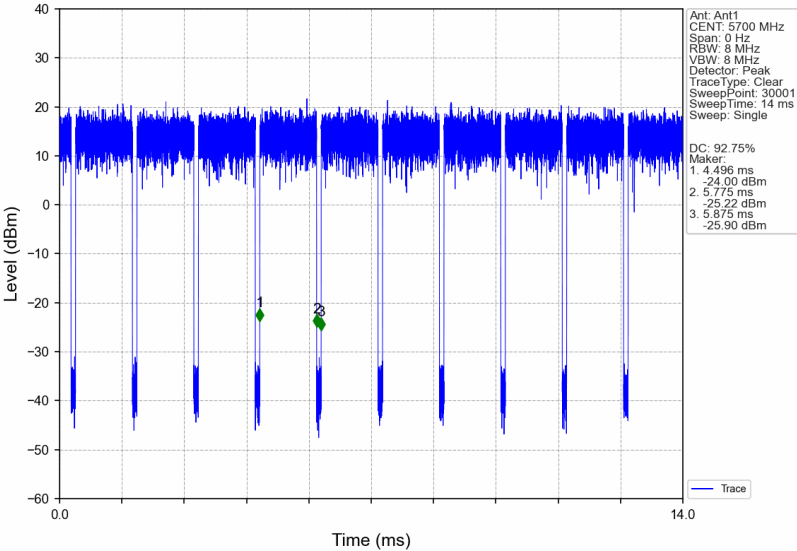
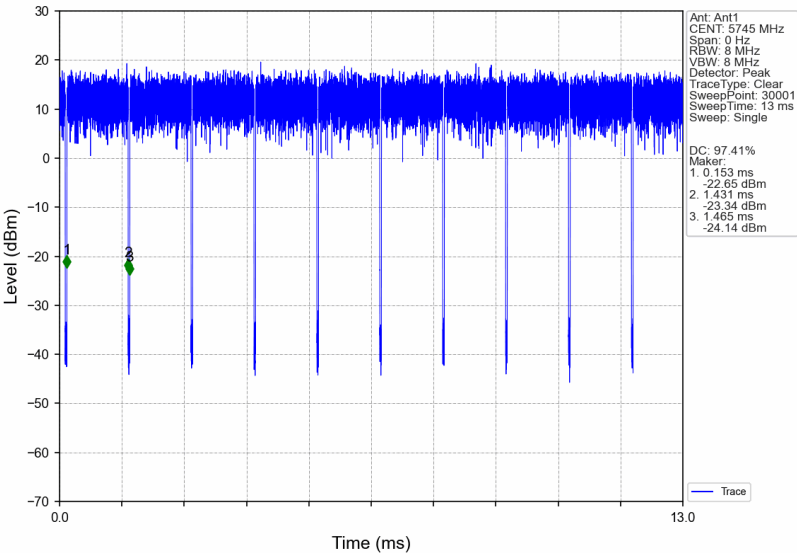


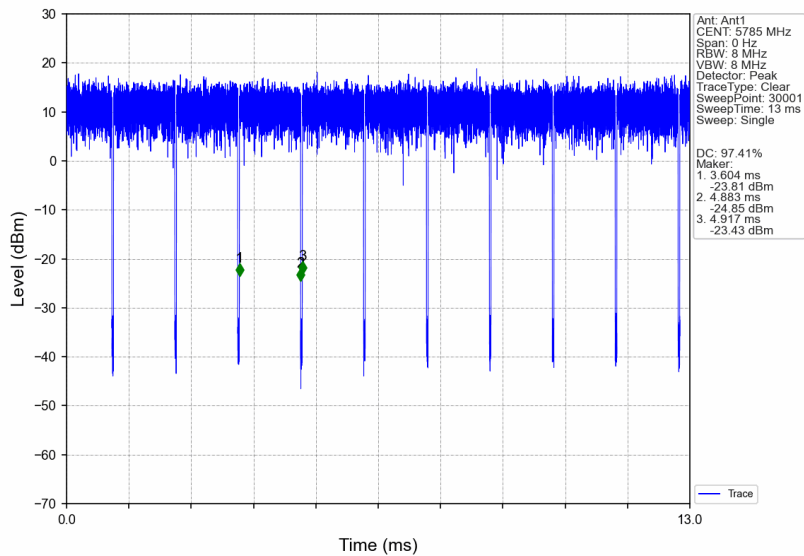
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



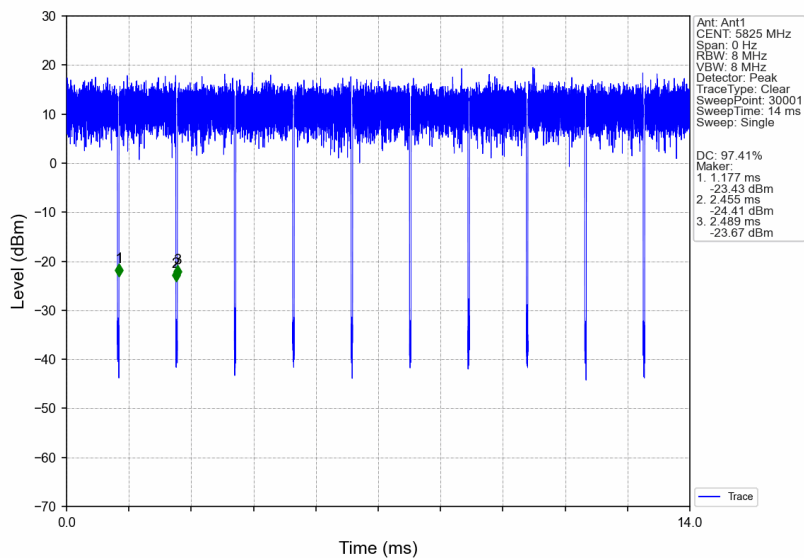
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



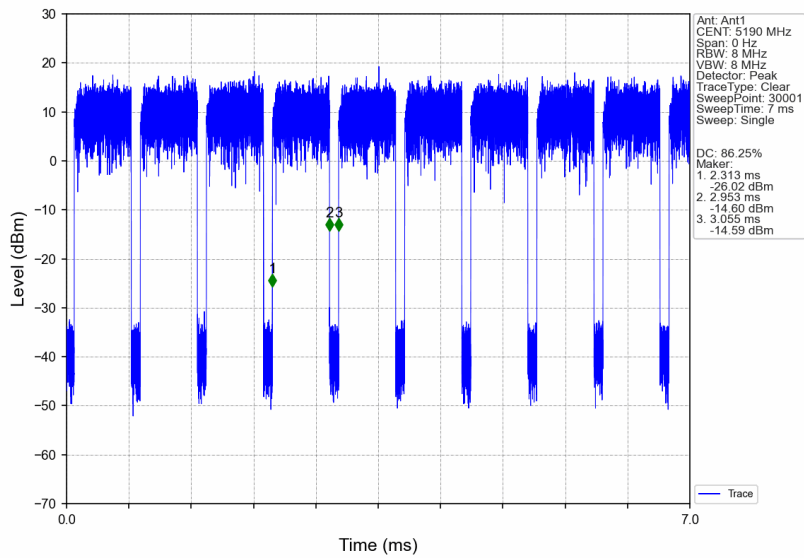
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



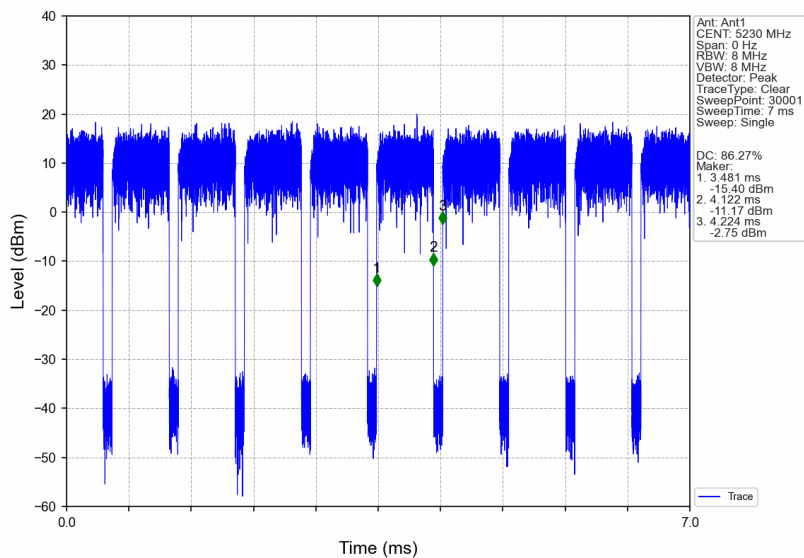
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



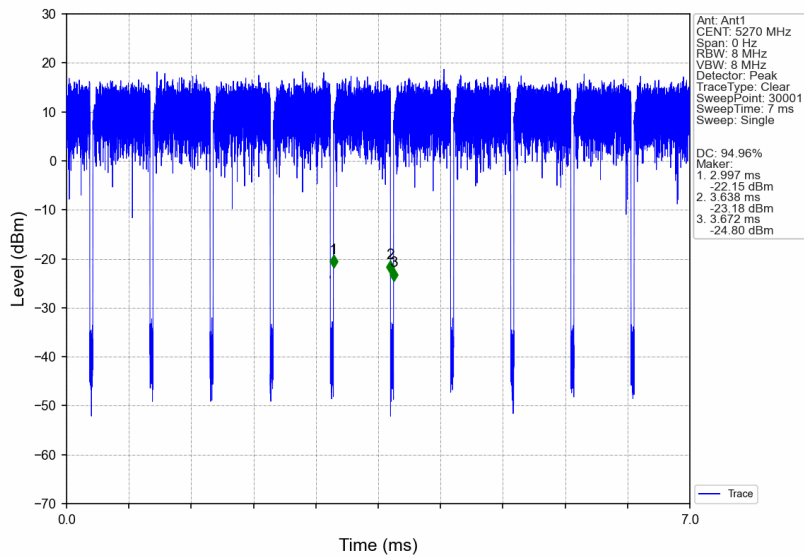
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



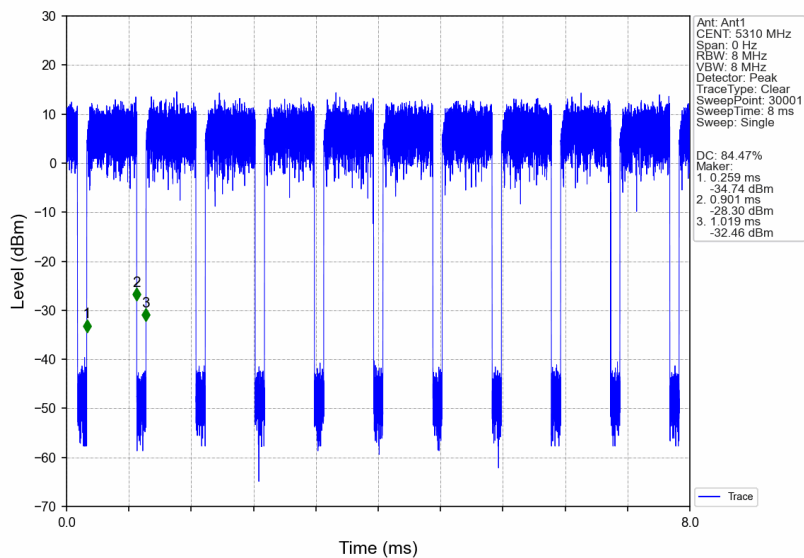
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



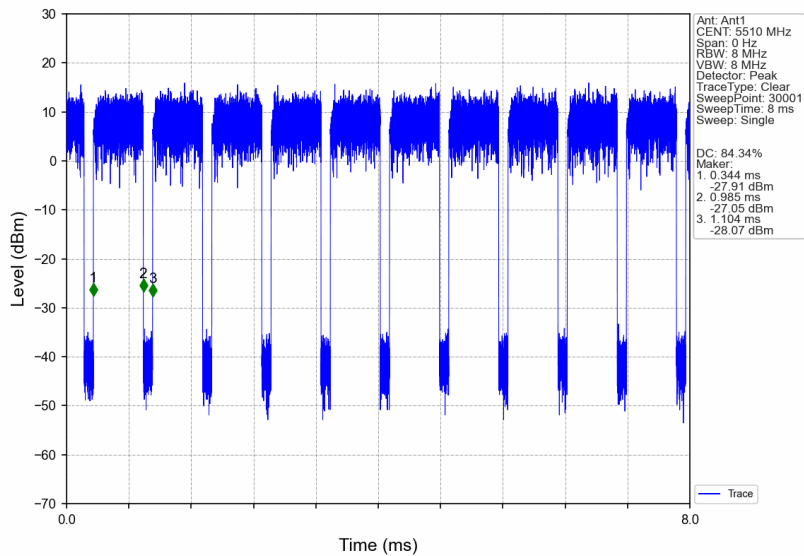
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



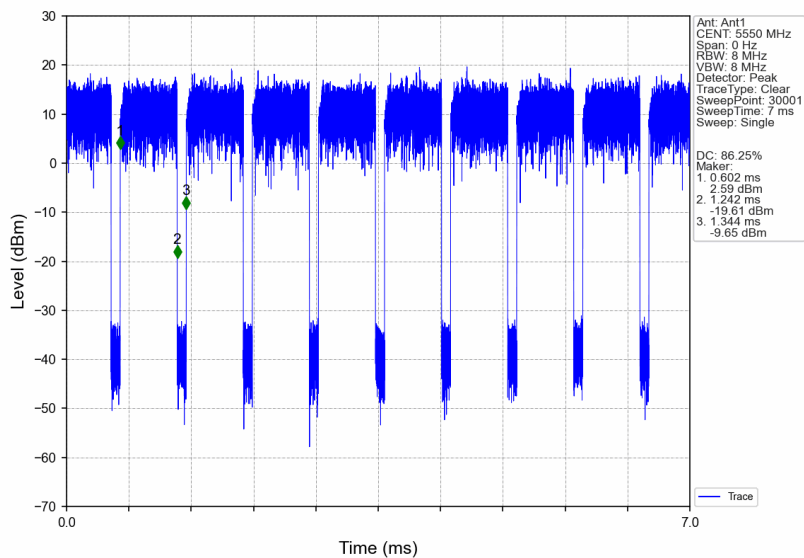
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



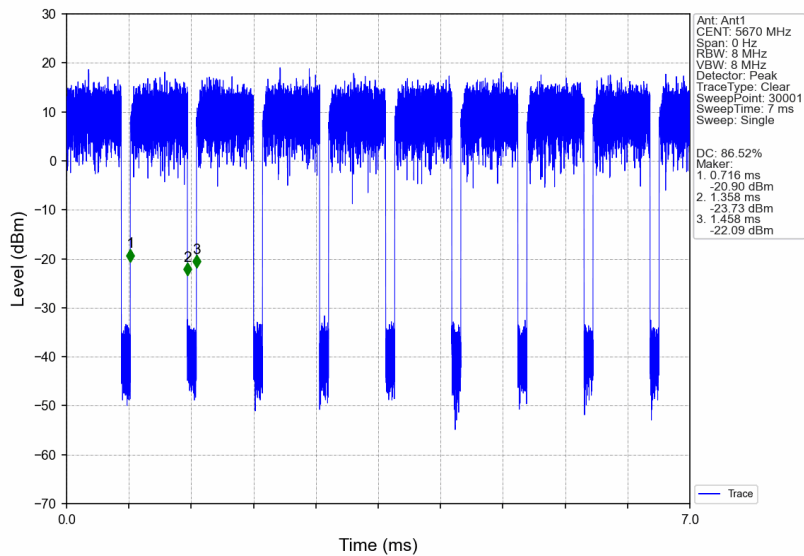
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



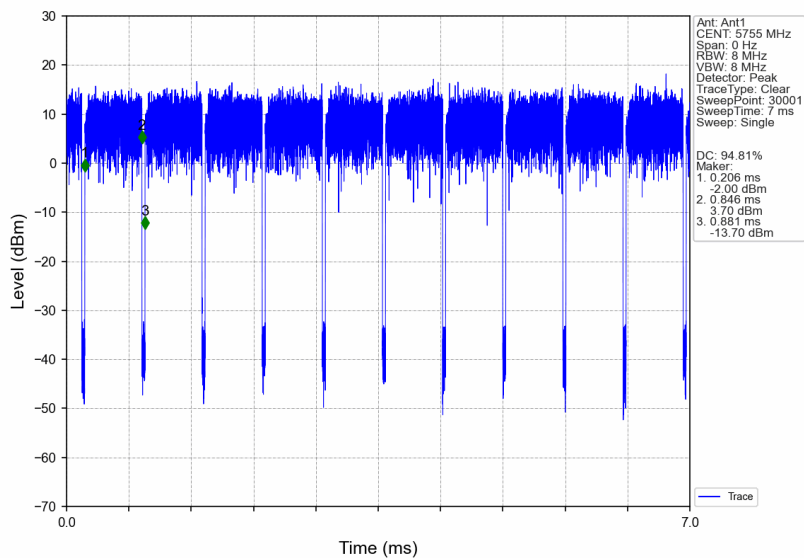
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



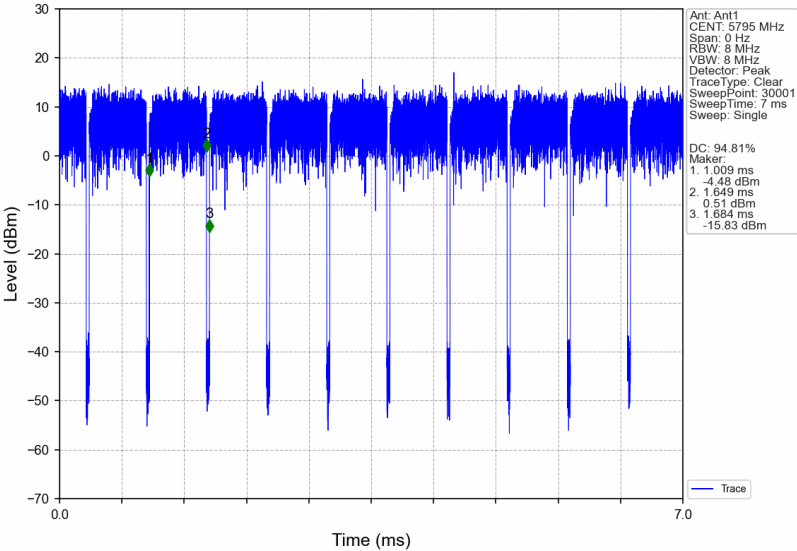
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



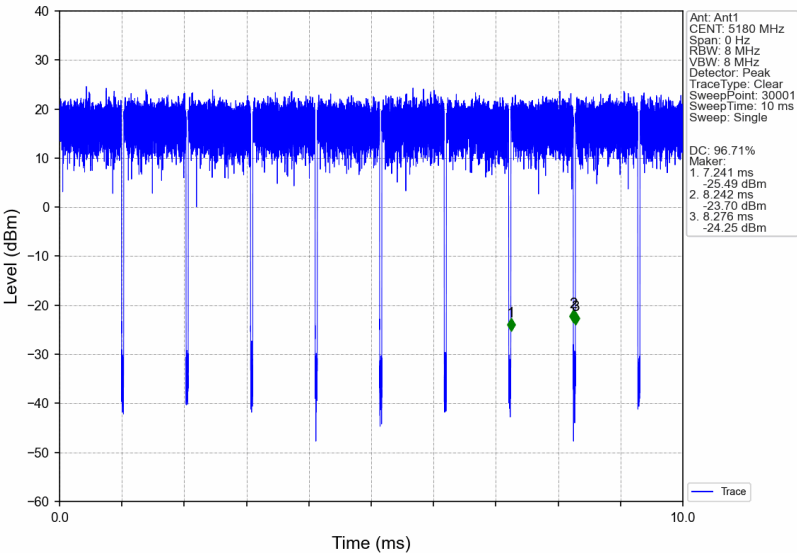
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



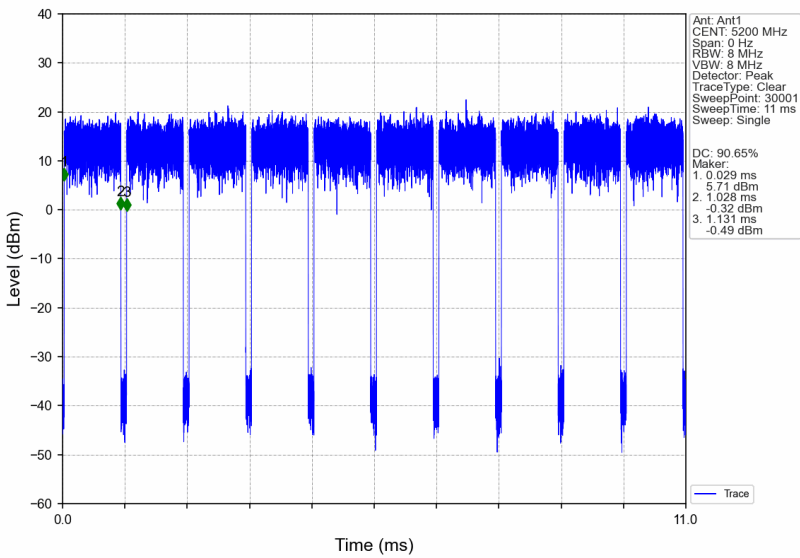
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



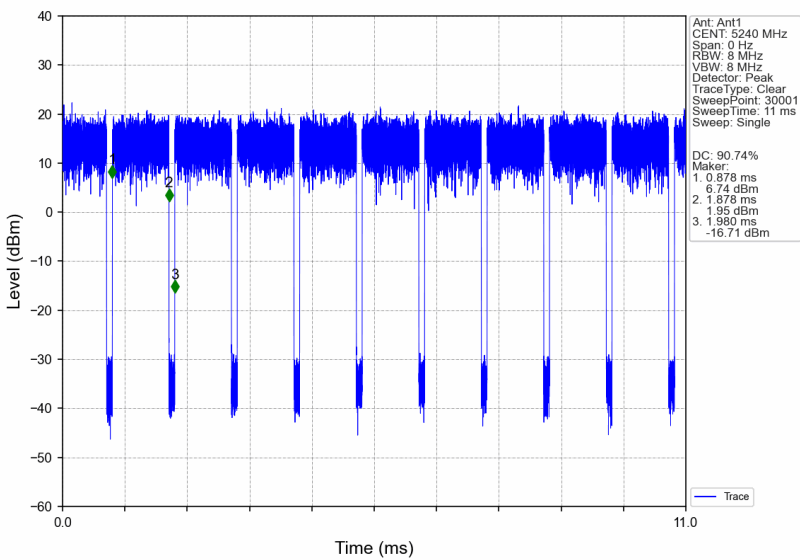
802.11ax(HE20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



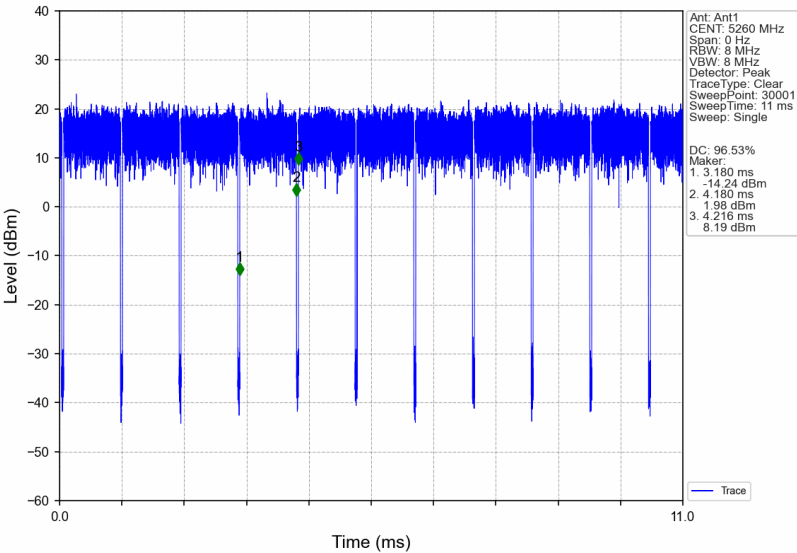
802.11ax(HE20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



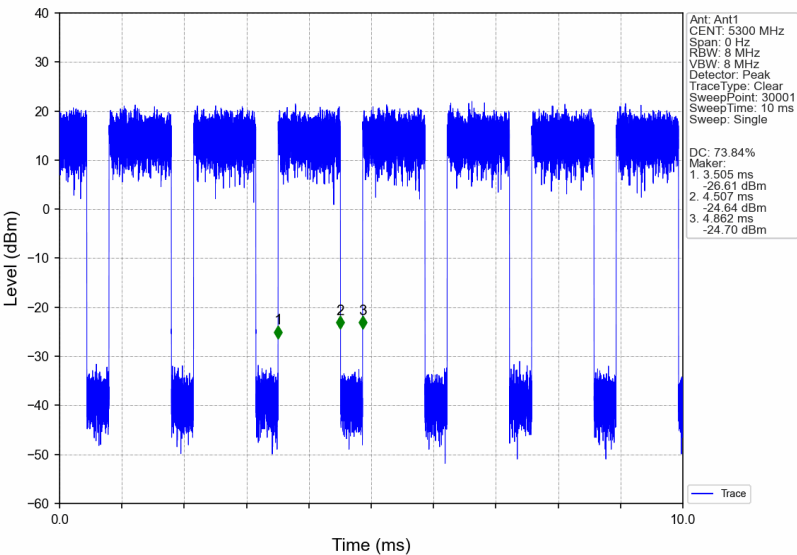
802.11ax(HE20)_HCH_5240MHz_RU242_Left_Ant1_NTNV



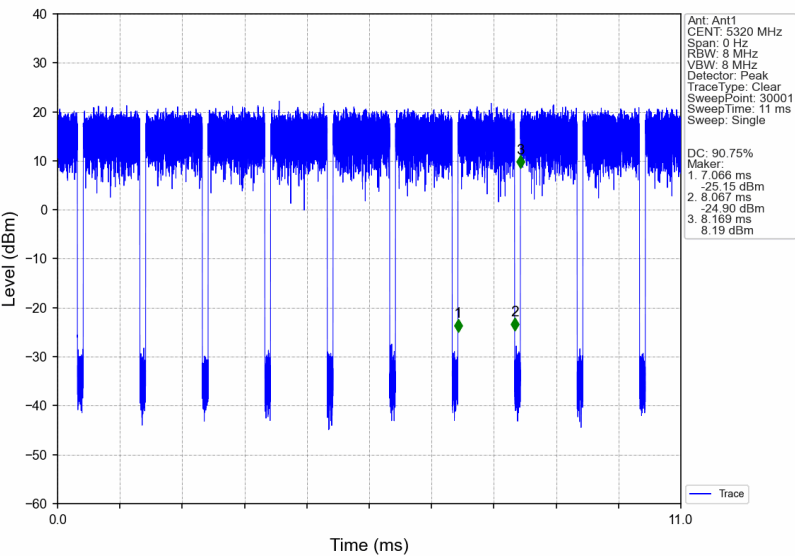
802.11ax(HE20)_LCH_5260MHz_RU242_Left_Ant1_NTNV



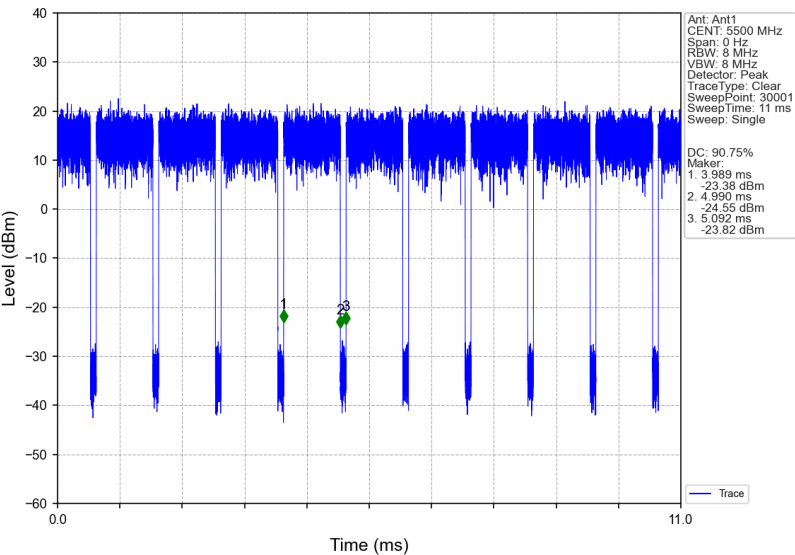
802.11ax(HE20)_MCH_5300MHz_RU242_Left_Ant1_NTNV



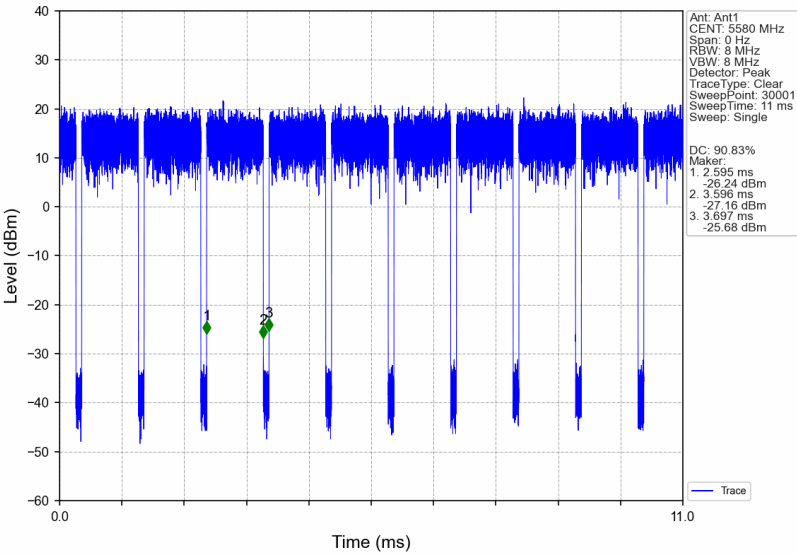
802.11ax(HE20)_HCH_5320MHz_RU242_Left_Ant1_NTNV



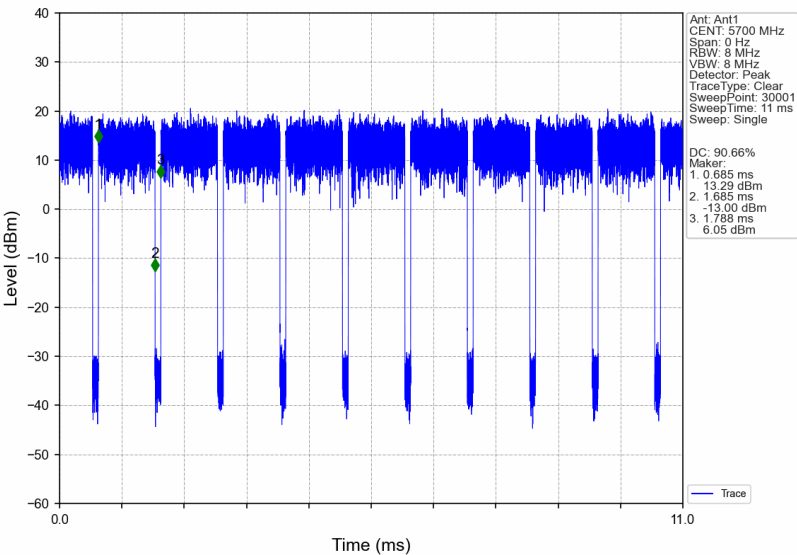
802.11ax(HE20)_LCH_5500MHz_RU242_Left_Ant1_NTNV



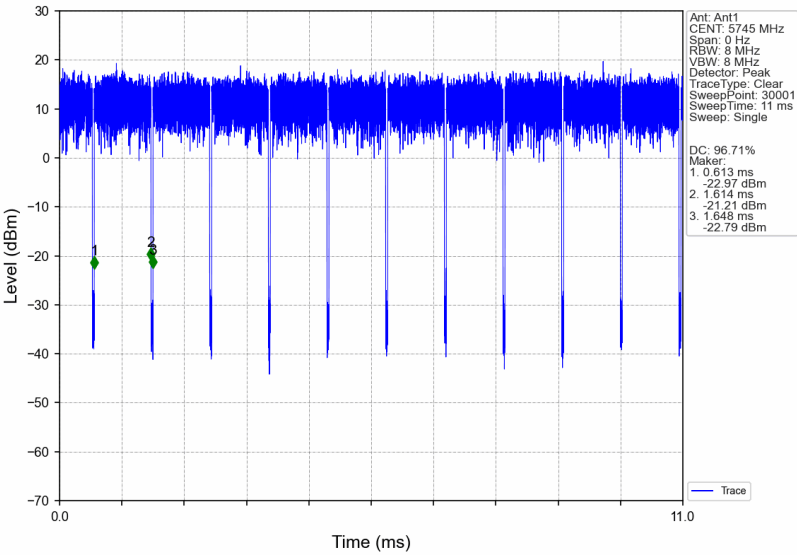
802.11ax(HE20)_MCH_5580MHz_RU242_Left_Ant1_NTNV



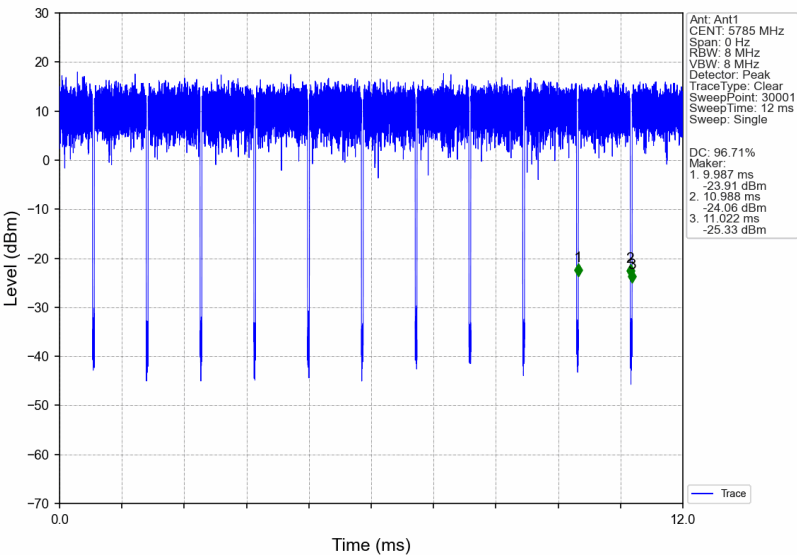
802.11ax(HE20)_HCH_5700MHz_RU242_Left_Ant1_NTNV



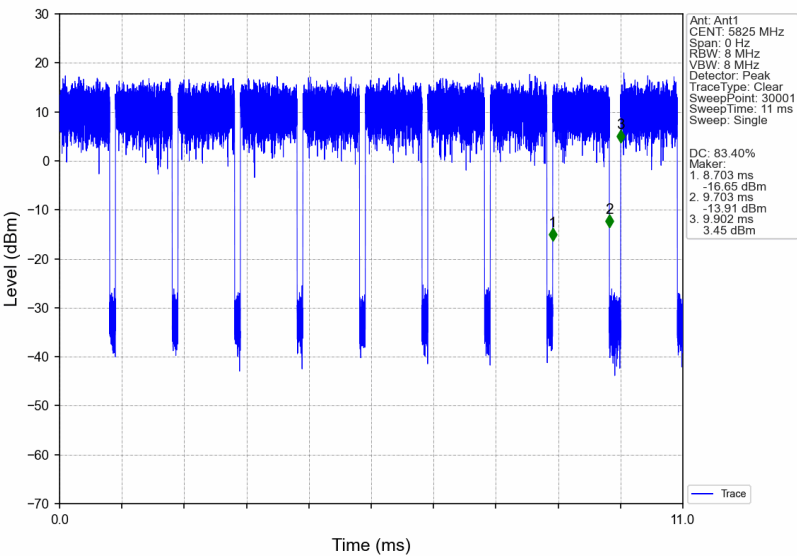
802.11ax(HE20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



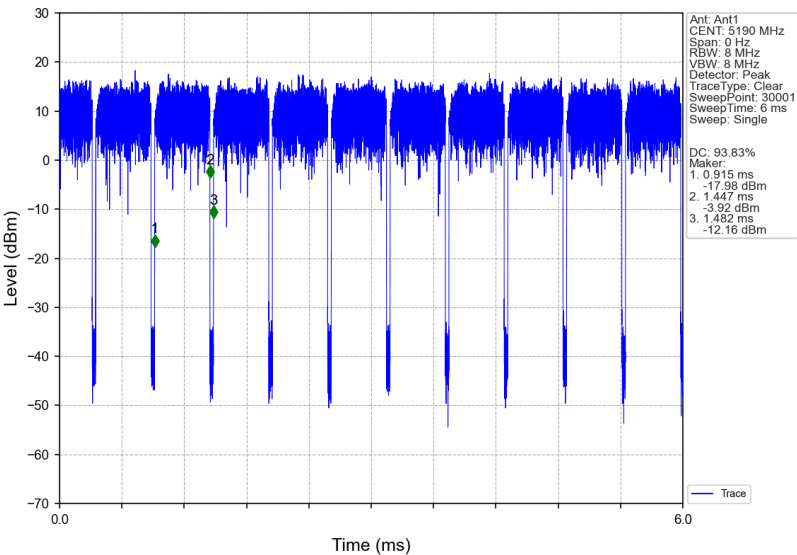
802.11ax(HE20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



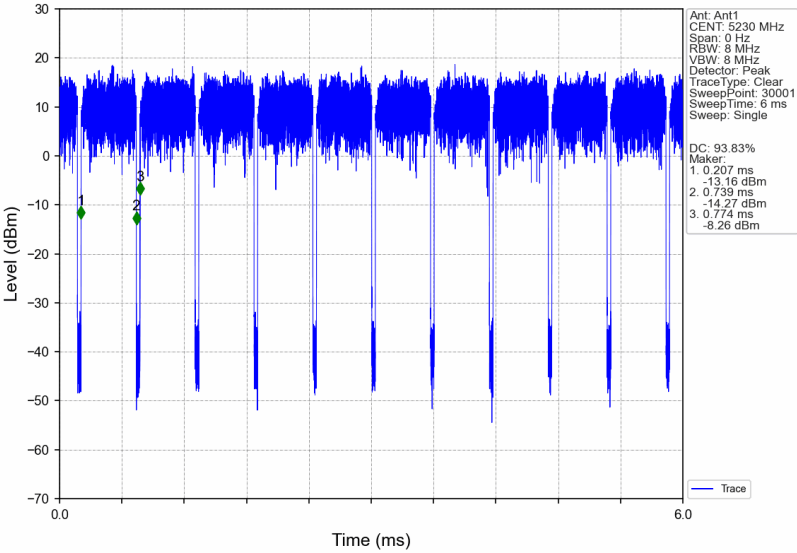
802.11ax(HE20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



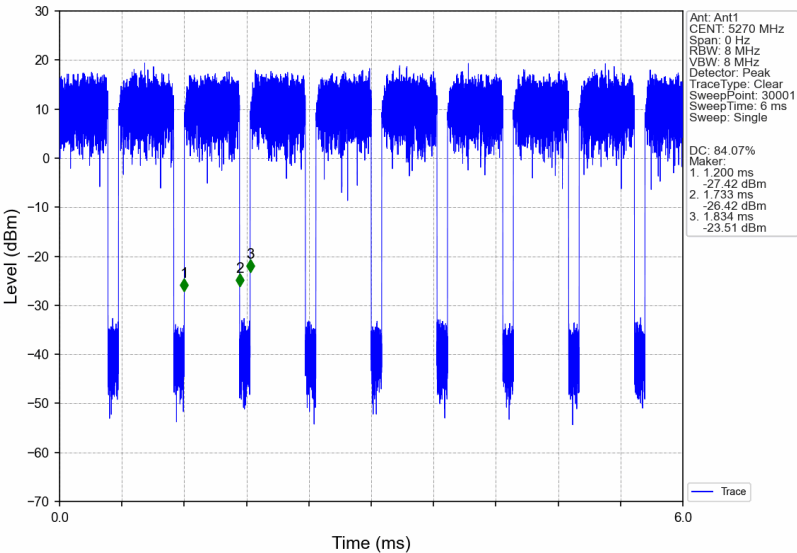
802.11ax(HE40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



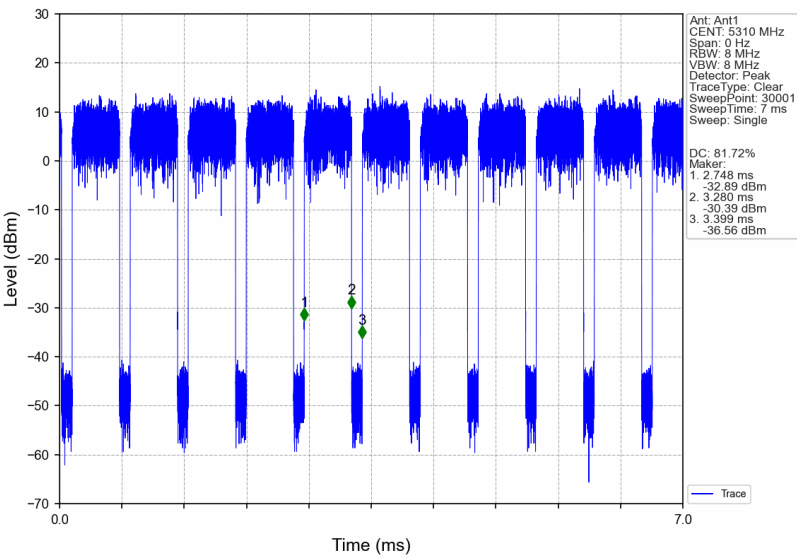
802.11ax(HE40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



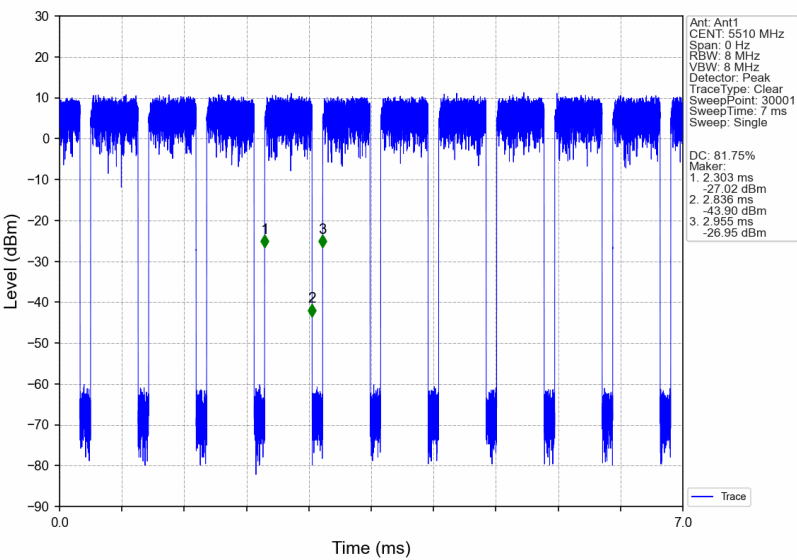
802.11ax(HE40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



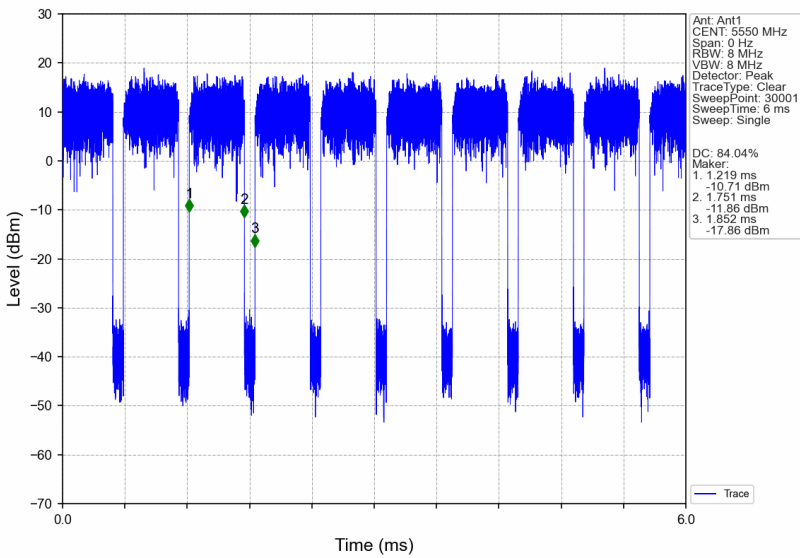
802.11ax(HE40)_HCH_5310MHz_RU484_Left_Ant1_NTNV



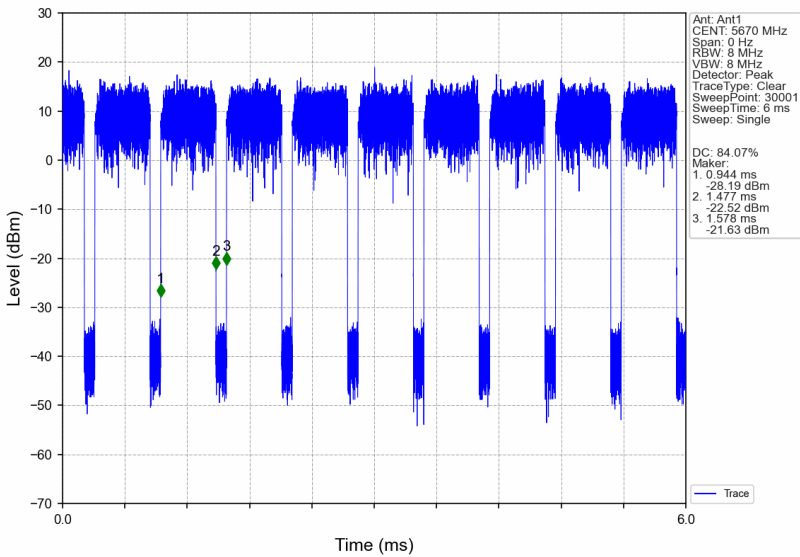
802.11ax(HE40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



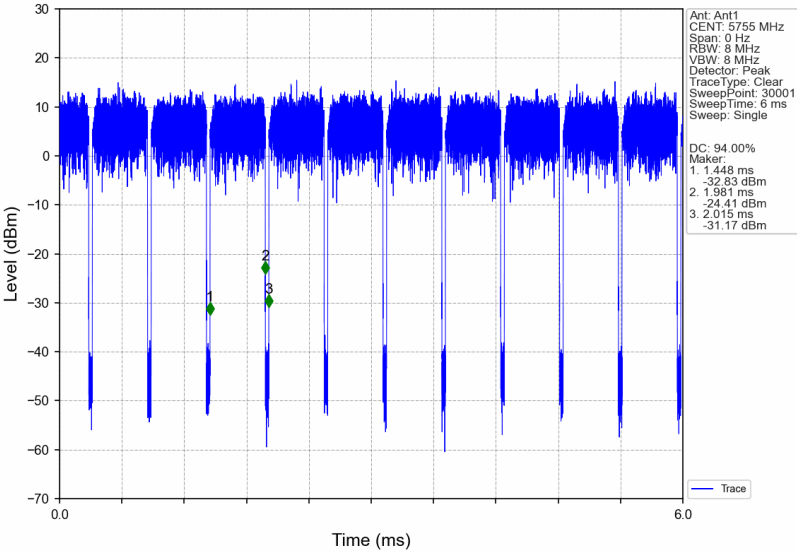
802.11ax(HE40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



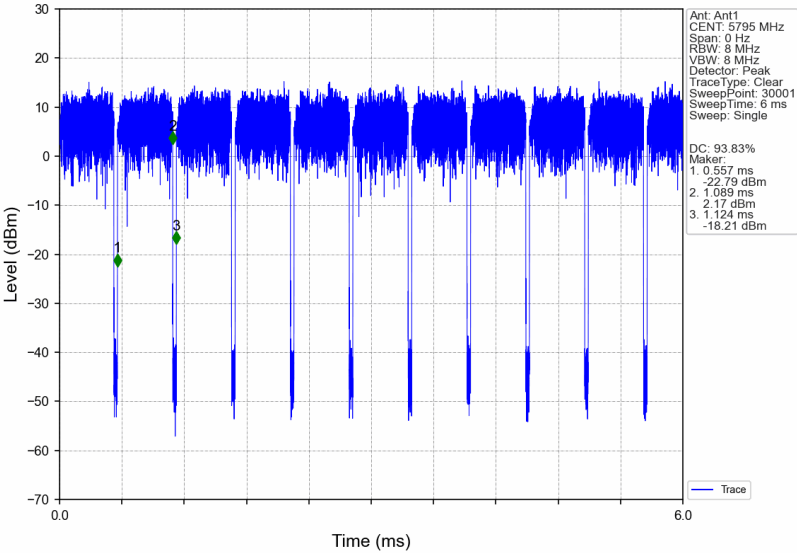
802.11ax(HE40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



802.11ax(HE40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HE40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240700141903

Page: 260 of 410

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	SISO	5180	/	/	1	18.698	/	Pass
		5200	/	/	1	18.854	/	Pass
		5240	/	/	1	18.804	/	Pass
		5260	/	/	1	18.800	/	Pass
		5300	/	/	1	18.897	/	Pass
		5320	/	/	1	18.804	/	Pass
		5500	/	/	1	18.959	/	Pass
		5580	/	/	1	18.971	/	Pass
		5700	/	/	1	18.887	/	Pass
		5745	/	/	1	18.853	/	Pass
		5785	/	/	1	18.950	/	Pass
		5825	/	/	1	18.715	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	19.719	/	Pass
		5200	/	/	1	19.677	/	Pass
		5240	/	/	1	19.736	/	Pass
		5260	/	/	1	19.603	/	Pass
		5300	/	/	1	19.835	/	Pass
		5320	/	/	1	19.825	/	Pass
		5500	/	/	1	20.068	/	Pass
		5580	/	/	1	20.052	/	Pass
		5700	/	/	1	19.868	/	Pass
		5745	/	/	1	19.733	/	Pass
		5785	/	/	1	19.824	/	Pass
		5825	/	/	1	19.709	/	Pass
802.11ac (VHT40)	SISO	5190	/	/	1	37.831	/	Pass
		5230	/	/	1	37.961	/	Pass
		5270	/	/	1	37.773	/	Pass
		5310	/	/	1	37.893	/	Pass
		5510	/	/	1	38.132	/	Pass
		5550	/	/	1	38.412	/	Pass
		5670	/	/	1	38.119	/	Pass
		5755	/	/	1	38.188	/	Pass
		5795	/	/	1	38.419	/	Pass
802.11ax (HE20)	SISO	5180	RU242	Left	1	20.022	/	Pass
		5200	RU242	Left	1	20.101	/	Pass

Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240700141903

Page: 261 of 410

		5240	RU242	Left	1	20.140	/	Pass
		5260	RU242	Left	1	20.118	/	Pass
		5300	RU242	Left	1	20.163	/	Pass
		5320	RU242	Left	1	20.122	/	Pass
		5500	RU242	Left	1	20.251	/	Pass
		5580	RU242	Left	1	20.291	/	Pass
		5700	RU242	Left	1	20.370	/	Pass
		5745	RU242	Left	1	20.361	/	Pass
		5785	RU242	Left	1	20.379	/	Pass
		5825	RU242	Left	1	20.271	/	Pass
802.11ax (HE40)	SISO	5190	RU484	Left	1	38.820	/	Pass
		5230	RU484	Left	1	38.833	/	Pass
		5270	RU484	Left	1	38.844	/	Pass
		5310	RU484	Left	1	38.842	/	Pass
		5510	RU484	Left	1	39.000	/	Pass
		5550	RU484	Left	1	39.246	/	Pass
		5670	RU484	Left	1	38.935	/	Pass
		5755	RU484	Left	1	39.032	/	Pass
		5795	RU484	Left	1	39.336	/	Pass

2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	6dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5745	/	/	1	16.429	>=0.5	Pass
		5785	/	/	1	16.432	>=0.5	Pass
		5825	/	/	1	16.425	>=0.5	Pass
802.11ac (VHT20)	SISO	5745	/	/	1	17.650	>=0.5	Pass
		5785	/	/	1	17.655	>=0.5	Pass
		5825	/	/	1	17.657	>=0.5	Pass
802.11ac (VHT40)	SISO	5755	/	/	1	36.392	>=0.5	Pass
		5795	/	/	1	36.420	>=0.5	Pass
802.11ax (HE20)	SISO	5745	RU242	Left	1	19.067	>=0.5	Pass
		5785	RU242	Left	1	19.016	>=0.5	Pass
		5825	RU242	Left	1	19.080	>=0.5	Pass
802.11ax (HE40)	SISO	5755	RU484	Left	1	38.107	>=0.5	Pass
		5795	RU484	Left	1	38.137	>=0.5	Pass

2.1.3 26dB BW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	1	24.657	/	Pass
		5200	/	/	1	24.387	/	Pass
		5240	/	/	1	24.520	/	Pass

Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

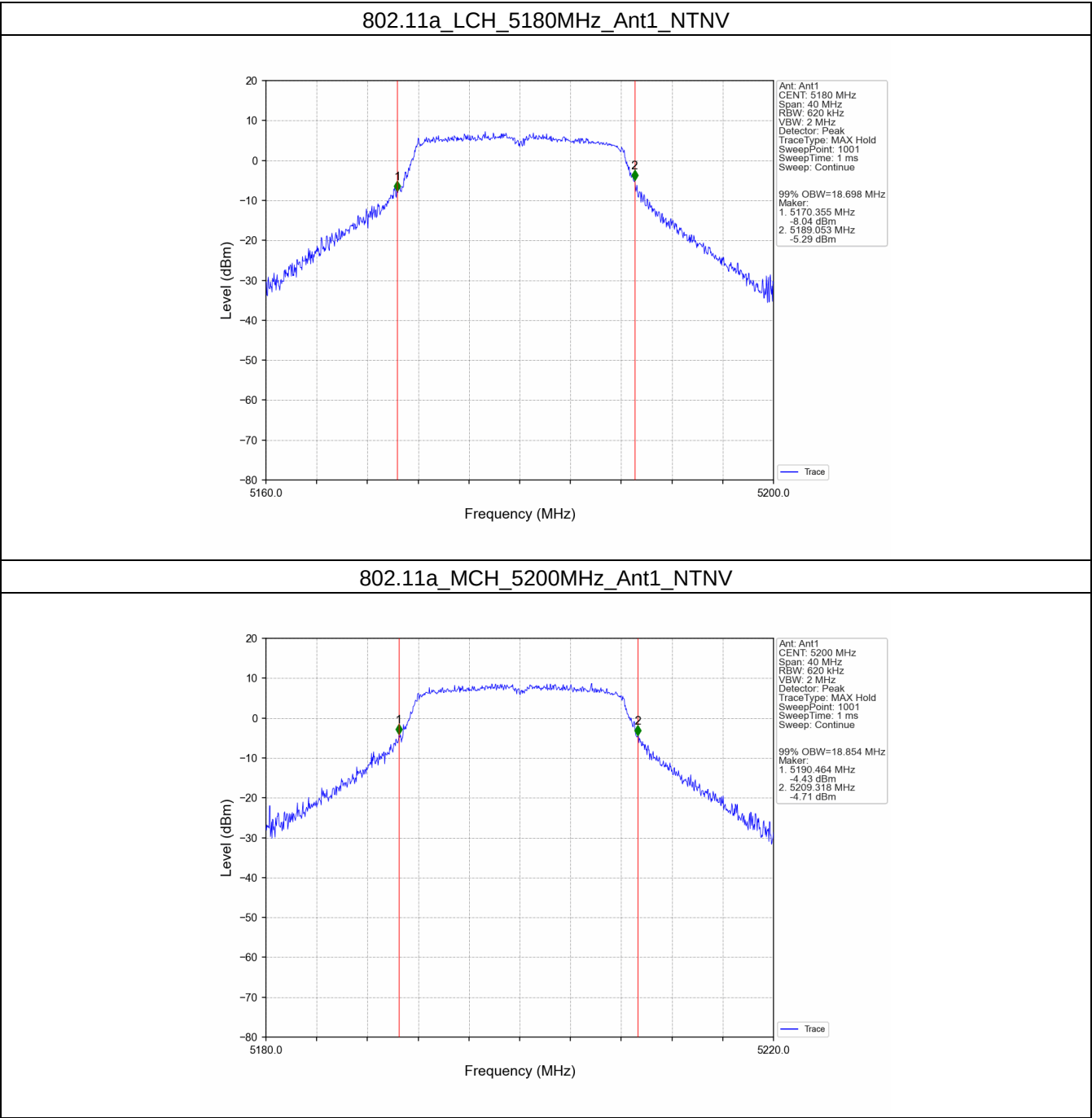
Report No.: KSCR240700141903

Page: 262 of 410

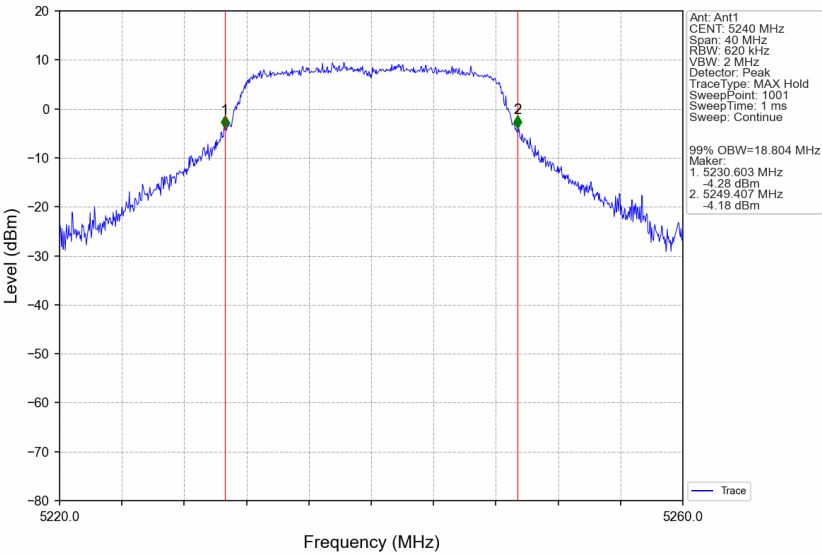
		5260	/	/	1	24.483	/	Pass
		5300	/	/	1	24.406	/	Pass
		5320	/	/	1	24.437	/	Pass
		5500	/	/	1	24.805	/	Pass
		5580	/	/	1	25.158	/	Pass
		5700	/	/	1	24.362	/	Pass
802.11ac (VHT20)	SISO	5180	/	/	1	25.183	/	Pass
		5200	/	/	1	25.338	/	Pass
		5240	/	/	1	25.235	/	Pass
		5260	/	/	1	25.475	/	Pass
		5300	/	/	1	27.750	/	Pass
		5320	/	/	1	27.768	/	Pass
		5500	/	/	1	27.199	/	Pass
		5580	/	/	1	26.303	/	Pass
802.11ac (VHT40)	SISO	5700	/	/	1	26.355	/	Pass
		5190	/	/	1	46.303	/	Pass
		5230	/	/	1	46.413	/	Pass
		5270	/	/	1	45.540	/	Pass
		5310	/	/	1	46.472	/	Pass
		5510	/	/	1	45.560	/	Pass
		5550	/	/	1	47.586	/	Pass
		5670	/	/	1	46.626	/	Pass
802.11ax (HE20)	SISO	5180	RU242	Left	1	24.942	/	Pass
		5200	RU242	Left	1	25.209	/	Pass
		5240	RU242	Left	1	24.700	/	Pass
		5260	RU242	Left	1	24.303	/	Pass
		5300	RU242	Left	1	25.082	/	Pass
		5320	RU242	Left	1	25.519	/	Pass
		5500	RU242	Left	1	25.749	/	Pass
		5580	RU242	Left	1	25.199	/	Pass
802.11ax (HE40)	SISO	5700	RU242	Left	1	25.500	/	Pass
		5190	RU484	Left	1	44.597	/	Pass
		5230	RU484	Left	1	46.344	/	Pass
		5270	RU484	Left	1	44.502	/	Pass
		5310	RU484	Left	1	44.738	/	Pass
		5510	RU484	Left	1	45.849	/	Pass
		5550	RU484	Left	1	46.016	/	Pass
		5670	RU484	Left	1	44.285	/	Pass

2.2 Test Graph

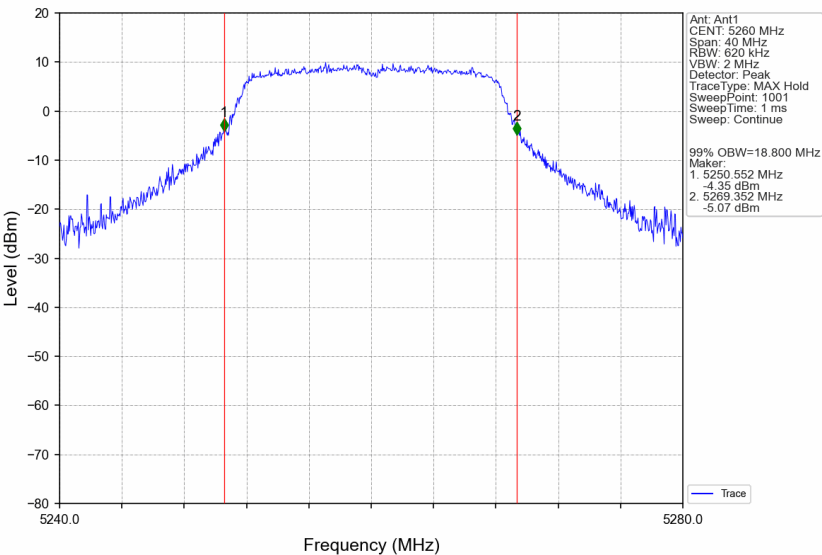
2.2.1 OBW



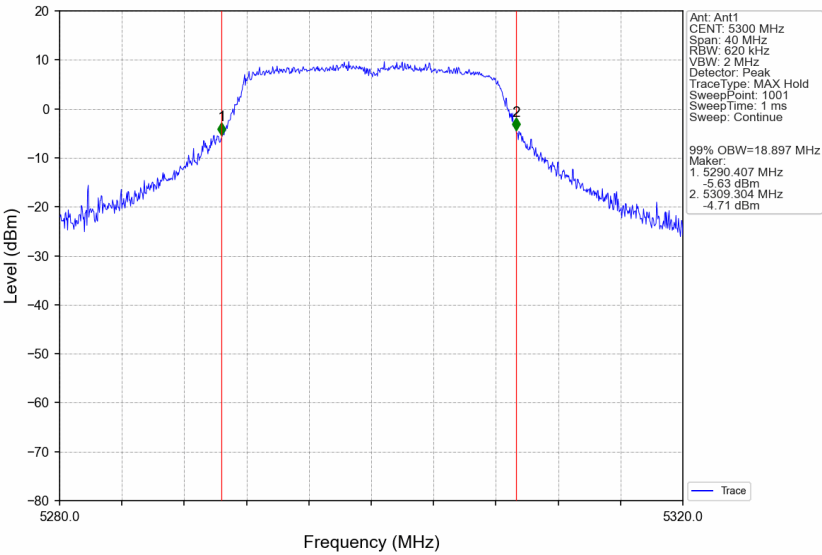
802.11a_HCH_5240MHz_Ant1_NTNV



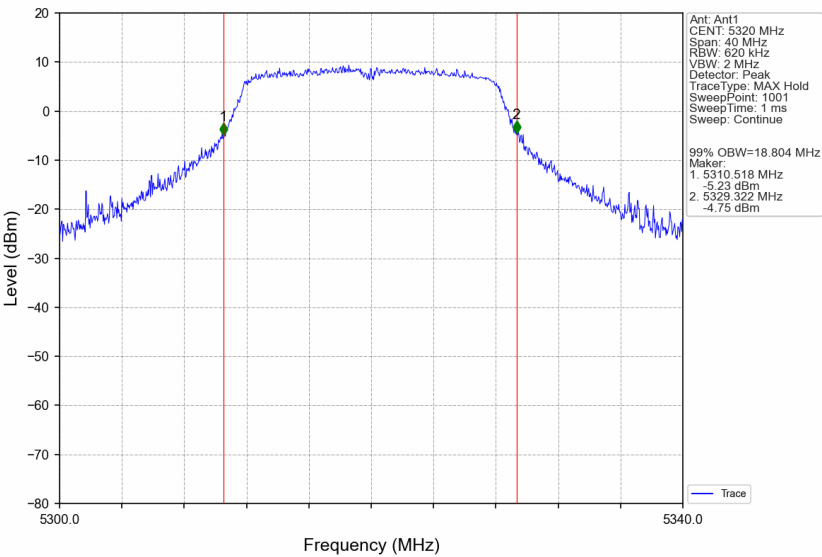
802.11a_LCH_5260MHz_Ant1_NTNV



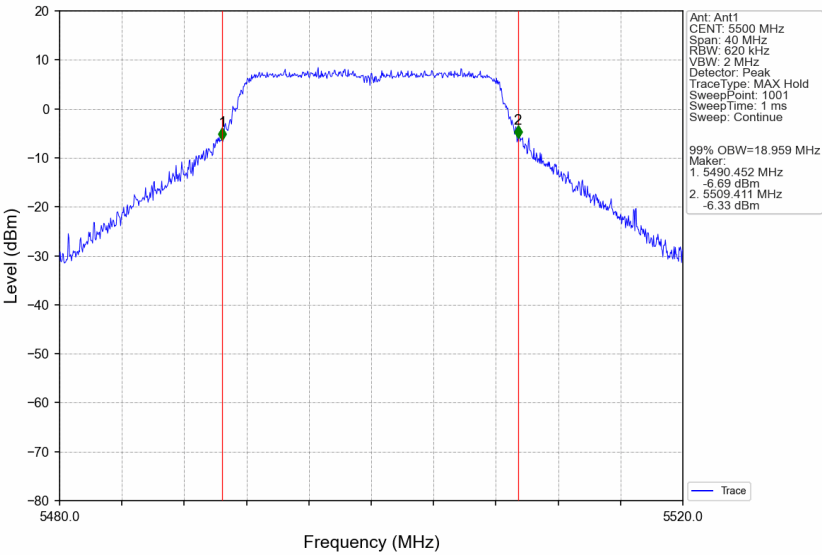
802.11a_MCH_5300MHz_Ant1_NTNV



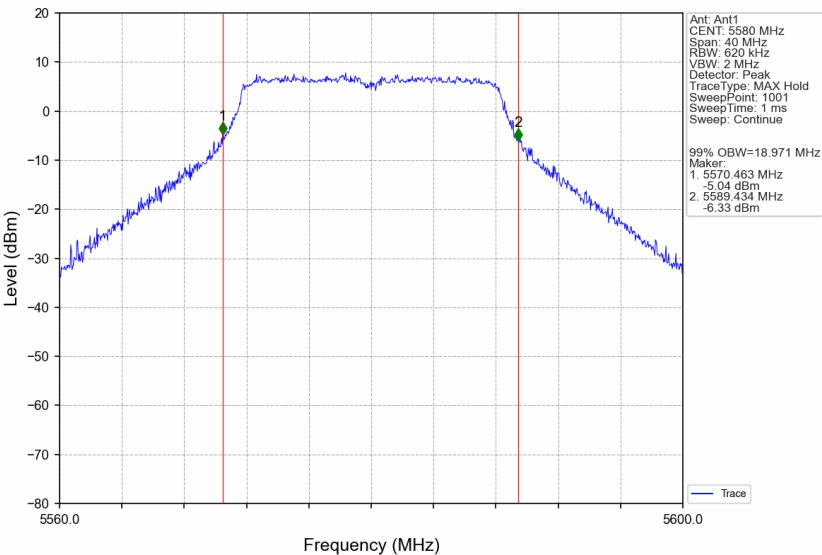
802.11a_HCH_5320MHz_Ant1_NTNV



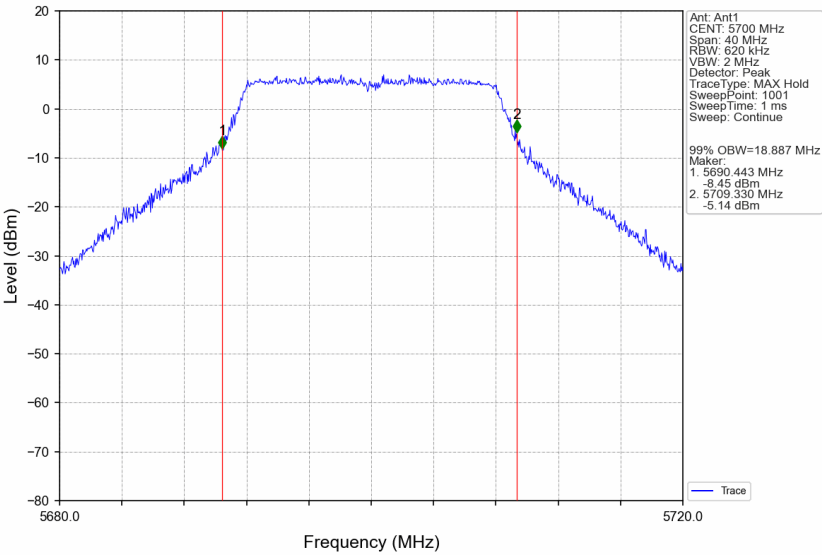
802.11a_LCH_5500MHz_Ant1_NTNV



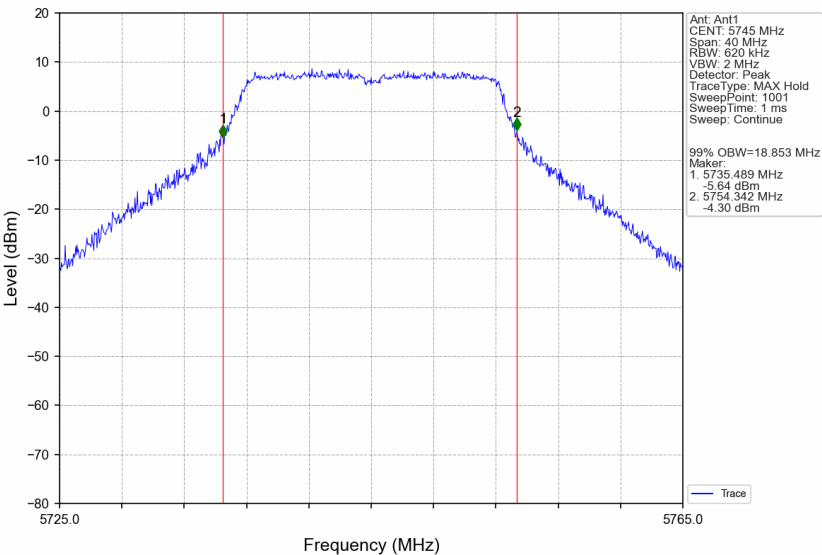
802.11a_MCH_5580MHz_Ant1_NTNV



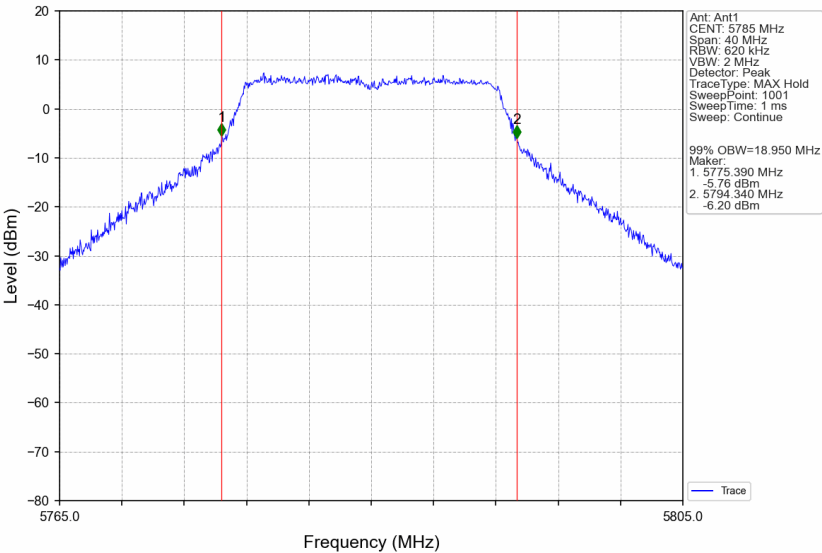
802.11a_HCH_5700MHz_Ant1_NTNV



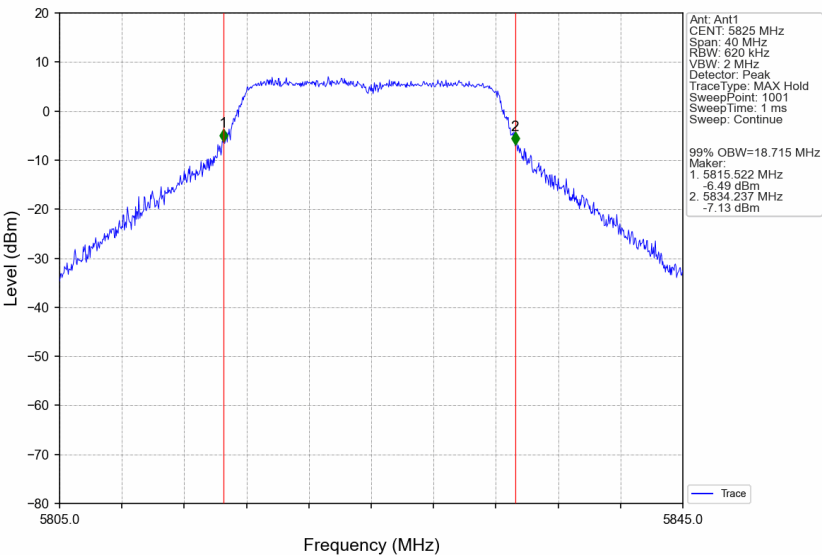
802.11a_LCH_5745MHz_Ant1_NTNV



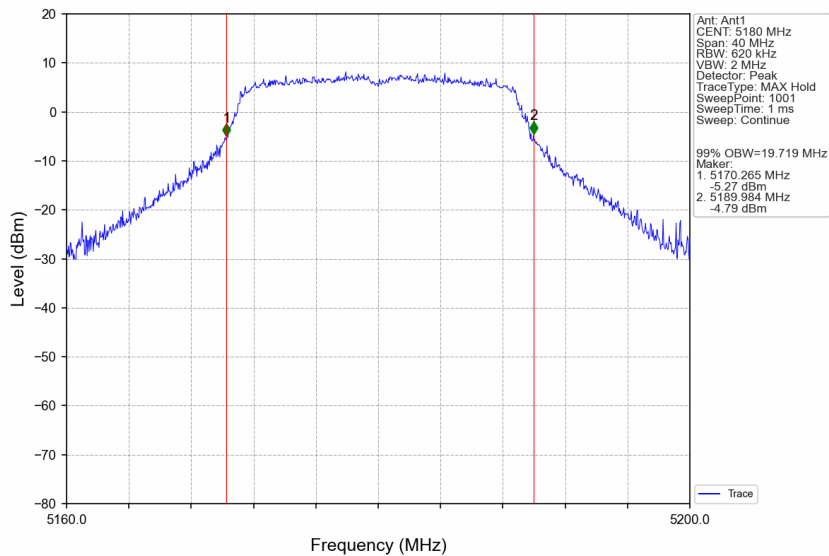
802.11a_MCH_5785MHz_Ant1_NTNV



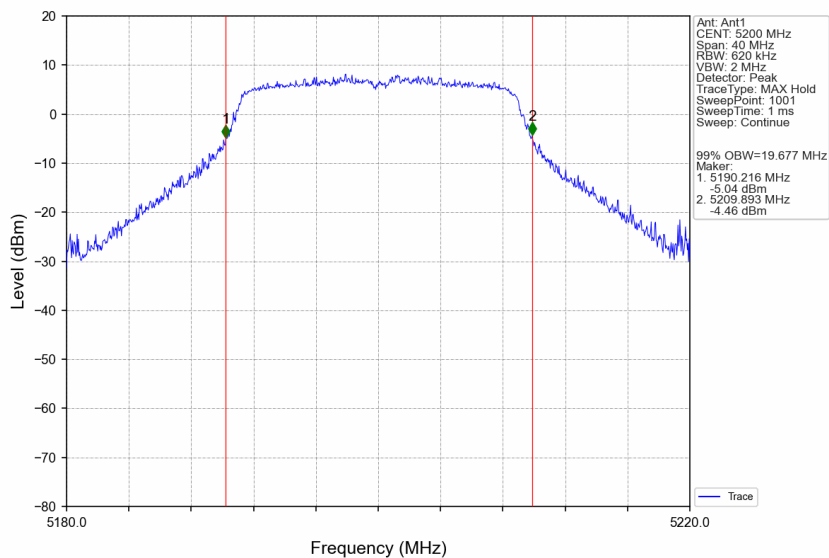
802.11a_HCH_5825MHz_Ant1_NTNV



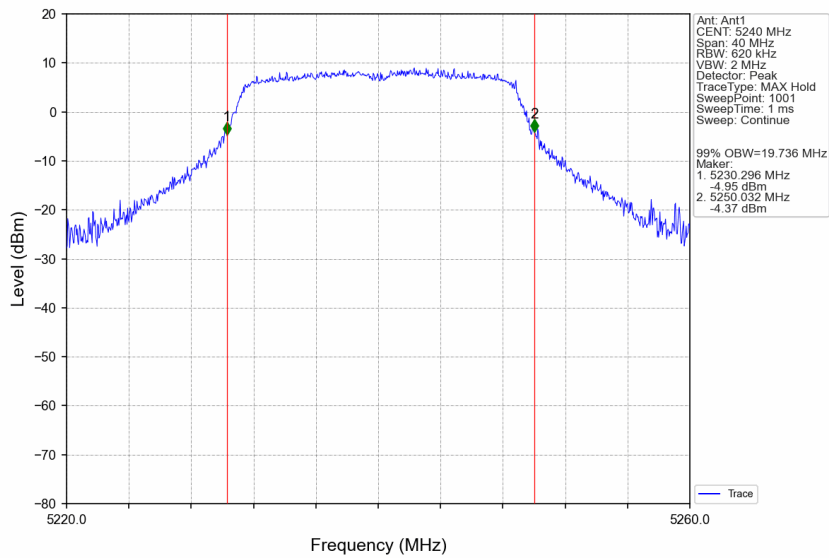
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



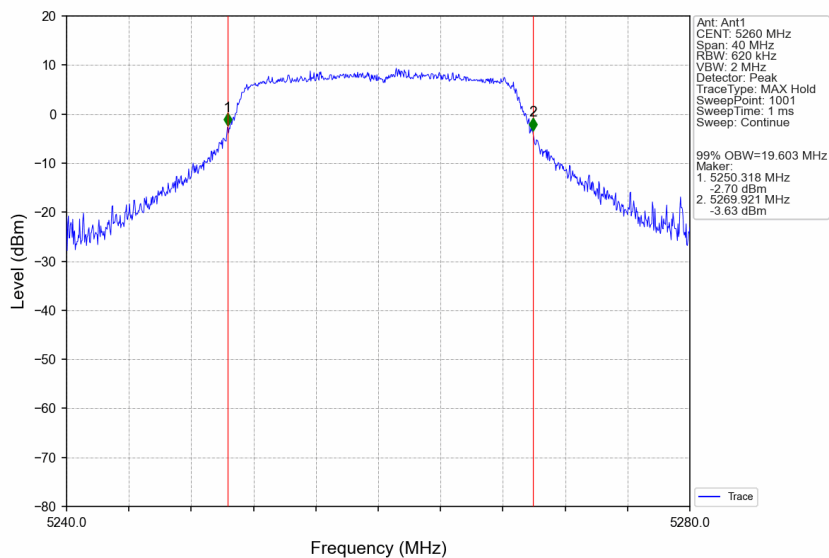
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



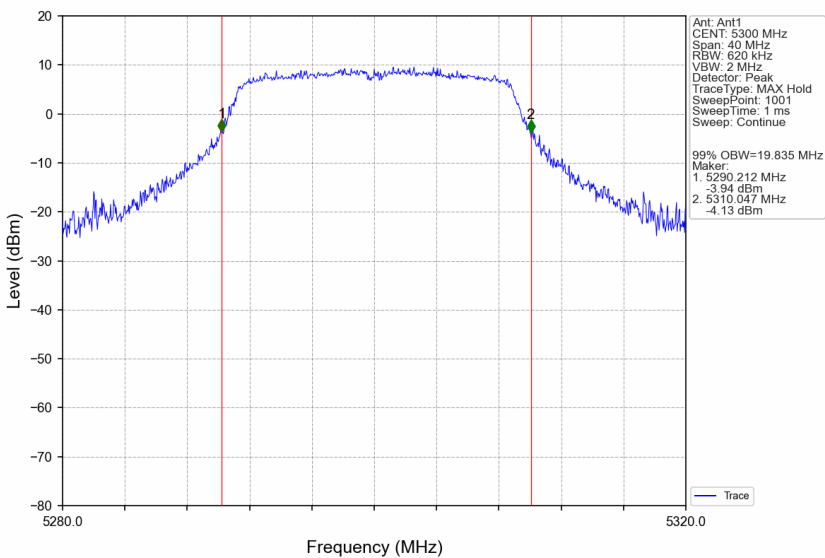
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

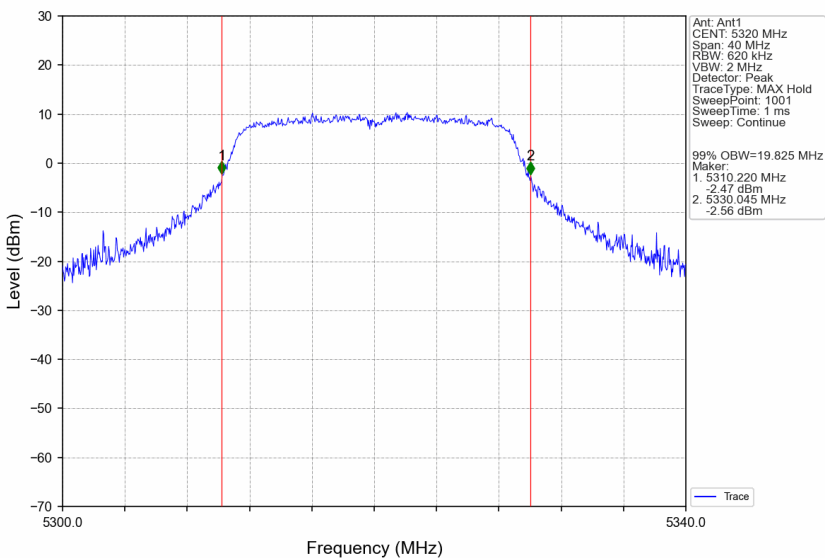
Report No.: KSCR240700141903

Page: 271 of 410

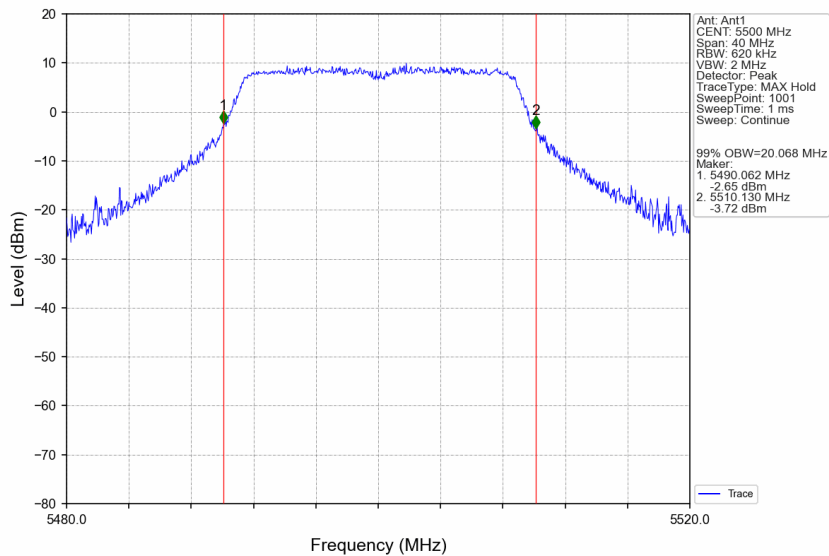
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



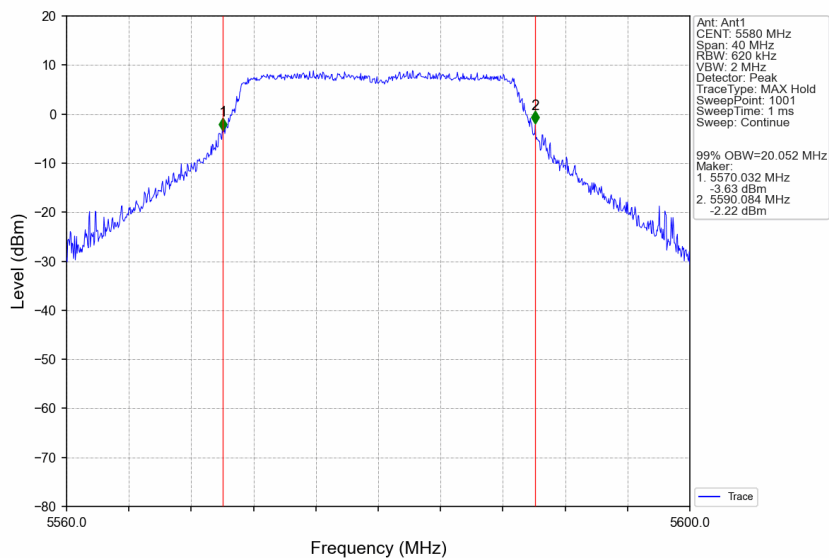
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



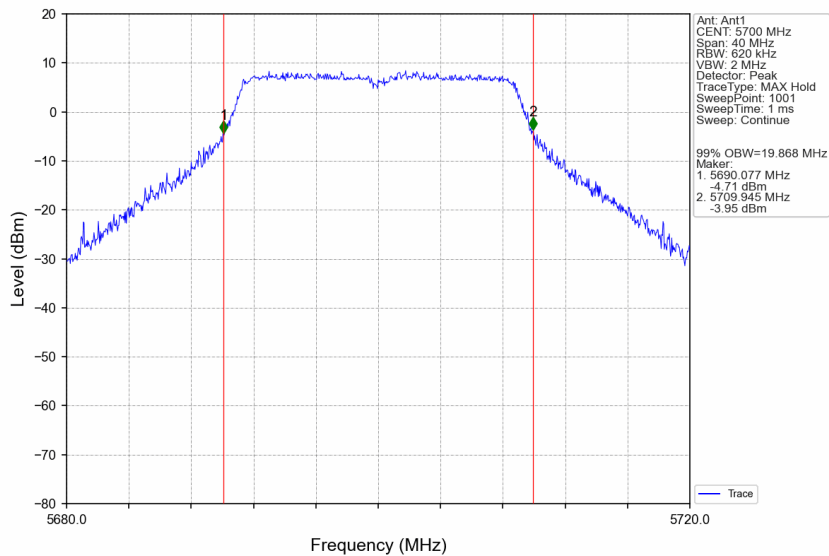
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



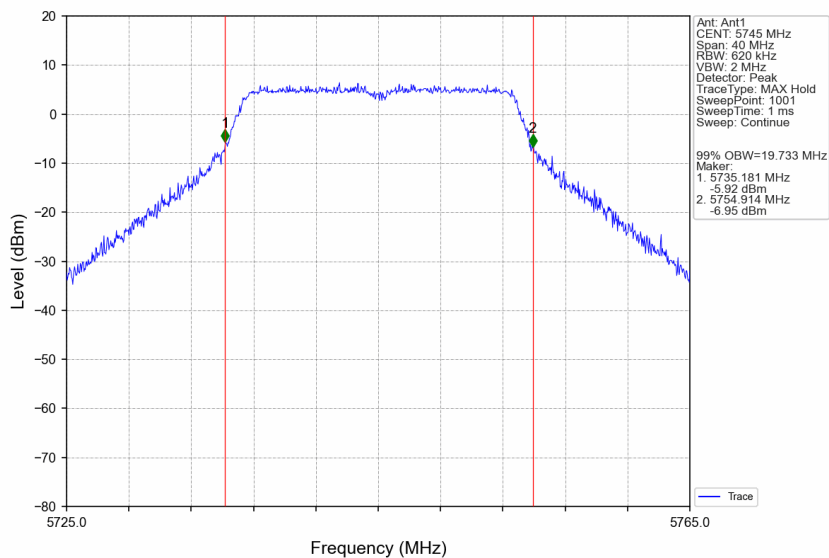
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



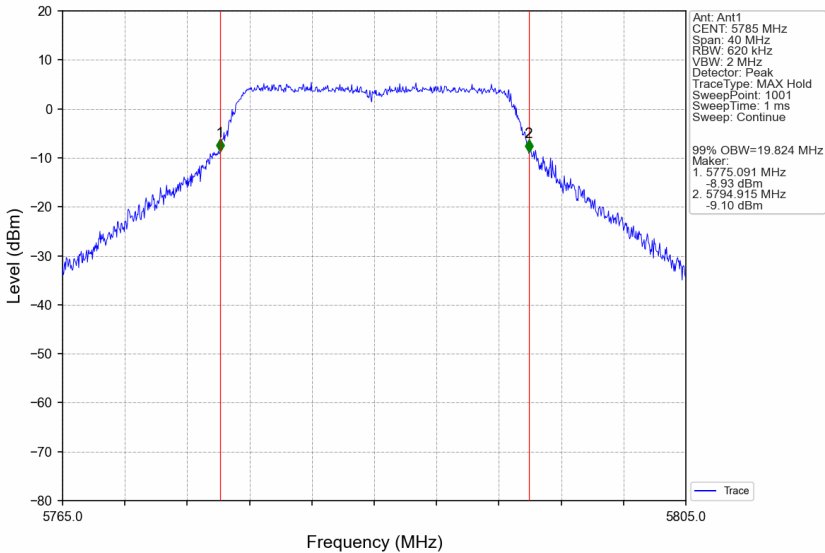
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



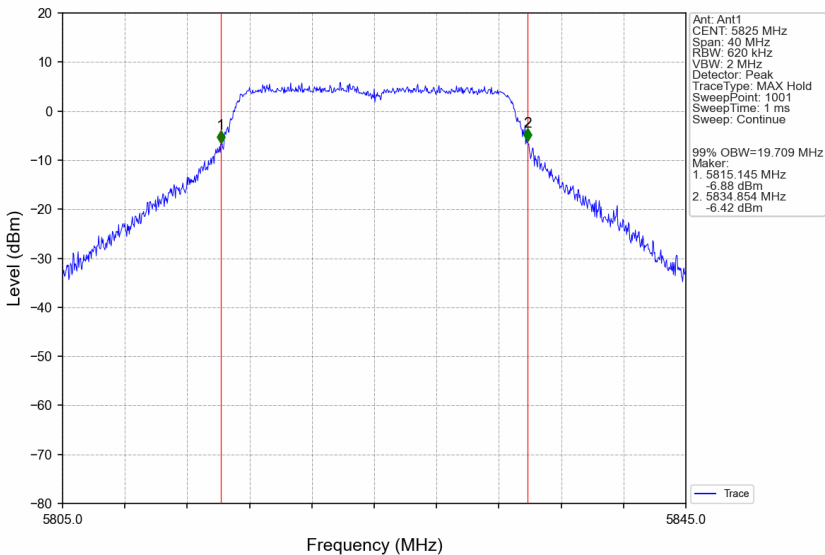
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



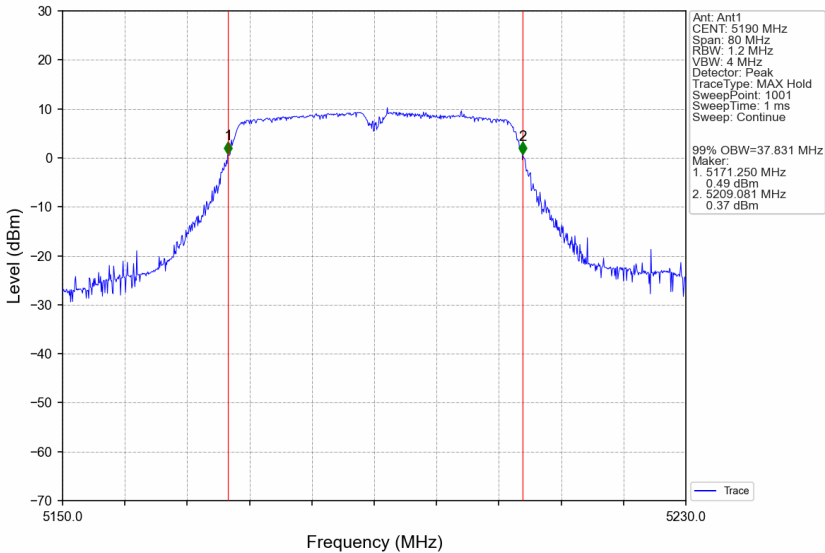
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



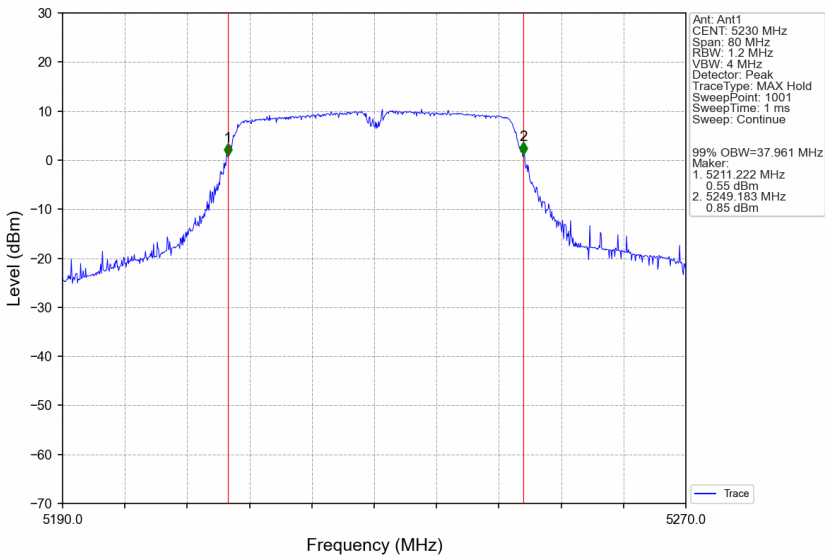
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



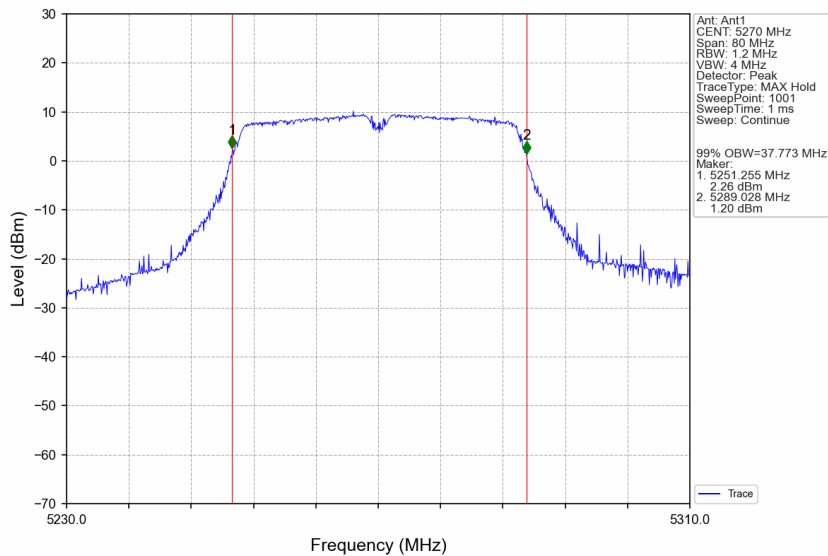
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



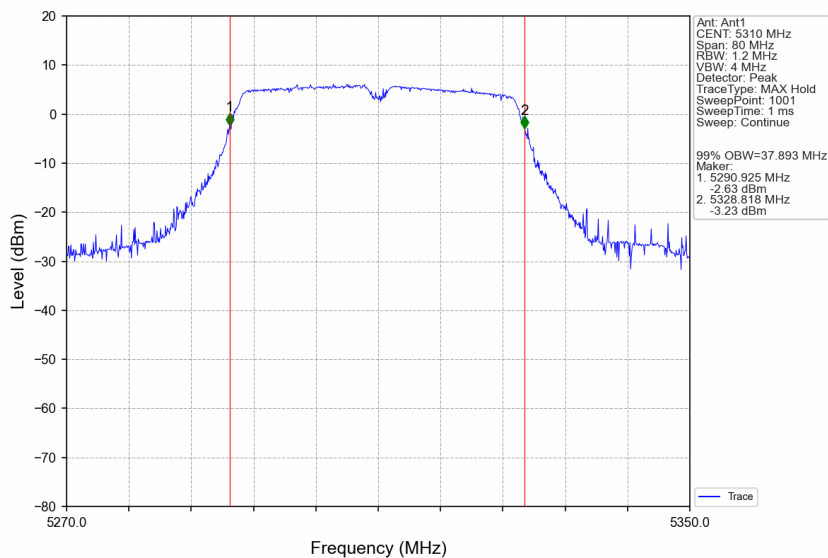
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



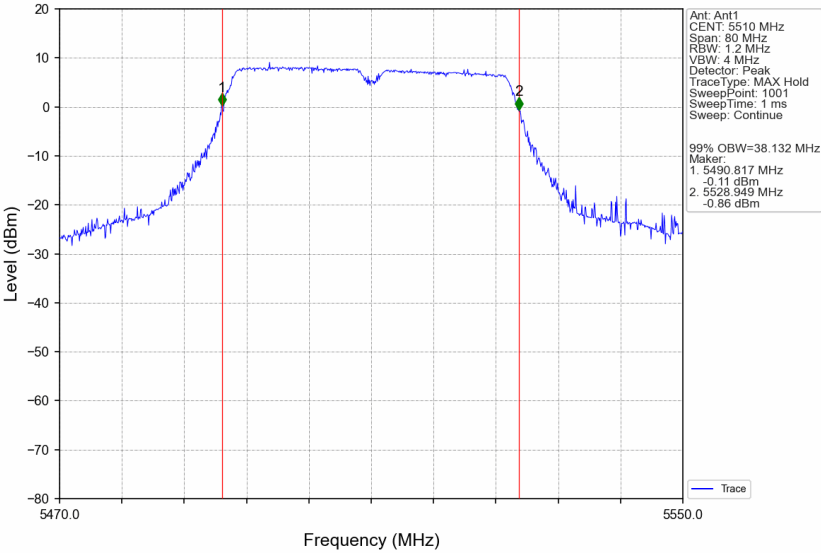
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

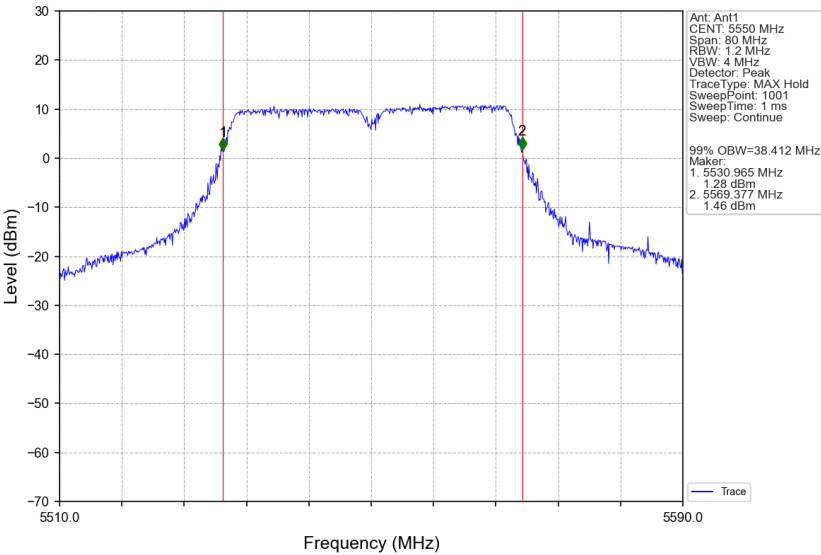
Report No.: KSCR240700141903

Page: 277 of 410

802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



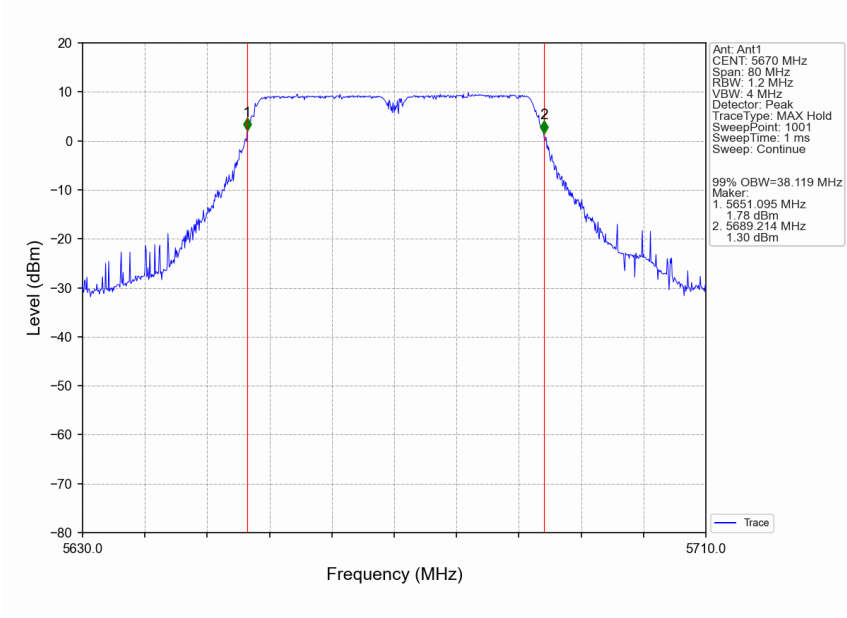
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

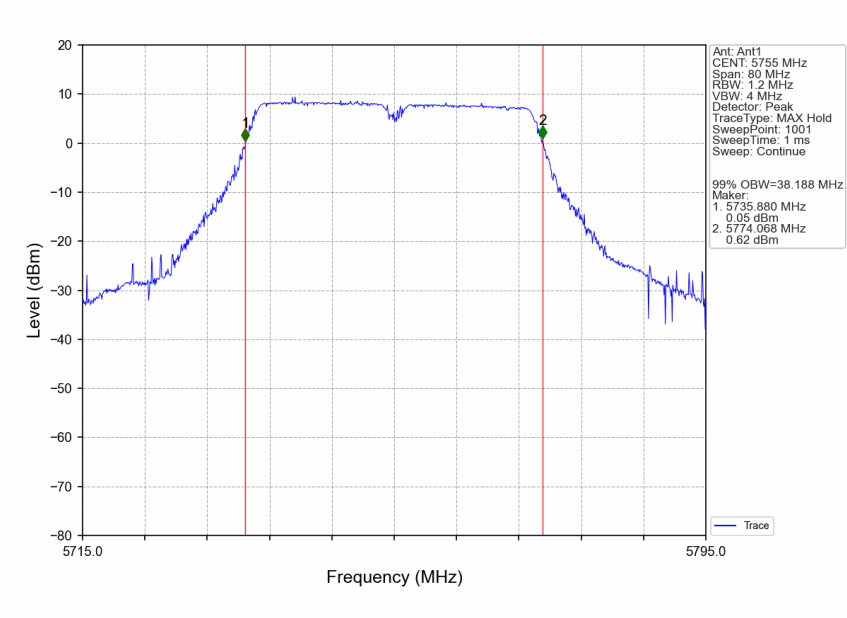
Report No.: KSCR240700141903

Page: 278 of 410

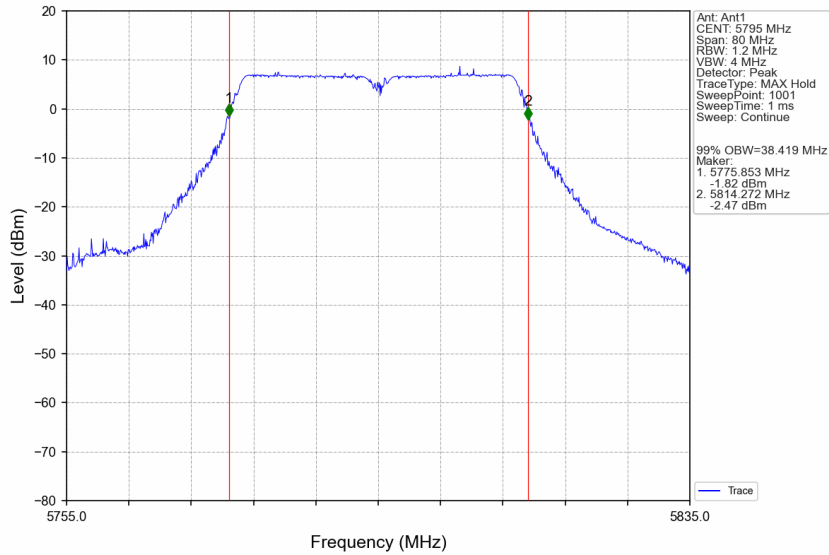
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



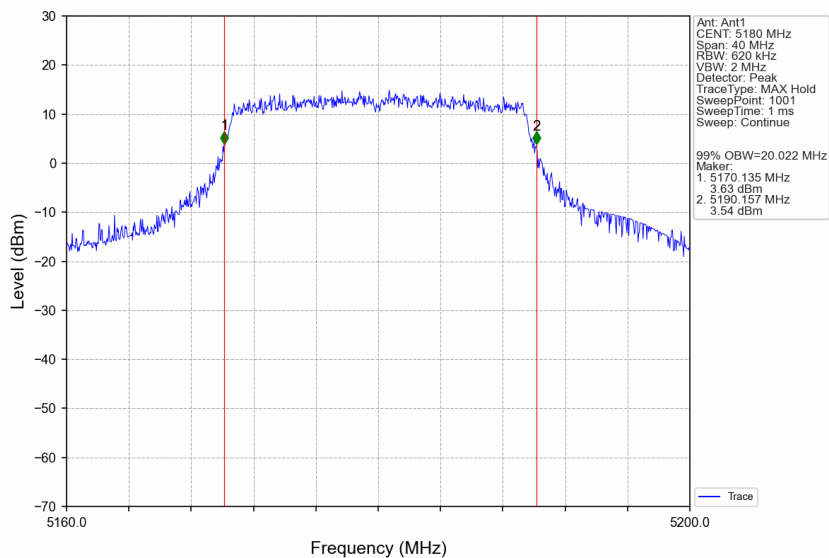
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



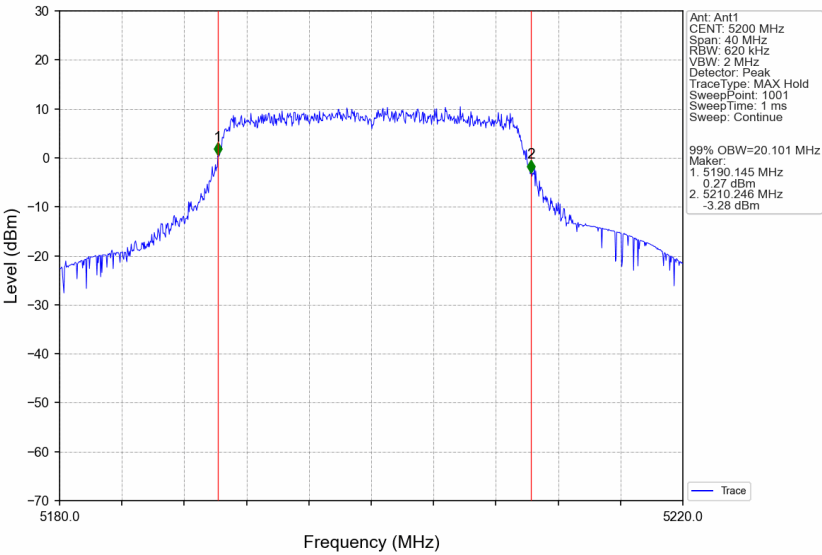
802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



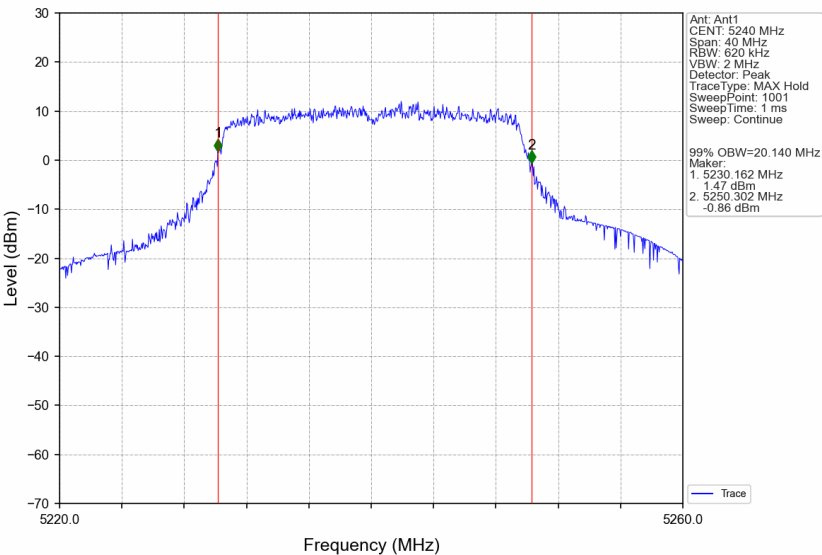
802.11ax(HE20)_LCH_5180MHz_RU242_Left_Ant1_NTNV



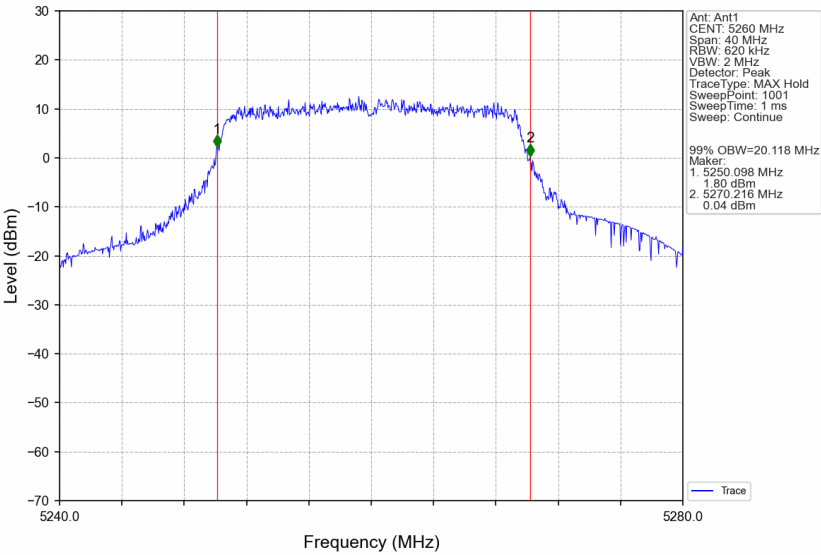
802.11ax(HE20)_MCH_5200MHz_RU242_Left_Ant1_NTNV



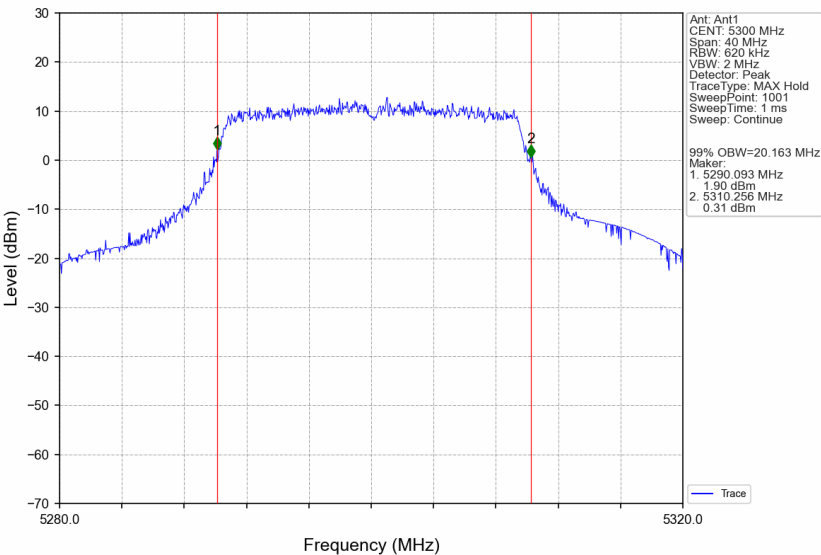
802.11ax(HE20)_HCH_5240MHz_RU242_Left_Ant1_NTNV

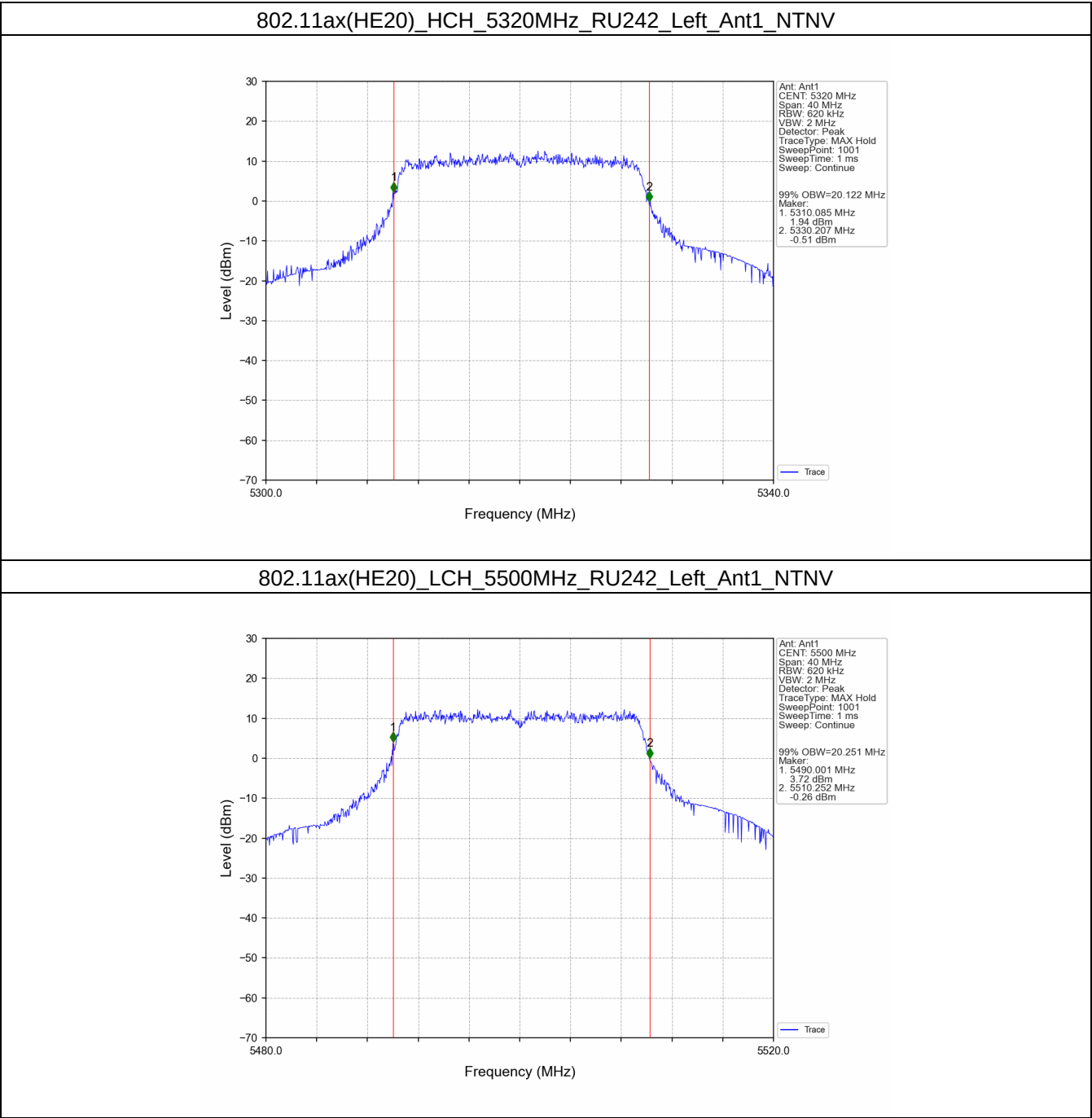


802.11ax(HE20)_LCH_5260MHz_RU242_Left_Ant1_NTNV

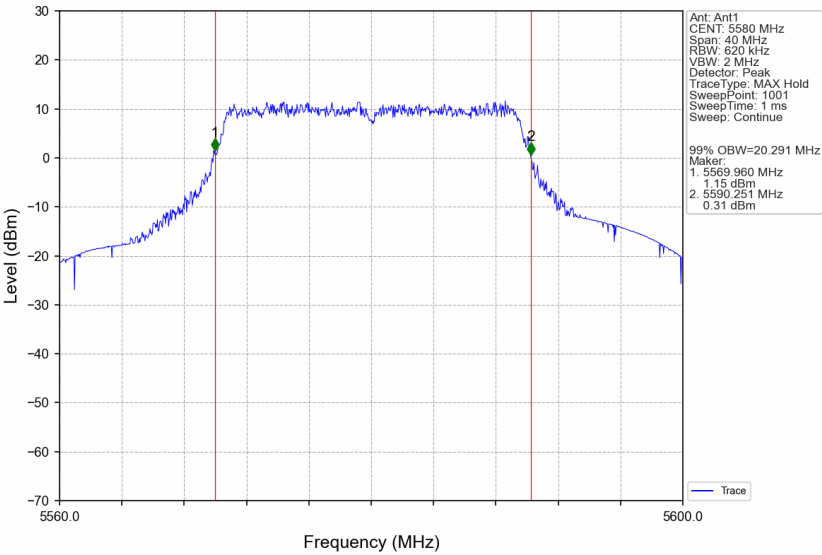


802.11ax(HE20)_MCH_5300MHz_RU242_Left_Ant1_NTNV

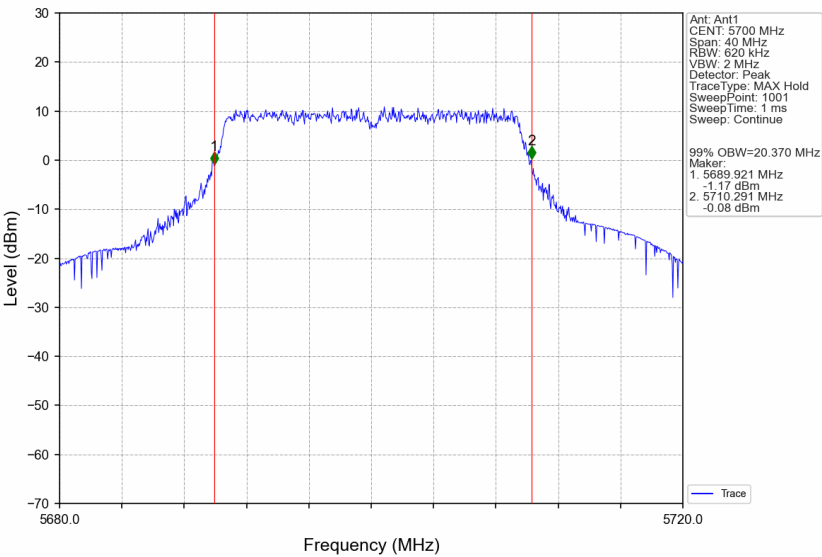




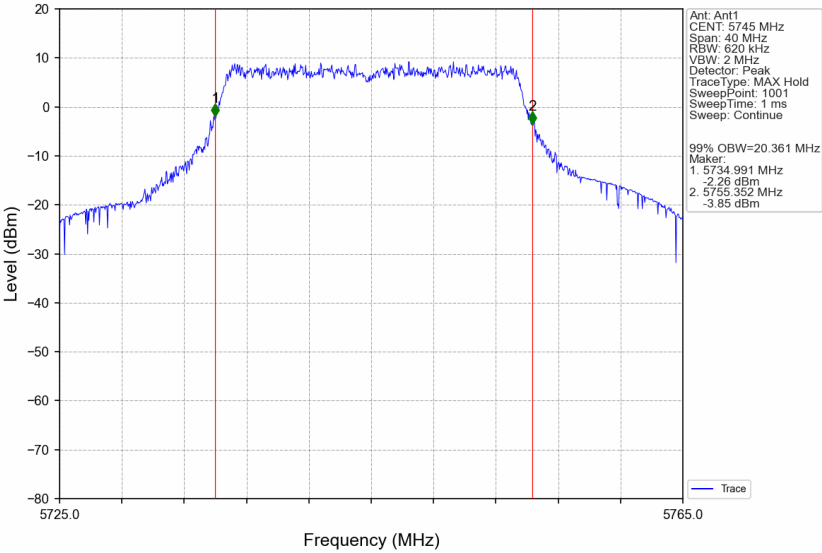
802.11ax(HE20)_MCH_5580MHz_RU242_Left_Ant1_NTNV



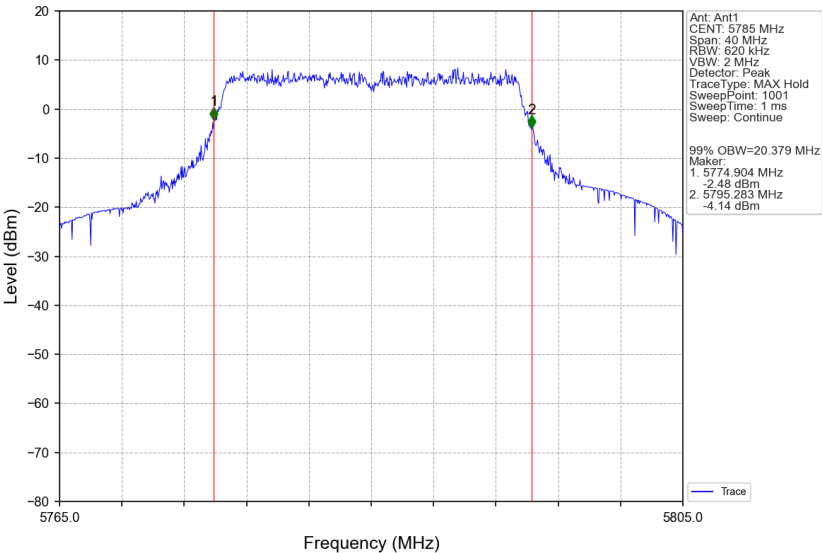
802.11ax(HE20)_HCH_5700MHz_RU242_Left_Ant1_NTNV



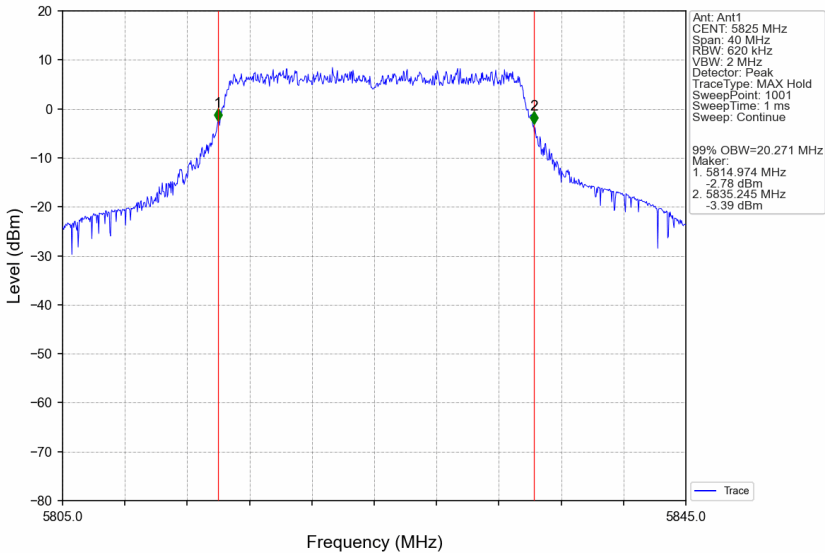
802.11ax(HE20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



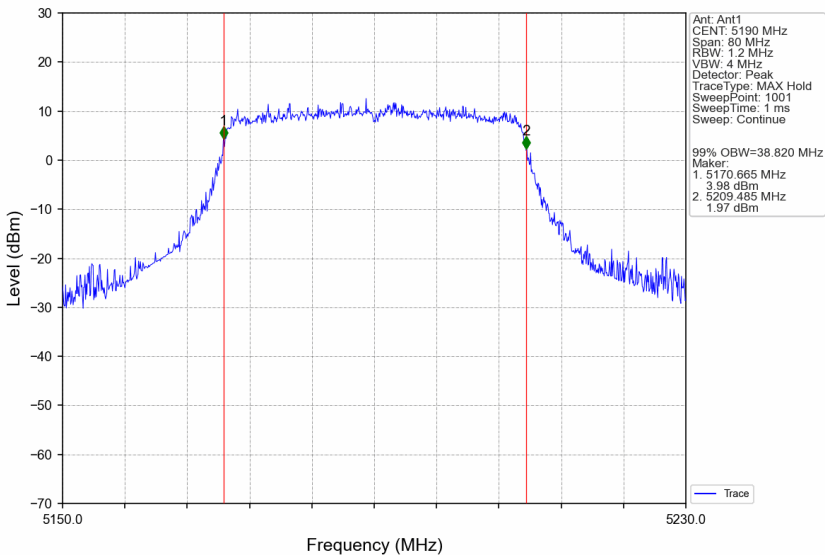
802.11ax(HE20)_MCH_5785MHz_RU242_Left_Ant1_NTNV



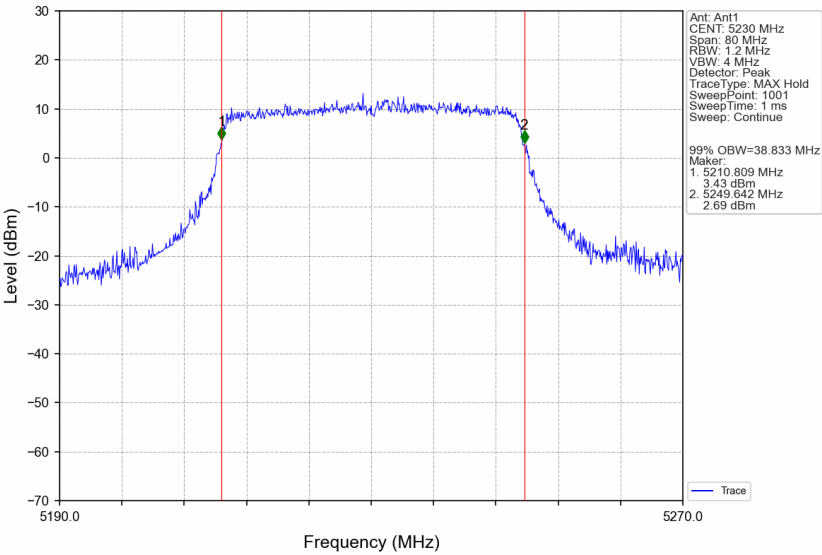
802.11ax(HE20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



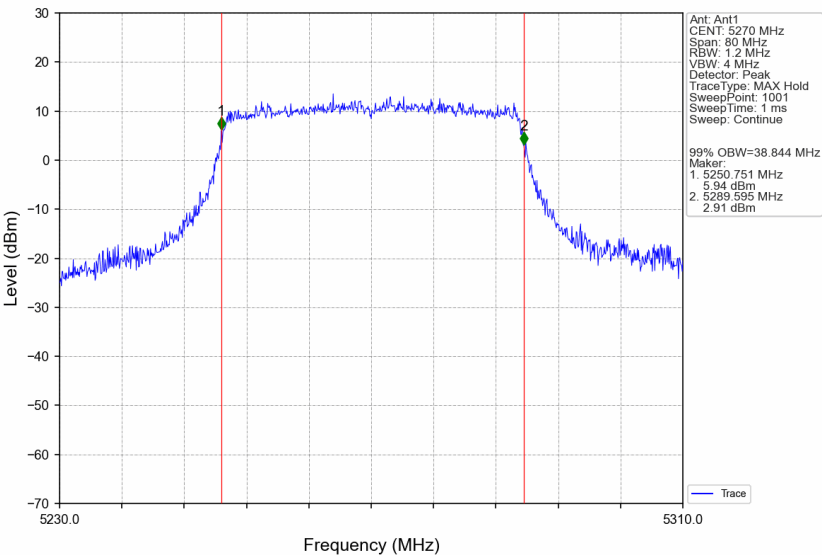
802.11ax(HE40)_LCH_5190MHz_RU484_Left_Ant1_NTNV



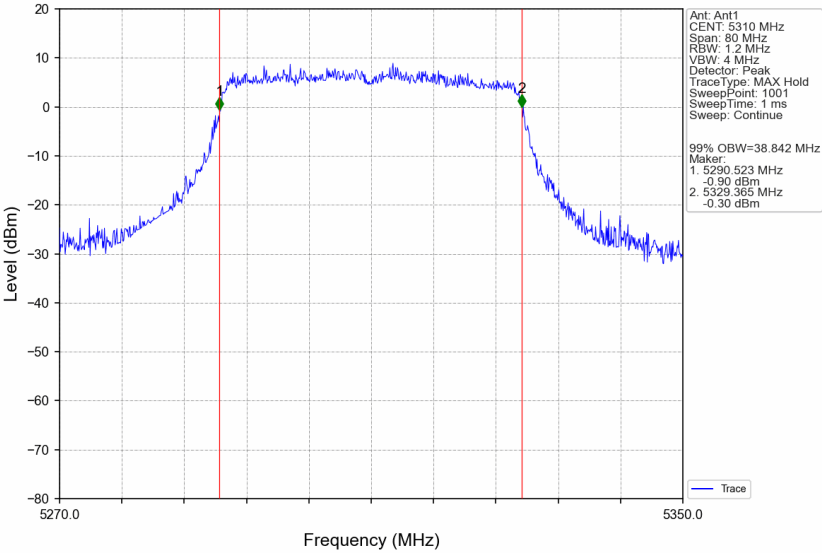
802.11ax(HE40)_HCH_5230MHz_RU484_Left_Ant1_NTNV



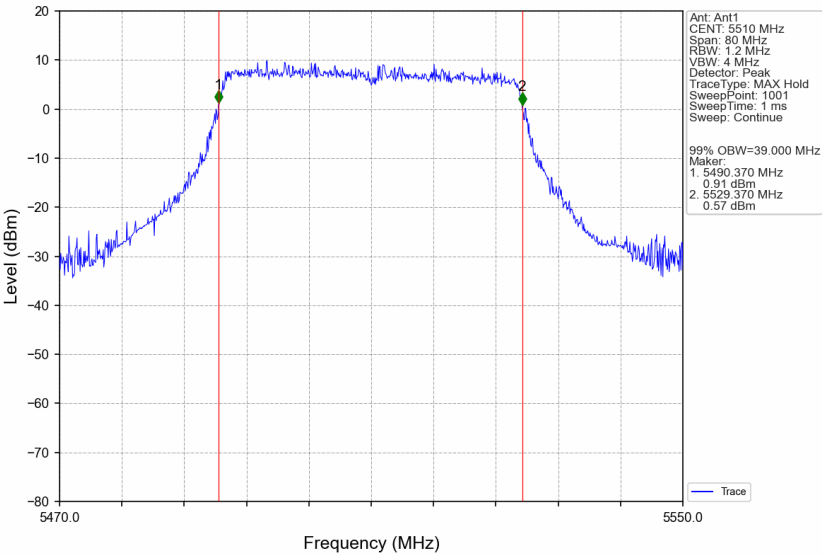
802.11ax(HE40)_LCH_5270MHz_RU484_Left_Ant1_NTNV



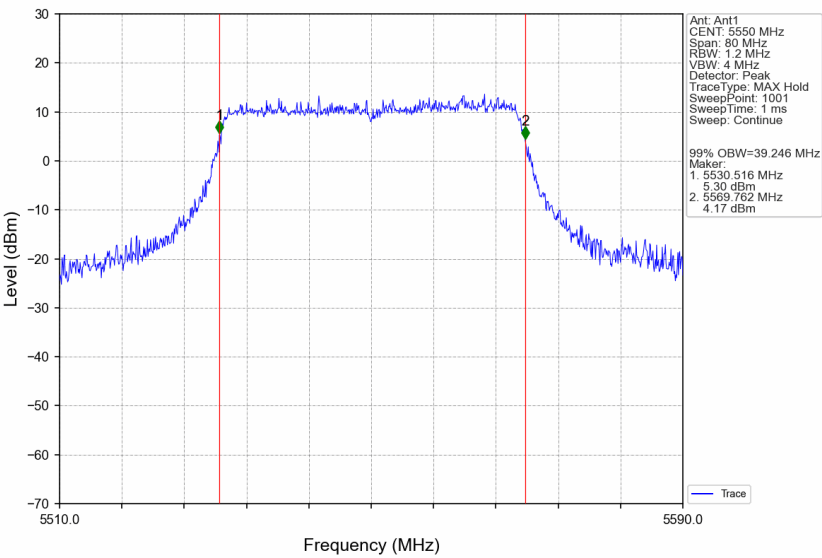
802.11ax(HE40)_HCH_5310MHz_RU484_Left_Ant1_NTNV



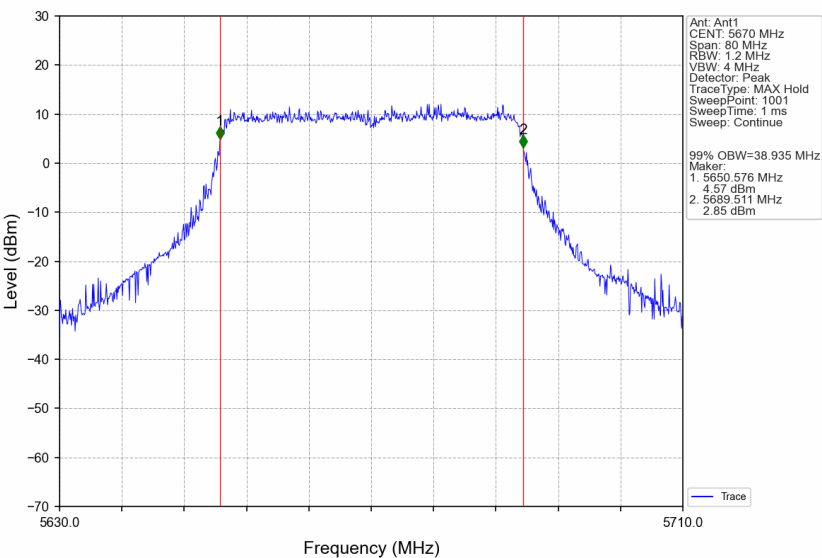
802.11ax(HE40)_LCH_5510MHz_RU484_Left_Ant1_NTNV



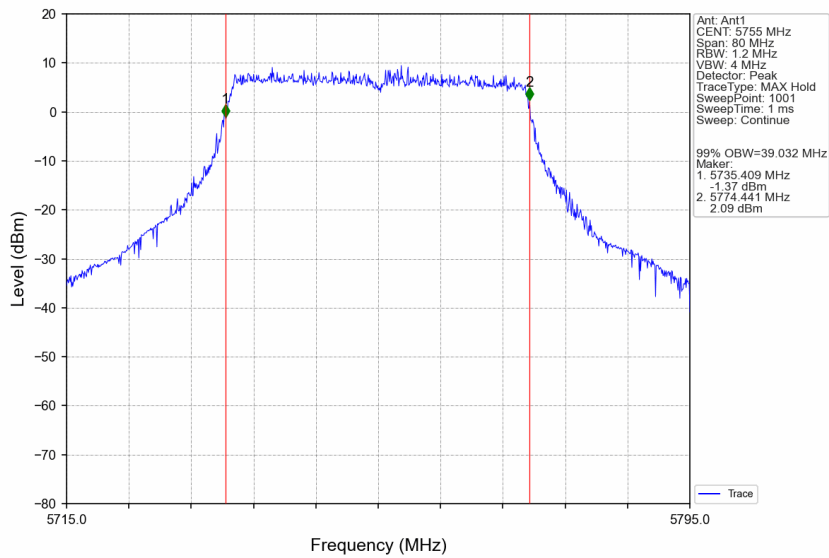
802.11ax(HE40)_MCH_5550MHz_RU484_Left_Ant1_NTNV



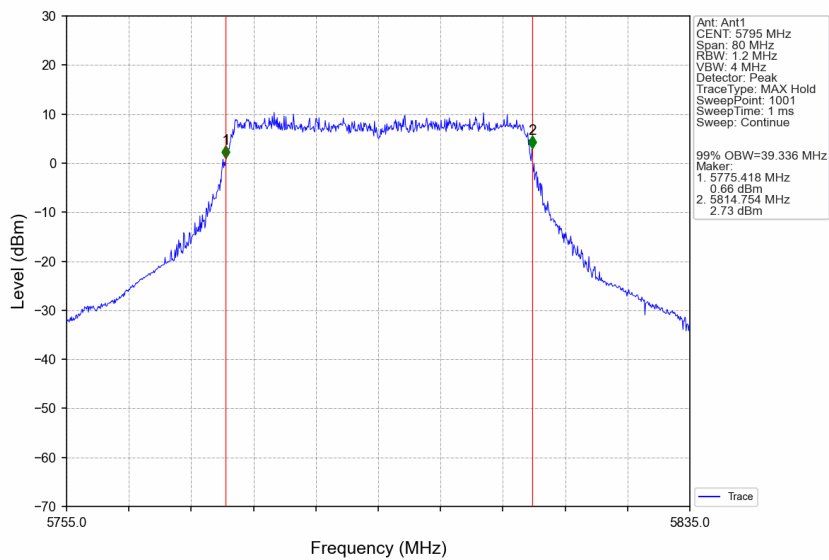
802.11ax(HE40)_HCH_5670MHz_RU484_Left_Ant1_NTNV



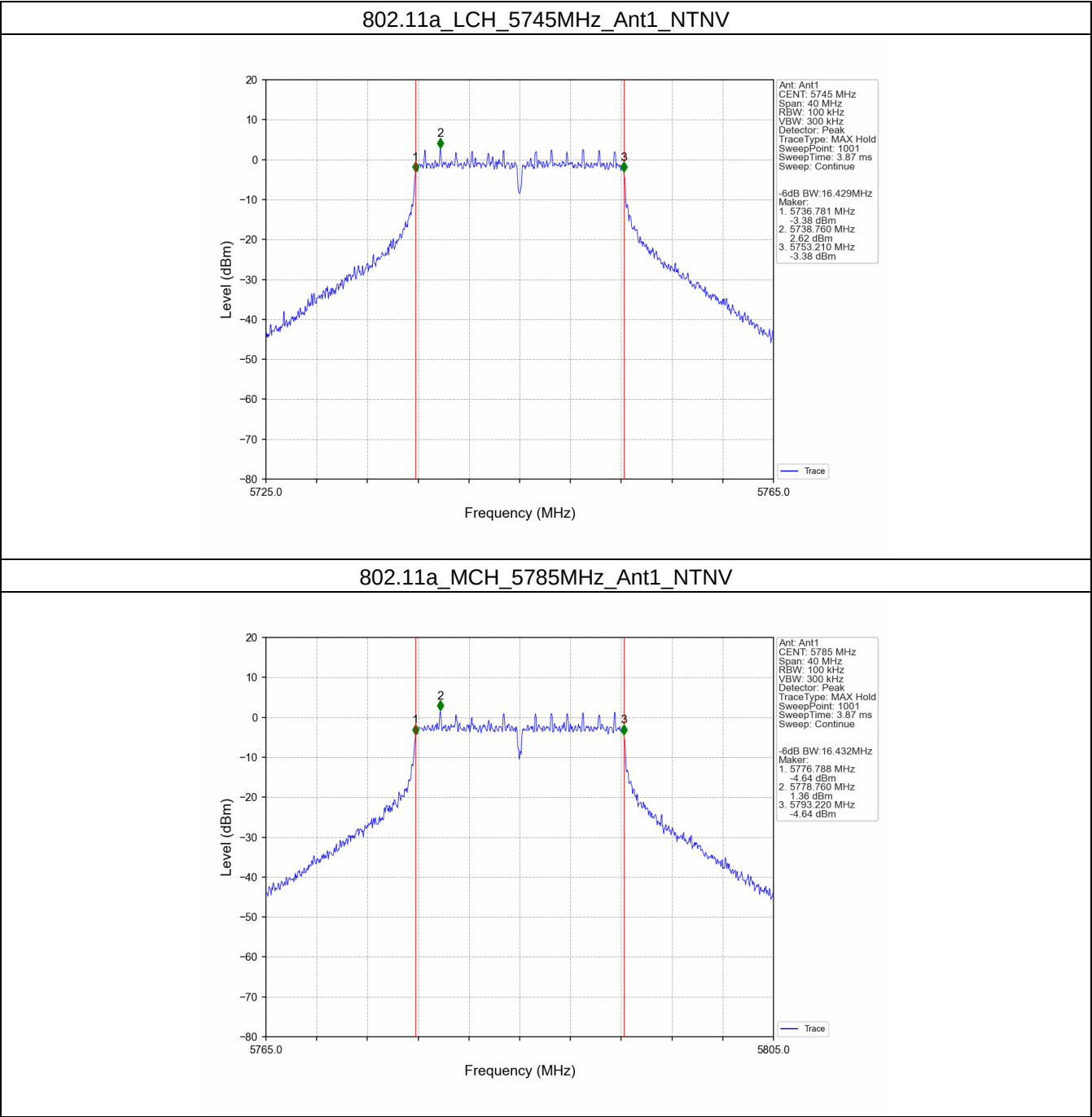
802.11ax(HE40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



802.11ax(HE40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



2.2.2 6dB BW



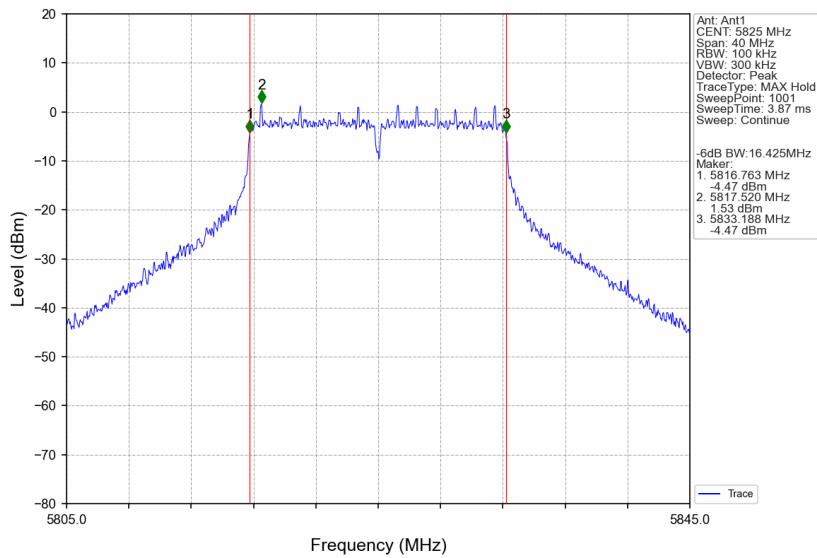
Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240700141903

Page: 291 of 410

802.11a_HCH_5825MHz_Ant1_NTNV



802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV

