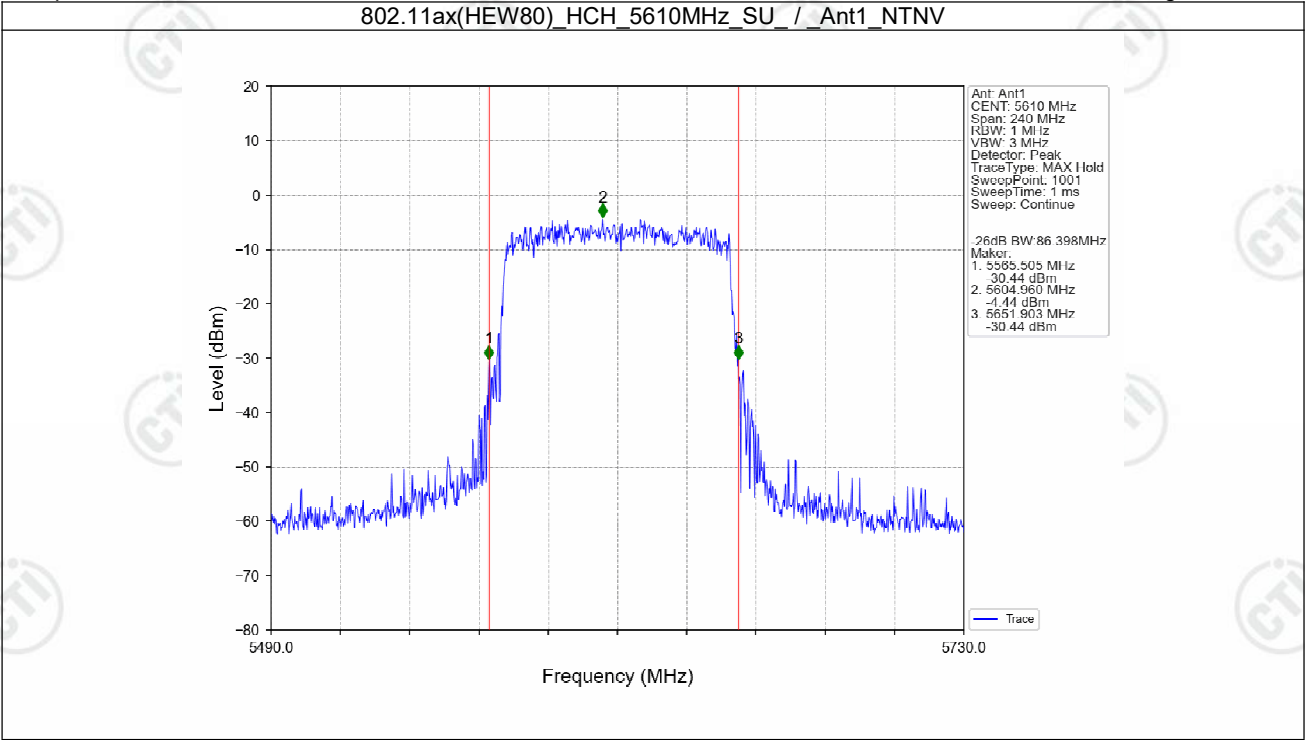




3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)		Verdict
					ANT1	Limit	
802.11a	SISO	5500	/	/	7.39	<=23.98	Pass
		5580	/	/	7.30	<=23.98	Pass
		5700	/	/	6.94	<=23.98	Pass
802.11n (HT20)	SISO	5500	/	/	5.47	<=23.98	Pass
		5580	/	/	5.03	<=23.98	Pass
		5700	/	/	5.39	<=23.98	Pass
802.11n (HT40)	SISO	5510	/	/	4.92	<=23.98	Pass
		5550	/	/	4.83	<=23.98	Pass
		5670	/	/	4.40	<=23.98	Pass
802.11ac (VHT20)	SISO	5500	/	/	5.50	<=23.98	Pass
		5580	/	/	4.96	<=23.98	Pass
		5700	/	/	4.42	<=23.98	Pass
802.11ac (VHT40)	SISO	5510	/	/	4.92	<=23.98	Pass
		5550	/	/	4.83	<=23.98	Pass
		5670	/	/	4.74	<=23.98	Pass
802.11ac (VHT80)	SISO	5530	/	/	5.36	<=23.98	Pass
		5610	/	/	5.64	<=23.98	Pass
802.11ax (HEW20)	SISO	5500	SU	/	5.69	<=23.98	Pass
		5580	SU	/	4.15	<=23.98	Pass
		5700	SU	/	4.58	<=23.98	Pass
802.11ax (HEW40)	SISO	5510	SU	/	5.28	<=23.98	Pass
		5550	SU	/	5.01	<=23.98	Pass
		5670	SU	/	4.80	<=23.98	Pass
802.11ax (HEW80)	SISO	5530	SU	/	5.56	<=23.98	Pass
		5610	SU	/	5.45	<=23.98	Pass

Note1: Antenna Gain: Ant1: 0.77dBi;

4. Maximum Power Spectral Density

4.1 Test Result

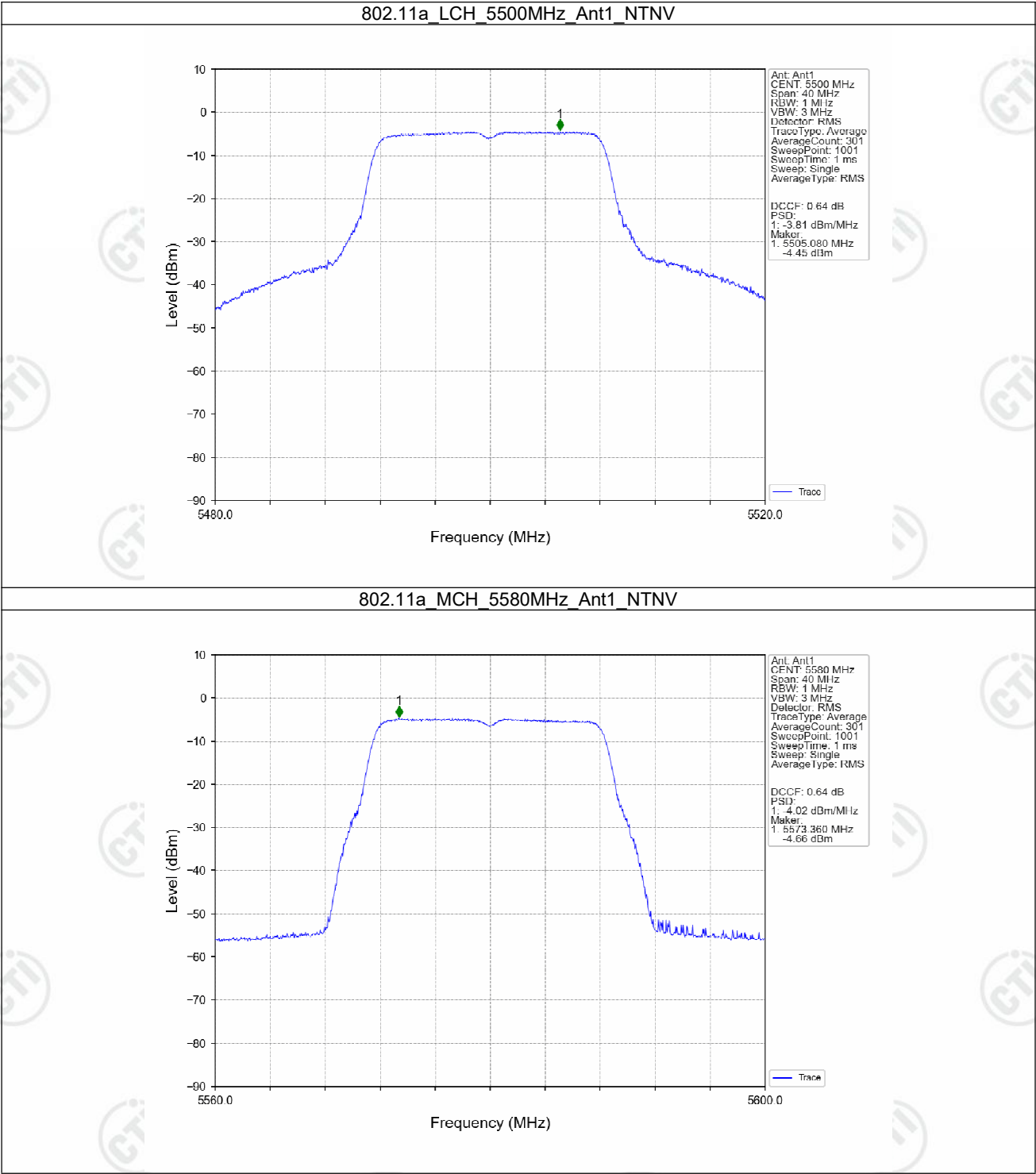
4.1.1 PSD

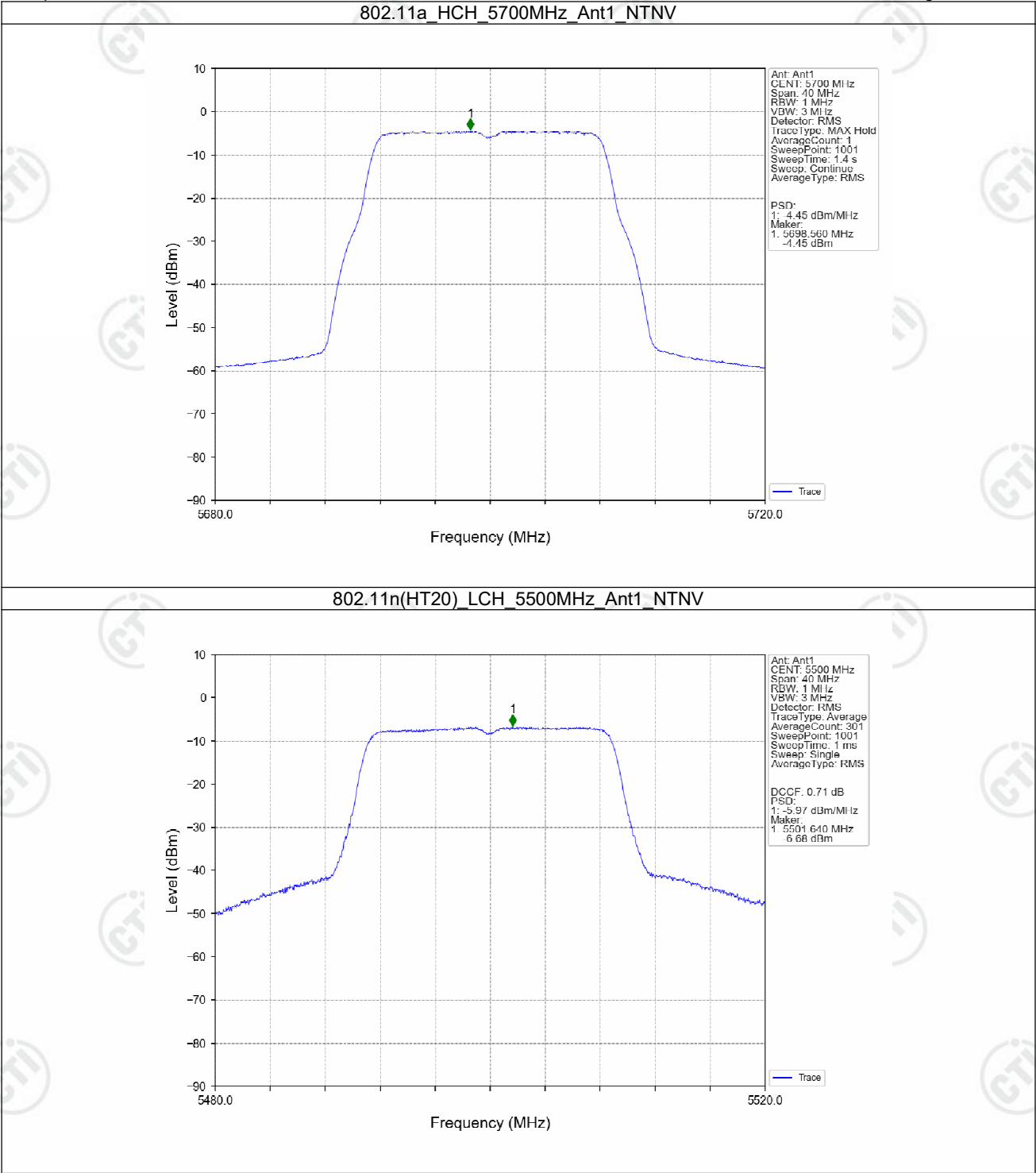
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)		Verdict
					ANT1	Limit	
802.11a	SISO	5500	/	/	-3.81	<=11	Pass
		5580	/	/	-4.02	<=11	Pass
		5700	/	/	-4.45	<=11	Pass
802.11n (HT20)	SISO	5500	/	/	-5.97	<=11	Pass
		5580	/	/	-6.35	<=11	Pass
		5700	/	/	-6.25	<=11	Pass
802.11n (HT40)	SISO	5510	/	/	-9.35	<=11	Pass
		5550	/	/	-9.20	<=11	Pass
		5670	/	/	-9.28	<=11	Pass
802.11ac (VHT20)	SISO	5500	/	/	-5.89	<=11	Pass
		5580	/	/	-4.34	<=11	Pass
		5700	/	/	-7.12	<=11	Pass
802.11ac (VHT40)	SISO	5510	/	/	-9.25	<=11	Pass
		5550	/	/	-9.13	<=11	Pass
		5670	/	/	-8.42	<=11	Pass
802.11ac (VHT80)	SISO	5530	/	/	-11.95	<=11	Pass
		5610	/	/	-12.01	<=11	Pass
802.11ax (HEW20)	SISO	5500	SU	/	-6.06	<=11	Pass
		5580	SU	/	-5.46	<=11	Pass
		5700	SU	/	-7.17	<=11	Pass
802.11ax (HEW40)	SISO	5510	SU	/	-8.92	<=11	Pass
		5550	SU	/	-8.35	<=11	Pass
		5670	SU	/	-8.42	<=11	Pass
802.11ax (HEW80)	SISO	5530	SU	/	-11.55	<=11	Pass
		5610	SU	/	-11.73	<=11	Pass

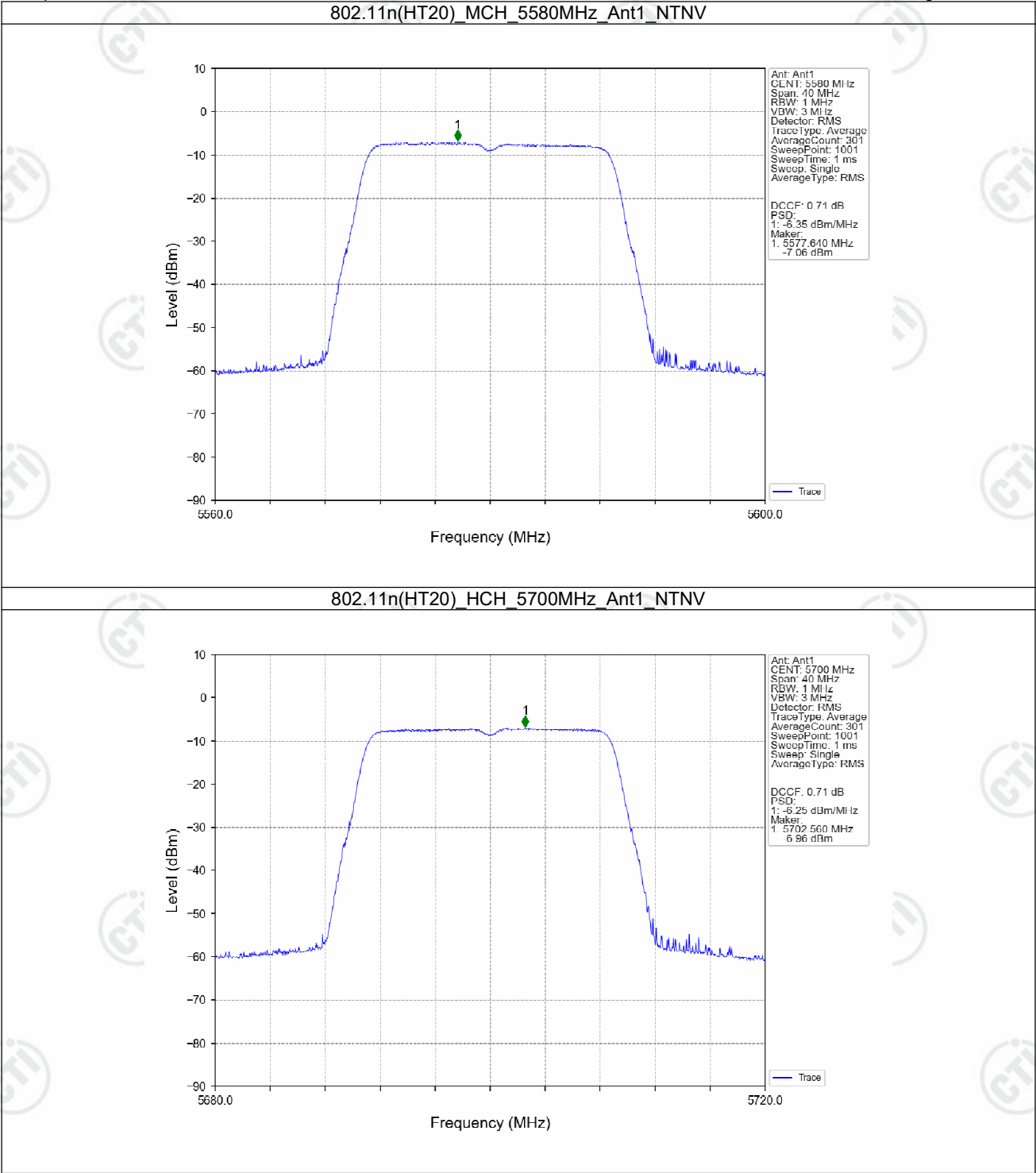
Note1: Antenna Gain: Ant1: 0.77dBi;

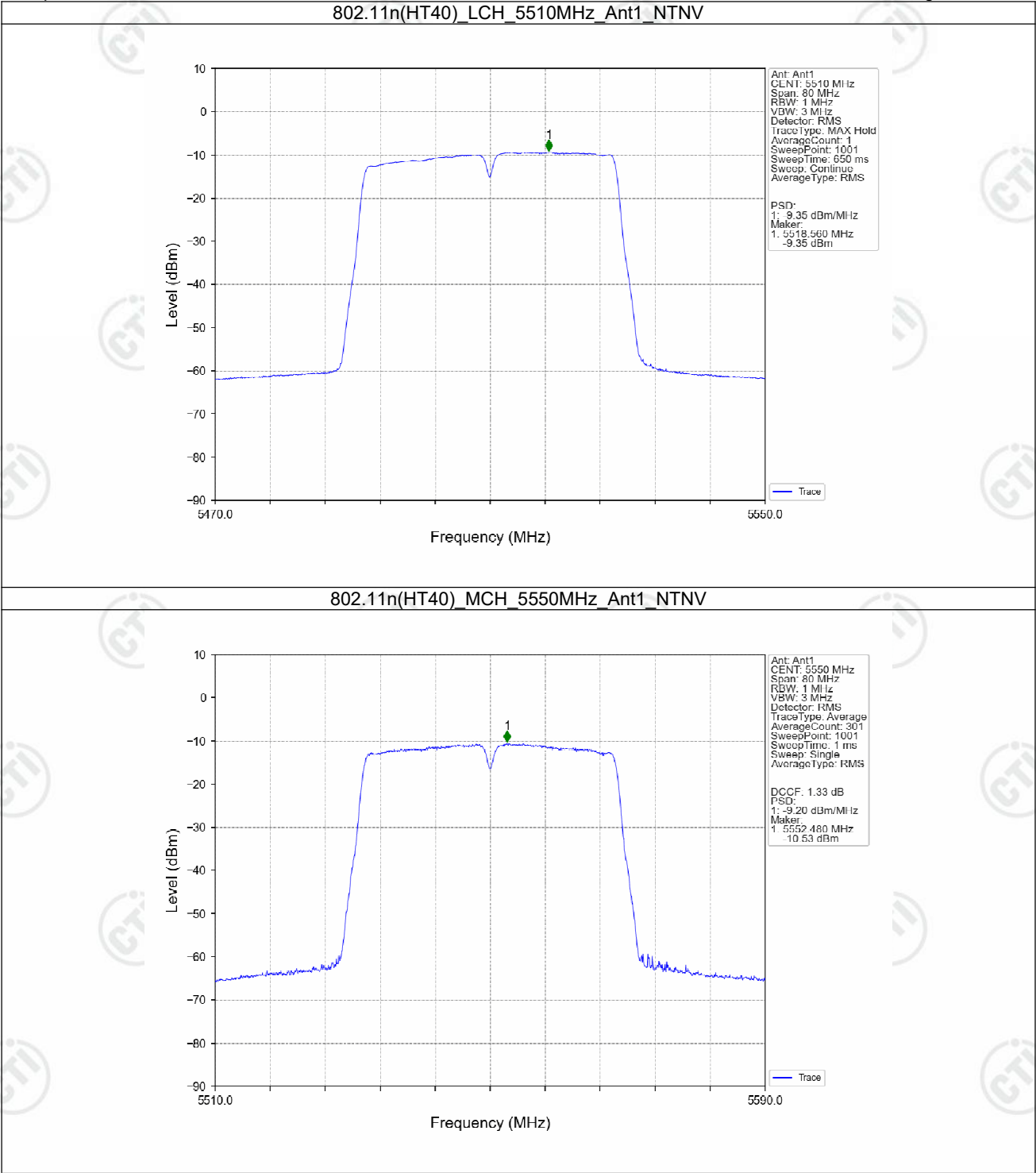
4.2 Test Graph

4.2.1 PSD

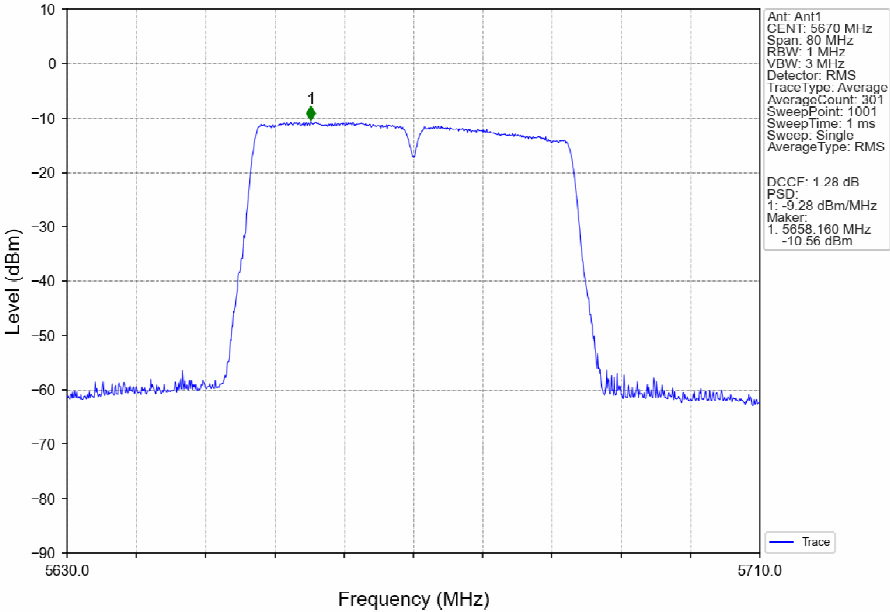




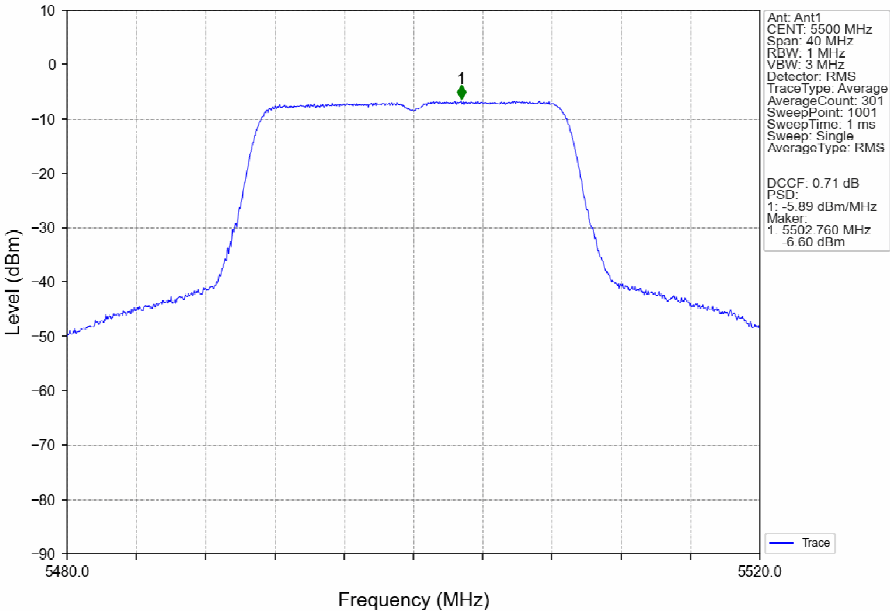




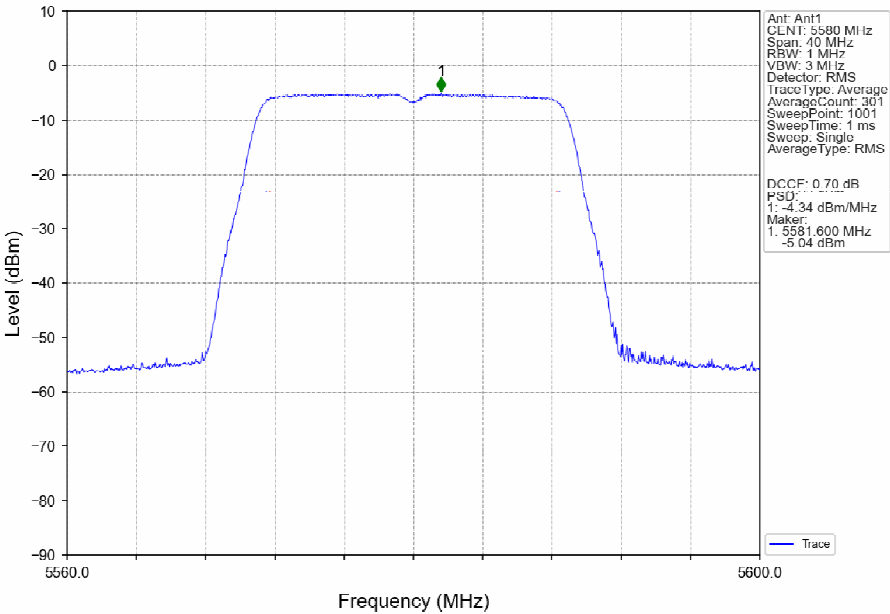
802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



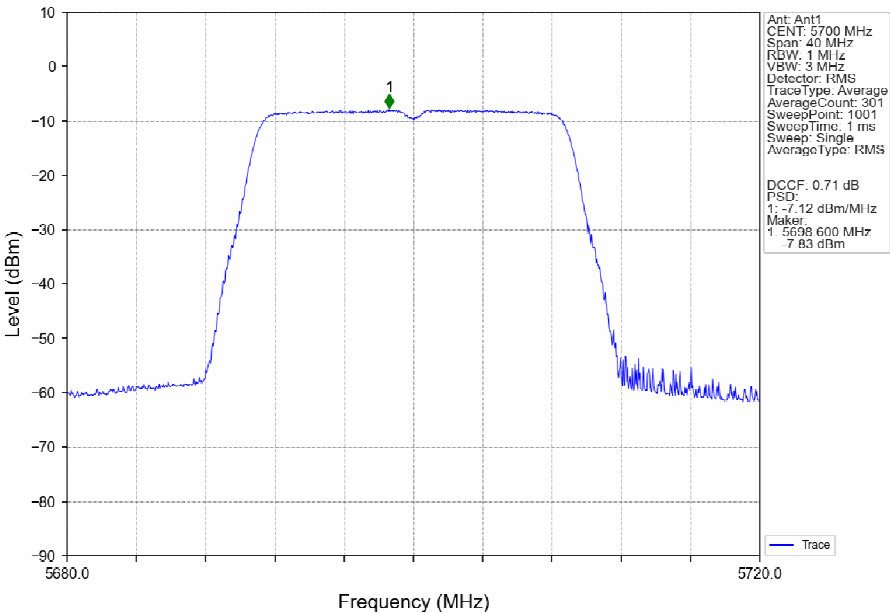
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



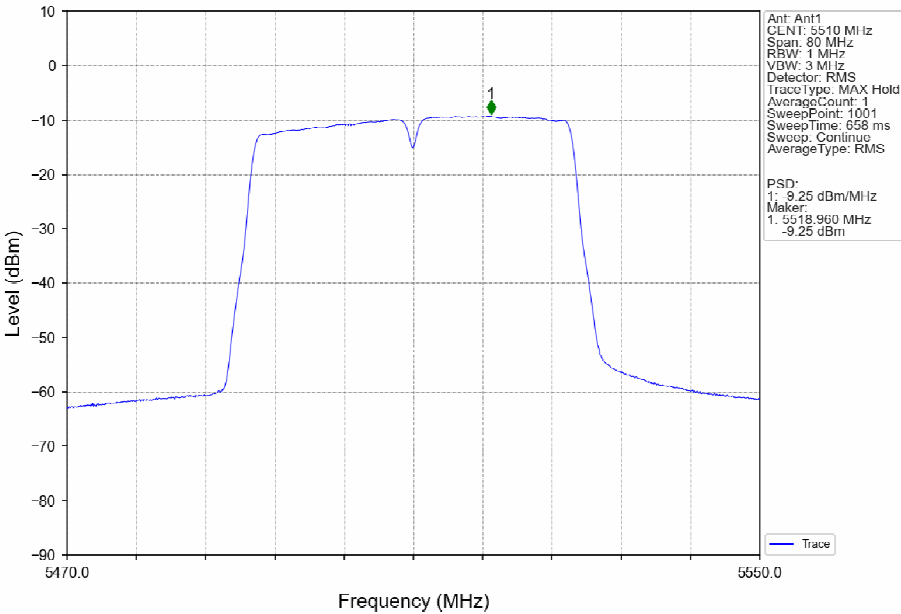
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



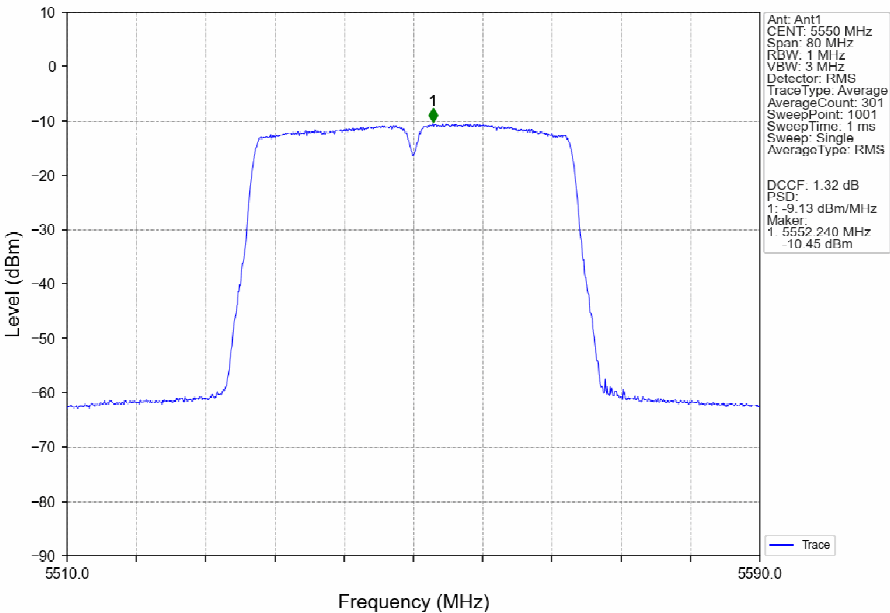
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



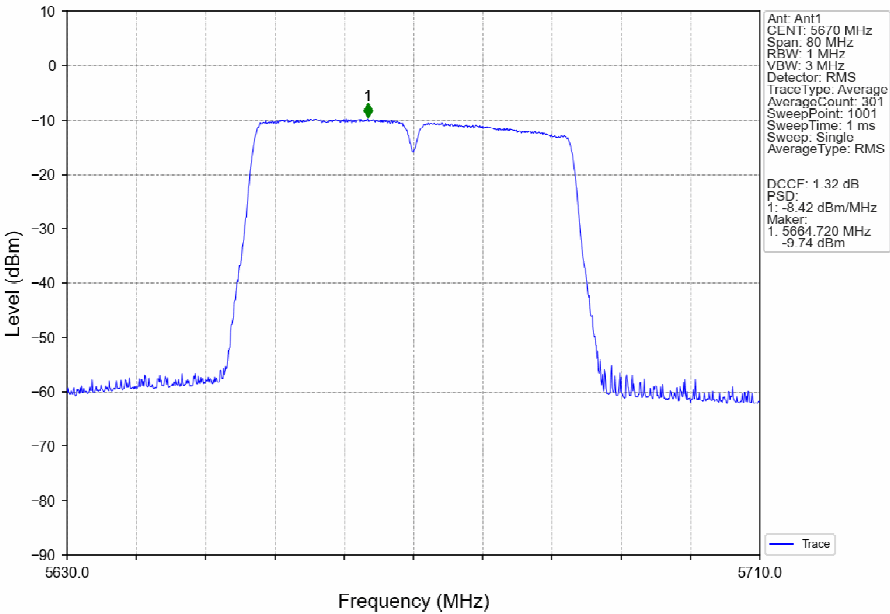
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



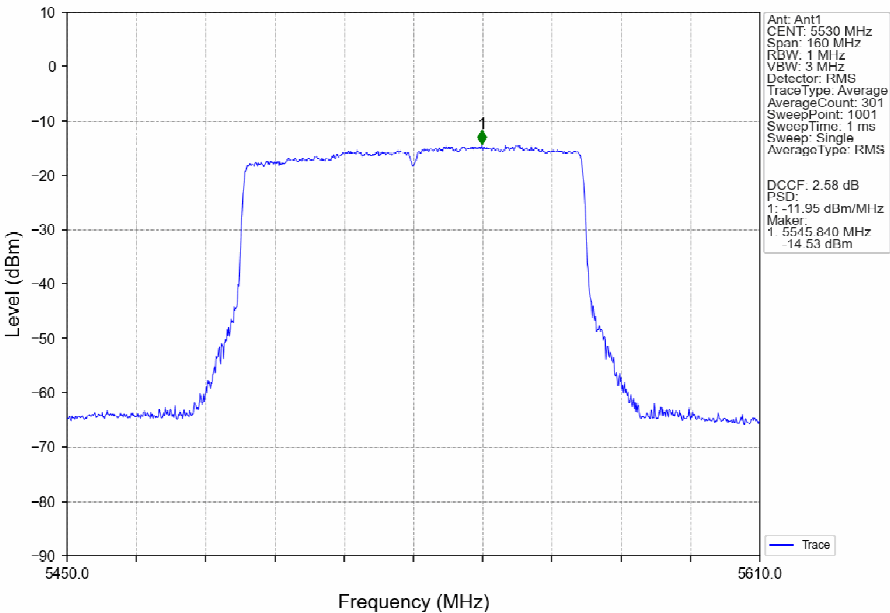
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV

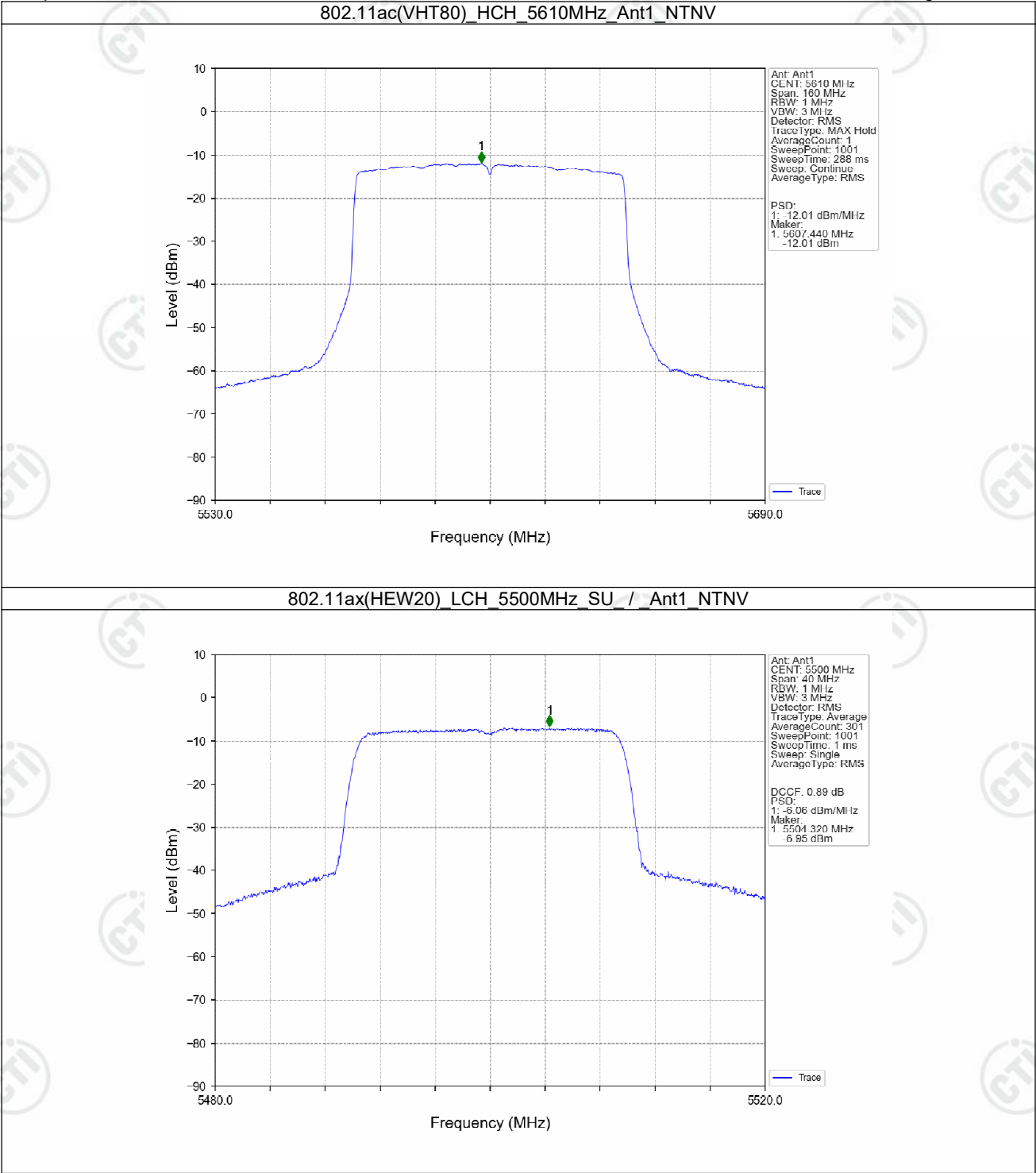


802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV

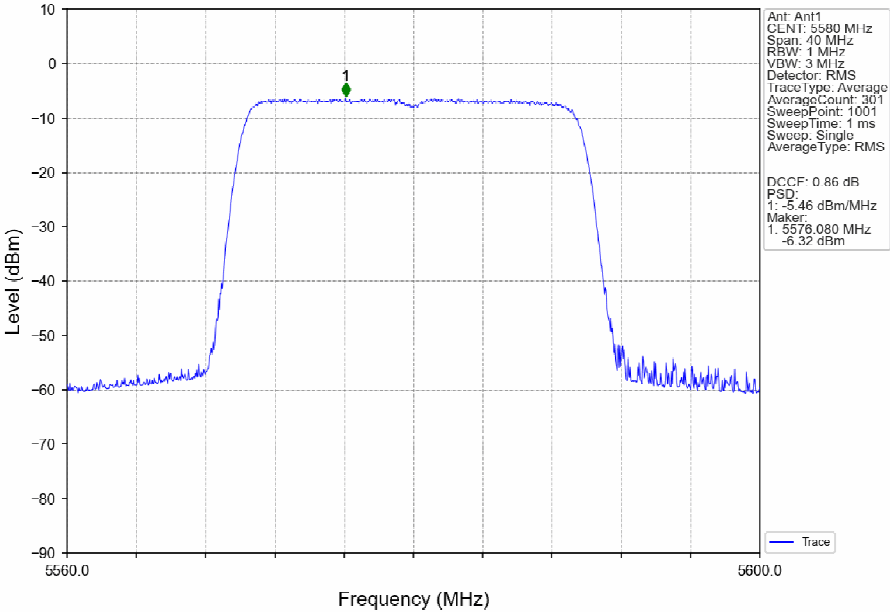


802.11ac(VHT80)_LCH_5530MHz_Ant1_NTNV

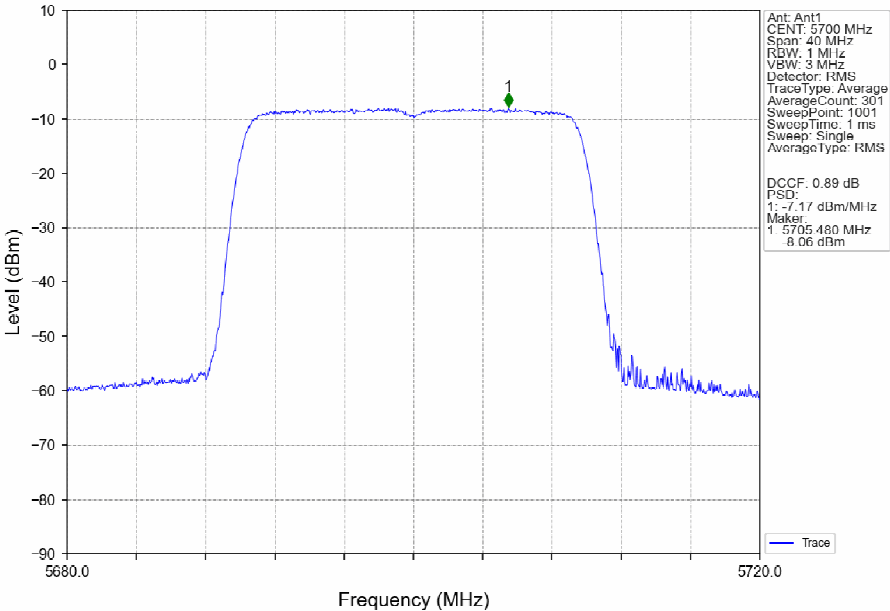




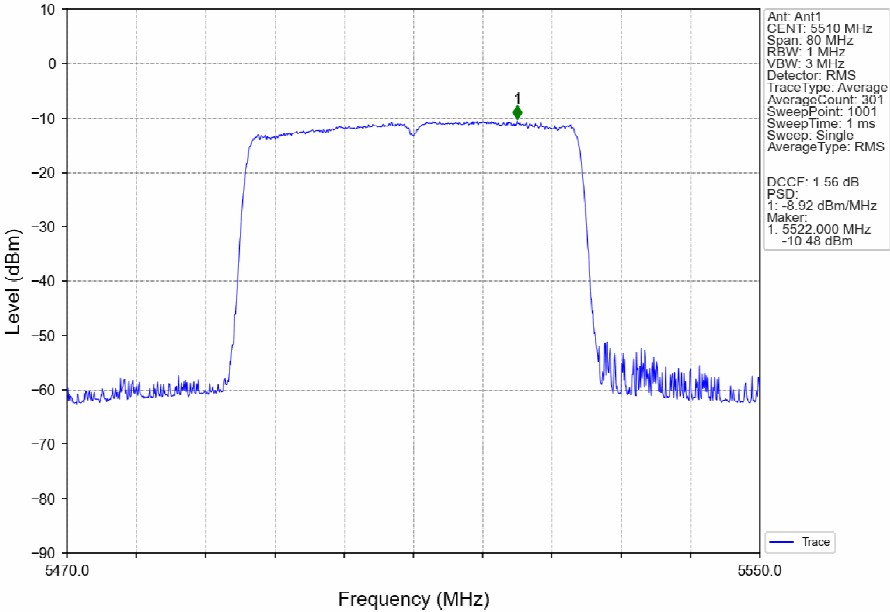
802.11ax(HEW20)_MCH_5580MHz_SU_/_Ant1_NTNV



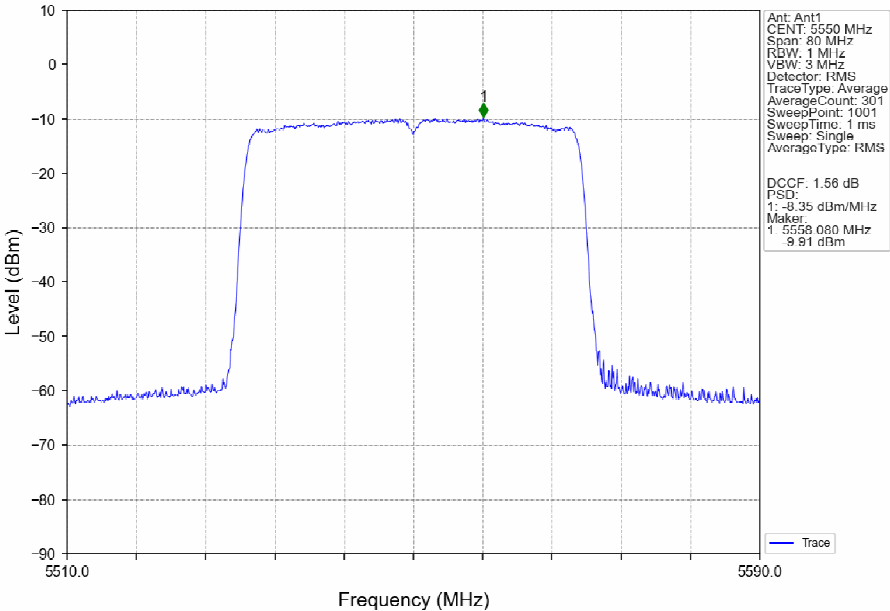
802.11ax(HEW20)_HCH_5700MHz_SU_/_Ant1_NTNV

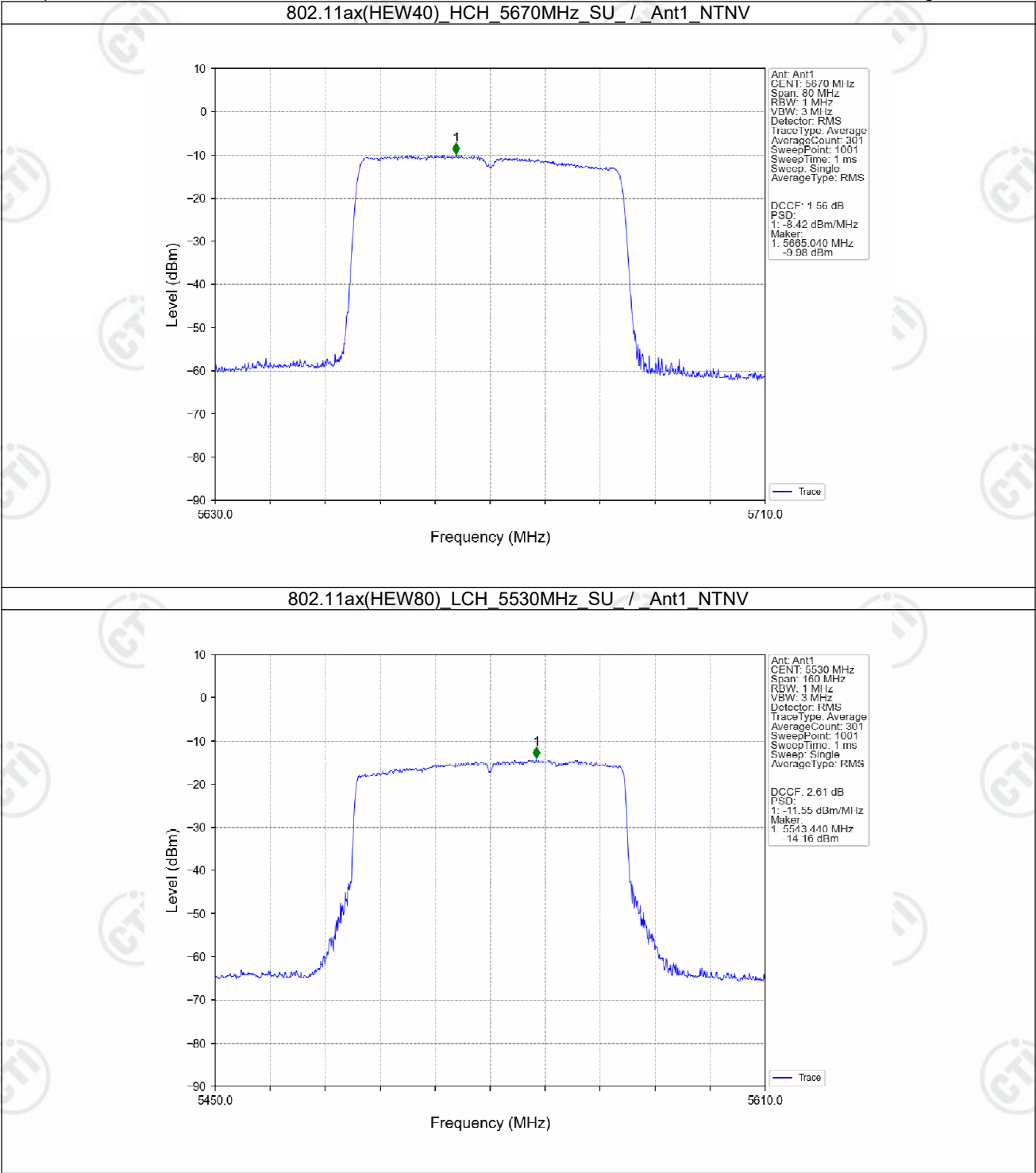


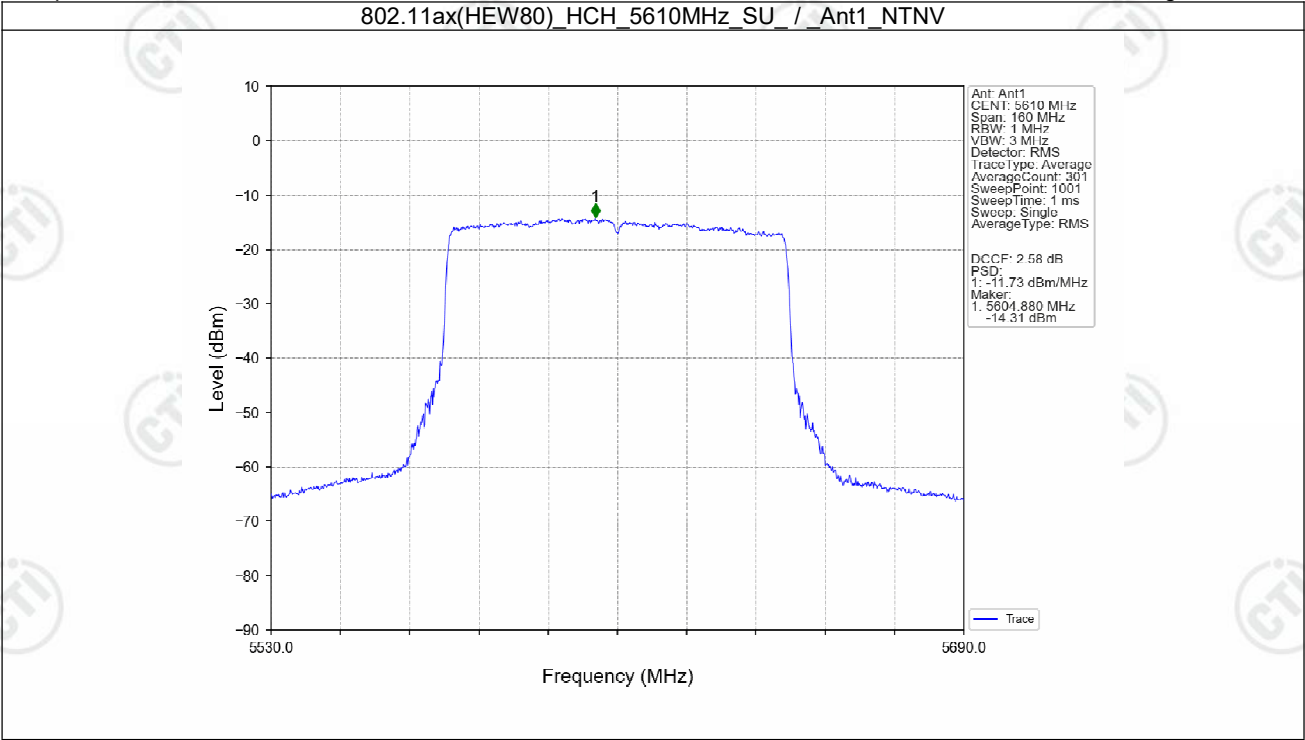
802.11ax(HEW40)_LCH_5510MHz_SU_/_Ant1_NTNV



802.11ax(HEW40)_MCH_5550MHz_SU_/_Ant1_NTNV







5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

TestMode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	LV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	HV	NT	-40000.00	-7.272727	20	PASS
11A	Ant1	5580	NV	NT	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	LV	NT	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	HV	NT	-40000.00	-7.168459	20	PASS
11A	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	LV	NT	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	HV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
11N20SISO	Ant1	5500	LV	NT	-40000.00	-7.272727	20	PASS
11N20SISO	Ant1	5500	HV	NT	-40000.00	-7.272727	20	PASS
11N20SISO	Ant1	5580	NV	NT	-60000.00	-10.752688	20	PASS
11N20SISO	Ant1	5580	LV	NT	-60000.00	-10.752688	20	PASS
11N20SISO	Ant1	5580	HV	NT	-60000.00	-10.752688	20	PASS
11N20SISO	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5700	LV	NT	-60000.00	-10.526316	20	PASS
11N20SISO	Ant1	5700	HV	NT	-60000.00	-10.526316	20	PASS
11N40SISO	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	LV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5510	HV	NT	-40000.00	-7.259528	20	PASS
11N40SISO	Ant1	5550	NV	NT	-40000.00	-7.207207	20	PASS
11N40SISO	Ant1	5550	LV	NT	-40000.00	-7.207207	20	PASS
11N40SISO	Ant1	5550	HV	NT	-40000.00	-7.207207	20	PASS
11N40SISO	Ant1	5670	NV	NT	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	LV	NT	-40000.00	-7.054674	20	PASS
11N40SISO	Ant1	5670	HV	NT	-40000.00	-7.054674	20	PASS
11AC20SISO	Ant1	5500	NV	NT	-40000.00	-7.272727	20	PASS
11AC20SISO	Ant1	5500	LV	NT	-40000.00	-7.272727	20	PASS
11AC20SISO	Ant1	5500	HV	NT	-40000.00	-7.272727	20	PASS
11AC20SISO	Ant1	5580	NV	NT	-60000.00	-10.752688	20	PASS
11AC20SISO	Ant1	5580	LV	NT	-60000.00	-10.752688	20	PASS
11AC20SISO	Ant1	5580	HV	NT	-60000.00	-10.752688	20	PASS
11AC20SISO	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11AC20SISO	Ant1	5700	LV	NT	-60000.00	-10.526316	20	PASS
11AC20SISO	Ant1	5700	HV	NT	-60000.00	-10.526316	20	PASS
11AC40SISO	Ant1	5510	NV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant1	5510	LV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant1	5510	HV	NT	-40000.00	-7.259528	20	PASS
11AC40SISO	Ant1	5550	NV	NT	-40000.00	-7.207207	20	PASS
11AC40SISO	Ant1	5550	LV	NT	-40000.00	-7.207207	20	PASS
11AC40SISO	Ant1	5550	HV	NT	-40000.00	-7.207207	20	PASS
11AC40SISO	Ant1	5670	NV	NT	-40000.00	-7.054674	20	PASS
11AC40SISO	Ant1	5670	LV	NT	-40000.00	-7.054674	20	PASS
11AC40SISO	Ant1	5670	HV	NT	-40000.00	-7.054674	20	PASS

11AC80SISO	Ant1	5530	NV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5530	LV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5530	HV	NT	0.00	0.000000	20	PASS
11AC80SISO	Ant1	5610	NV	NT	-80000.00	-14.260250	20	PASS
11AC80SISO	Ant1	5610	LV	NT	-80000.00	-14.260250	20	PASS
11AC80SISO	Ant1	5610	HV	NT	-80000.00	-14.260250	20	PASS
11AX20SISO	Ant1	5500	NV	NT	-60000.00	-10.909091	20	PASS
11AX20SISO	Ant1	5500	LV	NT	-60000.00	-10.909091	20	PASS
11AX20SISO	Ant1	5500	HV	NT	-60000.00	-10.909091	20	PASS
11AX20SISO	Ant1	5580	NV	NT	-40000.00	-7.168459	20	PASS
11AX20SISO	Ant1	5580	LV	NT	-40000.00	-7.168459	20	PASS
11AX20SISO	Ant1	5580	HV	NT	-40000.00	-7.168459	20	PASS
11AX20SISO	Ant1	5700	NV	NT	-60000.00	-10.526316	20	PASS
11AX20SISO	Ant1	5700	LV	NT	-60000.00	-10.526316	20	PASS
11AX20SISO	Ant1	5700	HV	NT	-60000.00	-10.526316	20	PASS
11AX40SISO	Ant1	5510	NV	NT	-80000.00	-14.519056	20	PASS
11AX40SISO	Ant1	5510	LV	NT	-80000.00	-14.519056	20	PASS
11AX40SISO	Ant1	5510	HV	NT	-80000.00	-14.519056	20	PASS
11AX40SISO	Ant1	5550	NV	NT	-80000.00	-14.414414	20	PASS
11AX40SISO	Ant1	5550	LV	NT	-80000.00	-14.414414	20	PASS
11AX40SISO	Ant1	5550	HV	NT	-80000.00	-14.414414	20	PASS
11AX40SISO	Ant1	5670	NV	NT	-80000.00	-14.109347	20	PASS
11AX40SISO	Ant1	5670	LV	NT	-80000.00	-14.109347	20	PASS
11AX40SISO	Ant1	5670	HV	NT	-80000.00	-14.109347	20	PASS
11AX80SISO	Ant1	5530	NV	NT	-80000.00	-14.466546	20	PASS
11AX80SISO	Ant1	5530	LV	NT	-80000.00	-14.466546	20	PASS
11AX80SISO	Ant1	5530	HV	NT	-80000.00	-14.466546	20	PASS
11AX80SISO	Ant1	5610	NV	NT	-80000.00	-14.260250	20	PASS
11AX80SISO	Ant1	5610	LV	NT	-80000.00	-14.260250	20	PASS
11AX80SISO	Ant1	5610	HV	NT	-80000.00	-14.260250	20	PASS

TestMode	Antenna	Frequency [MHz]	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5500	NV	-30	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	-20	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	-10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	0	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	10	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	20	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	30	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	40	-40000.00	-7.272727	20	PASS
11A	Ant1	5500	NV	50	-40000.00	-7.272727	20	PASS
11A	Ant1	5580	NV	-30	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	-20	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	-10	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	0	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	10	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	20	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	30	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	40	-40000.00	-7.168459	20	PASS
11A	Ant1	5580	NV	50	-40000.00	-7.168459	20	PASS
11A	Ant1	5700	NV	-30	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	-20	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	-10	-60000.00	-10.526316	20	PASS
11A	Ant1	5700	NV	0	-60000.00	-10.526316	20	PASS