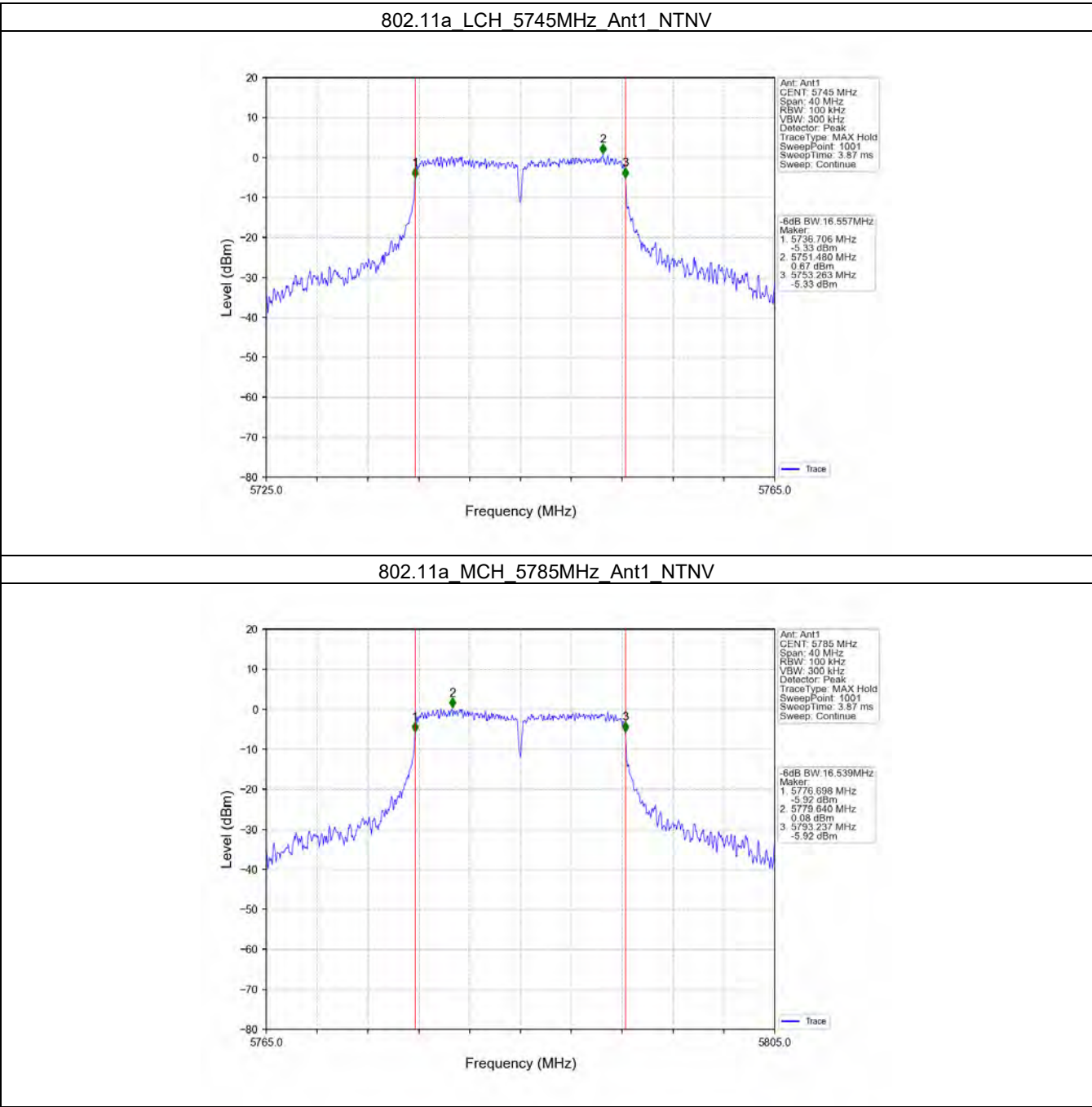
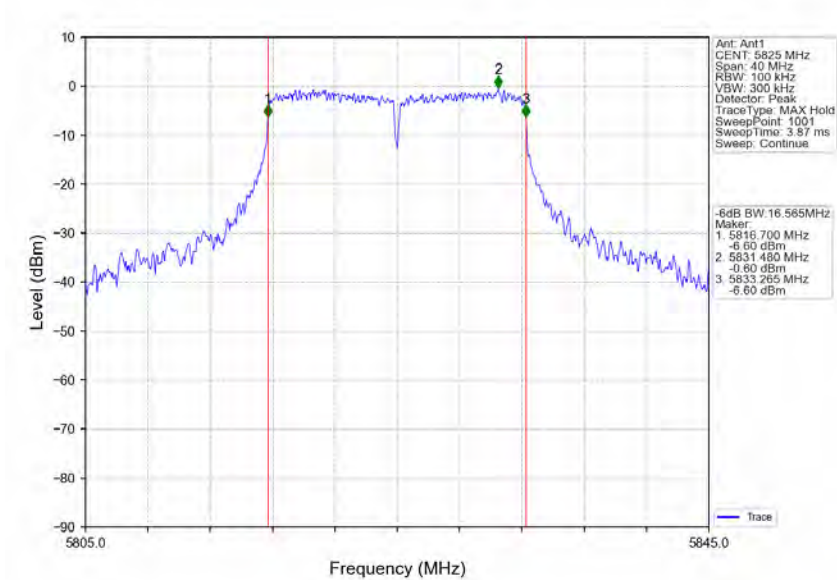


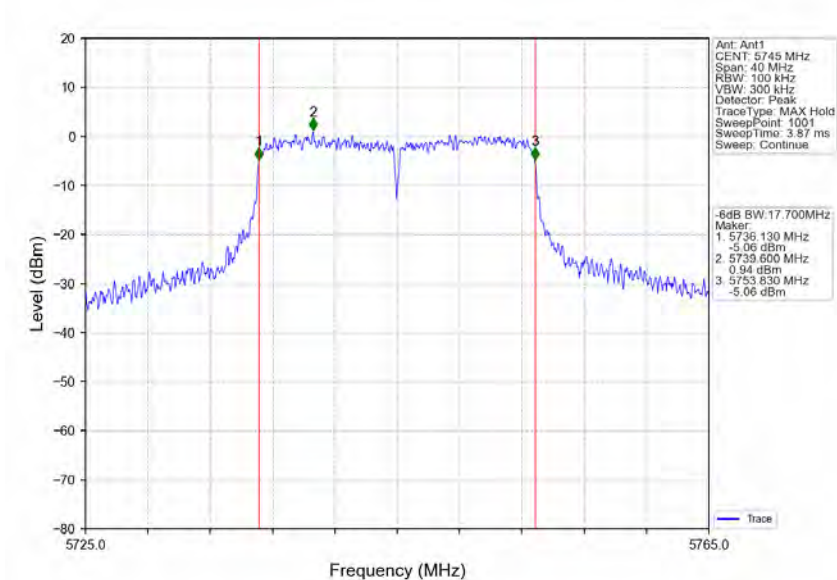
2.2.2 Test Graph



802.11a HCH 5825MHz Ant1 NTN



802.11n(HT20) LCH 5745MHz Ant1 NTN



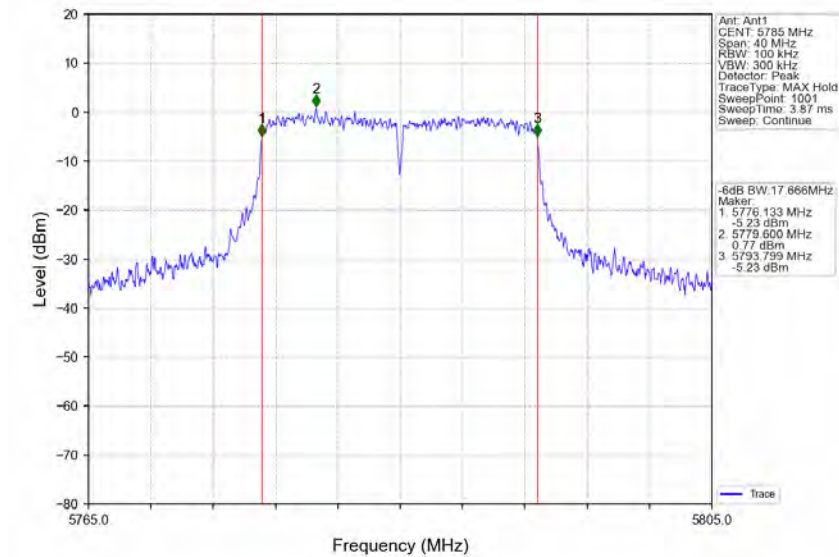
Compliance Certification Services (Kunshan) Inc.

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

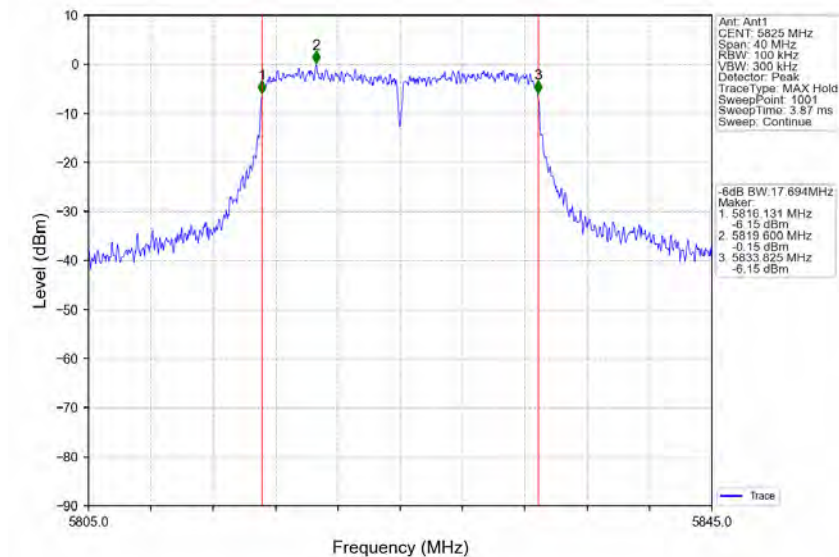
Report No.: KSCR240200024802

Page: 303 of 410

802.11n(HT20) MCH 5785MHz Ant1 NTN



802.11n(HT20) HCH 5825MHz Ant1 NTN



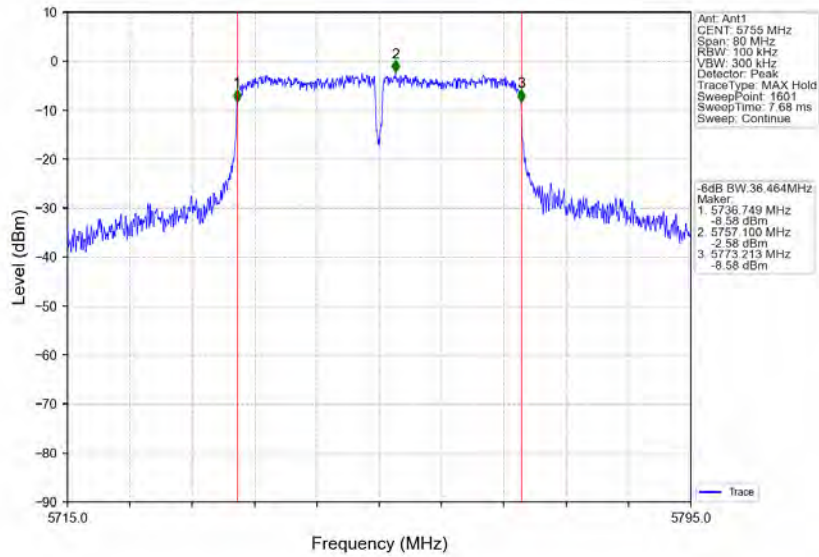
Compliance Certification Services (Kunshan) Inc.

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

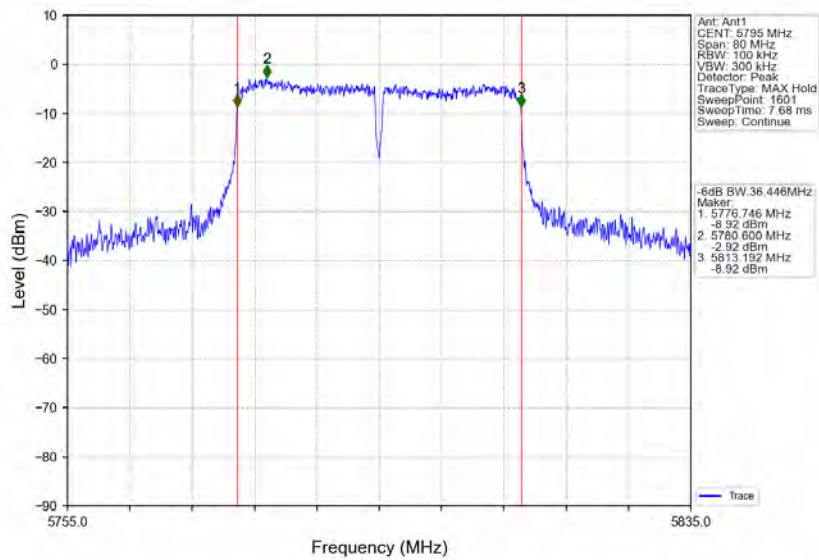
Report No.: KSCR240200024802

Page: 304 of 410

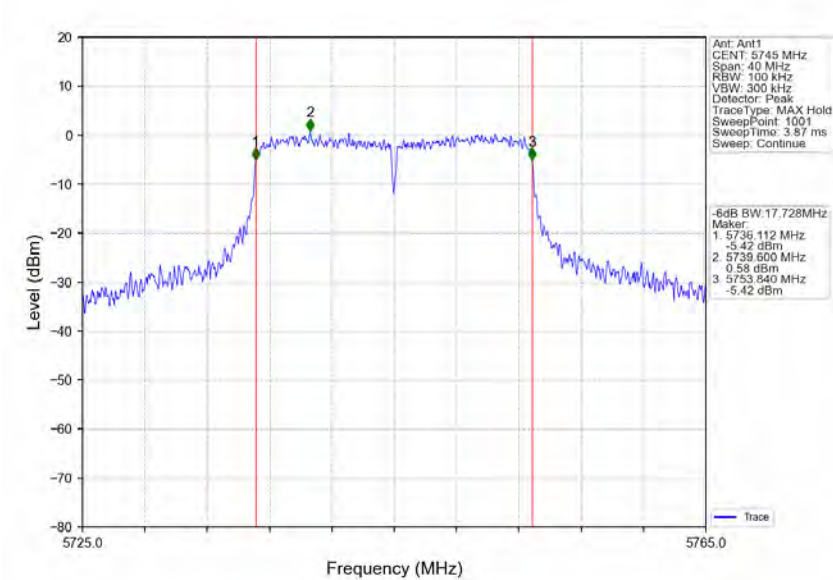
802.11n(HT40) LCH 5755MHz Ant1 NTNV



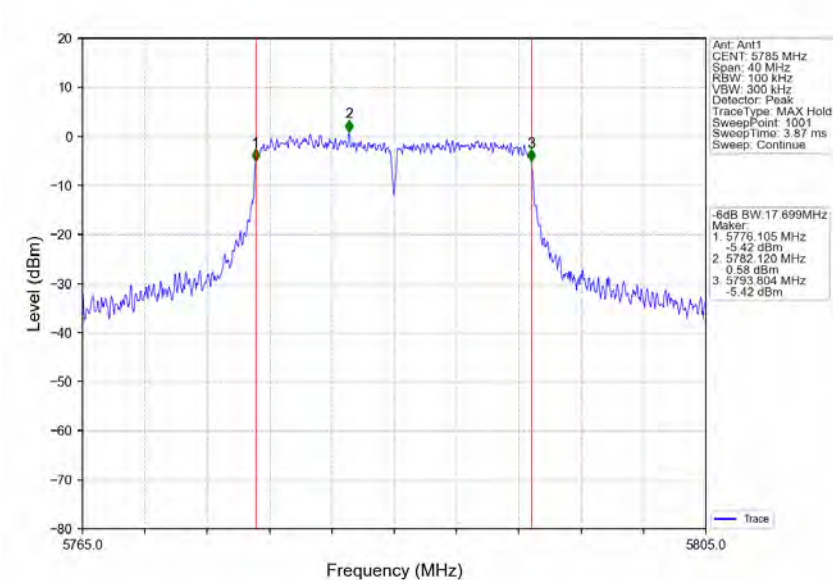
802.11n(HT40) HCH 5795MHz Ant1 NTNV



802.11ac(VHT20) LCH 5745MHz Ant1 NTN



802.11ac(VHT20) MCH 5785MHz Ant1 NTN



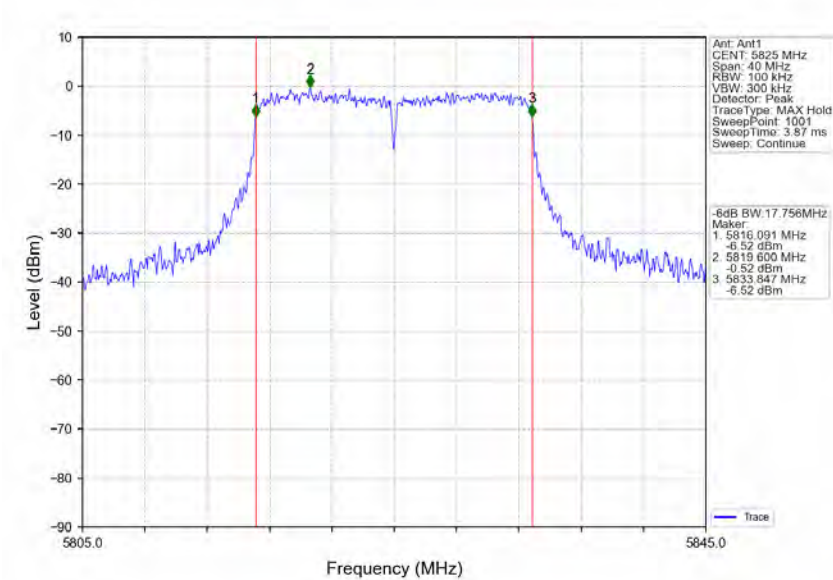
Compliance Certification Services (Kunshan) Inc.

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

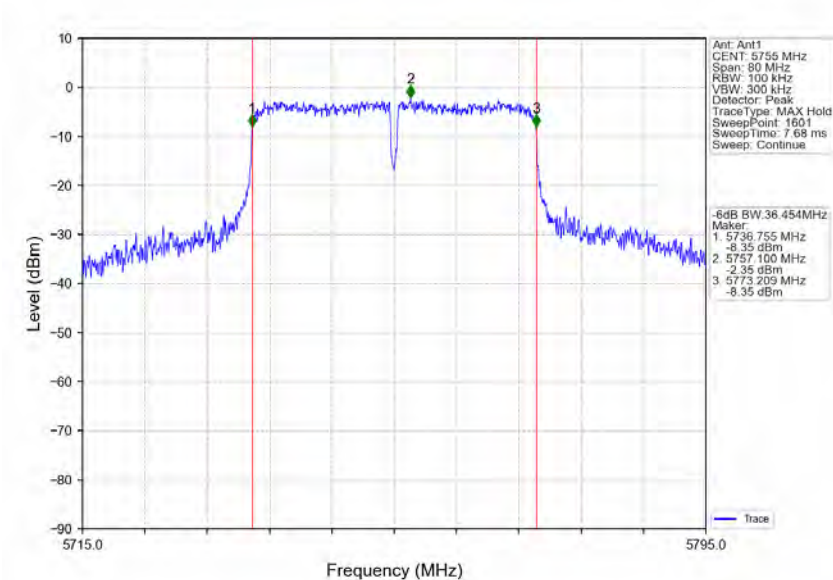
Report No.: KSCR240200024802

Page: 306 of 410

802.11ac(VHT20) HCH 5825MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant1 NTN



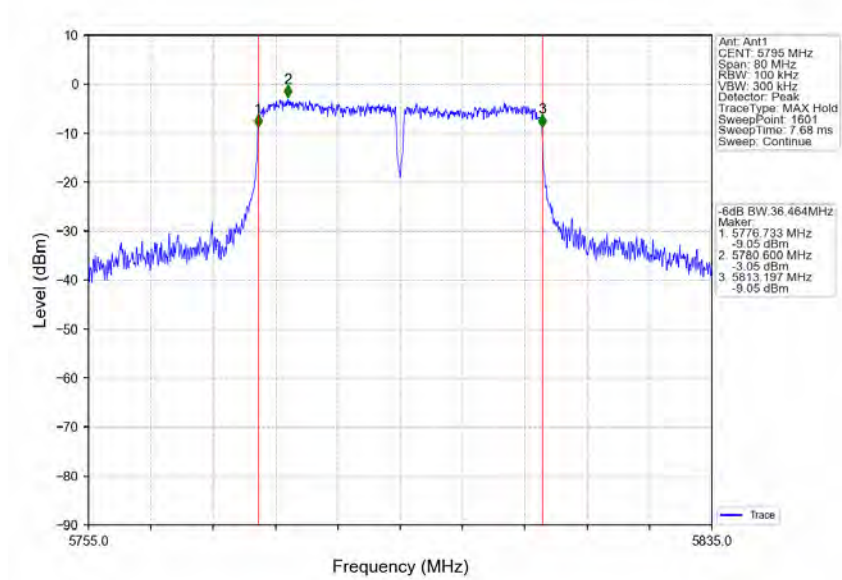
Compliance Certification Services (Kunshan) Inc.

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

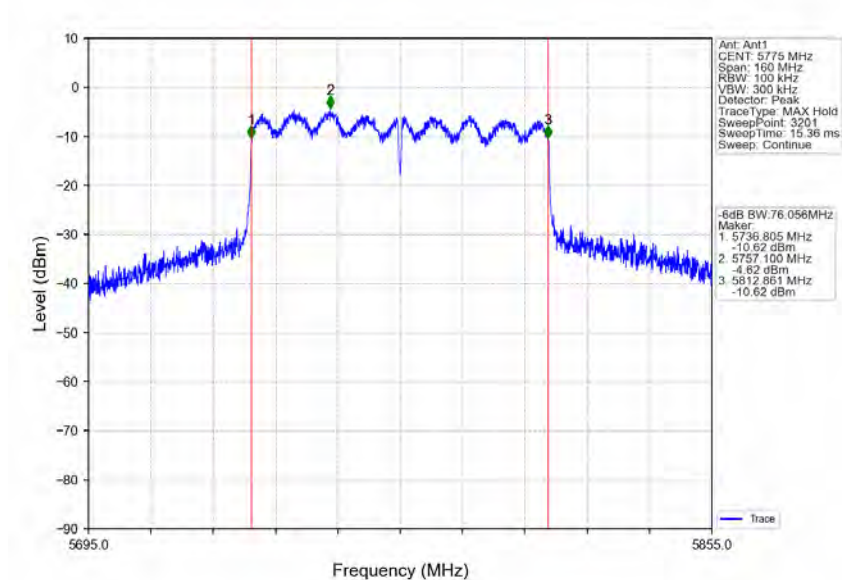
Report No.: KSCR240200024802

Page: 307 of 410

802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN



2.3 26dB BW

2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5180	1	23.494	/	Pass
		5200	1	21.988	/	Pass
		5240	1	21.927	/	Pass
		5260	1	21.515	/	Pass
		5300	1	22.032	/	Pass
		5320	1	21.516	/	Pass
		5500	1	30.605	/	Pass
		5580	1	28.475	/	Pass
		5700	1	27.556	/	Pass
802.11n (HT20)	SISO	5180	1	21.962	/	Pass
		5200	1	23.574	/	Pass
		5240	1	22.069	/	Pass
		5260	1	21.997	/	Pass
		5300	1	21.786	/	Pass
		5320	1	21.936	/	Pass
		5500	1	21.654	/	Pass
		5580	1	27.754	/	Pass
		5700	1	29.100	/	Pass
802.11n (HT40)	SISO	5190	1	49.671	/	Pass
		5230	1	47.149	/	Pass
		5270	1	51.040	/	Pass
		5310	1	50.717	/	Pass
		5510	1	43.912	/	Pass
		5550	1	64.960	/	Pass
		5670	1	74.465	/	Pass
802.11ac (VHT20)	SISO	5180	1	21.987	/	Pass
		5200	1	21.960	/	Pass
		5240	1	22.573	/	Pass
		5260	1	21.935	/	Pass
		5300	1	21.837	/	Pass
		5320	1	21.727	/	Pass
		5500	1	38.597	/	Pass
		5580	1	44.318	/	Pass
		5700	1	43.775	/	Pass
802.11ac (VHT40)	SISO	5190	1	50.859	/	Pass
		5230	1	51.553	/	Pass
		5270	1	51.635	/	Pass
		5310	1	46.507	/	Pass
		5510	1	85.199	/	Pass
		5550	1	87.798	/	Pass
		5670	1	89.006	/	Pass
802.11ac (VHT80)	SISO	5210	1	88.765	/	Pass
		5290	1	107.142	/	Pass



Compliance Certification Services (Kunshan) Inc.

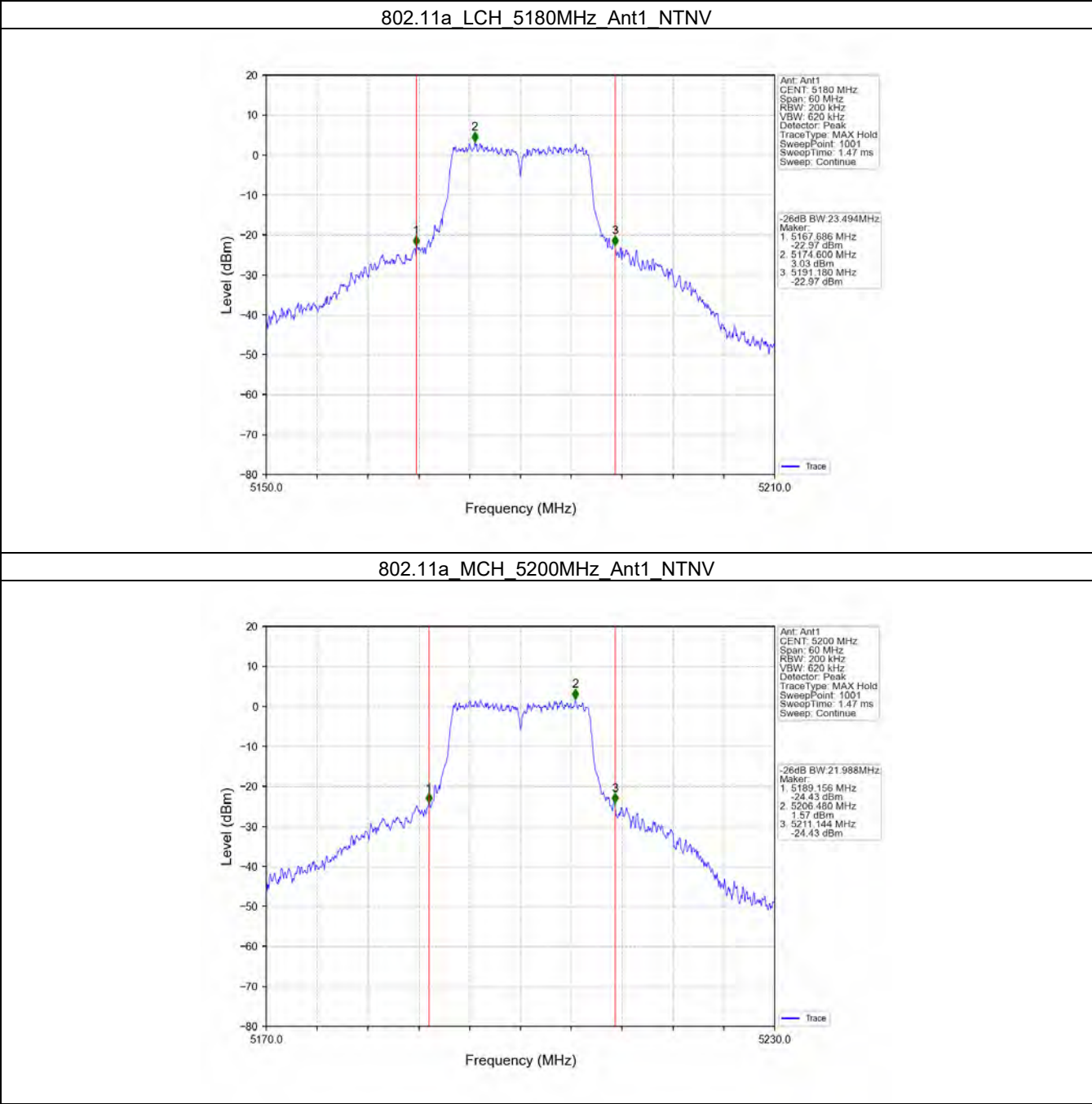
CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240200024802

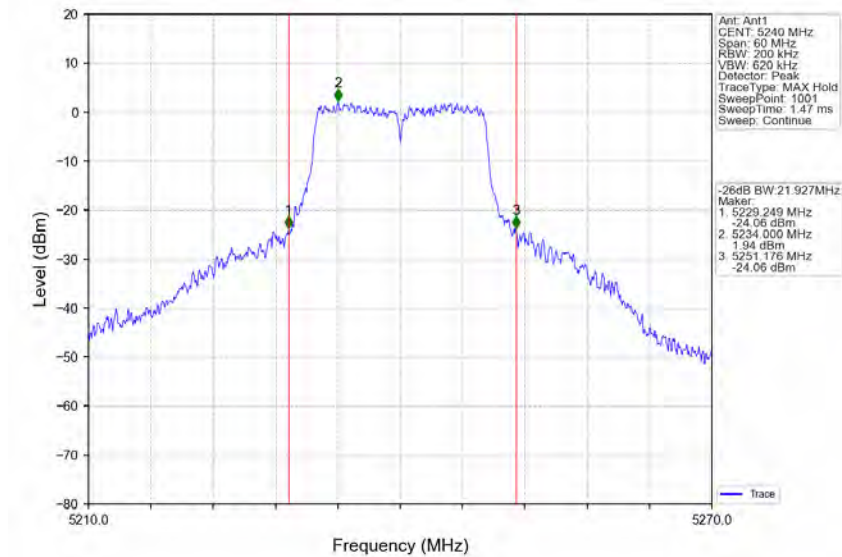
Page: 309 of 410

		5530	1	110.238	/	Pass
		5610	1	113.890	/	Pass

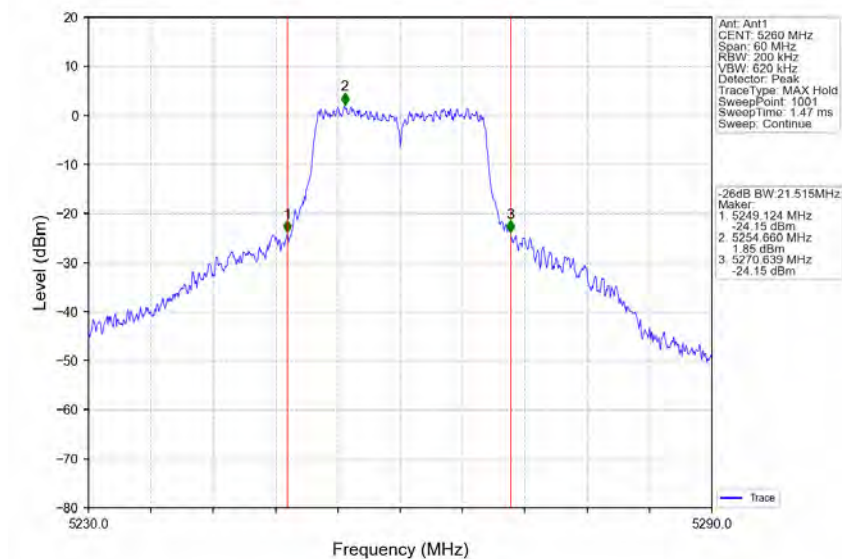
2.3.2 Test Graph



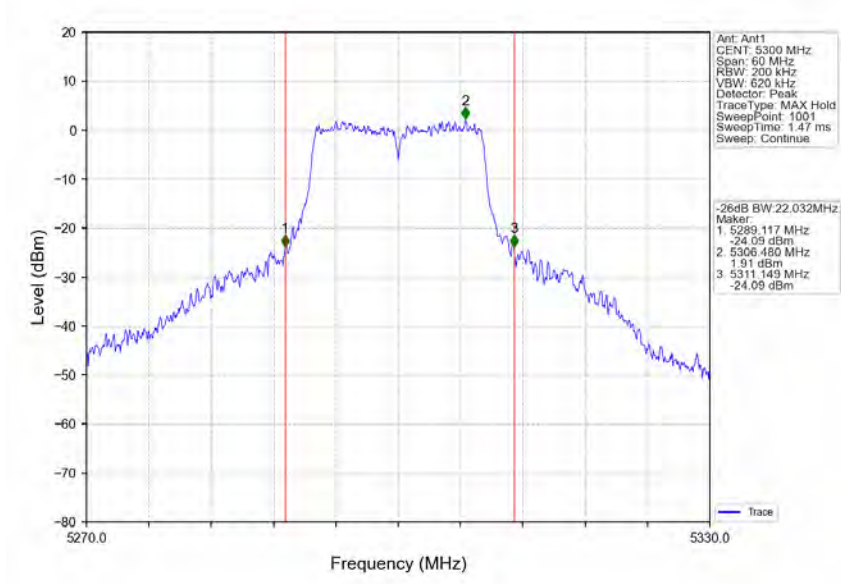
802.11a HCH 5240MHz Ant1 NTN



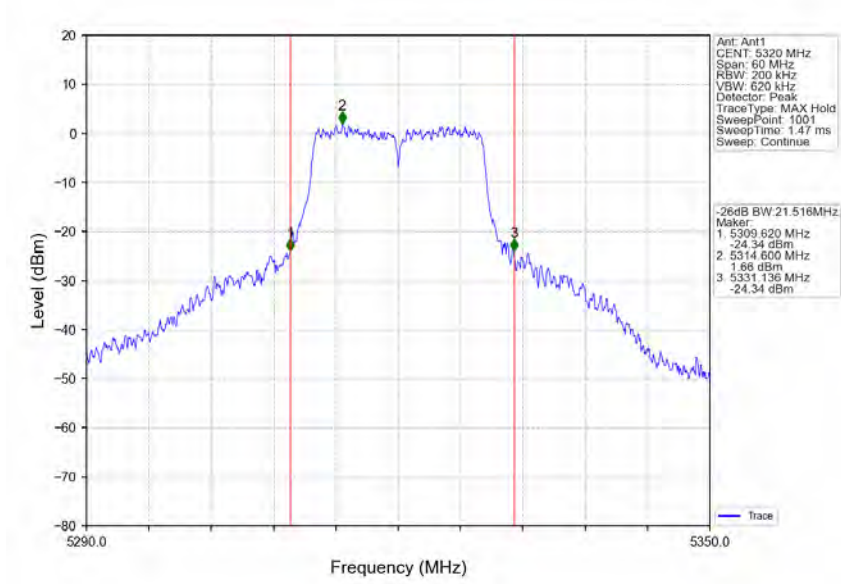
802.11a LCH 5260MHz Ant1 NTN



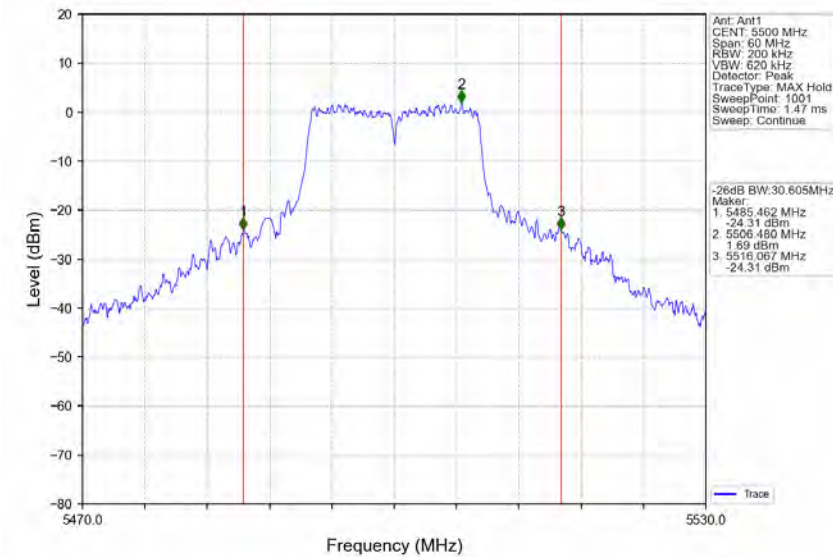
802.11a MCH 5300MHz Ant1 NTNV



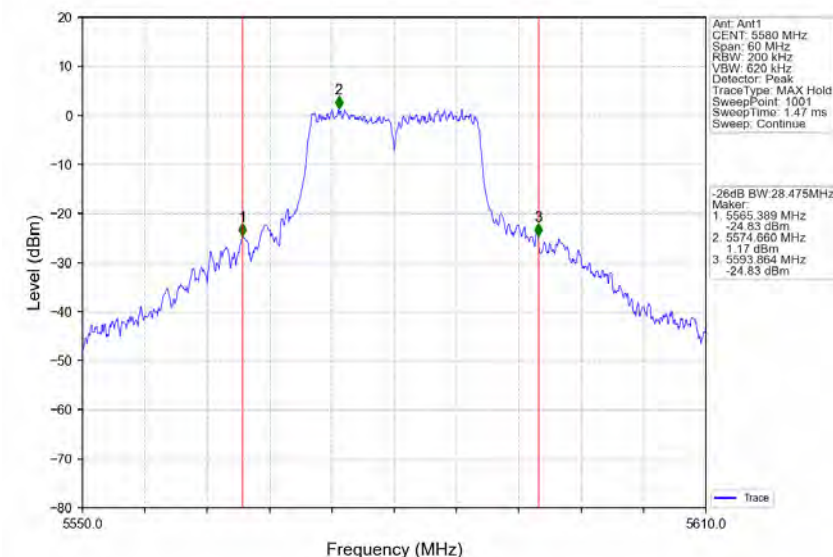
802.11a HCH 5320MHz Ant1 NTNV



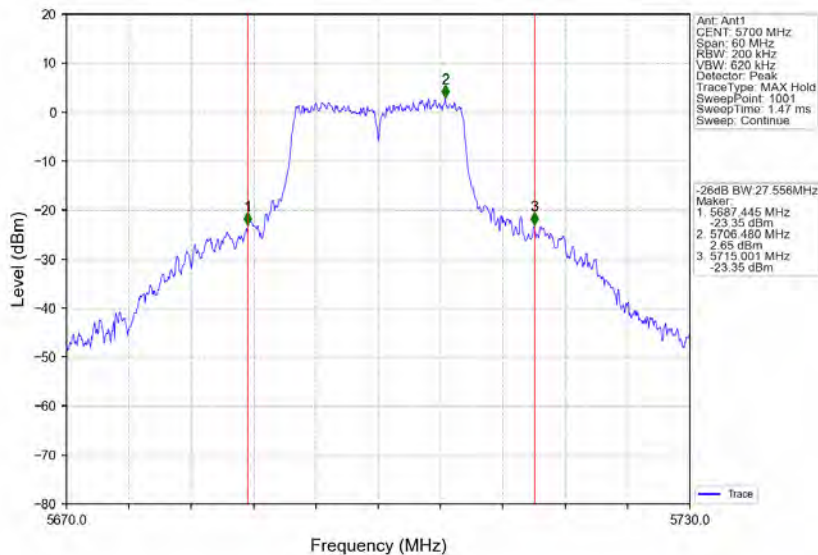
802.11a LCH 5500MHz Ant1 NTN



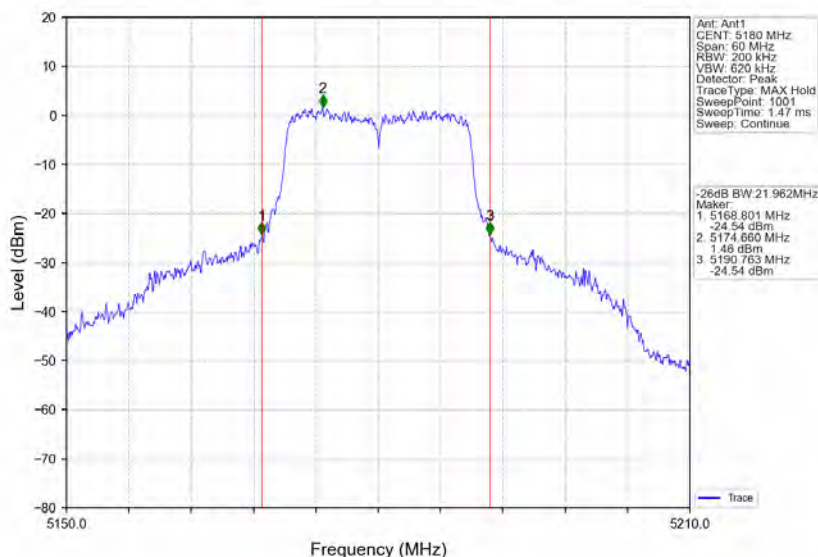
802.11a MCH 5580MHz Ant1 NTN



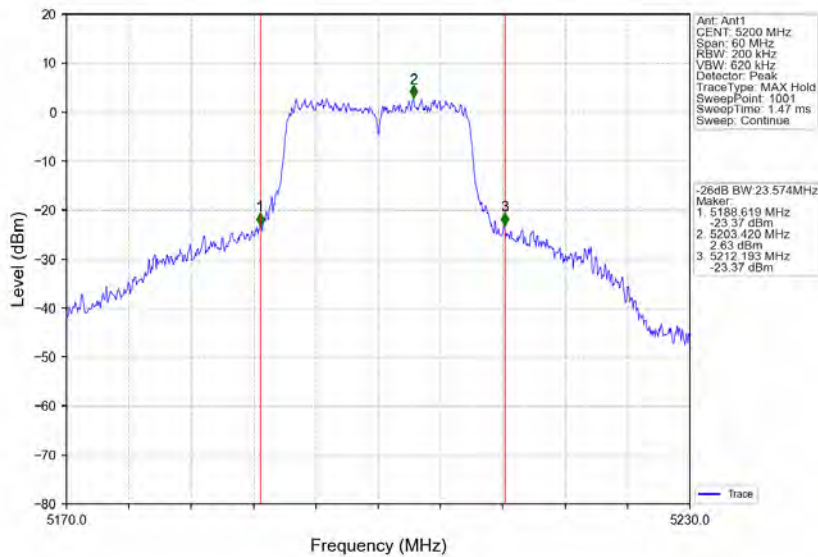
802.11a HCH 5700MHz Ant1 NTN



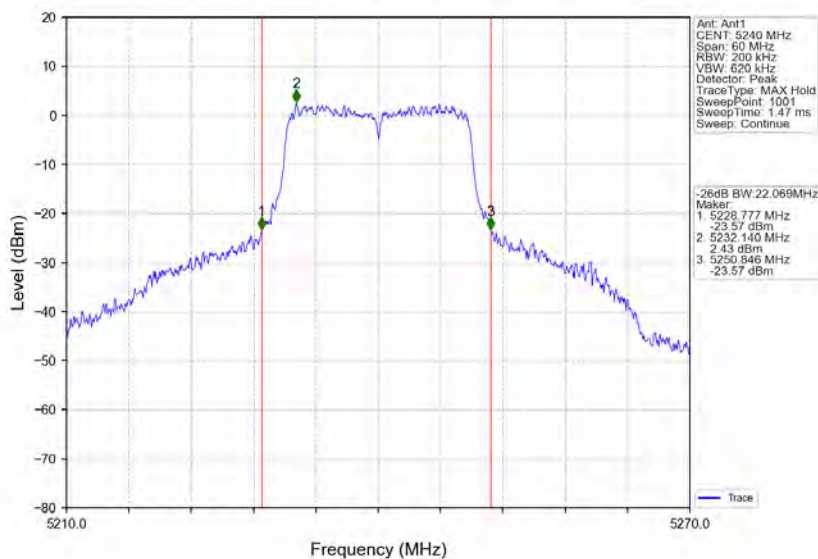
802.11n(HT20) LCH 5180MHz Ant1 NTN



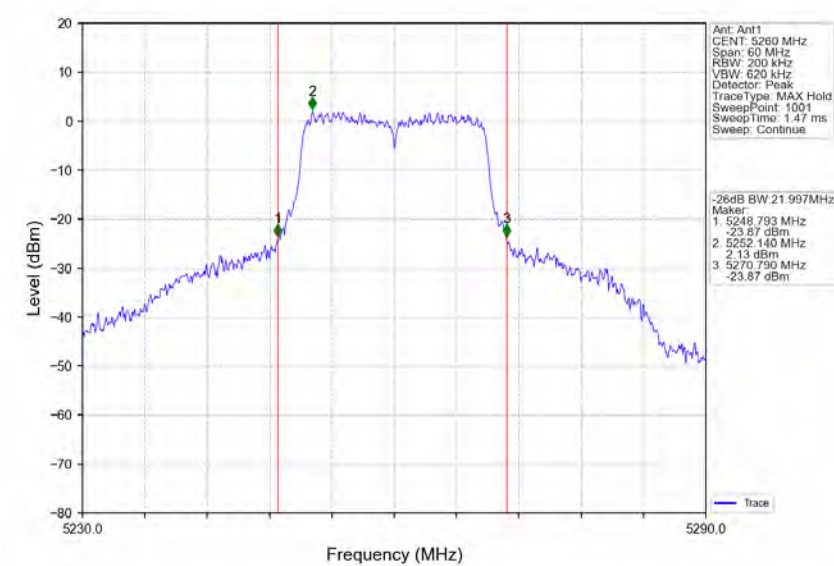
802.11n(HT20) MCH 5200MHz Ant1 NTNV



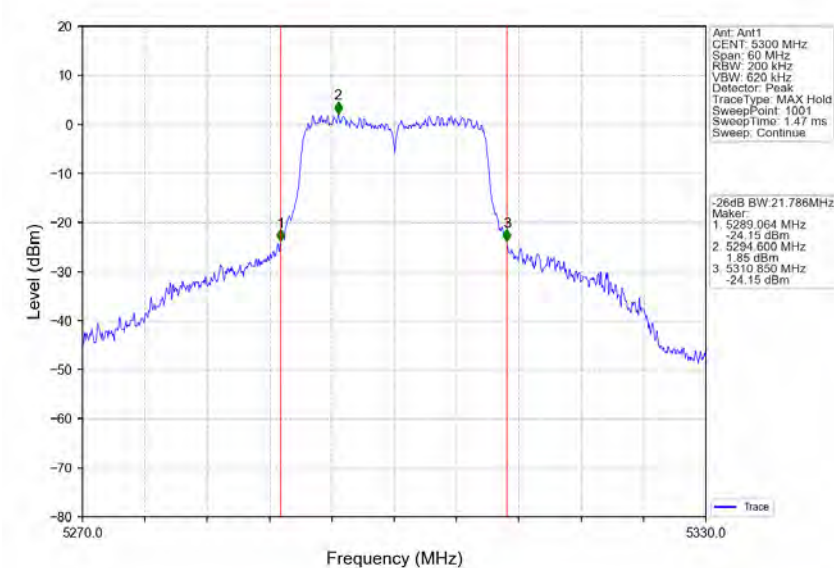
802.11n(HT20) HCH 5240MHz Ant1 NTNV



802.11n(HT20) LCH 5260MHz Ant1 NTN



802.11n(HT20) MCH 5300MHz Ant1 NTN



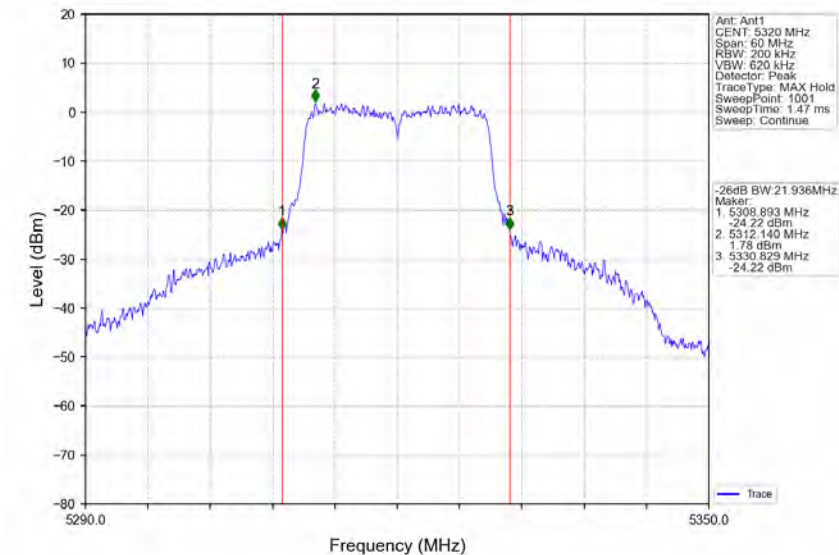
Compliance Certification Services (Kunshan) Inc.

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

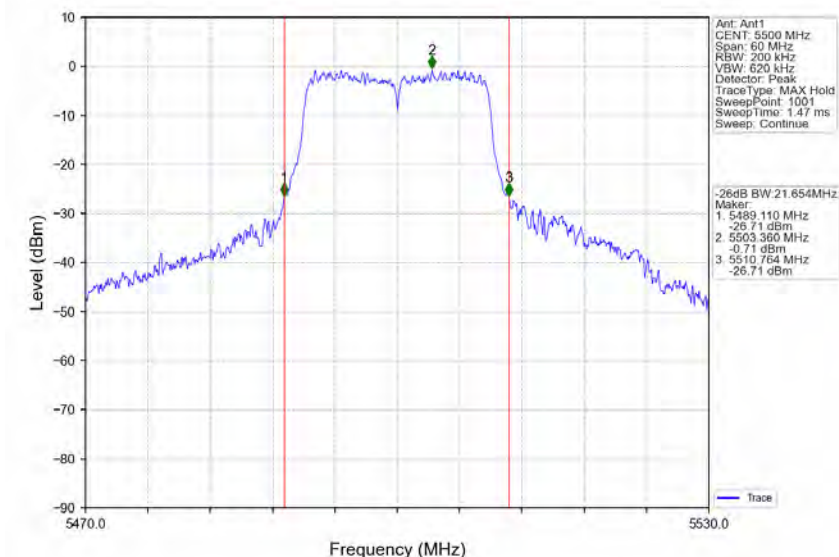
Report No.: KSCR240200024802

Page: 317 of 410

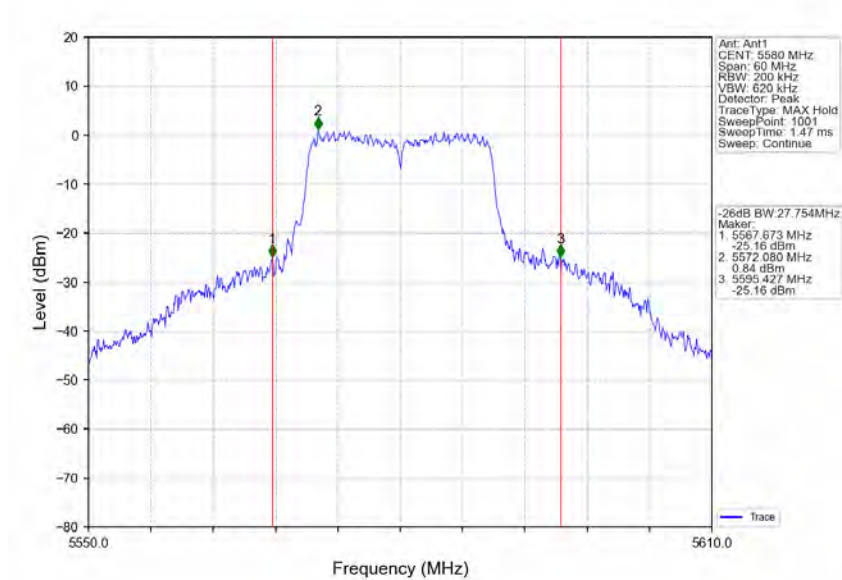
802.11n(HT20) HCH 5320MHz Ant1 NTNV



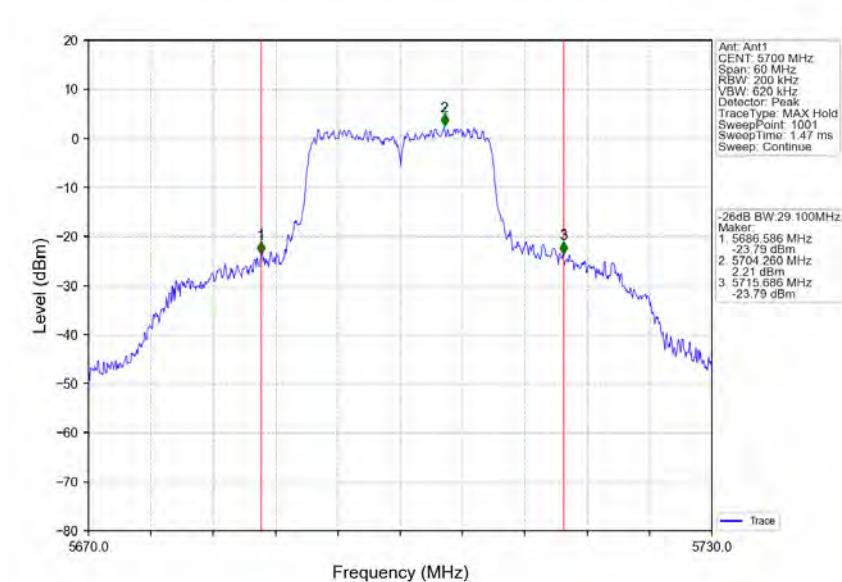
802.11n(HT20) LCH 5500MHz Ant1 NTNV



802.11n(HT20) MCH 5580MHz Ant1 NTN



802.11n(HT20) HCH 5700MHz Ant1 NTN



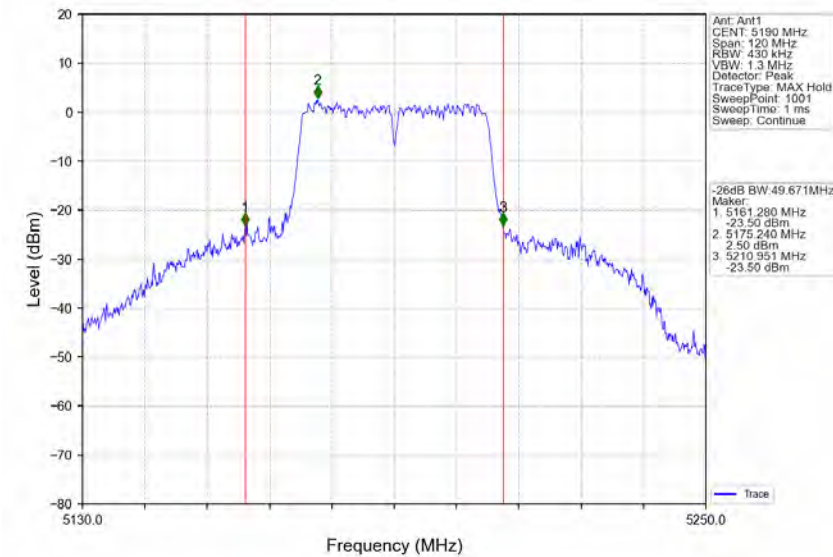
Compliance Certification Services (Kunshan) Inc.

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

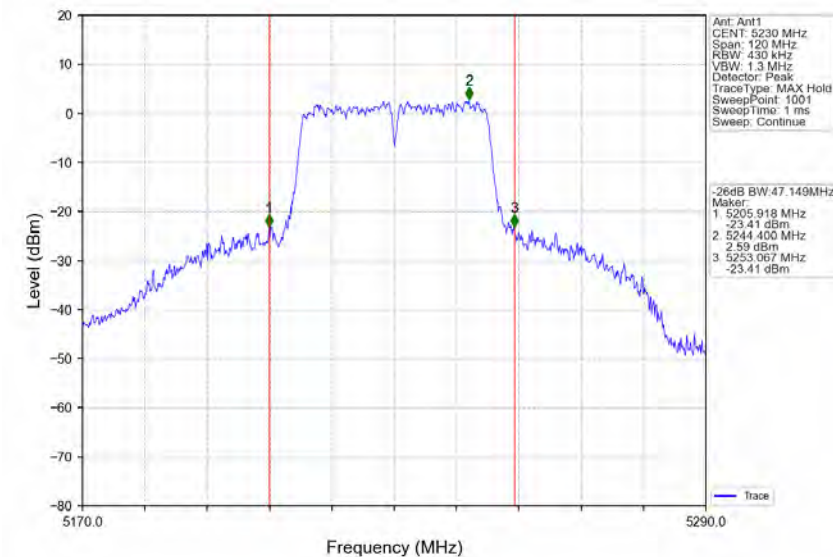
Report No.: KSCR240200024802

Page: 319 of 410

802.11n(HT40) LCH 5190MHz Ant1 NTNV



802.11n(HT40) HCH 5230MHz Ant1 NTNV



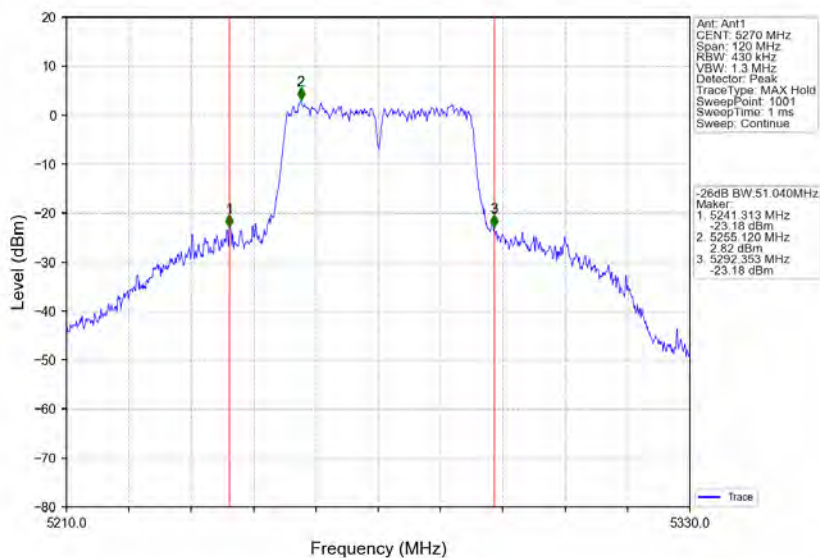
Compliance Certification Services (Kunshan) Inc.

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

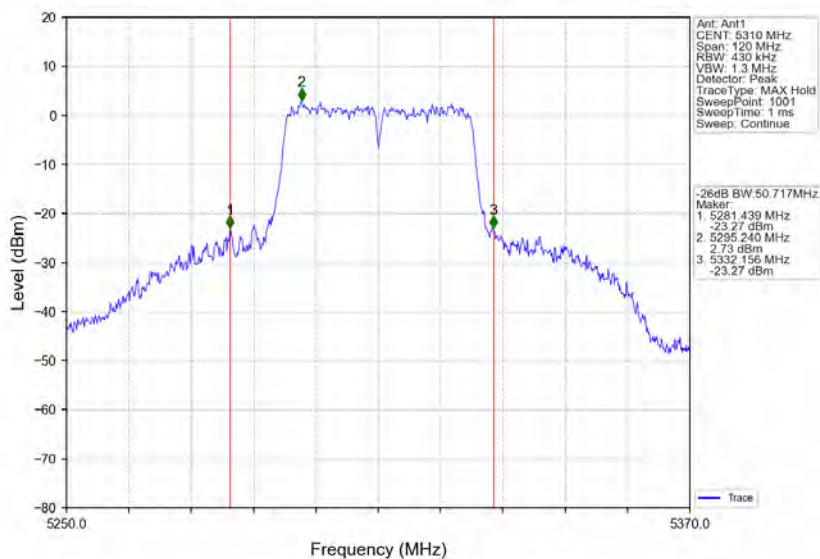
Report No.: KSCR240200024802

Page: 320 of 410

802.11n(HT40) LCH 5270MHz Ant1 NTNV



802.11n(HT40) HCH 5310MHz Ant1 NTNV



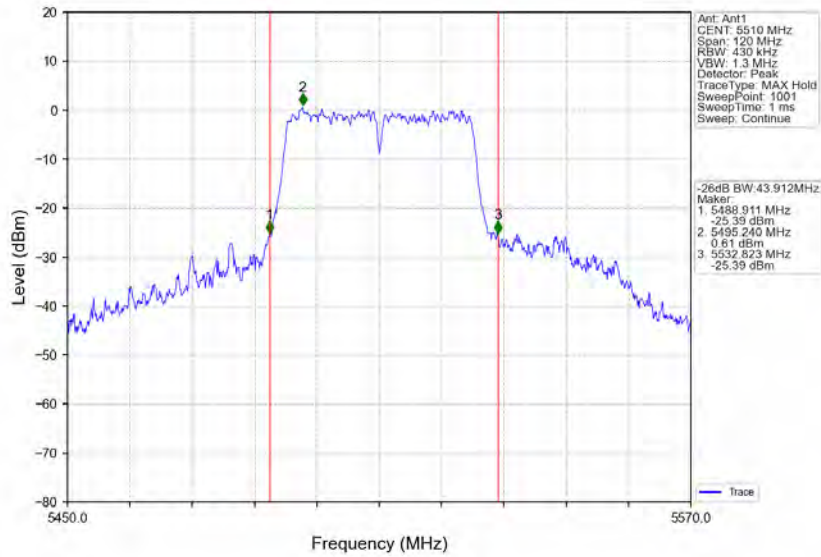
Compliance Certification Services (Kunshan) Inc.

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

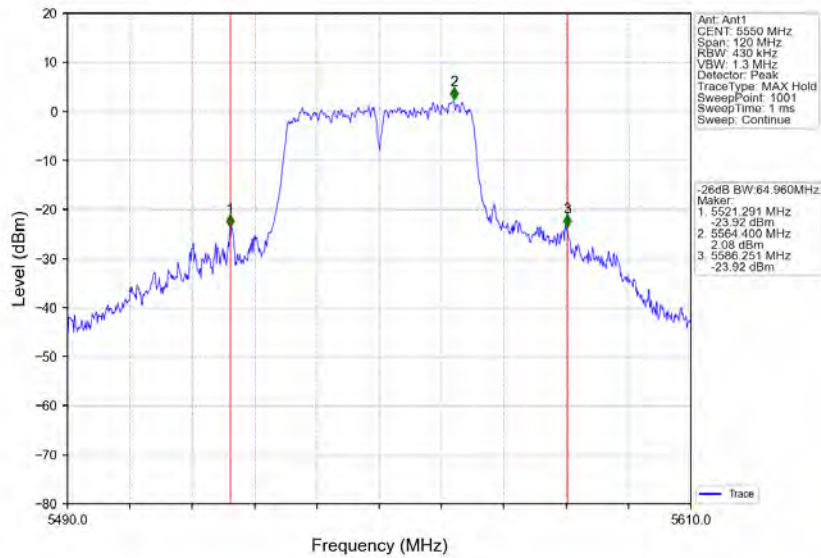
Report No.: KSCR240200024802

Page: 321 of 410

802.11n(HT40) LCH 5510MHz Ant1 NTNV



802.11n(HT40) MCH 5550MHz Ant1 NTNV



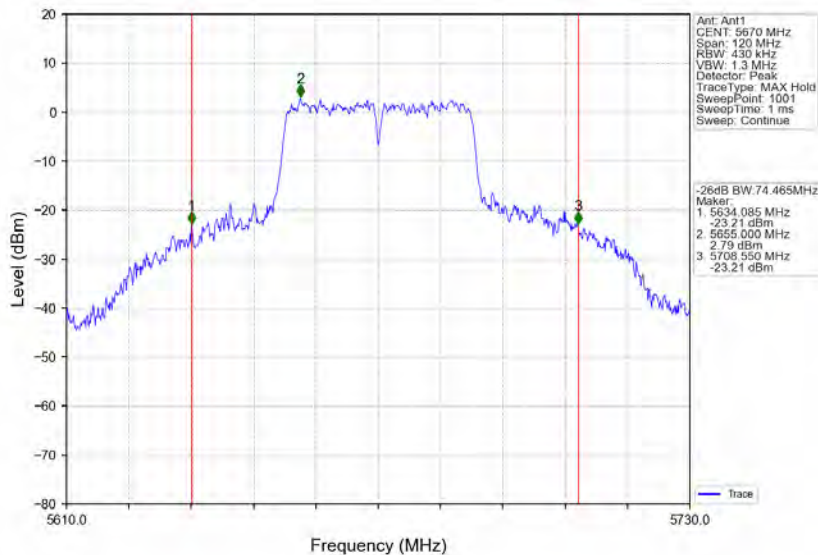
Compliance Certification Services (Kunshan) Inc.

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

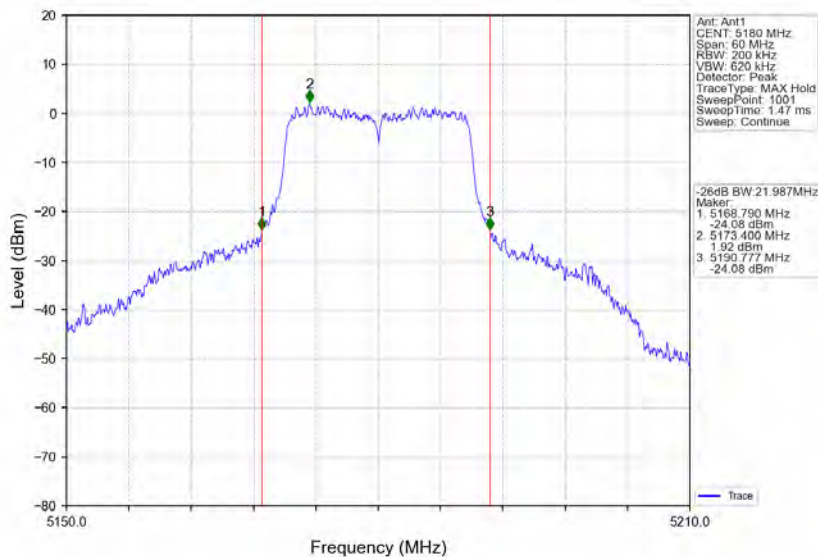
Report No.: KSCR240200024802

Page: 322 of 410

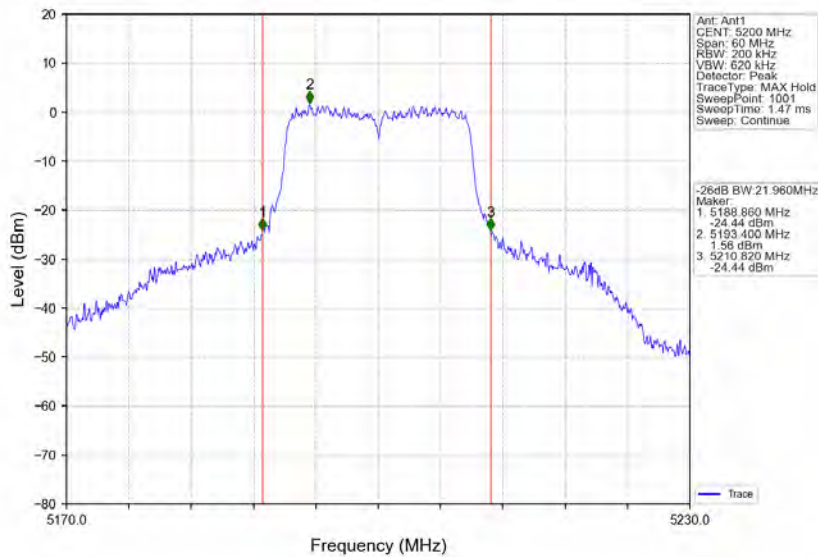
802.11n(HT40) HCH 5670MHz Ant1 NTN



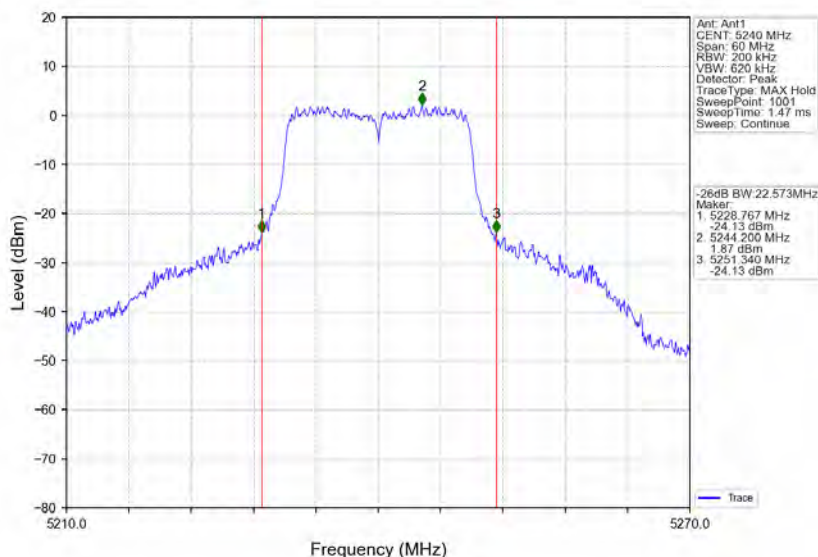
802.11ac(VHT20) LCH 5180MHz Ant1 NTN



802.11ac(VHT20) MCH 5200MHz Ant1 NTN



802.11ac(VHT20) HCH 5240MHz Ant1 NTN



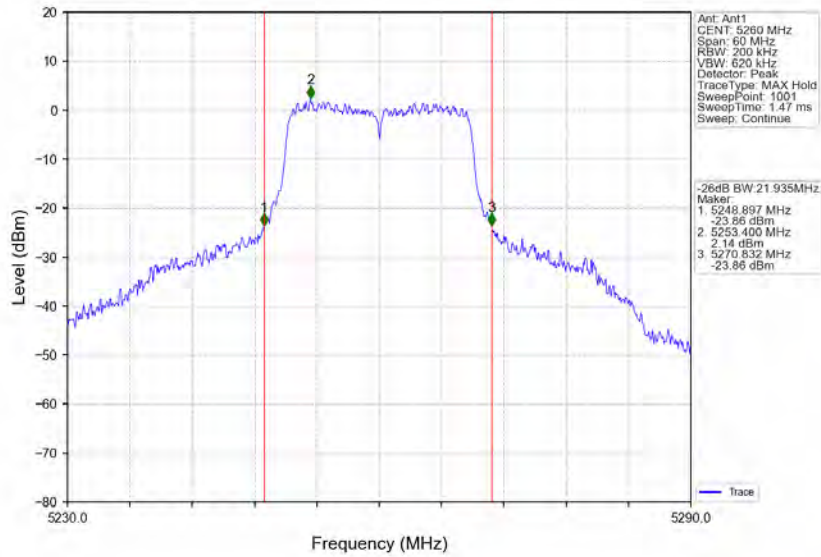
Compliance Certification Services (Kunshan) Inc.

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

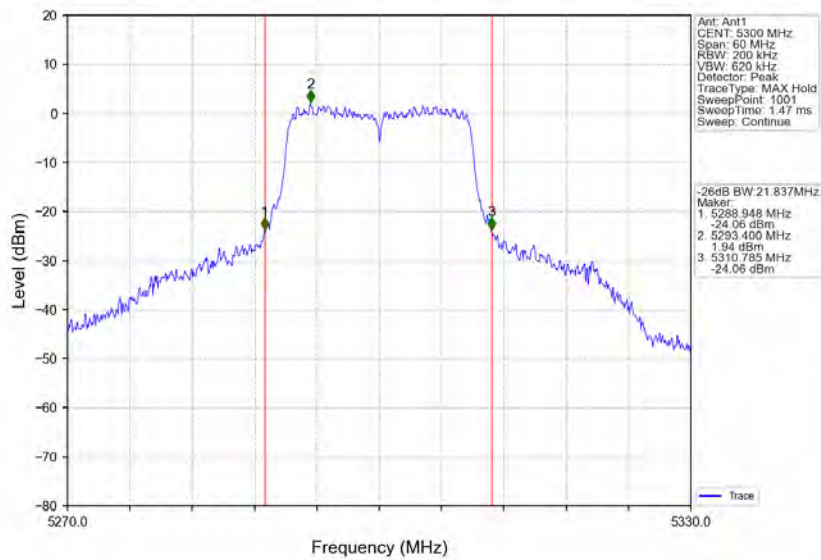
Report No.: KSCR240200024802

Page: 324 of 410

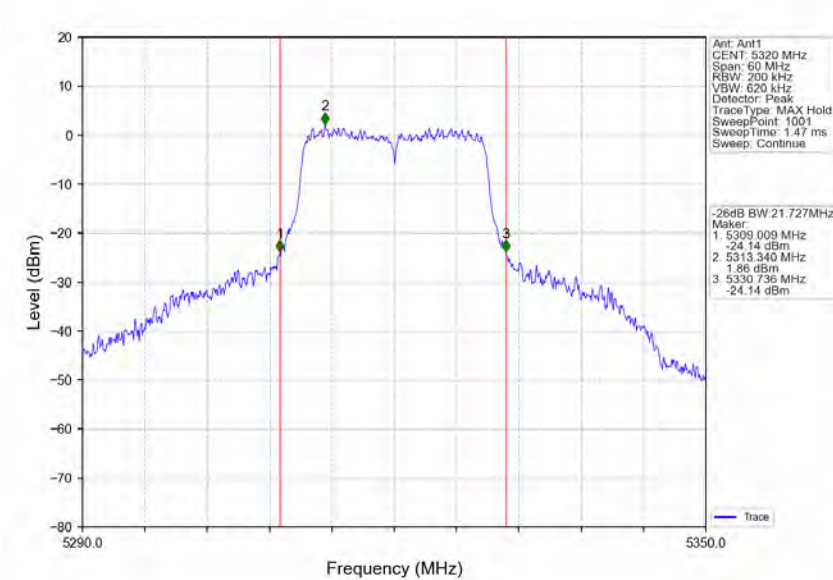
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



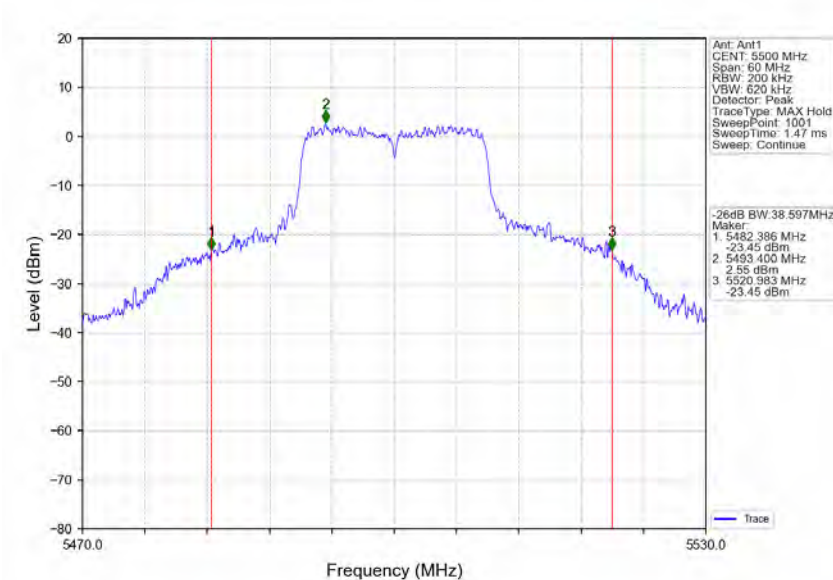
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



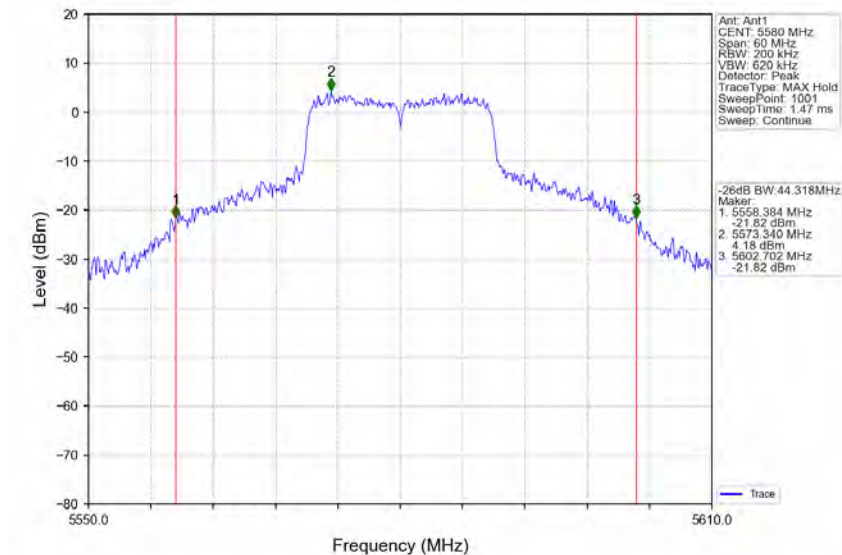
802.11ac(VHT20) HCH 5320MHz Ant1 NTN



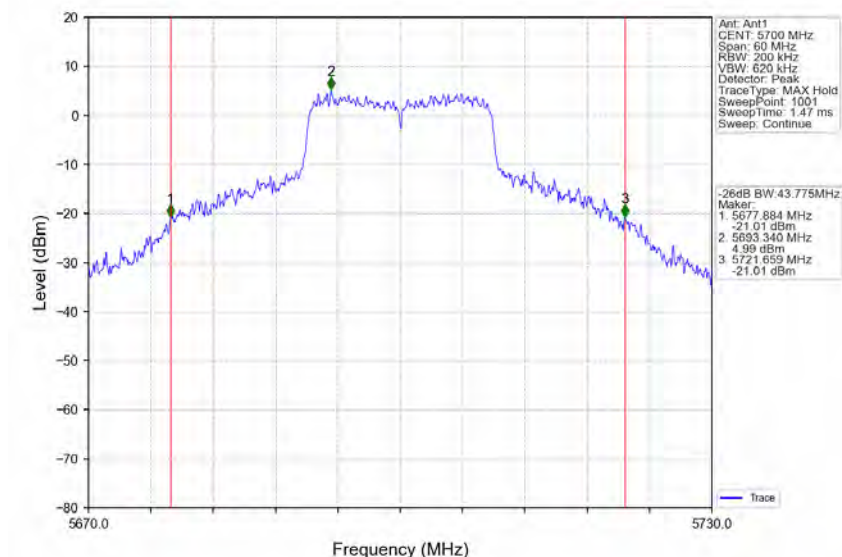
802.11ac(VHT20) LCH 5500MHz Ant1 NTN



802.11ac(VHT20) MCH 5580MHz Ant1 NTNV



802.11ac(VHT20) HCH 5700MHz Ant1 NTNV



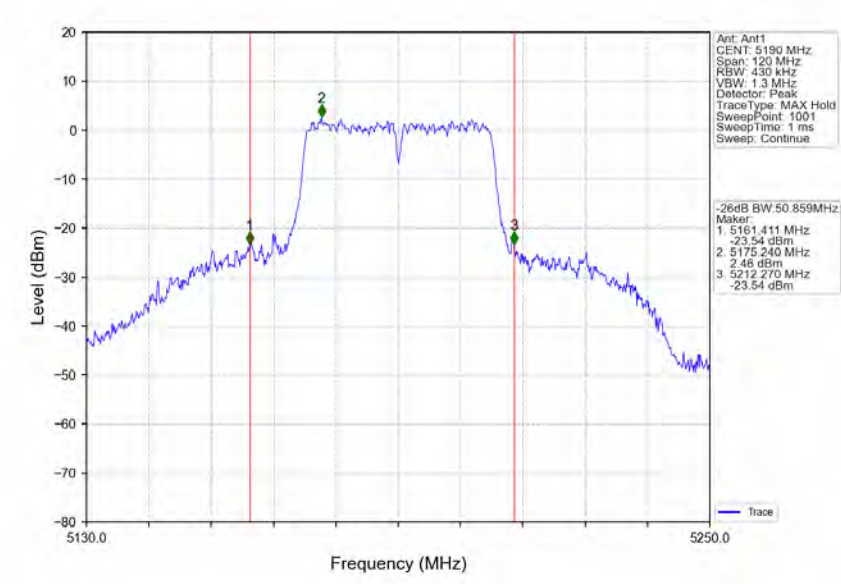
Compliance Certification Services (Kunshan) Inc.

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

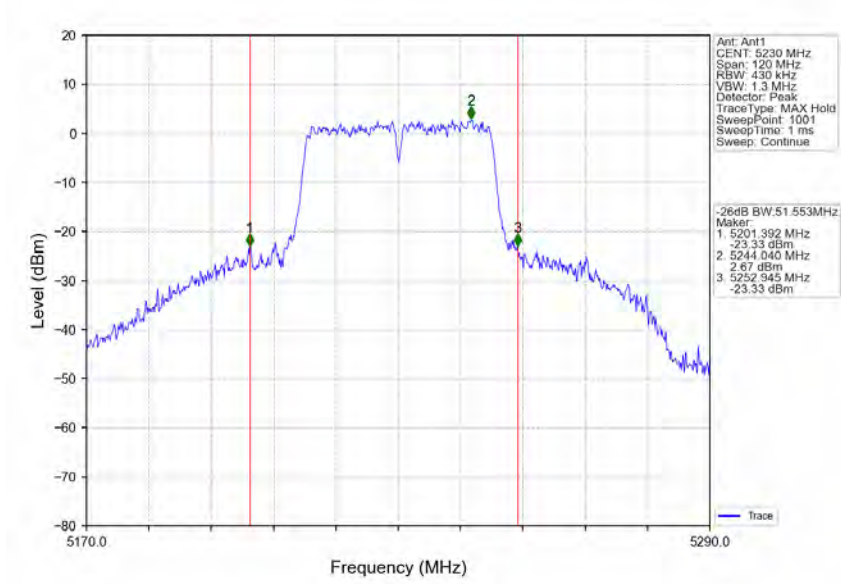
Report No.: KSCR240200024802

Page: 327 of 410

802.11ac(VHT40) LCH 5190MHz Ant1 NTN



802.11ac(VHT40) HCH 5230MHz Ant1 NTN



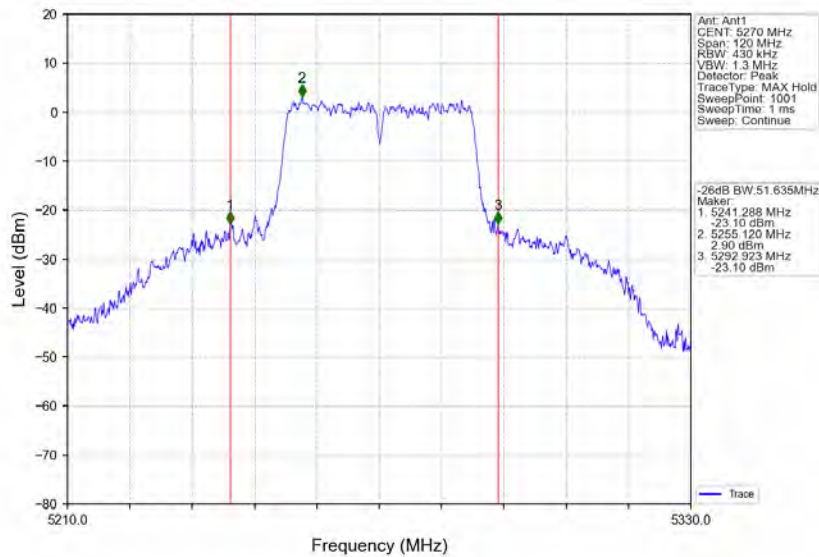
Compliance Certification Services (Kunshan) Inc.

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

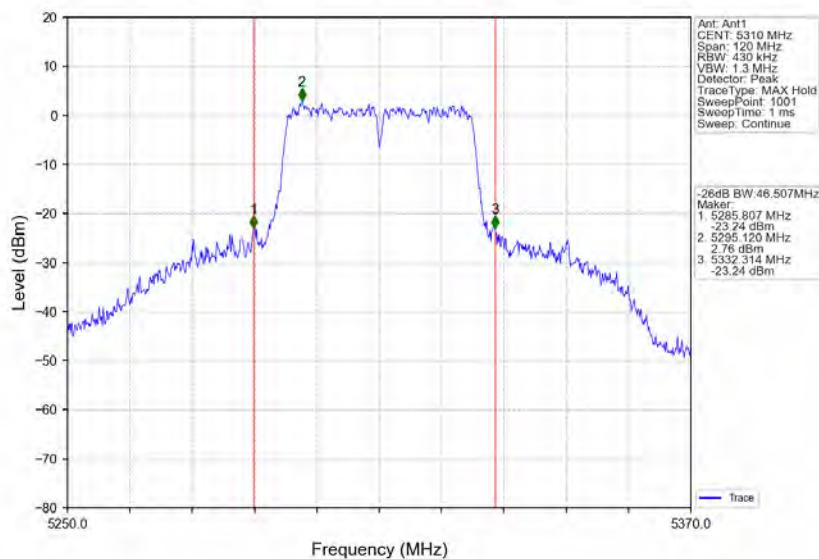
Report No.: KSCR240200024802

Page: 328 of 410

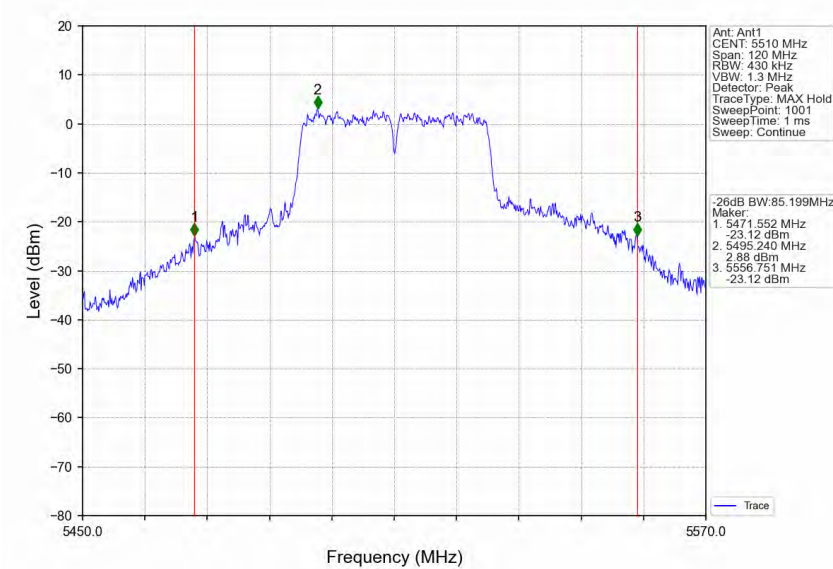
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



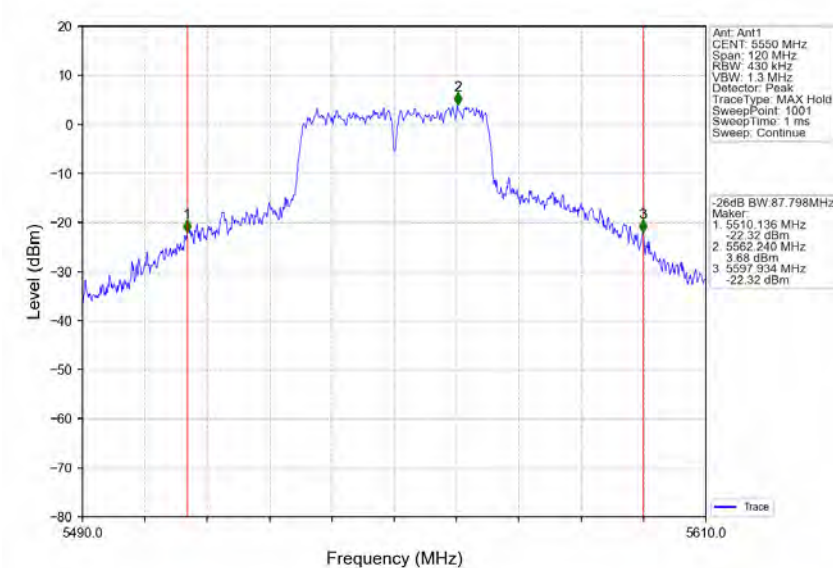
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



802.11ac(VHT40) LCH 5510MHz Ant1 NTN



802.11ac(VHT40) MCH 5550MHz Ant1 NTN



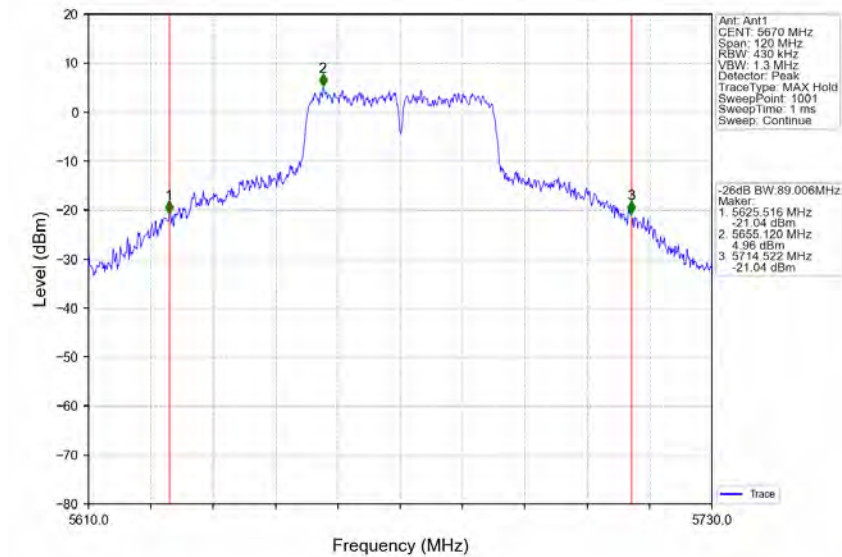
Compliance Certification Services (Kunshan) Inc.

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

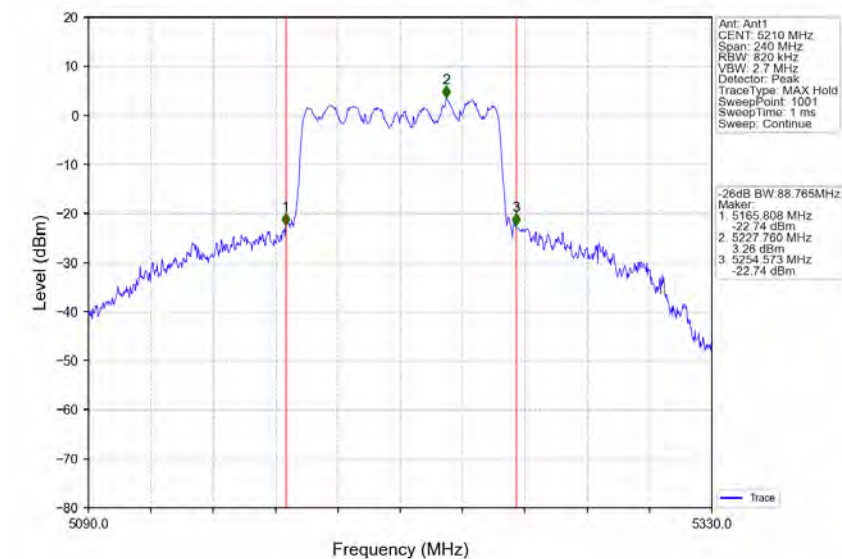
Report No.: KSCR240200024802

Page: 330 of 410

802.11ac(VHT40) HCH 5670MHz Ant1 NTNV



802.11ac(VHT80) MCH 5210MHz Ant1 NTNV



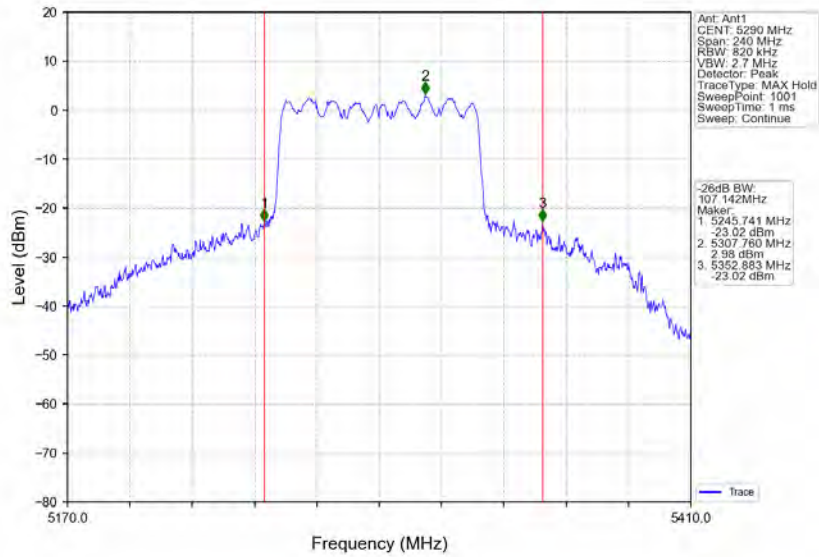
Compliance Certification Services (Kunshan) Inc.

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

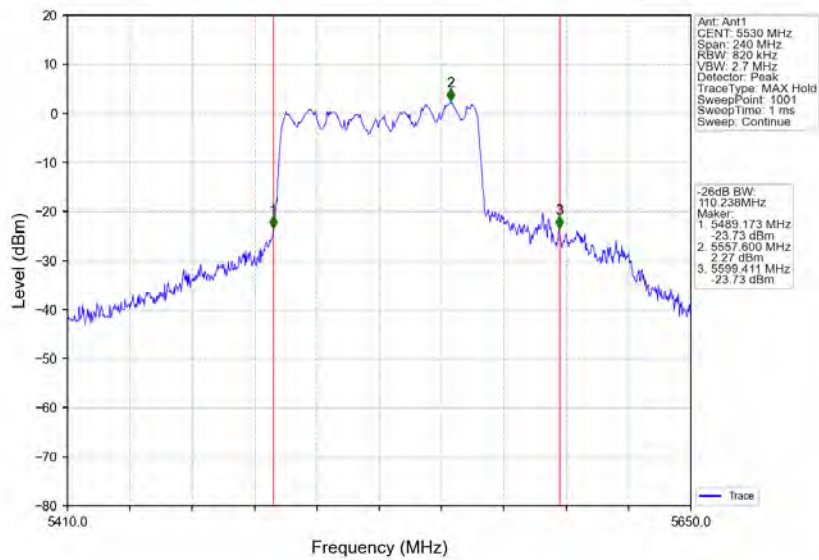
Report No.: KSCR240200024802

Page: 331 of 410

802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



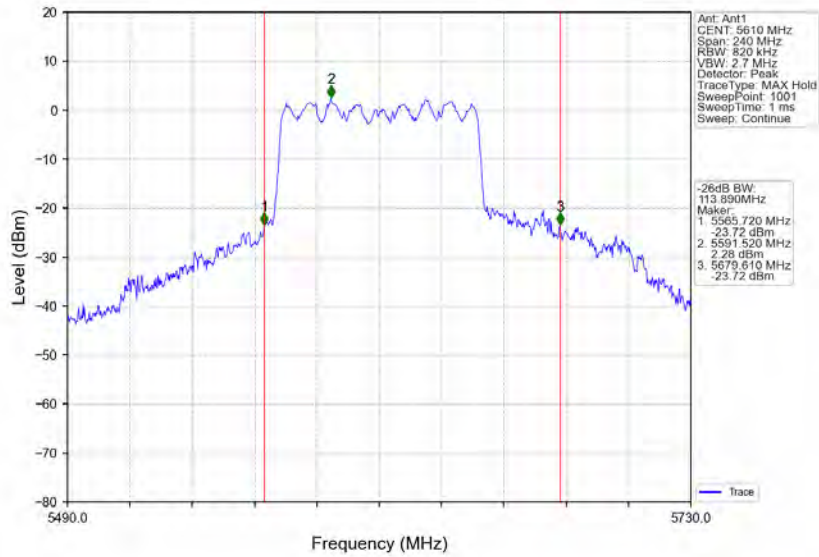
Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 332 of 410

802.11ac(VHT80) HCH 5610MHz Ant1 NTNV



3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	13.22	<=23.98	Pass
		5200	12.17	<=23.98	Pass
		5240	12.65	<=23.98	Pass
		5260	12.29	<=23.98	Pass
		5300	12.43	<=23.98	Pass
		5320	12.26	<=23.98	Pass
		5500	12.17	<=23.98	Pass
		5580	11.66	<=23.98	Pass
		5700	13.02	<=23.98	Pass
		5745	14.37	<=30	Pass
		5785	13.83	<=30	Pass
		5825	13.26	<=30	Pass
802.11n (HT20)	SISO	5180	12.20	<=23.98	Pass
		5200	13.38	<=23.98	Pass
		5240	13.18	<=23.98	Pass
		5260	12.68	<=23.98	Pass
		5300	12.78	<=23.98	Pass
		5320	12.66	<=23.98	Pass
		5500	10.05	<=23.98	Pass
		5580	11.69	<=23.98	Pass
		5700	13.06	<=23.98	Pass
		5745	14.38	<=30	Pass
		5785	13.82	<=30	Pass
		5825	13.17	<=30	Pass
802.11n (HT40)	SISO	5190	12.44	<=23.98	Pass
		5230	12.86	<=23.98	Pass
		5270	12.64	<=23.98	Pass
		5310	12.83	<=23.98	Pass
		5510	10.40	<=23.98	Pass
		5550	11.63	<=23.98	Pass
		5670	12.90	<=23.98	Pass
		5755	14.68	<=30	Pass
		5795	13.70	<=30	Pass
802.11ac (VHT20)	SISO	5180	12.20	<=23.98	Pass
		5200	12.22	<=23.98	Pass
		5240	12.81	<=23.98	Pass
		5260	12.51	<=23.98	Pass
		5300	12.56	<=23.98	Pass
		5320	12.45	<=23.98	Pass
		5500	13.39	<=23.98	Pass
		5580	14.75	<=23.98	Pass



Compliance Certification Services (Kunshan) Inc.

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

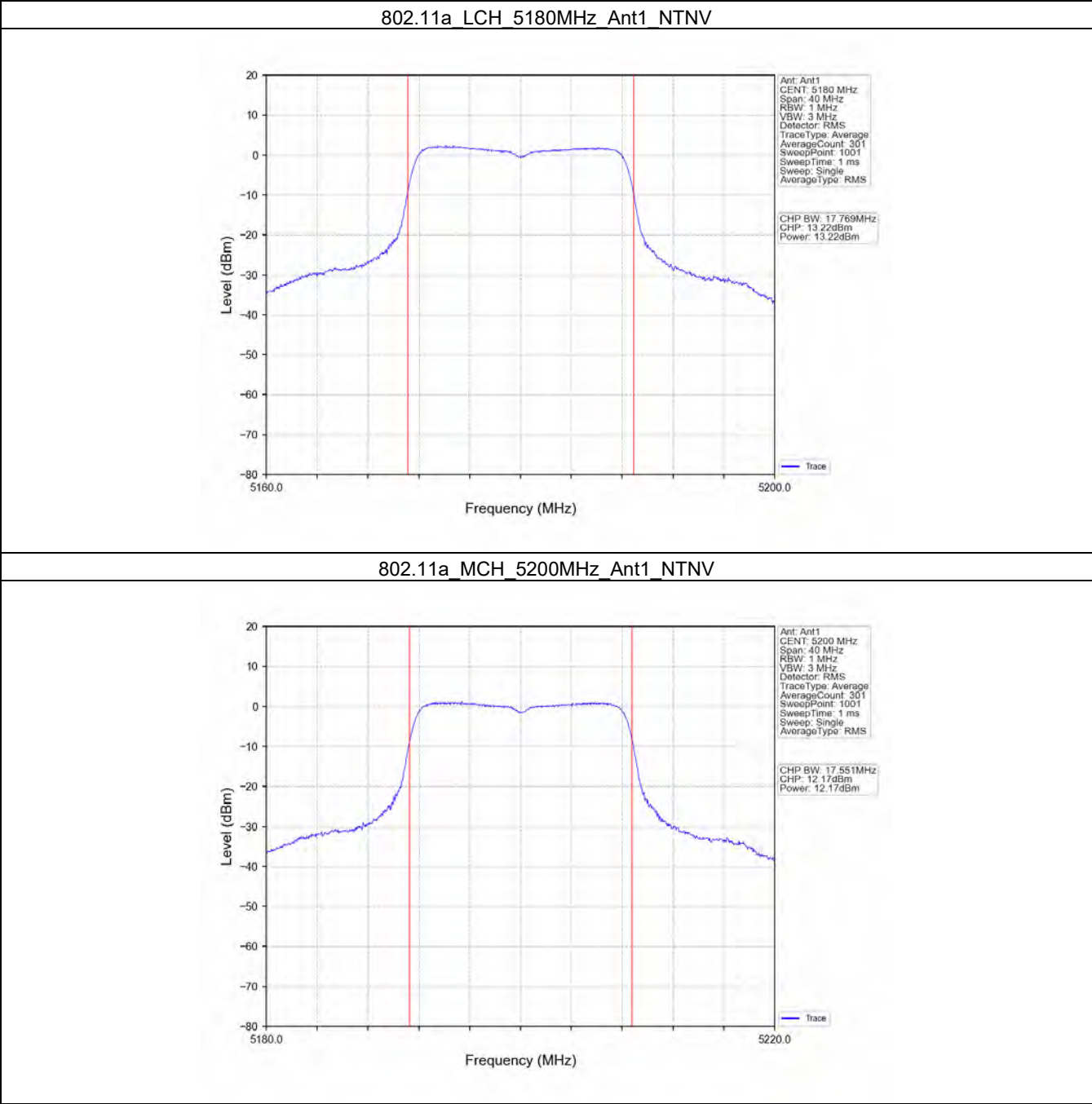
Report No.: KSCR240200024802

Page: 334 of 410

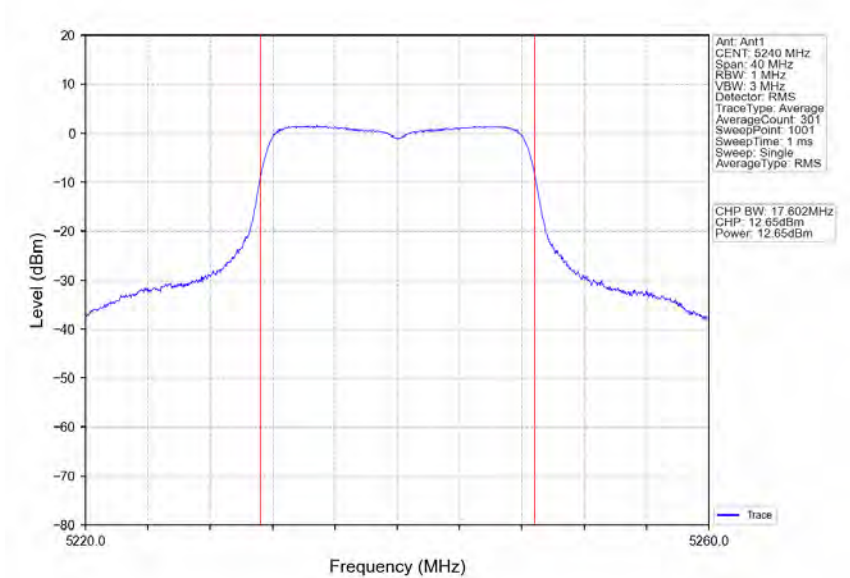
		5700	15.51	≤ 23.98	Pass
		5745	14.36	≤ 30	Pass
		5785	13.93	≤ 30	Pass
		5825	13.21	≤ 30	Pass
802.11ac (VHT40)	SISO	5190	12.52	≤ 23.98	Pass
		5230	12.97	≤ 23.98	Pass
		5270	12.73	≤ 23.98	Pass
		5310	12.82	≤ 23.98	Pass
		5510	13.37	≤ 23.98	Pass
		5550	14.07	≤ 23.98	Pass
		5670	15.55	≤ 23.98	Pass
		5755	14.66	≤ 30	Pass
802.11ac (VHT80)	SISO	5795	13.72	≤ 30	Pass
		5210	12.77	≤ 23.98	Pass
		5290	12.63	≤ 23.98	Pass
		5530	11.54	≤ 23.98	Pass
		5610	11.99	≤ 23.98	Pass
		5775	14.21	≤ 30	Pass

Note1: Antenna Gain: U-NII-1: -1.03dBi; U-NII-2A: -1.05dBi, U-NII-2C: 0.92dBi, U-NII-3: 0.92dBi

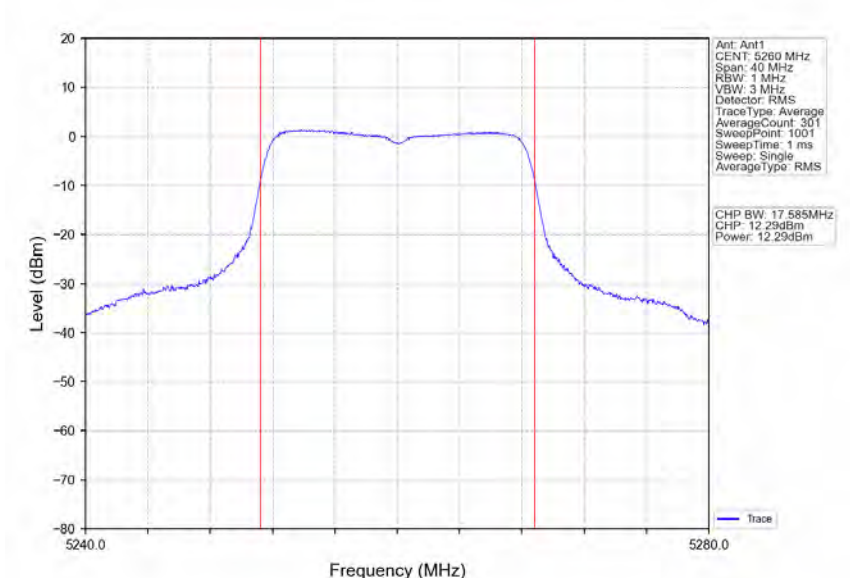
3.1.2 Test Graph



802.11a HCH 5240MHz Ant1 NTN



802.11a LCH 5260MHz Ant1 NTN



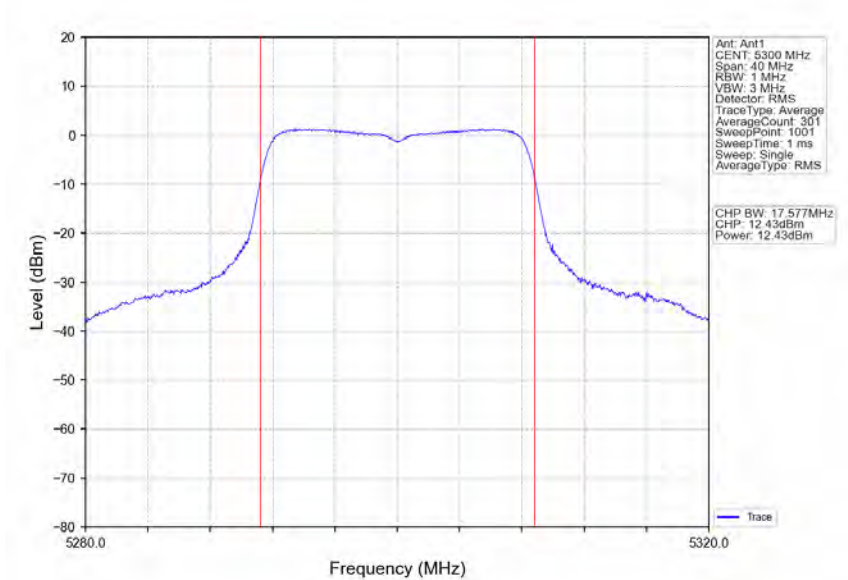
Compliance Certification Services (Kunshan) Inc.

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

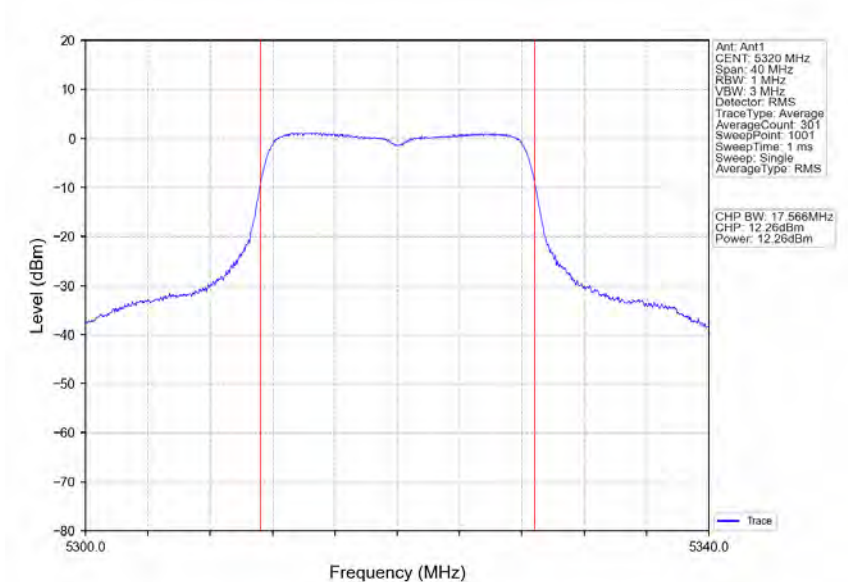
Report No.: KSCR240200024802

Page: 337 of 410

802.11a MCH 5300MHz Ant1 NTNV



802.11a HCH 5320MHz Ant1 NTNV



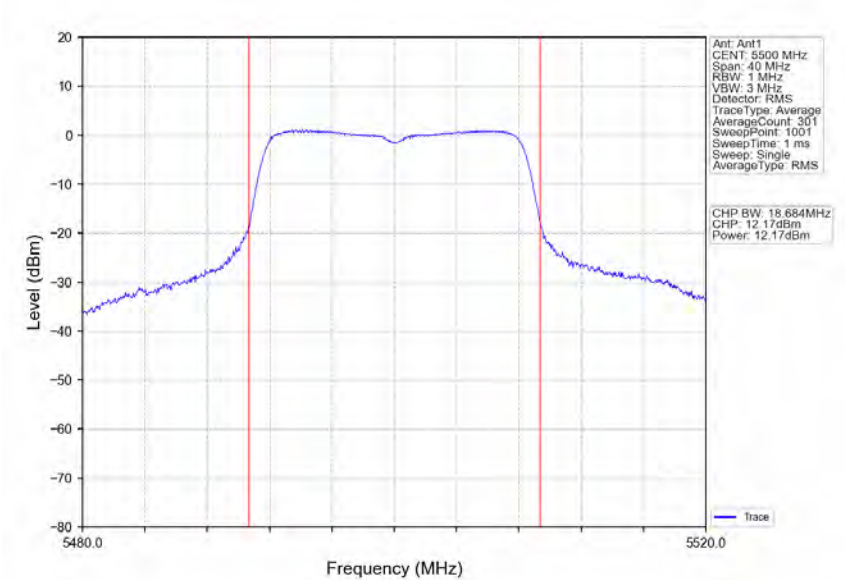
Compliance Certification Services (Kunshan) Inc.

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

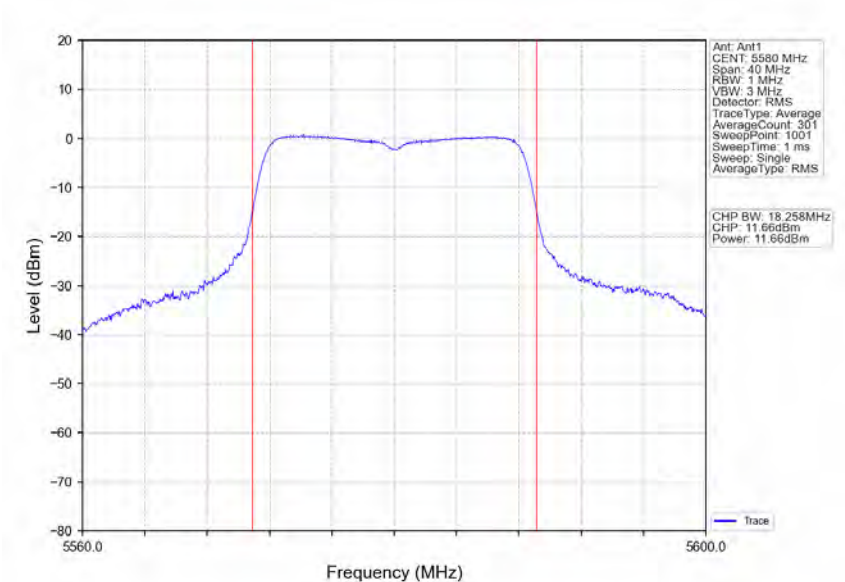
Report No.: KSCR240200024802

Page: 338 of 410

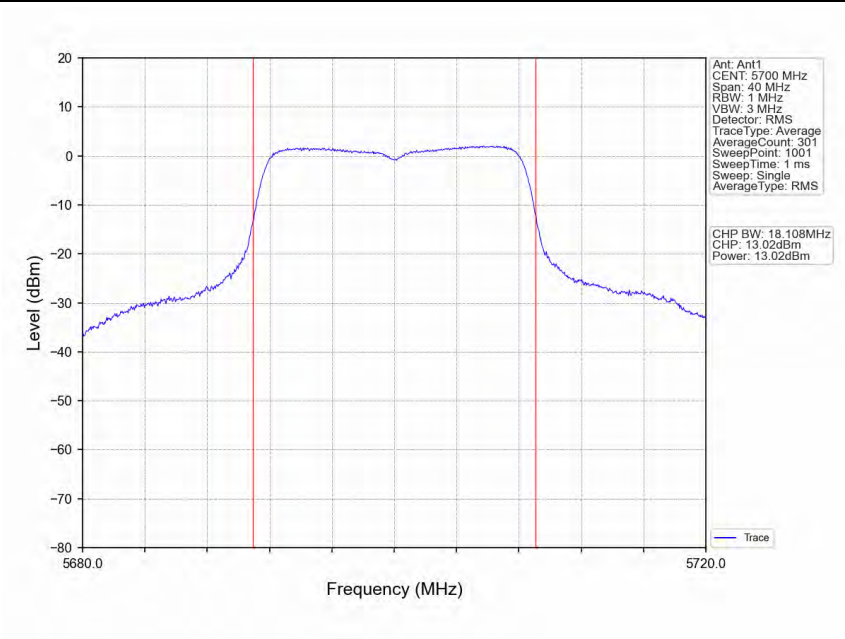
802.11a LCH 5500MHz Ant1 NTV



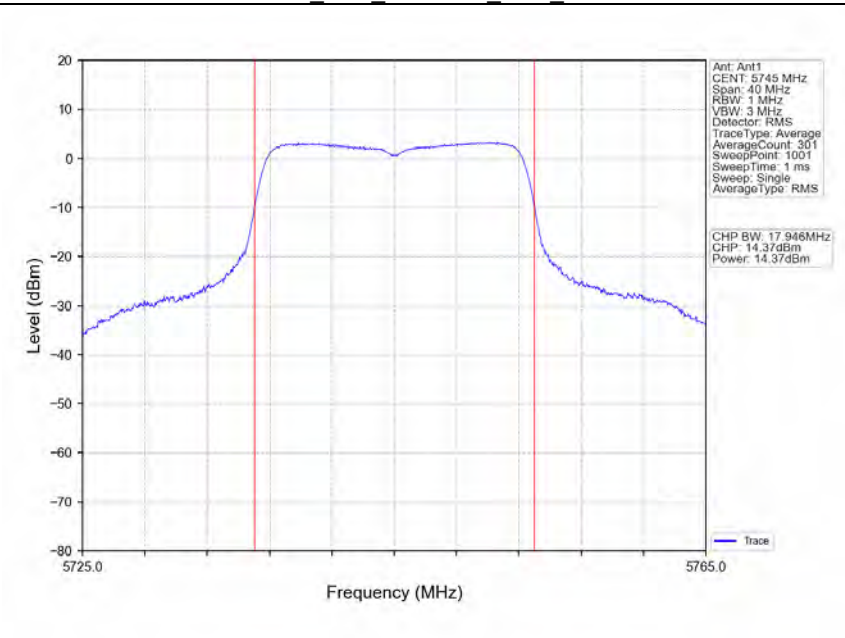
802.11a MCH 5580MHz Ant1 NTV



802.11a HCH 5700MHz Ant1 NTN



802.11a LCH 5745MHz Ant1 NTN



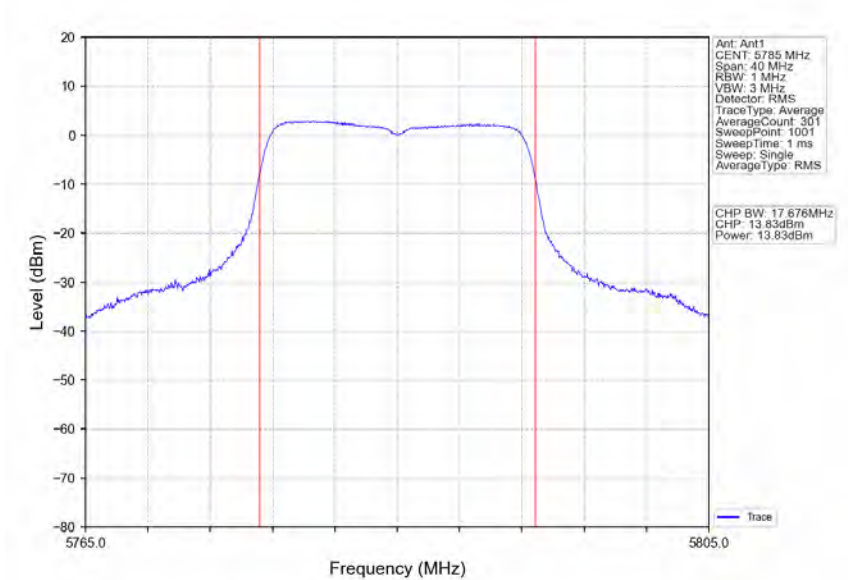
Compliance Certification Services (Kunshan) Inc.

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

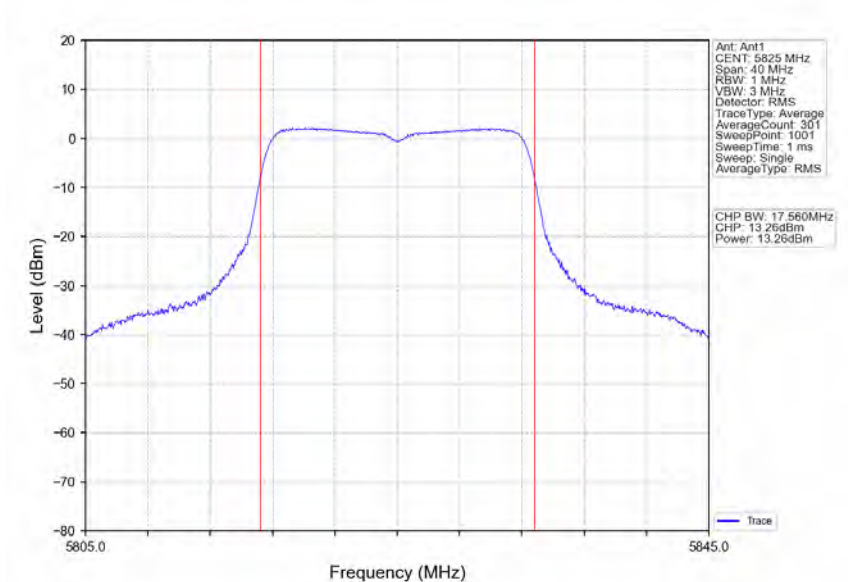
Report No.: KSCR240200024802

Page: 340 of 410

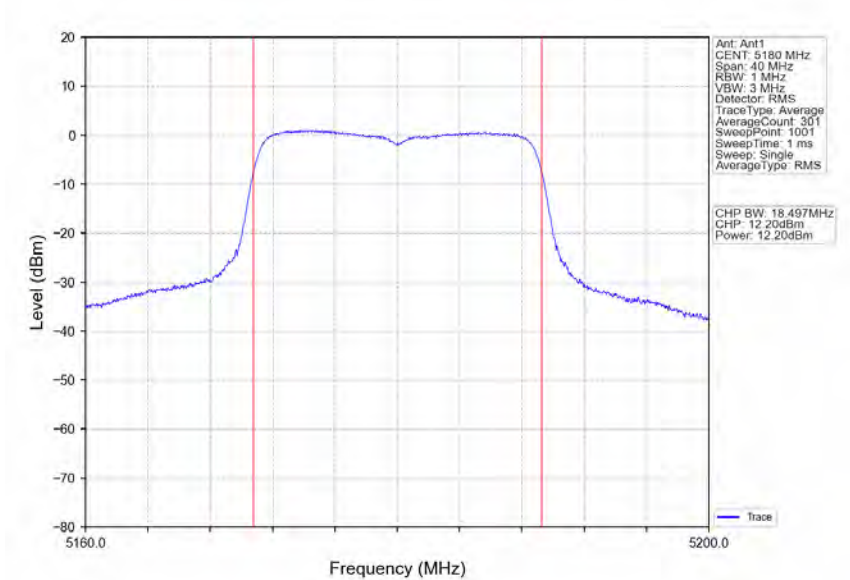
802.11a MCH 5785MHz Ant1 NTNV



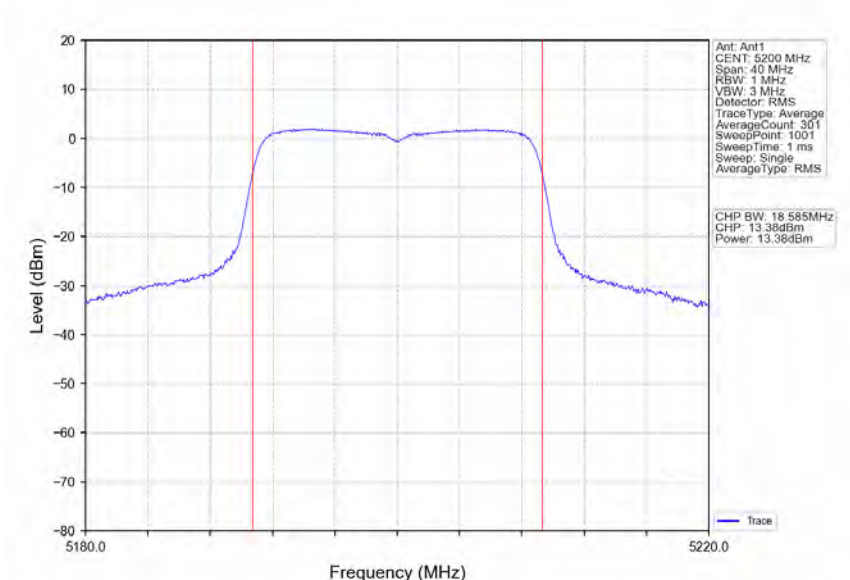
802.11a HCH 5825MHz Ant1 NTNV



802.11n(HT20) LCH 5180MHz Ant1 NTVN



802.11n(HT20) MCH 5200MHz Ant1 NTVN



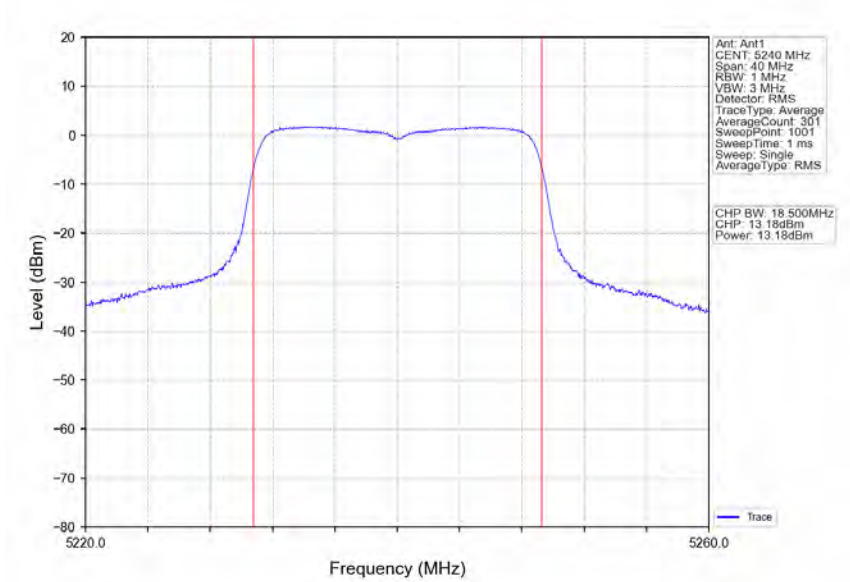
Compliance Certification Services (Kunshan) Inc.

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

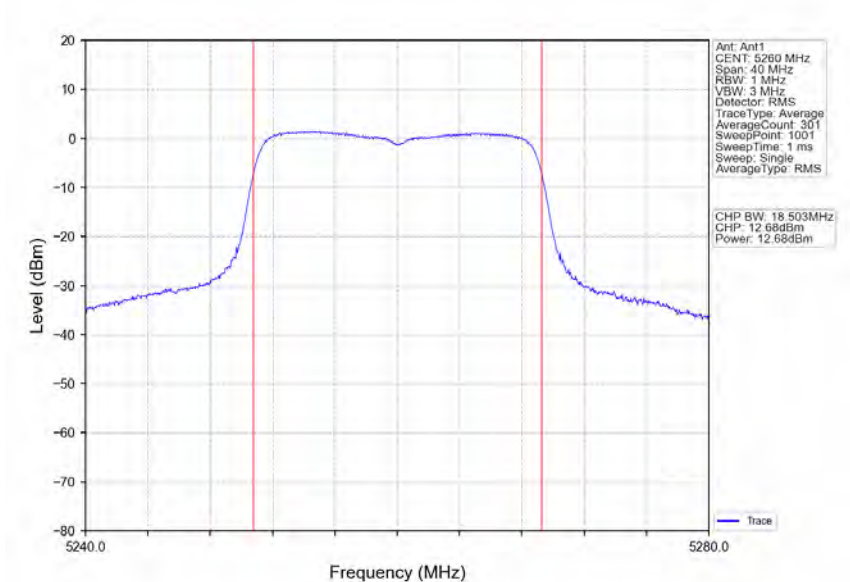
Report No.: KSCR240200024802

Page: 342 of 410

802.11n(HT20) HCH 5240MHz Ant1 NTNV



802.11n(HT20) LCH 5260MHz Ant1 NTNV



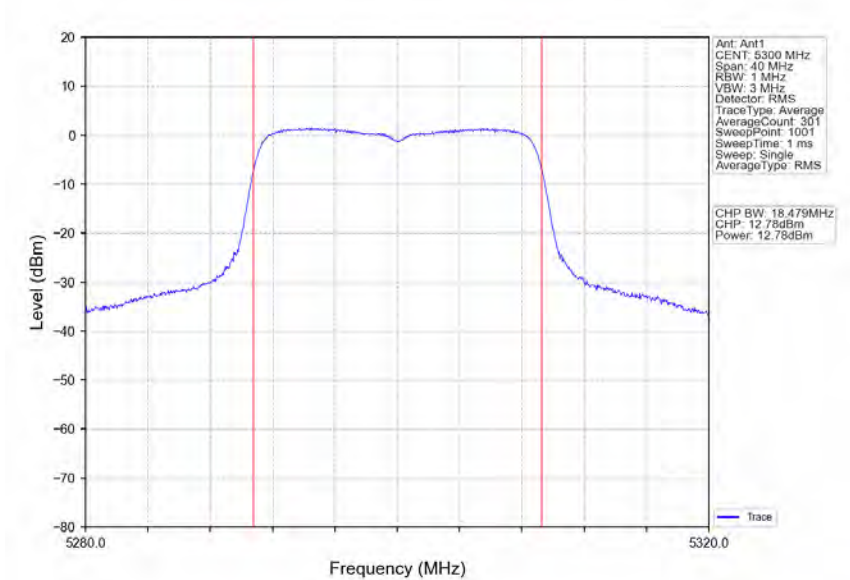
Compliance Certification Services (Kunshan) Inc.

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

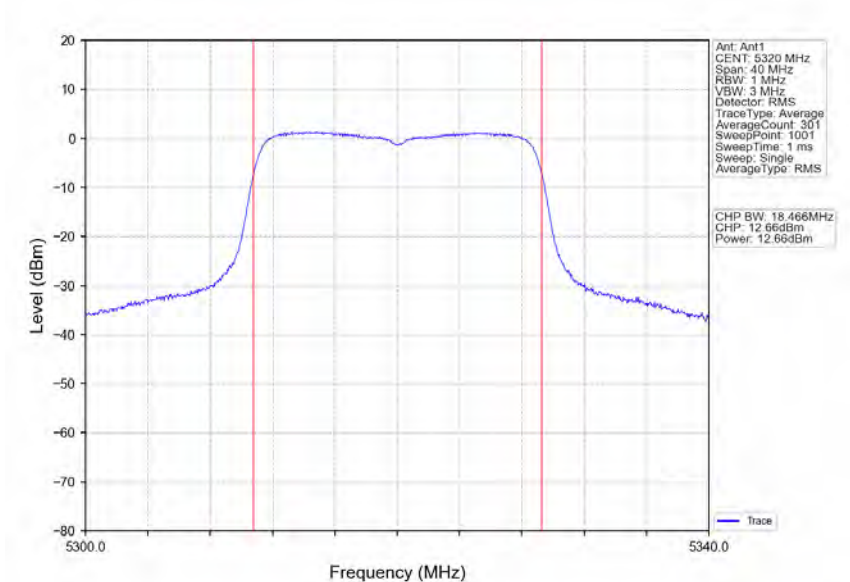
Report No.: KSCR240200024802

Page: 343 of 410

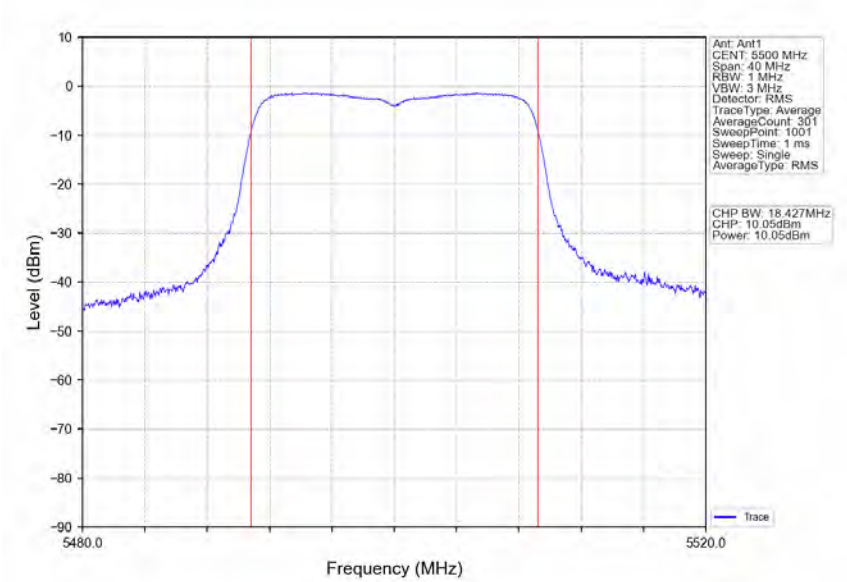
802.11n(HT20) MCH 5300MHz Ant1 NTNV



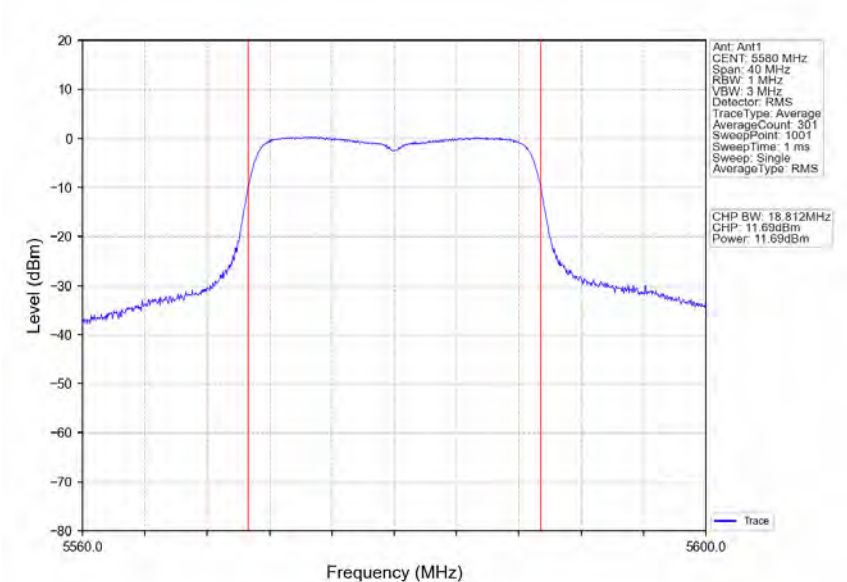
802.11n(HT20) HCH 5320MHz Ant1 NTNV



802.11n(HT20) LCH 5500MHz Ant1 NTVN



802.11n(HT20) MCH 5580MHz Ant1 NTVN



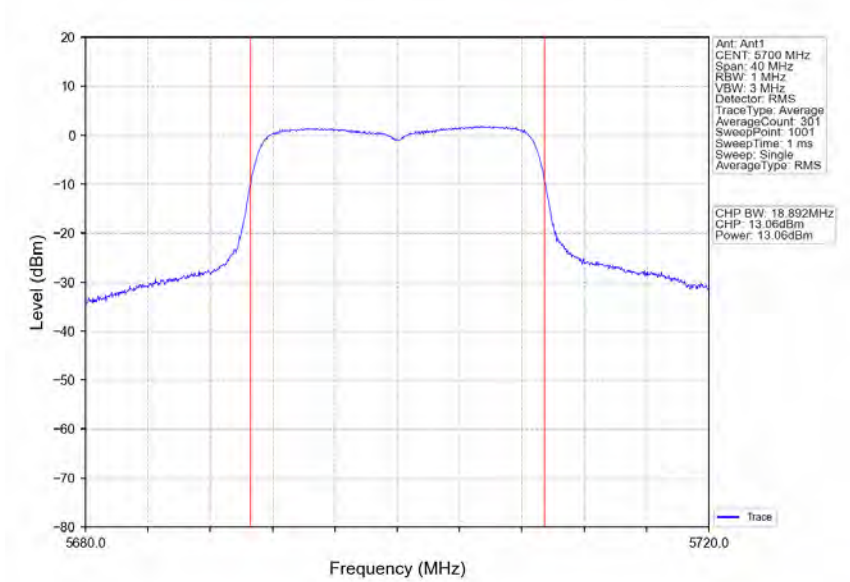
Compliance Certification Services (Kunshan) Inc.

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

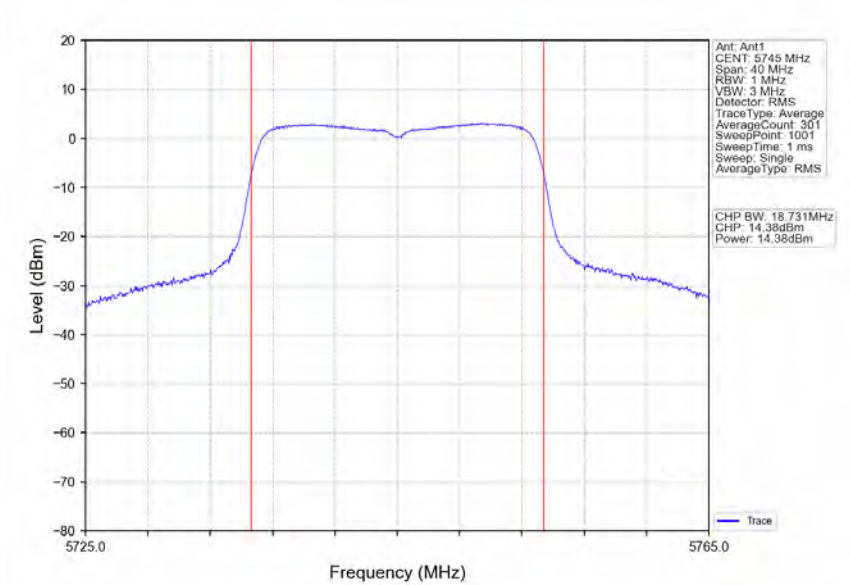
Report No.: KSCR240200024802

Page: 345 of 410

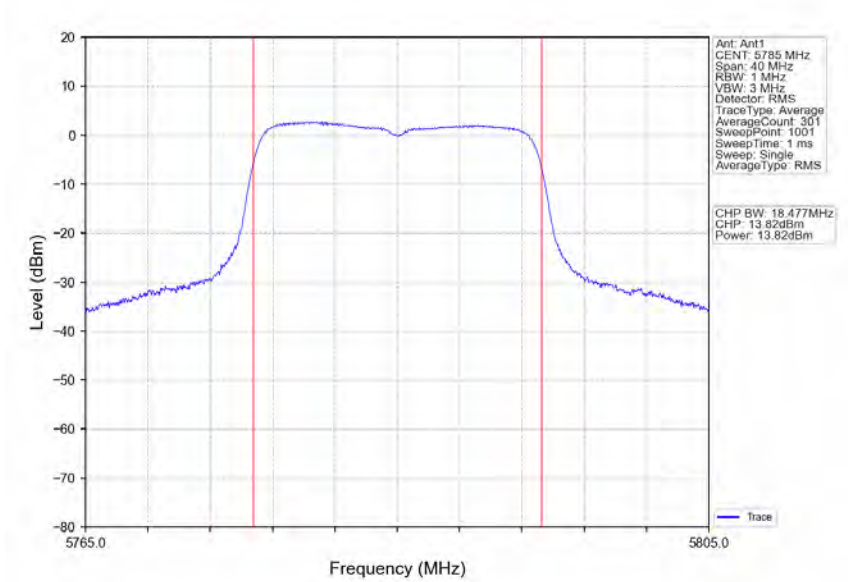
802.11n(HT20) HCH 5700MHz Ant1 NTNV



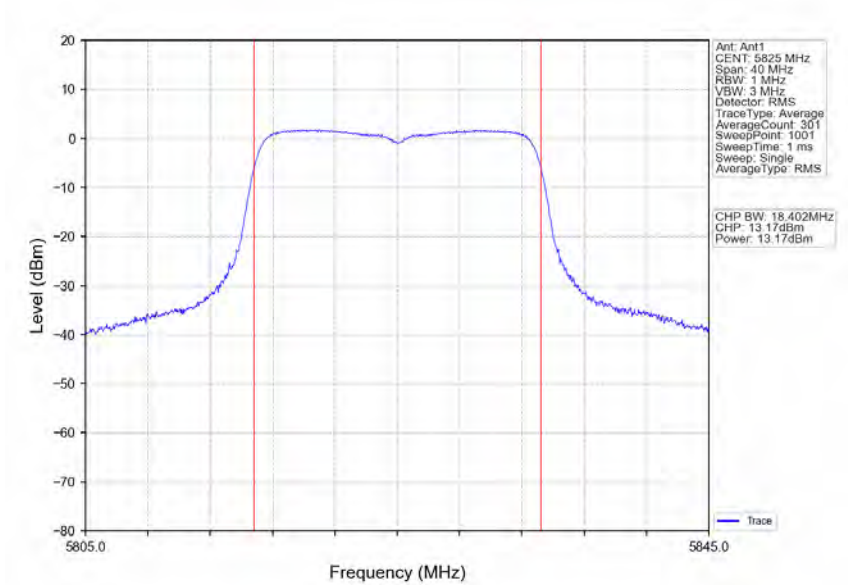
802.11n(HT20) LCH 5745MHz Ant1 NTNV



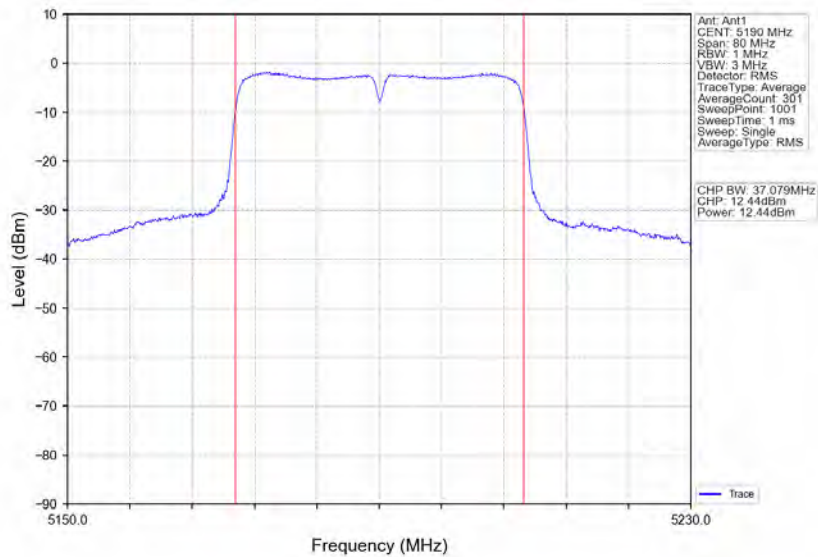
802.11n(HT20) MCH 5785MHz Ant1 NTNV



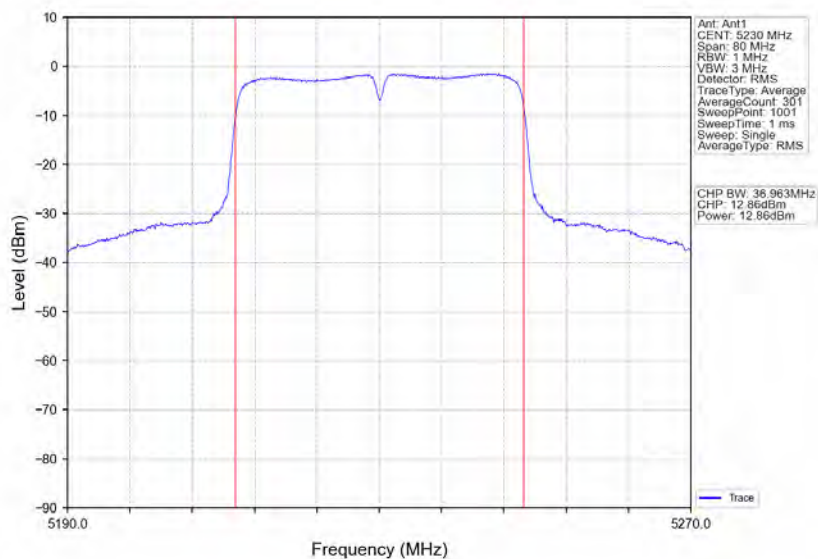
802.11n(HT20) HCH 5825MHz Ant1 NTNV



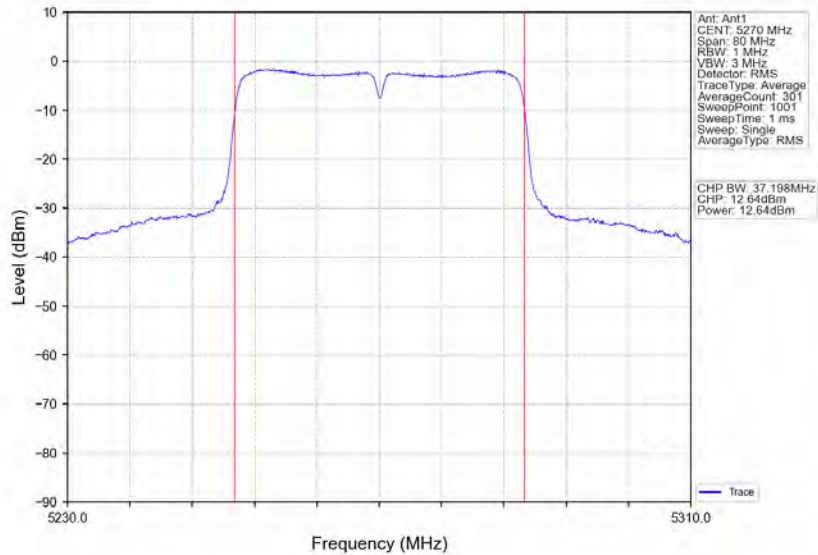
802.11n(HT40) LCH 5190MHz Ant1 NTV



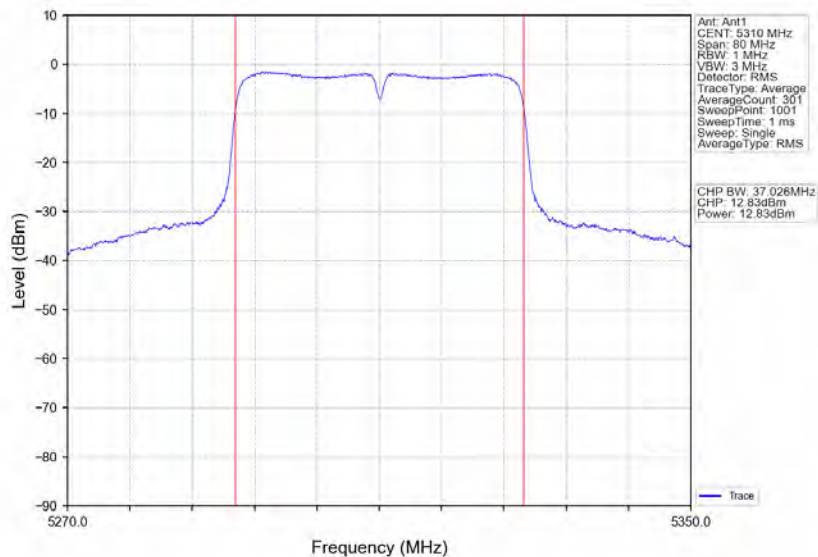
802.11n(HT40) HCH 5230MHz Ant1 NTV



802.11n(HT40) LCH 5270MHz Ant1 NTV



802.11n(HT40) HCH 5310MHz Ant1 NTV



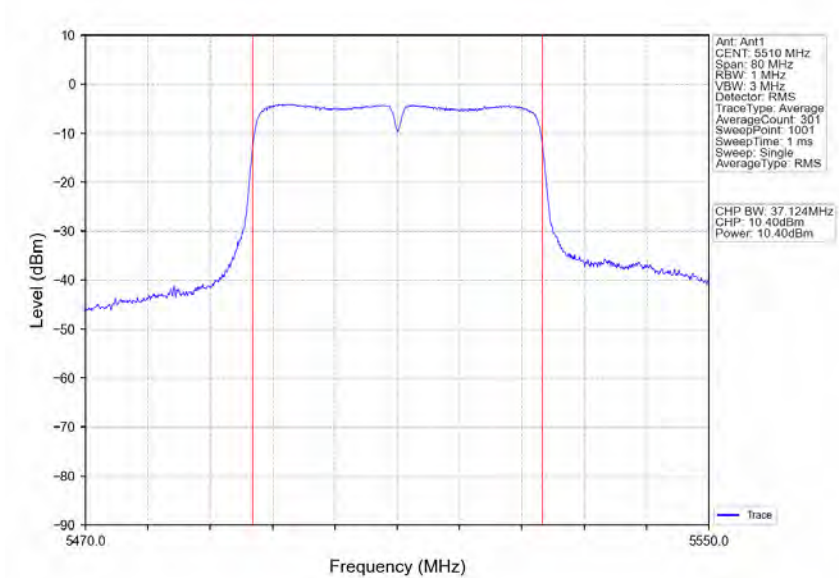
Compliance Certification Services (Kunshan) Inc.

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

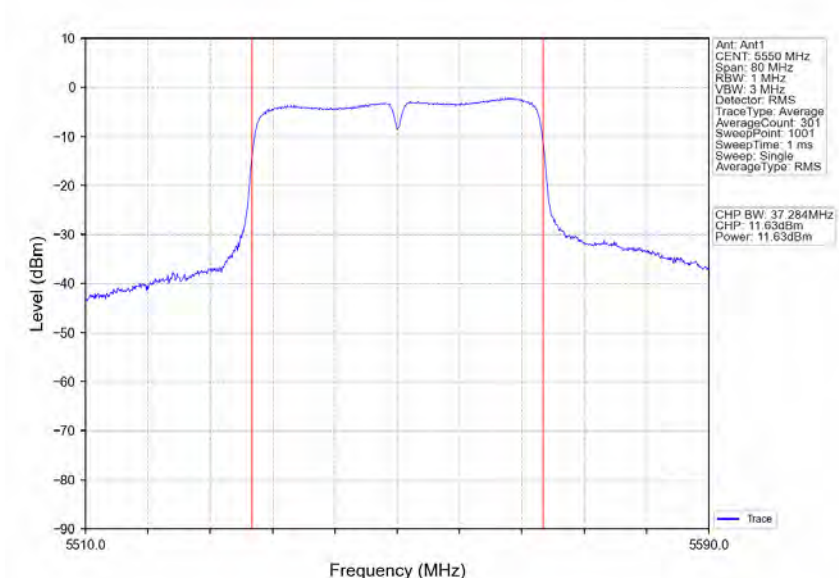
Report No.: KSCR240200024802

Page: 349 of 410

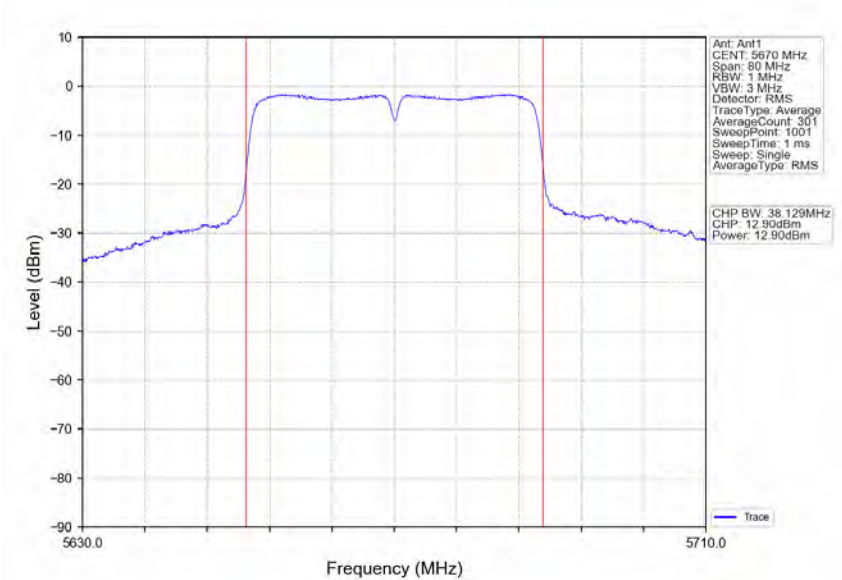
802.11n(HT40) LCH 5510MHz Ant1 NTVN



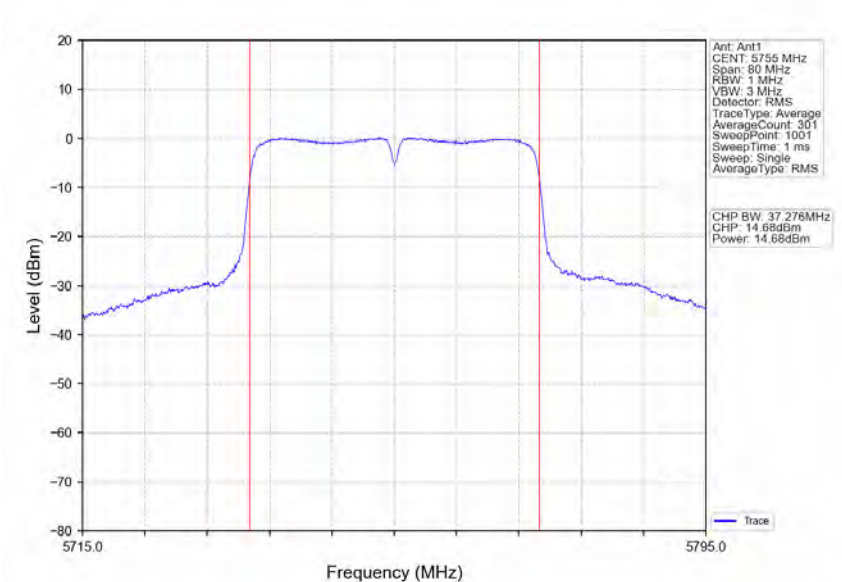
802.11n(HT40) MCH 5550MHz Ant1 NTVN



802.11n(HT40) HCH 5670MHz Ant1 NTNV



802.11n(HT40) LCH 5755MHz Ant1 NTNV



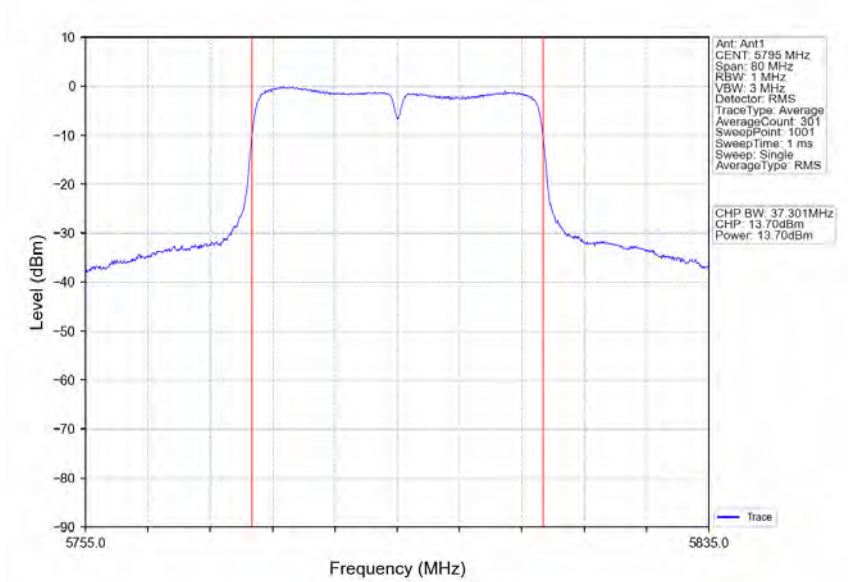
Compliance Certification Services (Kunshan) Inc.

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

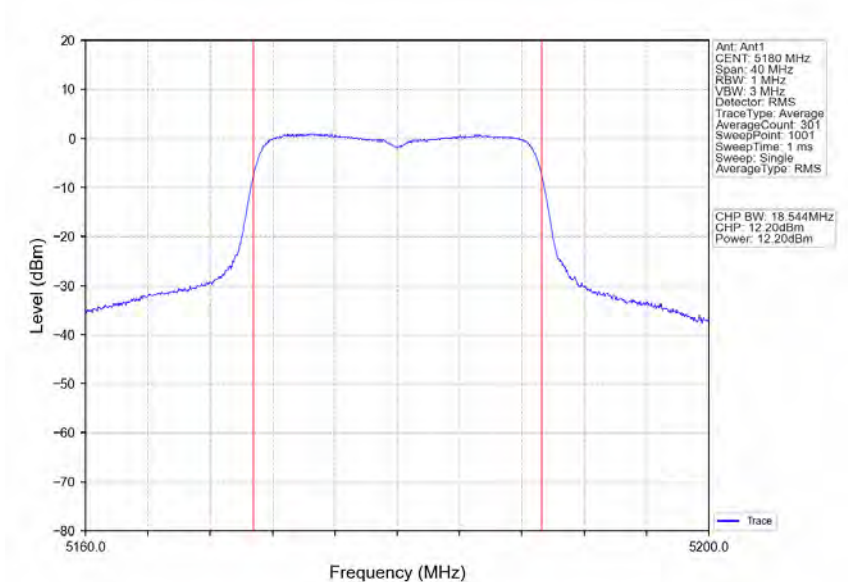
Report No.: KSCR240200024802

Page: 351 of 410

802.11n(HT40) HCH 5795MHz Ant1 NTVN



802.11ac(VHT20) LCH 5180MHz Ant1 NTVN



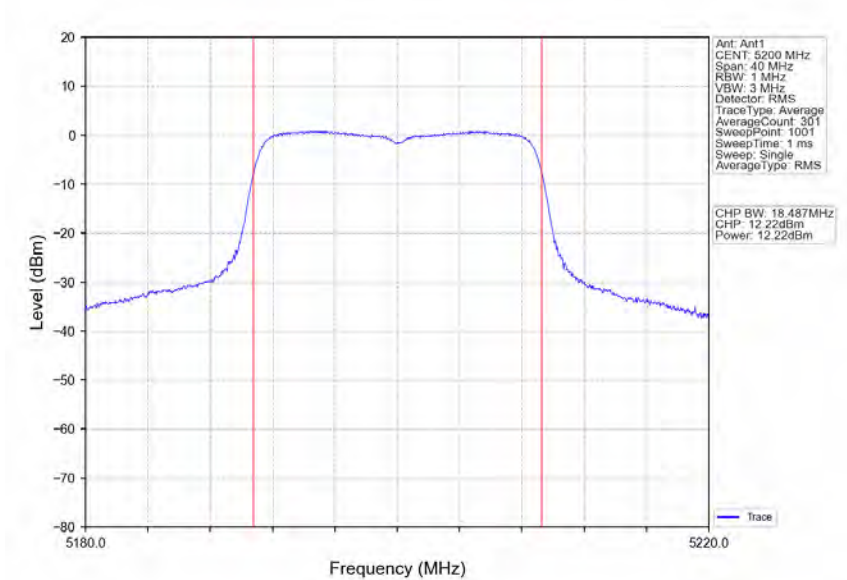
Compliance Certification Services (Kunshan) Inc.

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

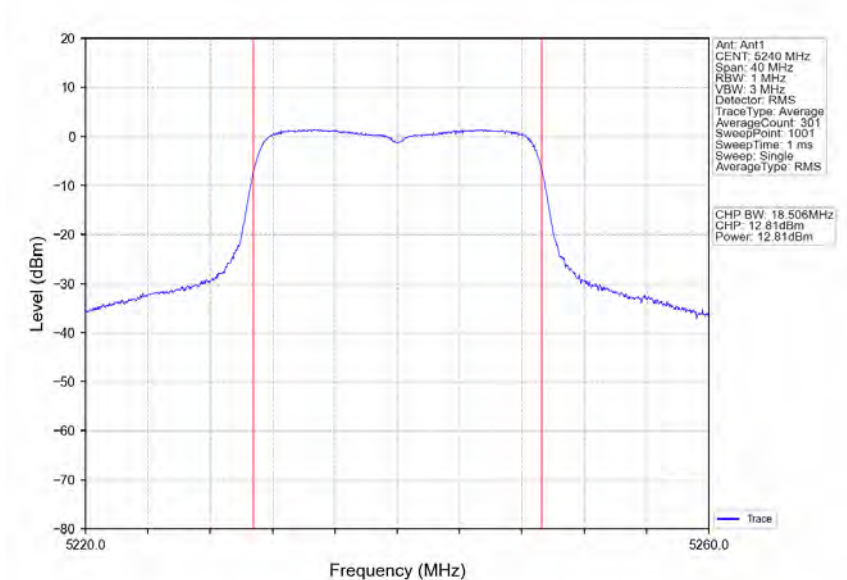
Report No.: KSCR240200024802

Page: 352 of 410

802.11ac(VHT20) MCH 5200MHz Ant1 NTN



802.11ac(VHT20) HCH 5240MHz Ant1 NTN



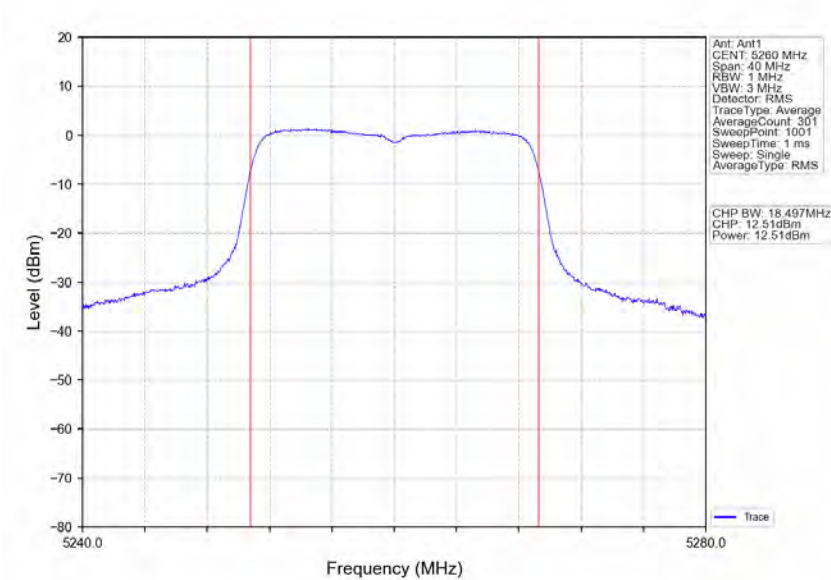
Compliance Certification Services (Kunshan) Inc.

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

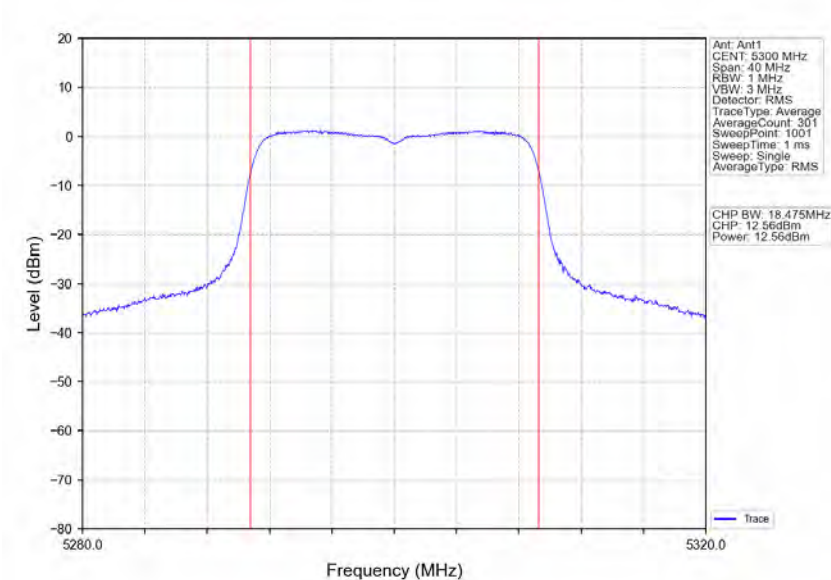
Report No.: KSCR240200024802

Page: 353 of 410

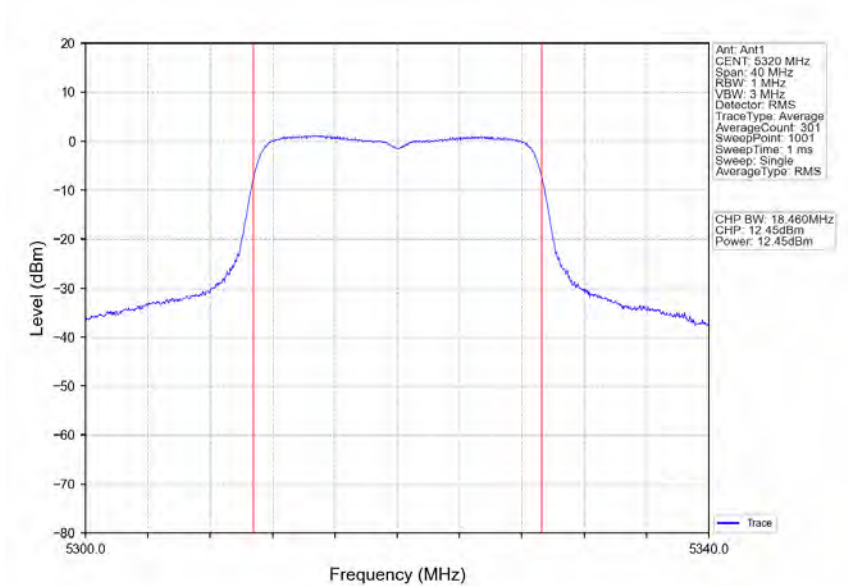
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



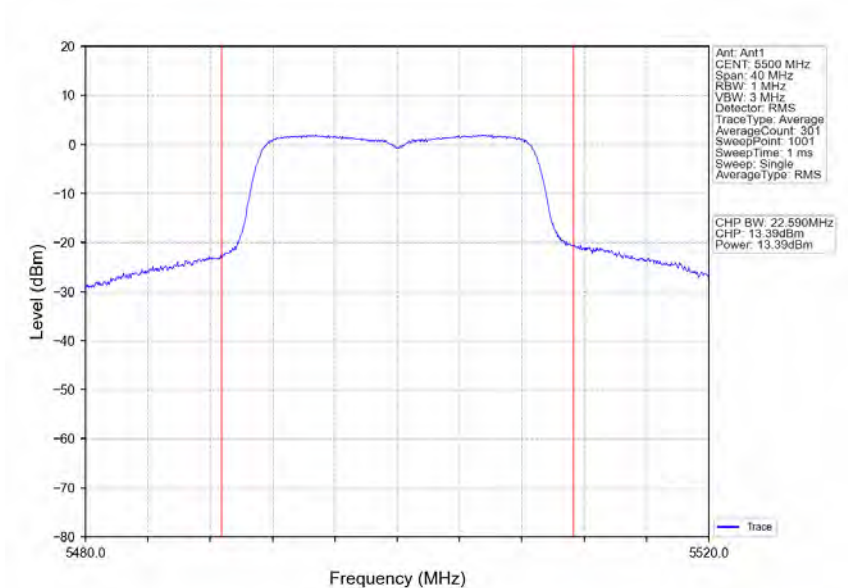
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



802.11ac(VHT20) HCH 5320MHz Ant1 NTNV



802.11ac(VHT20) LCH 5500MHz Ant1 NTNV



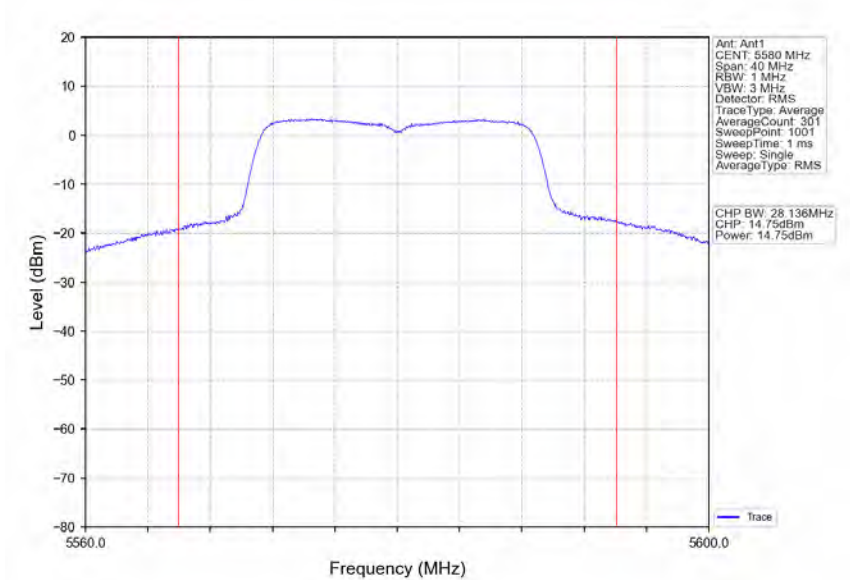
Compliance Certification Services (Kunshan) Inc.

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

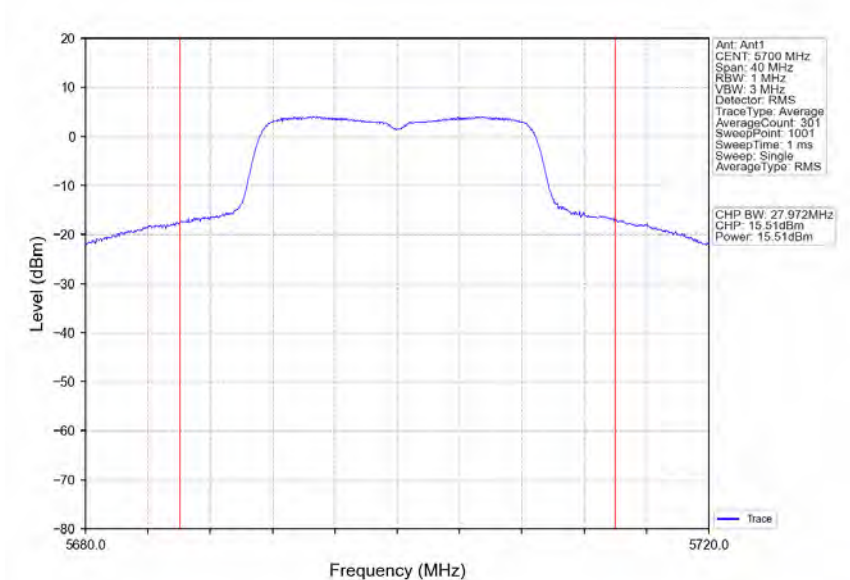
Report No.: KSCR240200024802

Page: 355 of 410

802.11ac(VHT20) MCH 5580MHz Ant1 NTN



802.11ac(VHT20) HCH 5700MHz Ant1 NTN



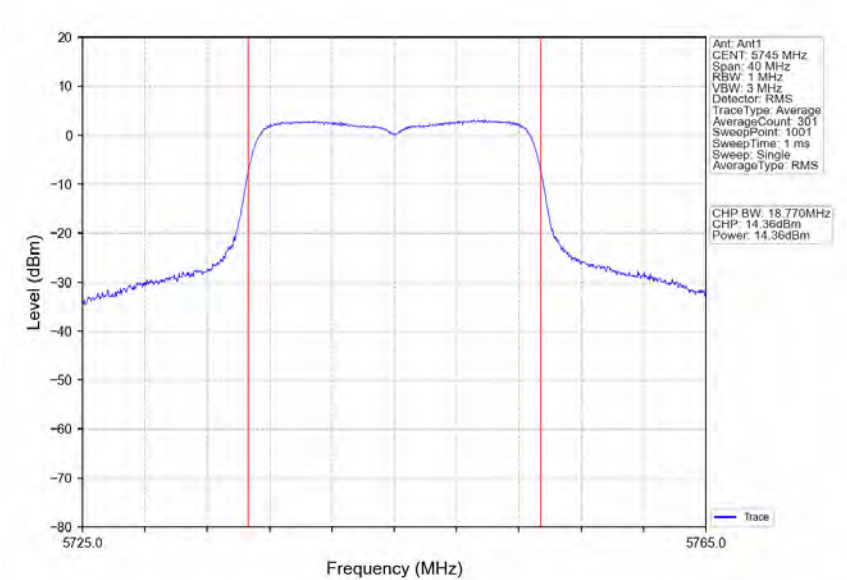
Compliance Certification Services (Kunshan) Inc.

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

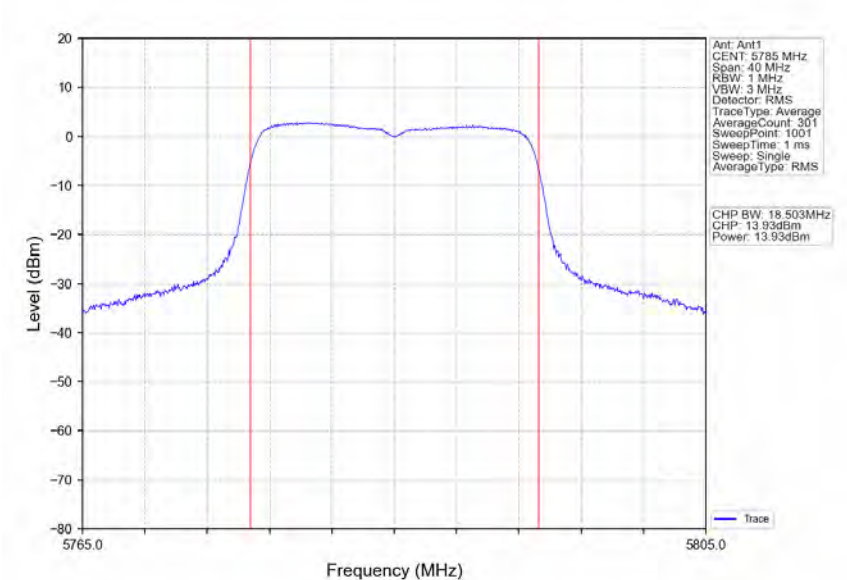
Report No.: KSCR240200024802

Page: 356 of 410

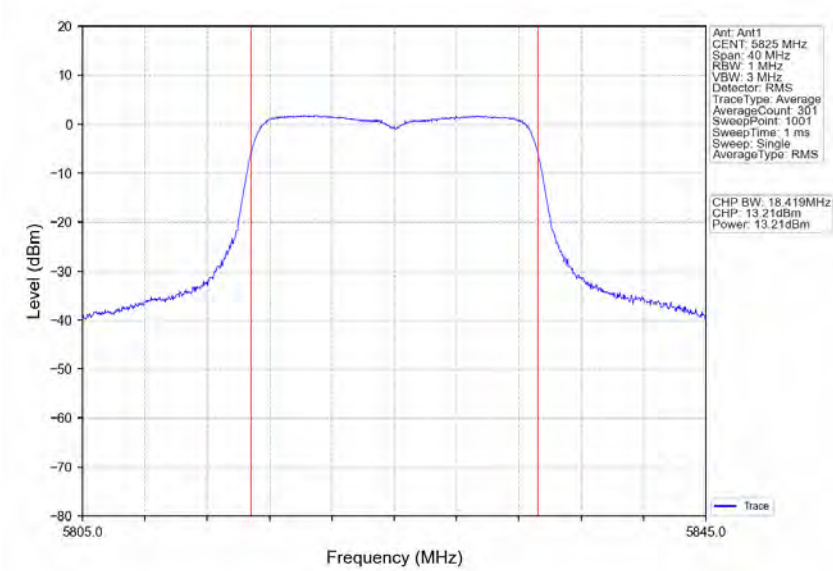
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



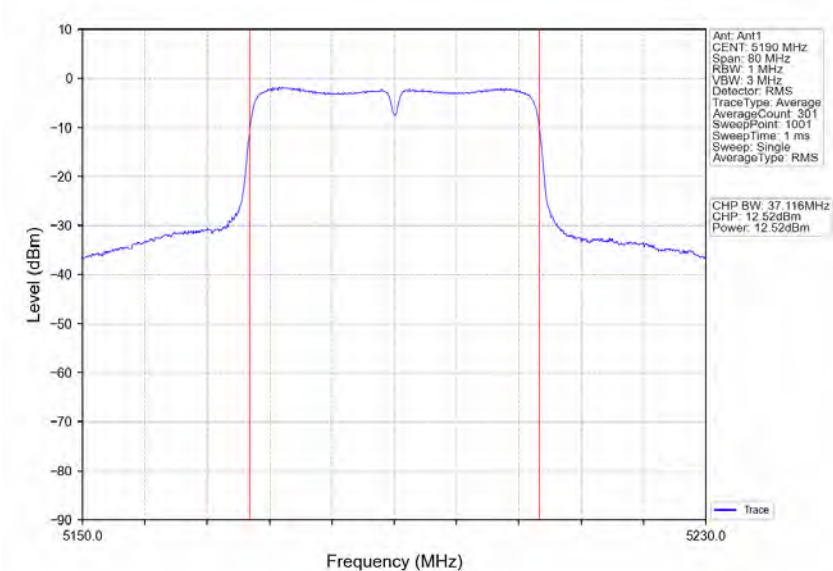
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



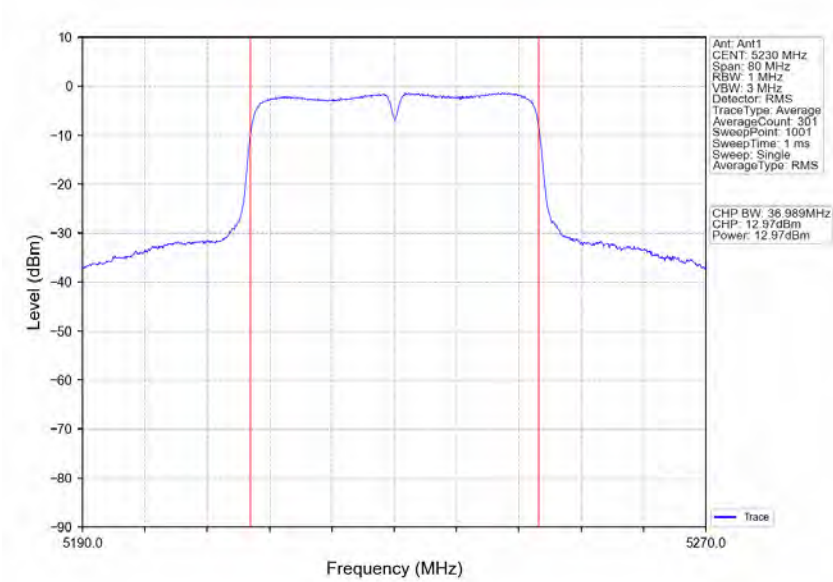
802.11ac(VHT20) HCH 5825MHz Ant1 NTNV



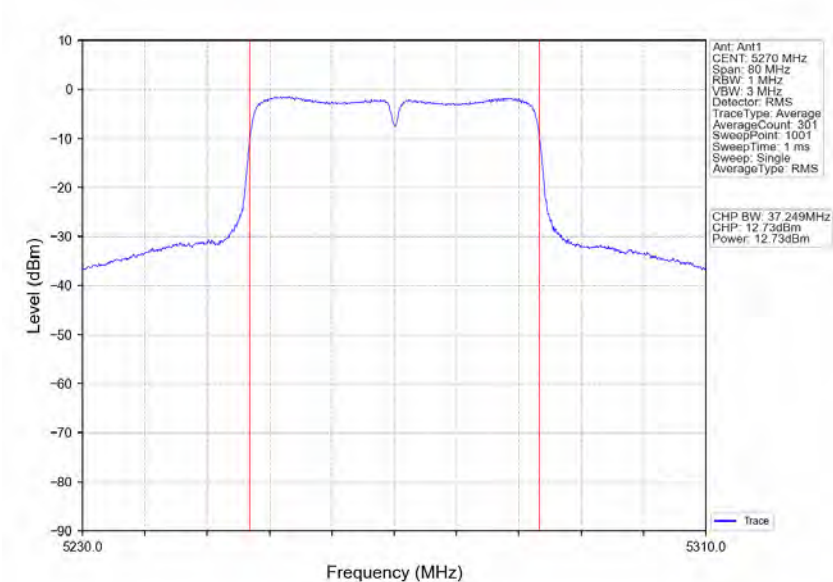
802.11ac(VHT40) LCH 5190MHz Ant1 NTNV



802.11ac(VHT40) HCH 5230MHz Ant1 NTN



802.11ac(VHT40) LCH 5270MHz Ant1 NTN



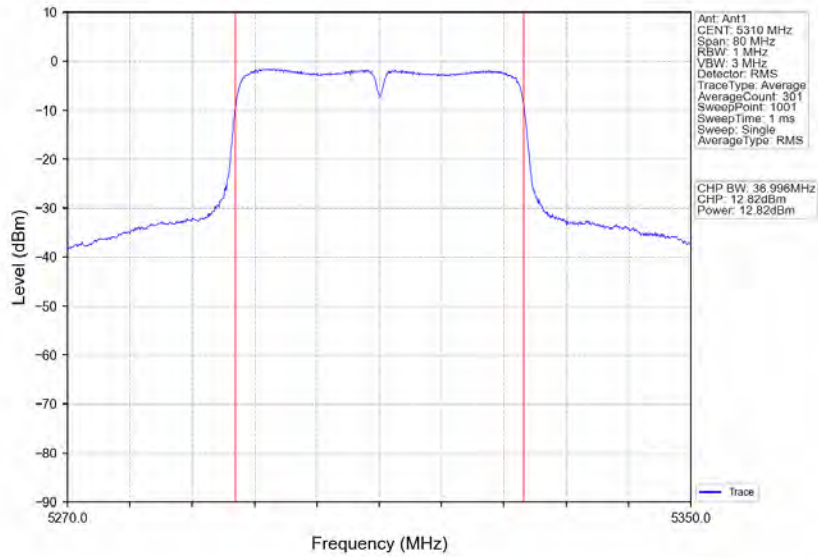
Compliance Certification Services (Kunshan) Inc.

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

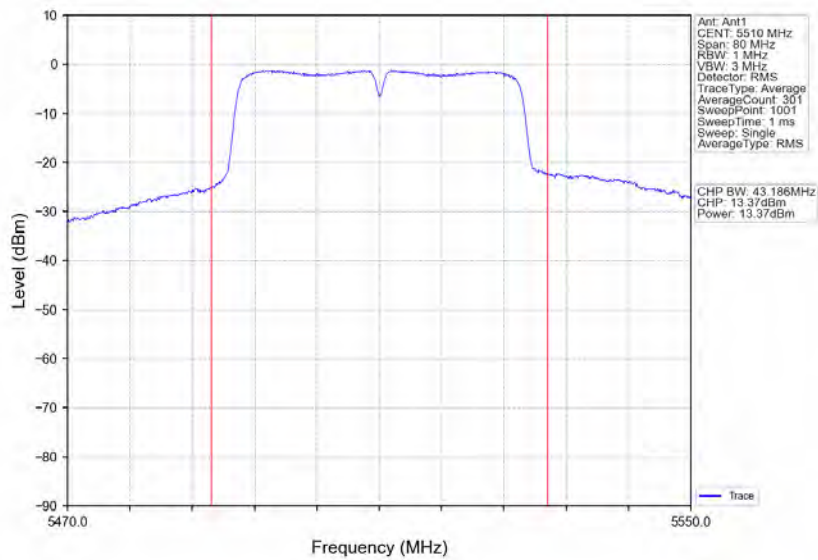
Report No.: KSCR240200024802

Page: 359 of 410

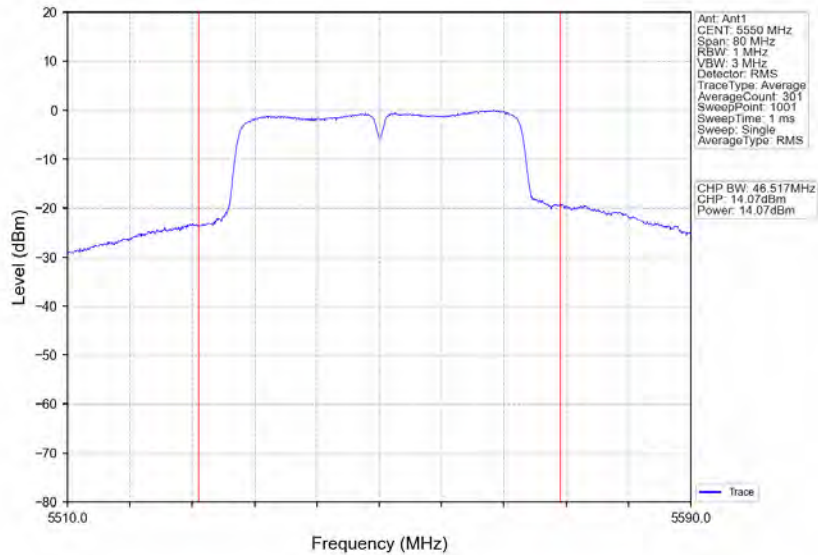
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



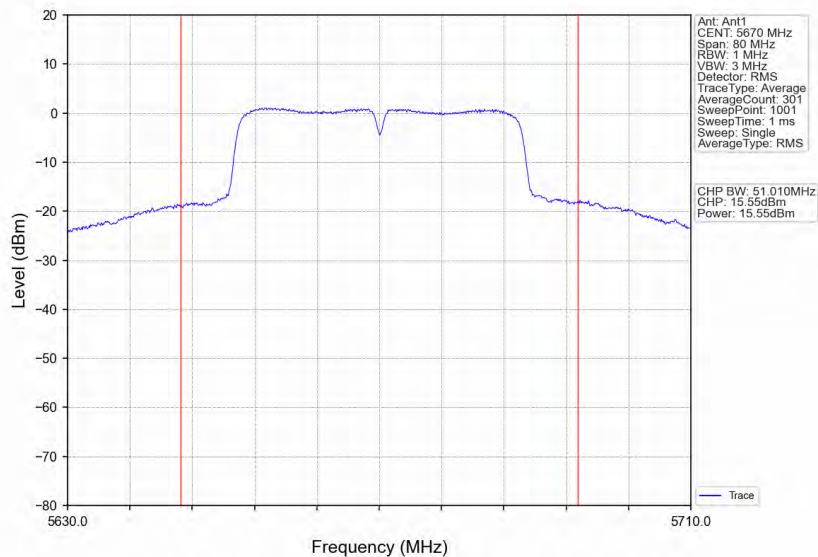
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



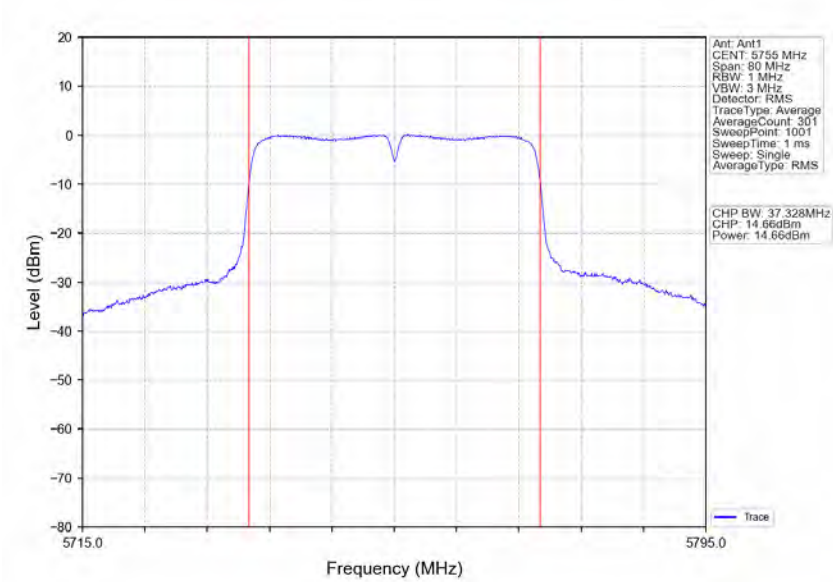
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



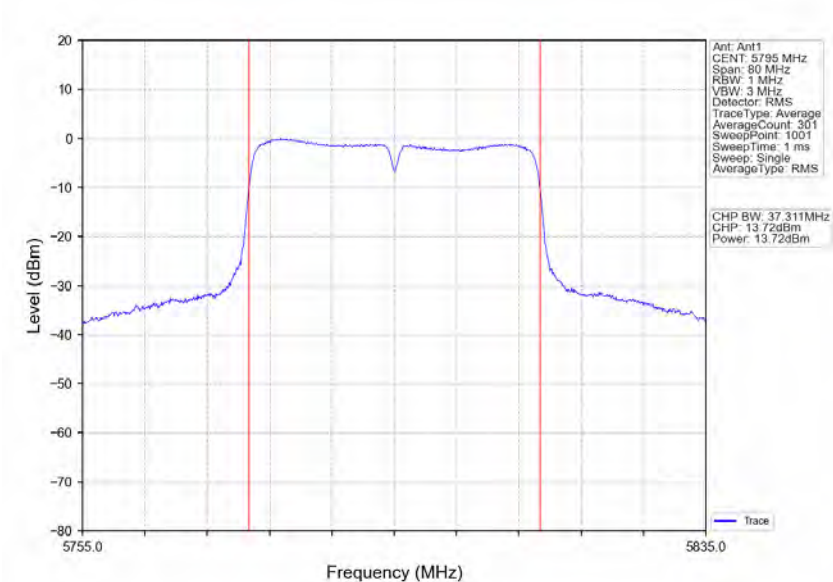
802.11ac(VHT40) HCH 5670MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant1 NTN



802.11ac(VHT40) HCH 5795MHz Ant1 NTN



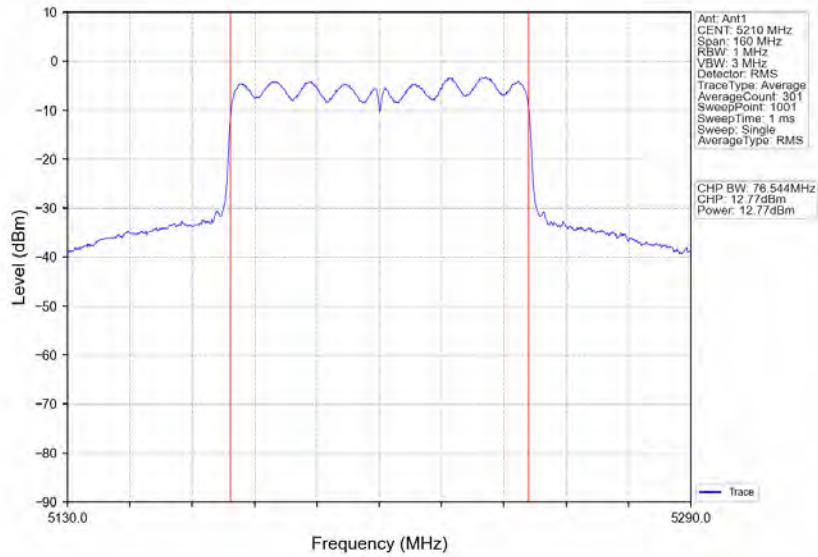
Compliance Certification Services (Kunshan) Inc.

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

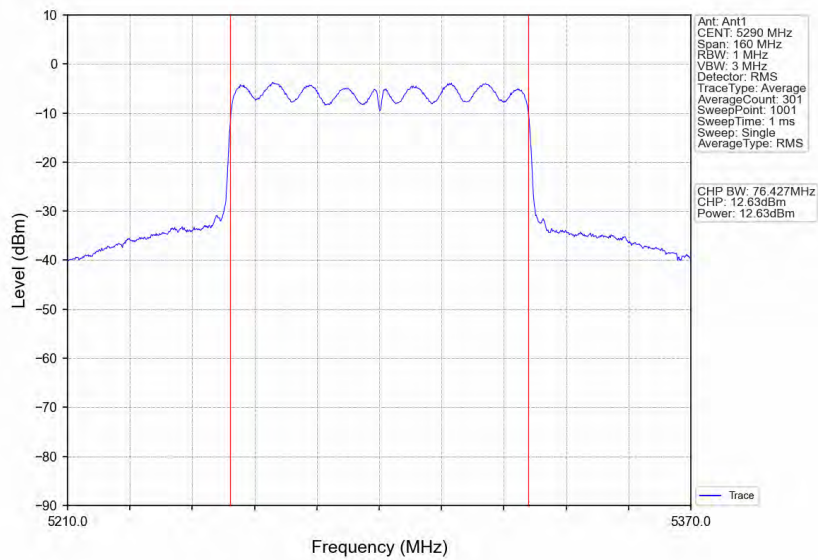
Report No.: KSCR240200024802

Page: 362 of 410

802.11ac(VHT80) MCH 5210MHz Ant1 NTN



802.11ac(VHT80) MCH 5290MHz Ant1 NTN



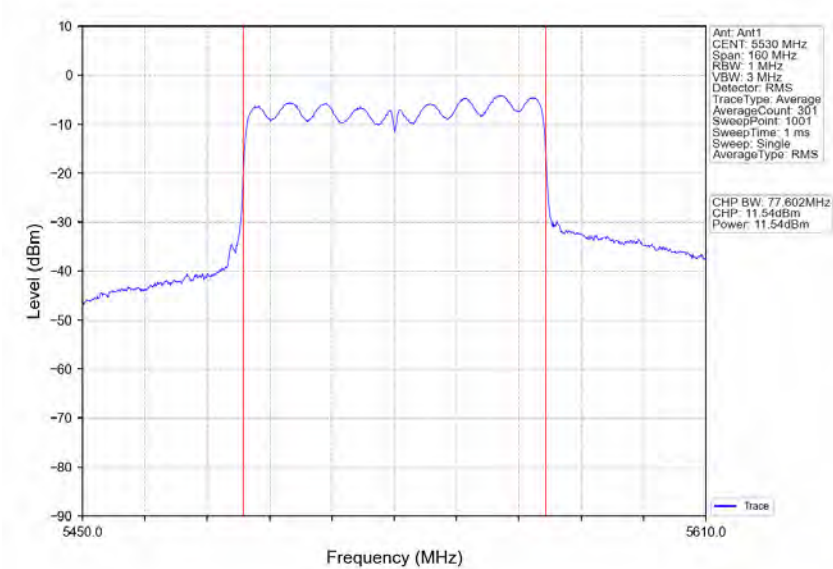
Compliance Certification Services (Kunshan) Inc.

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

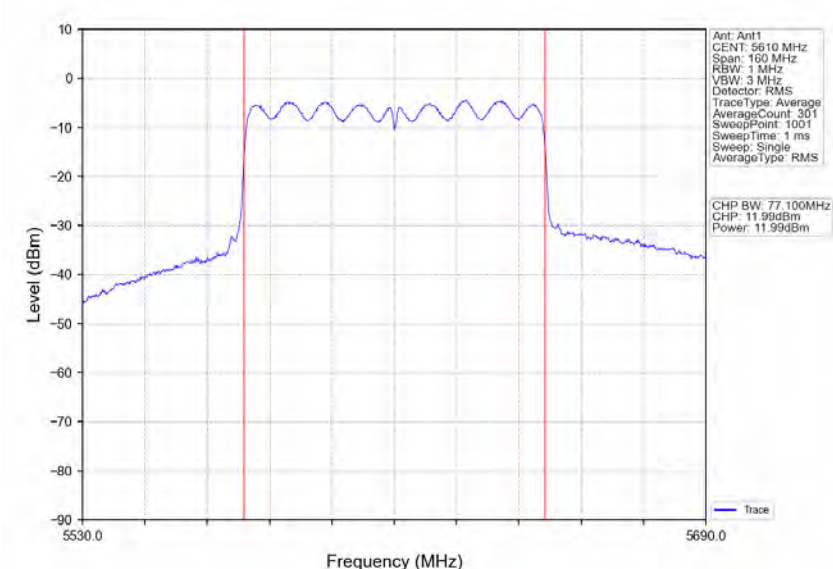
Report No.: KSCR240200024802

Page: 363 of 410

802.11ac(VHT80) LCH 5530MHz Ant1 NTN



802.11ac(VHT80) HCH 5610MHz Ant1 NTN





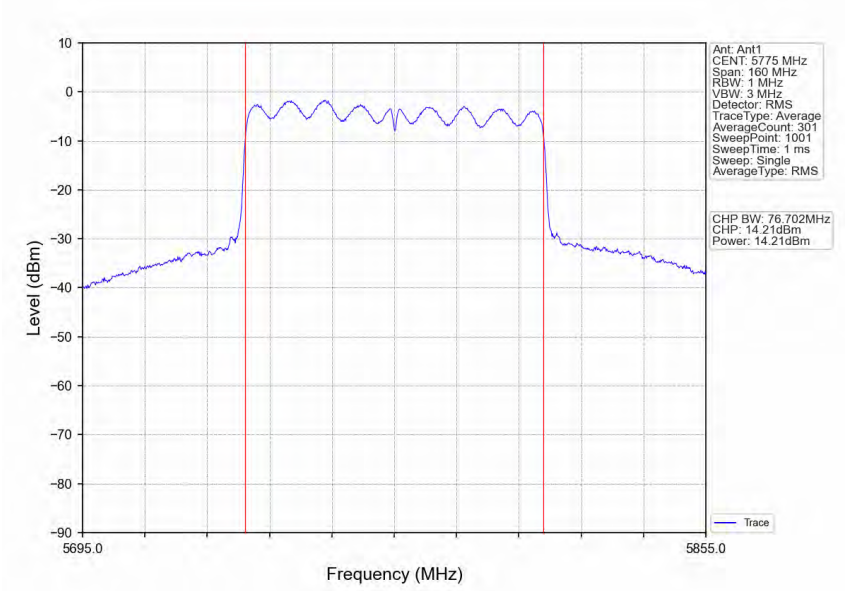
Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 364 of 410

802.11ac(VHT80) MCH 5775MHz Ant1 NTNV



4. Maximum Power Spectral Density

4.1 PSD

4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	2.17	<=11	Pass
		5200	1.04	<=11	Pass
		5240	1.54	<=11	Pass
		5260	1.33	<=11	Pass
		5300	1.31	<=11	Pass
		5320	1.16	<=11	Pass
		5500	1.06	<=11	Pass
		5580	0.70	<=11	Pass
		5700	2.11	<=11	Pass
802.11n (HT20)	SISO	5180	1.05	<=11	Pass
		5200	2.00	<=11	Pass
		5240	1.77	<=11	Pass
		5260	1.52	<=11	Pass
		5300	1.46	<=11	Pass
		5320	1.43	<=11	Pass
		5500	-1.18	<=11	Pass
		5580	3.55	<=11	Pass
		5700	3.81	<=11	Pass
802.11n (HT40)	SISO	5190	-1.80	<=11	Pass
		5230	-1.29	<=11	Pass
		5270	-1.59	<=11	Pass
		5310	-1.48	<=11	Pass
		5510	-0.98	<=11	Pass
		5550	0.13	<=11	Pass
		5670	0.95	<=11	Pass
802.11ac (VHT20)	SISO	5180	1.04	<=11	Pass
		5200	0.91	<=11	Pass
		5240	1.54	<=11	Pass
		5260	1.30	<=11	Pass
		5300	1.26	<=11	Pass
		5320	1.18	<=11	Pass
		5500	2.01	<=11	Pass
		5580	3.43	<=11	Pass
802.11ac (VHT40)	SISO	5700	4.07	<=11	Pass
		5190	-1.75	<=11	Pass
		5230	-1.34	<=11	Pass
		5270	-1.43	<=11	Pass
		5310	-1.57	<=11	Pass
		5510	-1.19	<=11	Pass
		5550	0.11	<=11	Pass
		5670	1.01	<=11	Pass



Compliance Certification Services (Kunshan) Inc.

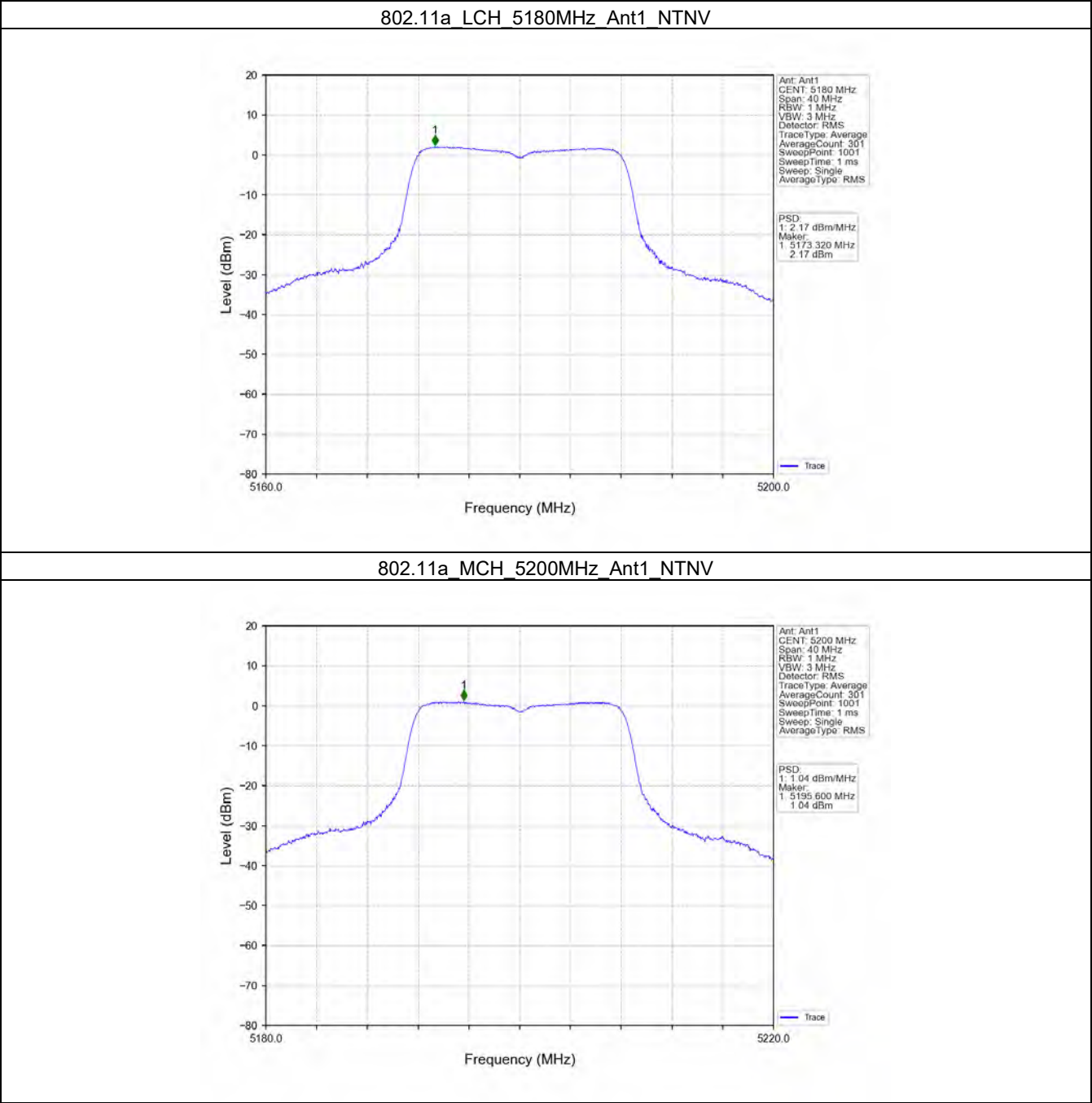
CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240200024802

Page: 366 of 410

802.11ac (VHT80)	SISO	5210	-3.26	<=11	Pass
		5290	-3.83	<=11	Pass
		5530	-2.88	<=11	Pass
		5610	-1.81	<=11	Pass
Note1: Antenna Gain: U-NII-1: -1.03dBi; U-NII-2A: -1.05dBi, U-NII-2C: 0.92dBi, U-NII-3: 0.92dBi					

4.1.2 Test Graph



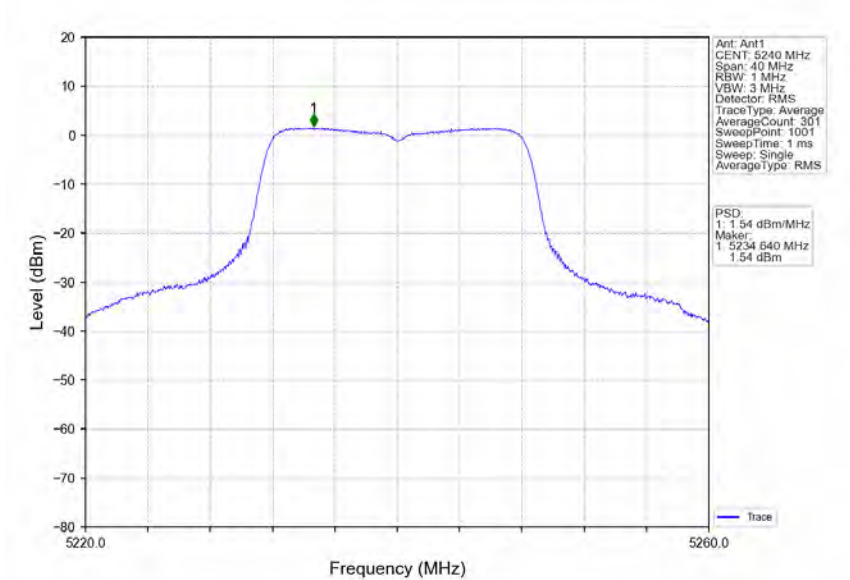
Compliance Certification Services (Kunshan) Inc.

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

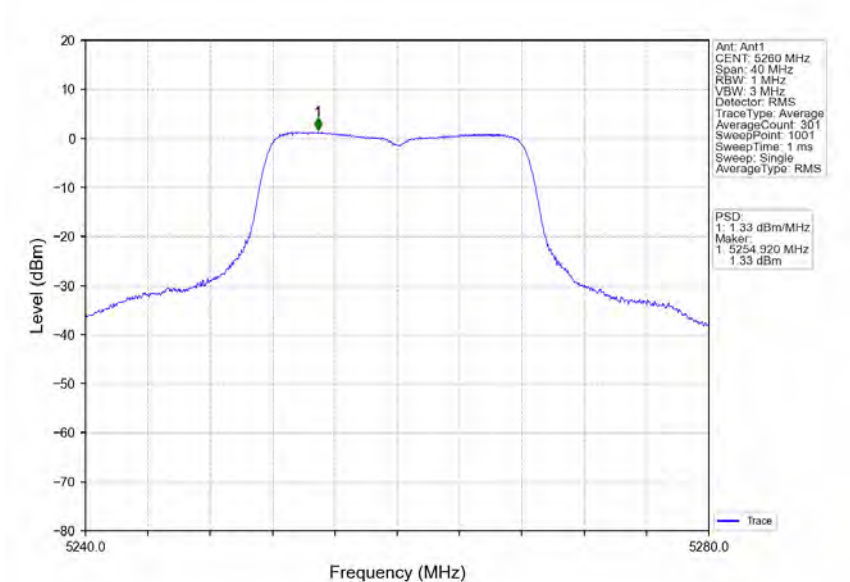
Report No.: KSCR240200024802

Page: 368 of 410

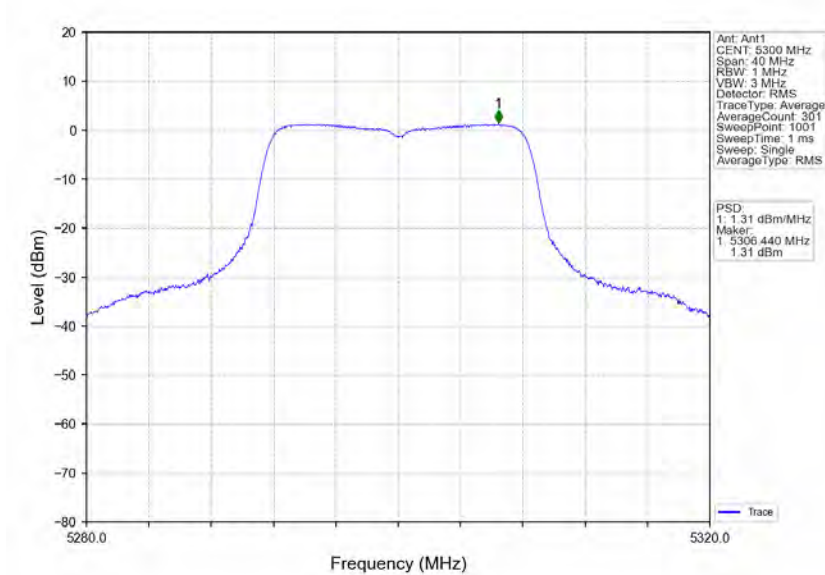
802.11a HCH 5240MHz Ant1 NTN



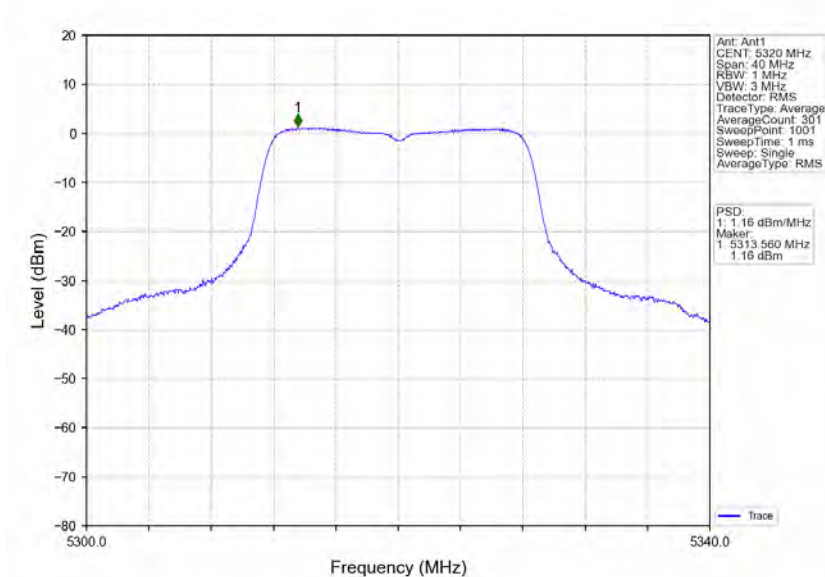
802.11a LCH 5260MHz Ant1 NTN



802.11a MCH 5300MHz Ant1 NTNV



802.11a HCH 5320MHz Ant1 NTNV



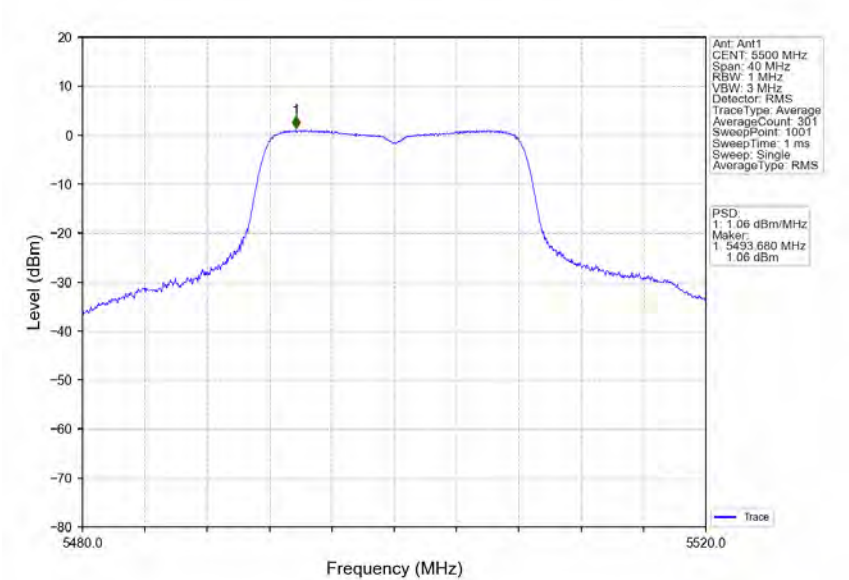
Compliance Certification Services (Kunshan) Inc.

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

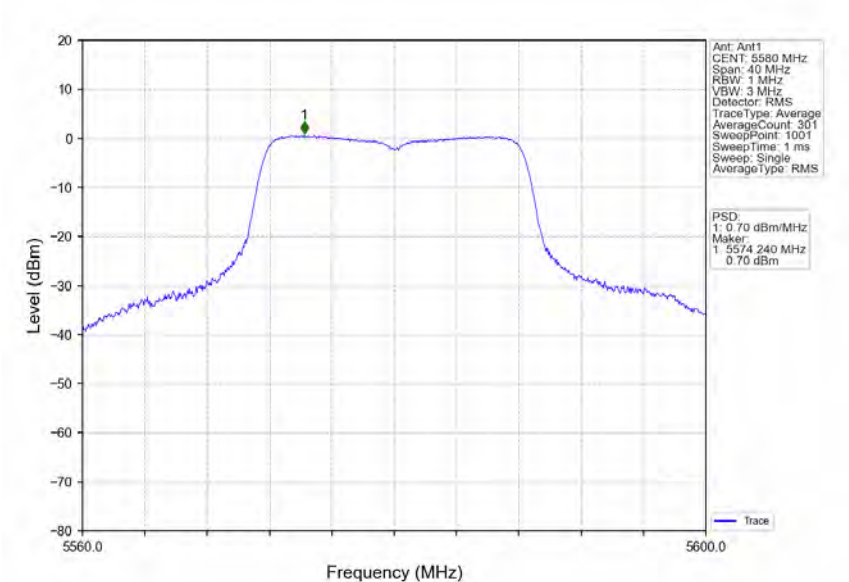
Report No.: KSCR240200024802

Page: 370 of 410

802.11a LCH 5500MHz Ant1 NTNV



802.11a MCH 5580MHz Ant1 NTNV



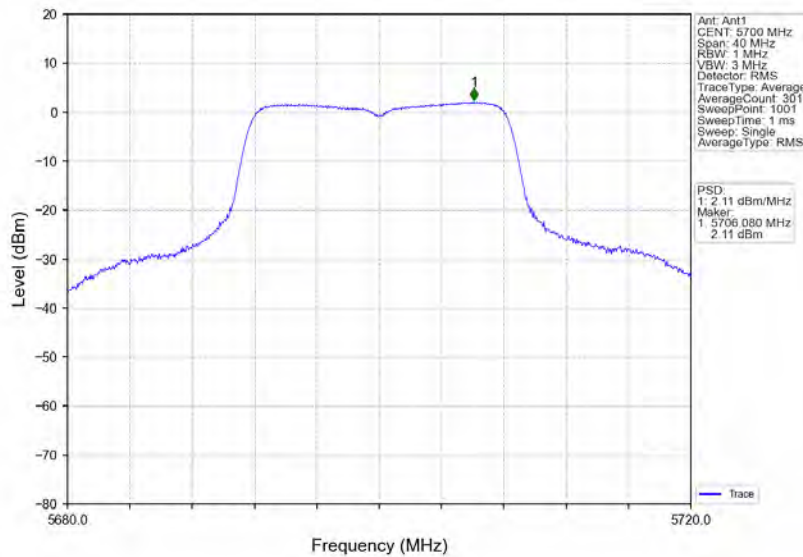
Compliance Certification Services (Kunshan) Inc.

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

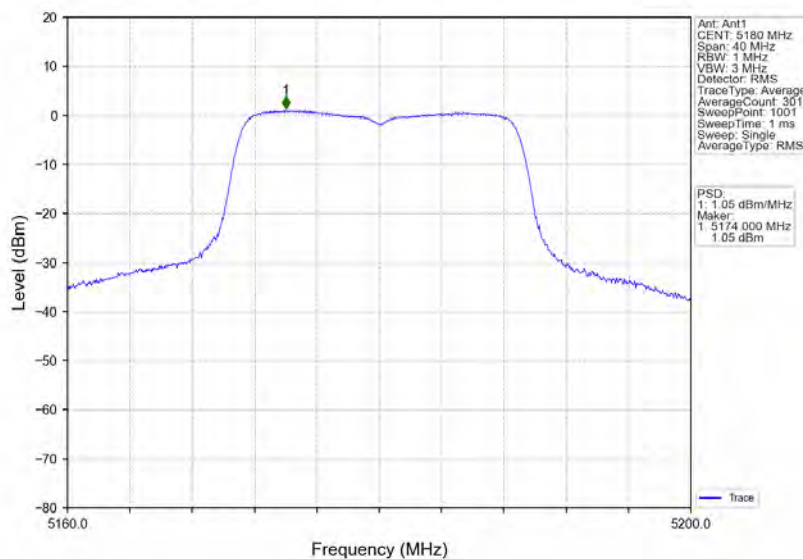
Report No.: KSCR240200024802

Page: 371 of 410

802.11a HCH 5700MHz Ant1 NTNV



802.11n(HT20) LCH 5180MHz Ant1 NTNV



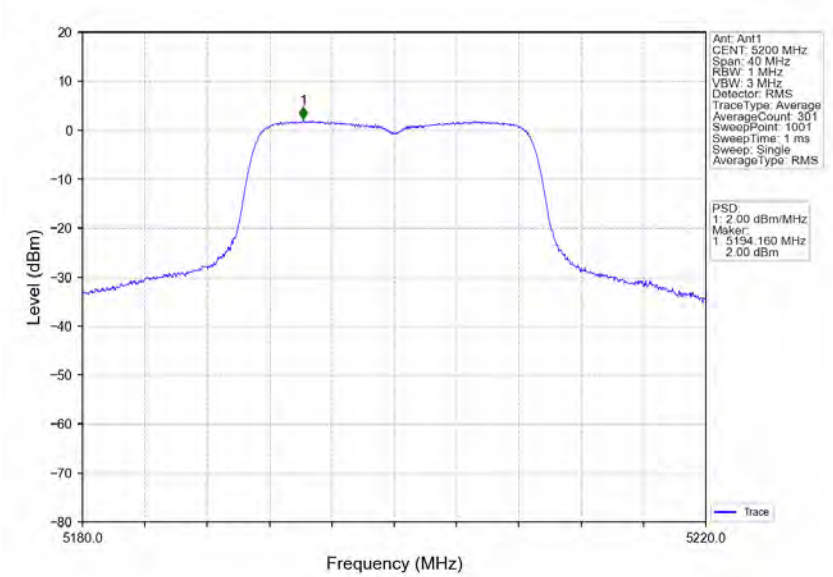
Compliance Certification Services (Kunshan) Inc.

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

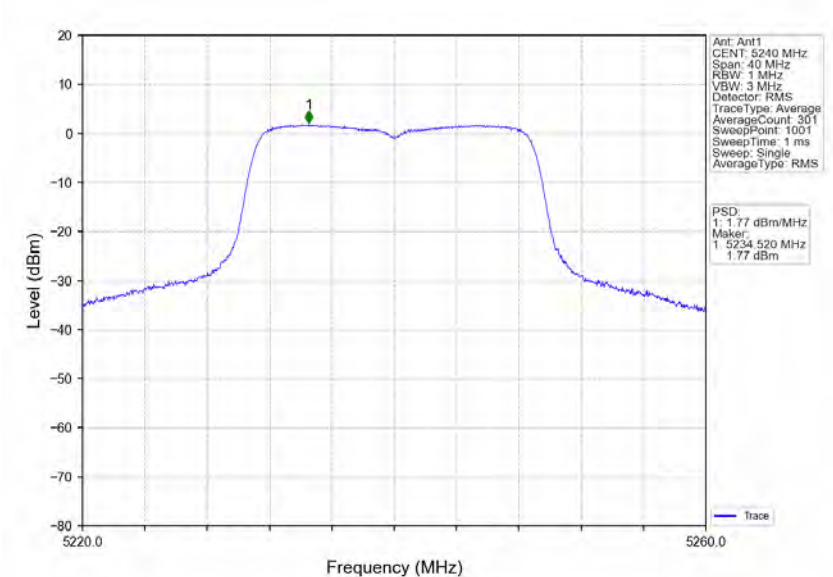
Report No.: KSCR240200024802

Page: 372 of 410

802.11n(HT20) MCH 5200MHz Ant1 NTNV



802.11n(HT20) HCH 5240MHz Ant1 NTNV



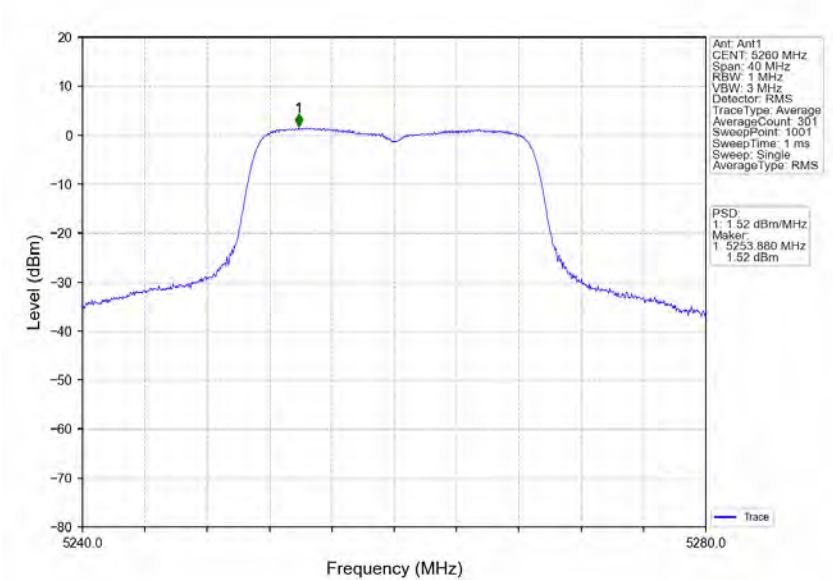
Compliance Certification Services (Kunshan) Inc.

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

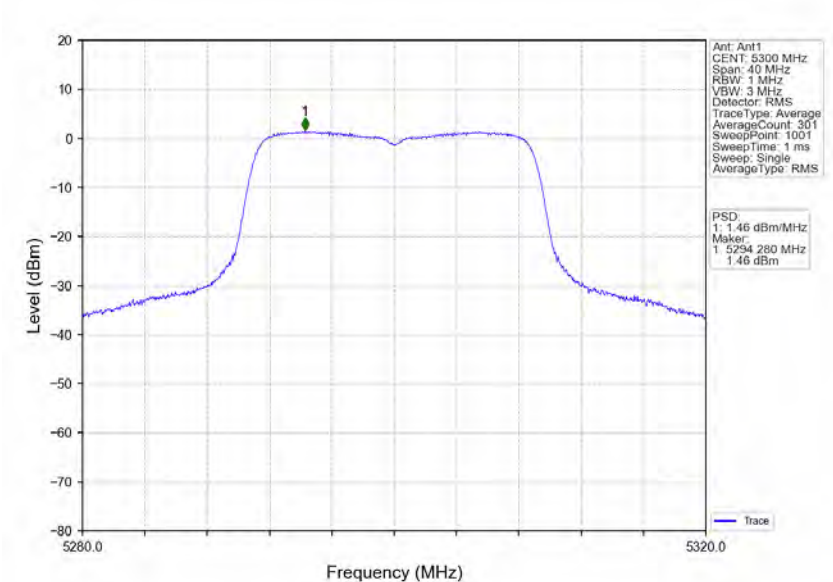
Report No.: KSCR240200024802

Page: 373 of 410

802.11n(HT20) LCH 5260MHz Ant1 NTV



802.11n(HT20) MCH 5300MHz Ant1 NTV



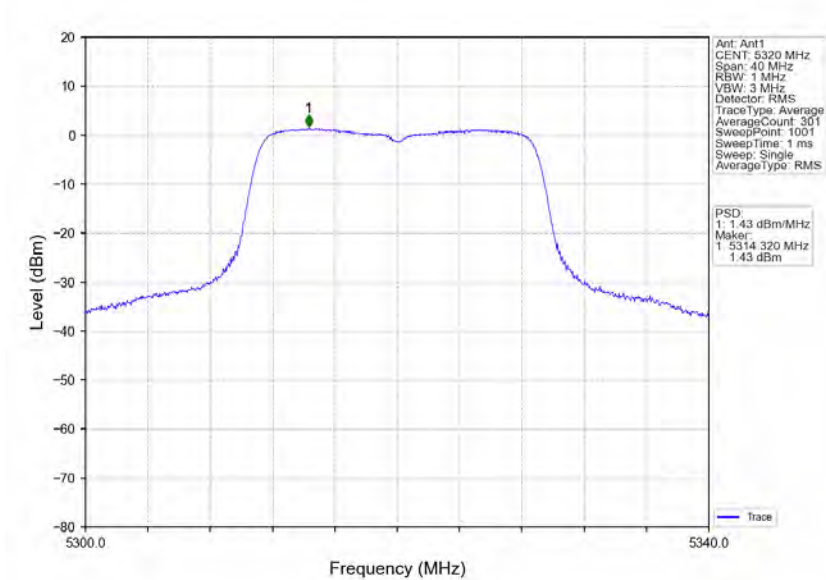
Compliance Certification Services (Kunshan) Inc.

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

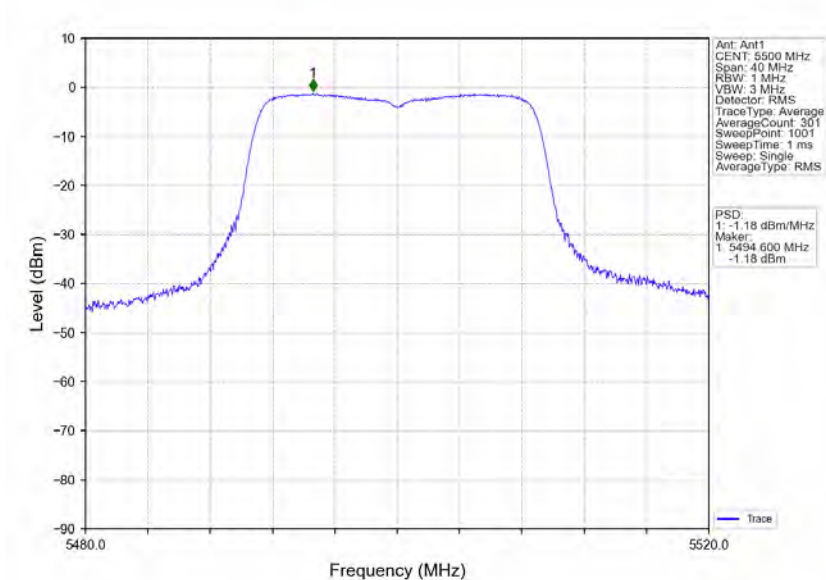
Report No.: KSCR240200024802

Page: 374 of 410

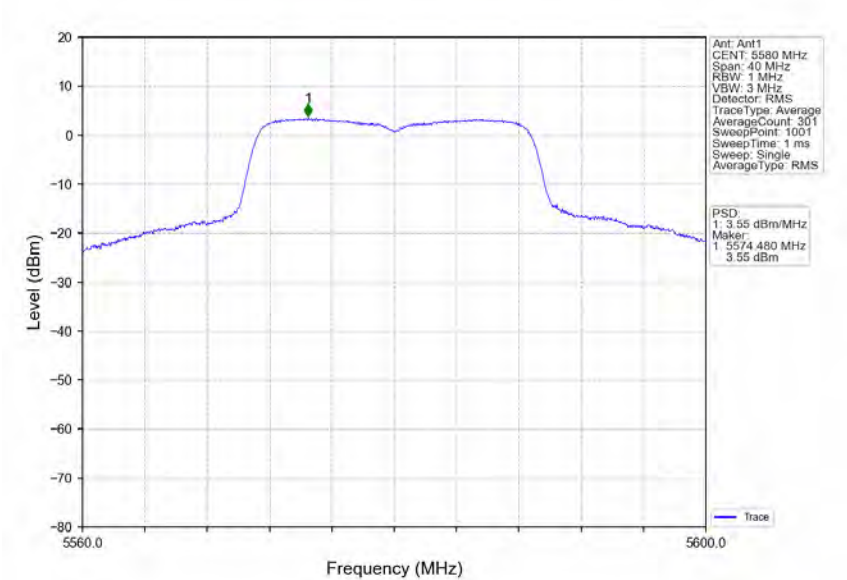
802.11n(HT20) HCH 5320MHz Ant1 NTNV



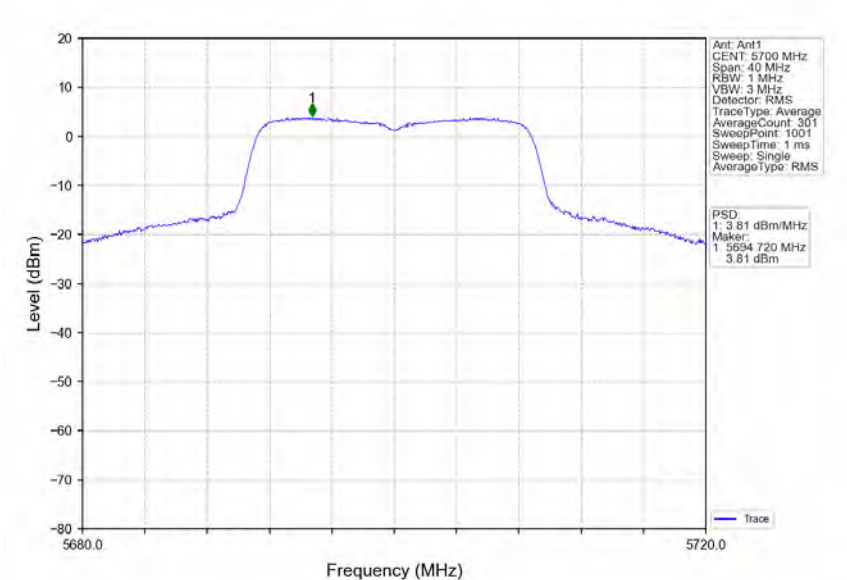
802.11n(HT20) LCH 5500MHz Ant1 NTNV



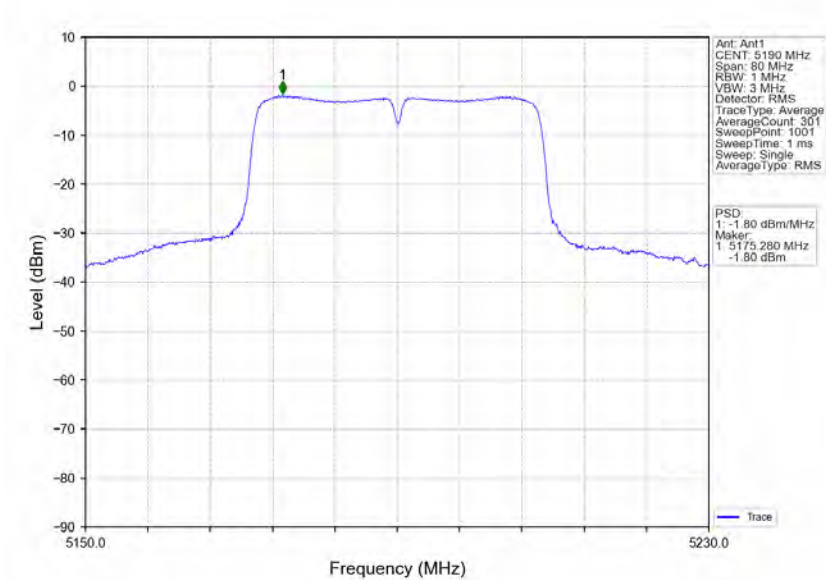
802.11n(HT20) MCH 5580MHz Ant1 NTV



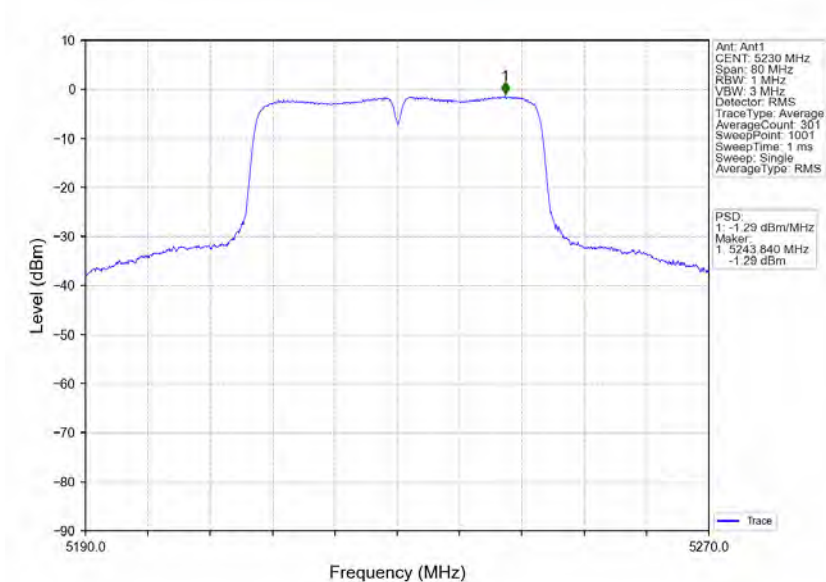
802.11n(HT20) HCH 5700MHz Ant1 NTV



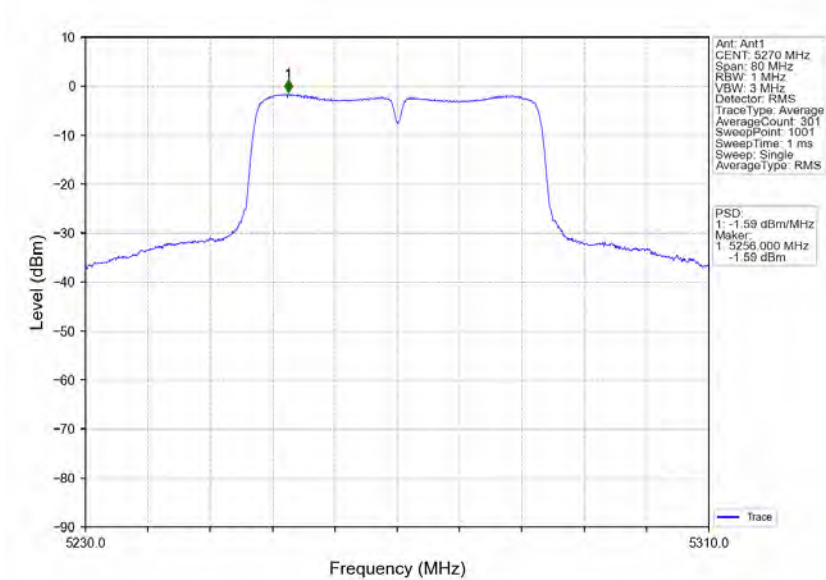
802.11n(HT40) LCH 5190MHz Ant1 NTVN



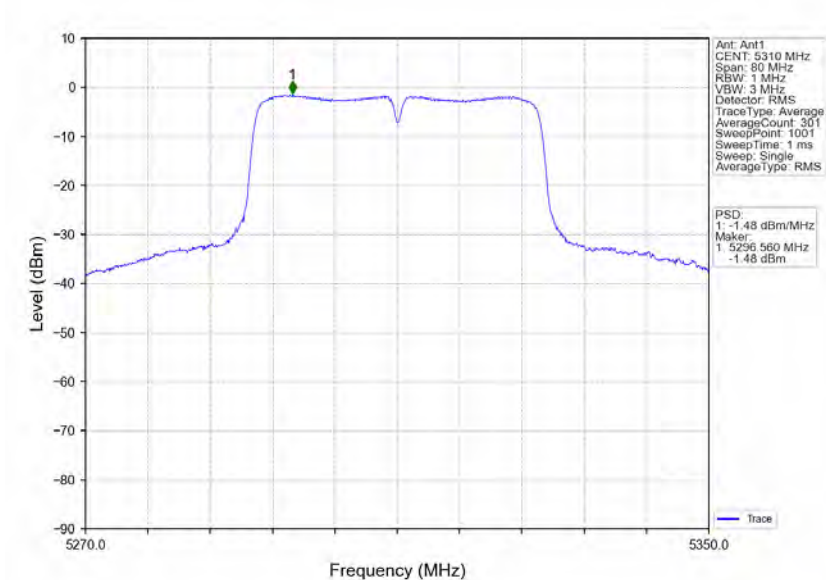
802.11n(HT40) HCH 5230MHz Ant1 NTVN



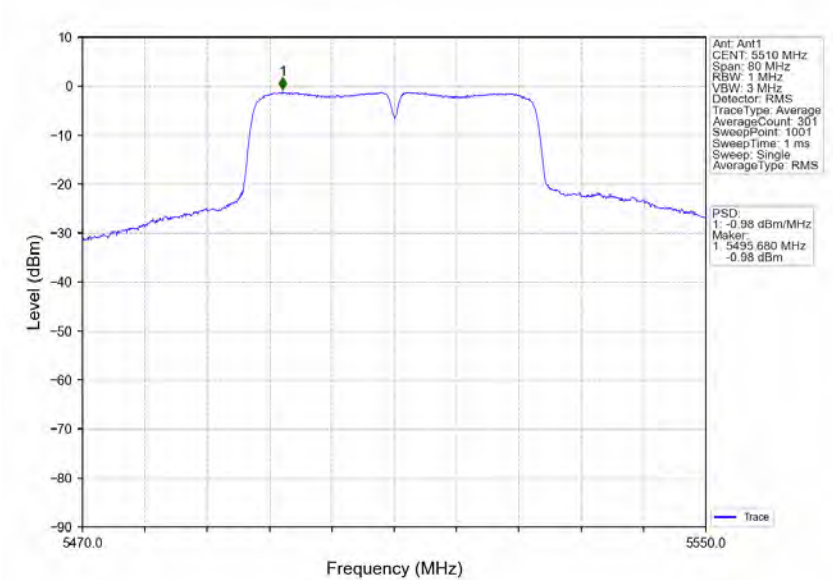
802.11n(HT40) LCH 5270MHz Ant1 NTV



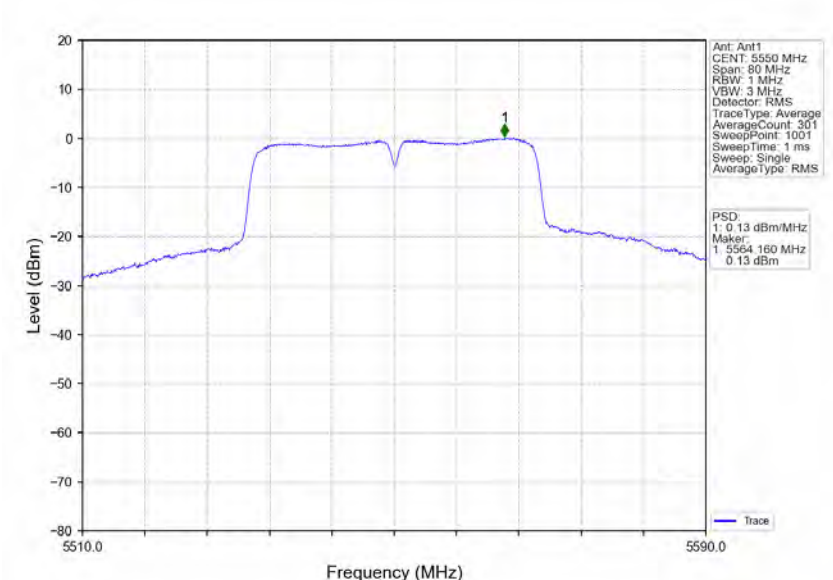
802.11n(HT40) HCH 5310MHz Ant1 NTV



802.11n(HT40) LCH 5510MHz Ant1 NTNV



802.11n(HT40) MCH 5550MHz Ant1 NTNV



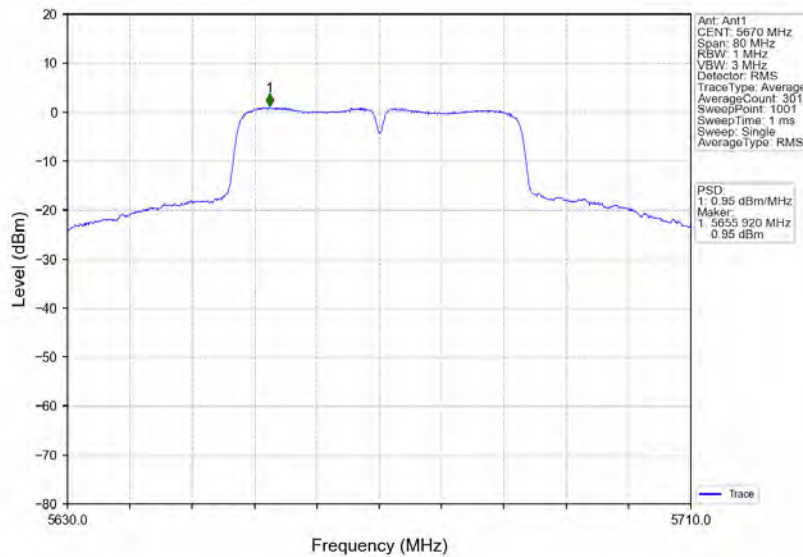
Compliance Certification Services (Kunshan) Inc.

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

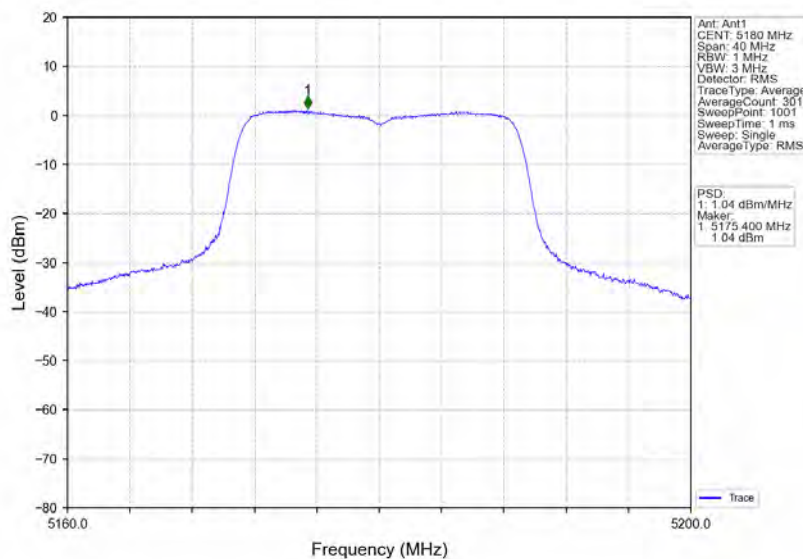
Report No.: KSCR240200024802

Page: 379 of 410

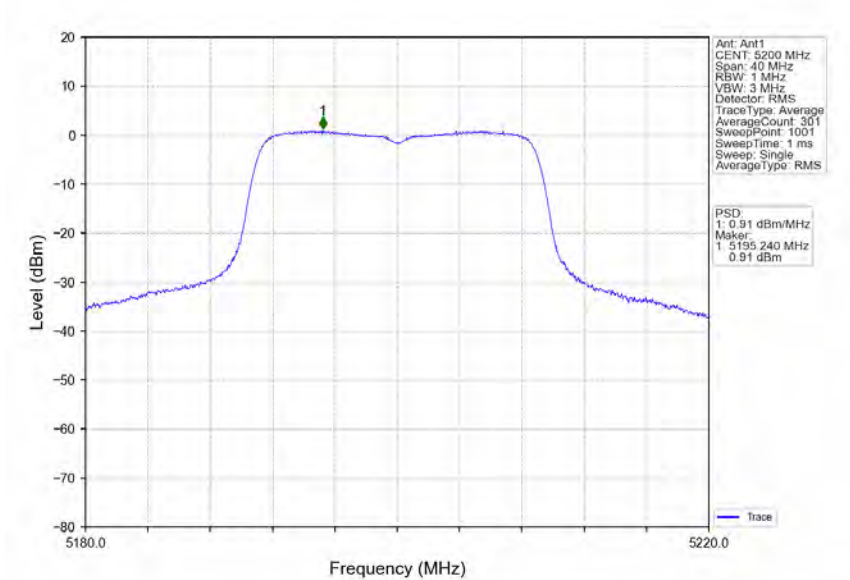
802.11n(HT40) HCH 5670MHz Ant1 NTNV



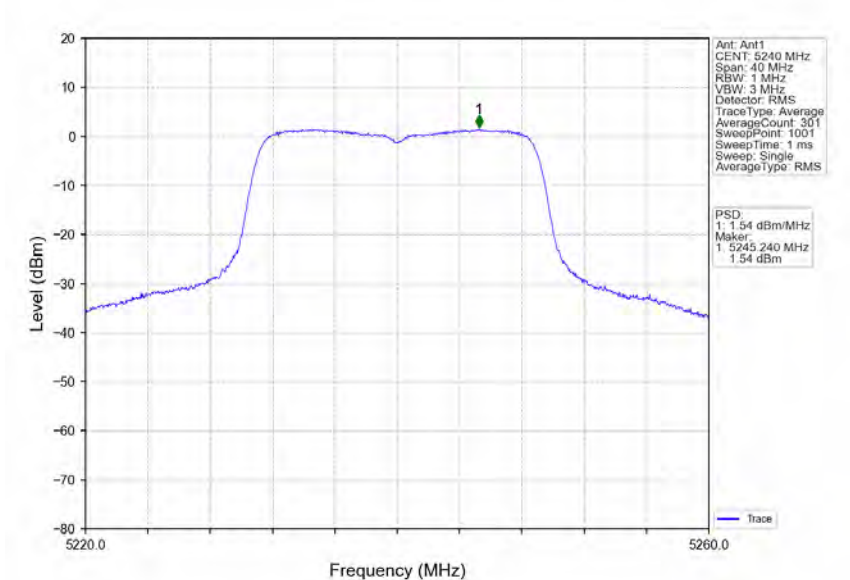
802.11ac(VHT20) LCH 5180MHz Ant1 NTNV



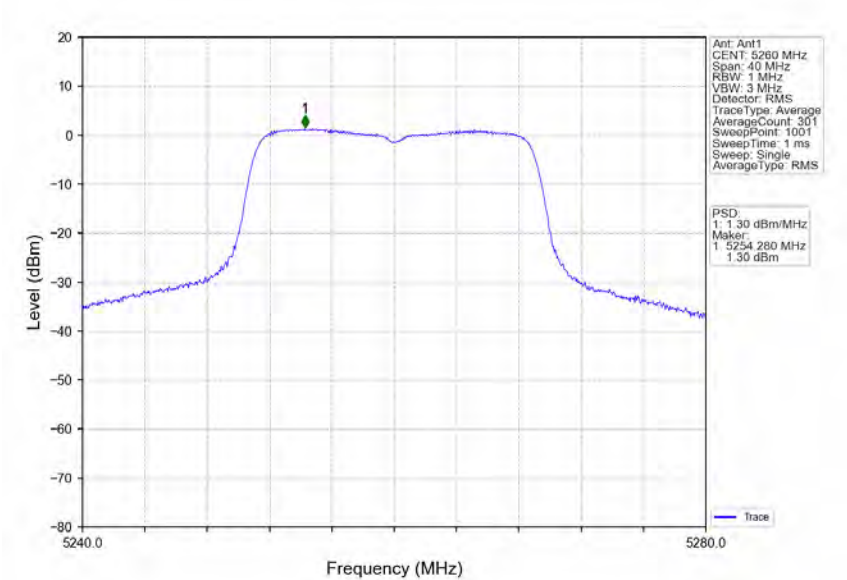
802.11ac(VHT20) MCH 5200MHz Ant1 NTN



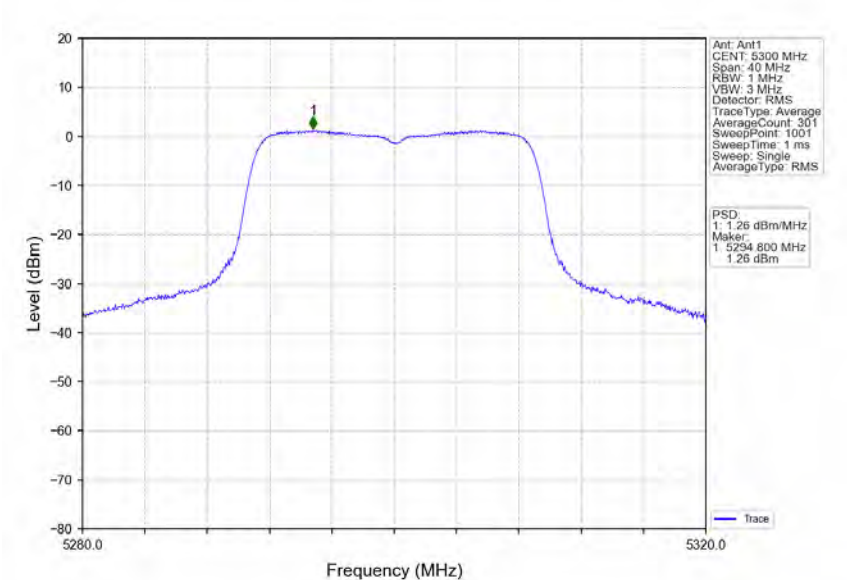
802.11ac(VHT20) HCH 5240MHz Ant1 NTN



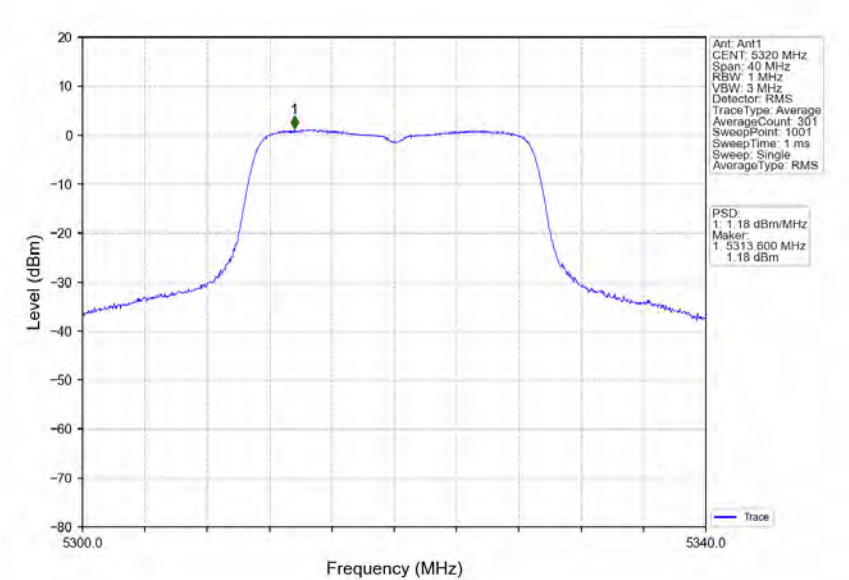
802.11ac(VHT20) LCH 5260MHz Ant1 NTN



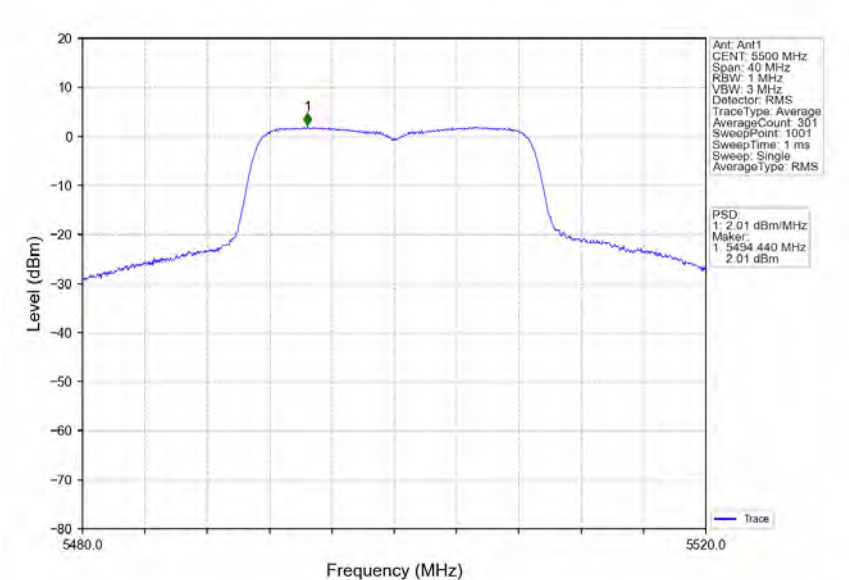
802.11ac(VHT20) MCH 5300MHz Ant1 NTN



802.11ac(VHT20) HCH 5320MHz Ant1 NTN



802.11ac(VHT20) LCH 5500MHz Ant1 NTN



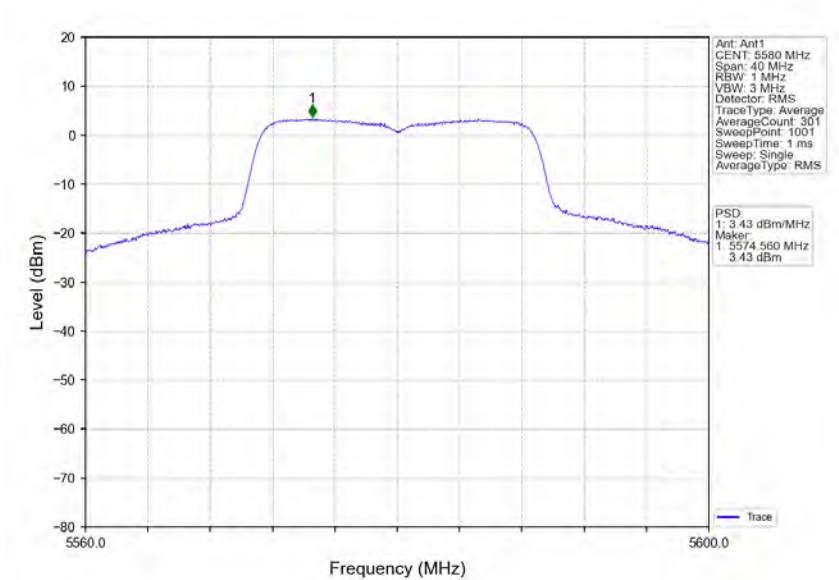
Compliance Certification Services (Kunshan) Inc.

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

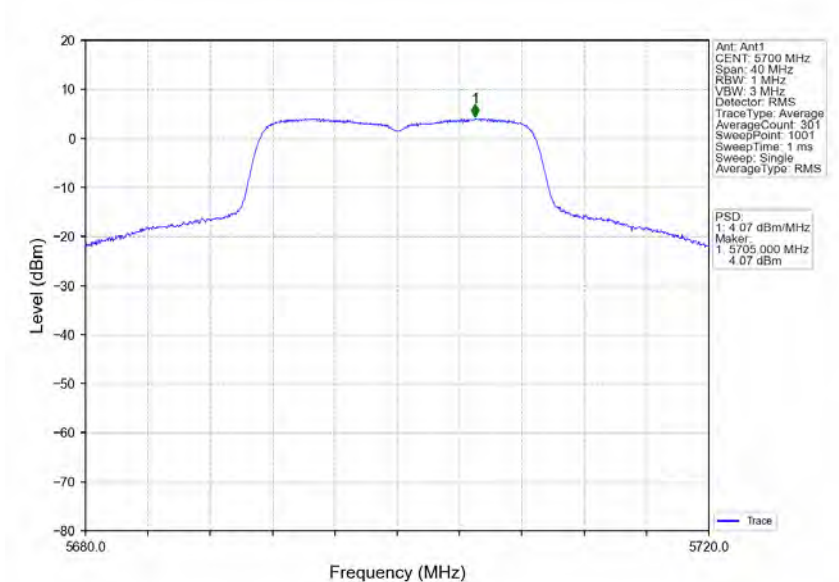
Report No.: KSCR240200024802

Page: 383 of 410

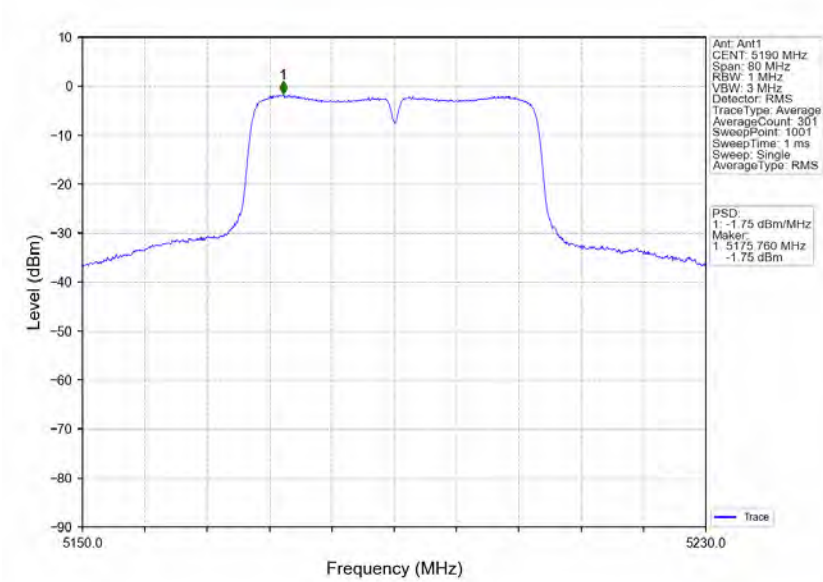
802.11ac(VHT20) MCH 5580MHz Ant1 NTN



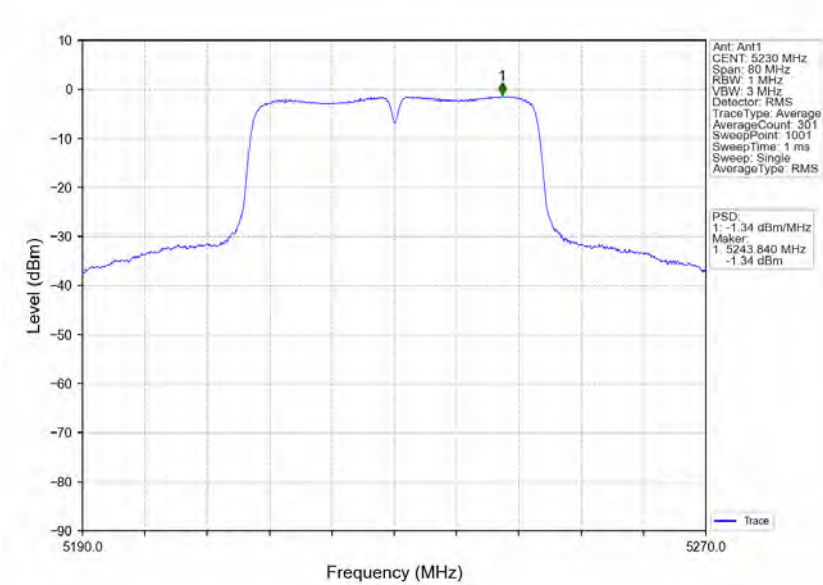
802.11ac(VHT20) HCH 5700MHz Ant1 NTN



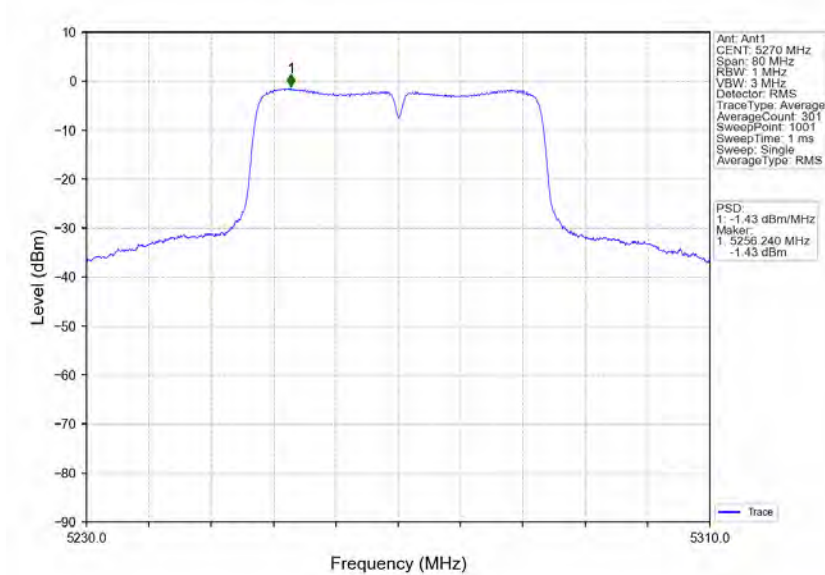
802.11ac(VHT40) LCH 5190MHz Ant1 NTN



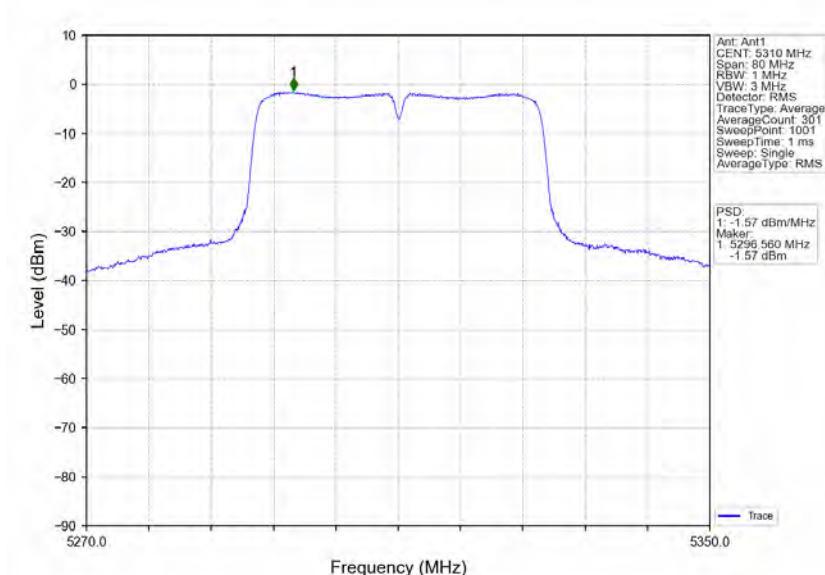
802.11ac(VHT40) HCH 5230MHz Ant1 NTN



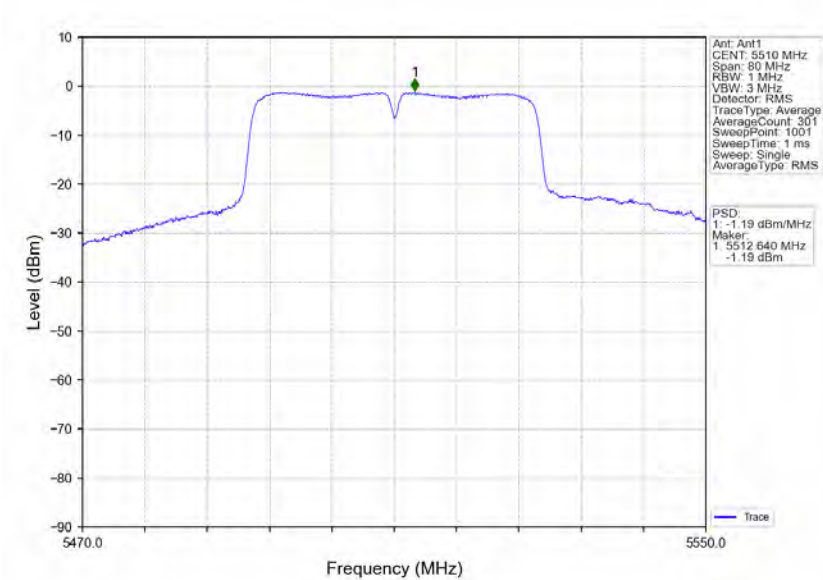
802.11ac(VHT40) LCH 5270MHz Ant1 NTN



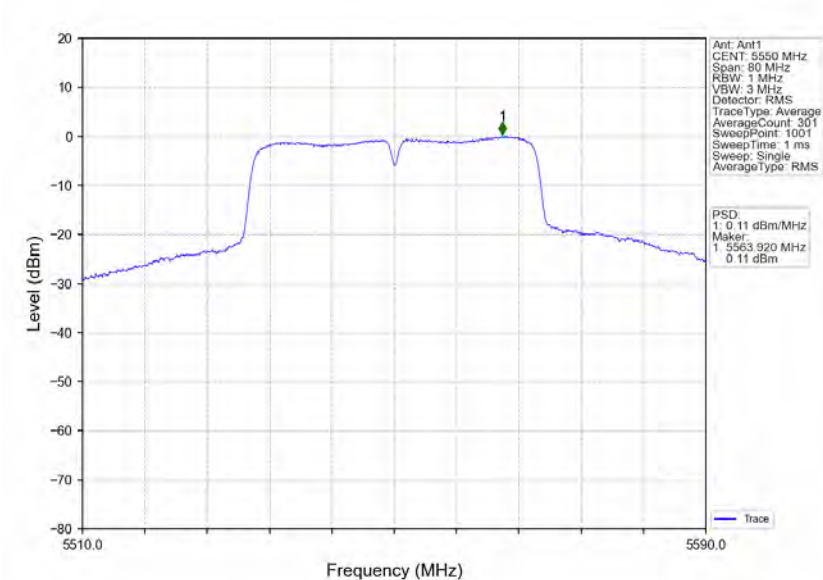
802.11ac(VHT40) HCH 5310MHz Ant1 NTN



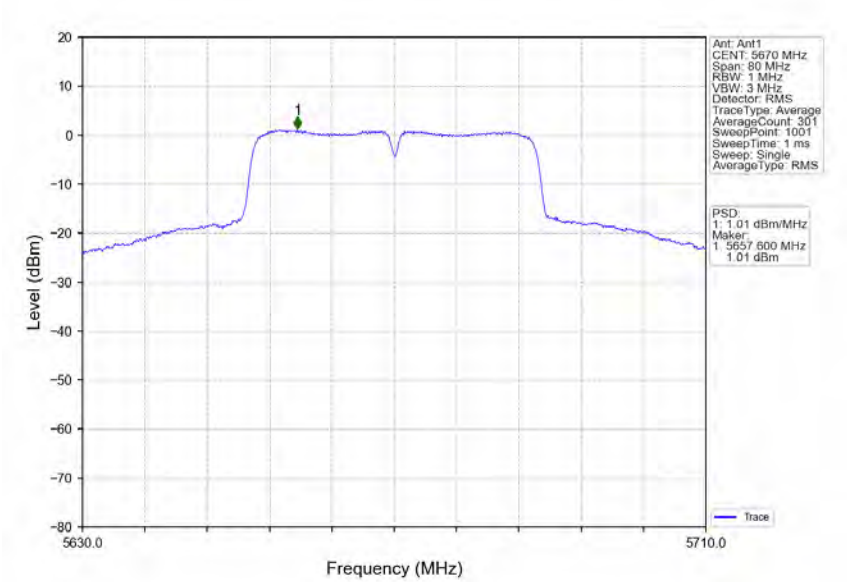
802.11ac(VHT40) LCH 5510MHz Ant1 NTN



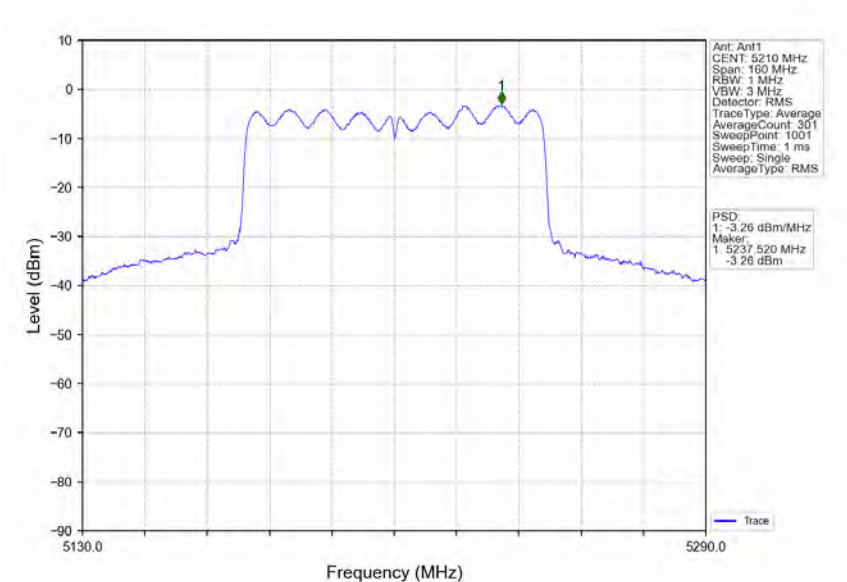
802.11ac(VHT40) MCH 5550MHz Ant1 NTN



802.11ac(VHT40) HCH 5670MHz Ant1 NTN



802.11ac(VHT80) MCH 5210MHz Ant1 NTN



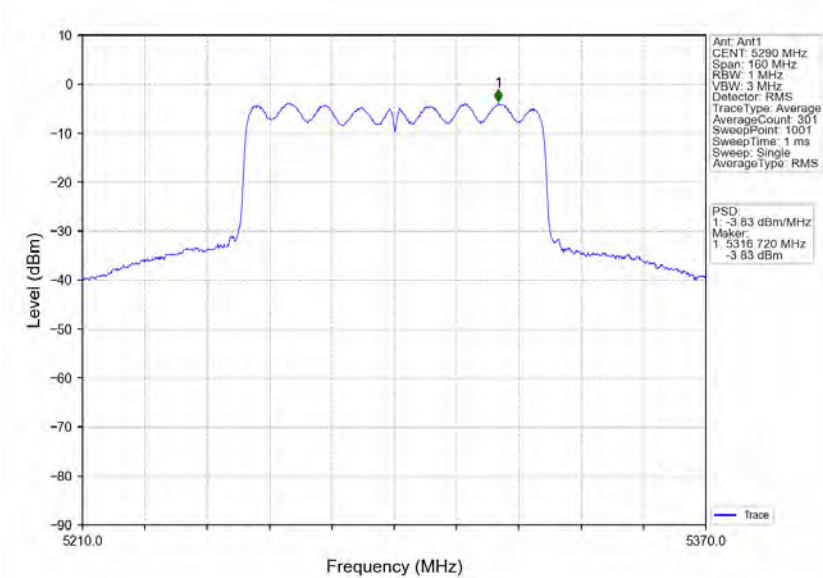
Compliance Certification Services (Kunshan) Inc.

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

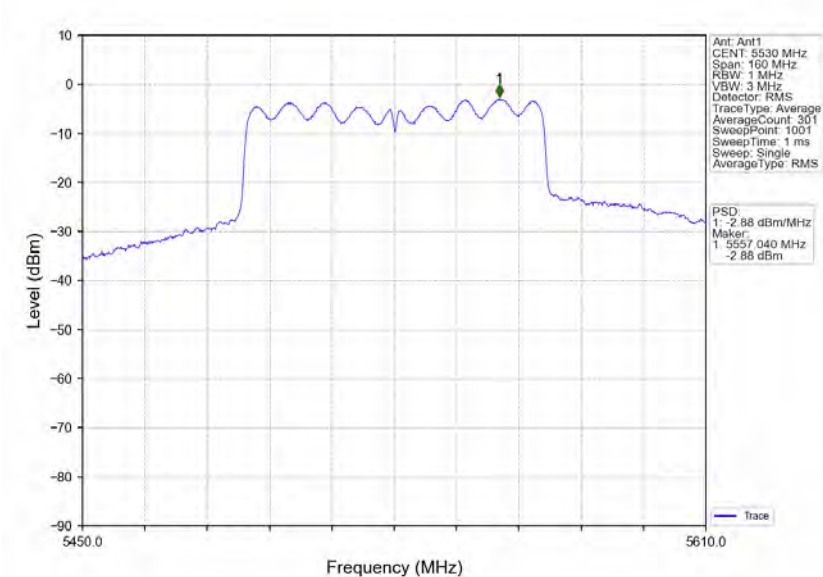
Report No.: KSCR240200024802

Page: 388 of 410

802.11ac(VHT80) MCH_5290MHz_Ant1_NTNV



802.11ac(VHT80) LCH_5530MHz_Ant1_NTNV



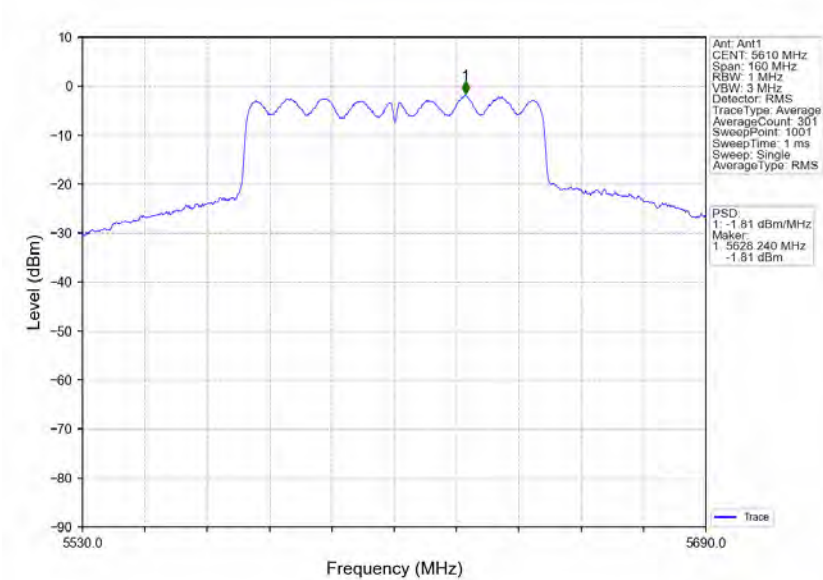
Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 389 of 410

802.11ac(VHT80) HCH 5610MHz Ant1 NTN



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

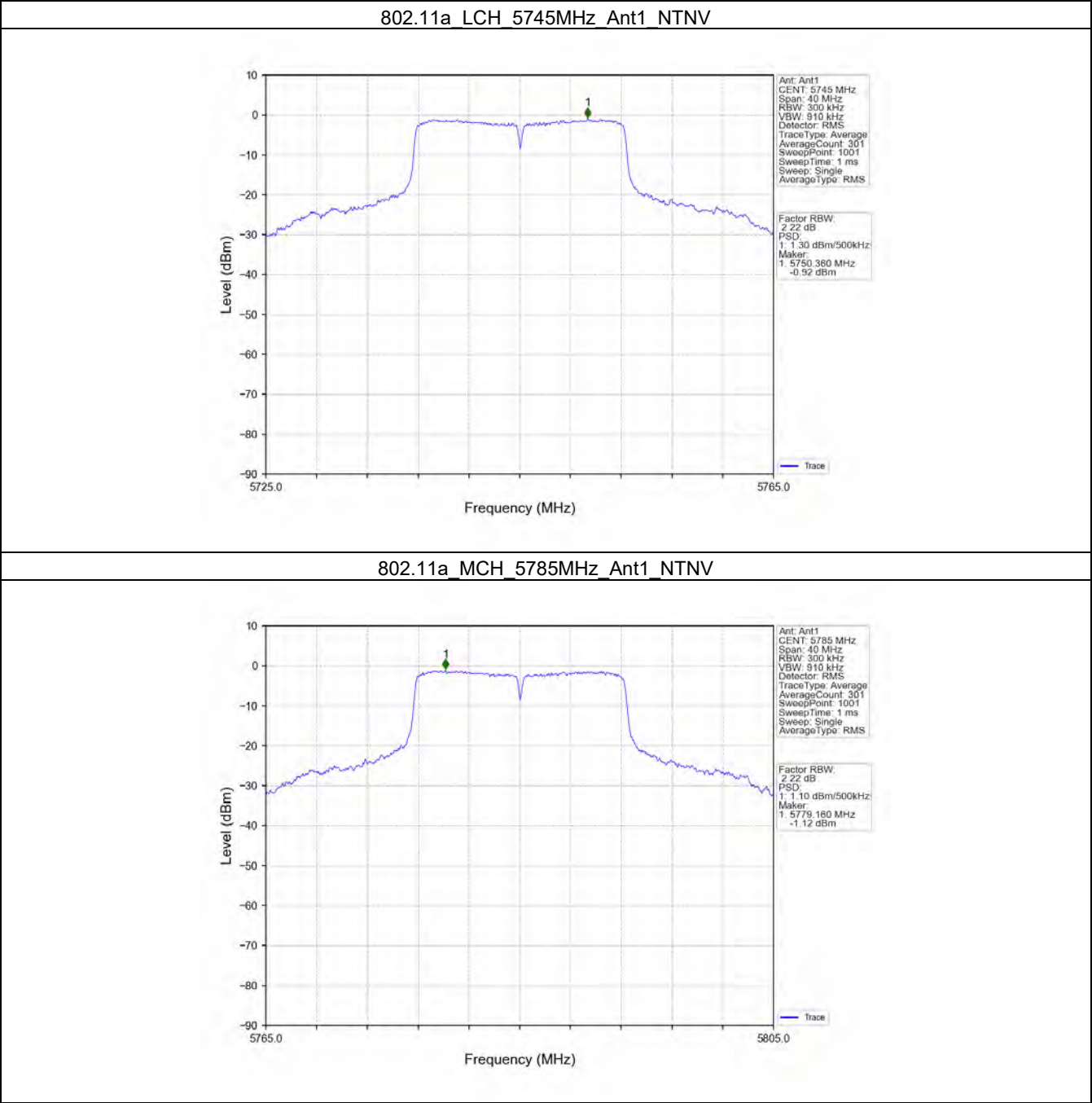
Page: 390 of 410

4.2 PSD-Band3

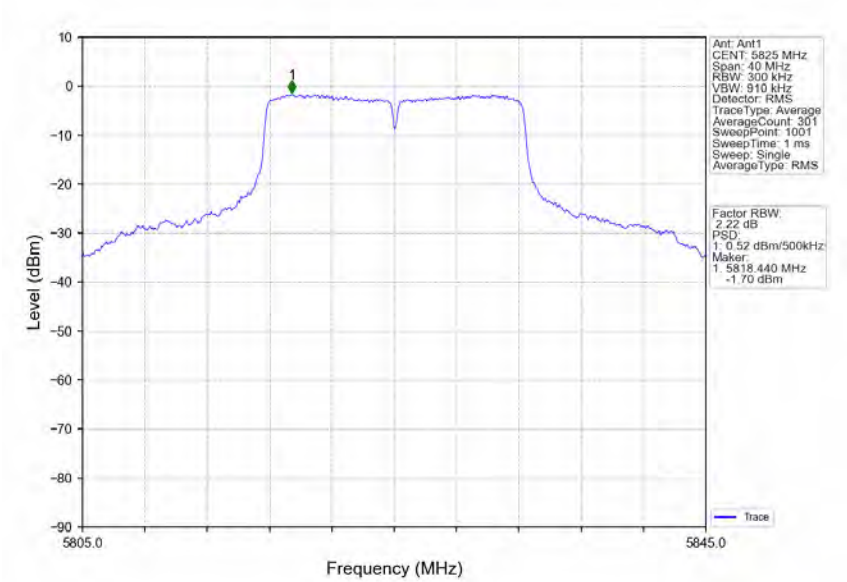
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	1.30	<=30	Pass
		5785	1.10	<=30	Pass
		5825	0.52	<=30	Pass
802.11n (HT20)	SISO	5745	-0.29	<=30	Pass
		5785	-2.42	<=30	Pass
		5825	-5.61	<=30	Pass
802.11n (HT40)	SISO	5755	-4.29	<=30	Pass
		5795	-6.87	<=30	Pass
802.11ac (VHT20)	SISO	5745	0.40	<=30	Pass
		5785	-1.46	<=30	Pass
		5825	-4.51	<=30	Pass
802.11ac (VHT40)	SISO	5755	-3.69	<=30	Pass
		5795	-6.26	<=30	Pass
802.11ac (VHT80)	SISO	5775	-7.04	<=30	Pass
Note1: Antenna Gain: U-NII-1: -1.03dBi; U-NII-2A: -1.05dBi, U-NII-2C: 0.92dBi, U-NII-3: 0.92dBi					

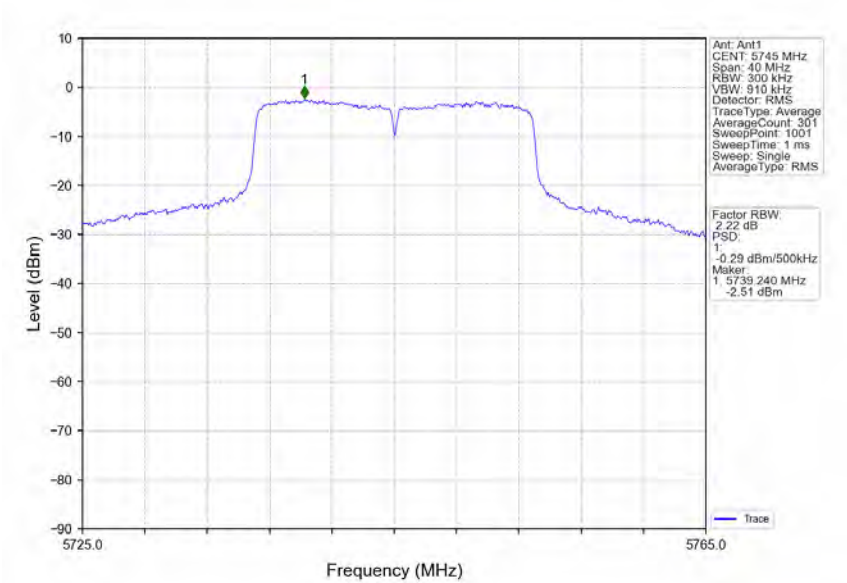
4.2.2 Test Graph



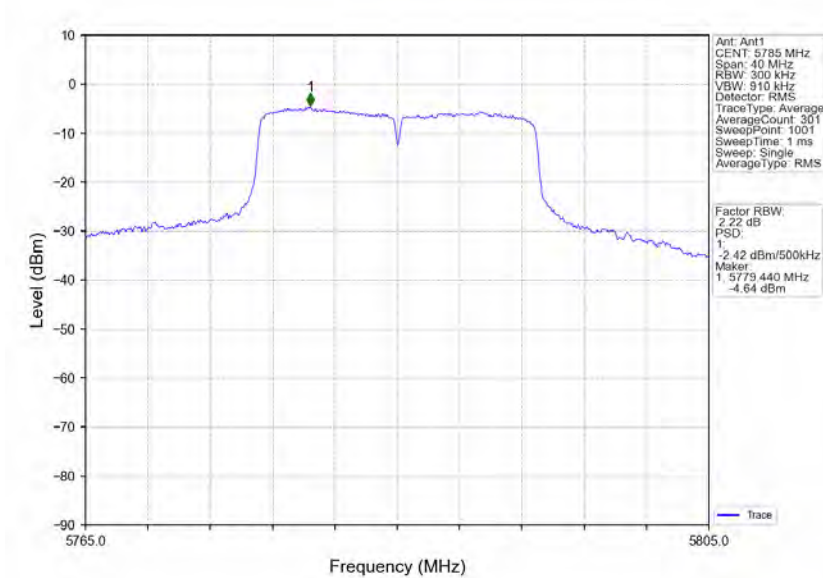
802.11a HCH 5825MHz Ant1 NTNV



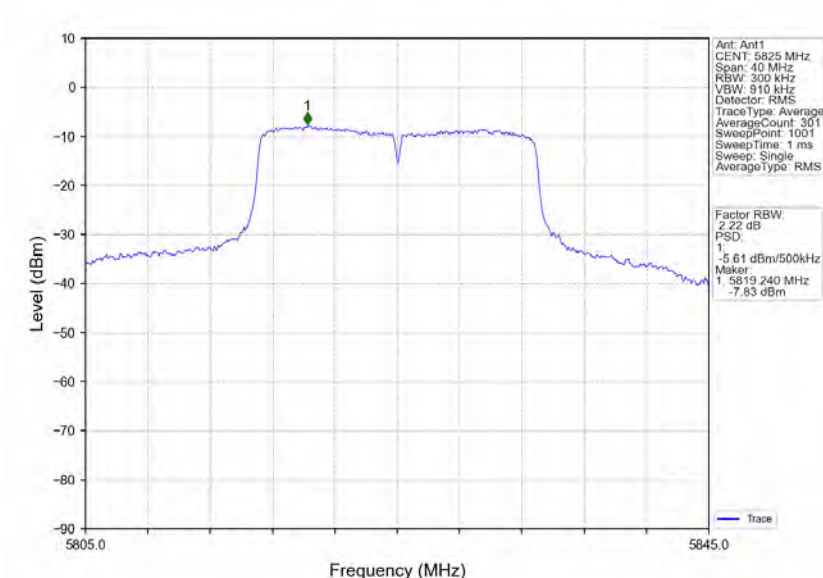
802.11n(HT20) LCH 5745MHz Ant1 NTNV



802.11n(HT20) MCH 5785MHz Ant1 NTN



802.11n(HT20) HCH 5825MHz Ant1 NTN



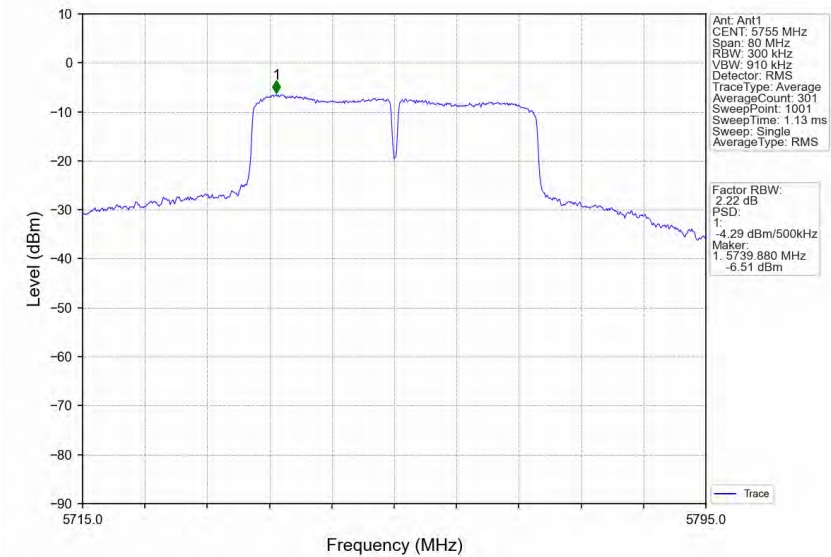
Compliance Certification Services (Kunshan) Inc.

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

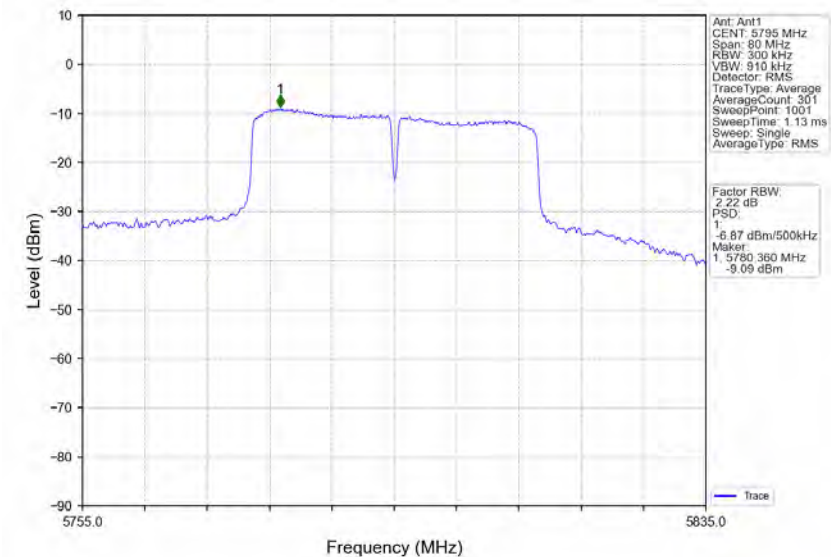
Report No.: KSCR240200024802

Page: 394 of 410

802.11n(HT40) LCH 5755MHz Ant1 NTNV



802.11n(HT40) HCH 5795MHz Ant1 NTNV



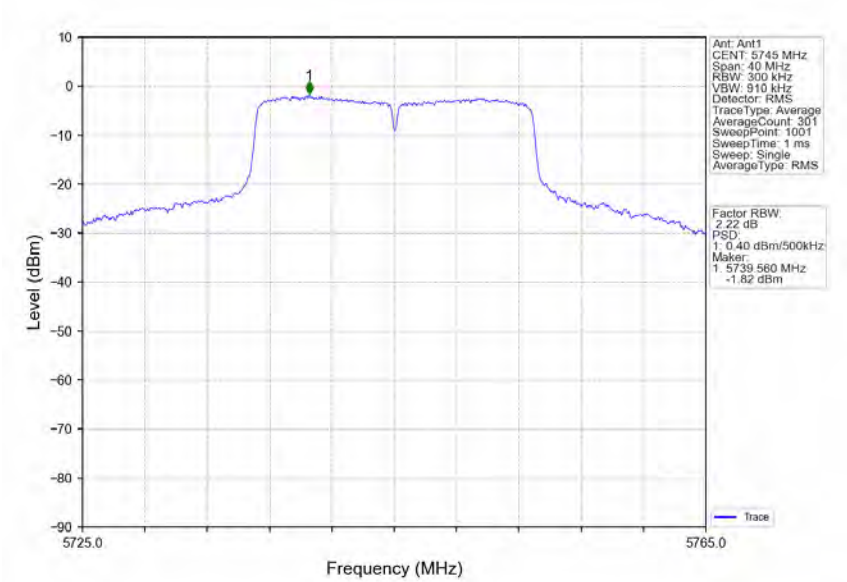
Compliance Certification Services (Kunshan) Inc.

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

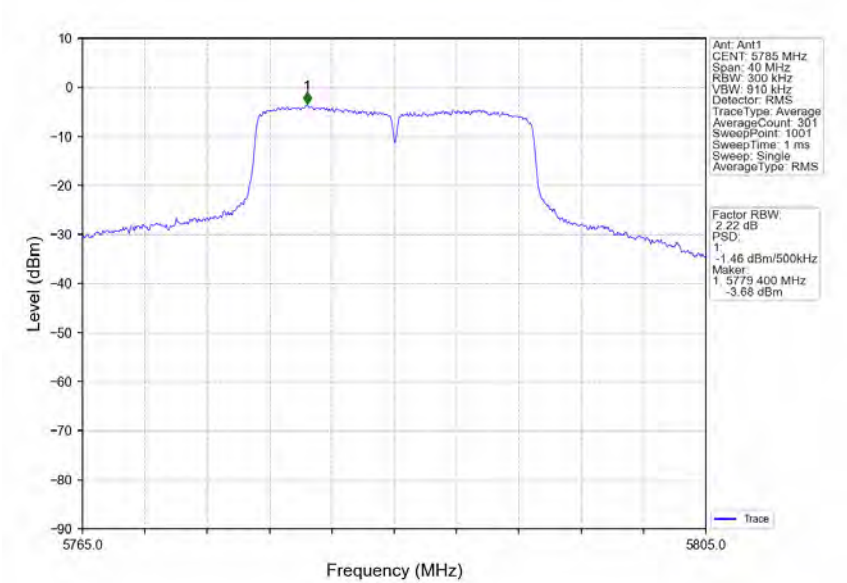
Report No.: KSCR240200024802

Page: 395 of 410

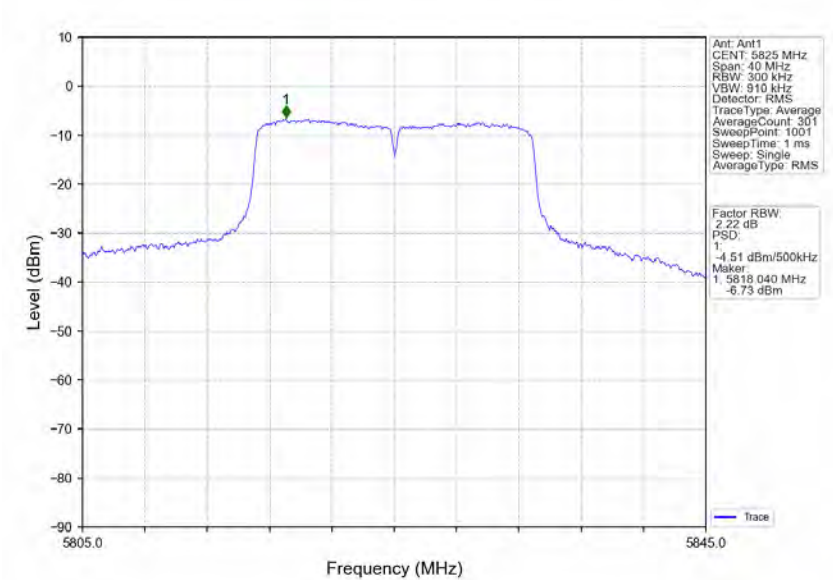
802.11ac(VHT20) LCH 5745MHz Ant1 NTN



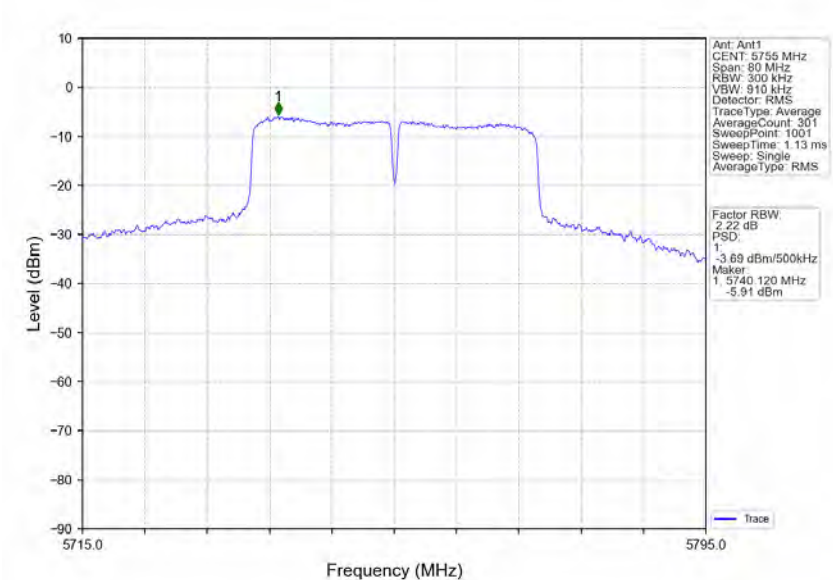
802.11ac(VHT20) MCH 5785MHz Ant1 NTN



802.11ac(VHT20) HCH 5825MHz Ant1 NTN



802.11ac(VHT40) LCH 5755MHz Ant1 NTN



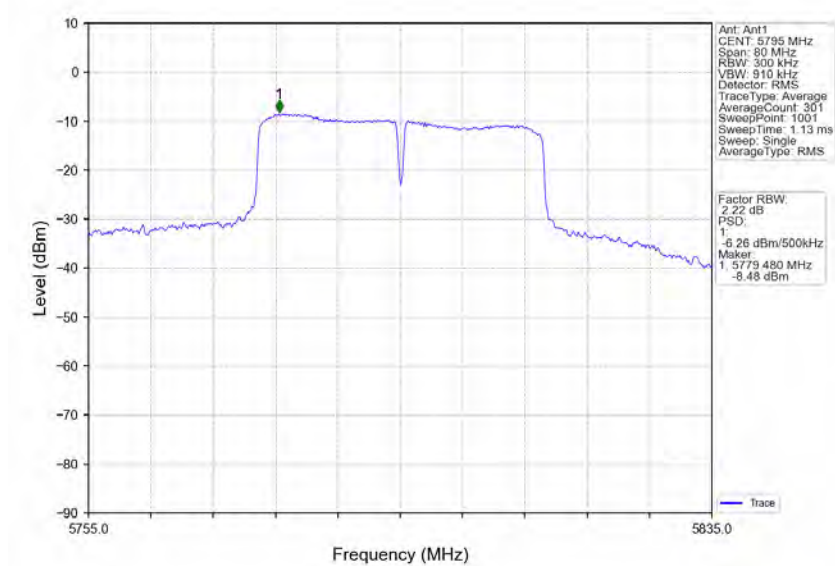
Compliance Certification Services (Kunshan) Inc.

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

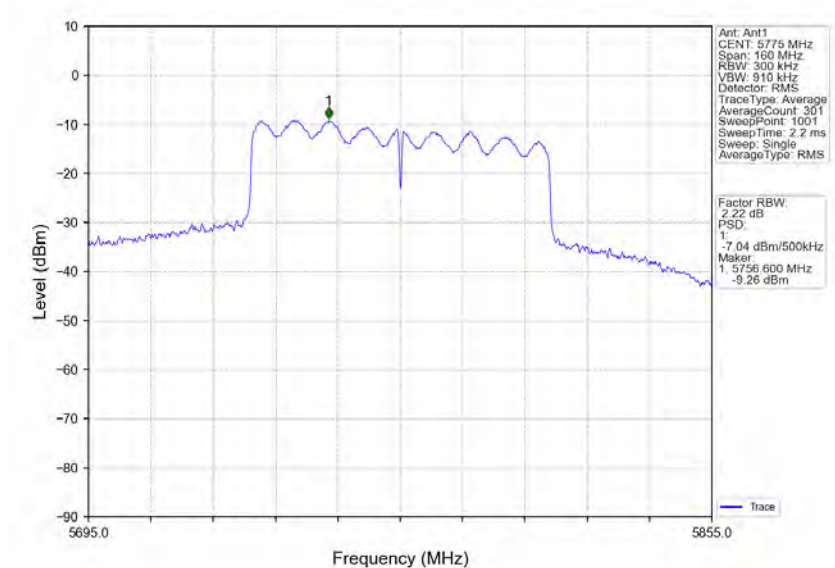
Report No.: KSCR240200024802

Page: 397 of 410

802.11ac(VHT40) HCH 5795MHz Ant1 NTN



802.11ac(VHT80) MCH 5775MHz Ant1 NTN





Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 398 of 410

5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5180	20	102	5179.980	5150 to 5250	Pass
				120	5179.980	5150 to 5250	Pass
				138	5179.980	5150 to 5250	Pass
			-30	120	5179.980	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5180.000	5150 to 5250	Pass
			0	120	5179.980	5150 to 5250	Pass
			10	120	5179.980	5150 to 5250	Pass
			30	120	5180.000	5150 to 5250	Pass
			40	120	5179.980	5150 to 5250	Pass
			50	120	5179.980	5150 to 5250	Pass
		5200	20	102	5200.020	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5199.980	5150 to 5250	Pass
			-30	120	5200.020	5150 to 5250	Pass
			-20	120	5200.020	5150 to 5250	Pass
			-10	120	5200.000	5150 to 5250	Pass
			0	120	5200.060	5150 to 5250	Pass
			10	120	5200.000	5150 to 5250	Pass
			30	120	5200.000	5150 to 5250	Pass
			40	120	5200.020	5150 to 5250	Pass
			50	120	5200.000	5150 to 5250	Pass
		5240	20	102	5240.000	5150 to 5250	Pass
				120	5239.980	5150 to 5250	Pass
				138	5240.020	5150 to 5250	Pass
			-30	120	5240.000	5150 to 5250	Pass
			-20	120	5240.020	5150 to 5250	Pass
			-10	120	5239.980	5150 to 5250	Pass
			0	120	5239.960	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	Pass
			30	120	5240.000	5150 to 5250	Pass
			40	120	5240.040	5150 to 5250	Pass
			50	120	5240.000	5150 to 5250	Pass
		5260	20	102	5259.980	5250 to 5350	Pass
				120	5260.000	5250 to 5350	Pass
				138	5259.980	5250 to 5350	Pass
			-30	120	5259.960	5250 to 5350	Pass
			-20	120	5259.980	5250 to 5350	Pass
			-10	120	5259.960	5250 to 5350	Pass
			0	120	5259.980	5250 to 5350	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 399 of 410

			10	120	5259.980	5250 to 5350	Pass
			30	120	5259.980	5250 to 5350	Pass
			40	120	5259.980	5250 to 5350	Pass
			50	120	5259.960	5250 to 5350	Pass
		5300	20	102	5300.000	5250 to 5350	Pass
				120	5300.040	5250 to 5350	Pass
				138	5300.000	5250 to 5350	Pass
			-30	120	5299.980	5250 to 5350	Pass
			-20	120	5300.020	5250 to 5350	Pass
			-10	120	5300.000	5250 to 5350	Pass
			0	120	5300.000	5250 to 5350	Pass
			10	120	5300.000	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass
			40	120	5300.020	5250 to 5350	Pass
			50	120	5300.020	5250 to 5350	Pass
		5320	20	102	5319.980	5250 to 5350	Pass
				120	5320.000	5250 to 5350	Pass
				138	5320.020	5250 to 5350	Pass
			-30	120	5320.000	5250 to 5350	Pass
			-20	120	5320.000	5250 to 5350	Pass
			-10	120	5320.000	5250 to 5350	Pass
			0	120	5320.000	5250 to 5350	Pass
			10	120	5319.980	5250 to 5350	Pass
			30	120	5320.040	5250 to 5350	Pass
			40	120	5320.000	5250 to 5350	Pass
			50	120	5319.980	5250 to 5350	Pass
		5500	20	102	5500.060	5470 to 5725	Pass
				120	5499.960	5470 to 5725	Pass
				138	5500.020	5470 to 5725	Pass
			-30	120	5500.000	5470 to 5725	Pass
			-20	120	5500.000	5470 to 5725	Pass
			-10	120	5500.020	5470 to 5725	Pass
			0	120	5499.940	5470 to 5725	Pass
			10	120	5500.020	5470 to 5725	Pass
			30	120	5499.960	5470 to 5725	Pass
			40	120	5500.000	5470 to 5725	Pass
			50	120	5499.960	5470 to 5725	Pass
		5580	20	102	5580.020	5470 to 5725	Pass
				120	5579.980	5470 to 5725	Pass
				138	5579.980	5470 to 5725	Pass
			-30	120	5580.000	5470 to 5725	Pass
			-20	120	5579.960	5470 to 5725	Pass
			-10	120	5579.980	5470 to 5725	Pass
			0	120	5579.980	5470 to 5725	Pass
			10	120	5579.980	5470 to 5725	Pass
			30	120	5579.980	5470 to 5725	Pass
			40	120	5579.980	5470 to 5725	Pass
			50	120	5580.000	5470 to 5725	Pass
		5700	20	102	5700.040	5470 to 5725	Pass
				120	5700.080	5470 to 5725	Pass
				138	5700.040	5470 to 5725	Pass
			-30	120	5700.040	5470 to 5725	Pass



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 400 of 410

			-20	120	5700.020	5470 to 5725	Pass
			-10	120	5700.060	5470 to 5725	Pass
			0	120	5700.140	5470 to 5725	Pass
			10	120	5700.060	5470 to 5725	Pass
			30	120	5700.020	5470 to 5725	Pass
			40	120	5700.040	5470 to 5725	Pass
			50	120	5700.080	5470 to 5725	Pass
		5745	20	102	5745.060	5725 to 5850	Pass
				120	5745.060	5725 to 5850	Pass
				138	5745.060	5725 to 5850	Pass
			-30	120	5745.060	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.100	5725 to 5850	Pass
			0	120	5745.100	5725 to 5850	Pass
			10	120	5745.040	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
			40	120	5745.040	5725 to 5850	Pass
			50	120	5745.100	5725 to 5850	Pass
		5785	20	102	5785.040	5725 to 5850	Pass
				120	5785.040	5725 to 5850	Pass
				138	5785.020	5725 to 5850	Pass
			-30	120	5785.020	5725 to 5850	Pass
			-20	120	5785.020	5725 to 5850	Pass
			-10	120	5785.040	5725 to 5850	Pass
			0	120	5785.020	5725 to 5850	Pass
			10	120	5785.040	5725 to 5850	Pass
			30	120	5785.060	5725 to 5850	Pass
			40	120	5785.020	5725 to 5850	Pass
			50	120	5785.040	5725 to 5850	Pass
		5825	20	102	5825.040	5725 to 5850	Pass
				120	5825.020	5725 to 5850	Pass
				138	5825.040	5725 to 5850	Pass
			-30	120	5825.040	5725 to 5850	Pass
			-20	120	5825.020	5725 to 5850	Pass
			-10	120	5825.040	5725 to 5850	Pass
			0	120	5825.060	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5825.060	5725 to 5850	Pass
			40	120	5825.020	5725 to 5850	Pass
			50	120	5825.020	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.000	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5179.980	5150 to 5250	Pass
			-10	120	5180.020	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
			10	120	5180.020	5150 to 5250	Pass
			30	120	5179.980	5150 to 5250	Pass
			40	120	5180.000	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5200.020	5150 to 5250	Pass



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 401 of 410

				120	5200.000	5150 to 5250	Pass	
				138	5200.020	5150 to 5250	Pass	
				-30	120	5200.000	5150 to 5250	Pass
				-20	120	5200.000	5150 to 5250	Pass
				-10	120	5200.000	5150 to 5250	Pass
				0	120	5200.000	5150 to 5250	Pass
				10	120	5199.980	5150 to 5250	Pass
				30	120	5200.000	5150 to 5250	Pass
				40	120	5199.980	5150 to 5250	Pass
				50	120	5199.980	5150 to 5250	Pass
		5240	20	102	5240.000	5150 to 5250	Pass	
				120	5240.020	5150 to 5250	Pass	
				138	5240.060	5150 to 5250	Pass	
			-30	120	5239.980	5150 to 5250	Pass	
			-20	120	5240.040	5150 to 5250	Pass	
			-10	120	5240.020	5150 to 5250	Pass	
			0	120	5240.060	5150 to 5250	Pass	
			10	120	5240.000	5150 to 5250	Pass	
			30	120	5240.020	5150 to 5250	Pass	
			40	120	5240.040	5150 to 5250	Pass	
		50	120	5240.000	5150 to 5250	Pass		
		5260	20	102	5260.020	5250 to 5350	Pass	
				120	5260.020	5250 to 5350	Pass	
				138	5259.960	5250 to 5350	Pass	
			-30	120	5260.000	5250 to 5350	Pass	
			-20	120	5259.980	5250 to 5350	Pass	
			-10	120	5259.960	5250 to 5350	Pass	
			0	120	5259.980	5250 to 5350	Pass	
			10	120	5259.980	5250 to 5350	Pass	
			30	120	5260.020	5250 to 5350	Pass	
			40	120	5260.000	5250 to 5350	Pass	
		50	120	5259.980	5250 to 5350	Pass		
		5300	20	102	5300.060	5250 to 5350	Pass	
				120	5300.000	5250 to 5350	Pass	
				138	5300.020	5250 to 5350	Pass	
			-30	120	5300.040	5250 to 5350	Pass	
			-20	120	5299.980	5250 to 5350	Pass	
			-10	120	5300.040	5250 to 5350	Pass	
			0	120	5300.020	5250 to 5350	Pass	
			10	120	5300.020	5250 to 5350	Pass	
			30	120	5300.000	5250 to 5350	Pass	
			40	120	5300.040	5250 to 5350	Pass	
		50	120	5300.020	5250 to 5350	Pass		
		5320	20	102	5319.980	5250 to 5350	Pass	
				120	5320.020	5250 to 5350	Pass	
				138	5320.020	5250 to 5350	Pass	
			-30	120	5320.000	5250 to 5350	Pass	
			-20	120	5320.000	5250 to 5350	Pass	
			-10	120	5319.980	5250 to 5350	Pass	
			0	120	5320.020	5250 to 5350	Pass	
			10	120	5320.000	5250 to 5350	Pass	
		30	120	5320.000	5250 to 5350	Pass		



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 402 of 410

			40	120	5320.020	5250 to 5350	Pass
			50	120	5319.980	5250 to 5350	Pass
		5500	20	102	5500.020	5470 to 5725	Pass
				120	5500.020	5470 to 5725	Pass
				138	5500.060	5470 to 5725	Pass
			-30	120	5500.020	5470 to 5725	Pass
			-20	120	5500.020	5470 to 5725	Pass
			-10	120	5500.080	5470 to 5725	Pass
			0	120	5500.040	5470 to 5725	Pass
			10	120	5500.040	5470 to 5725	Pass
			30	120	5500.020	5470 to 5725	Pass
			40	120	5500.040	5470 to 5725	Pass
			50	120	5500.000	5470 to 5725	Pass
		5580	20	102	5580.040	5470 to 5725	Pass
				120	5580.020	5470 to 5725	Pass
				138	5580.020	5470 to 5725	Pass
			-30	120	5579.980	5470 to 5725	Pass
			-20	120	5580.080	5470 to 5725	Pass
			-10	120	5580.000	5470 to 5725	Pass
			0	120	5580.000	5470 to 5725	Pass
			10	120	5580.020	5470 to 5725	Pass
			30	120	5580.020	5470 to 5725	Pass
			40	120	5580.020	5470 to 5725	Pass
			50	120	5580.020	5470 to 5725	Pass
		5700	20	102	5699.980	5470 to 5725	Pass
				120	5700.020	5470 to 5725	Pass
				138	5700.000	5470 to 5725	Pass
			-30	120	5699.980	5470 to 5725	Pass
			-20	120	5700.000	5470 to 5725	Pass
			-10	120	5700.020	5470 to 5725	Pass
			0	120	5700.000	5470 to 5725	Pass
			10	120	5700.000	5470 to 5725	Pass
			30	120	5699.980	5470 to 5725	Pass
			40	120	5700.000	5470 to 5725	Pass
			50	120	5700.000	5470 to 5725	Pass
		5745	20	102	5744.980	5725 to 5850	Pass
				120	5744.980	5725 to 5850	Pass
				138	5744.940	5725 to 5850	Pass
			-30	120	5745.000	5725 to 5850	Pass
			-20	120	5744.980	5725 to 5850	Pass
			-10	120	5744.980	5725 to 5850	Pass
			0	120	5744.940	5725 to 5850	Pass
			10	120	5745.000	5725 to 5850	Pass
			30	120	5744.980	5725 to 5850	Pass
			40	120	5744.960	5725 to 5850	Pass
			50	120	5744.980	5725 to 5850	Pass
		5785	20	102	5784.980	5725 to 5850	Pass
				120	5784.920	5725 to 5850	Pass
				138	5784.920	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.940	5725 to 5850	Pass
			-10	120	5784.920	5725 to 5850	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 403 of 410

			0	120	5784.920	5725 to 5850	Pass
			10	120	5784.940	5725 to 5850	Pass
			30	120	5784.940	5725 to 5850	Pass
			40	120	5784.980	5725 to 5850	Pass
			50	120	5784.920	5725 to 5850	Pass
		5825	20	102	5824.960	5725 to 5850	Pass
				120	5824.960	5725 to 5850	Pass
				138	5824.960	5725 to 5850	Pass
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5824.960	5725 to 5850	Pass
			0	120	5824.960	5725 to 5850	Pass
			10	120	5824.980	5725 to 5850	Pass
			30	120	5824.940	5725 to 5850	Pass
			40	120	5824.980	5725 to 5850	Pass
			50	120	5824.960	5725 to 5850	Pass
802.11n (HT40)	SISO	5190	20	102	5190.120	5150 to 5250	Pass
				120	5190.120	5150 to 5250	Pass
				138	5190.080	5150 to 5250	Pass
			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.040	5150 to 5250	Pass
			-10	120	5190.120	5150 to 5250	Pass
			0	120	5190.040	5150 to 5250	Pass
			10	120	5190.000	5150 to 5250	Pass
			30	120	5190.040	5150 to 5250	Pass
			40	120	5190.040	5150 to 5250	Pass
			50	120	5190.000	5150 to 5250	Pass
		5230	20	102	5230.120	5150 to 5250	Pass
				120	5230.200	5150 to 5250	Pass
				138	5230.160	5150 to 5250	Pass
			-30	120	5230.120	5150 to 5250	Pass
			-20	120	5230.120	5150 to 5250	Pass
			-10	120	5230.160	5150 to 5250	Pass
			0	120	5230.200	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.120	5150 to 5250	Pass
			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.120	5150 to 5250	Pass
		5270	20	102	5270.120	5250 to 5350	Pass
				120	5270.080	5250 to 5350	Pass
				138	5270.080	5250 to 5350	Pass
			-30	120	5270.080	5250 to 5350	Pass
			-20	120	5270.000	5250 to 5350	Pass
			-10	120	5270.080	5250 to 5350	Pass
			0	120	5270.080	5250 to 5350	Pass
			10	120	5270.080	5250 to 5350	Pass
			30	120	5270.080	5250 to 5350	Pass
			40	120	5270.160	5250 to 5350	Pass
			50	120	5270.080	5250 to 5350	Pass
		5310	20	102	5310.080	5250 to 5350	Pass
				120	5310.120	5250 to 5350	Pass
				138	5310.120	5250 to 5350	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 404 of 410

			-30	120	5310.040	5250 to 5350	Pass
			-20	120	5310.080	5250 to 5350	Pass
			-10	120	5310.040	5250 to 5350	Pass
			0	120	5310.120	5250 to 5350	Pass
			10	120	5310.080	5250 to 5350	Pass
			30	120	5310.040	5250 to 5350	Pass
			40	120	5310.120	5250 to 5350	Pass
			50	120	5310.080	5250 to 5350	Pass
		5510	20	102	5510.080	5470 to 5725	Pass
				120	5510.080	5470 to 5725	Pass
				138	5510.160	5470 to 5725	Pass
			-30	120	5510.120	5470 to 5725	Pass
			-20	120	5510.160	5470 to 5725	Pass
			-10	120	5510.080	5470 to 5725	Pass
			0	120	5510.120	5470 to 5725	Pass
			10	120	5510.160	5470 to 5725	Pass
			30	120	5510.040	5470 to 5725	Pass
			40	120	5510.160	5470 to 5725	Pass
			50	120	5510.120	5470 to 5725	Pass
		5550	20	102	5550.160	5470 to 5725	Pass
				120	5550.240	5470 to 5725	Pass
				138	5550.200	5470 to 5725	Pass
			-30	120	5550.240	5470 to 5725	Pass
			-20	120	5550.040	5470 to 5725	Pass
			-10	120	5550.200	5470 to 5725	Pass
			0	120	5550.160	5470 to 5725	Pass
			10	120	5550.120	5470 to 5725	Pass
			30	120	5550.240	5470 to 5725	Pass
			40	120	5550.160	5470 to 5725	Pass
			50	120	5550.120	5470 to 5725	Pass
		5670	20	102	5670.120	5470 to 5725	Pass
				120	5670.080	5470 to 5725	Pass
				138	5670.040	5470 to 5725	Pass
			-30	120	5670.080	5470 to 5725	Pass
			-20	120	5670.080	5470 to 5725	Pass
			-10	120	5670.080	5470 to 5725	Pass
			0	120	5670.040	5470 to 5725	Pass
			10	120	5670.160	5470 to 5725	Pass
			30	120	5670.080	5470 to 5725	Pass
			40	120	5670.080	5470 to 5725	Pass
			50	120	5670.080	5470 to 5725	Pass
		5755	20	102	5755.040	5725 to 5850	Pass
				120	5755.120	5725 to 5850	Pass
				138	5755.120	5725 to 5850	Pass
			-30	120	5755.040	5725 to 5850	Pass
			-20	120	5755.080	5725 to 5850	Pass
			-10	120	5755.120	5725 to 5850	Pass
			0	120	5755.080	5725 to 5850	Pass
			10	120	5755.040	5725 to 5850	Pass
			30	120	5755.000	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.080	5725 to 5850	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 405 of 410

		5795	20	102	5795.000	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				138	5795.040	5725 to 5850	Pass
			-30	120	5795.000	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5794.960	5725 to 5850	Pass
			0	120	5795.040	5725 to 5850	Pass
			10	120	5795.000	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
			40	120	5795.040	5725 to 5850	Pass
			50	120	5795.040	5725 to 5850	Pass
802.11ac (VHT20)	SISO	5180	20	102	5180.000	5150 to 5250	Pass
				120	5180.000	5150 to 5250	Pass
				138	5180.000	5150 to 5250	Pass
			-30	120	5180.020	5150 to 5250	Pass
			-20	120	5180.020	5150 to 5250	Pass
			-10	120	5180.040	5150 to 5250	Pass
			0	120	5180.020	5150 to 5250	Pass
			10	120	5180.040	5150 to 5250	Pass
			30	120	5180.020	5150 to 5250	Pass
			40	120	5180.040	5150 to 5250	Pass
			50	120	5180.000	5150 to 5250	Pass
		5200	20	102	5200.020	5150 to 5250	Pass
				120	5200.020	5150 to 5250	Pass
				138	5200.020	5150 to 5250	Pass
			-30	120	5200.020	5150 to 5250	Pass
			-20	120	5200.040	5150 to 5250	Pass
			-10	120	5200.060	5150 to 5250	Pass
			0	120	5200.020	5150 to 5250	Pass
			10	120	5200.040	5150 to 5250	Pass
			30	120	5200.000	5150 to 5250	Pass
			40	120	5200.020	5150 to 5250	Pass
			50	120	5200.040	5150 to 5250	Pass
		5240	20	102	5240.020	5150 to 5250	Pass
				120	5240.020	5150 to 5250	Pass
				138	5240.060	5150 to 5250	Pass
			-30	120	5240.040	5150 to 5250	Pass
			-20	120	5240.040	5150 to 5250	Pass
			-10	120	5240.060	5150 to 5250	Pass
			0	120	5240.040	5150 to 5250	Pass
			10	120	5240.020	5150 to 5250	Pass
			30	120	5240.040	5150 to 5250	Pass
			40	120	5240.020	5150 to 5250	Pass
			50	120	5240.060	5150 to 5250	Pass
		5260	20	102	5260.020	5250 to 5350	Pass
				120	5260.000	5250 to 5350	Pass
				138	5260.000	5250 to 5350	Pass
			-30	120	5260.000	5250 to 5350	Pass
			-20	120	5260.020	5250 to 5350	Pass
			-10	120	5260.000	5250 to 5350	Pass
			0	120	5260.000	5250 to 5350	Pass
			10	120	5260.040	5250 to 5350	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 406 of 410

			30	120	5260.020	5250 to 5350	Pass
			40	120	5260.020	5250 to 5350	Pass
			50	120	5259.980	5250 to 5350	Pass
		5300	20	102	5300.020	5250 to 5350	Pass
				120	5300.040	5250 to 5350	Pass
				138	5300.040	5250 to 5350	Pass
			-30	120	5300.040	5250 to 5350	Pass
			-20	120	5300.040	5250 to 5350	Pass
			-10	120	5300.040	5250 to 5350	Pass
			0	120	5300.040	5250 to 5350	Pass
			10	120	5300.020	5250 to 5350	Pass
			30	120	5300.020	5250 to 5350	Pass
			40	120	5300.020	5250 to 5350	Pass
			50	120	5300.040	5250 to 5350	Pass
		5320	20	102	5320.020	5250 to 5350	Pass
				120	5320.080	5250 to 5350	Pass
				138	5320.000	5250 to 5350	Pass
			-30	120	5320.000	5250 to 5350	Pass
			-20	120	5320.020	5250 to 5350	Pass
			-10	120	5320.040	5250 to 5350	Pass
			0	120	5320.020	5250 to 5350	Pass
			10	120	5320.020	5250 to 5350	Pass
			30	120	5320.040	5250 to 5350	Pass
			40	120	5319.980	5250 to 5350	Pass
			50	120	5320.020	5250 to 5350	Pass
		5500	20	102	5500.060	5470 to 5725	Pass
				120	5500.060	5470 to 5725	Pass
				138	5500.080	5470 to 5725	Pass
			-30	120	5500.040	5470 to 5725	Pass
			-20	120	5500.020	5470 to 5725	Pass
			-10	120	5500.040	5470 to 5725	Pass
			0	120	5500.020	5470 to 5725	Pass
			10	120	5500.020	5470 to 5725	Pass
			30	120	5500.040	5470 to 5725	Pass
			40	120	5500.040	5470 to 5725	Pass
			50	120	5500.040	5470 to 5725	Pass
		5580	20	102	5580.060	5470 to 5725	Pass
				120	5580.040	5470 to 5725	Pass
				138	5580.040	5470 to 5725	Pass
			-30	120	5580.040	5470 to 5725	Pass
			-20	120	5580.060	5470 to 5725	Pass
			-10	120	5580.000	5470 to 5725	Pass
			0	120	5580.020	5470 to 5725	Pass
			10	120	5580.020	5470 to 5725	Pass
			30	120	5580.060	5470 to 5725	Pass
			40	120	5580.020	5470 to 5725	Pass
			50	120	5580.060	5470 to 5725	Pass
		5700	20	102	5700.000	5470 to 5725	Pass
				120	5699.940	5470 to 5725	Pass
				138	5700.020	5470 to 5725	Pass
			-30	120	5699.960	5470 to 5725	Pass
			-20	120	5699.980	5470 to 5725	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 407 of 410

			-10	120	5700.040	5470 to 5725	Pass
			0	120	5700.020	5470 to 5725	Pass
			10	120	5700.040	5470 to 5725	Pass
			30	120	5700.000	5470 to 5725	Pass
			40	120	5700.020	5470 to 5725	Pass
			50	120	5700.000	5470 to 5725	Pass
		5745	20	102	5744.980	5725 to 5850	Pass
				120	5745.020	5725 to 5850	Pass
				138	5745.000	5725 to 5850	Pass
			-30	120	5744.980	5725 to 5850	Pass
			-20	120	5745.020	5725 to 5850	Pass
			-10	120	5745.040	5725 to 5850	Pass
			0	120	5745.040	5725 to 5850	Pass
			10	120	5745.040	5725 to 5850	Pass
			30	120	5745.020	5725 to 5850	Pass
			40	120	5744.960	5725 to 5850	Pass
			50	120	5745.000	5725 to 5850	Pass
		5785	20	102	5784.960	5725 to 5850	Pass
				120	5784.940	5725 to 5850	Pass
				138	5785.000	5725 to 5850	Pass
			-30	120	5784.940	5725 to 5850	Pass
			-20	120	5784.940	5725 to 5850	Pass
			-10	120	5784.960	5725 to 5850	Pass
			0	120	5784.920	5725 to 5850	Pass
			10	120	5784.940	5725 to 5850	Pass
			30	120	5784.980	5725 to 5850	Pass
			40	120	5784.960	5725 to 5850	Pass
			50	120	5785.020	5725 to 5850	Pass
		5825	20	102	5824.960	5725 to 5850	Pass
				120	5824.940	5725 to 5850	Pass
				138	5824.980	5725 to 5850	Pass
			-30	120	5824.960	5725 to 5850	Pass
			-20	120	5824.960	5725 to 5850	Pass
			-10	120	5825.000	5725 to 5850	Pass
			0	120	5825.000	5725 to 5850	Pass
			10	120	5824.960	5725 to 5850	Pass
			30	120	5825.000	5725 to 5850	Pass
			40	120	5824.920	5725 to 5850	Pass
			50	120	5824.980	5725 to 5850	Pass
802.11ac (VHT40)	SISO	5190	20	102	5190.040	5150 to 5250	Pass
				120	5190.160	5150 to 5250	Pass
				138	5190.040	5150 to 5250	Pass
			-30	120	5190.080	5150 to 5250	Pass
			-20	120	5190.080	5150 to 5250	Pass
			-10	120	5190.080	5150 to 5250	Pass
			0	120	5190.040	5150 to 5250	Pass
			10	120	5190.040	5150 to 5250	Pass
			30	120	5190.040	5150 to 5250	Pass
			40	120	5190.080	5150 to 5250	Pass
			50	120	5190.040	5150 to 5250	Pass
		5230	20	102	5230.080	5150 to 5250	Pass
				120	5230.120	5150 to 5250	Pass



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 408 of 410

				138	5230.120	5150 to 5250	Pass
			-30	120	5230.160	5150 to 5250	Pass
			-20	120	5230.160	5150 to 5250	Pass
			-10	120	5230.160	5150 to 5250	Pass
			0	120	5230.160	5150 to 5250	Pass
			10	120	5230.120	5150 to 5250	Pass
			30	120	5230.160	5150 to 5250	Pass
			40	120	5230.120	5150 to 5250	Pass
			50	120	5230.080	5150 to 5250	Pass
		5270	20	102	5270.120	5250 to 5350	Pass
				120	5270.120	5250 to 5350	Pass
				138	5270.080	5250 to 5350	Pass
			-30	120	5270.040	5250 to 5350	Pass
			-20	120	5270.080	5250 to 5350	Pass
			-10	120	5270.080	5250 to 5350	Pass
			0	120	5270.120	5250 to 5350	Pass
			10	120	5270.080	5250 to 5350	Pass
			30	120	5270.080	5250 to 5350	Pass
			40	120	5270.040	5250 to 5350	Pass
			50	120	5270.120	5250 to 5350	Pass
		5310	20	102	5310.040	5250 to 5350	Pass
				120	5310.040	5250 to 5350	Pass
				138	5310.120	5250 to 5350	Pass
			-30	120	5310.120	5250 to 5350	Pass
			-20	120	5310.080	5250 to 5350	Pass
			-10	120	5310.120	5250 to 5350	Pass
			0	120	5310.160	5250 to 5350	Pass
			10	120	5310.120	5250 to 5350	Pass
			30	120	5310.080	5250 to 5350	Pass
			40	120	5310.040	5250 to 5350	Pass
			50	120	5310.080	5250 to 5350	Pass
		5510	20	102	5510.120	5470 to 5725	Pass
				120	5510.040	5470 to 5725	Pass
				138	5510.080	5470 to 5725	Pass
			-30	120	5510.120	5470 to 5725	Pass
			-20	120	5510.160	5470 to 5725	Pass
			-10	120	5510.080	5470 to 5725	Pass
			0	120	5510.160	5470 to 5725	Pass
			10	120	5510.160	5470 to 5725	Pass
			30	120	5510.160	5470 to 5725	Pass
			40	120	5510.040	5470 to 5725	Pass
			50	120	5510.160	5470 to 5725	Pass
		5550	20	102	5550.160	5470 to 5725	Pass
				120	5550.200	5470 to 5725	Pass
				138	5550.200	5470 to 5725	Pass
			-30	120	5550.160	5470 to 5725	Pass
			-20	120	5550.200	5470 to 5725	Pass
			-10	120	5550.200	5470 to 5725	Pass
			0	120	5550.160	5470 to 5725	Pass
			10	120	5550.160	5470 to 5725	Pass
			30	120	5550.200	5470 to 5725	Pass
			40	120	5550.120	5470 to 5725	Pass

Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 409 of 410

		5670	50	120	5550.200	5470 to 5725	Pass
			20	102	5670.040	5470 to 5725	Pass
				120	5670.120	5470 to 5725	Pass
				138	5670.120	5470 to 5725	Pass
			-30	120	5670.160	5470 to 5725	Pass
			-20	120	5670.000	5470 to 5725	Pass
			-10	120	5670.200	5470 to 5725	Pass
			0	120	5670.000	5470 to 5725	Pass
			10	120	5670.080	5470 to 5725	Pass
			30	120	5670.160	5470 to 5725	Pass
			40	120	5670.040	5470 to 5725	Pass
			50	120	5670.040	5470 to 5725	Pass
		5755	20	102	5755.080	5725 to 5850	Pass
				120	5755.040	5725 to 5850	Pass
				138	5754.960	5725 to 5850	Pass
			-30	120	5755.040	5725 to 5850	Pass
			-20	120	5754.960	5725 to 5850	Pass
			-10	120	5755.000	5725 to 5850	Pass
			0	120	5755.000	5725 to 5850	Pass
			10	120	5755.000	5725 to 5850	Pass
			30	120	5755.000	5725 to 5850	Pass
			40	120	5755.040	5725 to 5850	Pass
			50	120	5755.040	5725 to 5850	Pass
		5795	20	102	5795.040	5725 to 5850	Pass
				120	5795.000	5725 to 5850	Pass
				138	5794.960	5725 to 5850	Pass
			-30	120	5795.040	5725 to 5850	Pass
			-20	120	5795.000	5725 to 5850	Pass
			-10	120	5795.000	5725 to 5850	Pass
			0	120	5795.000	5725 to 5850	Pass
			10	120	5794.960	5725 to 5850	Pass
			30	120	5795.000	5725 to 5850	Pass
			40	120	5795.000	5725 to 5850	Pass
			50	120	5795.000	5725 to 5850	Pass
802.11ac (VHT80)	SISO	5210	20	102	5210.075	5150 to 5250	Pass
				120	5210.075	5150 to 5250	Pass
				138	5210.075	5150 to 5250	Pass
			-30	120	5210.075	5150 to 5250	Pass
			-20	120	5210.075	5150 to 5250	Pass
			-10	120	5210.075	5150 to 5250	Pass
			0	120	5210.075	5150 to 5250	Pass
			10	120	5210.075	5150 to 5250	Pass
			30	120	5210.075	5150 to 5250	Pass
			40	120	5210.150	5150 to 5250	Pass
			50	120	5210.075	5150 to 5250	Pass
		5290	20	102	5290.075	5250 to 5350	Pass
				120	5290.075	5250 to 5350	Pass
				138	5290.075	5250 to 5350	Pass
			-30	120	5290.075	5250 to 5350	Pass
			-20	120	5290.075	5250 to 5350	Pass
			-10	120	5290.075	5250 to 5350	Pass
			0	120	5290.075	5250 to 5350	Pass



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240200024802

Page: 410 of 410

			10	120	5290.075	5250 to 5350	Pass
			30	120	5290.075	5250 to 5350	Pass
			40	120	5290.075	5250 to 5350	Pass
			50	120	5290.075	5250 to 5350	Pass
		5530	20	102	5530.150	5470 to 5725	Pass
				120	5530.150	5470 to 5725	Pass
				138	5530.225	5470 to 5725	Pass
			-30	120	5530.150	5470 to 5725	Pass
			-20	120	5530.150	5470 to 5725	Pass
			-10	120	5530.150	5470 to 5725	Pass
			0	120	5530.150	5470 to 5725	Pass
			10	120	5530.150	5470 to 5725	Pass
			30	120	5530.150	5470 to 5725	Pass
			40	120	5530.075	5470 to 5725	Pass
			50	120	5530.150	5470 to 5725	Pass
		5610	20	102	5610.075	5470 to 5725	Pass
				120	5610.150	5470 to 5725	Pass
				138	5610.150	5470 to 5725	Pass
			-30	120	5610.075	5470 to 5725	Pass
			-20	120	5610.075	5470 to 5725	Pass
			-10	120	5610.150	5470 to 5725	Pass
			0	120	5610.225	5470 to 5725	Pass
			10	120	5610.150	5470 to 5725	Pass
			30	120	5610.150	5470 to 5725	Pass
			40	120	5610.075	5470 to 5725	Pass
			50	120	5610.150	5470 to 5725	Pass
		5775	20	102	5775.000	5725 to 5850	Pass
				120	5774.925	5725 to 5850	Pass
				138	5775.000	5725 to 5850	Pass
			-30	120	5774.925	5725 to 5850	Pass
			-20	120	5774.925	5725 to 5850	Pass
			-10	120	5774.925	5725 to 5850	Pass
			0	120	5774.925	5725 to 5850	Pass
			10	120	5774.925	5725 to 5850	Pass
			30	120	5774.925	5725 to 5850	Pass
			40	120	5774.925	5725 to 5850	Pass
			50	120	5774.775	5725 to 5850	Pass

- End of the Report -