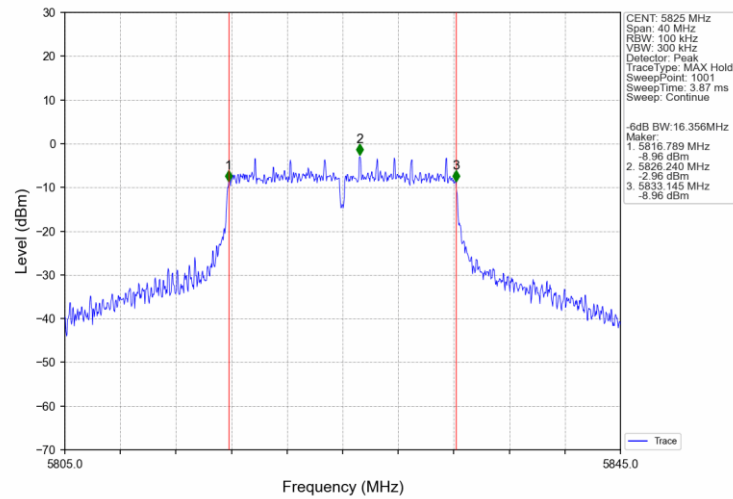
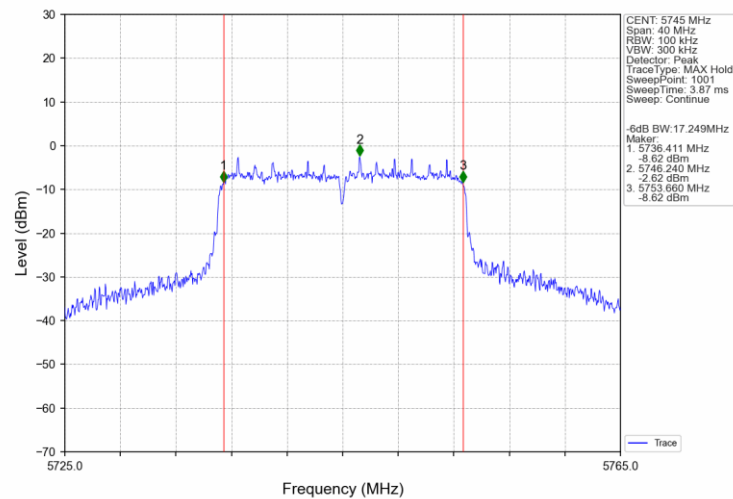


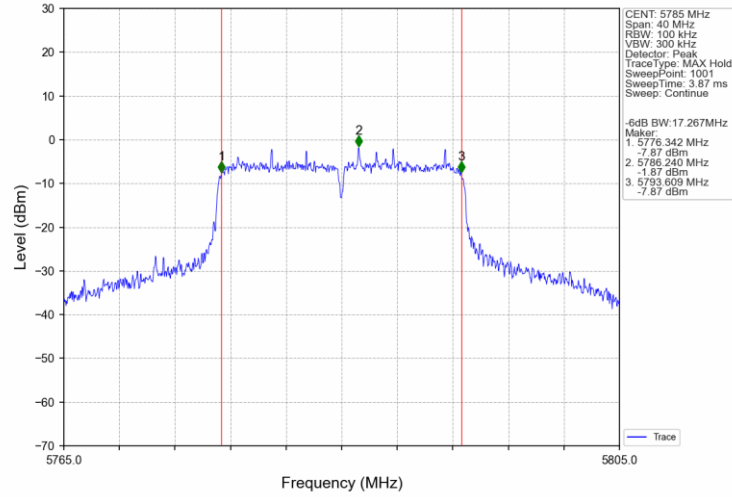
802.11a HCH 5825MHz Ant1 NTV



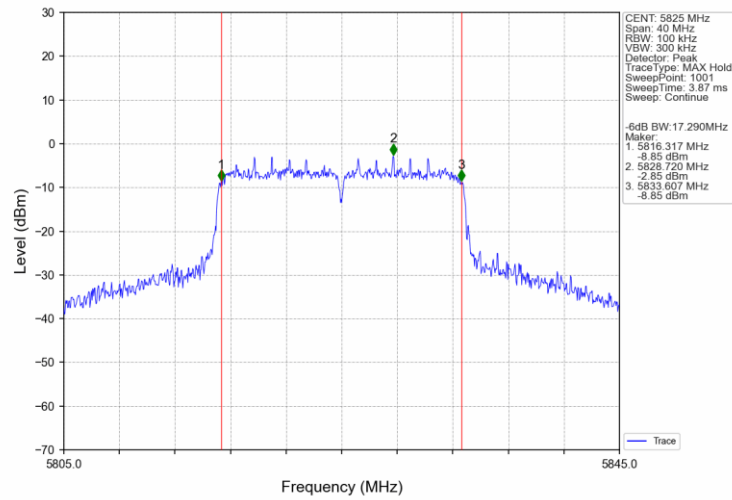
802.11n(HT20) LCH 5745MHz Ant1 NTV



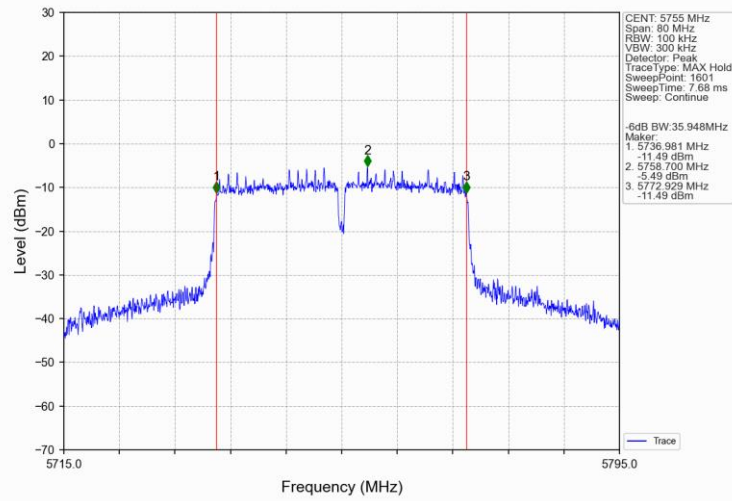
802.11n(HT20) MCH 5785MHz Ant1 NTNv



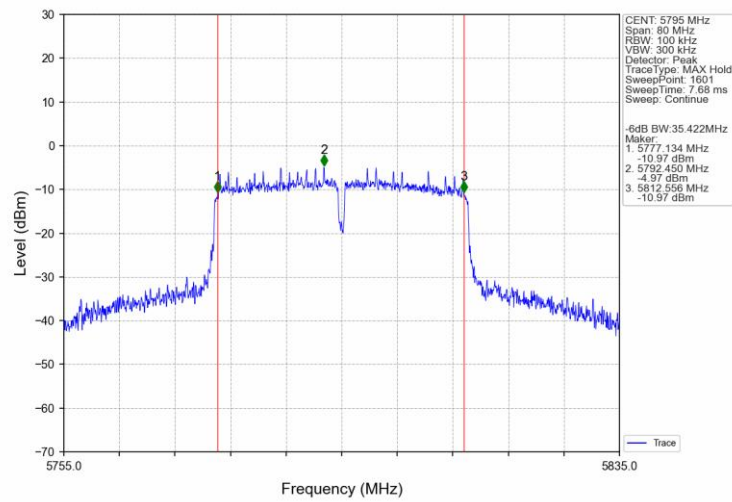
802.11n(HT20) HCH 5825MHz Ant1 NTNv



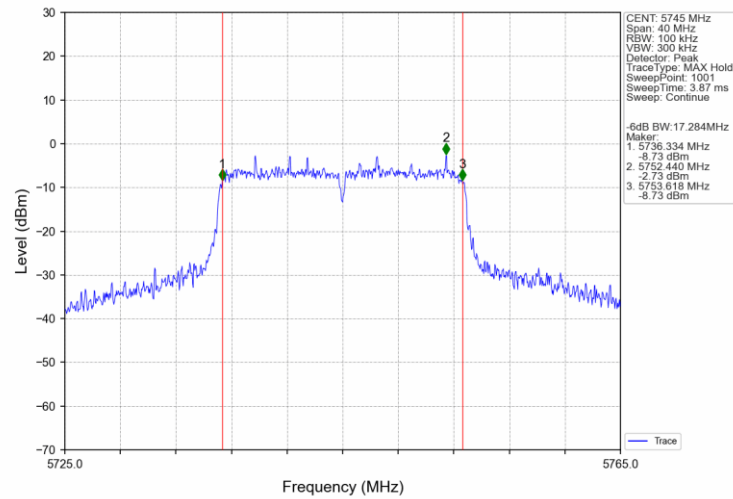
802.11n(HT40) LCH 5755MHz Ant1 NTN



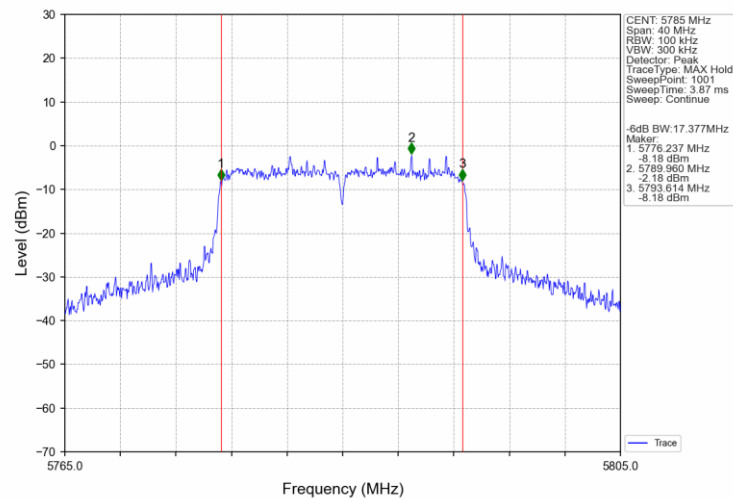
802.11n(HT40) HCH 5795MHz Ant1 NTN



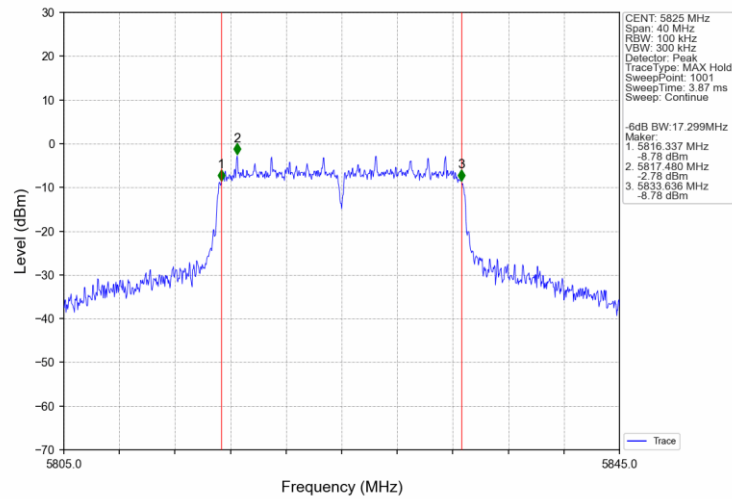
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



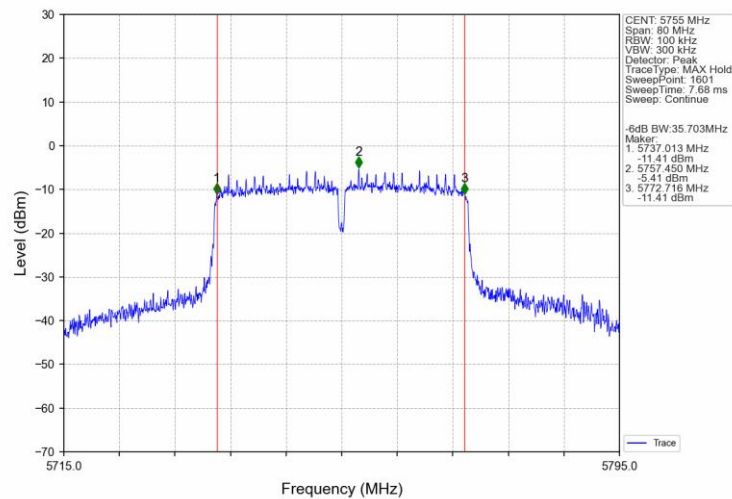
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



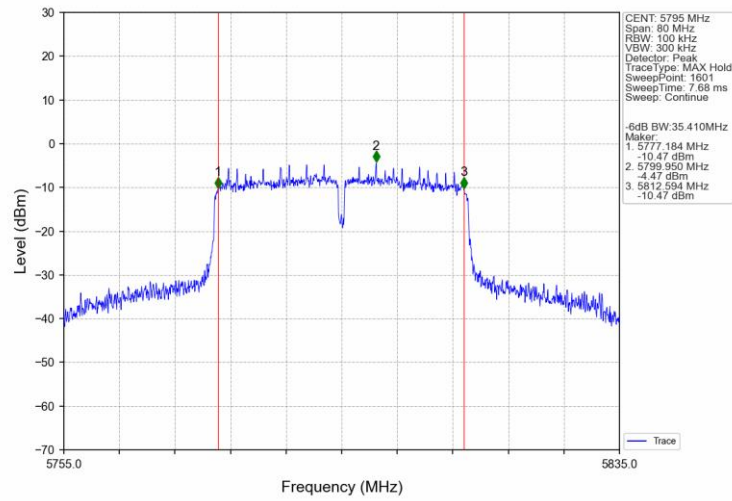
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



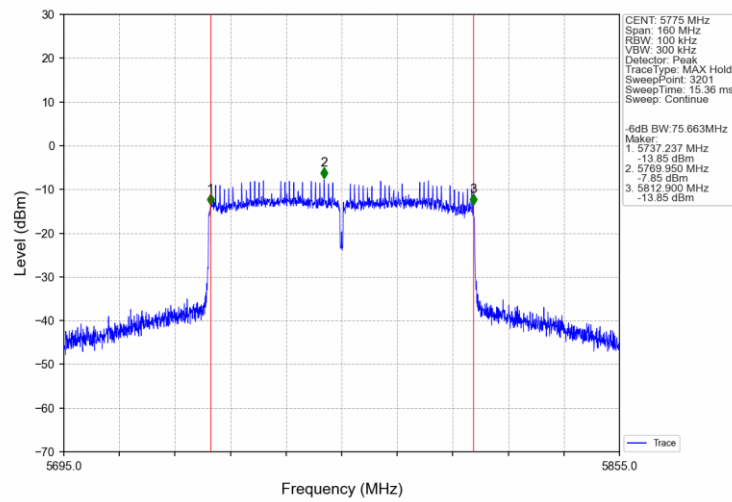
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



3. Maximum Conducted Output Power

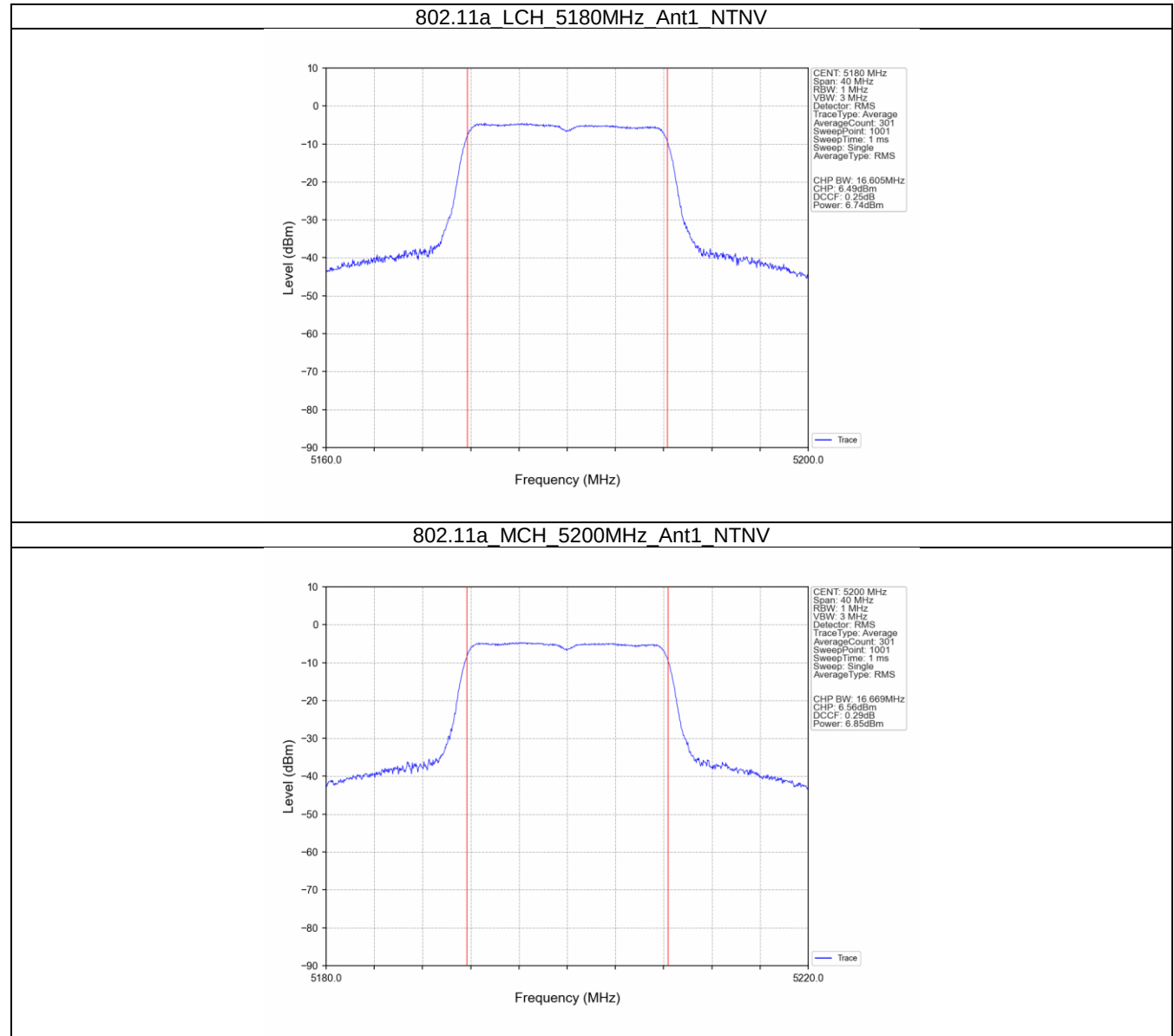
3.1 Test Result

3.1.1 Power

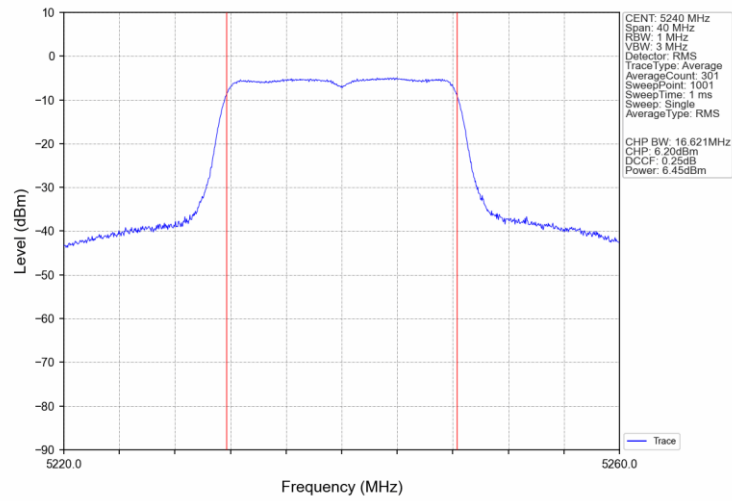
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	6.74	<=23.98	Pass
		5200	6.85	<=23.98	Pass
		5240	6.45	<=23.98	Pass
		5745	8.25	<=30	Pass
		5785	8.68	<=30	Pass
		5825	7.79	<=30	Pass
802.11n (HT20)	SISO	5180	7.34	<=23.98	Pass
		5200	7.05	<=23.98	Pass
		5240	6.67	<=23.98	Pass
		5745	8.72	<=30	Pass
		5785	9.32	<=30	Pass
		5825	8.50	<=30	Pass
802.11n (HT40)	SISO	5190	7.08	<=23.98	Pass
		5230	6.37	<=23.98	Pass
		5755	8.76	<=30	Pass
		5795	9.09	<=30	Pass
802.11ac (VHT20)	SISO	5180	7.36	<=23.98	Pass
		5200	7.03	<=23.98	Pass
		5240	6.86	<=23.98	Pass
		5745	8.65	<=30	Pass
		5785	9.30	<=30	Pass
		5825	8.45	<=30	Pass
802.11ac (VHT40)	SISO	5190	7.09	<=23.98	Pass
		5230	6.42	<=23.98	Pass
		5755	8.71	<=30	Pass
		5795	9.43	<=30	Pass
802.11ac (VHT80)	SISO	5210	6.32	<=23.98	Pass
		5775	8.10	<=30	Pass

3.2 Test Graph

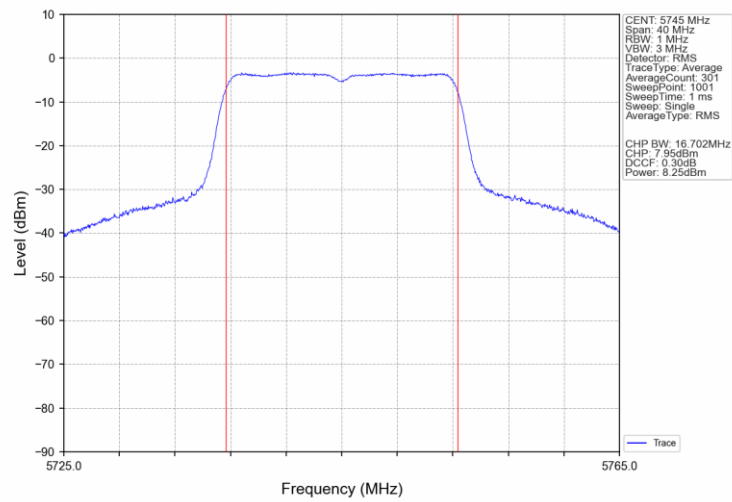
3.2.1 Power



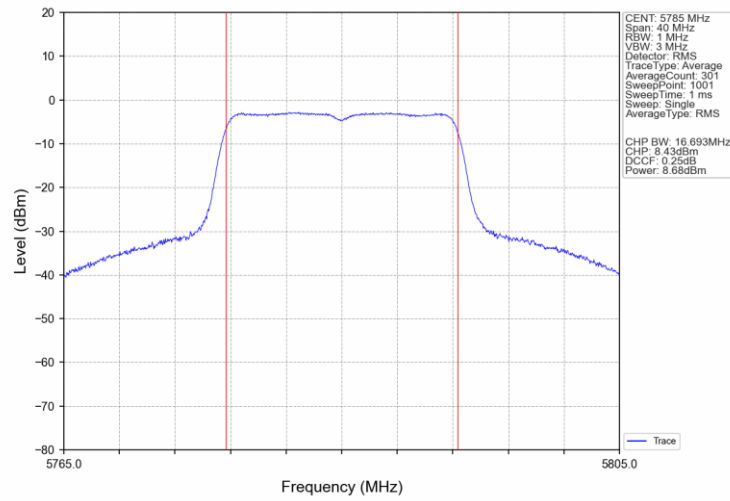
802.11a_HCH_5240MHz_Ant1_NTNV



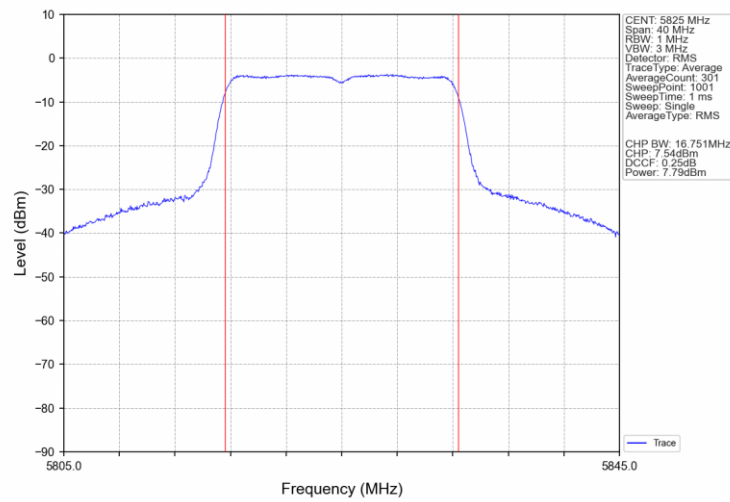
802.11a_LCH_5745MHz_Ant1_NTNV



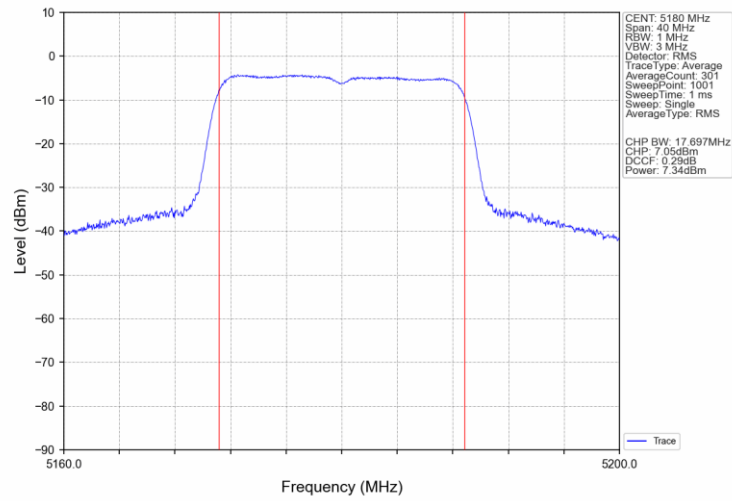
802.11a_MCH_5785MHz_Ant1_NTNV



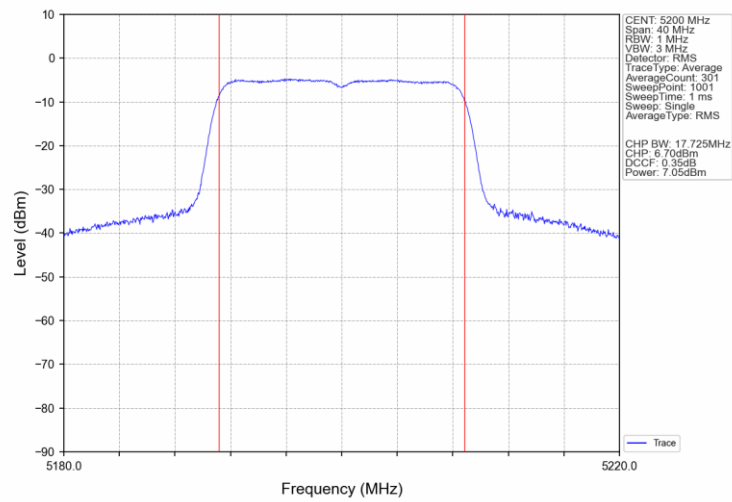
802.11a_HCH_5825MHz_Ant1_NTNV



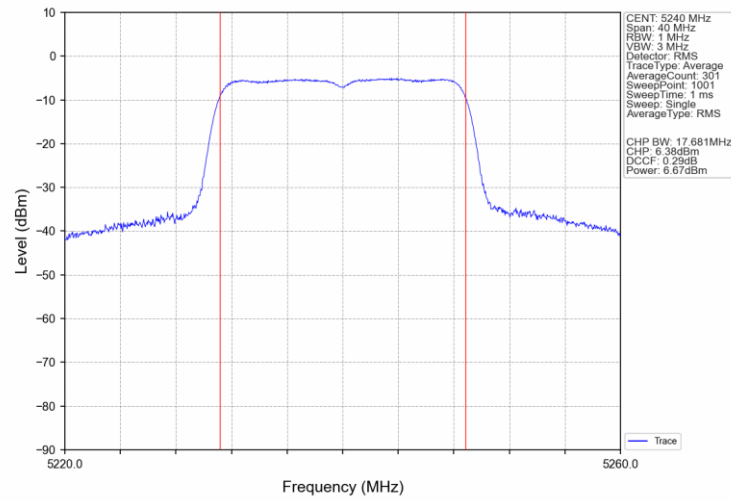
802.11n(HT20) LCH 5180MHz Ant1 NTN



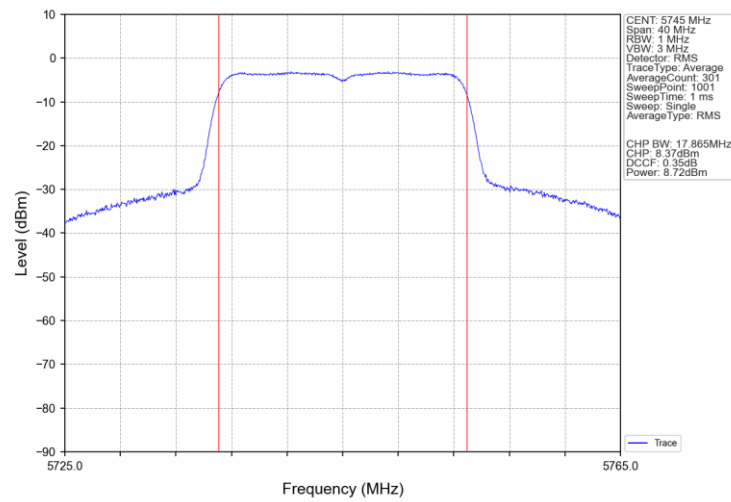
802.11n(HT20) MCH 5200MHz Ant1 NTN



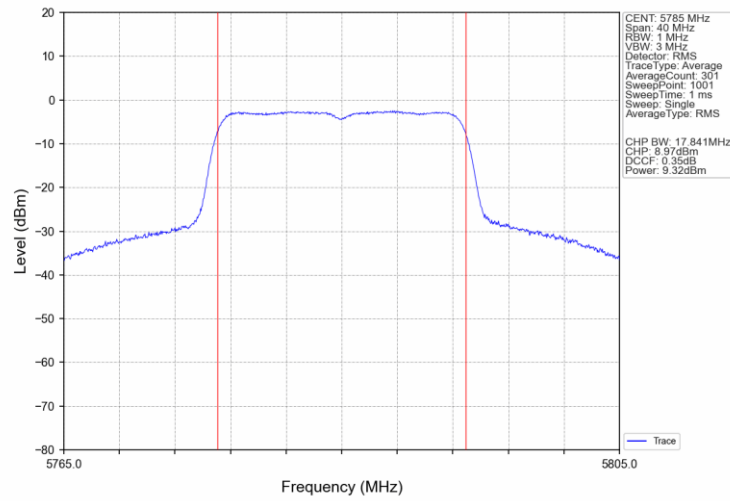
802.11n(HT20) HCH 5240MHz Ant1 NTN



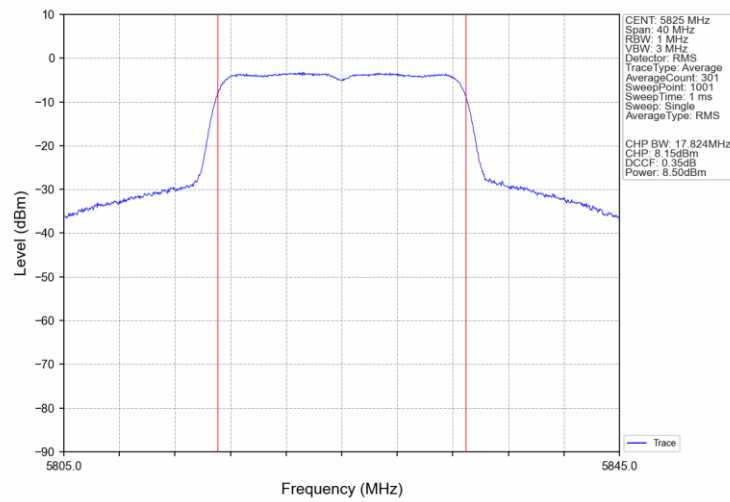
802.11n(HT20) LCH 5745MHz Ant1 NTN



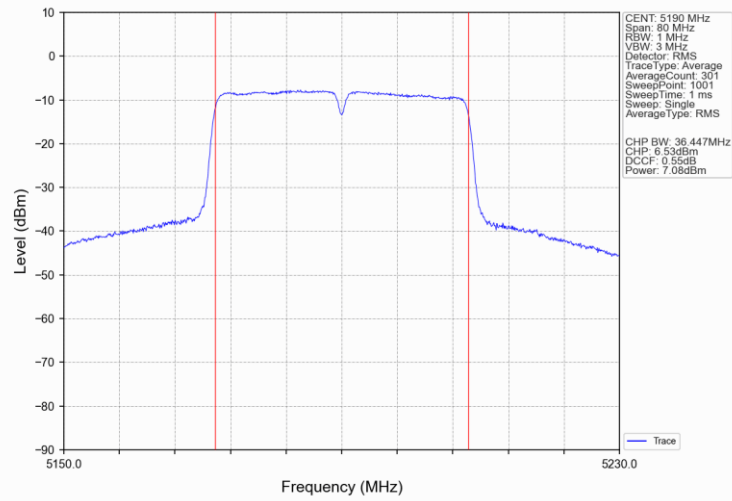
802.11n(HT20) MCH 5785MHz Ant1 NTN



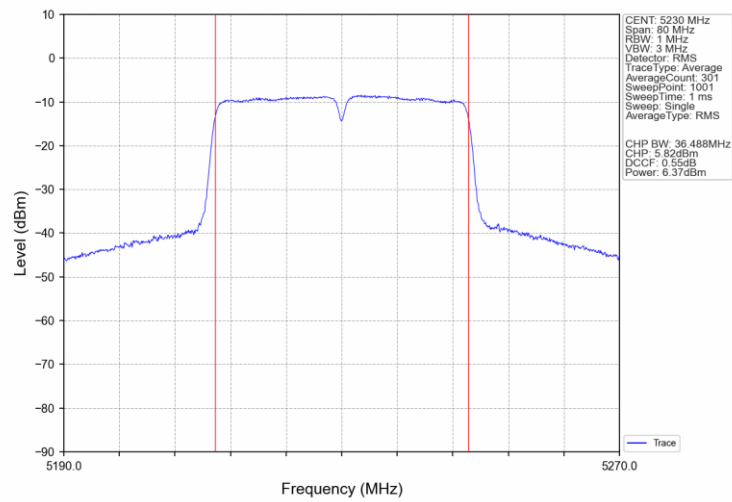
802.11n(HT20) HCH 5825MHz Ant1 NTN



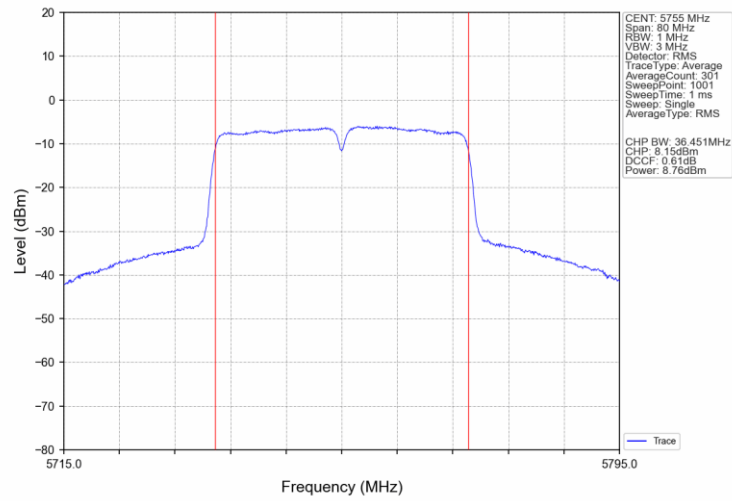
802.11n(HT40) LCH 5190MHz Ant1 NTN



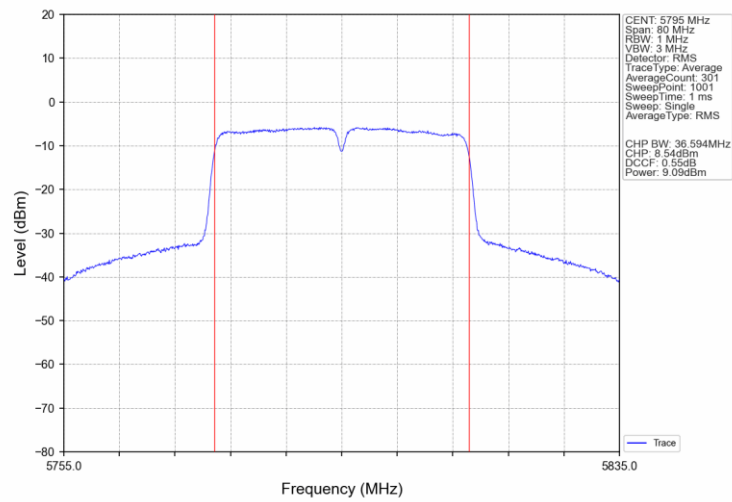
802.11n(HT40) HCH 5230MHz Ant1 NTN



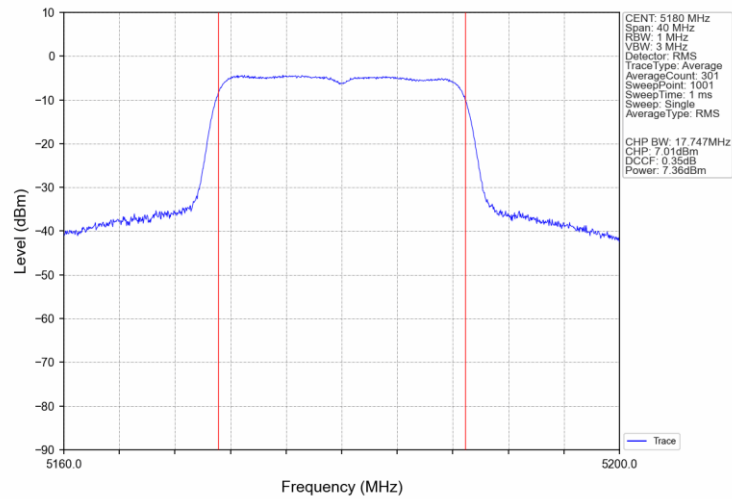
802.11n(HT40) LCH 5755MHz Ant1 NTN



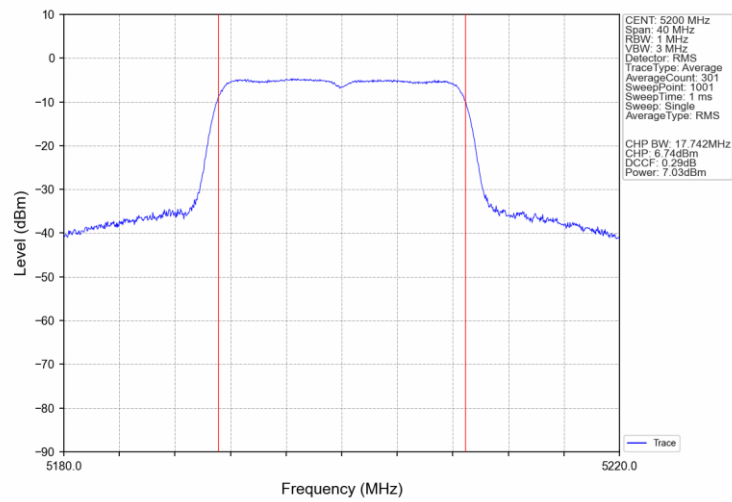
802.11n(HT40) HCH 5795MHz Ant1 NTN



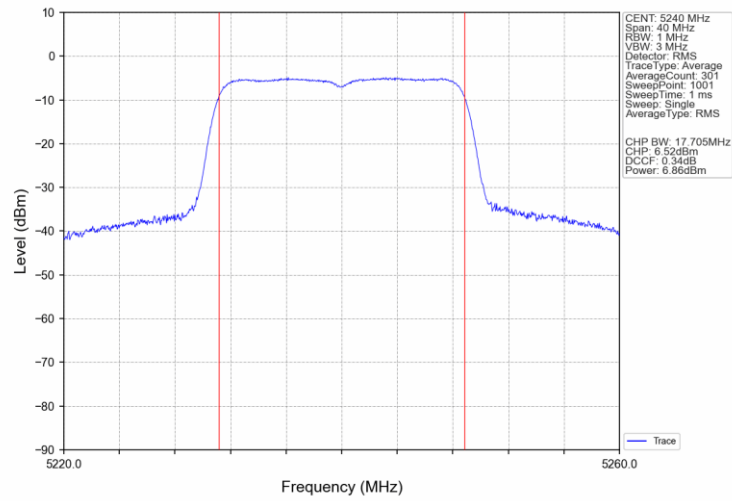
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



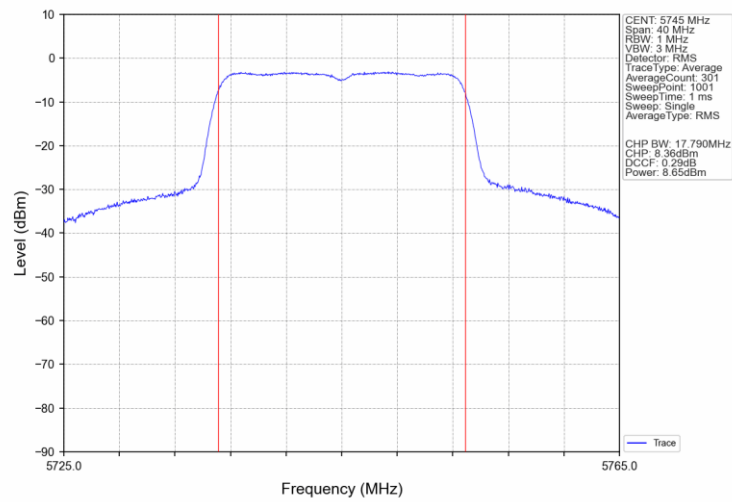
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



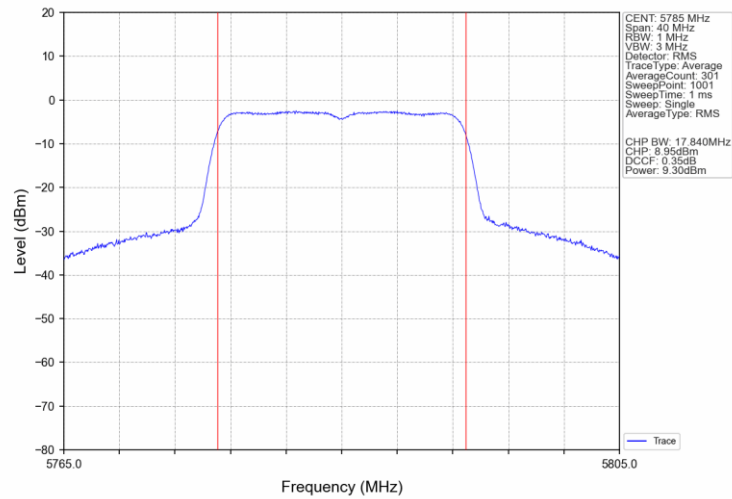
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



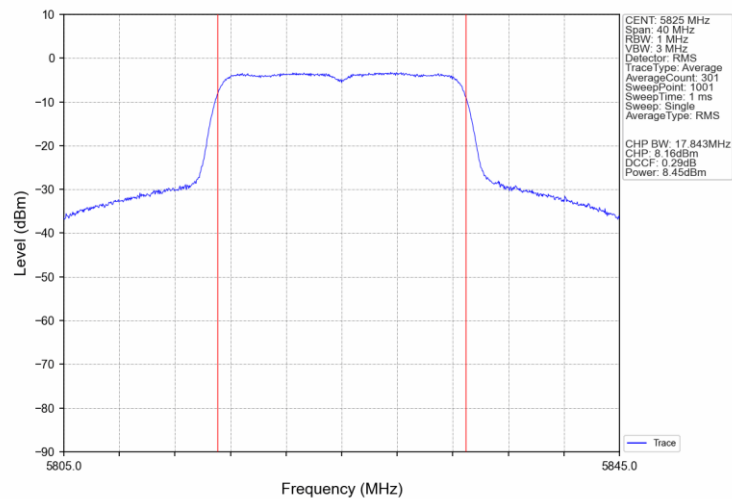
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



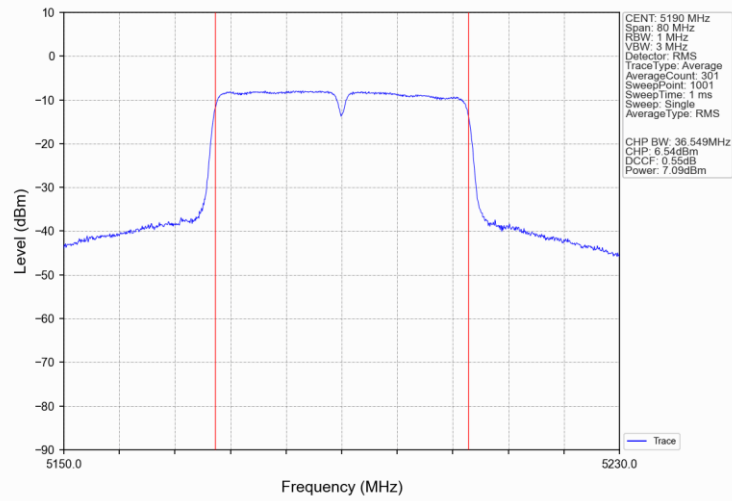
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



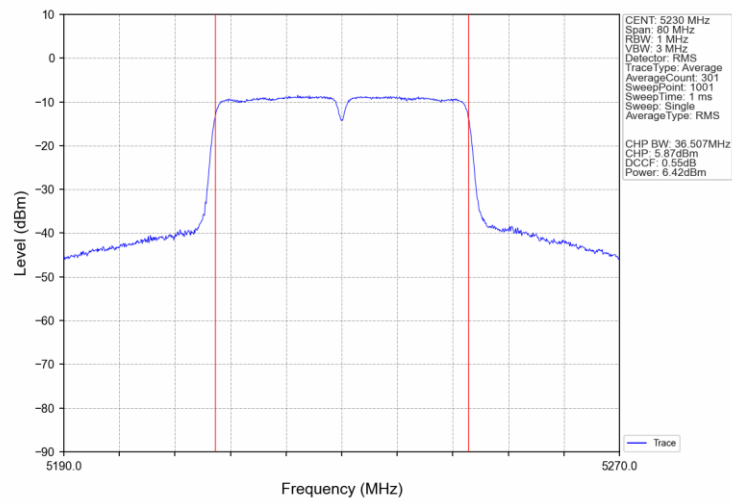
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



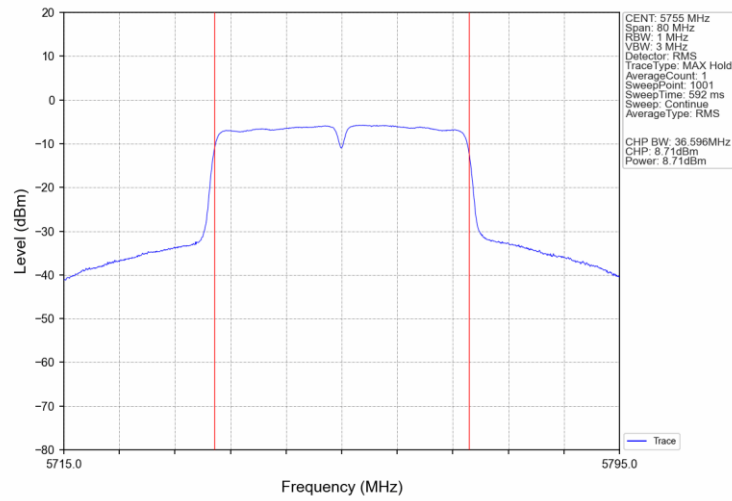
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



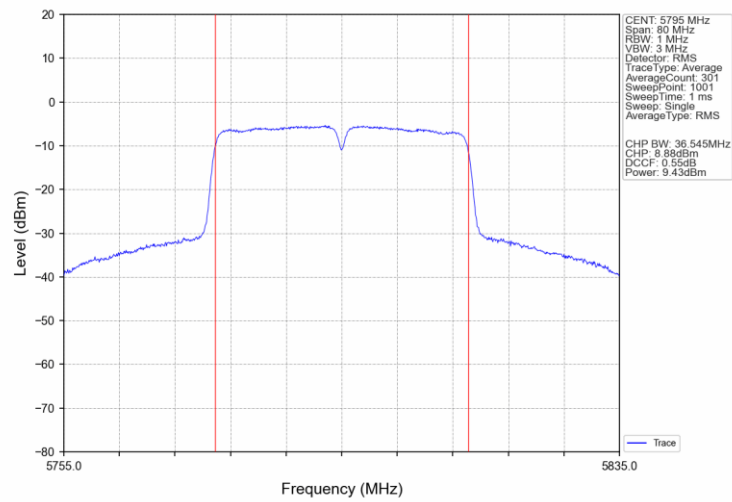
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



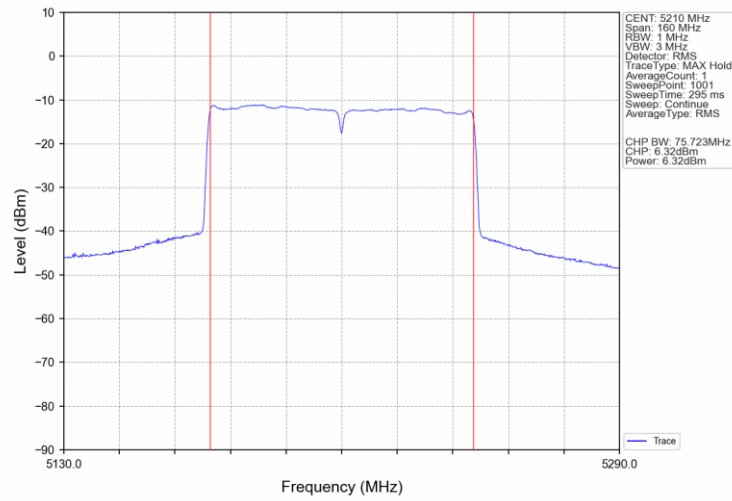
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



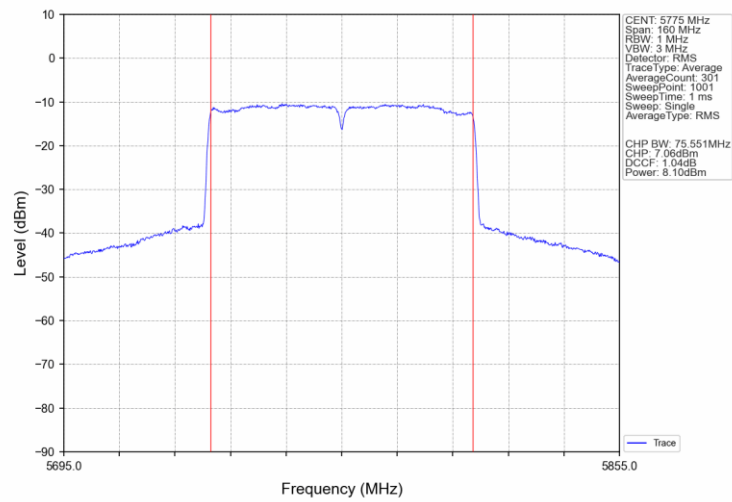
802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

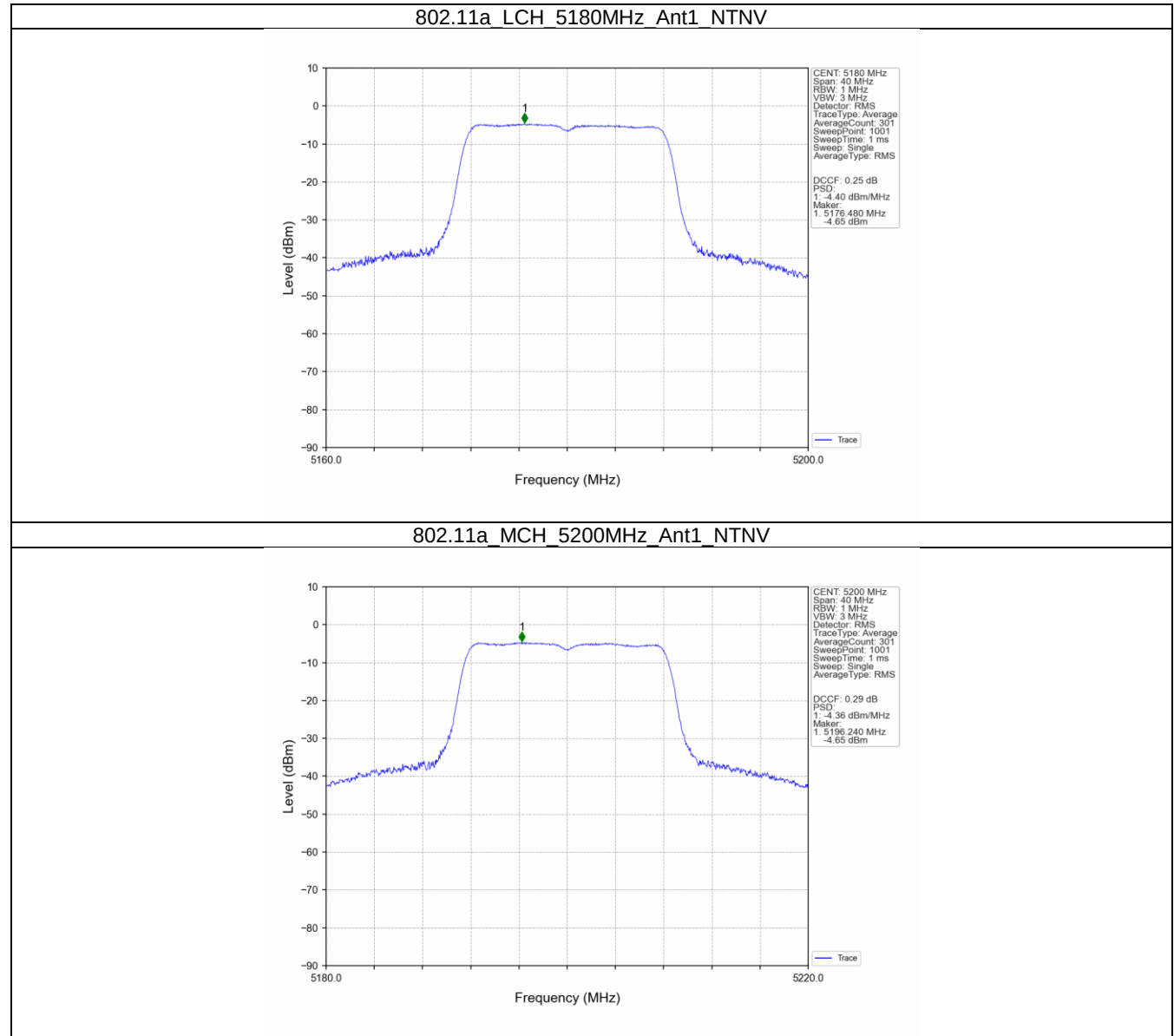
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-4.40	<=11	Pass
		5200	-4.36	<=11	Pass
		5240	-4.61	<=11	Pass
802.11n (HT20)	SISO	5180	-3.87	<=11	Pass
		5200	-4.31	<=11	Pass
		5240	-4.70	<=11	Pass
802.11n (HT40)	SISO	5190	-7.11	<=11	Pass
		5230	-8.15	<=11	Pass
802.11ac (VHT20)	SISO	5180	-4.04	<=11	Pass
		5200	-4.43	<=11	Pass
		5240	-4.70	<=11	Pass
802.11ac (VHT40)	SISO	5190	-7.11	<=11	Pass
		5230	-7.92	<=11	Pass
802.11ac (VHT80)	SISO	5210	-11.10	<=11	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 2.74dBi; - Band: 3 Ant1: 2.74dBi;					

4.1.2 PSD-Band3

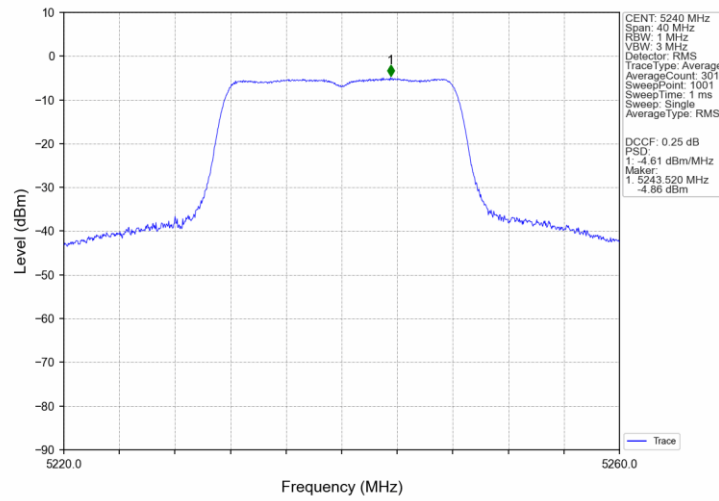
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-5.78	<=30	Pass
		5785	-5.44	<=30	Pass
		5825	-6.35	<=30	Pass
802.11n (HT20)	SISO	5745	-5.67	<=30	Pass
		5785	-5.02	<=30	Pass
		5825	-5.88	<=30	Pass
802.11n (HT40)	SISO	5755	-8.26	<=30	Pass
		5795	-7.96	<=30	Pass
802.11ac (VHT20)	SISO	5745	-5.74	<=30	Pass
		5785	-5.00	<=30	Pass
		5825	-6.03	<=30	Pass
802.11ac (VHT40)	SISO	5755	-8.77	<=30	Pass
		5795	-7.23	<=30	Pass
802.11ac (VHT80)	SISO	5775	-11.64	<=30	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 2.74dBi; - Band: 3 Ant1: 2.74dBi;					

4.2 Test Graph

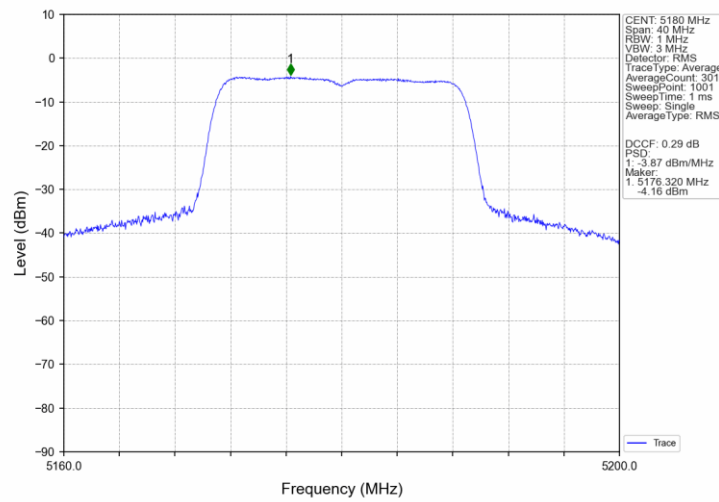
4.2.1 PSD



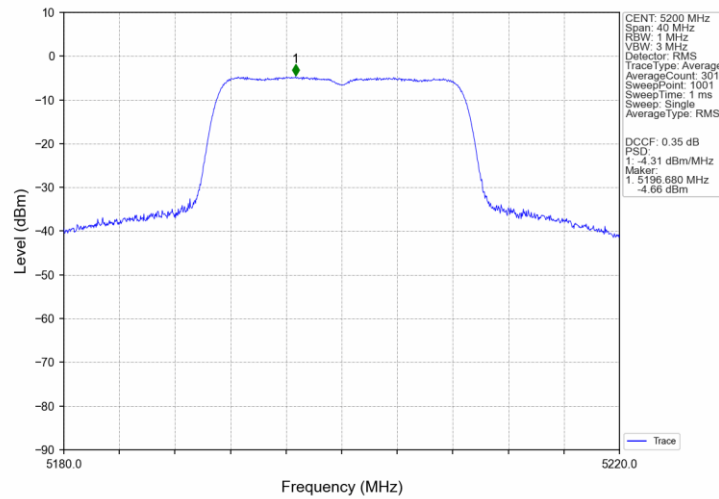
802.11a_HCH_5240MHz_Ant1_NTNV



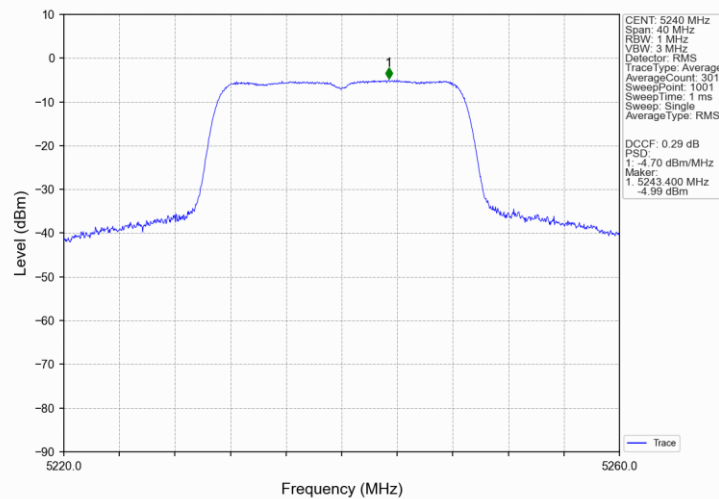
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



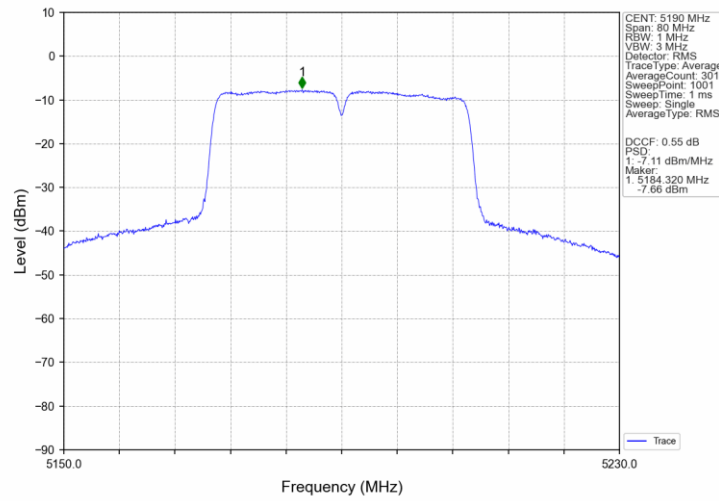
802.11n(HT20) MCH 5200MHz Ant1 NTNv



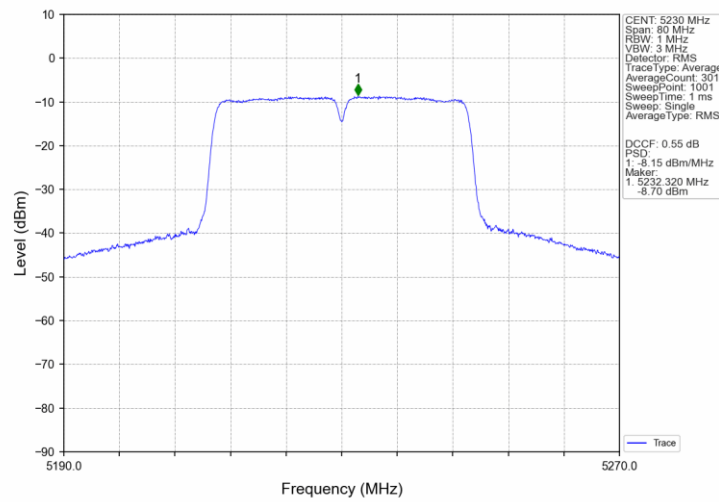
802.11n(HT20) HCH 5240MHz Ant1 NTNv



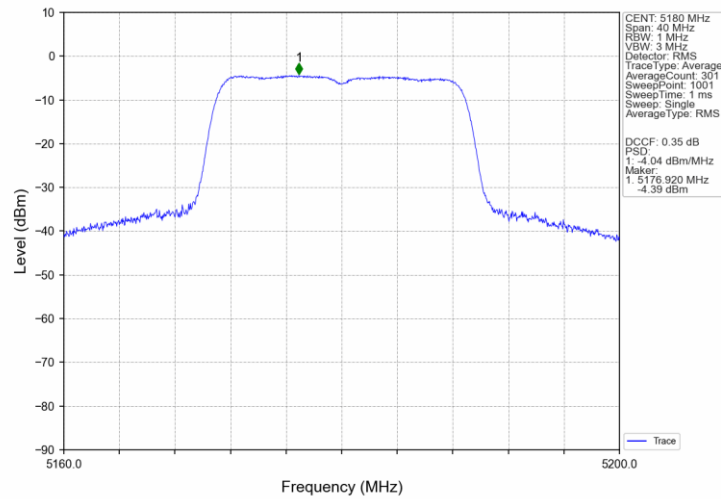
802.11n(HT40) LCH 5190MHz Ant1 NTN



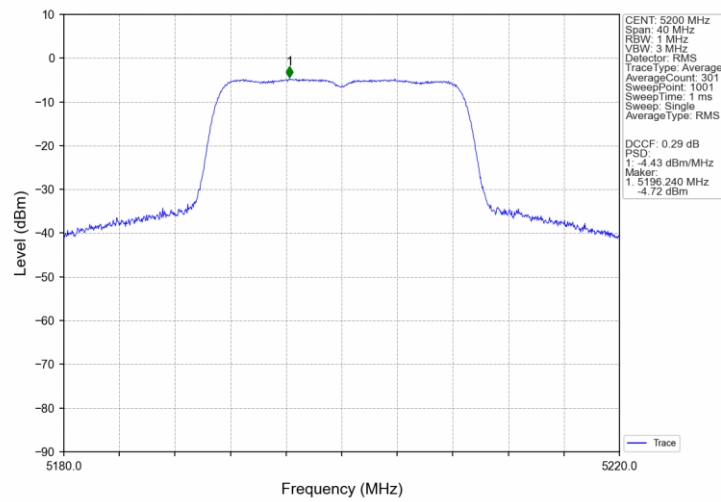
802.11n(HT40) HCH 5230MHz Ant1 NTN



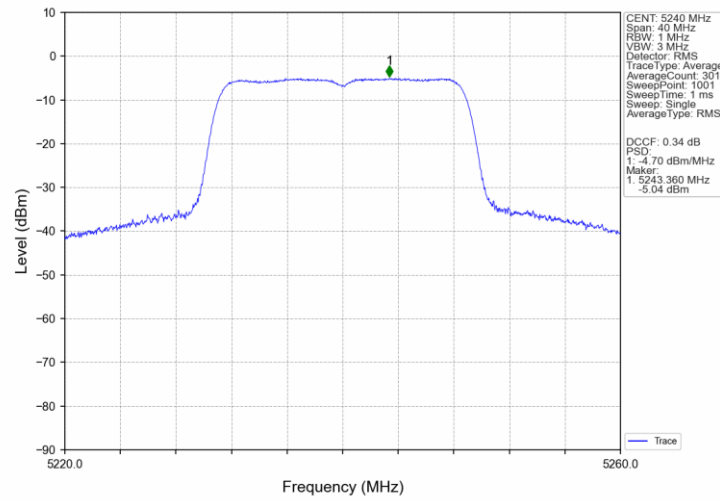
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



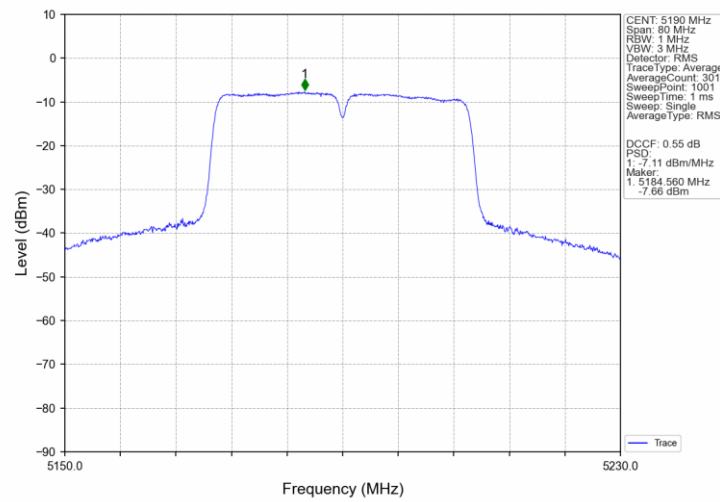
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



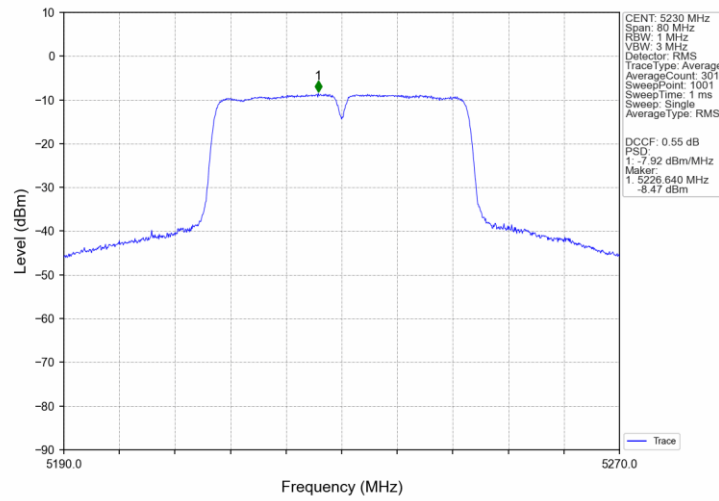
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



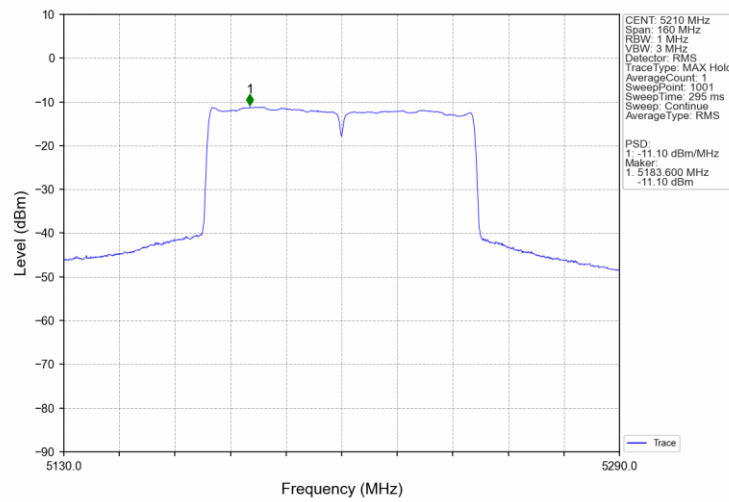
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) HCH 5230MHz Ant1 NTN

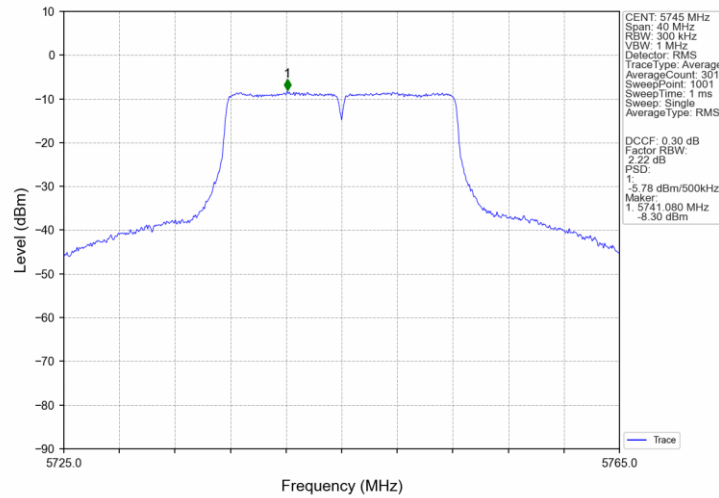


802.11ac(VHT80) MCH 5210MHz Ant1 NTN

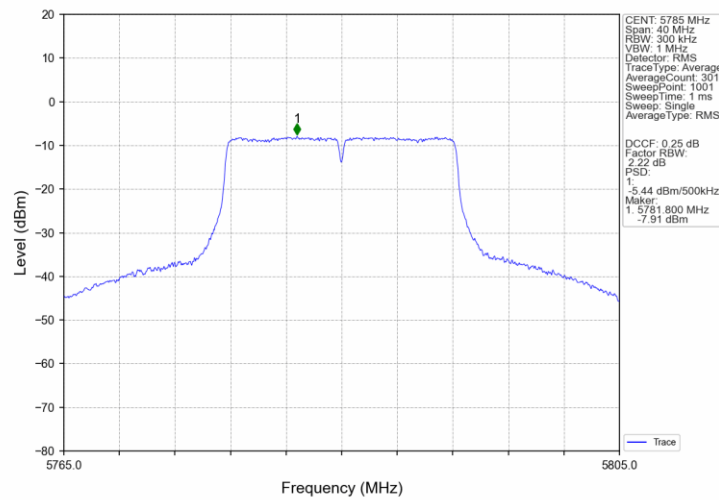


4.2.2 PSD-Band3

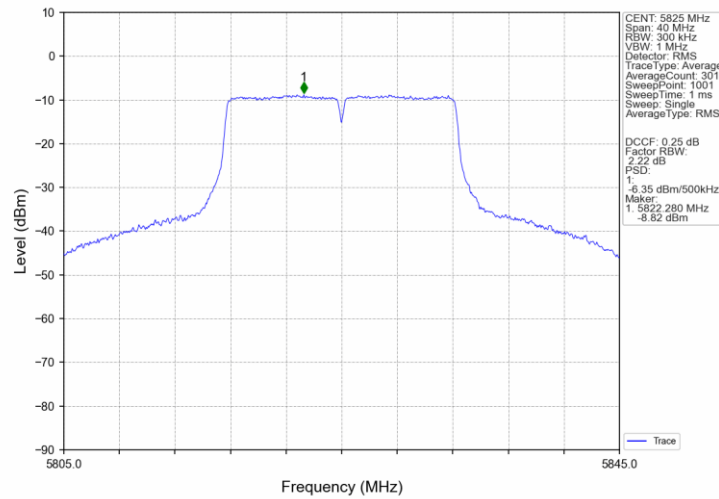
802.11a_LCH_5745MHz_Ant1_NTNV



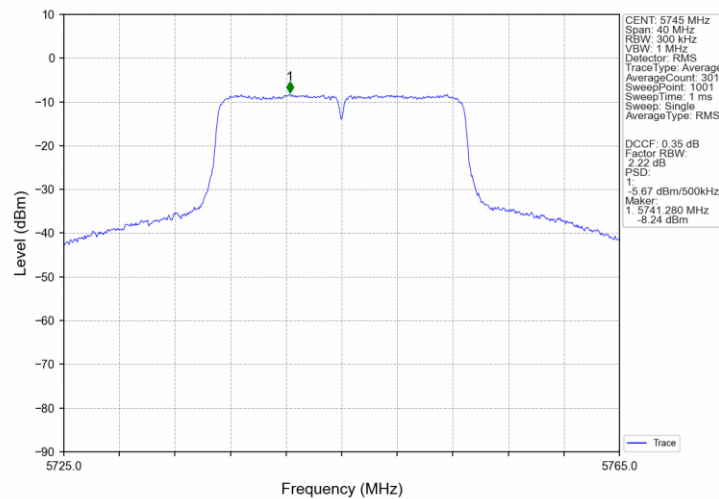
802.11a_MCH_5785MHz_Ant1_NTNV



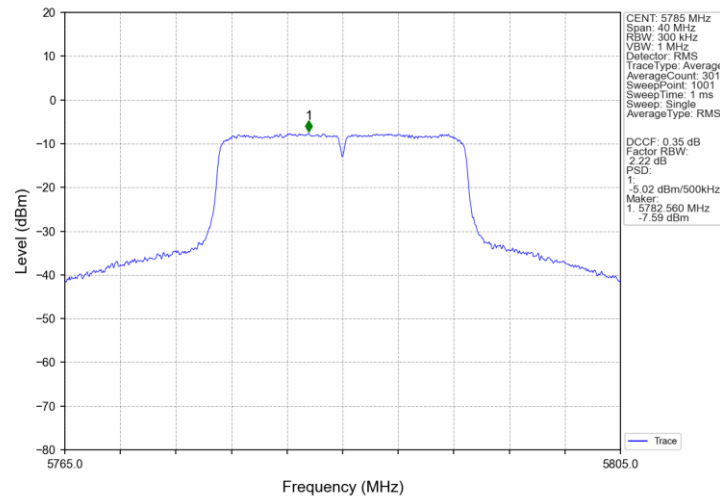
802.11a HCH 5825MHz Ant1 NTN



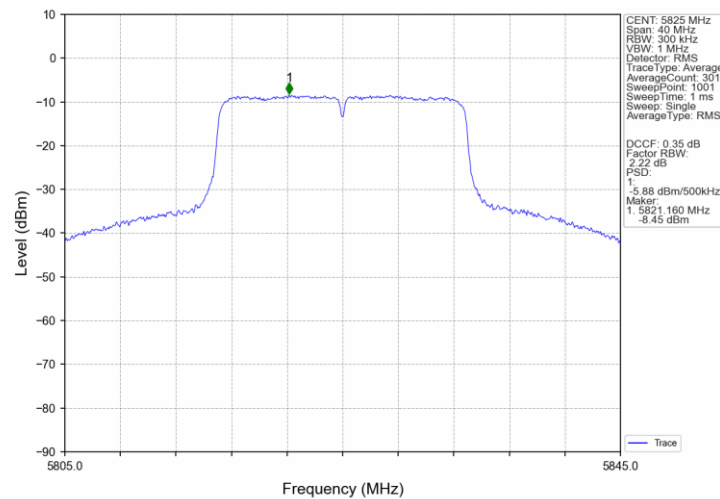
802.11n(HT20) LCH 5745MHz Ant1 NTN



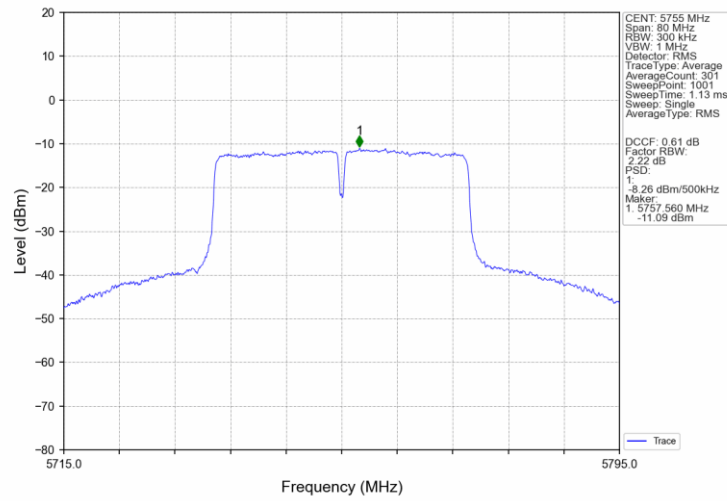
802.11n(HT20) MCH 5785MHz Ant1 NTN



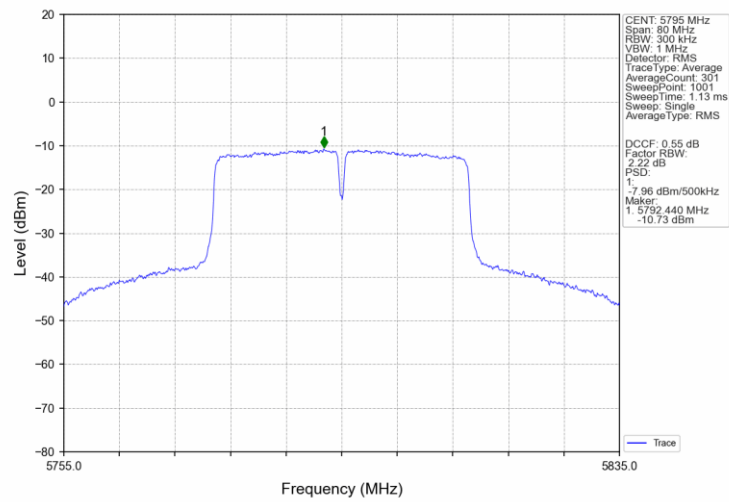
802.11n(HT20) HCH 5825MHz Ant1 NTN



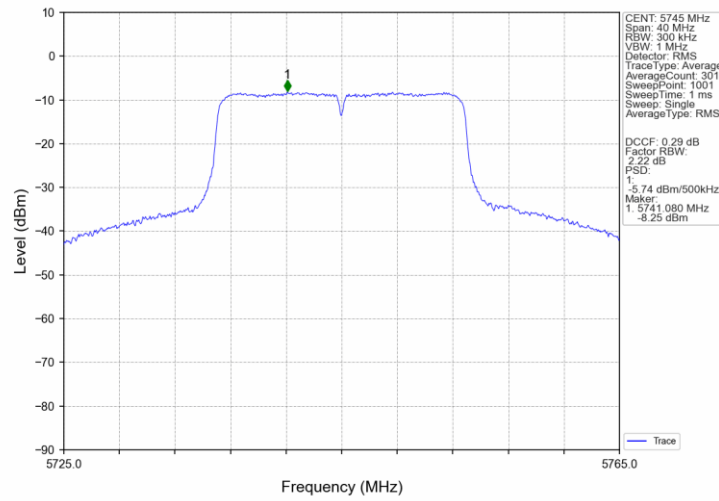
802.11n(HT40) LCH 5755MHz Ant1 NTN



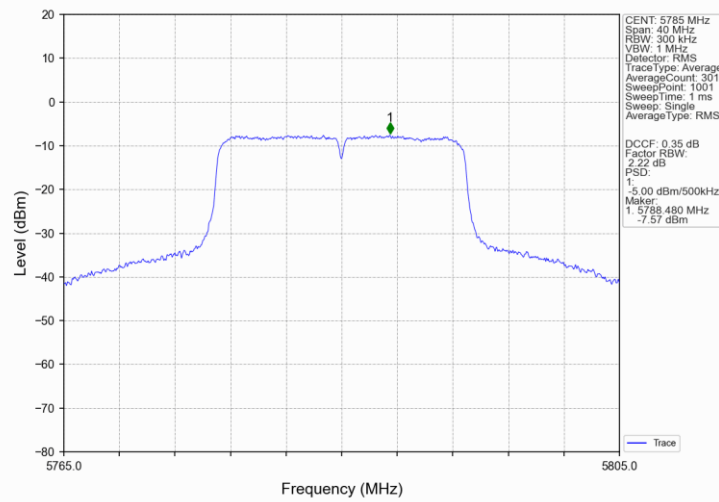
802.11n(HT40) HCH 5795MHz Ant1 NTN



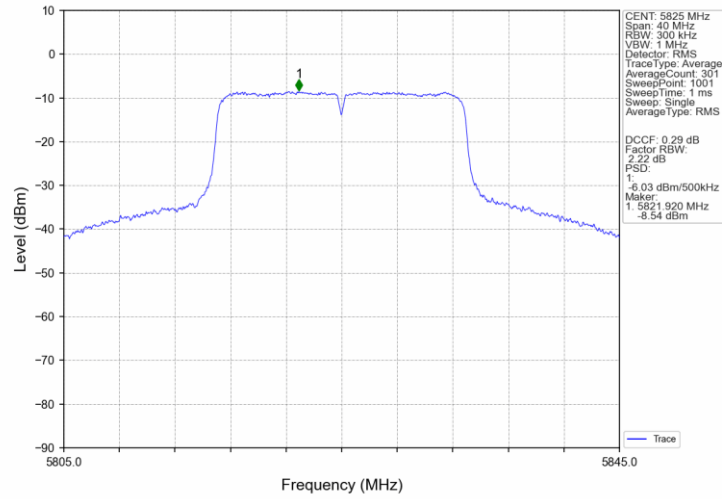
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



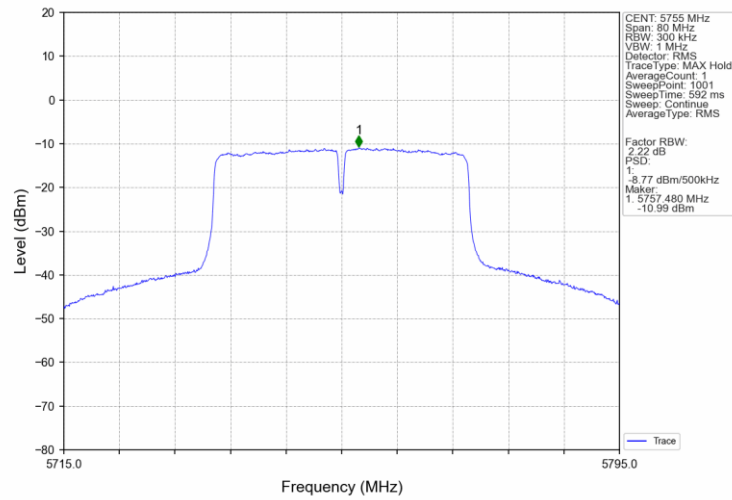
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



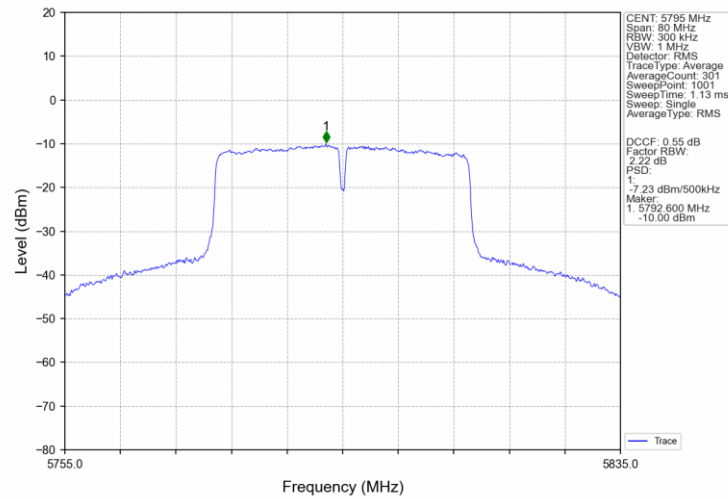
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



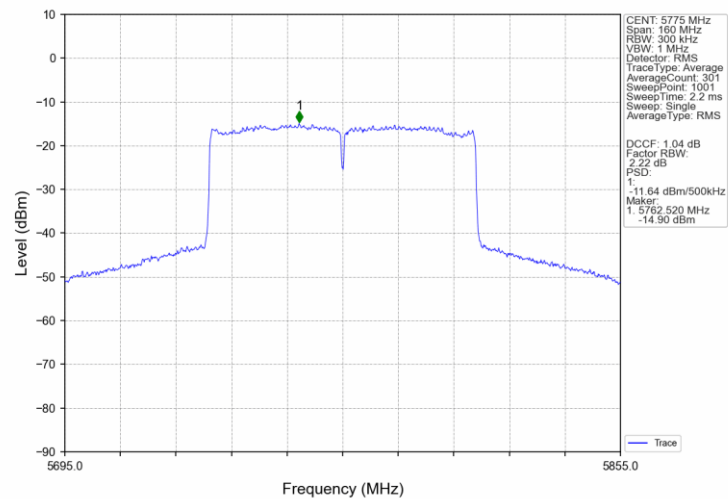
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1		Limit (MHz)	Verdict
				Voltage	Measured Frequency (MHz)		
Carrier Wave	SISO	5180	20	LV	5179.969	5150 to 5250	Pass
				NV	5179.969	5150 to 5250	Pass
				HV	5179.969	5150 to 5250	Pass
			-30	NV	5179.969	5150 to 5250	Pass
			-20	NV	5179.969	5150 to 5250	Pass
			-10	NV	5179.969	5150 to 5250	Pass
			0	NV	5179.969	5150 to 5250	Pass
			10	NV	5179.969	5150 to 5250	Pass
			30	NV	5179.969	5150 to 5250	Pass
			40	NV	5179.969	5150 to 5250	Pass
			50	NV	5179.969	5150 to 5250	Pass
		5200	20	LV	5199.968	5150 to 5250	Pass
				NV	5199.968	5150 to 5250	Pass
				HV	5199.968	5150 to 5250	Pass
			-30	NV	5199.968	5150 to 5250	Pass
			-20	NV	5199.968	5150 to 5250	Pass
			-10	NV	5199.968	5150 to 5250	Pass
			0	NV	5199.968	5150 to 5250	Pass
			10	NV	5199.968	5150 to 5250	Pass
			30	NV	5199.968	5150 to 5250	Pass
			40	NV	5199.968	5150 to 5250	Pass
			50	NV	5199.968	5150 to 5250	Pass
		5240	20	LV	5239.968	5150 to 5250	Pass
				NV	5239.968	5150 to 5250	Pass
				HV	5239.968	5150 to 5250	Pass
			-30	NV	5239.968	5150 to 5250	Pass
			-20	NV	5239.968	5150 to 5250	Pass
			-10	NV	5239.968	5150 to 5250	Pass
			0	NV	5239.968	5150 to 5250	Pass
			10	NV	5239.968	5150 to 5250	Pass
			30	NV	5239.968	5150 to 5250	Pass
			40	NV	5239.968	5150 to 5250	Pass
			50	NV	5239.968	5150 to 5250	Pass
		5745	20	LV	5744.965	5725 to 5850	Pass
				NV	5744.965	5725 to 5850	Pass
				HV	5744.965	5725 to 5850	Pass
			-30	NV	5744.965	5725 to 5850	Pass
			-20	NV	5744.965	5725 to 5850	Pass
			-10	NV	5744.965	5725 to 5850	Pass
			0	NV	5744.965	5725 to 5850	Pass
			10	NV	5744.965	5725 to 5850	Pass
			30	NV	5744.965	5725 to 5850	Pass
			40	NV	5744.965	5725 to 5850	Pass
			50	NV	5744.965	5725 to 5850	Pass
		5785	20	LV	5784.965	5725 to 5850	Pass
				NV	5784.965	5725 to 5850	Pass
				HV	5784.965	5725 to 5850	Pass
			-30	NV	5784.965	5725 to 5850	Pass
			-20	NV	5784.965	5725 to 5850	Pass
			-10	NV	5784.965	5725 to 5850	Pass

			0	NV	5784.965	5725 to 5850	Pass
			10	NV	5784.965	5725 to 5850	Pass
			30	NV	5784.965	5725 to 5850	Pass
			40	NV	5784.965	5725 to 5850	Pass
			50	NV	5784.965	5725 to 5850	Pass
		5825	20	LV	5824.965	5725 to 5850	Pass
				NV	5824.965	5725 to 5850	Pass
				HV	5824.965	5725 to 5850	Pass
			-30	NV	5824.965	5725 to 5850	Pass
			-20	NV	5824.965	5725 to 5850	Pass
			-10	NV	5824.965	5725 to 5850	Pass
			0	NV	5824.965	5725 to 5850	Pass
			10	NV	5824.965	5725 to 5850	Pass
			30	NV	5824.965	5725 to 5850	Pass
			40	NV	5824.965	5725 to 5850	Pass
			50	NV	5824.965	5725 to 5850	Pass
		5190	20	LV	5189.968	5150 to 5250	Pass
				NV	5189.968	5150 to 5250	Pass
				HV	5189.968	5150 to 5250	Pass
			-30	NV	5189.968	5150 to 5250	Pass
			-20	NV	5189.968	5150 to 5250	Pass
			-10	NV	5189.968	5150 to 5250	Pass
			0	NV	5189.968	5150 to 5250	Pass
			10	NV	5189.968	5150 to 5250	Pass
			30	NV	5189.968	5150 to 5250	Pass
			40	NV	5189.968	5150 to 5250	Pass
			50	NV	5189.968	5150 to 5250	Pass
		5230	20	LV	5229.968	5150 to 5250	Pass
				NV	5229.968	5150 to 5250	Pass
				HV	5229.968	5150 to 5250	Pass
			-30	NV	5229.968	5150 to 5250	Pass
			-20	NV	5229.968	5150 to 5250	Pass
			-10	NV	5229.968	5150 to 5250	Pass
			0	NV	5229.968	5150 to 5250	Pass
			10	NV	5229.968	5150 to 5250	Pass
			30	NV	5229.968	5150 to 5250	Pass
			40	NV	5229.968	5150 to 5250	Pass
			50	NV	5229.968	5150 to 5250	Pass
		5755	20	LV	5754.965	5725 to 5850	Pass
				NV	5754.965	5725 to 5850	Pass
				HV	5754.965	5725 to 5850	Pass
			-30	NV	5754.965	5725 to 5850	Pass
			-20	NV	5754.965	5725 to 5850	Pass
			-10	NV	5754.965	5725 to 5850	Pass
			0	NV	5754.965	5725 to 5850	Pass
			10	NV	5754.965	5725 to 5850	Pass
			30	NV	5754.965	5725 to 5850	Pass
			40	NV	5754.965	5725 to 5850	Pass
			50	NV	5754.965	5725 to 5850	Pass
		5795	20	LV	5794.965	5725 to 5850	Pass
				NV	5794.965	5725 to 5850	Pass
				HV	5794.965	5725 to 5850	Pass
			-30	NV	5794.965	5725 to 5850	Pass
			-20	NV	5794.965	5725 to 5850	Pass
			-10	NV	5794.965	5725 to 5850	Pass
			0	NV	5794.965	5725 to 5850	Pass
			10	NV	5794.965	5725 to 5850	Pass
			30	NV	5794.965	5725 to 5850	Pass
			40	NV	5794.965	5725 to 5850	Pass



		5210	50	NV	5794.965	5725 to 5850	Pass
			20	LV	5209.968	5150 to 5250	Pass
				NV	5209.968	5150 to 5250	Pass
				HV	5209.968	5150 to 5250	Pass
			-30	NV	5209.968	5150 to 5250	Pass
			-20	NV	5209.968	5150 to 5250	Pass
			-10	NV	5209.968	5150 to 5250	Pass
			0	NV	5209.968	5150 to 5250	Pass
			10	NV	5209.968	5150 to 5250	Pass
			30	NV	5209.968	5150 to 5250	Pass
			40	NV	5209.968	5150 to 5250	Pass
			50	NV	5209.968	5150 to 5250	Pass
		5775	20	LV	5774.965	5725 to 5850	Pass
				NV	5774.965	5725 to 5850	Pass
				HV	5774.965	5725 to 5850	Pass
			-30	NV	5774.965	5725 to 5850	Pass
			-20	NV	5774.965	5725 to 5850	Pass
			-10	NV	5774.965	5725 to 5850	Pass
			0	NV	5774.965	5725 to 5850	Pass
			10	NV	5774.965	5725 to 5850	Pass
			30	NV	5774.965	5725 to 5850	Pass
			40	NV	5774.965	5725 to 5850	Pass
			50	NV	5774.965	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	0.0054	7.36
5745	5825	0.0086	9.32
5190	5230	0.0051	7.09
5755	5795	0.0088	9.43
5210	5210	0.0043	6.32
5775	5775	0.0065	8.10

***** End of Report *****