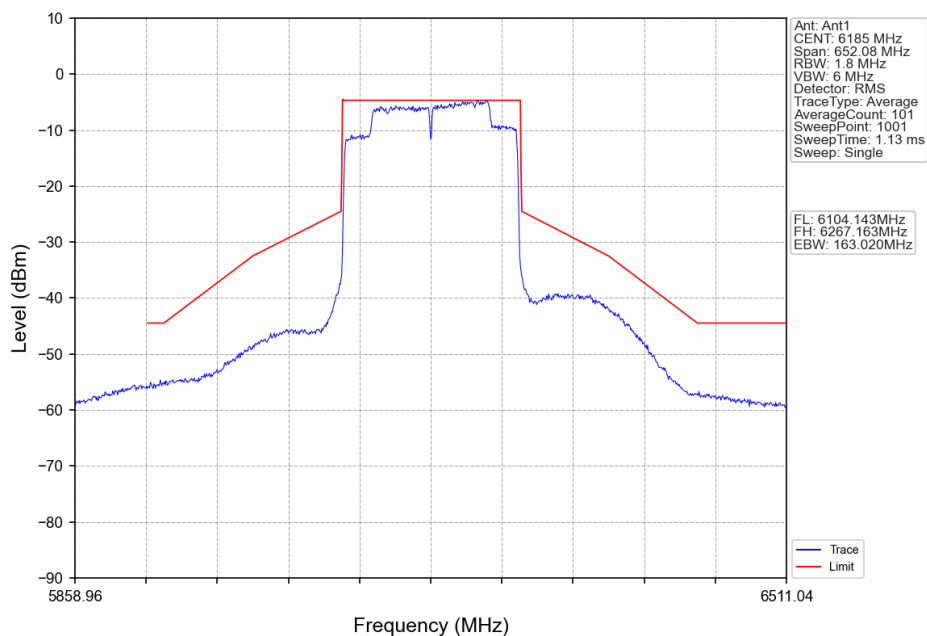
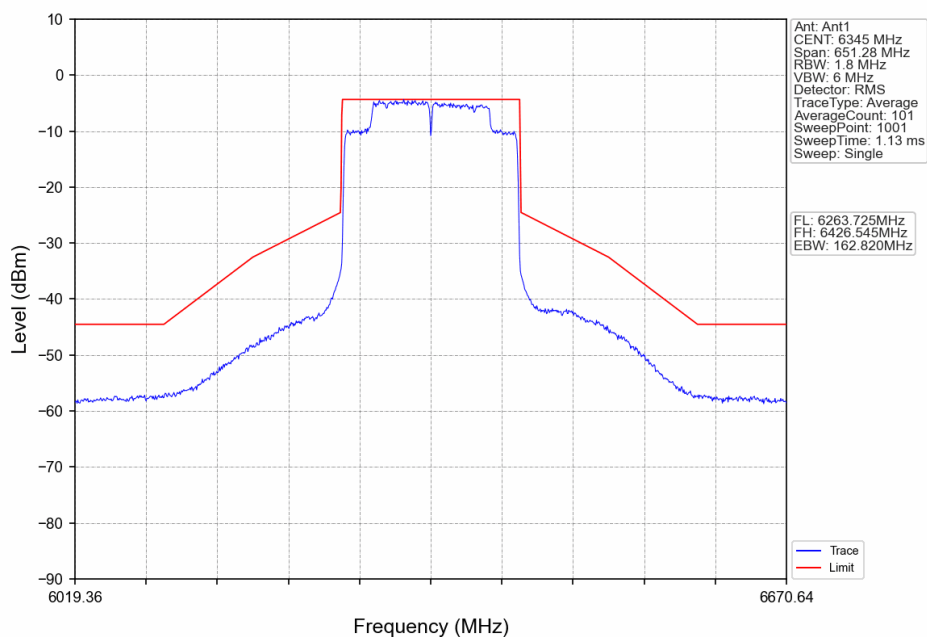


802.11ax(HEW160)_MCH_6185MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6345MHz_2xRU996_Left_Ant1_NTNV



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231200414603

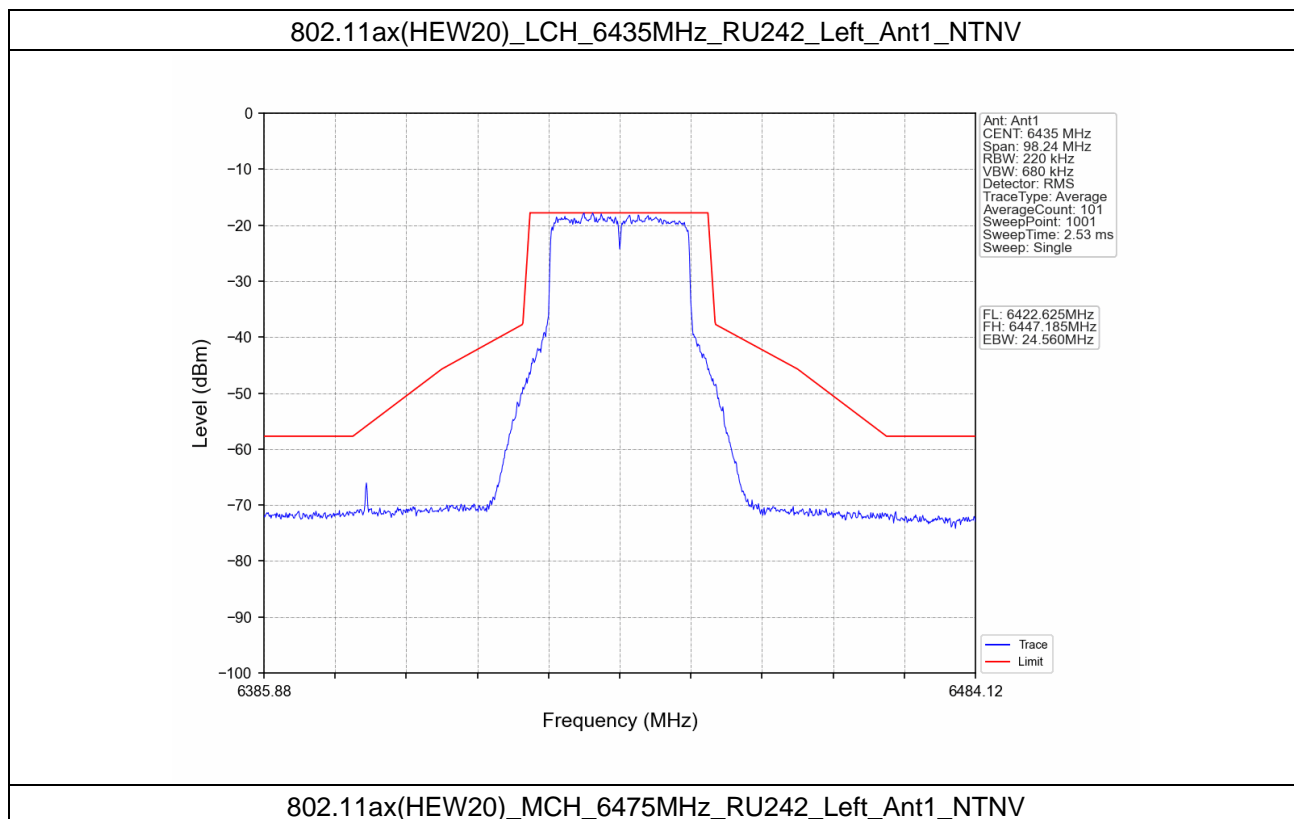
Page: 908 of 1021

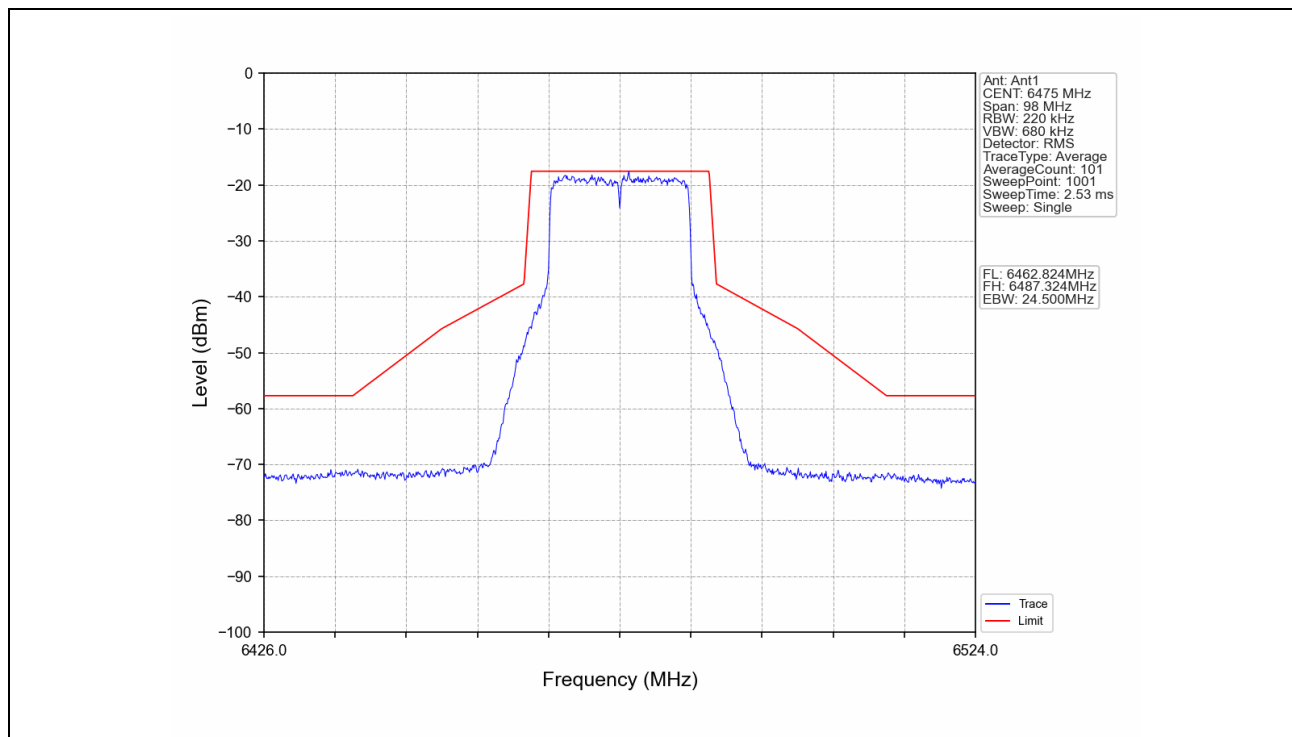
6.2 EMask

6.2.1 Test Result

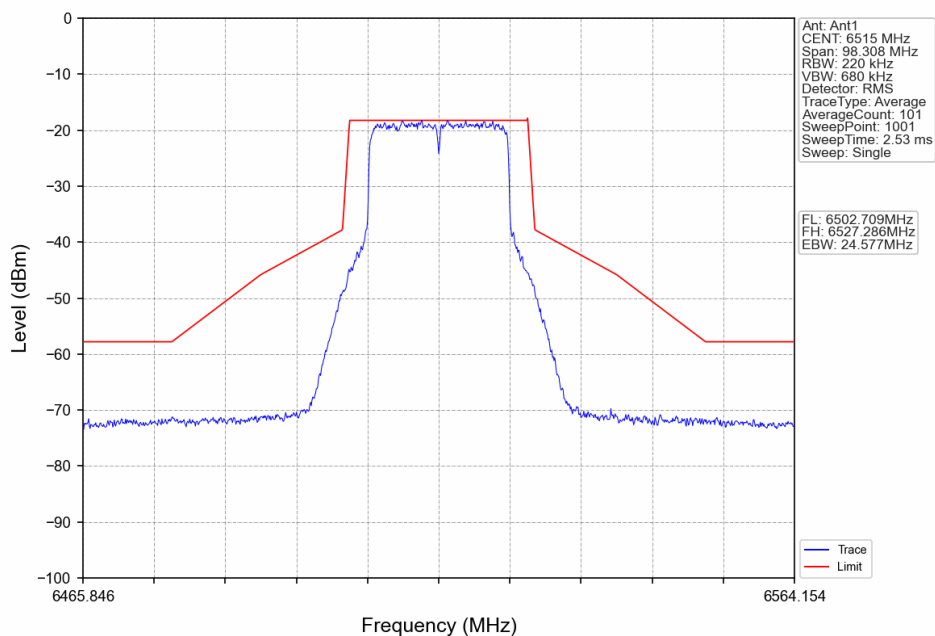
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11ax (HEW20)	MIMO	6435	RU242	Left	1	Refer To Test Graph		Pass
			6475	RU242	Left	1	Refer To Test Graph		Pass
			6515	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6445	RU484	Left	1	Refer To Test Graph		Pass
			6485	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6465	RU996	Left	1	Refer To Test Graph		Pass

6.2.2 Test Graph

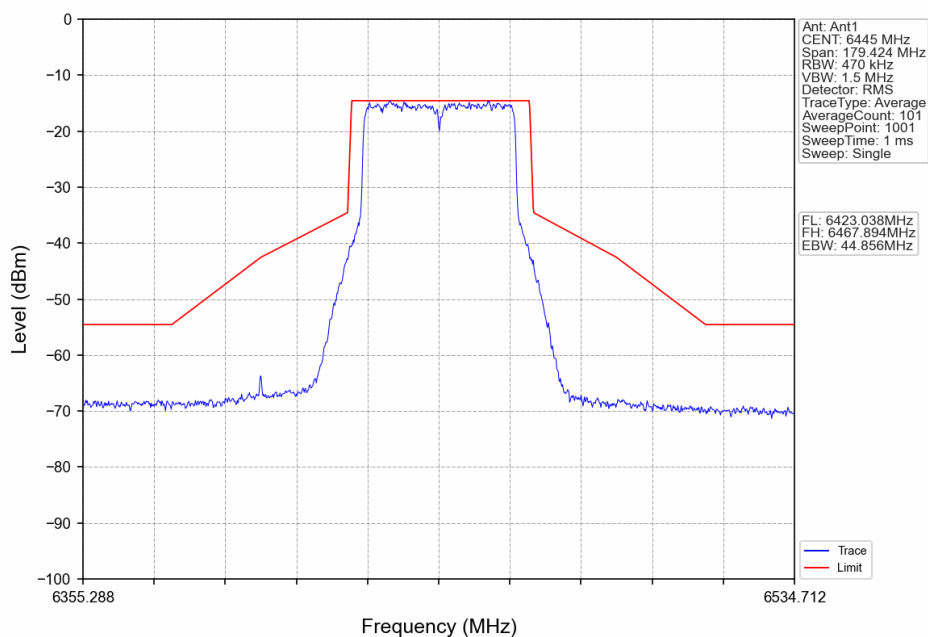




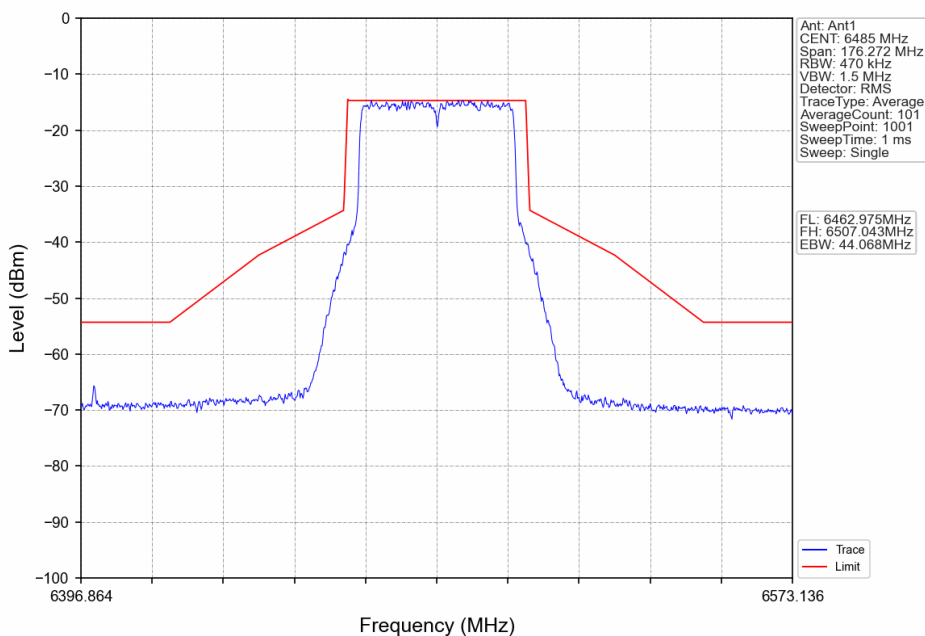
802.11ax(HEW20)_HCH_6515MHz_RU242_Left_Ant1_NTNV



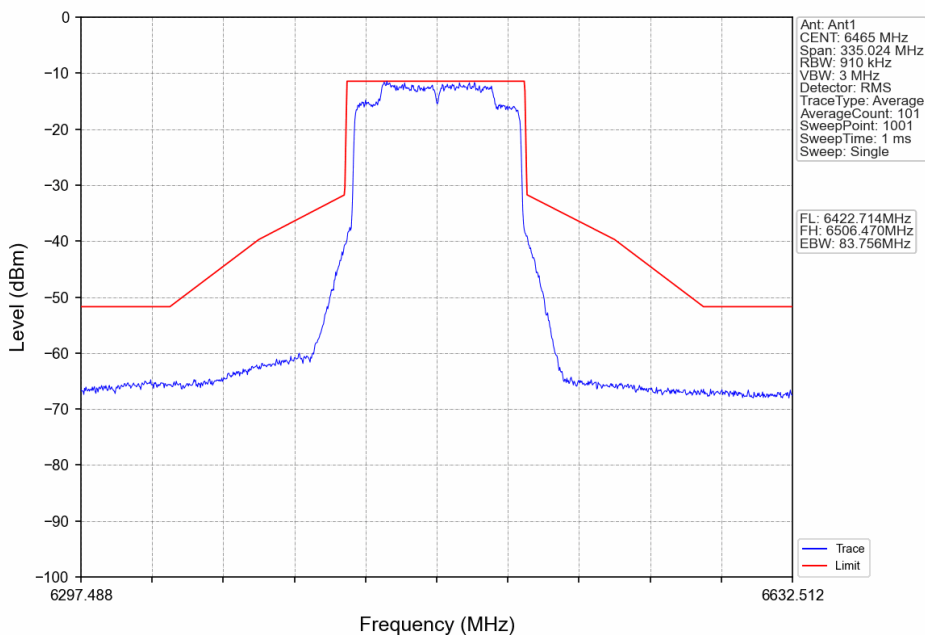
802.11ax(HEW40)_LCH_6445MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_MCH_6485MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_6465MHz_RU996_Left_Ant1_NTNV



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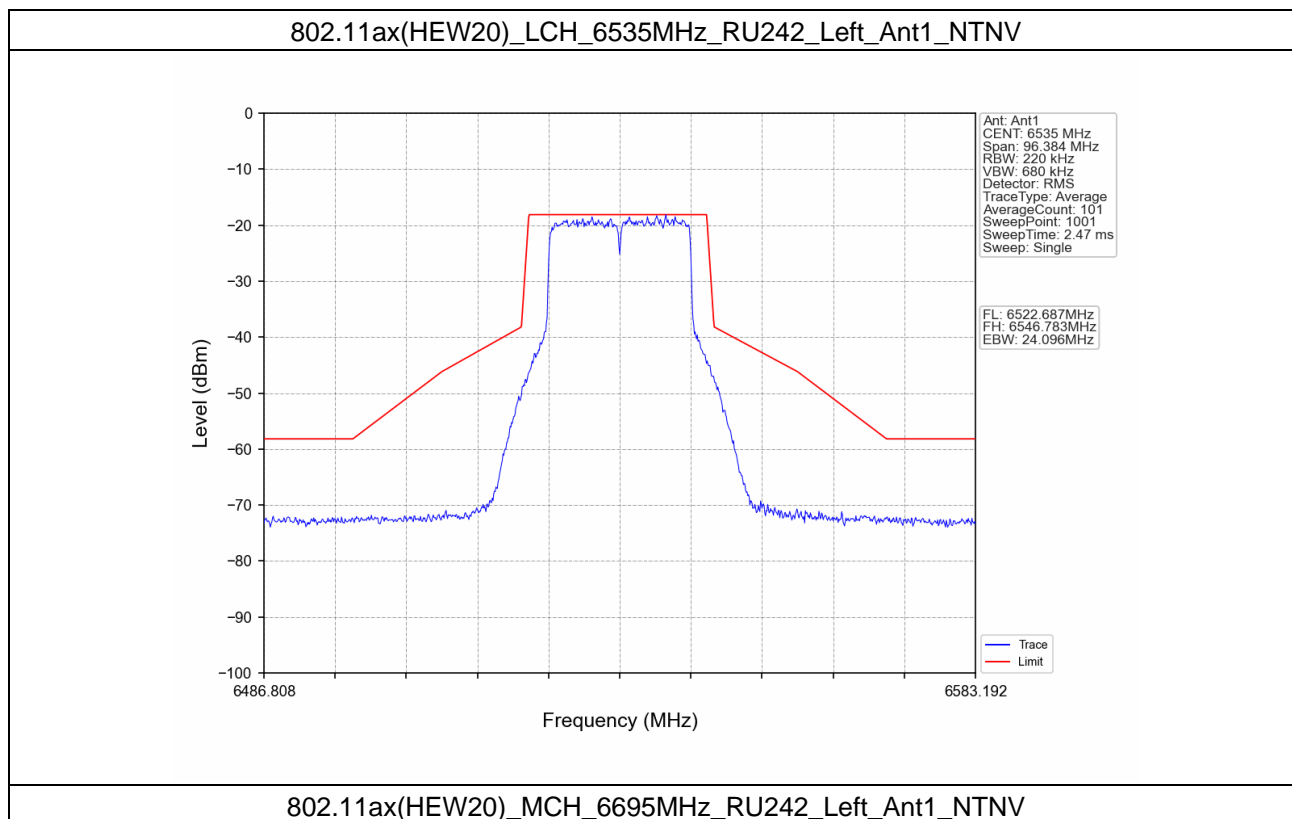
Page: 913 of 1021

6.3 EMask

6.3.1 Test Result

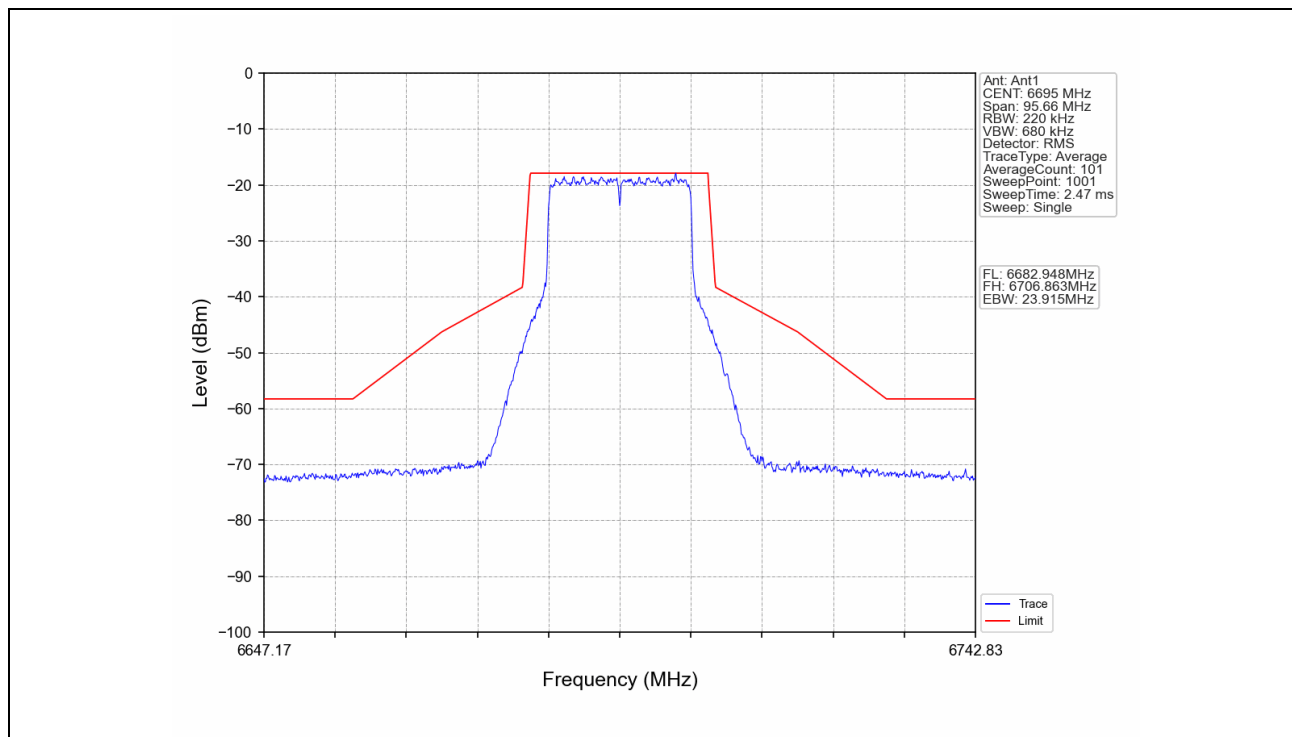
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11ax (HEW20)	MIMO	6535	RU242	Left	1	Refer To Test Graph		Pass
			6695	RU242	Left	1	Refer To Test Graph		Pass
			6855	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6565	RU484	Left	1	Refer To Test Graph		Pass
			6685	RU484	Left	1	Refer To Test Graph		Pass
			6845	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6625	RU996	Left	1	Refer To Test Graph		Pass
			6705	RU996	Left	1	Refer To Test Graph		Pass
			6785	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6665	2xRU996	Left	1	Refer To Test Graph		Pass

6.3.2 Test Graph



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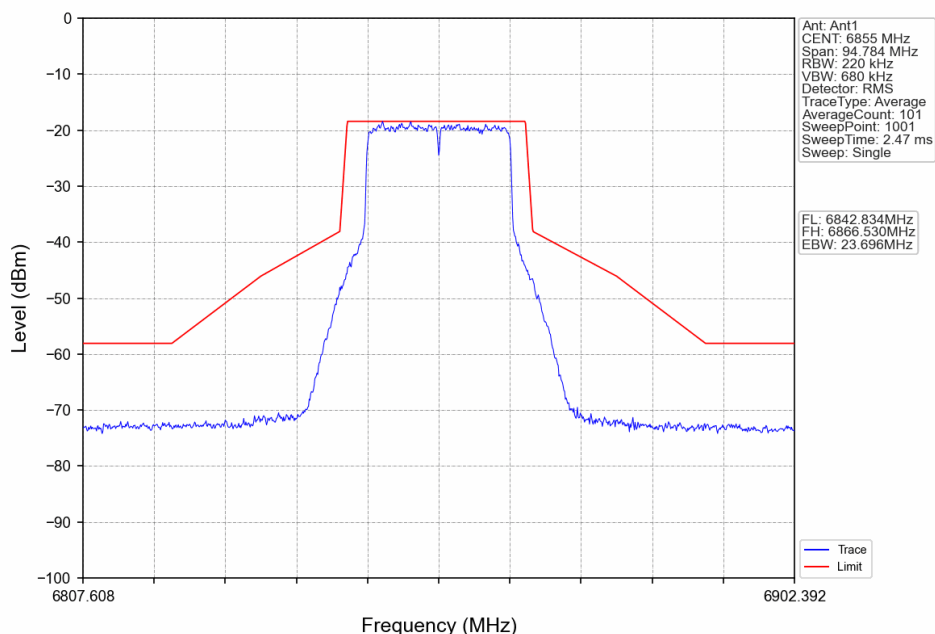
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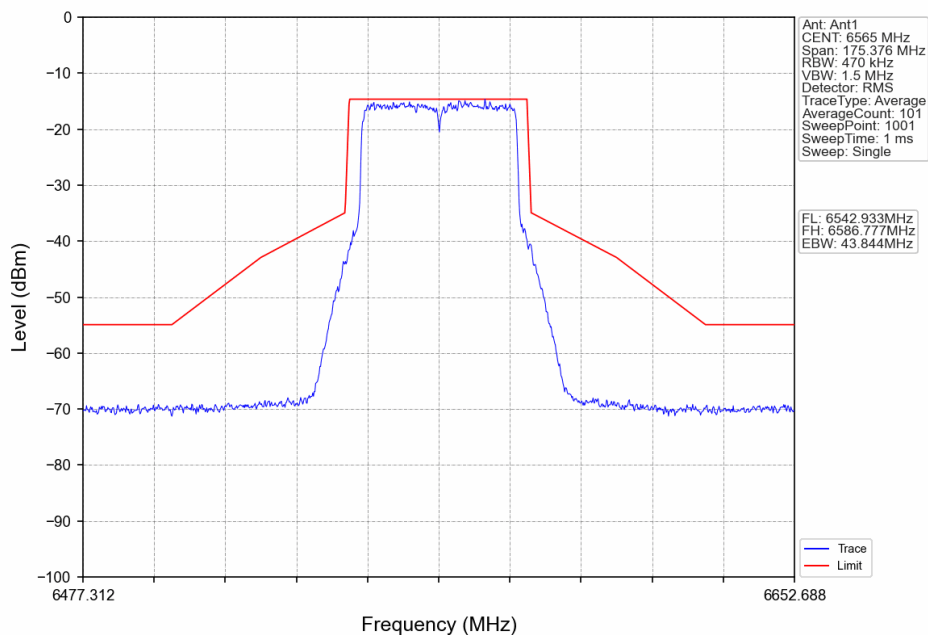
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802.11ax(HEW20)_HCH_6855MHz_RU242_Left_Ant1_NTNV



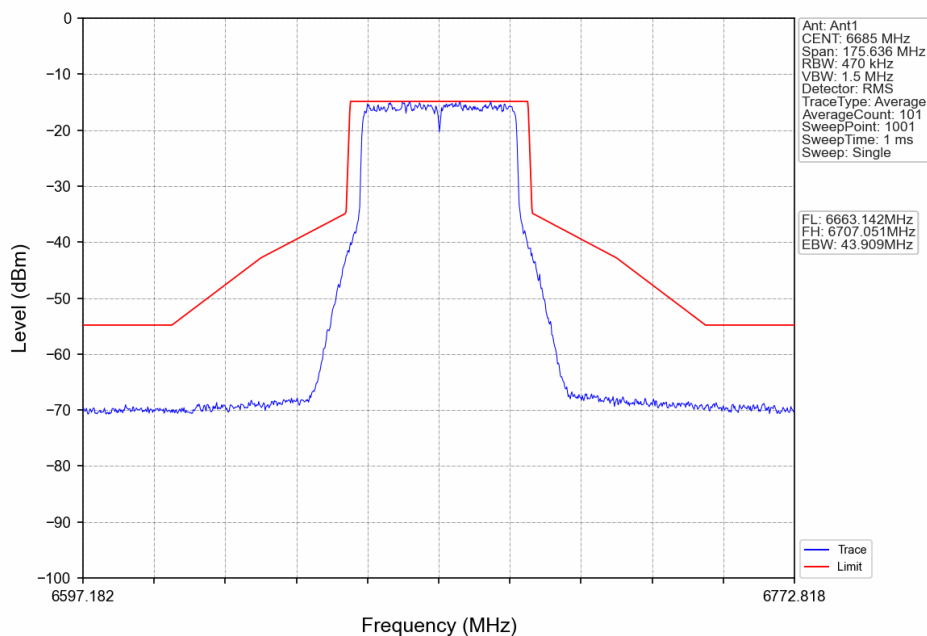
802.11ax(HEW40)_LCH_6565MHz_RU484_Left_Ant1_NTNV



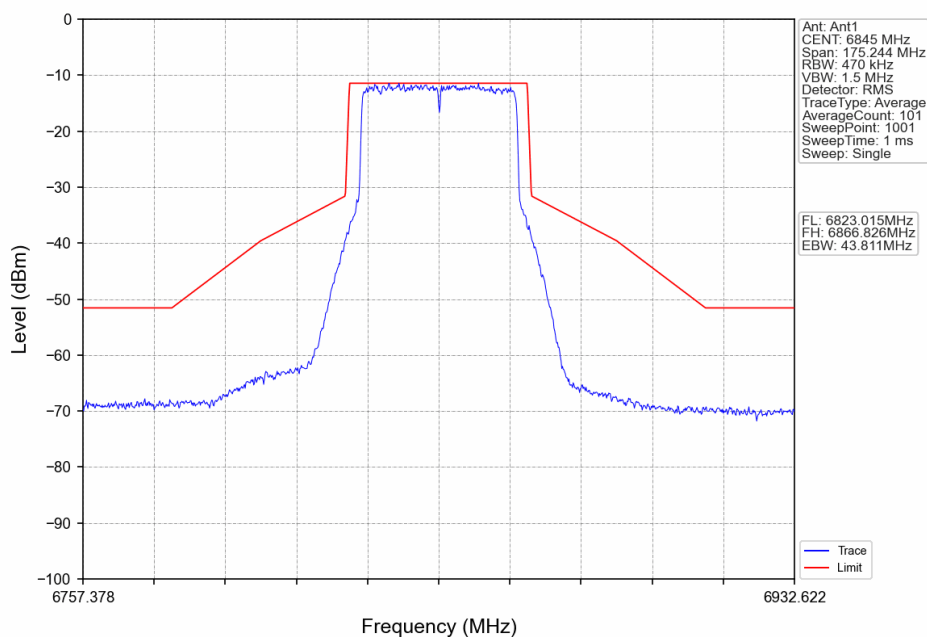
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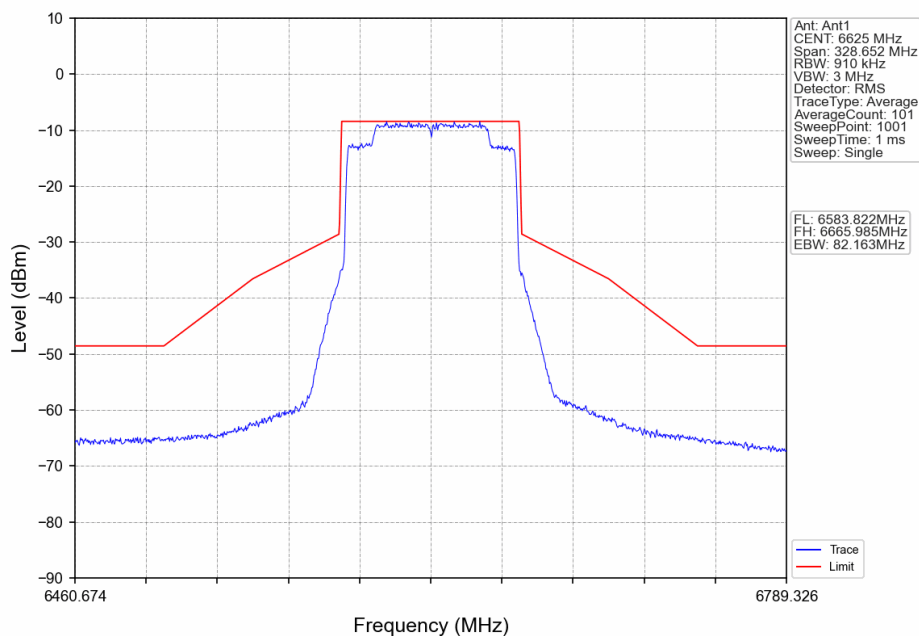
802.11ax(HEW40)_MCH_6685MHz_RU484_Left_Ant1_NTNV



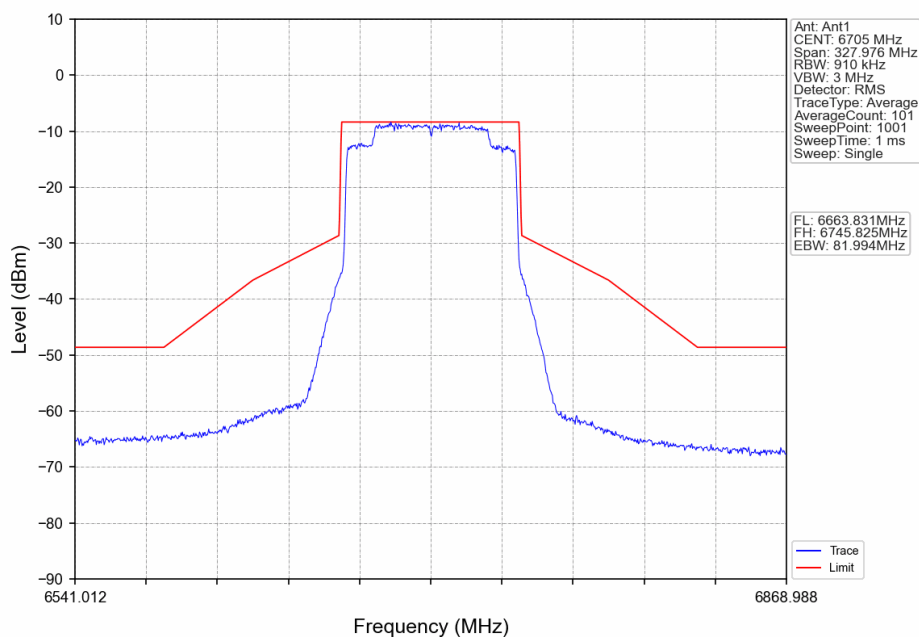
802.11ax(HEW40)_HCH_6845MHz_RU484_Left_Ant1_NTNV



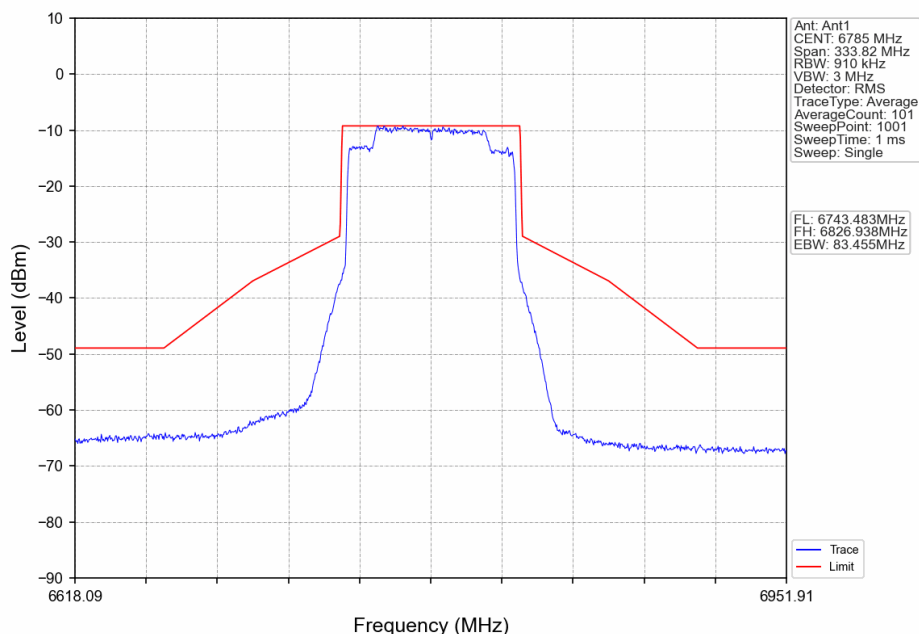
802.11ax(HEW80)_LCH_6625MHz_RU996_Left_Ant1_NTNV



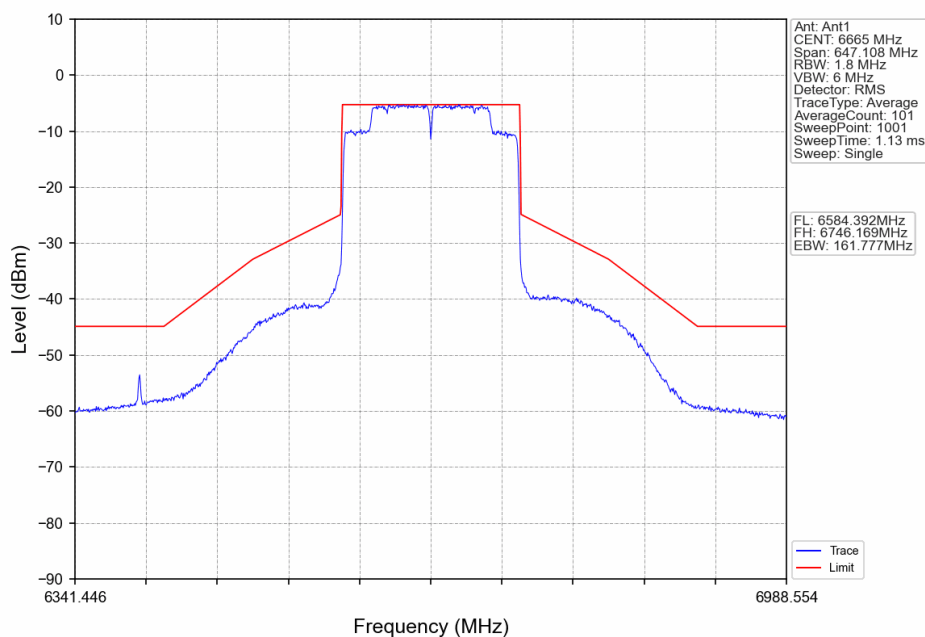
802.11ax(HEW80)_MCH_6705MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_6785MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_MCH_6665MHz_2xRU996_Left_Ant1_NTNV



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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6.4 EMask

6.4.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	Test Result	Limit	Verdict
NTNV	802.11ax (HEW20)	MIMO	6895	RU242	Left	1	Refer To Test Graph		Pass
			6995	RU242	Left	1	Refer To Test Graph		Pass
			7115	RU242	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW40)	MIMO	6925	RU484	Left	1	Refer To Test Graph		Pass
			7005	RU484	Left	1	Refer To Test Graph		Pass
			7085	RU484	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW80)	MIMO	6945	RU996	Left	1	Refer To Test Graph		Pass
			7025	RU996	Left	1	Refer To Test Graph		Pass
	802.11ax (HEW160)	MIMO	6985	2xRU996	Left	1	Refer To Test Graph		Pass



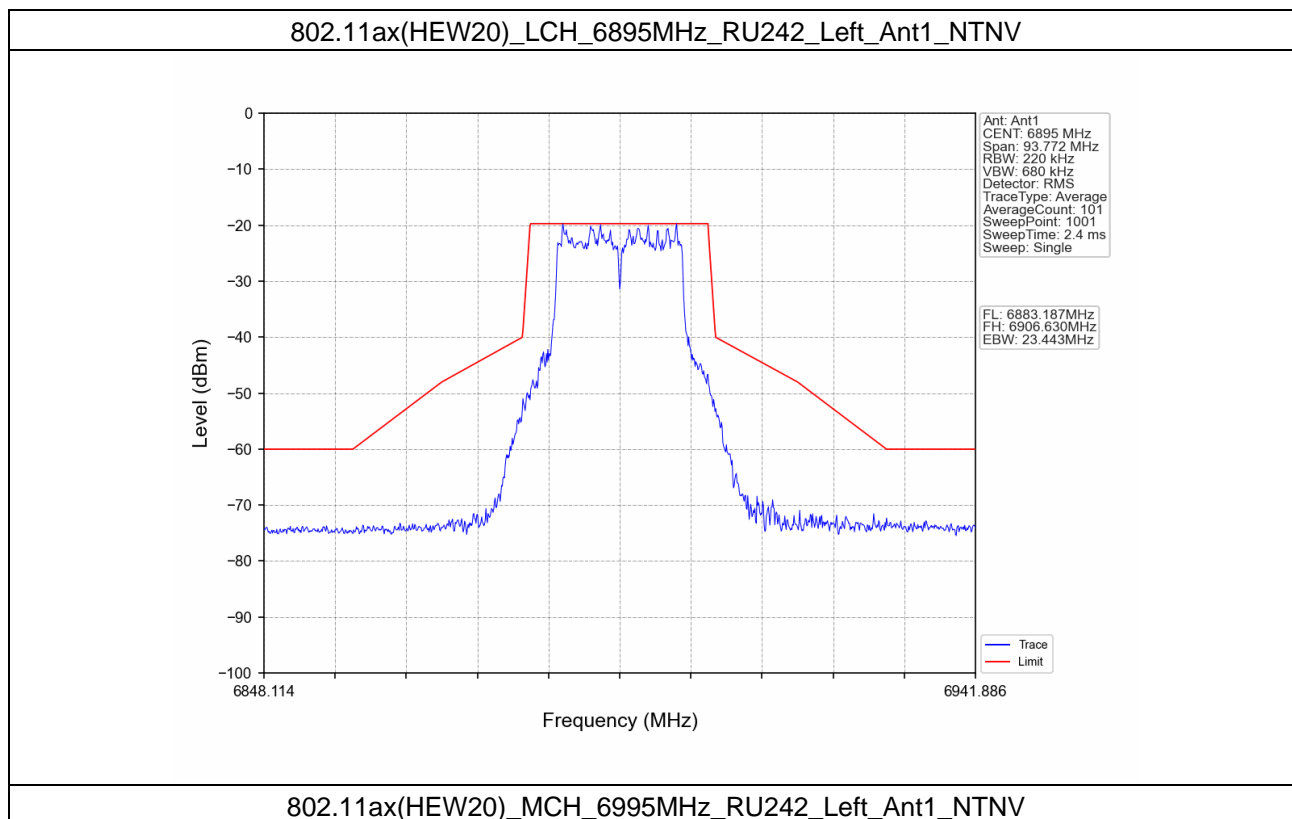
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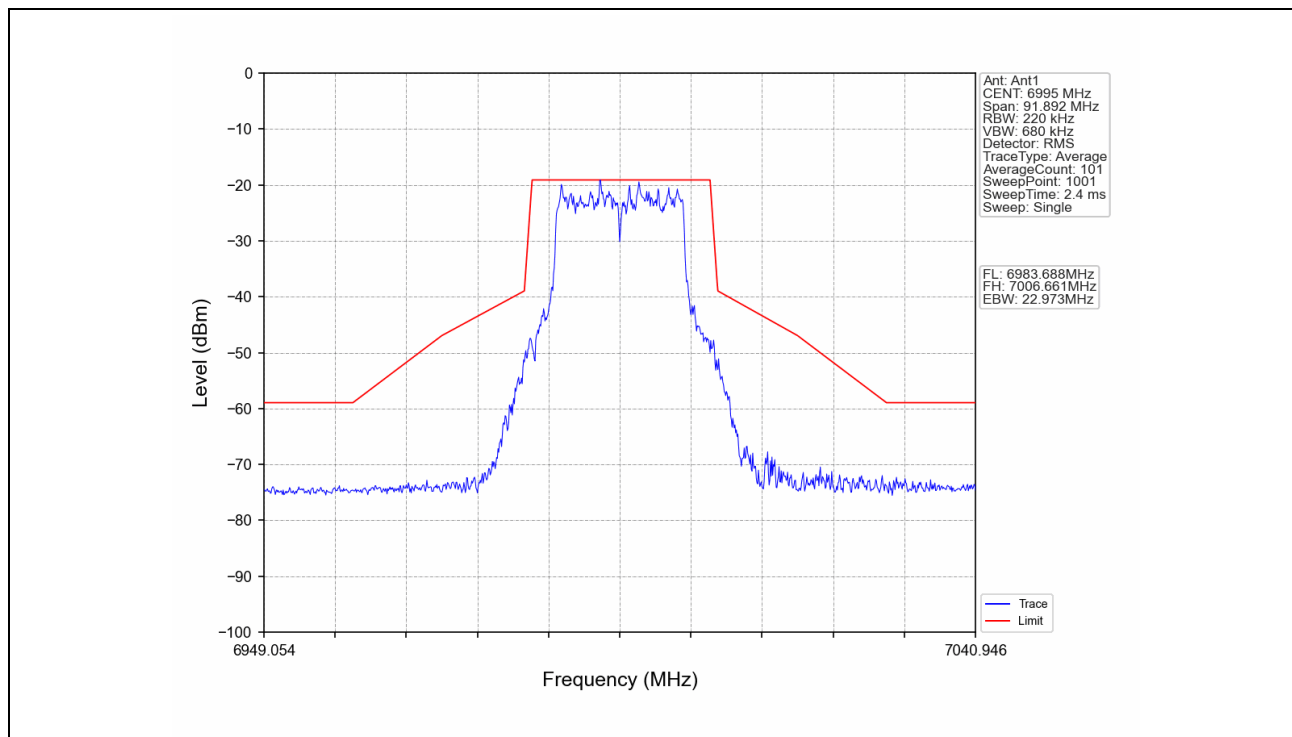
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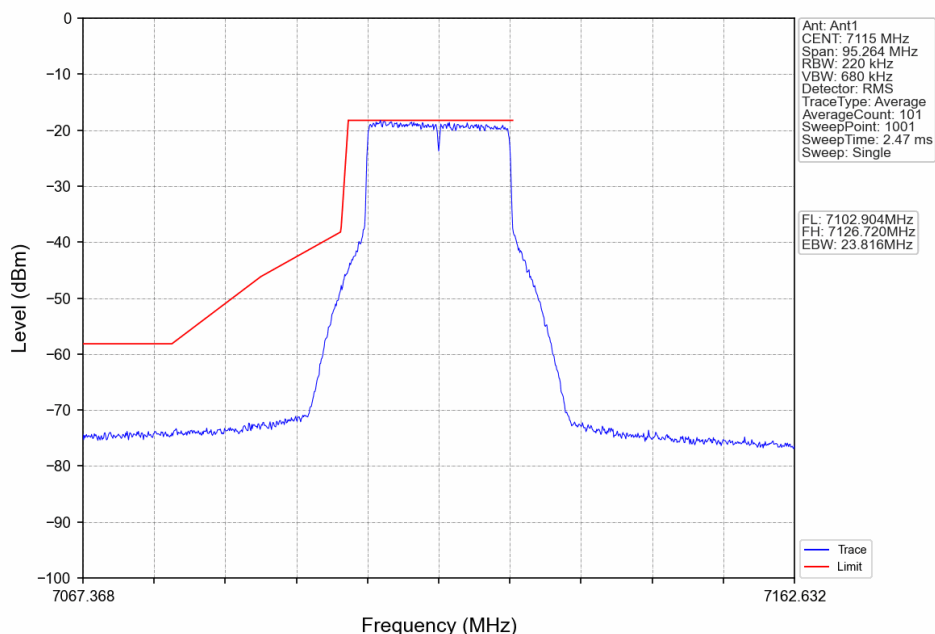
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6.4.2 Test Graph

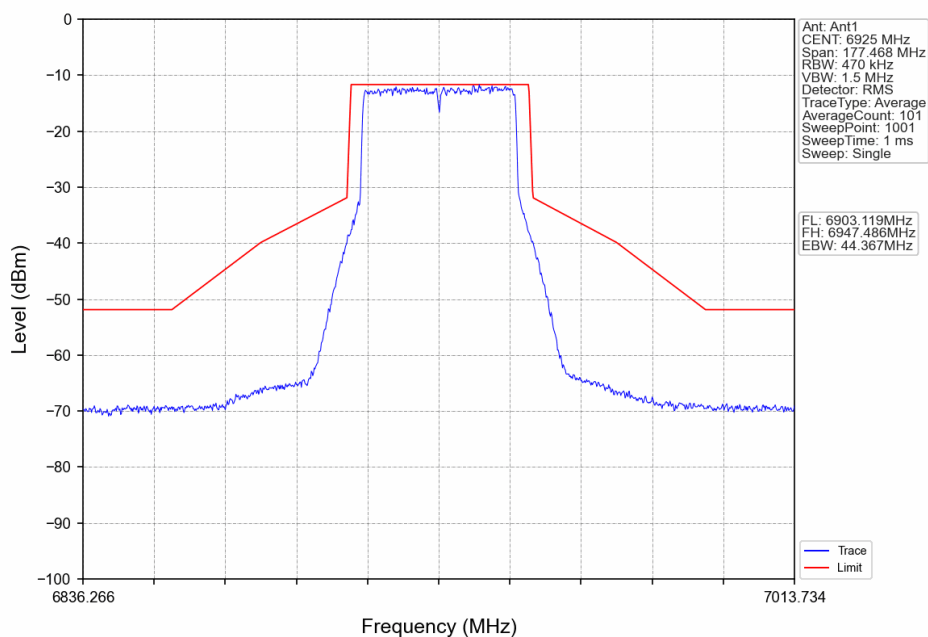




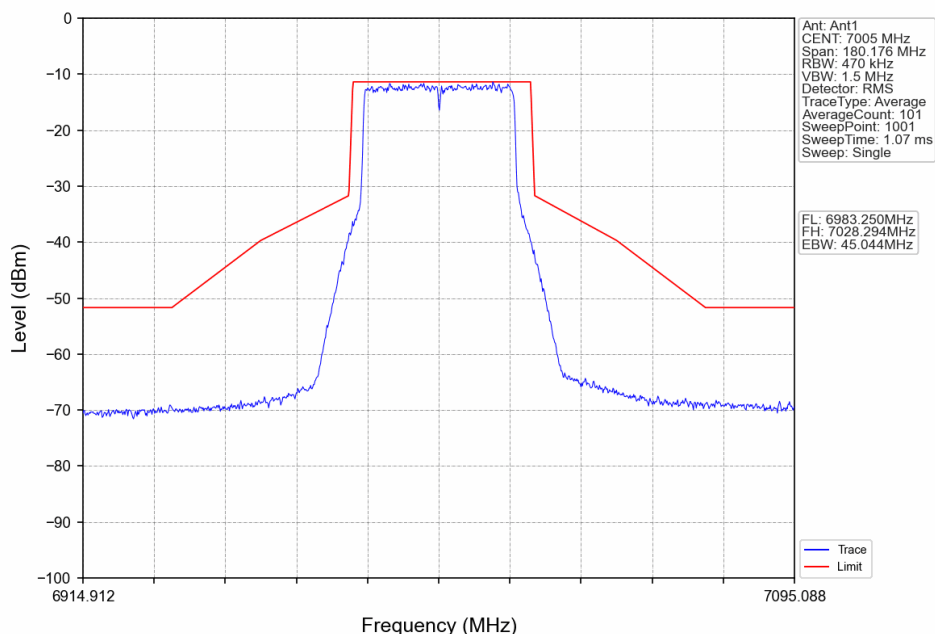
802.11ax(HEW20)_HCH_7115MHz_RU242_Left_Ant1_NTNV



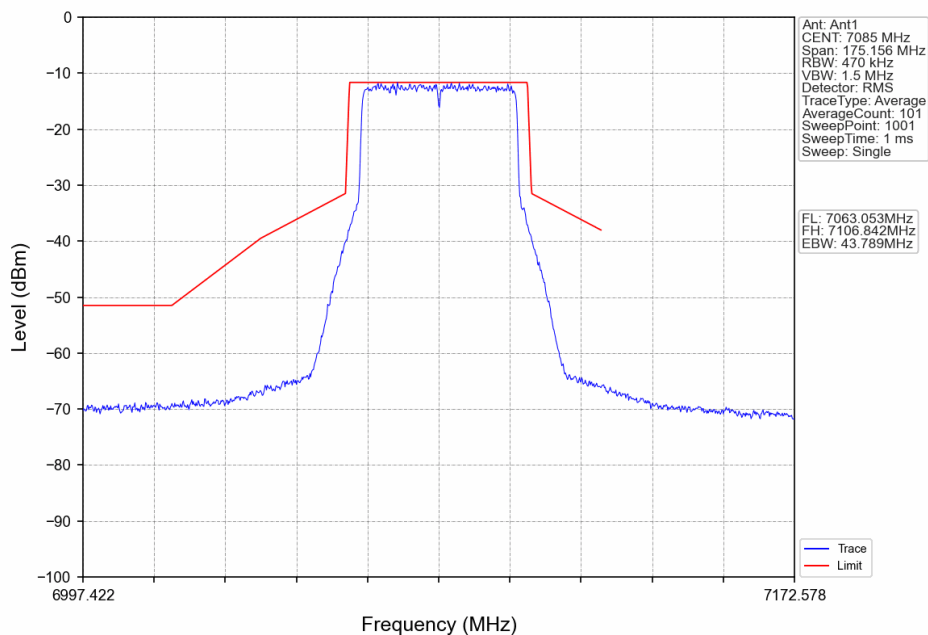
802.11ax(HEW40)_LCH_6925MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_MCH_7005MHz_RU484_Left_Ant1_NTNV



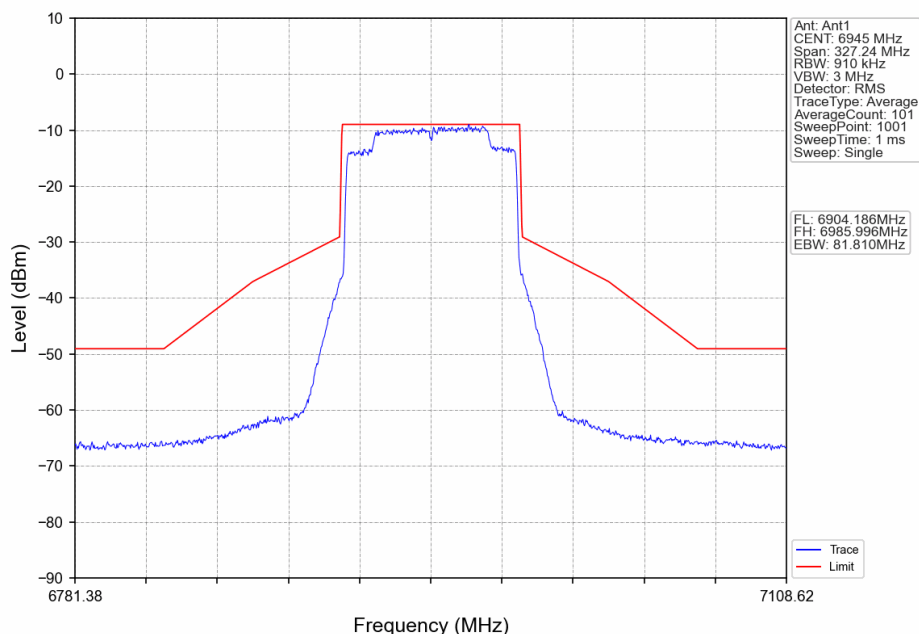
802.11ax(HEW40)_HCH_7085MHz_RU484_Left_Ant1_NTNV



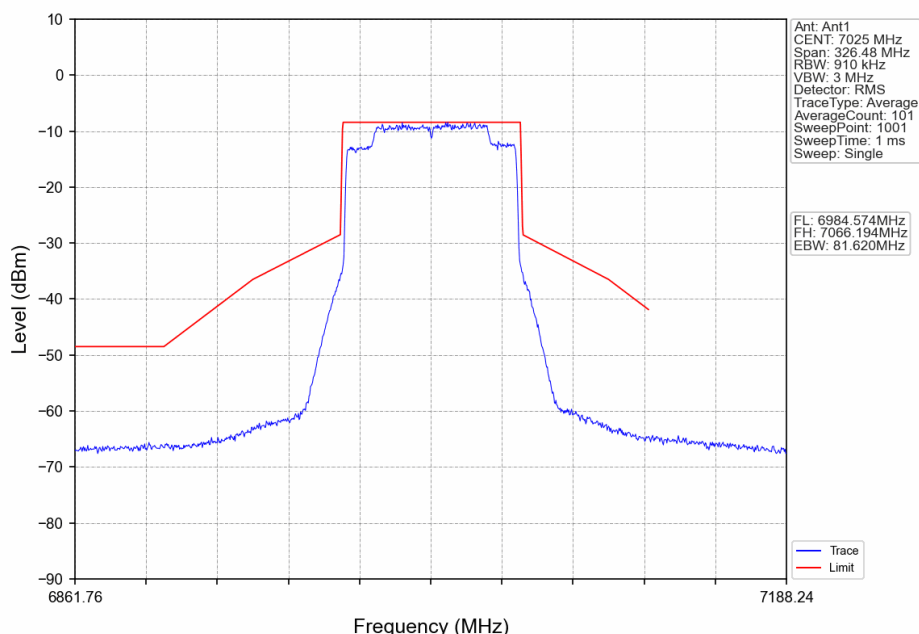
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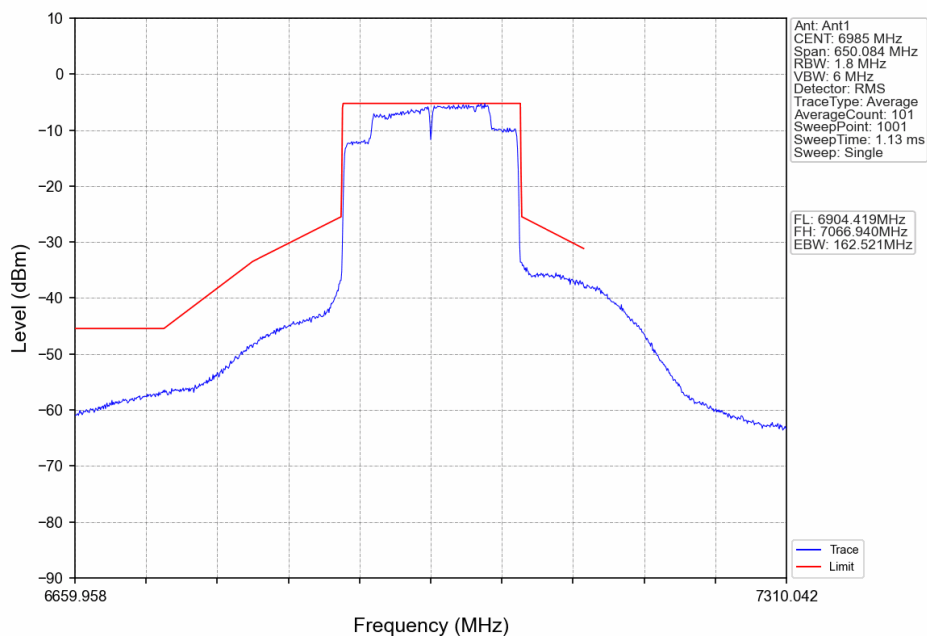
802.11ax(HEW80)_LCH_6945MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_7025MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_MCH_6985MHz_2xRU996_Left_Ant1_NTNV



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1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

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	RU242	Left	0.485	0.534	90.82	0.42	0.31
	802.11ax (HEW40)	MIMO	6885	RU484	Left	0.268	0.318	84.28	0.74	0.53
	802.11ax (HEW80)	MIMO	6865	RU996	Left	0.254	0.302	84.11	0.75	0.23
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	0.240	0.289	83.04	0.81	0.74



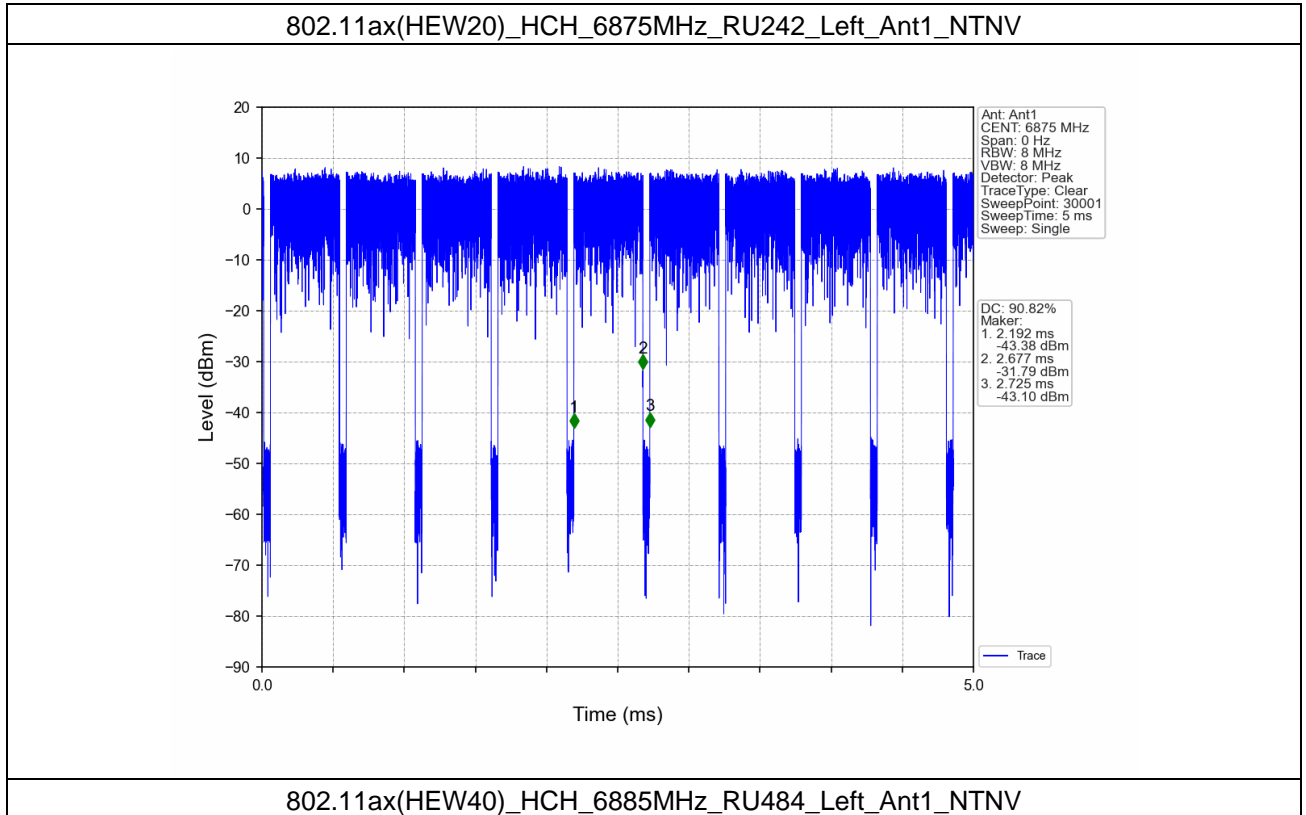
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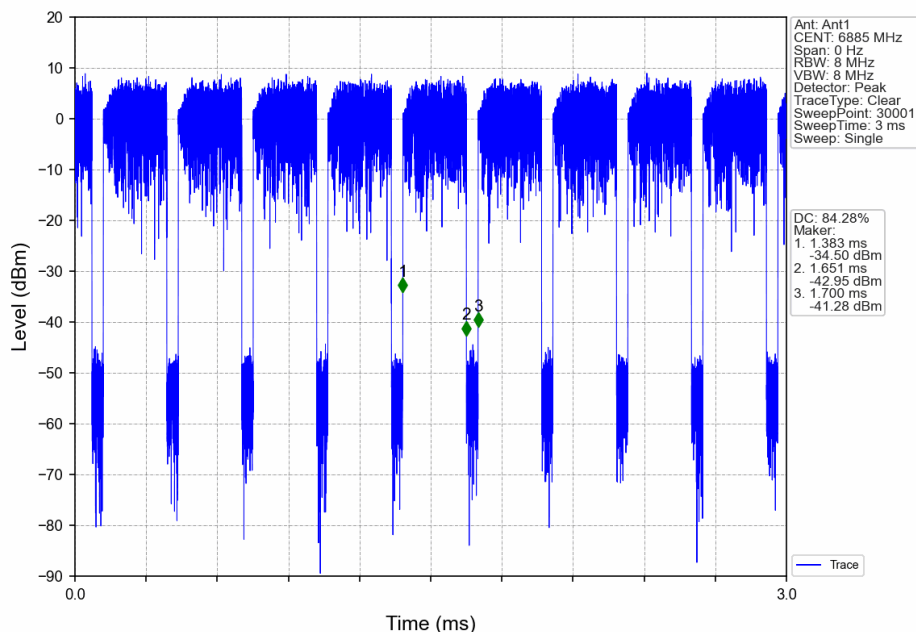
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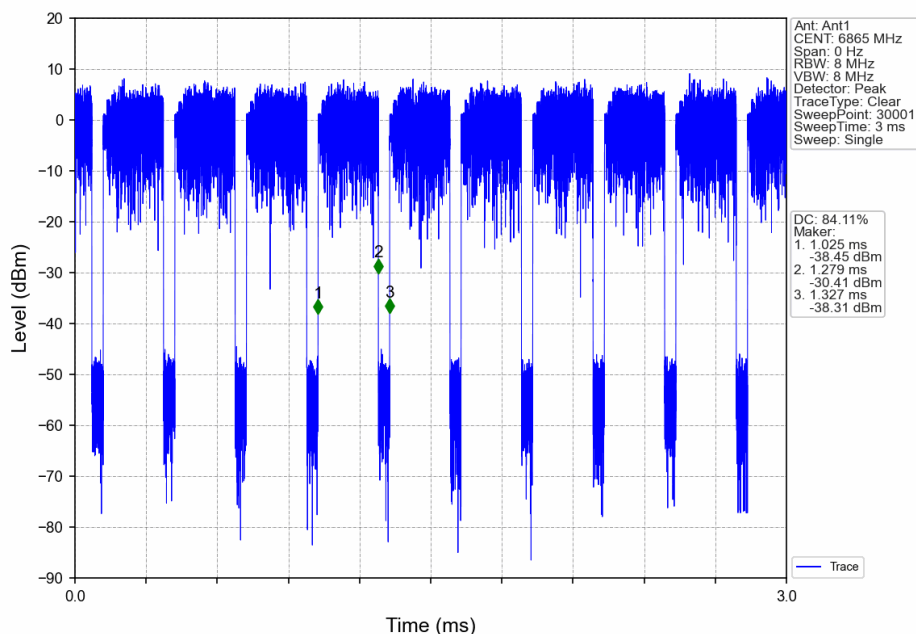
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1.1.2 Test Graph

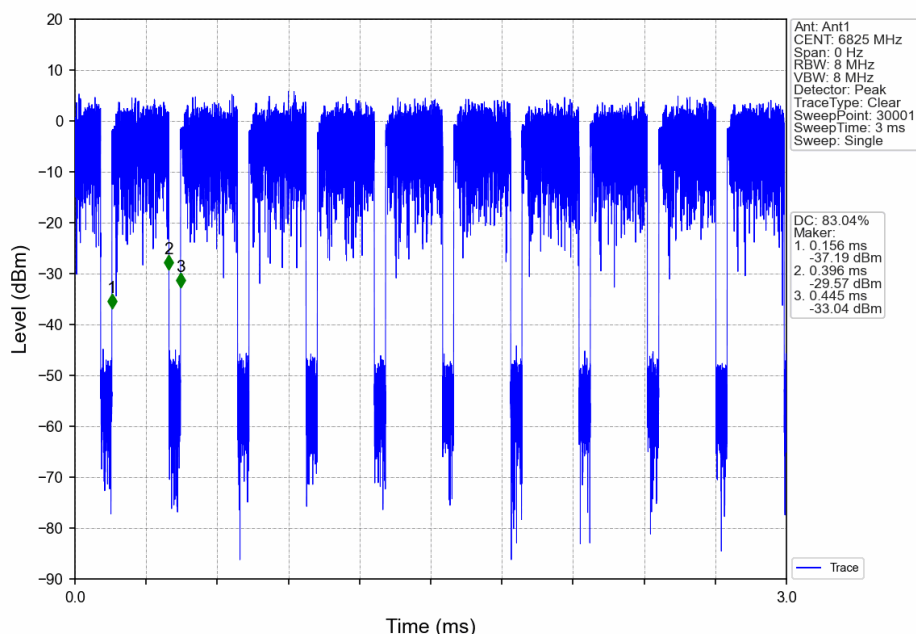




802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



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1.2 Ant1

1.2.1 Test Result

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	RU484	Left	0.268	0.317	84.54	0.73	0.36
	802.11ax (HEW80)	MIMO	6545	RU996	Left	0.255	0.302	84.44	0.73	0.06
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	0.241	0.290	83.10	0.80	0.87



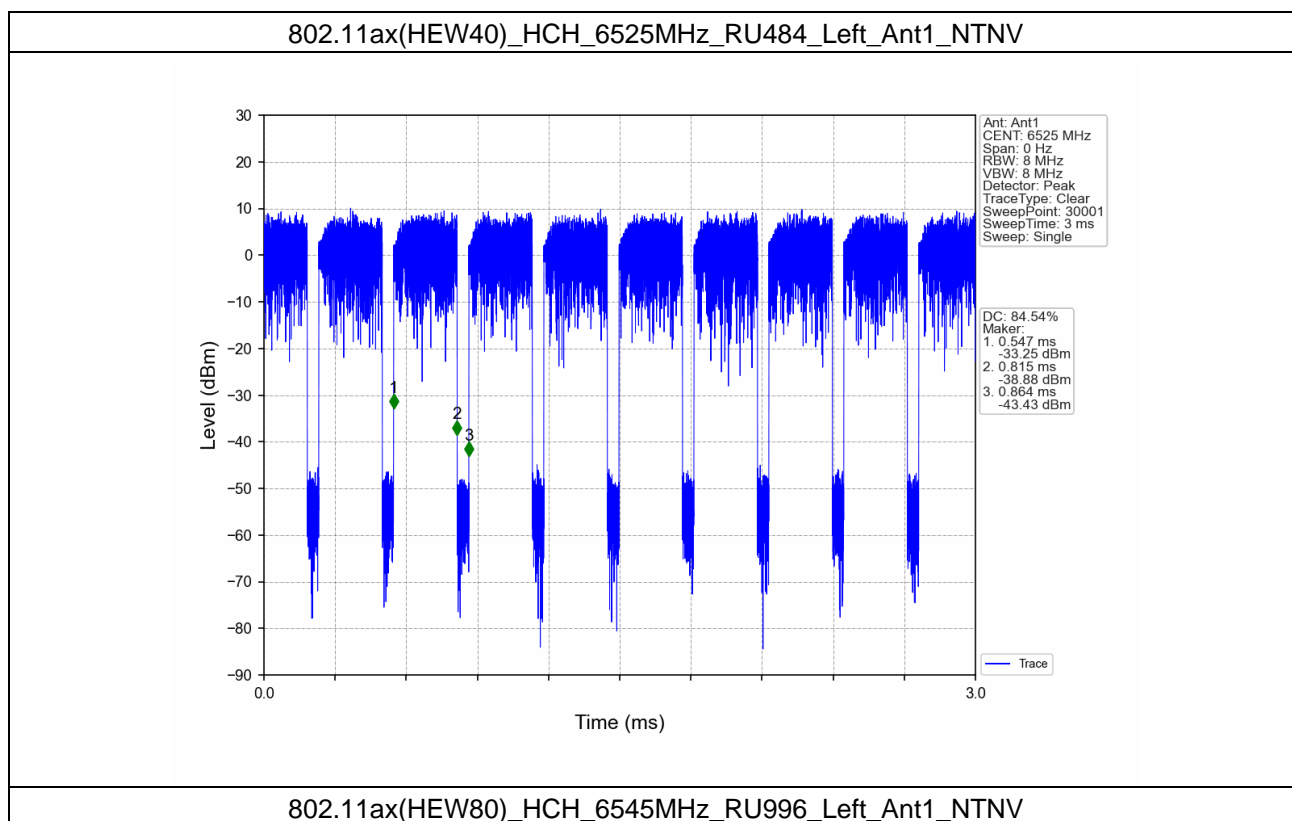
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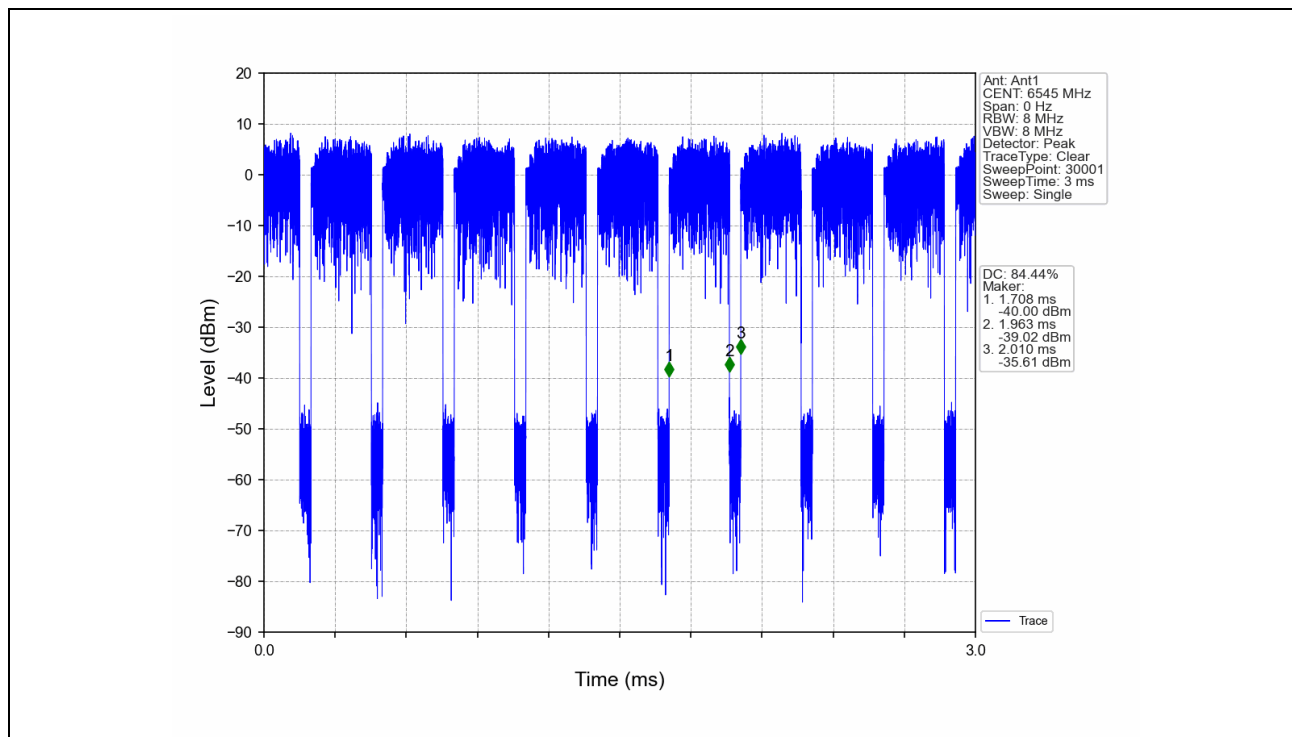
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1.2.2 Test Graph

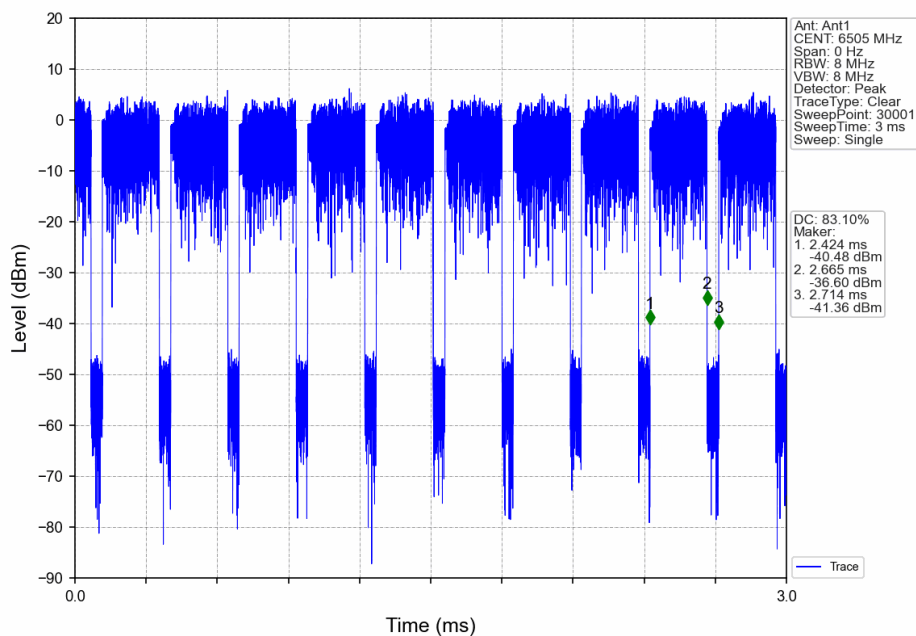




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802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



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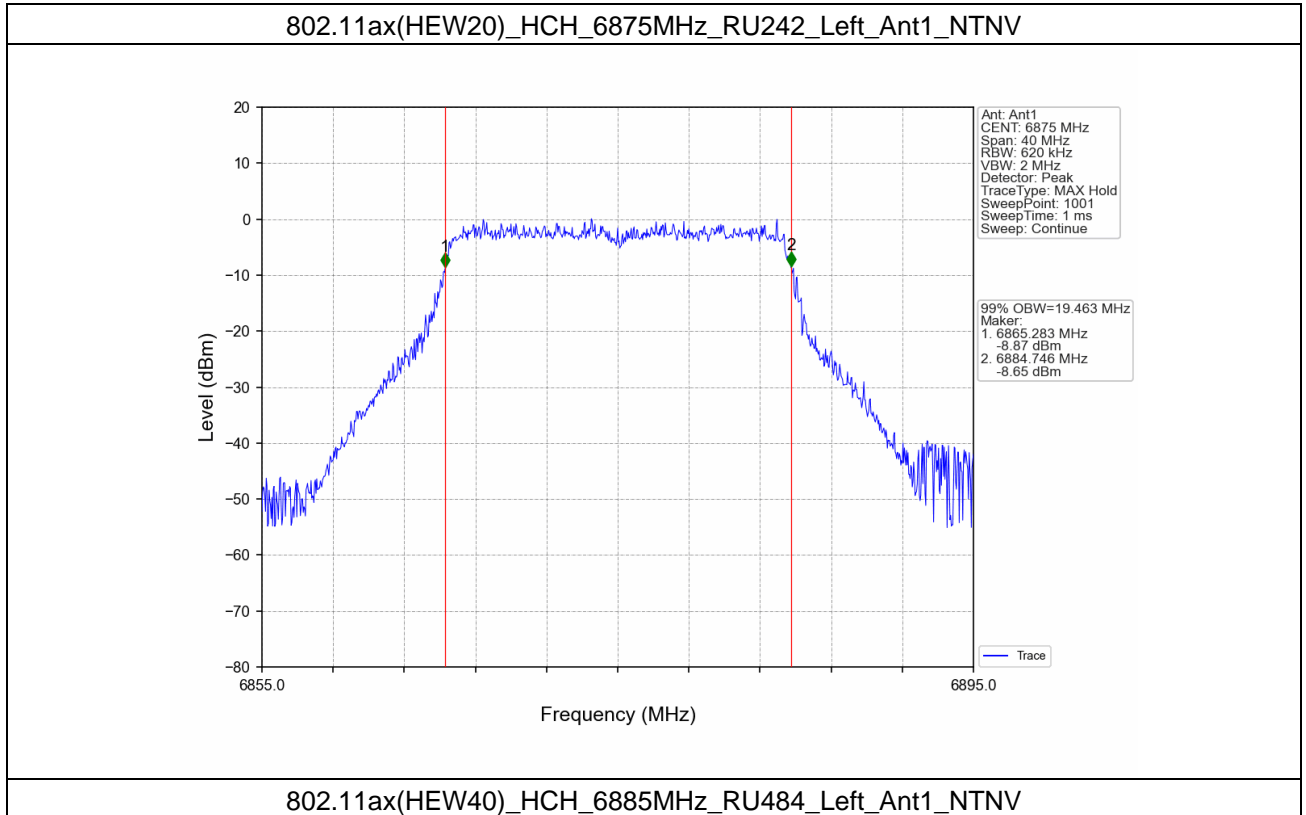
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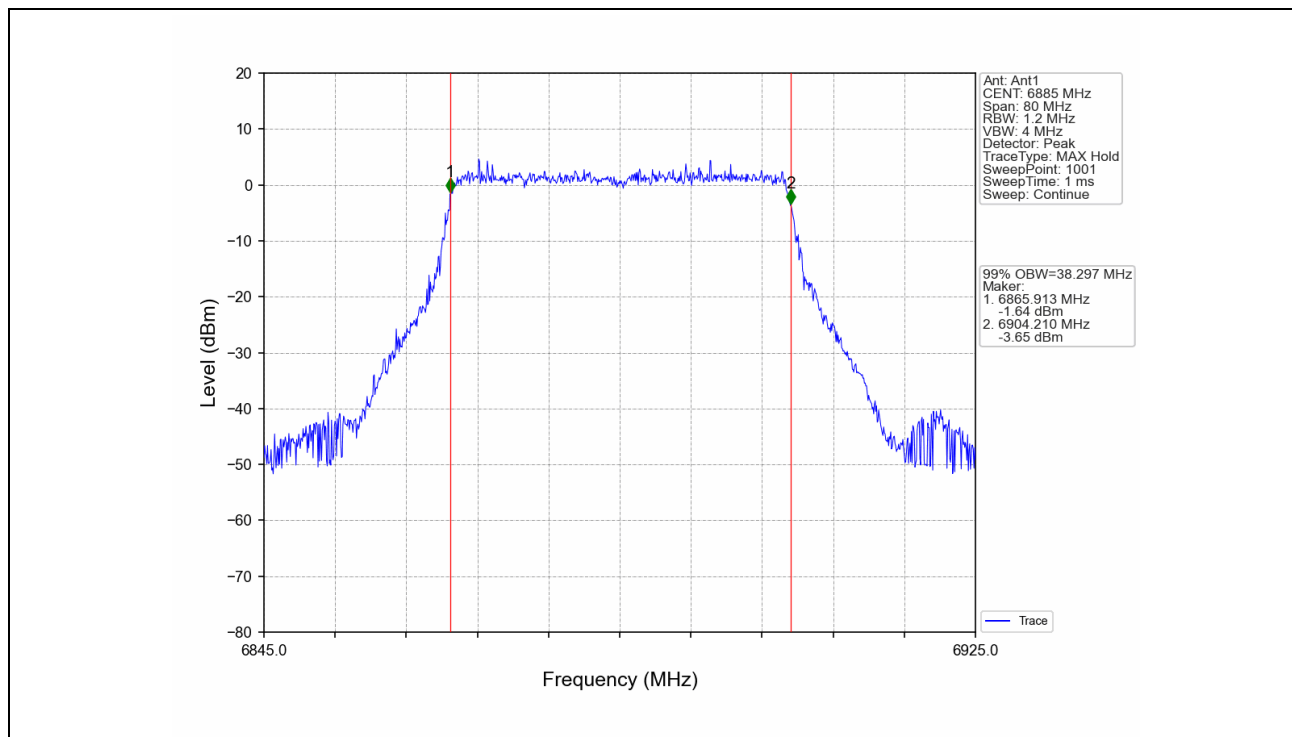
2.1 OBW

2.1.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	RU242	Left	1	19.463	<=320	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	1	38.297	<=320	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	1	76.894	<=320	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	1	154.663	<=320	Pass

2.1.2 Test Graph





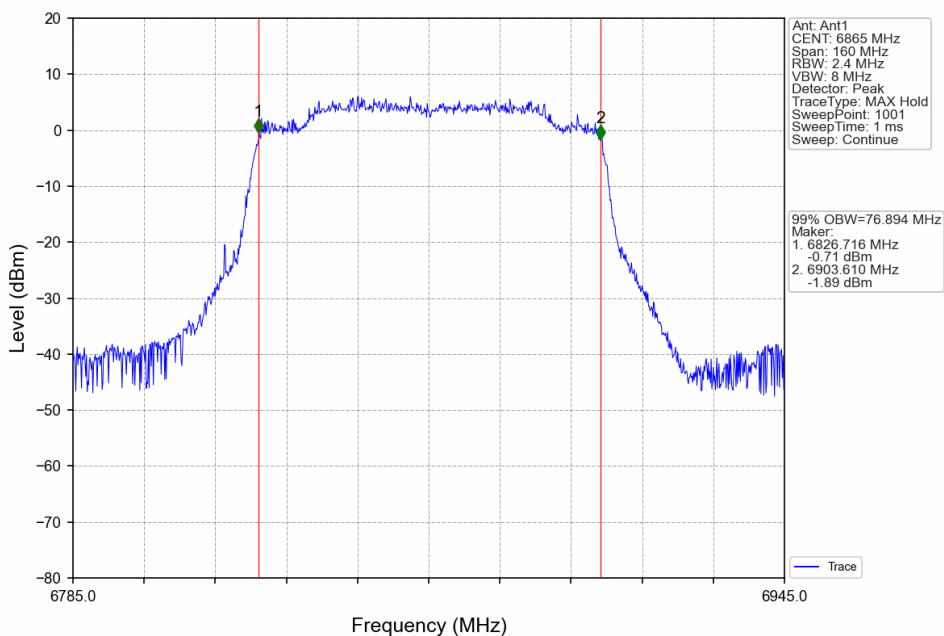
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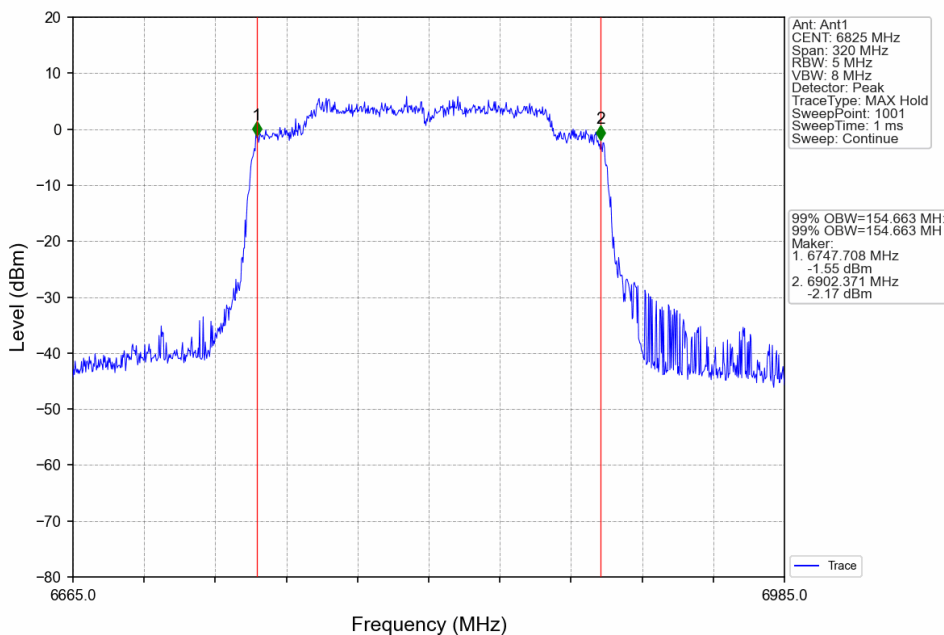
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802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231200414603

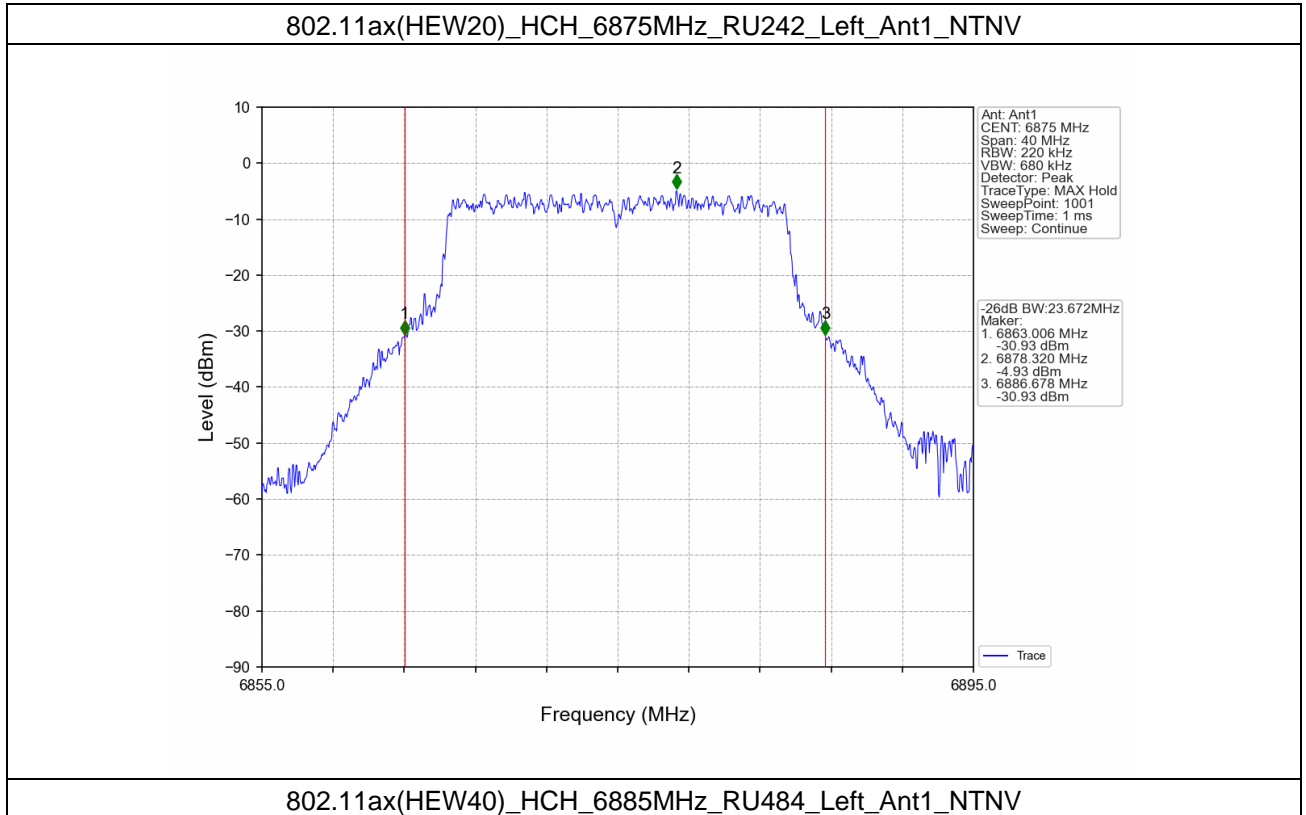
Page: 939 of 1021

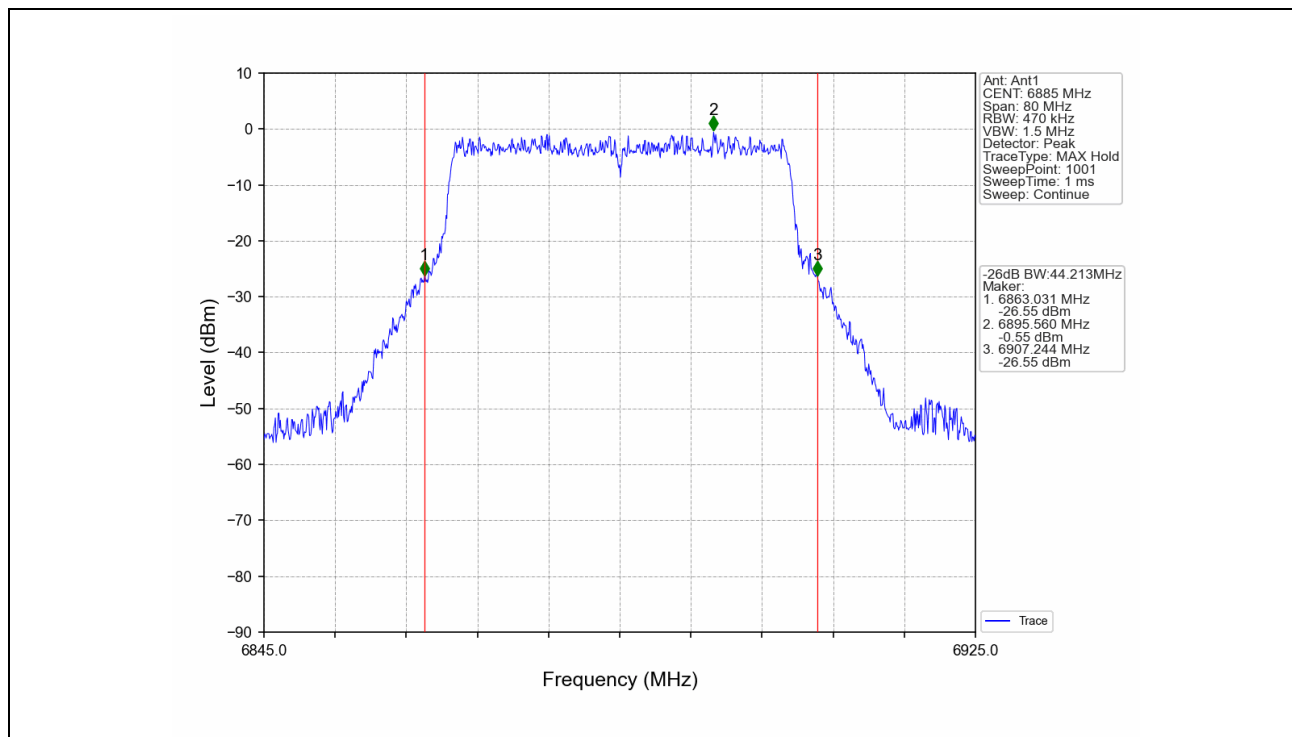
2.2 26dB BW

2.2.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	RU242	Left	1	23.672	<=320	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	1	44.213	<=320	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	1	81.733	<=320	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	1	163.891	<=320	Pass

2.2.2 Test Graph





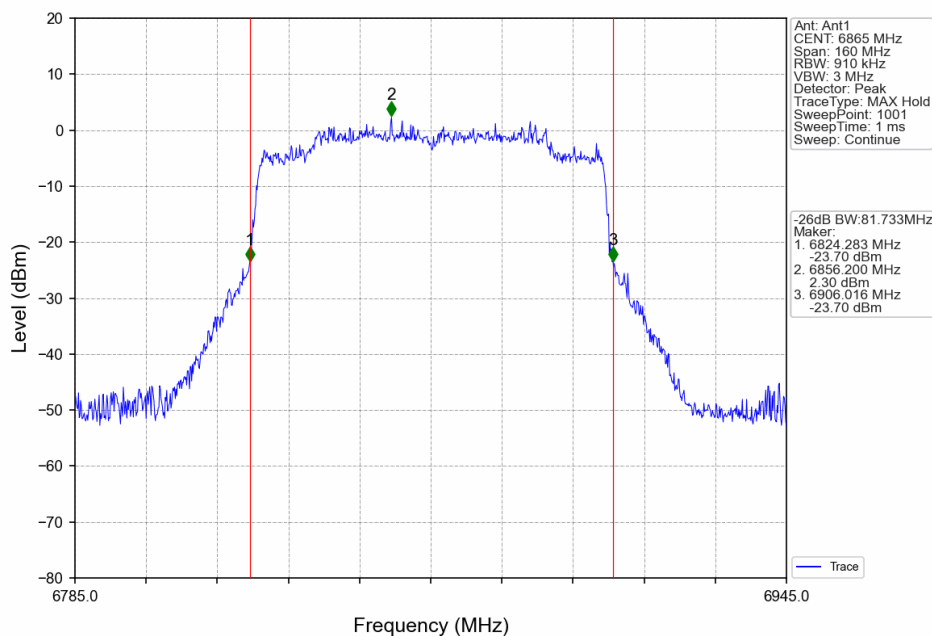
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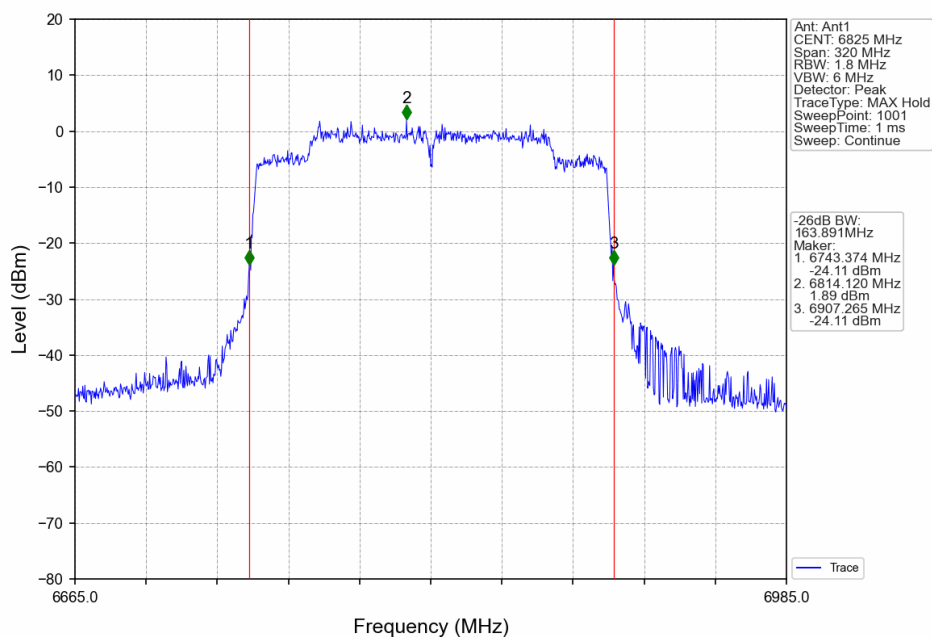
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802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231200414603

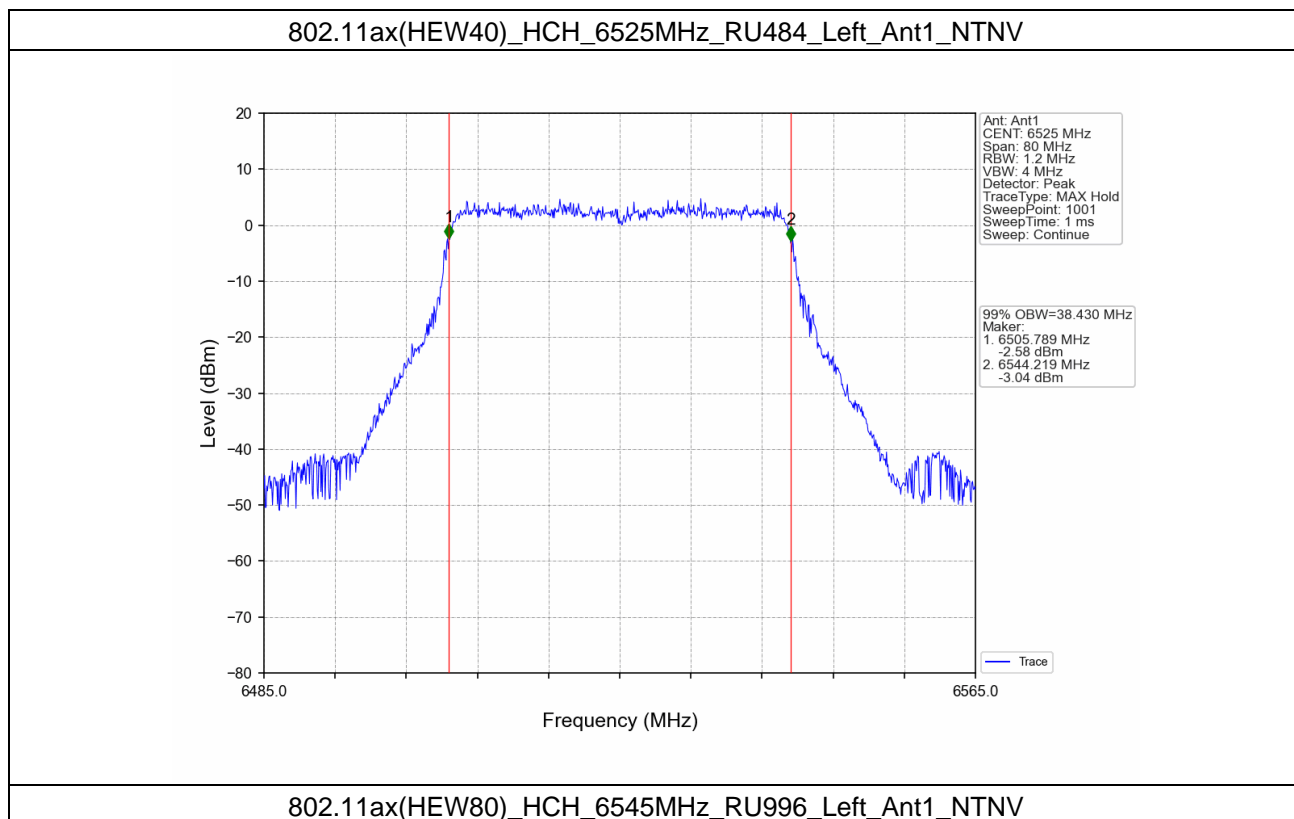
Page: 943 of 1021

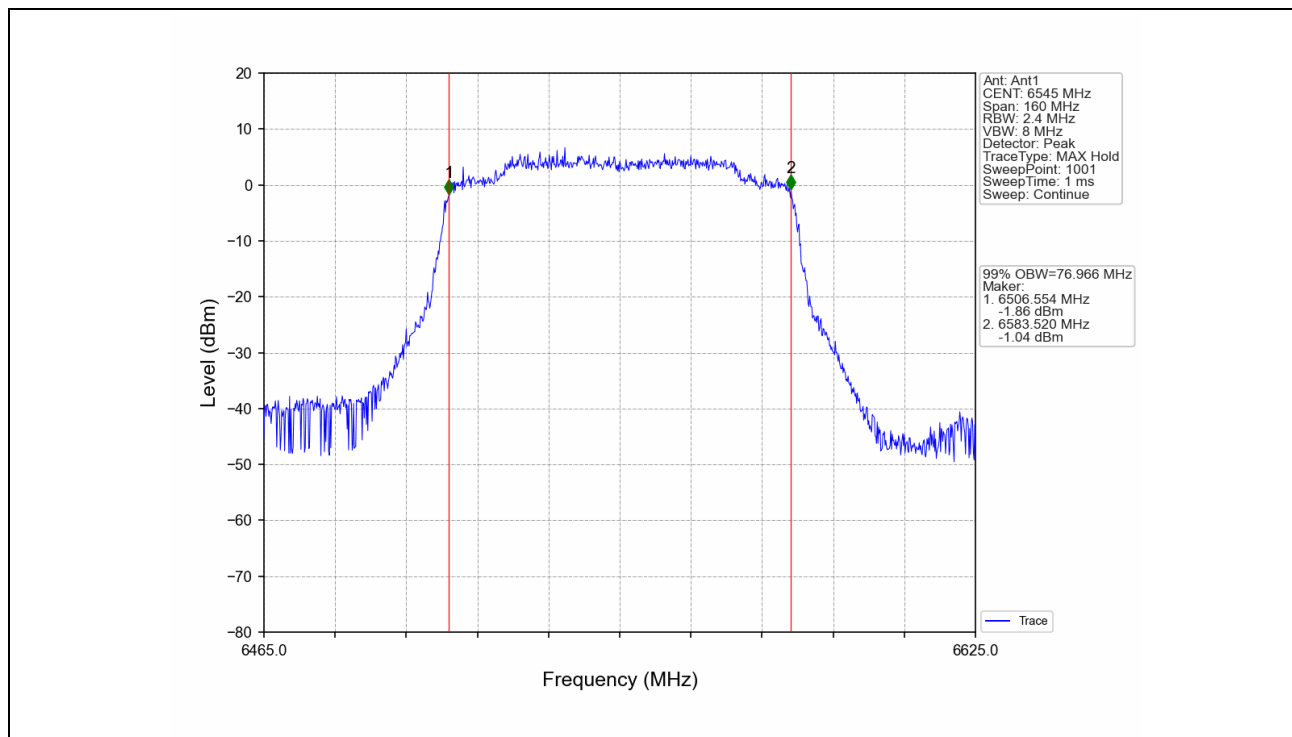
2.3 OBW

2.3.1 Test Result

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	1	38.430	<=320	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	1	76.966	<=320	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	1	153.981	<=320	Pass

2.3.2 Test Graph

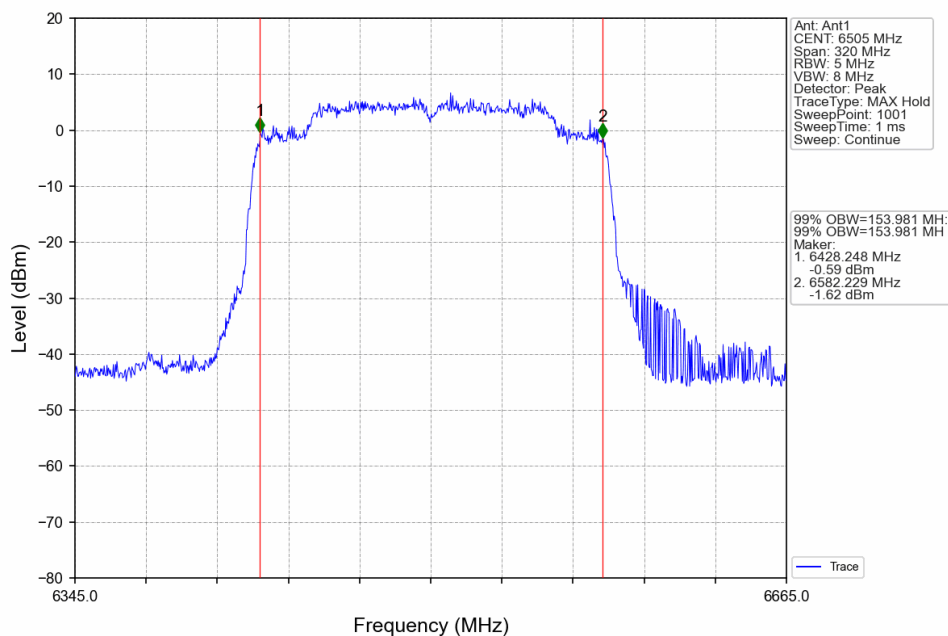




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802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



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2.4 26dB BW

2.4.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11ax (HEW40)	MIMO	6525	RU484	Left	1	45.314	<=320	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	1	82.356	<=320	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	1	163.245	<=320	Pass

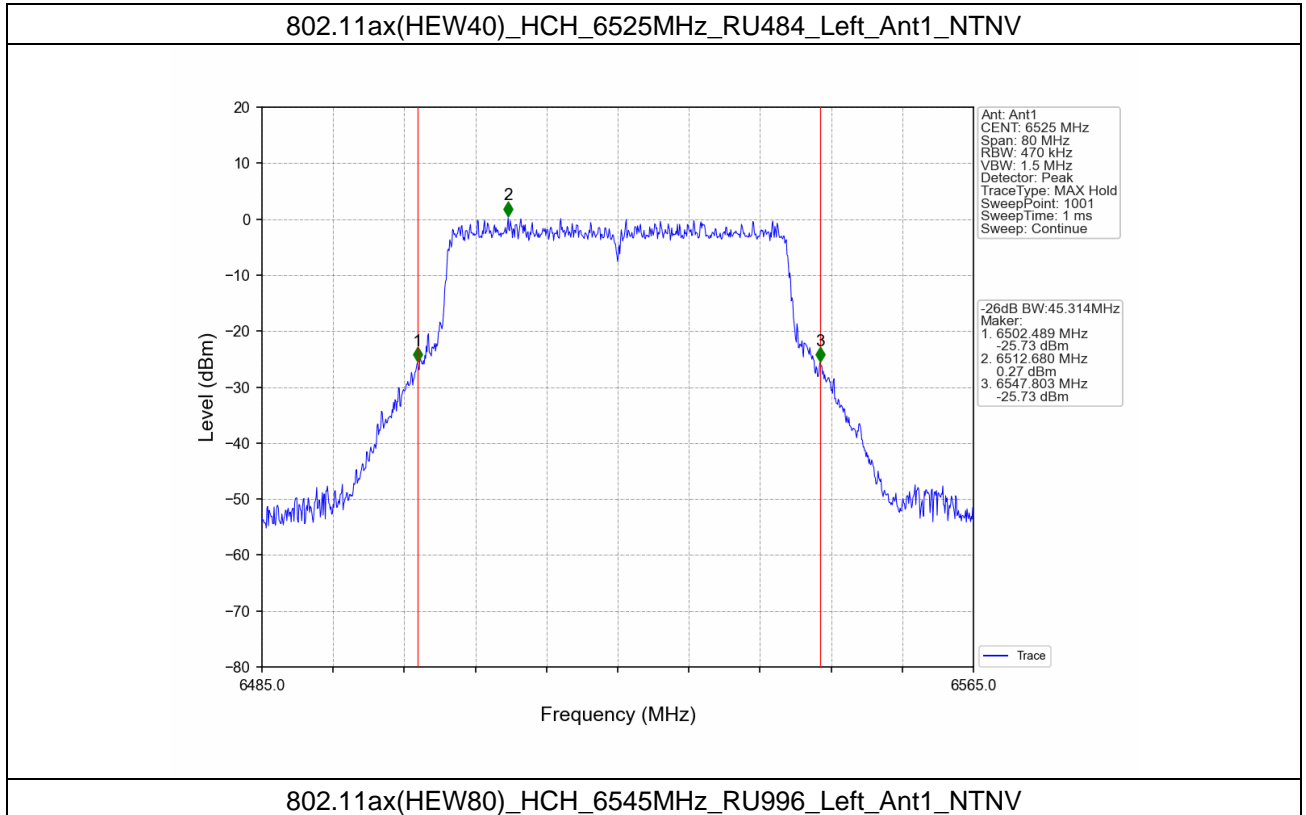


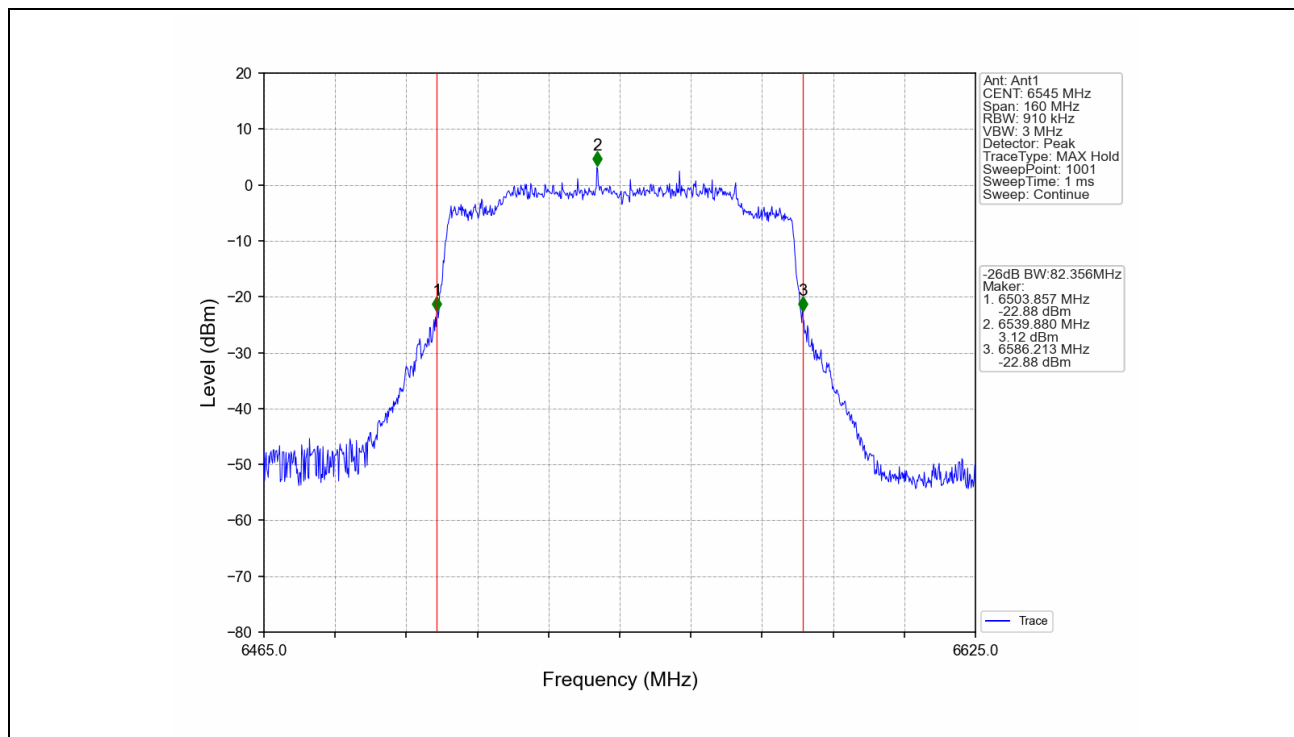
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2.4.2 Test Graph

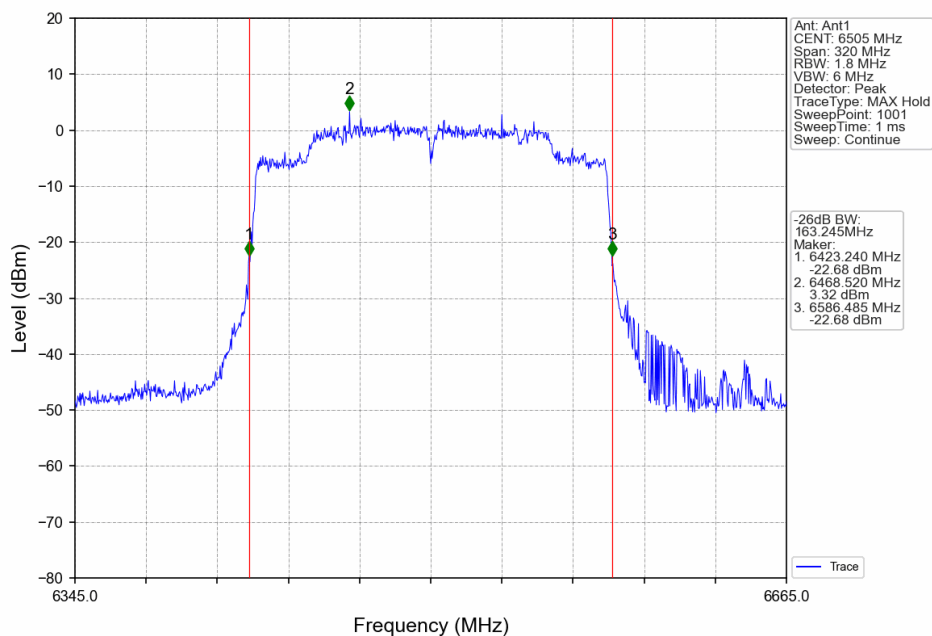




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802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



3. Maximum Conducted Output Power

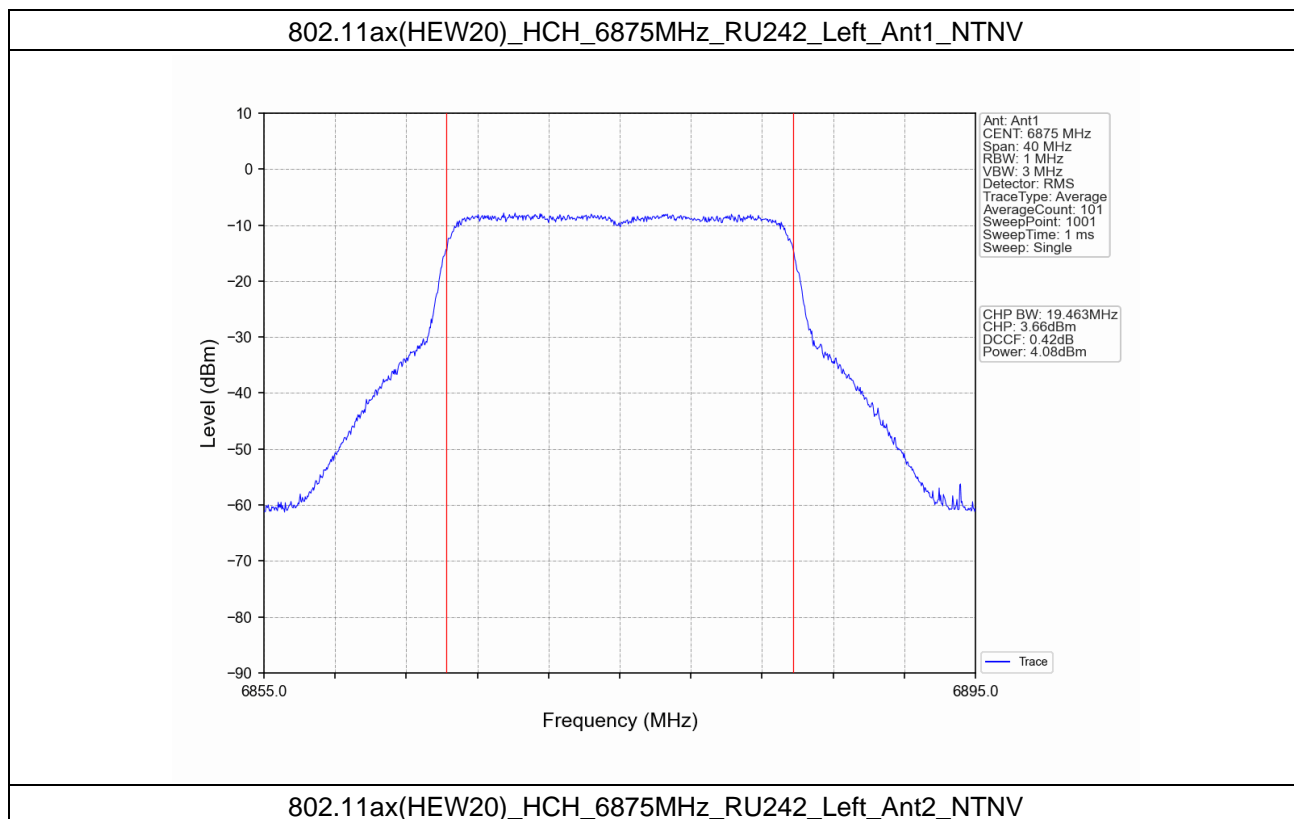
3.1 Power

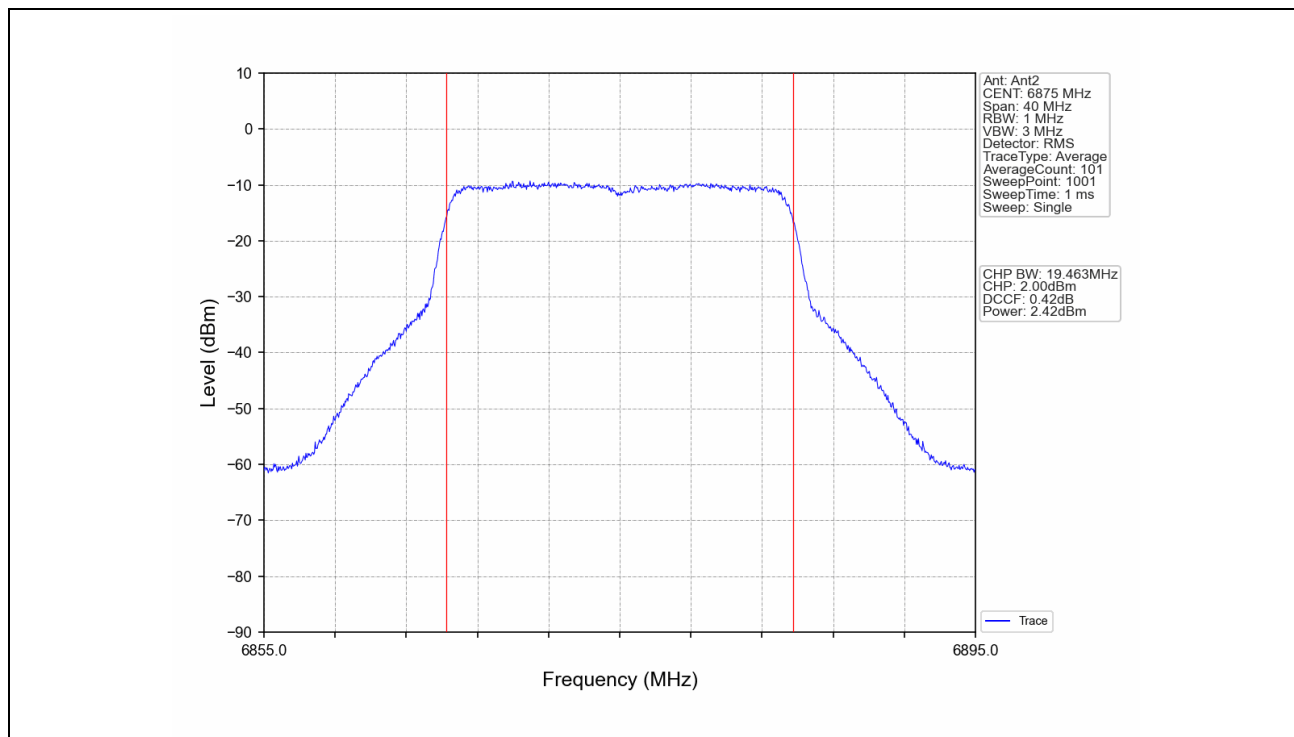
3.1.1 Test Result

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	RU242	Left	4.08	2.42	6.34	/	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	6.20	4.69	8.52	/	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	8.86	7.32	11.17	/	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	8.94	7.45	11.27	/	Pass



3.1.2 Test Graph

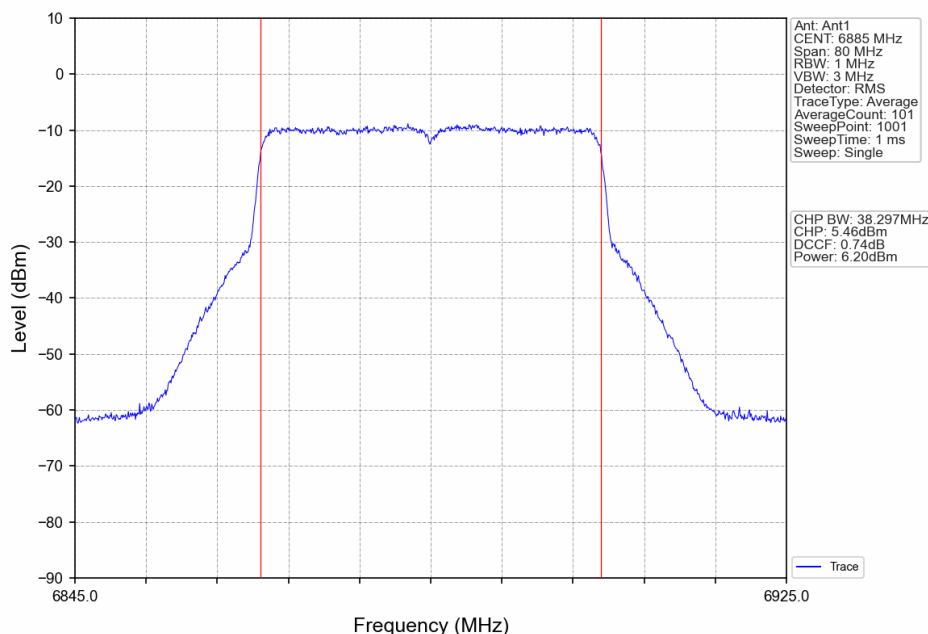




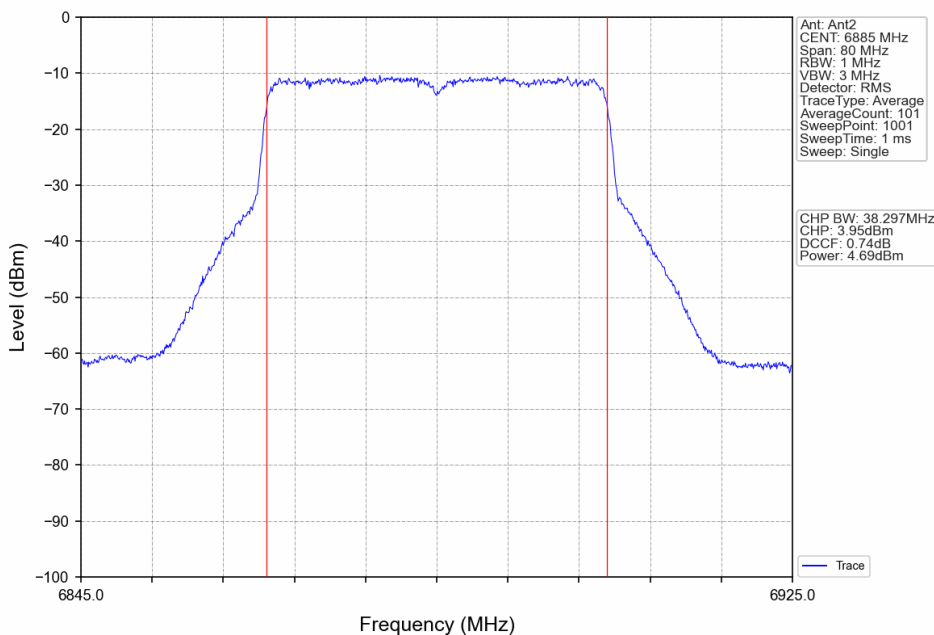
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802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant1_NTNV



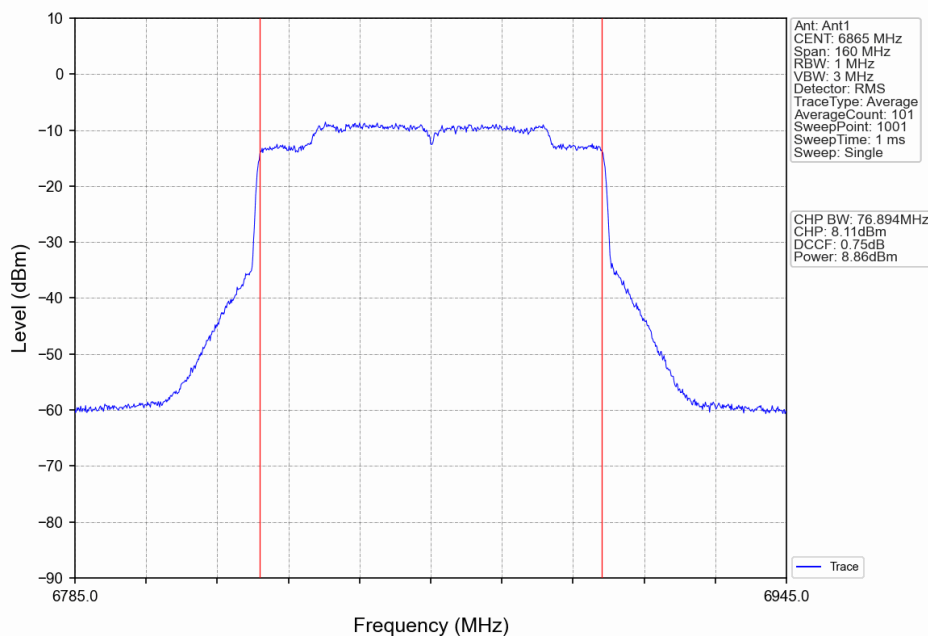
802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant2_NTNV



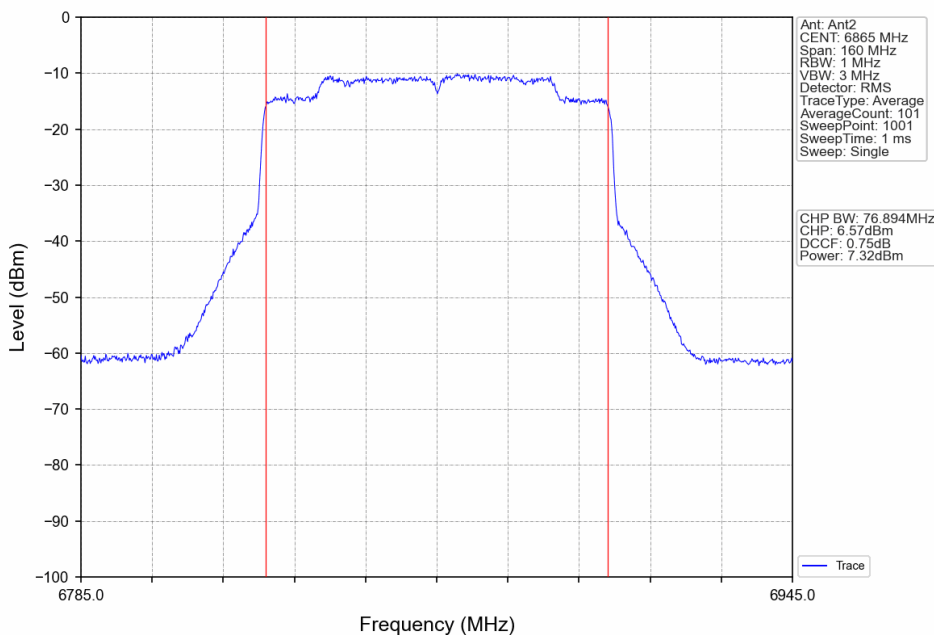
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802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant2_NTNV



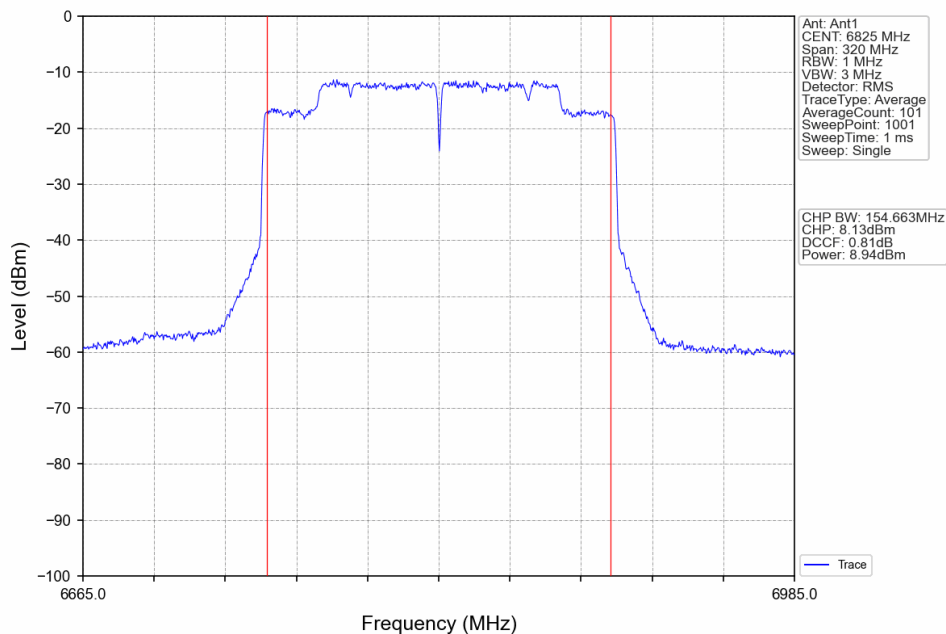
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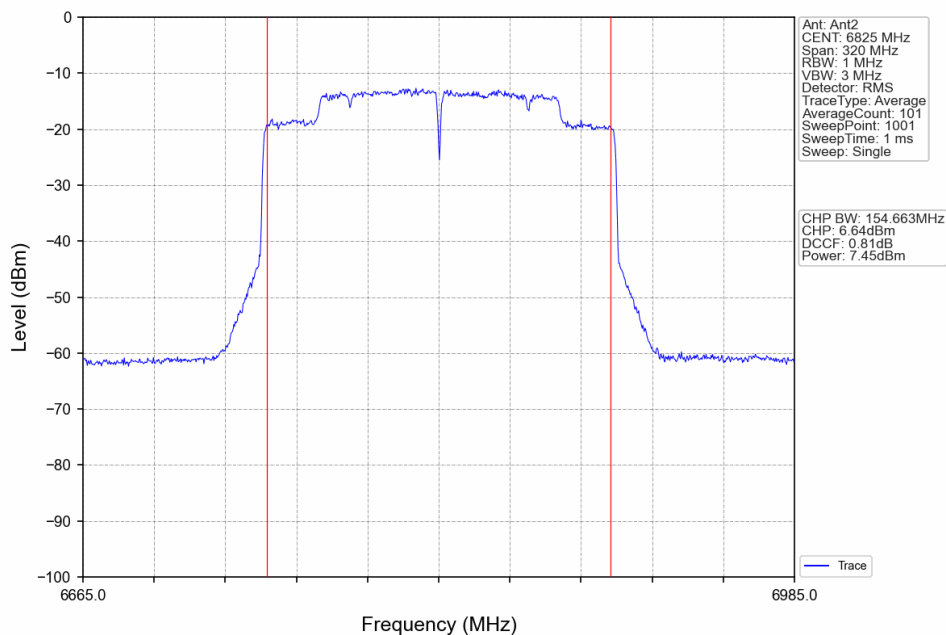
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802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant2_NTNV



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3.2 EIRP

3.2.1 Test Result

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	RU242	Left	7.34	6.66	10.02	24	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	9.46	8.93	12.21	24	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	12.12	11.56	14.86	24	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	12.20	11.69	14.96	24	Pass



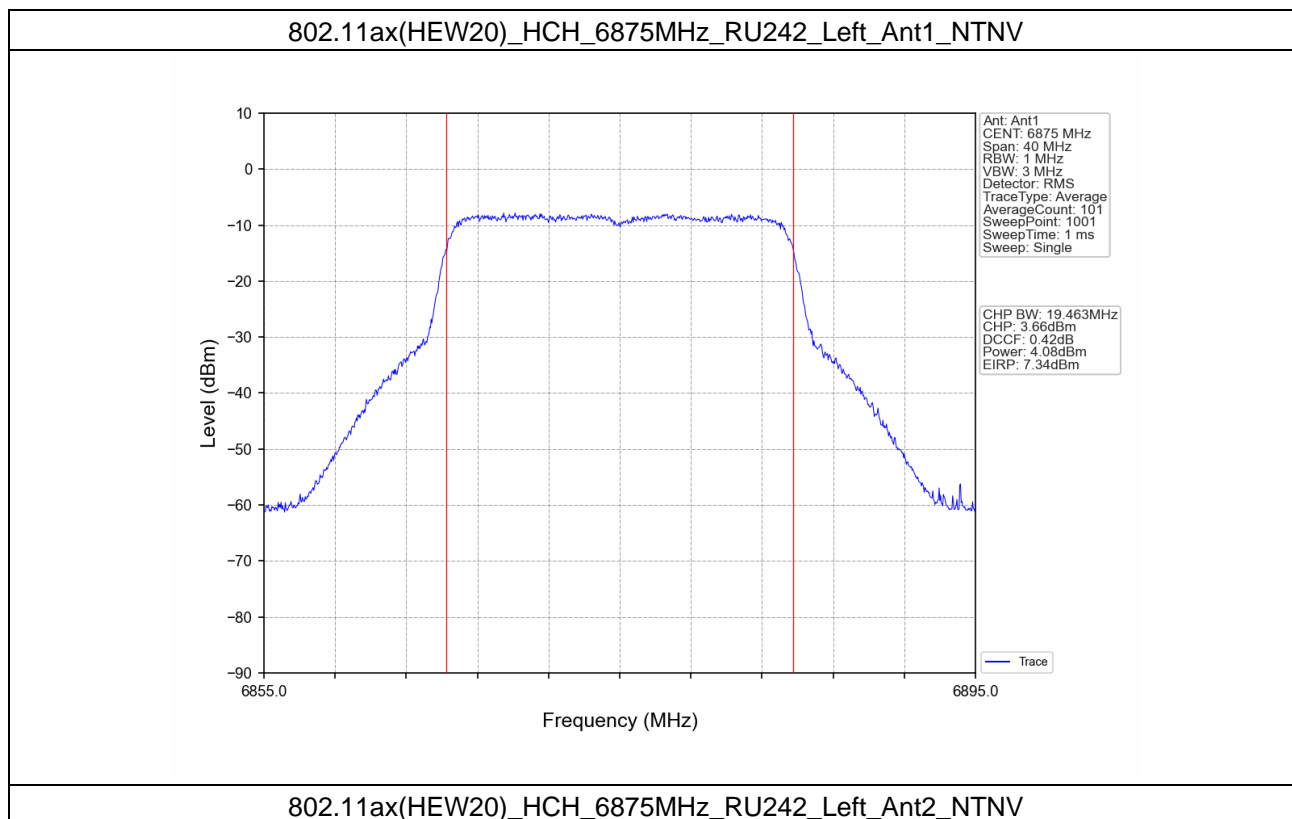
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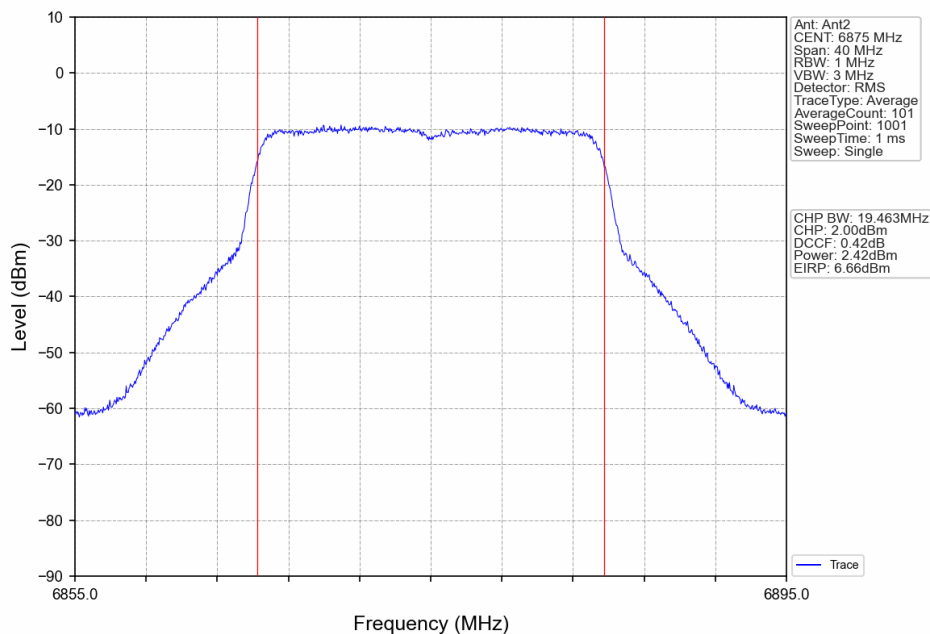
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3.2.2 Test Graph

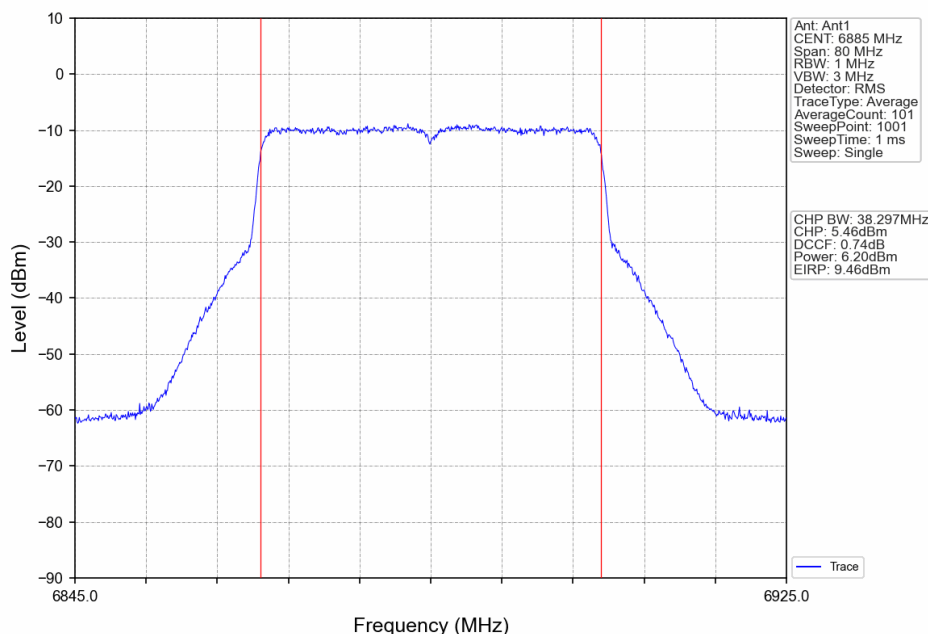




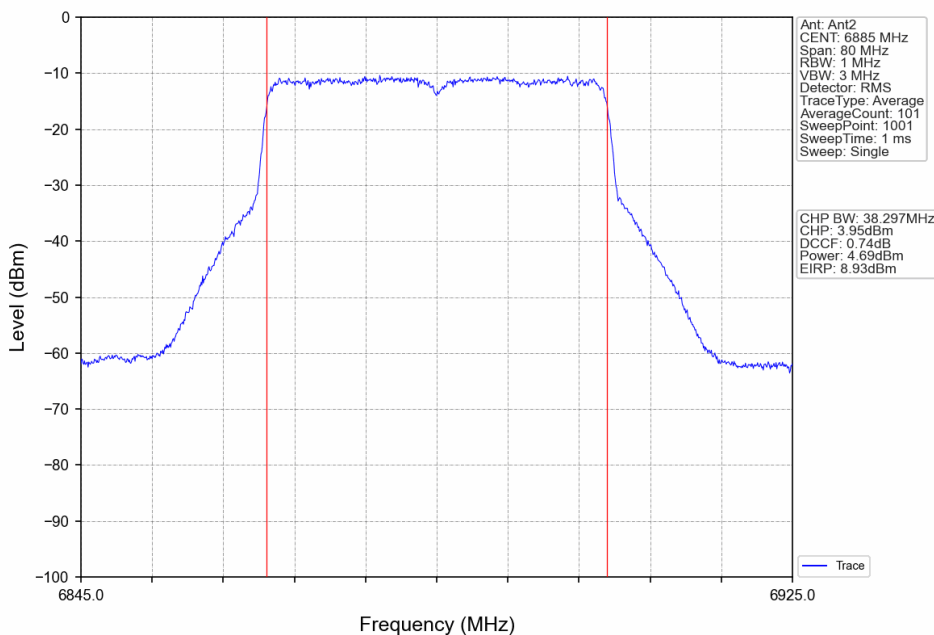
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802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant2_NTNV



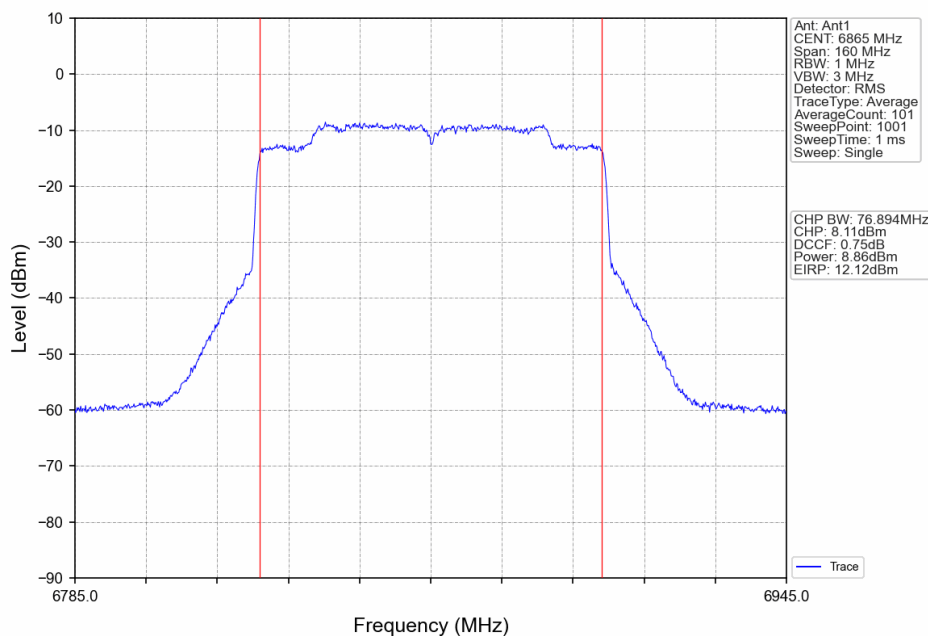
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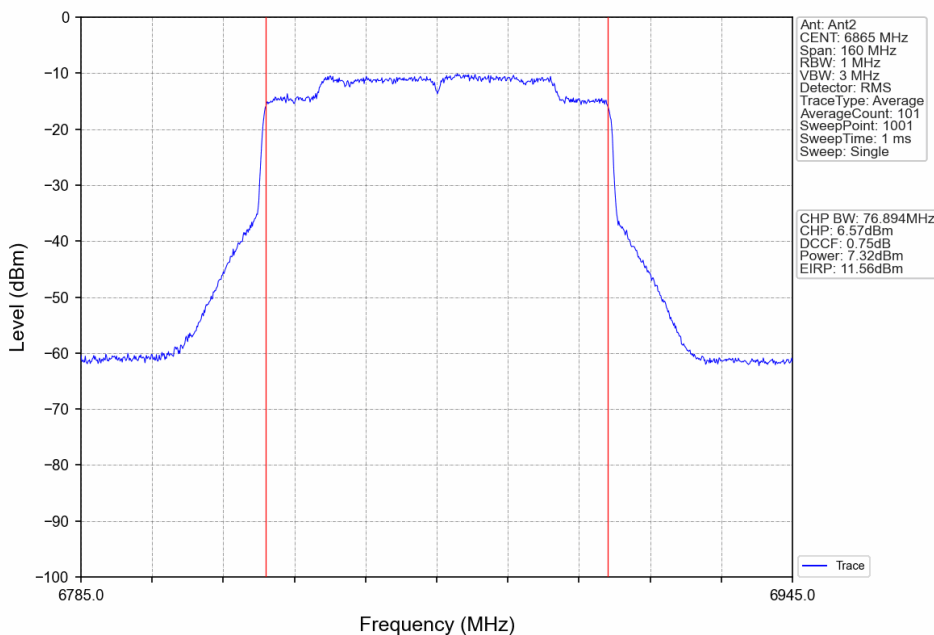
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802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant2_NTNV



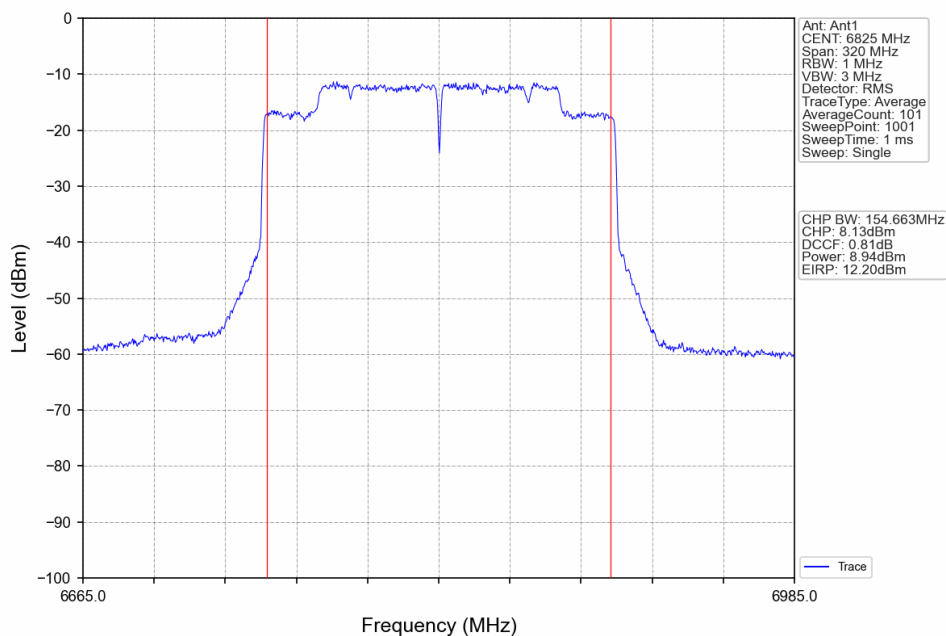
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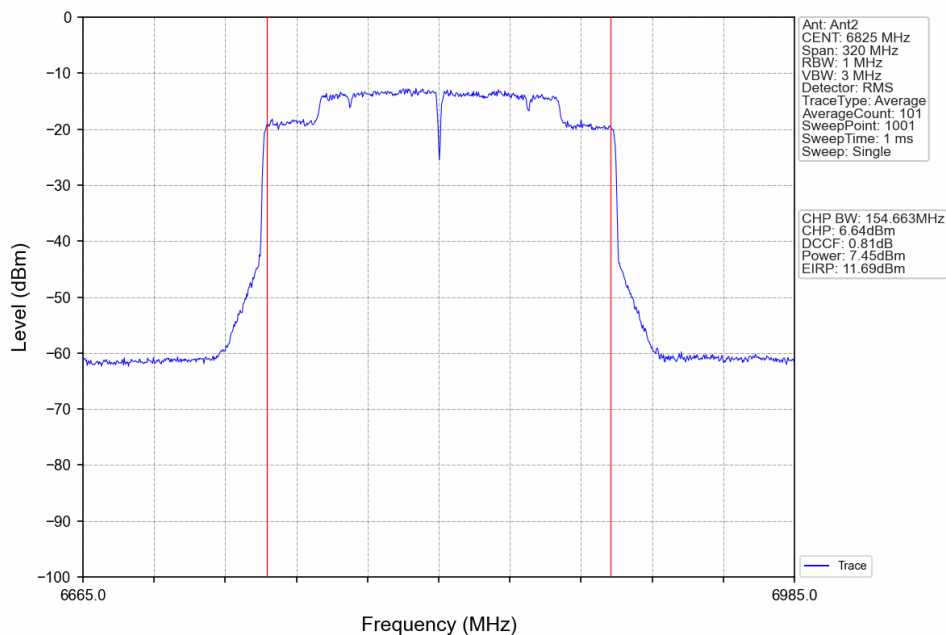
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802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant2_NTNV



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231200414603

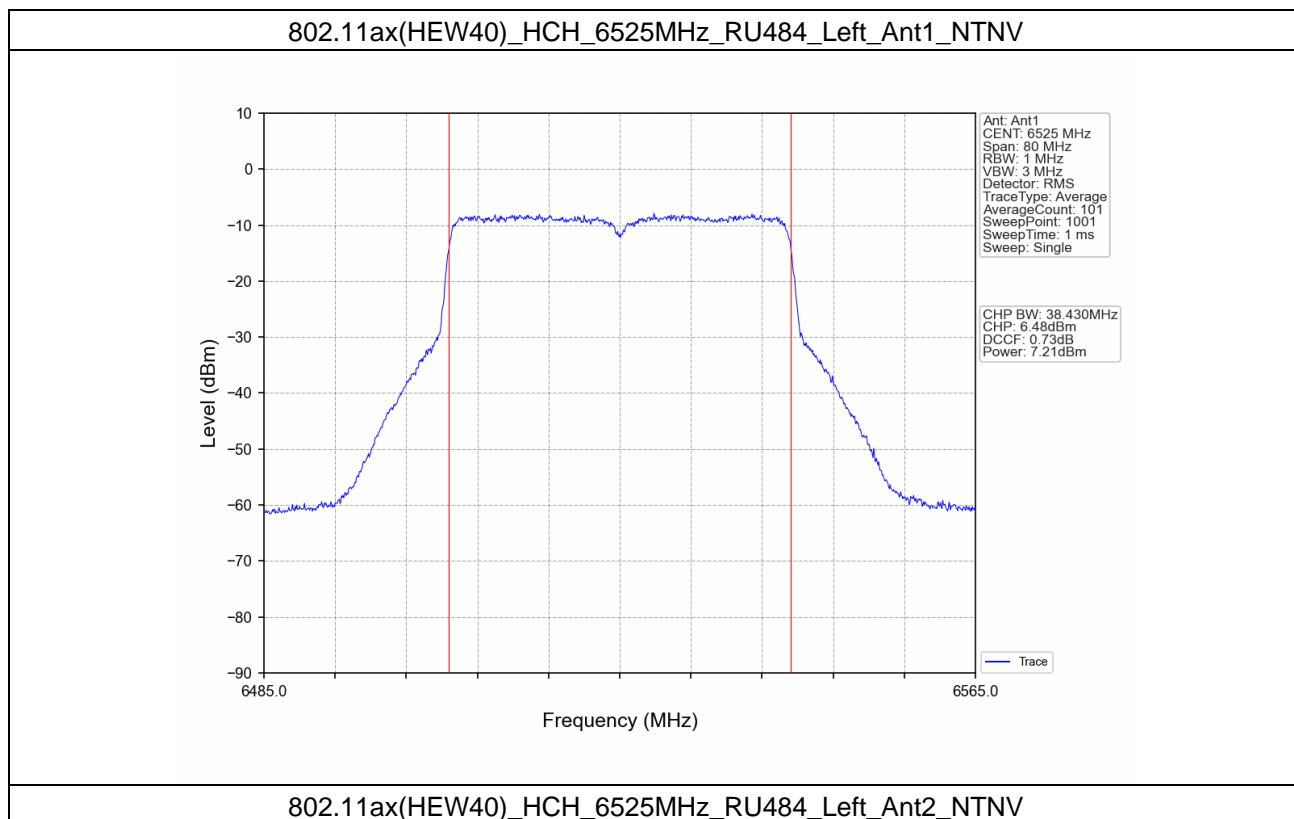
Page: 963 of 1021

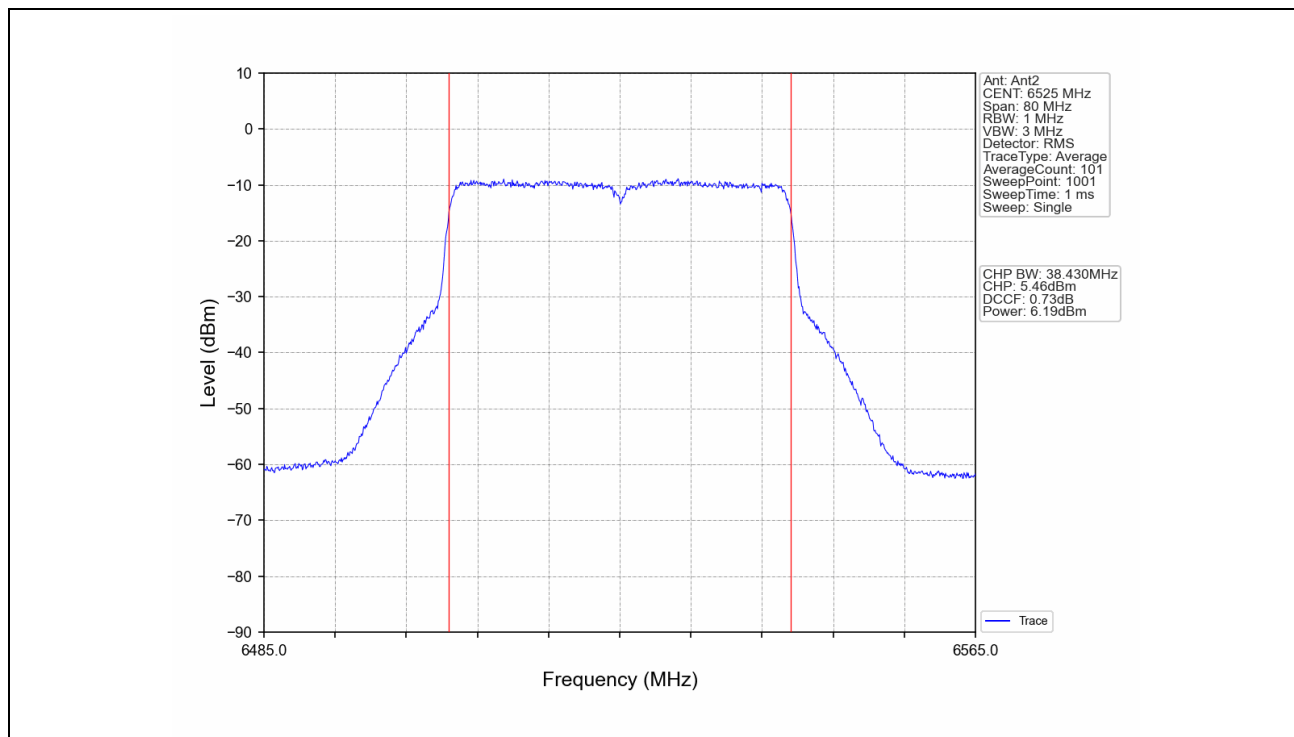
3.3 Power

3.3.1 Test Result

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	RU484	Left	7.21	6.19	9.74	/	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	8.76	7.75	11.29	/	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	9.21	8.31	11.79	/	Pass

3.3.2 Test Graph

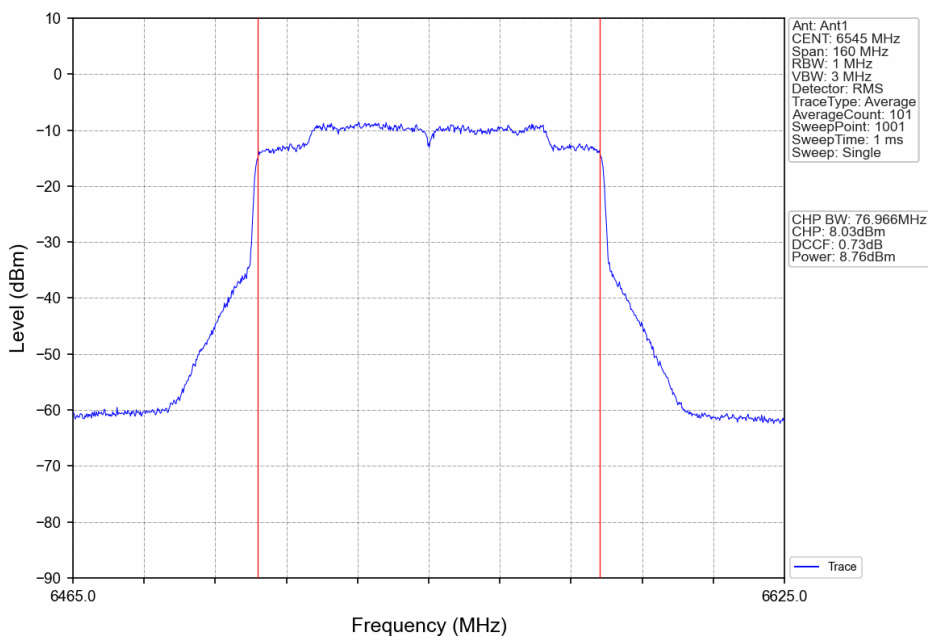




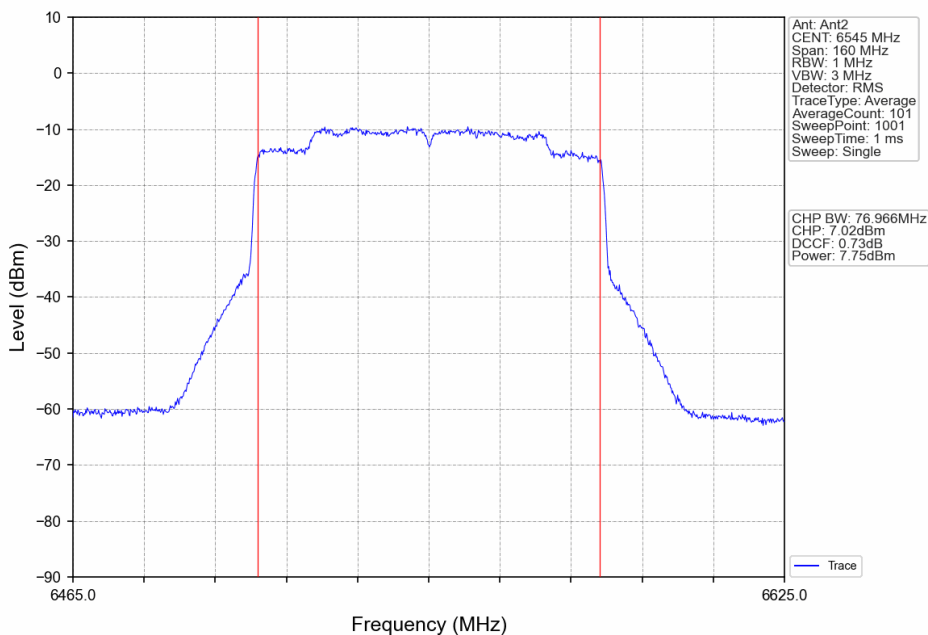
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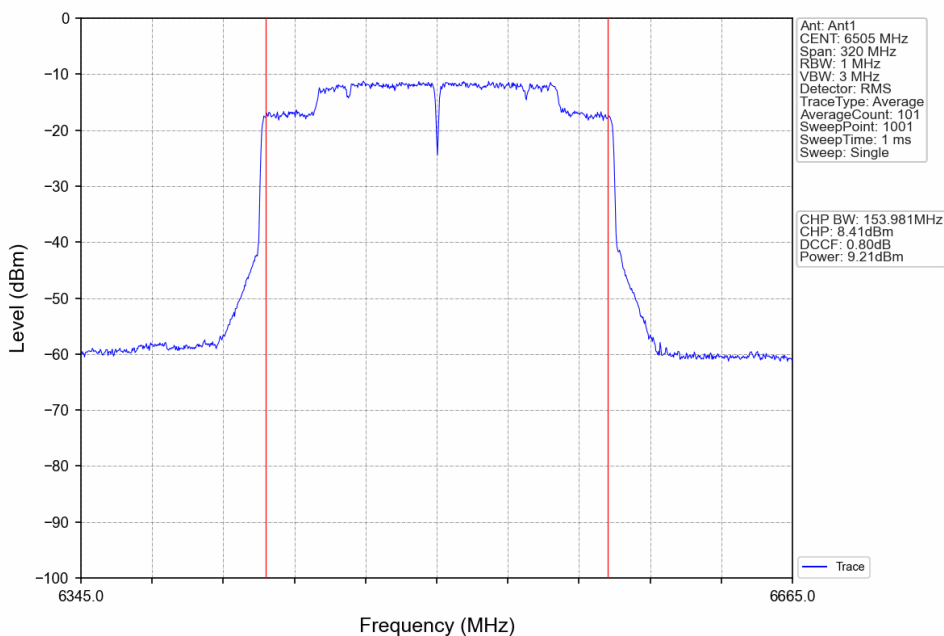
802.11ax(HEW80)_HCH_6545MHz_RU996_Left_Ant1_NTNV



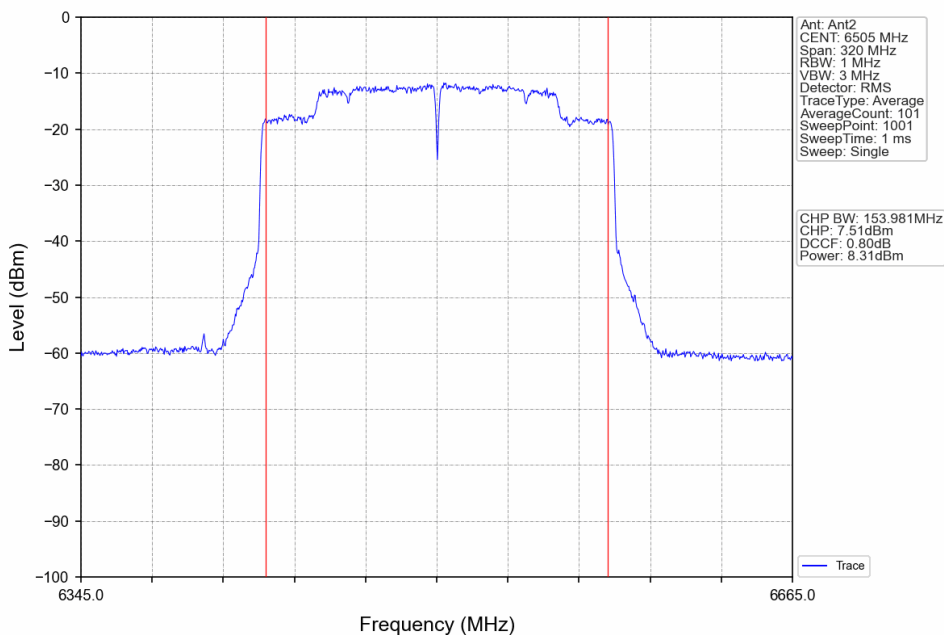
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802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant2_NTNV



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR231200414603

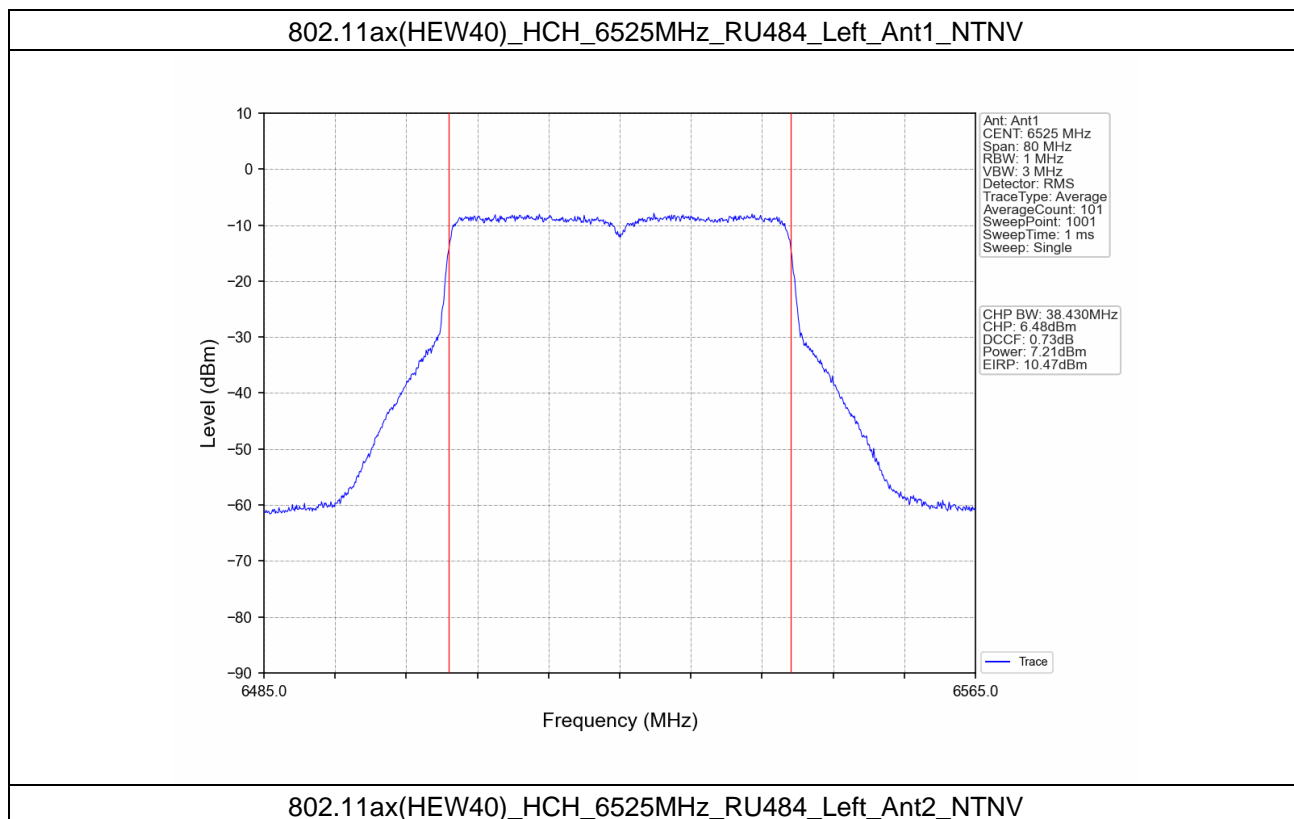
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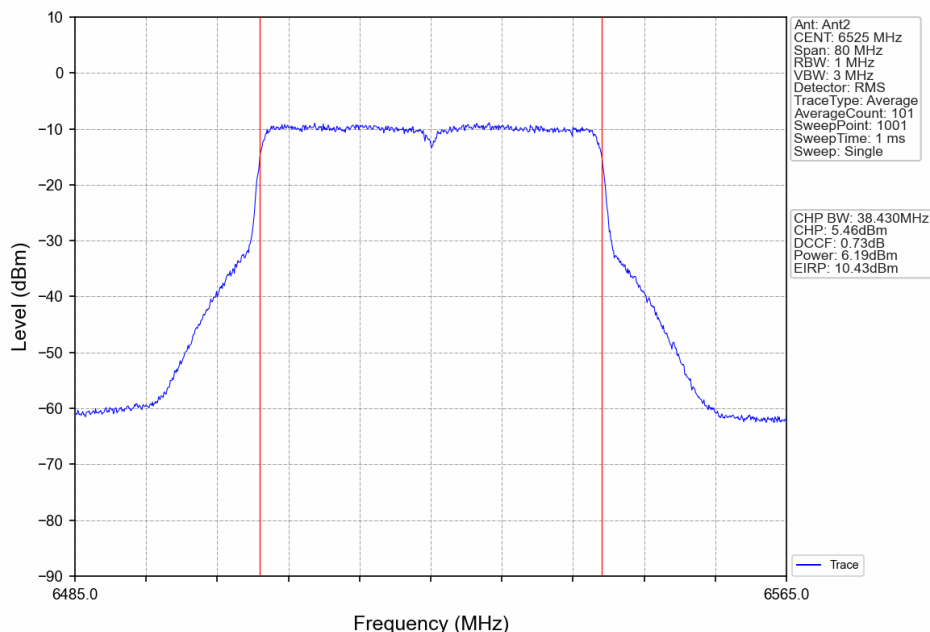
3.4 EIRP

3.4.1 Test Result

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	RU484	Left	10.47	10.43	13.46	24	Pass
	802.11ax (HEW80)	MIMO	6545	RU996	Left	12.02	11.99	15.02	24	Pass
	802.11ax (HEW160)	MIMO	6505	2xRU996	Left	12.47	12.55	15.52	24	Pass

3.4.2 Test Graph

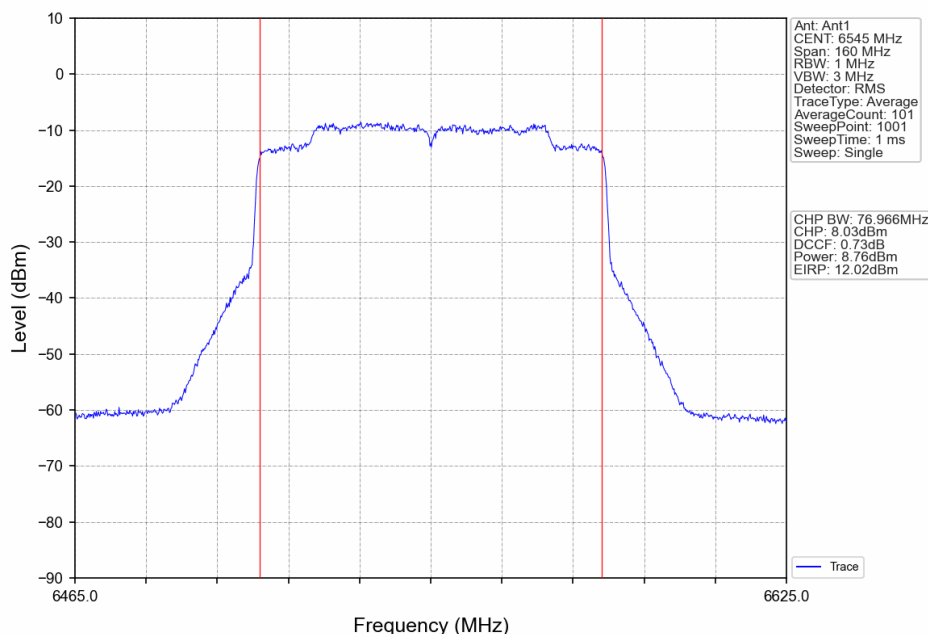




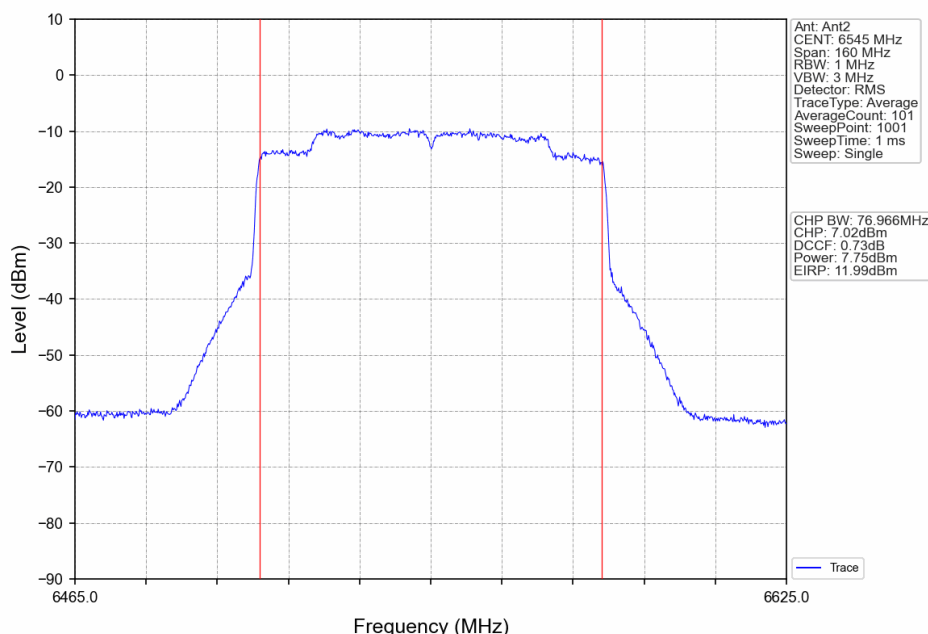
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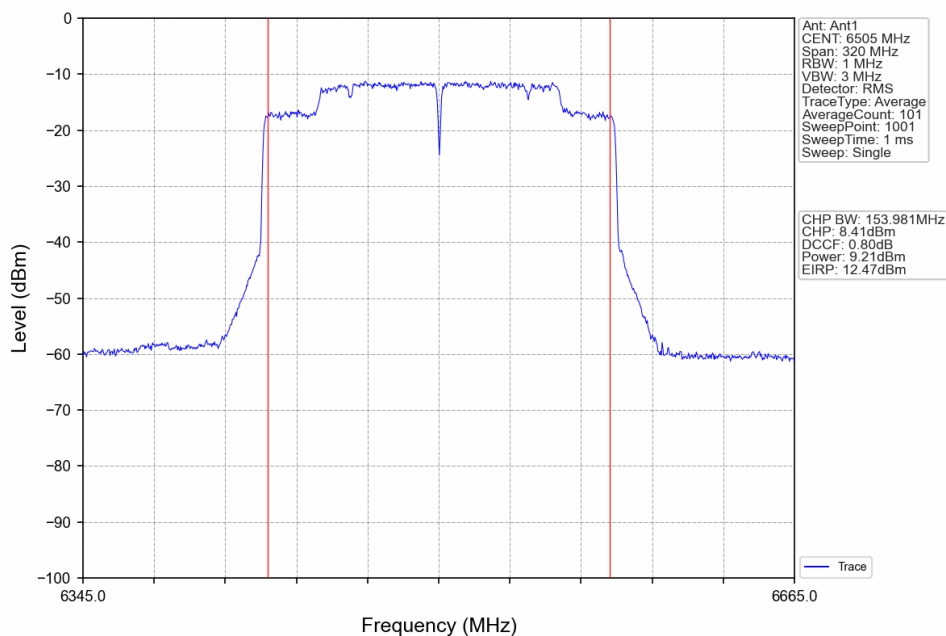
802.11ax(HEW80)_HCH_6545MHz_RU996_Left_Ant1_NTNV



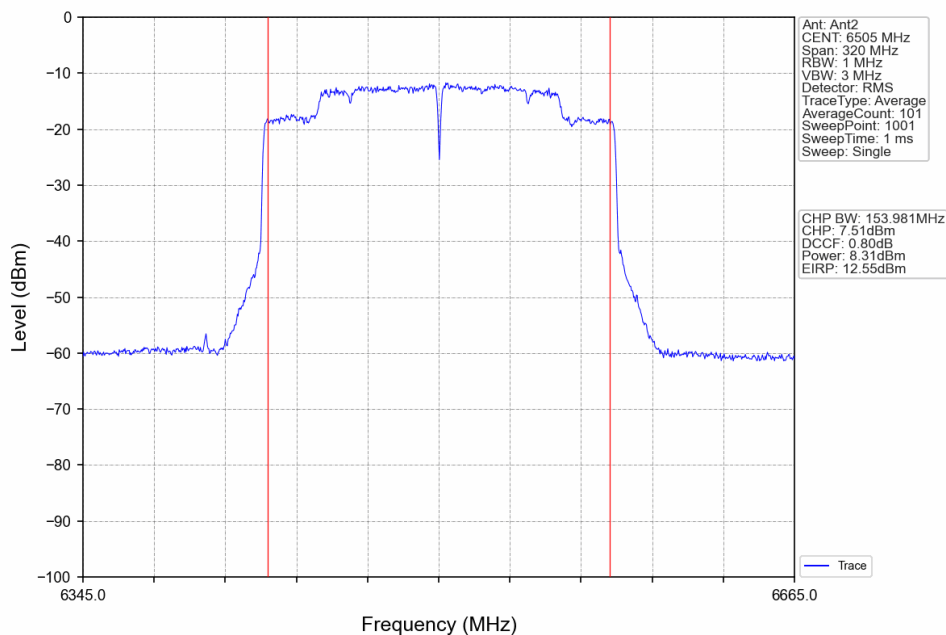
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802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6505MHz_2xRU996_Left_Ant2_NTNV



4. Maximum Power Spectral Density

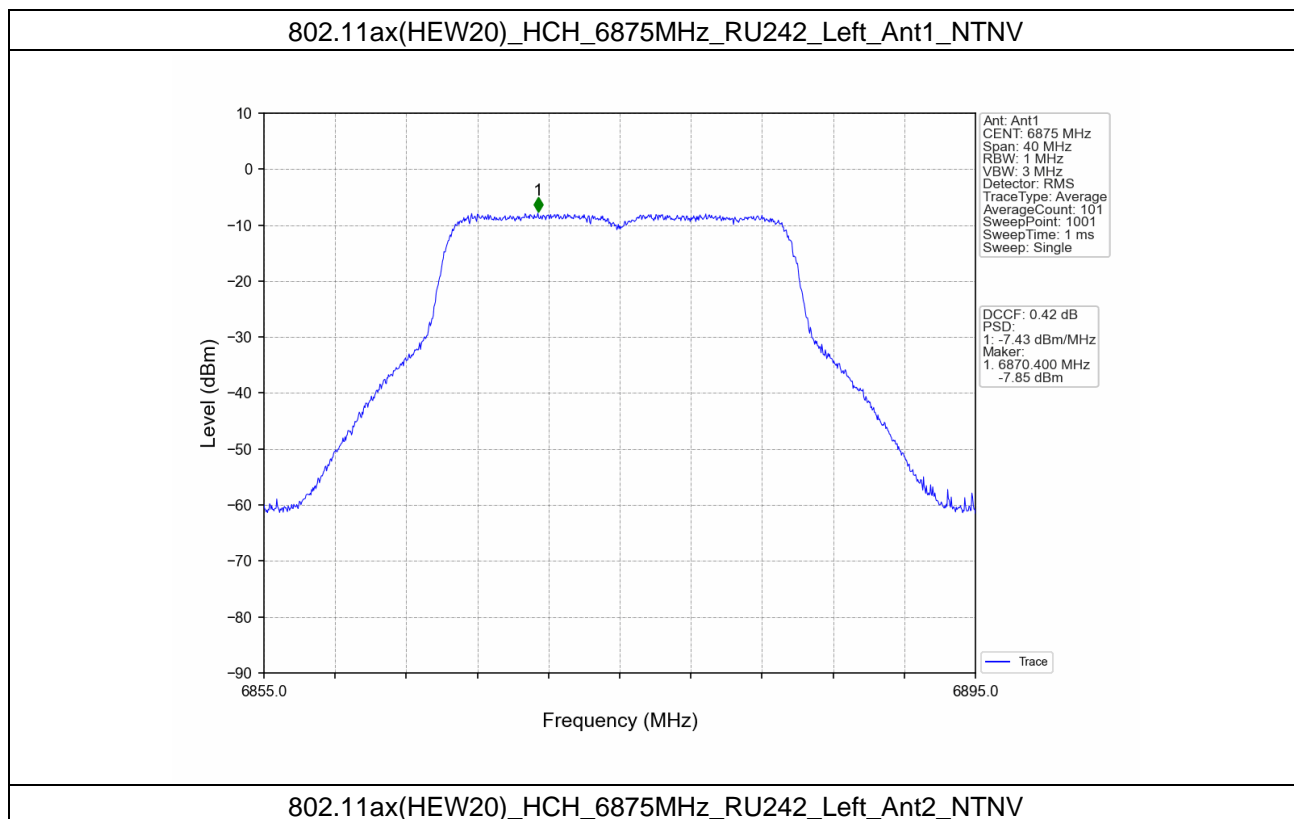
4.1 PSD

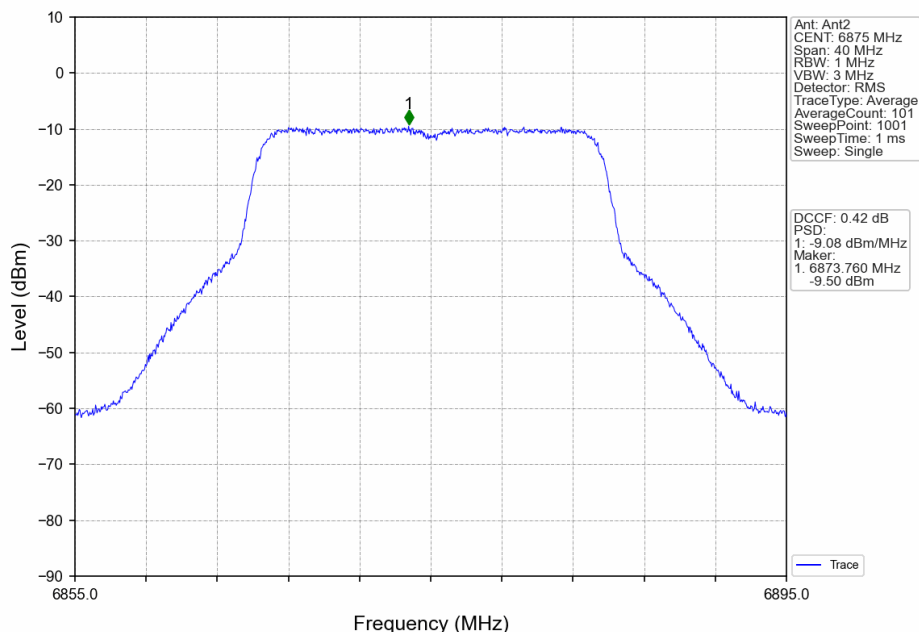
4.1.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	RU242	Left	-7.43	-9.08	-5.40	/	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	-8.17	-9.68	-6.11	/	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	-7.61	-9.15	-5.86	/	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	-10.51	-11.79	-8.40	/	Pass



4.1.2 Test Graph

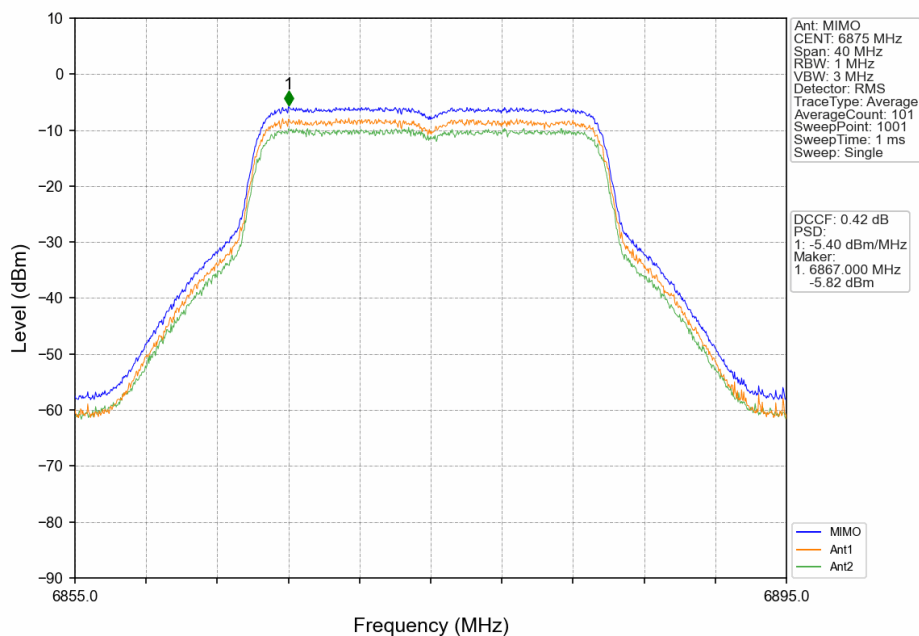




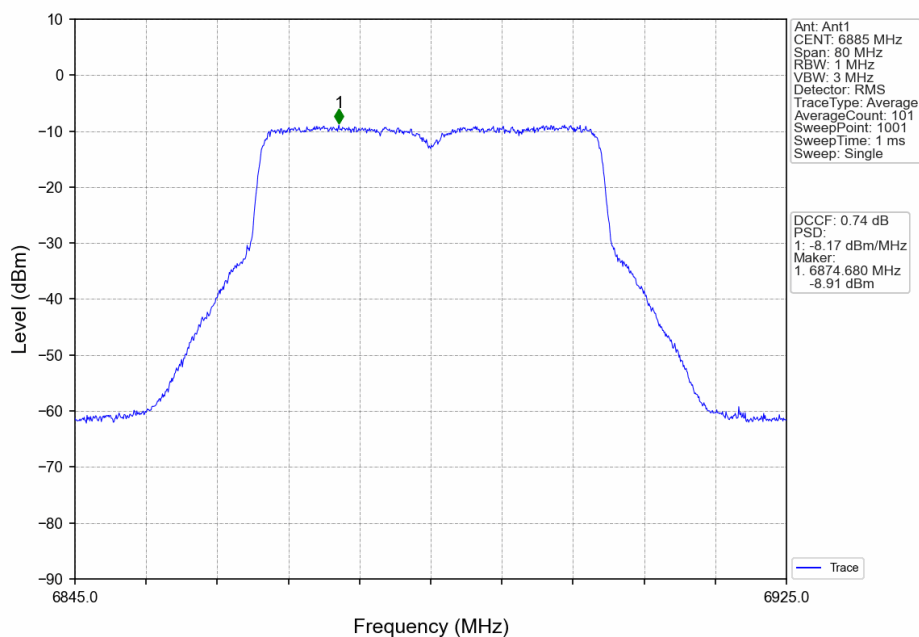
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802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant1_NTNV



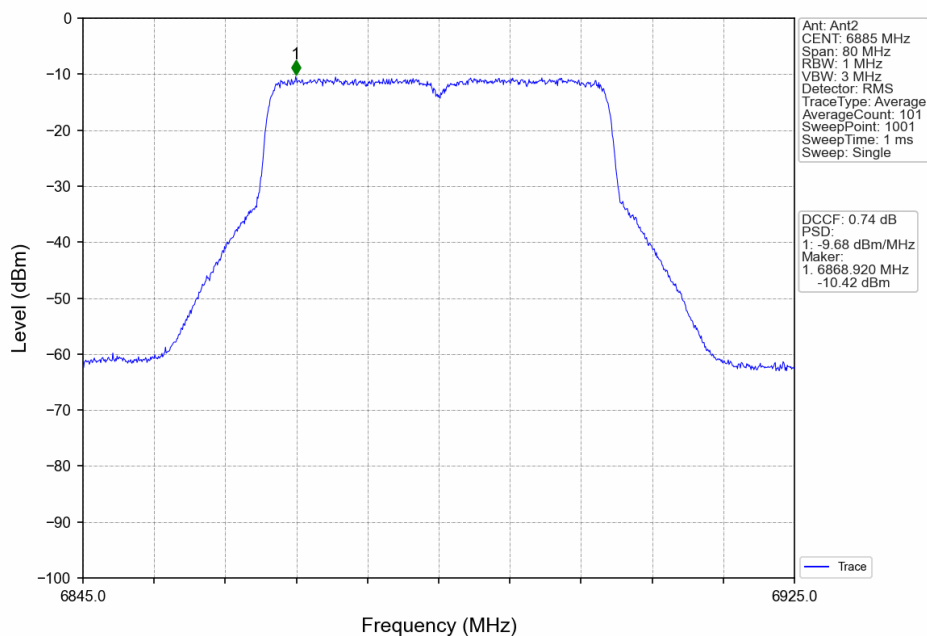
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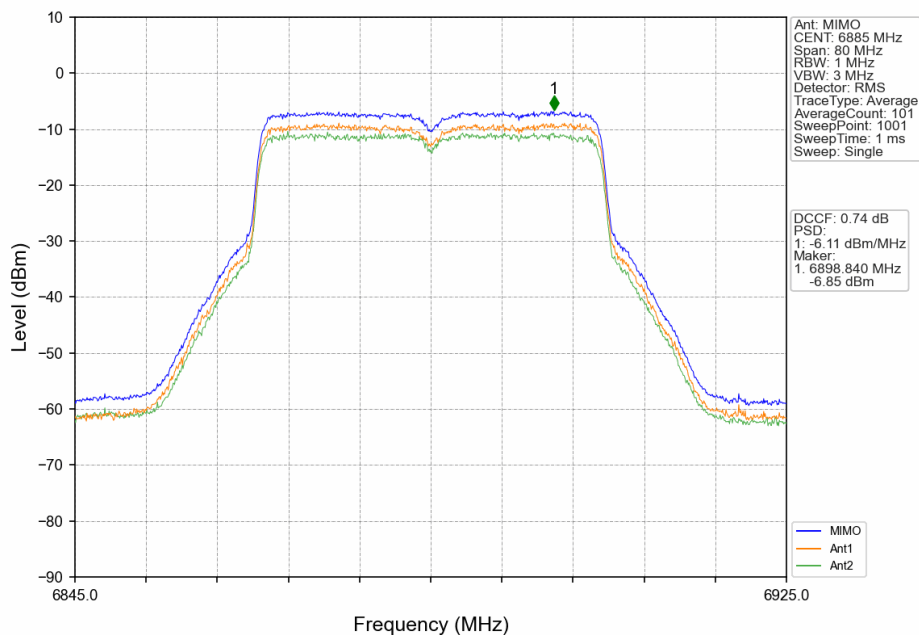
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802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant2_NTNV



802.11ax(HEW40)_HCH_6885MHz_RU484_Left_MIMO_NTNV



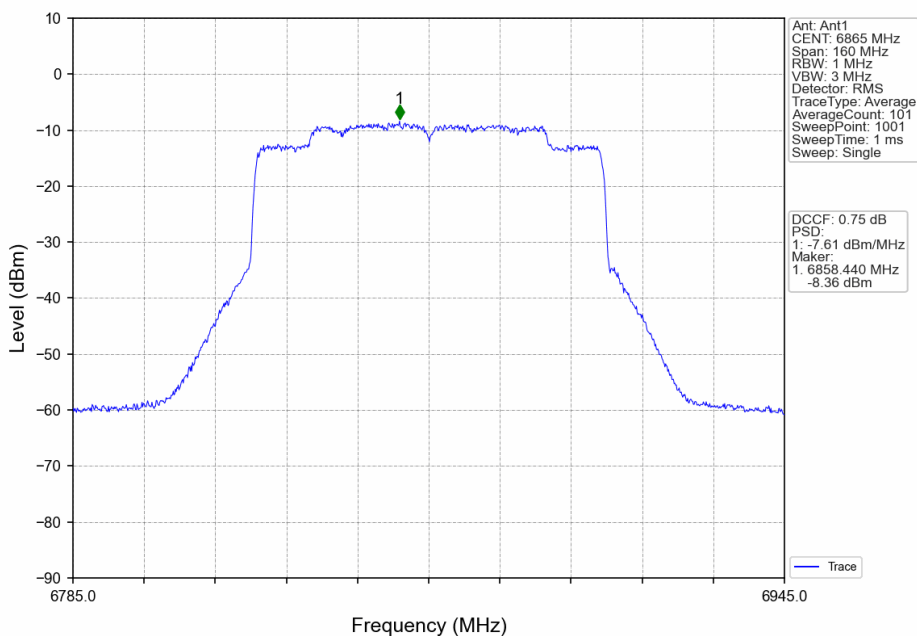
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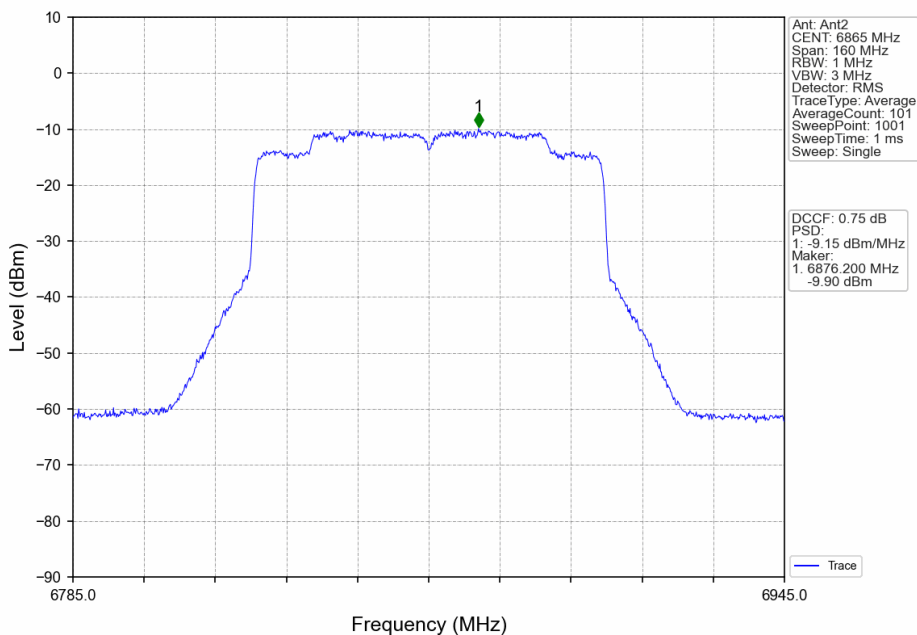
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802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant2_NTNV



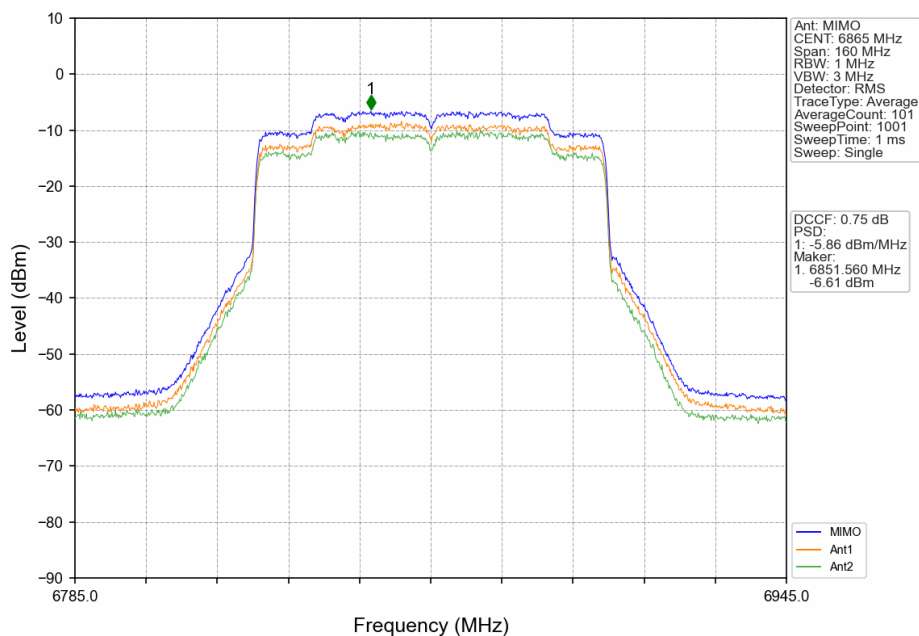
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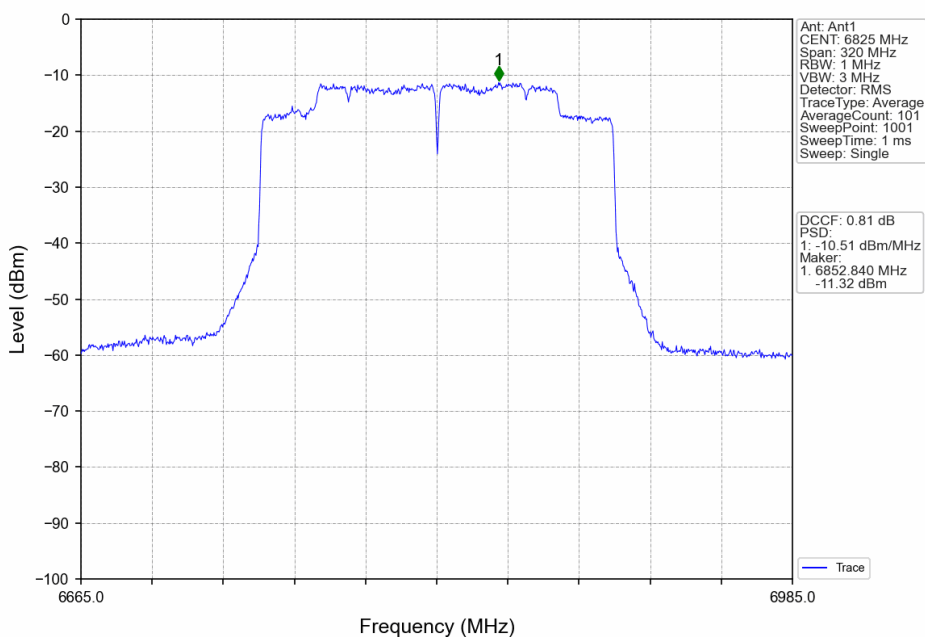
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802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



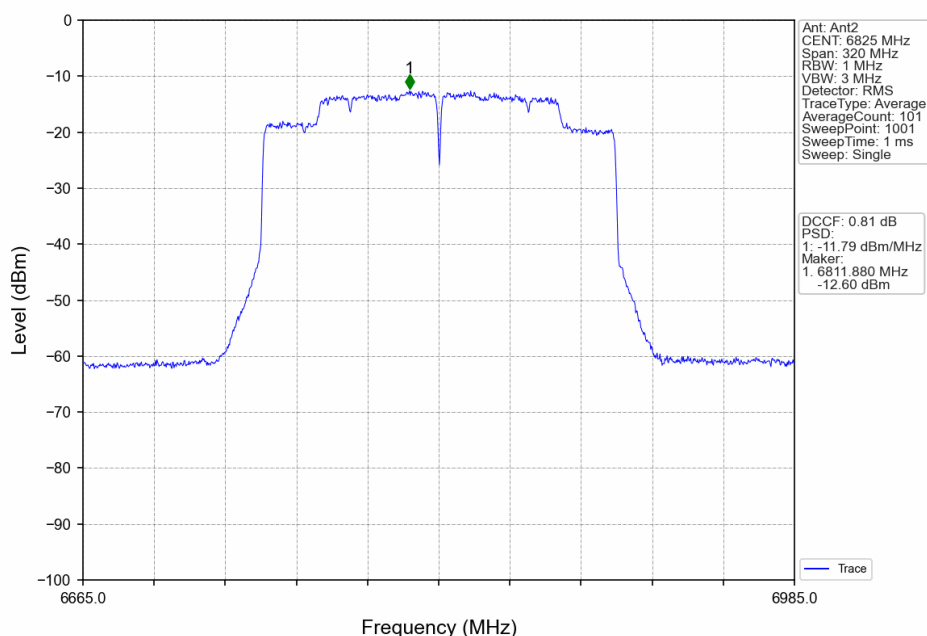
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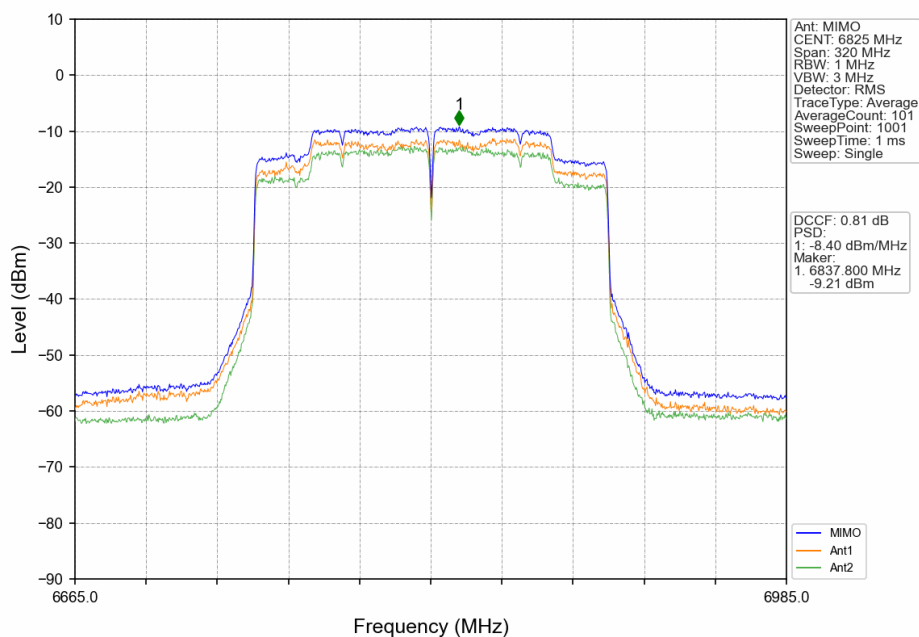
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802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_MIMO_NTNV



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SZEMC-TRF-01 Rev. A/1

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4.2 E.I.R.PSD

4.2.1 Test Result

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum E.I.R.PSD (dBm/MHz)				Verdict
						ANT1	ANT2	MIMO	Limit	
NTNV	802.11ax (HEW20)	MIMO	6875	RU242	Left	-4.17	-4.84	-1.48	<=-1	Pass
	802.11ax (HEW40)	MIMO	6885	RU484	Left	-4.91	-5.44	-2.16	<=-1	Pass
	802.11ax (HEW80)	MIMO	6865	RU996	Left	-4.35	-4.91	-1.61	<=-1	Pass
	802.11ax (HEW160)	MIMO	6825	2xRU996	Left	-7.25	-7.55	-4.39	<=-1	Pass



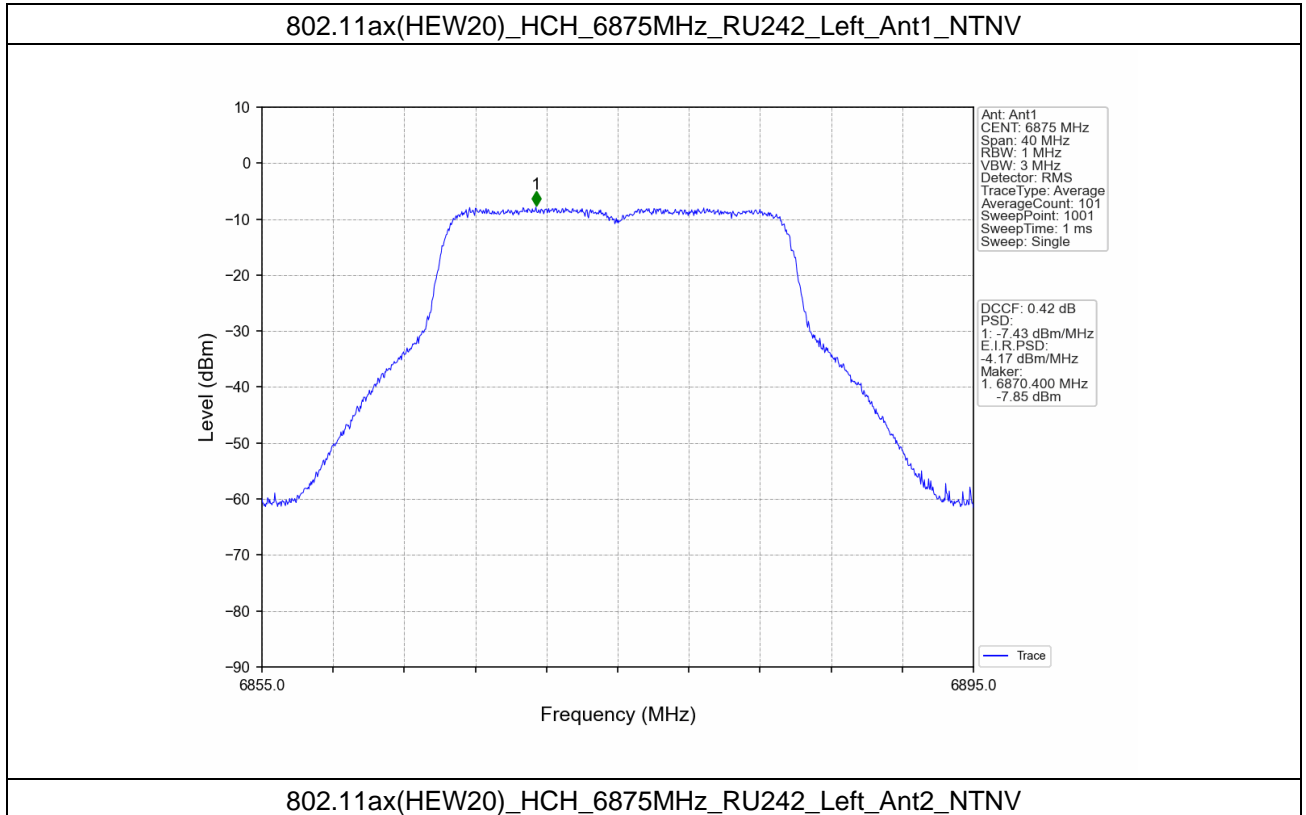
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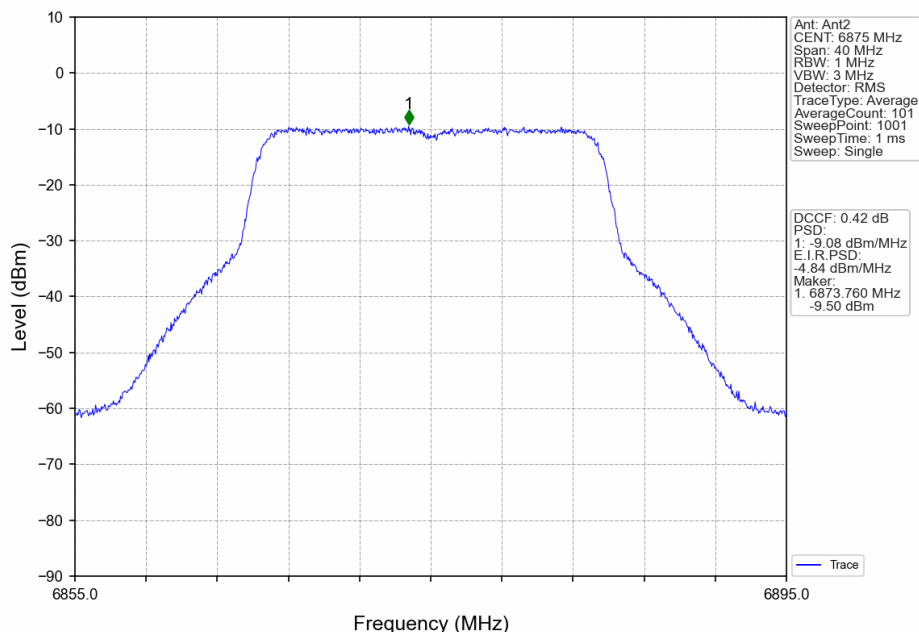
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4.2.2 Test Graph

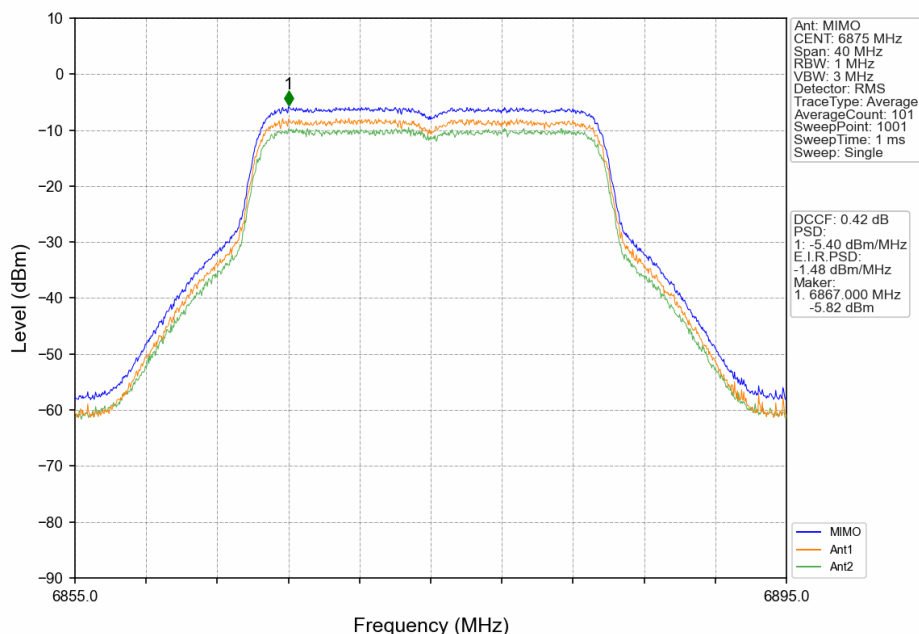




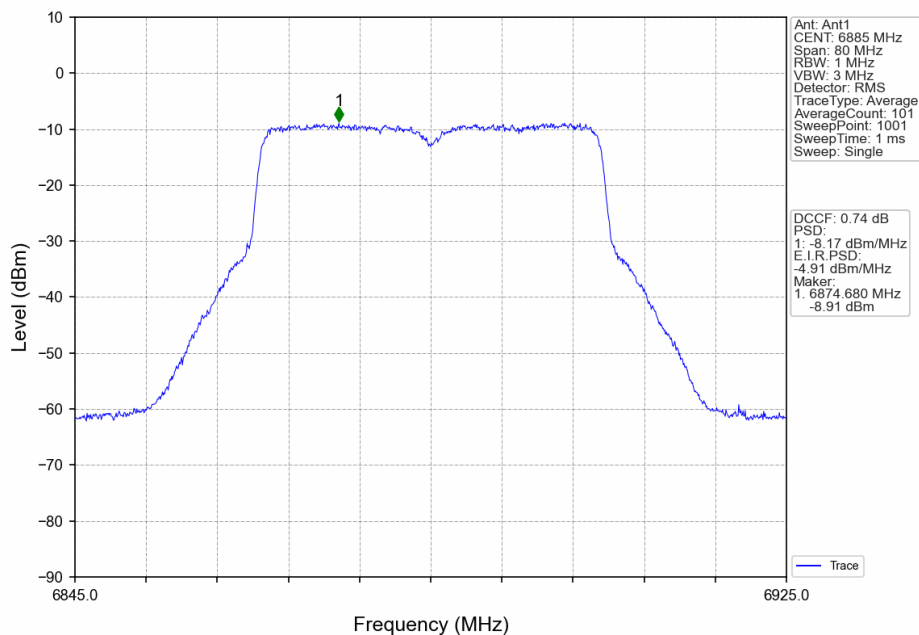
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802.11ax(HEW20)_HCH_6875MHz_RU242_Left_MIMO_NTNV



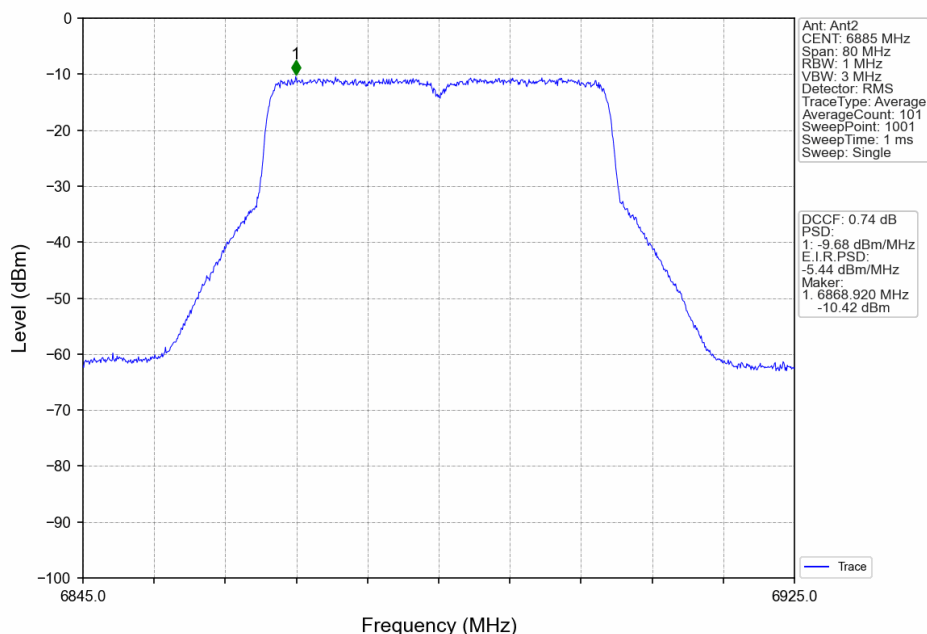
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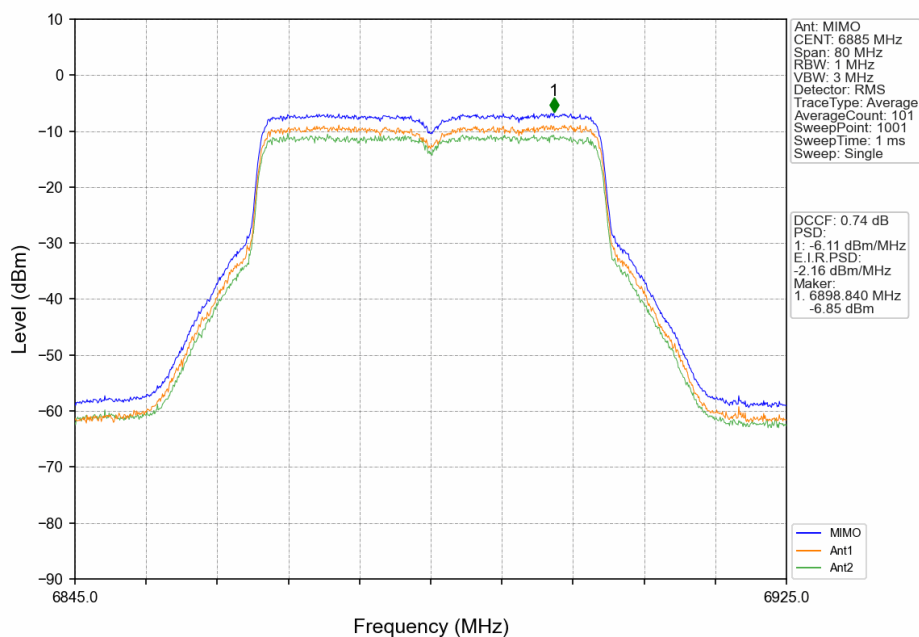
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802.11ax(HEW40)_HCH_6885MHz_RU484_Left_Ant2_NTNV



802.11ax(HEW40)_HCH_6885MHz_RU484_Left_MIMO_NTNV



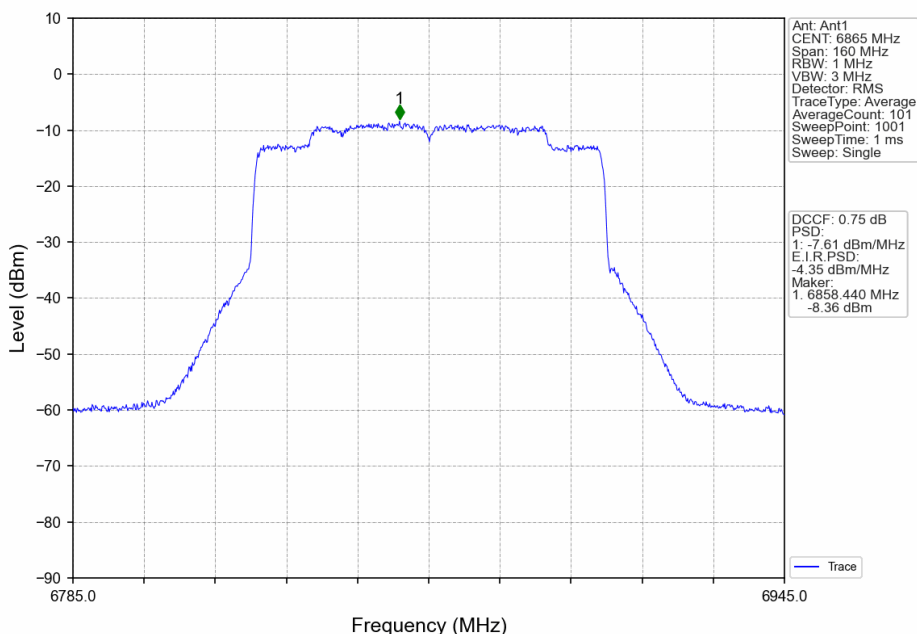
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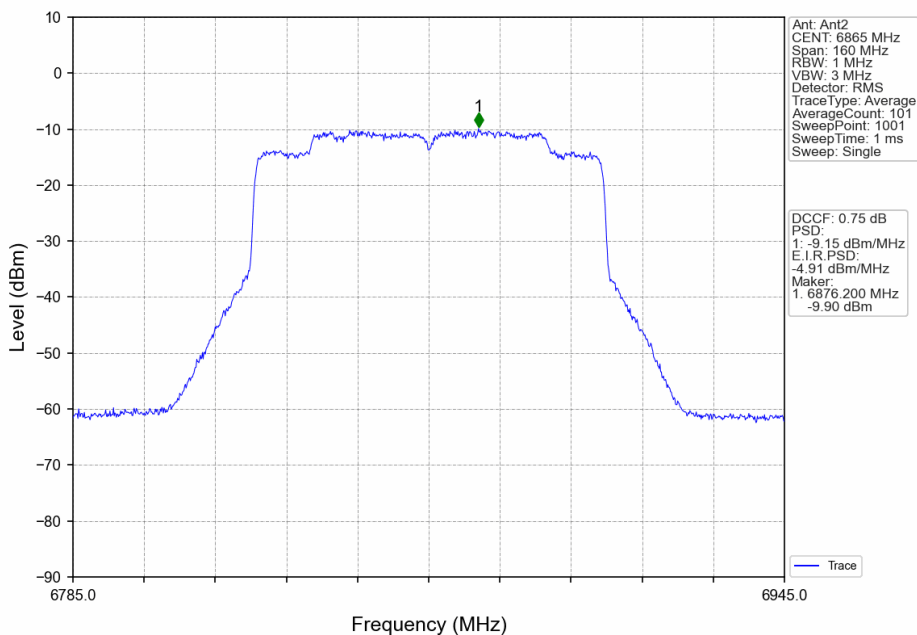
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802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_6865MHz_RU996_Left_Ant2_NTNV



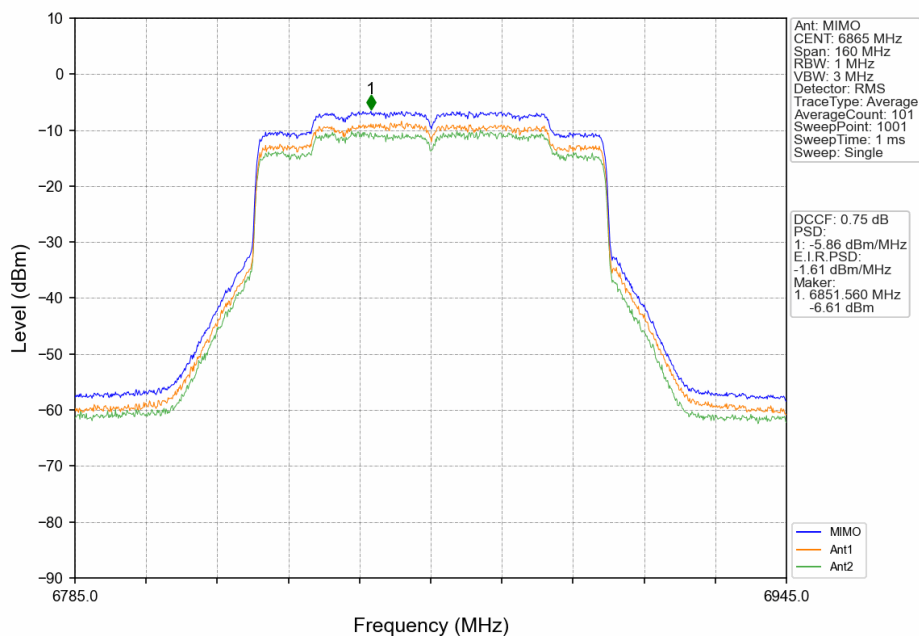
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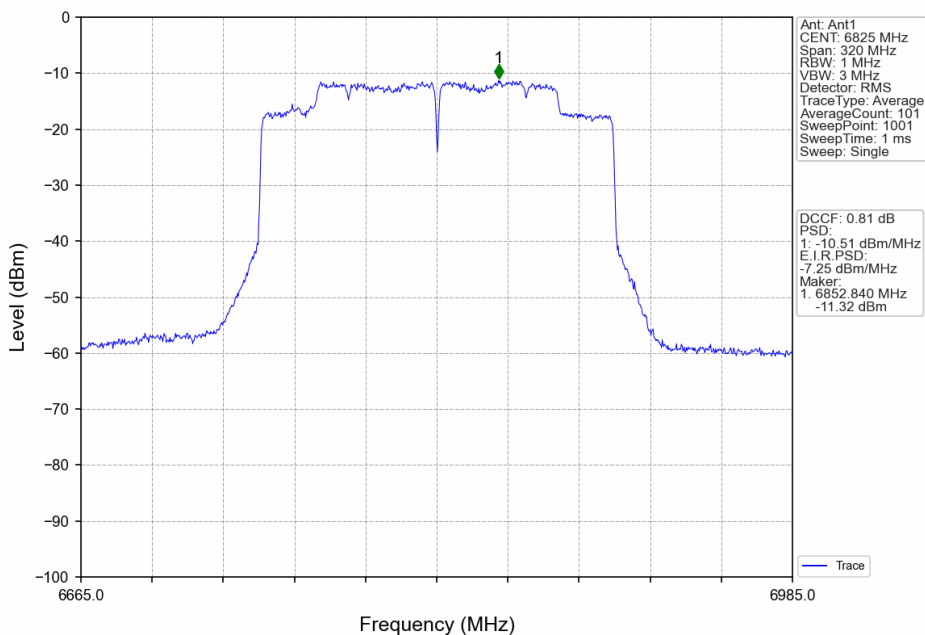
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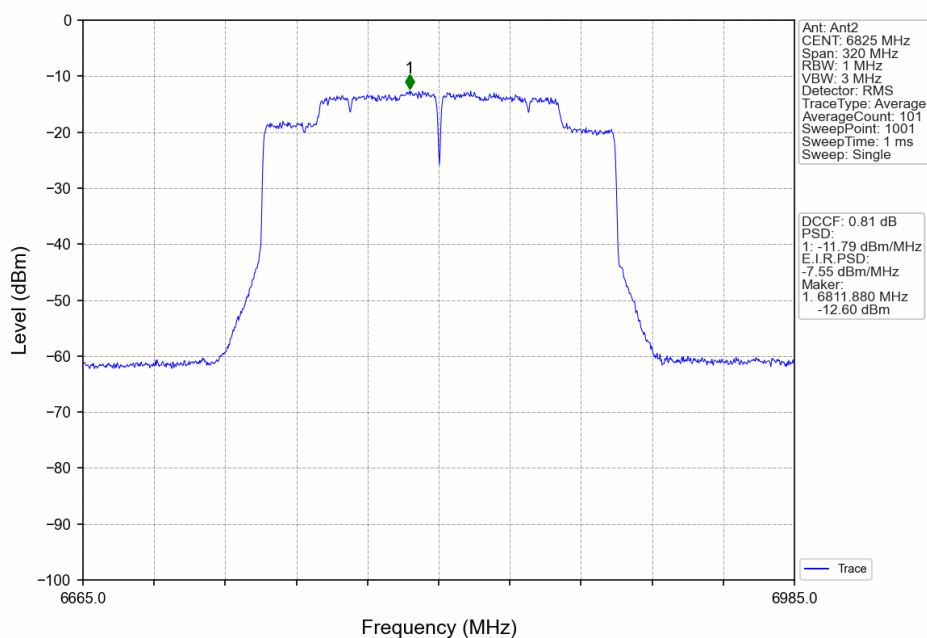
802.11ax(HEW80)_HCH_6865MHz_RU996_Left_MIMO_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_Ant2_NTNV



802.11ax(HEW160)_HCH_6825MHz_2xRU996_Left_MIMO_NTNV

