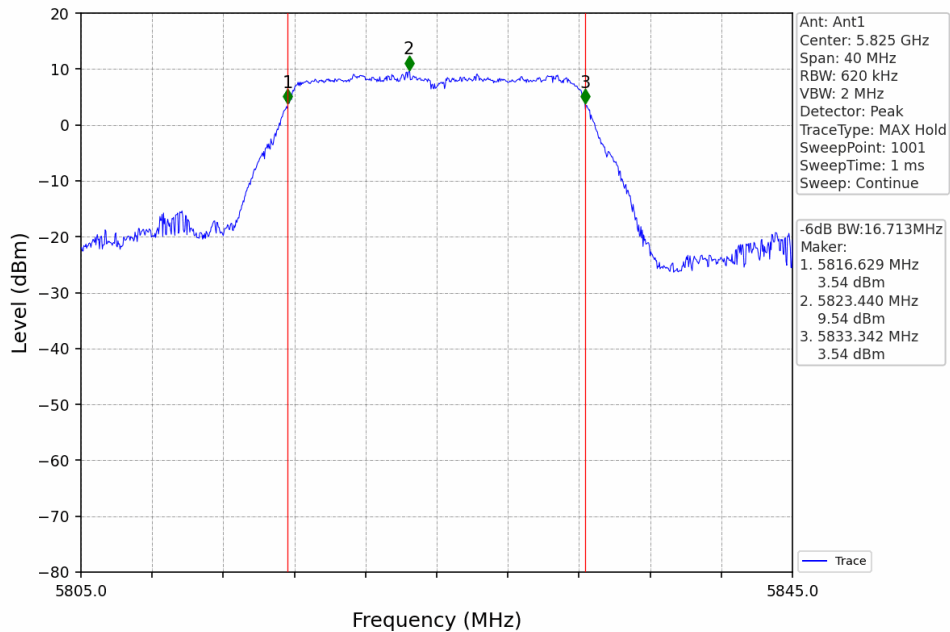
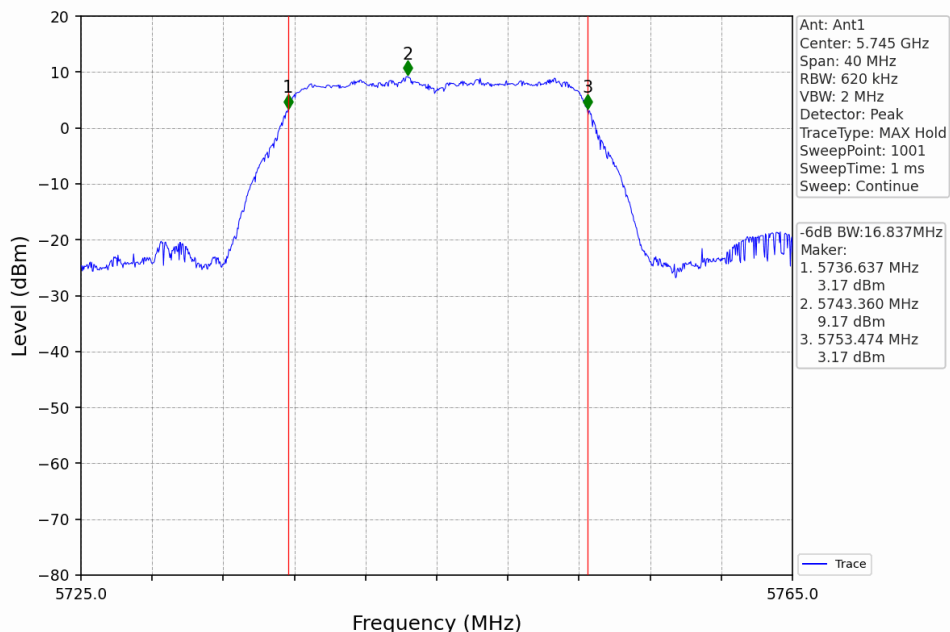


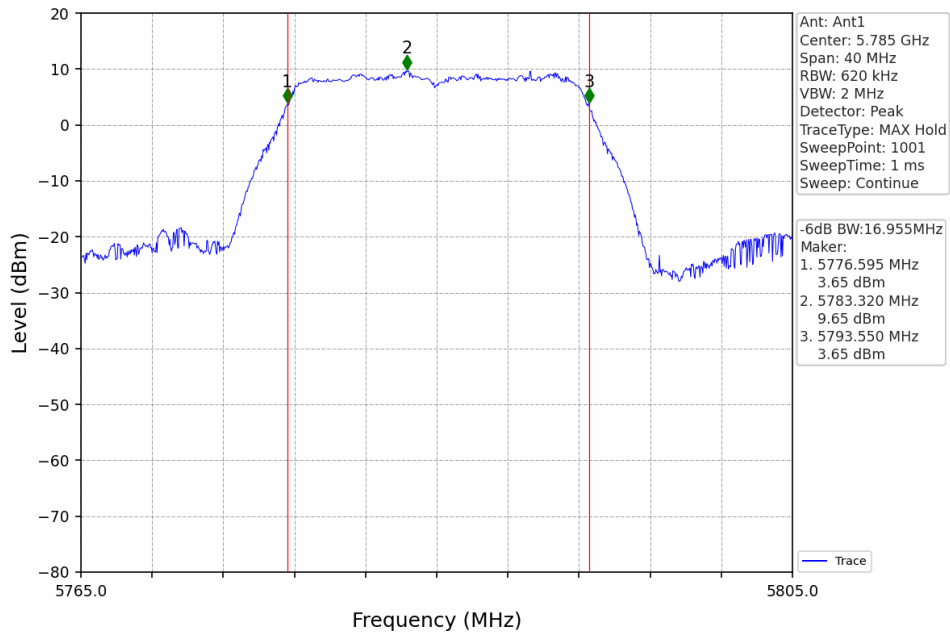
802.11a_HCH_5825MHz_Ant1_NTNV



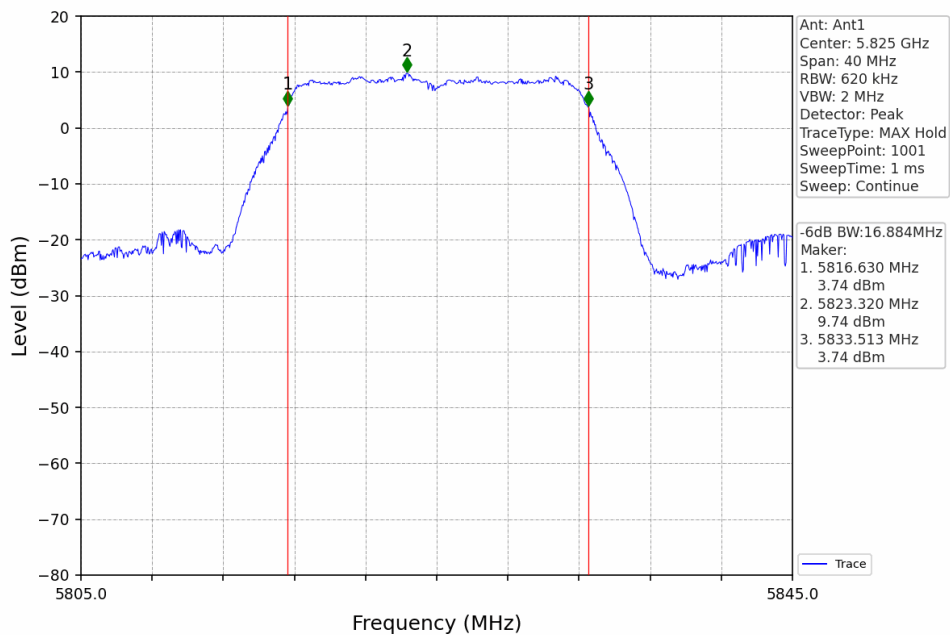
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV

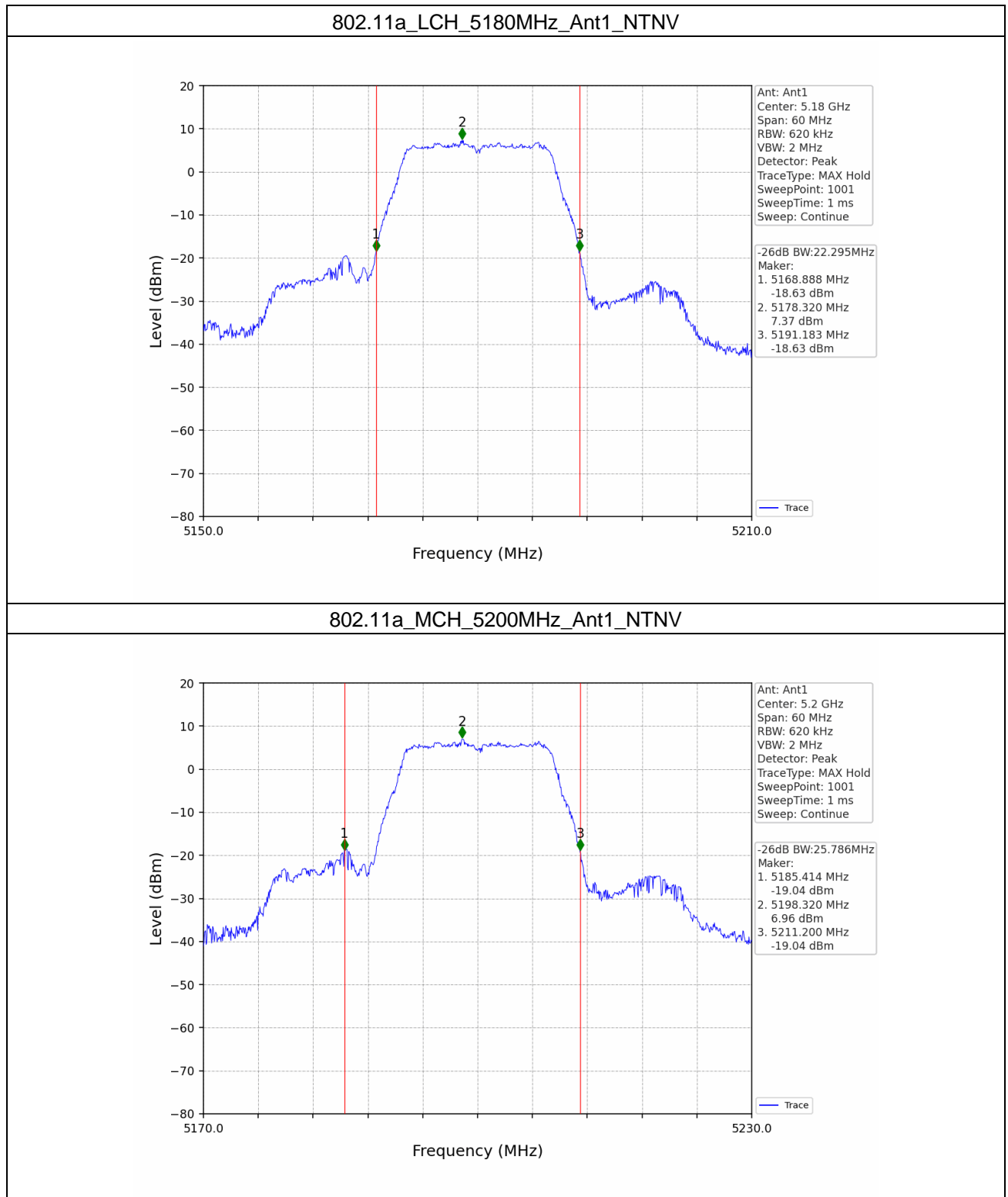


2.3 26dB BW

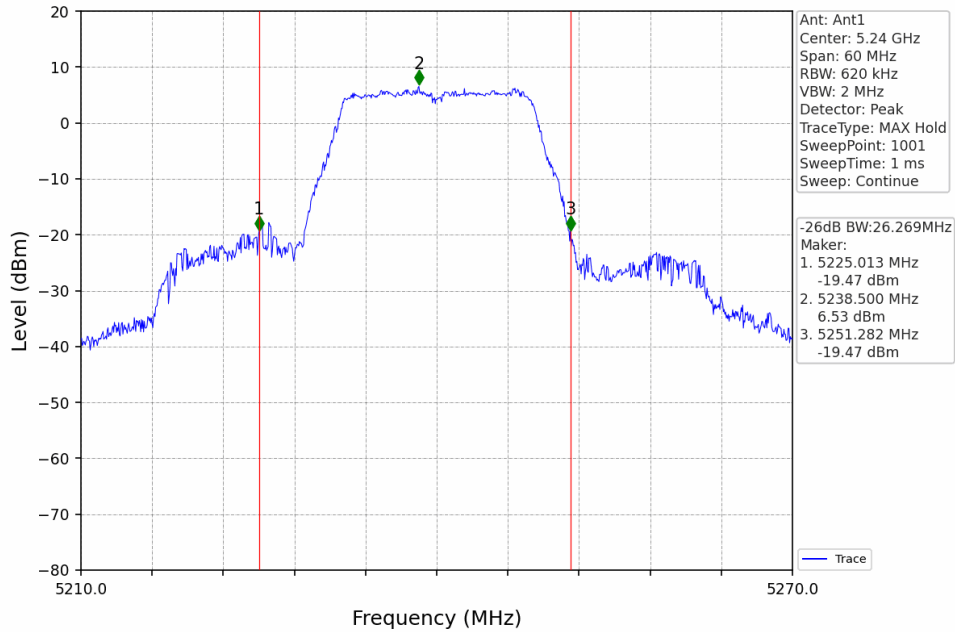
2.3.1 Test Result

Mode	TX Type	Frequency (MHz)	Ant	26dB Bandwidth (MHz)	Verdict
				Result	
802.11a	SISO	5180	1	22.295	Pass
		5200	1	25.786	Pass
		5240	1	26.269	Pass
		5260	1	26.188	Pass
		5300	1	27.894	Pass
		5320	1	22.302	Pass
		5500	1	22.330	Pass
		5580	1	22.340	Pass
		5700	1	22.316	Pass
802.11n (HT20)	SISO	5180	1	22.258	Pass
		5200	1	26.172	Pass
		5240	1	26.309	Pass
		5260	1	22.306	Pass
		5300	1	26.085	Pass
		5320	1	26.136	Pass
		5500	1	22.186	Pass
		5580	1	22.388	Pass
		5700	1	30.642	Pass

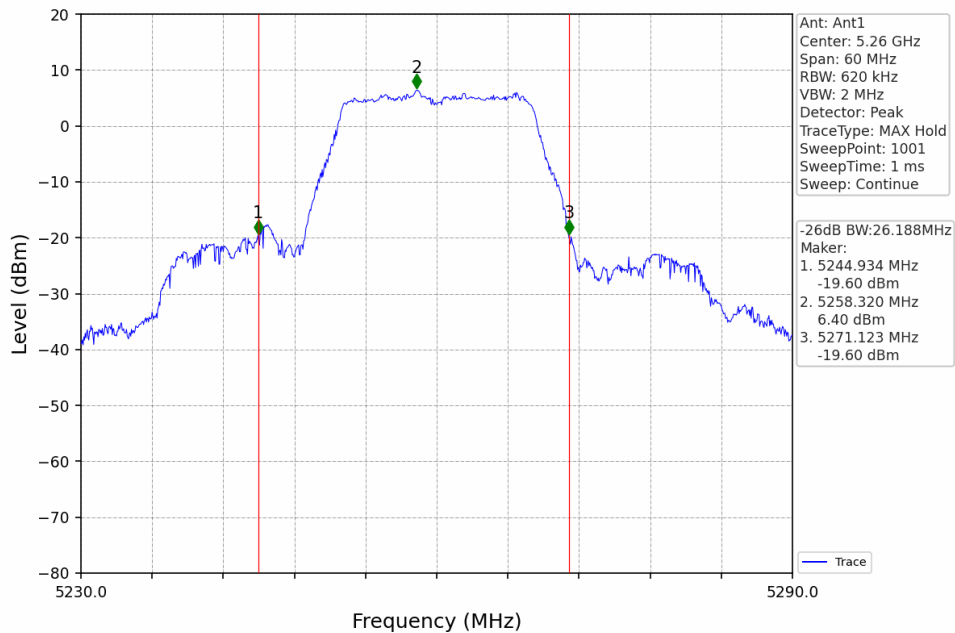
2.3.2 Test Graph



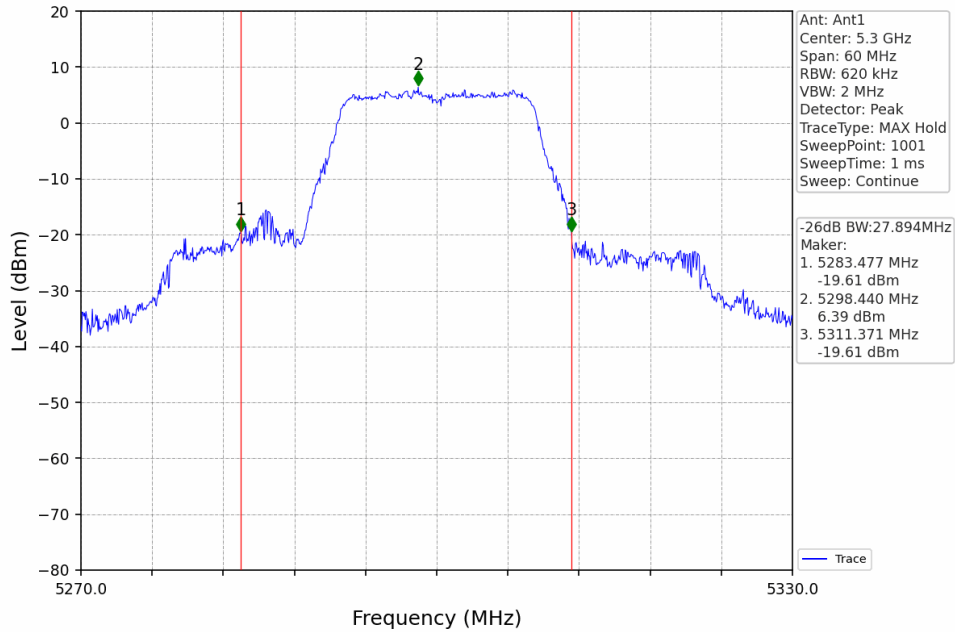
802.11a_HCH_5240MHz_Ant1_NTNV



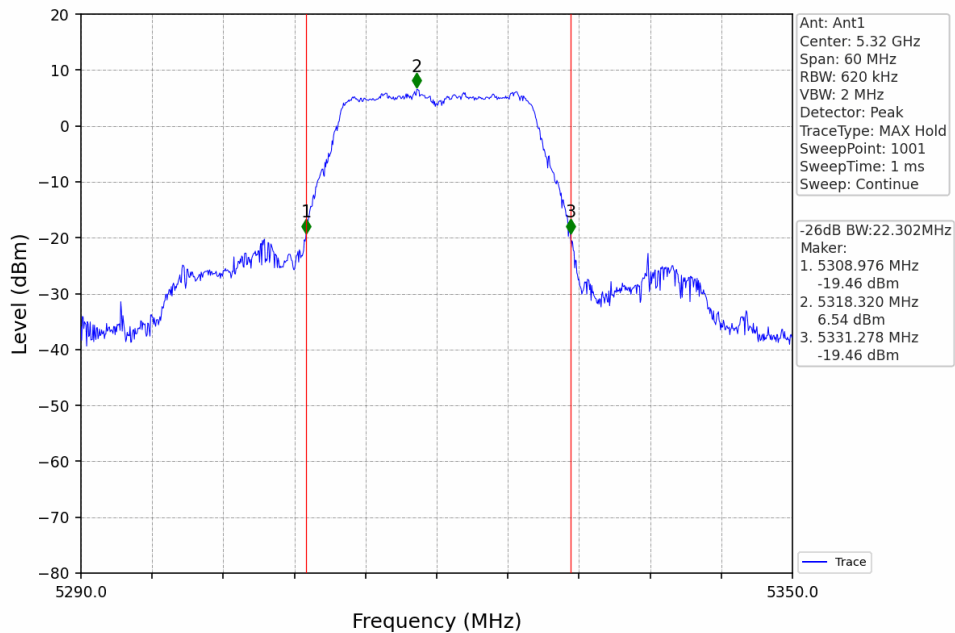
802.11a_LCH_5260MHz_Ant1_NTNV



802.11a_MCH_5300MHz_Ant1_NTNV

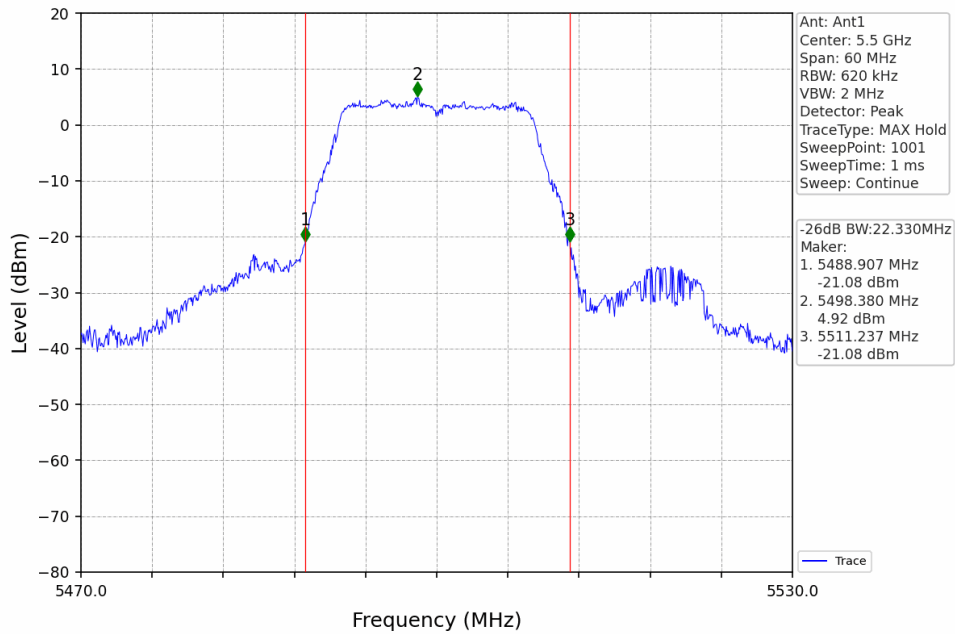


802.11a_HCH_5320MHz_Ant1_NTNV

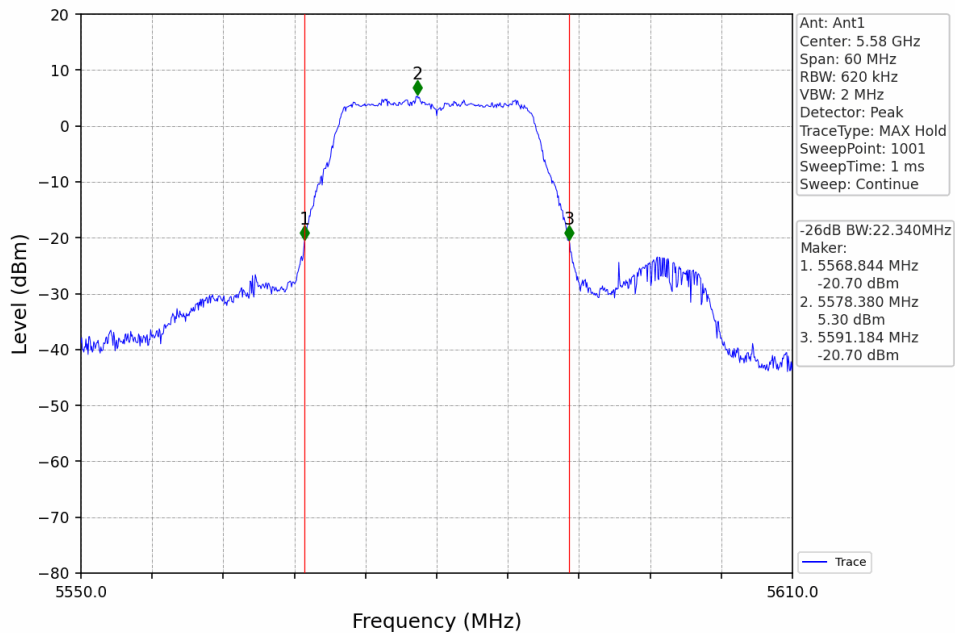


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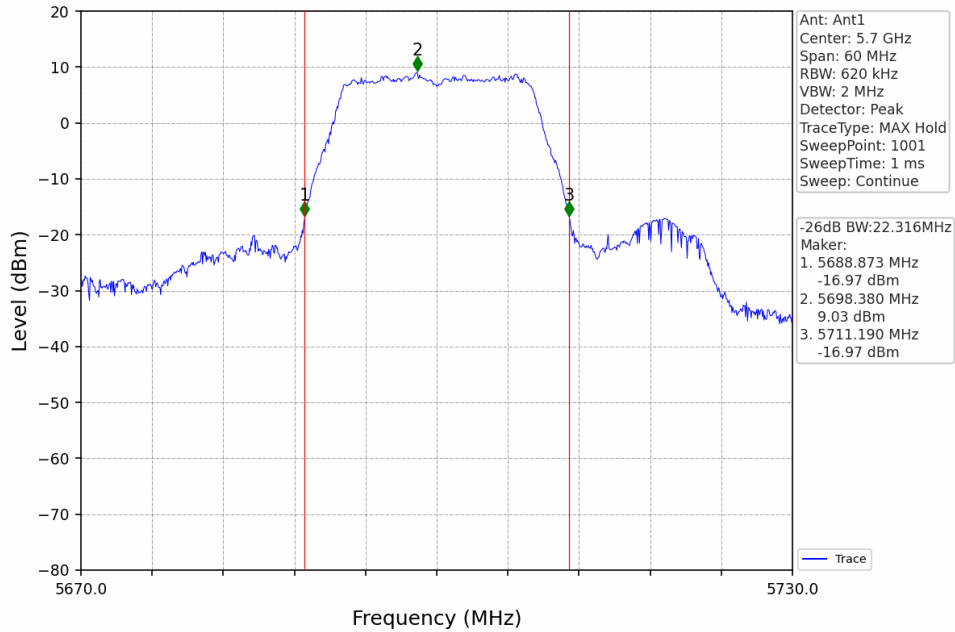
802.11a_LCH_5500MHz_Ant1_NTNV



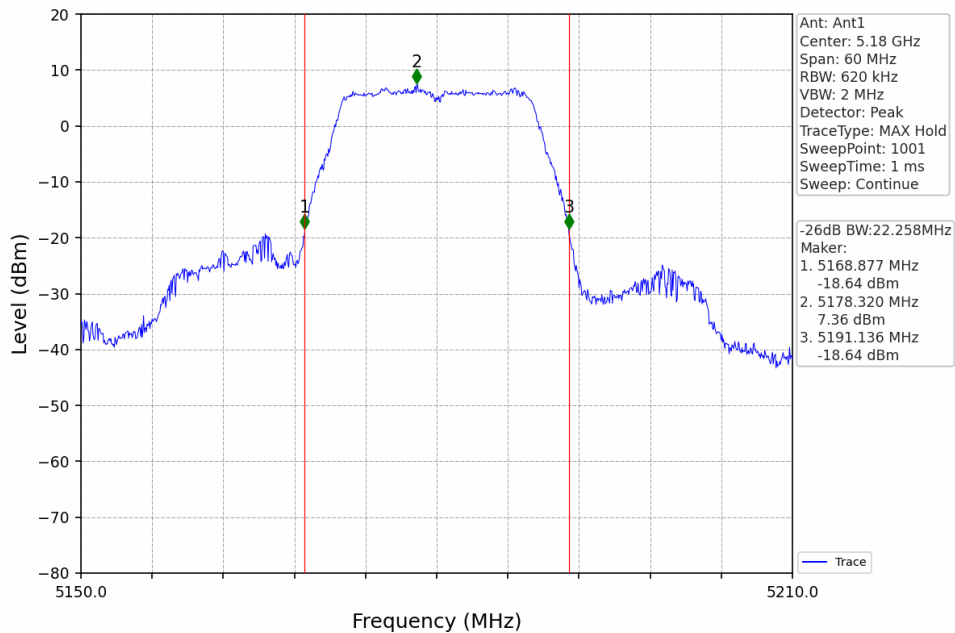
802.11a_MCH_5580MHz_Ant1_NTNV



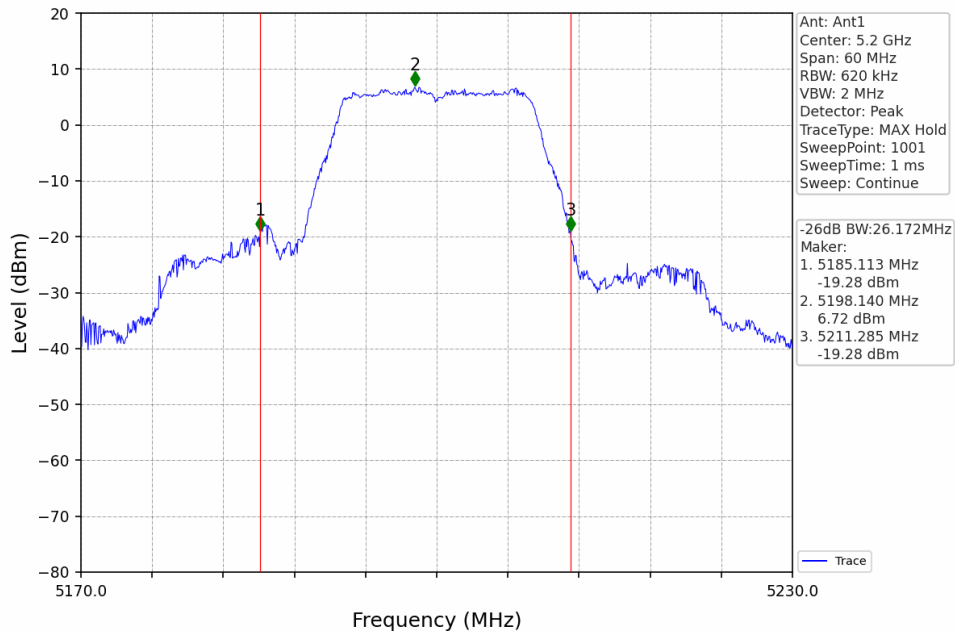
802.11a_HCH_5700MHz_Ant1_NTNV



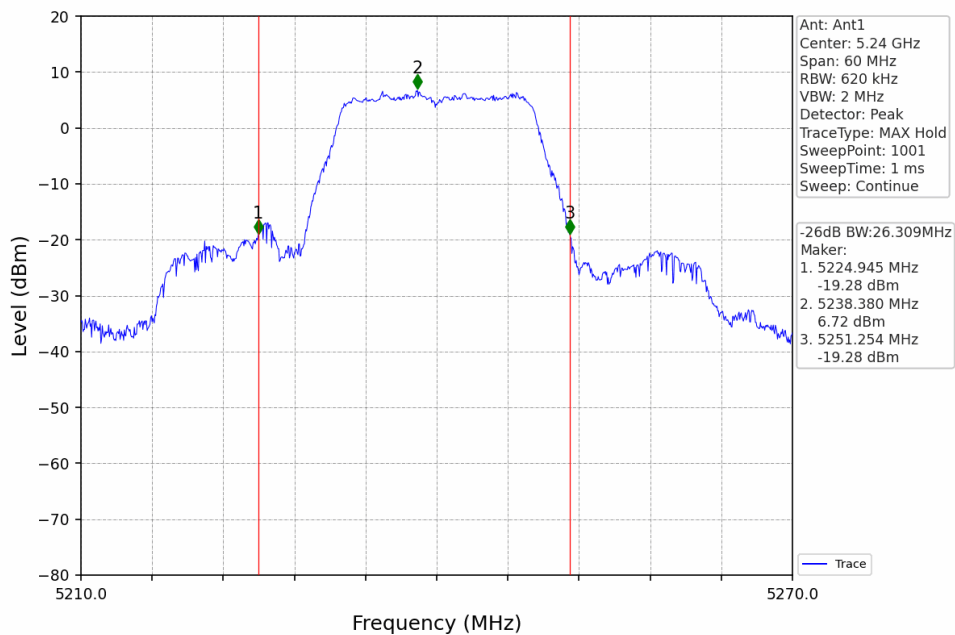
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



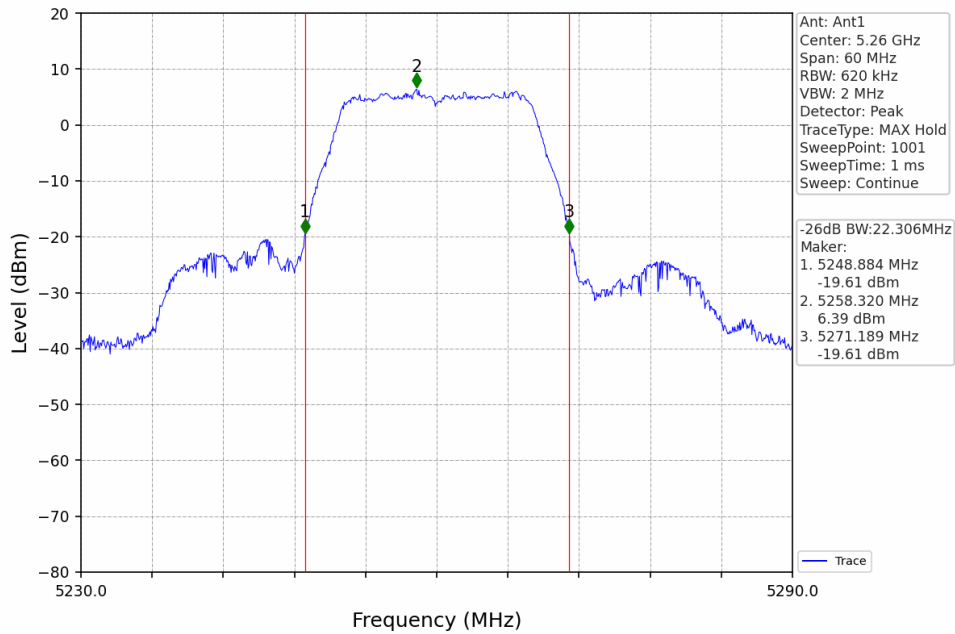
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



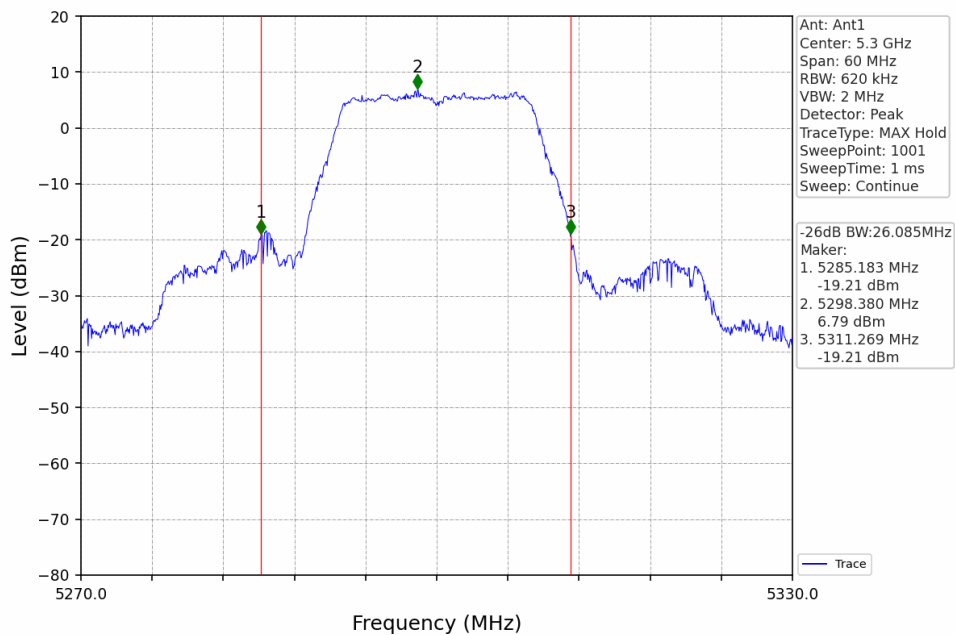
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



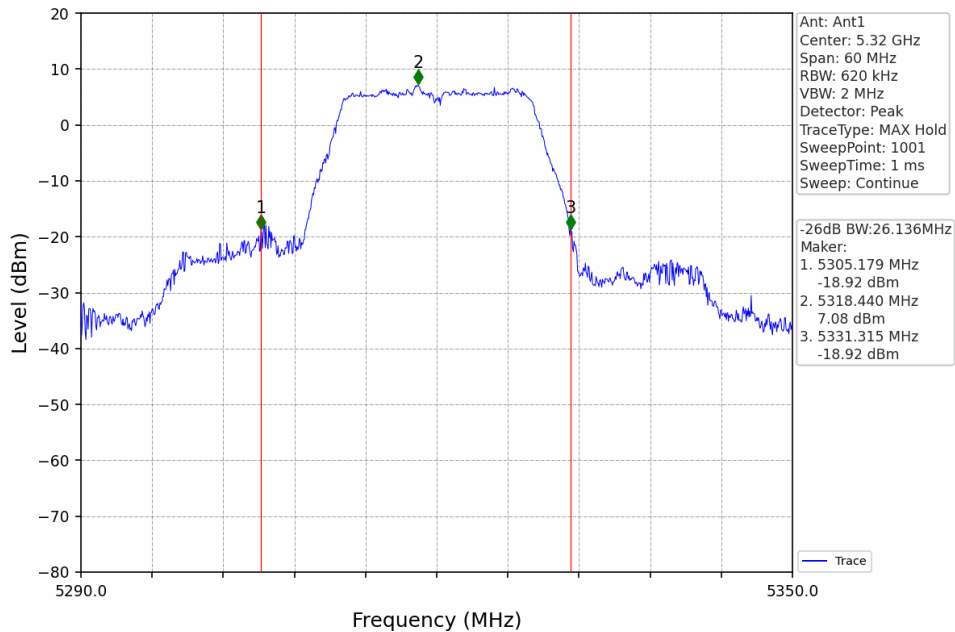
802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



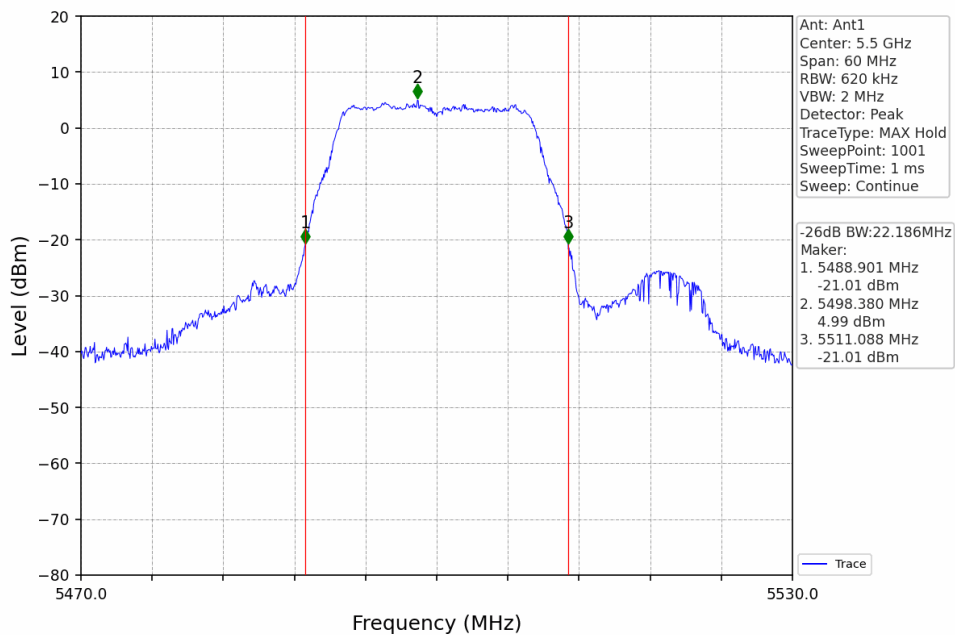
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



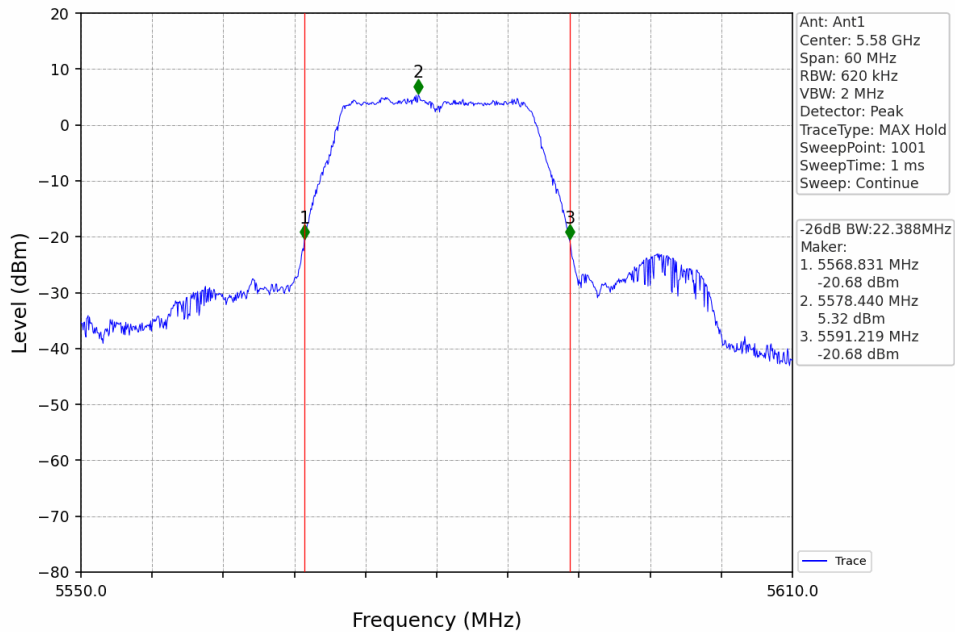
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



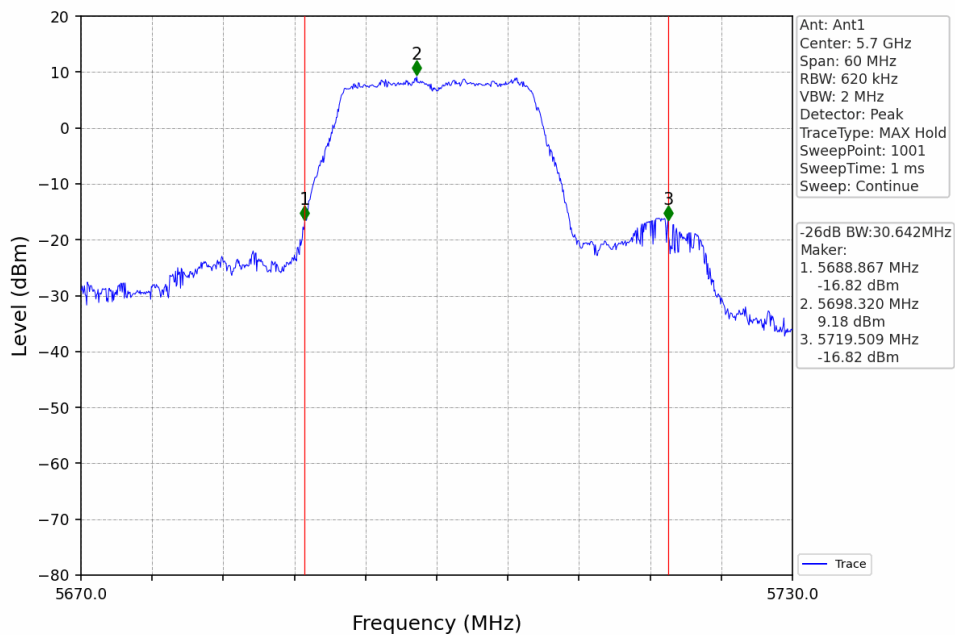
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



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3. Maximum Conducted Output Power

3.1 Power

3.1.1 Test Result

Mode	TX Type	Frequency (MHz)	Maximum Conducted Output Power (dBm)		Verdict
			Ant1	Limit	
802.11a	SISO	5180	12.88	≤ 23.98	Pass
		5200	12.46	≤ 23.98	Pass
		5240	12.14	≤ 23.98	Pass
		5260	11.84	≤ 23.98	Pass
		5300	11.94	≤ 23.98	Pass
		5320	12.10	≤ 23.98	Pass
		5500	10.40	≤ 23.98	Pass
		5580	10.84	≤ 23.98	Pass
		5700	14.67	≤ 23.98	Pass
		5745	14.78	≤ 30	Pass
		5785	15.18	≤ 30	Pass
		5825	15.25	≤ 30	Pass
802.11n (HT20)	SISO	5180	12.89	≤ 23.98	Pass
		5200	12.62	≤ 23.98	Pass
		5240	12.19	≤ 23.98	Pass
		5260	11.93	≤ 23.98	Pass
		5300	12.23	≤ 23.98	Pass
		5320	12.60	≤ 23.98	Pass
		5500	10.52	≤ 23.98	Pass
		5580	11.03	≤ 23.98	Pass
		5700	14.88	≤ 23.98	Pass
		5745	14.65	≤ 30	Pass
		5785	15.16	≤ 30	Pass
		5825	15.27	≤ 30	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;



4. Maximum Power Spectral Density

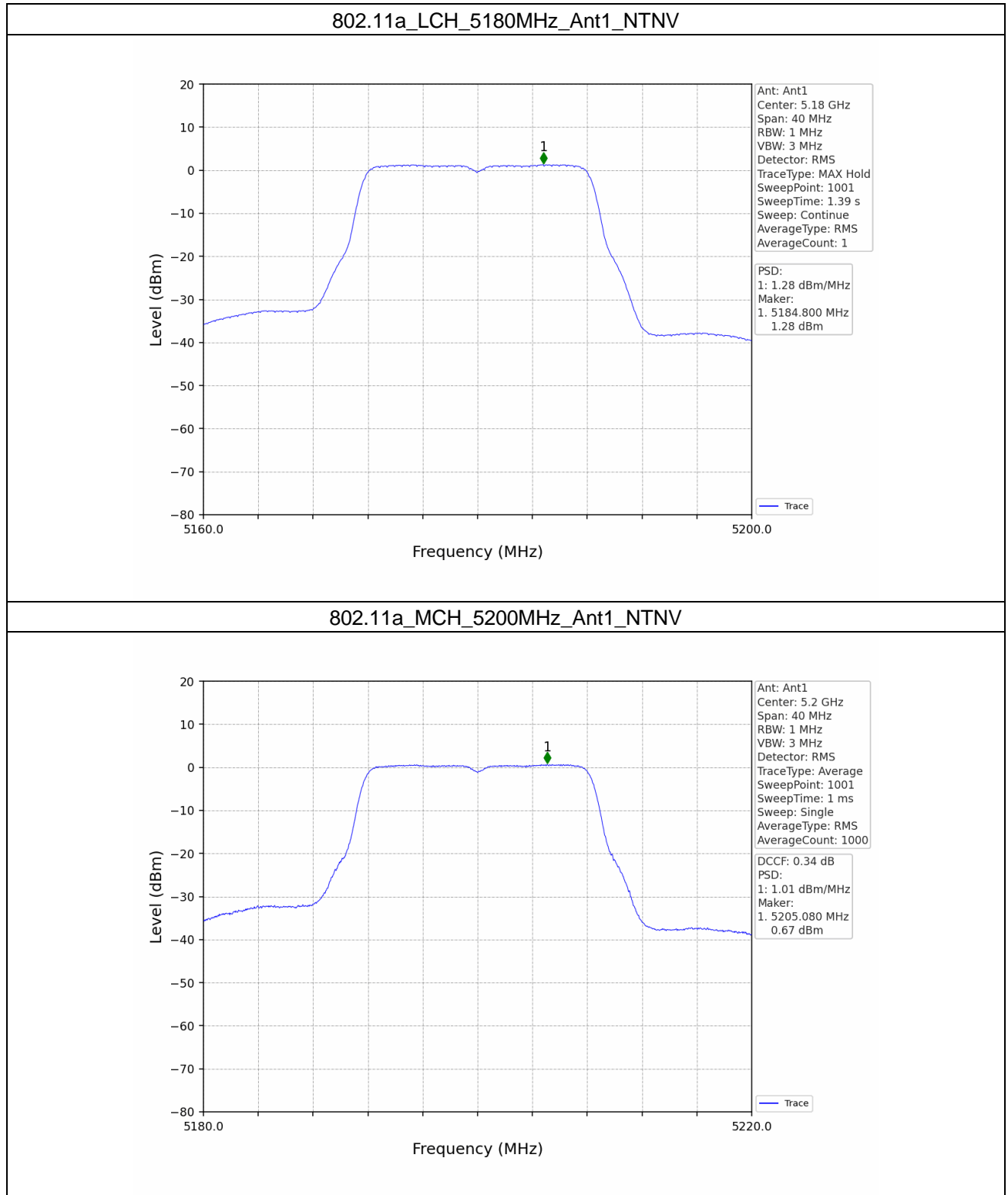
4.1 PSD

4.1.1 Test Result

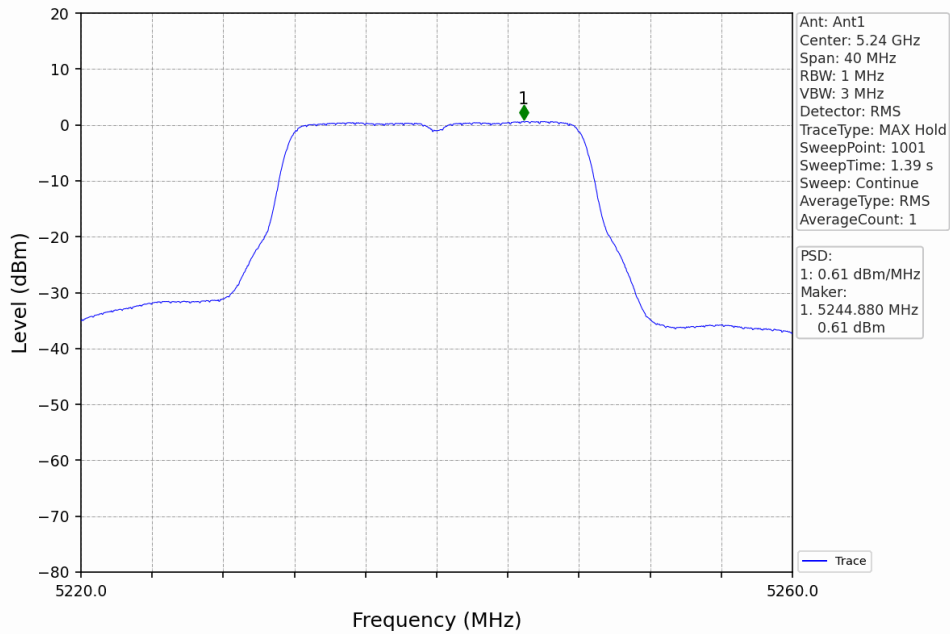
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			Ant1	Limit	
802.11a	SISO	5180	1.28	<=11	Pass
		5200	1.01	<=11	Pass
		5240	0.61	<=11	Pass
		5260	0.29	<=11	Pass
		5300	0.49	<=11	Pass
		5320	0.92	<=11	Pass
		5500	-0.88	<=11	Pass
		5580	-0.58	<=11	Pass
		5700	3.26	<=11	Pass
802.11n (HT20)	SISO	5180	1.35	<=11	Pass
		5200	1.18	<=11	Pass
		5240	0.67	<=11	Pass
		5260	0.47	<=11	Pass
		5300	0.77	<=11	Pass
		5320	1.12	<=11	Pass
		5500	-0.83	<=11	Pass
		5580	-0.41	<=11	Pass
		5700	3.41	<=11	Pass

Note1: Antenna Gain: Ant1: 3.00dBi;

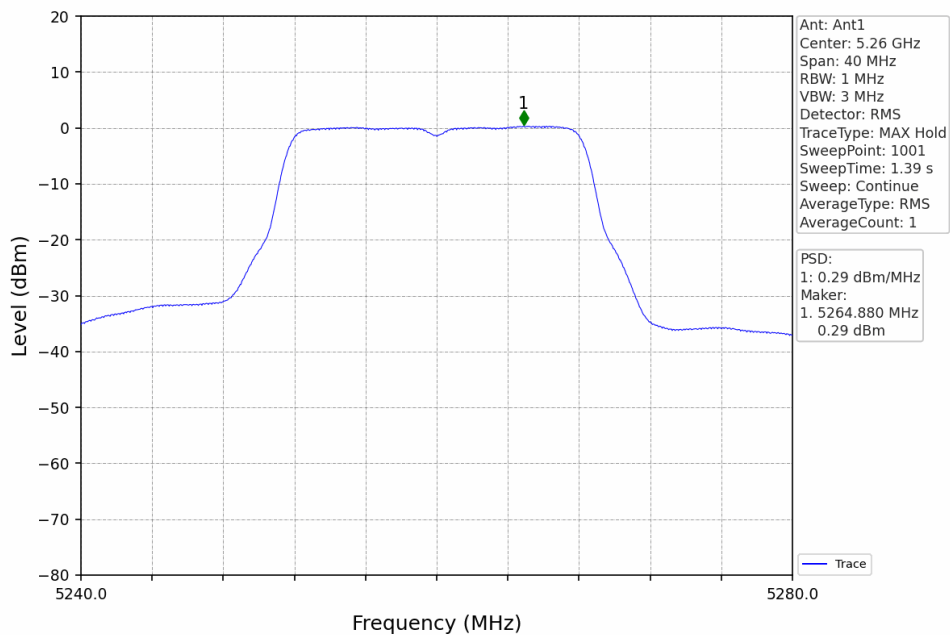
4.1.2 Test Graph



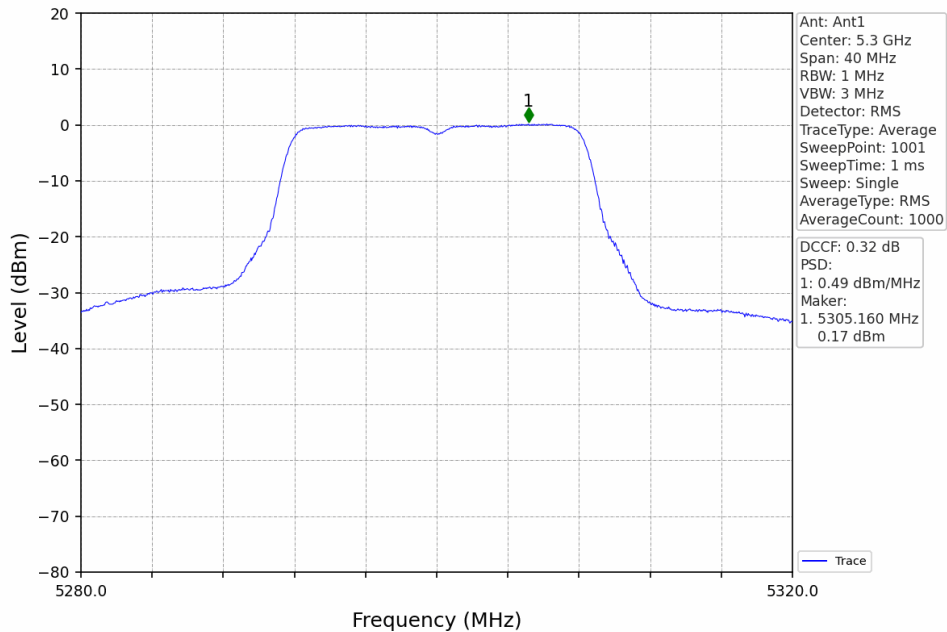
802.11a_HCH_5240MHz_Ant1_NTNV



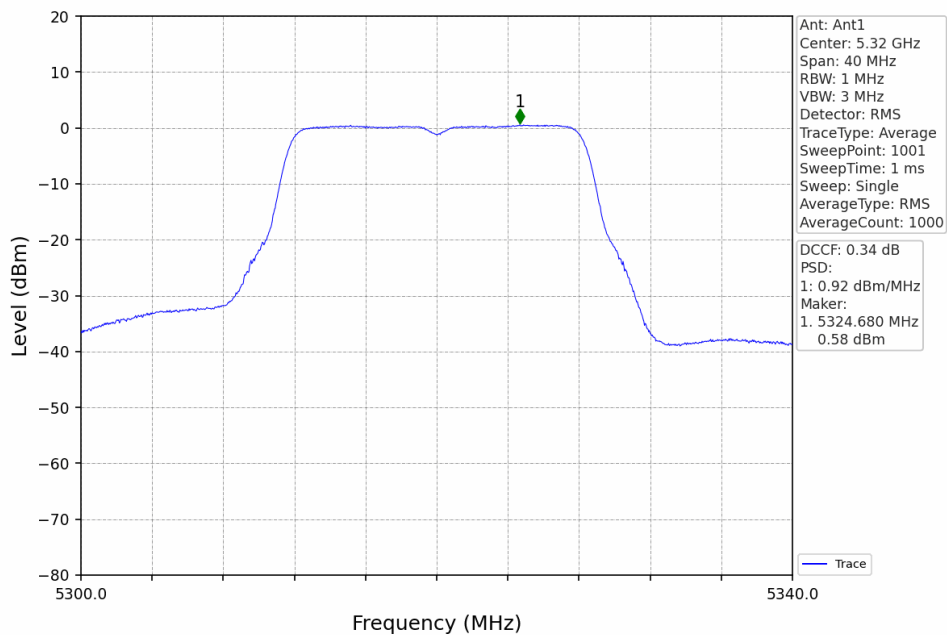
802.11a_LCH_5260MHz_Ant1_NTNV



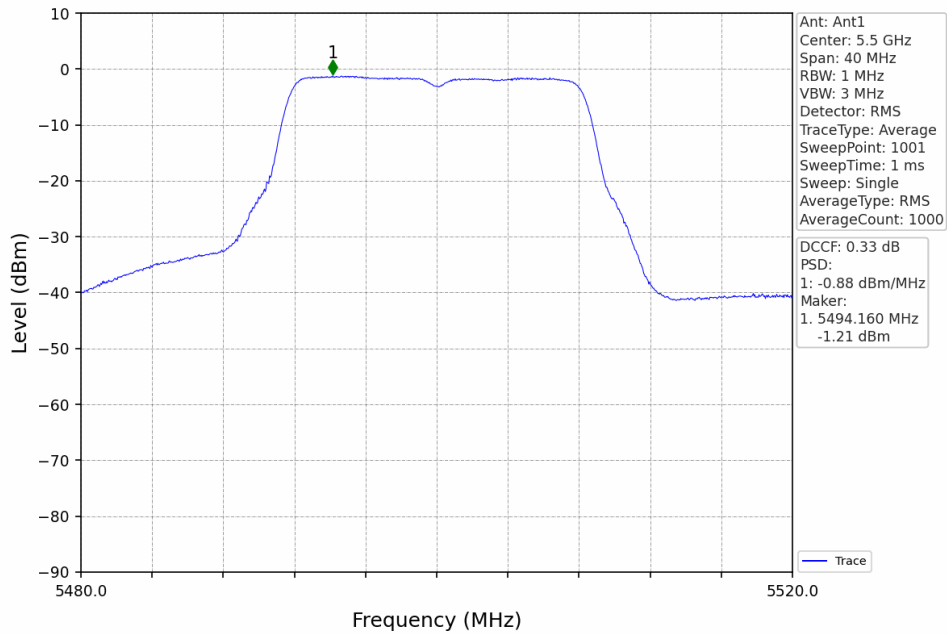
802.11a_MCH_5300MHz_Ant1_NTNV



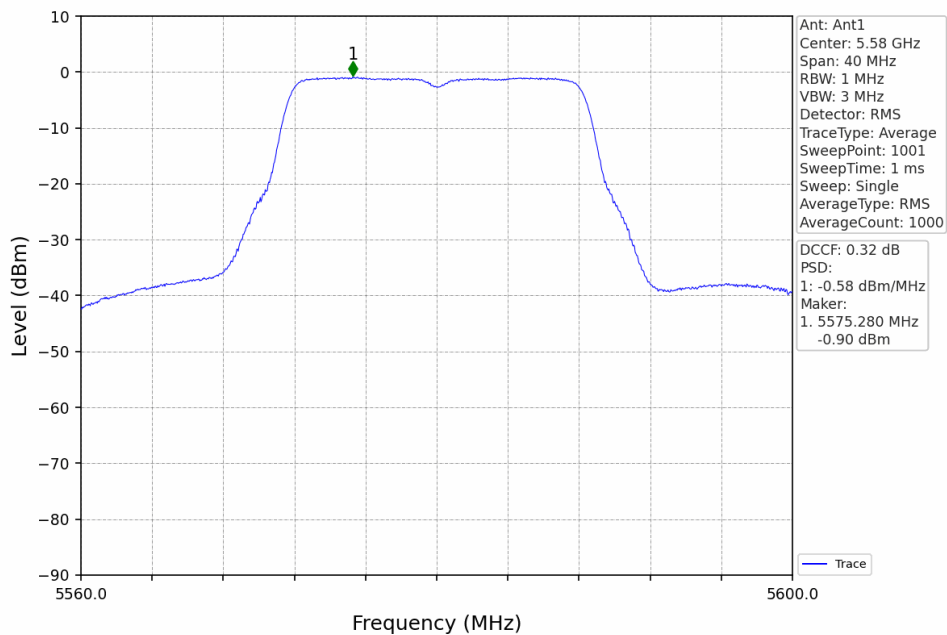
802.11a_HCH_5320MHz_Ant1_NTNV



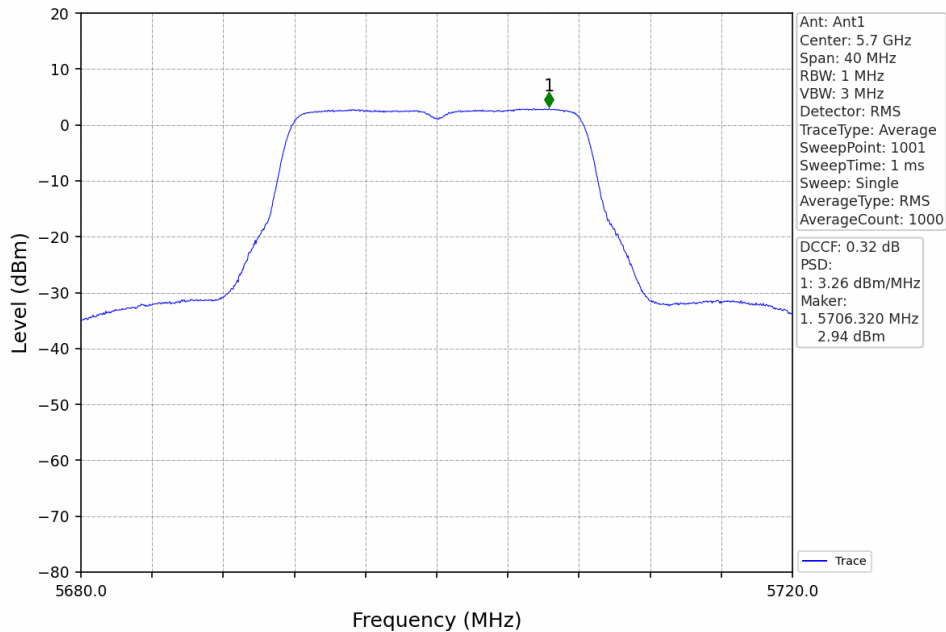
802.11a_LCH_5500MHz_Ant1_NTNV



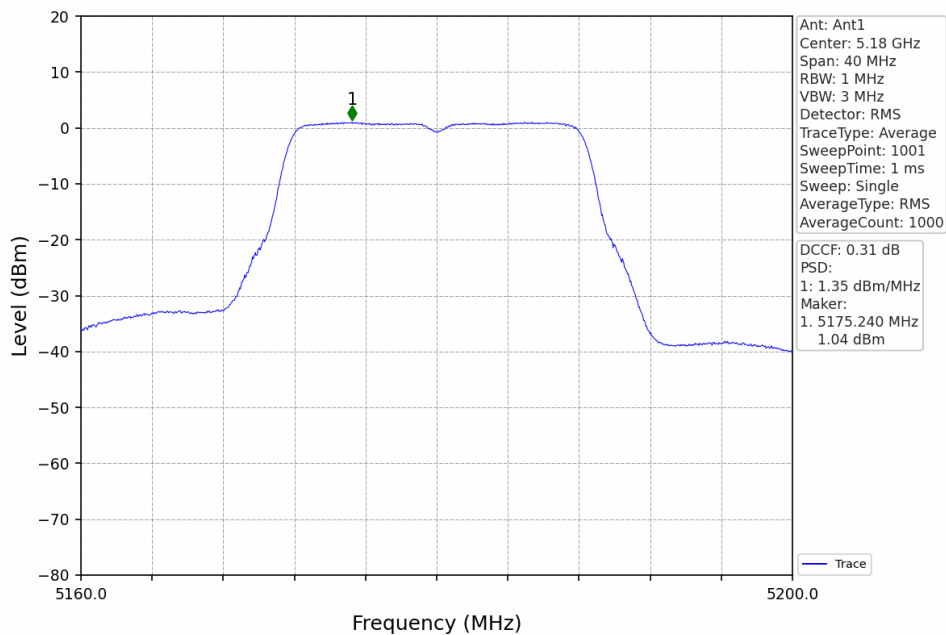
802.11a_MCH_5580MHz_Ant1_NTNV



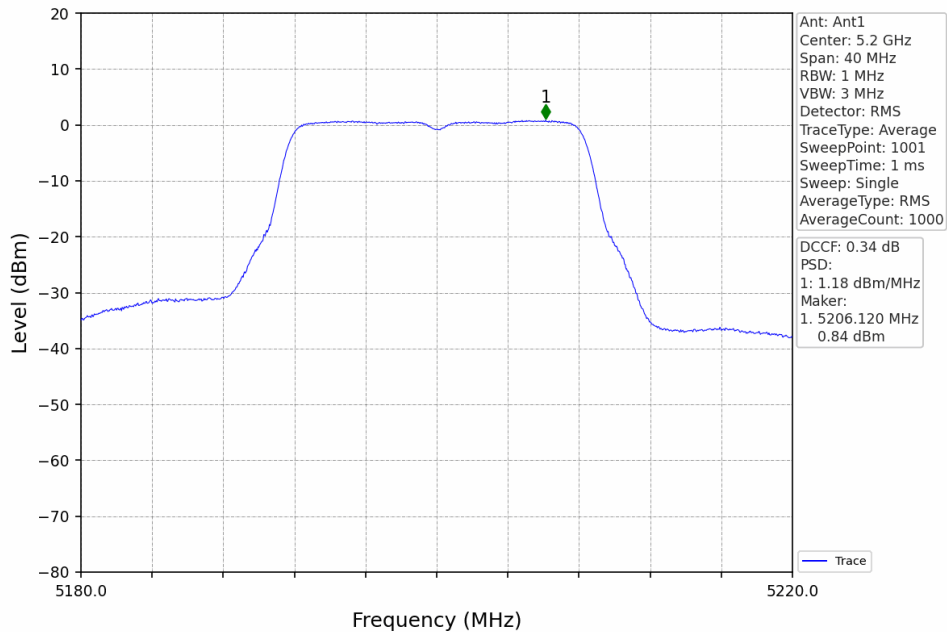
802.11a_HCH_5700MHz_Ant1_NTNV



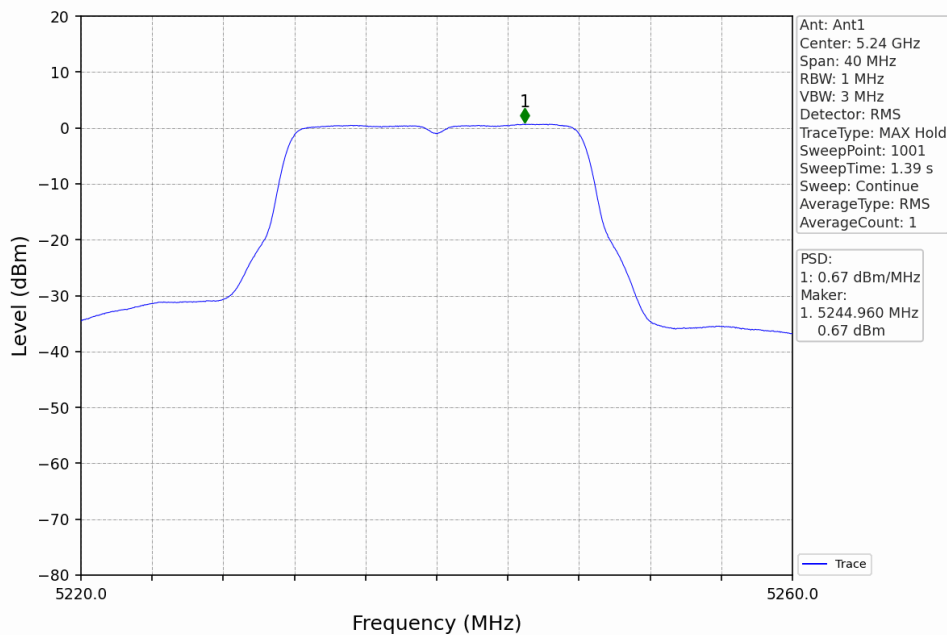
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



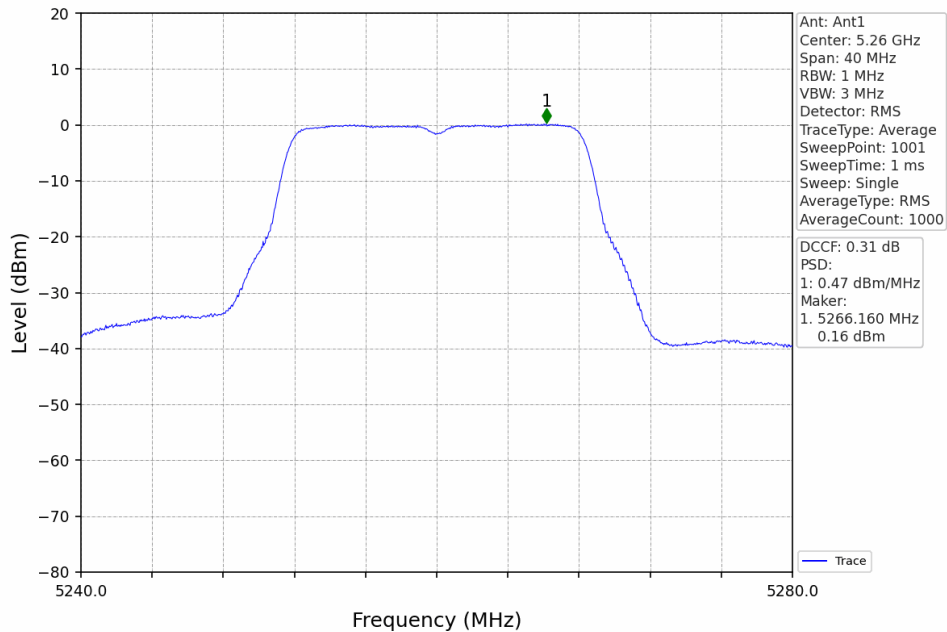
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



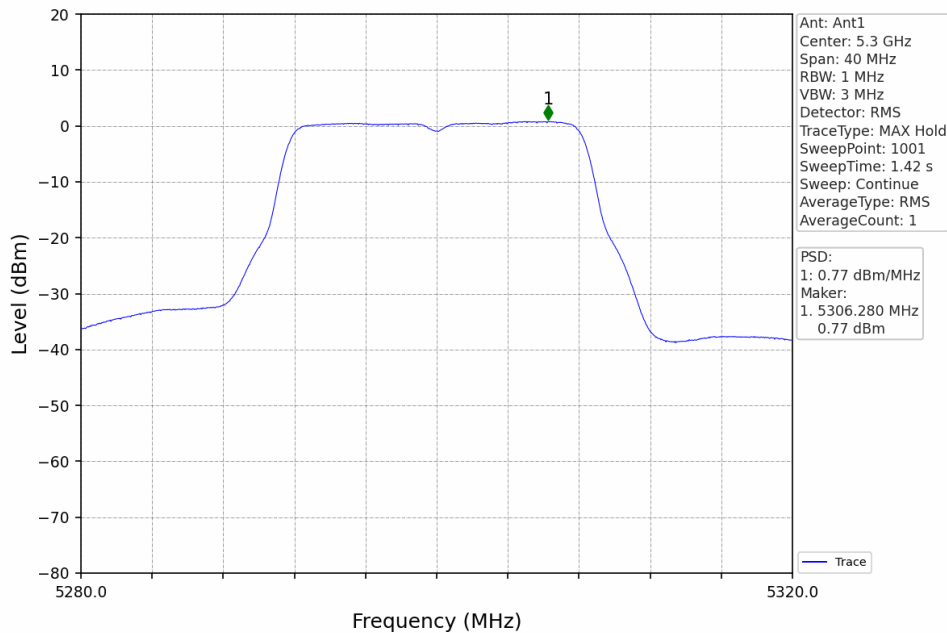
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



802.11n(HT20)_LCH_5260MHz_Ant1_NTNV



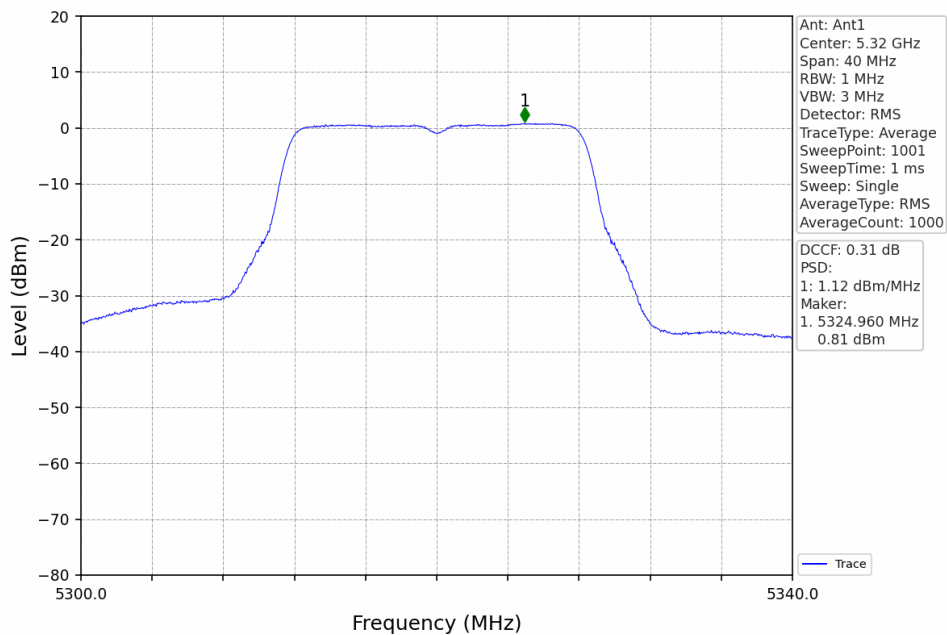
802.11n(HT20)_MCH_5300MHz_Ant1_NTNV



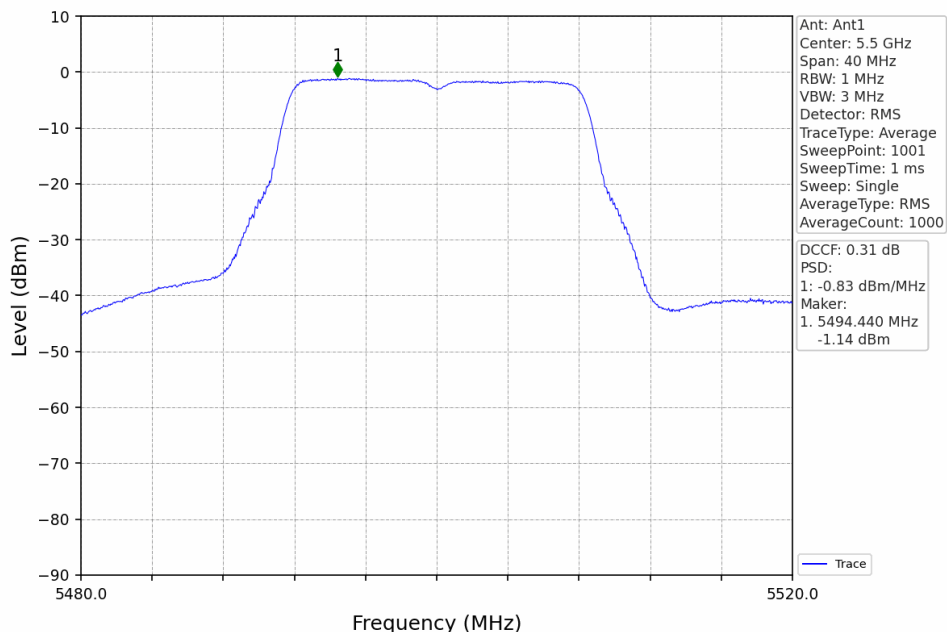
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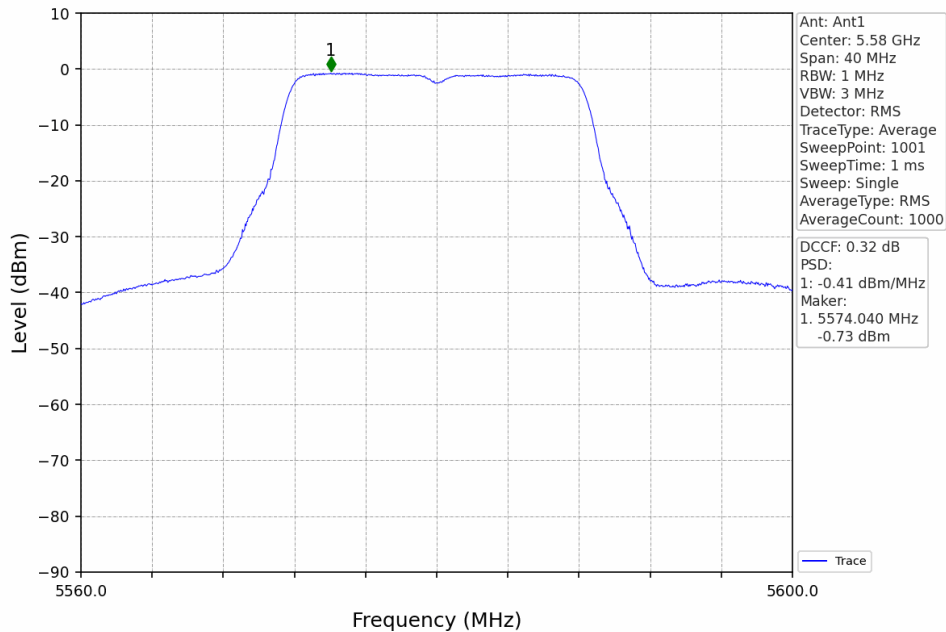
802.11n(HT20)_HCH_5320MHz_Ant1_NTNV



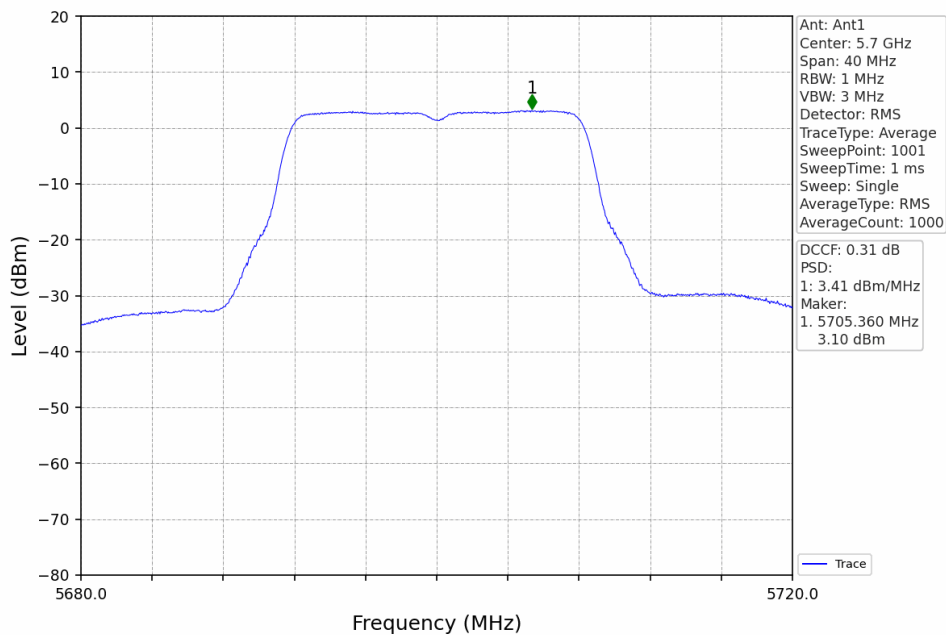
802.11n(HT20)_LCH_5500MHz_Ant1_NTNV



802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



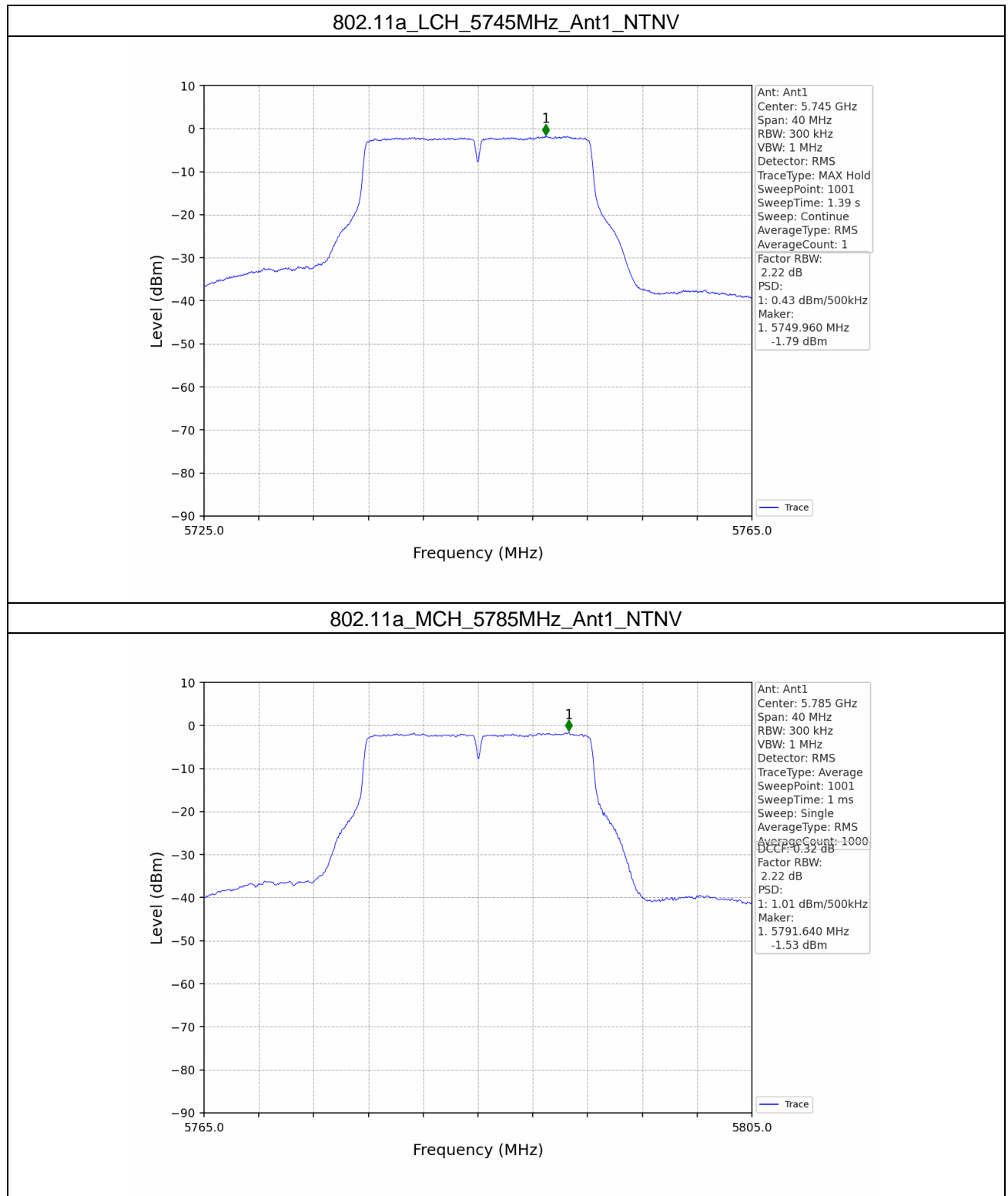
4.2 PSD-Band3

4.2.1 Test Result

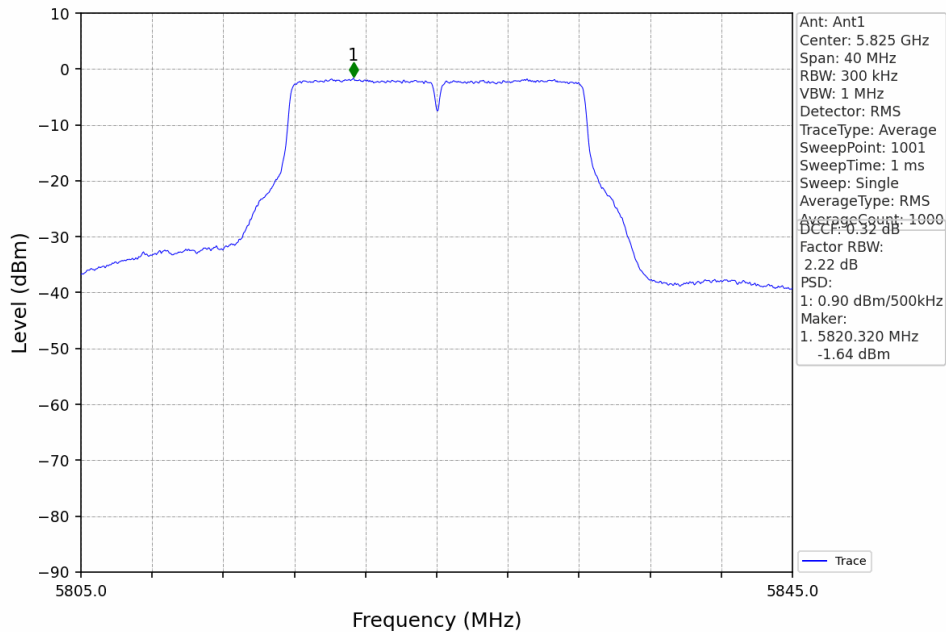
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			Ant1	Limit	
802.11a	SISO	5745	0.43	≤ 30	Pass
		5785	1.01	≤ 30	Pass
		5825	0.90	≤ 30	Pass
802.11n (HT20)	SISO	5745	0.47	≤ 30	Pass
		5785	0.74	≤ 30	Pass
		5825	0.83	≤ 30	Pass

Note1: Antenna Gain: Ant1: 0.00dBi;

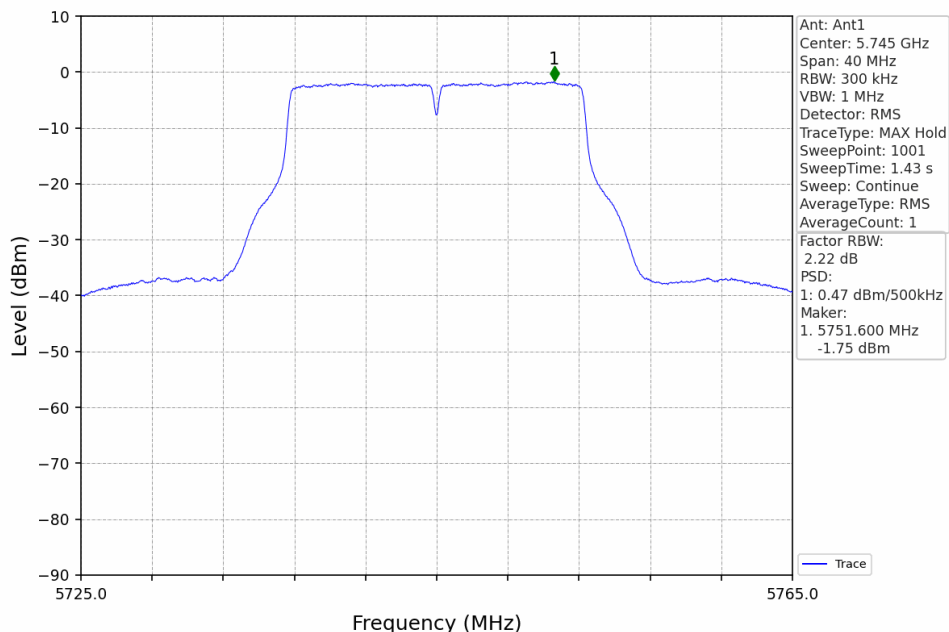
4.2.2 Test Graph



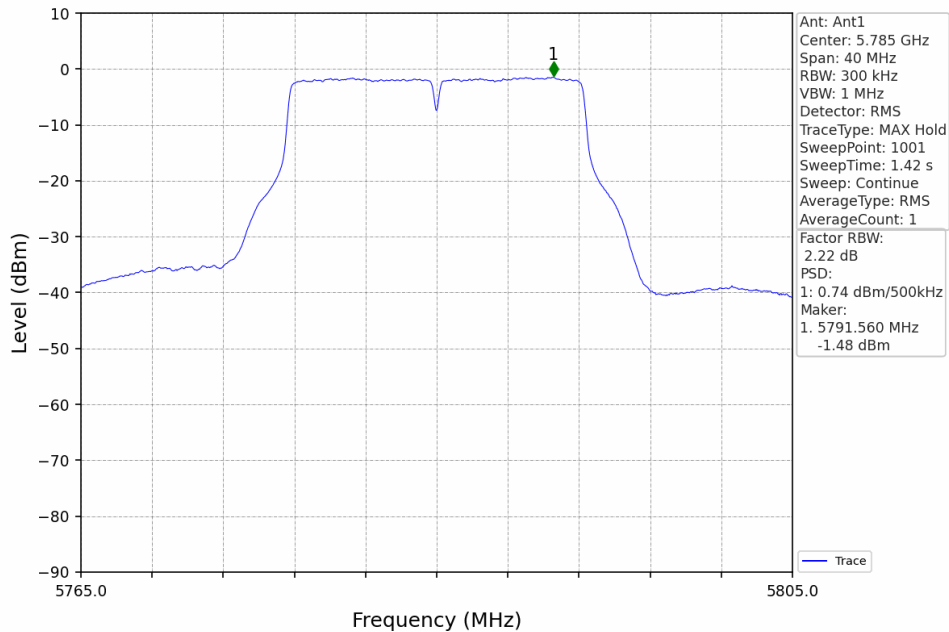
802.11a_HCH_5825MHz_Ant1_NTNV



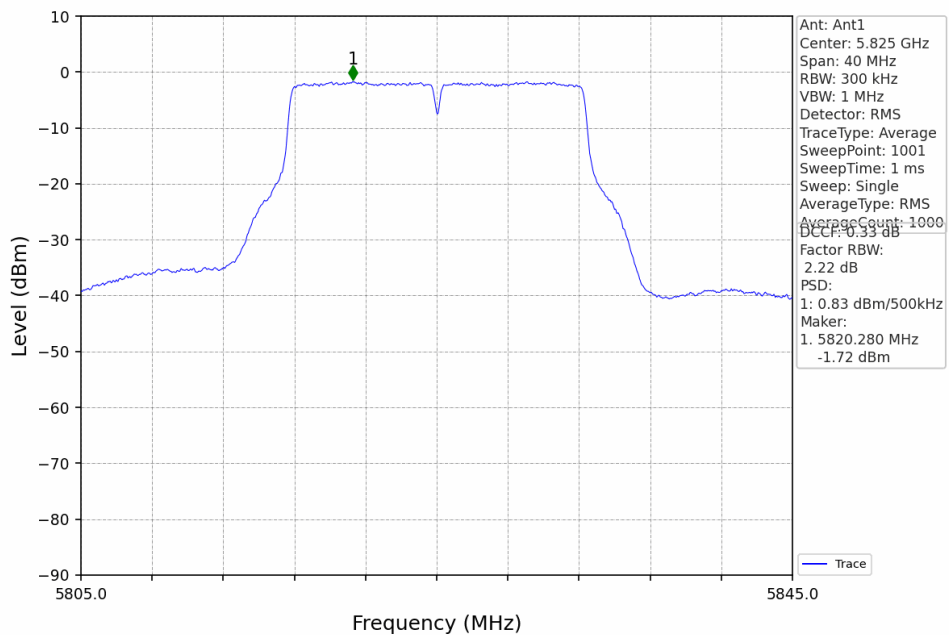
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



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	5180	20	4.25	5180.040	5150 to 5250	Pass
				5	5180.040	5150 to 5250	Pass
				5.75	5180.080	5150 to 5250	Pass
			-30	5	5180.080	5150 to 5250	Pass
			-20	5	5180.100	5150 to 5250	Pass
			-10	5	5180.040	5150 to 5250	Pass
			0	5	5180.040	5150 to 5250	Pass
			10	5	5180.040	5150 to 5250	Pass
			30	5	5180.040	5150 to 5250	Pass
			40	5	5180.000	5150 to 5250	Pass
			50	5	5179.980	5150 to 5250	Pass
		5200	20	4.25	5200.040	5150 to 5250	Pass
				5	5200.000	5150 to 5250	Pass
				5.75	5200.020	5150 to 5250	Pass
			-30	5	5200.060	5150 to 5250	Pass
			-20	5	5200.000	5150 to 5250	Pass
			-10	5	5200.040	5150 to 5250	Pass
			0	5	5200.020	5150 to 5250	Pass
			10	5	5200.040	5150 to 5250	Pass
			30	5	5200.020	5150 to 5250	Pass
			40	5	5200.020	5150 to 5250	Pass
			50	5	5200.080	5150 to 5250	Pass
		5240	20	4.25	5240.060	5150 to 5250	Pass
				5	5240.040	5150 to 5250	Pass
				5.75	5240.060	5150 to 5250	Pass
			-30	5	5240.060	5150 to 5250	Pass
			-20	5	5240.060	5150 to 5250	Pass
			-10	5	5240.040	5150 to 5250	Pass
			0	5	5240.040	5150 to 5250	Pass
			10	5	5240.060	5150 to 5250	Pass
			30	5	5240.040	5150 to 5250	Pass
			40	5	5240.040	5150 to 5250	Pass
			50	5	5240.060	5150 to 5250	Pass



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		5260	20	4.25	5260.060	5250 to 5350	Pass
				5	5260.060	5250 to 5350	Pass
				5.75	5260.080	5250 to 5350	Pass
			-30	5	5260.040	5250 to 5350	Pass
			-20	5	5260.020	5250 to 5350	Pass
			-10	5	5260.040	5250 to 5350	Pass
			0	5	5260.060	5250 to 5350	Pass
			10	5	5260.060	5250 to 5350	Pass
			30	5	5260.060	5250 to 5350	Pass
			40	5	5260.080	5250 to 5350	Pass
			50	5	5260.020	5250 to 5350	Pass
		5300	20	4.25	5300.100	5250 to 5350	Pass
				5	5300.040	5250 to 5350	Pass
				5.75	5300.020	5250 to 5350	Pass
			-30	5	5300.040	5250 to 5350	Pass
			-20	5	5300.040	5250 to 5350	Pass
			-10	5	5300.040	5250 to 5350	Pass
			0	5	5299.980	5250 to 5350	Pass
			10	5	5300.080	5250 to 5350	Pass
			30	5	5300.020	5250 to 5350	Pass
			40	5	5300.060	5250 to 5350	Pass
			50	5	5300.040	5250 to 5350	Pass
		5320	20	4.25	5320.040	5250 to 5350	Pass
				5	5320.080	5250 to 5350	Pass
				5.75	5320.020	5250 to 5350	Pass
			-30	5	5320.020	5250 to 5350	Pass
			-20	5	5320.100	5250 to 5350	Pass
			-10	5	5320.080	5250 to 5350	Pass
			0	5	5320.040	5250 to 5350	Pass
			10	5	5320.040	5250 to 5350	Pass
			30	5	5320.040	5250 to 5350	Pass
			40	5	5320.060	5250 to 5350	Pass
		5500	20	4.25	5500.000	5470 to 5725	Pass
				5	5500.000	5470 to 5725	Pass
				5.75	5500.040	5470 to 5725	Pass
			-30	5	5500.040	5470 to 5725	Pass
			-20	5	5500.000	5470 to 5725	Pass
			-10	5	5500.040	5470 to 5725	Pass
			0	5	5500.020	5470 to 5725	Pass
			10	5	5499.960	5470 to 5725	Pass
			30	5	5499.980	5470 to 5725	Pass



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			40	5	5499.980	5470 to 5725	Pass
			50	5	5499.960	5470 to 5725	Pass
		5580	20	4.25	5580.000	5470 to 5725	Pass
				5	5580.040	5470 to 5725	Pass
				5.75	5580.040	5470 to 5725	Pass
			-30	5	5580.020	5470 to 5725	Pass
			-20	5	5580.000	5470 to 5725	Pass
			-10	5	5580.020	5470 to 5725	Pass
			0	5	5580.020	5470 to 5725	Pass
			10	5	5580.000	5470 to 5725	Pass
			30	5	5580.060	5470 to 5725	Pass
			40	5	5580.000	5470 to 5725	Pass
			50	5	5580.020	5470 to 5725	Pass
		5700	20	4.25	5700.040	5470 to 5725	Pass
				5	5700.020	5470 to 5725	Pass
				5.75	5700.000	5470 to 5725	Pass
			-30	5	5700.040	5470 to 5725	Pass
			-20	5	5700.040	5470 to 5725	Pass
			-10	5	5700.040	5470 to 5725	Pass
			0	5	5700.060	5470 to 5725	Pass
			10	5	5700.040	5470 to 5725	Pass
			30	5	5700.060	5470 to 5725	Pass
			40	5	5700.040	5470 to 5725	Pass
			50	5	5700.040	5470 to 5725	Pass
		5745	20	4.25	5745.080	5725 to 5850	Pass
				5	5745.040	5725 to 5850	Pass
				5.75	5745.020	5725 to 5850	Pass
			-30	5	5745.040	5725 to 5850	Pass
			-20	5	5745.060	5725 to 5850	Pass
			-10	5	5745.040	5725 to 5850	Pass
			0	5	5745.060	5725 to 5850	Pass
			10	5	5745.100	5725 to 5850	Pass
			30	5	5745.000	5725 to 5850	Pass
			40	5	5745.060	5725 to 5850	Pass
			50	5	5745.020	5725 to 5850	Pass
		5785	20	4.25	5785.080	5725 to 5850	Pass
				5	5785.060	5725 to 5850	Pass
				5.75	5785.020	5725 to 5850	Pass
			-30	5	5785.040	5725 to 5850	Pass
			-20	5	5785.040	5725 to 5850	Pass
			-10	5	5785.060	5725 to 5850	Pass
			0	5	5785.040	5725 to 5850	Pass



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			10	5	5785.040	5725 to 5850	Pass
			30	5	5785.060	5725 to 5850	Pass
			40	5	5785.060	5725 to 5850	Pass
			50	5	5785.060	5725 to 5850	Pass
		5825	20	4.25	5825.040	5725 to 5850	Pass
				5	5825.060	5725 to 5850	Pass
				5.75	5825.080	5725 to 5850	Pass
			-30	5	5825.060	5725 to 5850	Pass
			-20	5	5825.000	5725 to 5850	Pass
			-10	5	5825.080	5725 to 5850	Pass
			0	5	5825.040	5725 to 5850	Pass
			10	5	5825.000	5725 to 5850	Pass
			30	5	5825.040	5725 to 5850	Pass
			40	5	5825.040	5725 to 5850	Pass
			50	5	5825.040	5725 to 5850	Pass
802.11n (HT20)	SISO	5180	20	4.25	5180.080	5150 to 5250	Pass
				5	5180.080	5150 to 5250	Pass
				5.75	5180.040	5150 to 5250	Pass
			-30	5	5180.060	5150 to 5250	Pass
			-20	5	5180.040	5150 to 5250	Pass
			-10	5	5179.980	5150 to 5250	Pass
			0	5	5180.060	5150 to 5250	Pass
			10	5	5180.040	5150 to 5250	Pass
			30	5	5180.060	5150 to 5250	Pass
			40	5	5180.020	5150 to 5250	Pass
			50	5	5180.020	5150 to 5250	Pass
		5200	20	4.25	5200.040	5150 to 5250	Pass
				5	5200.000	5150 to 5250	Pass
				5.75	5200.020	5150 to 5250	Pass
			-30	5	5200.060	5150 to 5250	Pass
			-20	5	5200.060	5150 to 5250	Pass
			-10	5	5200.040	5150 to 5250	Pass
			0	5	5200.060	5150 to 5250	Pass
			10	5	5200.020	5150 to 5250	Pass
			30	5	5200.060	5150 to 5250	Pass
			40	5	5200.040	5150 to 5250	Pass
			50	5	5200.000	5150 to 5250	Pass
		5240	20	4.25	5240.060	5150 to 5250	Pass
				5	5240.020	5150 to 5250	Pass
				5.75	5240.040	5150 to 5250	Pass
			-30	5	5240.060	5150 to 5250	Pass
			-20	5	5240.080	5150 to 5250	Pass



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			-10	5	5240.000	5150 to 5250	Pass
			0	5	5240.060	5150 to 5250	Pass
			10	5	5240.040	5150 to 5250	Pass
			30	5	5240.040	5150 to 5250	Pass
			40	5	5240.060	5150 to 5250	Pass
			50	5	5240.100	5150 to 5250	Pass
		5260	20	4.25	5260.080	5250 to 5350	Pass
				5	5260.020	5250 to 5350	Pass
				5.75	5260.060	5250 to 5350	Pass
			-30	5	5260.080	5250 to 5350	Pass
			-20	5	5260.060	5250 to 5350	Pass
			-10	5	5260.040	5250 to 5350	Pass
			0	5	5260.040	5250 to 5350	Pass
			10	5	5260.040	5250 to 5350	Pass
			30	5	5260.060	5250 to 5350	Pass
			40	5	5260.040	5250 to 5350	Pass
			50	5	5260.060	5250 to 5350	Pass
		5300	20	4.25	5300.040	5250 to 5350	Pass
				5	5300.020	5250 to 5350	Pass
				5.75	5300.5	5250 to 5350	Pass
			-30	5	5300.060	5250 to 5350	Pass
			-20	5	5300.100	5250 to 5350	Pass
			-10	5	5300.060	5250 to 5350	Pass
			0	5	5300.080	5250 to 5350	Pass
			10	5	5300.040	5250 to 5350	Pass
			30	5	5300.040	5250 to 5350	Pass
			40	5	5300.040	5250 to 5350	Pass
			50	5	5300.060	5250 to 5350	Pass
		5320	20	4.25	5320.080	5250 to 5350	Pass
				5	5320.060	5250 to 5350	Pass
				5.75	5320.020	5250 to 5350	Pass
			-30	5	5320.060	5250 to 5350	Pass
			-20	5	5320.060	5250 to 5350	Pass
			-10	5	5320.060	5250 to 5350	Pass
			0	5	5320.060	5250 to 5350	Pass
			10	5	5320.040	5250 to 5350	Pass
			30	5	5320.060	5250 to 5350	Pass
			40	5	5320.020	5250 to 5350	Pass
			50	5	5320.000	5250 to 5350	Pass
		5500	20	4.25	5500.020	5470 to 5725	Pass
				5	5500.000	5470 to 5725	Pass
				5.75	5499.980	5470 to 5725	Pass



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			-30	5	5500.060	5470 to 5725	Pass
			-20	5	5500.000	5470 to 5725	Pass
			-10	5	5499.960	5470 to 5725	Pass
			0	5	5500.020	5470 to 5725	Pass
			10	5	5500.000	5470 to 5725	Pass
			30	5	5499.980	5470 to 5725	Pass
			40	5	5500.000	5470 to 5725	Pass
			50	5	5500.000	5470 to 5725	Pass
		5580	20	4.25	5580.000	5470 to 5725	Pass
				5	5580.020	5470 to 5725	Pass
				5.75	5580.000	5470 to 5725	Pass
			-30	5	5580.020	5470 to 5725	Pass
			-20	5	5580.040	5470 to 5725	Pass
			-10	5	5579.980	5470 to 5725	Pass
			0	5	5580.020	5470 to 5725	Pass
			10	5	5580.020	5470 to 5725	Pass
			30	5	5580.040	5470 to 5725	Pass
			40	5	5579.960	5470 to 5725	Pass
			50	5	5579.980	5470 to 5725	Pass
		5700	20	4.25	5700.020	5470 to 5725	Pass
				5	5700.100	5470 to 5725	Pass
				5.75	5700.5	5470 to 5725	Pass
			-30	5	5700.040	5470 to 5725	Pass
			-20	5	5700.040	5470 to 5725	Pass
			-10	5	5700.020	5470 to 5725	Pass
			0	5	5700.020	5470 to 5725	Pass
			10	5	5700.040	5470 to 5725	Pass
			30	5	5700.040	5470 to 5725	Pass
			40	5	5700.100	5470 to 5725	Pass
			50	5	5700.100	5470 to 5725	Pass
		5745	20	4.25	5745.060	5725 to 5850	Pass
				5	5745.080	5725 to 5850	Pass
				5.75	5745.080	5725 to 5850	Pass
			-30	5	5745.5	5725 to 5850	Pass
			-20	5	5745.100	5725 to 5850	Pass
			-10	5	5745.000	5725 to 5850	Pass
			0	5	5745.100	5725 to 5850	Pass
			10	5	5745.100	5725 to 5850	Pass
			30	5	5745.060	5725 to 5850	Pass
			40	5	5745.140	5725 to 5850	Pass
			50	5	5745.060	5725 to 5850	Pass
		5785	20	4.25	5785.040	5725 to 5850	Pass



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				5	5785.040	5725 to 5850	Pass
				5.75	5785.060	5725 to 5850	Pass
			-30	5	5785.020	5725 to 5850	Pass
			-20	5	5785.060	5725 to 5850	Pass
			-10	5	5785.080	5725 to 5850	Pass
			0	5	5785.100	5725 to 5850	Pass
			10	5	5785.060	5725 to 5850	Pass
			30	5	5785.040	5725 to 5850	Pass
			40	5	5785.040	5725 to 5850	Pass
			50	5	5785.000	5725 to 5850	Pass
		5825	20	4.25	5825.040	5725 to 5850	Pass
				5	5824.980	5725 to 5850	Pass
				5.75	5825.060	5725 to 5850	Pass
			-30	5	5825.060	5725 to 5850	Pass
			-20	5	5825.040	5725 to 5850	Pass
			-10	5	5825.080	5725 to 5850	Pass
			0	5	5825.040	5725 to 5850	Pass
			10	5	5825.040	5725 to 5850	Pass
			30	5	5825.040	5725 to 5850	Pass
			40	5	5825.040	5725 to 5850	Pass
			50	5	5825.000	5725 to 5850	Pass



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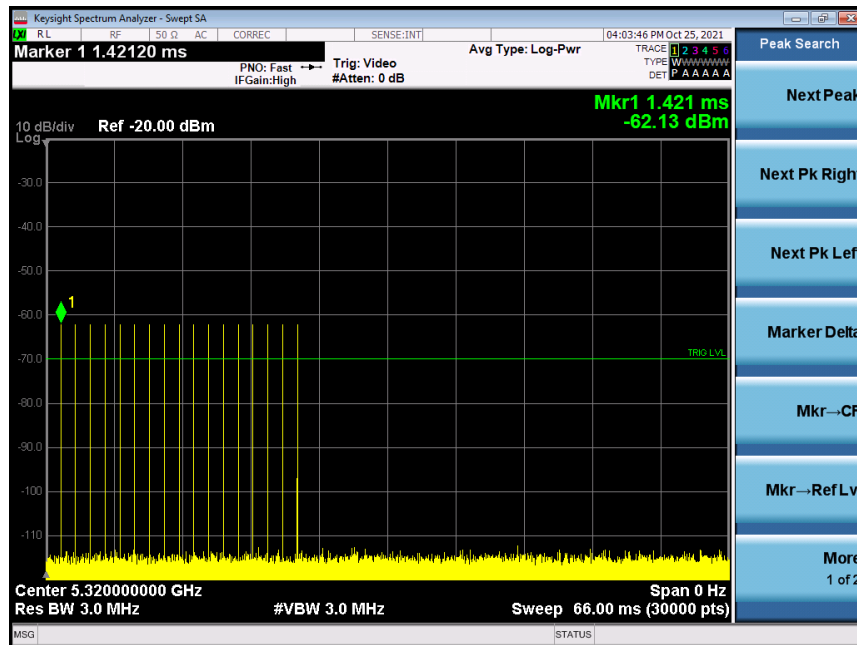
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

6. DFS: Non-occupancy period, DFS: Channel Move Time, DFS: Channel Closing Transmission Time
Test plots as follows:

Remark: Channel loading of Timing plots is greater than 17%.

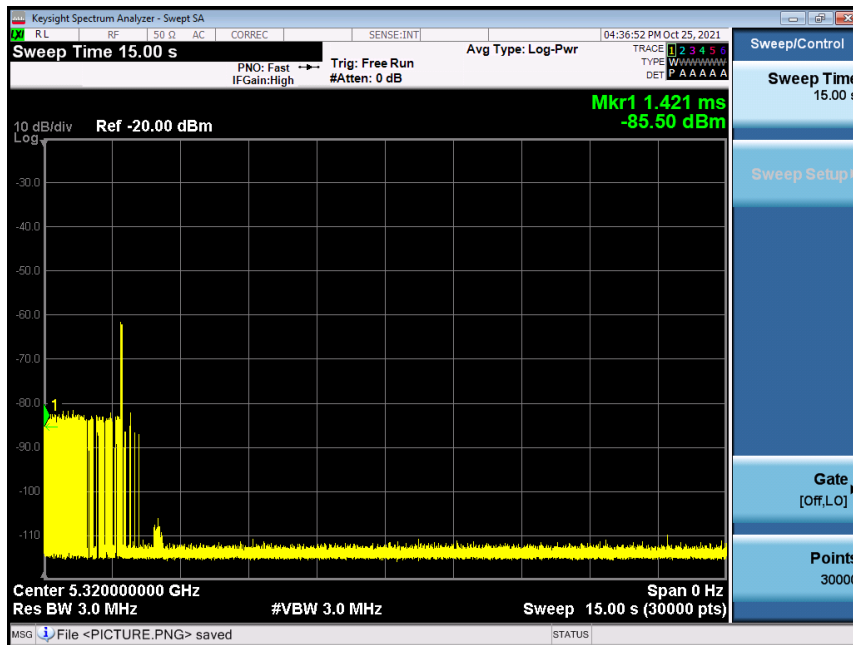
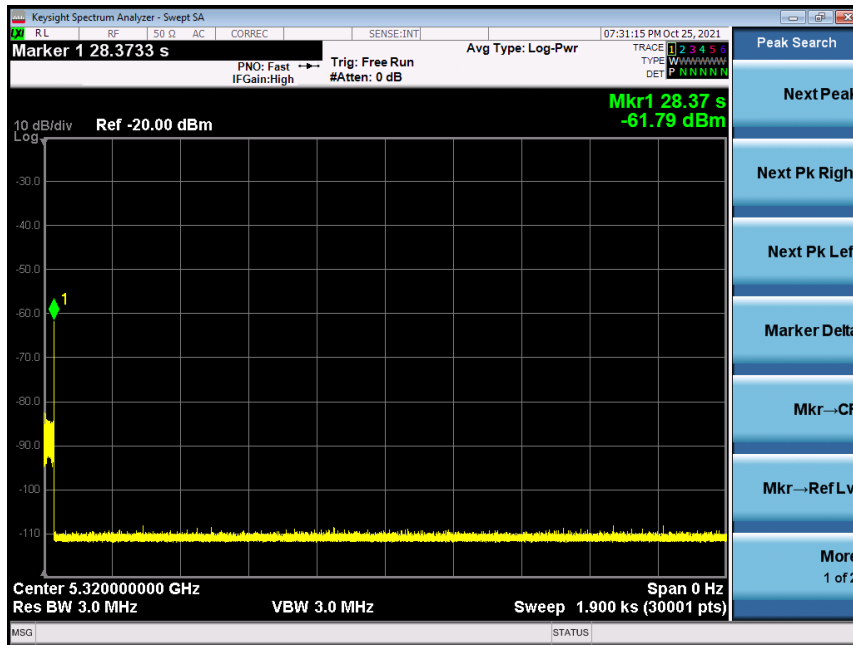
Radar Waveform Calibration

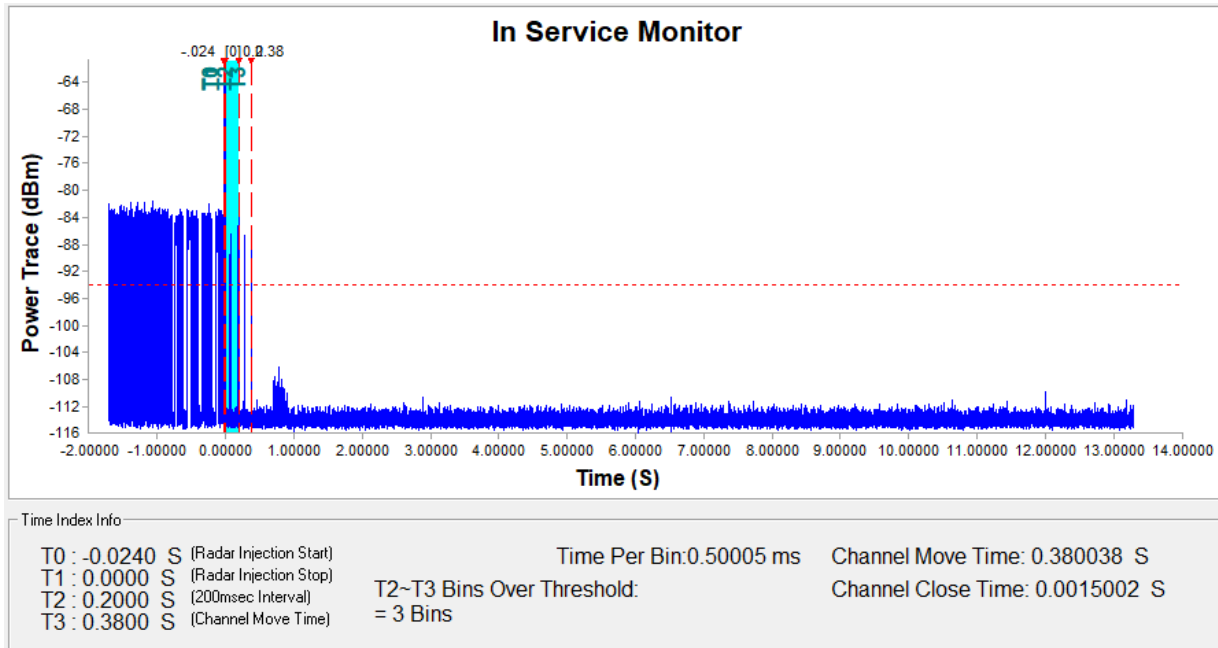
Radar Type 1 (20MHz / 5320MHz)



Test Data:

BW/Channel	Test Item	Test Result	Limit	Results
20MHz / 5320MHz	Non-occupancy period	Refer to test point	>30 min	pass
	Channel Move Time	0.38s	<10s	Pass
	Channel Closing Transmission Time	1.5ms	<60ms	Pass





- End of the Report -