

Appendix RF test data for WIFI5G

1. Duty Cycle

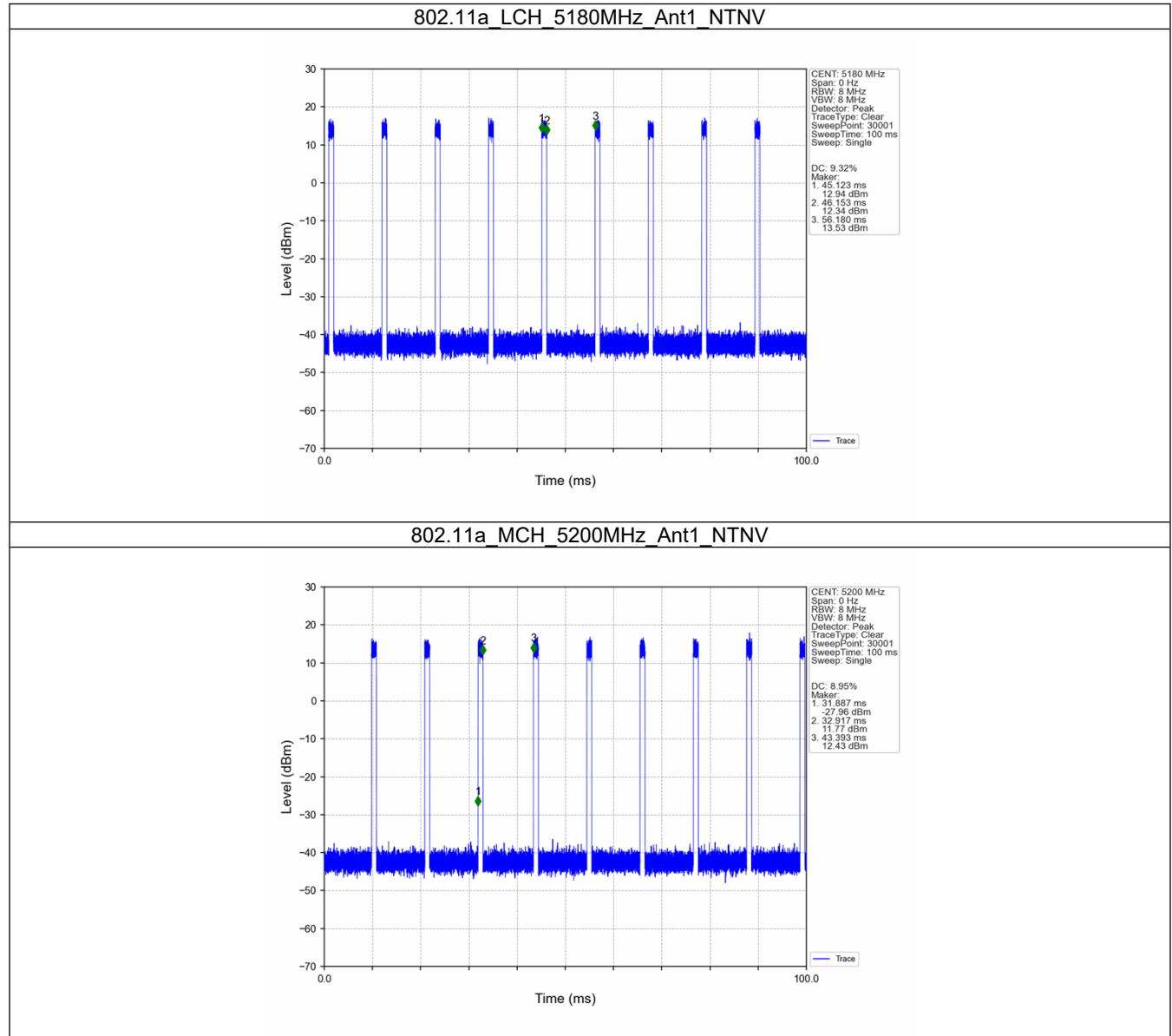
1.1 Test Result

1.1.1 Ant1

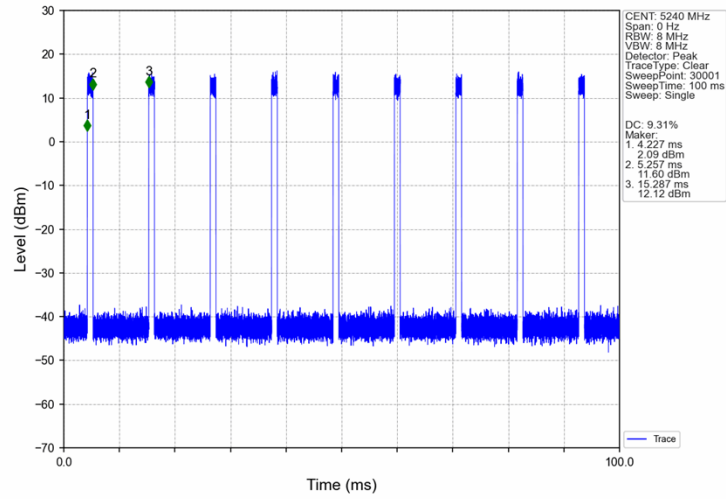
Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.030	11.057	9.32	10.31	0.01
		5200	/	/	1.030	11.506	8.95	10.48	0.37
		5240	/	/	1.030	11.060	9.31	10.31	0.01
		5745	/	/	1.030	11.057	9.32	10.31	0.01
		5785	/	/	1.030	11.056	9.32	10.31	0.01
		5825	/	/	1.030	11.057	9.32	10.31	0.03
802.11n (HT20)	SISO	5180	/	/	1.306	11.453	11.40	9.43	0.13
		5200	/	/	1.303	11.330	11.50	9.39	0.03
		5240	/	/	1.307	11.754	11.12	9.54	0.42
		5745	/	/	1.307	11.397	11.47	9.41	0.07
		5785	/	/	1.306	11.333	11.52	9.38	0.01
		5825	/	/	1.307	11.333	11.53	9.38	0.00
802.11n (HT40)	SISO	5190	/	/	0.647	10.673	6.06	12.17	0.03
		5230	/	/	0.650	14.107	4.61	13.37	1.49
		5755	/	/	0.647	10.673	6.06	12.17	0.03
		5795	/	/	0.650	10.677	6.09	12.16	0.00
802.11ac (VHT20)	SISO	5180	/	/	1.903	12.377	15.38	8.13	0.59
		5200	/	/	1.900	11.923	15.94	7.98	0.02
		5240	/	/	1.900	11.930	15.93	7.98	0.03
		5745	/	/	1.904	12.330	15.44	8.11	0.53
		5785	/	/	1.904	11.930	15.96	7.97	0.01
		5825	/	/	1.900	11.927	15.93	7.98	0.03
802.11ac (VHT40)	SISO	5190	/	/	0.936	10.960	8.54	10.69	0.00
		5230	/	/	0.937	10.960	8.55	10.68	0.00
		5755	/	/	0.937	10.963	8.55	10.68	0.03
		5795	/	/	0.937	10.963	8.55	10.68	0.03
802.11ax (HEW20)	SISO	5180	SU	/	1.020	11.047	9.23	10.35	0.03
		5200	SU	/	1.020	11.050	9.23	10.35	0.04
		5240	SU	/	1.020	11.043	9.24	10.34	0.03
		5745	SU	/	1.020	11.050	9.23	10.35	0.03
		5785	SU	/	1.020	11.050	9.23	10.35	0.04
		5825	SU	/	1.020	11.050	9.23	10.35	0.03
802.11ax (HEW40)	SISO	5190	SU	/	0.540	10.566	5.11	12.92	0.03
		5230	SU	/	0.540	10.570	5.11	12.92	0.03
		5755	SU	/	0.540	10.567	5.11	12.92	0.03
		5795	SU	/	0.540	10.567	5.11	12.92	0.03

1.2 Test Graph

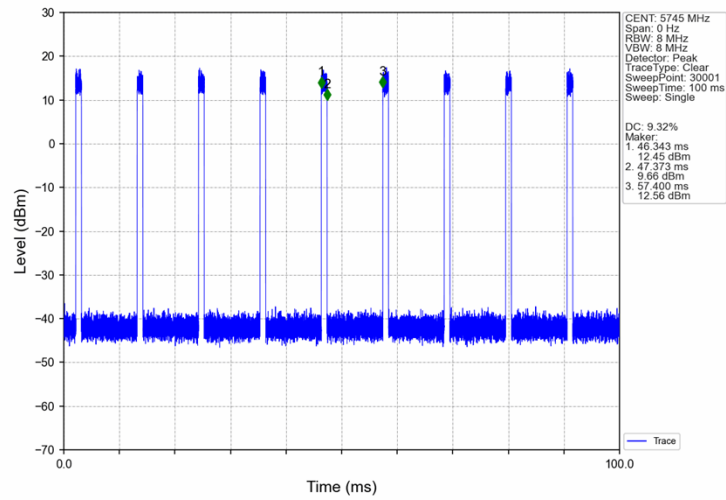
1.2.1 Ant1



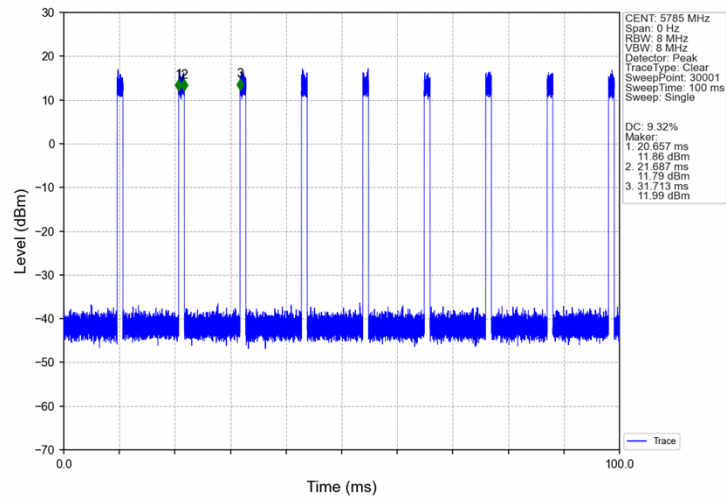
802.11a_HCH_5240MHz_Ant1_NTNV



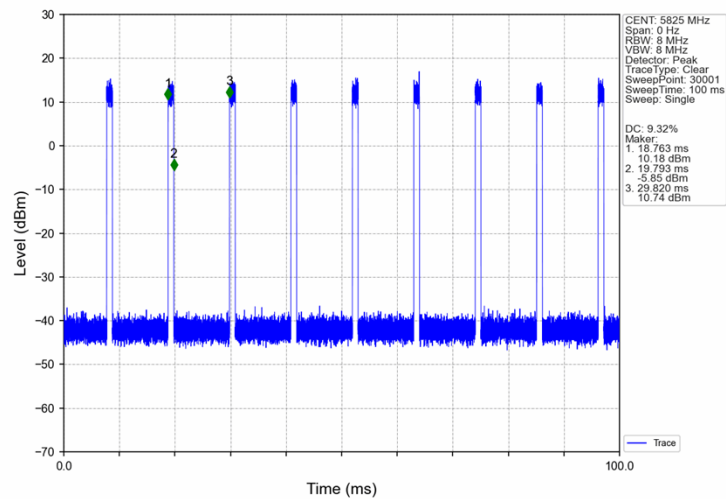
802.11a_LCH_5745MHz_Ant1_NTNV



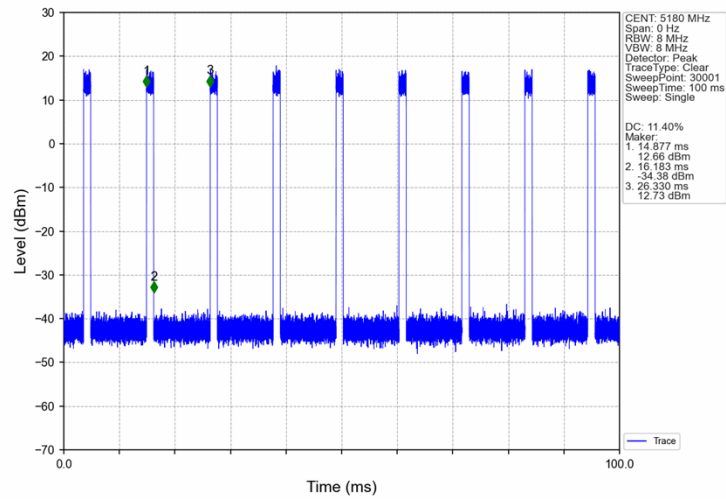
802.11a_MCH_5785MHz_Ant1_NTNV



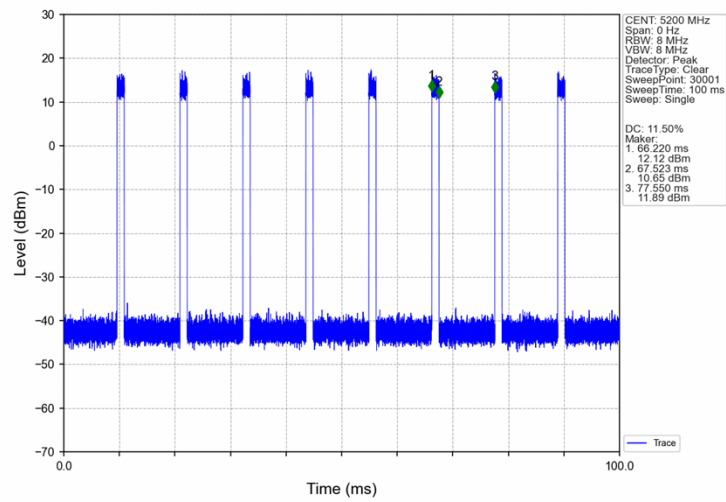
802.11a_HCH_5825MHz_Ant1_NTNV



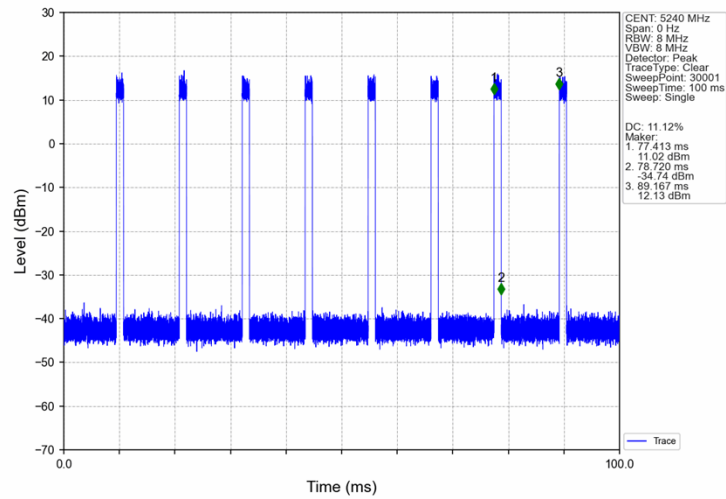
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



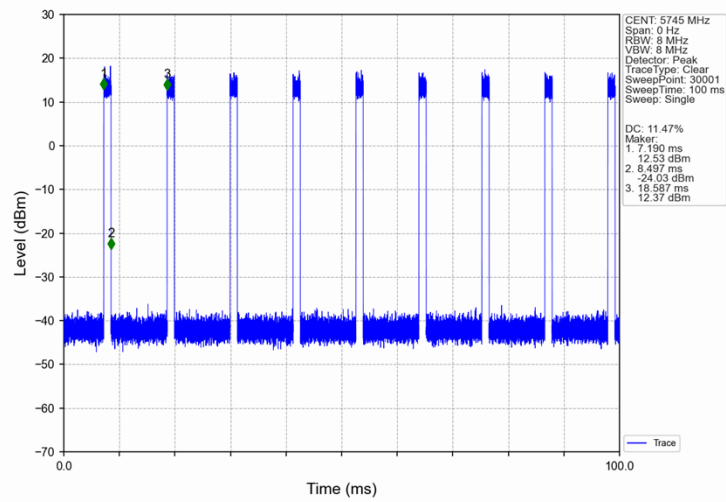
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



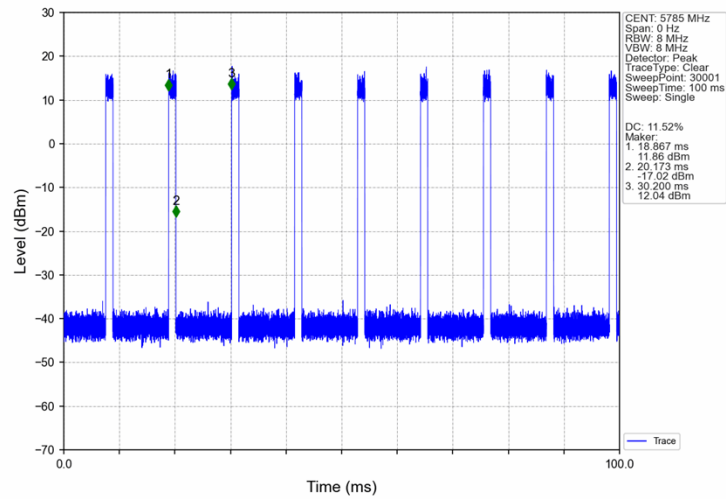
802.11n(HT20) HCH_5240MHz_Ant1_NTNV



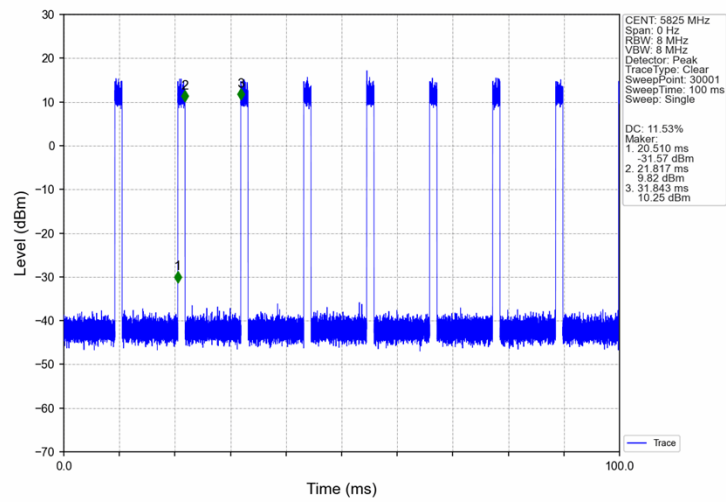
802.11n(HT20) LCH_5745MHz_Ant1_NTNV



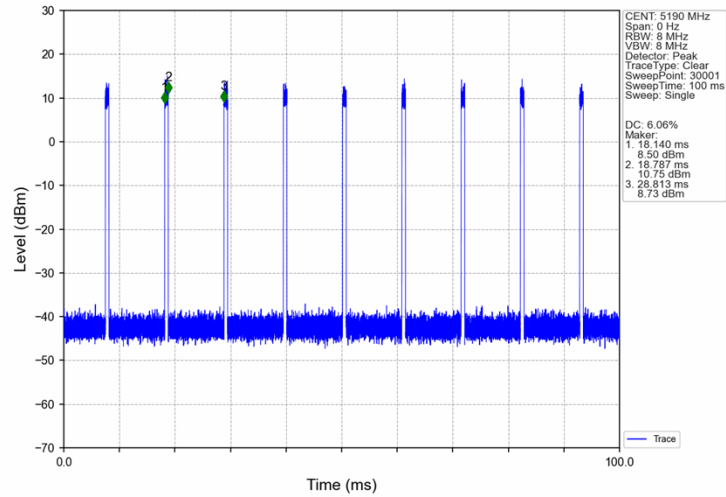
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



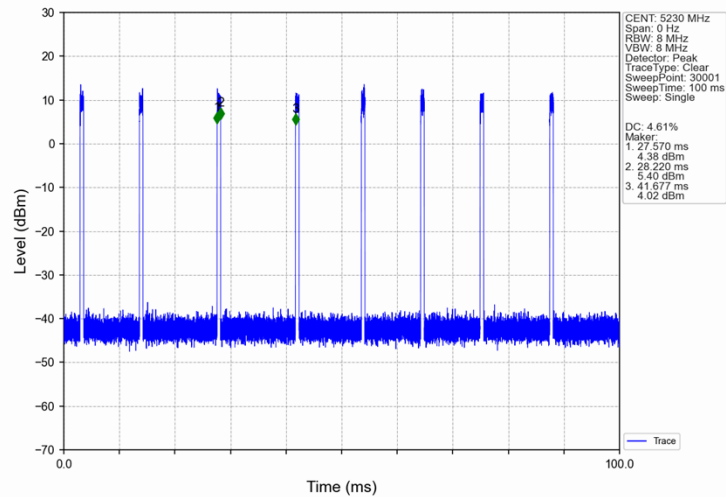
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



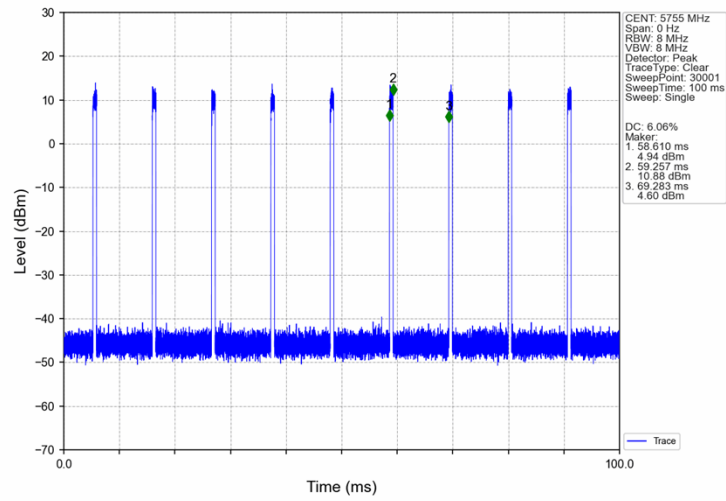
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



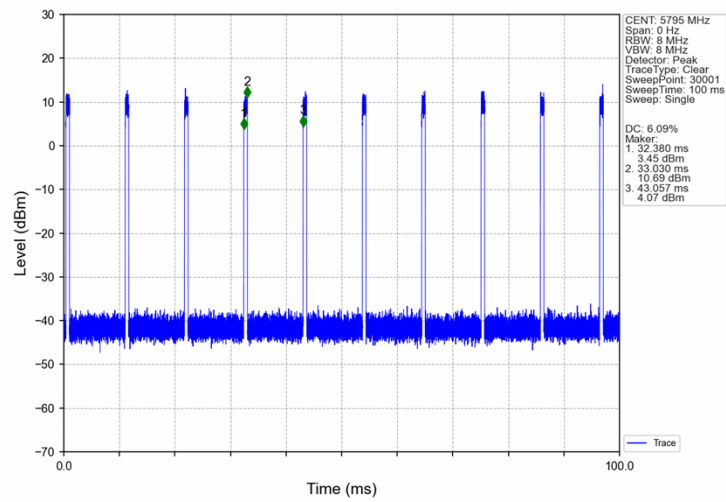
802.11n(HT40) HCH_5230MHz_Ant1_NTNV



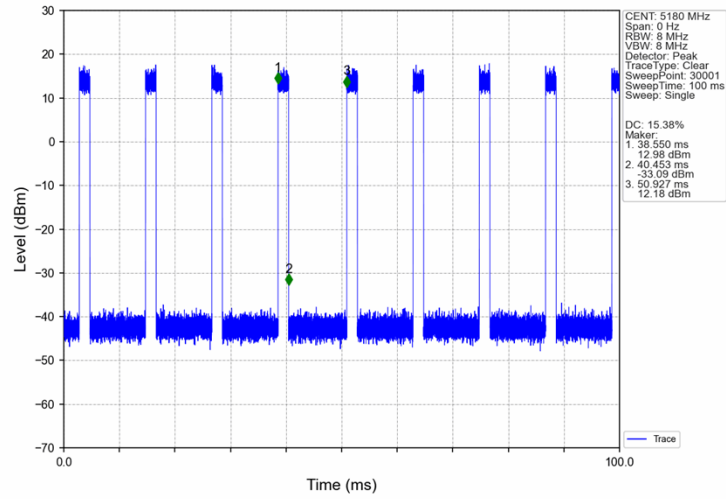
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



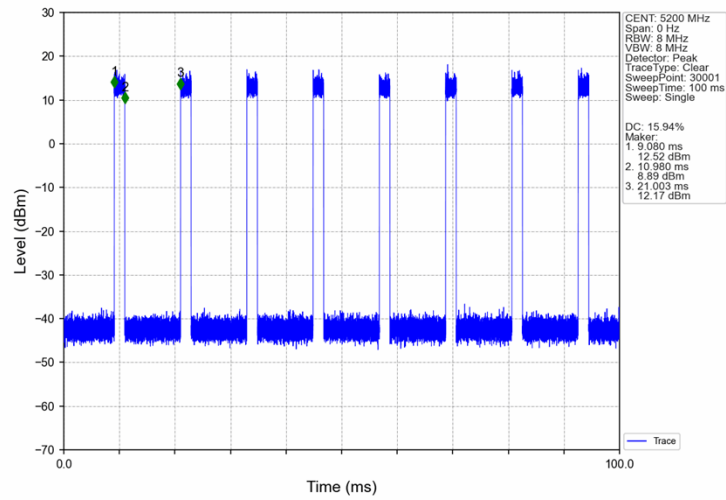
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



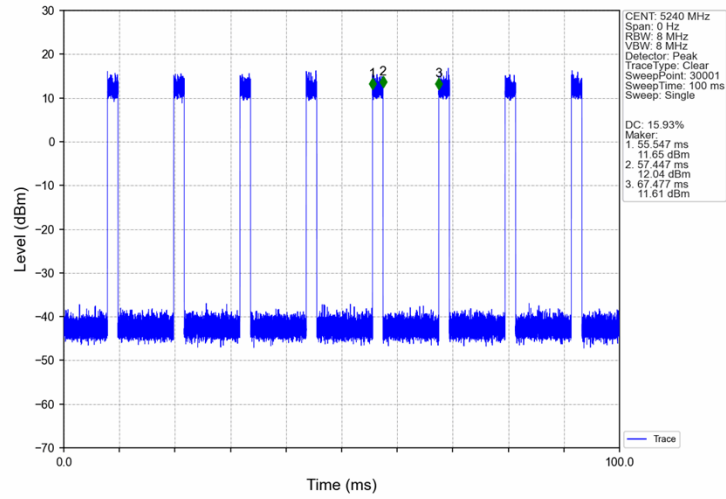
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



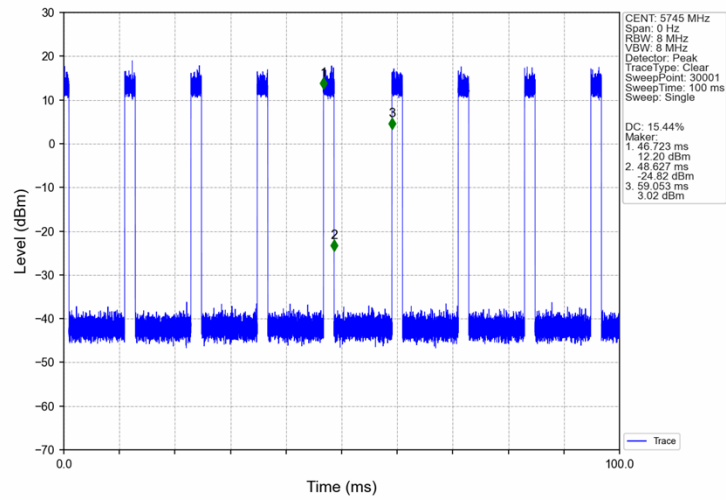
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



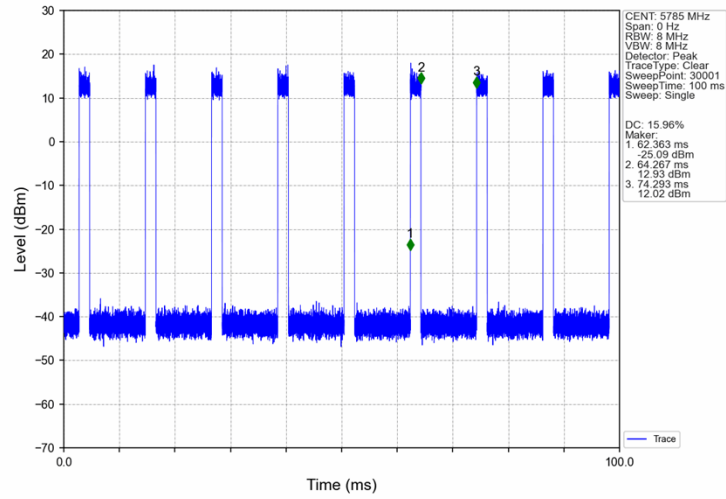
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



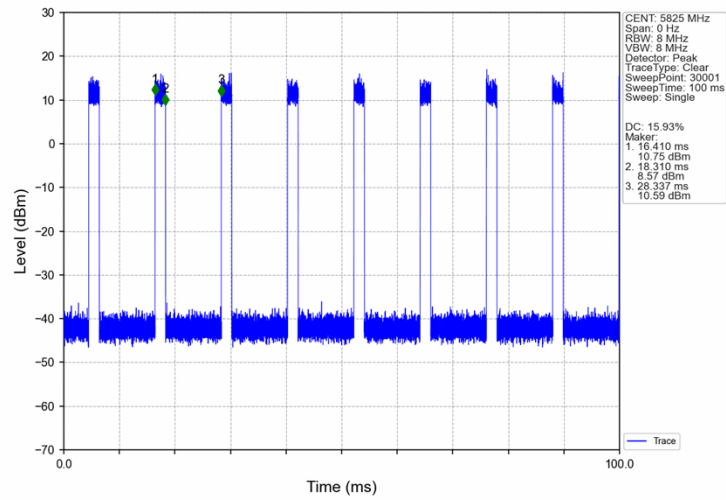
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



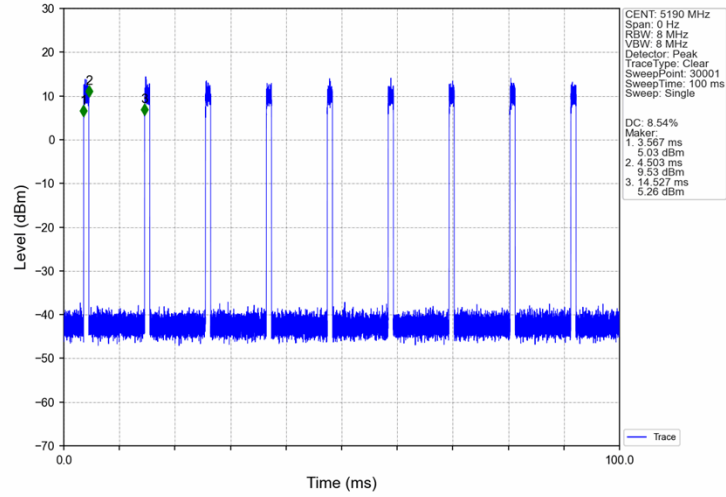
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



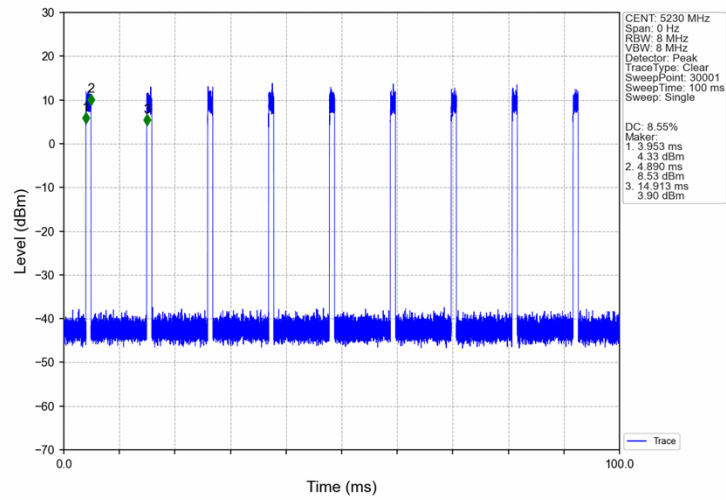
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



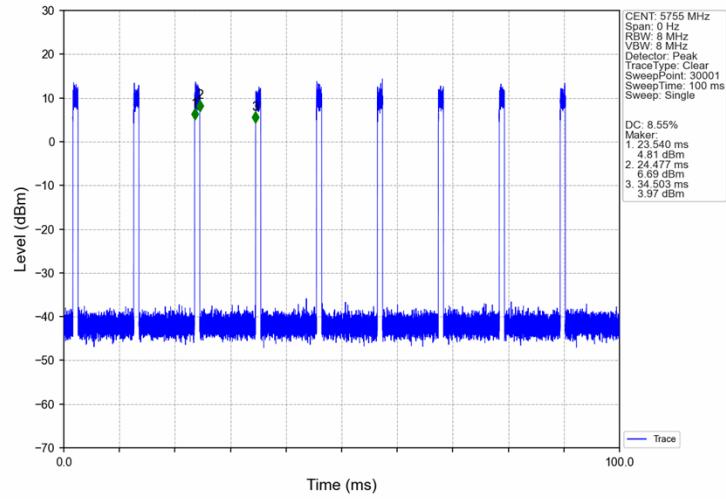
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



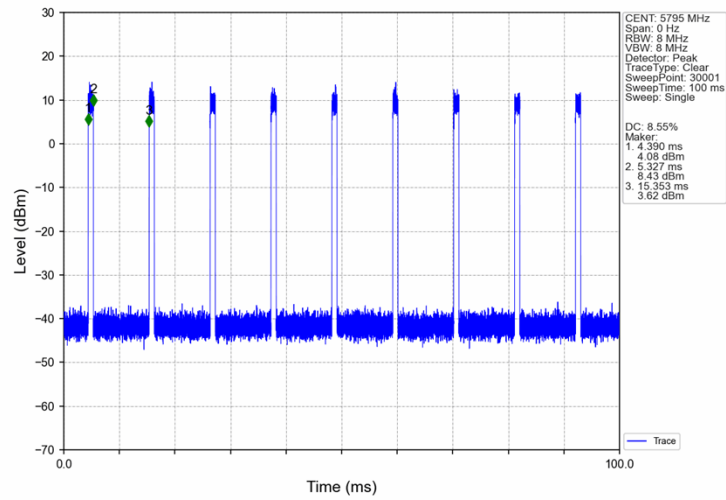
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



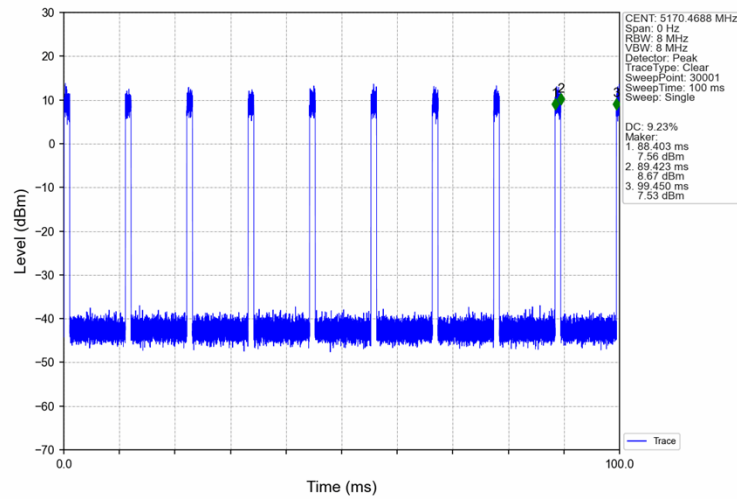
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



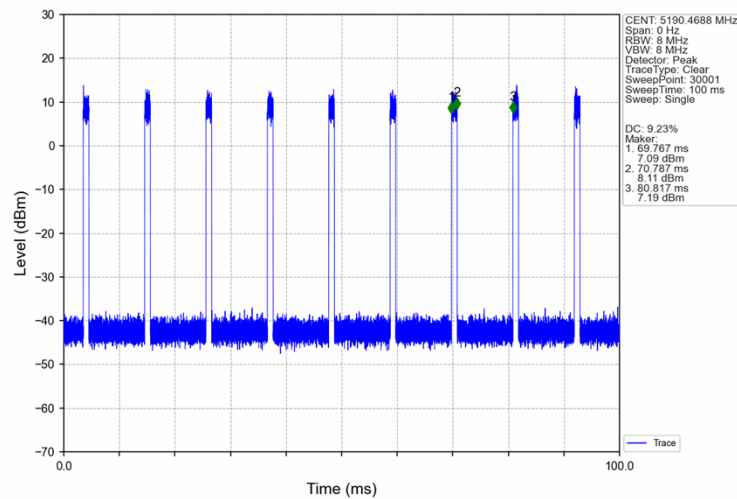
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



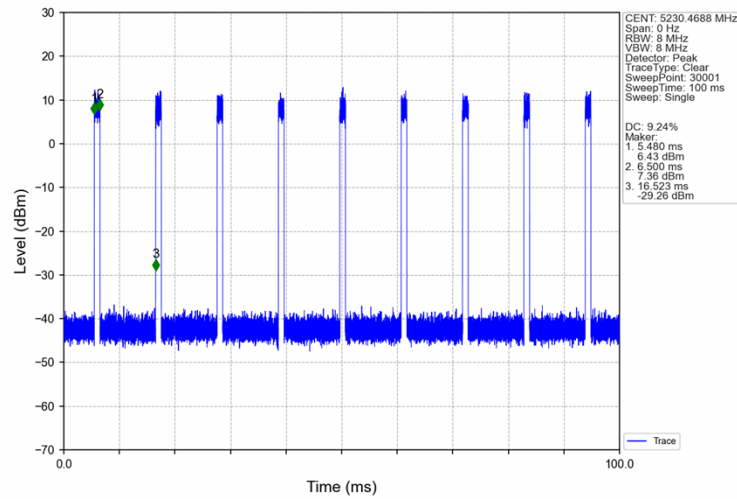
802.11ax(HEW20)_LCH_5180MHz_SU_/_Ant1_NTNV



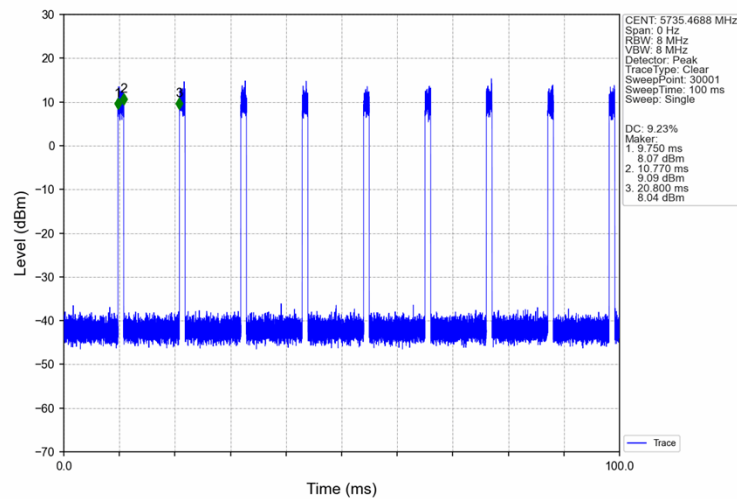
802.11ax(HEW20)_MCH_5200MHz_SU_/_Ant1_NTNV



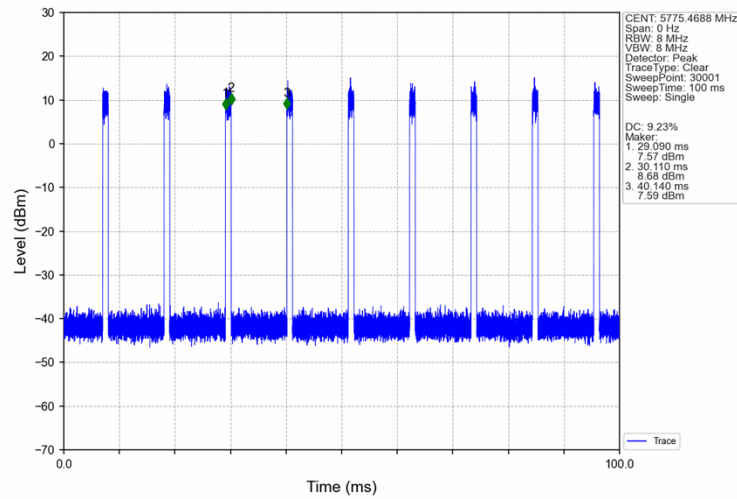
802.11ax(HEW20)_HCH_5240MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_LCH_5745MHz_SU_ / Ant1_NTNV



802.11ax(HEW20)_MCH_5785MHz_SU_ / Ant1 NTNv



802.11ax(HEW20)_HCH_5825MHz_SU_ / Ant1 NTNv

