



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	13.72	13.01	/	<=23.98	Pass
		5200	/	/	13.10	12.79	/	<=23.98	Pass
		5240	/	/	13.18	13.12	/	<=23.98	Pass
		5260	/	/	13.77	13.57	/	<=23.98	Pass
		5300	/	/	13.98	14.07	/	<=23.98	Pass
		5320	/	/	14.22	14.22	/	<=23.98	Pass
		5500	/	/	13.99	14.19	/	<=23.98	Pass
		5580	/	/	13.54	13.06	/	<=23.98	Pass
		5700	/	/	13.35	12.19	/	<=23.98	Pass
		5745	/	/	14.44	12.99	/	<=30	Pass
		5785	/	/	14.56	13.37	/	<=30	Pass
		5825	/	/	14.27	13.34	/	<=30	Pass
802.11n (HT20)	SISO	5180	/	/	13.01	13.11	/	<=23.98	Pass
		5200	/	/	13.11	12.91	/	<=23.98	Pass
		5240	/	/	13.15	13.04	/	<=23.98	Pass
		5260	/	/	13.61	13.65	/	<=23.98	Pass
		5300	/	/	14.11	14.17	/	<=23.98	Pass
		5320	/	/	14.31	14.31	/	<=23.98	Pass
		5500	/	/	14.03	14.05	/	<=23.98	Pass
		5580	/	/	13.42	13.10	/	<=23.98	Pass
		5700	/	/	13.26	12.14	/	<=23.98	Pass
		5745	/	/	14.42	13.03	/	<=30	Pass
		5785	/	/	14.44	13.44	/	<=30	Pass
		5825	/	/	14.12	13.16	/	<=30	Pass
802.11n (HT40)	SISO	5190	/	/	9.76	9.81	/	<=23.98	Pass
		5230	/	/	9.66	9.80	/	<=23.98	Pass
		5270	/	/	10.34	10.42	/	<=23.98	Pass
		5310	/	/	10.44	10.63	/	<=23.98	Pass
		5510	/	/	10.68	11.05	/	<=23.98	Pass
		5550	/	/	10.36	10.34	/	<=23.98	Pass
		5670	/	/	9.70	9.23	/	<=23.98	Pass
		5755	/	/	11.65	9.84	/	<=30	Pass
		5795	/	/	11.52	10.05	/	<=30	Pass
802.11n	MIMO	5180	/	/	8.85	8.87	11.87	<=21.97	Pass



(HT20)		5200	/	/	8.77	8.75	11.77	<=21.97	Pass
		5240	/	/	8.51	8.81	11.67	<=21.97	Pass
		5260	/	/	9.40	9.45	12.44	<=21.97	Pass
		5300	/	/	9.72	9.72	12.73	<=21.97	Pass
		5320	/	/	9.84	9.93	12.90	<=21.97	Pass
		5500	/	/	9.46	9.96	12.73	<=21.97	Pass
		5580	/	/	8.72	8.78	11.76	<=21.97	Pass
		5700	/	/	8.57	7.82	11.22	<=21.97	Pass
		5745	/	/	9.96	8.71	12.39	<=27.99	Pass
		5785	/	/	9.91	8.86	12.43	<=27.99	Pass
		5825	/	/	9.73	8.83	12.31	<=27.99	Pass
802.11n (HT40)	MIMO	5190	/	/	9.51	9.63	12.58	<=21.97	Pass
		5230	/	/	9.46	9.60	12.54	<=21.97	Pass
		5270	/	/	10.10	10.23	13.18	<=21.97	Pass
		5310	/	/	10.44	10.57	13.52	<=21.97	Pass
		5510	/	/	10.65	10.99	13.83	<=21.97	Pass
		5550	/	/	10.06	10.28	13.18	<=21.97	Pass
		5670	/	/	9.50	8.95	12.24	<=21.97	Pass
		5755	/	/	11.44	9.67	13.65	<=27.99	Pass
		5795	/	/	11.32	10.03	13.73	<=27.99	Pass
802.11ac (VHT20)	SISO	5180	/	/	13.07	13.03	/	<=23.98	Pass
		5200	/	/	13.13	12.91	/	<=23.98	Pass
		5240	/	/	13.22	13.04	/	<=23.98	Pass
		5260	/	/	13.72	13.99	/	<=23.98	Pass
		5300	/	/	14.14	13.98	/	<=23.98	Pass
		5320	/	/	14.25	14.22	/	<=23.98	Pass
		5500	/	/	13.92	14.04	/	<=23.98	Pass
		5580	/	/	13.39	13.17	/	<=23.98	Pass
		5700	/	/	13.26	12.28	/	<=23.98	Pass
		5745	/	/	14.46	13.01	/	<=30	Pass
		5785	/	/	14.42	13.42	/	<=30	Pass
		5825	/	/	14.17	13.40	/	<=30	Pass
802.11ac (VHT40)	SISO	5190	/	/	9.74	9.64	/	<=23.98	Pass
		5230	/	/	9.61	9.77	/	<=23.98	Pass
		5270	/	/	10.30	10.42	/	<=23.98	Pass
		5310	/	/	10.68	10.67	/	<=23.98	Pass
		5510	/	/	10.74	11.05	/	<=23.98	Pass
		5550	/	/	10.39	10.29	/	<=23.98	Pass
		5670	/	/	9.52	9.15	/	<=23.98	Pass



		5755	/	/	11.67	9.89	/	<=30	Pass
		5795	/	/	11.46	10.11	/	<=30	Pass
802.11ac (VHT80)	SISO	5210	/	/	9.88	9.86	/	<=23.98	Pass
		5290	/	/	10.18	10.23	/	<=23.98	Pass
		5530	/	/	10.44	9.95	/	<=23.98	Pass
		5610	/	/	9.99	9.63	/	<=23.98	Pass
		5775	/	/	11.12	9.58	/	<=30	Pass
802.11ac (VHT20)	MIMO	5180	/	/	8.54	8.88	11.72	<=21.97	Pass
		5200	/	/	8.65	8.81	11.74	<=21.97	Pass
		5240	/	/	8.53	8.84	11.70	<=21.97	Pass
		5260	/	/	9.22	9.42	12.33	<=21.97	Pass
		5300	/	/	9.56	9.71	12.65	<=21.97	Pass
		5320	/	/	9.79	9.81	12.81	<=21.97	Pass
		5500	/	/	9.44	9.99	12.73	<=21.97	Pass
		5580	/	/	8.88	8.74	11.82	<=21.97	Pass
		5700	/	/	8.56	7.85	11.23	<=21.97	Pass
		5745	/	/	10.01	8.81	12.46	<=27.99	Pass
		5785	/	/	10.07	8.96	12.56	<=27.99	Pass
		5825	/	/	9.77	8.86	12.35	<=27.99	Pass
802.11ac (VHT40)	MIMO	5190	/	/	9.50	9.59	12.56	<=21.97	Pass
		5230	/	/	9.47	9.61	12.55	<=21.97	Pass
		5270	/	/	10.21	10.21	13.22	<=21.97	Pass
		5310	/	/	10.47	10.56	13.53	<=21.97	Pass
		5510	/	/	10.65	11.06	13.87	<=21.97	Pass
		5550	/	/	10.11	10.31	13.22	<=21.97	Pass
		5670	/	/	9.55	8.99	12.29	<=21.97	Pass
		5755	/	/	11.48	9.69	13.69	<=27.99	Pass
		5795	/	/	11.29	10.10	13.75	<=27.99	Pass
802.11ac (VHT80)	MIMO	5210	/	/	9.61	9.79	12.71	<=21.97	Pass
		5290	/	/	10.11	10.21	13.17	<=21.97	Pass
		5530	/	/	10.39	10.66	13.54	<=21.97	Pass
		5610	/	/	9.64	9.50	12.58	<=21.97	Pass
		5775	/	/	10.85	9.64	13.30	<=27.99	Pass
802.11ax (HEW20)	SISO	5180	SU	/	13.32	13.20	/	<=23.98	Pass
		5200	SU	/	13.15	13.06	/	<=23.98	Pass
		5240	SU	/	13.23	13.06	/	<=23.98	Pass
		5260	SU	/	13.71	13.78	/	<=23.98	Pass
		5300	SU	/	14.16	14.14	/	<=23.98	Pass
		5320	SU	/	14.34	14.31	/	<=23.98	Pass



		5500	SU	/	14.13	14.21	/	<=23.98	Pass
		5580	SU	/	13.52	13.17	/	<=23.98	Pass
		5700	SU	/	13.25	12.29	/	<=23.98	Pass
		5745	SU	/	14.50	13.13	/	<=30	Pass
		5785	SU	/	14.54	13.54	/	<=30	Pass
		5825	SU	/	14.39	13.27	/	<=30	Pass
802.11ax (HEW40)	SISO	5190	SU	/	9.72	9.67	/	<=23.98	Pass
		5230	SU	/	9.71	9.57	/	<=23.98	Pass
		5270	SU	/	10.76	10.27	/	<=23.98	Pass
		5310	SU	/	10.59	10.58	/	<=23.98	Pass
		5510	SU	/	10.76	11.05	/	<=23.98	Pass
		5550	SU	/	10.38	10.37	/	<=23.98	Pass
		5670	SU	/	9.64	9.16	/	<=23.98	Pass
		5755	SU	/	11.70	9.84	/	<=30	Pass
		5795	SU	/	11.54	10.18	/	<=30	Pass
802.11ax (HEW80)	SISO	5210	SU	/	9.93	9.83	/	<=23.98	Pass
		5290	SU	/	10.17	10.28	/	<=23.98	Pass
		5530	SU	/	10.49	10.74	/	<=23.98	Pass
		5610	SU	/	9.91	9.64	/	<=23.98	Pass
		5775	SU	/	11.20	9.73	/	<=30	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	8.55	8.58	11.58	<=21.97	Pass
		5200	SU	/	8.56	8.60	11.59	<=21.97	Pass
		5240	SU	/	8.57	8.86	11.73	<=21.97	Pass
		5260	SU	/	9.27	9.32	12.31	<=21.97	Pass
		5300	SU	/	9.58	9.73	12.67	<=21.97	Pass
		5320	SU	/	9.80	9.85	12.84	<=21.97	Pass
		5500	SU	/	9.52	10.04	12.80	<=21.97	Pass
		5580	SU	/	8.94	8.81	11.89	<=21.97	Pass
		5700	SU	/	8.65	7.96	11.33	<=21.97	Pass
		5745	SU	/	10.00	8.79	12.45	<=27.99	Pass
		5785	SU	/	10.13	8.95	12.59	<=27.99	Pass
		5825	SU	/	9.88	8.95	12.45	<=27.99	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	9.45	9.62	12.55	<=21.97	Pass
		5230	SU	/	9.70	9.60	12.66	<=21.97	Pass
		5270	SU	/	10.13	10.26	13.21	<=21.97	Pass
		5310	SU	/	10.46	10.65	13.57	<=21.97	Pass
		5510	SU	/	10.70	11.08	13.90	<=21.97	Pass
		5550	SU	/	10.16	10.33	13.26	<=21.97	Pass
		5670	SU	/	9.54	9.00	12.29	<=21.97	Pass



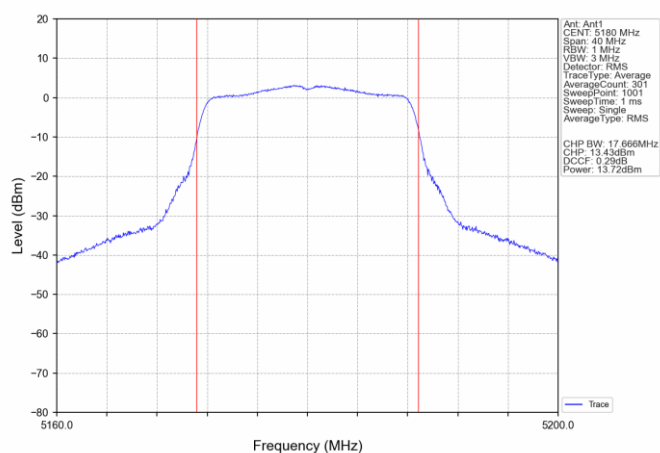
		5755	SU	/	11.61	9.68	13.76	<=27.99	Pass
		5795	SU	/	11.42	10.09	13.82	<=27.99	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	9.59	9.83	12.72	<=21.97	Pass
		5290	SU	/	10.14	10.26	13.21	<=21.97	Pass
		5530	SU	/	10.45	10.66	13.57	<=21.97	Pass
		5610	SU	/	9.59	9.55	12.58	<=21.97	Pass
		5775	SU	/	10.88	9.66	13.32	<=27.99	Pass
Note1: Antenna Gain: Ant1: 5.05dBi; Ant2: 4.95dBi; Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)									



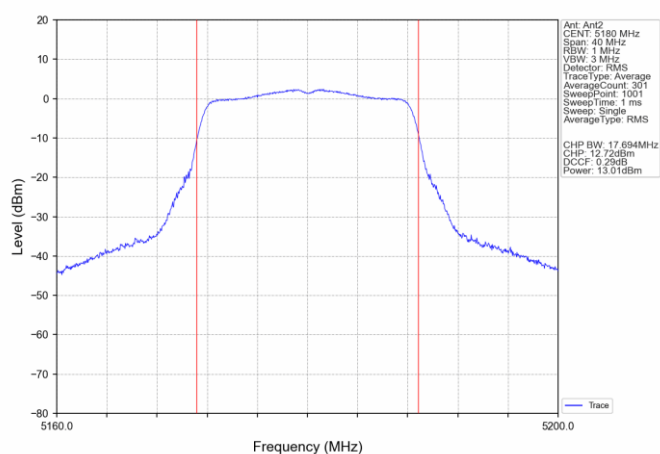
3.2 Test Graph

3.2.1 Power

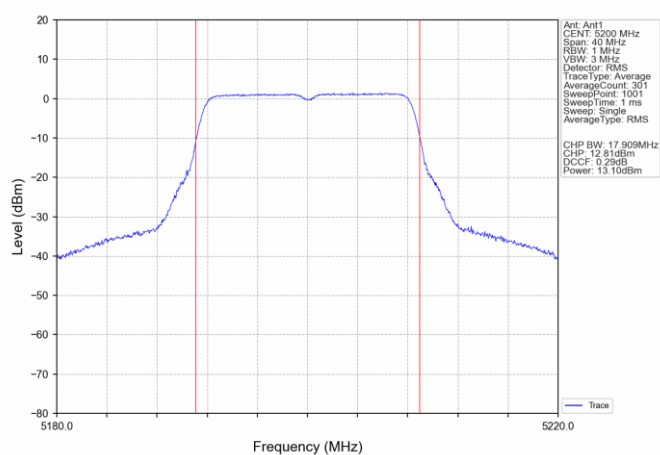
802.11a_LCH_5180MHz_Ant1_NTNV



802.11a_LCH_5180MHz_Ant2_NTNV

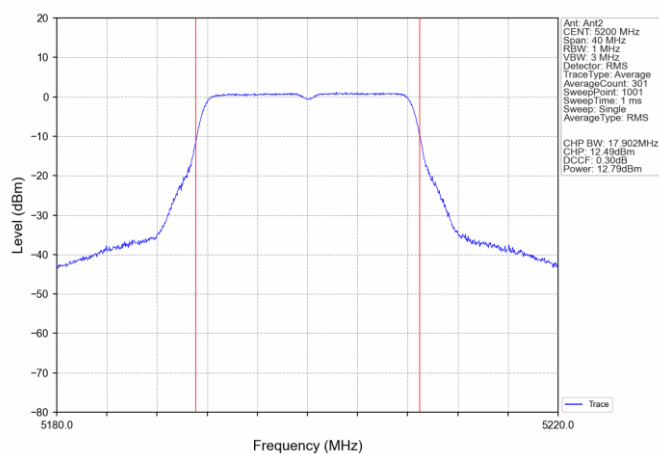


802.11a_MCH_5200MHz_Ant1_NTNV

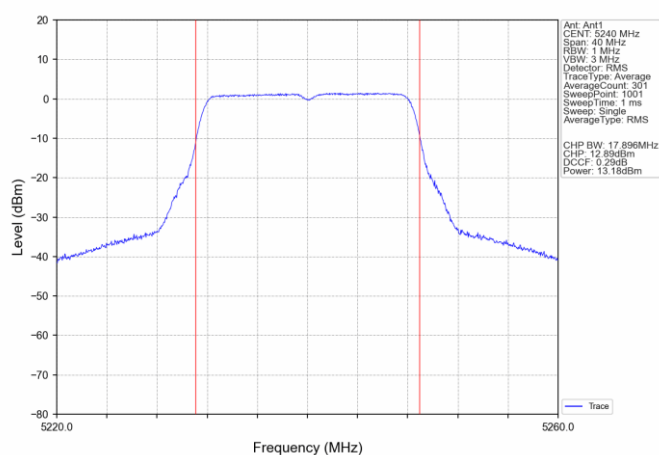




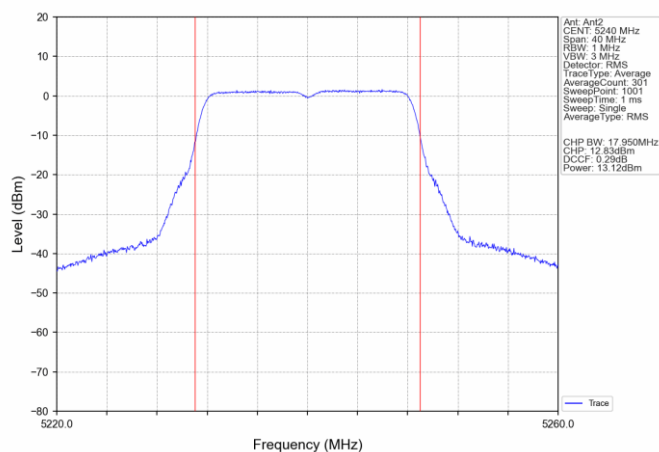
802.11a MCH 5200MHz Ant2_NTNV



802.11a HCH 5240MHz Ant1_NTNV

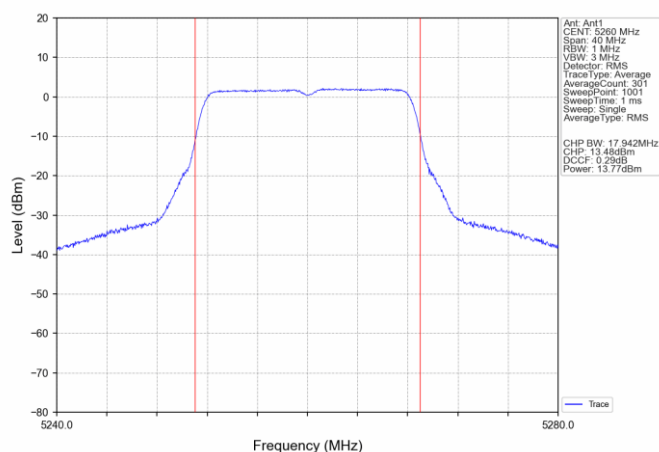


802.11a HCH 5240MHz Ant2_NTNV

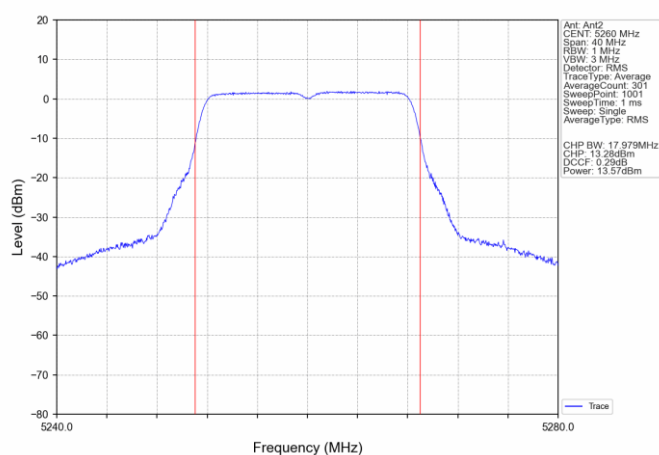




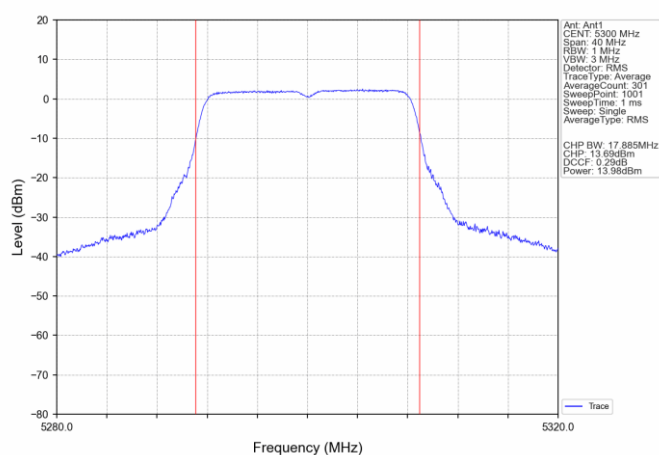
802.11a LCH_5260MHz_Ant1_NTNV



802.11a LCH_5260MHz_Ant2_NTNV

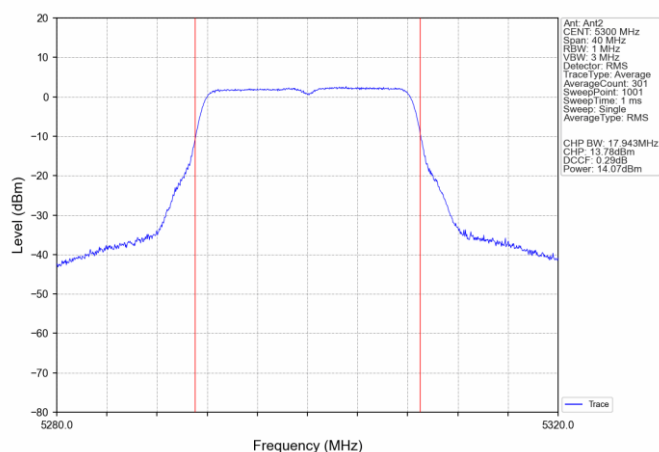


802.11a MCH_5300MHz_Ant1_NTNV

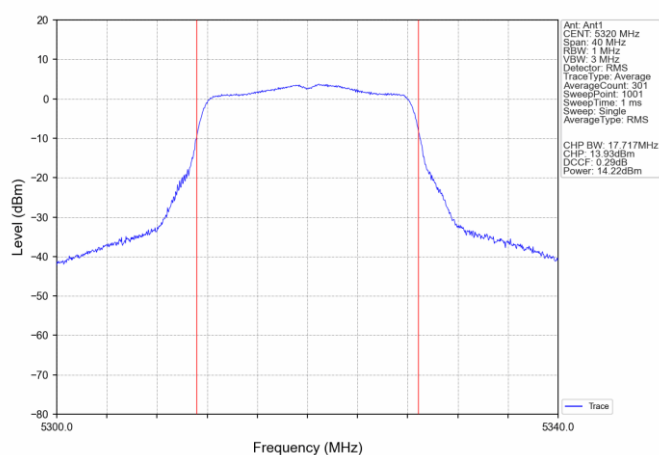




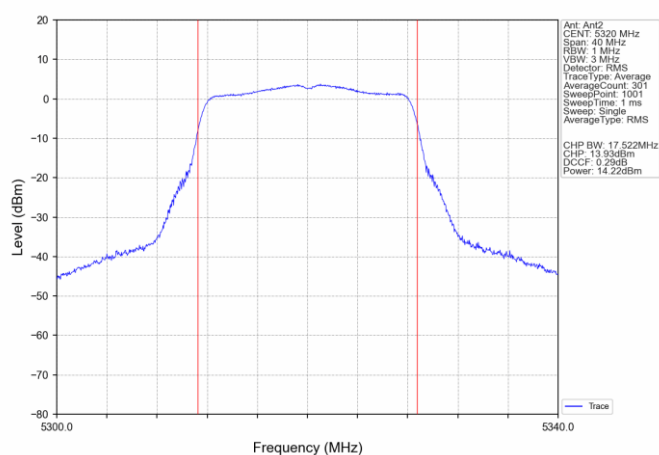
802.11a MCH 5300MHz Ant2_NTNV



802.11a HCH 5320MHz Ant1_NTNV

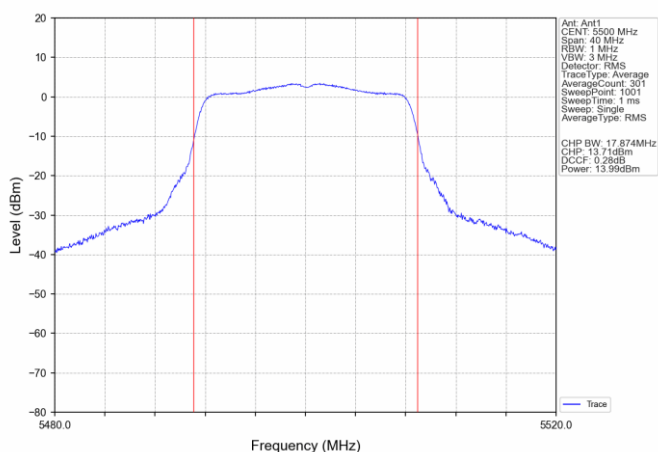


802.11a HCH 5320MHz Ant2_NTNV

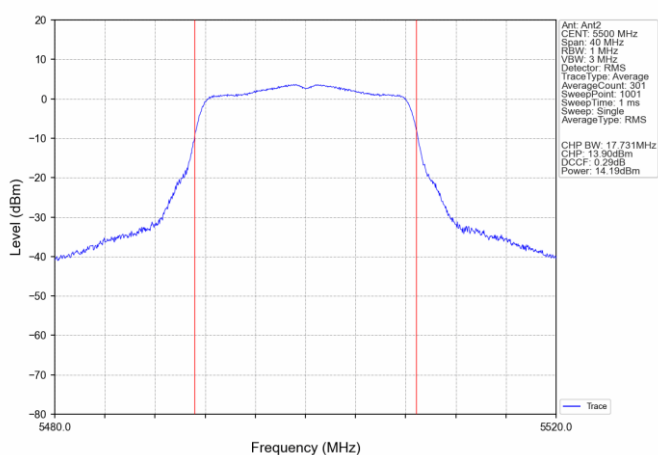




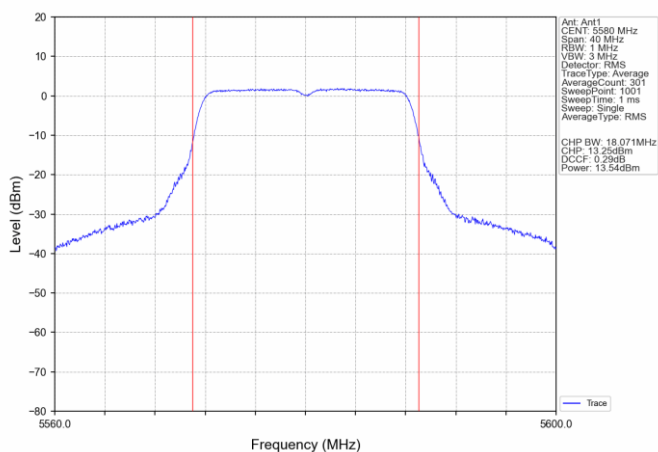
802.11a LCH_5500MHz_Ant1_NTNV



802.11a LCH_5500MHz_Ant2_NTNV

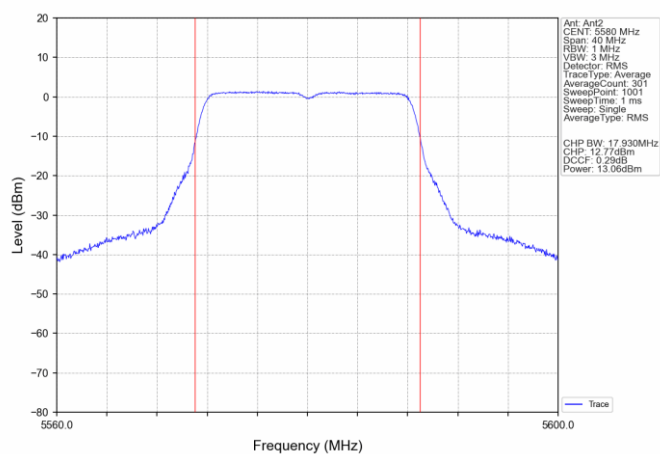


802.11a MCH_5580MHz_Ant1_NTNV

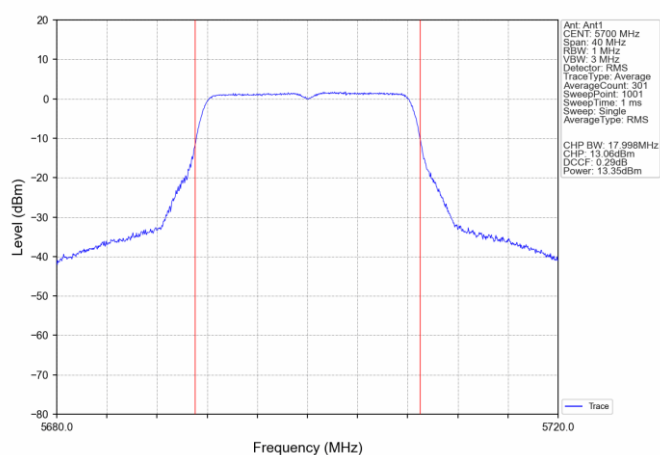




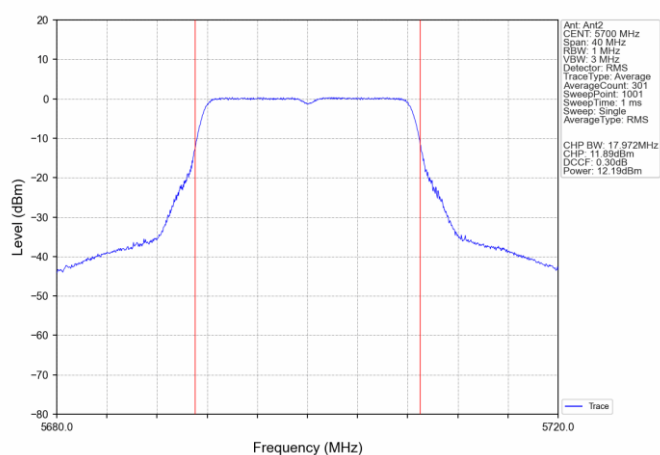
802.11a MCH 5580MHz Ant2_NTNV



802.11a HCH 5700MHz Ant1_NTNV

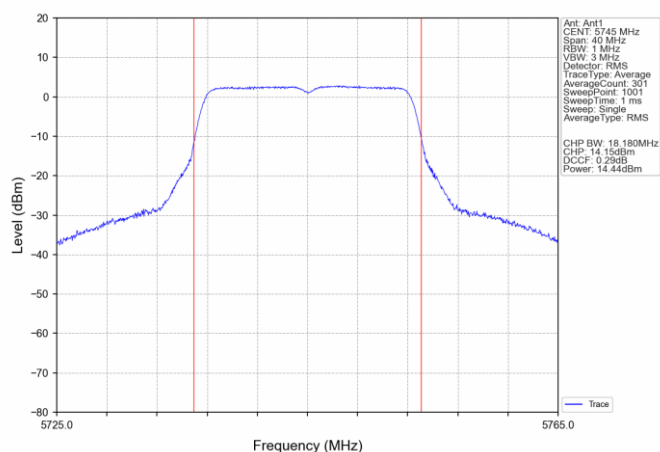


802.11a HCH 5700MHz Ant2_NTNV

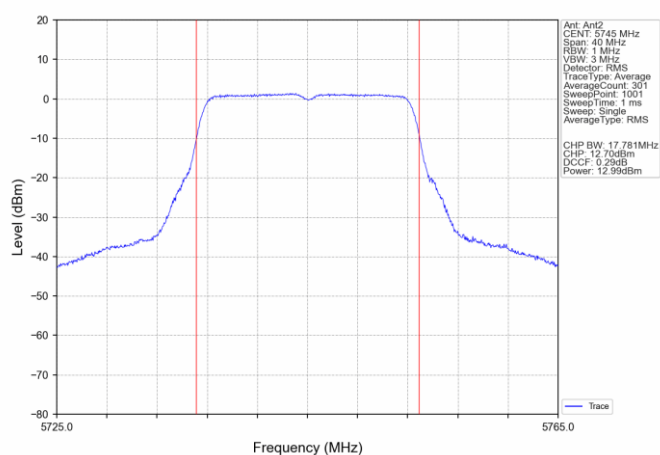




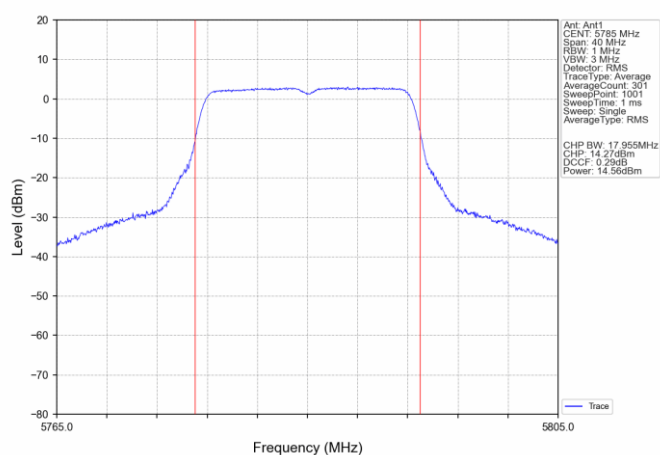
802.11a LCH_5745MHz_Ant1_NTNV



802.11a LCH_5745MHz_Ant2_NTNV

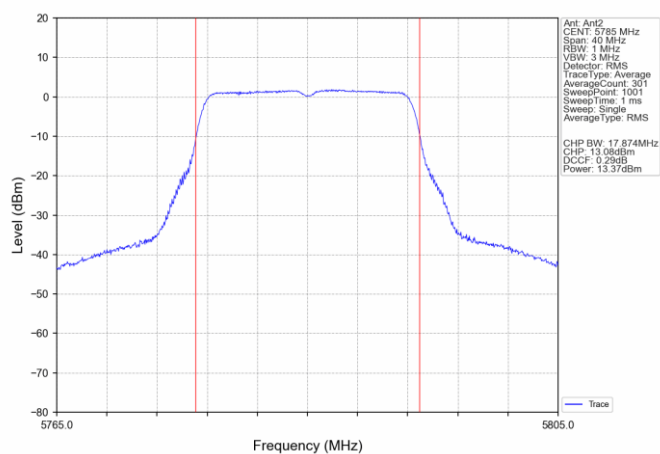


802.11a MCH_5785MHz_Ant1_NTNV

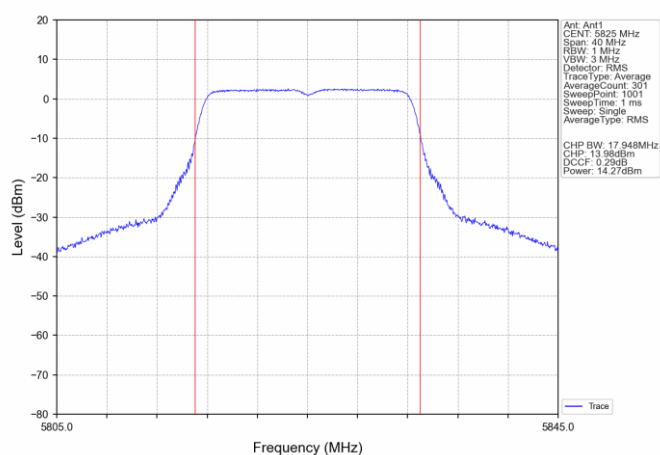




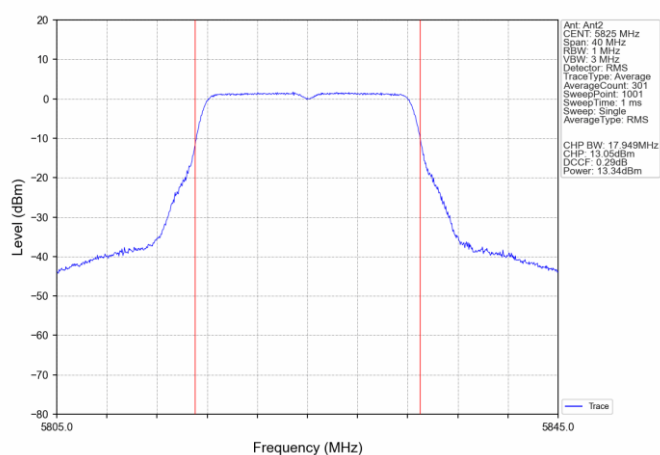
802.11a MCH 5785MHz Ant2_NTNV



802.11a HCH 5825MHz Ant1_NTNV

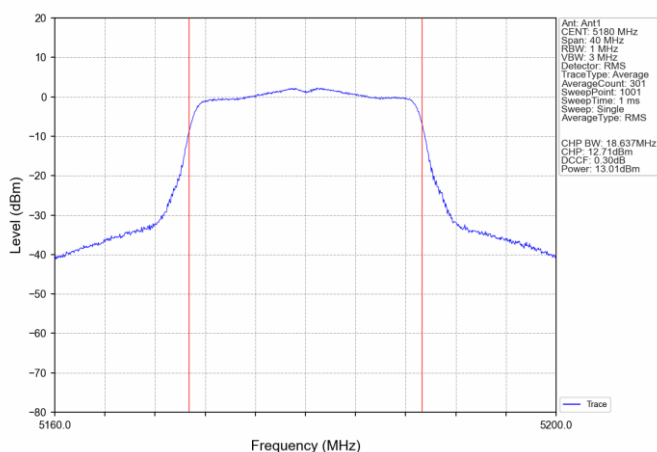


802.11a HCH 5825MHz Ant2_NTNV

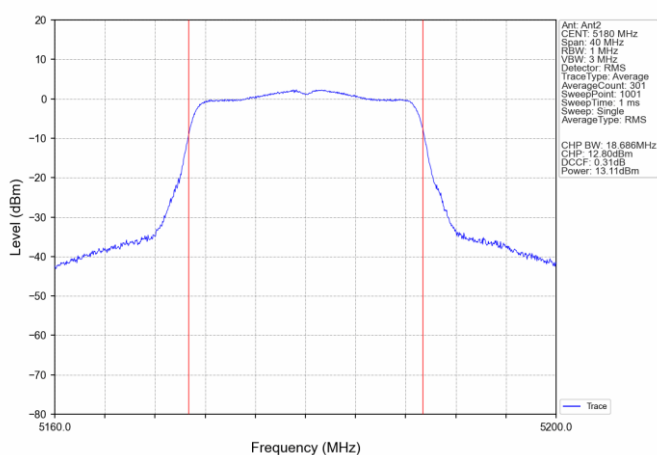




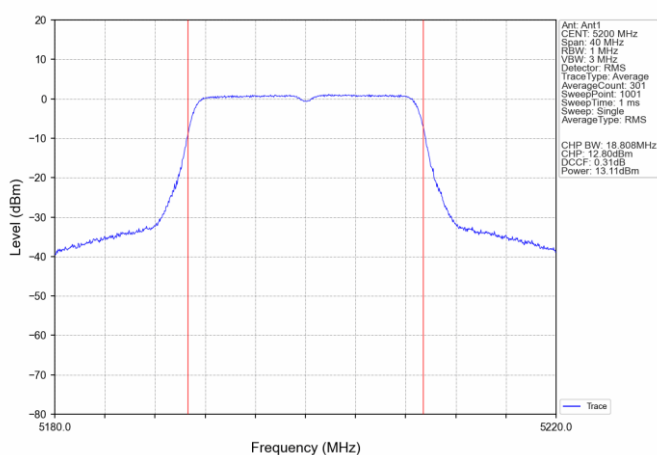
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

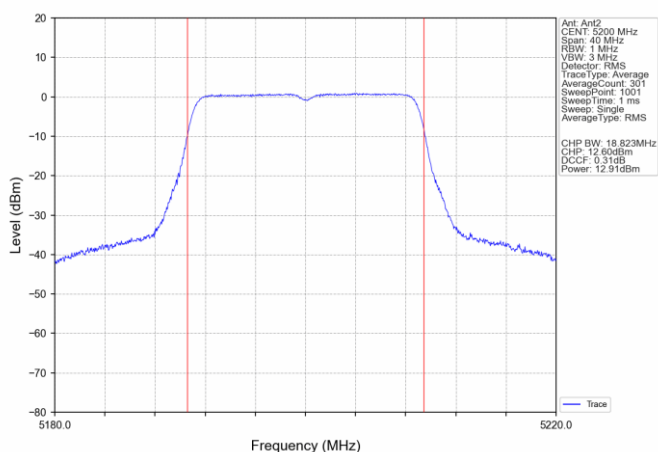


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

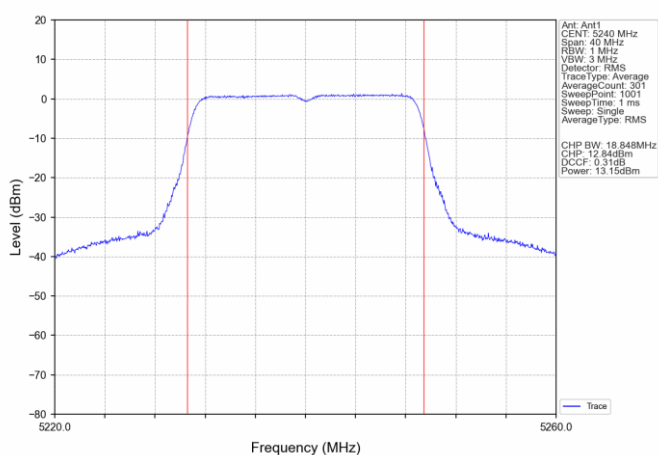




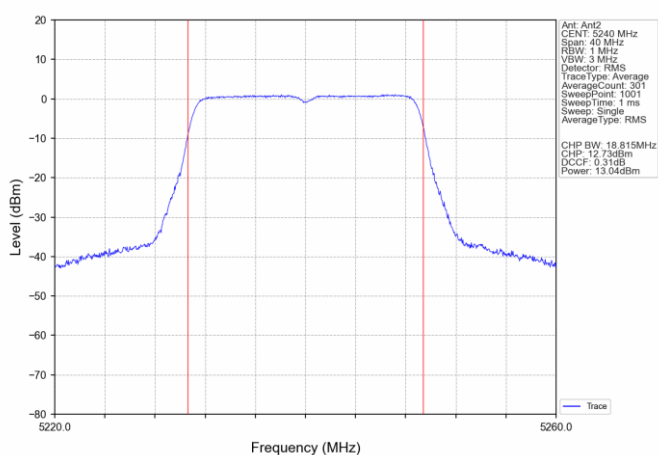
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

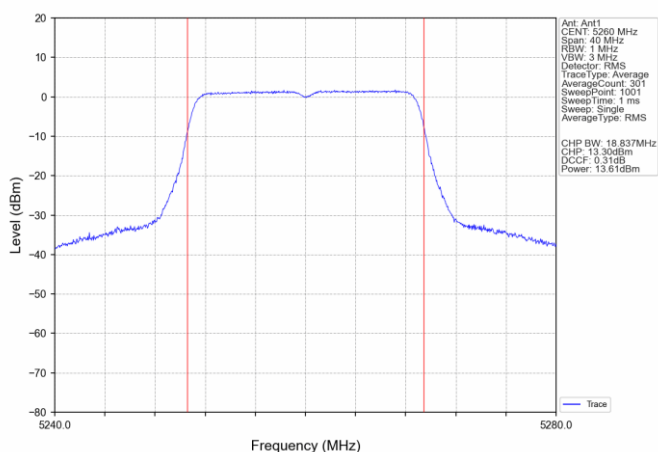


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

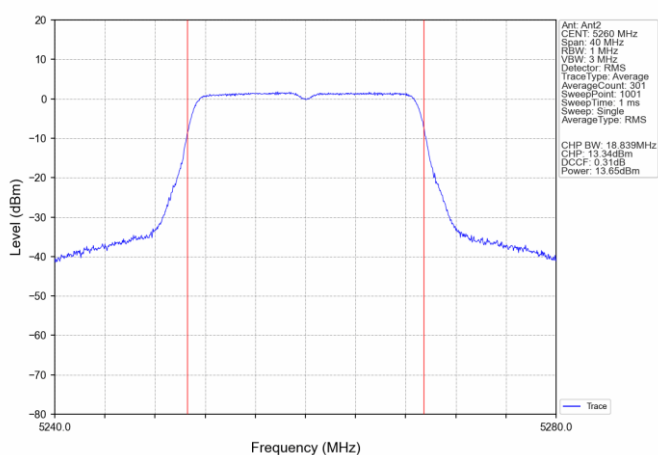




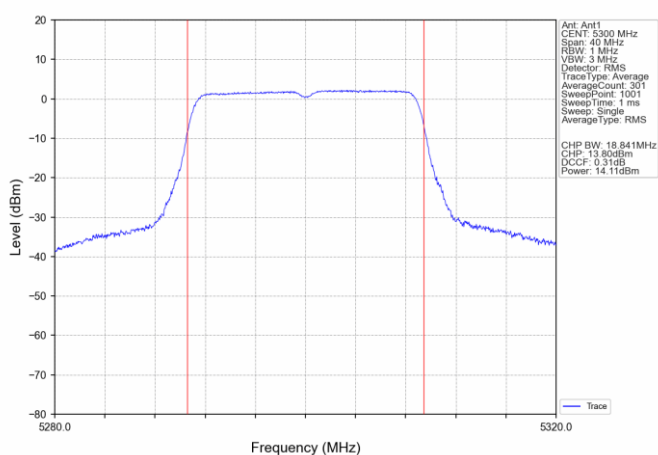
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant2_NTNV

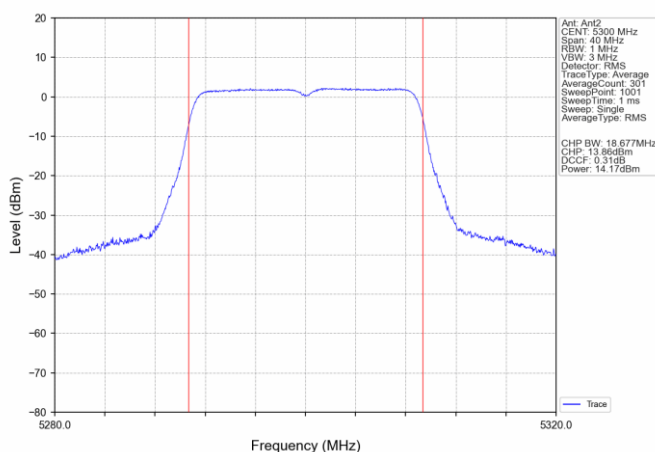


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

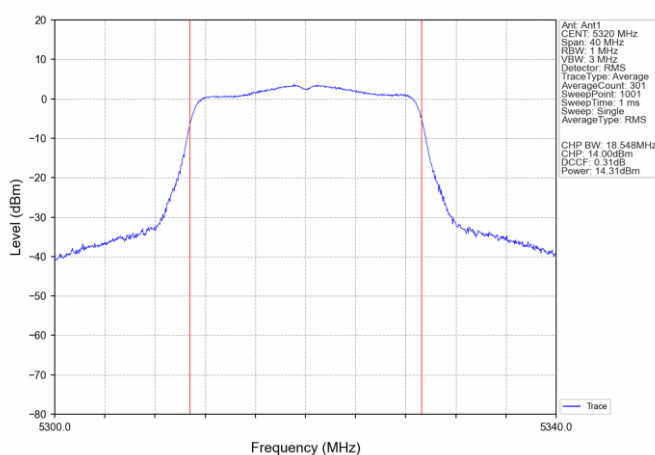




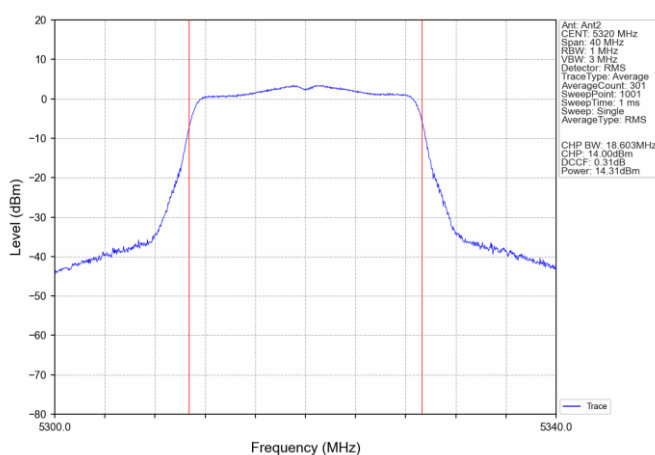
802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV

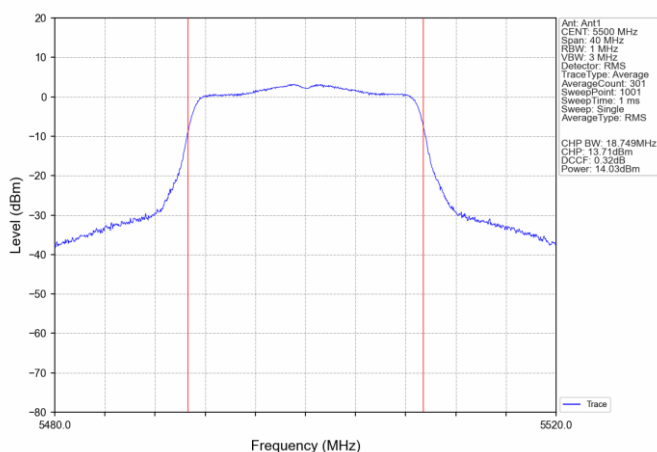


802.11n(HT20)_HCH_5320MHz_Ant2_NTNV

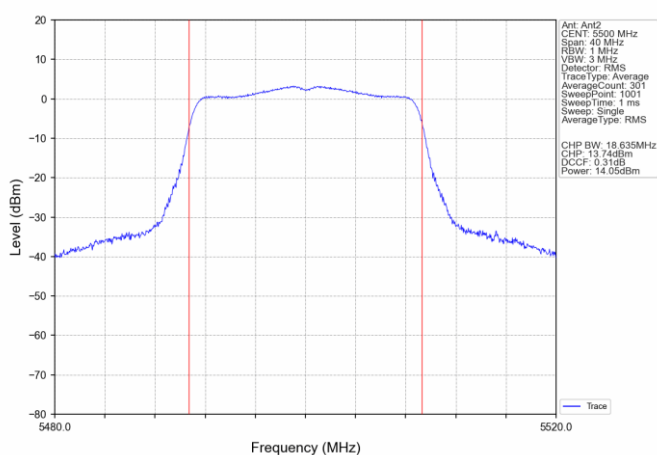




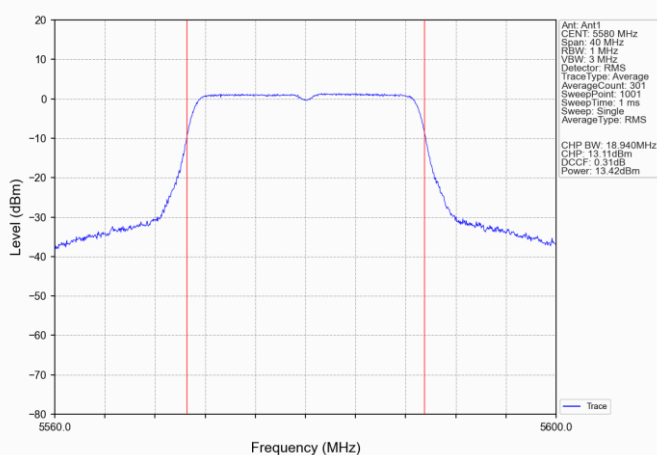
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant2_NTNV

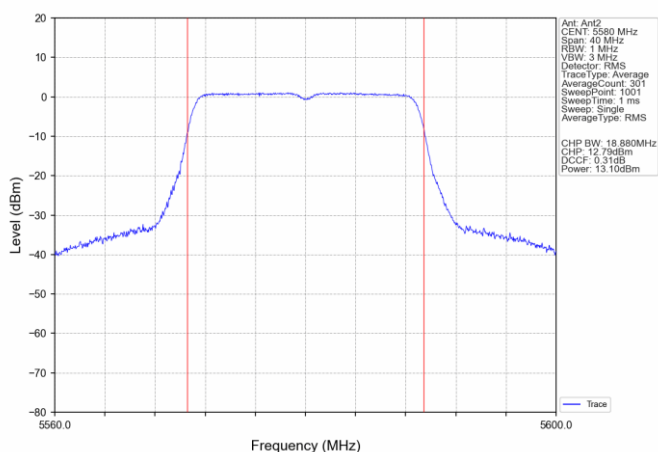


802.11n(HT20)_MCH_5580MHz_Ant1_NTNV

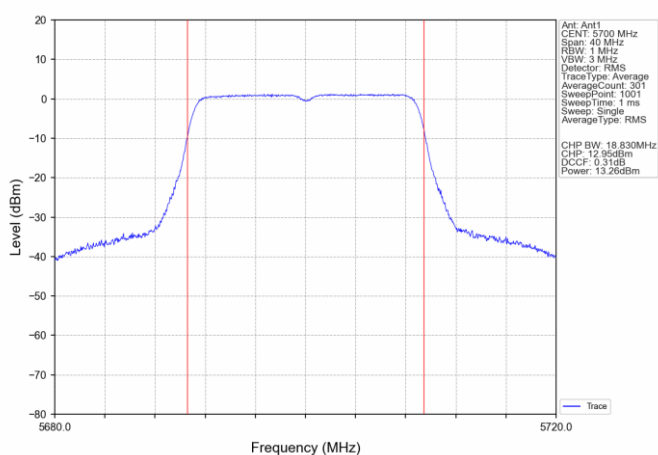




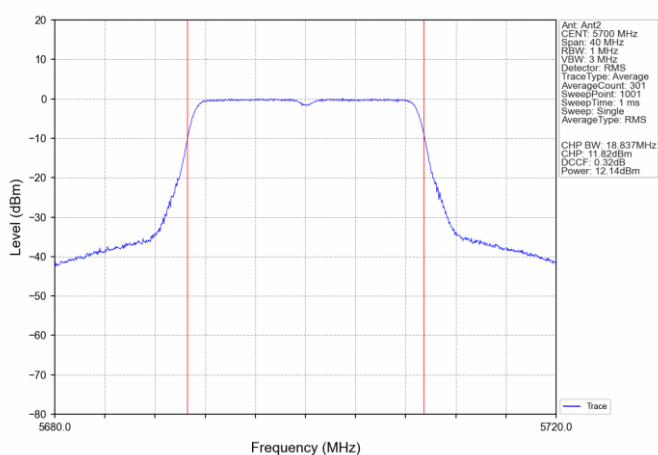
802.11n(HT20)_MCH_5580MHz_Ant2_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV

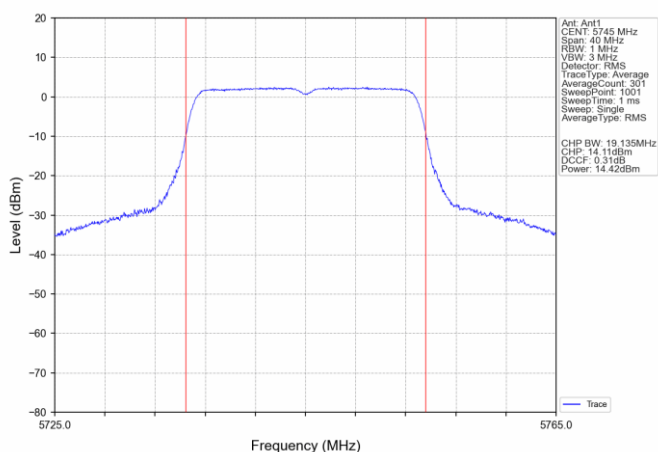


802.11n(HT20)_HCH_5700MHz_Ant2_NTNV

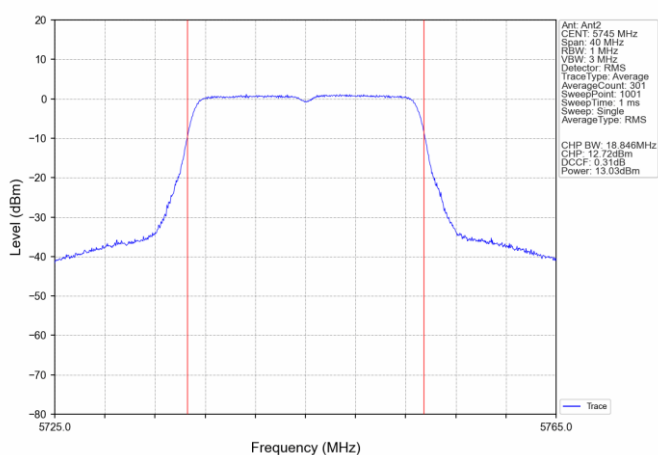




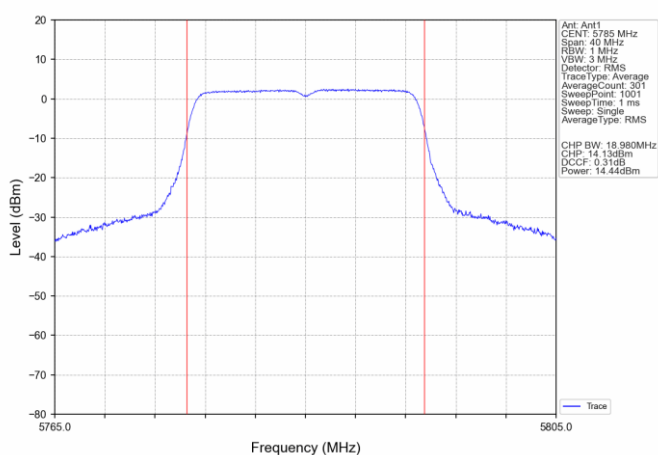
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant2_NTNV

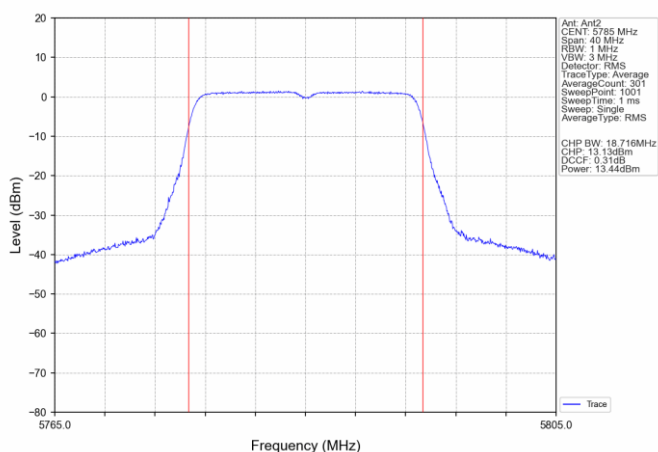


802.11n(HT20)_MCH_5785MHz_Ant1_NTNV

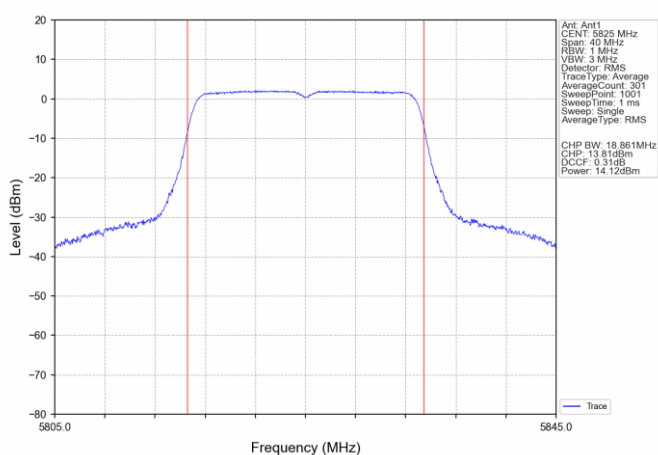




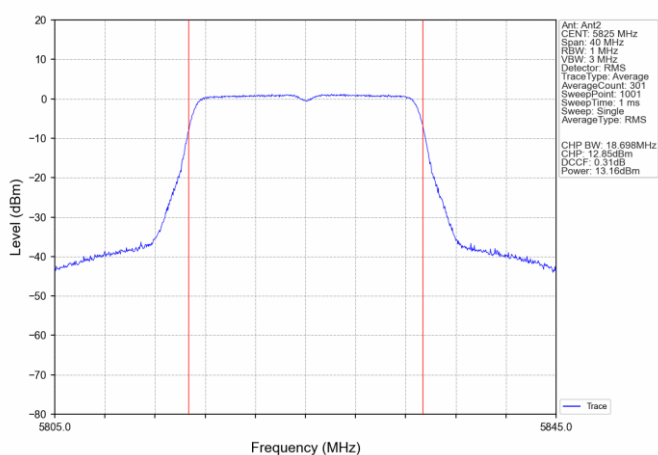
802.11n(HT20)_MCH_5785MHz_Ant2_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

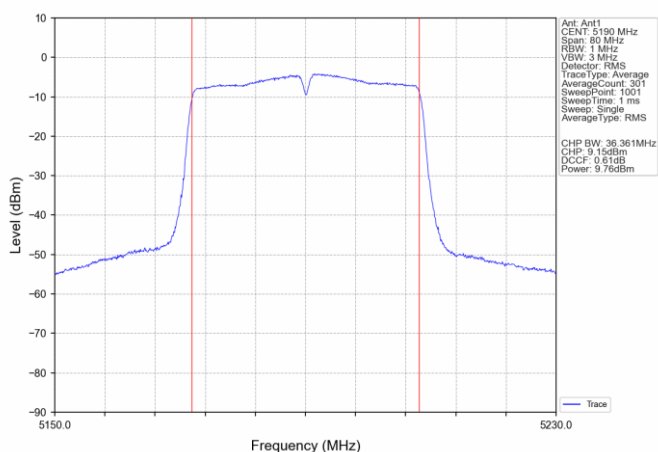


802.11n(HT20)_HCH_5825MHz_Ant2_NTNV

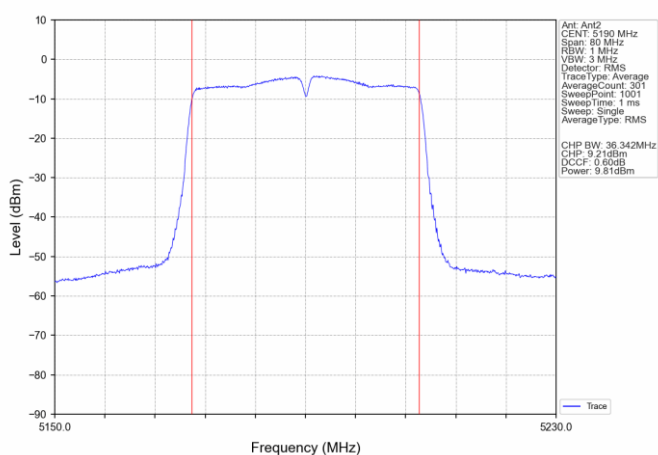




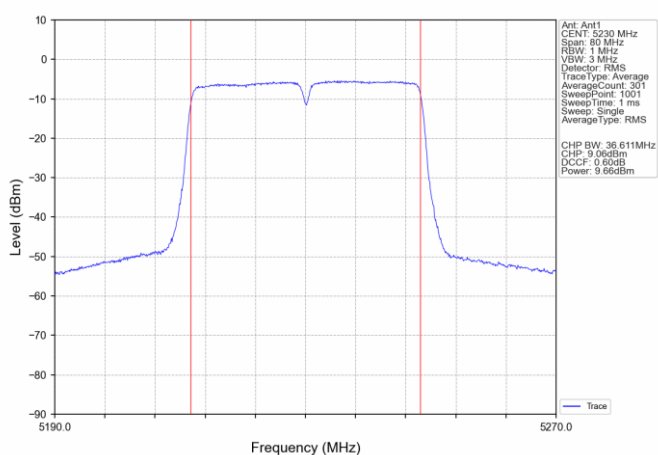
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_LCH_5190MHz_Ant2_NTNV

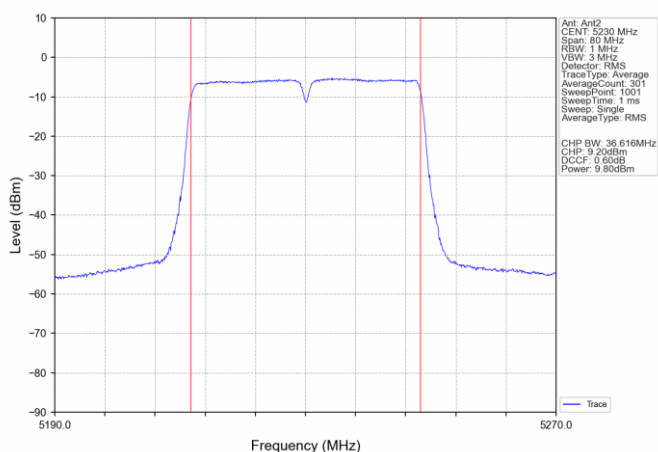


802.11n(HT40)_HCH_5230MHz_Ant1_NTNV

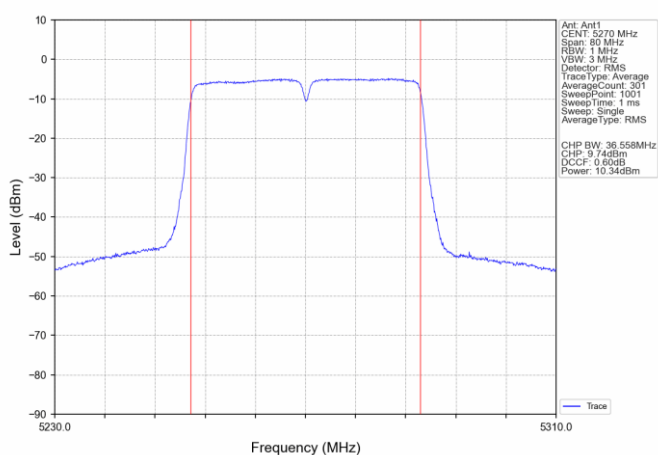




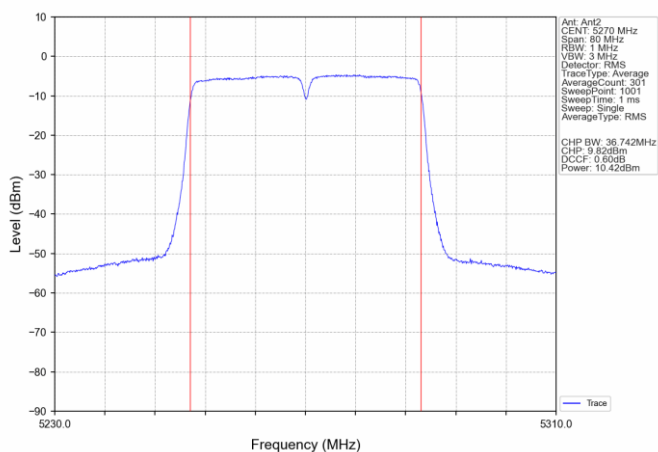
802.11n(HT40)_HCH_5230MHz_Ant2_NTNV



802.11n(HT40)_LCH_5270MHz_Ant1_NTNV

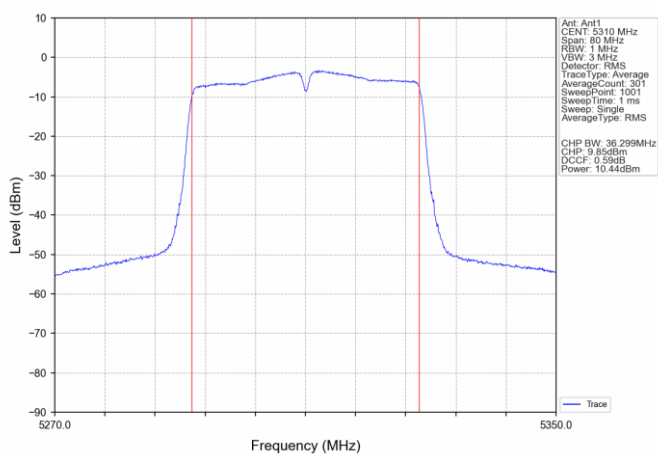


802.11n(HT40)_LCH_5270MHz_Ant2_NTNV

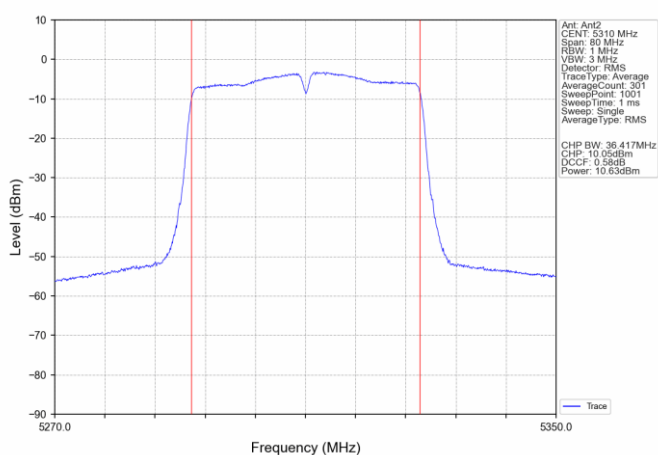




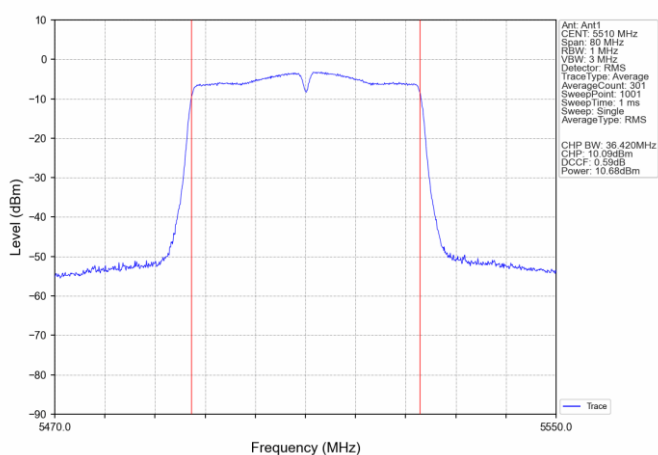
802.11n(HT40)_HCH_5310MHz_Ant1_NTNV



802.11n(HT40)_HCH_5310MHz_Ant2_NTNV

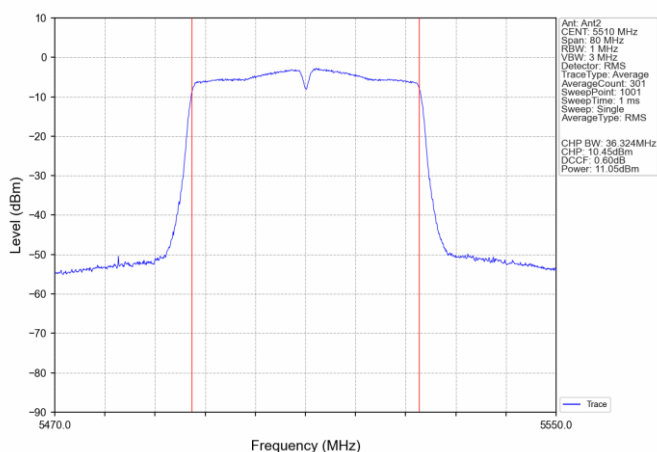


802.11n(HT40)_LCH_5510MHz_Ant1_NTNV

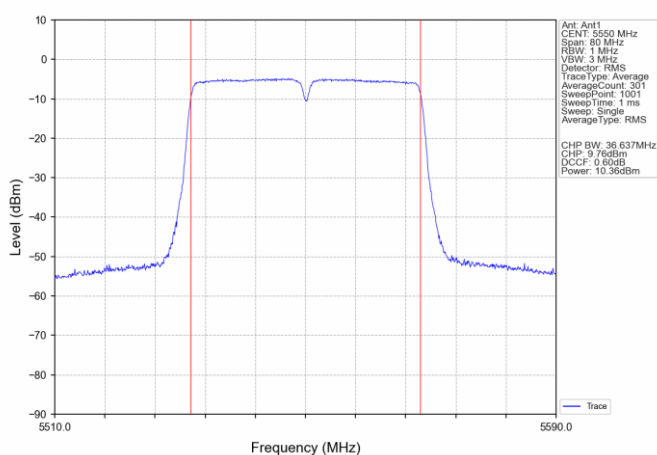




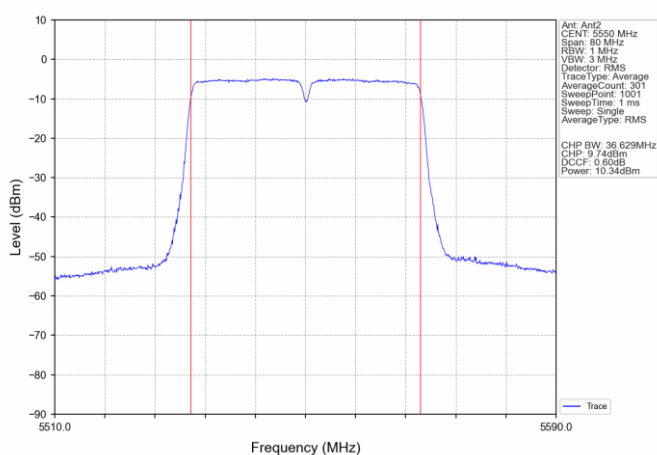
802.11n(HT40)_LCH_5510MHz_Ant2_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV

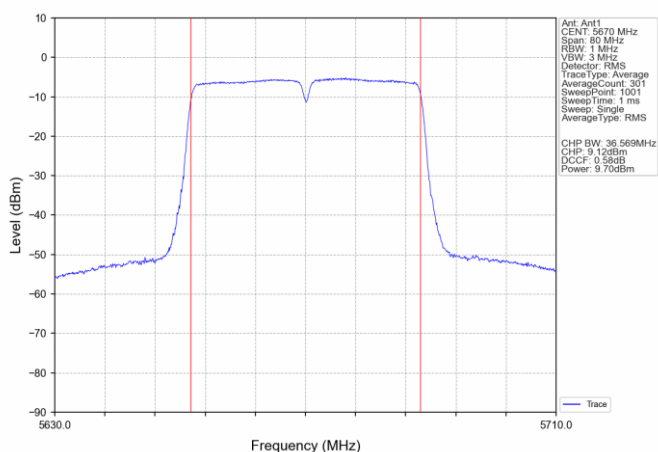


802.11n(HT40)_MCH_5550MHz_Ant2_NTNV

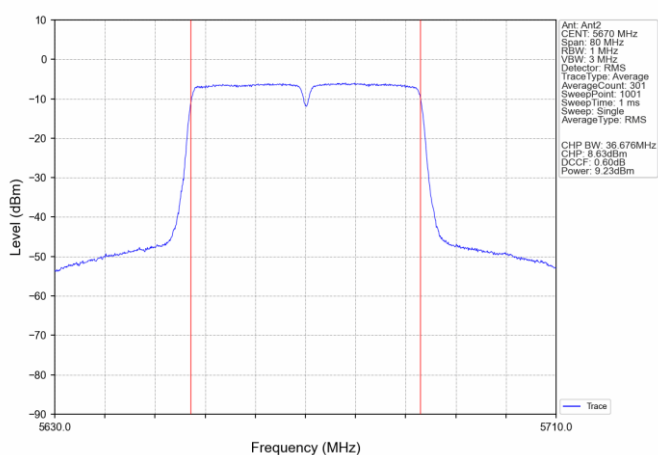




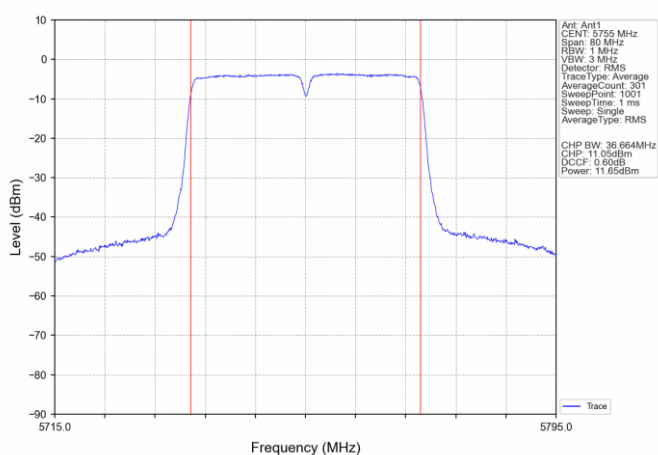
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_Ant2_NTNV

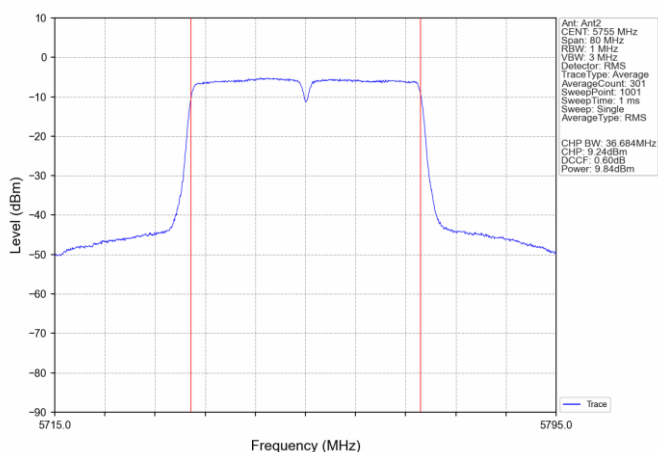


802.11n(HT40)_LCH_5755MHz_Ant1_NTNV

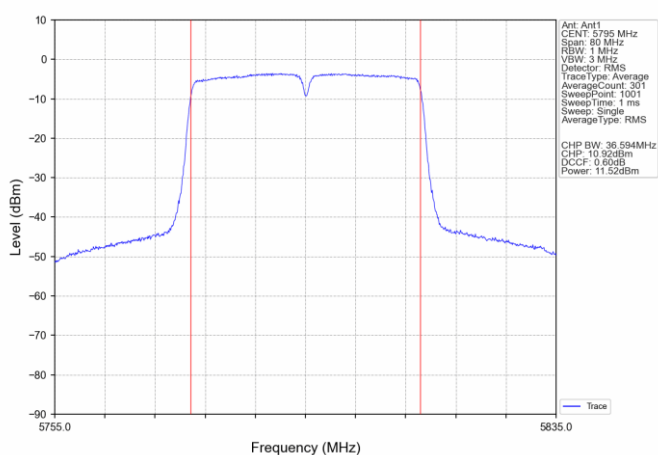




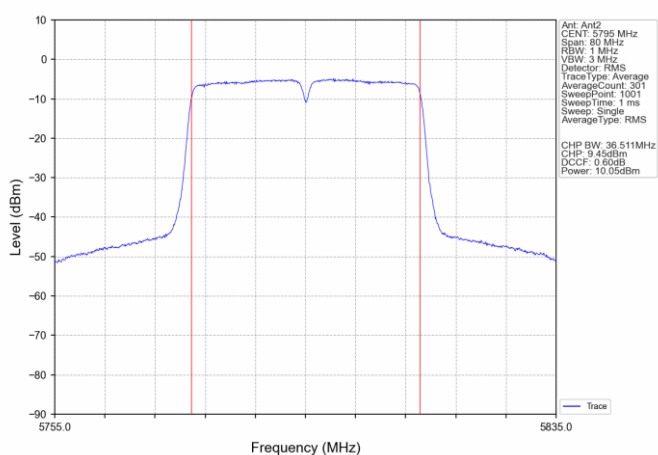
802.11n(HT40)_LCH_5755MHz_Ant2_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV

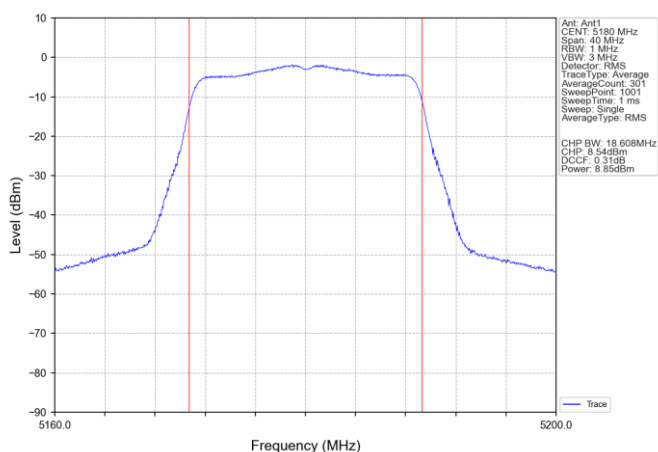


802.11n(HT40)_HCH_5795MHz_Ant2_NTNV

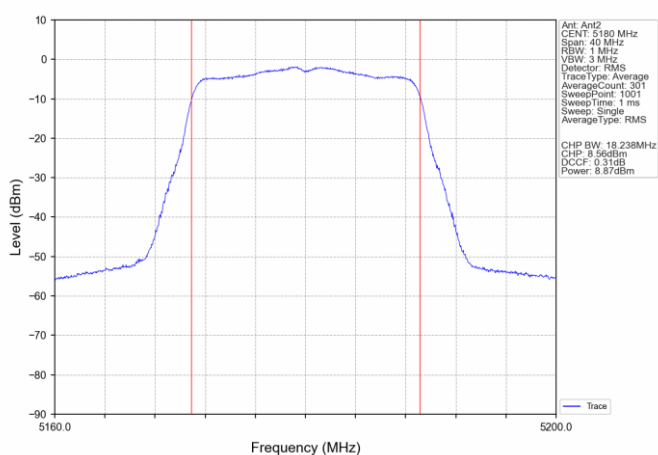




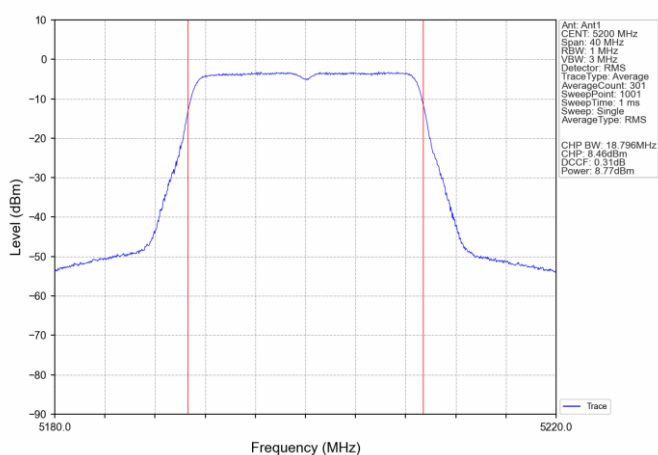
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



802.11n(HT20)_LCH_5180MHz_Ant2_NTNV

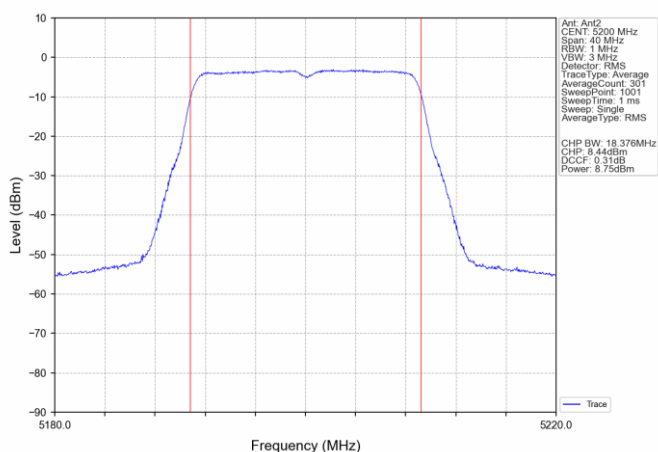


802.11n(HT20)_MCH_5200MHz_Ant1_NTNV

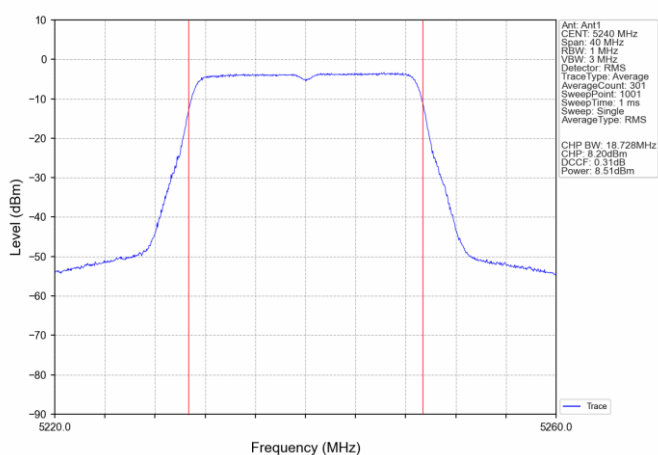




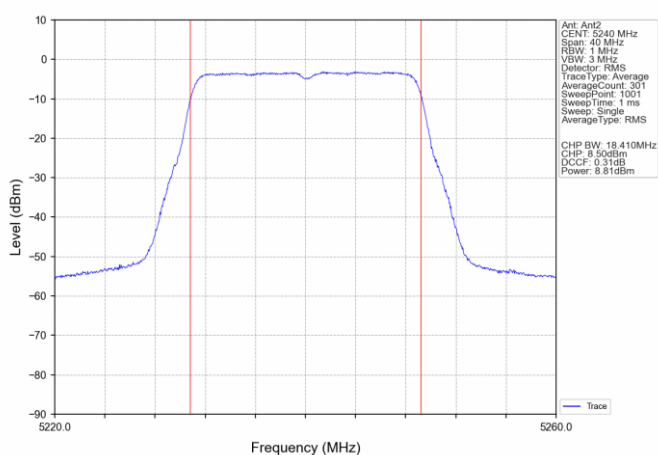
802.11n(HT20)_MCH_5200MHz_Ant2_NTNV



802.11n(HT20)_HCH_5240MHz_Ant1_NTNV

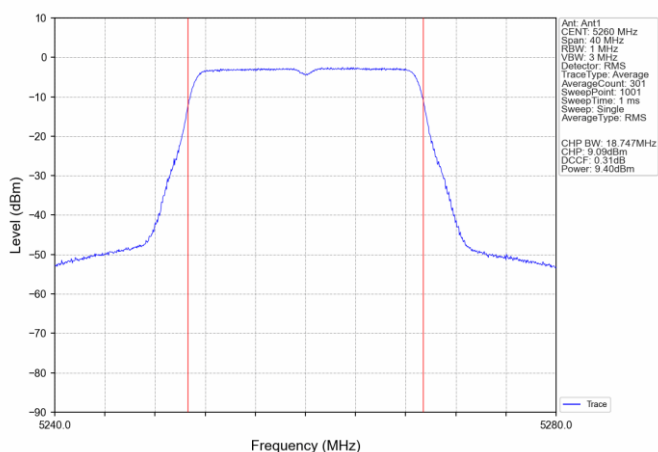


802.11n(HT20)_HCH_5240MHz_Ant2_NTNV

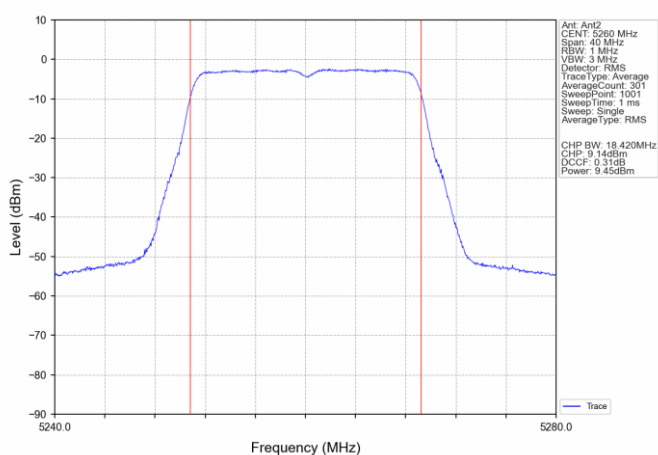




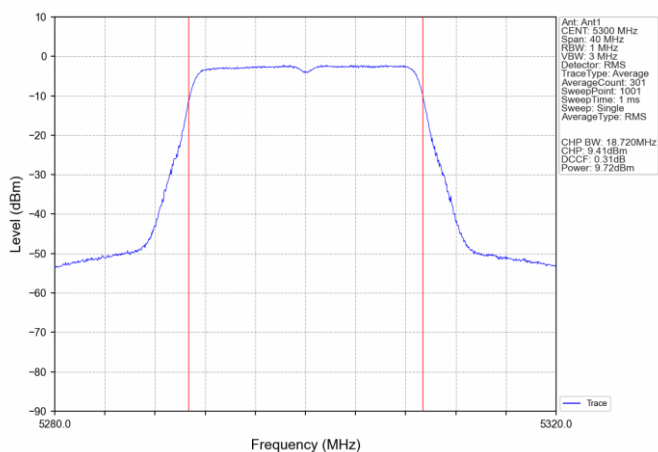
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant2_NTNV

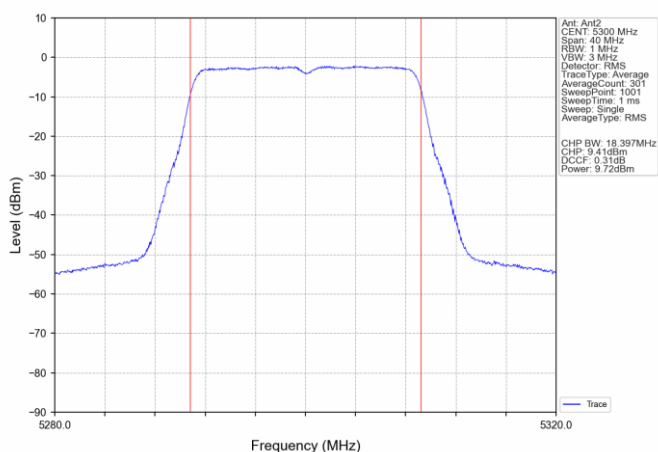


802.11n(HT20)_MCH_5300MHz_Ant1_NTNV

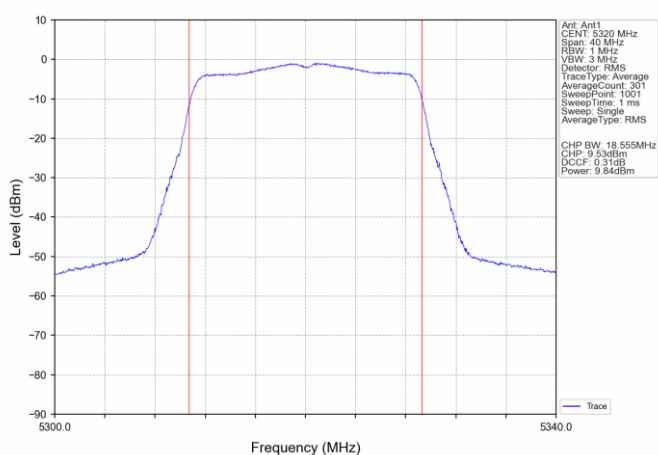




802.11n(HT20)_MCH_5300MHz_Ant2_NTNV



802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



802.11n(HT20)_HCH_5320MHz_Ant2_NTNV

