

1. Duty Cycle

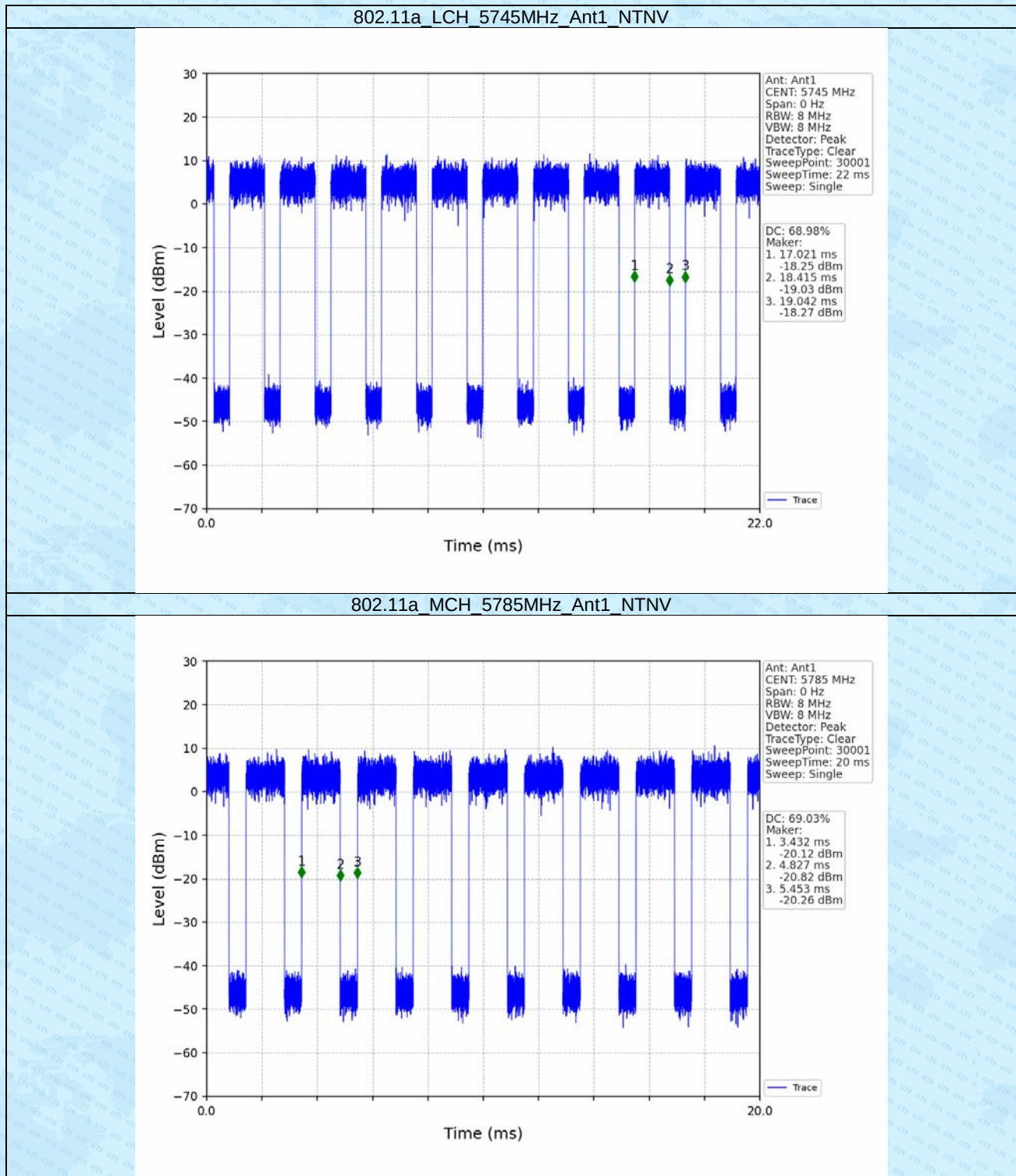
1.1 Ant1

1.1.1 Test Result

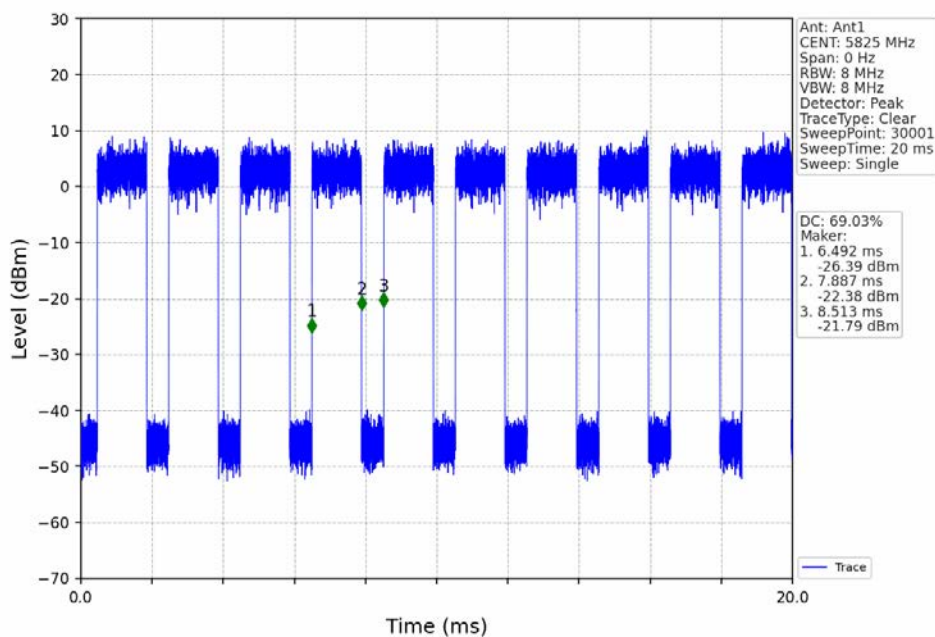
Ant1									
Mode	Tx Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	1.394	2.021	68.98	1.61	0.34
		5785	/	/	1.395	2.021	69.03	1.61	0.32
		5825	/	/	1.395	2.021	69.03	1.61	0.32
802.11n (HT20)	MIMO	5745	/	/	1.290	1.926	66.98	1.74	0.34
		5785	/	/	1.290	1.926	66.98	1.74	0.34
		5825	/	/	1.290	1.944	66.36	1.78	0.92
802.11n (HT40)	MIMO	5755	/	/	0.639	1.283	49.81	3.03	1.08
		5795	/	/	0.638	1.283	49.73	3.03	1.06
802.11ac (VHT20)	MIMO	5745	/	/	1.314	1.959	67.08	1.73	0.33
		5785	/	/	1.314	1.959	67.08	1.73	0.33
		5825	/	/	1.314	1.958	67.11	1.73	0.33
802.11ac (VHT40)	MIMO	5755	/	/	0.655	1.290	50.78	2.94	5.90
		5795	/	/	0.655	1.291	50.74	2.95	0.38
802.11ac (VHT80)	MIMO	5775	/	/	0.326	0.953	34.21	4.66	0.36
802.11ax (HEW20)	MIMO	5745	RU242	Left	0.155	0.800	19.38	7.13	0.22
		5785	RU242	Left	0.155	0.665	23.31	6.32	59.24
		5825	RU242	Left	0.156	0.458	34.06	4.68	49.05
802.11ax (HEW40)	MIMO	5755	RU484	Left	0.053	0.072	73.61	1.33	0.22
		5795	RU484	Left	0.053	0.072	73.61	1.33	0.38
802.11ax (HEW80)	MIMO	5775	RU996	Left	0.041	0.059	69.49	1.58	0.23

Note: The duty cycle for two antennas were same, so only ant1 report

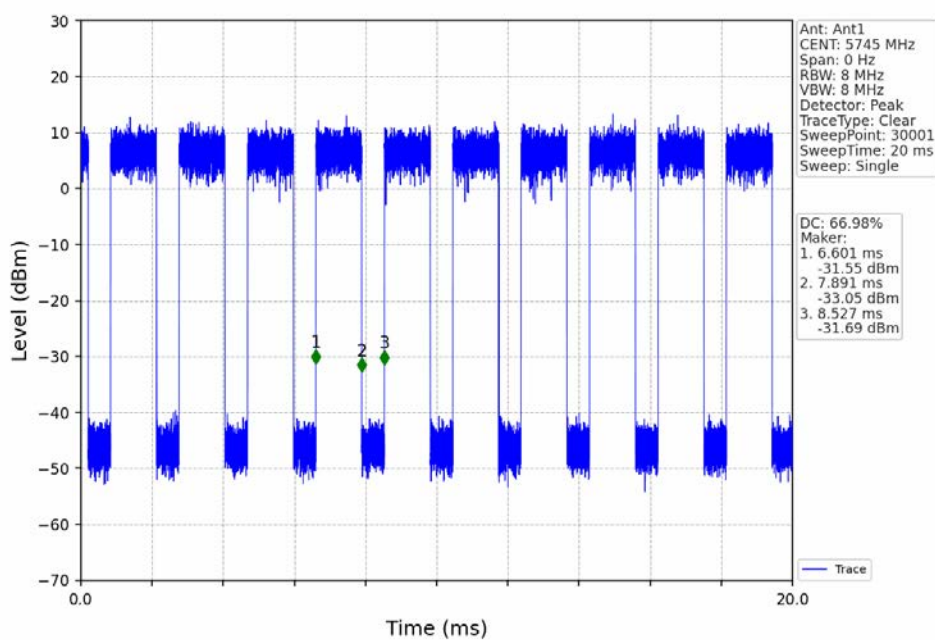
1.1.2 Test Graph



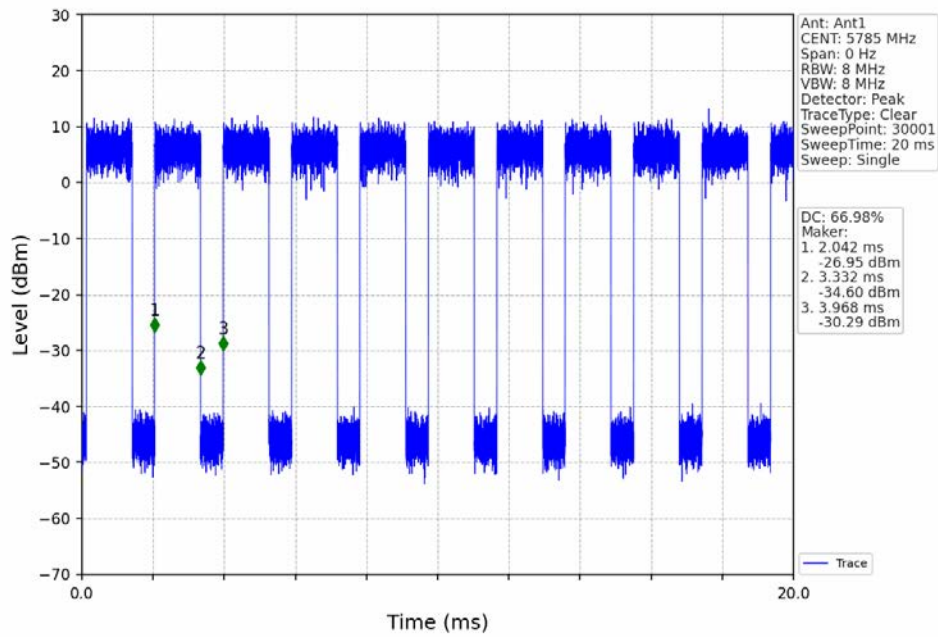
802.11a_HCH_5825MHz_Ant1_NTNV



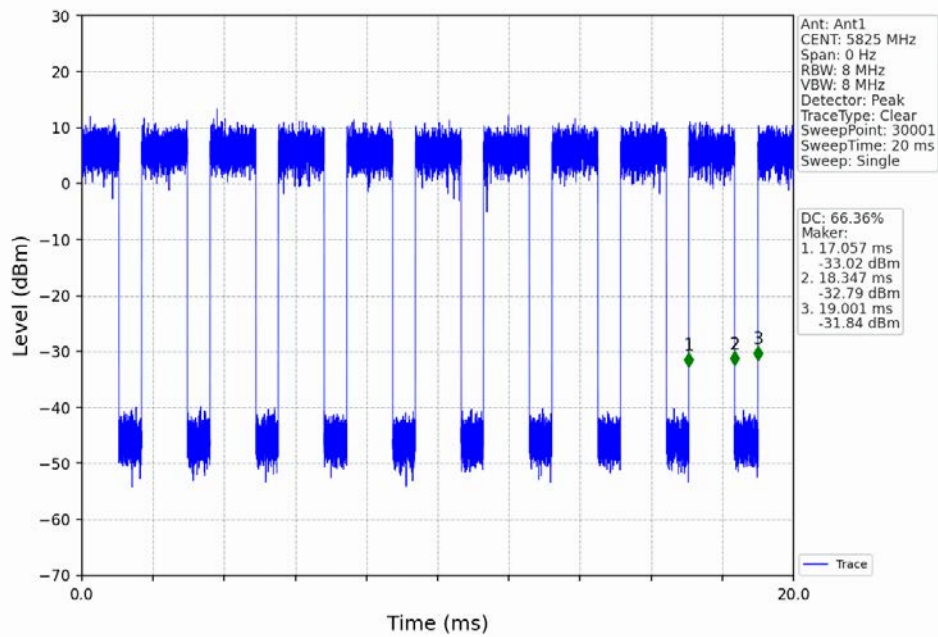
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



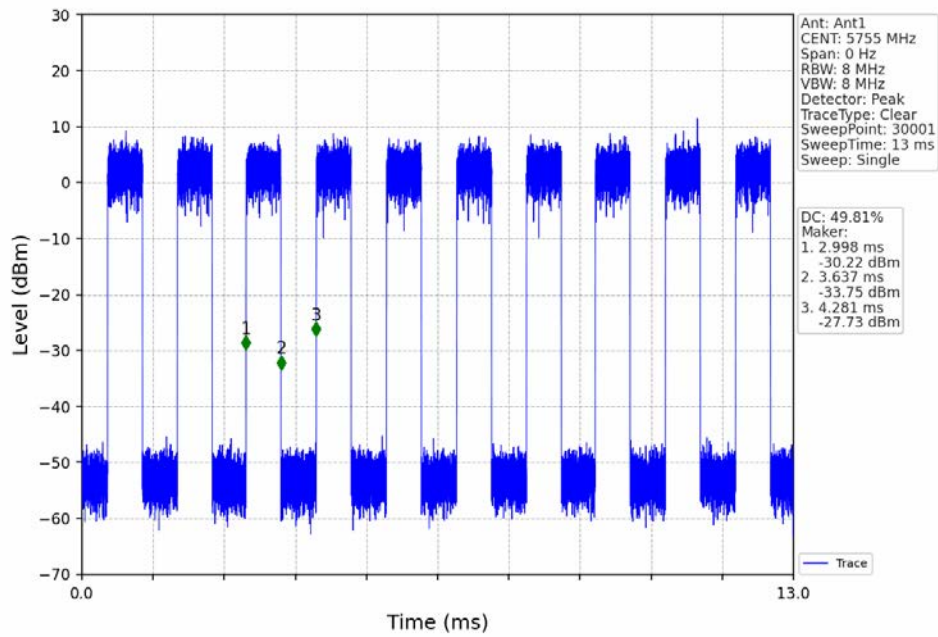
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



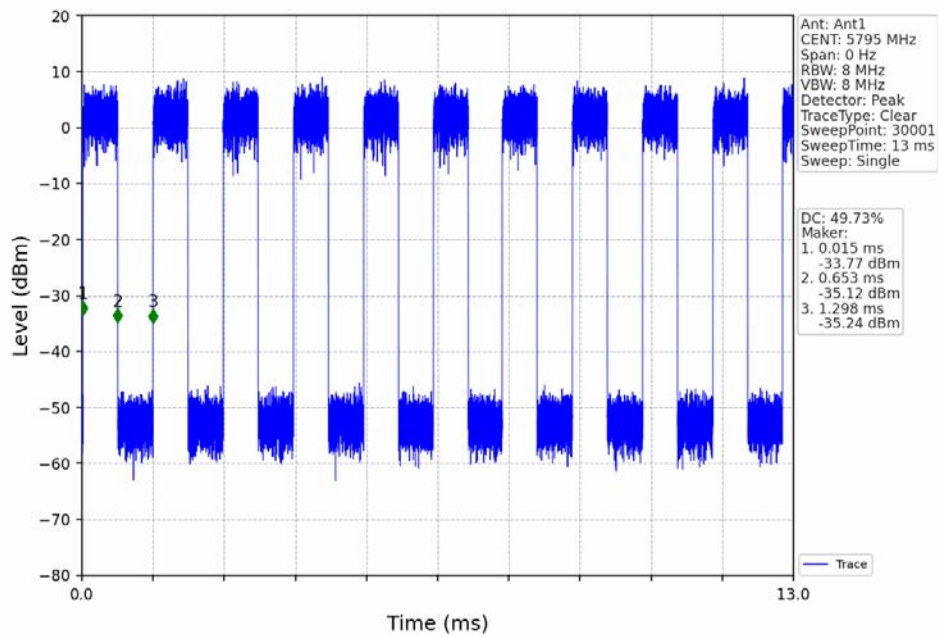
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



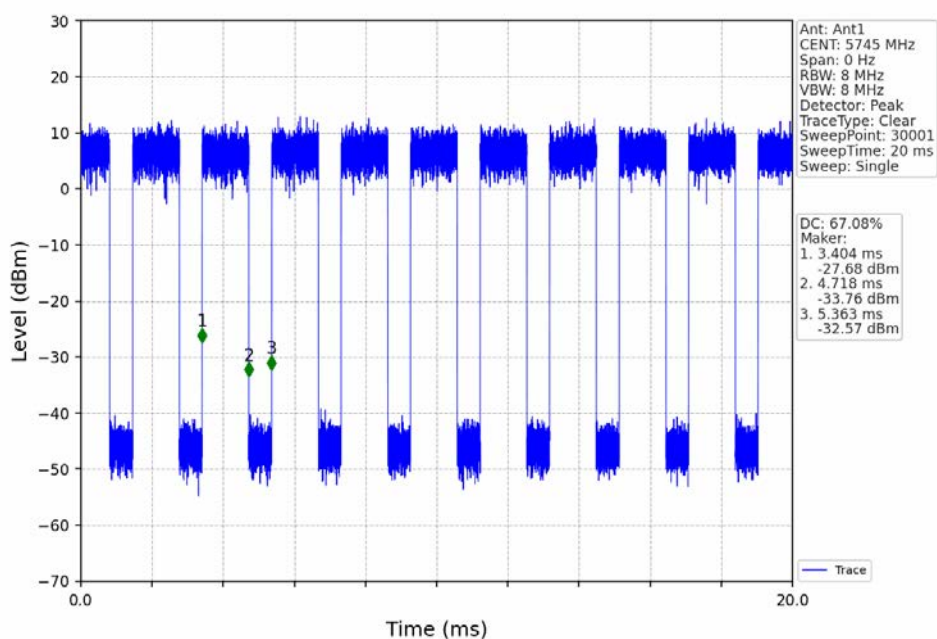
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



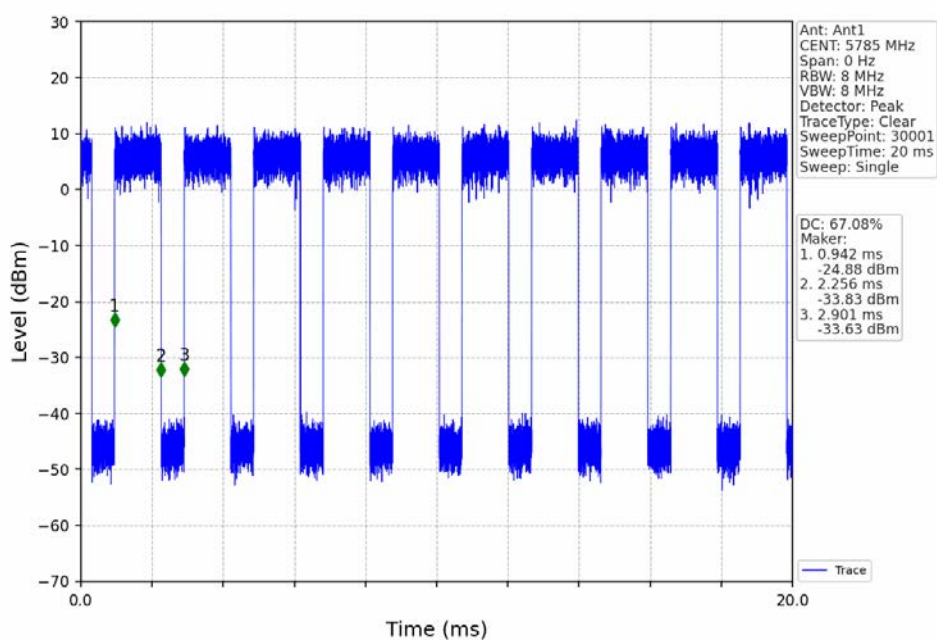
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



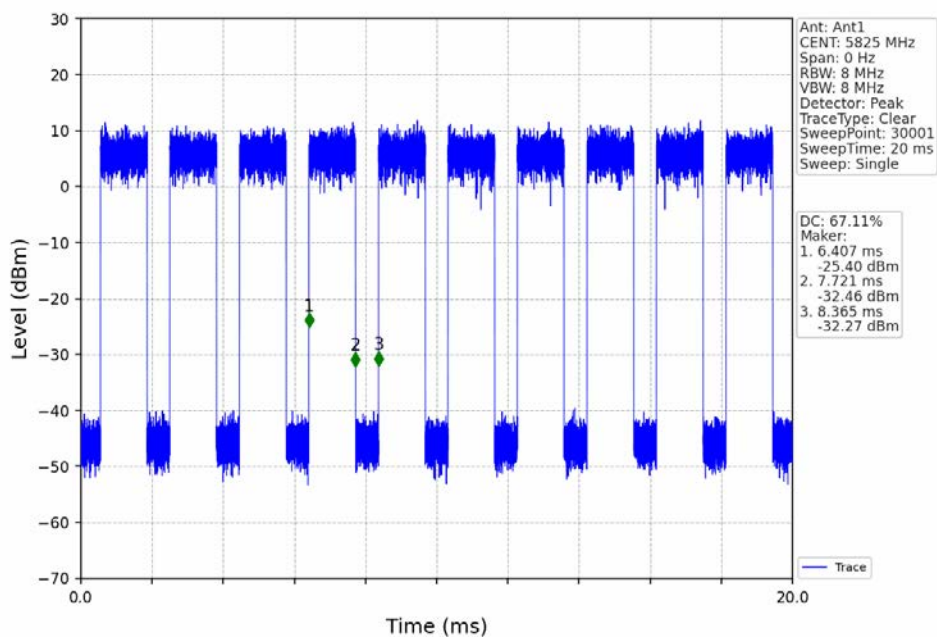
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



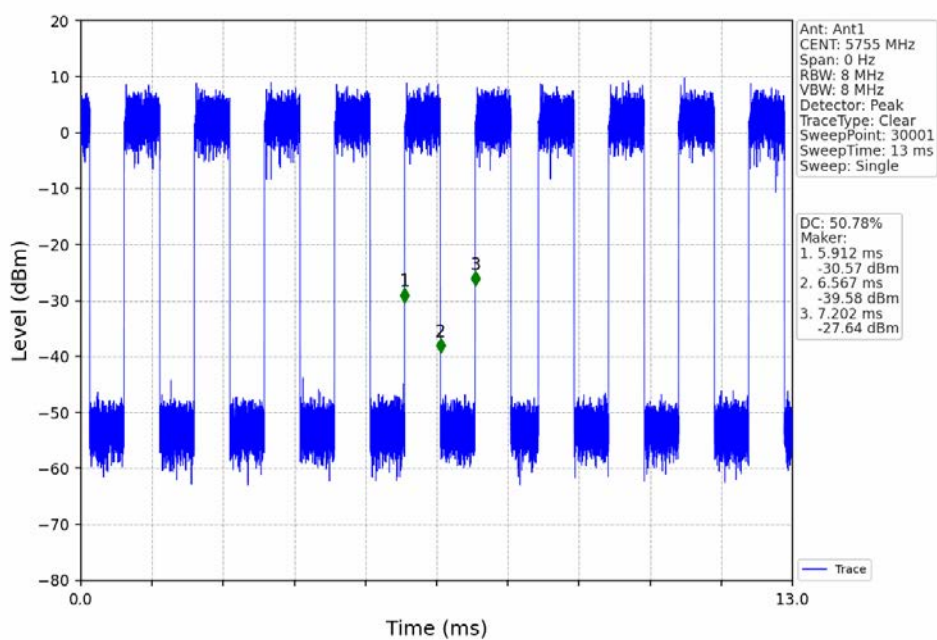
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



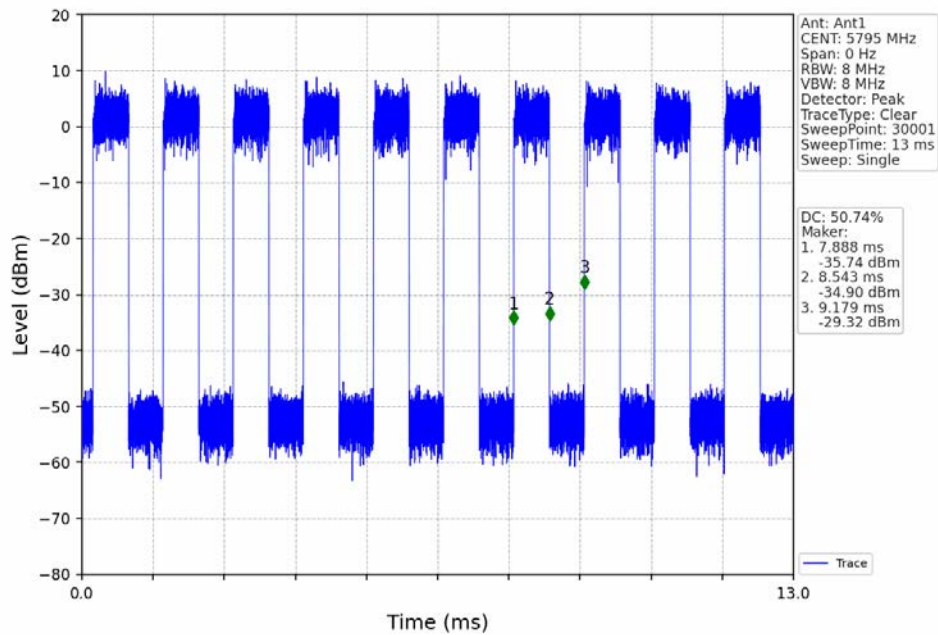
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



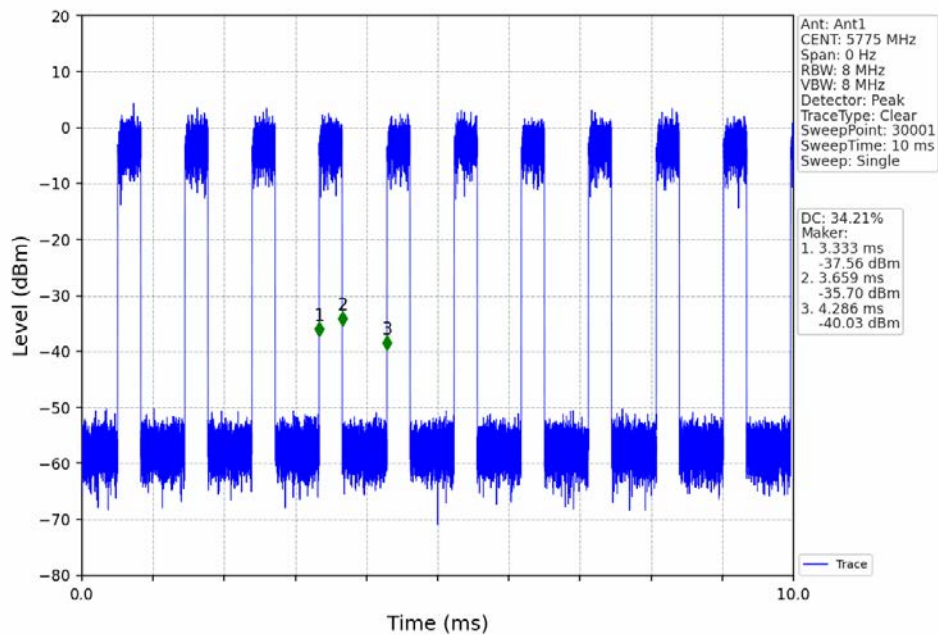
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



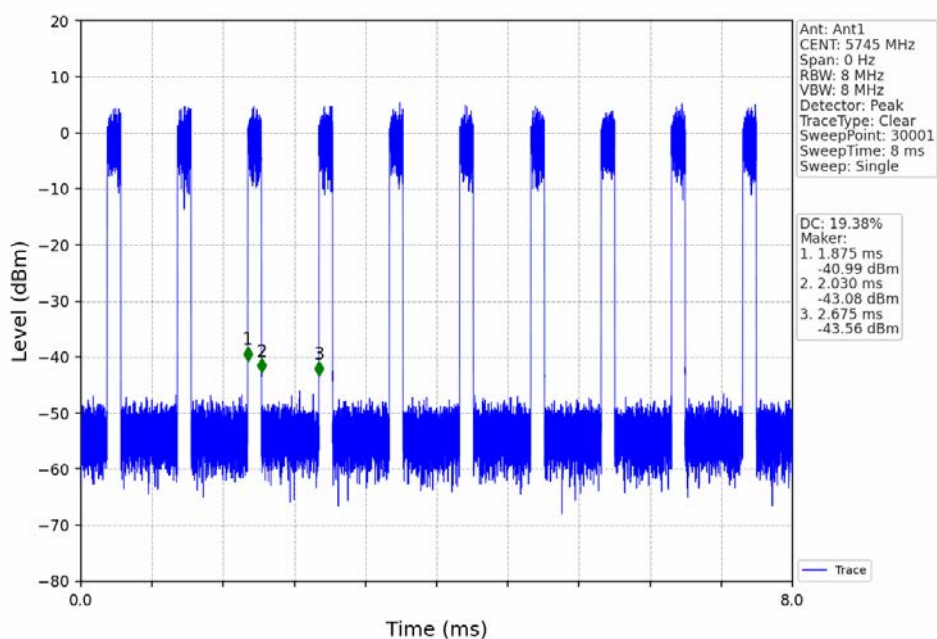
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



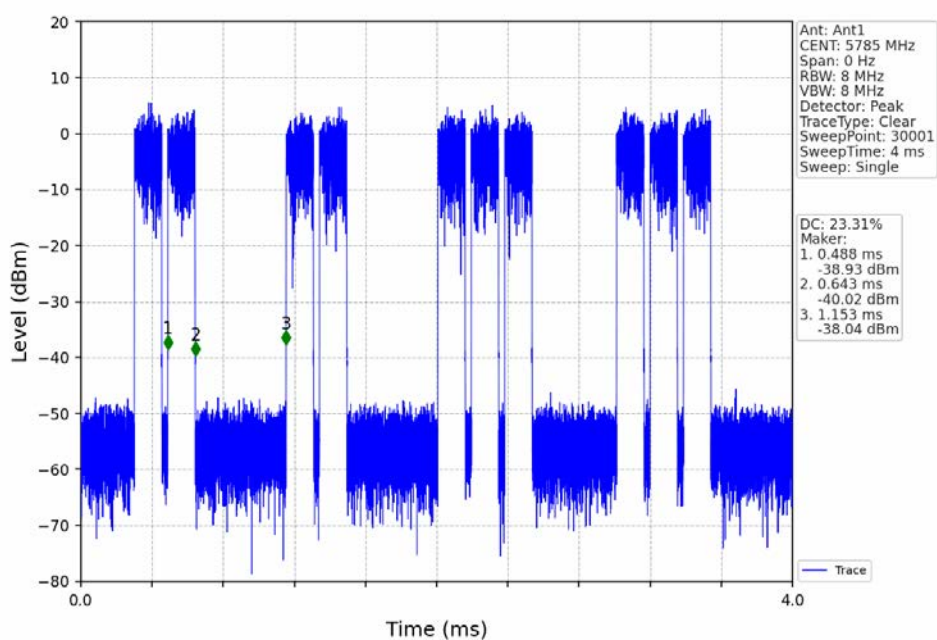
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



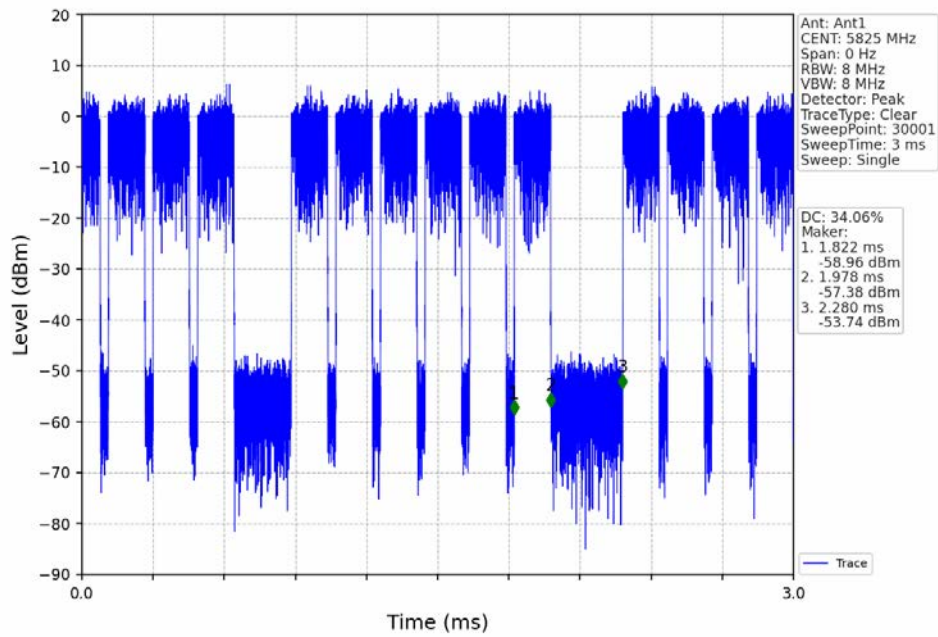
802.11ax(HEW20) LCH 5745MHz RU242 Left Ant1 NTN



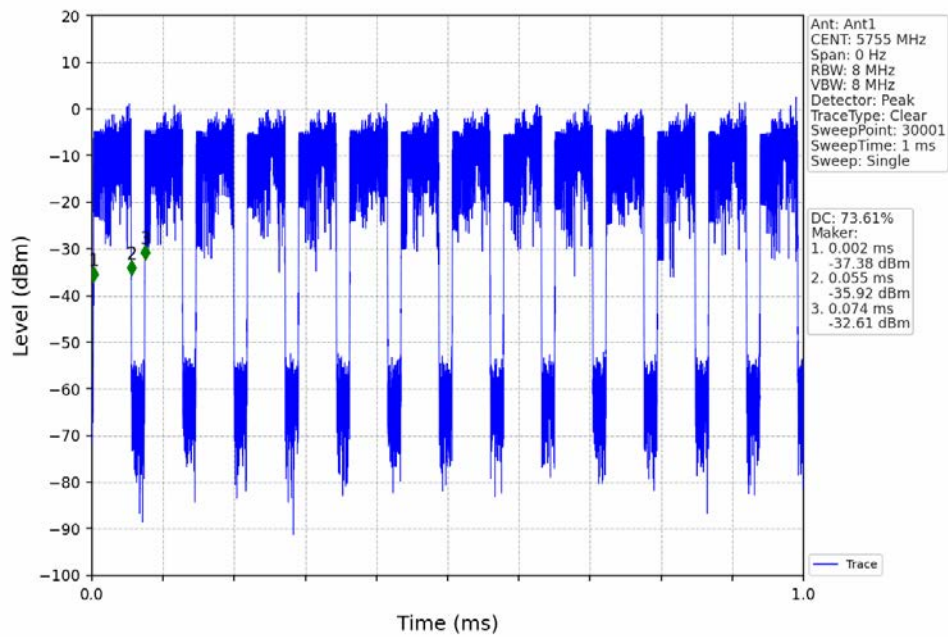
802.11ax(HEW20) MCH 5785MHz RU242 Left Ant1 NTN



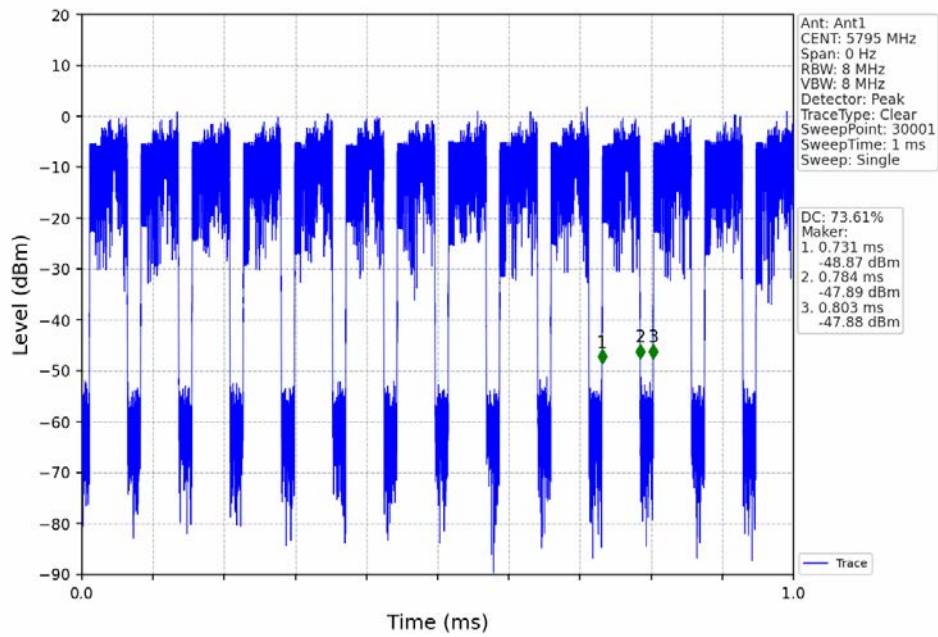
802.11ax(HEW20) HCH 5825MHz RU242 Left Ant1 NTN



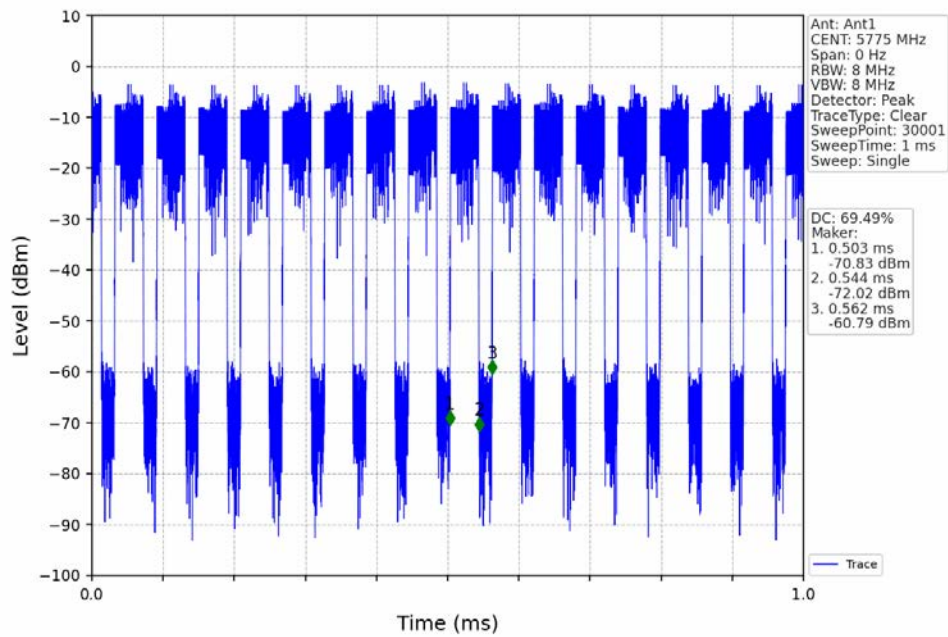
802.11ax(HEW40) LCH 5755MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5795MHz RU484 Left Ant1 NTN



802.11ax(HEW80) MCH 5775MHz RU996 Left Ant1 NTN



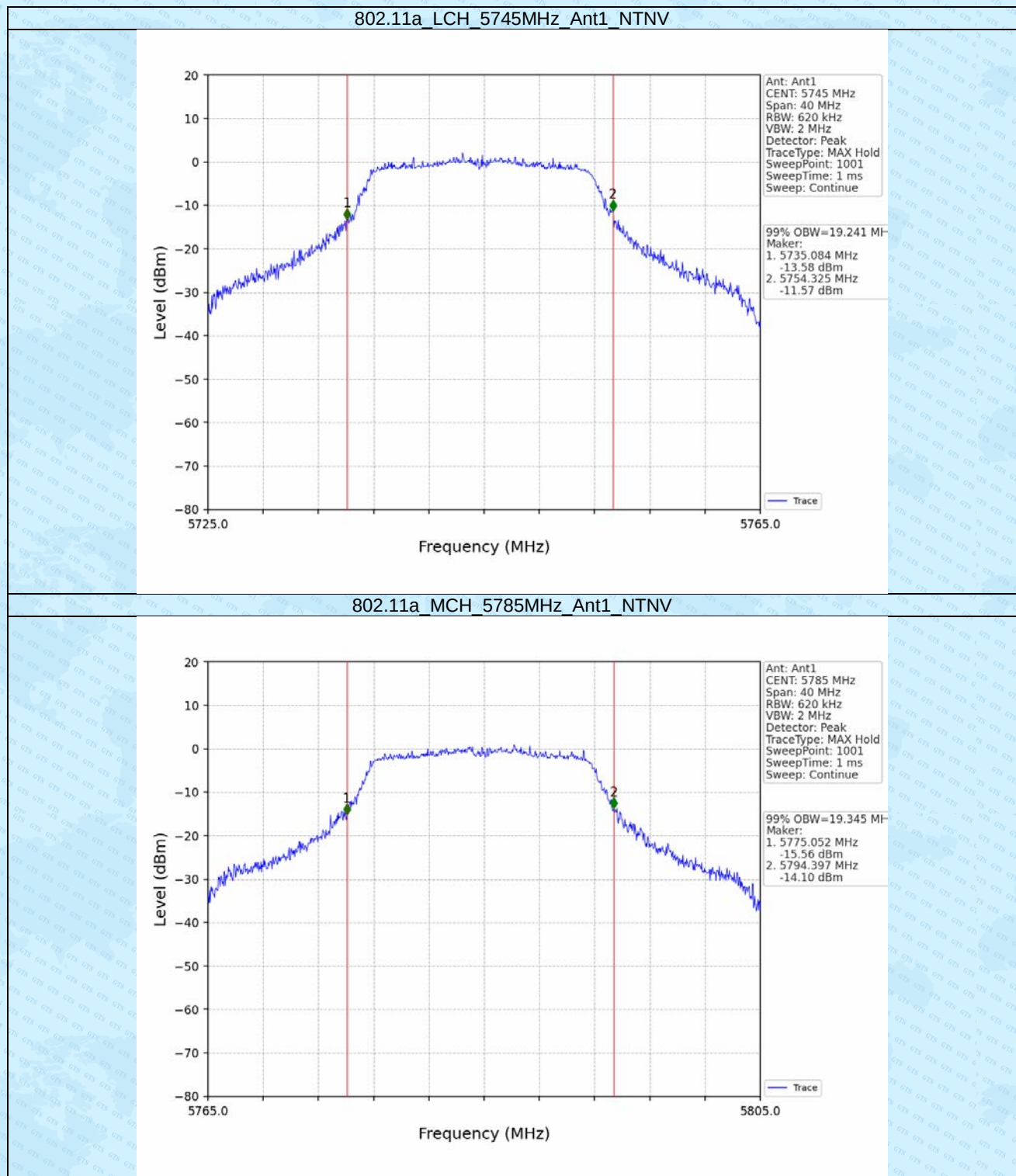
2. Bandwidth

2.1 OBW

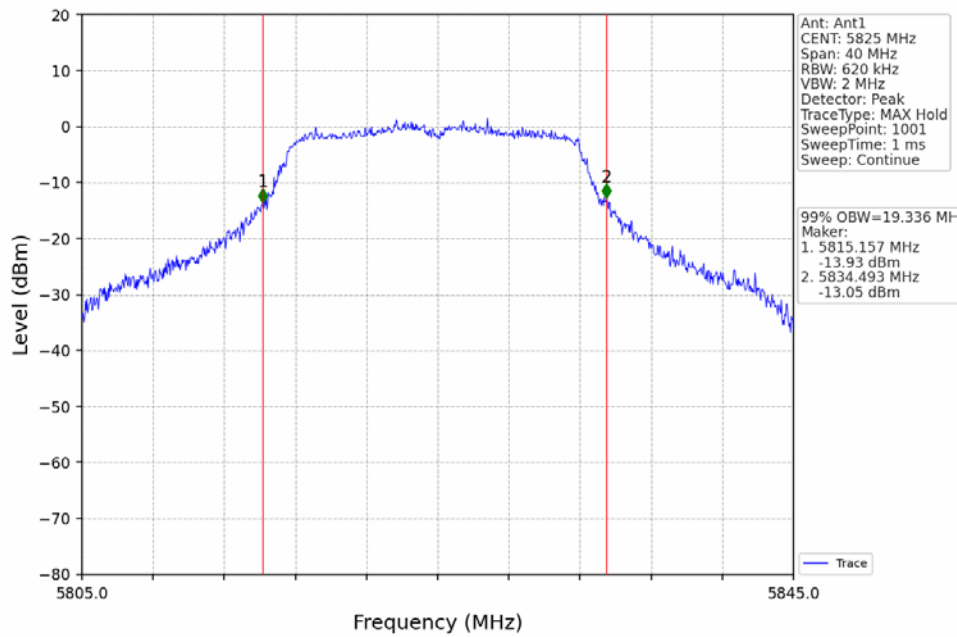
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)	Verdict
						Result	
802.11a	SISO	5745	/	/	1	19.241	Pass
		5785	/	/	1	19.345	Pass
		5825	/	/	1	19.336	Pass
802.11n (HT20)	MIMO	5745	/	/	1	20.096	Pass
		5785	/	/	1	20.120	Pass
		5825	/	/	1	19.919	Pass
802.11n (HT40)	MIMO	5755	/	/	1	35.991	Pass
		5795	/	/	1	36.121	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	20.196	Pass
		5785	/	/	1	20.104	Pass
		5825	/	/	1	20.209	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	35.980	Pass
		5795	/	/	1	36.037	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.293	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	19.481	Pass
		5785	RU242	Left	1	19.652	Pass
		5825	RU242	Left	1	19.711	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	38.016	Pass
		5795	RU484	Left	1	38.075	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	77.291	Pass

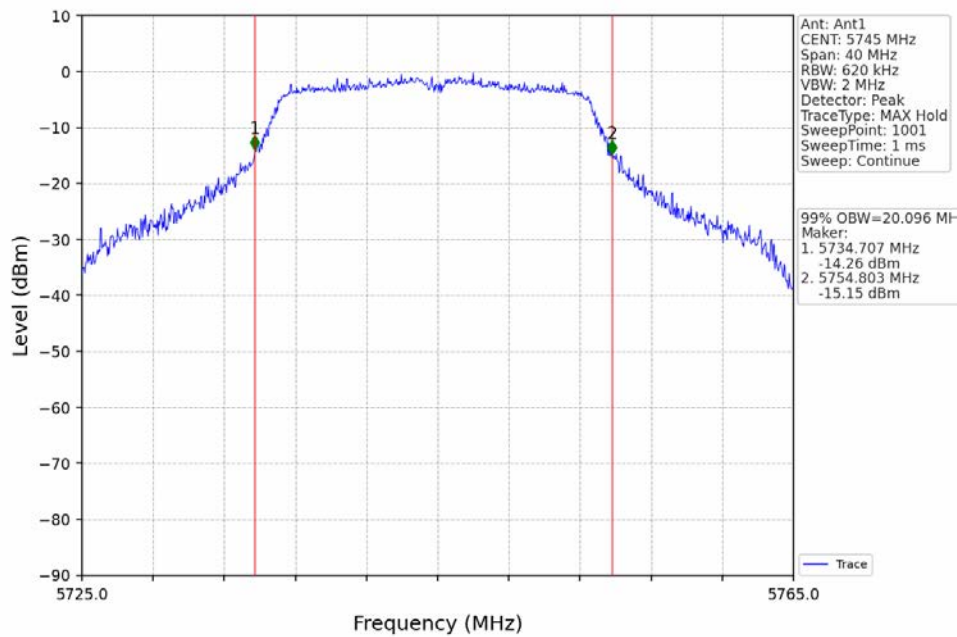
2.1.2 Test Graph



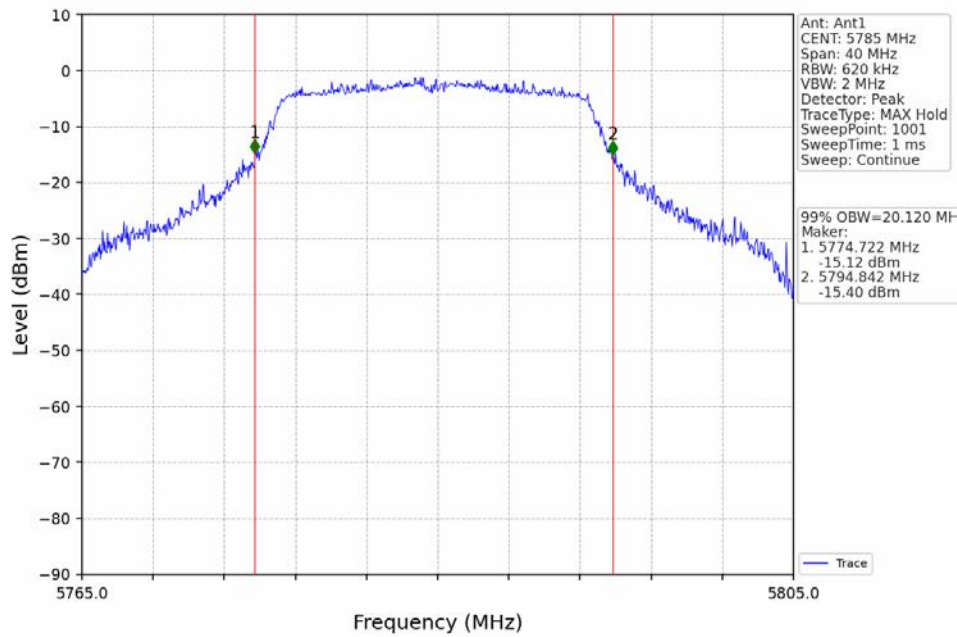
802.11a_HCH_5825MHz_Ant1_NTNV



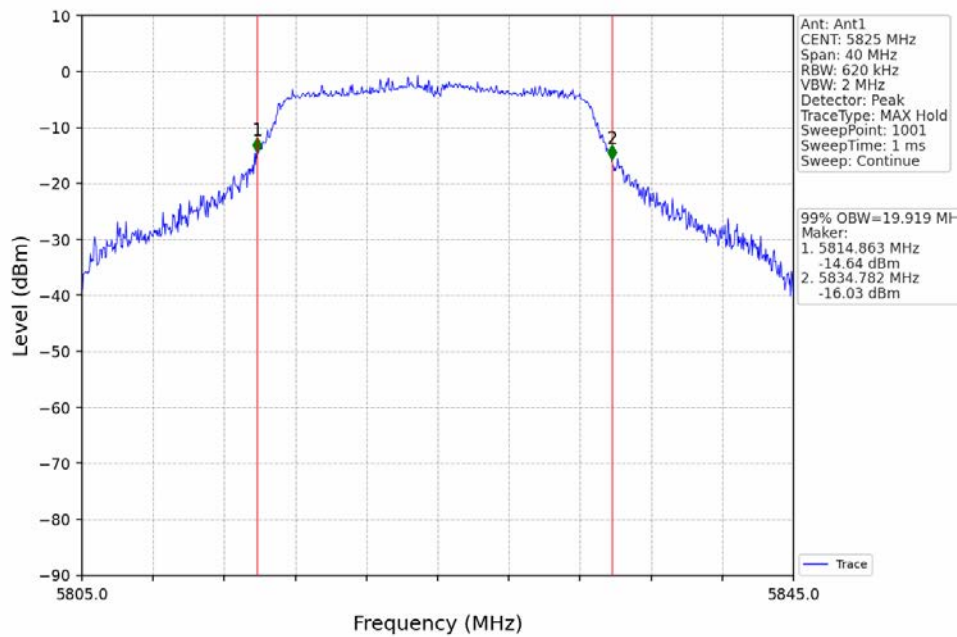
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



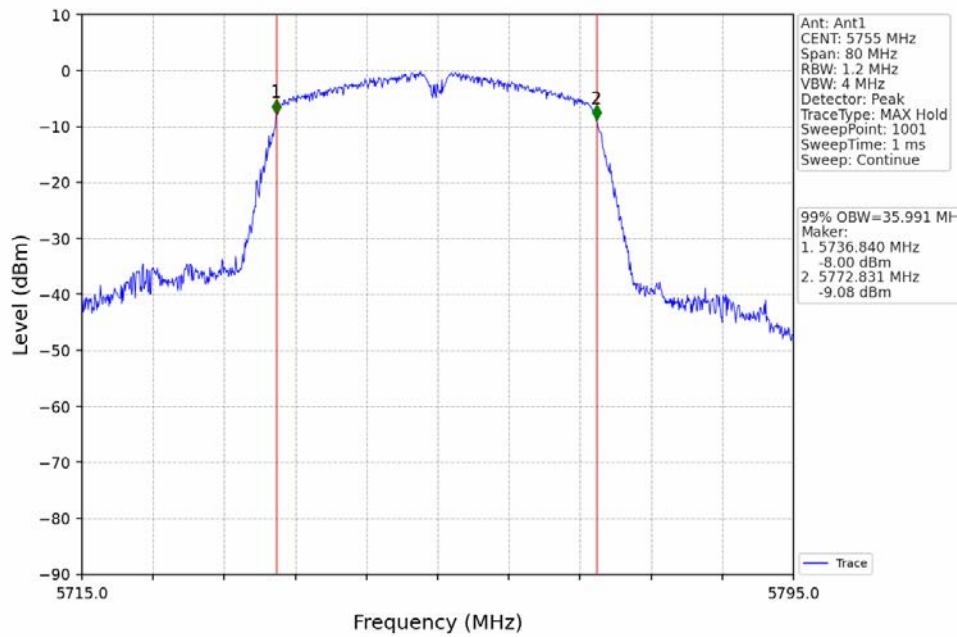
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



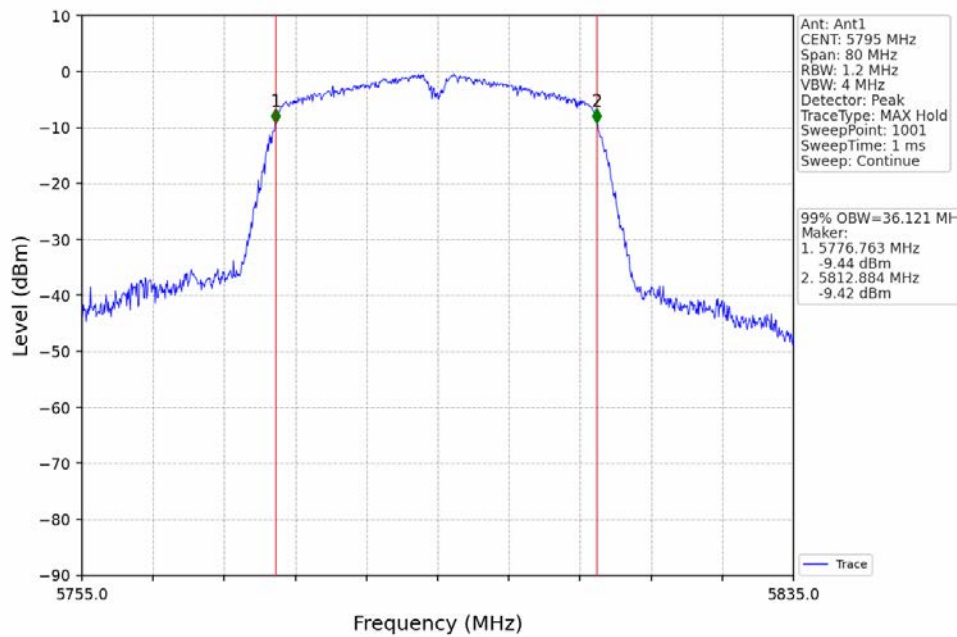
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



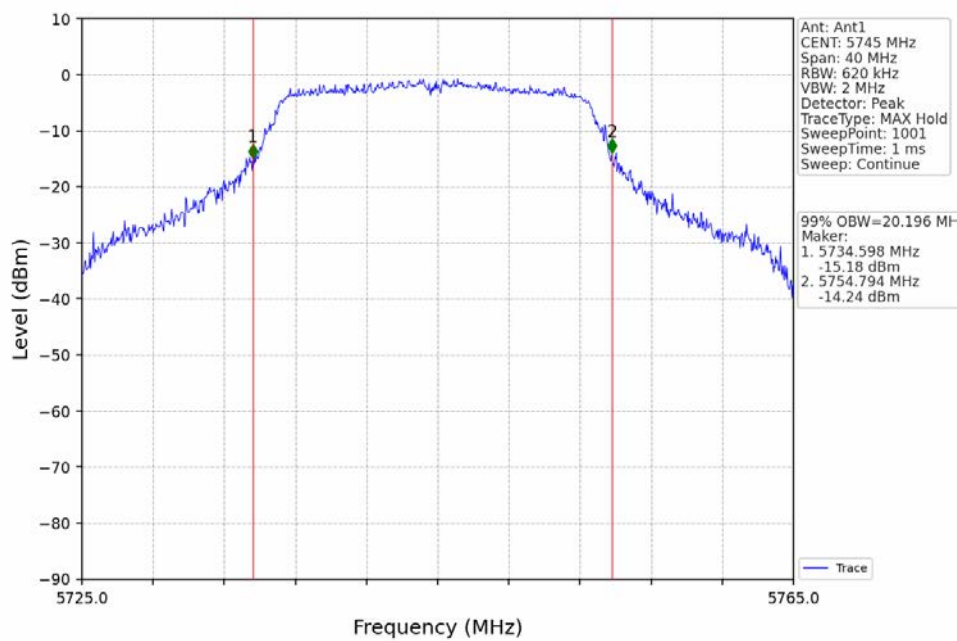
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



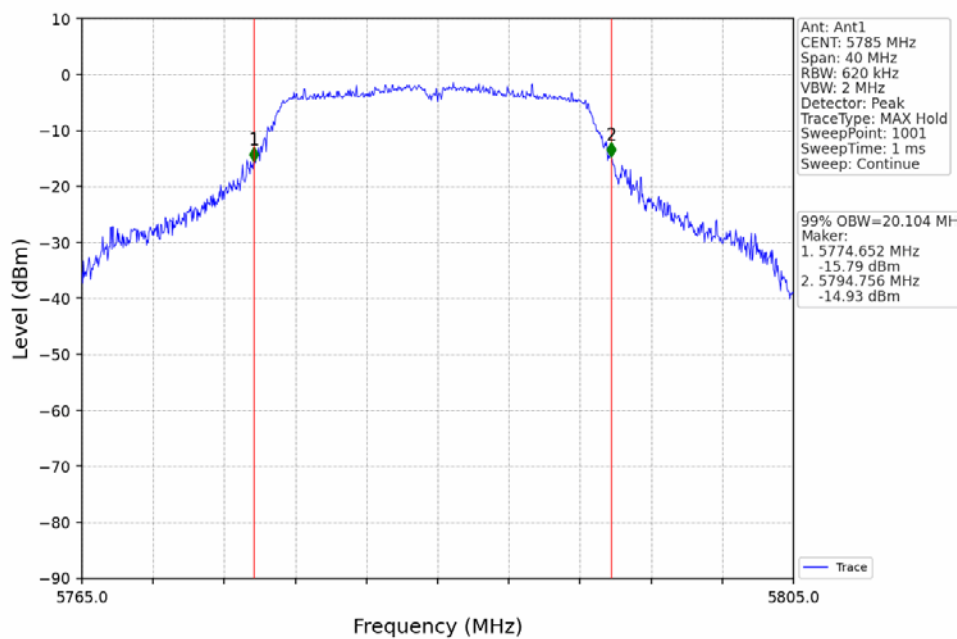
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



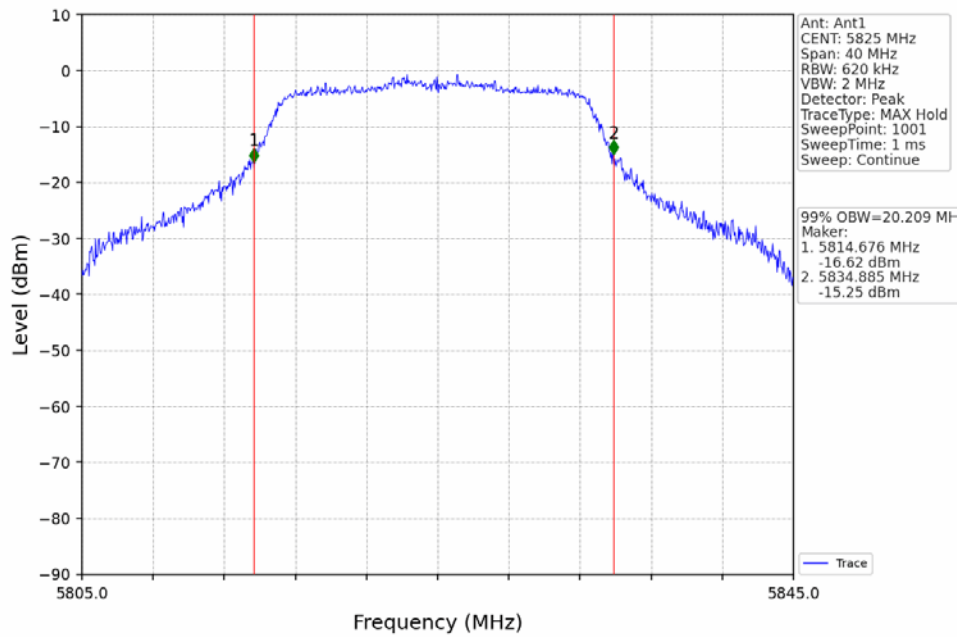
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



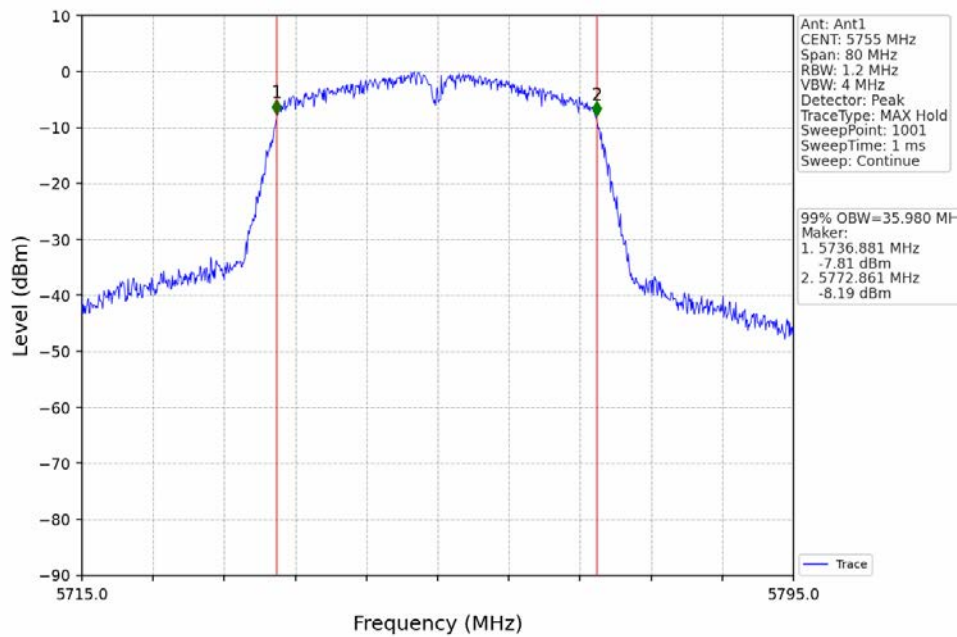
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



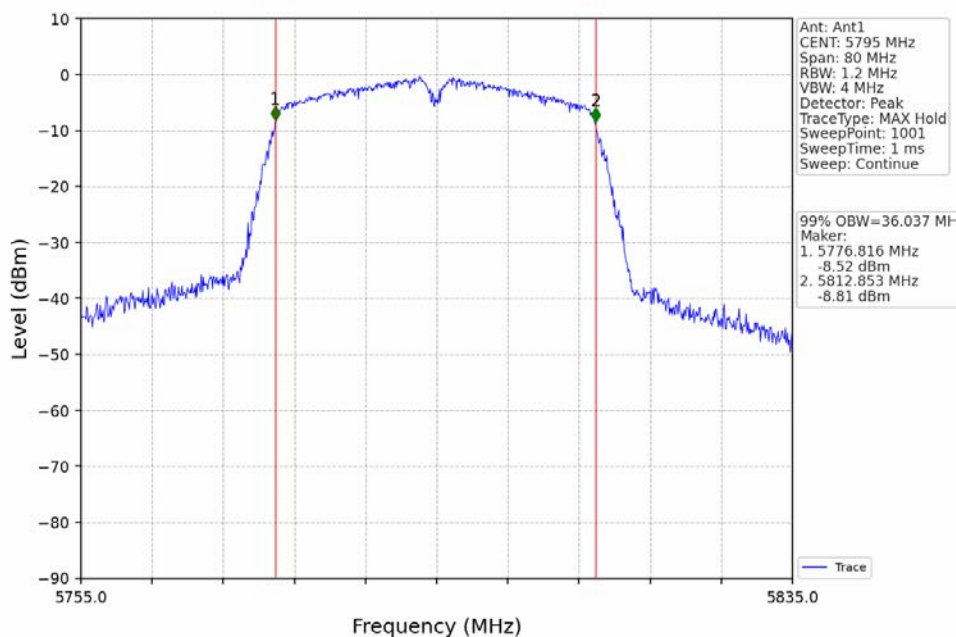
802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



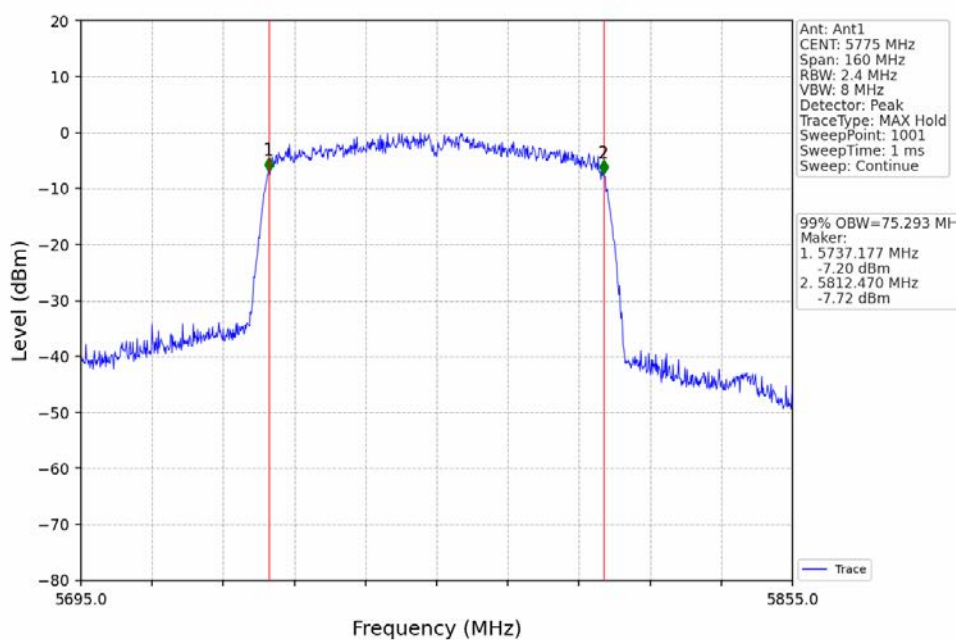
802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV



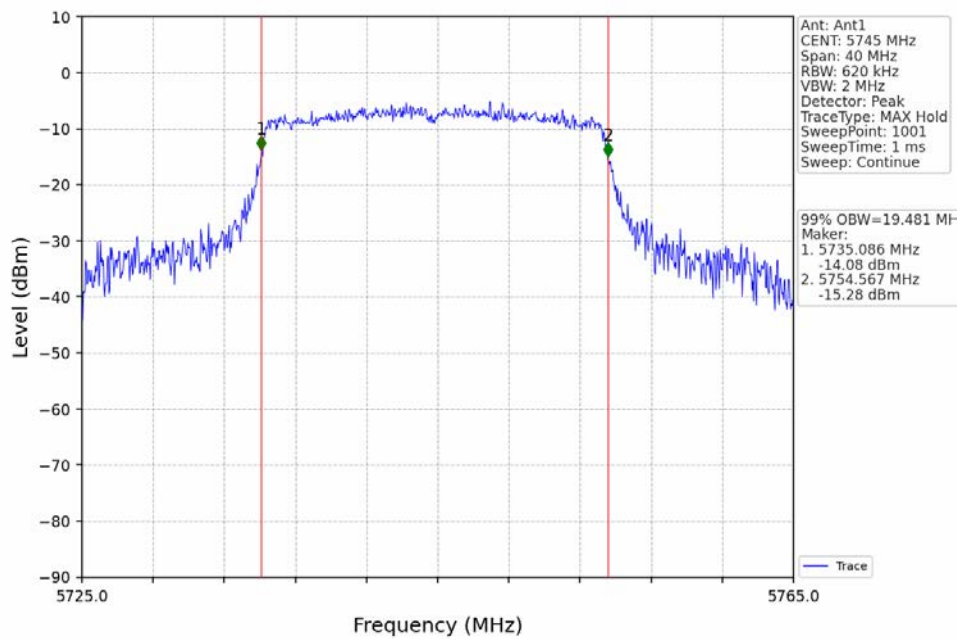
802.11ac(VHT40) HCH_5795MHz_Ant1_NTNV



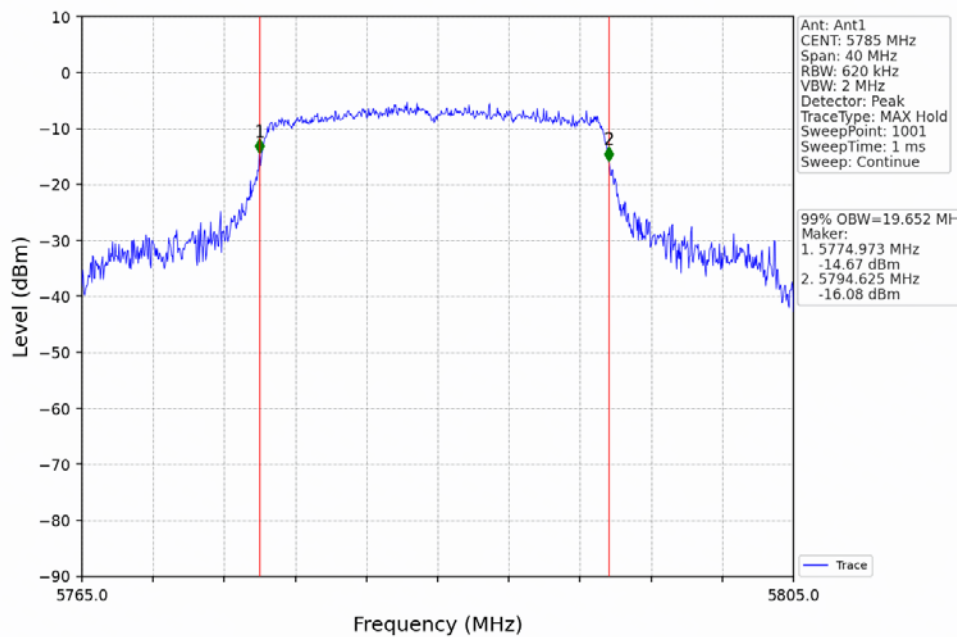
802.11ac(VHT80) MCH_5775MHz_Ant1_NTNV



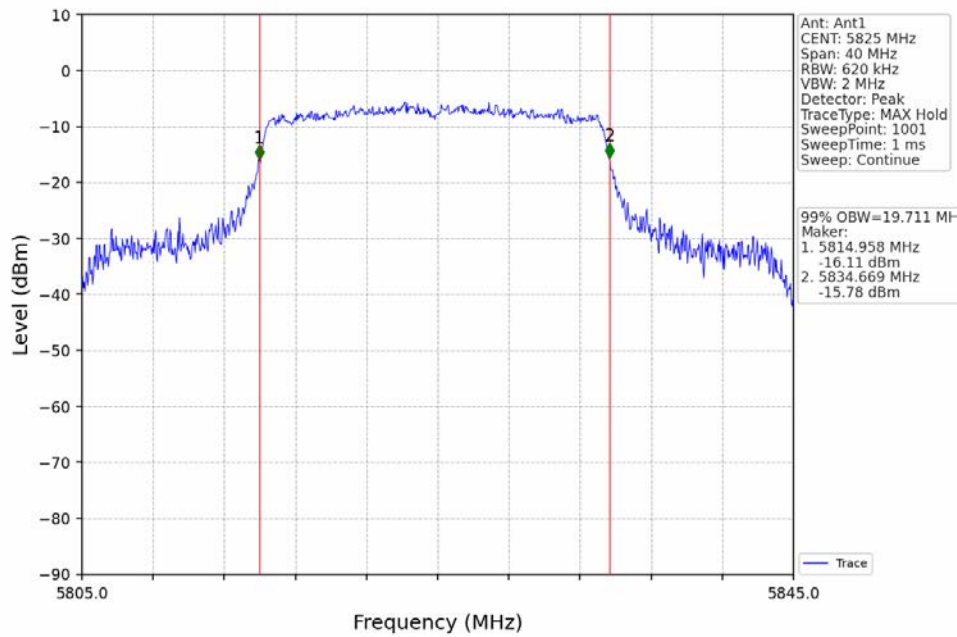
802.11ax(HEW20) LCH 5745MHz RU242 Left Ant1 NTN



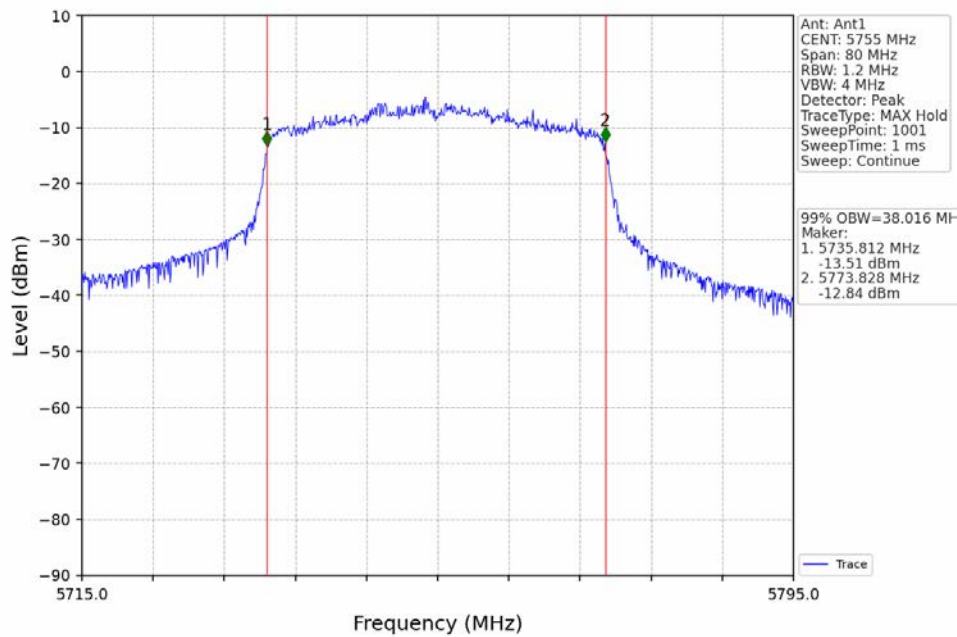
802.11ax(HEW20) MCH 5785MHz RU242 Left Ant1 NTN



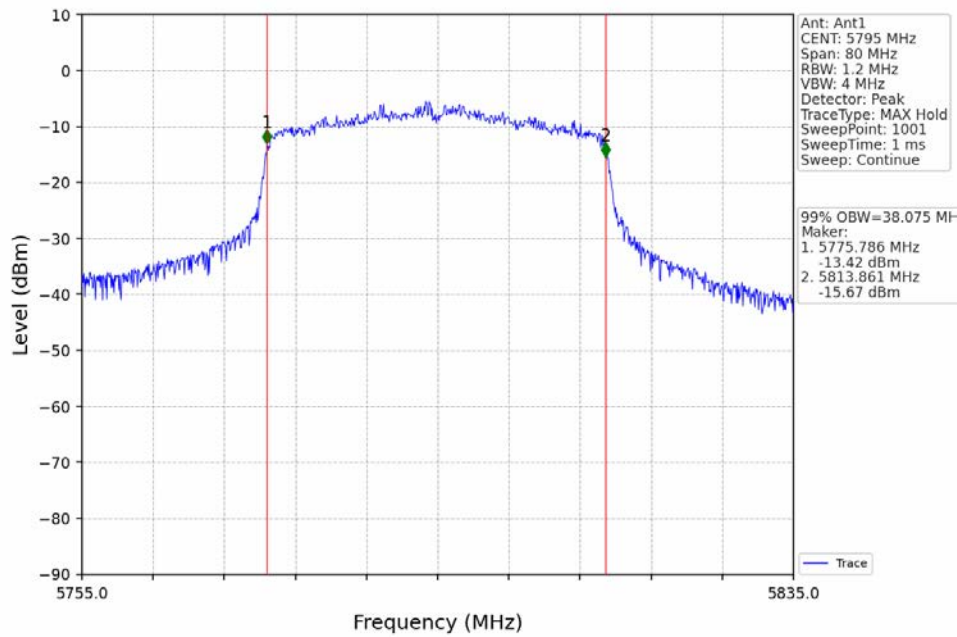
802.11ax(HEW20) HCH 5825MHz RU242 Left Ant1 NTN



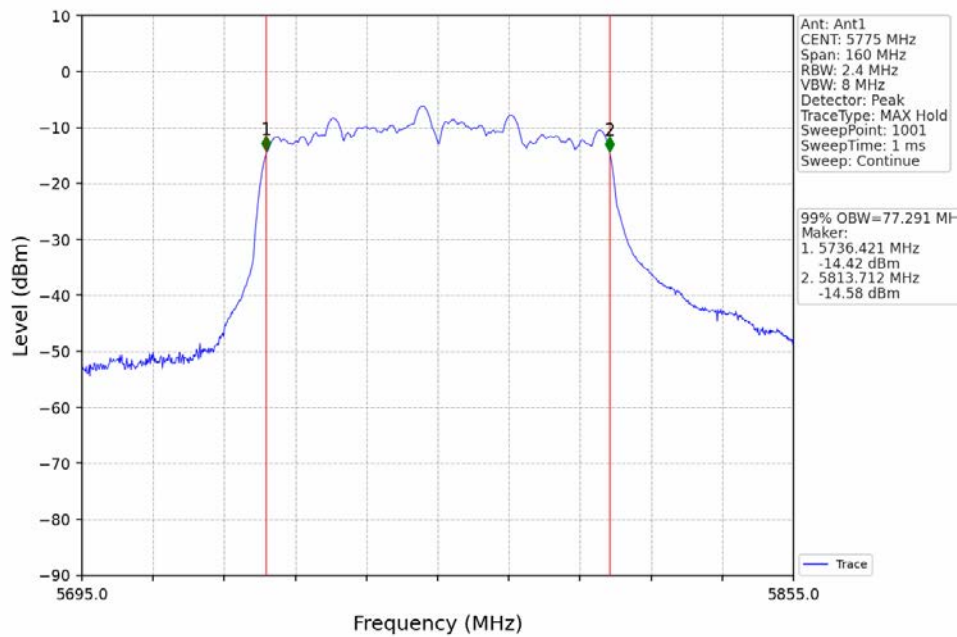
802.11ax(HEW40) LCH 5755MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5795MHz RU484 Left Ant1 NTN



802.11ax(HEW80) MCH 5775MHz RU996 Left Ant1 NTN

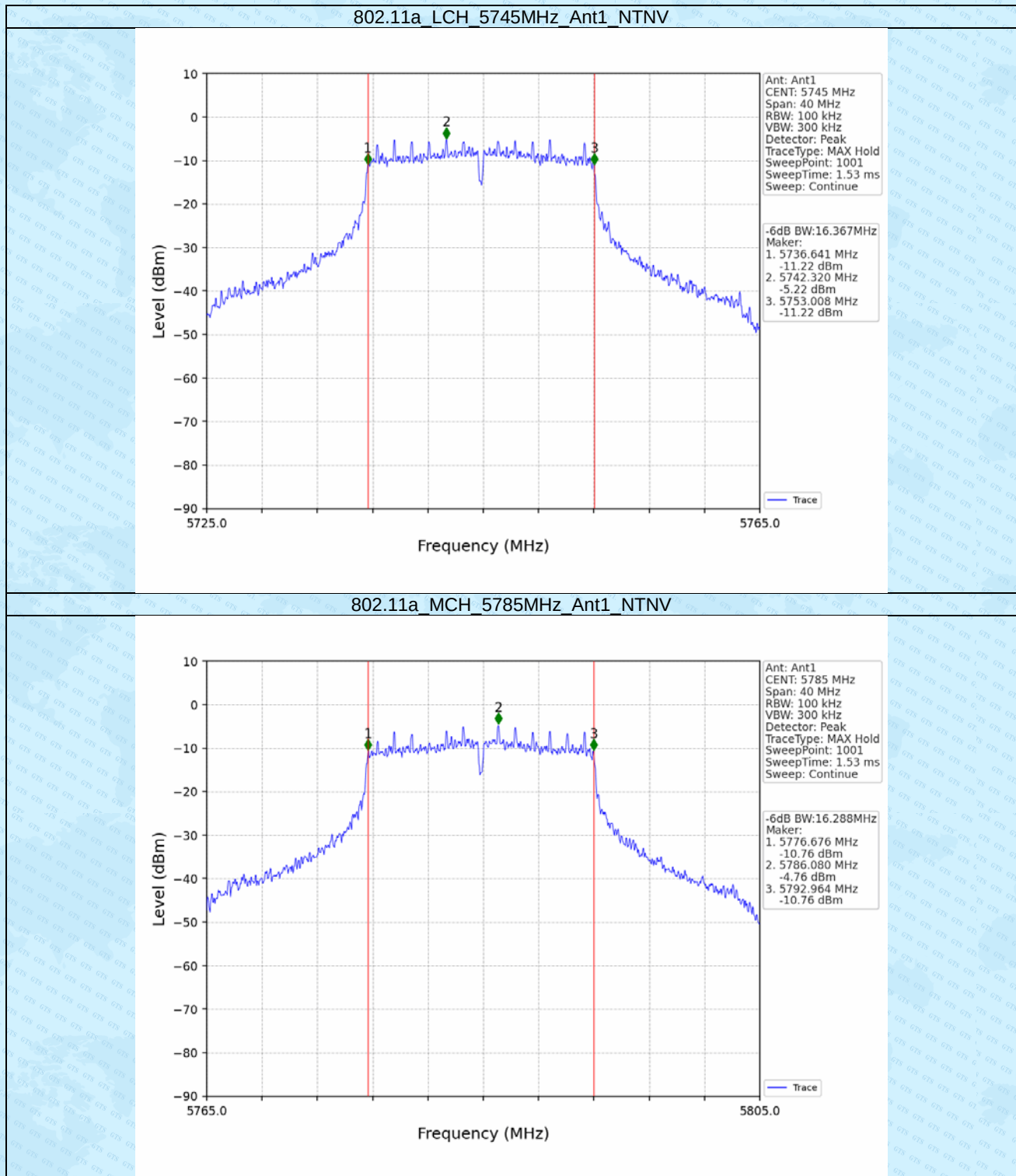


2.2 6dB BW

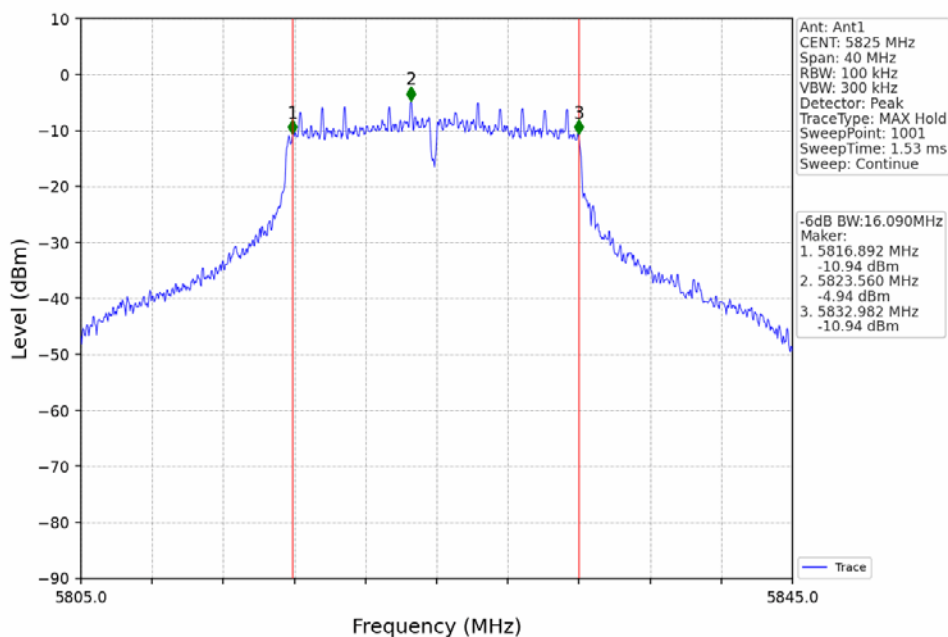
2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.367	>=0.5	Pass
		5785	/	/	1	16.288	>=0.5	Pass
		5825	/	/	1	16.090	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	16.931	>=0.5	Pass
		5785	/	/	1	16.929	>=0.5	Pass
		5825	/	/	1	17.269	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	35.088	>=0.5	Pass
		5795	/	/	1	35.087	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	16.940	>=0.5	Pass
		5785	/	/	1	17.034	>=0.5	Pass
		5825	/	/	1	16.938	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	35.077	>=0.5	Pass
		5795	/	/	1	35.087	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.119	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	18.892	>=0.5	Pass
		5785	RU242	Left	1	18.928	>=0.5	Pass
		5825	RU242	Left	1	19.039	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	35.143	>=0.5	Pass
		5795	RU484	Left	1	35.139	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	75.132	>=0.5	Pass

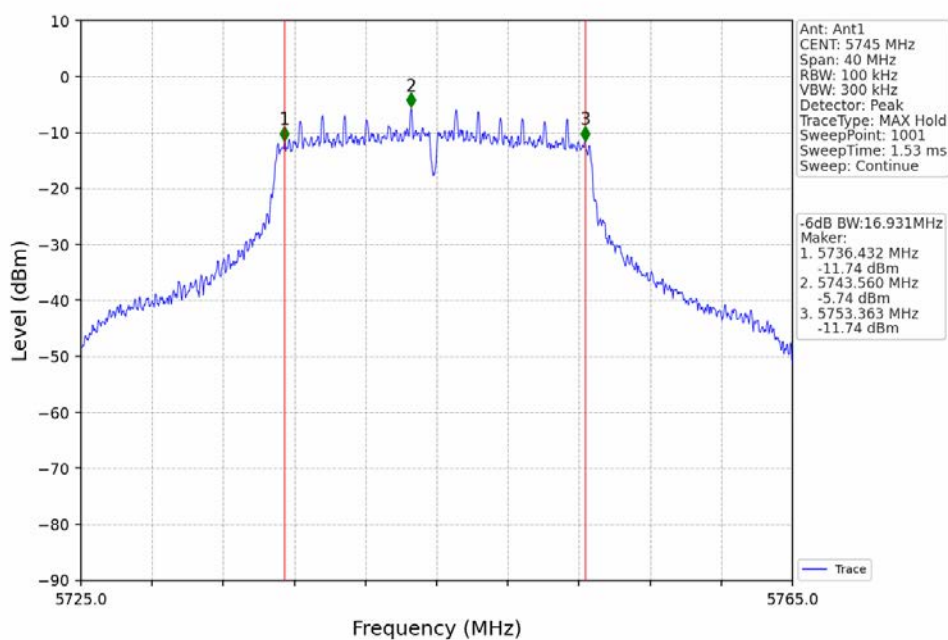
2.2.2 Test Graph



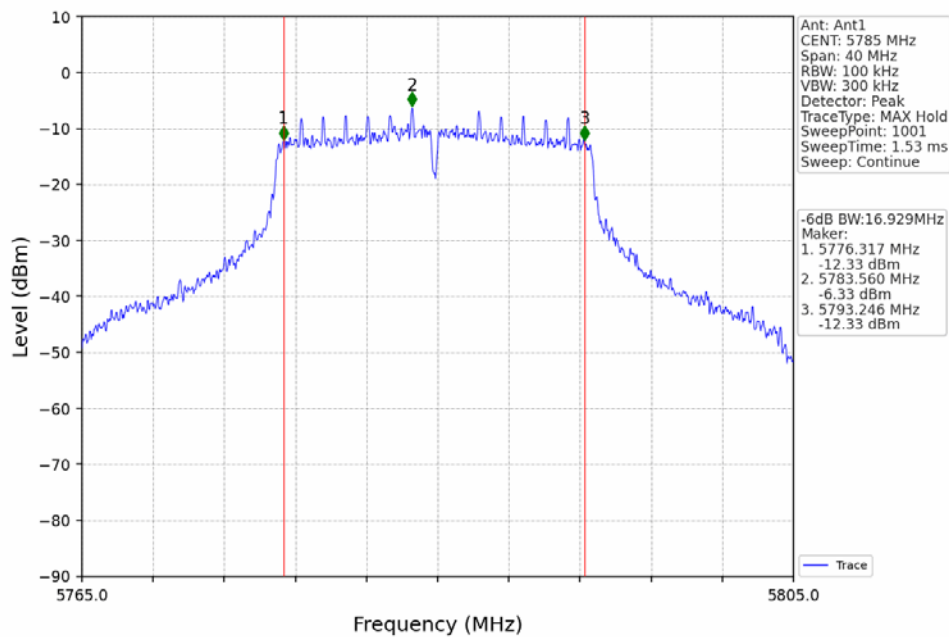
802.11a_HCH_5825MHz_Ant1_NTNV



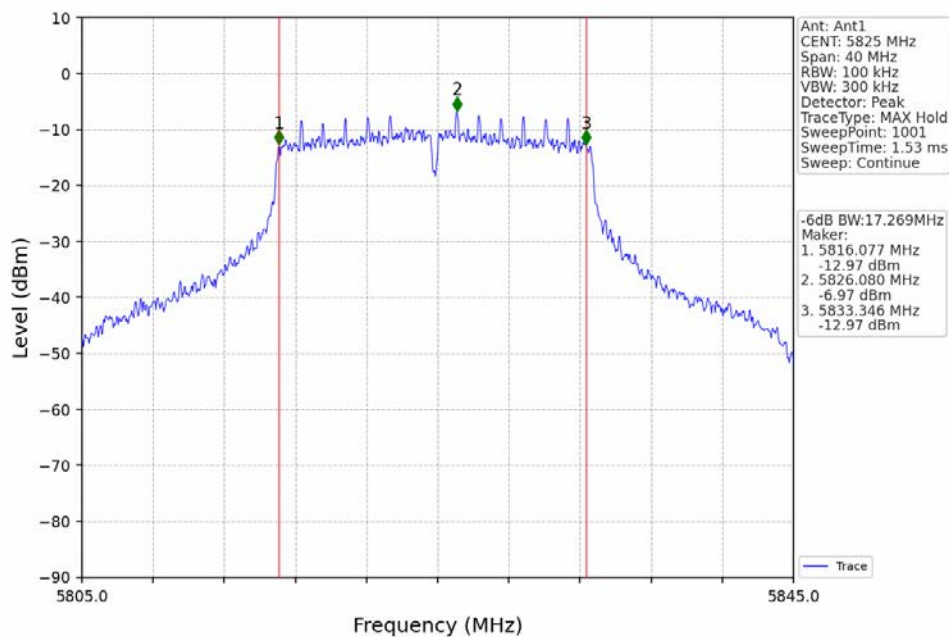
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



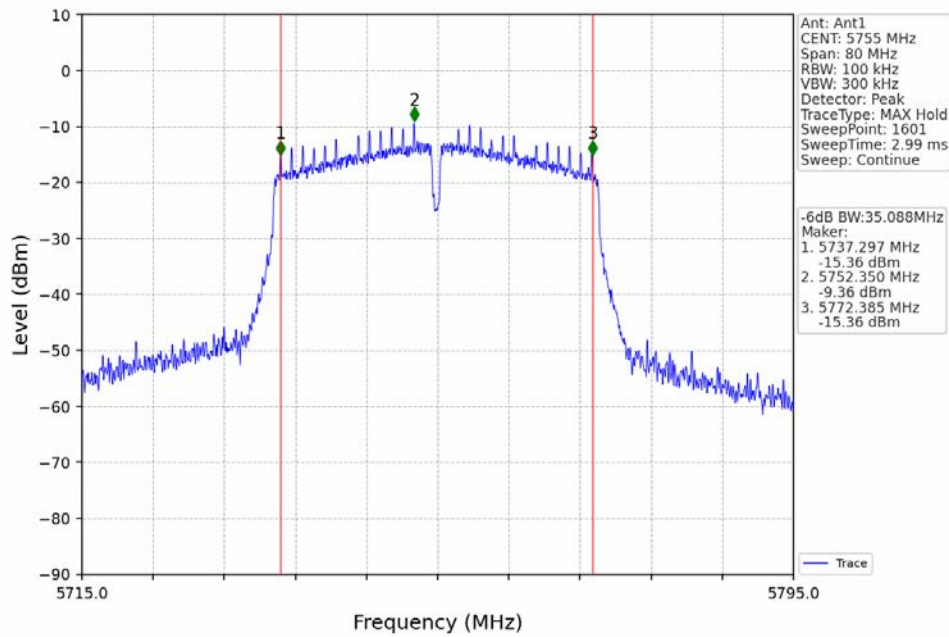
802.11n(HT20) MCH 5785MHz_Ant1_NTNV



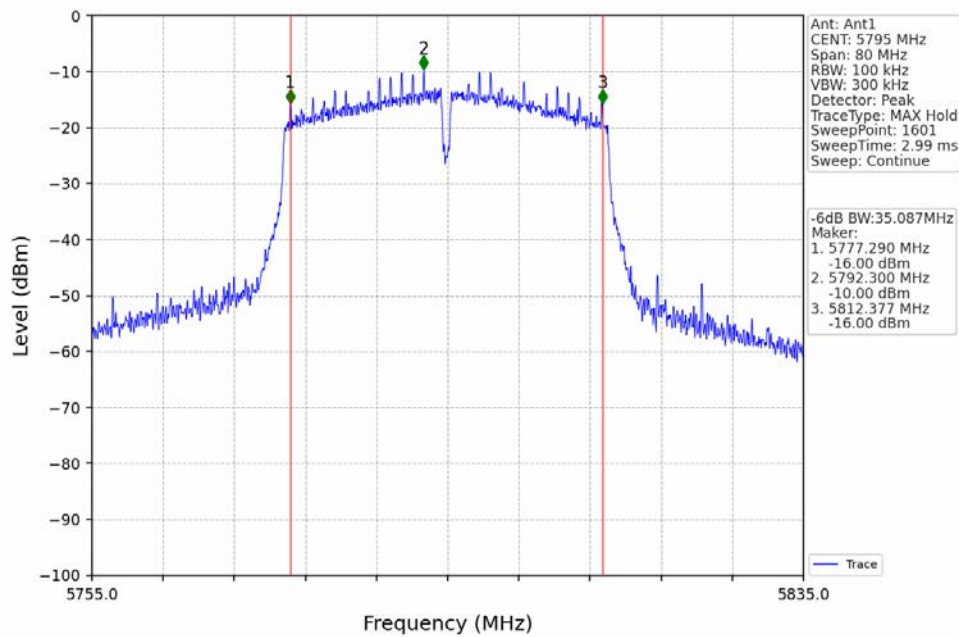
802.11n(HT20) HCH 5825MHz_Ant1_NTNV



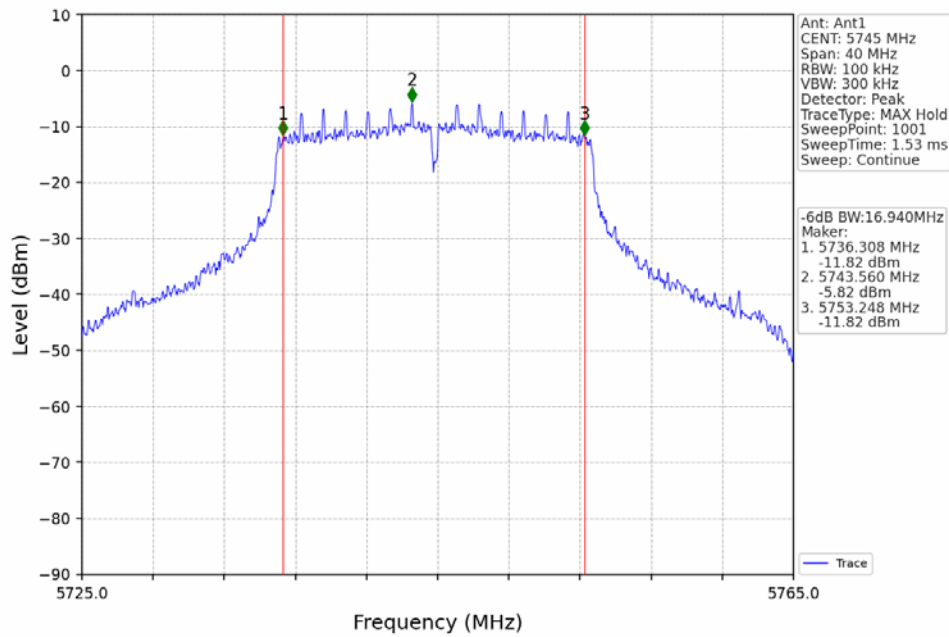
802.11n(HT40) LCH 5755MHz_Ant1_NTNV



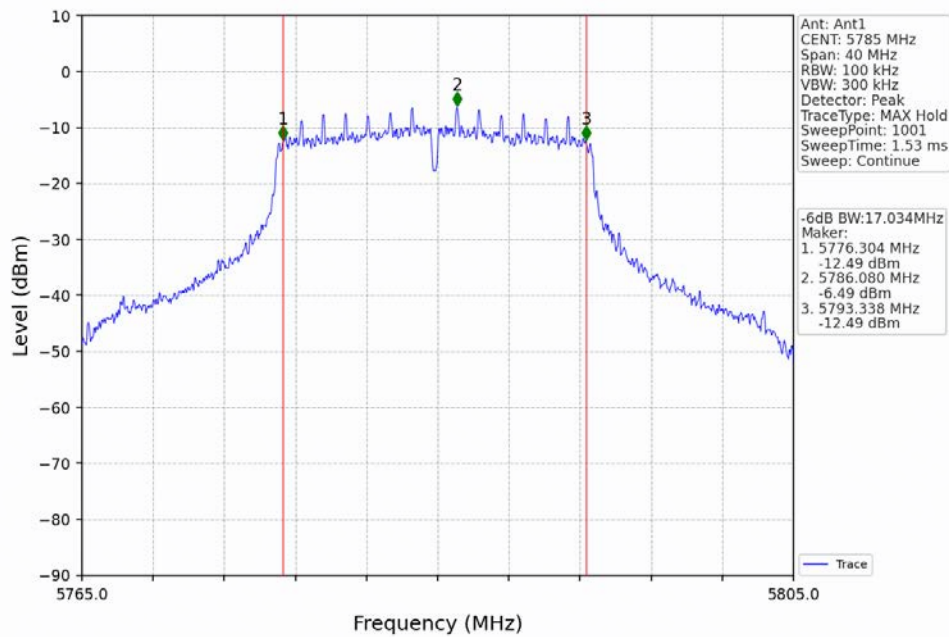
802.11n(HT40) HCH 5795MHz_Ant1_NTNV



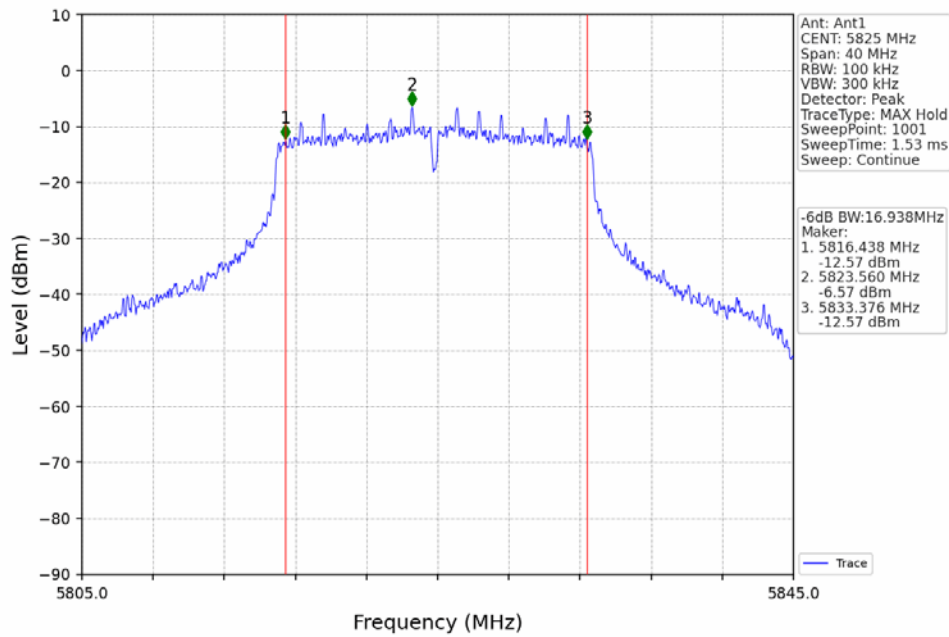
802.11ac(VHT20) LCH_5745MHz_Ant1_NTNV



802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20) HCH_5825MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5755MHz_Ant1_NTNV

