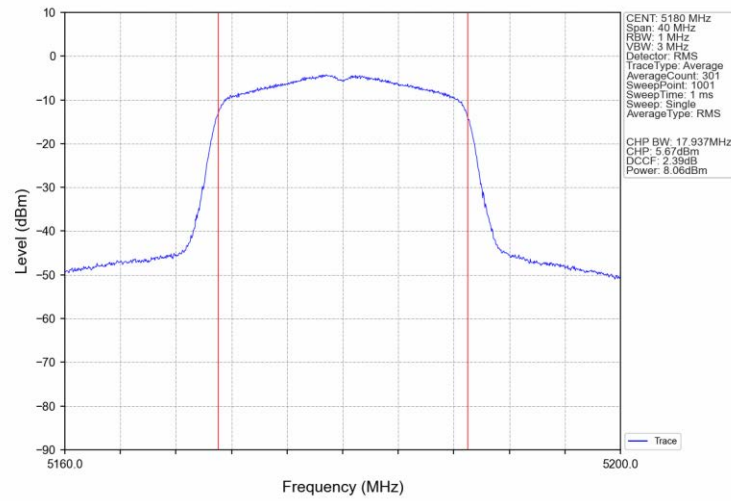
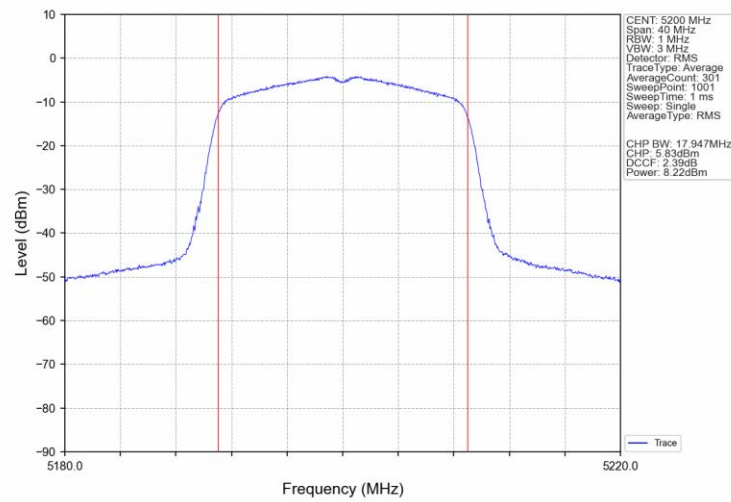


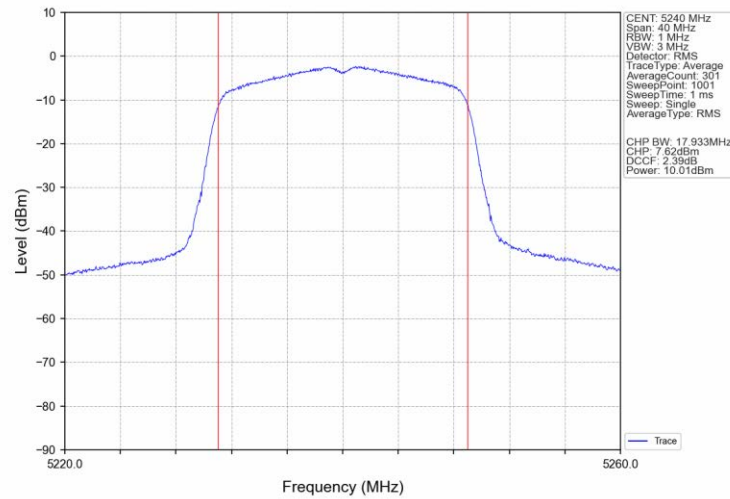
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



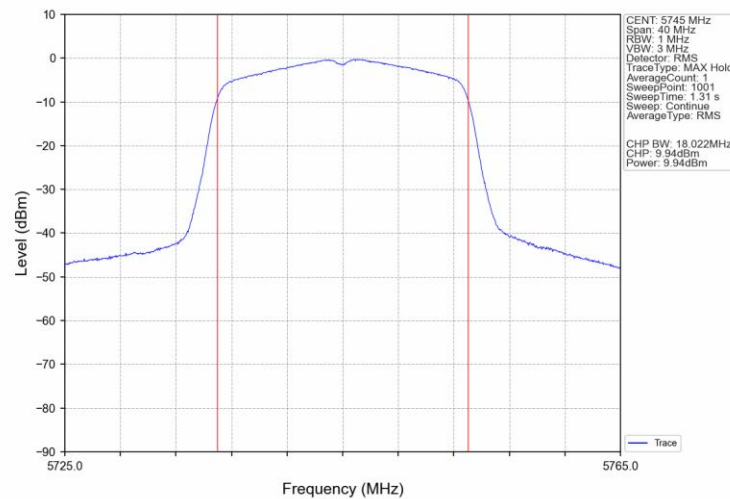
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



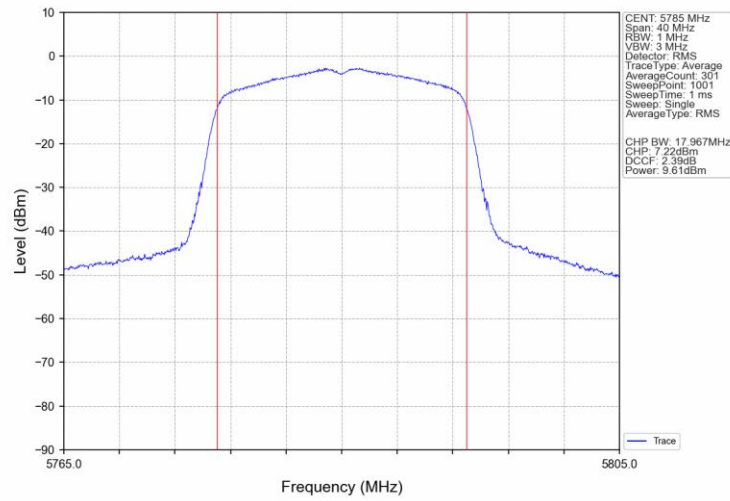
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



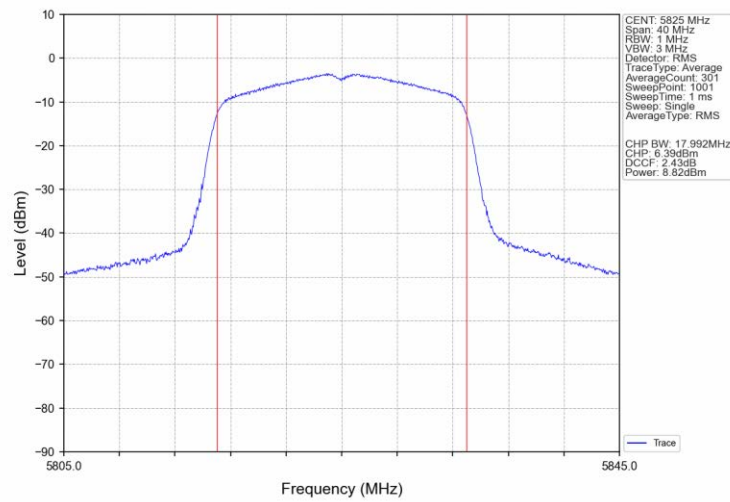
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



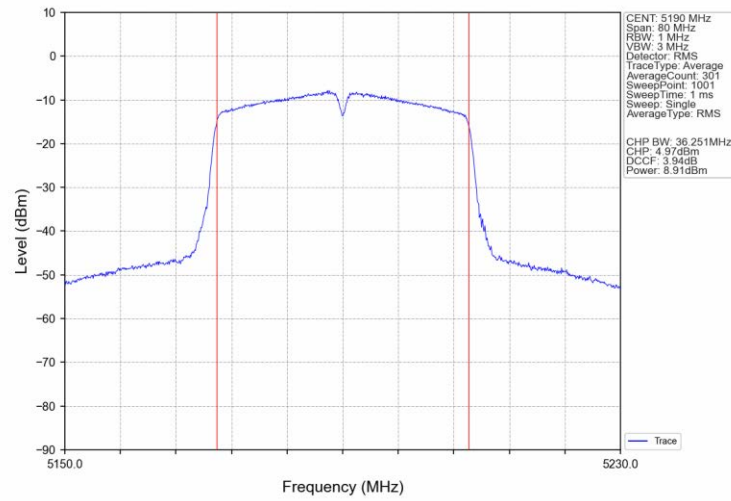
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



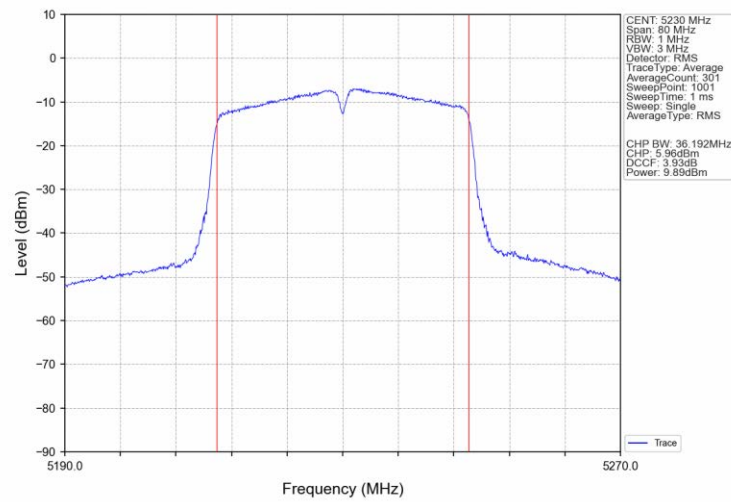
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



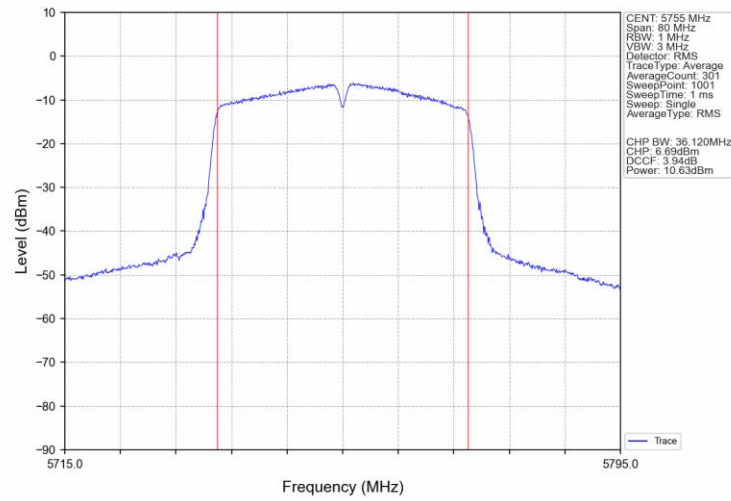
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



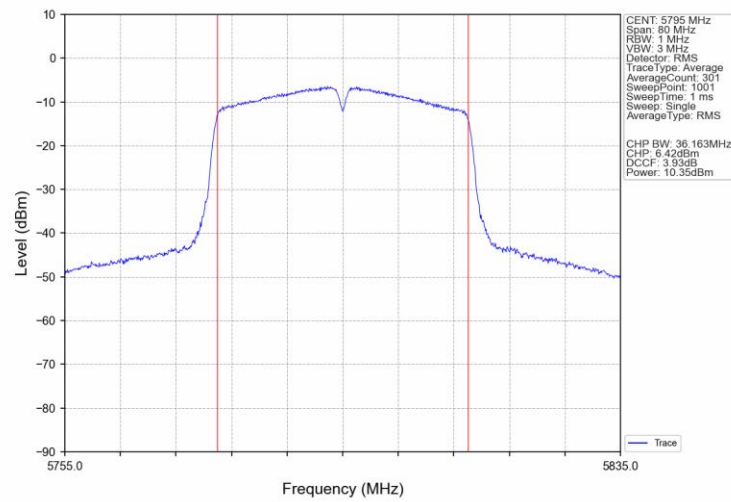
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



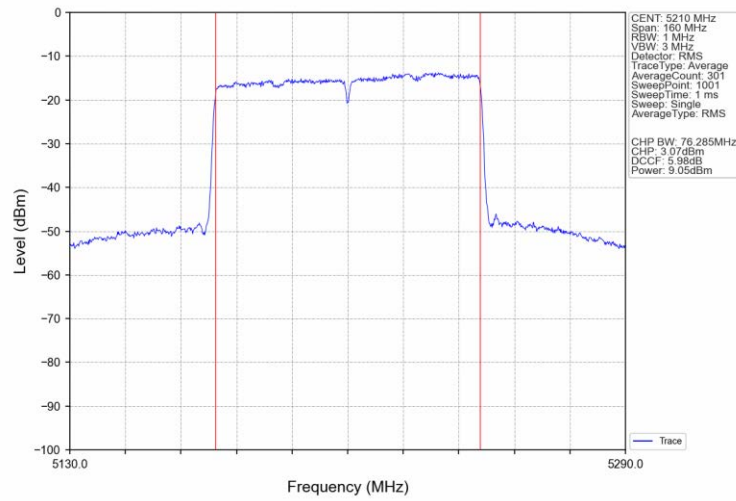
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



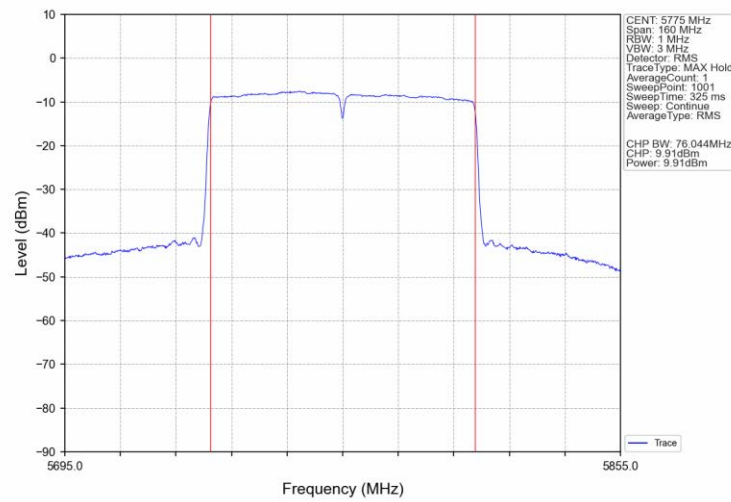
802.11ac(VHT40) HCH 5795MHz Ant1 NTN



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

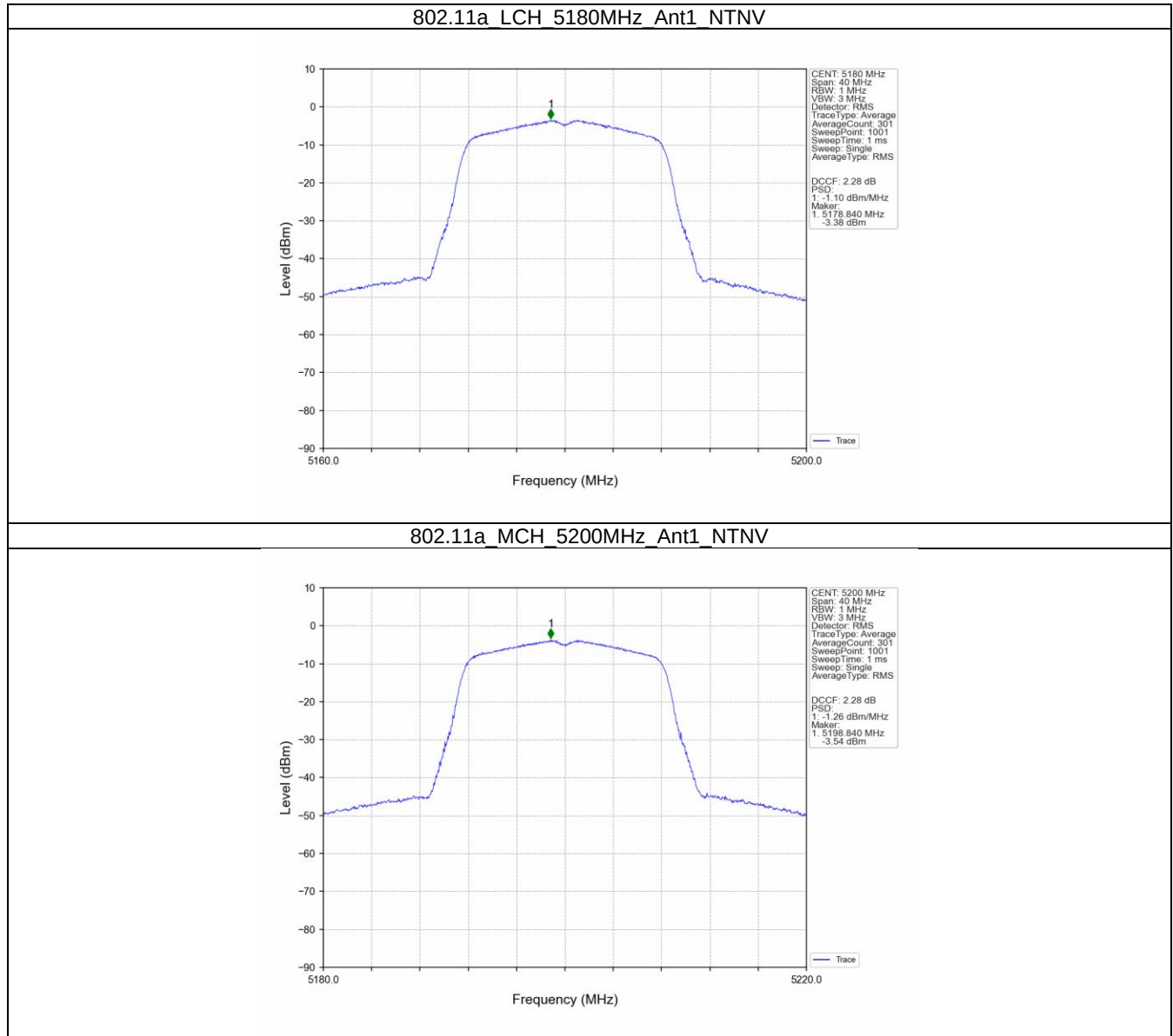
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-1.10	<=11	Pass
		5200	-1.26	<=11	Pass
		5240	0.51	<=11	Pass
802.11n (HT20)	SISO	5180	-1.66	<=11	Pass
		5200	-1.56	<=11	Pass
		5240	-0.30	<=11	Pass
802.11n (HT40)	SISO	5190	-4.43	<=11	Pass
		5230	-3.29	<=11	Pass
802.11ac (VHT20)	SISO	5180	-1.41	<=11	Pass
		5200	-1.65	<=11	Pass
		5240	0.00	<=11	Pass
802.11ac (VHT40)	SISO	5190	-4.44	<=11	Pass
		5230	-3.23	<=11	Pass
802.11ac (VHT80)	SISO	5210	-7.93	<=11	Pass

4.1.2 PSD-Band3

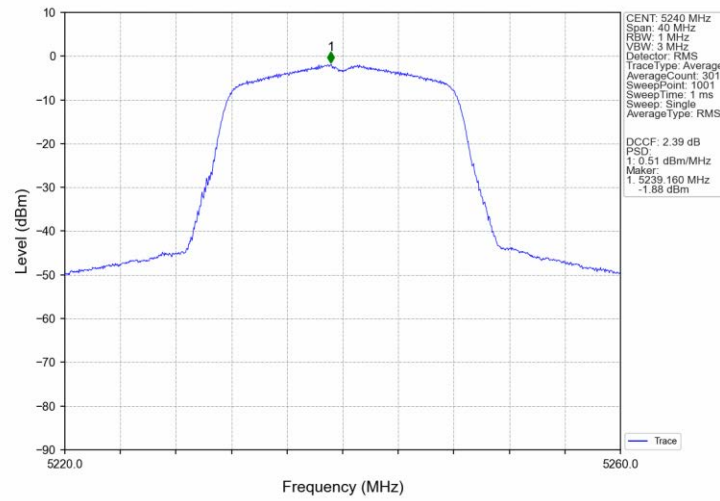
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-2.47	<=30	Pass
		5785	-2.89	<=30	Pass
		5825	-3.42	<=30	Pass
802.11n (HT20)	SISO	5745	-2.84	<=30	Pass
		5785	-2.98	<=30	Pass
		5825	-4.38	<=30	Pass
802.11n (HT40)	SISO	5755	-5.04	<=30	Pass
		5795	-5.89	<=30	Pass
802.11ac (VHT20)	SISO	5745	-3.03	<=30	Pass
		5785	-2.84	<=30	Pass
		5825	-3.92	<=30	Pass
802.11ac (VHT40)	SISO	5755	-4.55	<=30	Pass
		5795	-5.61	<=30	Pass
802.11ac (VHT80)	SISO	5775	-10.14	<=30	Pass

4.2 Test Graph

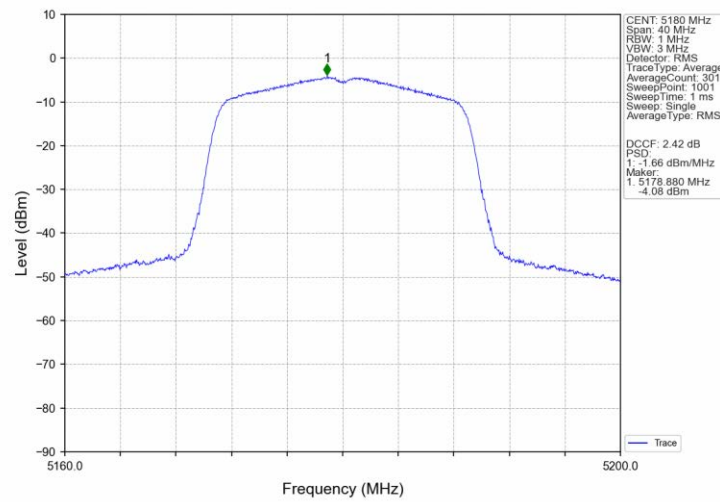
4.2.1 PSD



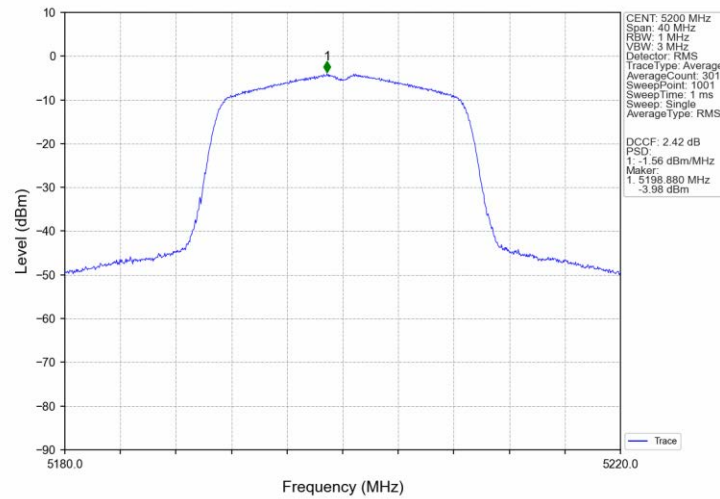
802.11a HCH 5240MHz Ant1 NTN



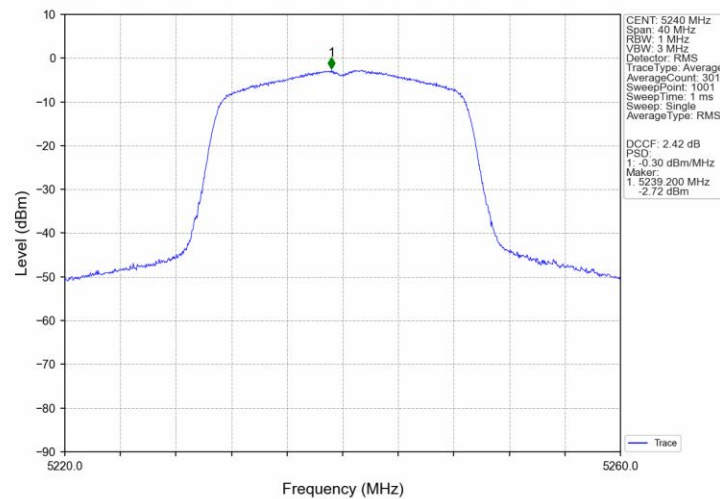
802.11n(HT20)_LCH 5180MHz Ant1 NTN



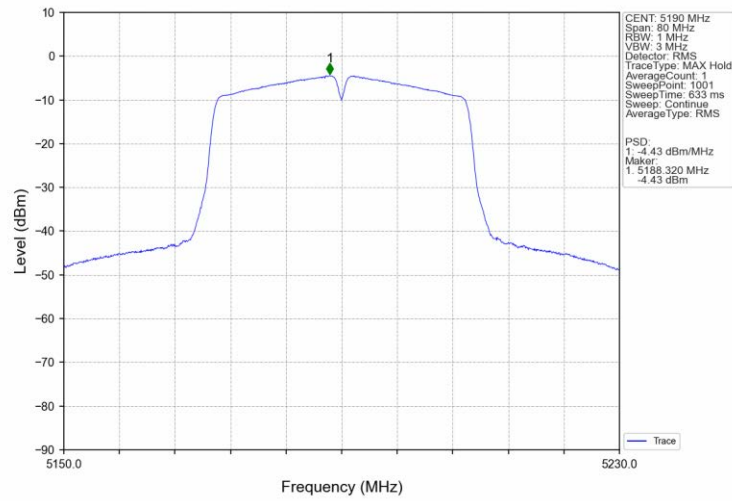
802.11n(HT20) MCH 5200MHz Ant1 NTNv



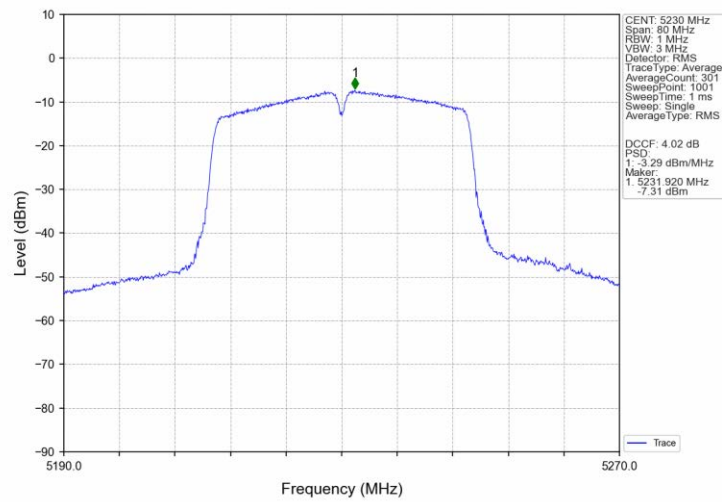
802.11n(HT20) HCH 5240MHz Ant1 NTNv



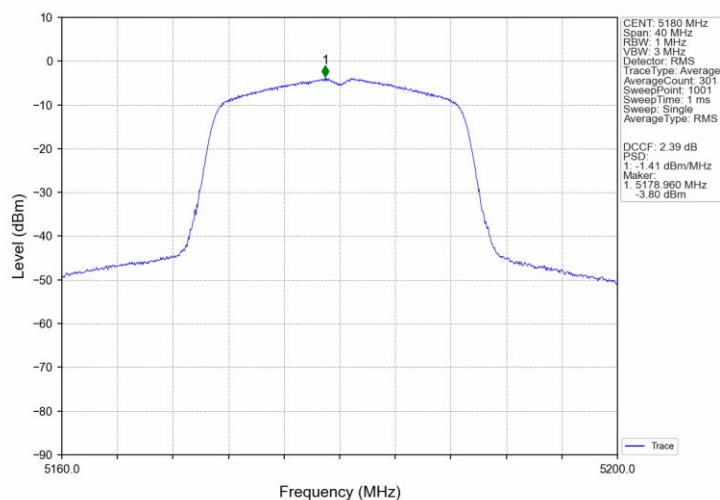
802.11n(HT40) LCH 5190MHz Ant1 NTN



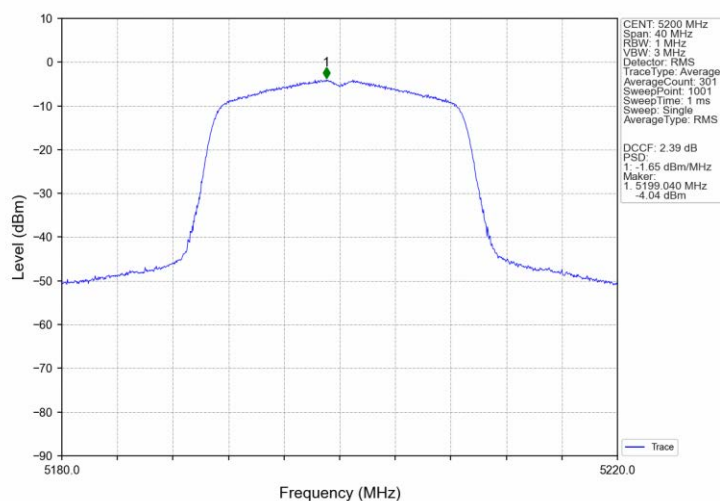
802.11n(HT40) HCH 5230MHz Ant1 NTN



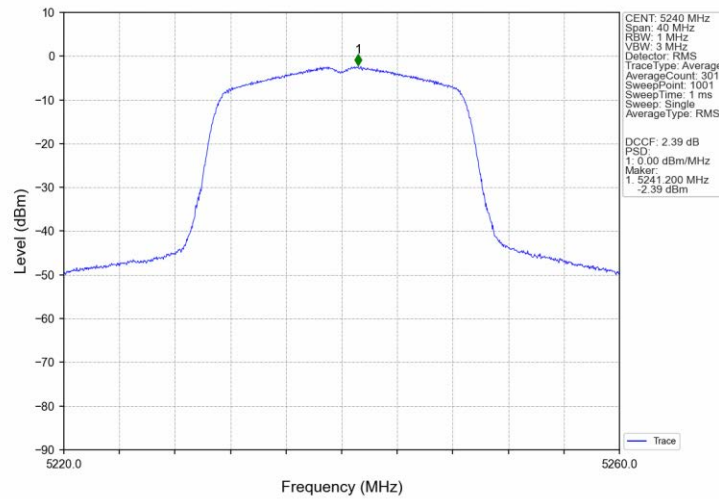
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



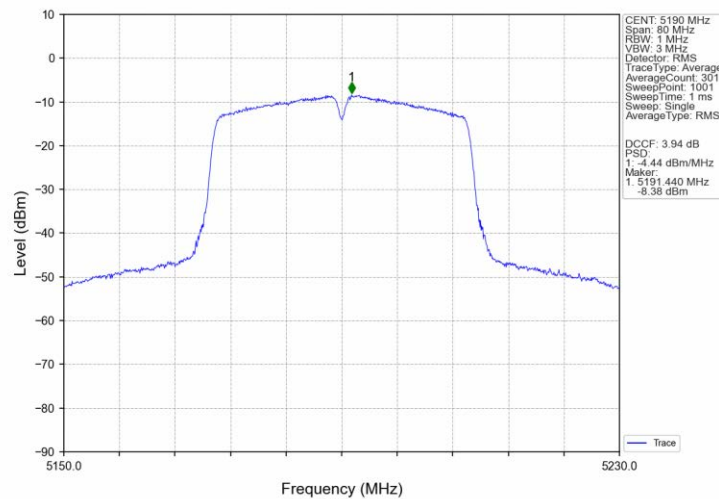
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



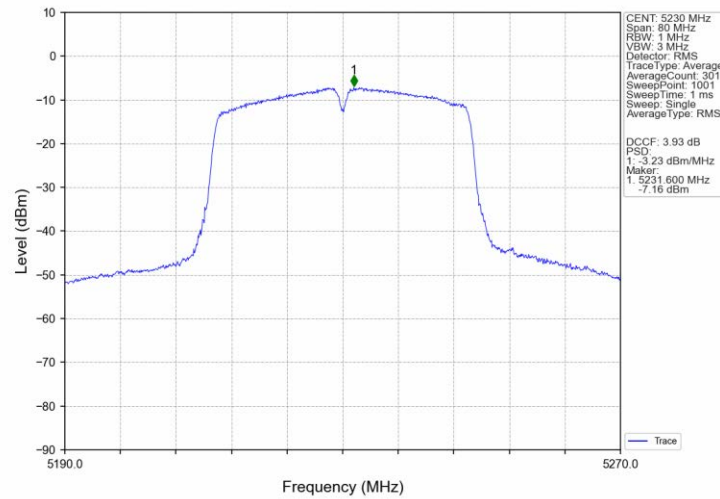
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



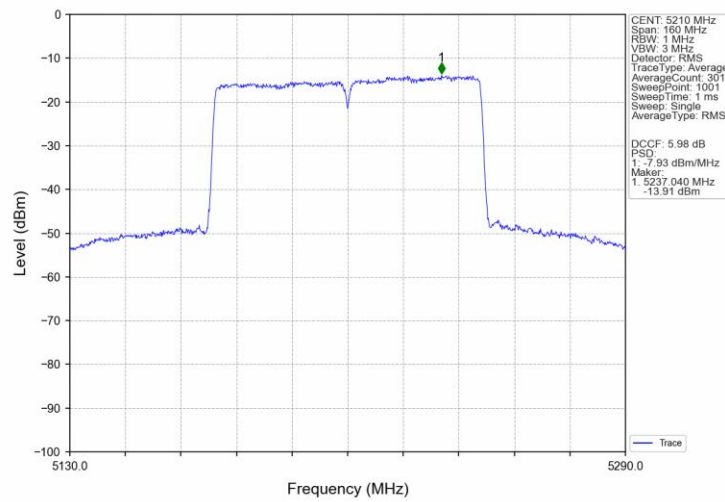
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) HCH 5230MHz Ant1 NTN

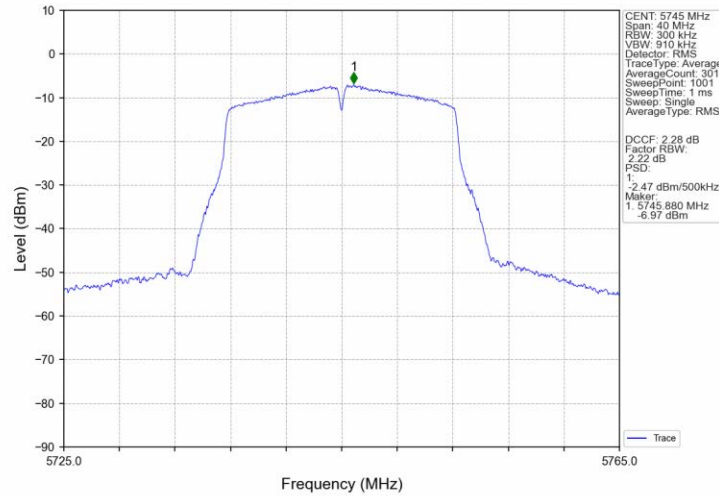


802.11ac(VHT80) MCH 5210MHz Ant1 NTN

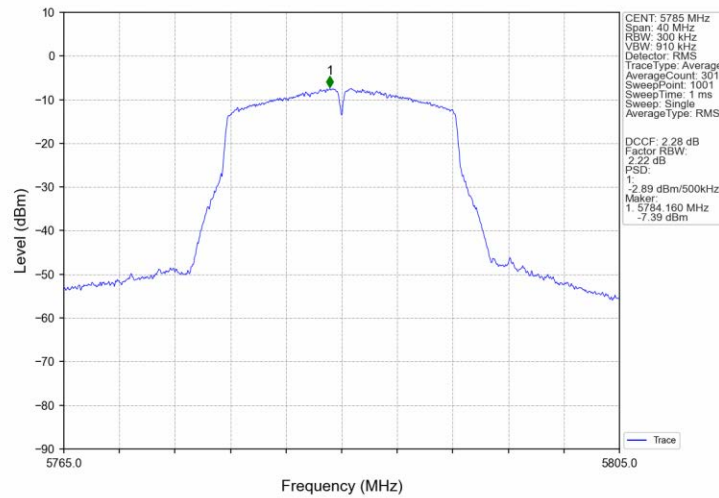


4.2.2 PSD-Band3

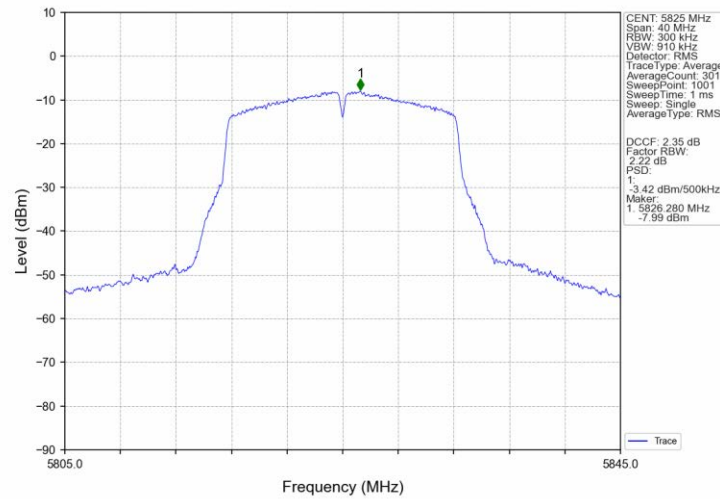
802.11a LCH 5745MHz Ant1 NTN



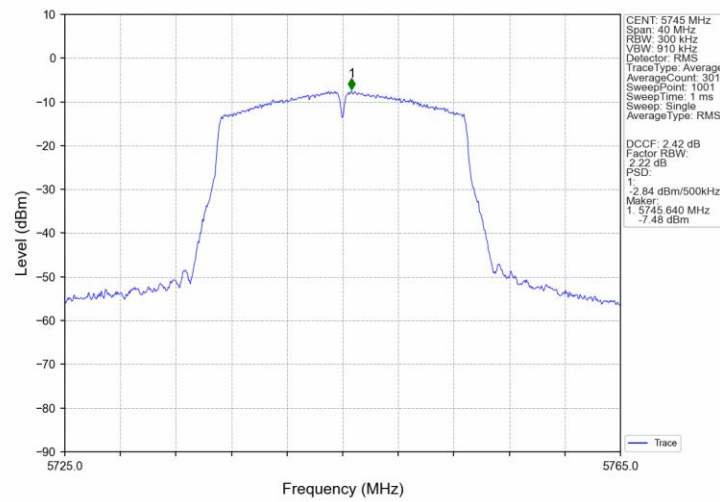
802.11a MCH 5785MHz Ant1 NTN



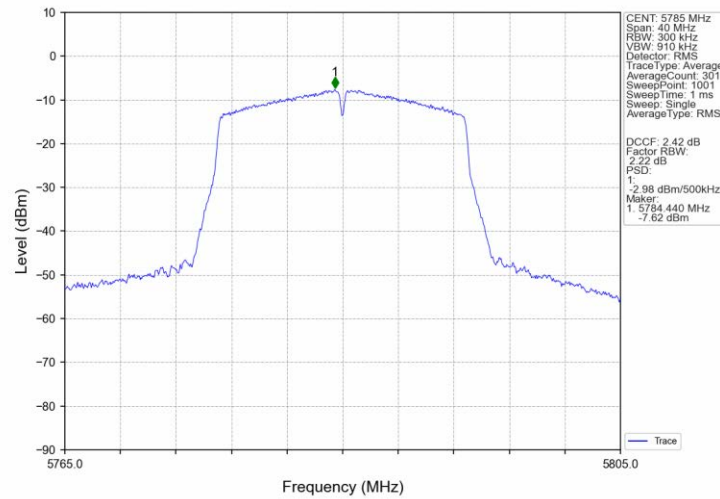
802.11a HCH 5825MHz Ant1 NTN



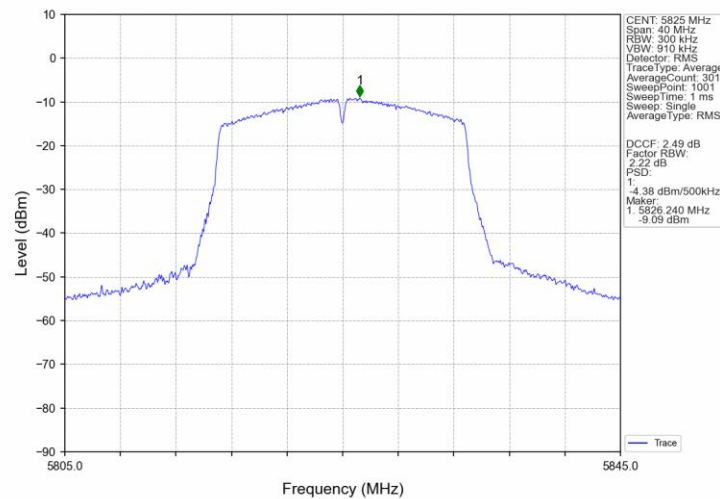
802.11n(HT20)_LCH_5745MHz_Ant1 NTN



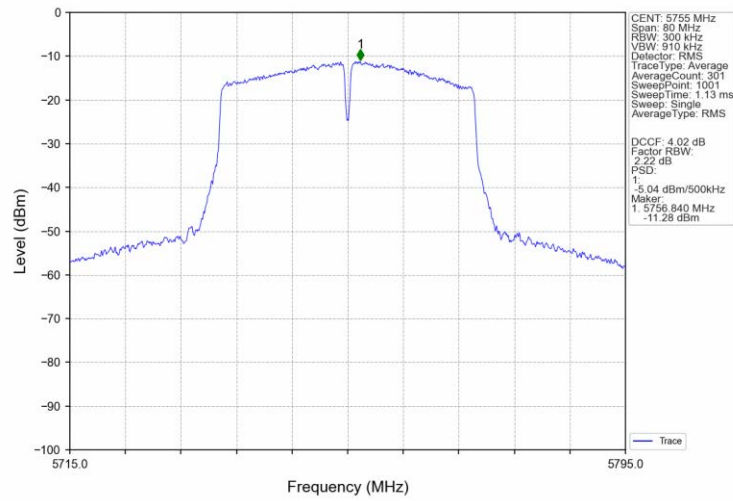
802.11n(HT20) MCH 5785MHz Ant1 NTNv



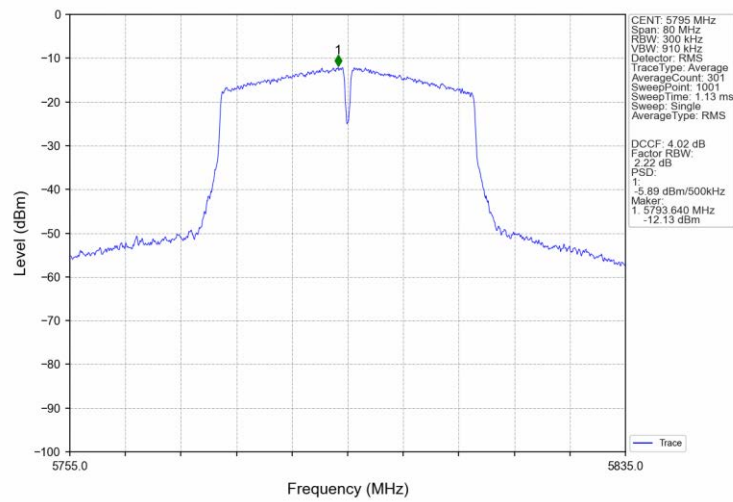
802.11n(HT20) HCH 5825MHz Ant1 NTNv



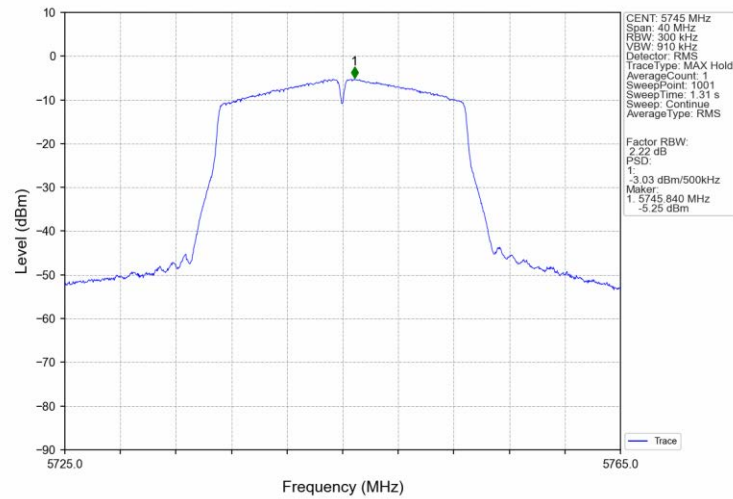
802.11n(HT40) LCH 5755MHz Ant1 NTN



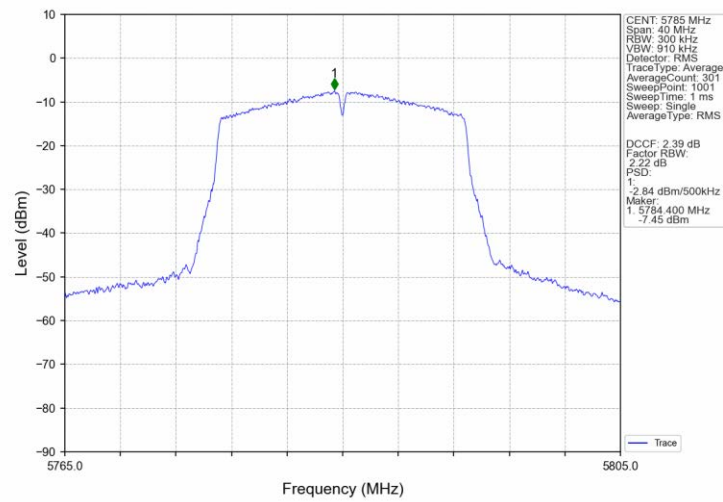
802.11n(HT40) HCH 5795MHz Ant1 NTN



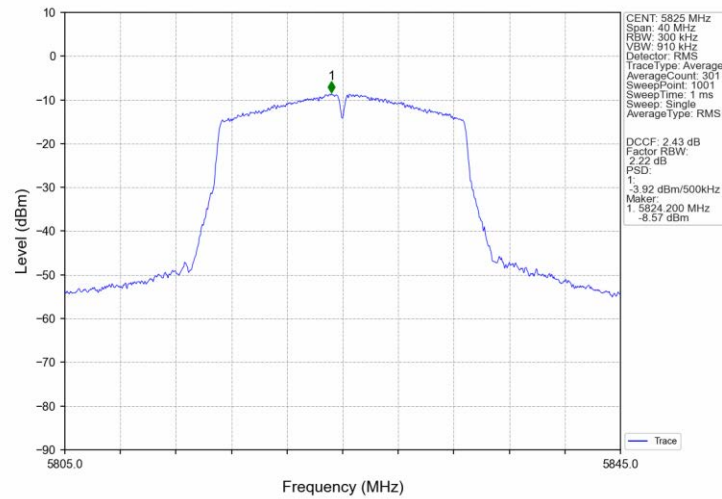
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



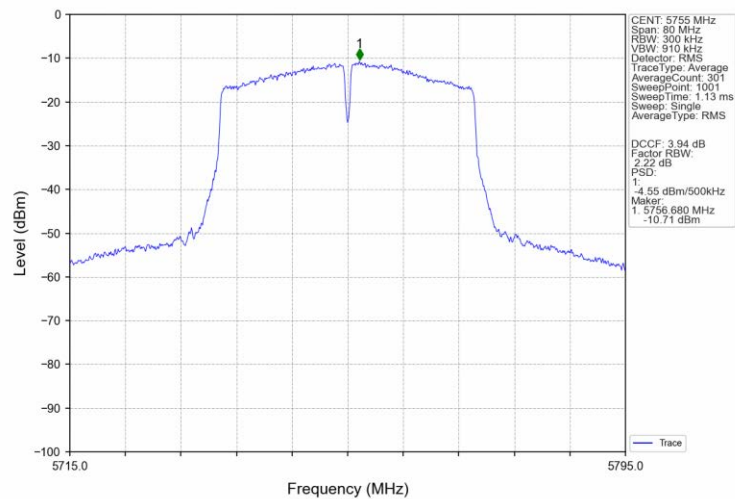
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



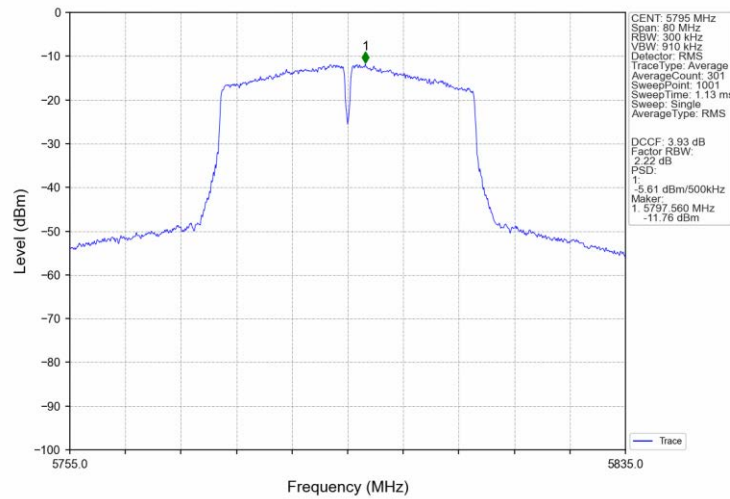
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



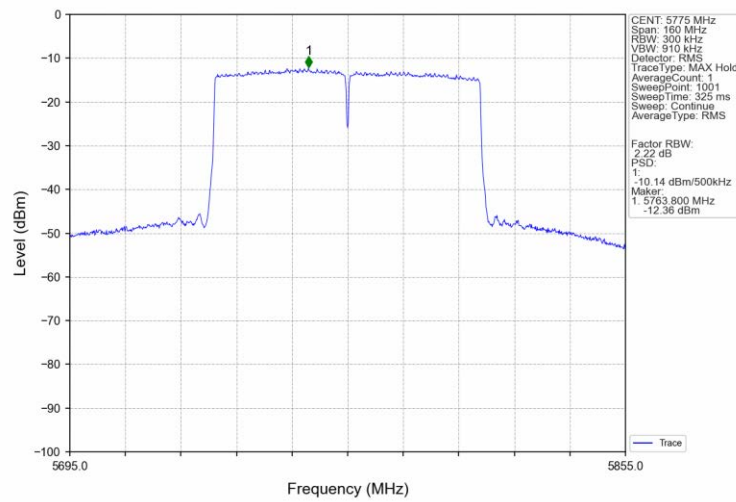
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



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	5179.965	5150 to 5250	Pass
				138	5179.965	5150 to 5250	Pass
			-30	120	5179.966	5150 to 5250	Pass
			-20	120	5179.967	5150 to 5250	Pass
			-10	120	5179.968	5150 to 5250	Pass
			0	120	5179.968	5150 to 5250	Pass
			10	120	5179.970	5150 to 5250	Pass
			30	120	5179.971	5150 to 5250	Pass
			40	120	5179.971	5150 to 5250	Pass
			50	120	5179.973	5150 to 5250	Pass
		5200	20	102	5199.981	5150 to 5250	Pass
				120	5199.982	5150 to 5250	Pass
				138	5199.982	5150 to 5250	Pass
			-30	120	5199.983	5150 to 5250	Pass
			-20	120	5199.983	5150 to 5250	Pass
			-10	120	5199.984	5150 to 5250	Pass
			0	120	5199.985	5150 to 5250	Pass
			10	120	5199.985	5150 to 5250	Pass
			30	120	5199.985	5150 to 5250	Pass
			40	120	5199.985	5150 to 5250	Pass
			50	120	5199.985	5150 to 5250	Pass
		5240	20	102	5239.976	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5239.982	5150 to 5250	Pass
			-30	120	5239.983	5150 to 5250	Pass
			-20	120	5239.984	5150 to 5250	Pass
			-10	120	5239.984	5150 to 5250	Pass
			0	120	5239.985	5150 to 5250	Pass
			10	120	5239.986	5150 to 5250	Pass
			30	120	5239.986	5150 to 5250	Pass
			40	120	5239.987	5150 to 5250	Pass
			50	120	5239.987	5150 to 5250	Pass
		5745	20	102	5744.974	5725 to 5850	Pass
				120	5744.978	5725 to 5850	Pass
				138	5744.981	5725 to 5850	Pass
			-30	120	5744.983	5725 to 5850	Pass
			-20	120	5744.985	5725 to 5850	Pass
			-10	120	5744.987	5725 to 5850	Pass
			0	120	5744.988	5725 to 5850	Pass
			10	120	5744.989	5725 to 5850	Pass
			30	120	5744.990	5725 to 5850	Pass
			40	120	5744.991	5725 to 5850	Pass
			50	120	5744.992	5725 to 5850	Pass
		5785	20	102	5784.961	5725 to 5850	Pass
				120	5784.961	5725 to 5850	Pass

				138	5784.961	5725 to 5850	Pass
			-30	120	5784.962	5725 to 5850	Pass
			-20	120	5784.962	5725 to 5850	Pass
			-10	120	5784.963	5725 to 5850	Pass
			0	120	5784.963	5725 to 5850	Pass
			10	120	5784.963	5725 to 5850	Pass
			30	120	5784.964	5725 to 5850	Pass
			40	120	5784.964	5725 to 5850	Pass
			50	120	5784.965	5725 to 5850	Pass
		5825	20	102	5824.962	5725 to 5850	Pass
				120	5824.963	5725 to 5850	Pass
				138	5824.963	5725 to 5850	Pass
			-30	120	5824.964	5725 to 5850	Pass
			-20	120	5824.964	5725 to 5850	Pass
			-10	120	5824.965	5725 to 5850	Pass
			0	120	5824.965	5725 to 5850	Pass
			10	120	5824.966	5725 to 5850	Pass
			30	120	5824.966	5725 to 5850	Pass
			40	120	5824.967	5725 to 5850	Pass
			50	120	5824.967	5725 to 5850	Pass
		5190	20	102	5189.966	5150 to 5250	Pass
				120	5189.968	5150 to 5250	Pass
				138	5189.969	5150 to 5250	Pass
			-30	120	5189.969	5150 to 5250	Pass
			-20	120	5189.970	5150 to 5250	Pass
			-10	120	5189.970	5150 to 5250	Pass
			0	120	5189.971	5150 to 5250	Pass
			10	120	5189.971	5150 to 5250	Pass
			30	120	5189.971	5150 to 5250	Pass
			40	120	5189.972	5150 to 5250	Pass
			50	120	5189.972	5150 to 5250	Pass
		5230	20	102	5229.967	5150 to 5250	Pass
				120	5229.968	5150 to 5250	Pass
				138	5229.968	5150 to 5250	Pass
			-30	120	5229.968	5150 to 5250	Pass
			-20	120	5229.968	5150 to 5250	Pass
			-10	120	5229.968	5150 to 5250	Pass
			0	120	5229.968	5150 to 5250	Pass
			10	120	5229.968	5150 to 5250	Pass
			30	120	5229.967	5150 to 5250	Pass
			40	120	5229.967	5150 to 5250	Pass
			50	120	5229.967	5150 to 5250	Pass
		5755	20	102	5754.961	5725 to 5850	Pass
				120	5754.963	5725 to 5850	Pass
				138	5754.964	5725 to 5850	Pass
			-30	120	5754.964	5725 to 5850	Pass
			-20	120	5754.965	5725 to 5850	Pass
			-10	120	5754.965	5725 to 5850	Pass
			0	120	5754.965	5725 to 5850	Pass
			10	120	5754.965	5725 to 5850	Pass
			30	120	5754.965	5725 to 5850	Pass
			40	120	5754.965	5725 to 5850	Pass
			50	120	5754.966	5725 to 5850	Pass
		5795	20	102	5794.960	5725 to 5850	Pass
				120	5794.962	5725 to 5850	Pass
				138	5794.963	5725 to 5850	Pass
			-30	120	5794.965	5725 to 5850	Pass
			-20	120	5794.966	5725 to 5850	Pass
			-10	120	5794.966	5725 to 5850	Pass

			0	120	5794.966	5725 to 5850	Pass
			10	120	5794.967	5725 to 5850	Pass
			30	120	5794.967	5725 to 5850	Pass
			40	120	5794.967	5725 to 5850	Pass
			50	120	5794.967	5725 to 5850	Pass
		5210	20	102	5209.966	5150 to 5250	Pass
				120	5209.967	5150 to 5250	Pass
				138	5209.967	5150 to 5250	Pass
			-30	120	5209.968	5150 to 5250	Pass
			-20	120	5209.968	5150 to 5250	Pass
			-10	120	5209.968	5150 to 5250	Pass
			0	120	5209.968	5150 to 5250	Pass
			10	120	5209.968	5150 to 5250	Pass
			30	120	5209.968	5150 to 5250	Pass
			40	120	5209.968	5150 to 5250	Pass
			50	120	5209.968	5150 to 5250	Pass
		5775	20	102	5774.964	5725 to 5850	Pass
				120	5774.964	5725 to 5850	Pass
				138	5774.965	5725 to 5850	Pass
			-30	120	5774.966	5725 to 5850	Pass
			-20	120	5774.966	5725 to 5850	Pass
			-10	120	5774.966	5725 to 5850	Pass
			0	120	5774.967	5725 to 5850	Pass
			10	120	5774.967	5725 to 5850	Pass
			30	120	5774.967	5725 to 5850	Pass
			40	120	5774.968	5725 to 5850	Pass
			50	120	5774.967	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	0.0107	10.31
5745	5825	0.0099	9.94
5190	5230	0.0103	10.13
5755	5795	0.0116	10.63
5210	5210	0.0080	9.05