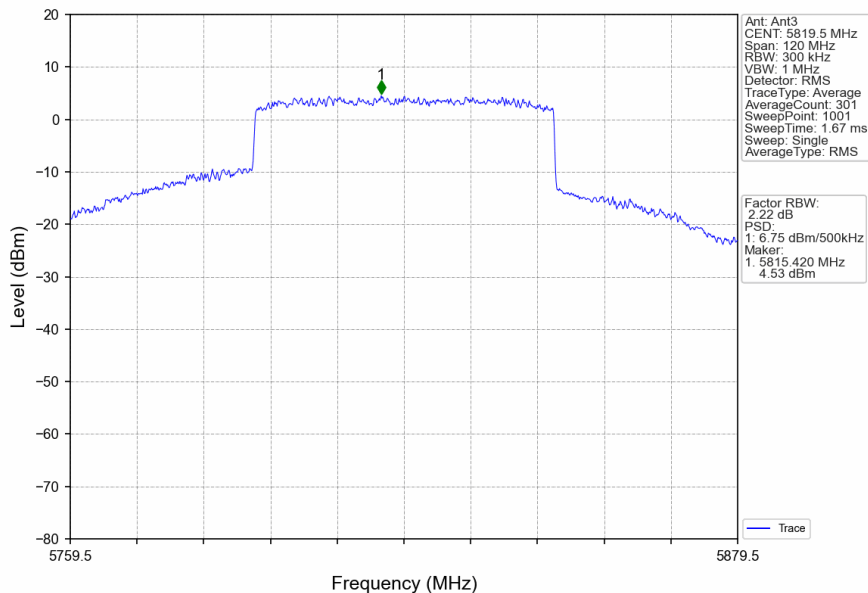
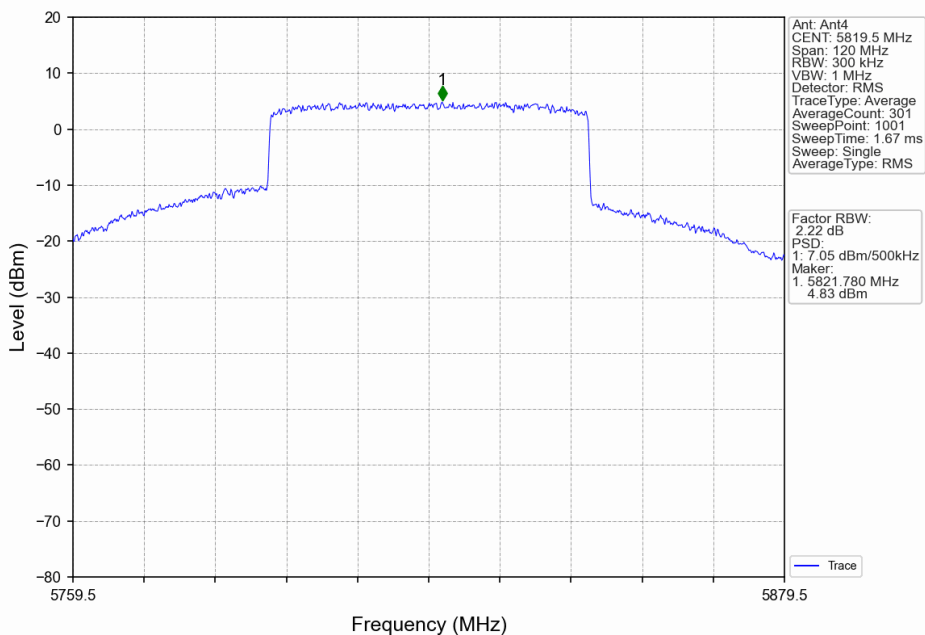


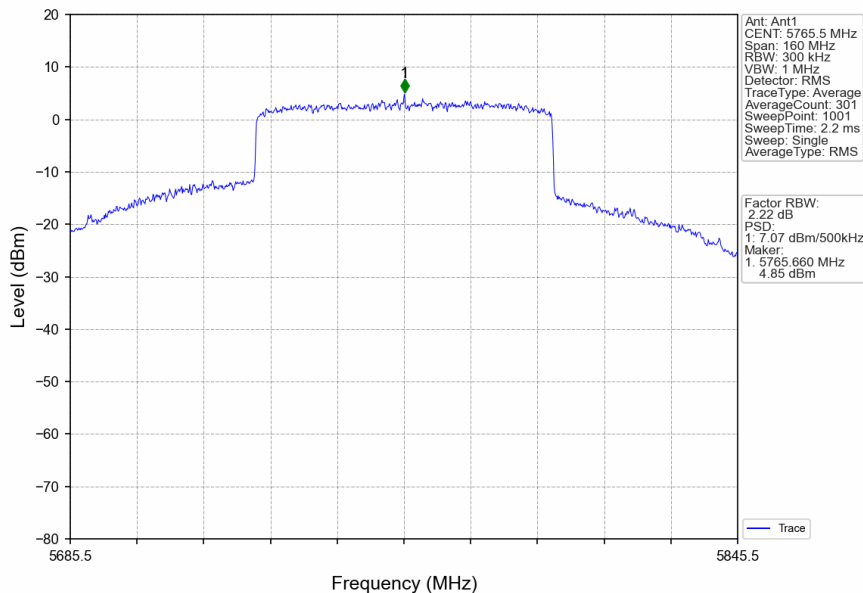
60M_HCH_5819.5MHz_Ant3_NTNV



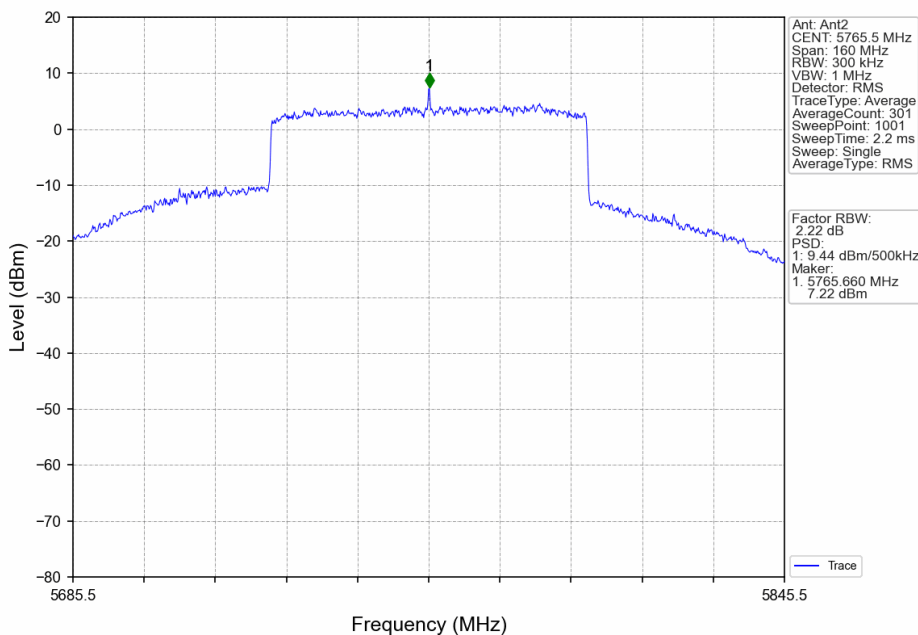
60M_HCH_5819.5MHz_Ant4_NTNV



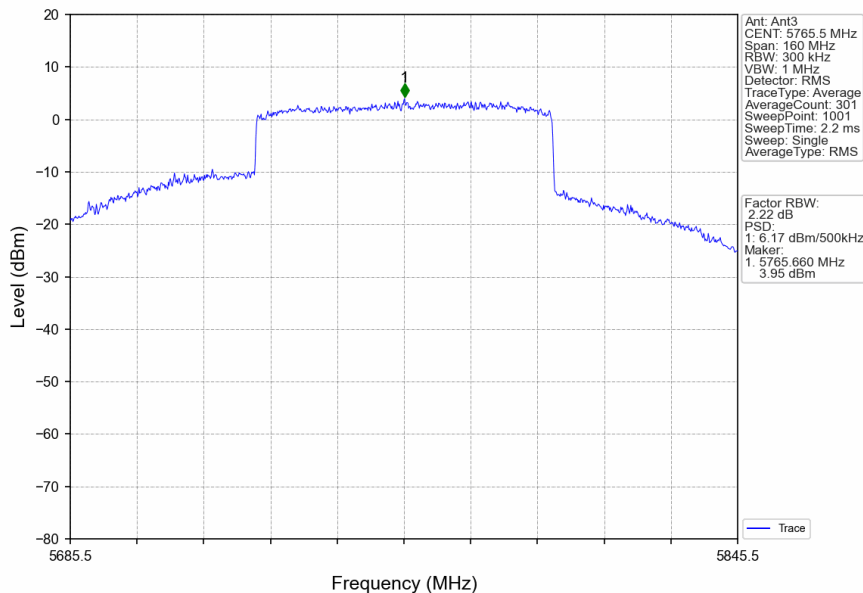
80M_LCH_5765.5MHz_Ant1_NTNV



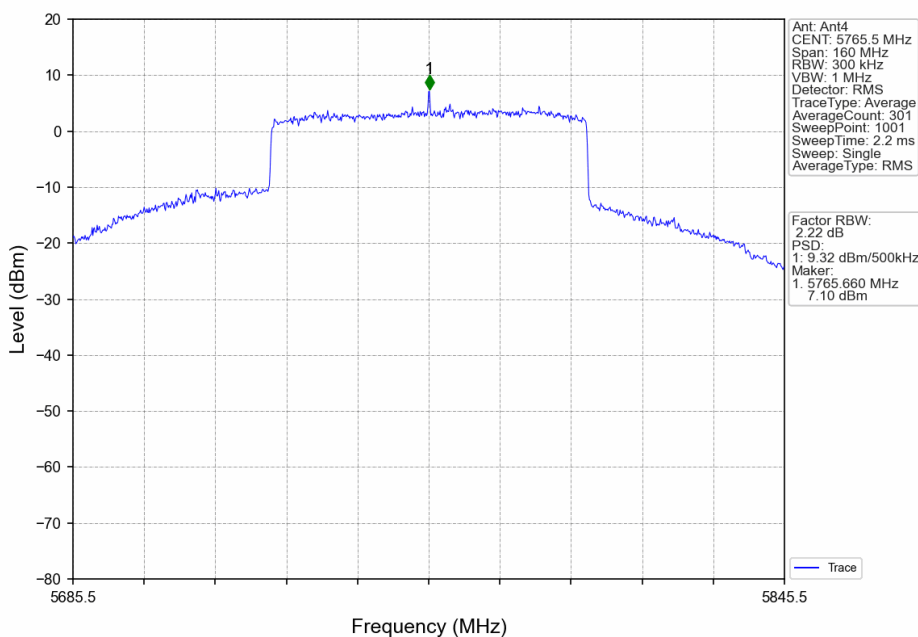
80M_LCH_5765.5MHz_Ant2_NTNV



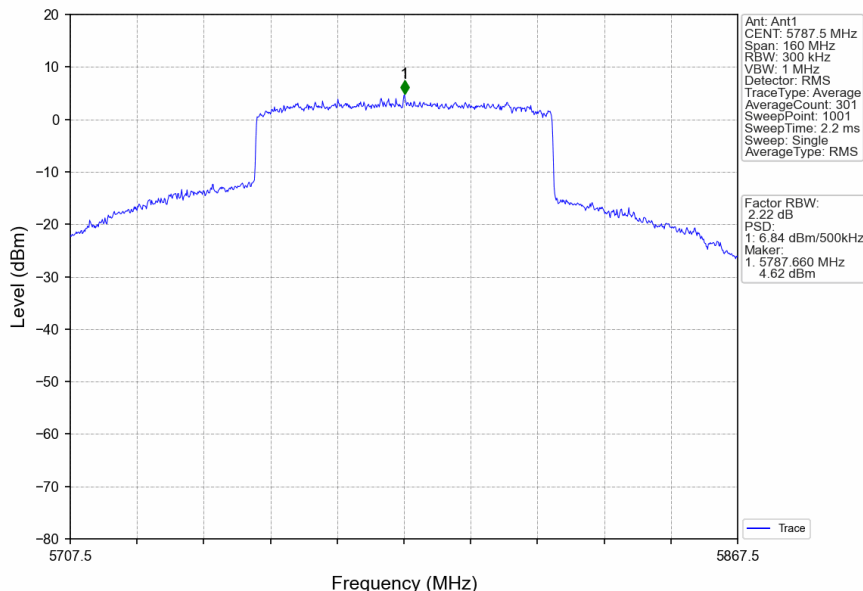
80M_LCH_5765.5MHz_Ant3_NTNV



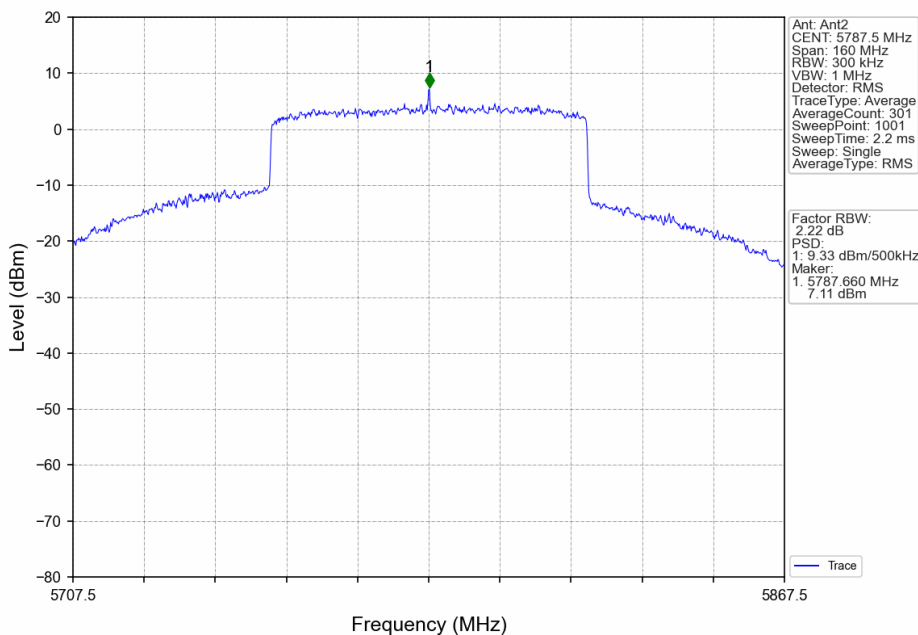
80M_LCH_5765.5MHz_Ant4_NTNV



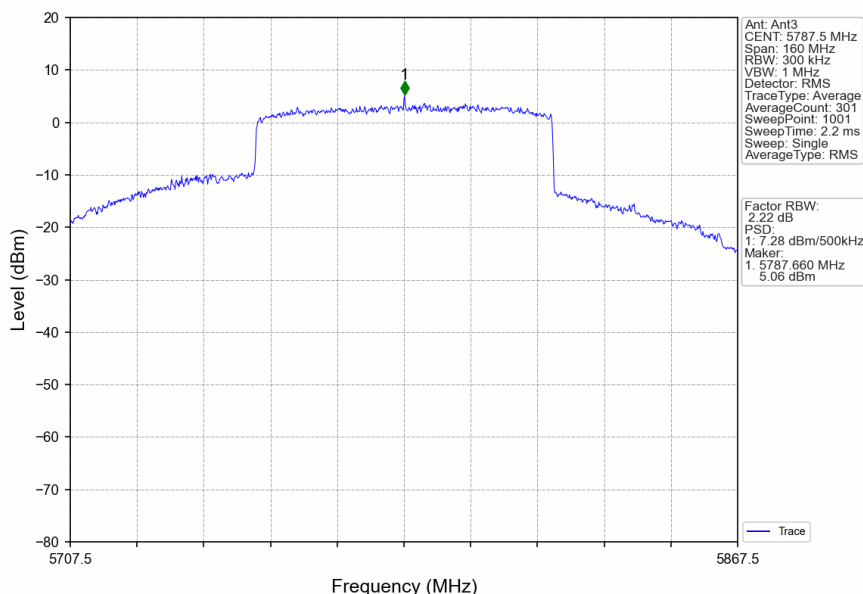
80M_MCH_5787.5MHz_Ant1_NTNV



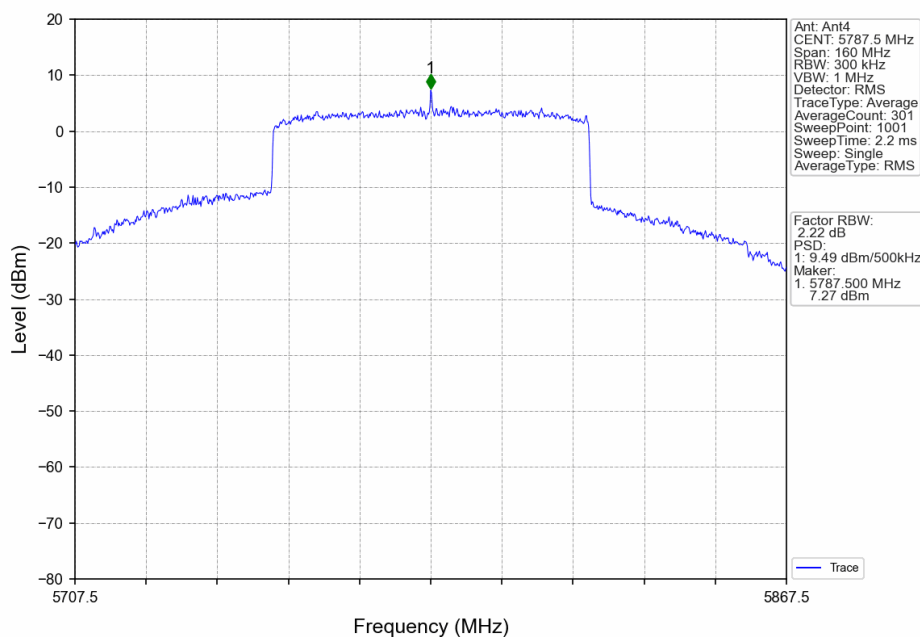
80M_MCH_5787.5MHz_Ant2_NTNV



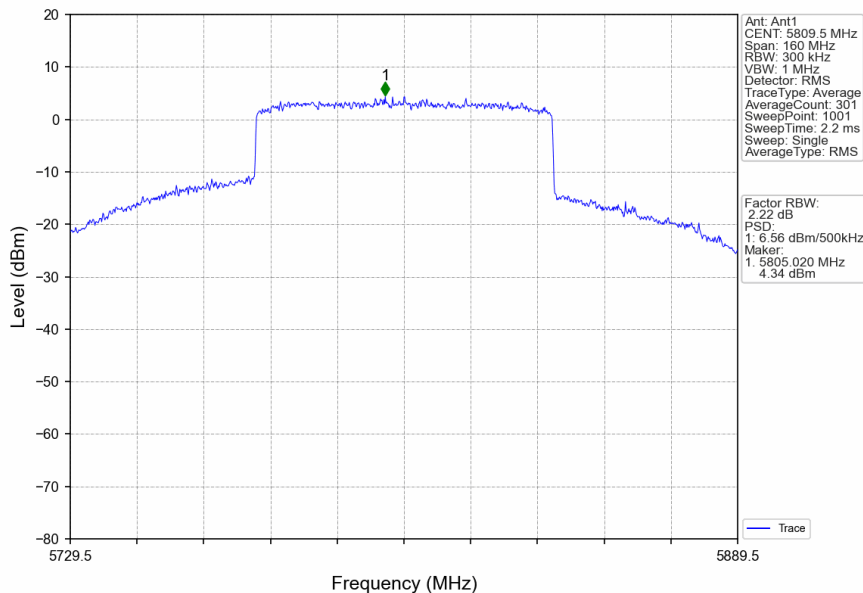
80M_MCH_5787.5MHz_Ant3_NTNV



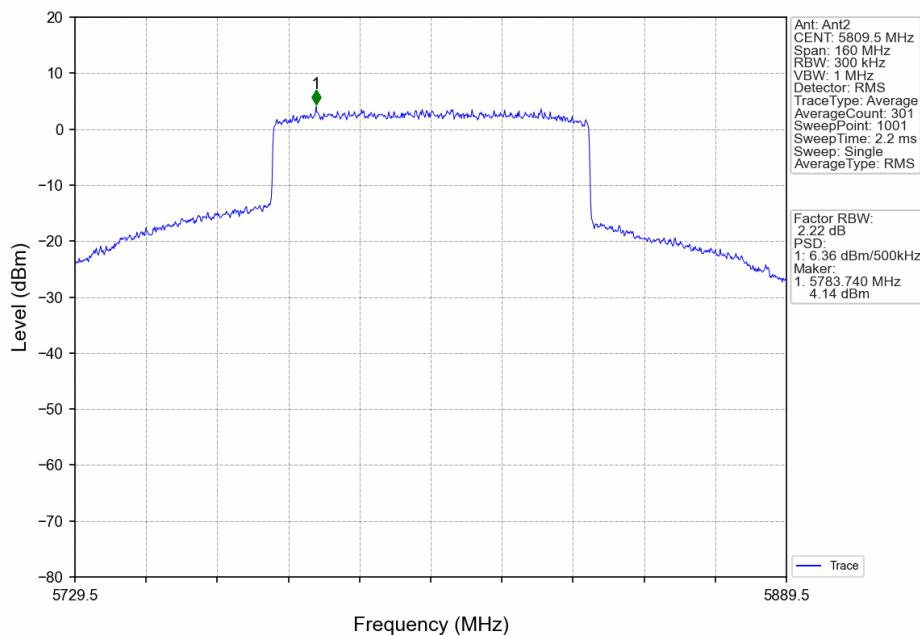
80M_MCH_5787.5MHz_Ant4_NTNV



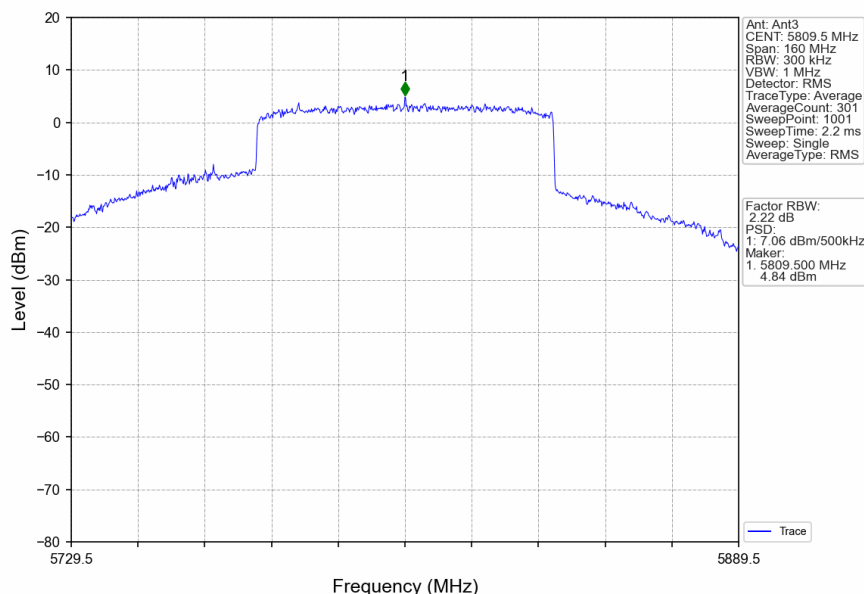
80M_HCH_5809.5MHz_Ant1_NTNV



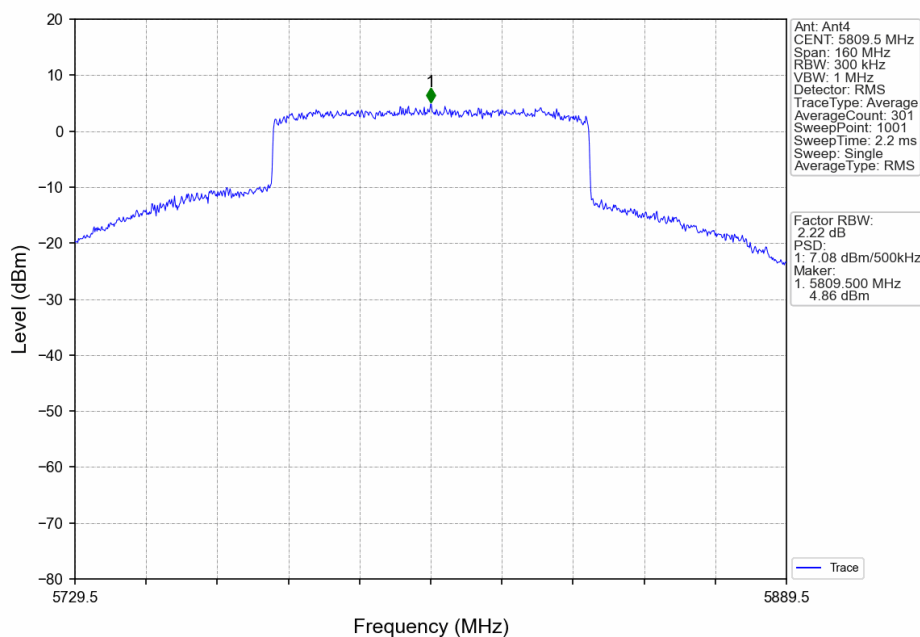
80M_HCH_5809.5MHz_Ant2_NTNV



80M_HCH_5809.5MHz_Ant3_NTNV



80M_HCH_5809.5MHz_Ant4_NTNV



5. Frequency Stability

5.1 Ant0

5.1.1 Test Result

Ant0							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VAC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
1.4M	SISO	5728.5	20	3.06	5728.472	5725 to 5850	Pass
				3.60	5728.472	5725 to 5850	Pass
				4.14	5728.469	5725 to 5850	Pass
			-10	3.60	5728.470	5725 to 5850	Pass
			-5	3.60	5728.468	5725 to 5850	Pass
			0	3.60	5728.474	5725 to 5850	Pass
			5	3.60	5728.472	5725 to 5850	Pass
			10	3.60	5728.469	5725 to 5850	Pass
			20	3.60	5728.470	5725 to 5850	Pass
			30	3.60	5728.471	5725 to 5850	Pass
			40	3.60	5728.468	5725 to 5850	Pass
		5786.5	20	3.06	5786.539	5725 to 5850	Pass
				3.60	5786.541	5725 to 5850	Pass
				4.14	5786.542	5725 to 5850	Pass
			-10	3.60	5786.541	5725 to 5850	Pass
			-5	3.60	5786.539	5725 to 5850	Pass
			0	3.60	5786.543	5725 to 5850	Pass
			5	3.60	5786.544	5725 to 5850	Pass
			10	3.60	5786.544	5725 to 5850	Pass
			20	3.60	5786.542	5725 to 5850	Pass
			30	3.60	5786.538	5725 to 5850	Pass
			40	3.60	5786.538	5725 to 5850	Pass
		5846.12	20	3.06	5846.175	5725 to 5850	Pass
				3.60	5846.177	5725 to 5850	Pass
				4.14	5846.179	5725 to 5850	Pass
			-10	3.60	5846.179	5725 to 5850	Pass
			-5	3.60	5846.179	5725 to 5850	Pass
			0	3.60	5846.179	5725 to 5850	Pass
			5	3.60	5846.179	5725 to 5850	Pass



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			10	3.60	5846.177	5725 to 5850	Pass
			20	3.60	5846.178	5725 to 5850	Pass
			30	3.60	5846.179	5725 to 5850	Pass
			40	3.60	5846.177	5725 to 5850	Pass
3M	SISO	5727.5	20	3.06	5727.530	5725 to 5850	Pass
				3.60	5727.539	5725 to 5850	Pass
				4.14	5727.542	5725 to 5850	Pass
			-10	3.60	5727.509	5725 to 5850	Pass
			-5	3.60	5727.551	5725 to 5850	Pass
			0	3.60	5727.542	5725 to 5850	Pass
			5	3.60	5727.542	5725 to 5850	Pass
			10	3.60	5727.548	5725 to 5850	Pass
			20	3.60	5727.542	5725 to 5850	Pass
			30	3.60	5727.548	5725 to 5850	Pass
			40	3.60	5727.542	5725 to 5850	Pass
		5784.5	20	3.06	5784.542	5725 to 5850	Pass
				3.60	5784.518	5725 to 5850	Pass
				4.14	5784.545	5725 to 5850	Pass
			-10	3.60	5784.521	5725 to 5850	Pass
			-5	3.60	5784.509	5725 to 5850	Pass
			0	3.60	5784.518	5725 to 5850	Pass
			5	3.60	5784.542	5725 to 5850	Pass
			10	3.60	5784.542	5725 to 5850	Pass
			20	3.60	5784.533	5725 to 5850	Pass
			30	3.60	5784.542	5725 to 5850	Pass
			40	3.60	5784.536	5725 to 5850	Pass
		5847.2	20	3.06	5847.245	5725 to 5850	Pass
				3.60	5847.221	5725 to 5850	Pass
				4.14	5847.227	5725 to 5850	Pass
			-10	3.60	5847.221	5725 to 5850	Pass
			-5	3.60	5847.242	5725 to 5850	Pass
			0	3.60	5847.218	5725 to 5850	Pass
			5	3.60	5847.239	5725 to 5850	Pass
			10	3.60	5847.227	5725 to 5850	Pass
			20	3.60	5847.239	5725 to 5850	Pass
			30	3.60	5847.248	5725 to 5850	Pass
			40	3.60	5847.236	5725 to 5850	Pass
5M	SISO	5732.5	20	3.06	5732.490	5725 to 5850	Pass
				3.60	5732.520	5725 to 5850	Pass



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				4.14	5732.500	5725 to 5850	Pass
			-10	3.60	5732.495	5725 to 5850	Pass
			-5	3.60	5732.505	5725 to 5850	Pass
			0	3.60	5732.505	5725 to 5850	Pass
			5	3.60	5732.490	5725 to 5850	Pass
			10	3.60	5732.490	5725 to 5850	Pass
			20	3.60	5732.485	5725 to 5850	Pass
			30	3.60	5732.510	5725 to 5850	Pass
			40	3.60	5732.500	5725 to 5850	Pass
		5782.5	20	3.06	5782.510	5725 to 5850	Pass
				3.60	5782.495	5725 to 5850	Pass
				4.14	5782.505	5725 to 5850	Pass
			-10	3.60	5782.500	5725 to 5850	Pass
			-5	3.60	5782.515	5725 to 5850	Pass
			0	3.60	5782.495	5725 to 5850	Pass
			5	3.60	5782.505	5725 to 5850	Pass
			10	3.60	5782.505	5725 to 5850	Pass
			20	3.60	5782.500	5725 to 5850	Pass
			30	3.60	5782.505	5725 to 5850	Pass
			40	3.60	5782.505	5725 to 5850	Pass
		5842.5	20	3.06	5842.510	5725 to 5850	Pass
				3.60	5842.515	5725 to 5850	Pass
				4.14	5842.485	5725 to 5850	Pass
			-10	3.60	5842.490	5725 to 5850	Pass
			-5	3.60	5842.510	5725 to 5850	Pass
			0	3.60	5842.500	5725 to 5850	Pass
			5	3.60	5842.495	5725 to 5850	Pass
			10	3.60	5842.510	5725 to 5850	Pass
			20	3.60	5842.510	5725 to 5850	Pass
			30	3.60	5842.505	5725 to 5850	Pass
			40	3.60	5842.515	5725 to 5850	Pass
10M	SISO	5730.5	20	3.06	5730.660	5725 to 5850	Pass
				3.60	5730.660	5725 to 5850	Pass
				4.14	5730.680	5725 to 5850	Pass
			-10	3.60	5730.620	5725 to 5850	Pass
			-5	3.60	5730.660	5725 to 5850	Pass
			0	3.60	5730.590	5725 to 5850	Pass
			5	3.60	5730.720	5725 to 5850	Pass
			10	3.60	5730.660	5725 to 5850	Pass



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			20	3.60	5730.510	5725 to 5850	Pass
			30	3.60	5730.700	5725 to 5850	Pass
			40	3.60	5730.680	5725 to 5850	Pass
		5787.5	20	3.06	5787.680	5725 to 5850	Pass
				3.60	5787.670	5725 to 5850	Pass
				4.14	5787.680	5725 to 5850	Pass
			-10	3.60	5787.660	5725 to 5850	Pass
			-5	3.60	5787.690	5725 to 5850	Pass
			0	3.60	5787.610	5725 to 5850	Pass
			5	3.60	5787.670	5725 to 5850	Pass
			10	3.60	5787.600	5725 to 5850	Pass
			20	3.60	5787.580	5725 to 5850	Pass
			30	3.60	5787.650	5725 to 5850	Pass
			40	3.60	5787.680	5725 to 5850	Pass
		5844.5	20	3.06	5845.530	5725 to 5850	Pass
				3.60	5845.530	5725 to 5850	Pass
				4.14	5845.520	5725 to 5850	Pass
			-10	3.60	5845.520	5725 to 5850	Pass
			-5	3.60	5845.540	5725 to 5850	Pass
			0	3.60	5845.530	5725 to 5850	Pass
			5	3.60	5845.520	5725 to 5850	Pass
			10	3.60	5845.530	5725 to 5850	Pass
			20	3.60	5845.520	5725 to 5850	Pass
			30	3.60	5845.520	5725 to 5850	Pass
			40	3.60	5845.530	5725 to 5850	Pass
20M	SISO	5735.5	20	3.06	5735.540	5725 to 5850	Pass
				3.60	5735.540	5725 to 5850	Pass
				4.14	5735.540	5725 to 5850	Pass
			-10	3.60	5735.540	5725 to 5850	Pass
			-5	3.60	5735.560	5725 to 5850	Pass
			0	3.60	5735.540	5725 to 5850	Pass
			5	3.60	5735.560	5725 to 5850	Pass
			10	3.60	5735.520	5725 to 5850	Pass
			20	3.60	5735.560	5725 to 5850	Pass
			30	3.60	5735.560	5725 to 5850	Pass
			40	3.60	5735.560	5725 to 5850	Pass
		5787.5	20	3.06	5787.560	5725 to 5850	Pass
				3.60	5787.540	5725 to 5850	Pass
				4.14	5787.560	5725 to 5850	Pass



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			-10	3.60	5787.540	5725 to 5850	Pass
			-5	3.60	5787.540	5725 to 5850	Pass
			0	3.60	5787.520	5725 to 5850	Pass
			5	3.60	5787.540	5725 to 5850	Pass
			10	3.60	5787.540	5725 to 5850	Pass
			20	3.60	5787.520	5725 to 5850	Pass
			30	3.60	5787.560	5725 to 5850	Pass
			40	3.60	5787.540	5725 to 5850	Pass
		5839.5	20	3.06	5839.560	5725 to 5850	Pass
				3.60	5839.540	5725 to 5850	Pass
				4.14	5839.540	5725 to 5850	Pass
			-10	3.60	5839.540	5725 to 5850	Pass
			-5	3.60	5839.560	5725 to 5850	Pass
			0	3.60	5839.540	5725 to 5850	Pass
			5	3.60	5839.540	5725 to 5850	Pass
			10	3.60	5839.540	5725 to 5850	Pass
			20	3.60	5839.580	5725 to 5850	Pass
			30	3.60	5839.540	5725 to 5850	Pass
			40	3.60	5839.540	5725 to 5850	Pass
40M	SISO	5745.5	20	3.06	5745.620	5725 to 5850	Pass
				3.60	5745.620	5725 to 5850	Pass
				4.14	5745.620	5725 to 5850	Pass
			-10	3.60	5745.580	5725 to 5850	Pass
			-5	3.60	5745.580	5725 to 5850	Pass
			0	3.60	5745.620	5725 to 5850	Pass
			5	3.60	5745.580	5725 to 5850	Pass
			10	3.60	5745.620	5725 to 5850	Pass
			20	3.60	5745.580	5725 to 5850	Pass
			30	3.60	5745.620	5725 to 5850	Pass
			40	3.60	5745.620	5725 to 5850	Pass
		5787.5	20	3.06	5787.580	5725 to 5850	Pass
				3.60	5787.580	5725 to 5850	Pass
				4.14	5787.580	5725 to 5850	Pass
			-10	3.60	5787.580	5725 to 5850	Pass
			-5	3.60	5787.620	5725 to 5850	Pass
			0	3.60	5787.580	5725 to 5850	Pass
			5	3.60	5787.580	5725 to 5850	Pass
			10	3.60	5787.580	5725 to 5850	Pass
			20	3.60	5787.620	5725 to 5850	Pass
			20	3.60	5787.620	5725 to 5850	Pass



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		5829.5	30	3.60	5787.580	5725 to 5850	Pass
			40	3.60	5787.580	5725 to 5850	Pass
			20	3.06	5829.620	5725 to 5850	Pass
				3.60	5829.580	5725 to 5850	Pass
				4.14	5829.540	5725 to 5850	Pass
			-10	3.60	5829.620	5725 to 5850	Pass
			-5	3.60	5829.620	5725 to 5850	Pass
			0	3.60	5829.580	5725 to 5850	Pass
			5	3.60	5829.580	5725 to 5850	Pass
			10	3.60	5829.620	5725 to 5850	Pass
			20	3.60	5829.620	5725 to 5850	Pass
			30	3.60	5829.620	5725 to 5850	Pass
			40	3.60	5829.620	5725 to 5850	Pass
			20	3.06	5755.620	5725 to 5850	Pass
				3.60	5755.620	5725 to 5850	Pass
				4.14	5755.560	5725 to 5850	Pass
60M	SISO	5755.5	-10	3.60	5755.620	5725 to 5850	Pass
			-5	3.60	5755.620	5725 to 5850	Pass
			0	3.60	5755.620	5725 to 5850	Pass
			5	3.60	5755.680	5725 to 5850	Pass
			10	3.60	5755.560	5725 to 5850	Pass
			20	3.60	5755.620	5725 to 5850	Pass
			30	3.60	5755.620	5725 to 5850	Pass
			40	3.60	5755.560	5725 to 5850	Pass
		5787.5	20	3.06	5787.560	5725 to 5850	Pass
				3.60	5787.620	5725 to 5850	Pass
				4.14	5787.620	5725 to 5850	Pass
			-10	3.60	5787.620	5725 to 5850	Pass
			-5	3.60	5787.560	5725 to 5850	Pass
			0	3.60	5787.620	5725 to 5850	Pass
			5	3.60	5787.560	5725 to 5850	Pass
			10	3.60	5787.560	5725 to 5850	Pass
			20	3.60	5787.620	5725 to 5850	Pass
			30	3.60	5787.560	5725 to 5850	Pass
			40	3.60	5787.560	5725 to 5850	Pass
		5819.5	20	3.06	5819.560	5725 to 5850	Pass
				3.60	5819.560	5725 to 5850	Pass
				4.14	5819.620	5725 to 5850	Pass
			-10	3.60	5819.620	5725 to 5850	Pass



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			-5	3.60	5819.560	5725 to 5850	Pass
			0	3.60	5819.620	5725 to 5850	Pass
			5	3.60	5819.620	5725 to 5850	Pass
			10	3.60	5819.620	5725 to 5850	Pass
			20	3.60	5819.560	5725 to 5850	Pass
			30	3.60	5819.620	5725 to 5850	Pass
			40	3.60	5819.560	5725 to 5850	Pass
80M	SISO	5765.5	20	3.06	5765.575	5725 to 5850	Pass
				3.60	5765.575	5725 to 5850	Pass
				4.14	5765.575	5725 to 5850	Pass
			-10	3.60	5765.650	5725 to 5850	Pass
			-5	3.60	5765.575	5725 to 5850	Pass
			0	3.60	5765.575	5725 to 5850	Pass
			5	3.60	5765.575	5725 to 5850	Pass
			10	3.60	5765.575	5725 to 5850	Pass
			20	3.60	5765.575	5725 to 5850	Pass
			30	3.60	5765.575	5725 to 5850	Pass
			40	3.60	5765.650	5725 to 5850	Pass
		5787.5	20	3.06	5787.575	5725 to 5850	Pass
				3.60	5787.650	5725 to 5850	Pass
				4.14	5787.575	5725 to 5850	Pass
			-10	3.60	5787.575	5725 to 5850	Pass
			-5	3.60	5787.575	5725 to 5850	Pass
			0	3.60	5787.500	5725 to 5850	Pass
			5	3.60	5787.575	5725 to 5850	Pass
			10	3.60	5787.575	5725 to 5850	Pass
			20	3.60	5787.575	5725 to 5850	Pass
			30	3.60	5787.575	5725 to 5850	Pass
			40	3.60	5787.575	5725 to 5850	Pass
		5809.5	20	3.06	5809.575	5725 to 5850	Pass
				3.60	5809.575	5725 to 5850	Pass
				4.14	5809.575	5725 to 5850	Pass
			-10	3.60	5809.575	5725 to 5850	Pass
			-5	3.60	5809.650	5725 to 5850	Pass
			0	3.60	5809.575	5725 to 5850	Pass
			5	3.60	5809.575	5725 to 5850	Pass
			10	3.60	5809.575	5725 to 5850	Pass
			20	3.60	5809.575	5725 to 5850	Pass
			30	3.60	5809.575	5725 to 5850	Pass



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			40	3.60	5809.650	5725 to 5850	Pass
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5.8G SDR MIMO Mode (ANT1 combined ANT2 is the worse-case, only the worse-case test data were reported)

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
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

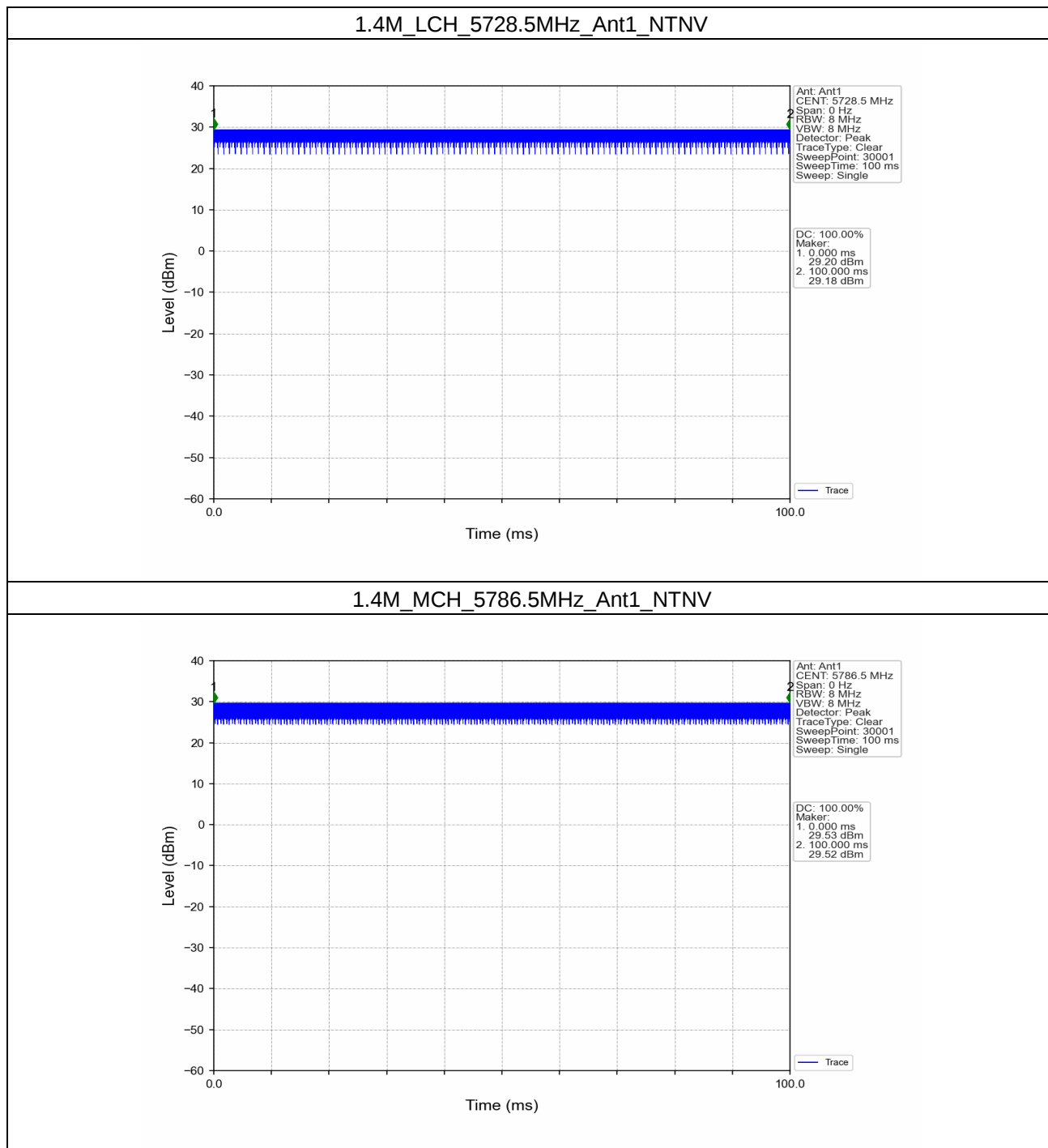


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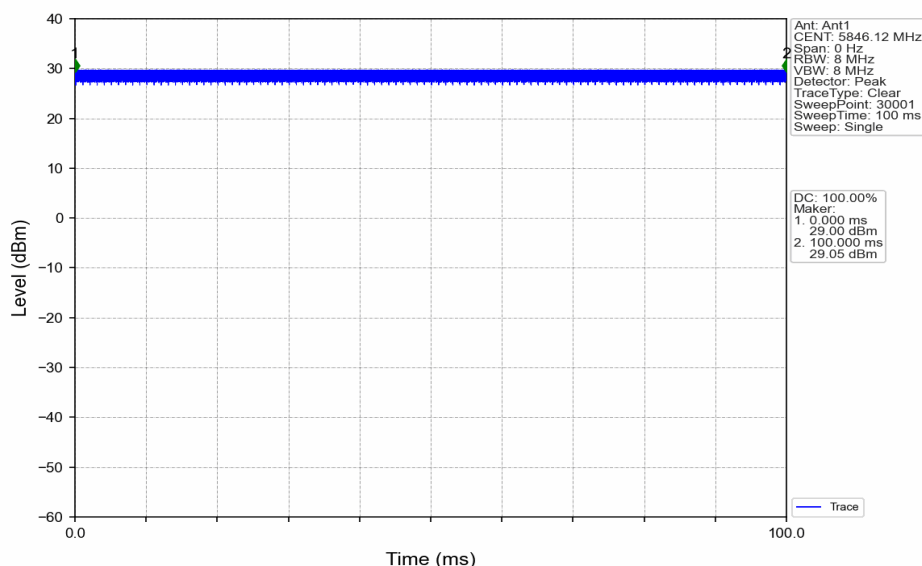
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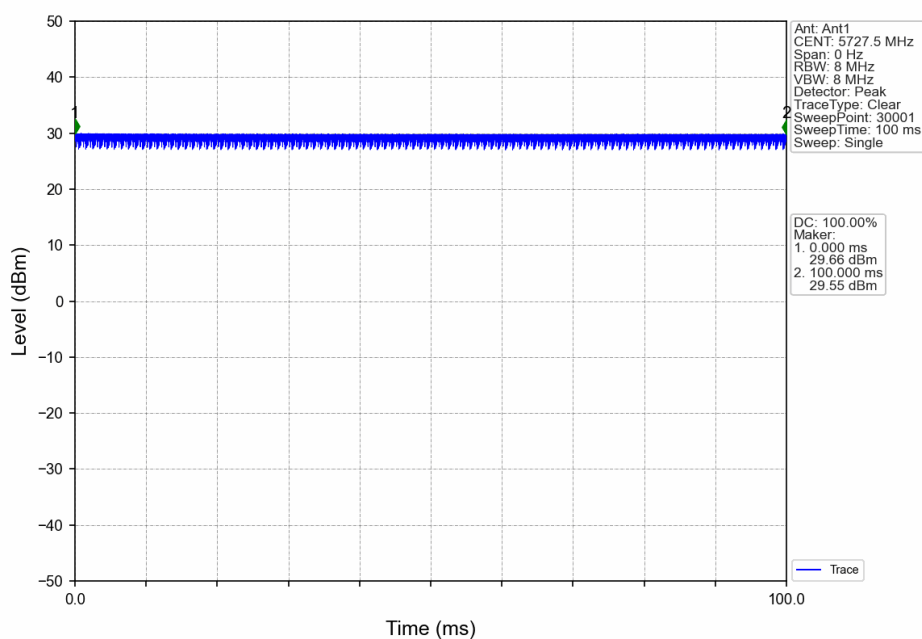
1.1.2 Test Graph



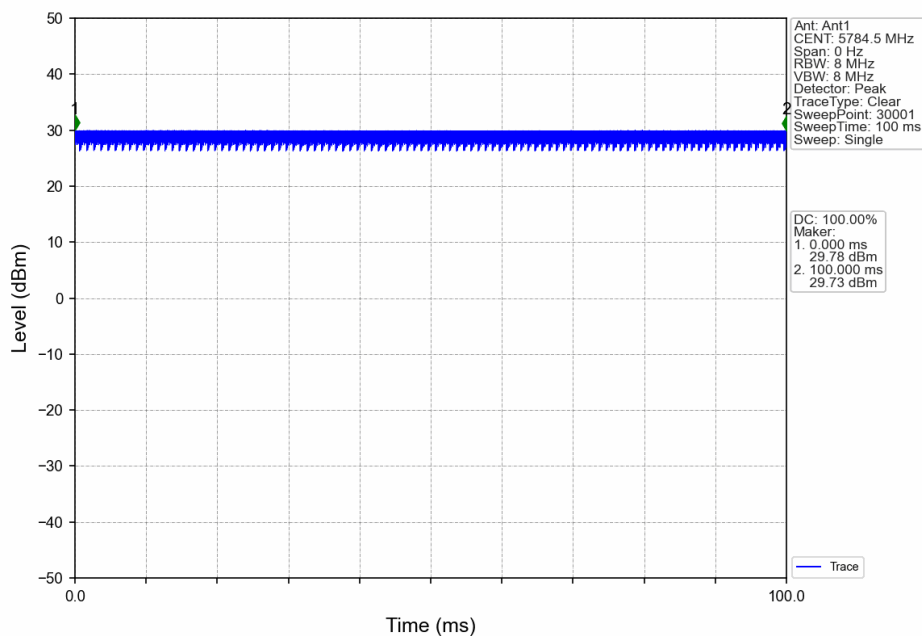
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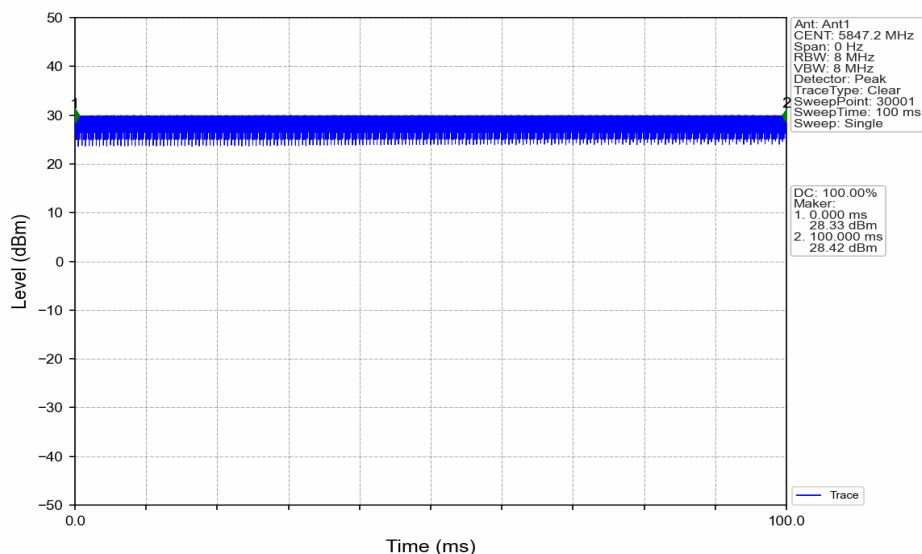
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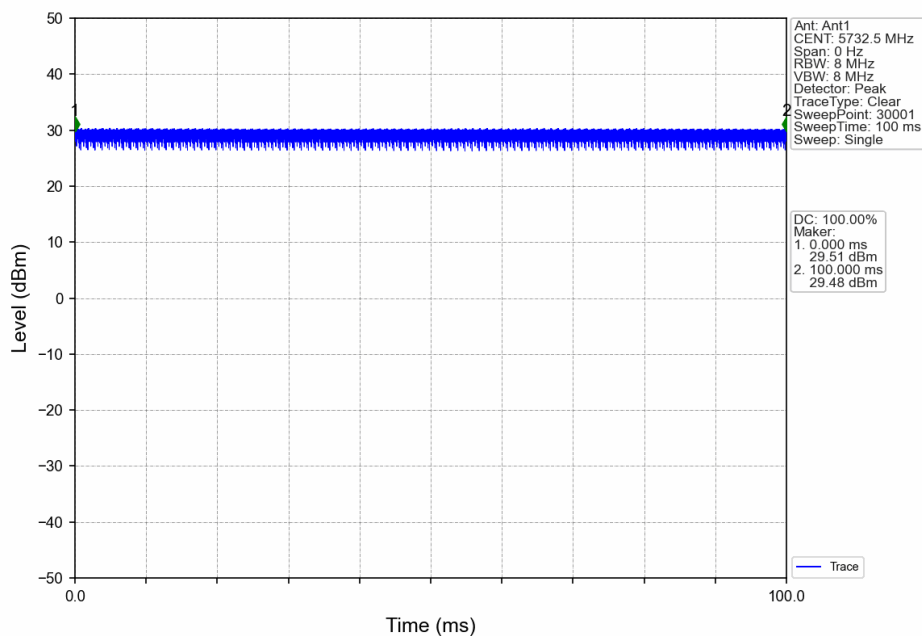
3M_MCH_5784.5MHz_Ant1_NTNV



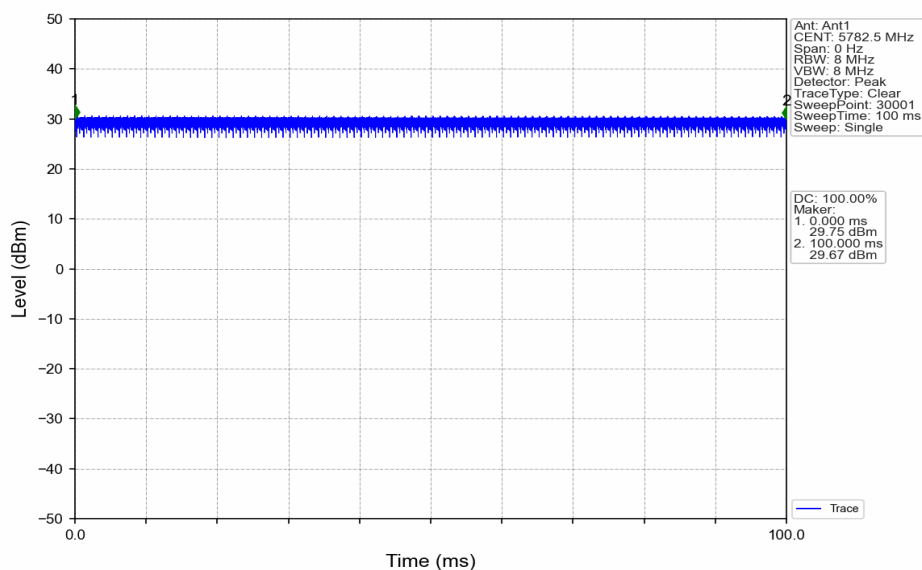
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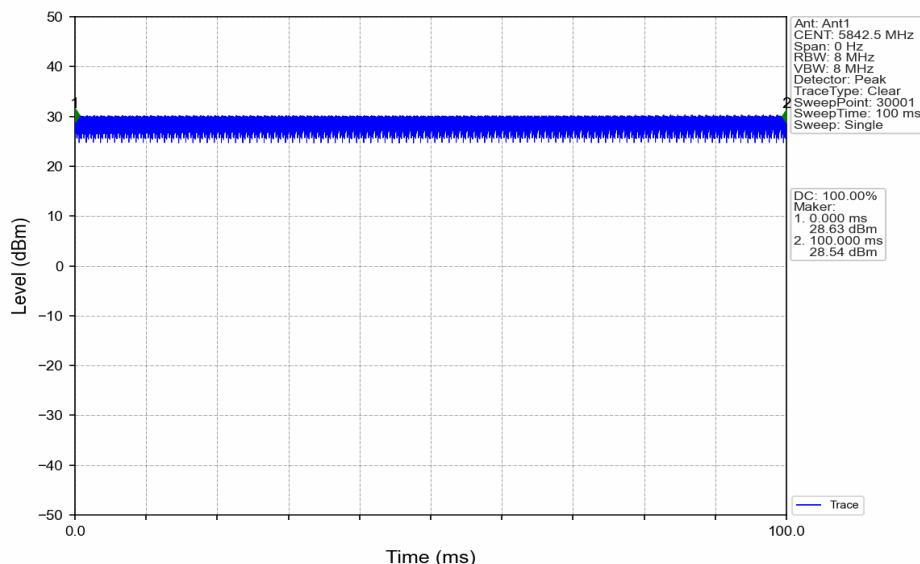
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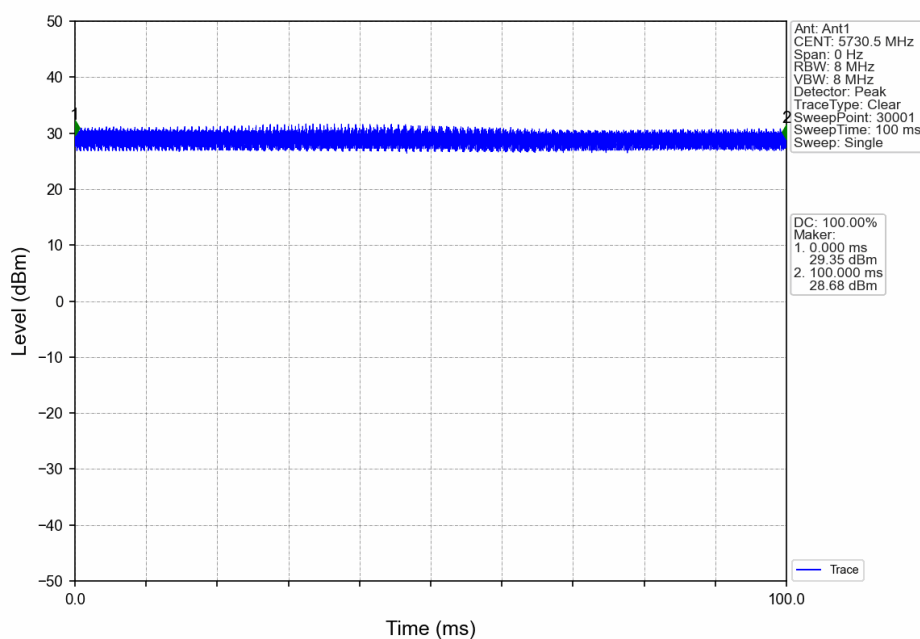
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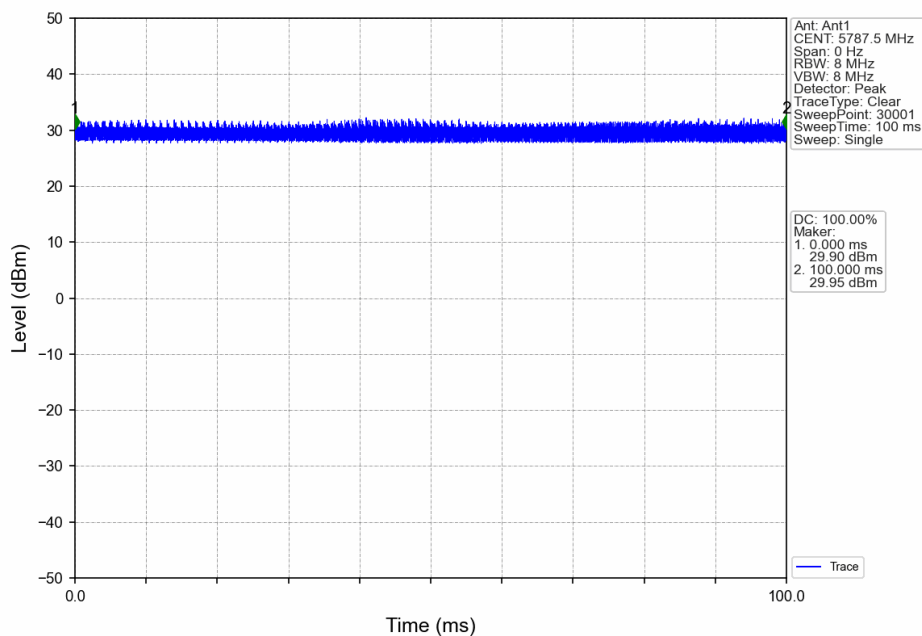
5M_HCH_5842.5MHz_Ant1_NTNV



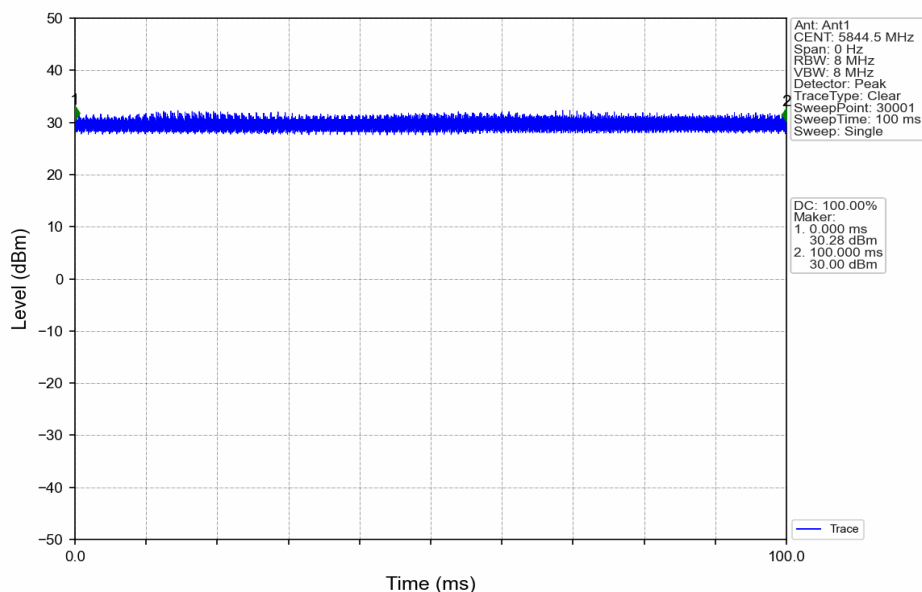
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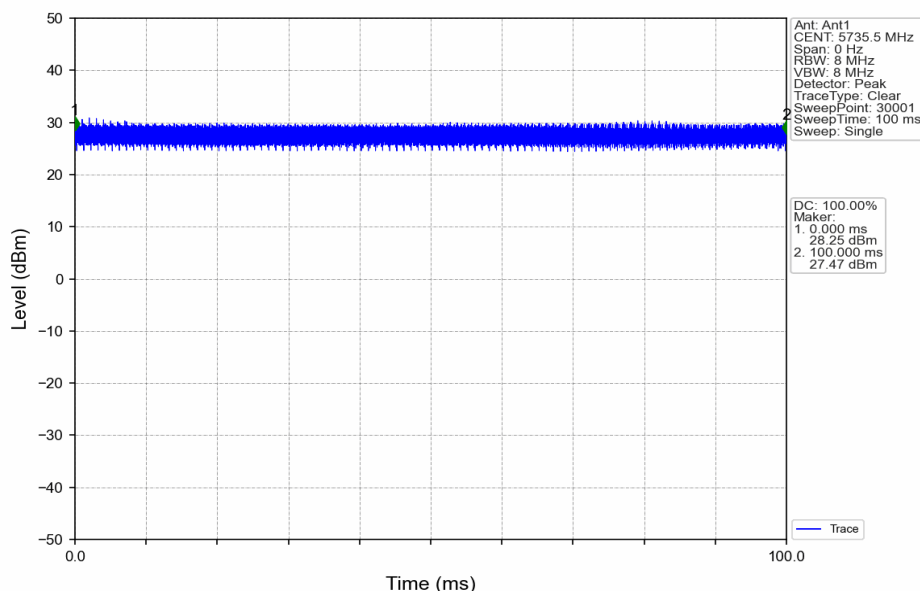
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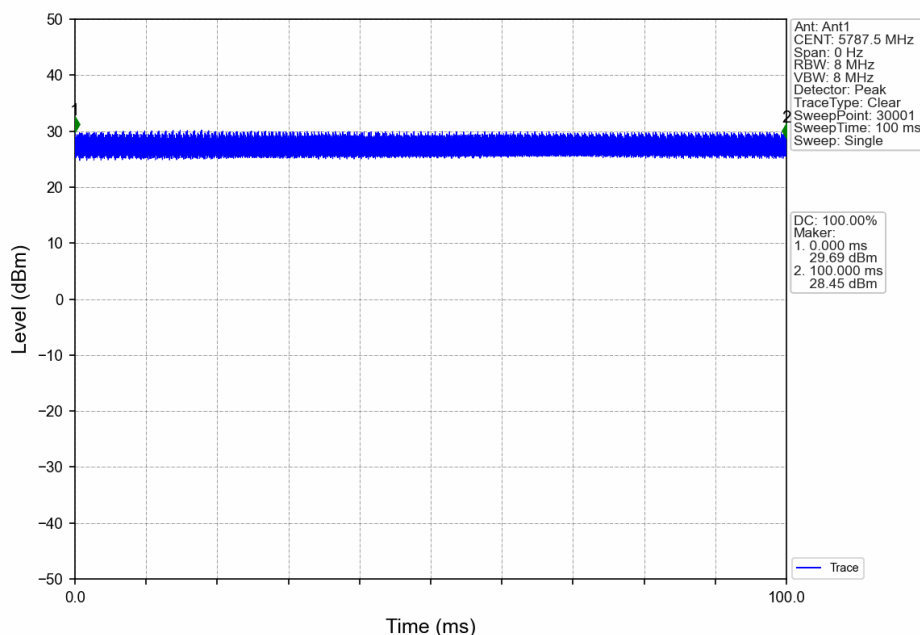
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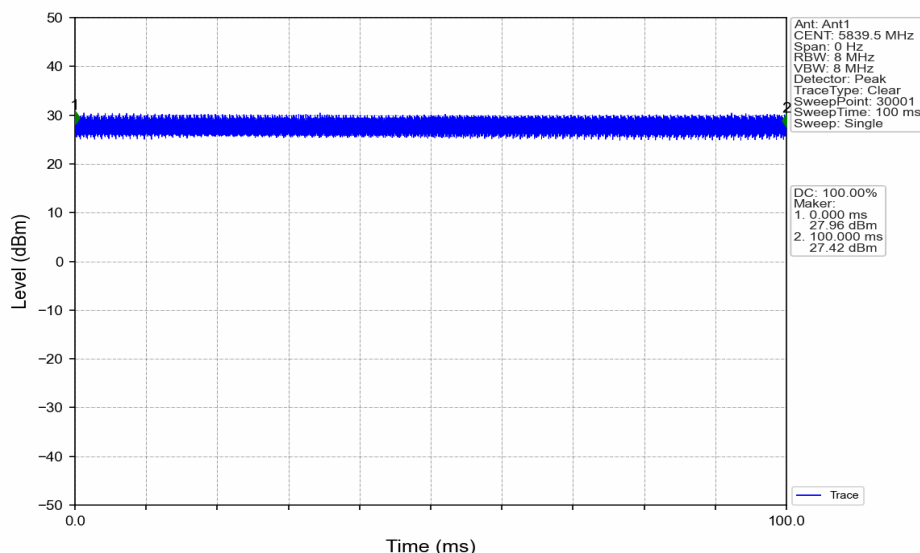
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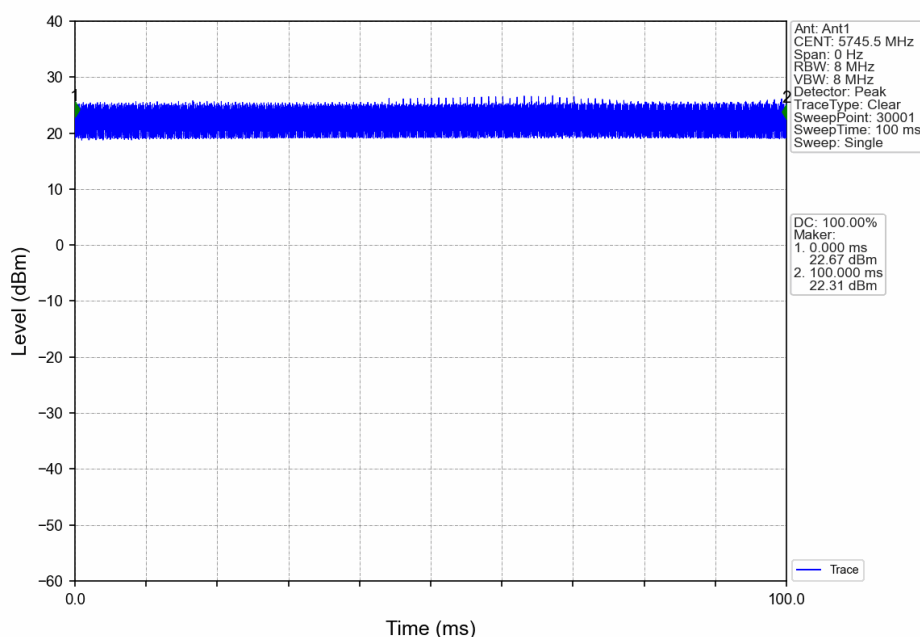
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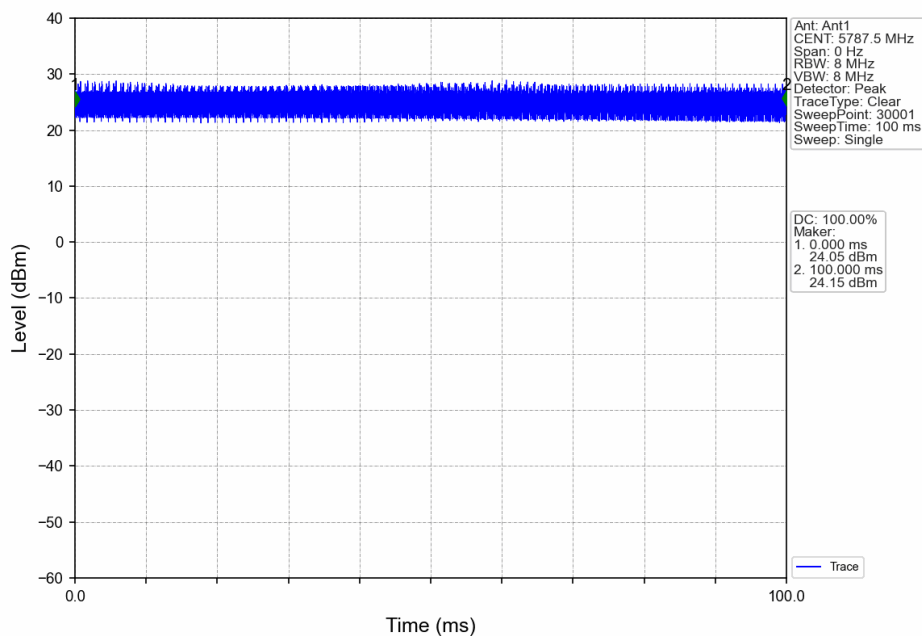
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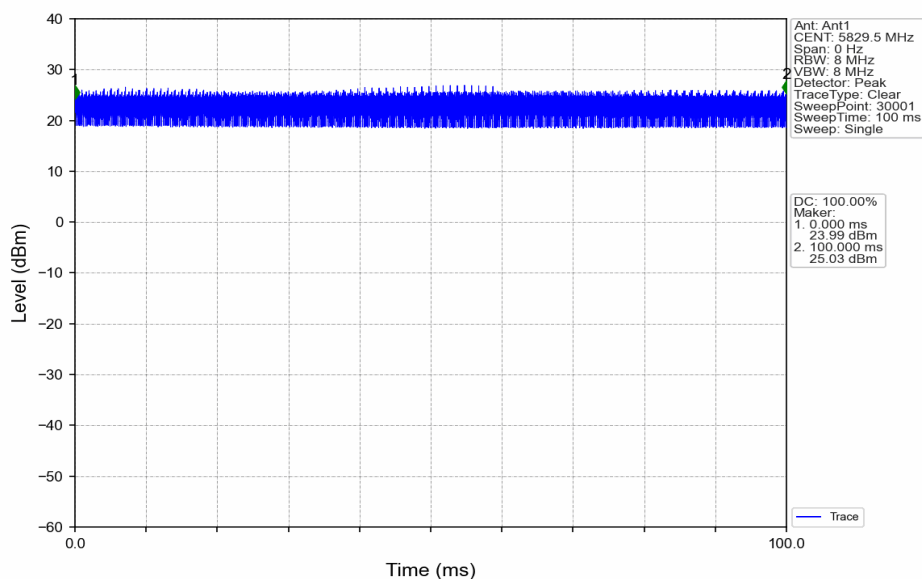
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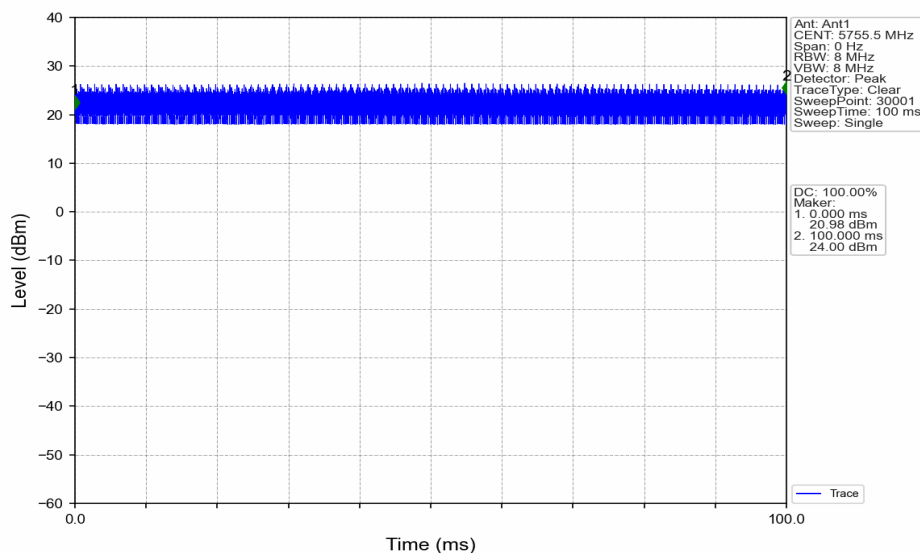
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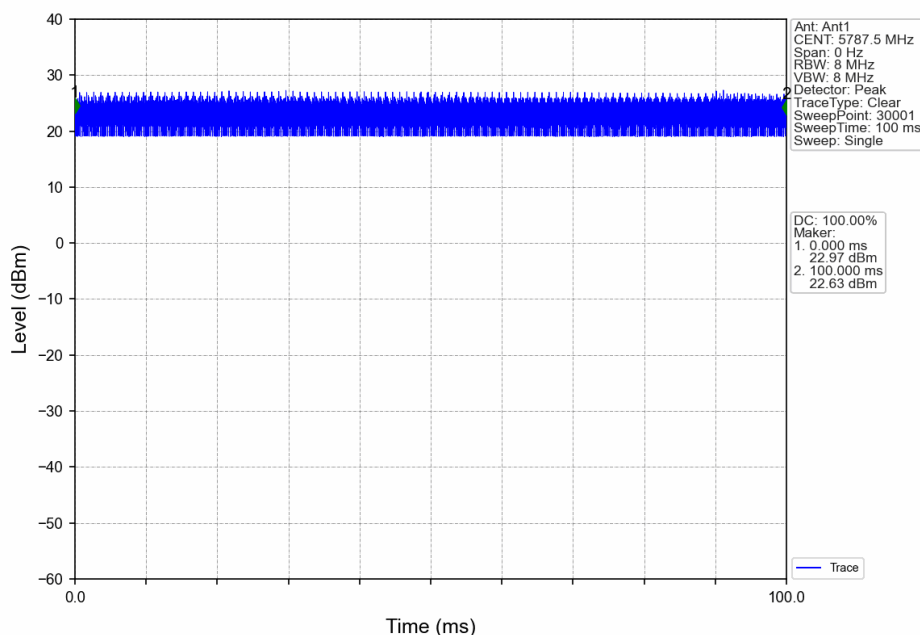
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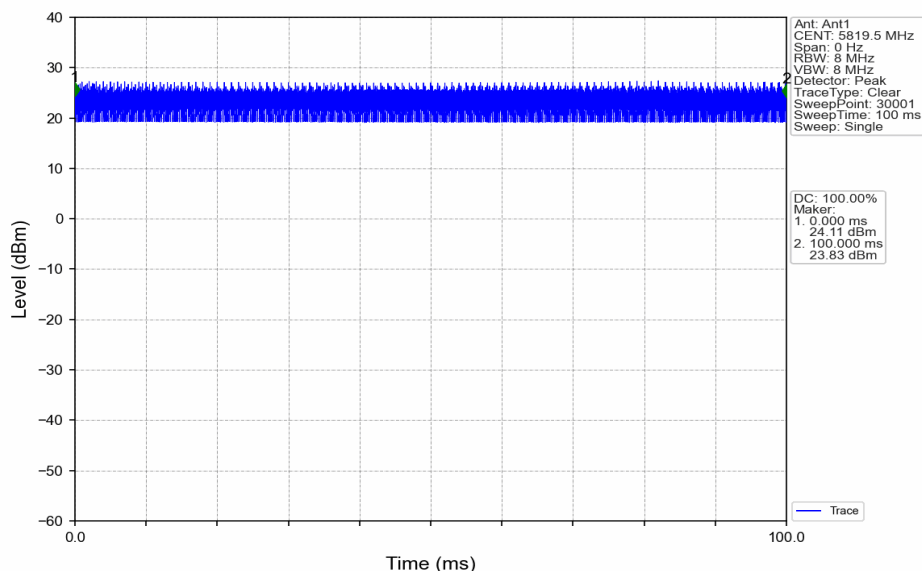
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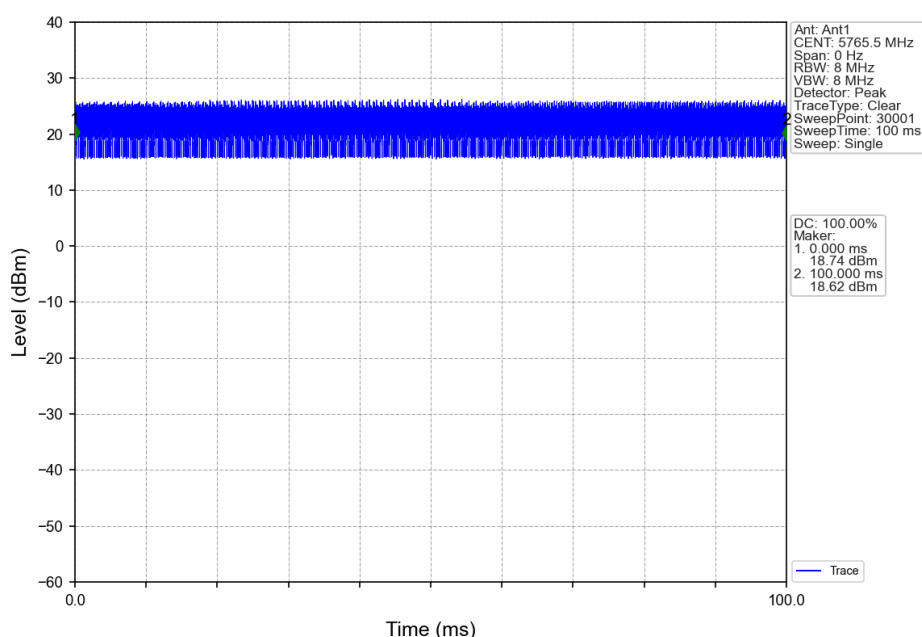
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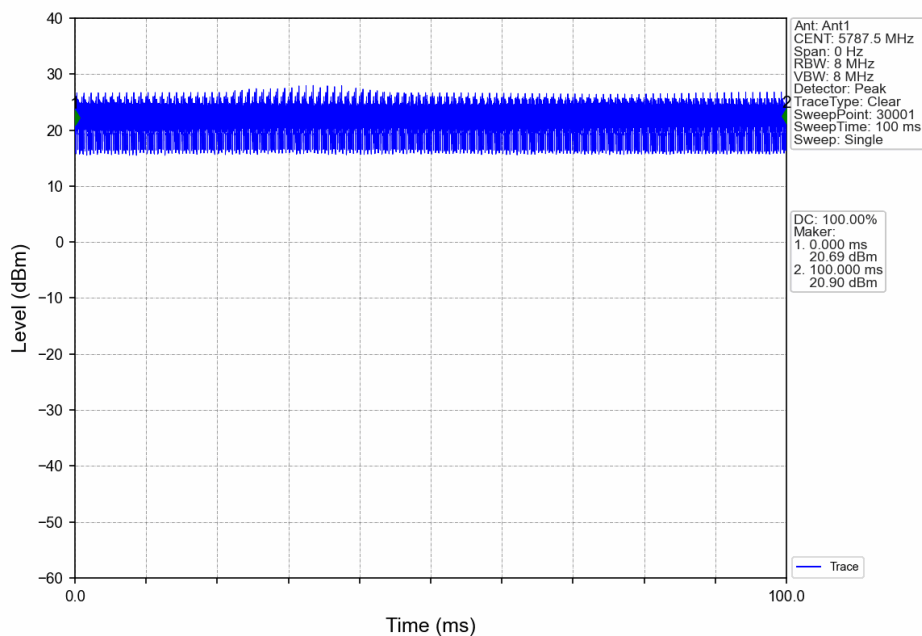
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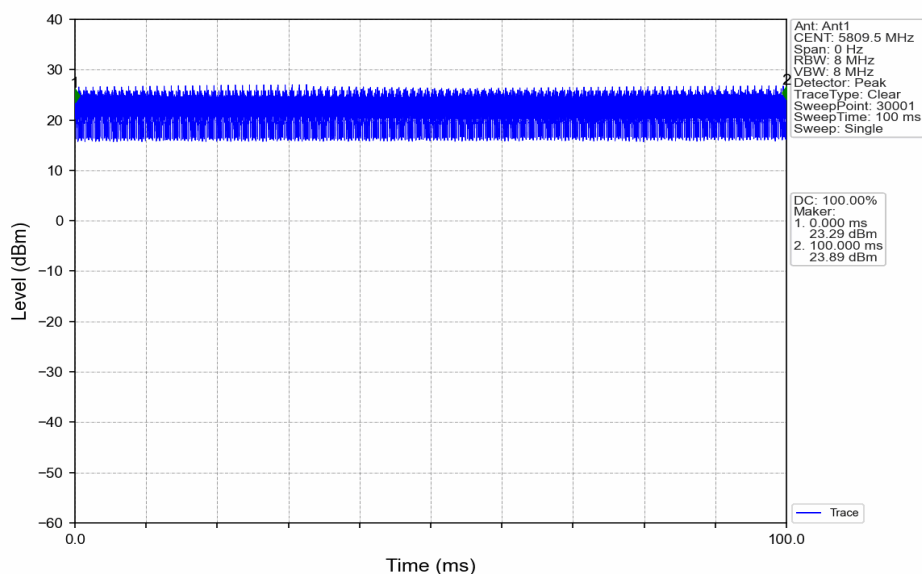
80M_LCH_5765.5MHz_Ant1_NTNV



80M_MCH_5787.5MHz_Ant1_NTNV



80M_HCH_5809.5MHz_Ant1_NTNV



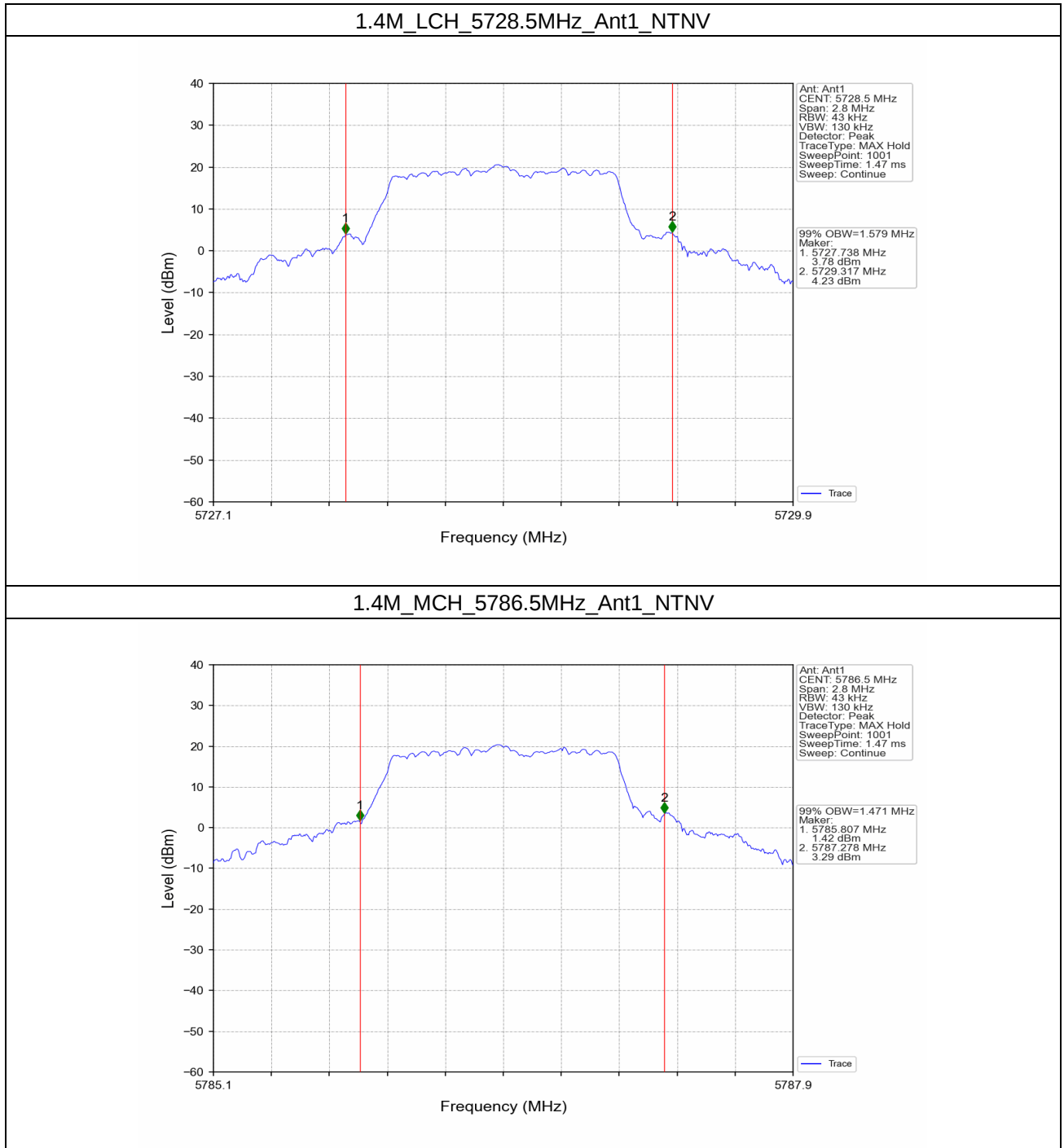
2. Bandwidth

2.1 OBW

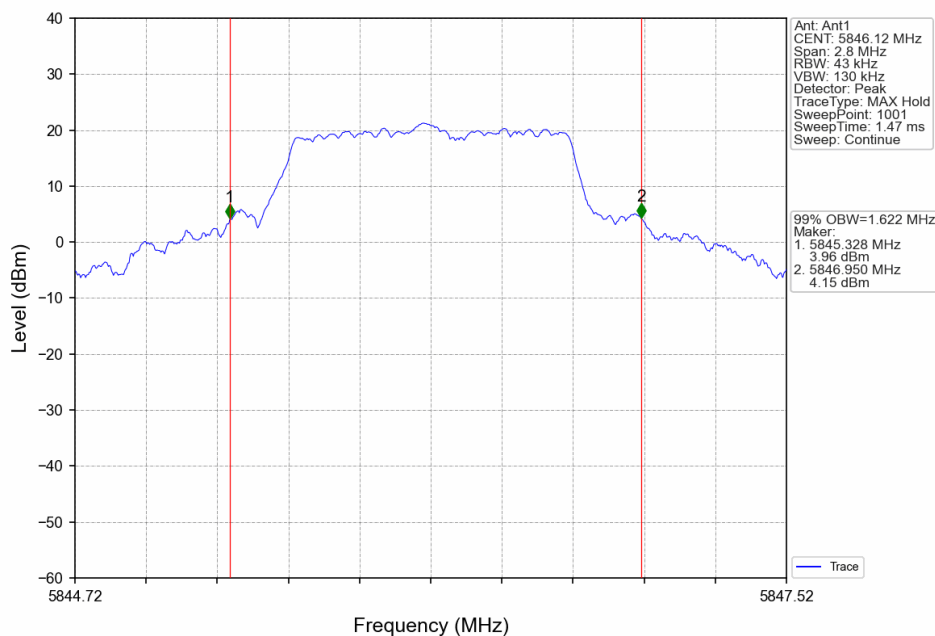
2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)	Verdict
				Result	
1.4M	MIMO	5728.5	1	1.579	Pass
		5786.5	1	1.471	Pass
		5846.12	1	1.622	Pass
3M	MIMO	5727.5	1	2.700	Pass
		5784.5	1	2.435	Pass
		5847.2	1	2.302	Pass
5M	MIMO	5732.5	1	4.636	Pass
		5782.5	1	4.601	Pass
		5842.5	1	4.539	Pass
10M	MIMO	5730.5	1	9.355	Pass
		5787.5	1	9.565	Pass
		5844.5	1	10.004	Pass
20M	MIMO	5735.5	1	19.700	Pass
		5787.5	1	19.006	Pass
		5839.5	1	19.858	Pass
40M	MIMO	5745.5	1	36.438	Pass
		5787.5	1	41.168	Pass
		5829.5	1	36.687	Pass
60M	MIMO	5755.5	1	54.913	Pass
		5787.5	1	55.053	Pass
		5819.5	1	55.465	Pass
80M	MIMO	5765.5	1	79.157	Pass
		5787.5	1	74.653	Pass
		5809.5	1	77.388	Pass

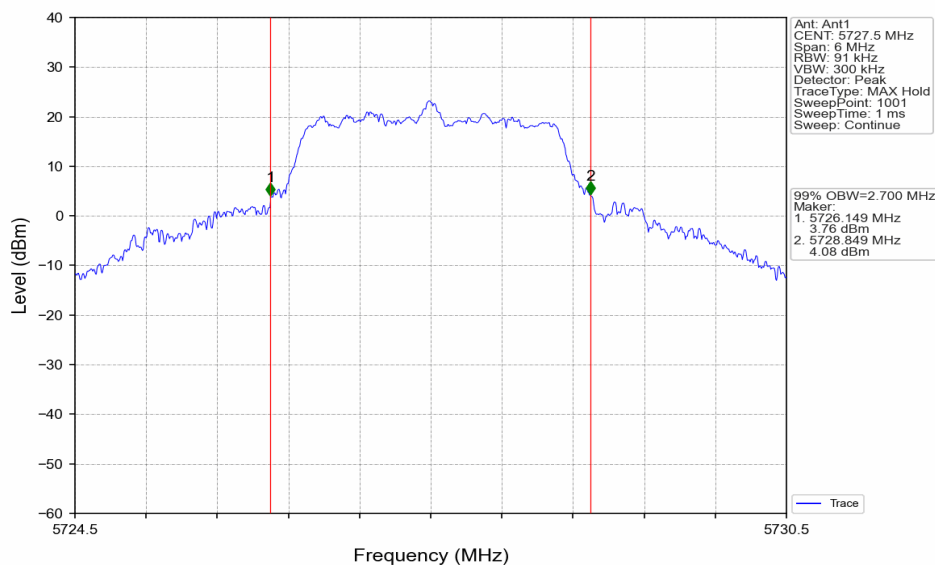
2.1.2 Test Graph



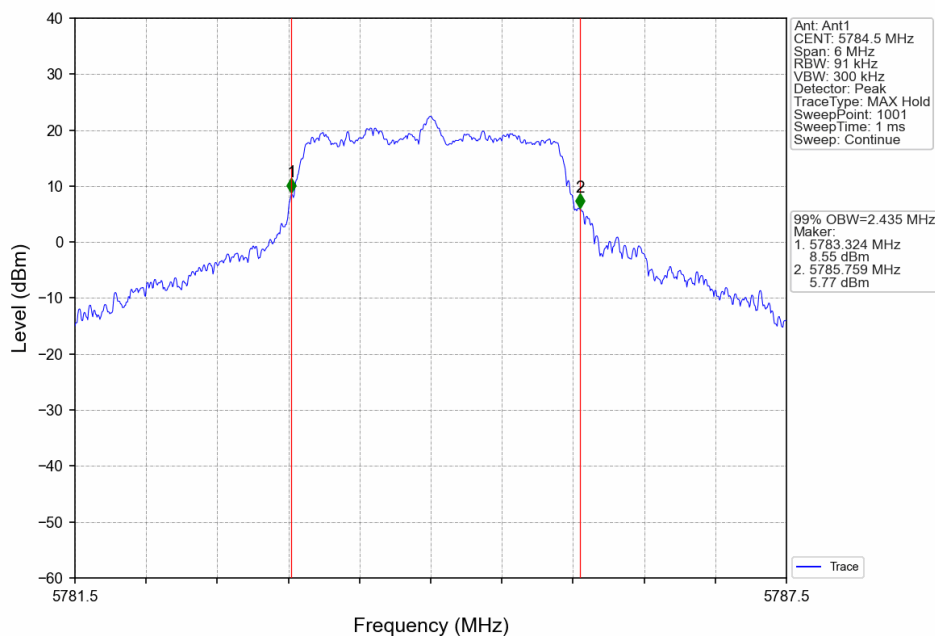
1.4M_HCH_5846.12MHz_Ant1_NTNV



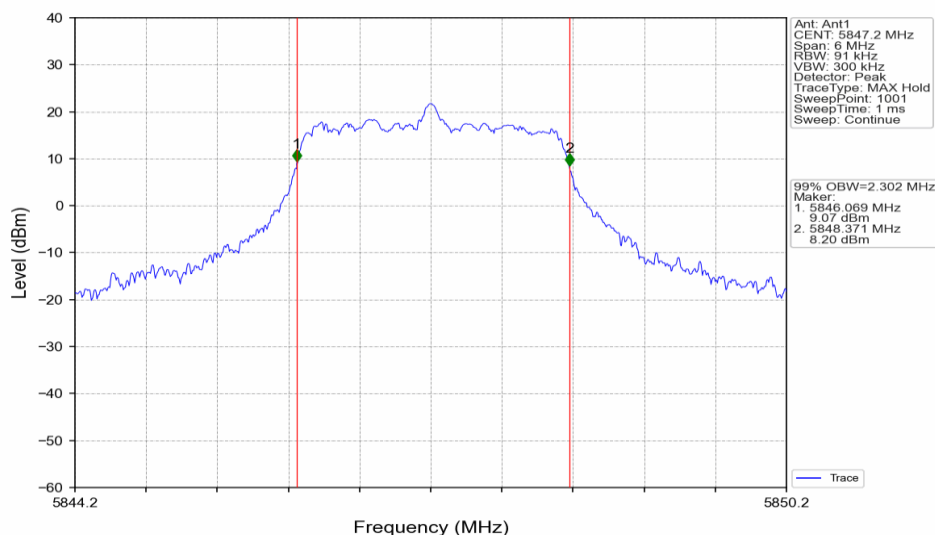
3M_LCH_5727.5MHz_Ant1_NTNV



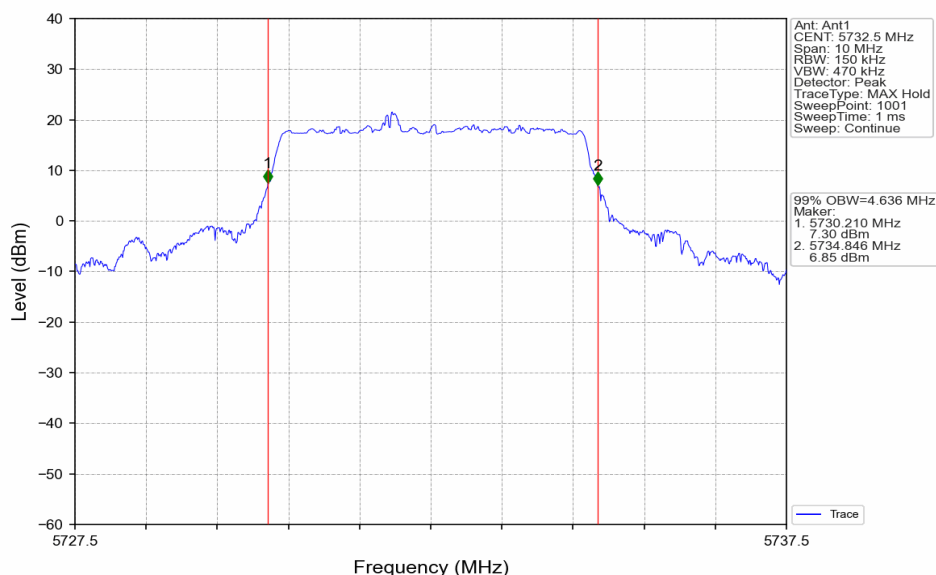
3M_MCH_5784.5MHz_Ant1_NTNV



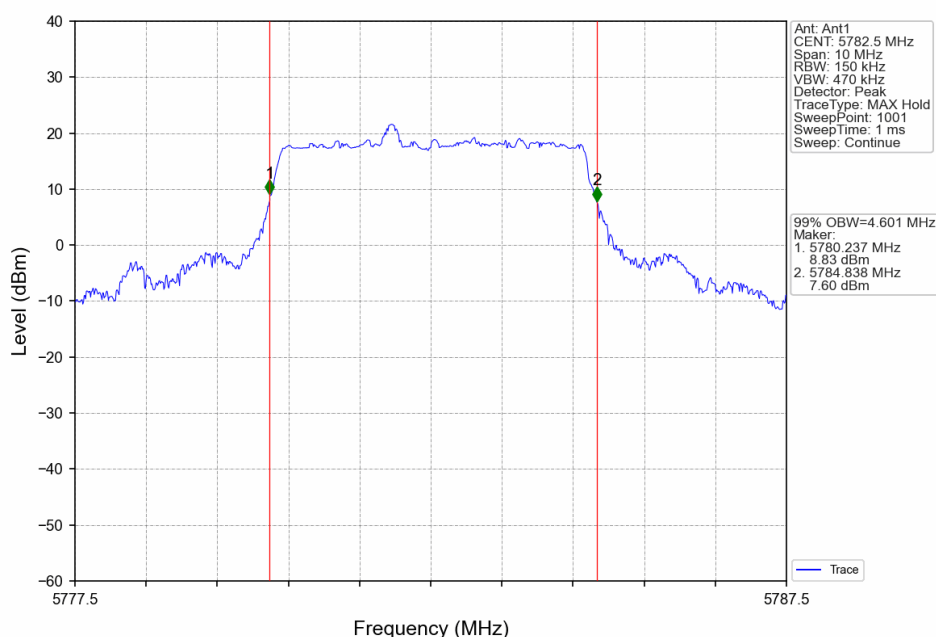
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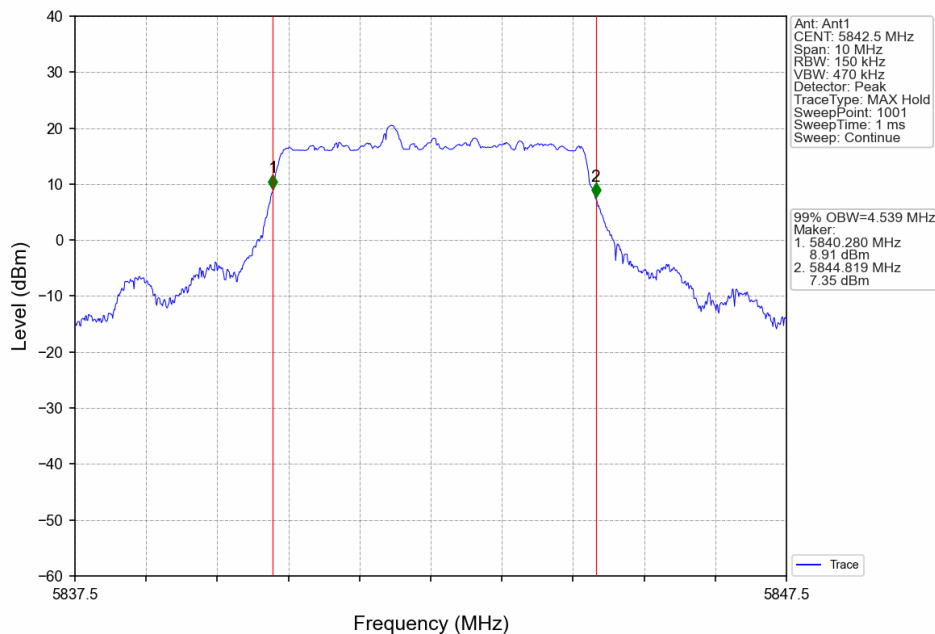
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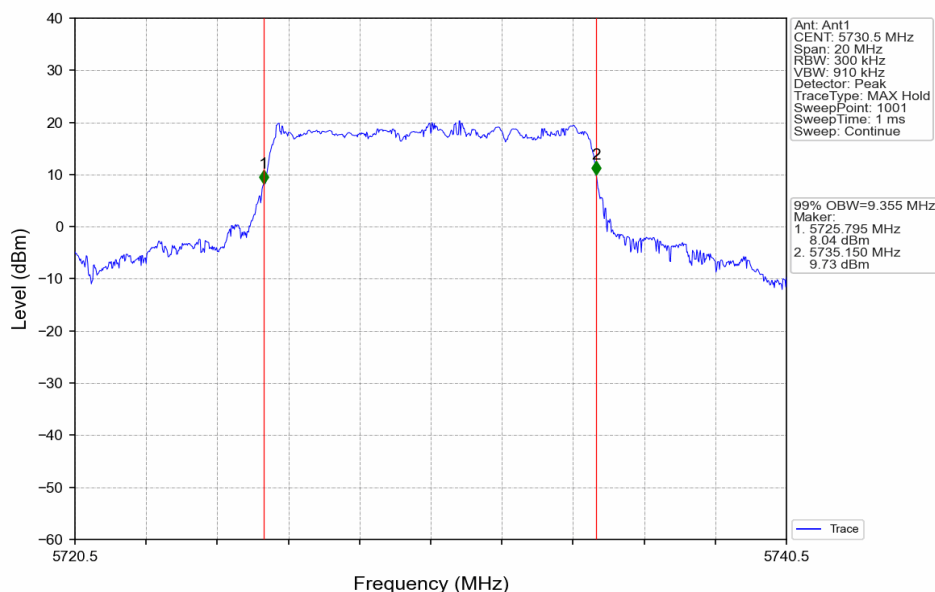
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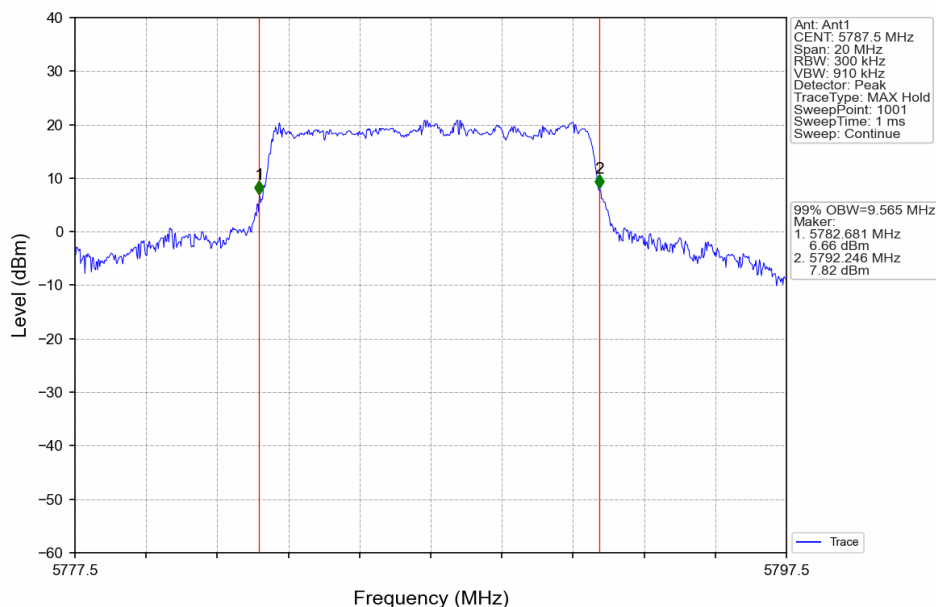
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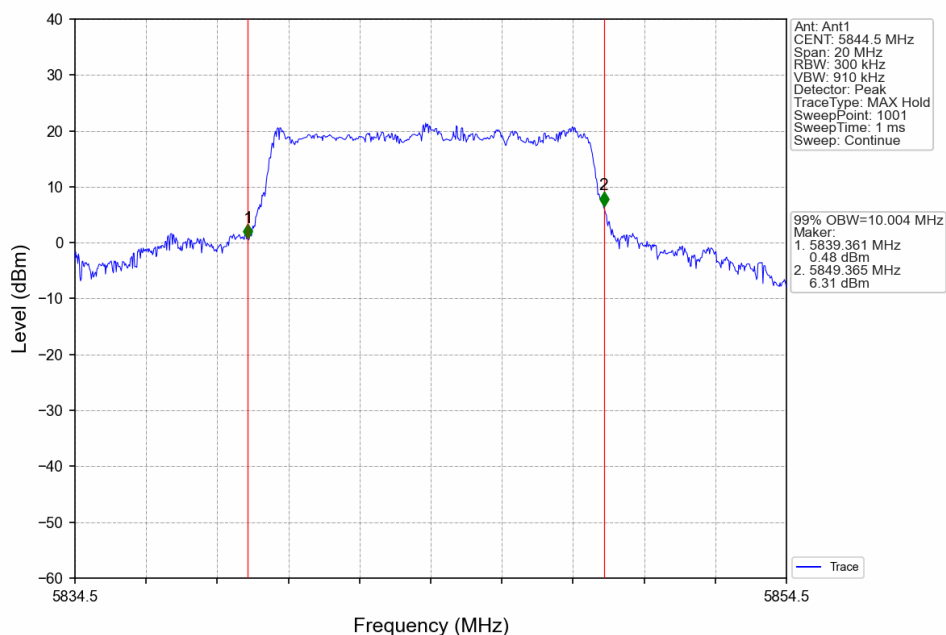
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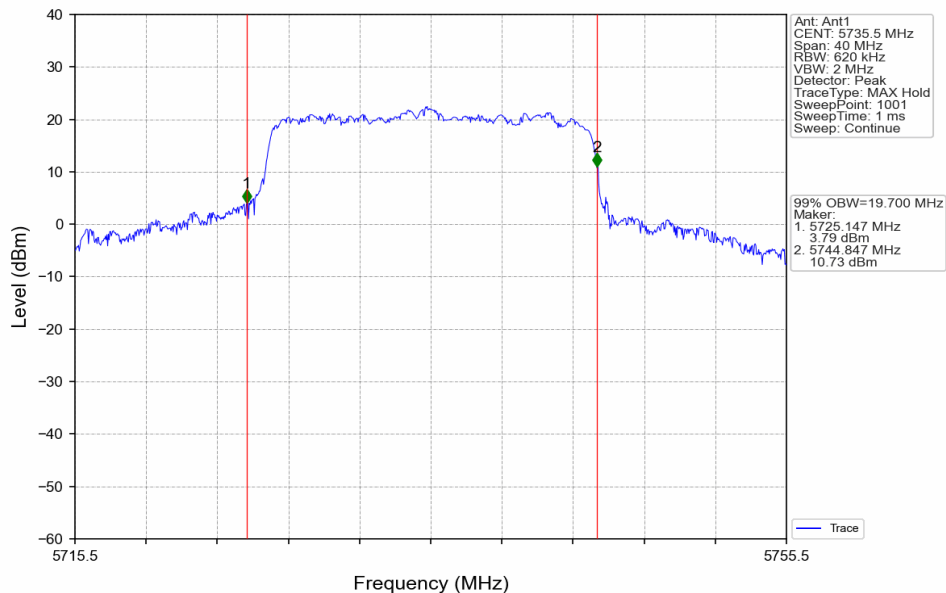
10M_MCH_5787.5MHz_Ant1_NTNV



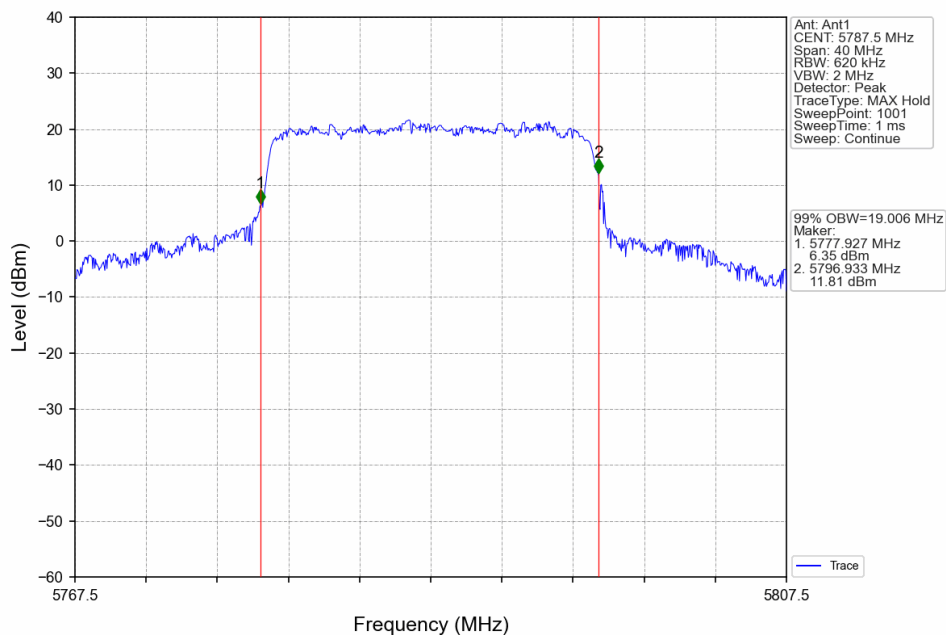
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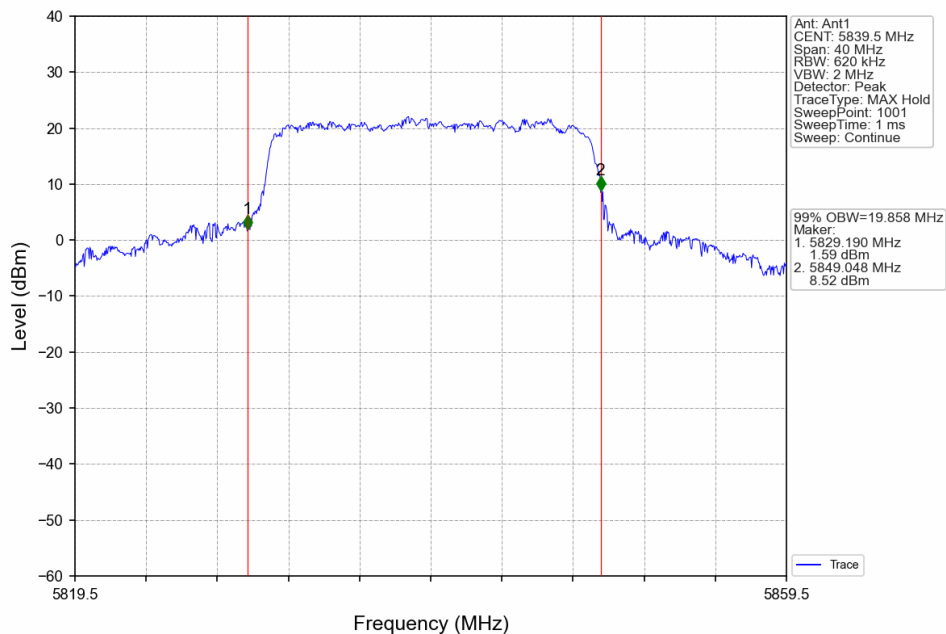
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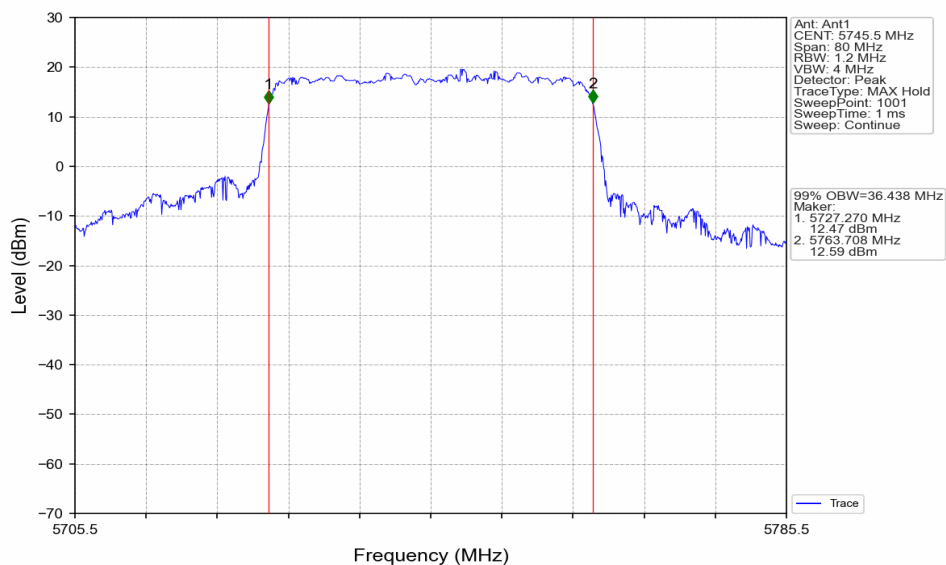
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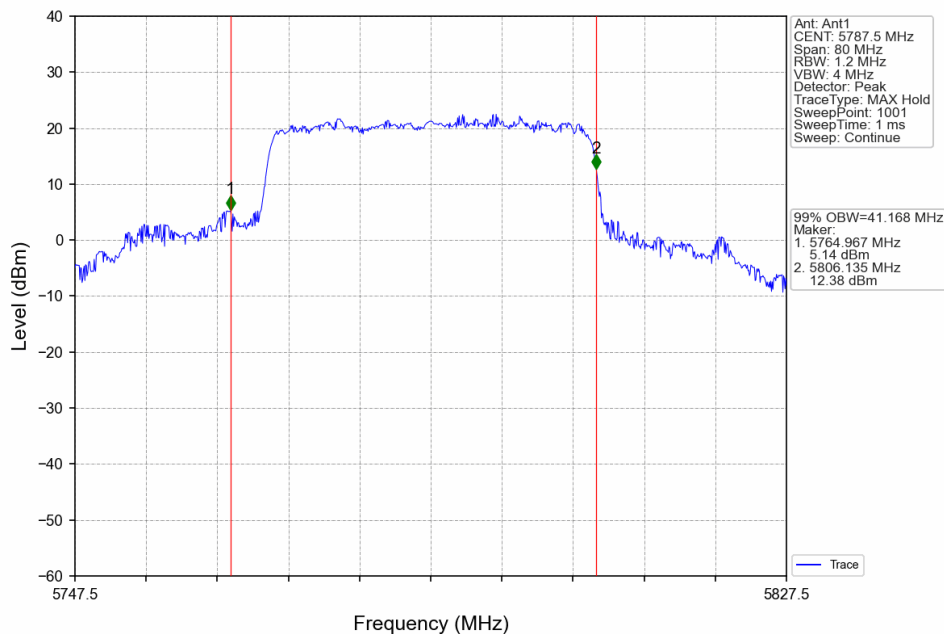
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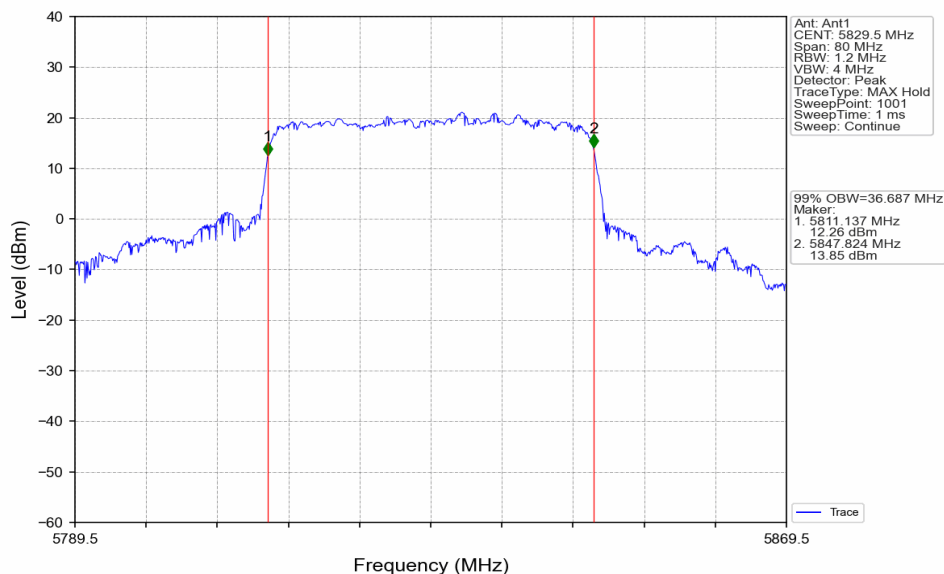
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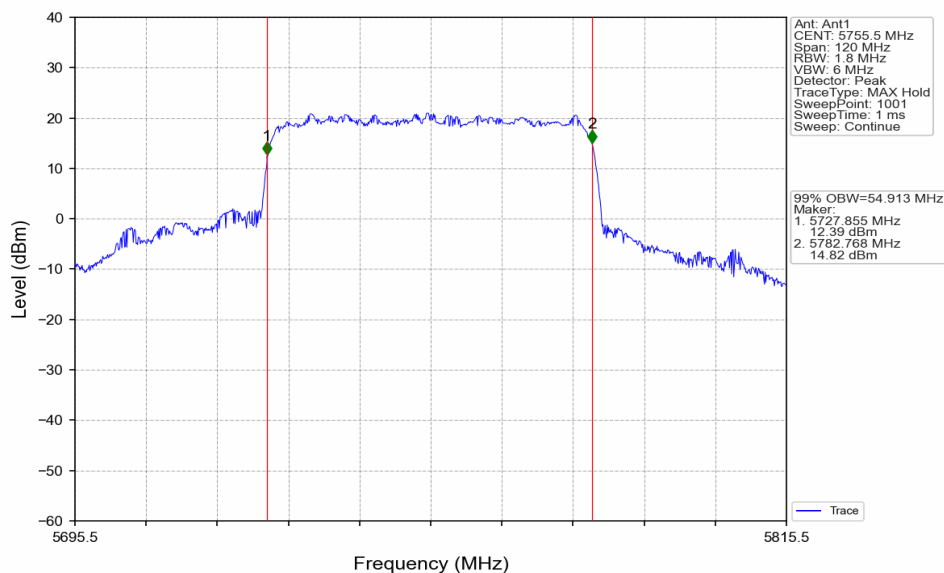
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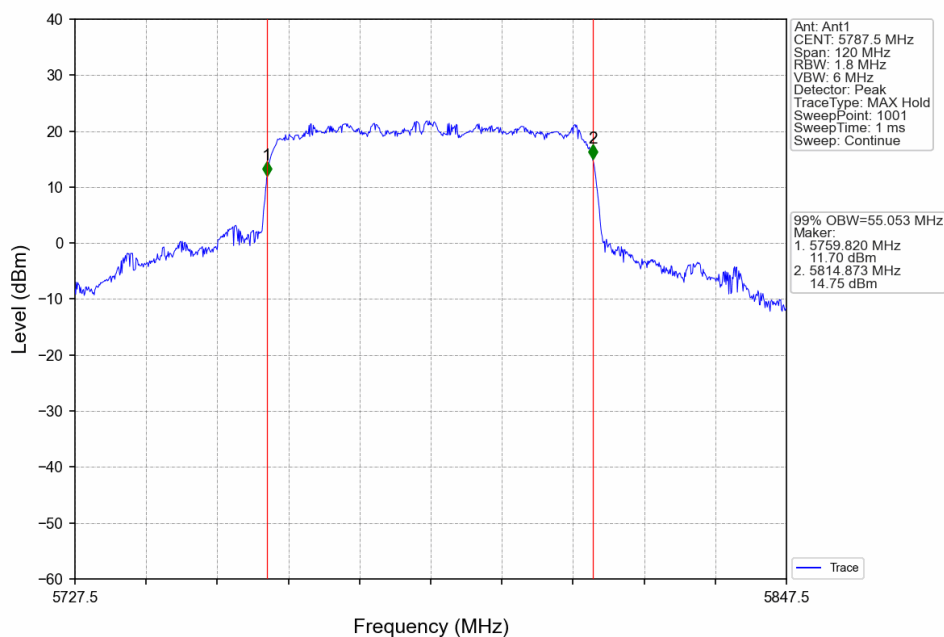
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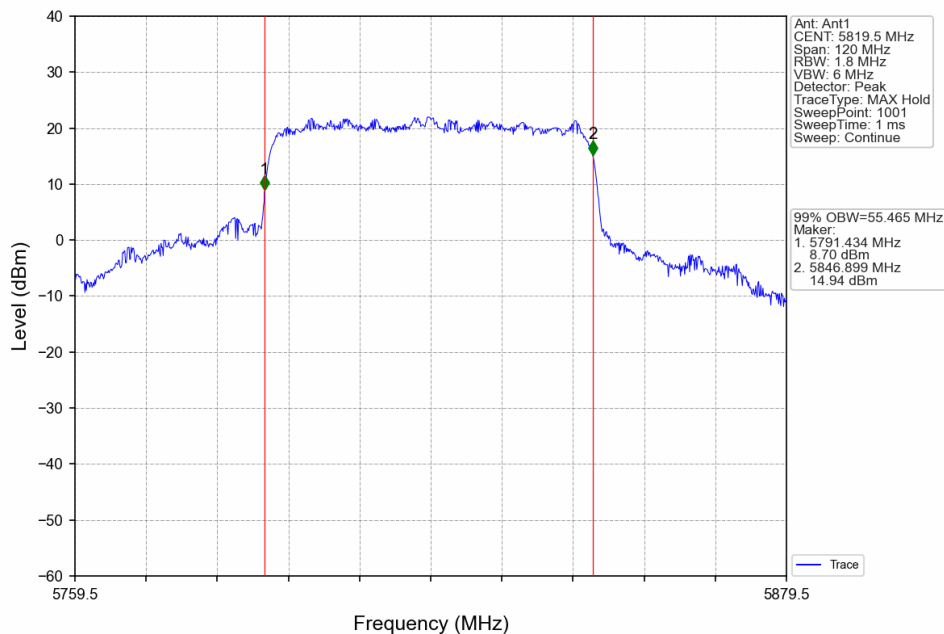
60M_LCH_5755.5MHz_Ant1_NTNV



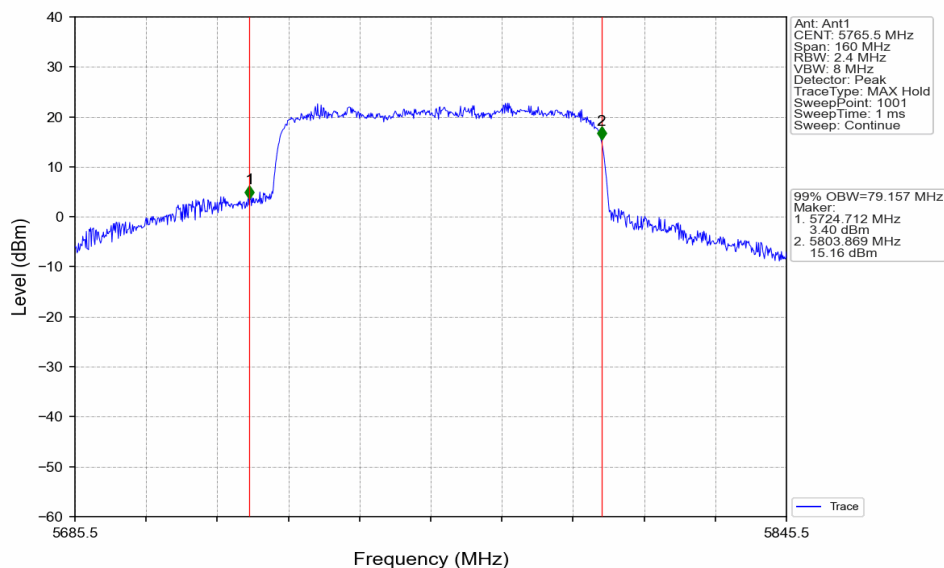
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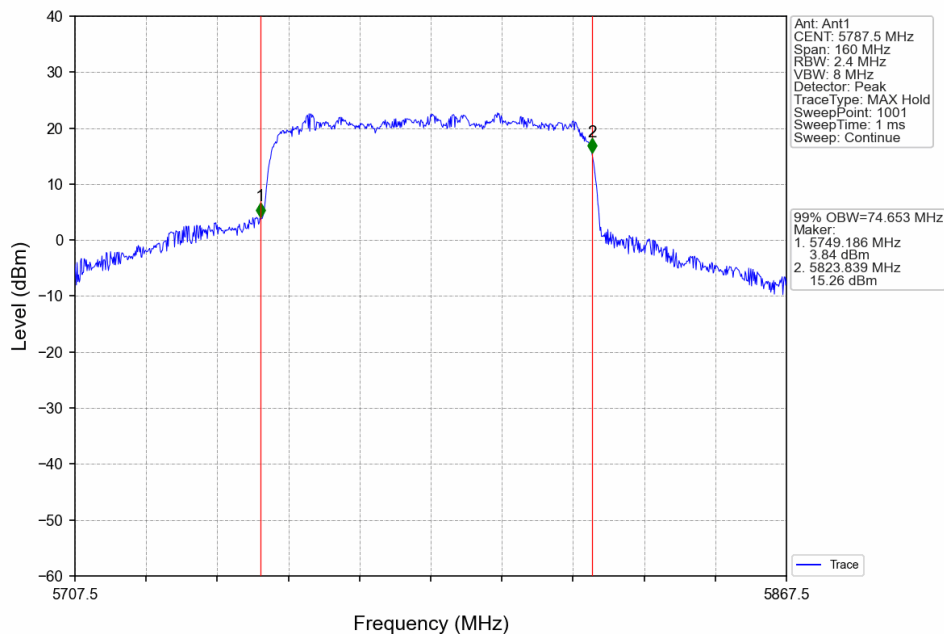
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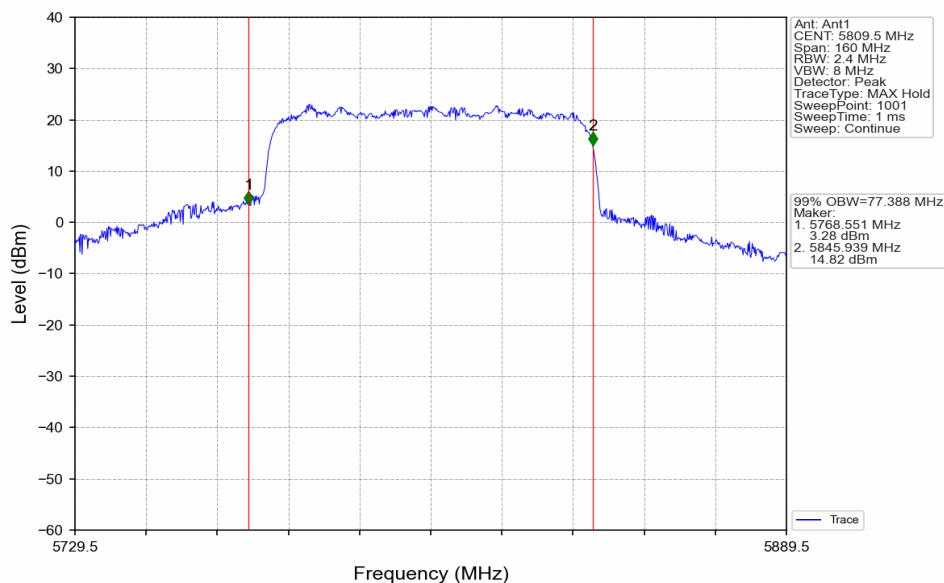
80M_LCH_5765.5MHz_Ant1_NTNV



80M_MCH_5787.5MHz_Ant1_NTNV



80M_HCH_5809.5MHz_Ant1_NTNV



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

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2.2 6dB BW

2.2.1 Test Result

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
1.4M	MIMO	5728.5	1	1.150	>=0.5	Pass
		5786.5	1	1.147	>=0.5	Pass
		5846.12	1	1.153	>=0.5	Pass
3M	MIMO	5727.5	1	2.146	>=0.5	Pass
		5784.5	1	2.161	>=0.5	Pass
		5847.2	1	2.084	>=0.5	Pass
5M	MIMO	5732.5	1	4.299	>=0.5	Pass
		5782.5	1	4.323	>=0.5	Pass
		5842.5	1	4.321	>=0.5	Pass
10M	MIMO	5730.5	1	9.038	>=0.5	Pass
		5787.5	1	8.999	>=0.5	Pass
		5844.5	1	8.966	>=0.5	Pass
20M	MIMO	5735.5	1	17.941	>=0.5	Pass
		5787.5	1	18.000	>=0.5	Pass
		5839.5	1	17.985	>=0.5	Pass
40M	MIMO	5745.5	1	35.988	>=0.5	Pass
		5787.5	1	35.809	>=0.5	Pass
		5829.5	1	36.013	>=0.5	Pass
60M	MIMO	5755.5	1	53.678	>=0.5	Pass
		5787.5	1	53.648	>=0.5	Pass
		5819.5	1	53.679	>=0.5	Pass
80M	MIMO	5765.5	1	71.029	>=0.5	Pass
		5787.5	1	70.920	>=0.5	Pass
		5809.5	1	70.978	>=0.5	Pass



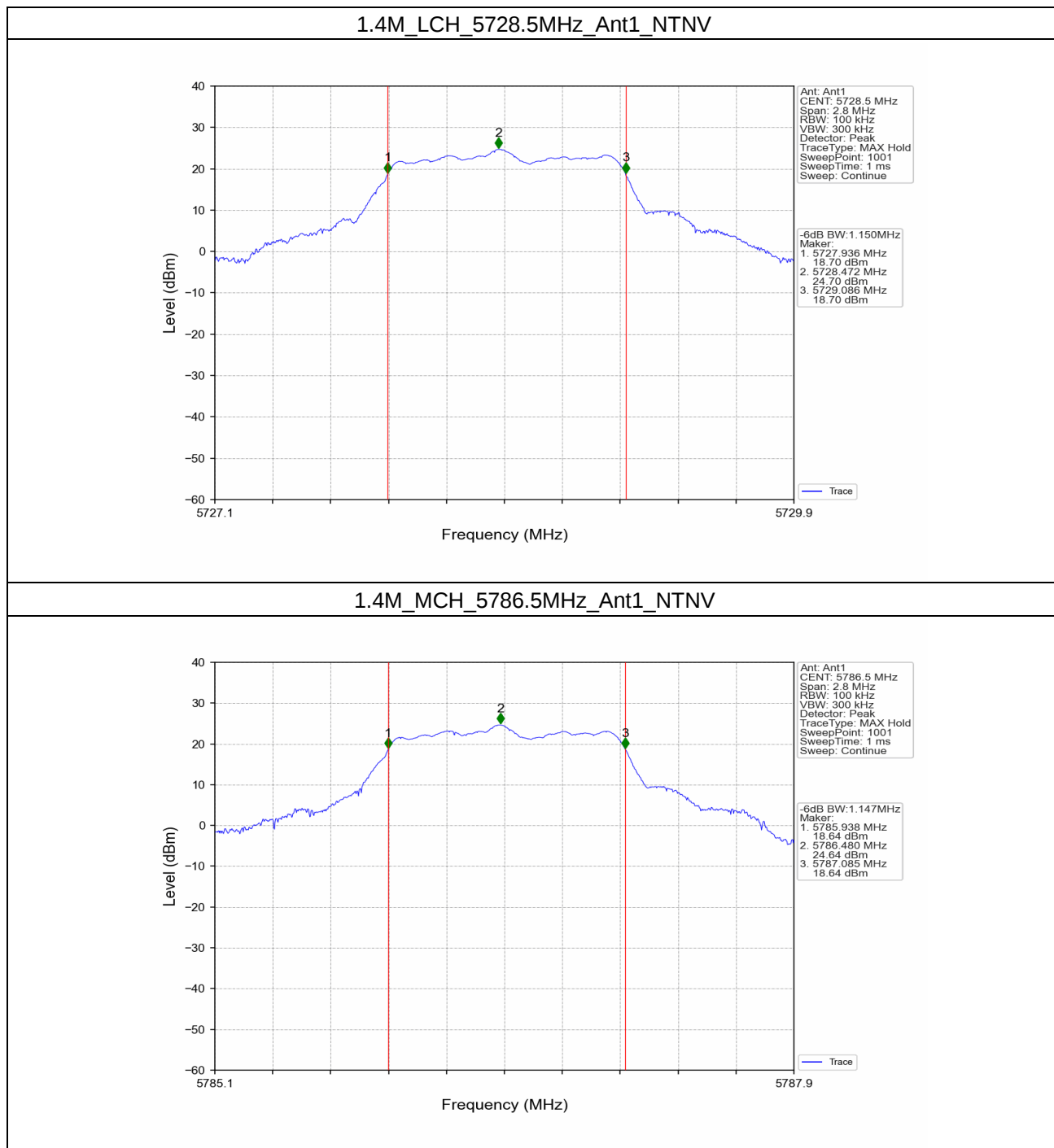
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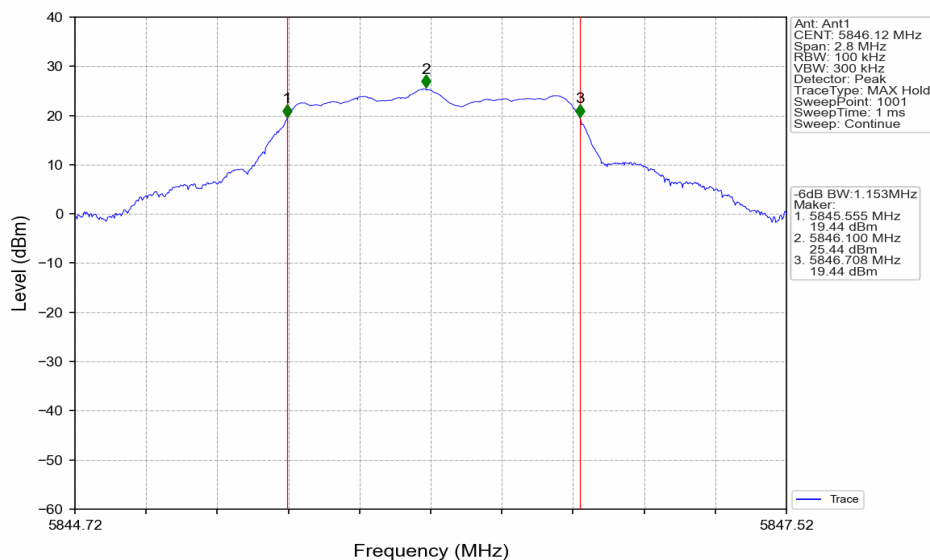
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

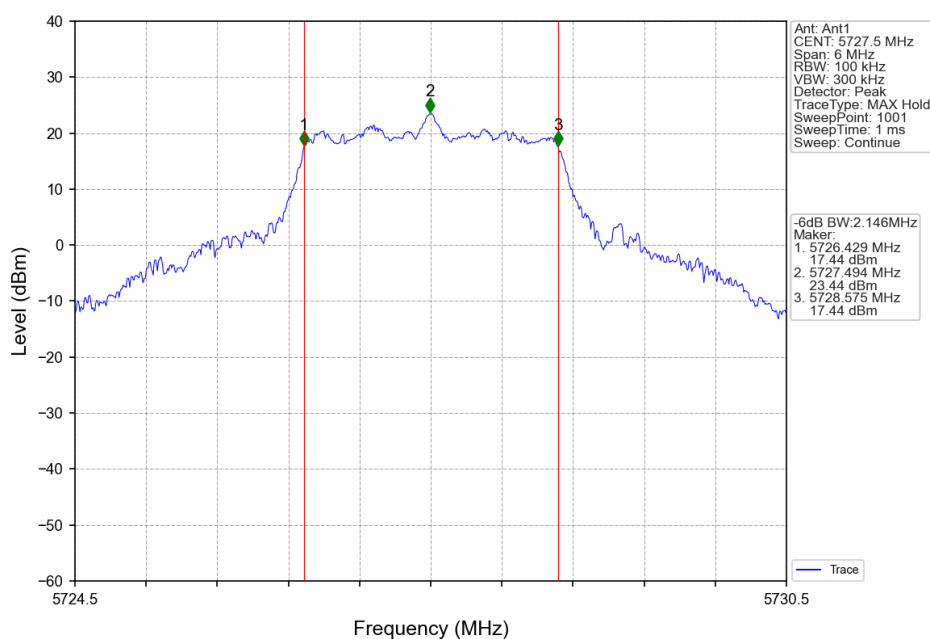
2.2.2 Test Graph



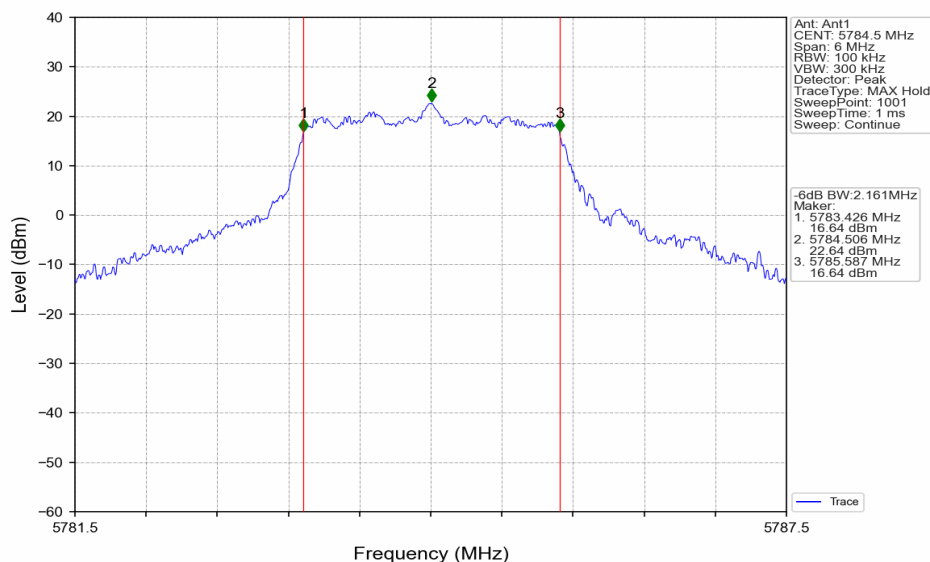
1.4M_HCH_5846.12MHz_Ant1_NTNV



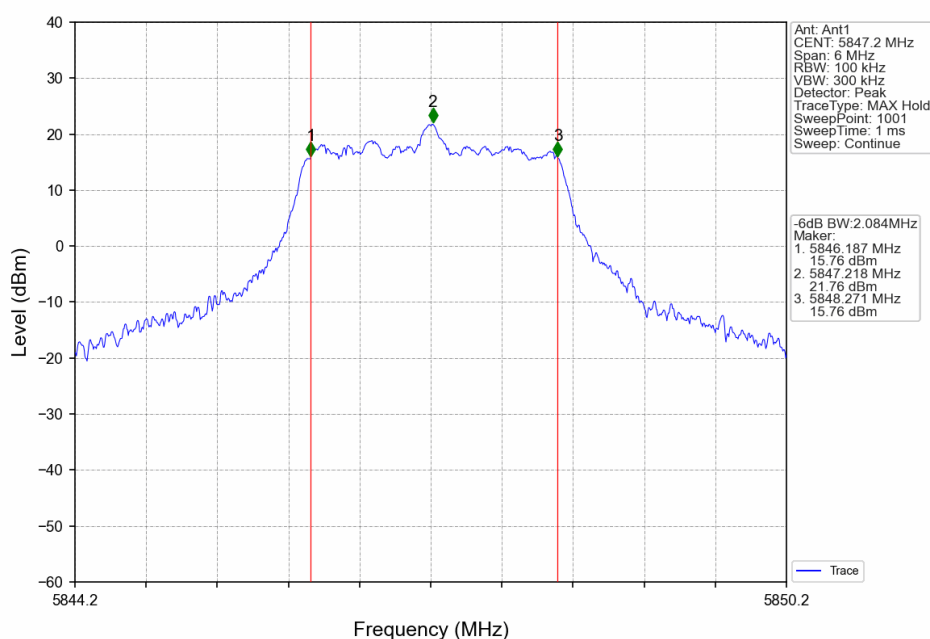
3M_LCH_5727.5MHz_Ant1_NTNV



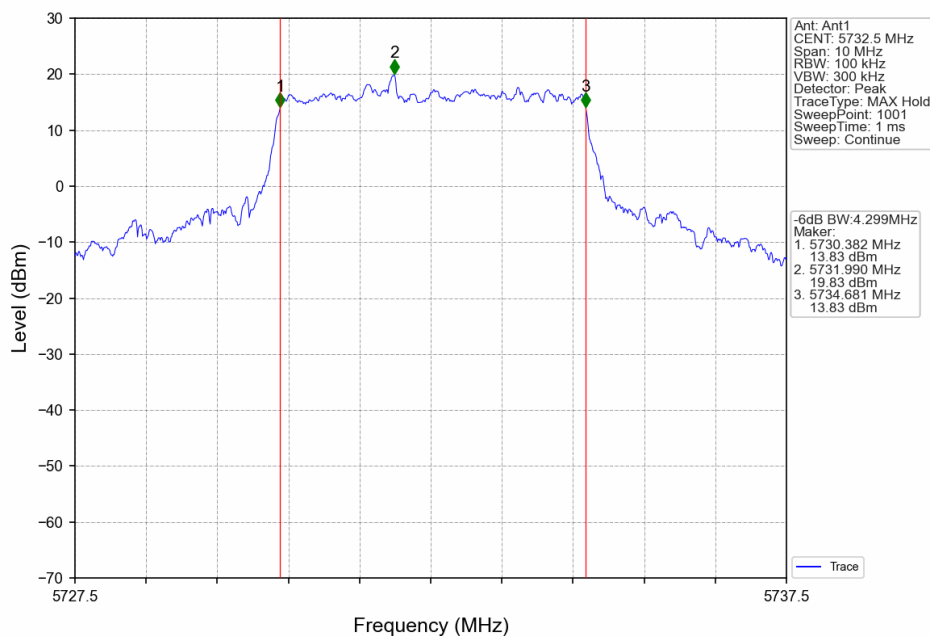
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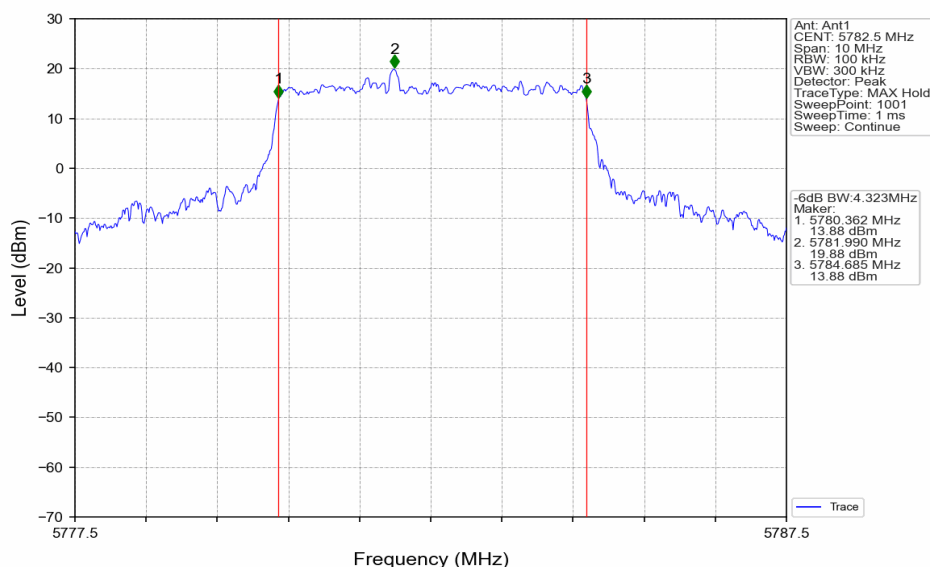
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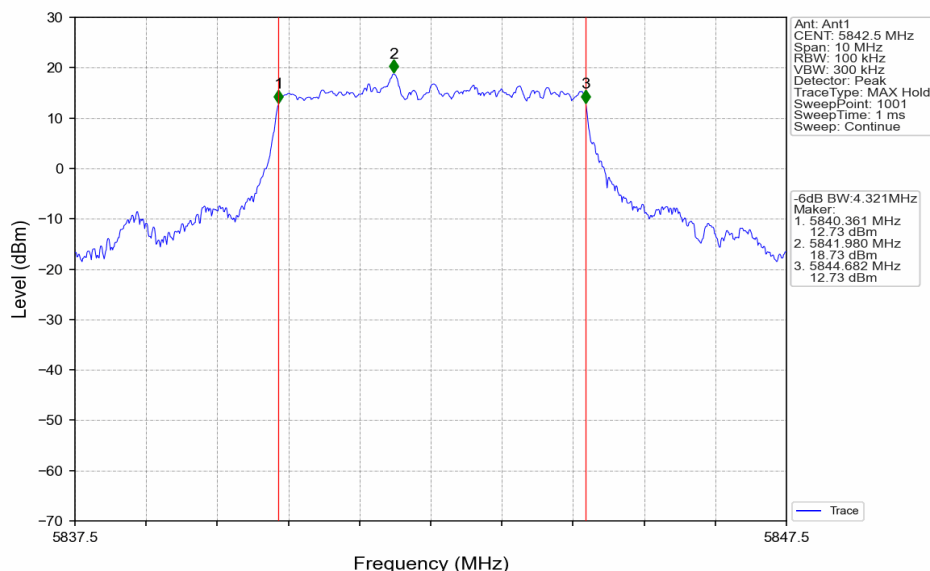
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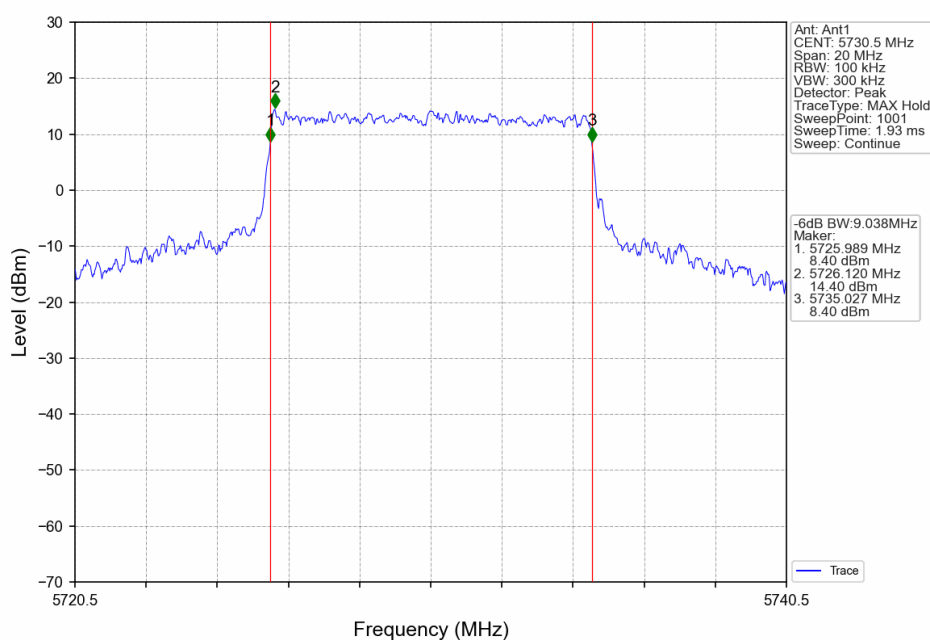
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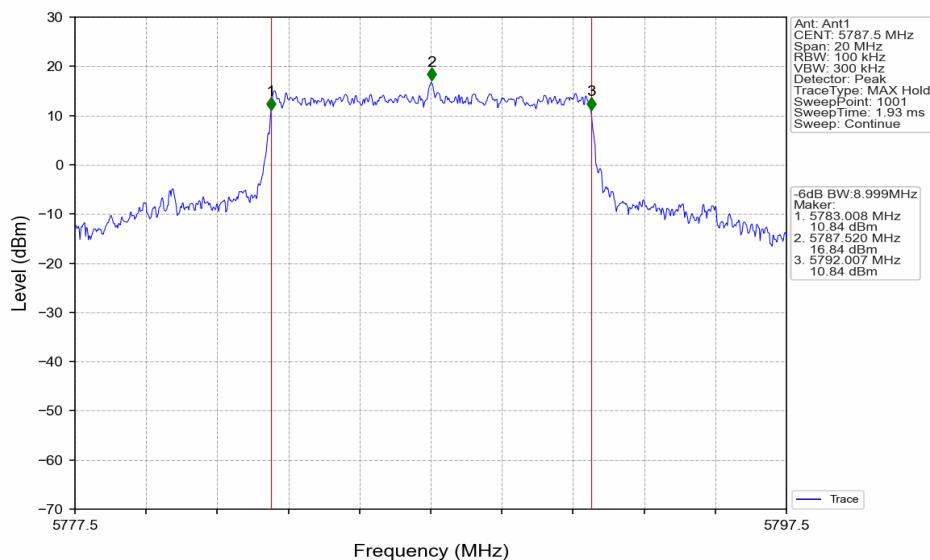
5M_HCH_5842.5MHz_Ant1_NTNV



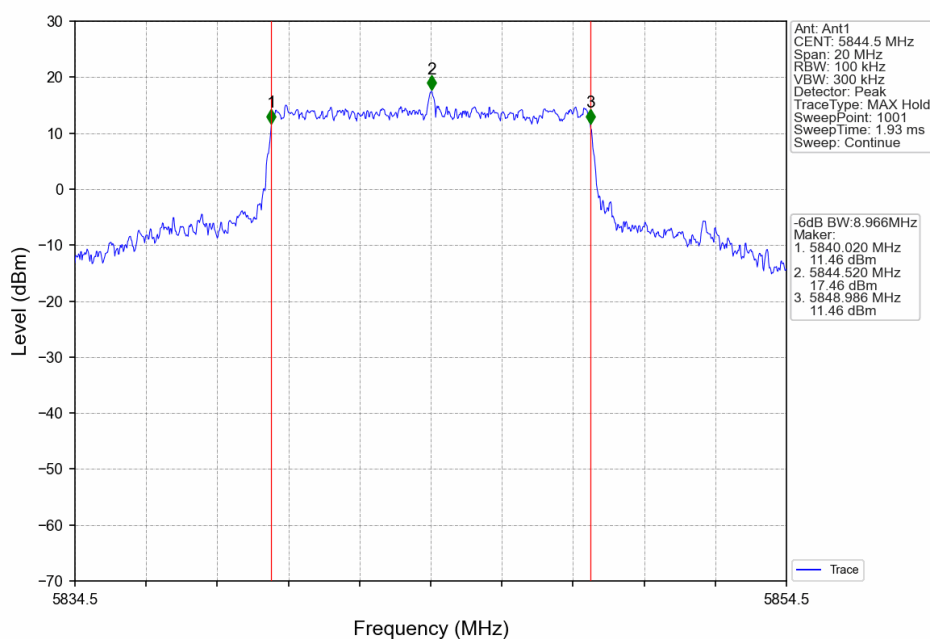
10M_LCH_5730.5MHz_Ant1_NTNV



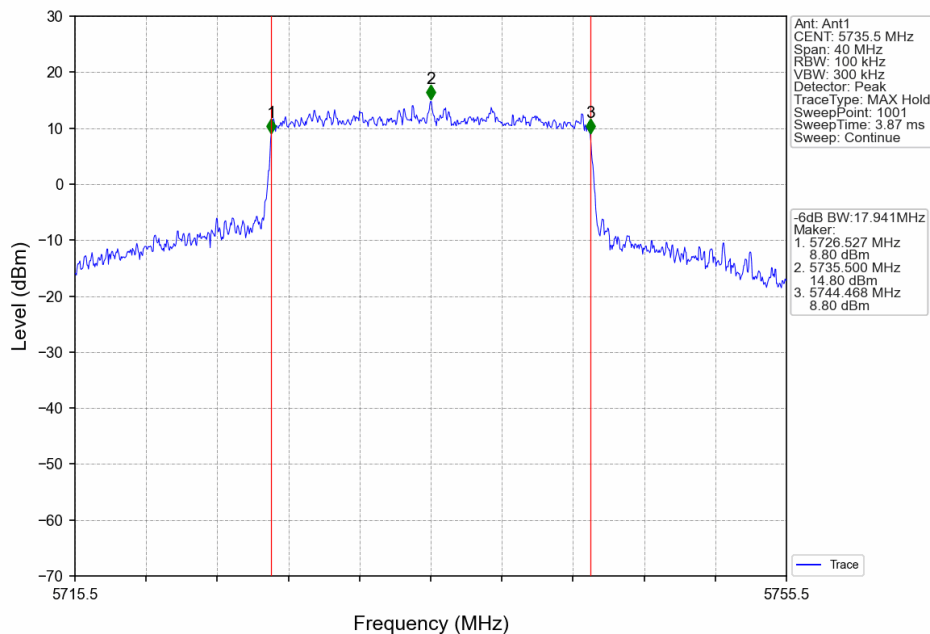
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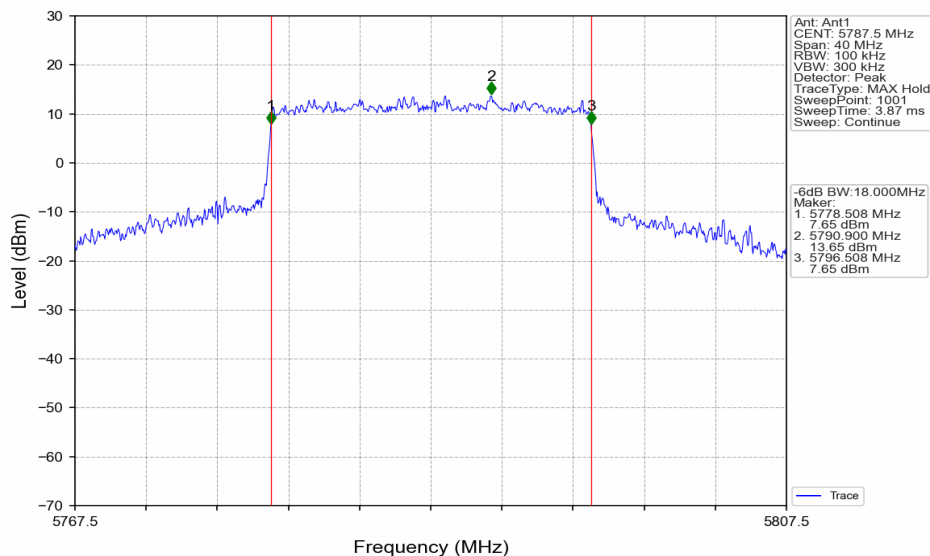
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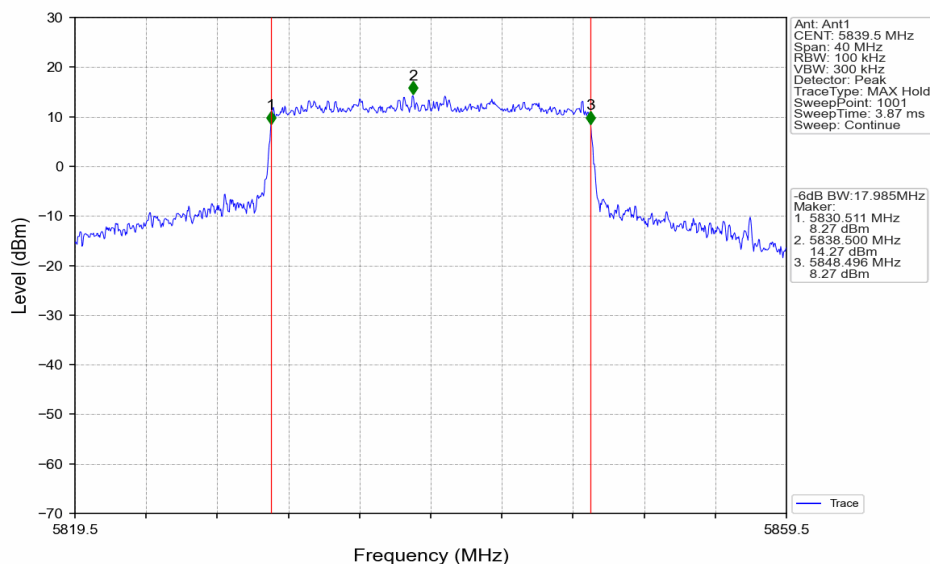
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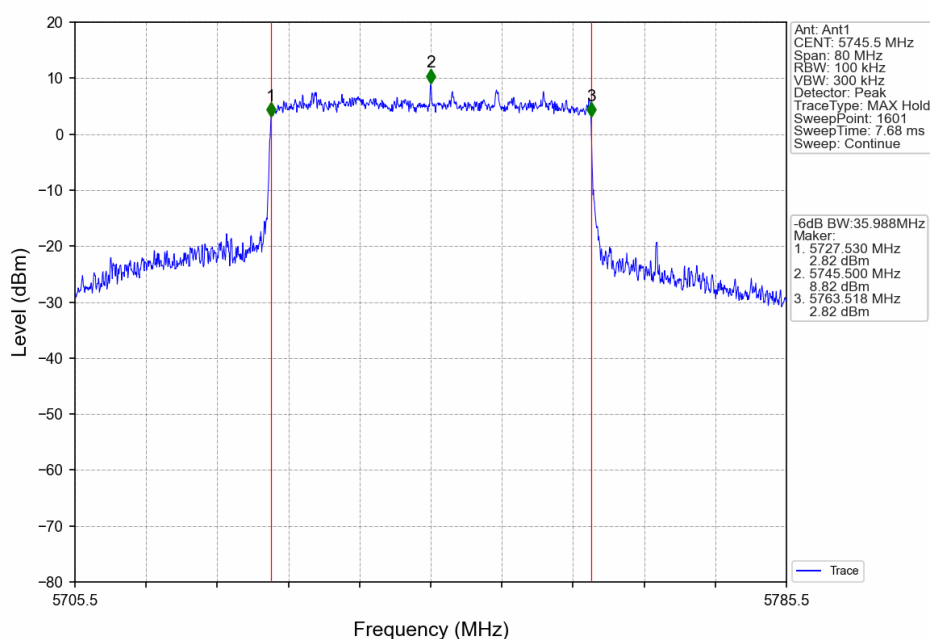
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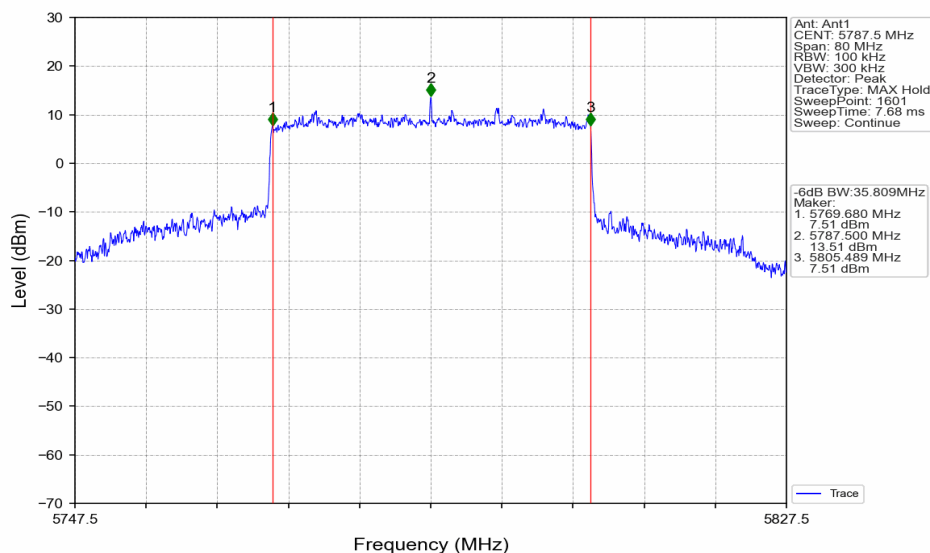
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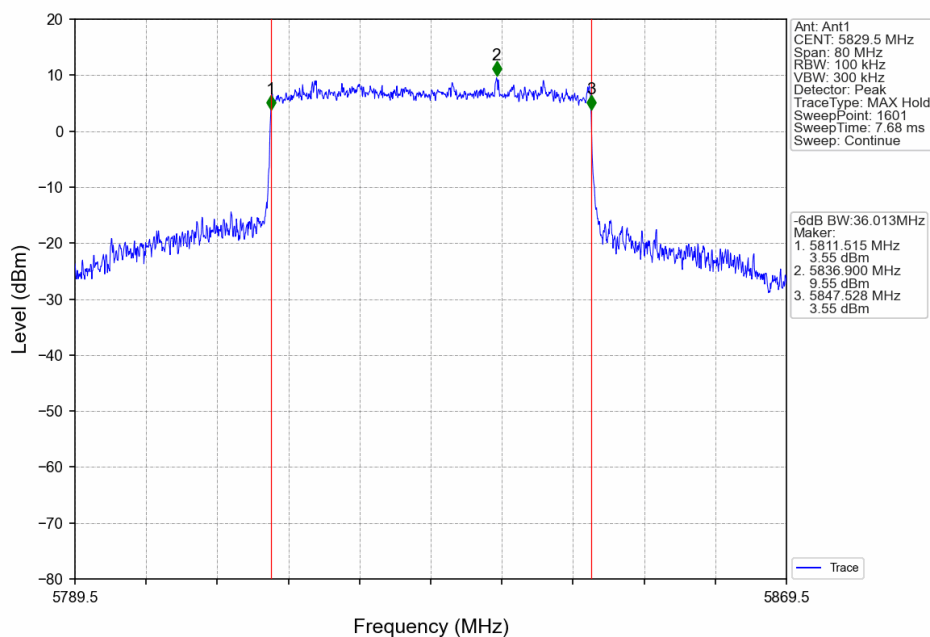
40M_LCH_5745.5MHz_Ant1_NTNV



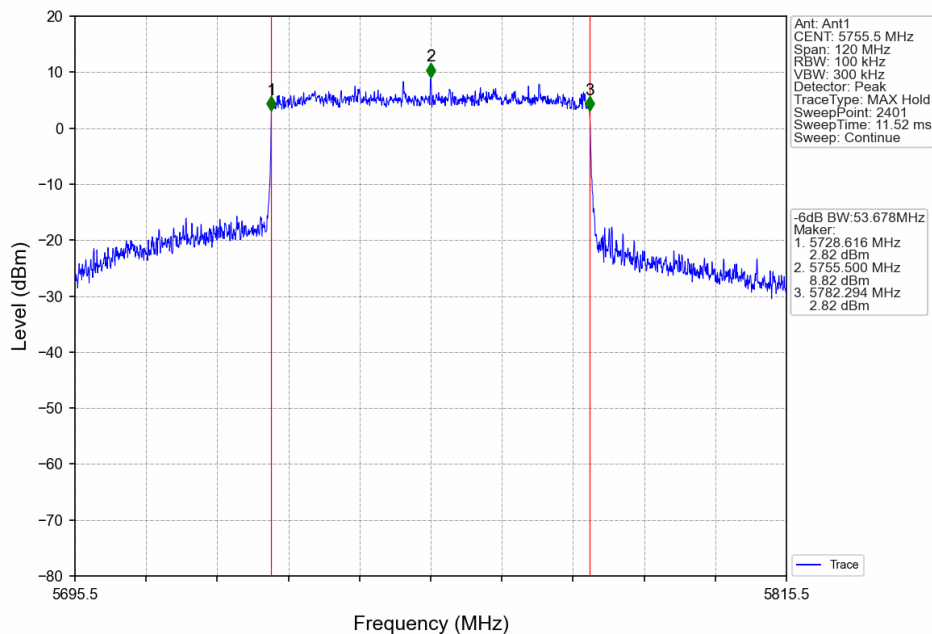
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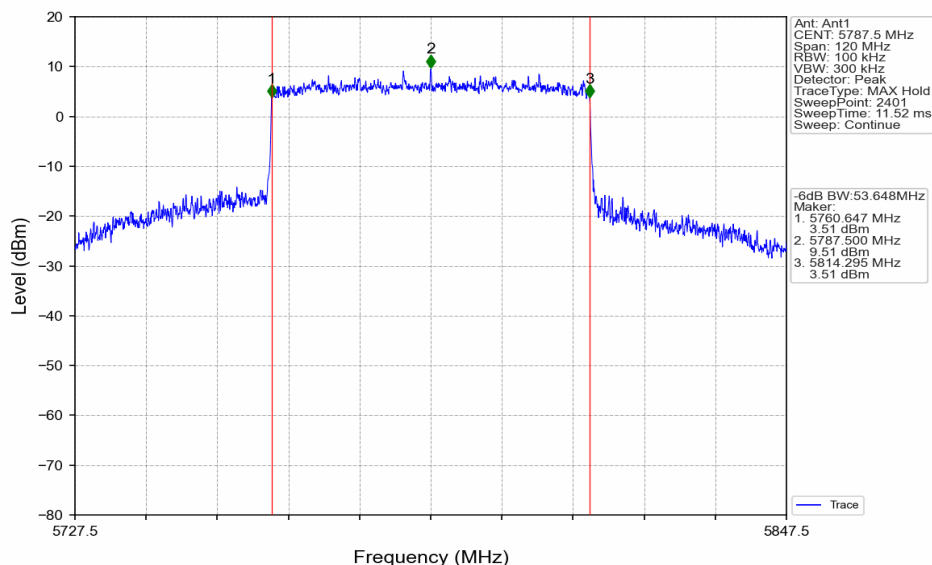
40M_HCH_5829.5MHz_Ant1_NTNV



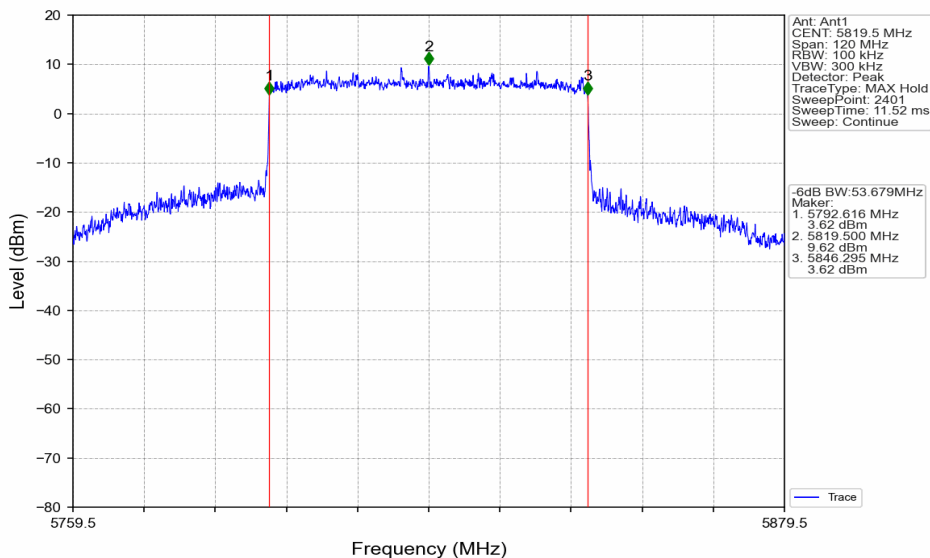
60M_LCH_5755.5MHz_Ant1_NTNV



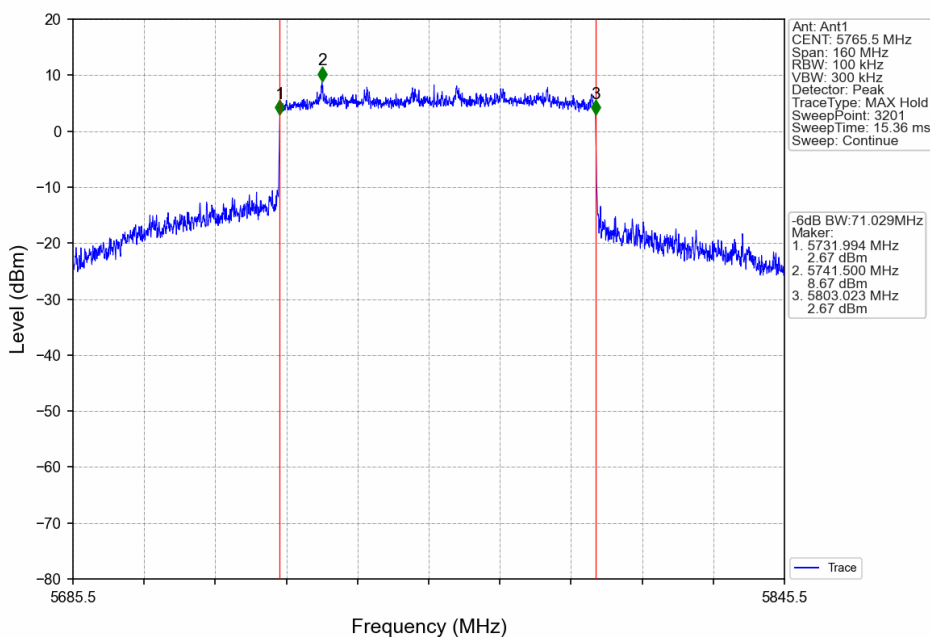
60M_MCH_5787.5MHz_Ant1_NTNV



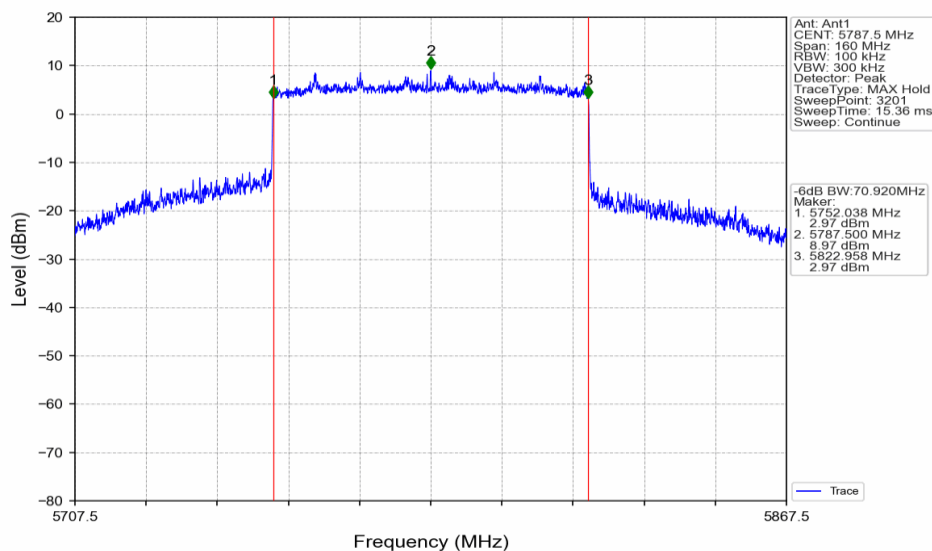
60M_HCH_5819.5MHz_Ant1_NTNV



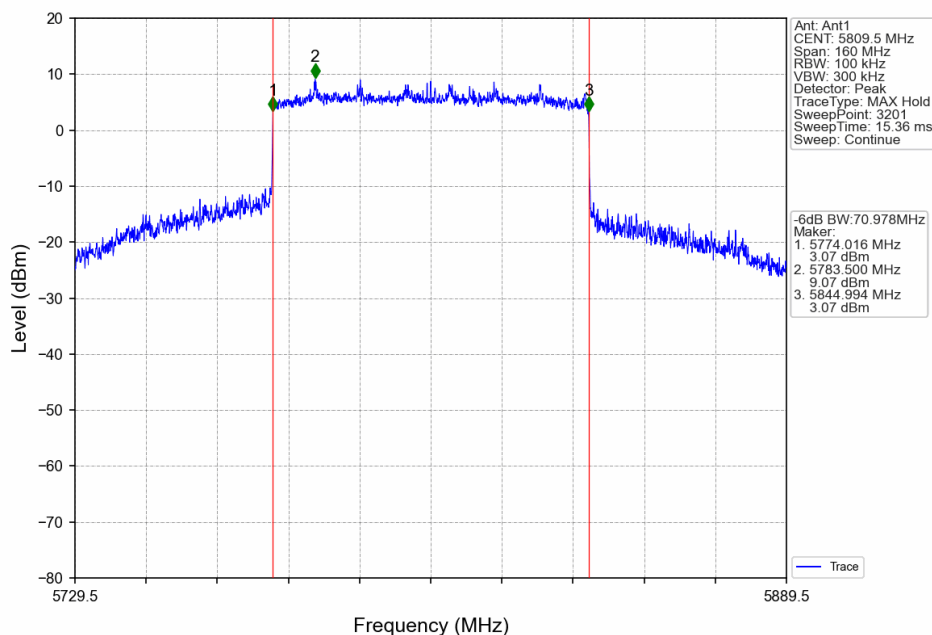
80M_LCH_5765.5MHz_Ant1_NTNV



80M_MCH_5787.5MHz_Ant1_NTNV



80M_HCH_5809.5MHz_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	ANT2	MIMO	Limit	
1.4M	MIMO	5728.5	24.92	24.80	27.87	<=30	Pass
		5786.5	24.57	24.30	27.45	<=30	Pass
		5846.12	25.67	24.77	28.25	<=30	Pass
3M	MIMO	5727.5	25.62	23.48	27.69	<=30	Pass
		5784.5	24.84	23.98	27.44	<=30	Pass
		5847.2	26.39	25.23	28.86	<=30	Pass
5M	MIMO	5732.5	25.21	24.73	27.99	<=30	Pass
		5782.5	25.13	24.97	28.06	<=30	Pass
		5842.5	25.56	24.34	28.00	<=30	Pass
10M	MIMO	5730.5	25.59	25.46	28.54	<=30	Pass
		5787.5	25.39	25.31	28.36	<=30	Pass
		5844.5	25.75	24.91	28.36	<=30	Pass
20M	MIMO	5735.5	26.10	25.83	28.98	<=30	Pass
		5787.5	25.96	25.88	28.93	<=30	Pass
		5839.5	26.40	25.19	28.85	<=30	Pass
40M	MIMO	5745.5	25.07	24.15	27.64	<=30	Pass
		5787.5	26.11	25.61	28.88	<=30	Pass
		5829.5	24.30	22.79	26.62	<=30	Pass
60M	MIMO	5755.5	25.12	24.10	27.65	<=30	Pass
		5787.5	25.09	24.30	27.72	<=30	Pass
		5819.5	25.30	24.51	27.93	<=30	Pass
80M	MIMO	5765.5	25.85	24.82	28.38	<=30	Pass
		5787.5	25.79	25.03	28.44	<=30	Pass
		5809.5	26.15	25.44	28.82	<=30	Pass

Note1: Antenna Gain: ANT1&ANT2: 3dBi;
directional gain (dBi) = gain of individual transmit antennas (dBi) + array gain (dB)=3dBi
Array Gain = 0 dB for $N_{ANT} \leq 4$

4. Maximum Power Spectral Density

4.1 PSD-Band3

4.1.1 Test Result

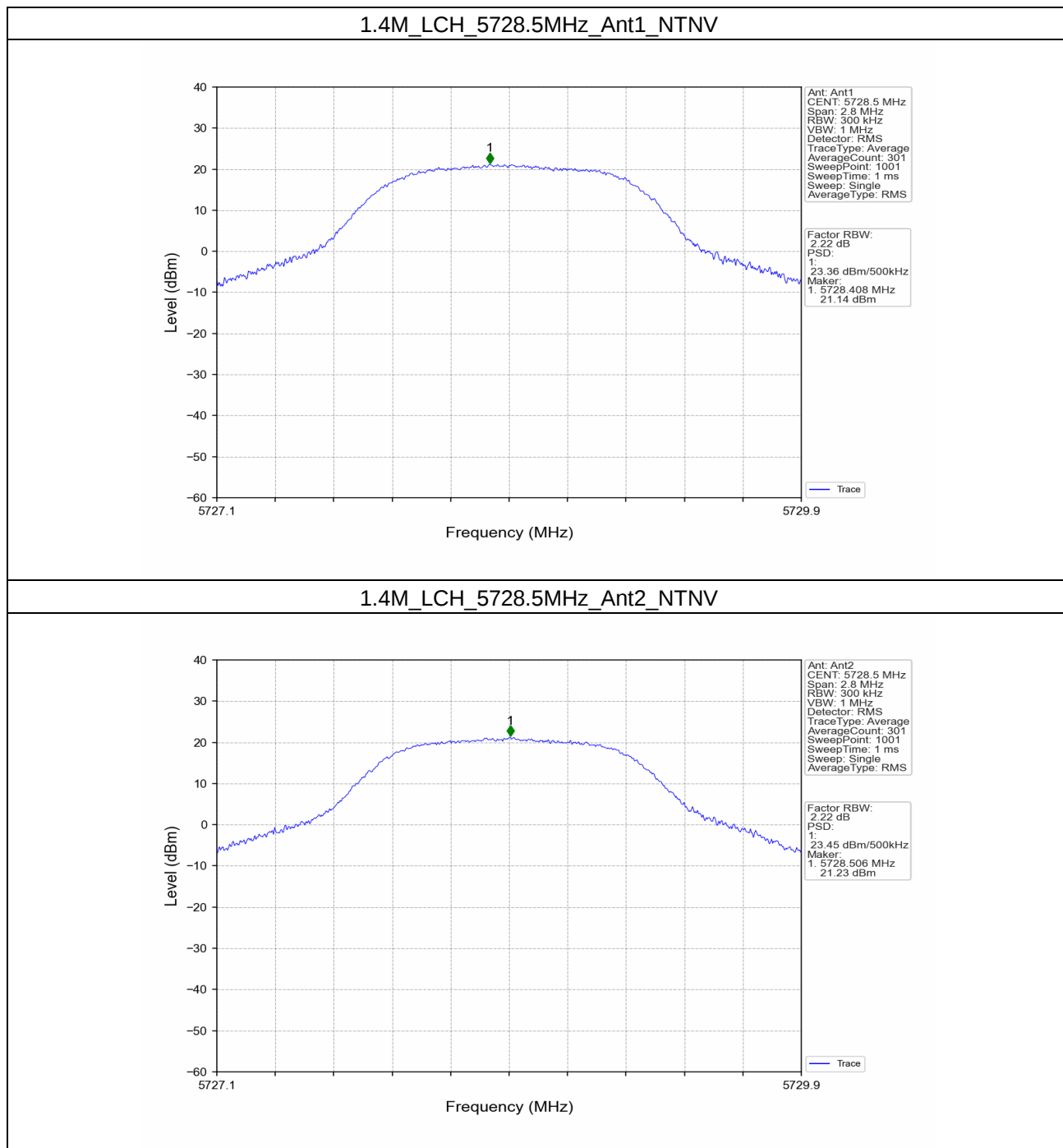
Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)				Verdict
			ANT1	ANT2	MIMO	Limit	
1.4M	MIMO	5728.5	23.36	23.45	26.29	<=29.99	Pass
		5786.5	23.31	23.06	26.08	<=29.99	Pass
		5846.12	24.09	23.26	26.58	<=29.99	Pass
3M	MIMO	5727.5	22.20	19.67	24.13	<=29.99	Pass
		5784.5	21.60	21.71	24.52	<=29.99	Pass
		5847.2	21.41	20.42	23.75	<=29.99	Pass
5M	MIMO	5732.5	17.00	16.73	19.75	<=29.99	Pass
		5782.5	17.14	16.88	19.78	<=29.99	Pass
		5842.5	17.55	16.32	19.71	<=29.99	Pass
10M	MIMO	5730.5	16.62	18.27	20.53	<=29.99	Pass
		5787.5	16.48	18.09	20.37	<=29.99	Pass
		5844.5	16.82	17.89	20.32	<=29.99	Pass
20M	MIMO	5735.5	13.27	13.96	16.57	<=29.99	Pass
		5787.5	11.60	13.81	15.54	<=29.99	Pass
		5839.5	12.12	12.74	14.92	<=29.99	Pass
40M	MIMO	5745.5	8.55	8.20	11.37	<=29.99	Pass
		5787.5	13.05	11.62	15.40	<=29.99	Pass
		5829.5	7.31	7.58	9.87	<=29.99	Pass
60M	MIMO	5755.5	8.41	6.46	10.55	<=29.99	Pass
		5787.5	8.33	7.21	10.82	<=29.99	Pass
		5819.5	8.34	7.03	10.74	<=29.99	Pass
80M	MIMO	5765.5	5.72	7.32	9.58	<=29.99	Pass
		5787.5	7.87	7.53	10.71	<=29.99	Pass
		5809.5	7.47	12.35	13.57	<=29.99	Pass

Note1: Antenna Gain: ANT1&ANT2: 3dBi;

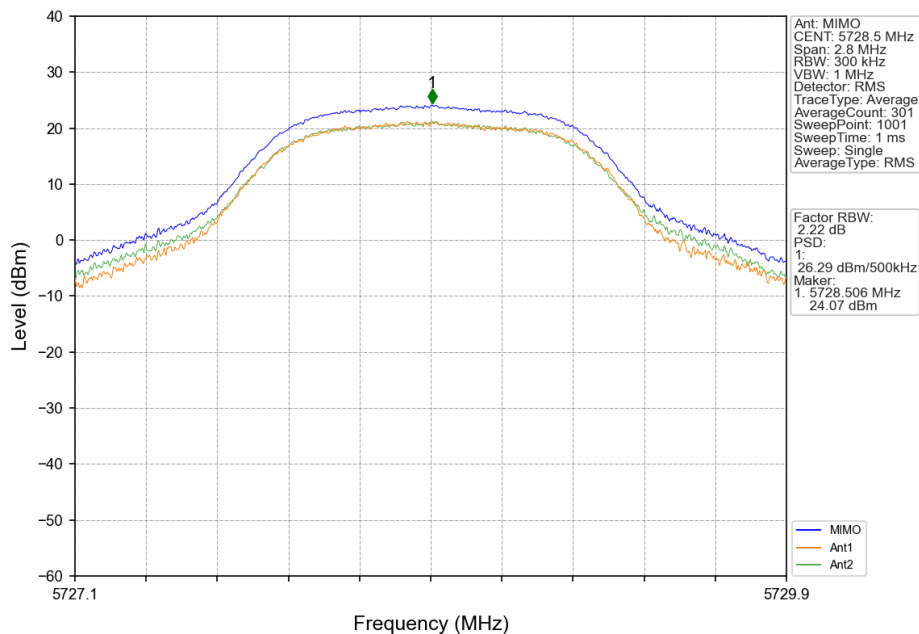
directional gain (dBi) = gain of individual transmit antennas (dBi) + array gain (dB)=6.01dBi

Array gain = 10 log(N_{ANT}), where N_{ANT} is the number of transmit antennas

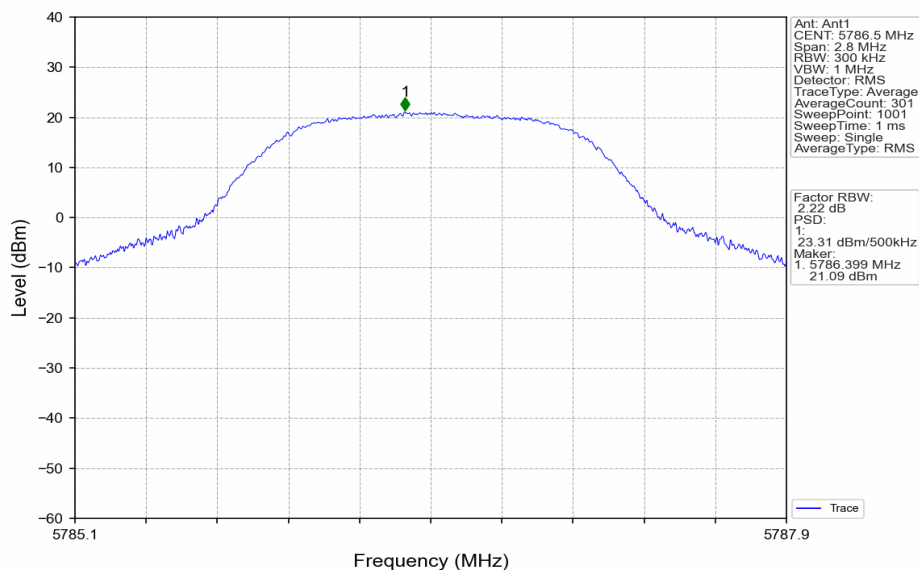
4.1.2 Test Graph



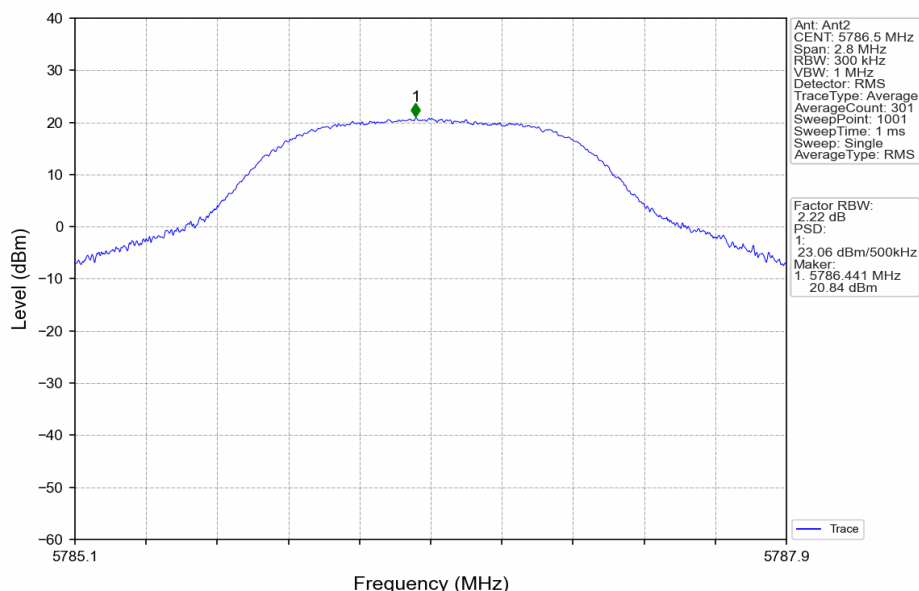
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1.4M_MCH_5786.5MHz_Ant1_NTNV



1.4M_MCH_5786.5MHz_Ant2_NTNV



1.4M_MCH_5786.5MHz_MIMO_NTNV

