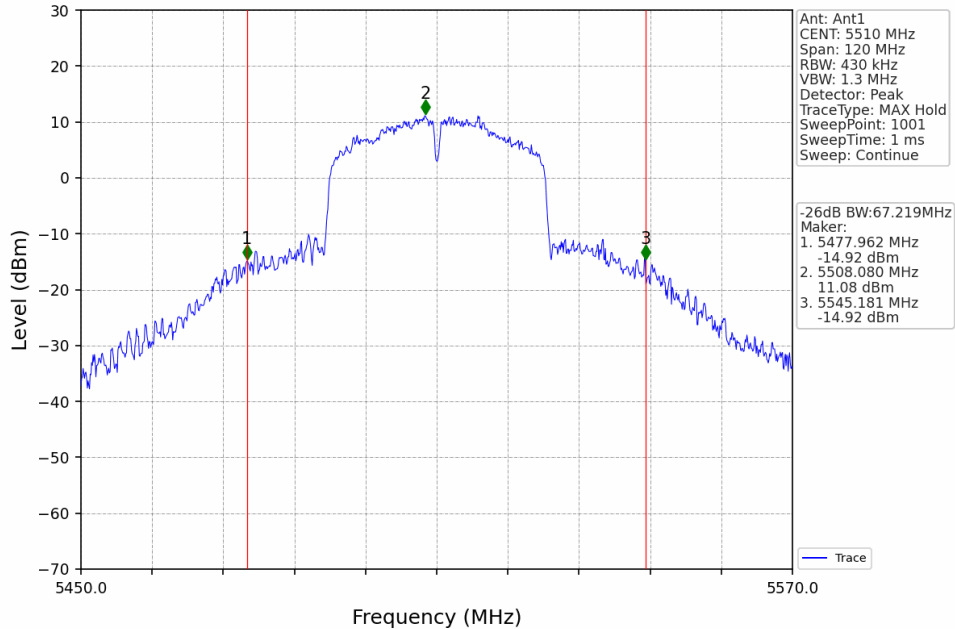
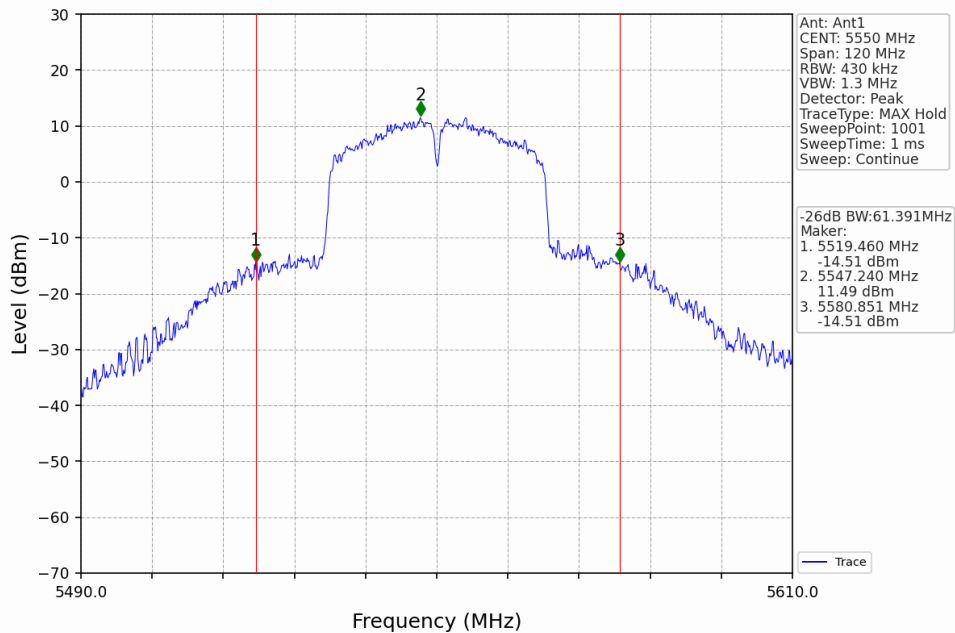


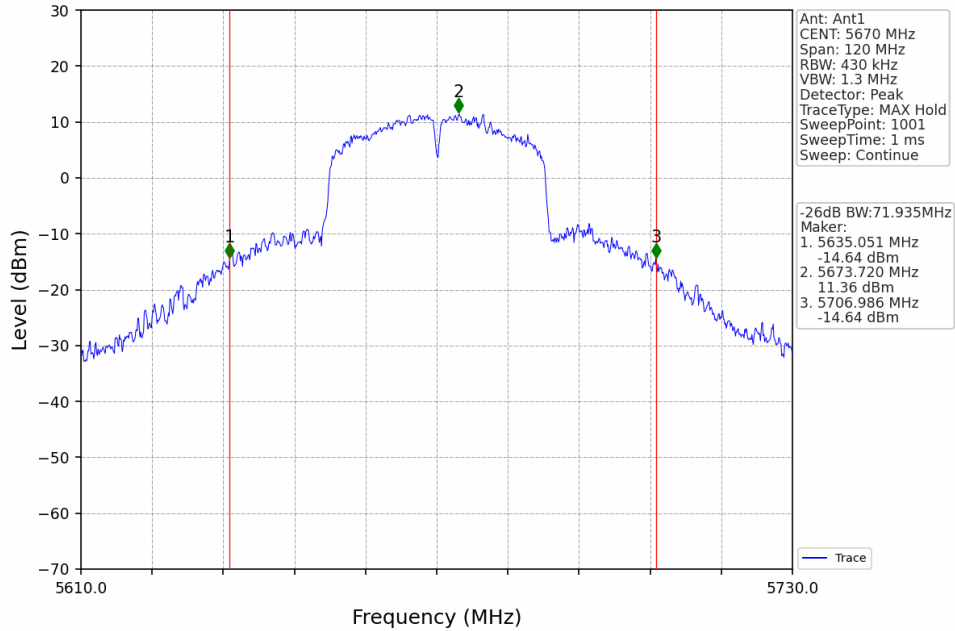
802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



802.11n(HT40)_HCH_5670MHz_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	5500	16.67	≤ 23.98	Pass
		5580	16.67	≤ 23.98	Pass
		5700	18.39	≤ 23.98	Pass
		5745	18.34	≤ 30	Pass
		5785	19.13	≤ 30	Pass
		5825	19.03	≤ 30	Pass
802.11n (HT20)	SISO	5500	17.49	≤ 23.98	Pass
		5580	17.47	≤ 23.98	Pass
		5700	17.22	≤ 23.98	Pass
		5745	17.15	≤ 30	Pass
		5785	17.98	≤ 30	Pass
		5825	17.87	≤ 30	Pass
802.11n (HT40)	SISO	5510	17.51	≤ 23.98	Pass
		5550	17.59	≤ 23.98	Pass
		5670	17.30	≤ 23.98	Pass
		5755	17.17	≤ 30	Pass
		5795	17.93	≤ 30	Pass



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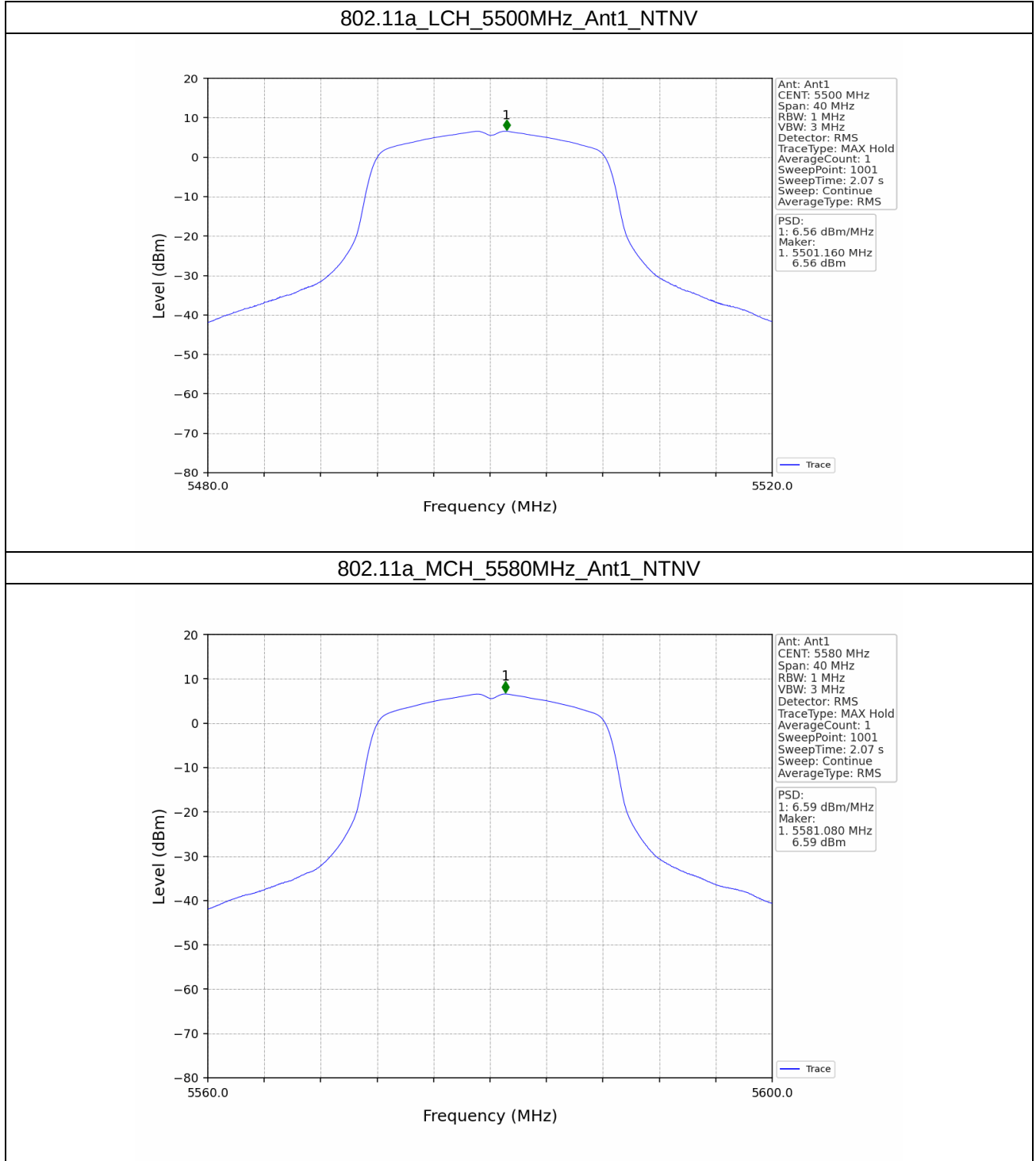
4. Maximum Power Spectral Density

4.1 PSD

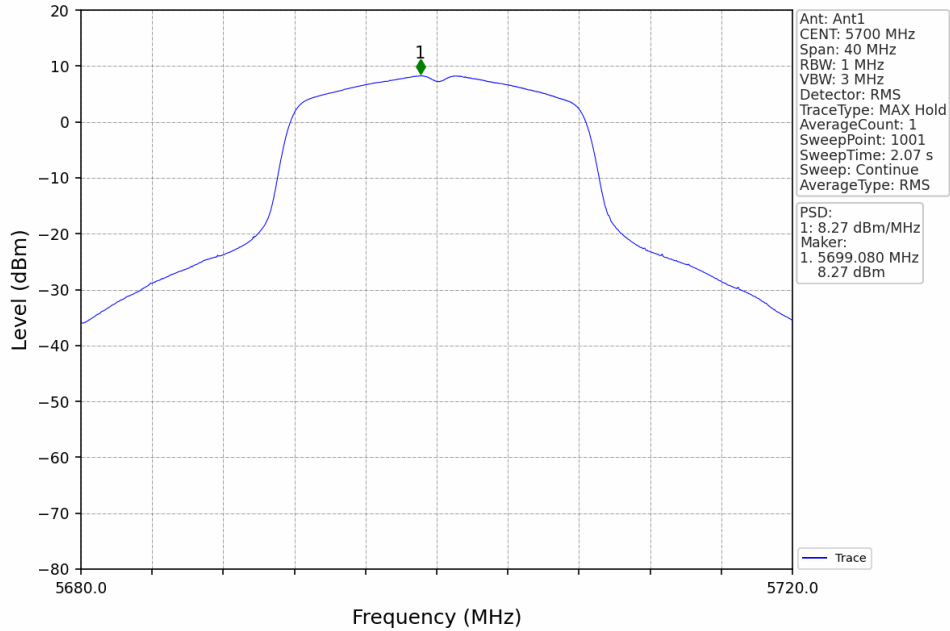
4.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5500	6.56	<=11	Pass
		5580	6.59	<=11	Pass
		5700	8.27	<=11	Pass
802.11n (HT20)	SISO	5500	7.22	<=11	Pass
		5580	7.24	<=11	Pass
		5700	6.97	<=11	Pass
802.11n (HT40)	SISO	5510	4.41	<=11	Pass
		5550	4.58	<=11	Pass
		5670	4.25	<=11	Pass

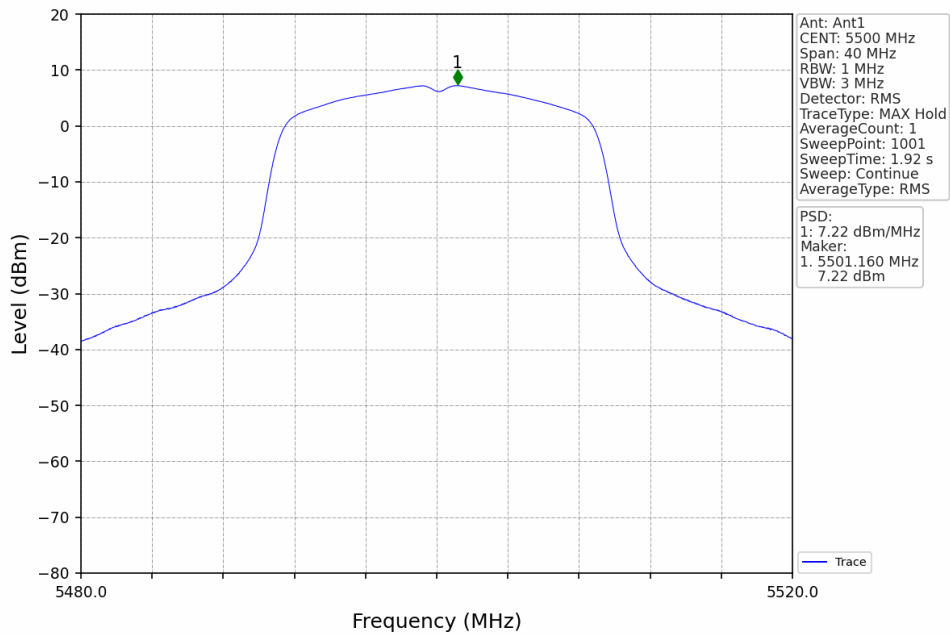
4.1.2 Test Graph



802.11a_HCH_5700MHz_Ant1_NTNV



802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



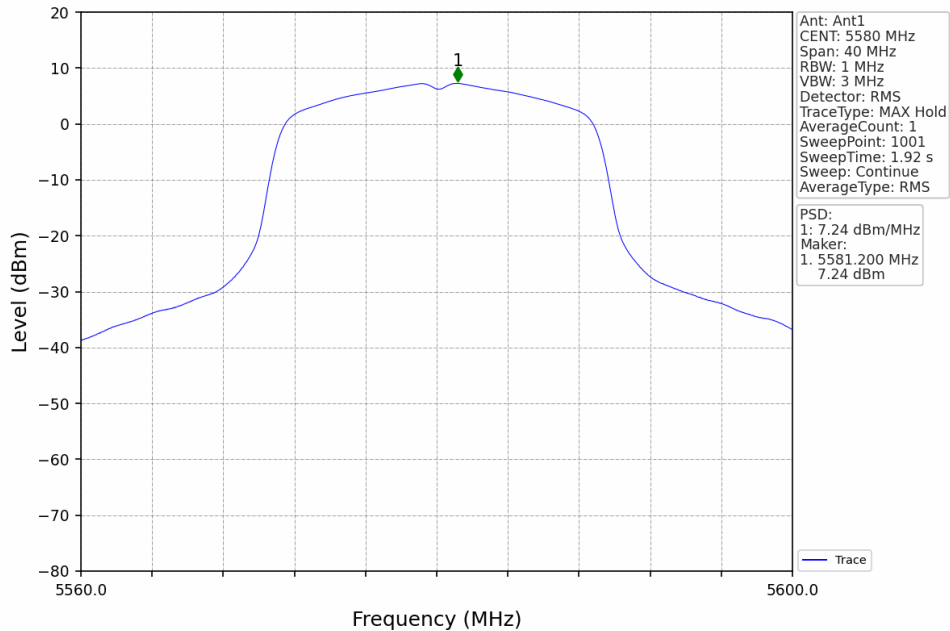
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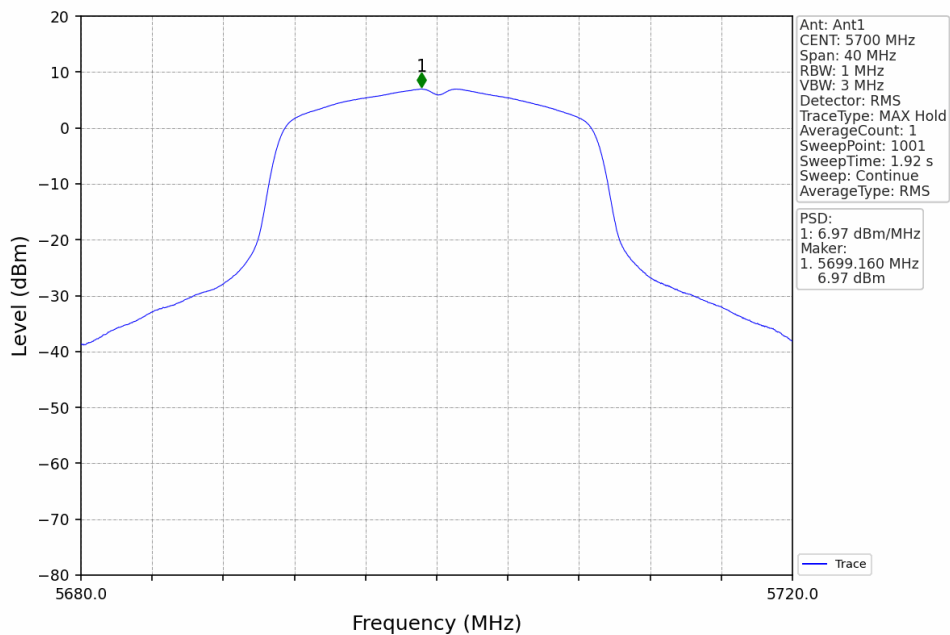
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802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



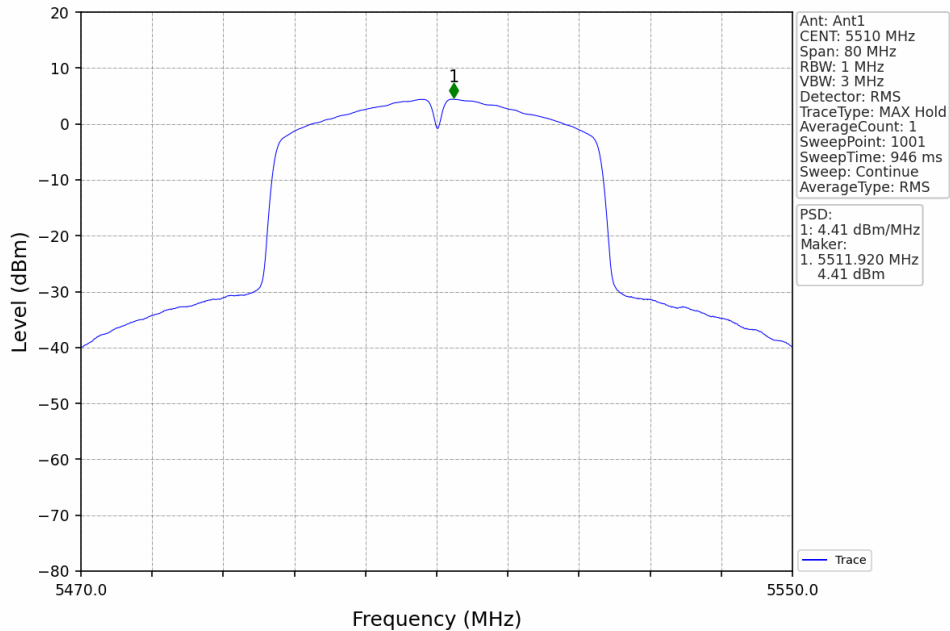
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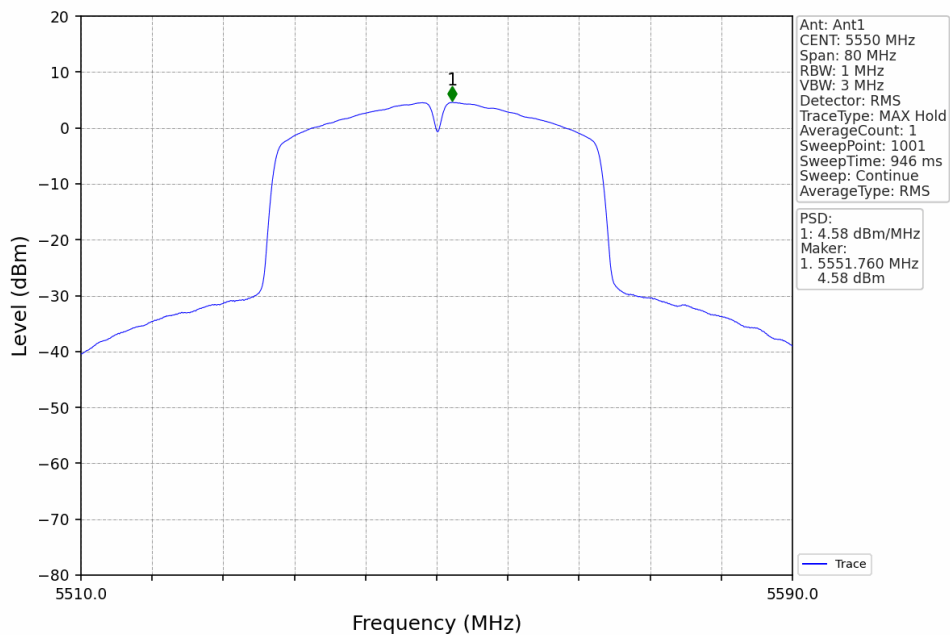
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802.11n(HT40)_LCH_5510MHz_Ant1_NTNV



802.11n(HT40)_MCH_5550MHz_Ant1_NTNV



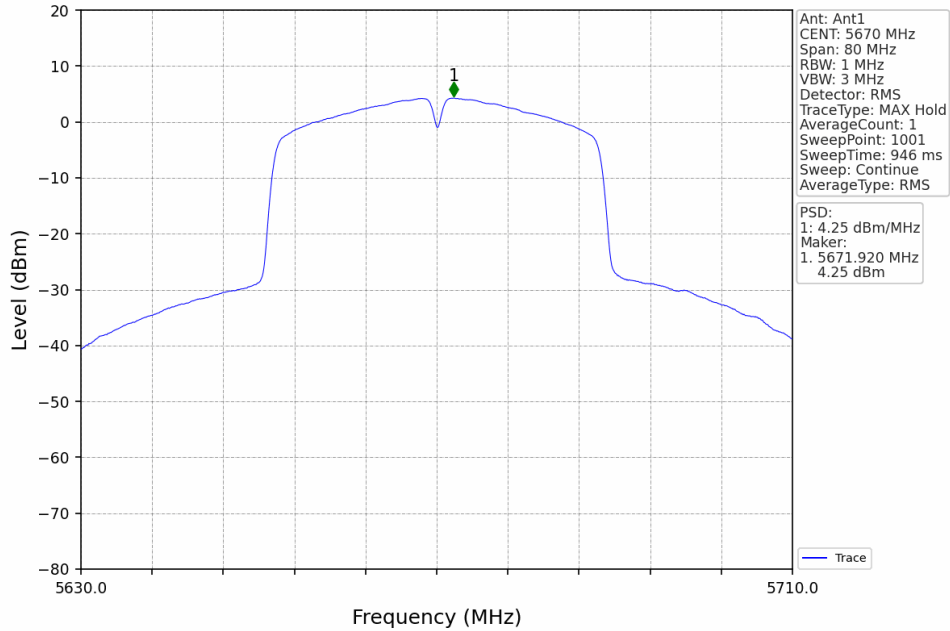
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802.11n(HT40)_HCH_5670MHz_Ant1_NTNV



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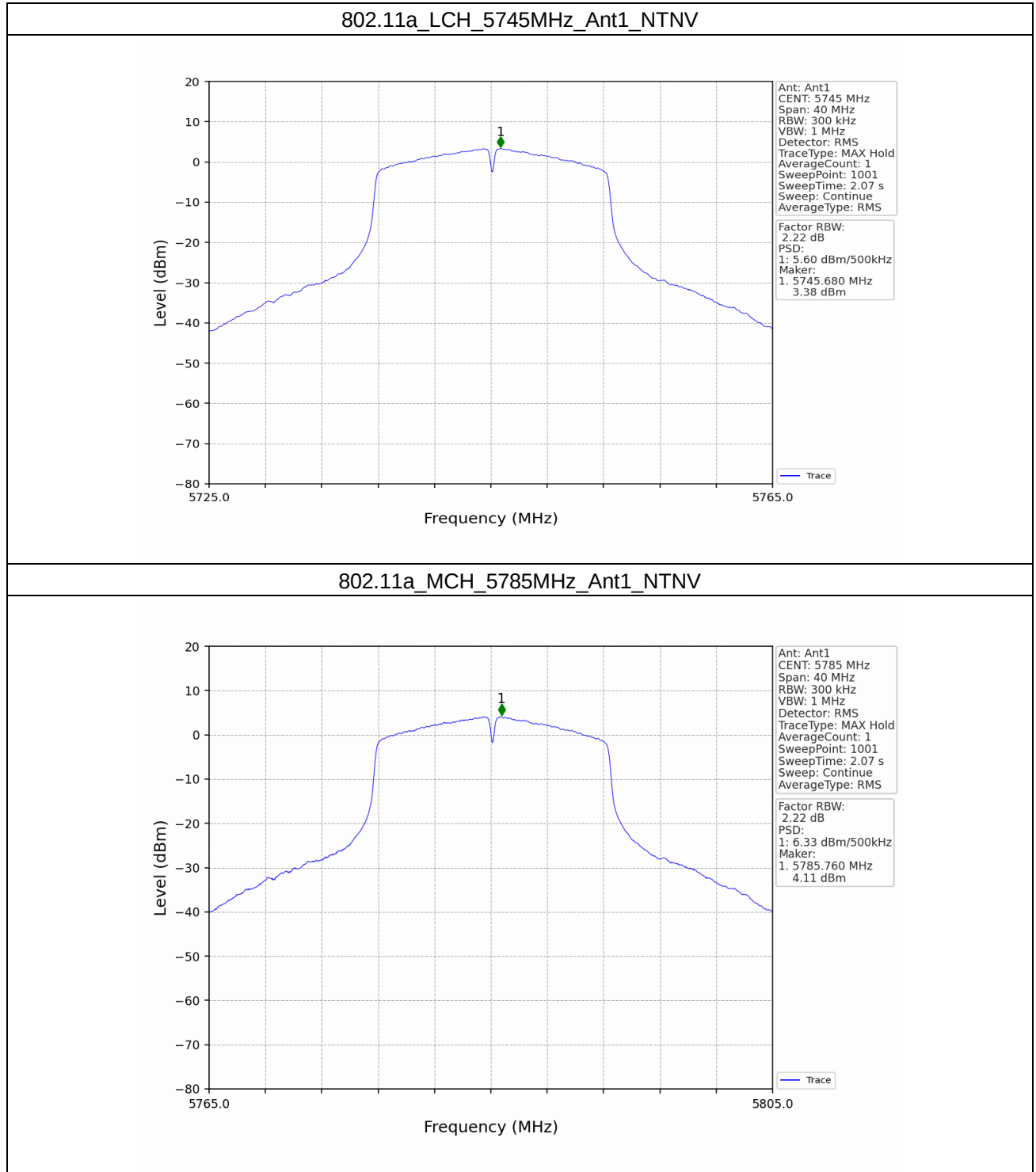
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4.2 PSD-Band3

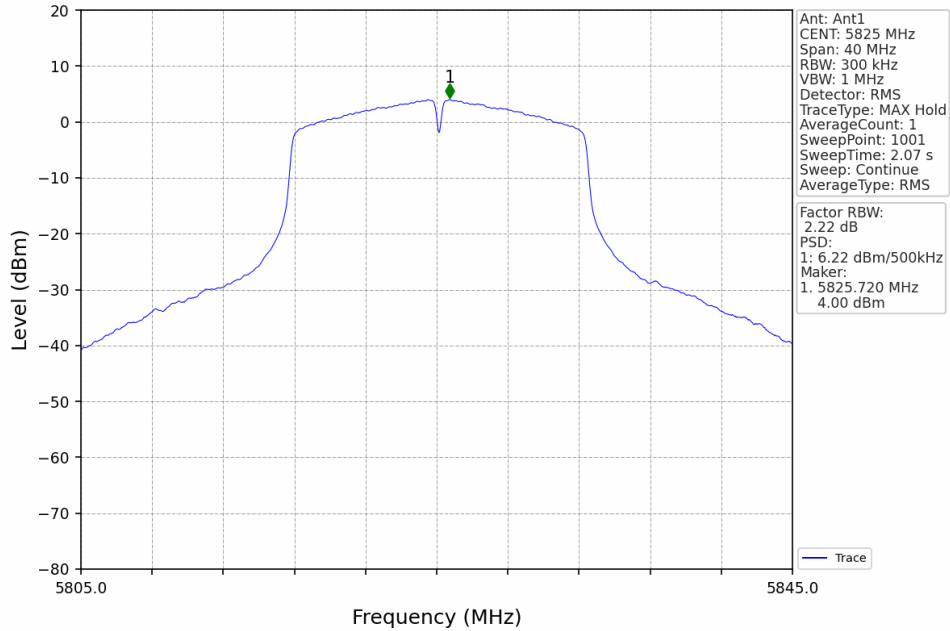
4.2.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	5.60	<=30	Pass
		5785	6.33	<=30	Pass
		5825	6.22	<=30	Pass
802.11n (HT20)	SISO	5745	4.44	<=30	Pass
		5785	5.23	<=30	Pass
		5825	5.18	<=30	Pass
802.11n (HT40)	SISO	5755	1.36	<=30	Pass
		5795	2.24	<=30	Pass

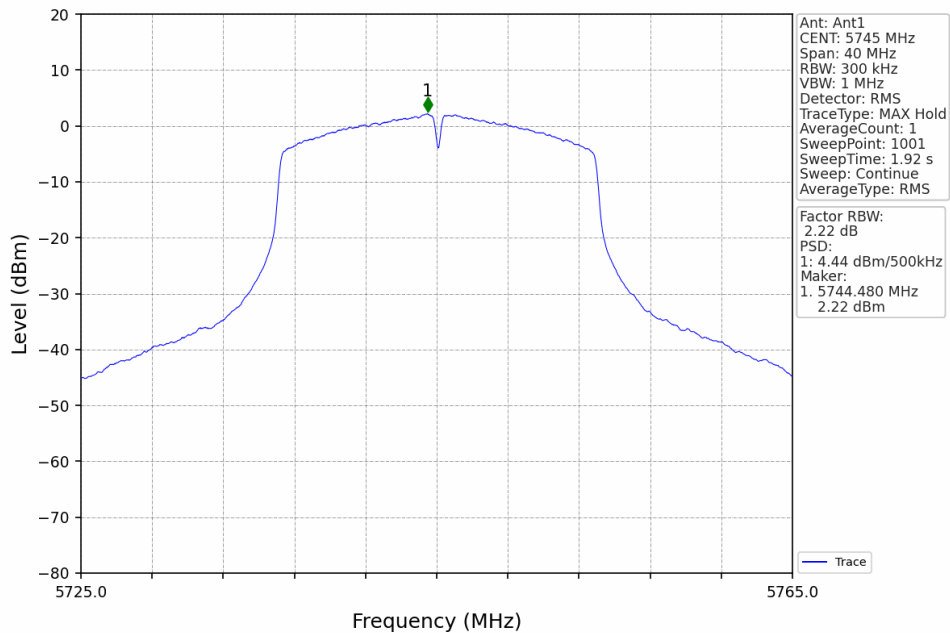
4.2.2 Test Graph



802.11a_HCH_5825MHz_Ant1_NTNV



802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



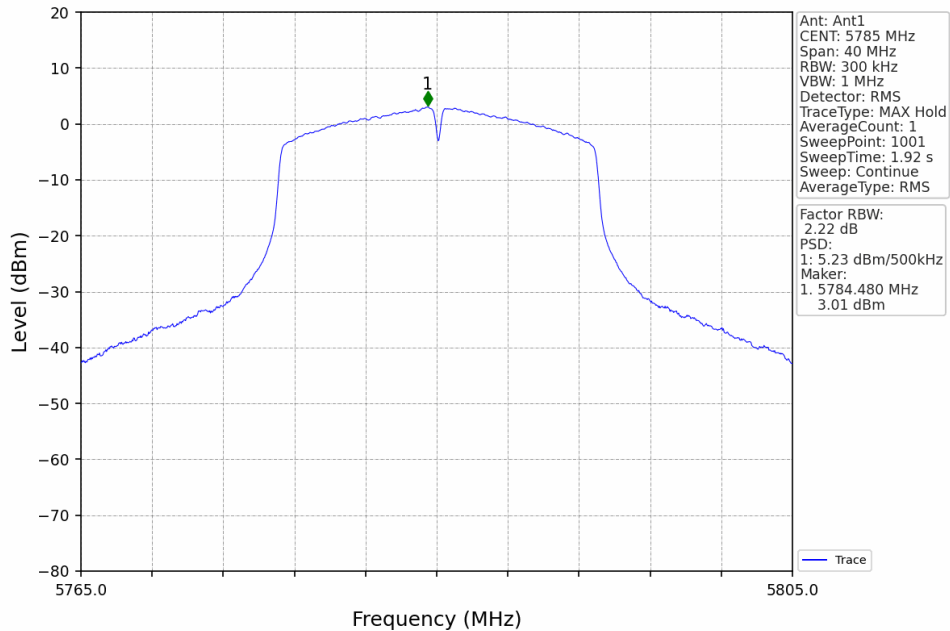
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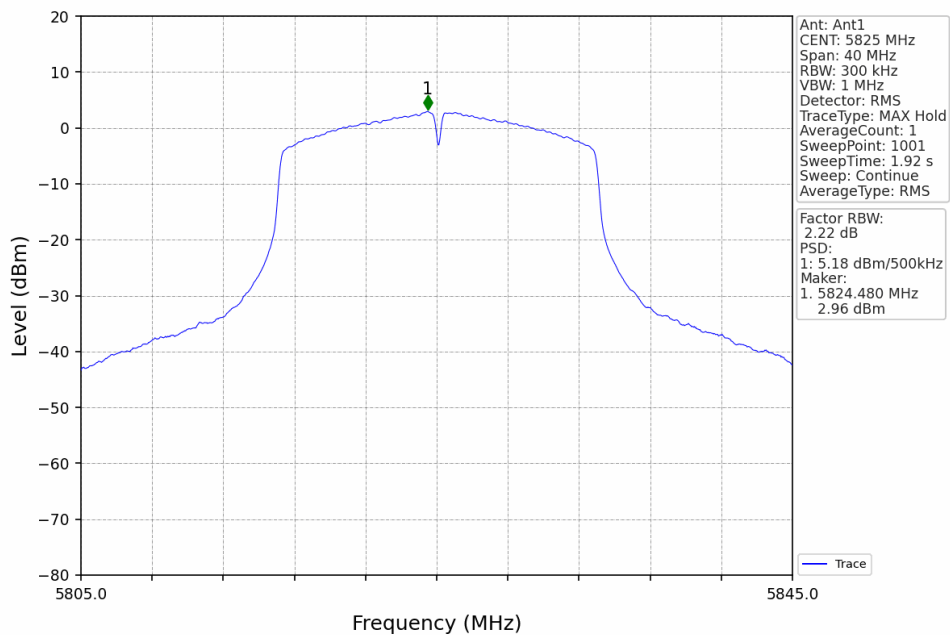
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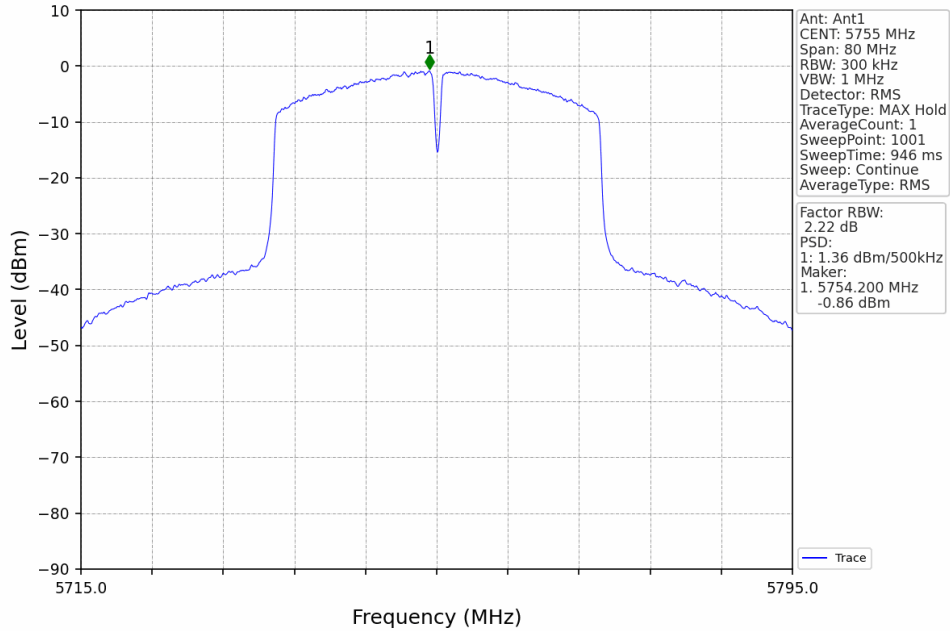
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



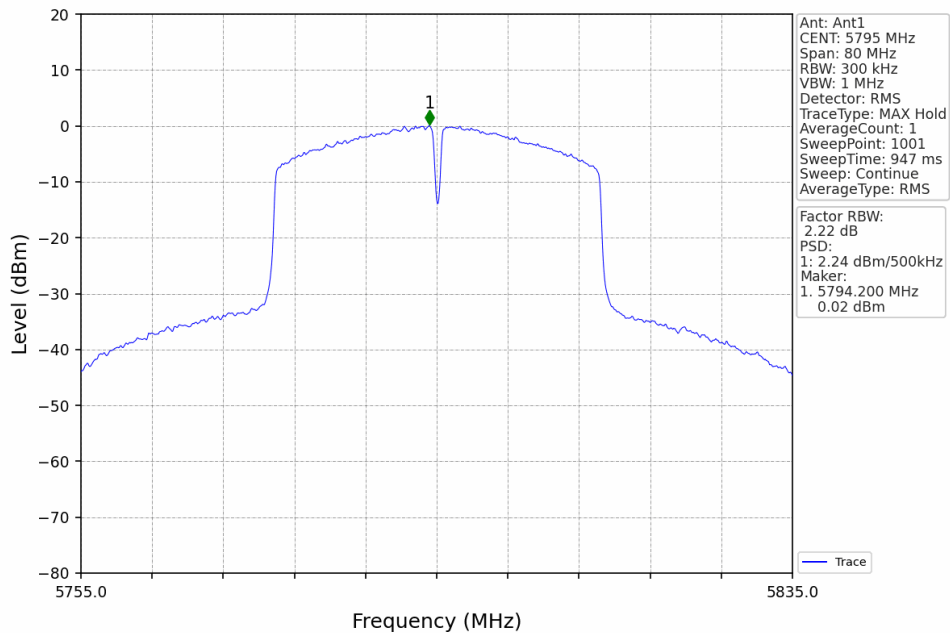
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



802.11n(HT40)_HCH_5795MHz_Ant1_NTNV



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5. Frequency Stability

5.1 Ant1

5.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
802.11a	SISO	5500	20	18.36	5500.040	5470 to 5725	Pass
				21.60	5500.020	5470 to 5725	Pass
				24.84	5500.020	5470 to 5725	Pass
			0	21.60	5500.040	5470 to 5725	Pass
				21.60	5500.020	5470 to 5725	Pass
			5	21.60	5500.020	5470 to 5725	Pass
			10	21.60	5500.020	5470 to 5725	Pass
			15	21.60	5500.020	5470 to 5725	Pass
			25	21.60	5500.020	5470 to 5725	Pass
			30	21.60	5500.020	5470 to 5725	Pass
			35	21.60	5500.040	5470 to 5725	Pass
			40	21.60	5500.000	5470 to 5725	Pass
		5580	20	18.36	5580.000	5470 to 5725	Pass
				21.60	5580.020	5470 to 5725	Pass
				24.84	5580.020	5470 to 5725	Pass
			0	21.60	5580.000	5470 to 5725	Pass
				21.60	5580.040	5470 to 5725	Pass
			5	21.60	5580.000	5470 to 5725	Pass
			10	21.60	5580.000	5470 to 5725	Pass
			15	21.60	5580.000	5470 to 5725	Pass
			25	21.60	5580.020	5470 to 5725	Pass
			30	21.60	5579.980	5470 to 5725	Pass
			35	21.60	5580.000	5470 to 5725	Pass
			40	21.60	5580.000	5470 to 5725	Pass
		5700	20	18.36	5700.000	5470 to 5725	Pass
				21.60	5700.040	5470 to 5725	Pass
				24.84	5700.040	5470 to 5725	Pass
			0	21.60	5700.040	5470 to 5725	Pass
			5	21.60	5700.000	5470 to 5725	Pass
			10	21.60	5700.060	5470 to 5725	Pass
			15	21.60	5700.020	5470 to 5725	Pass
			25	21.60	5700.040	5470 to 5725	Pass



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			30	21.60	5700.000	5470 to 5725	Pass
			35	21.60	5700.000	5470 to 5725	Pass
			40	21.60	5700.060	5470 to 5725	Pass
		5745	20	18.36	5745.000	5725 to 5850	Pass
				21.60	5745.040	5725 to 5850	Pass
				24.84	5745.060	5725 to 5850	Pass
			0	21.60	5745.000	5725 to 5850	Pass
			5	21.60	5745.000	5725 to 5850	Pass
			10	21.60	5745.020	5725 to 5850	Pass
			15	21.60	5745.000	5725 to 5850	Pass
			25	21.60	5745.000	5725 to 5850	Pass
			30	21.60	5745.000	5725 to 5850	Pass
			35	21.60	5745.000	5725 to 5850	Pass
			40	21.60	5744.960	5725 to 5850	Pass
		5785	20	18.36	5785.000	5725 to 5850	Pass
				21.60	5785.000	5725 to 5850	Pass
				24.84	5784.980	5725 to 5850	Pass
			0	21.60	5785.000	5725 to 5850	Pass
			5	21.60	5785.000	5725 to 5850	Pass
			10	21.60	5785.020	5725 to 5850	Pass
			15	21.60	5785.000	5725 to 5850	Pass
			25	21.60	5785.000	5725 to 5850	Pass
			30	21.60	5785.000	5725 to 5850	Pass
			35	21.60	5785.000	5725 to 5850	Pass
			40	21.60	5784.980	5725 to 5850	Pass
		5825	20	18.36	5825.000	5725 to 5850	Pass
				21.60	5825.020	5725 to 5850	Pass
				24.84	5825.040	5725 to 5850	Pass
			0	21.60	5825.040	5725 to 5850	Pass
			5	21.60	5825.000	5725 to 5850	Pass
			10	21.60	5825.000	5725 to 5850	Pass
			15	21.60	5825.040	5725 to 5850	Pass
			25	21.60	5825.020	5725 to 5850	Pass
			30	21.60	5825.000	5725 to 5850	Pass
			35	21.60	5825.000	5725 to 5850	Pass
			40	21.60	5825.000	5725 to 5850	Pass
802.11n (HT20)	SISO	5500	20	18.36	5499.960	5470 to 5725	Pass
				21.60	5500.020	5470 to 5725	Pass
				24.84	5500.000	5470 to 5725	Pass
			0	21.60	5500.000	5470 to 5725	Pass



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			5	21.60	5499.980	5470 to 5725	Pass
			10	21.60	5500.000	5470 to 5725	Pass
			15	21.60	5500.000	5470 to 5725	Pass
			25	21.60	5500.040	5470 to 5725	Pass
			30	21.60	5500.020	5470 to 5725	Pass
			35	21.60	5500.000	5470 to 5725	Pass
			40	21.60	5500.000	5470 to 5725	Pass
		5580	20	18.36	5580.020	5470 to 5725	Pass
				21.60	5580.020	5470 to 5725	Pass
				24.84	5580.000	5470 to 5725	Pass
			0	21.60	5580.020	5470 to 5725	Pass
			5	21.60	5580.040	5470 to 5725	Pass
			10	21.60	5580.020	5470 to 5725	Pass
			15	21.60	5580.020	5470 to 5725	Pass
			25	21.60	5580.020	5470 to 5725	Pass
			30	21.60	5580.020	5470 to 5725	Pass
			35	21.60	5580.020	5470 to 5725	Pass
			40	21.60	5580.040	5470 to 5725	Pass
		5700	20	18.36	5700.000	5470 to 5725	Pass
				21.60	5700.000	5470 to 5725	Pass
				24.84	5700.040	5470 to 5725	Pass
			0	21.60	5700.020	5470 to 5725	Pass
			5	21.60	5700.020	5470 to 5725	Pass
			10	21.60	5700.040	5470 to 5725	Pass
			15	21.60	5700.020	5470 to 5725	Pass
			25	21.60	5700.000	5470 to 5725	Pass
			30	21.60	5700.020	5470 to 5725	Pass
			35	21.60	5700.000	5470 to 5725	Pass
			40	21.60	5700.060	5470 to 5725	Pass
		5745	20	18.36	5745.000	5725 to 5850	Pass
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			5	21.60	5745.020	5725 to 5850	Pass
			10	21.60	5745.000	5725 to 5850	Pass
			15	21.60	5744.980	5725 to 5850	Pass
			25	21.60	5745.020	5725 to 5850	Pass
			30	21.60	5744.980	5725 to 5850	Pass
			35	21.60	5745.000	5725 to 5850	Pass
			40	21.60	5745.000	5725 to 5850	Pass



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		5785	20	18.36	5784.980	5725 to 5850	Pass
				21.60	5785.020	5725 to 5850	Pass
				24.84	5785.000	5725 to 5850	Pass
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			10	21.60	5784.980	5725 to 5850	Pass
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			25	21.60	5785.020	5725 to 5850	Pass
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			35	21.60	5785.020	5725 to 5850	Pass
			40	21.60	5785.000	5725 to 5850	Pass
		5825	20	18.36	5825.000	5725 to 5850	Pass
				21.60	5825.000	5725 to 5850	Pass
				24.84	5825.020	5725 to 5850	Pass
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			5	21.60	5825.000	5725 to 5850	Pass
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			15	21.60	5825.020	5725 to 5850	Pass
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802.11n (HT40)	SISO	5510	20	18.36	5509.800	5470 to 5725	Pass
				21.60	5510.080	5470 to 5725	Pass
				24.84	5510.120	5470 to 5725	Pass
			0	21.60	5510.120	5470 to 5725	Pass
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			15	21.60	5510.080	5470 to 5725	Pass
			25	21.60	5510.240	5470 to 5725	Pass
			30	21.60	5510.200	5470 to 5725	Pass
			35	21.60	5510.120	5470 to 5725	Pass
			40	21.60	5510.080	5470 to 5725	Pass
		5550	20	18.36	5550.080	5470 to 5725	Pass
				21.60	5550.160	5470 to 5725	Pass
				24.84	5550.200	5470 to 5725	Pass
			0	21.60	5550.240	5470 to 5725	Pass
			5	21.60	5550.040	5470 to 5725	Pass
			10	21.60	5550.200	5470 to 5725	Pass
			15	21.60	5550.080	5470 to 5725	Pass



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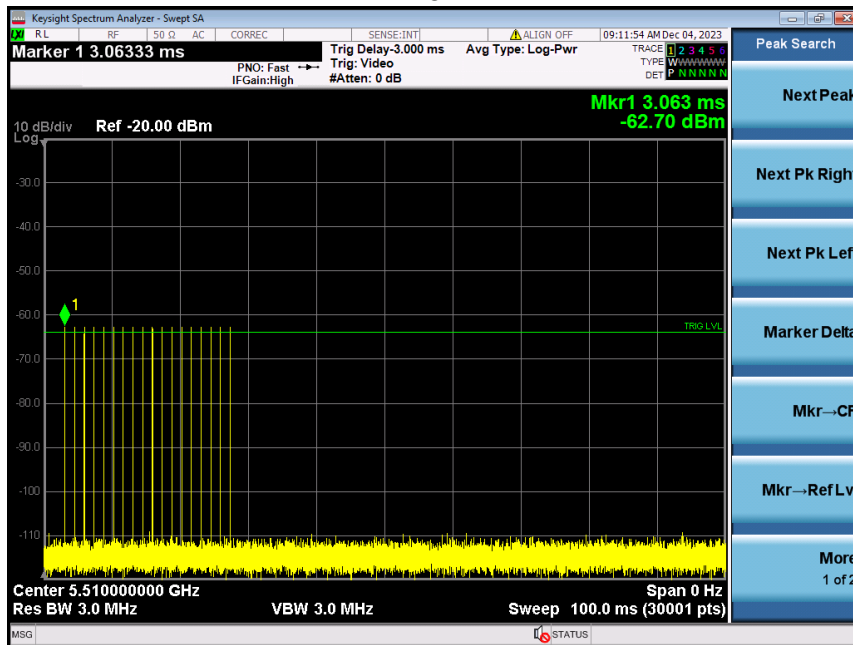
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			25	21.60	5550.080	5470 to 5725	Pass
			30	21.60	5550.120	5470 to 5725	Pass
			35	21.60	5550.200	5470 to 5725	Pass
			40	21.60	5550.080	5470 to 5725	Pass
	5670	20		18.36	5670.080	5470 to 5725	Pass
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				24.84	5670.120	5470 to 5725	Pass
		0		21.60	5670.120	5470 to 5725	Pass
				21.60	5670.080	5470 to 5725	Pass
				21.60	5670.120	5470 to 5725	Pass
		15		21.60	5670.080	5470 to 5725	Pass
				21.60	5670.080	5470 to 5725	Pass
				21.60	5670.120	5470 to 5725	Pass
		30		21.60	5670.120	5470 to 5725	Pass
				21.60	5670.080	5470 to 5725	Pass
				21.60	5670.120	5470 to 5725	Pass
	5755	20		18.36	5755.000	5725 to 5850	Pass
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				24.84	5755.000	5725 to 5850	Pass
		0		21.60	5754.920	5725 to 5850	Pass
				21.60	5754.960	5725 to 5850	Pass
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		15		21.60	5755.040	5725 to 5850	Pass
				21.60	5754.960	5725 to 5850	Pass
				21.60	5755.040	5725 to 5850	Pass
		30		21.60	5755.000	5725 to 5850	Pass
				21.60	5755.000	5725 to 5850	Pass
				21.60	5755.080	5725 to 5850	Pass
	5795	20		18.36	5795.000	5725 to 5850	Pass
				21.60	5795.000	5725 to 5850	Pass
				24.84	5795.000	5725 to 5850	Pass
		0		21.60	5795.040	5725 to 5850	Pass
				21.60	5795.040	5725 to 5850	Pass
				21.60	5795.000	5725 to 5850	Pass
		15		21.60	5795.000	5725 to 5850	Pass
				21.60	5795.000	5725 to 5850	Pass
				21.60	5795.000	5725 to 5850	Pass
		35		21.60	5795.000	5725 to 5850	Pass
				21.60	5794.960	5725 to 5850	Pass

6. DFS test data

Radar Signal value

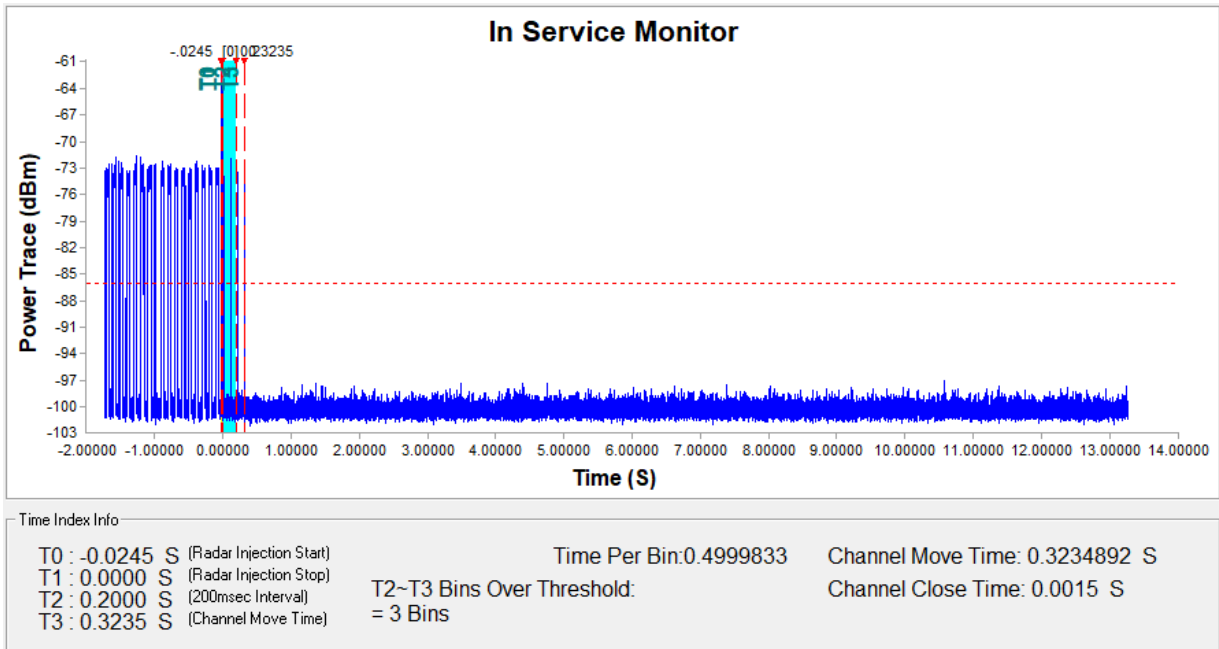
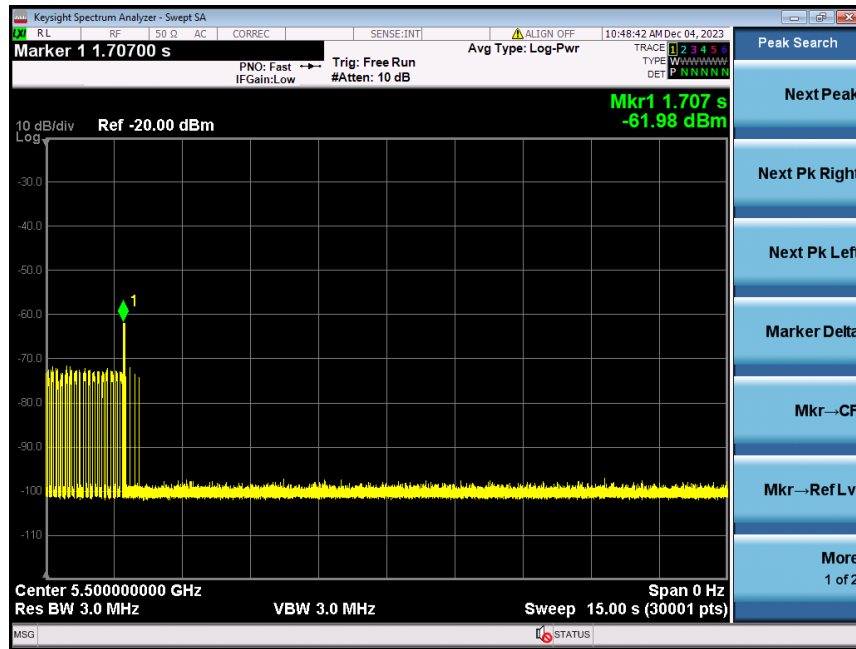


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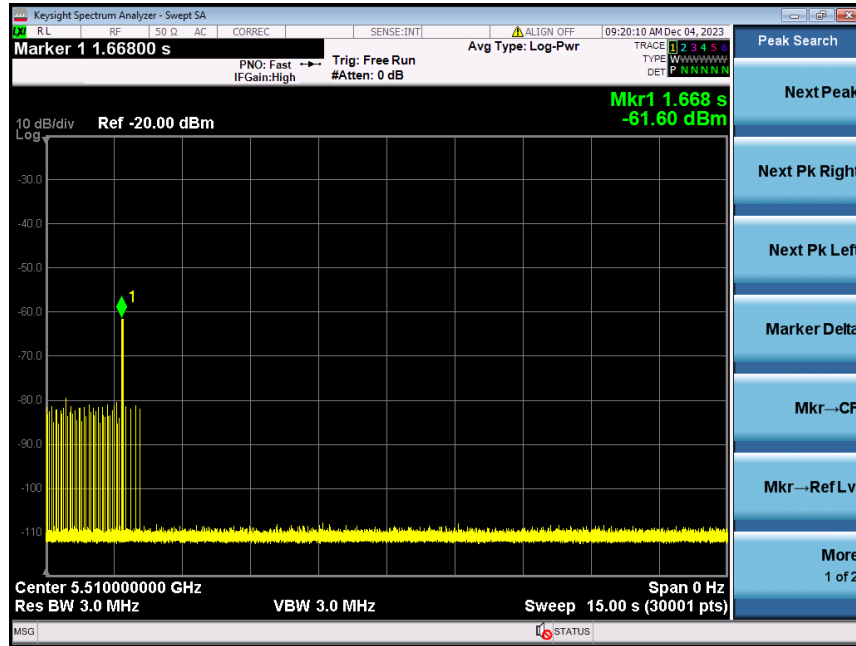
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Channel Closing Transmission Time and Channel Move Time

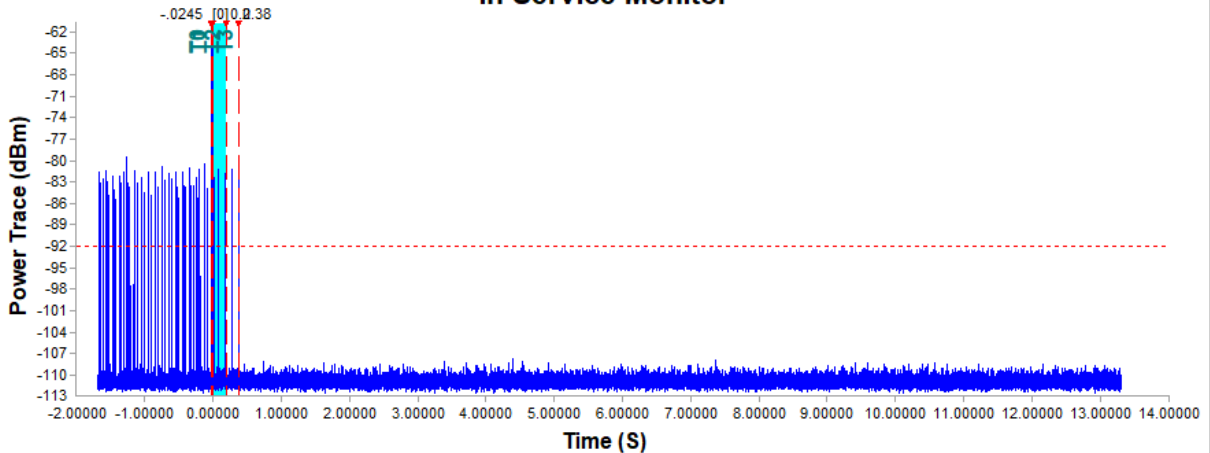
5500MHz



5510MHz



In Service Monitor



Time Index Info

T0 : -0.0245 S (Radar Injection Start)
T1 : 0.0000 S (Radar Injection Stop)
T2 : 0.2000 S (200msec Interval)
T3 : 0.3800 S (Channel Move Time)

Time Per Bin: 0.4999833

T2~T3 Bins Over Threshold:
= 4 Bins

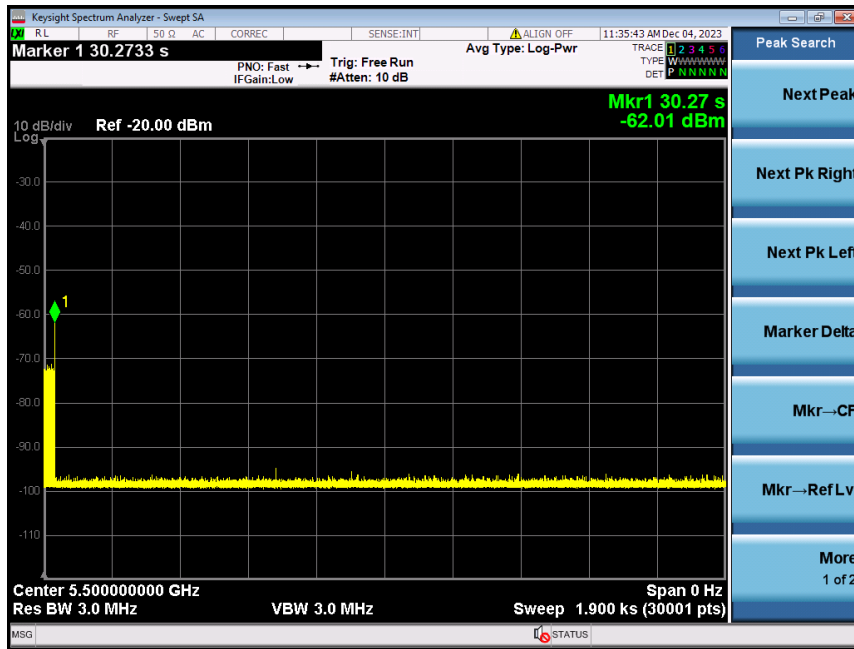
Channel Move Time: 0.3799873 S

Channel Close Time: 0.0019999 S

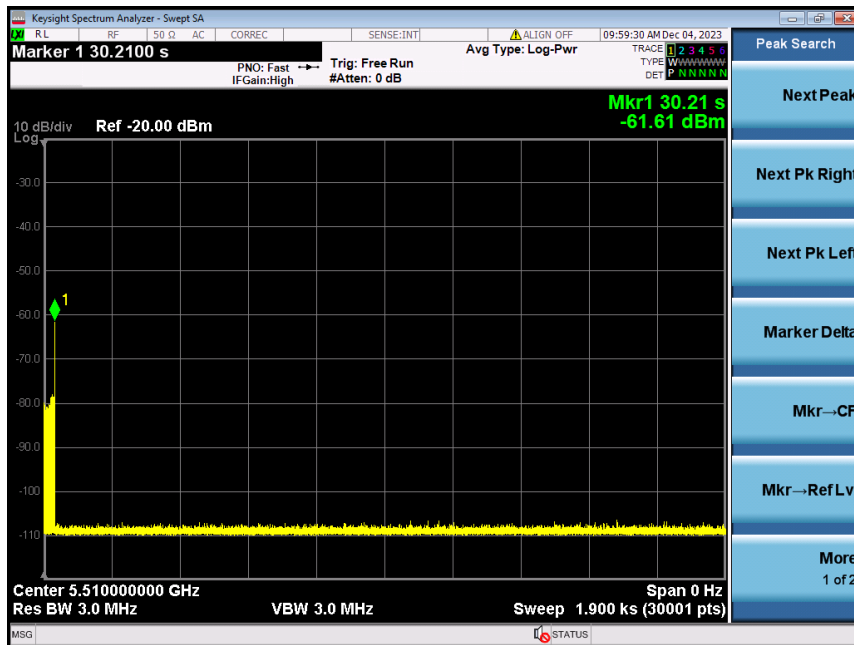


Non-occupancy period

5500MHz



5510MHz



- End of the Report -