

Appendix D

Product Name:	Auto Diagnostic System
Test Model No.:	E81

1. DUTY CYCLE 2

2. BANDWIDTH 17

3. MAXIMUM CONDUCTED OUTPUT POWER 48

4. MAXIMUM POWER SPECTRAL DENSITY 63

5. FREQUENCY STABILITY 79

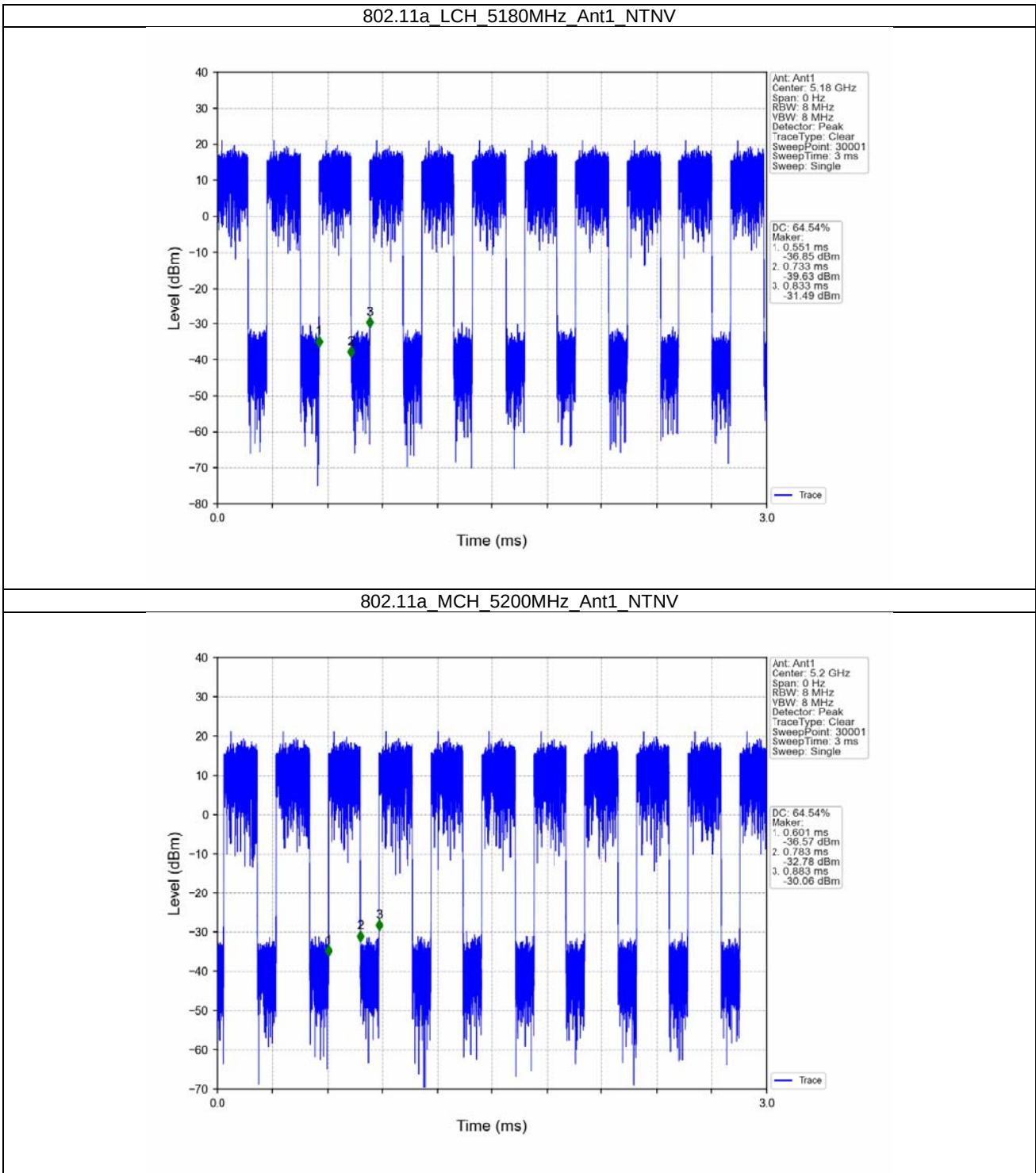
1. Duty Cycle

1.1 Ant1

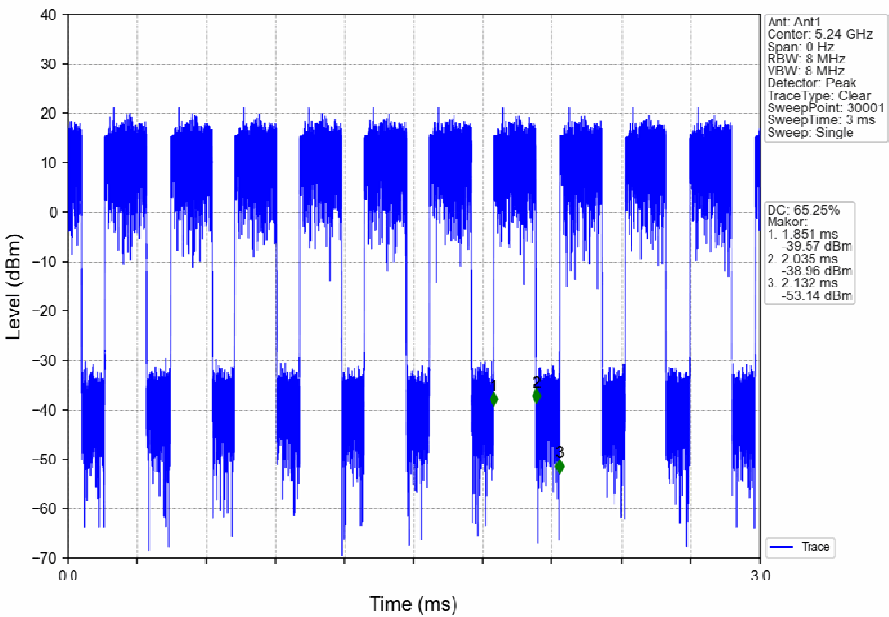
1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	0.182	0.282	64.54	1.90	0.04
		5200	0.182	0.282	64.54	1.90	0.06
		5240	0.184	0.282	65.25	1.85	0.13
		5745	0.182	0.282	64.54	1.90	0.05
		5785	0.181	0.281	64.41	1.91	0.09
		5825	0.182	0.282	64.54	1.90	0.11
802.11n (HT20)	SISO	5180	0.183	0.282	64.89	1.88	0.07
		5200	0.183	0.282	64.89	1.88	0.04
		5240	0.184	0.282	65.25	1.85	0.12
		5745	0.182	0.282	64.54	1.90	0.11
		5785	0.182	0.282	64.54	1.90	0.06
		5825	0.181	0.282	64.18	1.93	0.07
802.11n (HT40)	SISO	5190	0.100	0.202	49.50	3.05	0.07
		5230	0.105	0.202	51.98	2.84	0.23
		5755	0.103	0.201	51.24	2.90	0.07
		5795	0.104	0.202	51.49	2.88	0.02
802.11ac (VHT20)	SISO	5180	0.156	0.253	61.66	2.10	0.14
		5200	0.157	0.254	61.81	2.09	0.13
		5240	0.153	0.254	60.24	2.20	0.09
		5745	0.154	0.254	60.63	2.17	0.12
		5785	0.157	0.254	61.81	2.09	0.09
		5825	0.152	0.253	60.08	2.21	0.10
802.11ac (VHT40)	SISO	5190	0.090	0.190	47.37	3.25	0.11
		5230	0.088	0.189	46.56	3.32	0.05
		5755	0.093	0.190	48.95	3.10	0.34
		5795	0.089	0.190	46.84	3.29	0.09
802.11ac (VHT80)	SISO	5210	0.064	0.165	38.79	4.11	0.06
		5775	0.065	0.165	39.39	4.05	0.08

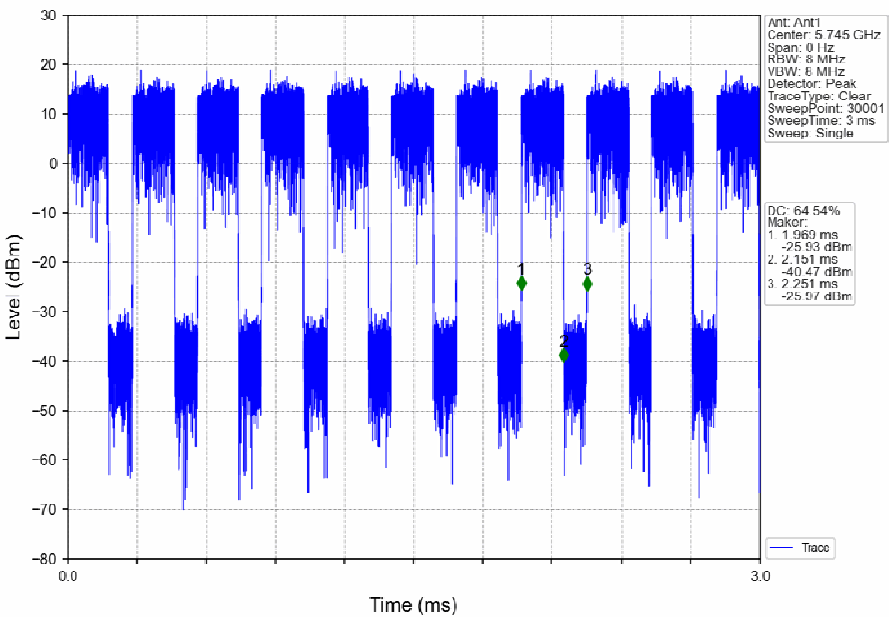
1.1.2 Test Graph



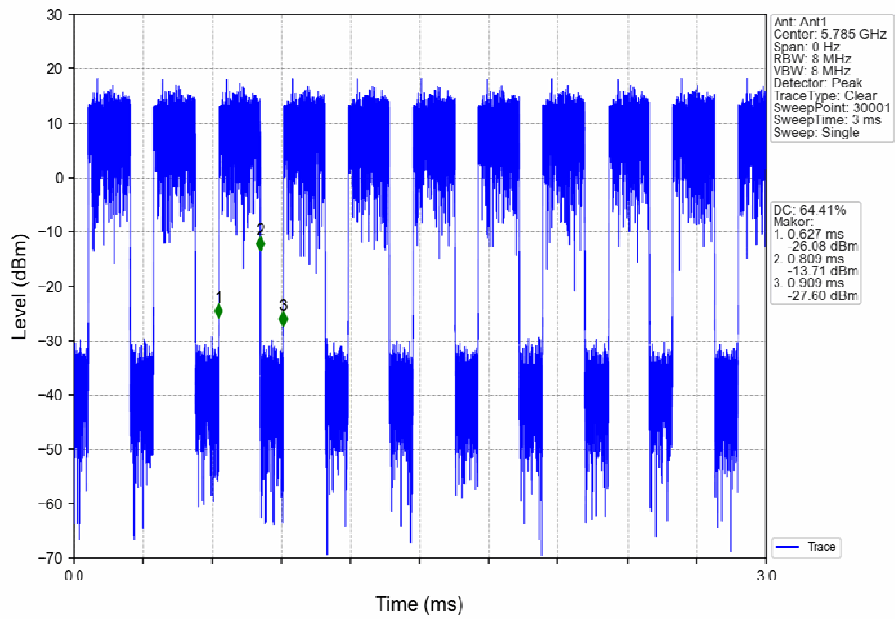
802.11a_HCH_5240MHz_Ant1_NTNV



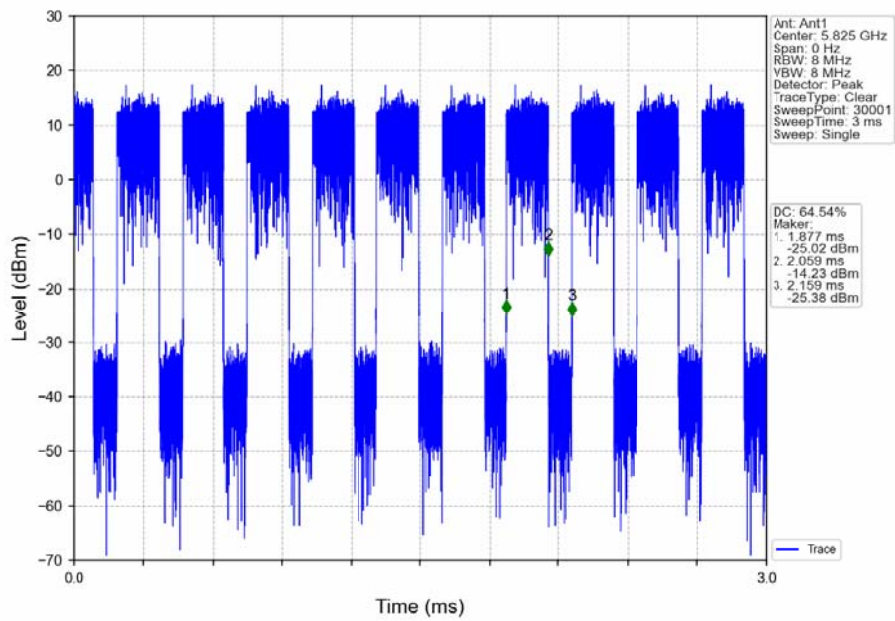
802.11a_LCH_5745MHz_Ant1_NTNV



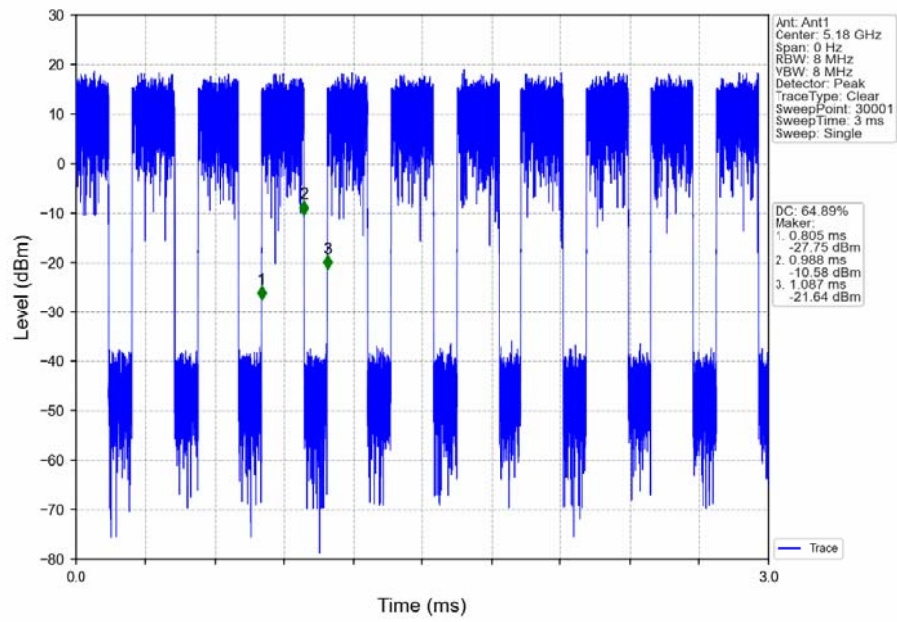
802.11a_MCH_5785MHz_Ant1_NTNV



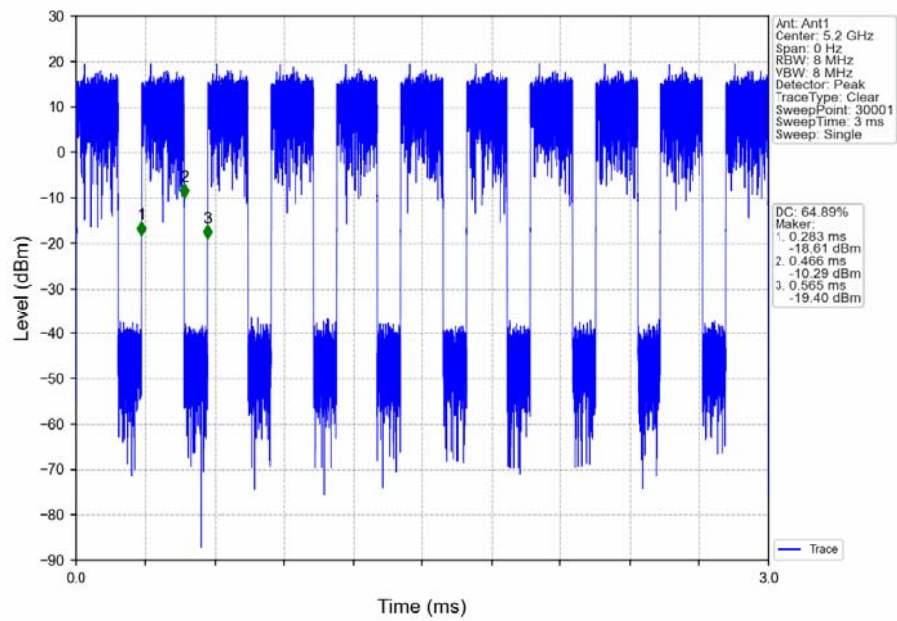
802.11a_HCH_5825MHz_Ant1_NTNV



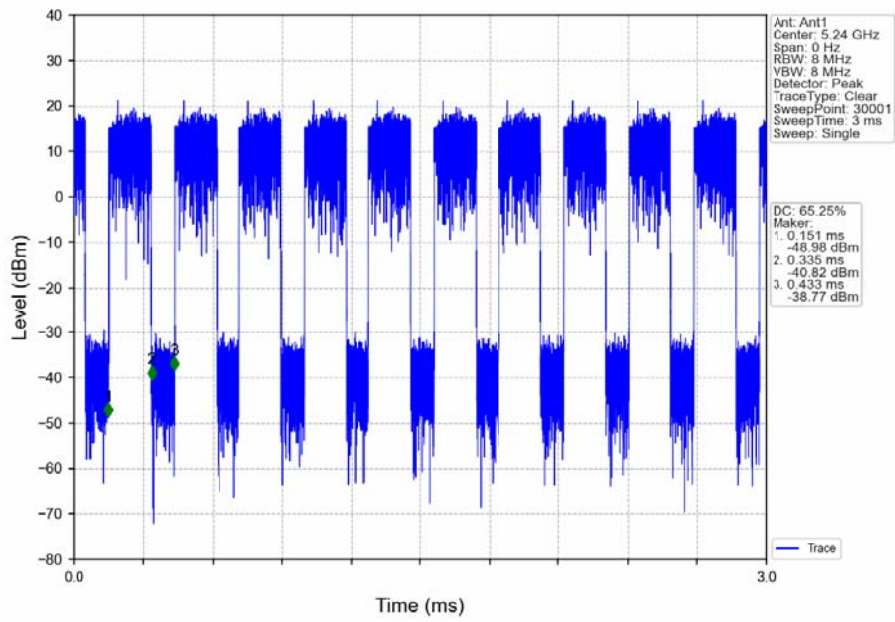
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



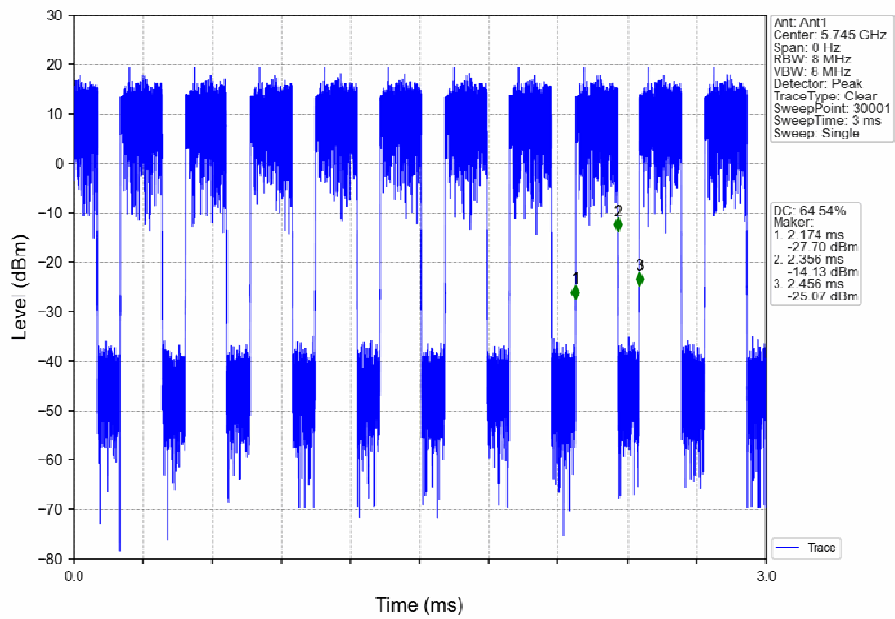
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



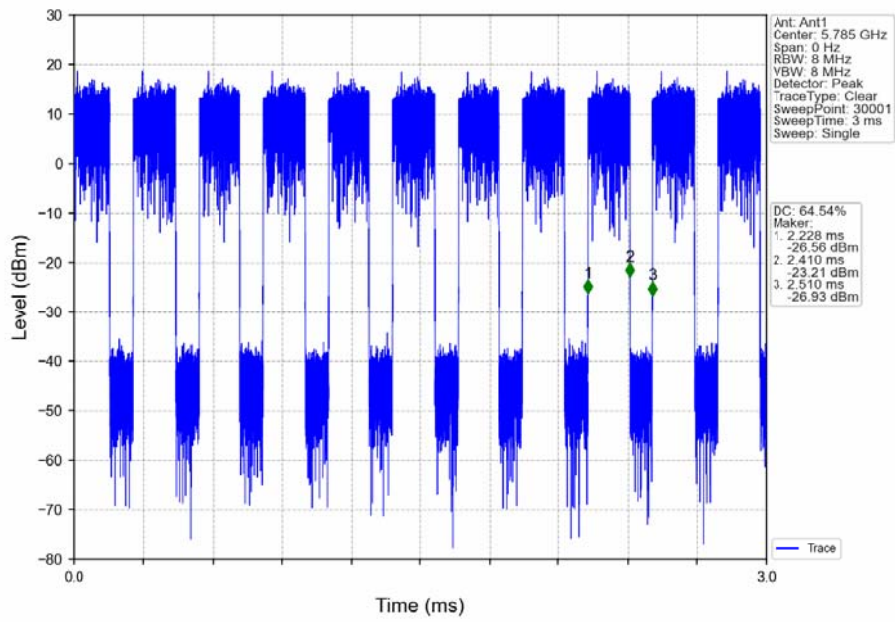
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



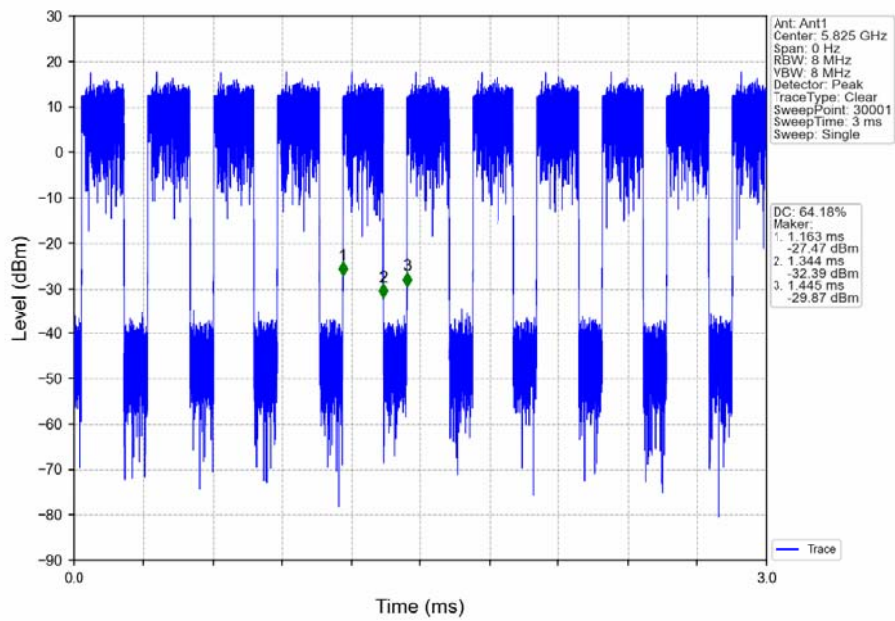
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



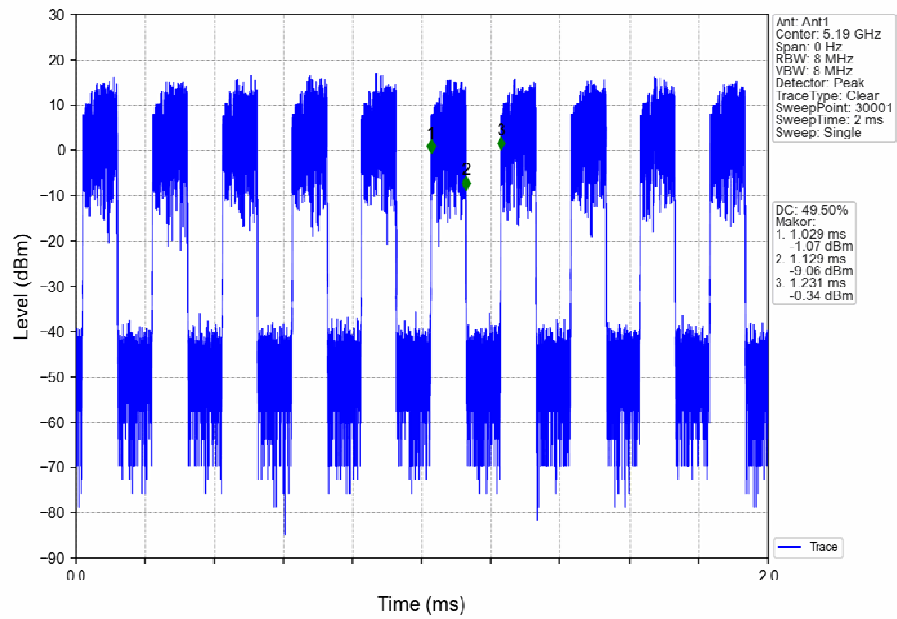
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



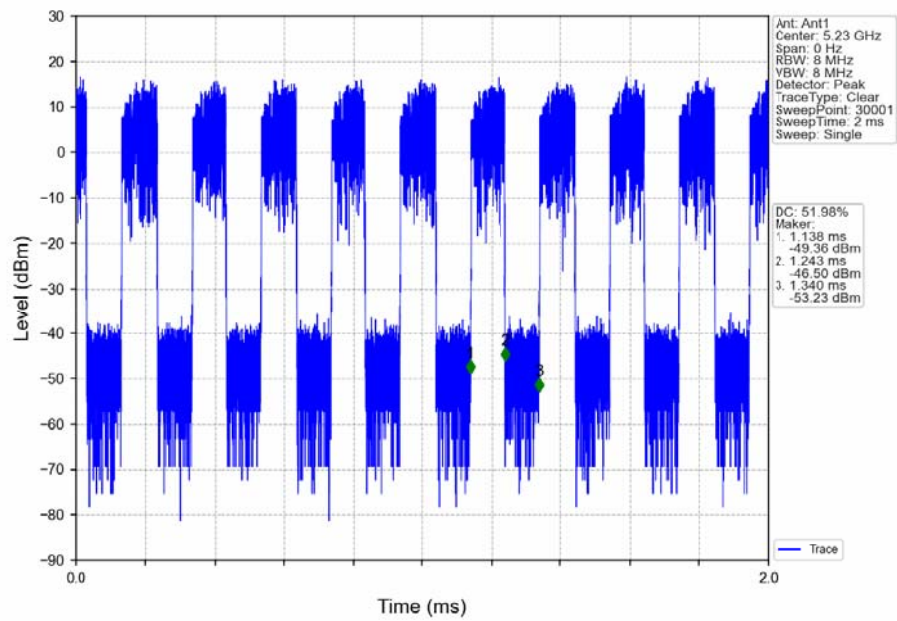
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



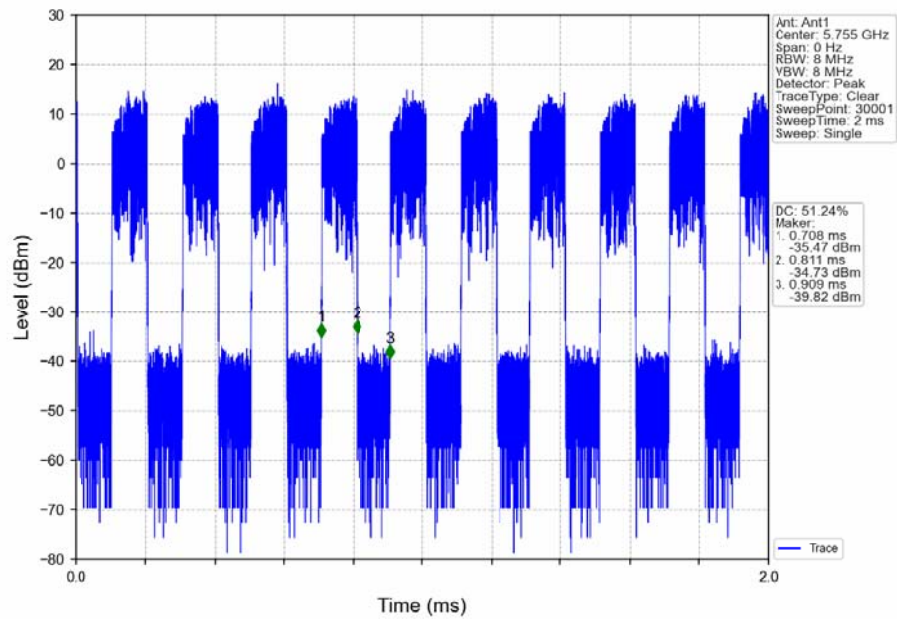
802.11n(HT40) LCH 5190MHz_Ant1_NTNV



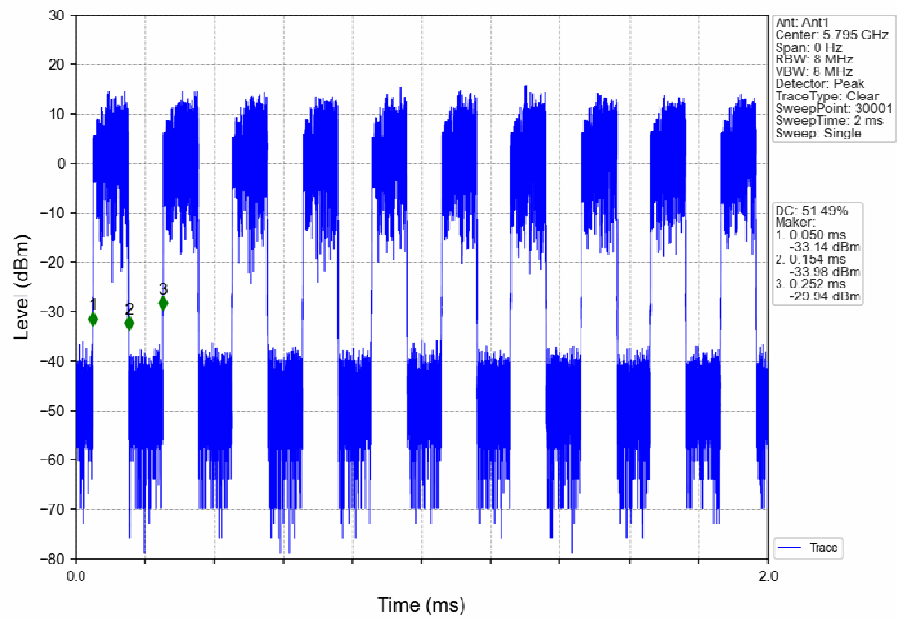
802.11n(HT40) HCH 5230MHz_Ant1_NTNV



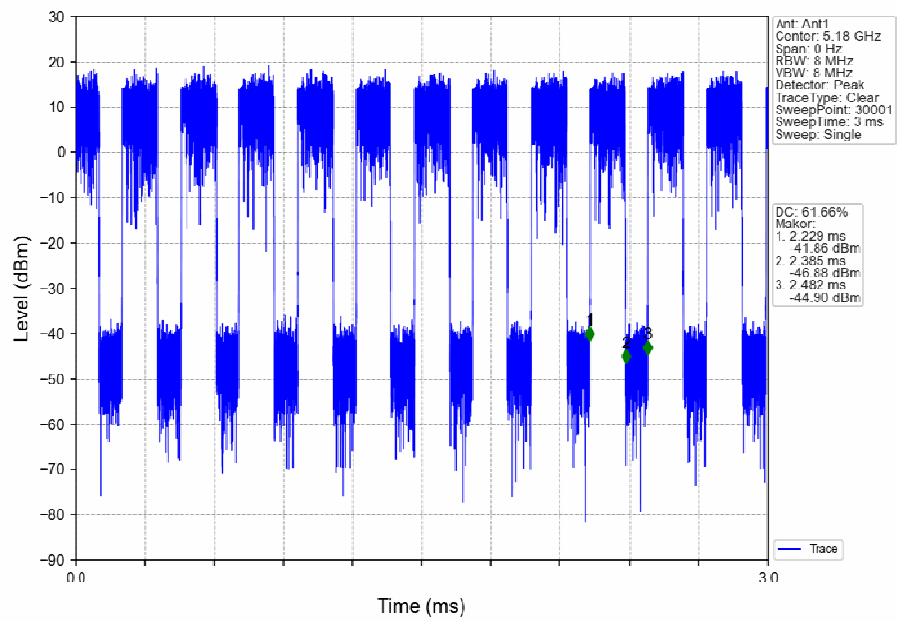
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

