

1. Duty Cycle

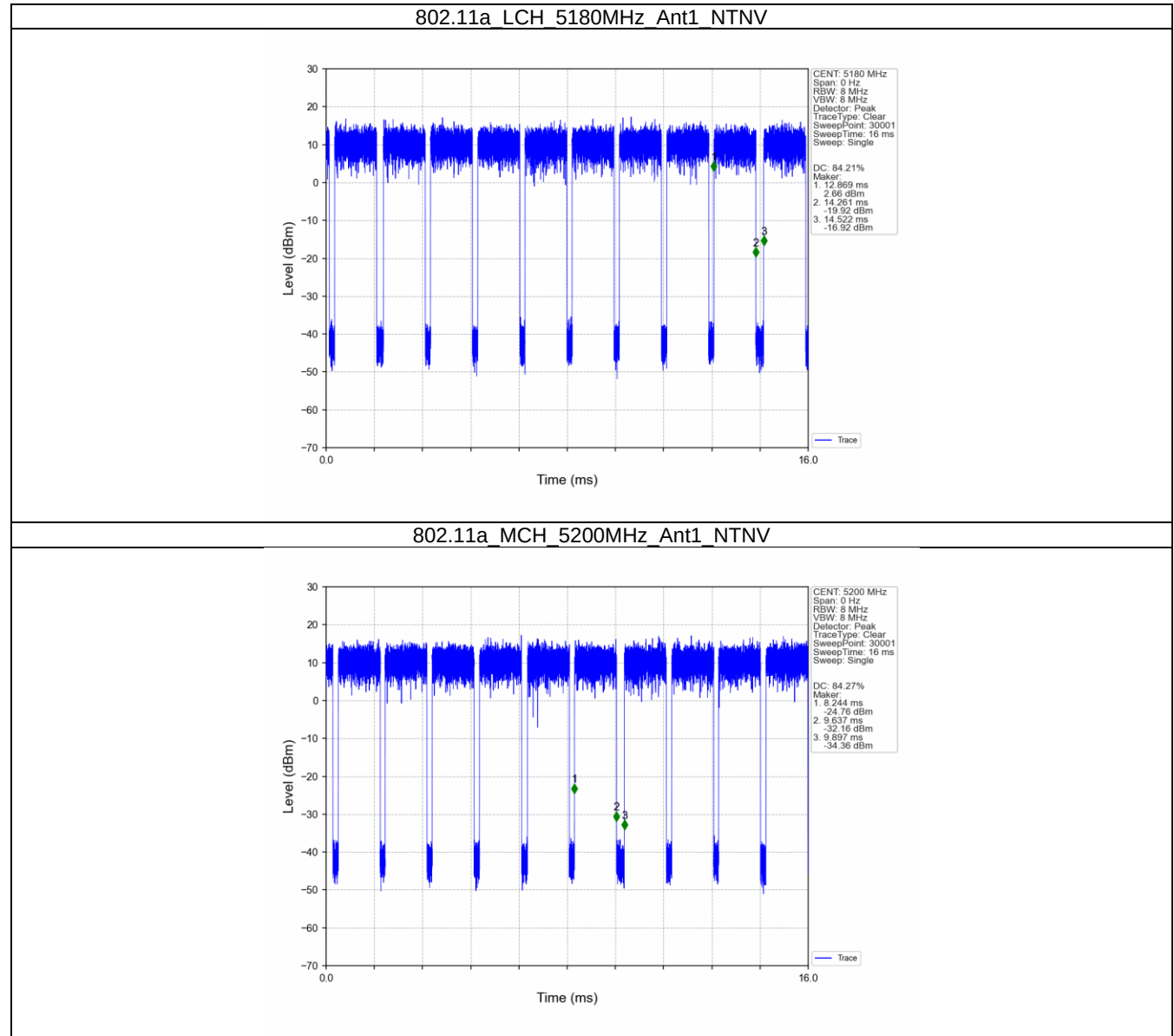
1.1 Test Result

1.1.1 Ant1

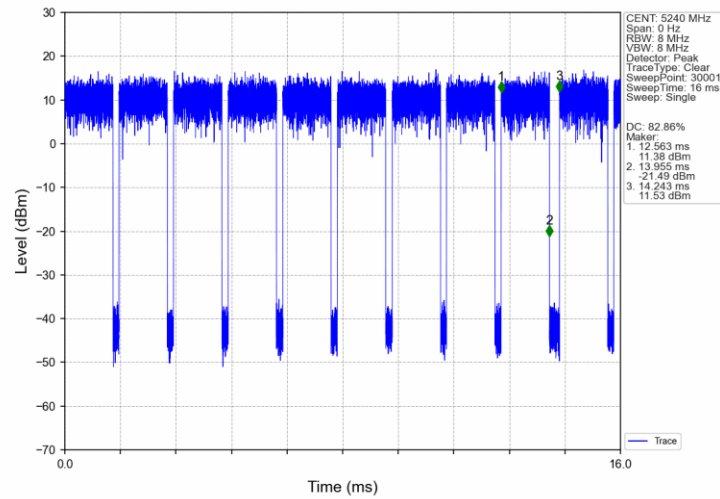
Ant1							
Mode	Tx Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.392	1.653	84.21	0.75	4.87
		5200	1.393	1.653	84.27	0.74	5.35
		5240	1.392	1.680	82.86	0.82	6.23
		5745	1.393	1.653	84.27	0.74	4.87
		5785	1.393	1.663	83.76	0.77	5.32
		5825	1.393	1.662	83.81	0.77	5.29
802.11n (HT20)	SISO	5180	1.175	1.471	79.88	0.98	7.48
		5200	1.174	1.453	80.80	0.93	6.51
		5240	1.175	1.462	80.37	0.95	6.96
		5745	1.175	1.426	82.40	0.84	4.97
		5785	1.175	1.372	85.64	0.67	1.72
		5825	1.174	1.381	85.01	0.71	2.31
802.11n (HT40)	SISO	5190	0.587	0.847	69.30	1.59	8.30
		5230	0.587	0.865	67.86	1.68	9.72
		5755	0.587	0.847	69.30	1.59	8.24
		5795	0.587	0.774	75.84	1.20	2.73
802.11ac (VHT20)	SISO	5180	1.185	1.365	86.81	0.61	1.17
		5200	1.185	1.428	82.98	0.81	4.43
		5240	1.185	1.437	82.46	0.84	4.97
		5745	1.186	1.473	80.52	0.94	6.95
		5785	1.186	1.473	80.52	0.94	6.93
		5825	1.186	1.365	86.89	0.61	0.60
802.11ac (VHT40)	SISO	5190	0.591	0.788	75.00	1.25	2.69
		5230	0.591	0.788	75.00	1.25	2.66
		5755	0.591	0.797	74.15	1.30	3.50
		5795	0.592	0.770	76.88	1.14	1.89
802.11ac (VHT80)	SISO	5210	0.302	0.502	60.16	2.21	5.95
		5775	0.295	0.548	53.83	2.69	9.37

1.2 Test Graph

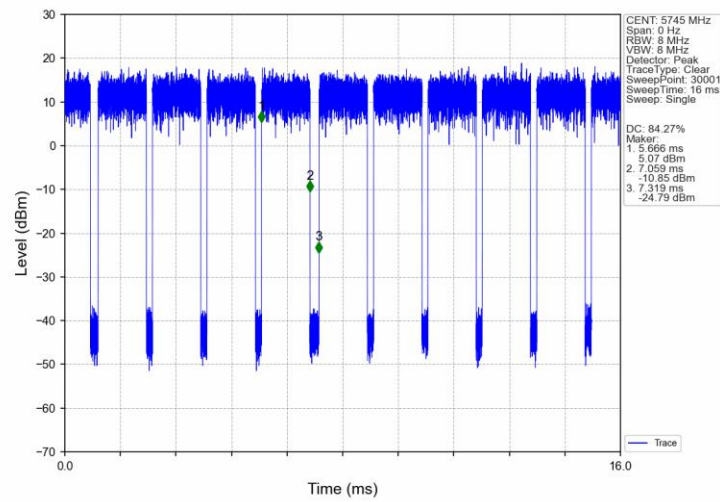
1.2.1 Ant1



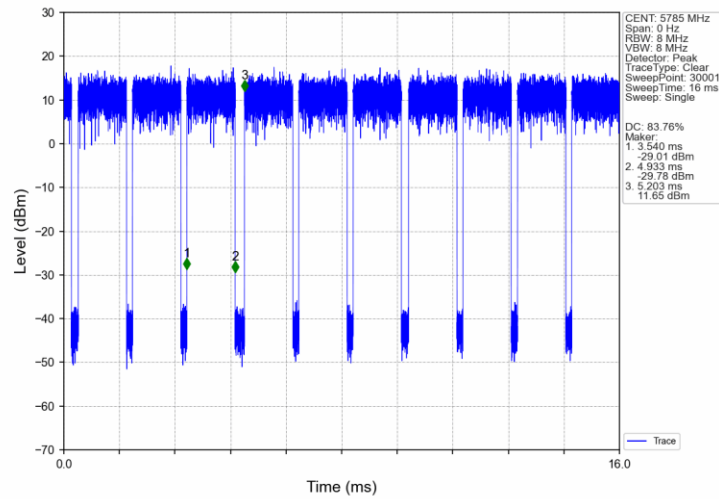
802.11a_HCH_5240MHz_Ant1_NTNV



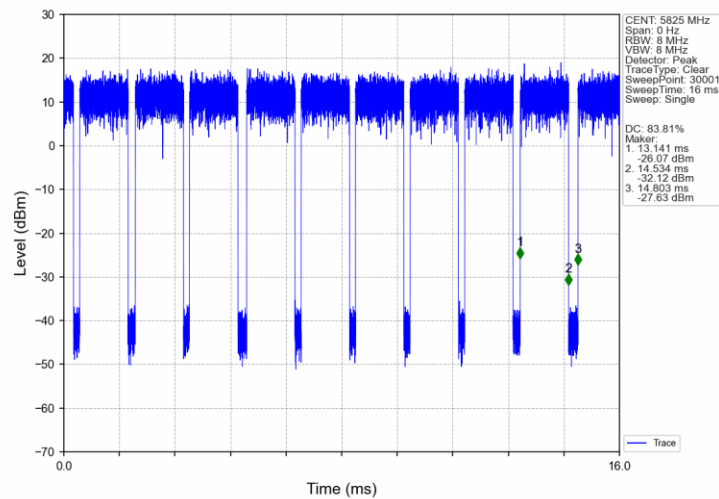
802.11a_LCH_5745MHz_Ant1_NTNV



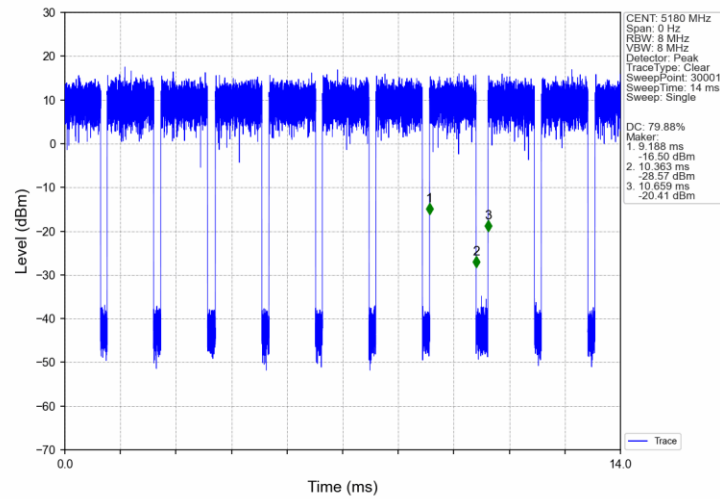
802.11a_MCH_5785MHz_Ant1_NTNV



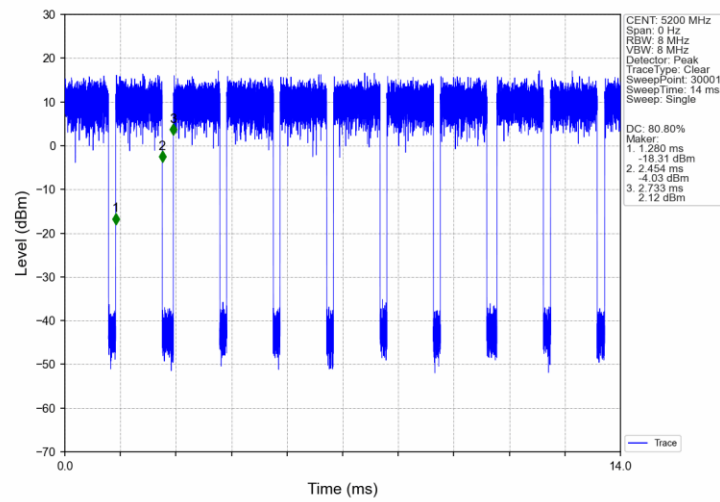
802.11a_HCH_5825MHz_Ant1_NTNV



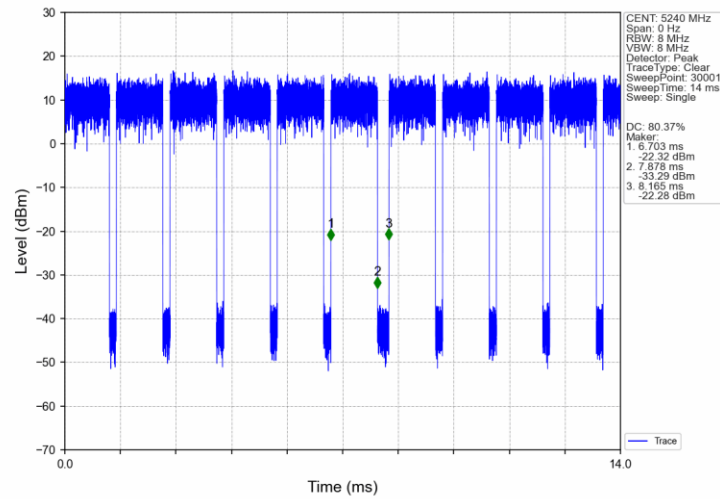
802.11n(HT20) LCH 5180MHz Ant1 NTN



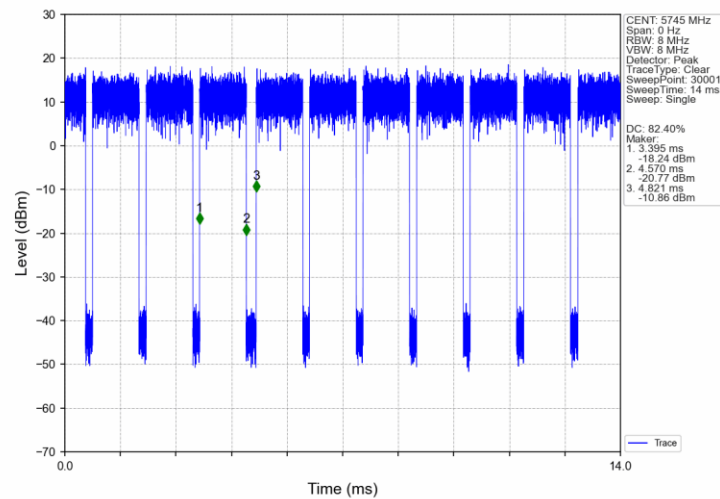
802.11n(HT20) MCH 5200MHz Ant1 NTN



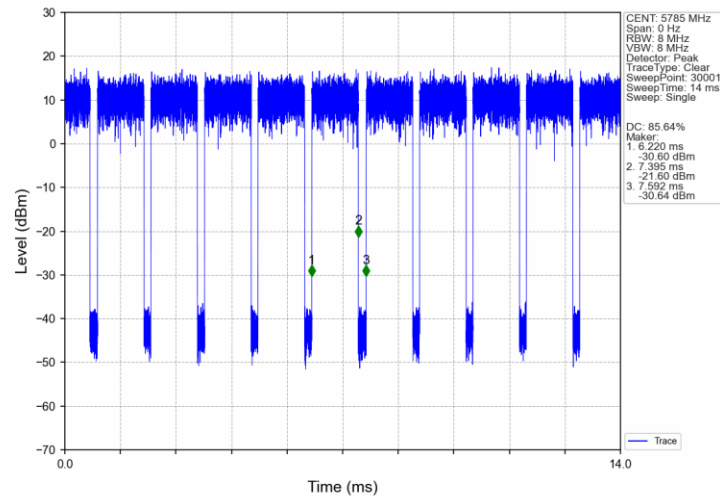
802.11n(HT20) HCH 5240MHz Ant1 NTN



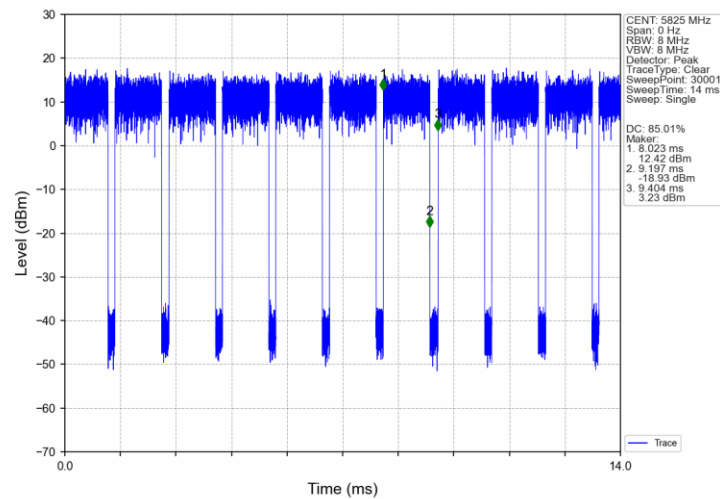
802.11n(HT20) LCH 5745MHz Ant1 NTN



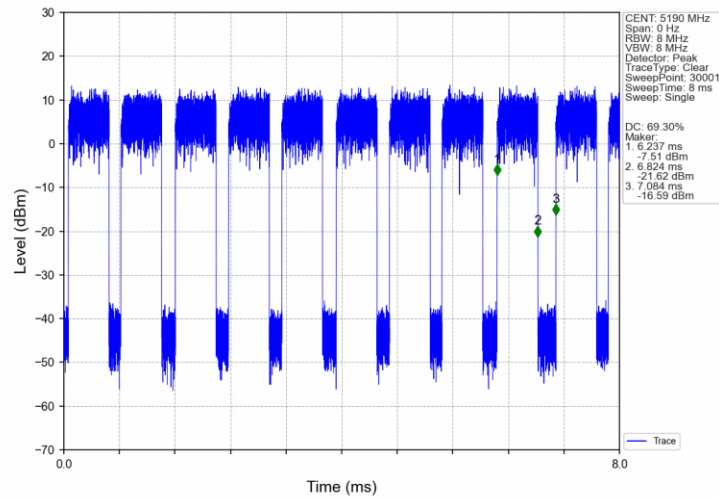
802.11n(HT20) MCH 5785MHz Ant1 NTN



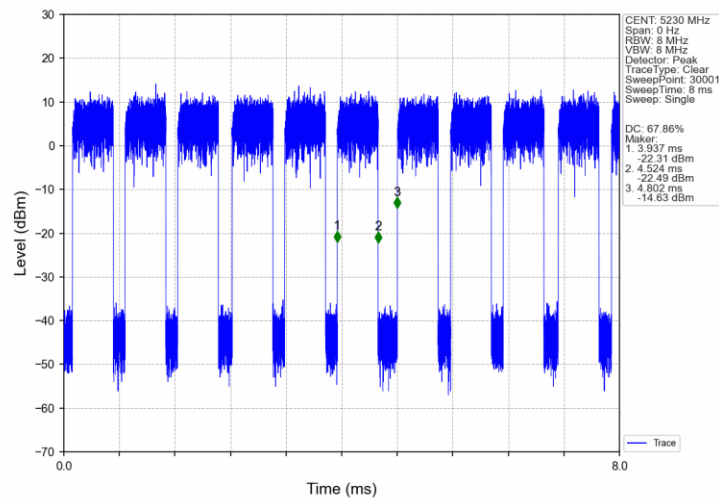
802.11n(HT20) HCH 5825MHz Ant1 NTN



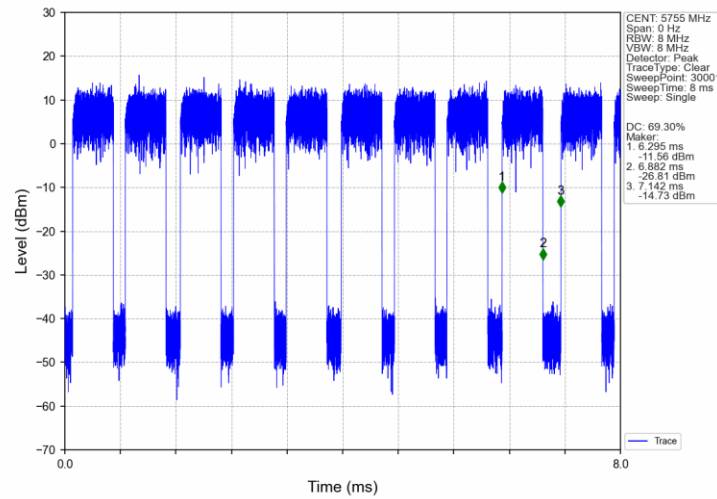
802.11n(HT40) LCH 5190MHz Ant1 NTN



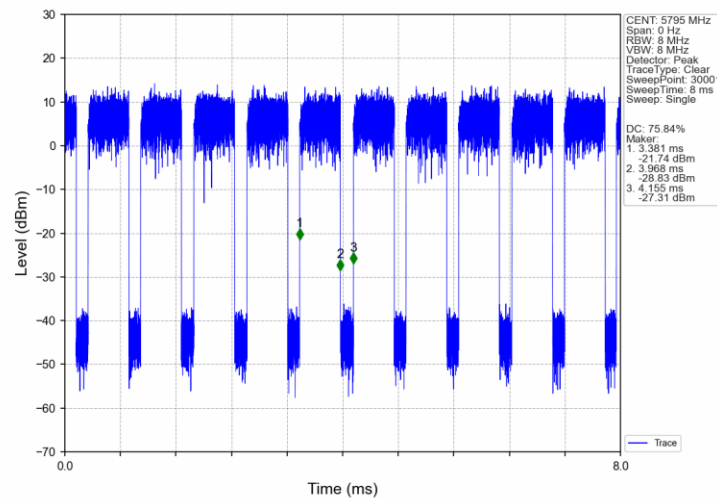
802.11n(HT40) HCH 5230MHz Ant1 NTN



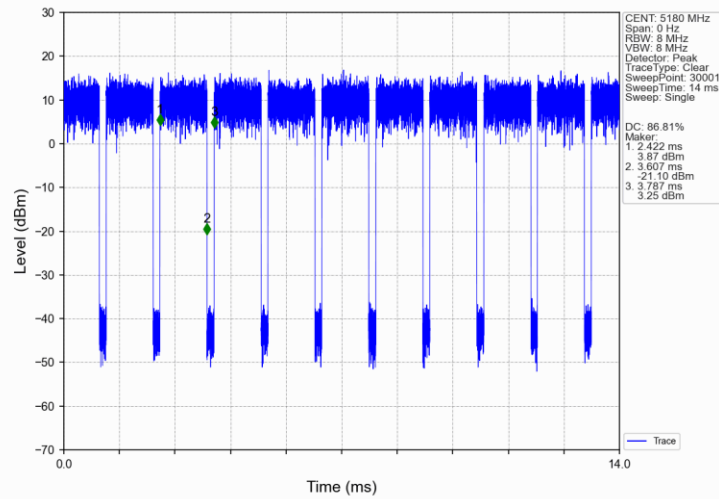
802.11n(HT40) LCH 5755MHz Ant1 NTN



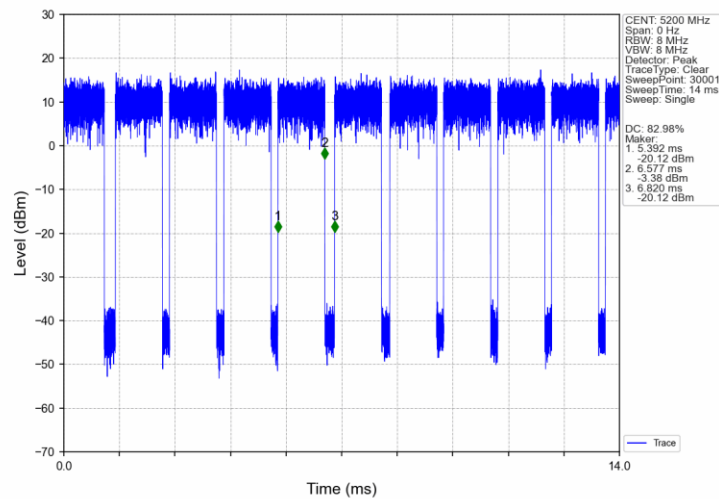
802.11n(HT40)_HCH 5795MHz_Ant1 NTN



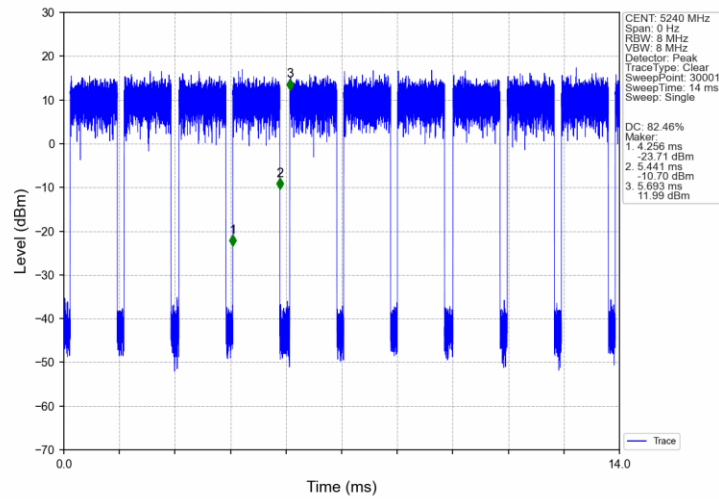
802.11ac(VHT20) LCH 5180MHz_Ant1_NTNV



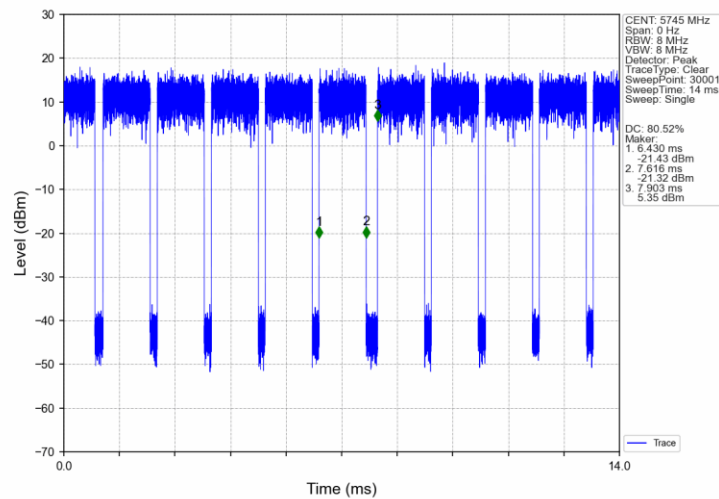
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



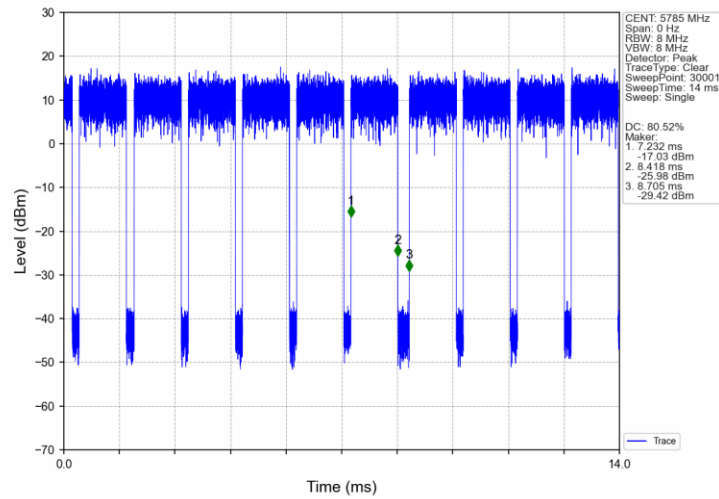
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



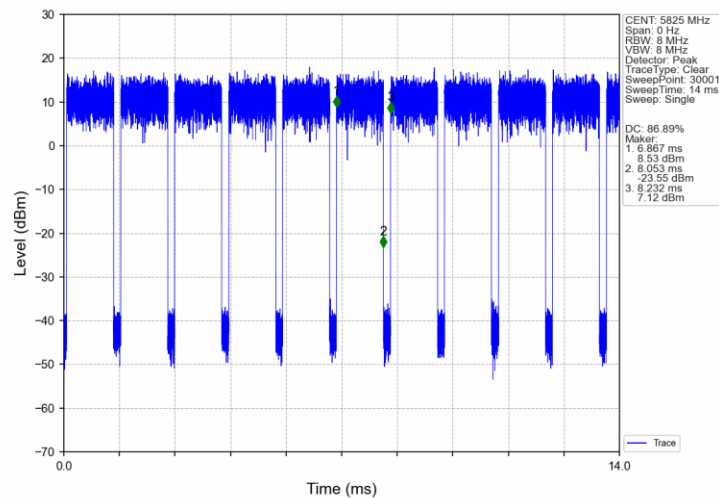
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



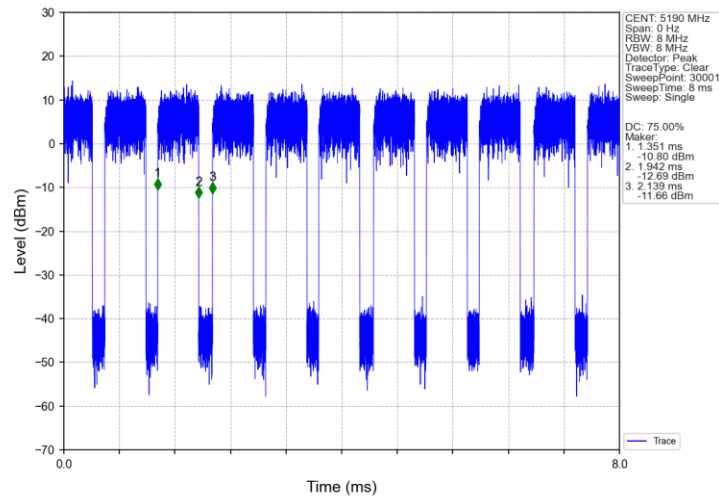
802.11ac(VHT20) MCH 5785MHz_Ant1_NTNV



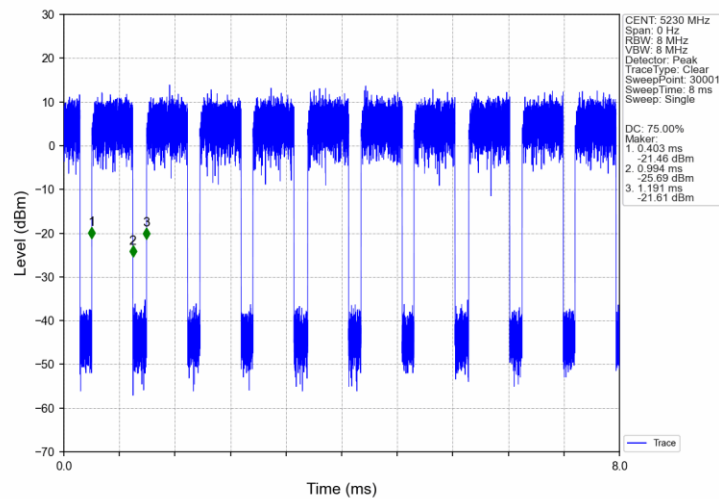
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



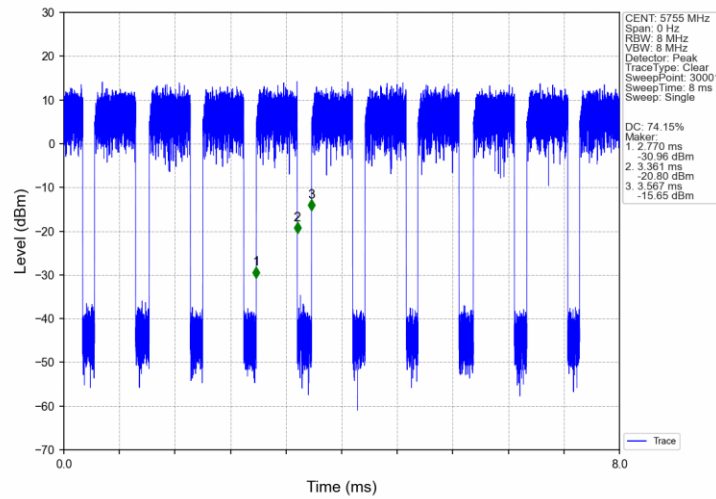
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



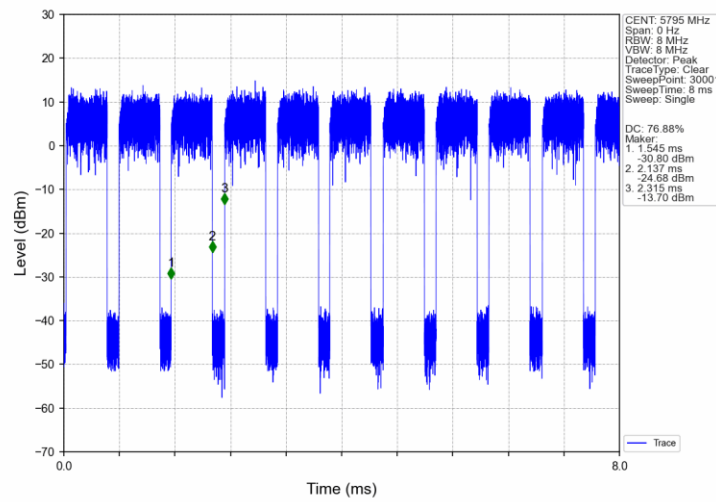
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



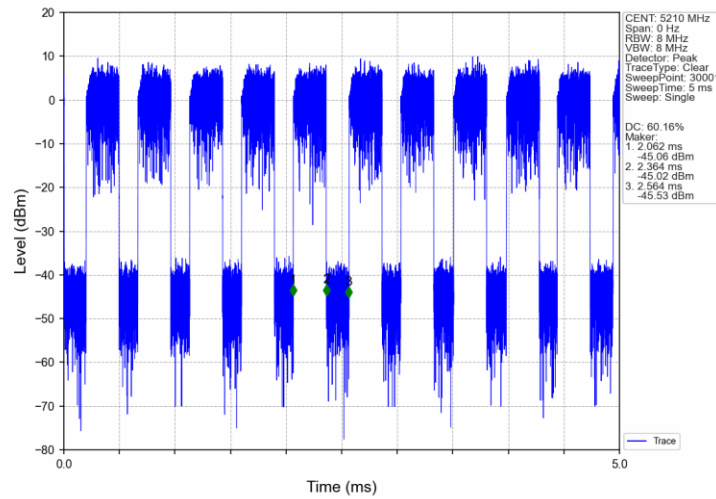
802.11ac(VHT40) LCH 5755MHz_Ant1_NTNV



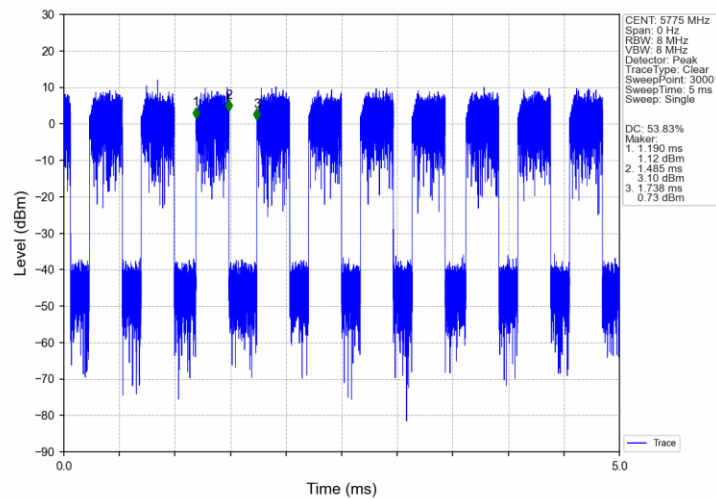
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ac(VHT80) MCH 5210MHz_Ant1_NTNV



802.11ac(VHT80) MCH 5775MHz_Ant1_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	17.885	/	Pass
		5200	1	17.858	/	Pass
		5240	1	17.859	/	Pass
		5745	1	17.924	/	Pass
		5785	1	17.804	/	Pass
		5825	1	17.663	/	Pass
802.11n (HT20)	SISO	5180	1	19.182	/	Pass
		5200	1	19.198	/	Pass
		5240	1	19.403	/	Pass
		5745	1	19.293	/	Pass
		5785	1	19.319	/	Pass
		5825	1	19.090	/	Pass
802.11n (HT40)	SISO	5190	1	37.772	/	Pass
		5230	1	37.823	/	Pass
		5755	1	37.914	/	Pass
		5795	1	38.139	/	Pass
802.11ac (VHT20)	SISO	5180	1	18.379	/	Pass
		5200	1	18.352	/	Pass
		5240	1	18.377	/	Pass
		5745	1	18.364	/	Pass
		5785	1	18.400	/	Pass
		5825	1	18.400	/	Pass
802.11ac (VHT40)	SISO	5190	1	37.542	/	Pass
		5230	1	37.576	/	Pass
		5755	1	37.631	/	Pass
		5795	1	37.688	/	Pass
802.11ac (VHT80)	SISO	5210	1	76.073	/	Pass
		5775	1	76.399	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.436	≥ 0.5	Pass
		5785	1	16.417	≥ 0.5	Pass
		5825	1	16.403	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	17.429	≥ 0.5	Pass
		5785	1	17.353	≥ 0.5	Pass
		5825	1	17.432	≥ 0.5	Pass
802.11n (HT40)	SISO	5755	1	36.295	≥ 0.5	Pass
		5795	1	36.169	≥ 0.5	Pass
802.11ac (VHT20)	SISO	5745	1	17.432	≥ 0.5	Pass
		5785	1	17.434	≥ 0.5	Pass
		5825	1	17.442	≥ 0.5	Pass
802.11ac (VHT40)	SISO	5755	1	36.401	≥ 0.5	Pass
		5795	1	36.183	≥ 0.5	Pass



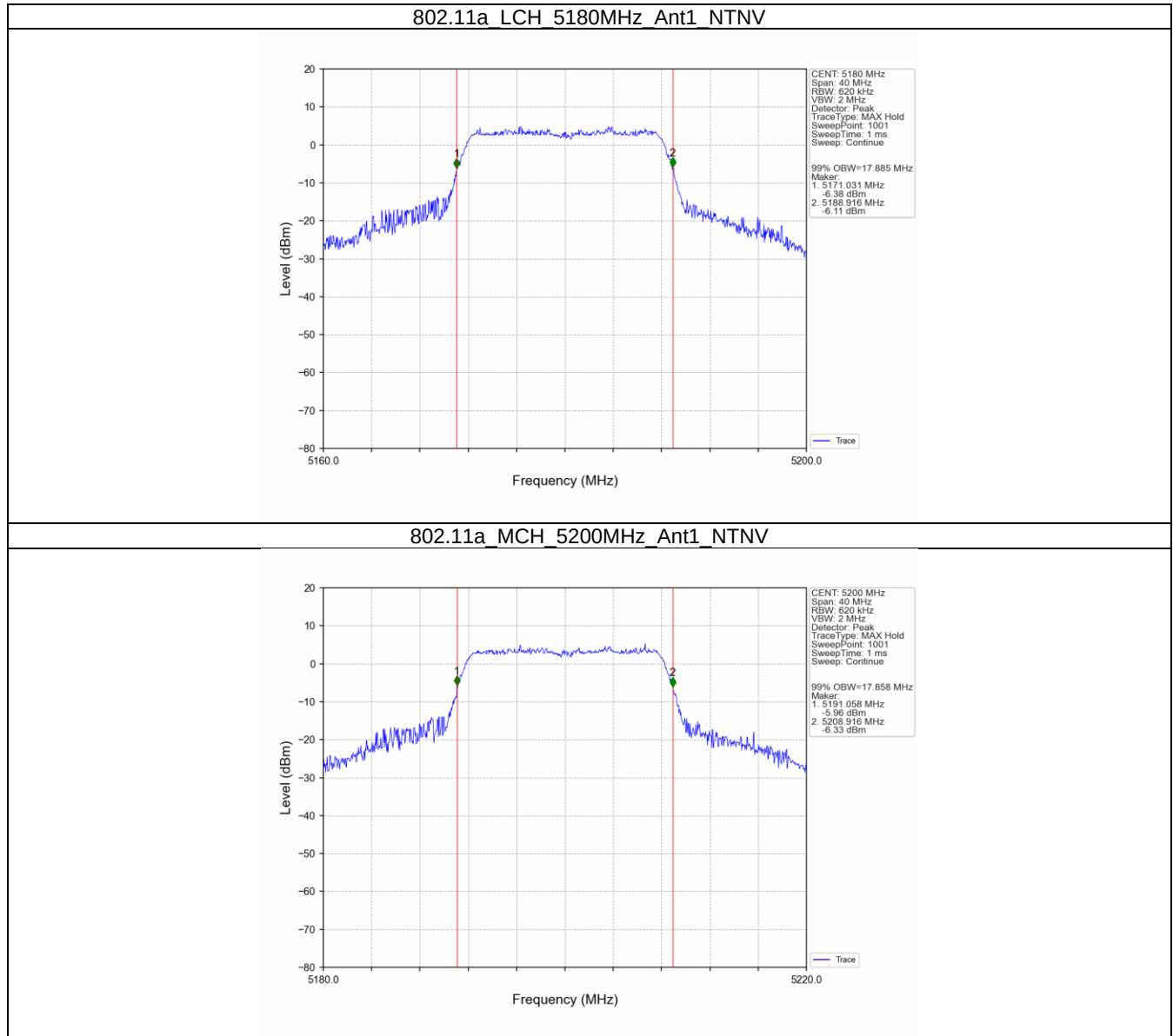
802.11ac (VHT80)	SISO	5775	1	75.948	≥ 0.5	Pass
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2.1.3 26dB BW

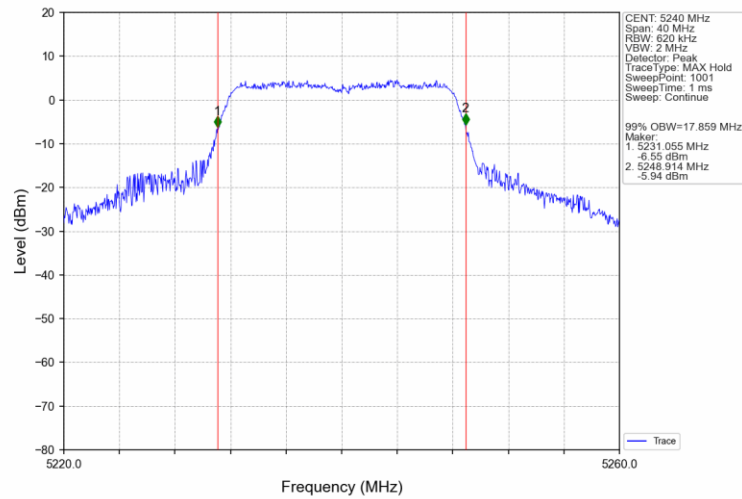
Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	25.046	/	Pass
		5200	1	25.866	/	Pass
		5240	1	27.356	/	Pass
802.11n (HT20)	SISO	5180	1	29.141	/	Pass
		5200	1	28.746	/	Pass
		5240	1	29.501	/	Pass
802.11n (HT40)	SISO	5190	1	50.239	/	Pass
		5230	1	60.443	/	Pass
802.11ac (VHT20)	SISO	5180	1	29.303	/	Pass
		5200	1	28.279	/	Pass
		5240	1	30.191	/	Pass
802.11ac (VHT40)	SISO	5190	1	61.359	/	Pass
		5230	1	60.996	/	Pass
802.11ac (VHT80)	SISO	5210	1	83.248	/	Pass

2.2 Test Graph

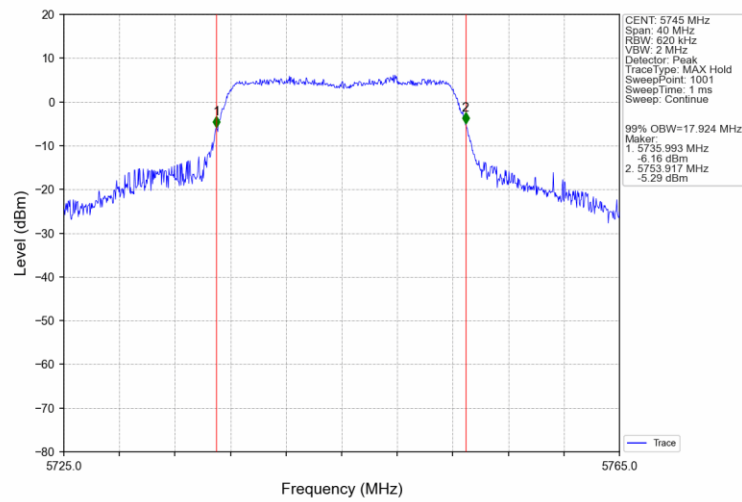
2.2.1 OBW



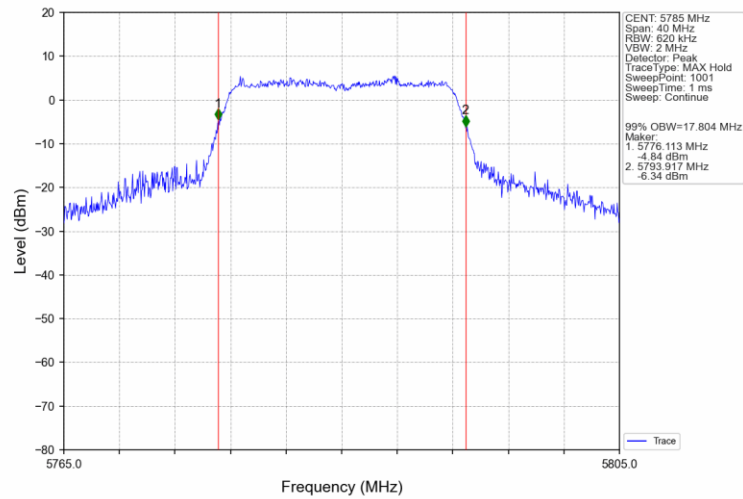
802.11a_HCH_5240MHz_Ant1_NTNV



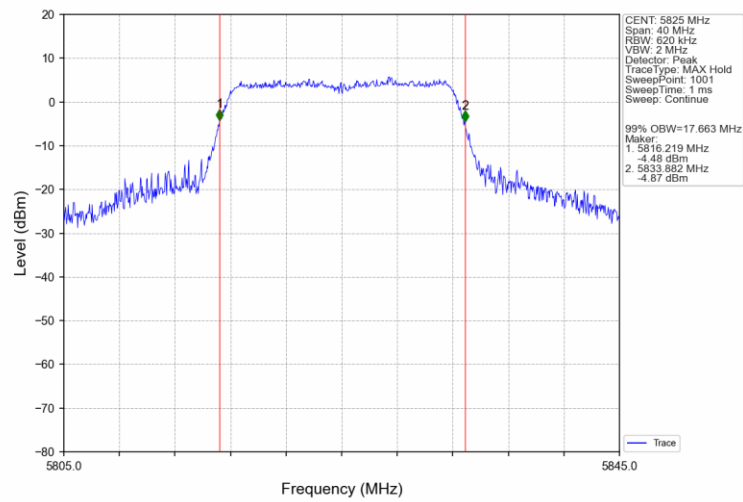
802.11a_LCH_5745MHz_Ant1_NTNV



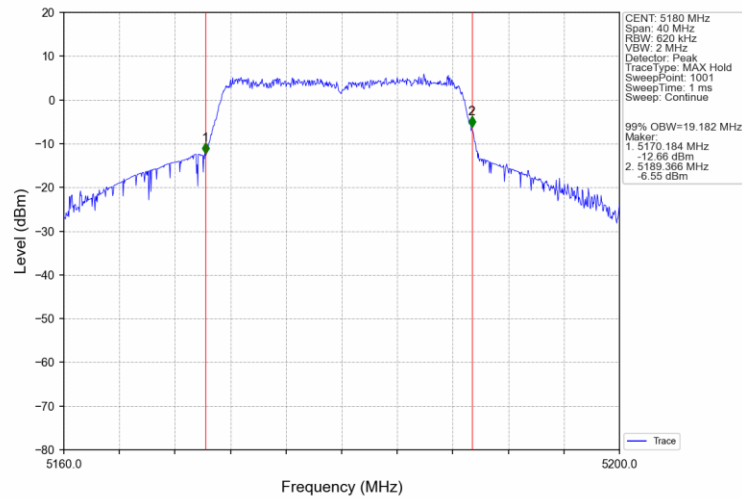
802.11a_MCH_5785MHz_Ant1_NTNV



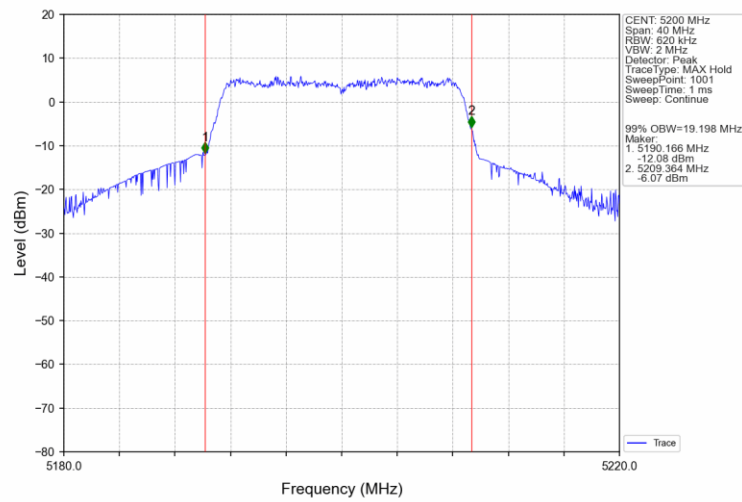
802.11a_HCH_5825MHz_Ant1_NTNV



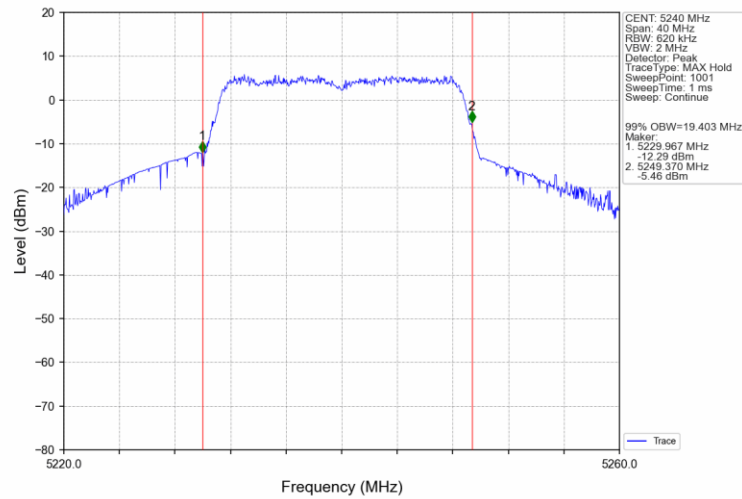
802.11n(HT20) LCH 5180MHz Ant1 NTN



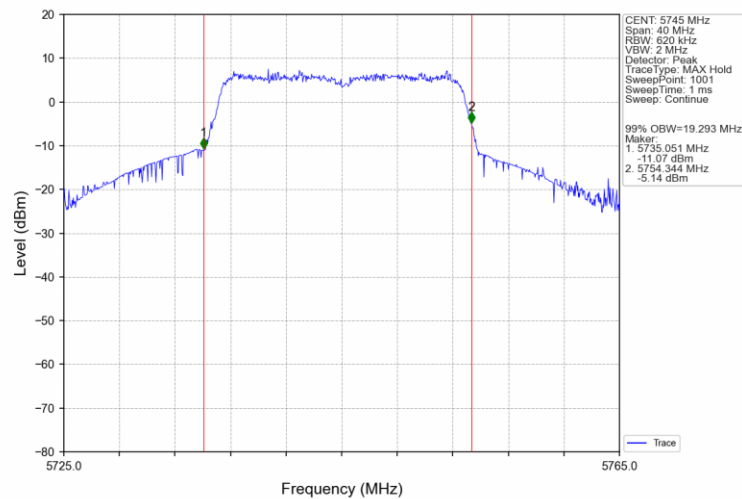
802.11n(HT20) MCH 5200MHz Ant1 NTN



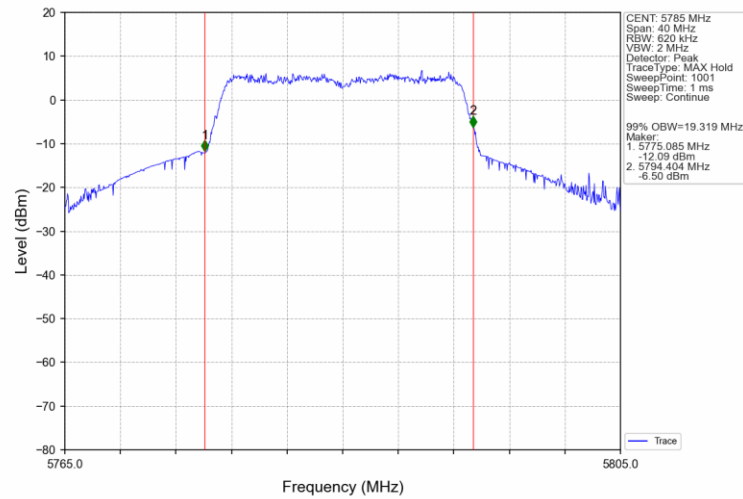
802.11n(HT20) HCH 5240MHz Ant1 NTNv



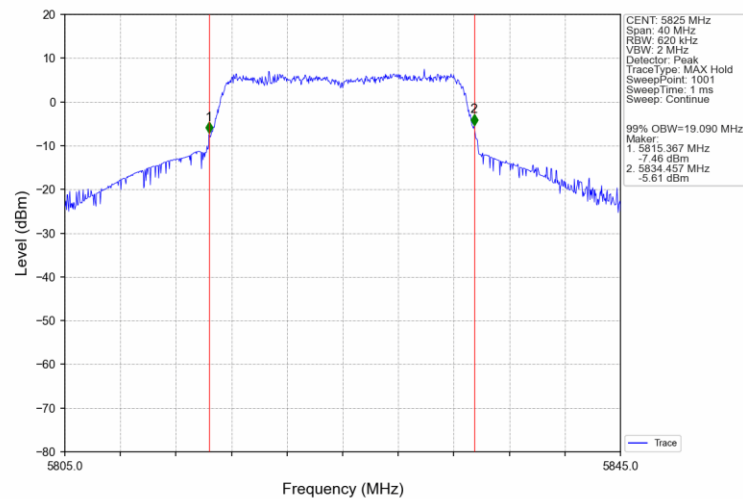
802.11n(HT20) LCH 5745MHz Ant1 NTNv



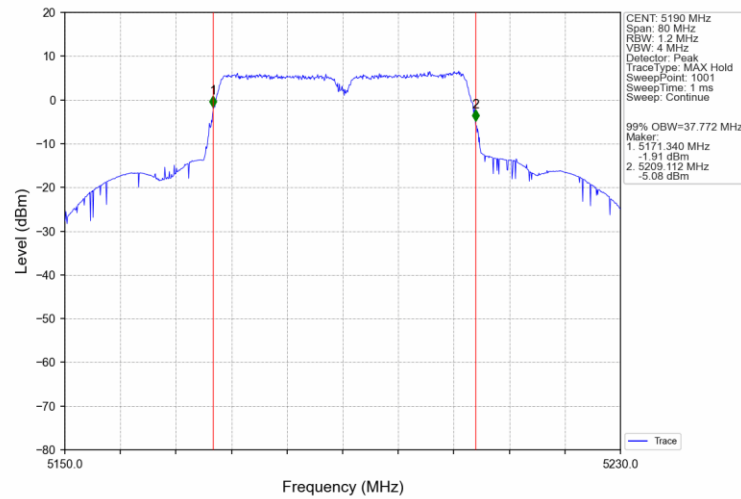
802.11n(HT20) MCH 5785MHz Ant1 NTNv



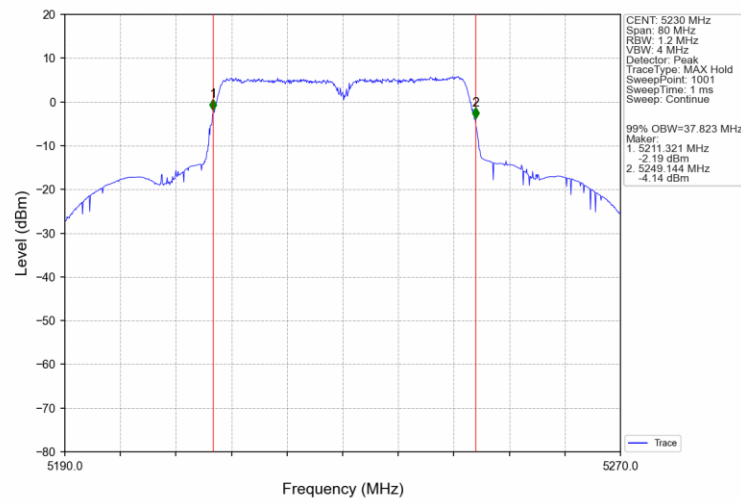
802.11n(HT20) HCH 5825MHz Ant1 NTNv



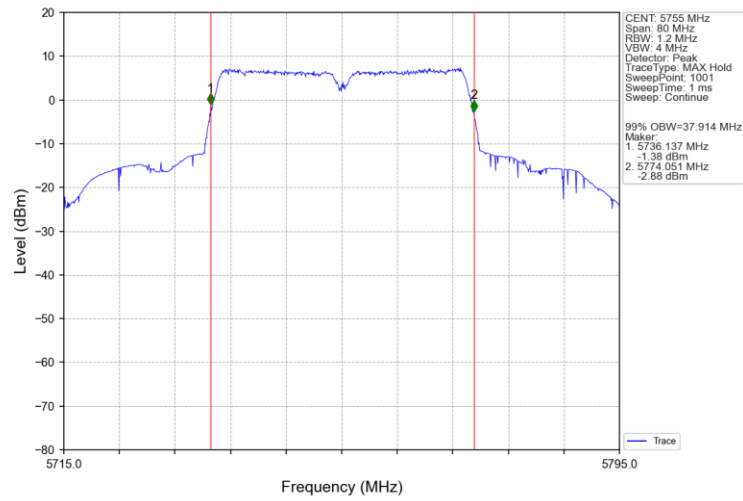
802.11n(HT40) LCH 5190MHz Ant1 NTN



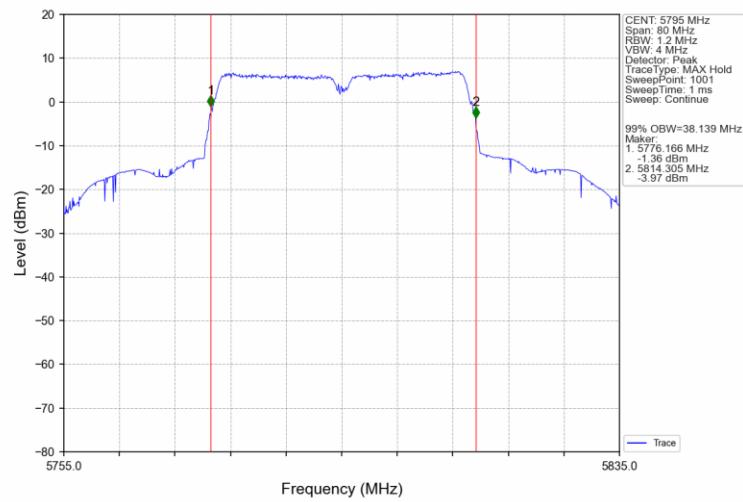
802.11n(HT40) HCH 5230MHz Ant1 NTN



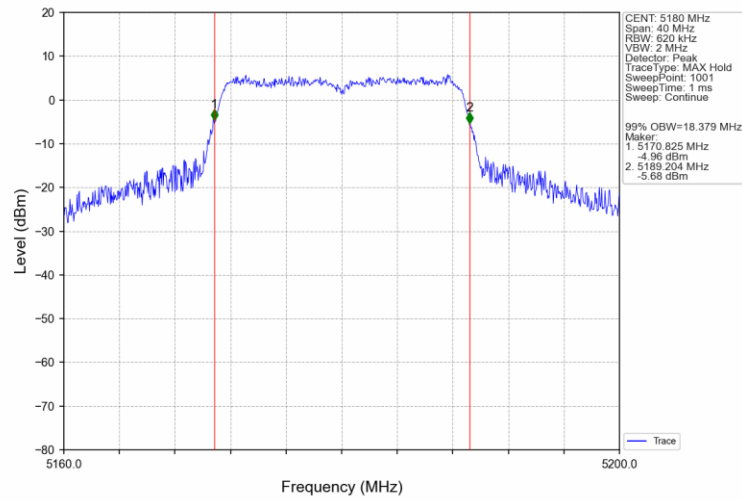
802.11n(HT40) LCH 5755MHz Ant1 NTN



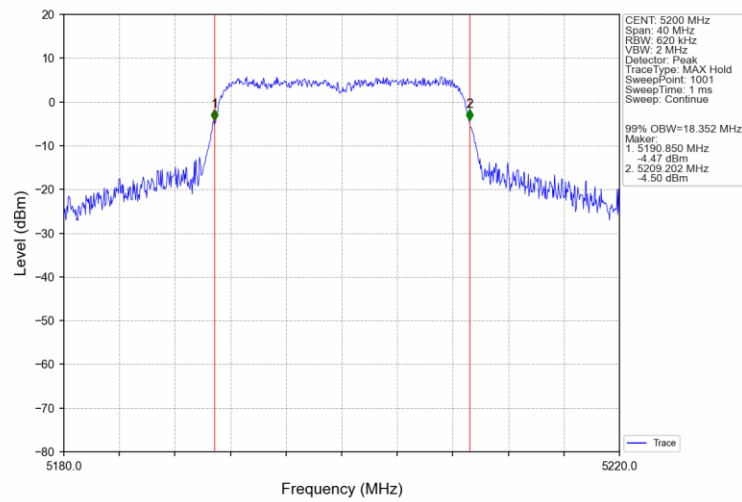
802.11n(HT40) HCH 5795MHz Ant1 NTN



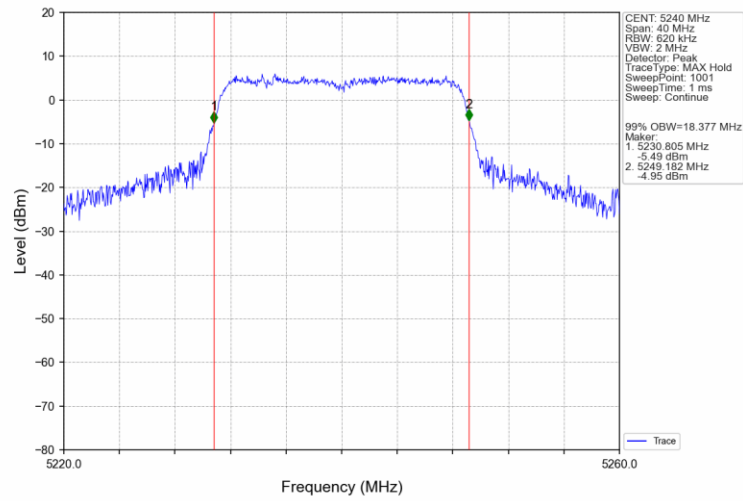
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



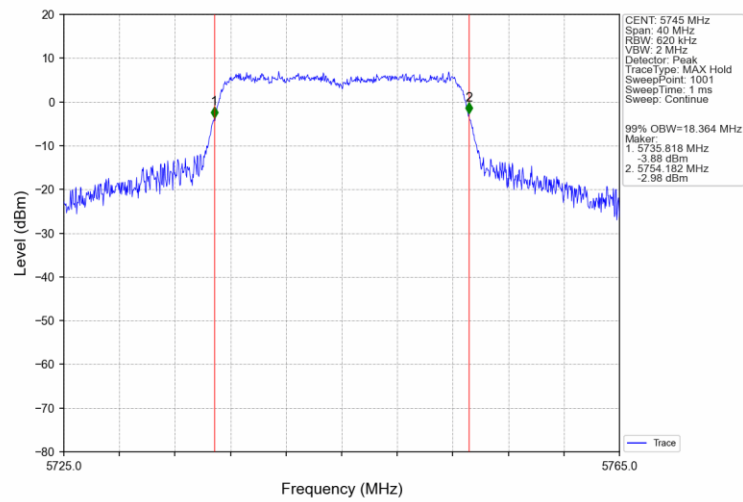
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



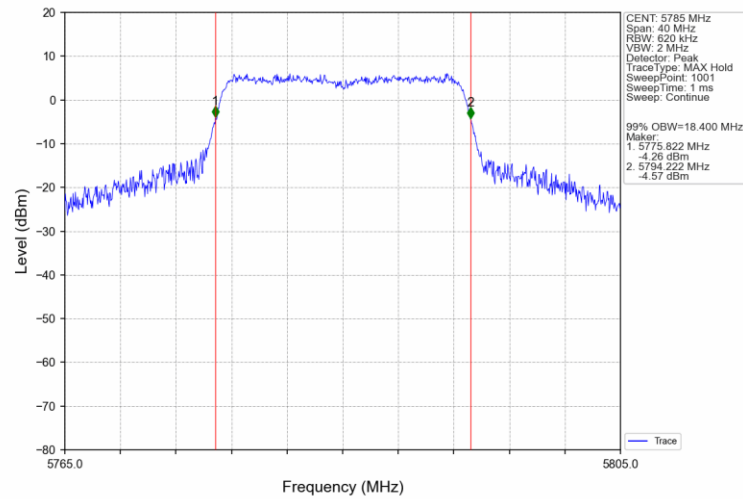
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



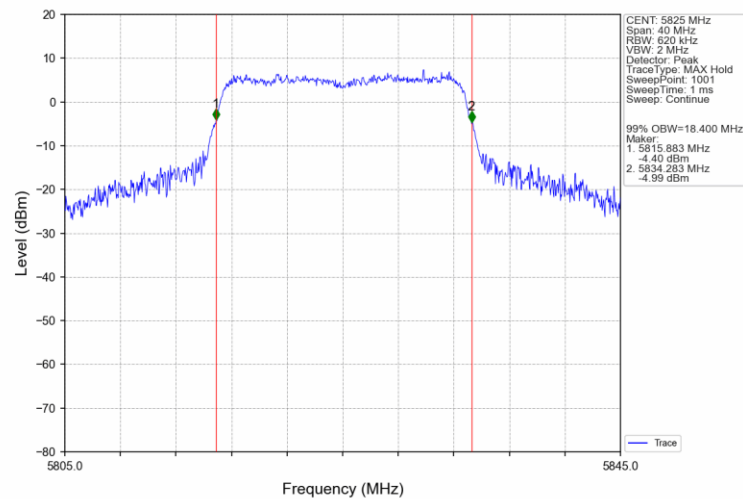
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



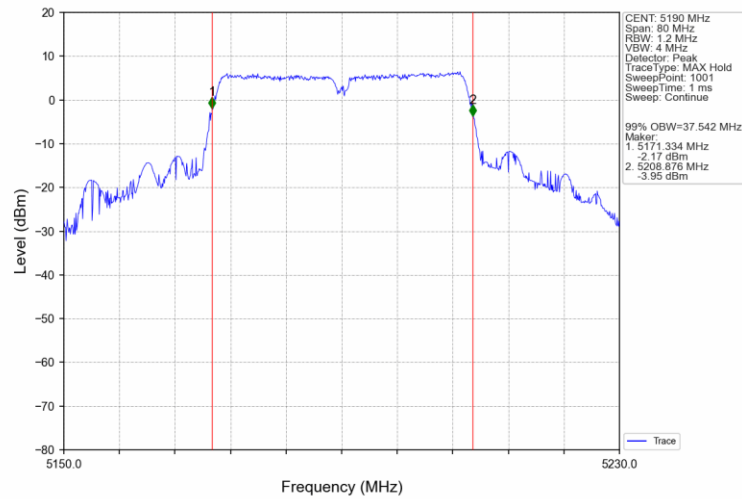
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



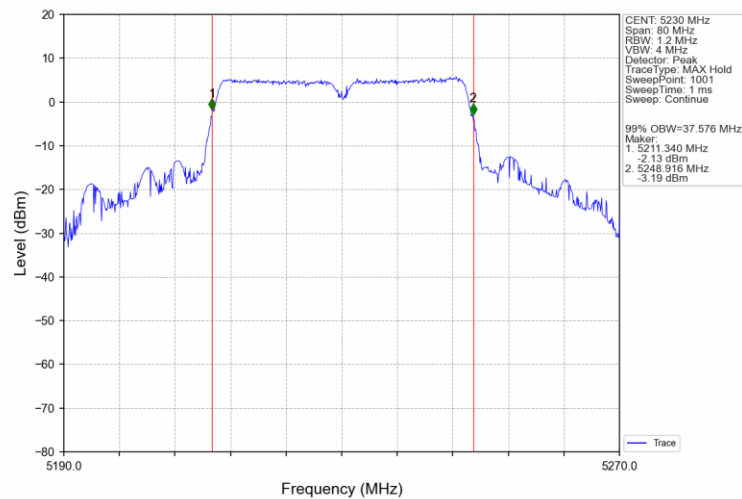
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



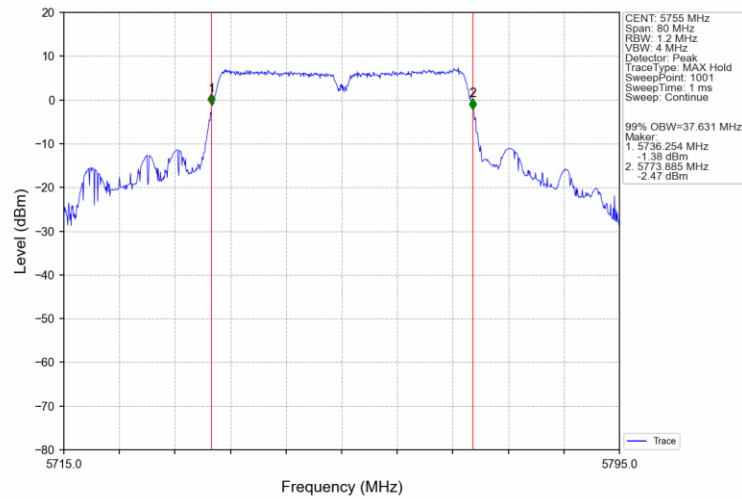
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



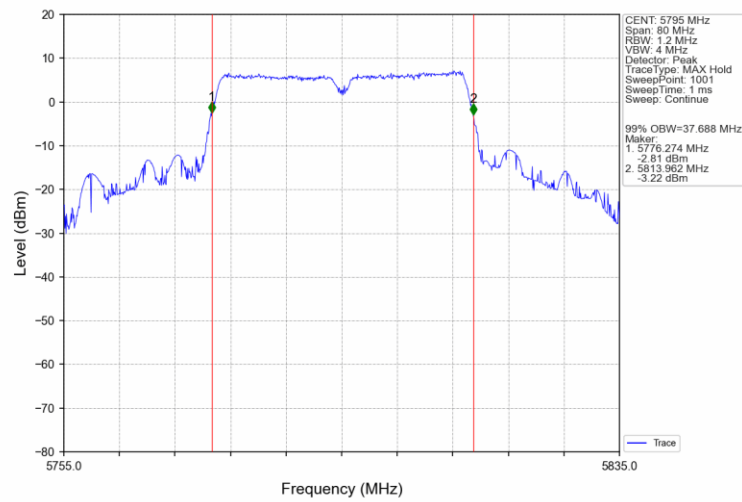
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



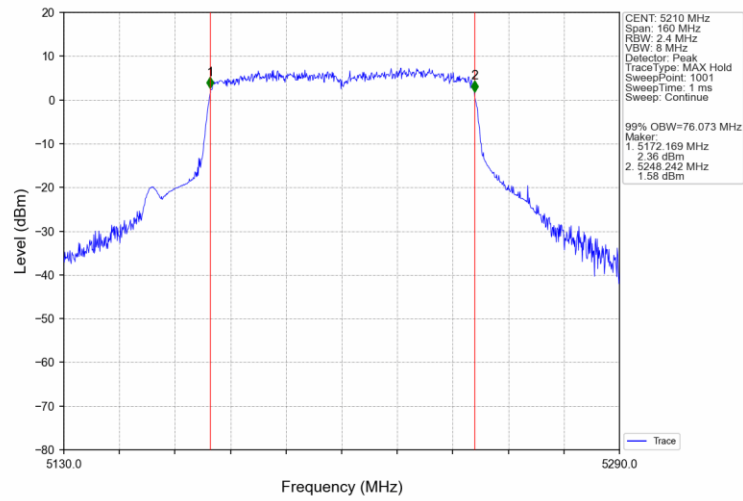
802.11ac(VHT40) LCH 5755MHz Ant1 NTN



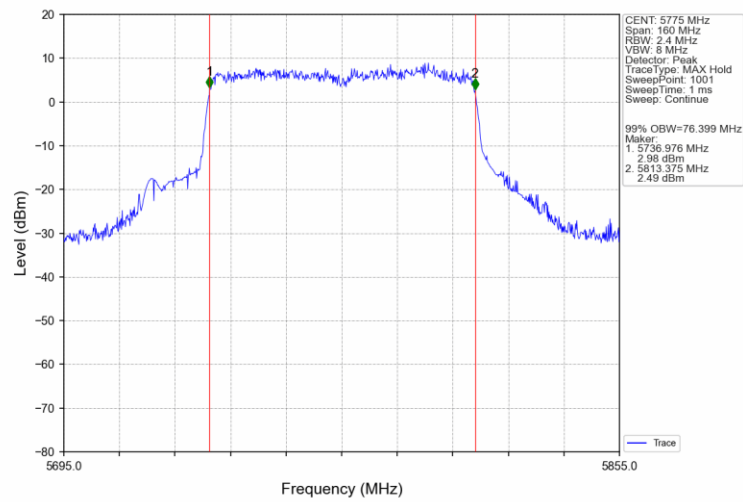
802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTNv

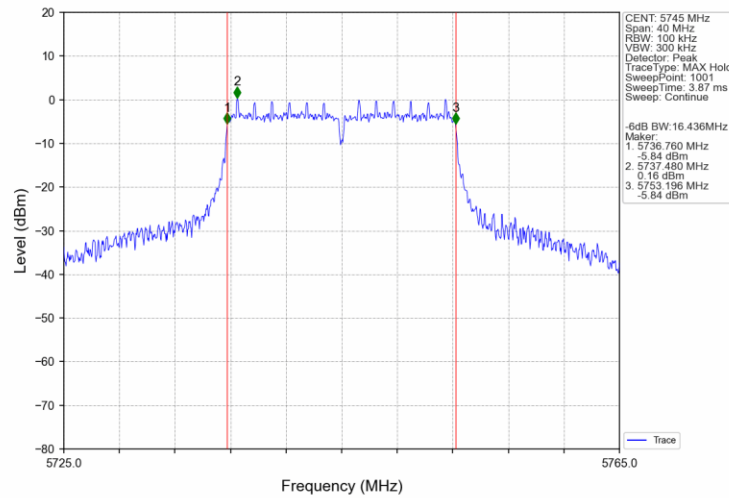


802.11ac(VHT80) MCH 5775MHz Ant1 NTNv

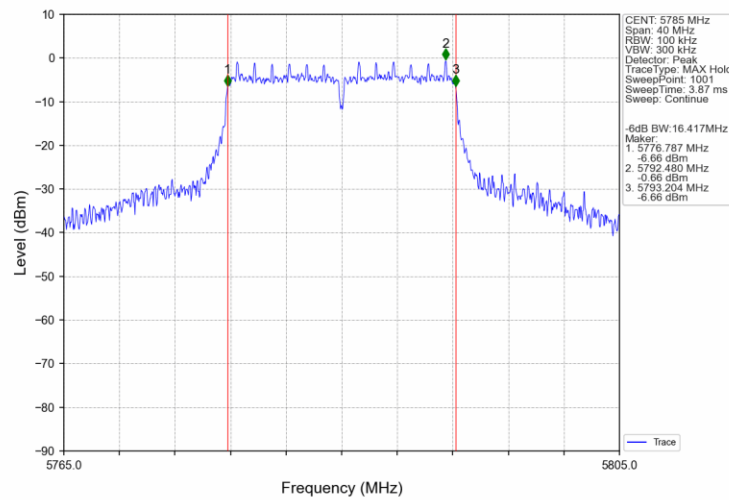


2.2.2 6dB BW

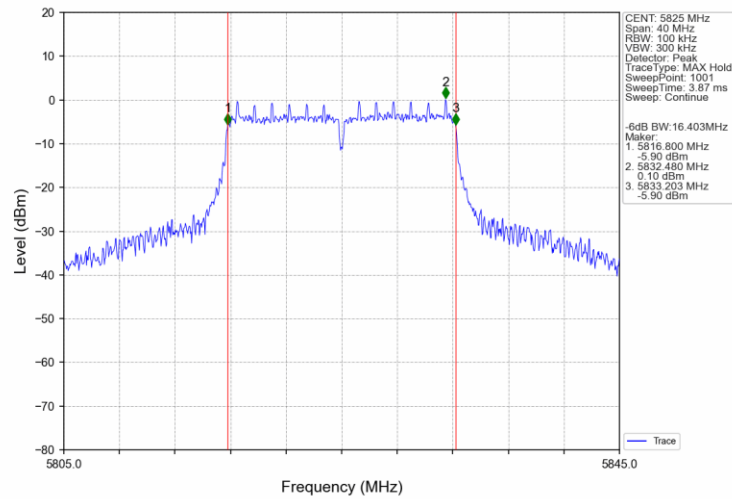
802.11a LCH 5745MHz Ant1 NTN



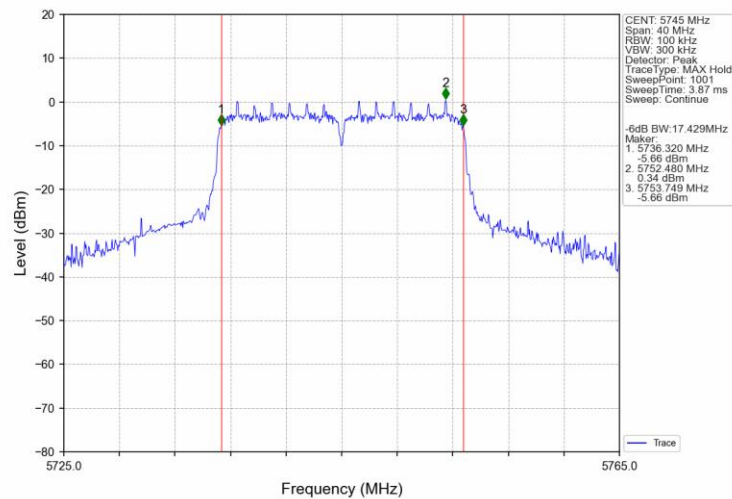
802.11a MCH 5785MHz Ant1 NTN



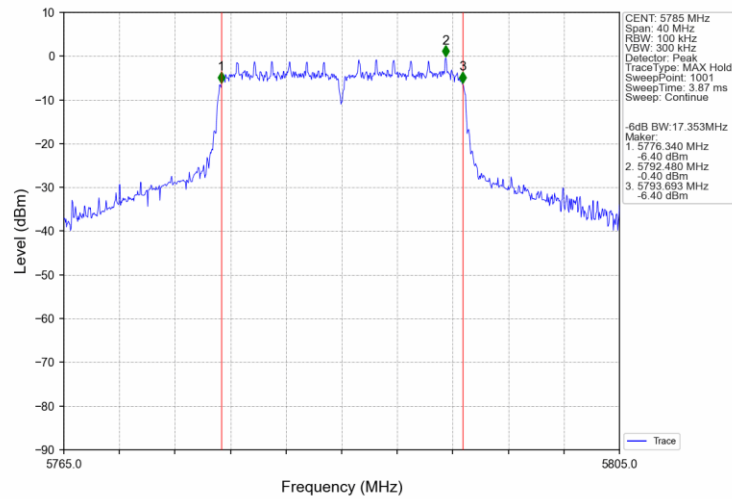
802.11a HCH 5825MHz Ant1 NTN



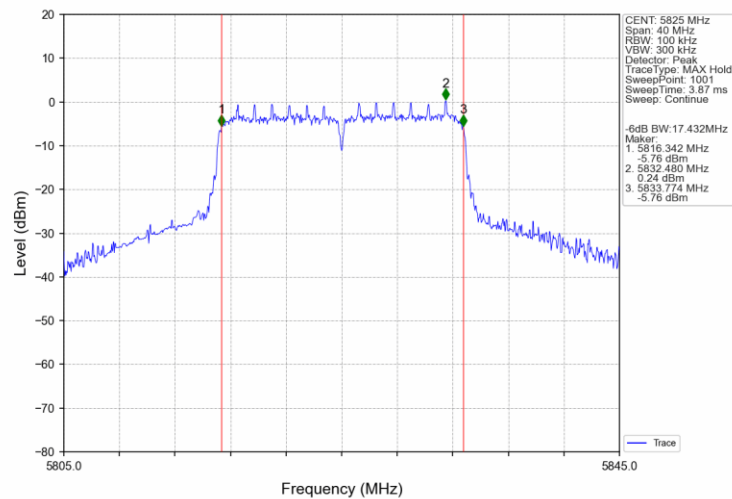
802.11n(HT20)_LCH_5745MHz_Ant1_NTN



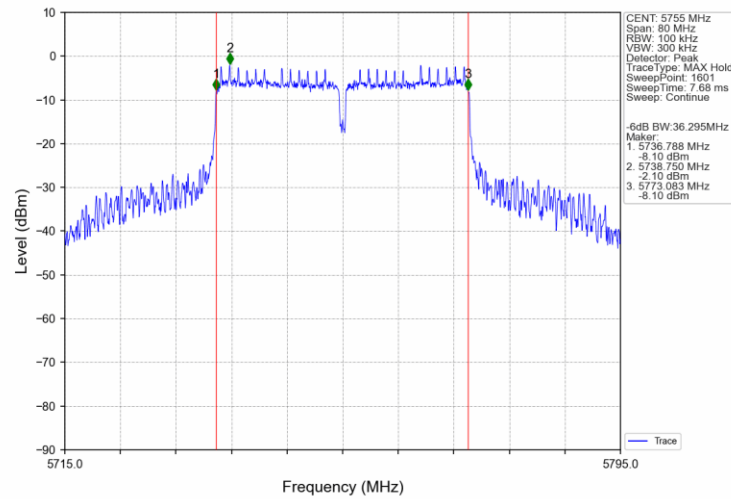
802.11n(HT20) MCH 5785MHz Ant1 NTV



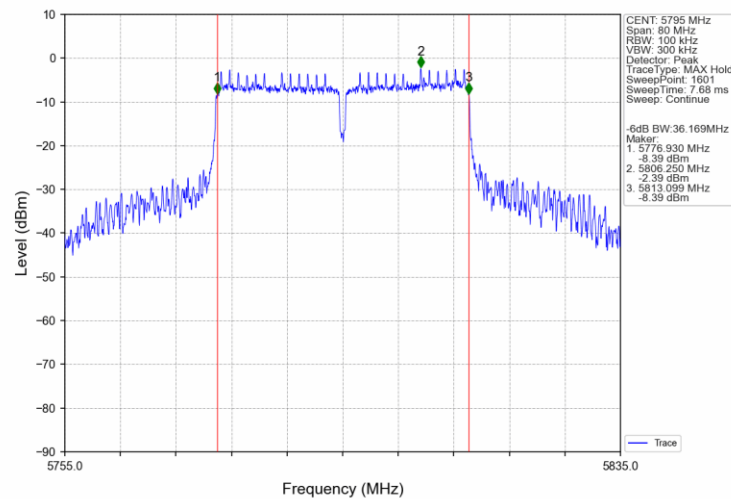
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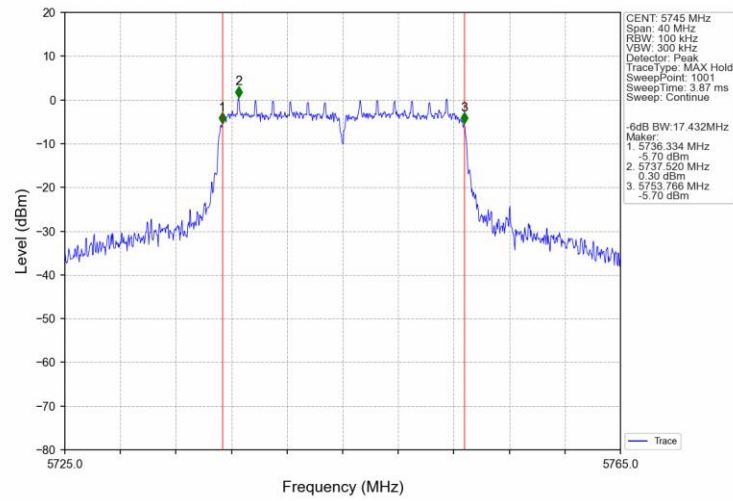
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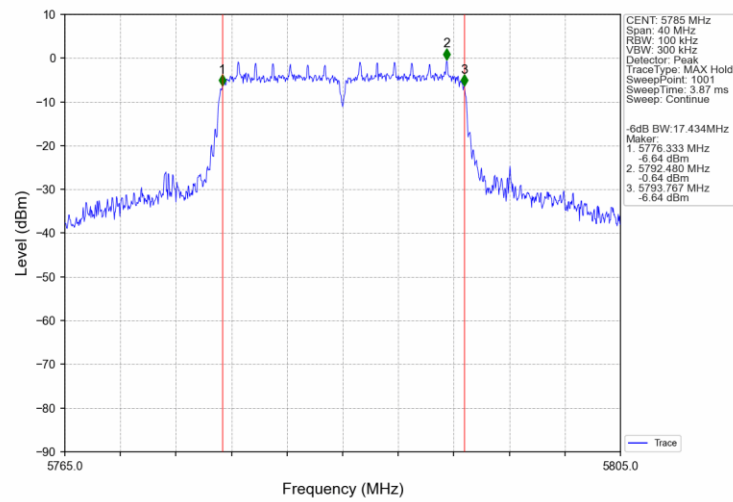
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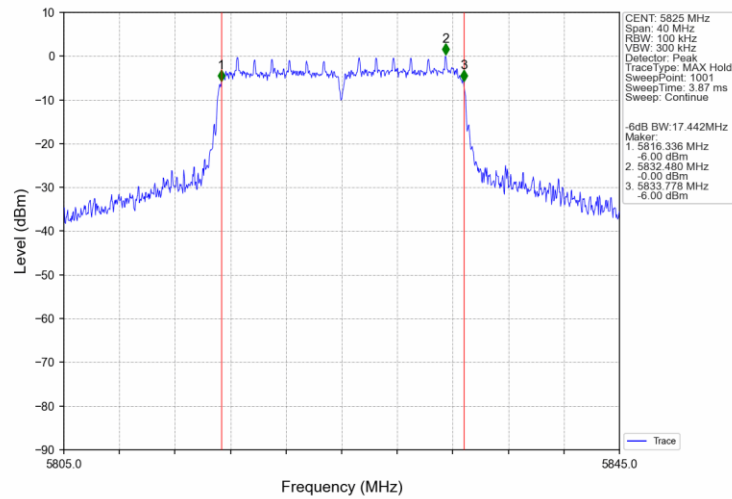
802.11ac(VHT20) LCH 5745MHz Ant1 NTNv



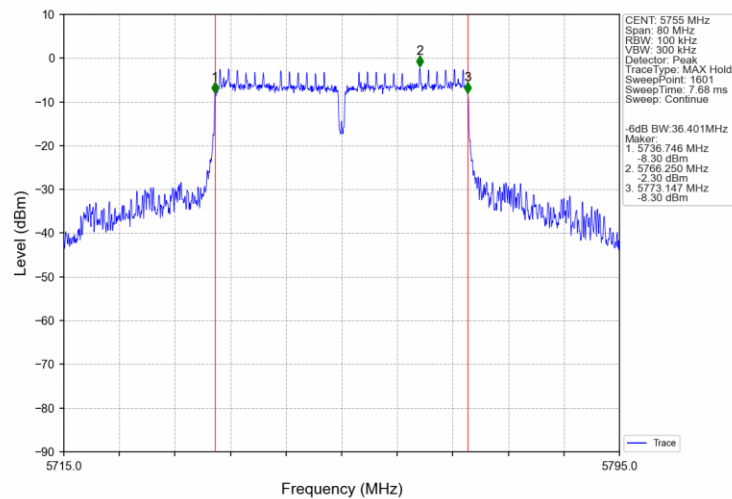
802.11ac(VHT20) MCH 5785MHz Ant1 NTNv



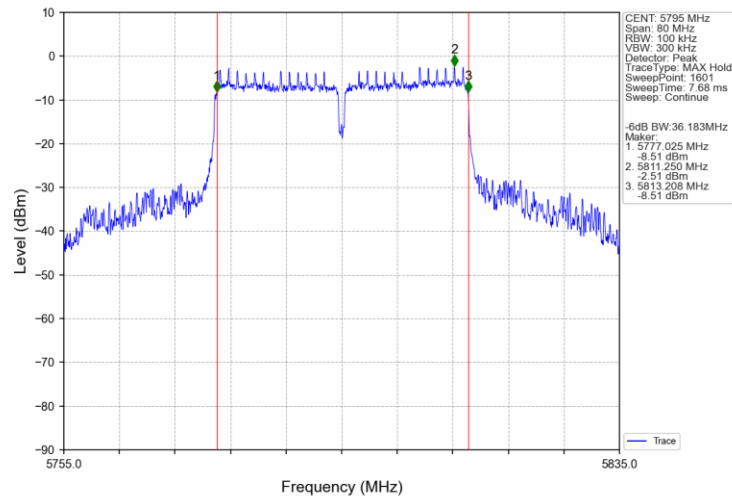
802.11ac(VHT20) HCH 5825MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN

