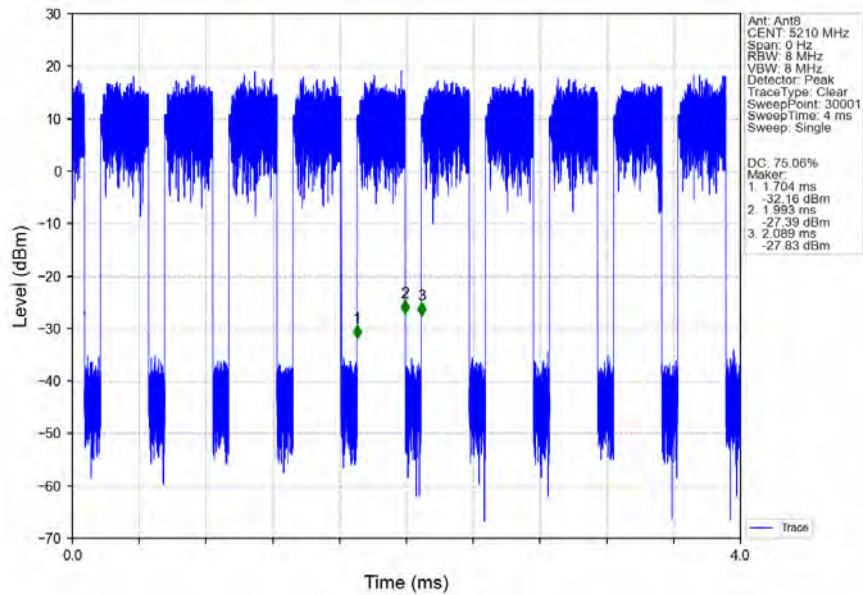
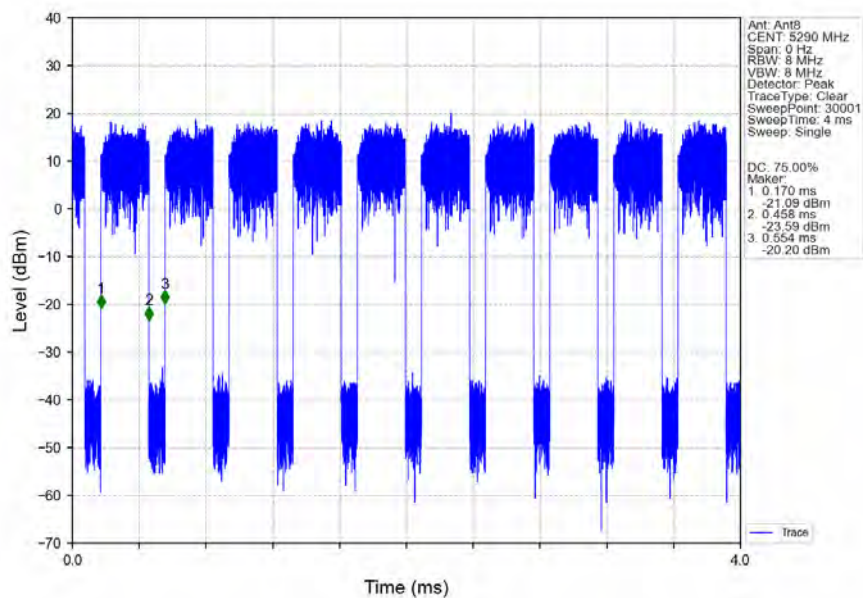


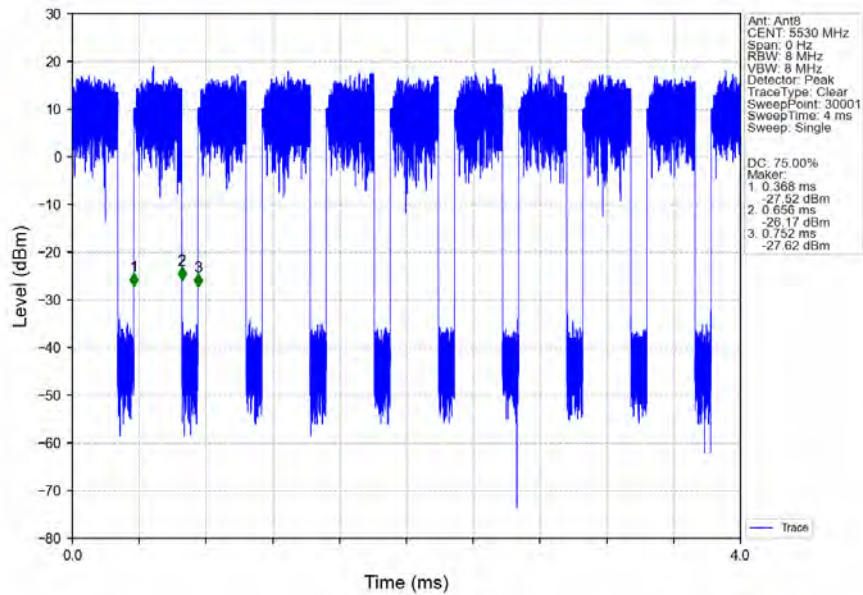
802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant8_NTNV



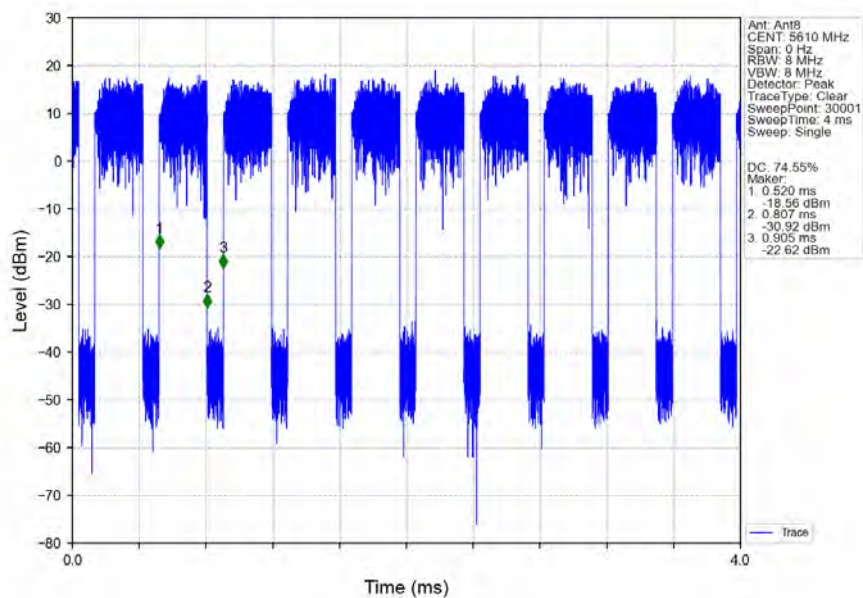
802.11ax(HEW80)_MCH_5290MHz_RU996_Left_Ant8_NTNV



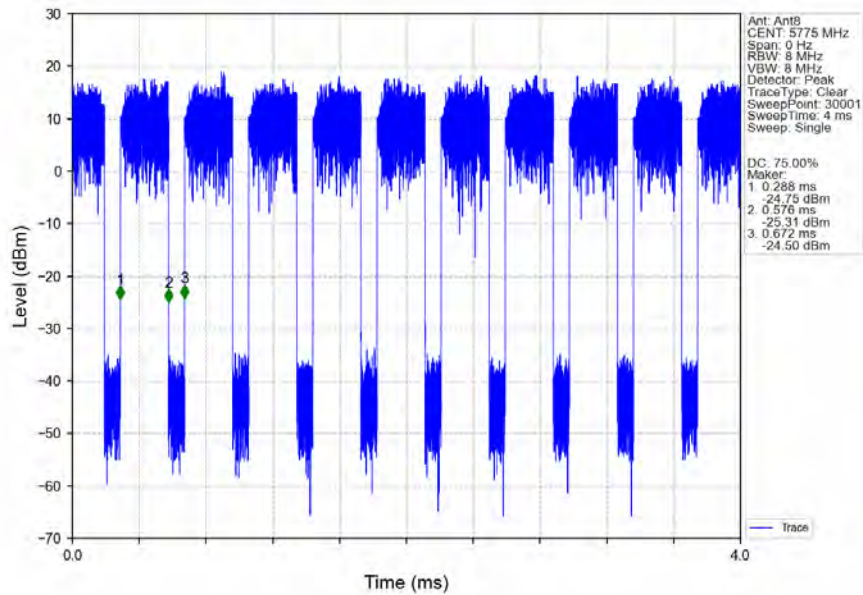
802.11ax(HEW80)_LCH_5530MHz_RU996_Left_Ant8_NTNV



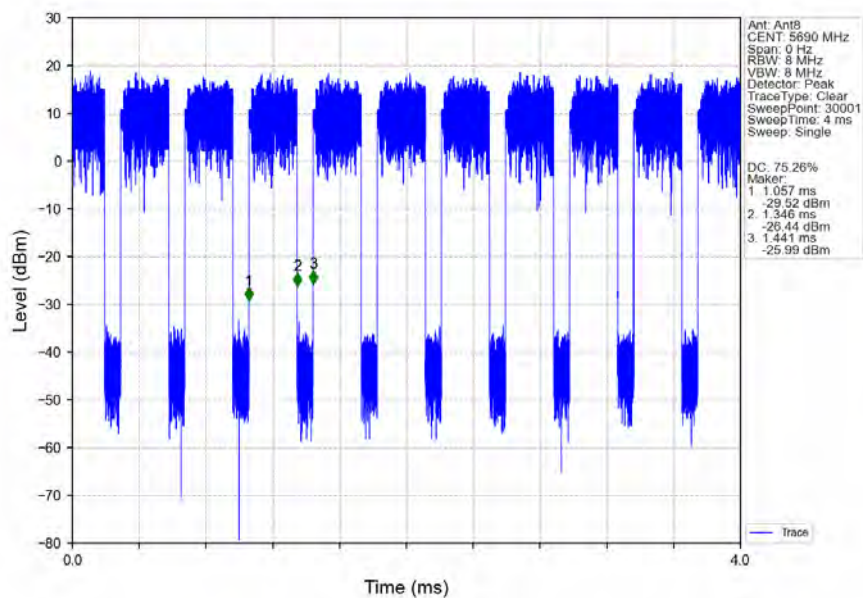
802.11ax(HEW80)_HCH_5610MHz_RU996_Left_Ant8_NTNV



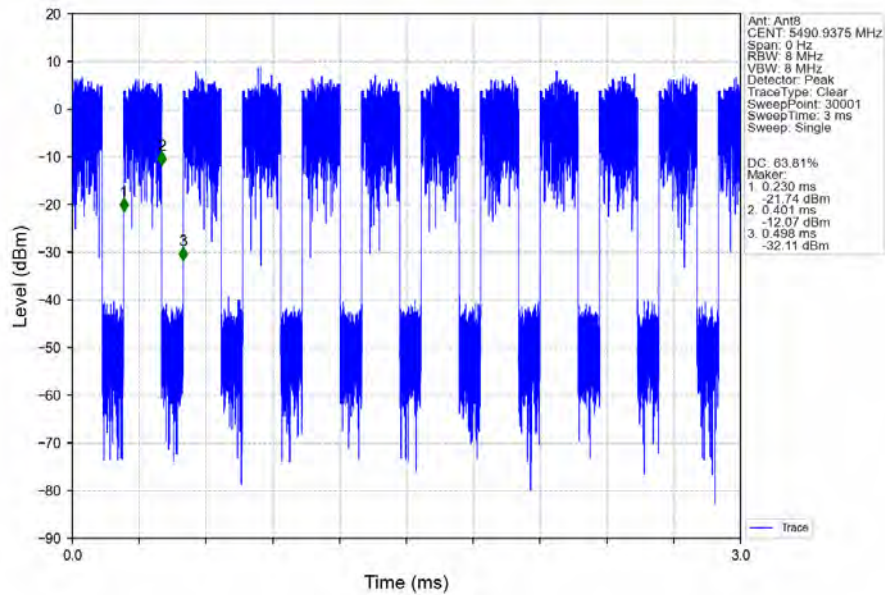
802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant8_NTNV



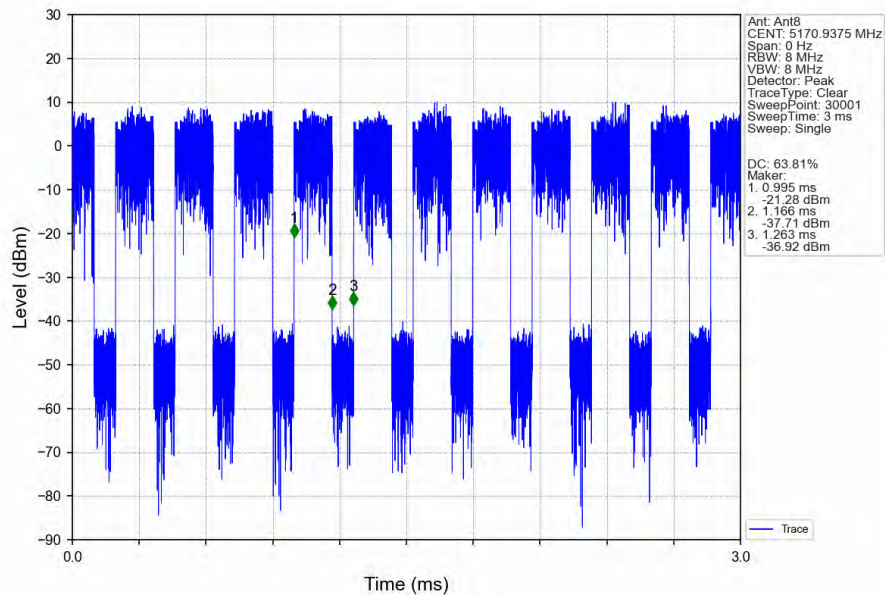
802.11ax(HEW80)_HCH_5690MHz_RU996_Left_Ant8_NTNV



802.11ax(HEW160) MCH_5570MHz_2xRU996_Left_Ant8_NTNV



802.11ax(HEW160) MCH_5250MHz_2xRU996_Left_Ant8_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5180	/	/	8	17.545	/	Pass
		5200	/	/	8	17.592	/	Pass
		5240	/	/	8	17.041	/	Pass
		5260	/	/	8	17.098	/	Pass
		5300	/	/	8	17.506	/	Pass
		5320	/	/	8	17.509	/	Pass
		5500	/	/	8	17.411	/	Pass
		5580	/	/	8	17.104	/	Pass
		5700	/	/	8	17.425	/	Pass
		5745	/	/	8	17.323	/	Pass
		5785	/	/	8	17.313	/	Pass
		5825	/	/	8	17.317	/	Pass
802.11n (HT20)	MIMO	5720	/	/	8	17.169	/	Pass
		5180	/	/	8	18.489	/	Pass
		5200	/	/	8	18.619	/	Pass
		5240	/	/	8	18.224	/	Pass
		5260	/	/	8	18.298	/	Pass
		5300	/	/	8	18.702	/	Pass
		5320	/	/	8	18.507	/	Pass
		5500	/	/	8	18.602	/	Pass
		5580	/	/	8	18.232	/	Pass
		5700	/	/	8	18.451	/	Pass
		5745	/	/	8	18.341	/	Pass
		5785	/	/	8	18.328	/	Pass
802.11n (HT40)	MIMO	5825	/	/	8	18.413	/	Pass
		5720	/	/	8	18.160	/	Pass
		5190	/	/	8	36.939	/	Pass
		5230	/	/	8	36.534	/	Pass
		5270	/	/	8	36.569	/	Pass
		5310	/	/	8	36.879	/	Pass
		5510	/	/	8	37.102	/	Pass
		5550	/	/	8	36.532	/	Pass
		5670	/	/	8	37.291	/	Pass
		5755	/	/	8	36.906	/	Pass
802.11ac (VHT20)	MIMO	5795	/	/	8	36.442	/	Pass
		5710	/	/	8	36.525	/	Pass
		5180	/	/	8	18.540	/	Pass
		5200	/	/	8	18.484	/	Pass
		5240	/	/	8	18.145	/	Pass
		5260	/	/	8	18.283	/	Pass
		5300	/	/	8	18.566	/	Pass
		5320	/	/	8	18.599	/	Pass
		5500	/	/	8	18.577	/	Pass
		5580	/	/	8	18.231	/	Pass
		5700	/	/	8	18.441	/	Pass
		5745	/	/	8	18.427	/	Pass
		5785	/	/	8	18.172	/	Pass
		5825	/	/	8	18.226	/	Pass

		5720	/	/	8	18.188	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	8	36.911	/	Pass
		5230	/	/	8	36.522	/	Pass
		5270	/	/	8	36.479	/	Pass
		5310	/	/	8	36.850	/	Pass
		5510	/	/	8	36.987	/	Pass
		5550	/	/	8	36.448	/	Pass
		5670	/	/	8	37.182	/	Pass
		5755	/	/	8	36.872	/	Pass
		5795	/	/	8	36.533	/	Pass
		5710	/	/	8	36.510	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	8	77.111	/	Pass
		5290	/	/	8	76.998	/	Pass
		5530	/	/	8	76.929	/	Pass
		5610	/	/	8	76.320	/	Pass
		5775	/	/	8	76.388	/	Pass
		5690	/	/	8	76.322	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	8	154.938	/	Pass
		5250	/	/	8	155.194	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	8	19.336	/	Pass
		5200	RU242	Left	8	19.271	/	Pass
		5240	RU242	Left	8	19.060	/	Pass
		5260	RU242	Left	8	19.128	/	Pass
		5300	RU242	Left	8	19.279	/	Pass
		5320	RU242	Left	8	19.218	/	Pass
		5500	RU242	Left	8	19.245	/	Pass
		5580	RU242	Left	8	19.088	/	Pass
		5700	RU242	Left	8	19.129	/	Pass
		5745	RU242	Left	8	19.219	/	Pass
		5785	RU242	Left	8	19.168	/	Pass
		5825	RU242	Left	8	19.087	/	Pass
802.11ax (HEW40)	MIMO	5720	RU242	Left	8	19.122	/	Pass
		5190	RU484	Left	8	38.201	/	Pass
		5230	RU484	Left	8	37.892	/	Pass
		5270	RU484	Left	8	37.971	/	Pass
		5310	RU484	Left	8	38.219	/	Pass
		5510	RU484	Left	8	38.093	/	Pass
		5550	RU484	Left	8	37.848	/	Pass
		5670	RU484	Left	8	38.415	/	Pass
		5755	RU484	Left	8	38.143	/	Pass
		5795	RU484	Left	8	37.866	/	Pass
802.11ax (HEW80)	MIMO	5710	RU484	Left	8	37.686	/	Pass
		5210	RU996	Left	8	78.429	/	Pass
		5290	RU996	Left	8	78.400	/	Pass
		5530	RU996	Left	8	78.271	/	Pass
		5610	RU996	Left	8	78.219	/	Pass
		5775	RU996	Left	8	78.194	/	Pass
802.11ax (HEW160)	MIMO	5690	RU996	Left	8	78.173	/	Pass
		5570	2xRU996	Left	8	156.786	/	Pass
		5250	2xRU996	Left	8	157.229	/	Pass

2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5180	/	/	8	28.525	/	Pass
		5200	/	/	8	27.757	/	Pass
		5240	/	/	8	20.766	/	Pass

		5260	/	/	8	21.009	/	Pass
		5300	/	/	8	28.808	/	Pass
		5320	/	/	8	26.066	/	Pass
		5500	/	/	8	28.365	/	Pass
		5580	/	/	8	21.199	/	Pass
		5700	/	/	8	26.405	/	Pass
		5720	/	/	8	22.357	/	Pass
802.11n (HT20)	MIMO	5180	/	/	8	27.496	/	Pass
		5200	/	/	8	29.536	/	Pass
		5240	/	/	8	25.572	/	Pass
		5260	/	/	8	26.258	/	Pass
		5300	/	/	8	31.736	/	Pass
		5320	/	/	8	26.937	/	Pass
		5500	/	/	8	29.314	/	Pass
		5580	/	/	8	24.554	/	Pass
		5700	/	/	8	29.793	/	Pass
802.11n (HT40)	MIMO	5720	/	/	8	21.927	/	Pass
		5190	/	/	8	57.906	/	Pass
		5230	/	/	8	56.077	/	Pass
		5270	/	/	8	53.546	/	Pass
		5310	/	/	8	57.308	/	Pass
		5510	/	/	8	57.817	/	Pass
		5550	/	/	8	41.145	/	Pass
		5670	/	/	8	67.131	/	Pass
		5710	/	/	8	44.213	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	8	29.111	/	Pass
		5200	/	/	8	29.606	/	Pass
		5240	/	/	8	22.653	/	Pass
		5260	/	/	8	22.265	/	Pass
		5300	/	/	8	30.432	/	Pass
		5320	/	/	8	28.759	/	Pass
		5500	/	/	8	26.564	/	Pass
		5580	/	/	8	22.990	/	Pass
		5700	/	/	8	29.802	/	Pass
802.11ac (VHT40)	MIMO	5720	/	/	8	22.160	/	Pass
		5190	/	/	8	55.462	/	Pass
		5230	/	/	8	41.405	/	Pass
		5270	/	/	8	41.708	/	Pass
		5310	/	/	8	57.100	/	Pass
		5510	/	/	8	57.120	/	Pass
		5550	/	/	8	41.140	/	Pass
		5670	/	/	8	67.717	/	Pass
		5710	/	/	8	41.719	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	8	110.292	/	Pass
		5290	/	/	8	107.793	/	Pass
		5530	/	/	8	110.637	/	Pass
		5610	/	/	8	80.965	/	Pass
		5690	/	/	8	81.009	/	Pass
802.11ac (VHT160)	MIMO	5570	/	/	8	176.424	/	Pass
		5250	/	/	8	179.630	/	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	8	25.571	/	Pass
		5200	RU242	Left	8	27.540	/	Pass
		5240	RU242	Left	8	22.079	/	Pass
		5260	RU242	Left	8	21.798	/	Pass
		5300	RU242	Left	8	27.271	/	Pass
		5320	RU242	Left	8	25.749	/	Pass
		5500	RU242	Left	8	27.795	/	Pass
		5580	RU242	Left	8	22.681	/	Pass
		5700	RU242	Left	8	25.748	/	Pass
		5720	RU242	Left	8	21.743	/	Pass

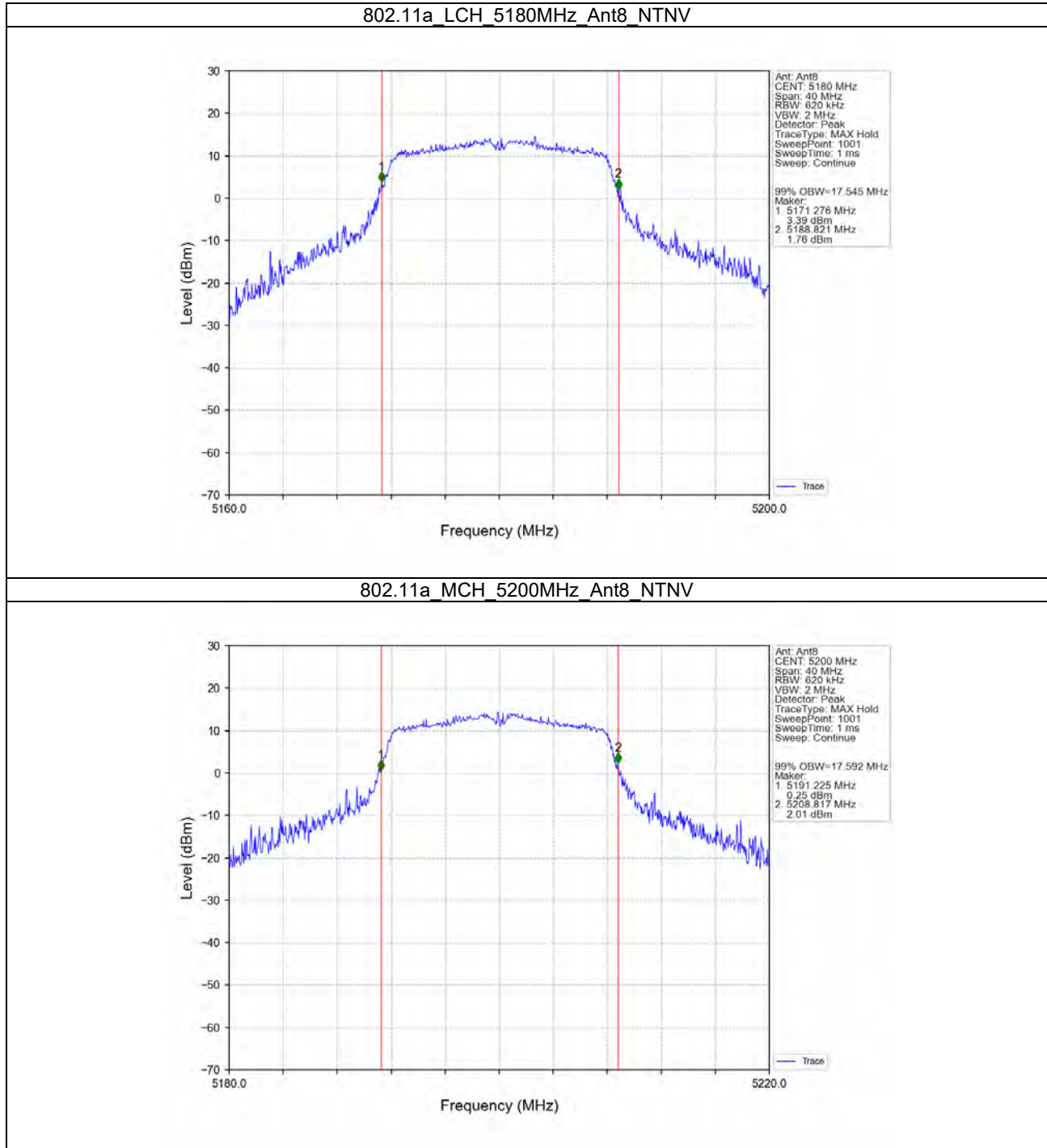
802.11ax (HEW40)	MIMO	5190	RU484	Left	8	57.955	/	Pass
		5230	RU484	Left	8	40.021	/	Pass
		5270	RU484	Left	8	40.703	/	Pass
		5310	RU484	Left	8	58.110	/	Pass
		5510	RU484	Left	8	51.403	/	Pass
		5550	RU484	Left	8	41.450	/	Pass
		5670	RU484	Left	8	59.293	/	Pass
802.11ax (HEW80)	MIMO	5710	RU484	Left	8	39.867	/	Pass
		5210	RU996	Left	8	102.744	/	Pass
		5290	RU996	Left	8	101.722	/	Pass
		5530	RU996	Left	8	106.383	/	Pass
		5610	RU996	Left	8	81.654	/	Pass
802.11ax (HEW160)	MIMO	5690	RU996	Left	8	81.681	/	Pass
		5570	2xRU996	Left	8	167.800	/	Pass
		5250	2xRU996	Left	8	169.090	/	Pass

2.1.3 6dB BW

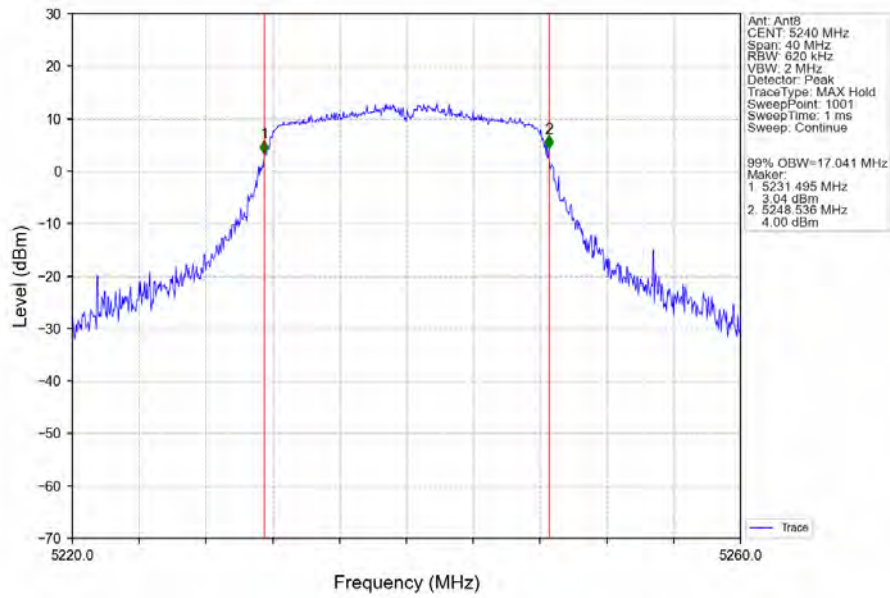
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5745	/	/	8	13.892	>=0.5	Pass
		5785	/	/	8	14.836	>=0.5	Pass
		5825	/	/	8	14.701	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	8	15.104	>=0.5	Pass
		5785	/	/	8	17.560	>=0.5	Pass
		5825	/	/	8	15.177	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	8	33.943	>=0.5	Pass
		5795	/	/	8	33.913	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	8	15.110	>=0.5	Pass
		5785	/	/	8	13.812	>=0.5	Pass
		5825	/	/	8	16.549	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	8	34.231	>=0.5	Pass
		5795	/	/	8	35.119	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	8	75.916	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	8	16.131	>=0.5	Pass
		5785	RU242	Left	8	17.588	>=0.5	Pass
		5825	RU242	Left	8	16.075	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	8	34.778	>=0.5	Pass
		5795	RU484	Left	8	35.104	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	8	77.771	>=0.5	Pass

2.2 Test Graph

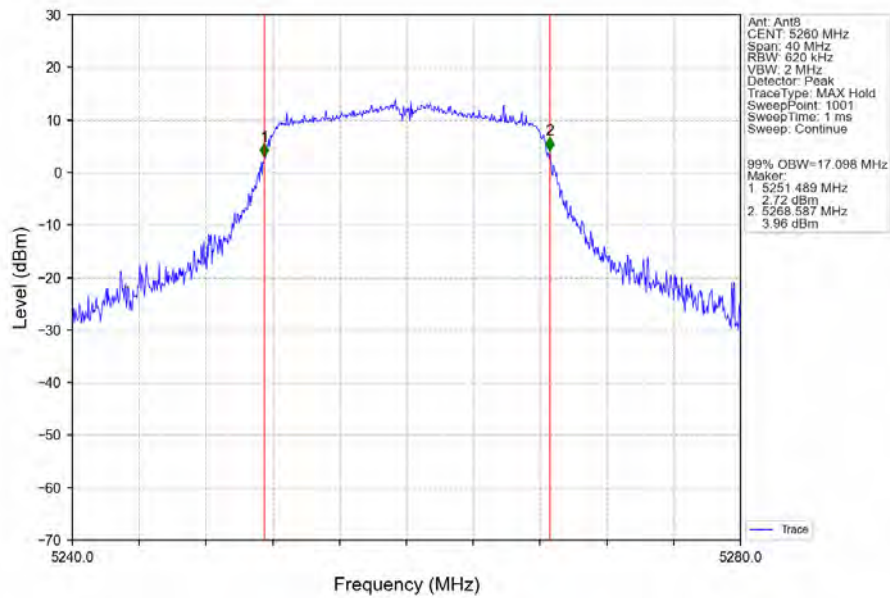
2.2.1 OBW



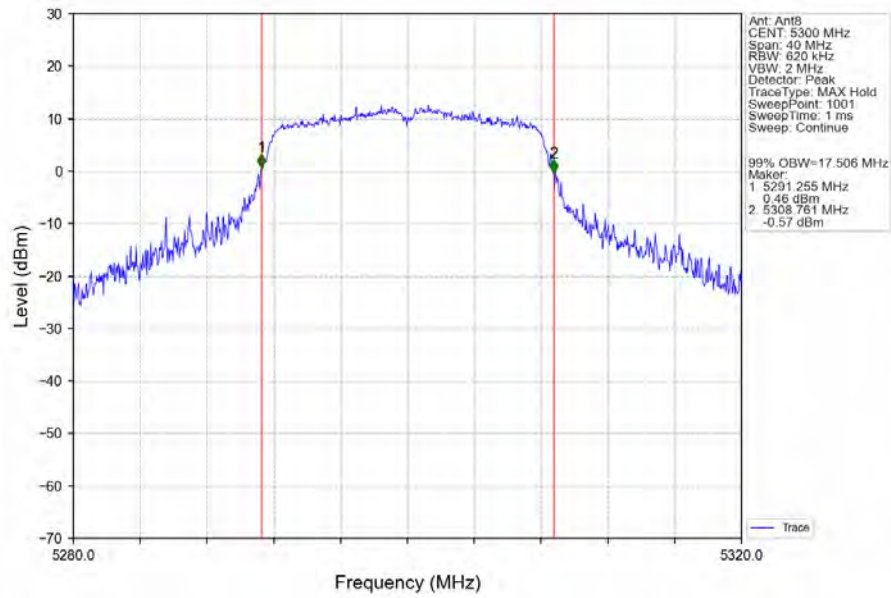
802.11a_HCH_5240MHz_Ant8_NTNV



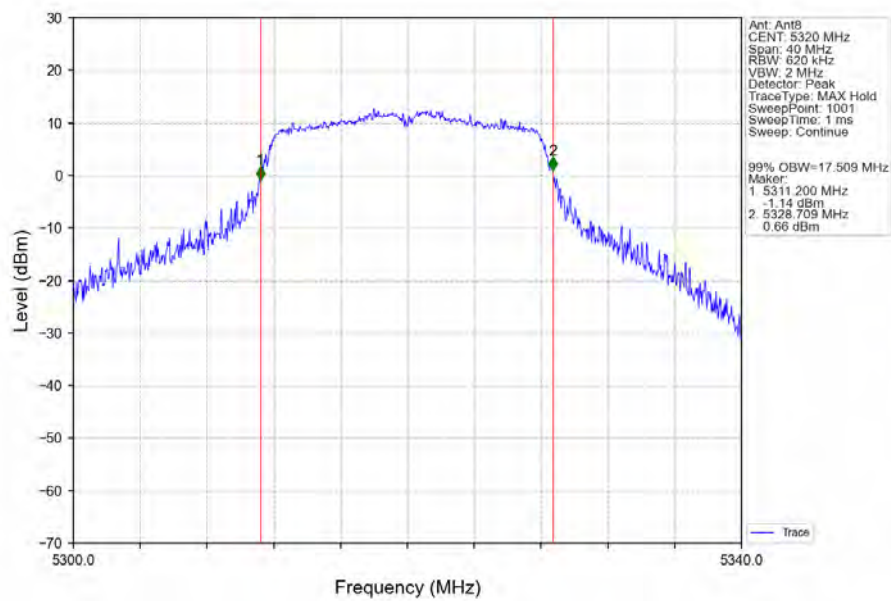
802.11a_LCH_5260MHz_Ant8_NTNV



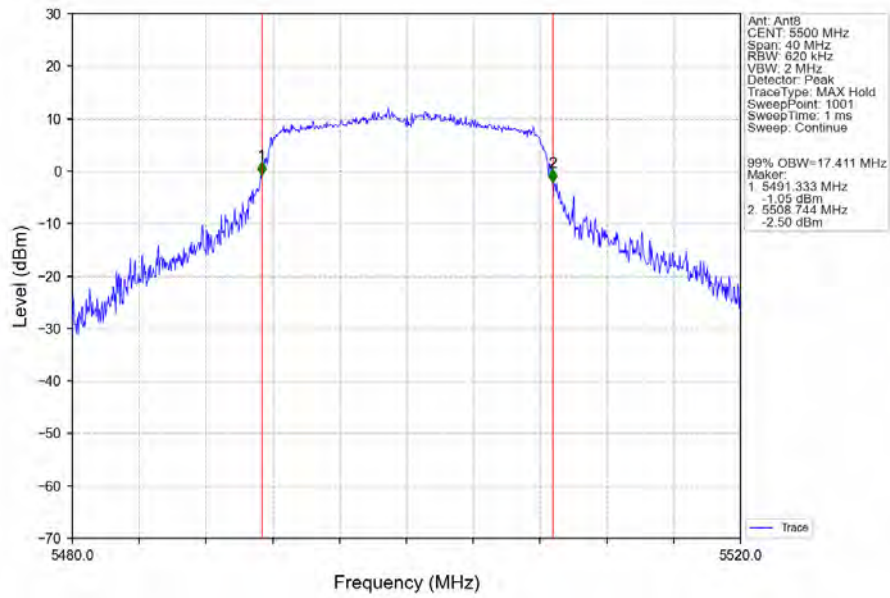
802.11a_MCH_5300MHz_Ant8_NTNV



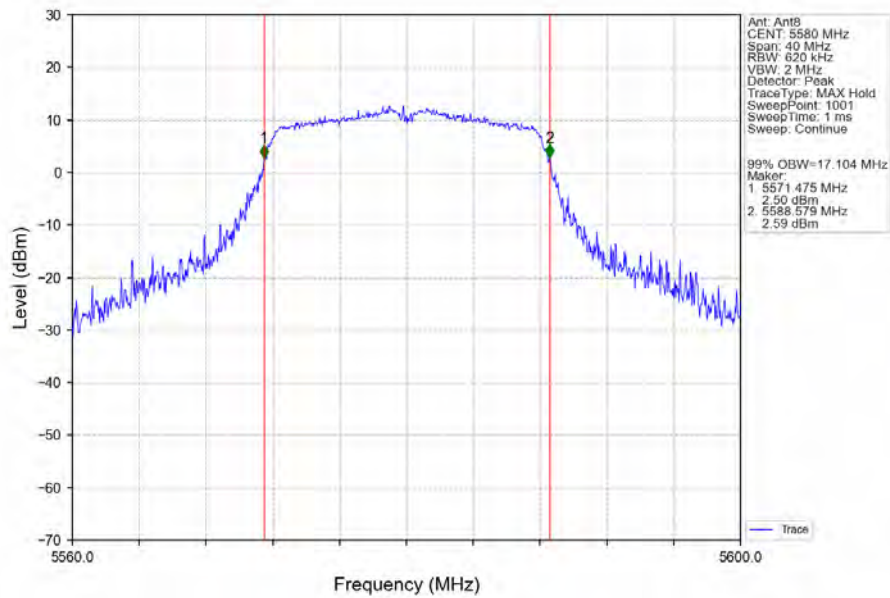
802.11a_HCH_5320MHz_Ant8_NTNV



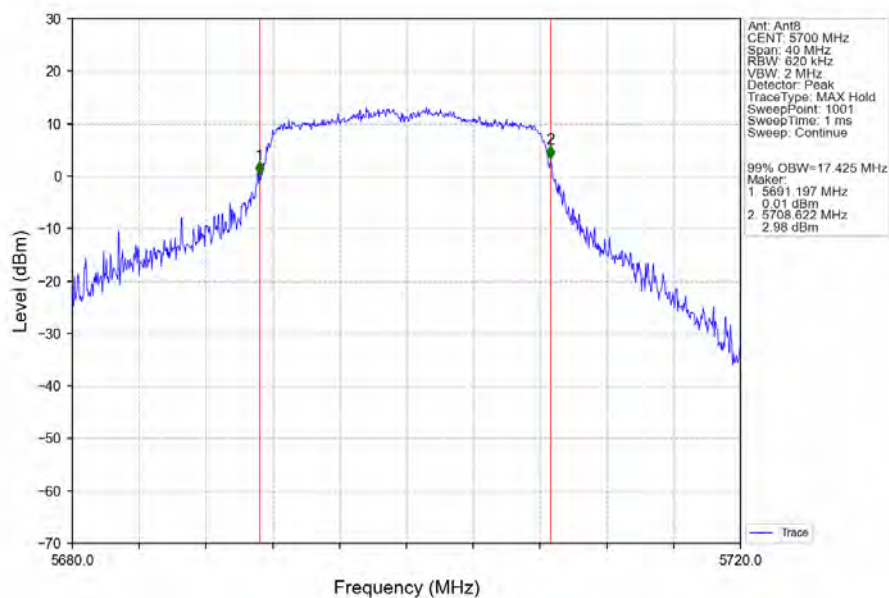
802.11a_LCH_5500MHz_Ant8_NTNV



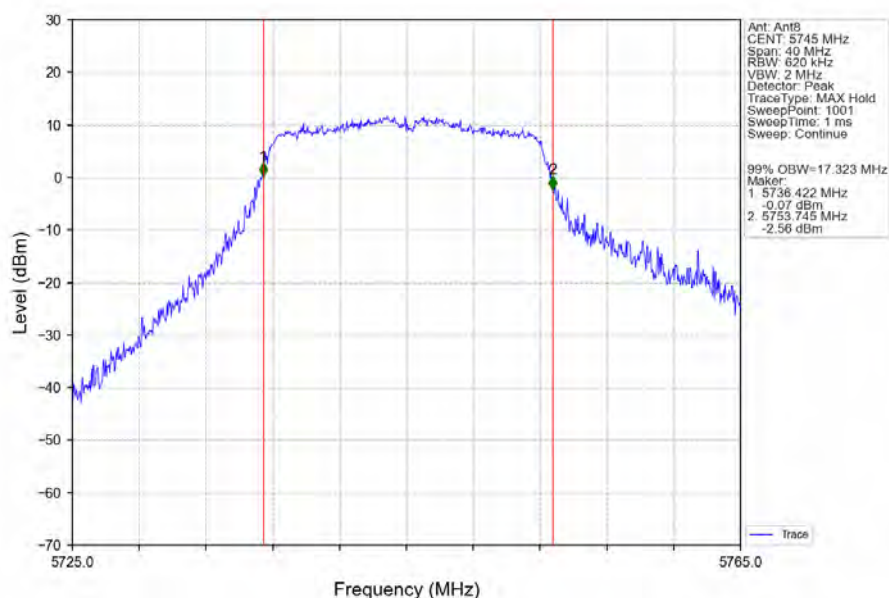
802.11a_MCH_5580MHz_Ant8_NTNV



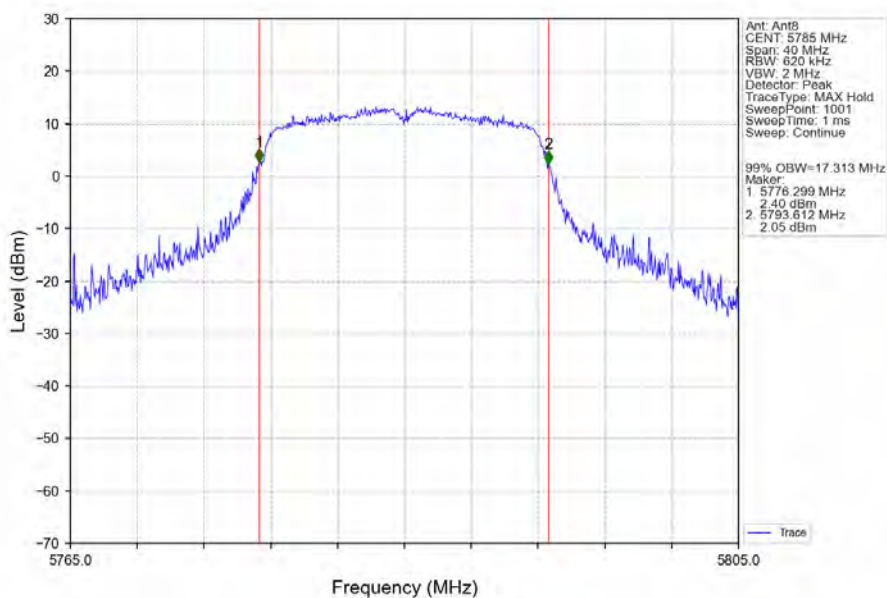
802.11a_HCH_5700MHz_Ant8_NTNV



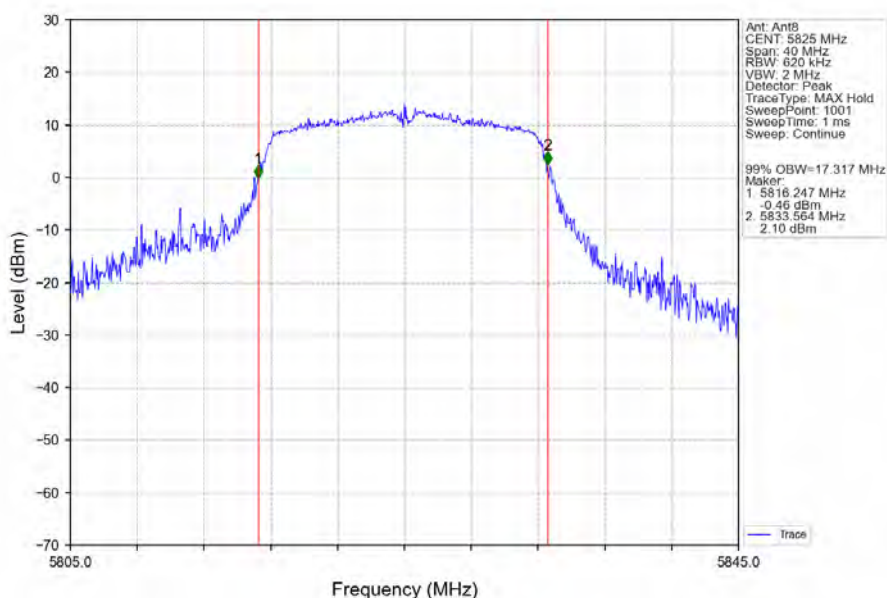
802.11a_LCH_5745MHz_Ant8_NTNV



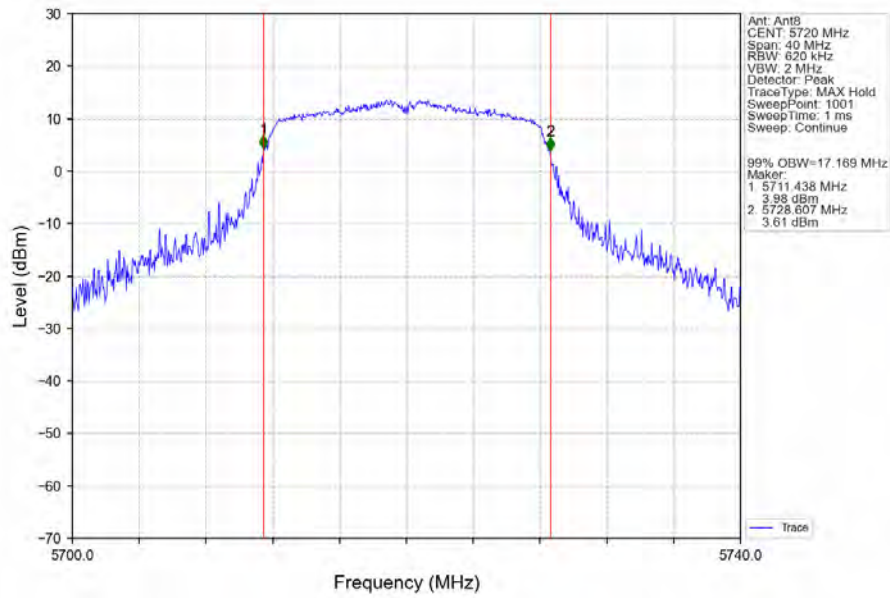
802.11a_MCH_5785MHz_Ant8_NTNV



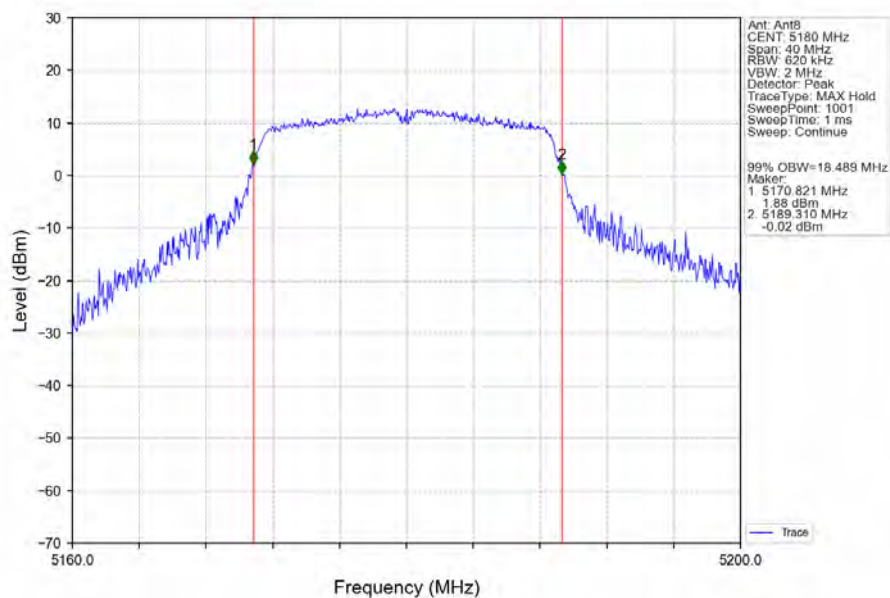
802.11a_HCH_5825MHz_Ant8_NTNV



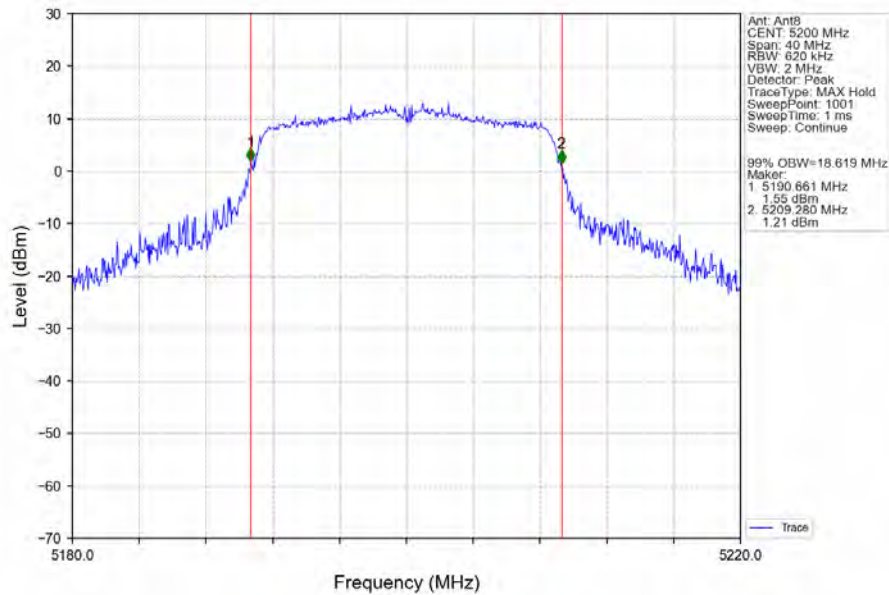
802.11a_HCH_5720MHz_Ant8_NTNV



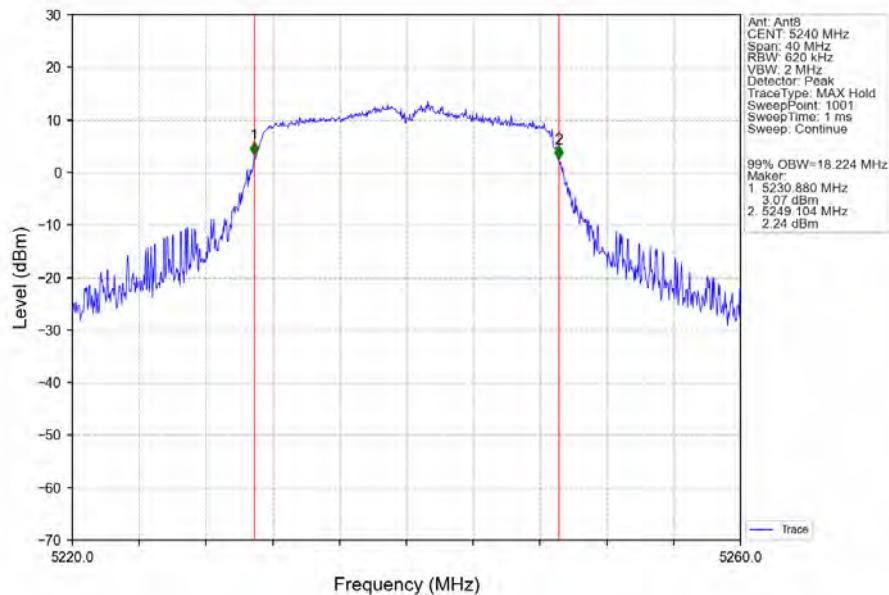
802.11n(HT20)_LCH_5180MHz_Ant8_NTNV



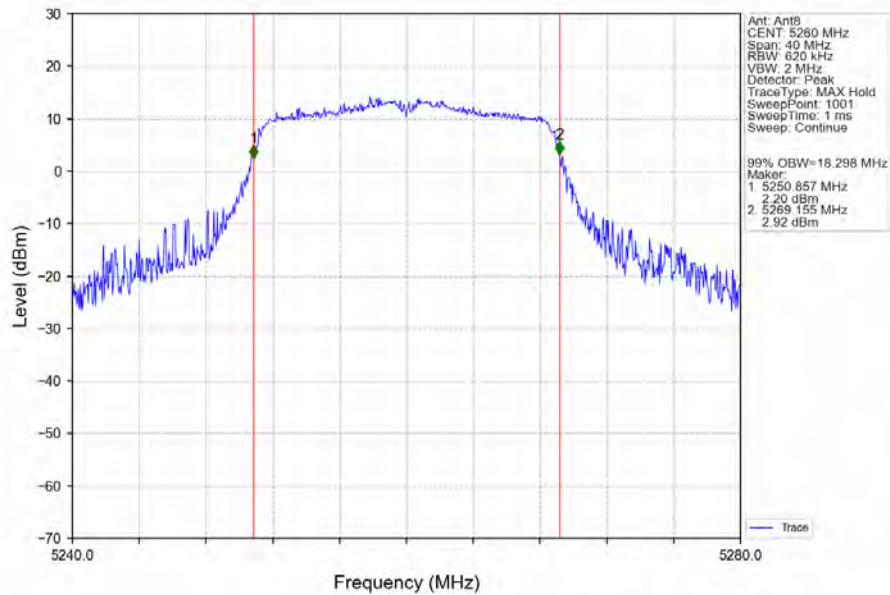
802.11n(HT20)_MCH_5200MHz_Ant8_NTNV



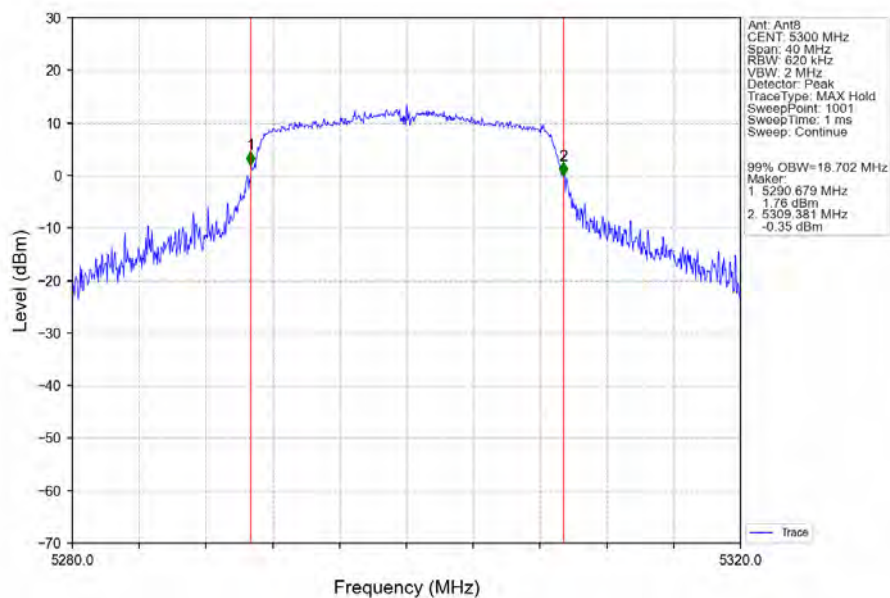
802.11n(HT20)_HCH_5240MHz_Ant8_NTNV



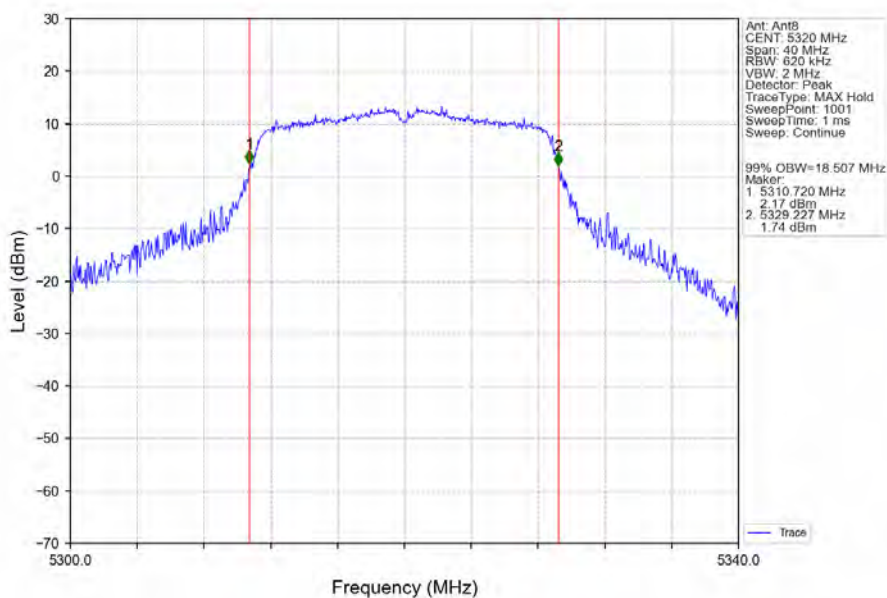
802.11n(HT20)_LCH_5260MHz_Ant8_NTNV



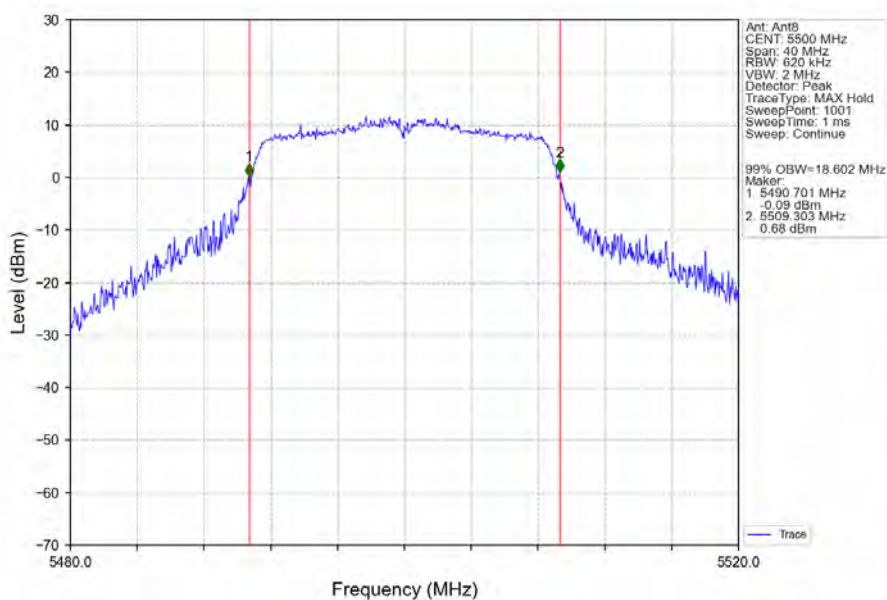
802.11n(HT20)_MCH_5300MHz_Ant8_NTNV



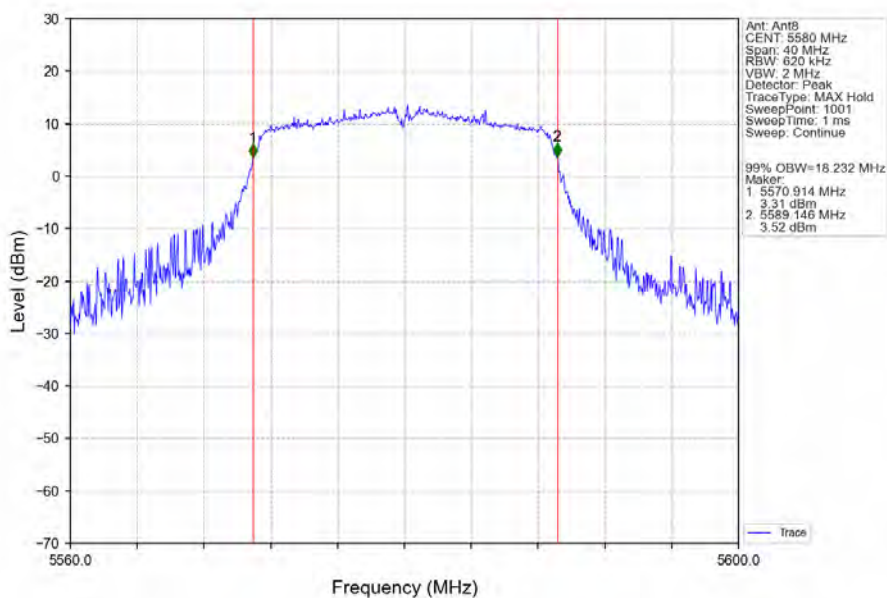
802.11n(HT20)_HCH_5320MHz_Ant8_NTNV



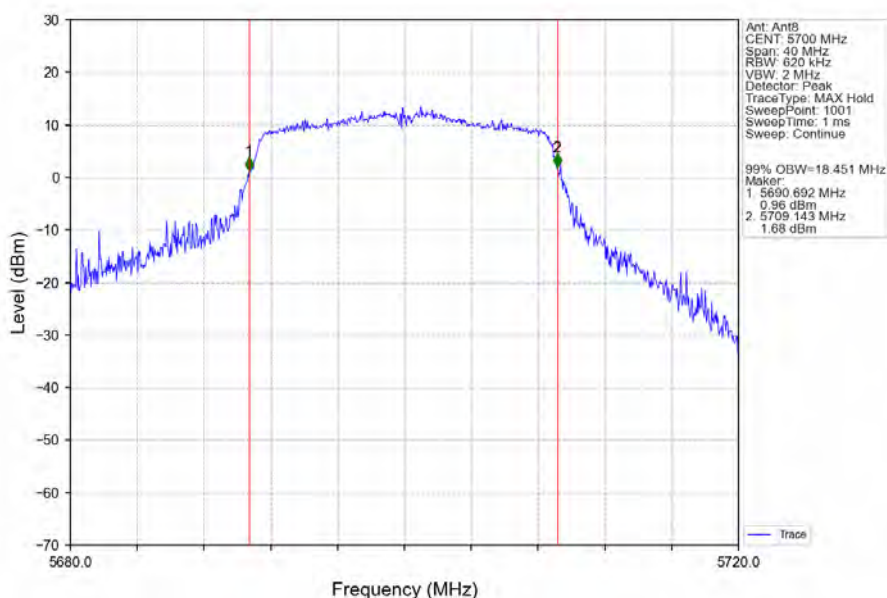
802.11n(HT20)_LCH_5500MHz_Ant8_NTNV



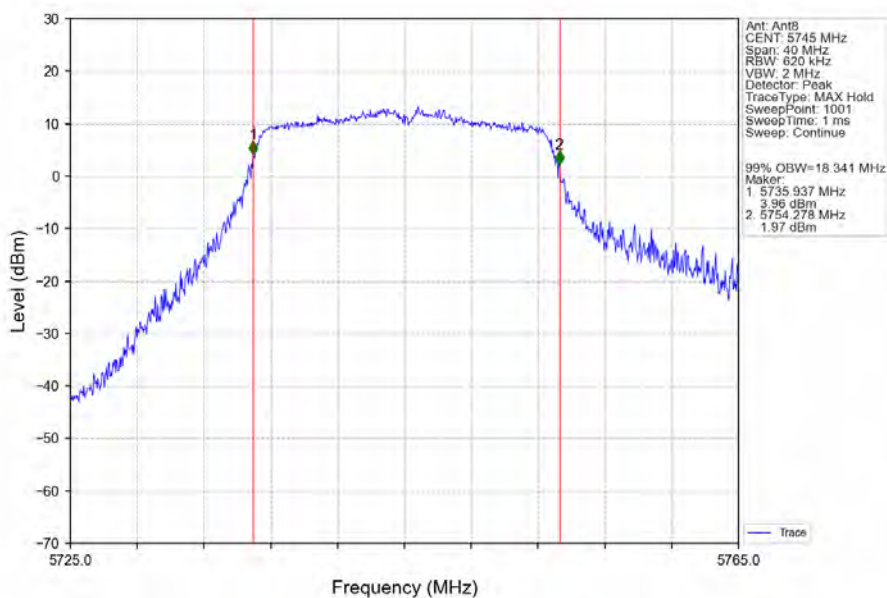
802.11n(HT20)_MCH_5580MHz_Ant8_NTNV



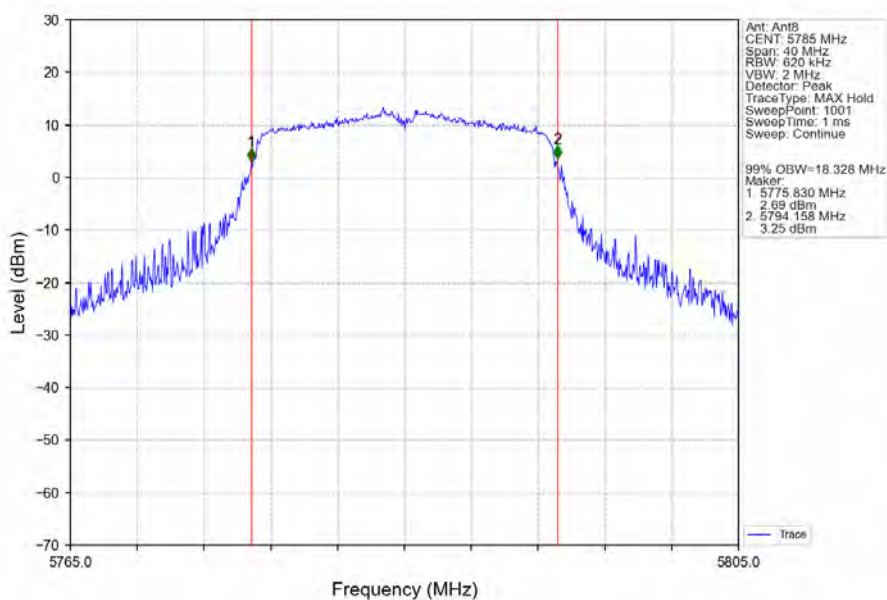
802.11n(HT20)_HCH_5700MHz_Ant8_NTNV



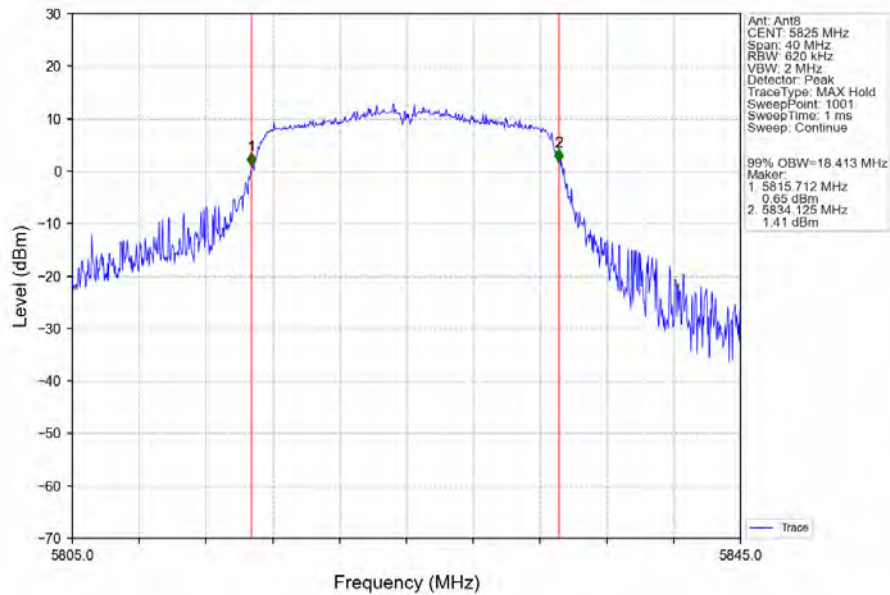
802.11n(HT20)_LCH_5745MHz_Ant8_NTNV



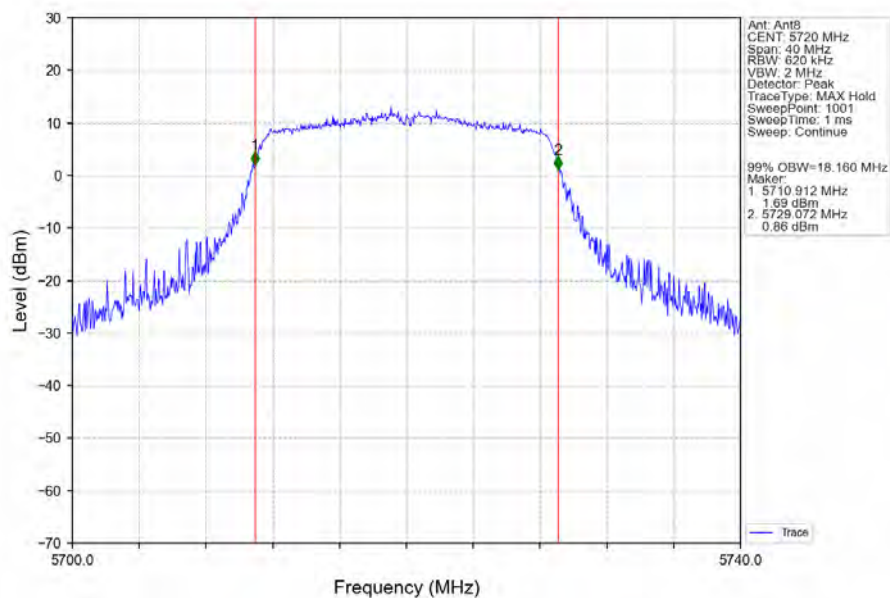
802.11n(HT20)_MCH_5785MHz_Ant8_NTNV



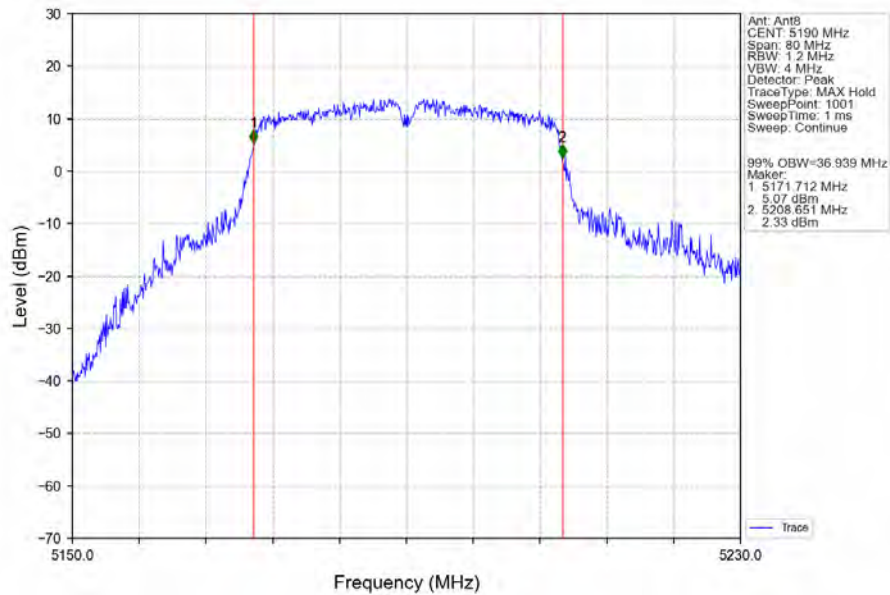
802.11n(HT20)_HCH_5825MHz_Ant8_NTNV



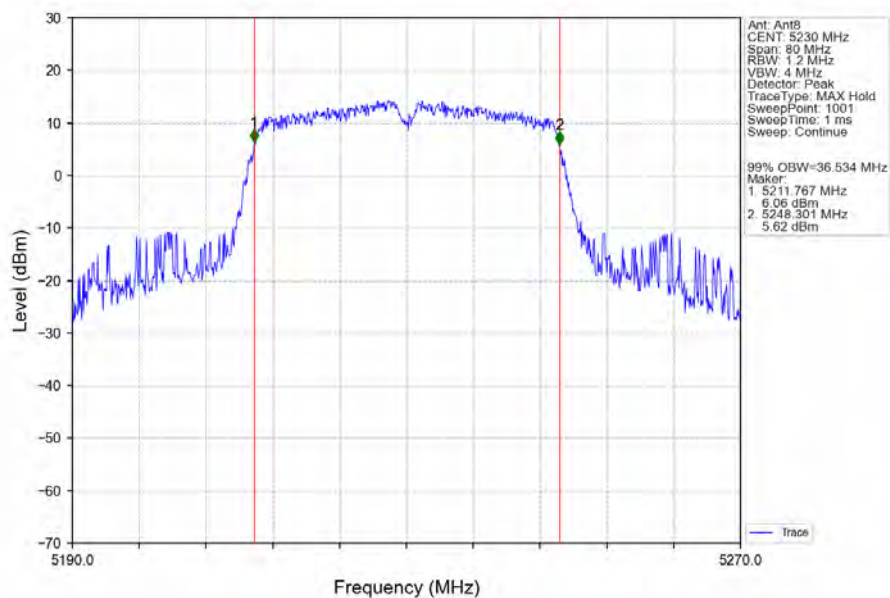
802.11n(HT20)_HCH_5720MHz_Ant8_NTNV



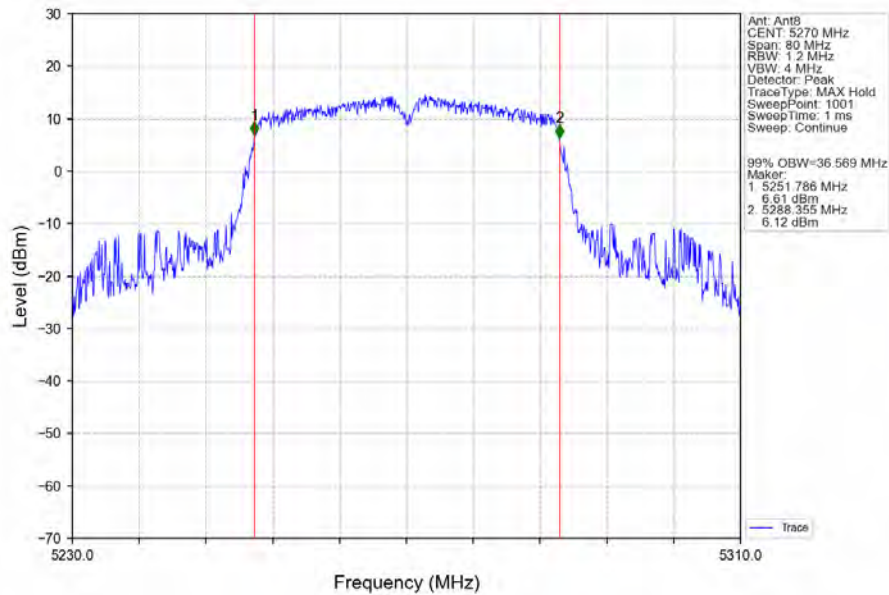
802.11n(HT40)_LCH_5190MHz_Ant8_NTNV



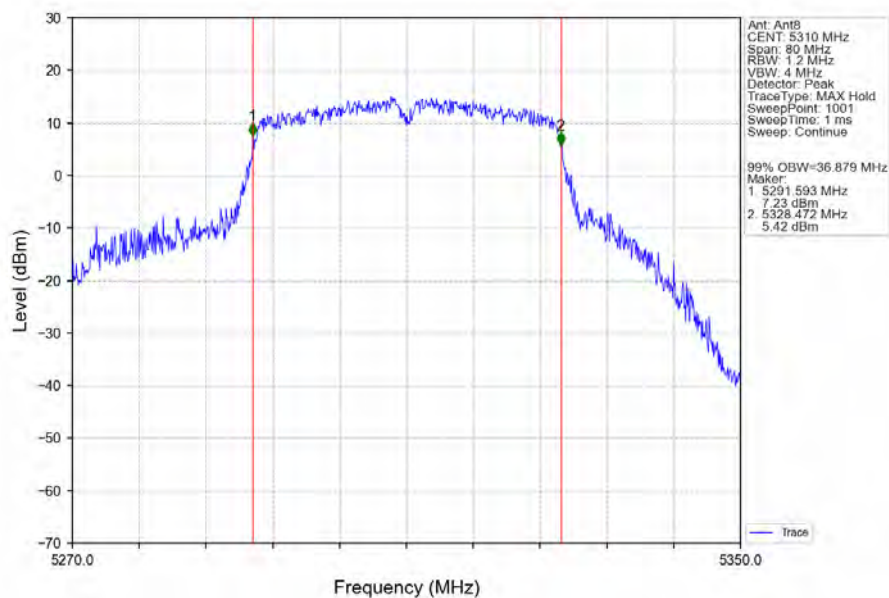
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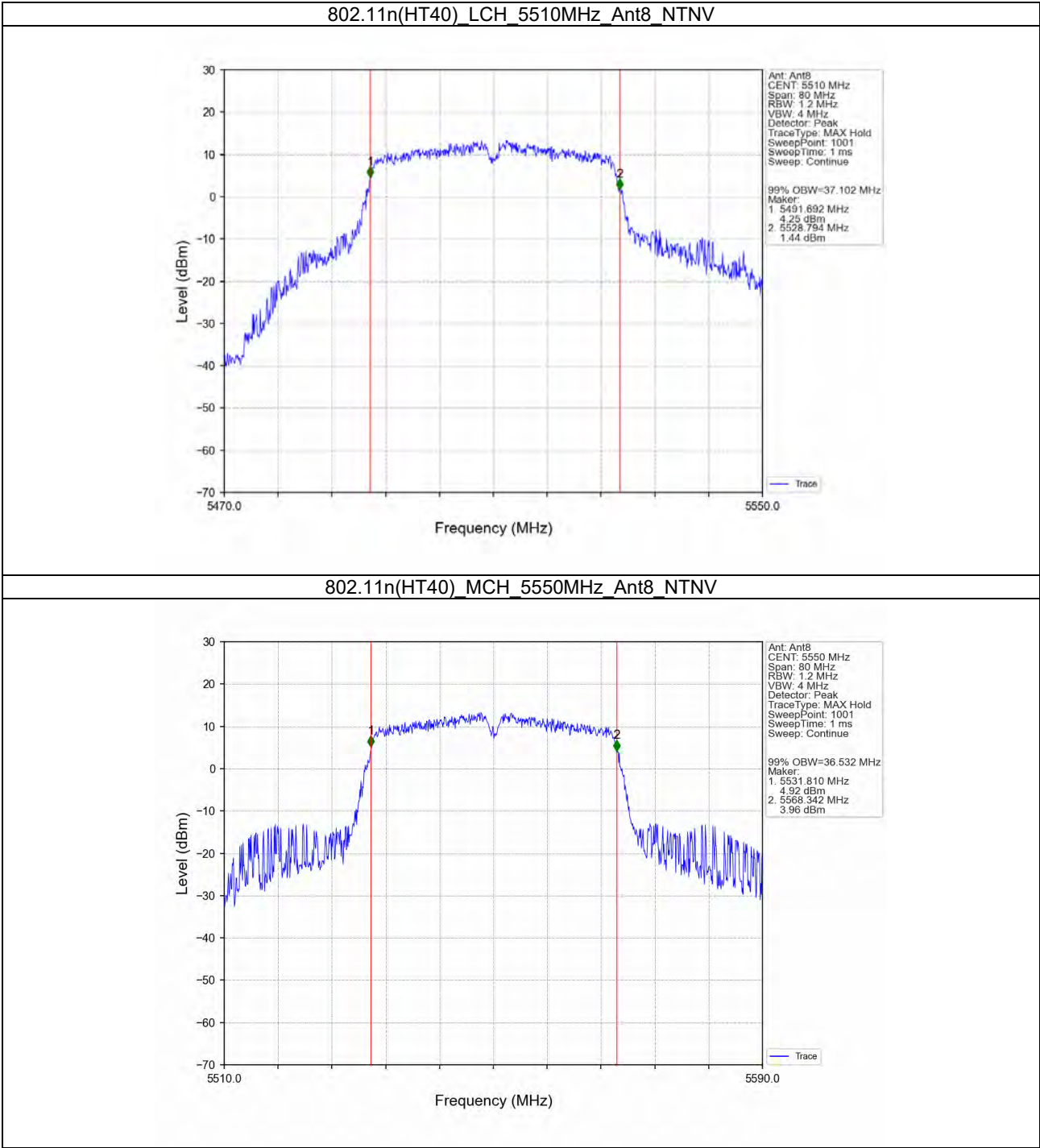


802.11n(HT40)_LCH_5270MHz_Ant8_NTNV

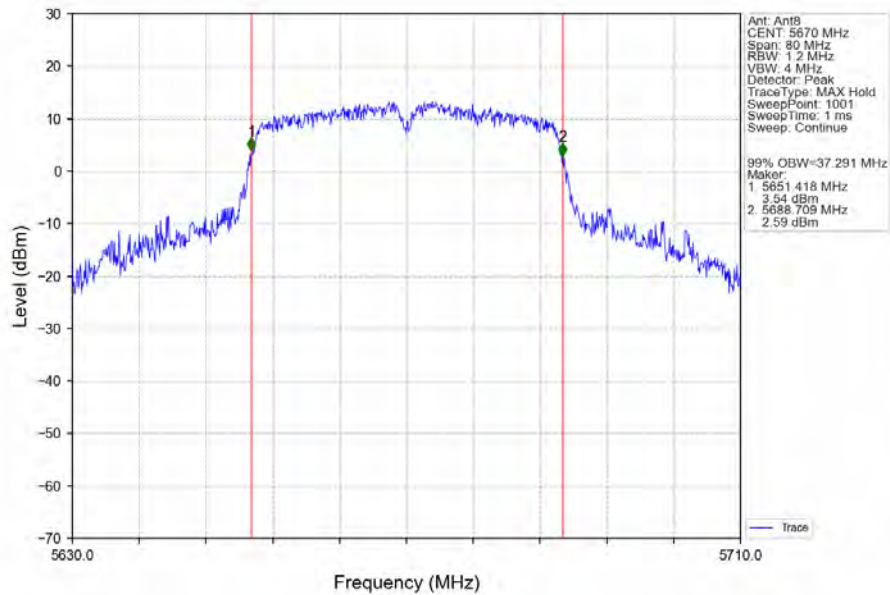


802.11n(HT40)_HCH_5310MHz_Ant8_NTNV

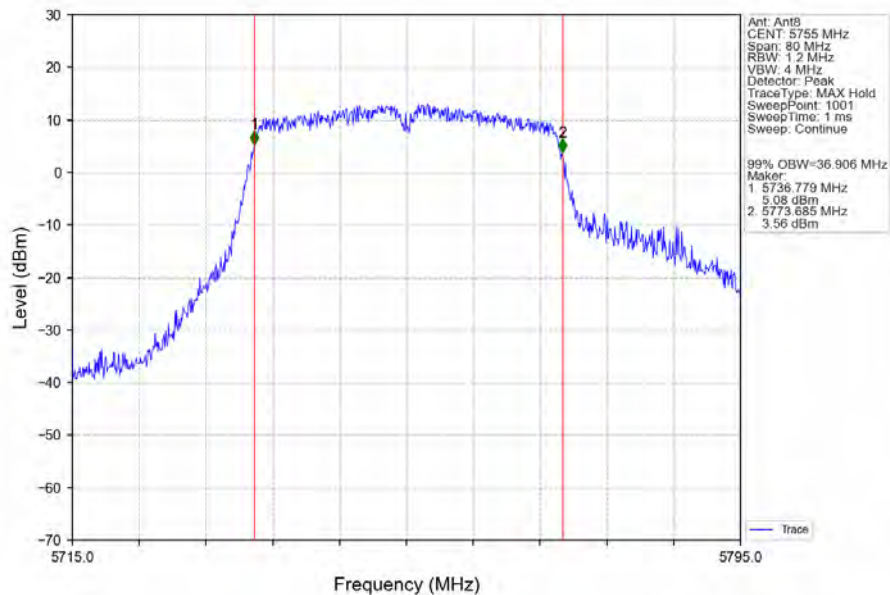




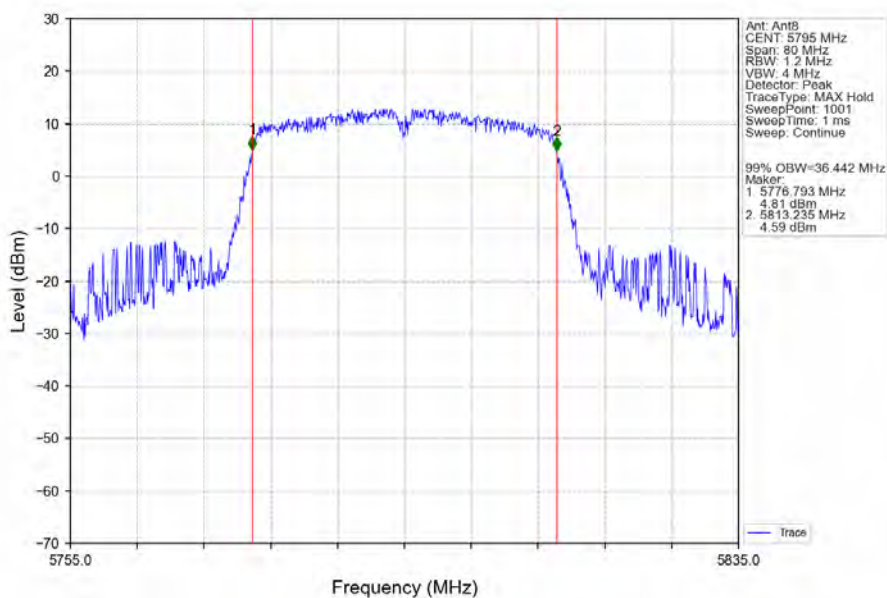
802.11n(HT40)_HCH_5670MHz_Ant8_NTNV



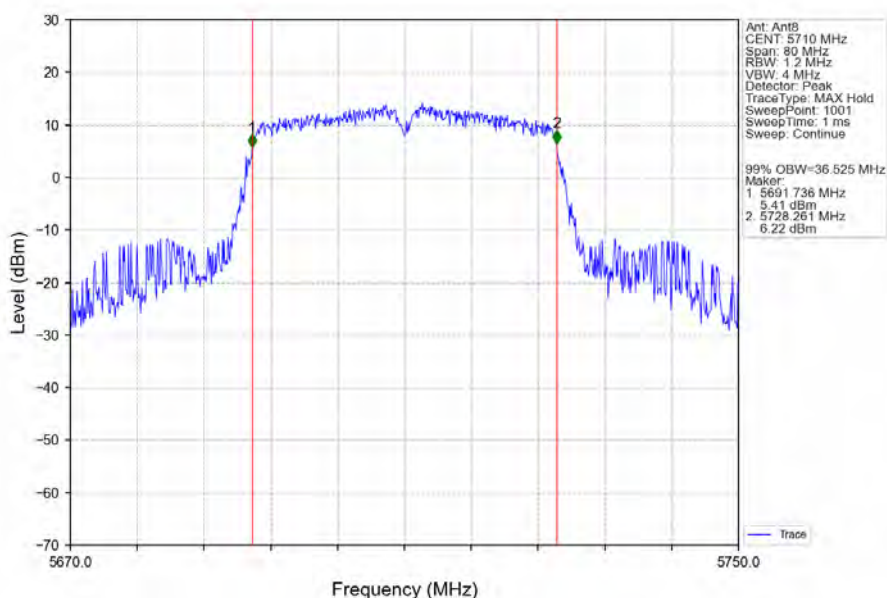
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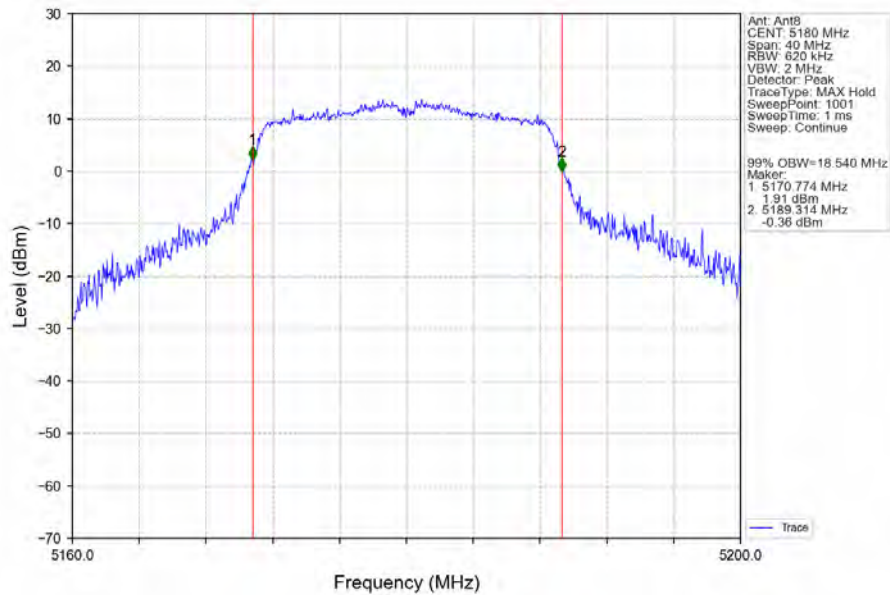
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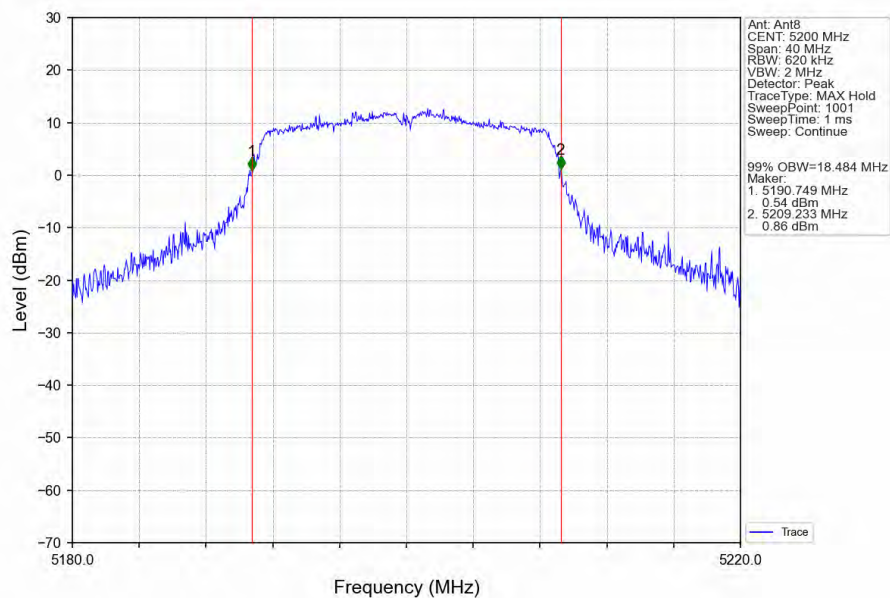
802.11n(HT40)_HCH_5710MHz_Ant8_NTNV



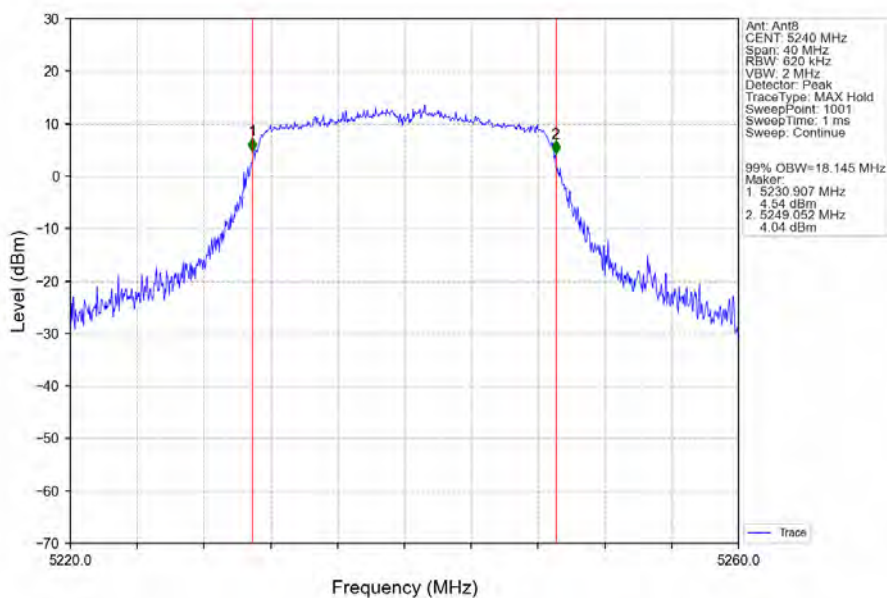
802.11ac(VHT20)_LCH_5180MHz_Ant8_NTNV



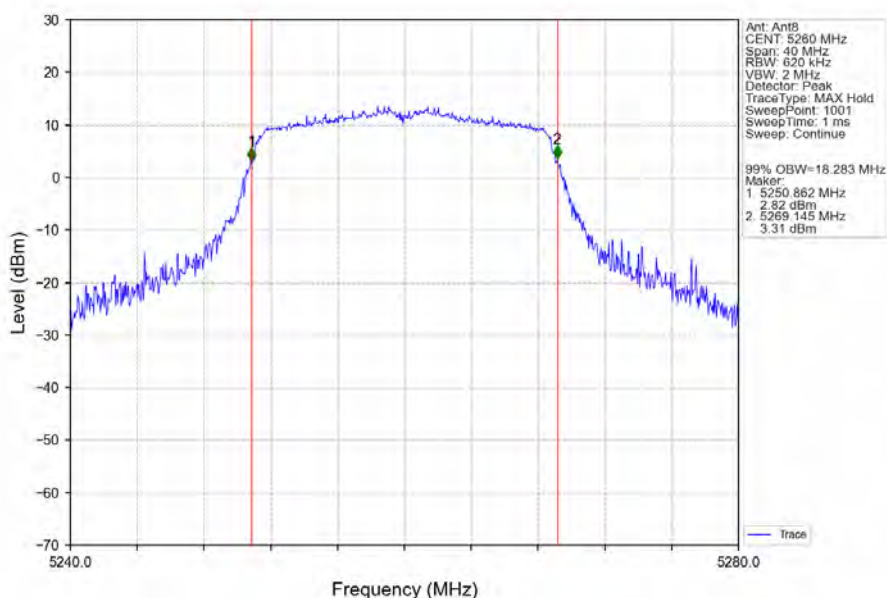
802.11ac(VHT20)_MCH_5200MHz_Ant8_NTNV



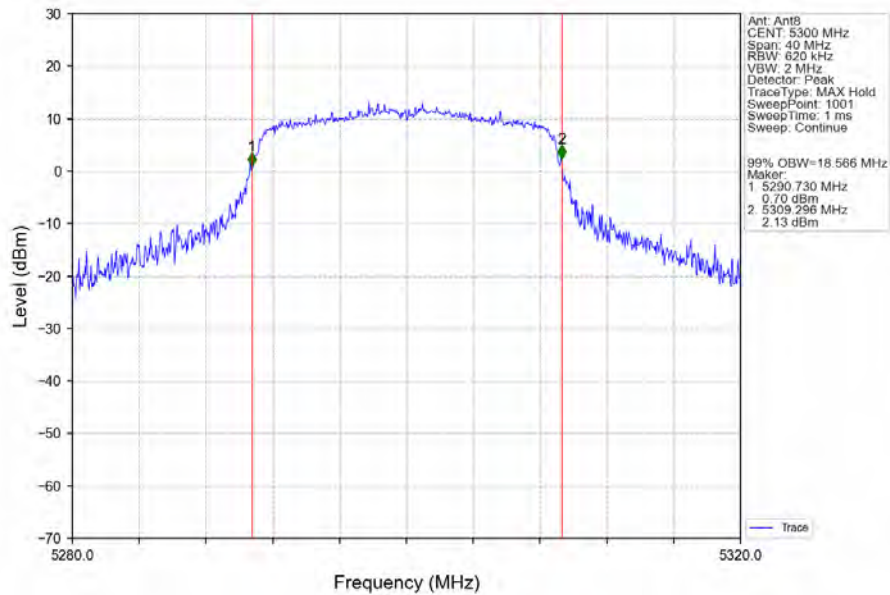
802.11ac(VHT20)_HCH_5240MHz_Ant8_NTNV



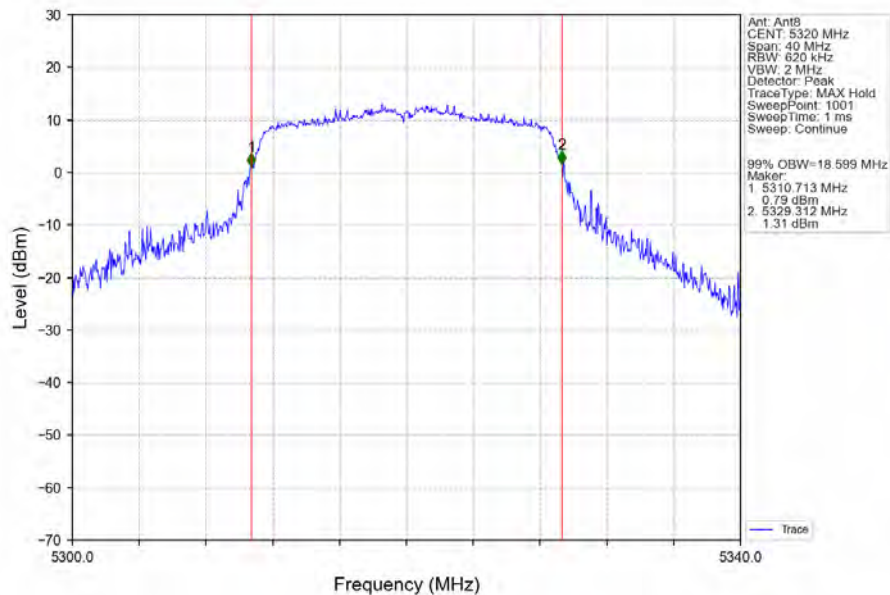
802.11ac(VHT20)_LCH_5260MHz_Ant8_NTNV



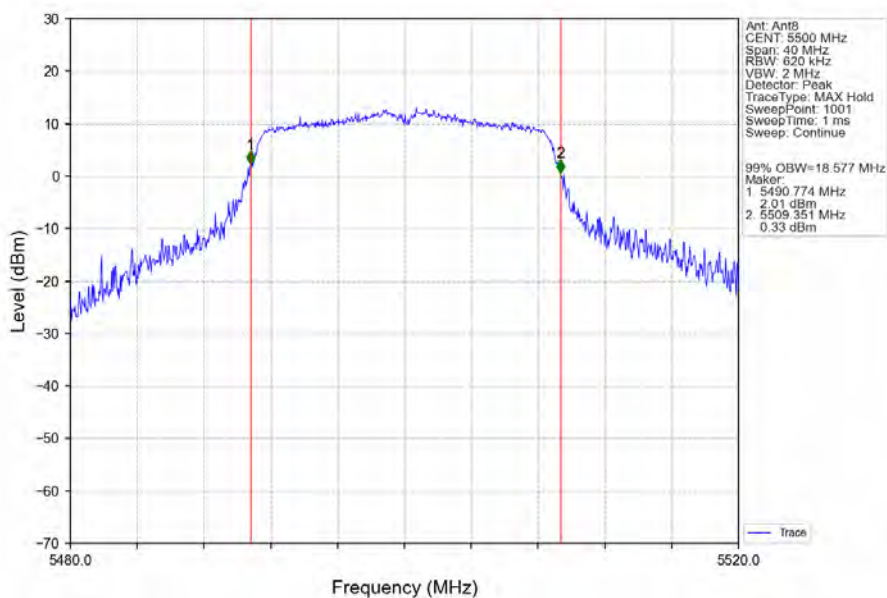
802.11ac(VHT20)_MCH_5300MHz_Ant8_NTNV



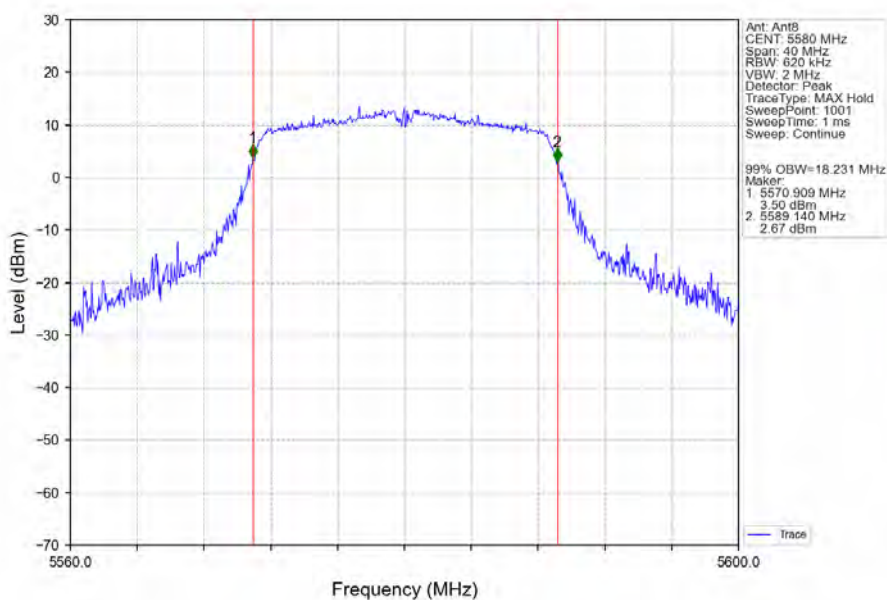
802.11ac(VHT20)_HCH_5320MHz_Ant8_NTNV



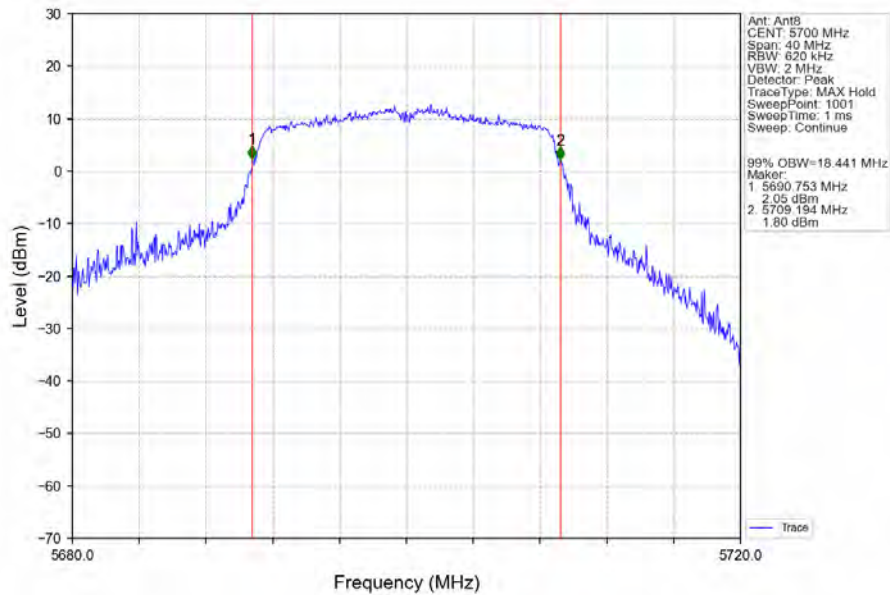
802.11ac(VHT20)_LCH_5500MHz_Ant8_NTNV



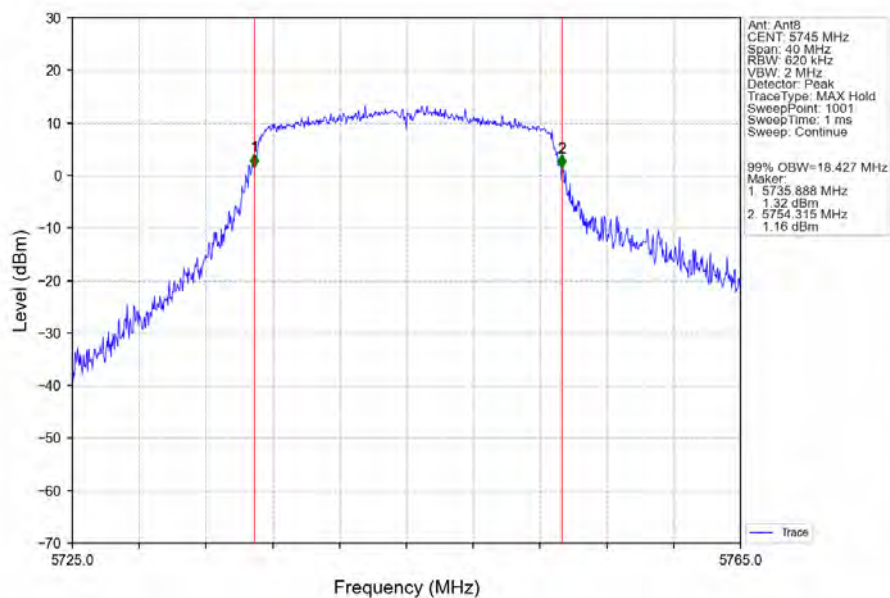
802.11ac(VHT20)_MCH_5580MHz_Ant8_NTNV



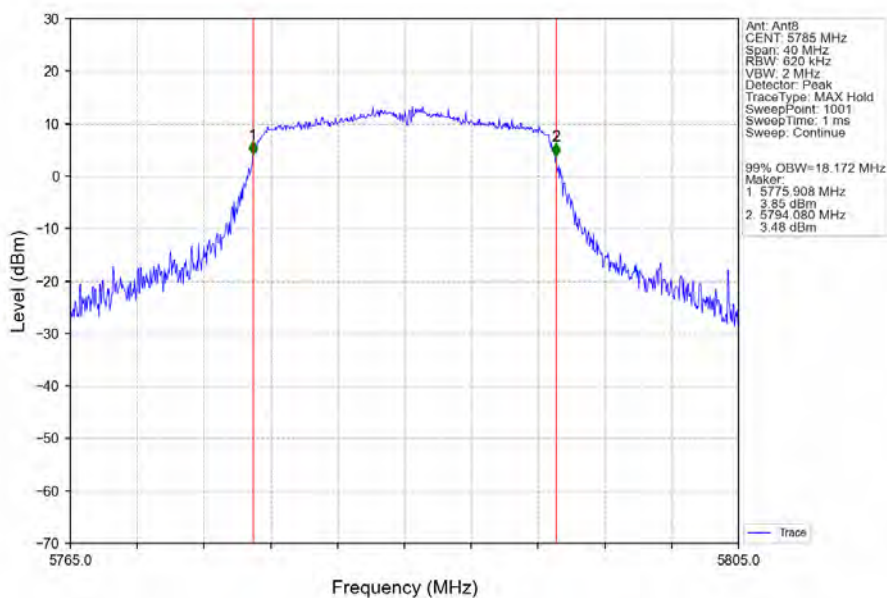
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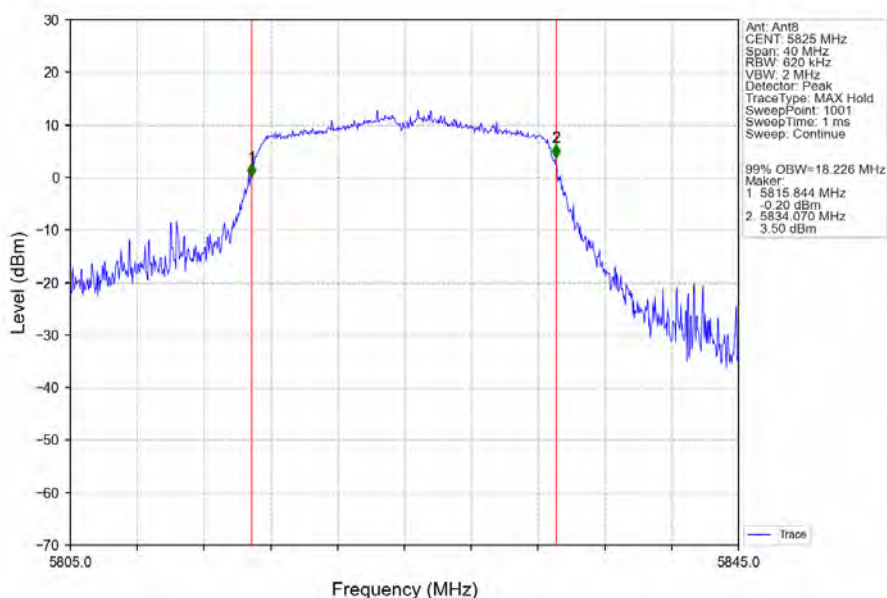
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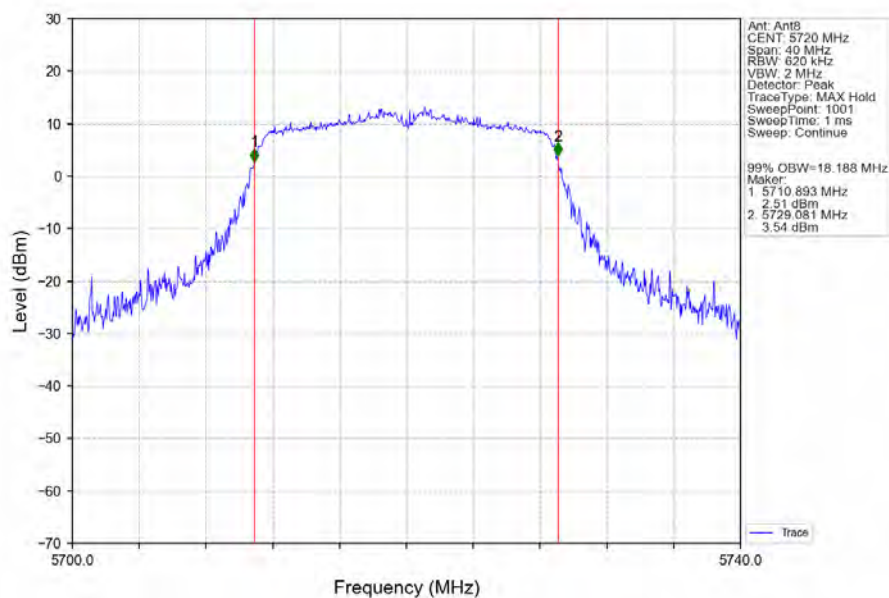
802.11ac(VHT20)_MCH_5785MHz_Ant8_NTNV



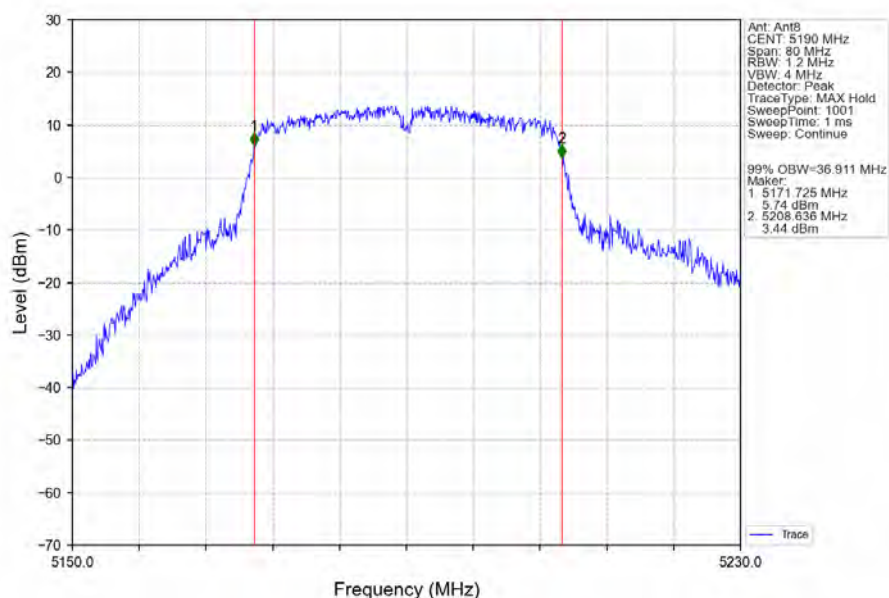
802.11ac(VHT20)_HCH_5825MHz_Ant8_NTNV



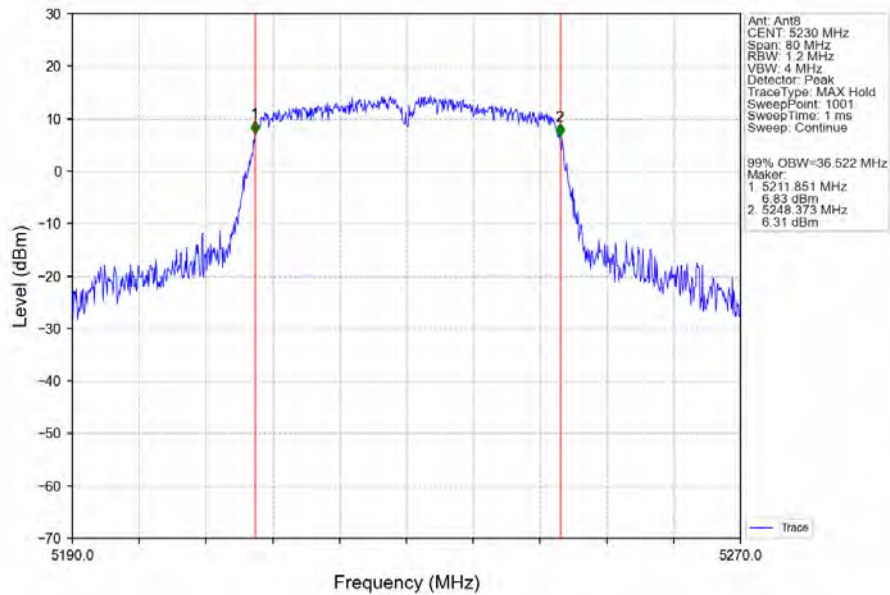
802.11ac(VHT20)_HCH_5720MHz_Ant8_NTNV



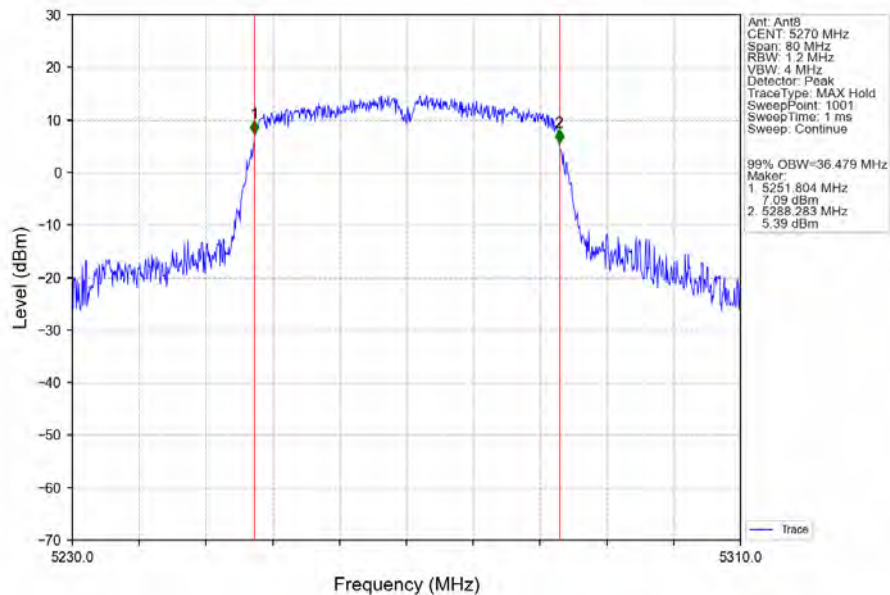
802.11ac(VHT40)_LCH_5190MHz_Ant8_NTNV



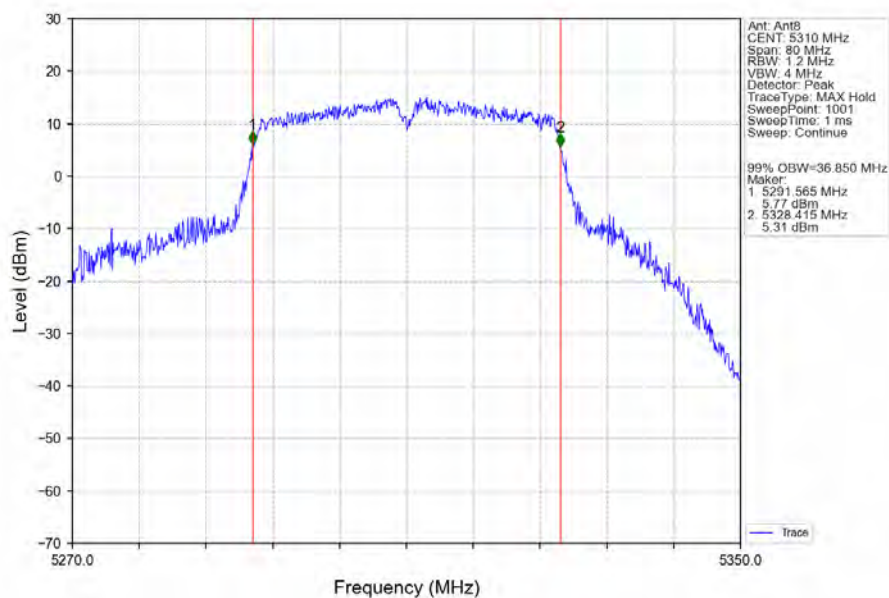
802.11ac(VHT40)_HCH_5230MHz_Ant8_NTNV



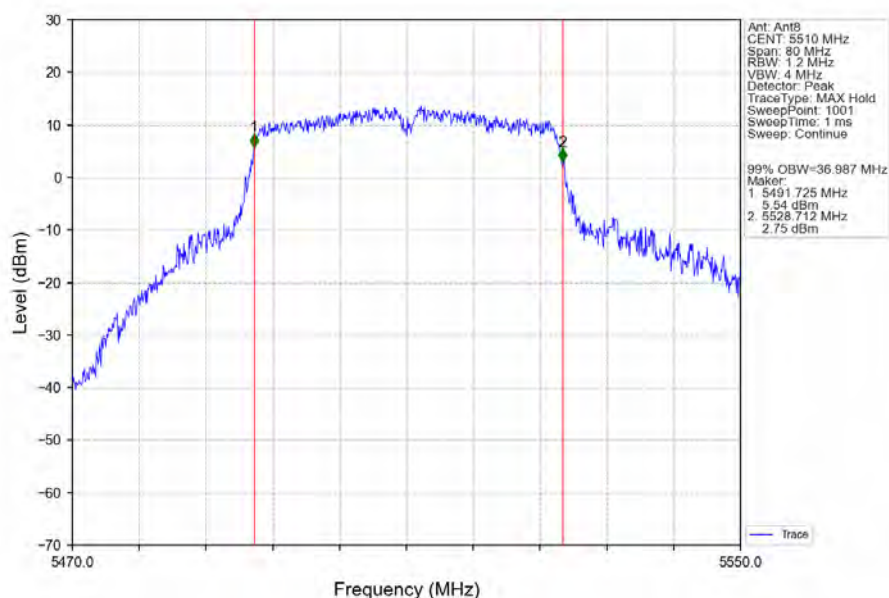
802.11ac(VHT40)_LCH_5270MHz_Ant8_NTNV



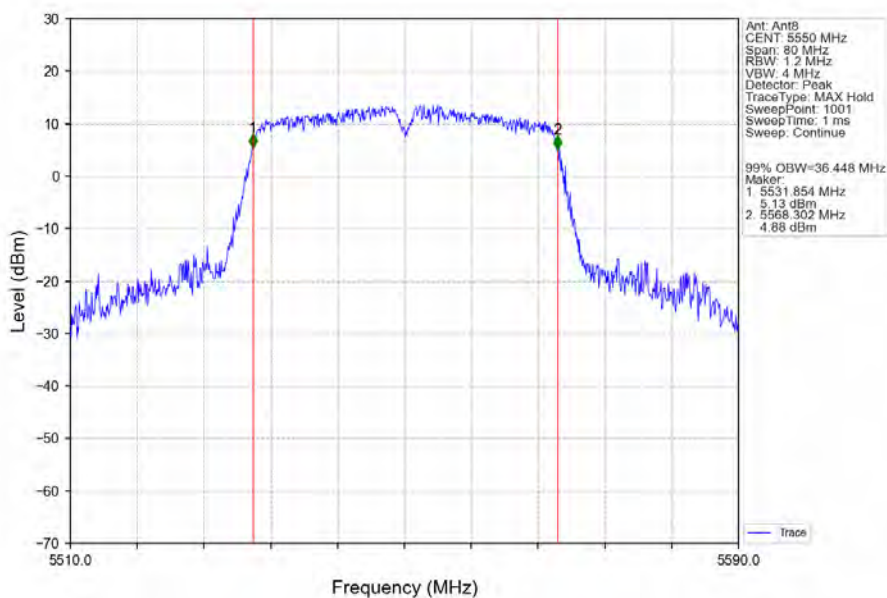
802.11ac(VHT40)_HCH_5310MHz_Ant8_NTNV



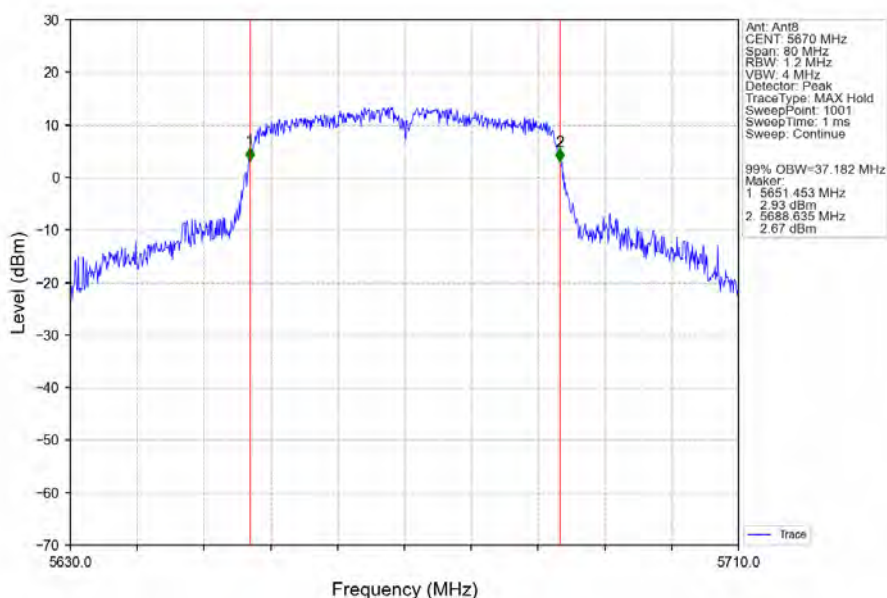
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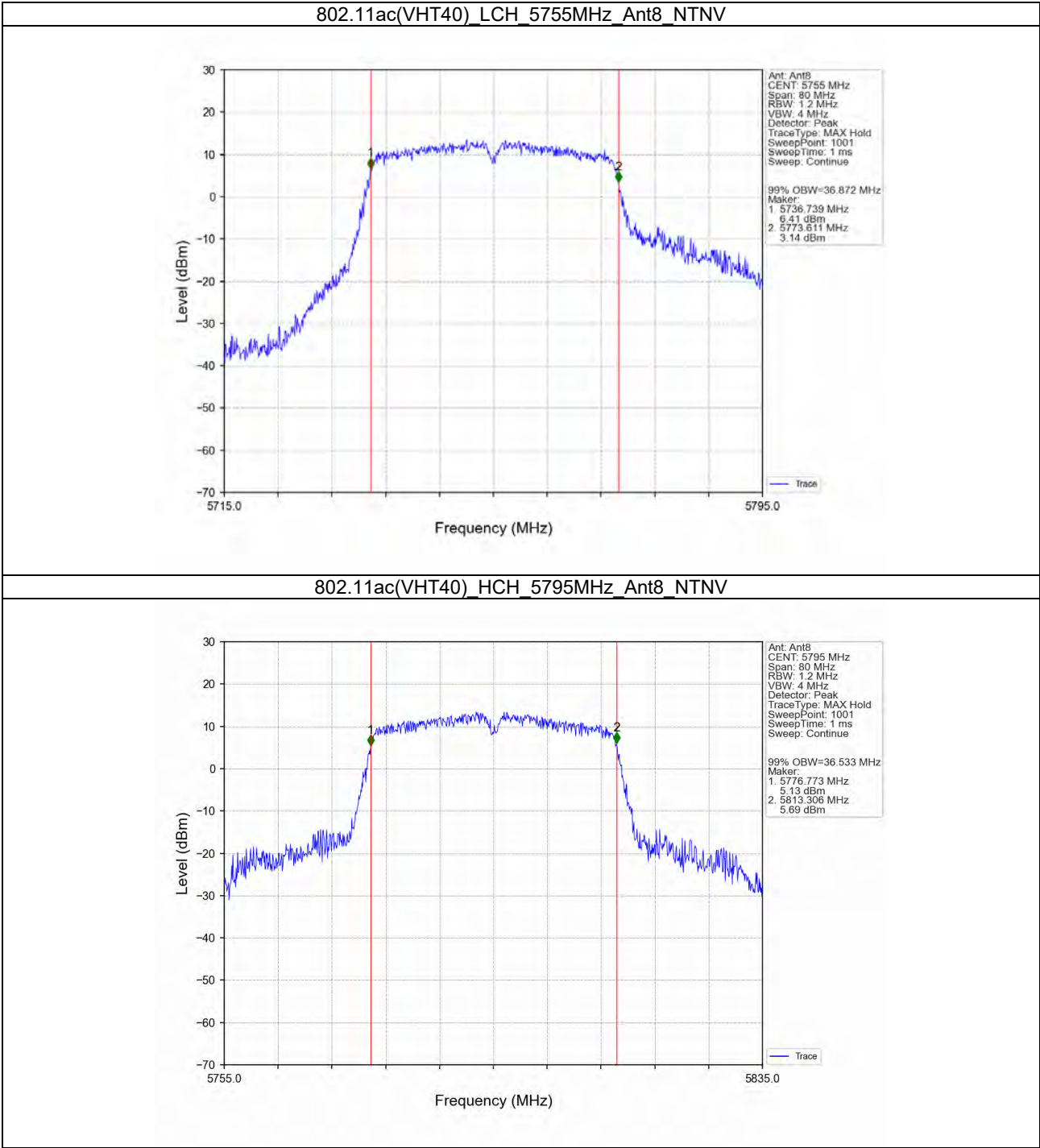


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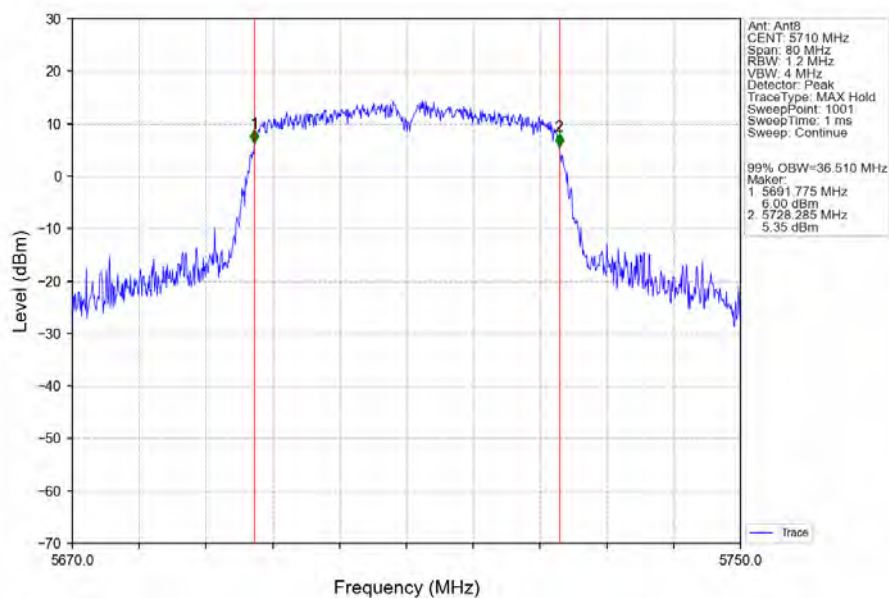


802.11ac(VHT40)_HCH_5670MHz_Ant8_NTNV

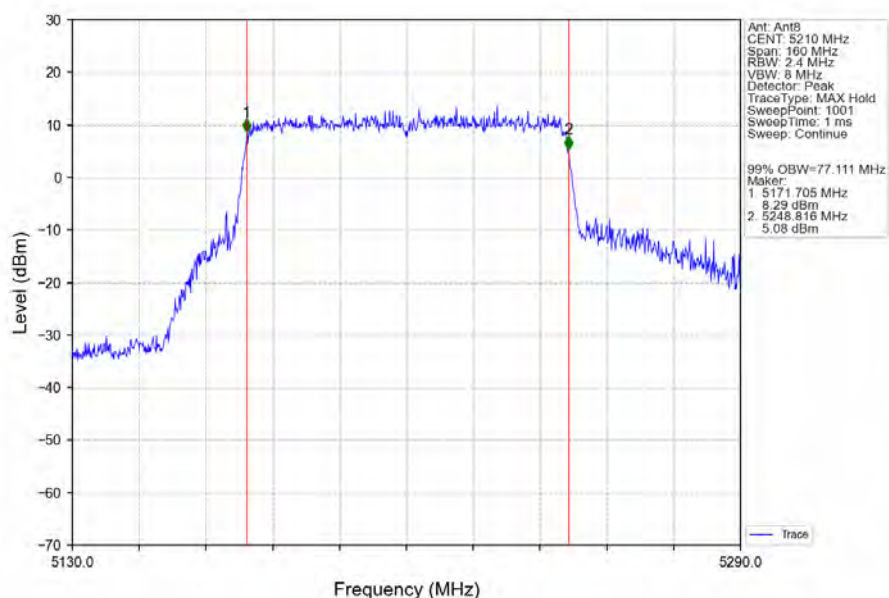




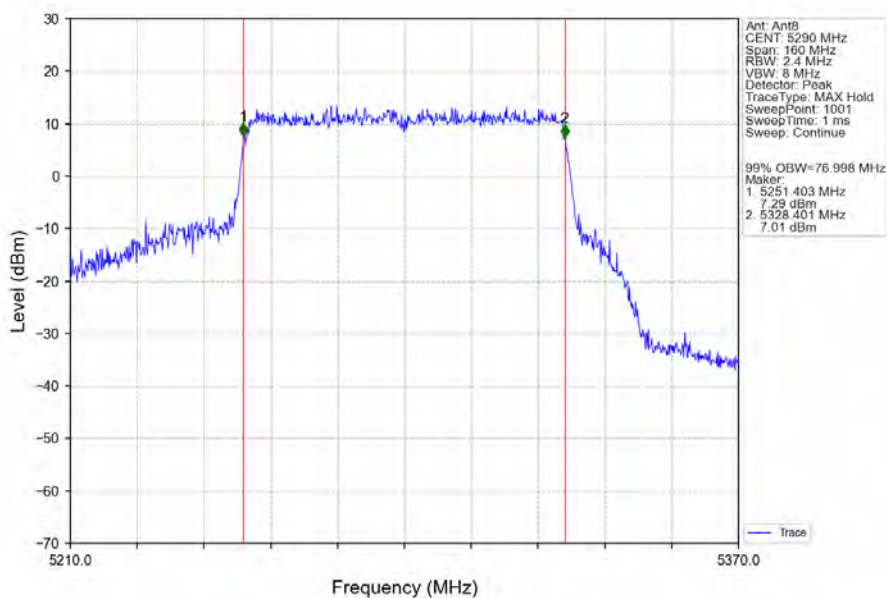
802.11ac(VHT40)_HCH_5710MHz_Ant8_NTNV



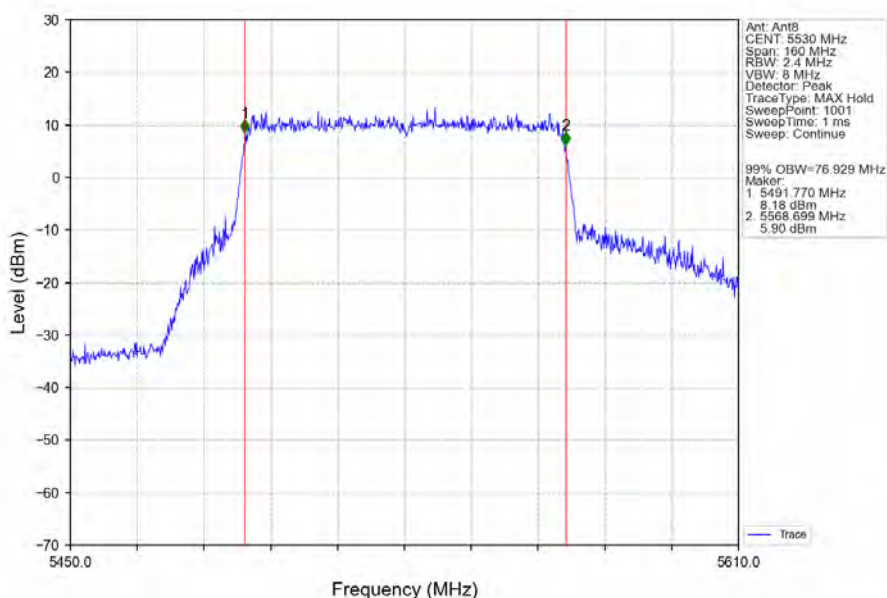
802.11ac(VHT80)_MCH_5210MHz_Ant8_NTNV



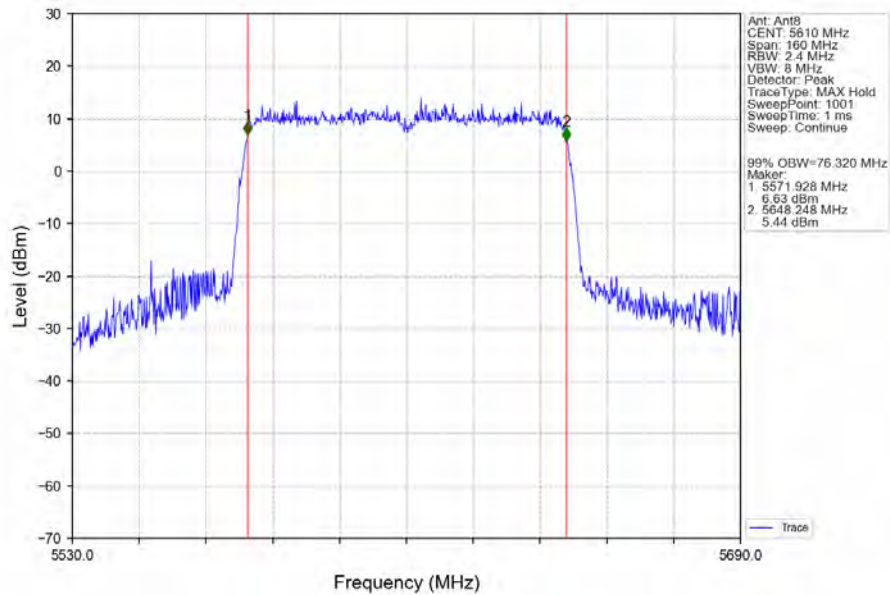
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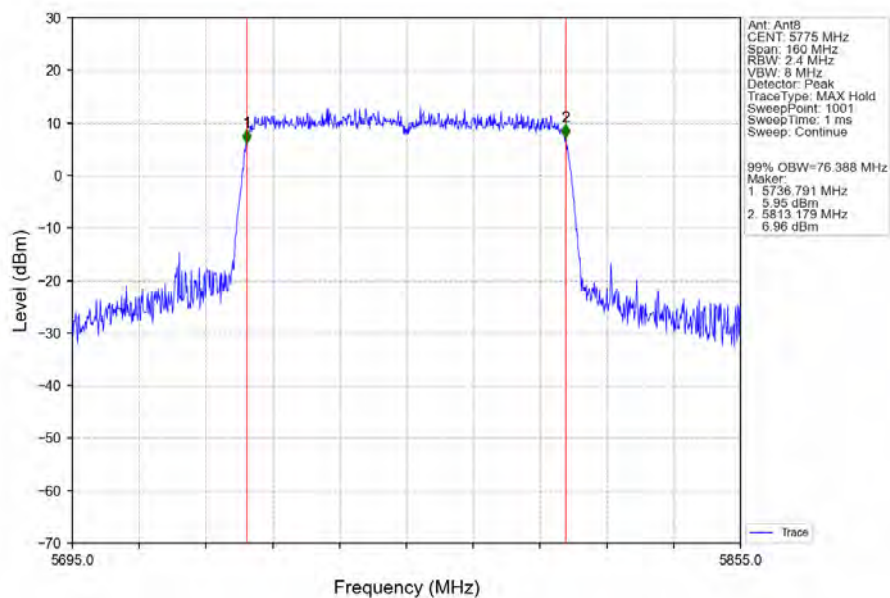
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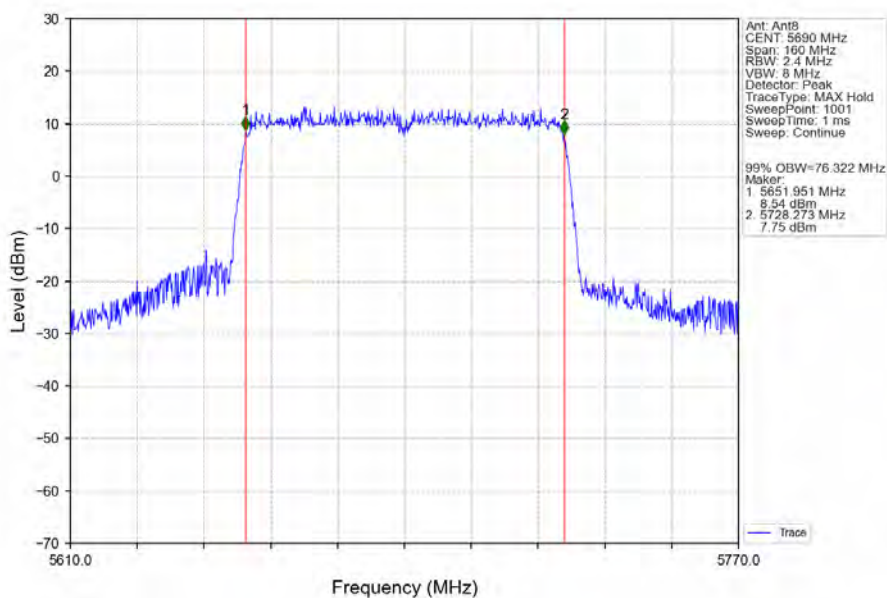
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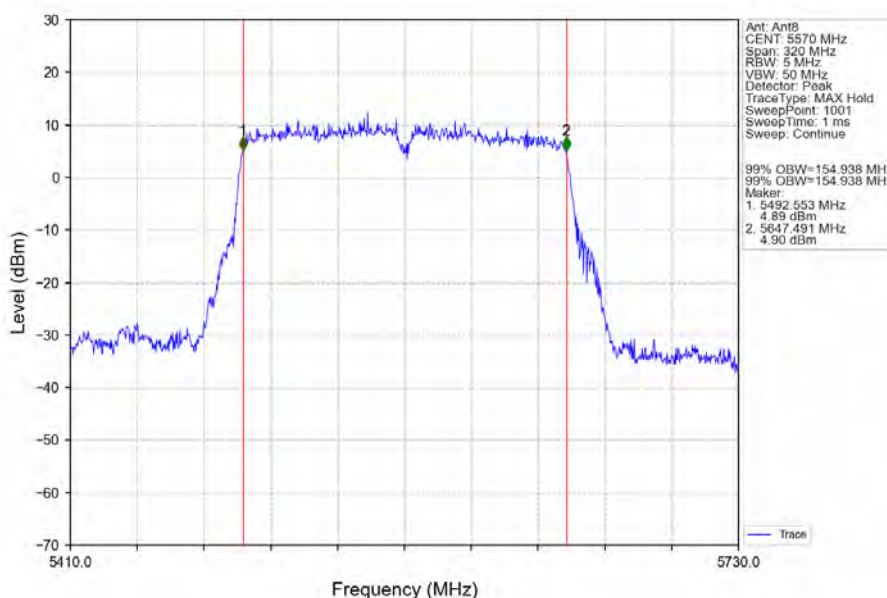
802.11ac(VHT80)_MCH_5775MHz_Ant8_NTNV



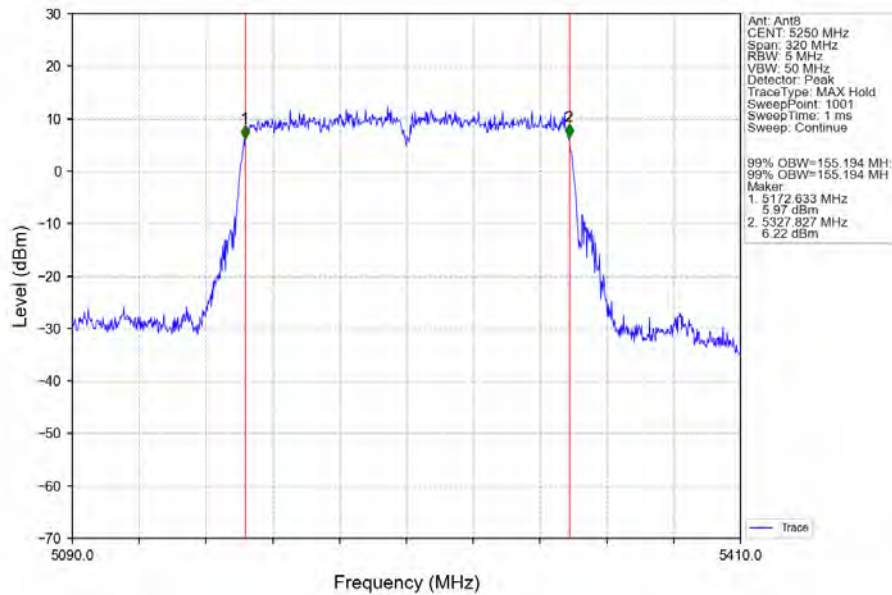
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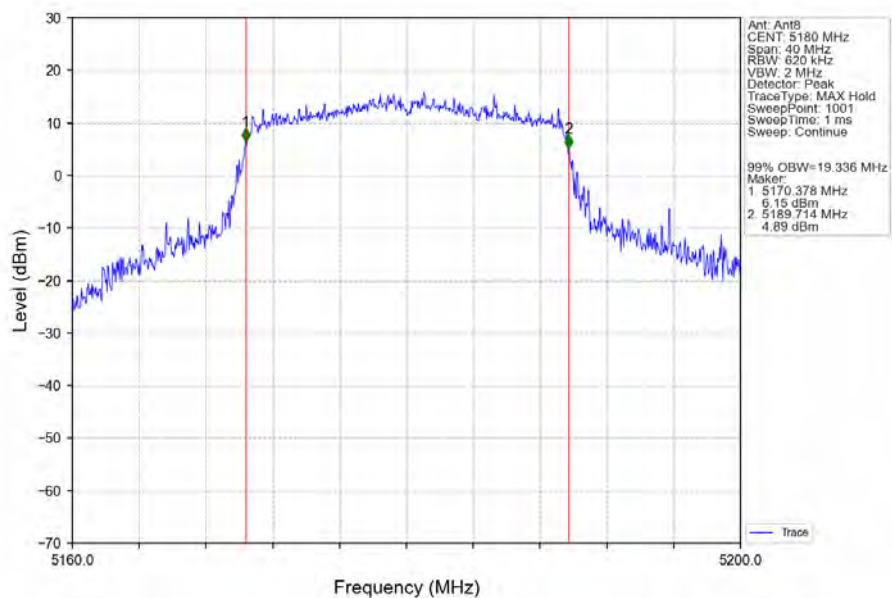
802.11ac(VHT160)_MCH_5570MHz_Ant8_NTNV



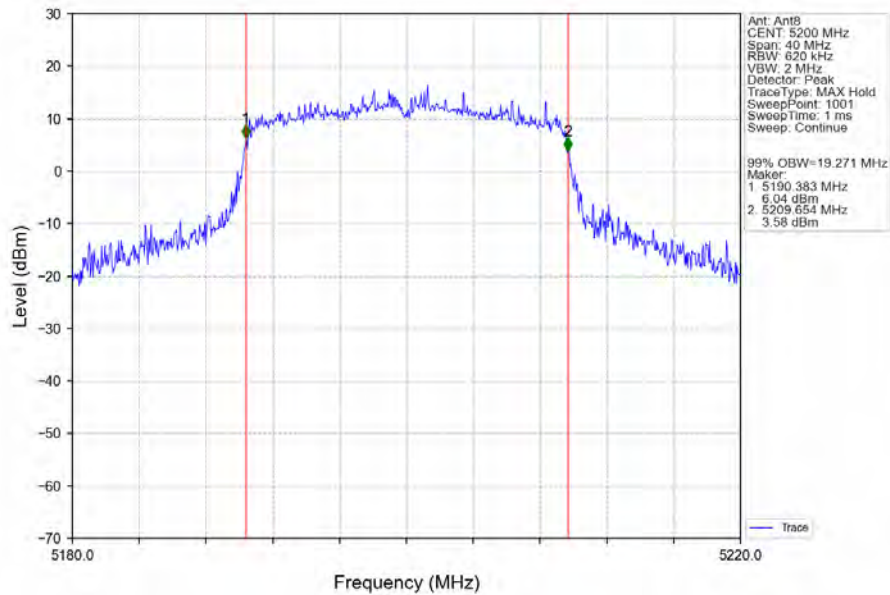
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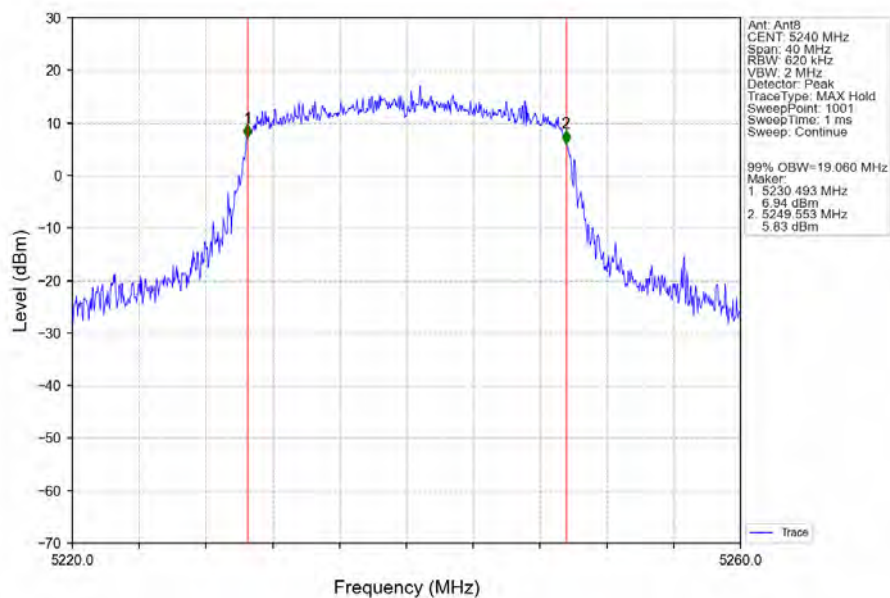
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant8_NTNV



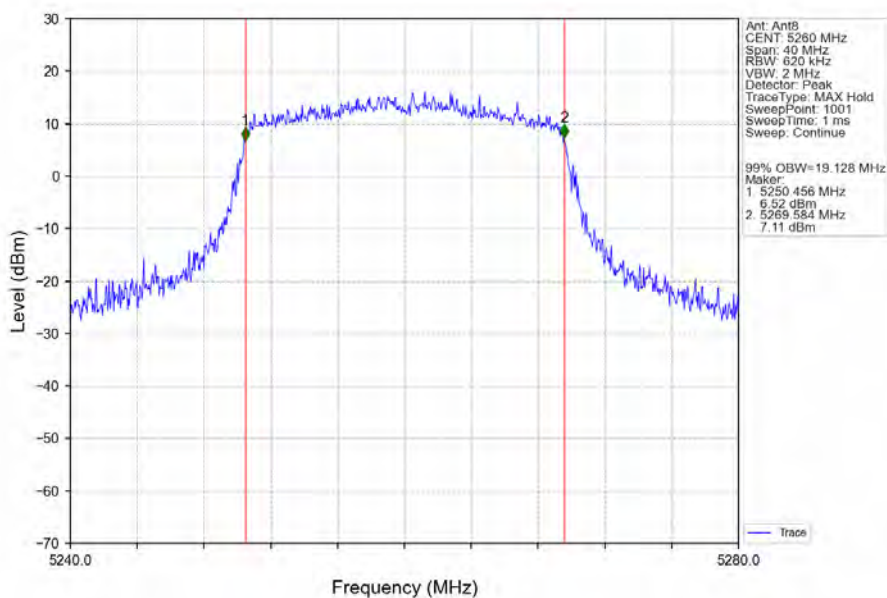
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant8_NTNV



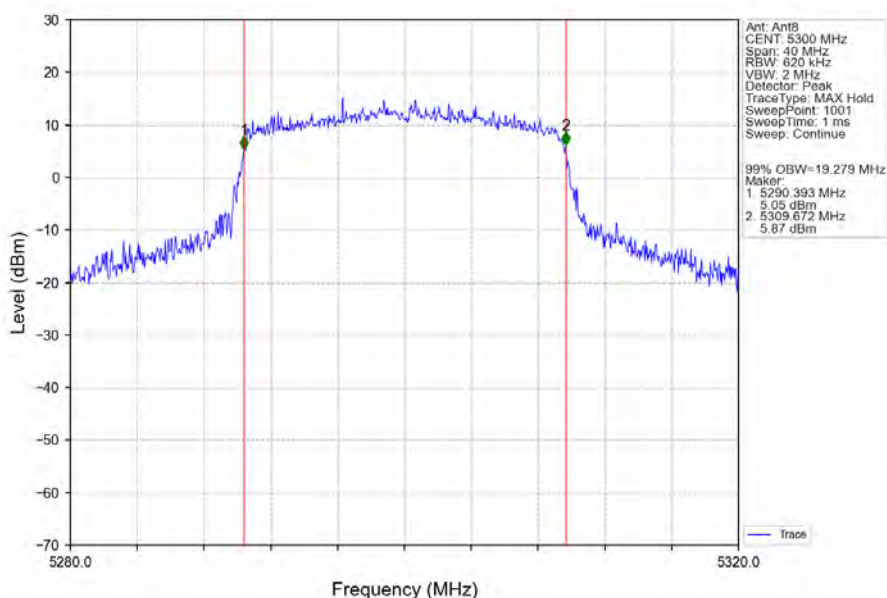
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant8_NTNV



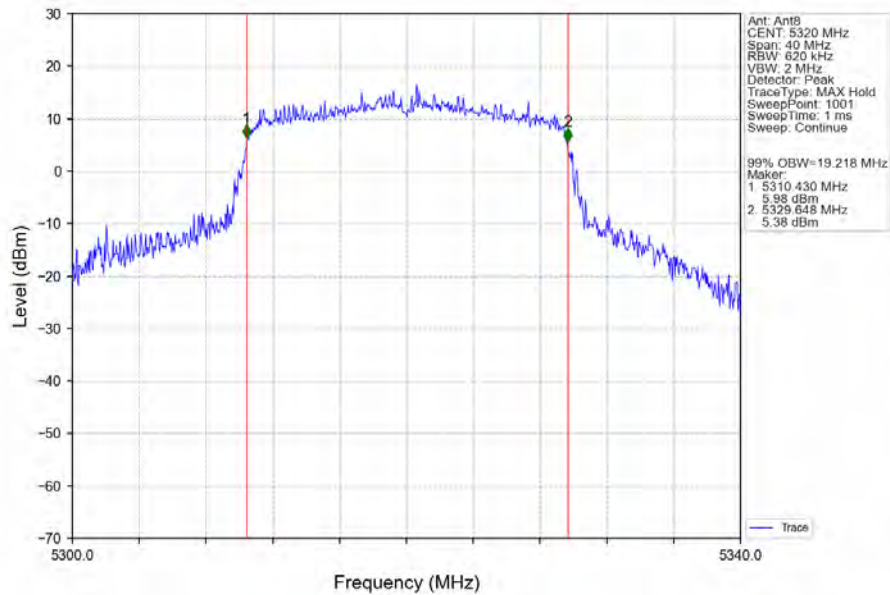
802.11ax(HEW20)_LCH_5260MHz_RU242_Left_Ant8_NTNV



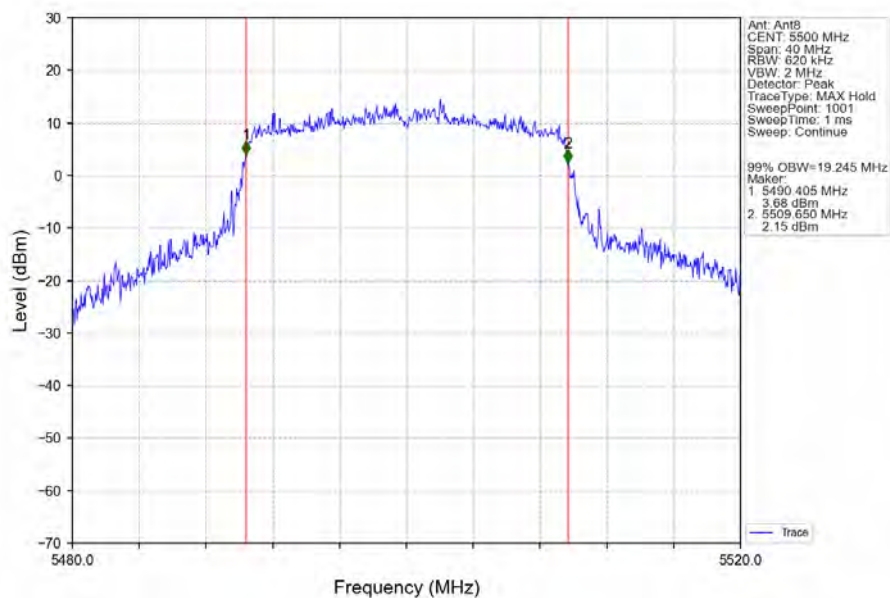
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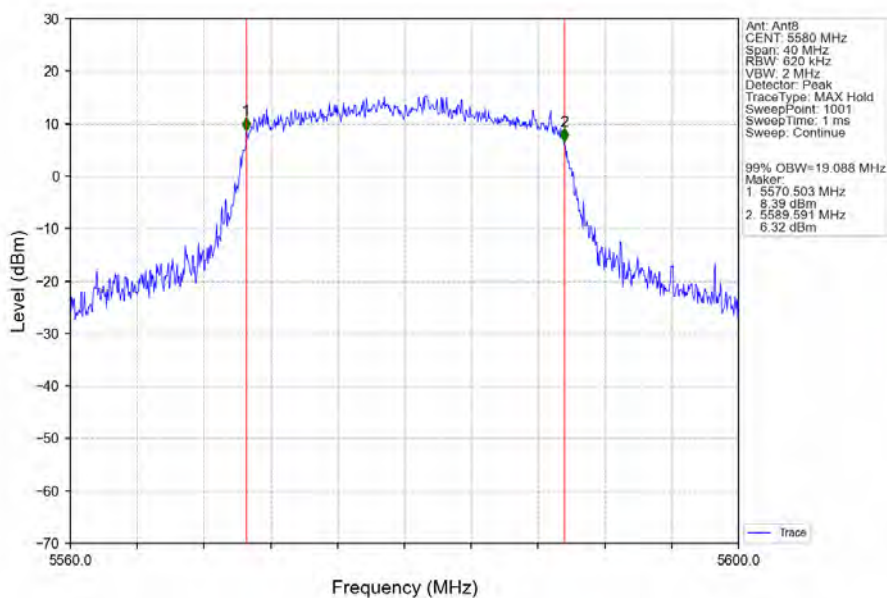
802.11ax(HEW20)_HCH_5320MHz_RU242_Left_Ant8_NTNV



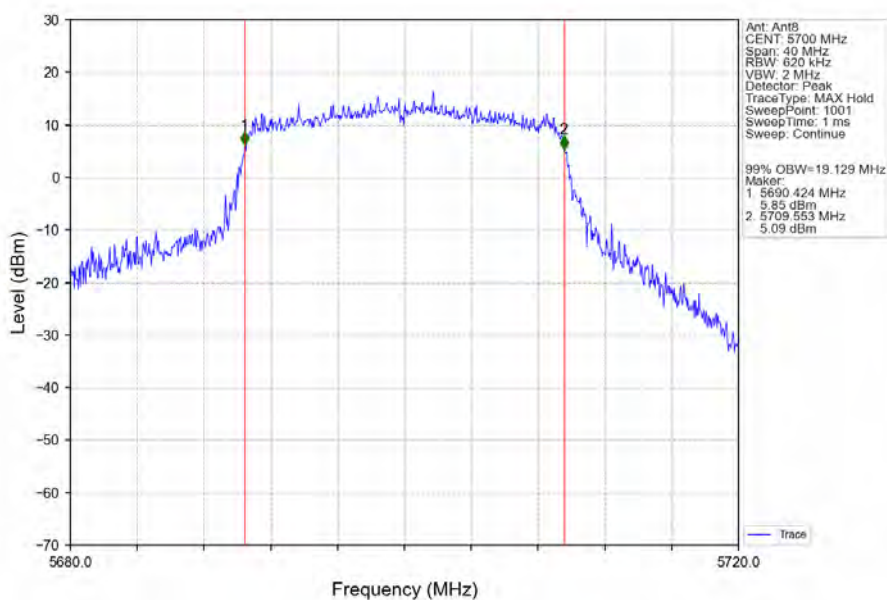
802.11ax(HEW20)_LCH_5500MHz_RU242_Left_Ant8_NTNV



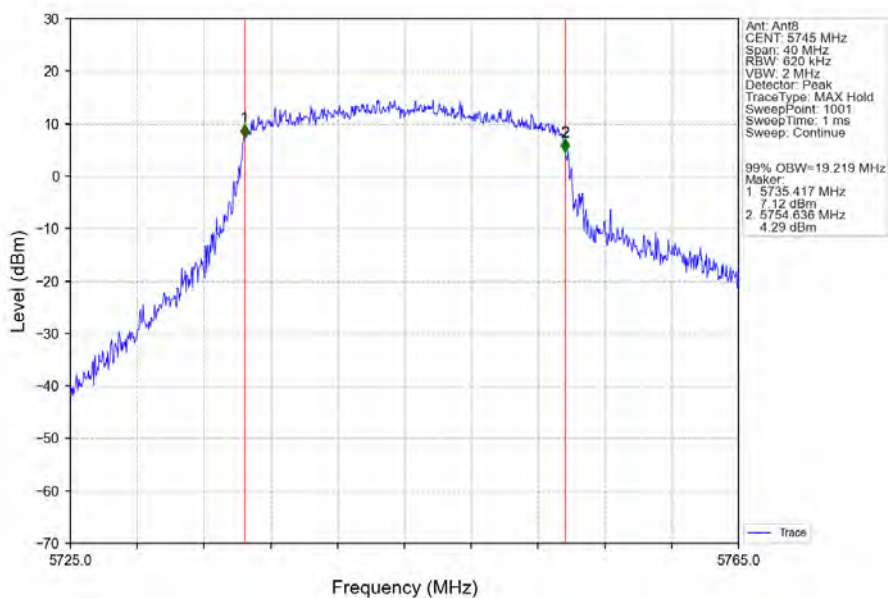
802.11ax(HEW20)_MCH_5580MHz_RU242_Left_Ant8_NTNV



802.11ax(HEW20)_HCH_5700MHz_RU242_Left_Ant8_NTNV



802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant8_NTNV



802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant8_NTNV

