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Annex for 5G Wi-Fi BAND 3

Test Report No.: CTL2510271023-WF

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4.1 Test Result.....	18
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1. Bandwidth**1.1 Test Result****1.1.1 OBW**

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	16.611	/	Pass
		5785	1	16.583	/	Pass
		5825	1	16.670	/	Pass
802.11n (HT20)	SISO	5745	1	16.713	/	Pass
		5785	1	16.727	/	Pass
		5825	1	16.748	/	Pass

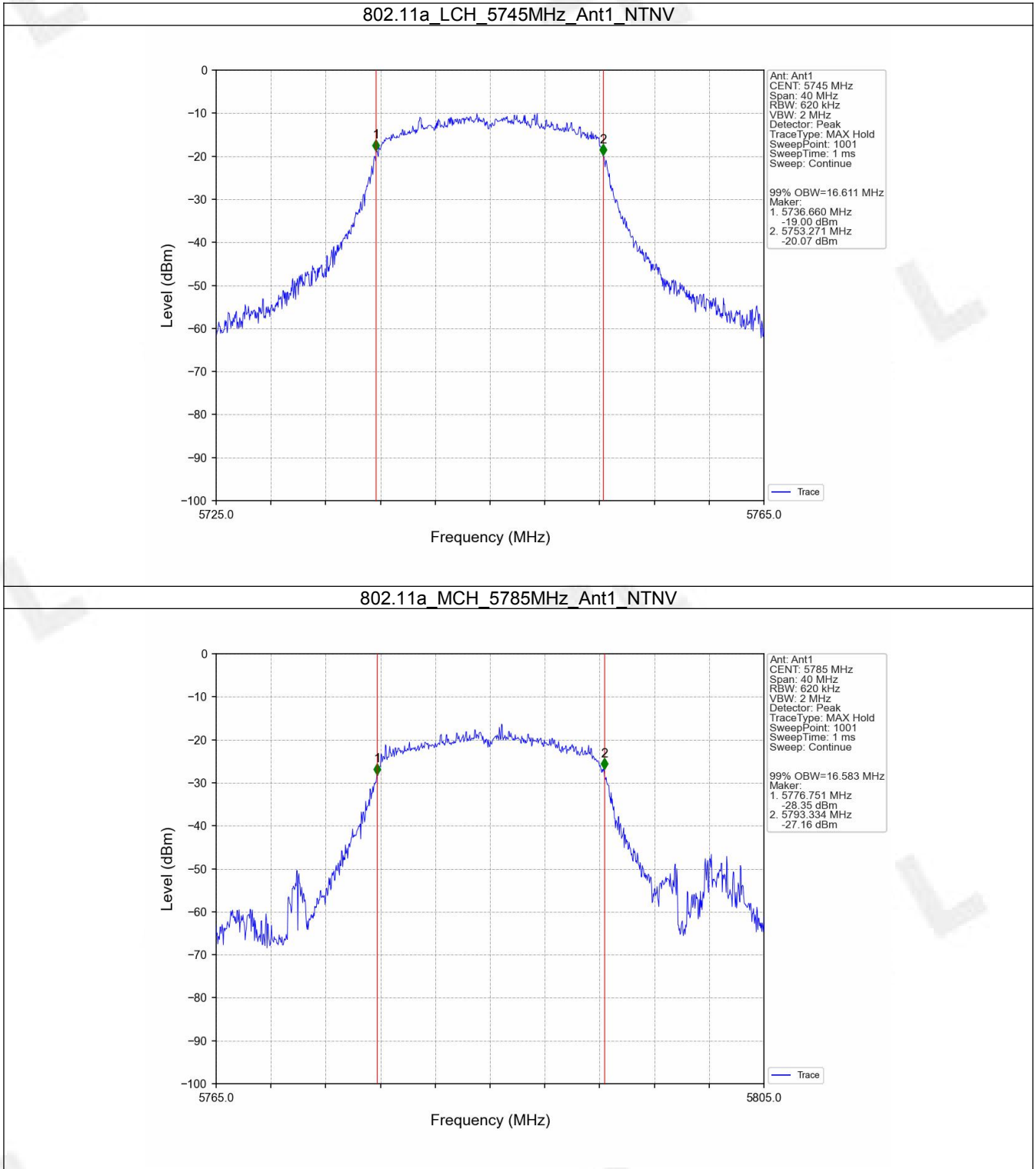
1.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
802.11a	SISO	5745	1	15.029	≥ 0.5	Pass
		5785	1	13.833	≥ 0.5	Pass
		5825	1	15.114	≥ 0.5	Pass
802.11n (HT20)	SISO	5745	1	11.747	≥ 0.5	Pass
		5785	1	14.721	≥ 0.5	Pass
		5825	1	14.079	≥ 0.5	Pass

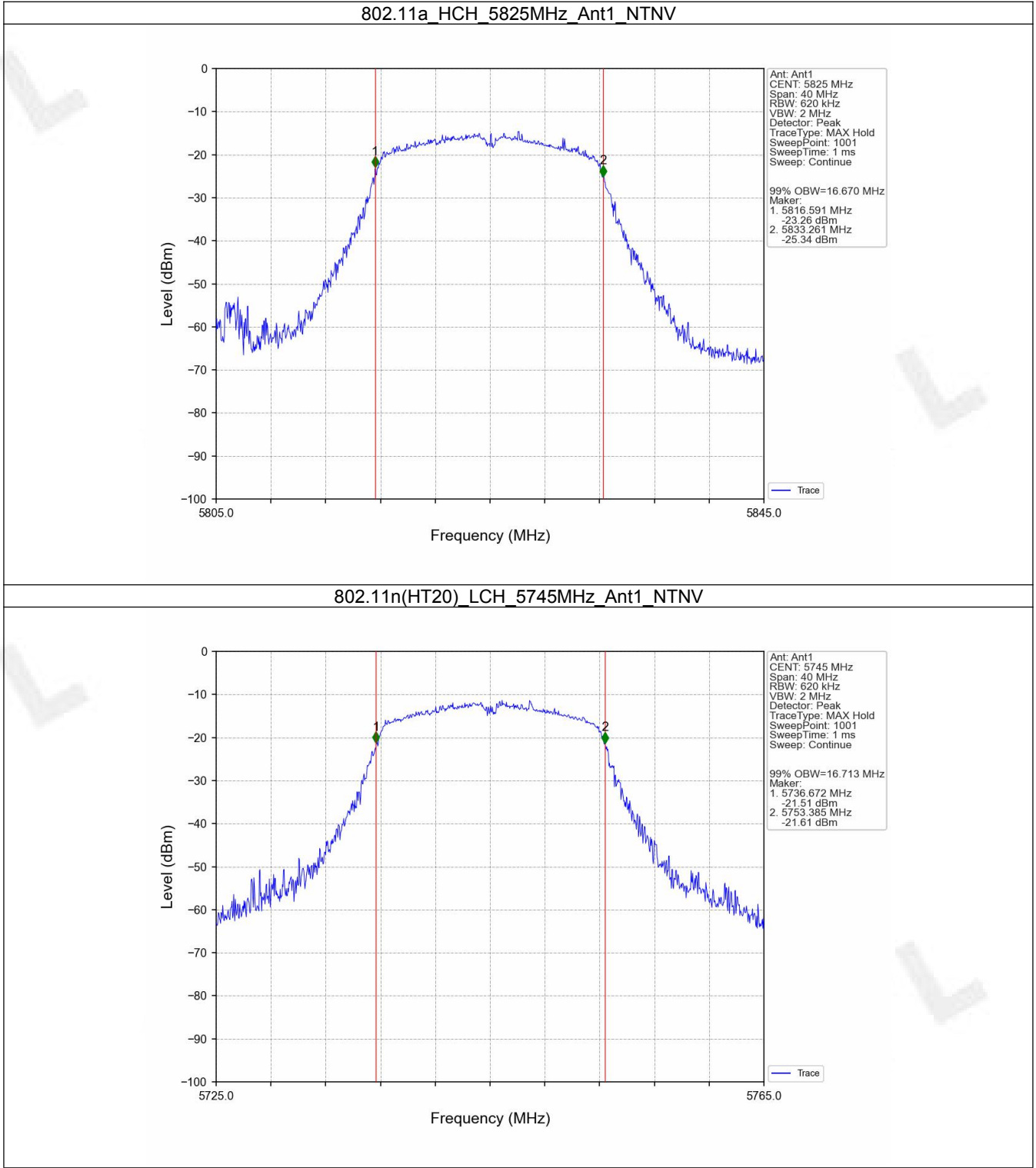
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1.2 Test Graph

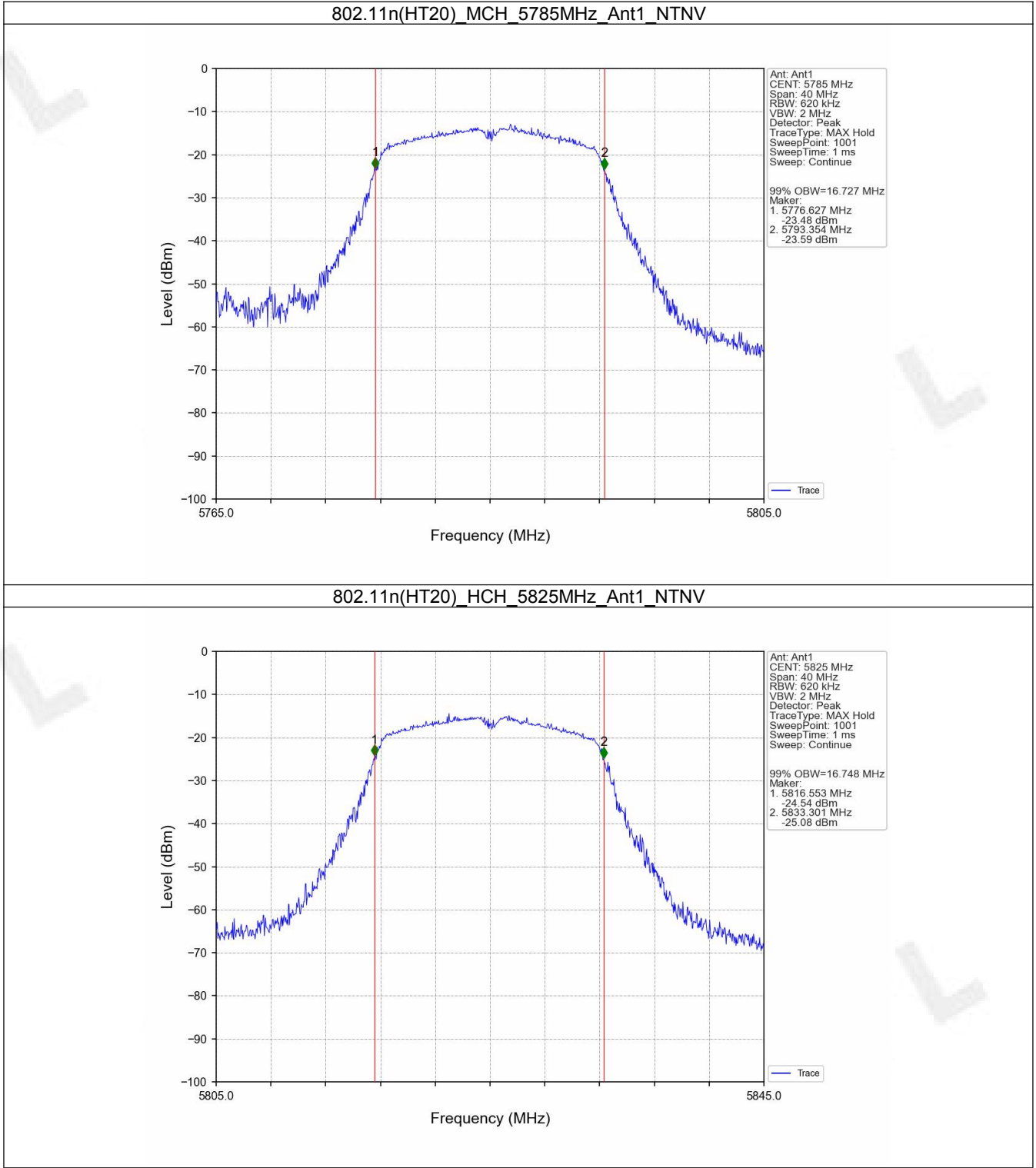
1.2.1 OBW



FCCID: 2AZSQ-QSHOT-V2-PRO

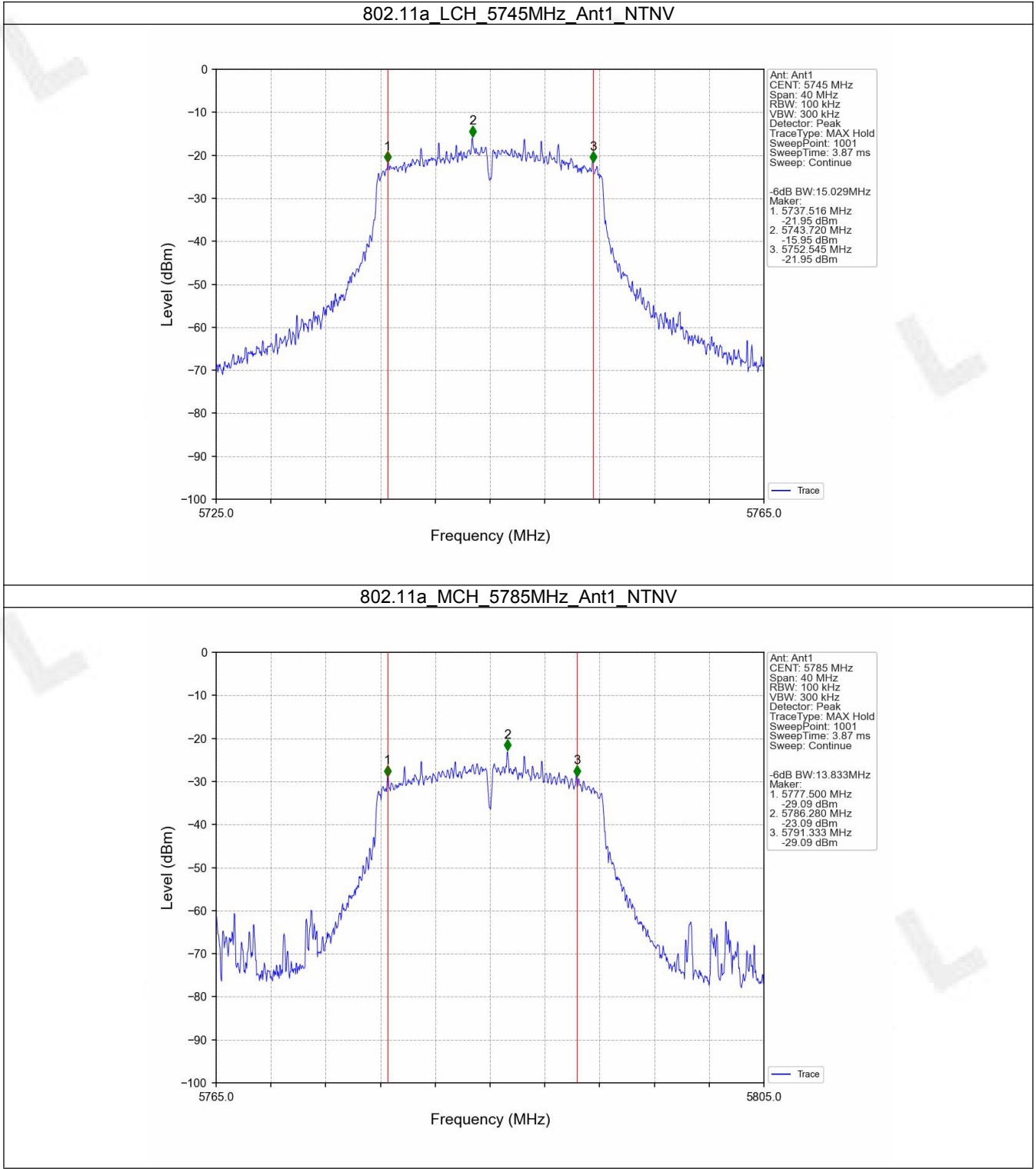


FCCID: 2AZSQ-QSHOT-V2-PRO

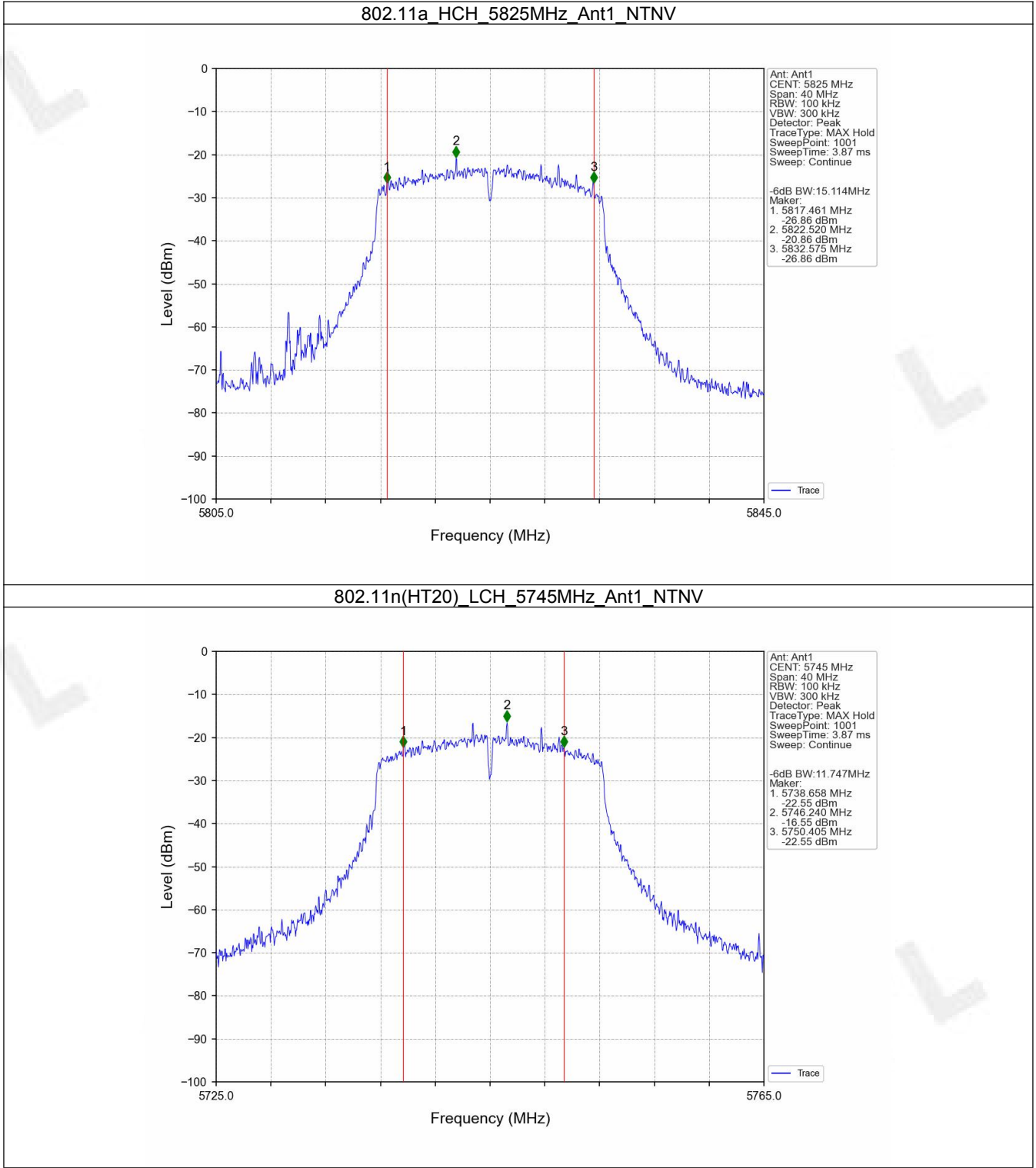


FCCID: 2AZSQ-QSHOT-V2-PRO

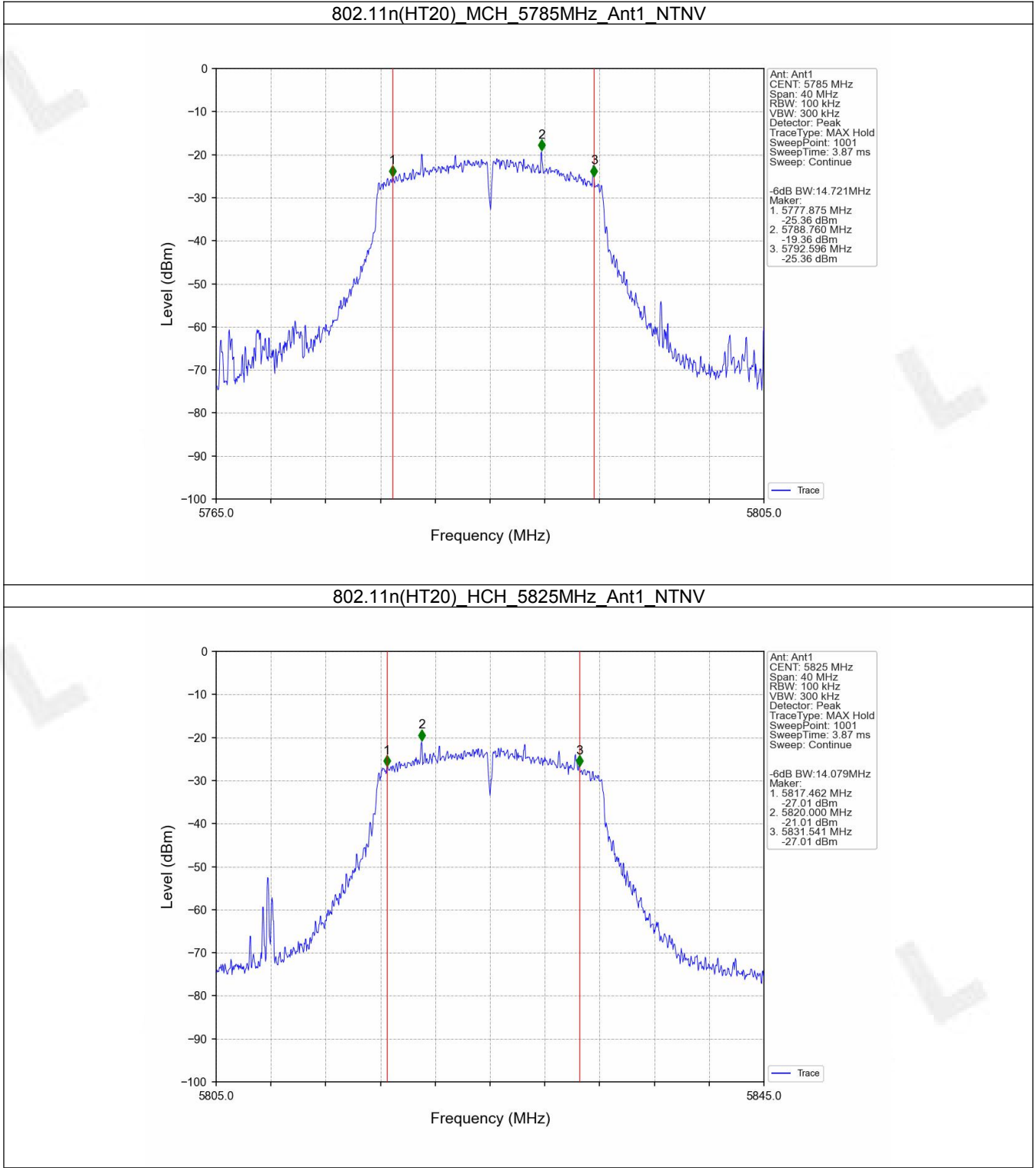
1.2.2 6dB BW



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2. Maximum Conducted Output Power

2.1 Test Result

2.1.1 Power

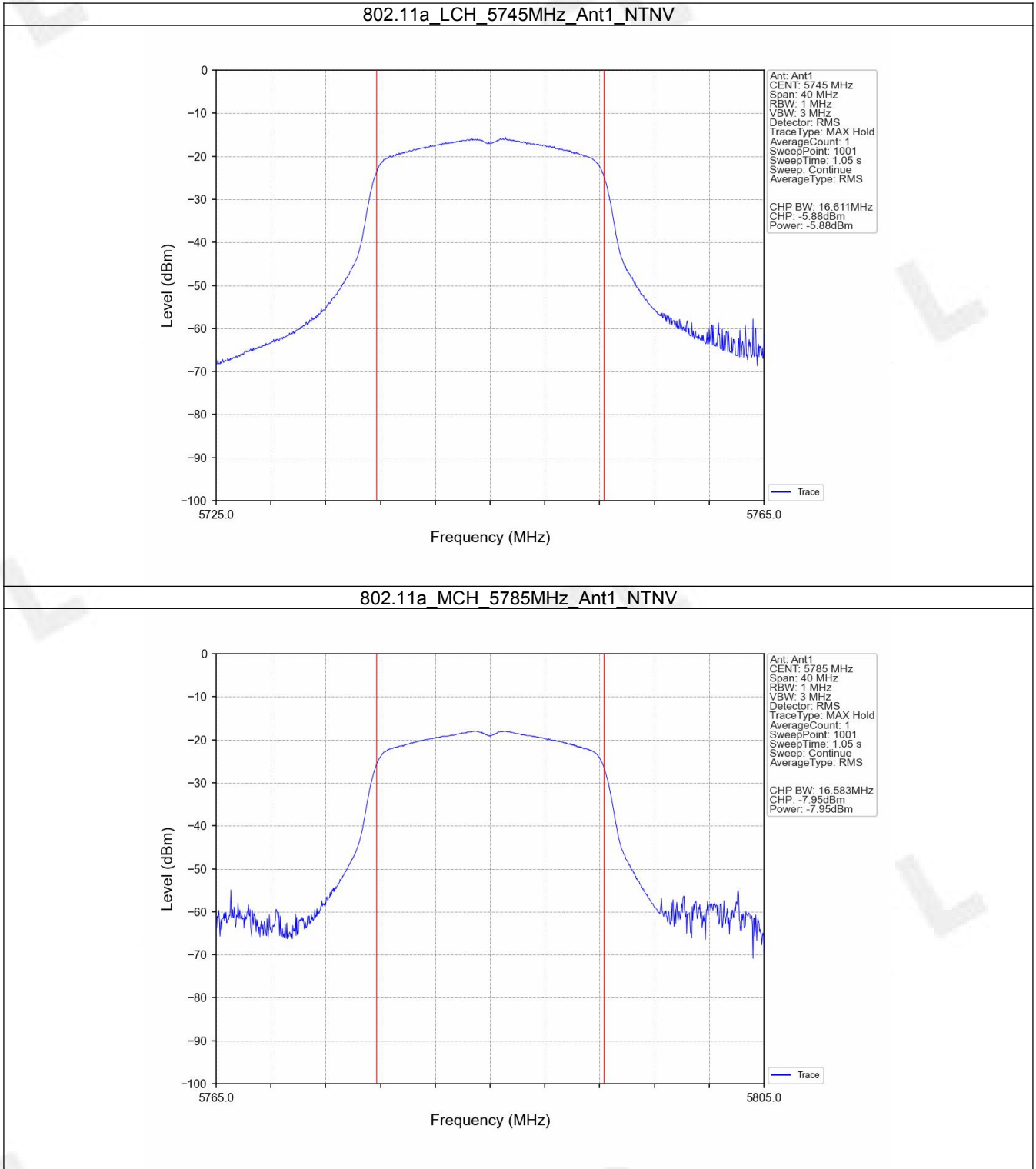
Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-5.88	<=30	Pass
		5785	-7.95	<=30	Pass
		5825	-9.69	<=30	Pass
802.11n (HT20)	SISO	5745	-6.96	<=30	Pass
		5785	-8.29	<=30	Pass
		5825	-9.16	<=30	Pass

Note1: Antenna Gain: Ant1: -2.38dBi;

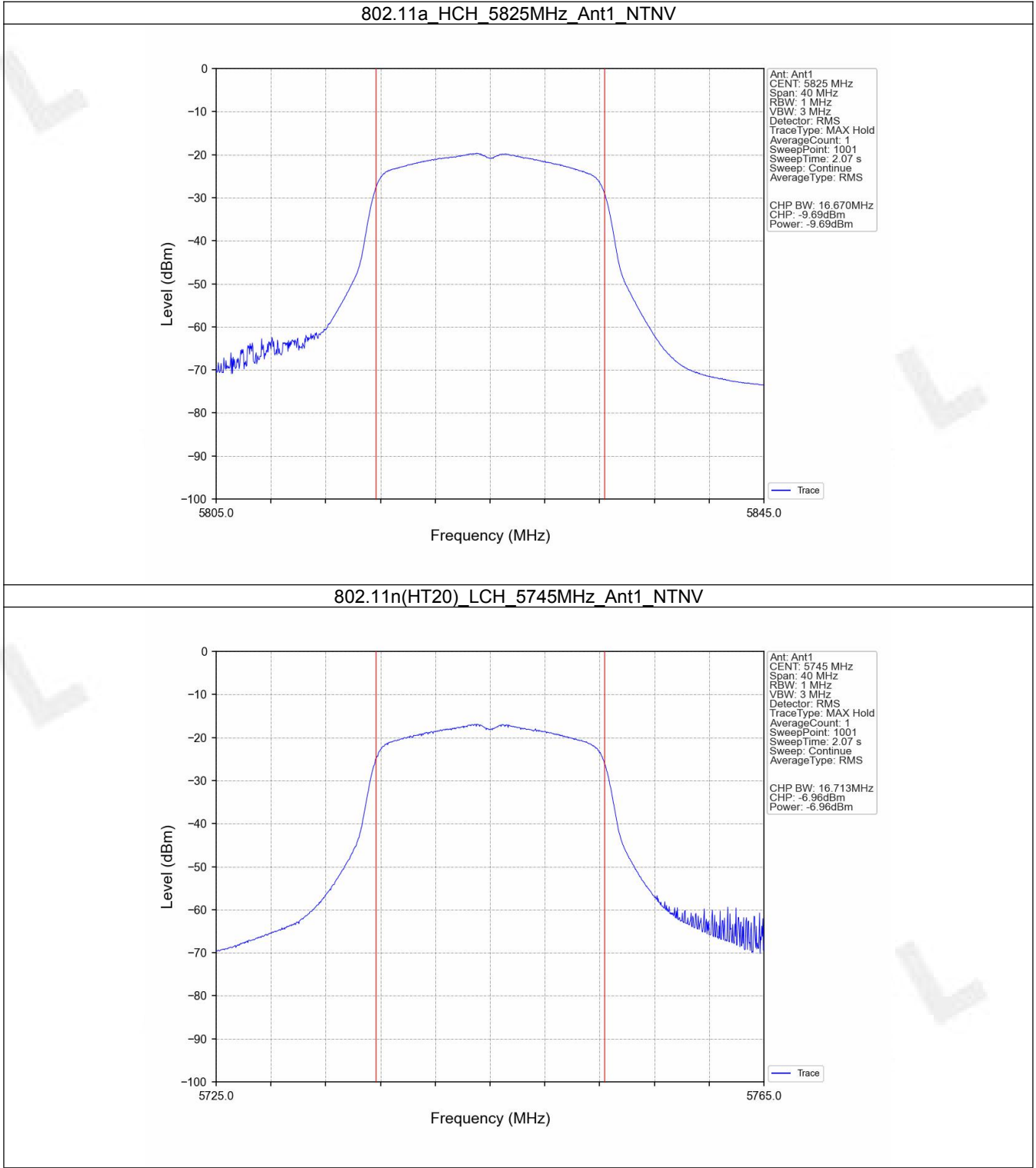
FCCID: 2AZSQ-QSHOT-V2-PRO

2.2 Test Graph

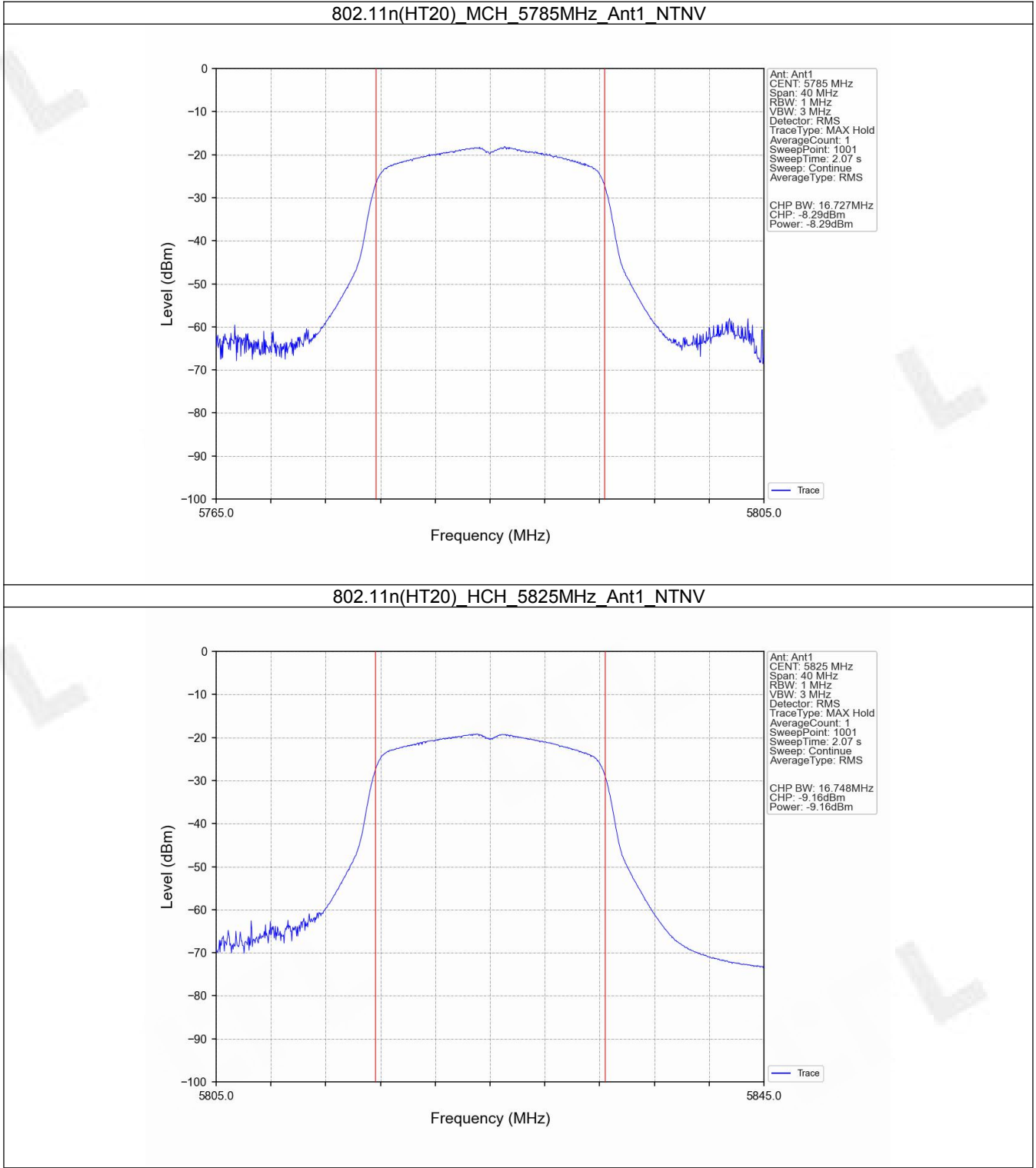
2.2.1 Power



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FCCID: 2AZSQ-QSHOT-V2-PRO



FCCID: 2AZSQ-QSHOT-V2-PRO

3. Maximum Power Spectral Density

3.1 Test Result

3.1.1 PSD-Band3

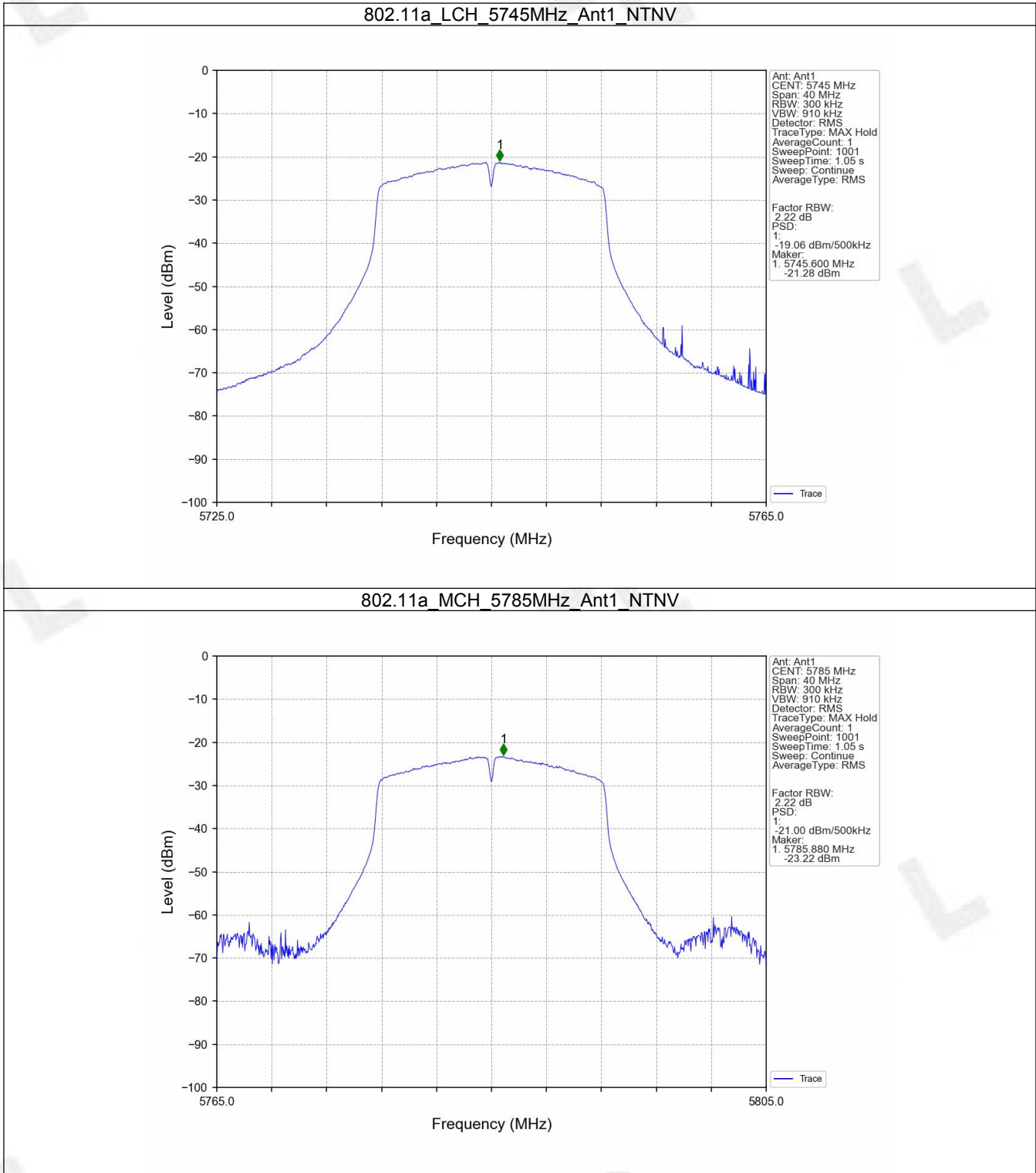
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-19.06	<=30	Pass
		5785	-21.00	<=30	Pass
		5825	-22.34	<=30	Pass
802.11n (HT20)	SISO	5745	-19.67	<=30	Pass
		5785	-21.02	<=30	Pass
		5825	-22.00	<=30	Pass

Note1: Antenna Gain: Ant1: -2.38dBi;

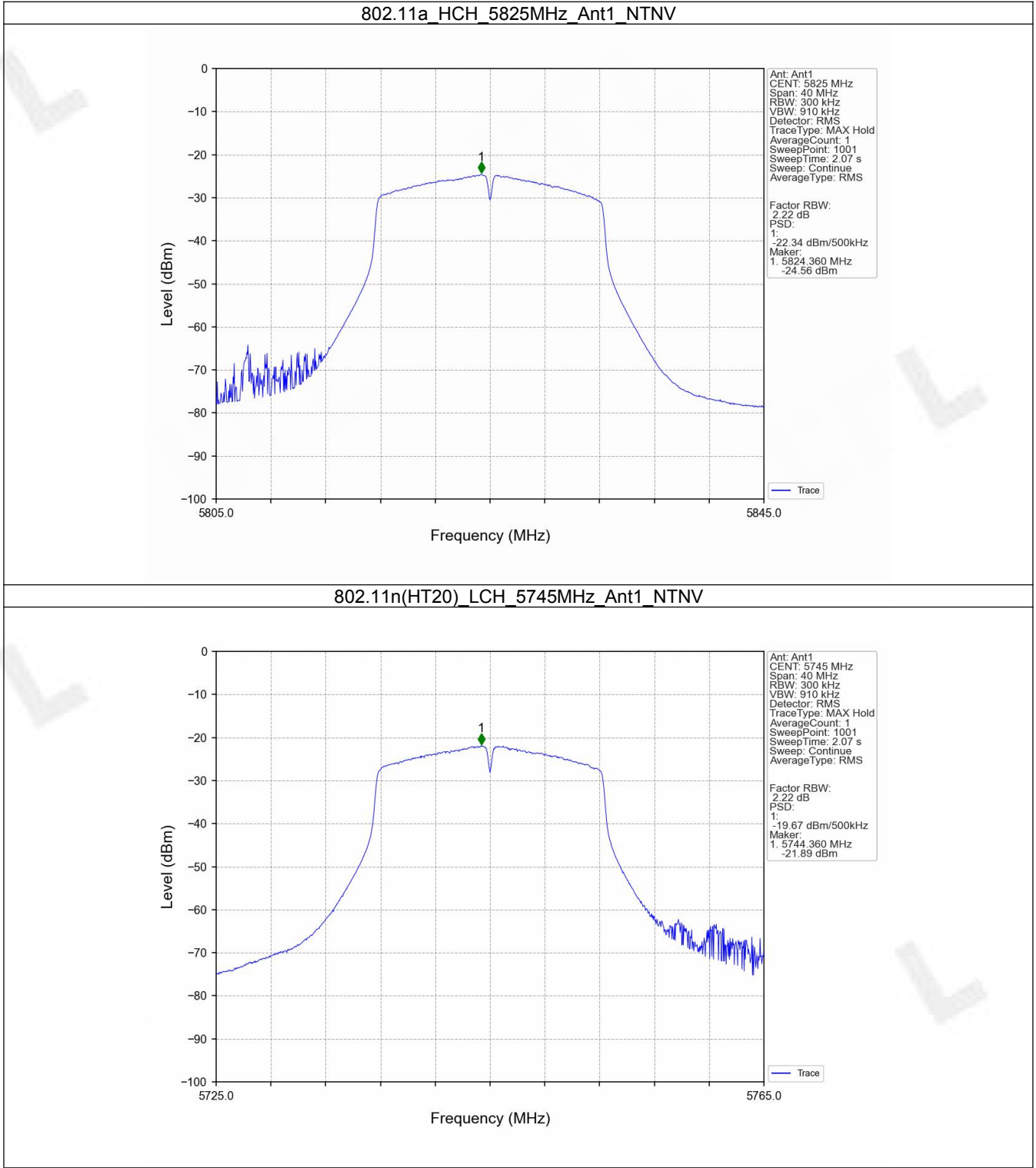
FCCID: 2AZSQ-QSHOT-V2-PRO

3.2 Test Graph

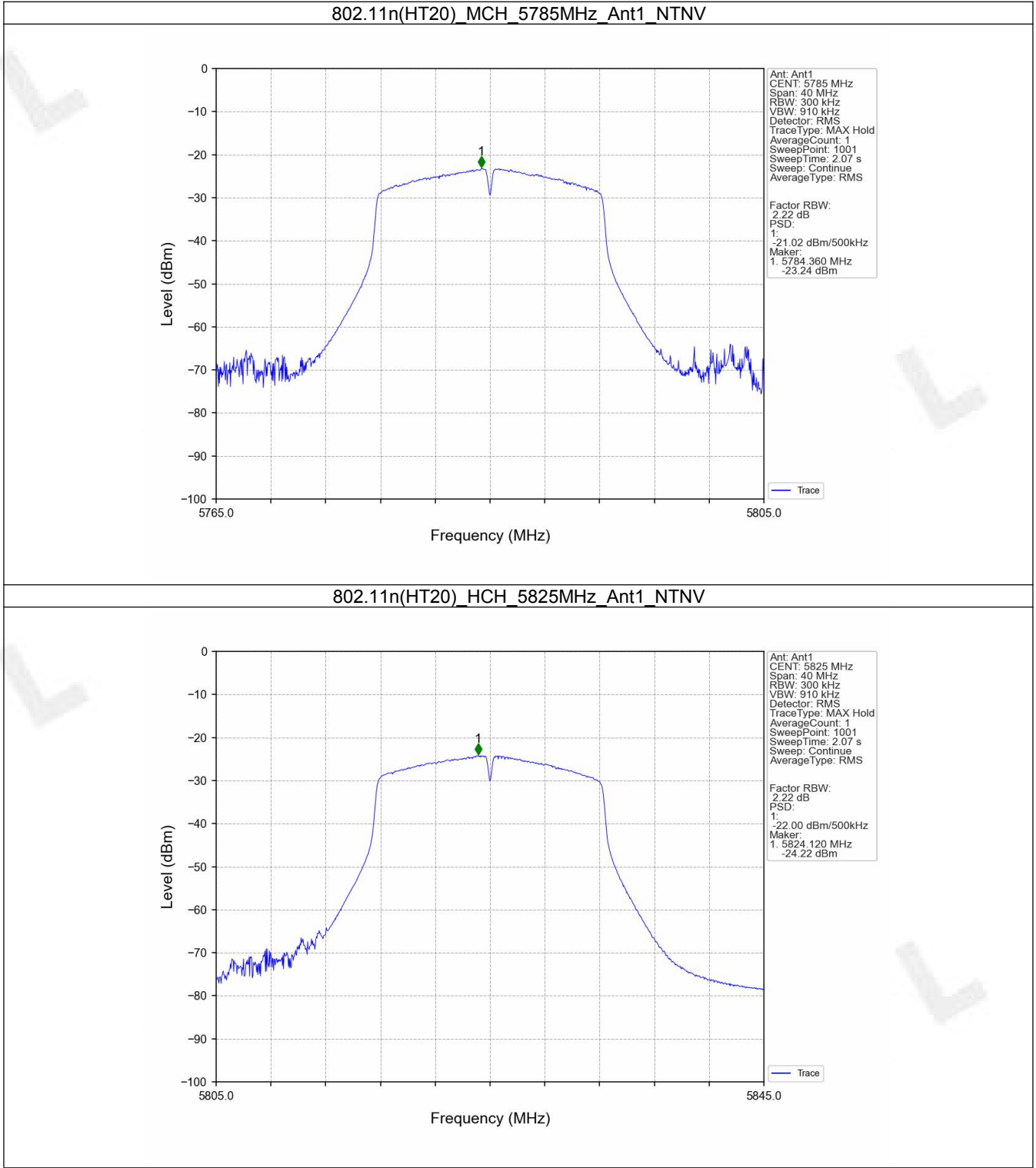
3.2.1 PSD-Band3



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4. Frequency Stability**4.1 Test Result****4.1.1 Ant1**

Ant1							
Mode	Tx Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
Carrier Wave	SISO	5745	20	102	5745.037	5725 to 5850	Pass
				120	5745.036	5725 to 5850	Pass
				138	5745.036	5725 to 5850	Pass
			-30	120	5745.036	5725 to 5850	Pass
			-20	120	5745.036	5725 to 5850	Pass
			-10	120	5745.036	5725 to 5850	Pass
			0	120	5745.036	5725 to 5850	Pass
			10	120	5745.036	5725 to 5850	Pass
			30	120	5745.036	5725 to 5850	Pass
			40	120	5745.036	5725 to 5850	Pass
			50	120	5745.036	5725 to 5850	Pass
		5785	20	102	5785.037	5725 to 5850	Pass
				120	5785.037	5725 to 5850	Pass
				138	5785.037	5725 to 5850	Pass
			-30	120	5785.037	5725 to 5850	Pass
			-20	120	5785.037	5725 to 5850	Pass
			-10	120	5785.037	5725 to 5850	Pass
			0	120	5785.037	5725 to 5850	Pass
			10	120	5785.037	5725 to 5850	Pass
			30	120	5785.037	5725 to 5850	Pass
			40	120	5785.037	5725 to 5850	Pass
			50	120	5785.037	5725 to 5850	Pass
		5825	20	102	5825.038	5725 to 5850	Pass
				120	5825.038	5725 to 5850	Pass
				138	5825.037	5725 to 5850	Pass
			-30	120	5825.037	5725 to 5850	Pass
			-20	120	5825.037	5725 to 5850	Pass
			-10	120	5825.037	5725 to 5850	Pass
			0	120	5825.037	5725 to 5850	Pass
			10	120	5825.037	5725 to 5850	Pass
			30	120	5825.037	5725 to 5850	Pass
			40	120	5825.037	5725 to 5850	Pass
			50	120	5825.037	5725 to 5850	Pass