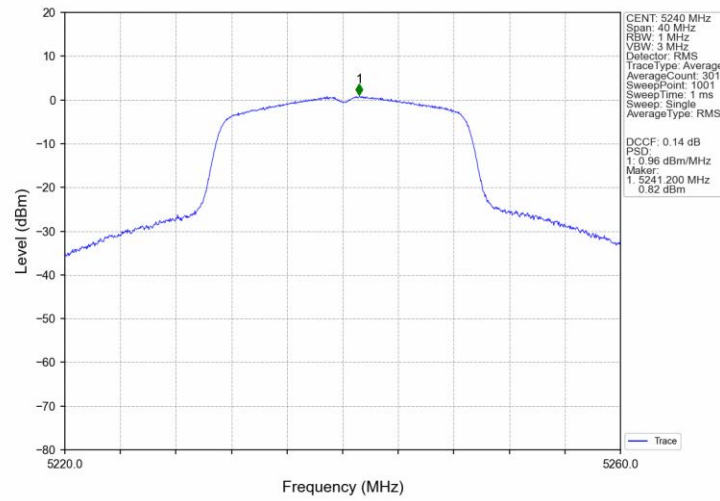
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



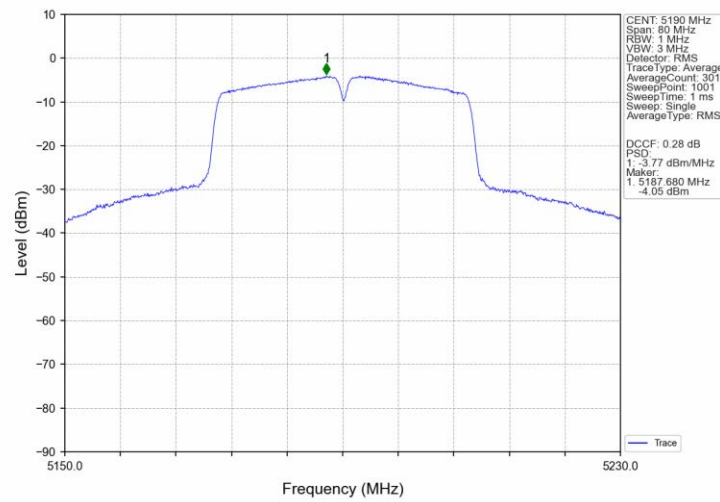
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



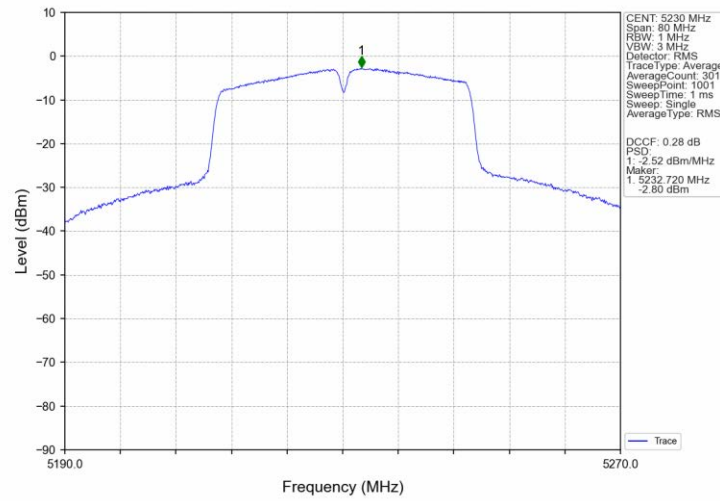
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



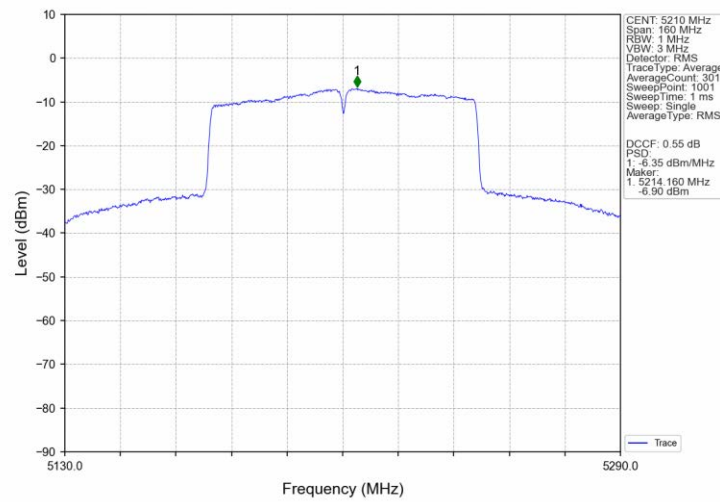
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV

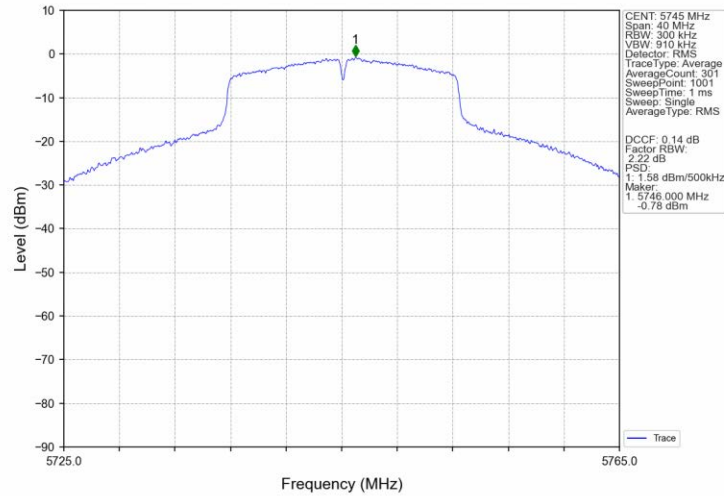


802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV

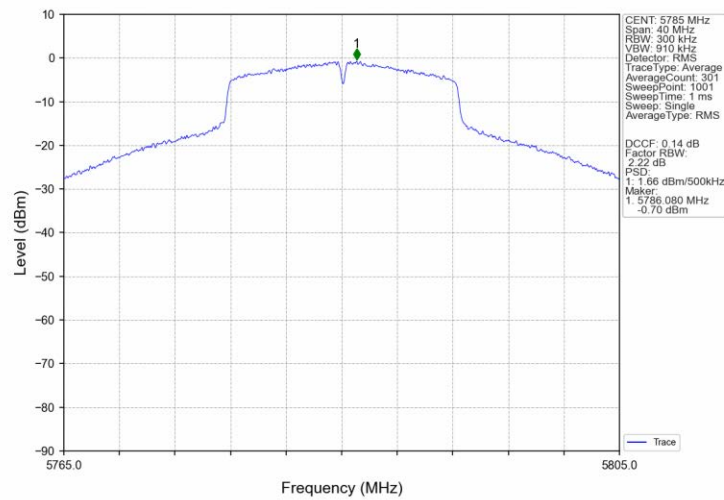


4.2.2 PSD-Band3

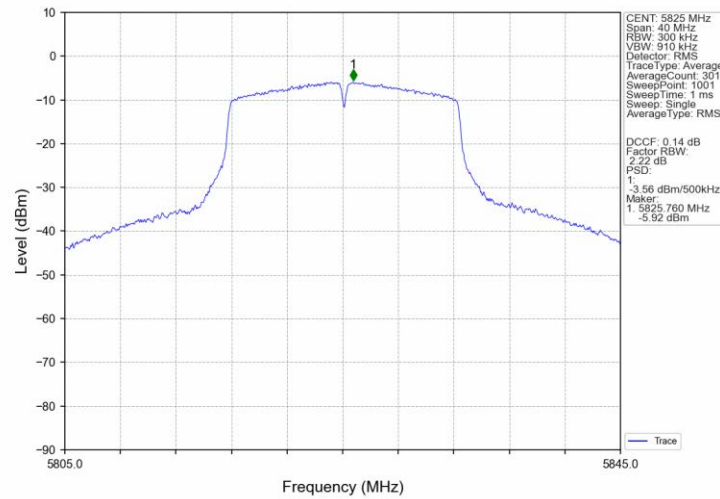
802.11a LCH 5745MHz Ant1 NTNV



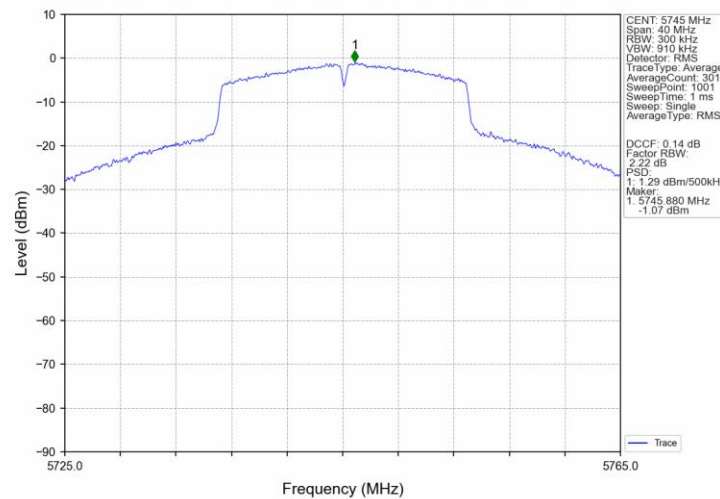
802.11a MCH 5785MHz Ant1 NTNV



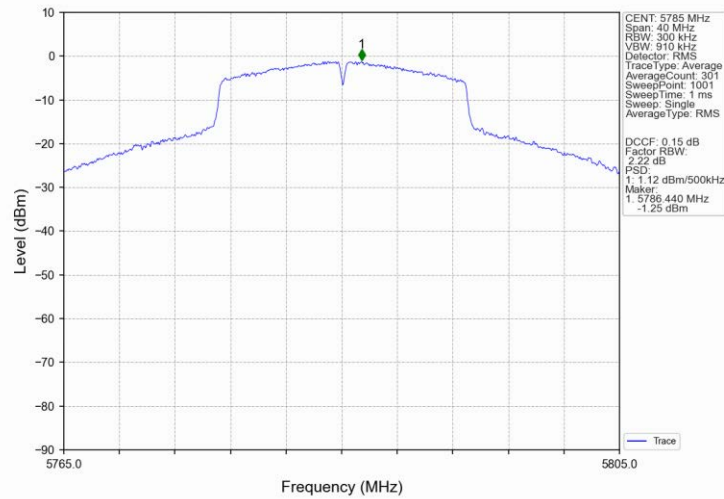
802.11a_HCH_5825MHz_Ant1_NTNV



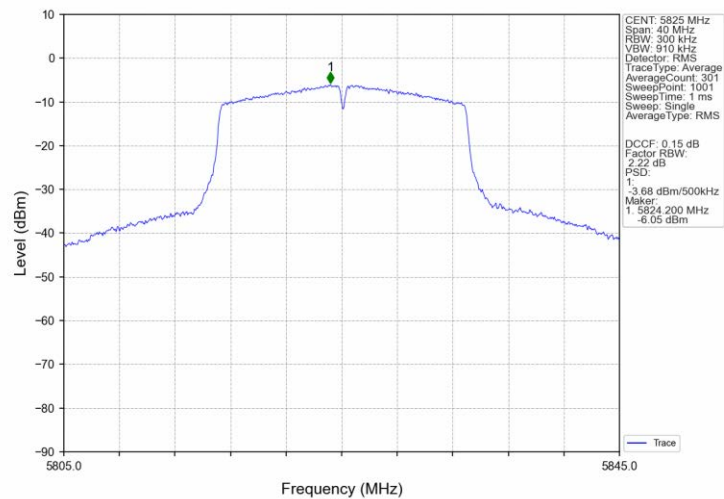
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



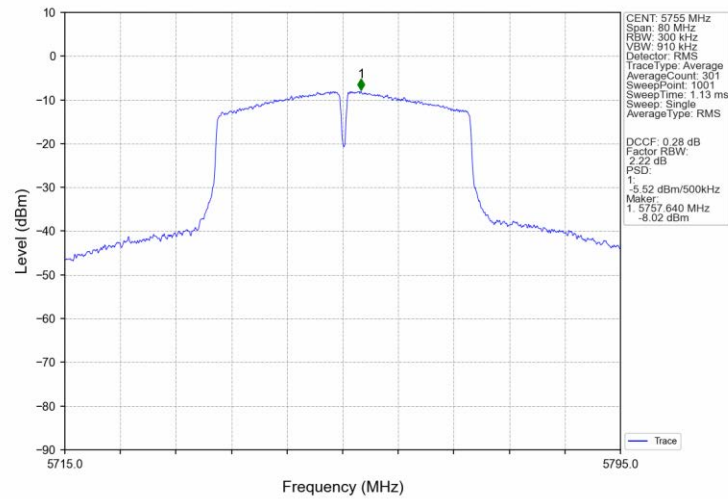
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



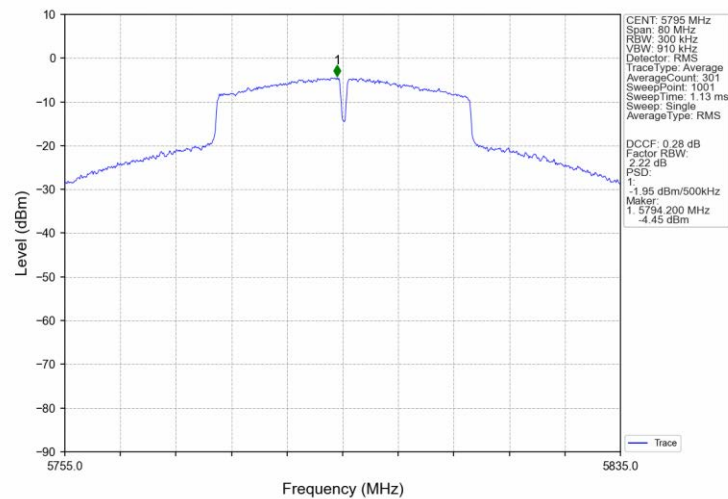
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



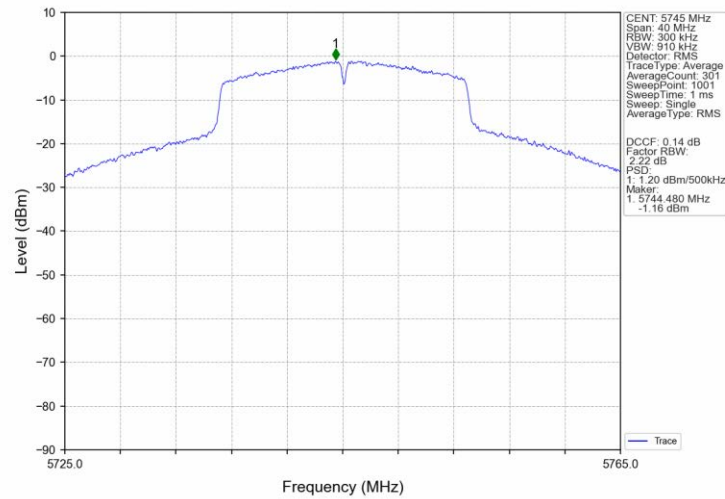
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



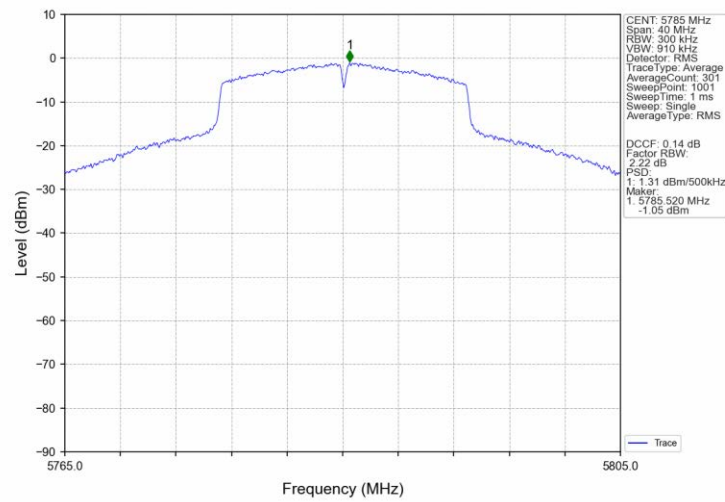
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



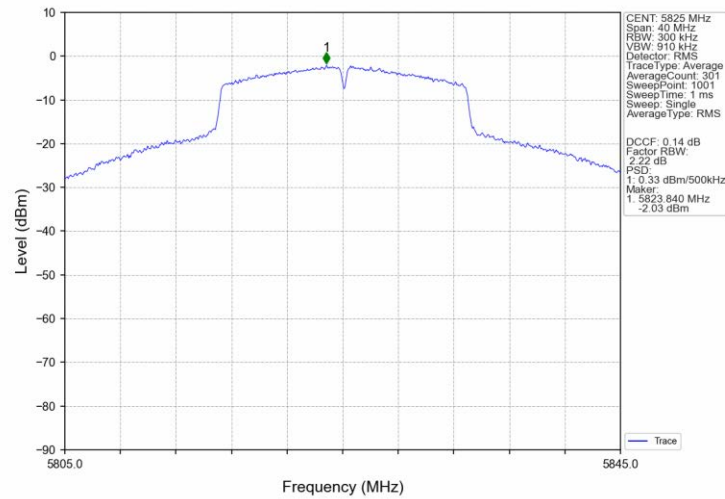
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



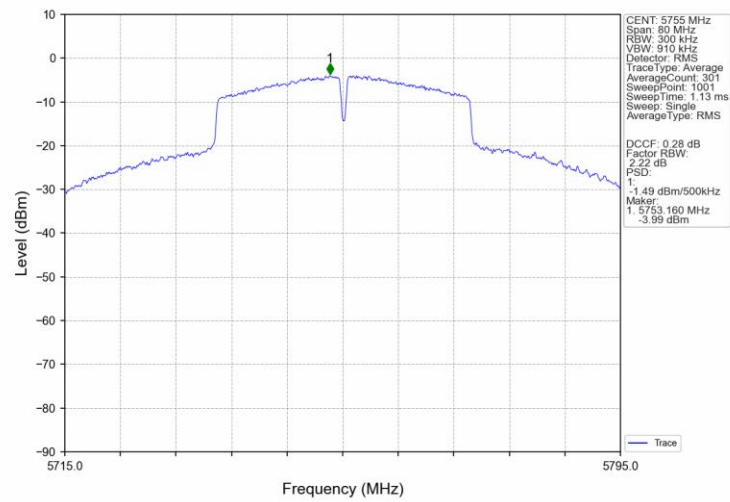
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



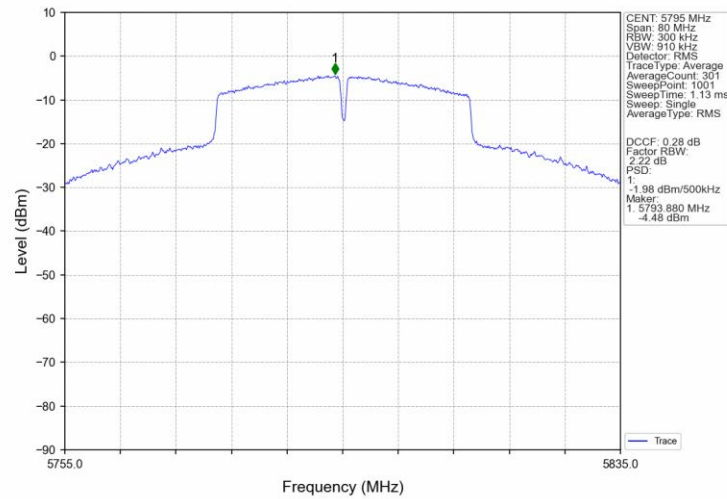
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



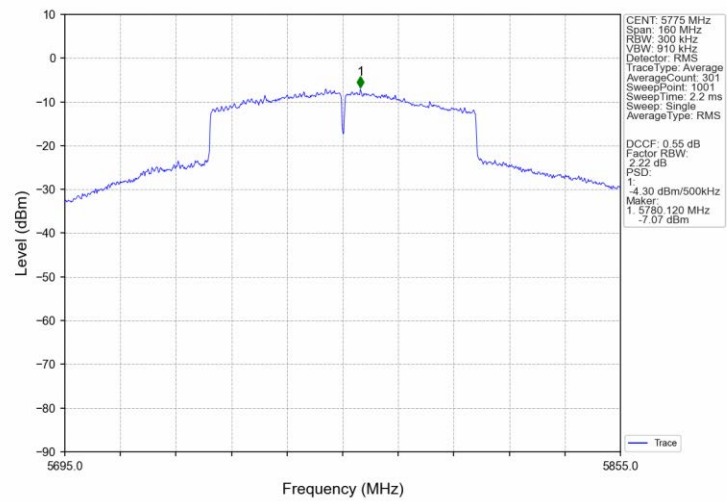
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



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	5180.040	5150 to 5250	Pass
				120	5180.040	5150 to 5250	Pass
				138	5180.040	5150 to 5250	Pass
			-30	120	5180.040	5150 to 5250	Pass
			-20	120	5180.040	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5180.040	5150 to 5250	Pass
			10	120	5180.040	5150 to 5250	Pass
			30	120	5180.040	5150 to 5250	Pass
			40	120	5180.040	5150 to 5250	Pass
			50	120	5180.040	5150 to 5250	Pass
		5200	20	102	5200.040	5150 to 5250	Pass
				120	5200.040	5150 to 5250	Pass
				138	5200.040	5150 to 5250	Pass
			-30	120	5200.040	5150 to 5250	Pass
			-20	120	5200.040	5150 to 5250	Pass
			-10	120	5200.040	5150 to 5250	Pass
			0	120	5200.040	5150 to 5250	Pass
			10	120	5200.040	5150 to 5250	Pass
			30	120	5200.040	5150 to 5250	Pass
			40	120	5200.040	5150 to 5250	Pass
			50	120	5200.040	5150 to 5250	Pass
		5240	20	102	5240.040	5150 to 5250	Pass
				120	5240.040	5150 to 5250	Pass
				138	5240.040	5150 to 5250	Pass
			-30	120	5240.040	5150 to 5250	Pass
			-20	120	5240.040	5150 to 5250	Pass
			-10	120	5240.040	5150 to 5250	Pass
			0	120	5240.040	5150 to 5250	Pass
			10	120	5240.040	5150 to 5250	Pass
			30	120	5240.040	5150 to 5250	Pass
			40	120	5240.040	5150 to 5250	Pass
			50	120	5240.040	5150 to 5250	Pass
		5745	20	102	5745.044	5725 to 5850	Pass
				120	5745.044	5725 to 5850	Pass
				138	5745.044	5725 to 5850	Pass
			-30	120	5745.044	5725 to 5850	Pass
			-20	120	5745.044	5725 to 5850	Pass
			-10	120	5745.044	5725 to 5850	Pass
			0	120	5745.044	5725 to 5850	Pass
			10	120	5745.044	5725 to 5850	Pass
			30	120	5745.044	5725 to 5850	Pass
			40	120	5745.044	5725 to 5850	Pass
			50	120	5745.044	5725 to 5850	Pass
		5785	20	102	5785.044	5725 to 5850	Pass
				120	5785.044	5725 to 5850	Pass

				138	5785.044	5725 to 5850	Pass
			-30	120	5785.044	5725 to 5850	Pass
			-20	120	5785.044	5725 to 5850	Pass
			-10	120	5785.044	5725 to 5850	Pass
			0	120	5785.044	5725 to 5850	Pass
			10	120	5785.044	5725 to 5850	Pass
			30	120	5785.044	5725 to 5850	Pass
			40	120	5785.044	5725 to 5850	Pass
			50	120	5785.044	5725 to 5850	Pass
		5825	20	102	5825.045	5725 to 5850	Pass
				120	5825.045	5725 to 5850	Pass
				138	5825.045	5725 to 5850	Pass
			-30	120	5825.045	5725 to 5850	Pass
			-20	120	5825.045	5725 to 5850	Pass
			-10	120	5825.045	5725 to 5850	Pass
			0	120	5825.045	5725 to 5850	Pass
			10	120	5825.044	5725 to 5850	Pass
			30	120	5825.044	5725 to 5850	Pass
			40	120	5825.044	5725 to 5850	Pass
			50	120	5825.044	5725 to 5850	Pass
		5190	20	102	5190.039	5150 to 5250	Pass
				120	5190.039	5150 to 5250	Pass
				138	5190.039	5150 to 5250	Pass
			-30	120	5190.039	5150 to 5250	Pass
			-20	120	5190.039	5150 to 5250	Pass
			-10	120	5190.039	5150 to 5250	Pass
			0	120	5190.039	5150 to 5250	Pass
			10	120	5190.039	5150 to 5250	Pass
			30	120	5190.039	5150 to 5250	Pass
			40	120	5190.039	5150 to 5250	Pass
			50	120	5190.039	5150 to 5250	Pass
		5230	20	102	5230.039	5150 to 5250	Pass
				120	5230.039	5150 to 5250	Pass
				138	5230.040	5150 to 5250	Pass
			-30	120	5230.040	5150 to 5250	Pass
			-20	120	5230.040	5150 to 5250	Pass
			-10	120	5230.040	5150 to 5250	Pass
			0	120	5230.040	5150 to 5250	Pass
			10	120	5230.040	5150 to 5250	Pass
			30	120	5230.040	5150 to 5250	Pass
			40	120	5230.039	5150 to 5250	Pass
			50	120	5230.039	5150 to 5250	Pass
		5755	20	102	5755.044	5725 to 5850	Pass
				120	5755.044	5725 to 5850	Pass
				138	5755.044	5725 to 5850	Pass
			-30	120	5755.044	5725 to 5850	Pass
			-20	120	5755.044	5725 to 5850	Pass
			-10	120	5755.044	5725 to 5850	Pass
			0	120	5755.044	5725 to 5850	Pass
			10	120	5755.044	5725 to 5850	Pass
			30	120	5755.044	5725 to 5850	Pass
			40	120	5755.044	5725 to 5850	Pass
			50	120	5755.044	5725 to 5850	Pass
		5795	20	102	5795.044	5725 to 5850	Pass
				120	5795.044	5725 to 5850	Pass
				138	5795.044	5725 to 5850	Pass
			-30	120	5795.044	5725 to 5850	Pass
			-20	120	5795.044	5725 to 5850	Pass
			-10	120	5795.044	5725 to 5850	Pass

			0	120	5795.044	5725 to 5850	Pass
			10	120	5795.044	5725 to 5850	Pass
			30	120	5795.044	5725 to 5850	Pass
			40	120	5795.044	5725 to 5850	Pass
			50	120	5795.044	5725 to 5850	Pass
		5210	20	102	5210.043	5150 to 5250	Pass
				120	5210.043	5150 to 5250	Pass
				138	5210.043	5150 to 5250	Pass
			-30	120	5210.043	5150 to 5250	Pass
			-20	120	5210.043	5150 to 5250	Pass
			-10	120	5210.043	5150 to 5250	Pass
			0	120	5210.043	5150 to 5250	Pass
			10	120	5210.042	5150 to 5250	Pass
			30	120	5210.042	5150 to 5250	Pass
			40	120	5210.042	5150 to 5250	Pass
			50	120	5210.042	5150 to 5250	Pass
		5775	20	102	5775.045	5725 to 5850	Pass
				120	5775.045	5725 to 5850	Pass
				138	5775.045	5725 to 5850	Pass
			-30	120	5775.045	5725 to 5850	Pass
			-20	120	5775.045	5725 to 5850	Pass
			-10	120	5775.045	5725 to 5850	Pass
			0	120	5775.045	5725 to 5850	Pass
			10	120	5775.045	5725 to 5850	Pass
			30	120	5775.045	5725 to 5850	Pass
			40	120	5775.045	5725 to 5850	Pass
			50	120	5775.045	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	0.0155	11.89
5745	5825	0.0291	14.64
5190	5230	0.0126	11.01
5755	5795	0.0299	14.76
5210	5210	0.0110	10.40