

Appendix B

Product:	DG-L35T
Model	L35T

1. Duty Cycle

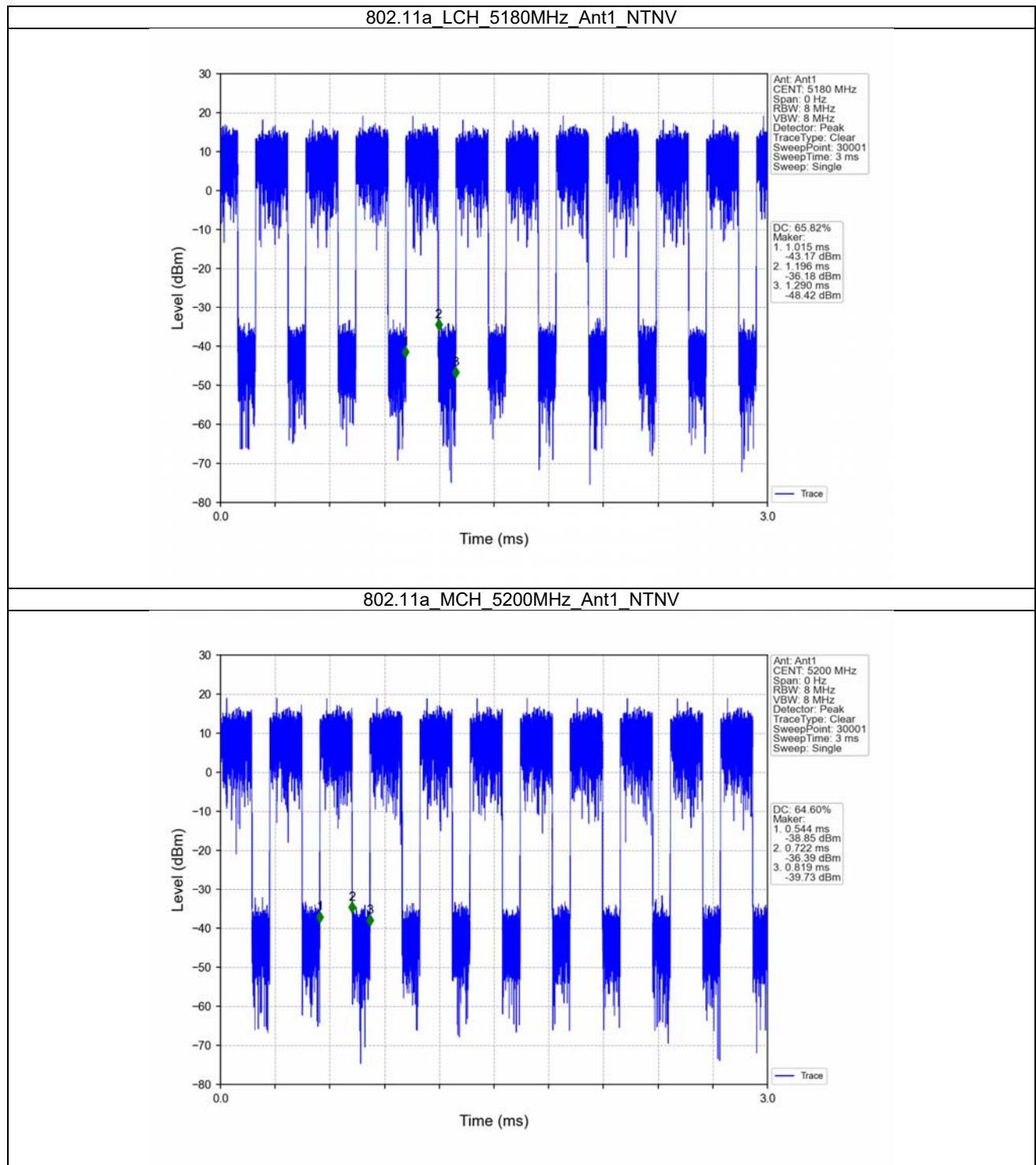
1.1 Ant1

1.1.1 Test Result

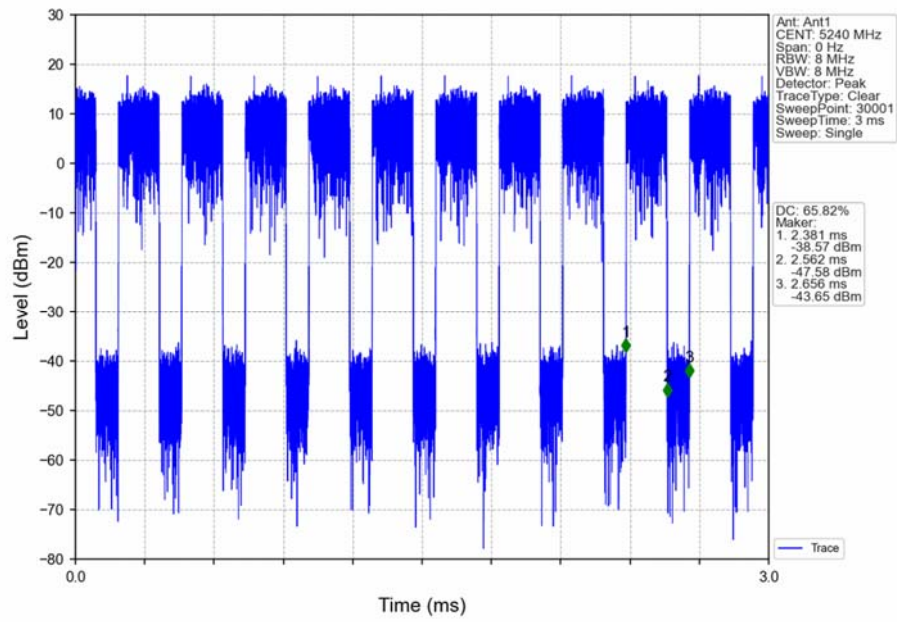
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	MIMO	5180	/	/	0.181	0.275	65.82	1.82	0.13
		5200	/	/	0.177	0.274	64.60	1.90	0.12
		5240	/	/	0.181	0.275	65.82	1.82	0.10
		5745	/	/	0.177	0.275	64.36	1.91	0.06
		5785	/	/	0.180	0.275	65.45	1.84	0.08
		5825	/	/	0.178	0.275	64.73	1.89	0.07
802.11n (HT20)	MIMO	5180	/	/	0.168	0.263	63.88	1.95	0.19
		5200	/	/	0.168	0.262	64.12	1.93	0.10
		5240	/	/	0.165	0.263	62.74	2.02	0.11
		5745	/	/	0.168	0.263	63.88	1.95	0.08
		5785	/	/	0.165	0.263	62.74	2.02	0.14
		5825	/	/	0.166	0.263	63.12	2.00	0.15
802.11n (HT40)	MIMO	5190	/	/	0.100	0.199	50.25	2.99	0.07
		5230	/	/	0.100	0.199	50.25	2.99	0.05
		5755	/	/	0.100	0.199	50.25	2.99	0.03
		5795	/	/	0.100	0.199	50.25	2.99	0.10
802.11ac (VHT20)	MIMO	5180	/	/	1.932	1.951	99.03	0.04	0.00
		5200	/	/	1.932	1.952	98.98	0.04	0.03
		5240	/	/	1.932	1.951	99.03	0.04	0.03
		5745	/	/	1.935	1.952	99.13	0.04	0.03
		5785	/	/	29.307	29.623	98.93	0.05	0.00
		5825	/	/	1.932	1.951	99.03	0.04	0.00
802.11ac (VHT40)	MIMO	5190	/	/	1.544	1.563	98.78	0.05	0.03
		5230	/	/	60.293	60.620	99.46	0.02	0.00
		5755	/	/	1.544	1.564	98.72	0.06	0.03
		5795	/	/	1.547	1.564	98.91	0.05	0.07
802.11ac (VHT80)	MIMO	5210	/	/	2.243	2.260	99.25	0.03	0.04
		5775	/	/	2.243	2.259	99.29	0.03	0.00
802.11ax (HEW20)	MIMO	5180	RU242	Left	1.487	1.516	98.09	0.08	0.03
		5200	RU242	Left	1.487	1.516	98.09	0.08	0.03
		5240	RU242	Left	1.489	1.516	98.22	0.08	0.03
		5745	RU242	Left	1.490	1.516	98.28	0.08	0.03
		5785	RU242	Left	1.489	1.516	98.22	0.08	0.03
		5825	RU242	Left	1.490	1.516	98.28	0.08	0.03
802.11ax (HEW40)	MIMO	5190	RU484	Left	0.775	0.802	96.63	0.15	0.03
		5230	RU484	Left	0.775	0.801	96.75	0.14	0.03
		5755	RU484	Left	0.775	0.802	96.63	0.15	0.03
		5795	RU484	Left	0.775	0.801	96.75	0.14	0.00
802.11ax (HEW80)	MIMO	5210	RU996	Left	0.404	0.430	93.95	0.27	0.03
		5775	RU996	Left	0.405	0.431	93.97	0.27	0.15

Note: ANT 1(2) Represent the value of antenna 1 and 2, The worst data is Antenna 1, only shown Antenna 1 Plot.

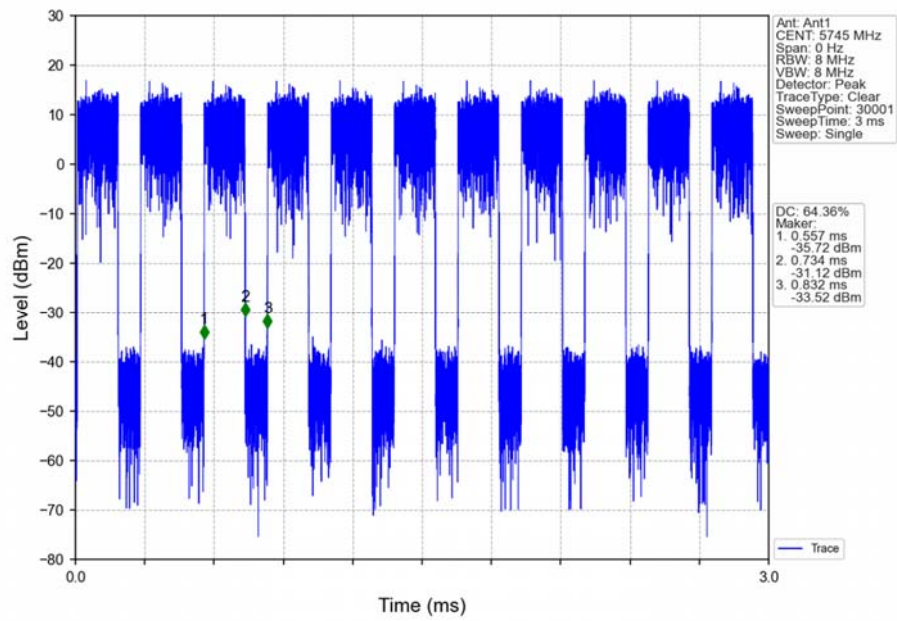
1.1.2 Test Graph



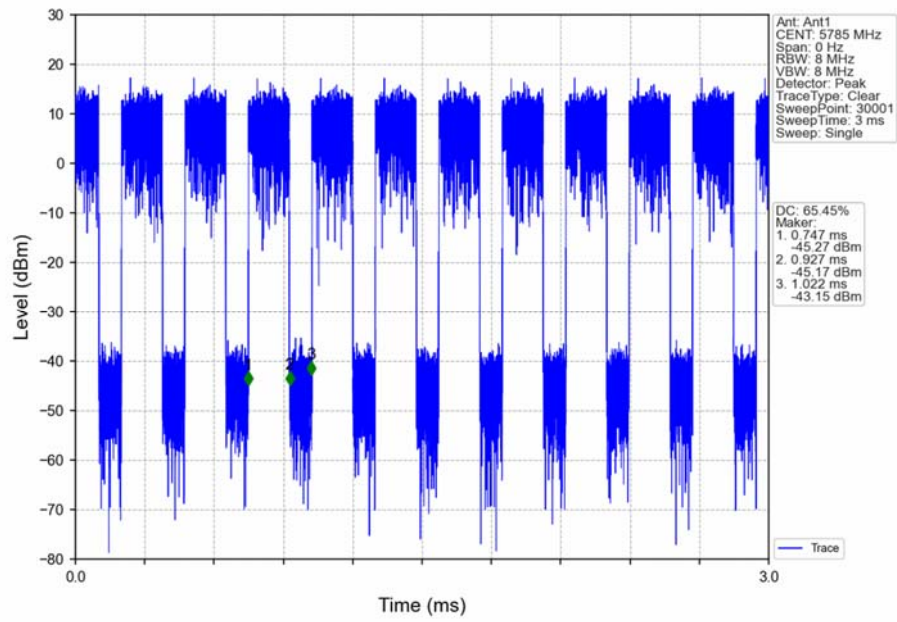
802.11a_HCH_5240MHz_Ant1_NTNV



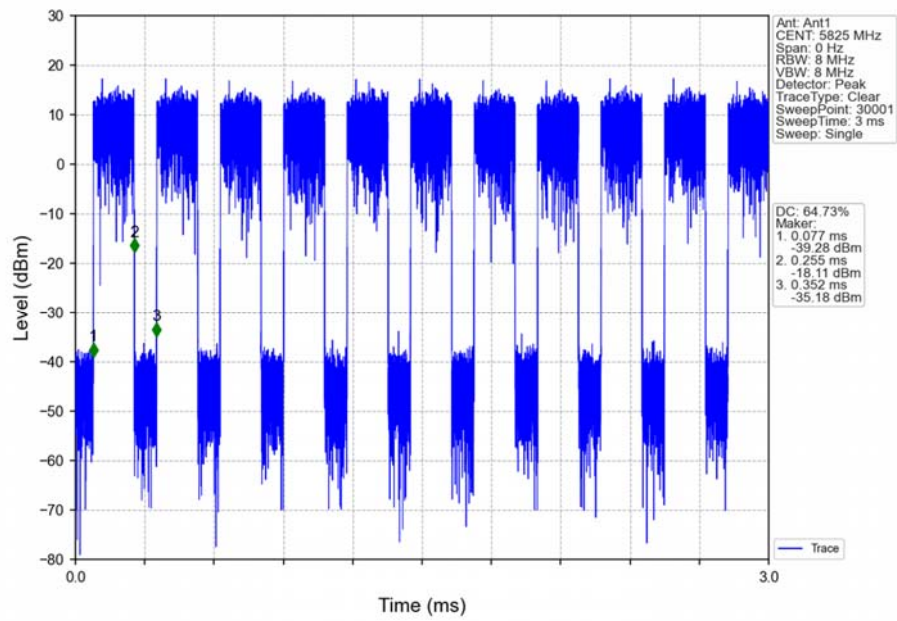
802.11a_LCH_5745MHz_Ant1_NTNV



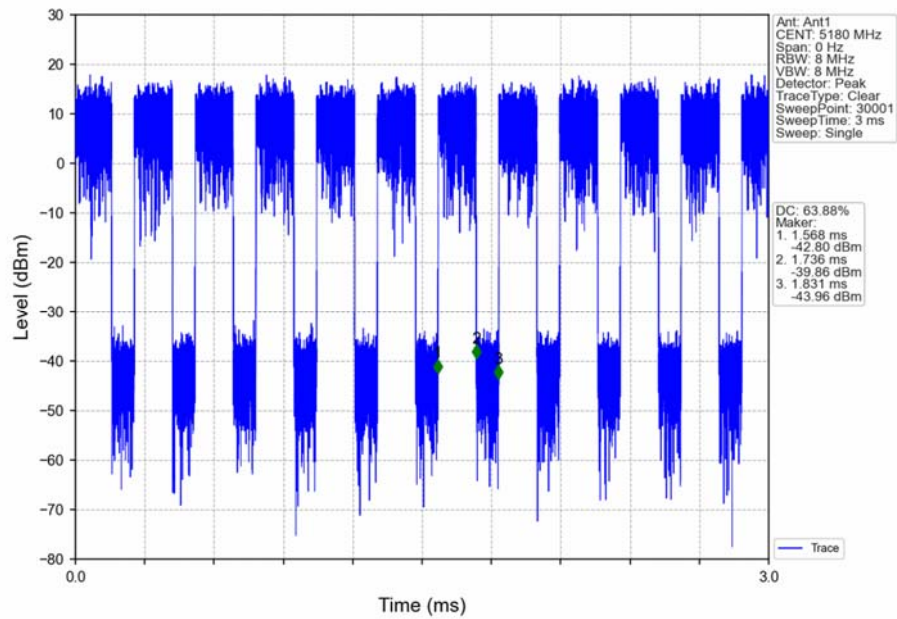
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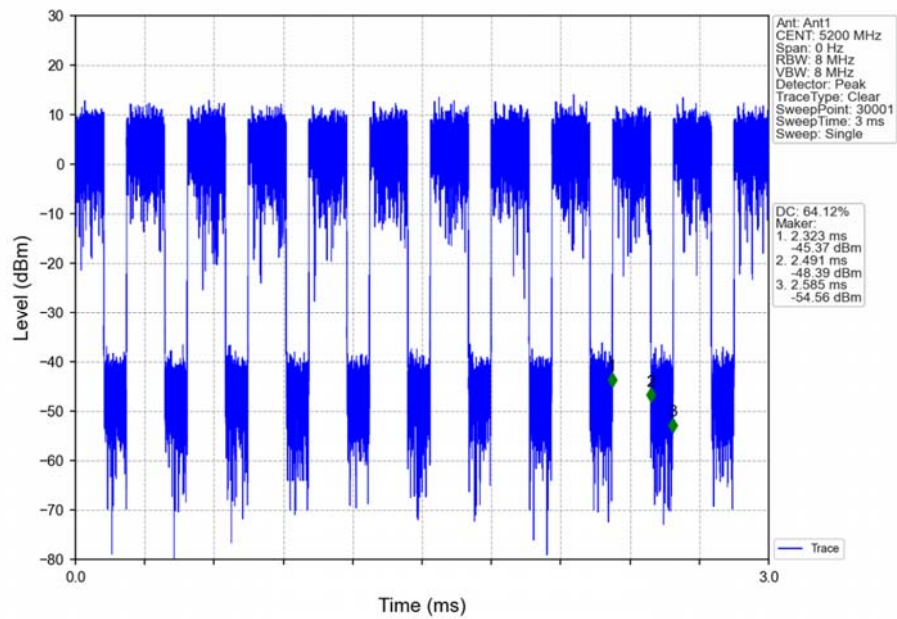
802.11a_HCH_5825MHz_Ant1_NTNV



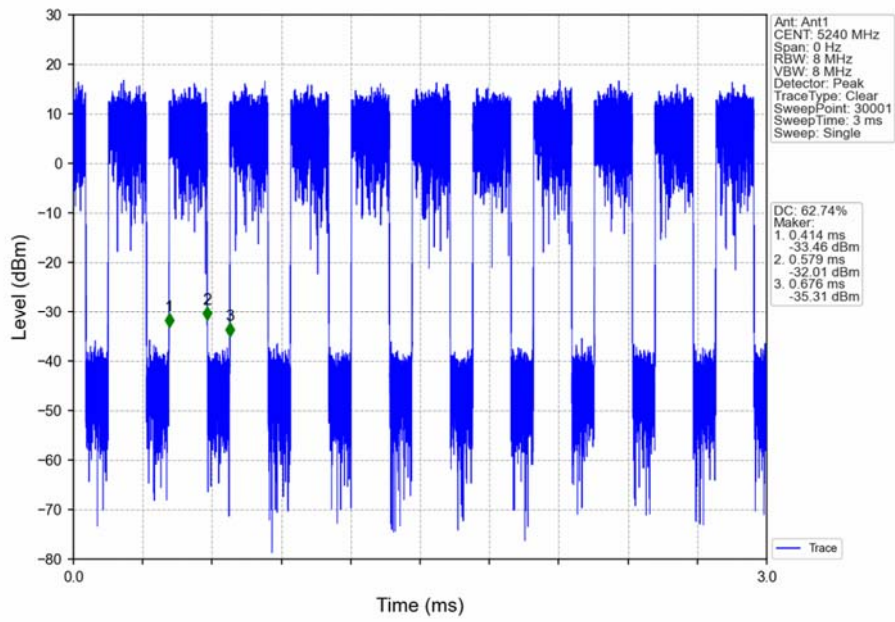
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



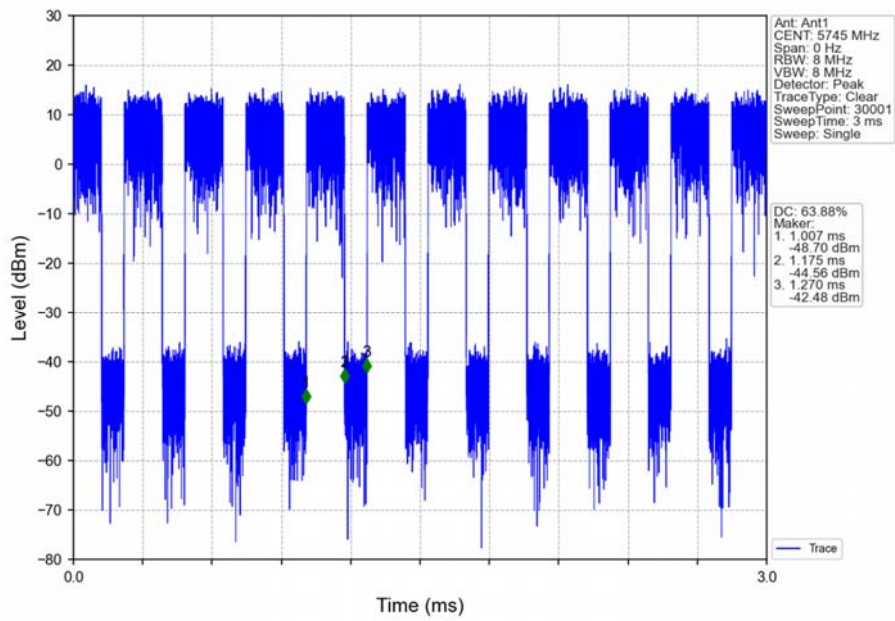
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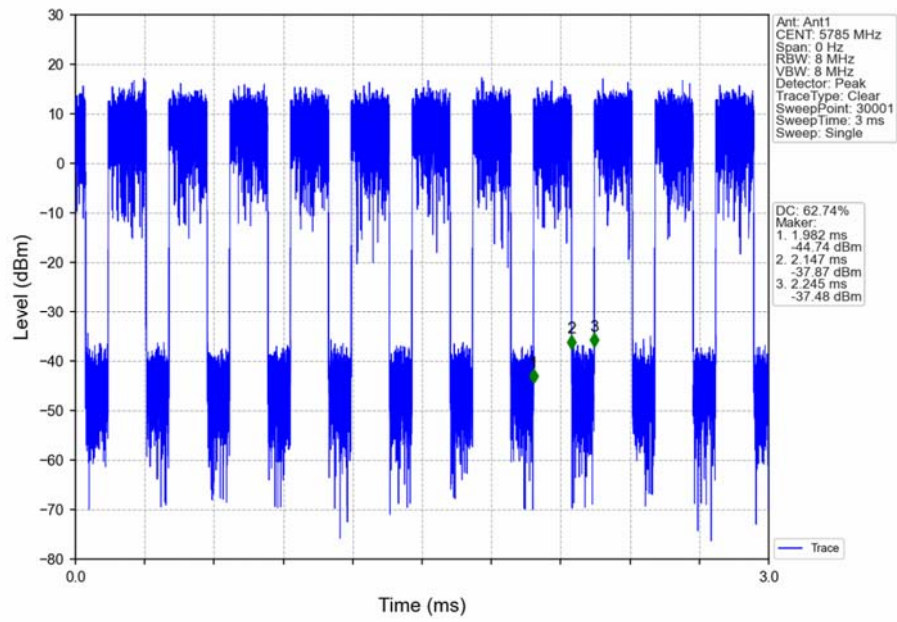
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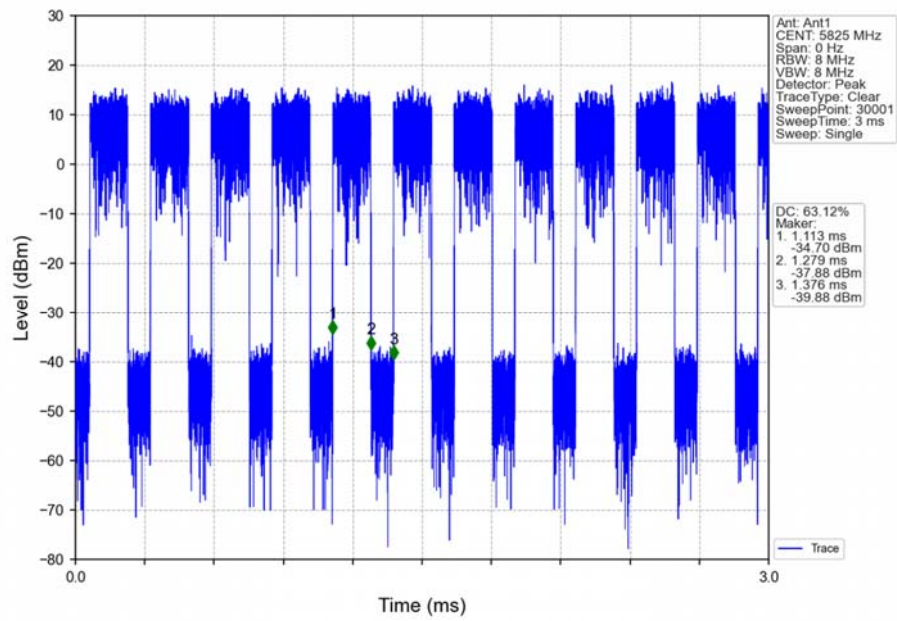
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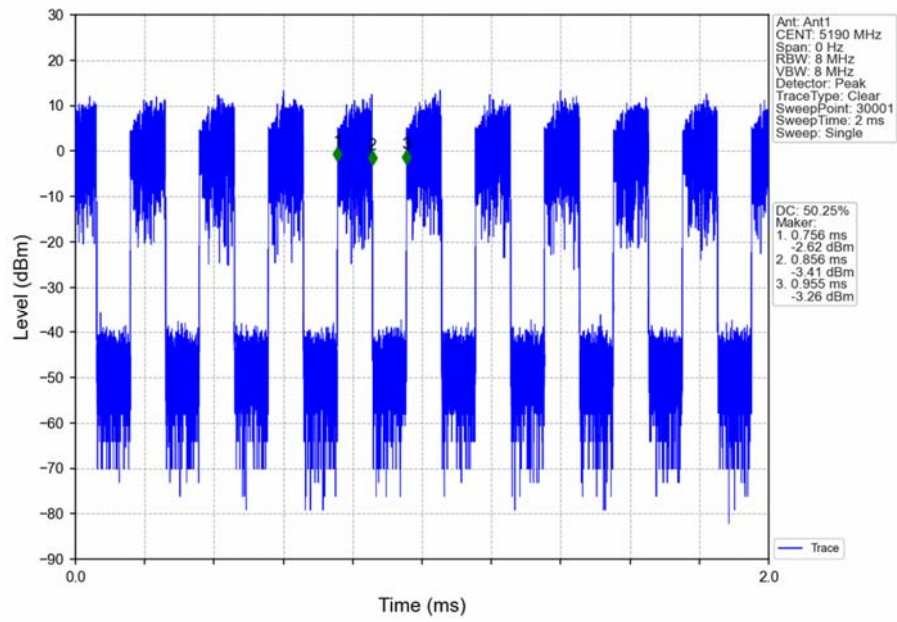
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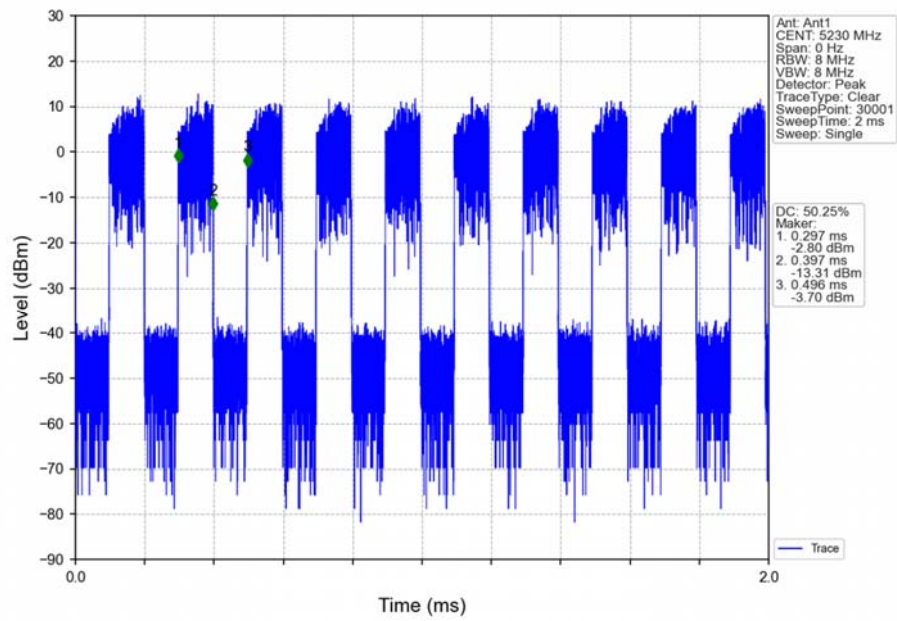
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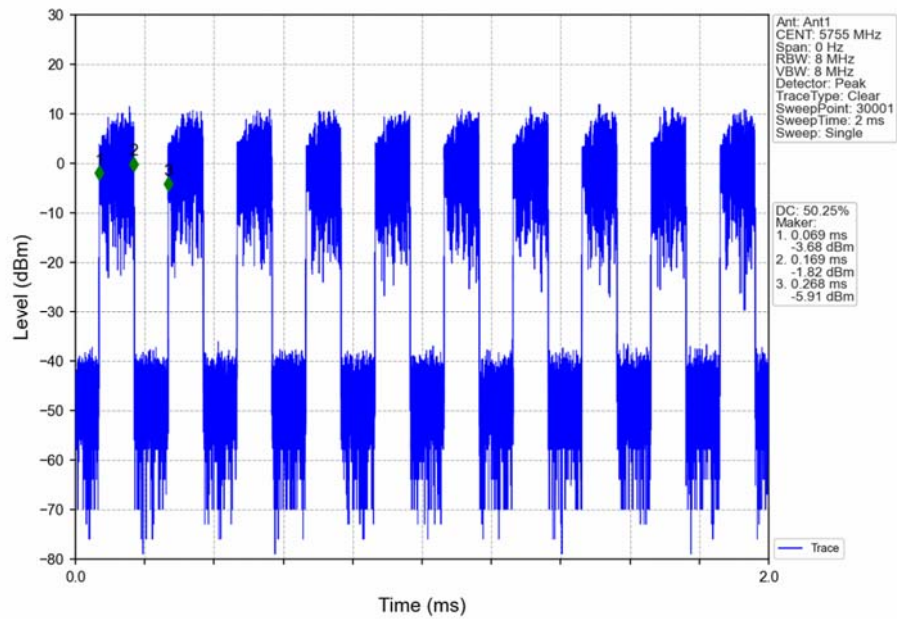
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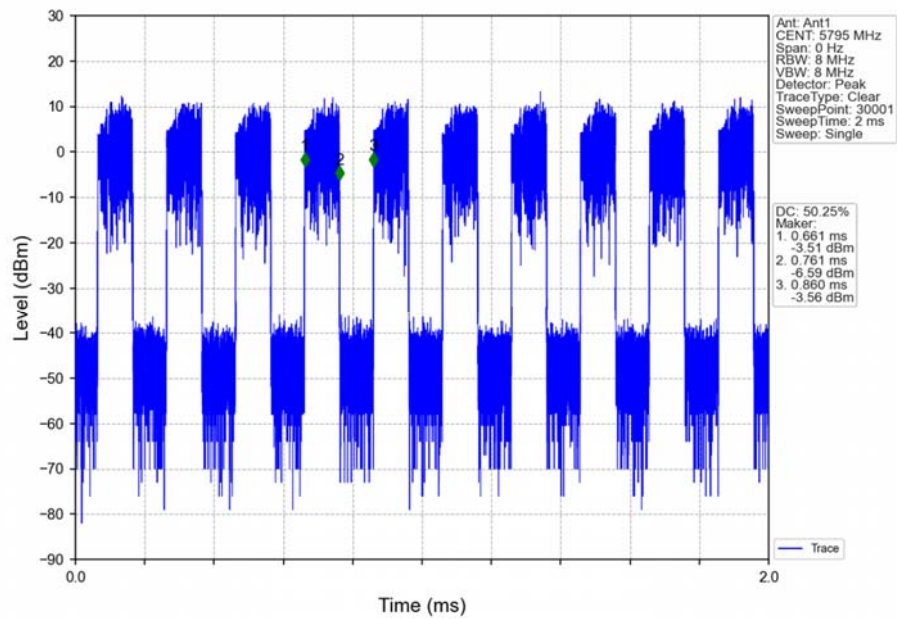
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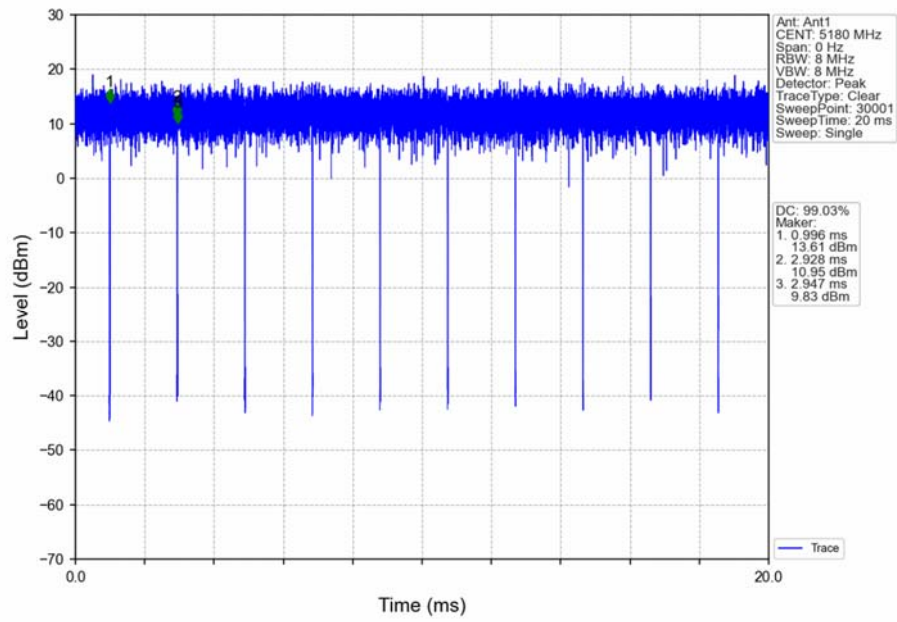
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



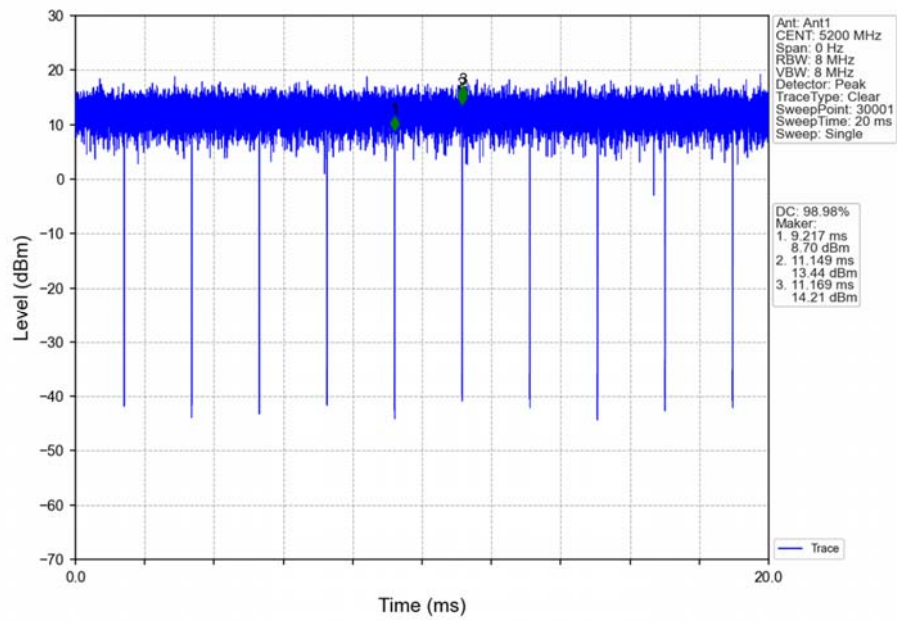
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



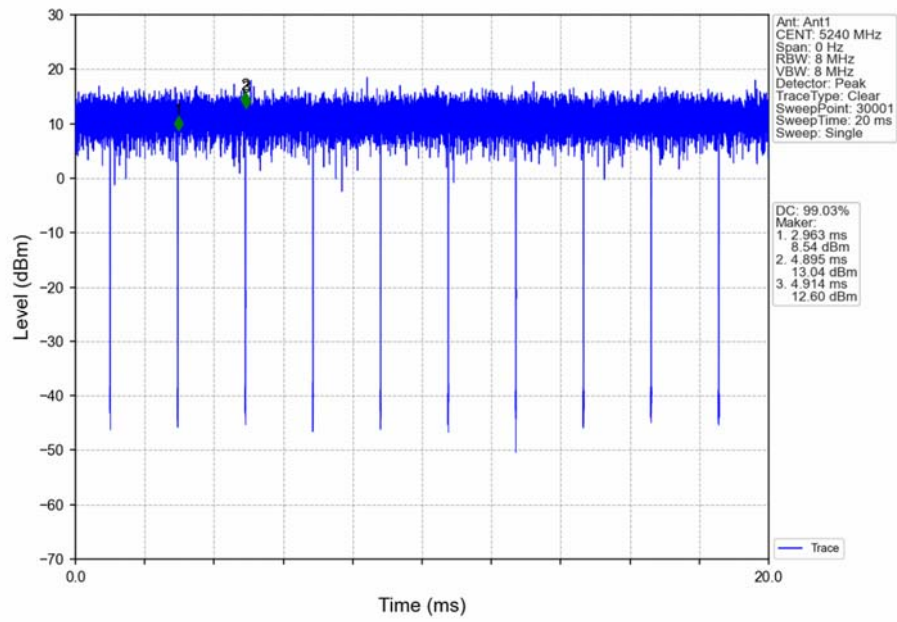
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



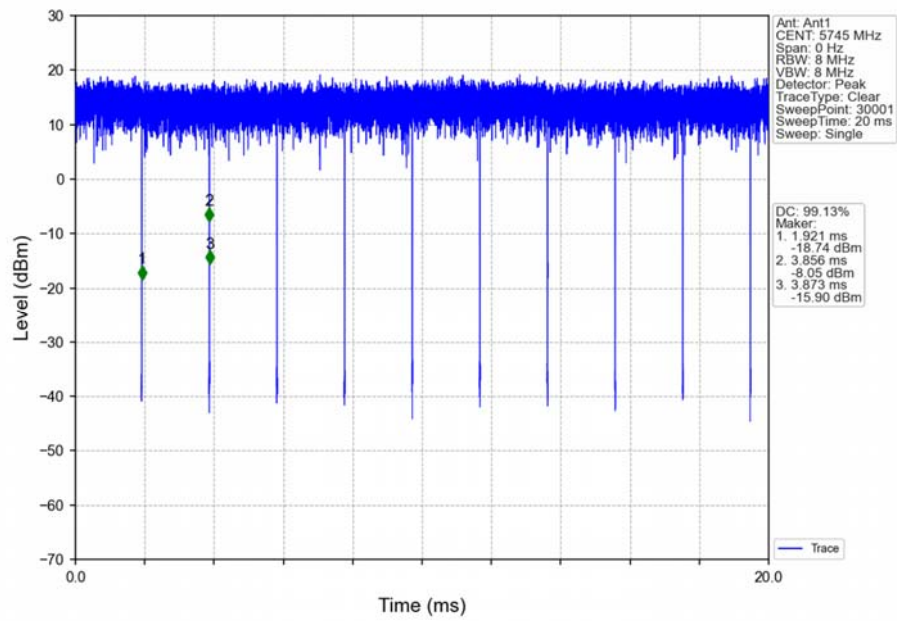
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



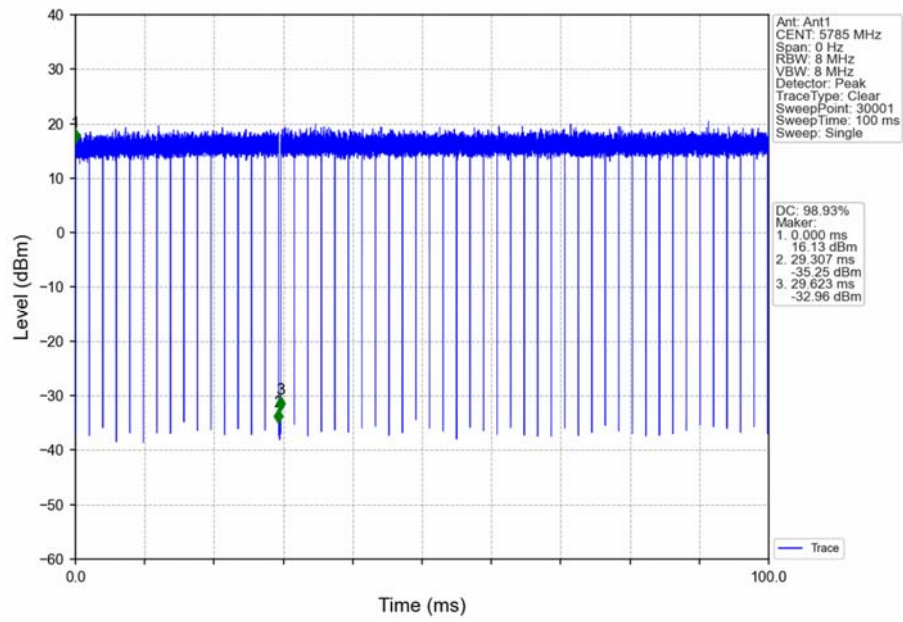
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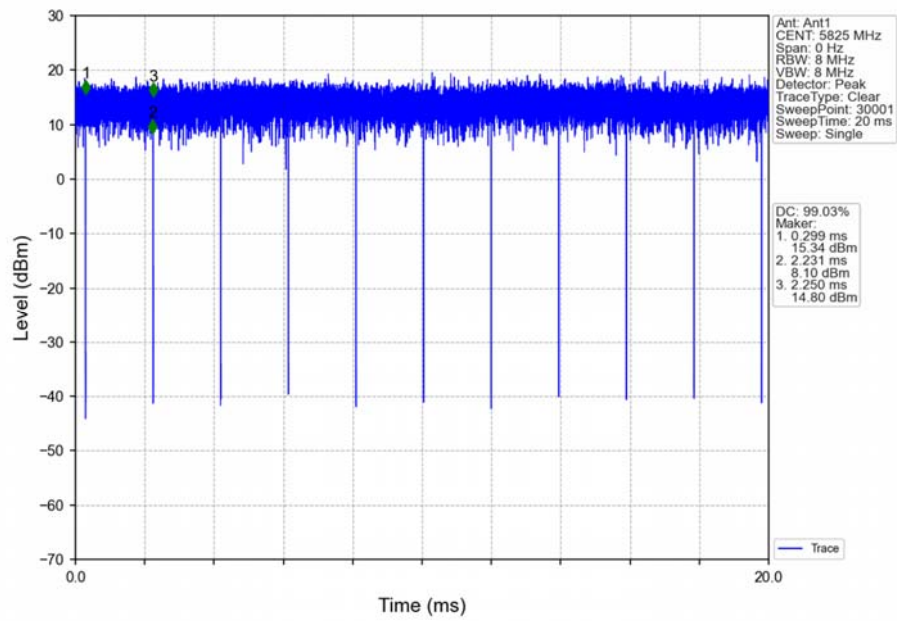
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



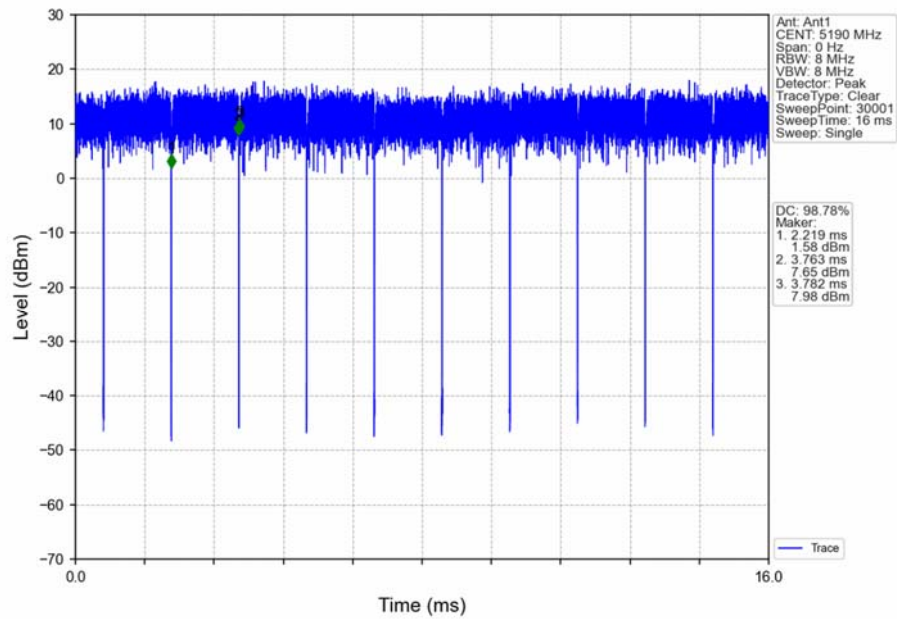
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



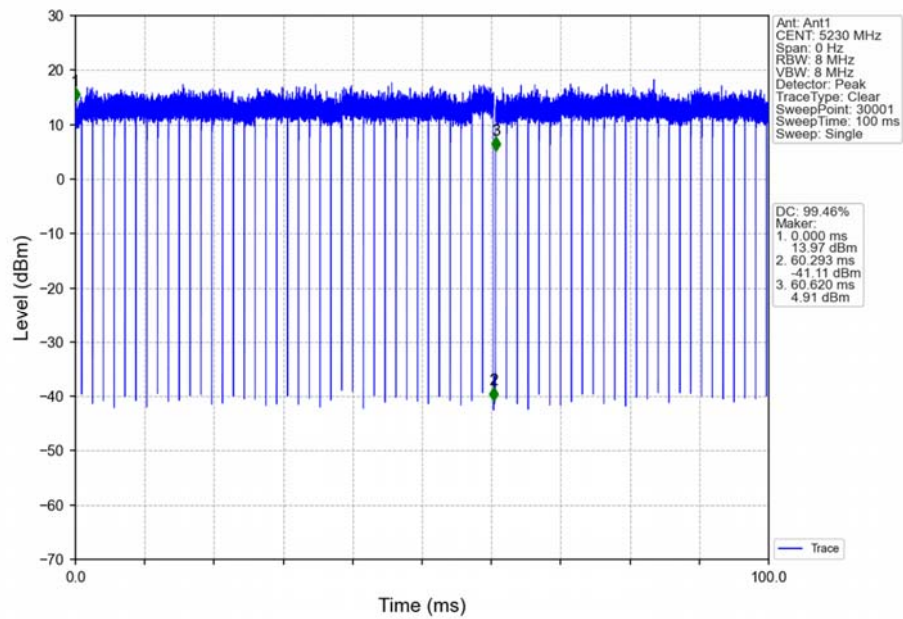
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



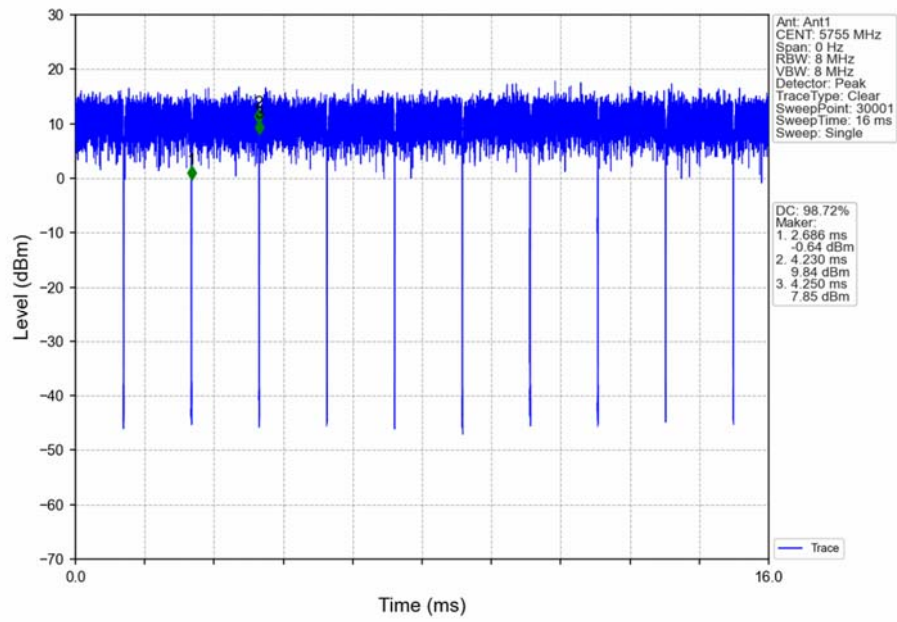
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



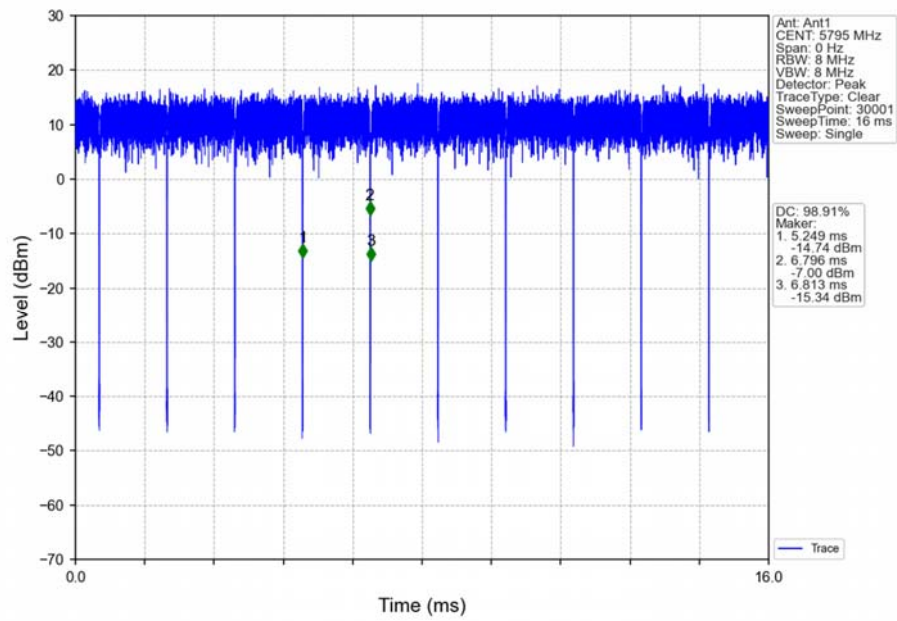
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



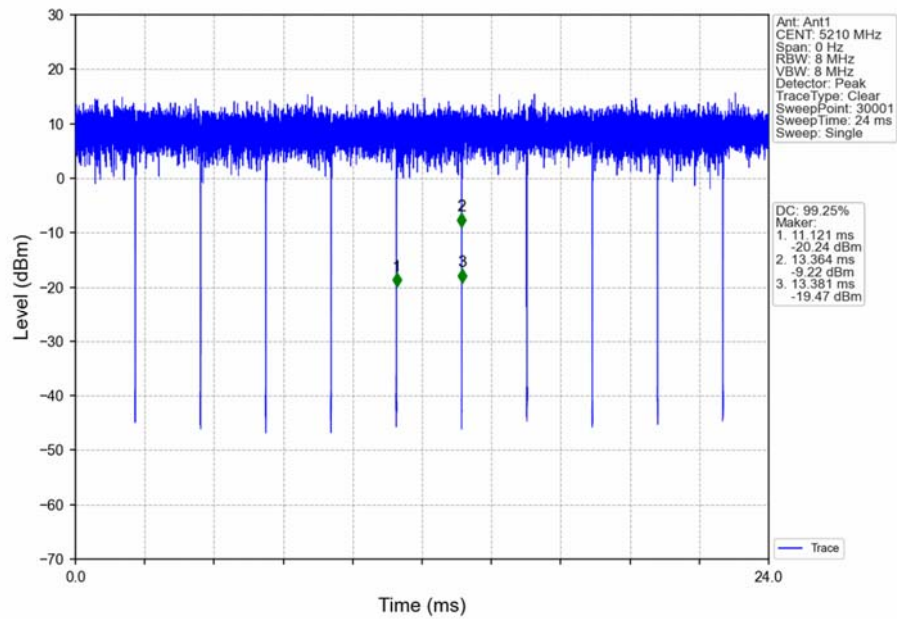
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



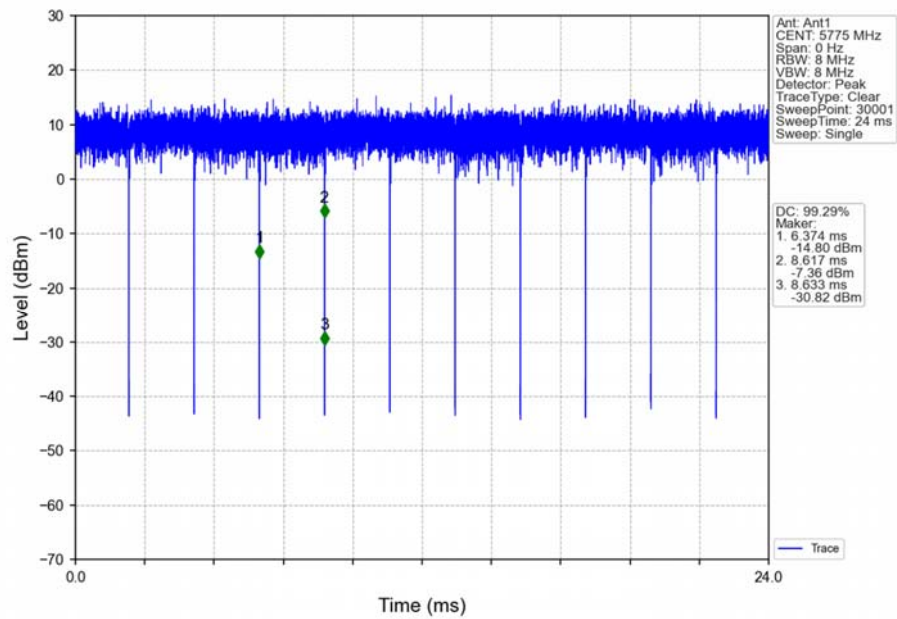
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



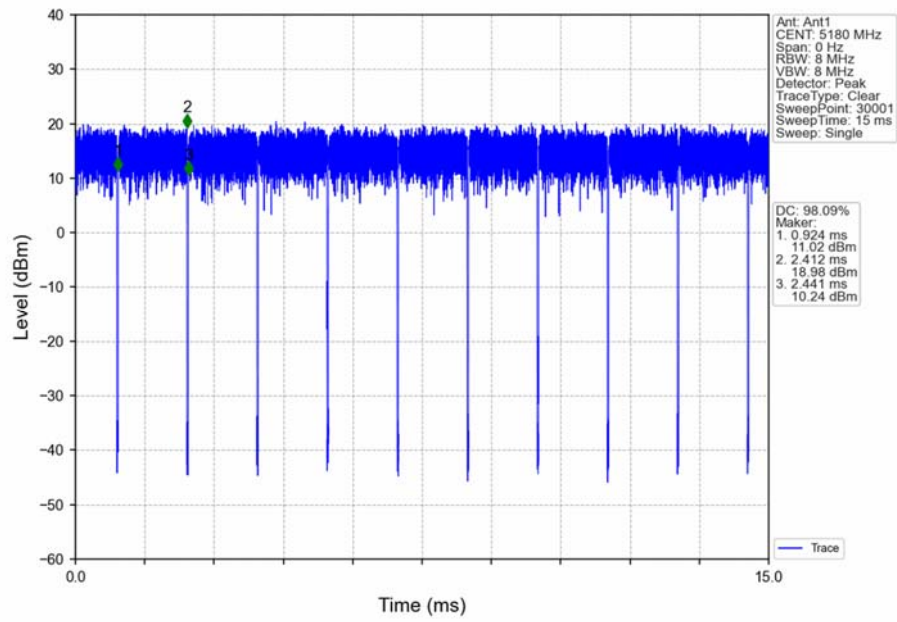
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



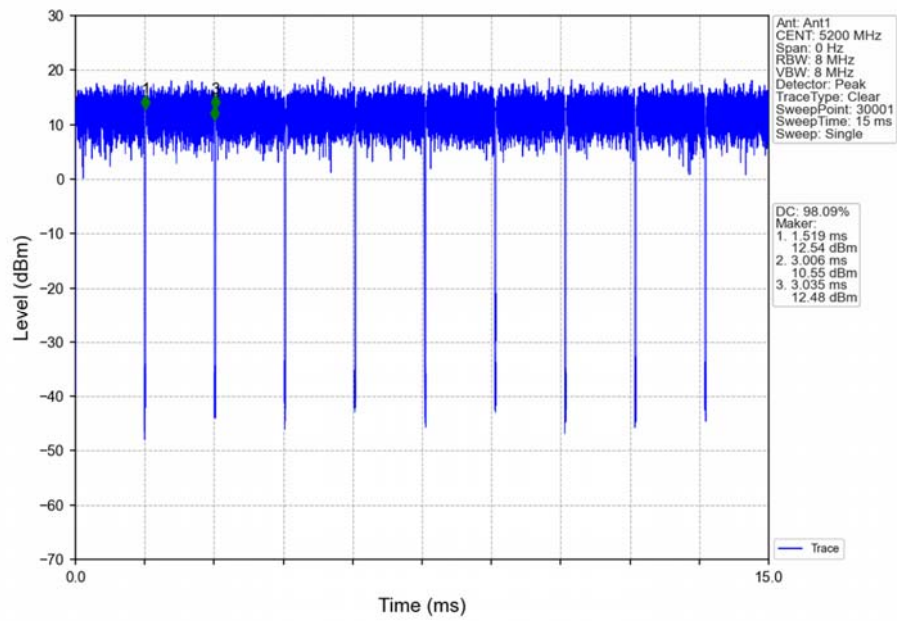
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



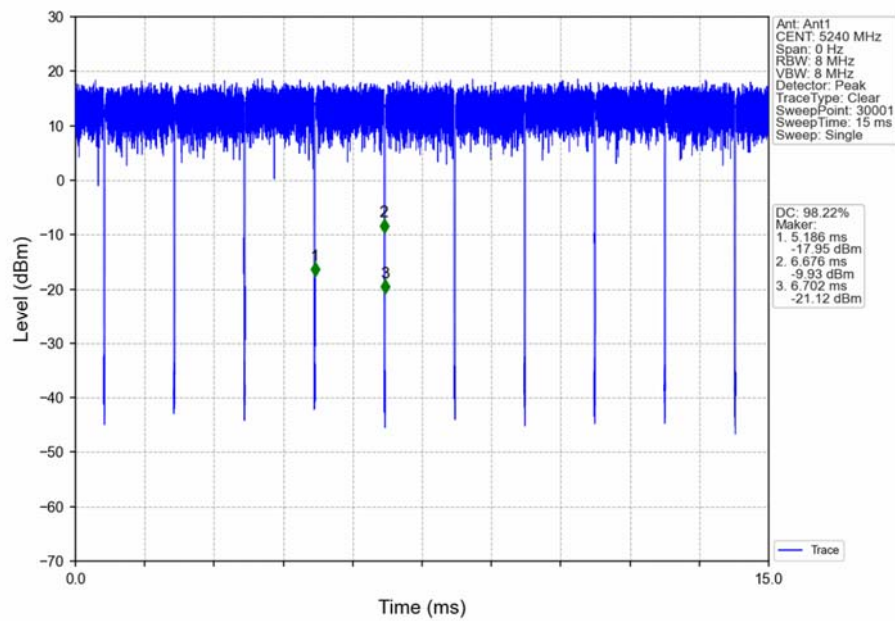
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



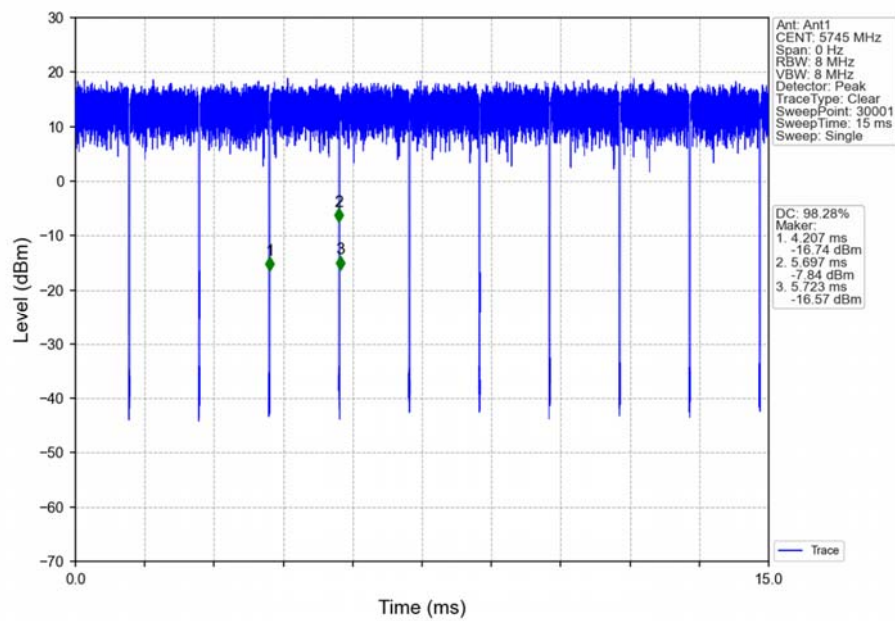
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



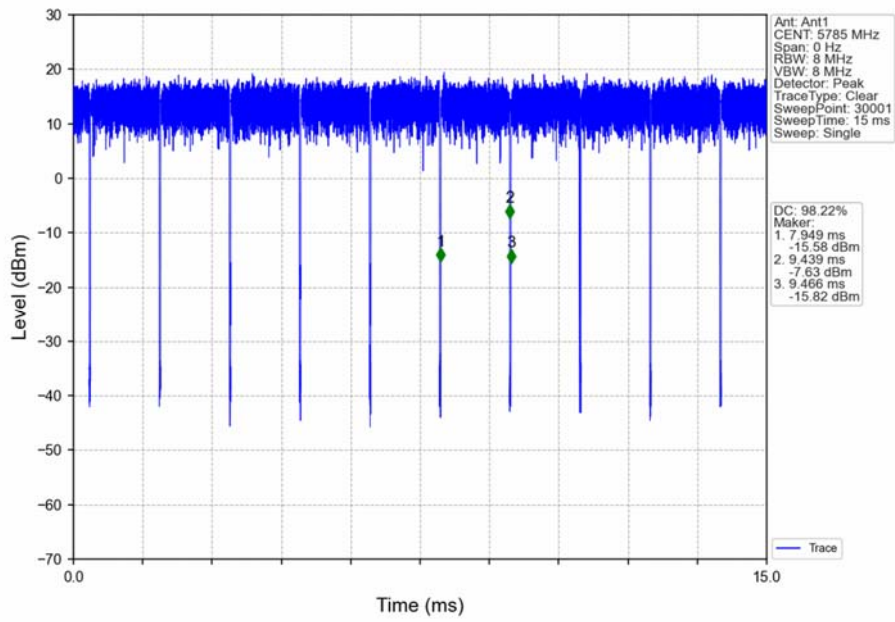
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



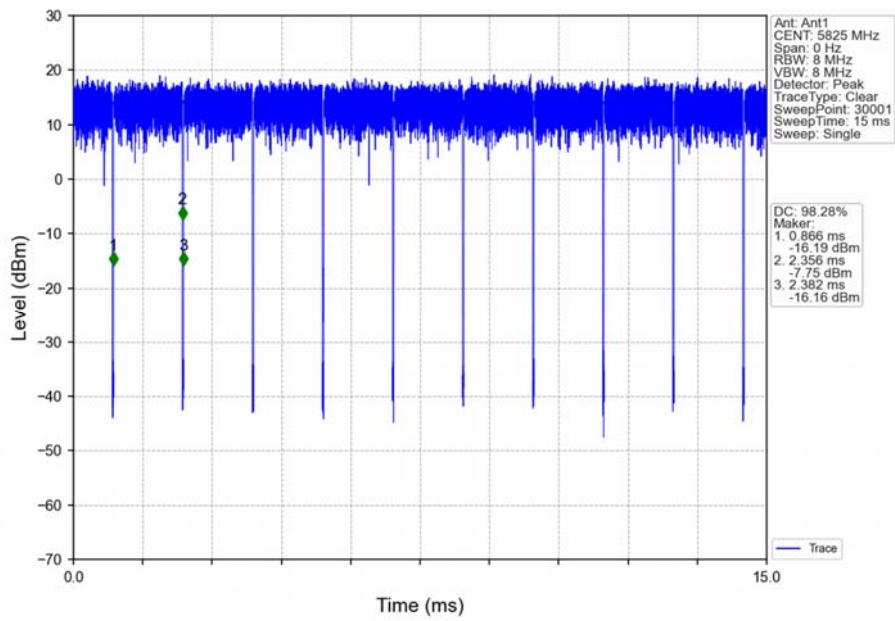
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



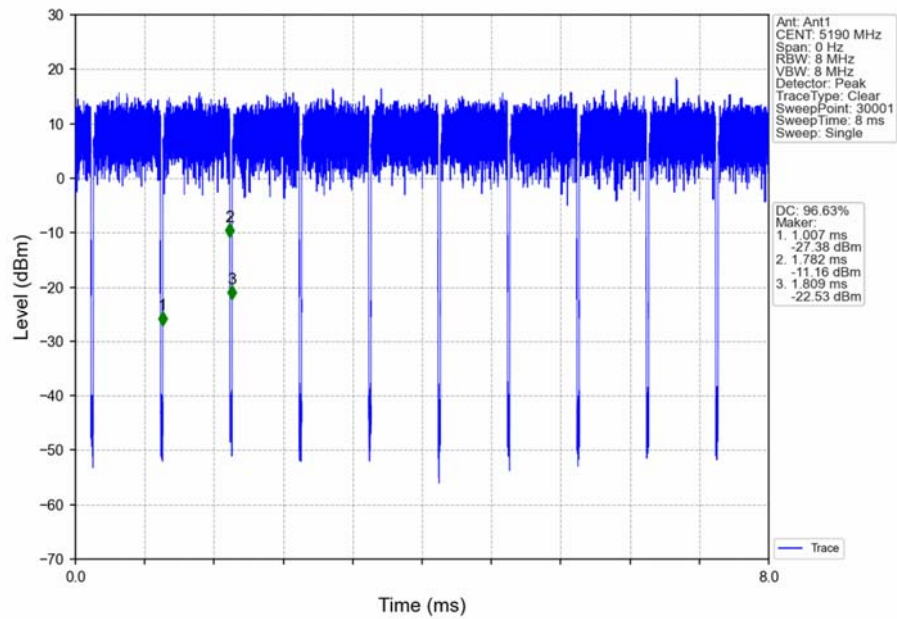
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



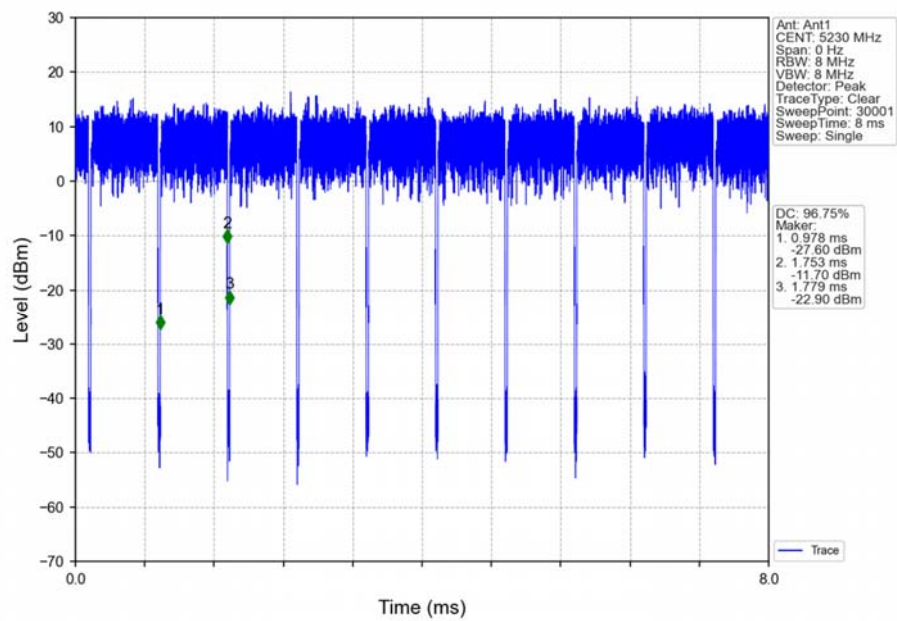
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



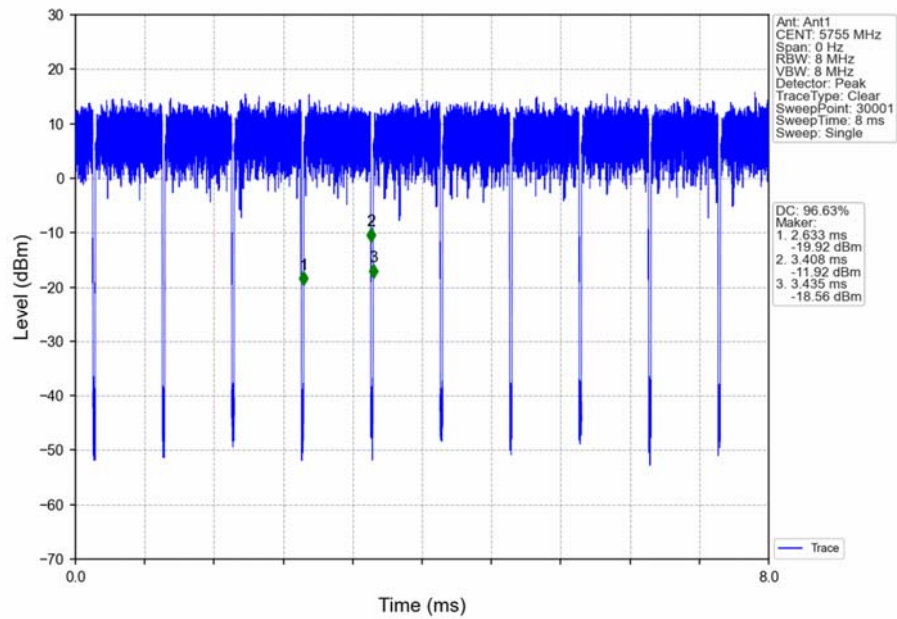
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



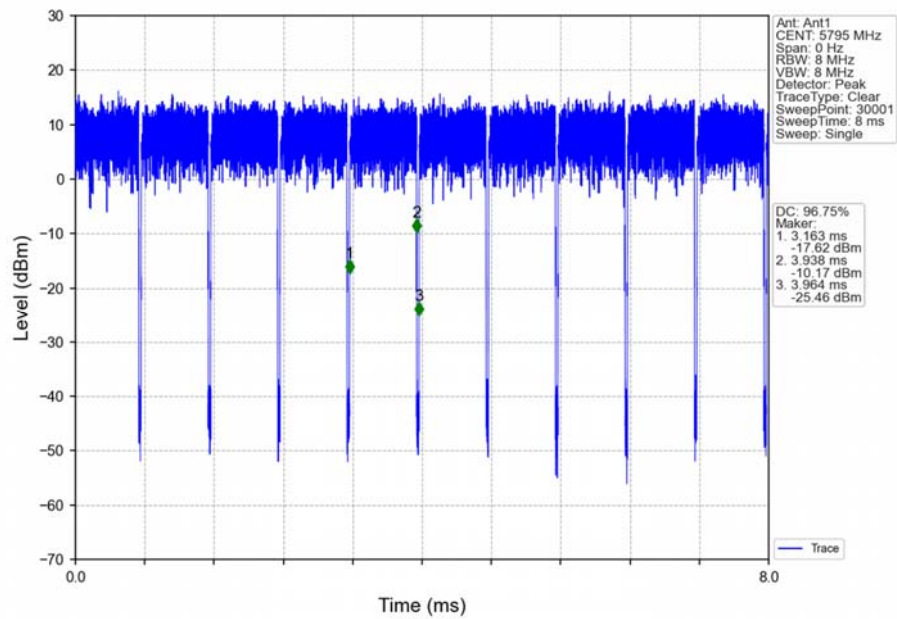
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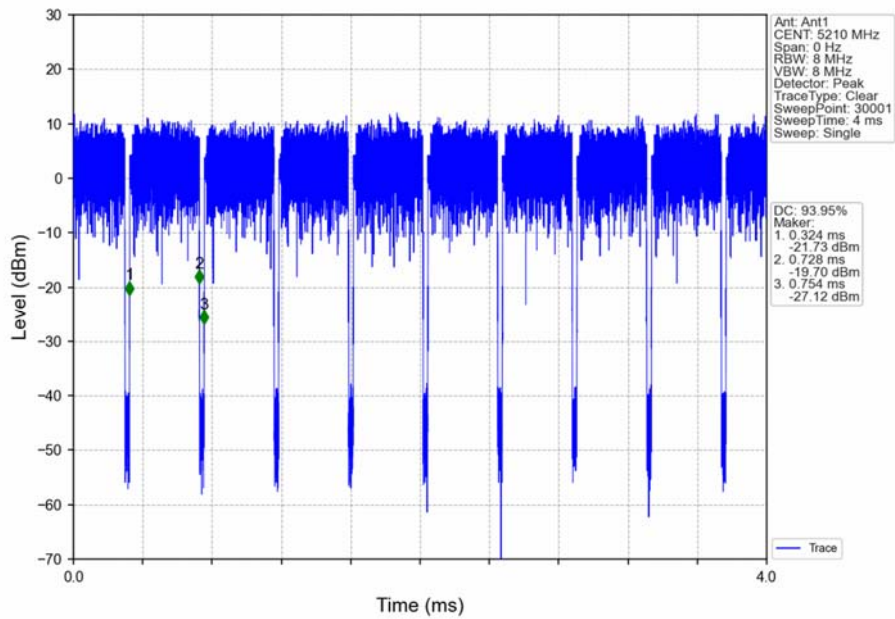
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



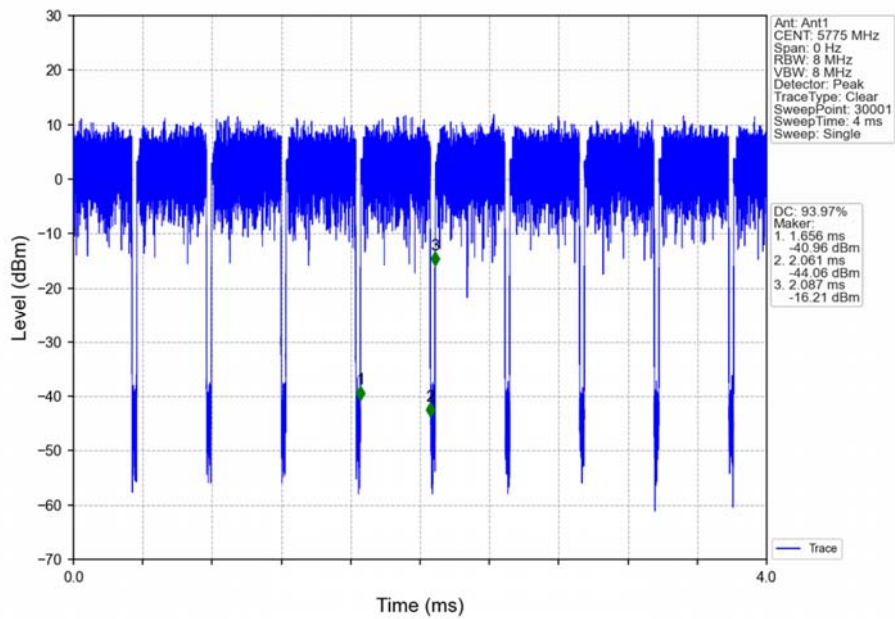
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



2. Bandwidth

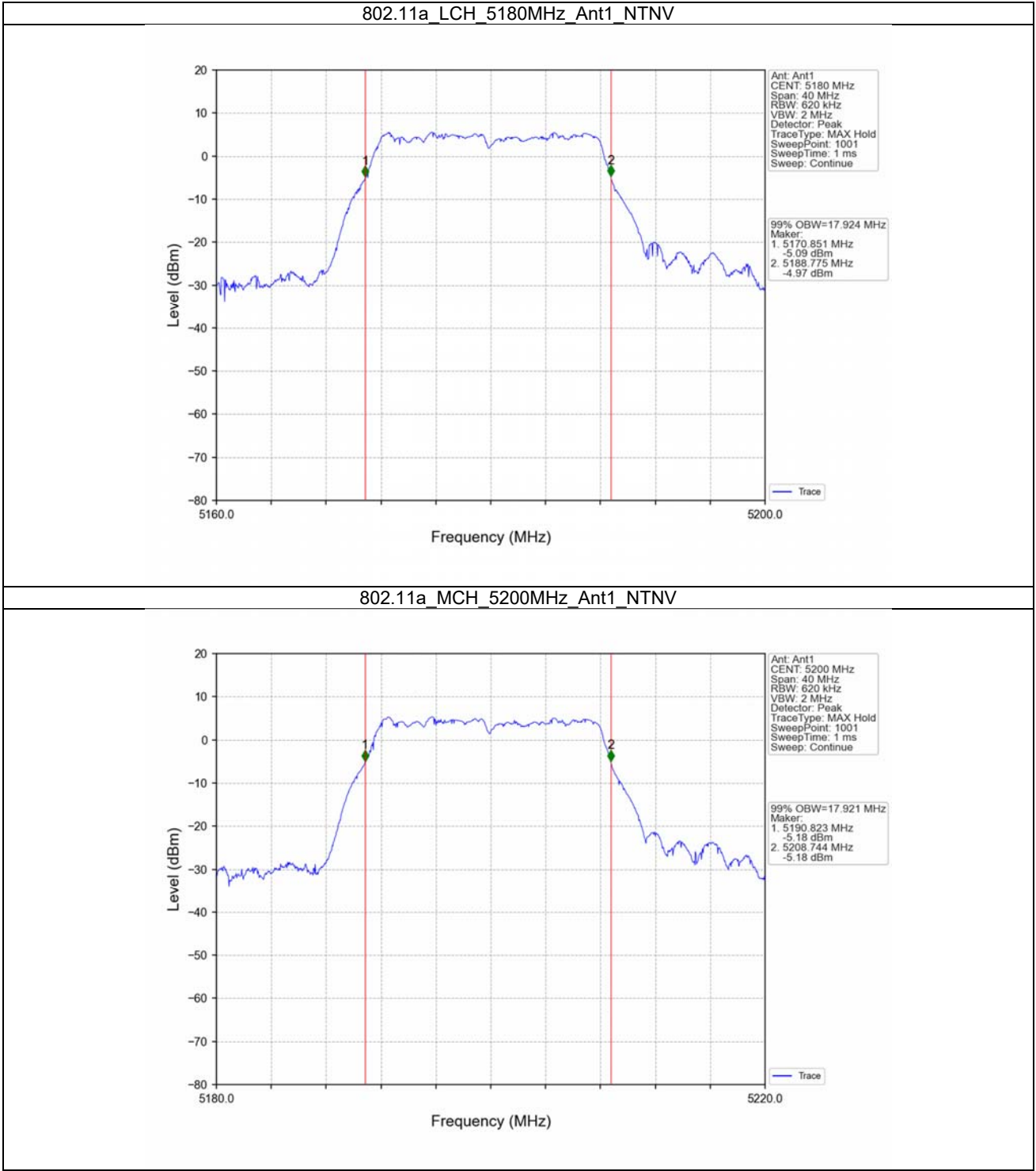
2.1 OBW

2.1.1 Test Result

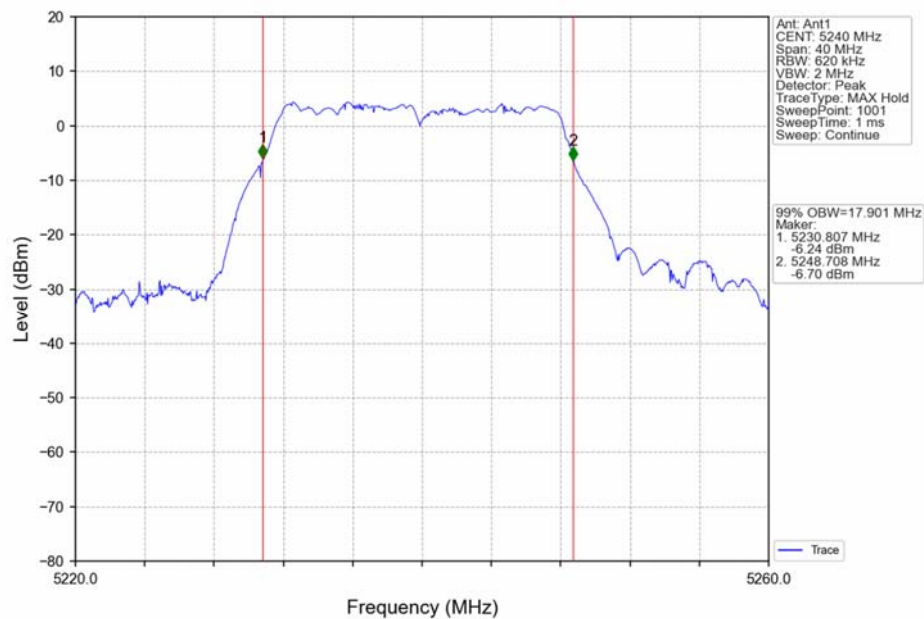
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)	Verdict
						Result	
802.11a	MIMO	5180	/	/	1	17.924	Pass
		5200	/	/	1	17.921	Pass
		5240	/	/	1	17.901	Pass
		5745	/	/	1	17.960	Pass
		5785	/	/	1	17.883	Pass
		5825	/	/	1	17.939	Pass
802.11n (HT20)	MIMO	5180	/	/	1	18.745	Pass
		5200	/	/	1	18.765	Pass
		5240	/	/	1	18.726	Pass
		5745	/	/	1	18.726	Pass
		5785	/	/	1	18.696	Pass
		5825	/	/	1	18.677	Pass
802.11n (HT40)	MIMO	5190	/	/	1	38.177	Pass
		5230	/	/	1	37.040	Pass
		5755	/	/	1	37.126	Pass
		5795	/	/	1	36.958	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	18.087	Pass
		5200	/	/	1	18.048	Pass
		5240	/	/	1	18.046	Pass
		5745	/	/	1	18.267	Pass
		5785	/	/	1	18.286	Pass
		5825	/	/	1	18.344	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	36.442	Pass
		5230	/	/	1	36.484	Pass
		5755	/	/	1	36.437	Pass
		5795	/	/	1	36.445	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	75.254	Pass
		5775	/	/	1	75.657	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	19.249	Pass
		5200	RU242	Left	1	19.193	Pass
		5240	RU242	Left	1	19.214	Pass
		5745	RU242	Left	1	19.369	Pass
		5785	RU242	Left	1	19.364	Pass
		5825	RU242	Left	1	19.285	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	38.341	Pass
		5230	RU484	Left	1	38.110	Pass
		5755	RU484	Left	1	38.320	Pass
		5795	RU484	Left	1	38.289	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	77.771	Pass
		5775	RU996	Left	1	78.189	Pass

Note: ANT 1(2) Represent the value of antenna 1 and 2, The worst data is Antenna 1, only shown Antenna 1 Plot.

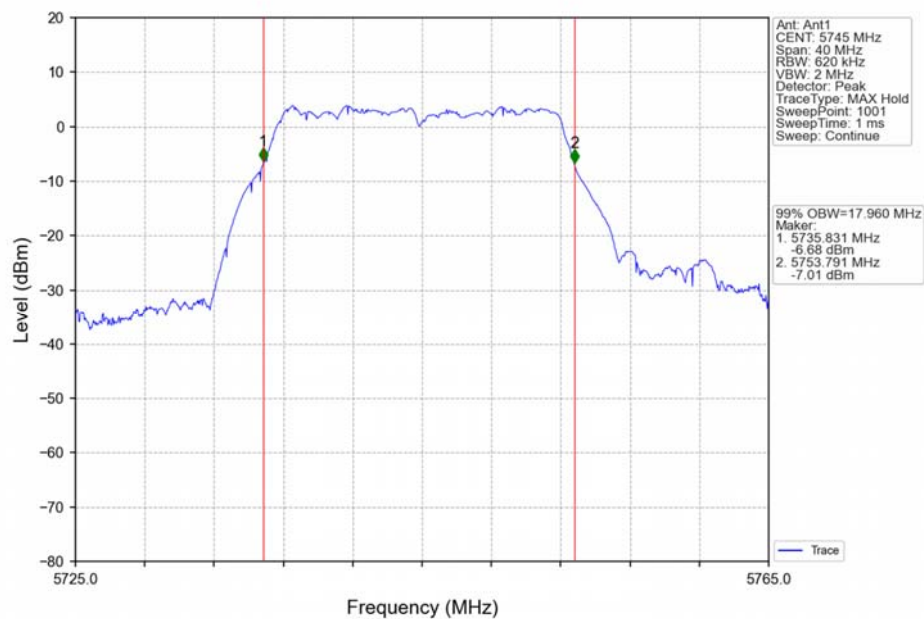
2.1.2 Test Graph



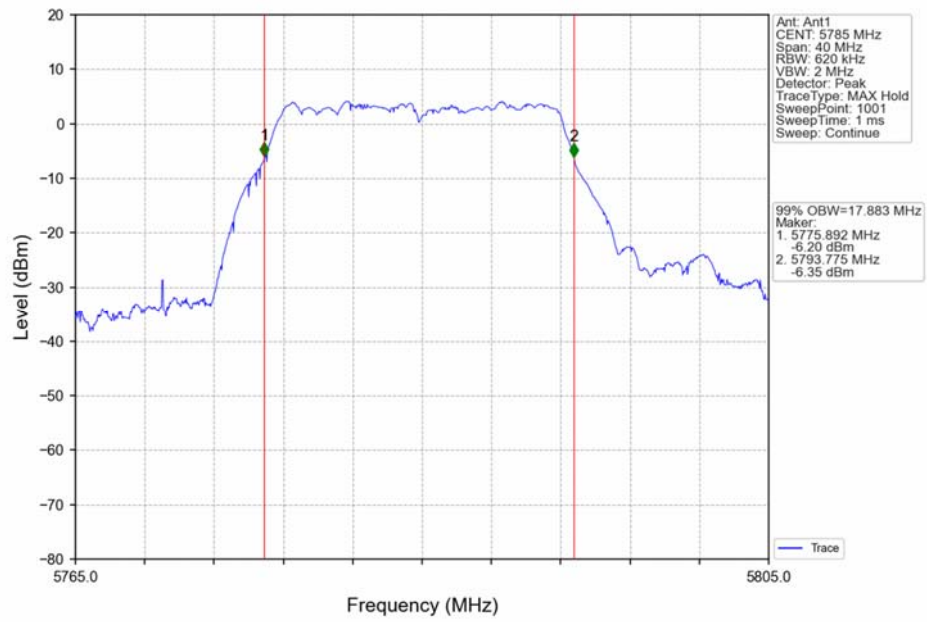
802.11a_HCH_5240MHz_Ant1_NTNV



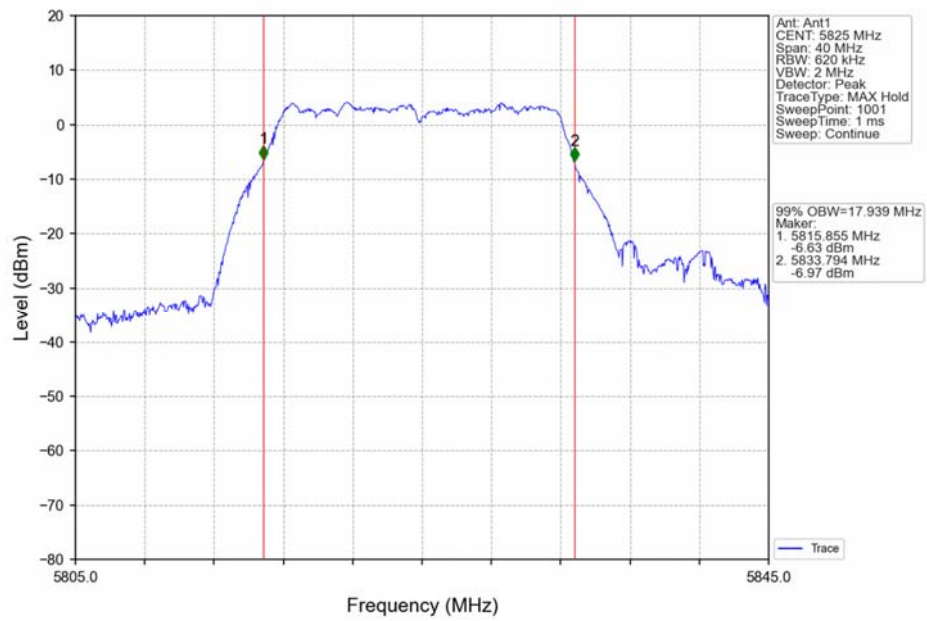
802.11a_LCH_5745MHz_Ant1_NTNV



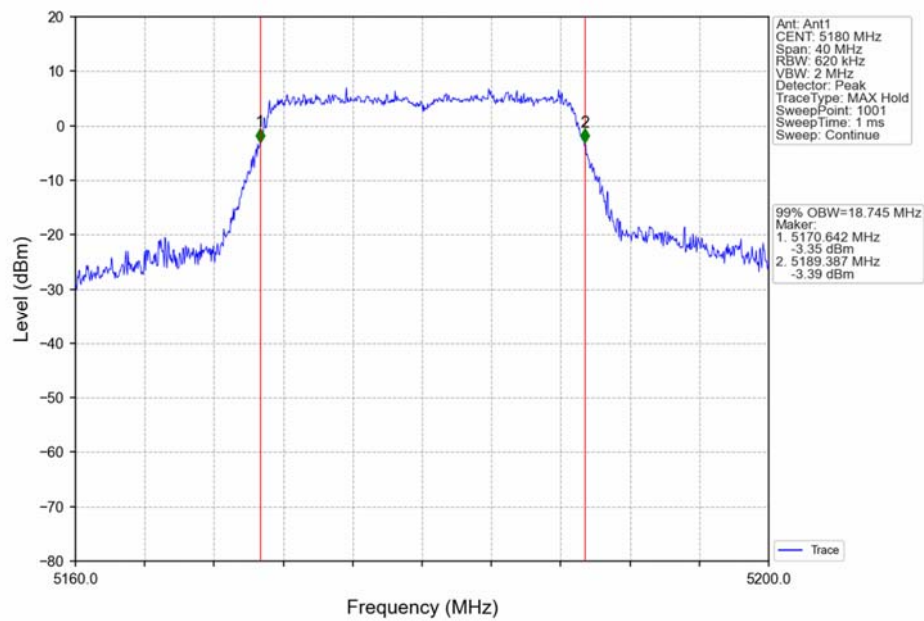
802.11a_MCH_5785MHz_Ant1_NTNV



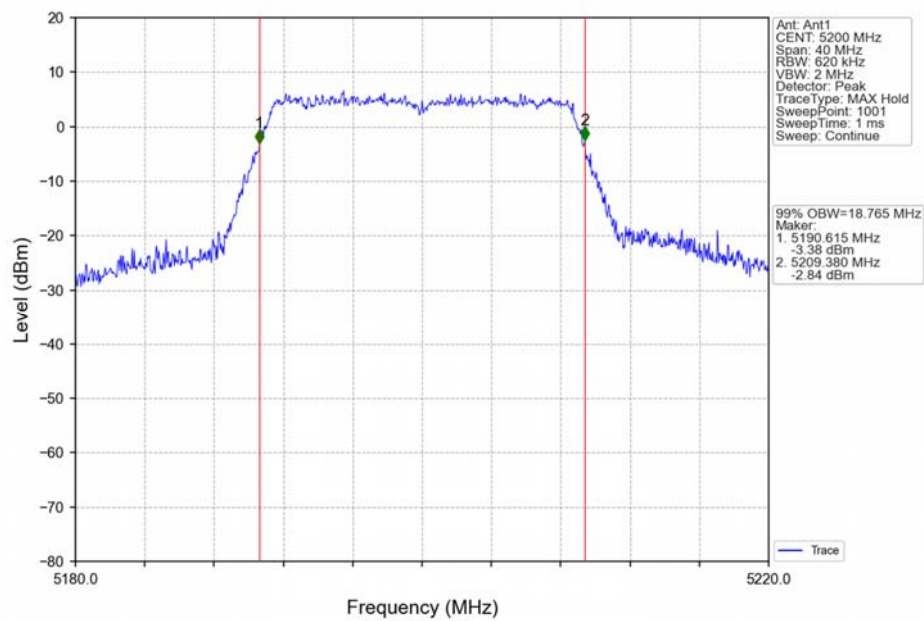
802.11a_HCH_5825MHz_Ant1_NTNV



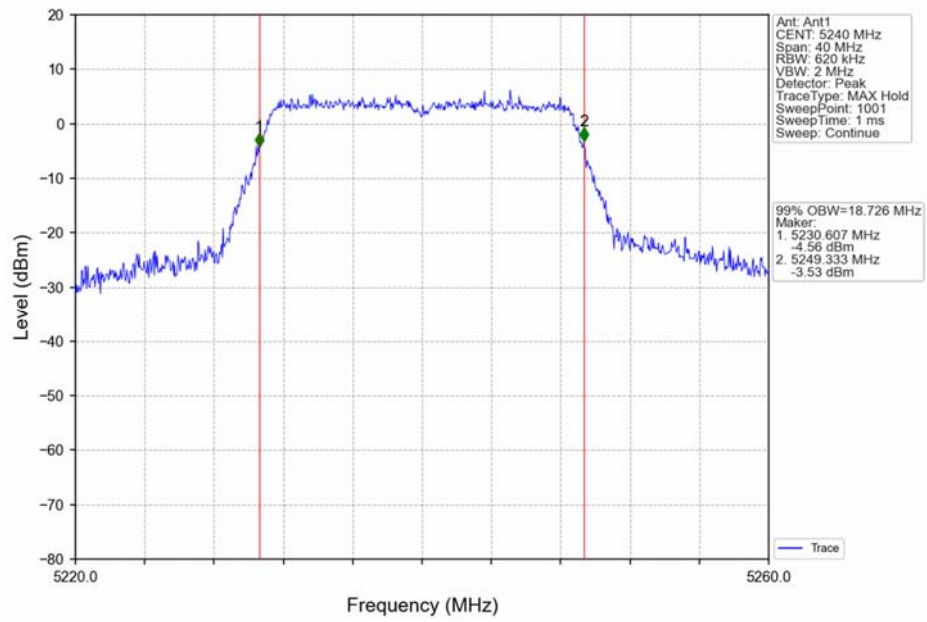
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



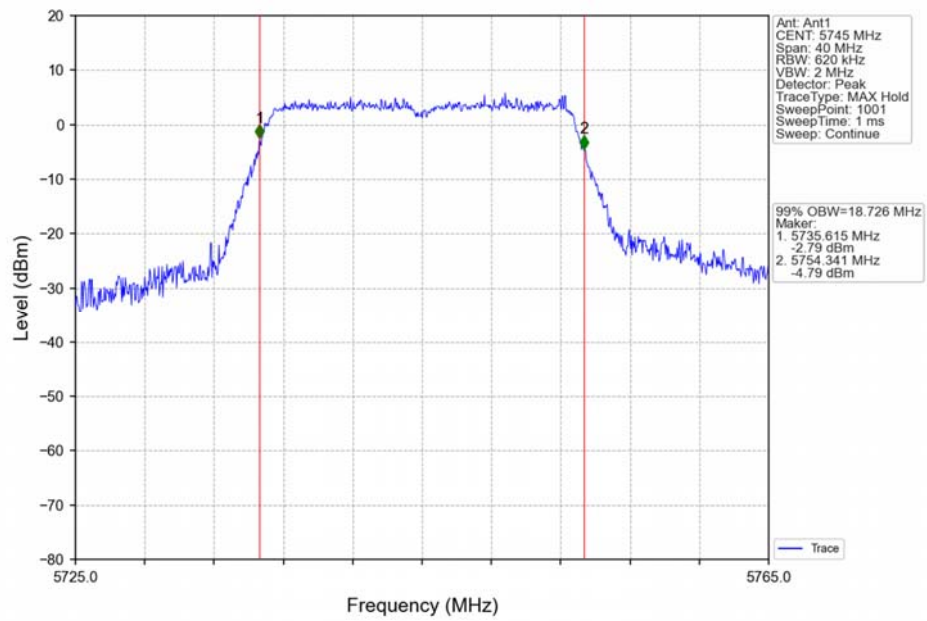
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



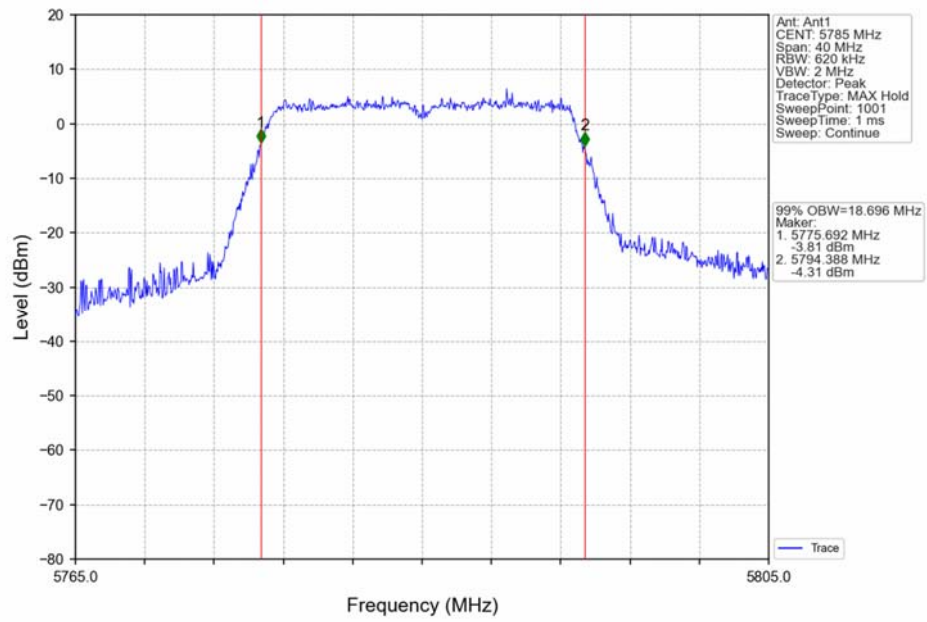
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



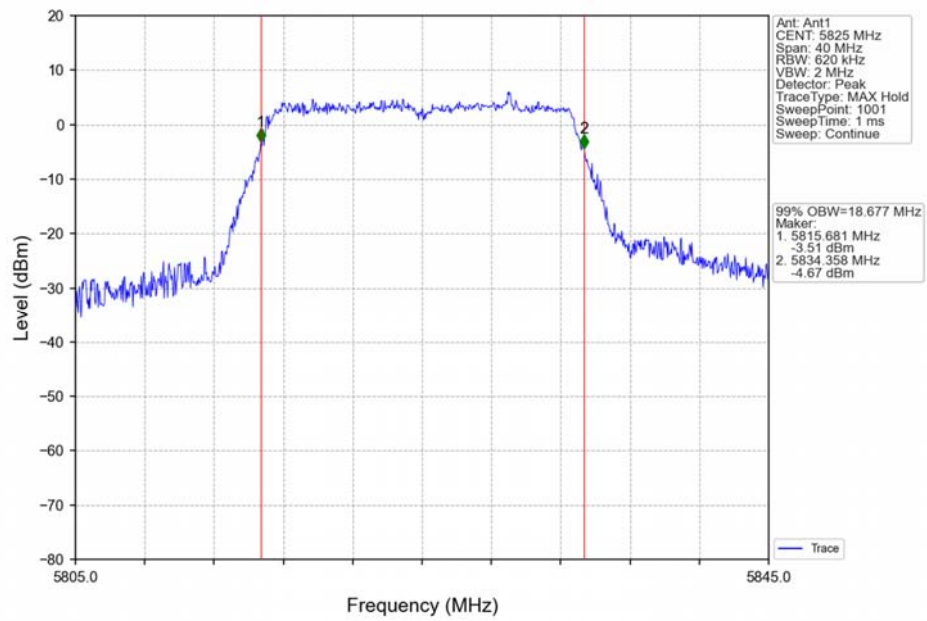
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



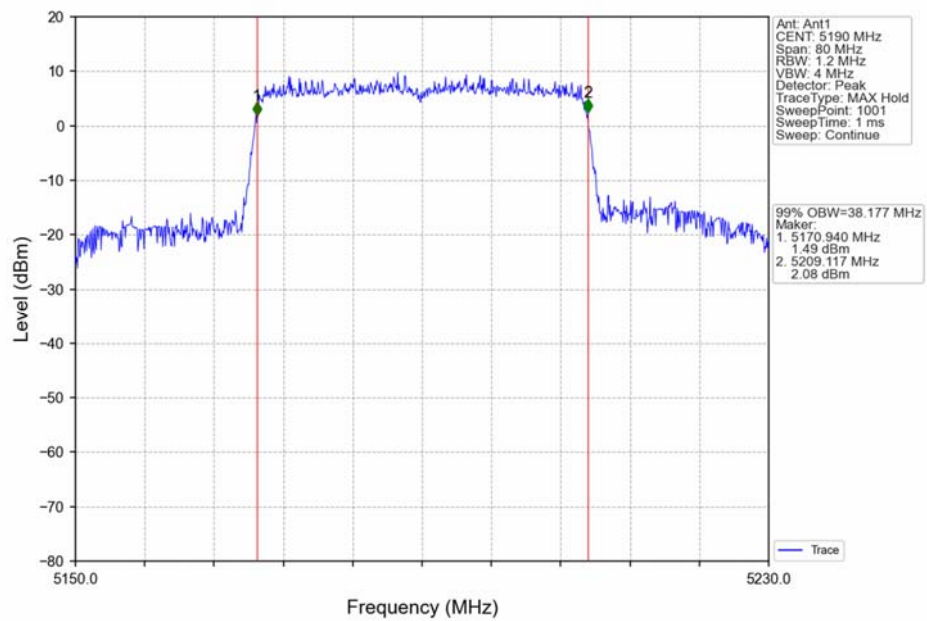
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



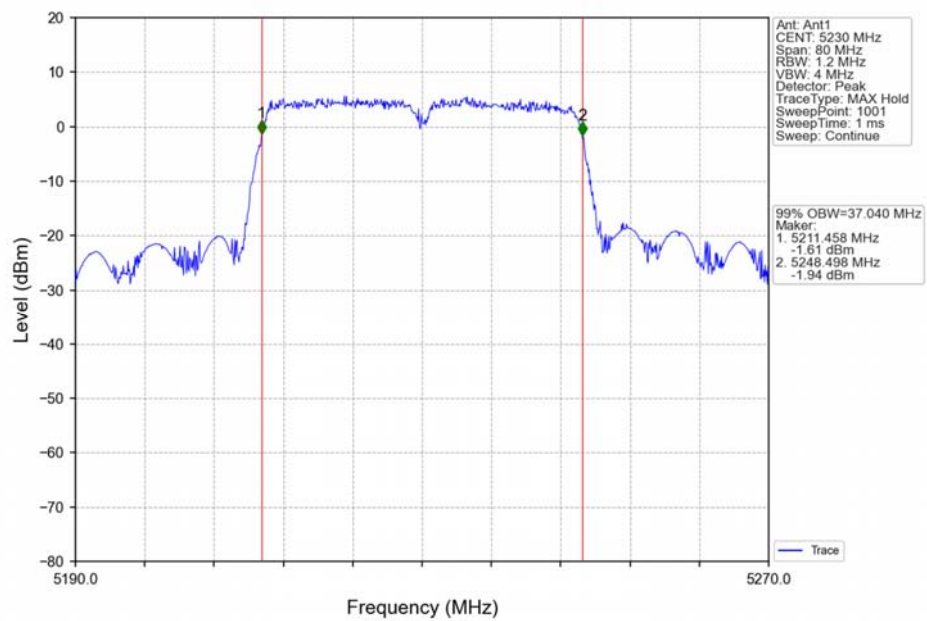
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



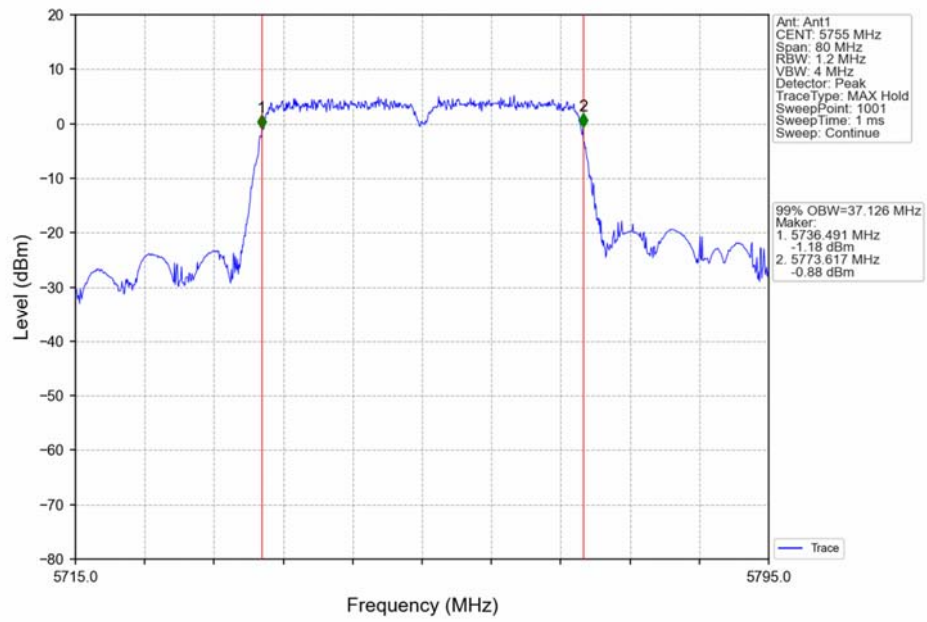
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



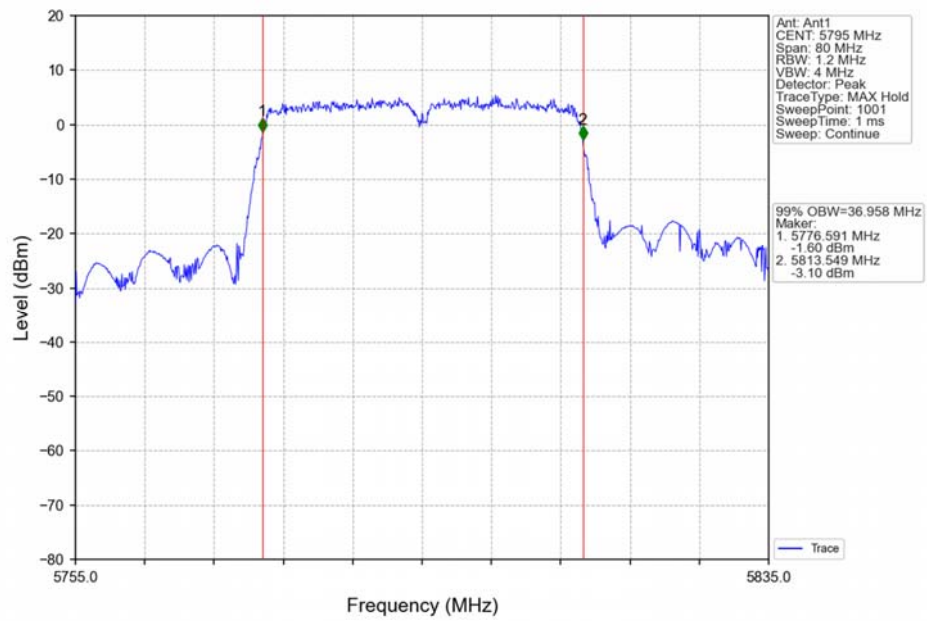
802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



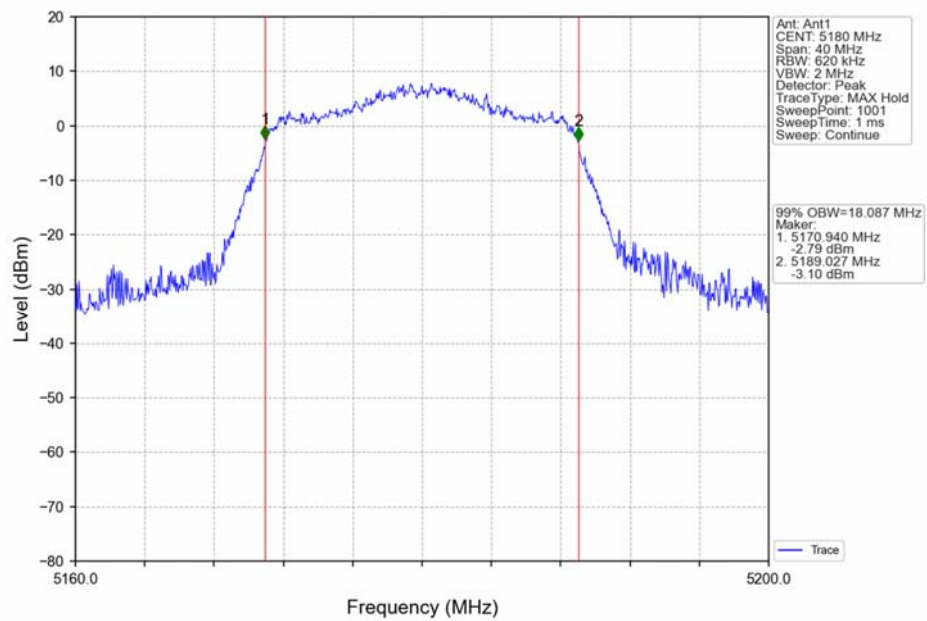
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



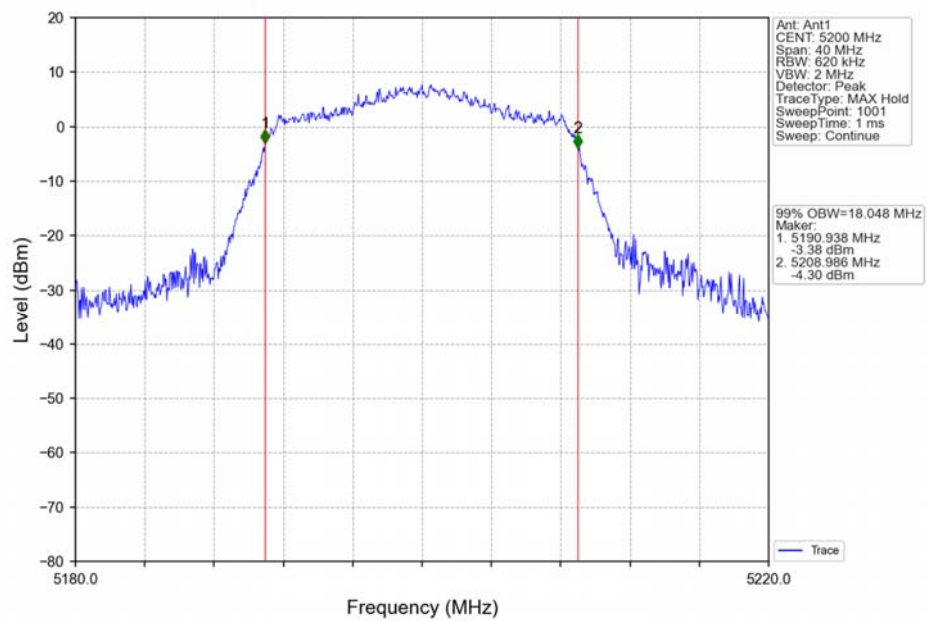
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



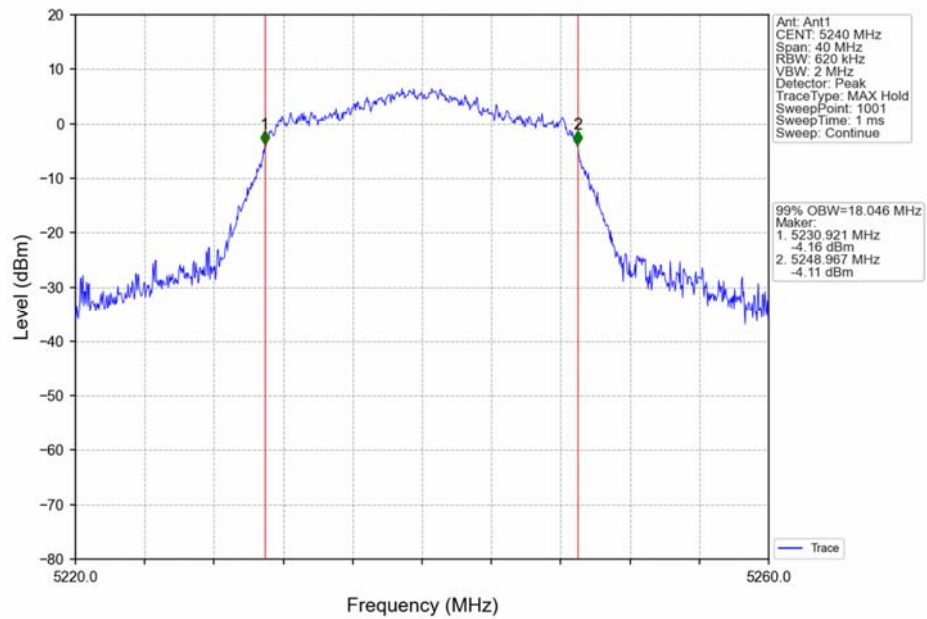
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



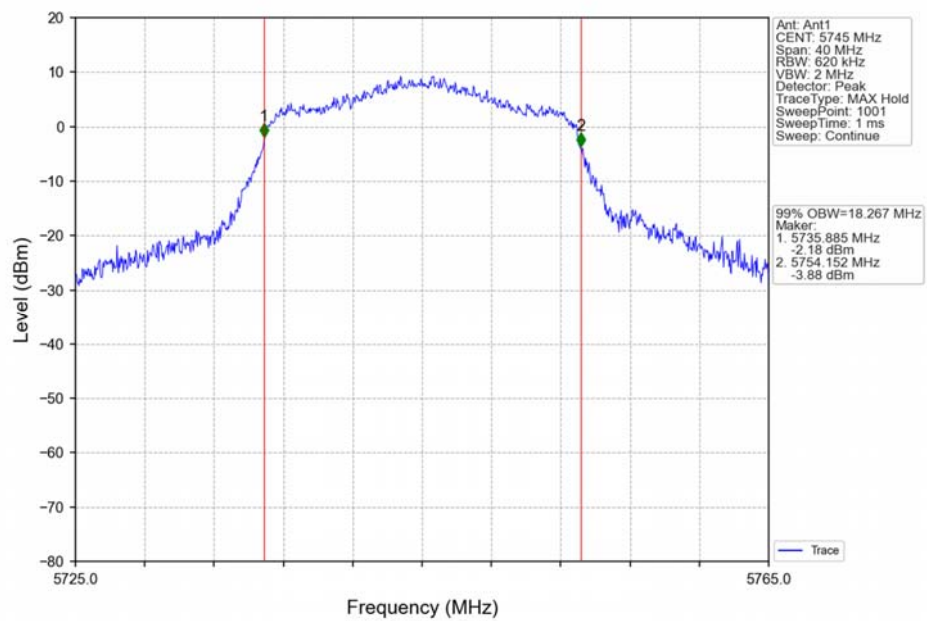
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



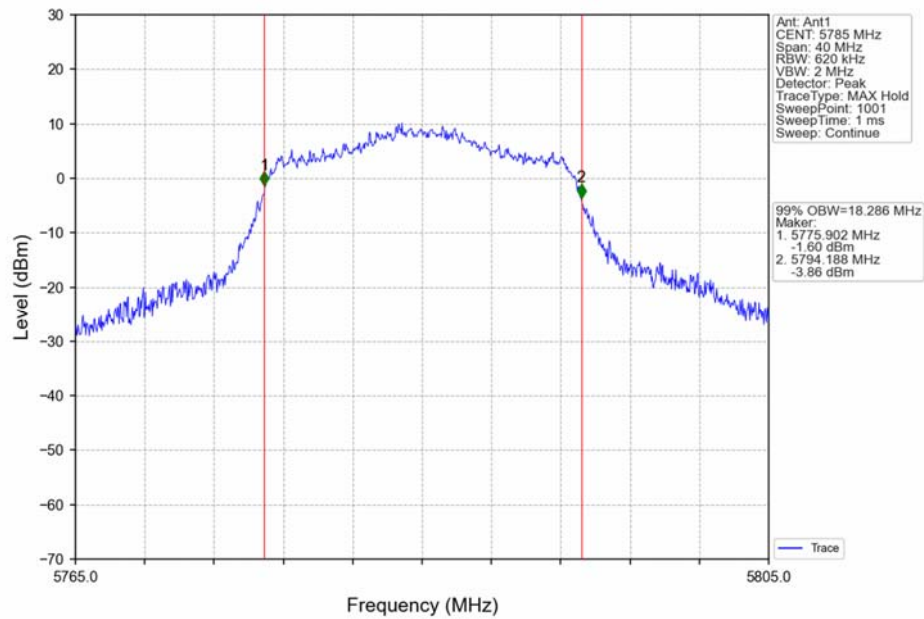
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



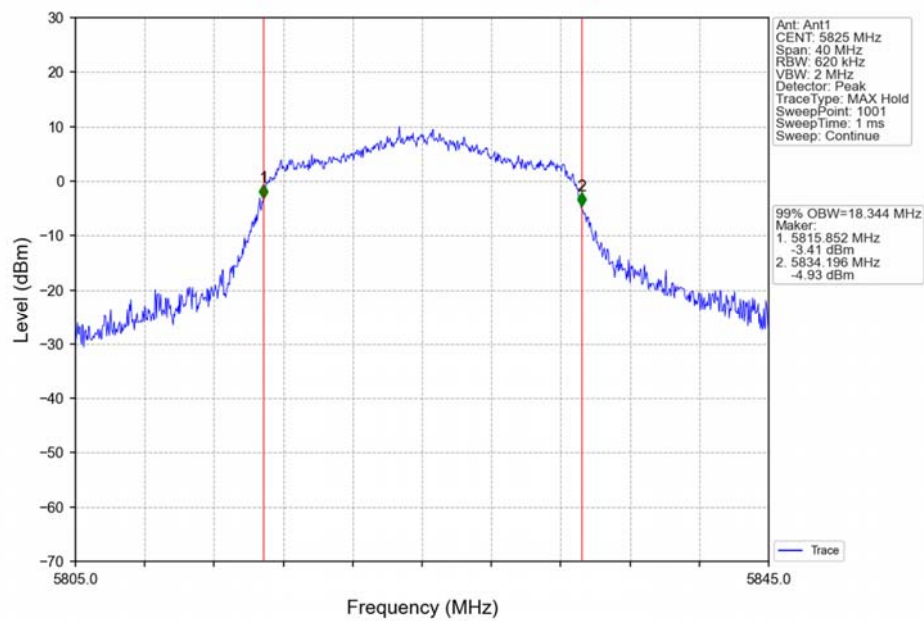
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



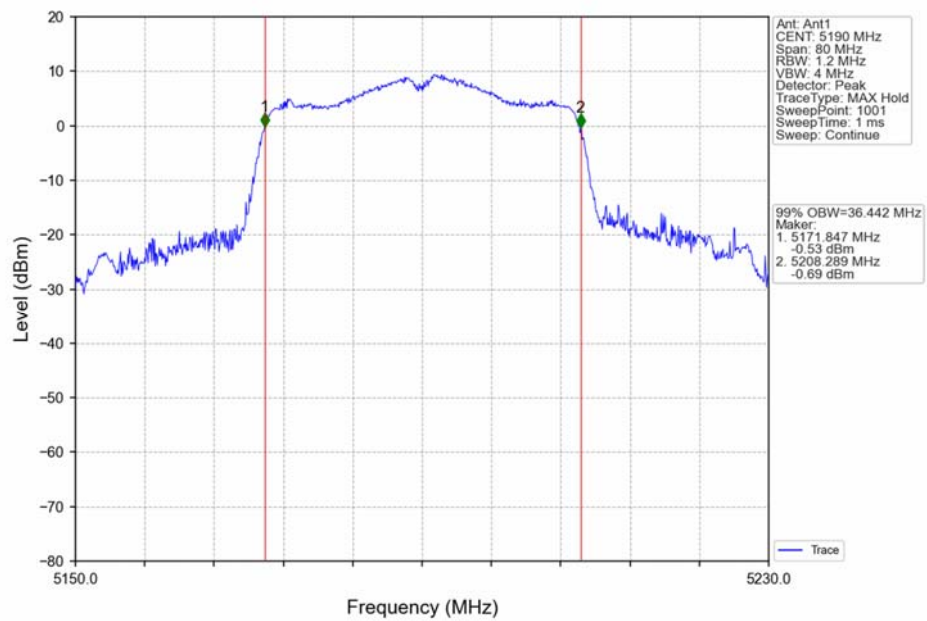
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



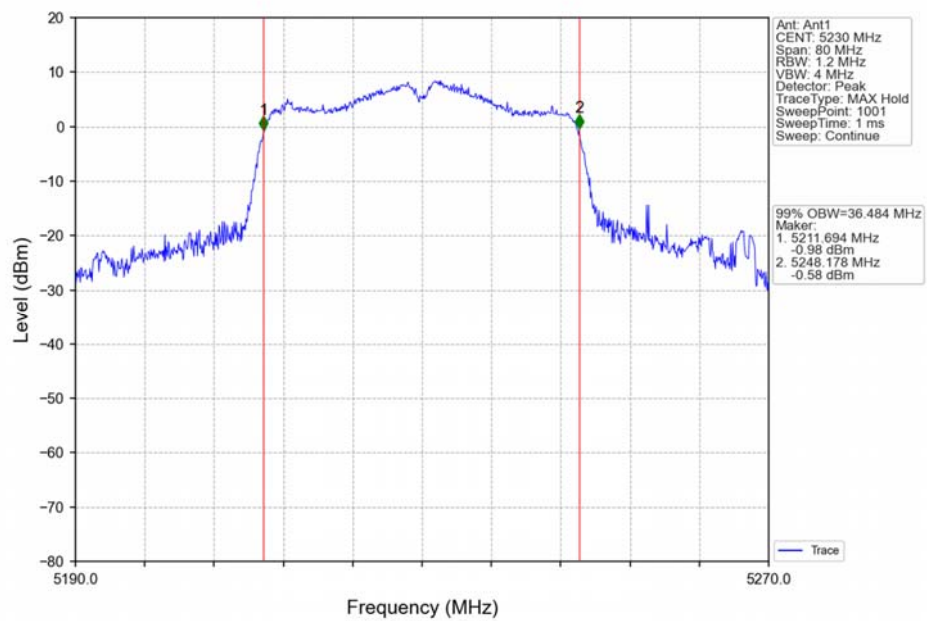
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



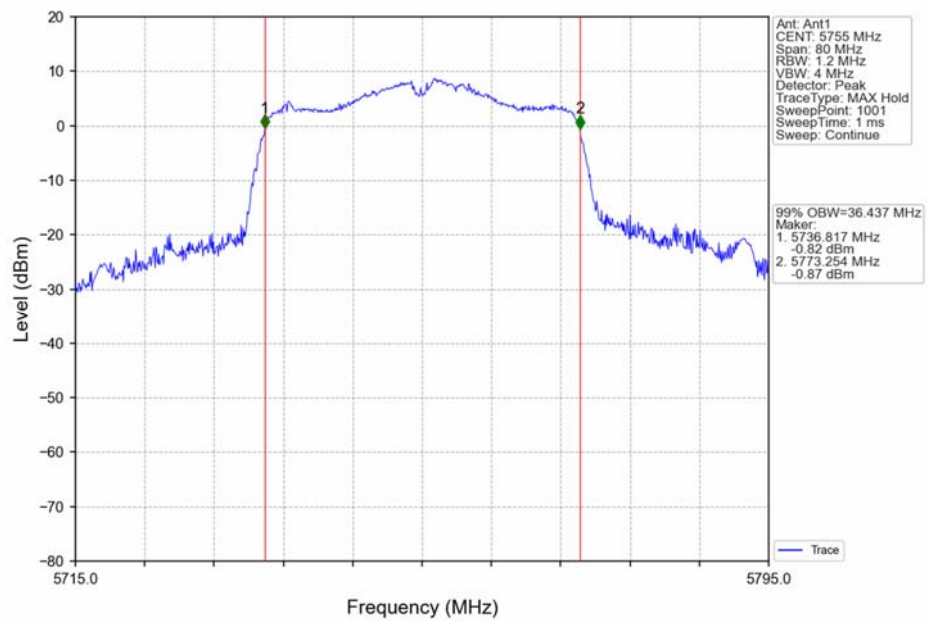
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



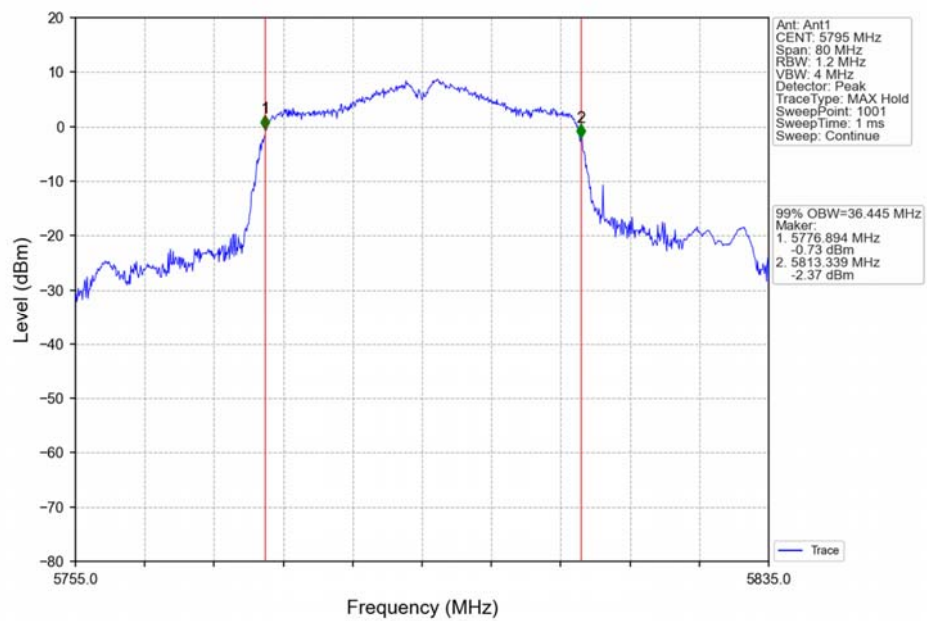
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



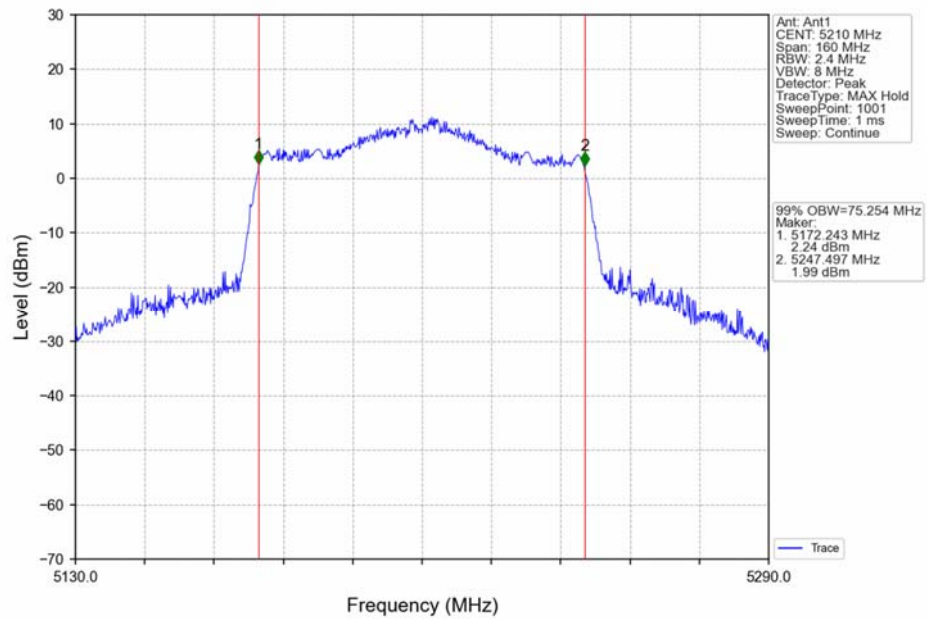
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



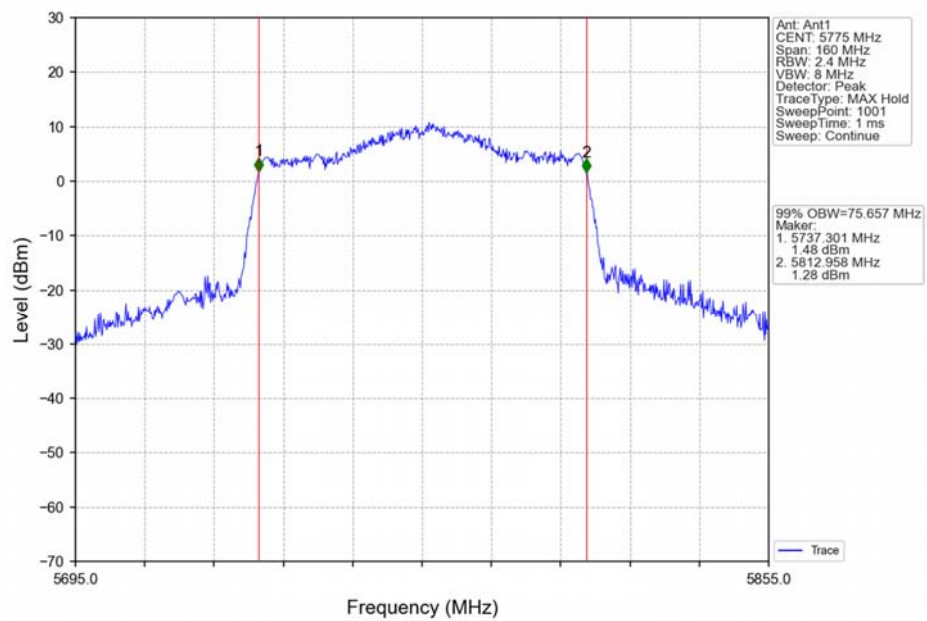
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



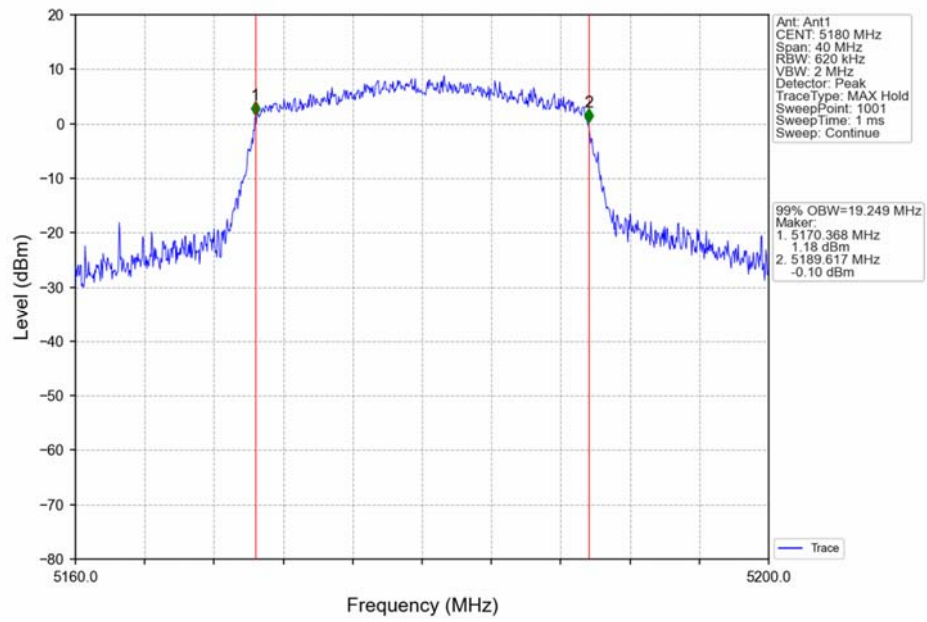
802.11ac(VHT80)_MCH_5210MHz_Ant1_NTNV



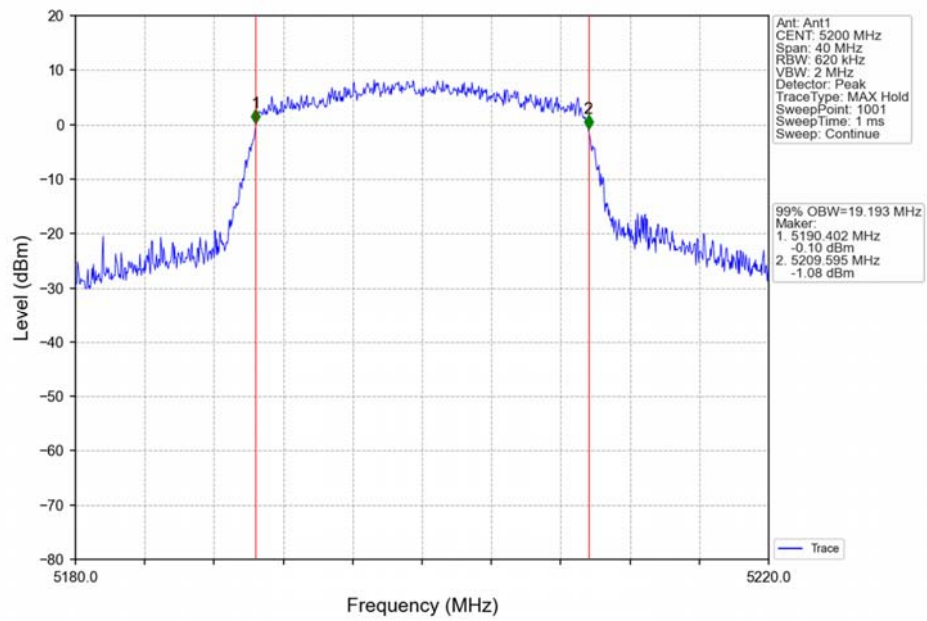
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



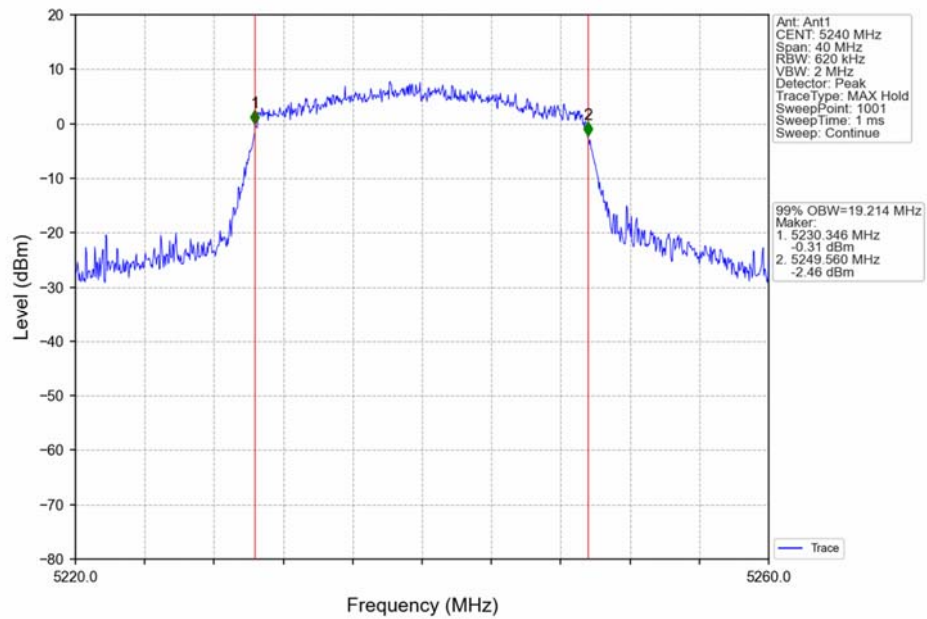
802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



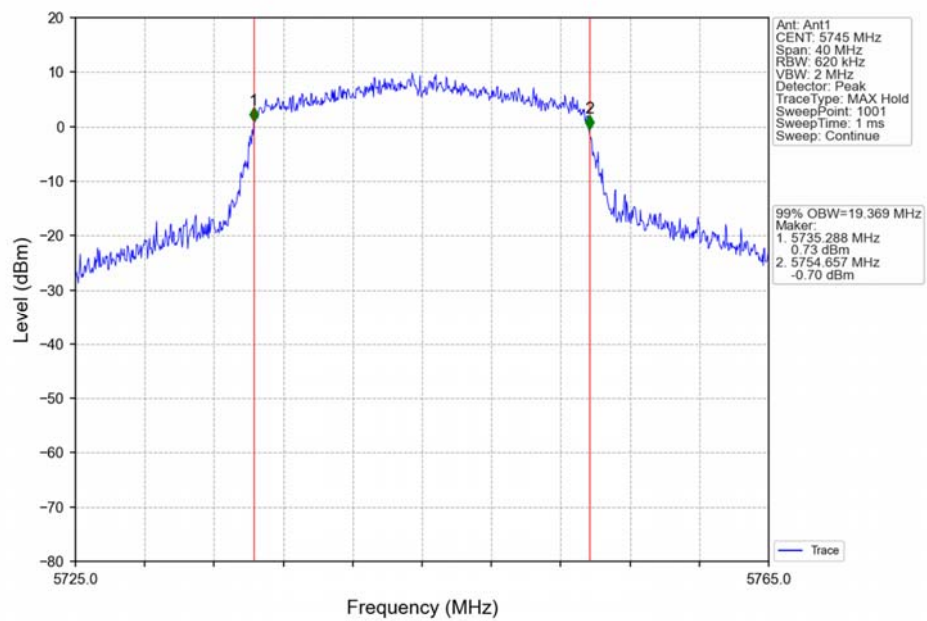
802.11ax(HEW20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



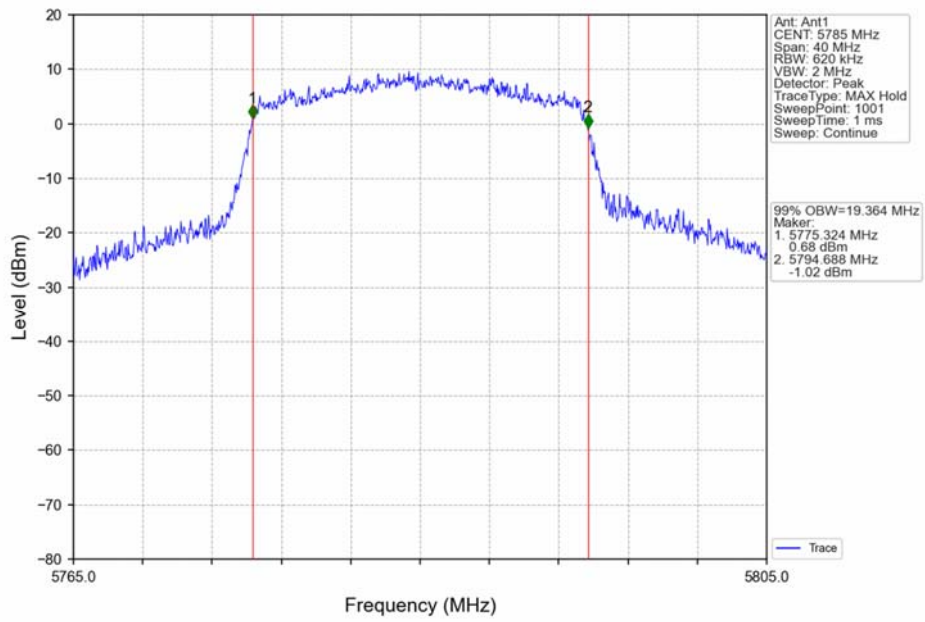
802.11ax(HEW20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



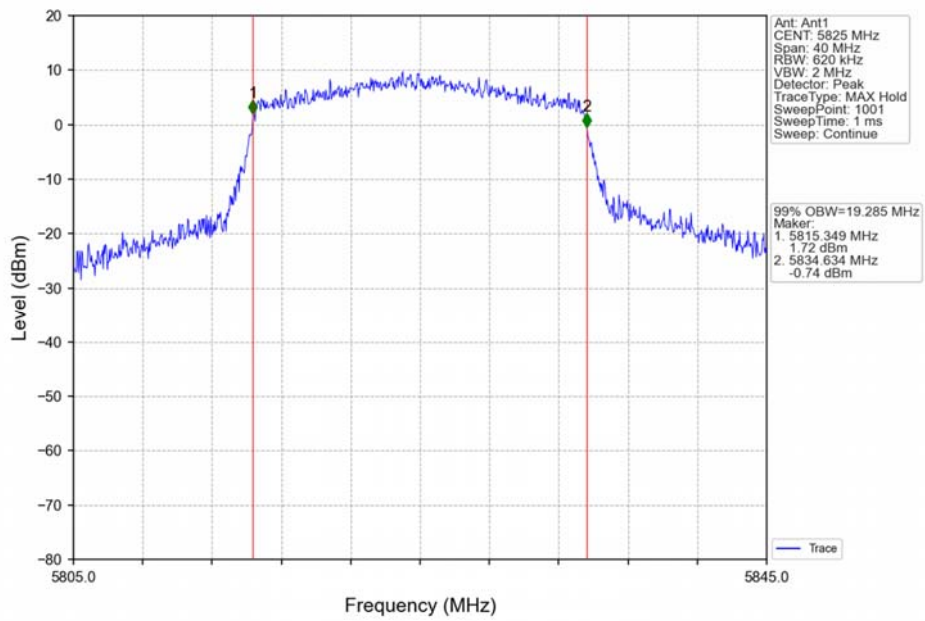
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



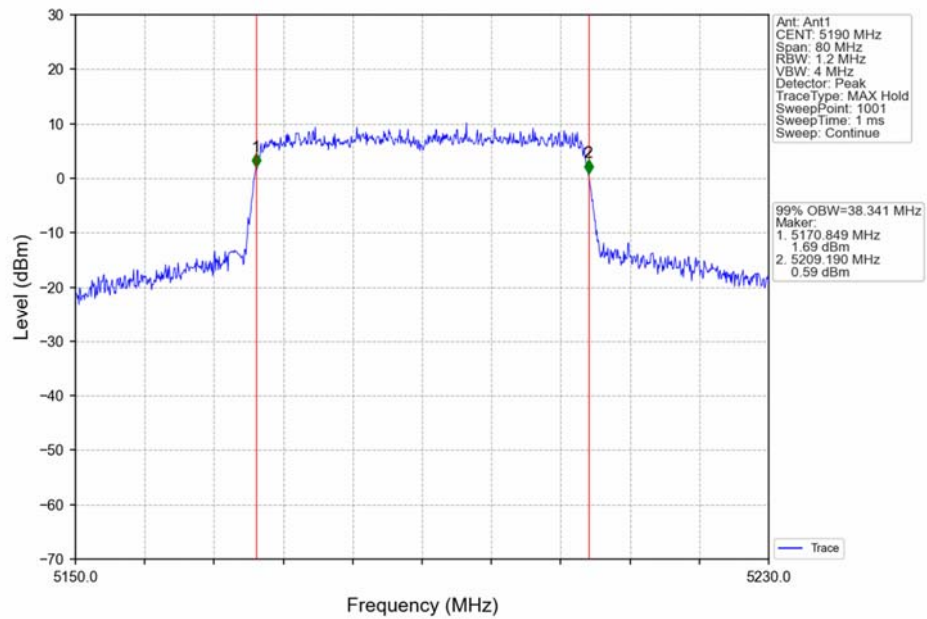
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



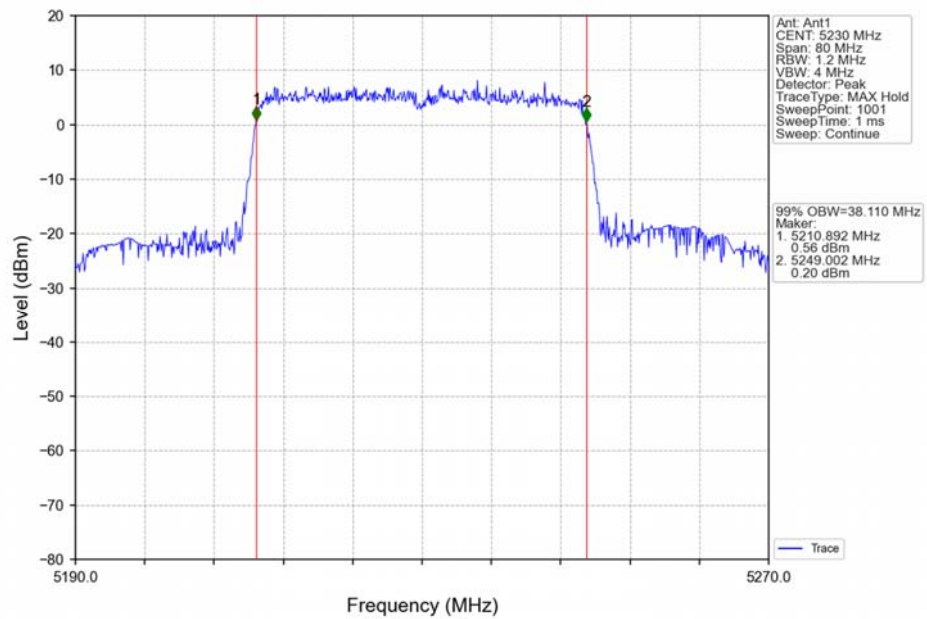
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



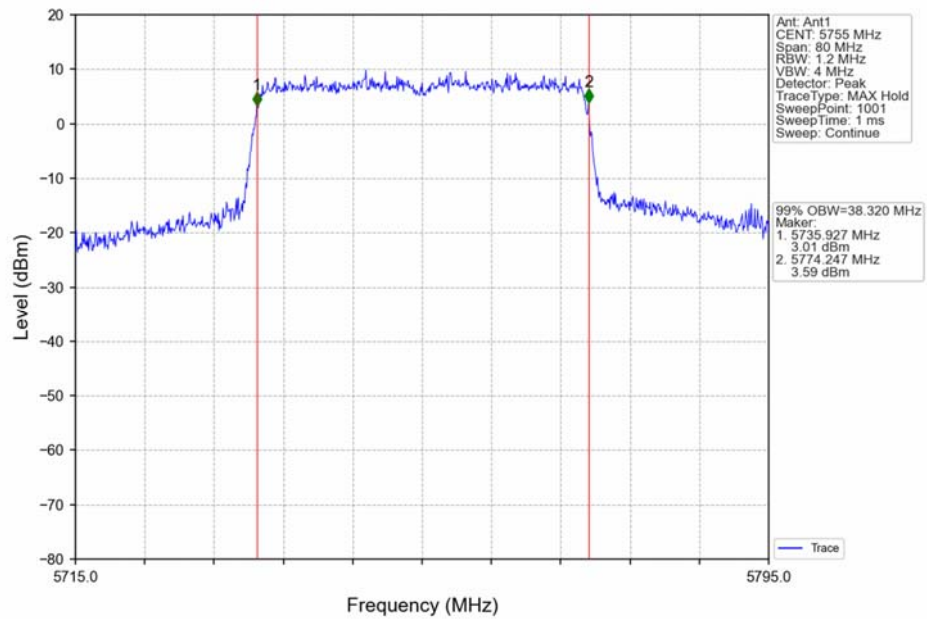
802.11ax(HEW40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



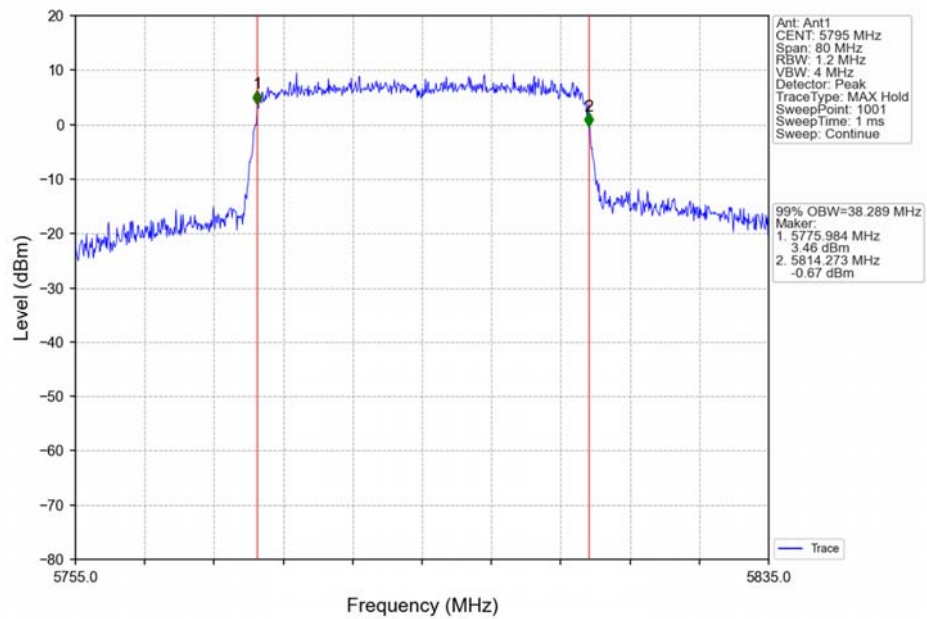
802.11ax(HEW40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



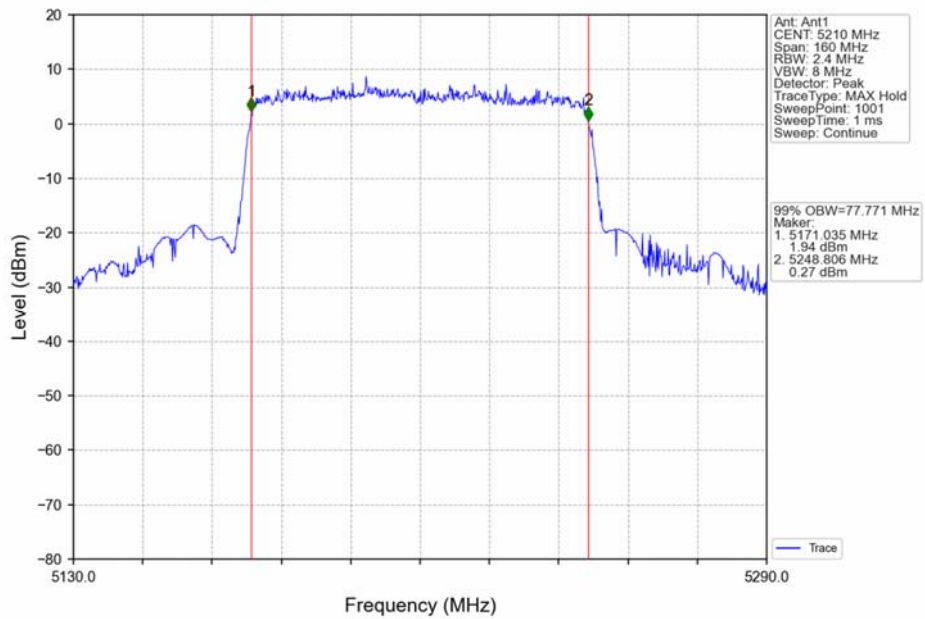
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



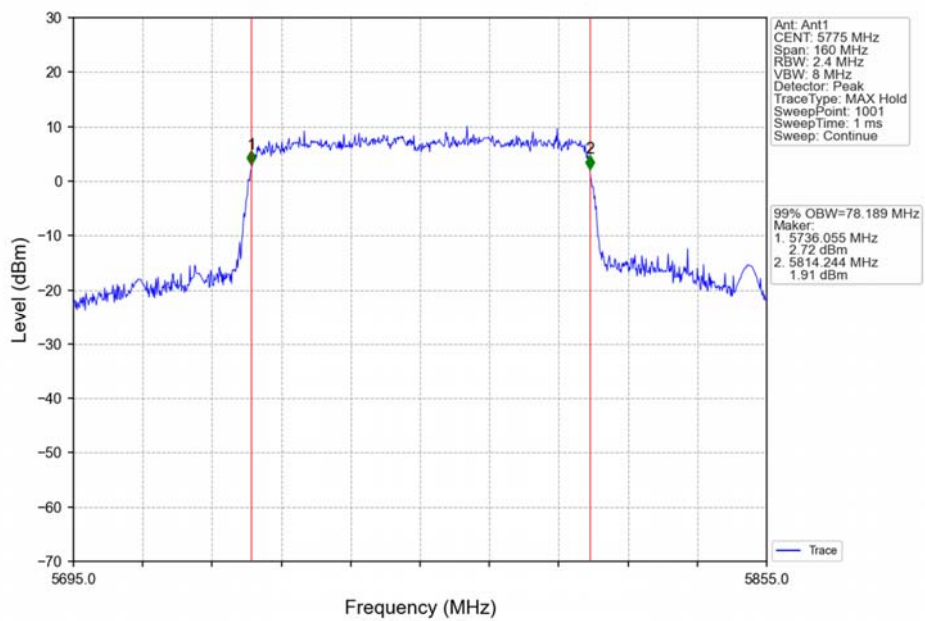
802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5210MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



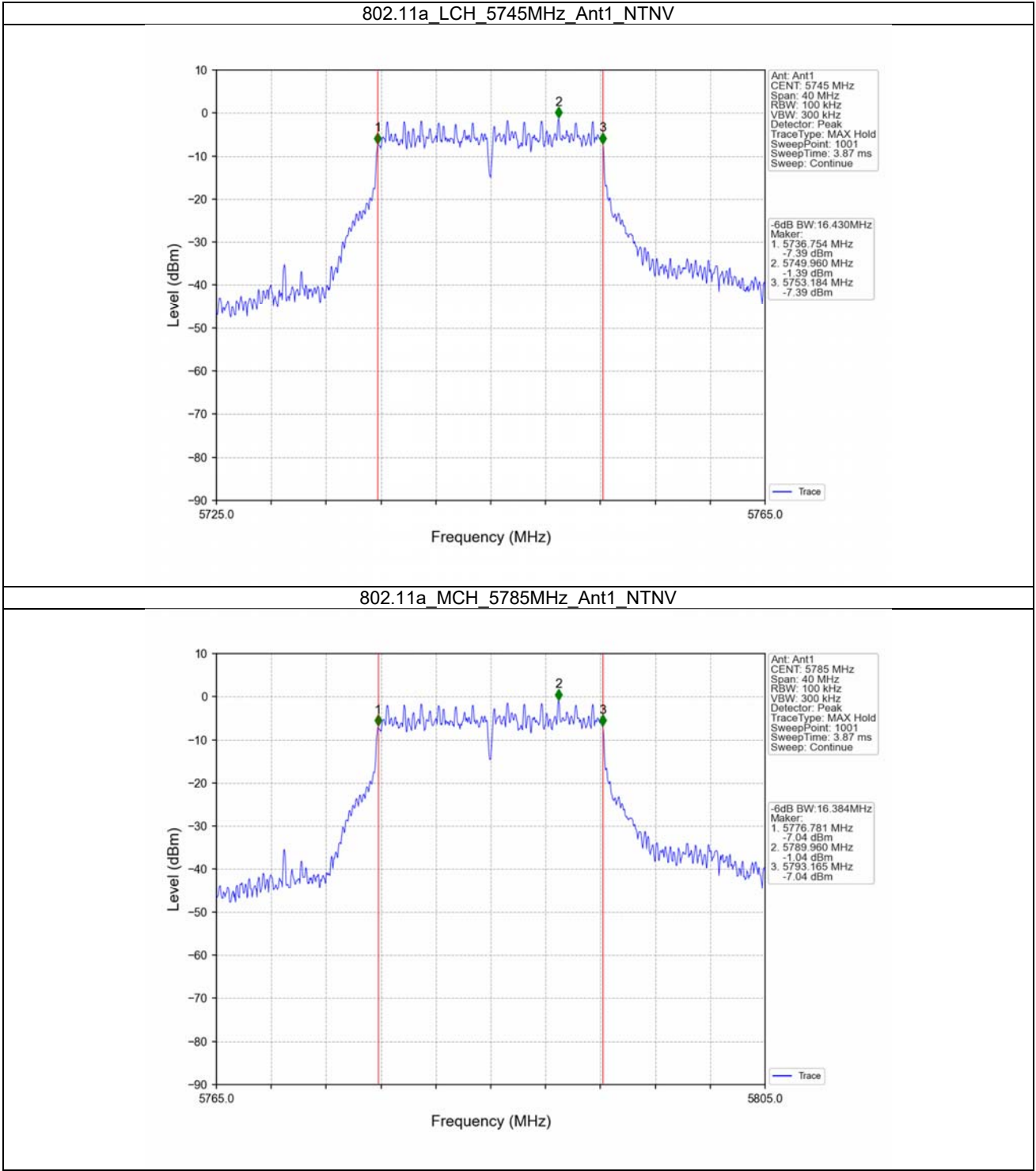
2.2 6dB BW

2.2.1 Test Result

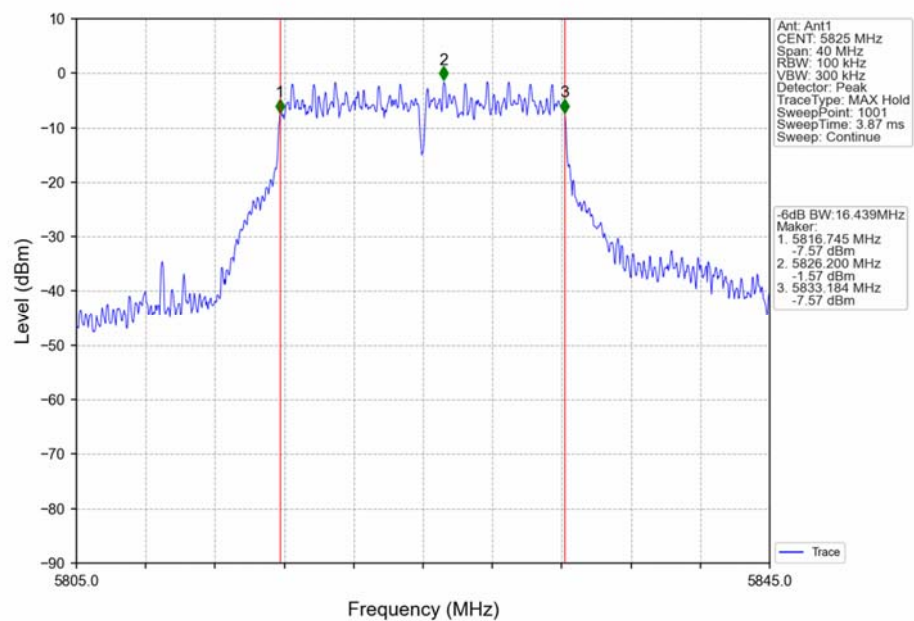
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	MIMO	5745	/	/	1	16.430	>=0.5	Pass
		5785	/	/	1	16.384	>=0.5	Pass
		5825	/	/	1	16.439	>=0.5	Pass
802.11n (HT20)	MIMO	5745	/	/	1	17.759	>=0.5	Pass
		5785	/	/	1	17.774	>=0.5	Pass
		5825	/	/	1	17.741	>=0.5	Pass
802.11n (HT40)	MIMO	5755	/	/	1	36.478	>=0.5	Pass
		5795	/	/	1	36.445	>=0.5	Pass
802.11ac (VHT20)	MIMO	5745	/	/	1	15.270	>=0.5	Pass
		5785	/	/	1	15.246	>=0.5	Pass
		5825	/	/	1	15.258	>=0.5	Pass
802.11ac (VHT40)	MIMO	5755	/	/	1	35.279	>=0.5	Pass
		5795	/	/	1	35.232	>=0.5	Pass
802.11ac (VHT80)	MIMO	5775	/	/	1	75.226	>=0.5	Pass
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	18.196	>=0.5	Pass
		5785	RU242	Left	1	17.299	>=0.5	Pass
		5825	RU242	Left	1	18.562	>=0.5	Pass
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	37.481	>=0.5	Pass
		5795	RU484	Left	1	37.336	>=0.5	Pass
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	76.962	>=0.5	Pass

Note: ANT 1(2) Represent the value of antenna 1 and 2, The worst data is Antenna 1, only shown Antenna 1 Plot.

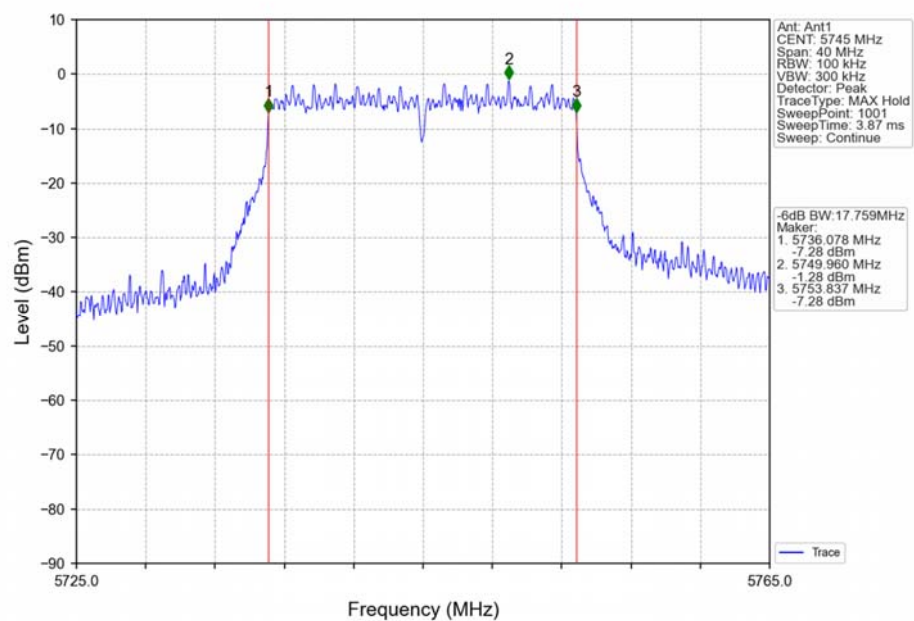
2.2.2 Test Graph



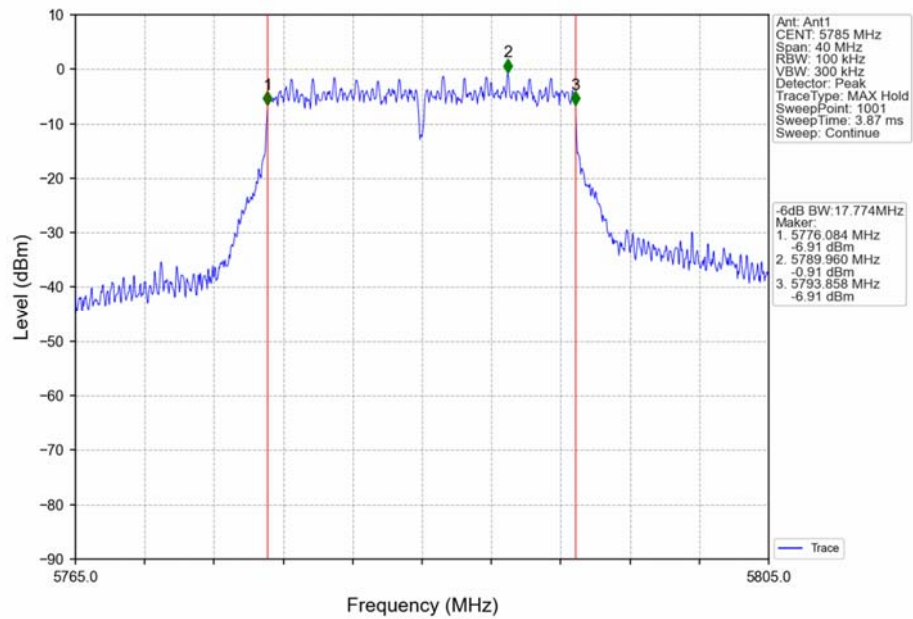
802.11a_HCH_5825MHz_Ant1_NTNV



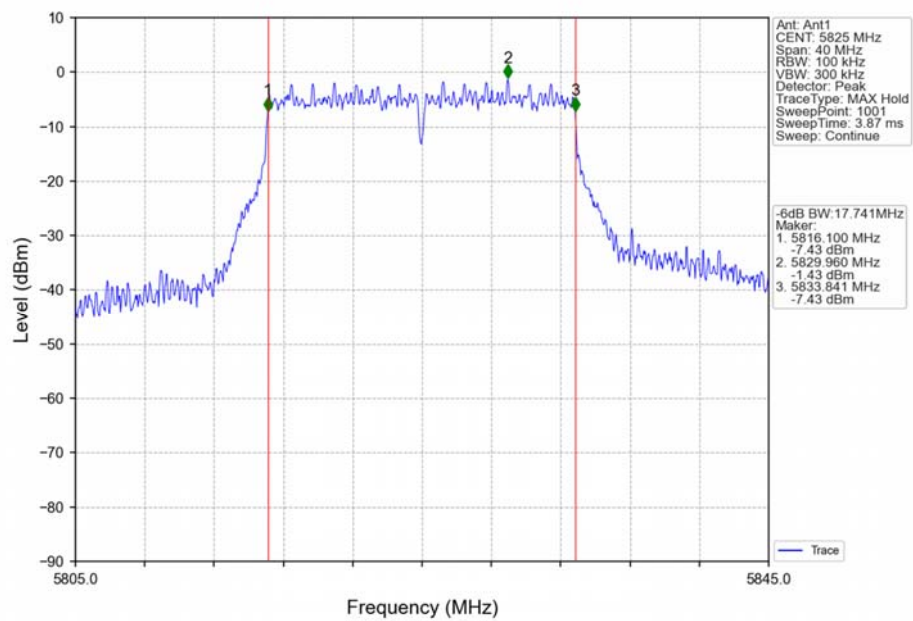
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



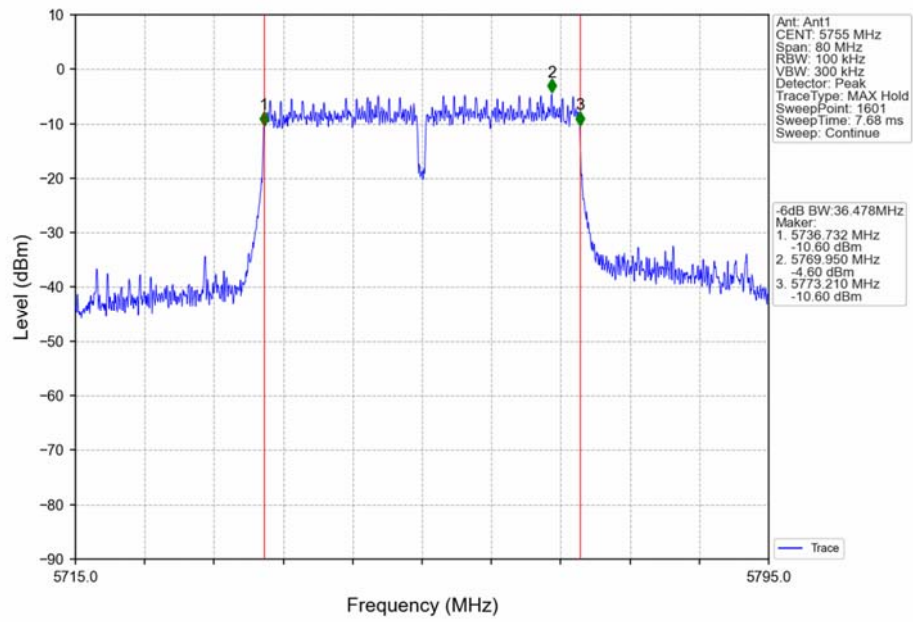
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



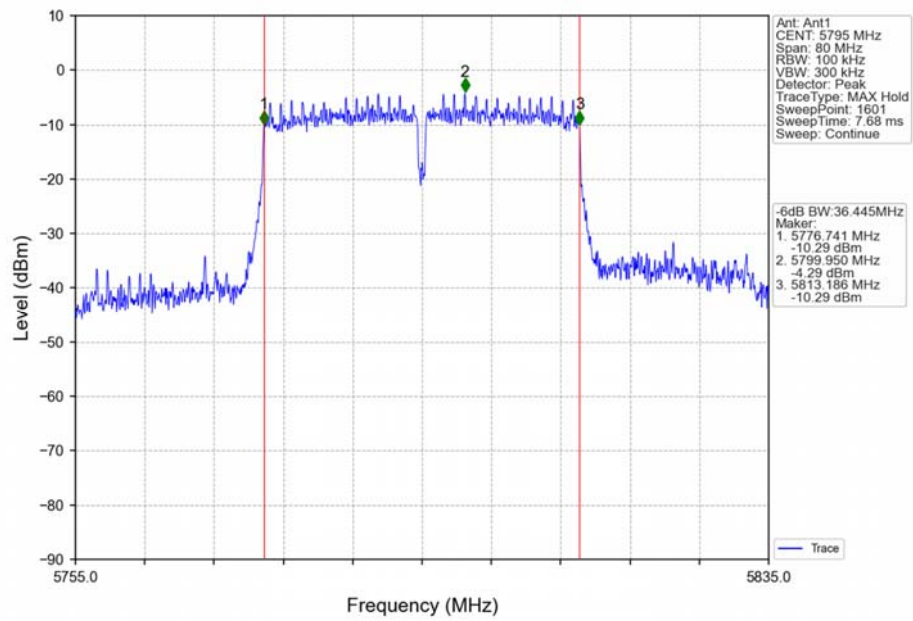
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



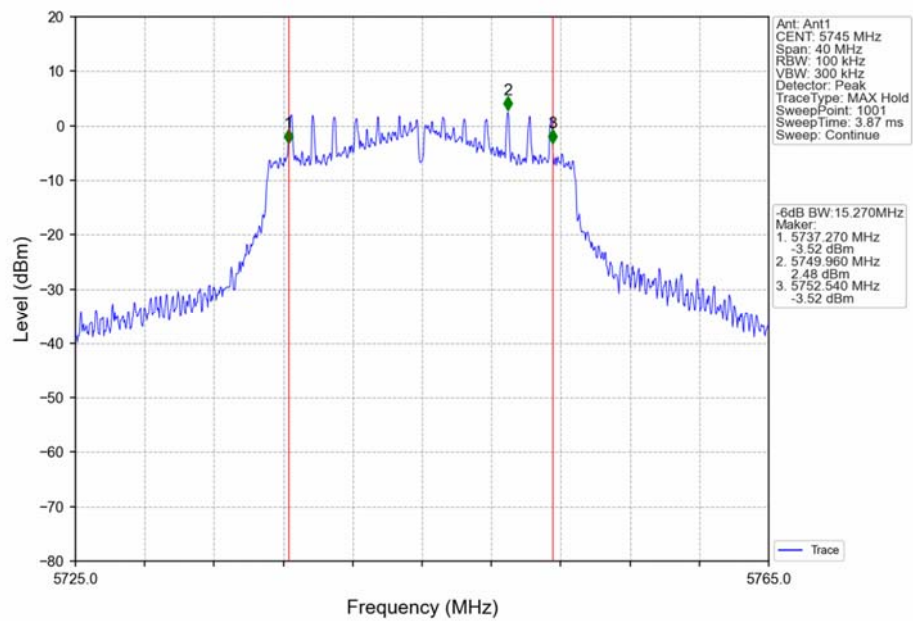
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



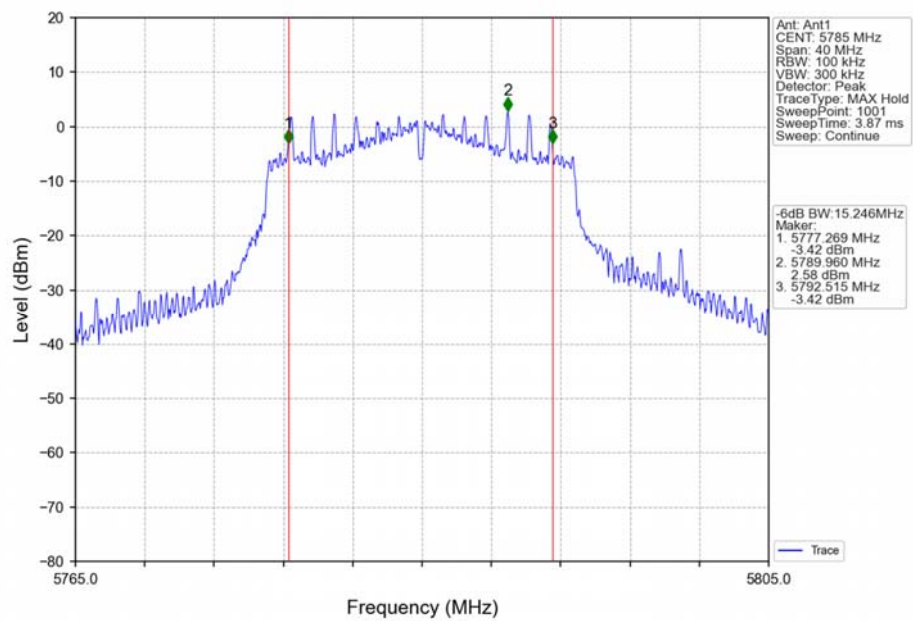
802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



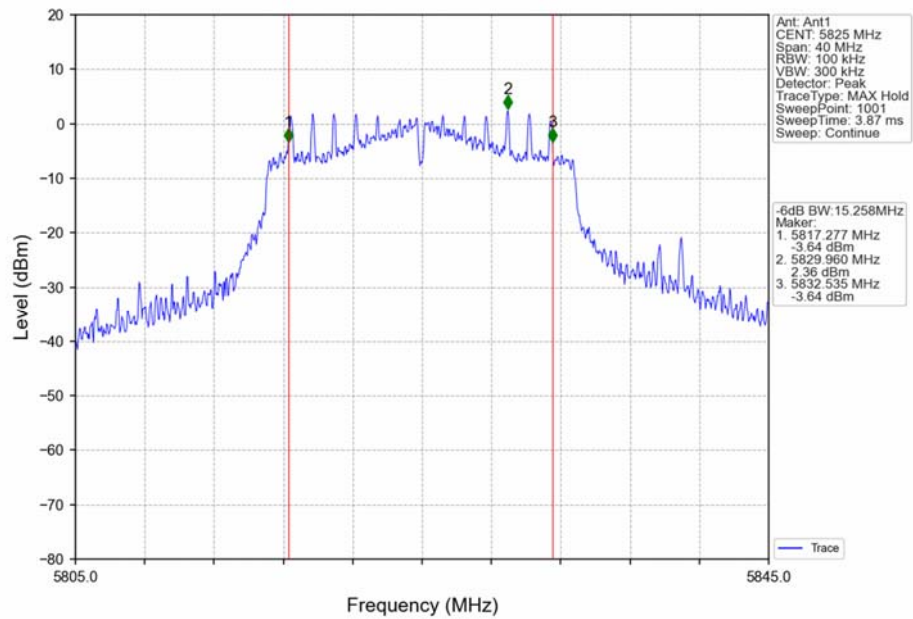
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



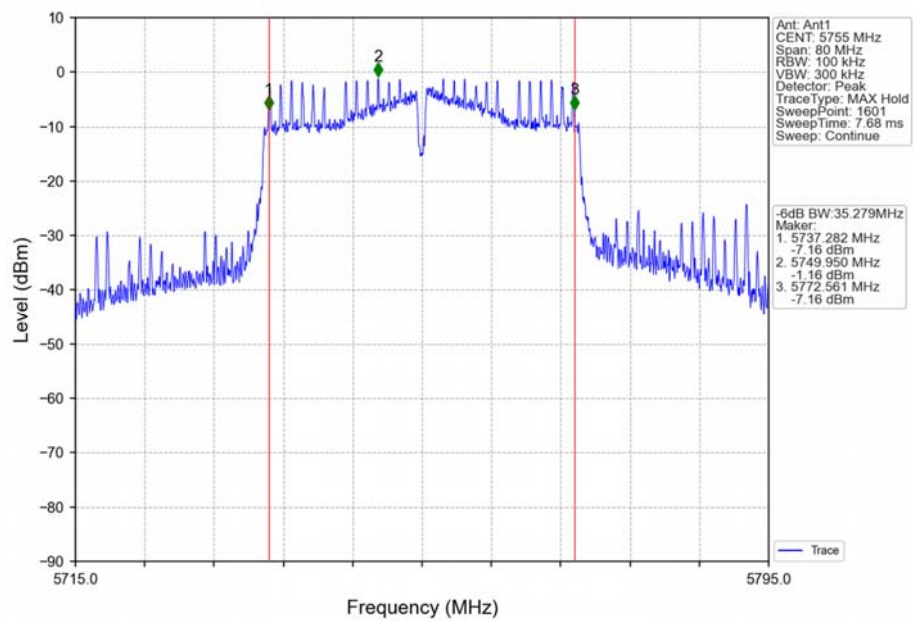
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



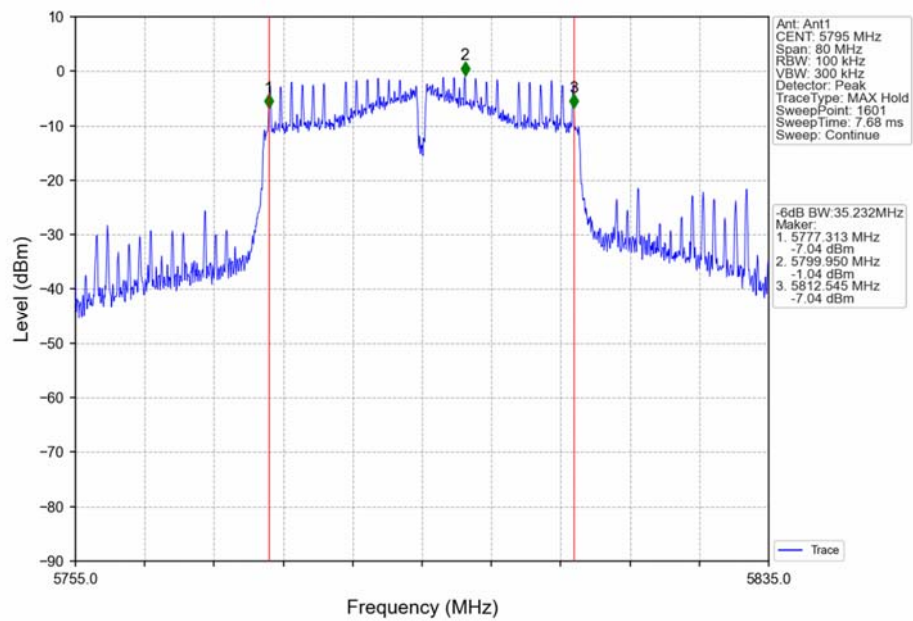
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



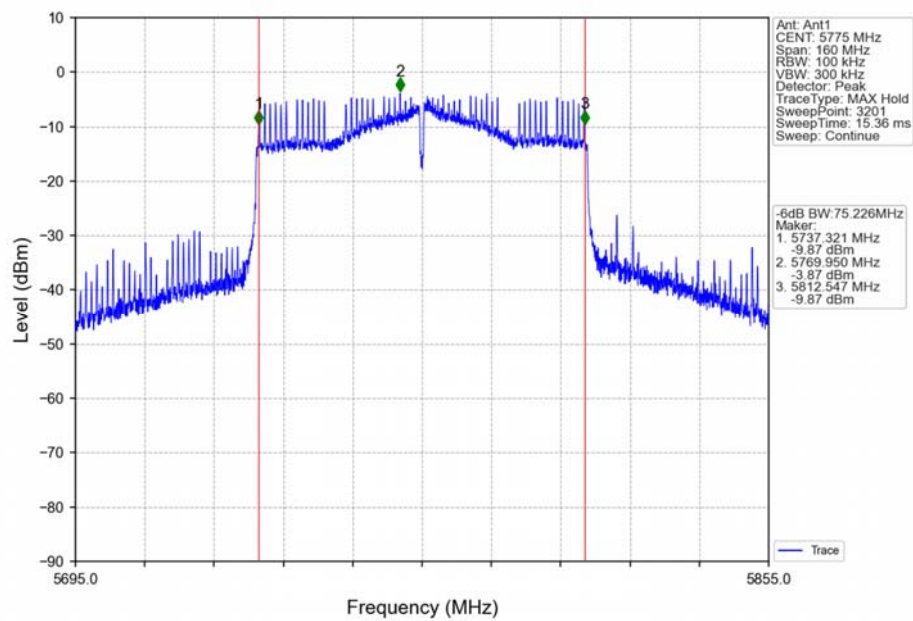
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



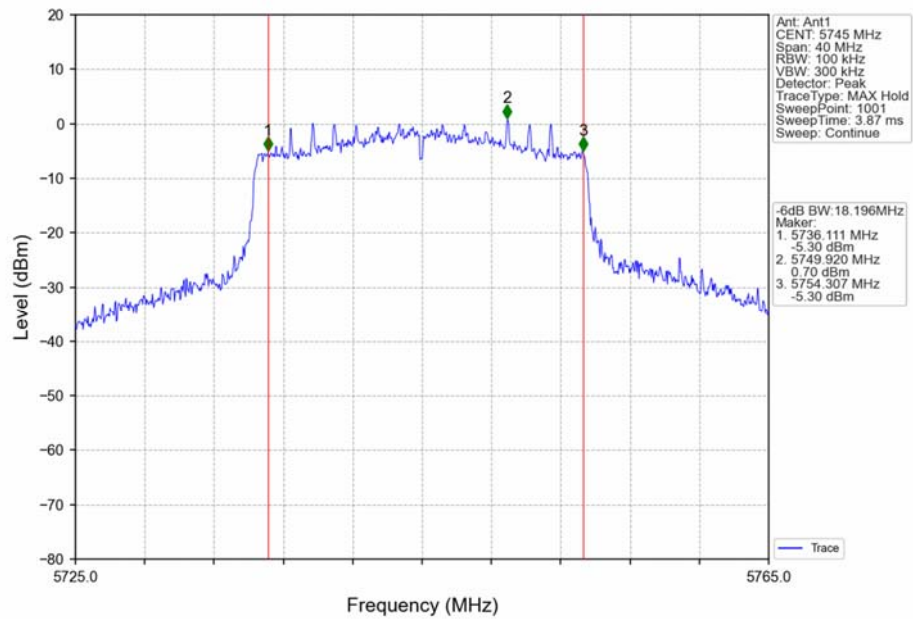
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



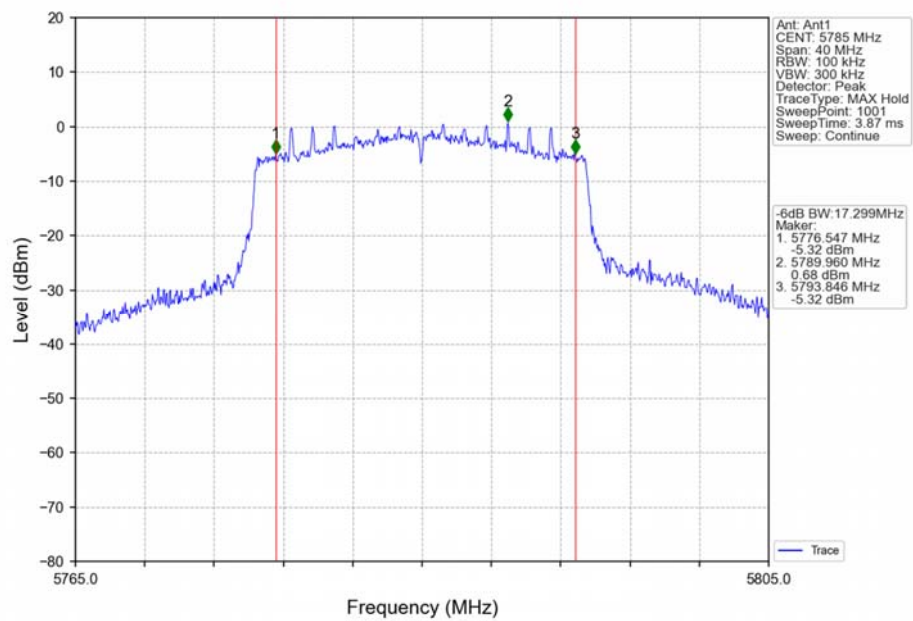
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



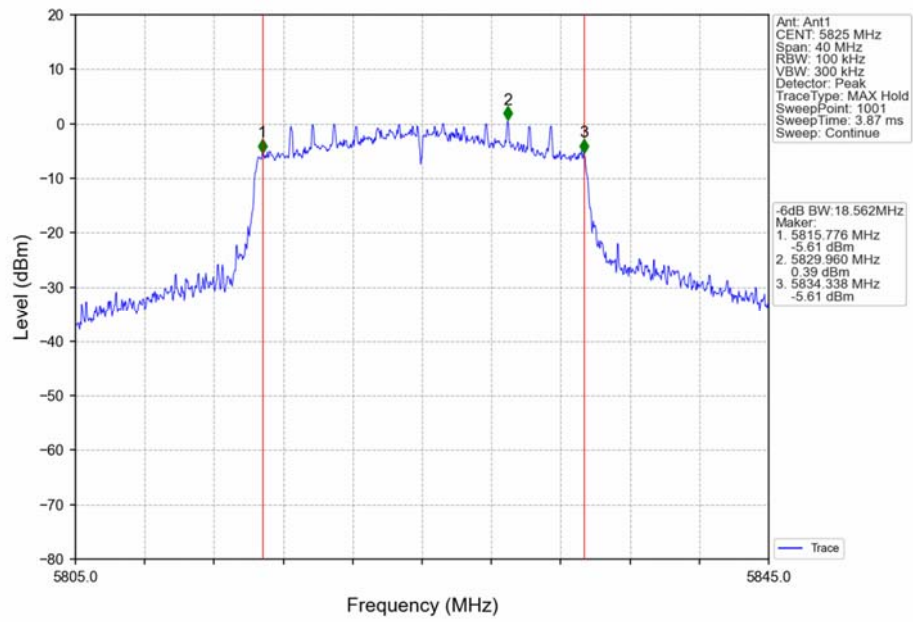
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



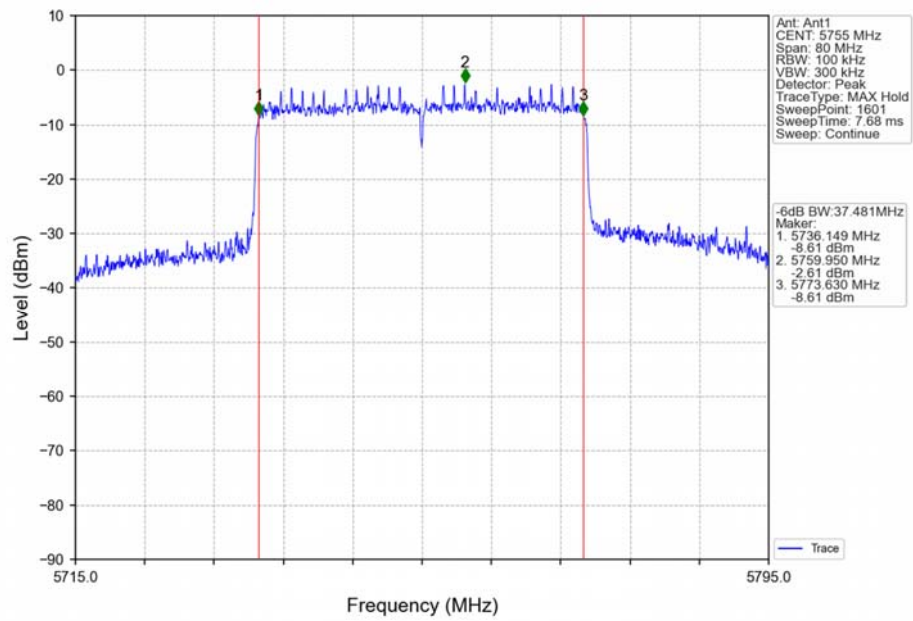
802.11ax(HEW20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



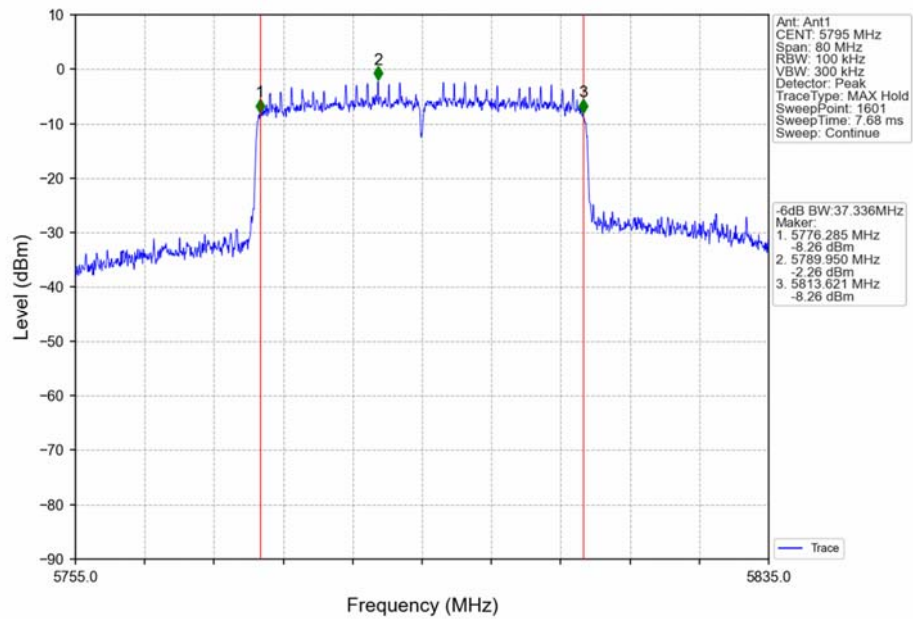
802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



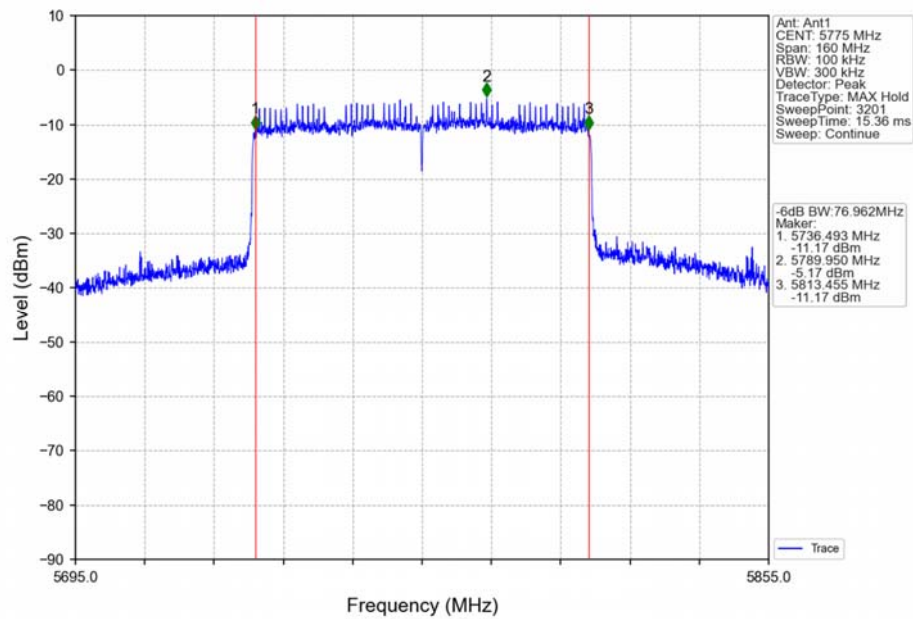
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



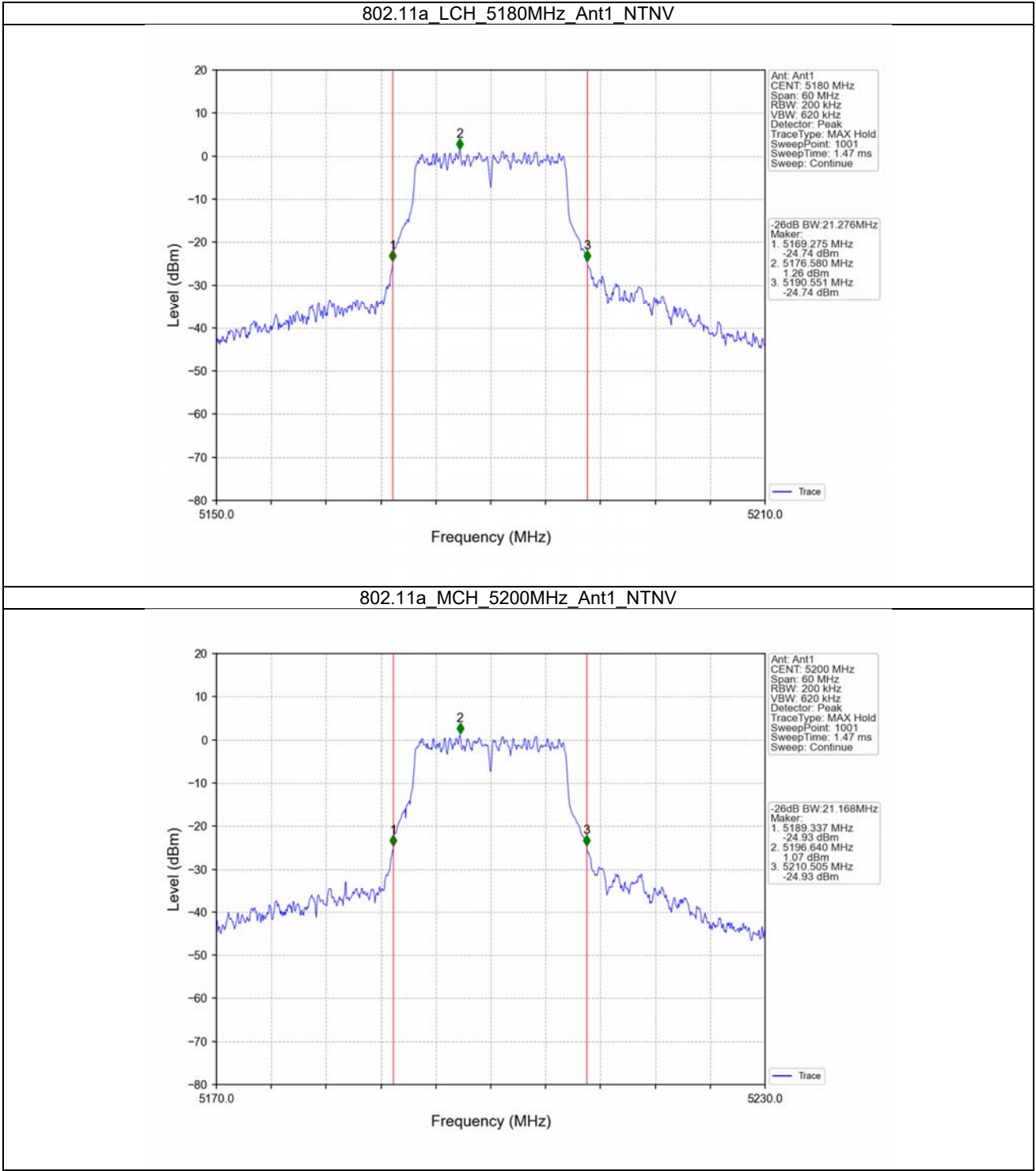
2.3 26dB BW

2.3.1 Test Result

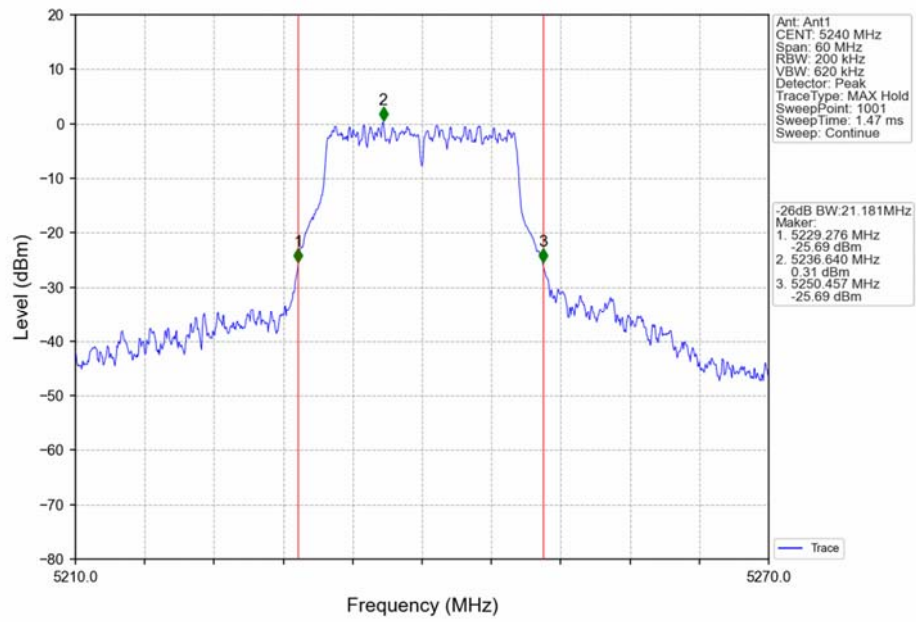
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)	Verdict
						Result	
802.11a	MIMO	5180	/	/	1	21.276	Pass
		5200	/	/	1	21.168	Pass
		5240	/	/	1	21.181	Pass
802.11n (HT20)	MIMO	5180	/	/	1	21.510	Pass
		5200	/	/	1	21.638	Pass
		5240	/	/	1	21.455	Pass
802.11n (HT40)	MIMO	5190	/	/	1	45.785	Pass
		5230	/	/	1	39.522	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1	21.376	Pass
		5200	/	/	1	20.887	Pass
		5240	/	/	1	21.221	Pass
802.11ac (VHT40)	MIMO	5190	/	/	1	38.932	Pass
		5230	/	/	1	39.139	Pass
802.11ac (VHT80)	MIMO	5210	/	/	1	79.923	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	1	21.234	Pass
		5200	RU242	Left	1	21.353	Pass
		5240	RU242	Left	1	21.189	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	1	49.348	Pass
		5230	RU484	Left	1	39.969	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	1	81.678	Pass

Note: ANT 1(2) Represent the value of antenna 1 and 2, The worst data is Antenna 1, only shown Antenna 1 Plot.

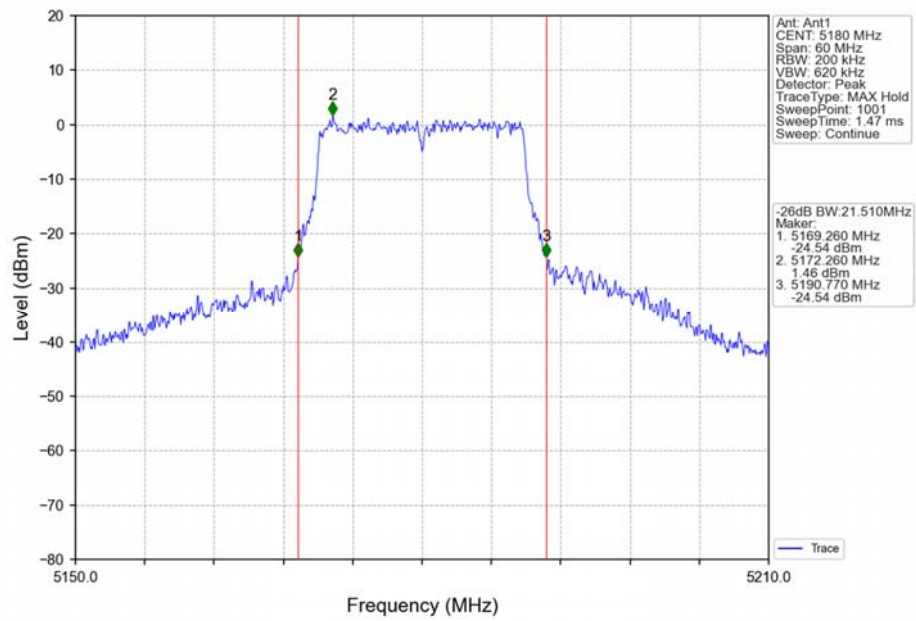
2.3.2 Test Graph



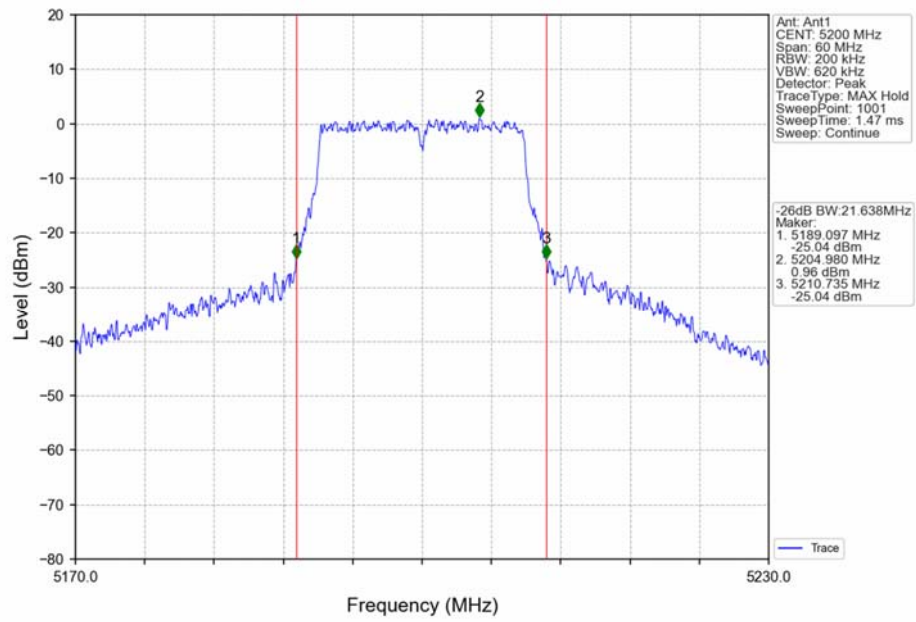
802.11a_HCH_5240MHz_Ant1_NTNV



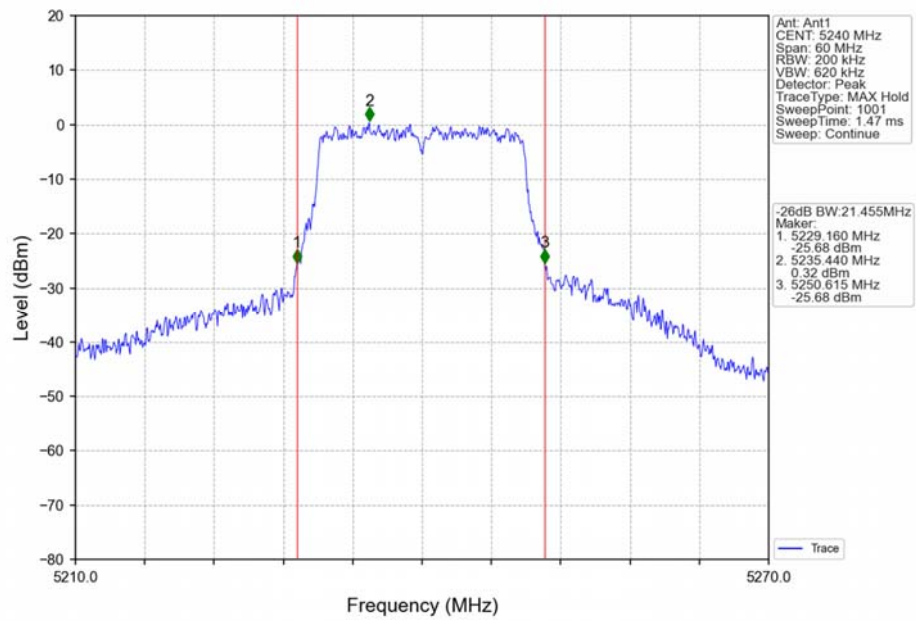
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



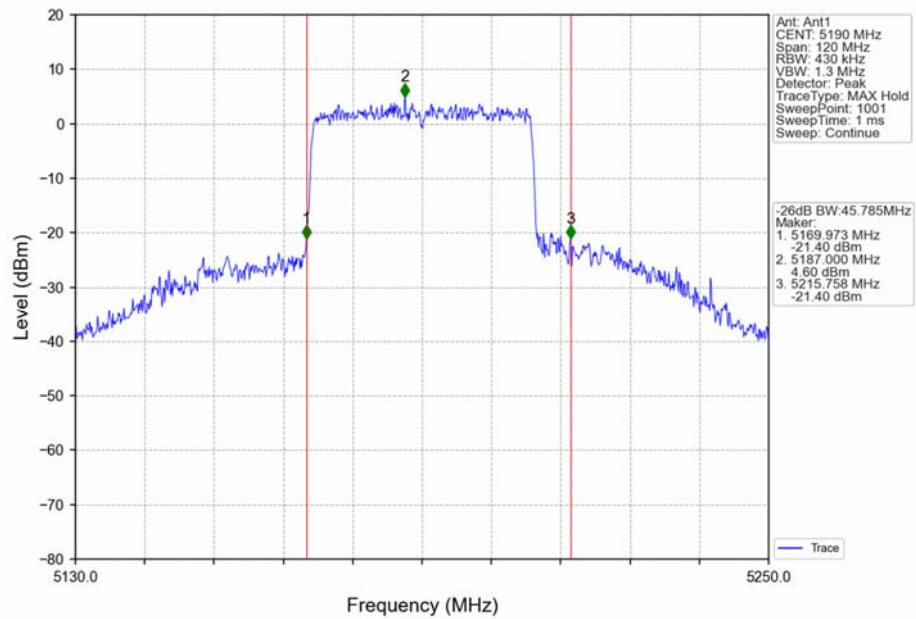
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



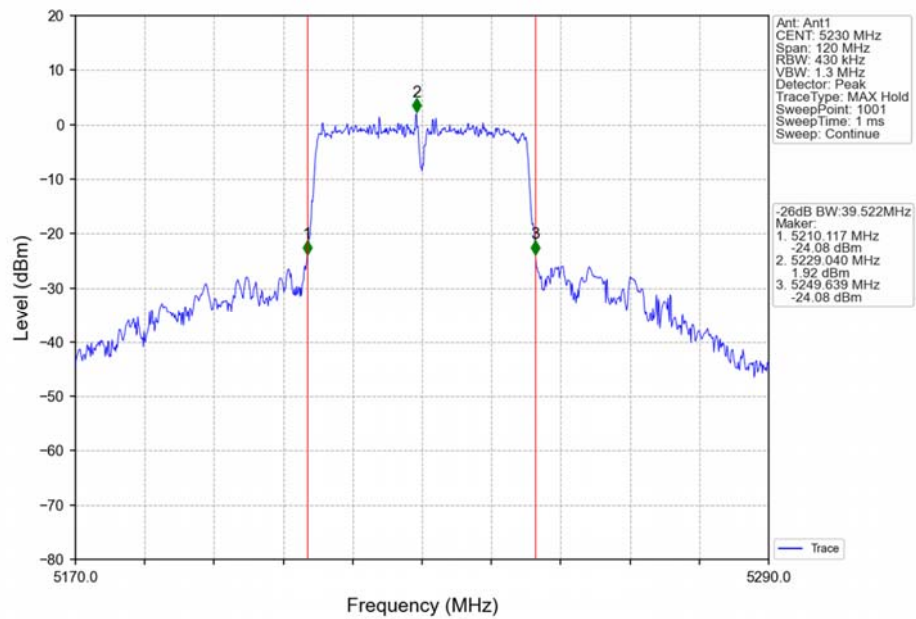
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



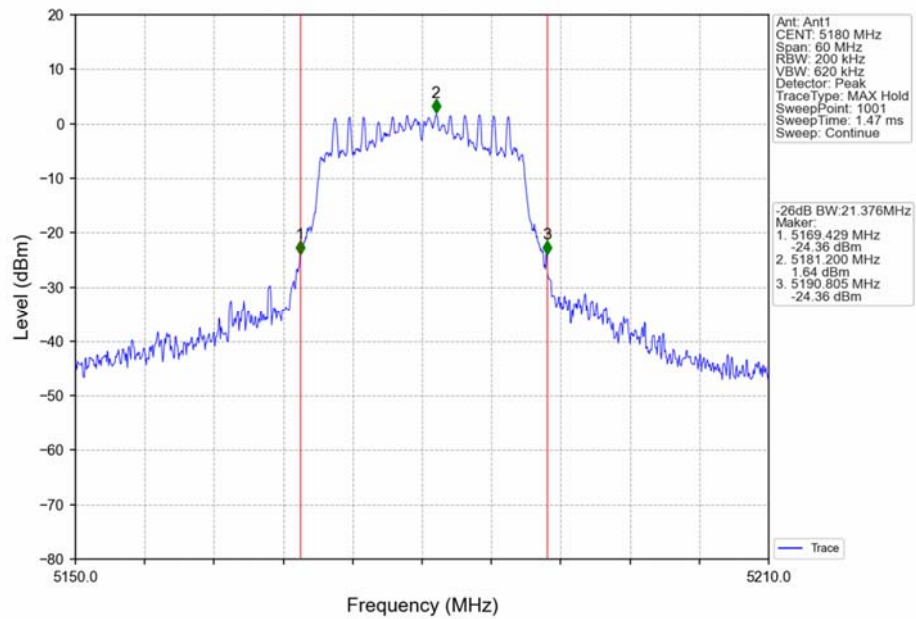
802.11n(HT40)_LCH_5190MHz_Ant1_NTNV



802.11n(HT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV

