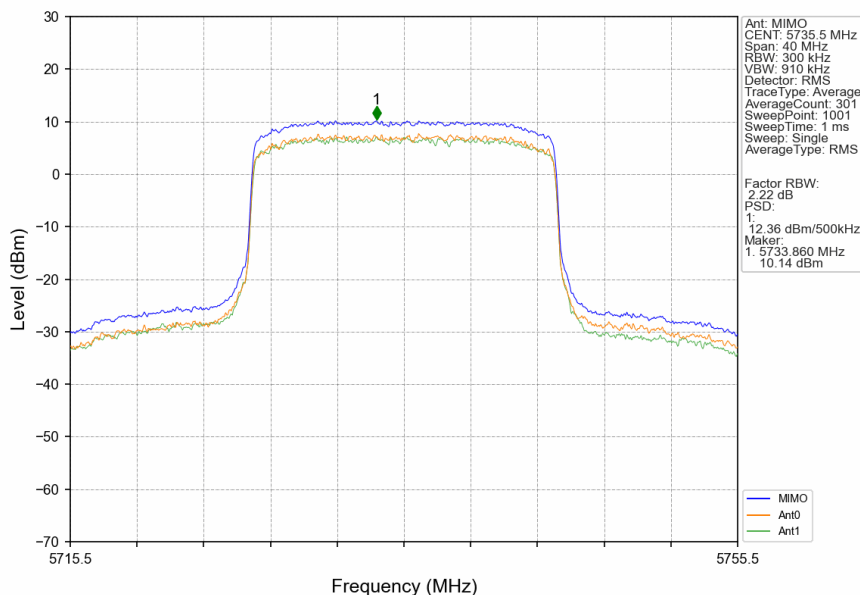
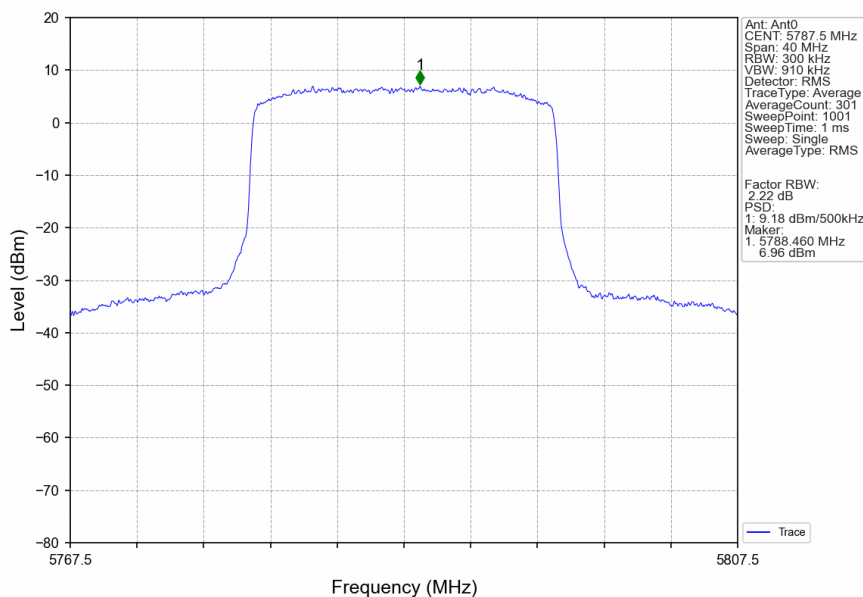


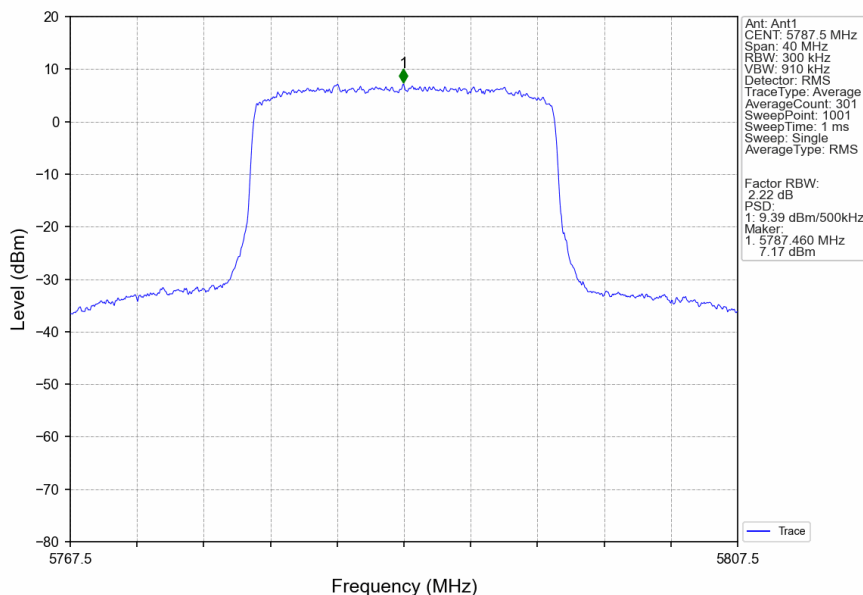
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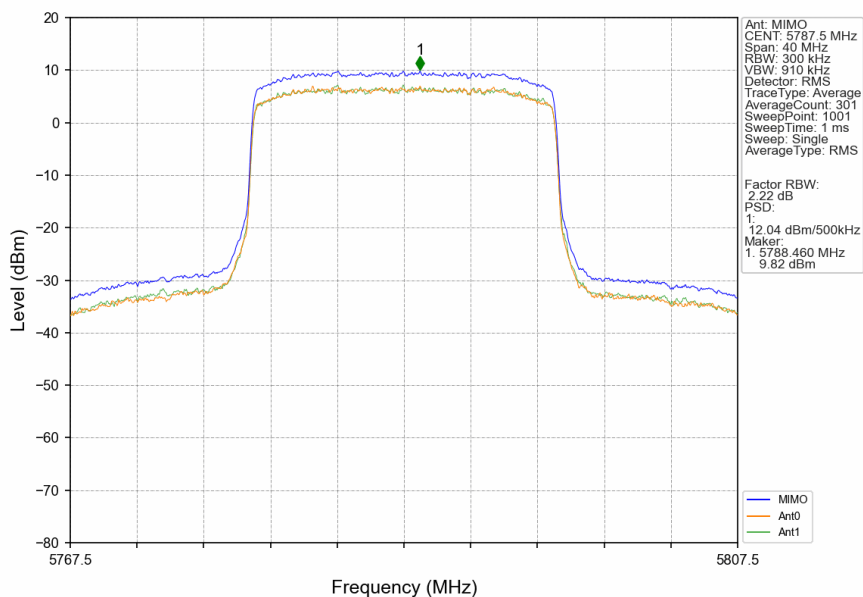
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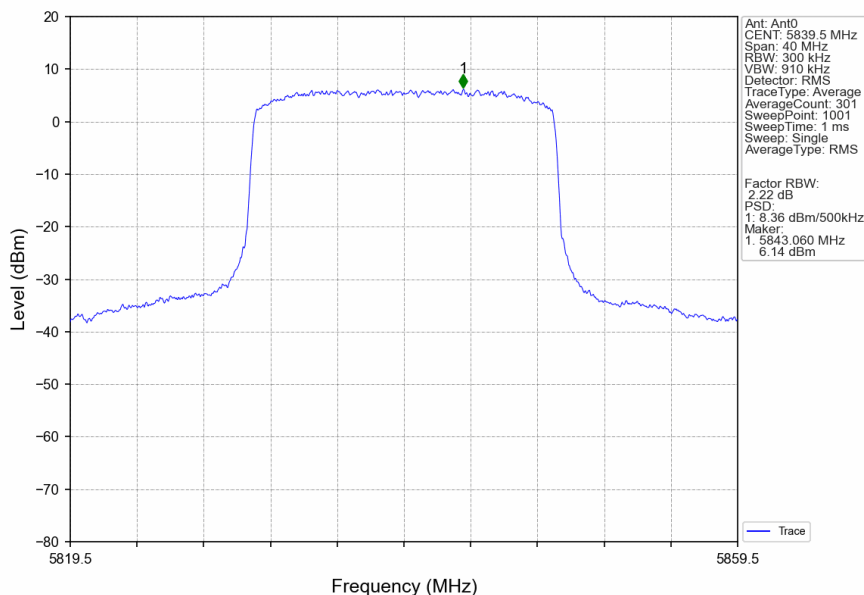
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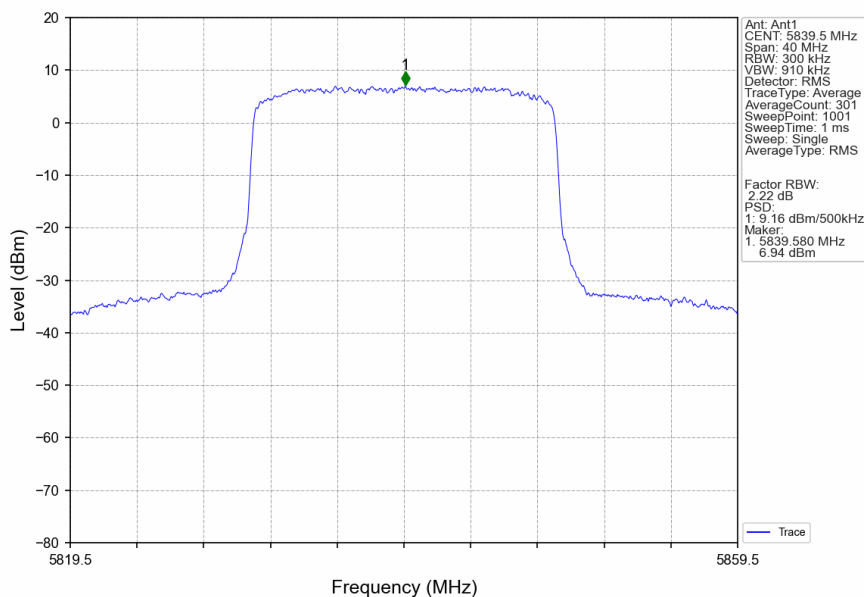
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20M\_HCH\_5839.5MHz\_Ant0\_NTNV



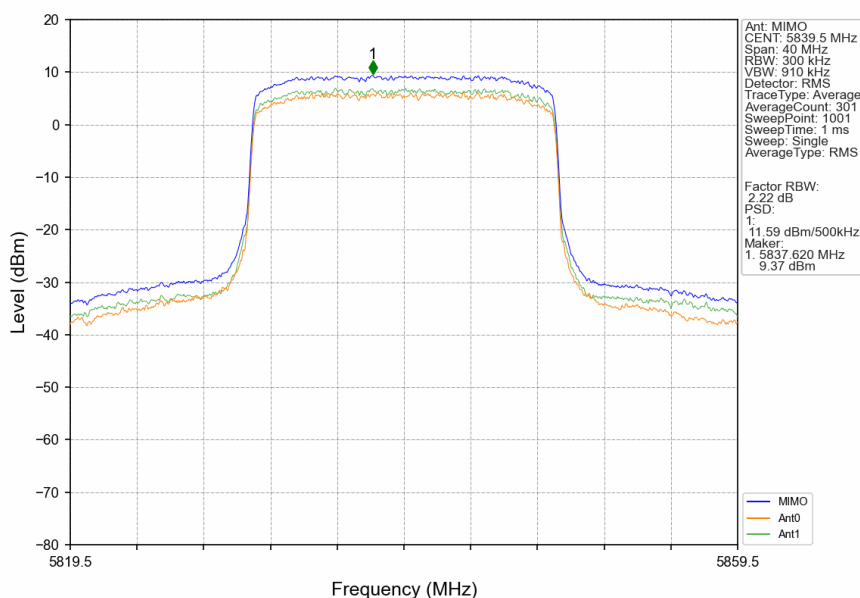
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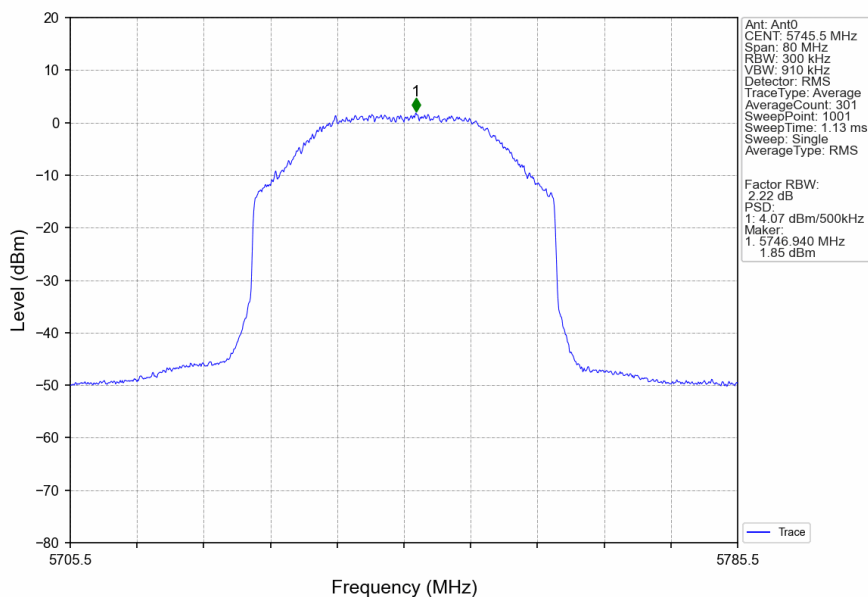
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### 20M\_HCH\_5839.5MHz\_MIMO\_NTNV



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



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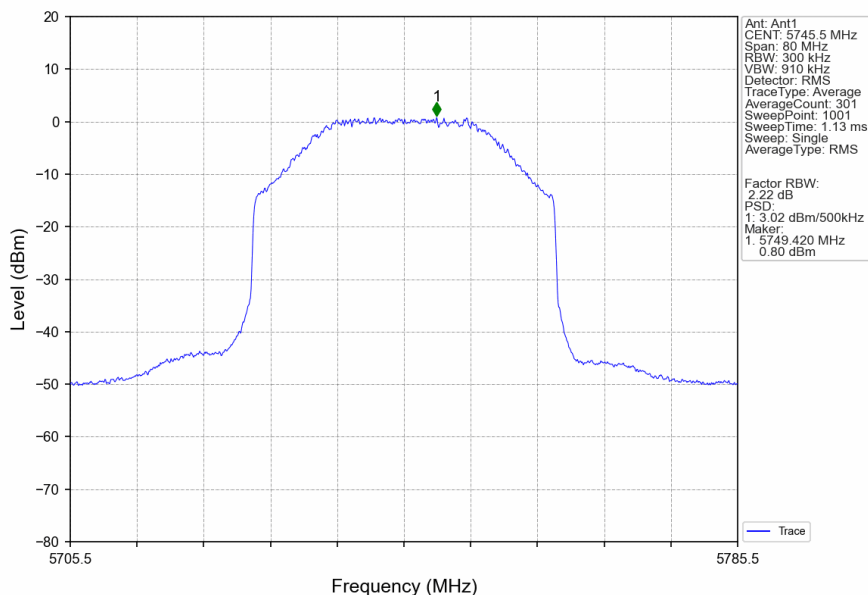
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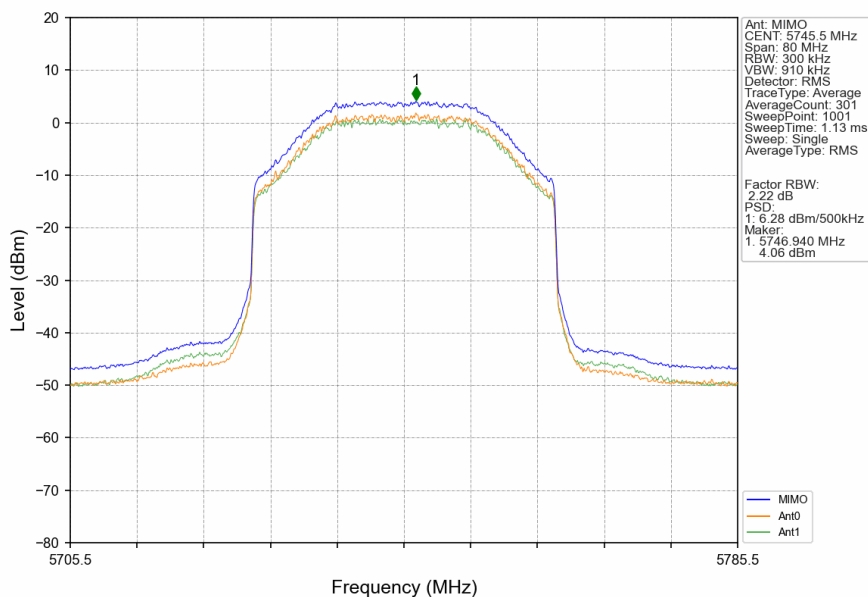
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40M\_LCH\_5745.5MHz\_Ant1\_NTNV



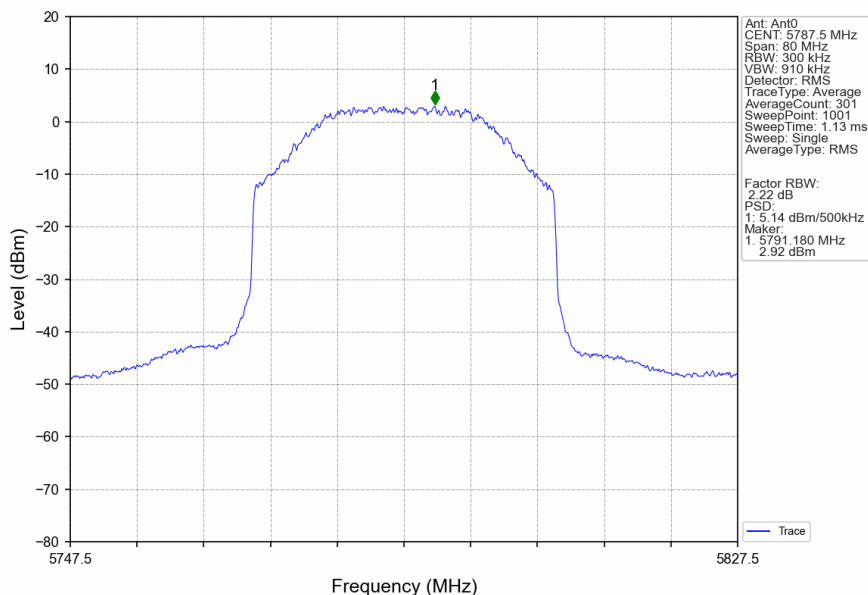
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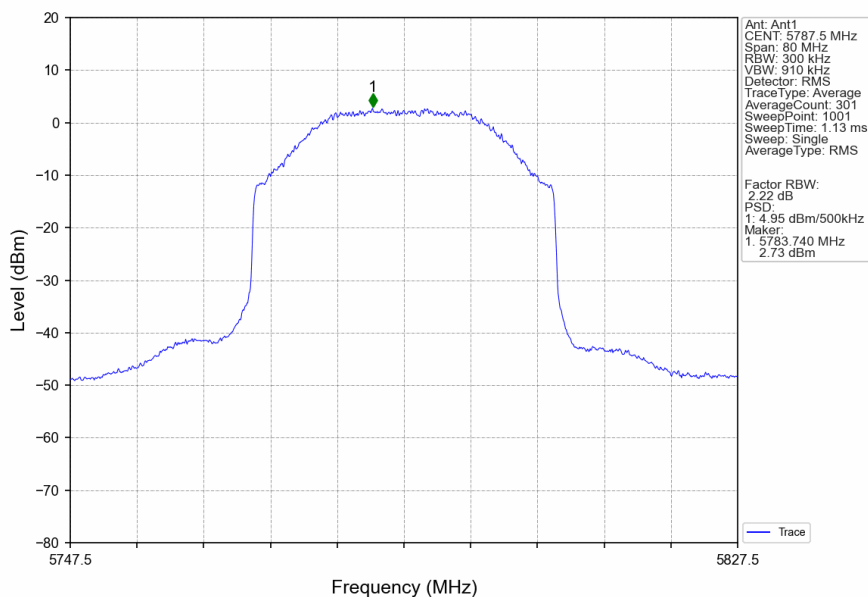
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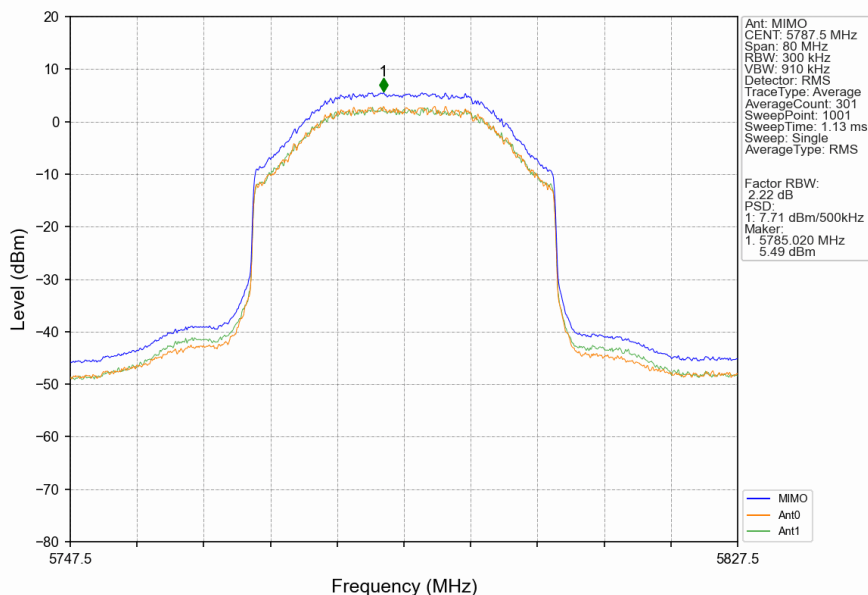
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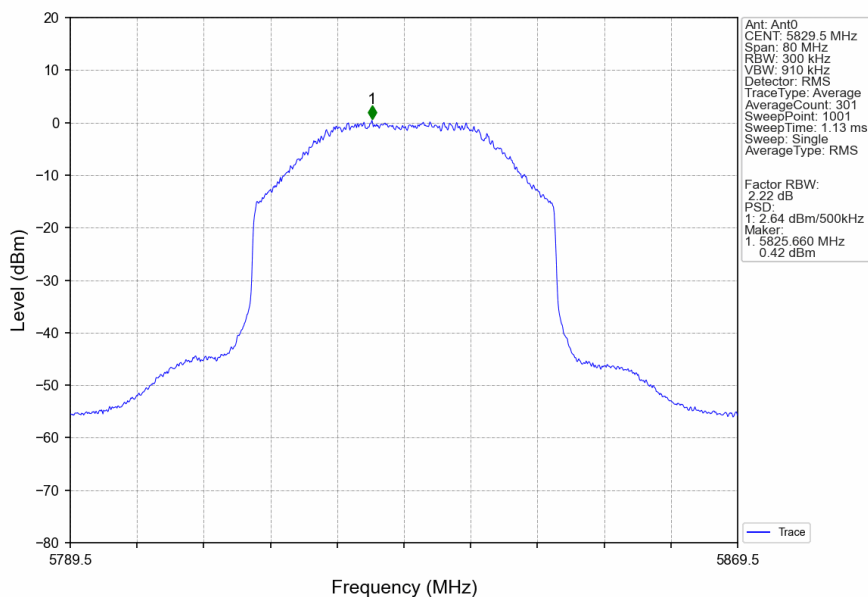
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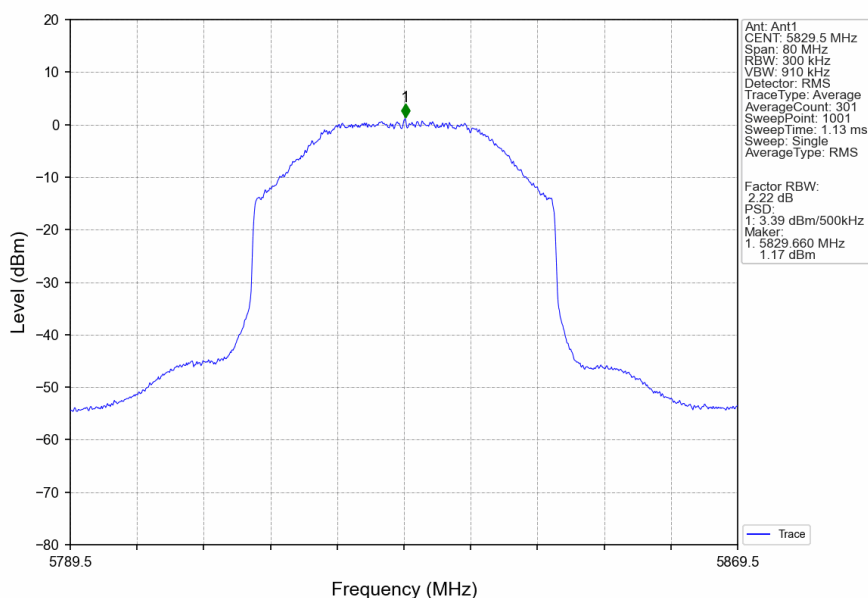
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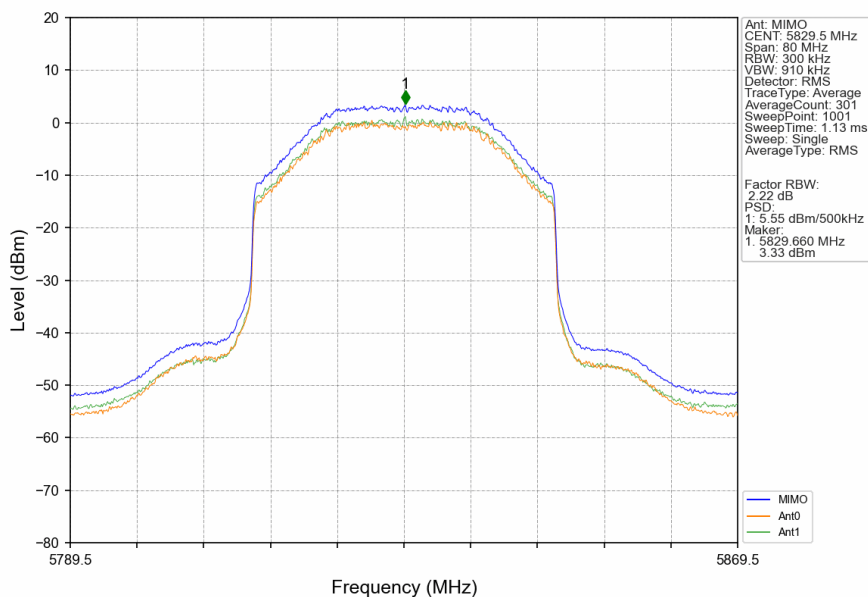
40M\_HCH\_5829.5MHz\_Ant0\_NTNV



40M\_HCH\_5829.5MHz\_Ant1\_NTNV



40M\_HCH\_5829.5MHz\_MIMO\_NTNV



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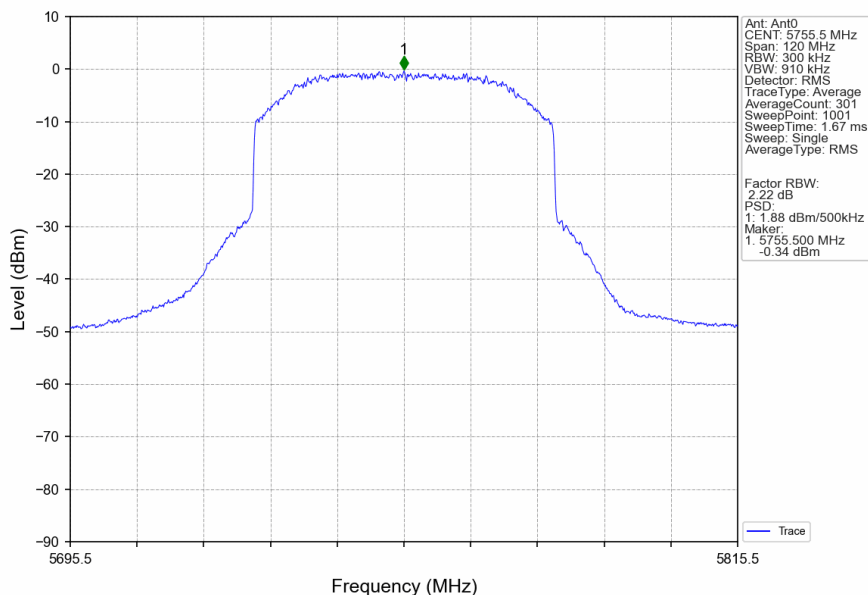
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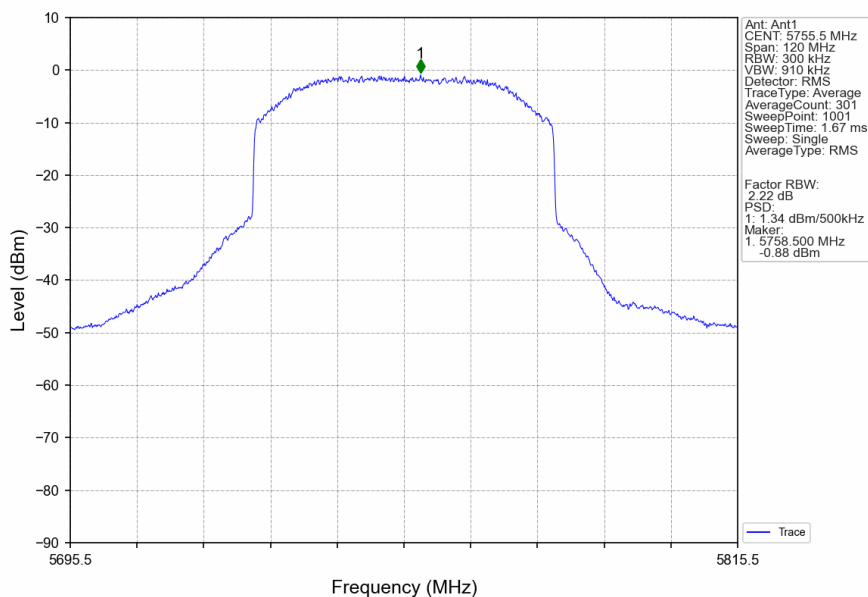
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60M\_LCH\_5755.5MHz\_Ant0\_NTNV



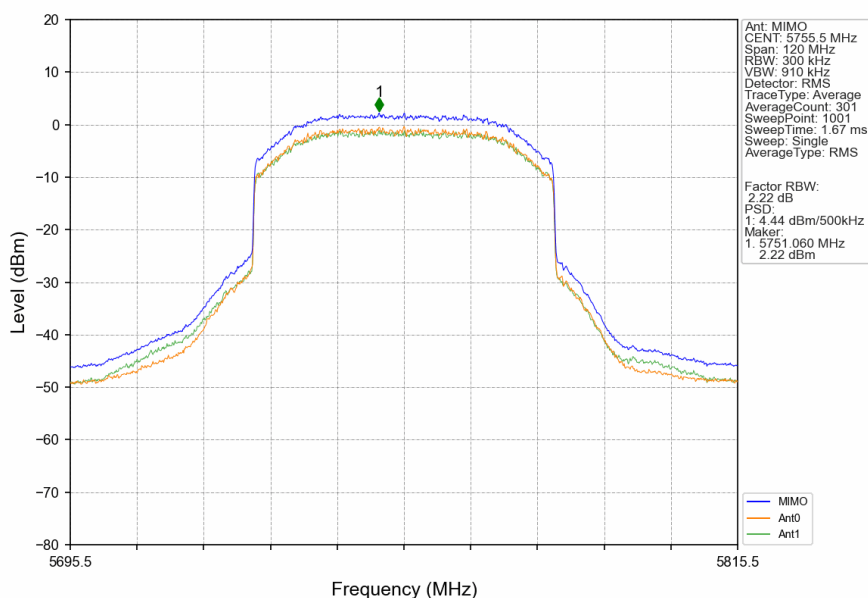
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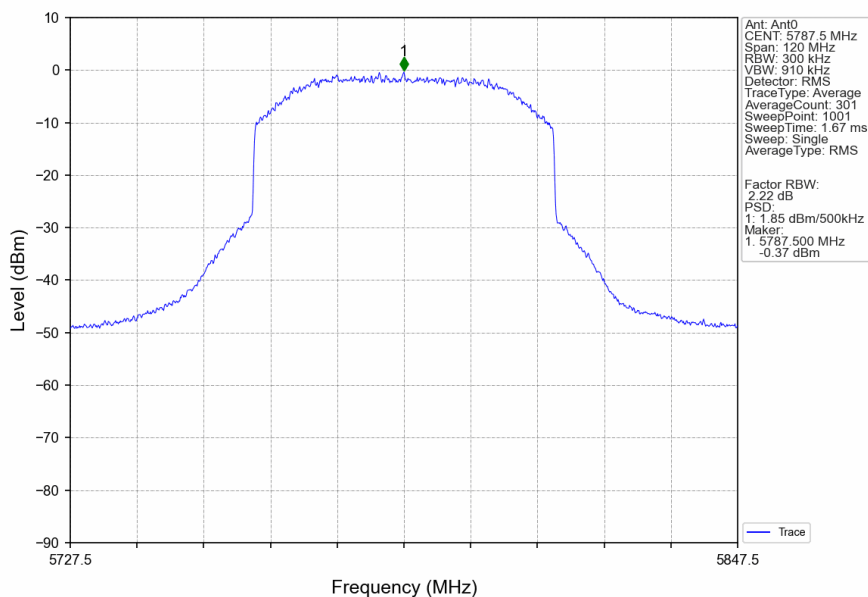
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60M\_LCH\_5755.5MHz\_MIMO\_NTNV



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



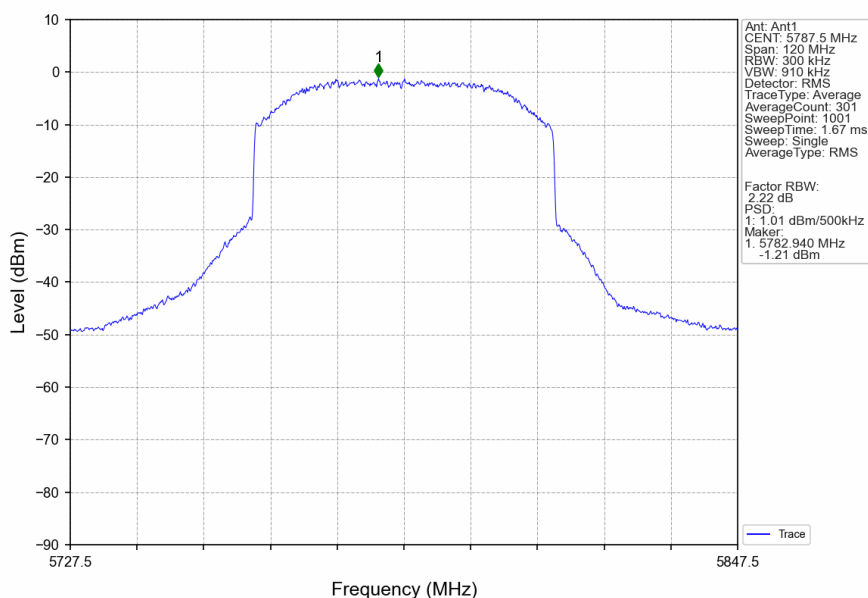
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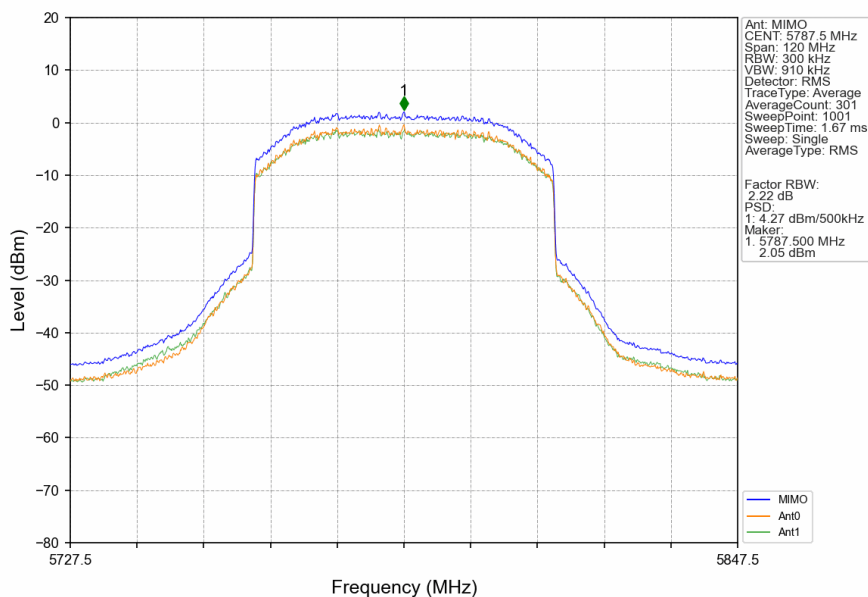
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60M\_MCH\_5787.5MHz\_Ant1\_NTNV



60M\_MCH\_5787.5MHz\_MIMO\_NTNV



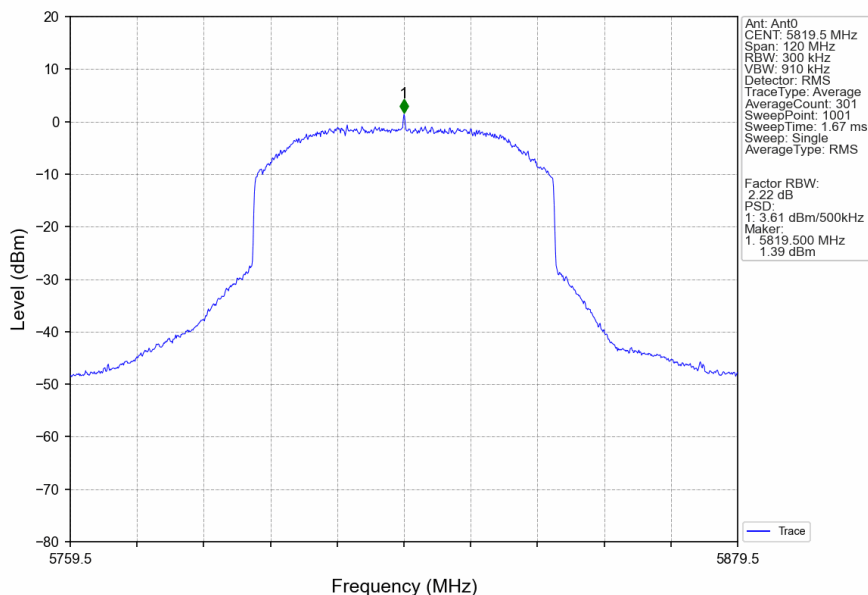
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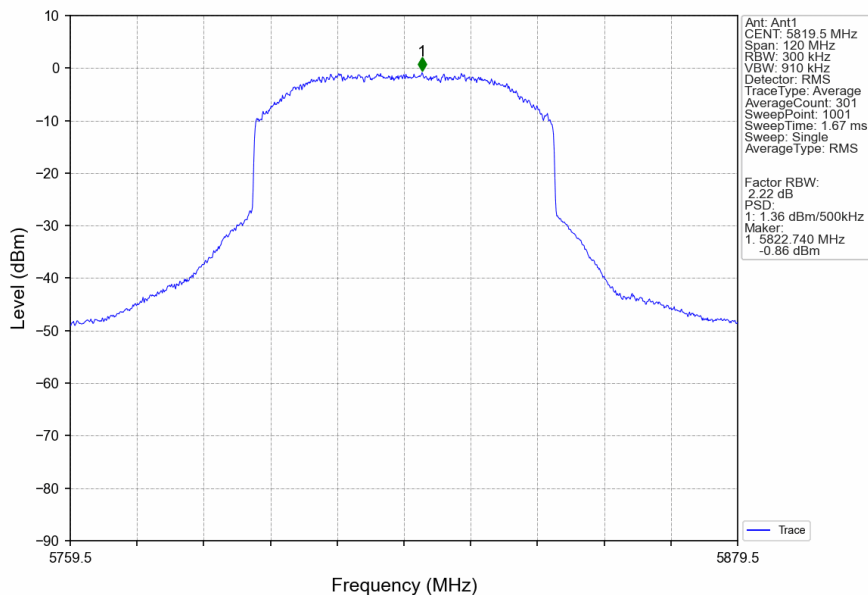
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60M\_HCH\_5819.5MHz\_Ant0\_NTNV



60M\_HCH\_5819.5MHz\_Ant1\_NTNV

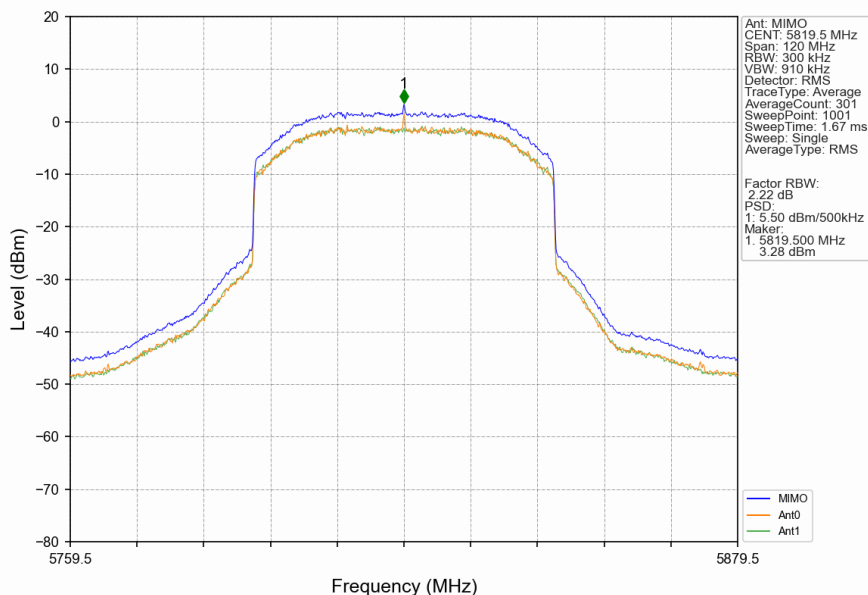


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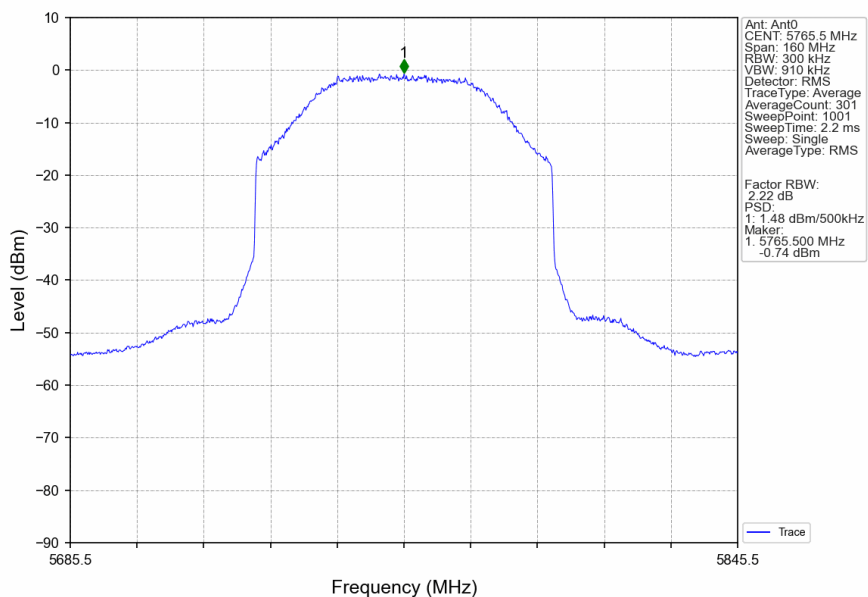
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### 60M\_HCH\_5819.5MHz\_MIMO\_NTNV



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



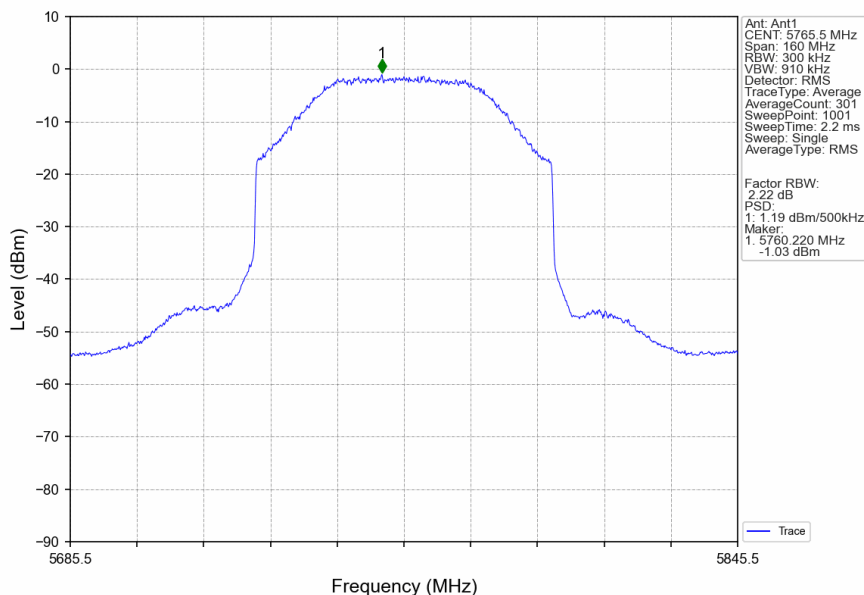
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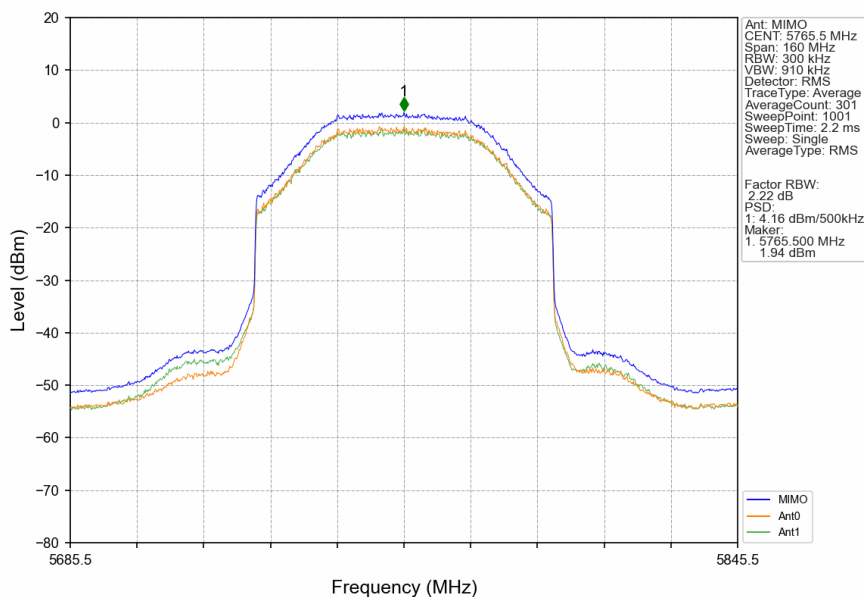
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80M\_LCH\_5765.5MHz\_Ant1\_NTNV



80M\_LCH\_5765.5MHz\_MIMO\_NTNV



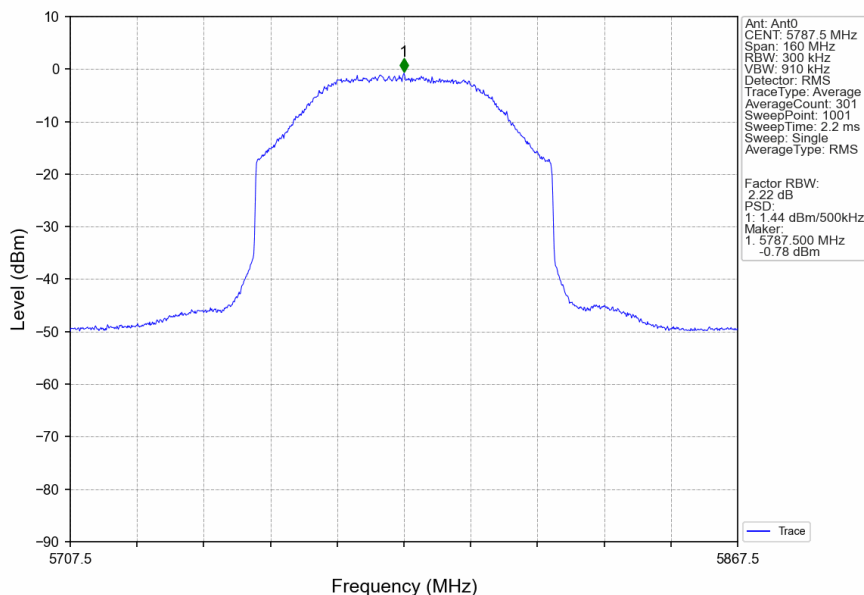
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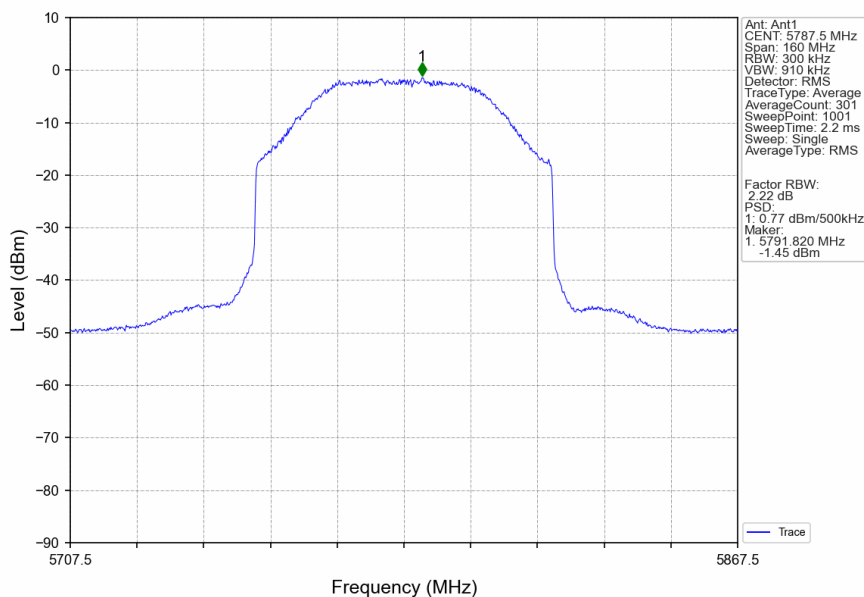
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80M\_MCH\_5787.5MHz\_Ant0\_NTNV



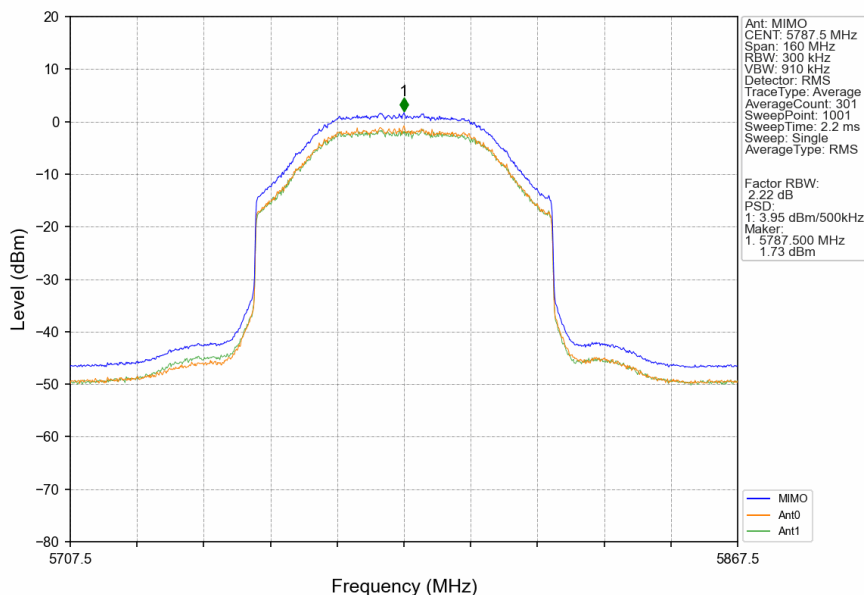
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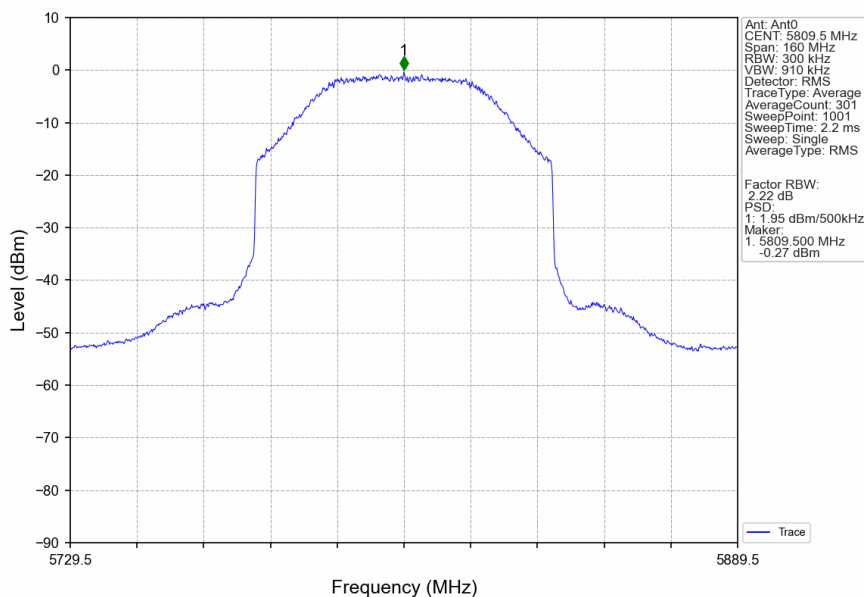
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80M\_MCH\_5787.5MHz\_MIMO\_NTNV

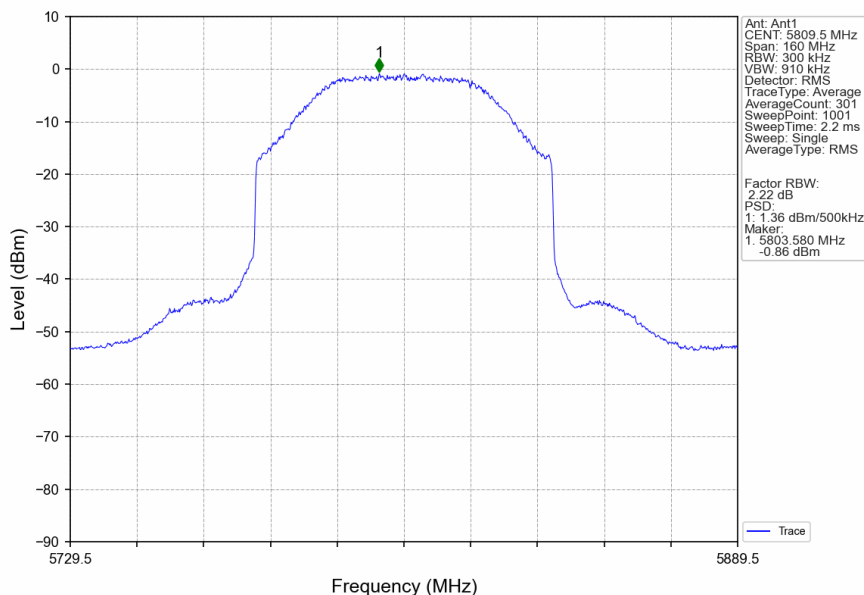


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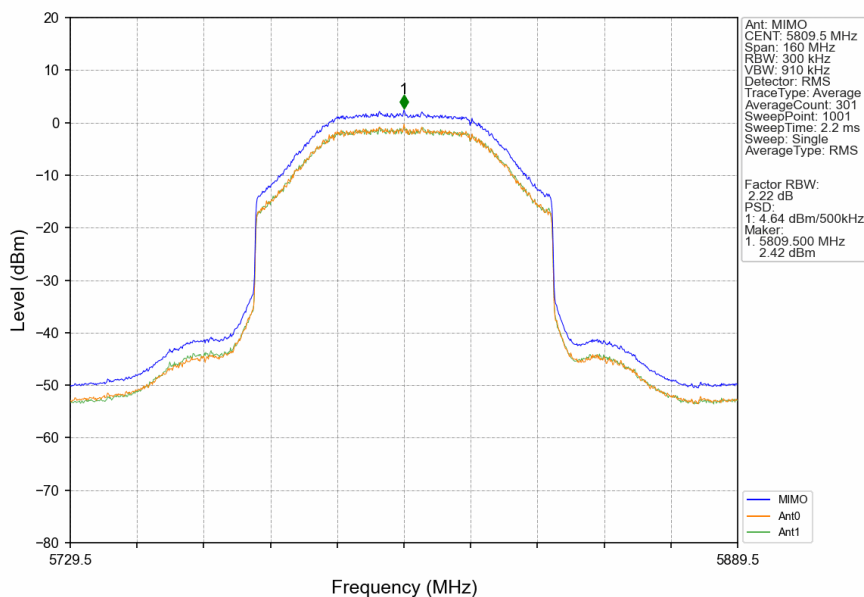




80M\_HCH\_5809.5MHz\_Ant1\_NTNV



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### 5. Frequency Stability

#### 5.1 Test Result

##### 5.1.1 Ant0

Ant0							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
1.4M	MIMO	5728.5	20	3.24	5728.490	5725 to 5850	Pass
				3.6	5728.493	5725 to 5850	Pass
				3.96	5728.493	5725 to 5850	Pass
			-30	3.6	5728.486	5725 to 5850	Pass
			-20	3.6	5728.497	5725 to 5850	Pass
			-10	3.6	5728.490	5725 to 5850	Pass
			0	3.6	5728.494	5725 to 5850	Pass
			10	3.6	5728.486	5725 to 5850	Pass
			30	3.6	5728.492	5725 to 5850	Pass
			40	3.6	5728.489	5725 to 5850	Pass
			50	3.6	5728.490	5725 to 5850	Pass
		5786.5	20	3.24	5786.489	5725 to 5850	Pass
				3.6	5786.487	5725 to 5850	Pass
				3.96	5786.489	5725 to 5850	Pass
			-30	3.6	5786.486	5725 to 5850	Pass
			-20	3.6	5786.487	5725 to 5850	Pass
			-10	3.6	5786.489	5725 to 5850	Pass
			0	3.6	5786.489	5725 to 5850	Pass
			10	3.6	5786.492	5725 to 5850	Pass
			30	3.6	5786.487	5725 to 5850	Pass
			40	3.6	5786.492	5725 to 5850	Pass
			50	3.6	5786.487	5725 to 5850	Pass
		5846.12	20	3.24	5846.107	5725 to 5850	Pass
				3.6	5846.106	5725 to 5850	Pass
				3.96	5846.109	5725 to 5850	Pass
			-30	3.6	5846.107	5725 to 5850	Pass
			-20	3.6	5846.103	5725 to 5850	Pass
			-10	3.6	5846.112	5725 to 5850	Pass
			0	3.6	5846.110	5725 to 5850	Pass
			10	3.6	5846.105	5725 to 5850	Pass



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			30	3.6	5846.107	5725 to 5850	Pass
			40	3.6	5846.103	5725 to 5850	Pass
			50	3.6	5846.105	5725 to 5850	Pass
3M	MIMO	5727.5	20	3.24	5727.476	5725 to 5850	Pass
				3.6	5727.524	5725 to 5850	Pass
				3.96	5727.491	5725 to 5850	Pass
			-30	3.6	5727.512	5725 to 5850	Pass
			-20	3.6	5727.509	5725 to 5850	Pass
			-10	3.6	5727.521	5725 to 5850	Pass
			0	3.6	5727.539	5725 to 5850	Pass
			10	3.6	5727.521	5725 to 5850	Pass
			30	3.6	5727.476	5725 to 5850	Pass
			40	3.6	5727.506	5725 to 5850	Pass
			50	3.6	5727.506	5725 to 5850	Pass
		5784.5	20	3.24	5784.497	5725 to 5850	Pass
				3.6	5784.488	5725 to 5850	Pass
				3.96	5784.506	5725 to 5850	Pass
			-30	3.6	5784.503	5725 to 5850	Pass
			-20	3.6	5784.494	5725 to 5850	Pass
			-10	3.6	5784.512	5725 to 5850	Pass
			0	3.6	5784.506	5725 to 5850	Pass
			10	3.6	5784.488	5725 to 5850	Pass
			30	3.6	5784.491	5725 to 5850	Pass
			40	3.6	5784.485	5725 to 5850	Pass
			50	3.6	5784.494	5725 to 5850	Pass
		5847.2	20	3.24	5847.185	5725 to 5850	Pass
				3.6	5847.206	5725 to 5850	Pass
				3.96	5847.188	5725 to 5850	Pass
			-30	3.6	5847.194	5725 to 5850	Pass
			-20	3.6	5847.176	5725 to 5850	Pass
			-10	3.6	5847.200	5725 to 5850	Pass
			0	3.6	5847.212	5725 to 5850	Pass
			10	3.6	5847.236	5725 to 5850	Pass
			30	3.6	5847.203	5725 to 5850	Pass
			40	3.6	5847.194	5725 to 5850	Pass
			50	3.6	5847.200	5725 to 5850	Pass
5M	MIMO	5732.5	20	3.24	5732.500	5725 to 5850	Pass
				3.6	5732.490	5725 to 5850	Pass
				3.96	5732.515	5725 to 5850	Pass
			-30	3.6	5732.515	5725 to 5850	Pass



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			-20	3.6	5732.520	5725 to 5850	Pass
			-10	3.6	5732.510	5725 to 5850	Pass
			0	3.6	5732.510	5725 to 5850	Pass
			10	3.6	5732.490	5725 to 5850	Pass
			30	3.6	5732.490	5725 to 5850	Pass
			40	3.6	5732.505	5725 to 5850	Pass
			50	3.6	5732.515	5725 to 5850	Pass
		5782.5	20	3.24	5782.505	5725 to 5850	Pass
				3.6	5782.490	5725 to 5850	Pass
				3.96	5782.490	5725 to 5850	Pass
			-30	3.6	5782.510	5725 to 5850	Pass
			-20	3.6	5782.490	5725 to 5850	Pass
			-10	3.6	5782.485	5725 to 5850	Pass
			0	3.6	5782.505	5725 to 5850	Pass
			10	3.6	5782.510	5725 to 5850	Pass
			30	3.6	5782.495	5725 to 5850	Pass
			40	3.6	5782.490	5725 to 5850	Pass
			50	3.6	5782.510	5725 to 5850	Pass
		5842.5	20	3.24	5842.495	5725 to 5850	Pass
				3.6	5842.515	5725 to 5850	Pass
				3.96	5842.500	5725 to 5850	Pass
			-30	3.6	5842.495	5725 to 5850	Pass
			-20	3.6	5842.520	5725 to 5850	Pass
			-10	3.6	5842.515	5725 to 5850	Pass
			0	3.6	5842.525	5725 to 5850	Pass
			10	3.6	5842.510	5725 to 5850	Pass
			30	3.6	5842.520	5725 to 5850	Pass
			40	3.6	5842.505	5725 to 5850	Pass
			50	3.6	5842.480	5725 to 5850	Pass
		5730.5	20	3.24	5730.510	5725 to 5850	Pass
				3.6	5730.500	5725 to 5850	Pass
				3.96	5730.520	5725 to 5850	Pass
			-30	3.6	5730.510	5725 to 5850	Pass
			-20	3.6	5730.520	5725 to 5850	Pass
			-10	3.6	5730.520	5725 to 5850	Pass
			0	3.6	5730.510	5725 to 5850	Pass
			10	3.6	5730.520	5725 to 5850	Pass
			30	3.6	5730.500	5725 to 5850	Pass
			40	3.6	5730.520	5725 to 5850	Pass
			50	3.6	5730.510	5725 to 5850	Pass



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		5787.5	20	3.24	5787.500	5725 to 5850	Pass
				3.6	5787.530	5725 to 5850	Pass
				3.96	5787.500	5725 to 5850	Pass
			-30	3.6	5787.520	5725 to 5850	Pass
			-20	3.6	5787.520	5725 to 5850	Pass
			-10	3.6	5787.510	5725 to 5850	Pass
			0	3.6	5787.520	5725 to 5850	Pass
			10	3.6	5787.520	5725 to 5850	Pass
			30	3.6	5787.510	5725 to 5850	Pass
			40	3.6	5787.520	5725 to 5850	Pass
			50	3.6	5787.520	5725 to 5850	Pass
		5844.5	20	3.24	5844.530	5725 to 5850	Pass
				3.6	5844.520	5725 to 5850	Pass
				3.96	5844.510	5725 to 5850	Pass
			-30	3.6	5844.510	5725 to 5850	Pass
			-20	3.6	5844.500	5725 to 5850	Pass
			-10	3.6	5844.500	5725 to 5850	Pass
			0	3.6	5844.510	5725 to 5850	Pass
			10	3.6	5844.530	5725 to 5850	Pass
			30	3.6	5844.500	5725 to 5850	Pass
			40	3.6	5844.520	5725 to 5850	Pass
			50	3.6	5844.510	5725 to 5850	Pass
20M	MIMO	5735.5	20	3.24	5735.500	5725 to 5850	Pass
				3.6	5735.500	5725 to 5850	Pass
				3.96	5735.520	5725 to 5850	Pass
			-30	3.6	5735.520	5725 to 5850	Pass
			-20	3.6	5735.520	5725 to 5850	Pass
			-10	3.6	5735.500	5725 to 5850	Pass
			0	3.6	5735.520	5725 to 5850	Pass
			10	3.6	5735.480	5725 to 5850	Pass
			30	3.6	5735.500	5725 to 5850	Pass
			40	3.6	5735.520	5725 to 5850	Pass
			50	3.6	5735.520	5725 to 5850	Pass
		5787.5	20	3.24	5787.500	5725 to 5850	Pass
				3.6	5787.500	5725 to 5850	Pass
				3.96	5787.520	5725 to 5850	Pass
			-30	3.6	5787.520	5725 to 5850	Pass
			-20	3.6	5787.520	5725 to 5850	Pass
			-10	3.6	5787.500	5725 to 5850	Pass
			0	3.6	5787.520	5725 to 5850	Pass



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			10	3.6	5787.520	5725 to 5850	Pass
			30	3.6	5787.520	5725 to 5850	Pass
			40	3.6	5787.520	5725 to 5850	Pass
			50	3.6	5787.540	5725 to 5850	Pass
		5839.5	20	3.24	5839.500	5725 to 5850	Pass
				3.6	5839.500	5725 to 5850	Pass
				3.96	5839.520	5725 to 5850	Pass
			-30	3.6	5839.540	5725 to 5850	Pass
			-20	3.6	5839.520	5725 to 5850	Pass
			-10	3.6	5839.520	5725 to 5850	Pass
			0	3.6	5839.500	5725 to 5850	Pass
			10	3.6	5839.500	5725 to 5850	Pass
			30	3.6	5839.500	5725 to 5850	Pass
			40	3.6	5839.500	5725 to 5850	Pass
			50	3.6	5839.520	5725 to 5850	Pass
40M	MIMO	5745.5	20	3.24	5745.460	5725 to 5850	Pass
				3.6	5745.420	5725 to 5850	Pass
				3.96	5745.380	5725 to 5850	Pass
			-30	3.6	5745.500	5725 to 5850	Pass
			-20	3.6	5745.460	5725 to 5850	Pass
			-10	3.6	5745.420	5725 to 5850	Pass
			0	3.6	5745.420	5725 to 5850	Pass
			10	3.6	5745.460	5725 to 5850	Pass
			30	3.6	5745.500	5725 to 5850	Pass
			40	3.6	5745.460	5725 to 5850	Pass
			50	3.6	5745.620	5725 to 5850	Pass
		5787.5	20	3.24	5787.300	5725 to 5850	Pass
				3.6	5787.300	5725 to 5850	Pass
				3.96	5787.340	5725 to 5850	Pass
			-30	3.6	5787.300	5725 to 5850	Pass
			-20	3.6	5787.460	5725 to 5850	Pass
			-10	3.6	5787.460	5725 to 5850	Pass
			0	3.6	5787.380	5725 to 5850	Pass
			10	3.6	5787.380	5725 to 5850	Pass
			30	3.6	5787.460	5725 to 5850	Pass
			40	3.6	5787.500	5725 to 5850	Pass
			50	3.6	5787.460	5725 to 5850	Pass
		5829.5	20	3.24	5829.580	5725 to 5850	Pass
				3.6	5829.540	5725 to 5850	Pass
				3.96	5829.420	5725 to 5850	Pass



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			-30	3.6	5829.540	5725 to 5850	Pass
			-20	3.6	5829.380	5725 to 5850	Pass
			-10	3.6	5829.580	5725 to 5850	Pass
			0	3.6	5829.660	5725 to 5850	Pass
			10	3.6	5829.540	5725 to 5850	Pass
			30	3.6	5829.500	5725 to 5850	Pass
			40	3.6	5829.500	5725 to 5850	Pass
			50	3.6	5829.580	5725 to 5850	Pass
60M	MIMO	5755.5	20	3.24	5755.560	5725 to 5850	Pass
				3.6	5755.620	5725 to 5850	Pass
				3.96	5755.320	5725 to 5850	Pass
			-30	3.6	5755.620	5725 to 5850	Pass
			-20	3.6	5755.500	5725 to 5850	Pass
			-10	3.6	5755.500	5725 to 5850	Pass
			0	3.6	5755.320	5725 to 5850	Pass
			10	3.6	5755.500	5725 to 5850	Pass
			30	3.6	5755.500	5725 to 5850	Pass
			40	3.6	5755.560	5725 to 5850	Pass
			50	3.6	5755.560	5725 to 5850	Pass
		5787.5	20	3.24	5787.500	5725 to 5850	Pass
				3.6	5787.380	5725 to 5850	Pass
				3.96	5787.500	5725 to 5850	Pass
			-30	3.6	5787.320	5725 to 5850	Pass
			-20	3.6	5787.500	5725 to 5850	Pass
			-10	3.6	5787.620	5725 to 5850	Pass
			0	3.6	5787.500	5725 to 5850	Pass
			10	3.6	5787.440	5725 to 5850	Pass
			30	3.6	5787.560	5725 to 5850	Pass
			40	3.6	5787.320	5725 to 5850	Pass
			50	3.6	5787.440	5725 to 5850	Pass
		5819.5	20	3.24	5819.440	5725 to 5850	Pass
				3.6	5819.620	5725 to 5850	Pass
				3.96	5819.380	5725 to 5850	Pass
			-30	3.6	5819.500	5725 to 5850	Pass
			-20	3.6	5819.440	5725 to 5850	Pass
			-10	3.6	5819.500	5725 to 5850	Pass
			0	3.6	5819.440	5725 to 5850	Pass
			10	3.6	5819.440	5725 to 5850	Pass
			30	3.6	5819.500	5725 to 5850	Pass
			40	3.6	5819.380	5725 to 5850	Pass



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			50	3.6	5819.620	5725 to 5850	Pass
80M	MIMO	5765.5	20	3.24	5765.200	5725 to 5850	Pass
				3.6	5765.050	5725 to 5850	Pass
				3.96	5765.125	5725 to 5850	Pass
			-30	3.6	5765.050	5725 to 5850	Pass
			-20	3.6	5765.125	5725 to 5850	Pass
			-10	3.6	5765.125	5725 to 5850	Pass
			0	3.6	5765.125	5725 to 5850	Pass
			10	3.6	5765.125	5725 to 5850	Pass
			30	3.6	5765.050	5725 to 5850	Pass
			40	3.6	5765.125	5725 to 5850	Pass
			50	3.6	5765.200	5725 to 5850	Pass
		5787.5	20	3.24	5786.975	5725 to 5850	Pass
				3.6	5786.900	5725 to 5850	Pass
				3.96	5787.200	5725 to 5850	Pass
			-30	3.6	5786.975	5725 to 5850	Pass
			-20	3.6	5787.125	5725 to 5850	Pass
			-10	3.6	5786.975	5725 to 5850	Pass
			0	3.6	5787.125	5725 to 5850	Pass
			10	3.6	5787.050	5725 to 5850	Pass
			30	3.6	5786.975	5725 to 5850	Pass
			40	3.6	5787.050	5725 to 5850	Pass
			50	3.6	5786.900	5725 to 5850	Pass
		5809.5	20	3.24	5809.125	5725 to 5850	Pass
				3.6	5809.200	5725 to 5850	Pass
				3.96	5809.350	5725 to 5850	Pass
			-30	3.6	5809.350	5725 to 5850	Pass
			-20	3.6	5809.200	5725 to 5850	Pass
			-10	3.6	5809.200	5725 to 5850	Pass
			0	3.6	5809.275	5725 to 5850	Pass
			10	3.6	5809.200	5725 to 5850	Pass
			30	3.6	5809.200	5725 to 5850	Pass
			40	3.6	5809.500	5725 to 5850	Pass
			50	3.6	5809.275	5725 to 5850	Pass



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### 5.1.2 Ant1

Ant1							
Mode	TX Type	Frequency (MHz)	Temperature (°C)	Voltage (VDC)	Measured Frequency (MHz)	Limit (MHz)	Verdict
1.4M	MIMO	5728.5	20	3.24	5728.536	5725 to 5850	Pass
				3.6	5728.535	5725 to 5850	Pass
				3.96	5728.536	5725 to 5850	Pass
			-30	3.6	5728.535	5725 to 5850	Pass
			-20	3.6	5728.531	5725 to 5850	Pass
			-10	3.6	5728.538	5725 to 5850	Pass
			0	3.6	5728.536	5725 to 5850	Pass
			10	3.6	5728.536	5725 to 5850	Pass
			30	3.6	5728.532	5725 to 5850	Pass
			40	3.6	5728.535	5725 to 5850	Pass
			50	3.6	5728.532	5725 to 5850	Pass
		5786.5	20	3.24	5786.536	5725 to 5850	Pass
				3.6	5786.532	5725 to 5850	Pass
				3.96	5786.532	5725 to 5850	Pass
			-30	3.6	5786.532	5725 to 5850	Pass
			-20	3.6	5786.538	5725 to 5850	Pass
			-10	3.6	5786.535	5725 to 5850	Pass
			0	3.6	5786.538	5725 to 5850	Pass
			10	3.6	5786.536	5725 to 5850	Pass
			30	3.6	5786.539	5725 to 5850	Pass
			40	3.6	5786.539	5725 to 5850	Pass
			50	3.6	5786.536	5725 to 5850	Pass
		5846.12	20	3.24	5846.161	5725 to 5850	Pass
				3.6	5846.159	5725 to 5850	Pass
				3.96	5846.155	5725 to 5850	Pass
			-30	3.6	5846.162	5725 to 5850	Pass
			-20	3.6	5846.159	5725 to 5850	Pass
			-10	3.6	5846.161	5725 to 5850	Pass
			0	3.6	5846.158	5725 to 5850	Pass
			10	3.6	5846.151	5725 to 5850	Pass
			30	3.6	5846.159	5725 to 5850	Pass
			40	3.6	5846.161	5725 to 5850	Pass
			50	3.6	5846.165	5725 to 5850	Pass
3M	MIMO	5727.5	20	3.24	5727.488	5725 to 5850	Pass
				3.6	5727.497	5725 to 5850	Pass
				3.96	5727.479	5725 to 5850	Pass



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			-30	3.6	5727.482	5725 to 5850	Pass
			-20	3.6	5727.500	5725 to 5850	Pass
			-10	3.6	5727.482	5725 to 5850	Pass
			0	3.6	5727.479	5725 to 5850	Pass
			10	3.6	5727.524	5725 to 5850	Pass
			30	3.6	5727.476	5725 to 5850	Pass
			40	3.6	5727.470	5725 to 5850	Pass
			50	3.6	5727.476	5725 to 5850	Pass
		5784.5	20	3.24	5784.476	5725 to 5850	Pass
				3.6	5784.527	5725 to 5850	Pass
				3.96	5784.500	5725 to 5850	Pass
			-30	3.6	5784.485	5725 to 5850	Pass
			-20	3.6	5784.458	5725 to 5850	Pass
			-10	3.6	5784.491	5725 to 5850	Pass
			0	3.6	5784.476	5725 to 5850	Pass
			10	3.6	5784.524	5725 to 5850	Pass
			30	3.6	5784.500	5725 to 5850	Pass
			40	3.6	5784.518	5725 to 5850	Pass
			50	3.6	5784.479	5725 to 5850	Pass
		5847.2	20	3.24	5847.164	5725 to 5850	Pass
				3.6	5847.188	5725 to 5850	Pass
				3.96	5847.176	5725 to 5850	Pass
			-30	3.6	5847.179	5725 to 5850	Pass
			-20	3.6	5847.173	5725 to 5850	Pass
			-10	3.6	5847.167	5725 to 5850	Pass
			0	3.6	5847.164	5725 to 5850	Pass
			10	3.6	5847.167	5725 to 5850	Pass
			30	3.6	5847.176	5725 to 5850	Pass
			40	3.6	5847.215	5725 to 5850	Pass
			50	3.6	5847.191	5725 to 5850	Pass
5M	MIMO	5732.5	20	3.24	5732.535	5725 to 5850	Pass
				3.6	5732.525	5725 to 5850	Pass
				3.96	5732.480	5725 to 5850	Pass
			-30	3.6	5732.505	5725 to 5850	Pass
			-20	3.6	5732.520	5725 to 5850	Pass
			-10	3.6	5732.515	5725 to 5850	Pass
			0	3.6	5732.485	5725 to 5850	Pass
			10	3.6	5732.505	5725 to 5850	Pass
			30	3.6	5732.470	5725 to 5850	Pass
			40	3.6	5732.485	5725 to 5850	Pass



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10M	MIMO	5782.5	50	3.6	5732.505	5725 to 5850	Pass
			20	3.24	5782.470	5725 to 5850	Pass
				3.6	5782.485	5725 to 5850	Pass
				3.96	5782.495	5725 to 5850	Pass
			-30	3.6	5782.500	5725 to 5850	Pass
			-20	3.6	5782.465	5725 to 5850	Pass
			-10	3.6	5782.485	5725 to 5850	Pass
			0	3.6	5782.500	5725 to 5850	Pass
			10	3.6	5782.500	5725 to 5850	Pass
			30	3.6	5782.490	5725 to 5850	Pass
			40	3.6	5782.490	5725 to 5850	Pass
			50	3.6	5782.470	5725 to 5850	Pass
		5842.5	20	3.24	5842.480	5725 to 5850	Pass
				3.6	5842.475	5725 to 5850	Pass
				3.96	5842.490	5725 to 5850	Pass
			-30	3.6	5842.510	5725 to 5850	Pass
			-20	3.6	5842.525	5725 to 5850	Pass
			-10	3.6	5842.485	5725 to 5850	Pass
			0	3.6	5842.515	5725 to 5850	Pass
			10	3.6	5842.460	5725 to 5850	Pass
			30	3.6	5842.480	5725 to 5850	Pass
			40	3.6	5842.505	5725 to 5850	Pass
			50	3.6	5842.475	5725 to 5850	Pass
		5730.5	20	3.24	5730.490	5725 to 5850	Pass
				3.6	5730.500	5725 to 5850	Pass
				3.96	5730.510	5725 to 5850	Pass
			-30	3.6	5730.500	5725 to 5850	Pass
			-20	3.6	5730.500	5725 to 5850	Pass
			-10	3.6	5730.510	5725 to 5850	Pass
			0	3.6	5730.500	5725 to 5850	Pass
			10	3.6	5730.500	5725 to 5850	Pass
			30	3.6	5730.500	5725 to 5850	Pass
			40	3.6	5730.490	5725 to 5850	Pass
			50	3.6	5730.520	5725 to 5850	Pass
		5787.5	20	3.24	5787.500	5725 to 5850	Pass
				3.6	5787.510	5725 to 5850	Pass
				3.96	5787.510	5725 to 5850	Pass
			-30	3.6	5787.490	5725 to 5850	Pass
			-20	3.6	5787.500	5725 to 5850	Pass
			-10	3.6	5787.510	5725 to 5850	Pass



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			0	3.6	5787.500	5725 to 5850	Pass
			10	3.6	5787.490	5725 to 5850	Pass
			30	3.6	5787.500	5725 to 5850	Pass
			40	3.6	5787.500	5725 to 5850	Pass
			50	3.6	5787.500	5725 to 5850	Pass
		5844.5	20	3.24	5844.510	5725 to 5850	Pass
				3.6	5844.490	5725 to 5850	Pass
				3.96	5844.500	5725 to 5850	Pass
			-30	3.6	5844.500	5725 to 5850	Pass
			-20	3.6	5844.520	5725 to 5850	Pass
			-10	3.6	5844.510	5725 to 5850	Pass
			0	3.6	5844.500	5725 to 5850	Pass
			10	3.6	5844.490	5725 to 5850	Pass
			30	3.6	5844.500	5725 to 5850	Pass
			40	3.6	5844.510	5725 to 5850	Pass
			50	3.6	5844.500	5725 to 5850	Pass
20M	MIMO	5735.5	20	3.24	5735.520	5725 to 5850	Pass
				3.6	5735.520	5725 to 5850	Pass
				3.96	5735.500	5725 to 5850	Pass
			-30	3.6	5735.500	5725 to 5850	Pass
			-20	3.6	5735.500	5725 to 5850	Pass
			-10	3.6	5735.520	5725 to 5850	Pass
			0	3.6	5735.500	5725 to 5850	Pass
			10	3.6	5735.520	5725 to 5850	Pass
			30	3.6	5735.520	5725 to 5850	Pass
			40	3.6	5735.500	5725 to 5850	Pass
			50	3.6	5735.520	5725 to 5850	Pass
		5787.5	20	3.24	5787.500	5725 to 5850	Pass
				3.6	5787.520	5725 to 5850	Pass
				3.96	5787.520	5725 to 5850	Pass
			-30	3.6	5787.500	5725 to 5850	Pass
			-20	3.6	5787.500	5725 to 5850	Pass
			-10	3.6	5787.520	5725 to 5850	Pass
			0	3.6	5787.520	5725 to 5850	Pass
			10	3.6	5787.520	5725 to 5850	Pass
			30	3.6	5787.520	5725 to 5850	Pass
			40	3.6	5787.500	5725 to 5850	Pass
			50	3.6	5787.520	5725 to 5850	Pass
		5839.5	20	3.24	5839.520	5725 to 5850	Pass
				3.6	5839.520	5725 to 5850	Pass



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				3.96	5839.540	5725 to 5850	Pass
			-30	3.6	5839.480	5725 to 5850	Pass
			-20	3.6	5839.520	5725 to 5850	Pass
			-10	3.6	5839.500	5725 to 5850	Pass
			0	3.6	5839.520	5725 to 5850	Pass
			10	3.6	5839.520	5725 to 5850	Pass
			30	3.6	5839.500	5725 to 5850	Pass
			40	3.6	5839.520	5725 to 5850	Pass
			50	3.6	5839.500	5725 to 5850	Pass
40M	MIMO	5745.5	20	3.24	5745.420	5725 to 5850	Pass
				3.6	5745.460	5725 to 5850	Pass
				3.96	5745.460	5725 to 5850	Pass
			-30	3.6	5745.460	5725 to 5850	Pass
			-20	3.6	5745.380	5725 to 5850	Pass
			-10	3.6	5745.380	5725 to 5850	Pass
			0	3.6	5745.380	5725 to 5850	Pass
			10	3.6	5745.540	5725 to 5850	Pass
			30	3.6	5745.300	5725 to 5850	Pass
			40	3.6	5745.460	5725 to 5850	Pass
			50	3.6	5745.380	5725 to 5850	Pass
		5787.5	20	3.24	5787.460	5725 to 5850	Pass
				3.6	5787.420	5725 to 5850	Pass
				3.96	5787.380	5725 to 5850	Pass
			-30	3.6	5787.500	5725 to 5850	Pass
			-20	3.6	5787.340	5725 to 5850	Pass
			-10	3.6	5787.420	5725 to 5850	Pass
			0	3.6	5787.420	5725 to 5850	Pass
			10	3.6	5787.380	5725 to 5850	Pass
			30	3.6	5787.460	5725 to 5850	Pass
			40	3.6	5787.460	5725 to 5850	Pass
			50	3.6	5787.500	5725 to 5850	Pass
		5829.5	20	3.24	5829.500	5725 to 5850	Pass
				3.6	5829.460	5725 to 5850	Pass
				3.96	5829.500	5725 to 5850	Pass
			-30	3.6	5829.500	5725 to 5850	Pass
			-20	3.6	5829.420	5725 to 5850	Pass
			-10	3.6	5829.540	5725 to 5850	Pass
			0	3.6	5829.580	5725 to 5850	Pass
			10	3.6	5829.500	5725 to 5850	Pass
			30	3.6	5829.420	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400131403

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			40	3.6	5829.500	5725 to 5850	Pass
			50	3.6	5829.580	5725 to 5850	Pass
60M	MIMO	5755.5	20	3.24	5755.440	5725 to 5850	Pass
				3.6	5755.440	5725 to 5850	Pass
				3.96	5755.500	5725 to 5850	Pass
			-30	3.6	5755.440	5725 to 5850	Pass
			-20	3.6	5755.500	5725 to 5850	Pass
			-10	3.6	5755.560	5725 to 5850	Pass
			0	3.6	5755.440	5725 to 5850	Pass
			10	3.6	5755.500	5725 to 5850	Pass
			30	3.6	5755.440	5725 to 5850	Pass
			40	3.6	5755.620	5725 to 5850	Pass
			50	3.6	5755.440	5725 to 5850	Pass
		5787.5	20	3.24	5787.440	5725 to 5850	Pass
				3.6	5787.560	5725 to 5850	Pass
				3.96	5787.500	5725 to 5850	Pass
			-30	3.6	5787.440	5725 to 5850	Pass
			-20	3.6	5787.440	5725 to 5850	Pass
			-10	3.6	5787.380	5725 to 5850	Pass
			0	3.6	5787.320	5725 to 5850	Pass
			10	3.6	5787.560	5725 to 5850	Pass
			30	3.6	5787.380	5725 to 5850	Pass
			40	3.6	5787.440	5725 to 5850	Pass
			50	3.6	5787.920	5725 to 5850	Pass
		5819.5	20	3.24	5819.560	5725 to 5850	Pass
				3.6	5819.560	5725 to 5850	Pass
				3.96	5819.500	5725 to 5850	Pass
			-30	3.6	5819.500	5725 to 5850	Pass
			-20	3.6	5819.500	5725 to 5850	Pass
			-10	3.6	5819.500	5725 to 5850	Pass
			0	3.6	5819.440	5725 to 5850	Pass
			10	3.6	5819.440	5725 to 5850	Pass
			30	3.6	5819.380	5725 to 5850	Pass
			40	3.6	5819.380	5725 to 5850	Pass
			50	3.6	5819.680	5725 to 5850	Pass
80M	MIMO	5765.5	20	3.24	5765.125	5725 to 5850	Pass
				3.6	5765.200	5725 to 5850	Pass
				3.96	5765.125	5725 to 5850	Pass
			-30	3.6	5765.125	5725 to 5850	Pass
			-20	3.6	5765.275	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR250400131403

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			-10	3.6	5765.125	5725 to 5850	Pass
			0	3.6	5765.050	5725 to 5850	Pass
			10	3.6	5765.125	5725 to 5850	Pass
			30	3.6	5765.275	5725 to 5850	Pass
			40	3.6	5765.125	5725 to 5850	Pass
			50	3.6	5765.350	5725 to 5850	Pass
		5787.5	20	3.24	5787.200	5725 to 5850	Pass
				3.6	5787.125	5725 to 5850	Pass
				3.96	5787.200	5725 to 5850	Pass
			-30	3.6	5787.125	5725 to 5850	Pass
			-20	3.6	5787.125	5725 to 5850	Pass
			-10	3.6	5787.275	5725 to 5850	Pass
			0	3.6	5787.125	5725 to 5850	Pass
			10	3.6	5787.050	5725 to 5850	Pass
			30	3.6	5787.050	5725 to 5850	Pass
			40	3.6	5787.050	5725 to 5850	Pass
			50	3.6	5787.200	5725 to 5850	Pass
		5809.5	20	3.24	5809.275	5725 to 5850	Pass
				3.6	5809.425	5725 to 5850	Pass
				3.96	5809.125	5725 to 5850	Pass
			-30	3.6	5809.425	5725 to 5850	Pass
			-20	3.6	5809.500	5725 to 5850	Pass
			-10	3.6	5809.500	5725 to 5850	Pass
			0	3.6	5809.350	5725 to 5850	Pass
			10	3.6	5809.350	5725 to 5850	Pass
			30	3.6	5809.425	5725 to 5850	Pass
			40	3.6	5809.425	5725 to 5850	Pass
			50	3.6	5809.350	5725 to 5850	Pass



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SZEMC-TRF-01 Rev. A/1

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### 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 (%)
10M	MIMO	5157	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5245	100.000	100.000	100.00	0.00	0.00
20M	MIMO	5161	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5240	100.000	100.000	100.00	0.00	0.00
40M	MIMO	5170	100.000	100.000	100.00	0.00	0.00
		5200	100.000	100.000	100.00	0.00	0.00
		5230	100.000	100.000	100.00	0.00	0.00



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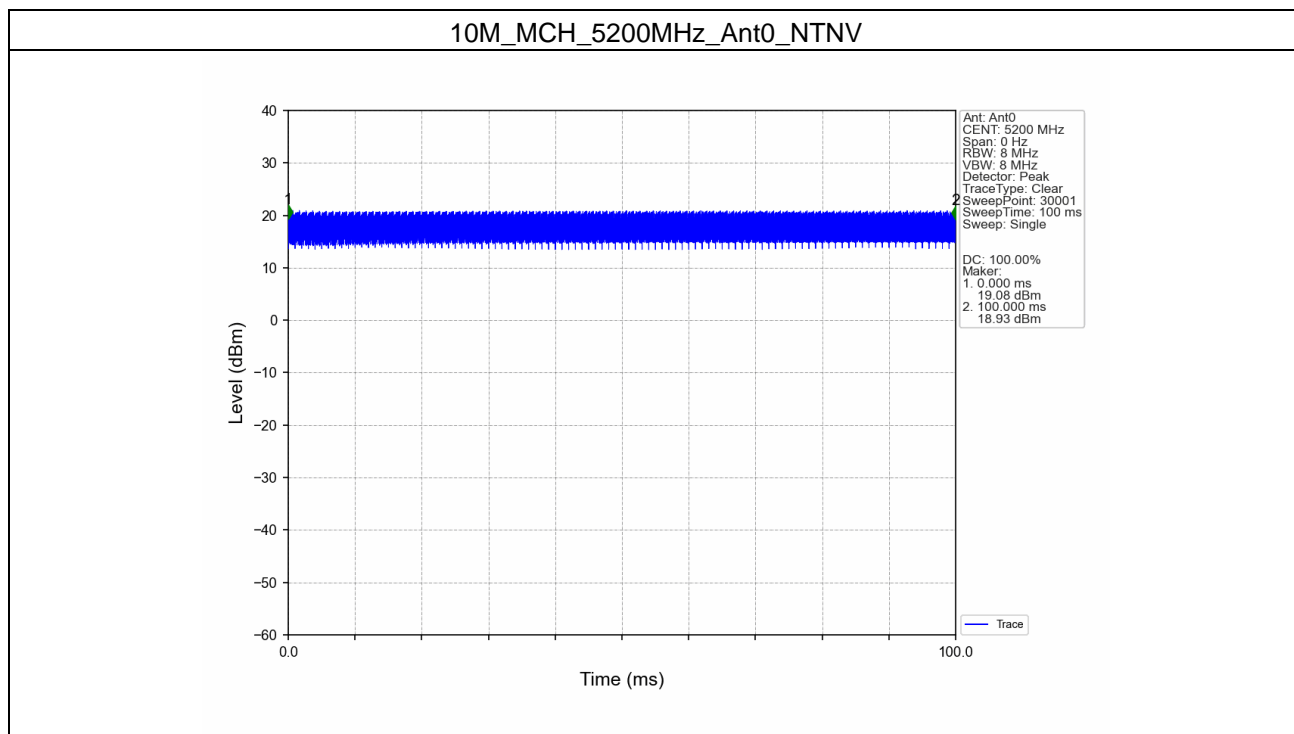
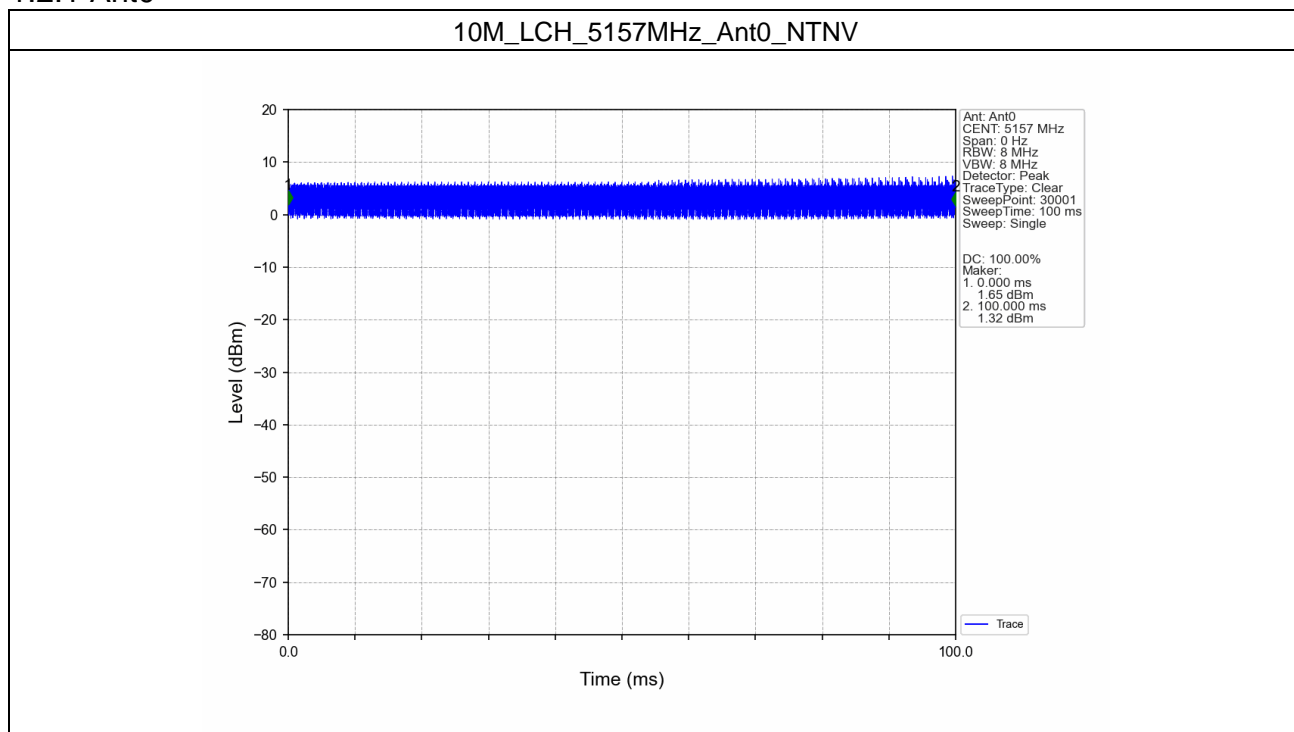
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### 1.2 Test Graph

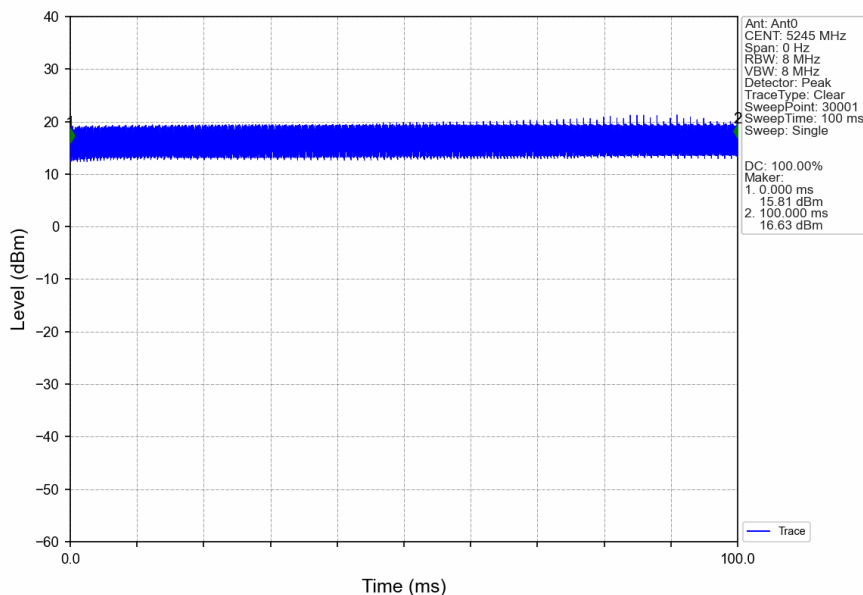
#### 1.2.1 Ant0



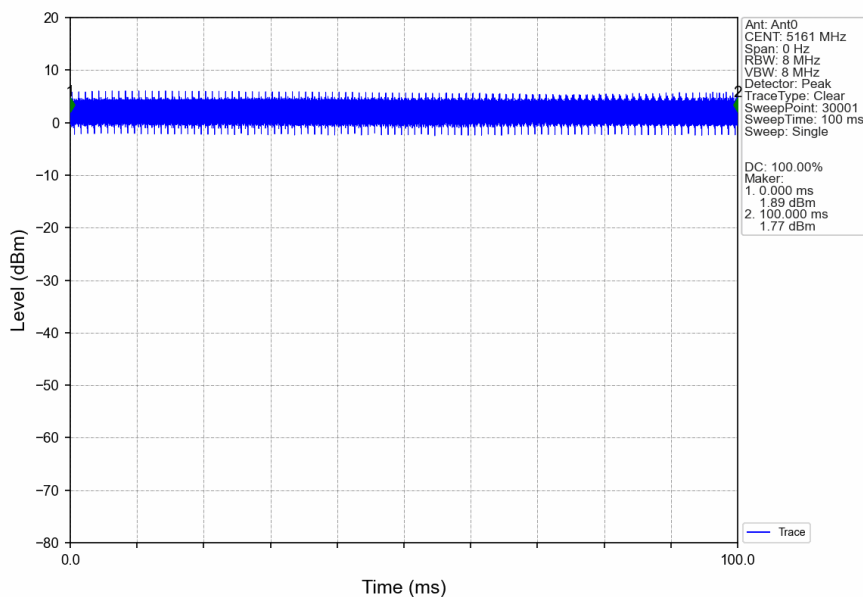
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### 10M\_HCH\_5245MHz\_Ant0\_NTNV



### 20M\_LCH\_5161MHz\_Ant0\_NTNV



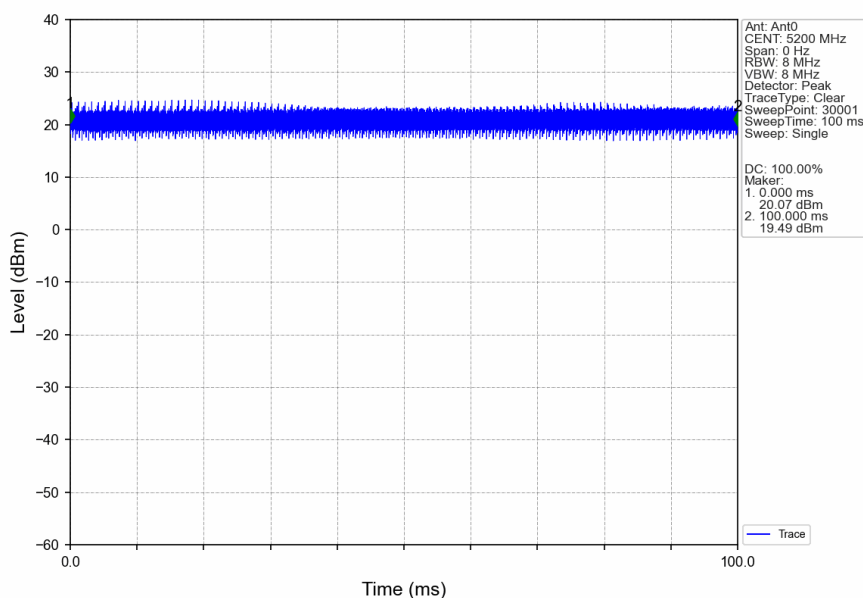
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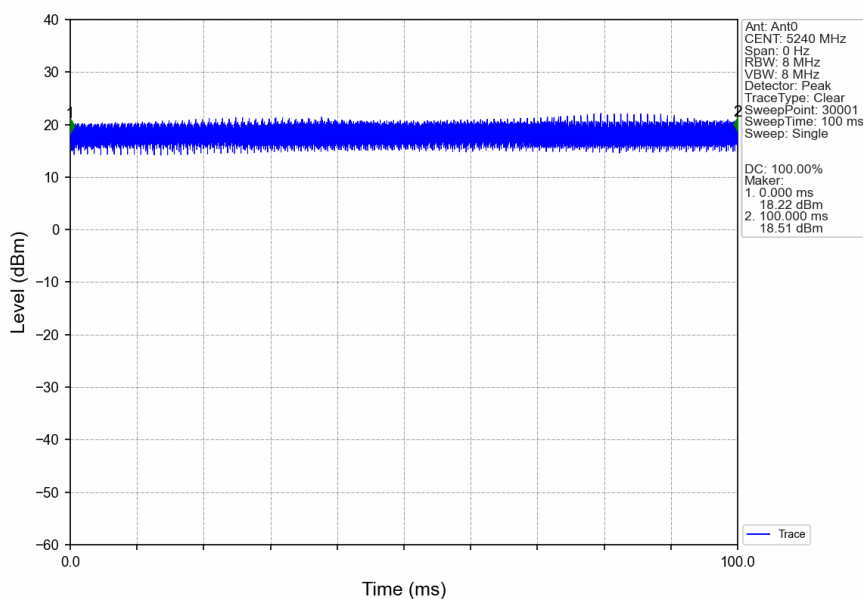
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20M\_MCH\_5200MHz\_Ant0\_NTNV



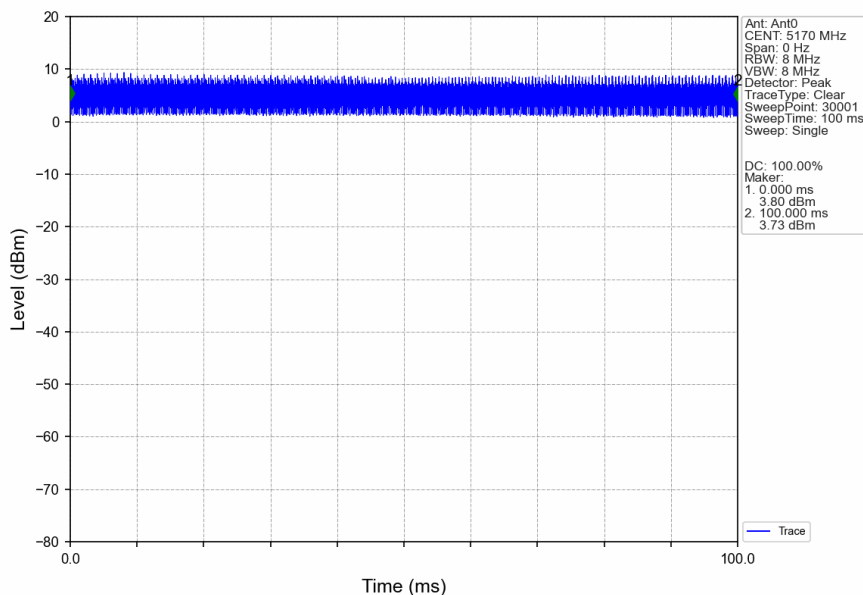
20M\_HCH\_5240MHz\_Ant0\_NTNV



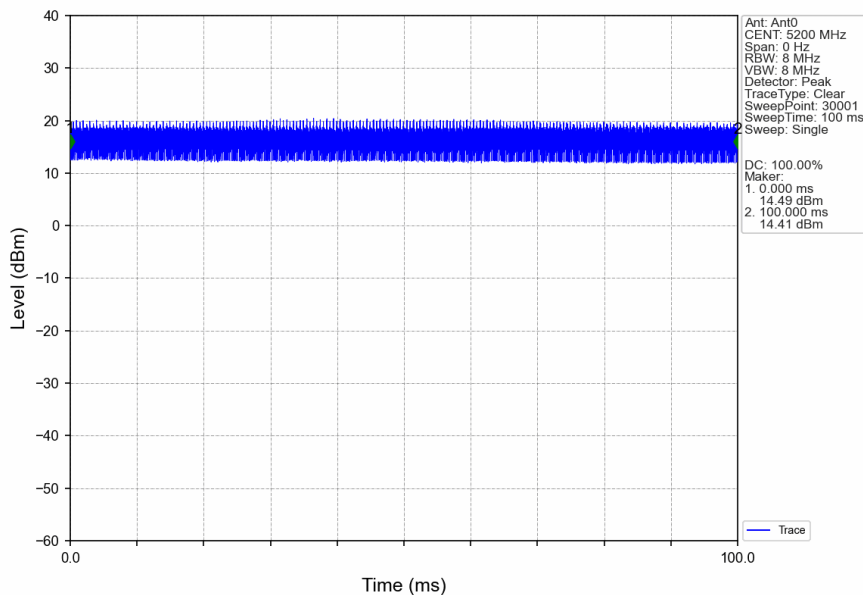
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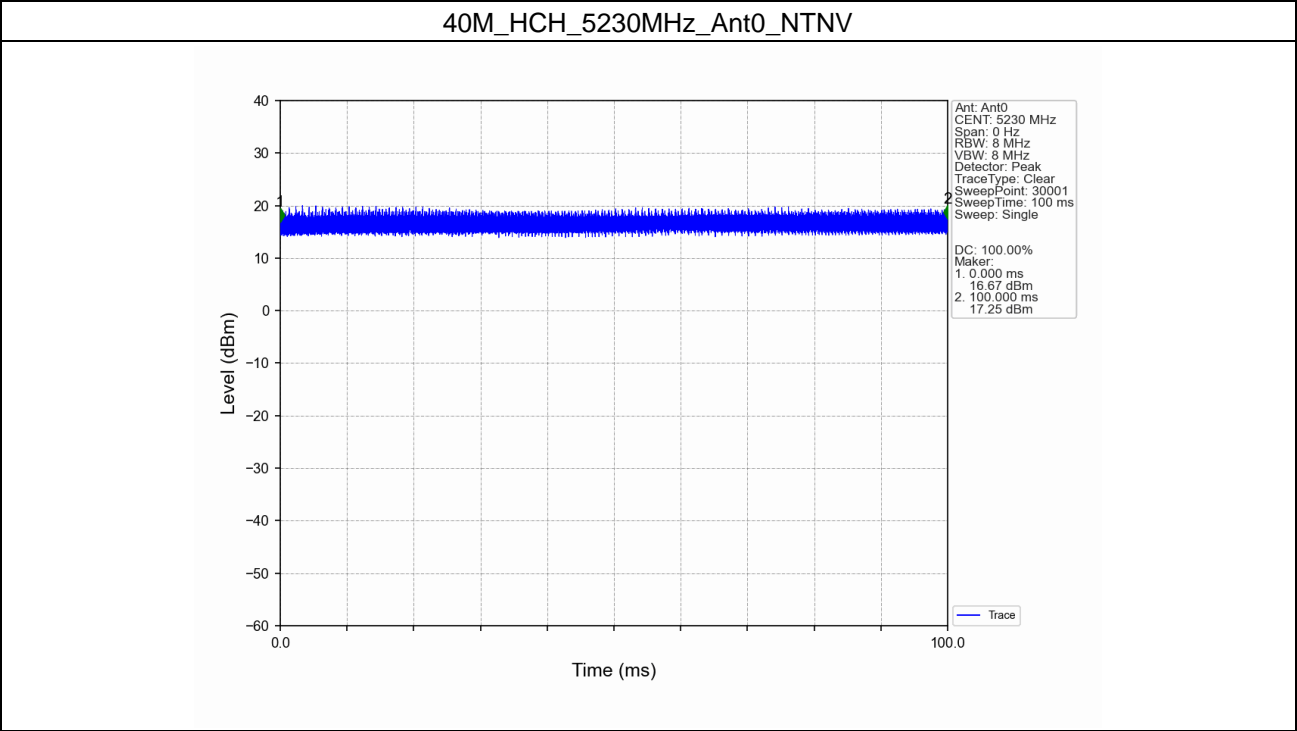
### 40M\_LCH\_5170MHz\_Ant0\_NTNV



### 40M\_MCH\_5200MHz\_Ant0\_NTNV







## 2. Bandwidth

### 2.1 Test Result

#### 2.1.1 OBW

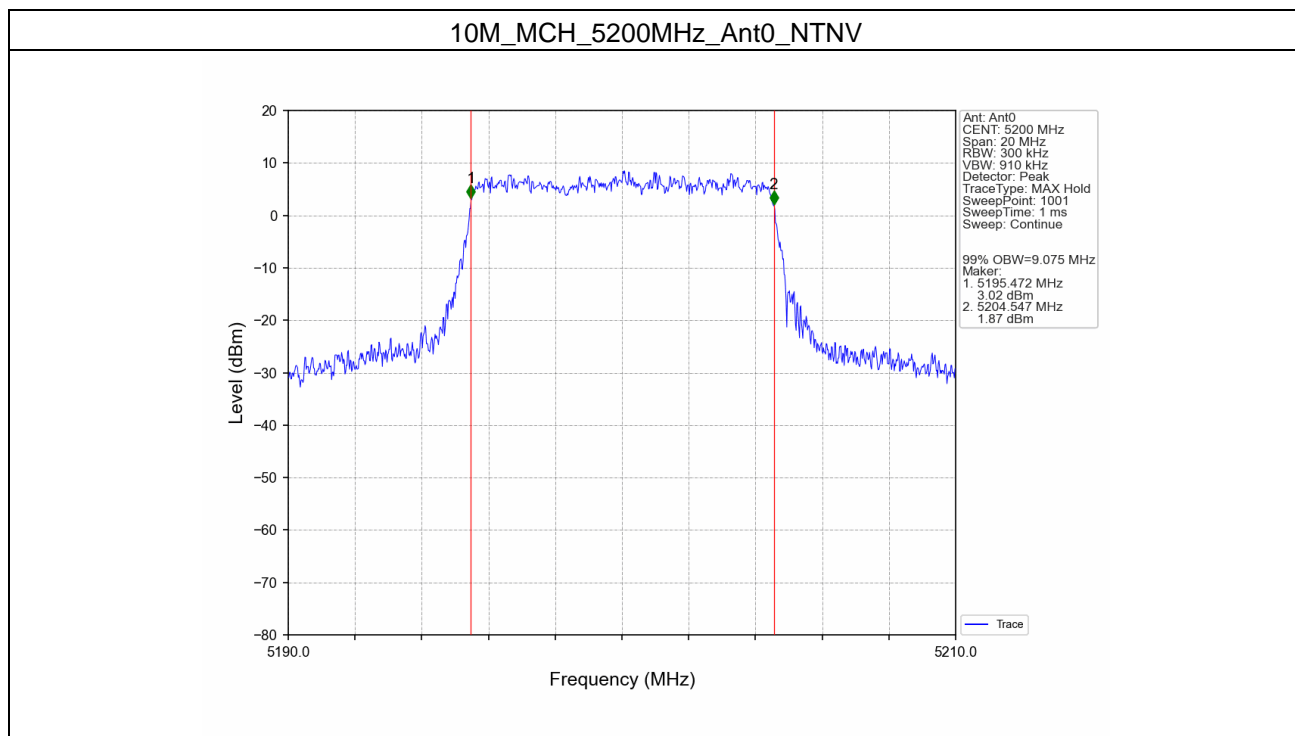
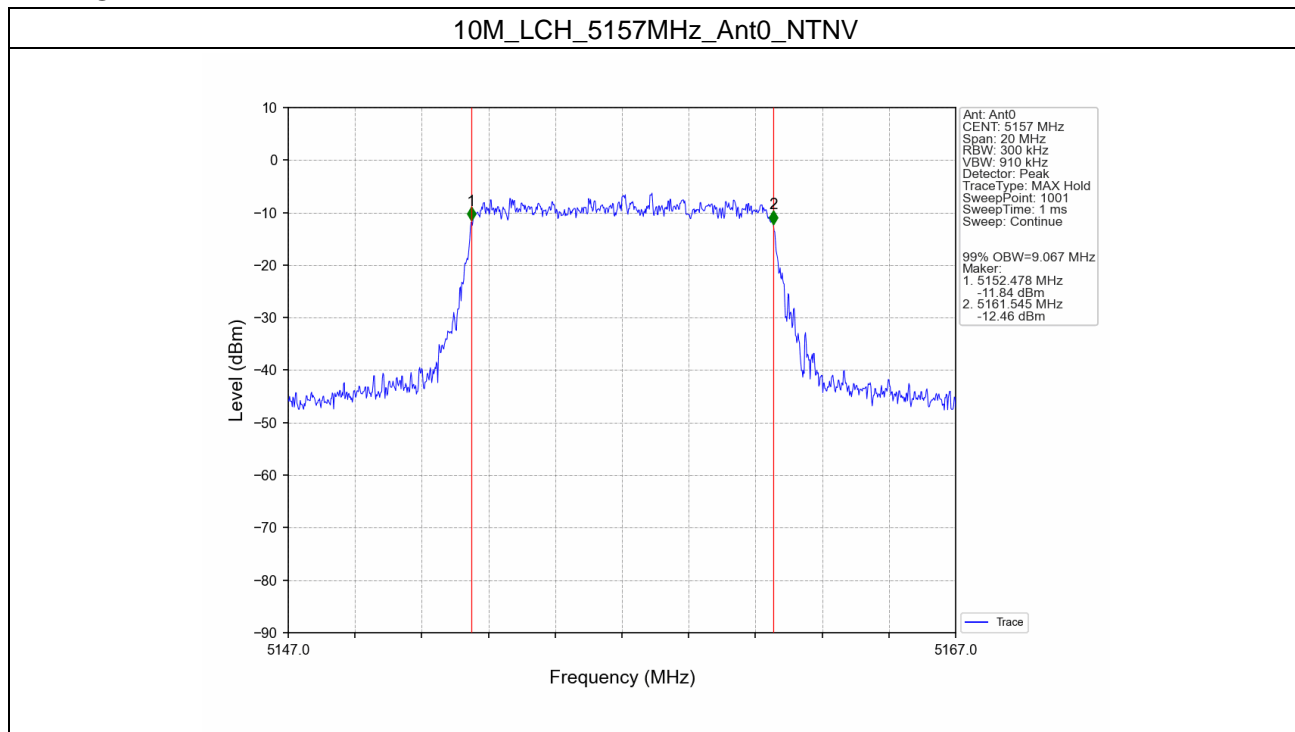
Mode	TX Type	Frequency (MHz)	ANT	99% Occupied Bandwidth (MHz)		Verdict
				Result	Limit	
10M	MIMO	5157	0	9.067	/	Pass
		5200	0	9.075	/	Pass
		5245	0	9.052	/	Pass
20M	MIMO	5161	0	18.052	/	Pass
		5200	0	17.977	/	Pass
		5240	0	17.950	/	Pass
40M	MIMO	5170	0	36.139	/	Pass
		5200	0	36.169	/	Pass
		5230	0	31.936	/	Pass

#### 2.1.2 26dB BW

Mode	TX Type	Frequency (MHz)	ANT	26dB Bandwidth (MHz)		Verdict
				Result	Limit	
10M	MIMO	5157	0	10.142	/	Pass
		5200	0	10.083	/	Pass
		5245	0	10.154	/	Pass
20M	MIMO	5161	0	19.039	/	Pass
		5200	0	19.070	/	Pass
		5240	0	19.146	/	Pass
40M	MIMO	5170	0	37.529	/	Pass
		5200	0	39.083	/	Pass
		5230	0	36.573	/	Pass

## 2.2 Test Graph

### 2.2.1 OBW



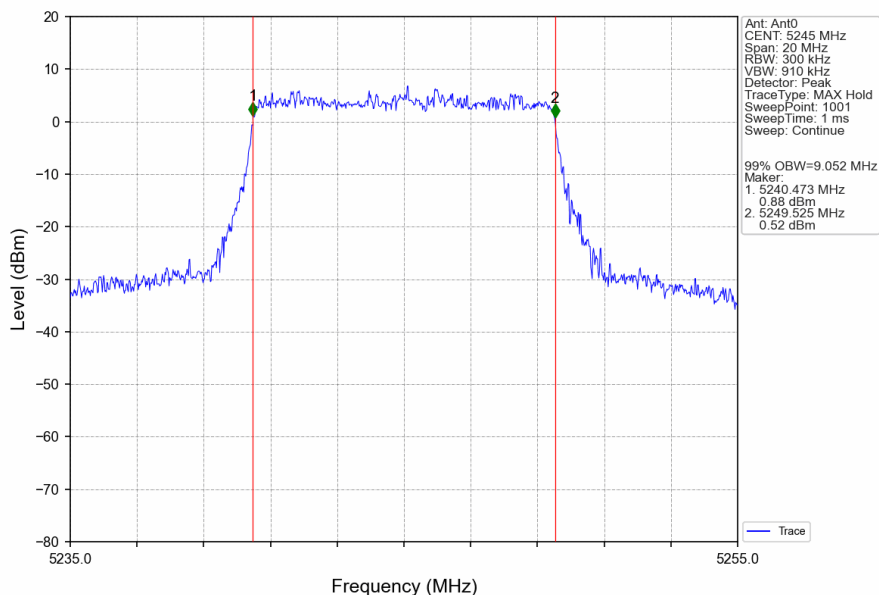
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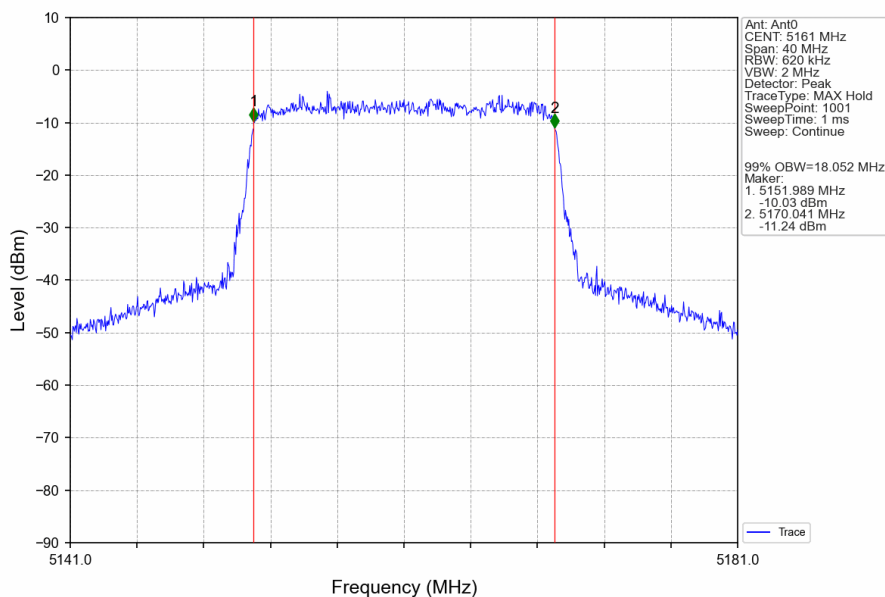
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10M\_HCH\_5245MHz\_Ant0\_NTNV

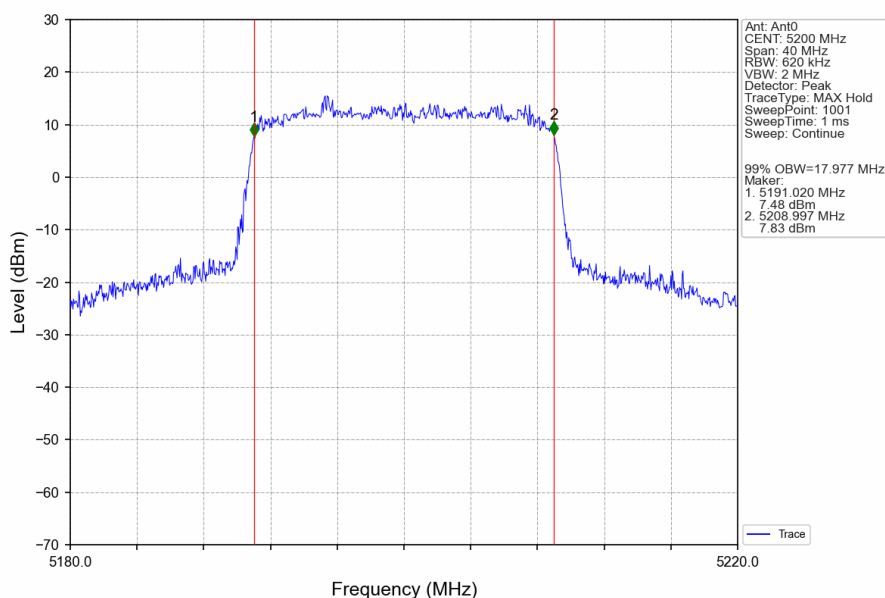


20M\_LCH\_5161MHz\_Ant0\_NTNV

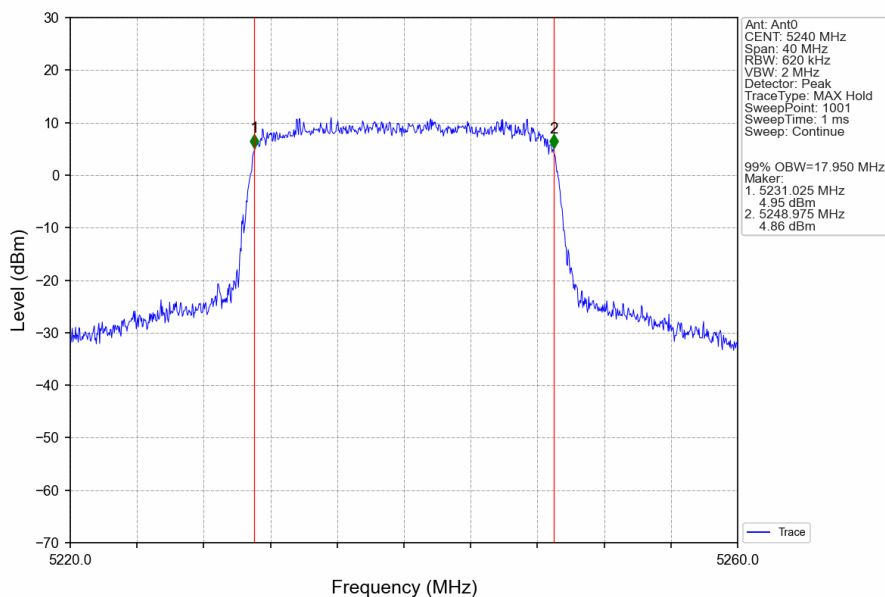




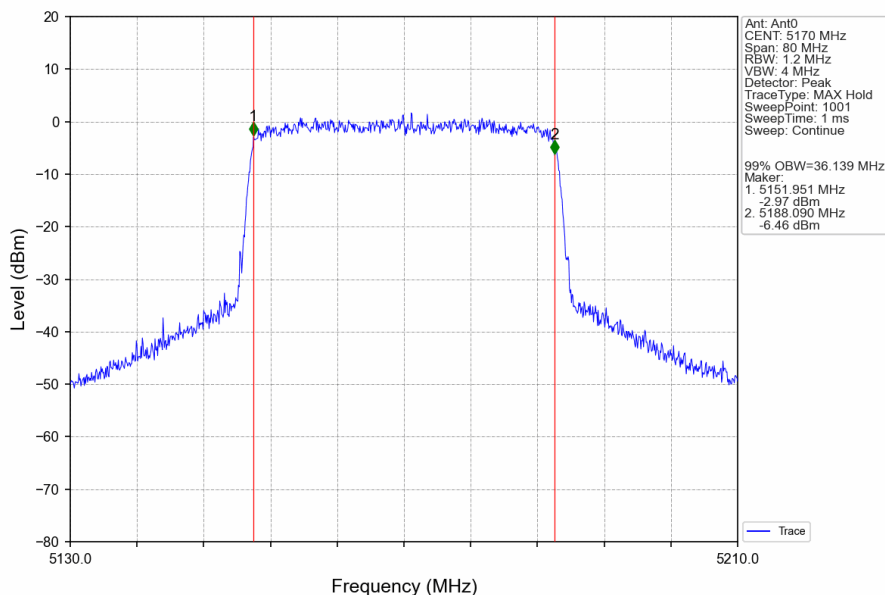
20M\_MCH\_5200MHz\_Ant0\_NTNV



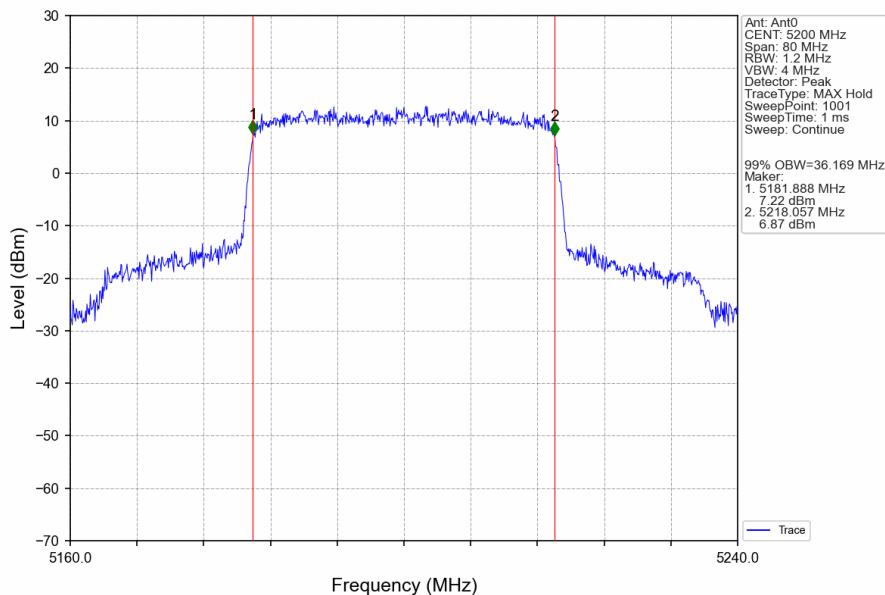
20M\_HCH\_5240MHz\_Ant0\_NTNV



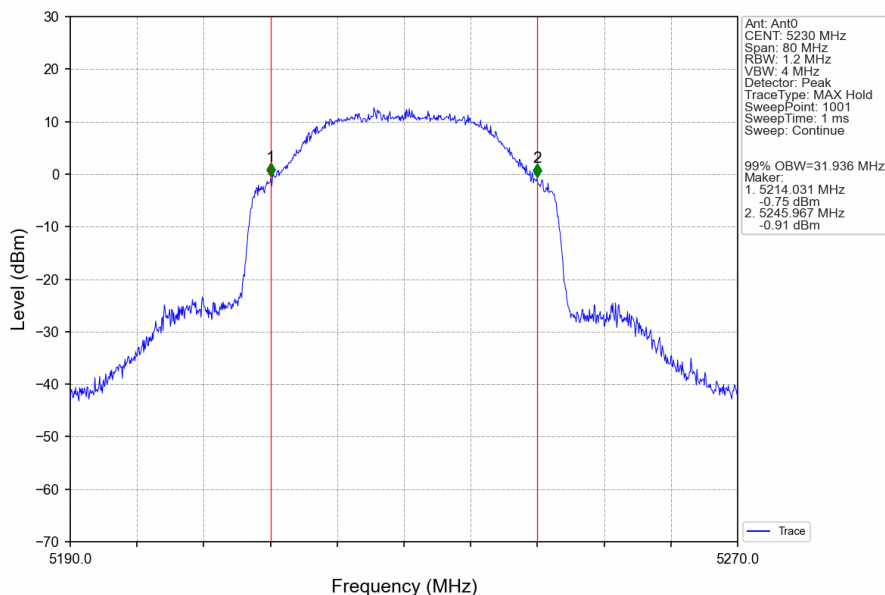
40M\_LCH\_5170MHz\_Ant0\_NTNV



40M\_MCH\_5200MHz\_Ant0\_NTNV



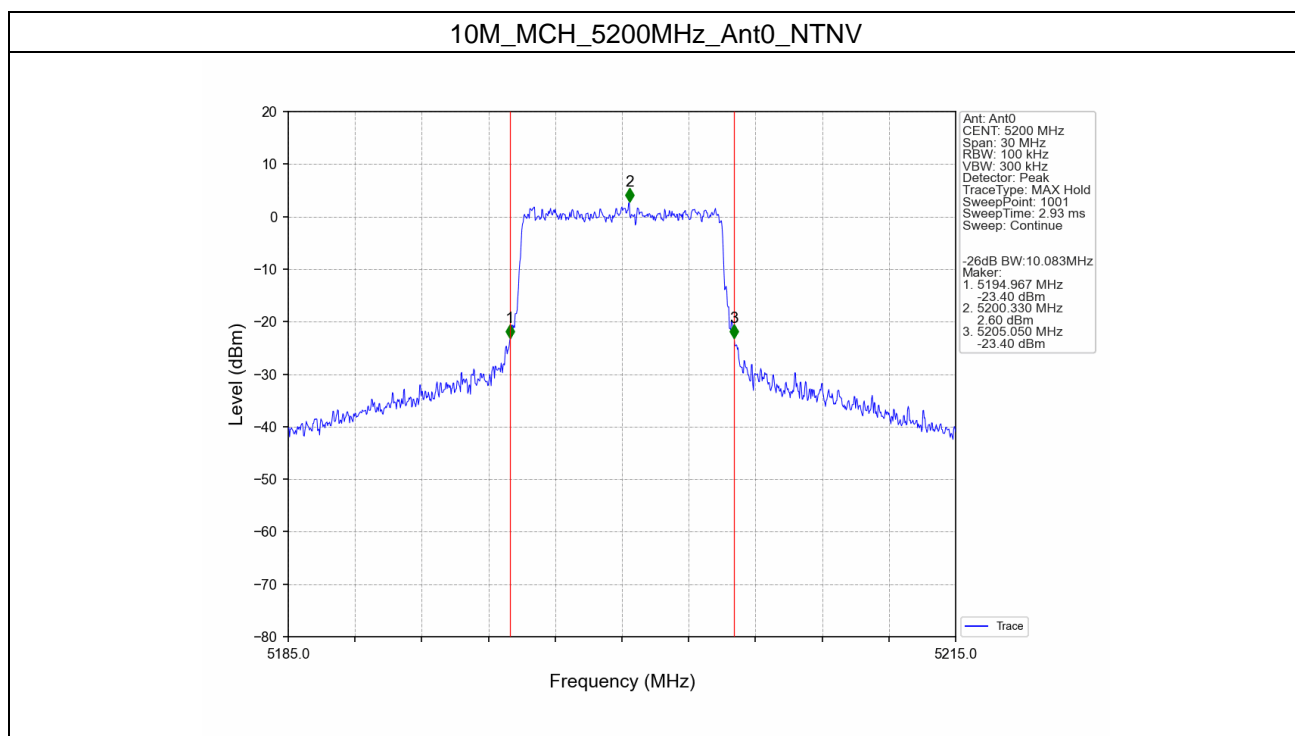
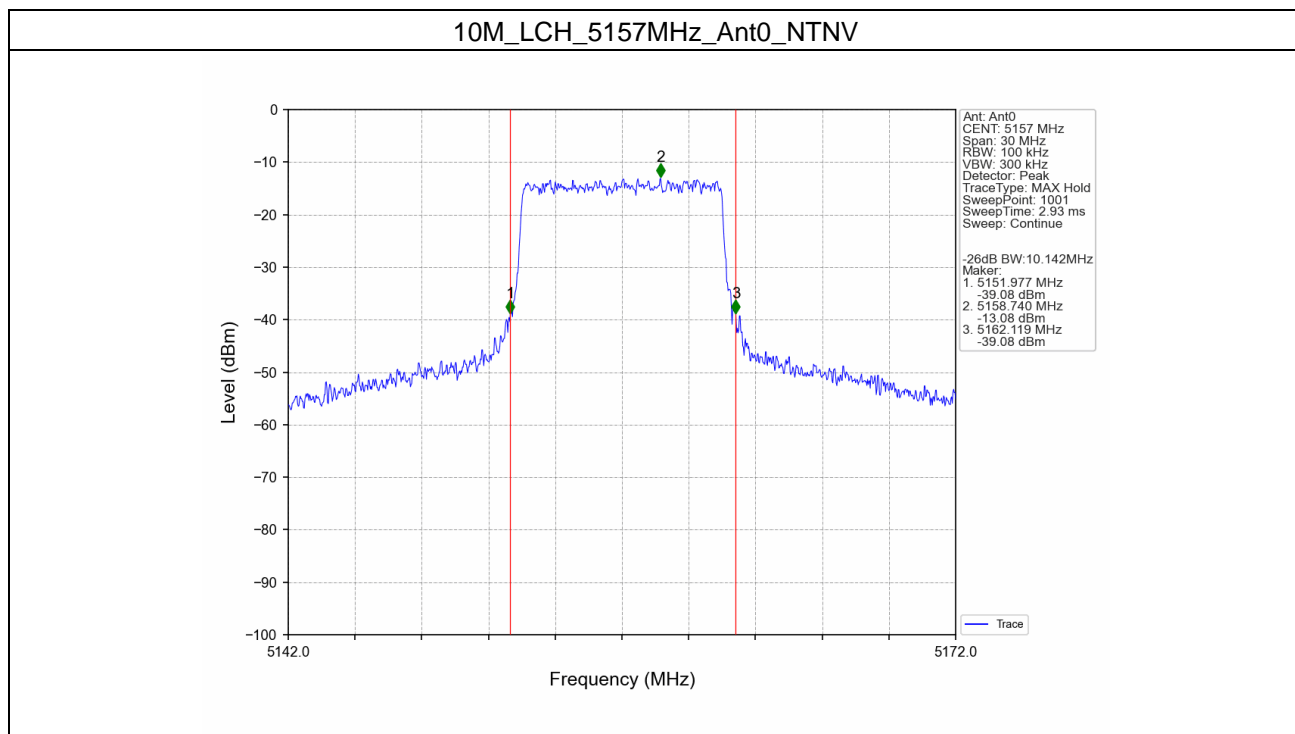
### 40M\_HCH\_5230MHz\_Ant0\_NTNV



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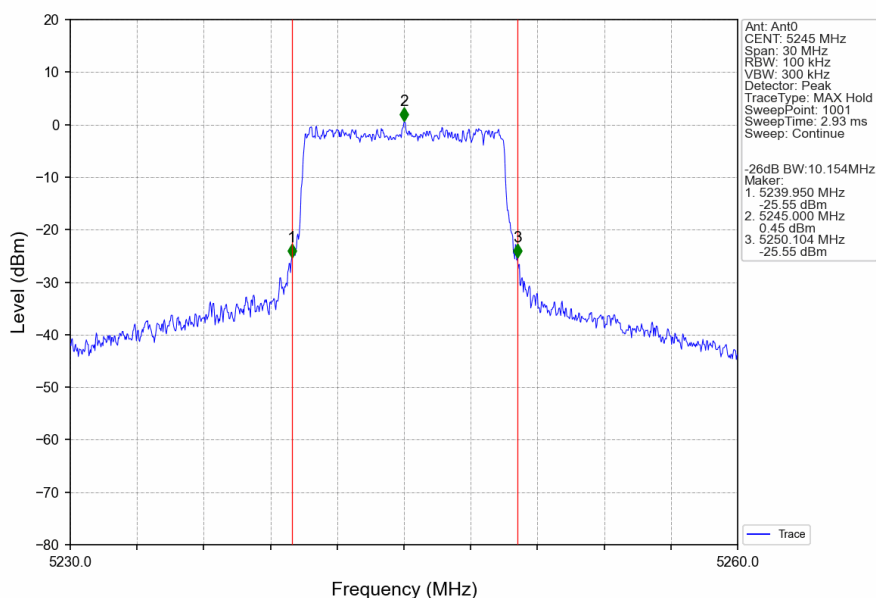
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### 2.2.2 26dB BW

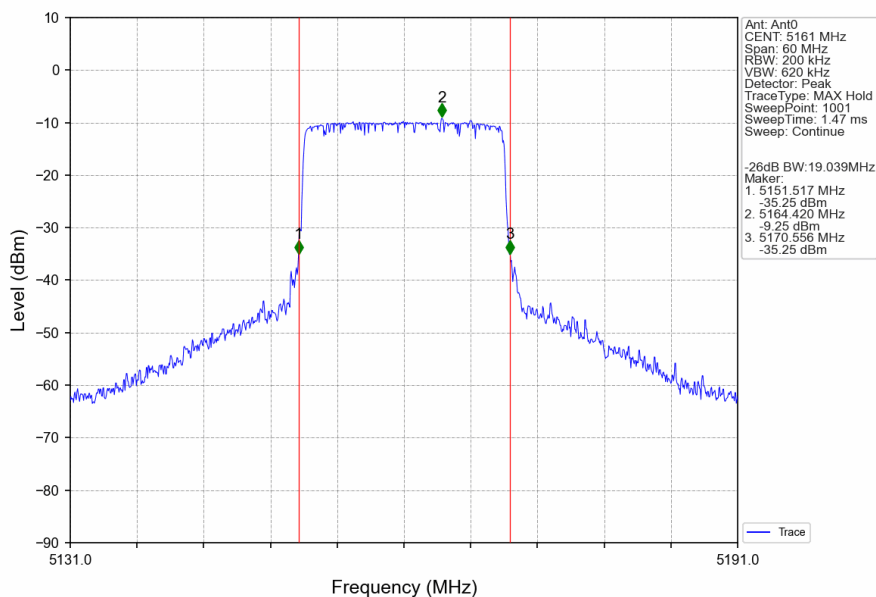




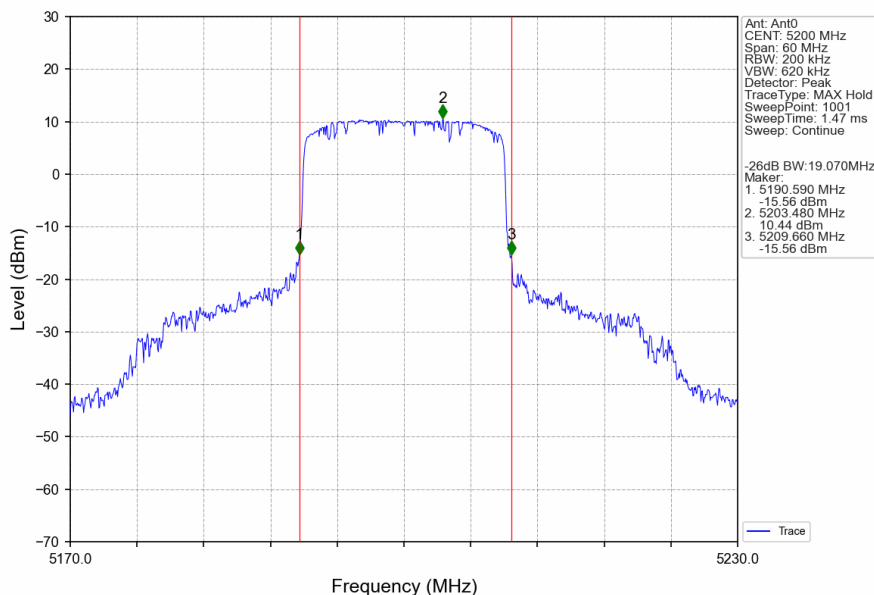
10M\_HCH\_5245MHz\_Ant0\_NTNV



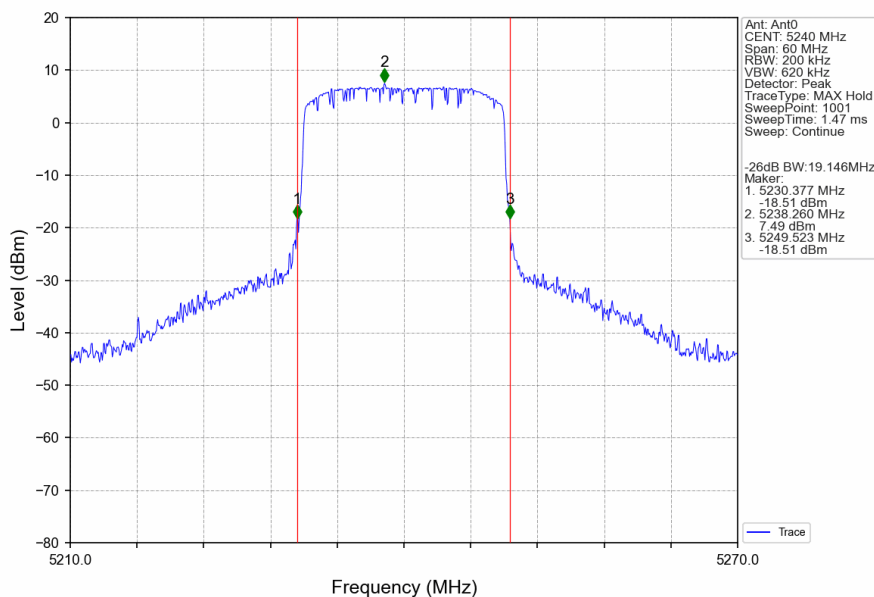
20M\_LCH\_5161MHz\_Ant0\_NTNV



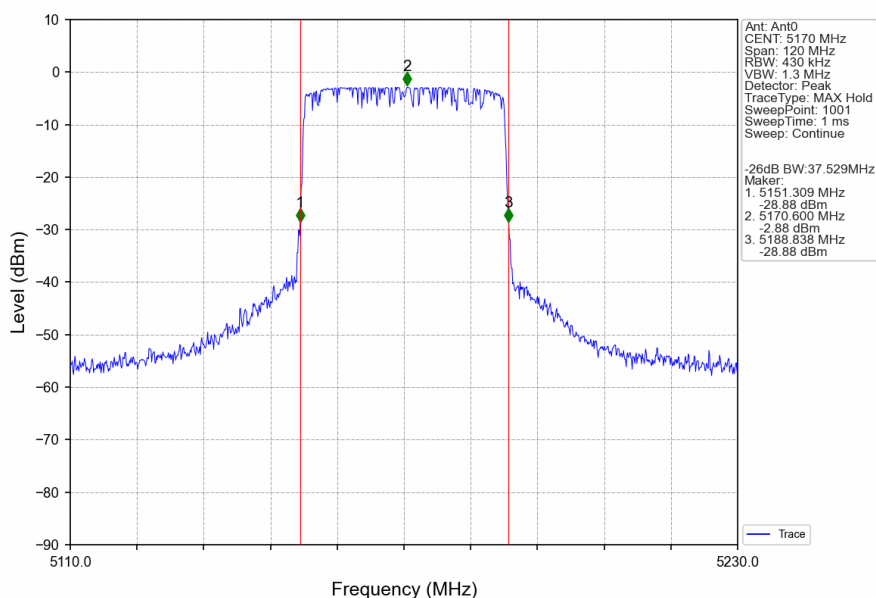
20M\_MCH\_5200MHz\_Ant0\_NTNV



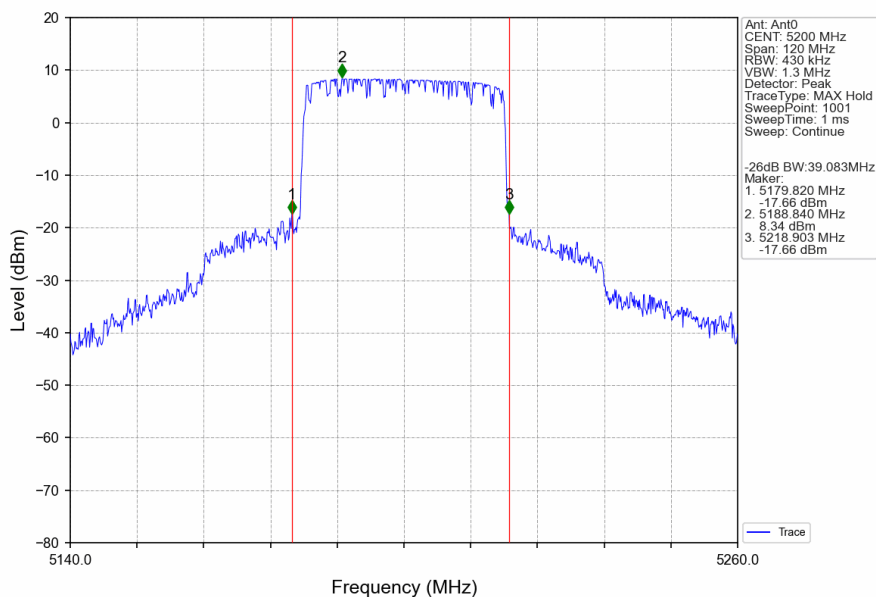
20M\_HCH\_5240MHz\_Ant0\_NTNV



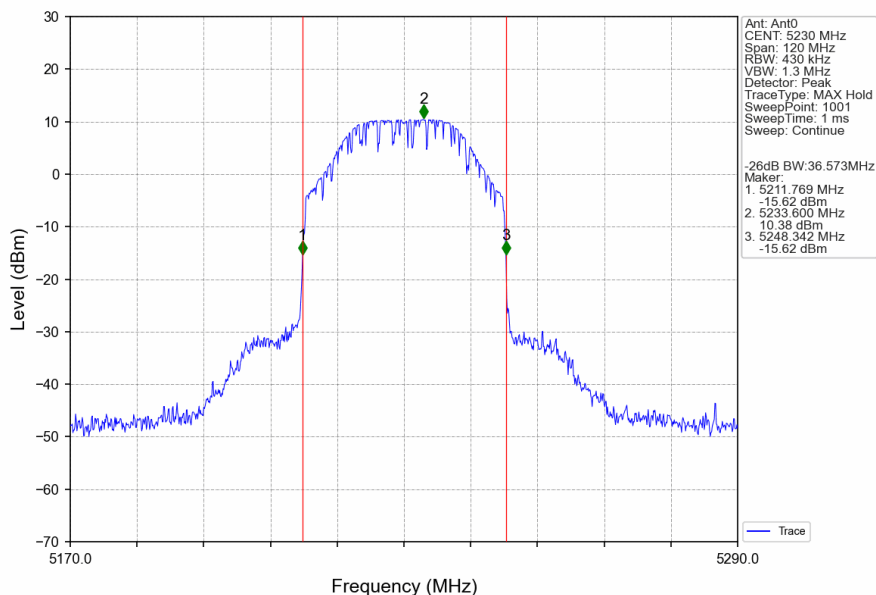
### 40M\_LCH\_5170MHz\_Ant0\_NTNV



### 40M\_MCH\_5200MHz\_Ant0\_NTNV



### 40M\_HCH\_5230MHz\_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	
10M	MIMO	5157	-2.59	-2.37	0.53	<=23.98	Pass
		5200	12.44	11.99	15.23	<=23.98	Pass
		5245	10.38	7.96	12.35	<=23.98	Pass
20M	MIMO	5161	-0.32	-0.26	2.72	<=23.98	Pass
		5200	17.04	16.05	19.58	<=23.98	Pass
		5240	15.28	13.22	17.38	<=23.98	Pass
40M	MIMO	5170	5.30	3.54	7.52	<=23.98	Pass
		5200	16.64	15.26	19.01	<=23.98	Pass
		5230	15.36	15.40	18.39	<=23.98	Pass

Note1: Antenna Gain: Ant0: 1.50dBi; Ant1: 1.50dBi;  
Note2: Directional Gain: 1.5dBi

## 4. Maximum Power Spectral Density

### 4.1 Test Result

#### 4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)				Verdict
			ANT0	ANT1	MIMO	Limit	
10M	MIMO	5157	-11.16	-10.97	-8.22	<=11	Pass
		5200	3.91	3.47	6.57	<=11	Pass
		5245	2.11	-0.63	3.81	<=11	Pass
20M	MIMO	5161	-11.75	-11.90	-8.87	<=11	Pass
		5200	5.76	4.75	8.10	<=11	Pass
		5240	4.02	2.02	5.97	<=11	Pass
40M	MIMO	5170	-9.29	-10.95	-7.11	<=11	Pass
		5200	2.25	1.08	4.59	<=11	Pass
		5230	2.97	3.35	5.85	<=11	Pass

Note1: Antenna Gain: Ant0: 1.50dBi; Ant1: 1.50dBi;  
Note2: Directional Gain: Band1: 4.51dBi



### 4.2 Test Graph

#### 4.2.1 PSD

