

2. Bandwidth

2.1 Test Result

2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	5955	/	/	10	16.567	<=320	Pass
			6175	/	/	10	16.552	<=320	Pass
			6415	/	/	10	16.542	<=320	Pass
	802.11ax (HEW20)	MIMO	5955	RU242	Left	10	18.842	<=320	Pass
			6175	RU242	Left	10	18.883	<=320	Pass
			6415	RU242	Left	10	18.824	<=320	Pass
	802.11ax (HEW40)	MIMO	5965	RU484	Left	10	37.657	<=320	Pass
			6165	RU484	Left	10	37.588	<=320	Pass
			6405	RU484	Left	10	37.719	<=320	Pass
	802.11ax (HEW80)	MIMO	5985	RU996	Left	10	77.100	<=320	Pass
			6145	RU996	Left	10	77.386	<=320	Pass
			6385	RU996	Left	10	77.149	<=320	Pass
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	10	154.866	<=320	Pass
			6185	2xRU996	Left	10	154.712	<=320	Pass
			6345	2xRU996	Left	10	154.761	<=320	Pass

2.1.2 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	5955	/	/	10	18.112	/	Pass
			6175	/	/	10	18.229	/	Pass
			6415	/	/	10	18.277	/	Pass
	802.11ax (HEW20)	MIMO	5955	RU242	Left	10	19.833	/	Pass
			6175	RU242	Left	10	19.798	/	Pass
			6415	RU242	Left	10	19.755	/	Pass
	802.11ax (HEW40)	MIMO	5965	RU484	Left	10	39.466	/	Pass
			6165	RU484	Left	10	39.443	/	Pass
			6405	RU484	Left	10	39.424	/	Pass
	802.11ax (HEW80)	MIMO	5985	RU996	Left	10	79.798	/	Pass
			6145	RU996	Left	10	79.956	/	Pass
			6385	RU996	Left	10	80.010	/	Pass
	802.11ax (HEW160)	MIMO	6025	2xRU996	Left	10	161.552	/	Pass
			6185	2xRU996	Left	10	161.432	/	Pass
			6345	2xRU996	Left	10	161.335	/	Pass

2.1.3 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6435	/	/	10	16.572	<=320	Pass
			6475	/	/	10	16.560	<=320	Pass
			6515	/	/	10	16.565	<=320	Pass
	802.11ax (HEW20)	MIMO	6435	RU242	Left	10	18.830	<=320	Pass
			6475	RU242	Left	10	18.845	<=320	Pass

			6515	RU242	Left	10	18.865	<=320	Pass
	802.11ax (HEW40)	MIMO	6445	RU484	Left	10	37.858	<=320	Pass
			6485	RU484	Left	10	37.823	<=320	Pass
	802.11ax (HEW80)	MIMO	6465	RU996	Left	10	77.198	<=320	Pass

2.1.4 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6435	/	/	10	18.253	/	Pass
			6475	/	/	10	18.266	/	Pass
			6515	/	/	10	18.283	/	Pass
	802.11ax (HEW20)	MIMO	6435	RU242	Left	10	19.863	/	Pass
			6475	RU242	Left	10	19.780	/	Pass
			6515	RU242	Left	10	19.819	/	Pass
	802.11ax (HEW40)	MIMO	6445	RU484	Left	10	39.383	/	Pass
			6485	RU484	Left	10	39.538	/	Pass
	802.11ax (HEW80)	MIMO	6465	RU996	Left	10	79.988	/	Pass

2.1.5 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6535	/	/	10	16.600	<=320	Pass
			6695	/	/	10	16.645	<=320	Pass
			6855	/	/	10	16.634	<=320	Pass
	802.11ax (HEW20)	MIMO	6535	RU242	Left	10	18.879	<=320	Pass
			6695	RU242	Left	10	18.852	<=320	Pass
			6855	RU242	Left	10	18.883	<=320	Pass
	802.11ax (HEW40)	MIMO	6565	RU484	Left	10	37.684	<=320	Pass
			6685	RU484	Left	10	37.581	<=320	Pass
			6845	RU484	Left	10	37.540	<=320	Pass
	802.11ax (HEW80)	MIMO	6625	RU996	Left	10	77.045	<=320	Pass
			6705	RU996	Left	10	77.090	<=320	Pass
			6785	RU996	Left	10	77.363	<=320	Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	10	155.664	<=320	Pass

2.1.6 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6535	/	/	10	18.240	/	Pass
			6695	/	/	10	18.267	/	Pass
			6855	/	/	10	18.022	/	Pass
	802.11ax (HEW20)	MIMO	6535	RU242	Left	10	19.817	/	Pass
			6695	RU242	Left	10	19.788	/	Pass
			6855	RU242	Left	10	19.774	/	Pass
	802.11ax (HEW40)	MIMO	6565	RU484	Left	10	39.540	/	Pass
			6685	RU484	Left	10	39.358	/	Pass
			6845	RU484	Left	10	39.385	/	Pass
	802.11ax (HEW80)	MIMO	6625	RU996	Left	10	79.927	/	Pass
			6705	RU996	Left	10	79.969	/	Pass

			6785	RU996	Left	10	79.991	/	Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	10	161.240	/	Pass

2.1.7 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6895	/	/	10	16.657	<=320	Pass
			6995	/	/	10	16.622	<=320	Pass
			7115	/	/	10	16.711	<=320	Pass
	802.11ax (HEW20)	MIMO	6895	RU242	Left	10	18.863	<=320	Pass
			6995	RU242	Left	10	18.875	<=320	Pass
			7115	RU242	Left	10	18.890	<=320	Pass
	802.11ax (HEW40)	MIMO	6925	RU484	Left	10	37.564	<=320	Pass
			7005	RU484	Left	10	37.598	<=320	Pass
			7085	RU484	Left	10	37.673	<=320	Pass
	802.11ax (HEW80)	MIMO	6945	RU996	Left	10	77.315	<=320	Pass
			7025	RU996	Left	10	77.192	<=320	Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	10	155.879	<=320	Pass

2.1.8 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6895	/	/	10	18.951	/	Pass
			6995	/	/	10	18.190	/	Pass
			7115	/	/	10	18.293	/	Pass
	802.11ax (HEW20)	MIMO	6895	RU242	Left	10	19.803	/	Pass
			6995	RU242	Left	10	19.825	/	Pass
			7115	RU242	Left	10	19.772	/	Pass
	802.11ax (HEW40)	MIMO	6925	RU484	Left	10	39.427	/	Pass
			7005	RU484	Left	10	39.413	/	Pass
			7085	RU484	Left	10	39.510	/	Pass
	802.11ax (HEW80)	MIMO	6945	RU996	Left	10	80.022	/	Pass
			7025	RU996	Left	10	80.051	/	Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	10	161.479	/	Pass

2.1.9 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6875	/	/	10	16.647	<=320	Pass
	802.11ax (HEW20)	MIMO	6875	RU242	Left	10	18.875	<=320	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	10	37.698	<=320	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	10	77.075	<=320	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	10	156.015	<=320	Pass

2.1.10 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11a	MIMO	6875	/	/	10	18.378	/	Pass
	802.11ax (HEW20)	MIMO	6875	RU242	Left	10	19.821	/	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	10	39.471	/	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	10	79.972	/	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	10	161.654	/	Pass

2.1.11 OBW

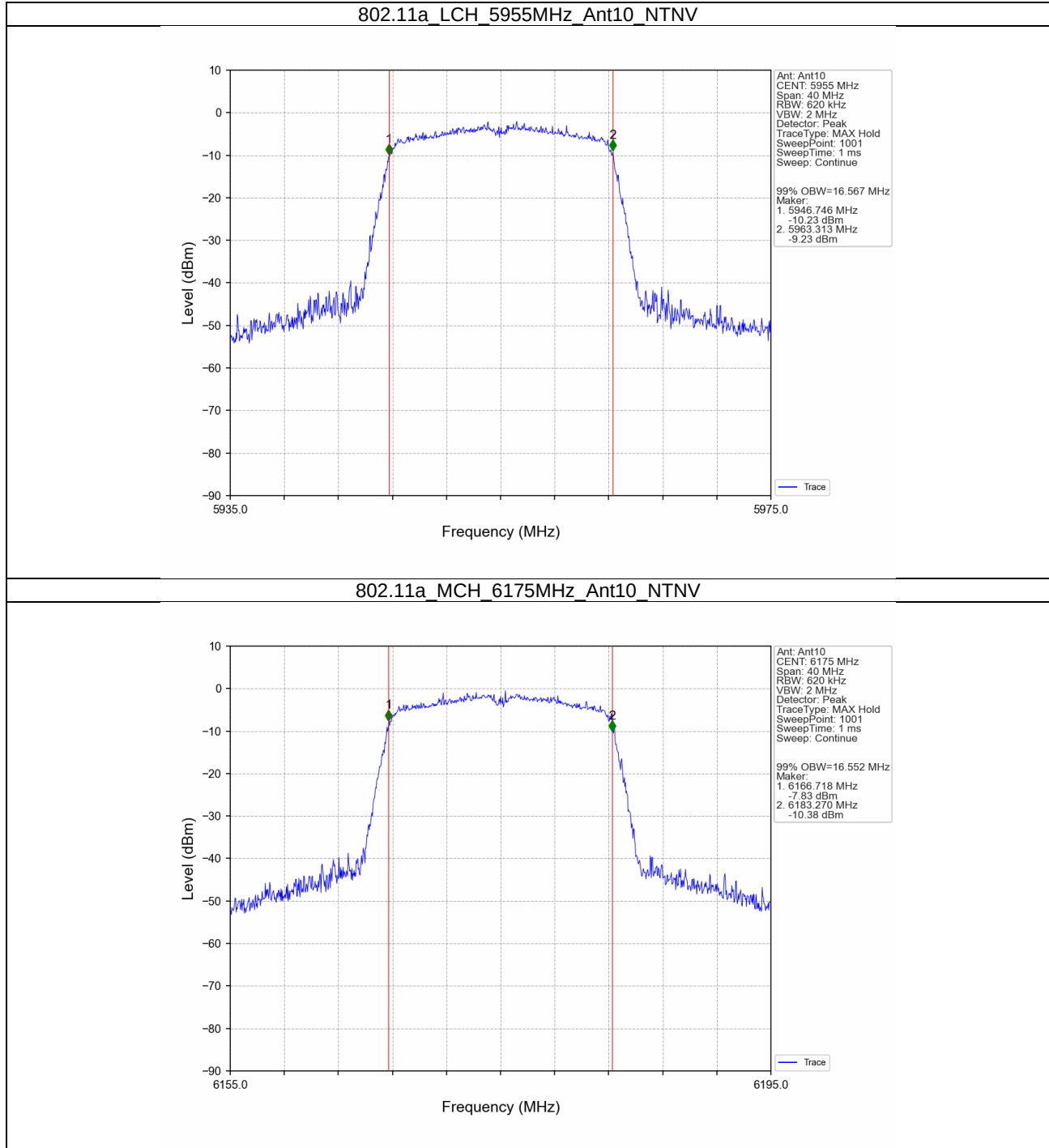
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	10	37.762	<=320	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	10	77.041	<=320	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	10	154.952	<=320	Pass

2.1.12 26dB BW

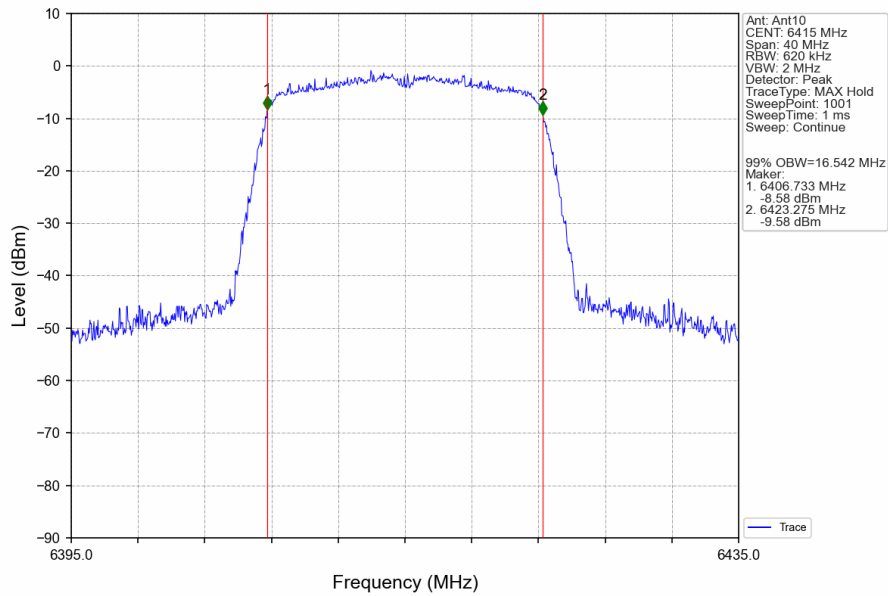
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	10	39.538	/	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	10	79.917	/	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	10	161.385	/	Pass

2.2 Test Graph

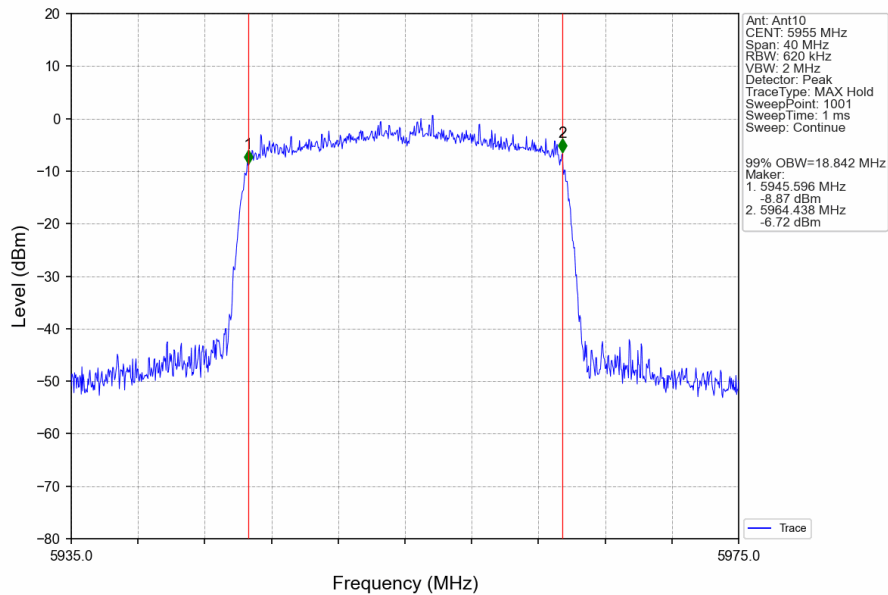
2.2.1 OBW



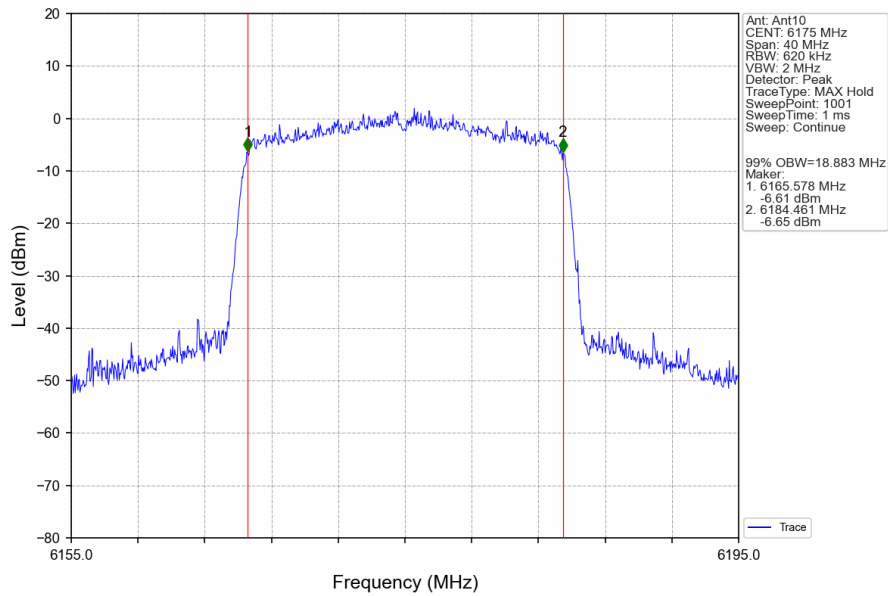
802.11a_HCH_6415MHz_Ant10_NTNV



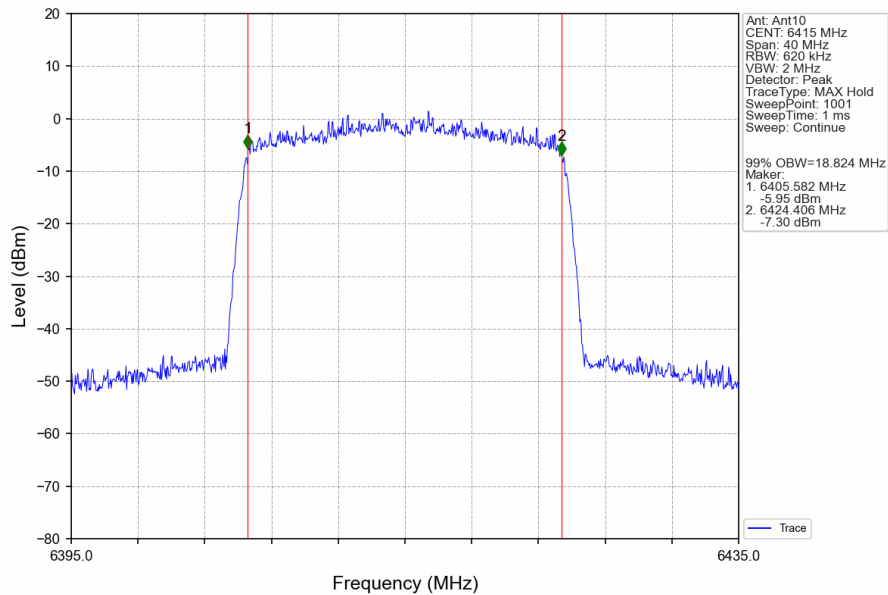
802.11ax(HEW20)_LCH_5955MHz_RU242_Left_Ant10_NTNV



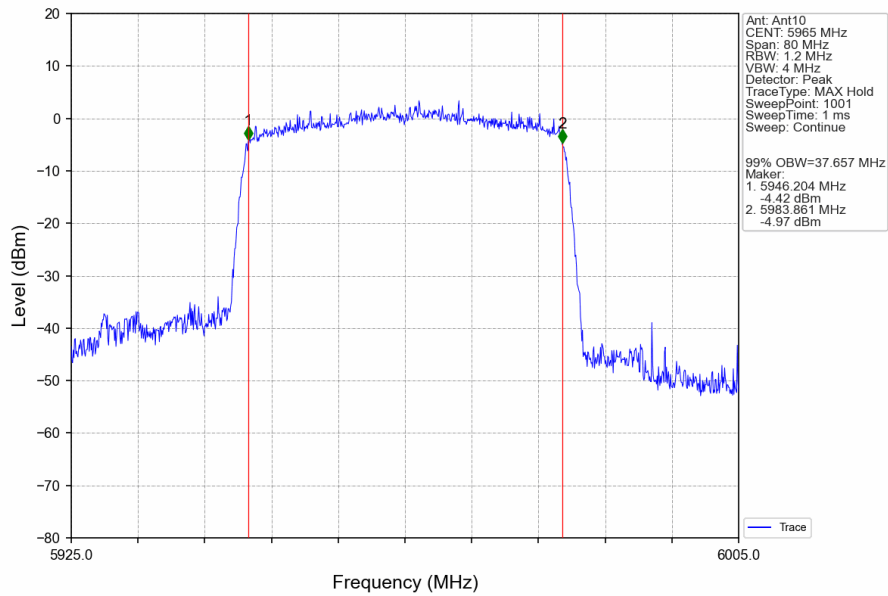
802.11ax(HEW20)_MCH_6175MHz_RU242_Left_Ant10_NTNV



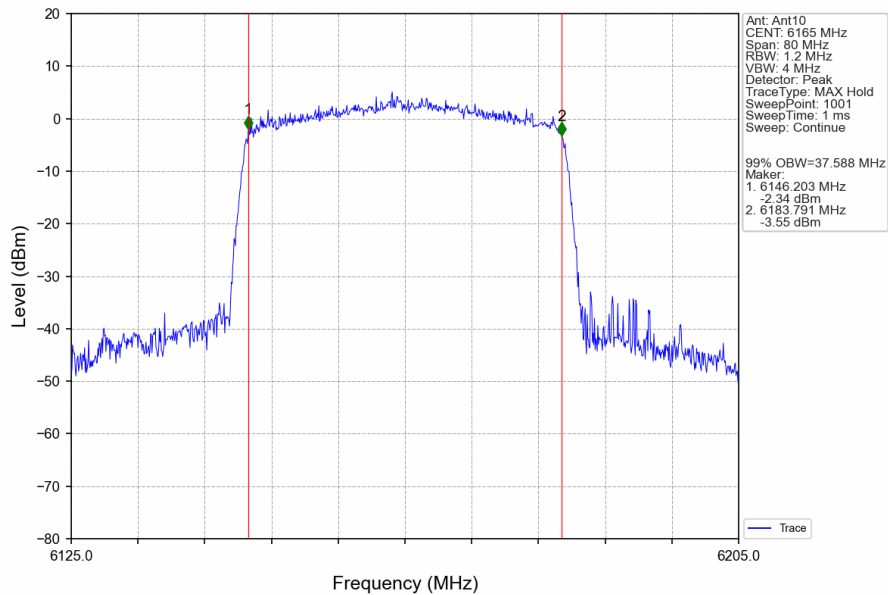
802.11ax(HEW20)_HCH_6415MHz_RU242_Left_Ant10_NTNV



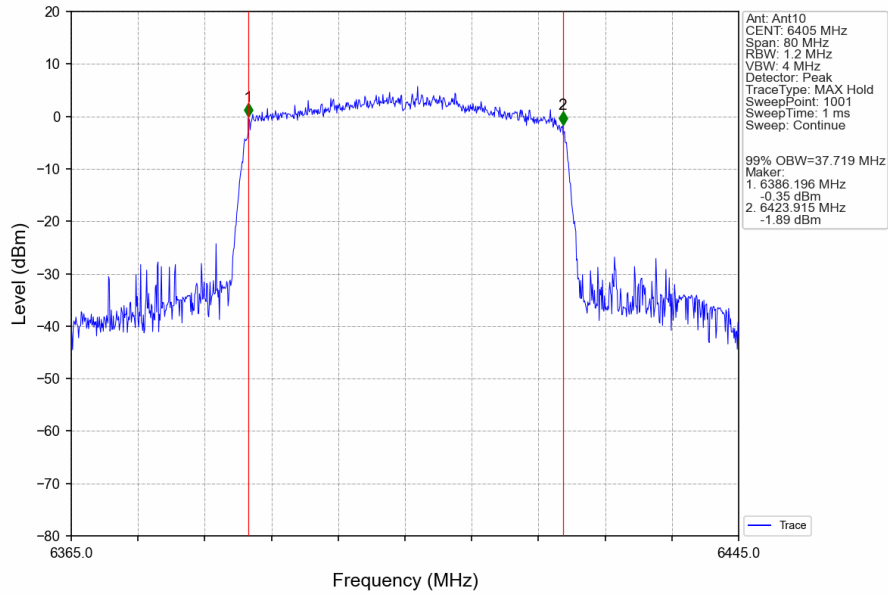
802.11ax(HEW40)_LCH_5965MHz_RU484_Left_Ant10_NTNV



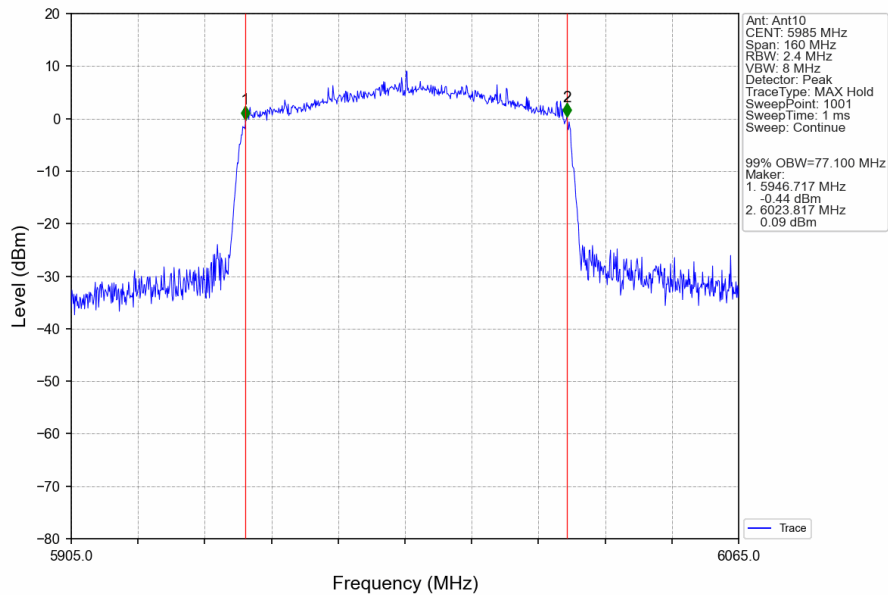
802.11ax(HEW40)_MCH_6165MHz_RU484_Left_Ant10_NTNV



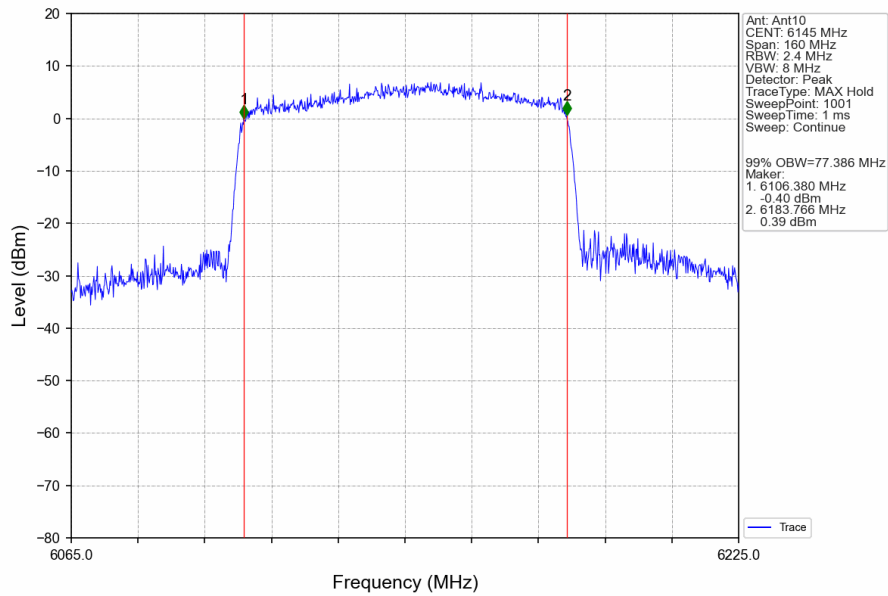
802.11ax(HEW40)_HCH_6405MHz_RU484_Left_Ant10_NTNV



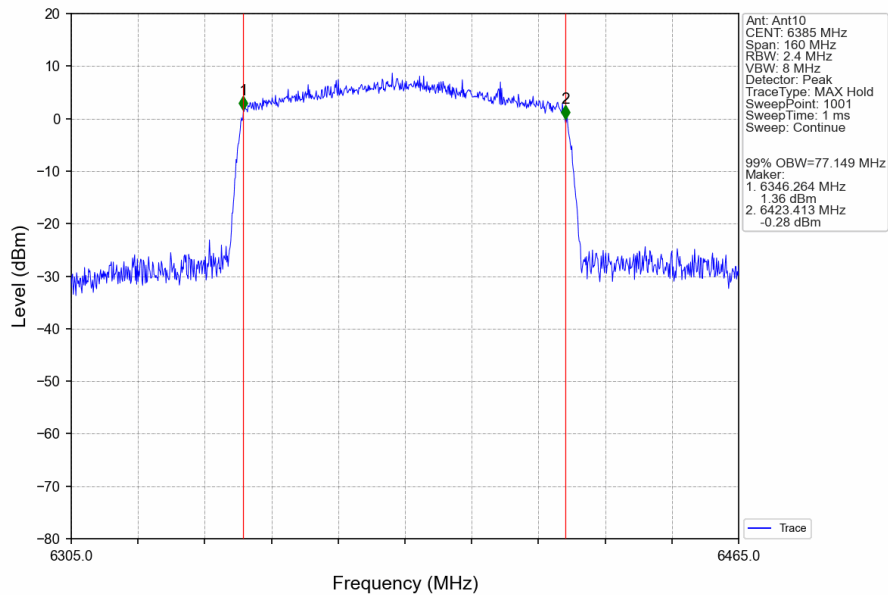
802.11ax(HEW80)_LCH_5985MHz_RU996_Left_Ant10_NTNV



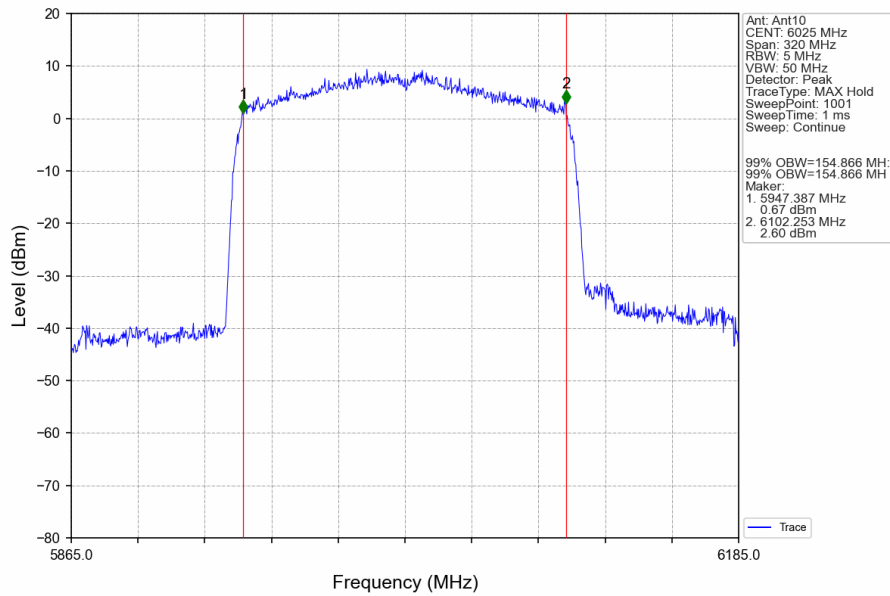
802.11ax(HEW80) MCH_6145MHz_RU996_Left_Ant10_NTNV



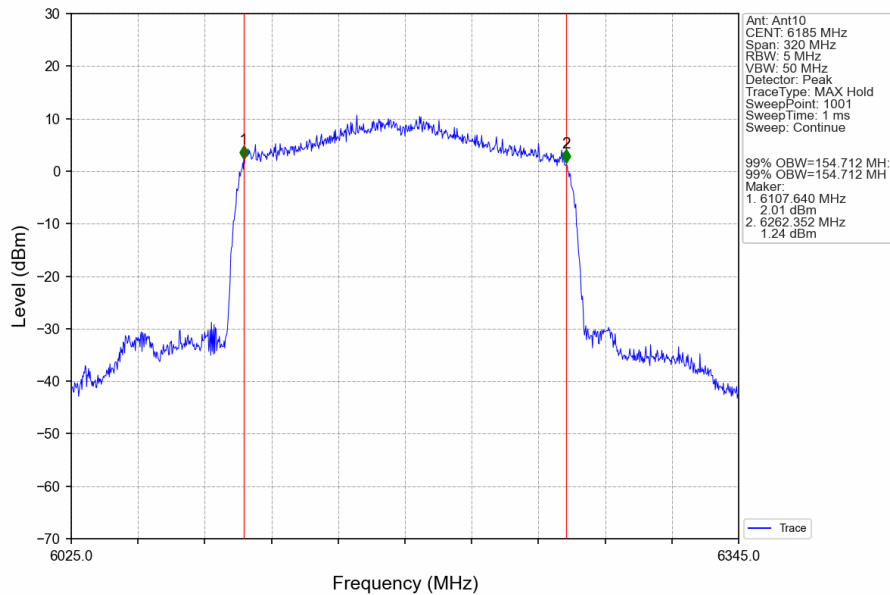
802.11ax(HEW80) HCH_6385MHz_RU996_Left_Ant10_NTNV



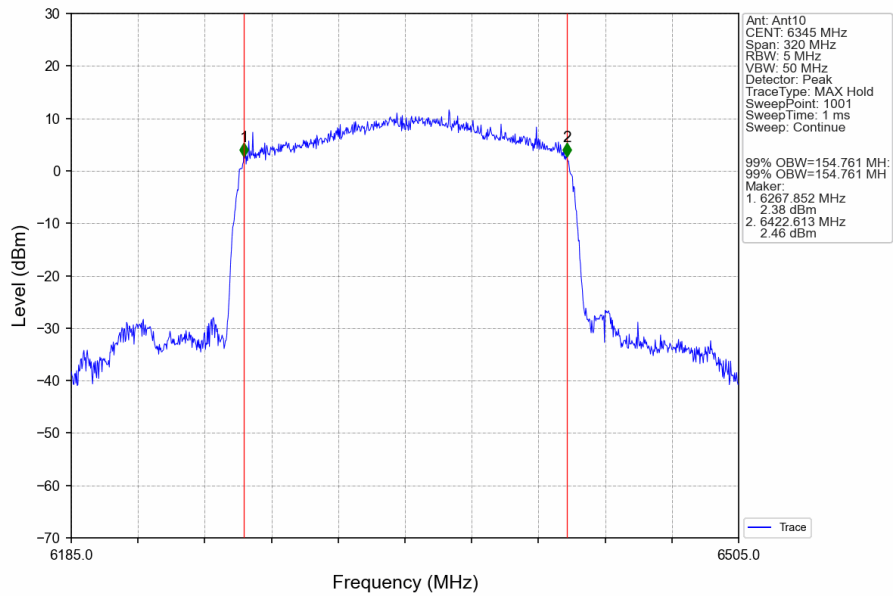
802.11ax(HEW160)_LCH_6025MHz_2xRU996_Left_Ant10_NTNV



802.11ax(HEW160)_MCH_6185MHz_2xRU996_Left_Ant10_NTNV

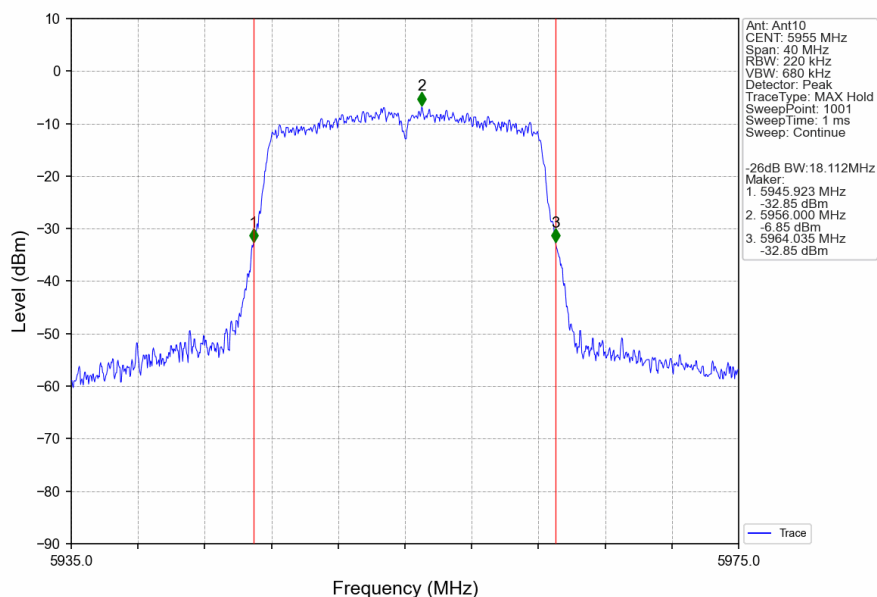


802.11ax(HEW160)_HCH_6345MHz_2xRU996_Left_Ant10_NTNV

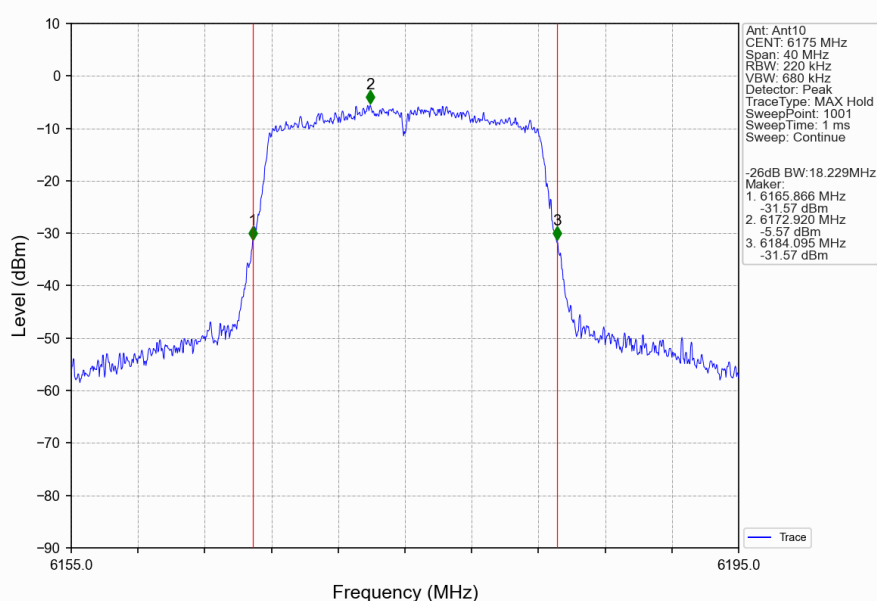


2.2.2 26dB BW

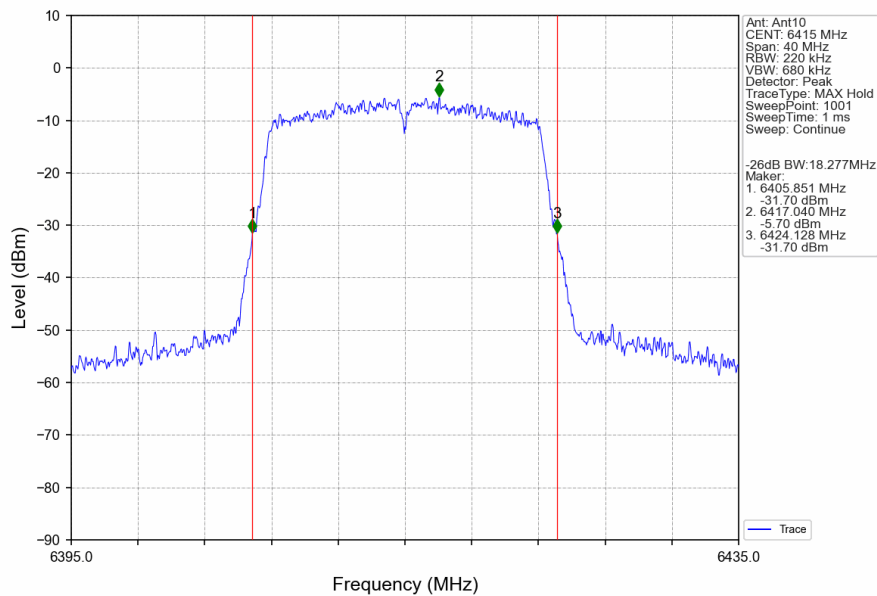
802.11a_LCH_5955MHz_Ant10_NTNV



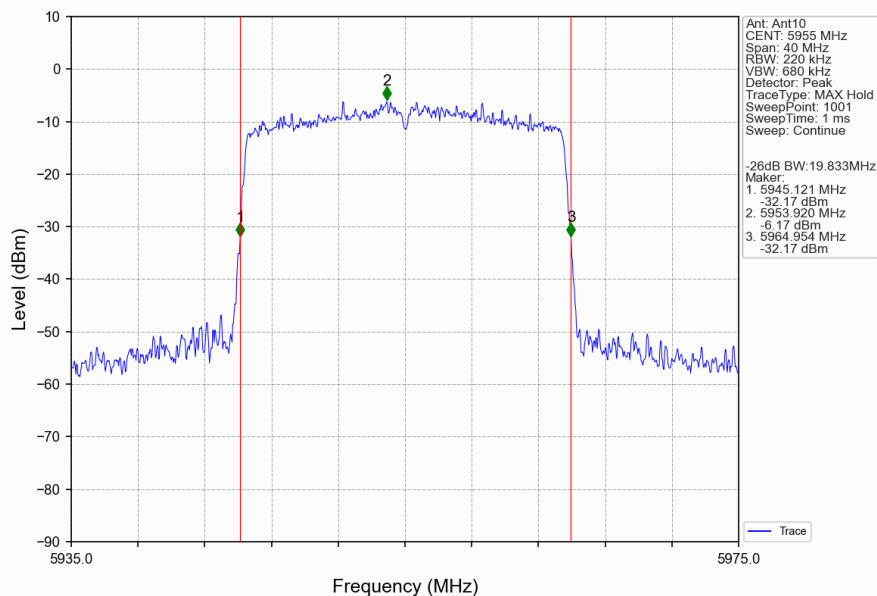
802.11a_MCH_6175MHz_Ant10_NTNV



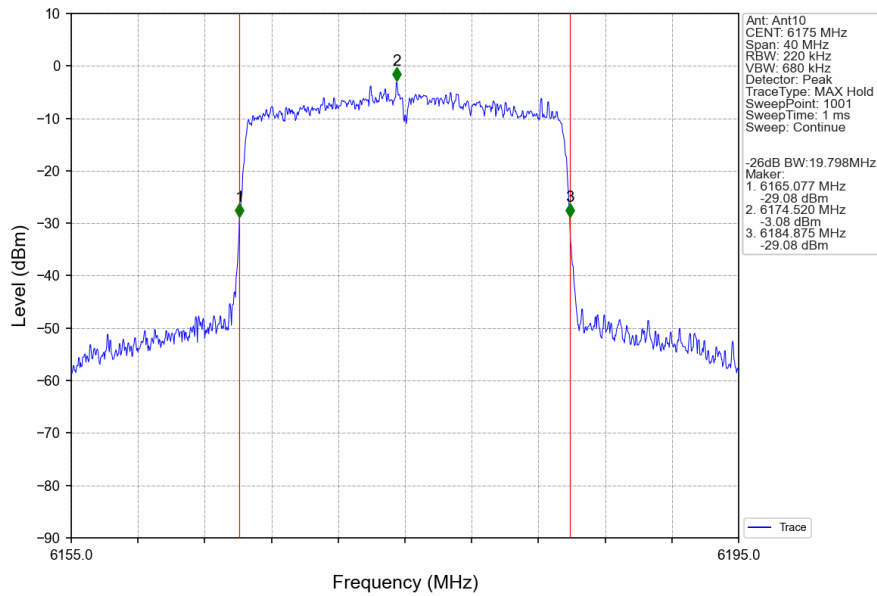
802.11a_HCH_6415MHz_Ant10_NTNV



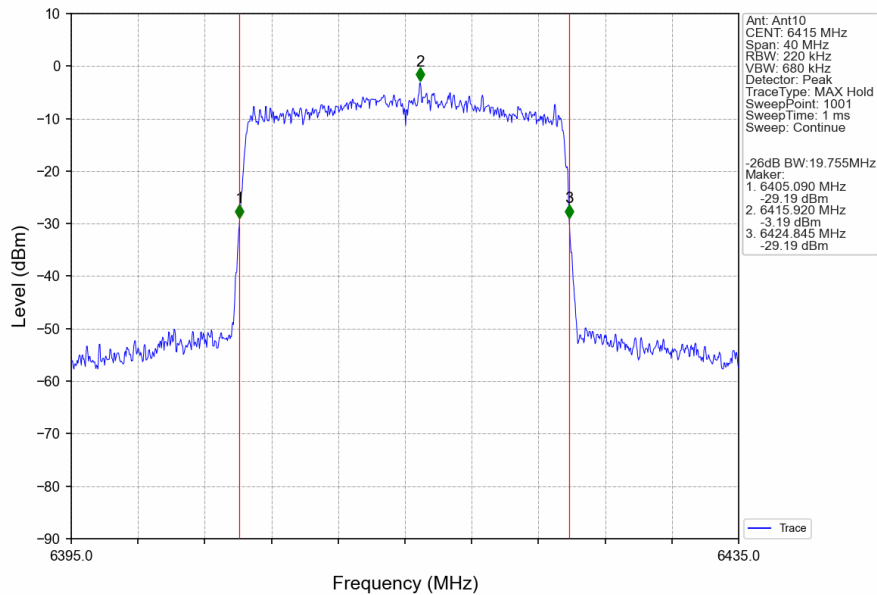
802.11ax(HEW20)_LCH_5955MHz_RU242_Left_Ant10_NTNV



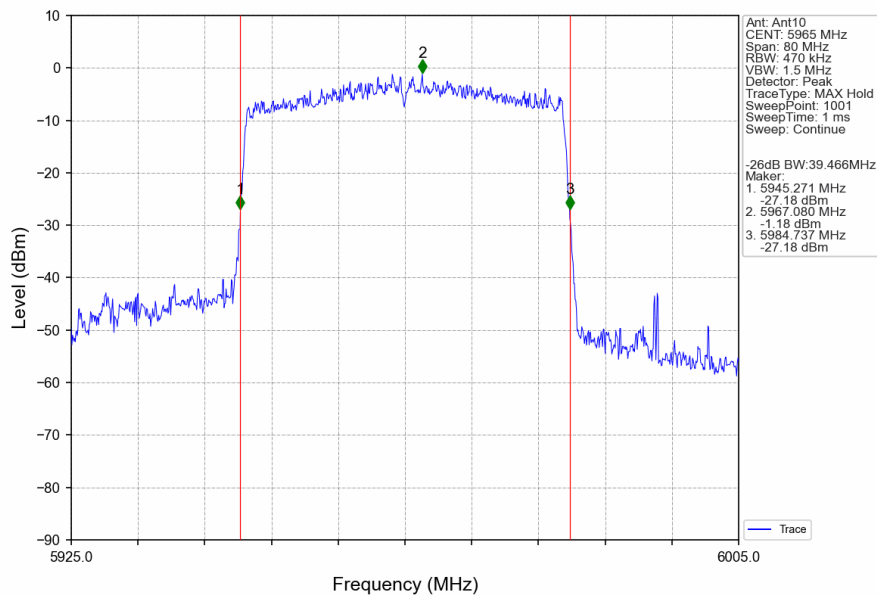
802.11ax(HEW20)_MCH_6175MHz_RU242_Left_Ant10_NTNV



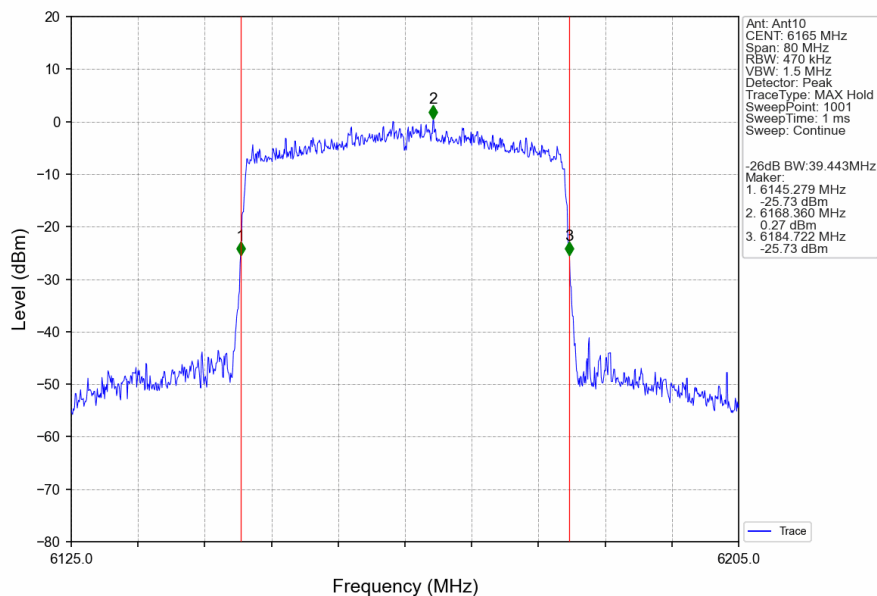
802.11ax(HEW20)_HCH_6415MHz_RU242_Left_Ant10_NTNV



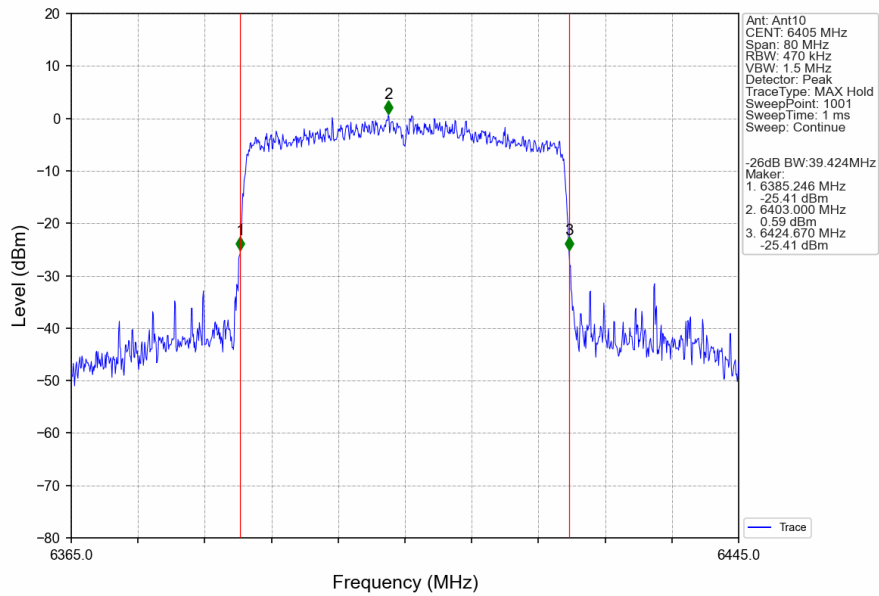
802.11ax(HEW40)_LCH_5965MHz_RU484_Left_Ant10_NTNV



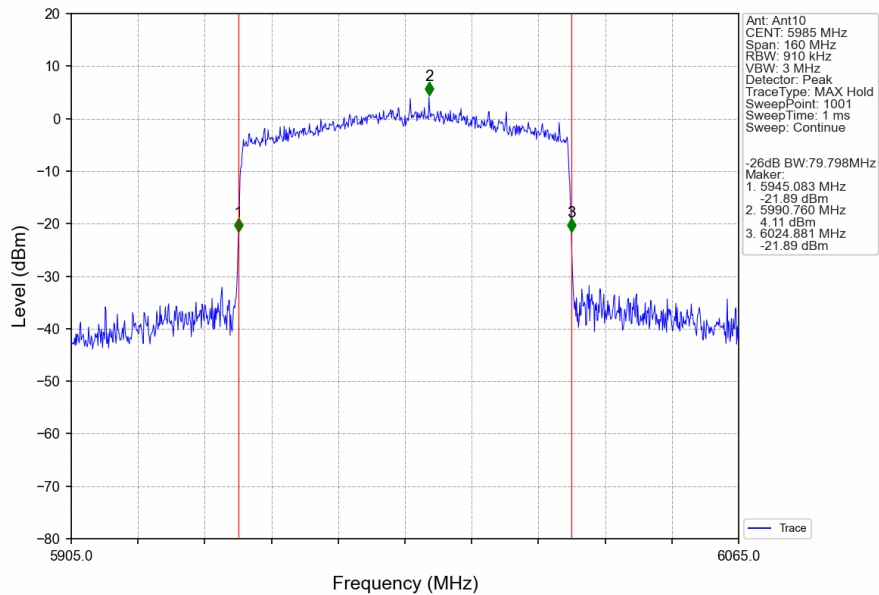
802.11ax(HEW40)_MCH_6165MHz_RU484_Left_Ant10_NTNV



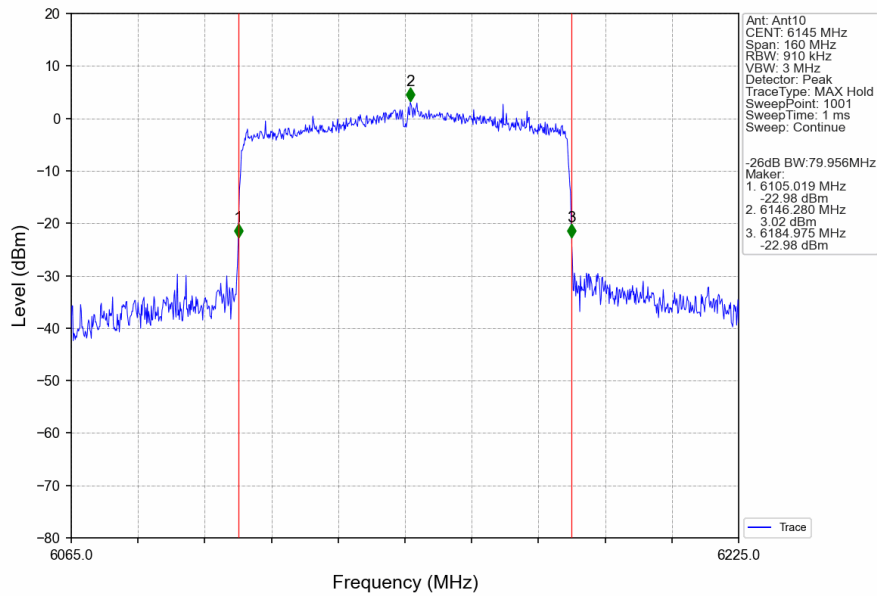
802.11ax(HEW40)_HCH_6405MHz_RU484_Left_Ant10_NTNV



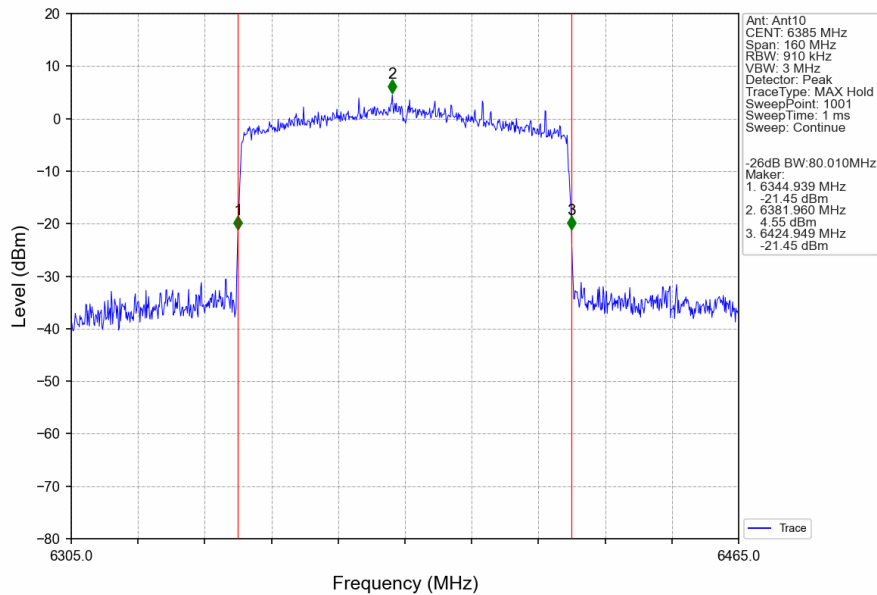
802.11ax(HEW80)_LCH_5985MHz_RU996_Left_Ant10_NTNV



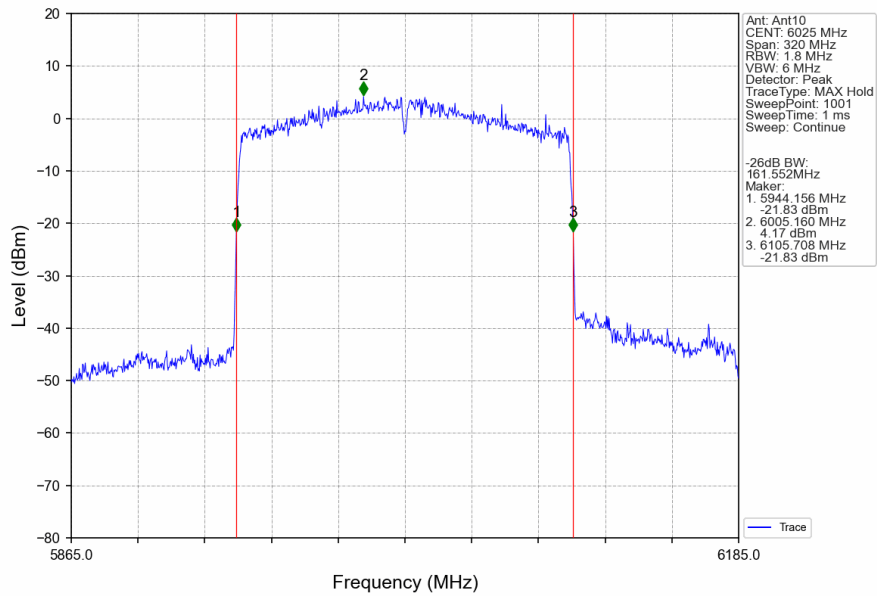
802.11ax(HEW80) MCH_6145MHz_RU996_Left_Ant10_NTNV



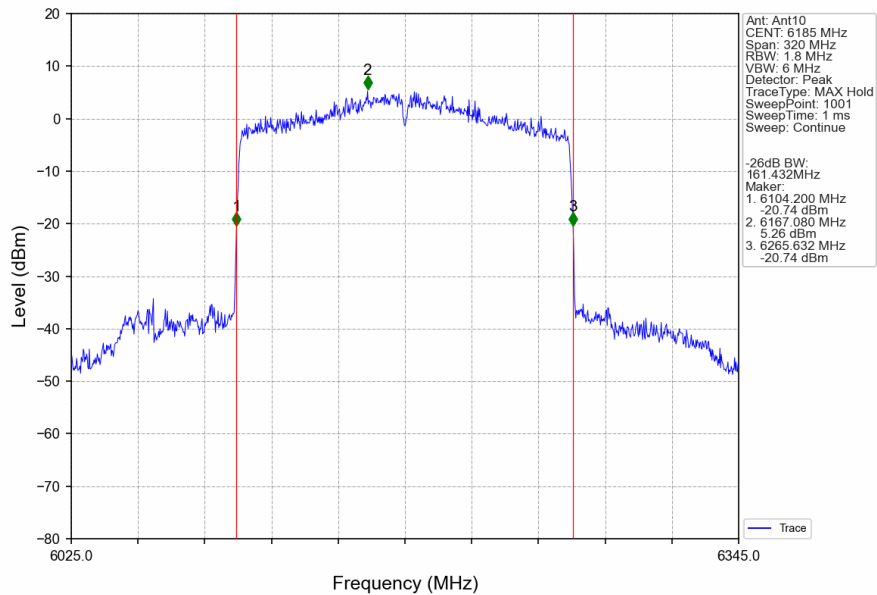
802.11ax(HEW80) HCH_6385MHz_RU996_Left_Ant10_NTNV



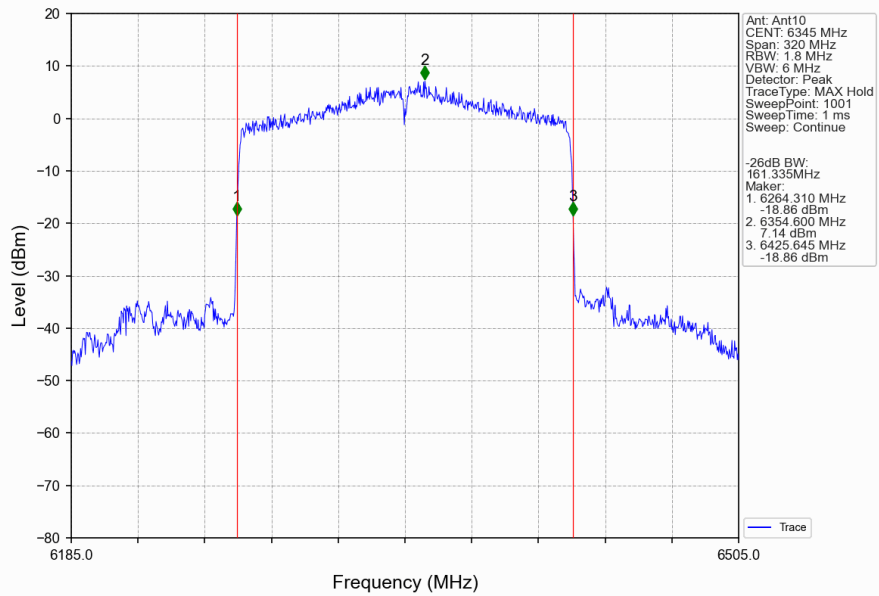
802.11ax(HEW160)_LCH_6025MHz_2xRU996_Left_Ant10_NTNV



802.11ax(HEW160)_MCH_6185MHz_2xRU996_Left_Ant10_NTNV

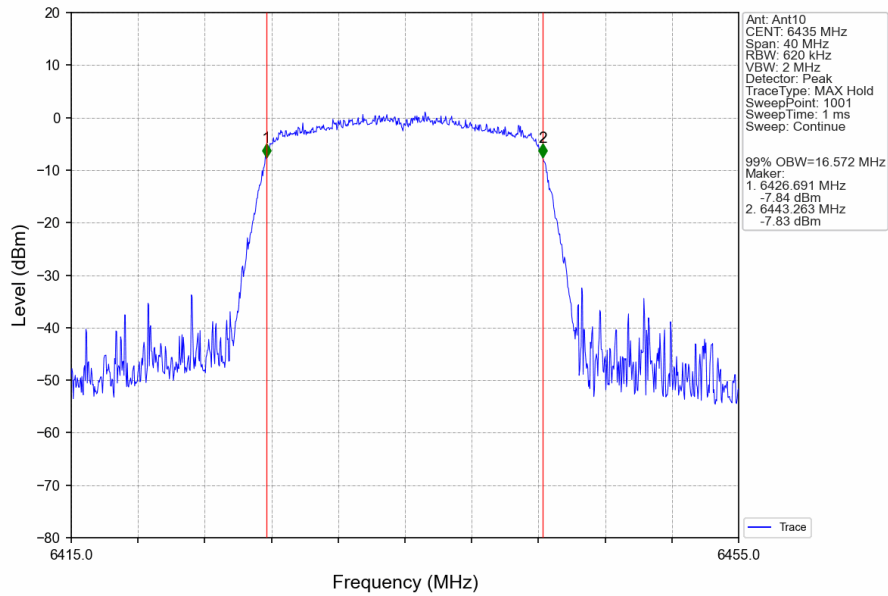


802.11ax(HEW160)_HCH_6345MHz_2xRU996_Left_Ant10_NTNV

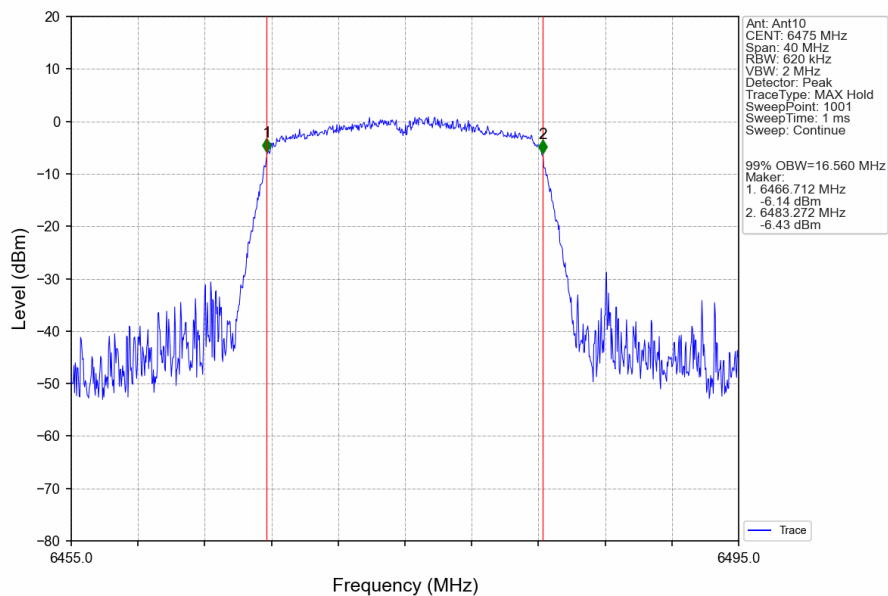


2.2.3 OBW

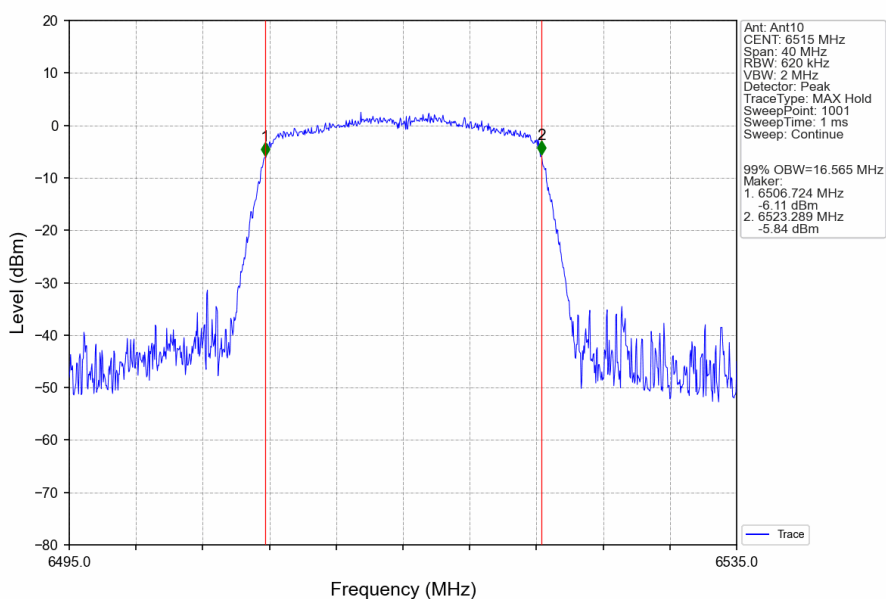
802.11a_LCH_6435MHz_Ant10_NTNV



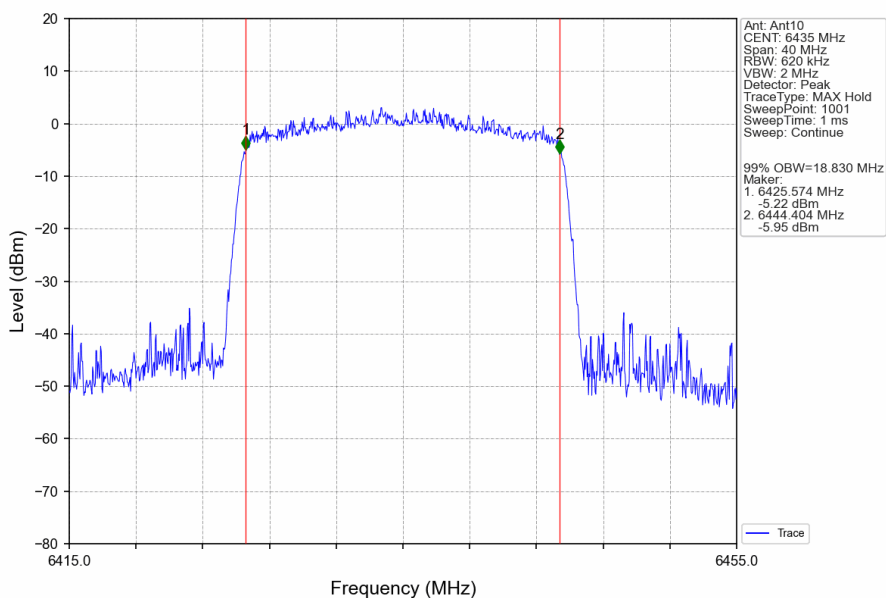
802.11a_MCH_6475MHz_Ant10_NTNV



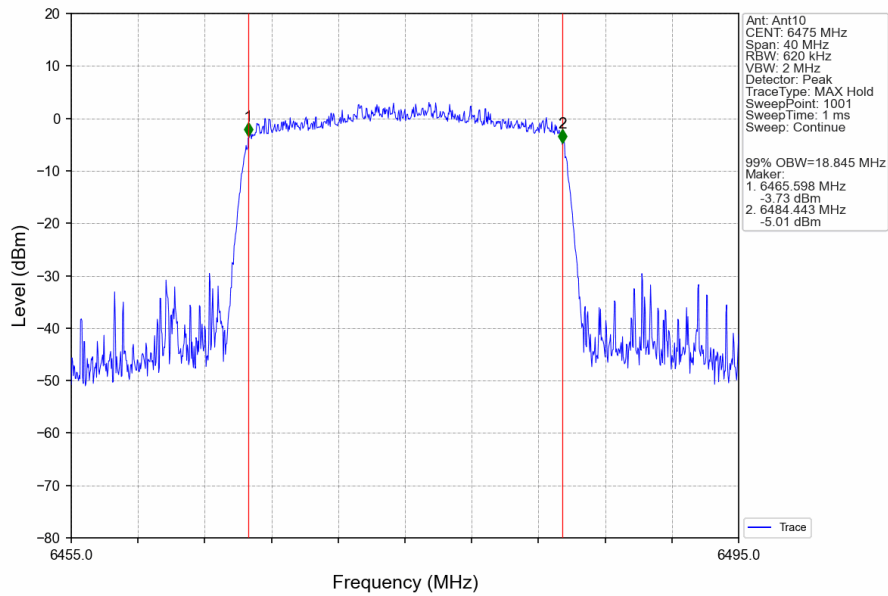
802.11a_HCH_6515MHz_Ant10_NTNV



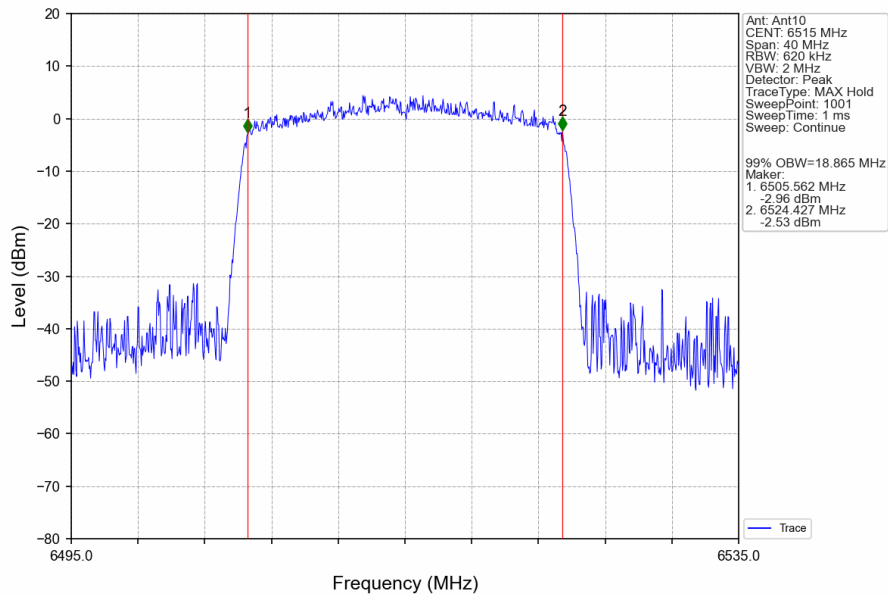
802.11ax(HEW20)_LCH_6435MHz_RU242_Left_Ant10_NTNV



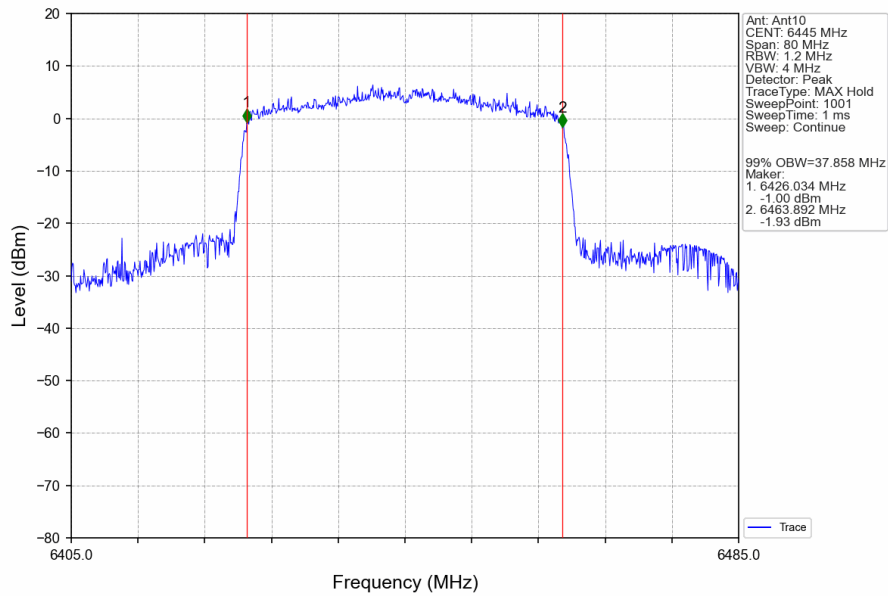
802.11ax(HEW20)_MCH_6475MHz_RU242_Left_Ant10_NTNV



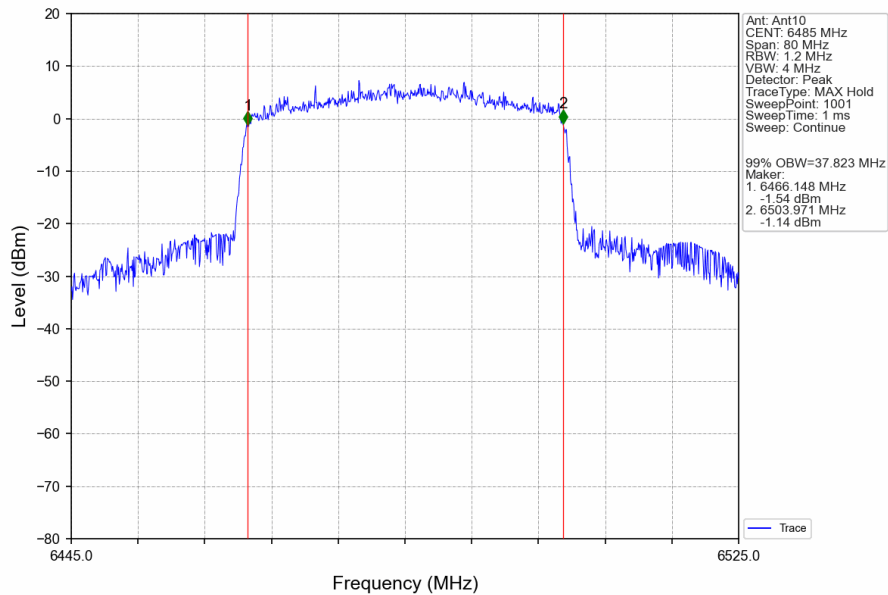
802.11ax(HEW20)_HCH_6515MHz_RU242_Left_Ant10_NTNV



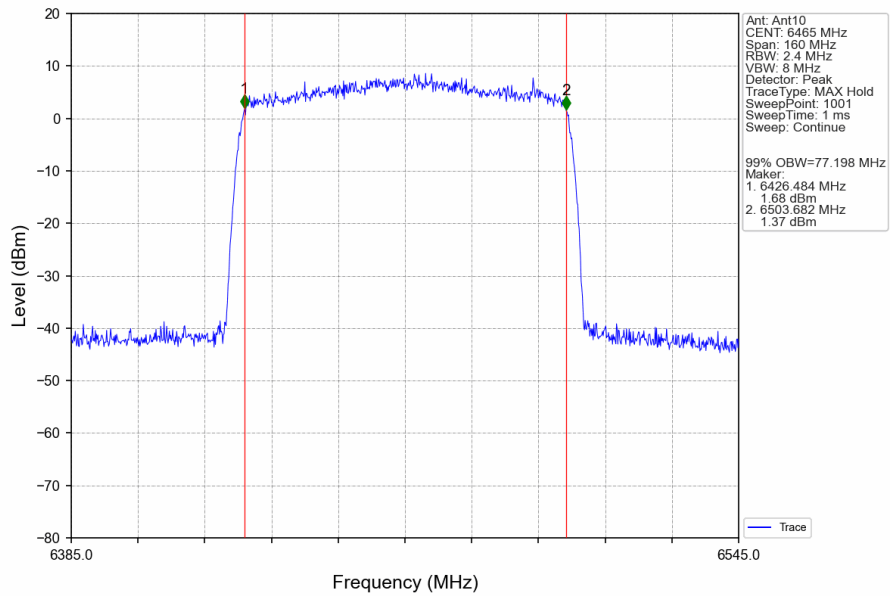
802.11ax(HEW40) LCH 6445MHz RU484 Left_Ant10 NTN



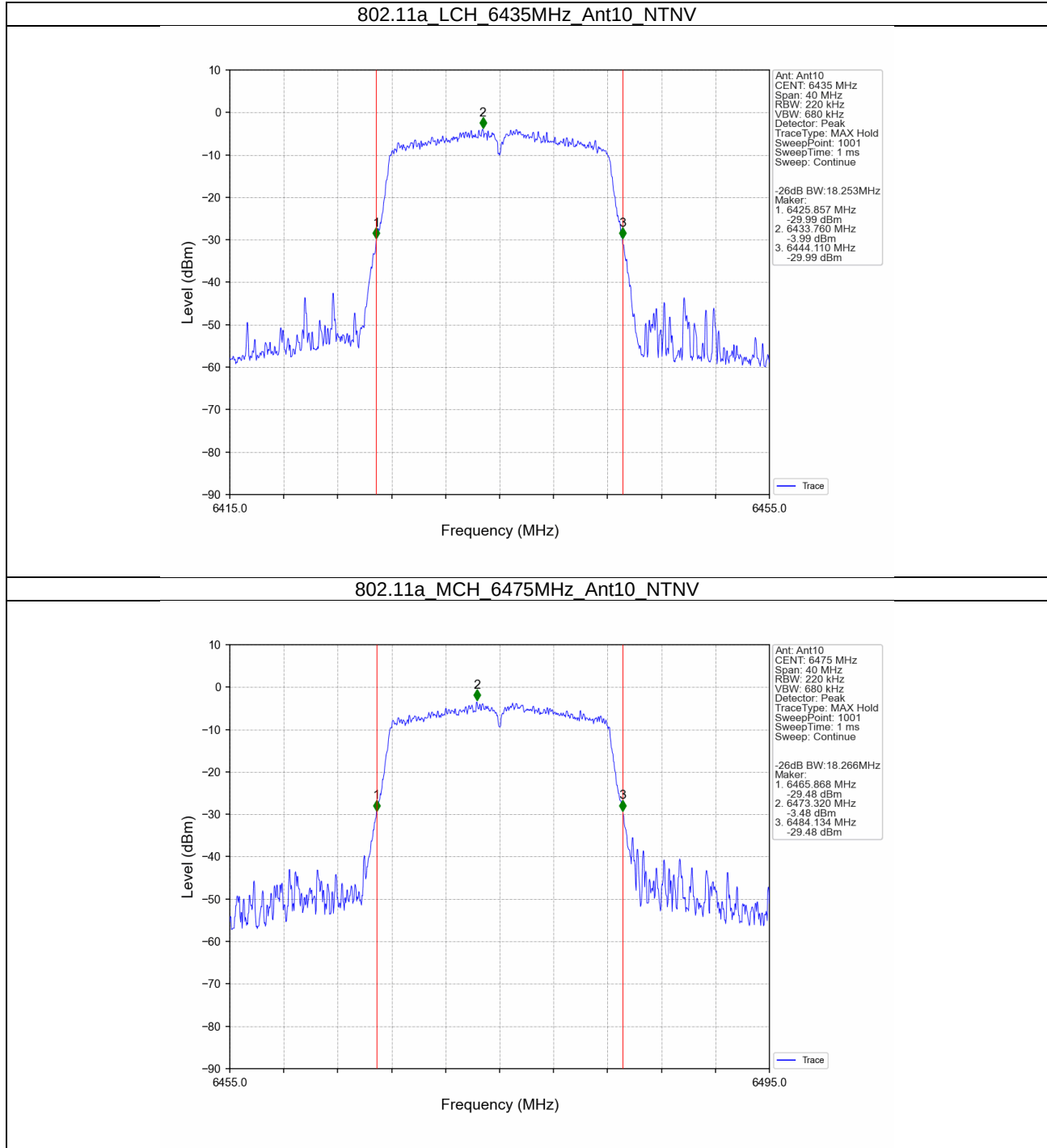
802.11ax(HEW40) MCH 6485MHz RU484 Left_Ant10 NTN



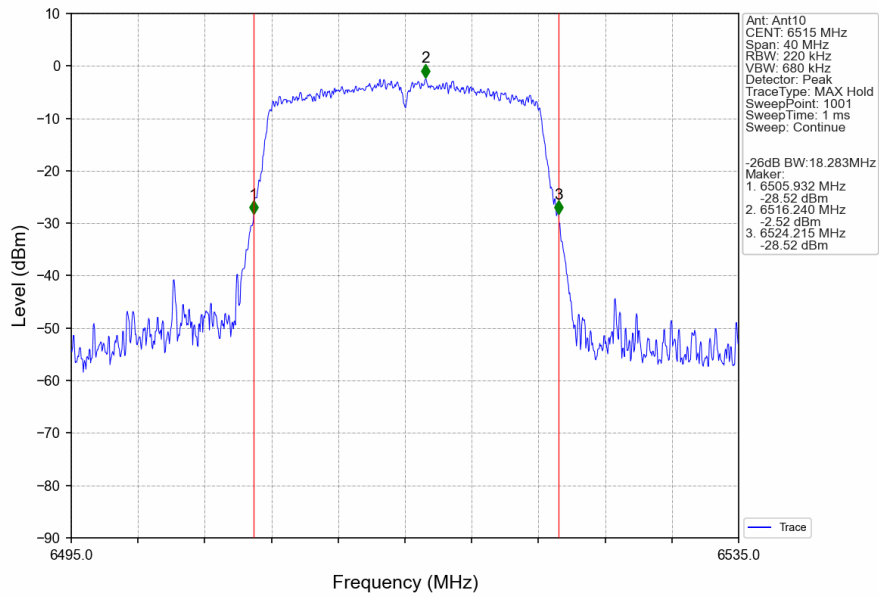
802.11ax(HEW80)_LCH_6465MHz_RU996_Left_Ant10_NTNV



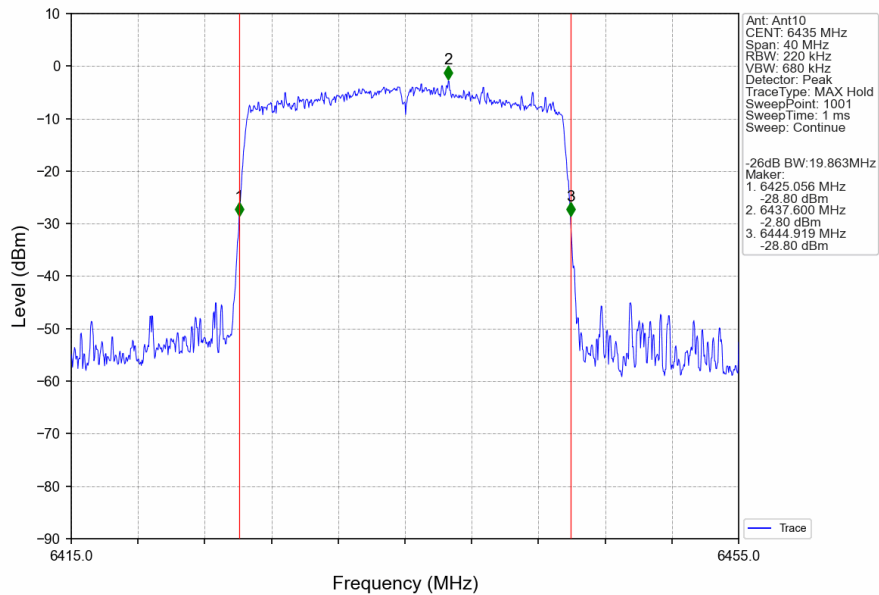
2.2.4 26dB BW



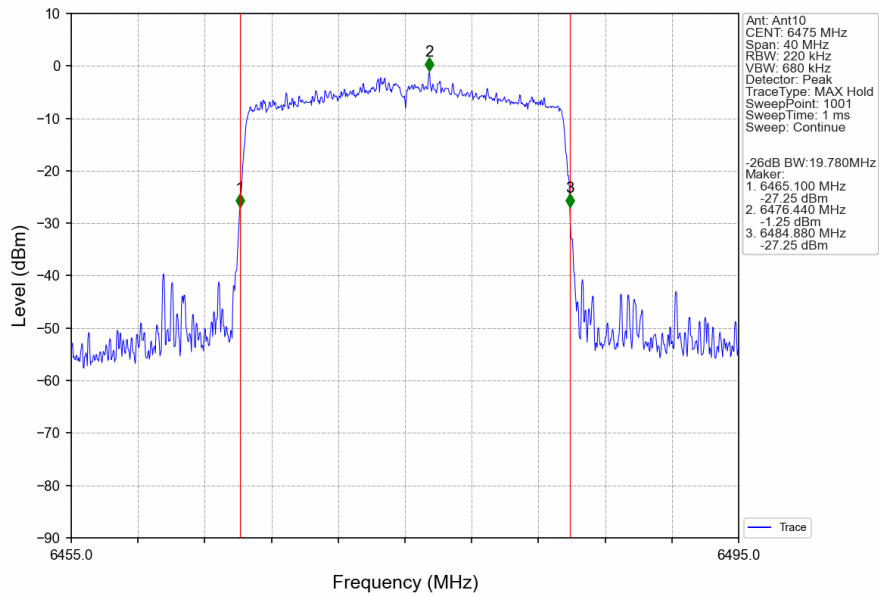
802.11a_HCH_6515MHz_Ant10_NTNV



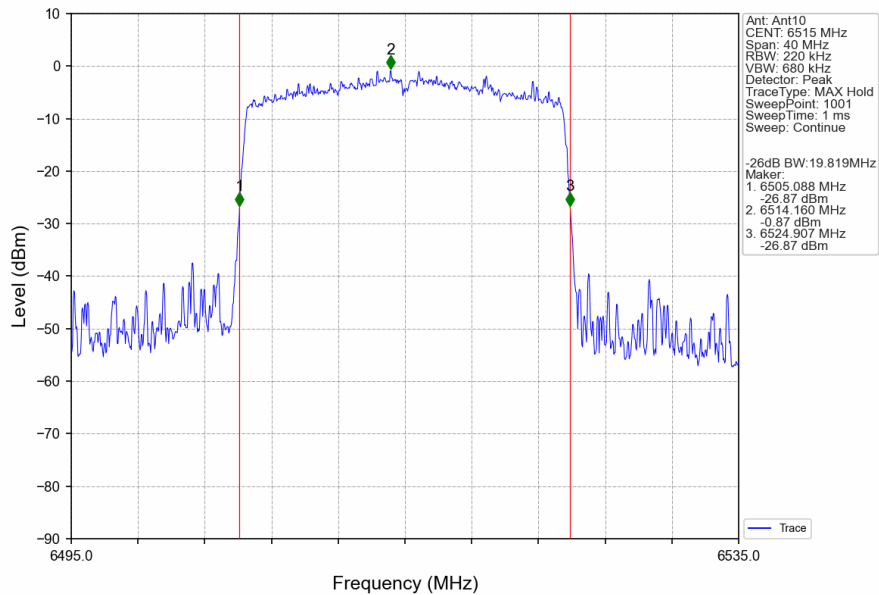
802.11ax(HEW20)_LCH_6435MHz_RU242_Left_Ant10_NTNV



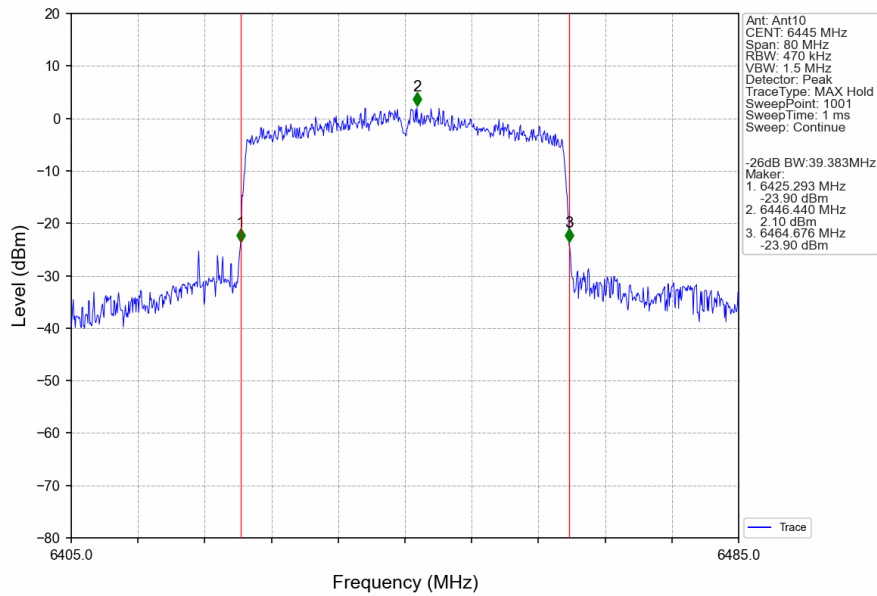
802.11ax(HEW20)_MCH_6475MHz_RU242_Left_Ant10_NTNV



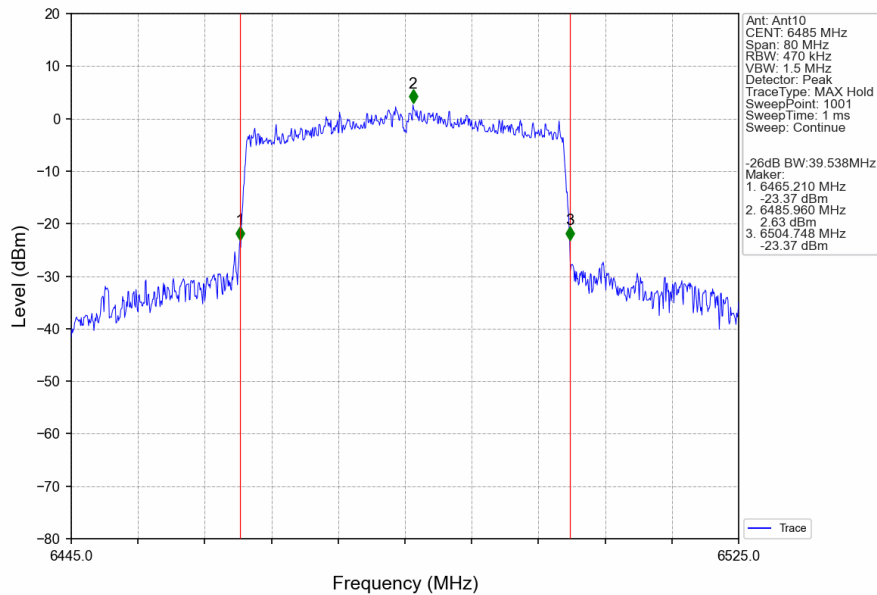
802.11ax(HEW20)_HCH_6515MHz_RU242_Left_Ant10_NTNV



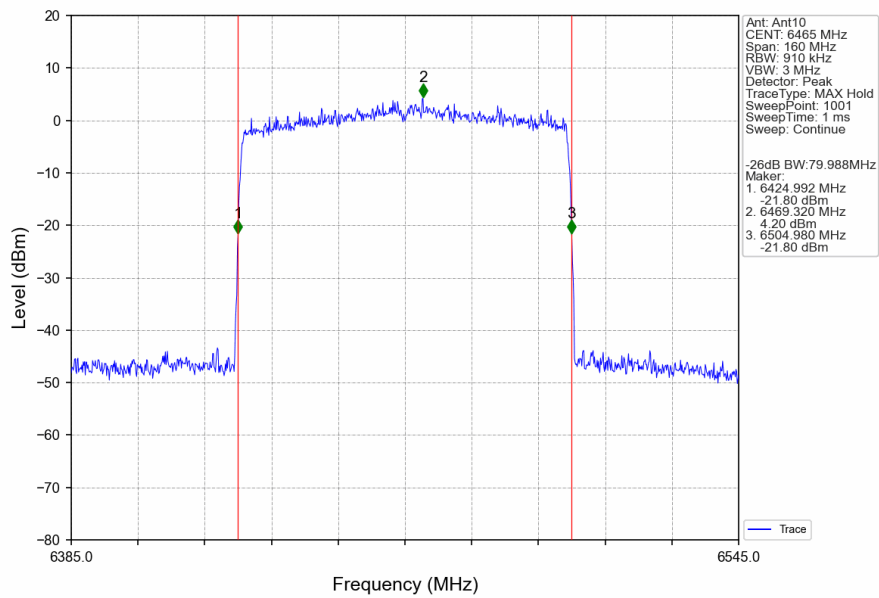
802.11ax(HEW40)_LCH_6445MHz_RU484_Left_Ant10_NTNV



802.11ax(HEW40)_MCH_6485MHz_RU484_Left_Ant10_NTNV

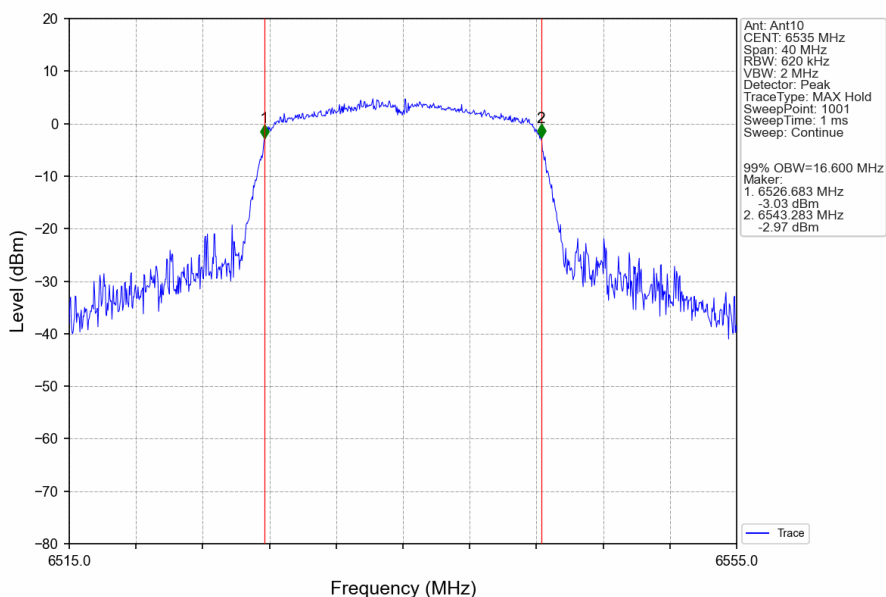


802.11ax(HEW80)_LCH_6465MHz_RU996_Left_Ant10_NTNV

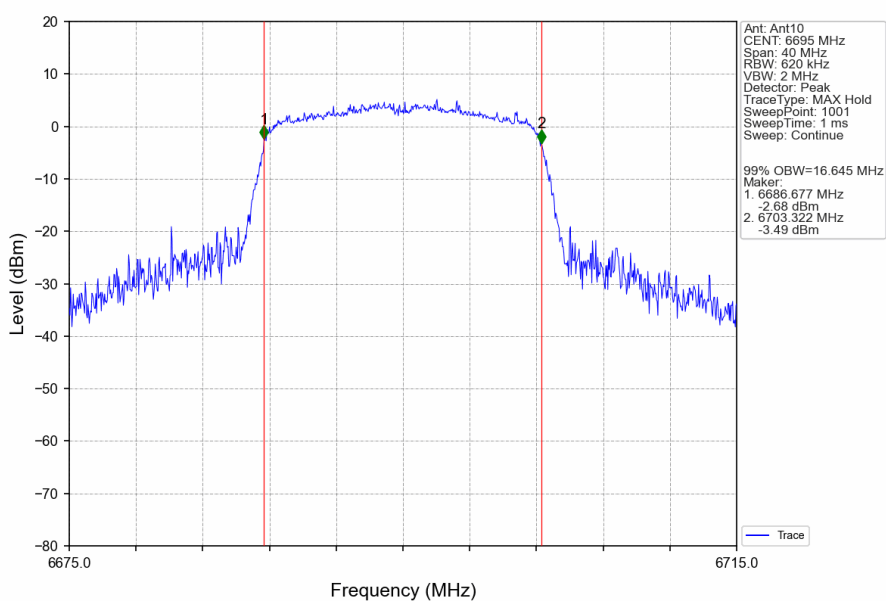


2.2.5 OBW

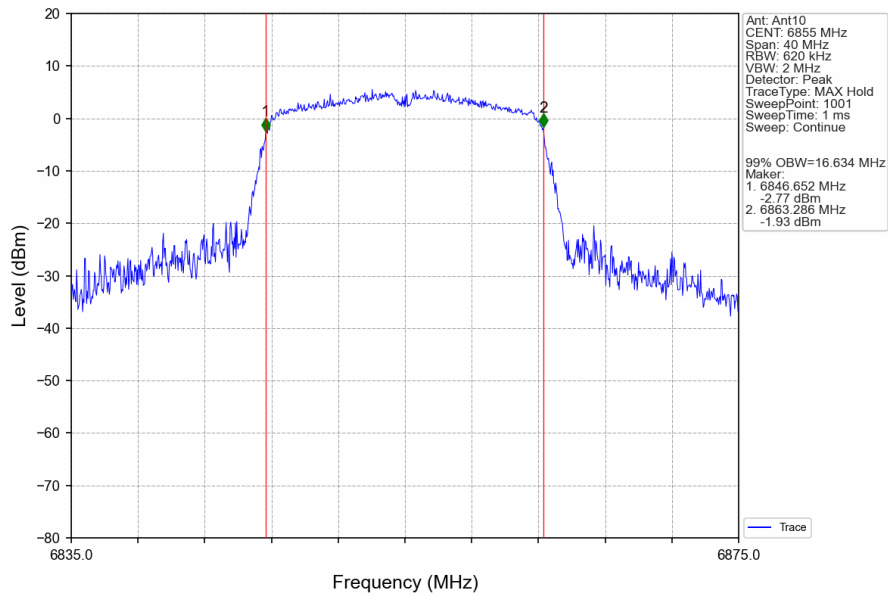
802.11a_LCH_6535MHz_Ant10_NTNV



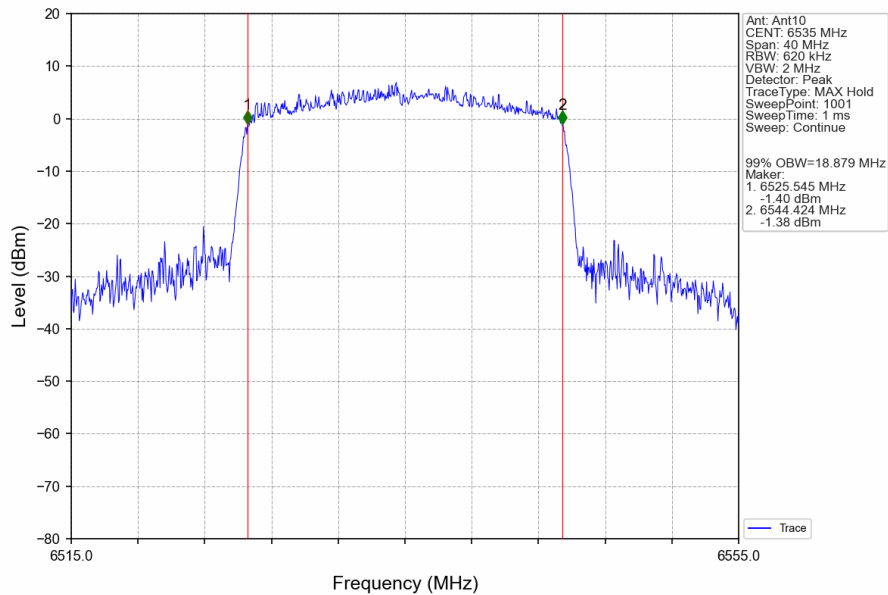
802.11a_MCH_6695MHz_Ant10_NTNV



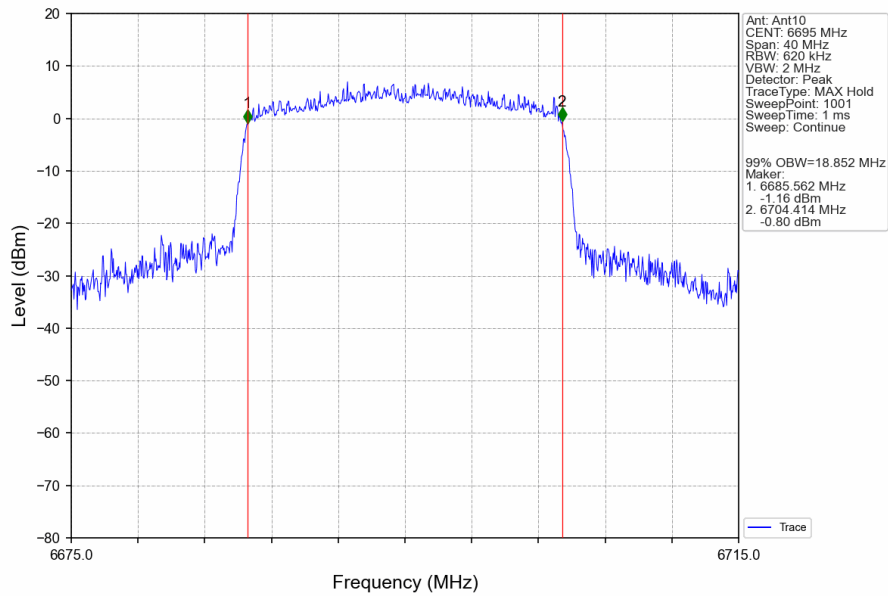
802.11a_HCH_6855MHz_Ant10_NTNV



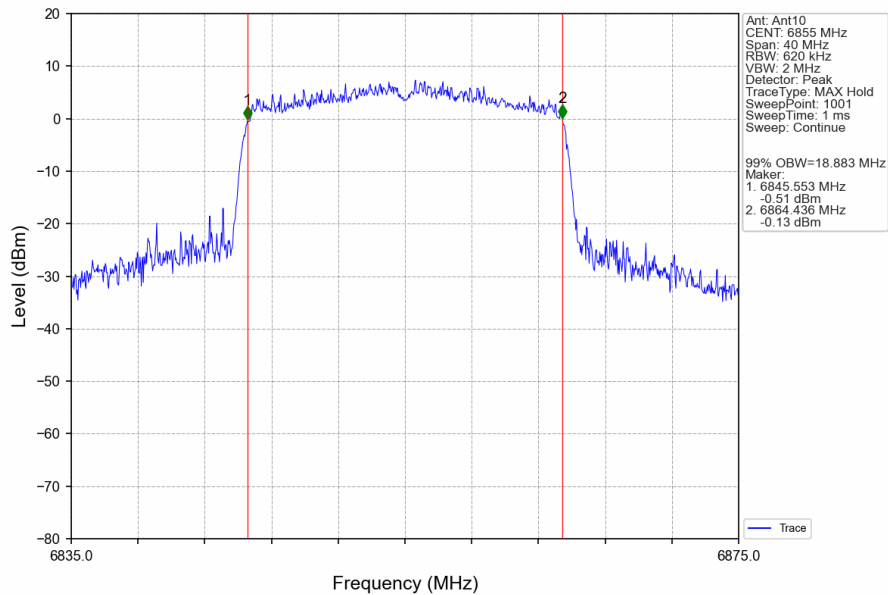
802.11ax(HEW20)_LCH_6535MHz_RU242_Left_Ant10_NTNV



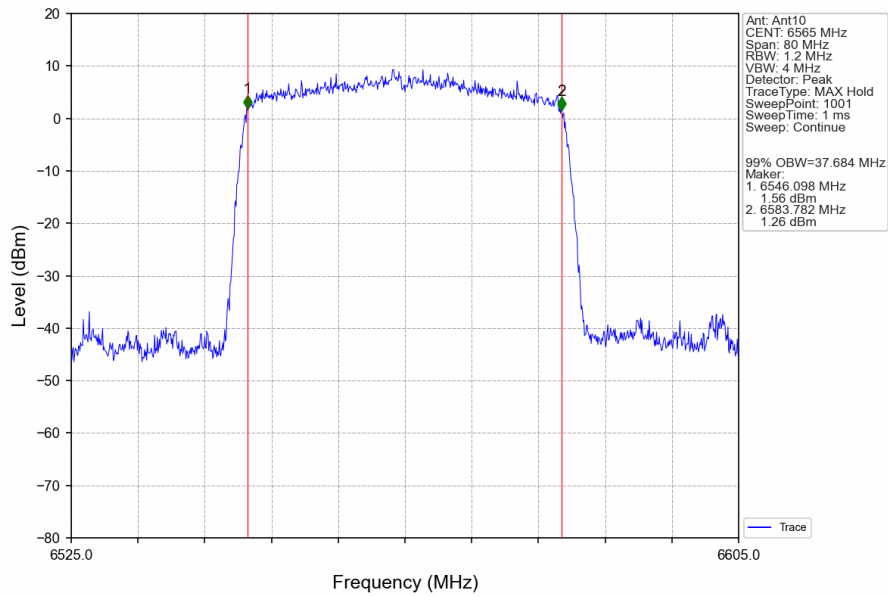
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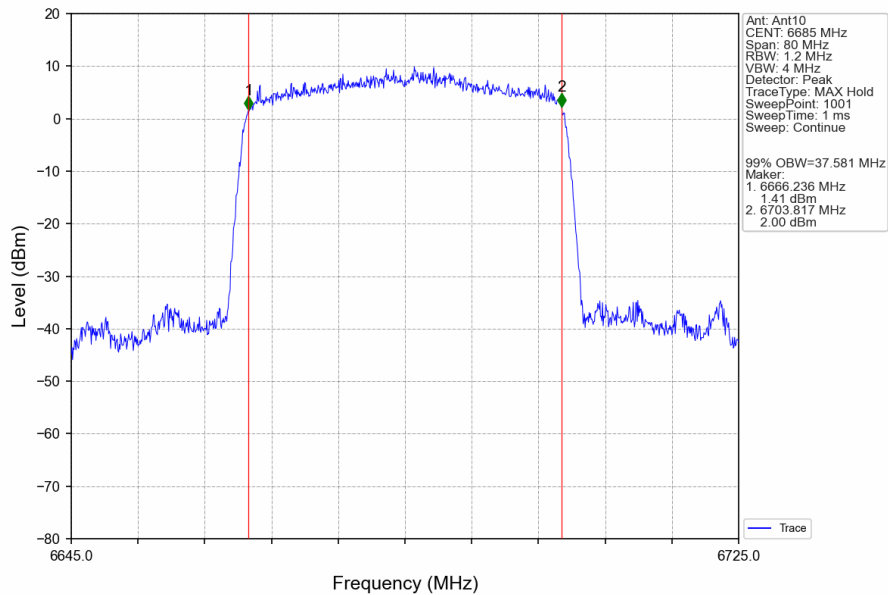
802.11ax(HEW20)_HCH_6855MHz_RU242_Left_Ant10_NTNV



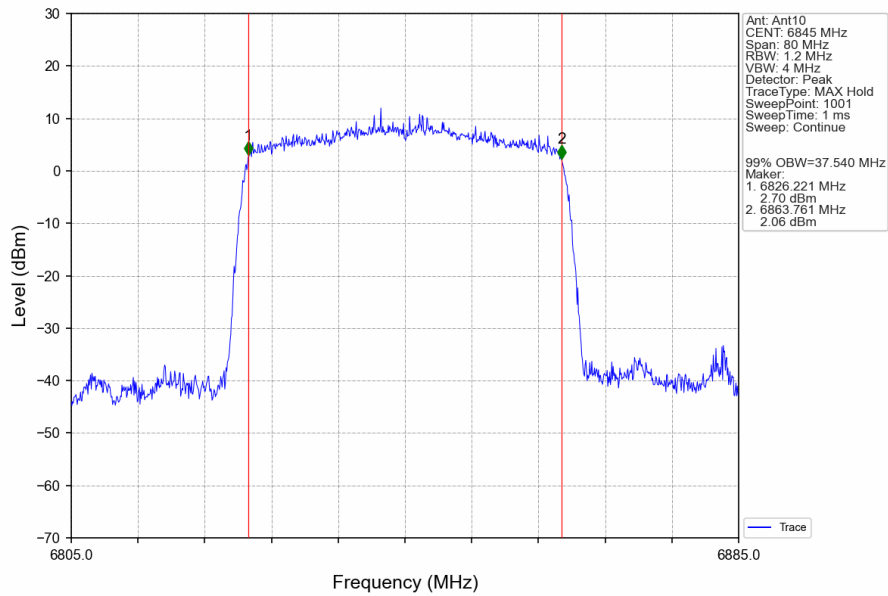
802.11ax(HEW40) LCH 6565MHz RU484 Left_Ant10 NTN



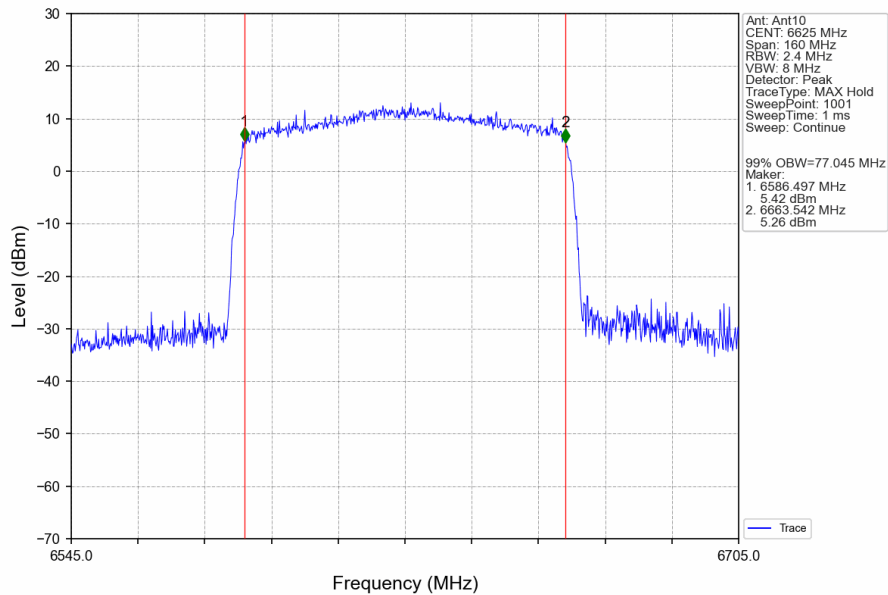
802.11ax(HEW40) MCH 6685MHz RU484 Left_Ant10 NTN



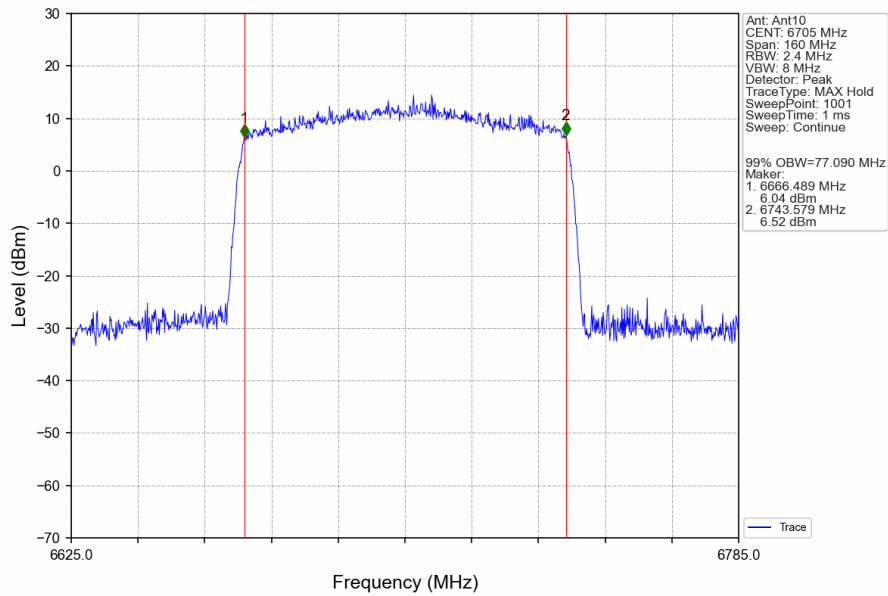
802.11ax(HEW40)_HCH_6845MHz_RU484_Left_Ant10_NTNV



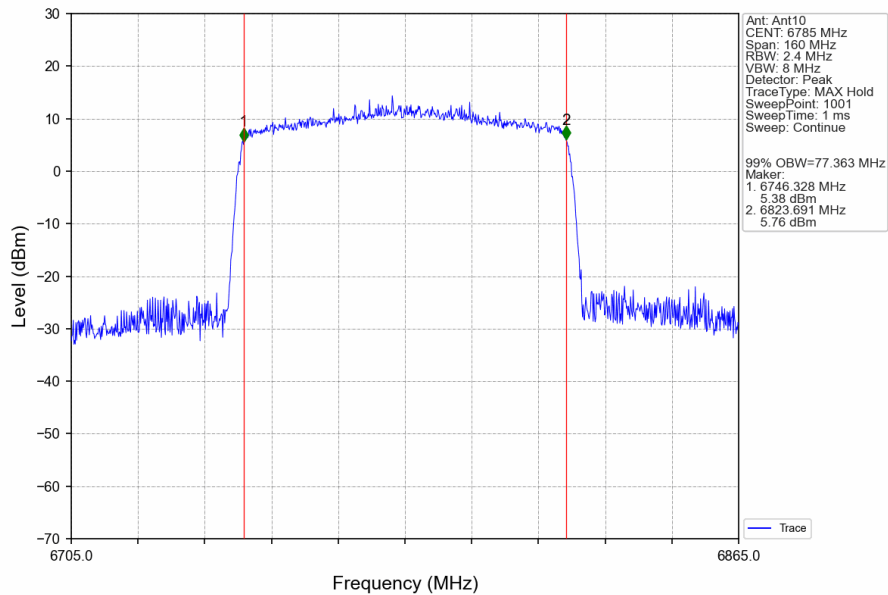
802.11ax(HEW80)_LCH_6625MHz_RU996_Left_Ant10_NTNV



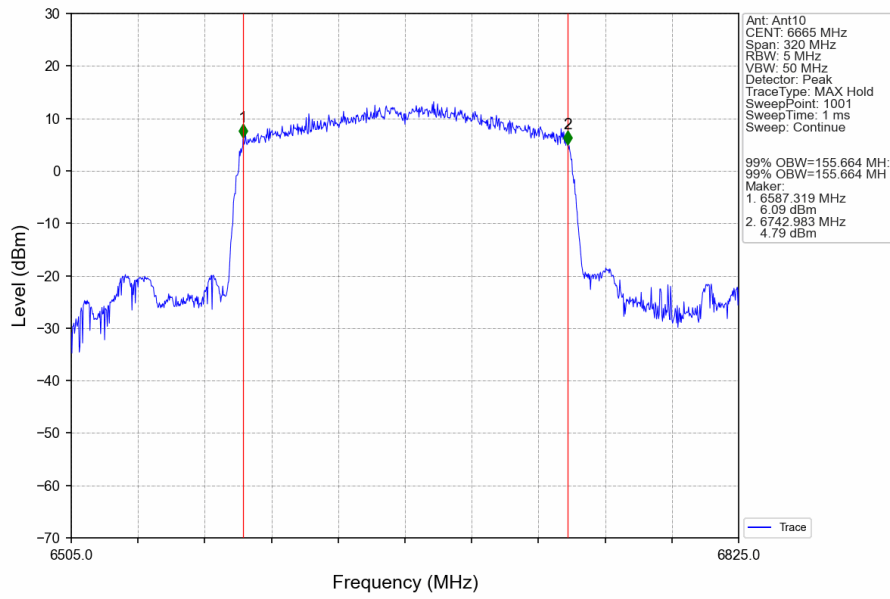
802.11ax(HEW80) MCH_6705MHz_RU996_Left_Ant10_NTNV



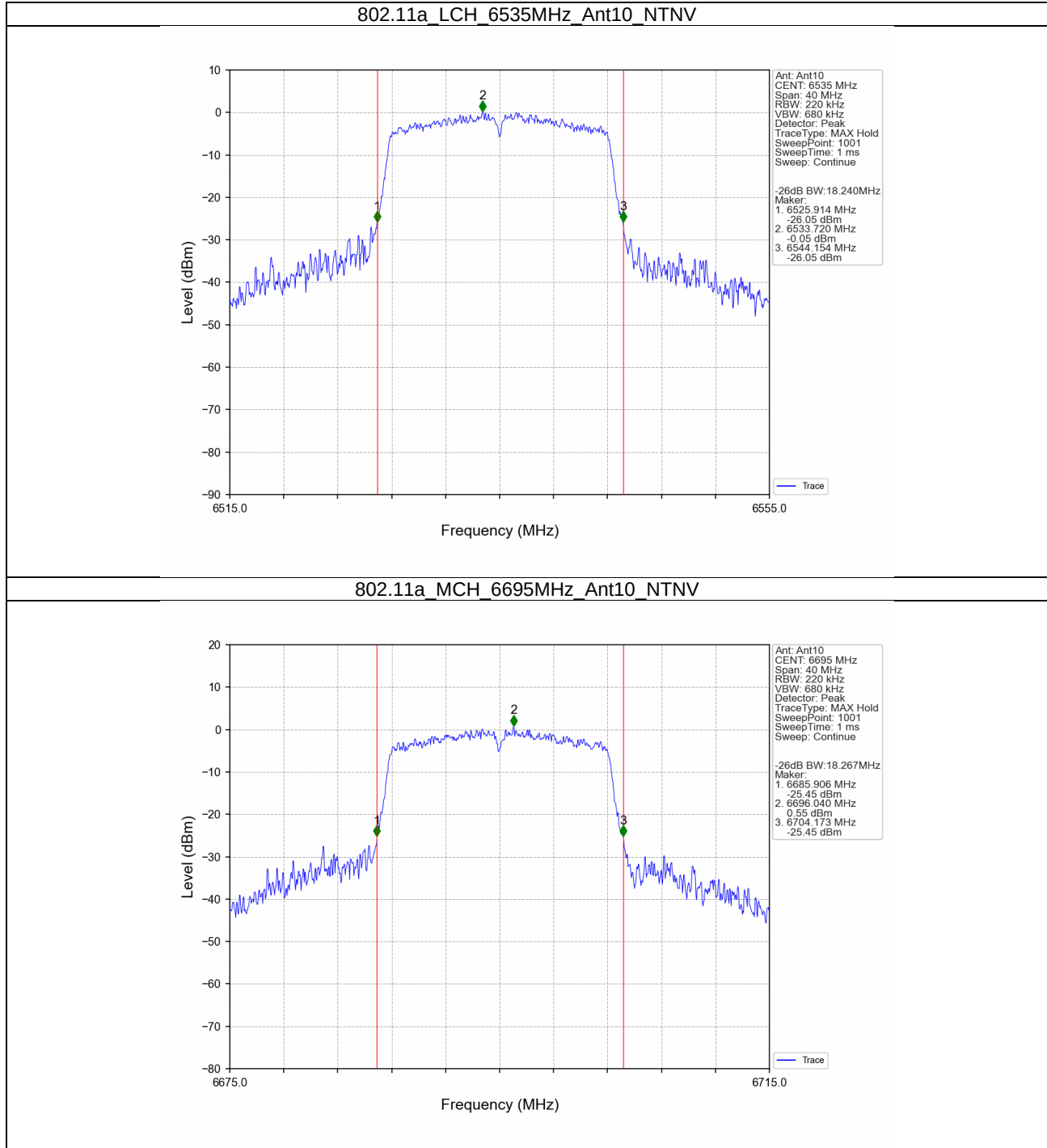
802.11ax(HEW80) HCH_6785MHz_RU996_Left_Ant10_NTNV



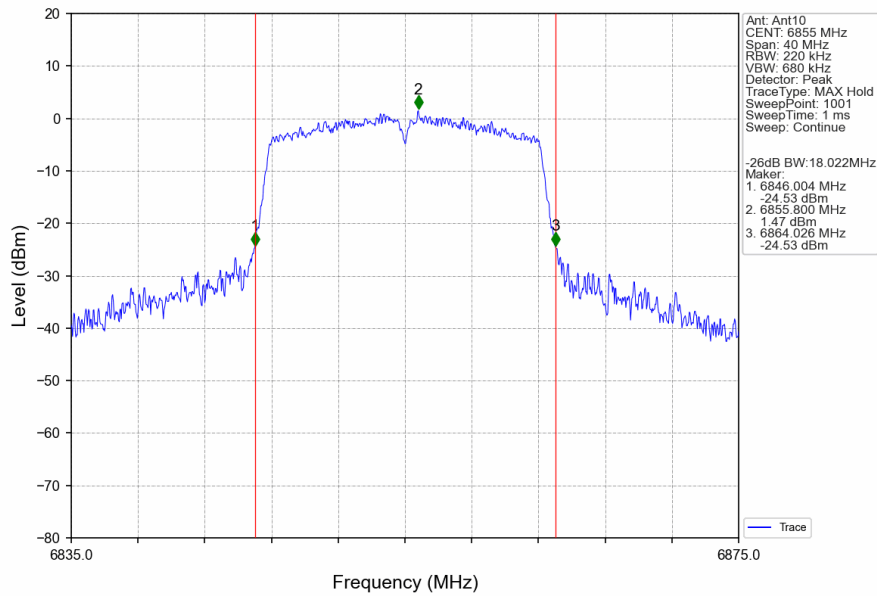
802.11ax(HEW160)_MCH_6665MHz_2xRU996_Left_Ant10_NTNV



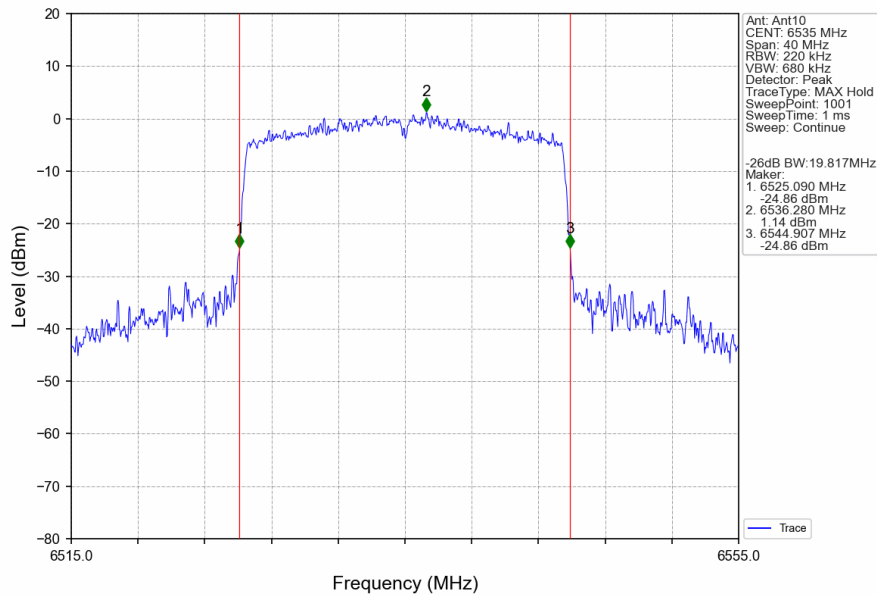
2.2.6 26dB BW



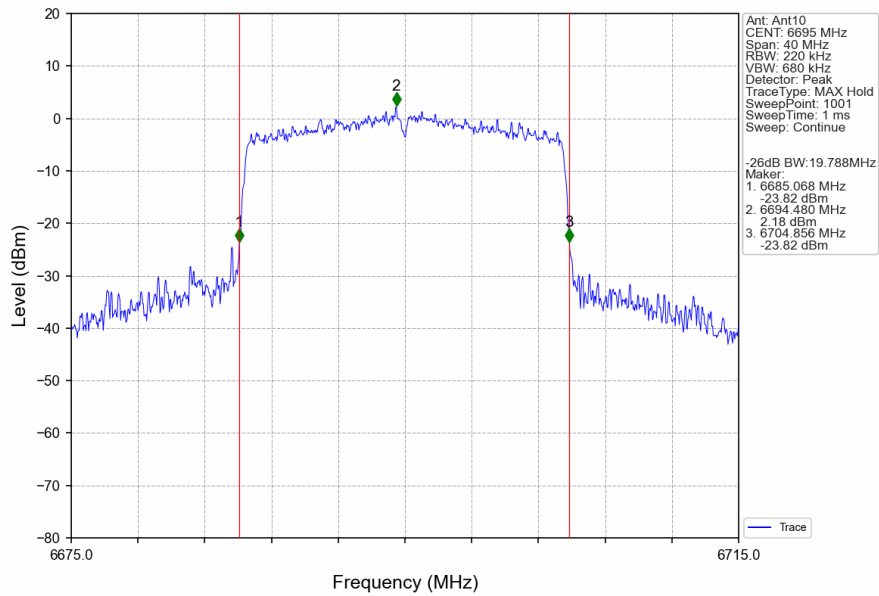
802.11a_HCH_6855MHz_Ant10_NTNV



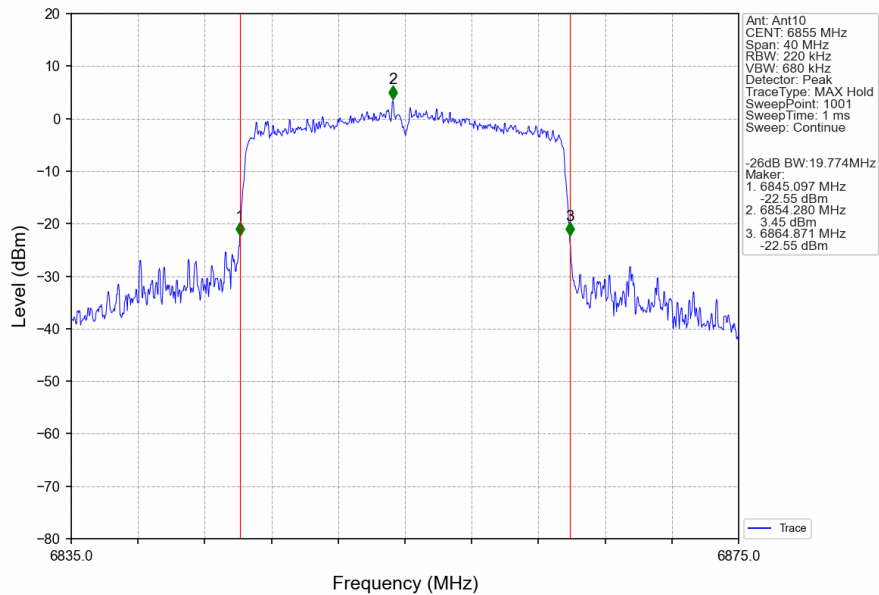
802.11ax(HEW20)_LCH_6535MHz_RU242_Left_Ant10_NTNV



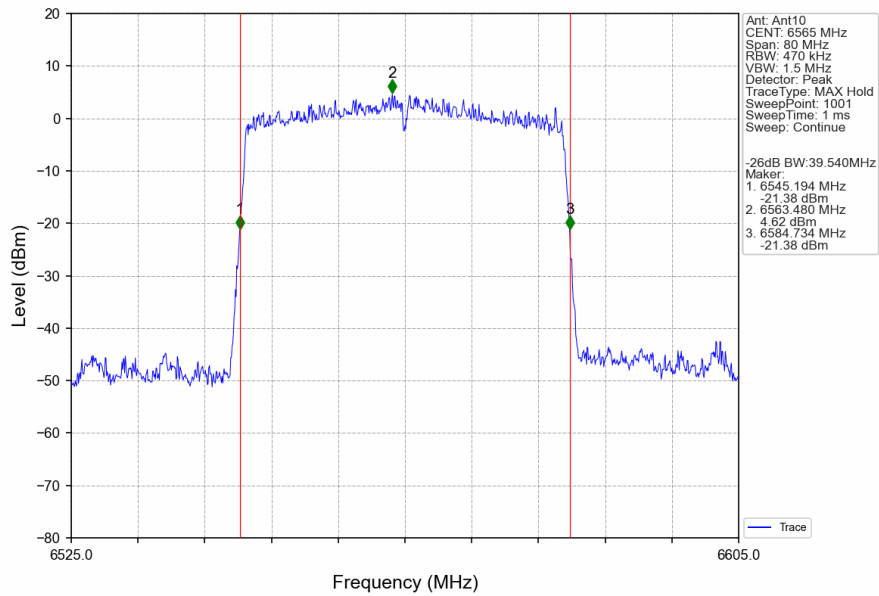
802.11ax(HEW20) MCH_6695MHz_RU242_Left_Ant10_NTNV



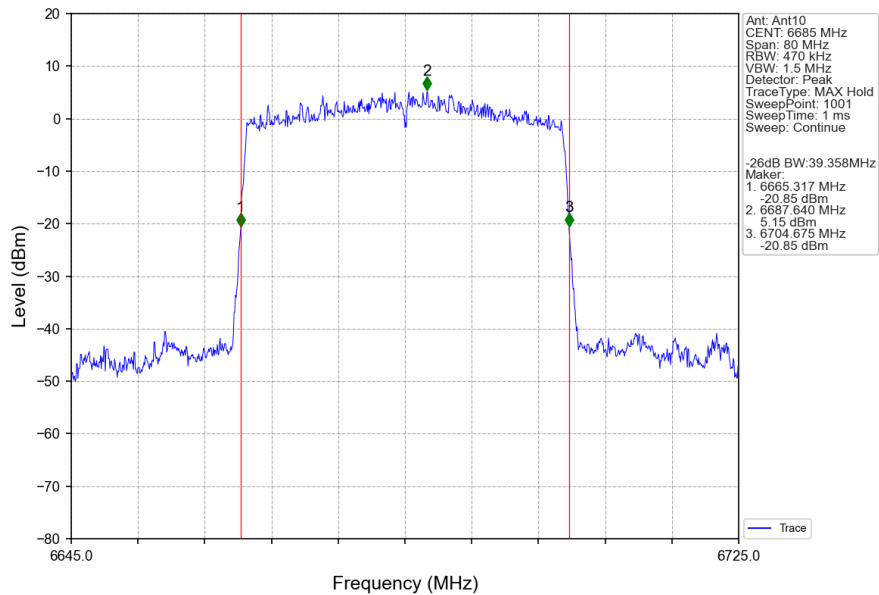
802.11ax(HEW20) HCH_6855MHz_RU242_Left_Ant10_NTNV



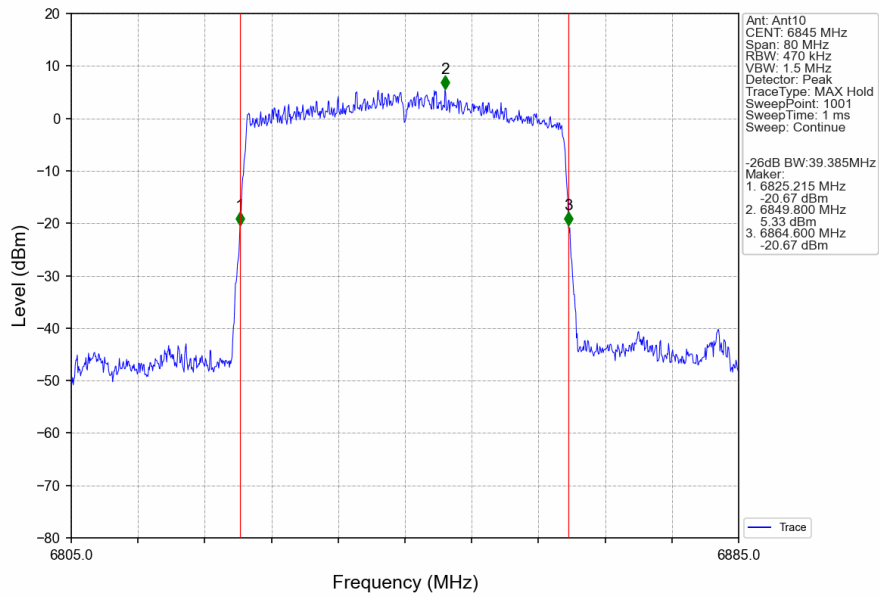
802.11ax(HEW40)_LCH_6565MHz_RU484_Left_Ant10_NTNV



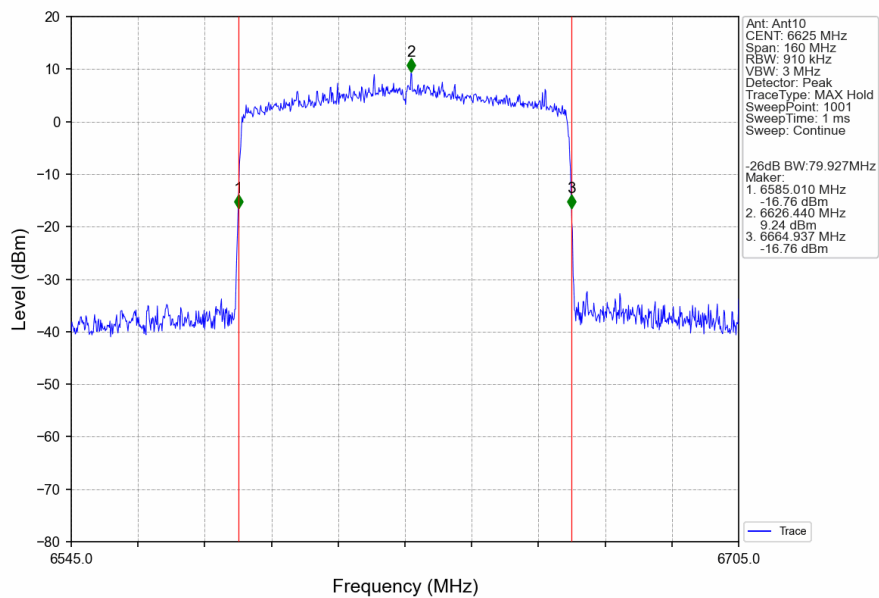
802.11ax(HEW40)_MCH_6685MHz_RU484_Left_Ant10_NTNV



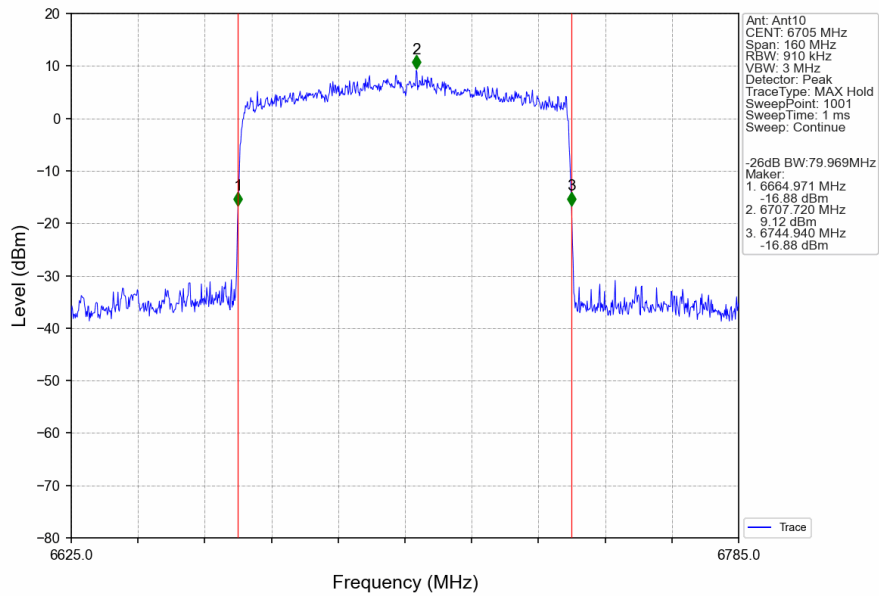
802.11ax(HEW40)_HCH_6845MHz_RU484_Left_Ant10_NTNV



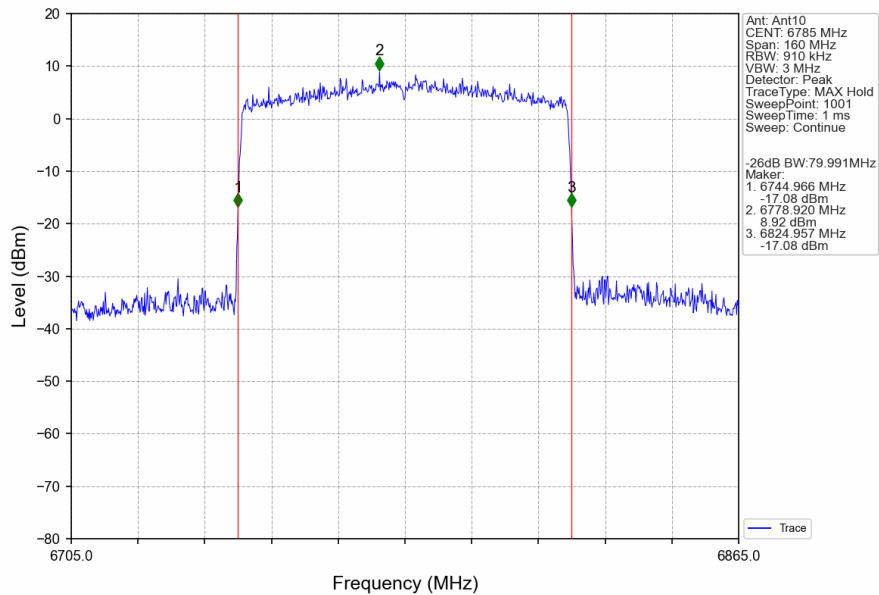
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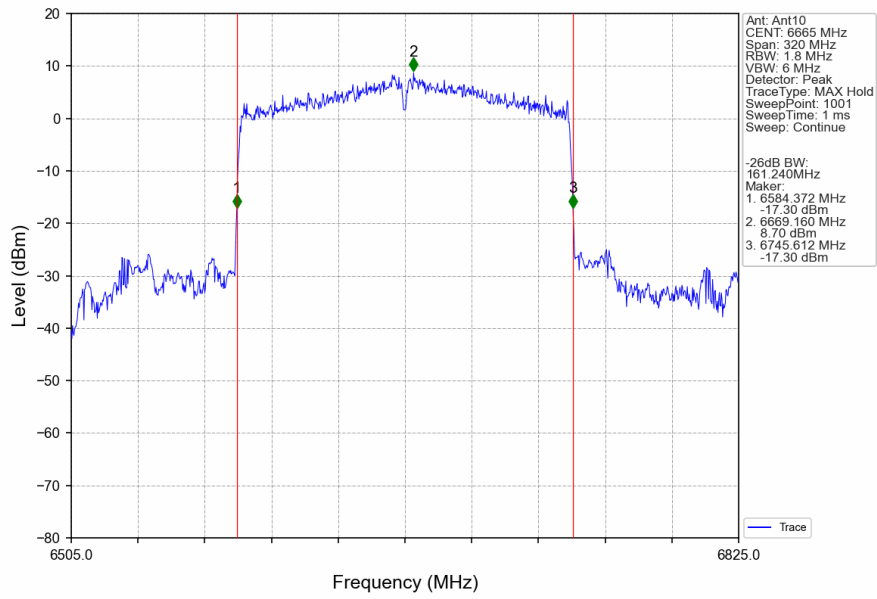
802.11ax(HEW80) MCH_6705MHz_RU996_Left_Ant10_NTNV



802.11ax(HEW80) HCH_6785MHz_RU996_Left_Ant10_NTNV

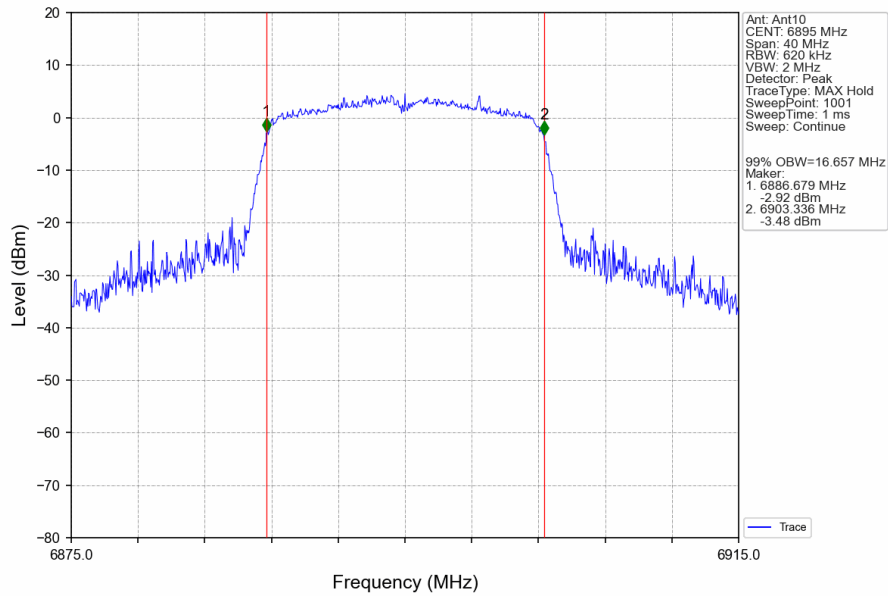


802.11ax(HEW160)_MCH_6665MHz_2xRU996_Left_Ant10_NTNV

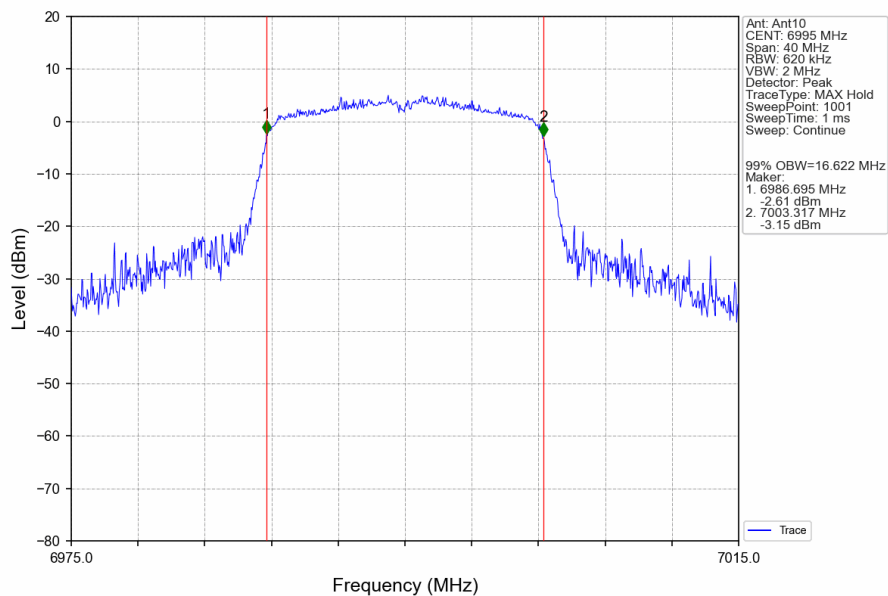


2.2.7 OBW

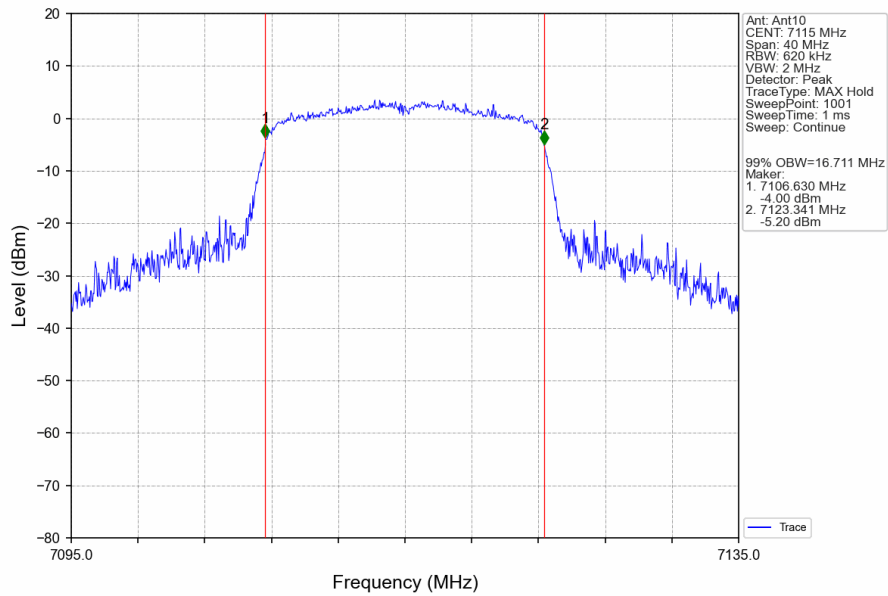
802.11a_LCH_6895MHz_Ant10_NTNV



802.11a_MCH_6995MHz_Ant10_NTNV



802.11a_HCH_7115MHz_Ant10_NTNV



802.11ax(HEW20)_LCH_6895MHz_RU242_Left_Ant10_NTNV

