

Appendix RF test data for 6G WIFI_1

1. Duty Cycle

1.1 Test Result

Remark: Both Ant1 and Ant2 was test and recorded worst result of Ant 1.

1.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	MIMO	5955	SU	/	3.979	4.028	98.78	0.05	0.03
			6175	SU	/	3.979	4.028	98.78	0.05	0.03
			6415	SU	/	3.979	4.028	98.78	0.05	0.07
	802.11ax (HEW40)	MIMO	5965	SU	/	3.983	4.034	98.74	0.06	0.10
			6165	SU	/	3.982	4.032	98.76	0.05	0.10
			6405	SU	/	3.983	4.033	98.76	0.05	0.10
	802.11ax (HEW80)	MIMO	5985	SU	/	3.983	4.032	98.78	0.05	0.03
			6145	SU	/	3.994	4.103	97.34	0.12	1.72
			6385	SU	/	3.983	4.032	98.78	0.05	0.03
	802.11ax (HEW160)	MIMO	6025	SU	/	2.306	2.354	97.96	0.09	0.03
			6185	SU	/	2.306	2.381	96.85	0.14	1.19
			6345	SU	/	2.306	2.354	97.96	0.09	0.07

1.1.2 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	MIMO	6435	SU	/	3.979	4.028	98.78	0.05	0.07
			6475	SU	/	3.979	4.028	98.78	0.05	0.07
			6515	SU	/	3.979	4.028	98.78	0.05	0.07
	802.11ax (HEW40)	MIMO	6445	SU	/	3.983	4.032	98.78	0.05	0.07
			6485	SU	/	3.983	4.033	98.76	0.05	0.07
	802.11ax (HEW80)	MIMO	6465	SU	/	3.983	4.032	98.78	0.05	0.03

1.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	MIMO	6535	SU	/	3.978	4.029	98.73	0.06	0.10
			6695	SU	/	3.979	4.028	98.78	0.05	0.07
			6855	SU	/	3.979	4.030	98.73	0.06	0.10
	802.11ax (HEW40)	MIMO	6565	SU	/	3.983	4.033	98.76	0.05	0.10
			6685	SU	/	3.983	4.033	98.76	0.05	0.07
			6845	SU	/	3.982	4.032	98.76	0.05	0.07
	802.11ax (HEW80)	MIMO	6625	SU	/	3.982	4.032	98.76	0.05	0.07
			6705	SU	/	3.982	4.030	98.81	0.05	0.04
			6785	SU	/	3.983	4.032	98.78	0.05	0.07
	802.11ax (HEW160)	MIMO	6665	SU	/	2.305	2.355	97.88	0.09	0.13

1.1.4 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	MIMO	6895	SU	/	3.979	4.028	98.78	0.05	0.03
			6995	SU	/	3.978	4.055	98.10	0.08	0.72
			7115	SU	/	3.979	4.028	98.78	0.05	0.07
	802.11ax (HEW40)	MIMO	6925	SU	/	3.983	4.033	98.76	0.05	0.07
			7005	SU	/	3.982	4.030	98.81	0.05	0.04
			7085	SU	/	3.983	4.032	98.78	0.05	0.03
	802.11ax (HEW80)	MIMO	6945	SU	/	3.982	4.032	98.76	0.05	0.07
			7025	SU	/	3.982	4.031	98.78	0.05	0.03
	802.11ax (HEW160)	MIMO	6985	SU	/	2.306	2.355	97.92	0.09	0.07

1.1.5 Ant1

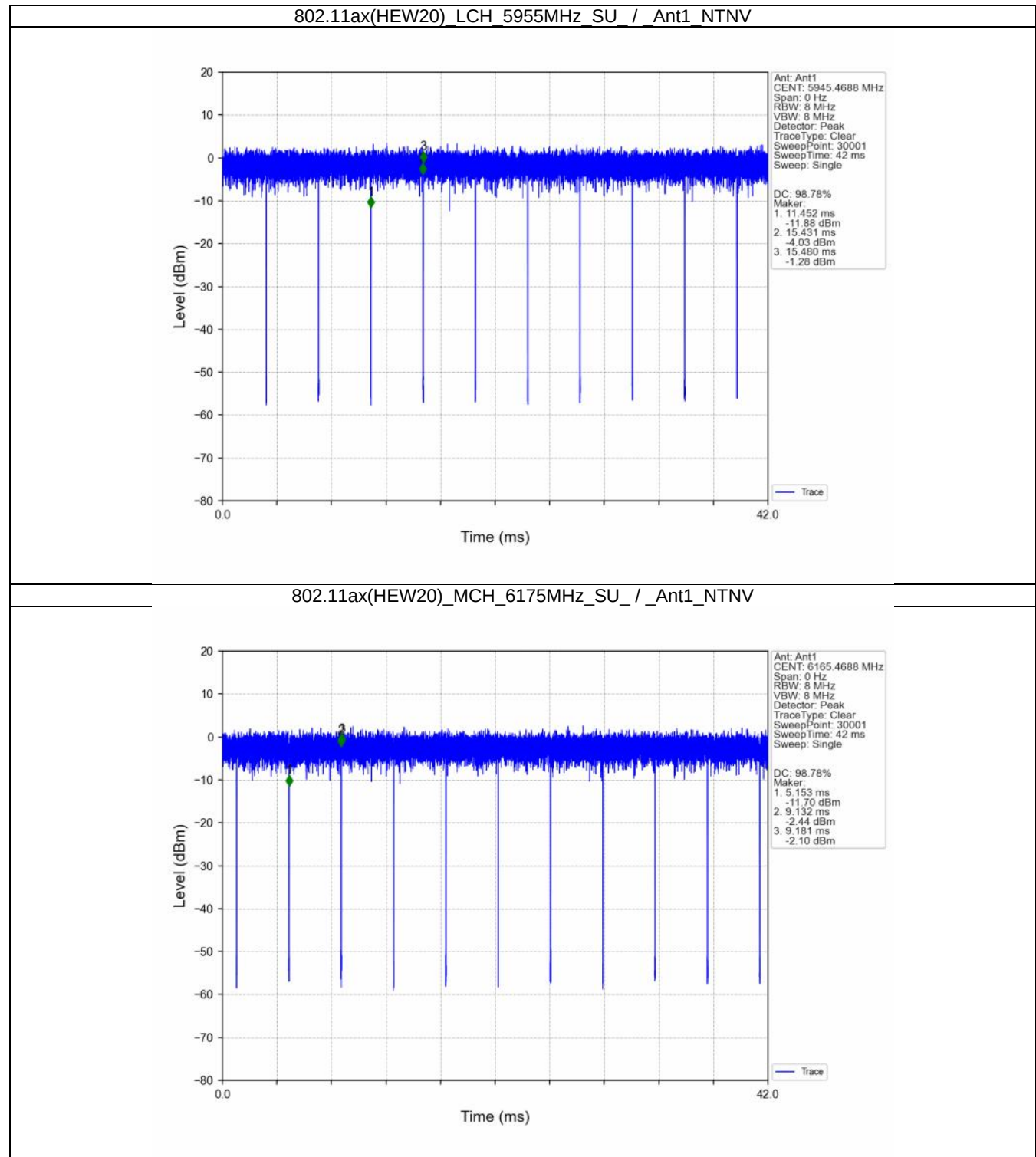
Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW20)	MIMO	6875	SU	/	3.979	4.028	98.78	0.05	0.03
	802.11ax (HEW40)	MIMO	6885	SU	/	3.983	4.032	98.78	0.05	0.03
	802.11ax (HEW80)	MIMO	6865	SU	/	3.983	4.032	98.78	0.05	0.07
	802.11ax (HEW160)	MIMO	6825	SU	/	2.305	2.354	97.92	0.09	0.07

1.1.6 Ant1

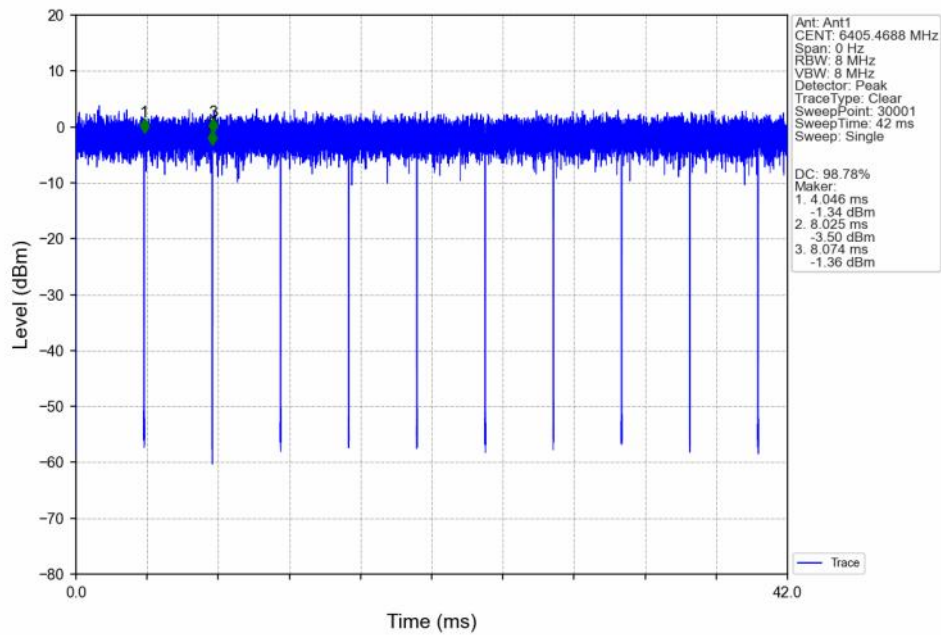
Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11ax (HEW40)	MIMO	6525	SU	/	3.983	4.032	98.78	0.05	0.07
	802.11ax (HEW80)	MIMO	6545	SU	/	3.982	4.032	98.76	0.05	0.07
	802.11ax (HEW160)	MIMO	6505	SU	/	2.306	2.355	97.92	0.09	0.13

1.2 Test Graph

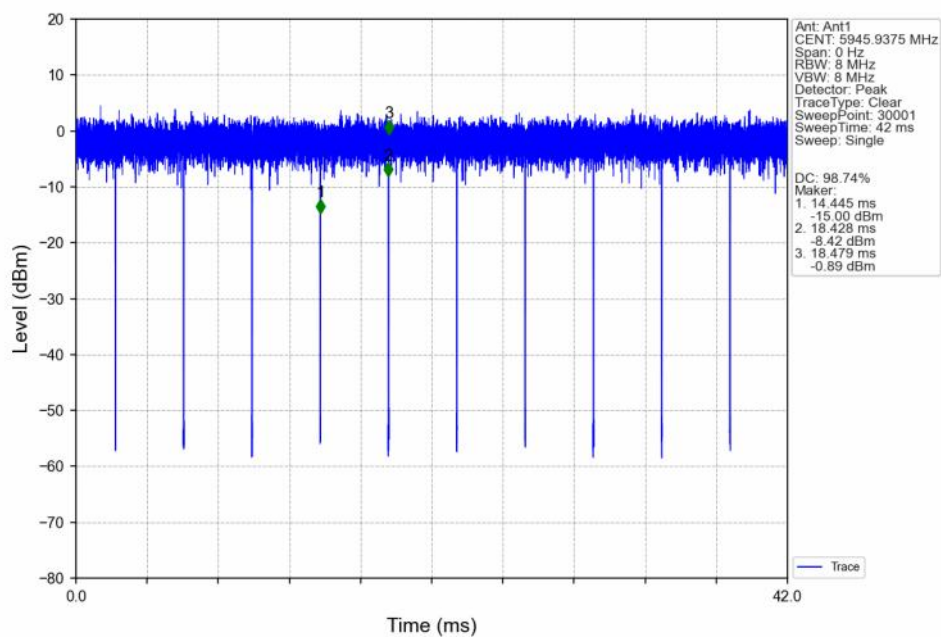
1.2.1 Ant1



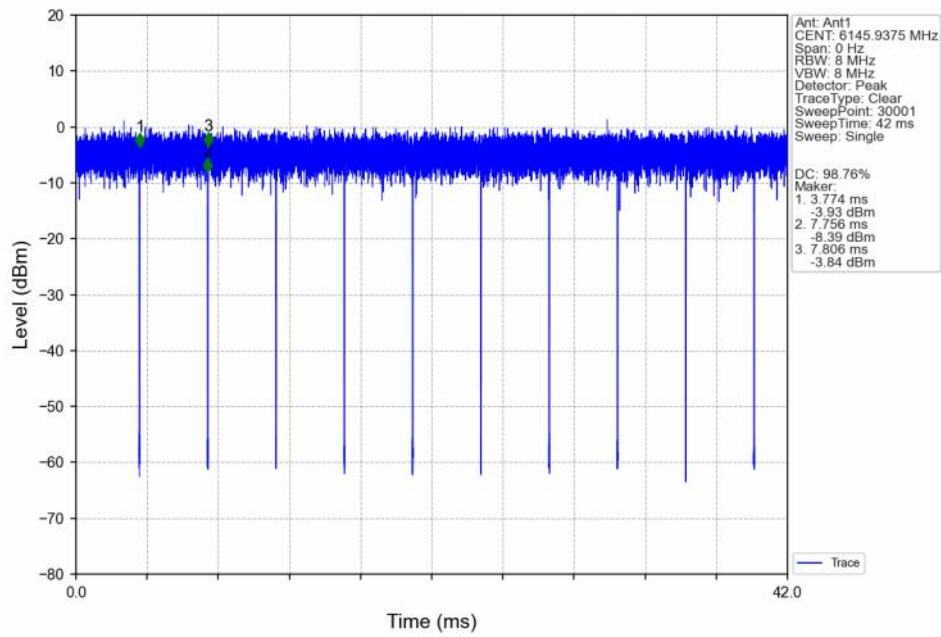
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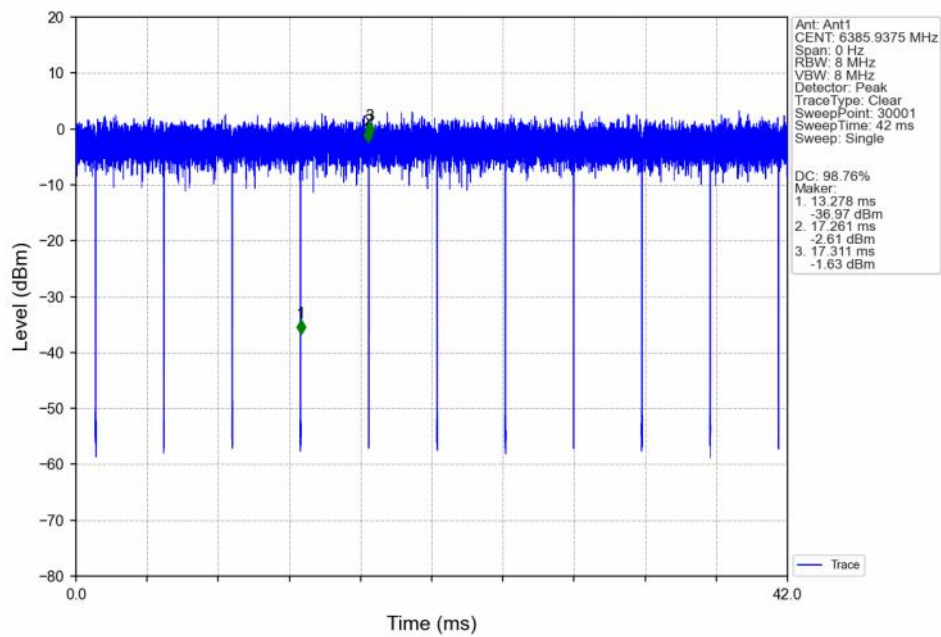
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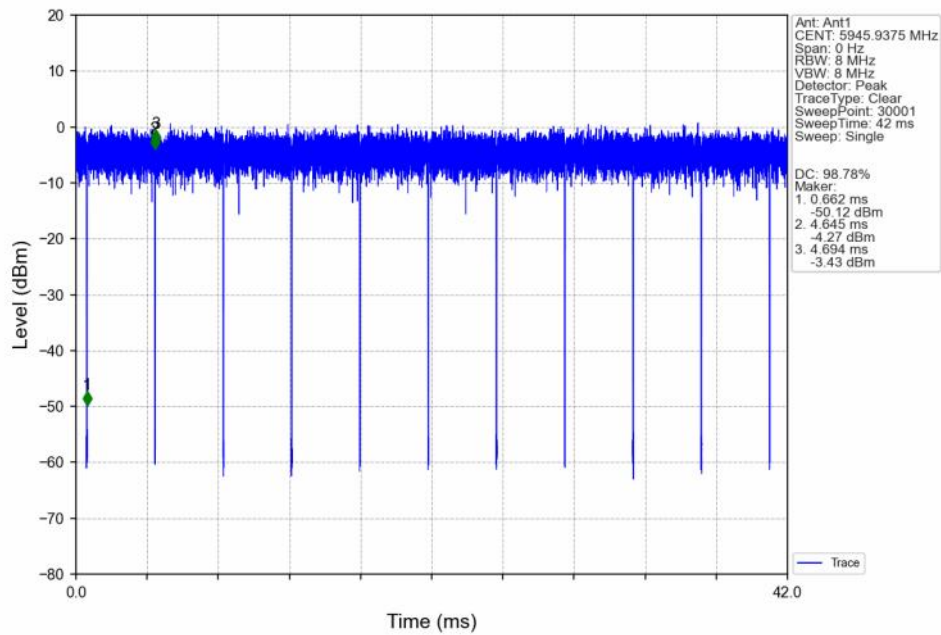
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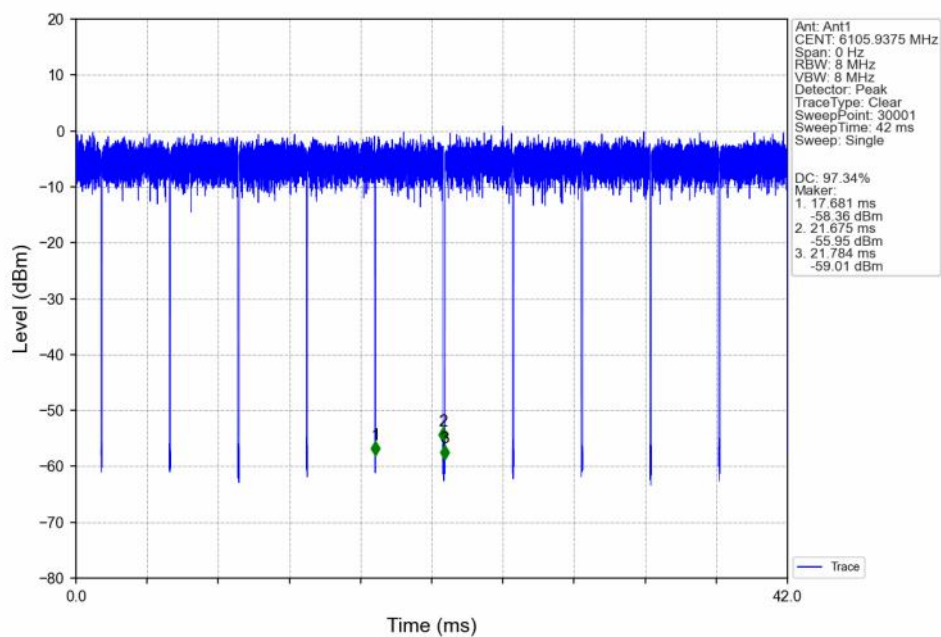
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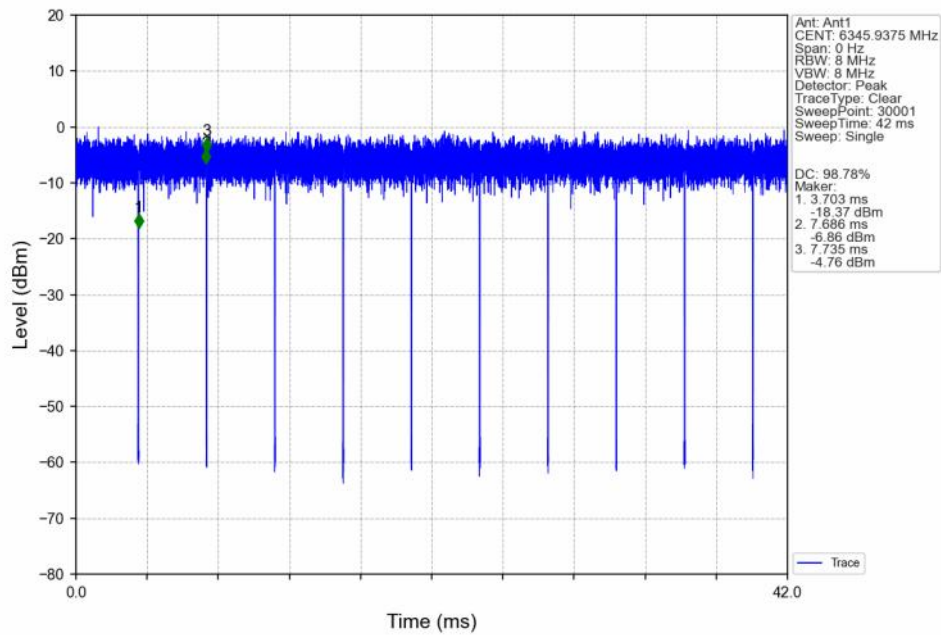
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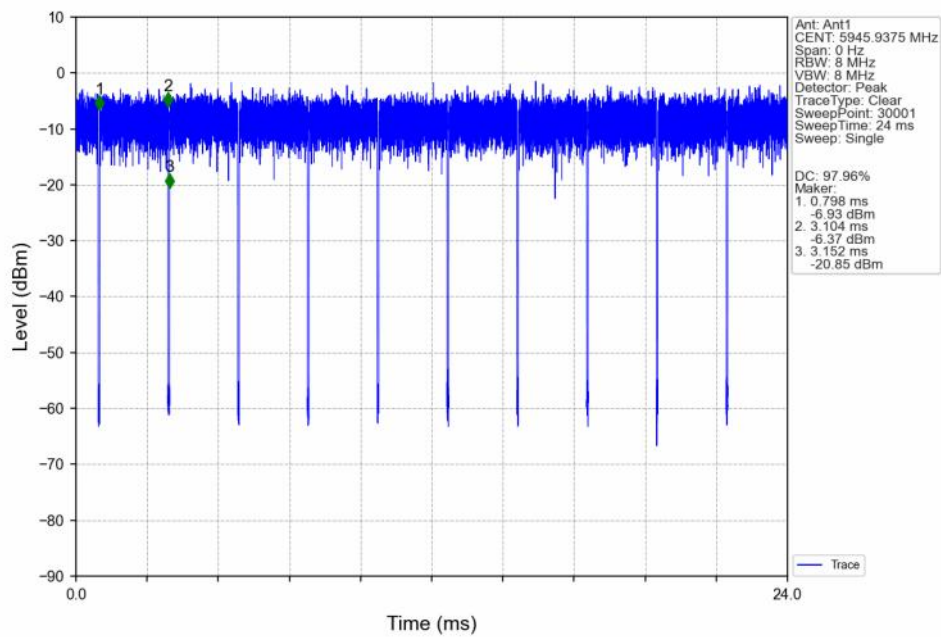
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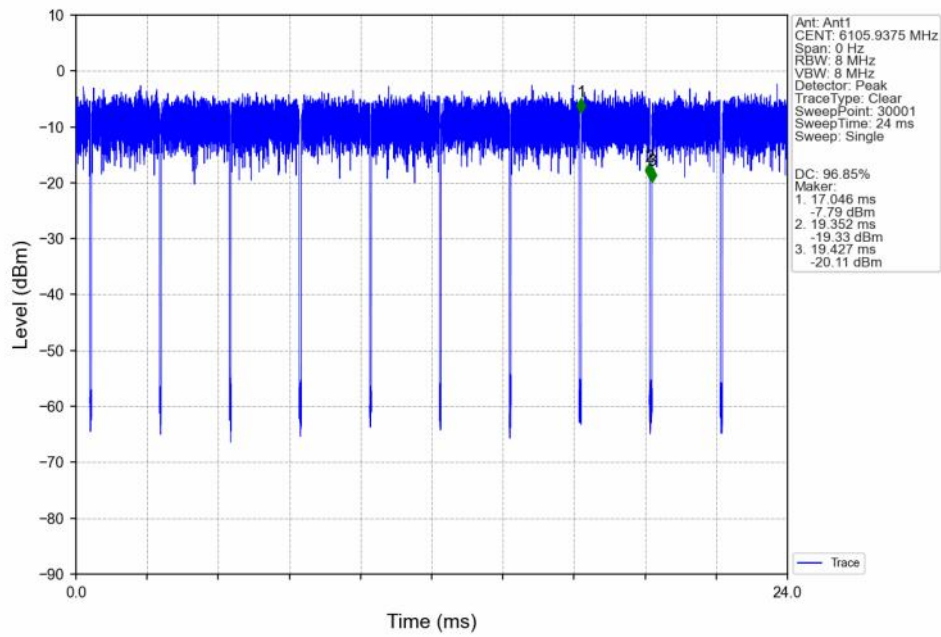
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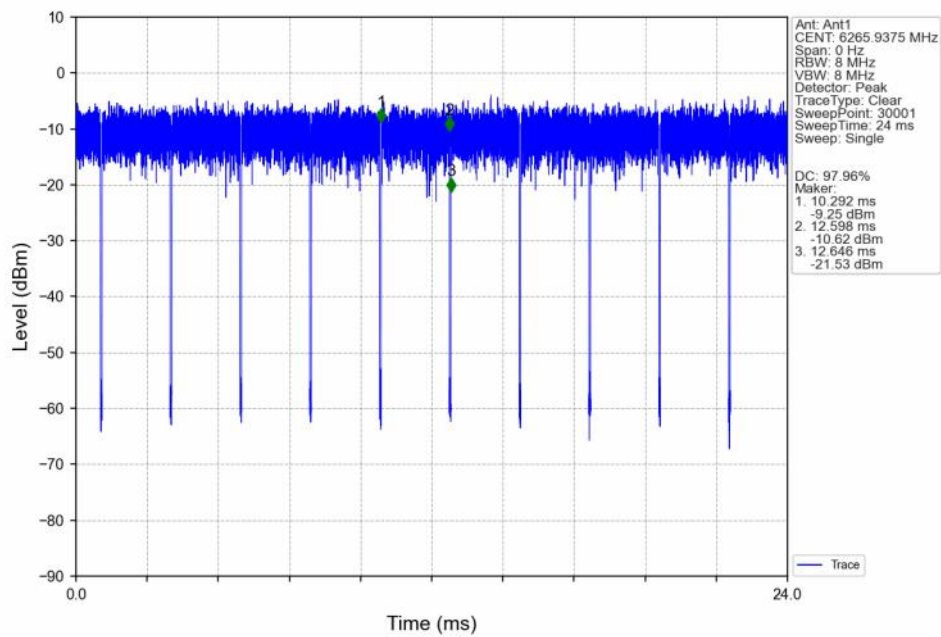
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802.11ax(HEW160)_MCH_6185MHz_SU_/_Ant1_NTNV

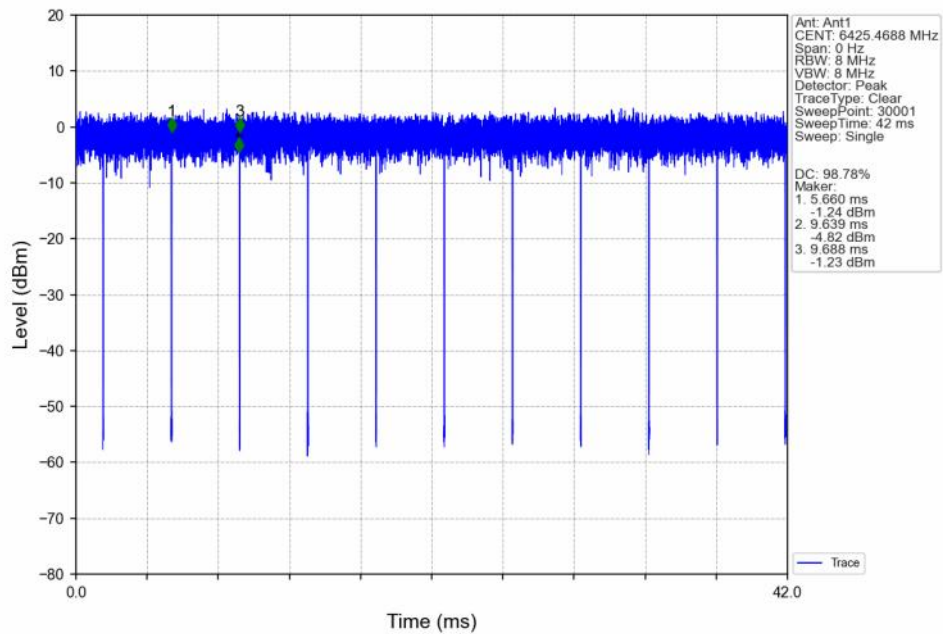


802.11ax(HEW160)_HCH_6345MHz_SU_/_Ant1_NTNV

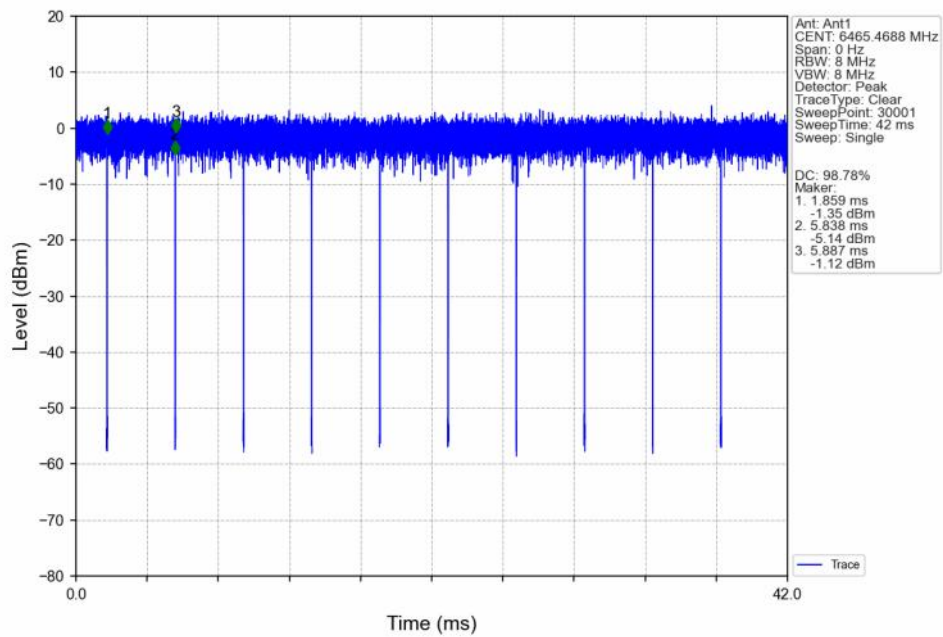


1.2.2 Ant1

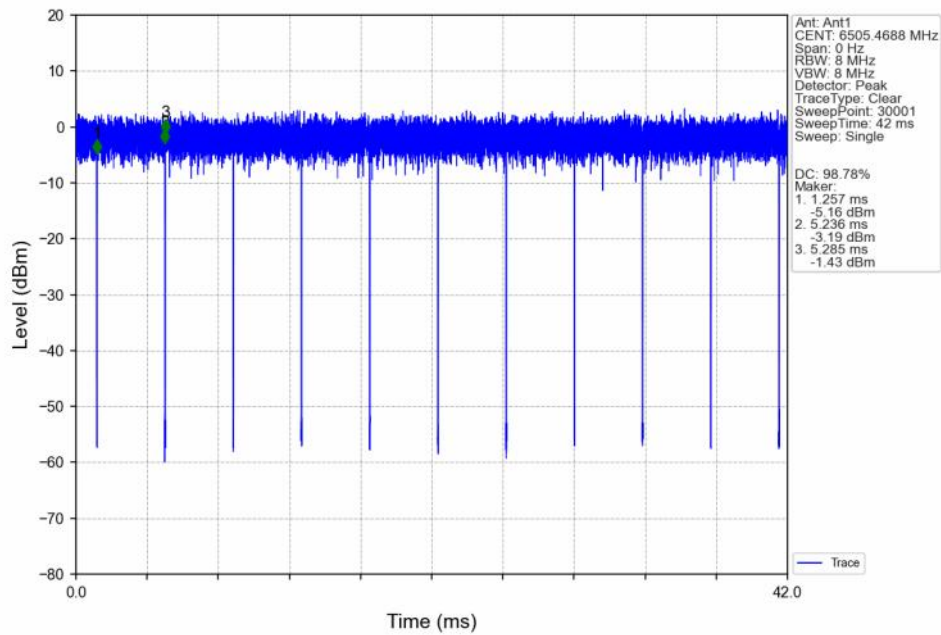
802.11ax(HEW20)_LCH_6435MHz_SU_ / _Ant1_NTNV



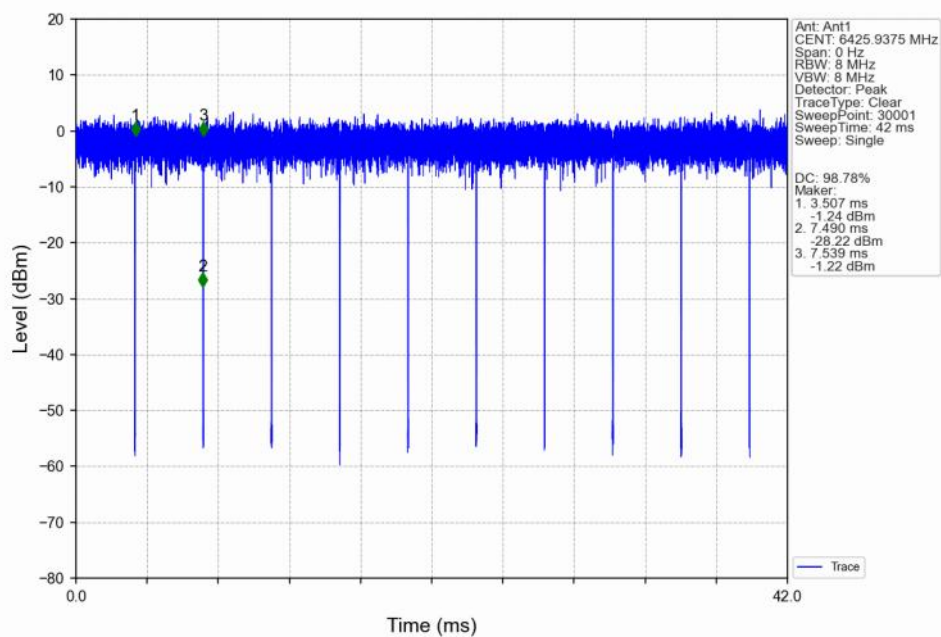
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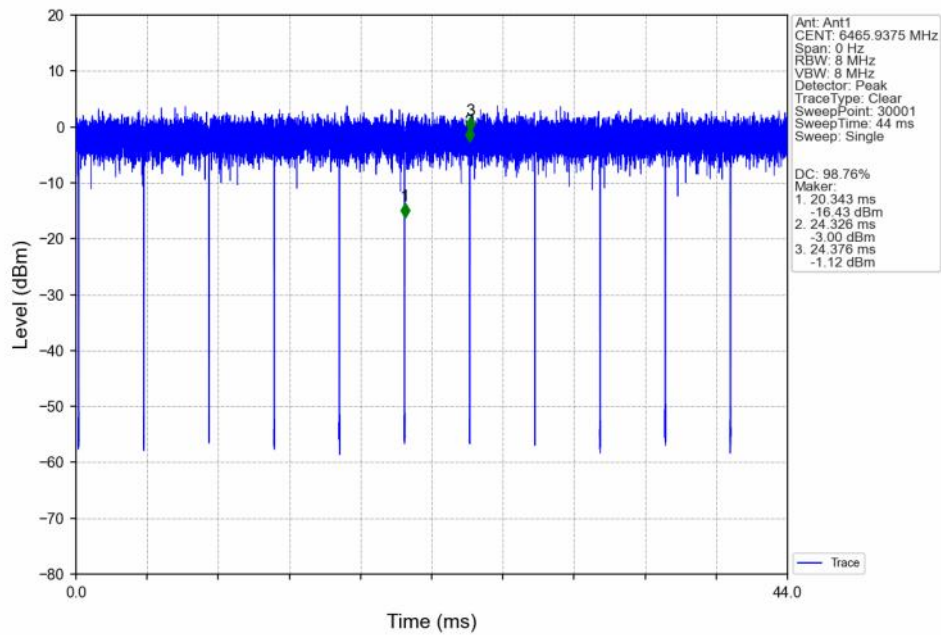
802.11ax(HEW20)_HCH_6515MHz_SU_/_Ant1_NTNV



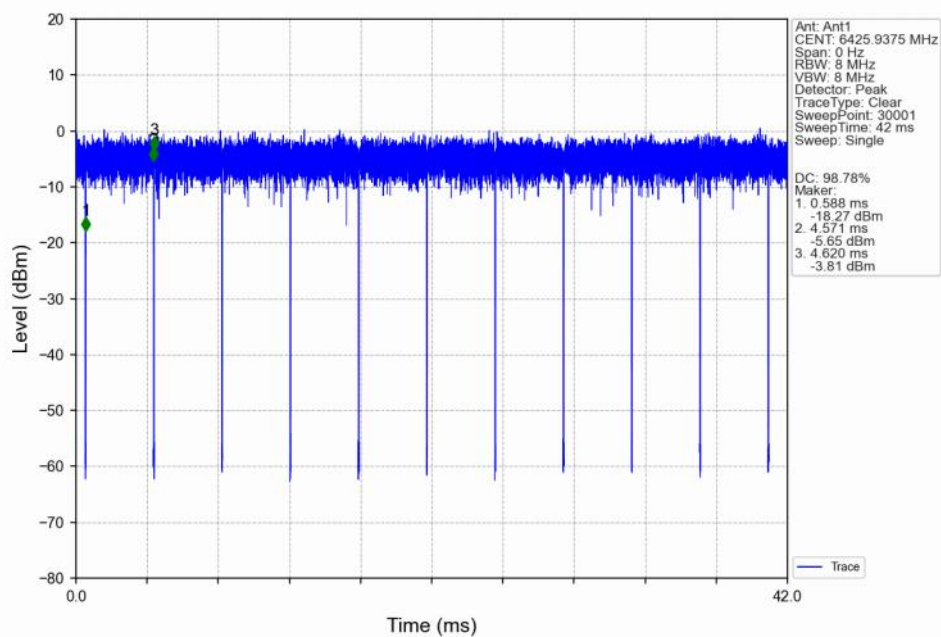
802.11ax(HEW40)_LCH_6445MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_MCH_6485MHz_SU_ / Ant1_NTNV

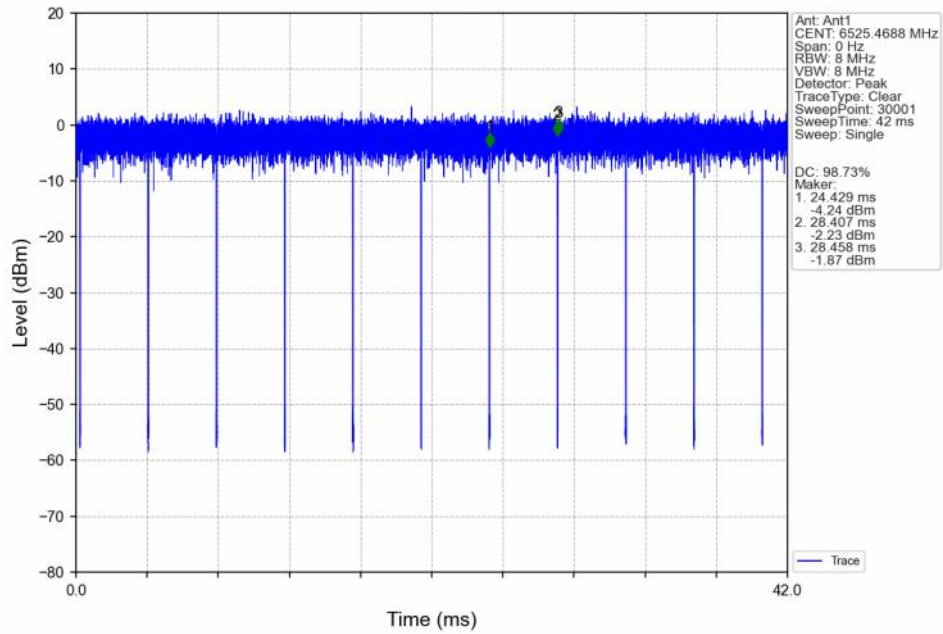


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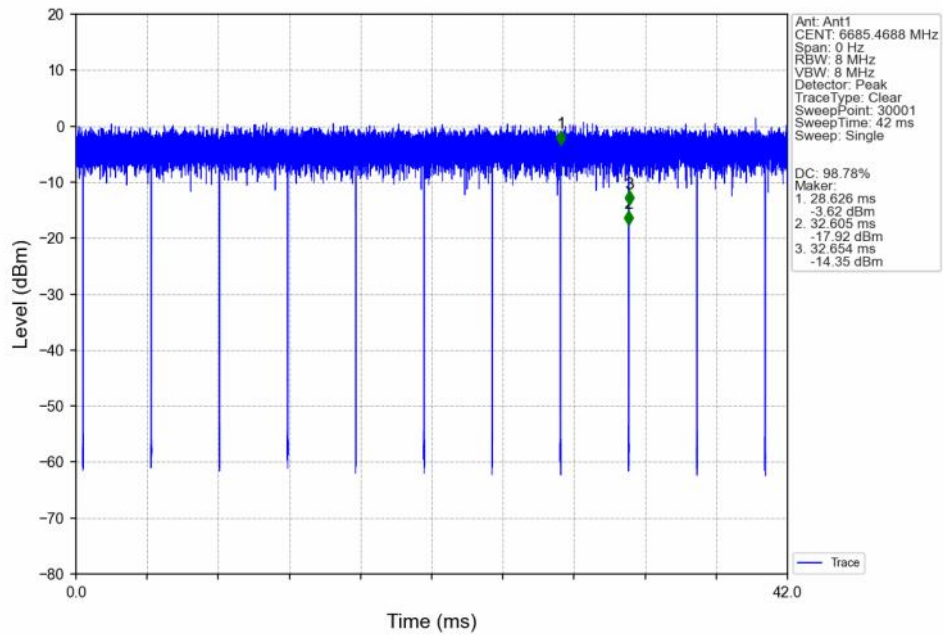


1.2.3 Ant1

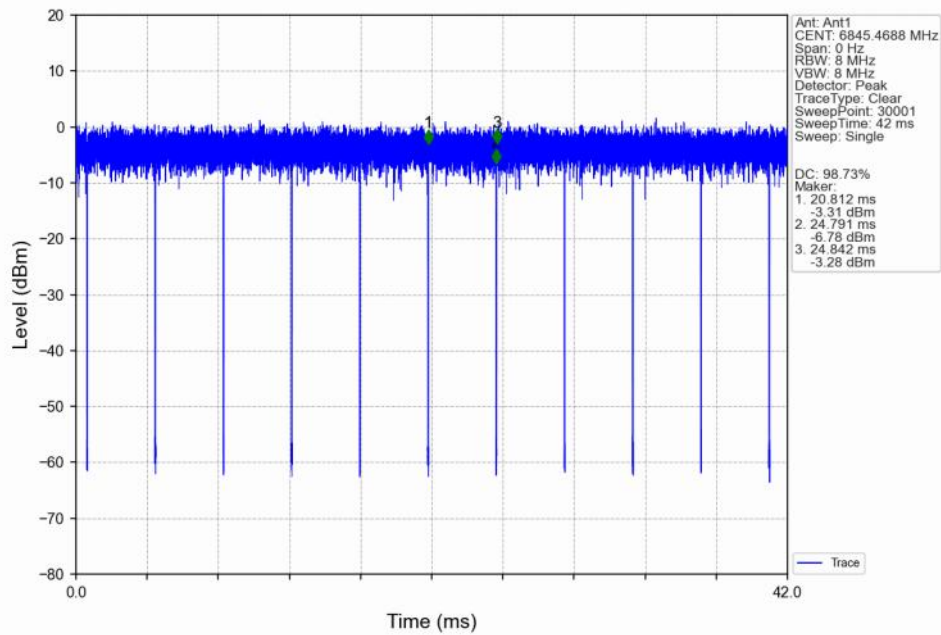
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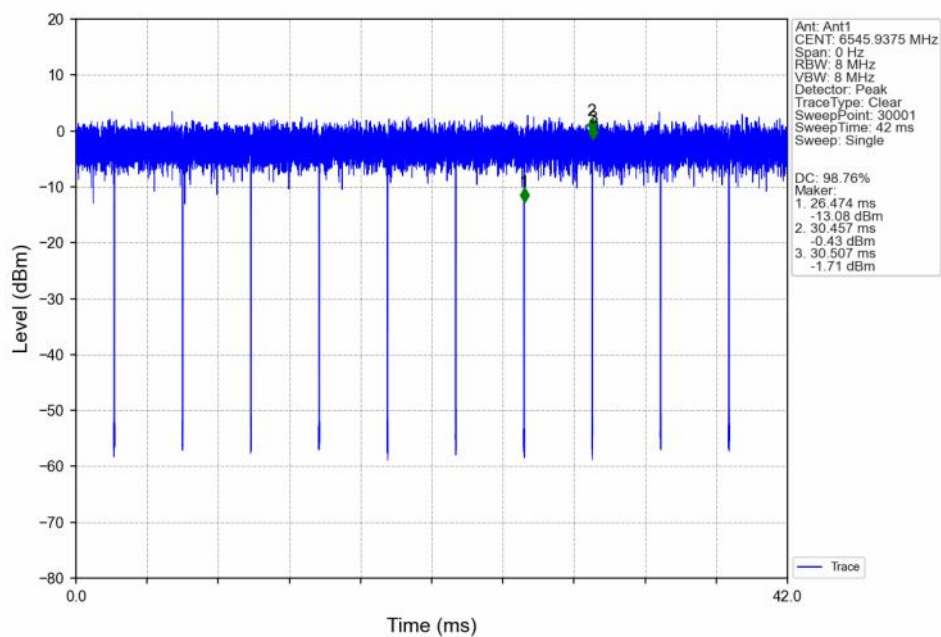
802.11ax(HEW20)_MCH_6695MHz_SU_ / Ant1_NTNV



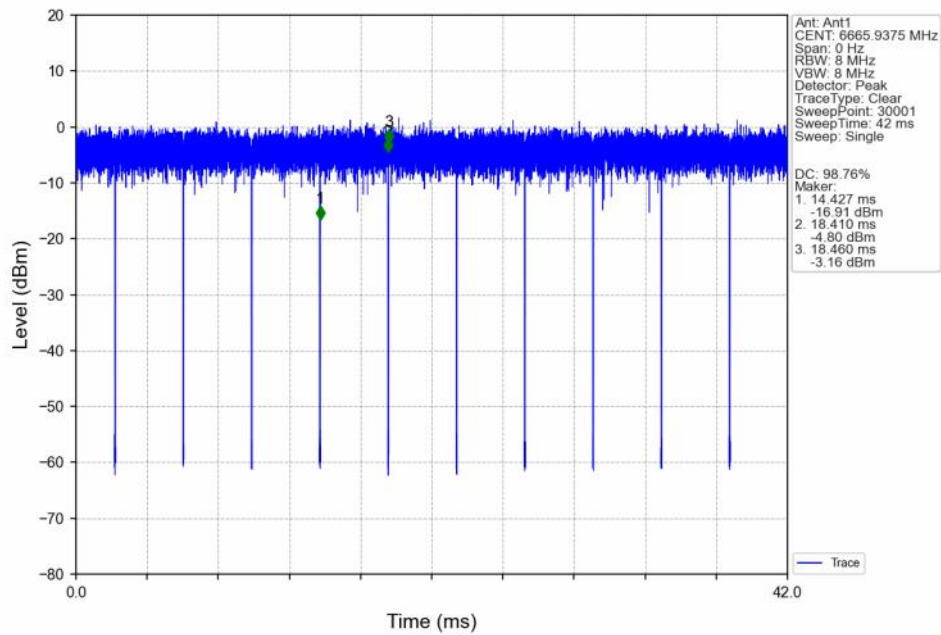
802.11ax(HEW20)_HCH_6855MHz_SU_/_Ant1_NTNV



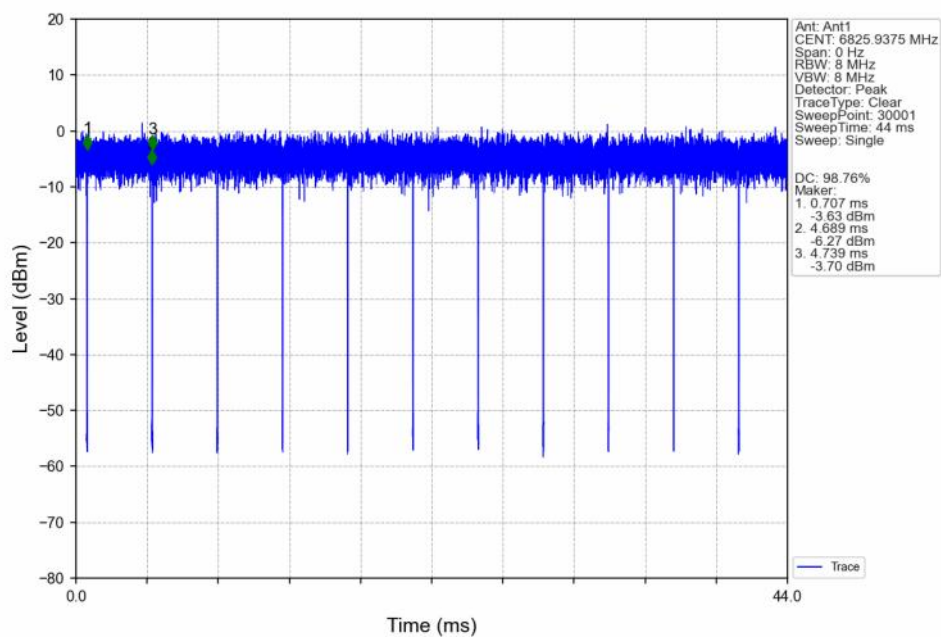
802.11ax(HEW40)_LCH_6565MHz_SU_/_Ant1_NTNV



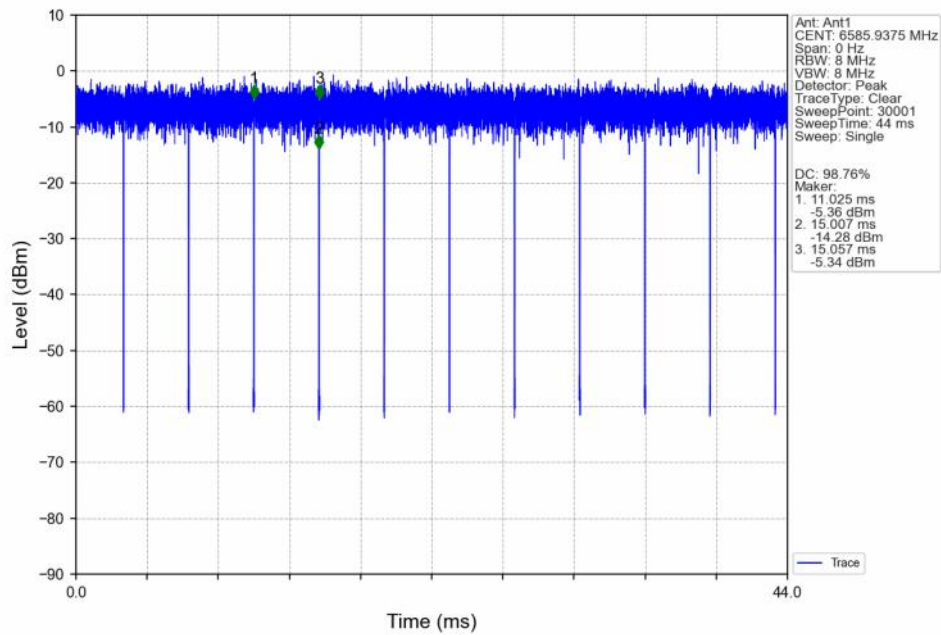
802.11ax(HEW40)_MCH_6685MHz_SU_ / Ant1_NTNV



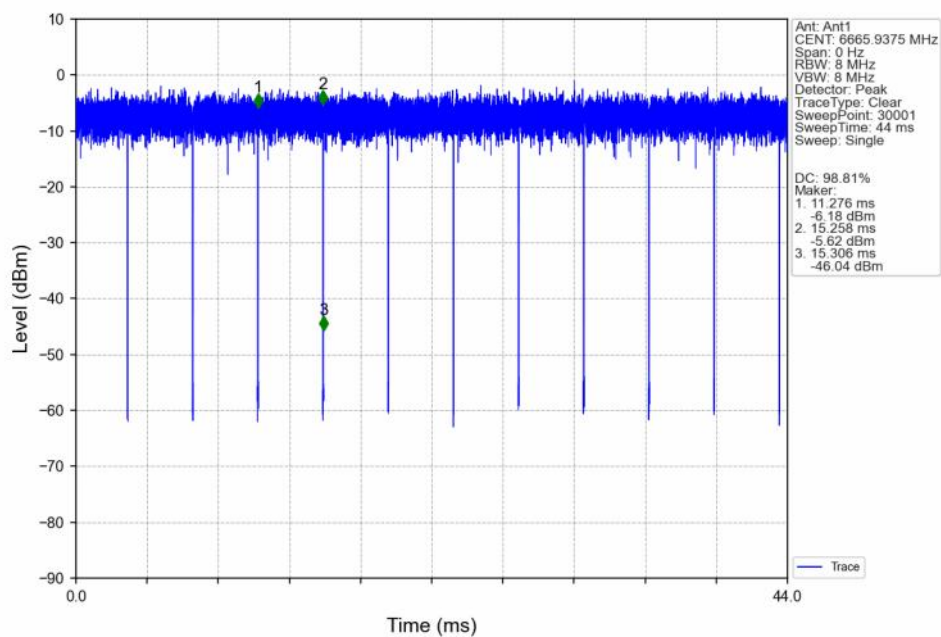
802.11ax(HEW40)_HCH_6845MHz_SU_ / Ant1_NTNV



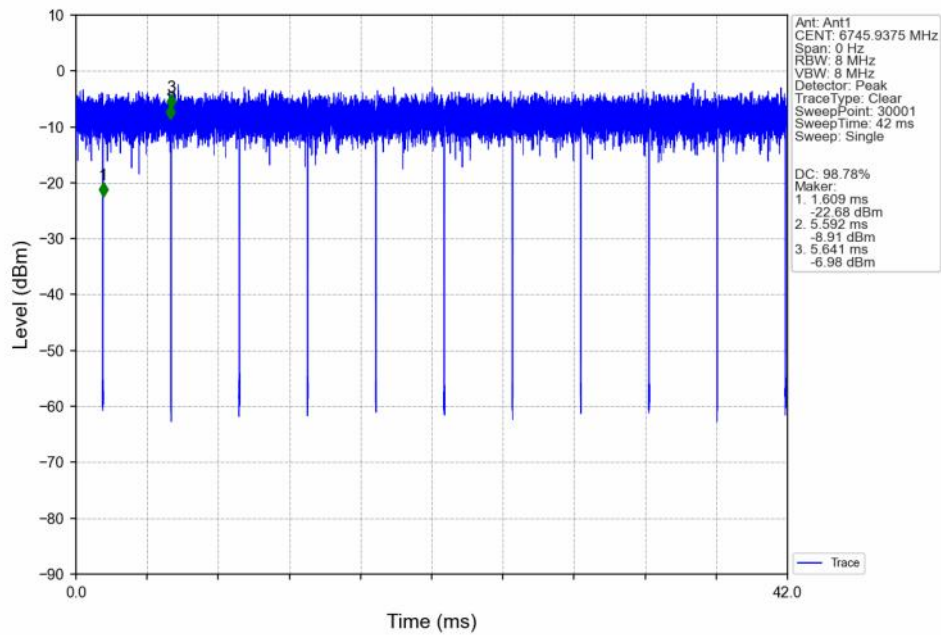
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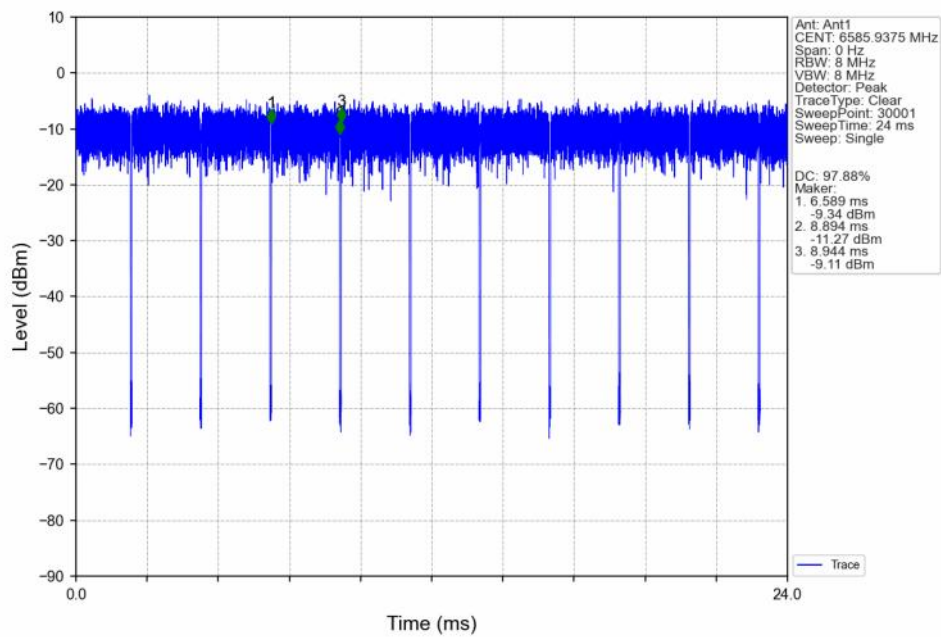
802.11ax(HEW80)_MCH_6705MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_HCH_6785MHz_SU_/_Ant1_NTNV

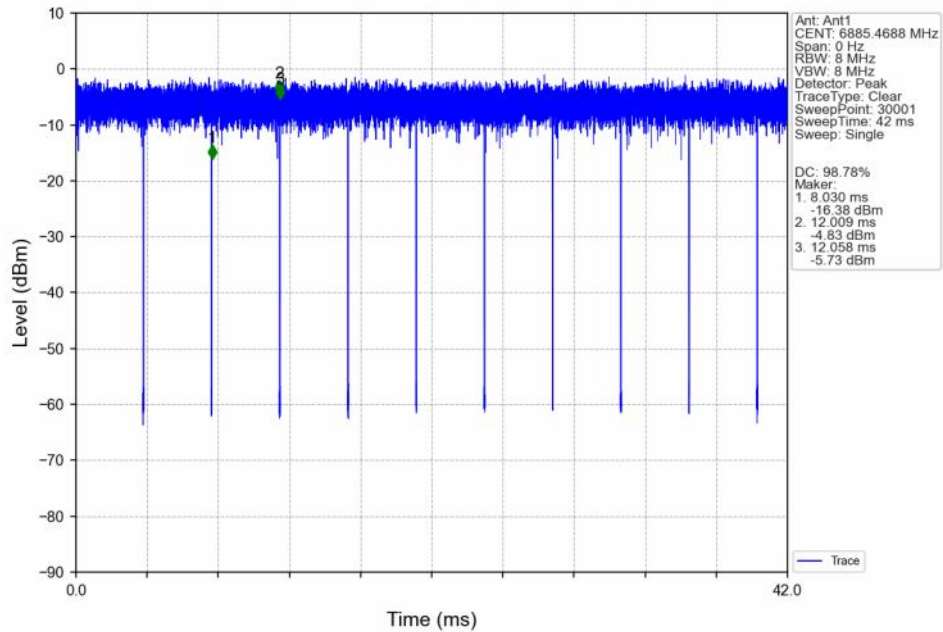


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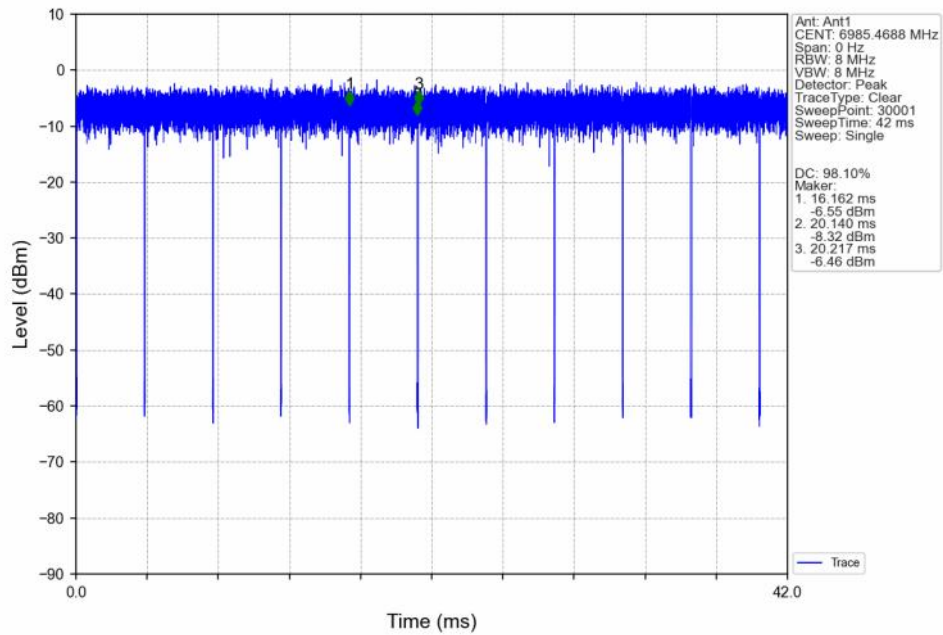


1.2.4 Ant1

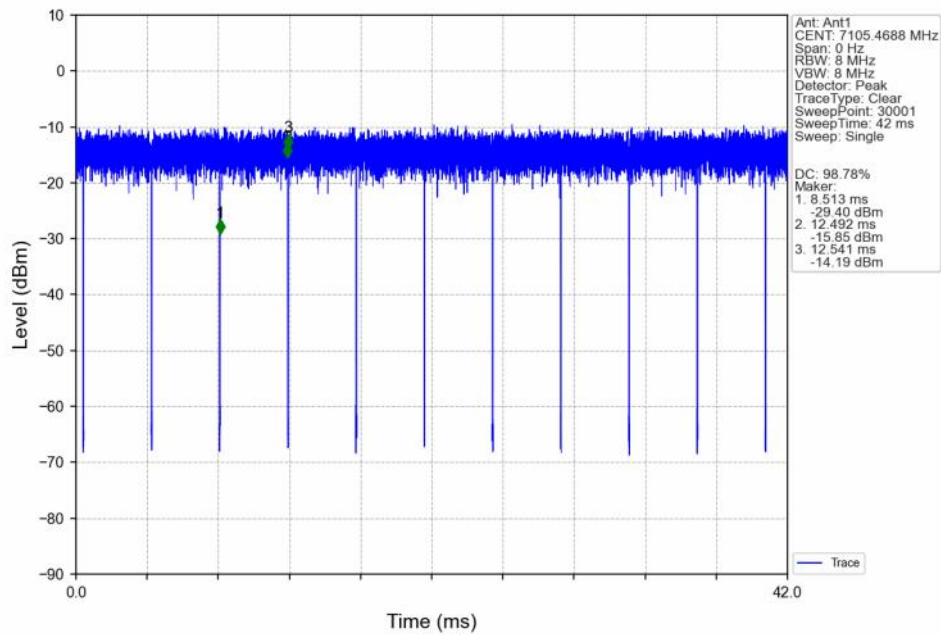
802.11ax(HEW20)_LCH_6895MHz_SU_ / _Ant1_NTNV



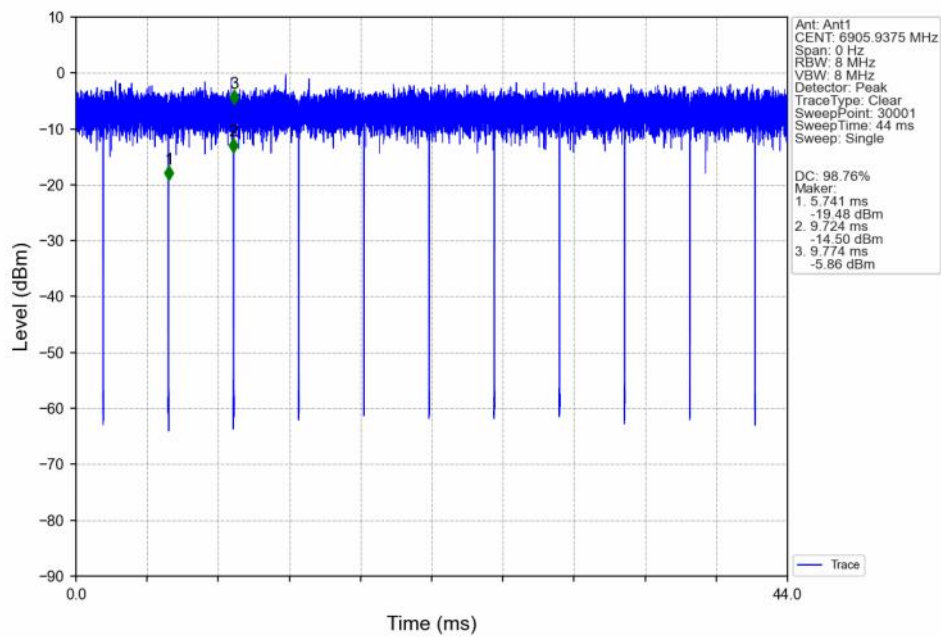
802.11ax(HEW20)_MCH_6995MHz_SU_ / _Ant1_NTNV



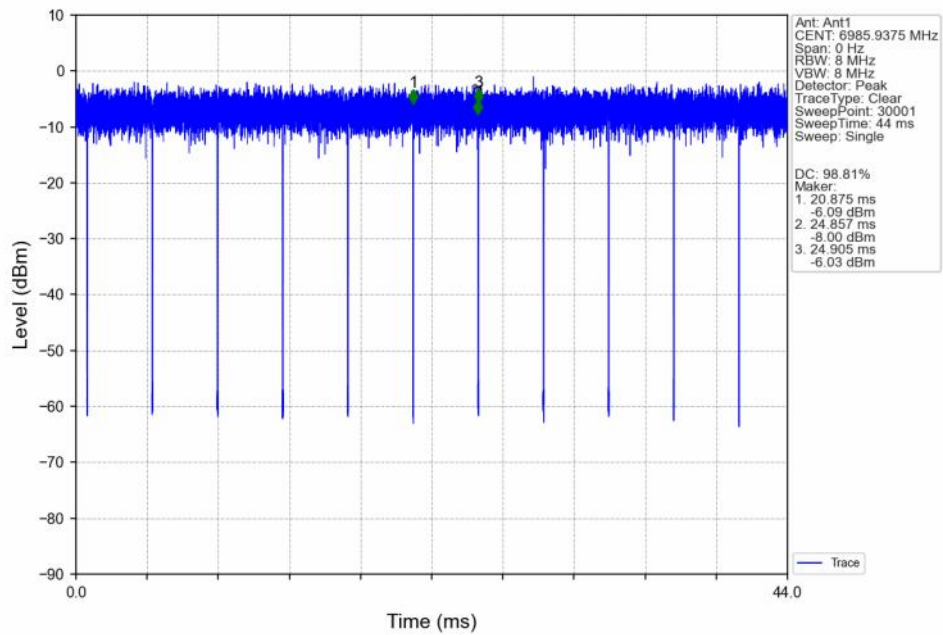
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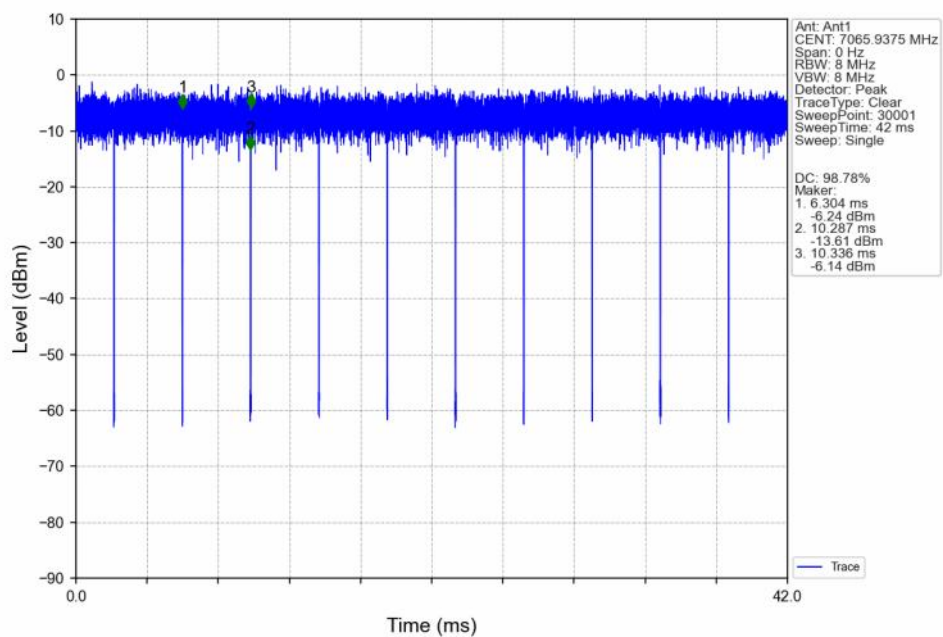
802.11ax(HEW40)_LCH_6925MHz_SU_/_Ant1_NTNV



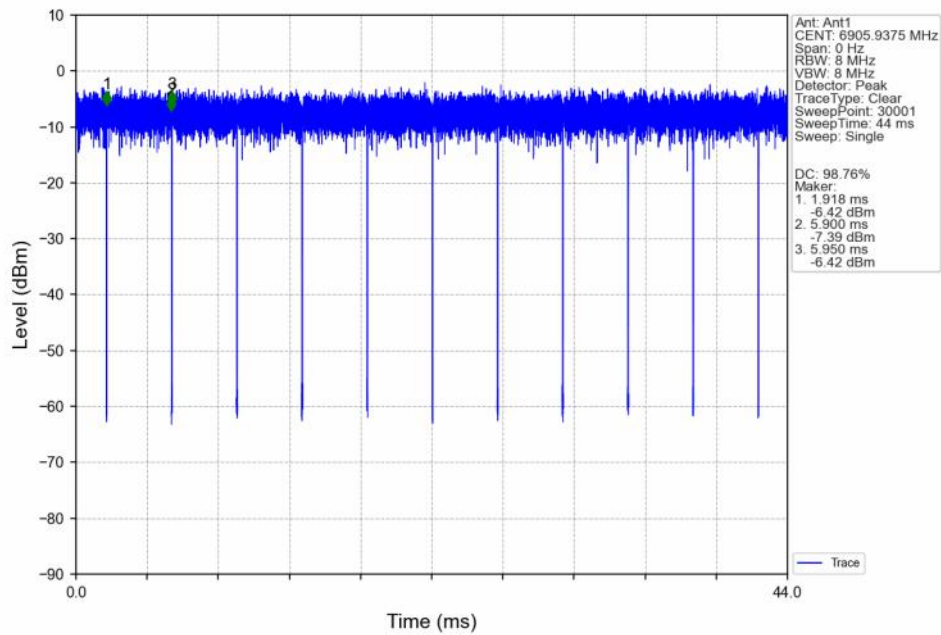
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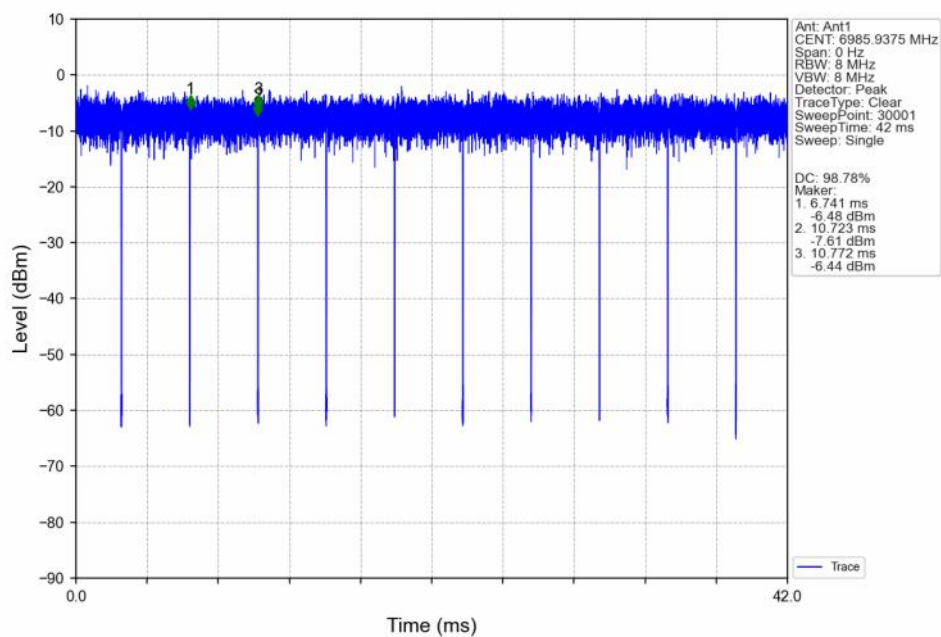
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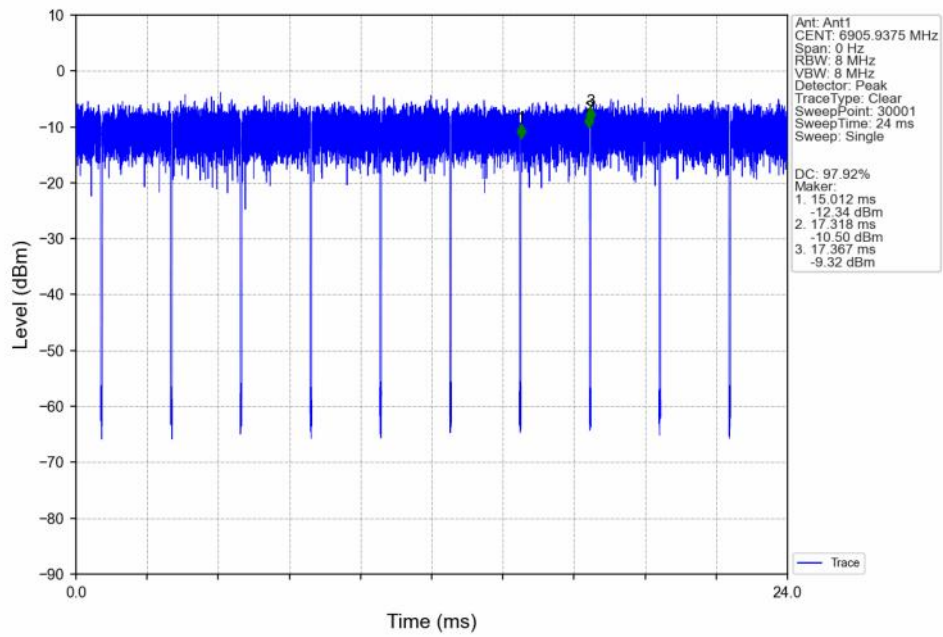
802.11ax(HEW80)_LCH_6945MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_HCH_7025MHz_SU_/_Ant1_NTNV

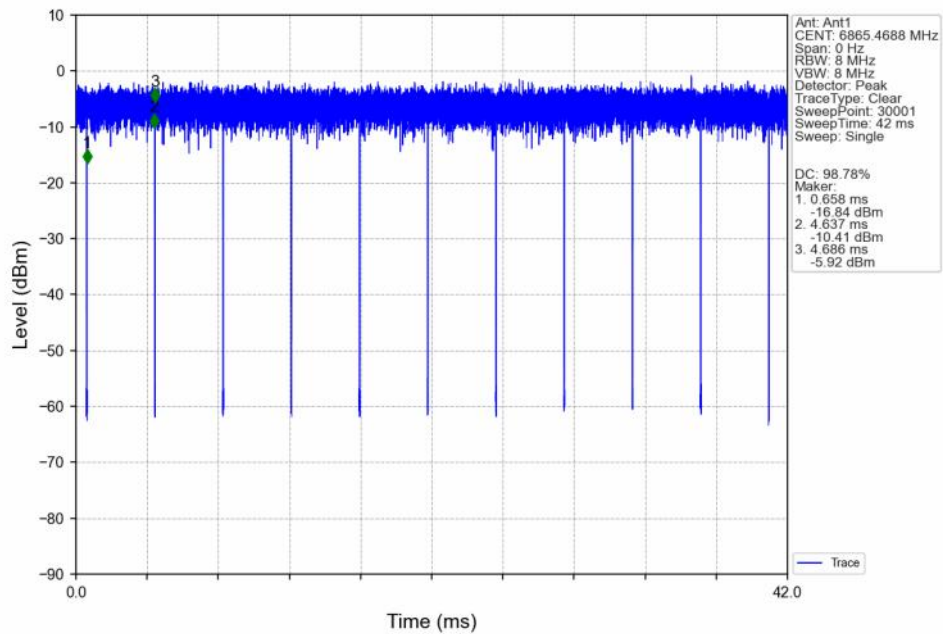


802.11ax(HEW160)_MCH_6985MHz_SU_/_Ant1_NTNV

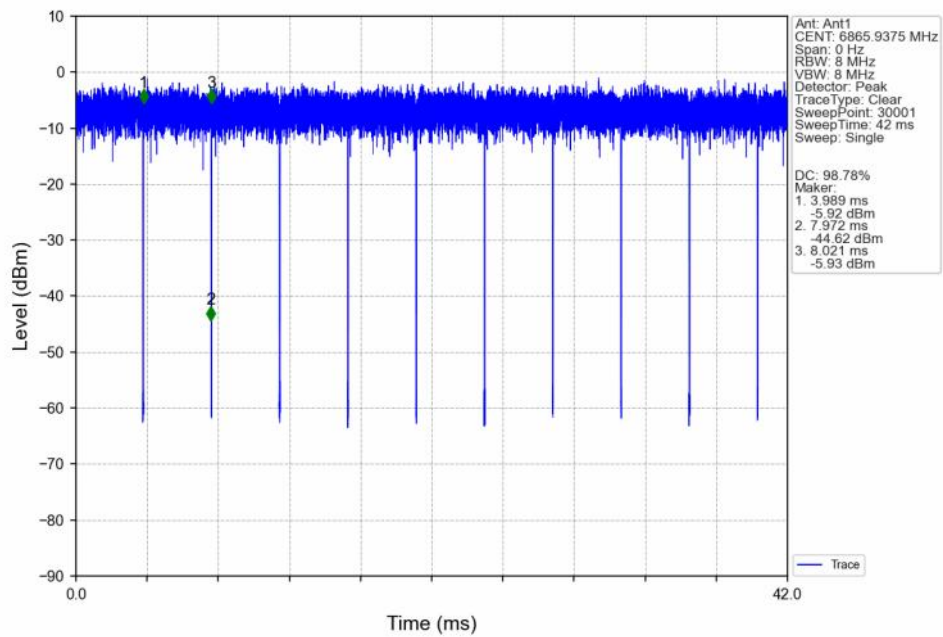


1.2.5 Ant1

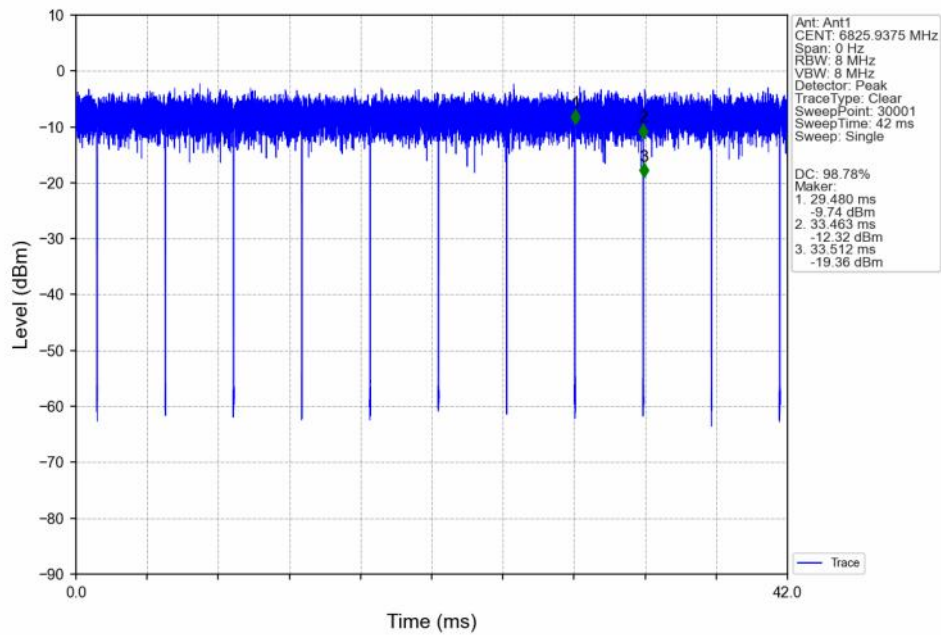
802.11ax(HEW20)_HCH_6875MHz_SU_/_Ant1_NTNV



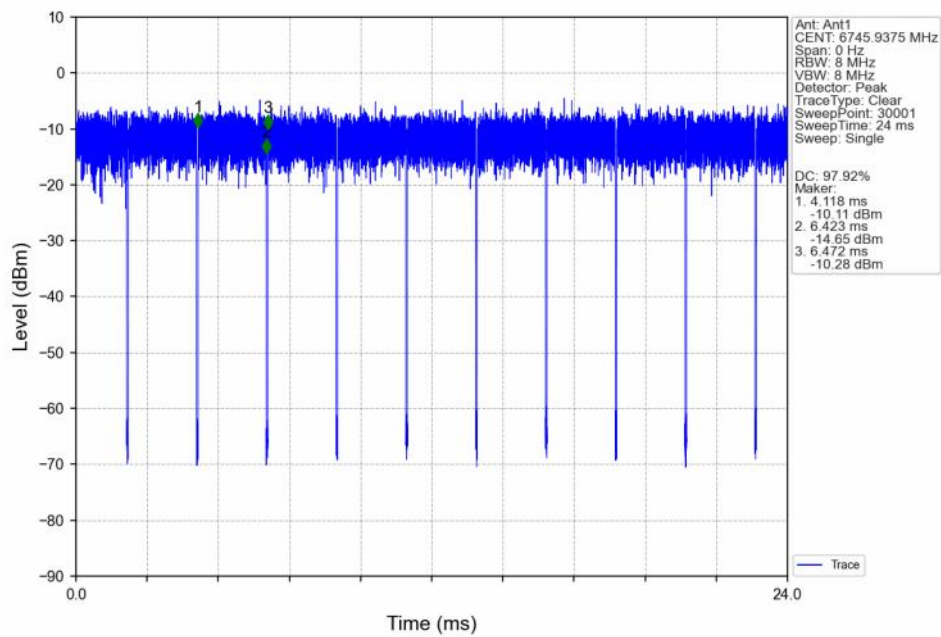
802.11ax(HEW40)_HCH_6885MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_HCH_6865MHz_SU_ / _Ant1_NTNV

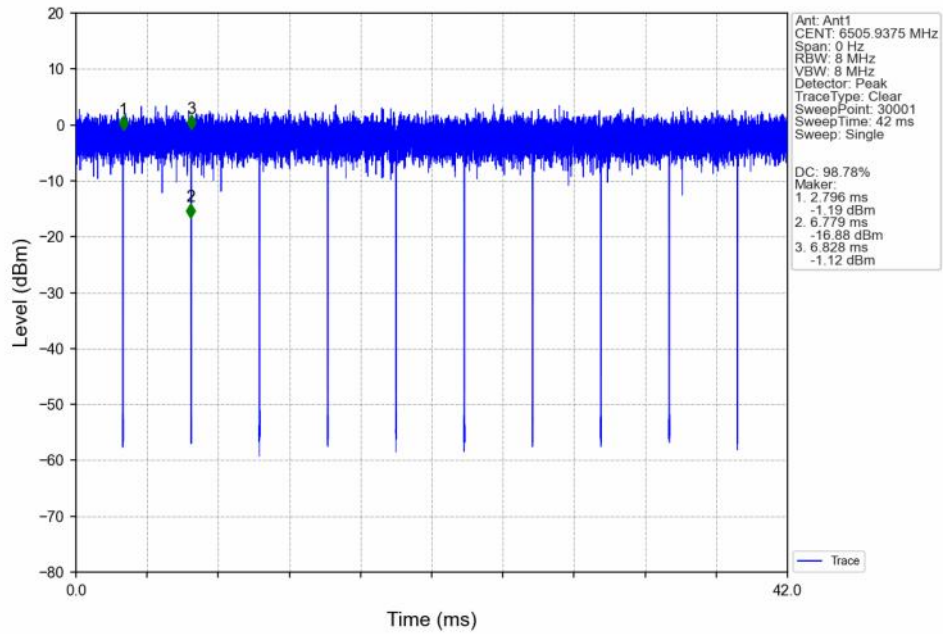


802.11ax(HEW160)_HCH_6825MHz_SU_ / _Ant1_NTNV

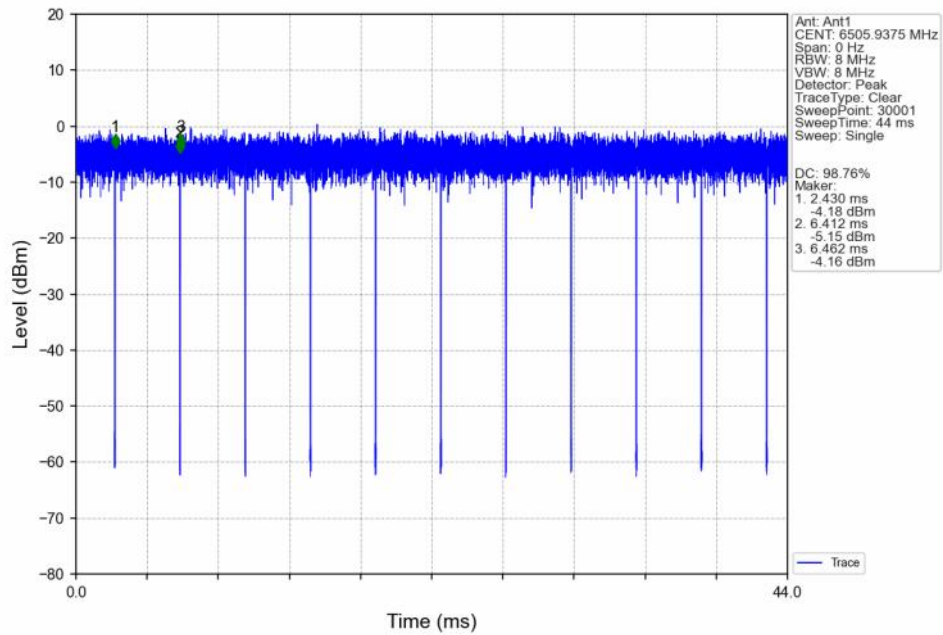


1.2.6 Ant1

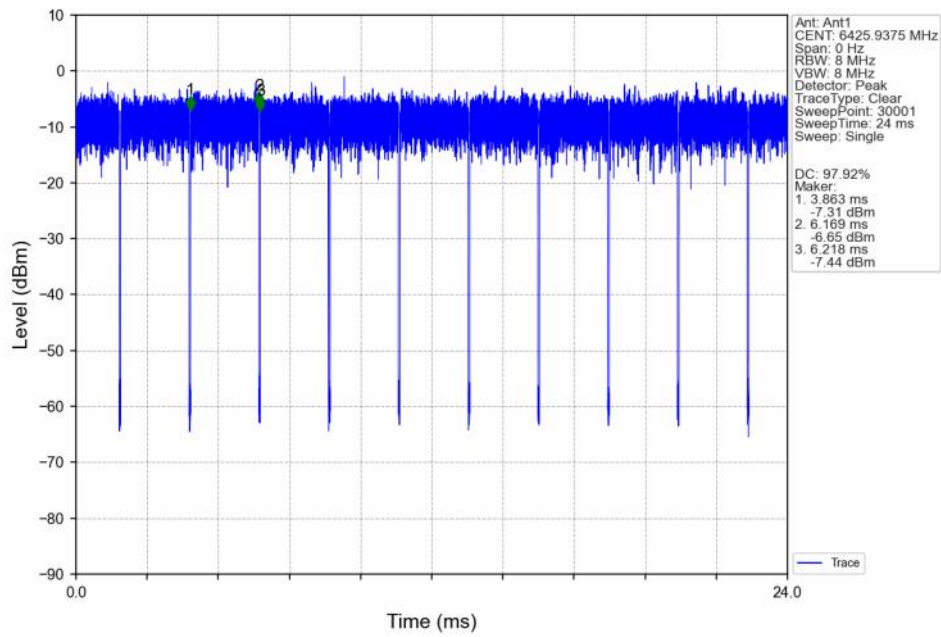
802.11ax(HEW40)_HCH_6525MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_HCH_6545MHz_SU_ / _Ant1_NTNV



802.11ax(HEW160)_HCH_6505MHz_SU_/_Ant1_NTNV



2. Bandwidth

2.1 Test Result

Remark: Both Ant1 and Ant2 was test and recorded worst result of Ant 1.

2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	5955	SU	/	1	19.343	<=320	Pass
			6175	SU	/	1	19.411	<=320	Pass
			6415	SU	/	1	19.376	<=320	Pass
	802.11ax (HEW40)	MIMO	5965	SU	/	1	38.270	<=320	Pass
			6165	SU	/	1	38.181	<=320	Pass
			6405	SU	/	1	38.209	<=320	Pass
	802.11ax (HEW80)	MIMO	5985	SU	/	1	78.484	<=320	Pass
			6145	SU	/	1	78.453	<=320	Pass
			6385	SU	/	1	77.983	<=320	Pass
	802.11ax (HEW160)	MIMO	6025	SU	/	1	157.555	<=320	Pass
			6185	SU	/	1	157.479	<=320	Pass
			6345	SU	/	1	157.495	<=320	Pass

2.1.2 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	5955	SU	/	1	25.165	/	Pass
			6175	SU	/	1	25.149	/	Pass
			6415	SU	/	1	24.945	/	Pass
	802.11ax (HEW40)	MIMO	5965	SU	/	1	43.768	/	Pass
			6165	SU	/	1	43.973	/	Pass
			6405	SU	/	1	43.690	/	Pass
	802.11ax (HEW80)	MIMO	5985	SU	/	1	84.705	/	Pass
			6145	SU	/	1	83.985	/	Pass
			6385	SU	/	1	85.197	/	Pass
	802.11ax (HEW160)	MIMO	6025	SU	/	1	165.932	/	Pass
			6185	SU	/	1	167.047	/	Pass
			6345	SU	/	1	166.454	/	Pass

2.1.3 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6435	SU	/	1	19.436	<=320	Pass
			6475	SU	/	1	19.373	<=320	Pass
			6515	SU	/	1	19.453	<=320	Pass
	802.11ax (HEW40)	MIMO	6445	SU	/	1	38.227	<=320	Pass
			6485	SU	/	1	38.281	<=320	Pass
	802.11ax (HEW80)	MIMO	6465	SU	/	1	78.020	<=320	Pass

2.1.4 26dB BW

ENV	Mode	TX	Frequency	RU	RU	ANT	26dB Bandwidth (MHz)	Verdict
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		Type	(MHz)		Pos		Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6435	SU	/	1	23.976	/	Pass
			6475	SU	/	1	24.205	/	Pass
			6515	SU	/	1	24.986	/	Pass
	802.11ax (HEW40)	MIMO	6445	SU	/	1	43.681	/	Pass
			6485	SU	/	1	44.031	/	Pass
	802.11ax (HEW80)	MIMO	6465	SU	/	1	85.036	/	Pass

2.1.5 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6535	SU	/	1	19.352	<=320	Pass
			6695	SU	/	1	19.472	<=320	Pass
			6855	SU	/	1	19.430	<=320	Pass
	802.11ax (HEW40)	MIMO	6565	SU	/	1	38.231	<=320	Pass
			6685	SU	/	1	38.236	<=320	Pass
			6845	SU	/	1	38.221	<=320	Pass
	802.11ax (HEW80)	MIMO	6625	SU	/	1	78.432	<=320	Pass
			6705	SU	/	1	78.243	<=320	Pass
			6785	SU	/	1	78.423	<=320	Pass
	802.11ax (HEW160)	MIMO	6665	SU	/	1	157.591	<=320	Pass

2.1.6 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6535	SU	/	1	23.971	/	Pass
			6695	SU	/	1	24.499	/	Pass
			6855	SU	/	1	24.568	/	Pass
	802.11ax (HEW40)	MIMO	6565	SU	/	1	43.267	/	Pass
			6685	SU	/	1	42.252	/	Pass
			6845	SU	/	1	43.873	/	Pass
	802.11ax (HEW80)	MIMO	6625	SU	/	1	84.587	/	Pass
			6705	SU	/	1	85.249	/	Pass
			6785	SU	/	1	84.970	/	Pass
	802.11ax (HEW160)	MIMO	6665	SU	/	1	167.009	/	Pass

2.1.7 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6895	SU	/	1	19.399	<=320	Pass
			6995	SU	/	1	19.411	<=320	Pass
			7115	SU	/	1	19.372	<=320	Pass
	802.11ax (HEW40)	MIMO	6925	SU	/	1	38.193	<=320	Pass
			7005	SU	/	1	38.248	<=320	Pass
			7085	SU	/	1	38.349	<=320	Pass
	802.11ax (HEW80)	MIMO	6945	SU	/	1	78.080	<=320	Pass
			7025	SU	/	1	78.215	<=320	Pass
	802.11ax (HEW160)	MIMO	6985	SU	/	1	157.944	<=320	Pass

2.1.8 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6895	SU	/	1	23.936	/	Pass
			6995	SU	/	1	24.004	/	Pass
			7115	SU	/	1	24.660	/	Pass
	802.11ax (HEW40)	MIMO	6925	SU	/	1	44.285	/	Pass
			7005	SU	/	1	42.922	/	Pass
			7085	SU	/	1	43.205	/	Pass
	802.11ax (HEW80)	MIMO	6945	SU	/	1	84.849	/	Pass
			7025	SU	/	1	85.172	/	Pass
	802.11ax (HEW160)	MIMO	6985	SU	/	1	165.011	/	Pass

2.1.9 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	SU	/	1	19.376	<=320	Pass
	802.11ax (HEW40)	MIMO	6885	SU	/	1	38.221	<=320	Pass
	802.11ax (HEW80)	MIMO	6865	SU	/	1	78.035	<=320	Pass
	802.11ax (HEW160)	MIMO	6825	SU	/	1	157.622	<=320	Pass

2.1.10 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	SU	/	1	24.463	/	Pass
	802.11ax (HEW40)	MIMO	6885	SU	/	1	42.706	/	Pass
	802.11ax (HEW80)	MIMO	6865	SU	/	1	84.001	/	Pass
	802.11ax (HEW160)	MIMO	6825	SU	/	1	165.716	/	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	SU	/	1	38.238	<=320	Pass
	802.11ax (HEW80)	MIMO	6545	SU	/	1	78.220	<=320	Pass
	802.11ax (HEW160)	MIMO	6505	SU	/	1	157.233	<=320	Pass

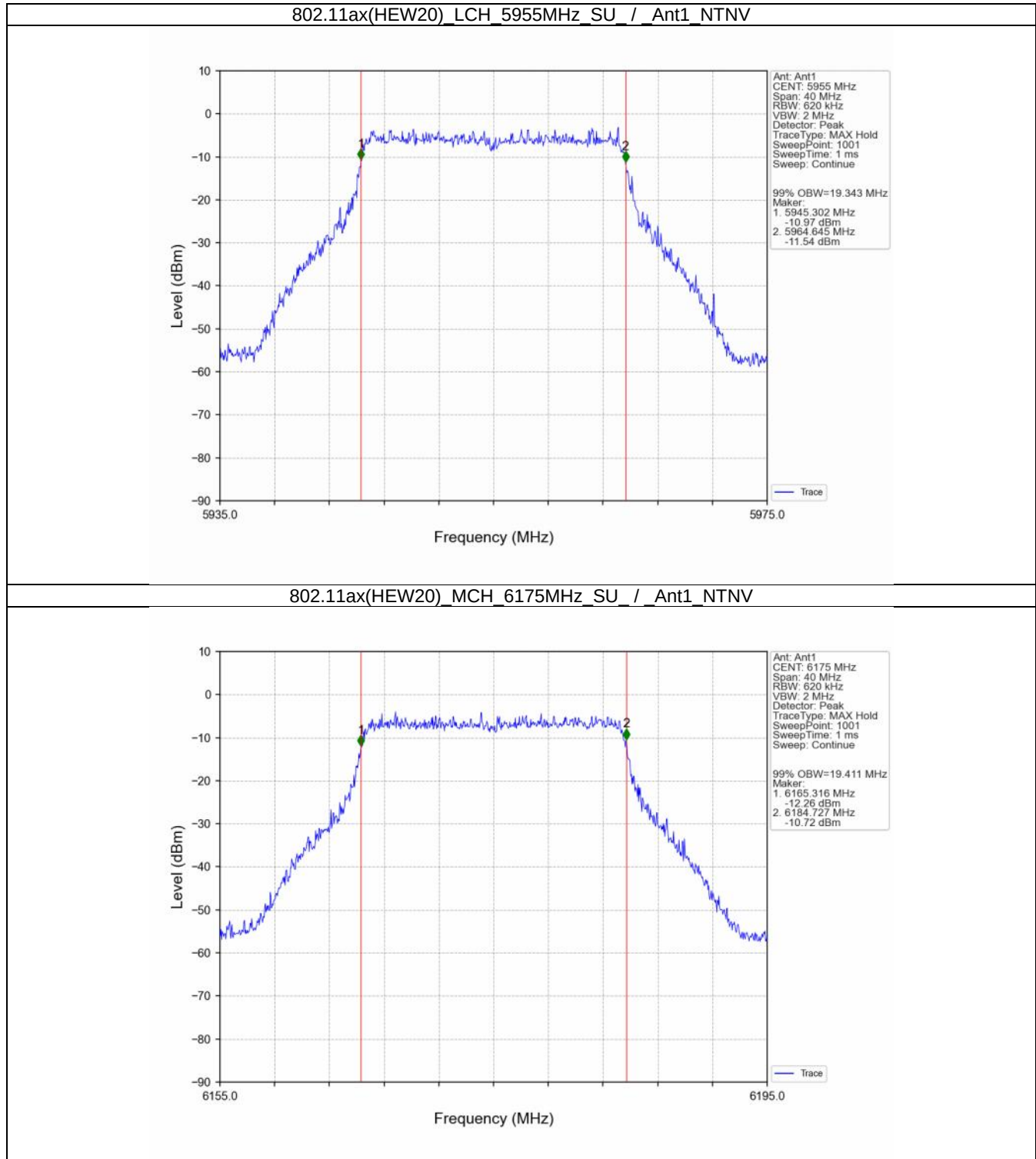
2.1.12 26dB BW

ENV	Mode	TX	Frequency	RU	RU	ANT	26dB Bandwidth (MHz)	Verdict
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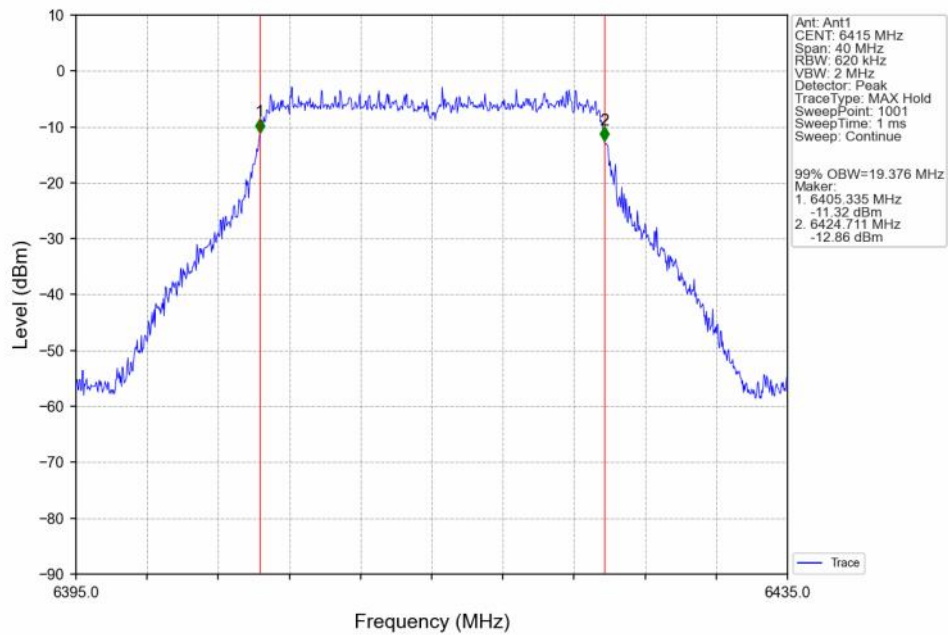
		Type	(MHz)		Pos		Result	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	SU	/	1	43.602	/	Pass
	802.11ax (HEW80)	MIMO	6545	SU	/	1	85.013	/	Pass
	802.11ax (HEW160)	MIMO	6505	SU	/	1	165.765	/	Pass

2.2 Test Graph

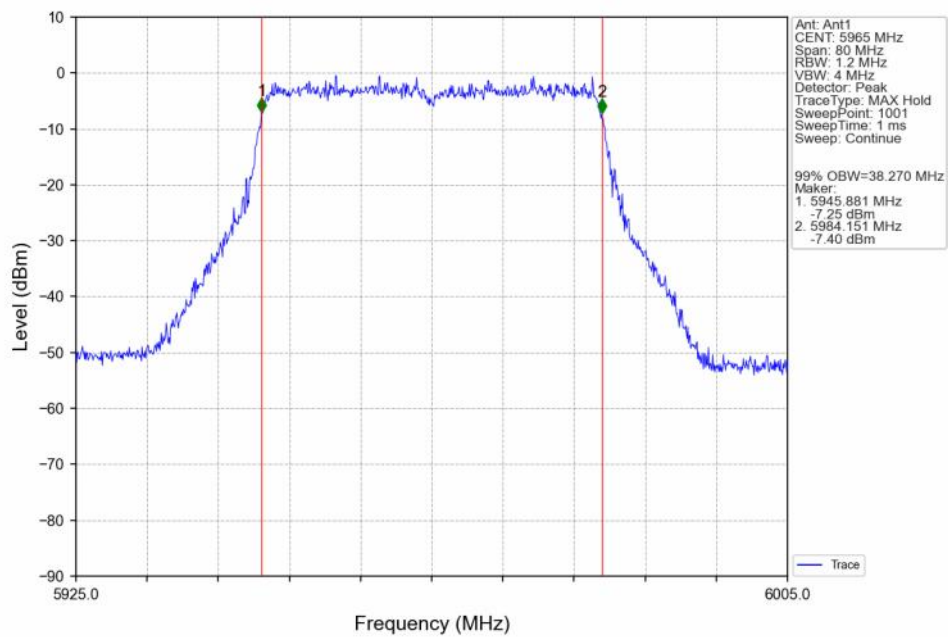
2.2.1 OBW



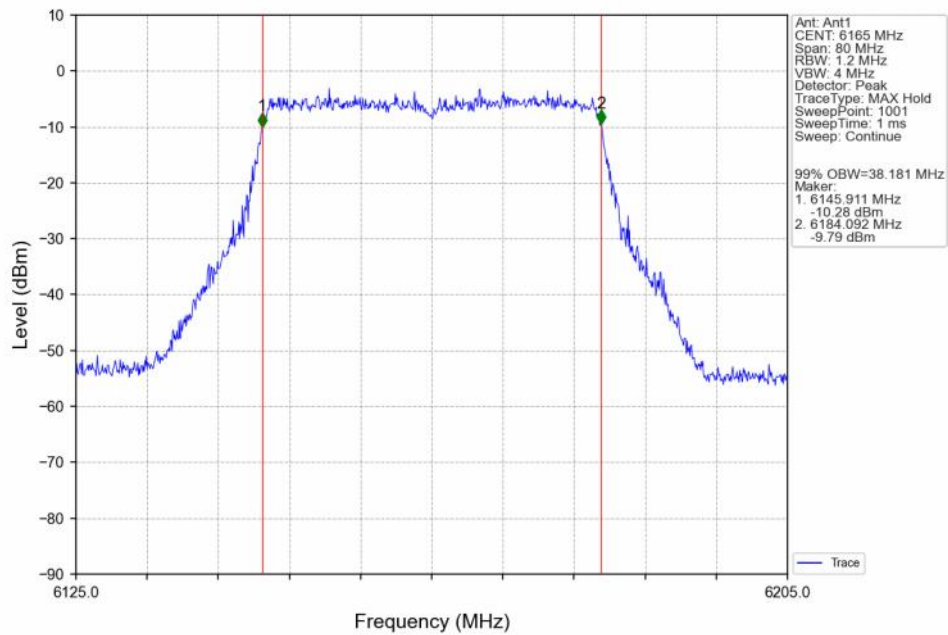
802.11ax(HEW20)_HCH_6415MHz_SU / _Ant1_NTNV



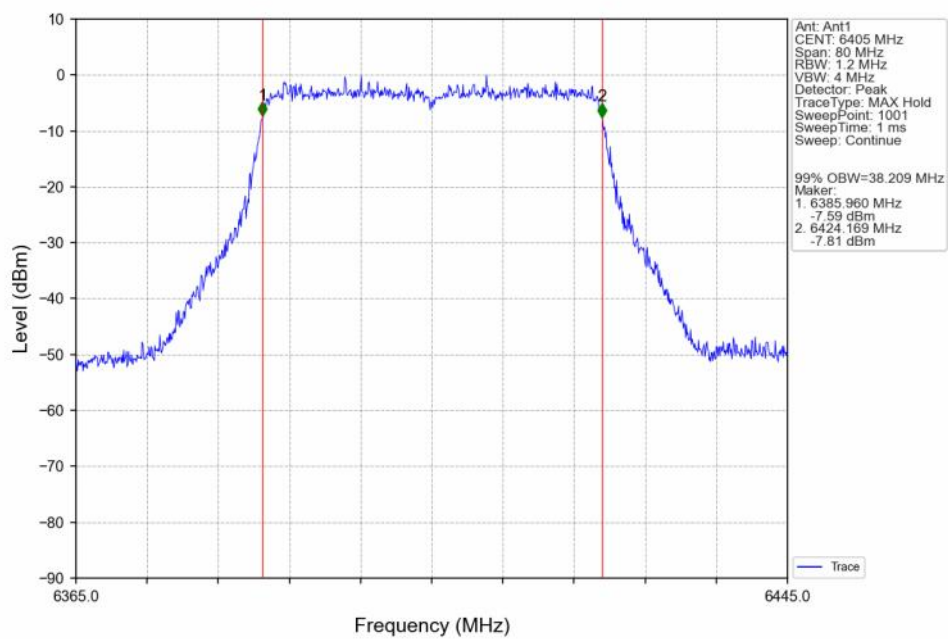
802.11ax(HEW40)_LCH_5965MHz_SU / _Ant1_NTNV



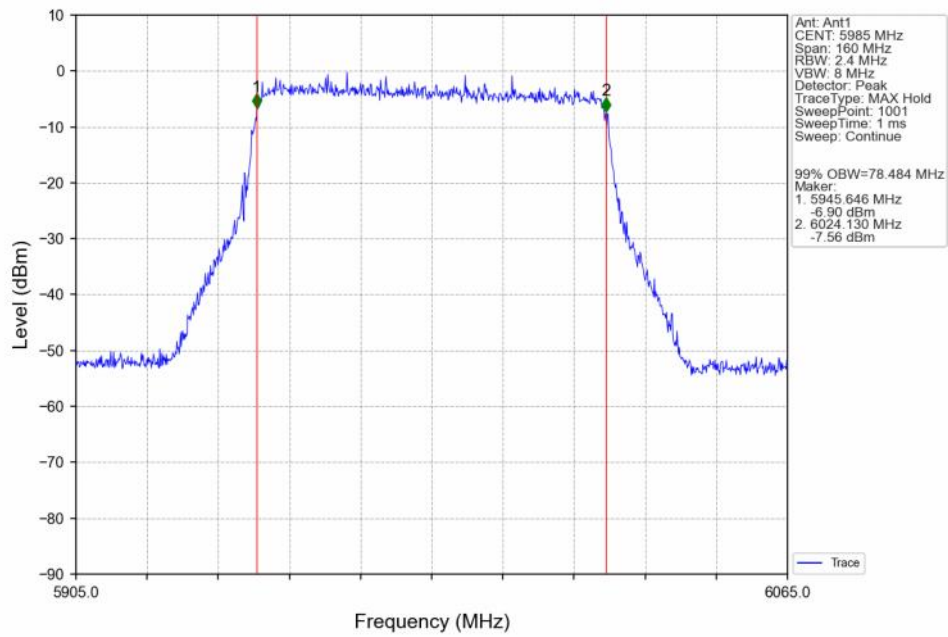
802.11ax(HEW40)_MCH_6165MHz_SU / Ant1_NTNV



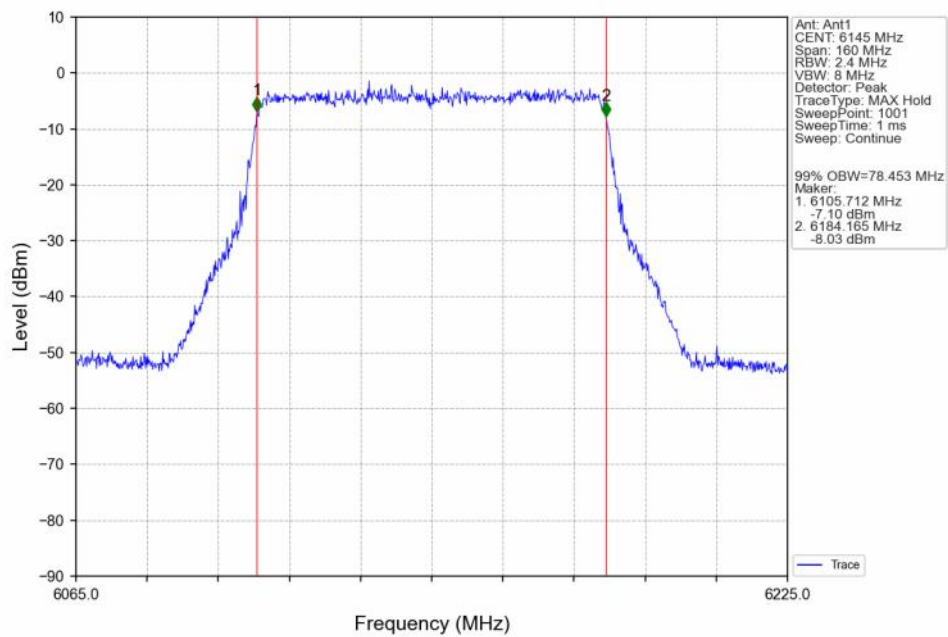
802.11ax(HEW40)_HCH_6405MHz_SU / Ant1_NTNV



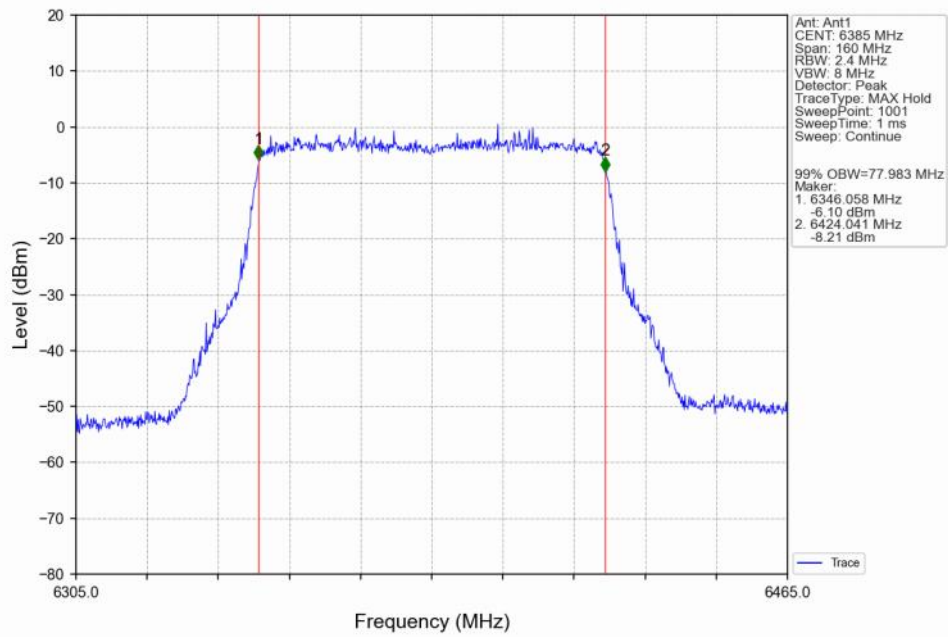
802.11ax(HEW80)_LCH_5985MHz_SU_/_Ant1_NTNV



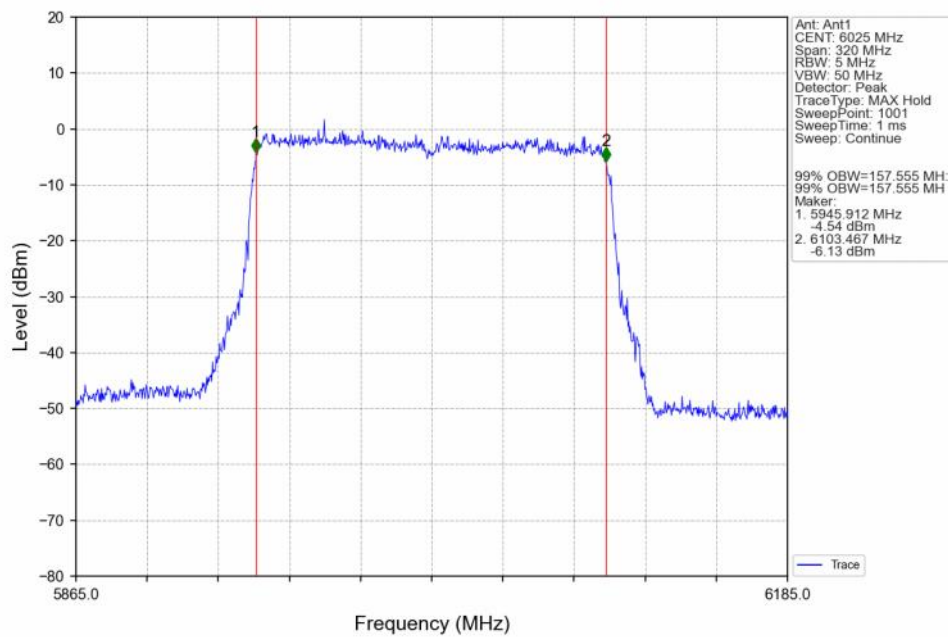
802.11ax(HEW80)_MCH_6145MHz_SU_/_Ant1_NTNV



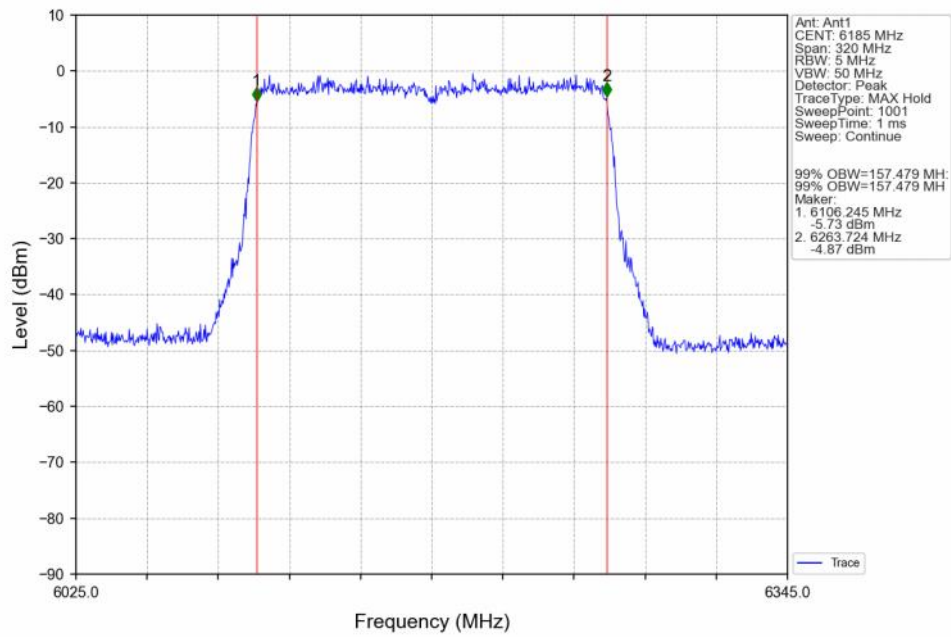
802.11ax(HEW80)_HCH_6385MHz_SU / _Ant1_NTNV



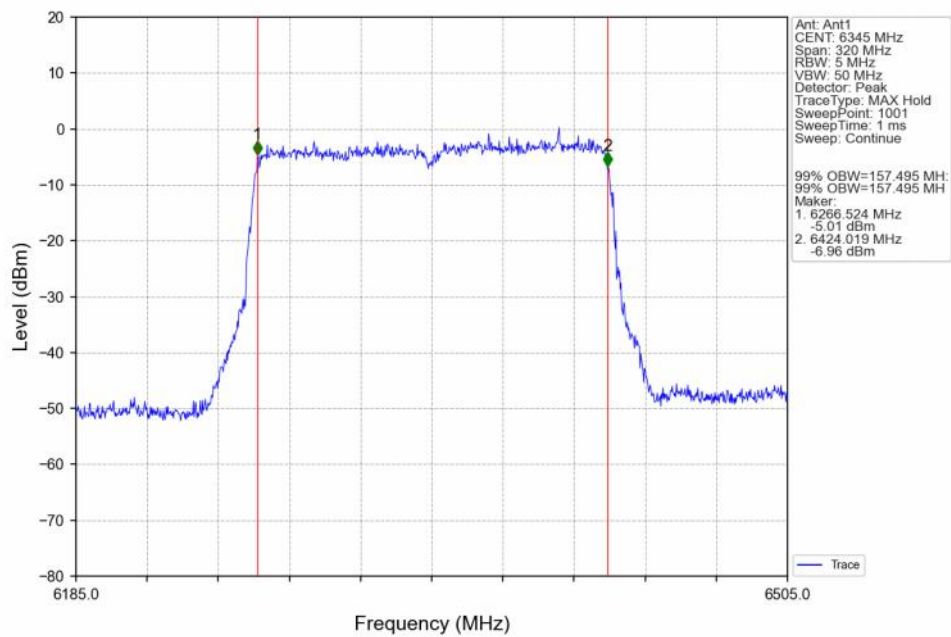
802.11ax(HEW160)_LCH_6025MHz_SU / _Ant1_NTNV



802.11ax(HEW160)_MCH_6185MHz_SU_/_Ant1_NTNV

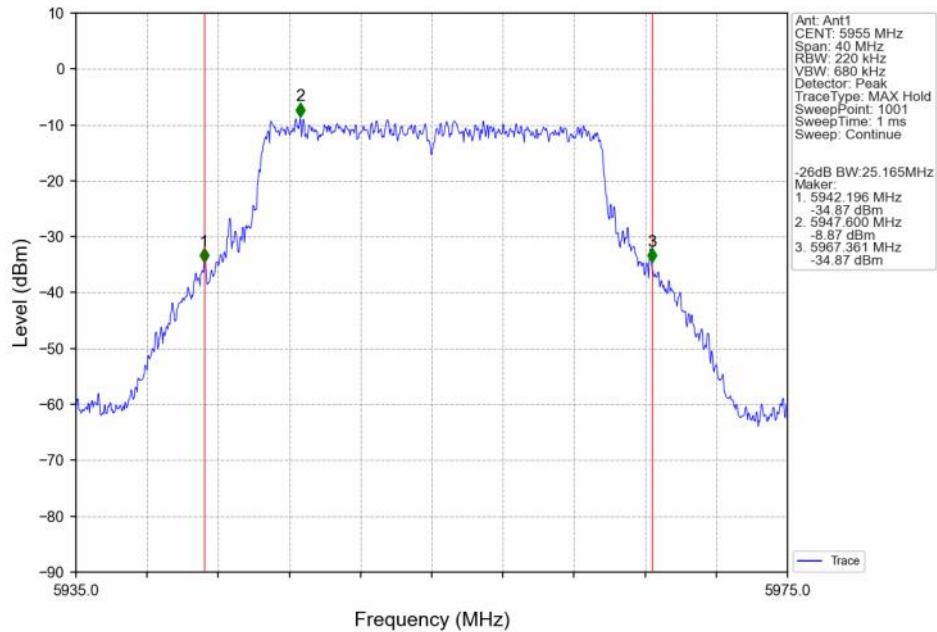


802.11ax(HEW160)_HCH_6345MHz_SU_/_Ant1_NTNV

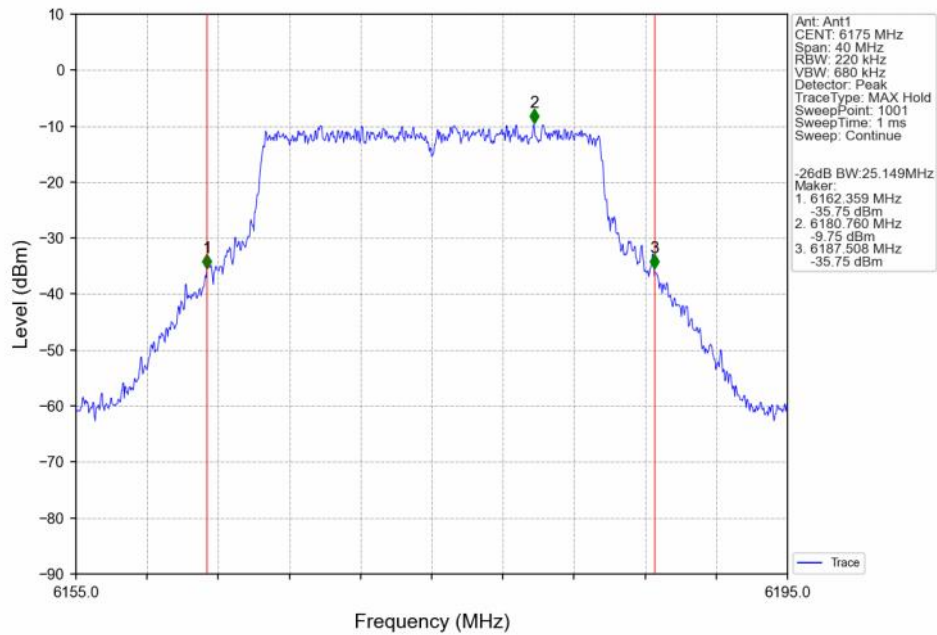


2.2.2 26dB BW

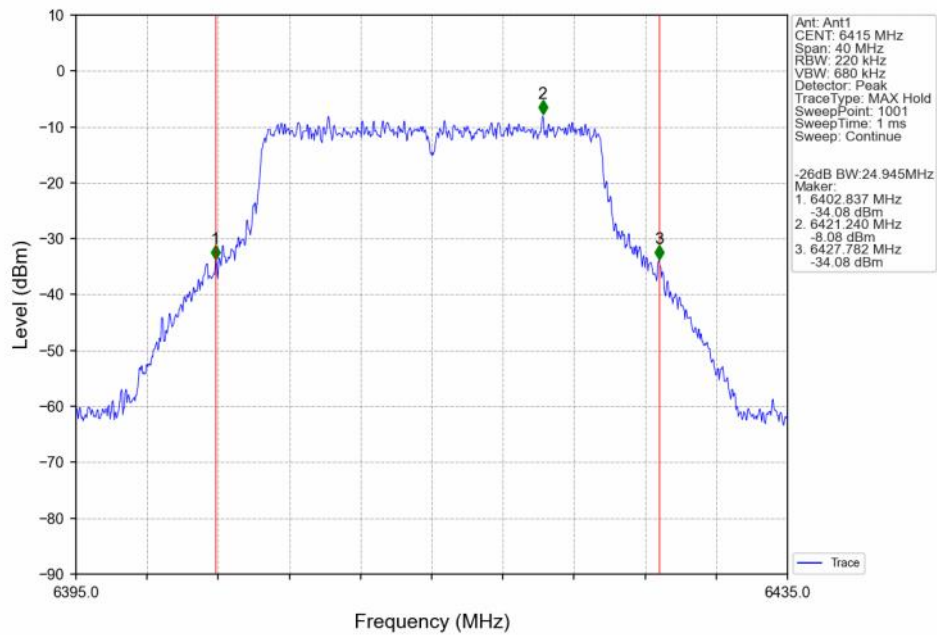
802.11ax(HEW20)_LCH_5955MHz_SU_ / Ant1_NTNV



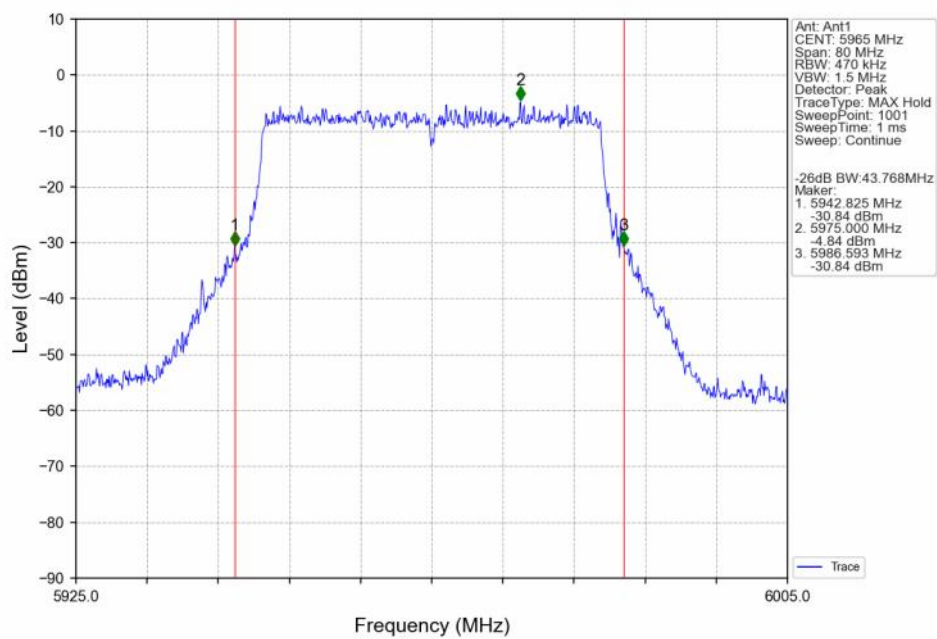
802.11ax(HEW20)_MCH_6175MHz_SU_ / Ant1_NTNV



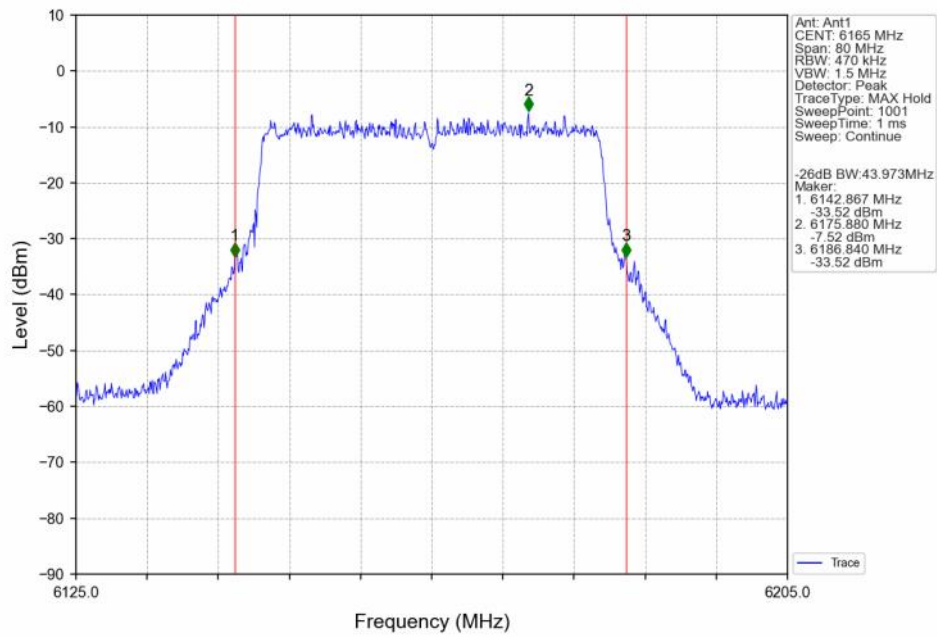
802.11ax(HEW20)_HCH_6415MHz_SU_ / _Ant1_NTNV



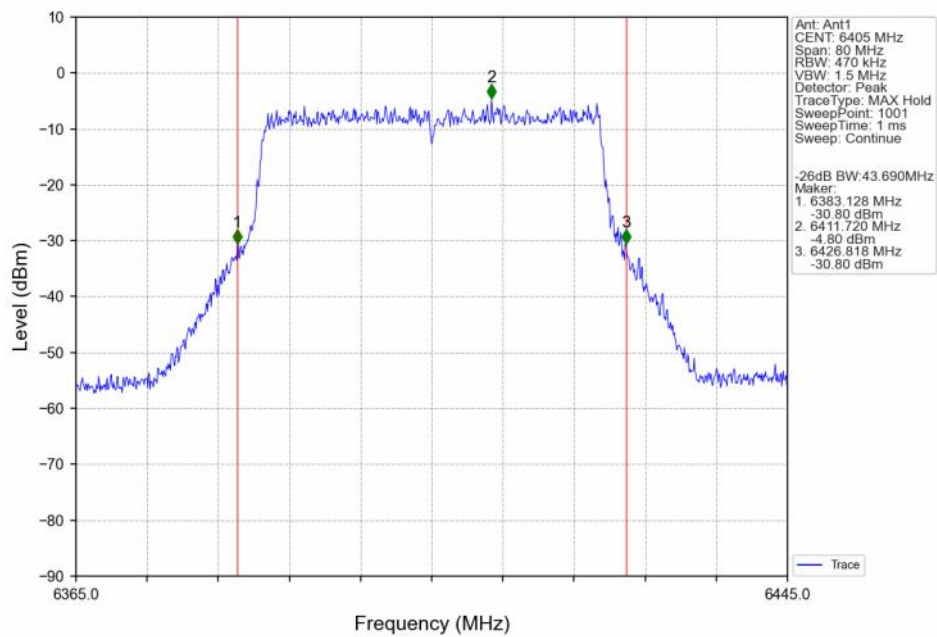
802.11ax(HEW40)_LCH_5965MHz_SU_ / _Ant1_NTNV



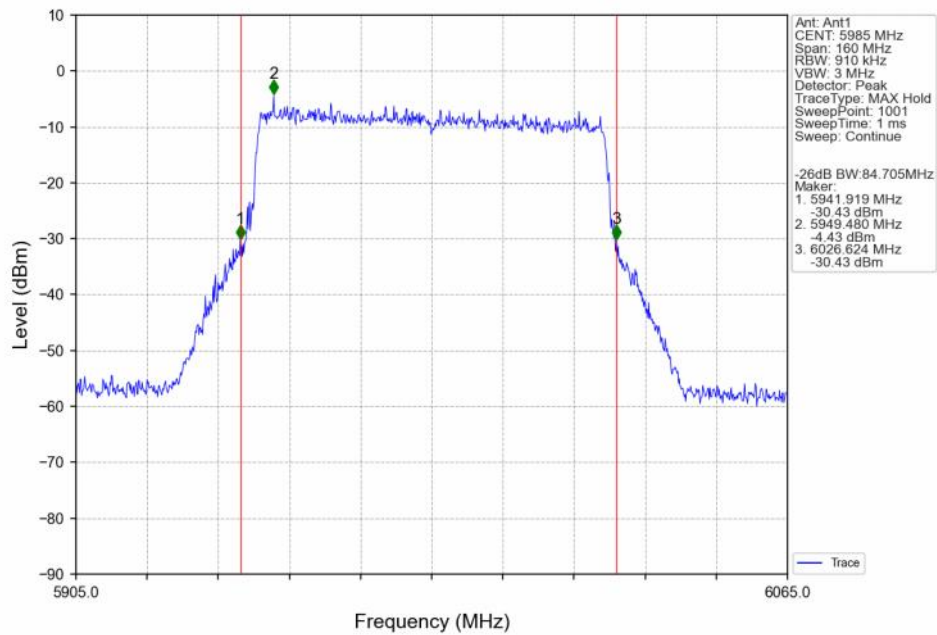
802.11ax(HEW40)_MCH_6165MHz_SU / Ant1_NTNV



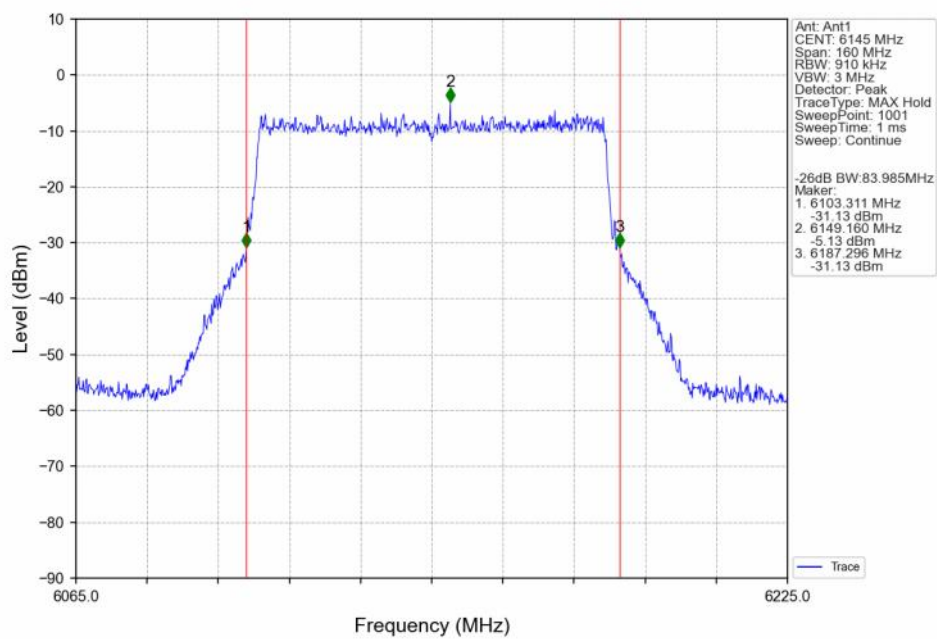
802.11ax(HEW40)_HCH_6405MHz_SU / Ant1_NTNV



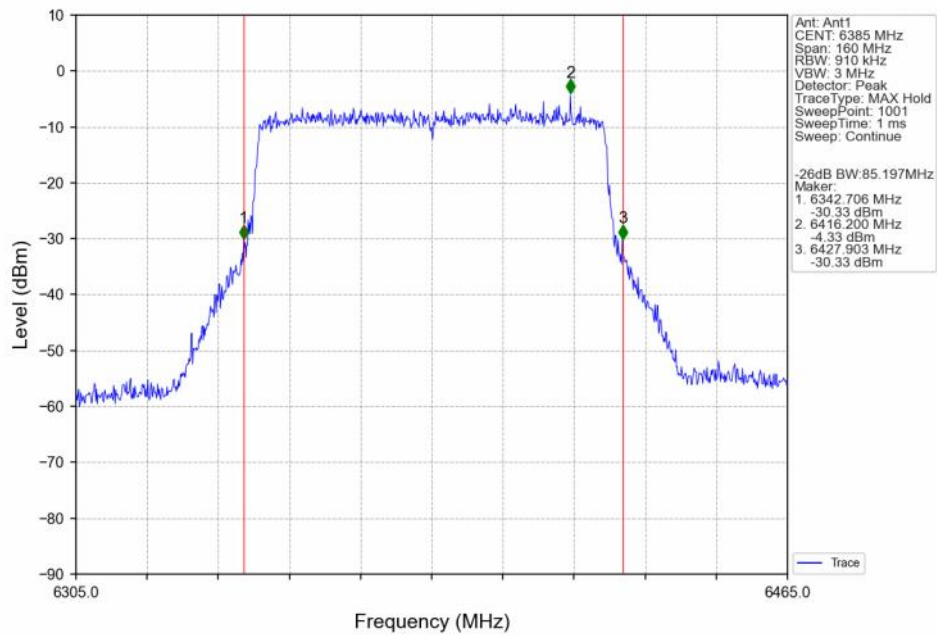
802.11ax(HEW80)_LCH_5985MHz_SU_ / _Ant1_NTNV



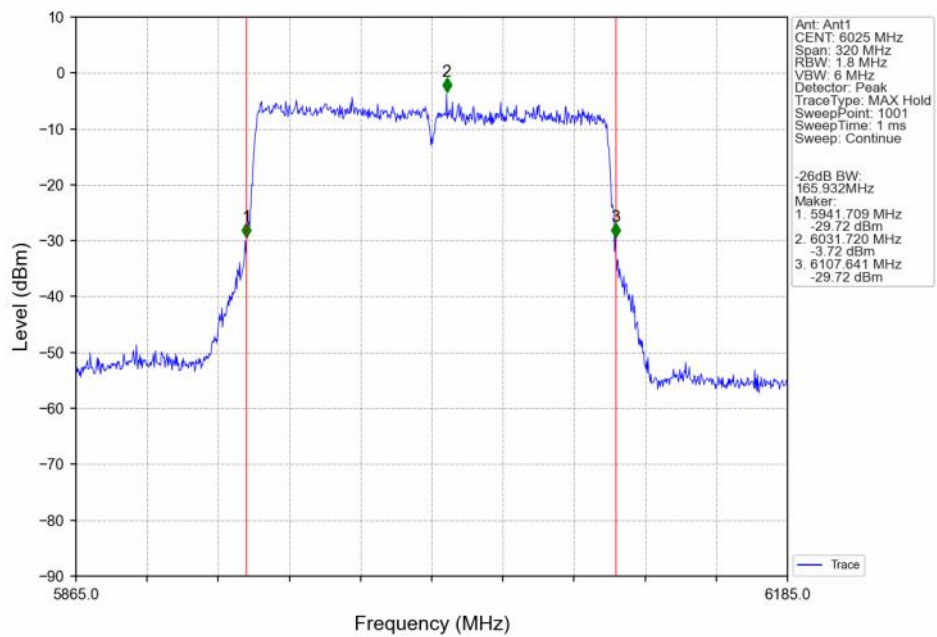
802.11ax(HEW80)_MCH_6145MHz_SU_ / _Ant1_NTNV



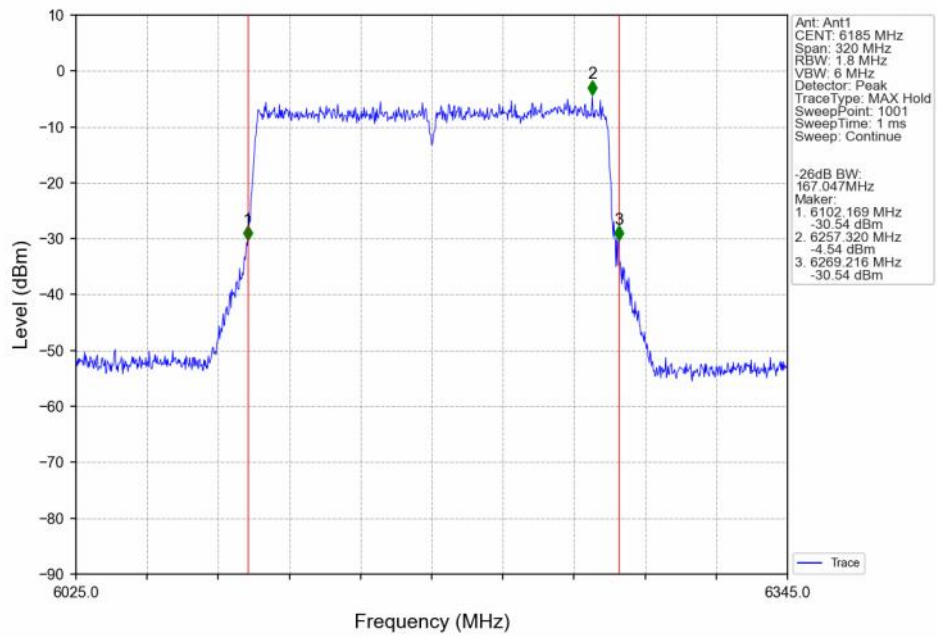
802.11ax(HEW80)_HCH_6385MHz_SU / Ant1_NTNV



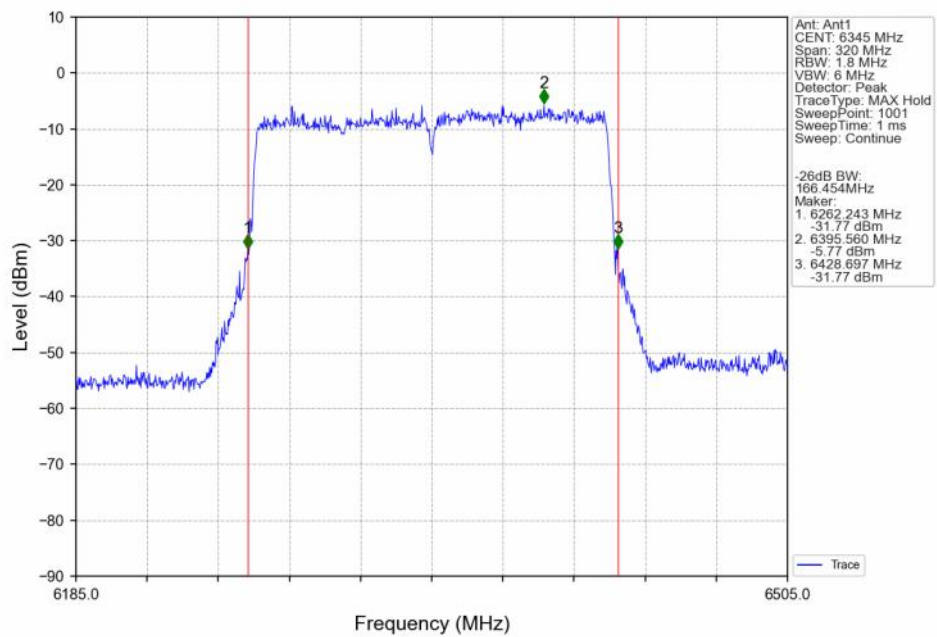
802.11ax(HEW160)_LCH_6025MHz_SU / Ant1_NTNV



802.11ax(HEW160)_MCH_6185MHz_SU_/_Ant1_NTNV

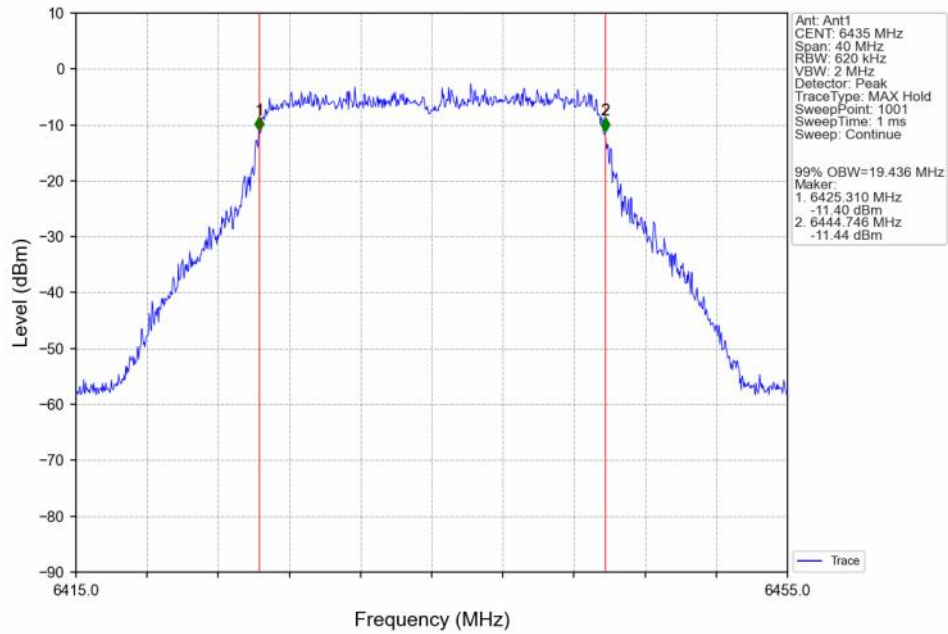


802.11ax(HEW160)_HCH_6345MHz_SU_/_Ant1_NTNV

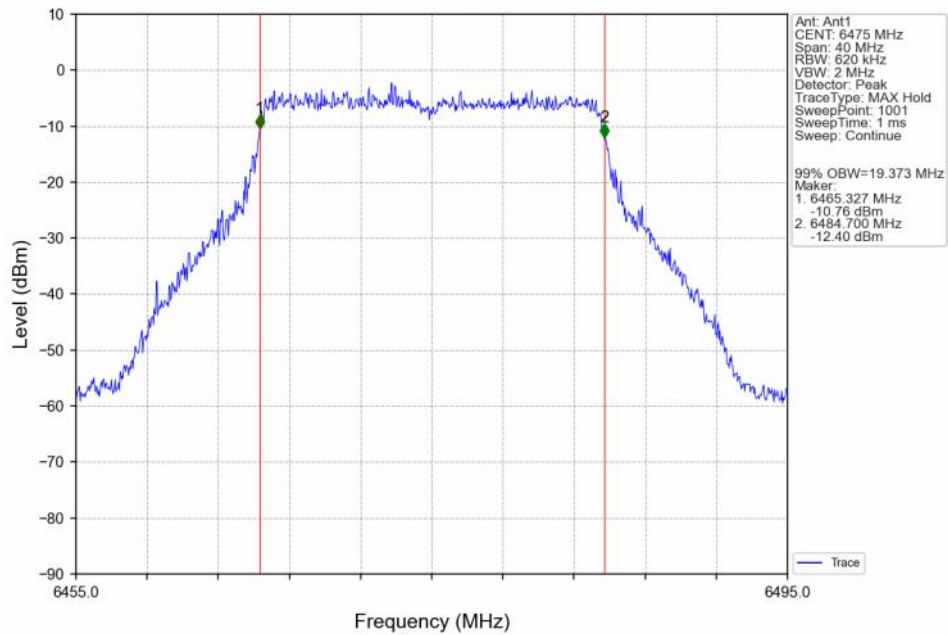


2.2.3 OBW

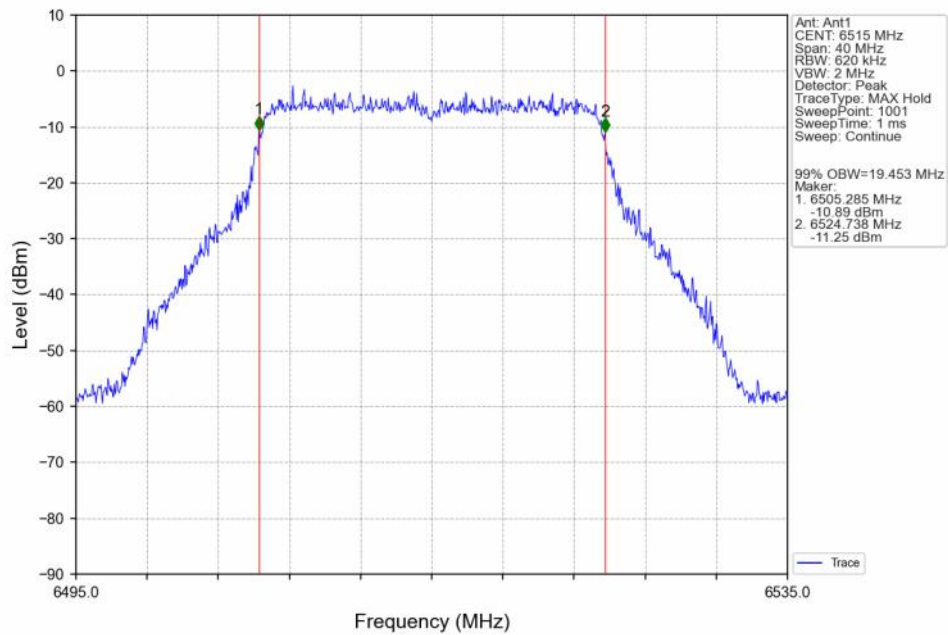
802.11ax(HEW20)_LCH_6435MHz_SU_ / Ant1_NTNV



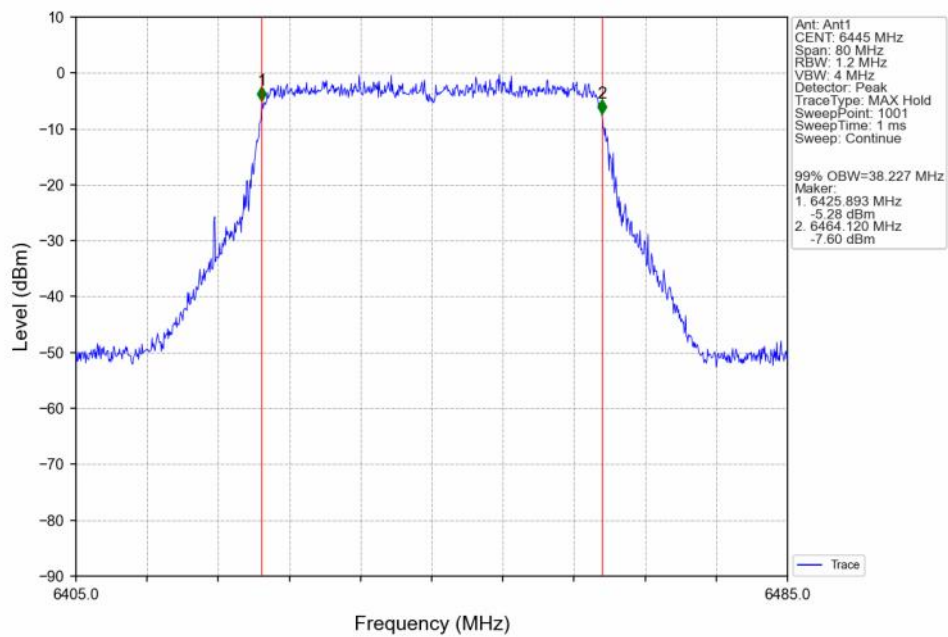
802.11ax(HEW20)_MCH_6475MHz_SU_ / Ant1_NTNV



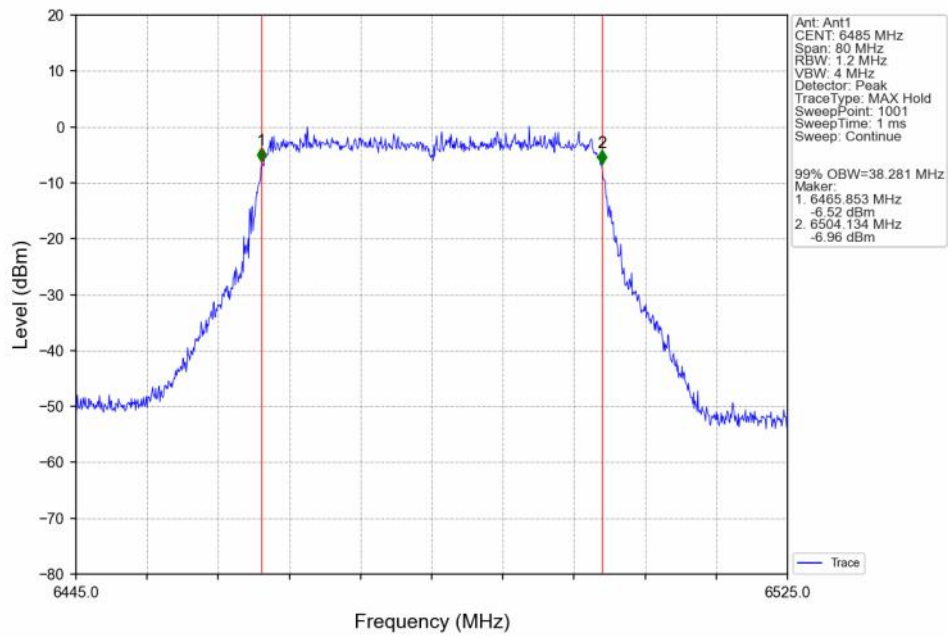
802.11ax(HEW20)_HCH_6515MHz_SU_/_Ant1_NTNV



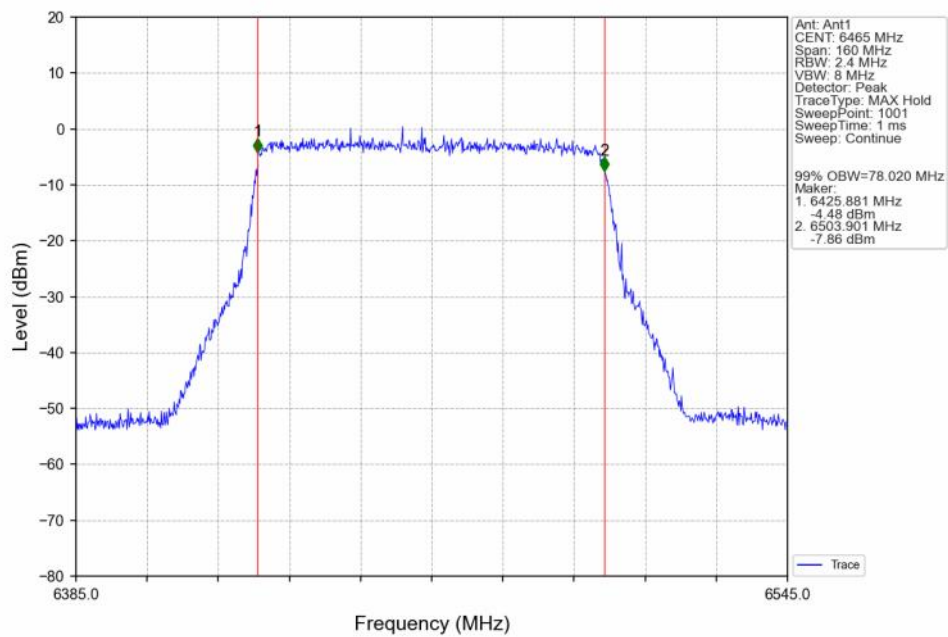
802.11ax(HEW40)_LCH_6445MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_MCH_6485MHz_SU / Ant1_NTNV

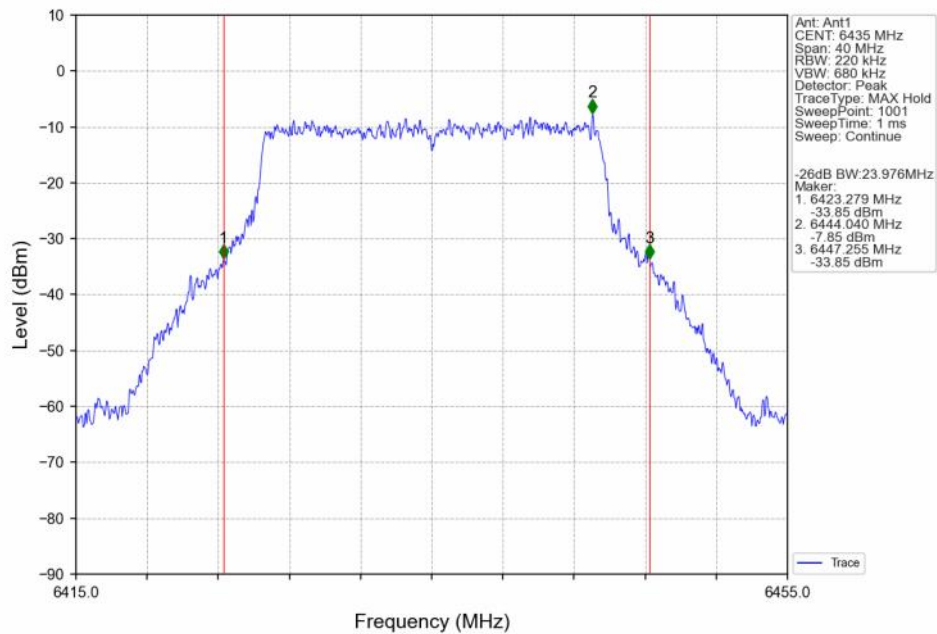


802.11ax(HEW80)_LCH_6465MHz_SU / Ant1_NTNV

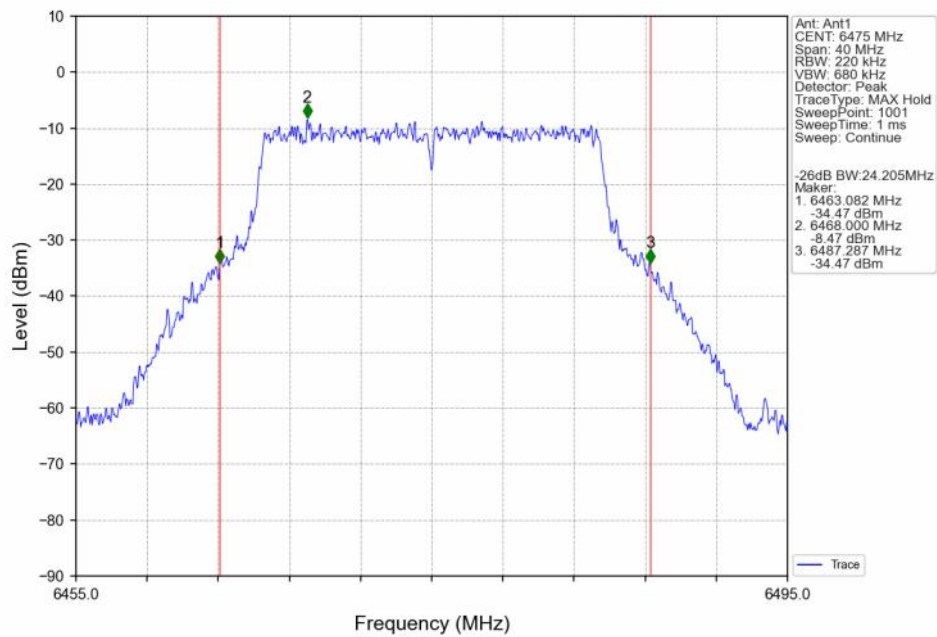


2.2.4 26dB BW

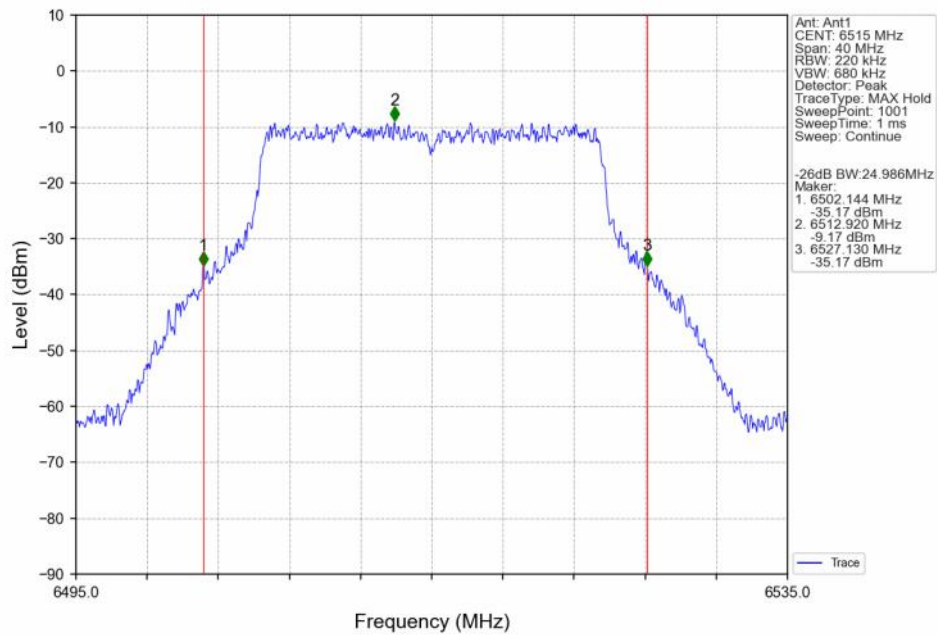
802.11ax(HEW20)_LCH_6435MHz_SU_ / Ant1_NTNV



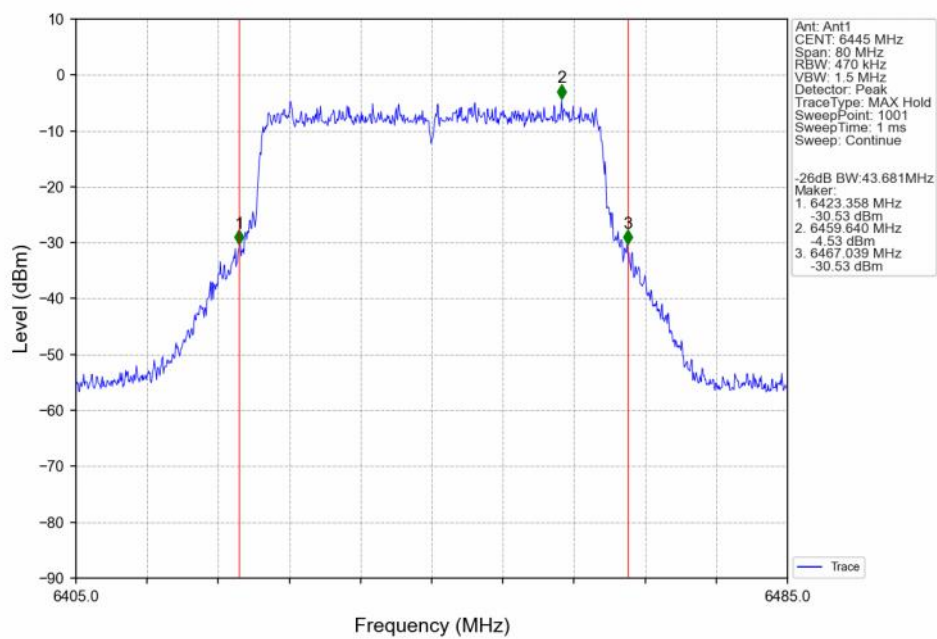
802.11ax(HEW20)_MCH_6475MHz_SU_ / Ant1_NTNV



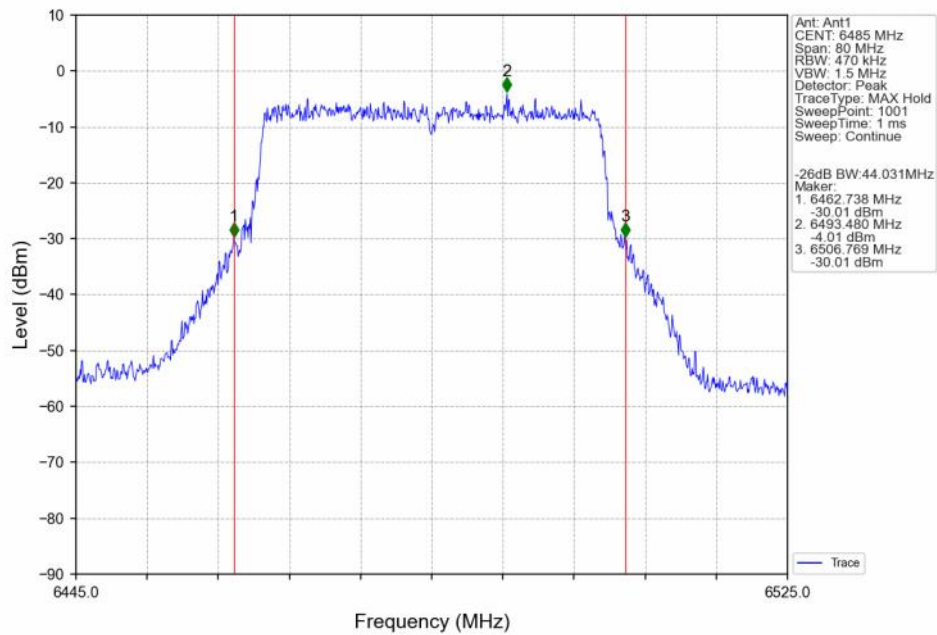
802.11ax(HEW20)_HCH_6515MHz_SU / Ant1_NTNV



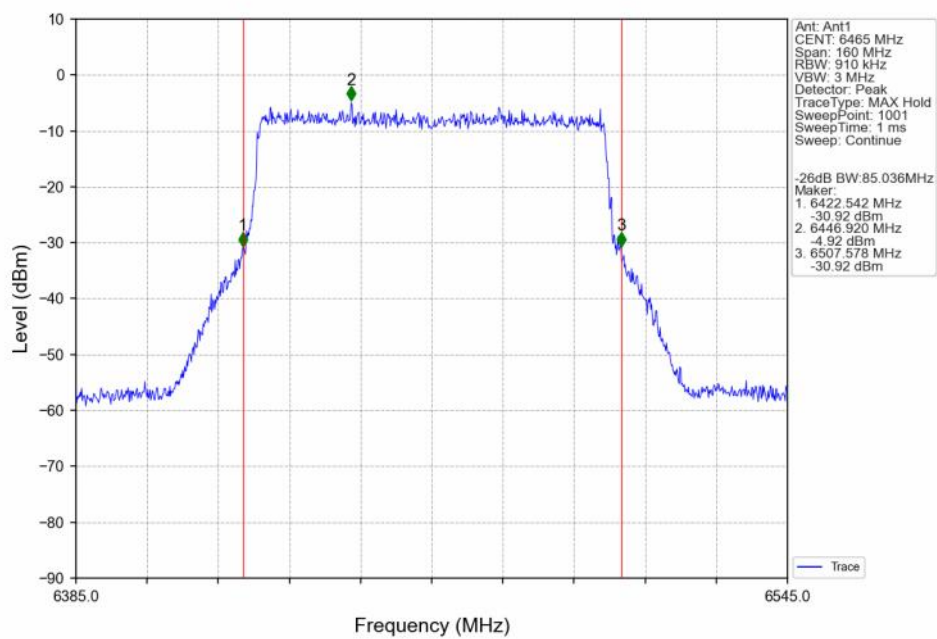
802.11ax(HEW40)_LCH_6445MHz_SU / Ant1_NTNV



802.11ax(HEW40)_MCH_6485MHz_SU / Ant1_NTNV

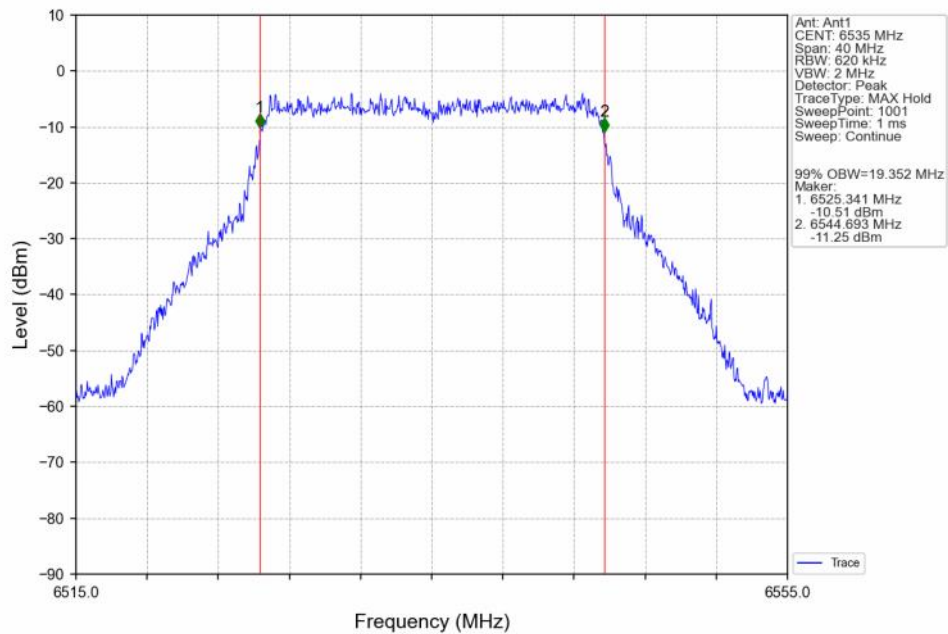


802.11ax(HEW80)_LCH_6465MHz_SU / Ant1_NTNV

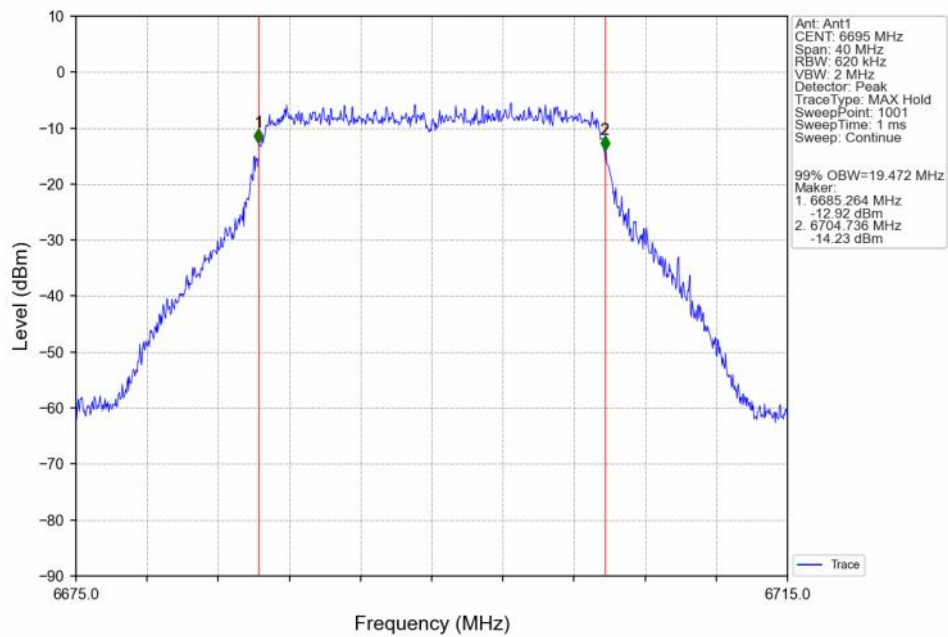


2.2.5 OBW

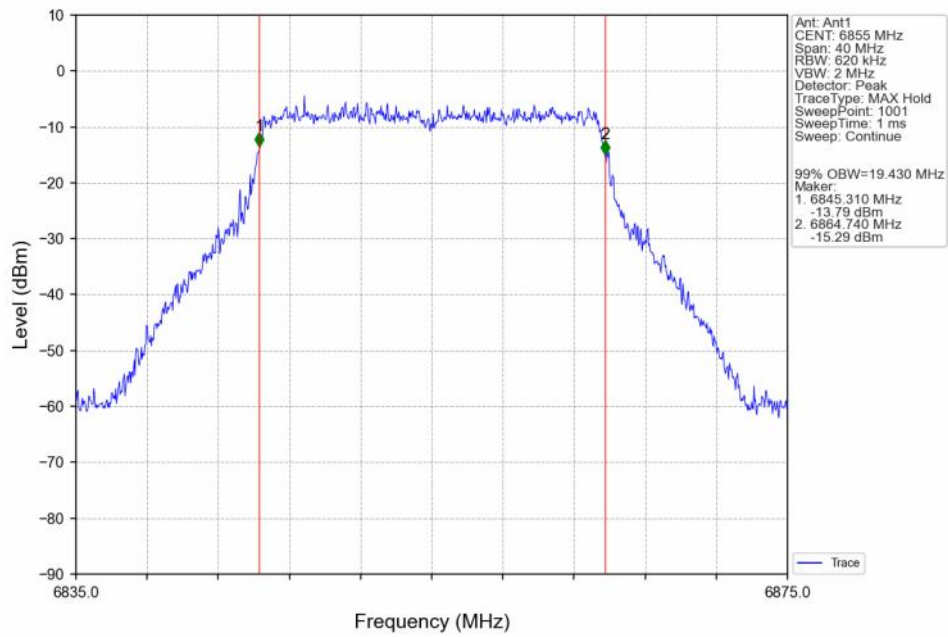
802.11ax(HEW20)_LCH_6535MHz_SU_ / Ant1_NTNV



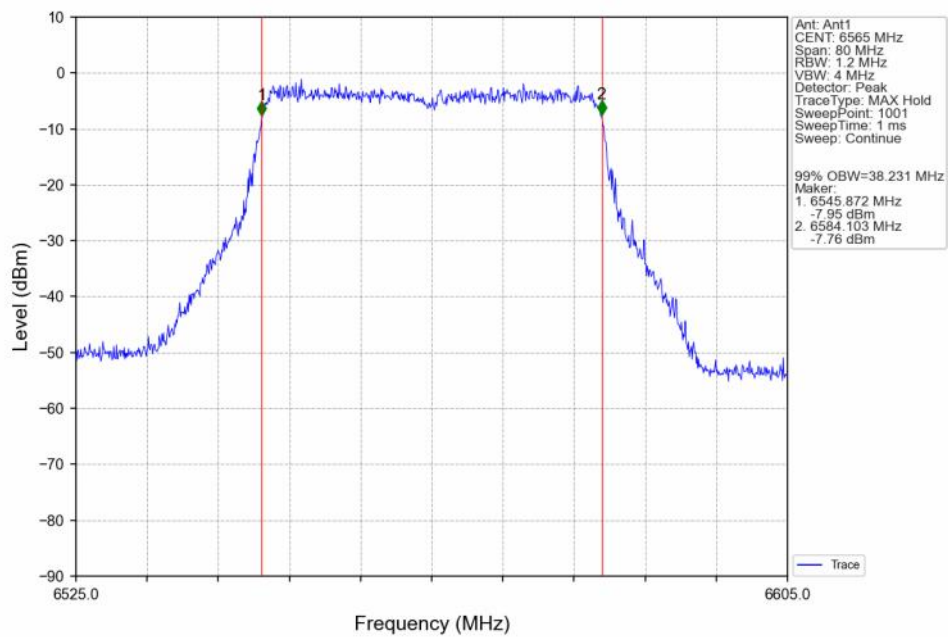
802.11ax(HEW20)_MCH_6695MHz_SU_ / Ant1_NTNV



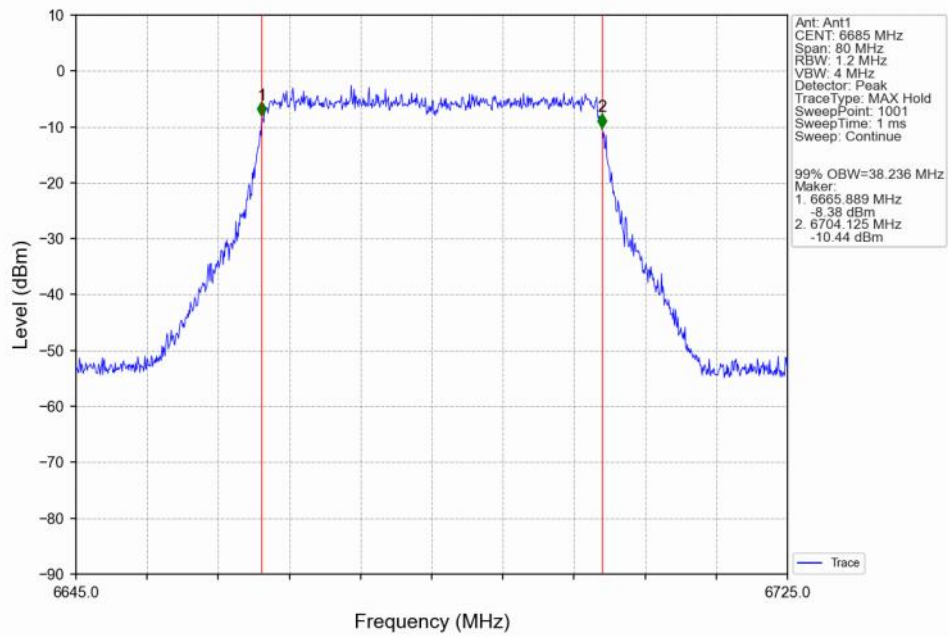
802.11ax(HEW20)_HCH_6855MHz_SU_ / _Ant1_NTNV



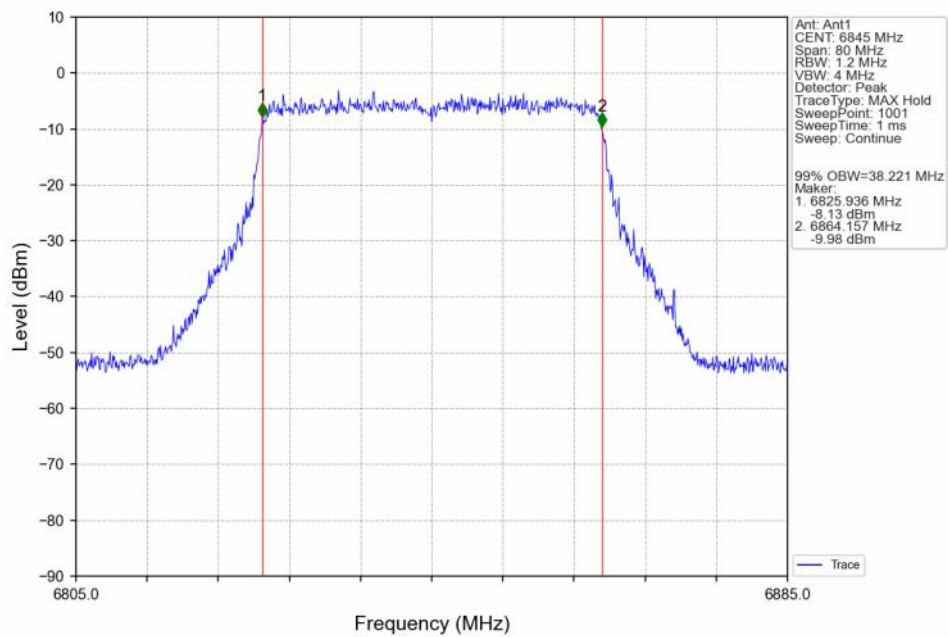
802.11ax(HEW40)_LCH_6565MHz_SU_ / _Ant1_NTNV



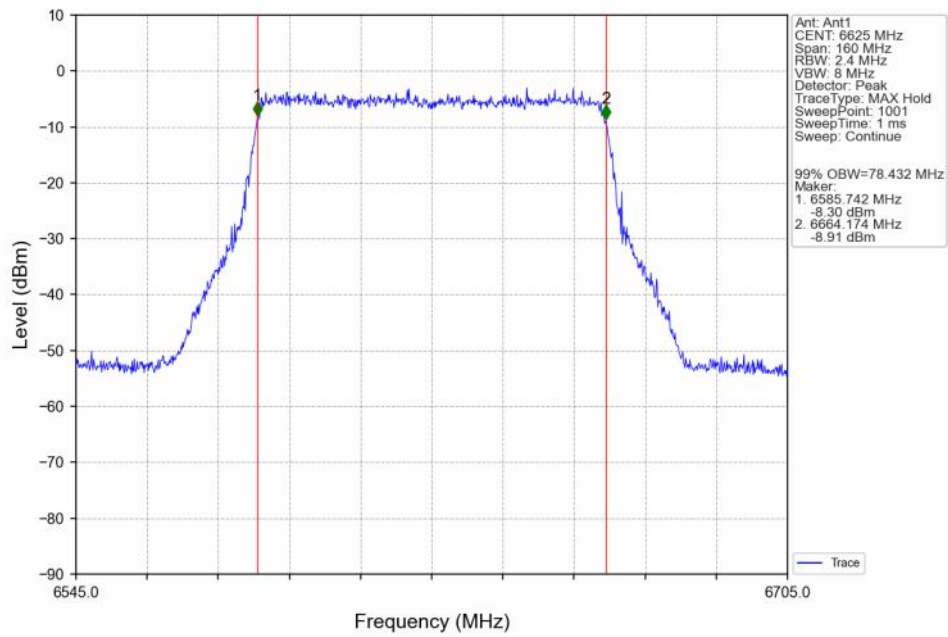
802.11ax(HEW40)_MCH_6685MHz_SU / Ant1_NTNV



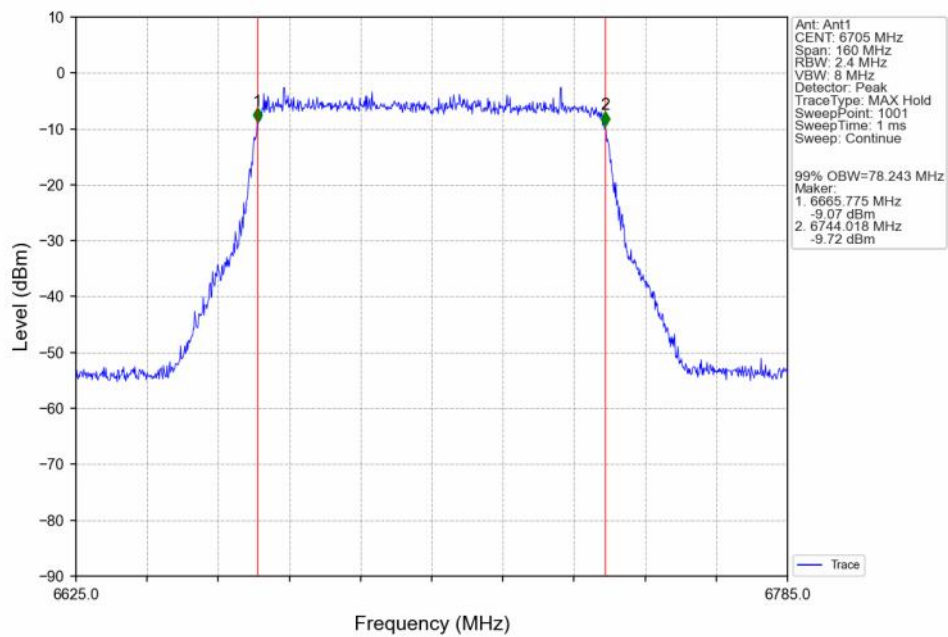
802.11ax(HEW40)_HCH_6845MHz_SU / Ant1_NTNV



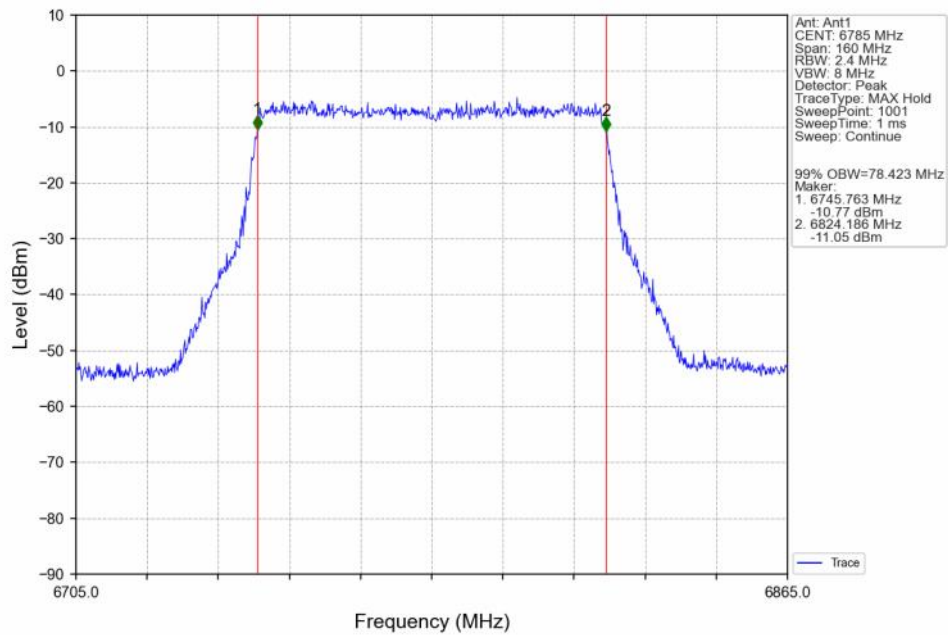
802.11ax(HEW80)_LCH_6625MHz_SU_/_Ant1_NTNV



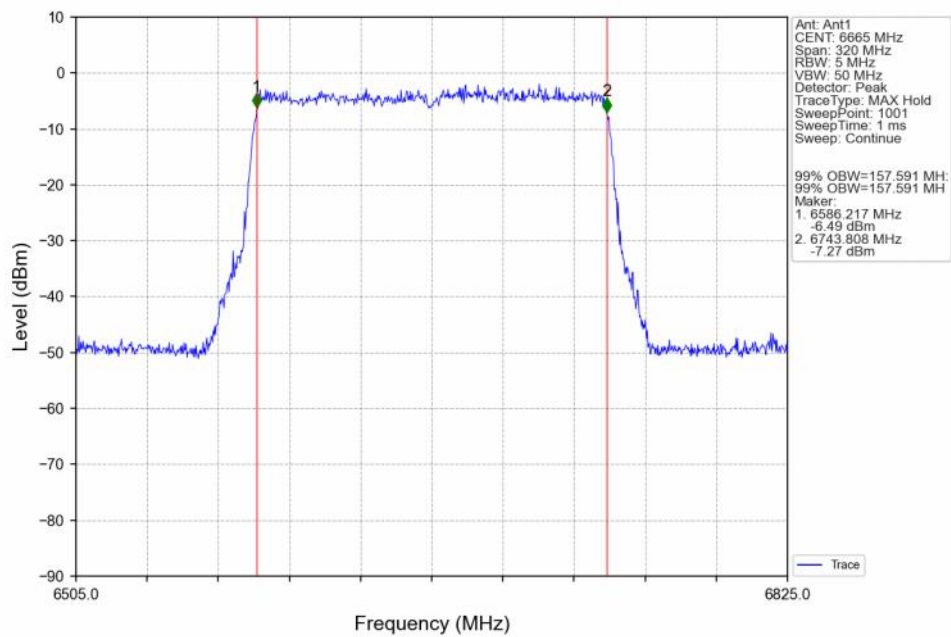
802.11ax(HEW80)_MCH_6705MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_HCH_6785MHz_SU / _Ant1_NTNV

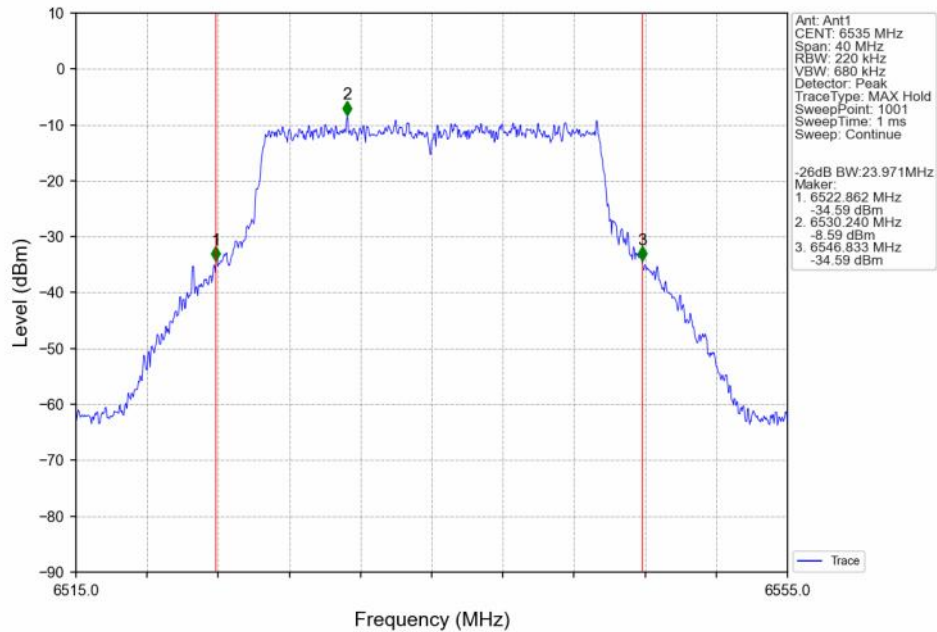


802.11ax(HEW160)_MCH_6665MHz_SU / _Ant1_NTNV

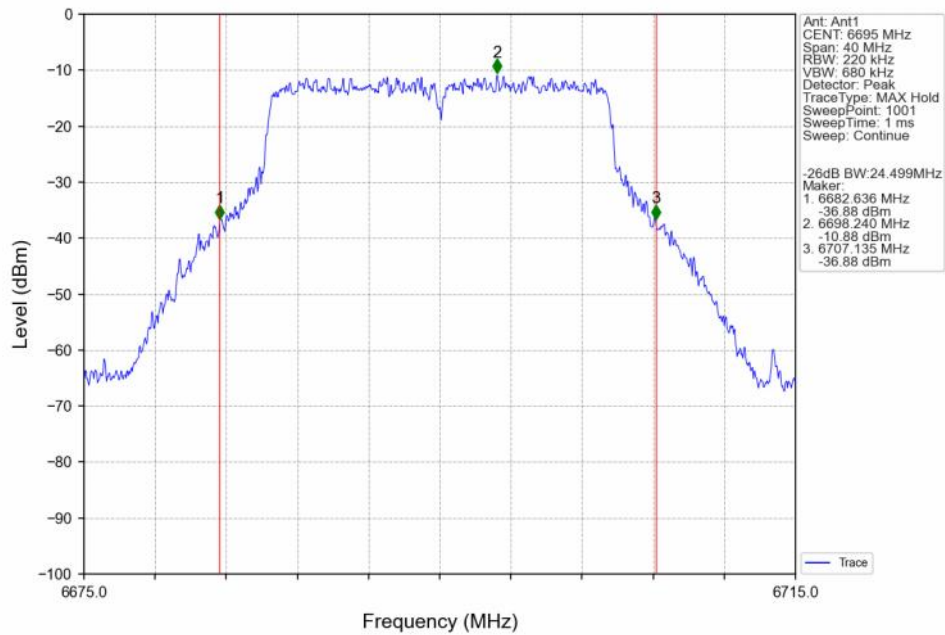


2.2.6 26dB BW

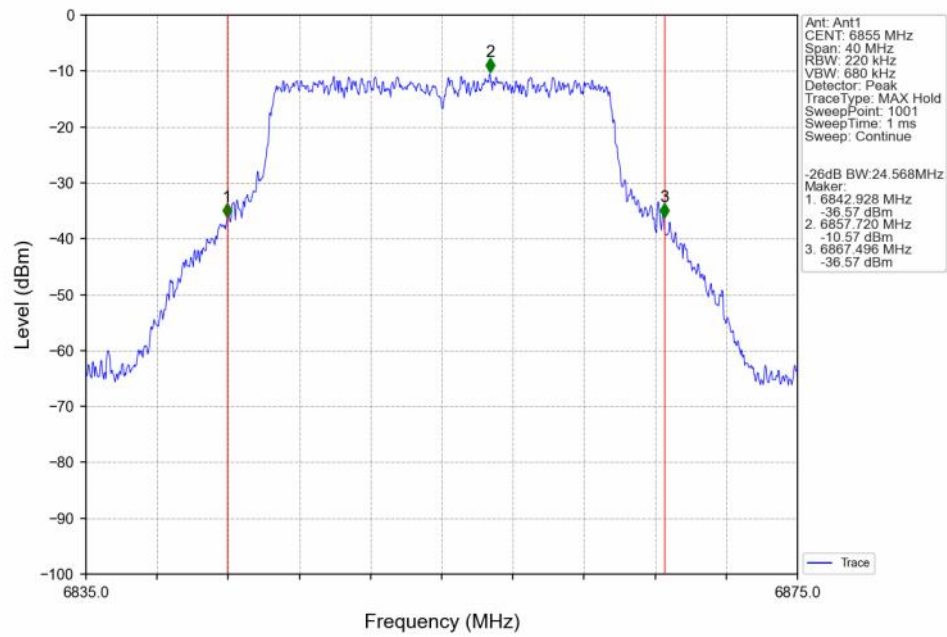
802.11ax(HEW20)_LCH_6535MHz_SU_ / Ant1_NTNV



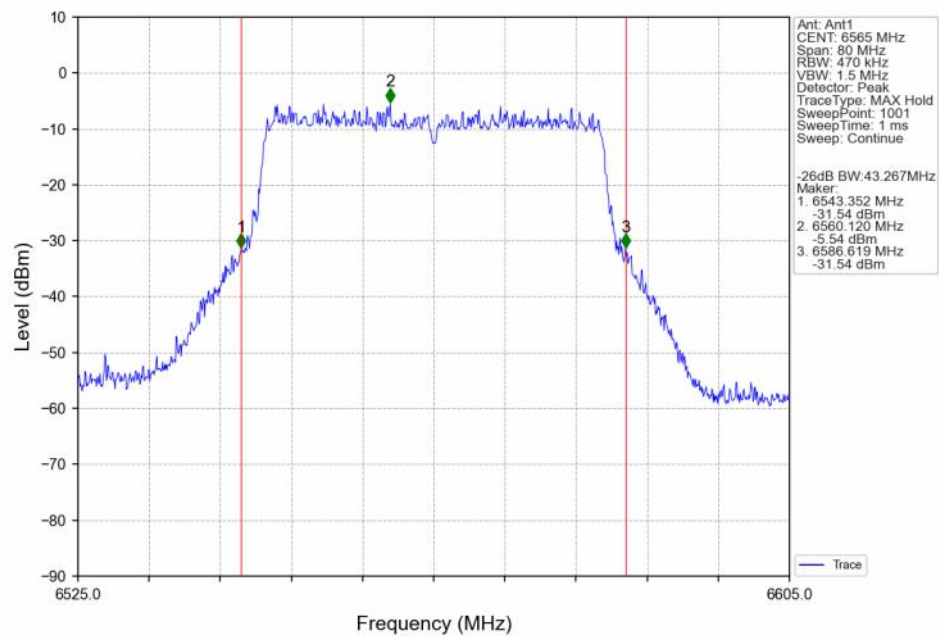
802.11ax(HEW20)_MCH_6695MHz_SU_ / Ant1_NTNV



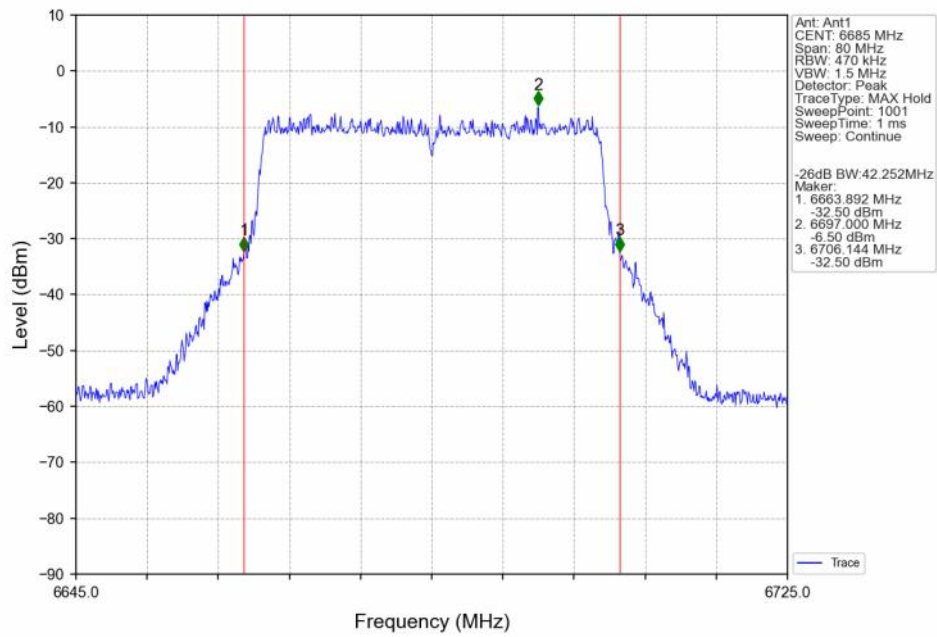
802.11ax(HEW20)_HCH_6855MHz_SU_ / _Ant1_NTNV



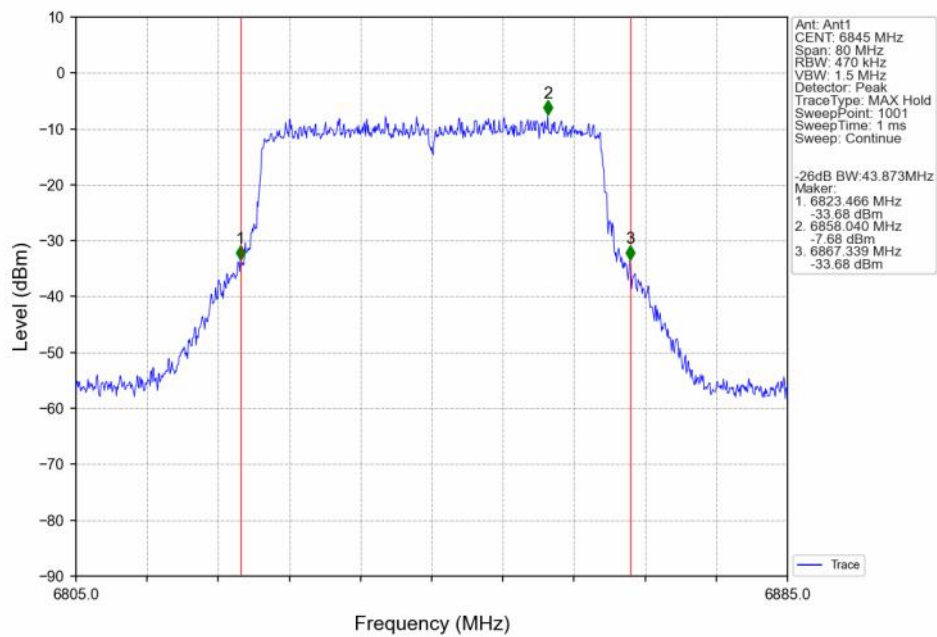
802.11ax(HEW40)_LCH_6565MHz_SU_ / _Ant1_NTNV



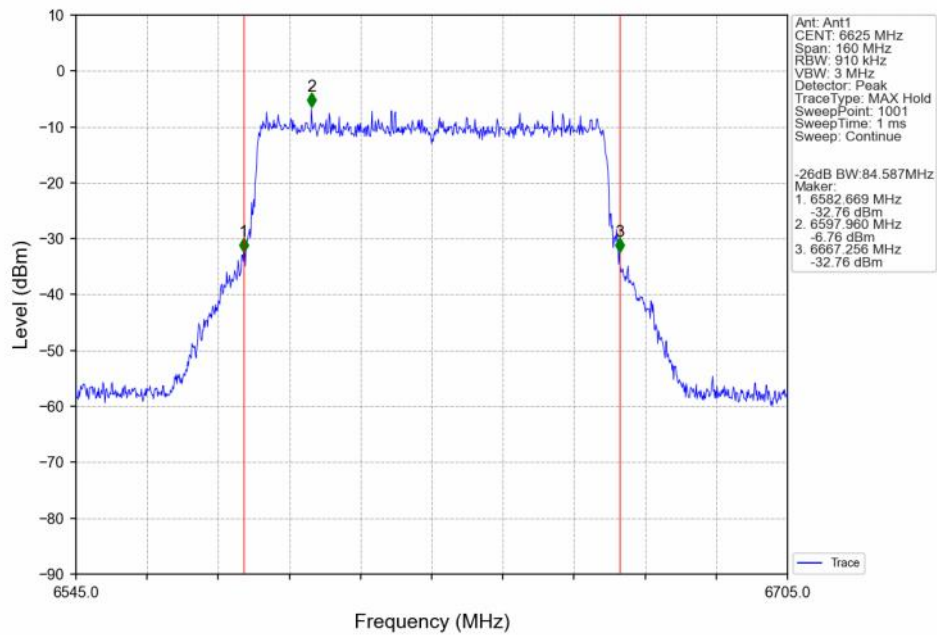
802.11ax(HEW40)_MCH_6685MHz_SU / Ant1_NTNV



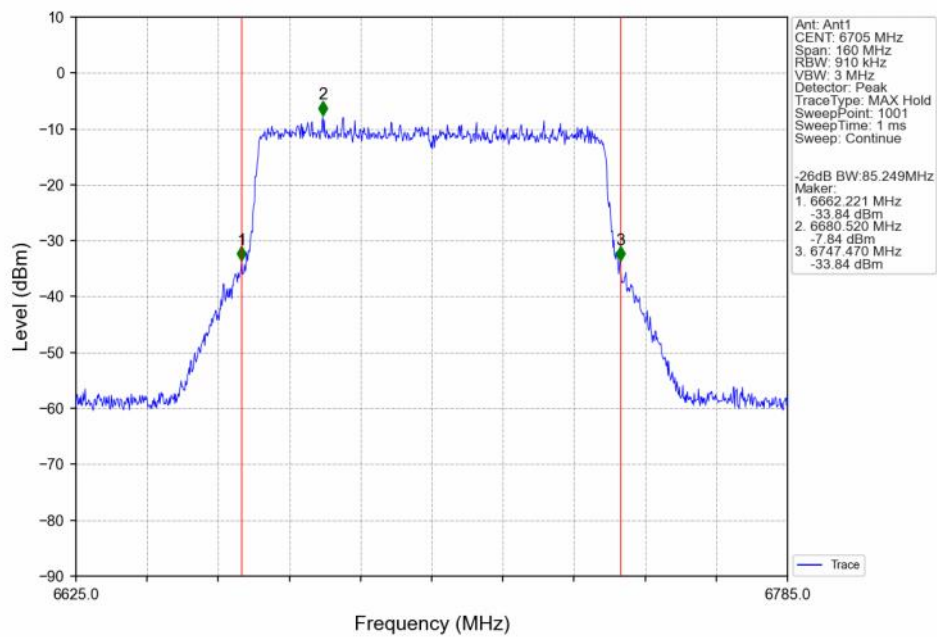
802.11ax(HEW40)_HCH_6845MHz_SU / Ant1_NTNV



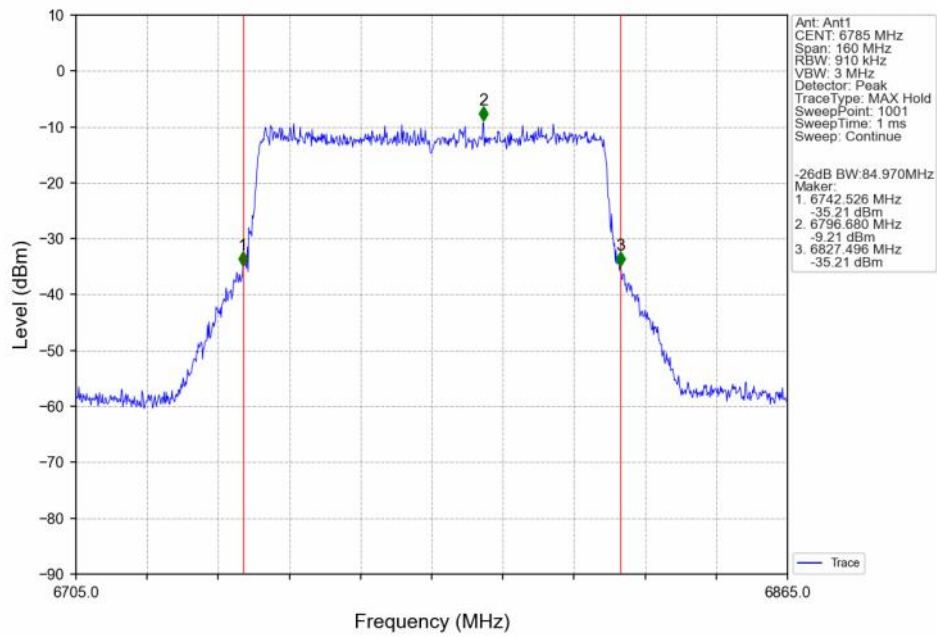
802.11ax(HEW80)_LCH_6625MHz_SU_ / _Ant1_NTNV



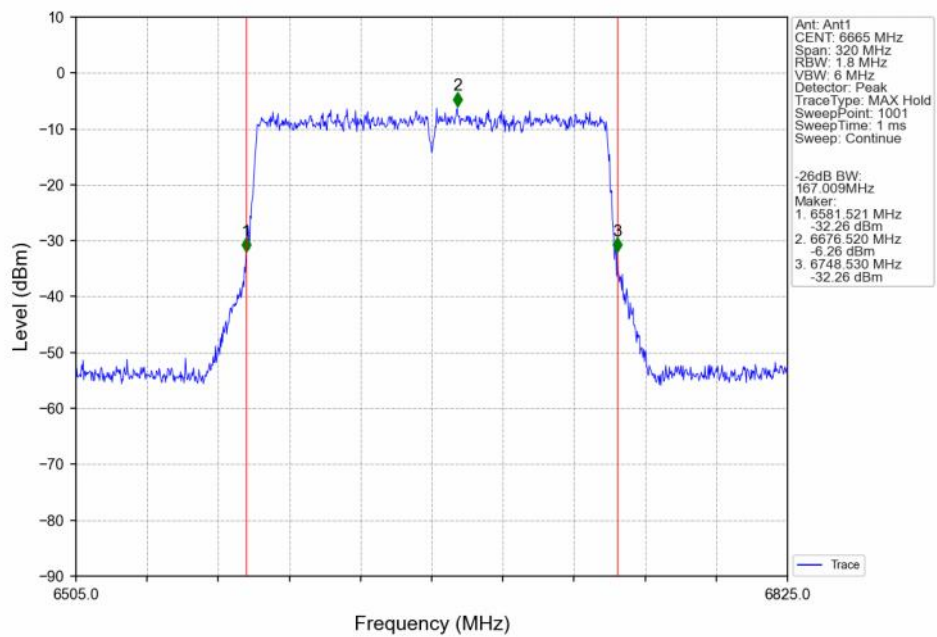
802.11ax(HEW80)_MCH_6705MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_HCH_6785MHz_SU_/_Ant1_NTNV

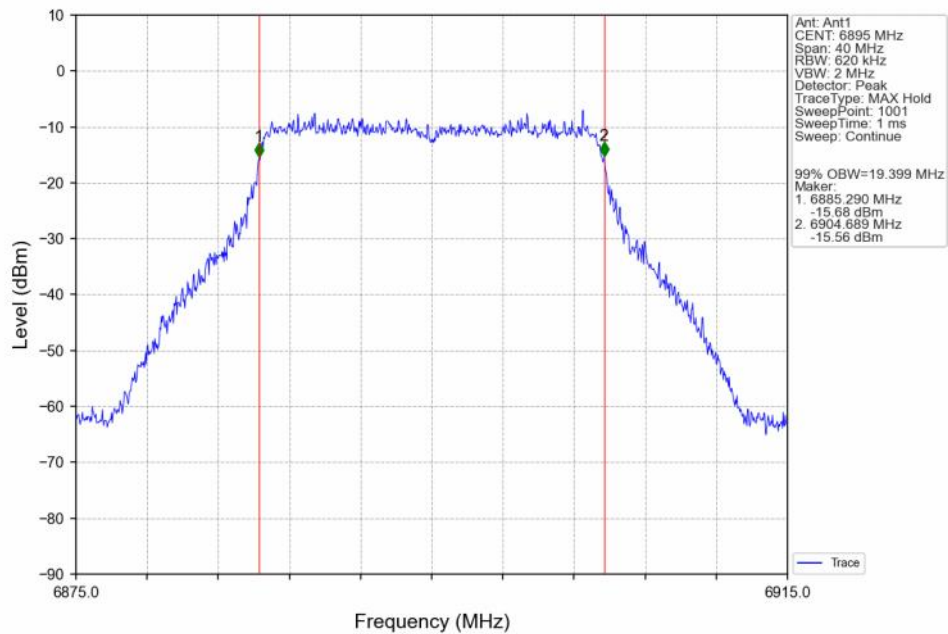


802.11ax(HEW160)_MCH_6665MHz_SU_/_Ant1_NTNV

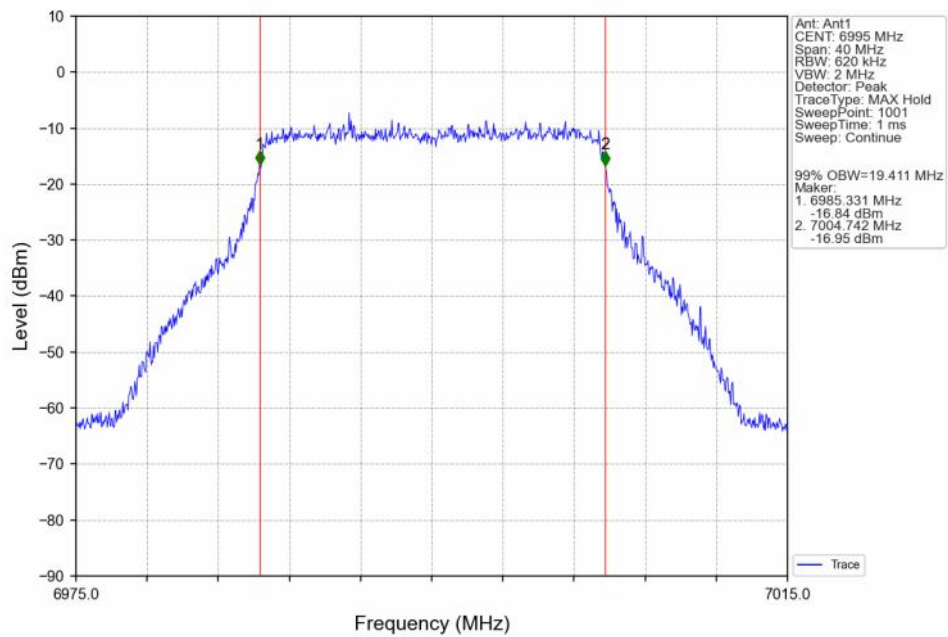


2.2.7 OBW

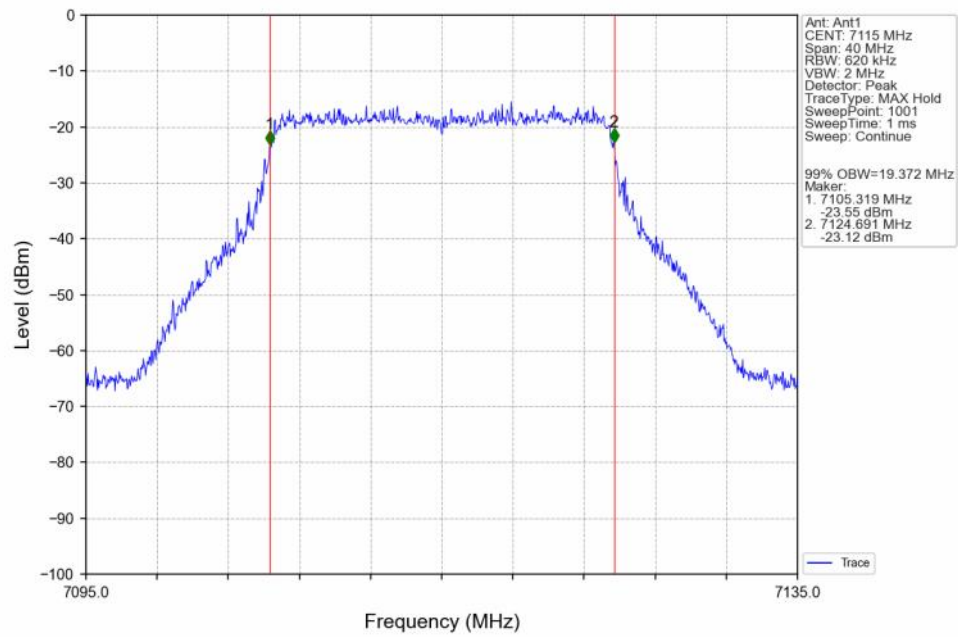
802.11ax(HEW20)_LCH_6895MHz_SU_ / Ant1_NTNV



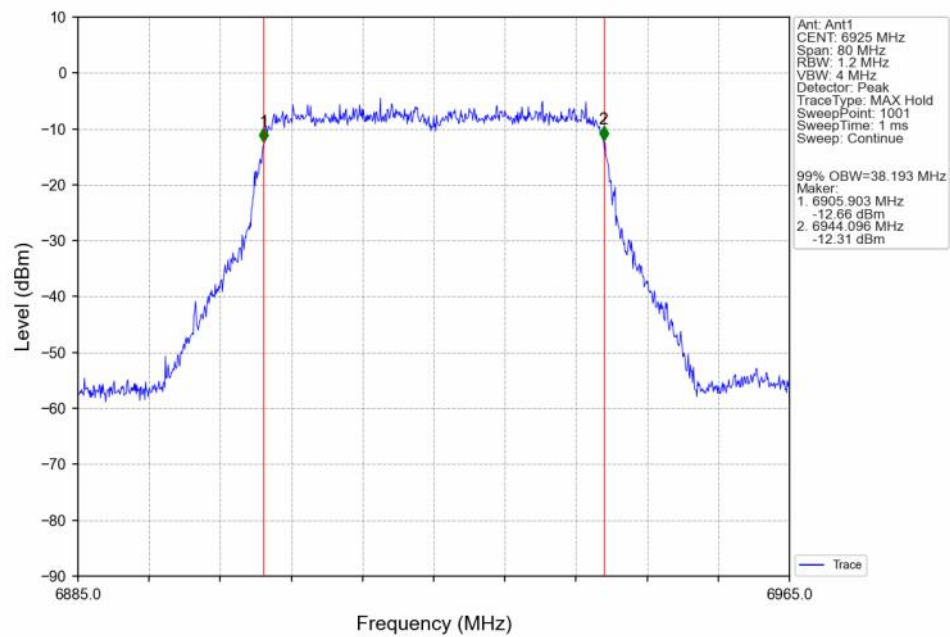
802.11ax(HEW20)_MCH_6995MHz_SU_ / Ant1_NTNV



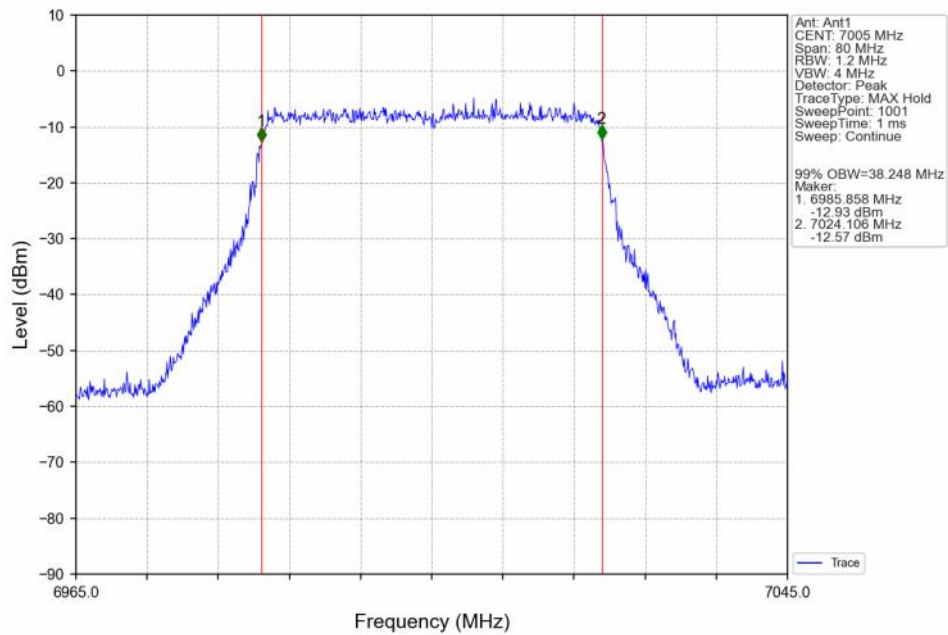
802.11ax(HEW20)_HCH_7115MHz_SU / _Ant1_NTNV



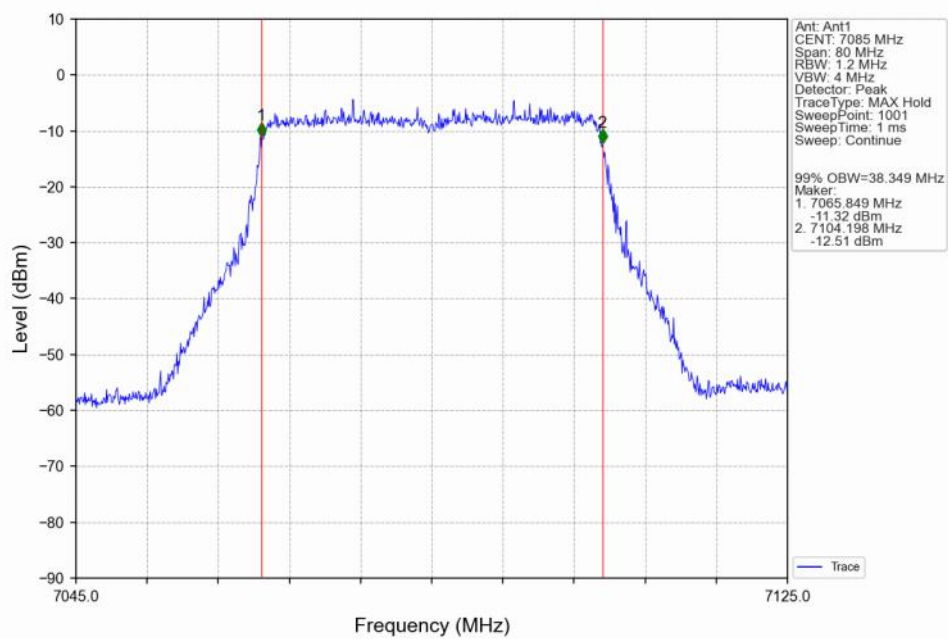
802.11ax(HEW40)_LCH_6925MHz_SU / _Ant1_NTNV



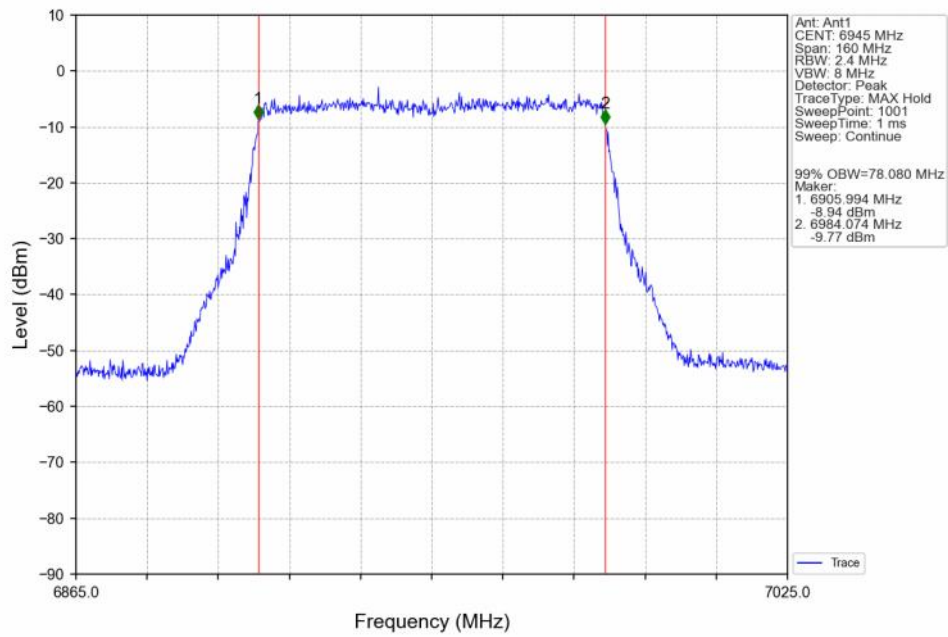
802.11ax(HEW40)_MCH_7005MHz_SU / Ant1_NTNV



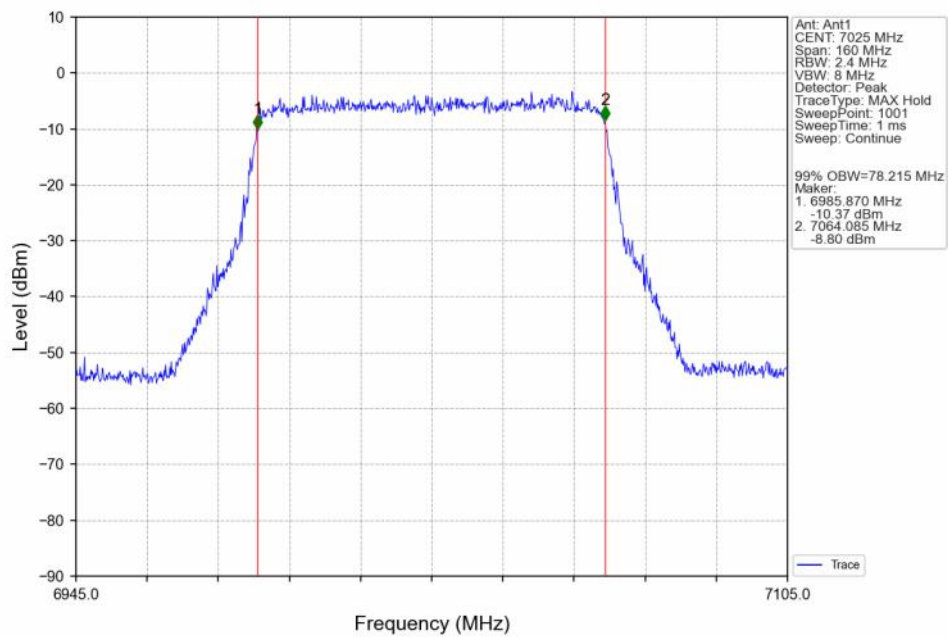
802.11ax(HEW40)_HCH_7085MHz_SU / Ant1_NTNV



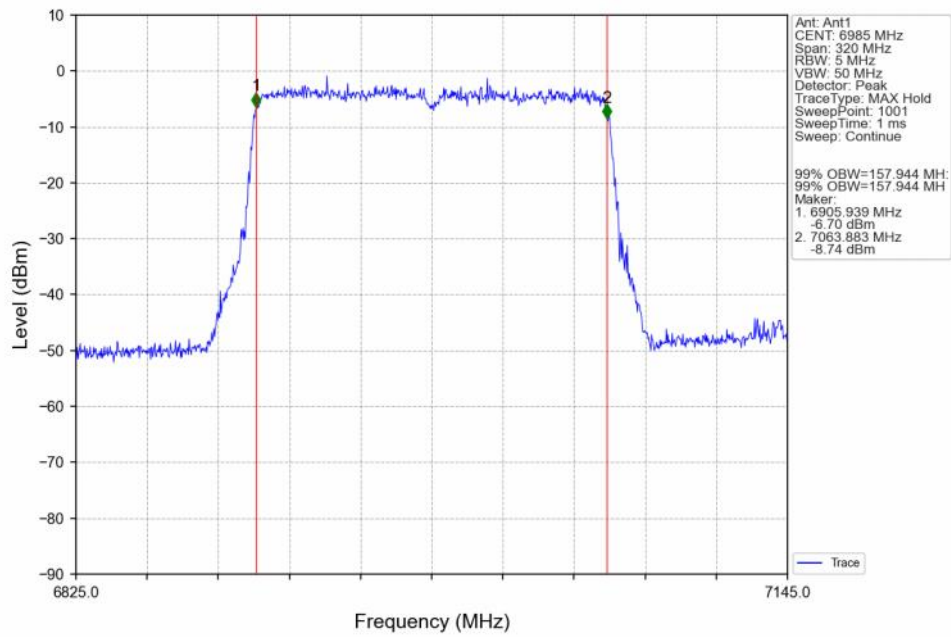
802.11ax(HEW80)_LCH_6945MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_HCH_7025MHz_SU_/_Ant1_NTNV

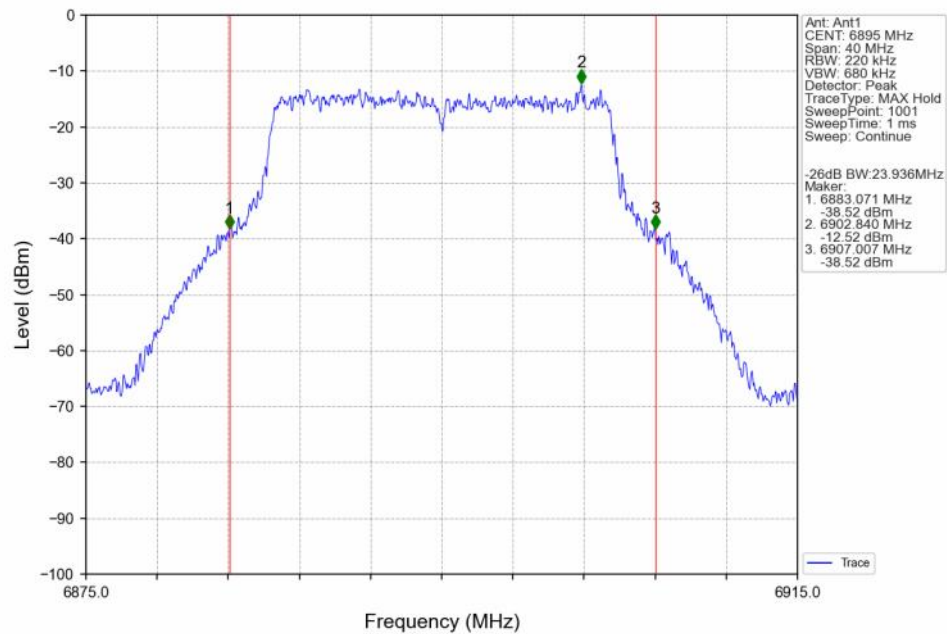


802.11ax(HEW160)_MCH_6985MHz_SU_/_Ant1_NTNV

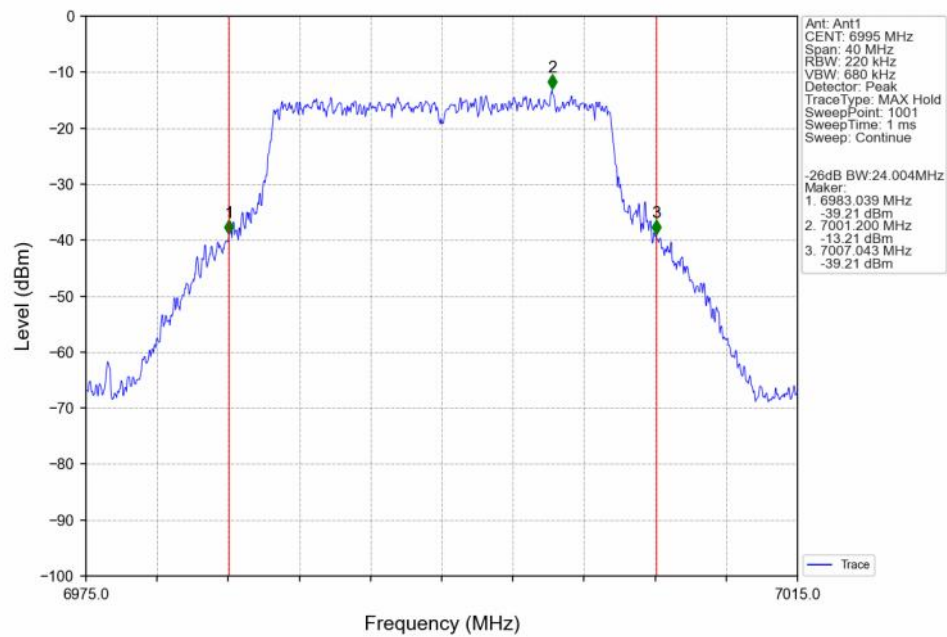


2.2.8 26dB BW

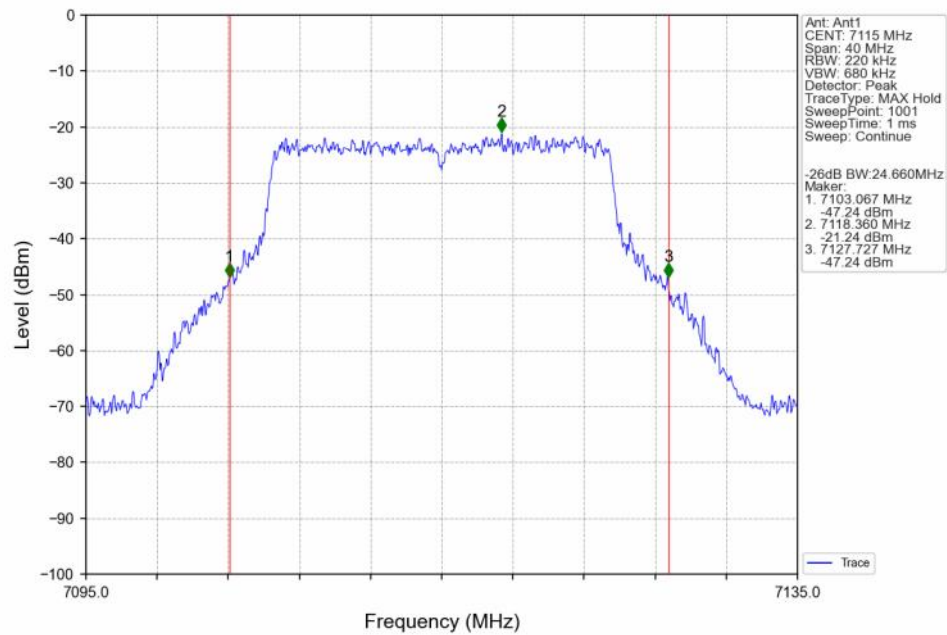
802.11ax(HEW20)_LCH_6895MHz_SU / Ant1_NTNV



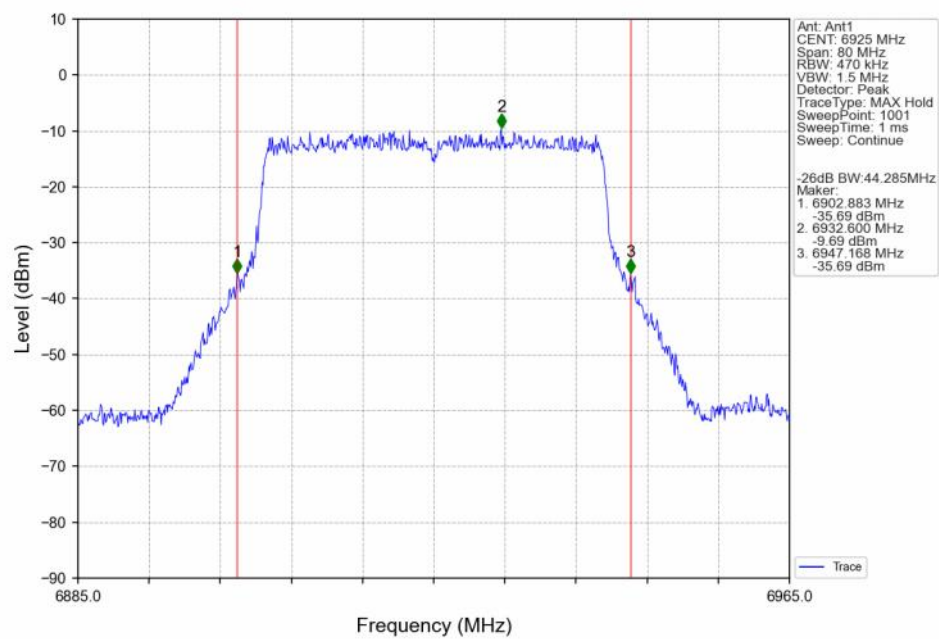
802.11ax(HEW20)_MCH_6995MHz_SU / Ant1_NTNV



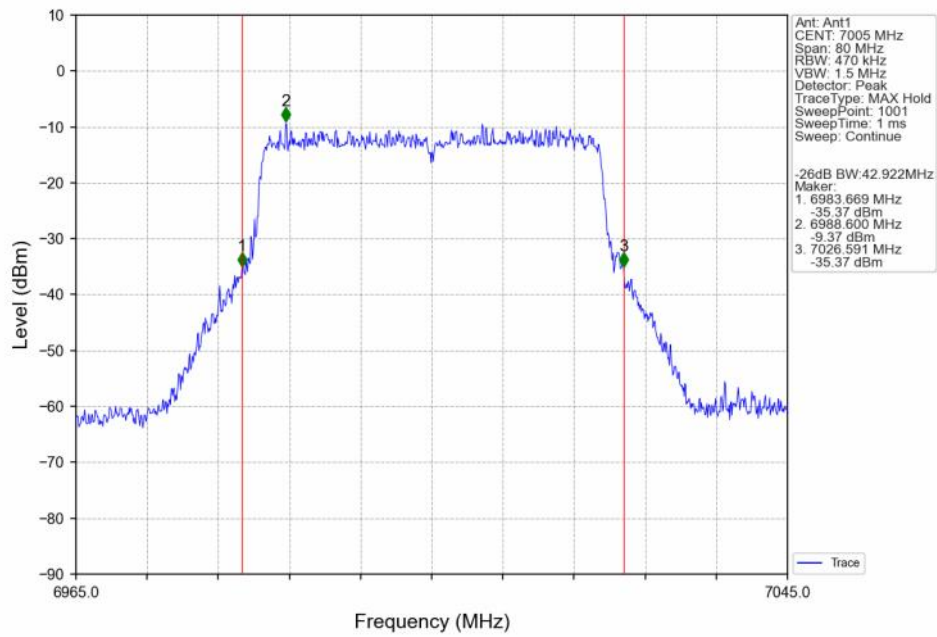
802.11ax(HEW20)_HCH_7115MHz_SU_ / Ant1_NTNV



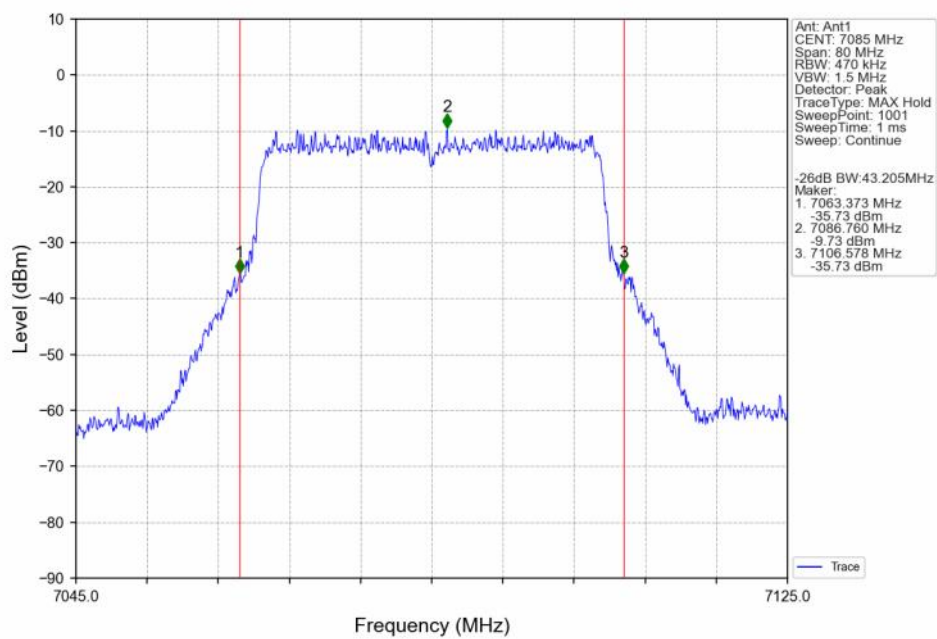
802.11ax(HEW40)_LCH_6925MHz_SU_ / Ant1_NTNV



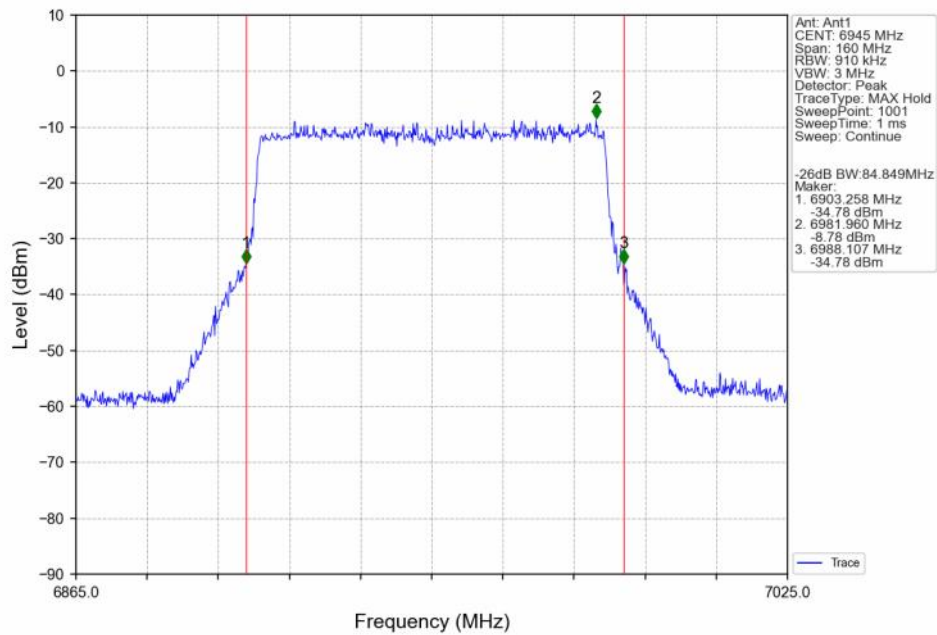
802.11ax(HEW40)_MCH_7005MHz_SU_ / Ant1_NTNV



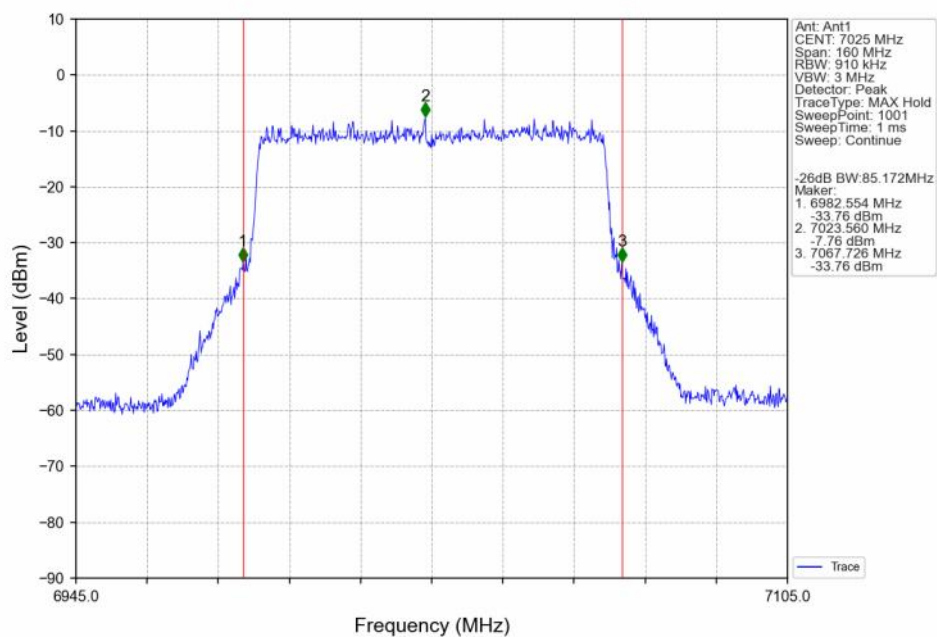
802.11ax(HEW40)_HCH_7085MHz_SU_ / Ant1_NTNV



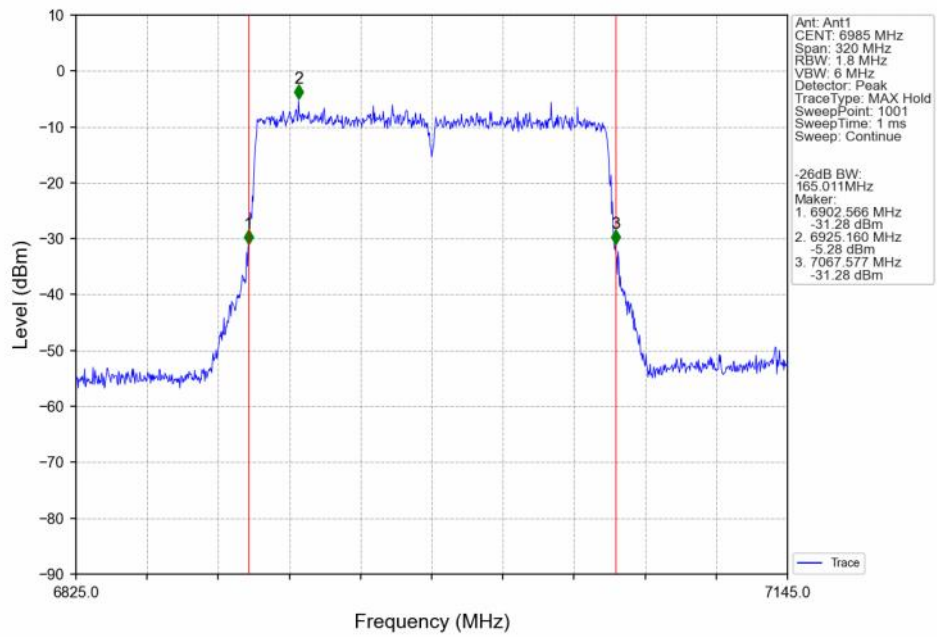
802.11ax(HEW80)_LCH_6945MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_HCH_7025MHz_SU_/_Ant1_NTNV

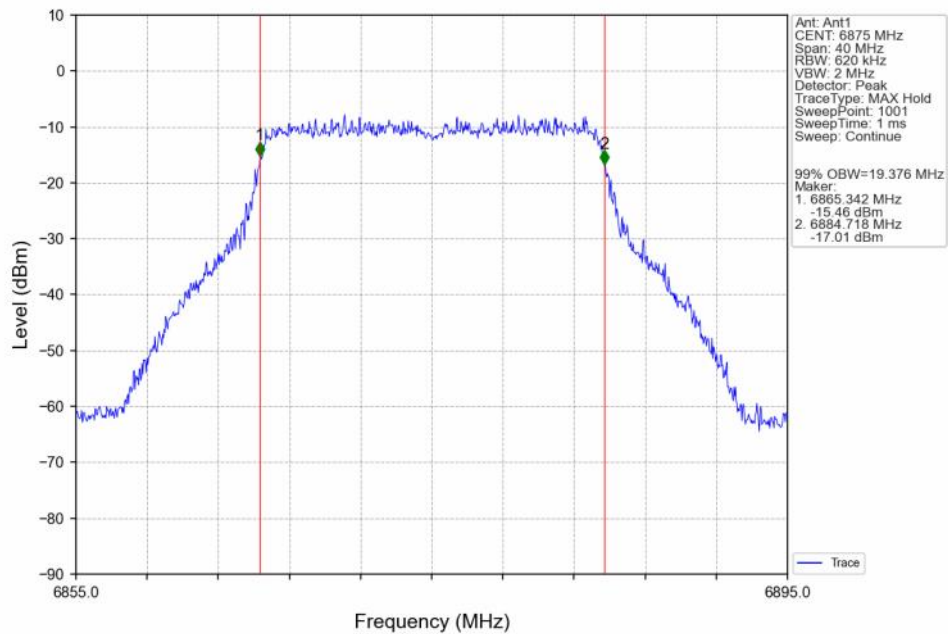


802.11ax(HEW160)_MCH_6985MHz_SU_/_Ant1_NTNV

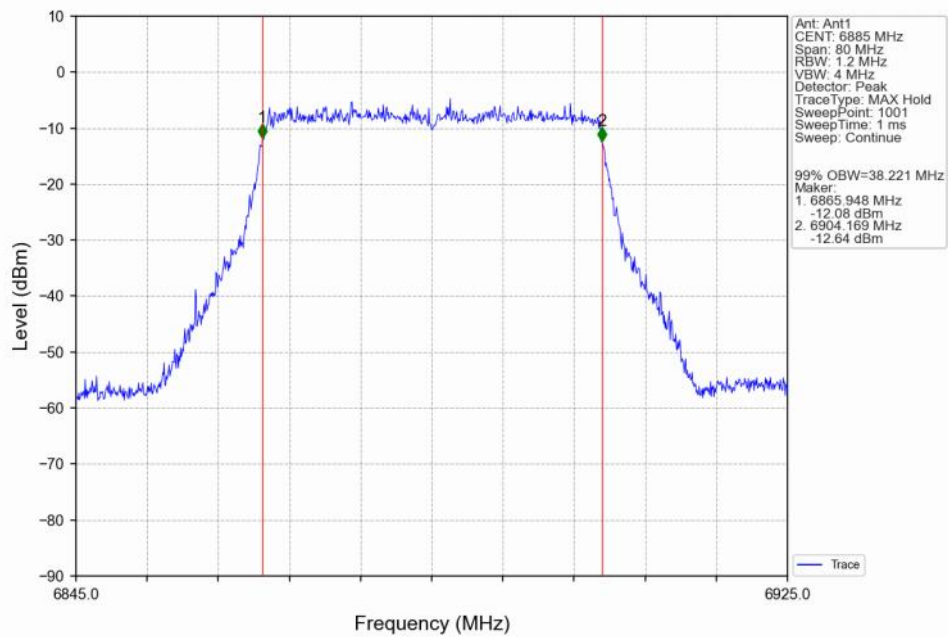


2.2.9 OBW

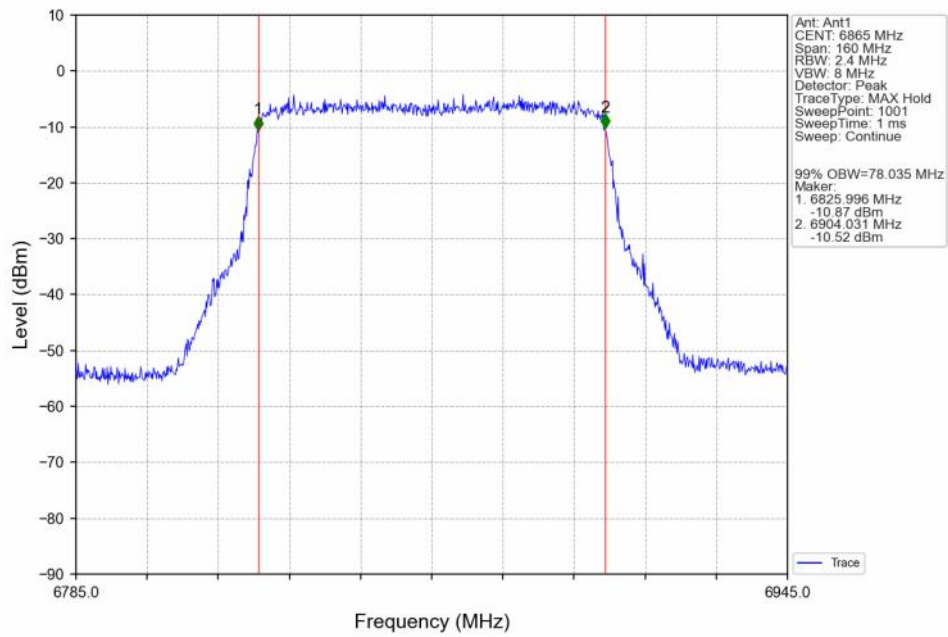
802.11ax(HEW20)_HCH_6875MHz_SU_ / _Ant1_NTNV



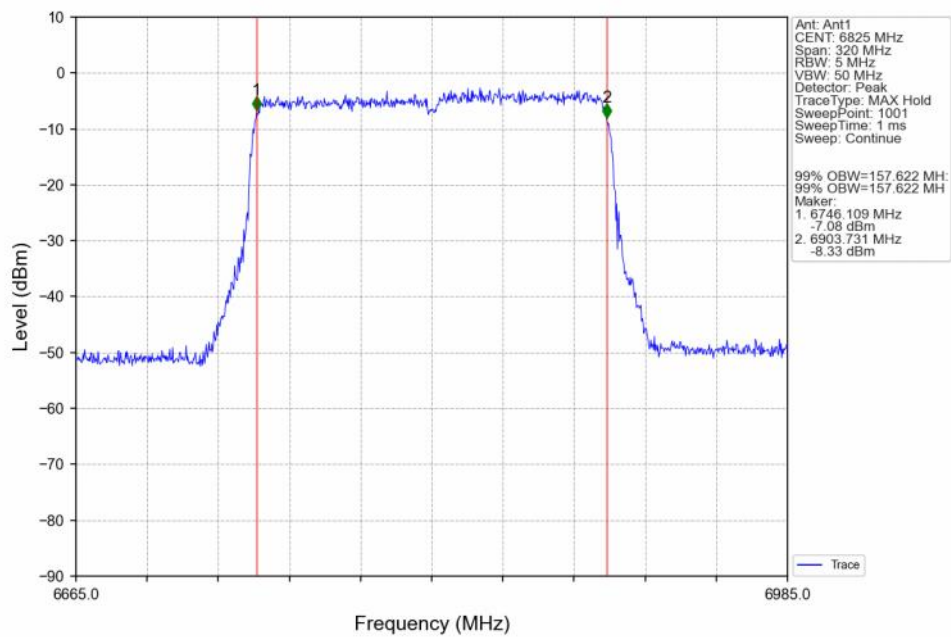
802.11ax(HEW40)_HCH_6885MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_HCH_6865MHz_SU / _Ant1_NTNV

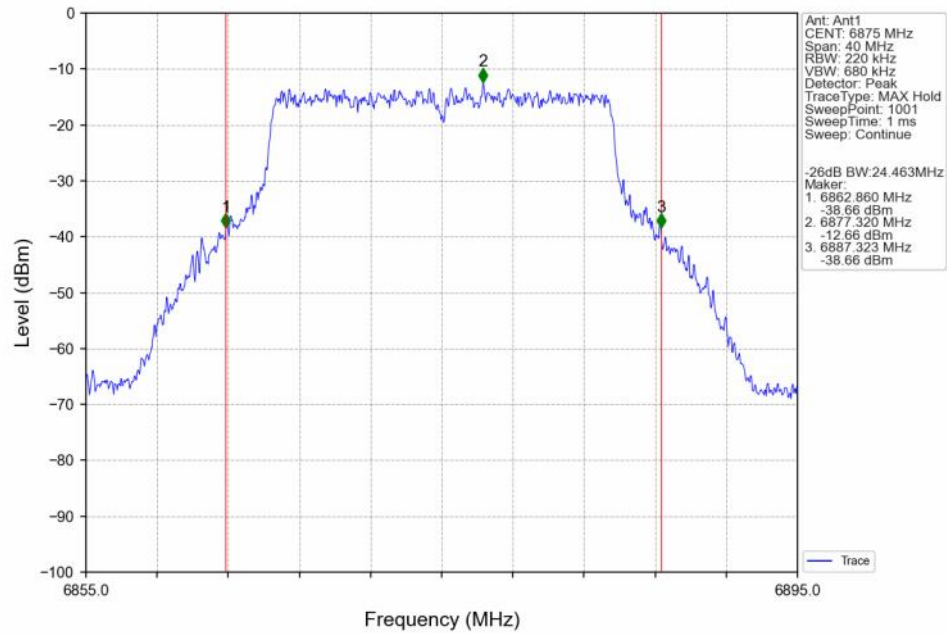


802.11ax(HEW160)_HCH_6825MHz_SU / _Ant1_NTNV

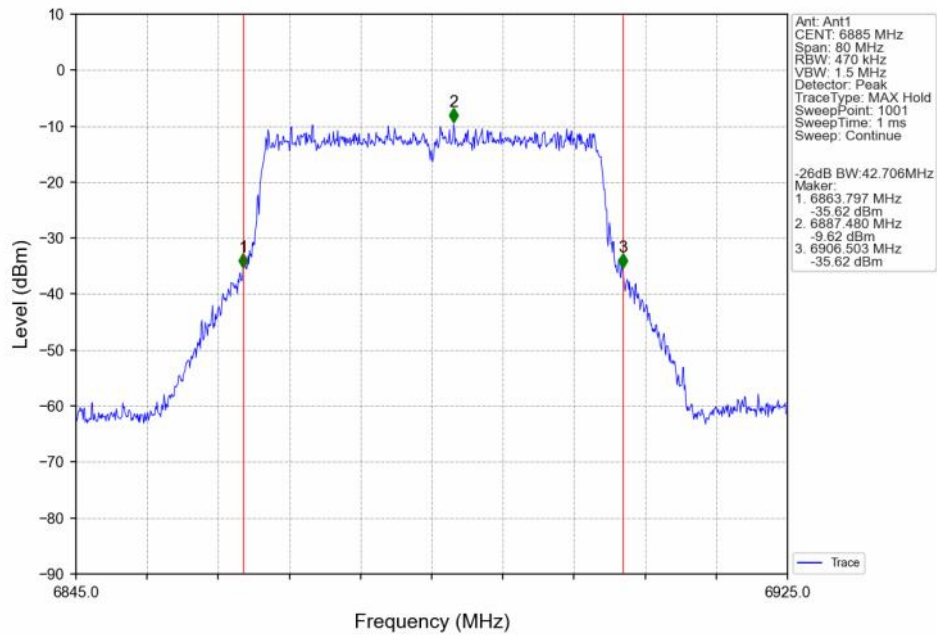


2.2.10 26dB BW

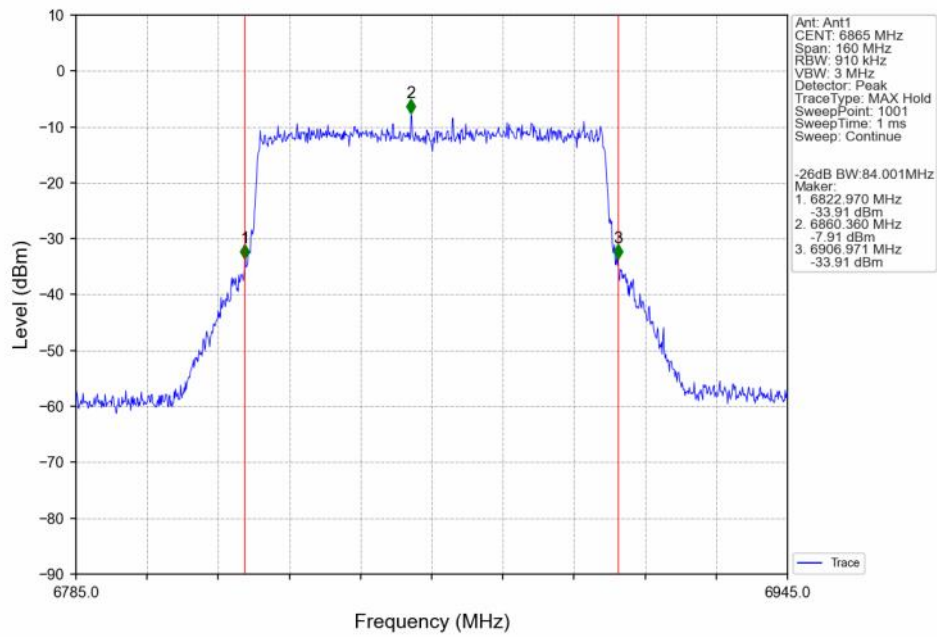
802.11ax(HEW20)_HCH_6875MHz_SU_/_Ant1_NTNV



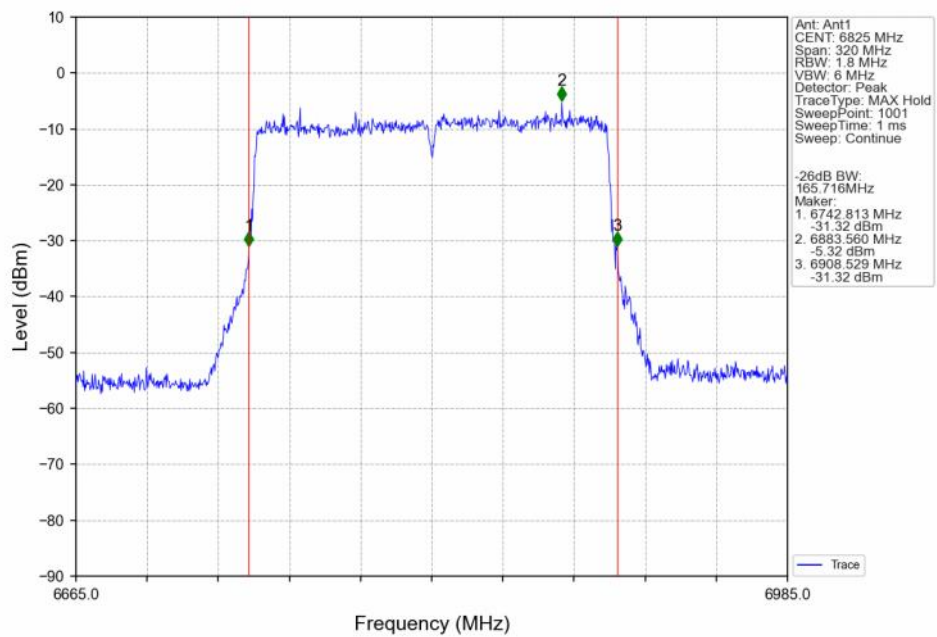
802.11ax(HEW40)_HCH_6885MHz_SU_/_Ant1_NTNV



802.11ax(HEW80) HCH_6865MHz_SU / Ant1_NTNV

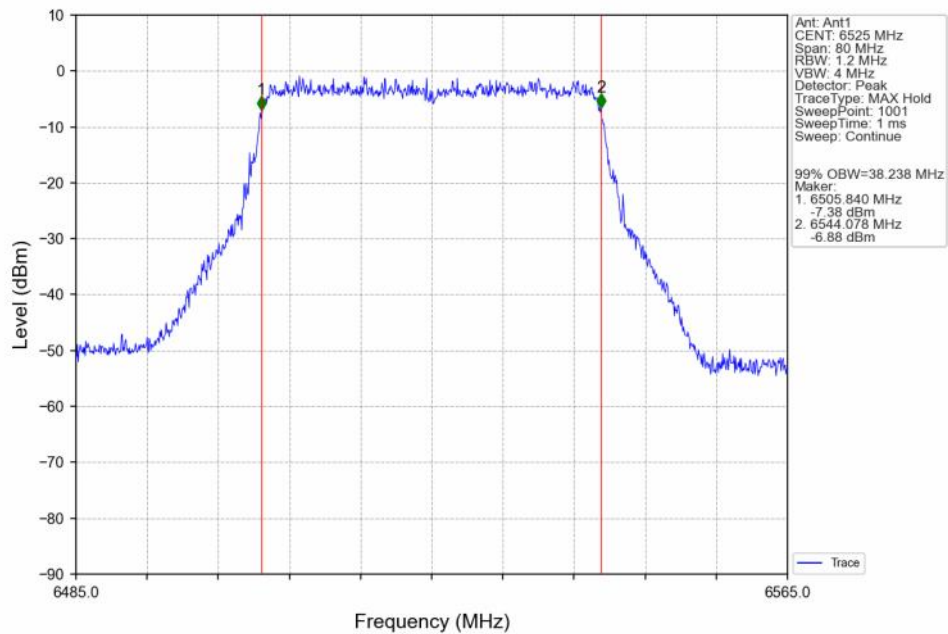


802.11ax(HEW160) HCH_6825MHz_SU / Ant1_NTNV

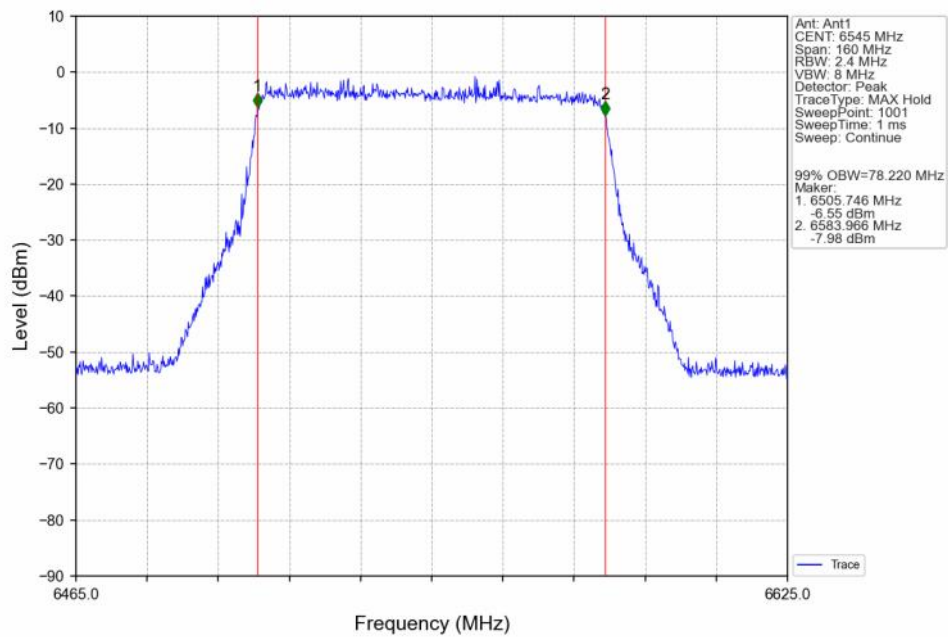


2.2.11 OBW

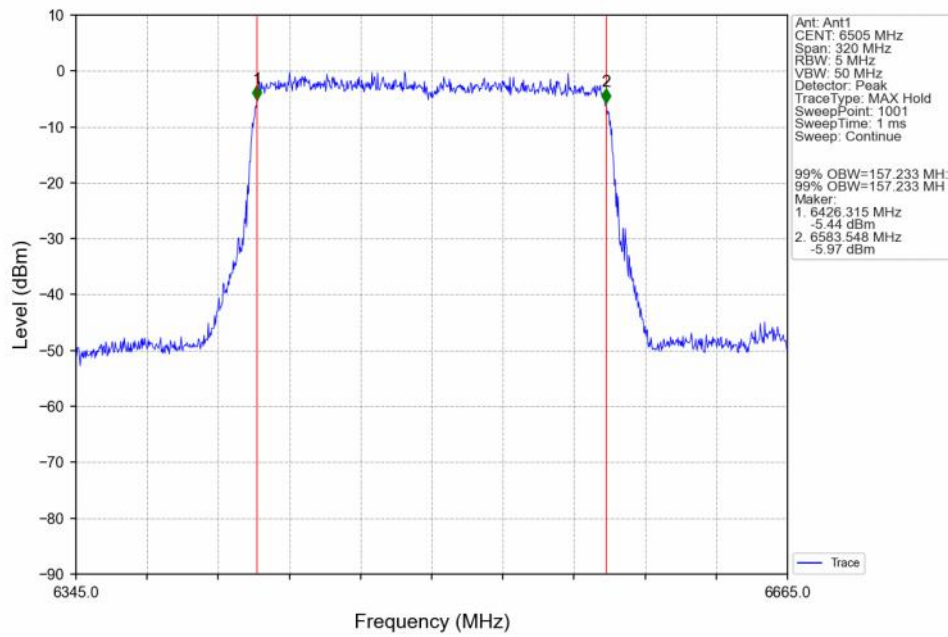
802.11ax(HEW40)_HCH_6525MHz_SU_ / _Ant1_NTNV



802.11ax(HEW80)_HCH_6545MHz_SU_ / _Ant1_NTNV

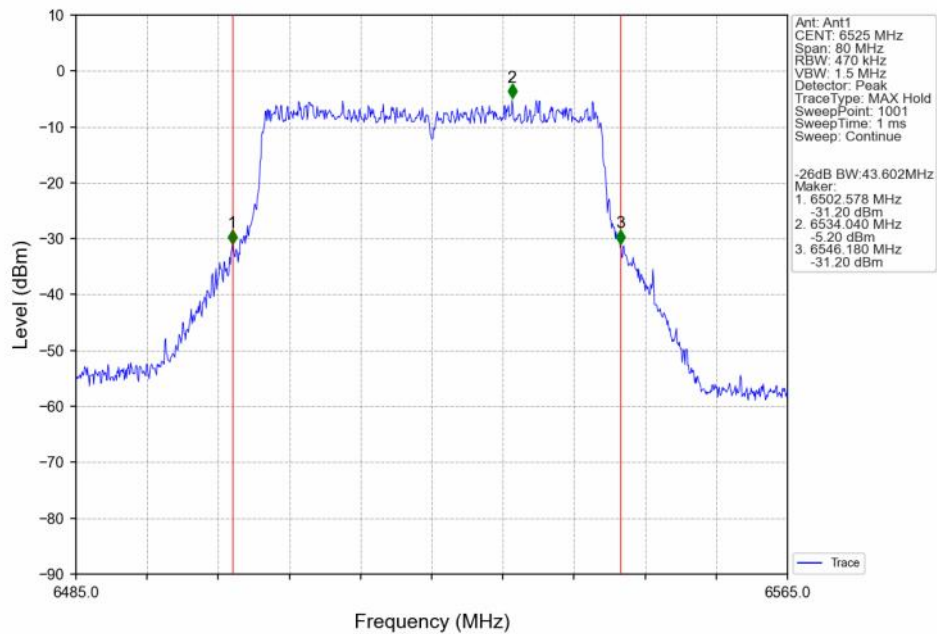


802.11ax(HEW160)_HCH_6505MHz_SU_/_Ant1_NTNV

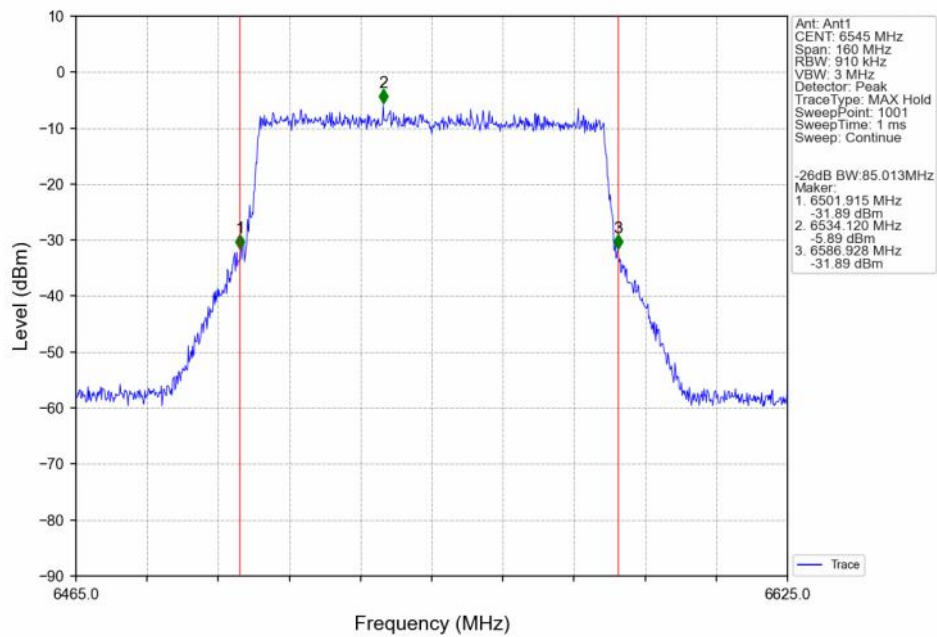


2.2.12 26dB BW

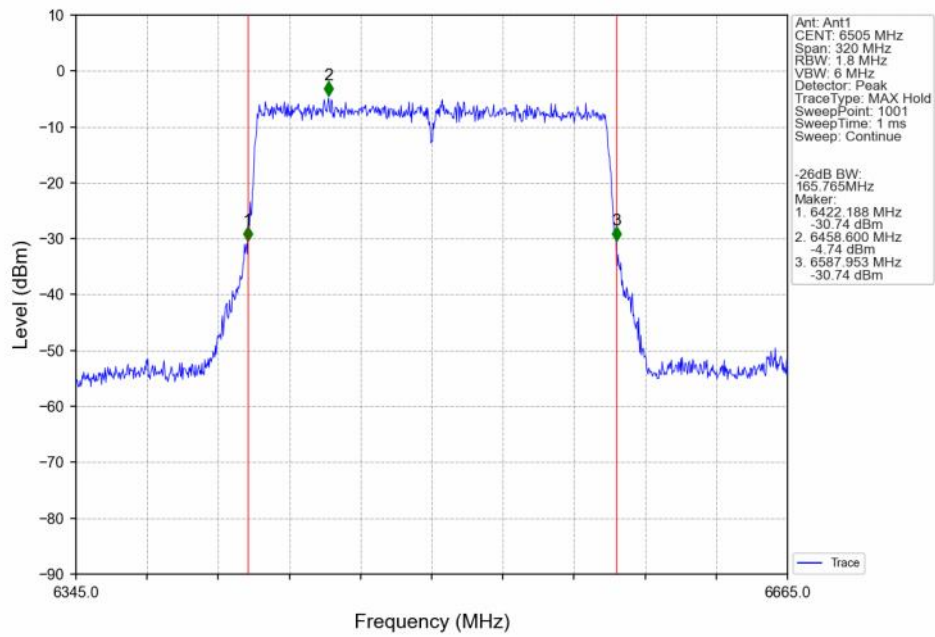
802.11ax(HEW40)_HCH_6525MHz_SU / Ant1_NTNV



802.11ax(HEW80)_HCH_6545MHz_SU / Ant1_NTNV



802.11ax(HEW160)_HCH_6505MHz_SU_/_Ant1_NTNV



ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	5955	SU	/	5.64	0.75	9.44	<=24	Pass
			6175	SU	/	5.01	2.20	9.78	<=24	Pass
			6415	SU	/	5.66	2.81	10.40	<=24	Pass
	802.11ax (HEW40)	MIMO	5965	SU	/	8.24	3.18	11.97	<=24	Pass
			6165	SU	/	5.41	4.66	11.37	<=24	Pass
			6405	SU	/	8.10	5.39	12.92	<=24	Pass
	802.11ax (HEW80)	MIMO	5985	SU	/	7.08	2.85	11.16	<=24	Pass
			6145	SU	/	6.78	4.53	11.85	<=24	Pass
			6385	SU	/	7.56	5.81	12.91	<=24	Pass
	802.11ax (HEW160)	MIMO	6025	SU	/	8.39	6.79	13.83	<=24	Pass
			6185	SU	/	8.09	5.99	13.24	<=24	Pass
			6345	SU	/	7.35	5.65	12.73	<=24	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi Note2: E.I.R.P MIMO = MIMO conducted power+directional gain										



3.1.3 Power

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6435	SU	/	0.83	0.99	3.92	/	Pass
			6475	SU	/	0.74	0.37	3.57	/	Pass
			6515	SU	/	0.31	-0.21	3.07	/	Pass
	802.11ax (HEW40)	MIMO	6445	SU	/	3.29	3.42	6.37	/	Pass
			6485	SU	/	3.18	2.82	6.01	/	Pass
	802.11ax (HEW80)	MIMO	6465	SU	/	2.80	3.43	6.14	/	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi										

3.1.4 EIRP

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6435	SU	/	5.90	2.83	10.53	<=24	Pass
			6475	SU	/	5.81	2.21	10.18	<=24	Pass
			6515	SU	/	5.38	1.63	9.68	<=24	Pass
	802.11ax (HEW40)	MIMO	6445	SU	/	8.36	5.26	12.98	<=24	Pass
			6485	SU	/	8.25	4.66	12.62	<=24	Pass
	802.11ax (HEW80)	MIMO	6465	SU	/	7.87	5.27	12.75	<=24	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi Note2: E.I.R.P MIMO = MIMO conducted power+directional gain										

3.1.5 Power

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6535	SU	/	0.16	-0.55	2.83	/	Pass
			6695	SU	/	-1.54	-0.86	1.82	/	Pass
			6855	SU	/	-1.30	-1.30	1.71	/	Pass
	802.11ax (HEW40)	MIMO	6565	SU	/	2.24	1.52	4.91	/	Pass
			6685	SU	/	0.75	1.19	3.99	/	Pass
			6845	SU	/	0.71	1.14	3.94	/	Pass
	802.11ax (HEW80)	MIMO	6625	SU	/	0.61	1.79	4.25	/	Pass
			6705	SU	/	-0.19	1.38	3.68	/	Pass
			6785	SU	/	-1.26	1.38	3.27	/	Pass
	802.11ax (HEW160)	MIMO	6665	SU	/	1.75	3.13	5.50	/	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi										

3.1.6 EIRP

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6535	SU	/	5.23	1.29	9.44	<=24	Pass
			6695	SU	/	3.53	0.98	8.43	<=24	Pass
			6855	SU	/	3.77	0.54	8.32	<=24	Pass
	802.11ax (HEW40)	MIMO	6565	SU	/	7.31	3.36	11.52	<=24	Pass
			6685	SU	/	5.82	3.03	10.60	<=24	Pass
			6845	SU	/	5.78	2.98	10.55	<=24	Pass
	802.11ax (HEW80)	MIMO	6625	SU	/	5.68	3.63	10.86	<=24	Pass
			6705	SU	/	4.88	3.22	10.29	<=24	Pass
			6785	SU	/	3.81	3.22	9.88	<=24	Pass
	802.11ax (HEW160)	MIMO	6665	SU	/	6.82	4.97	12.11	<=24	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi Note2: E.I.R.P MIMO = MIMO conducted power+directional gain										



3.1.7 Power

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6895	SU	/	-3.93	-4.61	-1.25	/	Pass
			6995	SU	/	-4.45	-2.99	-0.65	/	Pass
			7115	SU	/	-12.08	-12.80	-9.41	/	Pass
	802.11ax (HEW40)	MIMO	6925	SU	/	-1.51	-2.55	1.01	/	Pass
			7005	SU	/	-1.61	-2.26	1.09	/	Pass
			7085	SU	/	-1.70	-2.15	1.09	/	Pass
	802.11ax (HEW80)	MIMO	6945	SU	/	-0.33	-1.08	2.32	/	Pass
			7025	SU	/	0.02	1.33	3.73	/	Pass
	802.11ax (HEW160)	MIMO	6985	SU	/	1.73	1.90	4.83	/	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi										

3.1.8 EIRP

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6895	SU	/	1.14	-2.77	5.36	<=24	Pass
			6995	SU	/	0.62	-1.15	5.96	<=24	Pass
			7115	SU	/	-7.01	-10.96	-2.80	<=24	Pass
	802.11ax (HEW40)	MIMO	6925	SU	/	3.56	-0.71	7.62	<=24	Pass
			7005	SU	/	3.46	-0.42	7.70	<=24	Pass
			7085	SU	/	3.37	-0.31	7.70	<=24	Pass
	802.11ax (HEW80)	MIMO	6945	SU	/	4.74	0.76	8.93	<=24	Pass
			7025	SU	/	5.09	3.17	10.34	<=24	Pass
	802.11ax (HEW160)	MIMO	6985	SU	/	6.80	3.74	11.44	<=24	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi Note2: E.I.R.P MIMO = MIMO conducted power+directional gain										



3.1.9 Power

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	SU	/	-3.79	-4.47	-1.11	/	Pass
	802.11ax (HEW40)	MIMO	6885	SU	/	-1.61	-2.05	1.19	/	Pass
	802.11ax (HEW80)	MIMO	6865	SU	/	-0.68	-0.61	2.37	/	Pass
	802.11ax (HEW160)	MIMO	6825	SU	/	1.41	3.18	5.39	/	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi										

3.1.10 EIRP

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	SU	/	1.28	-2.63	5.50	<=24	Pass
	802.11ax (HEW40)	MIMO	6885	SU	/	3.46	-0.21	7.80	<=24	Pass
	802.11ax (HEW80)	MIMO	6865	SU	/	4.39	1.23	8.98	<=24	Pass
	802.11ax (HEW160)	MIMO	6825	SU	/	6.48	5.02	12.00	<=24	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi Note2: E.I.R.P MIMO = MIMO conducted power+directional gain										



3.1.11 Power

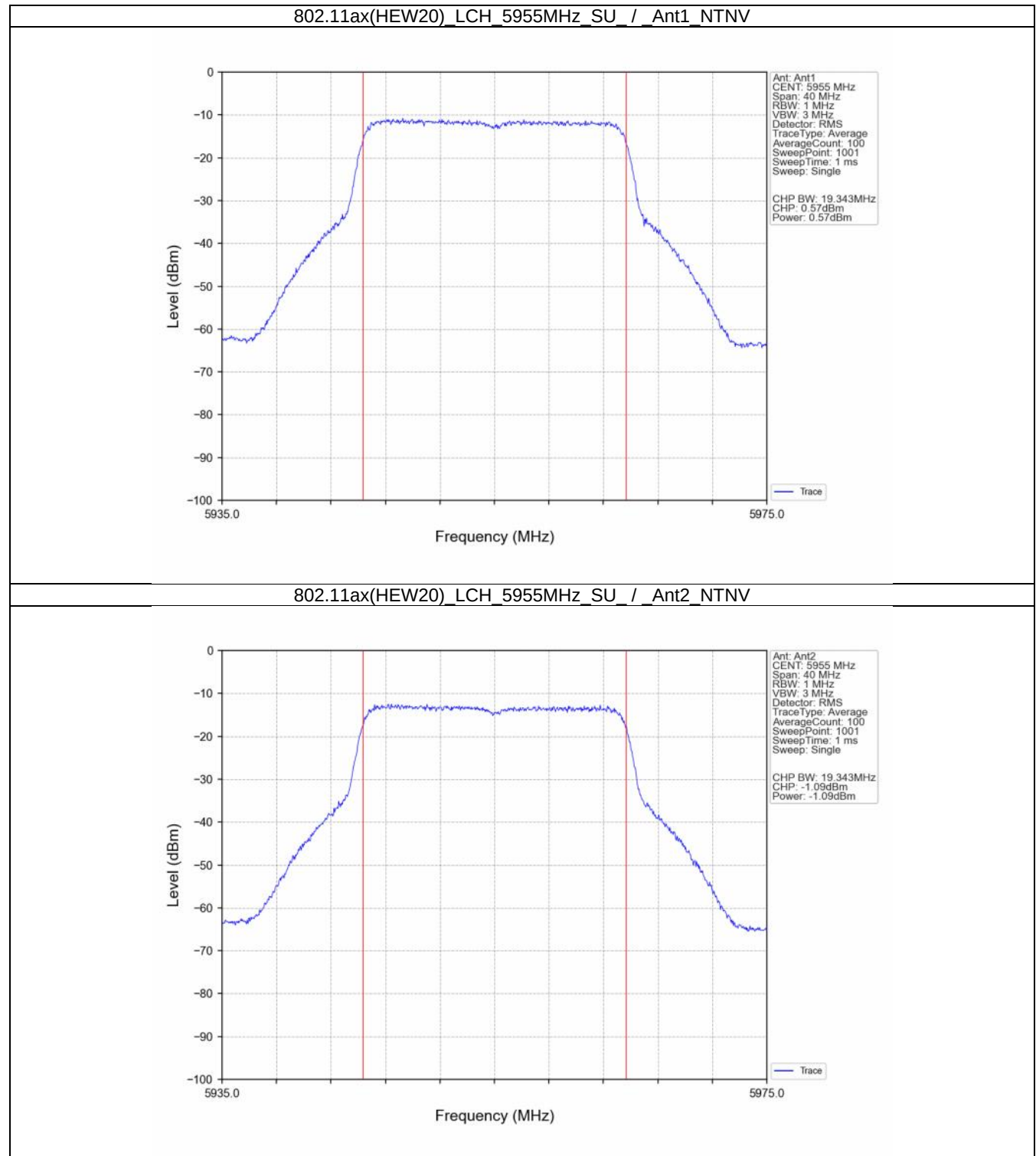
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	SU	/	2.90	2.14	5.55	/	Pass
	802.11ax (HEW80)	MIMO	6545	SU	/	1.94	2.24	5.10	/	Pass
	802.11ax (HEW160)	MIMO	6505	SU	/	3.38	3.73	6.57	/	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi										

3.1.12 EIRP

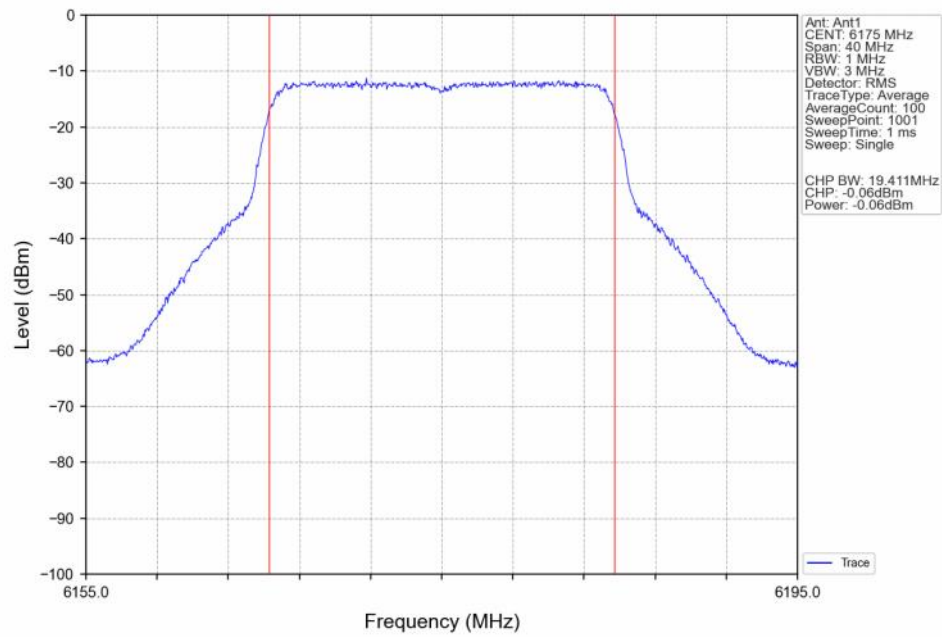
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	SU	/	7.97	3.98	12.16	<=24	Pass
	802.11ax (HEW80)	MIMO	6545	SU	/	7.01	4.08	11.71	<=24	Pass
	802.11ax (HEW160)	MIMO	6505	SU	/	8.45	5.57	13.18	<=24	Pass
Note1: Antenna Gain: Ant1: 5.07dBi; Ant2: 1.84dBi; Directional gain:6.61dBi Note2: E.I.R.P MIMO = MIMO conducted power+directional gain										

3.2 Test Graph

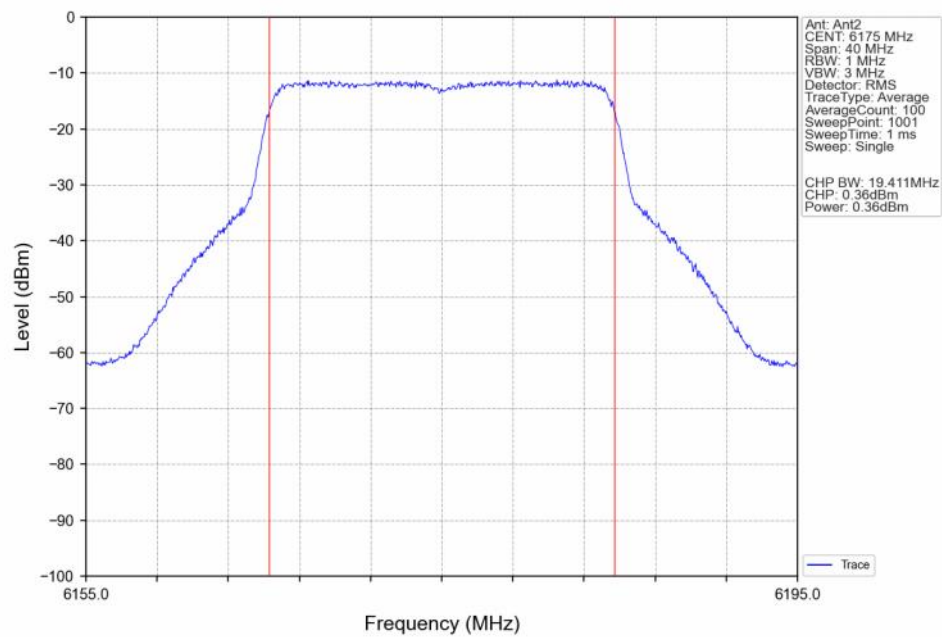
3.2.1 Power



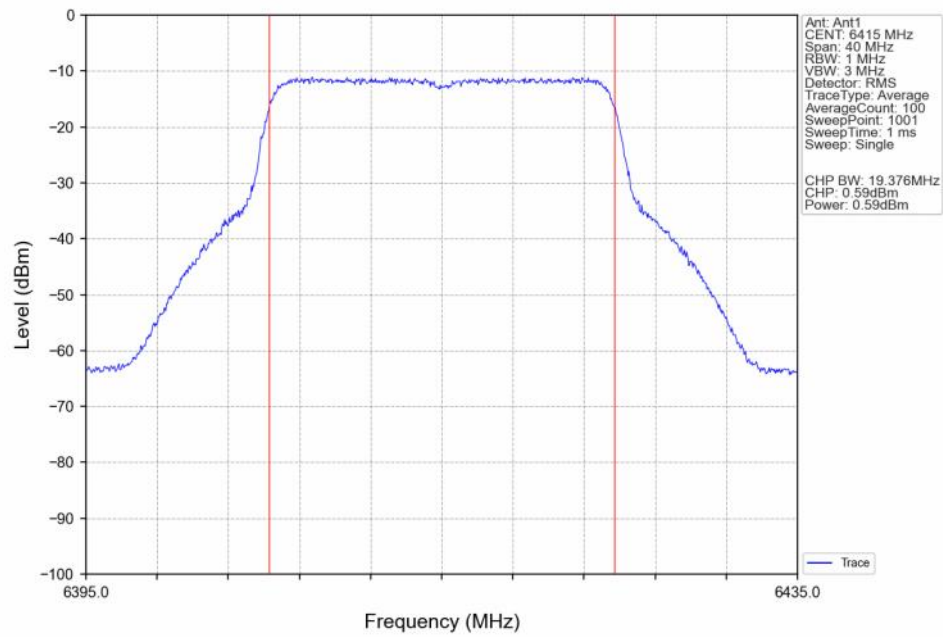
802.11ax(HEW20)_MCH_6175MHz_SU / Ant1_NTNV



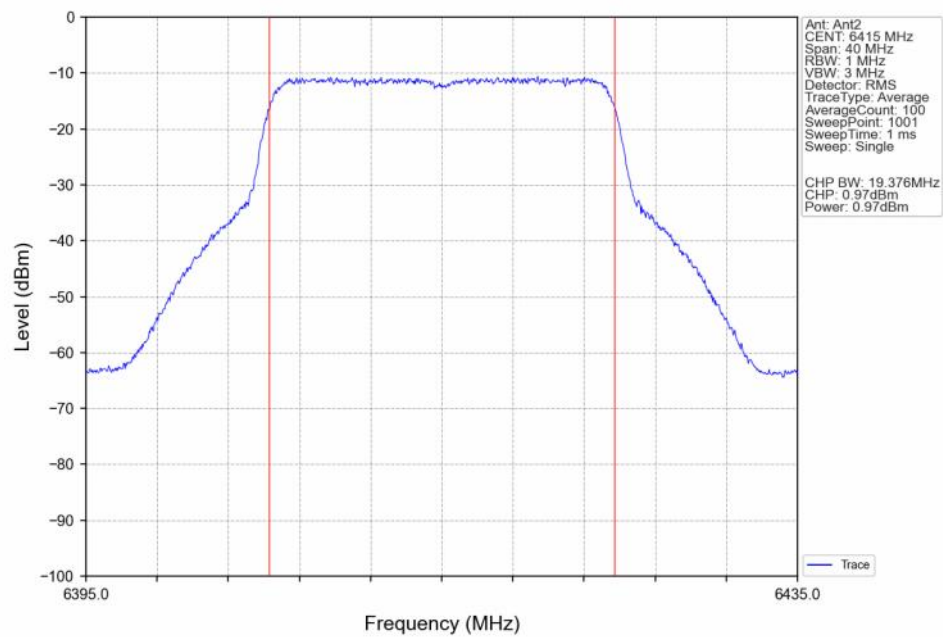
802.11ax(HEW20)_MCH_6175MHz_SU / Ant2_NTNV



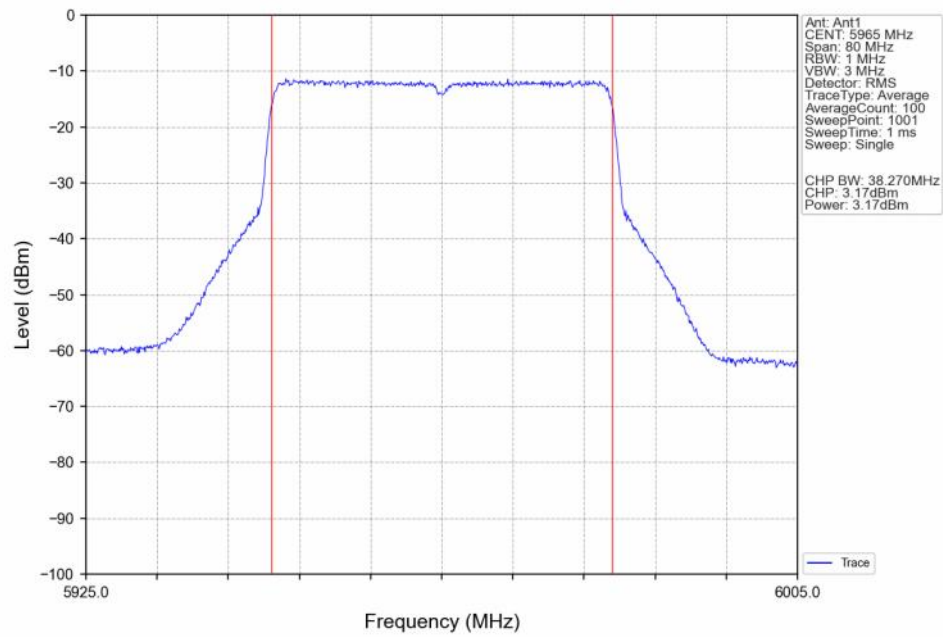
802.11ax(HEW20)_HCH_6415MHz_SU_ / _Ant1_NTNV



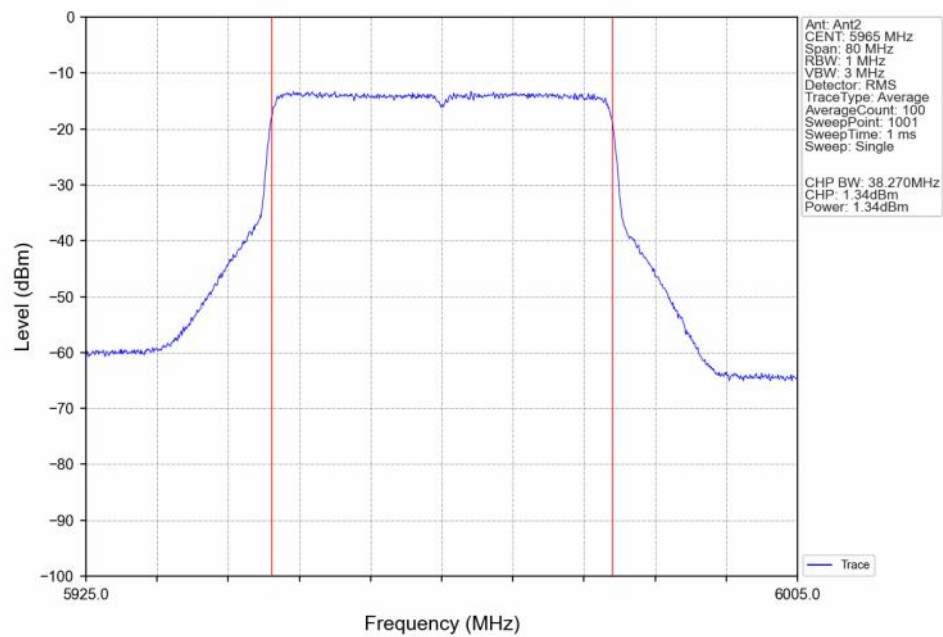
802.11ax(HEW20)_HCH_6415MHz_SU_ / _Ant2_NTNV



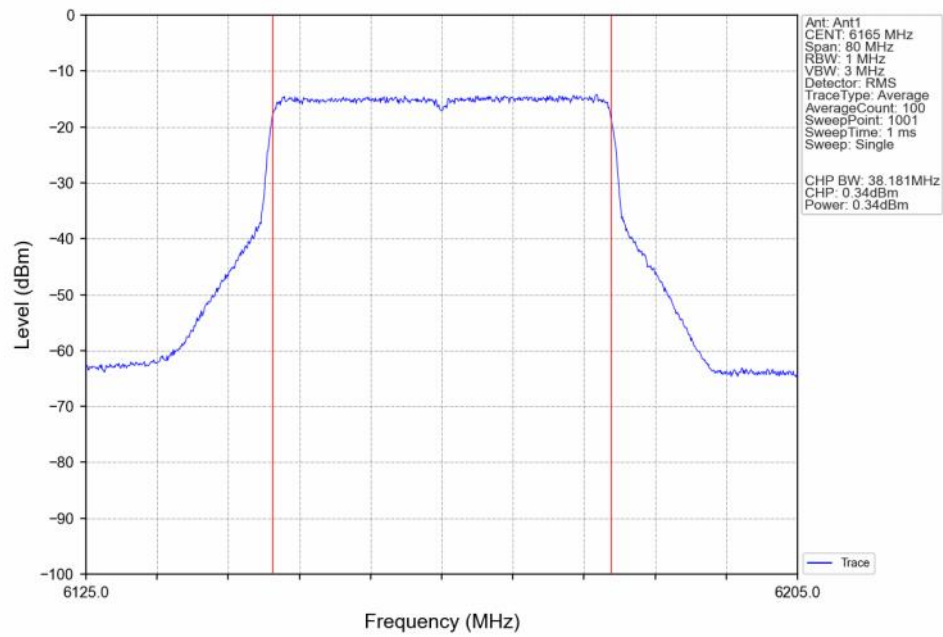
802.11ax(HEW40)_LCH_5965MHz_SU_/_Ant1_NTNV



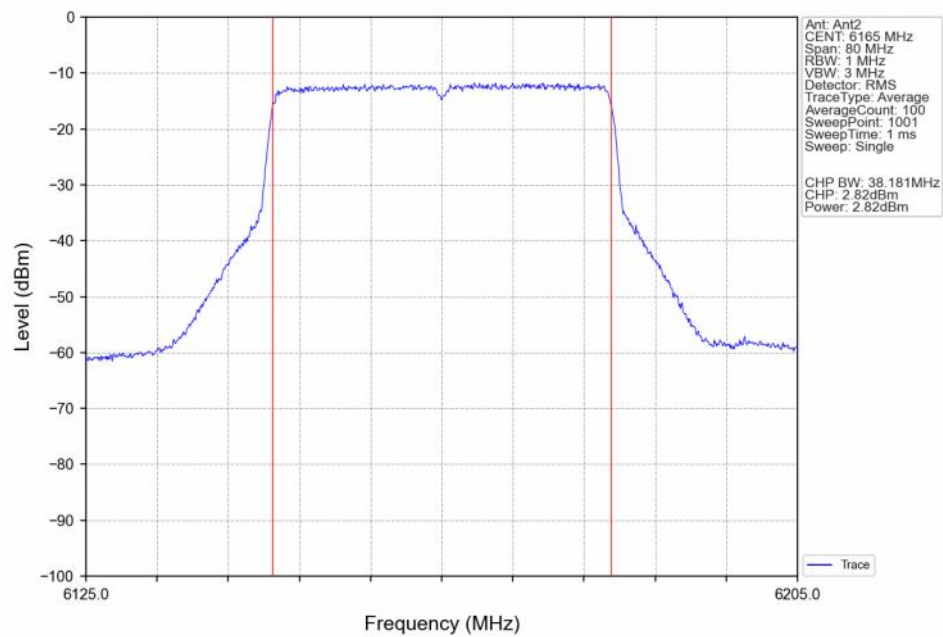
802.11ax(HEW40)_LCH_5965MHz_SU_/_Ant2_NTNV



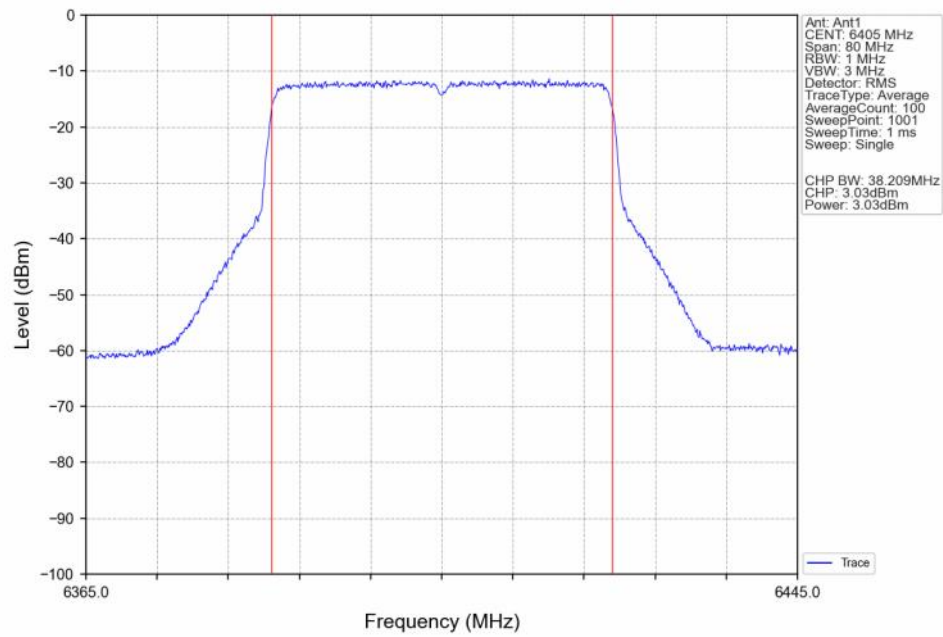
802.11ax(HEW40)_MCH_6165MHz_SU / Ant1_NTNV



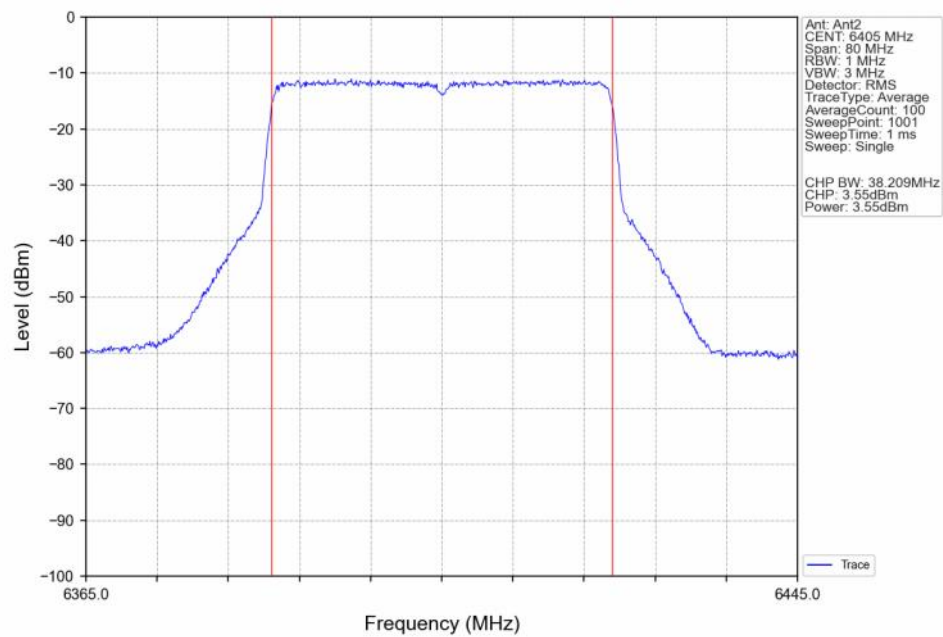
802.11ax(HEW40)_MCH_6165MHz_SU / Ant2_NTNV



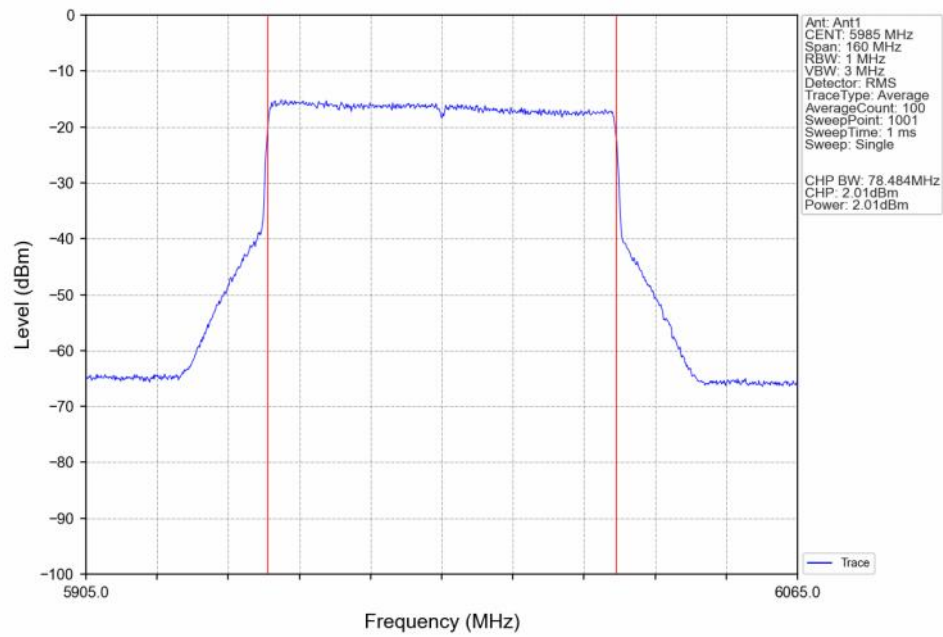
802.11ax(HEW40)_HCH_6405MHz_SU_ / _Ant1_NTNV



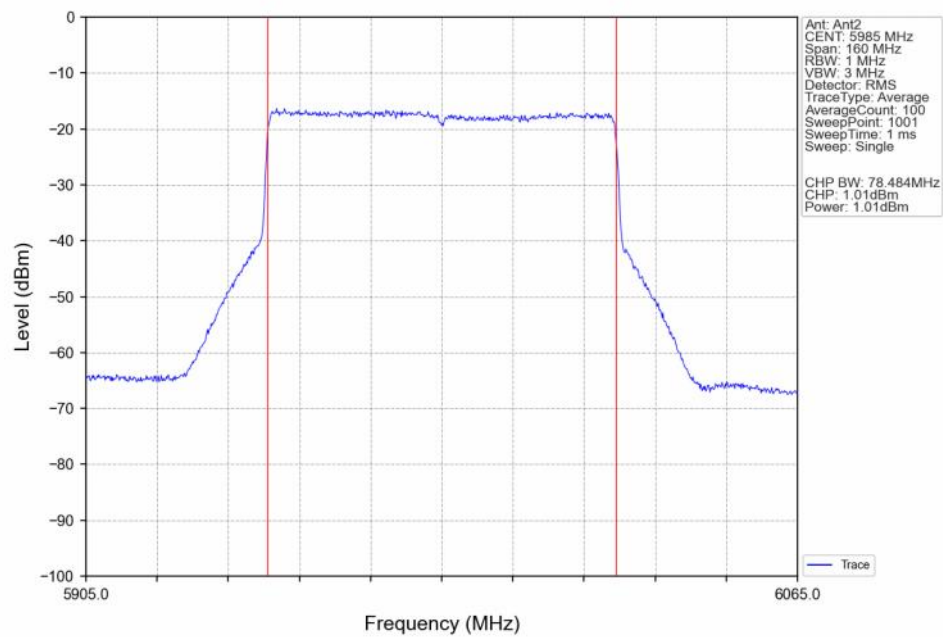
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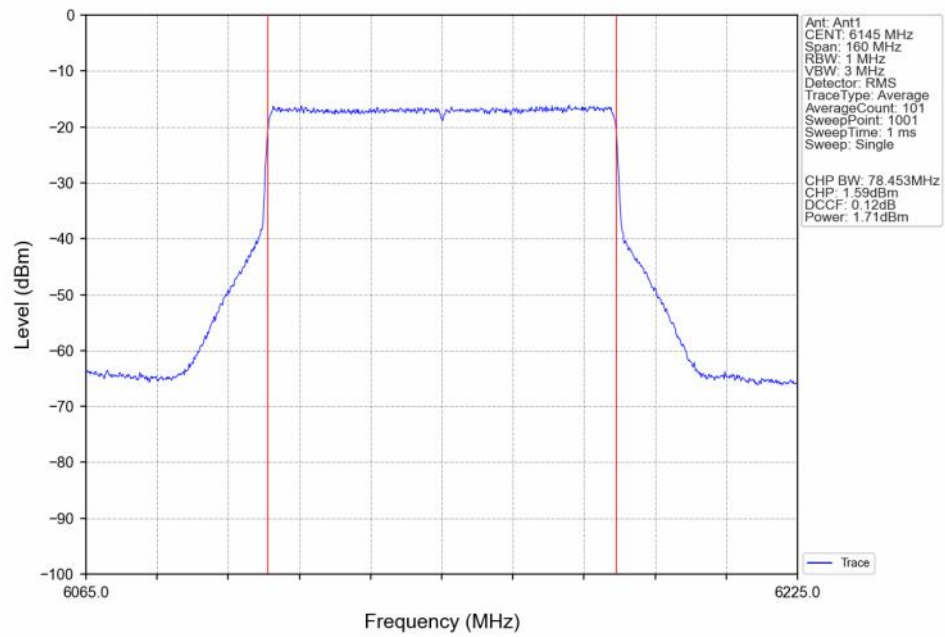
802.11ax(HEW80)_LCH_5985MHz_SU_/_Ant1_NTNV



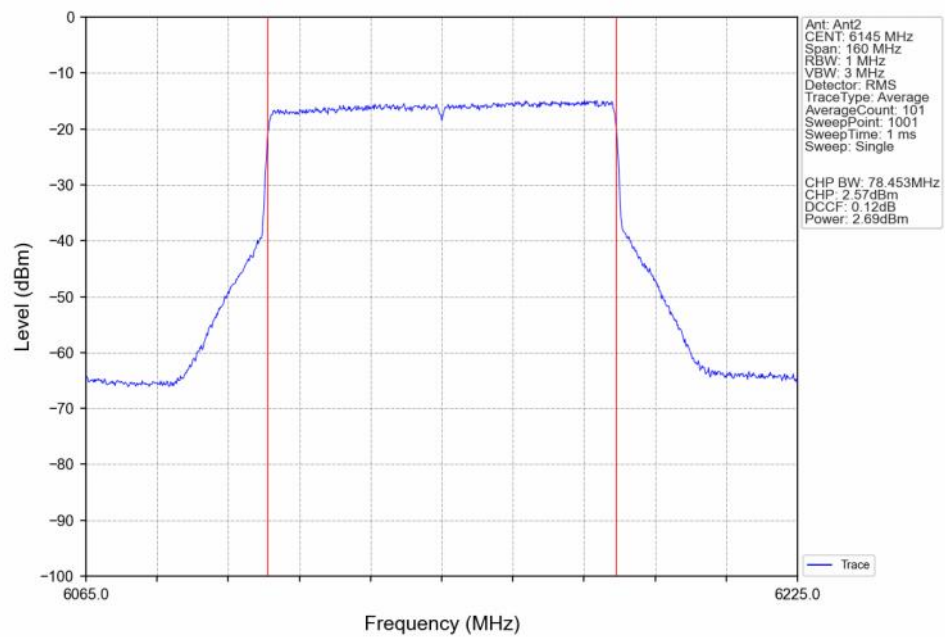
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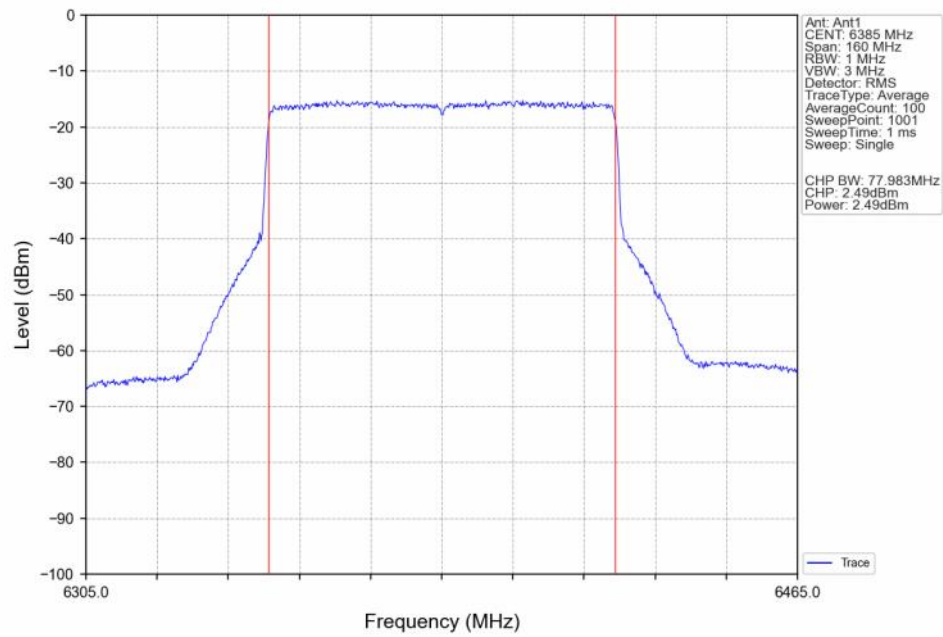
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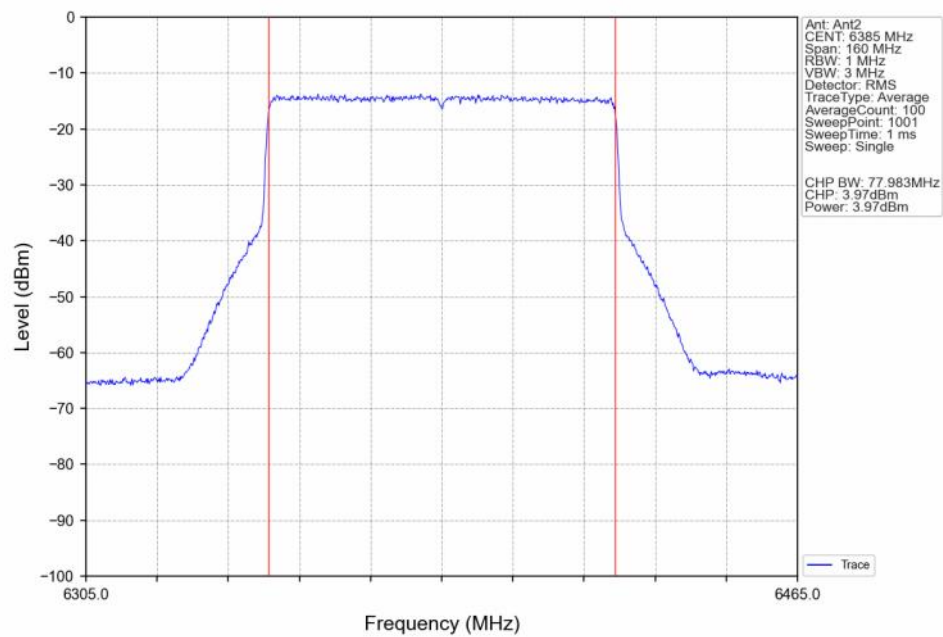
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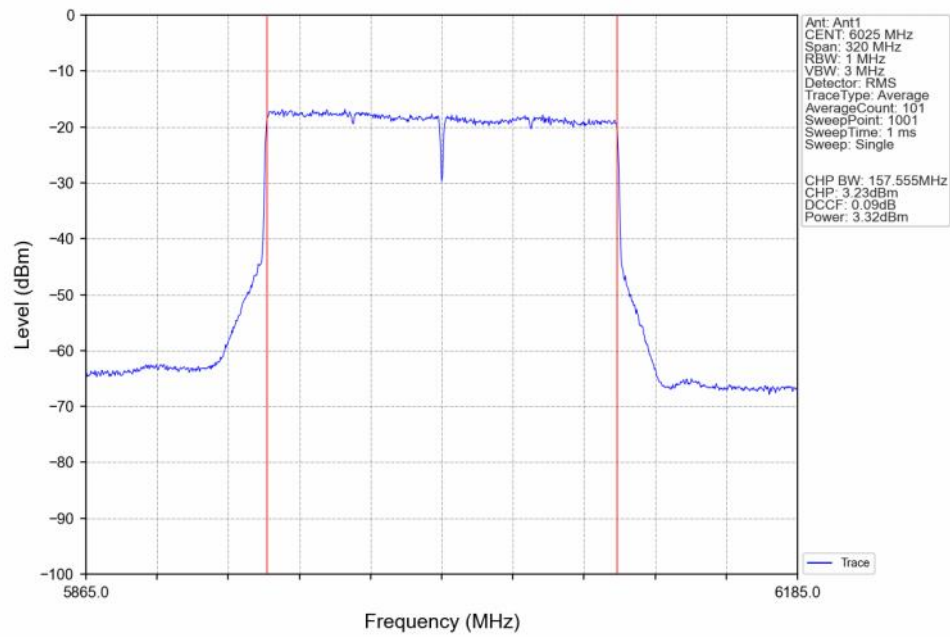
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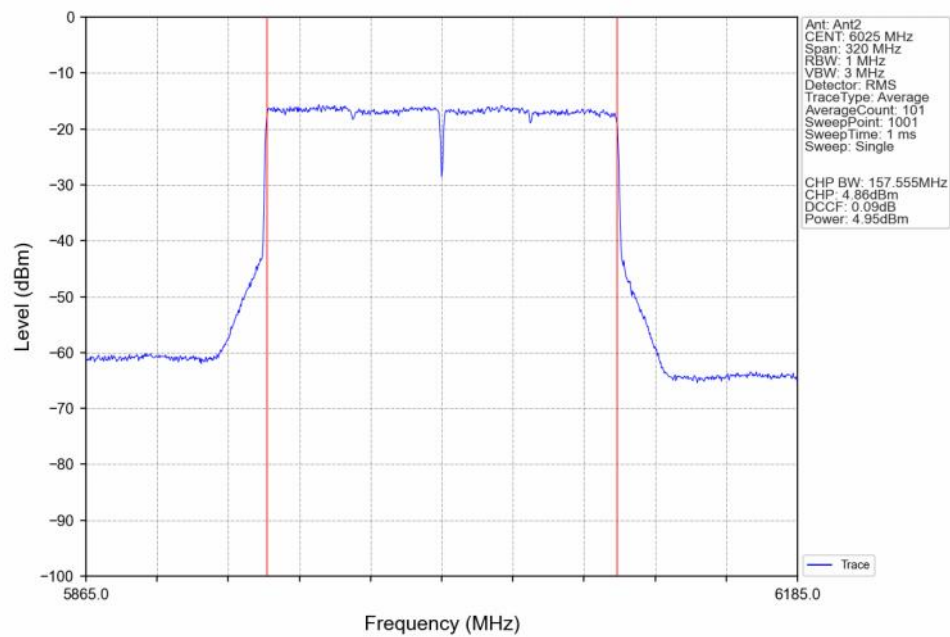
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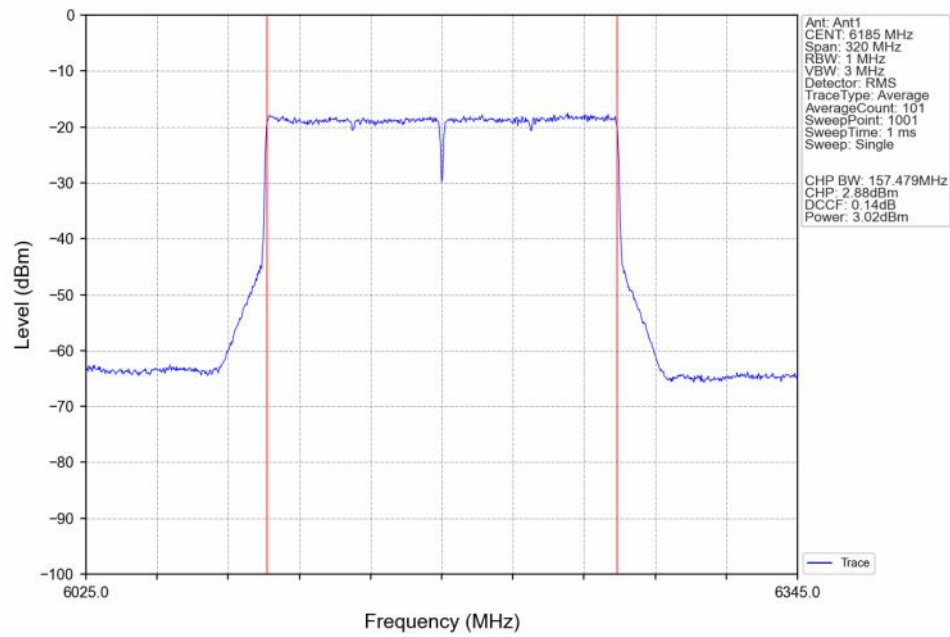
802.11ax(HEW160) LCH 6025MHz SU / Ant1_NTNV



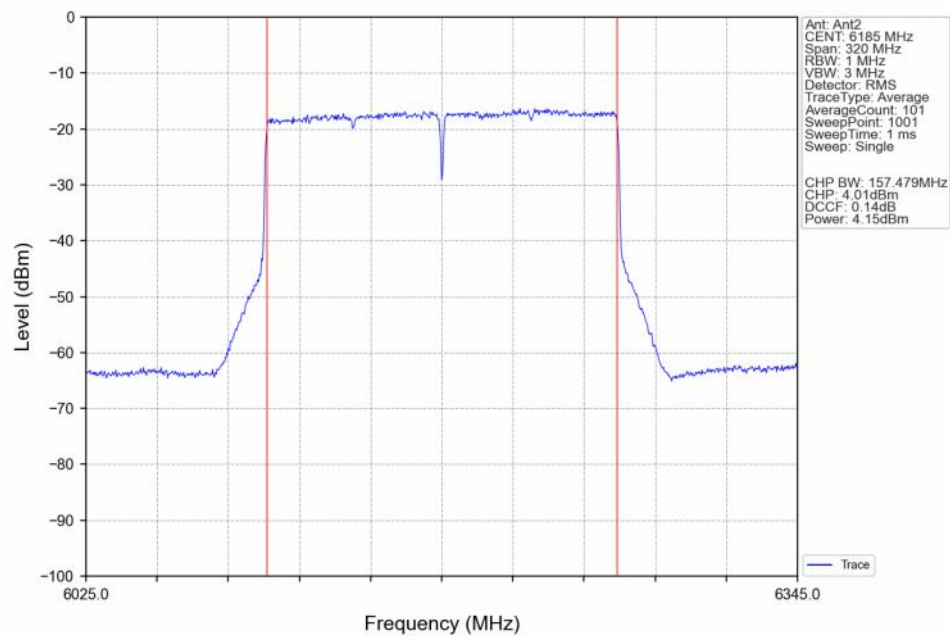
802.11ax(HEW160) LCH 6025MHz SU / Ant2_NTNV



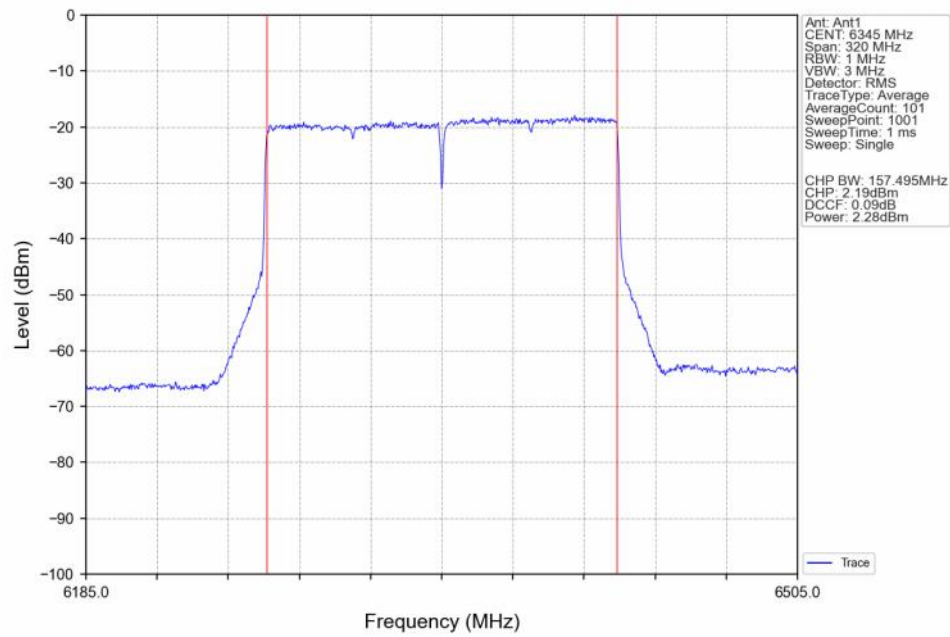
802.11ax(HEW160)_MCH_6185MHz_SU_/_Ant1_NTNV



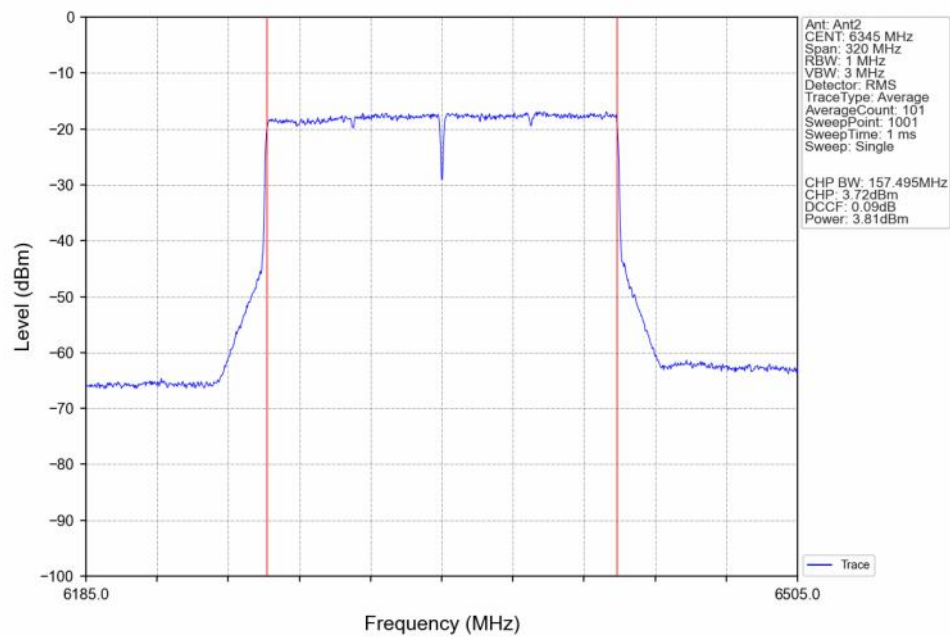
802.11ax(HEW160)_MCH_6185MHz_SU_/_Ant2_NTNV



802.11ax(HEW160) HCH 6345MHz_SU / _Ant1_NTNV

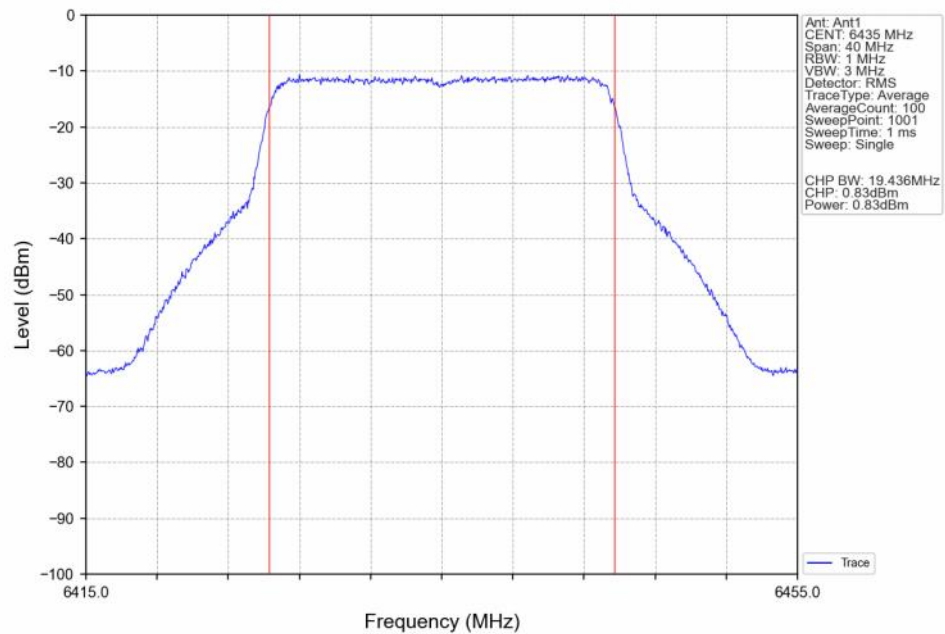


802.11ax(HEW160) HCH 6345MHz_SU / _Ant2_NTNV

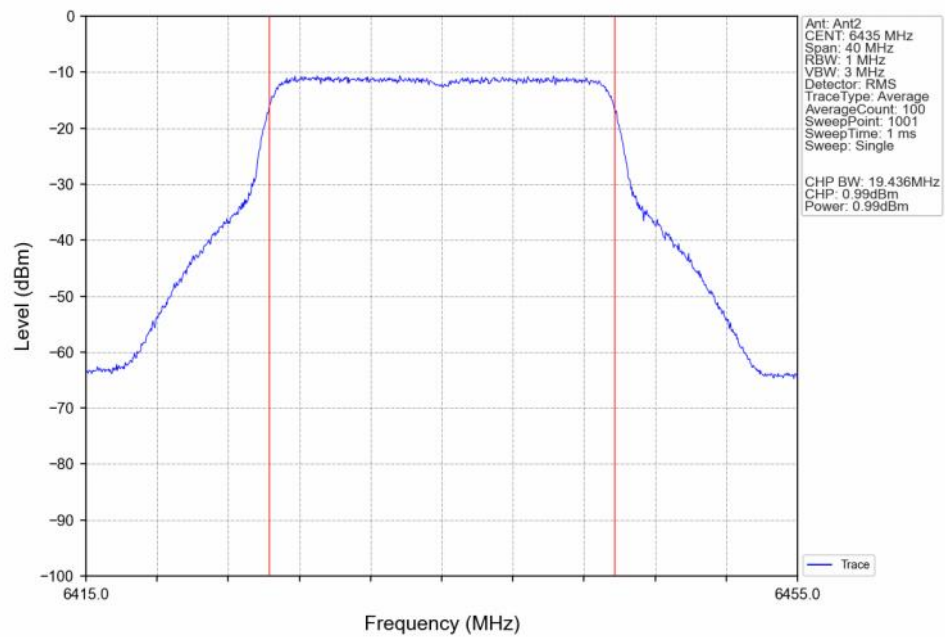


3.2.2 Power

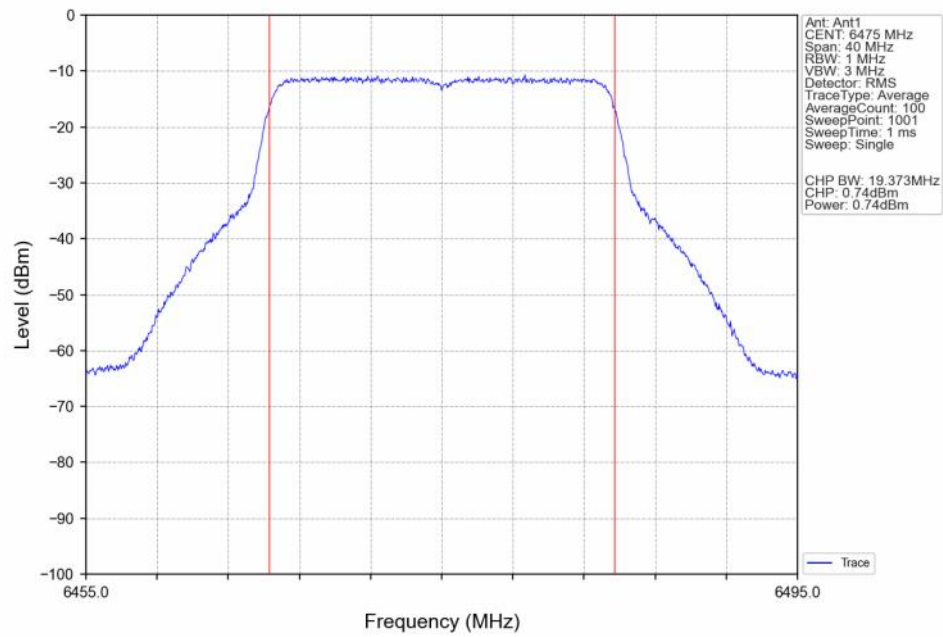
802.11ax(HEW20)_LCH_6435MHz_SU_/_Ant1_NTNV



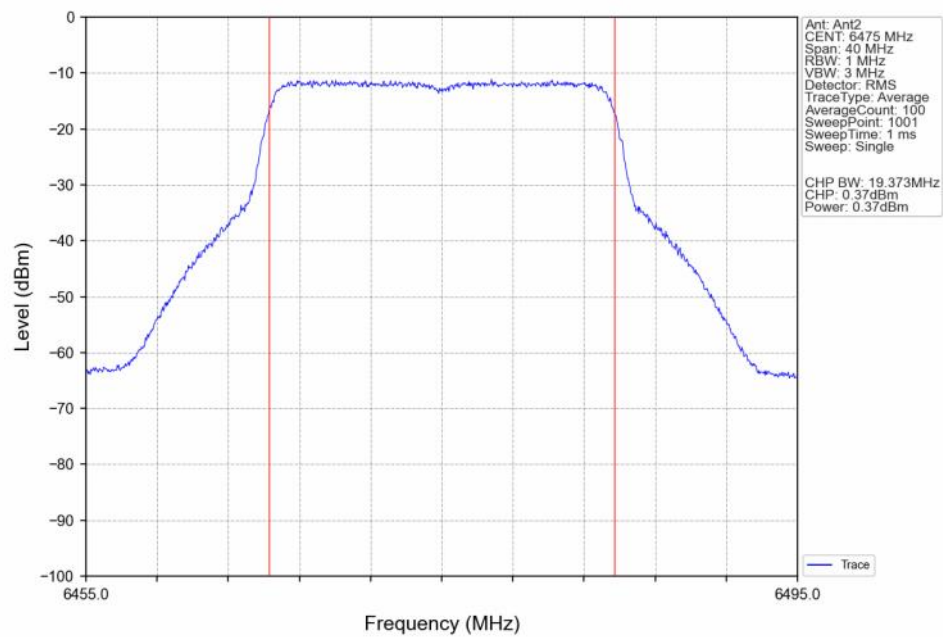
802.11ax(HEW20)_LCH_6435MHz_SU_/_Ant2_NTNV



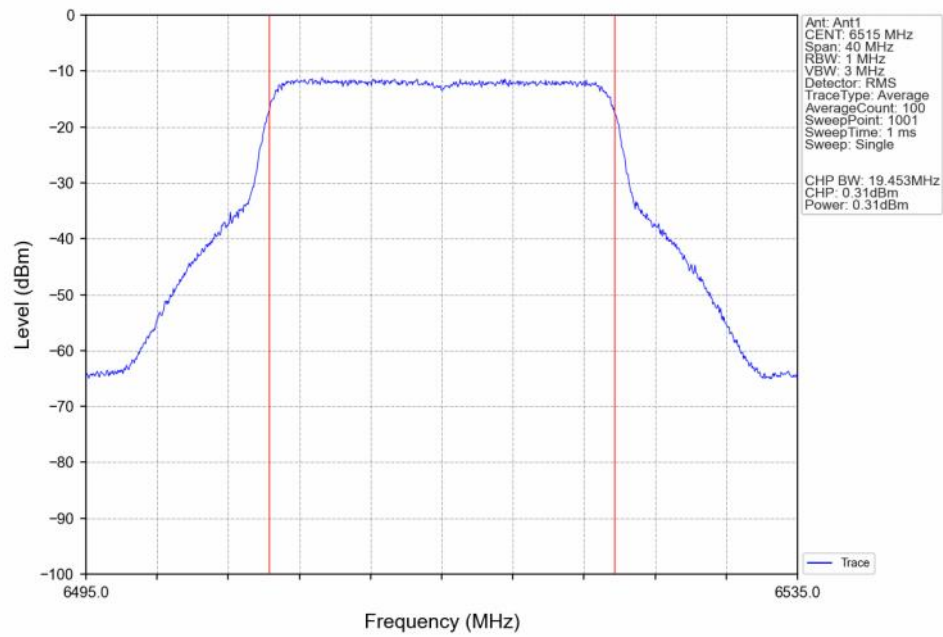
802.11ax(HEW20)_MCH_6475MHz_SU / Ant1_NTNV



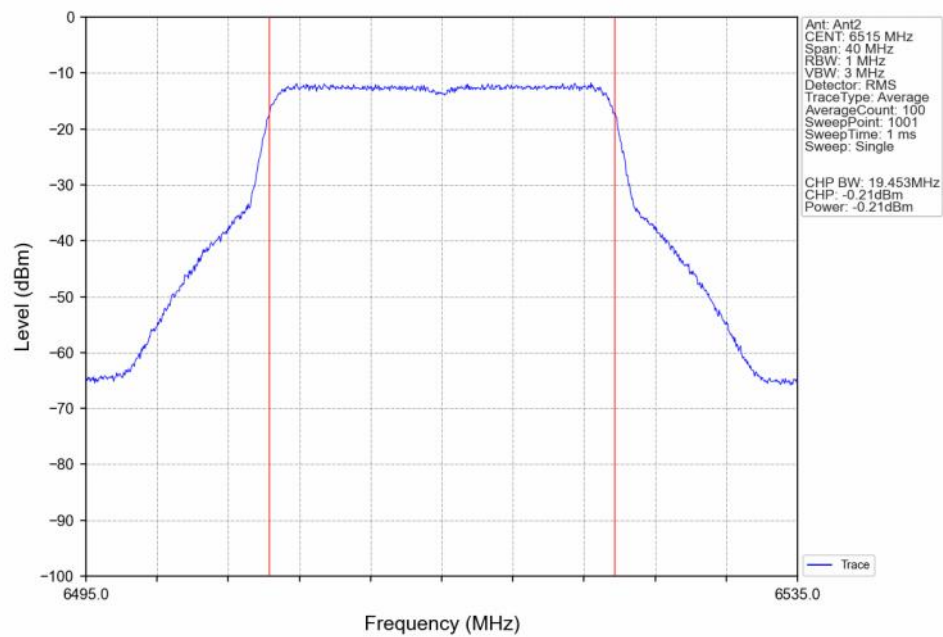
802.11ax(HEW20)_MCH_6475MHz_SU / Ant2_NTNV



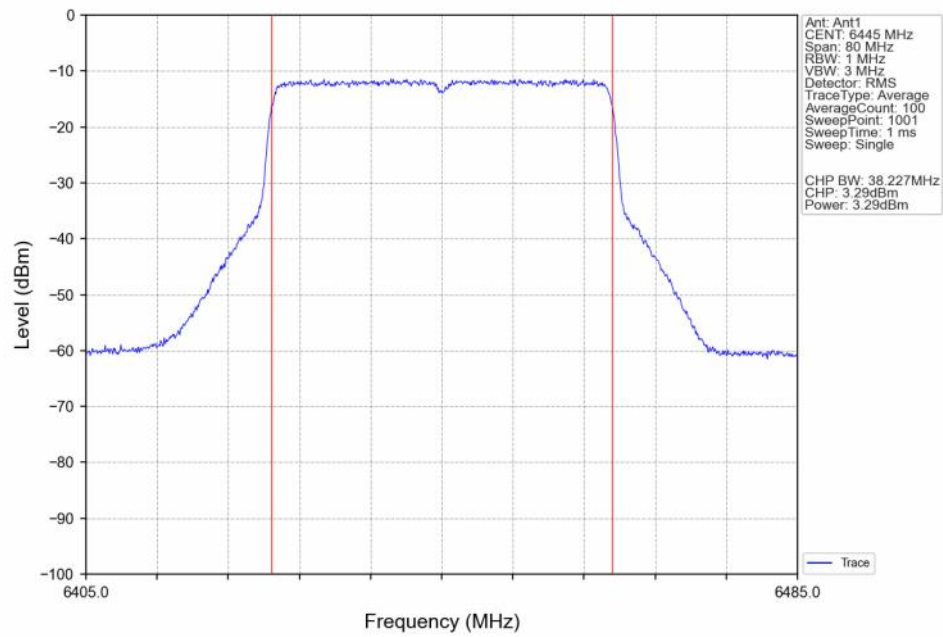
802.11ax(HEW20)_HCH_6515MHz_SU_ / _Ant1_NTNV



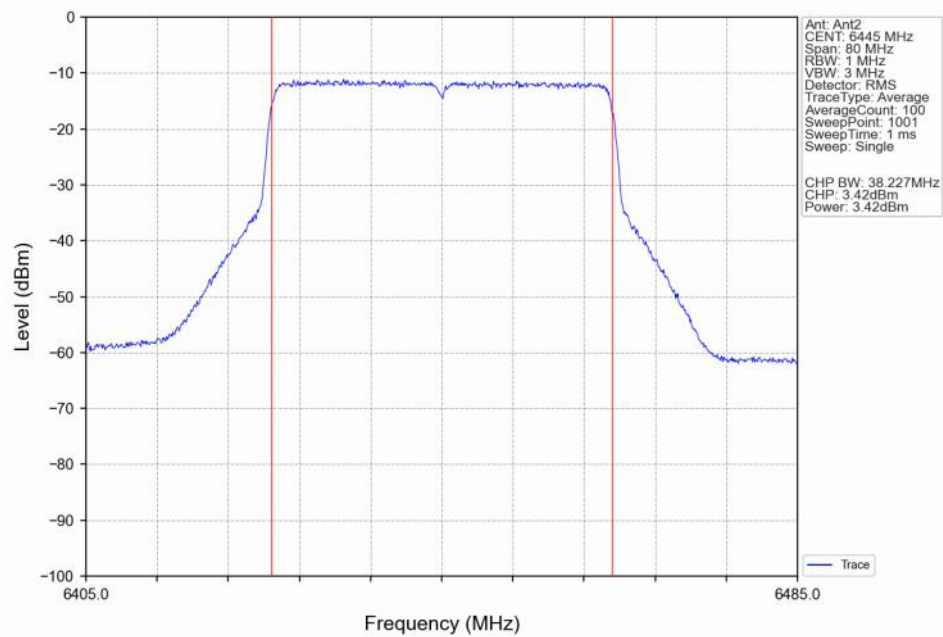
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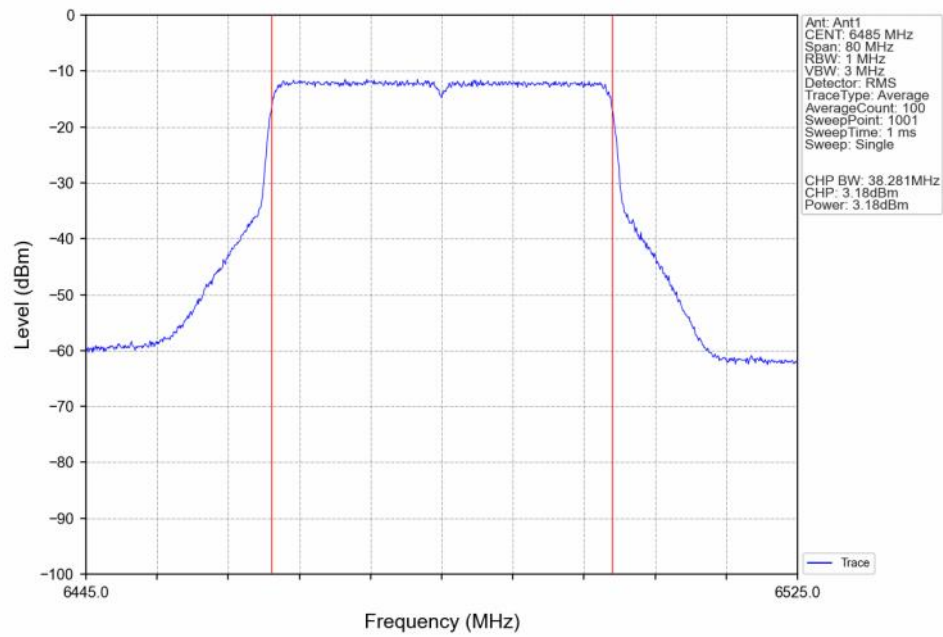
802.11ax(HEW40)_LCH_6445MHz_SU_/_Ant1_NTNV



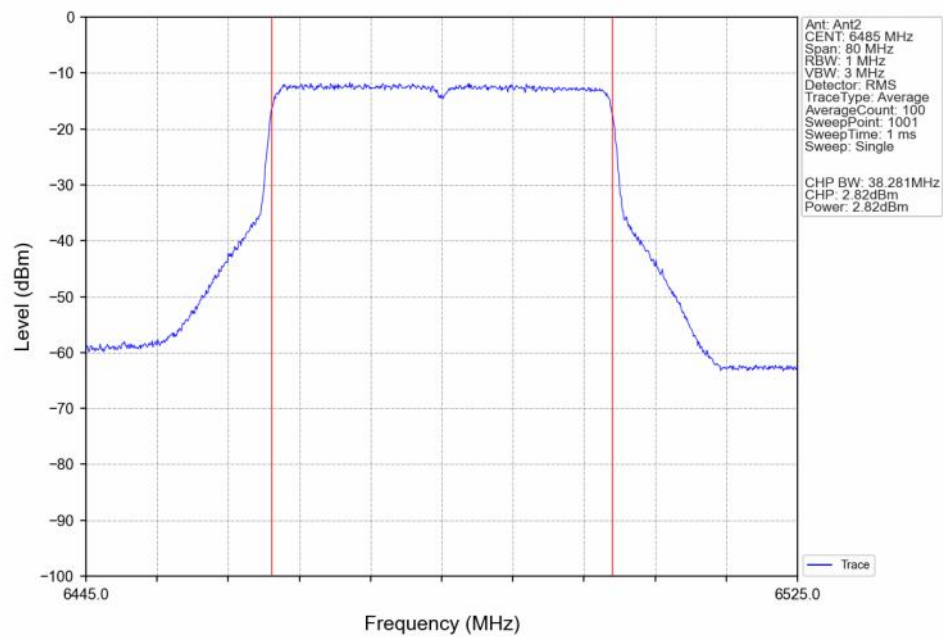
802.11ax(HEW40)_LCH_6445MHz_SU_/_Ant2_NTNV



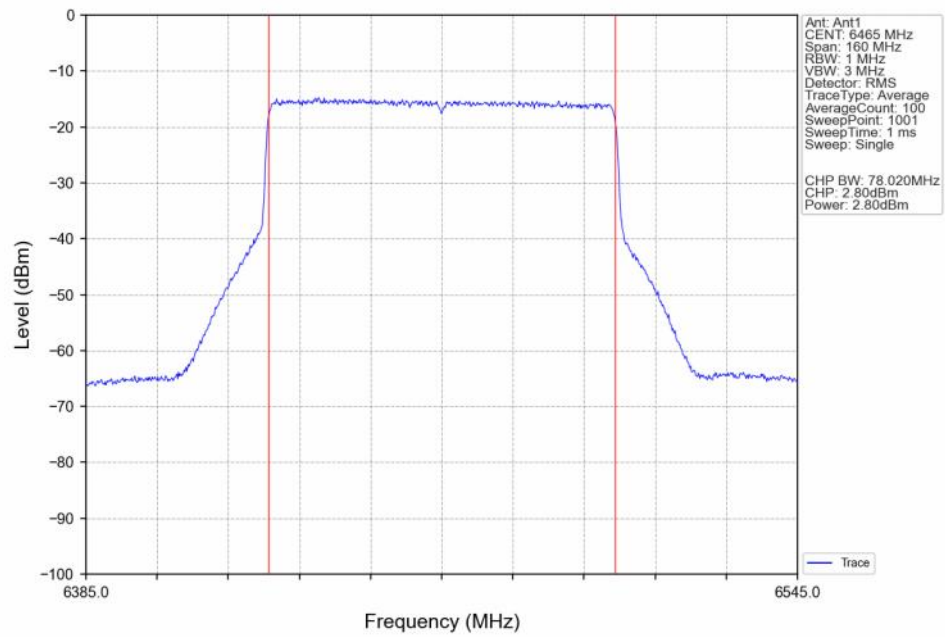
802.11ax(HEW40)_MCH_6485MHz_SU / Ant1_NTNV



802.11ax(HEW40)_MCH_6485MHz_SU / Ant2_NTNV



802.11ax(HEW80)_LCH_6465MHz_SU_/_Ant1_NTNV



802.11ax(HEW80)_LCH_6465MHz_SU_/_Ant2_NTNV

