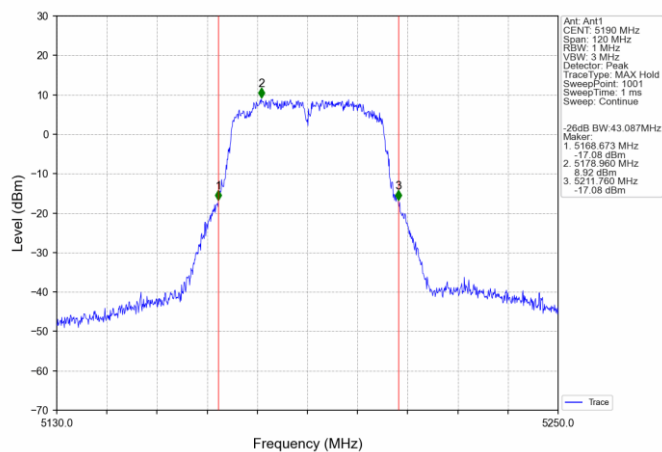
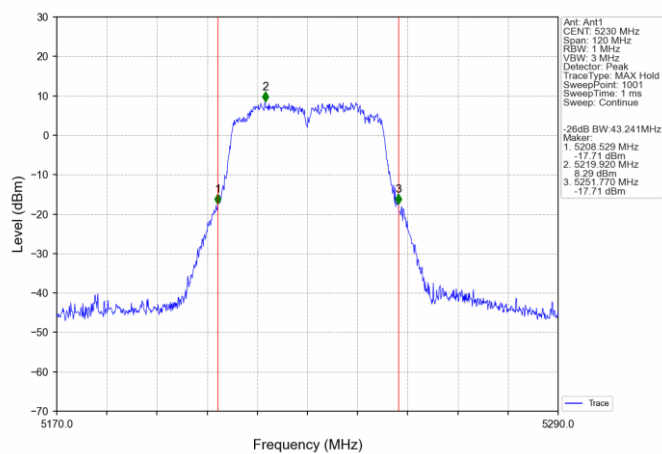




802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



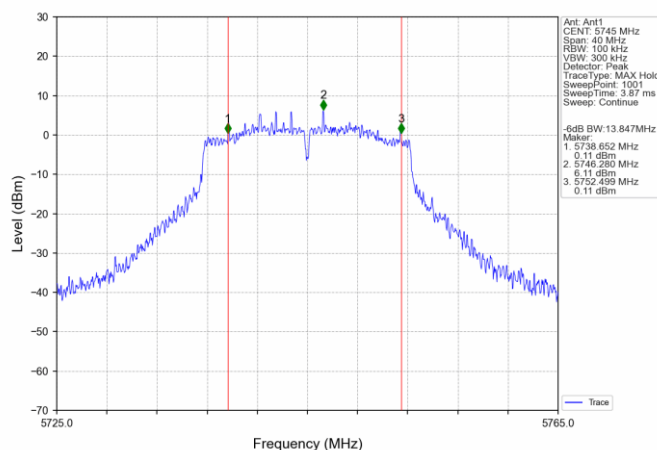
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



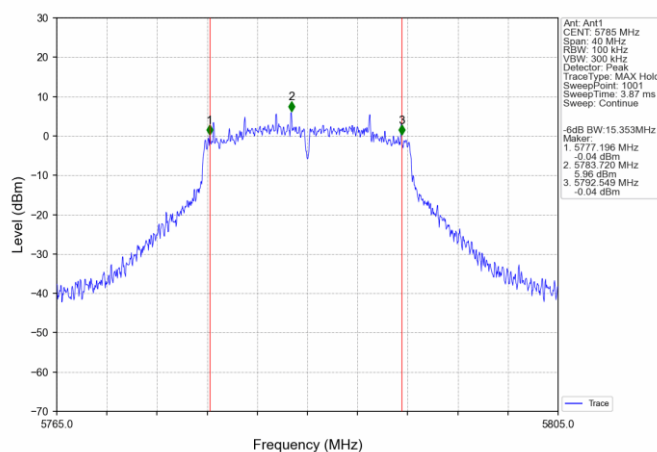


2.2.3 6dB BW

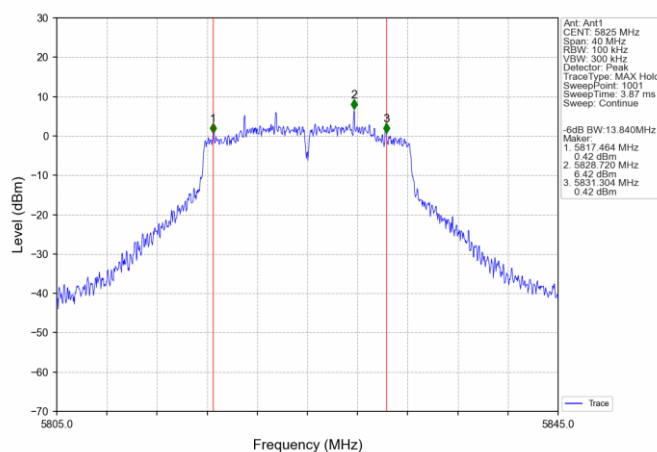
802.11a LCH_5745MHz_Ant1_NTNV



802.11a MCH_5785MHz_Ant1_NTNV

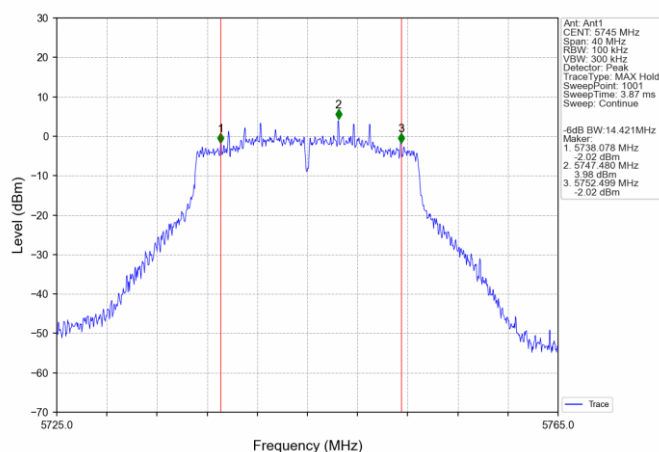


802.11a HCH_5825MHz_Ant1_NTNV

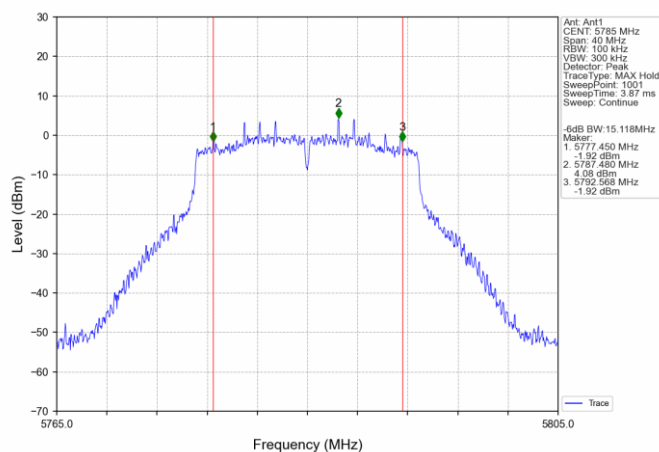




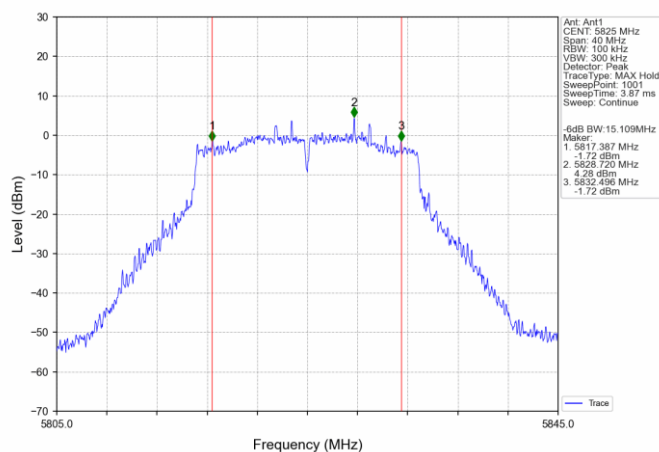
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

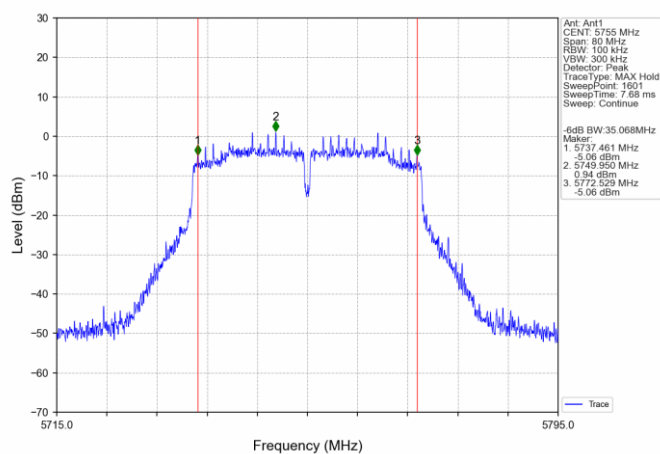


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

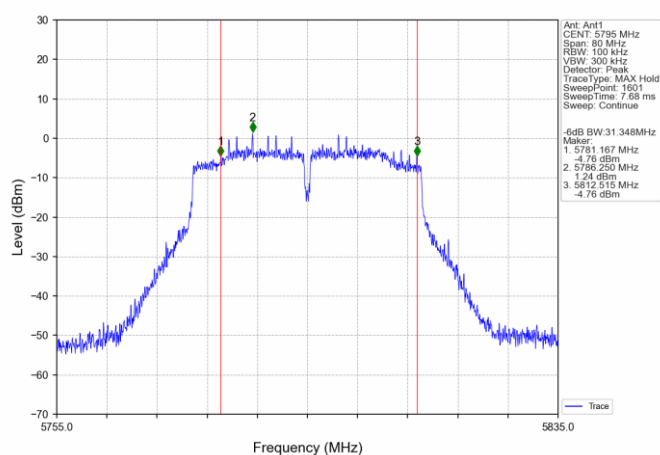




802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV





3. MAXIMUM CONDUCTED OUTPUT POWER

3.1 Test Result

3.1.1 Power

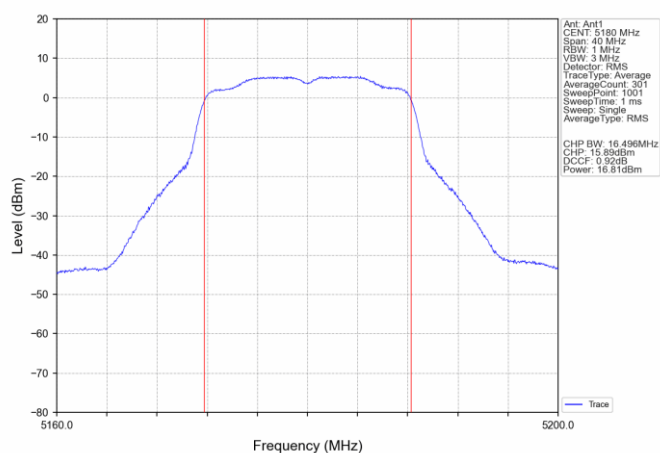
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	16.81	<=23.98	Pass
		5200	16.57	<=23.98	Pass
		5240	16.41	<=23.98	Pass
		5745	16.03	<=30	Pass
		5785	16.18	<=30	Pass
		5825	16.30	<=30	Pass
802.11n (HT20)	SISO	5180	14.59	<=23.98	Pass
		5200	14.46	<=23.98	Pass
		5240	14.14	<=23.98	Pass
		5745	13.85	<=30	Pass
		5785	13.81	<=30	Pass
		5825	14.17	<=30	Pass
802.11n (HT40)	SISO	5190	14.78	<=23.98	Pass
		5230	14.38	<=23.98	Pass
		5755	13.93	<=30	Pass
		5795	13.96	<=30	Pass
Note1: Antenna Gain: - Band: 1 Ant1: 2.67dBi; - Band: 3 Ant1: 2.67dBi;					



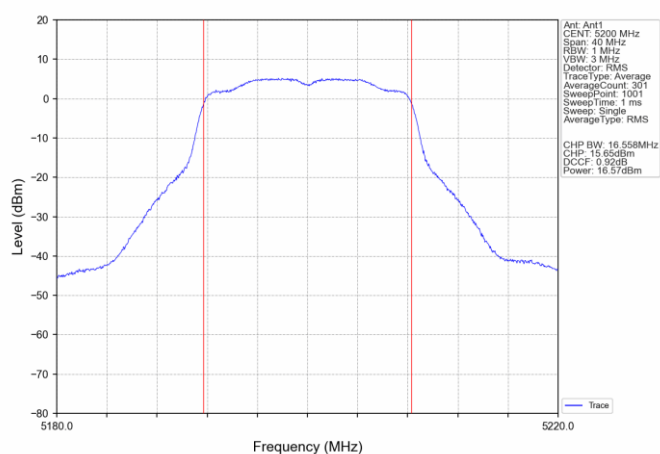
3.2 Test Graph

3.2.1 Power

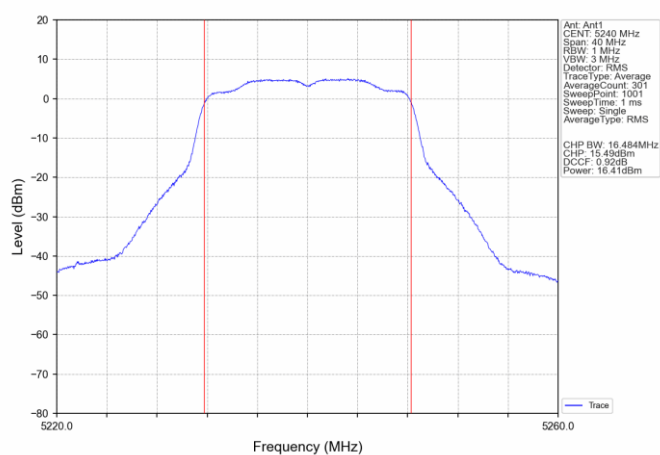
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV

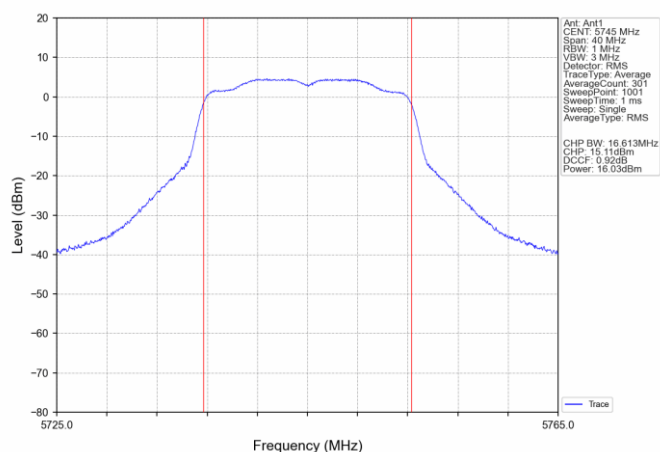


802.11a_HCH_5240MHz_Ant1_NTNV

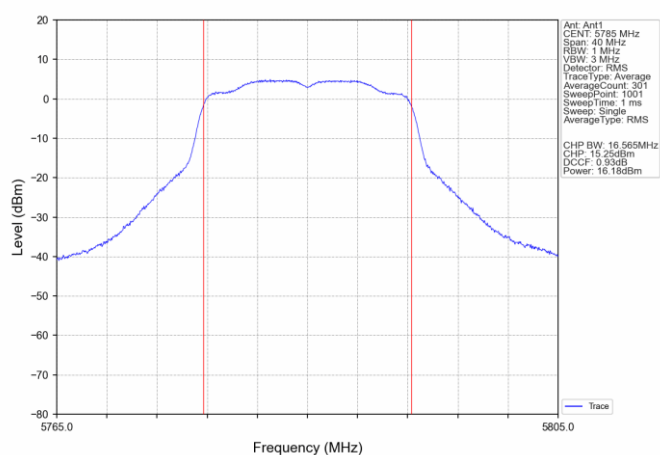




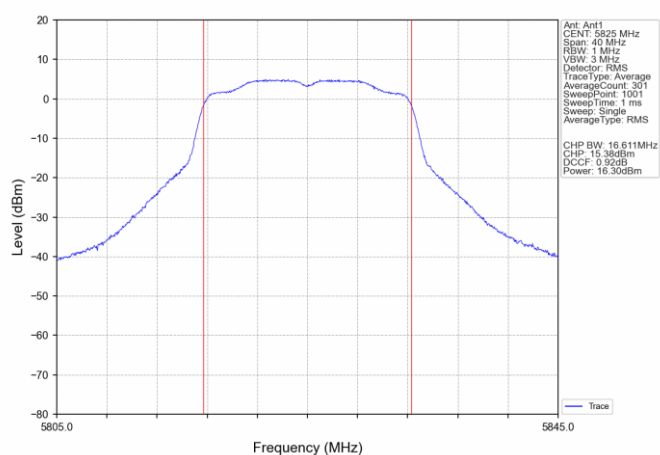
802.11a LCH_5745MHz_Ant1_NTNV



802.11a MCH_5785MHz_Ant1_NTNV

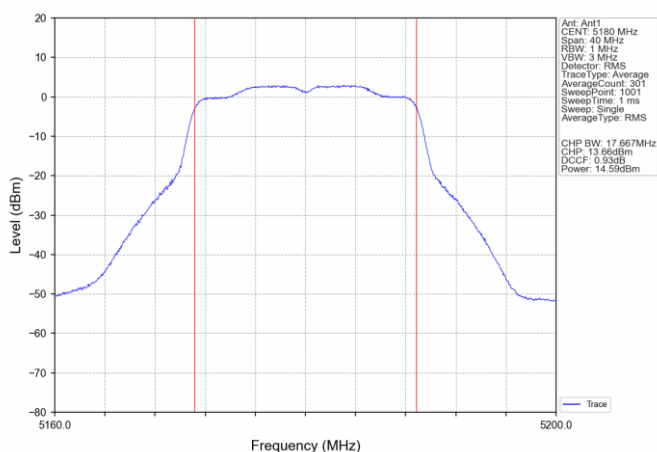


802.11a HCH_5825MHz_Ant1_NTNV

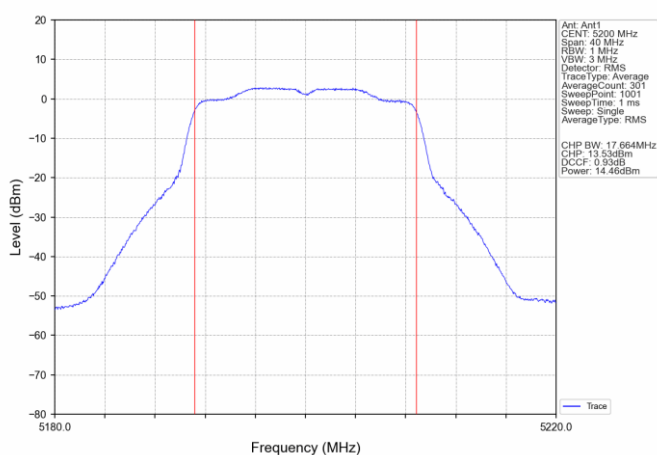




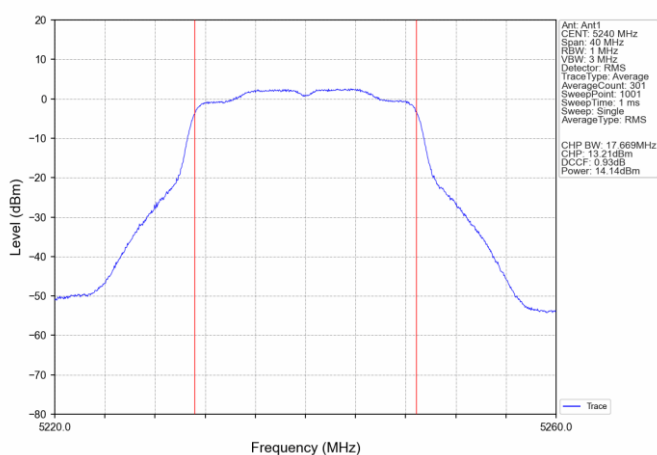
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

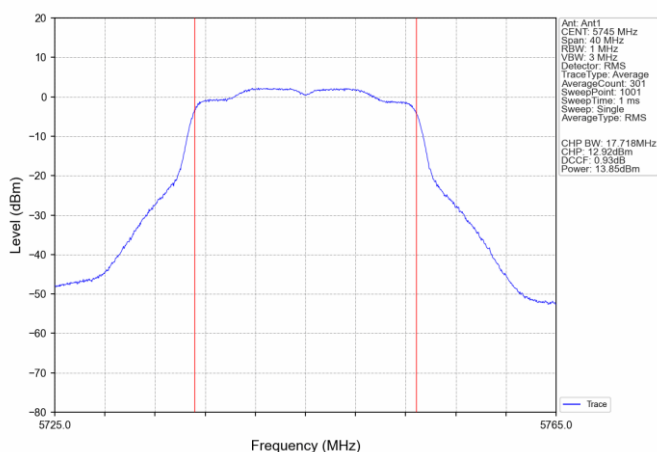


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

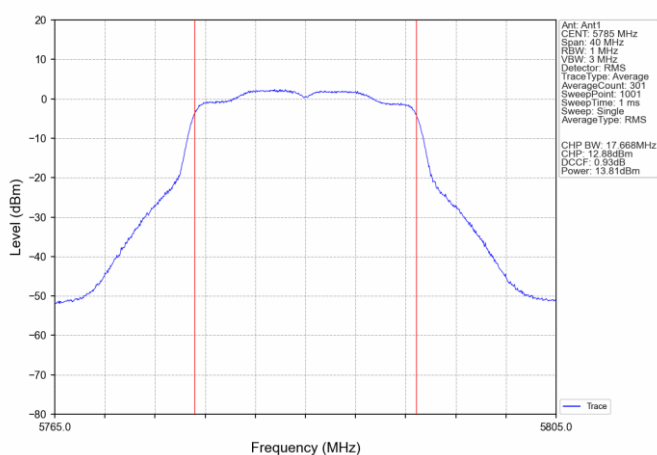




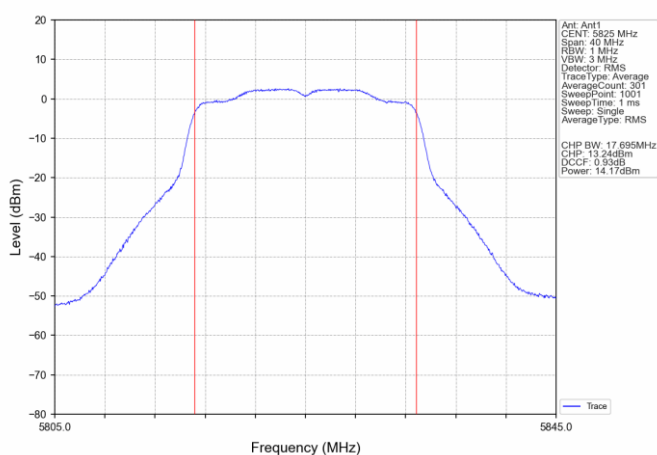
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

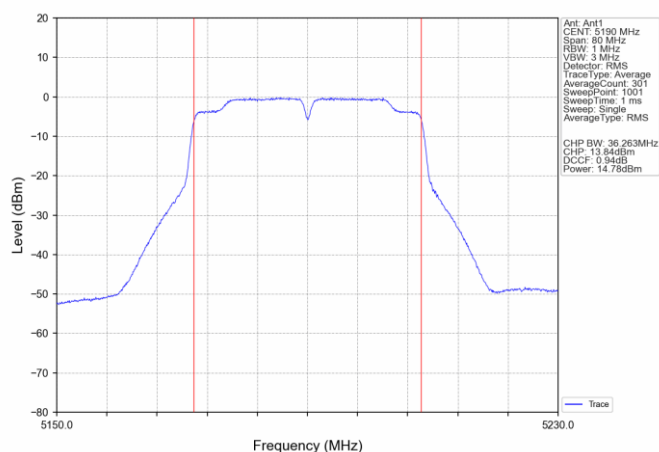


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

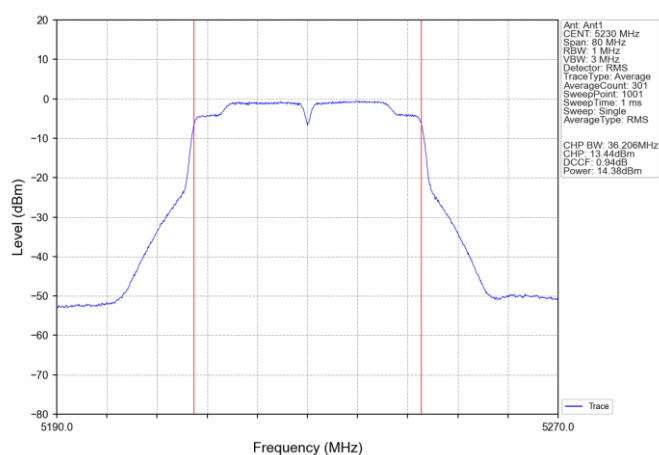




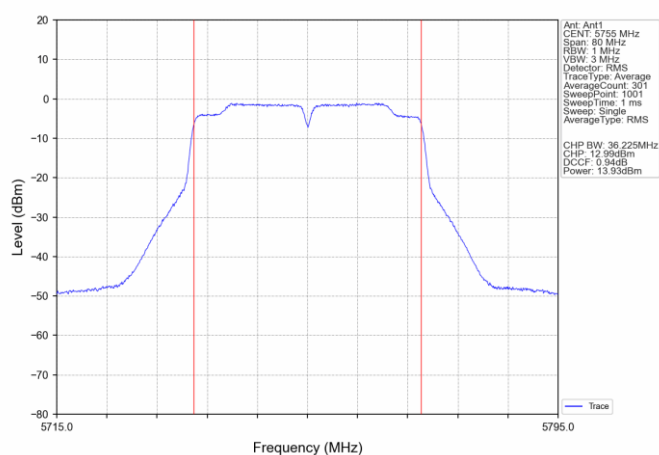
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

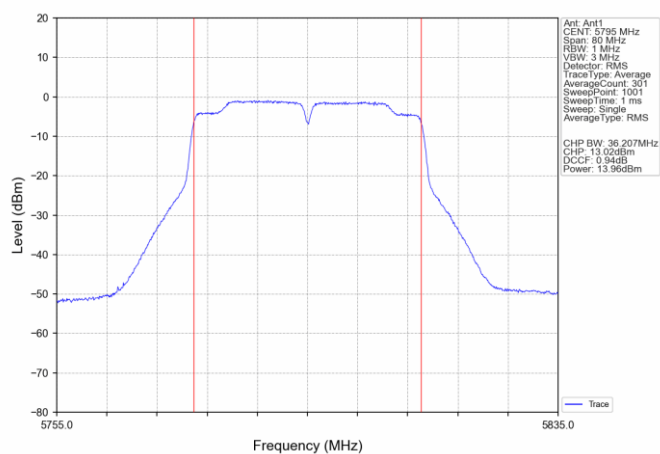


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV





802.11n(HT40)_HCH_5795MHz_Ant1_NTNV





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	6.53	<=11	Pass
		5200	6.17	<=11	Pass
		5240	5.87	<=11	Pass
802.11n (HT20)	SISO	5180	4.03	<=11	Pass
		5200	3.57	<=11	Pass
		5240	3.42	<=11	Pass
802.11n (HT40)	SISO	5190	0.77	<=11	Pass
		5230	0.28	<=11	Pass

Note1: Antenna Gain:
- Band: 1 Ant1: 2.67dBi;
- Band: 3 Ant1: 2.67dBi;

4.1.2 PSD-Band3

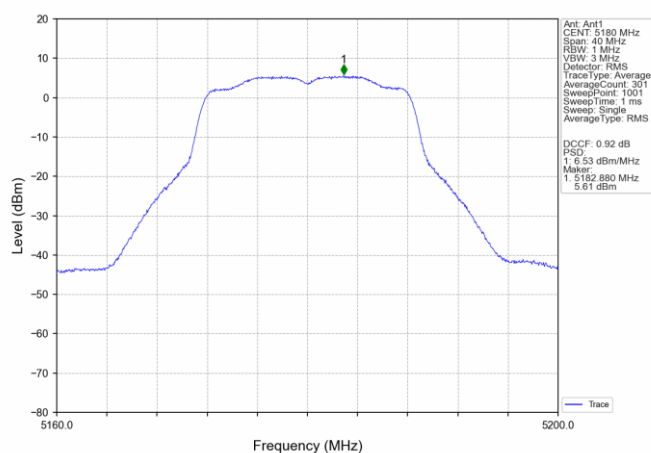
7.1.2.1 PSD Bands					
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	2.76	<=30	Pass
		5785	2.71	<=30	Pass
		5825	2.96	<=30	Pass
802.11n (HT20)	SISO	5745	0.12	<=30	Pass
		5785	0.39	<=30	Pass
		5825	0.47	<=30	Pass
802.11n (HT40)	SISO	5755	-2.83	<=30	Pass
		5795	-2.80	<=30	Pass
Note1: Antenna Gain: - Band: 3 Ant1: 2.67dBi; - Band: 1 Ant1: 2.67dBi;					



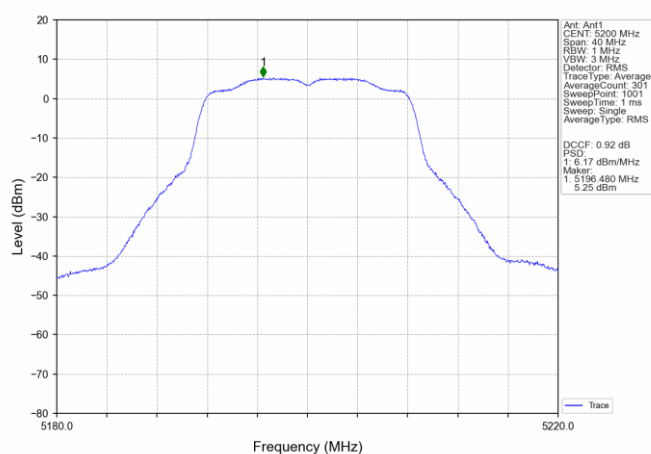
4.2 Test Graph

4.2.1 PSD

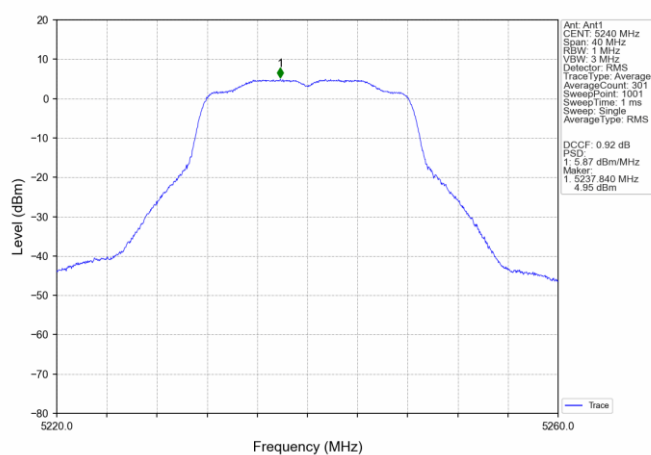
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_MCH_5200MHz_Ant1_NTNV

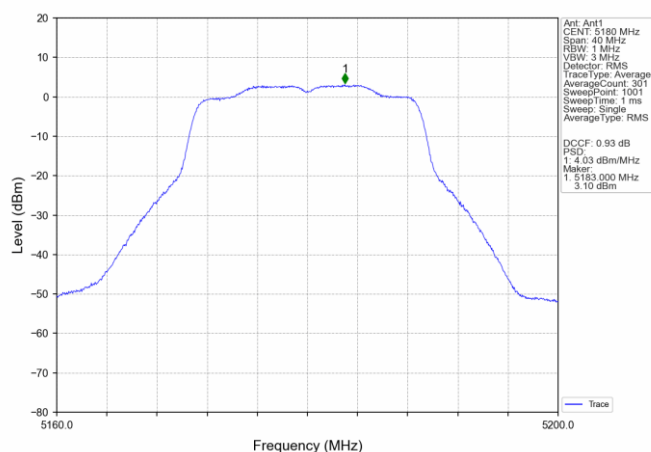


802.11a_HCH_5240MHz_Ant1_NTNV

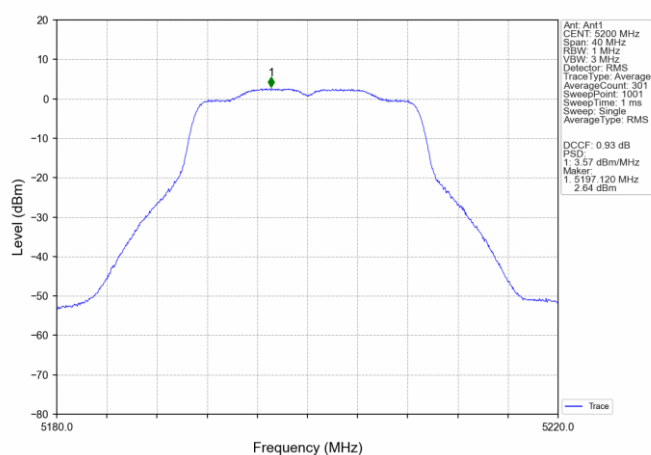




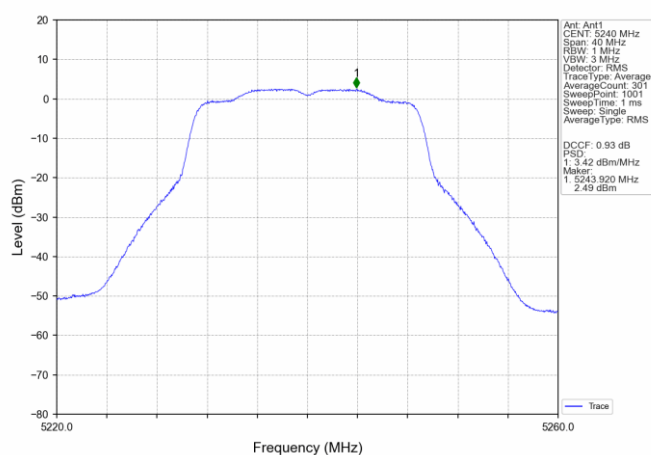
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

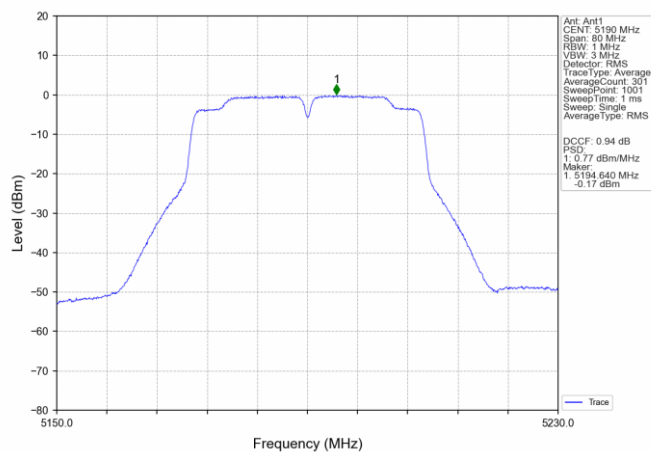


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

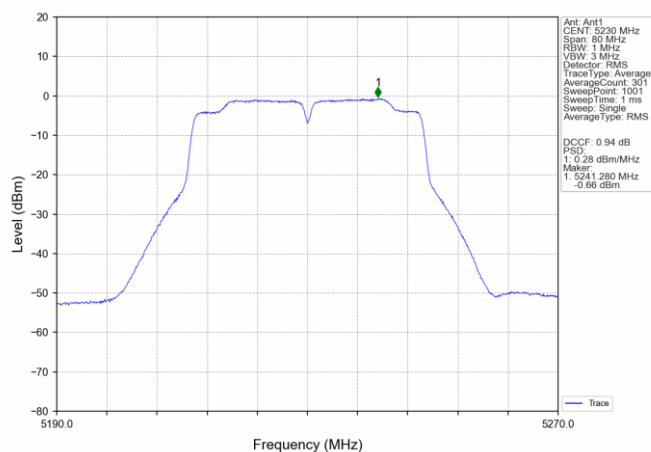




802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



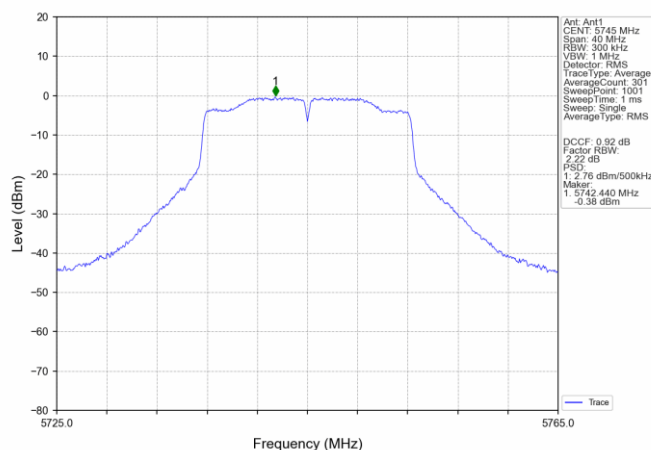
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



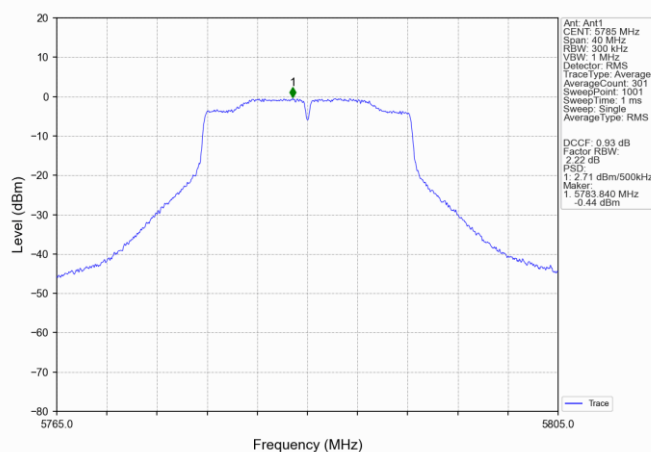


4.2.2 PSD-Band3

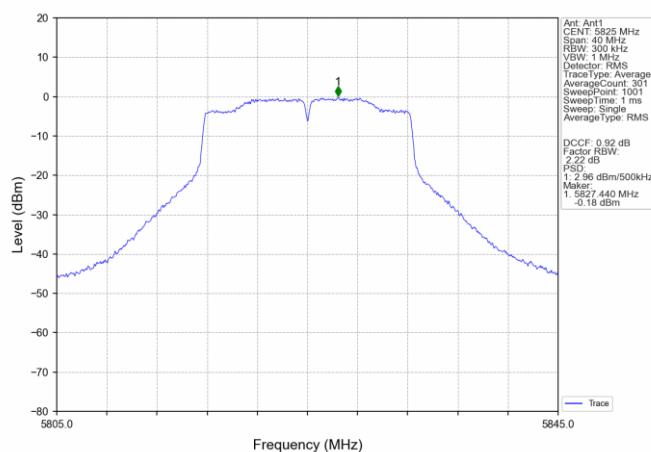
802.11a LCH_5745MHz_Ant1_NTNV



802.11a MCH_5785MHz_Ant1_NTNV

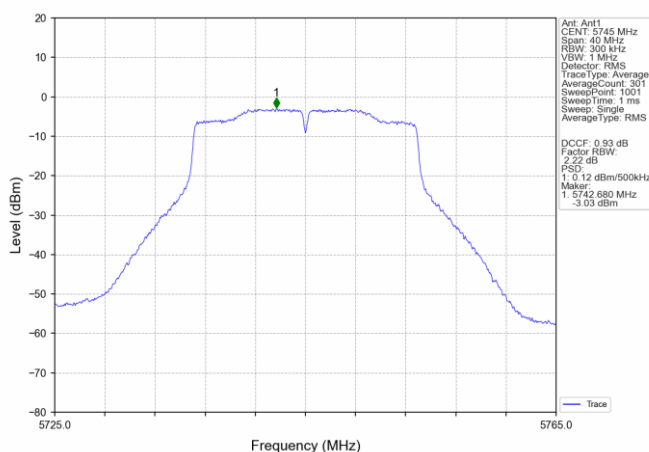


802.11a HCH_5825MHz_Ant1_NTNV

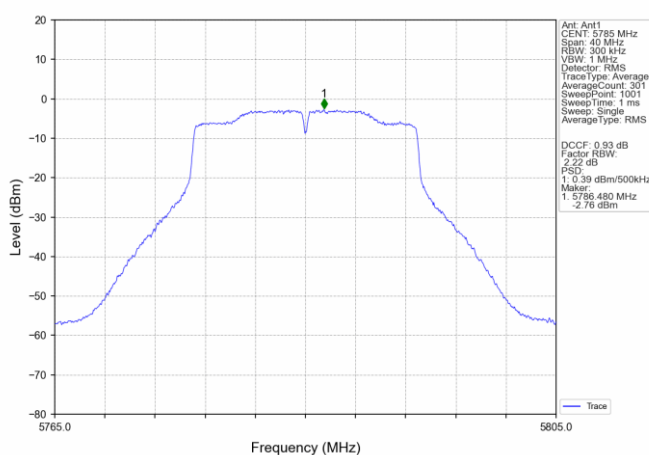




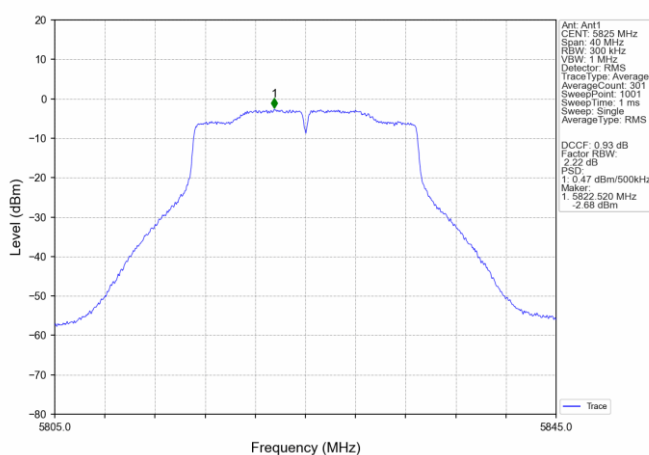
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

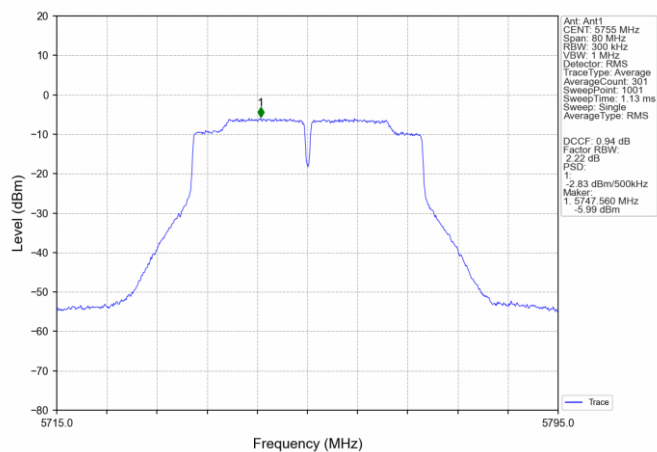


802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

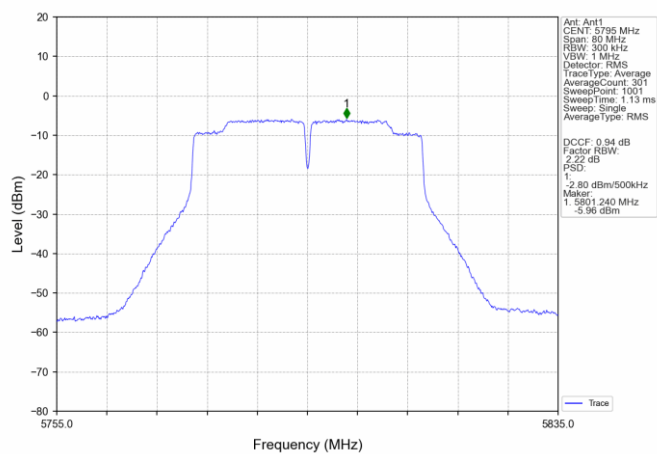




802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV





5. BAND EDGE

5.1 Test Result

5.1.1 BandEdge

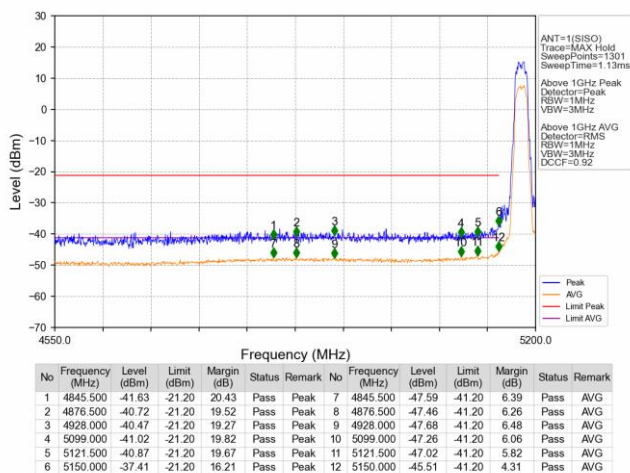
Mode	TX Type	Frequency (MHz)	ANT	Level of Unwanted Emissions (dBm)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT20)	SISO	5180	1	Refer To Test Graph		Pass
		5240	1	Refer To Test Graph		Pass
		5745	1	Refer To Test Graph		Pass
		5825	1	Refer To Test Graph		Pass
802.11n (HT40)	SISO	5190	1	Refer To Test Graph		Pass
		5230	1	Refer To Test Graph		Pass
		5755	1	Refer To Test Graph		Pass
		5795	1	Refer To Test Graph		Pass



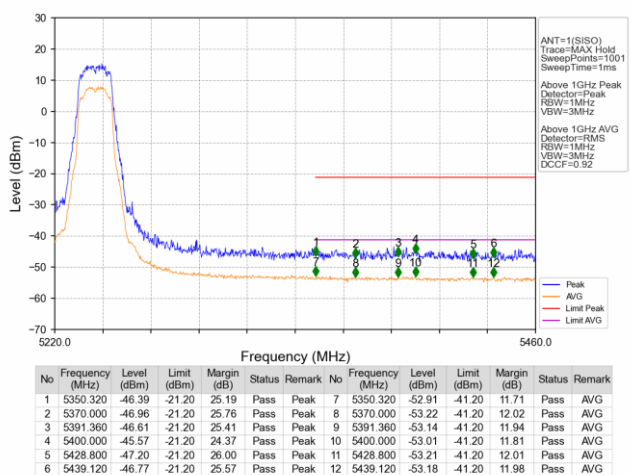
5.2 Test Graph

5.2.1 BandEdge

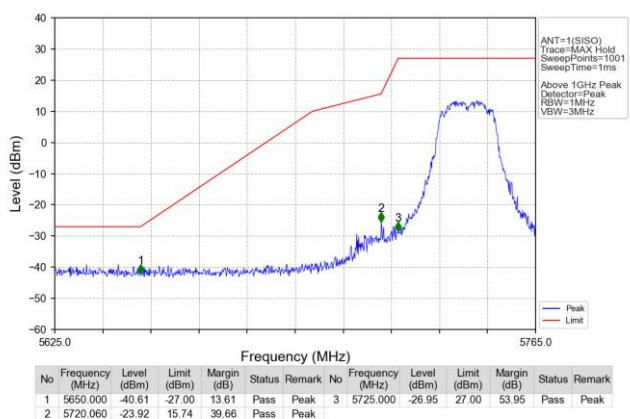
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_HCH_5240MHz_Ant1_NTNV

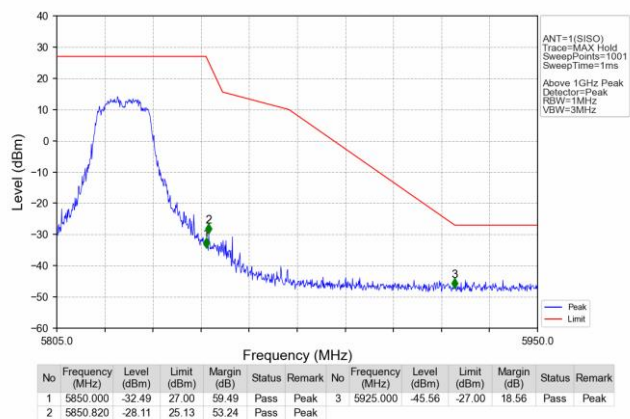


802.11a_LCH_5745MHz_Ant1_NTNV

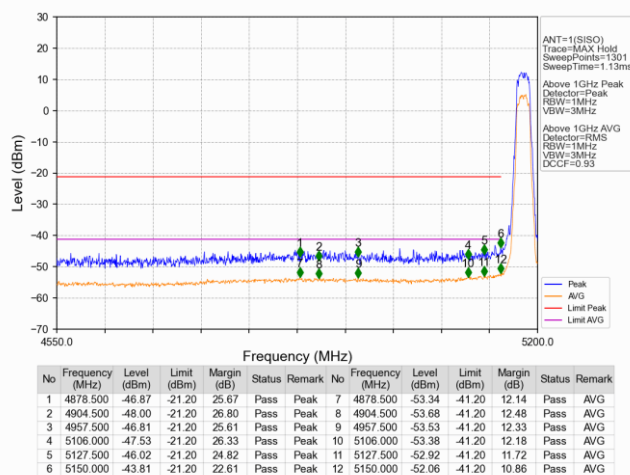




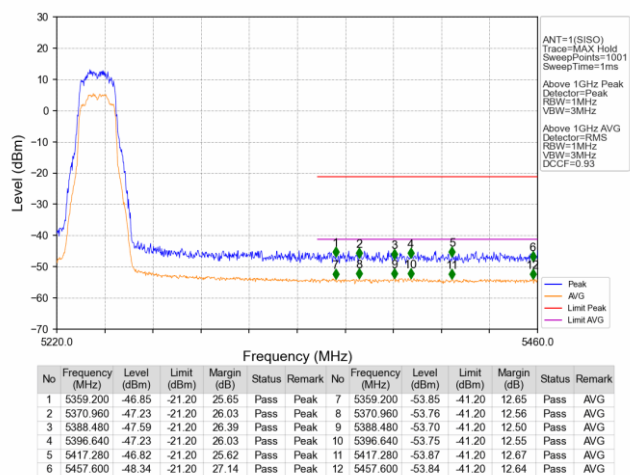
802.11a HCH 5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant1_NTNV

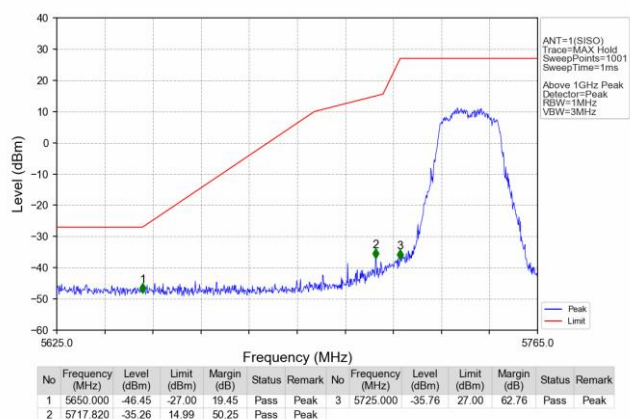


802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

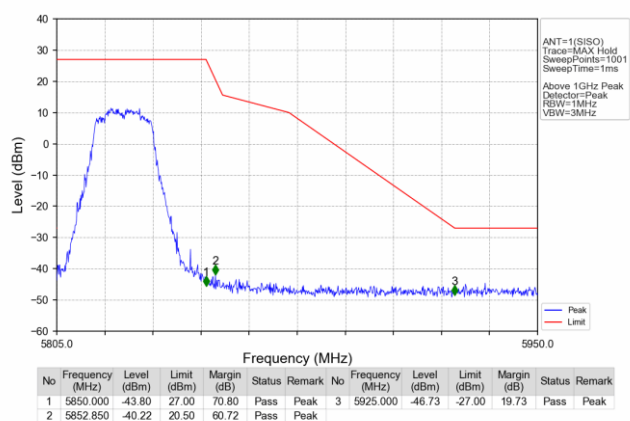




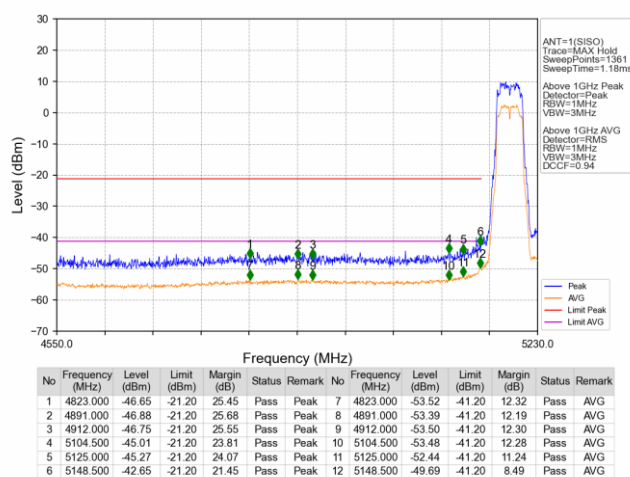
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

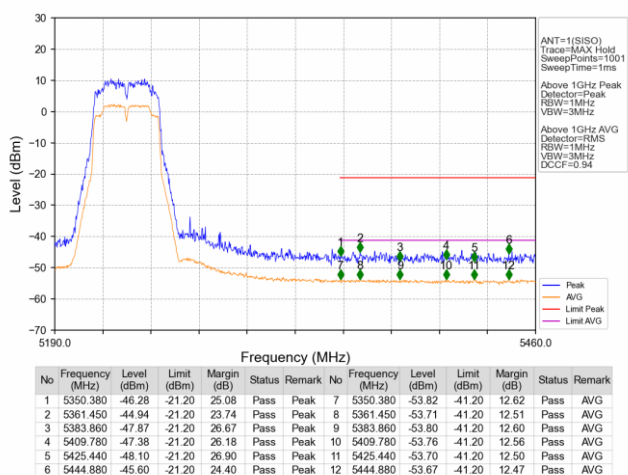


802.11n(HT40)_LCH_5190MHz_Ant1_NTNV

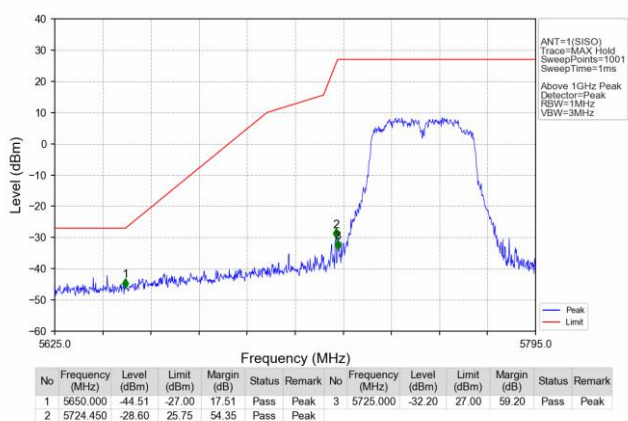




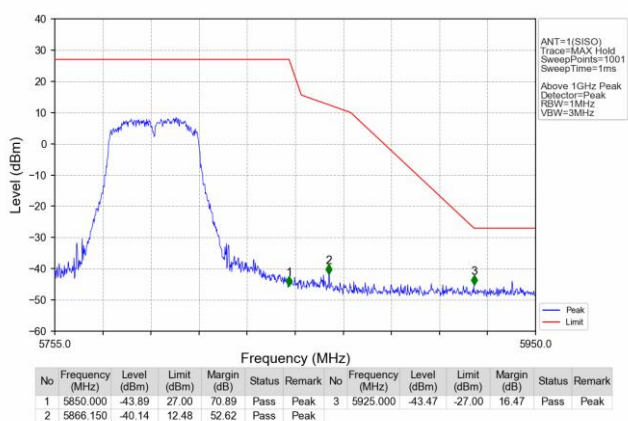
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV





APPENDIX II - MEASUREMENT PHOTOS

Note: Please see the attached RF_Test Setup photos for FCC.

※※※※※END OF THE REPORT※※※※※