

**SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch**

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			-10	5	5732.505	5725 to 5850	Pass	
			0	5	5732.505	5725 to 5850	Pass	
			10	5	5732.500	5725 to 5850	Pass	
			30	5	5732.505	5725 to 5850	Pass	
			40	5	5732.500	5725 to 5850	Pass	
			50	5	5732.500	5725 to 5850	Pass	
			5782.5	4.25	5782.500	5725 to 5850	Pass	
				20	5782.495	5725 to 5850	Pass	
				5.75	5782.500	5725 to 5850	Pass	
				-30	5	5782.500	5725 to 5850	Pass
				-20	5	5782.495	5725 to 5850	Pass
				-10	5	5782.500	5725 to 5850	Pass
				0	5	5782.500	5725 to 5850	Pass
				10	5	5782.505	5725 to 5850	Pass
				30	5	5782.505	5725 to 5850	Pass
				40	5	5782.500	5725 to 5850	Pass
				50	5	5782.505	5725 to 5850	Pass
			5842.5	4.25	5842.510	5725 to 5850	Pass	
				20	5842.505	5725 to 5850	Pass	
				5.75	5842.510	5725 to 5850	Pass	
				-30	5	5842.505	5725 to 5850	Pass
				-20	5	5842.505	5725 to 5850	Pass
				-10	5	5842.505	5725 to 5850	Pass
				0	5	5842.510	5725 to 5850	Pass
				10	5	5842.510	5725 to 5850	Pass
				30	5	5842.510	5725 to 5850	Pass
				40	5	5842.505	5725 to 5850	Pass
				50	5	5842.500	5725 to 5850	Pass
10M	MIMO		5730.5	4.25	5730.490	5725 to 5850	Pass	
				20	5730.480	5725 to 5850	Pass	
				5.75	5730.510	5725 to 5850	Pass	
				-30	5	5730.510	5725 to 5850	Pass
				-20	5	5730.470	5725 to 5850	Pass
				-10	5	5730.520	5725 to 5850	Pass
				0	5	5730.450	5725 to 5850	Pass
				10	5	5730.510	5725 to 5850	Pass
				30	5	5730.490	5725 to 5850	Pass
				40	5	5730.470	5725 to 5850	Pass
				50	5	5730.490	5725 to 5850	Pass
			5787.5	20	4.25	5787.520	5725 to 5850	Pass

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		5	5	5787.530	5725 to 5850	Pass		
			5.75	5787.500	5725 to 5850	Pass		
			-30	5	5787.500	5725 to 5850	Pass	
			-20	5	5787.460	5725 to 5850	Pass	
			-10	5	5787.480	5725 to 5850	Pass	
			0	5	5787.480	5725 to 5850	Pass	
			10	5	5787.450	5725 to 5850	Pass	
			30	5	5787.490	5725 to 5850	Pass	
			40	5	5787.480	5725 to 5850	Pass	
			50	5	5787.480	5725 to 5850	Pass	
			5844.5	4.25	5844.500	5725 to 5850	Pass	
				20	5	5844.540	5725 to 5850	Pass
				5.75	5844.490	5725 to 5850	Pass	
				-30	5	5844.500	5725 to 5850	Pass
				-20	5	5844.500	5725 to 5850	Pass
				-10	5	5844.480	5725 to 5850	Pass
				0	5	5844.490	5725 to 5850	Pass
				10	5	5844.500	5725 to 5850	Pass
				30	5	5844.500	5725 to 5850	Pass
				40	5	5844.480	5725 to 5850	Pass
				50	5	5844.440	5725 to 5850	Pass
20M	MIMO	5735.5	20	4.25	5735.500	5725 to 5850	Pass	
				5	5735.500	5725 to 5850	Pass	
				5.75	5735.500	5725 to 5850	Pass	
				-30	5	5735.540	5725 to 5850	Pass
				-20	5	5735.460	5725 to 5850	Pass
			5787.5	-10	5	5735.460	5725 to 5850	Pass
				0	5	5735.520	5725 to 5850	Pass
				10	5	5735.460	5725 to 5850	Pass
				30	5	5735.520	5725 to 5850	Pass
				40	5	5735.500	5725 to 5850	Pass
			20	50	5	5735.500	5725 to 5850	Pass
				4.25	5787.500	5725 to 5850	Pass	
				5	5787.480	5725 to 5850	Pass	
				5.75	5787.480	5725 to 5850	Pass	
				-30	5	5787.460	5725 to 5850	Pass
			10	-20	5	5787.480	5725 to 5850	Pass
				-10	5	5787.500	5725 to 5850	Pass
				0	5	5787.500	5725 to 5850	Pass
				10	5	5787.460	5725 to 5850	Pass

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Shenzhen Branch SGS-CSTC Standards Technical Services Co., Ltd. Laboratory

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		5839.5	30	5	5787.480	5725 to 5850	Pass	
			40	5	5787.500	5725 to 5850	Pass	
			50	5	5787.520	5725 to 5850	Pass	
			20	4.25	5839.480	5725 to 5850	Pass	
				5	5839.440	5725 to 5850	Pass	
				5.75	5839.440	5725 to 5850	Pass	
				-30	5	5839.480	5725 to 5850	Pass
				-20	5	5839.480	5725 to 5850	Pass
				-10	5	5839.480	5725 to 5850	Pass
				0	5	5839.520	5725 to 5850	Pass
				10	5	5839.500	5725 to 5850	Pass
				30	5	5839.500	5725 to 5850	Pass
				40	5	5839.480	5725 to 5850	Pass
				50	5	5839.440	5725 to 5850	Pass
40M	MIMO	5745.5	20	4.25	5745.420	5725 to 5850	Pass	
				5	5745.540	5725 to 5850	Pass	
				5.75	5745.460	5725 to 5850	Pass	
				-30	5	5745.460	5725 to 5850	Pass
				-20	5	5745.460	5725 to 5850	Pass
				-10	5	5745.460	5725 to 5850	Pass
				0	5	5745.460	5725 to 5850	Pass
				10	5	5745.460	5725 to 5850	Pass
				30	5	5745.460	5725 to 5850	Pass
				40	5	5745.460	5725 to 5850	Pass
			5787.5	50	5	5745.460	5725 to 5850	Pass
				4.25	5787.500	5725 to 5850	Pass	
				5	5787.460	5725 to 5850	Pass	
				5.75	5787.500	5725 to 5850	Pass	
				-30	5	5787.460	5725 to 5850	Pass
		5829.5	20	-20	5	5787.460	5725 to 5850	Pass
				-10	5	5787.460	5725 to 5850	Pass
				0	5	5787.460	5725 to 5850	Pass
				10	5	5787.460	5725 to 5850	Pass
				30	5	5787.500	5725 to 5850	Pass
			-30	40	5	5787.460	5725 to 5850	Pass
				50	5	5787.500	5725 to 5850	Pass

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			-20	5	5829.500	5725 to 5850	Pass
			-10	5	5829.500	5725 to 5850	Pass
			0	5	5829.460	5725 to 5850	Pass
			10	5	5829.460	5725 to 5850	Pass
			30	5	5829.500	5725 to 5850	Pass
			40	5	5829.460	5725 to 5850	Pass
			50	5	5829.460	5725 to 5850	Pass
60M	MIMO	5755.5	20	4.25	5755.440	5725 to 5850	Pass
				5	5755.500	5725 to 5850	Pass
				5.75	5755.440	5725 to 5850	Pass
			-30	5	5755.440	5725 to 5850	Pass
			-20	5	5755.440	5725 to 5850	Pass
			-10	5	5755.440	5725 to 5850	Pass
			0	5	5755.500	5725 to 5850	Pass
			10	5	5755.440	5725 to 5850	Pass
			30	5	5755.560	5725 to 5850	Pass
			40	5	5755.440	5725 to 5850	Pass
		5787.5	20	4.25	5787.440	5725 to 5850	Pass
				5	5787.440	5725 to 5850	Pass
				5.75	5787.440	5725 to 5850	Pass
			-30	5	5787.440	5725 to 5850	Pass
			-20	5	5787.440	5725 to 5850	Pass
			-10	5	5787.440	5725 to 5850	Pass
			0	5	5787.500	5725 to 5850	Pass
			10	5	5787.440	5725 to 5850	Pass
			30	5	5787.440	5725 to 5850	Pass
			40	5	5787.440	5725 to 5850	Pass
			50	5	5787.440	5725 to 5850	Pass
		5819.5	20	4.25	5819.440	5725 to 5850	Pass
				5	5819.440	5725 to 5850	Pass
				5.75	5819.440	5725 to 5850	Pass
			-30	5	5819.440	5725 to 5850	Pass
			-20	5	5819.440	5725 to 5850	Pass
			-10	5	5819.440	5725 to 5850	Pass
			0	5	5819.440	5725 to 5850	Pass
			10	5	5819.440	5725 to 5850	Pass
			30	5	5819.440	5725 to 5850	Pass
			40	5	5819.440	5725 to 5850	Pass
			50	5	5819.440	5725 to 5850	Pass

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80M	MIMO	5765.5	20	4.25	5765.500	5725 to 5850	Pass	
				5	5765.500	5725 to 5850	Pass	
				5.75	5765.500	5725 to 5850	Pass	
				-30	5	5765.425	5725 to 5850	Pass
				-20	5	5765.500	5725 to 5850	Pass
				-10	5	5765.500	5725 to 5850	Pass
				0	5	5765.425	5725 to 5850	Pass
				10	5	5765.425	5725 to 5850	Pass
				30	5	5765.500	5725 to 5850	Pass
				40	5	5765.425	5725 to 5850	Pass
				50	5	5765.425	5725 to 5850	Pass
			20	4.25	5787.425	5725 to 5850	Pass	
				5	5787.425	5725 to 5850	Pass	
				5.75	5787.500	5725 to 5850	Pass	
				-30	5	5787.500	5725 to 5850	Pass
				-20	5	5787.500	5725 to 5850	Pass
				-10	5	5787.350	5725 to 5850	Pass
				0	5	5787.425	5725 to 5850	Pass
				10	5	5787.500	5725 to 5850	Pass
				30	5	5787.500	5725 to 5850	Pass
				40	5	5787.500	5725 to 5850	Pass
				50	5	5787.425	5725 to 5850	Pass
			5809.5	4.25	5809.500	5725 to 5850	Pass	
				5	5809.425	5725 to 5850	Pass	
				5.75	5809.425	5725 to 5850	Pass	
				-30	5	5809.425	5725 to 5850	Pass
				-20	5	5809.425	5725 to 5850	Pass
				-10	5	5809.500	5725 to 5850	Pass
				0	5	5809.425	5725 to 5850	Pass
				10	5	5809.500	5725 to 5850	Pass
				30	5	5809.425	5725 to 5850	Pass
				40	5	5809.500	5725 to 5850	Pass
				50	5	5809.425	5725 to 5850	Pass

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## 5.1.2 Ant3

Ant3							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
1.4M	MIMO	5728.5	20	4.25	5728.518	5725 to 5850	Pass
				5	5728.521	5725 to 5850	Pass
				5.75	5728.520	5725 to 5850	Pass
			-30	5	5728.518	5725 to 5850	Pass
			-20	5	5728.521	5725 to 5850	Pass
			-10	5	5728.525	5725 to 5850	Pass
			0	5	5728.521	5725 to 5850	Pass
			10	5	5728.518	5725 to 5850	Pass
			30	5	5728.522	5725 to 5850	Pass
			40	5	5728.518	5725 to 5850	Pass
			50	5	5728.521	5725 to 5850	Pass
		5786.5	20	4.25	5786.517	5725 to 5850	Pass
				5	5786.517	5725 to 5850	Pass
				5.75	5786.517	5725 to 5850	Pass
			-30	5	5786.515	5725 to 5850	Pass
			-20	5	5786.517	5725 to 5850	Pass
			-10	5	5786.515	5725 to 5850	Pass
			0	5	5786.517	5725 to 5850	Pass
			10	5	5786.520	5725 to 5850	Pass
			30	5	5786.517	5725 to 5850	Pass
			40	5	5786.517	5725 to 5850	Pass
			50	5	5786.517	5725 to 5850	Pass
3M	MIMO	5727.5	20	4.25	5846.140	5725 to 5850	Pass
				5	5846.137	5725 to 5850	Pass
				5.75	5846.137	5725 to 5850	Pass
			-30	5	5846.138	5725 to 5850	Pass
			-20	5	5846.138	5725 to 5850	Pass
			-10	5	5846.137	5725 to 5850	Pass
			0	5	5846.140	5725 to 5850	Pass
			10	5	5846.140	5725 to 5850	Pass
			30	5	5846.138	5725 to 5850	Pass
			40	5	5846.140	5725 to 5850	Pass
			50	5	5846.138	5725 to 5850	Pass

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		5784.5	-30	5	5727.518	5725 to 5850	Pass
			-20	5	5727.512	5725 to 5850	Pass
			-10	5	5727.524	5725 to 5850	Pass
			0	5	5727.518	5725 to 5850	Pass
			10	5	5727.524	5725 to 5850	Pass
			30	5	5727.518	5725 to 5850	Pass
			40	5	5727.509	5725 to 5850	Pass
			50	5	5727.521	5725 to 5850	Pass
			20	4.25	5784.515	5725 to 5850	Pass
				5	5784.527	5725 to 5850	Pass
				5.75	5784.521	5725 to 5850	Pass
			-30	5	5784.515	5725 to 5850	Pass
			-20	5	5784.518	5725 to 5850	Pass
			-10	5	5784.503	5725 to 5850	Pass
			0	5	5784.527	5725 to 5850	Pass
			10	5	5784.524	5725 to 5850	Pass
			30	5	5784.509	5725 to 5850	Pass
			40	5	5784.521	5725 to 5850	Pass
			50	5	5784.515	5725 to 5850	Pass
		5847.2	20	4.25	5847.221	5725 to 5850	Pass
				5	5847.230	5725 to 5850	Pass
				5.75	5847.227	5725 to 5850	Pass
			-30	5	5847.200	5725 to 5850	Pass
			-20	5	5847.218	5725 to 5850	Pass
			-10	5	5847.218	5725 to 5850	Pass
			0	5	5847.218	5725 to 5850	Pass
			10	5	5847.230	5725 to 5850	Pass
			30	5	5847.221	5725 to 5850	Pass
			40	5	5847.215	5725 to 5850	Pass
			50	5	5847.218	5725 to 5850	Pass
			20	4.25	5732.475	5725 to 5850	Pass
				5	5732.455	5725 to 5850	Pass
				5.75	5732.465	5725 to 5850	Pass
5M	MIMO	5732.5	-30	5	5732.465	5725 to 5850	Pass
			-20	5	5732.475	5725 to 5850	Pass
			-10	5	5732.460	5725 to 5850	Pass
			0	5	5732.460	5725 to 5850	Pass
			10	5	5732.470	5725 to 5850	Pass
			30	5	5732.460	5725 to 5850	Pass
			40	5	5732.470	5725 to 5850	Pass

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			50	5	5732.480	5725 to 5850	Pass	
			20	4.25	5782.470	5725 to 5850	Pass	
				5	5782.500	5725 to 5850	Pass	
				5.75	5782.480	5725 to 5850	Pass	
			5782.5	-30	5	5782.460	5725 to 5850	Pass
				-20	5	5782.485	5725 to 5850	Pass
				-10	5	5782.490	5725 to 5850	Pass
				0	5	5782.475	5725 to 5850	Pass
				10	5	5782.490	5725 to 5850	Pass
				30	5	5782.465	5725 to 5850	Pass
				40	5	5782.460	5725 to 5850	Pass
				50	5	5782.460	5725 to 5850	Pass
			5842.5	20	4.25	5842.460	5725 to 5850	Pass
					5	5842.460	5725 to 5850	Pass
					5.75	5842.465	5725 to 5850	Pass
				-30	5	5842.455	5725 to 5850	Pass
				-20	5	5842.465	5725 to 5850	Pass
				-10	5	5842.470	5725 to 5850	Pass
				0	5	5842.470	5725 to 5850	Pass
				10	5	5842.460	5725 to 5850	Pass
				30	5	5842.465	5725 to 5850	Pass
				40	5	5842.465	5725 to 5850	Pass
				50	5	5842.455	5725 to 5850	Pass
10M	MIMO	5730.5	20	4.25	5730.500	5725 to 5850	Pass	
				5	5730.530	5725 to 5850	Pass	
				5.75	5730.520	5725 to 5850	Pass	
			-30	5	5730.490	5725 to 5850	Pass	
			-20	5	5730.530	5725 to 5850	Pass	
			-10	5	5730.480	5725 to 5850	Pass	
			0	5	5730.500	5725 to 5850	Pass	
			10	5	5730.540	5725 to 5850	Pass	
			30	5	5730.540	5725 to 5850	Pass	
			40	5	5730.490	5725 to 5850	Pass	
		5787.5	50	5	5730.520	5725 to 5850	Pass	
			20	4.25	5787.520	5725 to 5850	Pass	
				5	5787.510	5725 to 5850	Pass	
				5.75	5787.500	5725 to 5850	Pass	
			-30	5	5787.500	5725 to 5850	Pass	
			-20	5	5787.500	5725 to 5850	Pass	
			-10	5	5787.470	5725 to 5850	Pass	

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		5844.5	0	5	5787.520	5725 to 5850	Pass		
			10	5	5787.500	5725 to 5850	Pass		
			30	5	5787.500	5725 to 5850	Pass		
			40	5	5787.520	5725 to 5850	Pass		
			50	5	5787.500	5725 to 5850	Pass		
			20	4.25	5844.500	5725 to 5850	Pass		
				5	5844.530	5725 to 5850	Pass		
				5.75	5844.540	5725 to 5850	Pass		
				-30	5	5844.500	5725 to 5850	Pass	
				-20	5	5844.510	5725 to 5850	Pass	
			5735.5	-10	5	5844.510	5725 to 5850	Pass	
				0	5	5844.470	5725 to 5850	Pass	
				10	5	5844.510	5725 to 5850	Pass	
				30	5	5844.490	5725 to 5850	Pass	
				40	5	5844.530	5725 to 5850	Pass	
				50	5	5844.500	5725 to 5850	Pass	
20M	MIMO	5787.5	20	4.25	5735.500	5725 to 5850	Pass		
				5	5735.500	5725 to 5850	Pass		
				5.75	5735.480	5725 to 5850	Pass		
			-30	-30	5	5735.500	5725 to 5850	Pass	
				-20	5	5735.480	5725 to 5850	Pass	
				-10	5	5735.440	5725 to 5850	Pass	
				0	5	5735.520	5725 to 5850	Pass	
				10	5	5735.480	5725 to 5850	Pass	
			30	30	5	5735.540	5725 to 5850	Pass	
				40	5	5735.460	5725 to 5850	Pass	
				50	5	5735.460	5725 to 5850	Pass	
			40	20	4.25	5787.480	5725 to 5850	Pass	
					5	5787.480	5725 to 5850	Pass	
					5.75	5787.480	5725 to 5850	Pass	
					-30	5	5787.480	5725 to 5850	Pass
					-20	5	5787.480	5725 to 5850	Pass
			50	-10	5	5787.500	5725 to 5850	Pass	
				0	5	5787.480	5725 to 5850	Pass	
				10	5	5787.460	5725 to 5850	Pass	
				30	5	5787.460	5725 to 5850	Pass	
				40	5	5787.480	5725 to 5850	Pass	
		5839.5	20	50	5	5787.440	5725 to 5850	Pass	
				4.25	5839.460	5725 to 5850	Pass		
				5	5839.480	5725 to 5850	Pass		

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				5.75	5839.480	5725 to 5850	Pass	
			-30	5	5839.500	5725 to 5850	Pass	
			-20	5	5839.460	5725 to 5850	Pass	
			-10	5	5839.480	5725 to 5850	Pass	
			0	5	5839.460	5725 to 5850	Pass	
			10	5	5839.460	5725 to 5850	Pass	
			30	5	5839.480	5725 to 5850	Pass	
			40	5	5839.440	5725 to 5850	Pass	
			50	5	5839.480	5725 to 5850	Pass	
				4.25	5745.540	5725 to 5850	Pass	
40M	MIMO	5745.5	20	5	5745.540	5725 to 5850	Pass	
				5.75	5745.500	5725 to 5850	Pass	
				-30	5	5745.540	5725 to 5850	Pass
				-20	5	5745.500	5725 to 5850	Pass
				-10	5	5745.500	5725 to 5850	Pass
				0	5	5745.540	5725 to 5850	Pass
				10	5	5745.500	5725 to 5850	Pass
				30	5	5745.500	5725 to 5850	Pass
				40	5	5745.540	5725 to 5850	Pass
				50	5	5745.500	5725 to 5850	Pass
		5787.5	20	4.25	5787.500	5725 to 5850	Pass	
				5	5787.500	5725 to 5850	Pass	
				5.75	5787.500	5725 to 5850	Pass	
				-30	5	5787.500	5725 to 5850	Pass
				-20	5	5787.540	5725 to 5850	Pass
				-10	5	5787.500	5725 to 5850	Pass
				0	5	5787.500	5725 to 5850	Pass
				10	5	5787.500	5725 to 5850	Pass
				30	5	5787.500	5725 to 5850	Pass
				40	5	5787.500	5725 to 5850	Pass
				50	5	5787.540	5725 to 5850	Pass
		5829.5	20	4.25	5829.500	5725 to 5850	Pass	
				5	5829.500	5725 to 5850	Pass	
				5.75	5829.500	5725 to 5850	Pass	
				-30	5	5829.500	5725 to 5850	Pass
				-20	5	5829.500	5725 to 5850	Pass
				-10	5	5829.500	5725 to 5850	Pass
				0	5	5829.500	5725 to 5850	Pass
				10	5	5829.500	5725 to 5850	Pass
				30	5	5829.500	5725 to 5850	Pass

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			40	5	5829.500	5725 to 5850	Pass	
			50	5	5829.500	5725 to 5850	Pass	
60M	MIMO	5755.5	20	4.25	5755.500	5725 to 5850	Pass	
				5	5755.500	5725 to 5850	Pass	
				5.75	5755.500	5725 to 5850	Pass	
				-30	5	5755.500	5725 to 5850	Pass
			-20	5	5755.500	5725 to 5850	Pass	
				-10	5	5755.500	5725 to 5850	Pass
				0	5	5755.500	5725 to 5850	Pass
				10	5	5755.500	5725 to 5850	Pass
			30	5	5755.500	5725 to 5850	Pass	
				40	5	5755.500	5725 to 5850	Pass
				50	5	5755.500	5725 to 5850	Pass
			5787.5	20	4.25	5787.500	5725 to 5850	Pass
					5	5787.500	5725 to 5850	Pass
					5.75	5787.500	5725 to 5850	Pass
				-30	5	5787.440	5725 to 5850	Pass
				-20	5	5787.440	5725 to 5850	Pass
				-10	5	5787.500	5725 to 5850	Pass
				0	5	5787.500	5725 to 5850	Pass
				10	5	5787.500	5725 to 5850	Pass
				30	5	5787.500	5725 to 5850	Pass
				40	5	5787.440	5725 to 5850	Pass
				50	5	5787.500	5725 to 5850	Pass
			5819.5	20	4.25	5819.440	5725 to 5850	Pass
					5	5819.440	5725 to 5850	Pass
					5.75	5819.500	5725 to 5850	Pass
				-30	5	5819.500	5725 to 5850	Pass
				-20	5	5819.440	5725 to 5850	Pass
				-10	5	5819.500	5725 to 5850	Pass
				0	5	5819.500	5725 to 5850	Pass
				10	5	5819.500	5725 to 5850	Pass
				30	5	5819.500	5725 to 5850	Pass
				40	5	5819.500	5725 to 5850	Pass
				50	5	5819.500	5725 to 5850	Pass
80M	MIMO	5765.5	20	4.25	5765.425	5725 to 5850	Pass	
				5	5765.500	5725 to 5850	Pass	
				5.75	5765.425	5725 to 5850	Pass	
			-30	5	5765.425	5725 to 5850	Pass	
				20	5	5765.500	5725 to 5850	Pass

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		-10	5	5765.425	5725 to 5850	Pass
		0	5	5765.425	5725 to 5850	Pass
		10	5	5765.425	5725 to 5850	Pass
		30	5	5765.500	5725 to 5850	Pass
		40	5	5765.425	5725 to 5850	Pass
		50	5	5765.500	5725 to 5850	Pass
	5787.5	20	4.25	5787.425	5725 to 5850	Pass
			5	5787.500	5725 to 5850	Pass
			5.75	5787.425	5725 to 5850	Pass
		-30	5	5787.425	5725 to 5850	Pass
		-20	5	5787.500	5725 to 5850	Pass
		-10	5	5787.425	5725 to 5850	Pass
		0	5	5787.425	5725 to 5850	Pass
		10	5	5787.425	5725 to 5850	Pass
		30	5	5787.425	5725 to 5850	Pass
		40	5	5787.425	5725 to 5850	Pass
		50	5	5787.500	5725 to 5850	Pass
	5809.5	20	4.25	5809.425	5725 to 5850	Pass
			5	5809.500	5725 to 5850	Pass
			5.75	5809.425	5725 to 5850	Pass
		-30	5	5809.425	5725 to 5850	Pass
		-20	5	5809.425	5725 to 5850	Pass
		-10	5	5809.500	5725 to 5850	Pass
		0	5	5809.500	5725 to 5850	Pass
		10	5	5809.500	5725 to 5850	Pass
		30	5	5809.500	5725 to 5850	Pass
		40	5	5809.500	5725 to 5850	Pass
		50	5	5809.500	5725 to 5850	Pass

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Shenzhen Branch SGS-CSTC Standards Technical Services Co., Ltd. Laboratory

**5.8G SDR ANT0&1 Test data****1. Duty Cycle****1.1 Test Result****1.1.1 Ant0**

Ant0							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
1.4M	MIMO	5728.5	100.000	100.000	100.00	0.00	0.00
		5786.5	100.000	100.000	100.00	0.00	0.00
		5846.12	100.000	100.000	100.00	0.00	0.00
3M	MIMO	5727.5	100.000	100.000	100.00	0.00	0.00
		5784.5	100.000	100.000	100.00	0.00	0.00
		5847.2	100.000	100.000	100.00	0.00	0.00
5M	MIMO	5732.5	100.000	100.000	100.00	0.00	0.00
		5782.5	100.000	100.000	100.00	0.00	0.00
		5842.5	100.000	100.000	100.00	0.00	0.00
10M	MIMO	5730.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5844.5	100.000	100.000	100.00	0.00	0.00
20M	MIMO	5735.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5839.5	100.000	100.000	100.00	0.00	0.00
40M	MIMO	5745.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5829.5	100.000	100.000	100.00	0.00	0.00
60M	MIMO	5755.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5819.5	100.000	100.000	100.00	0.00	0.00
80M	MIMO	5765.5	100.000	100.000	100.00	0.00	0.00
		5787.5	100.000	100.000	100.00	0.00	0.00
		5809.5	100.000	100.000	100.00	0.00	0.00

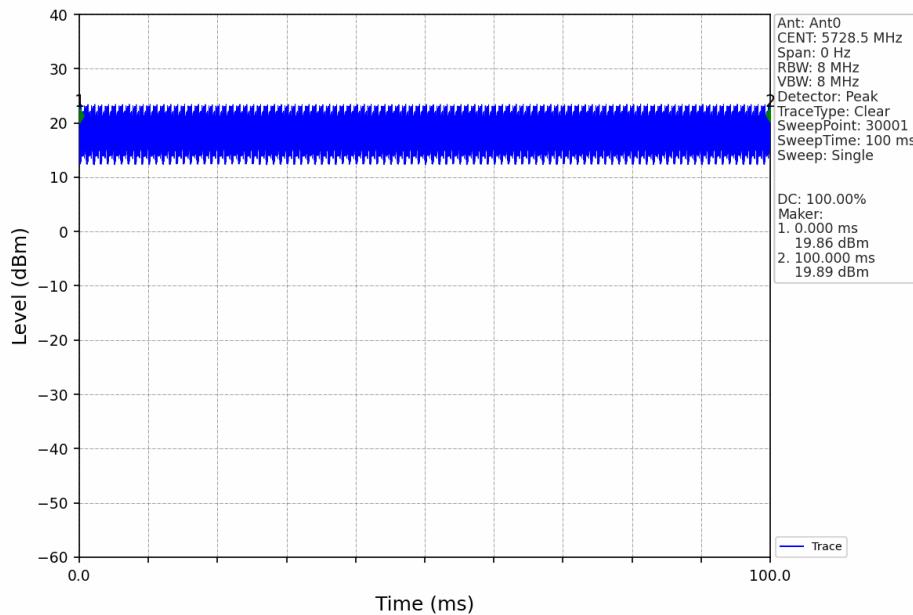
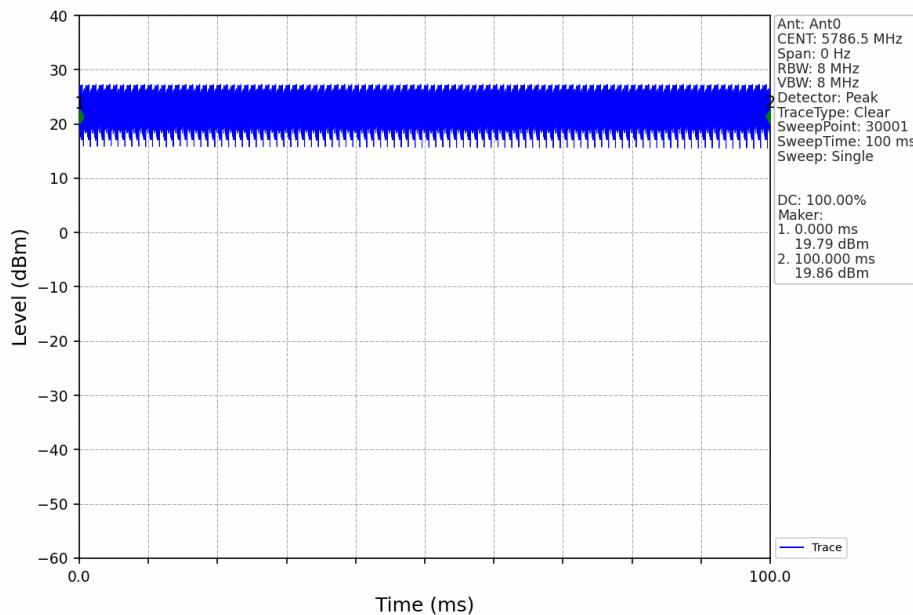
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**1.2 Test Graph****1.2.1 Ant0****1.4M\_LCH\_5728.5MHz\_Ant0\_NTNV****1.4M\_MCH\_5786.5MHz\_Ant0\_NTNV**

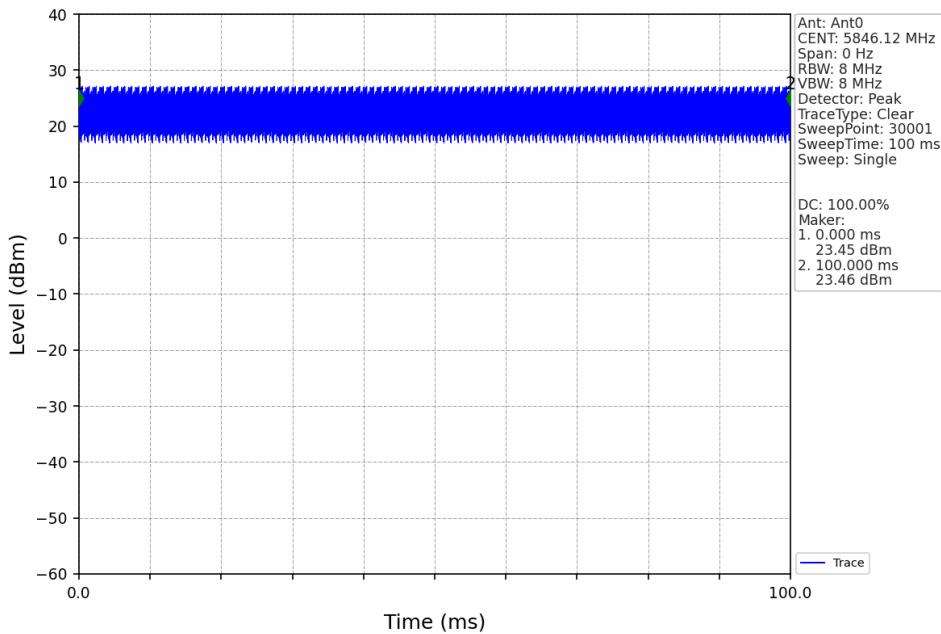
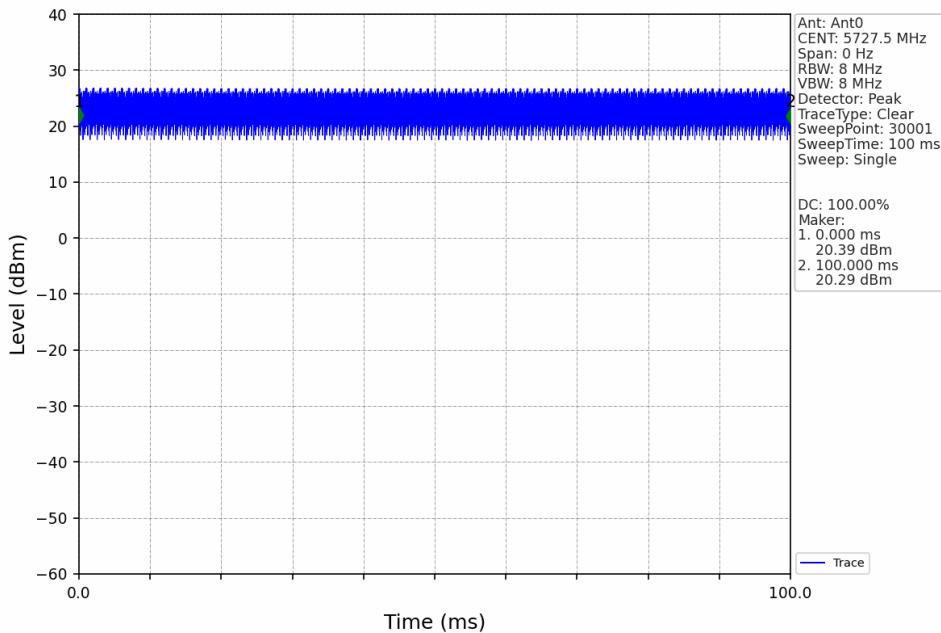
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**1.4M\_HCH\_5846.12MHz\_Ant0\_NTNV****3M\_LCH\_5727.5MHz\_Ant0\_NTNV**

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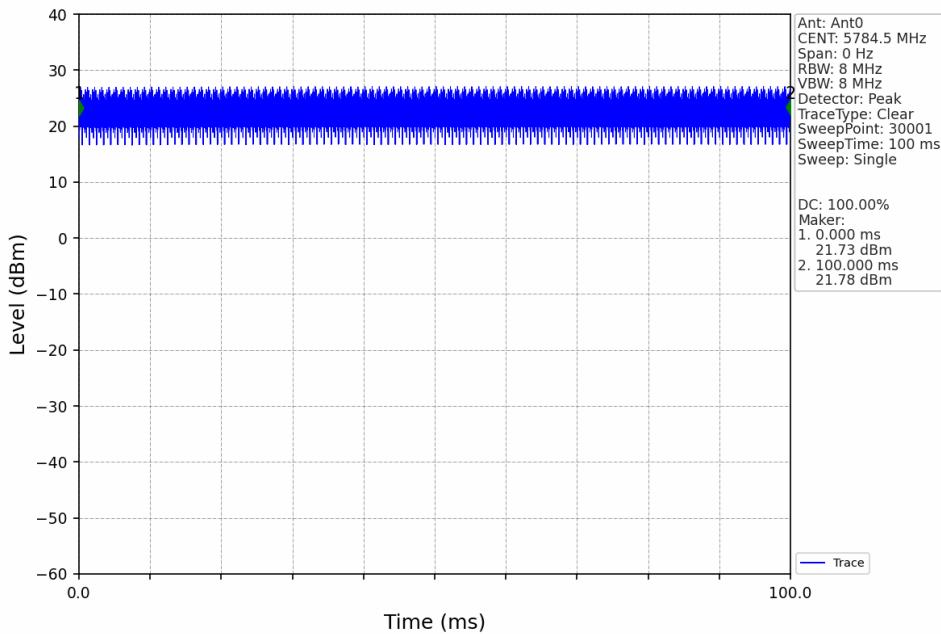
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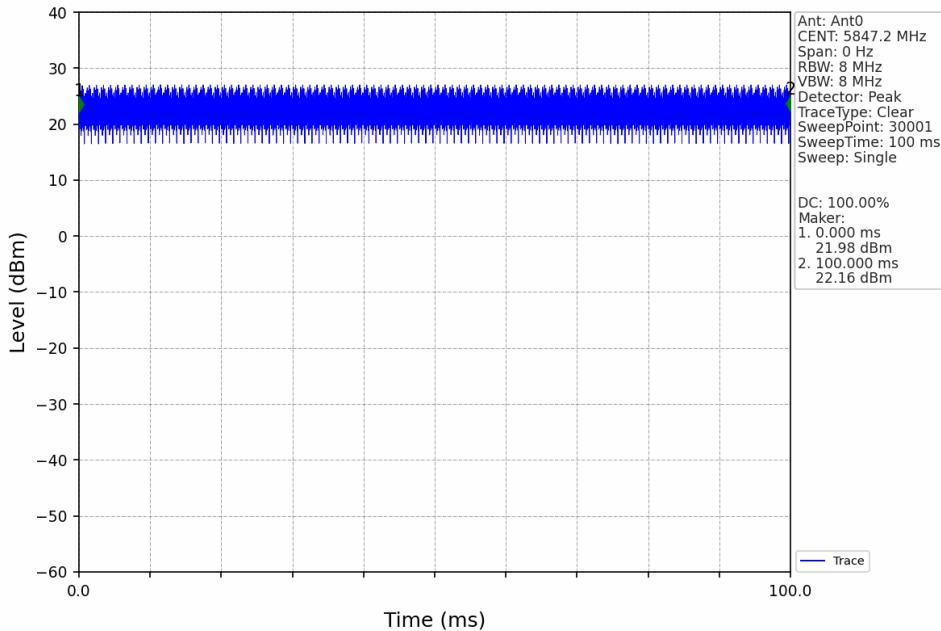
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### 3M\_MCH\_5784.5MHz\_Ant0\_NTNV



### 3M\_HCH\_5847.2MHz\_Ant0\_NTNV



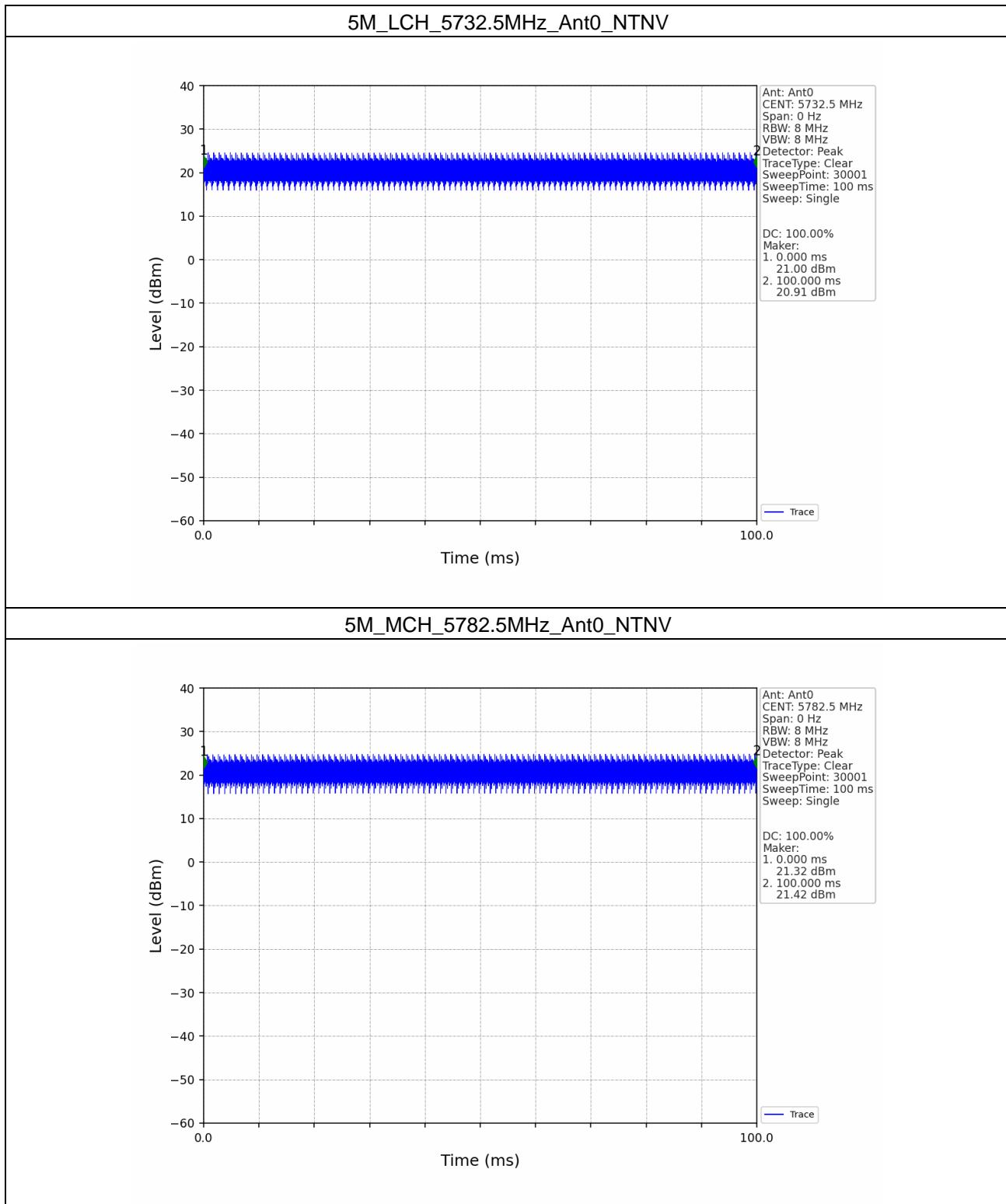
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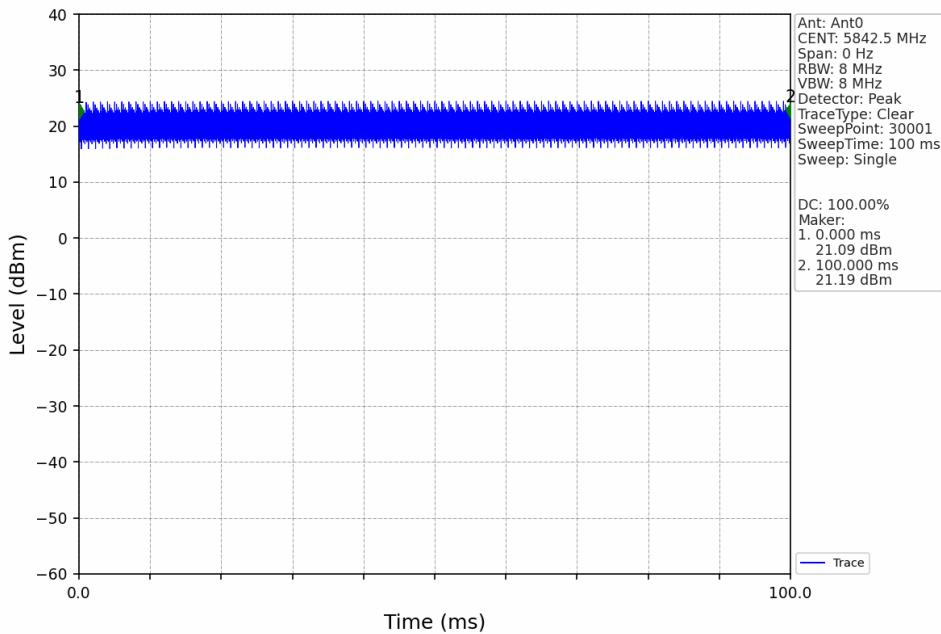
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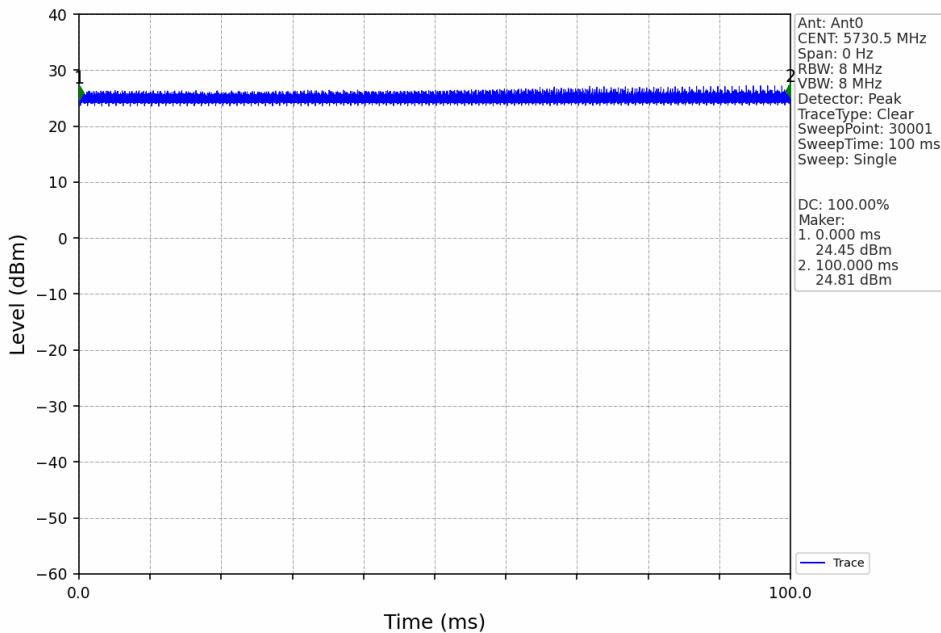
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### 5M\_HCH\_5842.5MHz\_Ant0\_NTNV



### 10M\_LCH\_5730.5MHz\_Ant0\_NTNV



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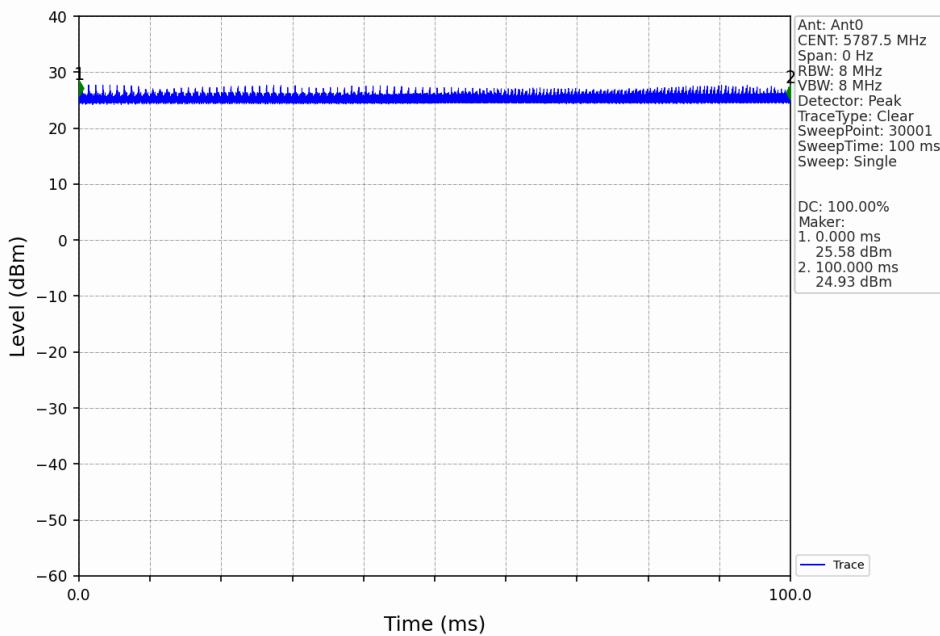
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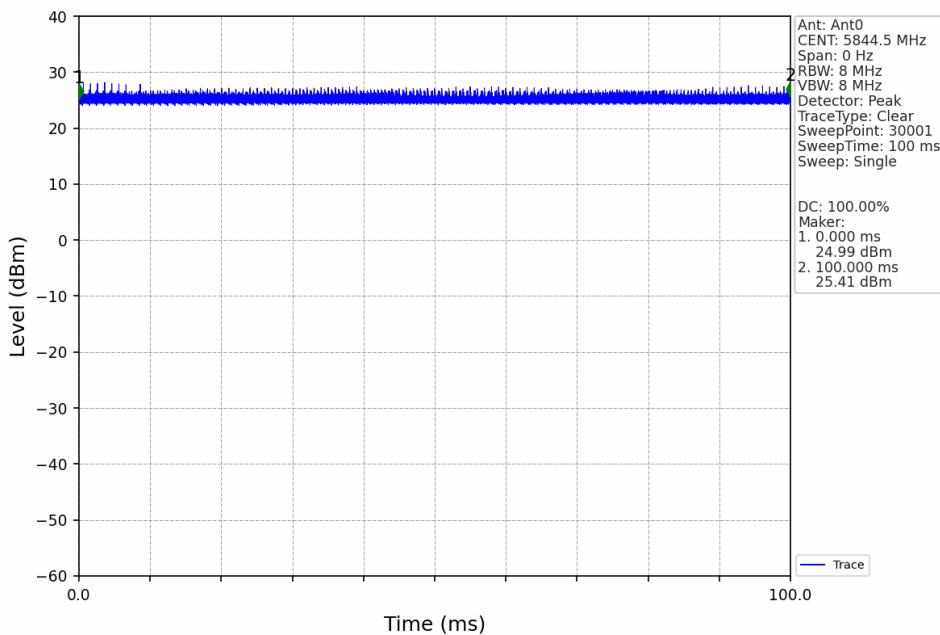
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### 10M\_MCH\_5787.5MHz\_Ant0\_NTNV



### 10M\_HCH\_5844.5MHz\_Ant0\_NTNV



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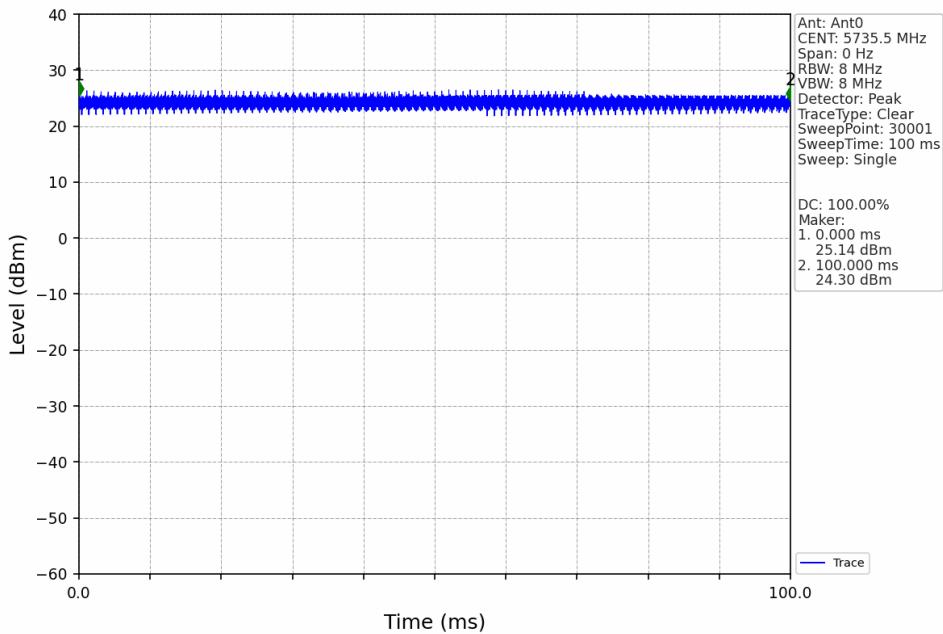
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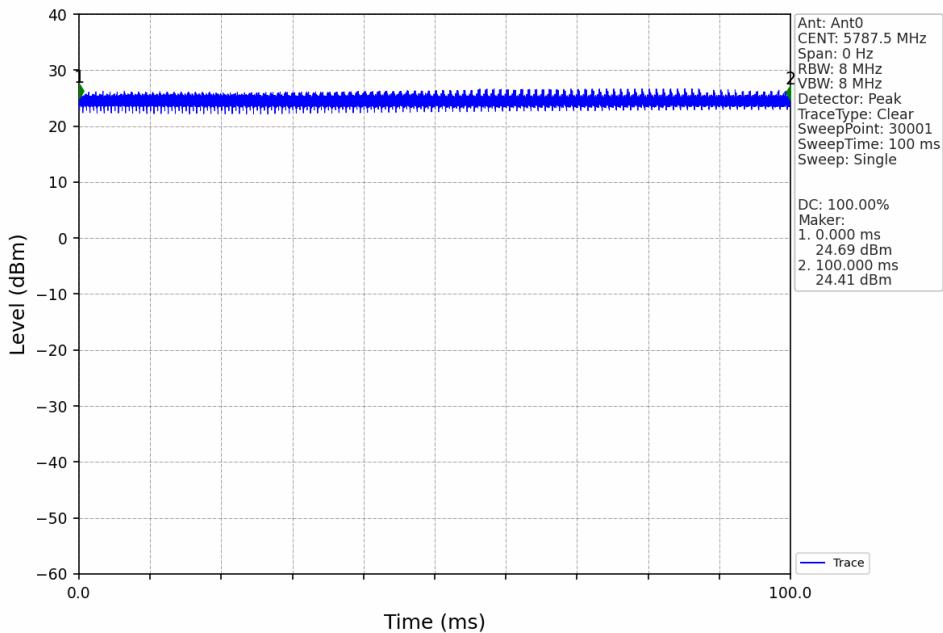
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### 20M\_LCH\_5735.5MHz\_Ant0\_NTNV



### 20M\_MCH\_5787.5MHz\_Ant0\_NTNV



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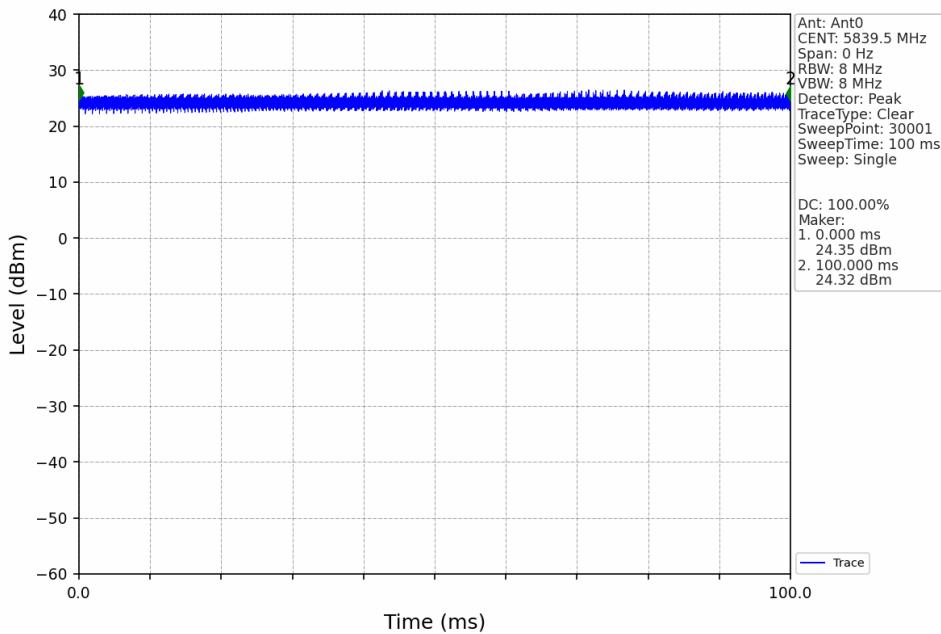
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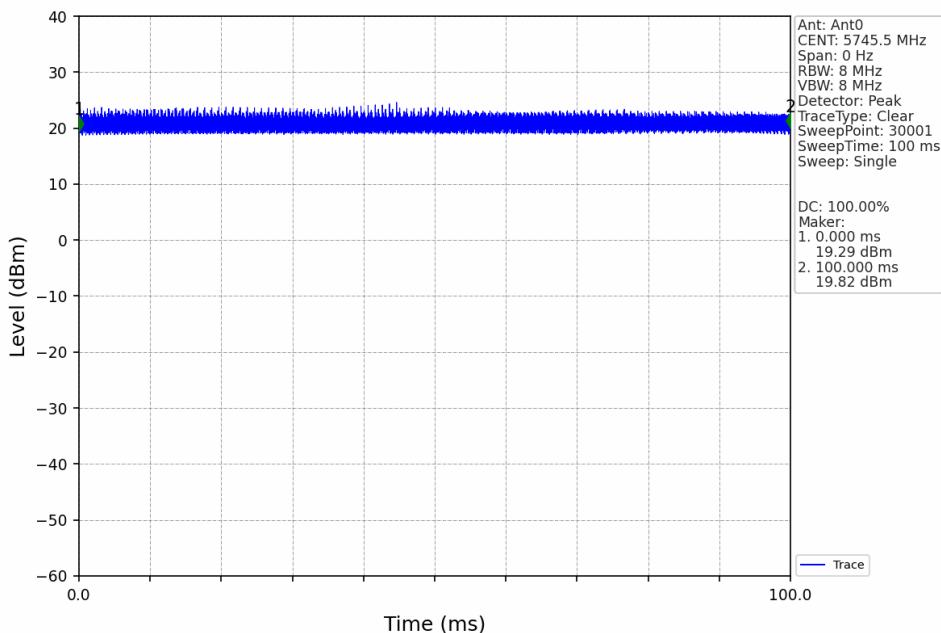
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### 20M\_HCH\_5839.5MHz\_Ant0\_NTNV



### 40M\_LCH\_5745.5MHz\_Ant0\_NTNV



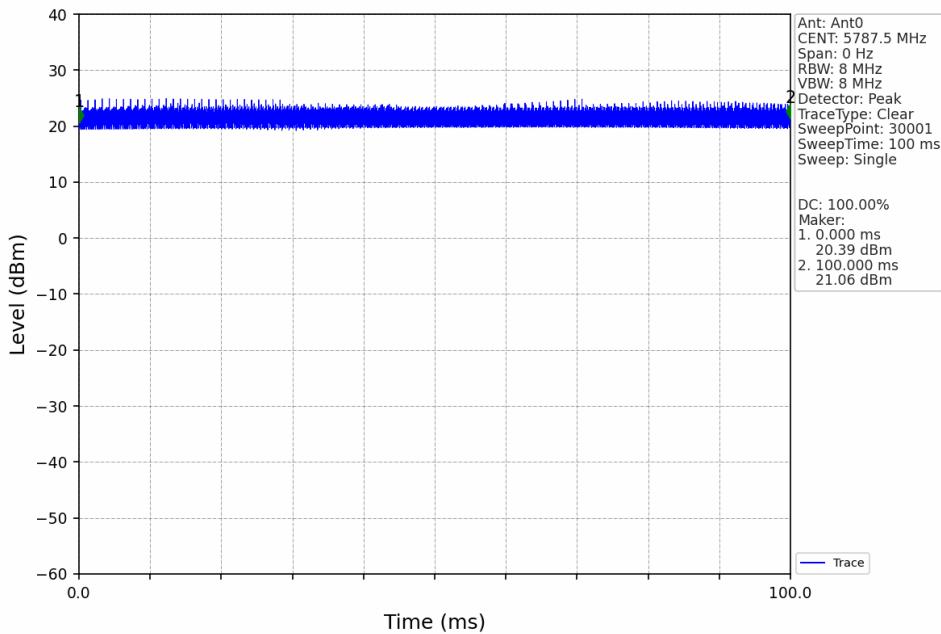
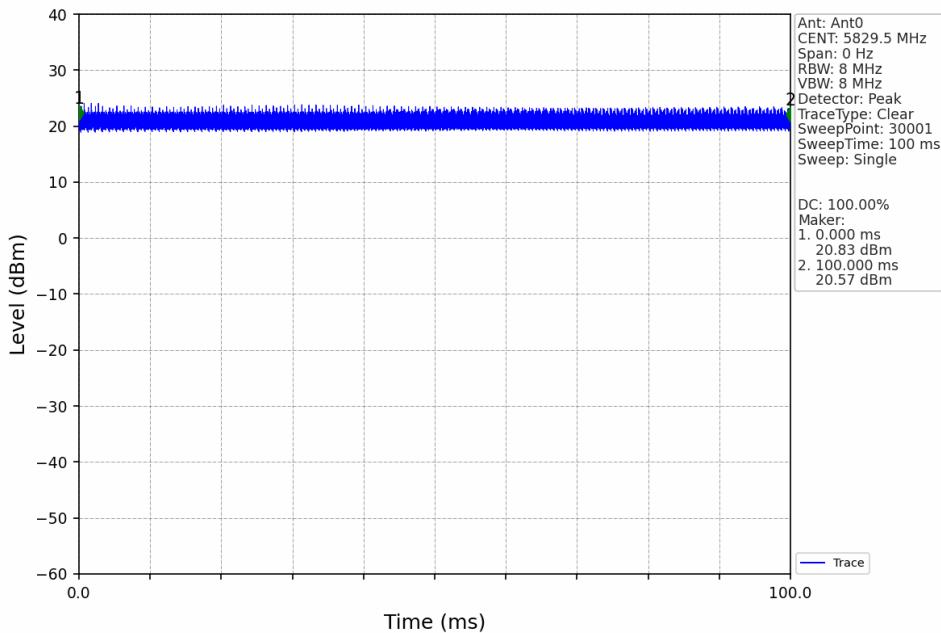
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**40M\_MCH\_5787.5MHz\_Ant0\_NTNV****40M\_HCH\_5829.5MHz\_Ant0\_NTNV**

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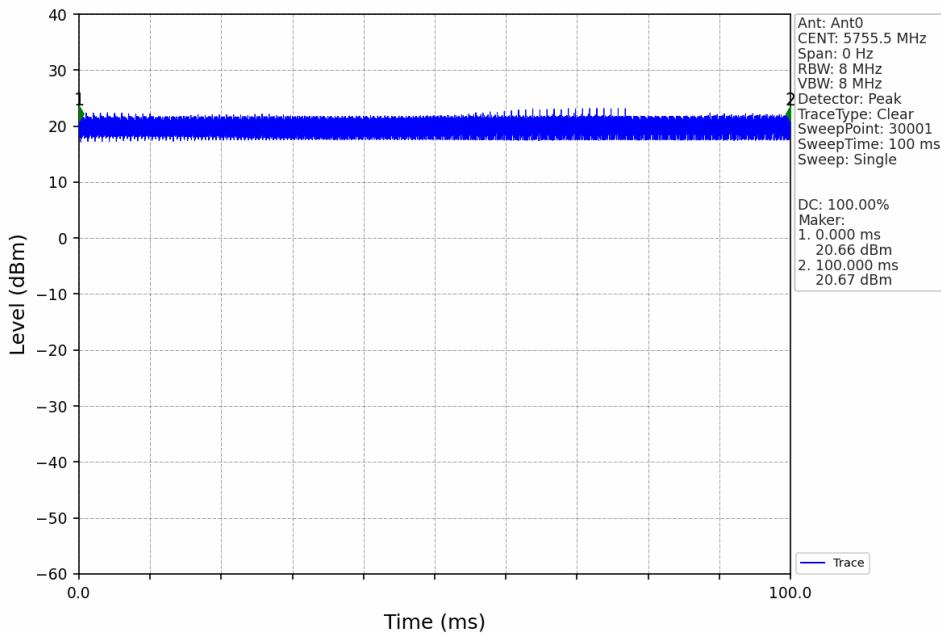
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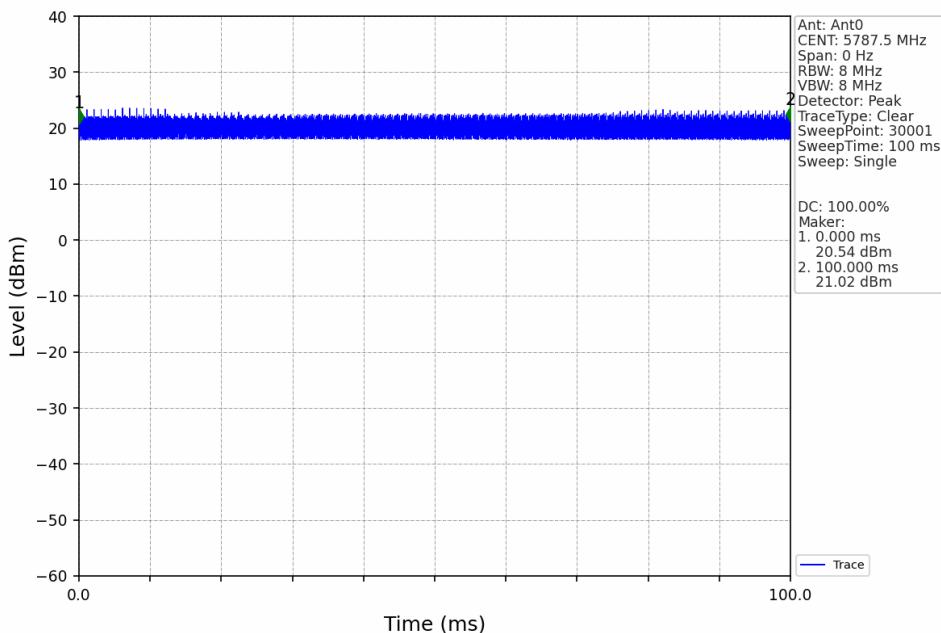
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### 60M\_LCH\_5755.5MHz\_Ant0\_NTNV



### 60M\_MCH\_5787.5MHz\_Ant0\_NTNV



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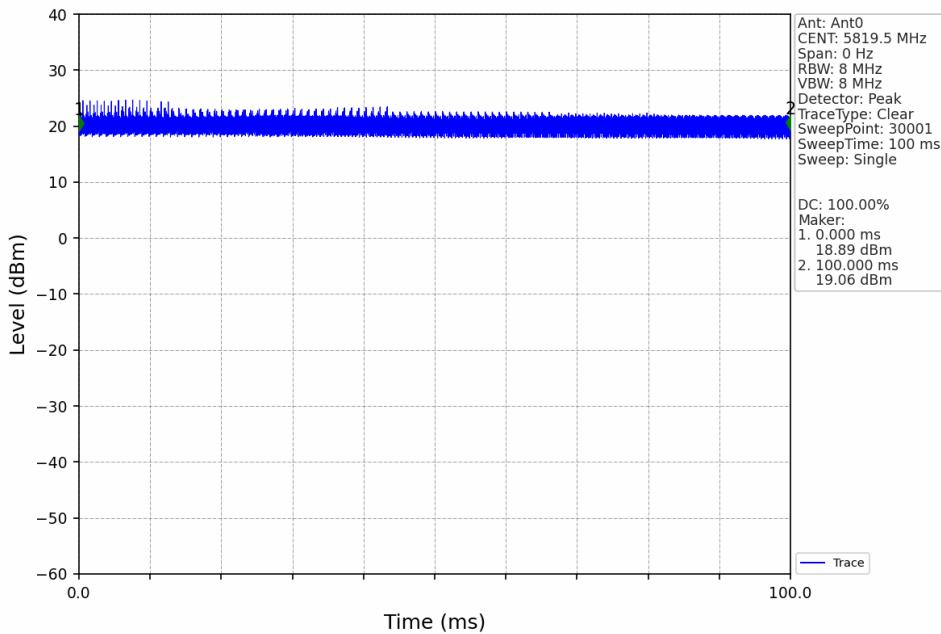
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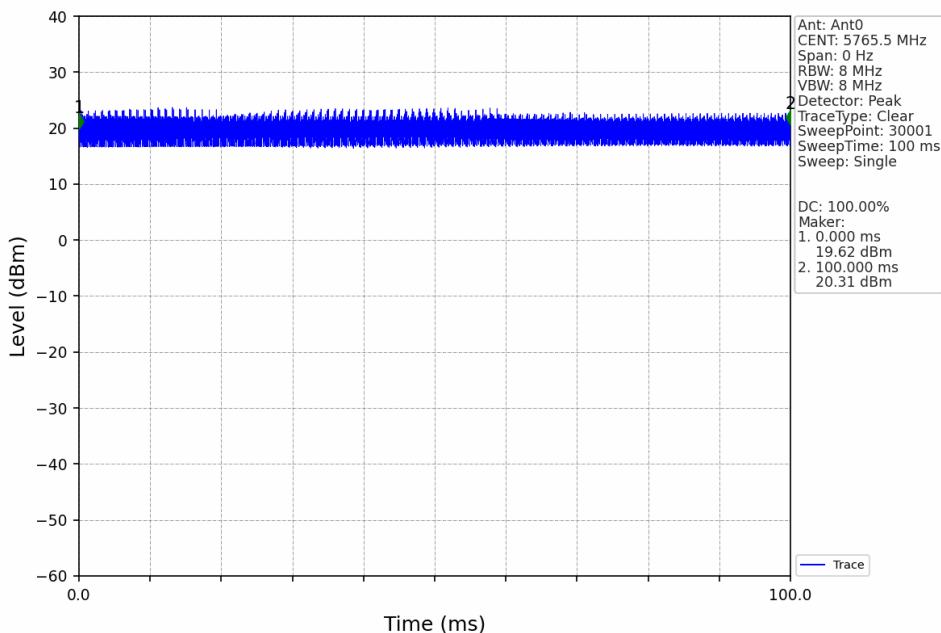
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### 60M\_HCH\_5819.5MHz\_Ant0\_NTNV



### 80M\_LCH\_5765.5MHz\_Ant0\_NTNV



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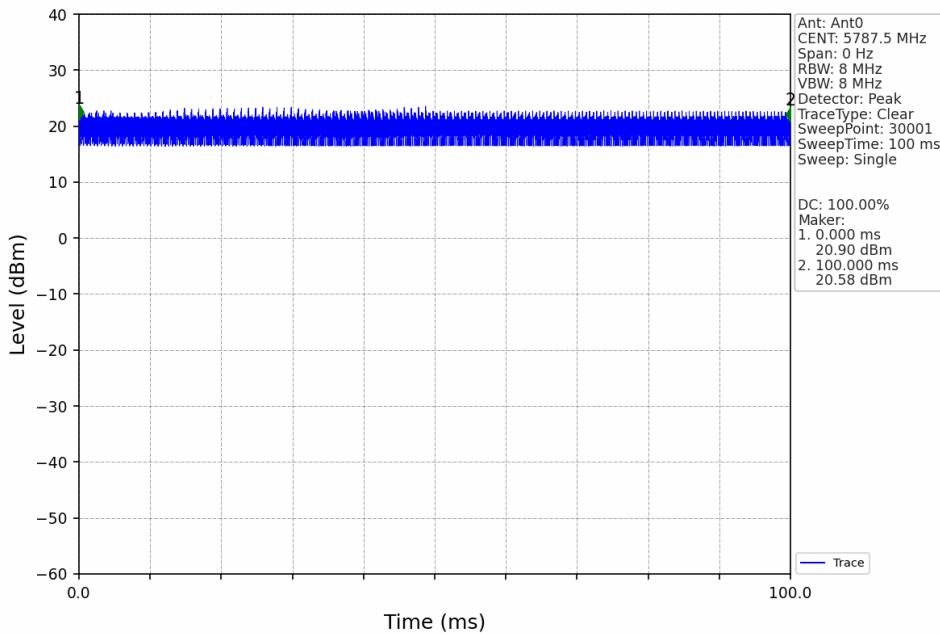
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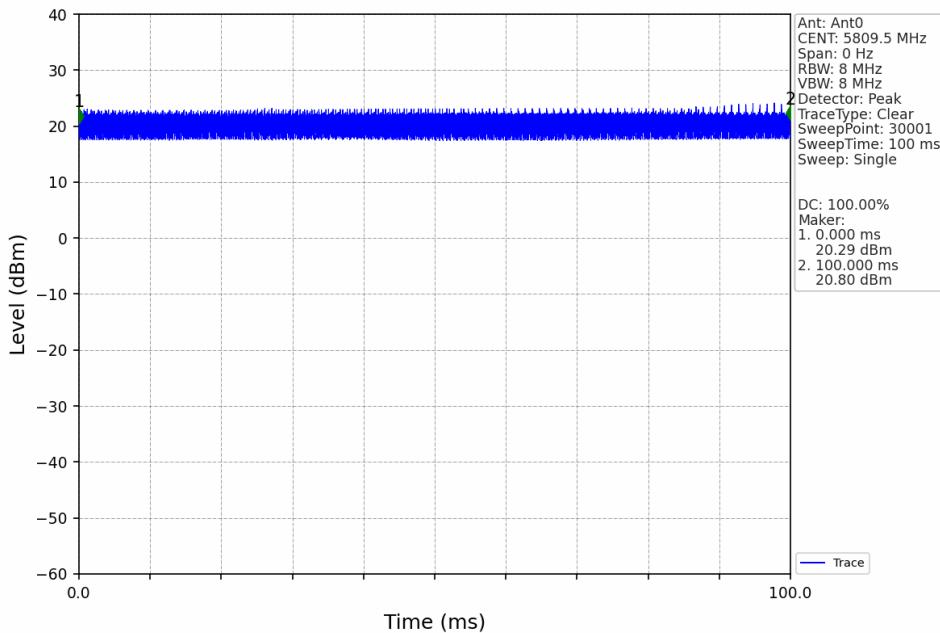
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### 80M\_MCH\_5787.5MHz\_Ant0\_NTNV



### 80M\_HCH\_5809.5MHz\_Ant0\_NTNV



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## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	MIMO	5728.5	0	1.180	/	Pass
		5786.5	0	1.183	/	Pass
		5846.12	0	1.181	/	Pass
3M	MIMO	5727.5	0	2.300	/	Pass
		5784.5	0	2.277	/	Pass
		5847.2	0	2.290	/	Pass
5M	MIMO	5732.5	0	4.408	/	Pass
		5782.5	0	4.404	/	Pass
		5842.5	0	4.401	/	Pass
10M	MIMO	5730.5	0	19.515	/	Pass
		5787.5	0	18.399	/	Pass
		5844.5	0	19.073	/	Pass
20M	MIMO	5735.5	0	36.846	/	Pass
		5787.5	0	35.799	/	Pass
		5839.5	0	37.341	/	Pass
40M	MIMO	5745.5	0	70.924	/	Pass
		5787.5	0	71.300	/	Pass
		5829.5	0	69.529	/	Pass
60M	MIMO	5755.5	0	97.953	/	Pass
		5787.5	0	98.141	/	Pass
		5819.5	0	100.995	/	Pass
80M	MIMO	5765.5	0	136.337	/	Pass
		5787.5	0	134.914	/	Pass
		5809.5	0	140.027	/	Pass

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## 2.1.2 6dB BW

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	MIMO	5728.5	0	1.112	>=0.5	Pass
		5786.5	0	1.117	>=0.5	Pass
		5846.12	0	1.115	>=0.5	Pass
3M	MIMO	5727.5	0	2.197	>=0.5	Pass
		5784.5	0	2.204	>=0.5	Pass
		5847.2	0	2.192	>=0.5	Pass
5M	MIMO	5732.5	0	4.352	>=0.5	Pass
		5782.5	0	4.362	>=0.5	Pass
		5842.5	0	4.362	>=0.5	Pass
10M	MIMO	5730.5	0	9.056	>=0.5	Pass
		5787.5	0	9.057	>=0.5	Pass
		5844.5	0	9.060	>=0.5	Pass
20M	MIMO	5735.5	0	18.004	>=0.5	Pass
		5787.5	0	18.045	>=0.5	Pass
		5839.5	0	17.989	>=0.5	Pass
40M	MIMO	5745.5	0	35.919	>=0.5	Pass
		5787.5	0	35.776	>=0.5	Pass
		5829.5	0	35.731	>=0.5	Pass
60M	MIMO	5755.5	0	53.512	>=0.5	Pass
		5787.5	0	53.224	>=0.5	Pass
		5819.5	0	53.323	>=0.5	Pass
80M	MIMO	5765.5	0	70.411	>=0.5	Pass
		5787.5	0	70.744	>=0.5	Pass
		5809.5	0	70.317	>=0.5	Pass

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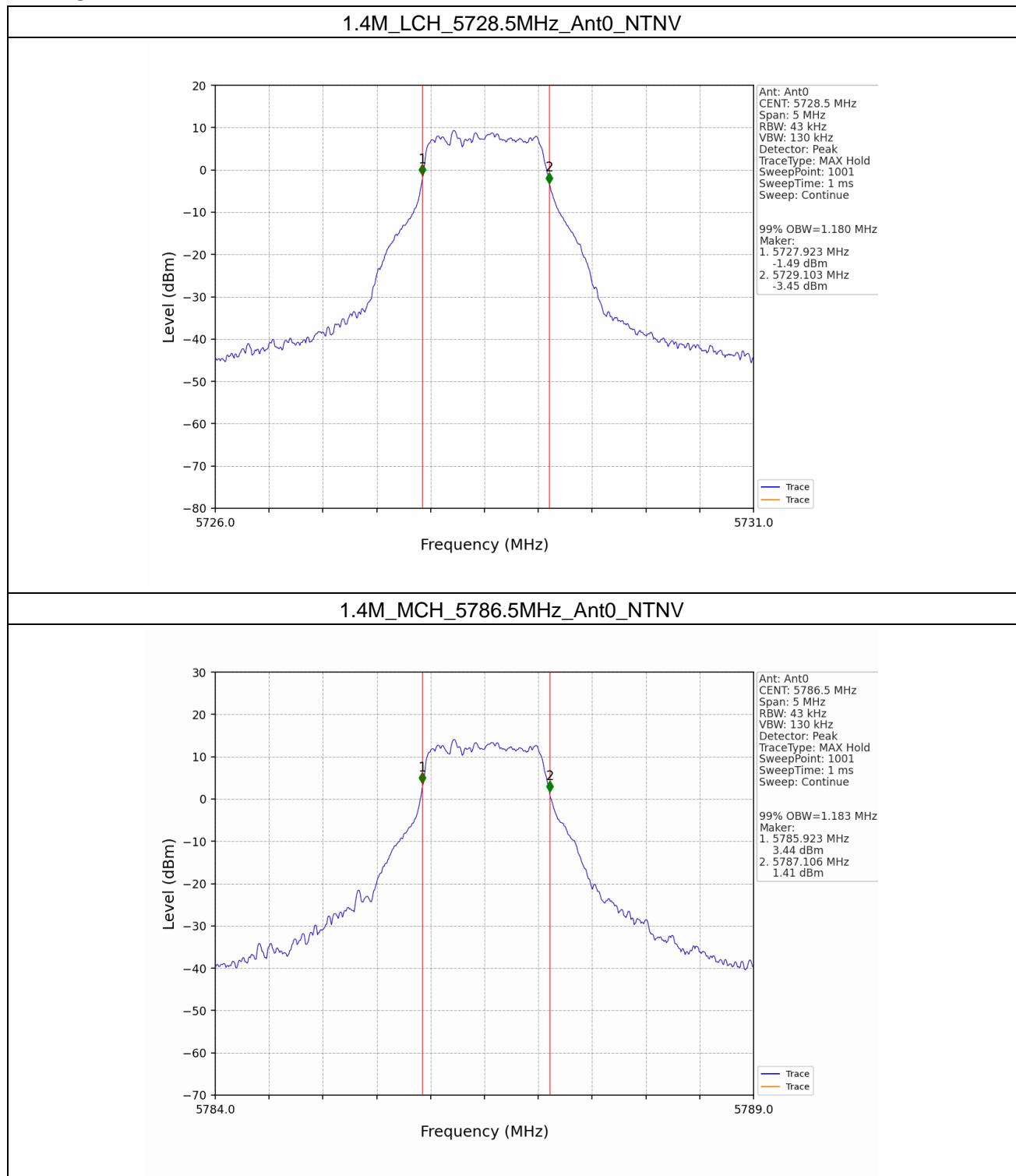
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### 2.2 Test Graph

#### 2.2.1 OBW



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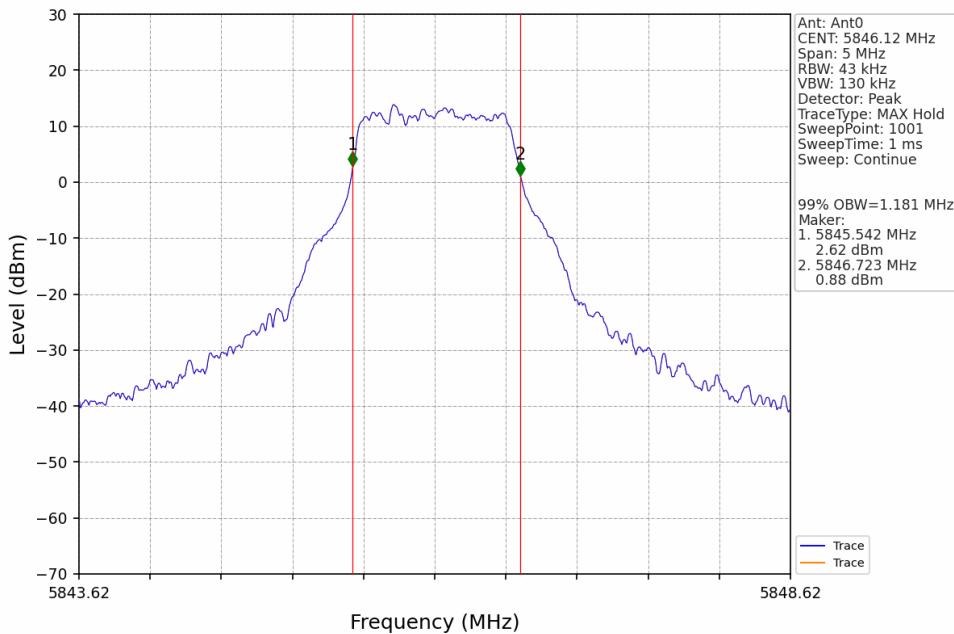
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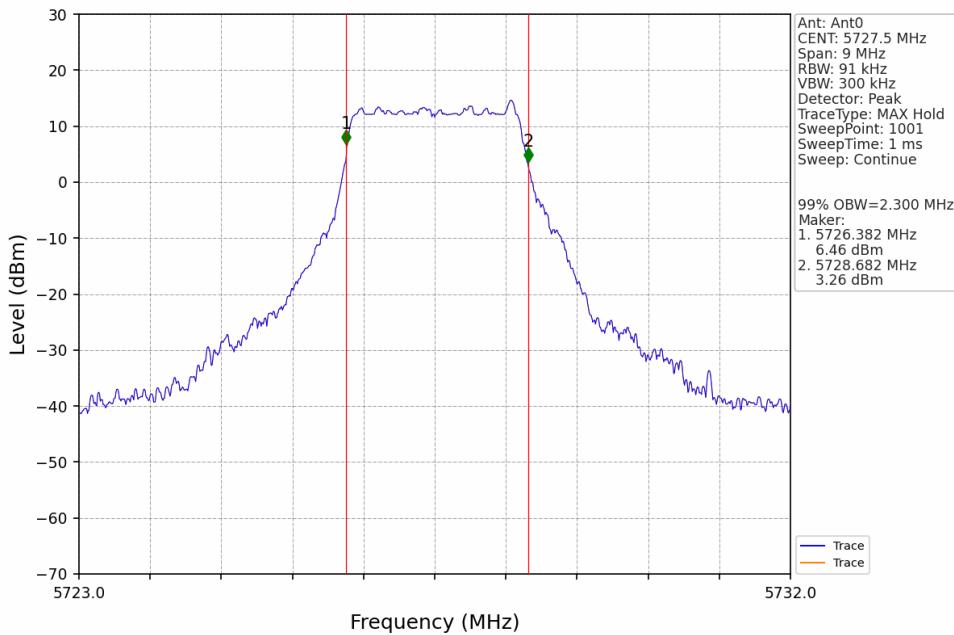
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### 1.4M\_HCH\_5846.12MHz\_Ant0\_NTNV



### 3M\_LCH\_5727.5MHz\_Ant0\_NTNV



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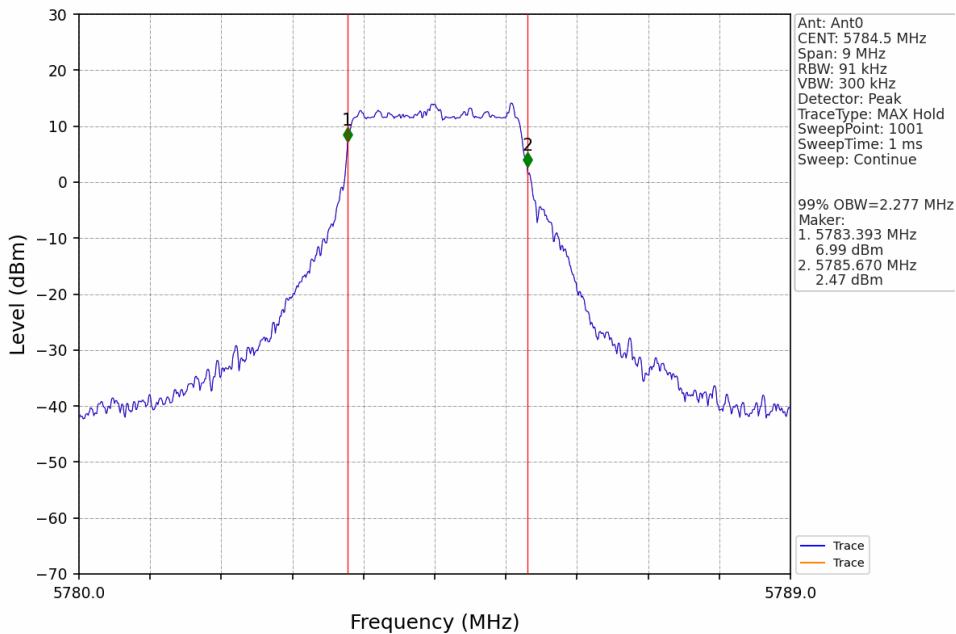
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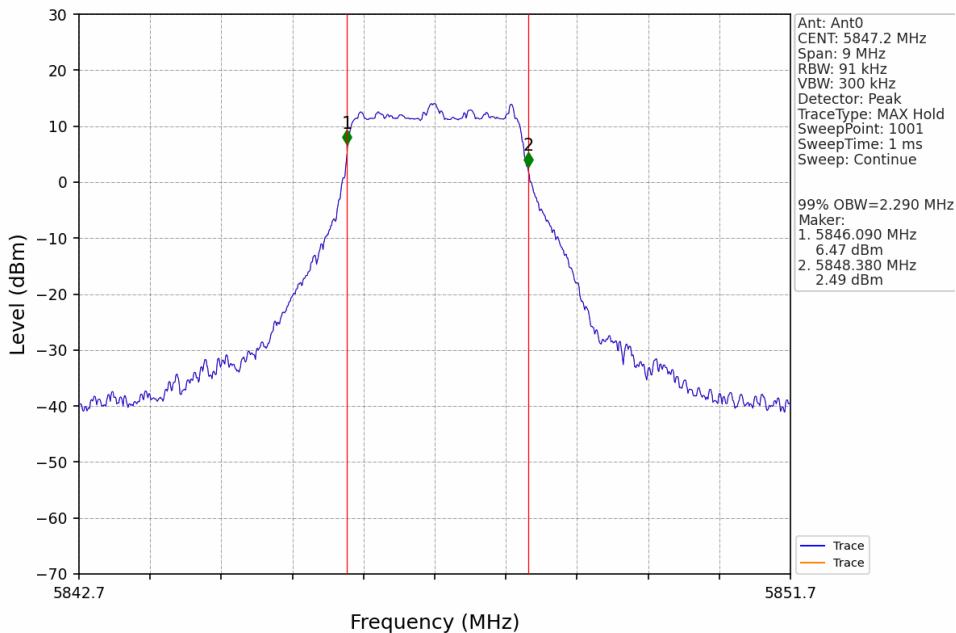
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### 3M\_MCH\_5784.5MHz\_Ant0\_NTNV



### 3M\_HCH\_5847.2MHz\_Ant0\_NTNV



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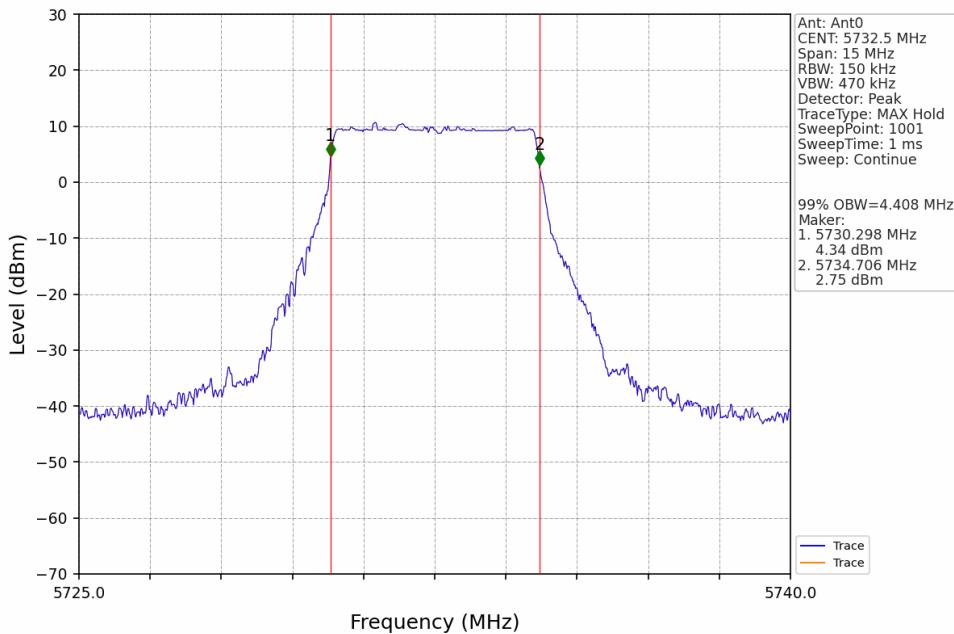
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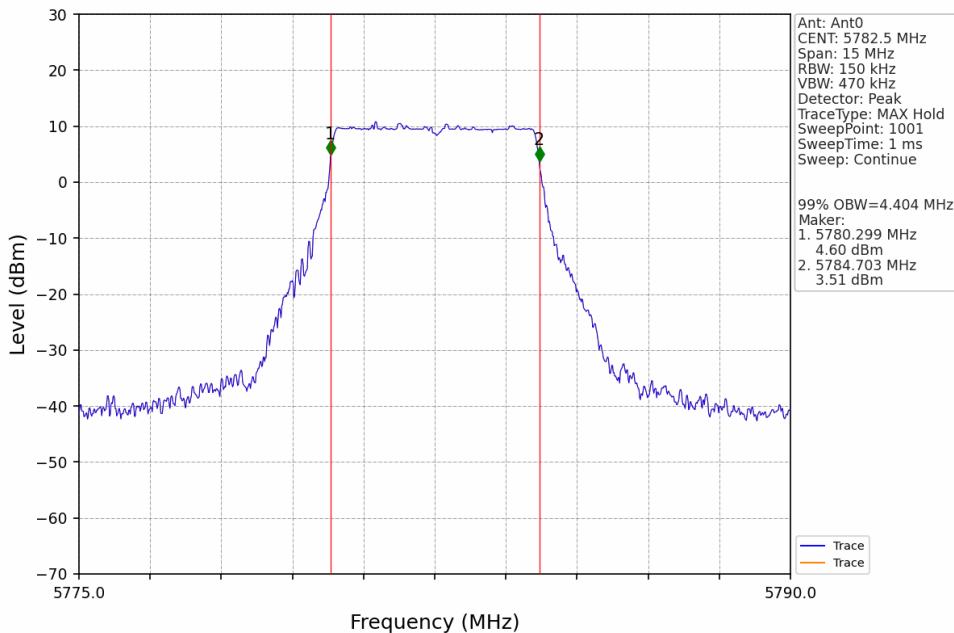
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### 5M\_LCH\_5732.5MHz\_Ant0\_NTNV



### 5M\_MCH\_5782.5MHz\_Ant0\_NTNV



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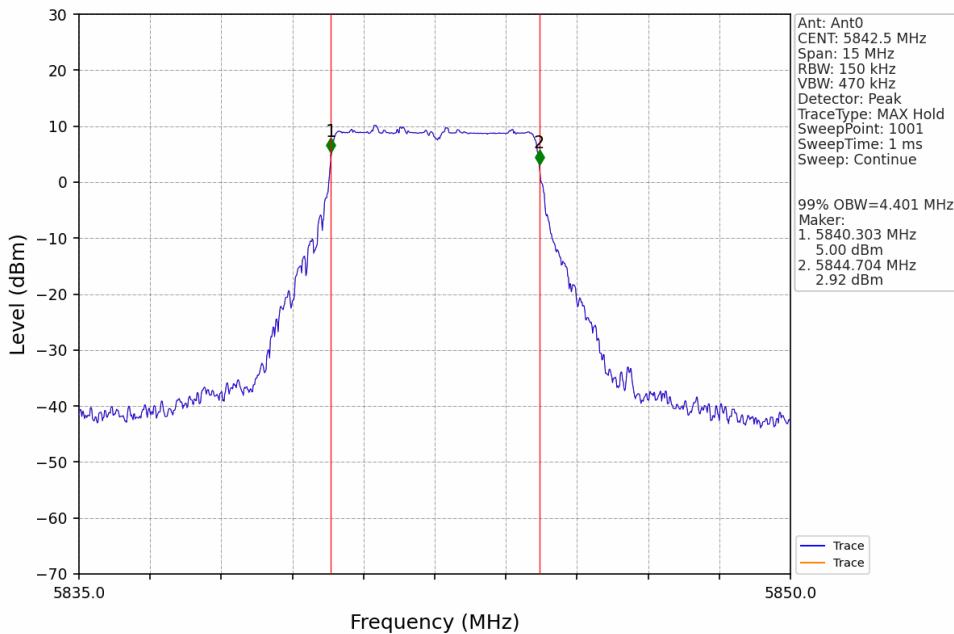
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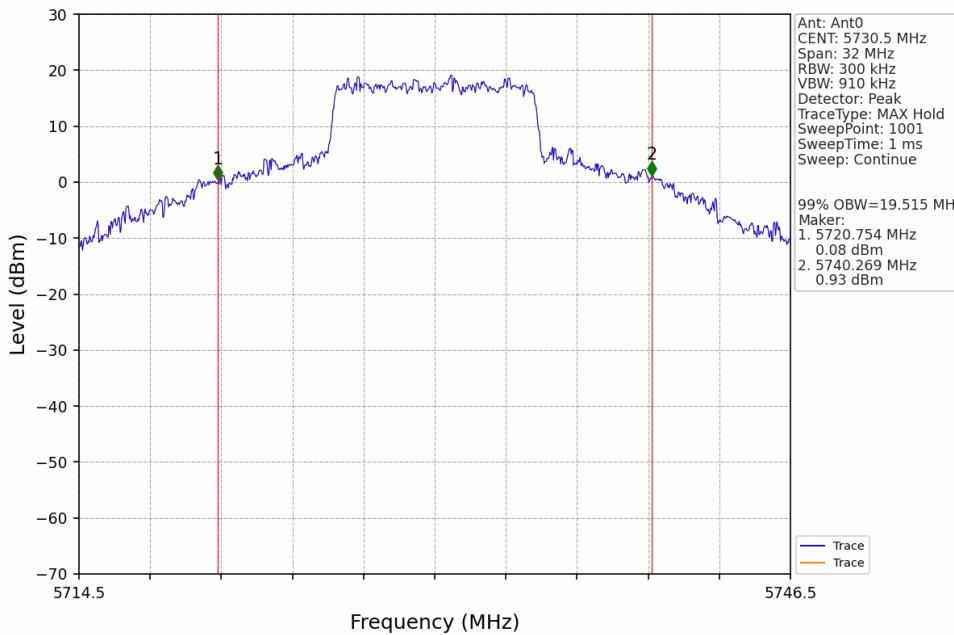
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### 5M\_HCH\_5842.5MHz\_Ant0\_NTNV



### 10M\_LCH\_5730.5MHz\_Ant0\_NTNV



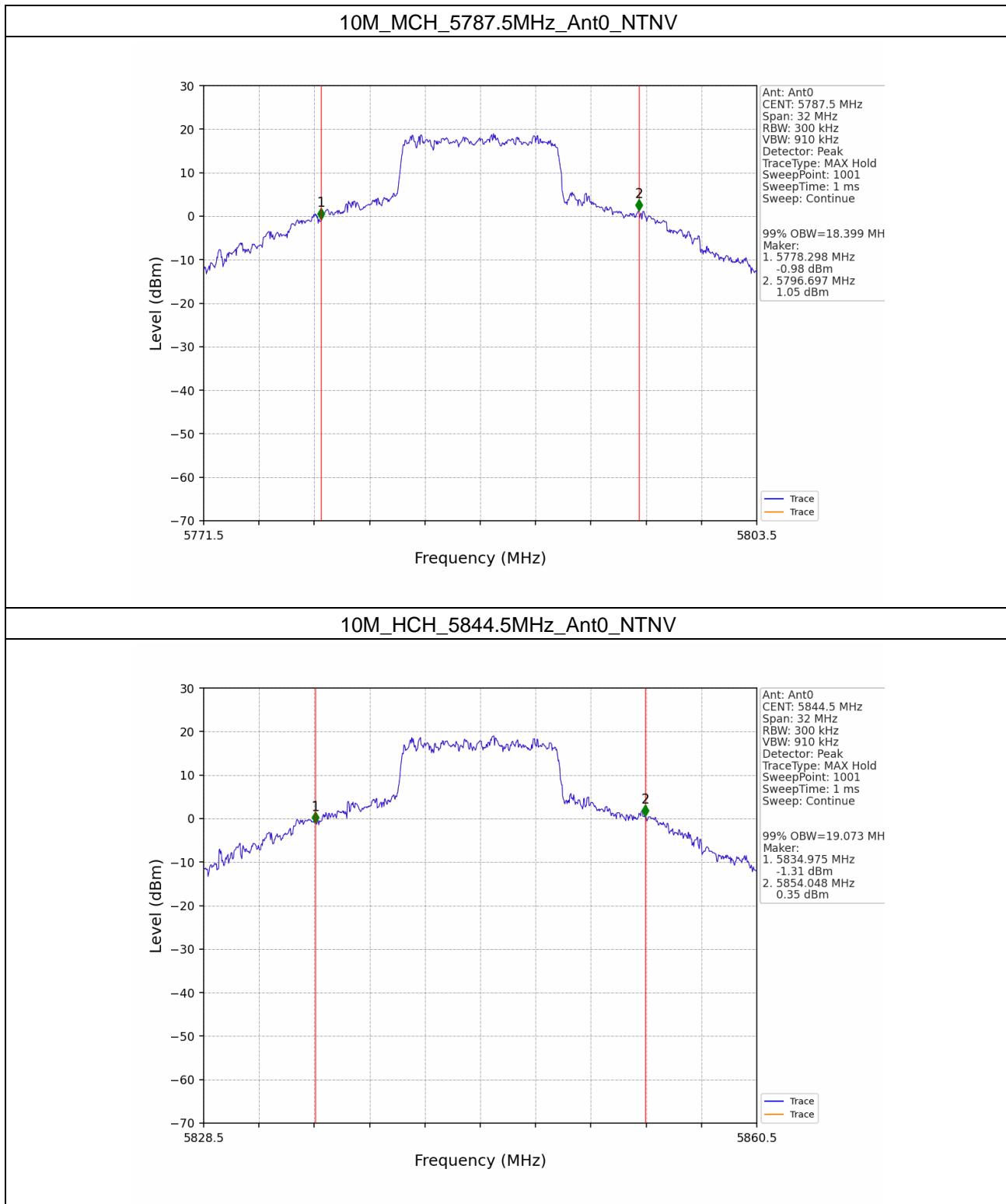
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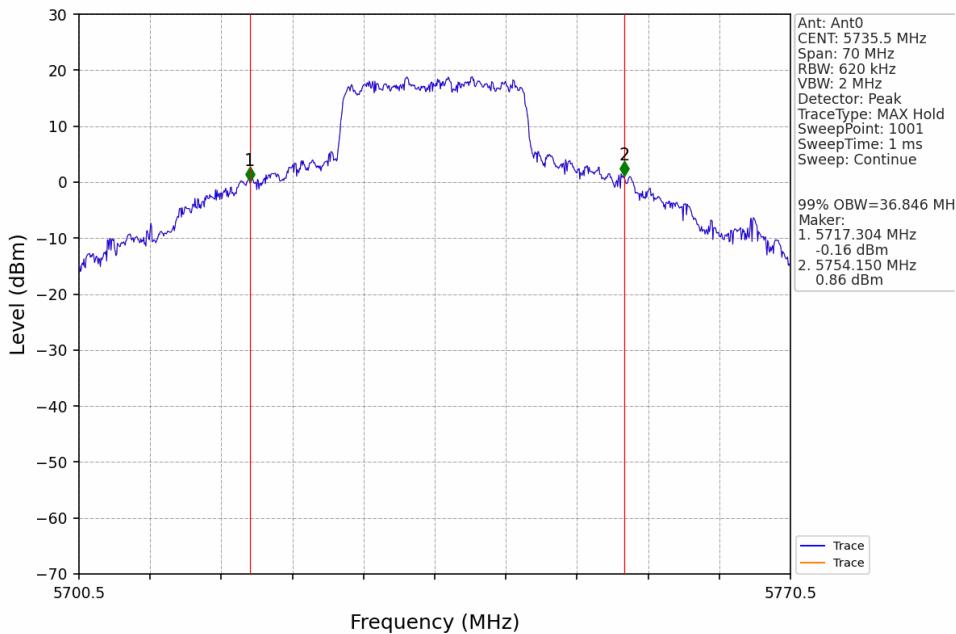
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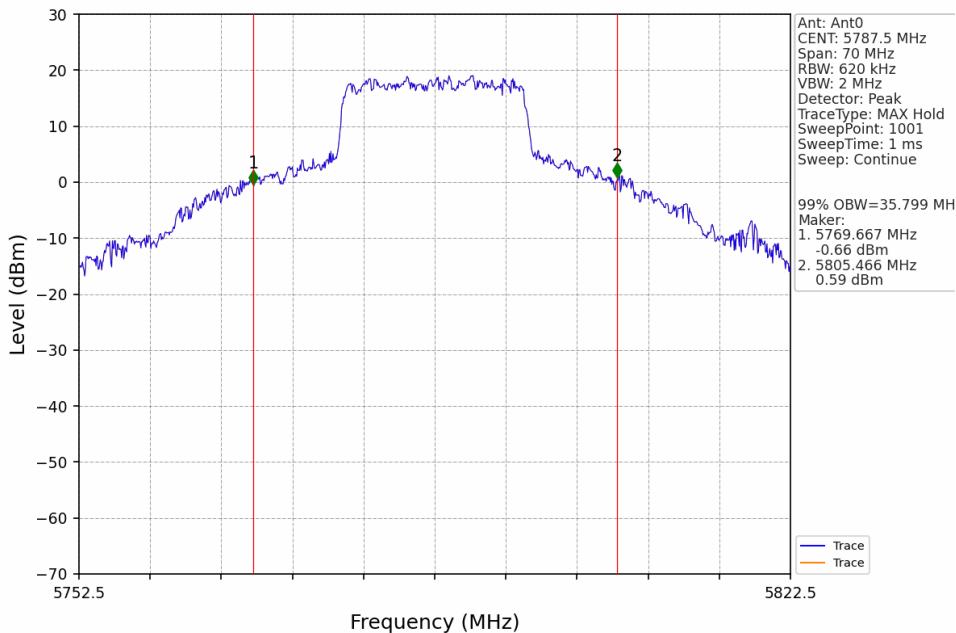
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### 20M\_LCH\_5735.5MHz\_Ant0\_NTNV



### 20M\_MCH\_5787.5MHz\_Ant0\_NTNV



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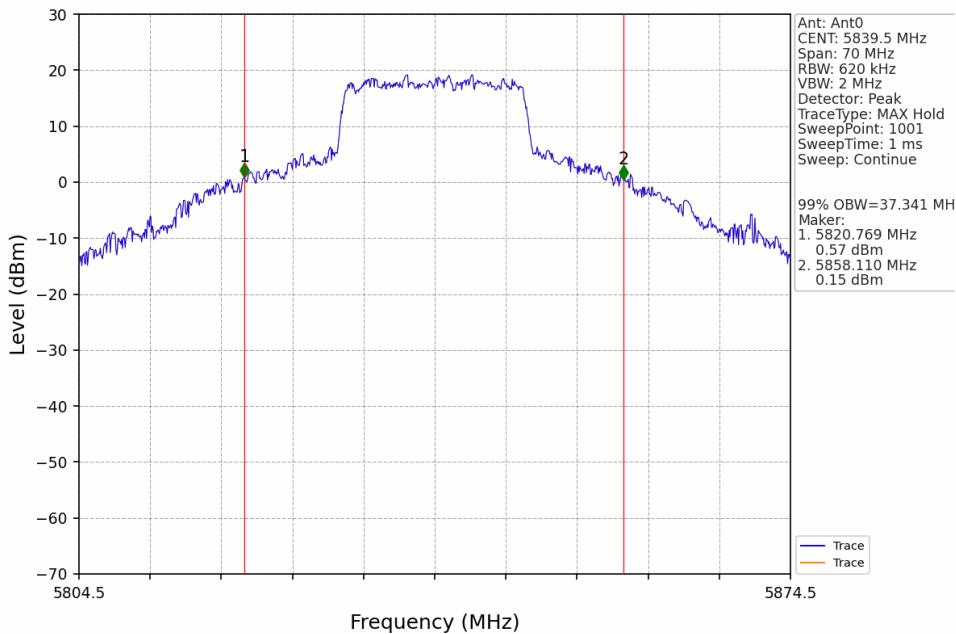
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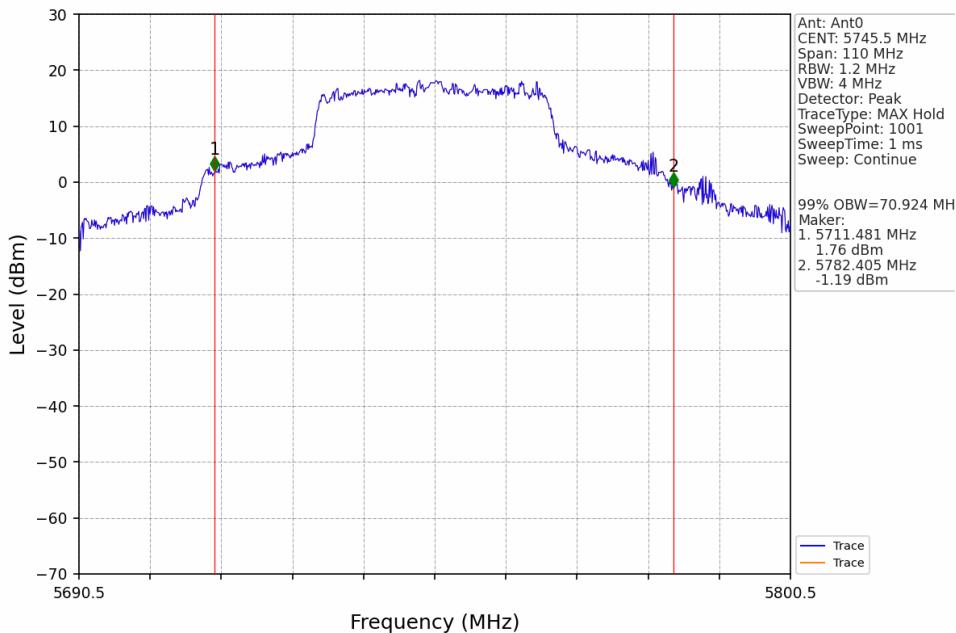
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### 20M\_HCH\_5839.5MHz\_Ant0\_NTNV



### 40M\_LCH\_5745.5MHz\_Ant0\_NTNV



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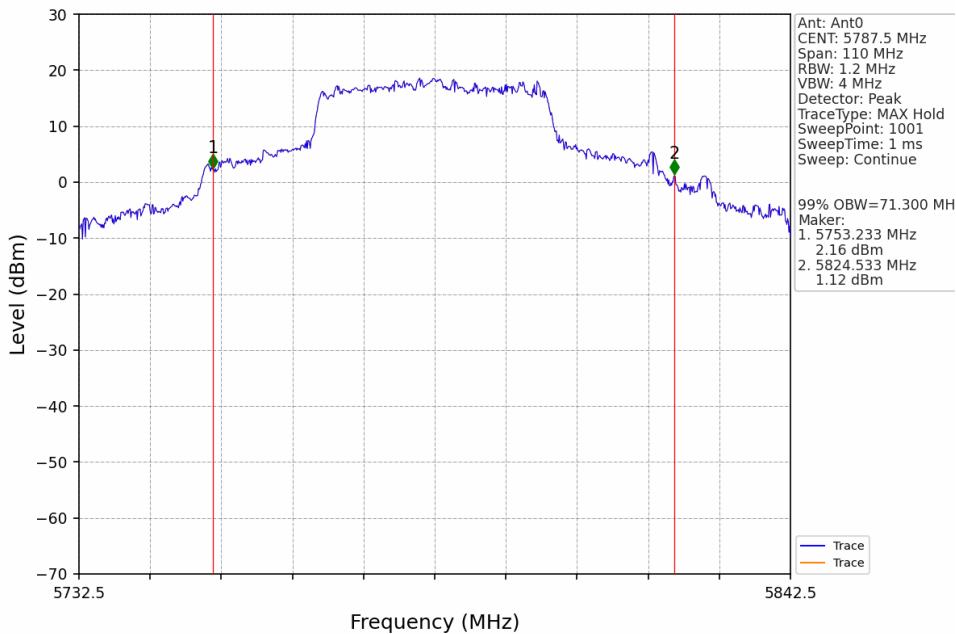
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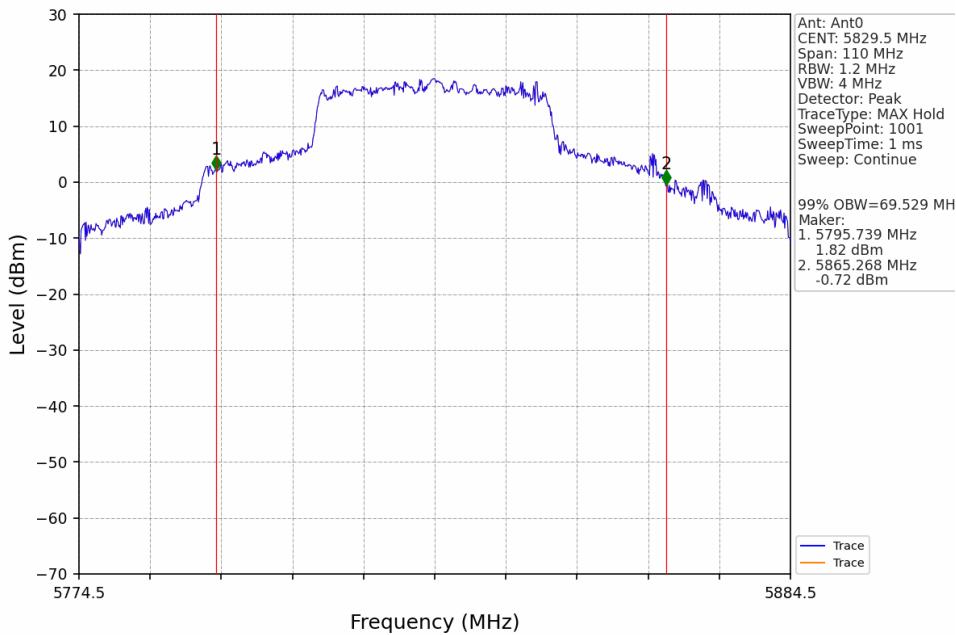
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### 40M\_MCH\_5787.5MHz\_Ant0\_NTNV



### 40M\_HCH\_5829.5MHz\_Ant0\_NTNV



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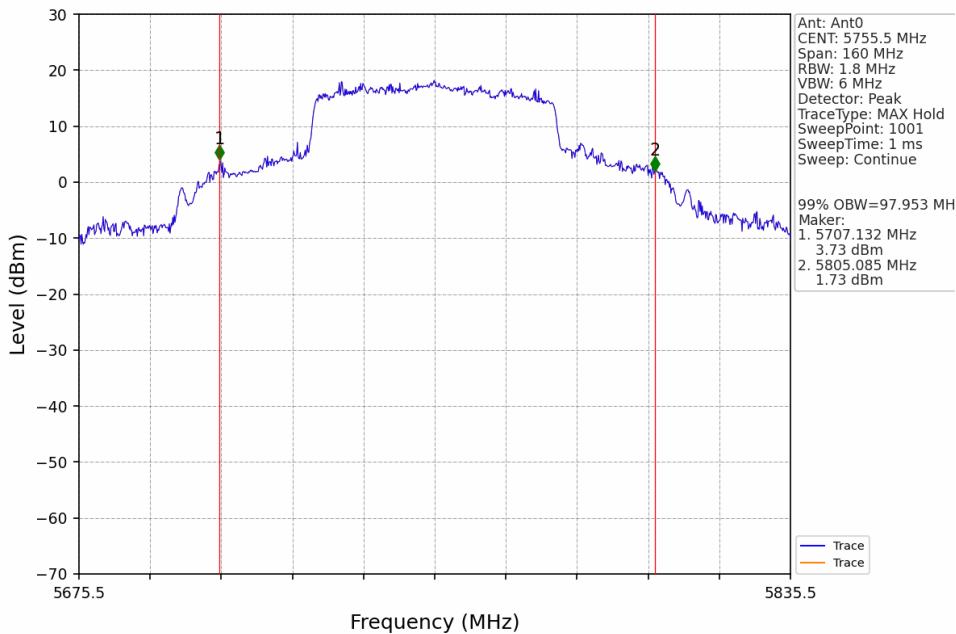
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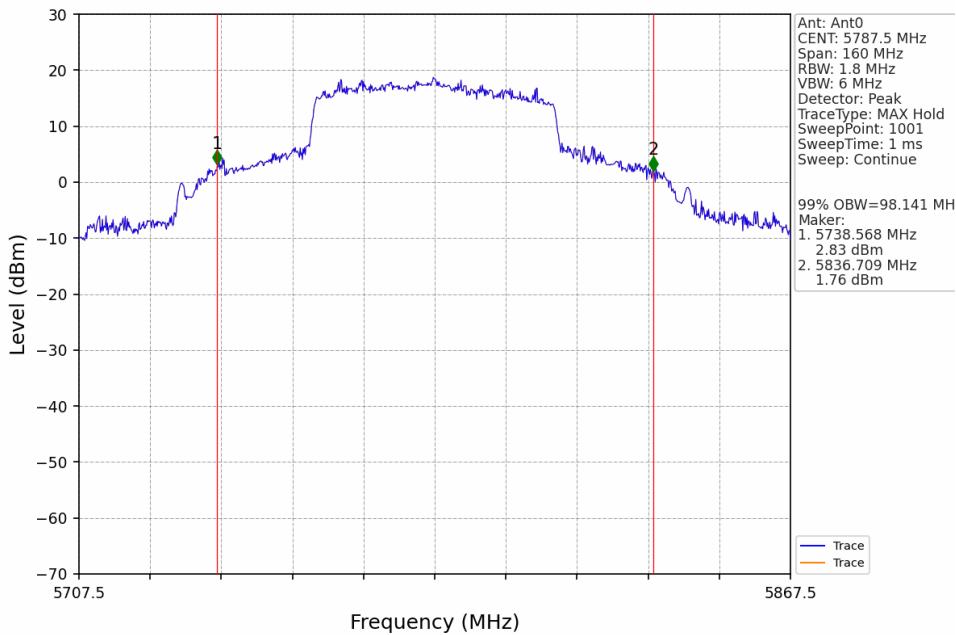
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### 60M\_LCH\_5755.5MHz\_Ant0\_NTNV



### 60M\_MCH\_5787.5MHz\_Ant0\_NTNV



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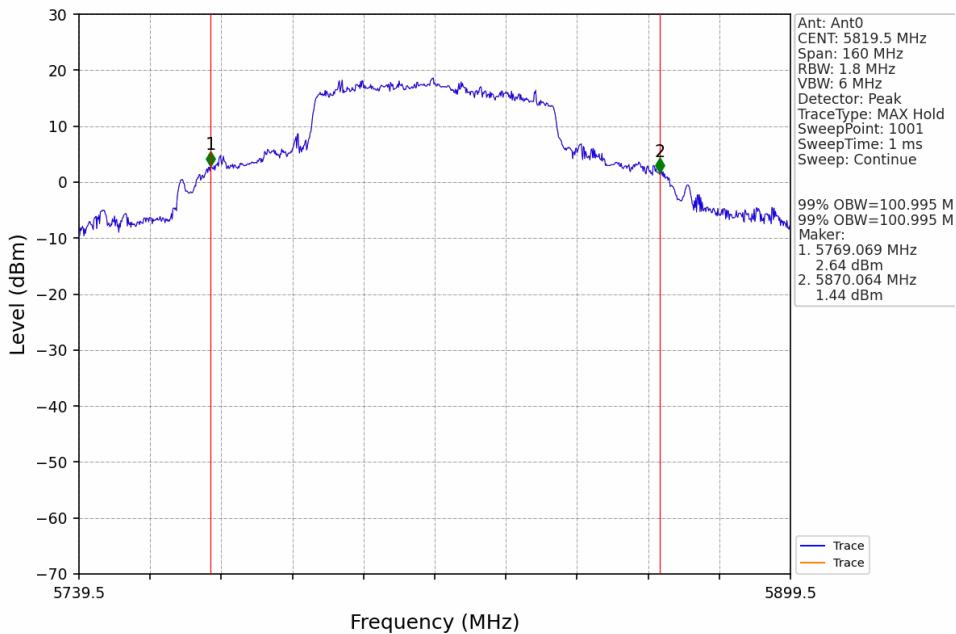
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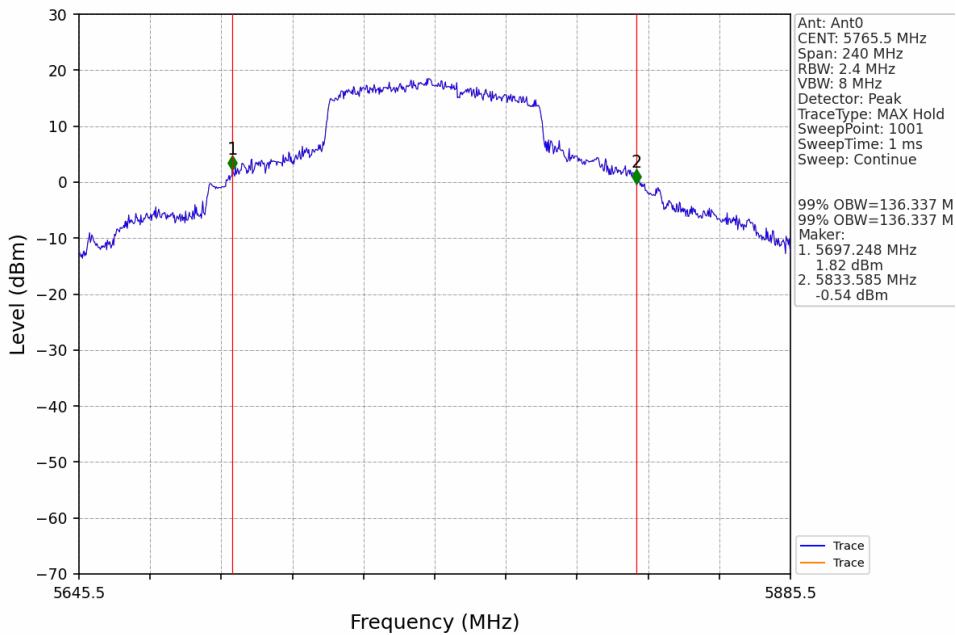
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### 60M\_HCH\_5819.5MHz\_Ant0\_NTNV



### 80M\_LCH\_5765.5MHz\_Ant0\_NTNV



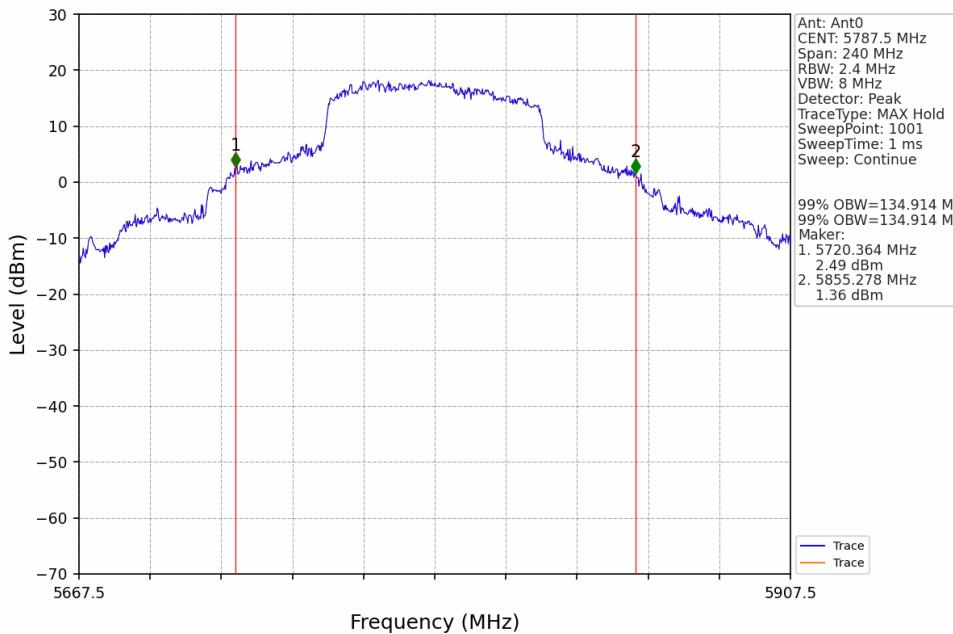
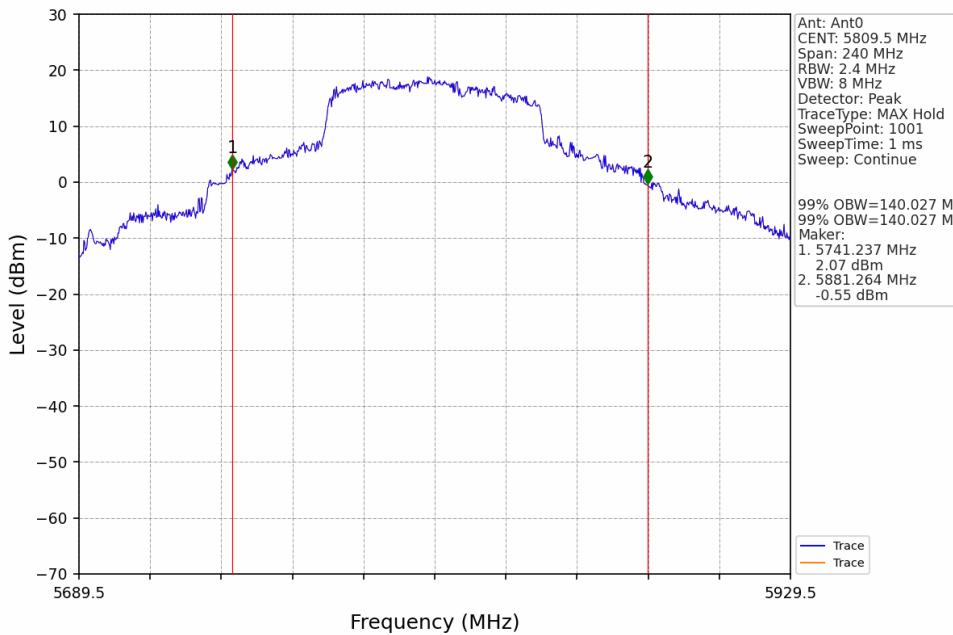
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**80M\_MCH\_5787.5MHz\_Ant0\_NTNV****80M\_HCH\_5809.5MHz\_Ant0\_NTNV**

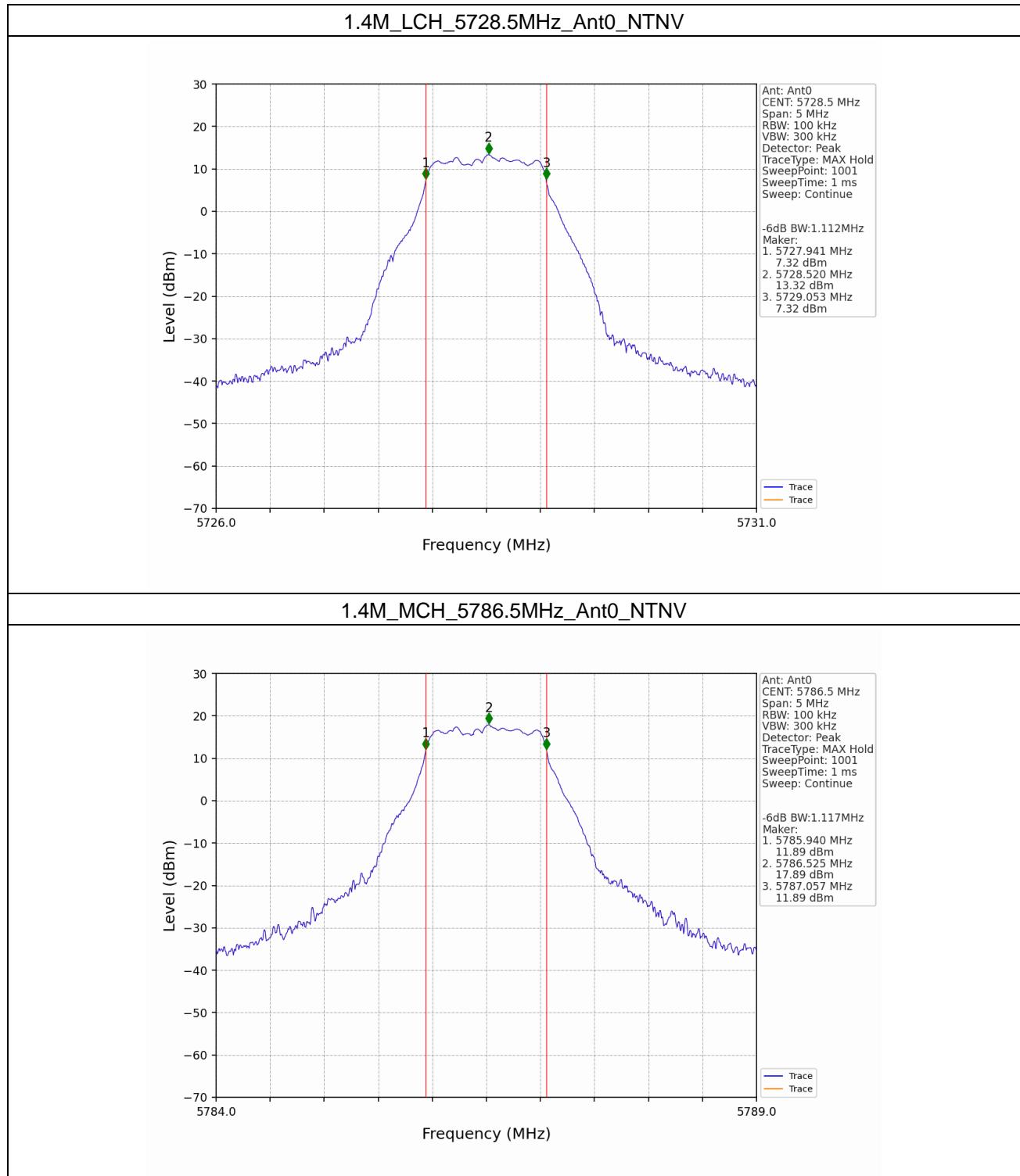
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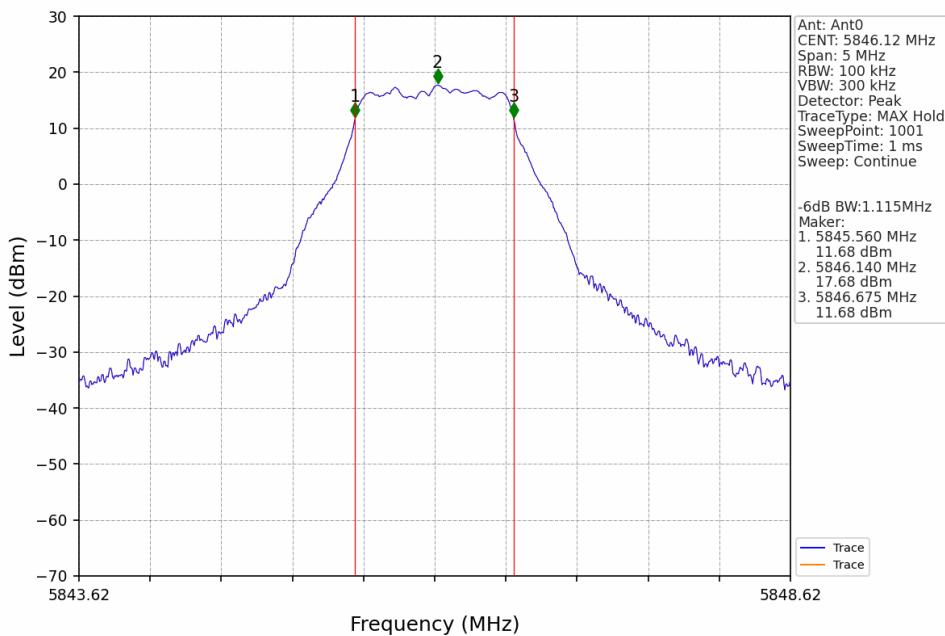
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**2.2.2 6dB BW**

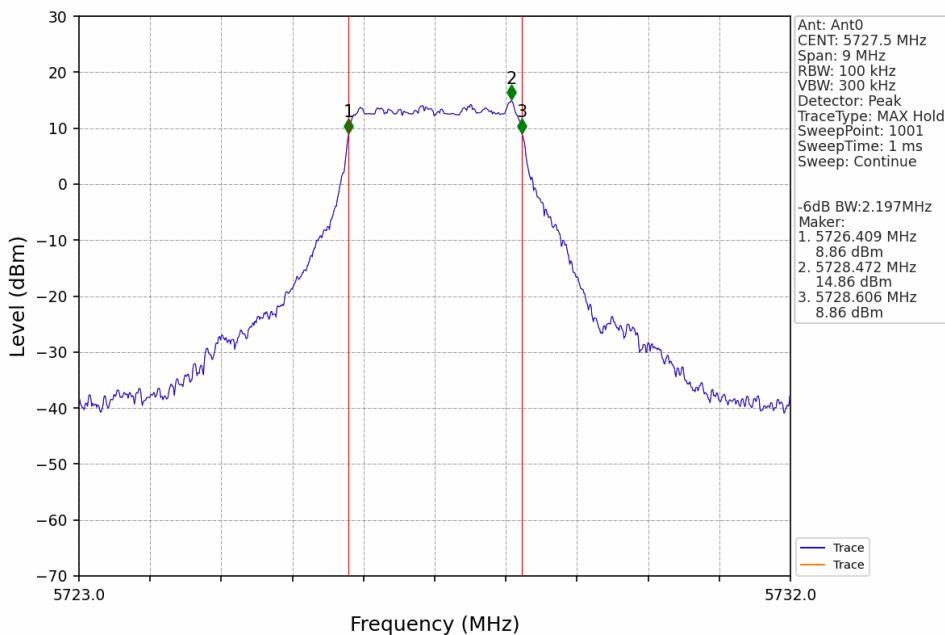
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### 1.4M\_HCH\_5846.12MHz\_Ant0\_NTNV



### 3M\_LCH\_5727.5MHz\_Ant0\_NTNV



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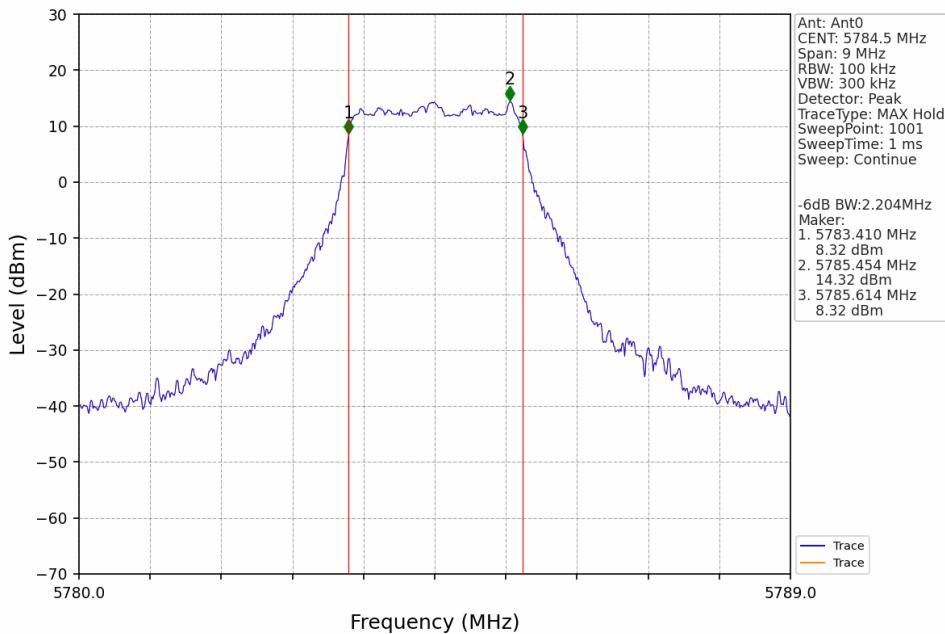
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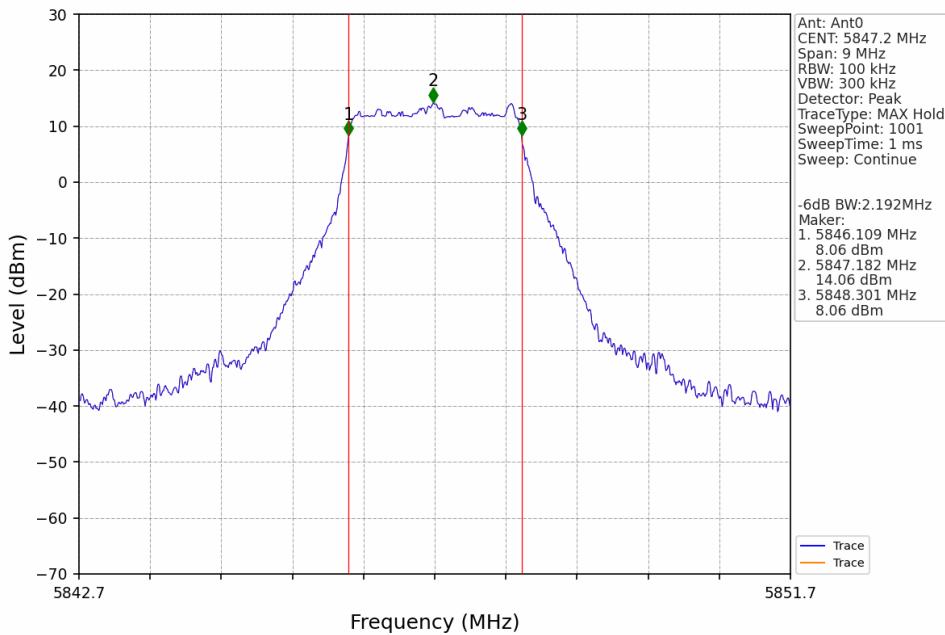
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### 3M\_MCH\_5784.5MHz\_Ant0\_NTNV



### 3M\_HCH\_5847.2MHz\_Ant0\_NTNV



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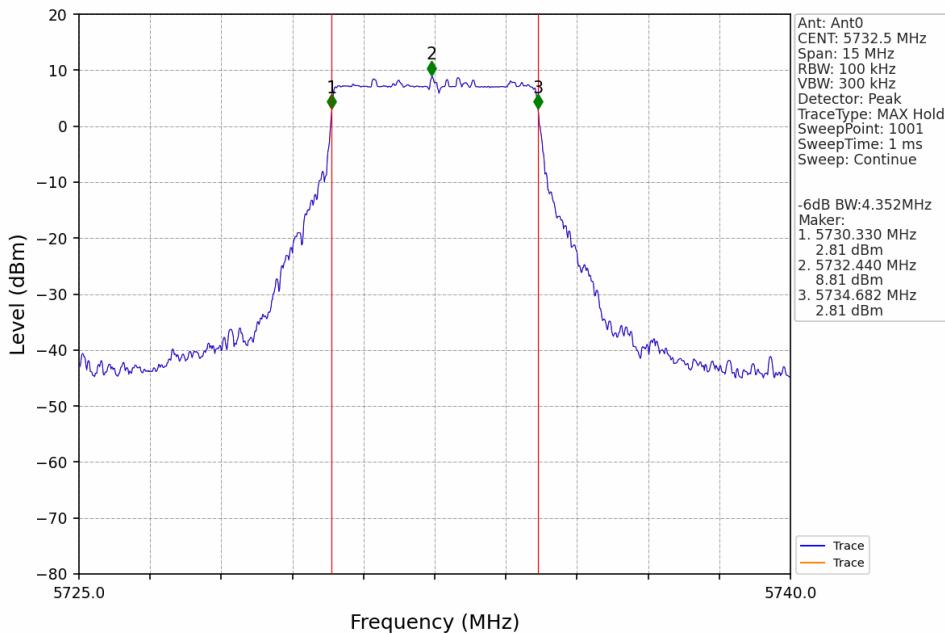
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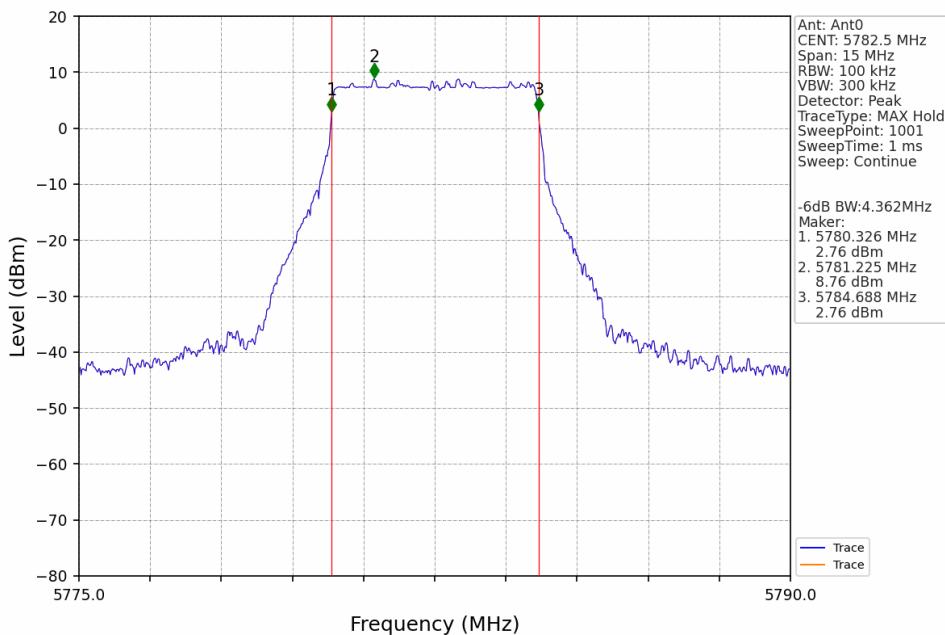
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### 5M\_LCH\_5732.5MHz\_Ant0\_NTNV



### 5M\_MCH\_5782.5MHz\_Ant0\_NTNV



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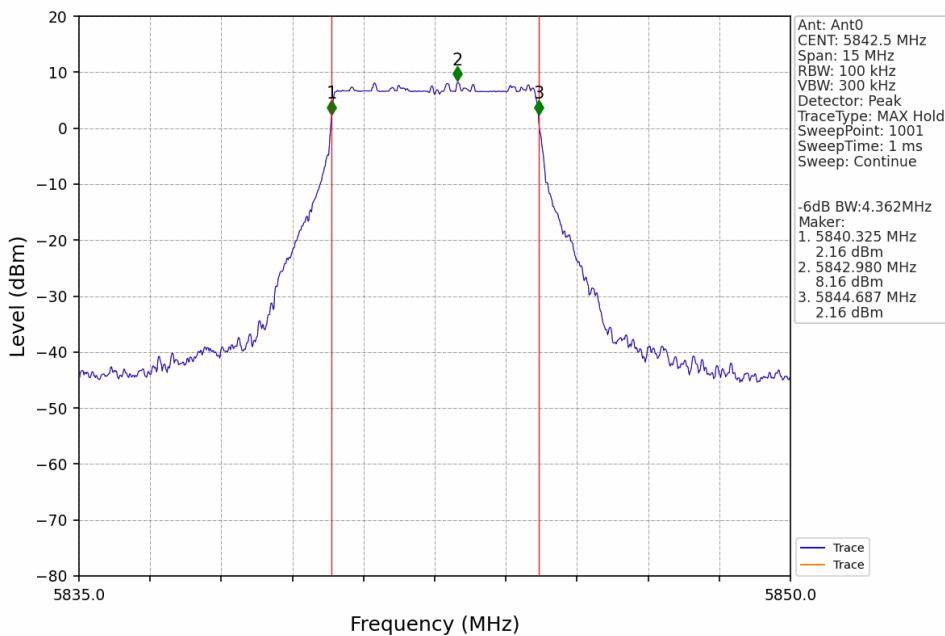
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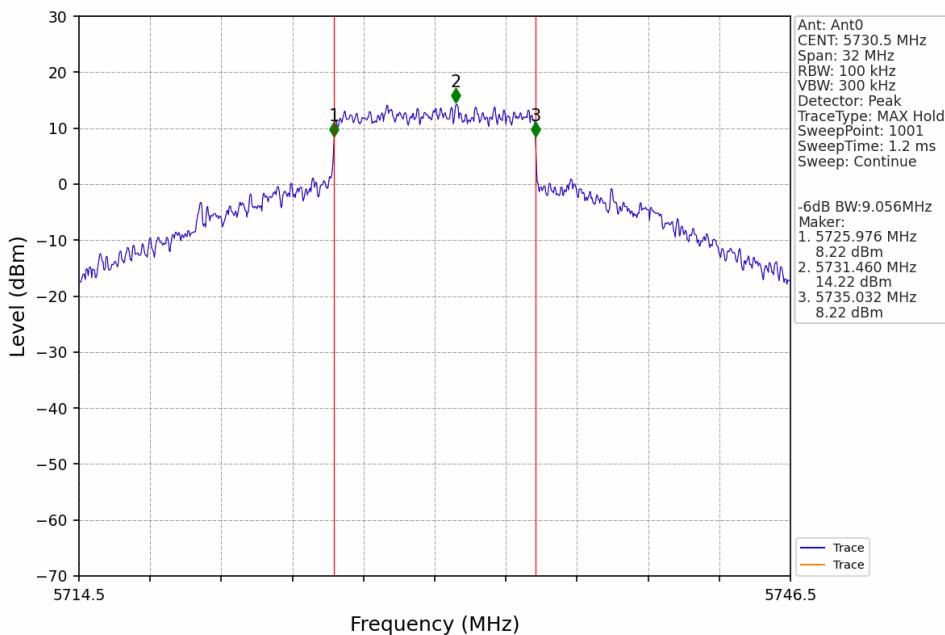
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### 5M\_HCH\_5842.5MHz\_Ant0\_NTNV



### 10M\_LCH\_5730.5MHz\_Ant0\_NTNV



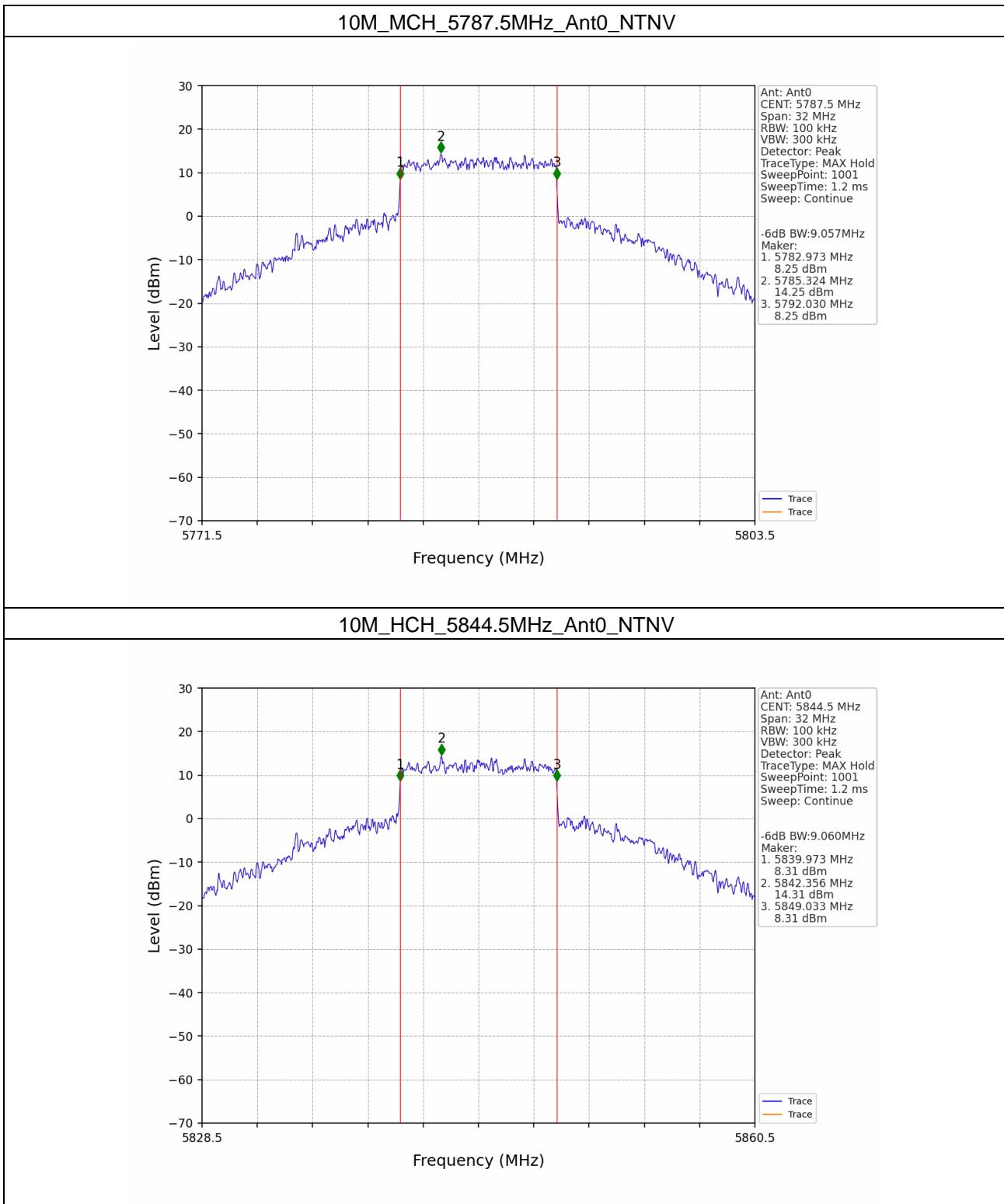
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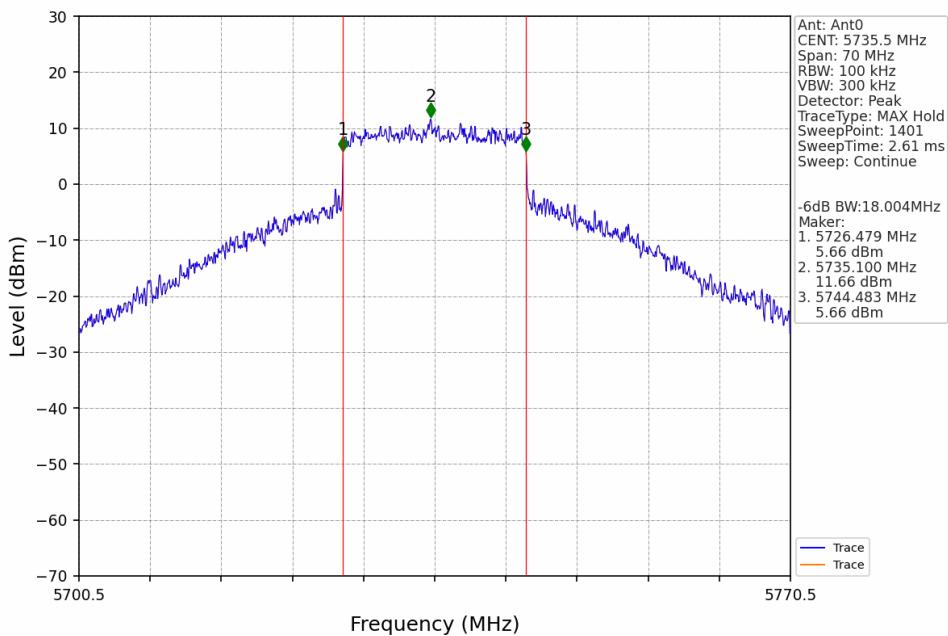


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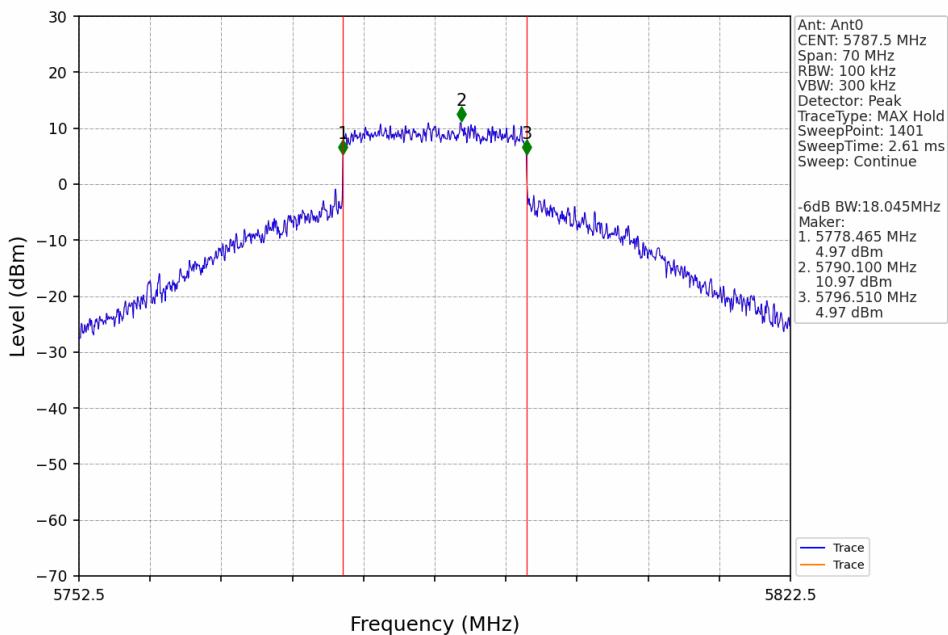
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### 20M\_LCH\_5735.5MHz\_Ant0\_NTNV



### 20M\_MCH\_5787.5MHz\_Ant0\_NTNV



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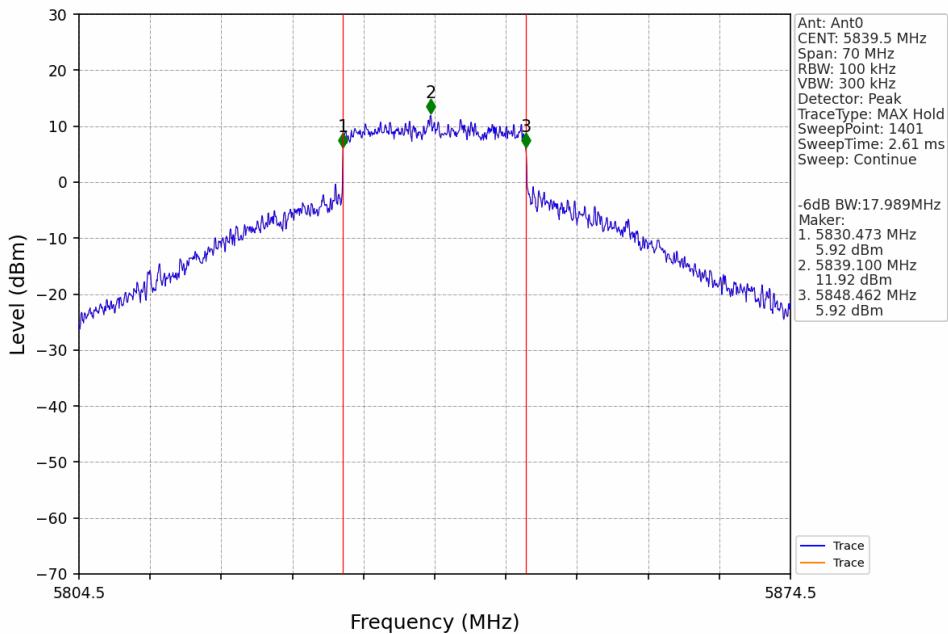
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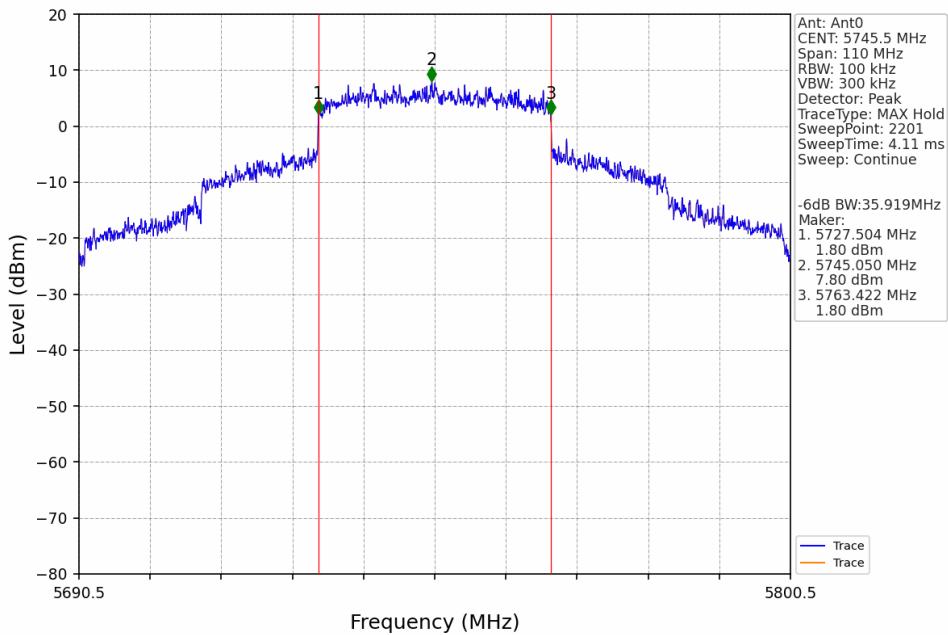
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### 20M\_HCH\_5839.5MHz\_Ant0\_NTNV



### 40M\_LCH\_5745.5MHz\_Ant0\_NTNV



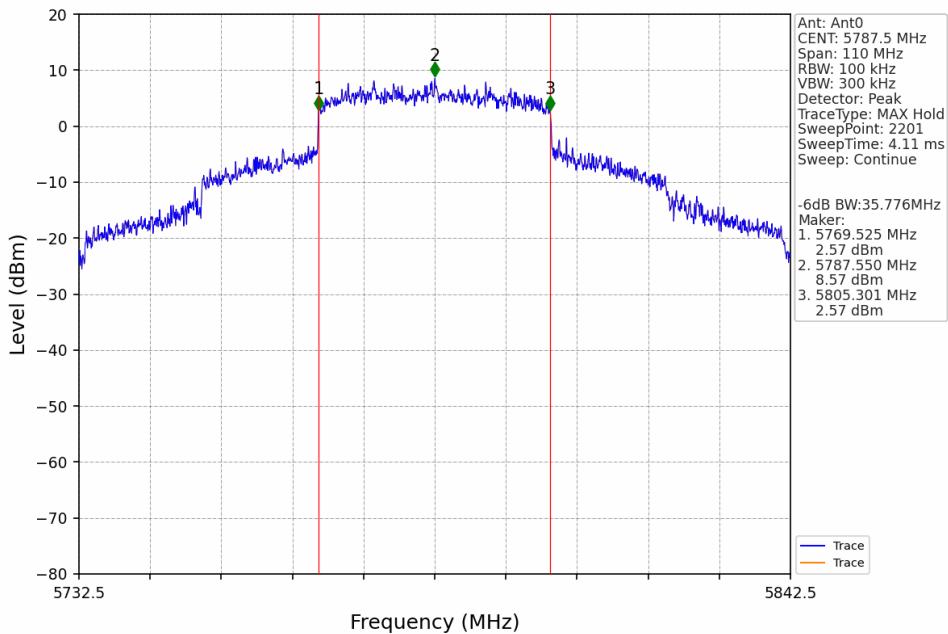
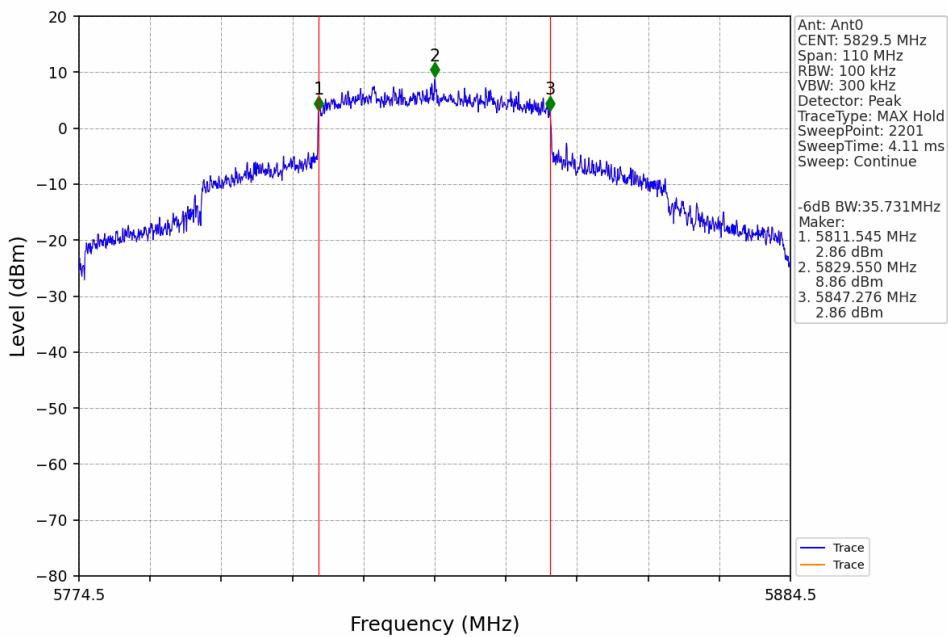
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**40M\_MCH\_5787.5MHz\_Ant0\_NTNV****40M\_HCH\_5829.5MHz\_Ant0\_NTNV**

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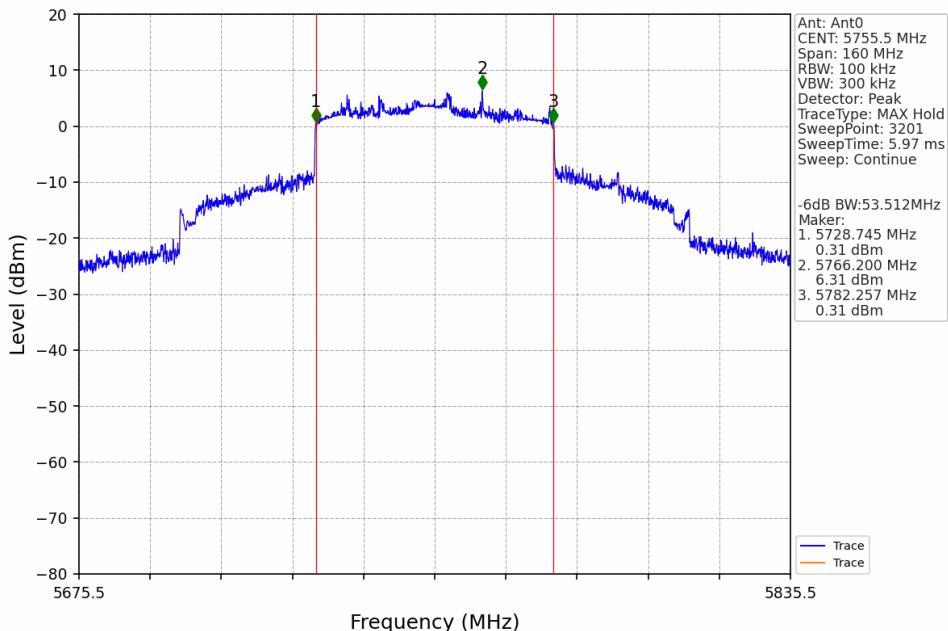
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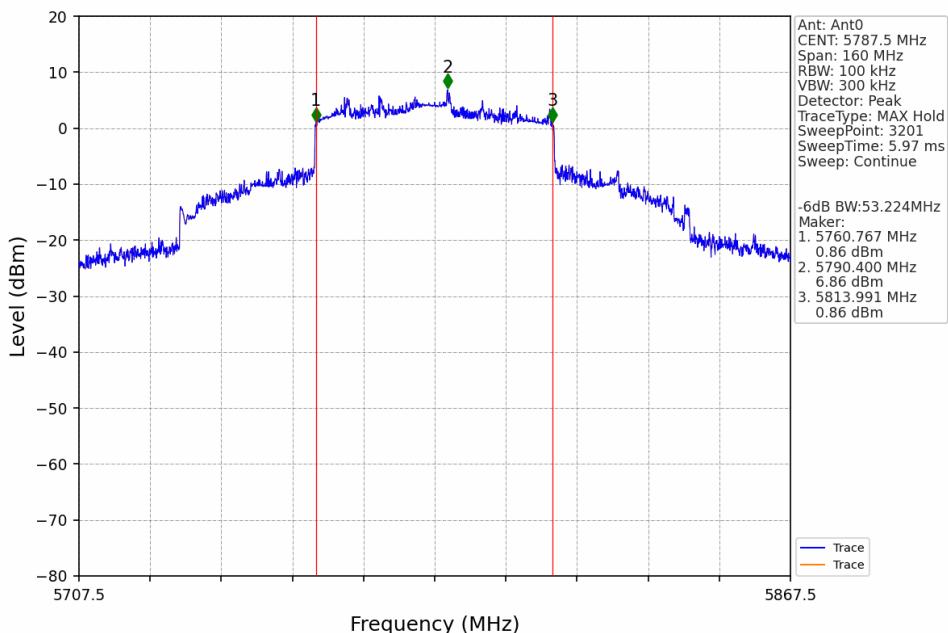
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### 60M\_MCH\_5787.5MHz\_Ant0\_NTNV



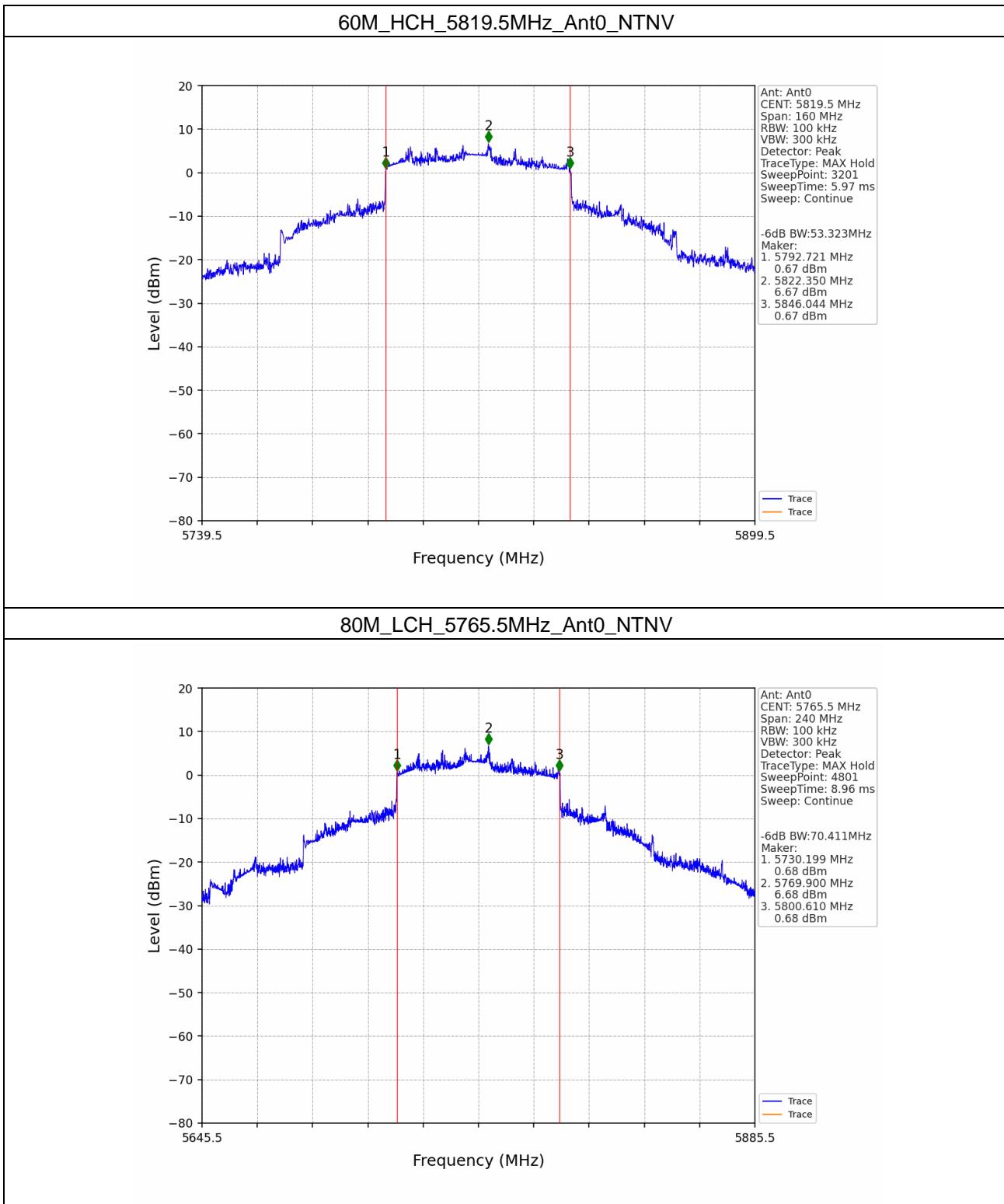
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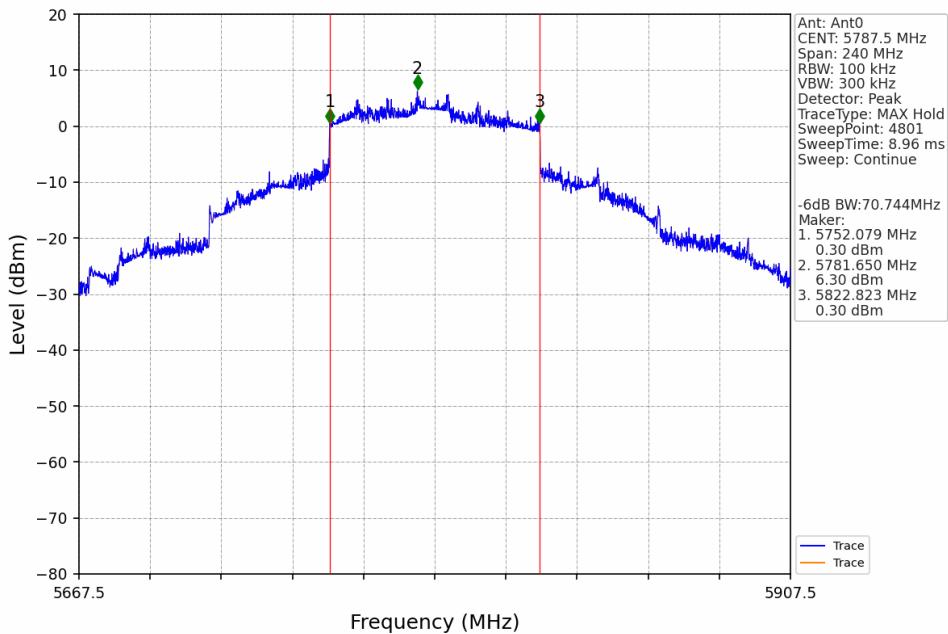
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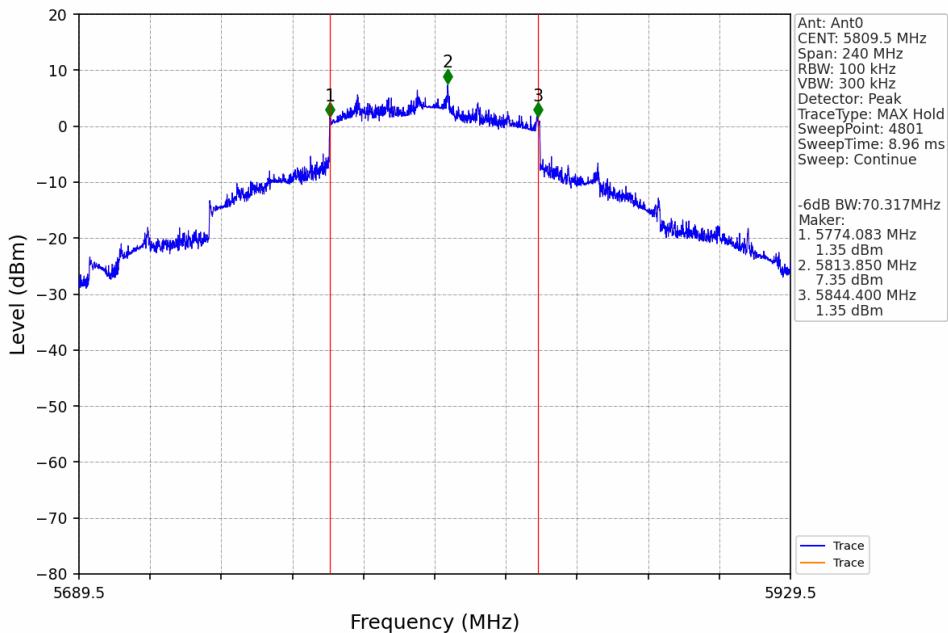
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### 80M\_MCH\_5787.5MHz\_Ant0\_NTNV



### 80M\_HCH\_5809.5MHz\_Ant0\_NTNV



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### 3. Maximum Conducted Output Power

#### 3.1 Test Result

##### 3.1.1 Power

Mode	TX Type	Frequency (MHz)	Maximum Average Conducted Output Power (dBm)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4M	MIMO	5728.5	16.60	16.10	19.37	<=30	Pass
		5786.5	17.38	17.06	20.23	<=30	Pass
		5846.12	17.15	16.77	19.97	<=30	Pass
3M	MIMO	5727.5	17.27	16.19	19.77	<=30	Pass
		5784.5	17.46	17.02	20.26	<=30	Pass
		5847.2	17.28	16.16	19.77	<=30	Pass
5M	MIMO	5732.5	14.93	14.28	17.63	<=30	Pass
		5782.5	15.04	14.93	18.00	<=30	Pass
		5842.5	14.35	14.24	17.31	<=30	Pass
10M	MIMO	5730.5	23.00	23.35	26.19	<=30	Pass
		5787.5	23.15	23.50	26.34	<=30	Pass
		5844.5	22.96	23.39	26.19	<=30	Pass
20M	MIMO	5735.5	23.07	23.39	26.24	<=30	Pass
		5787.5	23.16	23.50	26.34	<=30	Pass
		5839.5	22.81	23.10	25.97	<=30	Pass
40M	MIMO	5745.5	22.04	22.30	25.18	<=30	Pass
		5787.5	22.33	22.59	25.47	<=30	Pass
		5829.5	21.95	22.28	25.13	<=30	Pass
60M	MIMO	5755.5	21.71	22.06	24.90	<=30	Pass
		5787.5	22.28	22.50	25.40	<=30	Pass
		5819.5	22.37	22.67	25.53	<=30	Pass
80M	MIMO	5765.5	22.42	22.61	25.53	<=30	Pass
		5787.5	22.45	22.60	25.54	<=30	Pass
		5809.5	22.95	21.88	25.46	<=30	Pass

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## 4. Maximum Power Spectral Density

### 4.1 Test Result

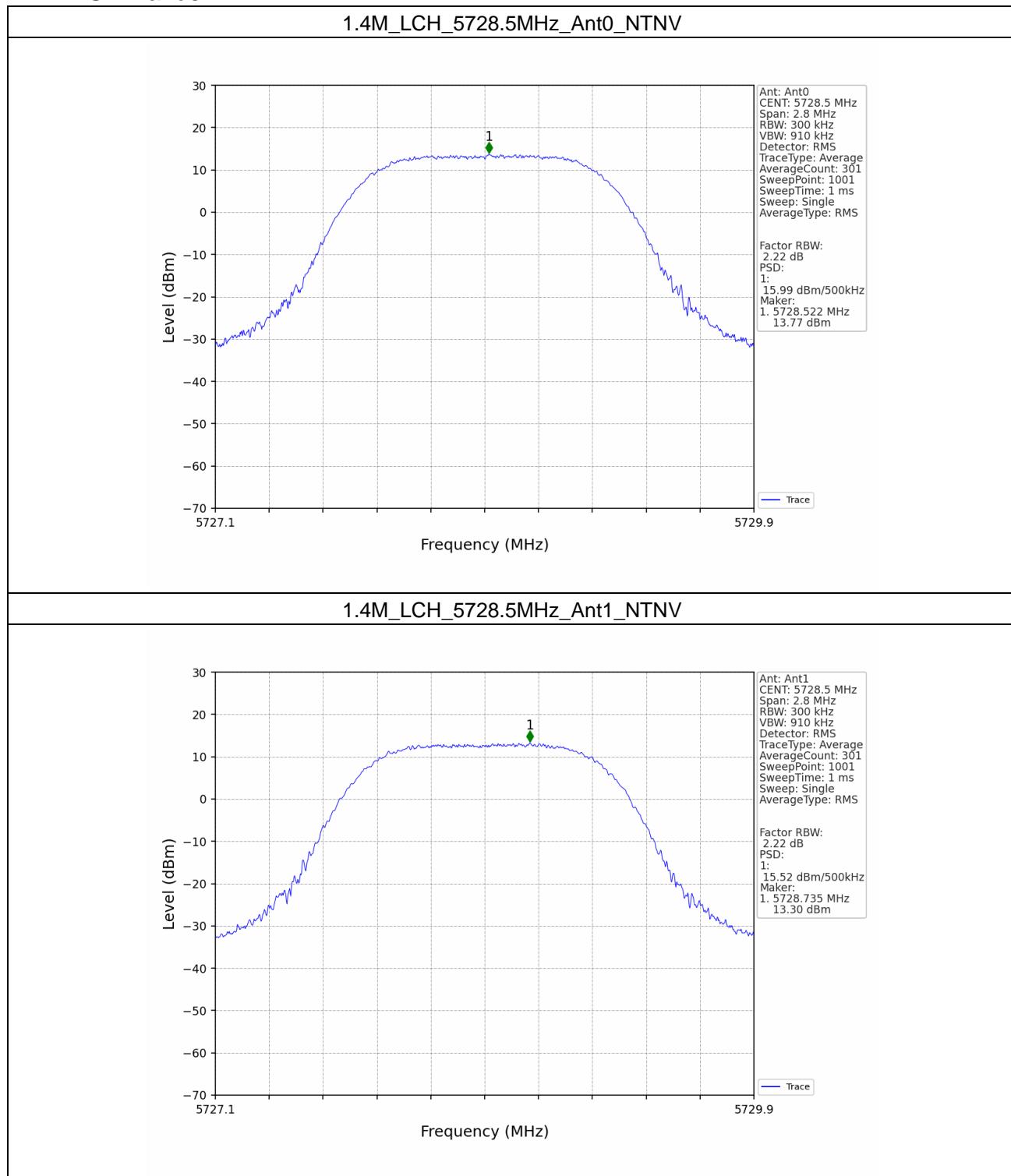
#### 4.1.1 PSD-Band3

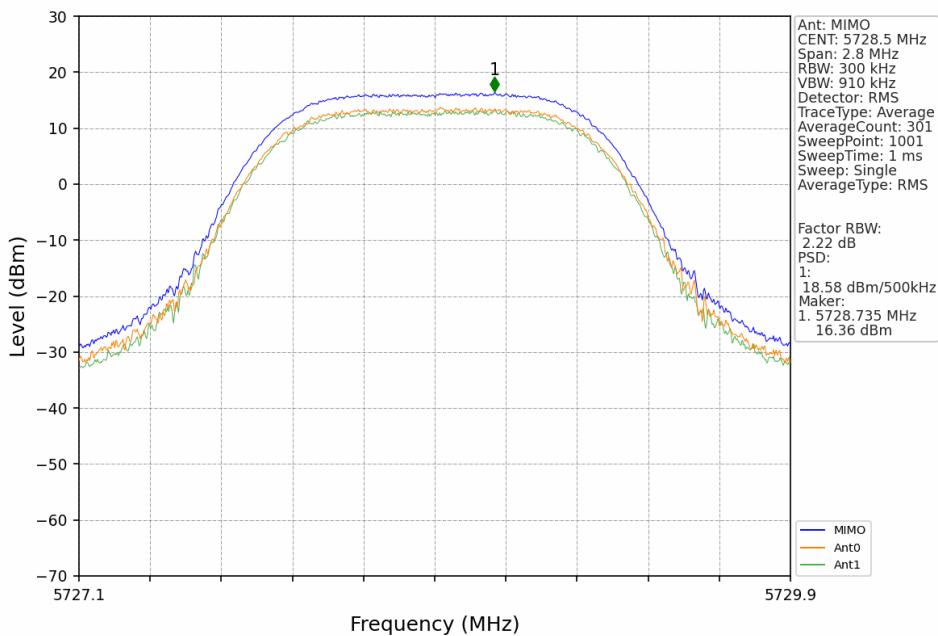
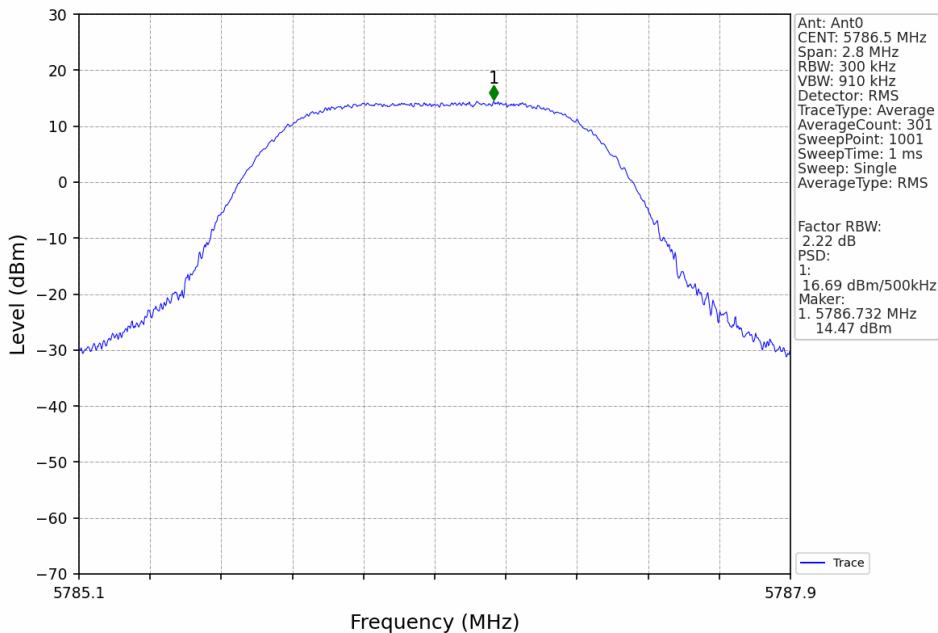
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
1.4M	MIMO	5728.5	15.99	15.52	18.58	<=30	Pass
		5786.5	16.69	16.34	19.41	<=30	Pass
		5846.12	16.35	16.22	19.07	<=30	Pass
3M	MIMO	5727.5	13.00	11.52	15.22	<=30	Pass
		5784.5	13.41	12.41	15.73	<=30	Pass
		5847.2	13.66	11.49	15.60	<=30	Pass
5M	MIMO	5732.5	7.61	6.66	9.64	<=30	Pass
		5782.5	7.09	7.17	9.92	<=30	Pass
		5842.5	6.60	6.52	9.33	<=30	Pass
10M	MIMO	5730.5	11.39	11.72	14.46	<=30	Pass
		5787.5	11.63	11.92	14.72	<=30	Pass
		5844.5	11.41	11.86	14.63	<=30	Pass
20M	MIMO	5735.5	8.60	8.91	11.62	<=30	Pass
		5787.5	8.62	9.34	11.73	<=30	Pass
		5839.5	8.60	8.54	11.26	<=30	Pass
40M	MIMO	5745.5	4.89	5.17	7.85	<=30	Pass
		5787.5	5.47	5.54	8.46	<=30	Pass
		5829.5	5.21	5.37	8.23	<=30	Pass
60M	MIMO	5755.5	4.17	3.80	6.62	<=30	Pass
		5787.5	5.33	4.21	7.50	<=30	Pass
		5819.5	5.07	4.44	7.72	<=30	Pass
80M	MIMO	5765.5	4.71	3.22	6.51	<=30	Pass
		5787.5	4.61	3.19	6.92	<=30	Pass
		5809.5	3.74	2.31	5.76	<=30	Pass

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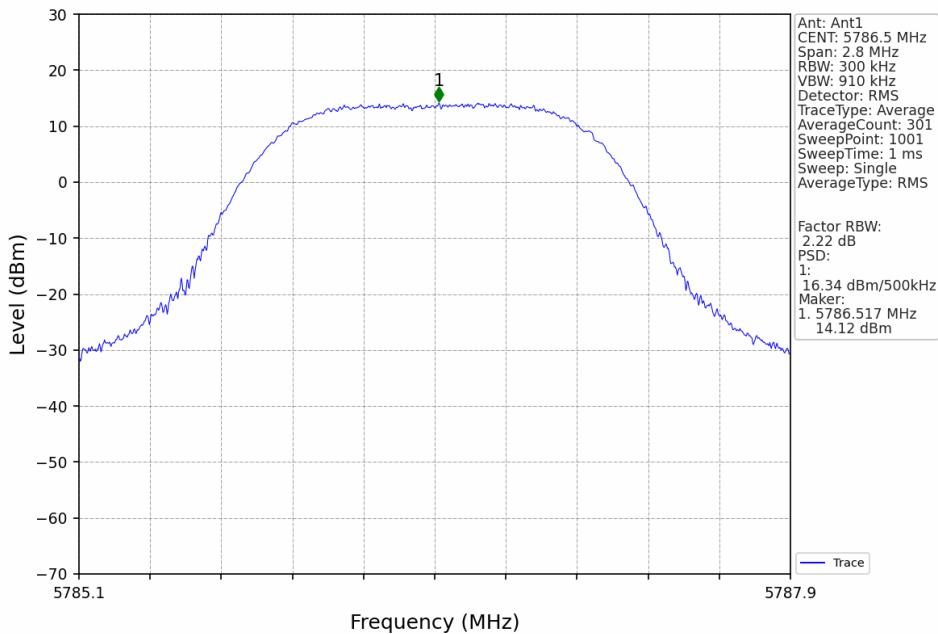
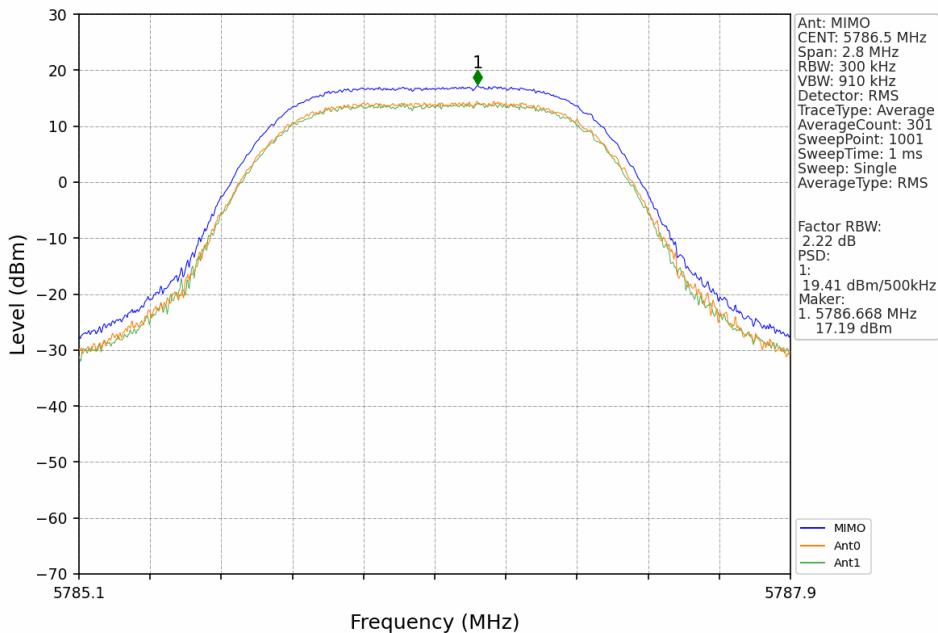


**4.2 Test Graph****4.2.1 PSD-Band3**

**1.4M\_LCH\_5728.5MHz\_MIMO\_NTNV****1.4M\_MCH\_5786.5MHz\_Ant0\_NTNV**

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**1.4M\_MCH\_5786.5MHz\_Ant1\_NTNV****1.4M\_MCH\_5786.5MHz\_MIMO\_NTNV**

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