

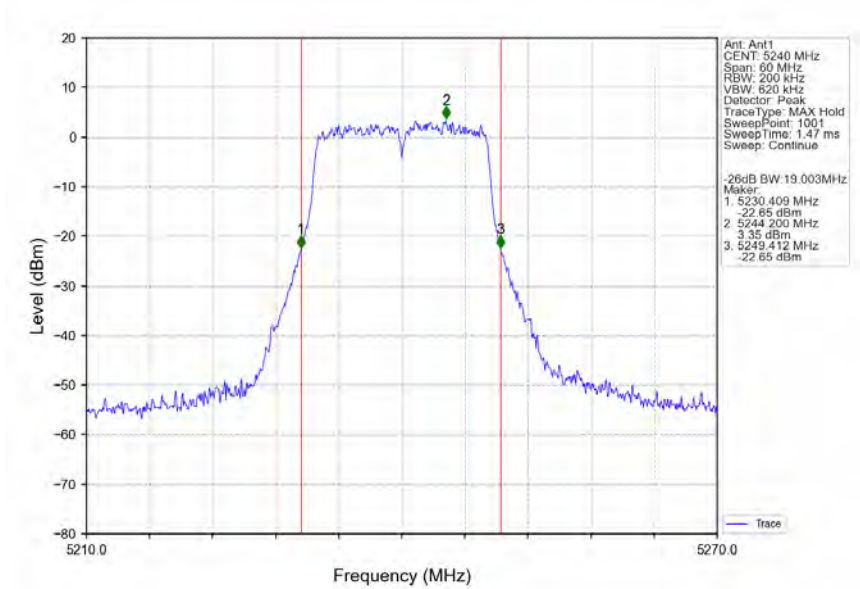
Compliance Certification Services (Kunshan) Inc.

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

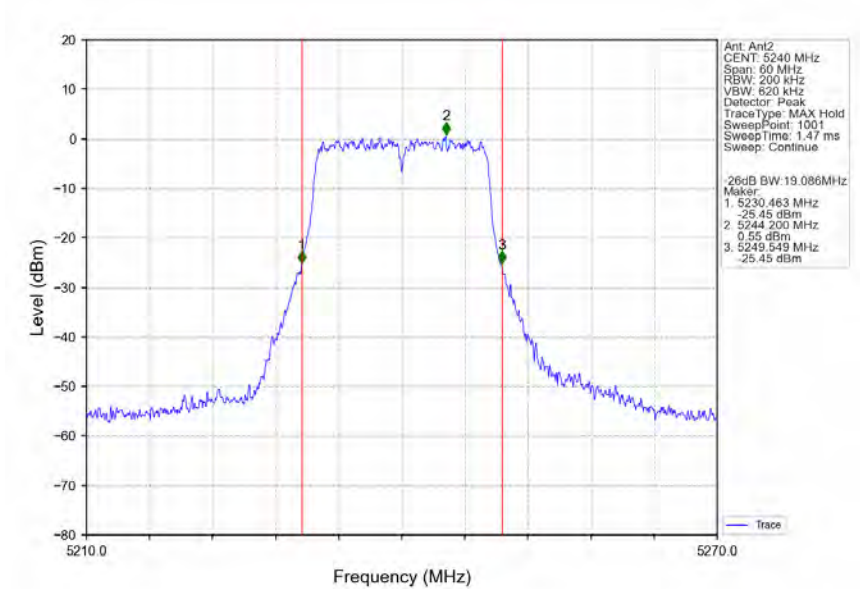
Report No.: KSCR240700123604

Page: 431 of 681

802.11a HCH 5240MHz Ant1 NTN



802.11a HCH 5240MHz Ant2 NTN



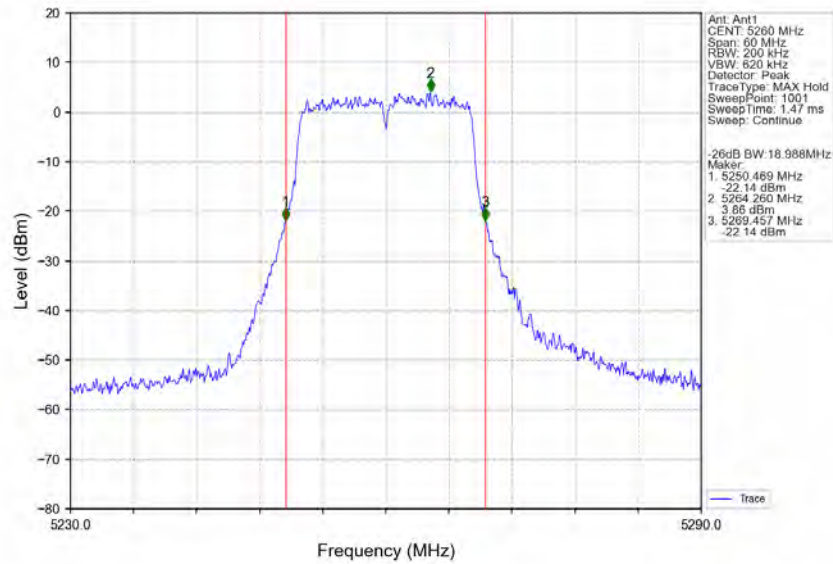
Compliance Certification Services (Kunshan) Inc.

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

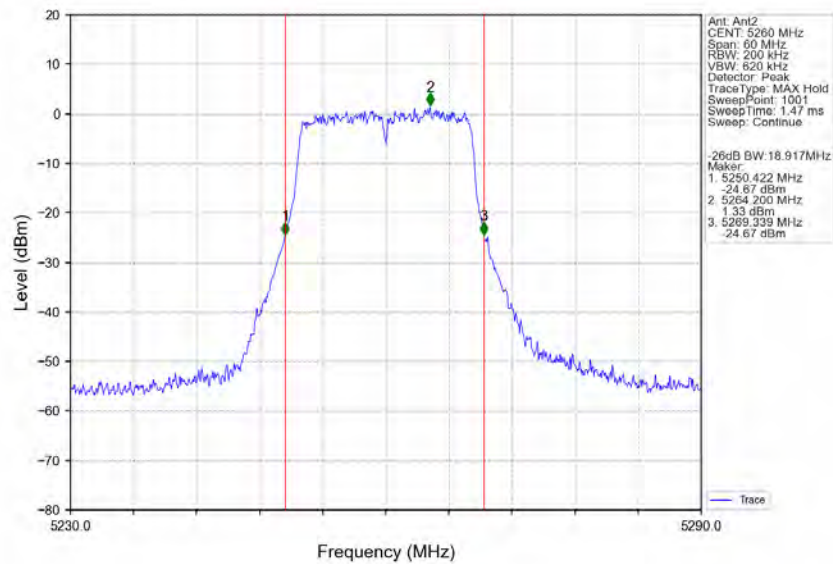
Report No.: KSCR240700123604

Page: 432 of 681

802.11a LCH 5260MHz Ant1 NTN



802.11a LCH 5260MHz Ant2 NTN



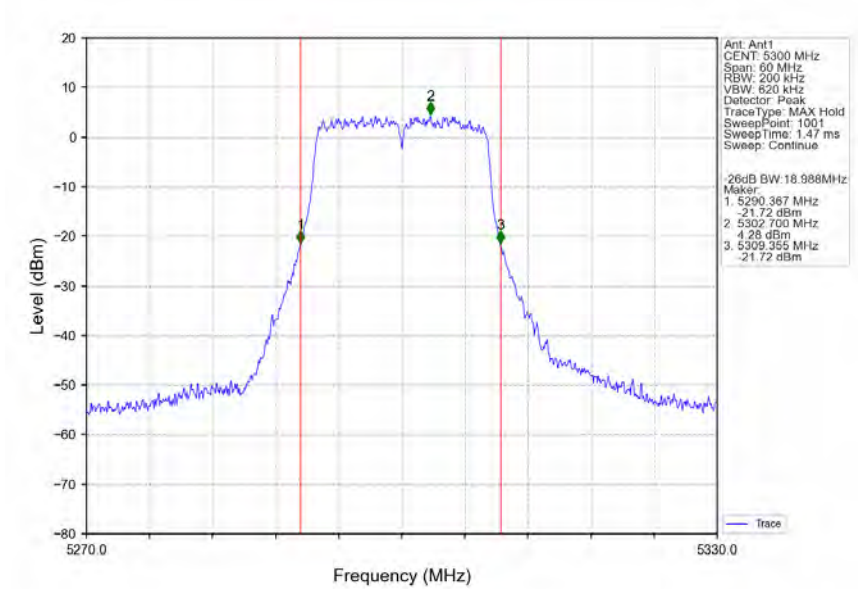
Compliance Certification Services (Kunshan) Inc.

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

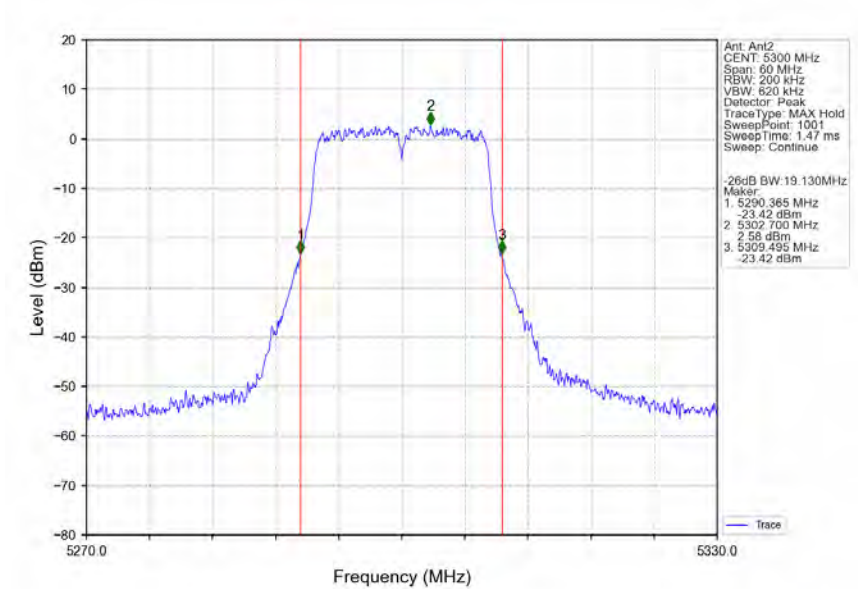
Report No.: KSCR240700123604

Page: 433 of 681

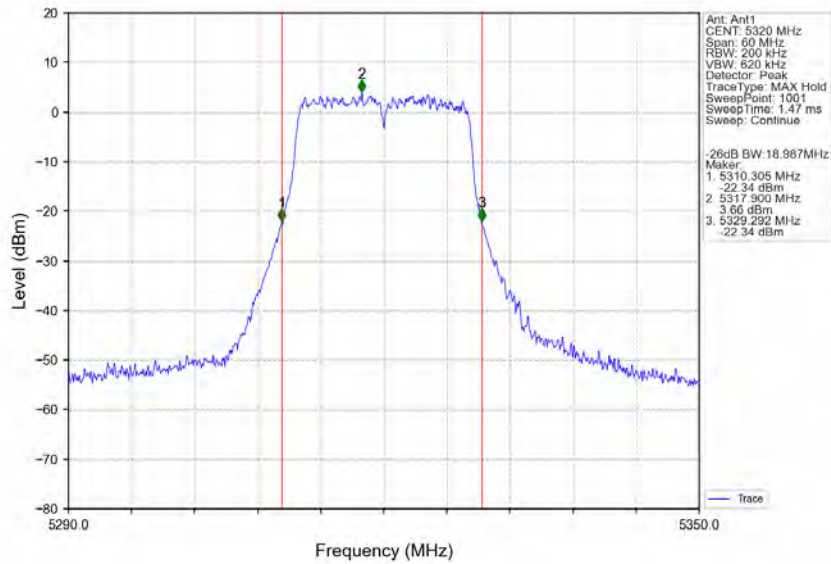
802.11a MCH_5300MHz_Ant1_NTNV



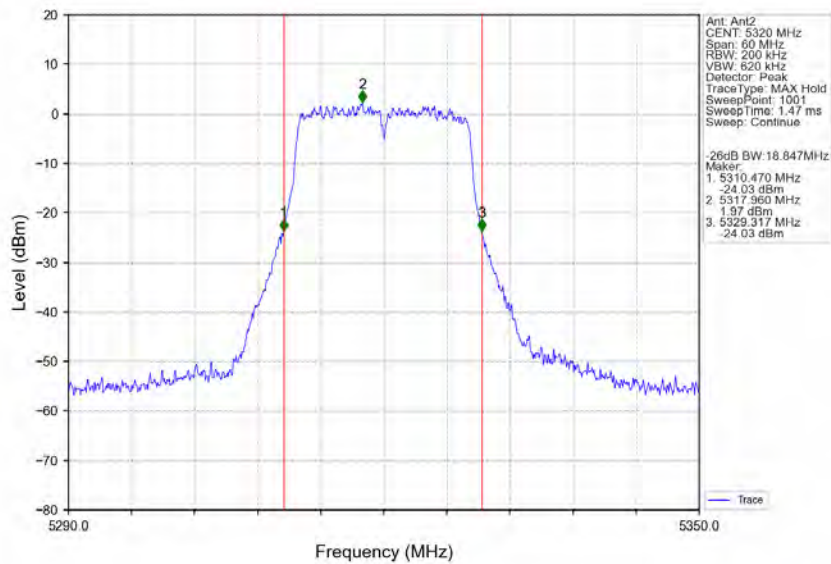
802.11a MCH_5300MHz_Ant2_NTNV



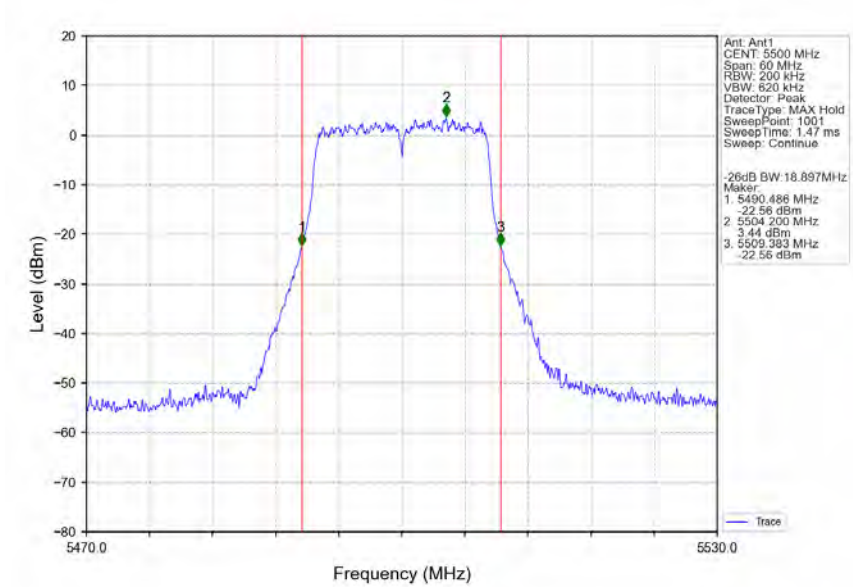
802.11a HCH 5320MHz Ant1 NTN



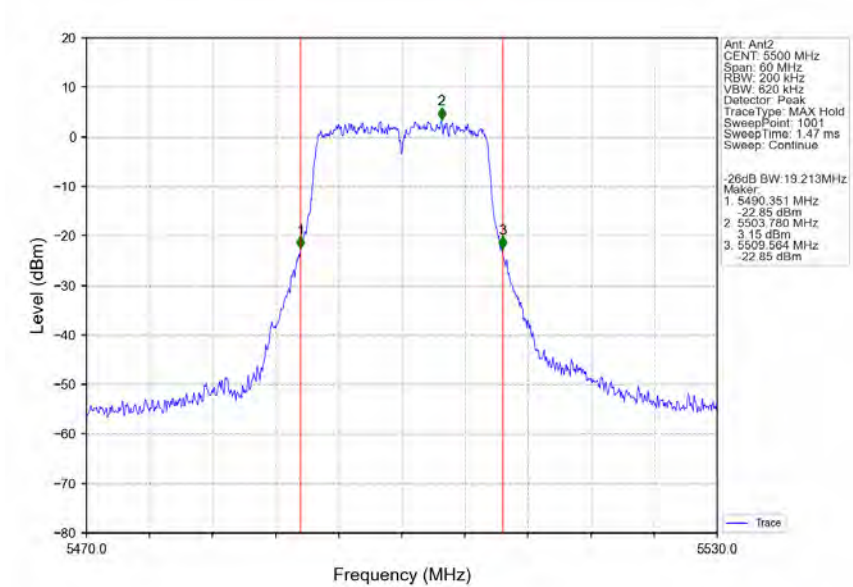
802.11a HCH 5320MHz Ant2 NTN



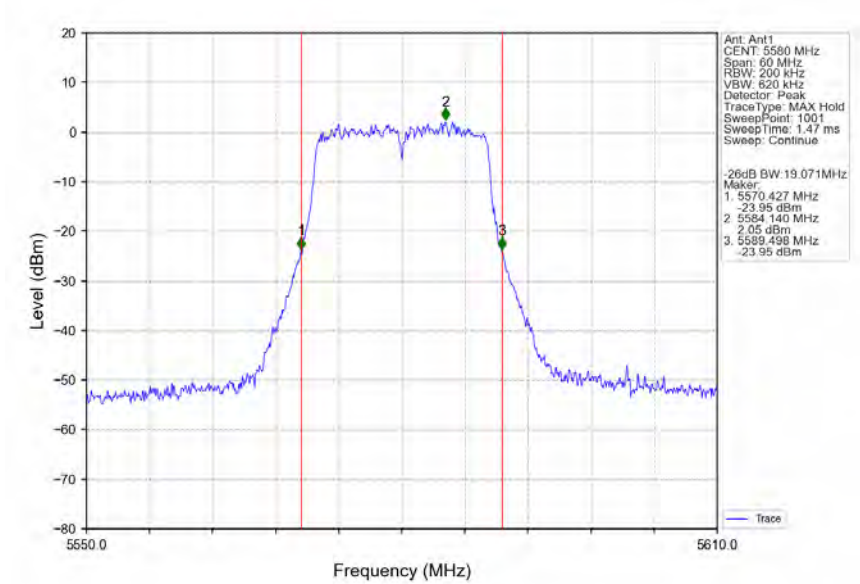
802.11a LCH 5500MHz Ant1 NTN



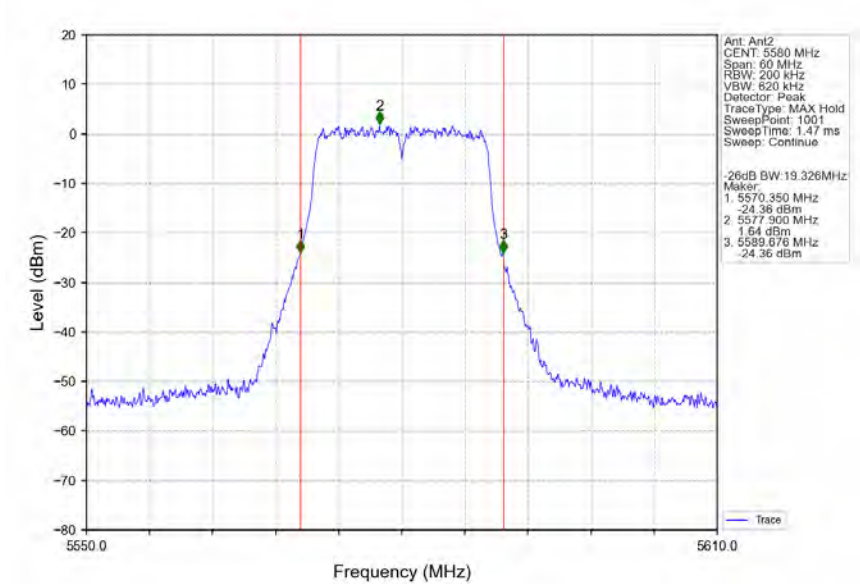
802.11a LCH 5500MHz Ant2 NTN



802.11a MCH_5580MHz_Ant1_NTNV



802.11a MCH_5580MHz_Ant2_NTNV



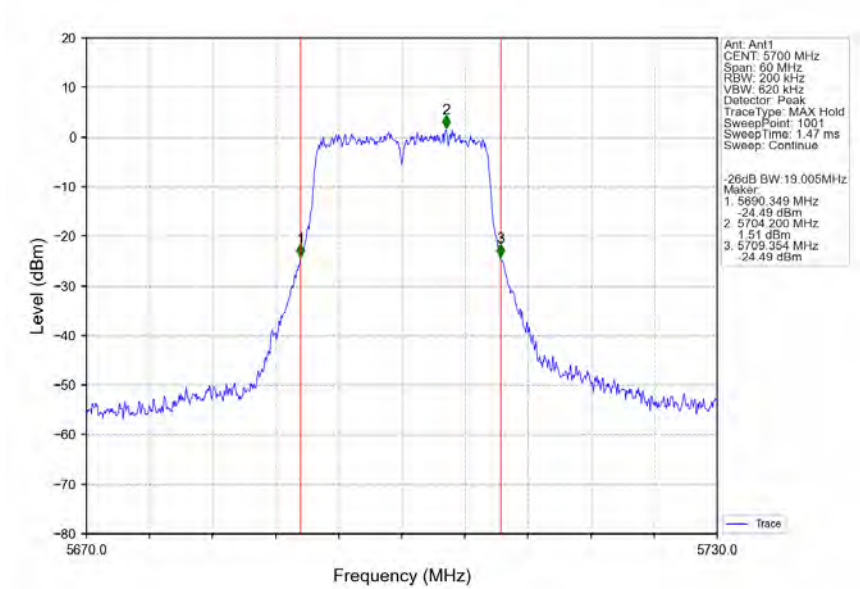
Compliance Certification Services (Kunshan) Inc.

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

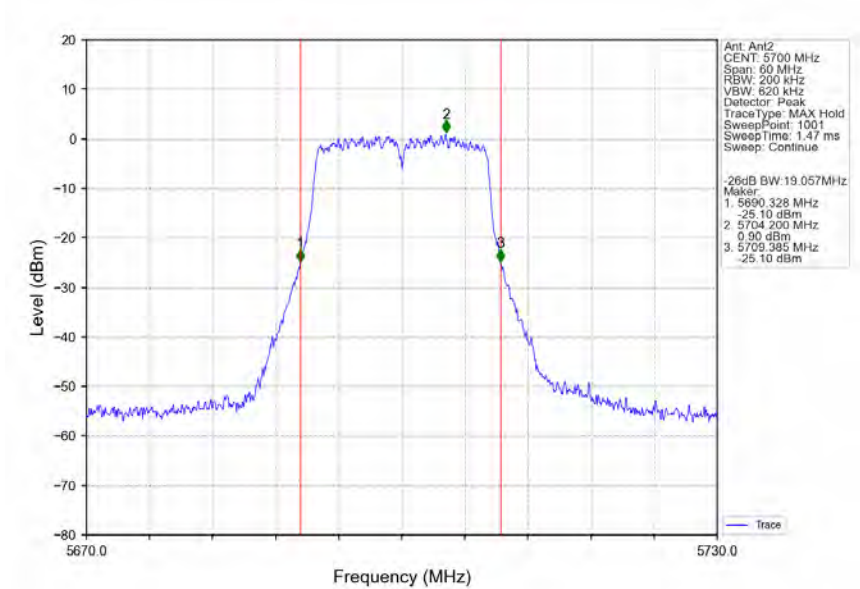
Report No.: KSCR240700123604

Page: 437 of 681

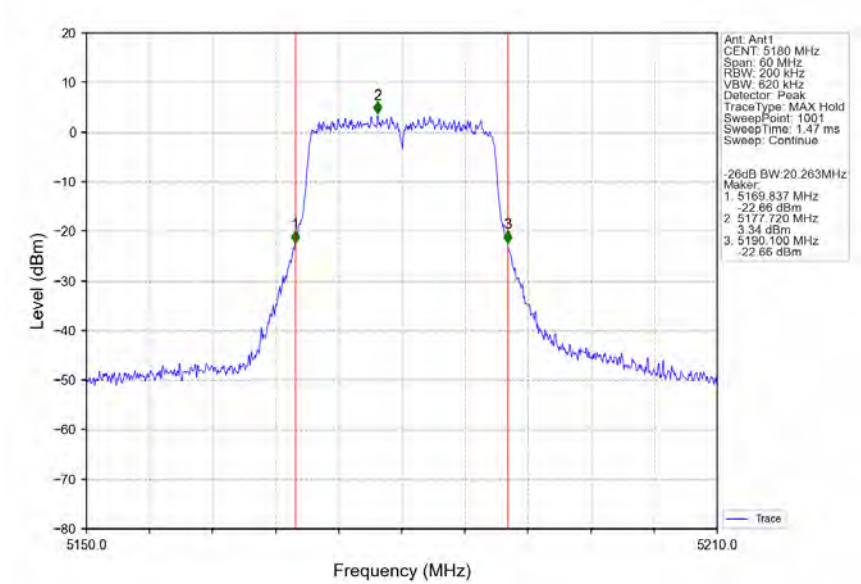
802.11a HCH 5700MHz Ant1 NTN



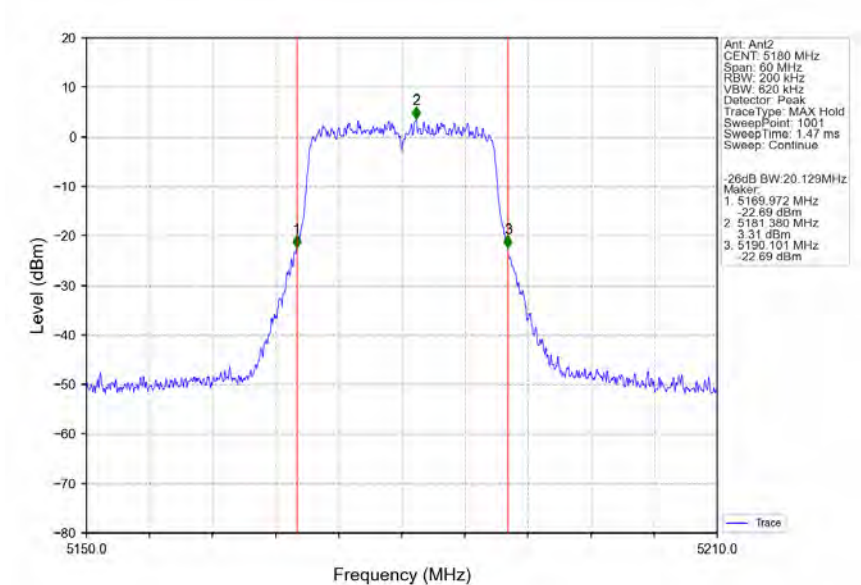
802.11a HCH 5700MHz Ant2 NTN



802.11ac(VHT20) LCH 5180MHz Ant1 NTN



802.11ac(VHT20) LCH 5180MHz Ant2 NTN



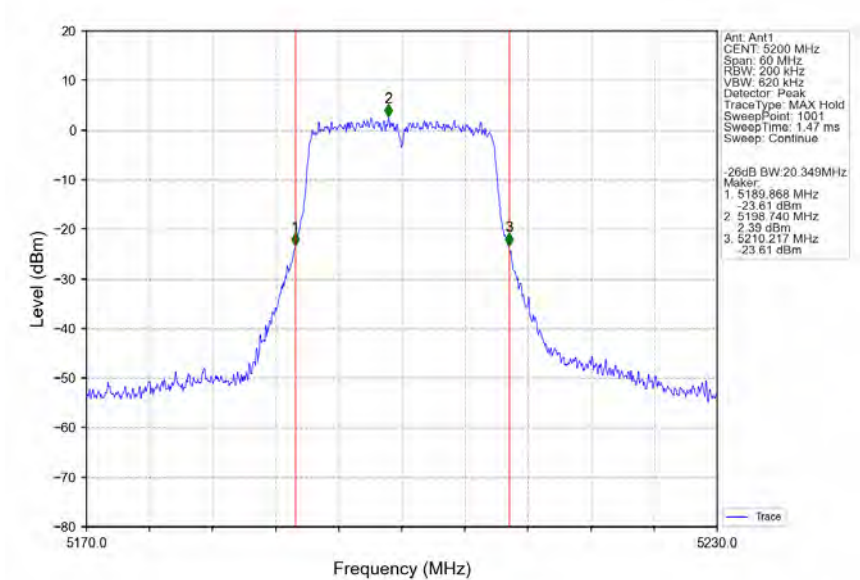
Compliance Certification Services (Kunshan) Inc.

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

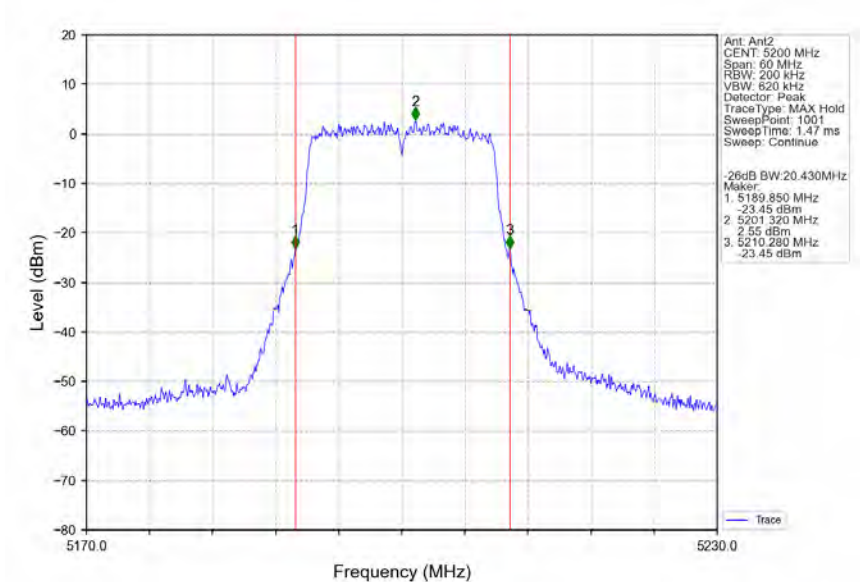
Report No.: KSCR240700123604

Page: 439 of 681

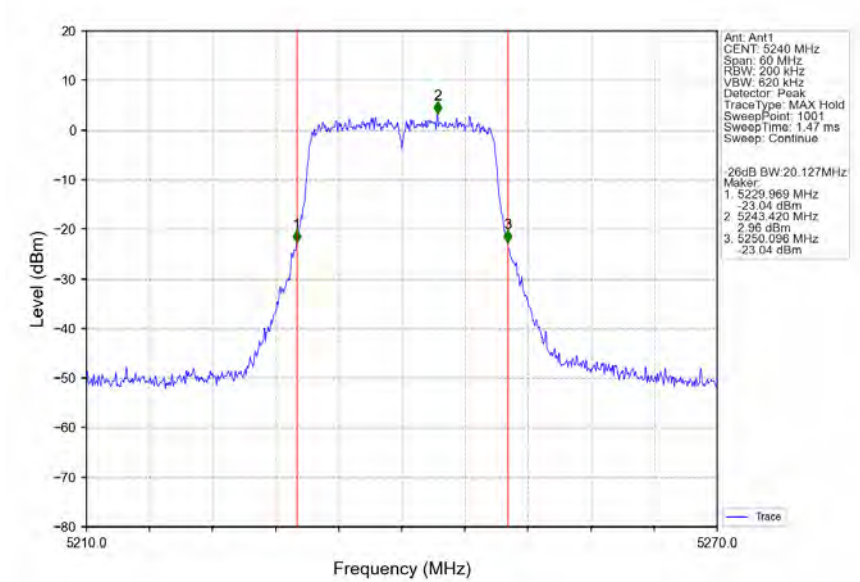
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



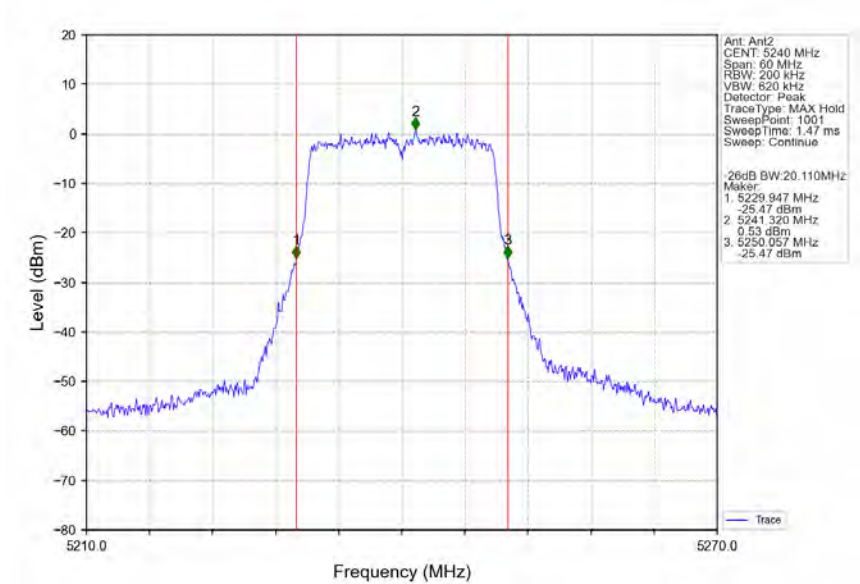
802.11ac(VHT20) MCH_5200MHz_Ant2_NTNV



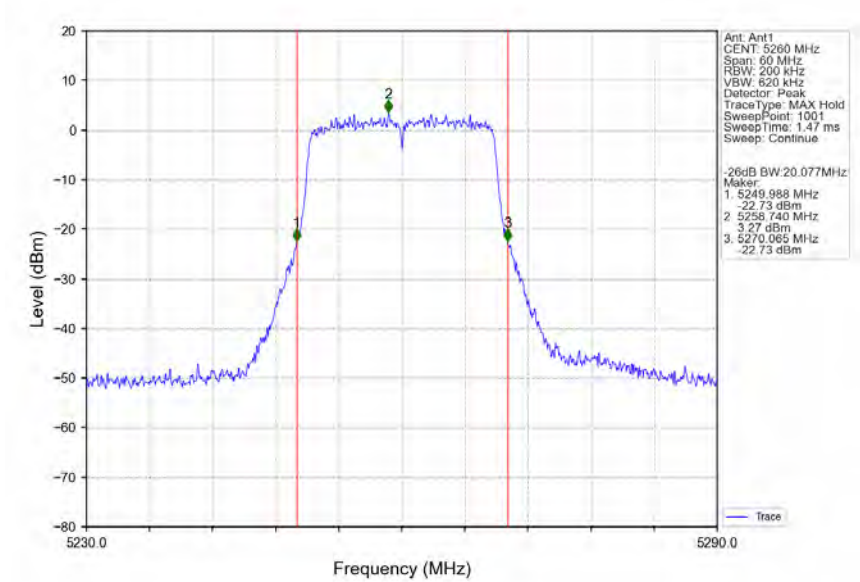
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



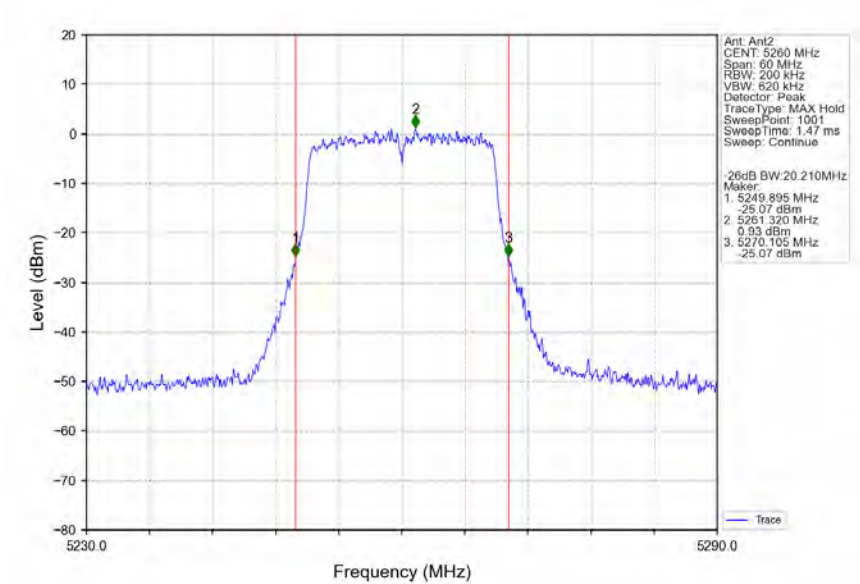
802.11ac(VHT20) HCH 5240MHz Ant2 NTN



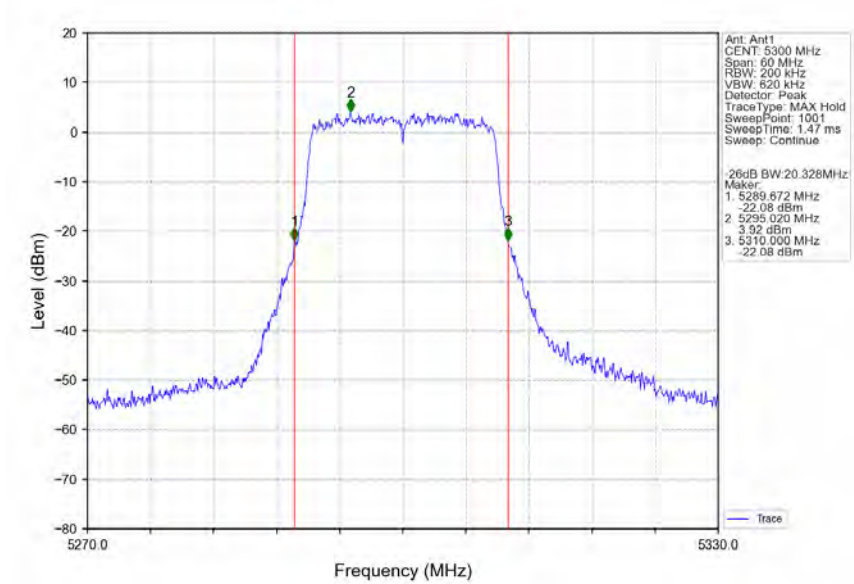
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



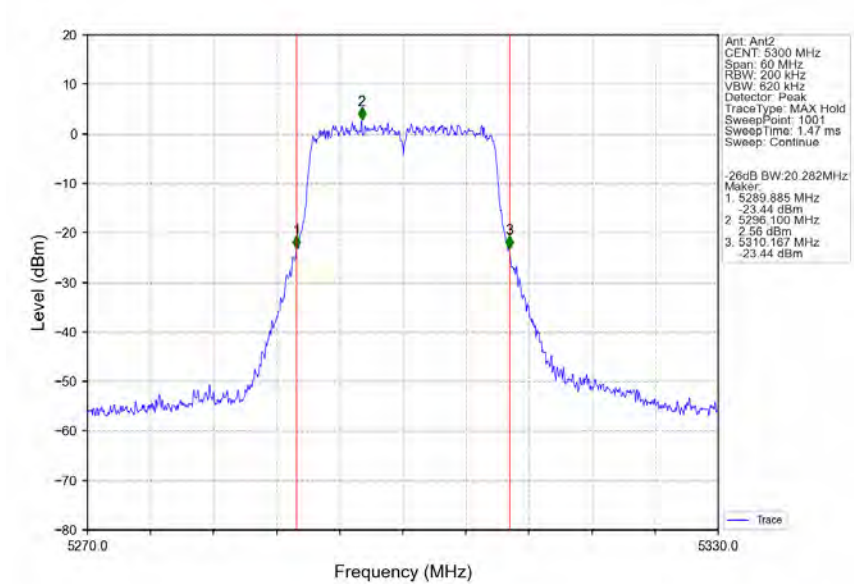
802.11ac(VHT20) LCH 5260MHz Ant2 NTN



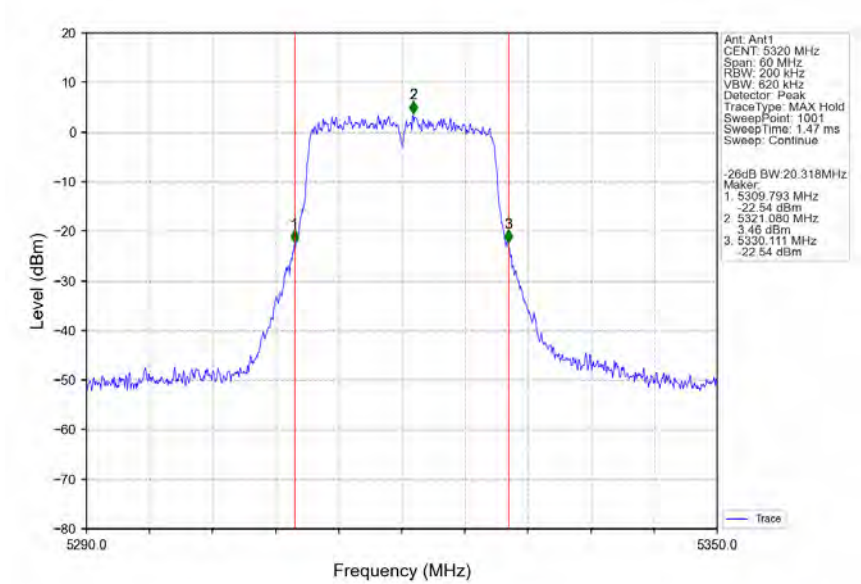
802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



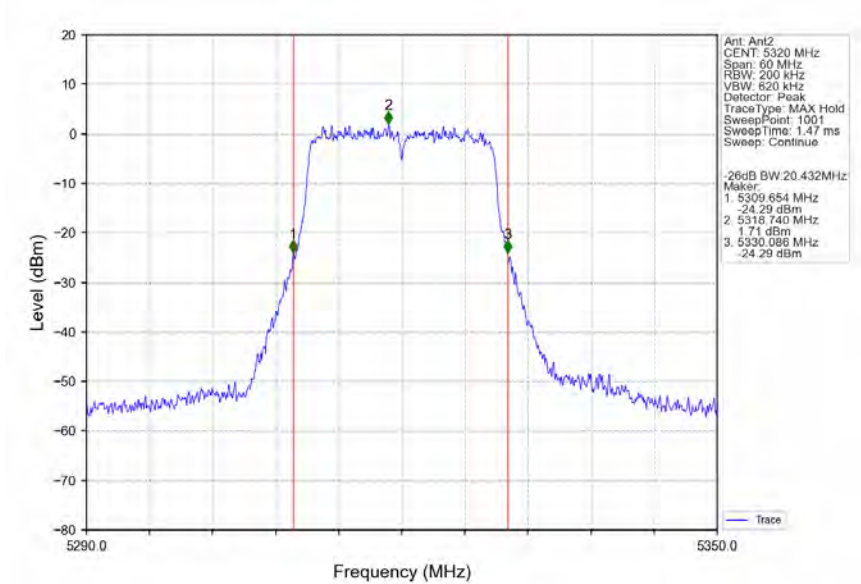
802.11ac(VHT20) MCH_5300MHz_Ant2_NTNV



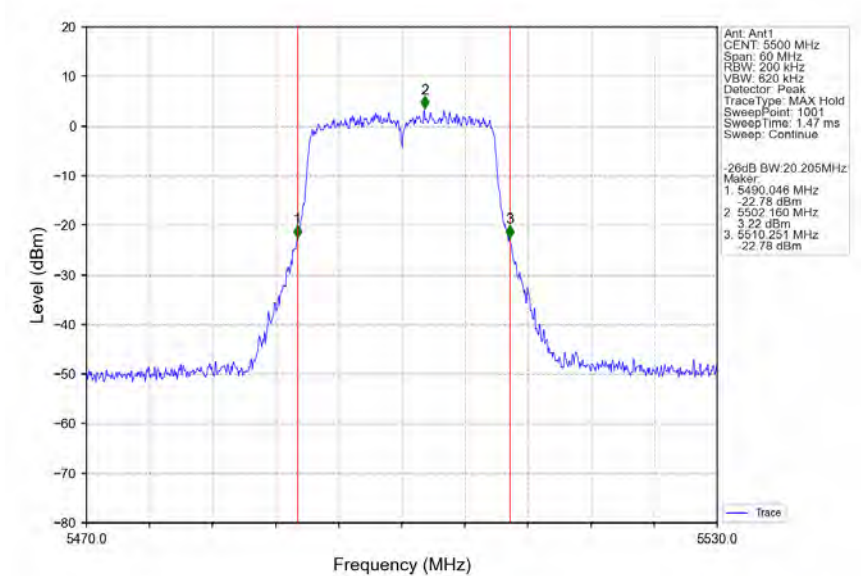
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



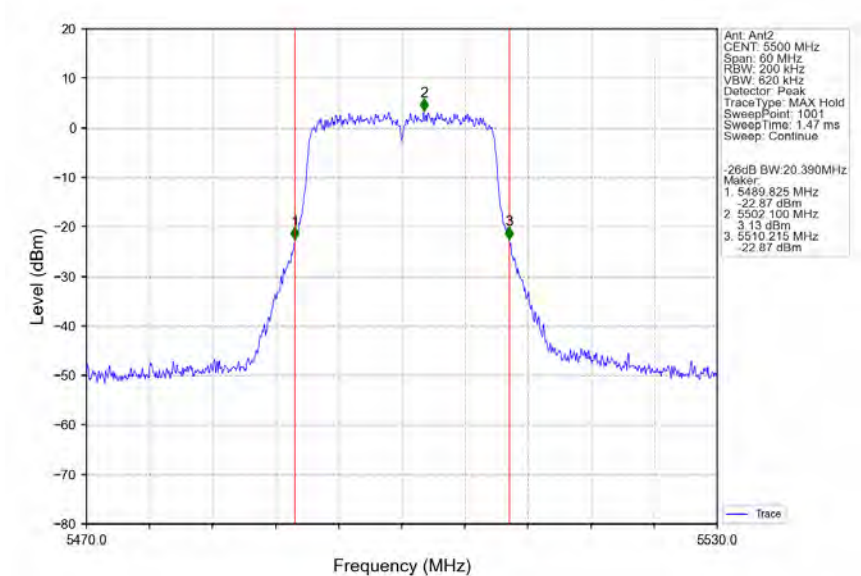
802.11ac(VHT20) HCH 5320MHz Ant2 NTN



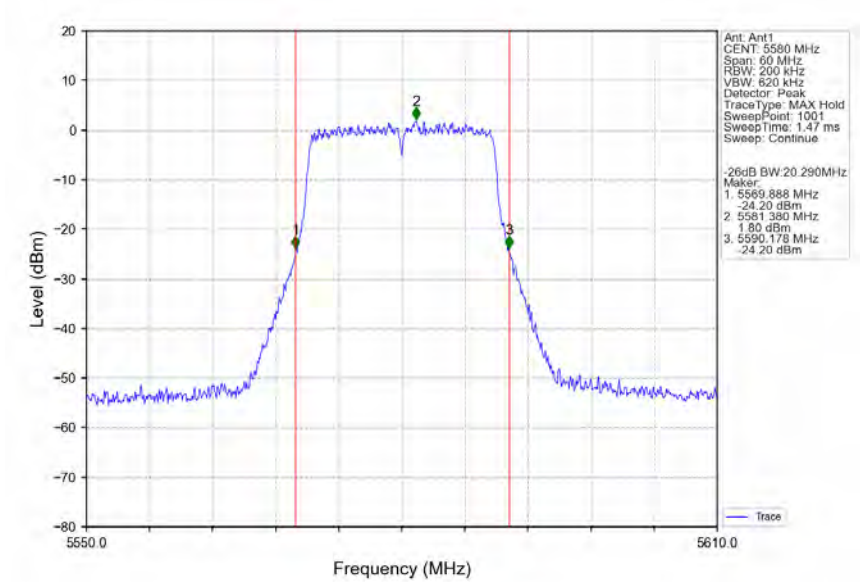
802.11ac(VHT20) LCH 5500MHz Ant1 NTN



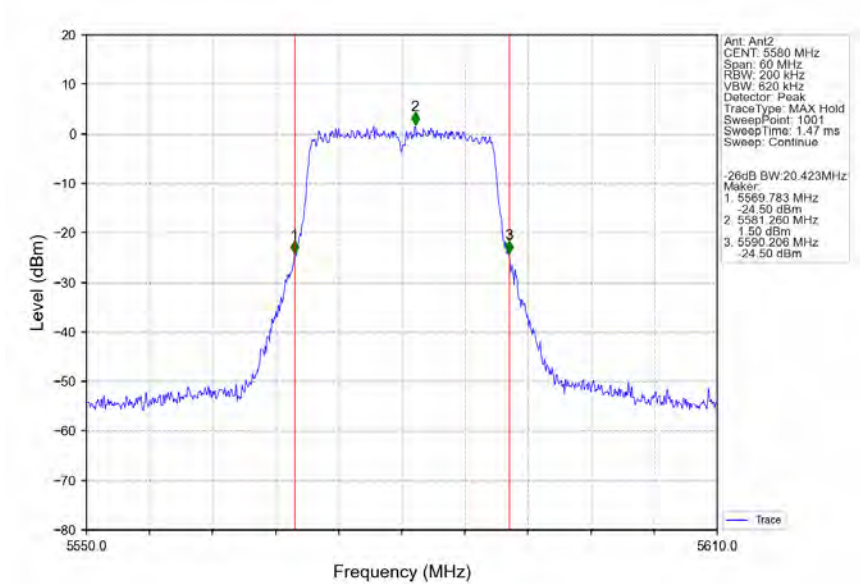
802.11ac(VHT20) LCH 5500MHz Ant2 NTN



802.11ac(VHT20) MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20) MCH_5580MHz_Ant2_NTNV



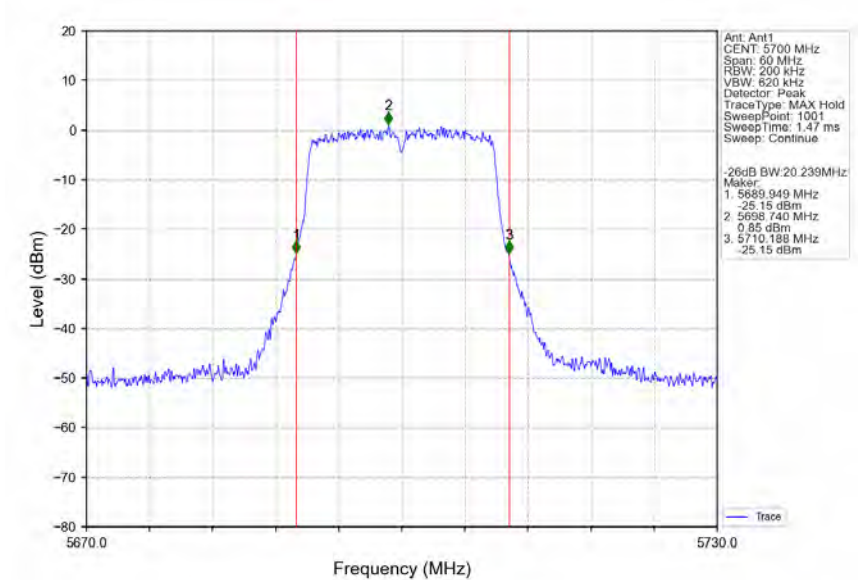
Compliance Certification Services (Kunshan) Inc.

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

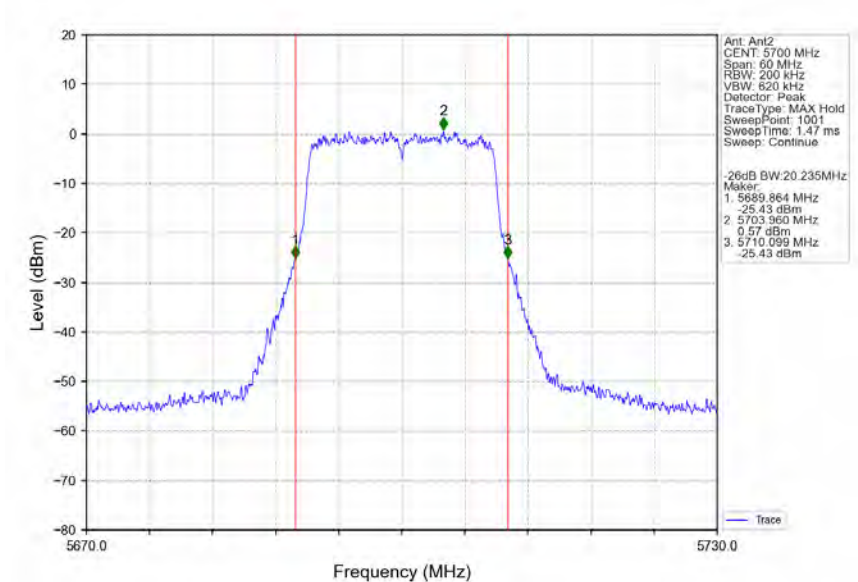
Report No.: KSCR240700123604

Page: 446 of 681

802.11ac(VHT20) HCH 5700MHz Ant1 NTN



802.11ac(VHT20) HCH 5700MHz Ant2 NTN



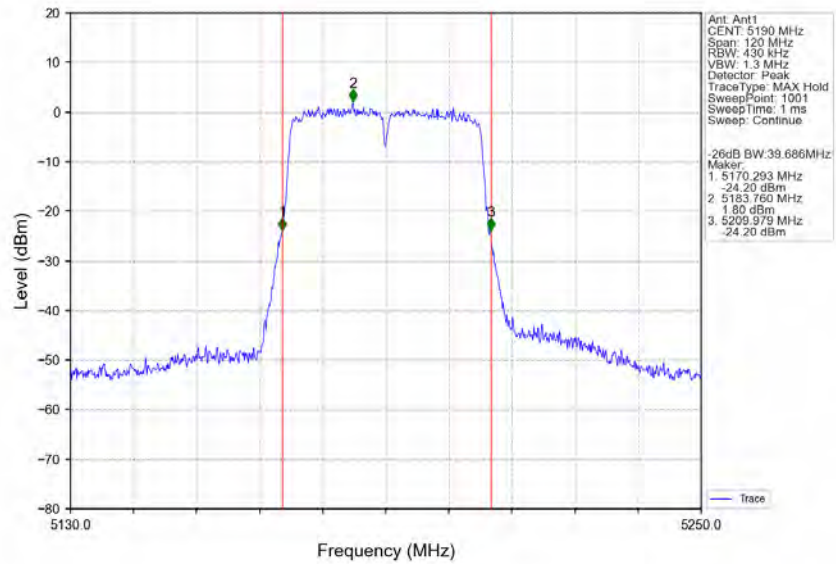
Compliance Certification Services (Kunshan) Inc.

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

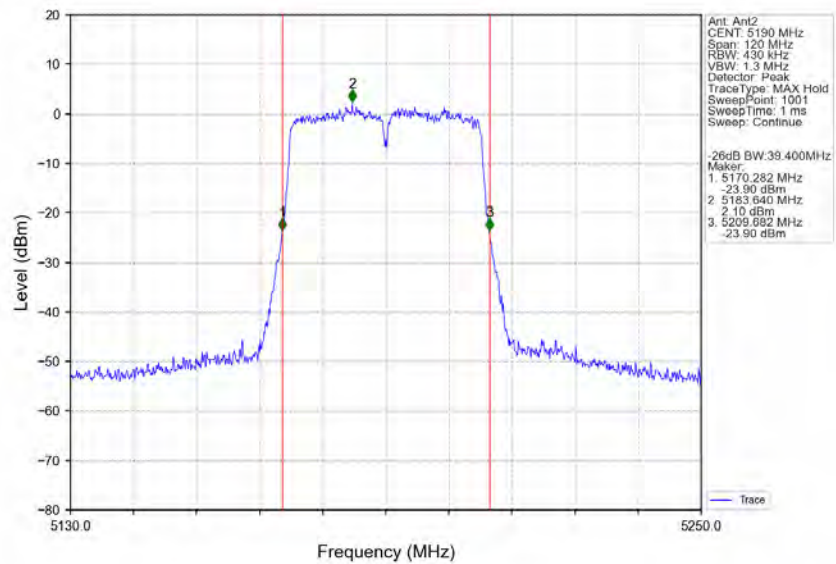
Report No.: KSCR240700123604

Page: 447 of 681

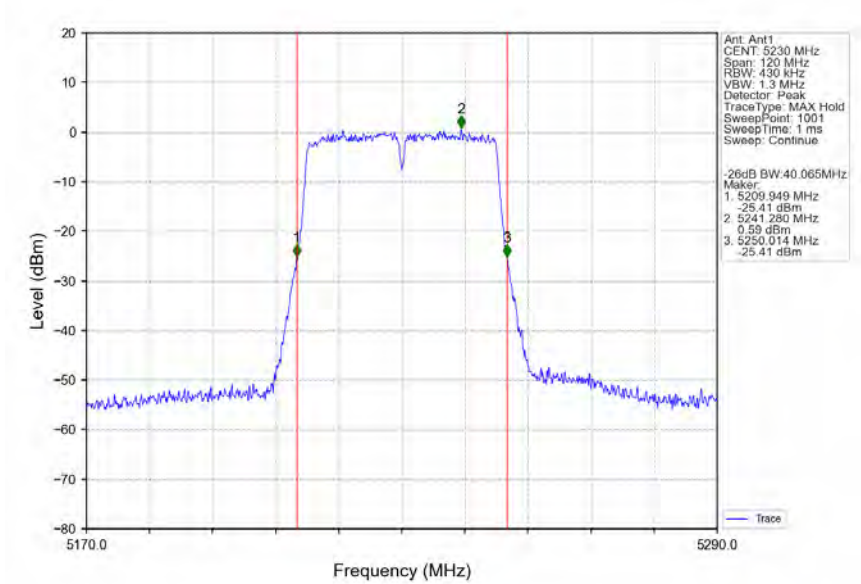
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



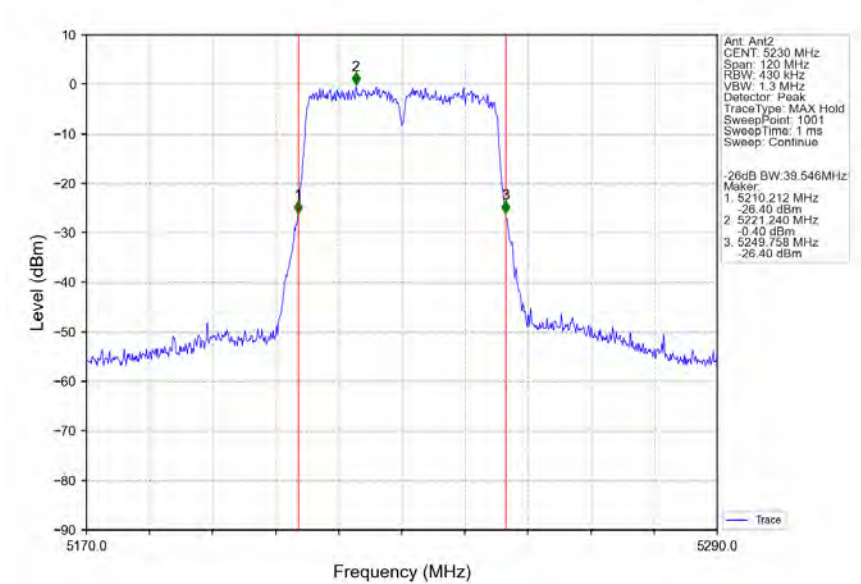
802.11ac(VHT40) LCH 5190MHz Ant2 NTN



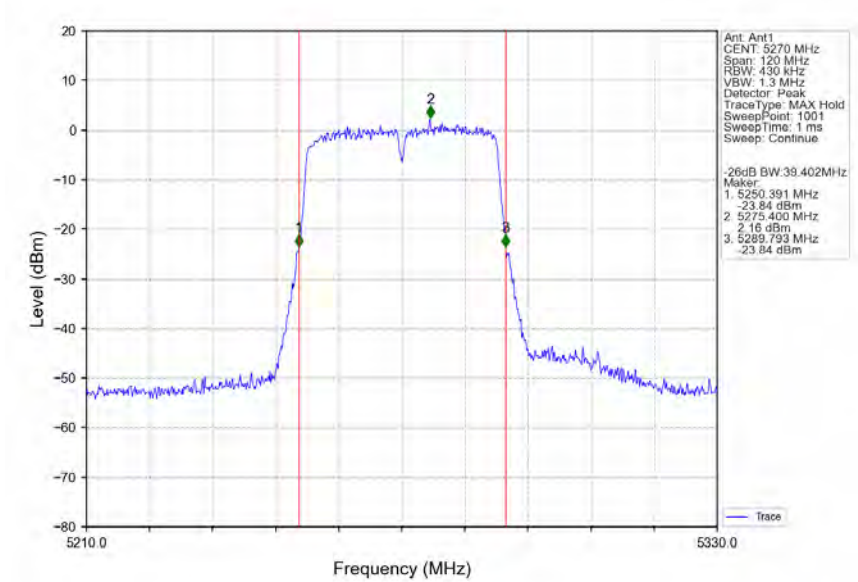
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



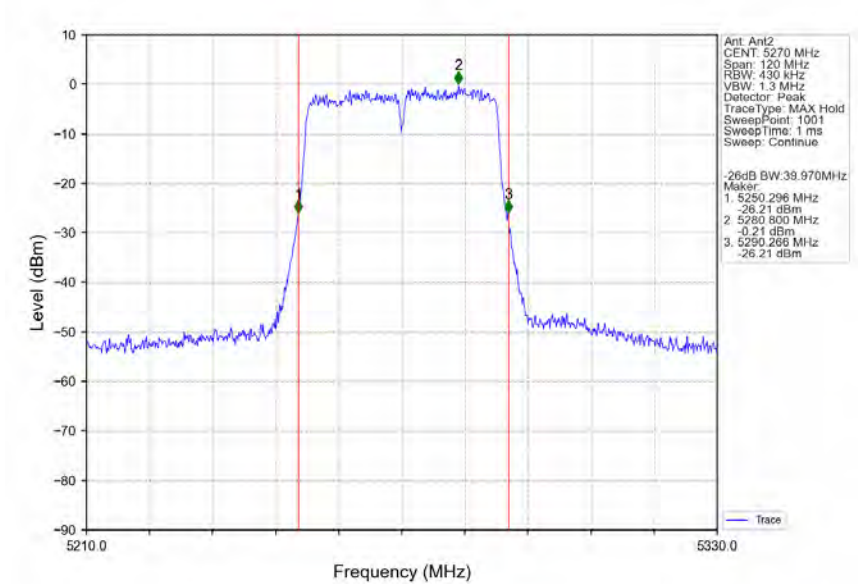
802.11ac(VHT40) HCH 5230MHz Ant2 NTN



802.11ac(VHT40) LCH 5270MHz Ant1 NTN



802.11ac(VHT40) LCH 5270MHz Ant2 NTN



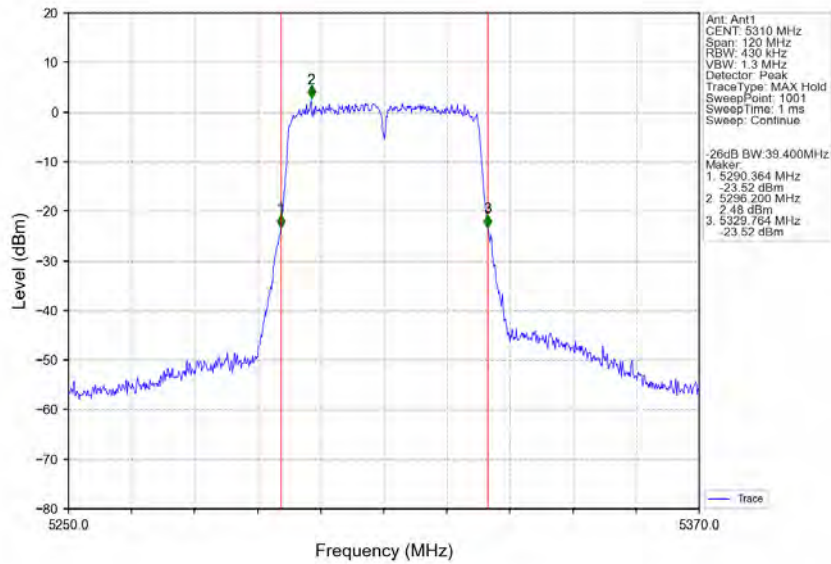
Compliance Certification Services (Kunshan) Inc.

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

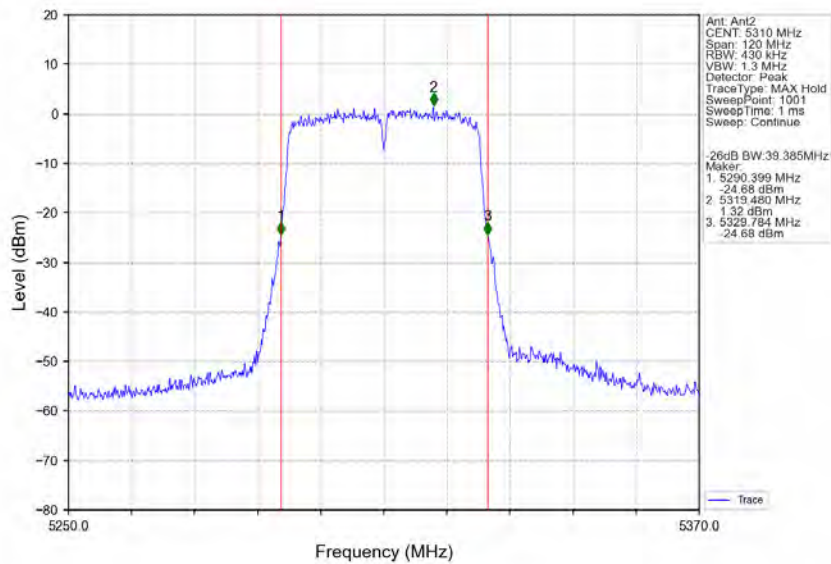
Report No.: KSCR240700123604

Page: 450 of 681

802.11ac(VHT40) HCH 5310MHz Ant1 NTN



802.11ac(VHT40) HCH 5310MHz Ant2 NTN



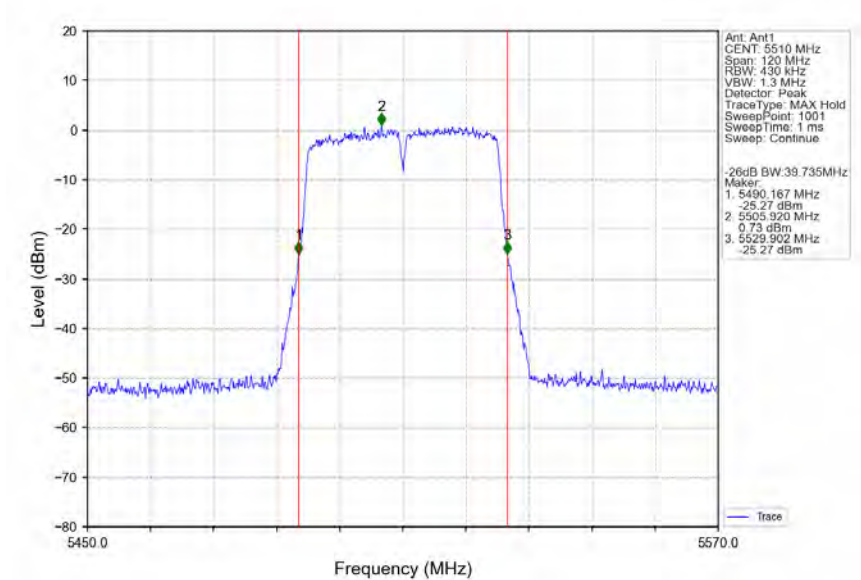
Compliance Certification Services (Kunshan) Inc.

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

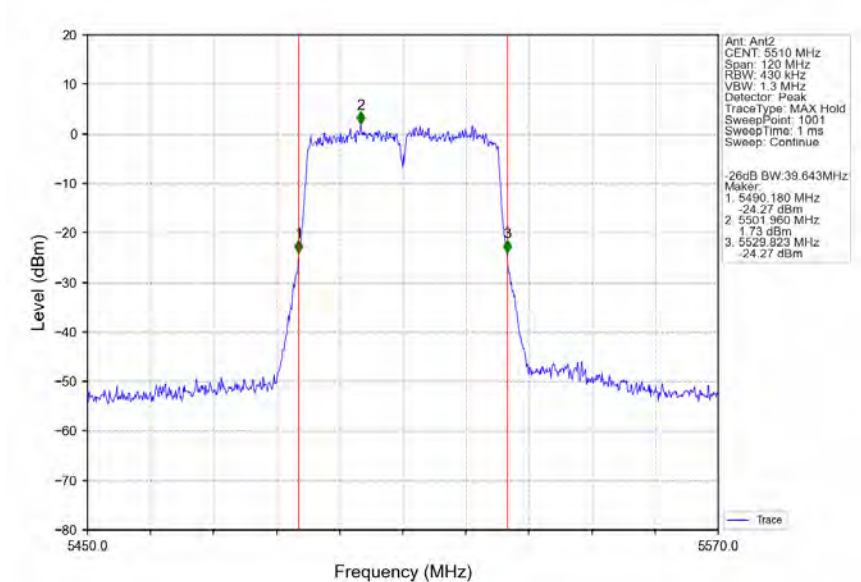
Report No.: KSCR240700123604

Page: 451 of 681

802.11ac(VHT40) LCH_5510MHz_Ant1_NTNV



802.11ac(VHT40) LCH_5510MHz_Ant2_NTNV



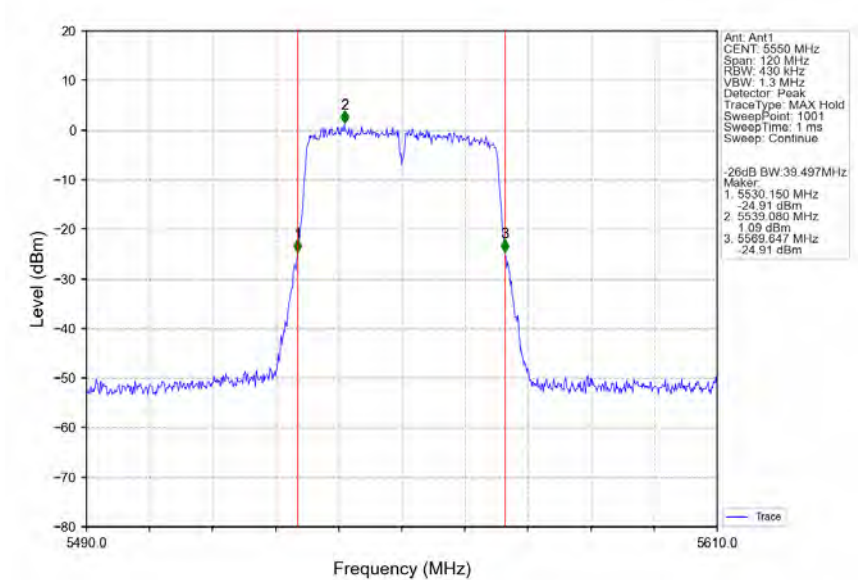
Compliance Certification Services (Kunshan) Inc.

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

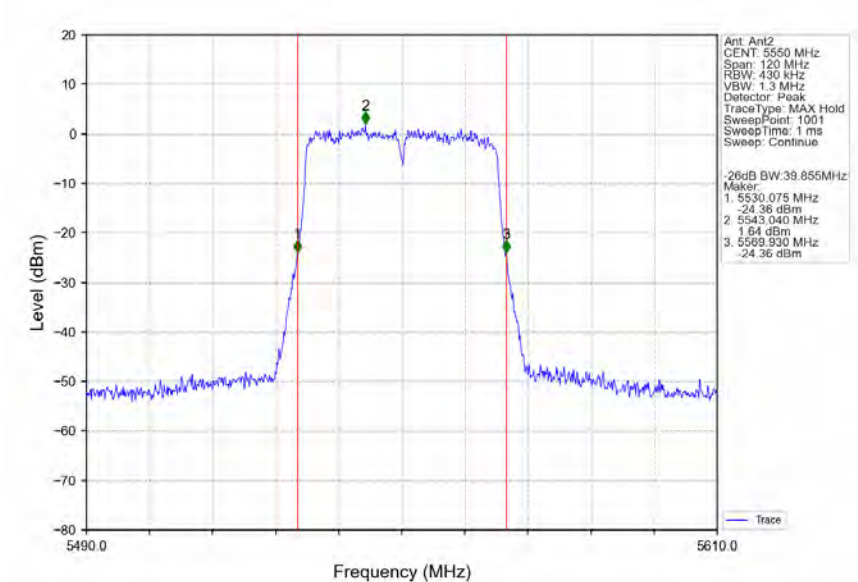
Report No.: KSCR240700123604

Page: 452 of 681

802.11ac(VHT40) MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40) MCH_5550MHz_Ant2_NTNV



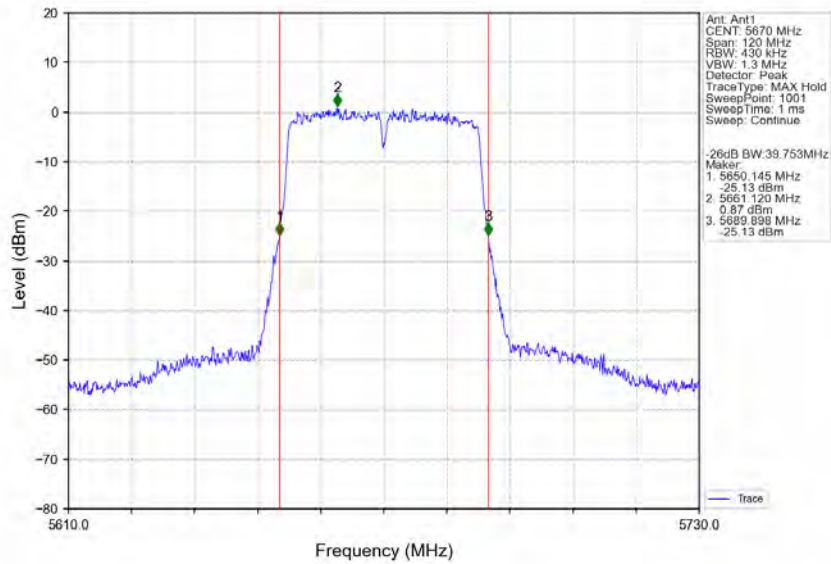
Compliance Certification Services (Kunshan) Inc.

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

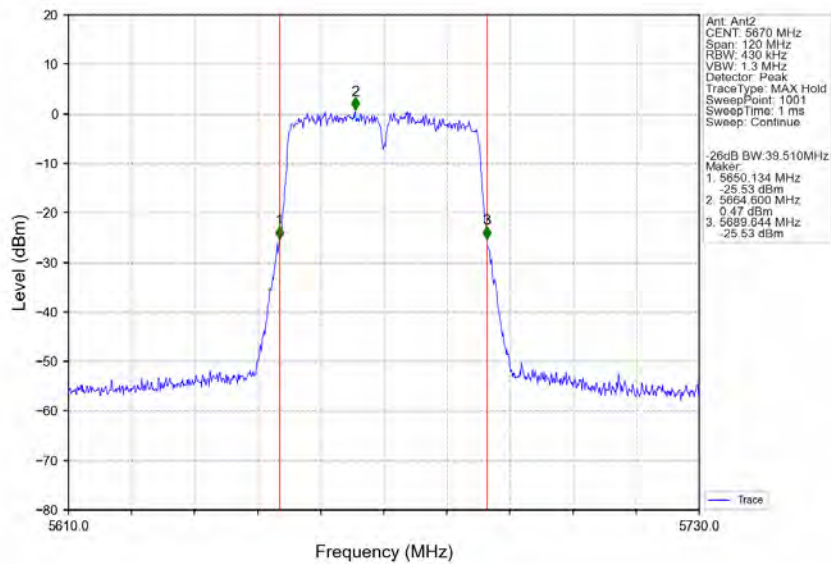
Report No.: KSCR240700123604

Page: 453 of 681

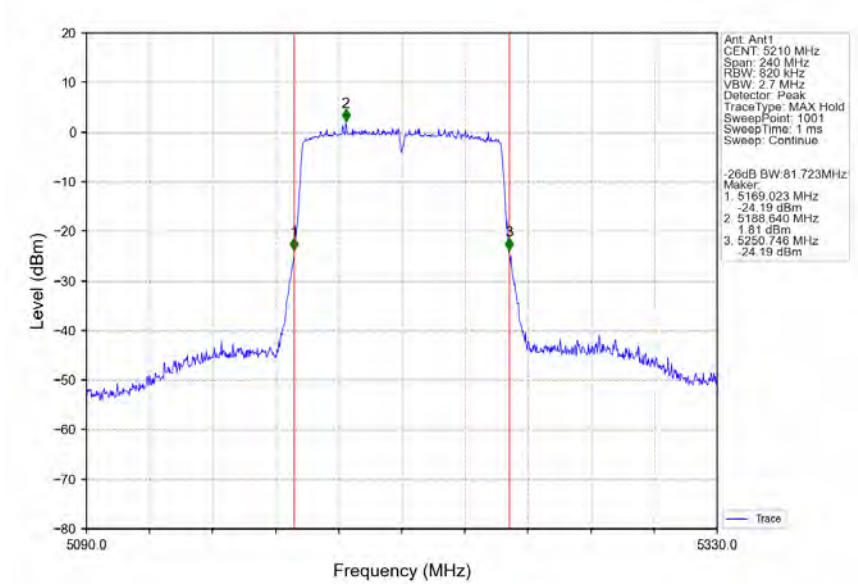
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



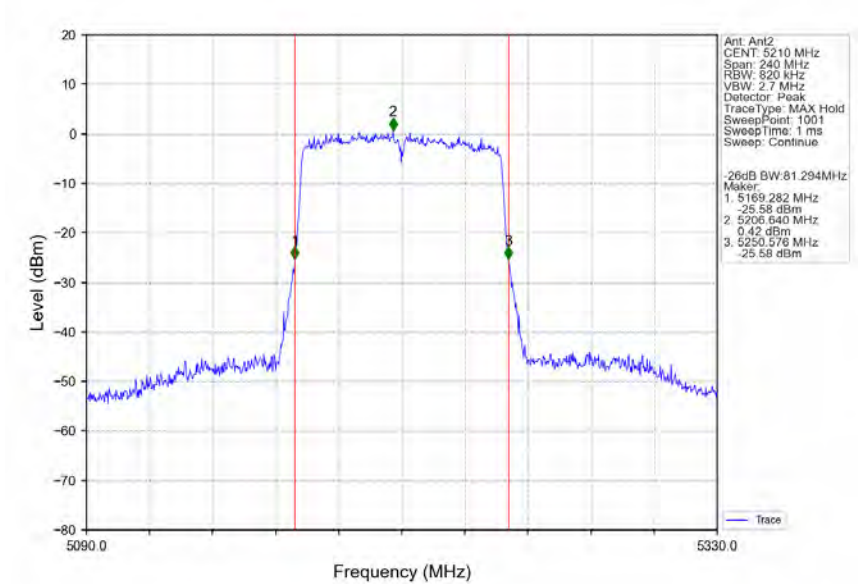
802.11ac(VHT40) HCH 5670MHz Ant2 NTN



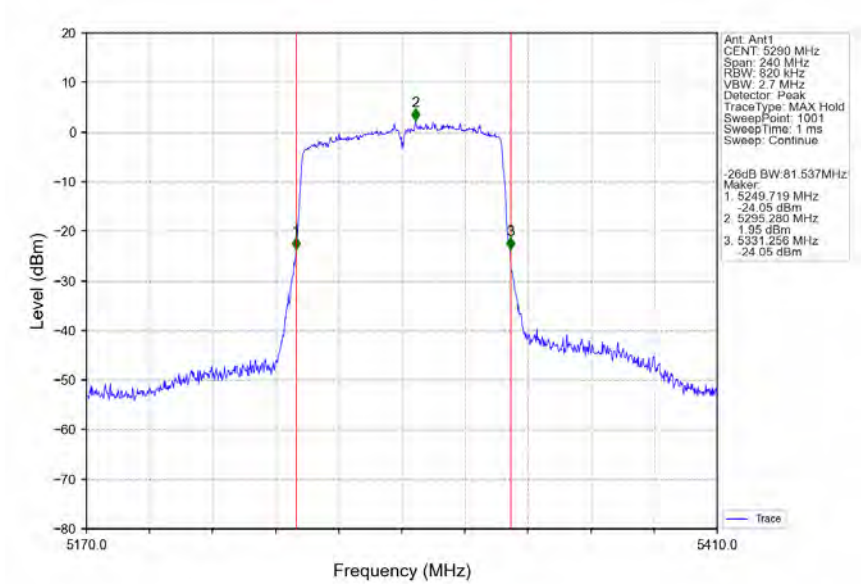
802.11ac(VHT80) MCH_5210MHz_Ant1_NTNV



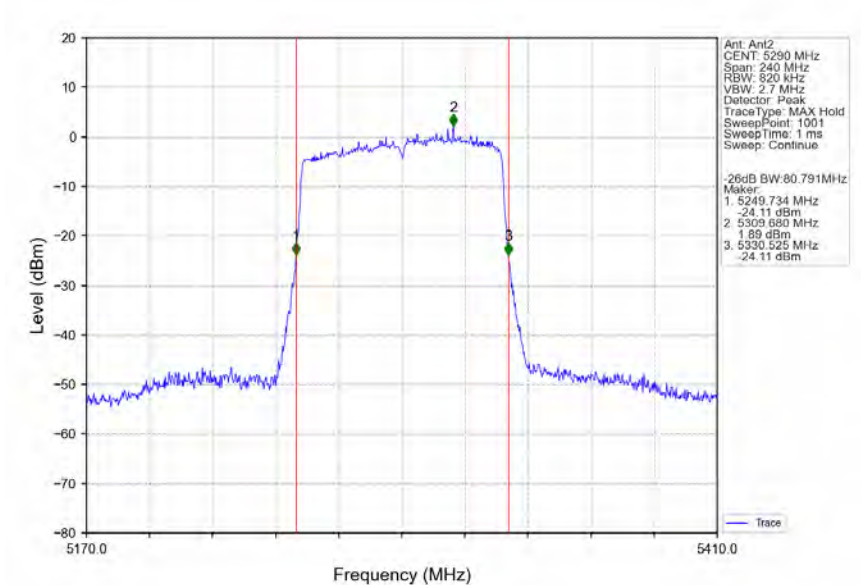
802.11ac(VHT80) MCH_5210MHz_Ant2_NTNV



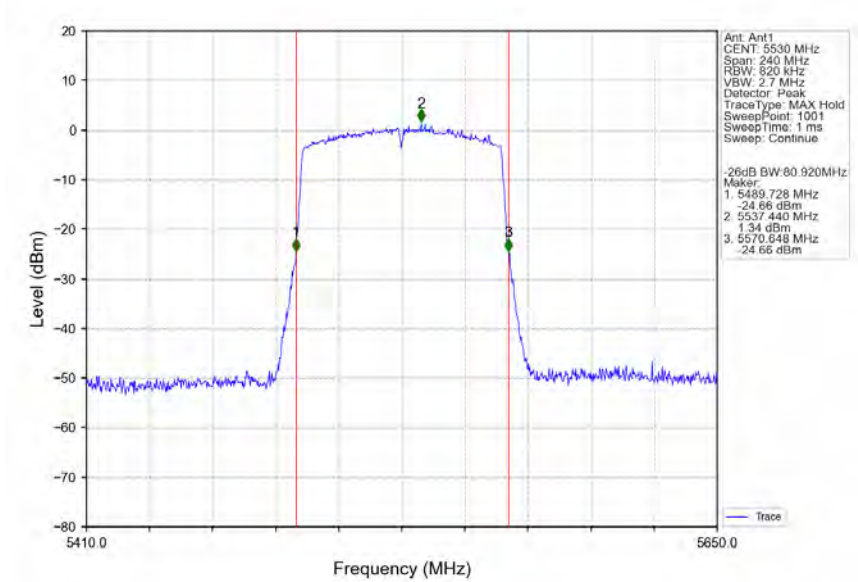
802.11ac(VHT80) MCH 5290MHz Ant1 NTN



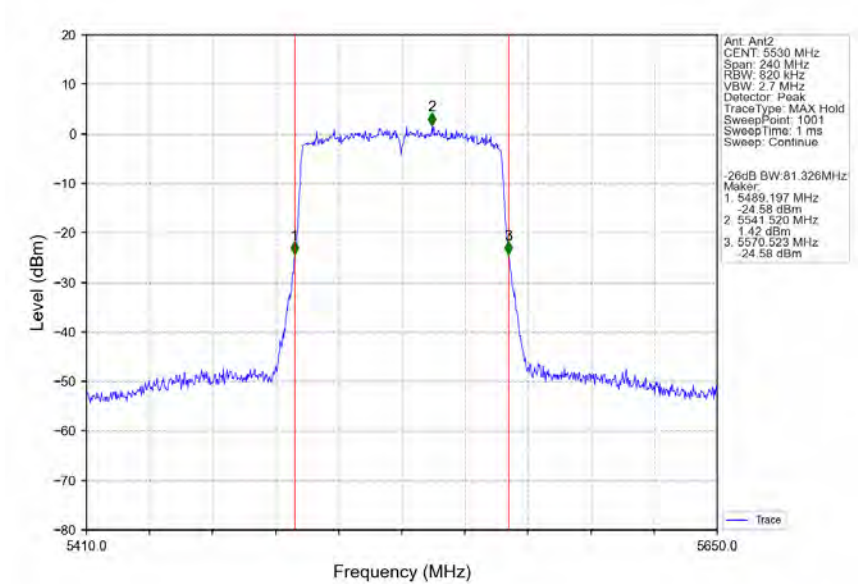
802.11ac(VHT80) MCH 5290MHz Ant2 NTN



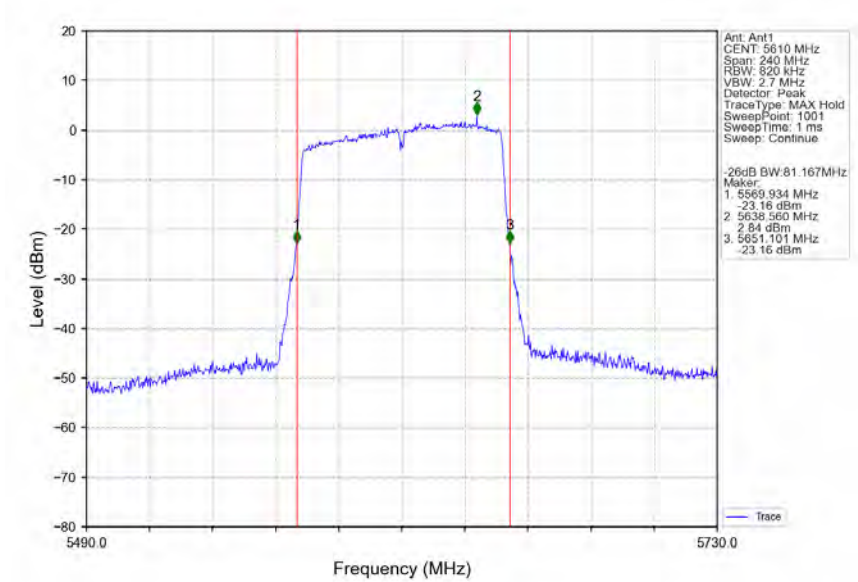
802.11ac(VHT80) LCH 5530MHz Ant1 NTN



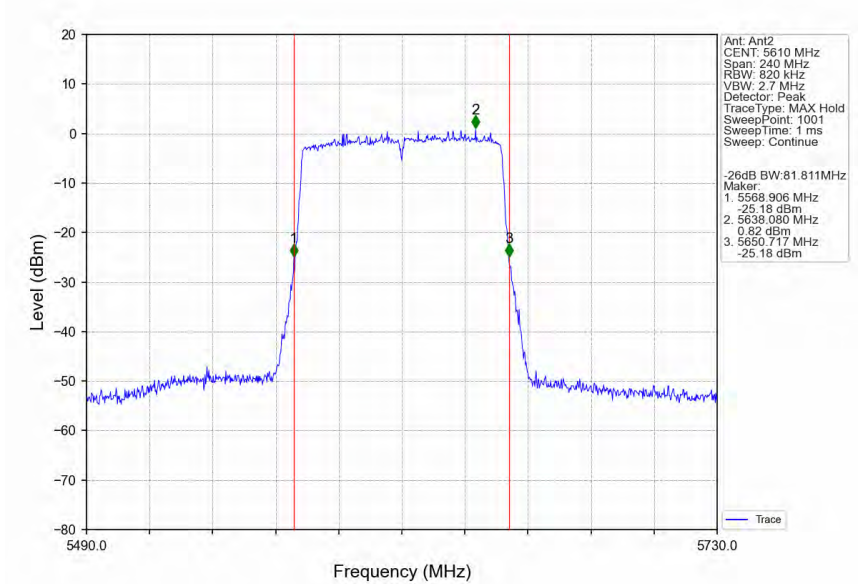
802.11ac(VHT80) LCH 5530MHz Ant2 NTN



802.11ac(VHT80) HCH 5610MHz Ant1 NTN



802.11ac(VHT80) HCH 5610MHz Ant2 NTN



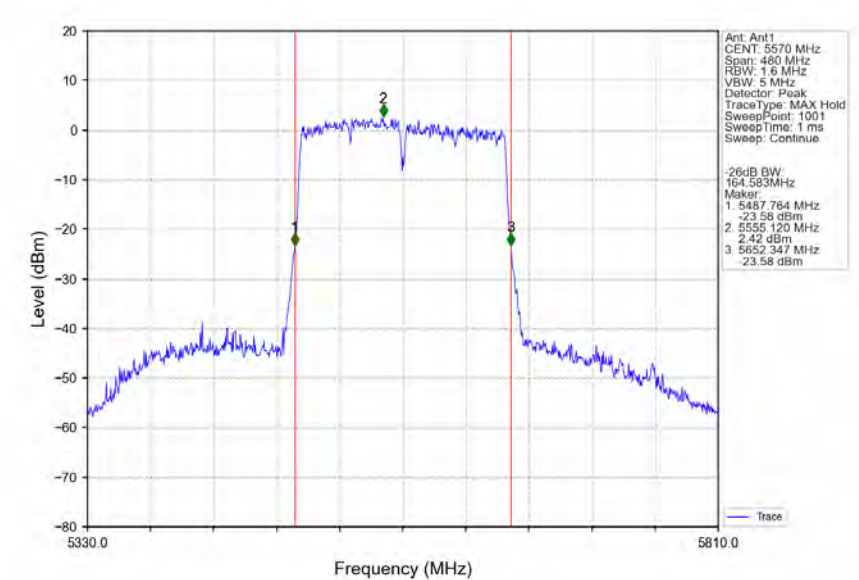
Compliance Certification Services (Kunshan) Inc.

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

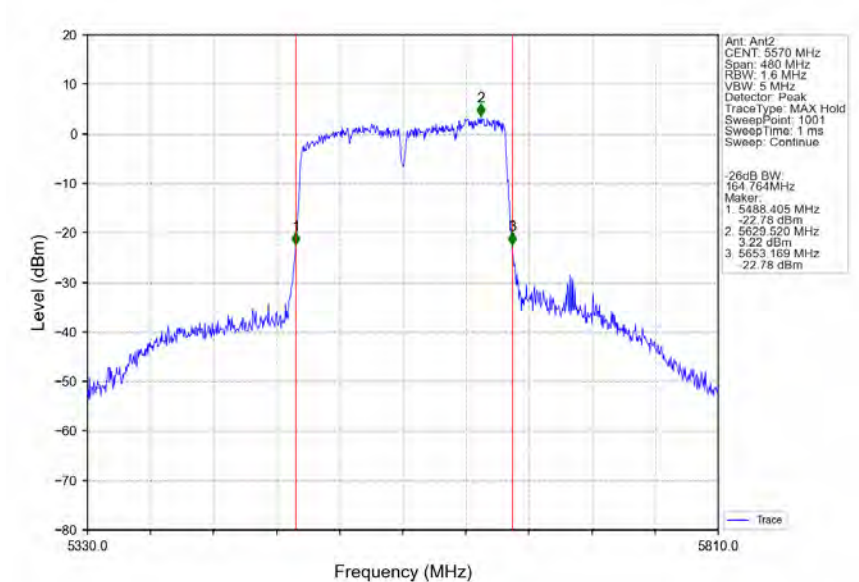
Report No.: KSCR240700123604

Page: 458 of 681

802.11ac(VHT160) MCH 5570MHz Ant1 NTN



802.11ac(VHT160) MCH 5570MHz Ant2 NTN



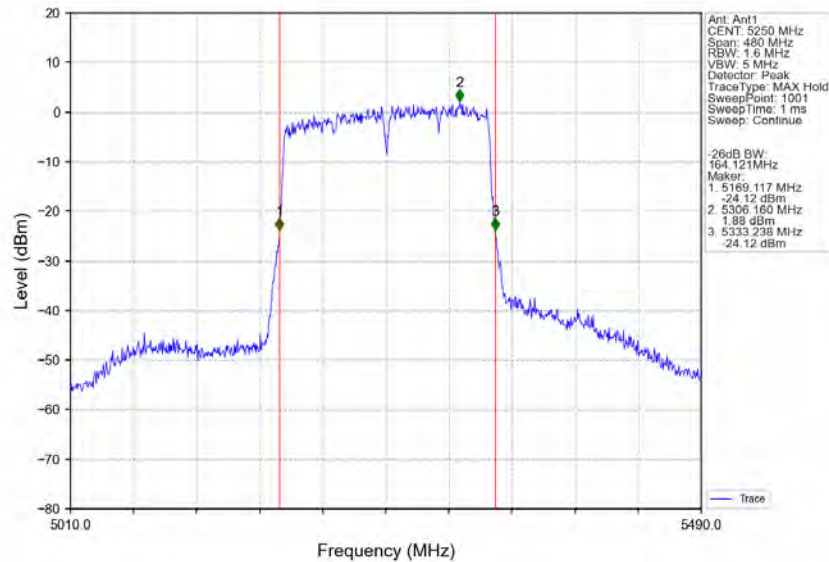
Compliance Certification Services (Kunshan) Inc.

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

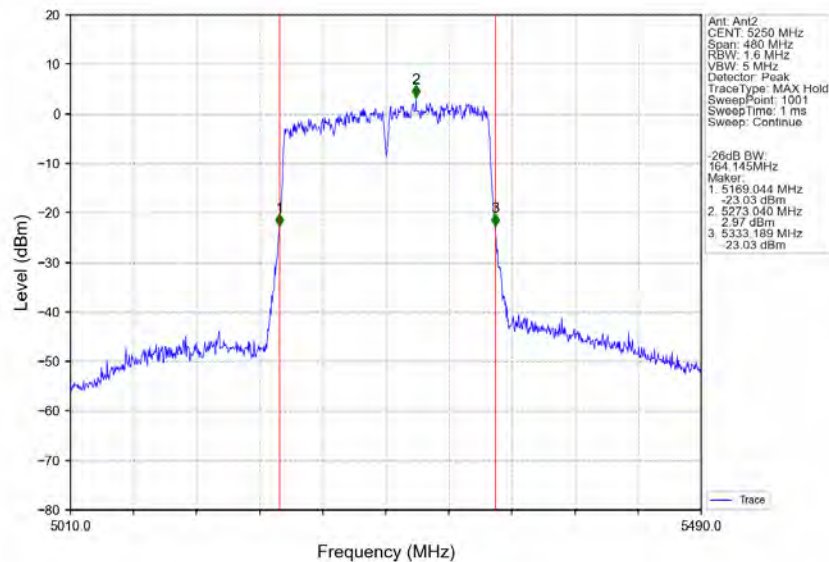
Report No.: KSCR240700123604

Page: 459 of 681

802.11ac(VHT160) MCH 5250MHz Ant1 NTN



802.11ac(VHT160) MCH 5250MHz Ant2 NTN



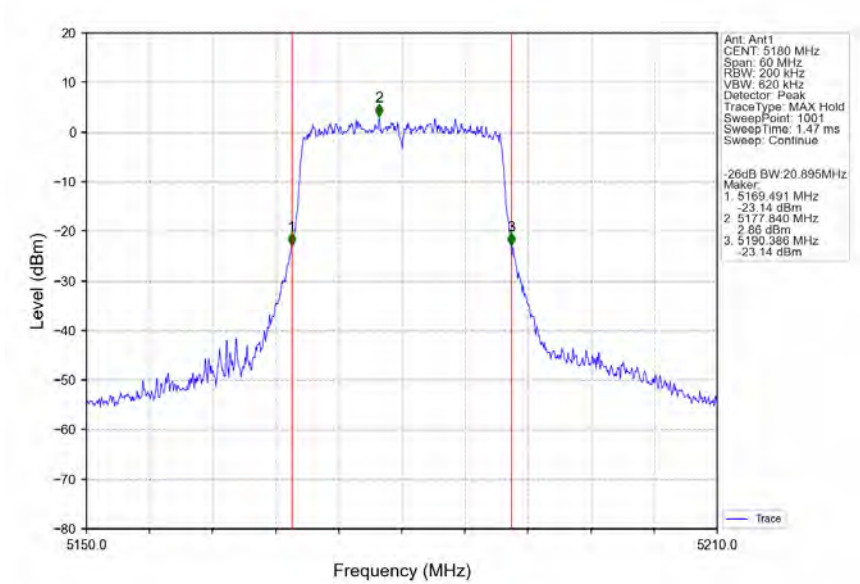
Compliance Certification Services (Kunshan) Inc.

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

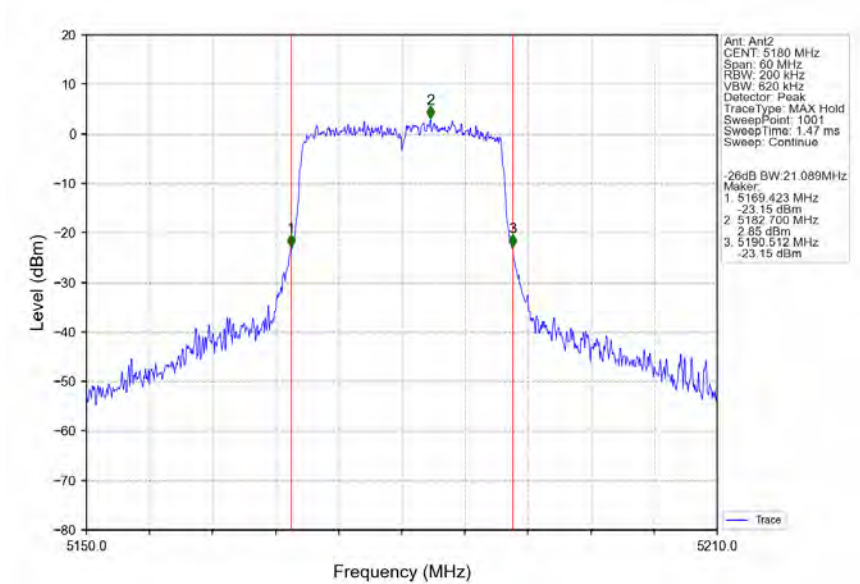
Report No.: KSCR240700123604

Page: 460 of 681

802.11ax(HEW20) LCH 5180MHz RU242 Left Ant1 NTN



802.11ax(HEW20) LCH 5180MHz RU242 Left Ant2 NTN



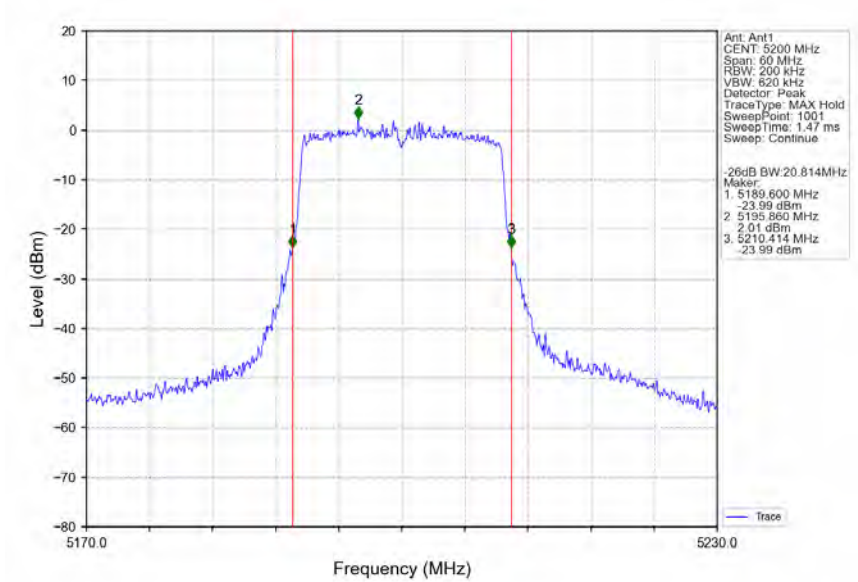
Compliance Certification Services (Kunshan) Inc.

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

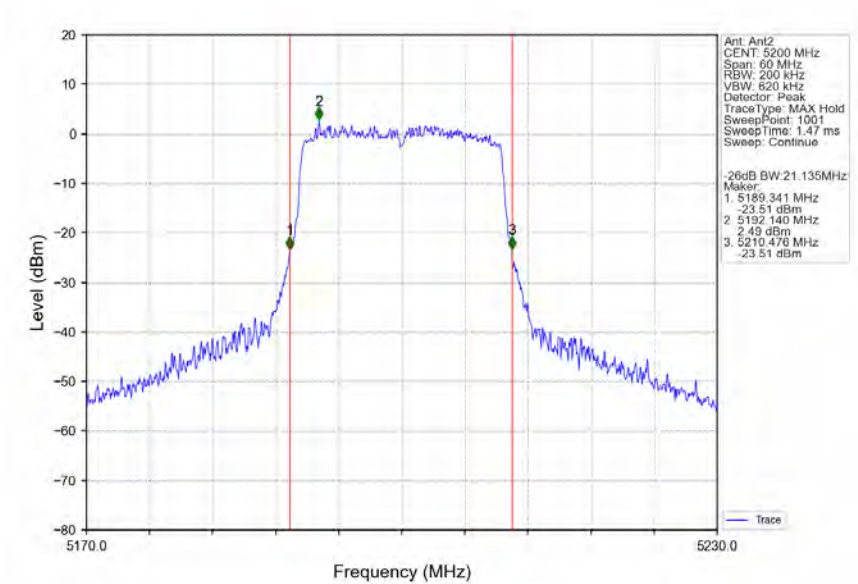
Report No.: KSCR240700123604

Page: 461 of 681

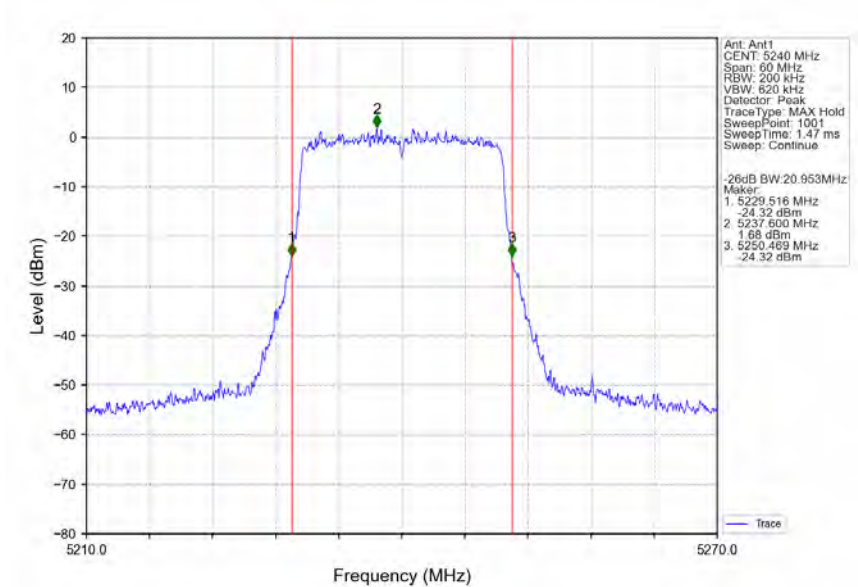
802.11ax(HEW20) MCH_5200MHz RU242 Left Ant1 NTN



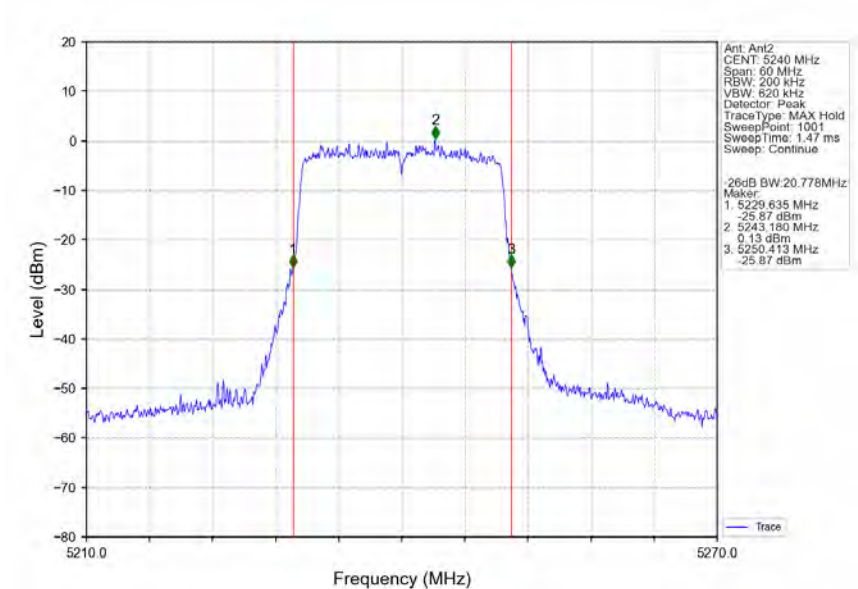
802.11ax(HEW20) MCH_5200MHz RU242 Left Ant2 NTN



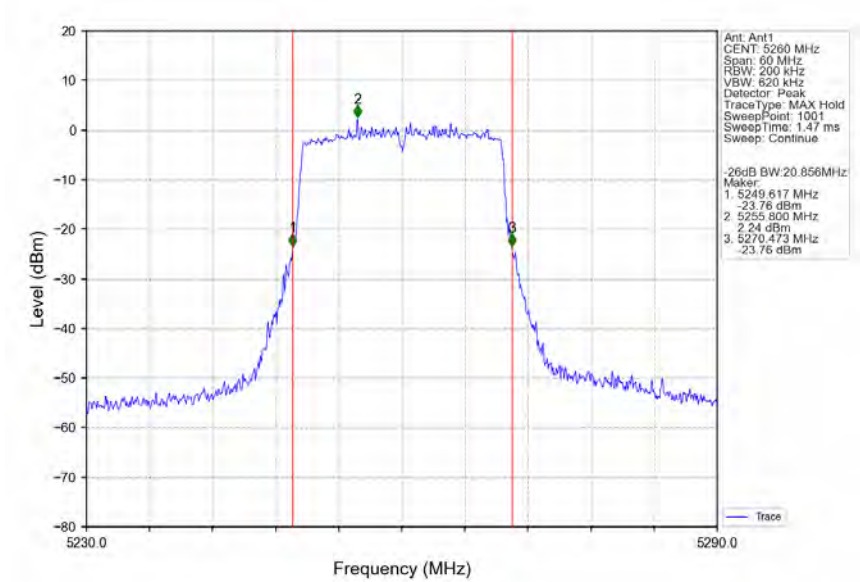
802.11ax(HEW20) HCH 5240MHz RU242 Left Ant1 NTN



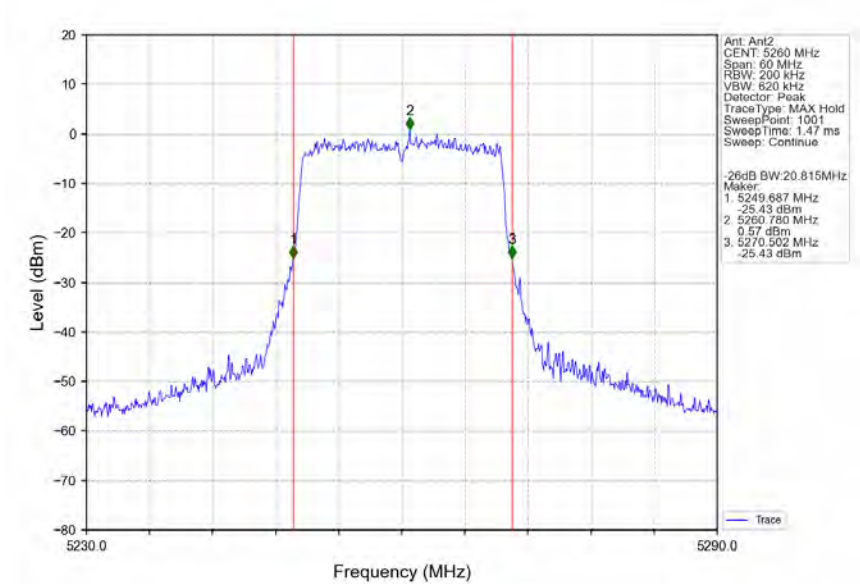
802.11ax(HEW20) HCH 5240MHz RU242 Left Ant2 NTN



802.11ax(HEW20) LCH 5260MHz RU242 Left Ant1 NTN



802.11ax(HEW20) LCH 5260MHz RU242 Left Ant2 NTN



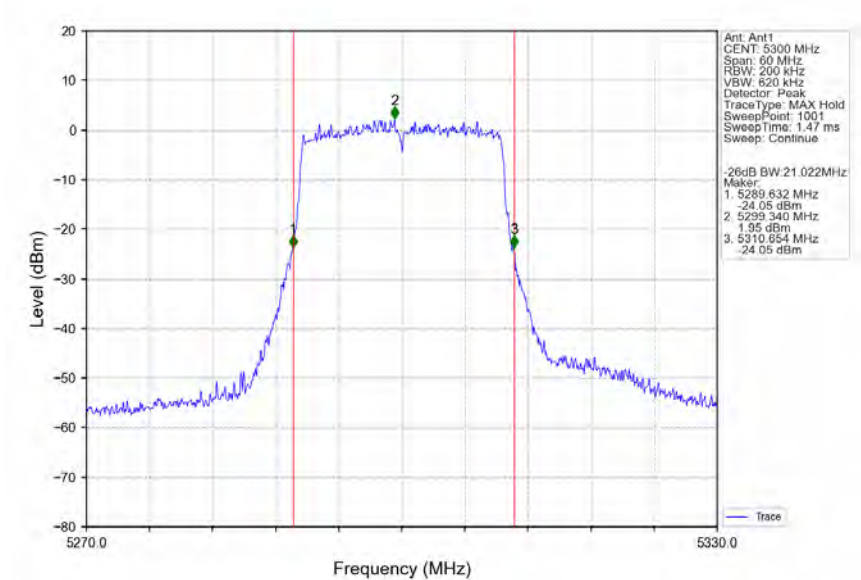
Compliance Certification Services (Kunshan) Inc.

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

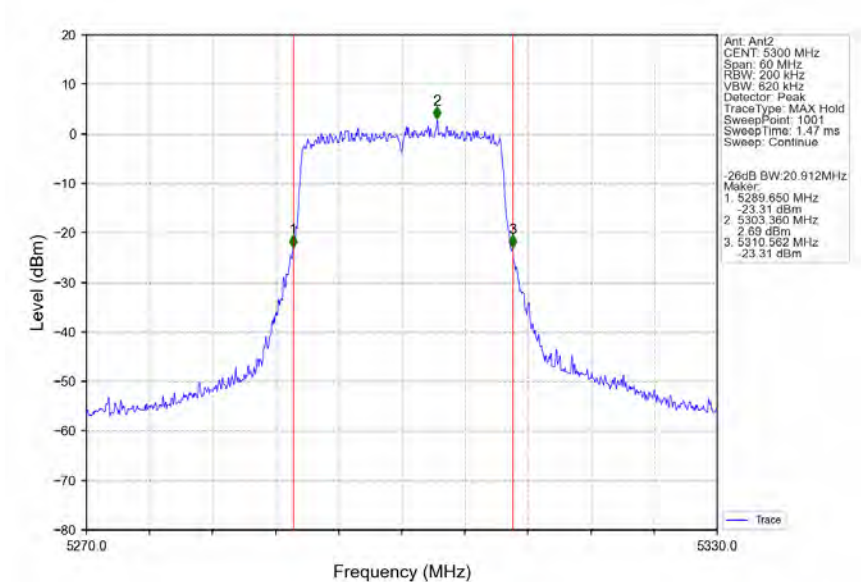
Report No.: KSCR240700123604

Page: 464 of 681

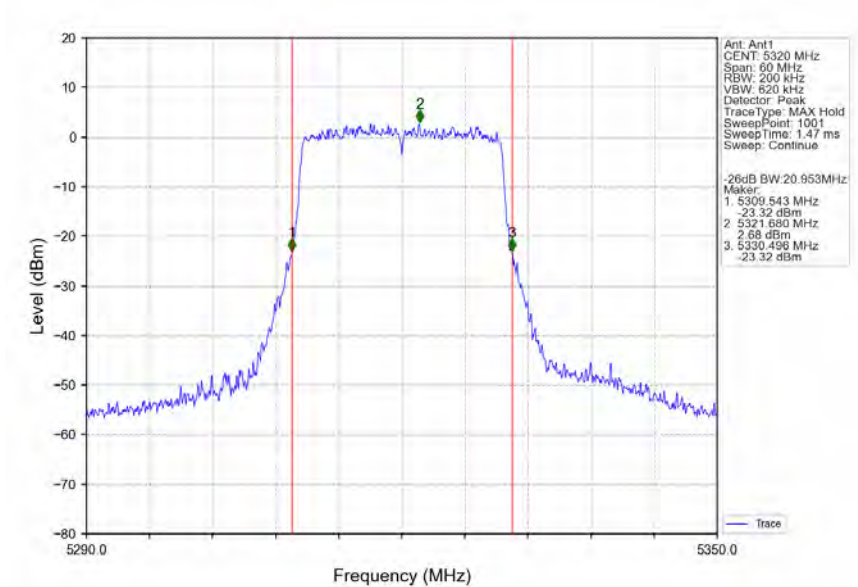
802.11ax(HEW20) MCH_5300MHz RU242 Left Ant1 NTNv



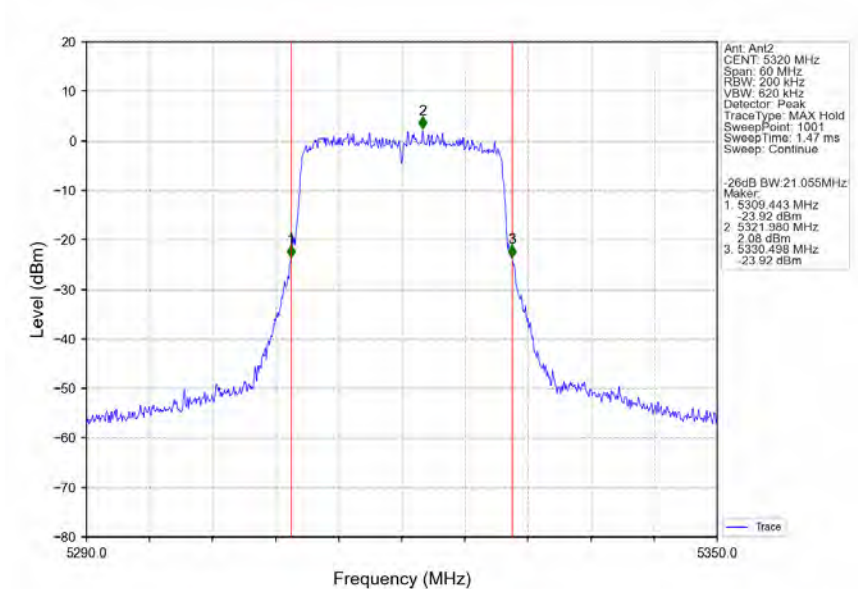
802.11ax(HEW20) MCH_5300MHz RU242 Left Ant2 NTNv

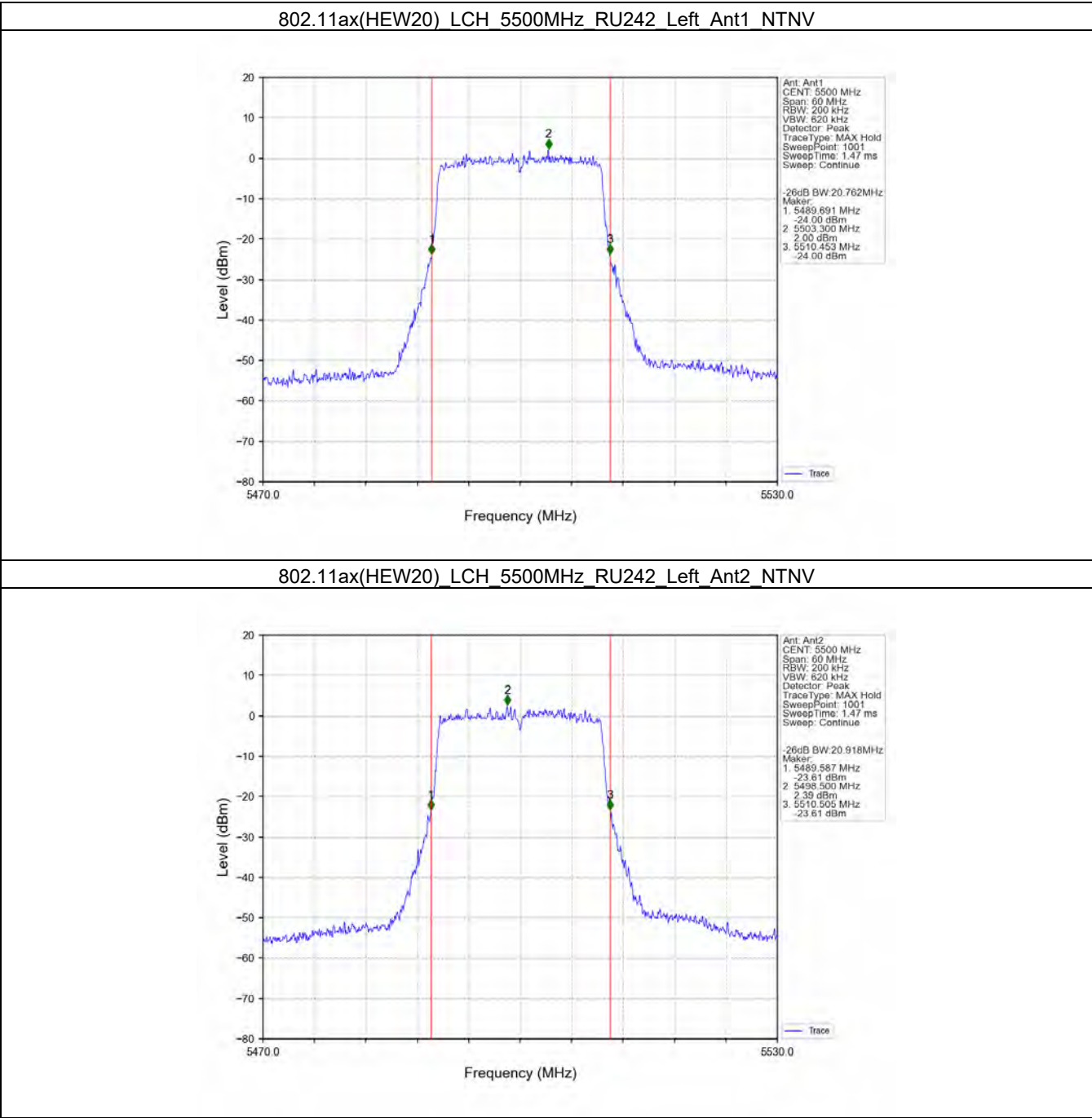


802.11ax(HEW20) HCH 5320MHz RU242 Left Ant1 NTN



802.11ax(HEW20) HCH 5320MHz RU242 Left Ant2 NTN





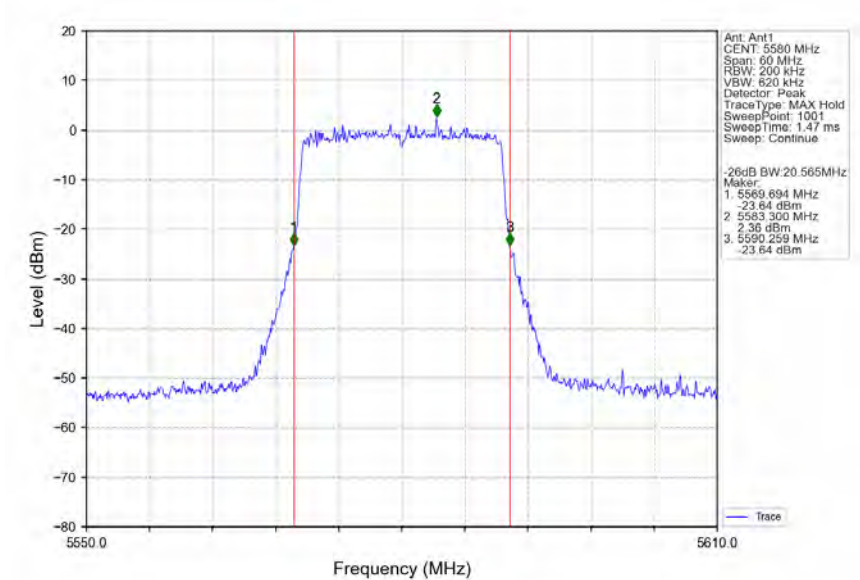
Compliance Certification Services (Kunshan) Inc.

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

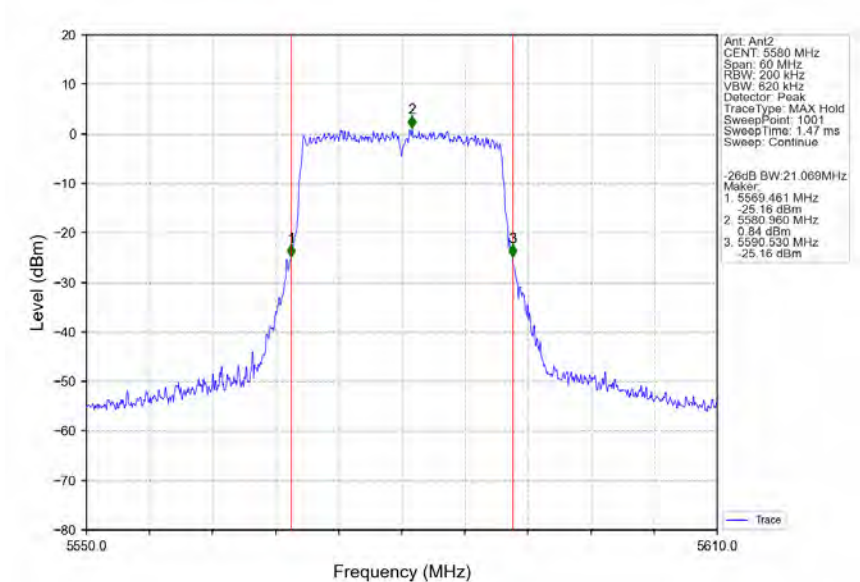
Report No.: KSCR240700123604

Page: 467 of 681

802.11ax(HEW20) MCH_5580MHz RU242 Left Ant1 NTNv



802.11ax(HEW20) MCH_5580MHz RU242 Left Ant2 NTNv



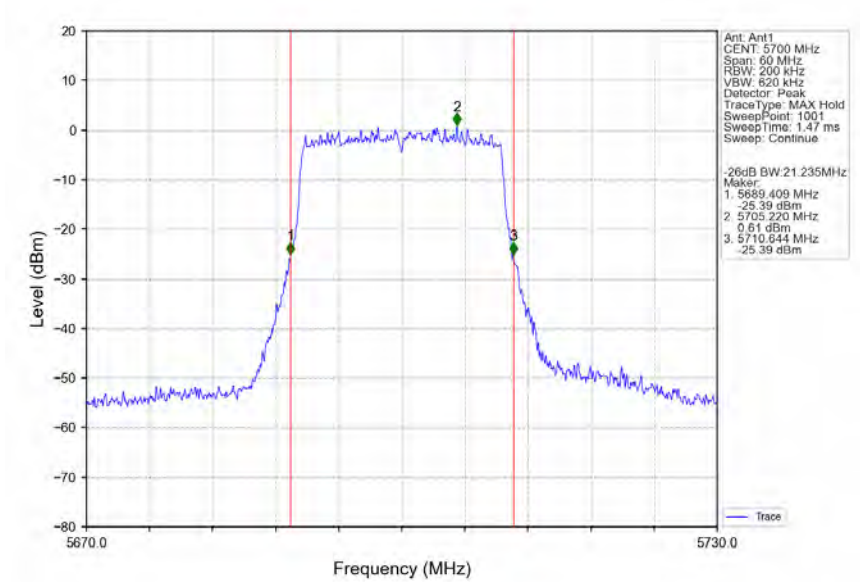
Compliance Certification Services (Kunshan) Inc.

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

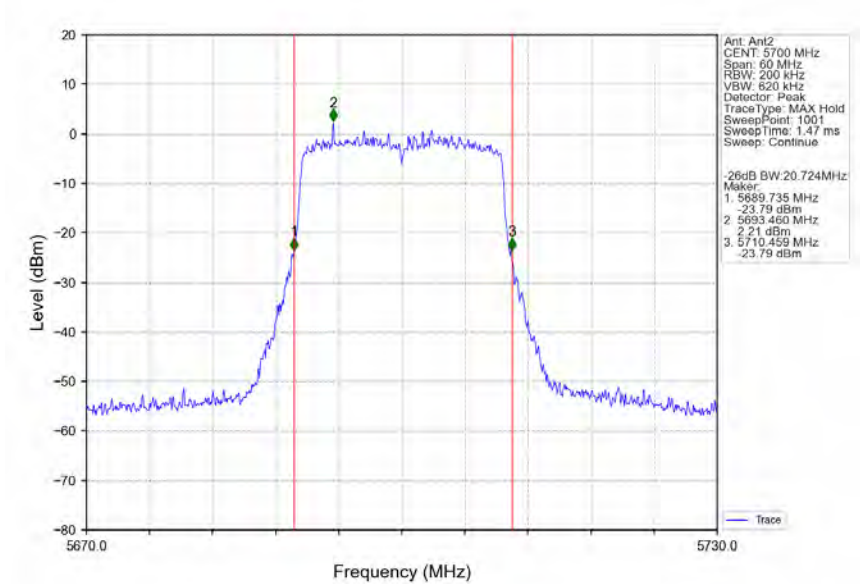
Report No.: KSCR240700123604

Page: 468 of 681

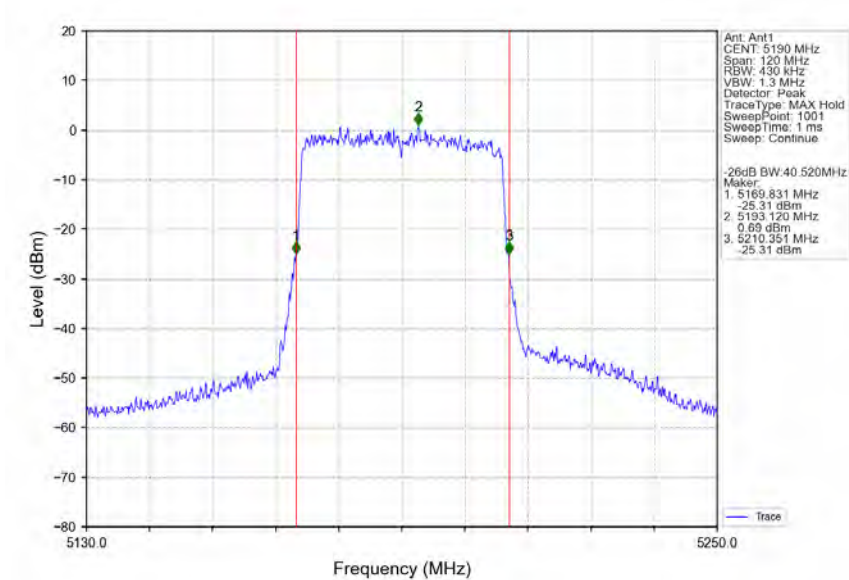
802.11ax(HEW20) HCH 5700MHz RU242 Left Ant1 NTN



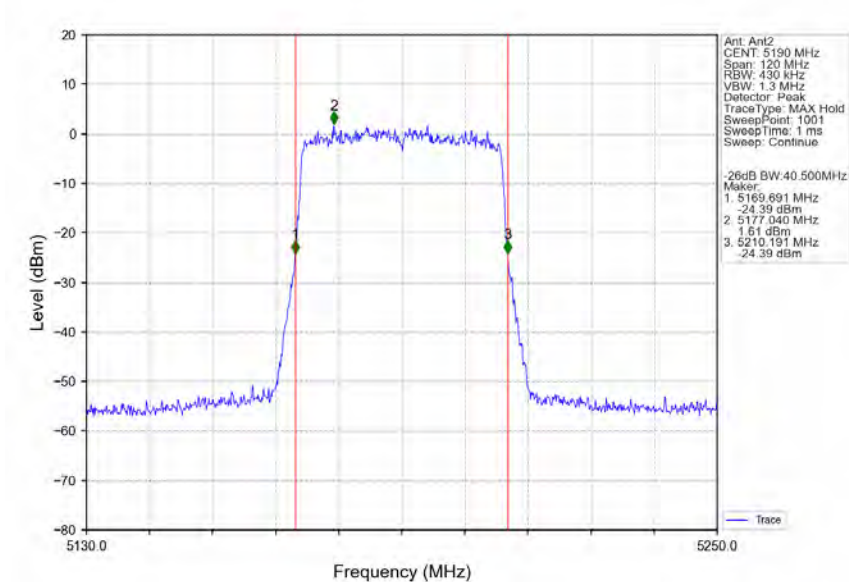
802.11ax(HEW20) HCH 5700MHz RU242 Left Ant2 NTN



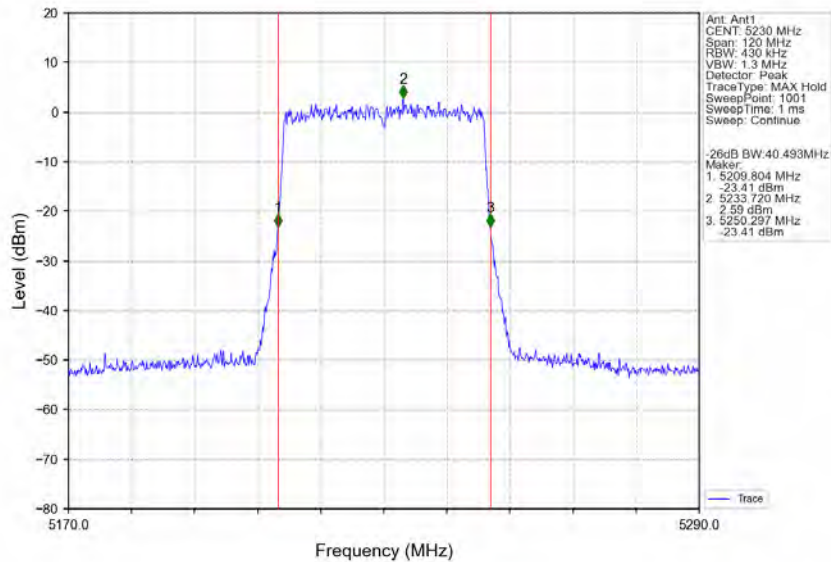
802.11ax(HEW40) LCH 5190MHz RU484 Left Ant1 NTNv



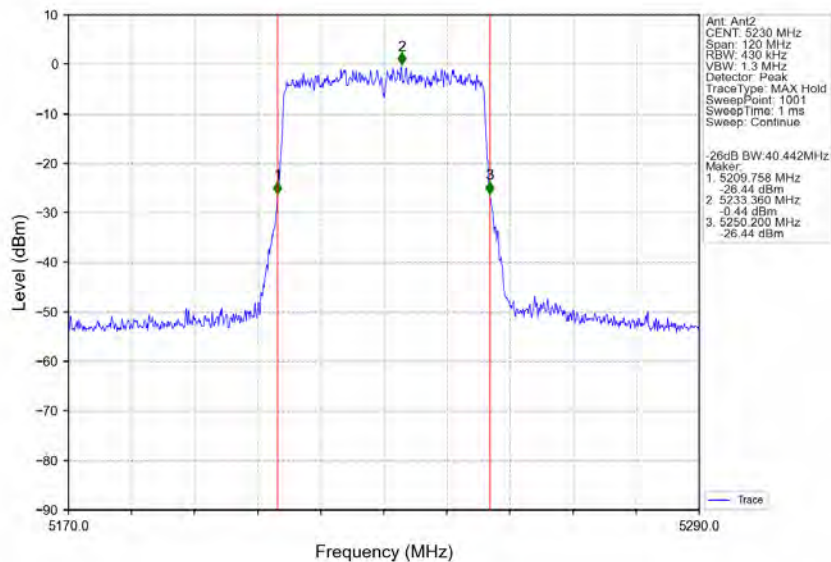
802.11ax(HEW40) LCH 5190MHz RU484 Left Ant2 NTNv



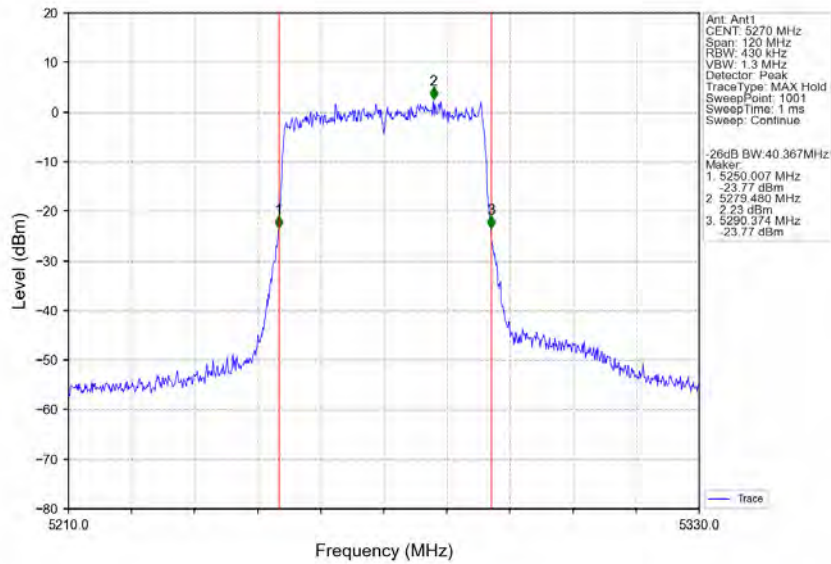
802.11ax(HEW40) HCH 5230MHz RU484 Left Ant1 NTN



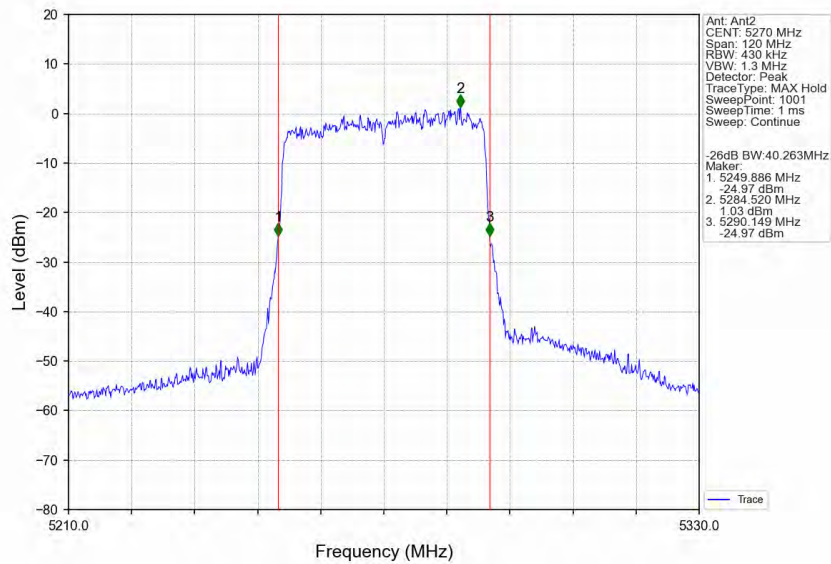
802.11ax(HEW40) HCH 5230MHz RU484 Left Ant2 NTN



802.11ax(HEW40) LCH 5270MHz RU484 Left Ant1 NTN



802.11ax(HEW40) LCH 5270MHz RU484 Left Ant2 NTN



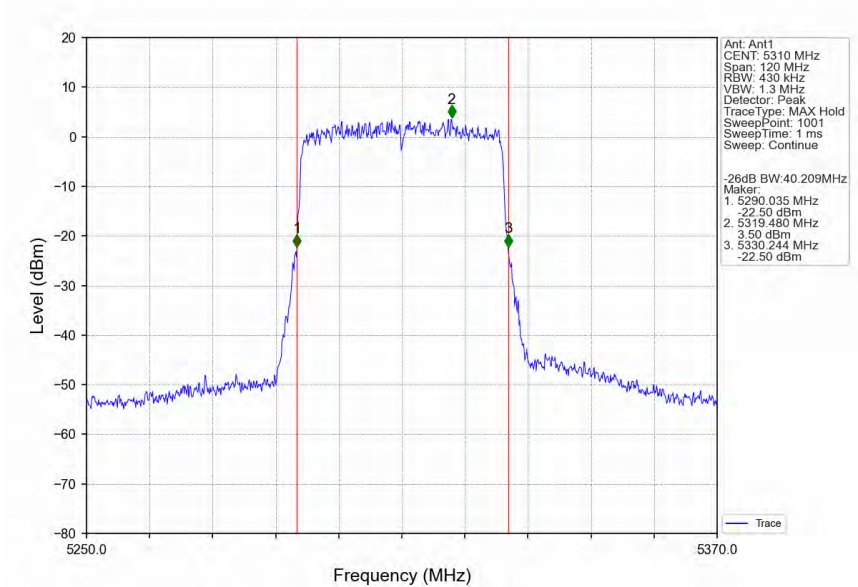
Compliance Certification Services (Kunshan) Inc.

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

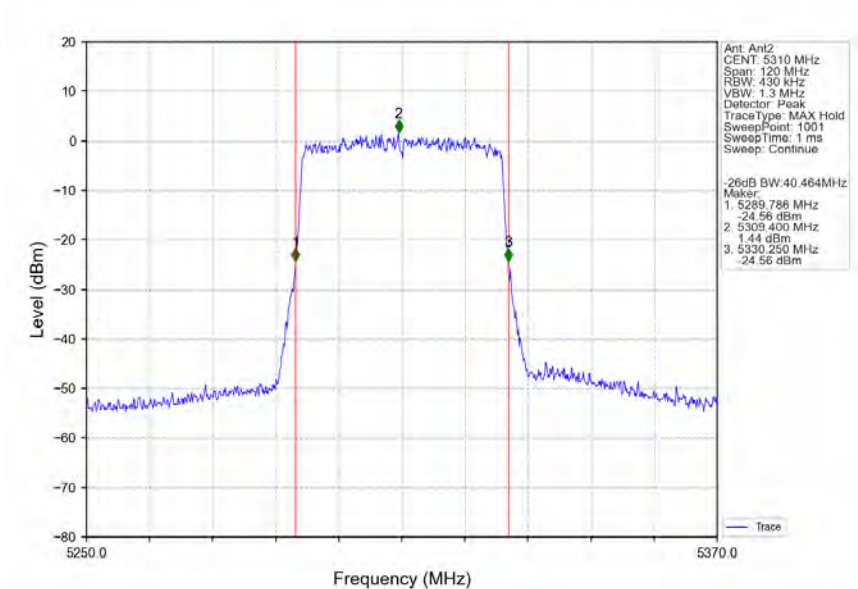
Report No.: KSCR240700123604

Page: 472 of 681

802.11ax(HEW40) HCH 5310MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5310MHz RU484 Left Ant2 NTN



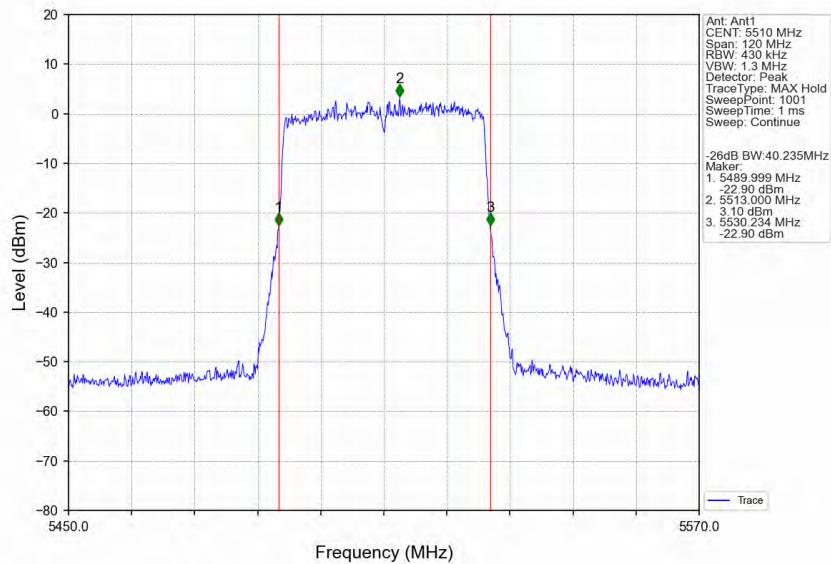
Compliance Certification Services (Kunshan) Inc.

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

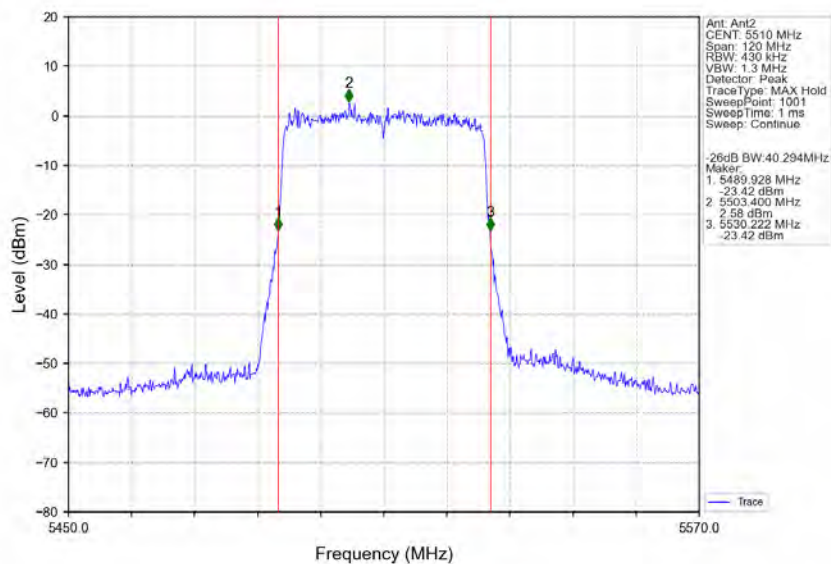
Report No.: KSCR240700123604

Page: 473 of 681

802.11ax(HEW40) LCH 5510MHz RU484 Left Ant1 NTN



802.11ax(HEW40) LCH 5510MHz RU484 Left Ant2 NTN



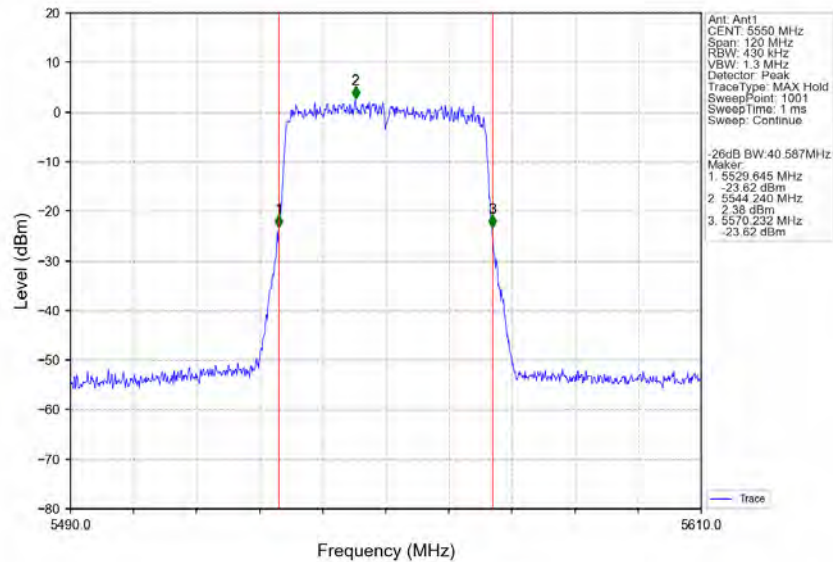
Compliance Certification Services (Kunshan) Inc.

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

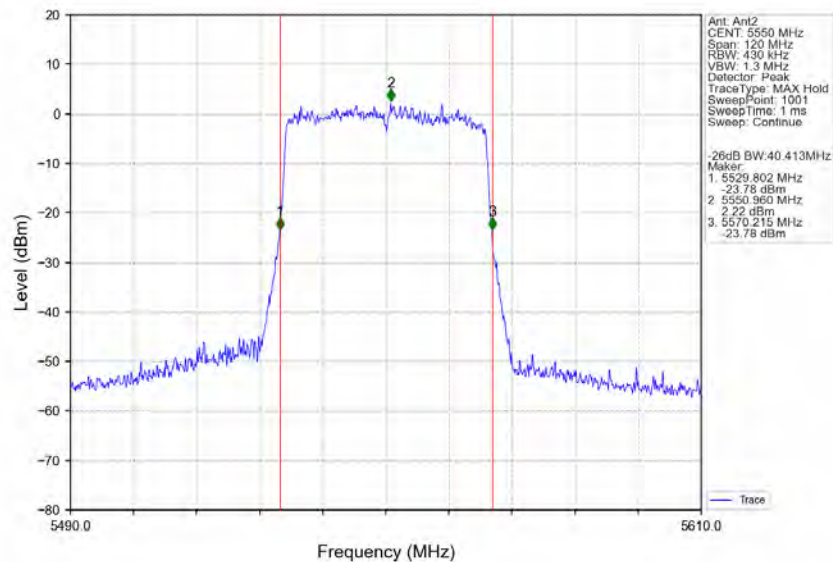
Report No.: KSCR240700123604

Page: 474 of 681

802.11ax(HEW40) MCH_5550MHz RU484 Left Ant1 NTNv



802.11ax(HEW40) MCH_5550MHz RU484 Left Ant2 NTNv



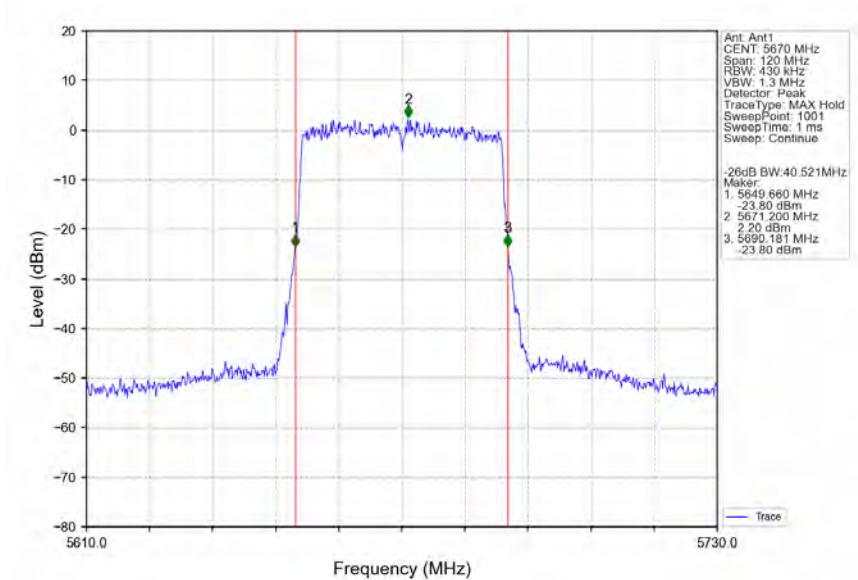
Compliance Certification Services (Kunshan) Inc.

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

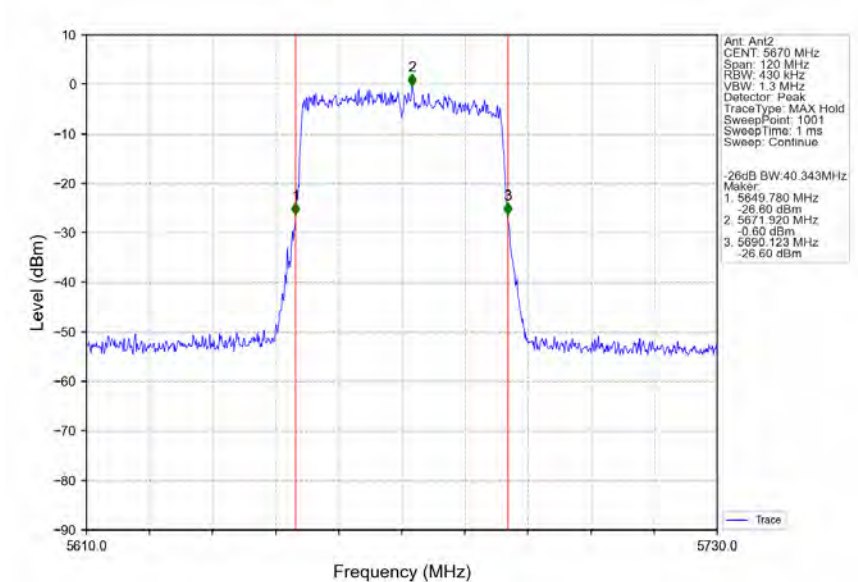
Report No.: KSCR240700123604

Page: 475 of 681

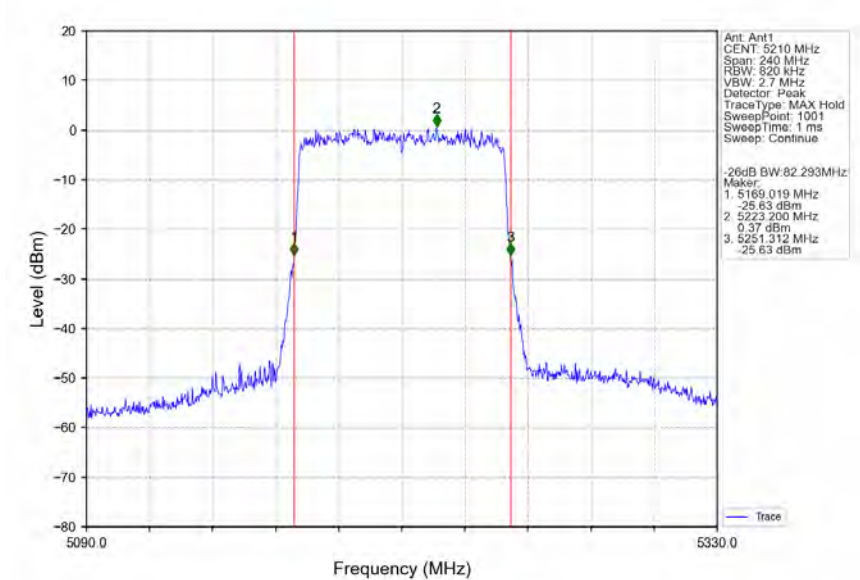
802.11ax(HEW40) HCH 5670MHz RU484 Left Ant1 NTN



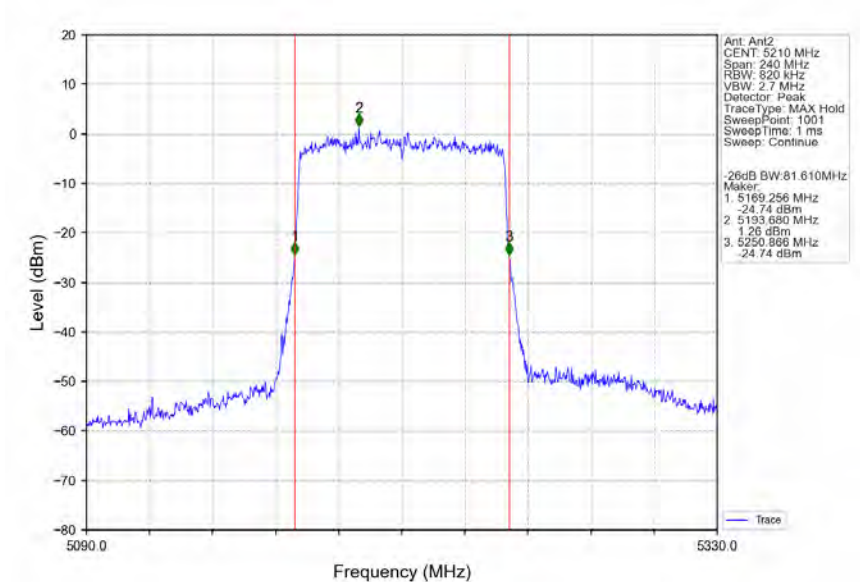
802.11ax(HEW40) HCH 5670MHz RU484 Left Ant2 NTN



802.11ax(HEW80) MCH_5210MHz RU996 Left Ant1 NTNv



802.11ax(HEW80) MCH_5210MHz RU996 Left Ant2 NTNv



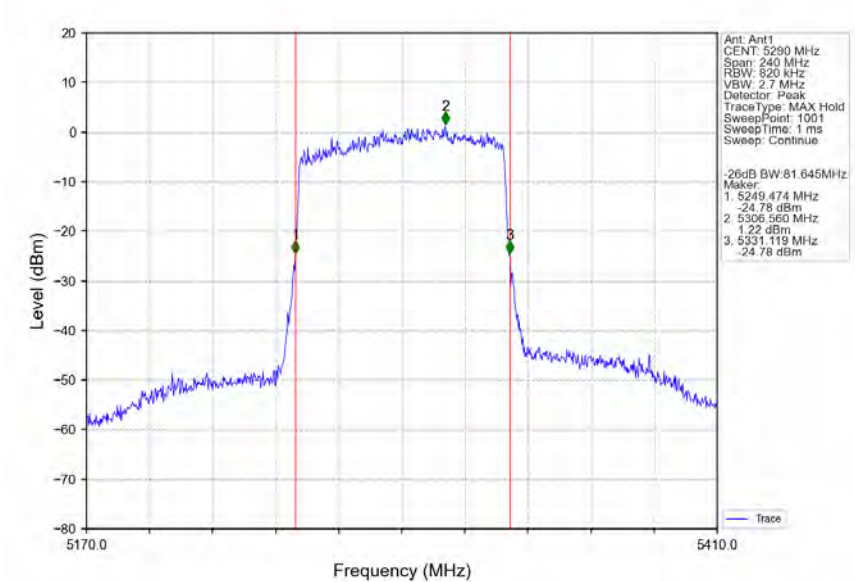
Compliance Certification Services (Kunshan) Inc.

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

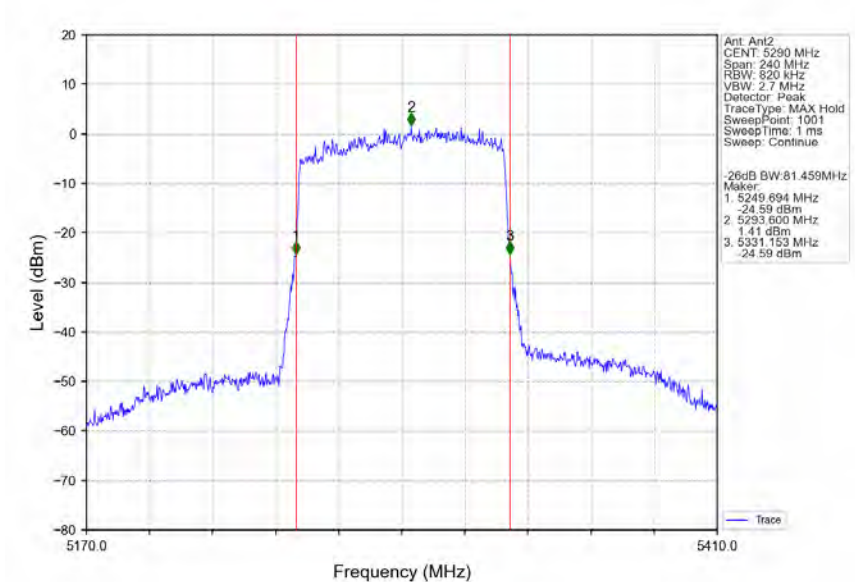
Report No.: KSCR240700123604

Page: 477 of 681

802.11ax(HEW80) MCH_5290MHz RU996 Left Ant1 NTNv



802.11ax(HEW80) MCH_5290MHz RU996 Left Ant2 NTNv

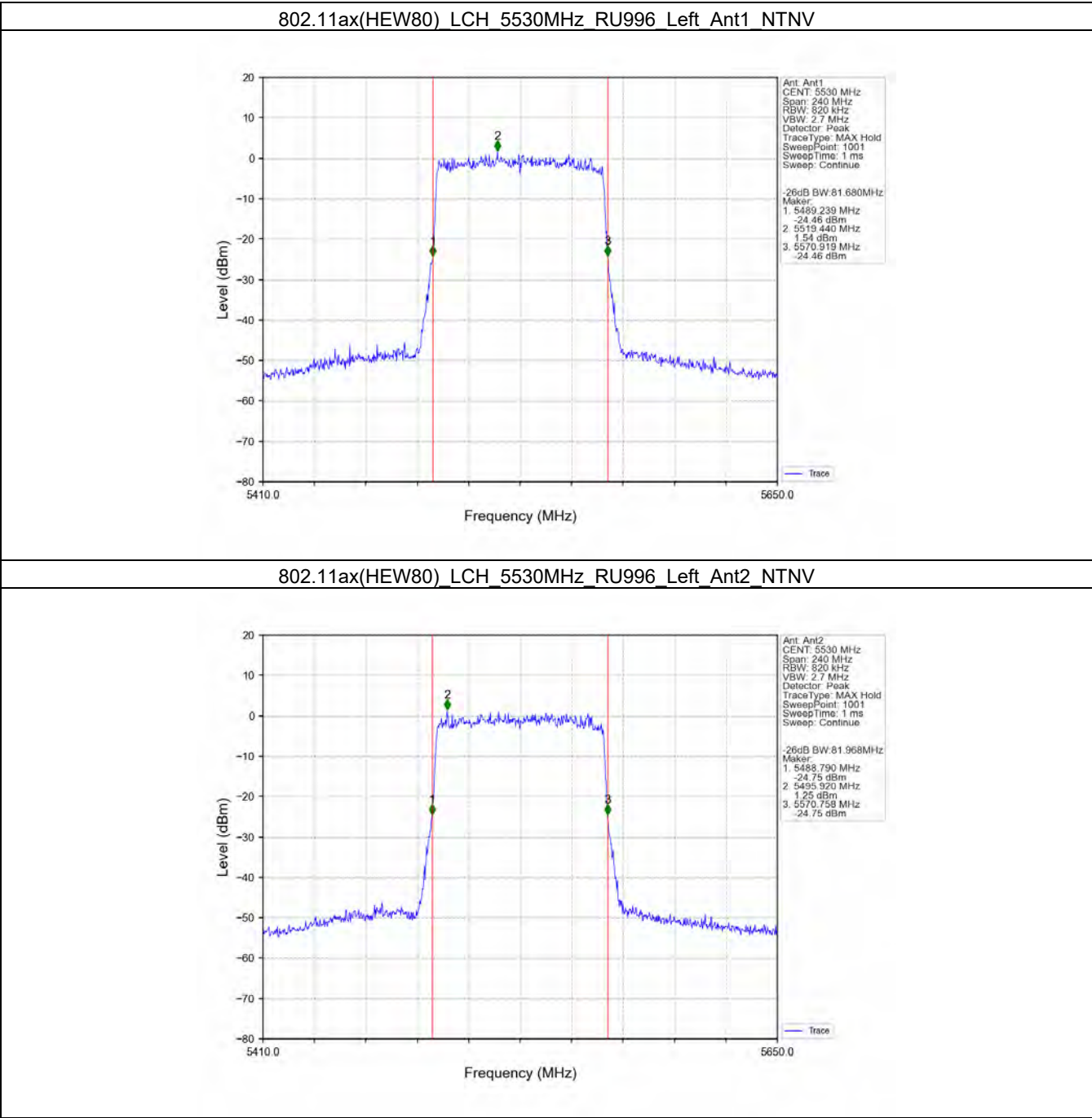


Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700123604

Page: 478 of 681



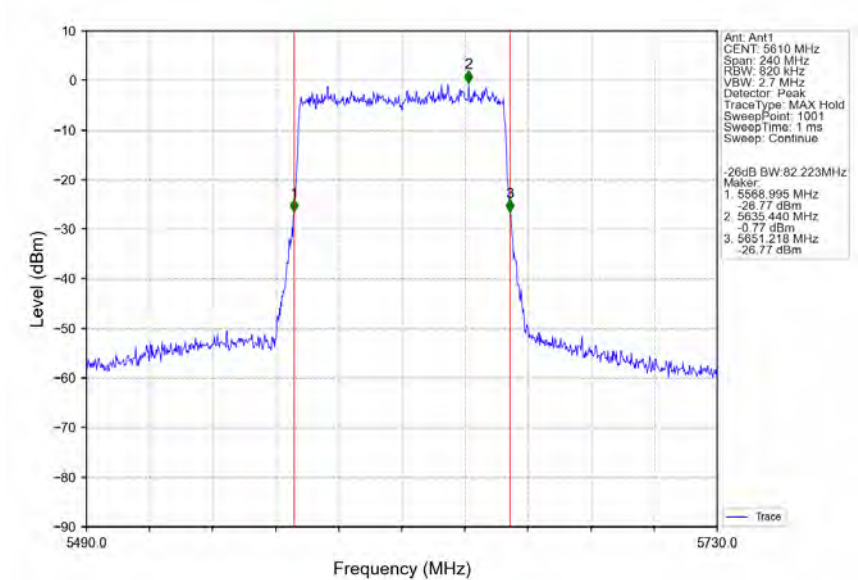
Compliance Certification Services (Kunshan) Inc.

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

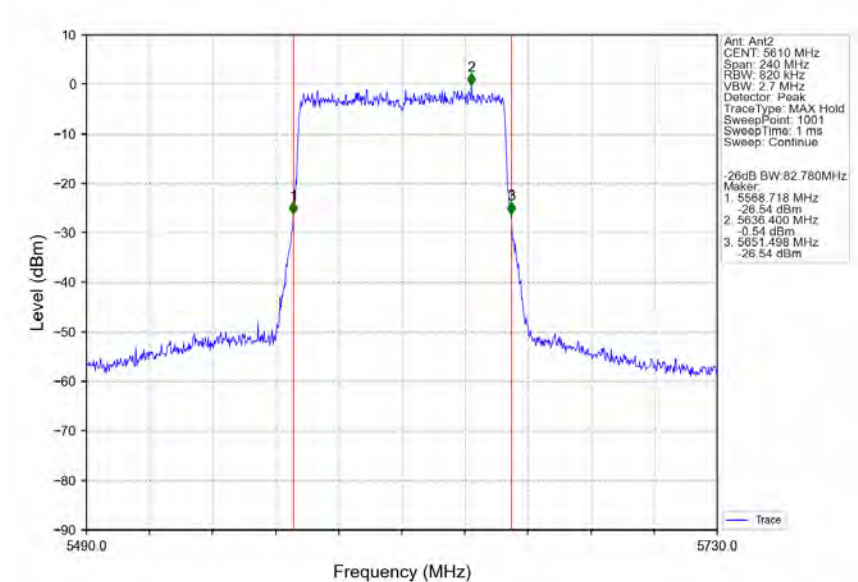
Report No.: KSCR240700123604

Page: 479 of 681

802.11ax(HEW80) HCH 5610MHz RU996 Left Ant1 NTN



802.11ax(HEW80) HCH 5610MHz RU996 Left Ant2 NTN



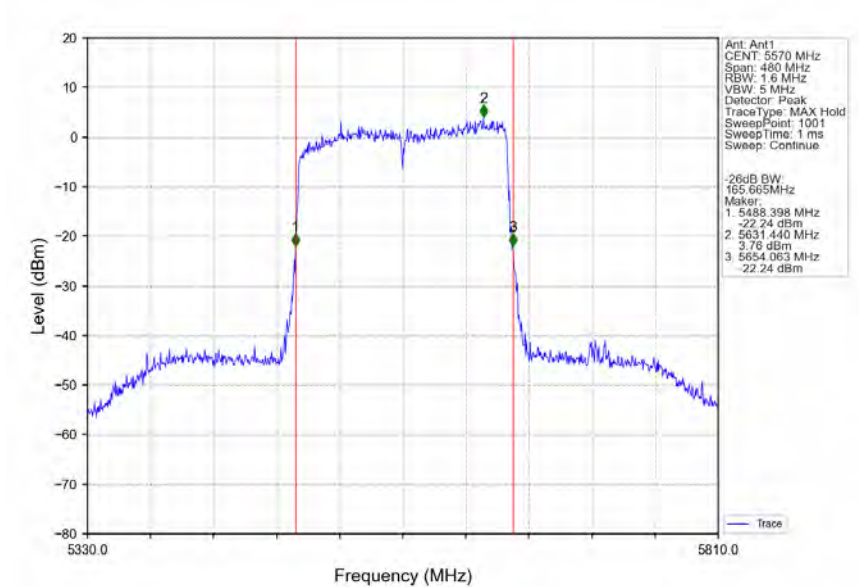
Compliance Certification Services (Kunshan) Inc.

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

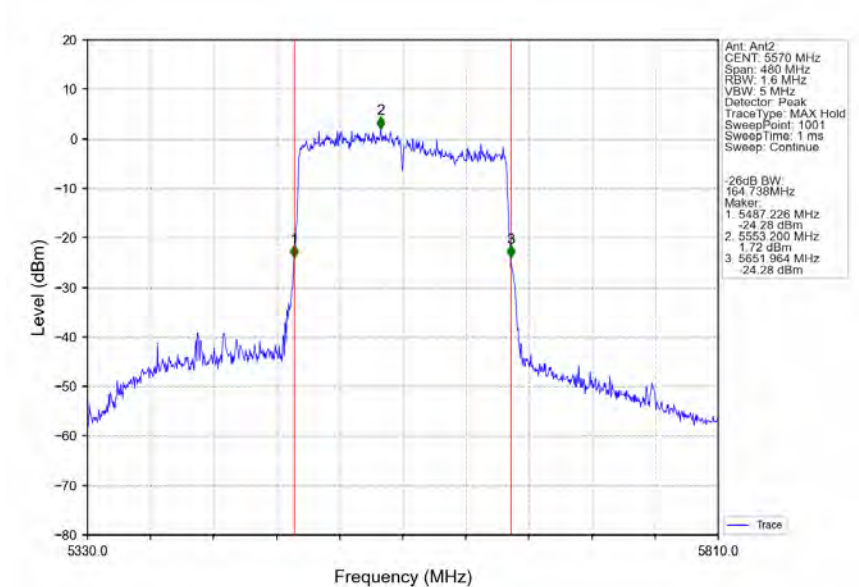
Report No.: KSCR240700123604

Page: 480 of 681

802.11ax(HEW160) MCH 5570MHz 2xRU996 Left Ant1 NTN



802.11ax(HEW160) MCH 5570MHz 2xRU996 Left Ant2 NTN



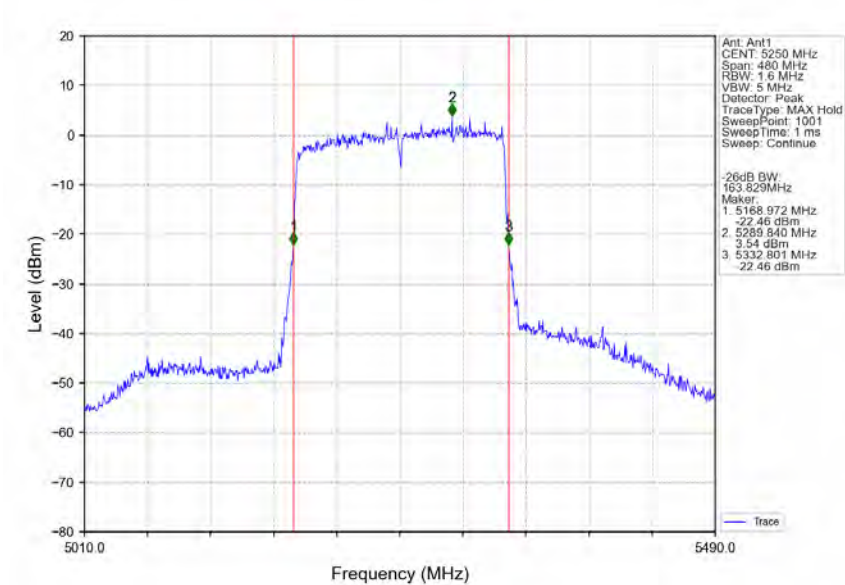
Compliance Certification Services (Kunshan) Inc.

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

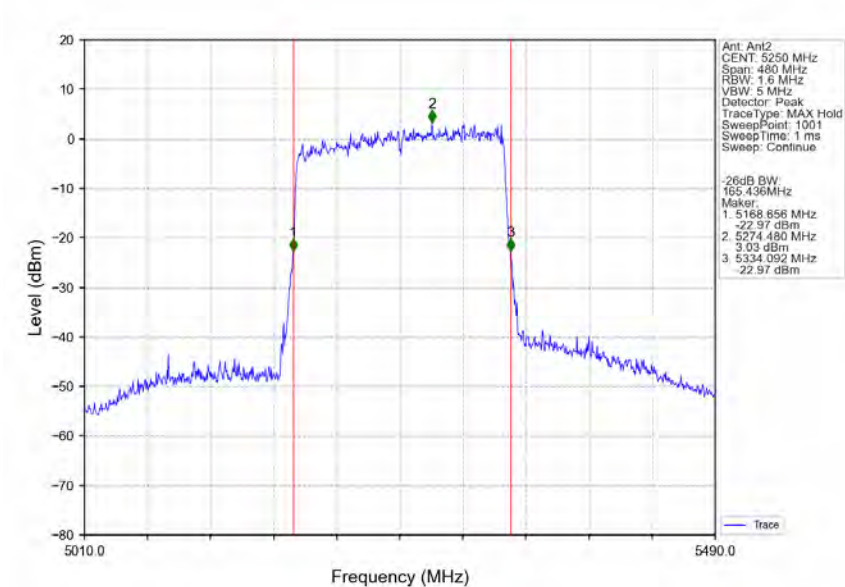
Report No.: KSCR240700123604

Page: 481 of 681

802.11ax(HEW160) MCH 5250MHz 2xRU996 Left Ant1 NTNV



802.11ax(HEW160) MCH 5250MHz 2xRU996 Left Ant2 NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	13.55	13.10	/	<=23.98	Pass
		5200	/	/	13.75	13.58	/	<=23.98	Pass
		5240	/	/	13.20	13.06	/	<=23.98	Pass
		5260	/	/	13.48	13.08	/	<=23.77	Pass
		5300	/	/	13.51	13.33	/	<=23.82	Pass
		5320	/	/	13.22	13.63	/	<=23.75	Pass
		5500	/	/	13.41	13.45	/	<=23.84	Pass
		5580	/	/	13.60	13.21	/	<=23.86	Pass
		5700	/	/	13.52	13.47	/	<=23.8	Pass
		5745	/	/	13.15	13.26	/	<=30	Pass
		5785	/	/	13.70	13.62	/	<=30	Pass
		5825	/	/	13.33	13.53	/	<=30	Pass
802.11ac (VHT20)	MIMO	5180	/	/	9.91	10.17	13.05	<=23.98	Pass
		5200	/	/	9.96	10.19	13.09	<=23.98	Pass
		5240	/	/	11.22	9.61	13.50	<=23.98	Pass
		5260	/	/	10.95	9.37	13.24	<=23.98	Pass
		5300	/	/	11.52	9.98	13.83	<=23.98	Pass
		5320	/	/	11.52	10.25	13.94	<=23.98	Pass
		5500	/	/	11.03	10.42	13.75	<=23.98	Pass
		5580	/	/	11.08	9.31	13.29	<=23.98	Pass
		5700	/	/	10.36	10.24	13.31	<=23.98	Pass
		5745	/	/	10.24	10.38	13.32	<=30	Pass
		5785	/	/	10.56	10.80	13.69	<=30	Pass
		5825	/	/	10.39	10.19	13.30	<=30	Pass
802.11ac (VHT40)	MIMO	5190	/	/	9.73	11.20	13.54	<=23.98	Pass
		5230	/	/	10.70	9.53	13.16	<=23.98	Pass
		5270	/	/	11.70	10.06	13.97	<=23.98	Pass
		5310	/	/	10.98	10.53	13.77	<=23.98	Pass
		5510	/	/	10.78	11.00	13.90	<=23.98	Pass
		5550	/	/	11.22	9.54	13.47	<=23.98	Pass
		5670	/	/	11.25	8.96	13.26	<=23.98	Pass
		5755	/	/	10.39	10.61	13.51	<=30	Pass
802.11ac (VHT80)	MIMO	5795	/	/	10.90	10.42	13.68	<=30	Pass
		5210	/	/	11.13	10.27	13.73	<=23.98	Pass
		5290	/	/	11.08	10.47	13.80	<=23.98	Pass
		5530	/	/	10.67	10.20	13.45	<=23.98	Pass
		5610	/	/	10.96	10.14	13.58	<=23.98	Pass
802.11ac (VHT160)	MIMO	5775	/	/	10.67	10.78	13.74	<=30	Pass
		5570	/	/	10.40	10.60	13.51	<=23.98	Pass
802.11ax	MIMO	5250	/	/	10.11	10.50	13.32	<=23.98	Pass
		5180	RU242	Left	9.90	10.96	13.47	<=23.98	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700123604

Page: 483 of 681

(HEW20)		5200	RU242	Left	10.30	11.02	13.69	<=23.98	Pass
		5240	RU242	Left	10.91	9.64	13.33	<=23.98	Pass
		5260	RU242	Left	10.68	9.42	13.11	<=23.98	Pass
		5300	RU242	Left	11.52	9.76	13.74	<=23.98	Pass
		5320	RU242	Left	11.69	9.97	13.92	<=23.98	Pass
		5500	RU242	Left	10.53	9.98	13.27	<=23.98	Pass
		5580	RU242	Left	11.29	9.21	13.38	<=23.98	Pass
		5700	RU242	Left	10.90	9.29	13.18	<=23.98	Pass
		5745	RU242	Left	11.13	10.16	13.68	<=30	Pass
		5785	RU242	Left	11.48	9.76	13.71	<=30	Pass
802.11ax (HEW40)	MIMO	5825	RU242	Left	11.15	10.62	13.90	<=30	Pass
		5190	RU484	Left	10.72	9.40	13.12	<=23.98	Pass
		5230	RU484	Left	11.55	8.53	13.31	<=23.98	Pass
		5270	RU484	Left	11.68	7.88	13.19	<=23.98	Pass
		5310	RU484	Left	11.49	8.68	13.32	<=23.98	Pass
		5510	RU484	Left	10.95	9.75	13.40	<=23.98	Pass
		5550	RU484	Left	11.07	9.62	13.42	<=23.98	Pass
		5670	RU484	Left	11.88	8.69	13.58	<=23.98	Pass
802.11ax (HEW80)	MIMO	5755	RU484	Left	11.50	9.33	13.56	<=30	Pass
		5795	RU484	Left	11.72	8.19	13.31	<=30	Pass
		5210	RU996	Left	11.30	9.96	13.69	<=23.98	Pass
		5290	RU996	Left	11.43	9.97	13.77	<=23.98	Pass
		5530	RU996	Left	10.82	9.90	13.39	<=23.98	Pass
802.11ax (HEW160)	MIMO	5610	RU996	Left	11.08	8.97	13.16	<=23.98	Pass
		5775	RU996	Left	10.55	10.36	13.47	<=30	Pass
		5570	2xRU996	Left	10.94	9.59	13.33	<=23.98	Pass
		5250	2xRU996	Left	10.28	10.38	13.34	<=23.98	Pass

Note1: Antenna Gain: Ant1: 3.30dBi; Ant2: 3.30dBi;
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

3.1.2 EIRP For IC

Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	16.85	16.40	/	<=22.26	Pass
		5200	/	/	17.05	16.88	/	<=22.27	Pass
		5240	/	/	16.50	16.36	/	<=22.27	Pass
		5260	/	/	16.28	15.88	/	<=29.26	Pass
		5300	/	/	16.31	16.13	/	<=29.25	Pass
		5320	/	/	16.02	16.43	/	<=29.27	Pass
		5500	/	/	14.81	14.85	/	<=29.27	Pass
		5580	/	/	15.00	14.61	/	<=29.27	Pass
		5700	/	/	14.92	14.87	/	<=29.27	Pass
		5745	/	/	15.55	15.66	/	/	Pass
		5785	/	/	16.10	16.02	/	/	Pass
		5825	/	/	15.73	15.93	/	/	Pass
802.11ac (VHT20)	MIMO	5180	/	/	13.21	13.47	16.35	<=22.53	Pass
		5200	/	/	13.26	13.49	16.39	<=22.53	Pass
		5240	/	/	14.52	12.91	16.80	<=22.54	Pass
		5260	/	/	13.75	12.17	16.04	<=29.53	Pass
		5300	/	/	14.32	12.78	16.63	<=29.53	Pass
		5320	/	/	14.32	13.05	16.74	<=29.54	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700123604

Page: 484 of 681

		5500	/	/	12.43	11.82	15.15	<=29.53	Pass
		5580	/	/	12.48	10.71	14.69	<=29.54	Pass
		5700	/	/	11.76	11.64	14.71	<=29.54	Pass
		5745	/	/	12.64	12.78	15.72	/	Pass
		5785	/	/	12.96	13.20	16.09	/	Pass
		5825	/	/	12.79	12.59	15.70	/	Pass
802.11ac (VHT40)	MIMO	5190	/	/	13.03	14.50	16.84	<=23.01	Pass
		5230	/	/	14.00	12.83	16.46	<=23.01	Pass
		5270	/	/	14.50	12.86	16.77	<=30	Pass
		5310	/	/	13.78	13.33	16.57	<=30	Pass
		5510	/	/	12.18	12.40	15.30	<=30	Pass
		5550	/	/	12.62	10.94	14.87	<=30	Pass
		5670	/	/	12.65	10.36	14.66	<=30	Pass
		5755	/	/	12.79	13.01	15.91	/	Pass
802.11ac (VHT80)	MIMO	5795	/	/	13.30	12.82	16.08	/	Pass
		5210	/	/	14.43	13.57	17.03	<=23.01	Pass
		5290	/	/	13.88	13.27	16.60	<=30	Pass
		5530	/	/	12.07	11.60	14.85	<=30	Pass
802.11ac (VHT160)	MIMO	5775	/	/	13.07	13.18	16.14	/	Pass
802.11ax (HEW20)	MIMO	5250	/	/	10.11	10.50	13.32	<=23.01	Pass
		5180	RU242	Left	13.20	14.26	16.77	<=22.8	Pass
		5200	RU242	Left	13.60	14.32	16.99	<=22.8	Pass
		5240	RU242	Left	14.21	12.94	16.63	<=22.81	Pass
		5260	RU242	Left	13.48	12.22	15.91	<=29.82	Pass
		5300	RU242	Left	14.32	12.56	16.54	<=29.81	Pass
		5320	RU242	Left	14.49	12.77	16.72	<=29.8	Pass
		5500	RU242	Left	11.93	11.38	14.67	<=29.8	Pass
		5580	RU242	Left	12.69	10.61	14.78	<=29.82	Pass
		5700	RU242	Left	12.30	10.69	14.58	<=29.81	Pass
		5745	RU242	Left	13.53	12.56	16.08	/	Pass
802.11ax (HEW40)	MIMO	5785	RU242	Left	13.88	12.16	16.11	/	Pass
		5825	RU242	Left	13.55	13.02	16.30	/	Pass
		5190	RU484	Left	14.02	12.70	16.42	<=23.01	Pass
		5230	RU484	Left	14.85	11.83	16.61	<=23.01	Pass
		5270	RU484	Left	14.48	10.68	15.99	<=30	Pass
		5310	RU484	Left	14.29	11.48	16.12	<=30	Pass
		5510	RU484	Left	12.35	11.15	14.80	<=30	Pass
		5550	RU484	Left	12.47	11.02	14.82	<=30	Pass
802.11ax (HEW80)	MIMO	5670	RU484	Left	13.28	10.09	14.98	<=30	Pass
		5755	RU484	Left	13.90	11.73	15.96	/	Pass
		5795	RU484	Left	14.12	10.59	15.71	/	Pass
		5210	RU996	Left	14.60	13.26	16.99	<=23.01	Pass
802.11ax (HEW160)	MIMO	5290	RU996	Left	14.23	12.77	16.57	<=30	Pass
		5530	RU996	Left	12.22	11.30	14.79	<=30	Pass
		5775	RU996	Left	12.95	12.76	15.87	/	Pass
802.11ax (HEW160)	MIMO	5250	2xRU996	Left	10.28	10.38	13.34	<=23.01	Pass

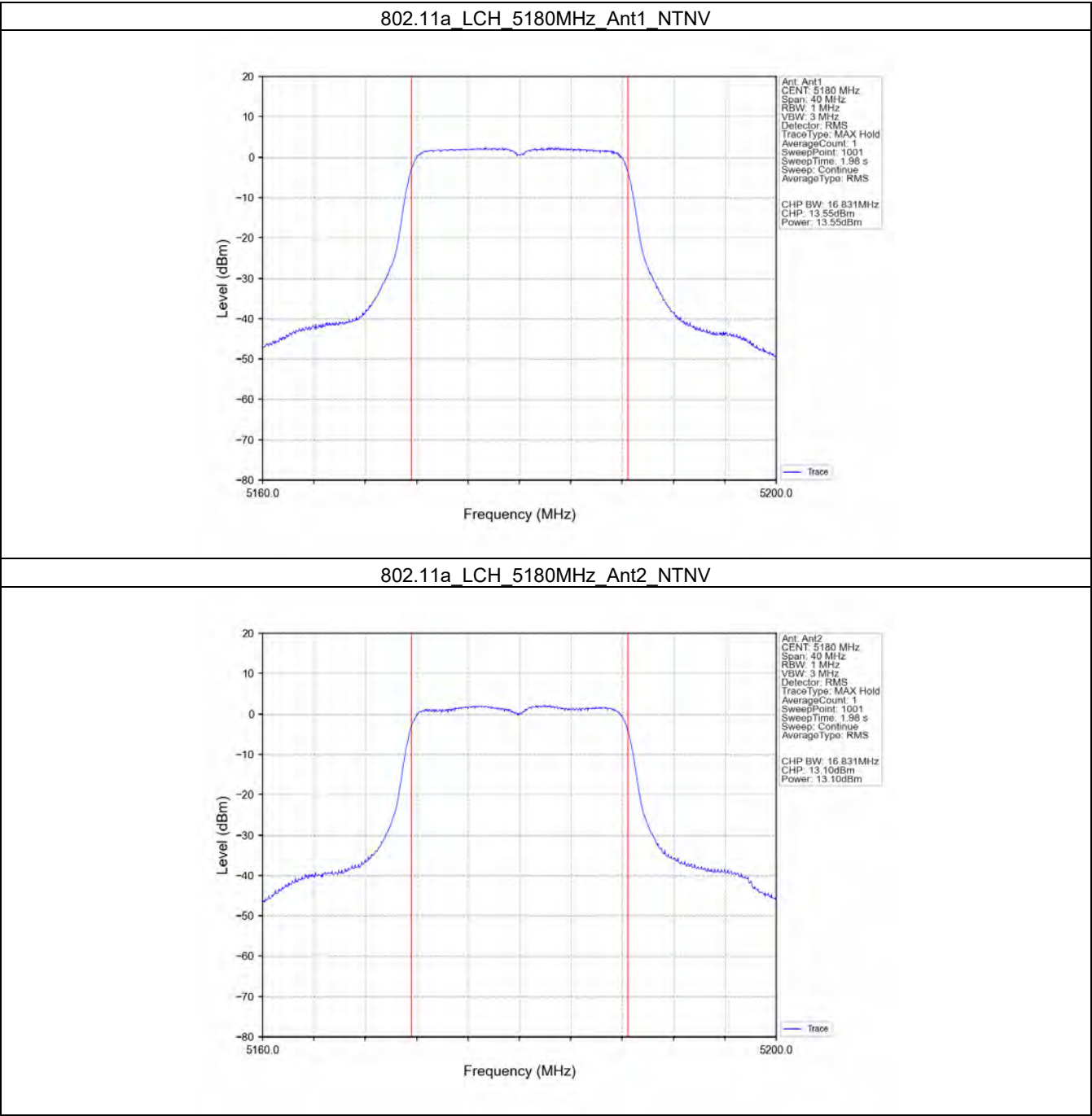
Note1: Antenna Gain: Ant1: 3.30dBi; Ant2: 3.30dBi;

Note2: E.I.R.P = Measured Power + Antenna Gain

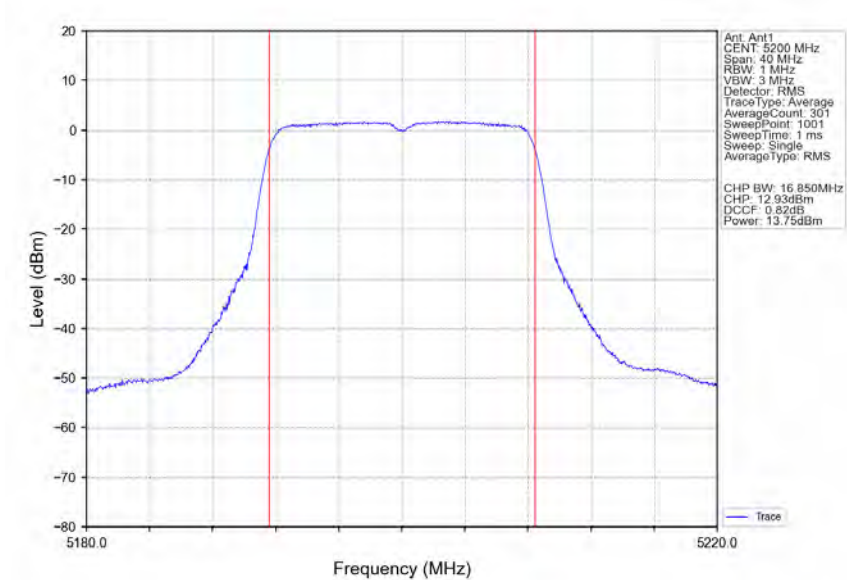
Note3: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

3.2 Test Graph

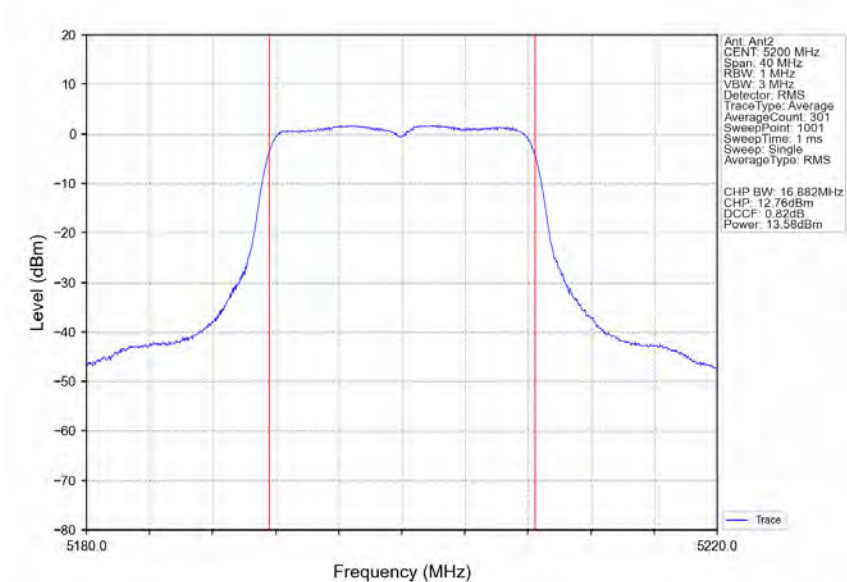
3.2.1 Power



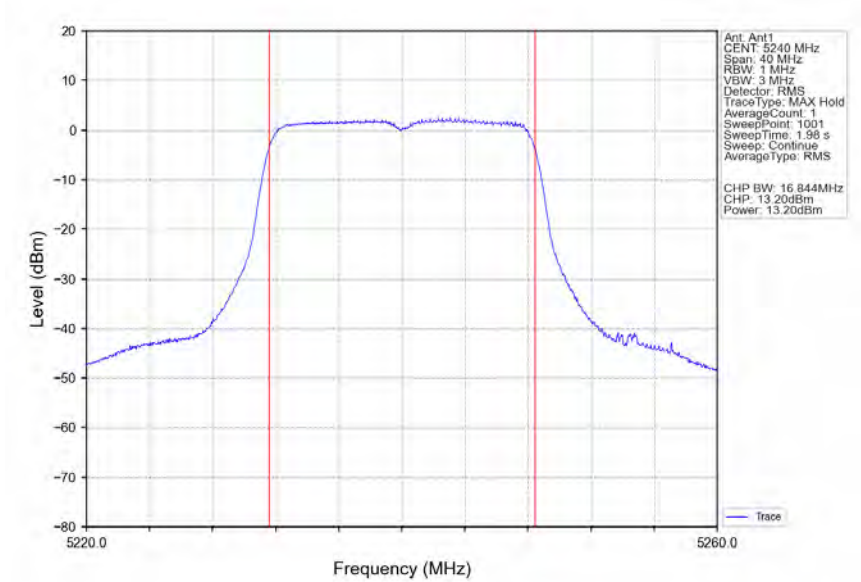
802.11a MCH_5200MHz_Ant1_NTNV



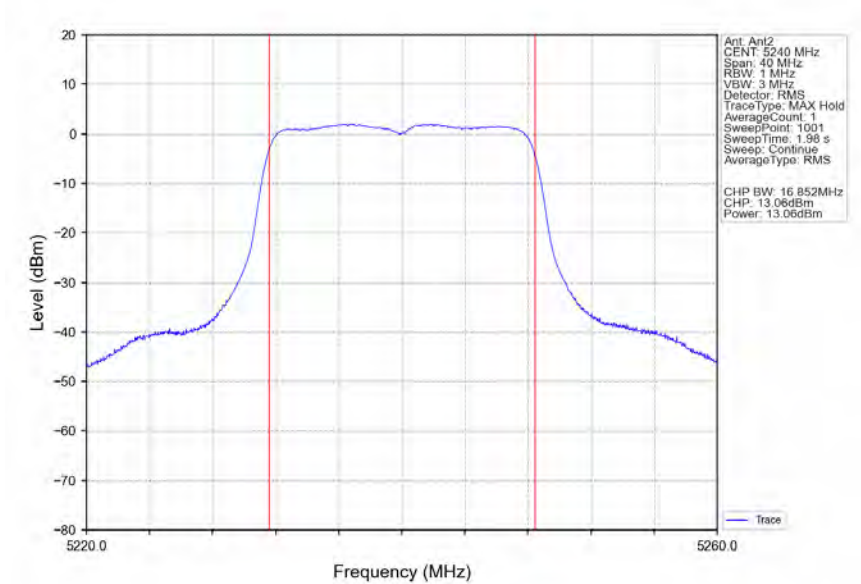
802.11a MCH_5200MHz_Ant2_NTNV



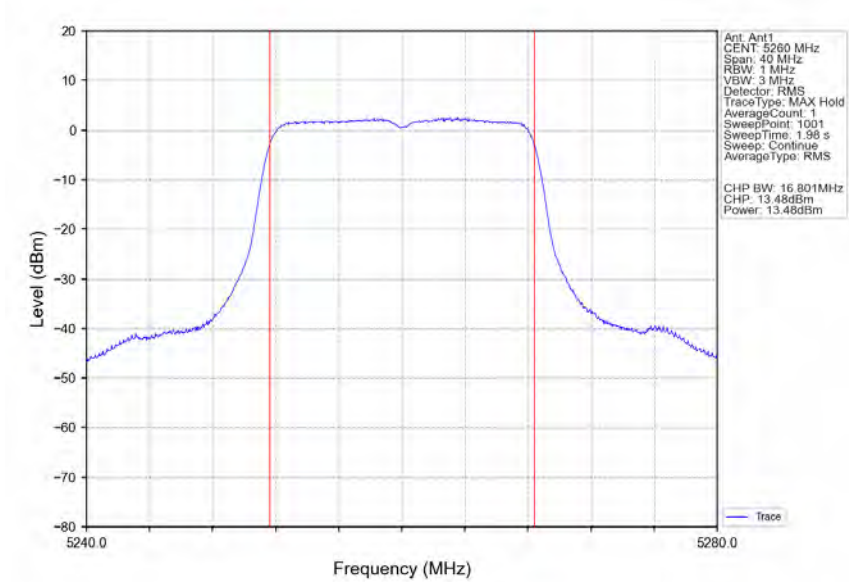
802.11a HCH 5240MHz Ant1 NTN



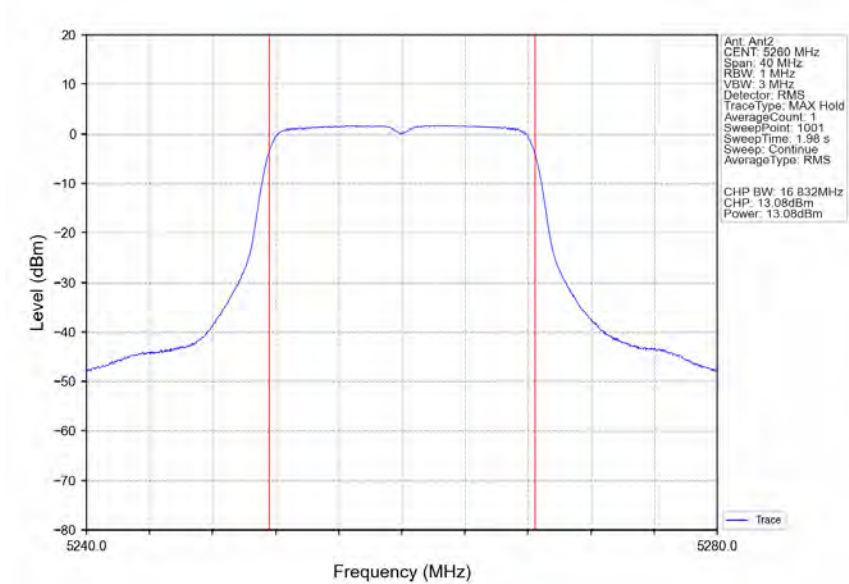
802.11a HCH 5240MHz Ant2 NTN



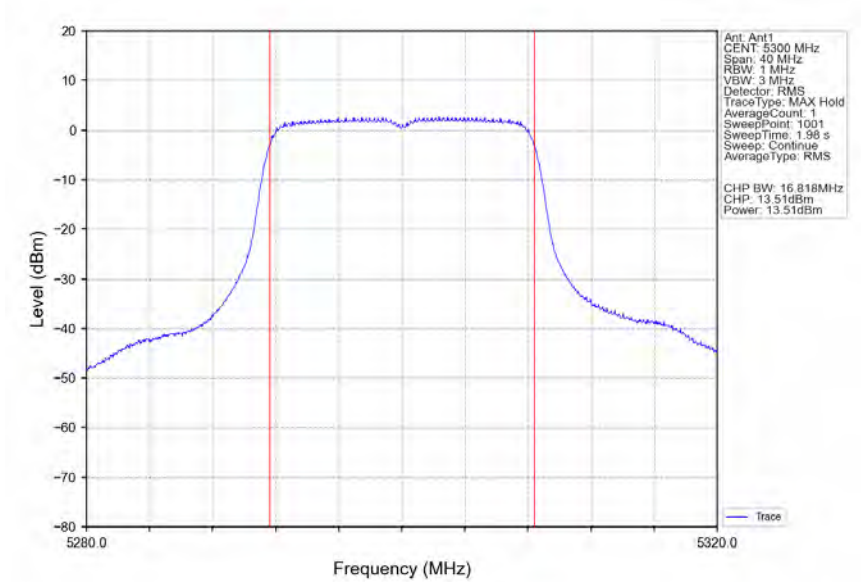
802.11a LCH 5260MHz Ant1 NTN



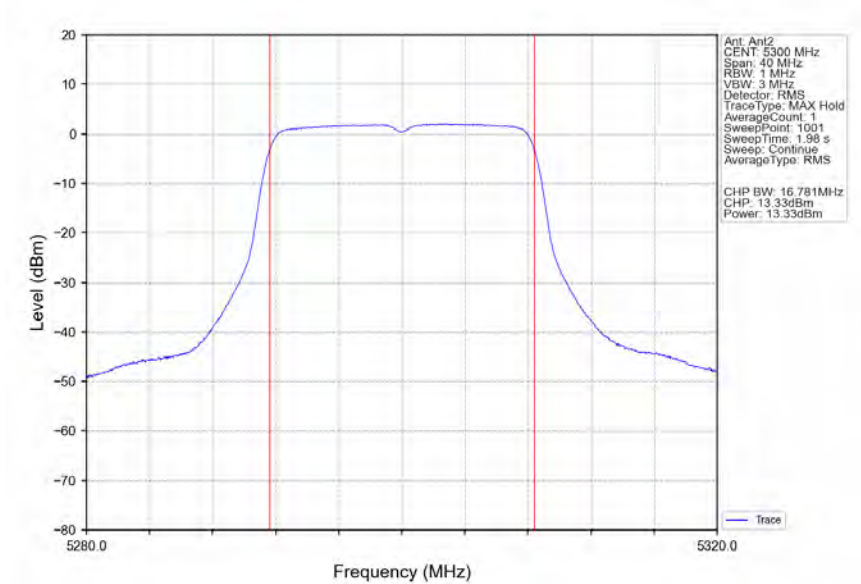
802.11a LCH 5260MHz Ant2 NTN



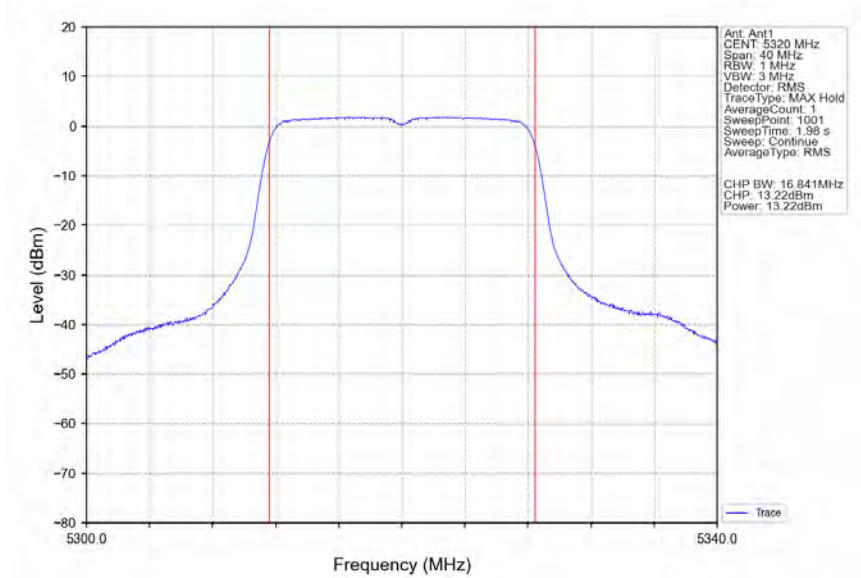
802.11a MCH_5300MHz_Ant1_NTNV



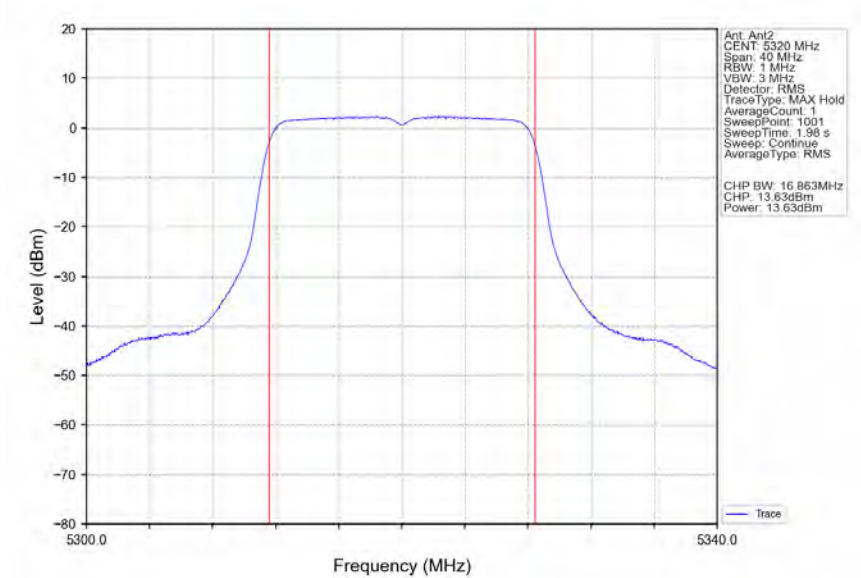
802.11a MCH_5300MHz_Ant2_NTNV



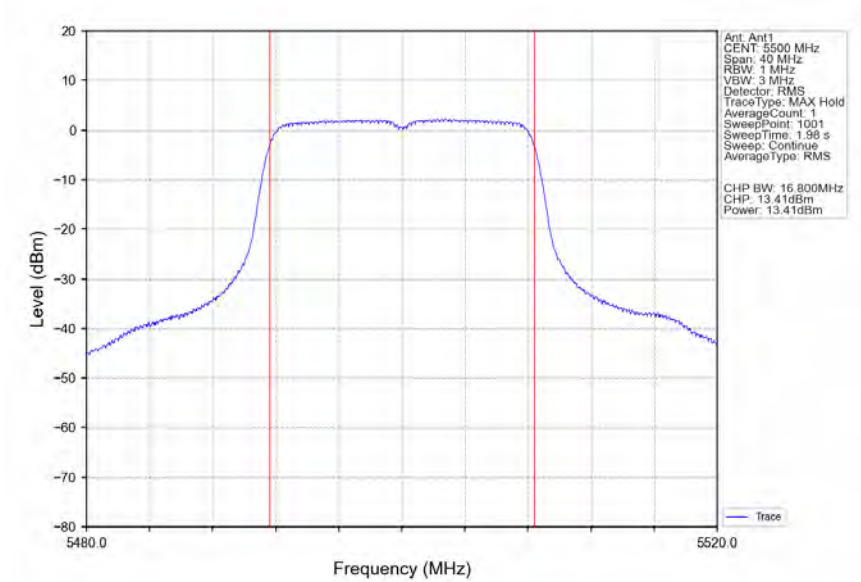
802.11a HCH 5320MHz Ant1 NTN



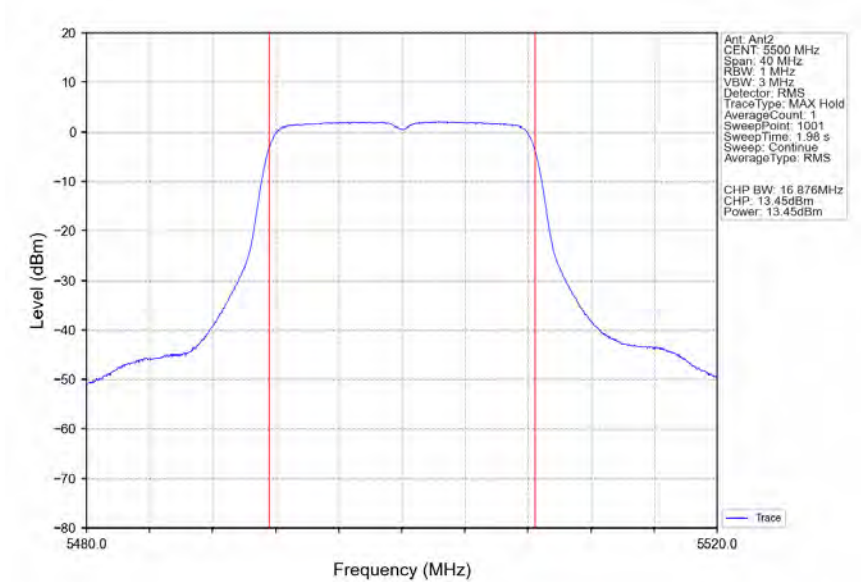
802.11a HCH 5320MHz Ant2 NTN



802.11a LCH 5500MHz Ant1 NTN



802.11a LCH 5500MHz Ant2 NTN



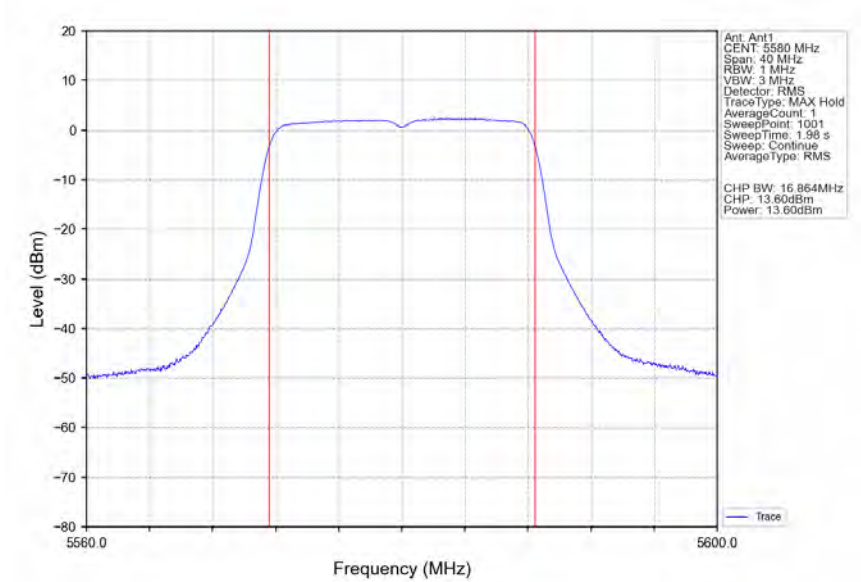
Compliance Certification Services (Kunshan) Inc.

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

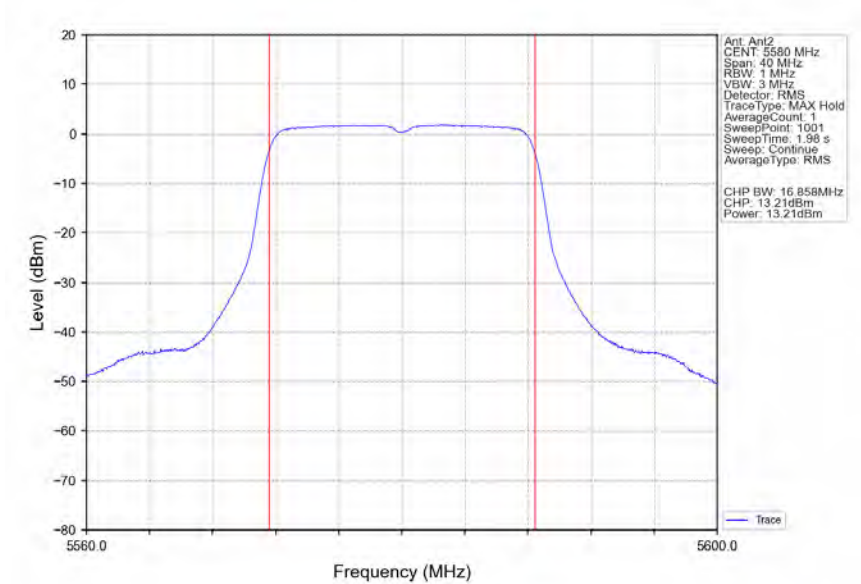
Report No.: KSCR240700123604

Page: 492 of 681

802.11a MCH_5580MHz_Ant1_NTNV



802.11a MCH_5580MHz_Ant2_NTNV



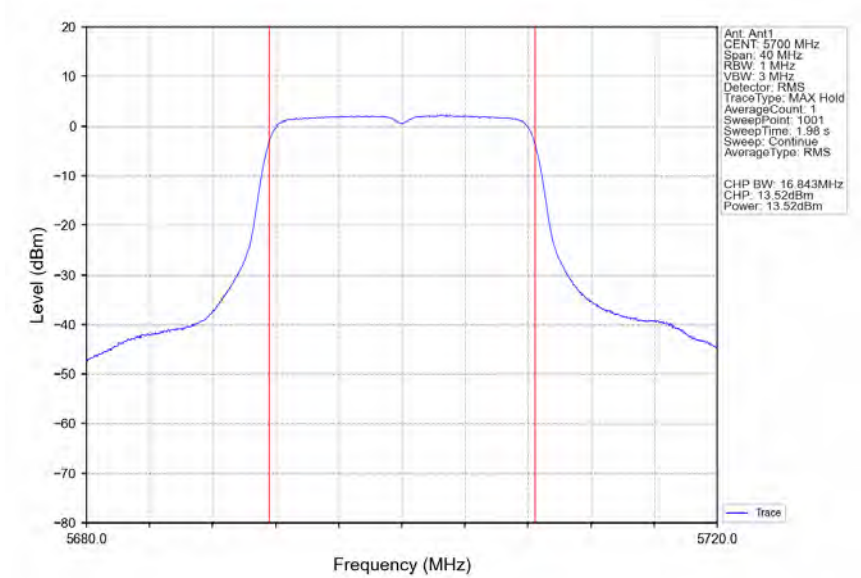
Compliance Certification Services (Kunshan) Inc.

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

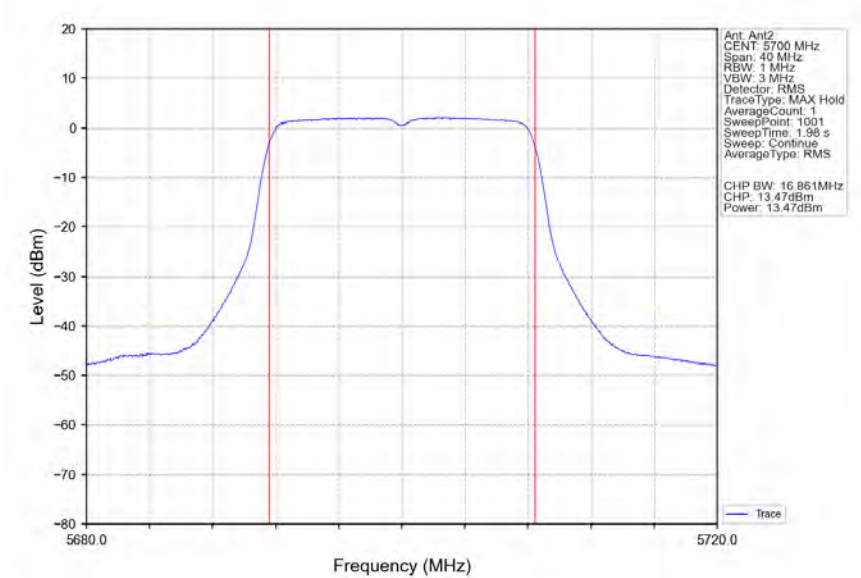
Report No.: KSCR240700123604

Page: 493 of 681

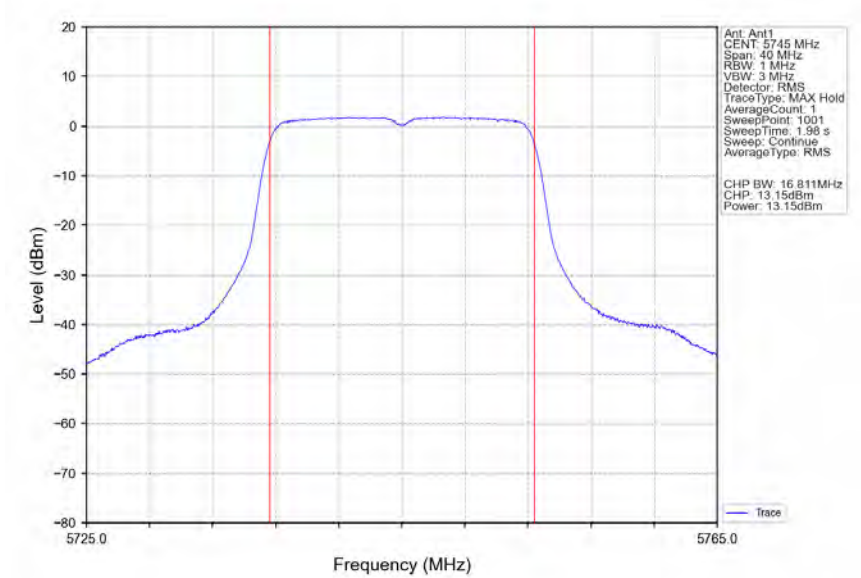
802.11a HCH 5700MHz Ant1 NTN



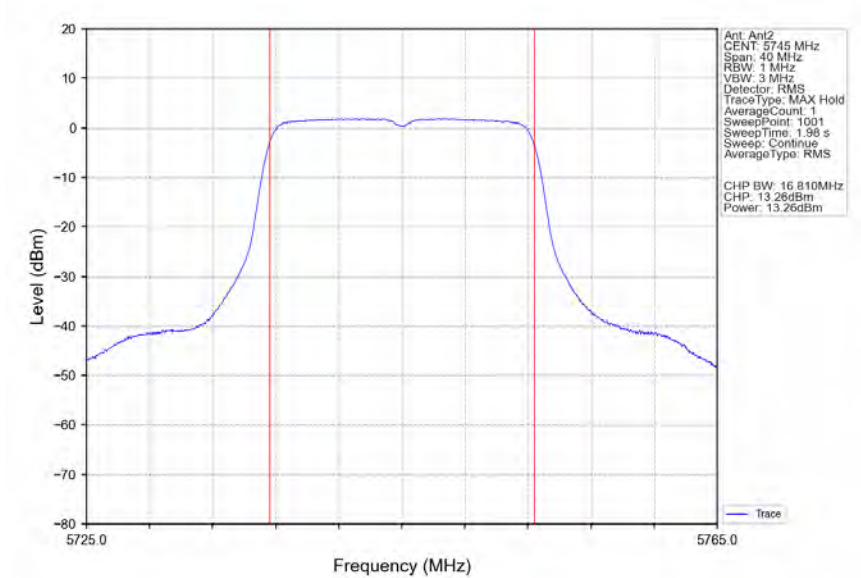
802.11a HCH 5700MHz Ant2 NTN



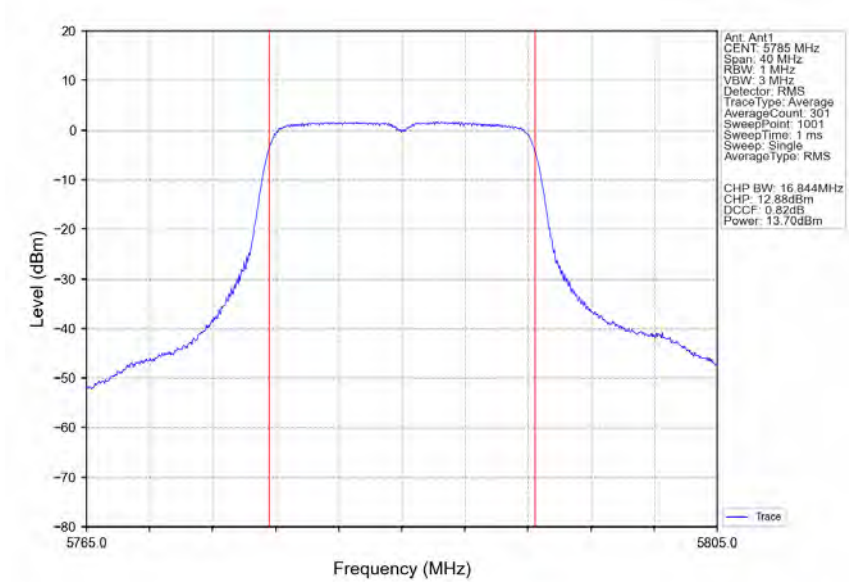
802.11a LCH 5745MHz Ant1 NTN



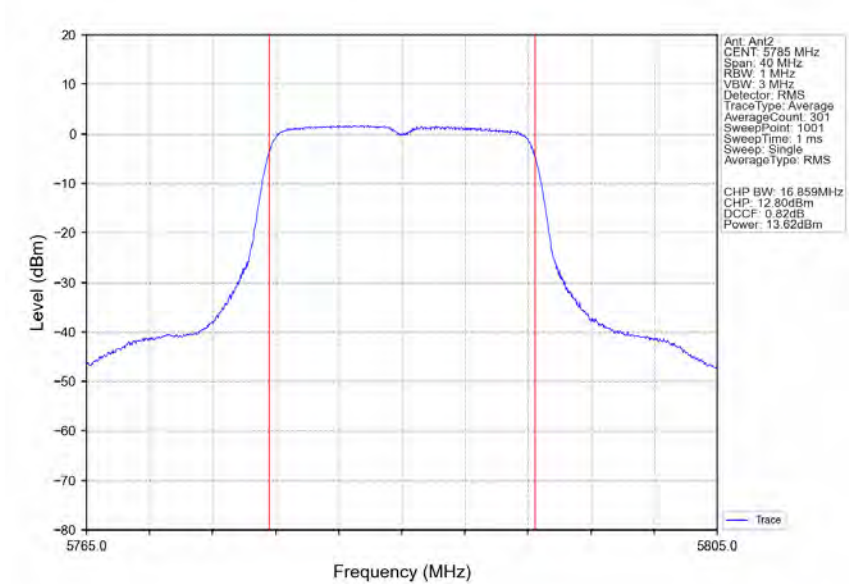
802.11a LCH 5745MHz Ant2 NTN



802.11a MCH 5785MHz Ant1 NTNV



802.11a MCH 5785MHz Ant2 NTNV



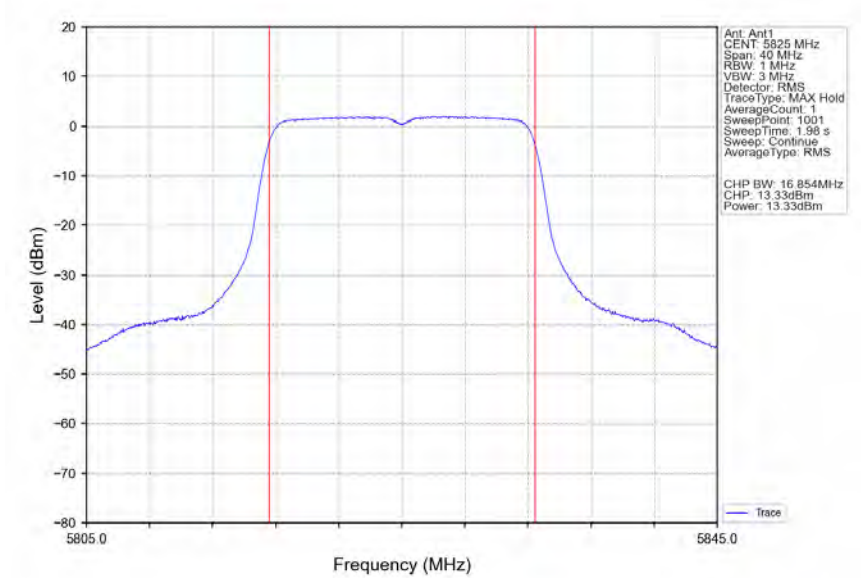
Compliance Certification Services (Kunshan) Inc.

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

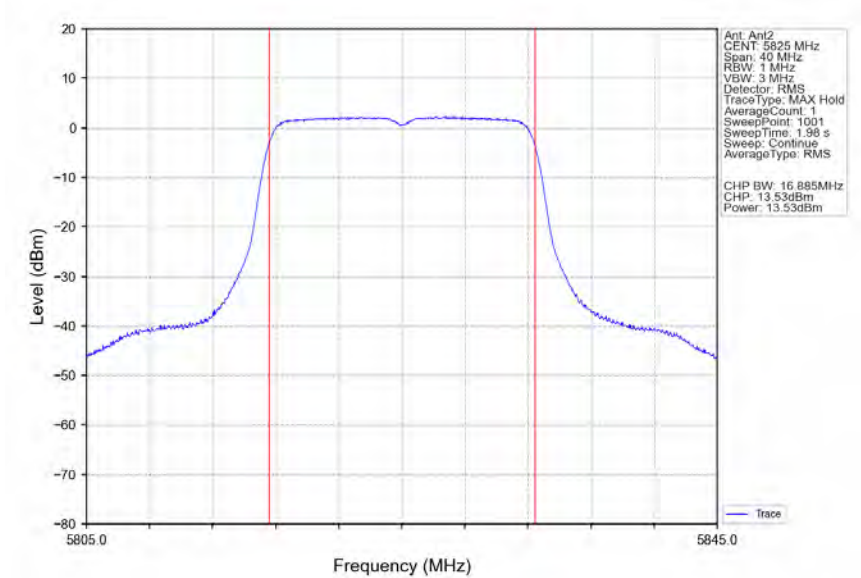
Report No.: KSCR240700123604

Page: 496 of 681

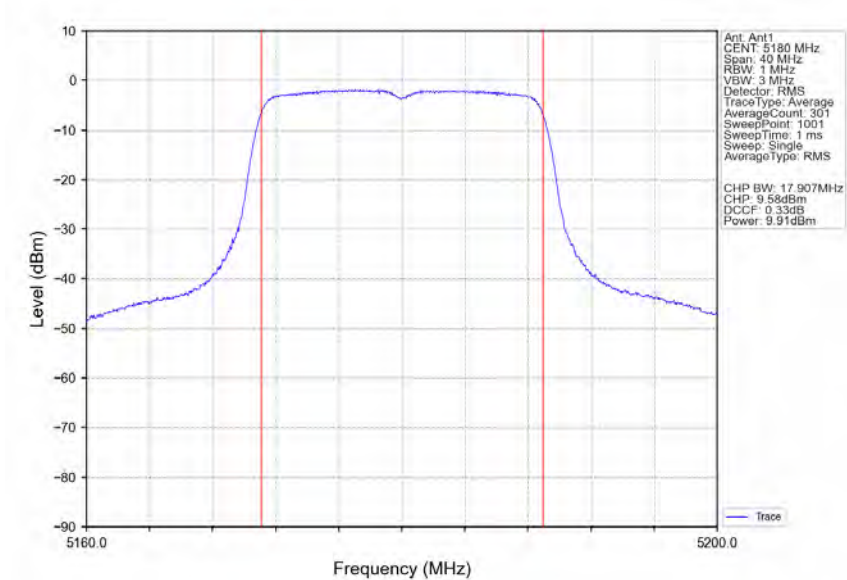
802.11a HCH 5825MHz Ant1 NTN



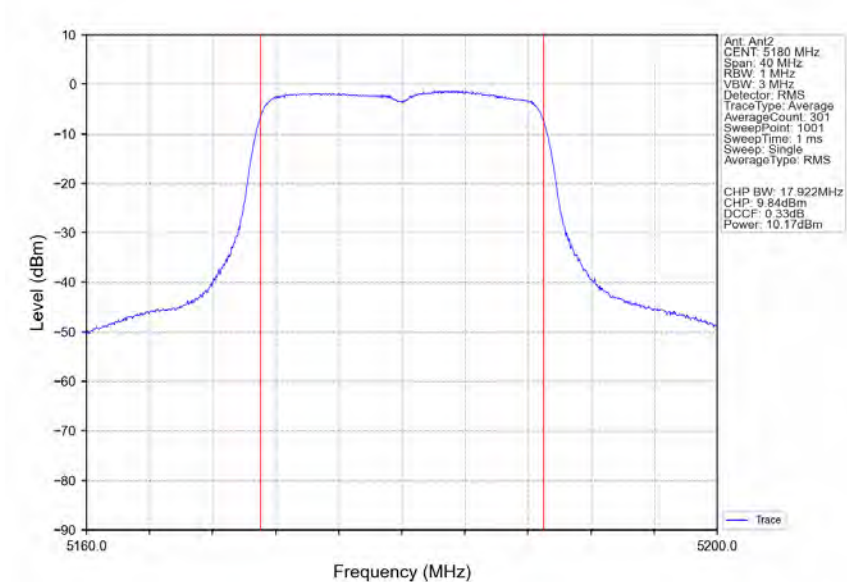
802.11a HCH 5825MHz Ant2 NTN



802.11ac(VHT20) LCH 5180MHz Ant1 NTN



802.11ac(VHT20) LCH 5180MHz Ant2 NTN



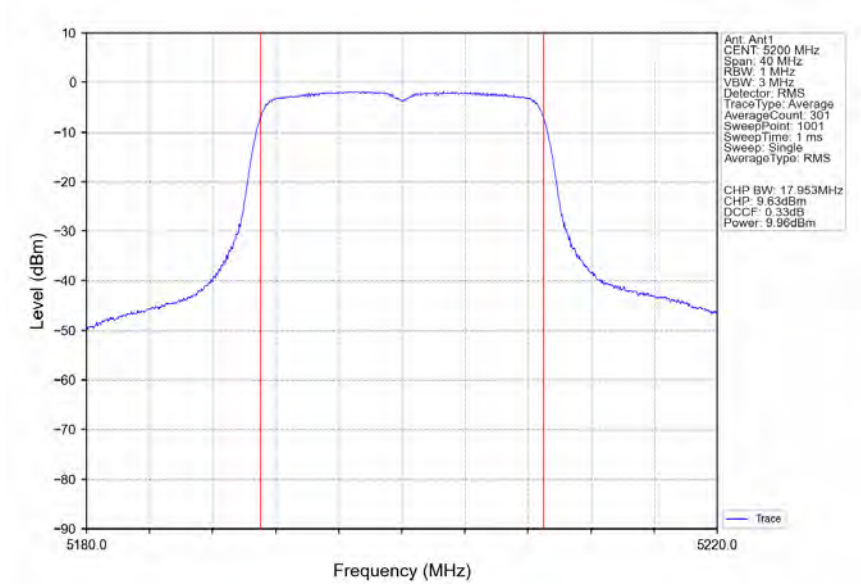
Compliance Certification Services (Kunshan) Inc.

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

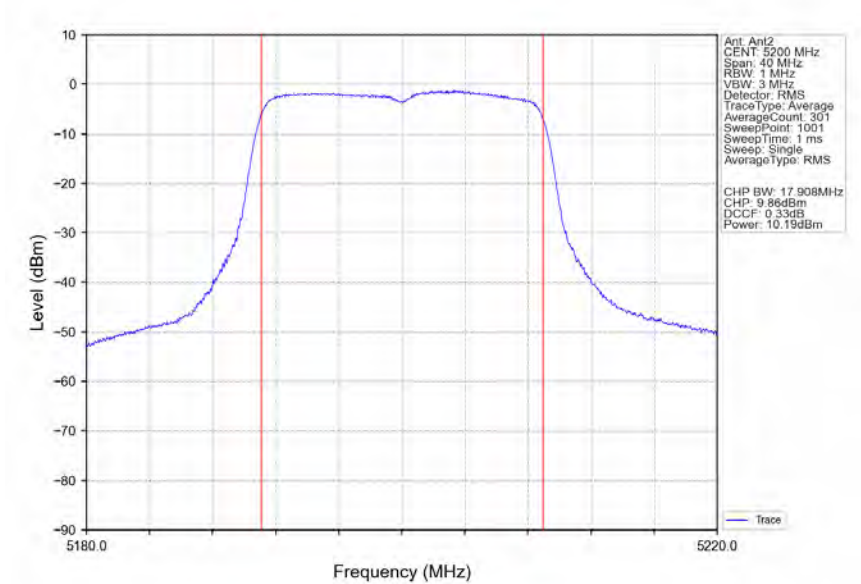
Report No.: KSCR240700123604

Page: 498 of 681

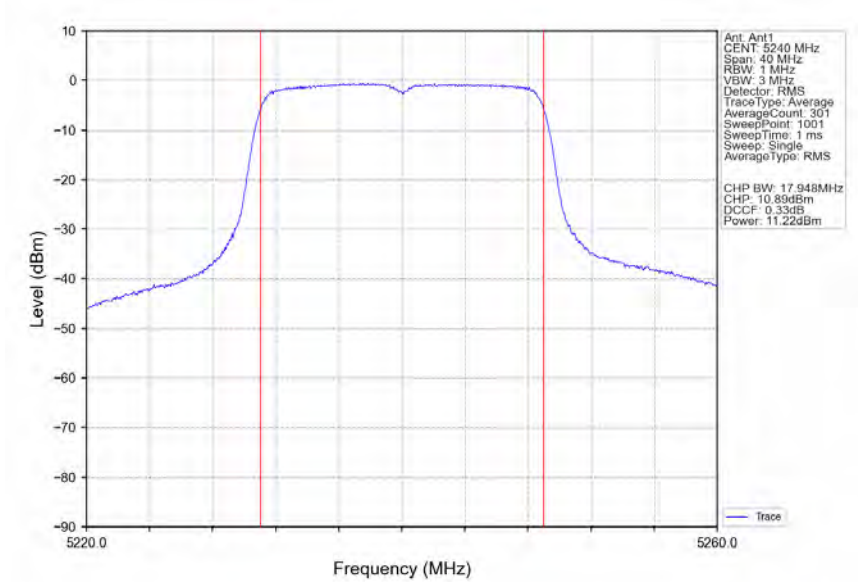
802.11ac(VHT20) MCH_5200MHz_Ant1_NTNV



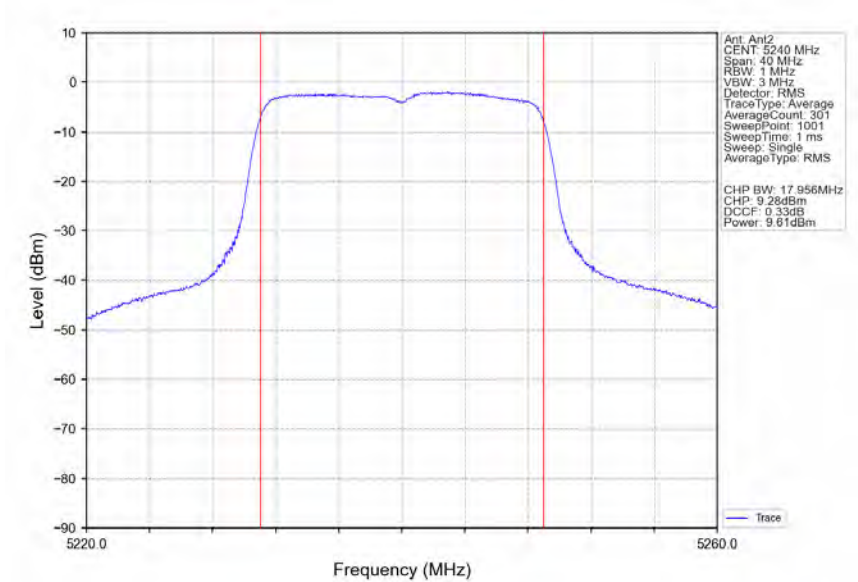
802.11ac(VHT20) MCH_5200MHz_Ant2_NTNV



802.11ac(VHT20) HCH 5240MHz Ant1 NTN



802.11ac(VHT20) HCH 5240MHz Ant2 NTN



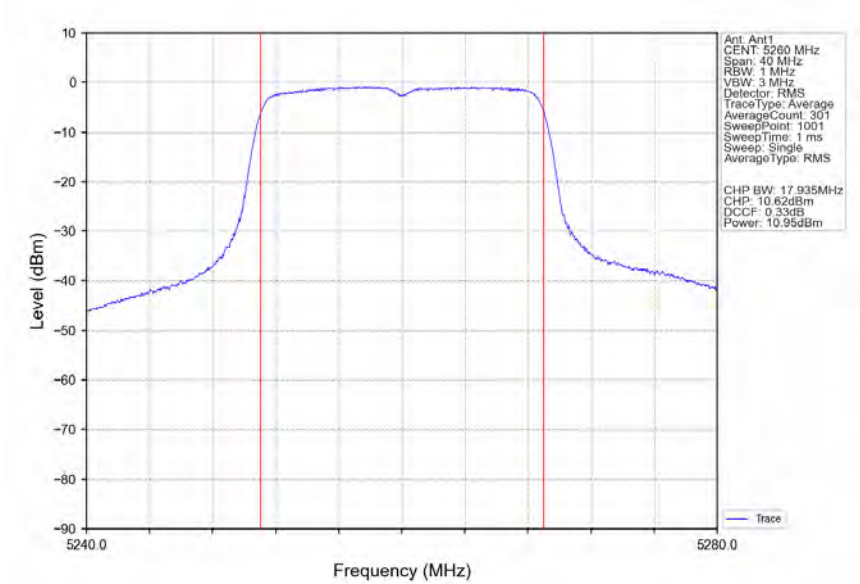
Compliance Certification Services (Kunshan) Inc.

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

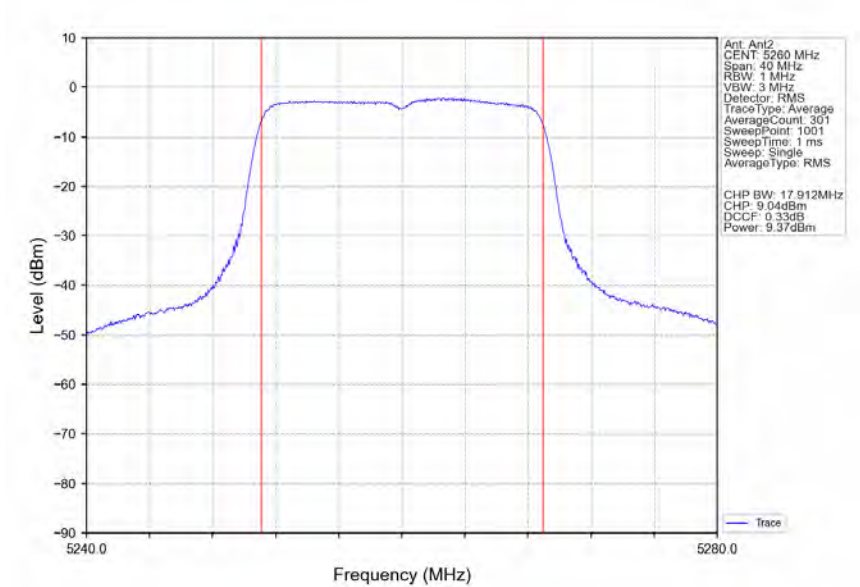
Report No.: KSCR240700123604

Page: 500 of 681

802.11ac(VHT20) LCH 5260MHz Ant1 NTN



802.11ac(VHT20) LCH 5260MHz Ant2 NTN



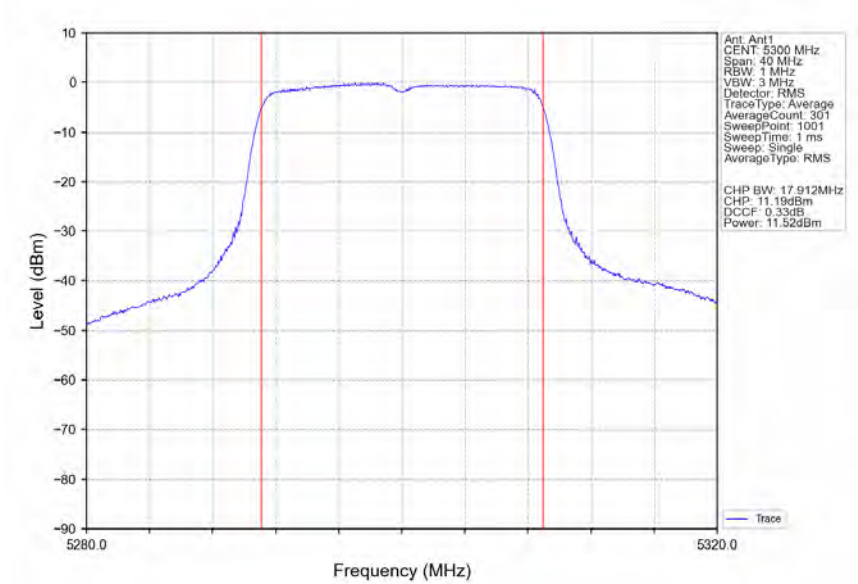
Compliance Certification Services (Kunshan) Inc.

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

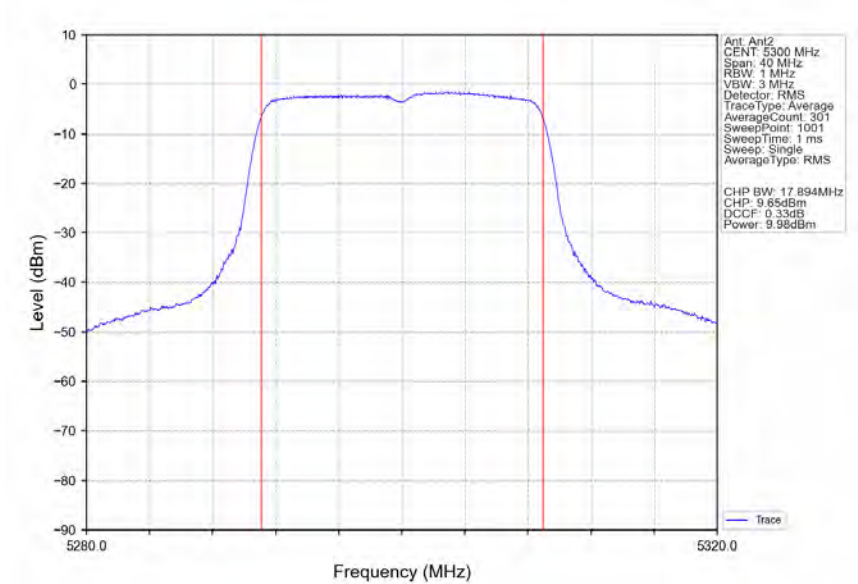
Report No.: KSCR240700123604

Page: 501 of 681

802.11ac(VHT20) MCH_5300MHz_Ant1_NTNV



802.11ac(VHT20) MCH_5300MHz_Ant2_NTNV



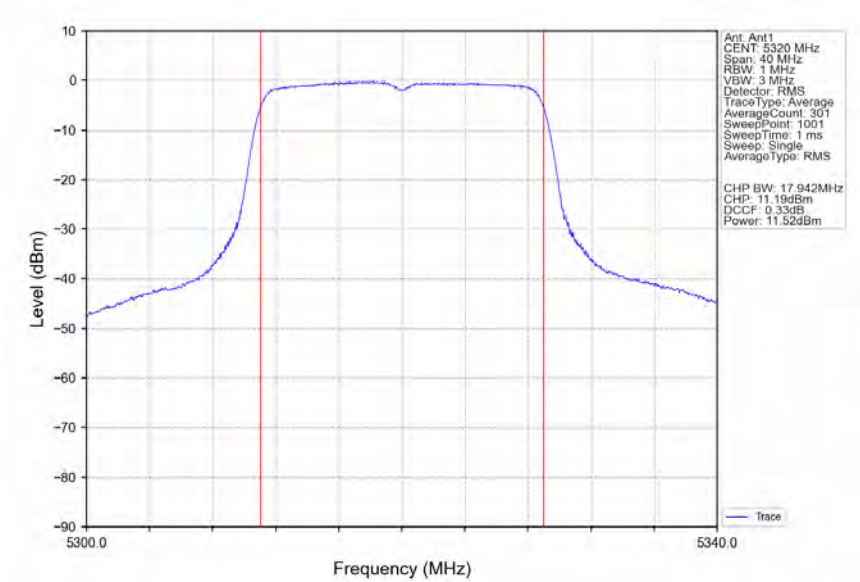
Compliance Certification Services (Kunshan) Inc.

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

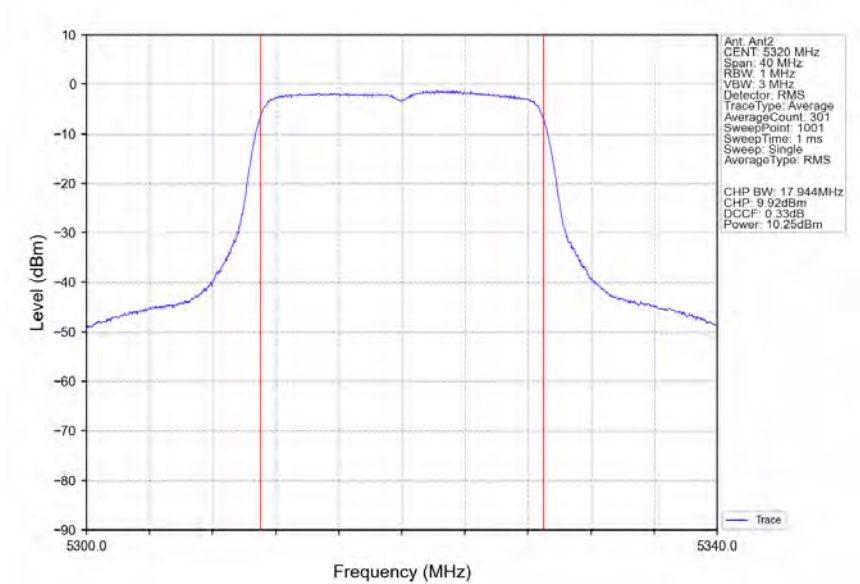
Report No.: KSCR240700123604

Page: 502 of 681

802.11ac(VHT20) HCH 5320MHz Ant1 NTN



802.11ac(VHT20) HCH 5320MHz Ant2 NTN



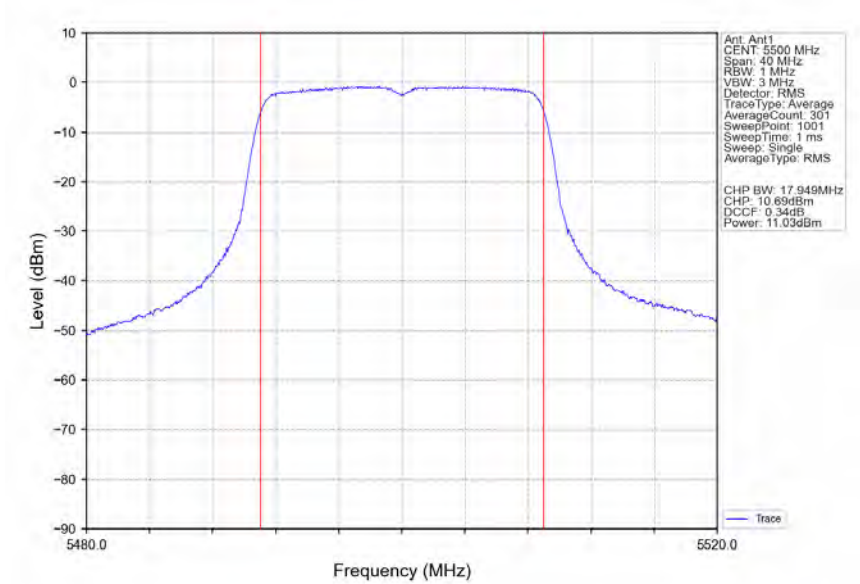
Compliance Certification Services (Kunshan) Inc.

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

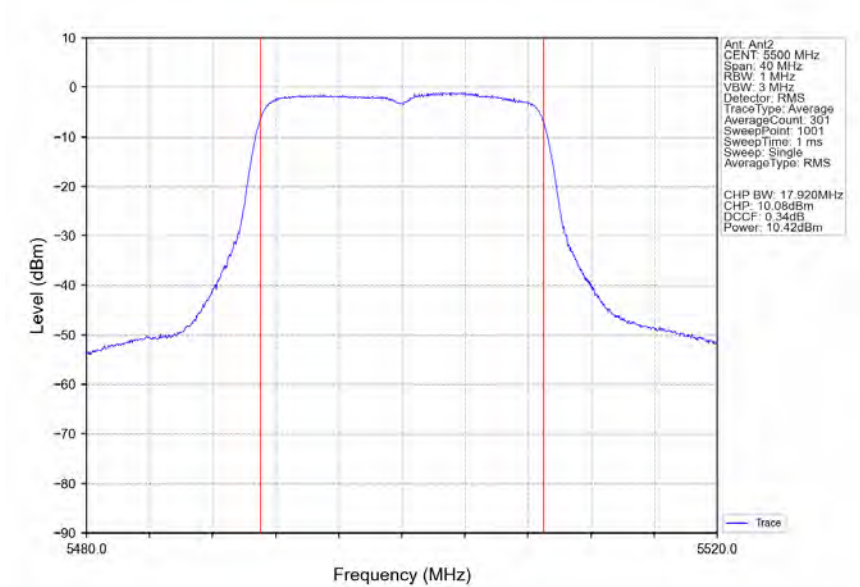
Report No.: KSCR240700123604

Page: 503 of 681

802.11ac(VHT20) LCH 5500MHz Ant1 NTN



802.11ac(VHT20) LCH 5500MHz Ant2 NTN



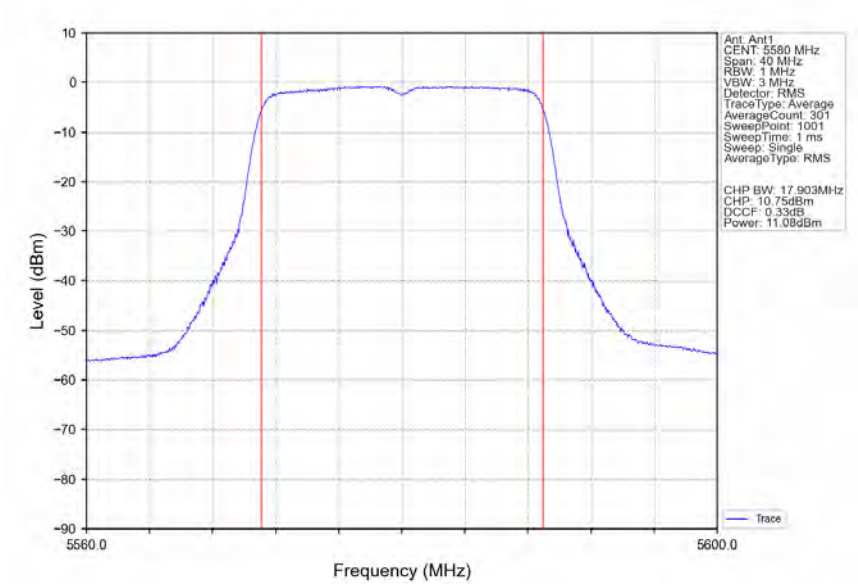
Compliance Certification Services (Kunshan) Inc.

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

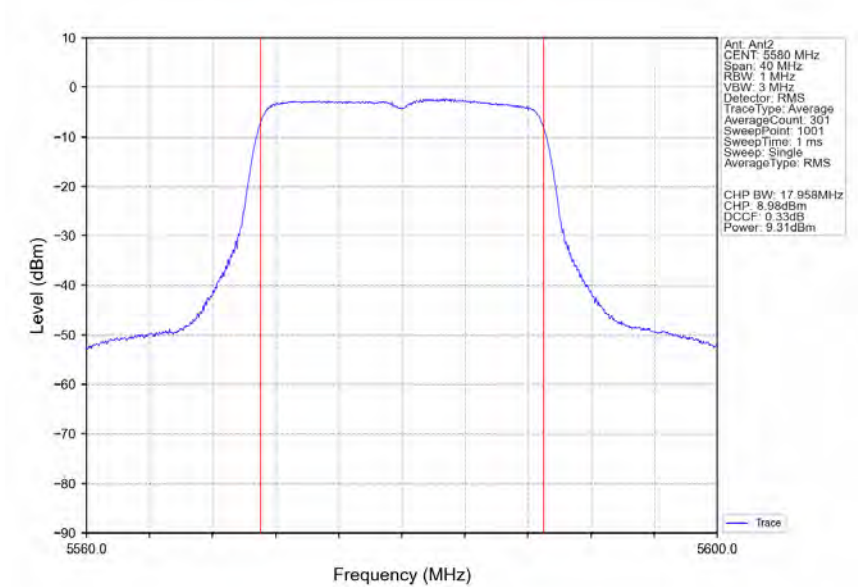
Report No.: KSCR240700123604

Page: 504 of 681

802.11ac(VHT20) MCH_5580MHz_Ant1_NTNV



802.11ac(VHT20) MCH_5580MHz_Ant2_NTNV



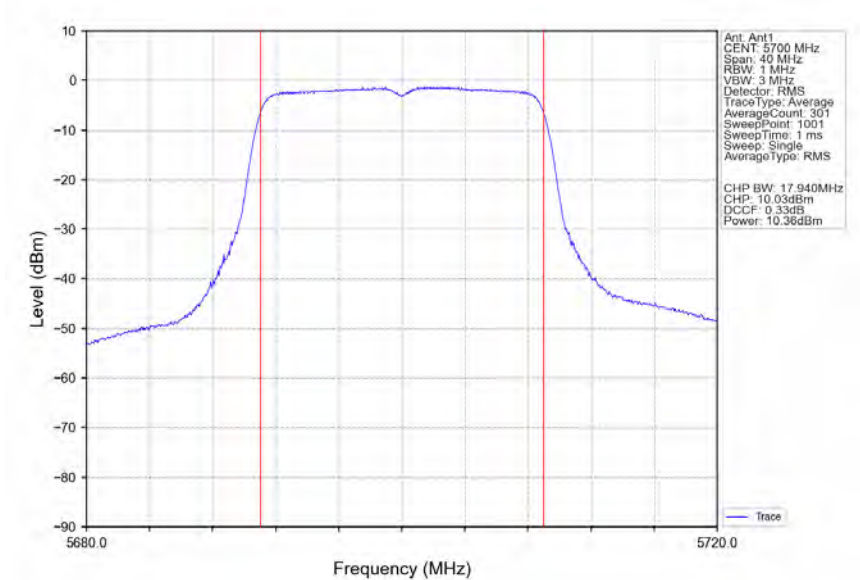
Compliance Certification Services (Kunshan) Inc.

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

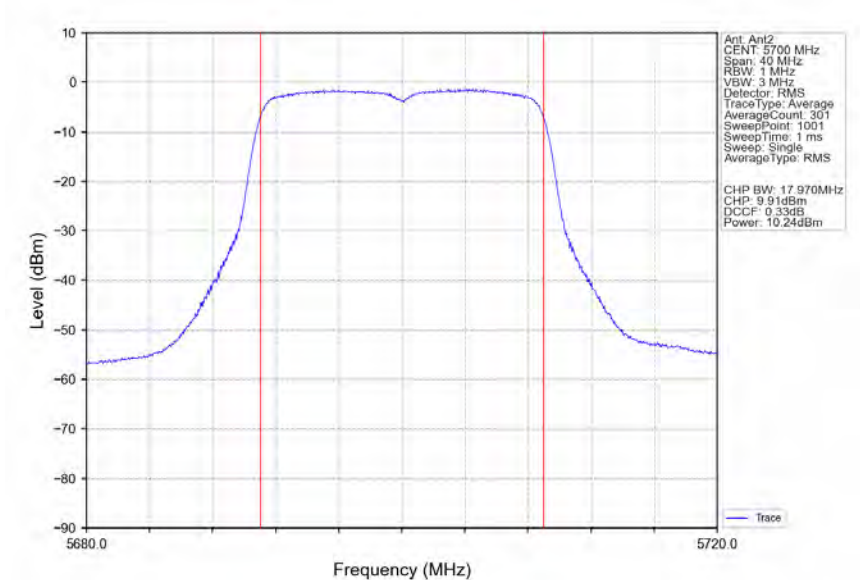
Report No.: KSCR240700123604

Page: 505 of 681

802.11ac(VHT20) HCH 5700MHz Ant1 NTN



802.11ac(VHT20) HCH 5700MHz Ant2 NTN



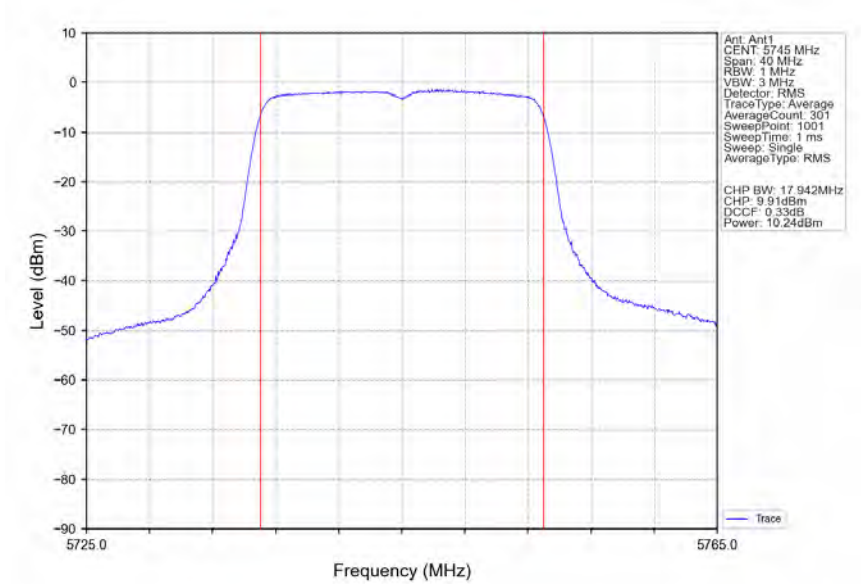
Compliance Certification Services (Kunshan) Inc.

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

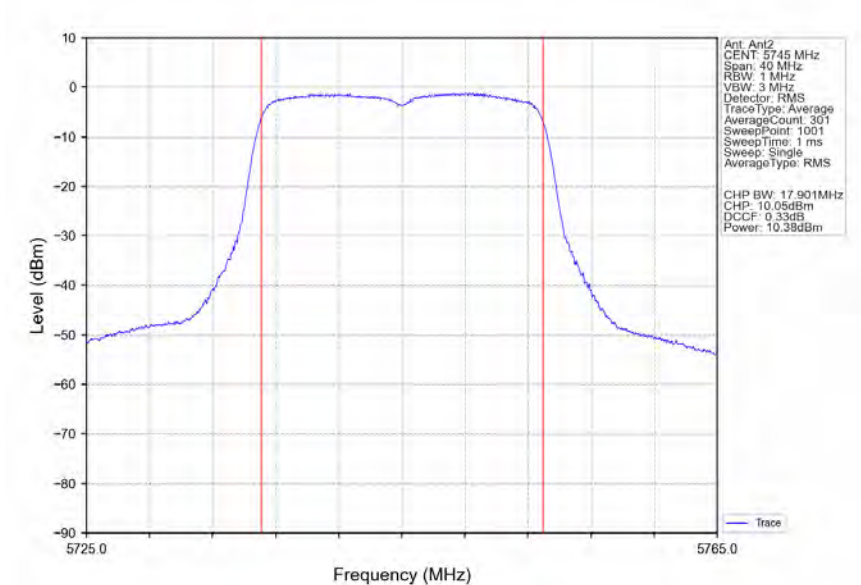
Report No.: KSCR240700123604

Page: 506 of 681

802.11ac(VHT20) LCH 5745MHz Ant1 NTN



802.11ac(VHT20) LCH 5745MHz Ant2 NTN



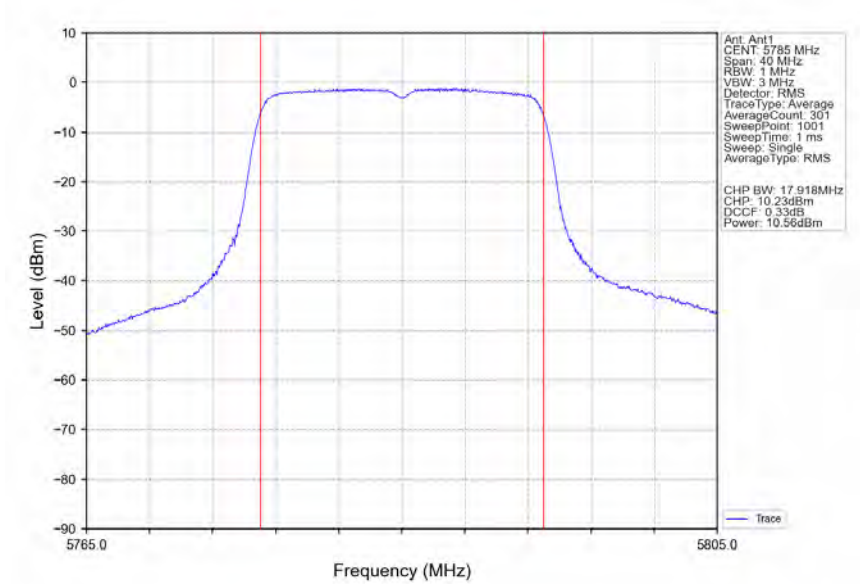
Compliance Certification Services (Kunshan) Inc.

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

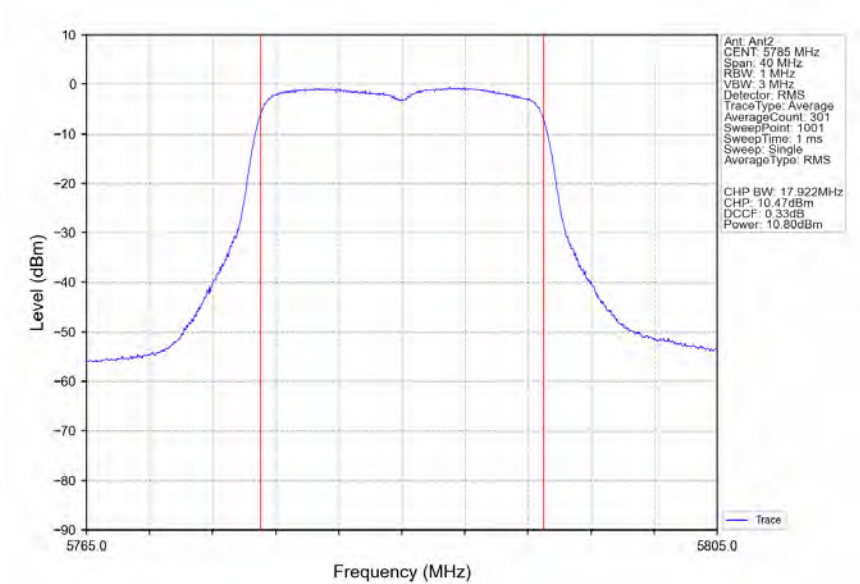
Report No.: KSCR240700123604

Page: 507 of 681

802.11ac(VHT20) MCH_5785MHz_Ant1_NTNV



802.11ac(VHT20) MCH_5785MHz_Ant2_NTNV



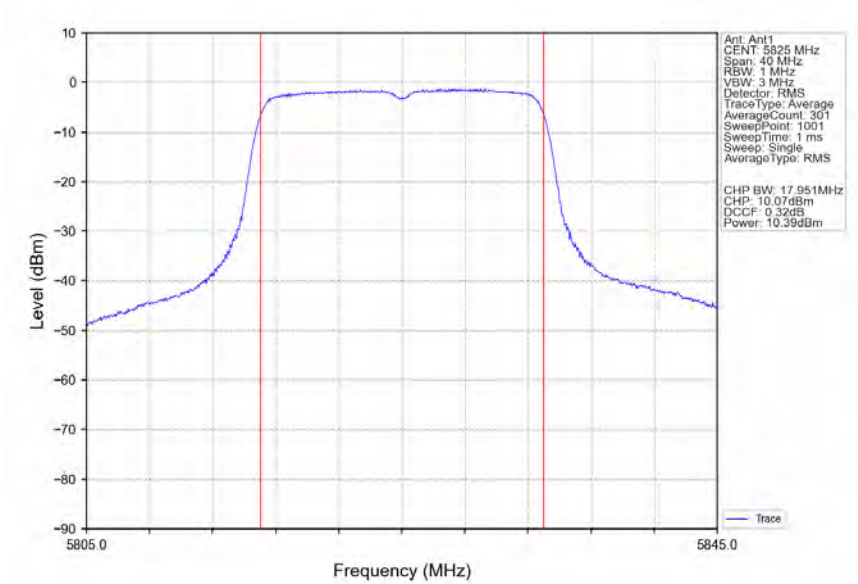
Compliance Certification Services (Kunshan) Inc.

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

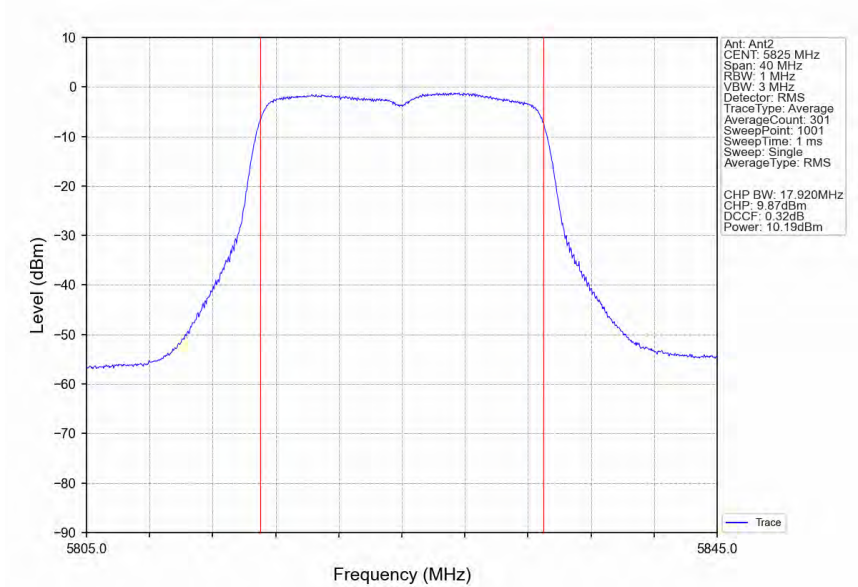
Report No.: KSCR240700123604

Page: 508 of 681

802.11ac(VHT20) HCH 5825MHz Ant1 NTN



802.11ac(VHT20) HCH 5825MHz Ant2 NTN



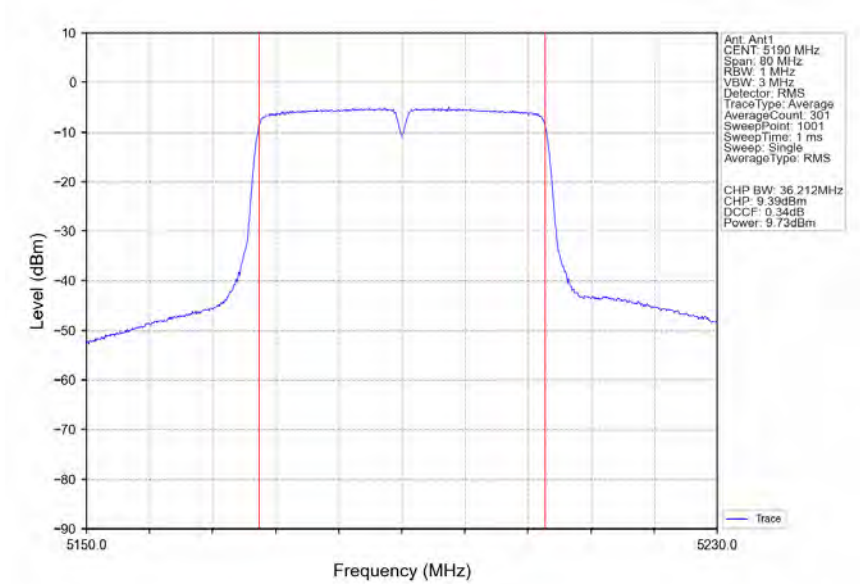
Compliance Certification Services (Kunshan) Inc.

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

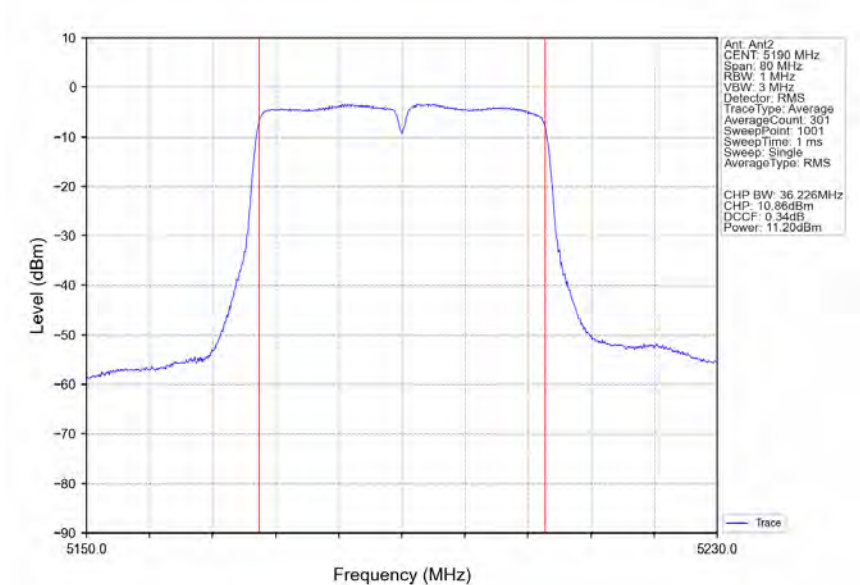
Report No.: KSCR240700123604

Page: 509 of 681

802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) LCH 5190MHz Ant2 NTN



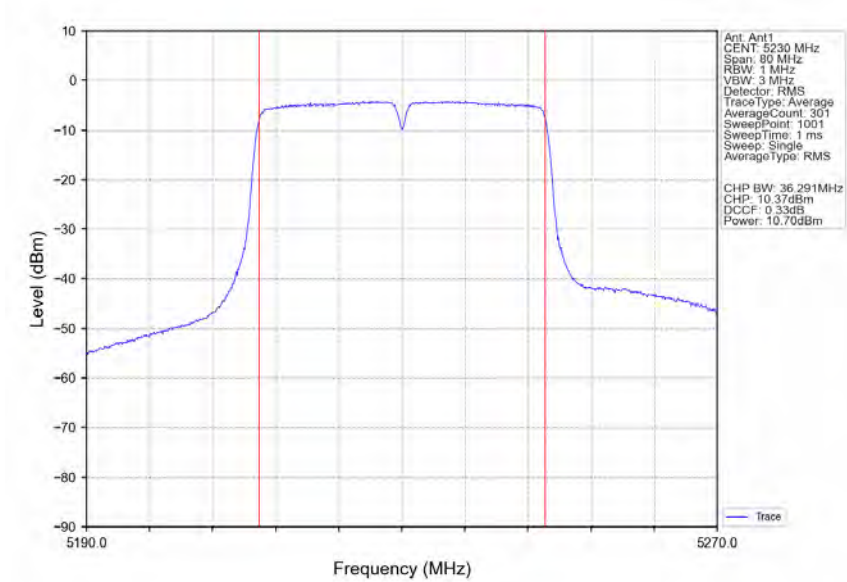
Compliance Certification Services (Kunshan) Inc.

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

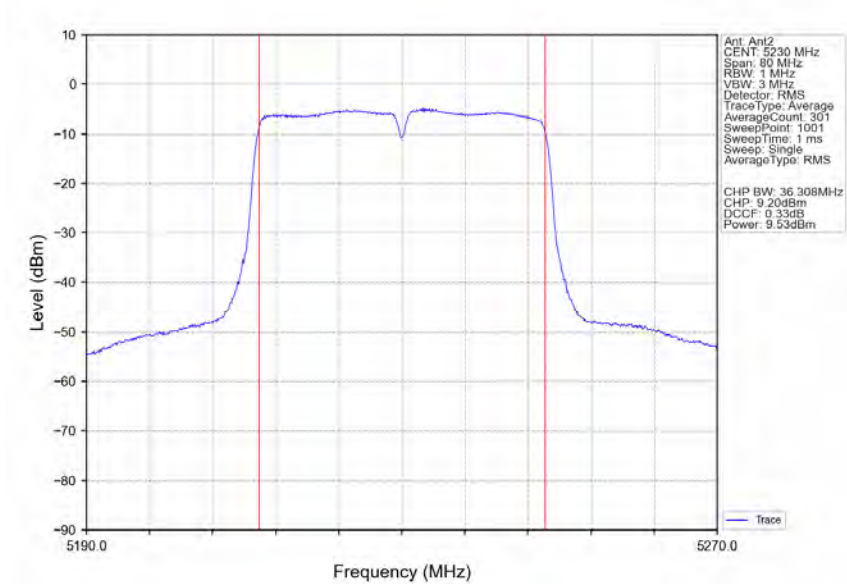
Report No.: KSCR240700123604

Page: 510 of 681

802.11ac(VHT40) HCH 5230MHz Ant1 NTN



802.11ac(VHT40) HCH 5230MHz Ant2 NTN



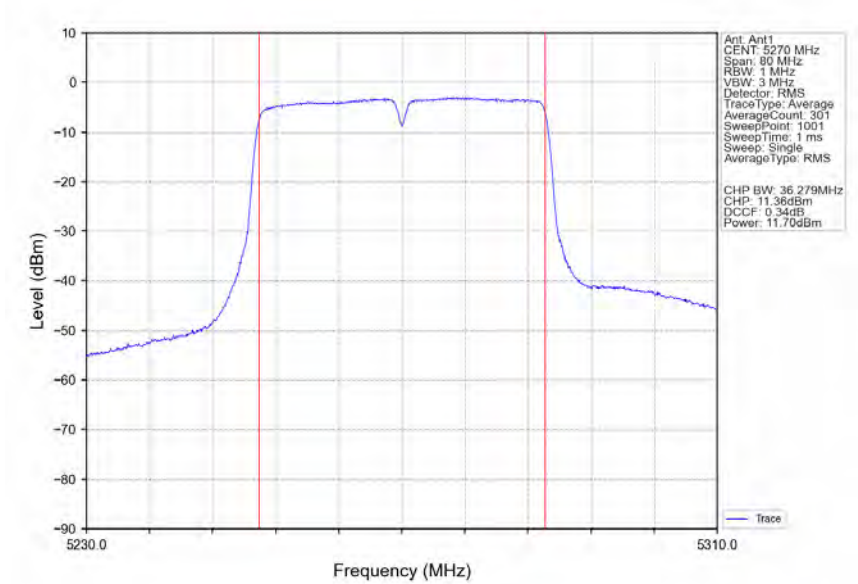
Compliance Certification Services (Kunshan) Inc.

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

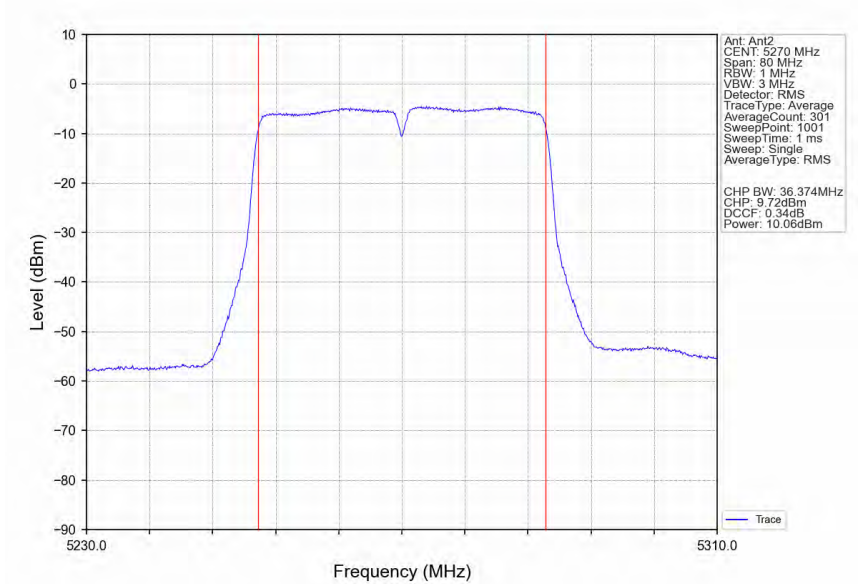
Report No.: KSCR240700123604

Page: 511 of 681

802.11ac(VHT40) LCH 5270MHz Ant1 NTN



802.11ac(VHT40) LCH 5270MHz Ant2 NTN



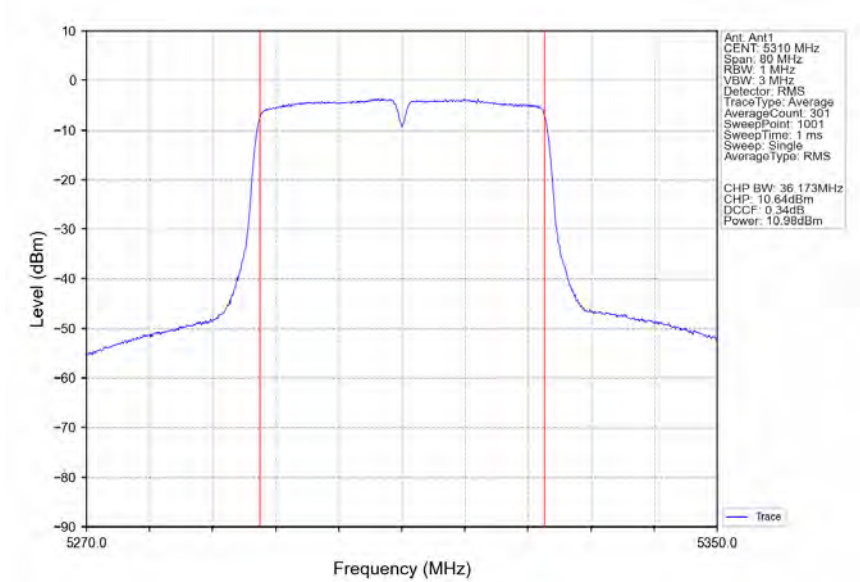
Compliance Certification Services (Kunshan) Inc.

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

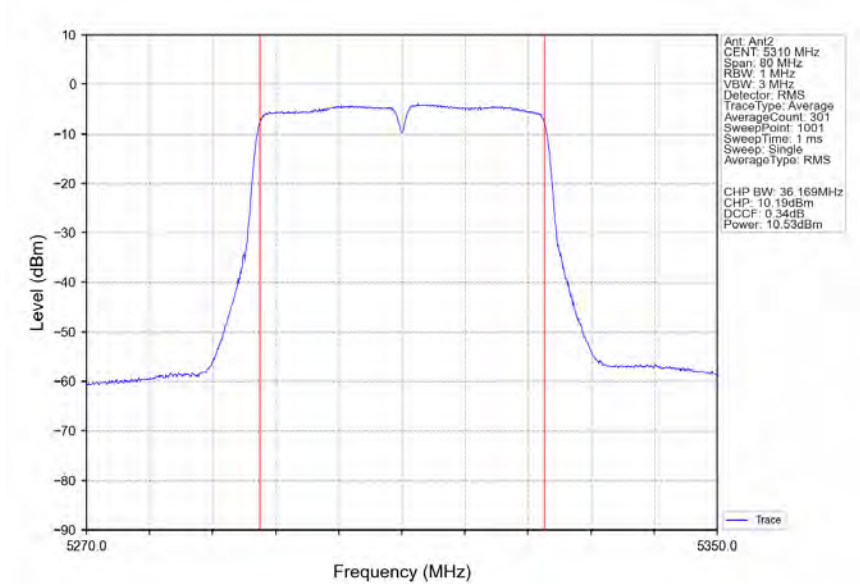
Report No.: KSCR240700123604

Page: 512 of 681

802.11ac(VHT40) HCH 5310MHz Ant1 NTN



802.11ac(VHT40) HCH 5310MHz Ant2 NTN



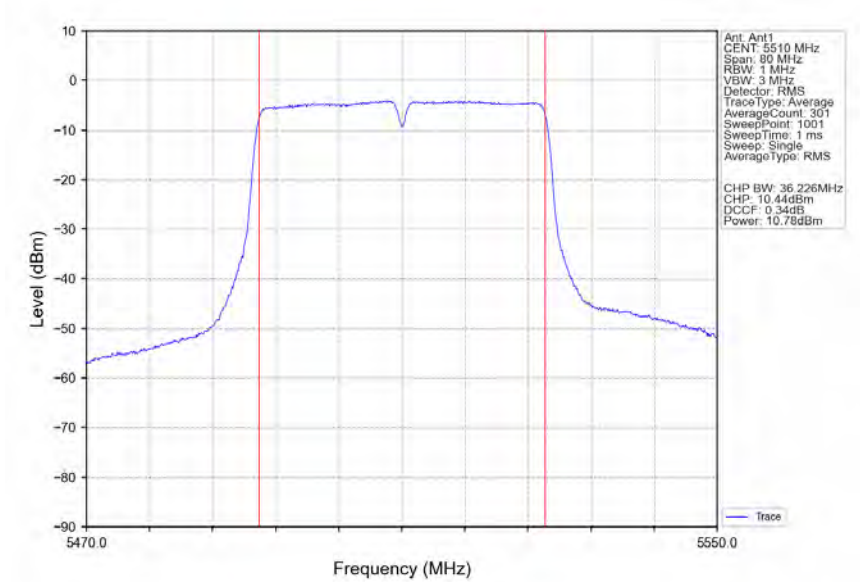
Compliance Certification Services (Kunshan) Inc.

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

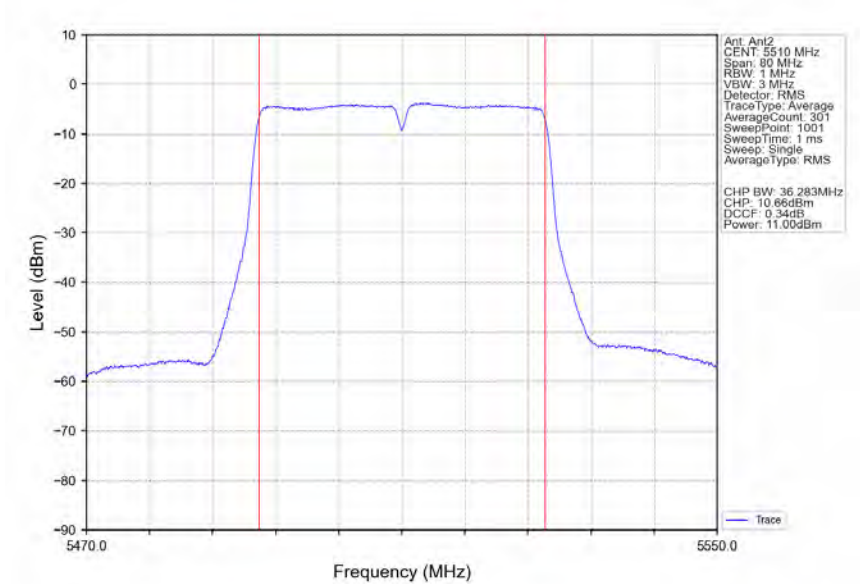
Report No.: KSCR240700123604

Page: 513 of 681

802.11ac(VHT40) LCH 5510MHz Ant1 NTN



802.11ac(VHT40) LCH 5510MHz Ant2 NTN



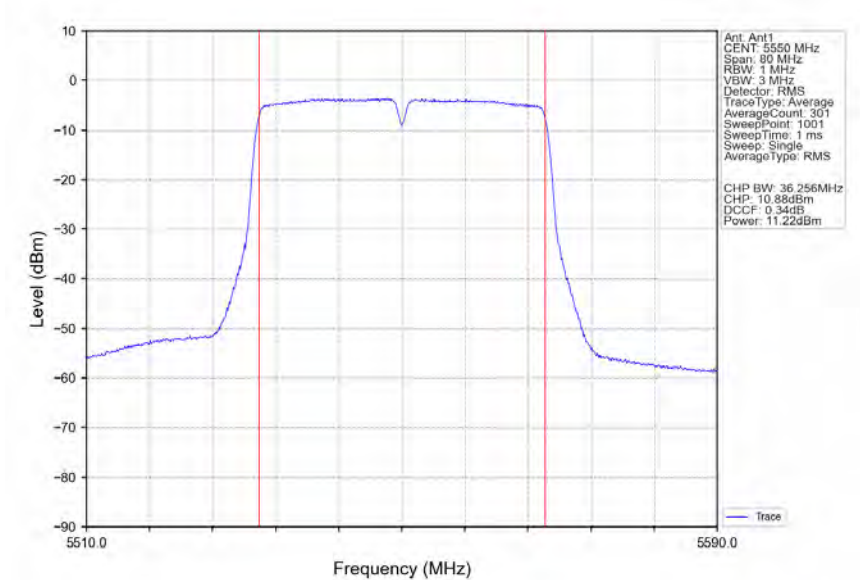
Compliance Certification Services (Kunshan) Inc.

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

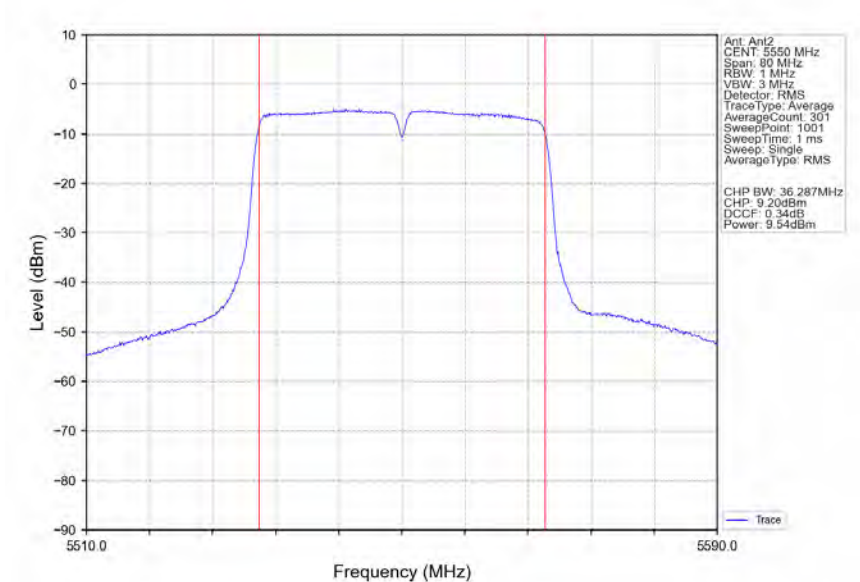
Report No.: KSCR240700123604

Page: 514 of 681

802.11ac(VHT40) MCH_5550MHz_Ant1_NTNV



802.11ac(VHT40) MCH_5550MHz_Ant2_NTNV



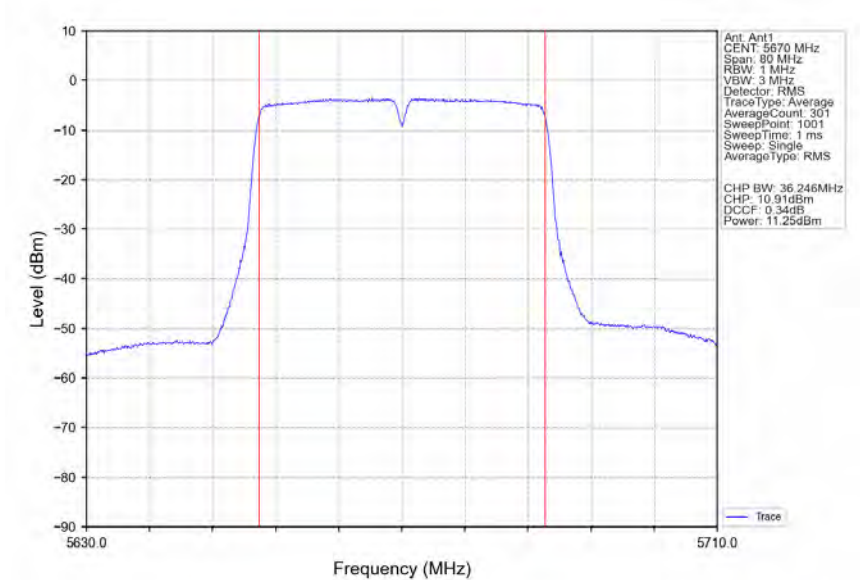
Compliance Certification Services (Kunshan) Inc.

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

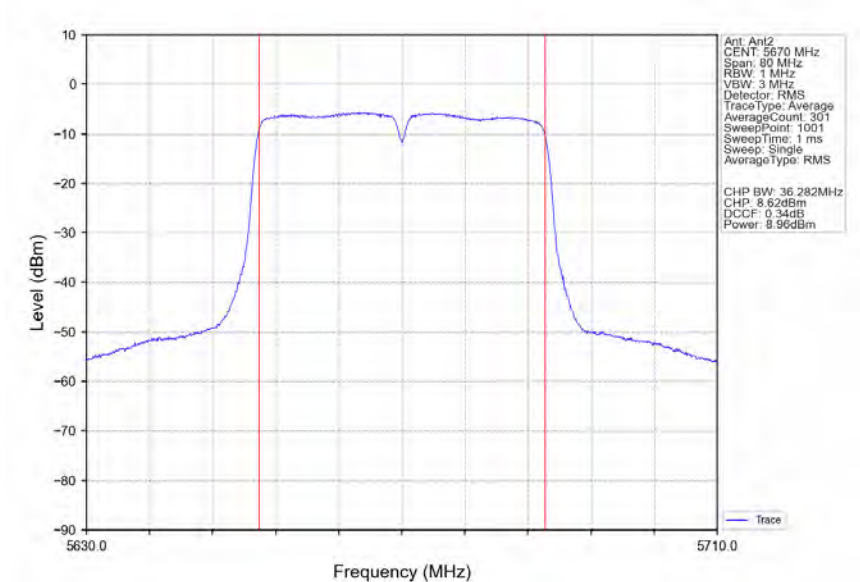
Report No.: KSCR240700123604

Page: 515 of 681

802.11ac(VHT40) HCH 5670MHz Ant1 NTN



802.11ac(VHT40) HCH 5670MHz Ant2 NTN



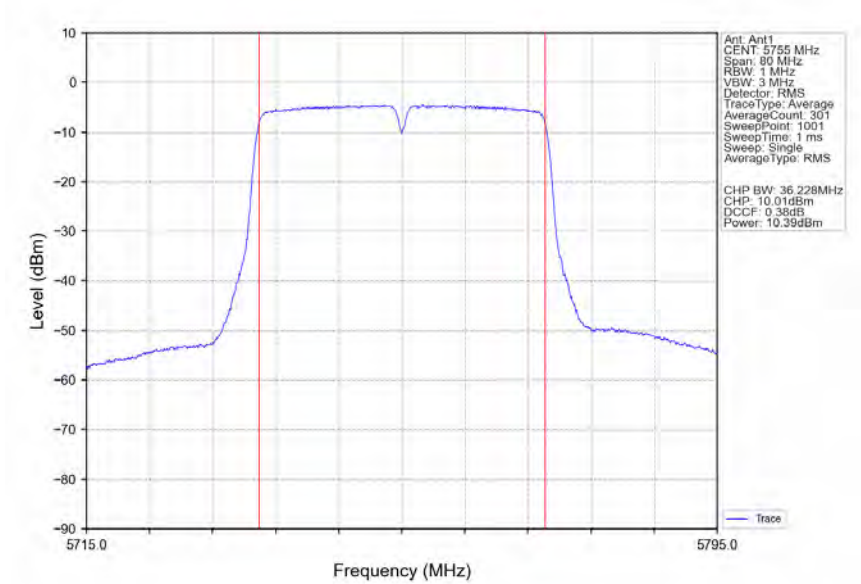
Compliance Certification Services (Kunshan) Inc.

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

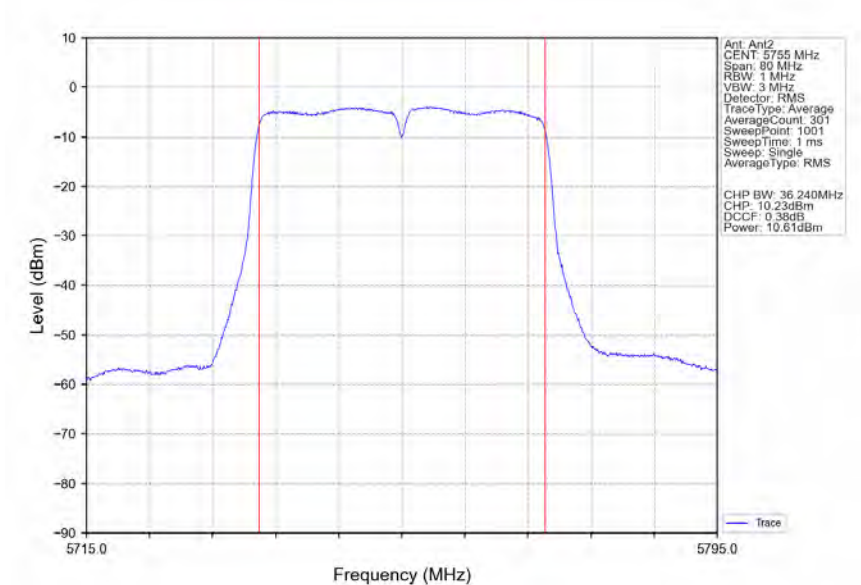
Report No.: KSCR240700123604

Page: 516 of 681

802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant2 NTN



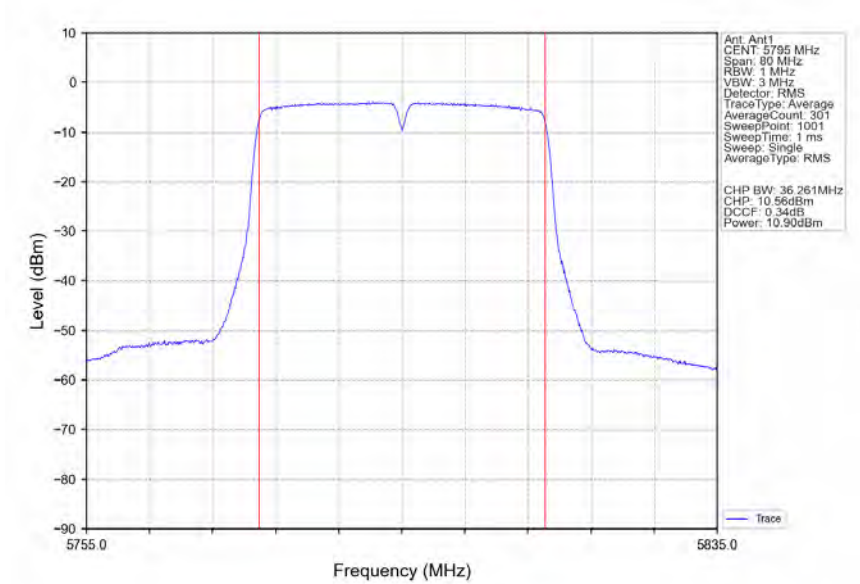
Compliance Certification Services (Kunshan) Inc.

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

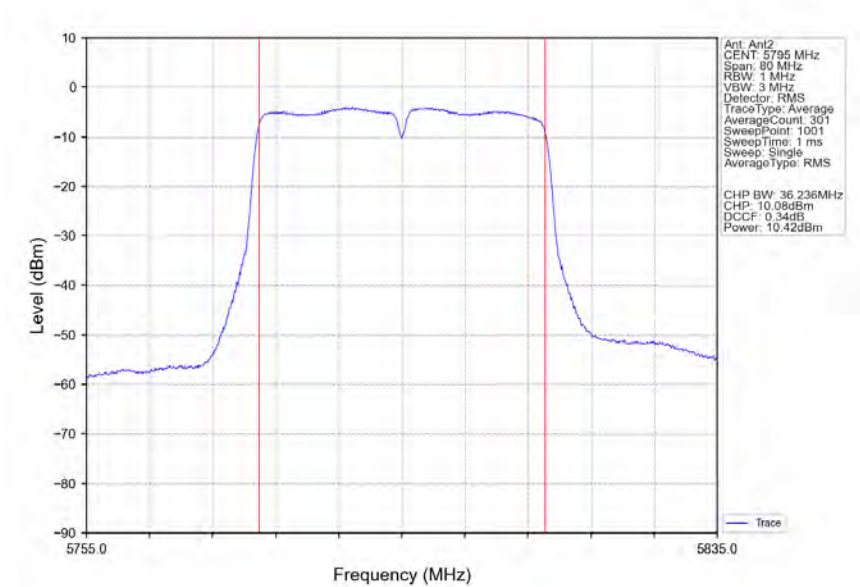
Report No.: KSCR240700123604

Page: 517 of 681

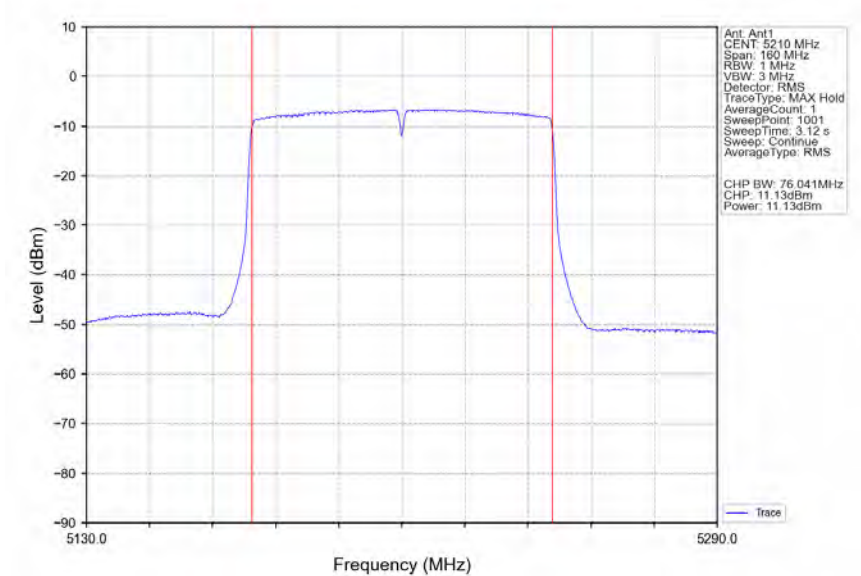
802.11ac(VHT40) HCH 5795MHz Ant1 NTN



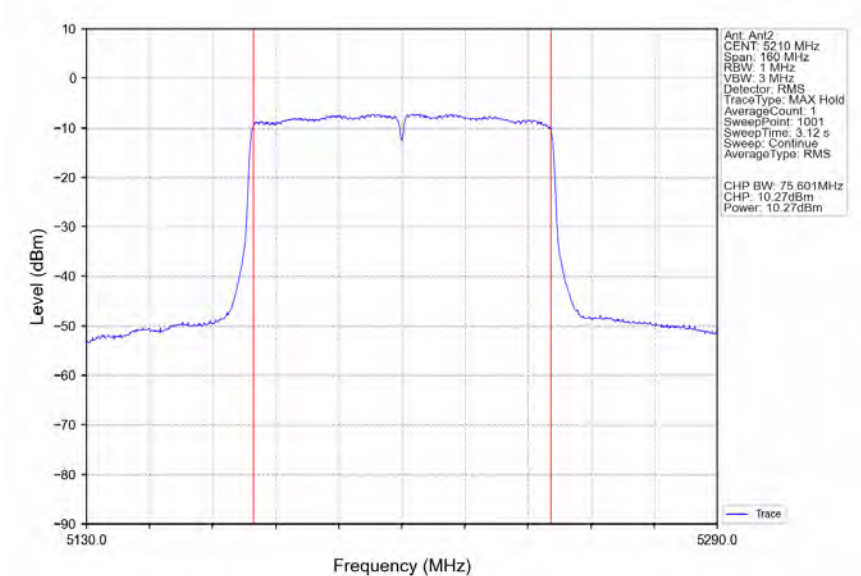
802.11ac(VHT40) HCH 5795MHz Ant2 NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTN



802.11ac(VHT80) MCH 5210MHz Ant2 NTN



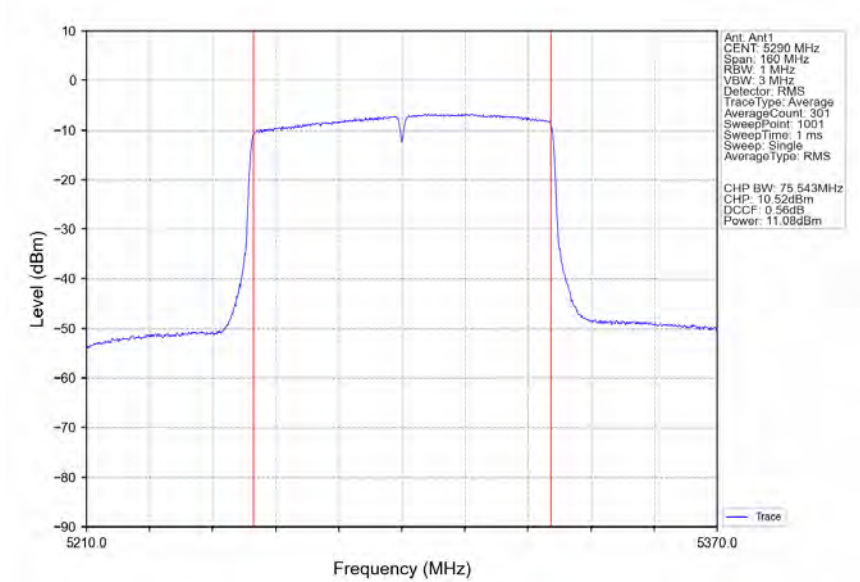
Compliance Certification Services (Kunshan) Inc.

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

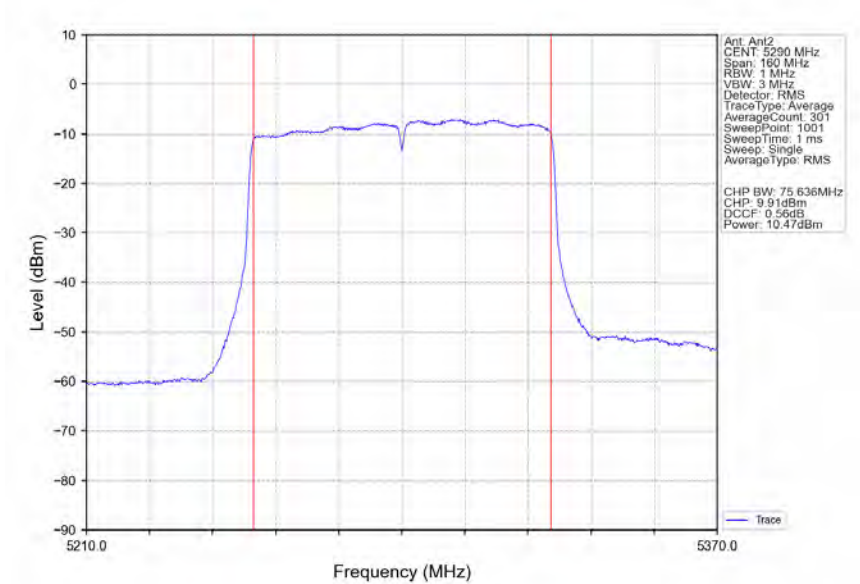
Report No.: KSCR240700123604

Page: 519 of 681

802.11ac(VHT80) MCH_5290MHz Ant1 NTN



802.11ac(VHT80) MCH_5290MHz Ant2 NTN



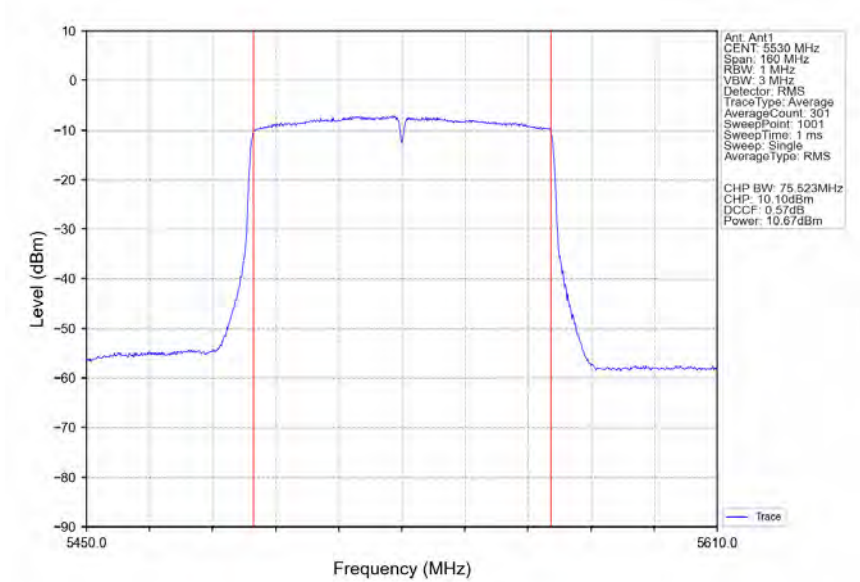
Compliance Certification Services (Kunshan) Inc.

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

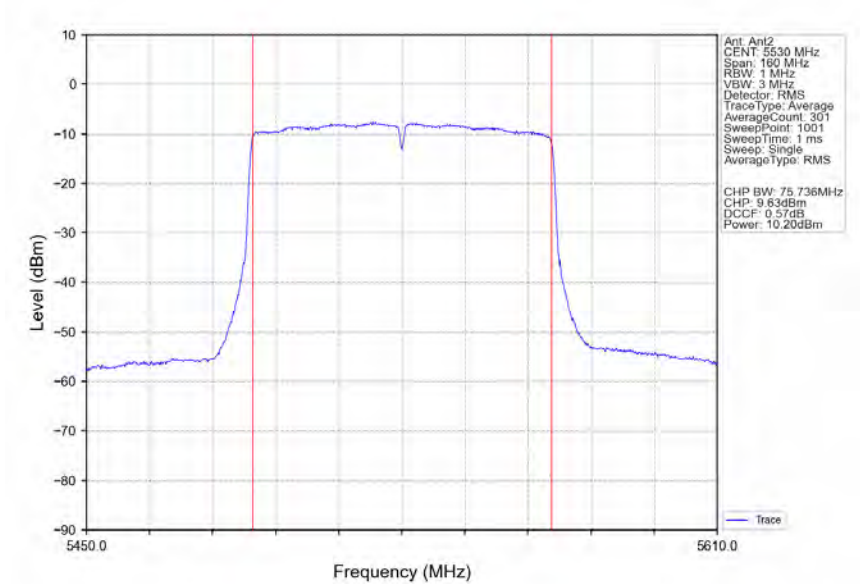
Report No.: KSCR240700123604

Page: 520 of 681

802.11ac(VHT80) LCH 5530MHz Ant1 NTN



802.11ac(VHT80) LCH 5530MHz Ant2 NTN



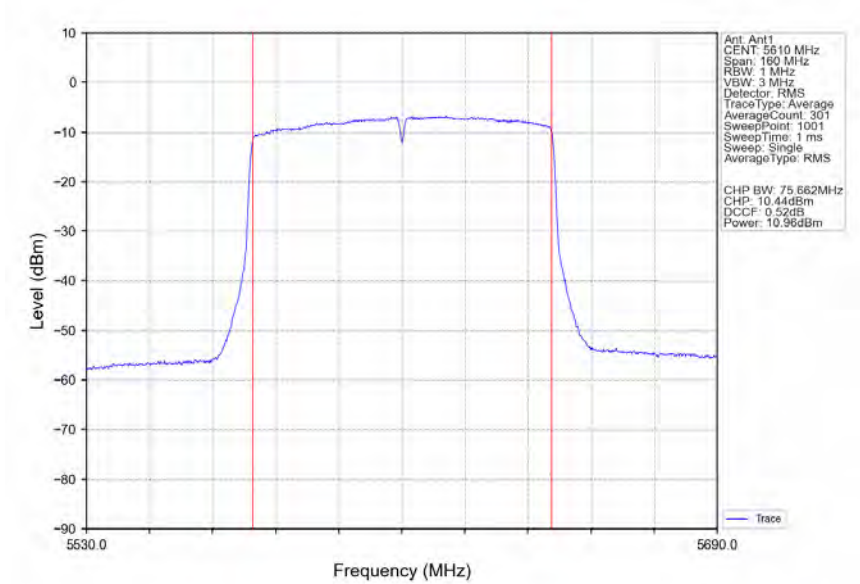
Compliance Certification Services (Kunshan) Inc.

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

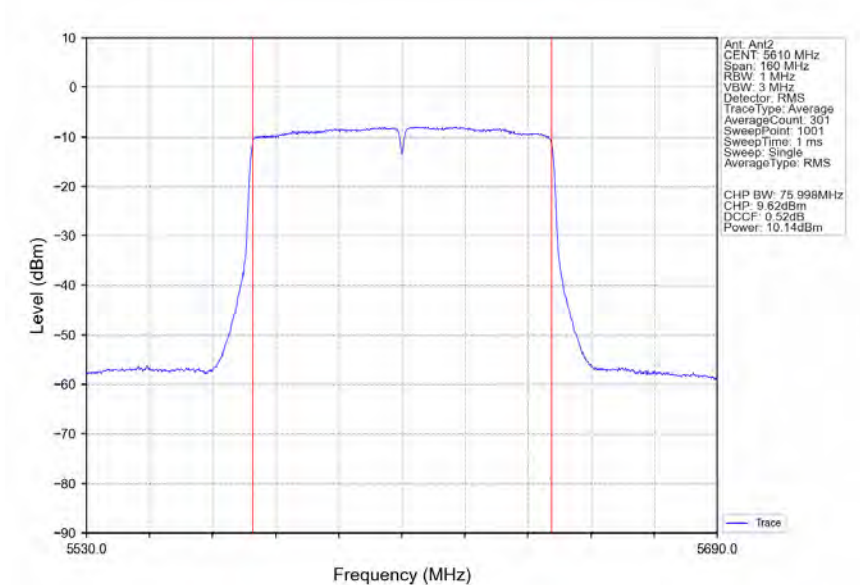
Report No.: KSCR240700123604

Page: 521 of 681

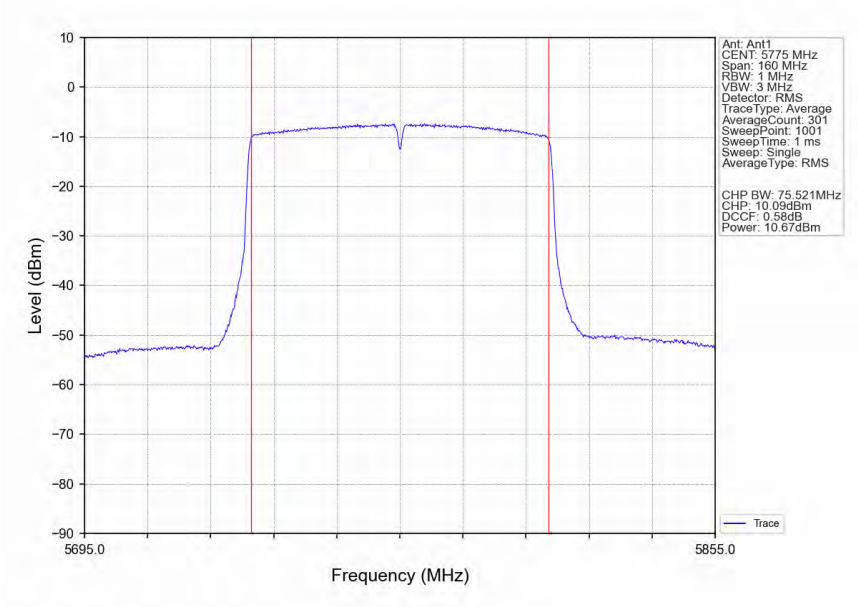
802.11ac(VHT80) HCH 5610MHz Ant1 NTN



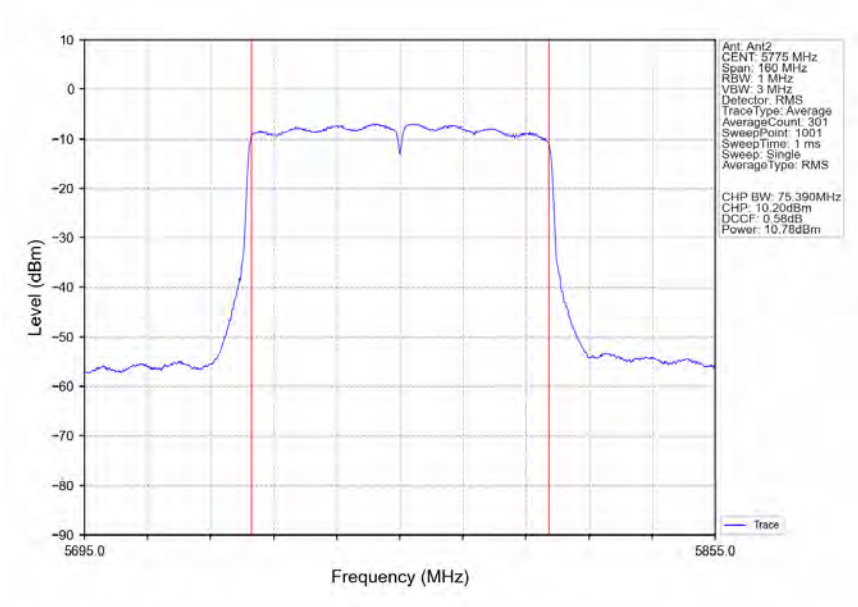
802.11ac(VHT80) HCH 5610MHz Ant2 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant2 NTN



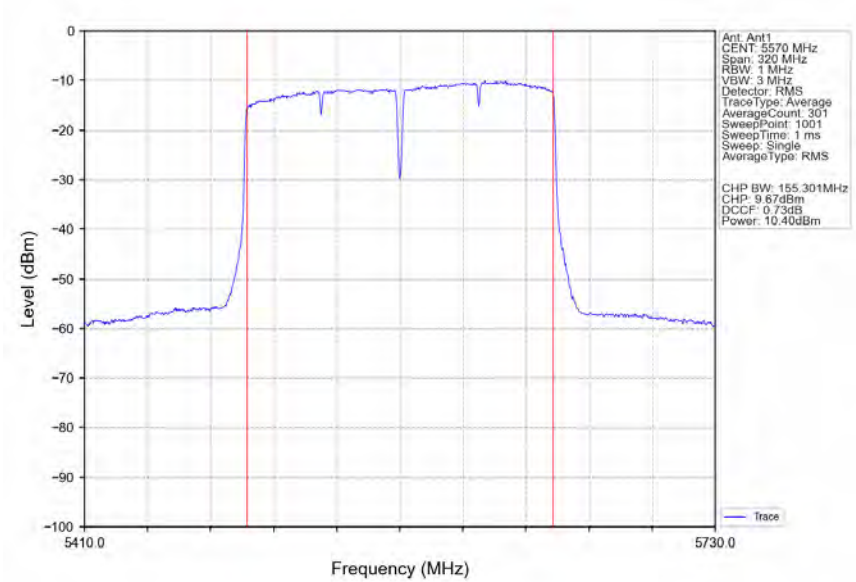
Compliance Certification Services (Kunshan) Inc.

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

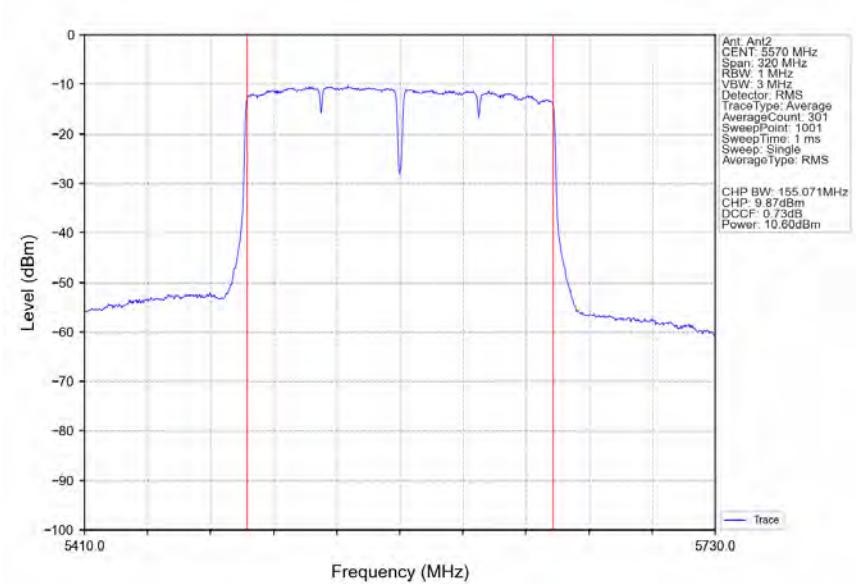
Report No.: KSCR240700123604

Page: 523 of 681

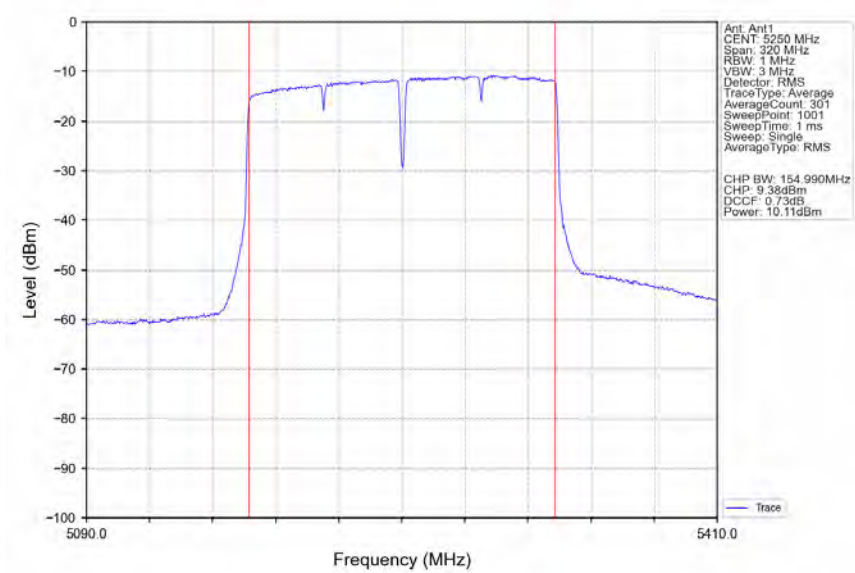
802.11ac(VHT160) MCH 5570MHz Ant1 NTN



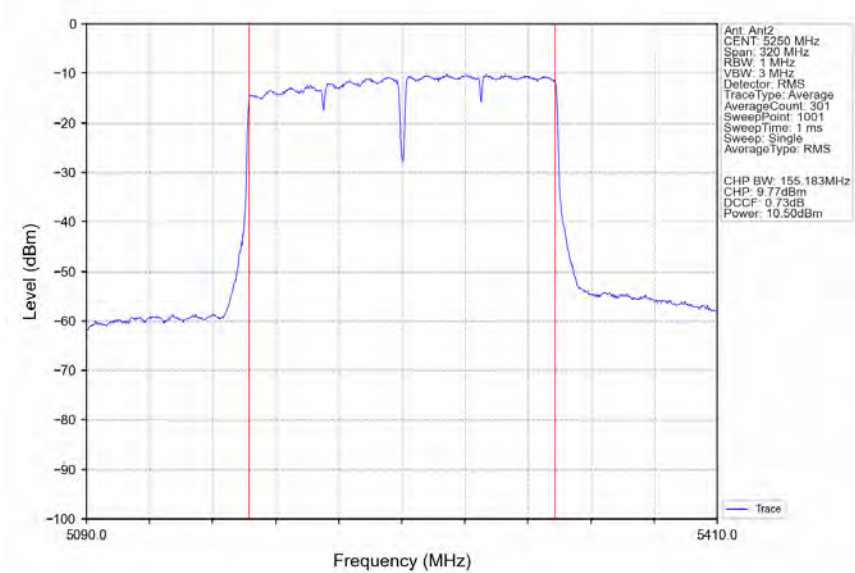
802.11ac(VHT160) MCH 5570MHz Ant2 NTN



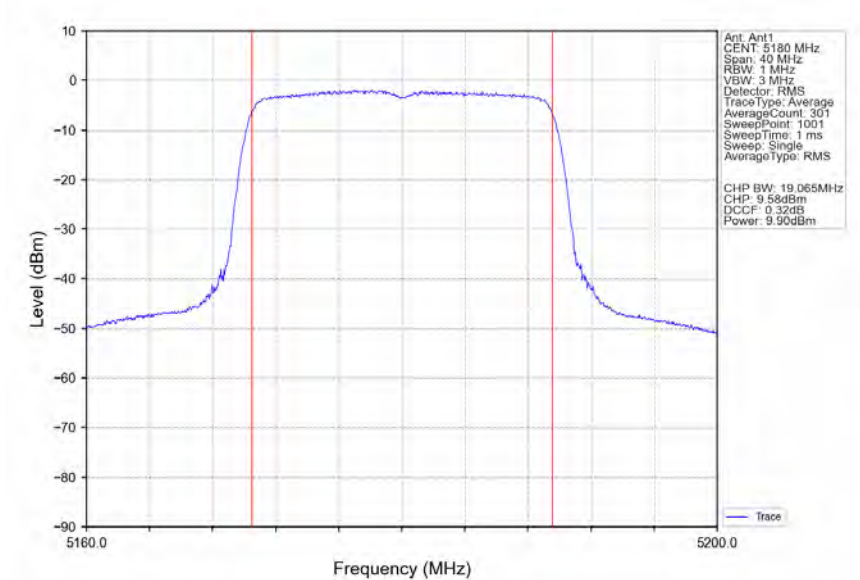
802.11ac(VHT160) MCH 5250MHz Ant1 NTN



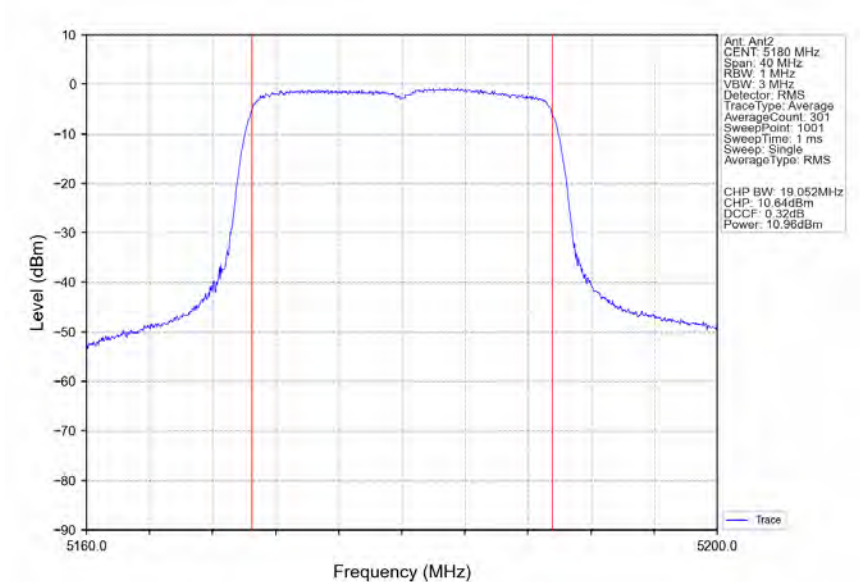
802.11ac(VHT160) MCH 5250MHz Ant2 NTN



802.11ax(HEW20) LCH 5180MHz RU242 Left Ant1 NTN



802.11ax(HEW20) LCH 5180MHz RU242 Left Ant2 NTN



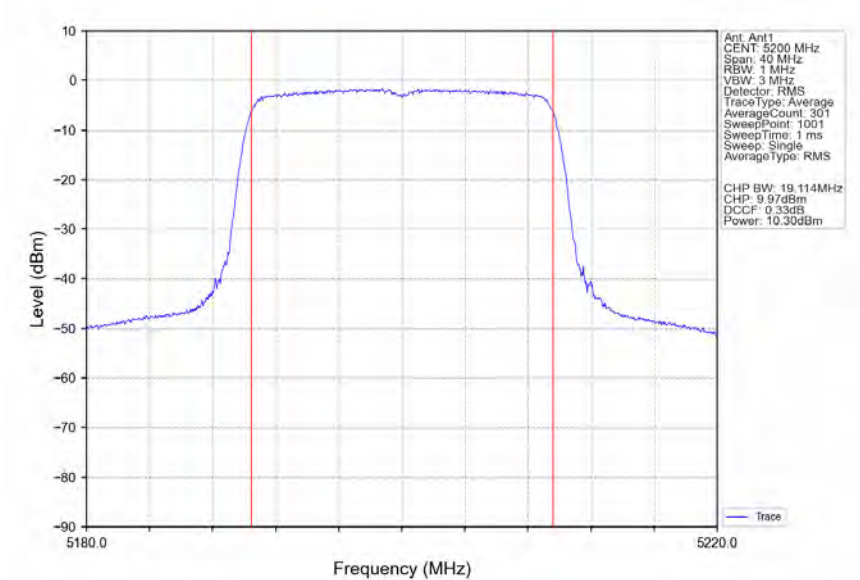
Compliance Certification Services (Kunshan) Inc.

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

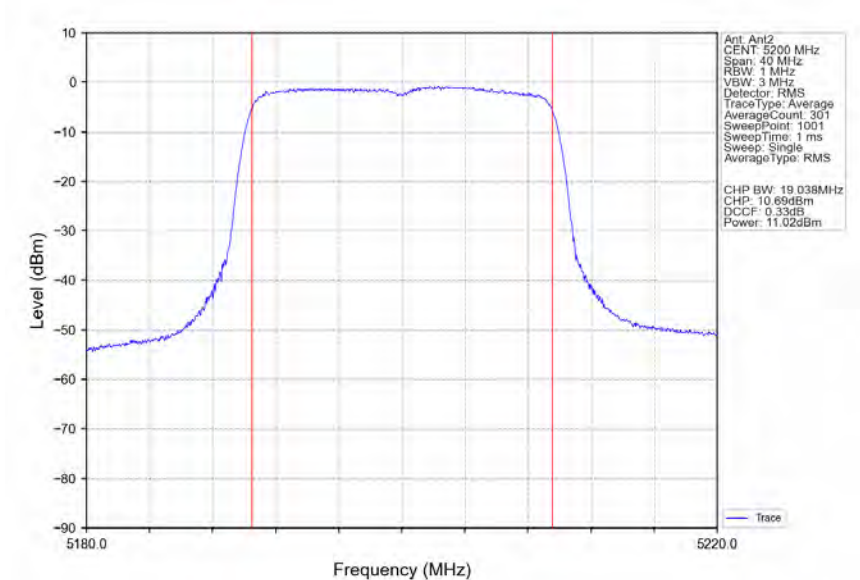
Report No.: KSCR240700123604

Page: 526 of 681

802.11ax(HEW20) MCH 5200MHz RU242 Left Ant1 NTNW



802.11ax(HEW20) MCH 5200MHz RU242 Left Ant2 NTNW



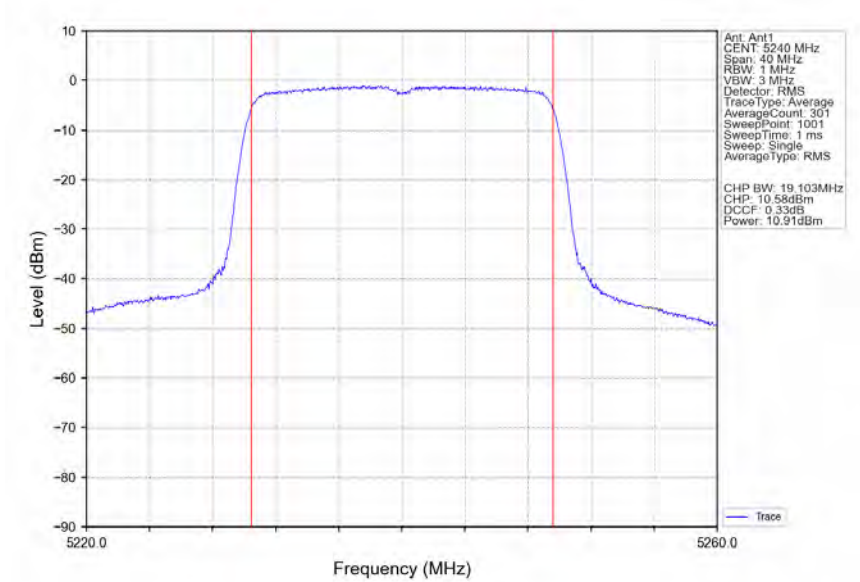
Compliance Certification Services (Kunshan) Inc.

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

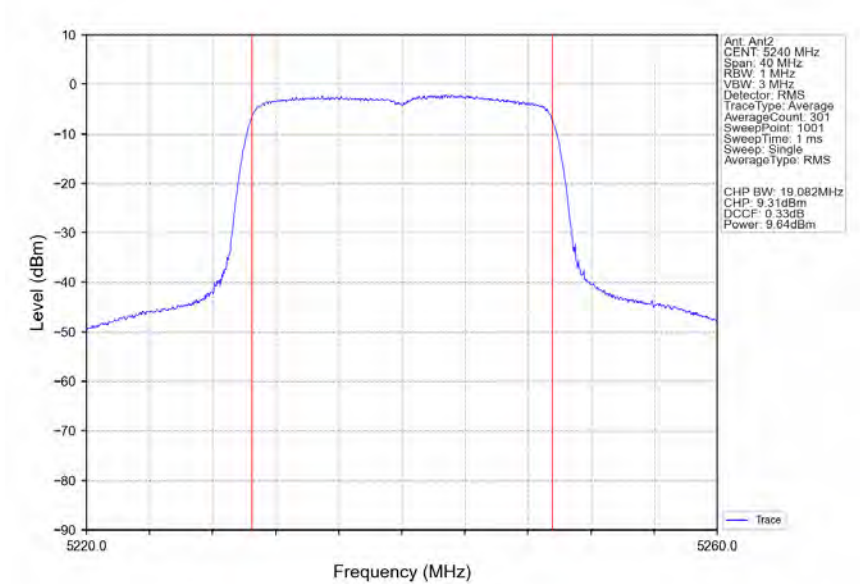
Report No.: KSCR240700123604

Page: 527 of 681

802.11ax(HEW20) HCH 5240MHz RU242 Left Ant1 NTN



802.11ax(HEW20) HCH 5240MHz RU242 Left Ant2 NTN



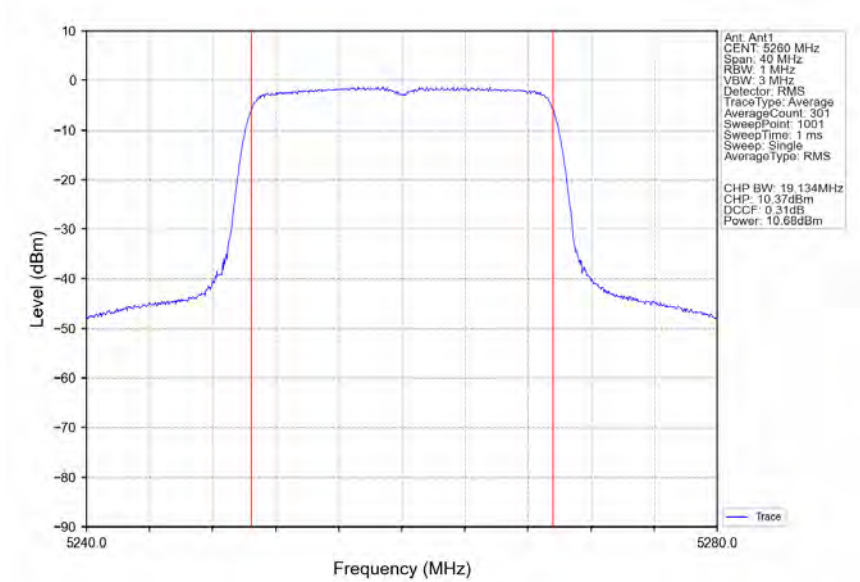
Compliance Certification Services (Kunshan) Inc.

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

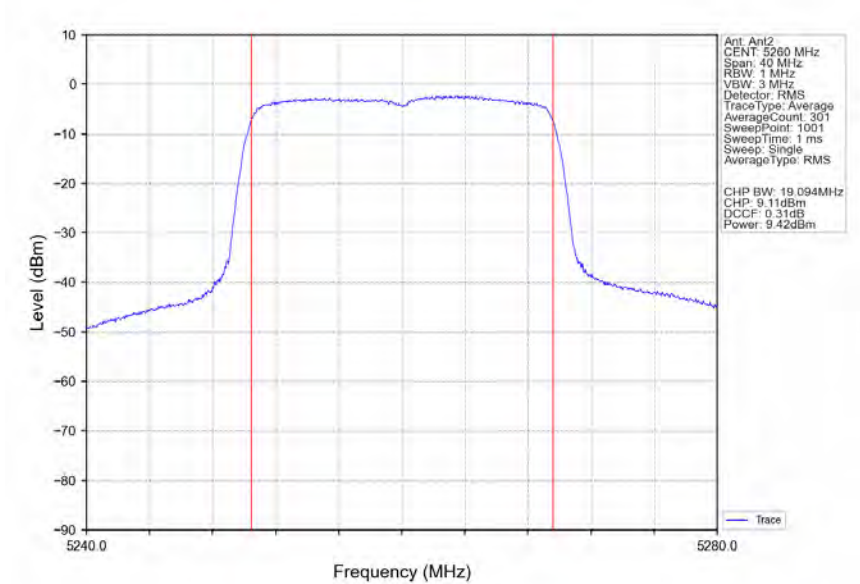
Report No.: KSCR240700123604

Page: 528 of 681

802.11ax(HEW20) LCH 5260MHz RU242 Left Ant1 NTN



802.11ax(HEW20) LCH 5260MHz RU242 Left Ant2 NTN



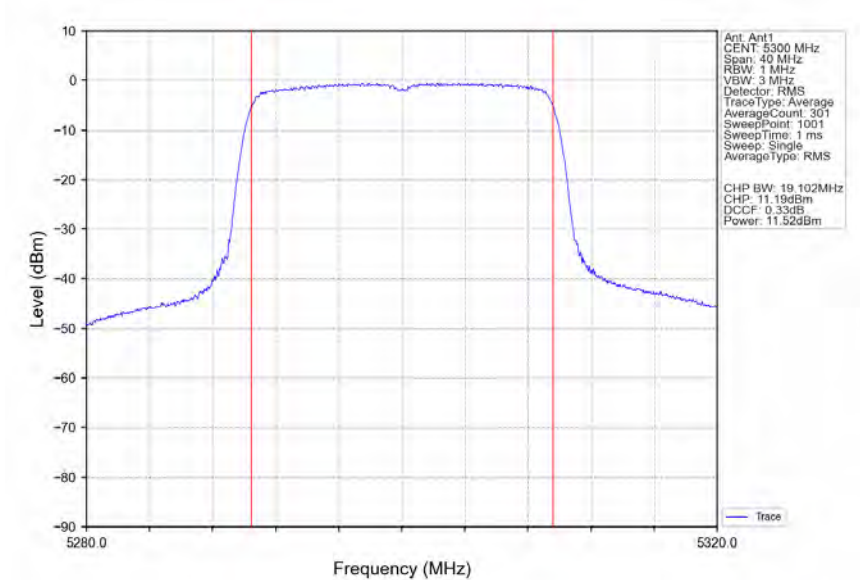
Compliance Certification Services (Kunshan) Inc.

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

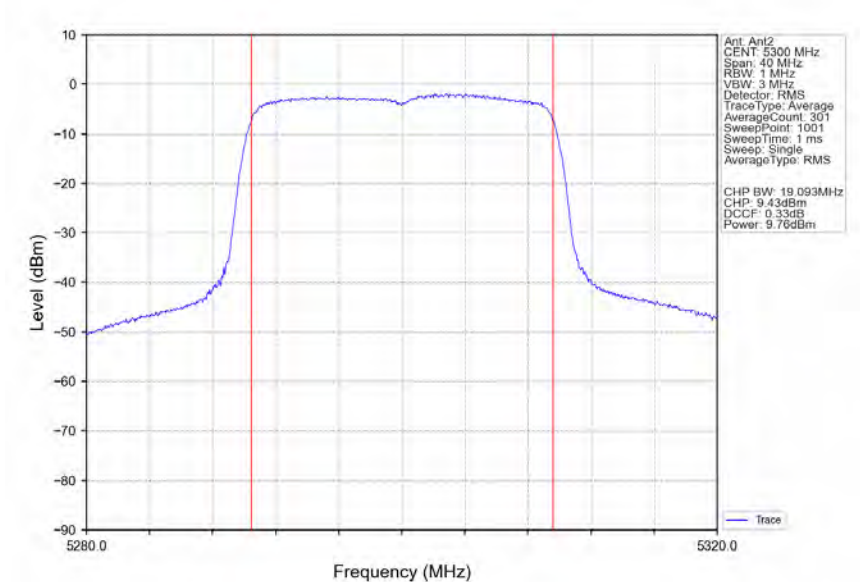
Report No.: KSCR240700123604

Page: 529 of 681

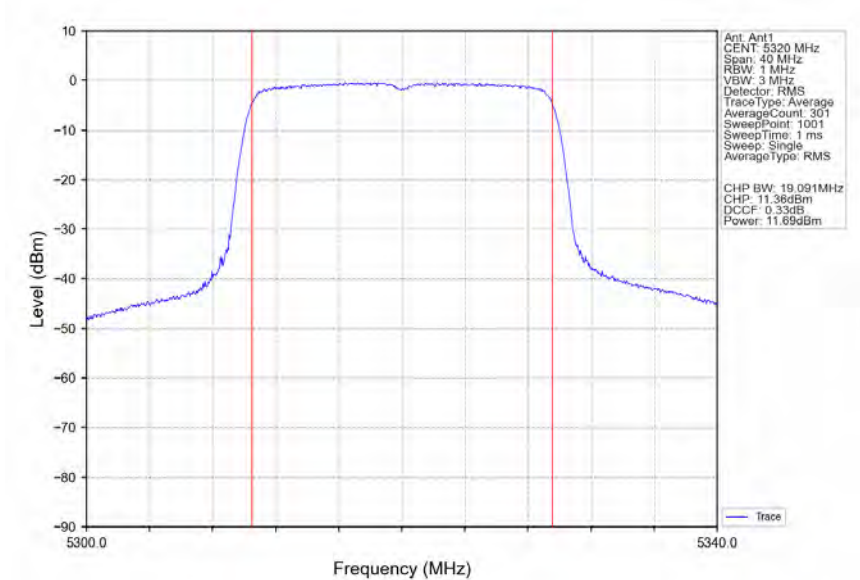
802.11ax(HEW20) MCH_5300MHz RU242 Left Ant1 NTNv



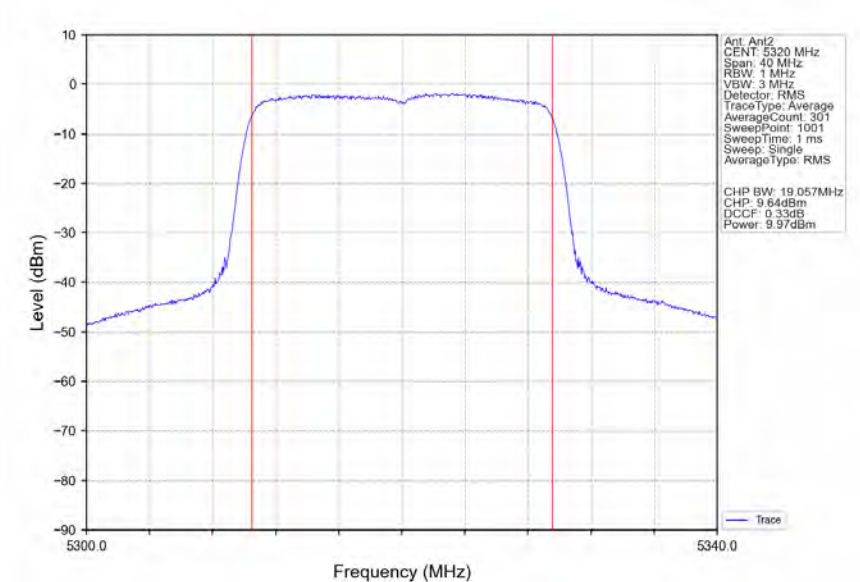
802.11ax(HEW20) MCH_5300MHz RU242 Left Ant2 NTNv



802.11ax(HEW20) HCH 5320MHz RU242 Left Ant1 NTN



802.11ax(HEW20) HCH 5320MHz RU242 Left Ant2 NTN



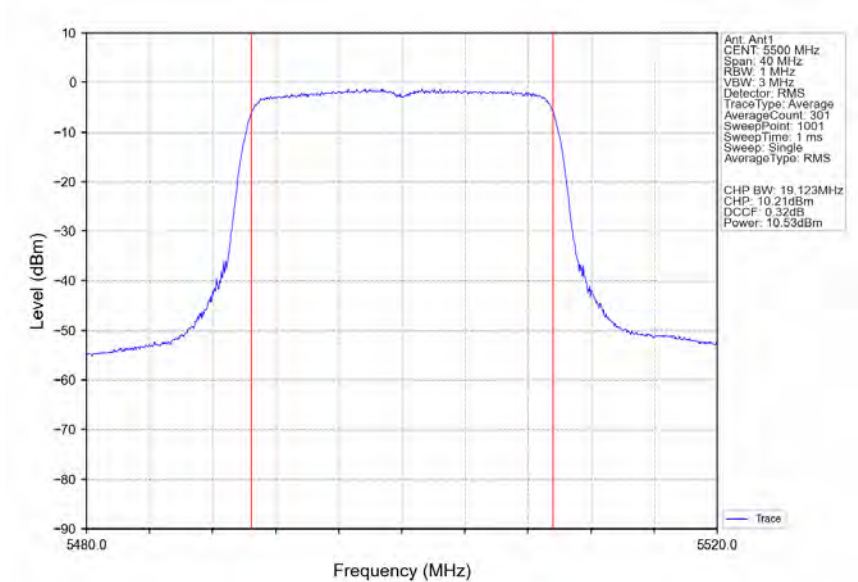
Compliance Certification Services (Kunshan) Inc.

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

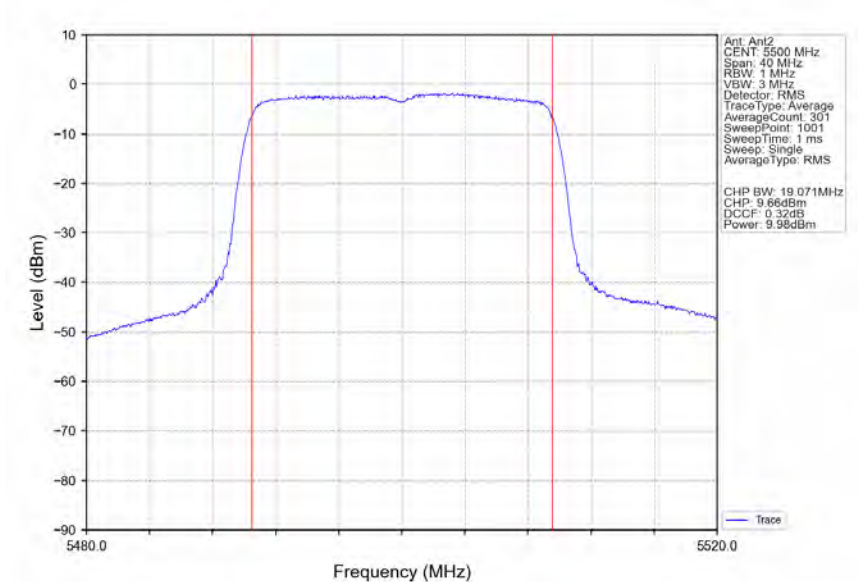
Report No.: KSCR240700123604

Page: 531 of 681

802.11ax(HEW20) LCH 5500MHz RU242 Left Ant1 NTN



802.11ax(HEW20) LCH 5500MHz RU242 Left Ant2 NTN



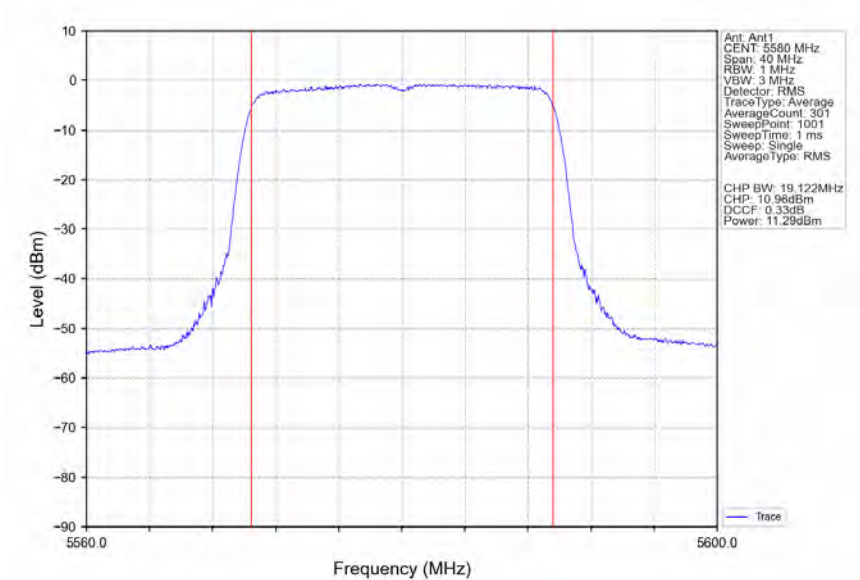
Compliance Certification Services (Kunshan) Inc.

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

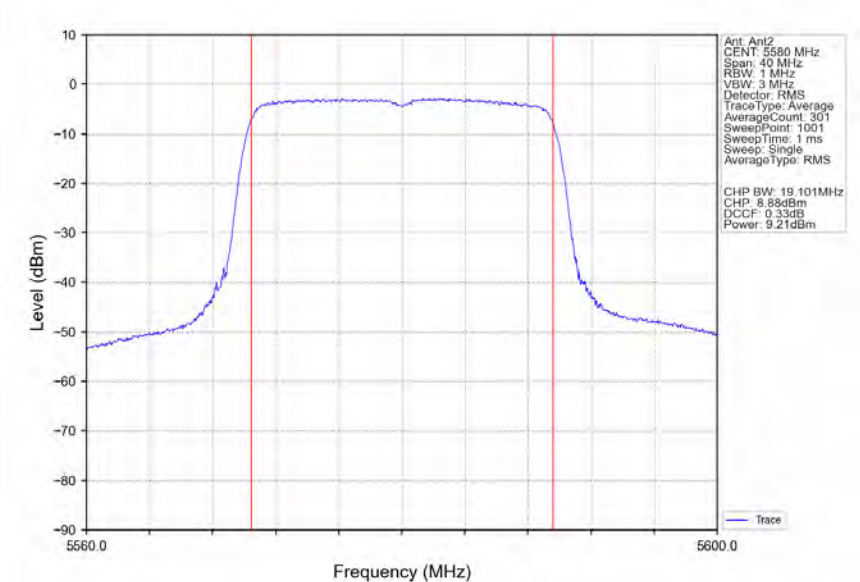
Report No.: KSCR240700123604

Page: 532 of 681

802.11ax(HEW20) MCH_5580MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20) MCH_5580MHz_RU242_Left_Ant2_NTNV



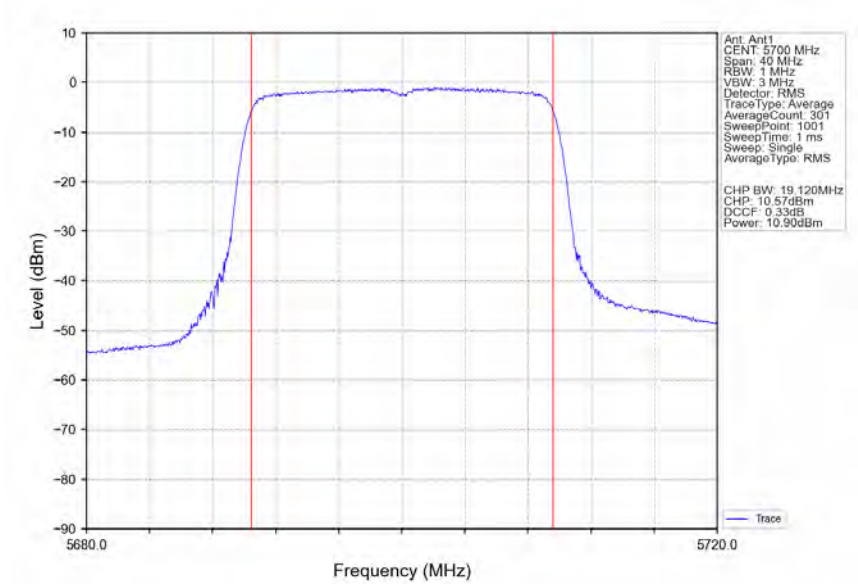
Compliance Certification Services (Kunshan) Inc.

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

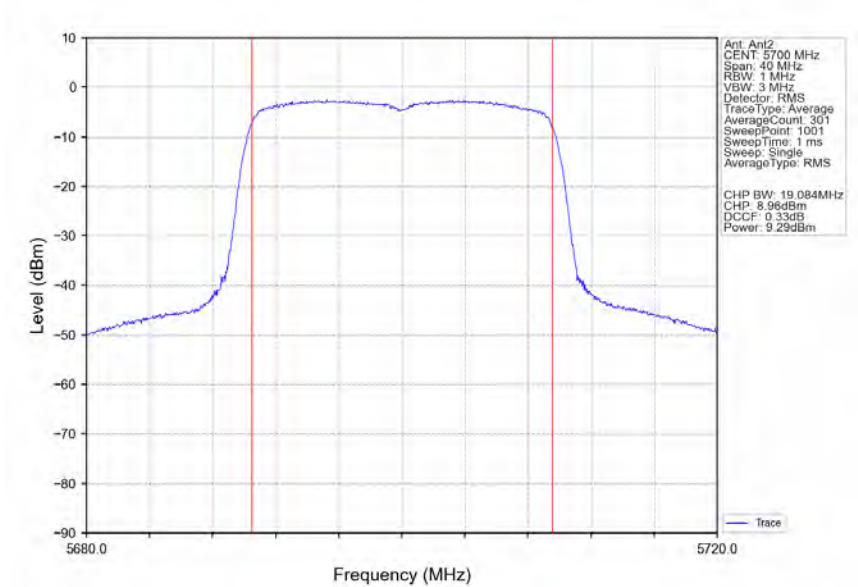
Report No.: KSCR240700123604

Page: 533 of 681

802.11ax(HEW20) HCH 5700MHz RU242 Left Ant1 NTN



802.11ax(HEW20) HCH 5700MHz RU242 Left Ant2 NTN



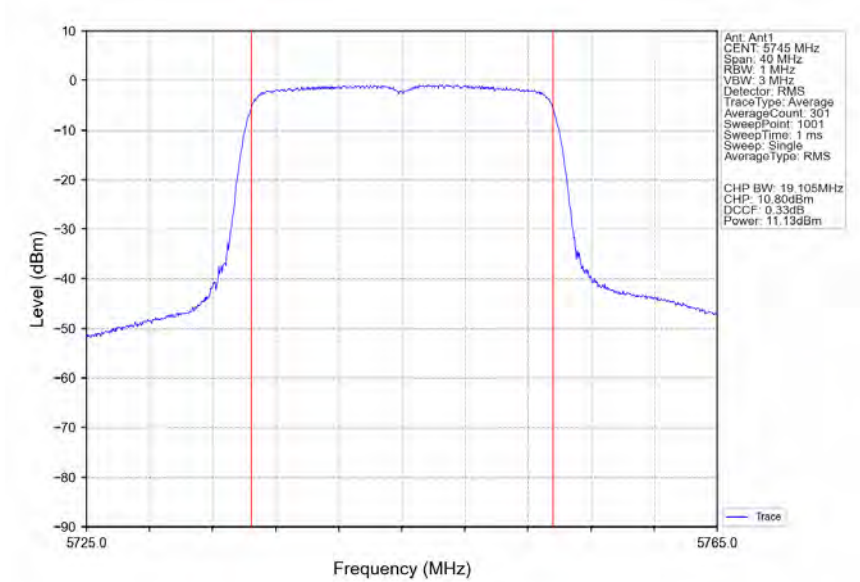
Compliance Certification Services (Kunshan) Inc.

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

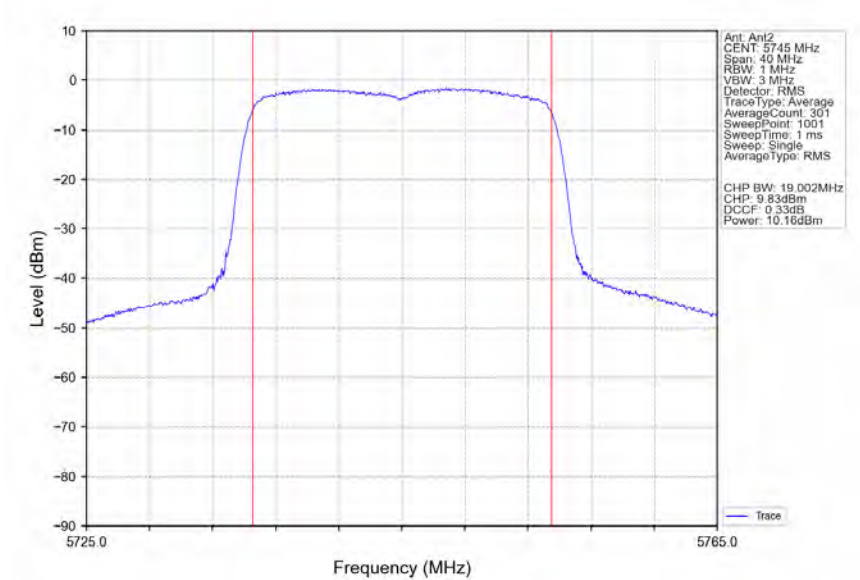
Report No.: KSCR240700123604

Page: 534 of 681

802.11ax(HEW20) LCH 5745MHz RU242 Left Ant1 NTNW



802.11ax(HEW20) LCH 5745MHz RU242 Left Ant2 NTNW



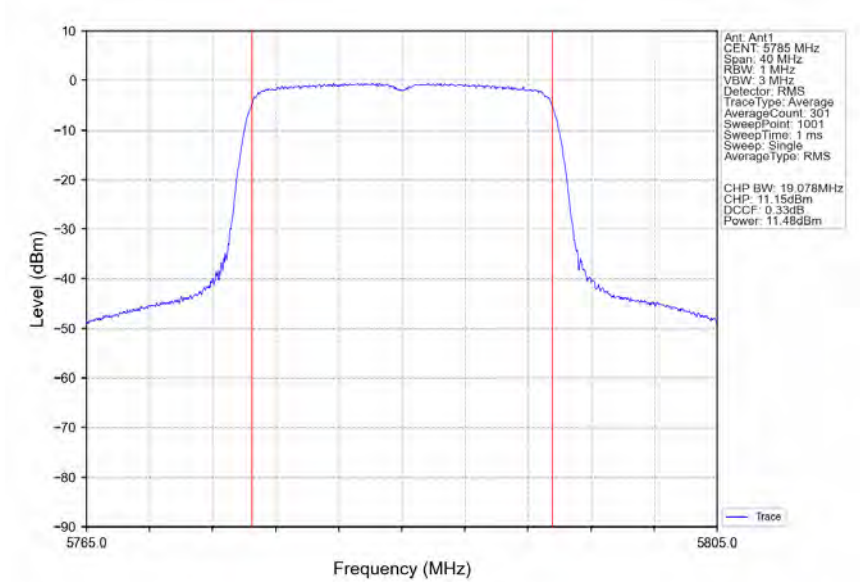
Compliance Certification Services (Kunshan) Inc.

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

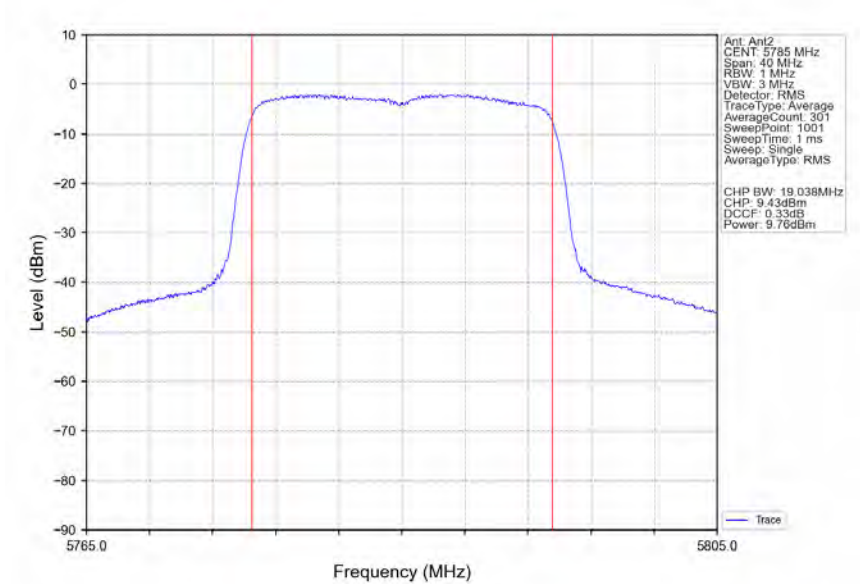
Report No.: KSCR240700123604

Page: 535 of 681

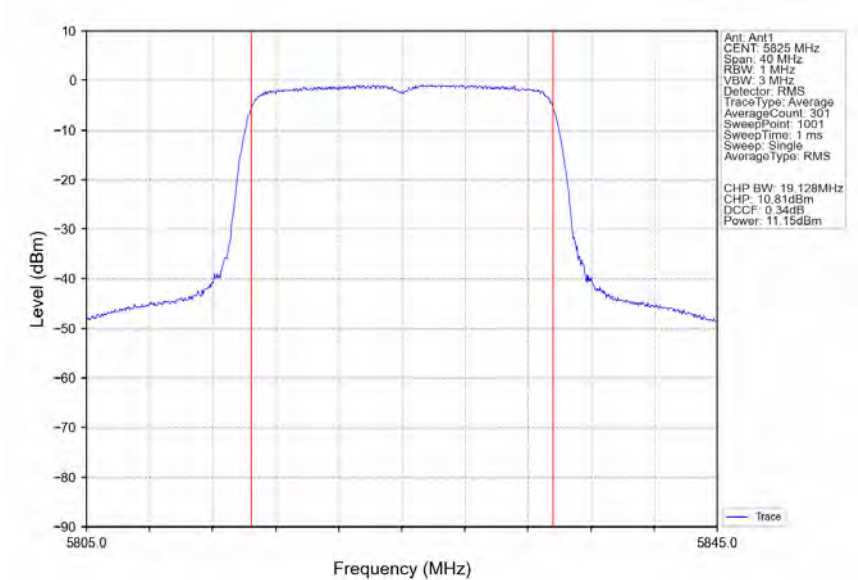
802.11ax(HEW20) MCH_5785MHz RU242 Left Ant1 NTNW



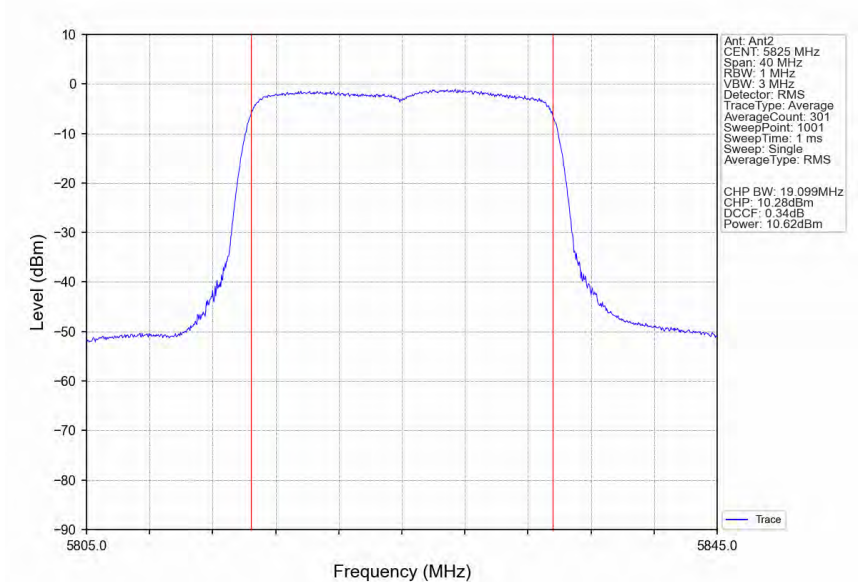
802.11ax(HEW20) MCH_5785MHz RU242 Left Ant2 NTNW



802.11ax(HEW20) HCH 5825MHz RU242 Left Ant1 NTN



802.11ax(HEW20) HCH 5825MHz RU242 Left Ant2 NTN



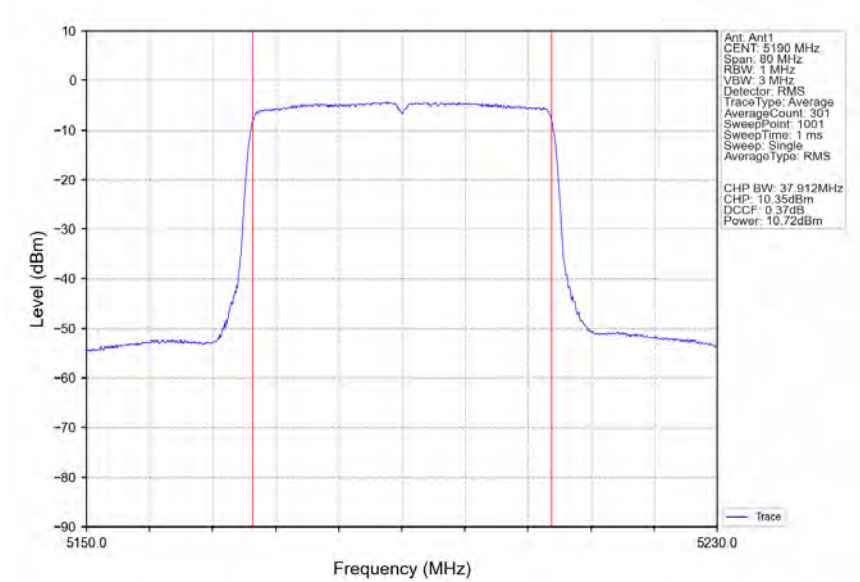
Compliance Certification Services (Kunshan) Inc.

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

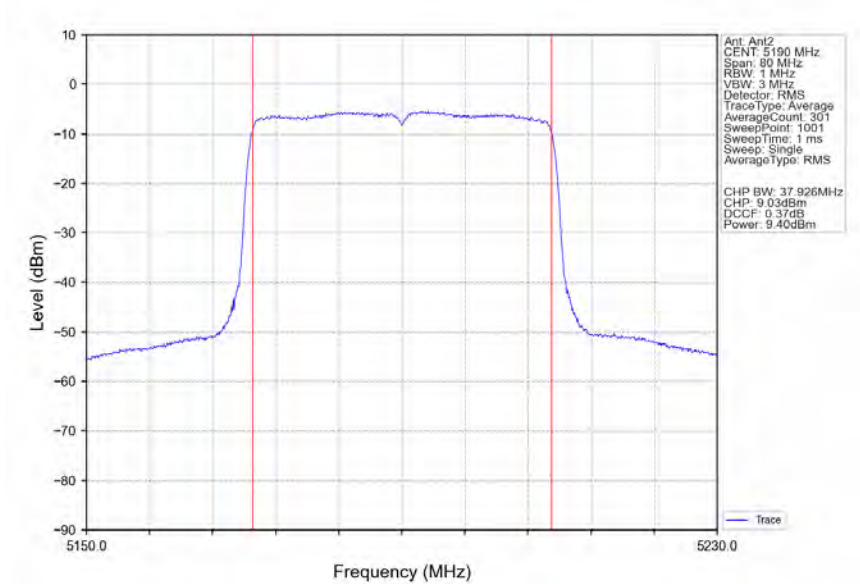
Report No.: KSCR240700123604

Page: 537 of 681

802.11ax(HEW40) LCH 5190MHz RU484 Left Ant1 NTN



802.11ax(HEW40) LCH 5190MHz RU484 Left Ant2 NTN



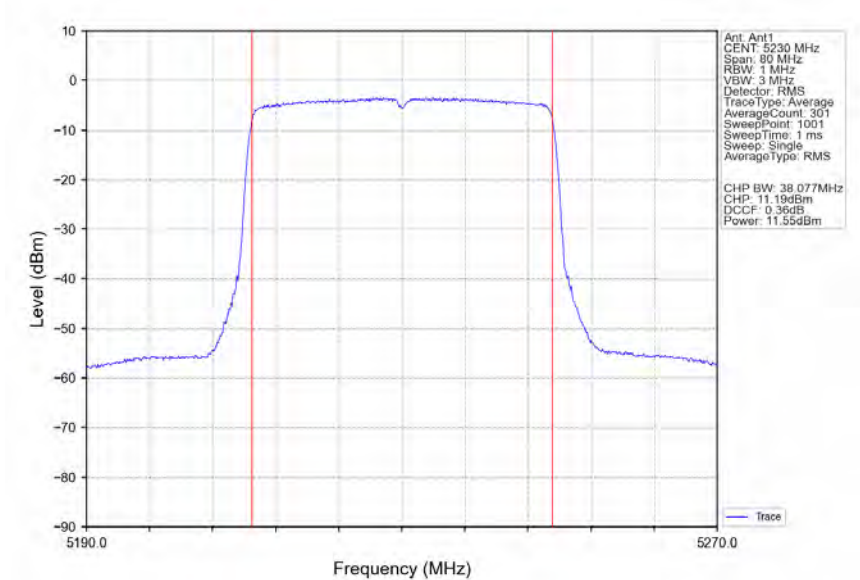
Compliance Certification Services (Kunshan) Inc.

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

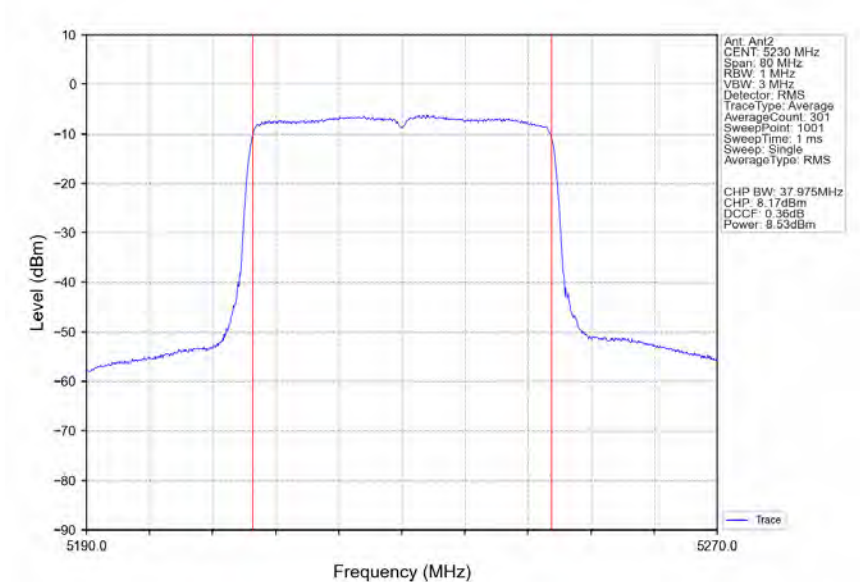
Report No.: KSCR240700123604

Page: 538 of 681

802.11ax(HEW40) HCH 5230MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5230MHz RU484 Left Ant2 NTN



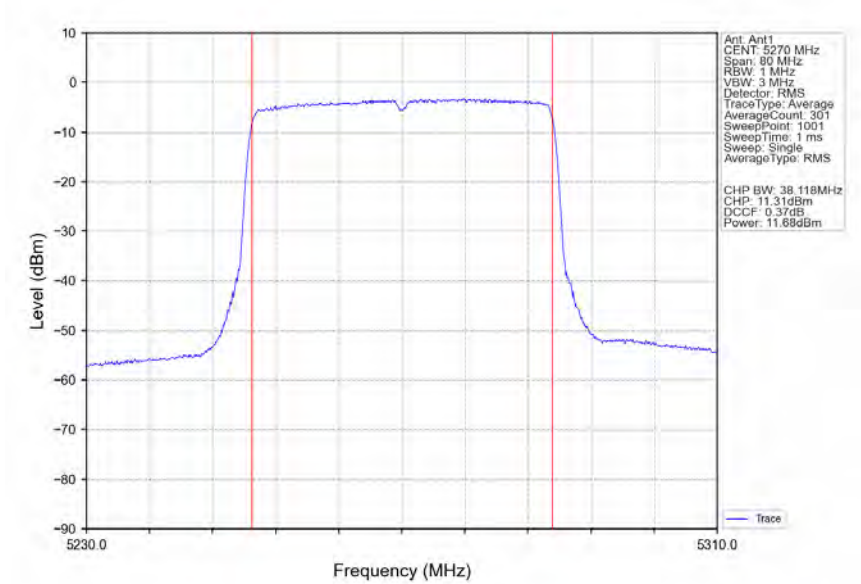
Compliance Certification Services (Kunshan) Inc.

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

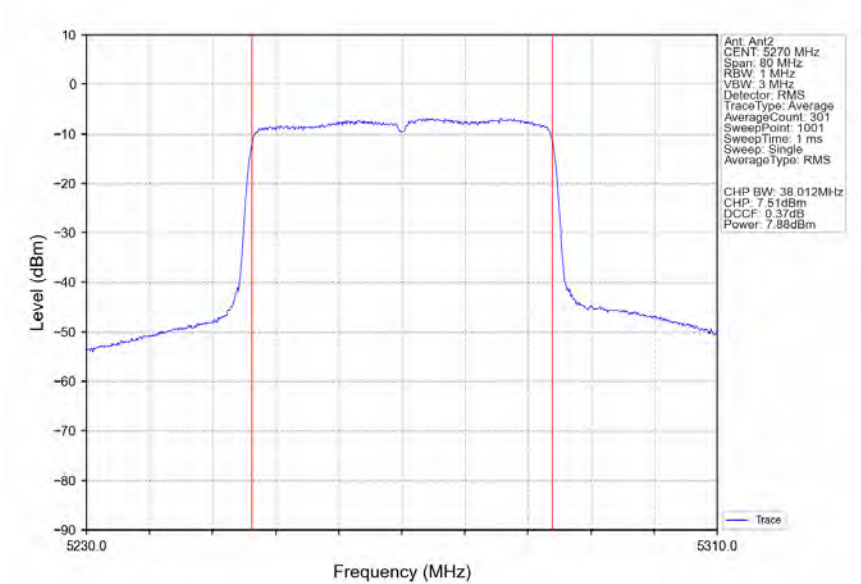
Report No.: KSCR240700123604

Page: 539 of 681

802.11ax(HEW40) LCH 5270MHz RU484 Left Ant1 NTN



802.11ax(HEW40) LCH 5270MHz RU484 Left Ant2 NTN



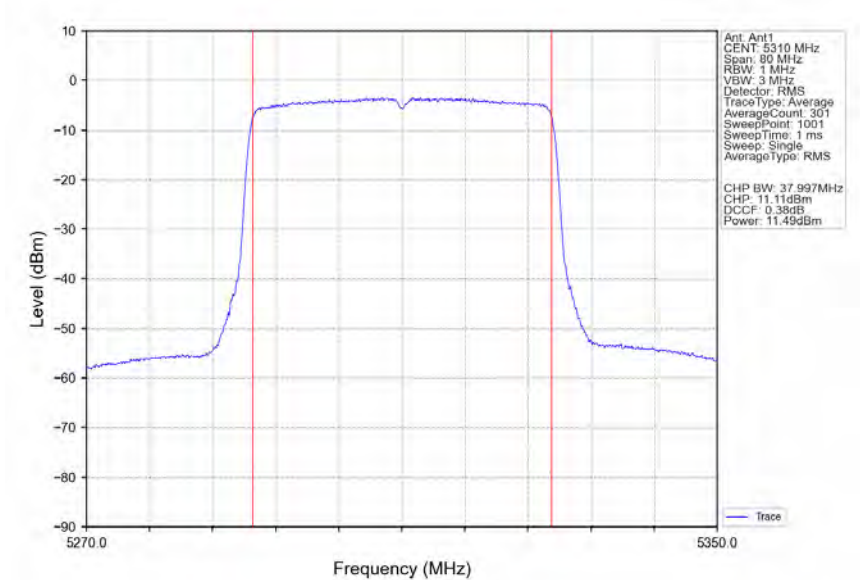
Compliance Certification Services (Kunshan) Inc.

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

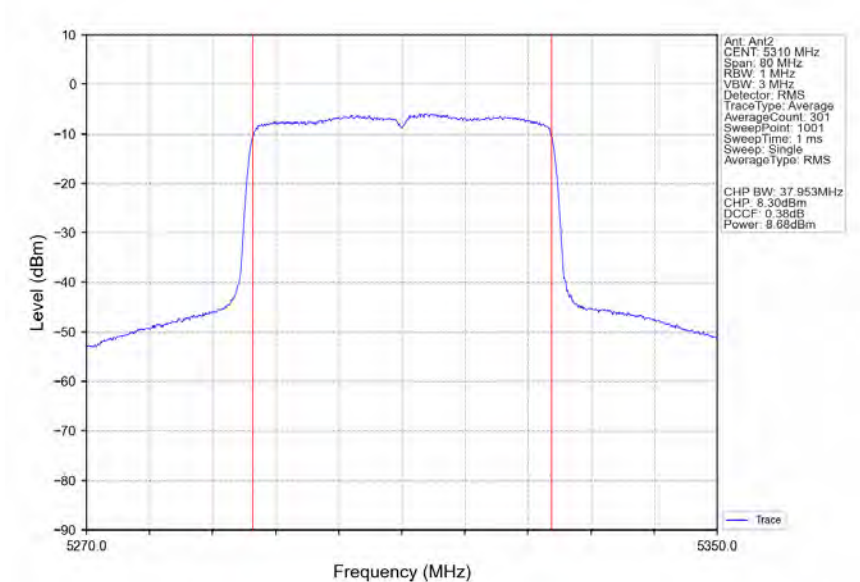
Report No.: KSCR240700123604

Page: 540 of 681

802.11ax(HEW40) HCH 5310MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5310MHz RU484 Left Ant2 NTN



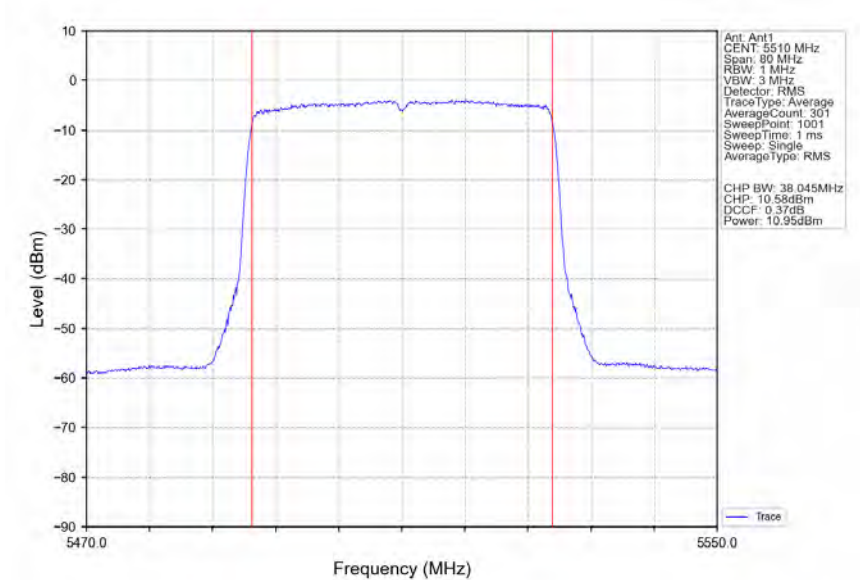
Compliance Certification Services (Kunshan) Inc.

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

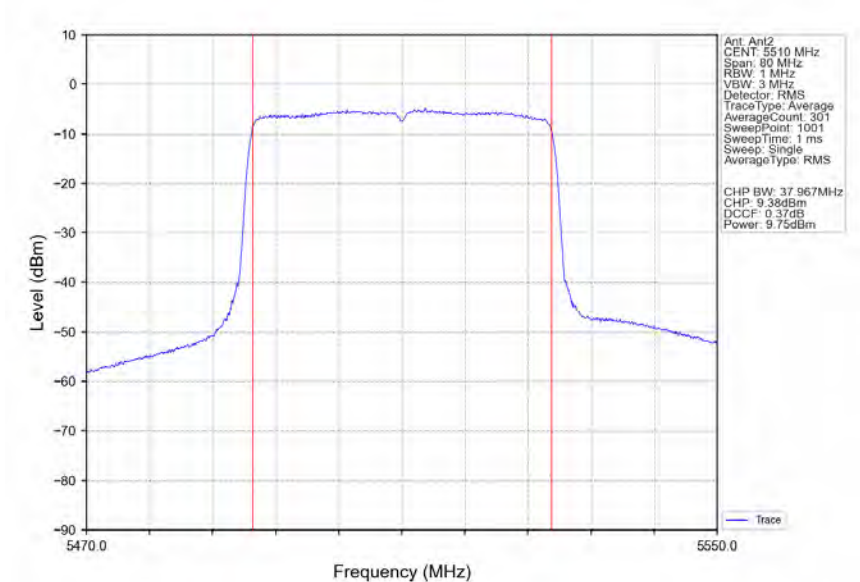
Report No.: KSCR240700123604

Page: 541 of 681

802.11ax(HEW40) LCH 5510MHz RU484 Left Ant1 NTN



802.11ax(HEW40) LCH 5510MHz RU484 Left Ant2 NTN



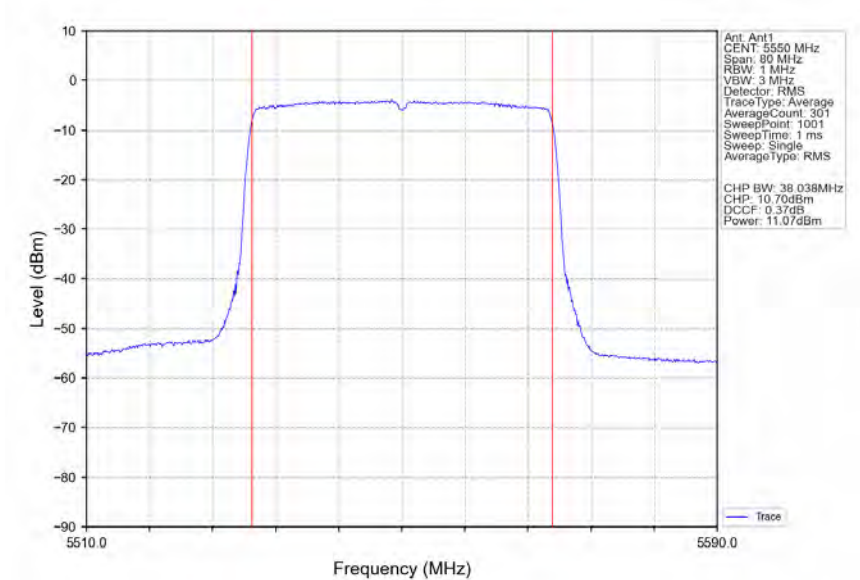
Compliance Certification Services (Kunshan) Inc.

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

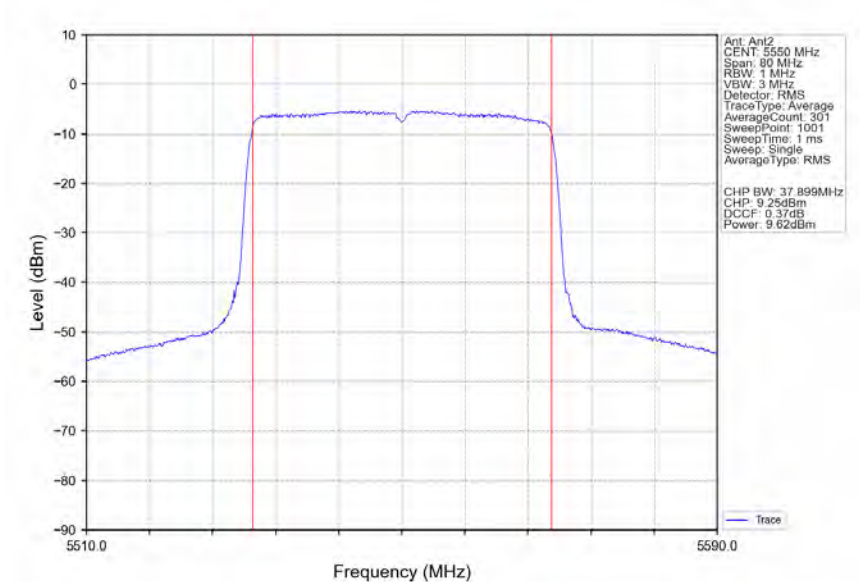
Report No.: KSCR240700123604

Page: 542 of 681

802.11ax(HEW40) MCH_5550MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40) MCH_5550MHz_RU484_Left_Ant2_NTNV



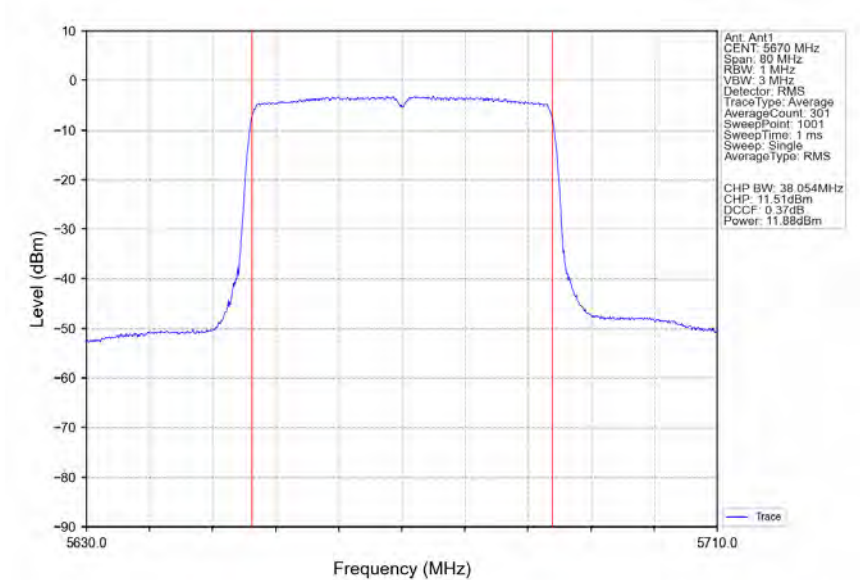
Compliance Certification Services (Kunshan) Inc.

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

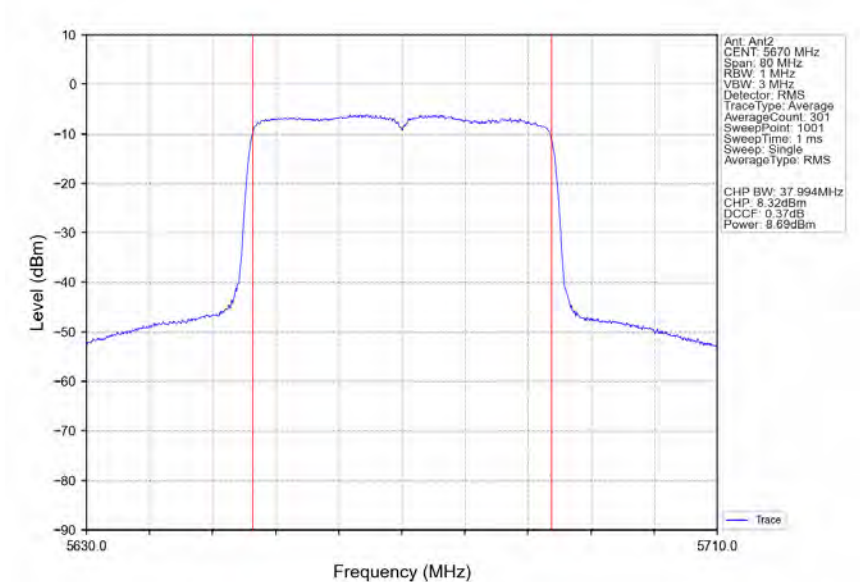
Report No.: KSCR240700123604

Page: 543 of 681

802.11ax(HEW40) HCH 5670MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5670MHz RU484 Left Ant2 NTN



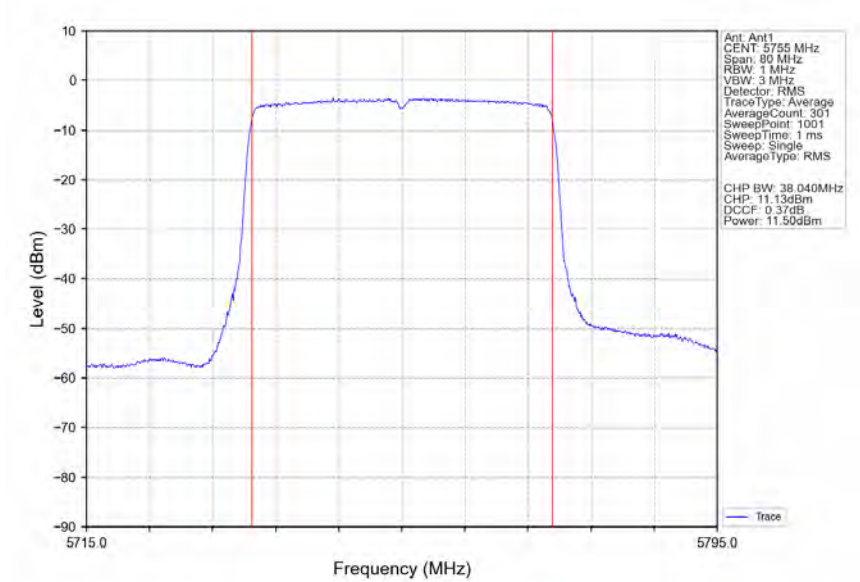
Compliance Certification Services (Kunshan) Inc.

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

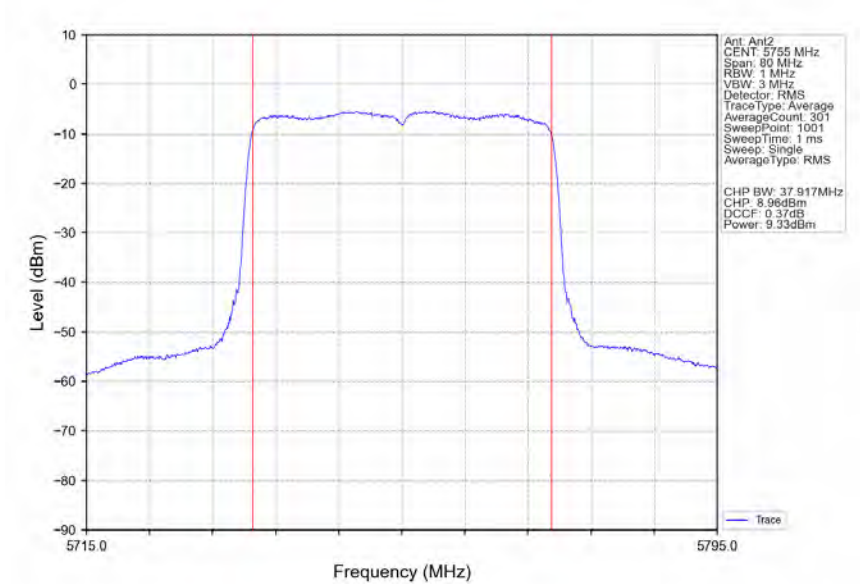
Report No.: KSCR240700123604

Page: 544 of 681

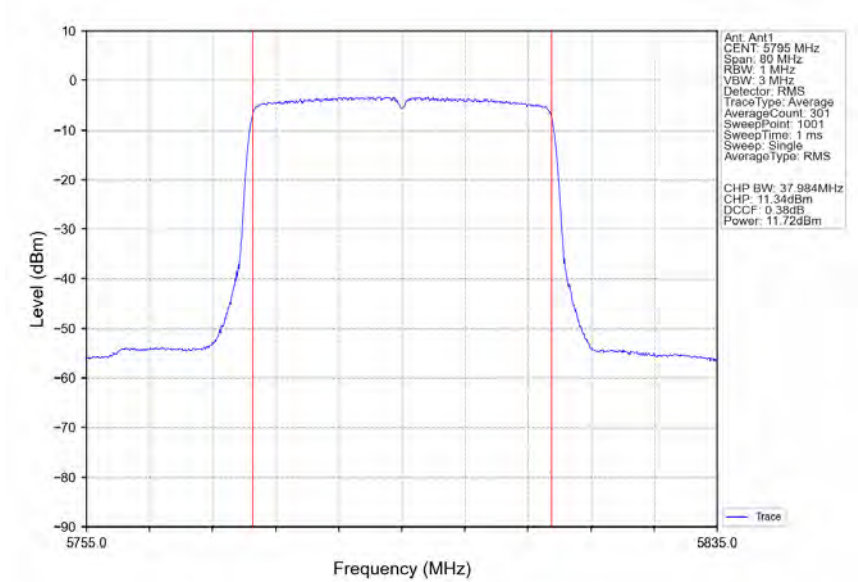
802.11ax(HEW40) LCH 5755MHz RU484 Left Ant1 NTN



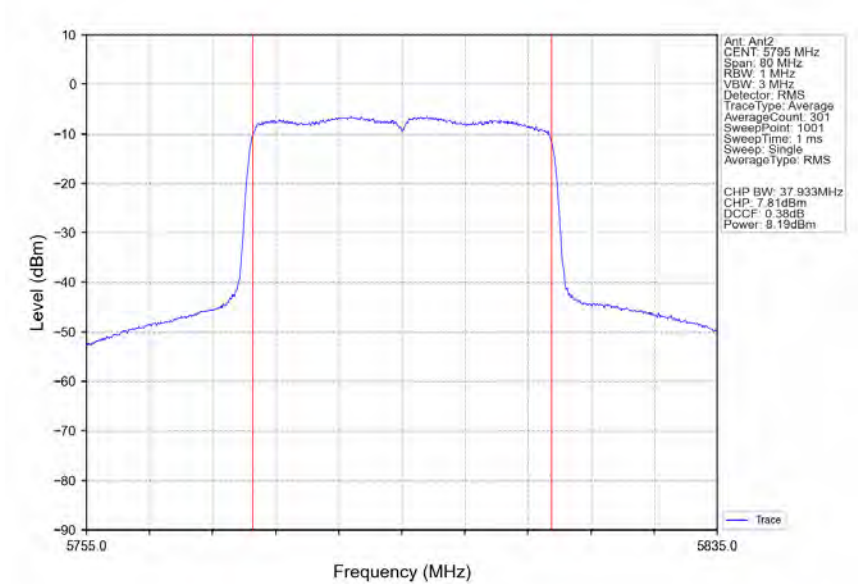
802.11ax(HEW40) LCH 5755MHz RU484 Left Ant2 NTN



802.11ax(HEW40) HCH 5795MHz RU484 Left Ant1 NTN



802.11ax(HEW40) HCH 5795MHz RU484 Left Ant2 NTN



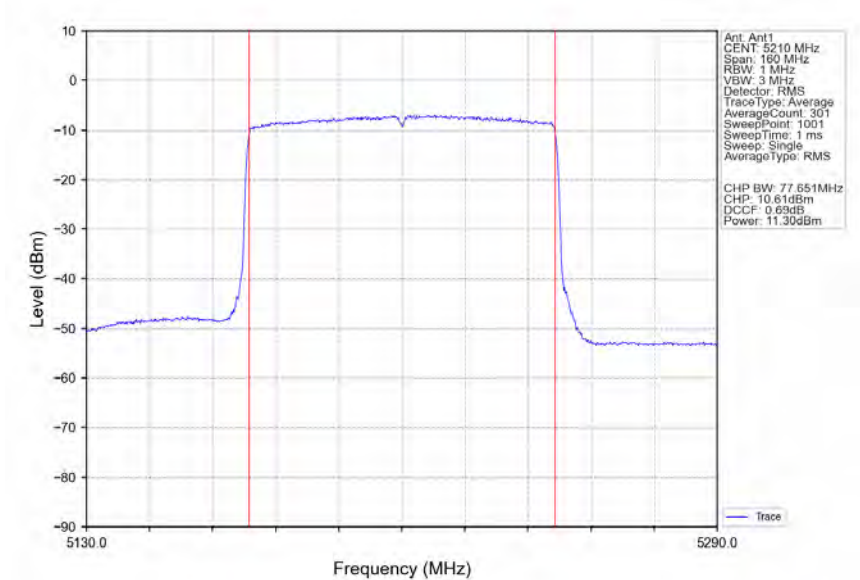
Compliance Certification Services (Kunshan) Inc.

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

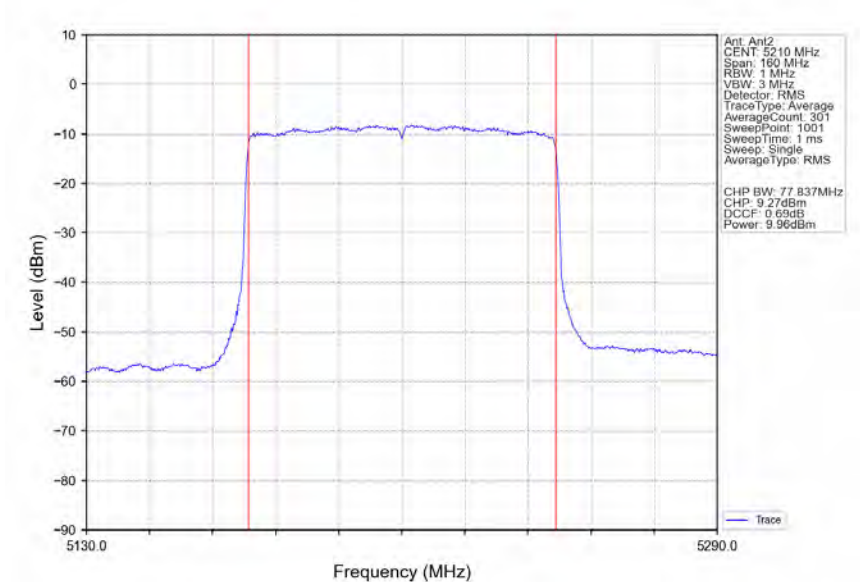
Report No.: KSCR240700123604

Page: 546 of 681

802.11ax(HEW80) MCH_5210MHz RU996 Left Ant1 NTNv



802.11ax(HEW80) MCH_5210MHz RU996 Left Ant2 NTNv



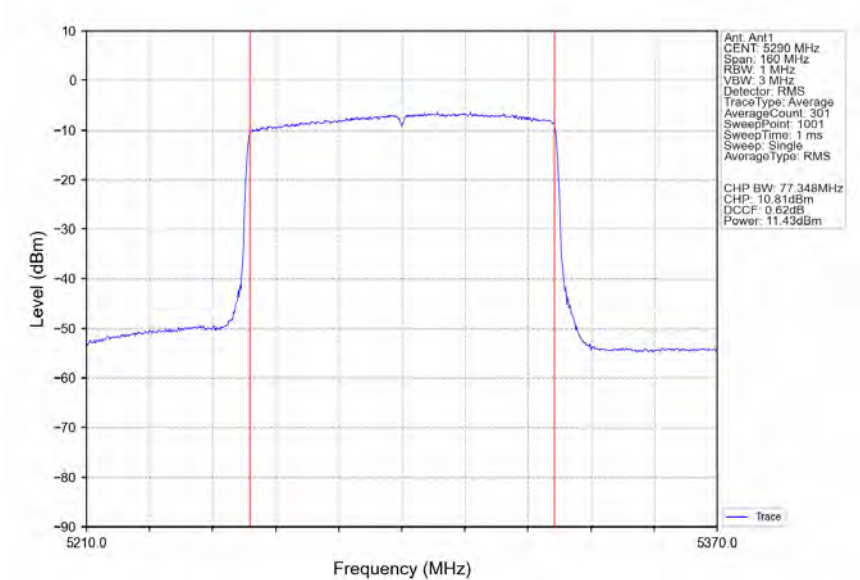
Compliance Certification Services (Kunshan) Inc.

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

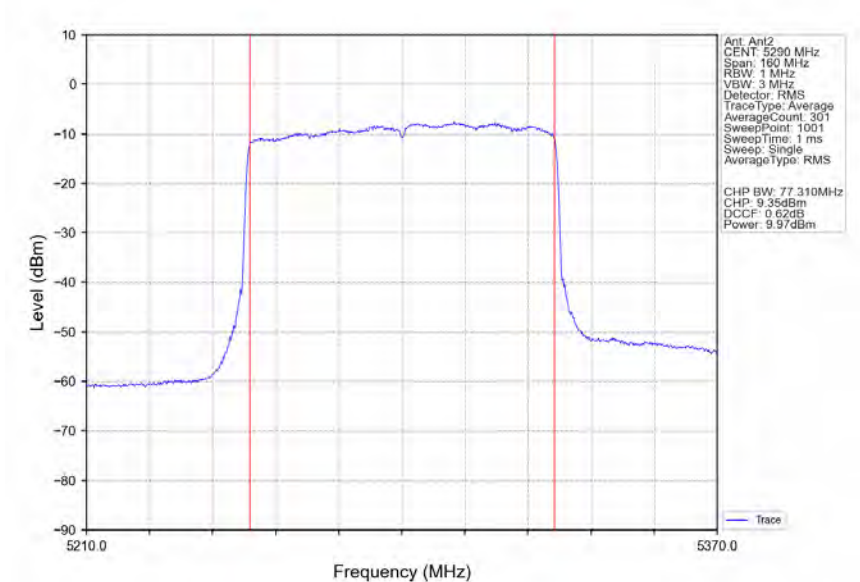
Report No.: KSCR240700123604

Page: 547 of 681

802.11ax(HEW80) MCH 5290MHz RU996 Left Ant1 NTNv



802.11ax(HEW80) MCH 5290MHz RU996 Left Ant2 NTNv

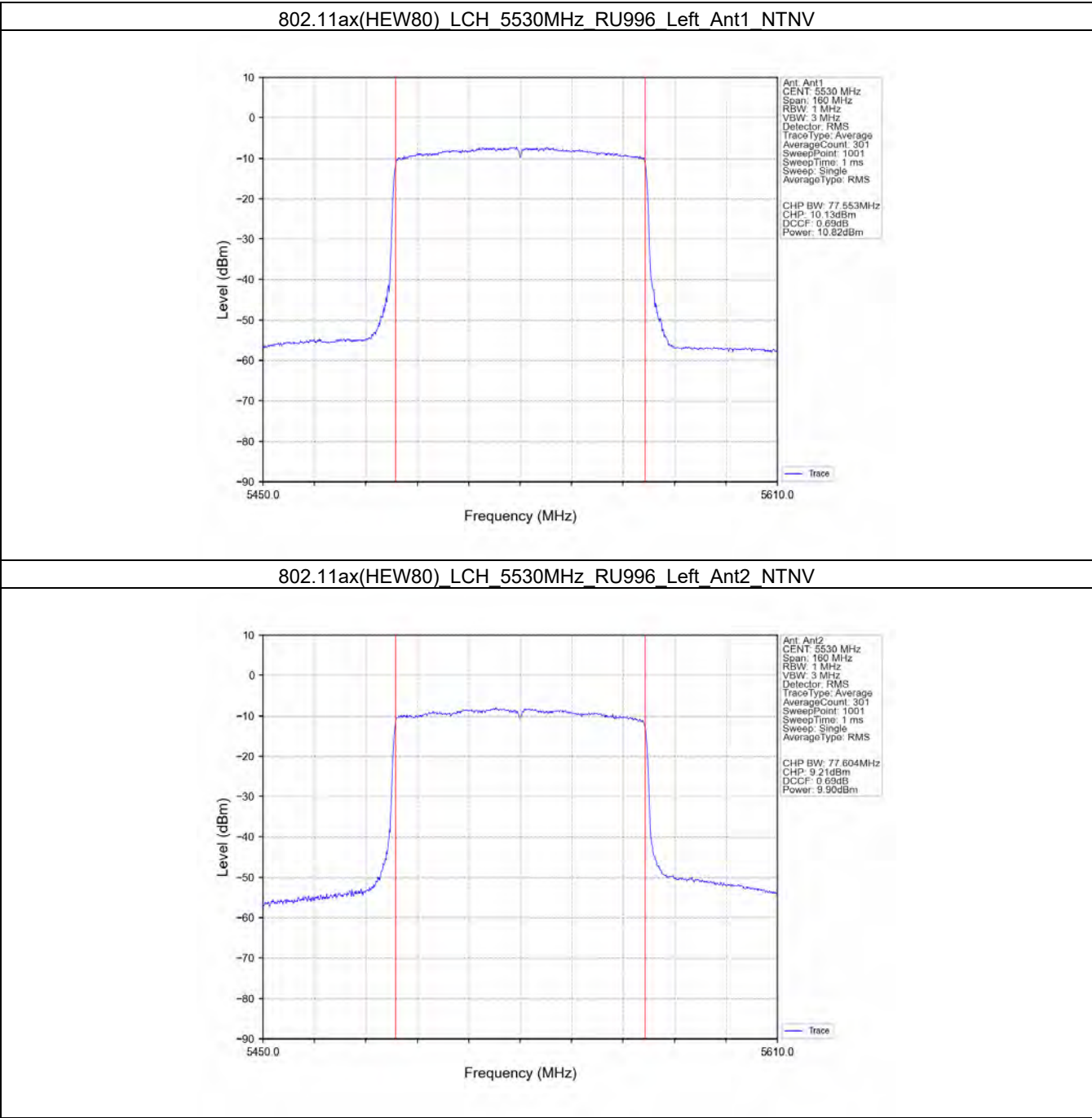


Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700123604

Page: 548 of 681



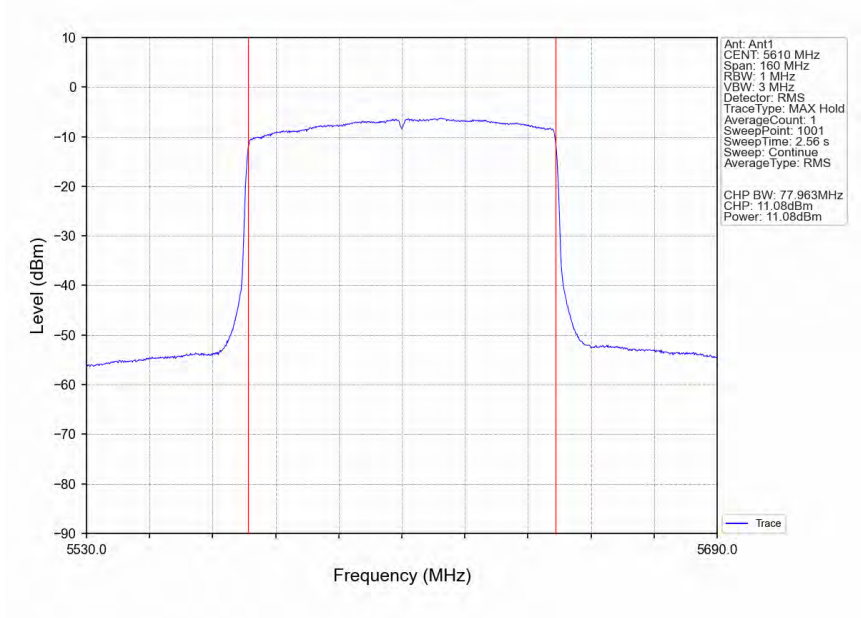
Compliance Certification Services (Kunshan) Inc.

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

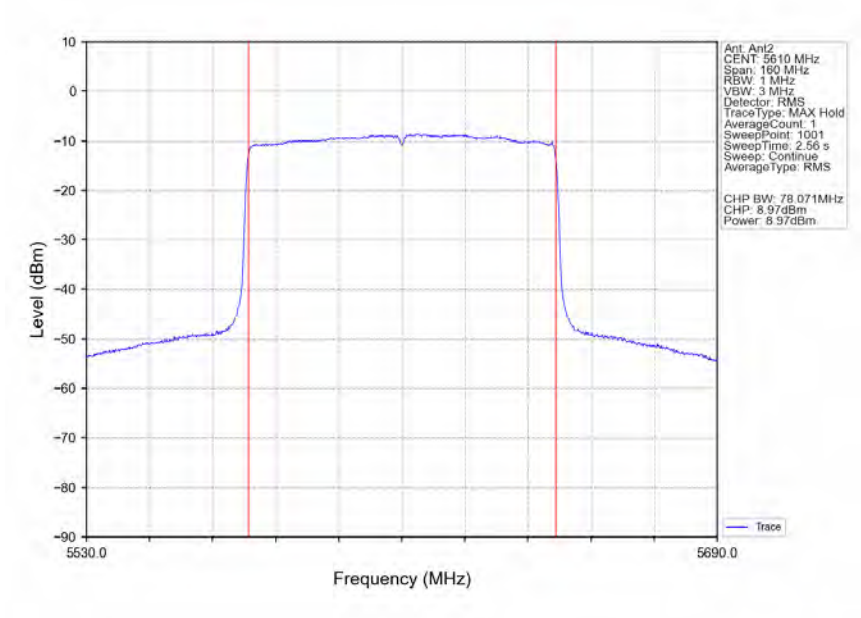
Report No.: KSCR240700123604

Page: 549 of 681

802.11ax(HEW80) HCH 5610MHz RU996 Left Ant1 NTN



802.11ax(HEW80) HCH 5610MHz RU996 Left Ant2 NTN



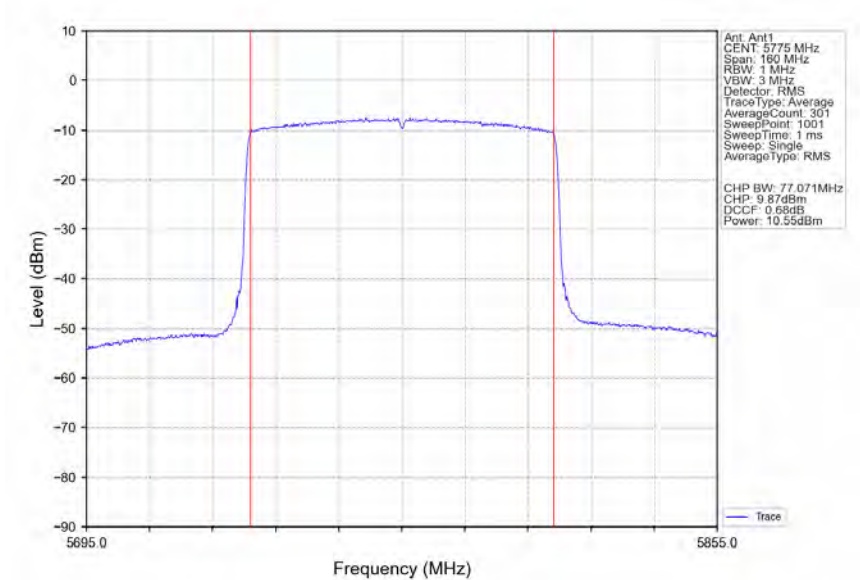
Compliance Certification Services (Kunshan) Inc.

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

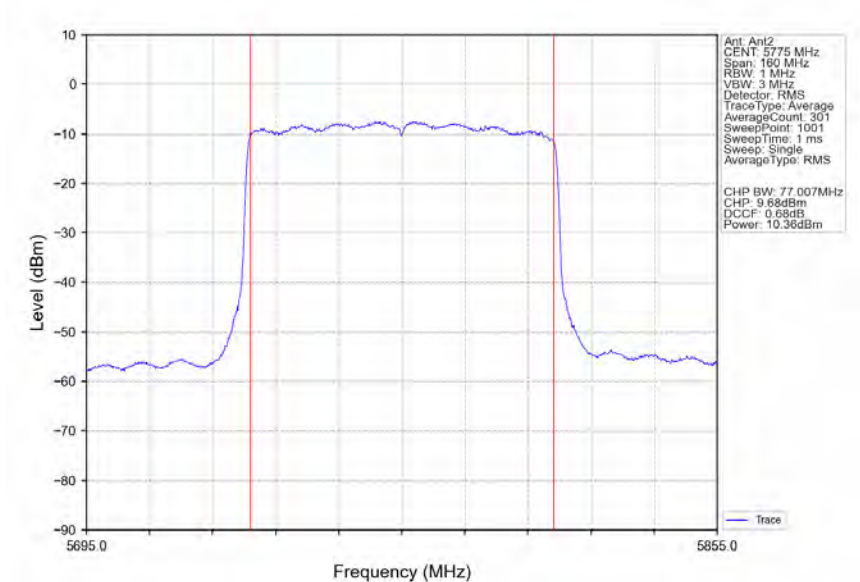
Report No.: KSCR240700123604

Page: 550 of 681

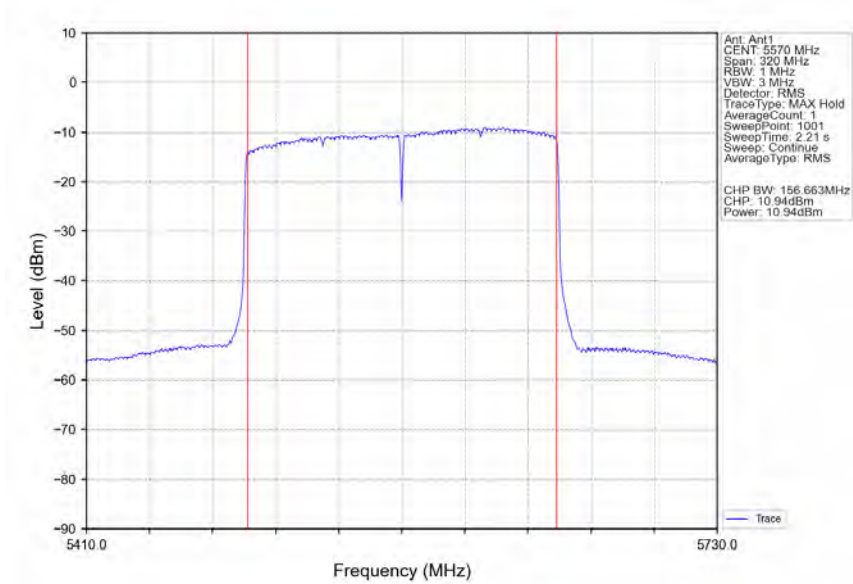
802.11ax(HEW80) MCH 5775MHz RU996 Left Ant1 NTN



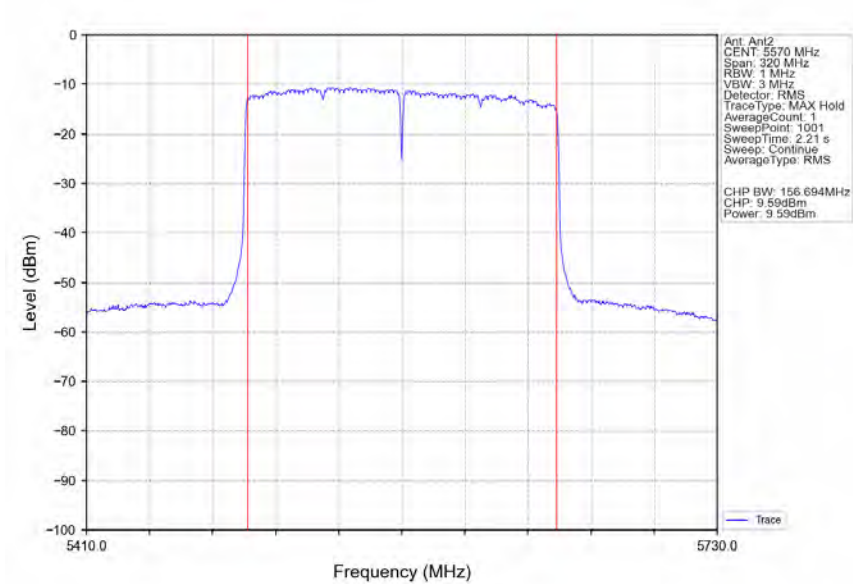
802.11ax(HEW80) MCH 5775MHz RU996 Left Ant2 NTN



802.11ax(HEW160) MCH 5570MHz 2xRU996 Left Ant1 NTVN



802.11ax(HEW160) MCH 5570MHz 2xRU996 Left Ant2 NTVN



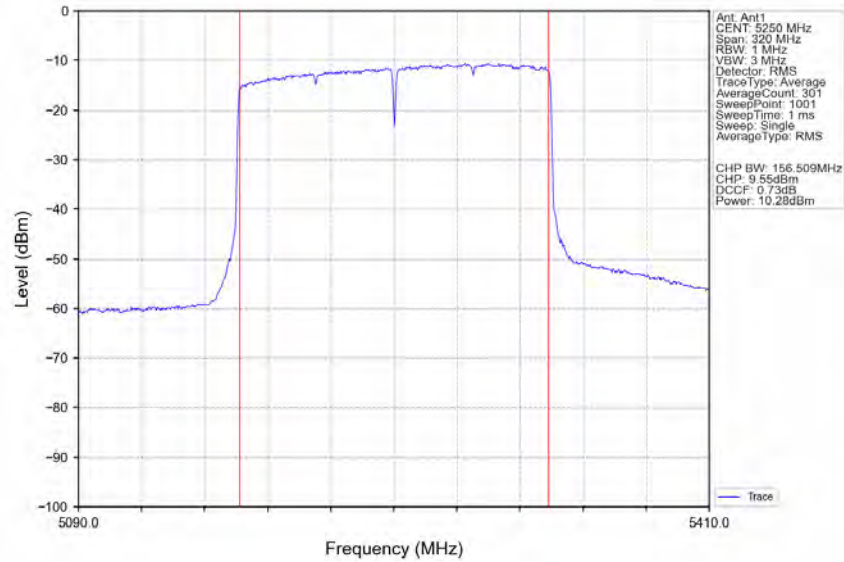
Compliance Certification Services (Kunshan) Inc.

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

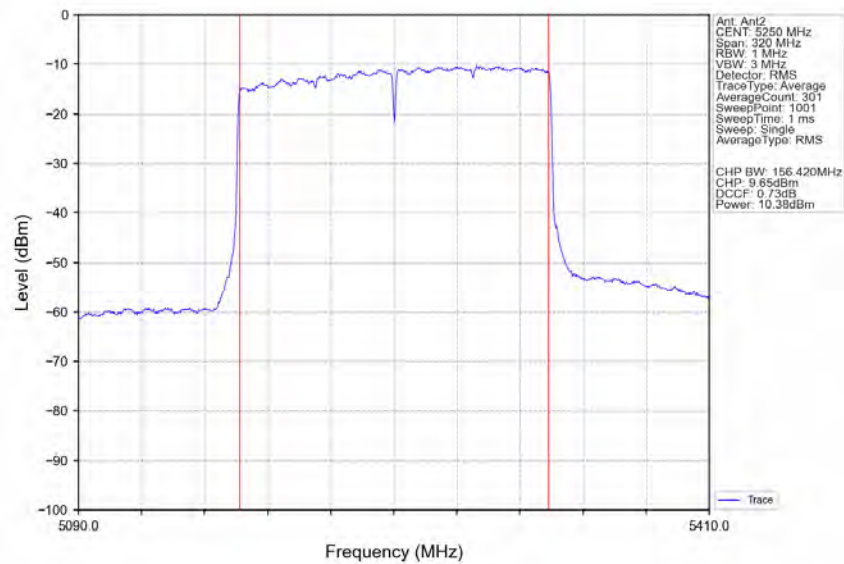
Report No.: KSCR240700123604

Page: 552 of 681

802.11ax(HEW160) MCH 5250MHz 2xRU996 Left Ant1 NTVN



802.11ax(HEW160) MCH 5250MHz 2xRU996 Left Ant2 NTVN



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	2.37	2.04	/	<=11	Pass
		5200	/	/	2.26	2.50	/	<=11	Pass
		5240	/	/	2.03	2.00	/	<=11	Pass
		5260	/	/	2.40	1.85	/	<=11	Pass
		5300	/	/	2.37	2.14	/	<=11	Pass
		5320	/	/	2.28	2.15	/	<=11	Pass
		5500	/	/	1.98	2.20	/	<=11	Pass
		5580	/	/	2.35	2.13	/	<=11	Pass
		5700	/	/	2.41	-0.11	/	<=11	Pass
802.11ac (VHT20)	MIMO	5180	/	/	-2.17	0.21	1.91	<=11	Pass
		5200	/	/	-3.41	0.48	1.72	<=11	Pass
		5240	/	/	-1.79	-0.43	1.75	<=11	Pass
		5260	/	/	-1.46	-0.69	1.76	<=11	Pass
		5300	/	/	-0.98	0.02	2.42	<=11	Pass
		5320	/	/	-1.32	-0.92	1.67	<=11	Pass
		5500	/	/	-0.77	-0.71	2.11	<=11	Pass
		5580	/	/	-0.61	-1.36	1.92	<=11	Pass
		5700	/	/	-0.41	-1.64	1.74	<=11	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-4.96	-2.50	-0.75	<=11	Pass
		5230	/	/	-4.62	-3.28	-1.03	<=11	Pass
		5270	/	/	-4.08	-2.68	-0.52	<=11	Pass
		5310	/	/	-4.10	-3.36	-0.96	<=11	Pass
		5510	/	/	-3.40	-4.04	-0.95	<=11	Pass
		5550	/	/	-3.30	-3.92	-0.72	<=11	Pass
		5670	/	/	-3.19	-4.63	-0.90	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-7.54	-6.05	-3.86	<=11	Pass
		5290	/	/	-6.13	-5.46	-3.01	<=11	Pass
		5530	/	/	-6.15	-7.41	-3.79	<=11	Pass
		5610	/	/	-5.56	-8.96	-4.04	<=11	Pass
802.11ac (VHT160)	MIMO	5570	/	/	-9.19	-9.52	-6.52	<=11	Pass
		5250	/	/	-10.26	-9.65	-7.03	<=11	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	-0.60	-1.03	2.07	<=11	Pass
		5200	RU242	Left	-0.36	-1.47	1.92	<=11	Pass
		5240	RU242	Left	-0.07	-2.32	1.89	<=11	Pass
		5260	RU242	Left	0.17	-2.34	1.94	<=11	Pass
		5300	RU242	Left	-0.31	-1.83	1.83	<=11	Pass
		5320	RU242	Left	-0.08	-1.49	2.11	<=11	Pass
		5500	RU242	Left	-1.40	-0.87	1.83	<=11	Pass
		5580	RU242	Left	-0.38	-2.05	1.69	<=11	Pass
		5700	RU242	Left	-1.08	-0.89	1.80	<=11	Pass
802.11ax	MIMO	5190	RU484	Left	-4.70	-4.28	-1.64	<=11	Pass

Note1: Antenna Gain: Ant1: 2.40dBi; Ant2: 2.40dBi;

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700123604

Page: 555 of 681

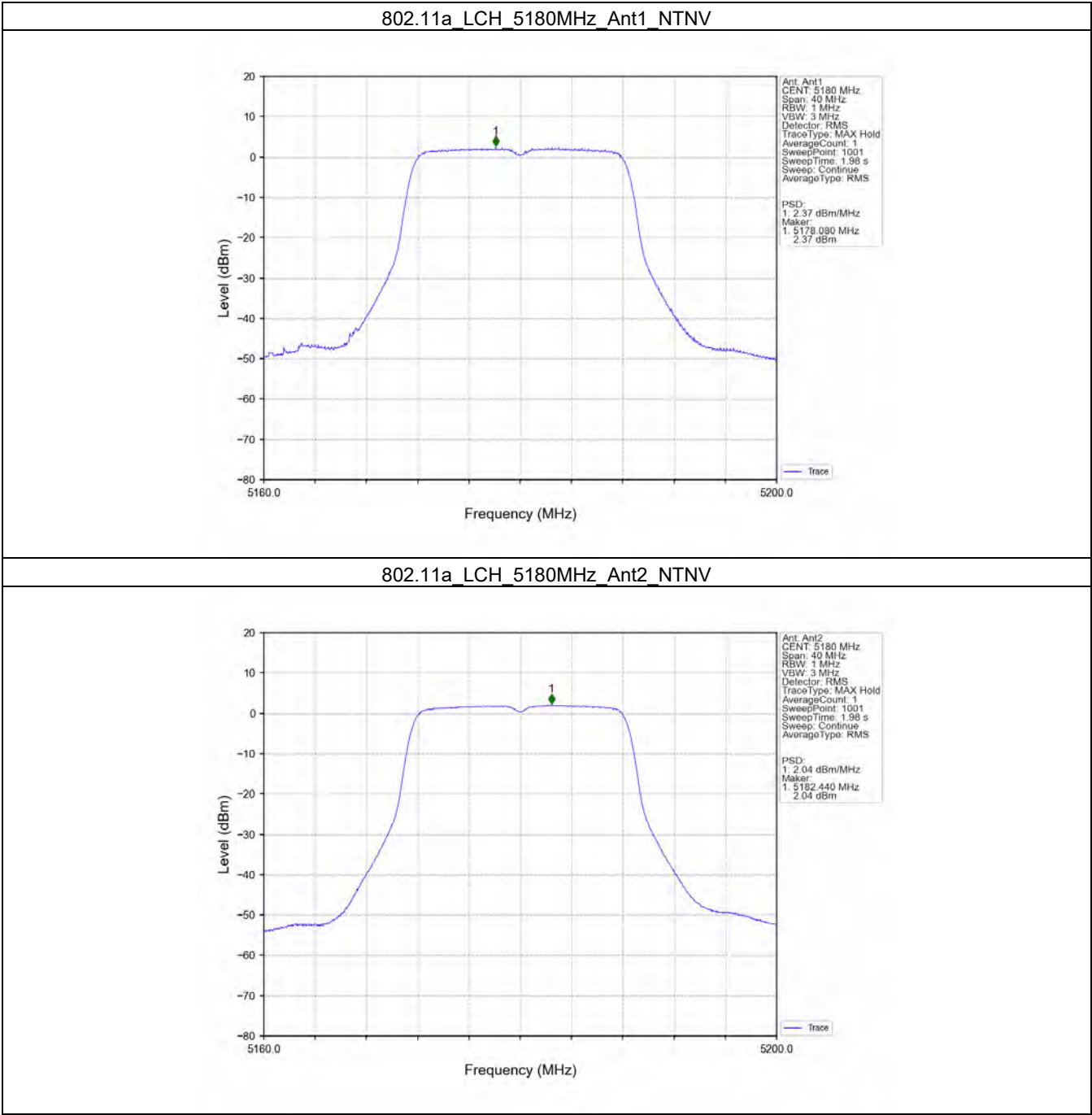
4.1.3 E.I.R.PSD

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum E.I.R.PSD (dBm/MHz)				Verdict
					ANT1	ANT2	MIMO	Limit	
802.11a	SISO	5180	/	/	5.67	5.34	/	<=10	Pass
		5200	/	/	5.56	5.80	/	<=10	Pass
		5240	/	/	5.33	5.30	/	<=10	Pass
802.11ac (VHT20)	MIMO	5180	/	/	1.13	3.51	5.49	<=10	Pass
		5200	/	/	-0.11	3.78	5.27	<=10	Pass
		5240	/	/	1.51	2.87	5.25	<=10	Pass
802.11ac (VHT40)	MIMO	5190	/	/	-1.66	0.80	2.75	<=10	Pass
		5230	/	/	-1.32	0.02	2.41	<=10	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-4.24	-2.75	-0.42	<=10	Pass
802.11ac (VHT160)	MIMO	5250	/	/	-10.26	-9.65	-6.93	<=10	Pass
802.11ax (HEW20)	MIMO	5180	RU242	Left	2.70	2.27	5.50	<=10	Pass
		5200	RU242	Left	2.94	1.83	5.43	<=10	Pass
		5240	RU242	Left	3.23	0.98	5.26	<=10	Pass
802.11ax (HEW40)	MIMO	5190	RU484	Left	-1.40	-0.98	1.83	<=10	Pass
		5230	RU484	Left	0.58	-1.81	2.56	<=10	Pass
802.11ax (HEW80)	MIMO	5210	RU996	Left	-3.90	-3.54	-0.71	<=10	Pass
802.11ax (HEW160)	MIMO	5250	2xRU996	Left	-9.82	-9.48	-6.64	<=10	Pass

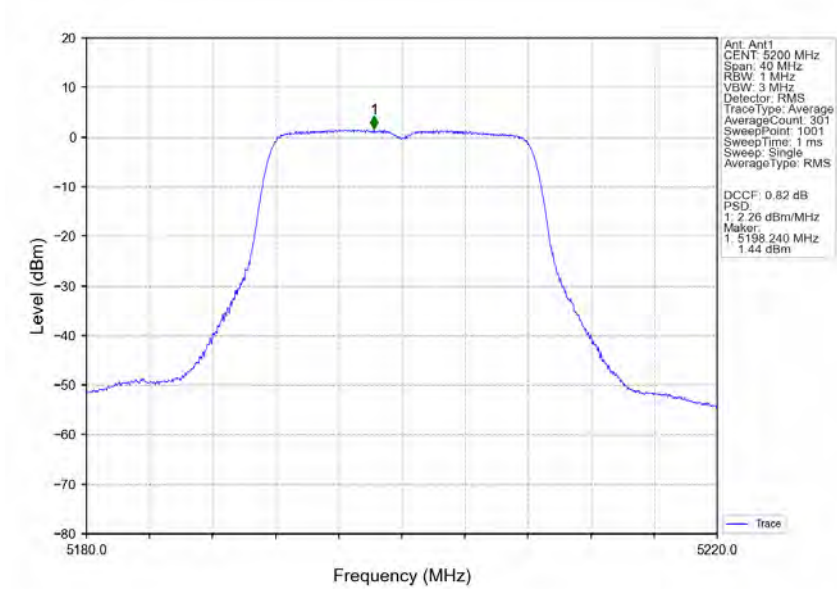
Note1: Antenna Gain: Ant1: 3.30dBi; Ant2: 3.30dBi;
Note2: E.I.R.PSD = Measured PSD + Antenna Gain
Note3: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)

4.2 Test Graph

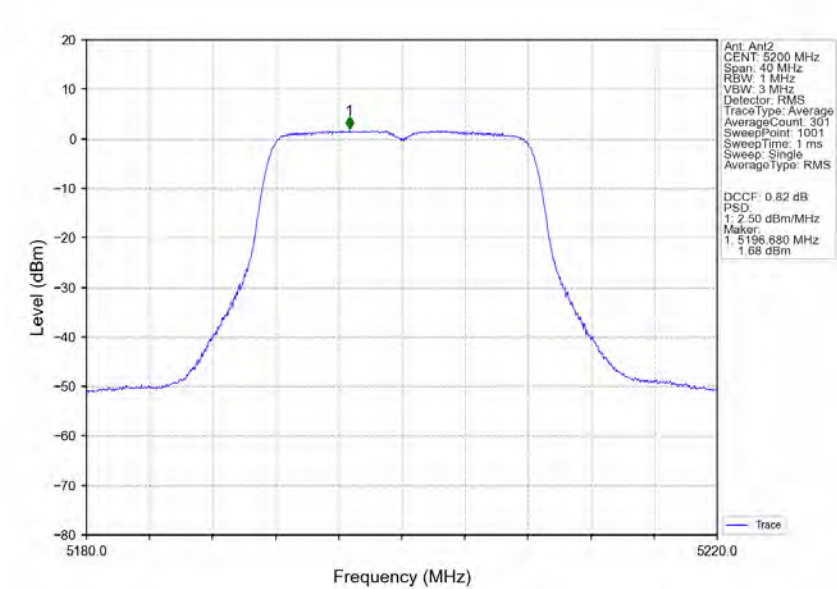
4.2.1 PSD



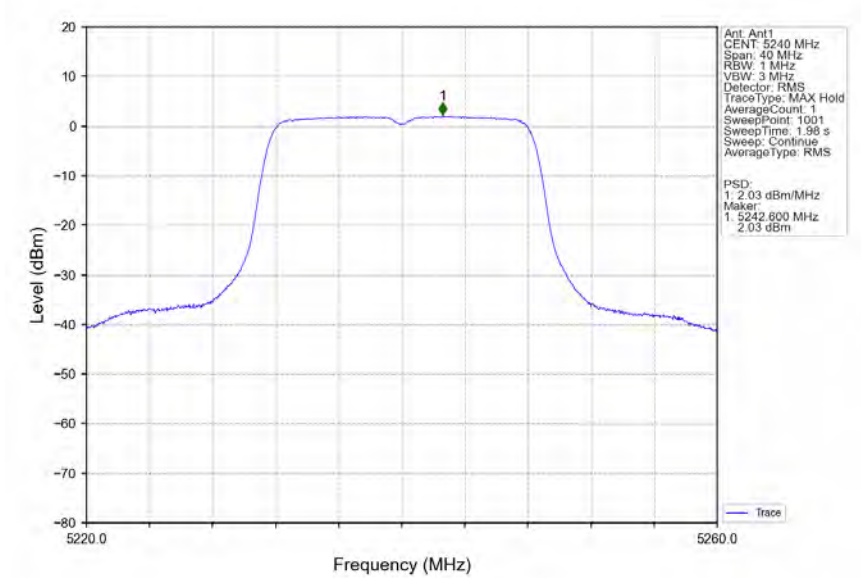
802.11a MCH 5200MHz Ant1 NTN



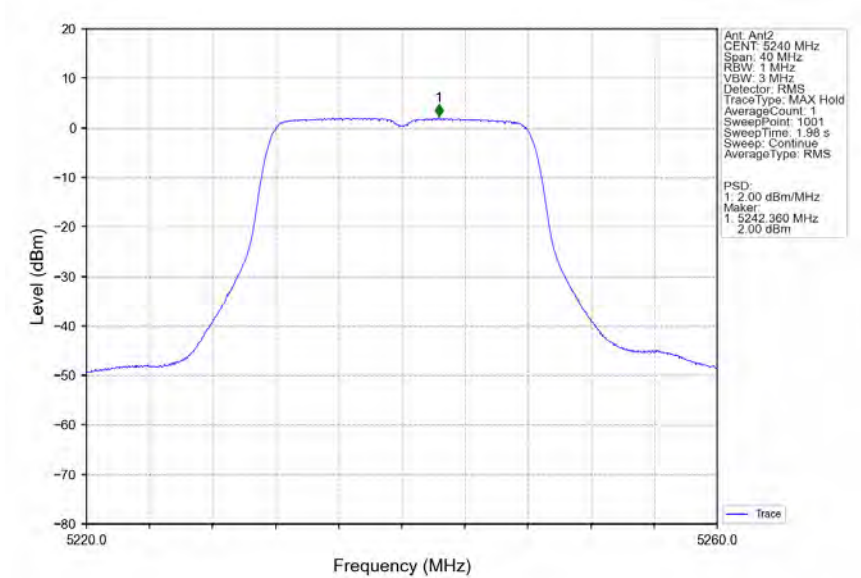
802.11a MCH 5200MHz Ant2 NTN



802.11a HCH 5240MHz Ant1 NTN



802.11a HCH 5240MHz Ant2 NTN



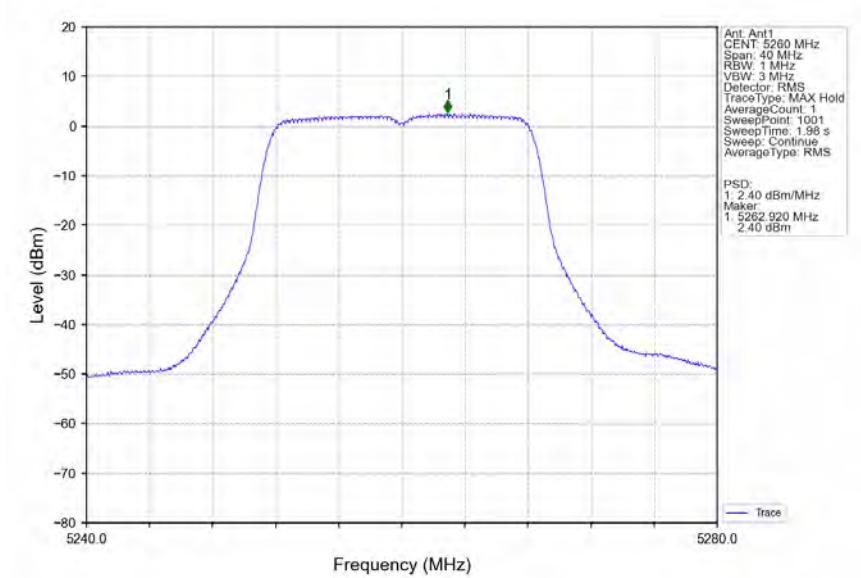
Compliance Certification Services (Kunshan) Inc.

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

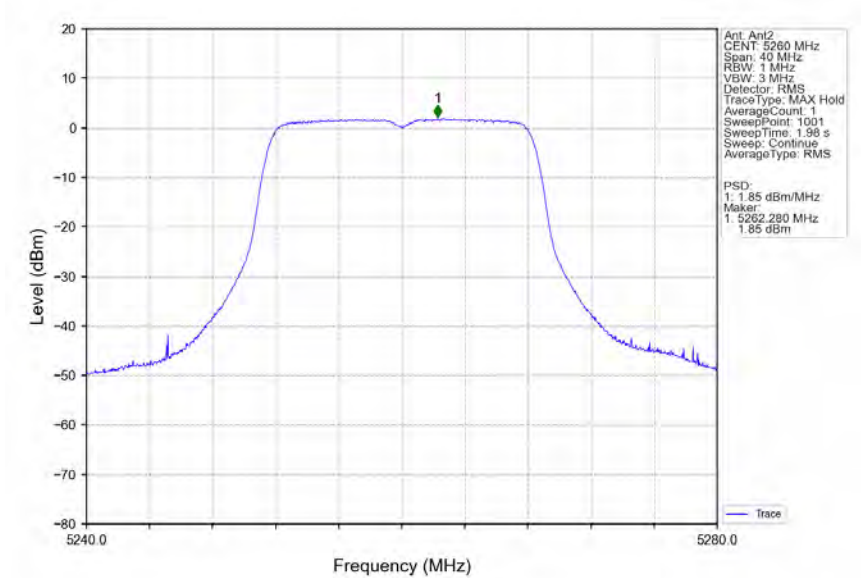
Report No.: KSCR240700123604

Page: 559 of 681

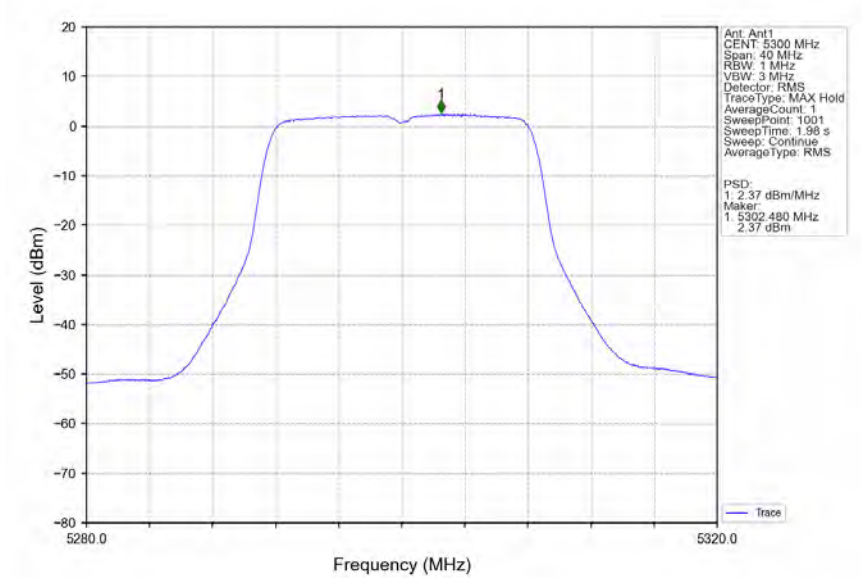
802.11a LCH 5260MHz Ant1 NTV



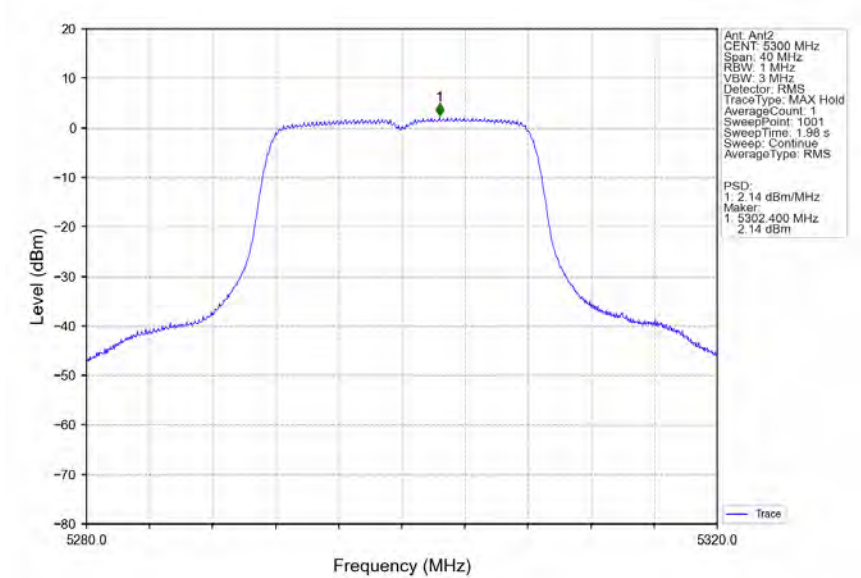
802.11a LCH 5260MHz Ant2 NTV



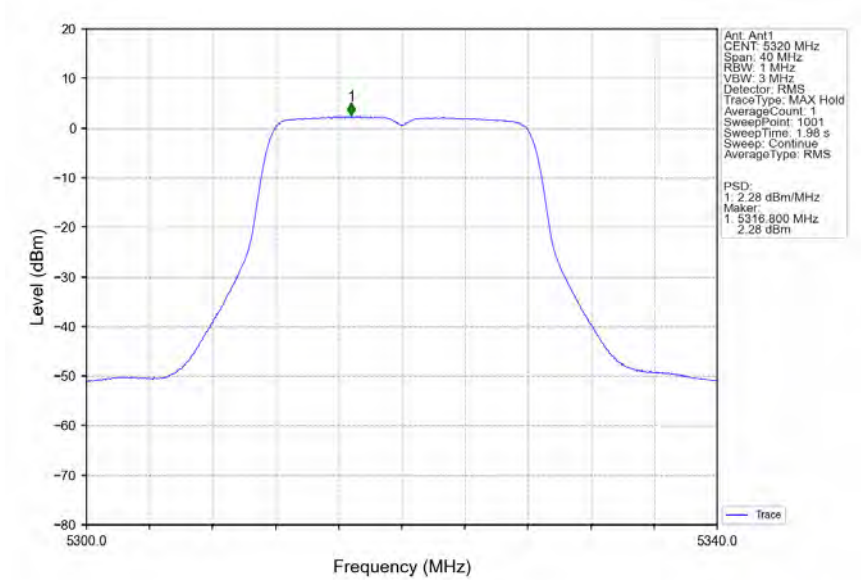
802.11a MCH_5300MHz_Ant1_NTNV



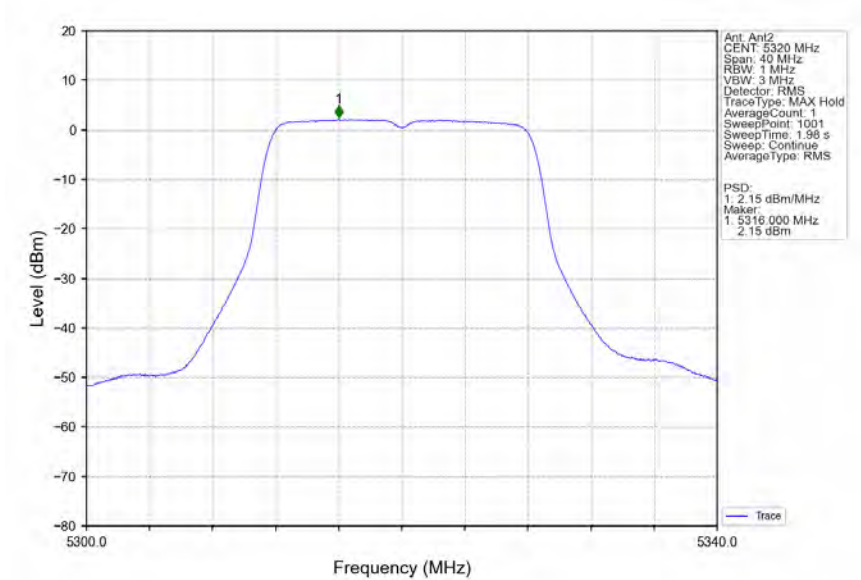
802.11a MCH_5300MHz_Ant2_NTNV



802.11a HCH 5320MHz Ant1 NTN



802.11a HCH 5320MHz Ant2 NTN



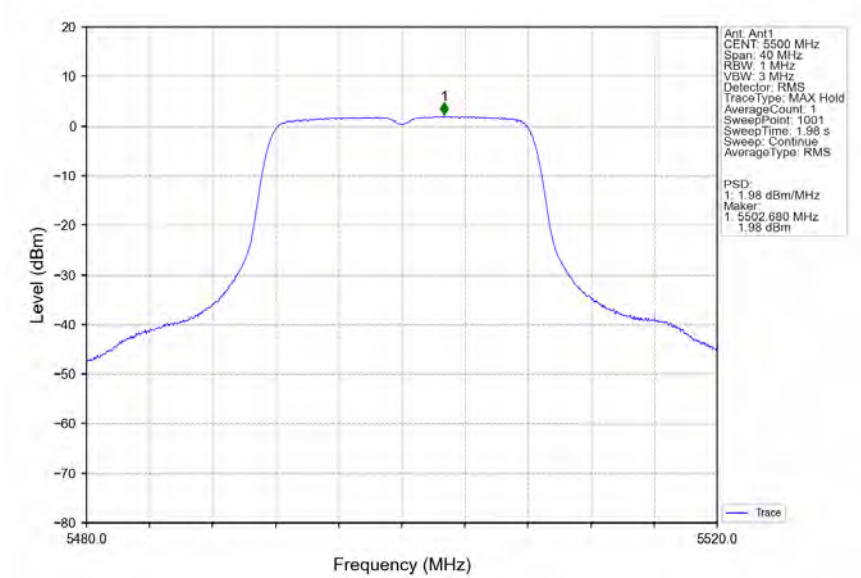
Compliance Certification Services (Kunshan) Inc.

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

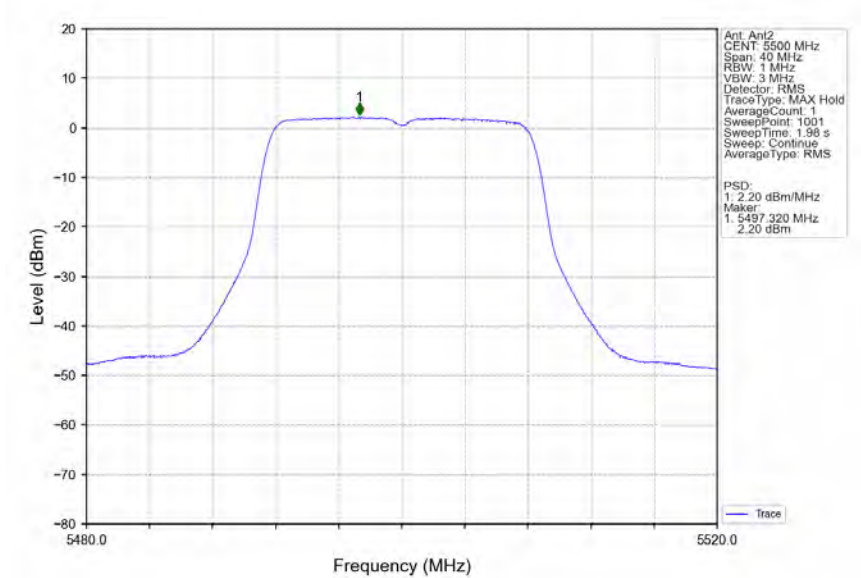
Report No.: KSCR240700123604

Page: 562 of 681

802.11a LCH 5500MHz Ant1 NTN



802.11a LCH 5500MHz Ant2 NTN



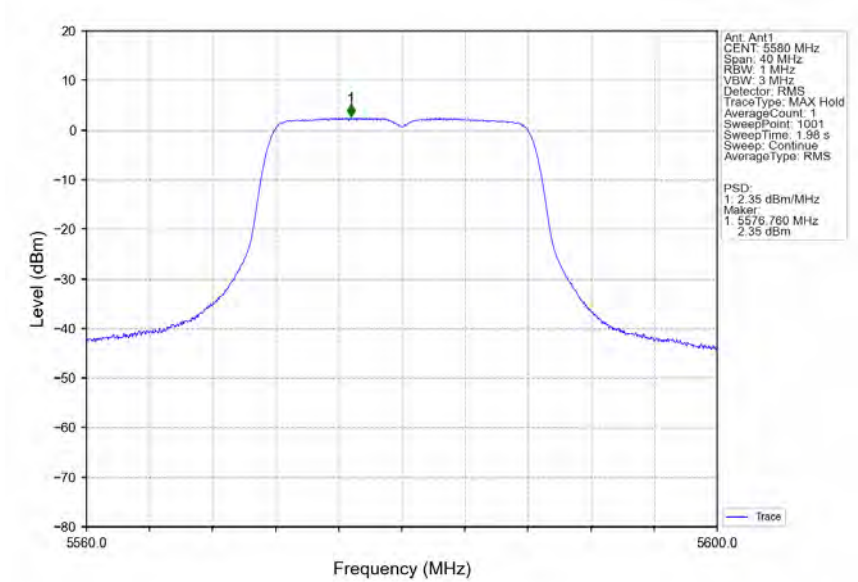
Compliance Certification Services (Kunshan) Inc.

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

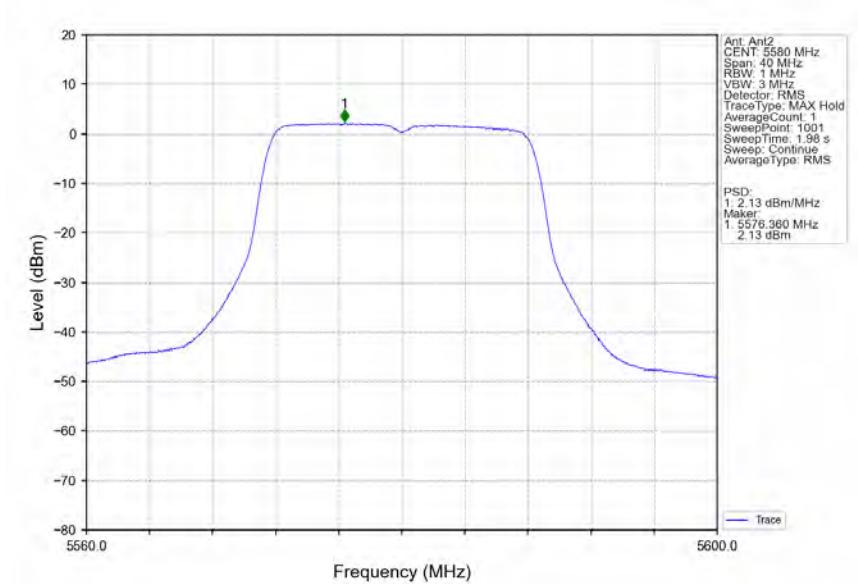
Report No.: KSCR240700123604

Page: 563 of 681

802.11a MCH 5580MHz Ant1 NTN



802.11a MCH 5580MHz Ant2 NTN



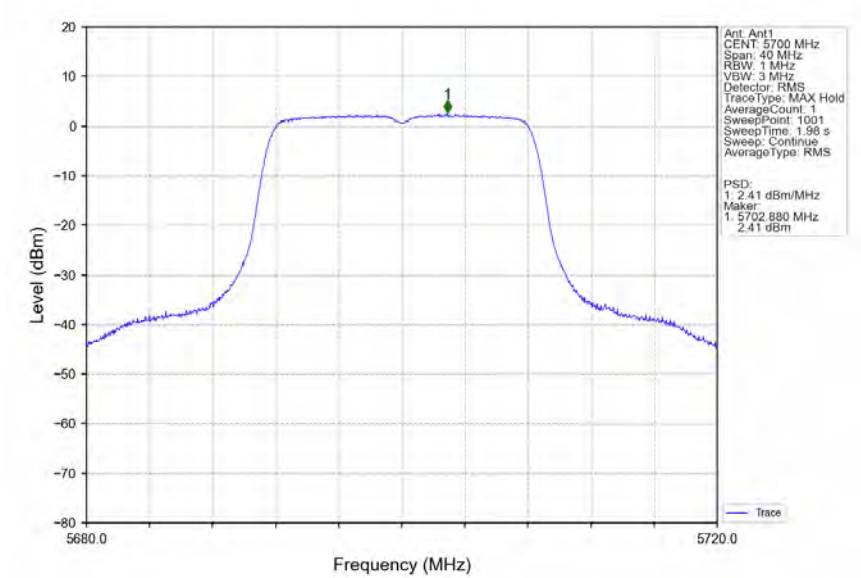
Compliance Certification Services (Kunshan) Inc.

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

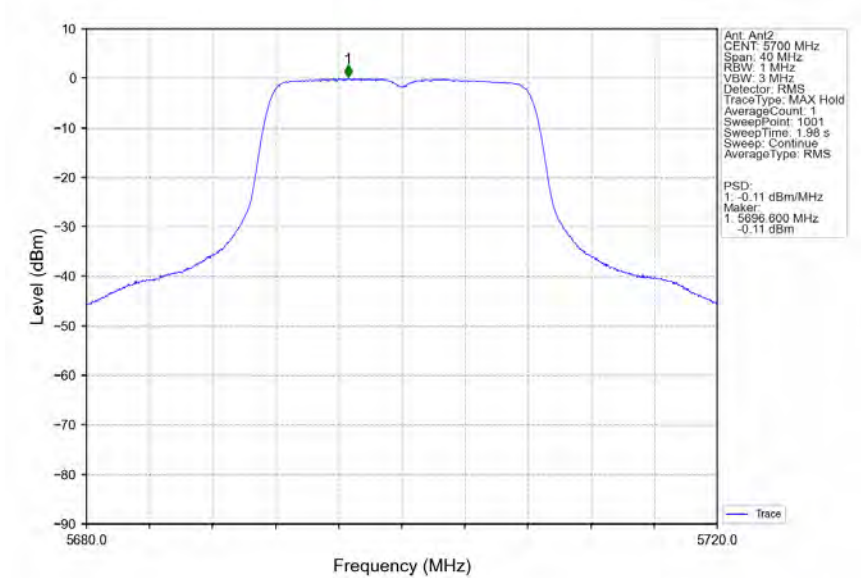
Report No.: KSCR240700123604

Page: 564 of 681

802.11a HCH 5700MHz Ant1 NTN



802.11a HCH 5700MHz Ant2 NTN



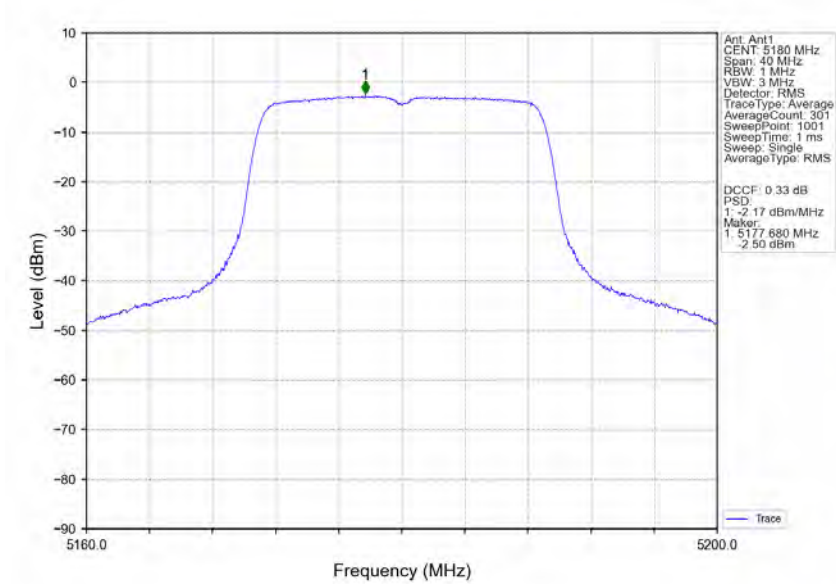
Compliance Certification Services (Kunshan) Inc.

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

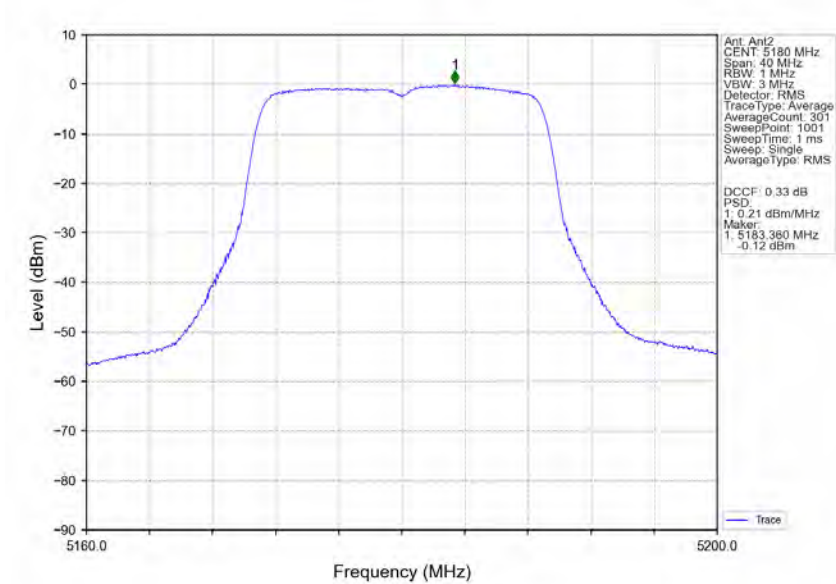
Report No.: KSCR240700123604

Page: 565 of 681

802.11ac(VHT20) LCH 5180MHz Ant1 NTN



802.11ac(VHT20) LCH 5180MHz Ant2 NTN



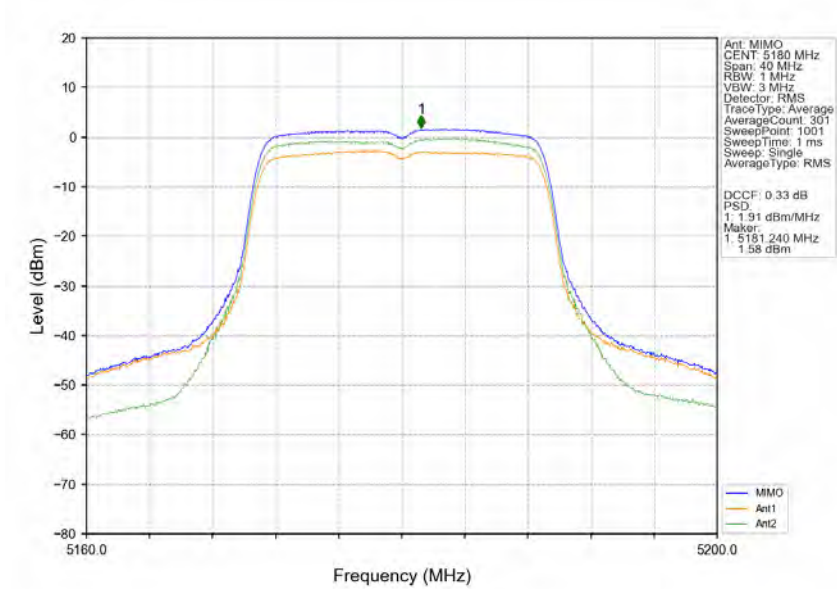
Compliance Certification Services (Kunshan) Inc.

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

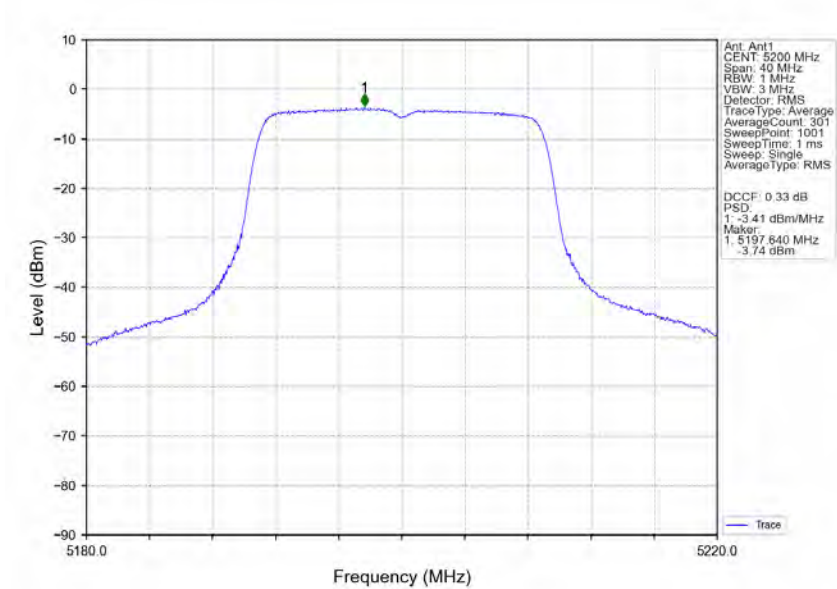
Report No.: KSCR240700123604

Page: 566 of 681

802.11ac(VHT20) LCH 5180MHz MIMO NTN



802.11ac(VHT20) MCH 5200MHz Ant1 NTN



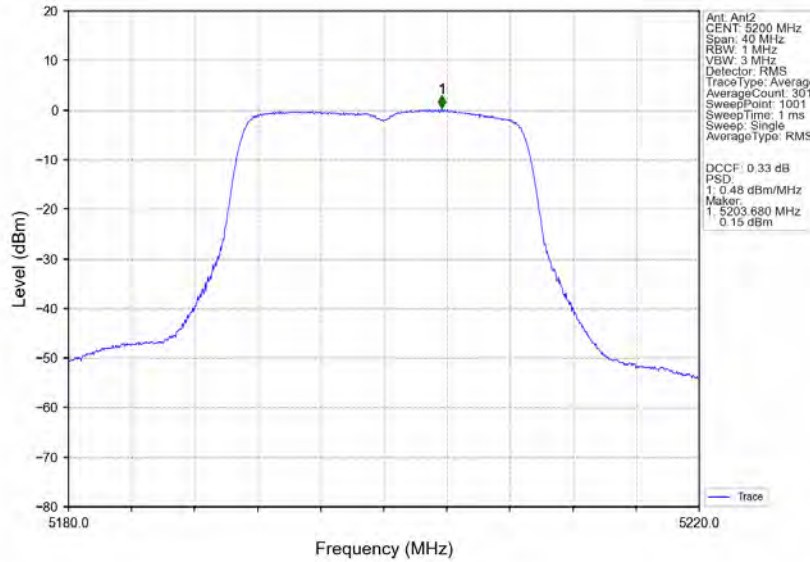
Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700123604

Page: 567 of 681

802.11ac(VHT20) MCH 5200MHz Ant2 NTN



802.11ac(VHT20) MCH 5200MHz MIMO NTN

