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# Appendix B.18

## LTE Band 66



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Table with 9 columns: Band, Bandwidth, Modulation, Channel, RB Configuration, Result(dBm), EIRP(dBm), Limit(dBm), Verdict. It contains 28 rows of test data for Band66 with various configurations and modulation schemes, all resulting in a PASS verdict.



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Table with 9 columns: Band, Frequency, Modulation, ID, C1, C2, C3, C4, Result. Contains 30 rows of test data for Band66 across various frequencies and modulation schemes.



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Table with 9 columns: Band, Frequency, Modulation, ID, C1, C2, C3, C4, Result. Contains 30 rows of test data for Band66 across various frequencies and modulations.



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Table with 9 columns: Band, Frequency, Modulation, ID1, ID2, Value1, Value2, Value3, Result. Contains 33 rows of test data for Band66 across various frequencies (5MHz, 10MHz) and modulation schemes (QPSK, 16QAM, 64QAM).



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Table with 9 columns: Band, Frequency, Modulation, Channel, Sample ID, and various test results. All results are PASS.



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Table with 9 columns: Band, Frequency, Modulation, Channel, RB, C/N, BER, Error Rate, Result. Contains 30 rows of test data for Band66 at various frequencies and modulation schemes.



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Table with 9 columns: Band, Frequency, Modulation, Test ID, RB#, Value 1, Value 2, Value 3, Result. Contains 32 rows of test data for various bands (15MHz, 20MHz) and modulations (64QAM, QPSK, 16QAM).



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Table with 9 columns: Band66, Frequency (20MHz), Modulation (16QAM/64QAM), Channel ID, and various performance metrics (e.g., 14.5, 14.64, 30.00) and PASS status.



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2. Frequency Stability

2.1 B66\_1.4MHz

2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1710.7	6	0	20	3.5	3.391	0.0020	/	Pass	
					3.87	4.398	0.0026	/	Pass	
					4.45	0.461	0.0003	/	Pass	
				-30	3.87	1.597	0.0009	/	Pass	
					-20	3.87	-2.449	-0.0014	/	Pass
						-10	3.87	-2.470	-0.0014	/
				0	3.87	0.763	0.0004	/	Pass	
				10	3.87	-3.107	-0.0018	/	Pass	
				30	3.87	7.215	0.0042	/	Pass	
	40	3.87	8.962	0.0052	/	Pass				
	50	3.87	0.792	0.0005	/	Pass				
	1745	6	0	20	3.5	-3.406	-0.0020	/	Pass	
					3.87	13.154	0.0075	/	Pass	
					4.45	3.819	0.0022	/	Pass	
				-30	3.87	-6.843	-0.0039	/	Pass	
					-20	3.87	2.651	0.0015	/	Pass
						-10	3.87	2.646	0.0015	/
				0	3.87	-3.360	-0.0019	/	Pass	
				10	3.87	14.460	0.0083	/	Pass	
				30	3.87	-6.677	-0.0038	/	Pass	
	40	3.87	10.761	0.0062	/	Pass				
	50	3.87	10.487	0.0060	/	Pass				
	1779.3	6	0	20	3.5	-3.694	-0.0021	/	Pass	
					3.87	0.817	0.0005	/	Pass	
					4.45	-3.826	-0.0022	/	Pass	
				-30	3.87	1.544	0.0009	/	Pass	
					-20	3.87	0.118	0.0001	/	Pass
-10						3.87	0.278	0.0002	/	Pass
0				3.87	-6.011	-0.0034	/	Pass		
10				3.87	-1.455	-0.0008	/	Pass		
30				3.87	9.513	0.0053	/	Pass		
40	3.87	0.937	0.0005	/	Pass					
50	3.87	1.073	0.0006	/	Pass					
16QAM	1710.7	6	0	20	3.5	-1.172	-0.0007	/	Pass	
					3.87	1.382	0.0008	/	Pass	
					4.45	-1.466	-0.0009	/	Pass	
				-30	3.87	-6.461	-0.0038	/	Pass	
					-20	3.87	10.267	0.0060	/	Pass
-10	3.87	11.796	0.0069	/	Pass					



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				0	3.87	-5.597	-0.0033	/	Pass		
				10	3.87	0.775	0.0005	/	Pass		
				30	3.87	-4.306	-0.0025	/	Pass		
				40	3.87	-6.743	-0.0039	/	Pass		
1745	6	0	50	3.87	-6.017	-0.0035	/	Pass			
			20	3.5	12.220	0.0070	/	Pass			
				3.87	-9.303	-0.0053	/	Pass			
				4.45	-7.203	-0.0041	/	Pass			
			-30	3.87	-7.065	-0.0040	/	Pass			
			-20	3.87	-10.530	-0.0060	/	Pass			
			-10	3.87	-7.165	-0.0041	/	Pass			
			0	3.87	1.832	0.0010	/	Pass			
			10	3.87	-3.752	-0.0022	/	Pass			
			30	3.87	-3.706	-0.0021	/	Pass			
			40	3.87	-1.034	-0.0006	/	Pass			
			50	3.87	-5.130	-0.0029	/	Pass			
			1779.3	6	0	20	3.5	1.250	0.0007	/	Pass
							3.87	3.816	0.0021	/	Pass
							4.45	-1.477	-0.0008	/	Pass
-30	3.87	-10.802				-0.0061	/	Pass			
-20	3.87	-12.007				-0.0067	/	Pass			
-10	3.87	-8.556				-0.0048	/	Pass			
0	3.87	3.689				0.0021	/	Pass			
10	3.87	5.602				0.0031	/	Pass			
30	3.87	0.518				0.0003	/	Pass			
40	3.87	-3.167				-0.0018	/	Pass			
50	3.87	-2.210				-0.0012	/	Pass			
1710.7	6	0				20	3.5	-9.695	-0.0057	/	Pass
							3.87	0.443	0.0003	/	Pass
							4.45	-0.276	-0.0002	/	Pass
						-30	3.87	-13.882	-0.0081	/	Pass
			-20	3.87	-2.864	-0.0017	/	Pass			
			-10	3.87	7.039	0.0041	/	Pass			
			0	3.87	-7.085	-0.0041	/	Pass			
			10	3.87	-7.937	-0.0046	/	Pass			
			30	3.87	-9.524	-0.0056	/	Pass			
			40	3.87	7.860	0.0046	/	Pass			
			50	3.87	-6.635	-0.0039	/	Pass			
			1745	6	0	20	3.5	0.105	0.0001	/	Pass
							3.87	5.926	0.0034	/	Pass
							4.45	-1.799	-0.0010	/	Pass
						-30	3.87	10.508	0.0060	/	Pass
-20	3.87	1.554				0.0009	/	Pass			
-10	3.87	10.973				0.0063	/	Pass			
0	3.87	9.527				0.0055	/	Pass			
10	3.87	3.269				0.0019	/	Pass			
30	3.87	-4.493				-0.0026	/	Pass			
40	3.87	3.300				0.0019	/	Pass			
50	3.87	-7.210				-0.0041	/	Pass			



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1779.3	6	0	20	3.5	5.448	0.0031	/	Pass
				3.87	1.080	0.0006	/	Pass
				4.45	7.462	0.0042	/	Pass
			-30	3.87	6.167	0.0035	/	Pass
			-20	3.87	2.804	0.0016	/	Pass
			-10	3.87	-5.715	-0.0032	/	Pass
			0	3.87	-2.185	-0.0012	/	Pass
			10	3.87	2.796	0.0016	/	Pass
			30	3.87	-0.835	-0.0005	/	Pass
			40	3.87	-0.885	-0.0005	/	Pass
50	3.87	-14.566	-0.0082	/	Pass			



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2.2 B66\_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1711.5	15	0	20	3.5	-1.988	-0.0012	/	Pass	
					3.87	3.164	0.0018	/	Pass	
					4.45	-7.427	-0.0043	/	Pass	
				-30	3.87	-7.718	-0.0045	/	Pass	
					-20	3.87	-3.049	-0.0018	/	Pass
						3.87	6.728	0.0039	/	Pass
				0	3.87	-5.702	-0.0033	/	Pass	
					3.87	-1.714	-0.0010	/	Pass	
				3.87	3.979	0.0023	/	Pass		
				3.87	-10.865	-0.0063	/	Pass		
	3.87	-7.582	-0.0044	/	Pass					
	1745	15	0	20	3.5	-15.732	-0.0090	/	Pass	
					3.87	-1.437	-0.0008	/	Pass	
					4.45	2.056	0.0012	/	Pass	
				-30	3.87	5.396	0.0031	/	Pass	
					-20	3.87	-1.669	-0.0010	/	Pass
						3.87	1.433	0.0008	/	Pass
				0	3.87	-5.007	-0.0029	/	Pass	
					3.87	8.183	0.0047	/	Pass	
				3.87	-10.751	-0.0062	/	Pass		
				3.87	2.871	0.0016	/	Pass		
	3.87	-9.283	-0.0053	/	Pass					
	1778.5	15	0	20	3.5	-4.981	-0.0028	/	Pass	
					3.87	5.391	0.0030	/	Pass	
					4.45	-8.394	-0.0047	/	Pass	
				-30	3.87	-1.058	-0.0006	/	Pass	
					-20	3.87	-5.189	-0.0029	/	Pass
						3.87	0.338	0.0002	/	Pass
				0	3.87	12.409	0.0070	/	Pass	
					3.87	-10.097	-0.0057	/	Pass	
3.87				8.853	0.0050	/	Pass			
3.87				8.682	0.0049	/	Pass			
3.87	-5.939	-0.0033	/	Pass						
16QAM	1711.5	15	0	20	3.5	-12.432	-0.0073	/	Pass	
					3.87	-1.594	-0.0009	/	Pass	
					4.45	7.877	0.0046	/	Pass	
				-30	3.87	9.386	0.0055	/	Pass	
					-20	3.87	2.419	0.0014	/	Pass
						3.87	-2.444	-0.0014	/	Pass
				0	3.87	-10.847	-0.0063	/	Pass	
					3.87	2.338	0.0014	/	Pass	



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64QAM	1745	15	0	30	3.87	-0.509	-0.0003	/	Pass
				40	3.87	-1.701	-0.0010	/	Pass
				50	3.87	-3.180	-0.0019	/	Pass
				20	3.5	-4.241	-0.0024	/	Pass
					3.87	11.140	0.0064	/	Pass
					4.45	11.036	0.0063	/	Pass
				-30	3.87	-1.208	-0.0007	/	Pass
				-20	3.87	2.233	0.0013	/	Pass
				-10	3.87	6.074	0.0035	/	Pass
				0	3.87	-2.439	-0.0014	/	Pass
				10	3.87	3.638	0.0021	/	Pass
				30	3.87	1.536	0.0009	/	Pass
	40	3.87	2.402	0.0014	/	Pass			
	50	3.87	1.231	0.0007	/	Pass			
	1778.5	15	0	20	3.5	-4.868	-0.0027	/	Pass
					3.87	-6.476	-0.0036	/	Pass
					4.45	13.602	0.0076	/	Pass
				-30	3.87	-1.184	-0.0007	/	Pass
				-20	3.87	-4.196	-0.0024	/	Pass
				-10	3.87	-1.685	-0.0009	/	Pass
				0	3.87	-10.385	-0.0058	/	Pass
				10	3.87	0.192	0.0001	/	Pass
				30	3.87	-8.915	-0.0050	/	Pass
				40	3.87	1.399	0.0008	/	Pass
				50	3.87	2.076	0.0012	/	Pass
1711.5				15	0	20	3.5	-6.520	-0.0038
	3.87	6.860	0.0040				/	Pass	
	4.45	-4.625	-0.0027				/	Pass	
	-30	3.87	-0.365			-0.0002	/	Pass	
	-20	3.87	-7.492			-0.0044	/	Pass	
	-10	3.87	-10.107			-0.0059	/	Pass	
	0	3.87	6.047			0.0035	/	Pass	
	10	3.87	1.616			0.0009	/	Pass	
	30	3.87	-11.131			-0.0065	/	Pass	
	40	3.87	-8.356			-0.0049	/	Pass	
	50	3.87	-0.179			-0.0001	/	Pass	
	1745	15	0			20	3.5	6.343	0.0036
3.87				4.742	0.0027		/	Pass	
4.45				6.597	0.0038		/	Pass	
-30				3.87	11.399	0.0065	/	Pass	
-20				3.87	-7.386	-0.0042	/	Pass	
-10				3.87	4.807	0.0028	/	Pass	
0				3.87	1.451	0.0008	/	Pass	
10				3.87	-5.081	-0.0029	/	Pass	
30				3.87	7.692	0.0044	/	Pass	
40				3.87	-1.671	-0.0010	/	Pass	
50				3.87	-7.748	-0.0044	/	Pass	
1778.5				15	0	20	3.5	-2.588	-0.0015
	3.87	-11.865	-0.0067				/	Pass	



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				4.45	5.456	0.0031	/	Pass	
				-30	3.87	-5.114	-0.0029	/	Pass
				-20	3.87	5.770	0.0032	/	Pass
				-10	3.87	-2.973	-0.0017	/	Pass
				0	3.87	-11.466	-0.0064	/	Pass
				10	3.87	-5.013	-0.0028	/	Pass
				30	3.87	3.261	0.0018	/	Pass
				40	3.87	7.285	0.0041	/	Pass
				50	3.87	-9.610	-0.0054	/	Pass



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2.3 B66\_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.5	-9.609	-0.0056	/	Pass
					3.87	-3.509	-0.0020	/	Pass
					4.45	2.858	0.0017	/	Pass
				-30	3.87	2.059	0.0012	/	Pass
				-20	3.87	-4.539	-0.0027	/	Pass
				-10	3.87	-7.803	-0.0046	/	Pass
				0	3.87	7.620	0.0044	/	Pass
				10	3.87	9.657	0.0056	/	Pass
				30	3.87	3.765	0.0022	/	Pass
				40	3.87	-9.271	-0.0054	/	Pass
	50	3.87	2.413	0.0014	/	Pass			
	1745	25	0	20	3.5	2.709	0.0016	/	Pass
					3.87	7.958	0.0046	/	Pass
					4.45	-3.000	-0.0017	/	Pass
				-30	3.87	-2.068	-0.0012	/	Pass
				-20	3.87	3.769	0.0022	/	Pass
				-10	3.87	-9.367	-0.0054	/	Pass
				0	3.87	11.771	0.0067	/	Pass
				10	3.87	2.246	0.0013	/	Pass
				30	3.87	-4.707	-0.0027	/	Pass
				40	3.87	-9.027	-0.0052	/	Pass
	50	3.87	-0.408	-0.0002	/	Pass			
	1777.5	25	0	20	3.5	0.563	0.0003	/	Pass
					3.87	-3.614	-0.0020	/	Pass
					4.45	-0.312	-0.0002	/	Pass
				-30	3.87	0.257	0.0001	/	Pass
				-20	3.87	1.722	0.0010	/	Pass
				-10	3.87	-7.394	-0.0042	/	Pass
				0	3.87	-0.849	-0.0005	/	Pass
				10	3.87	-8.291	-0.0047	/	Pass
30				3.87	6.774	0.0038	/	Pass	
40				3.87	11.129	0.0063	/	Pass	
50	3.87	2.877	0.0016	/	Pass				
16QAM	1712.5	25	0	20	3.5	11.252	0.0066	/	Pass
					3.87	0.021	0.0000	/	Pass
					4.45	1.767	0.0010	/	Pass
				-30	3.87	4.560	0.0027	/	Pass
				-20	3.87	3.982	0.0023	/	Pass
				-10	3.87	1.940	0.0011	/	Pass
				0	3.87	1.768	0.0010	/	Pass
				10	3.87	2.419	0.0014	/	Pass



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				30	3.87	0.780	0.0005	/	Pass					
				40	3.87	-4.614	-0.0027	/	Pass					
				50	3.87	-0.546	-0.0003	/	Pass					
1745	25	0		20	3.5	7.269	0.0042	/	Pass					
					3.87	0.322	0.0002	/	Pass					
					4.45	0.917	0.0005	/	Pass					
								-30	3.87	-1.807	-0.0010	/	Pass	
									-20	3.87	-6.193	-0.0035	/	Pass
									-10	3.87	6.892	0.0039	/	Pass
								0	3.87	-3.345	-0.0019	/	Pass	
									10	3.87	2.031	0.0012	/	Pass
									30	3.87	3.585	0.0021	/	Pass
									40	3.87	10.450	0.0060	/	Pass
									50	3.87	4.131	0.0024	/	Pass
									1777.5	25	0		20	3.5
3.87	10.270	0.0058	/											Pass
4.45	7.826	0.0044	/	Pass										
				-30	3.87	-3.801	-0.0021	/					Pass	
					-20	3.87	-2.405	-0.0014					/	Pass
					-10	3.87	-6.064	-0.0034					/	Pass
				0	3.87	0.541	0.0003	/					Pass	
					10	3.87	9.059	0.0051					/	Pass
					30	3.87	-2.026	-0.0011					/	Pass
					40	3.87	1.297	0.0007					/	Pass
					50	3.87	8.285	0.0047	/	Pass				
					64QAM	25	0		20	3.5	4.415	0.0026	/	Pass
										3.87	9.536	0.0056	/	Pass
4.45	-3.253	-0.0019	/	Pass										
				-30					3.87	14.228	0.0083	/	Pass	
									-20	3.87	-8.730	-0.0051	/	Pass
									-10	3.87	-4.844	-0.0028	/	Pass
				0					3.87	9.749	0.0057	/	Pass	
									10	3.87	-3.668	-0.0021	/	Pass
									30	3.87	-7.374	-0.0043	/	Pass
									40	3.87	11.699	0.0068	/	Pass
									50	3.87	-4.640	-0.0027	/	Pass
									1745	25	0		20	3.5
					3.87	-5.066	-0.0029	/						Pass
4.45	-2.062	-0.0012	/	Pass										
				-30	3.87	1.312	0.0008	/					Pass	
					-20	3.87	-10.365	-0.0059					/	Pass
					-10	3.87	-6.302	-0.0036					/	Pass
				0	3.87	-6.739	-0.0039	/					Pass	
					10	3.87	-7.103	-0.0041					/	Pass
					30	3.87	5.578	0.0032					/	Pass
					40	3.87	1.670	0.0010					/	Pass
					50	3.87	-8.200	-0.0047	/	Pass				
					1777.5	25	0		20	3.5	1.631	0.0009	/	Pass
										3.87	-7.426	-0.0042	/	Pass



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				4.45	-4.833	-0.0027	/	Pass
			-30	3.87	3.565	0.0020	/	Pass
			-20	3.87	0.585	0.0003	/	Pass
			-10	3.87	3.368	0.0019	/	Pass
			0	3.87	6.157	0.0035	/	Pass
			10	3.87	1.196	0.0007	/	Pass
			30	3.87	-1.525	-0.0009	/	Pass
			40	3.87	3.386	0.0019	/	Pass
			50	3.87	12.523	0.0070	/	Pass



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2.4 B66\_10MHz

2.4.1 Test Result

Band: 66 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1715	50	0	20	3.5	-6.650	-0.0039	/	Pass	
					3.87	8.961	0.0052	/	Pass	
					4.45	-1.947	-0.0011	/	Pass	
				-30	3.87	-6.388	-0.0037	/	Pass	
					-20	3.87	12.788	0.0075	/	Pass
						-10	3.87	5.494	0.0032	/
				0	3.87	2.534	0.0015	/	Pass	
				10	3.87	6.262	0.0037	/	Pass	
				30	3.87	0.151	0.0001	/	Pass	
				40	3.87	-1.589	-0.0009	/	Pass	
	50	3.87	0.355	0.0002	/	Pass				
	1745	50	0	20	3.5	0.051	0.0000	/	Pass	
					3.87	2.122	0.0012	/	Pass	
					4.45	3.928	0.0023	/	Pass	
				-30	3.87	-2.329	-0.0013	/	Pass	
					-20	3.87	0.754	0.0004	/	Pass
						-10	3.87	-7.545	-0.0043	/
				0	3.87	0.761	0.0004	/	Pass	
				10	3.87	1.966	0.0011	/	Pass	
				30	3.87	1.640	0.0009	/	Pass	
				40	3.87	1.938	0.0011	/	Pass	
	50	3.87	1.976	0.0011	/	Pass				
	1775	50	0	20	3.5	-9.988	-0.0056	/	Pass	
					3.87	-4.699	-0.0026	/	Pass	
					4.45	-1.732	-0.0010	/	Pass	
				-30	3.87	6.472	0.0036	/	Pass	
					-20	3.87	-6.456	-0.0036	/	Pass
						-10	3.87	-8.490	-0.0048	/
				0	3.87	-10.554	-0.0059	/	Pass	
				10	3.87	5.326	0.0030	/	Pass	
30				3.87	-8.457	-0.0048	/	Pass		
40				3.87	-2.741	-0.0015	/	Pass		
50	3.87	-2.188	-0.0012	/	Pass					
16QAM	1715	50	0	20	3.5	0.129	0.0001	/	Pass	
					3.87	-3.216	-0.0019	/	Pass	
					4.45	-0.268	-0.0002	/	Pass	
				-30	3.87	0.069	0.0000	/	Pass	
					-20	3.87	-3.502	-0.0020	/	Pass
						-10	3.87	-0.745	-0.0004	/
				0	3.87	-5.892	-0.0034	/	Pass	
				10	3.87	1.819	0.0011	/	Pass	



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				30	3.87	-4.820	-0.0028	/	Pass					
				40	3.87	-3.534	-0.0021	/	Pass					
				50	3.87	1.583	0.0009	/	Pass					
1745	50	0		20	3.5	-5.168	-0.0030	/	Pass					
					3.87	8.041	0.0046	/	Pass					
					4.45	-0.645	-0.0004	/	Pass					
								-30	3.87	-4.085	-0.0023	/	Pass	
									-20	3.87	-1.177	-0.0007	/	Pass
									-10	3.87	3.753	0.0022	/	Pass
								0	3.87	-5.399	-0.0031	/	Pass	
									10	3.87	0.336	0.0002	/	Pass
									30	3.87	-0.223	-0.0001	/	Pass
									40	3.87	-7.373	-0.0042	/	Pass
									50	3.87	1.457	0.0008	/	Pass
									1775	50	0		20	3.5
3.87	-0.780	-0.0004	/	Pass										
4.45	-2.953	-0.0017	/	Pass										
				-30	3.87	-9.368	-0.0053	/					Pass	
					-20	3.87	-4.277	-0.0024					/	Pass
					-10	3.87	3.558	0.0020					/	Pass
				0	3.87	-2.979	-0.0017	/					Pass	
					10	3.87	-0.588	-0.0003					/	Pass
					30	3.87	-1.862	-0.0010					/	Pass
					40	3.87	-2.252	-0.0013					/	Pass
					50	3.87	4.819	0.0027					/	Pass
					64QAM	50	0						20	3.5
3.87	3.876	0.0023	/	Pass										
4.45	-3.235	-0.0019	/	Pass										
				-30					3.87	-5.243	-0.0031	/	Pass	
									-20	3.87	3.940	0.0023	/	Pass
									-10	3.87	0.743	0.0004	/	Pass
				0					3.87	-8.304	-0.0048	/	Pass	
									10	3.87	9.280	0.0054	/	Pass
									30	3.87	-2.522	-0.0015	/	Pass
									40	3.87	7.064	0.0041	/	Pass
									50	3.87	-0.777	-0.0005	/	Pass
									1745	50	0		20	3.5
3.87	2.786	0.0016	/	Pass										
4.45	0.667	0.0004	/	Pass										
				-30	3.87	-6.281	-0.0036	/					Pass	
					-20	3.87	1.536	0.0009					/	Pass
					-10	3.87	0.718	0.0004					/	Pass
				0	3.87	5.673	0.0033	/					Pass	
					10	3.87	-5.684	-0.0033					/	Pass
					30	3.87	4.813	0.0028					/	Pass
					40	3.87	1.040	0.0006					/	Pass
					50	3.87	2.848	0.0016					/	Pass
					1775	50	0	20					3.5	5.152
3.87	-4.400	-0.0025	/	Pass										



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				4.45	-2.985	-0.0017	/	Pass
			-30	3.87	-0.499	-0.0003	/	Pass
			-20	3.87	-2.504	-0.0014	/	Pass
			-10	3.87	-2.622	-0.0015	/	Pass
			0	3.87	-3.493	-0.0020	/	Pass
			10	3.87	6.181	0.0035	/	Pass
			30	3.87	3.220	0.0018	/	Pass
			40	3.87	-2.166	-0.0012	/	Pass
			50	3.87	1.741	0.0010	/	Pass



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2.5 B66\_15MHz

2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	1717.5	75	0	20	3.5	-1.142	-0.0007	/	Pass			
					3.87	12.282	0.0072	/	Pass			
					4.45	9.672	0.0056	/	Pass			
				-30	3.87	-3.970	-0.0023	/	Pass			
					-20	3.87	-4.276	-0.0025	/	Pass		
						-10	3.87	-8.034	-0.0047	/	Pass	
				0	3.87	3.257	0.0019	/	Pass			
				10	3.87	-10.844	-0.0063	/	Pass			
				30	3.87	7.914	0.0046	/	Pass			
				40	3.87	3.867	0.0023	/	Pass			
				50	3.87	5.982	0.0035	/	Pass			
				1745	75	0	20	3.5	-2.204	-0.0013	/	Pass
								3.87	-3.501	-0.0020	/	Pass
								4.45	9.296	0.0053	/	Pass
							-30	3.87	-6.974	-0.0040	/	Pass
	-20	3.87	7.717					0.0044	/	Pass		
		-10	3.87					-2.514	-0.0014	/	Pass	
	0	3.87	1.152				0.0007	/	Pass			
	10	3.87	-4.240				-0.0024	/	Pass			
	30	3.87	-0.099				-0.0001	/	Pass			
	40	3.87	3.344				0.0019	/	Pass			
	50	3.87	1.336				0.0008	/	Pass			
	1772.5	75	0				20	3.5	-4.301	-0.0024	/	Pass
								3.87	-1.584	-0.0009	/	Pass
								4.45	-5.015	-0.0028	/	Pass
							-30	3.87	5.368	0.0030	/	Pass
				-20	3.87	-0.466		-0.0003	/	Pass		
					-10	3.87		-3.752	-0.0021	/	Pass	
				0	3.87	-2.611	-0.0015	/	Pass			
				10	3.87	8.135	0.0046	/	Pass			
30				3.87	3.407	0.0019	/	Pass				
40				3.87	-11.101	-0.0063	/	Pass				
50				3.87	3.757	0.0021	/	Pass				
16QAM				1717.5	75	0	20	3.5	14.249	0.0083	/	Pass
								3.87	9.110	0.0053	/	Pass
								4.45	0.648	0.0004	/	Pass
							-30	3.87	-3.382	-0.0020	/	Pass
	-20	3.87	-2.096					-0.0012	/	Pass		
		-10	3.87					-1.853	-0.0011	/	Pass	
	0	3.87	0.420				0.0002	/	Pass			
	10	3.87	5.020				0.0029	/	Pass			



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				30	3.87	2.735	0.0016	/	Pass	
				40	3.87	0.199	0.0001	/	Pass	
				50	3.87	-2.329	-0.0014	/	Pass	
1745	75	0		20	3.5	1.443	0.0008	/	Pass	
					3.87	-4.233	-0.0024	/	Pass	
					4.45	-3.692	-0.0021	/	Pass	
				-30	3.87	-7.060	-0.0040	/	Pass	
				-20	3.87	1.164	0.0007	/	Pass	
				-10	3.87	6.533	0.0037	/	Pass	
				0	3.87	5.035	0.0029	/	Pass	
				10	3.87	-9.931	-0.0057	/	Pass	
				30	3.87	-3.916	-0.0022	/	Pass	
				40	3.87	0.073	0.0000	/	Pass	
				50	3.87	-0.973	-0.0006	/	Pass	
				1772.5	75	0		20	3.5	-4.334
3.87	-0.863	-0.0005	/						Pass	
4.45	-4.857	-0.0027	/						Pass	
-30	3.87	8.510	0.0048					/	Pass	
-20	3.87	-2.953	-0.0017					/	Pass	
-10	3.87	0.757	0.0004					/	Pass	
0	3.87	-6.762	-0.0038					/	Pass	
10	3.87	-5.178	-0.0029					/	Pass	
30	3.87	6.014	0.0034					/	Pass	
40	3.87	7.014	0.0040					/	Pass	
50	3.87	-1.221	-0.0007					/	Pass	
64QAM	1717.5	75	0					20	3.5	2.637
				3.87	12.087	0.0070	/		Pass	
				4.45	-1.159	-0.0007	/		Pass	
				-30	3.87	10.379	0.0060	/	Pass	
				-20	3.87	5.567	0.0032	/	Pass	
				-10	3.87	3.423	0.0020	/	Pass	
				0	3.87	-6.085	-0.0035	/	Pass	
				10	3.87	9.863	0.0057	/	Pass	
				30	3.87	0.429	0.0002	/	Pass	
				40	3.87	-0.031	0.0000	/	Pass	
				50	3.87	8.368	0.0049	/	Pass	
				1745	75	0		20	3.5	4.370
	3.87	4.962	0.0028						/	Pass
	4.45	-10.150	-0.0058						/	Pass
	-30	3.87	9.289					0.0053	/	Pass
	-20	3.87	-7.769					-0.0045	/	Pass
	-10	3.87	-9.214					-0.0053	/	Pass
	0	3.87	-10.873					-0.0062	/	Pass
	10	3.87	4.899					0.0028	/	Pass
	30	3.87	-7.369					-0.0042	/	Pass
	40	3.87	-11.024					-0.0063	/	Pass
	50	3.87	-6.081					-0.0035	/	Pass
	1772.5	75	0					20	3.5	5.769
				3.87	7.536	0.0043	/		Pass	



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				4.45	1.093	0.0006	/	Pass
				-30	3.87	-4.505	-0.0025	Pass
				-20	3.87	-6.513	-0.0037	Pass
				-10	3.87	0.378	0.0002	Pass
				0	3.87	0.432	0.0002	Pass
				10	3.87	6.812	0.0038	Pass
				30	3.87	-3.501	-0.0020	Pass
				40	3.87	-1.291	-0.0007	Pass
				50	3.87	4.546	0.0026	Pass



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2.6 B66\_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1720	100	0	20	3.5	-5.854	-0.0034	/	Pass	
					3.87	3.934	0.0023	/	Pass	
					4.45	-9.027	-0.0052	/	Pass	
				-30	3.87	4.254	0.0025	/	Pass	
					-20	3.87	-3.367	-0.0020	/	Pass
						3.87	9.399	0.0055	/	Pass
				0	3.87	0.279	0.0002	/	Pass	
				10	3.87	3.629	0.0021	/	Pass	
				30	3.87	1.653	0.0010	/	Pass	
				40	3.87	-5.685	-0.0033	/	Pass	
	50	3.87	2.109	0.0012	/	Pass				
	1745	100	0	20	3.5	1.899	0.0011	/	Pass	
					3.87	3.130	0.0018	/	Pass	
					4.45	-1.632	-0.0009	/	Pass	
				-30	3.87	-3.937	-0.0023	/	Pass	
					-20	3.87	5.582	0.0032	/	Pass
						3.87	2.438	0.0014	/	Pass
				0	3.87	-8.172	-0.0047	/	Pass	
				10	3.87	5.266	0.0030	/	Pass	
				30	3.87	-1.328	-0.0008	/	Pass	
				40	3.87	-8.417	-0.0048	/	Pass	
	50	3.87	-4.569	-0.0026	/	Pass				
	1770	100	0	20	3.5	-8.787	-0.0050	/	Pass	
					3.87	-3.315	-0.0019	/	Pass	
					4.45	-9.309	-0.0053	/	Pass	
				-30	3.87	-3.823	-0.0022	/	Pass	
					-20	3.87	-2.989	-0.0017	/	Pass
						3.87	2.863	0.0016	/	Pass
				0	3.87	-4.268	-0.0024	/	Pass	
				10	3.87	-6.589	-0.0037	/	Pass	
30				3.87	-1.446	-0.0008	/	Pass		
40				3.87	-10.247	-0.0058	/	Pass		
50	3.87	0.255	0.0001	/	Pass					
16QAM	1720	100	0	20	3.5	-4.390	-0.0026	/	Pass	
					3.87	-5.462	-0.0032	/	Pass	
					4.45	-2.333	-0.0014	/	Pass	
				-30	3.87	3.219	0.0019	/	Pass	
					-20	3.87	-1.266	-0.0007	/	Pass
						3.87	-0.832	-0.0005	/	Pass
				0	3.87	-1.129	-0.0007	/	Pass	
				10	3.87	-4.306	-0.0025	/	Pass	



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Table with columns for test parameters (e.g., 30, 40, 50, 20, -30, -20, -10, 0, 10, 30, 40, 50) and results (e.g., 3.87, -2.237, -0.0013, /, Pass). Rows are grouped by test ID (1745, 1770, 1720, 1745, 1770) and parameters (100, 0).



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				4.45	-5.604	-0.0032	/	Pass
			-30	3.87	-4.905	-0.0028	/	Pass
			-20	3.87	-11.336	-0.0064	/	Pass
			-10	3.87	-8.217	-0.0046	/	Pass
			0	3.87	-3.719	-0.0021	/	Pass
			10	3.87	-7.334	-0.0041	/	Pass
			30	3.87	0.081	0.0000	/	Pass
			40	3.87	0.936	0.0005	/	Pass
			50	3.87	-7.186	-0.0041	/	Pass



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3. 99% & 26dB Bandwidth

3.1 Band66\_OBW

3.1.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.108	/	Pass
		1779.3	6	0	1.100	/	Pass
	16QAM	1710.7	6	0	1.097	/	Pass
		1745	6	0	1.098	/	Pass
		1779.3	6	0	1.102	/	Pass
	64QAM	1710.7	6	0	1.108	/	Pass
		1745	6	0	1.097	/	Pass
		1779.3	6	0	1.097	/	Pass
3	QPSK	1711.5	15	0	2.739	/	Pass
		1745	15	0	2.736	/	Pass
		1778.5	15	0	2.739	/	Pass
	16QAM	1711.5	15	0	2.731	/	Pass
		1745	15	0	2.740	/	Pass
		1778.5	15	0	2.729	/	Pass
	64QAM	1711.5	15	0	2.741	/	Pass
		1745	15	0	2.735	/	Pass
		1778.5	15	0	2.738	/	Pass
5	QPSK	1712.5	25	0	4.529	/	Pass
		1745	25	0	4.511	/	Pass
		1777.5	25	0	4.517	/	Pass
	16QAM	1712.5	25	0	4.512	/	Pass
		1745	25	0	4.530	/	Pass
		1777.5	25	0	4.532	/	Pass
	64QAM	1712.5	25	0	4.518	/	Pass
		1745	25	0	4.530	/	Pass
		1777.5	25	0	4.508	/	Pass
10	QPSK	1715	50	0	9.035	/	Pass
		1745	50	0	9.001	/	Pass
		1775	50	0	9.038	/	Pass
	16QAM	1715	50	0	9.027	/	Pass
		1745	50	0	9.021	/	Pass
		1775	50	0	9.033	/	Pass
	64QAM	1715	50	0	9.009	/	Pass
		1745	50	0	8.999	/	Pass
		1775	50	0	9.021	/	Pass
15	QPSK	1717.5	75	0	13.561	/	Pass
		1745	75	0	13.488	/	Pass
		1772.5	75	0	13.523	/	Pass



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	16QAM	1717.5	75	0	13.520	/	Pass	
		1745	75	0	13.528	/	Pass	
		1772.5	75	0	13.528	/	Pass	
	64QAM	1717.5	75	0	13.506	/	Pass	
		1745	75	0	13.503	/	Pass	
		1772.5	75	0	13.519	/	Pass	
	20	QPSK	1720	100	0	18.105	/	Pass
			1745	100	0	18.023	/	Pass
			1770	100	0	18.062	/	Pass
16QAM		1720	100	0	18.159	/	Pass	
		1745	100	0	18.078	/	Pass	
		1770	100	0	18.017	/	Pass	
64QAM		1720	100	0	18.084	/	Pass	
		1745	100	0	18.121	/	Pass	
		1770	100	0	18.035	/	Pass	



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3.2 Band66\_XDB

3.2.1 Test Result

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.335	/	Pass
		1745	6	0	1.290	/	Pass
		1779.3	6	0	1.304	/	Pass
	16QAM	1710.7	6	0	1.295	/	Pass
		1745	6	0	1.321	/	Pass
		1779.3	6	0	1.330	/	Pass
	64QAM	1710.7	6	0	1.348	/	Pass
		1745	6	0	1.296	/	Pass
		1779.3	6	0	1.316	/	Pass
3	QPSK	1711.5	15	0	3.041	/	Pass
		1745	15	0	3.032	/	Pass
		1778.5	15	0	3.030	/	Pass
	16QAM	1711.5	15	0	3.048	/	Pass
		1745	15	0	3.028	/	Pass
		1778.5	15	0	3.042	/	Pass
	64QAM	1711.5	15	0	3.040	/	Pass
		1745	15	0	3.028	/	Pass
		1778.5	15	0	3.034	/	Pass
5	QPSK	1712.5	25	0	5.023	/	Pass
		1745	25	0	4.982	/	Pass
		1777.5	25	0	5.003	/	Pass
	16QAM	1712.5	25	0	4.959	/	Pass
		1745	25	0	4.975	/	Pass
		1777.5	25	0	5.027	/	Pass
	64QAM	1712.5	25	0	4.964	/	Pass
		1745	25	0	4.992	/	Pass
		1777.5	25	0	5.027	/	Pass
10	QPSK	1715	50	0	10.200	/	Pass
		1745	50	0	9.825	/	Pass
		1775	50	0	9.826	/	Pass
	16QAM	1715	50	0	9.901	/	Pass
		1745	50	0	9.789	/	Pass
		1775	50	0	9.910	/	Pass
	64QAM	1715	50	0	9.859	/	Pass
		1745	50	0	9.902	/	Pass
		1775	50	0	9.907	/	Pass
15	QPSK	1717.5	75	0	14.765	/	Pass
		1745	75	0	14.669	/	Pass
		1772.5	75	0	14.701	/	Pass
	16QAM	1717.5	75	0	14.798	/	Pass
		1745	75	0	14.721	/	Pass



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		1772.5	75	0	14.806	/	Pass
	64QAM	1717.5	75	0	14.699	/	Pass
		1745	75	0	14.715	/	Pass
		1772.5	75	0	14.732	/	Pass
20		QPSK	1720	100	0	19.609	/
	1745		100	0	19.660	/	Pass
	1770		100	0	19.795	/	Pass
	16QAM	1720	100	0	19.733	/	Pass
		1745	100	0	19.650	/	Pass
		1770	100	0	19.644	/	Pass
	64QAM	1720	100	0	19.675	/	Pass
		1745	100	0	19.663	/	Pass
		1770	100	0	19.473	/	Pass



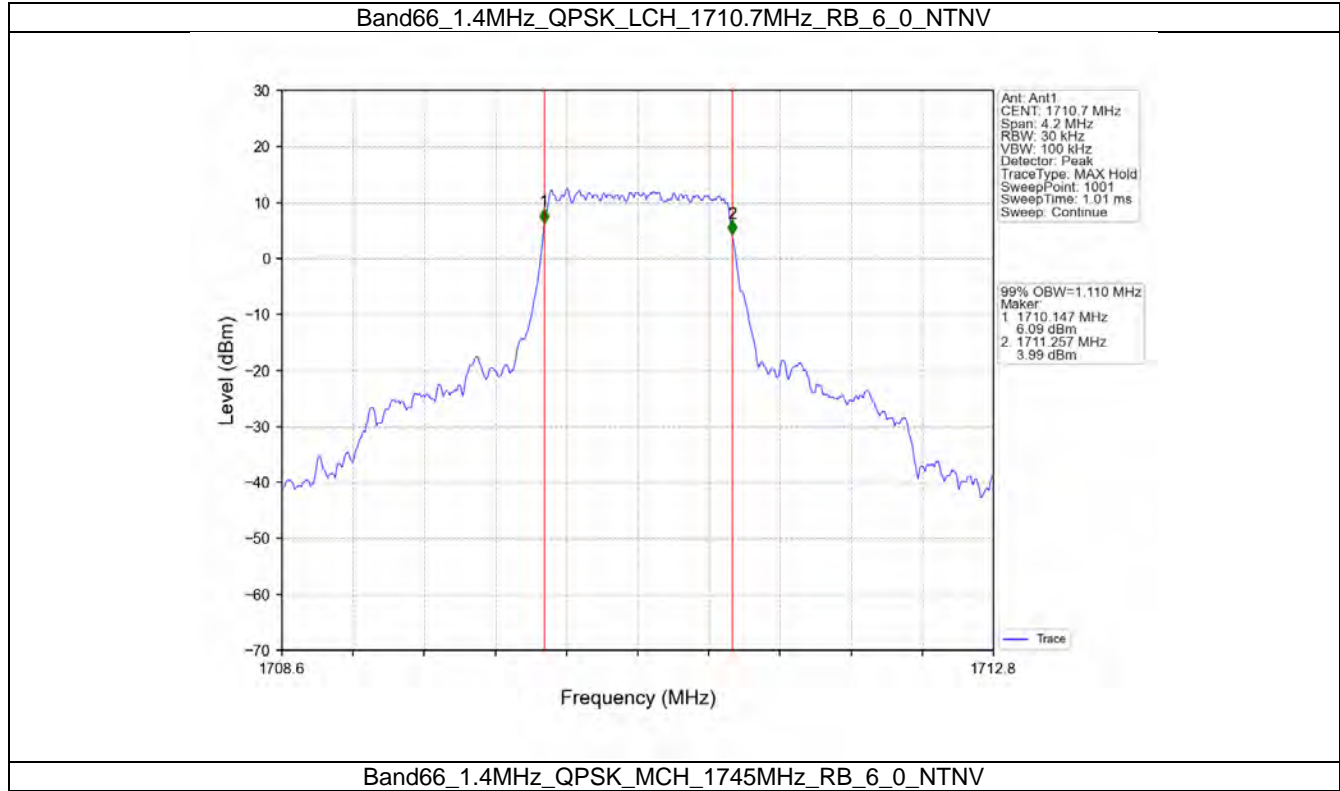
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3.1 Band66\_OBW

3.1.2 Test Graph

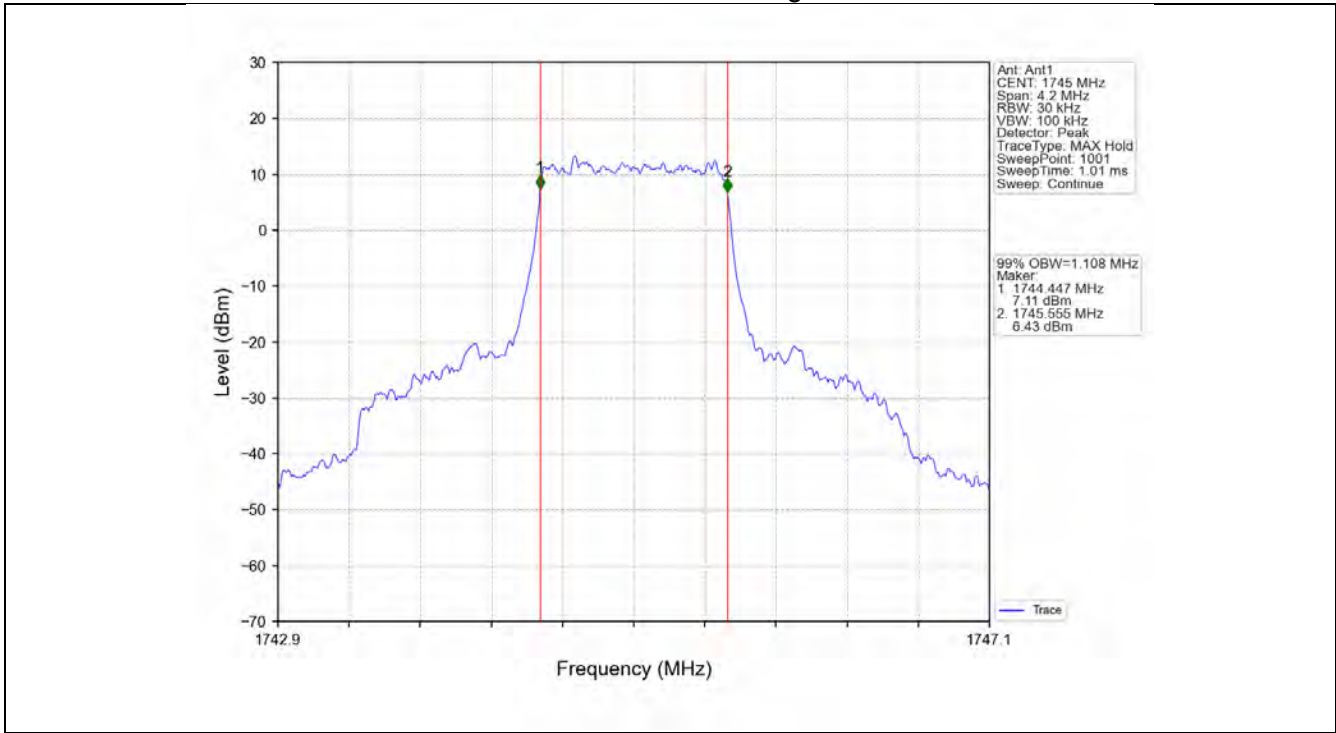


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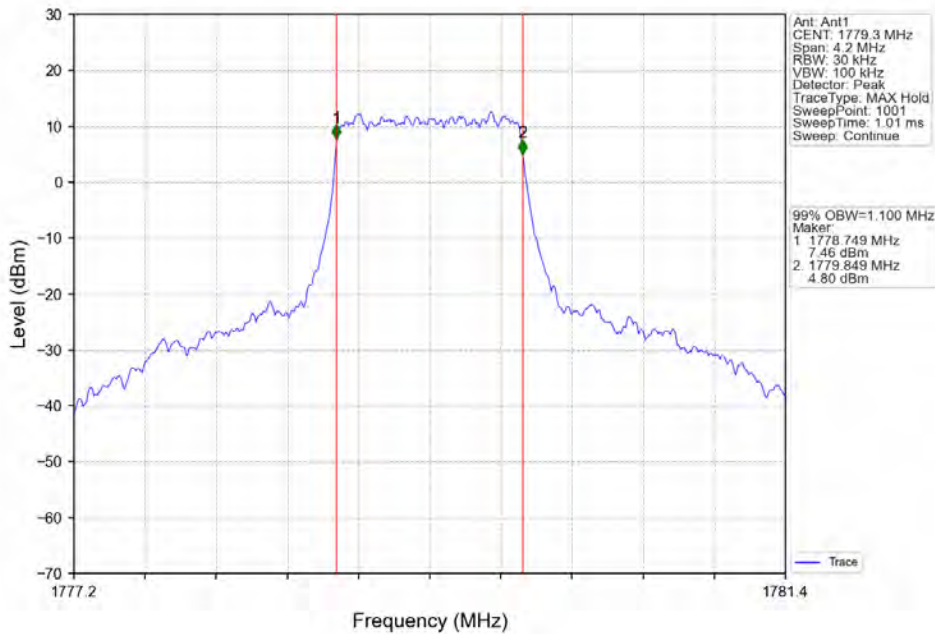


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Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



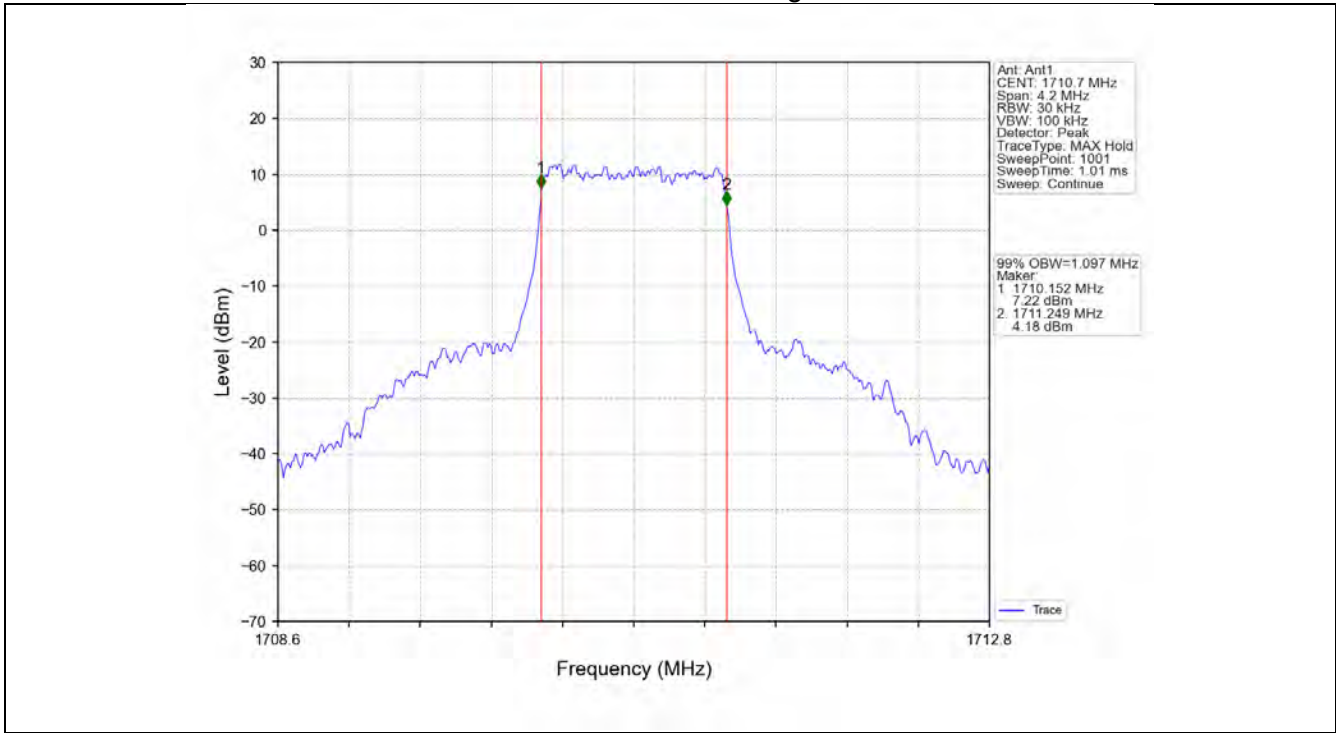
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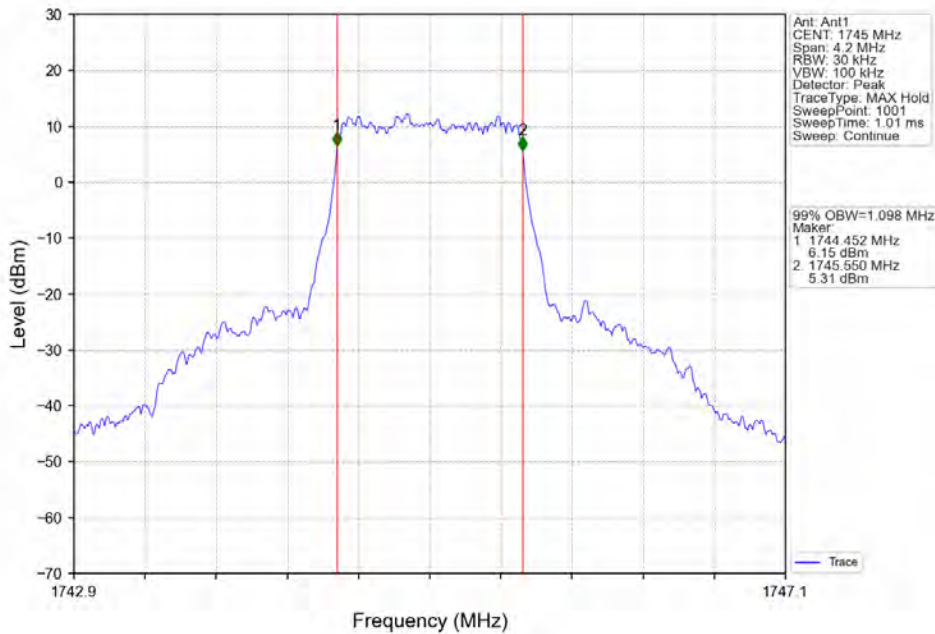


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Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



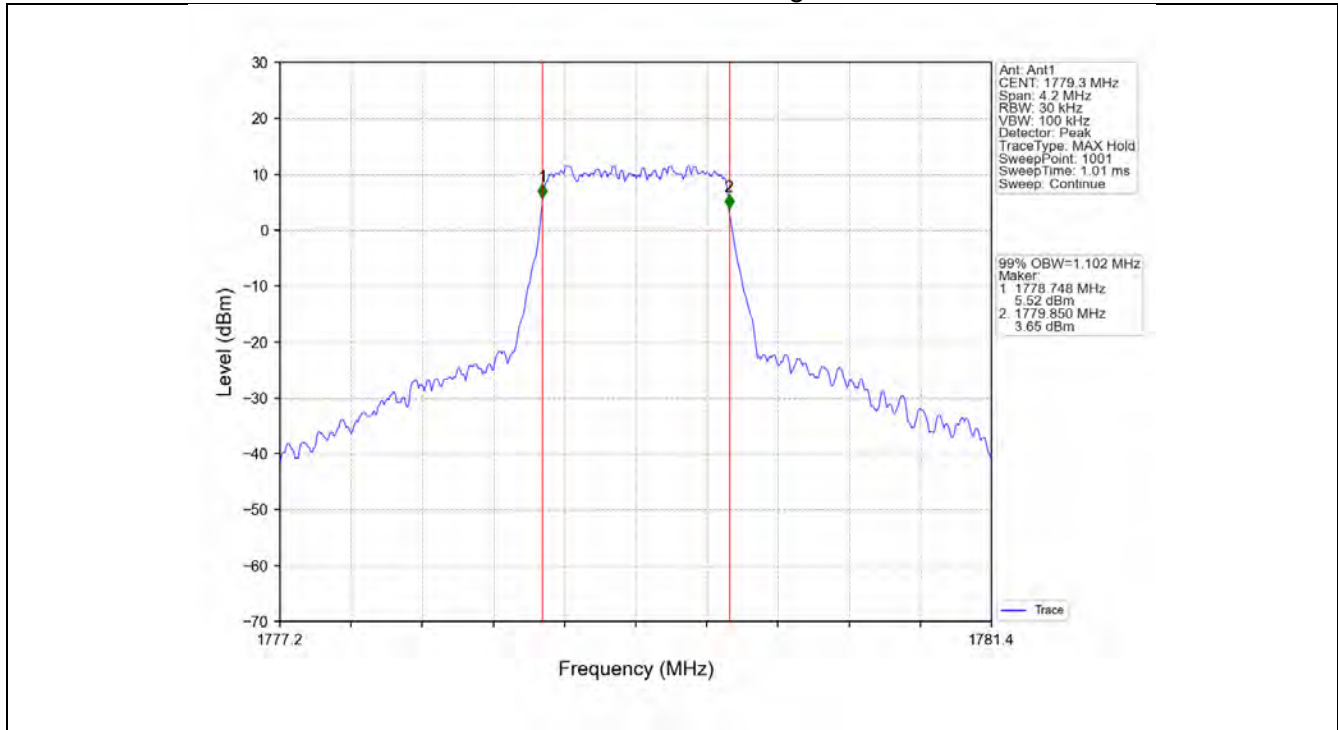
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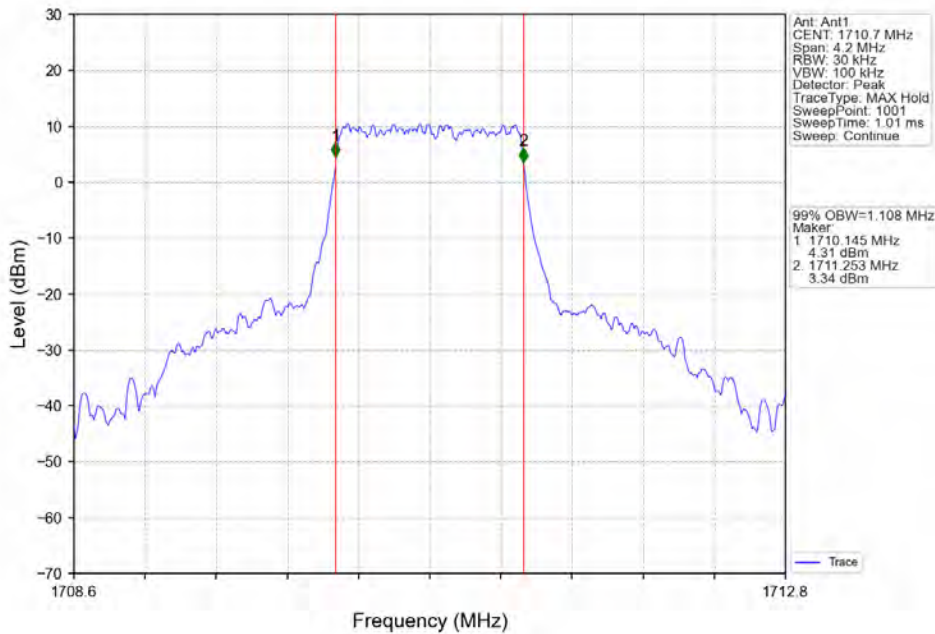
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Band66\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



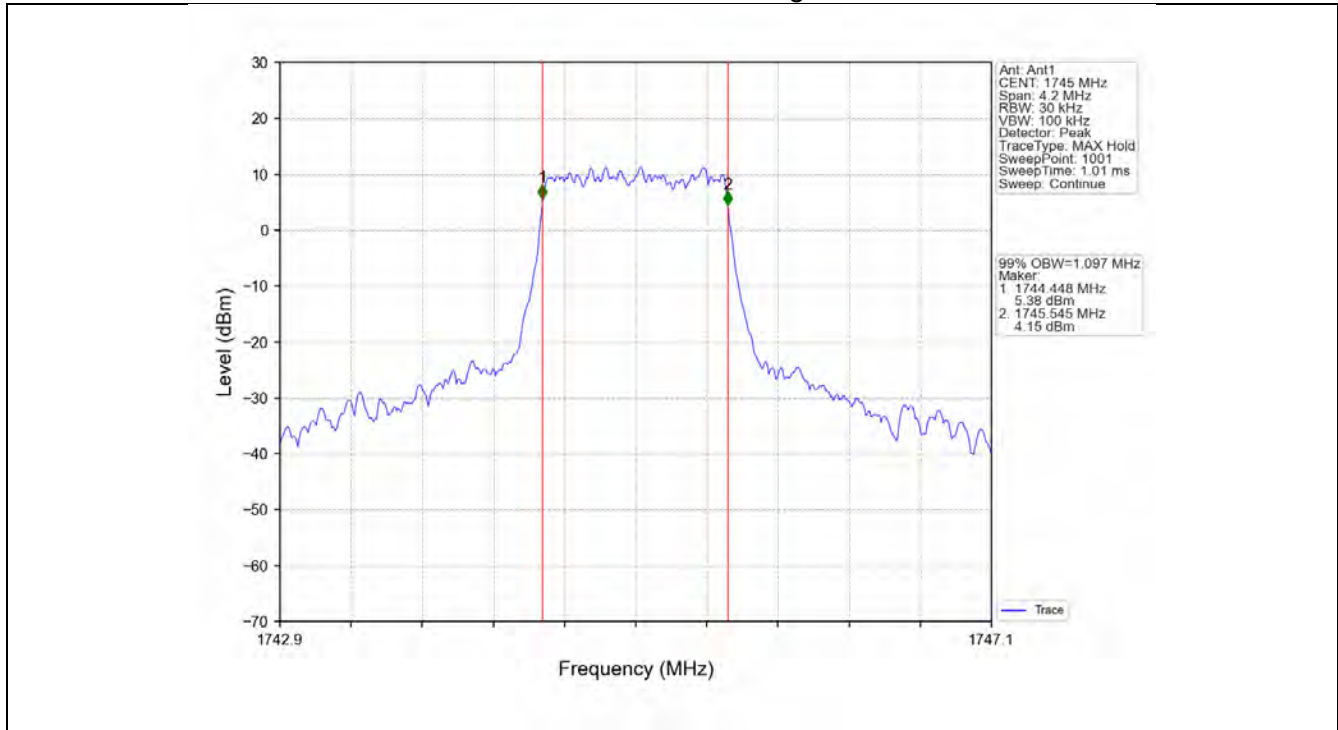
Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



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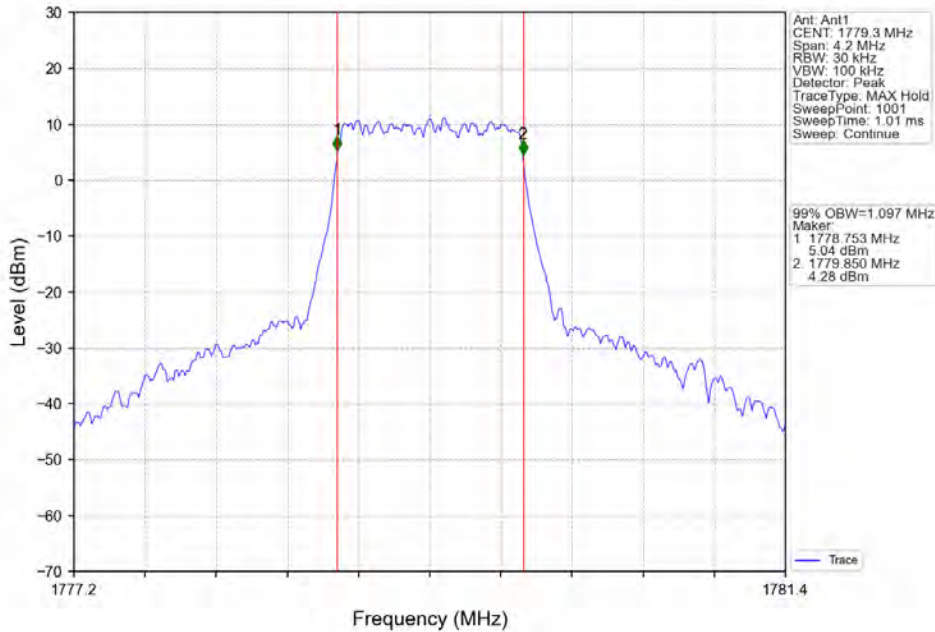


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Band66\_1.4MHz\_64QAM\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV

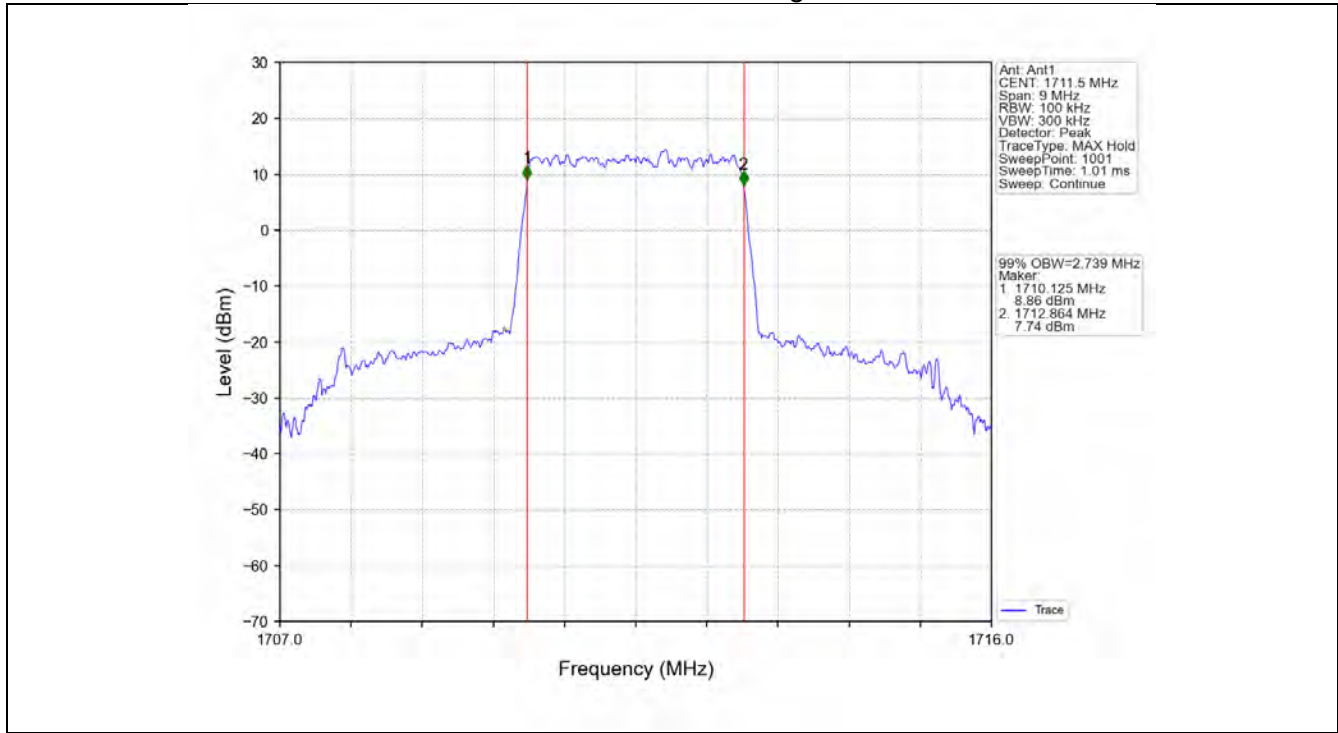


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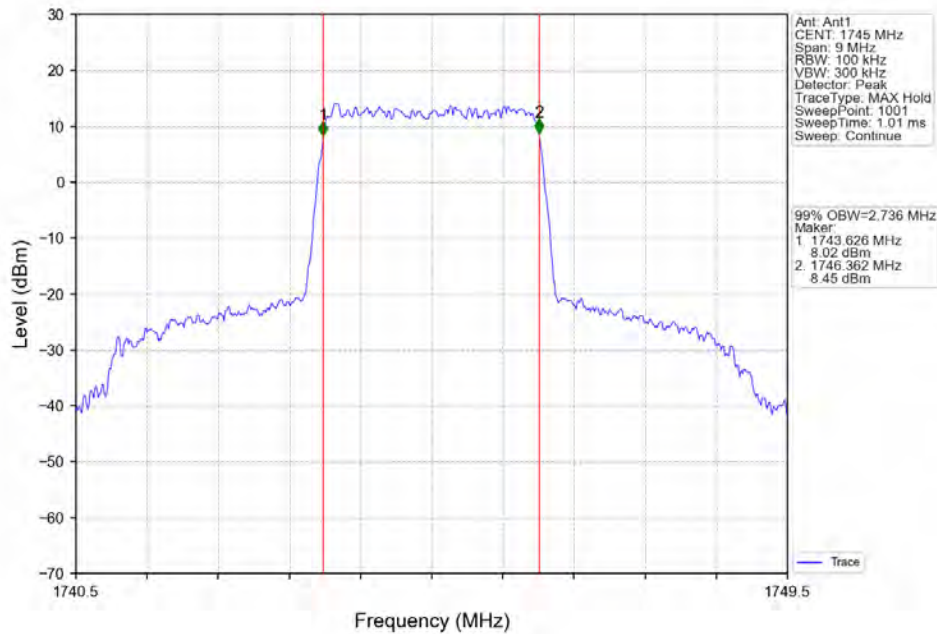


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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



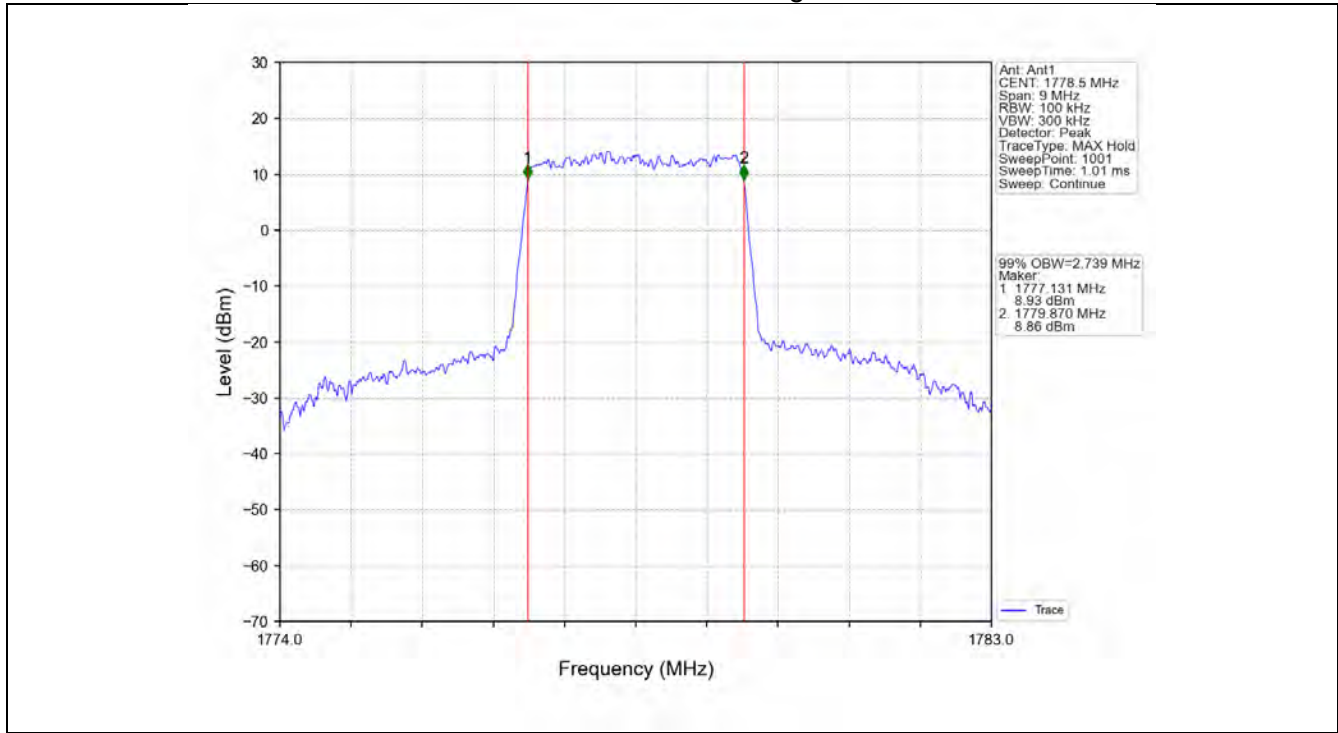
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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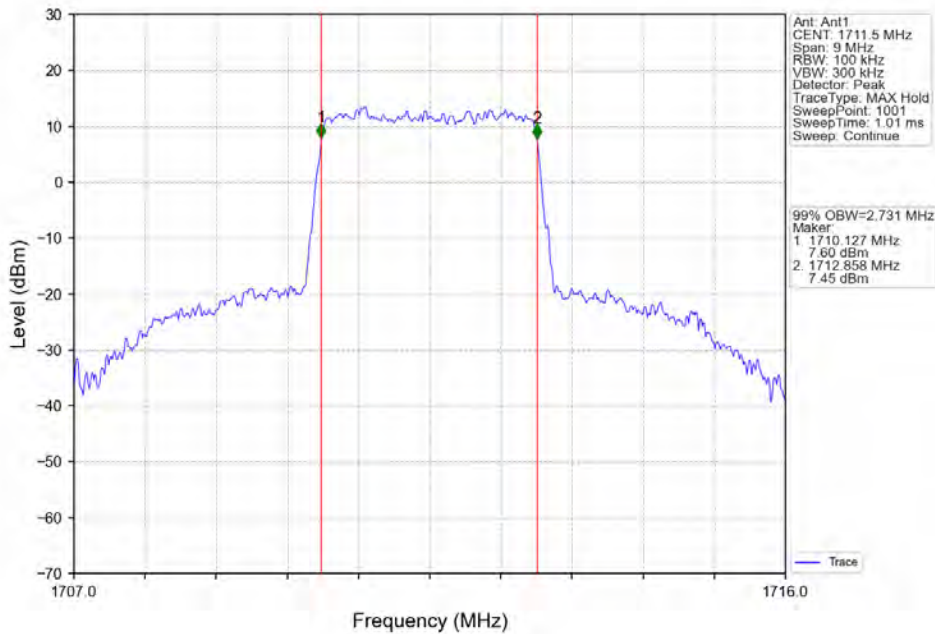


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Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



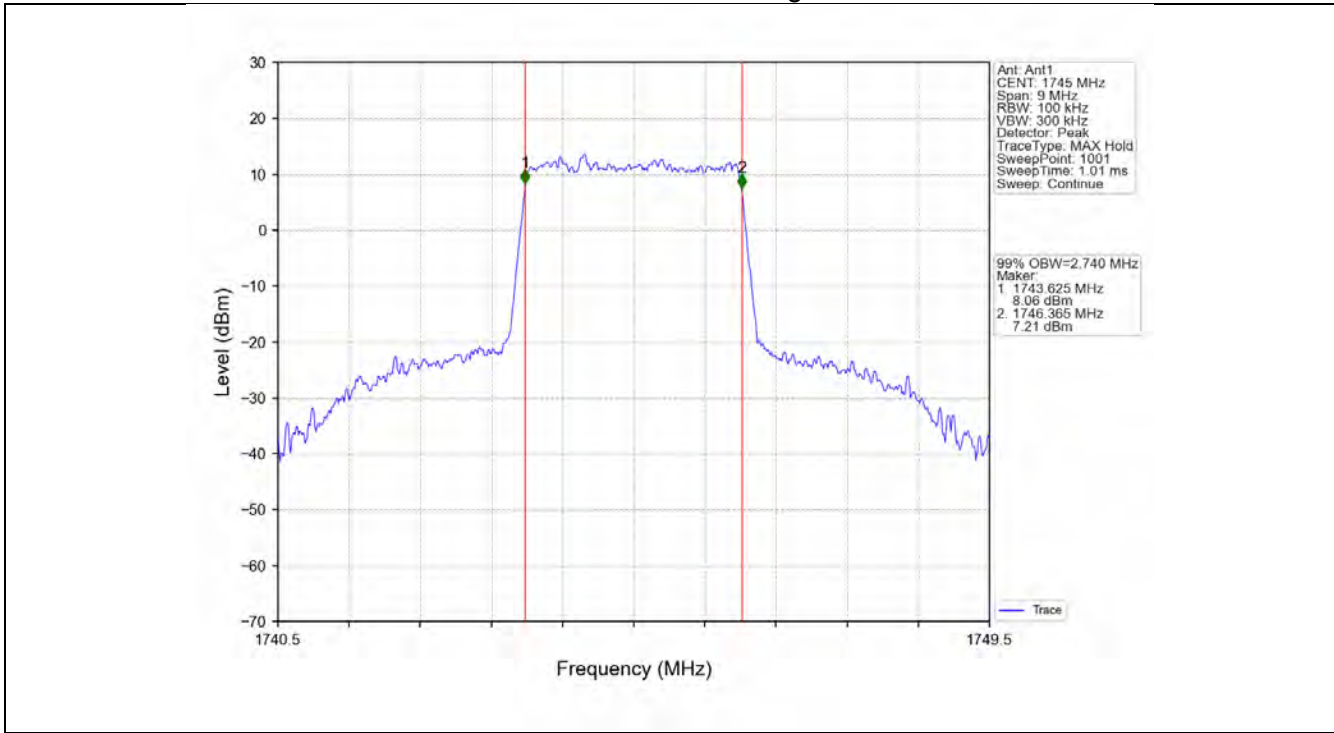
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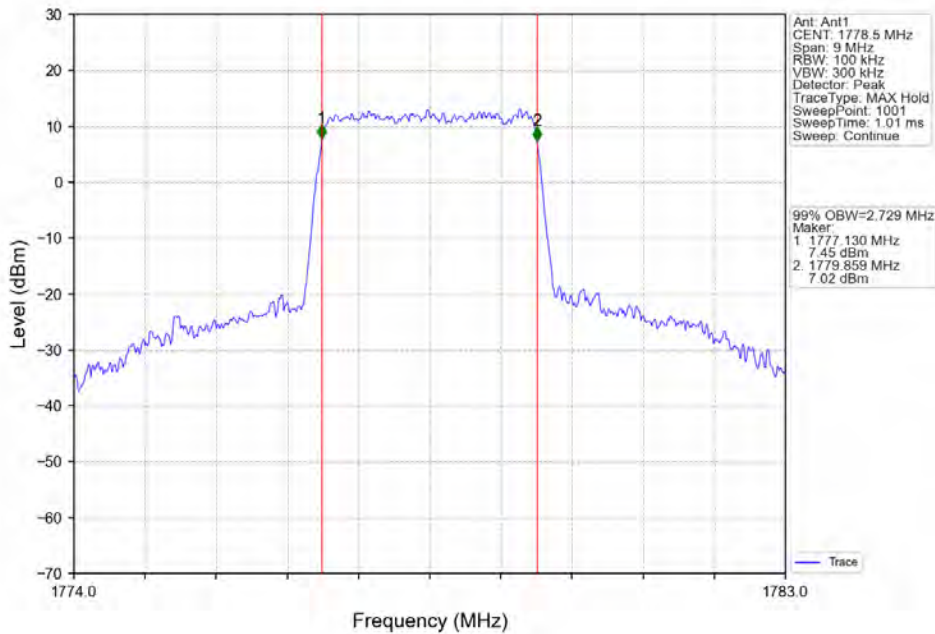


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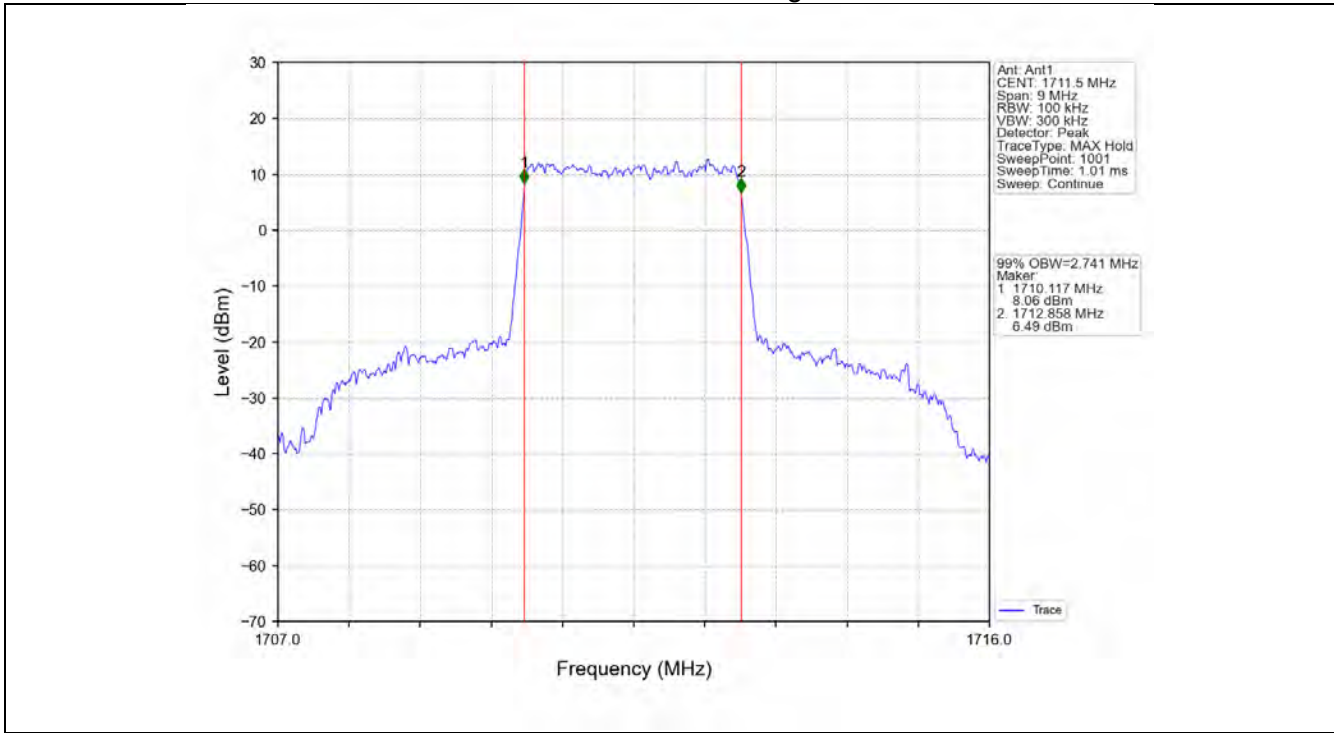
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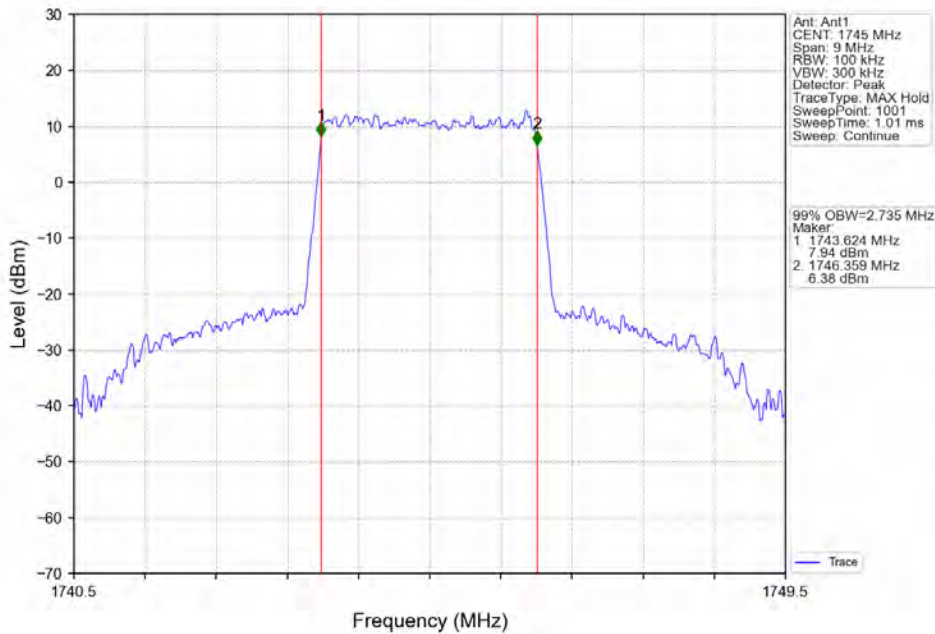


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Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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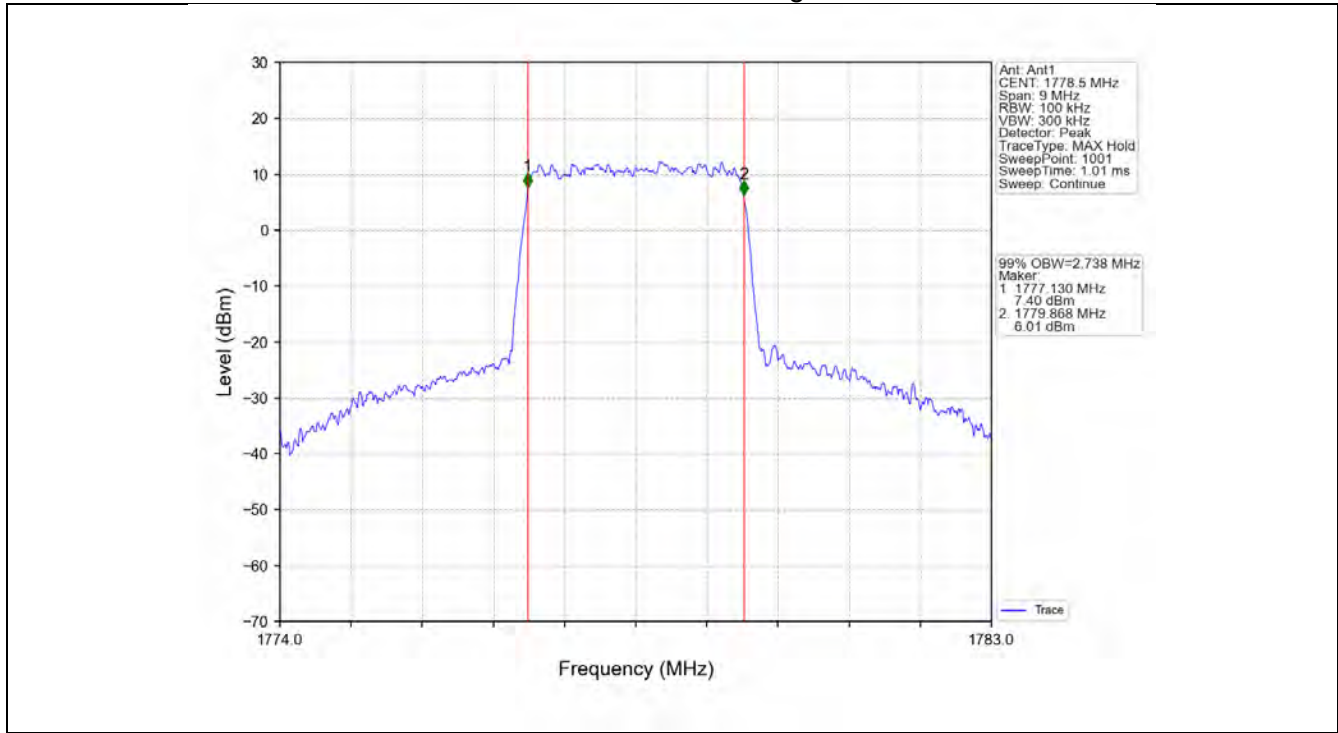


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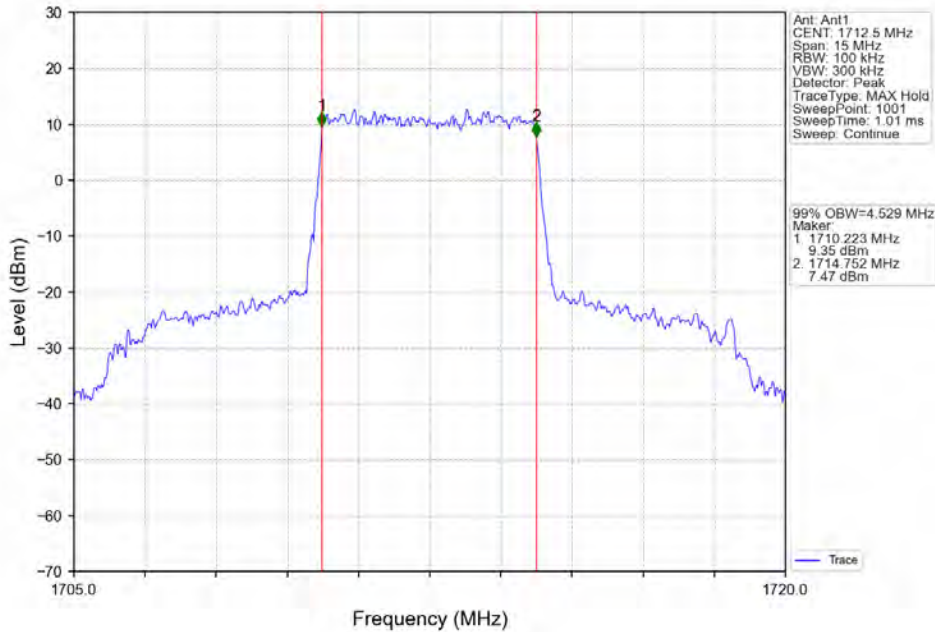


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Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



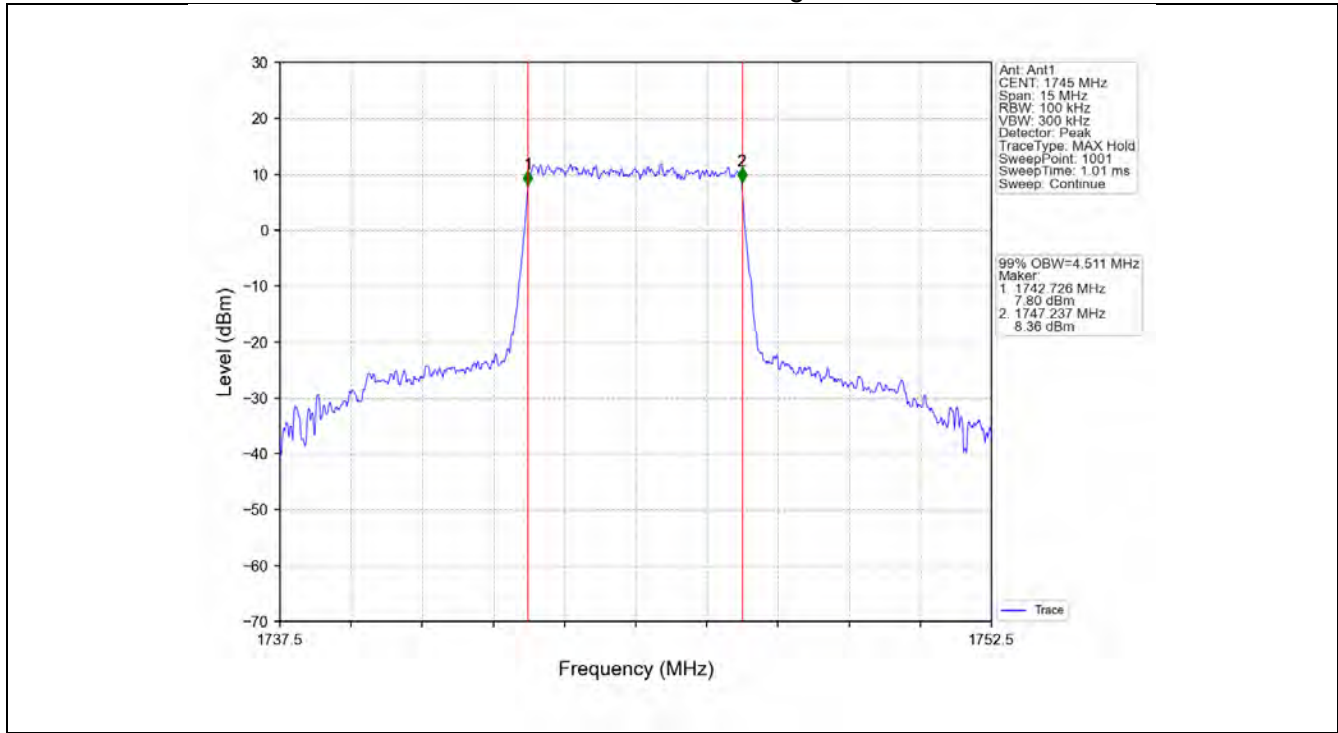
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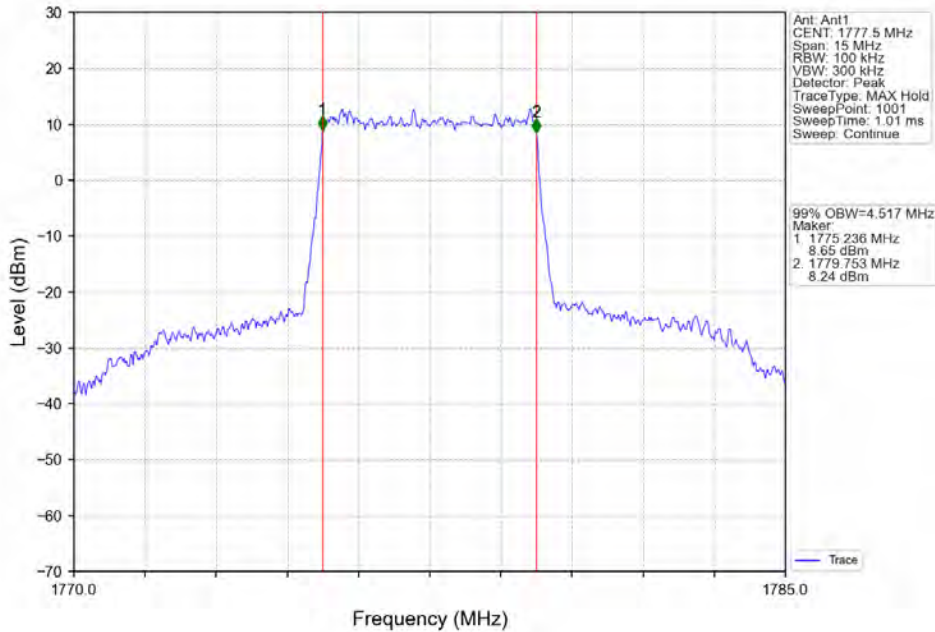


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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



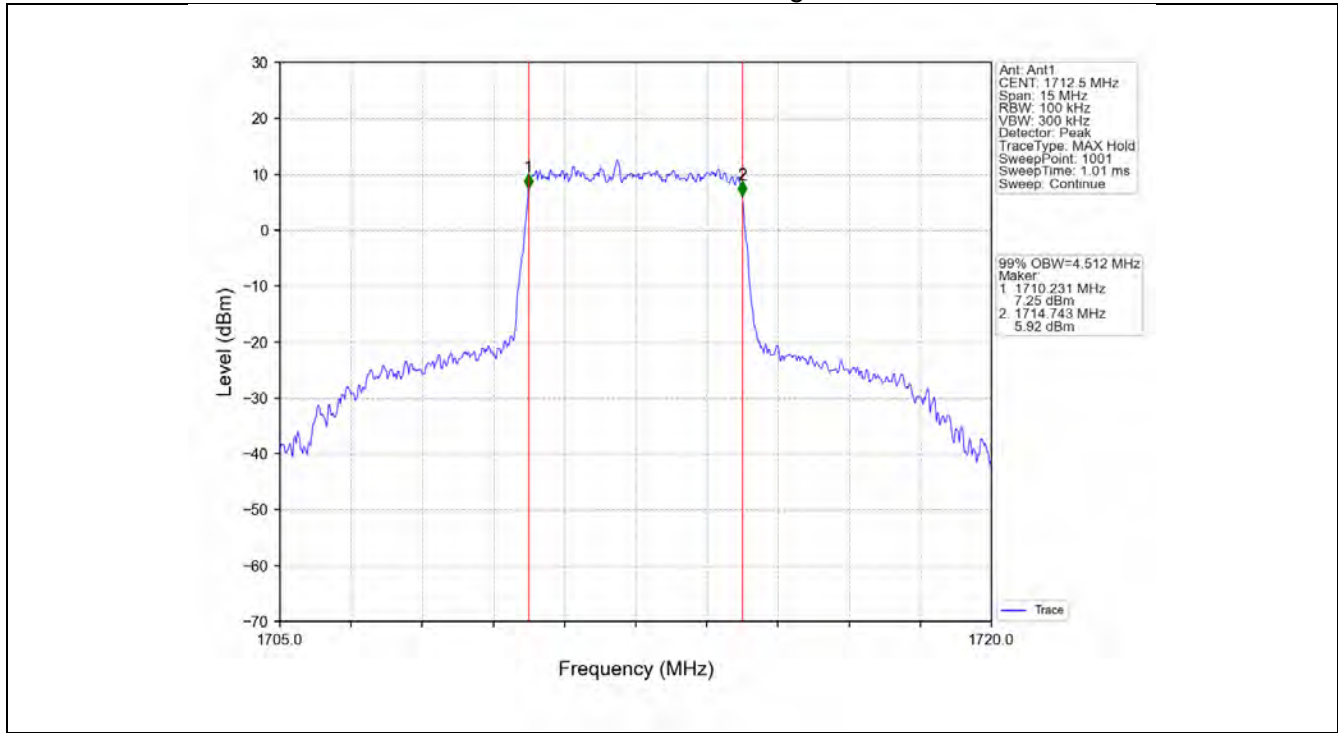
Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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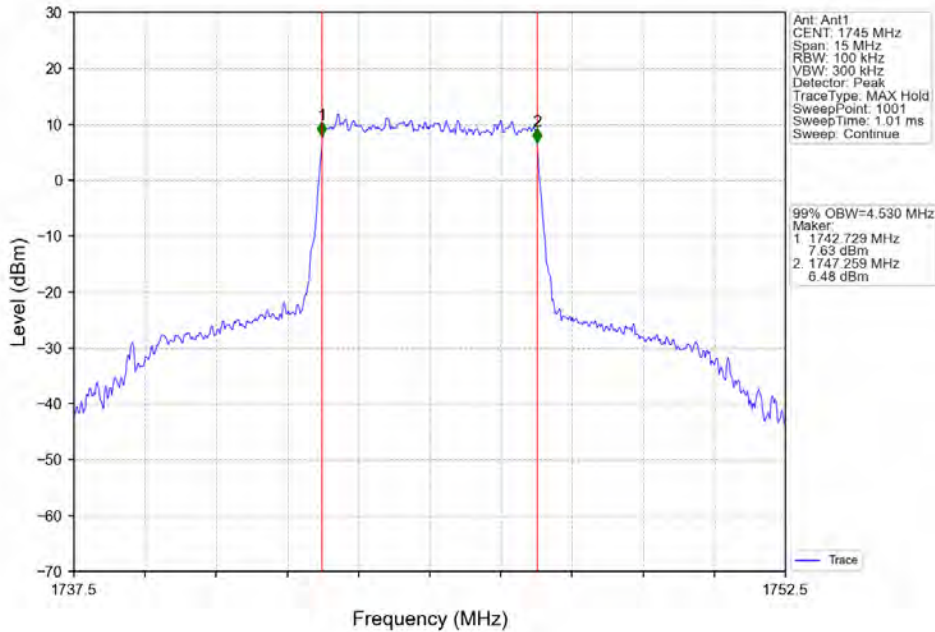


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Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



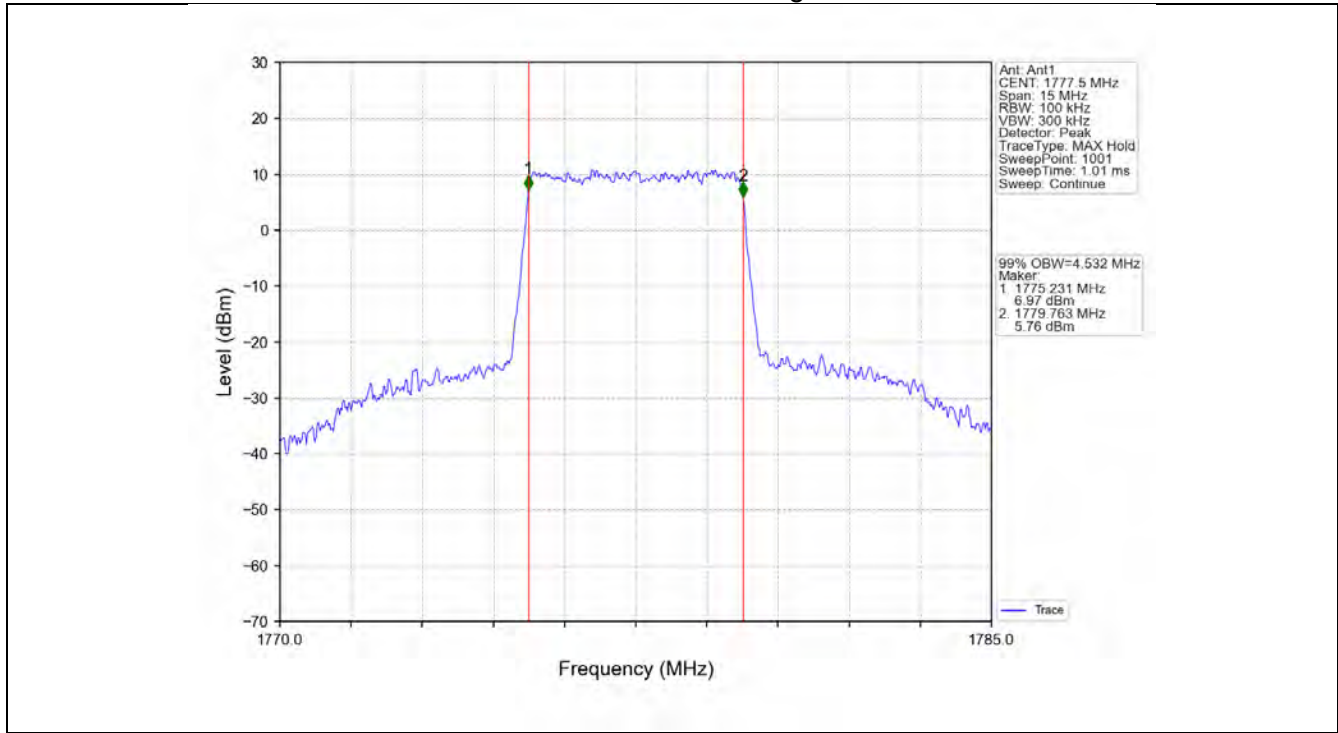
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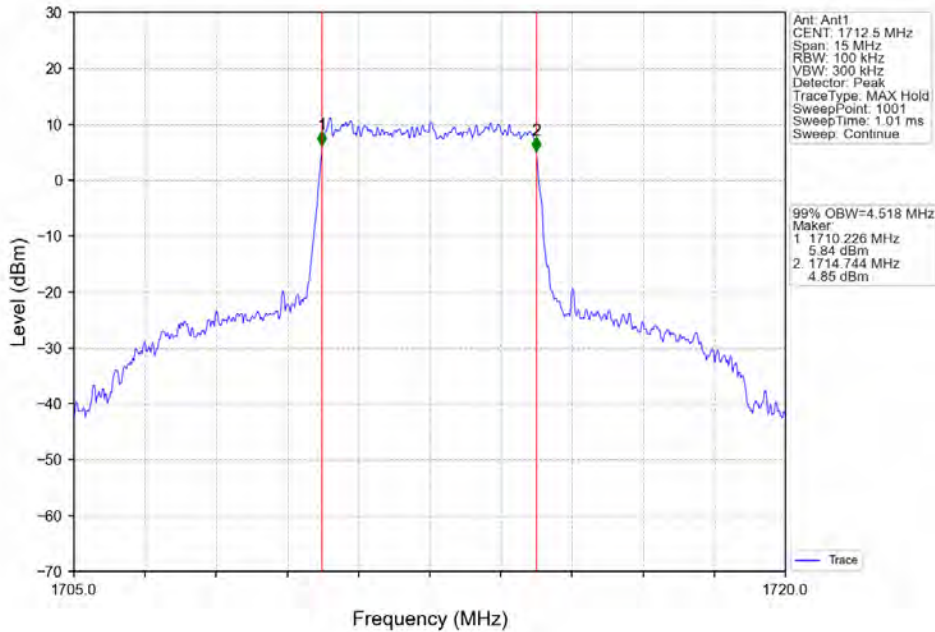


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Band66\_5MHz\_64QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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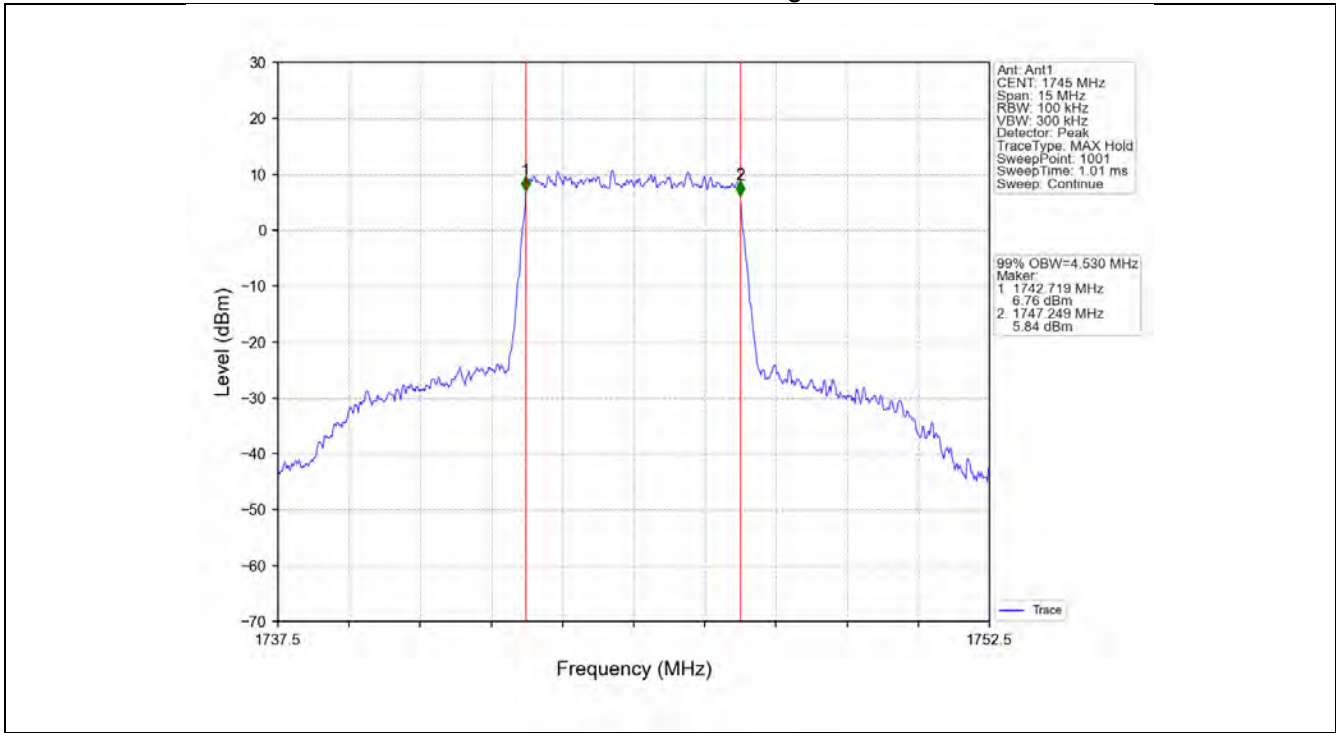


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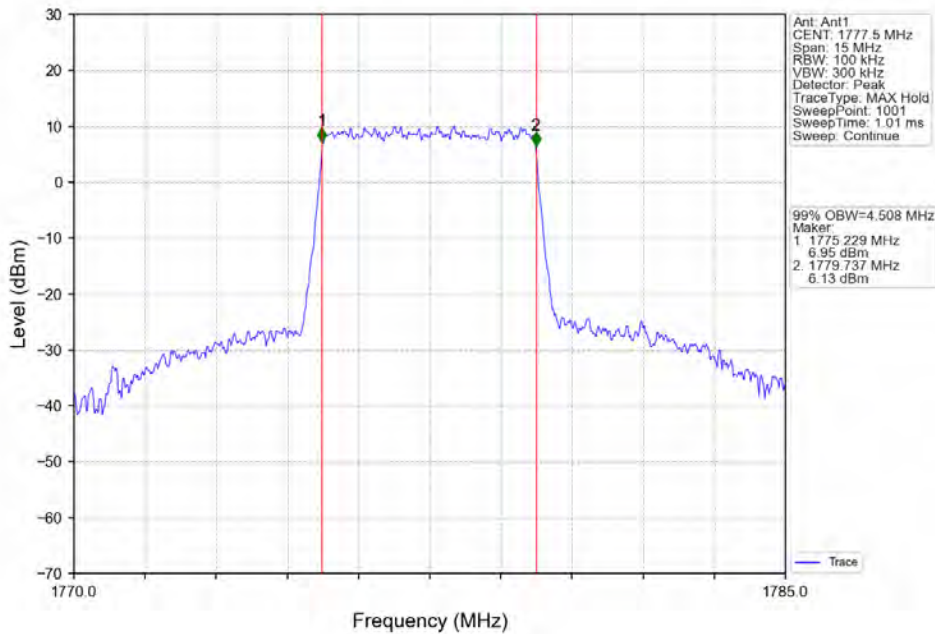


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Band66\_5MHz\_64QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



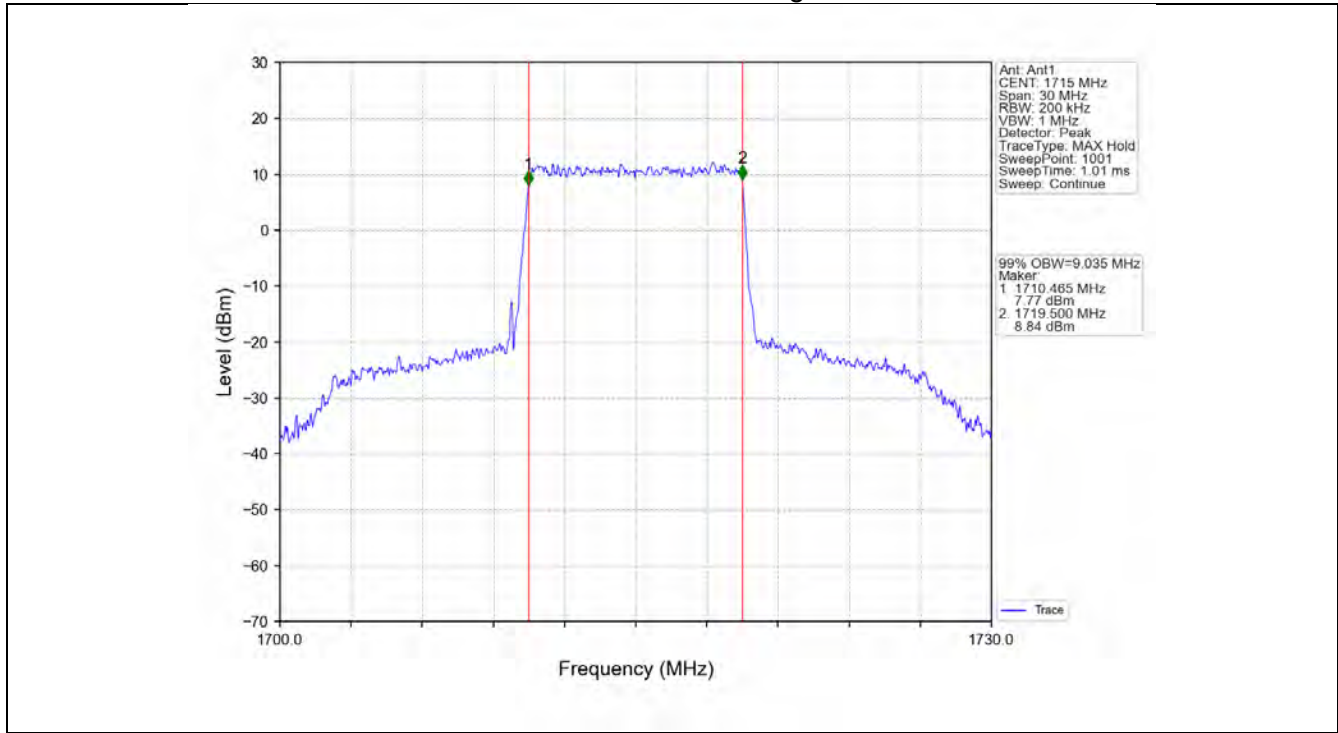
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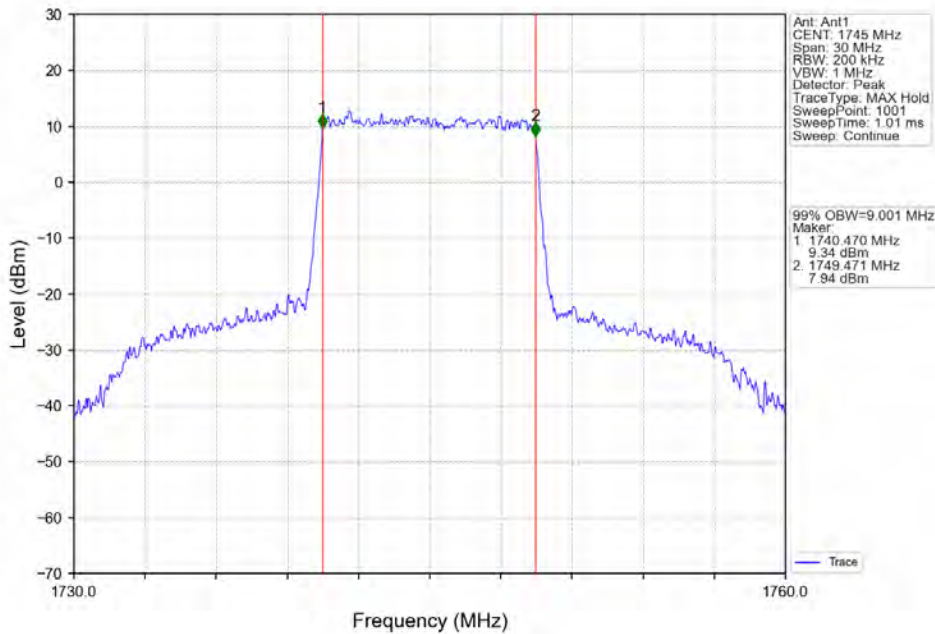
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Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



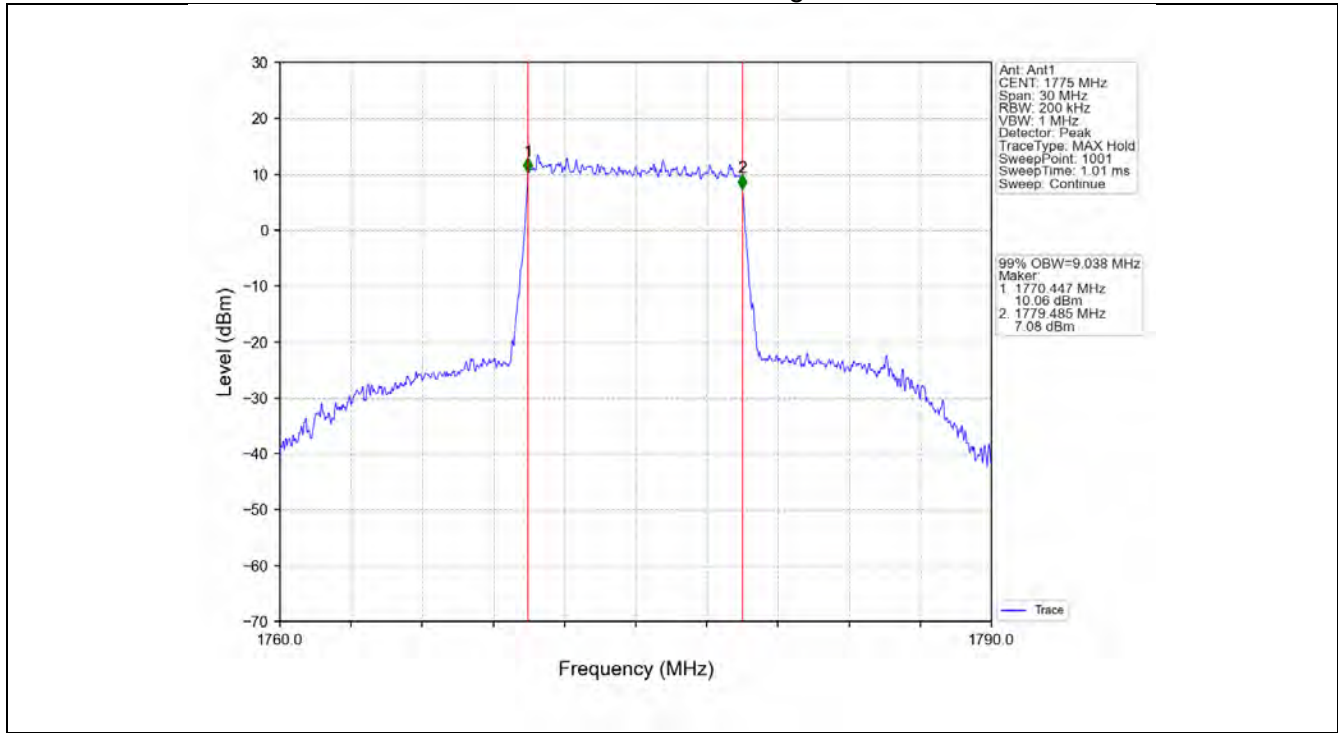
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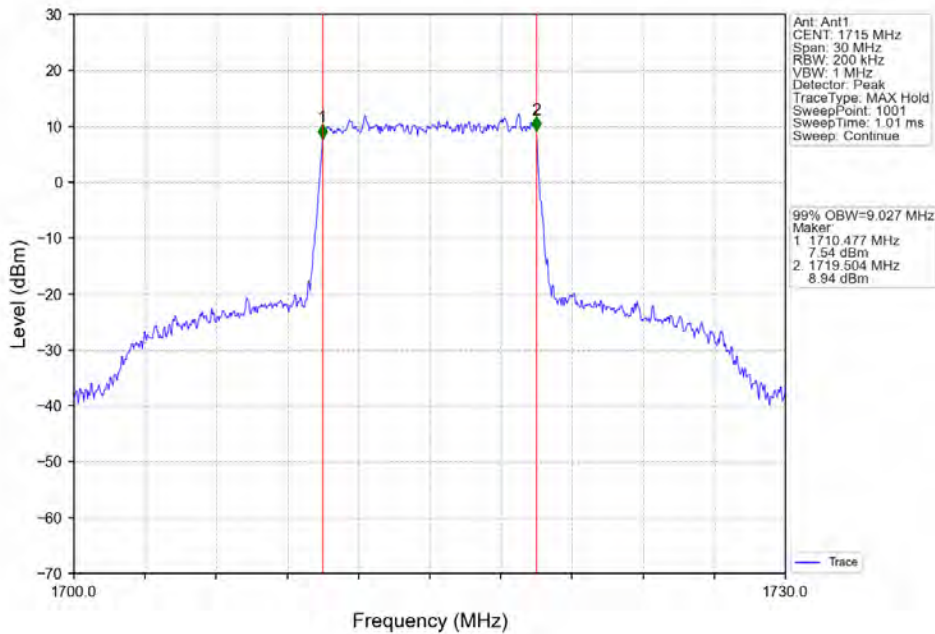


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Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



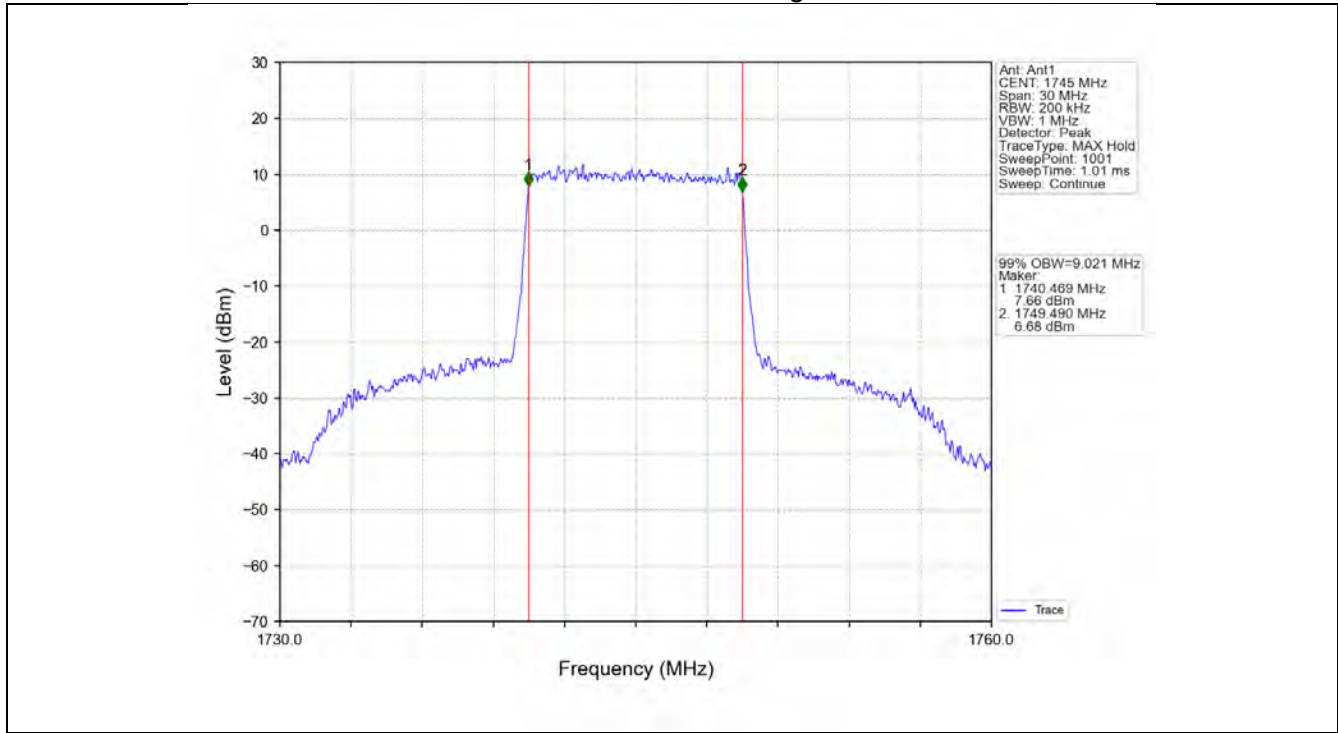
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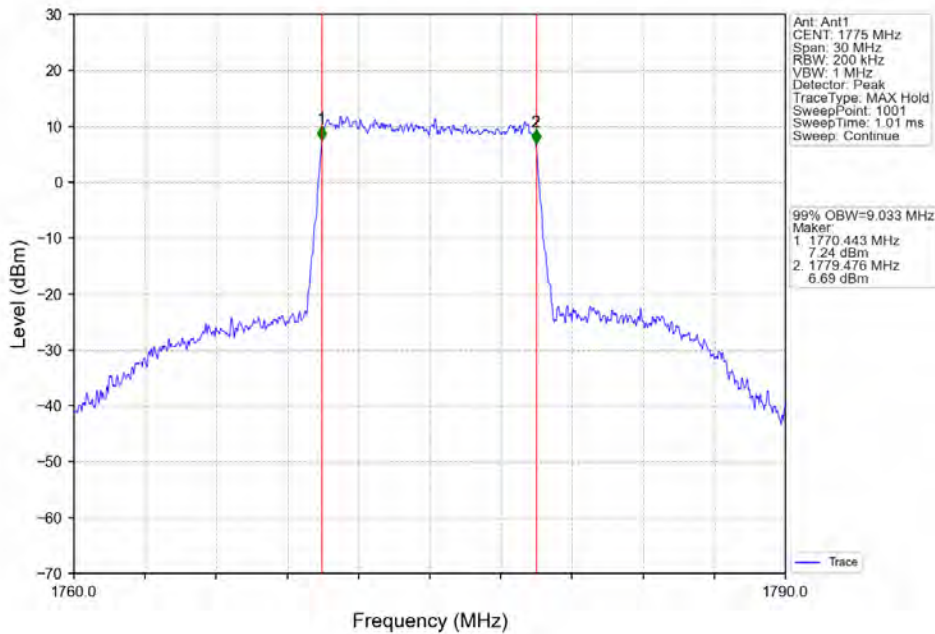


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Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_64QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV

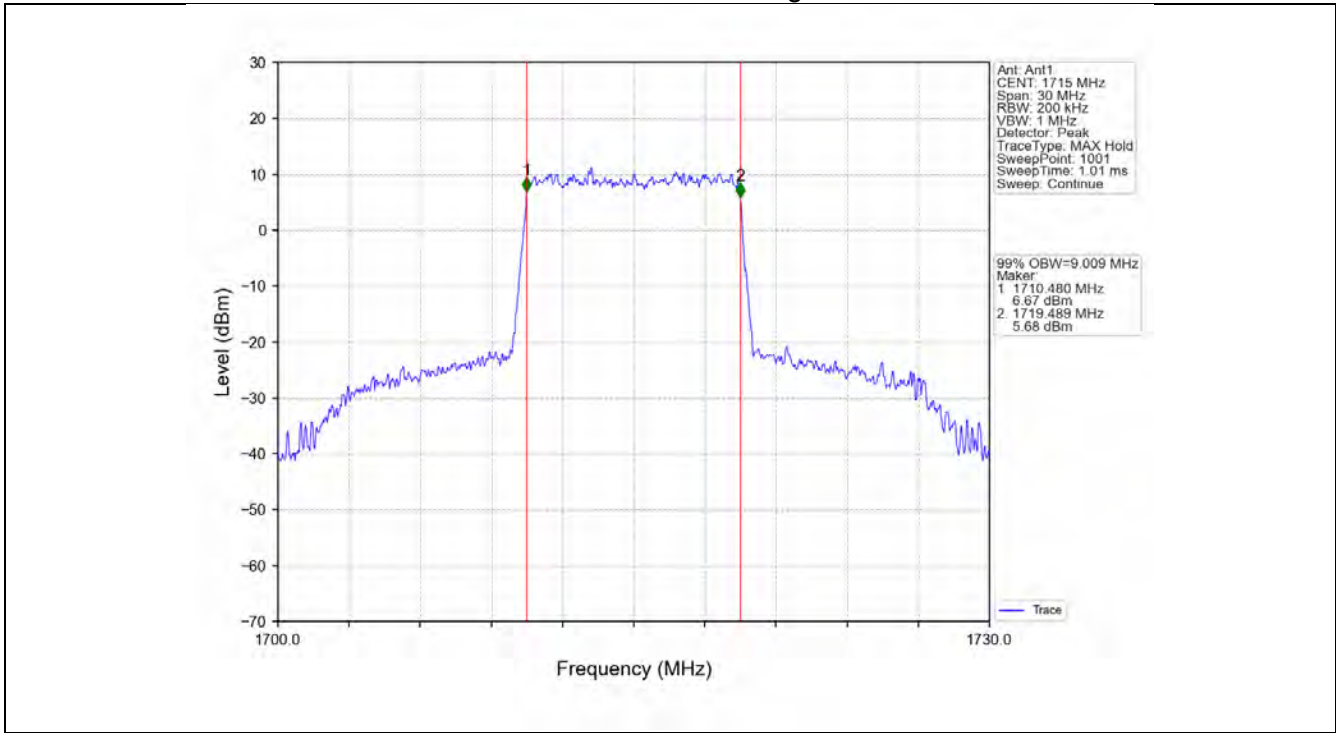


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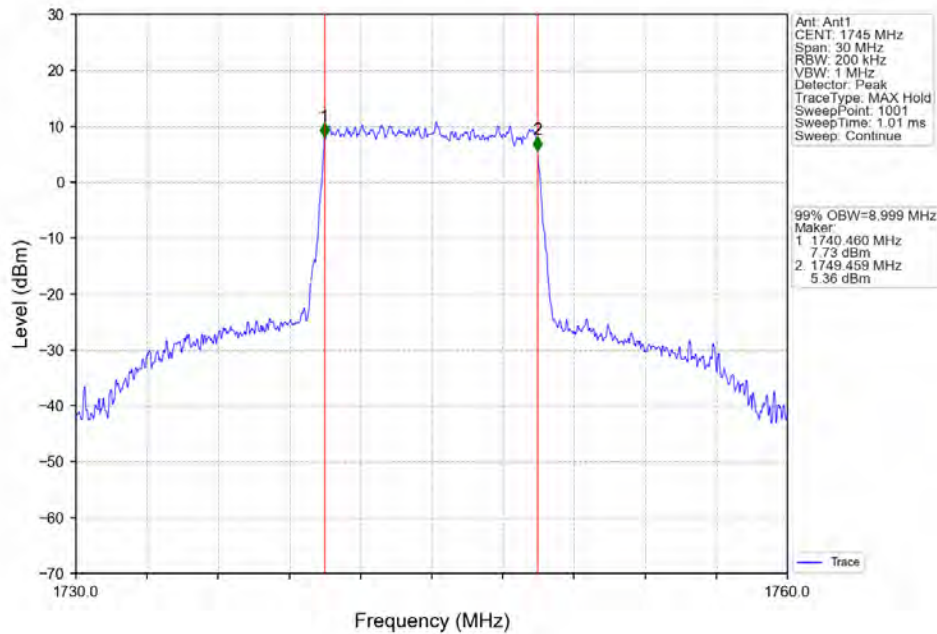


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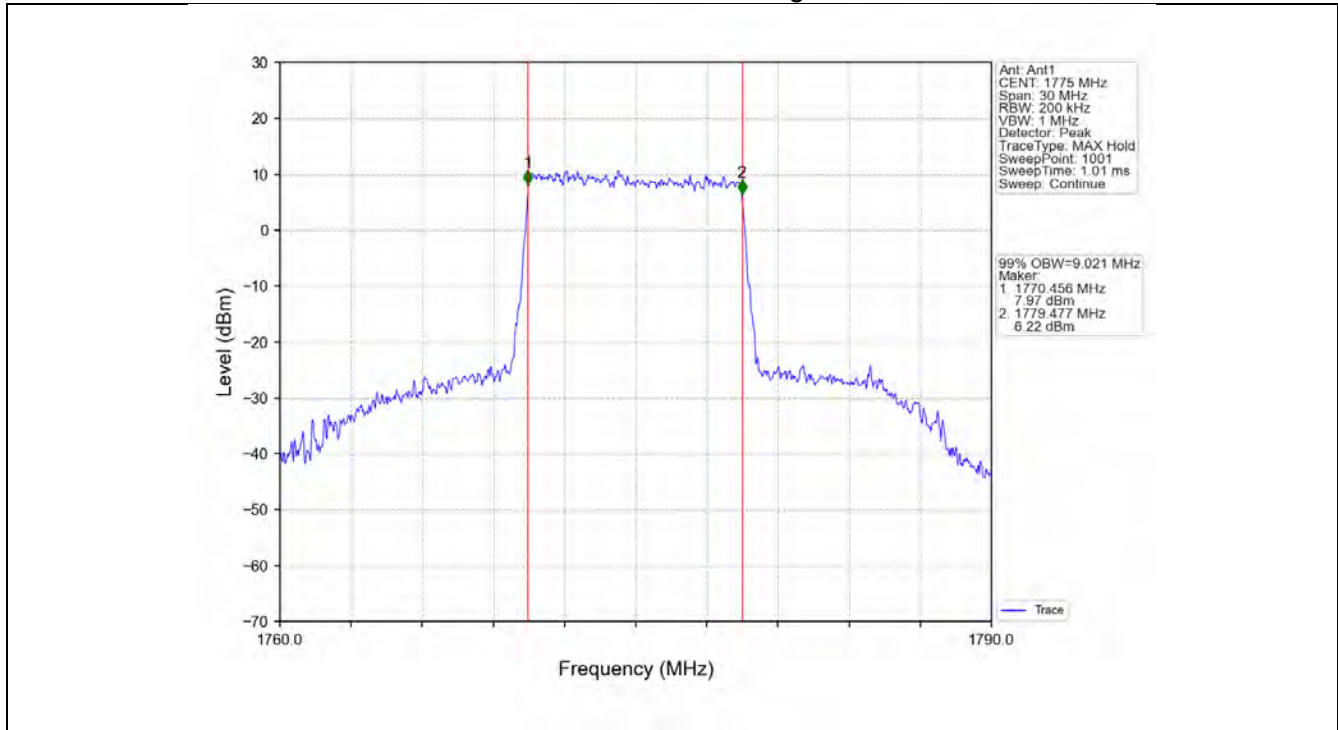
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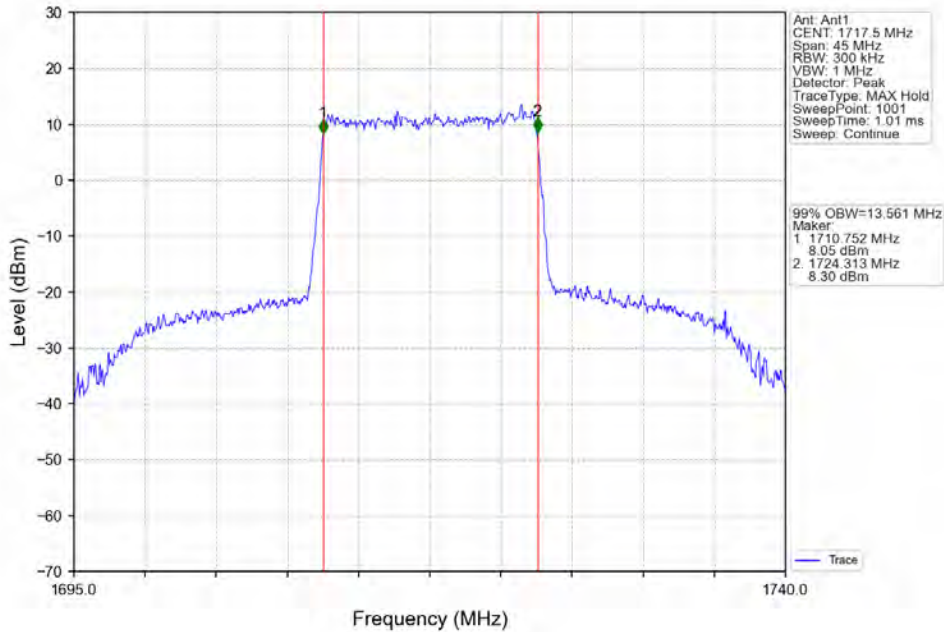
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Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



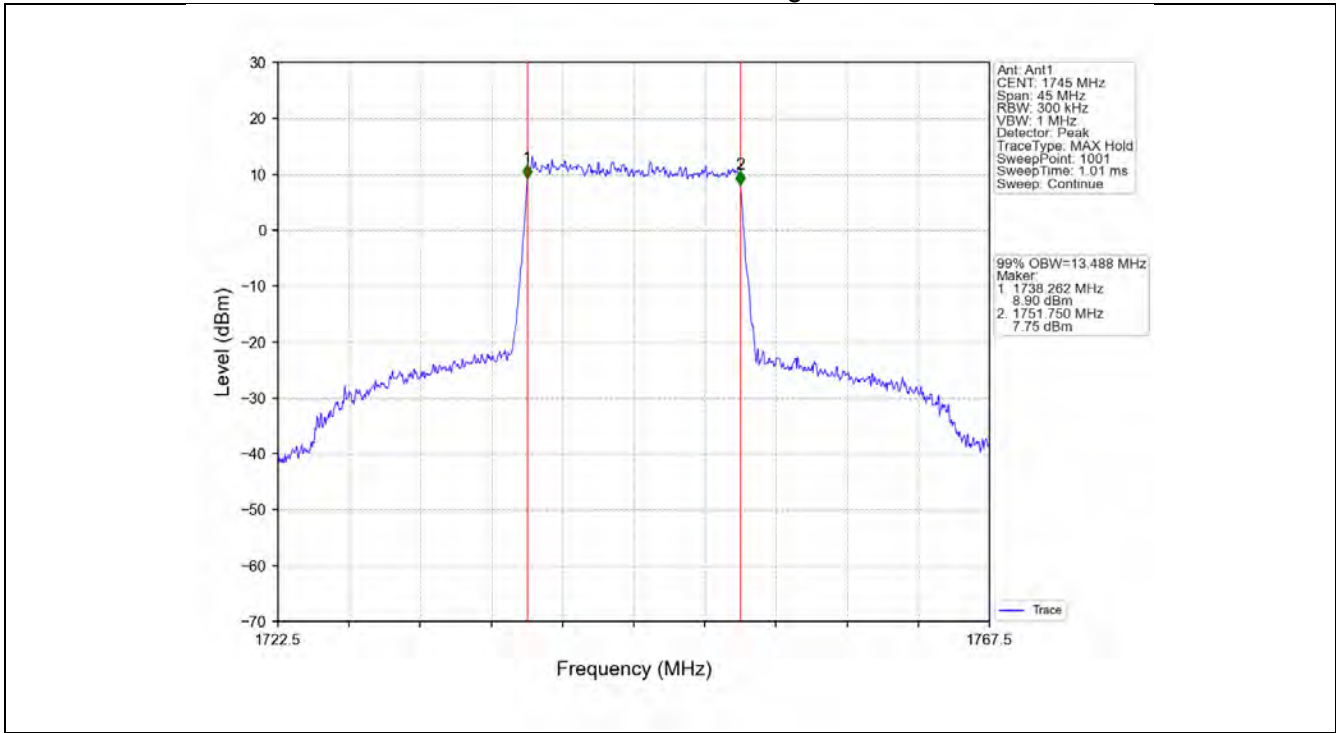
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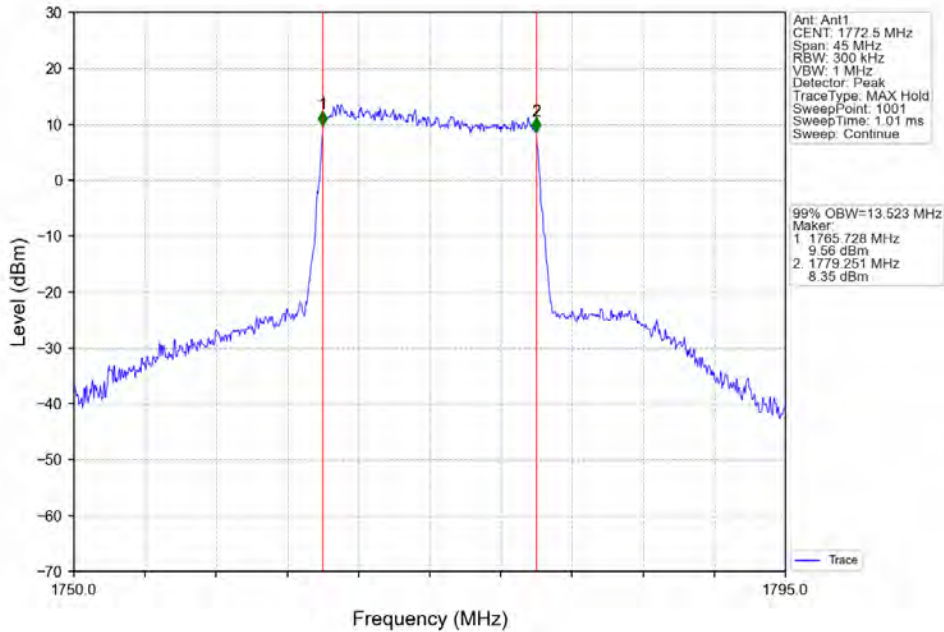


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Rev.: 01

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Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



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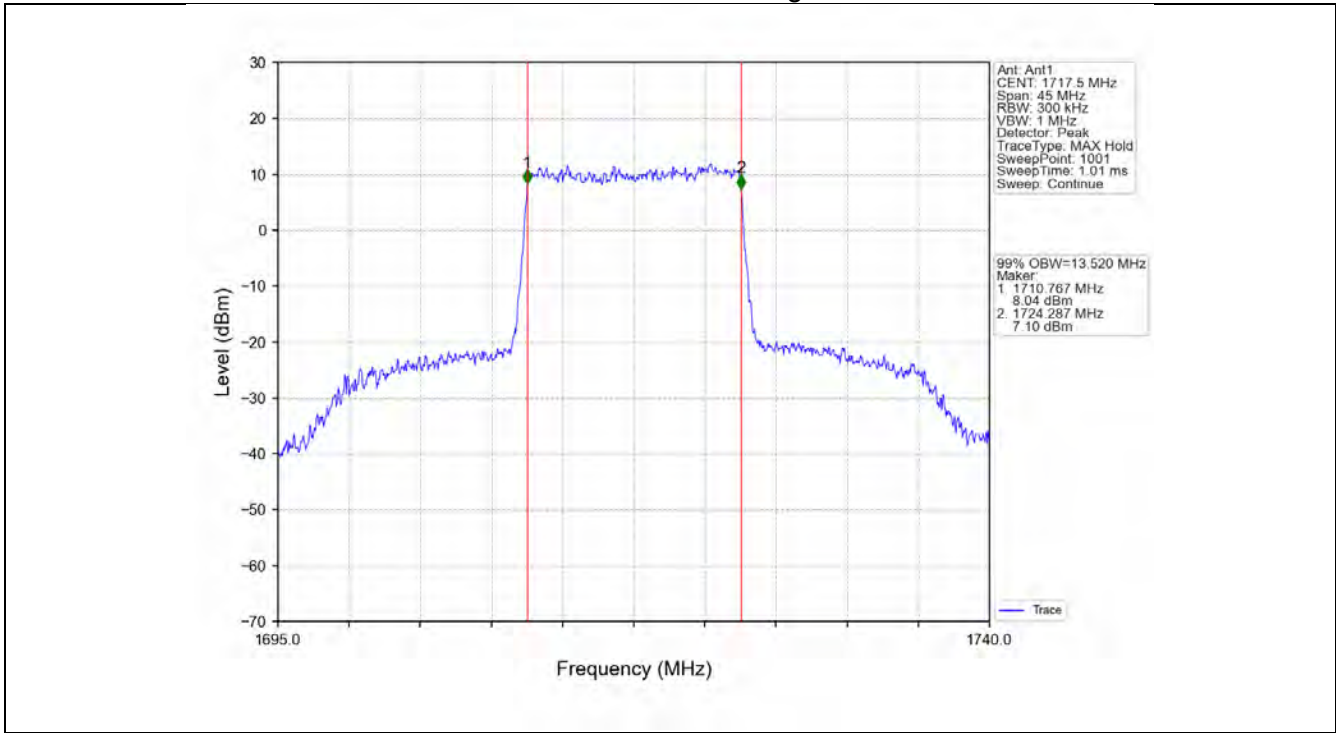


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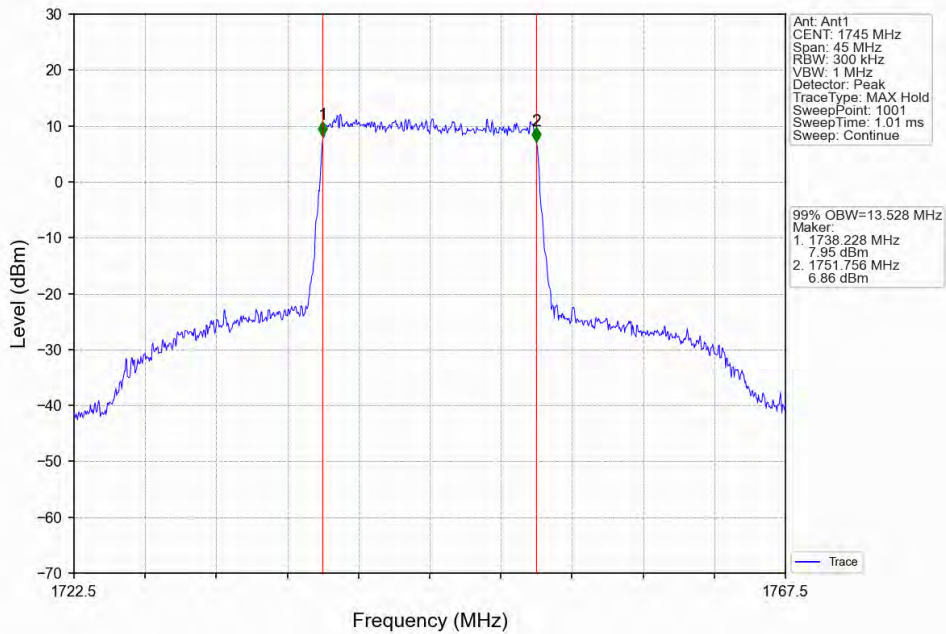


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Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV

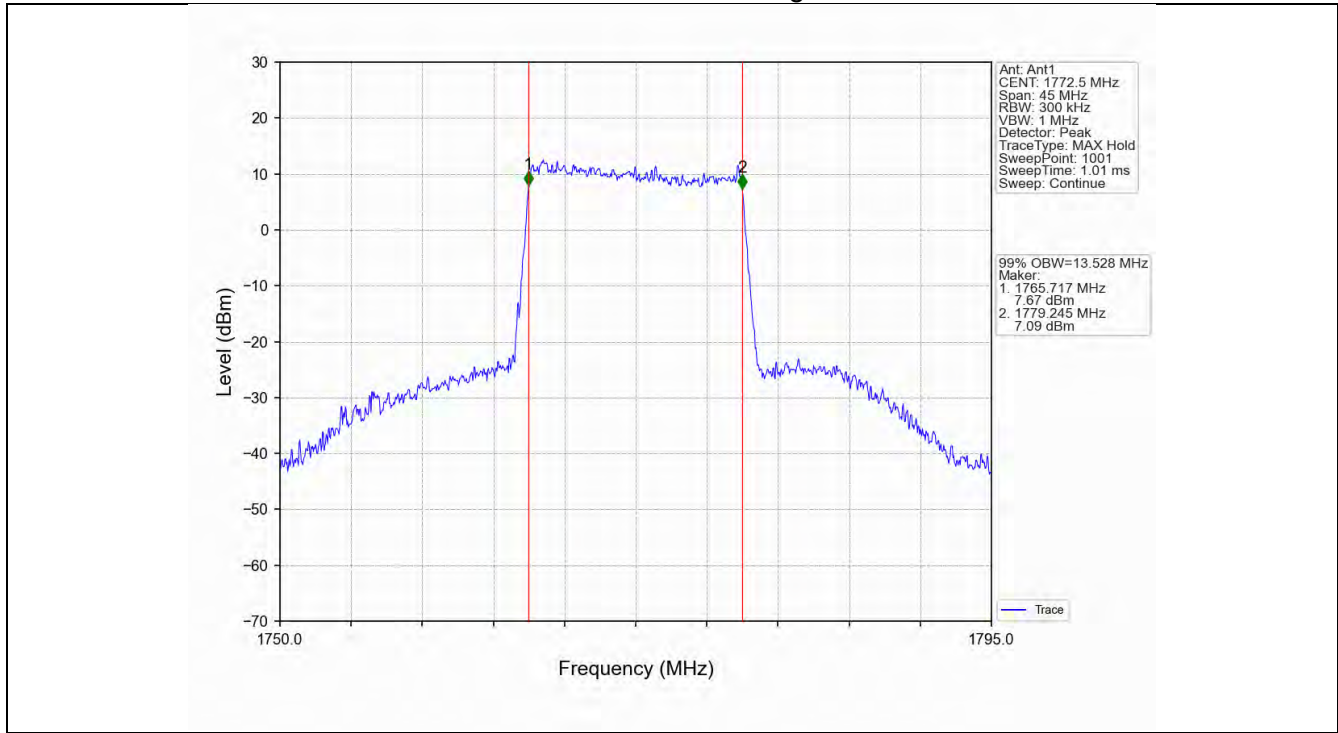


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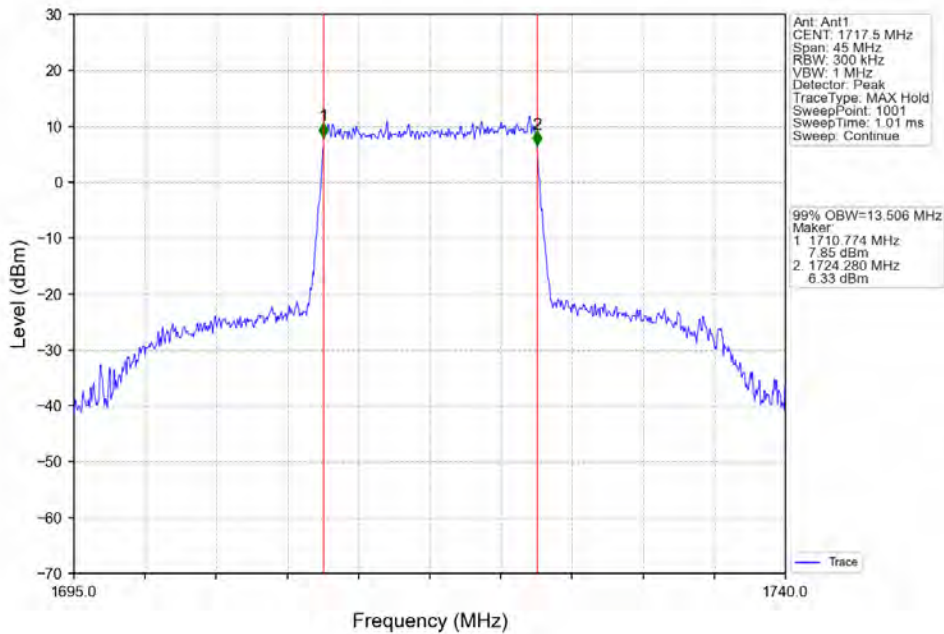


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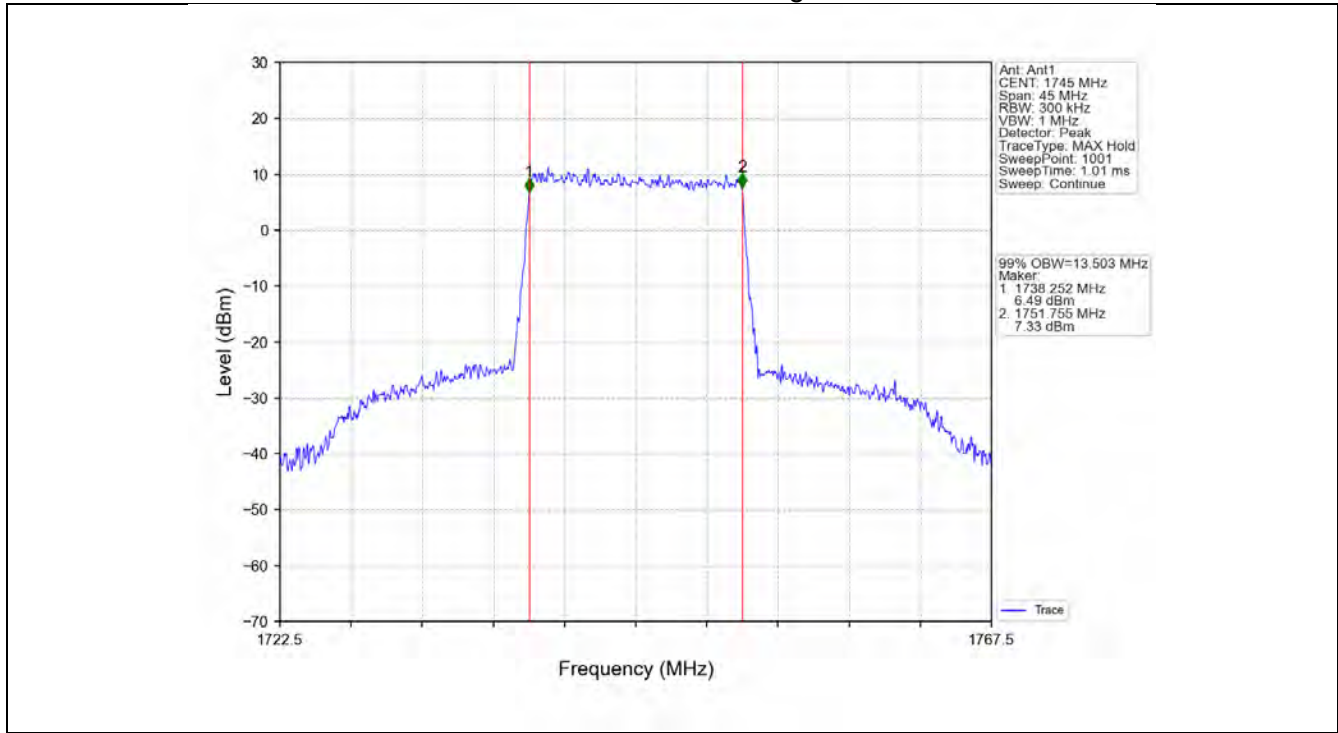
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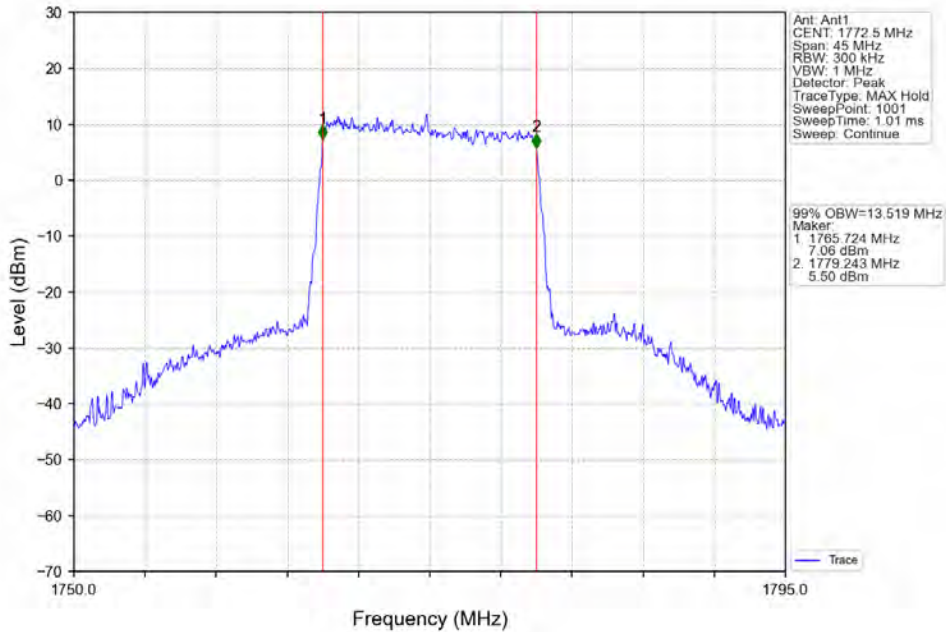


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Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



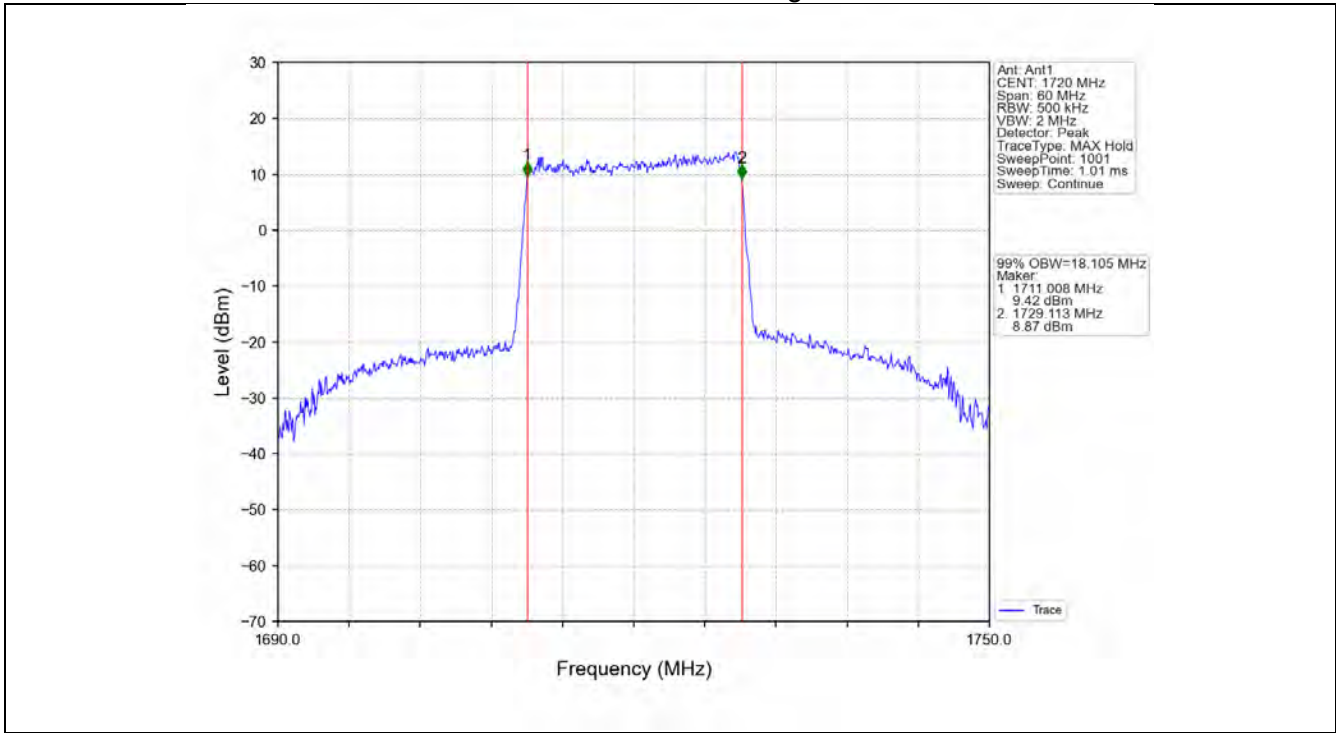
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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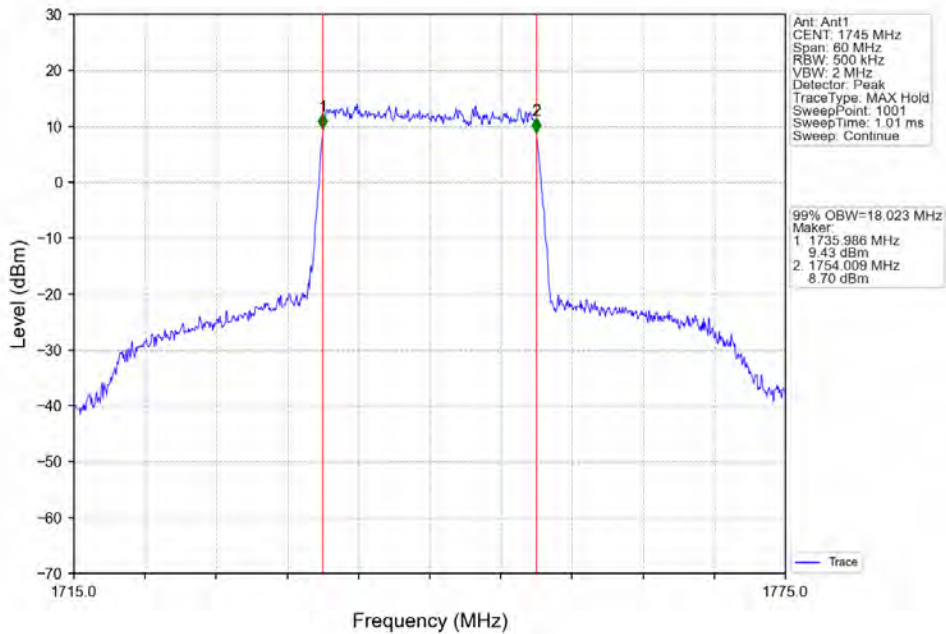


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Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



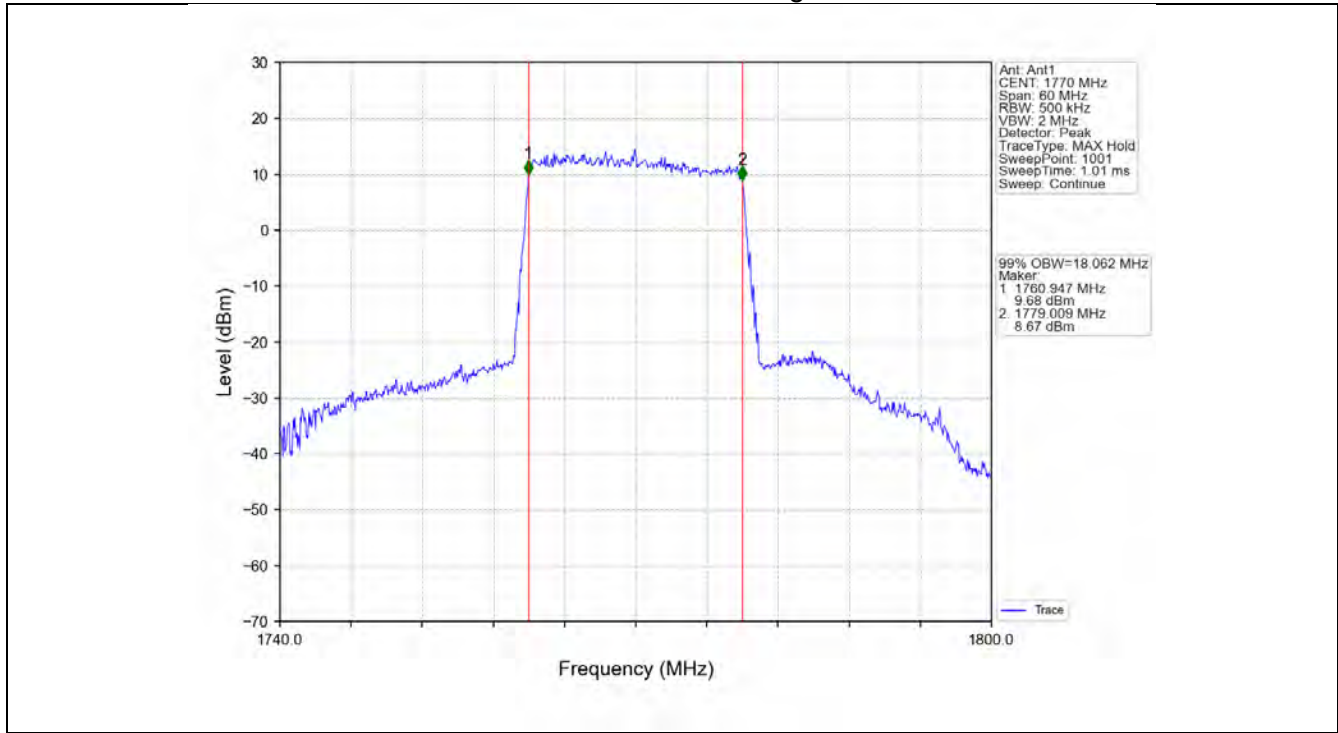
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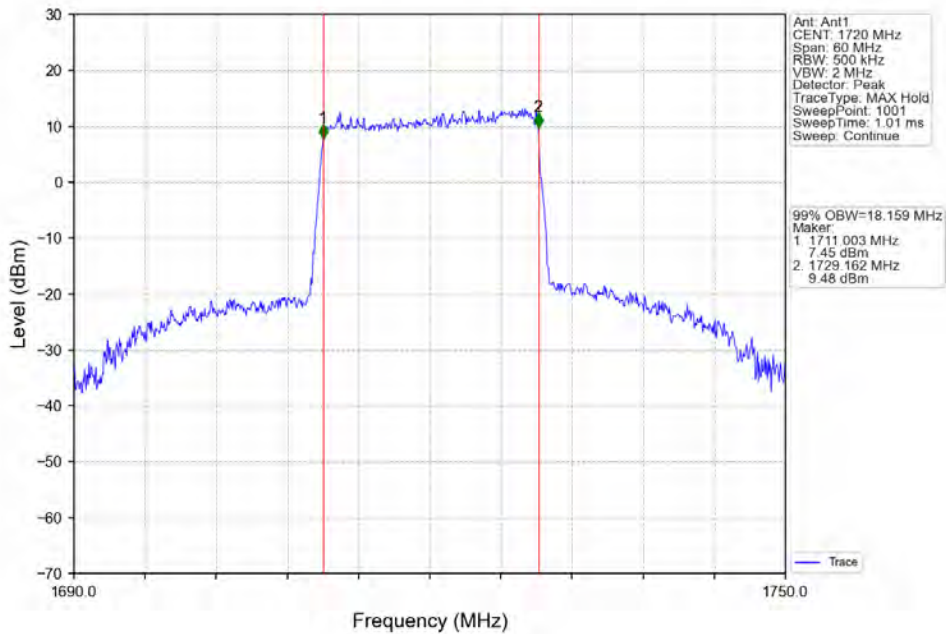


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Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV

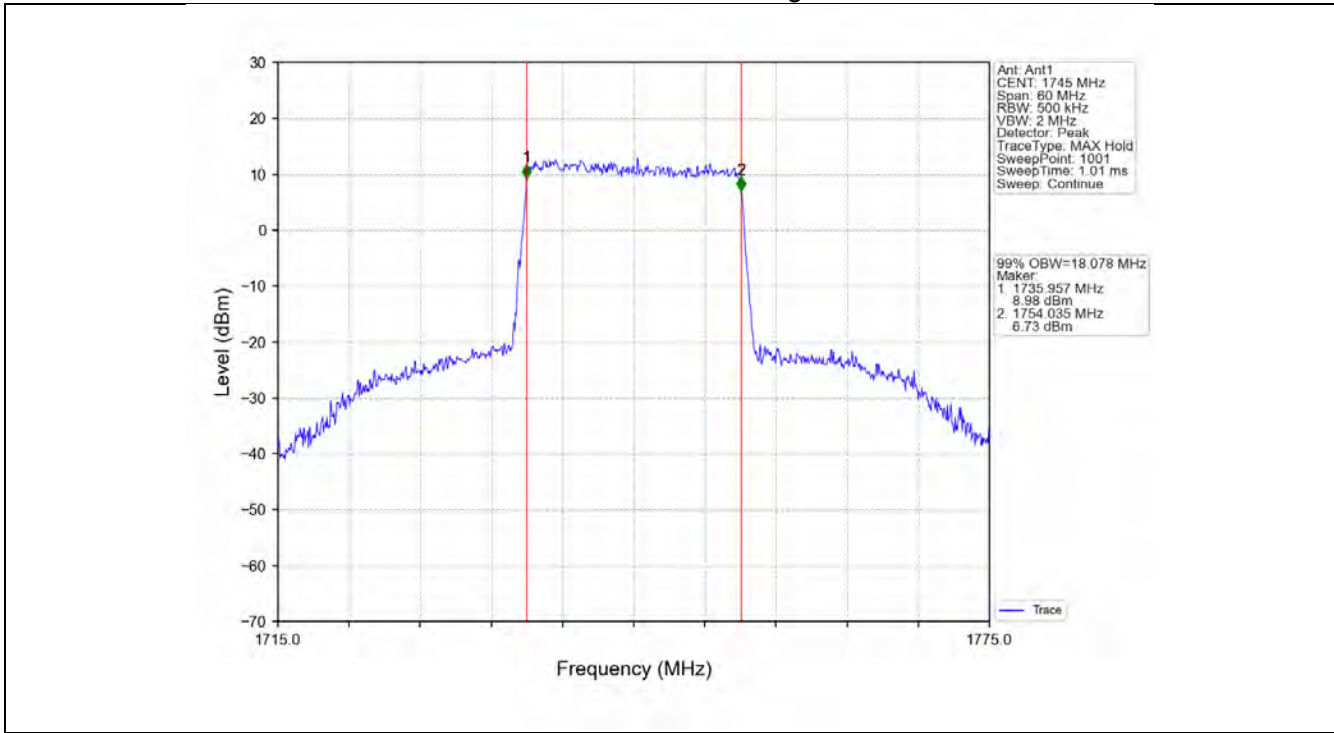


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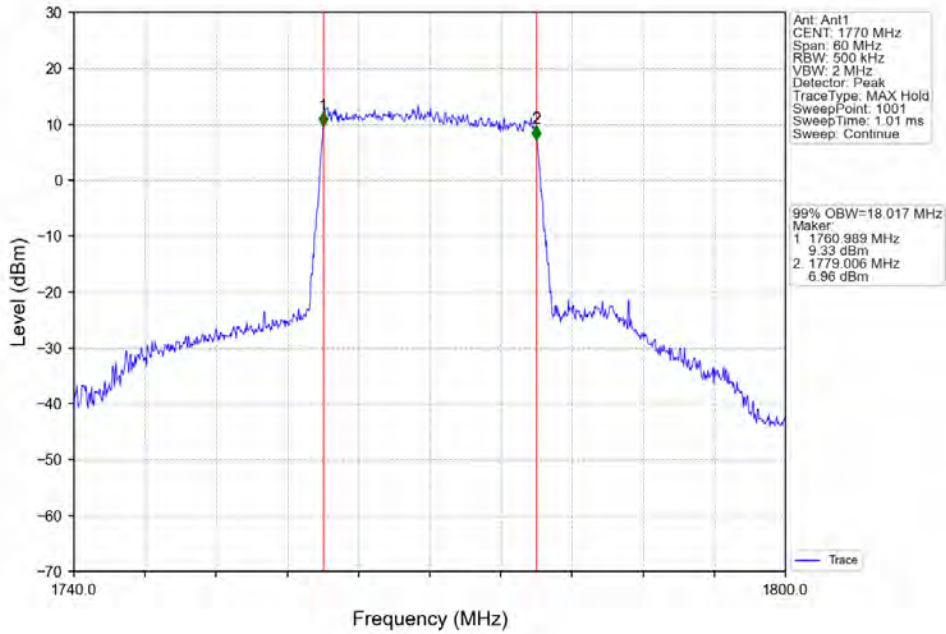


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Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



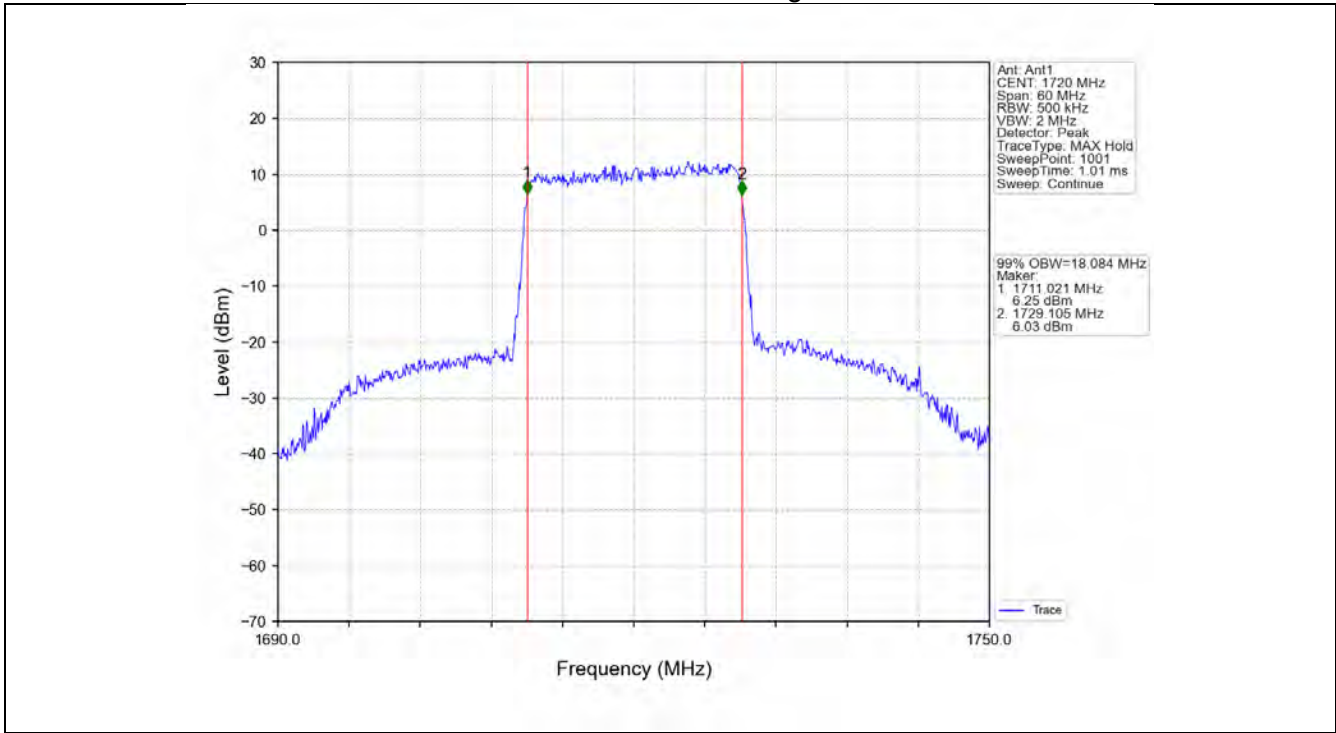
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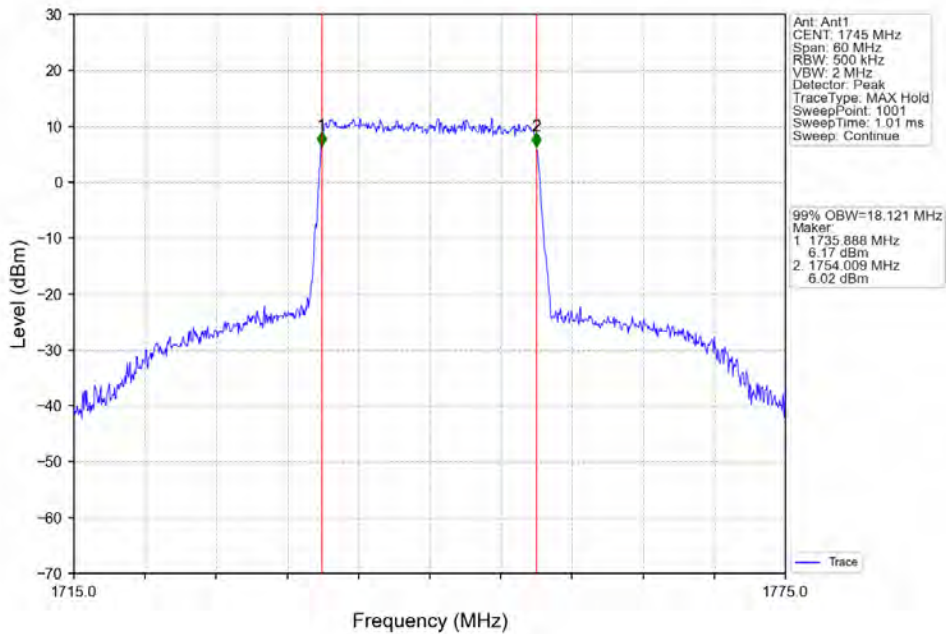


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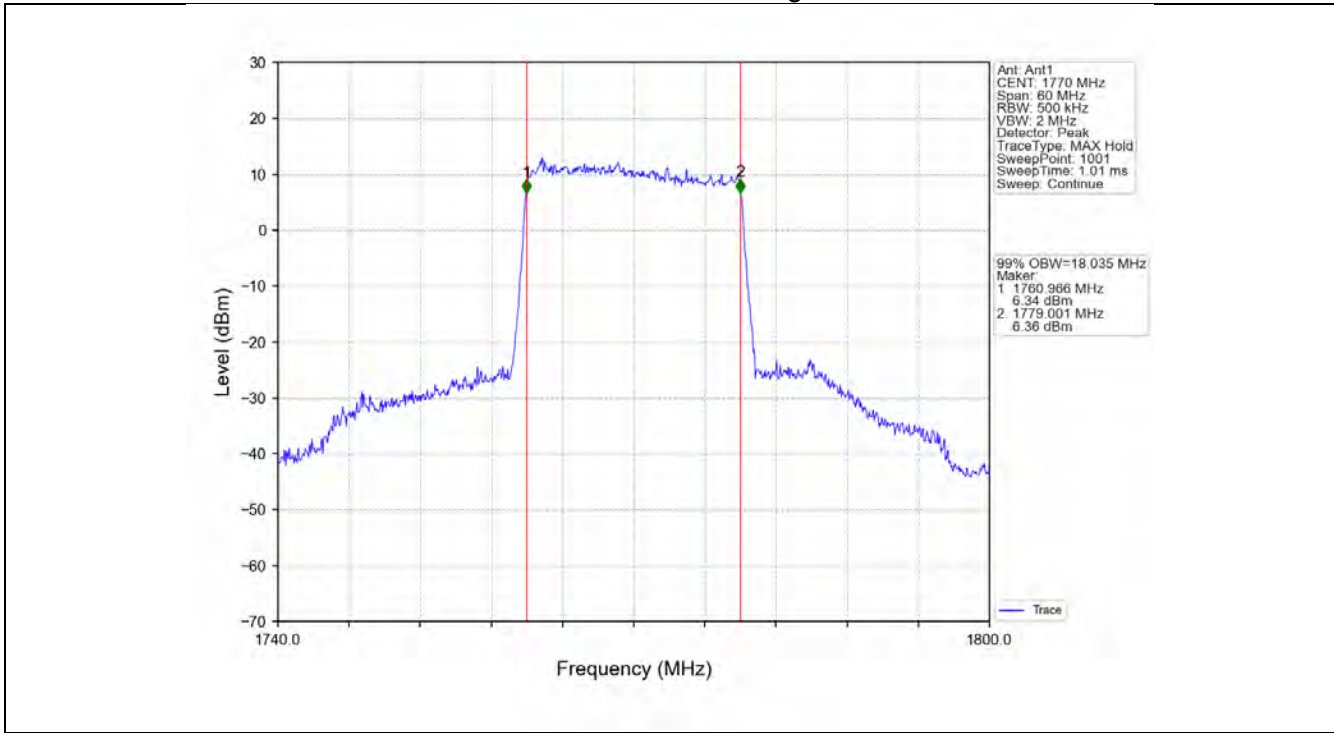
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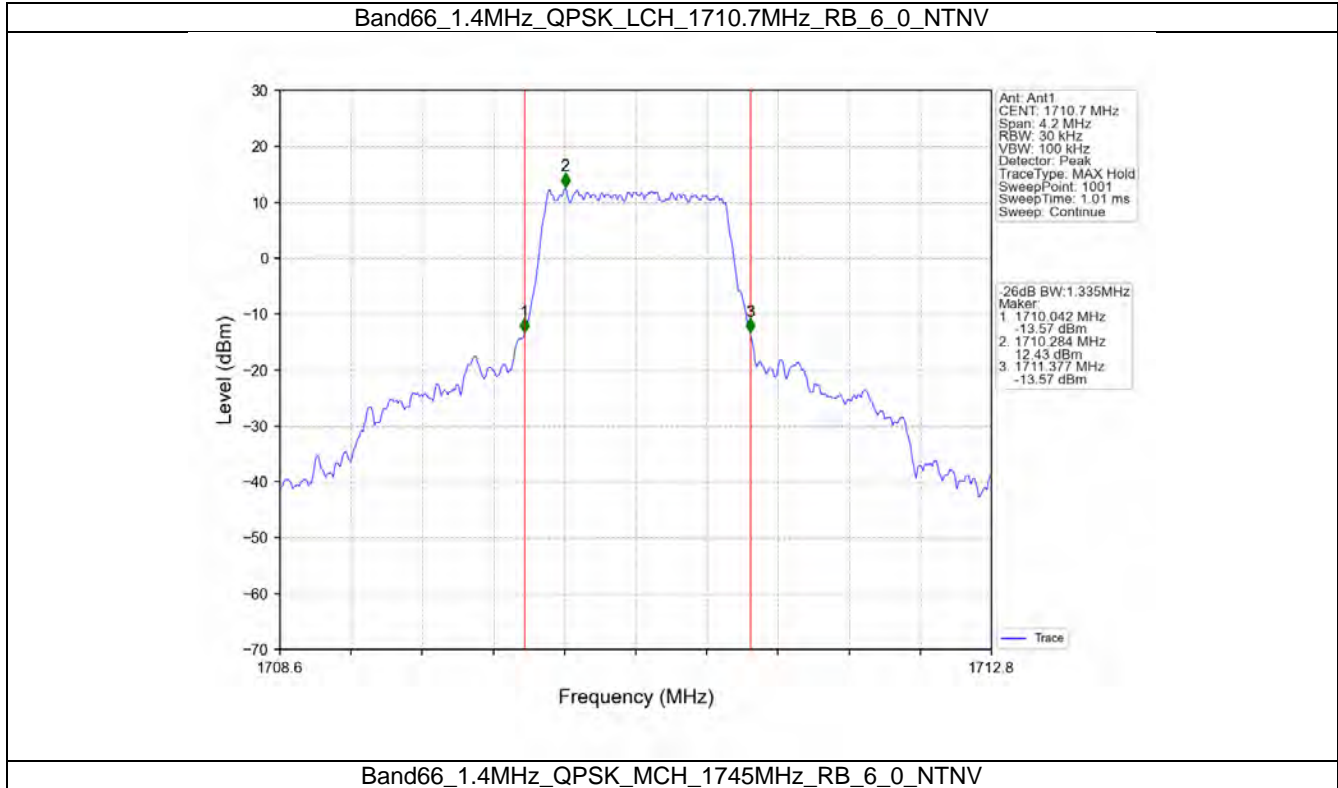
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3.2 Band66\_XDB

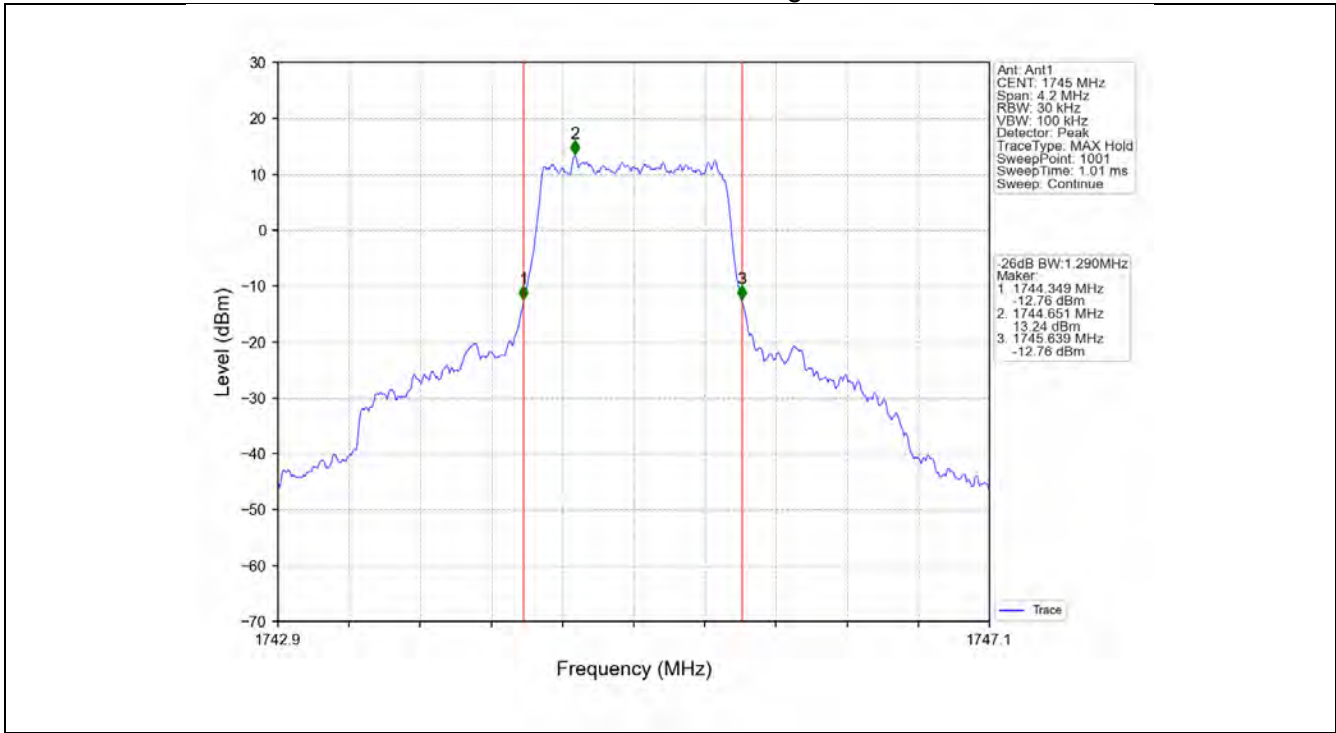
3.2.2 Test Graph



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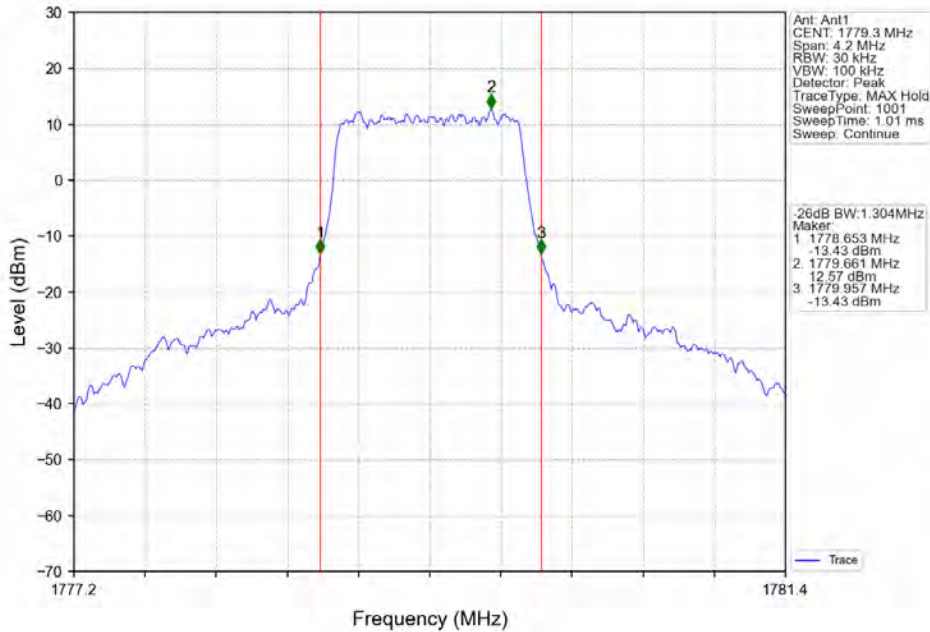


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Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV

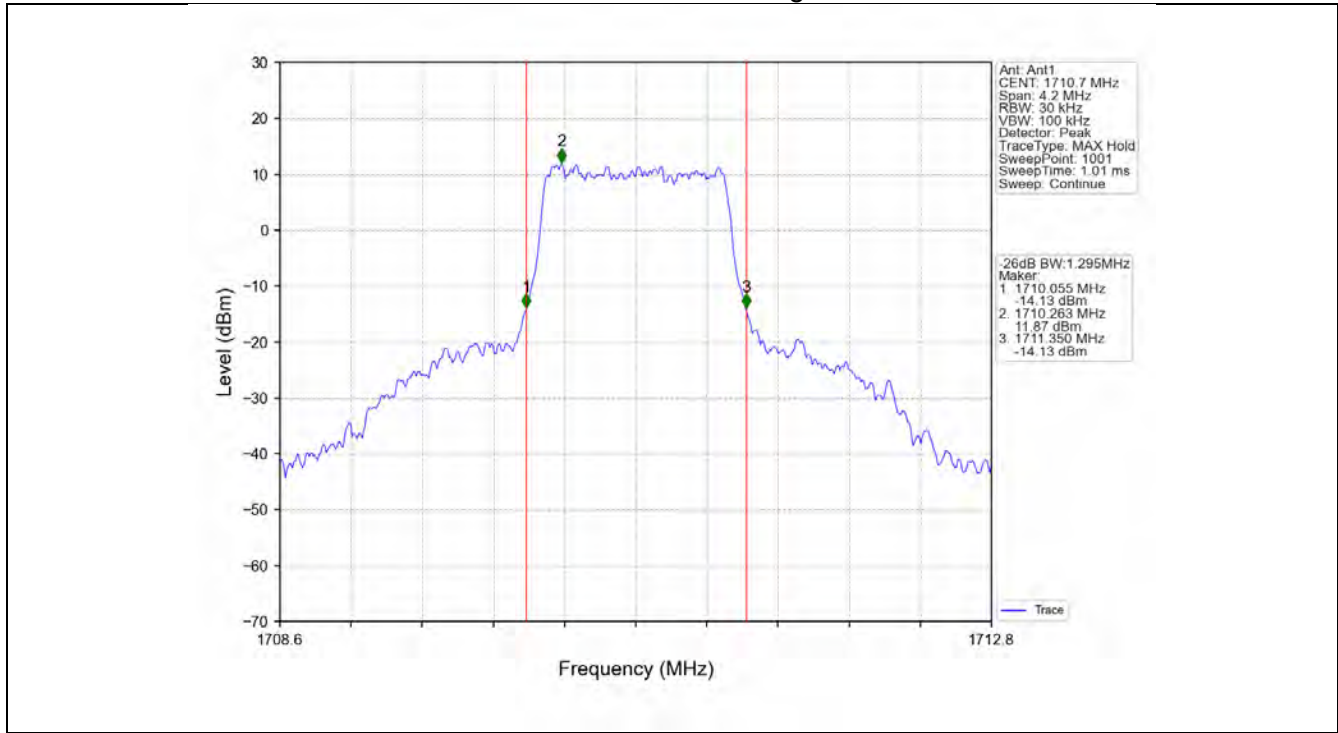


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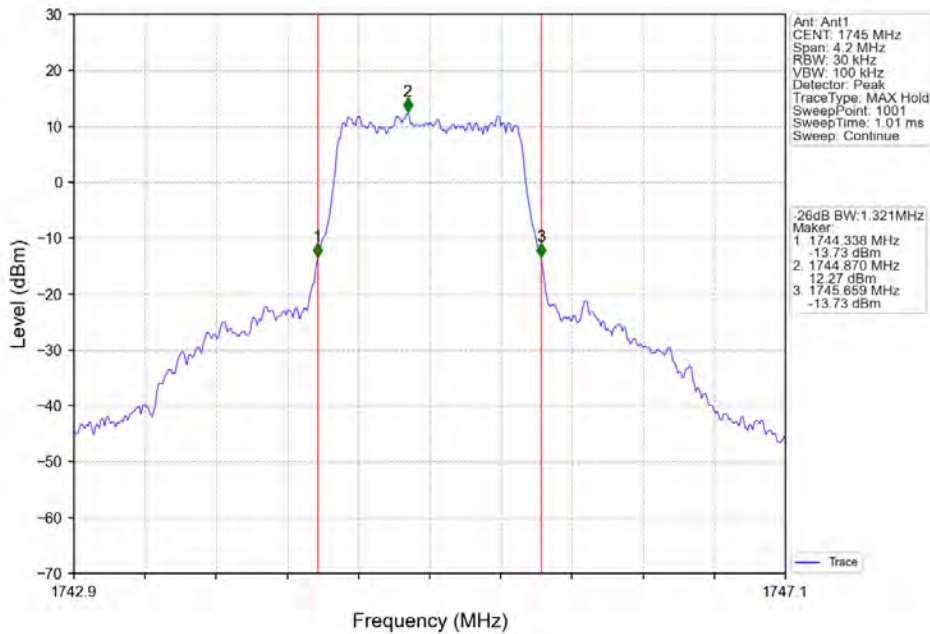


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Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



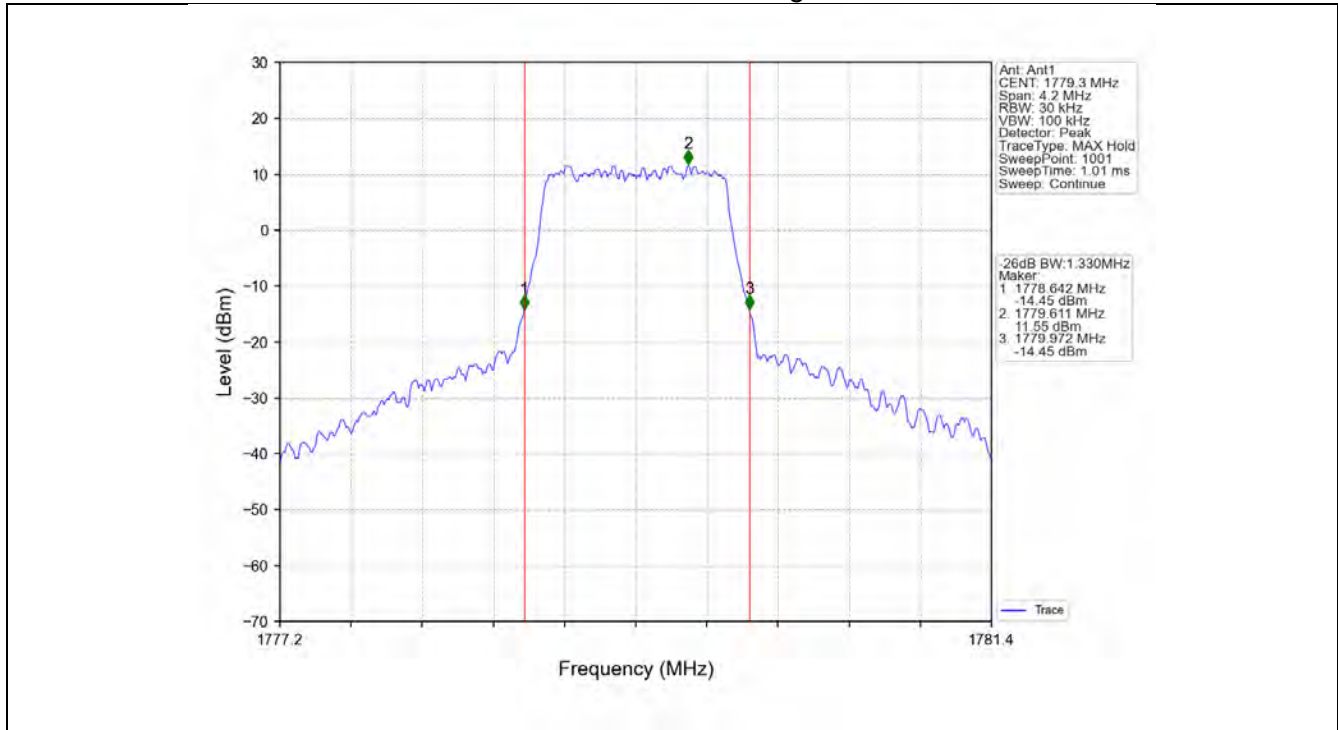
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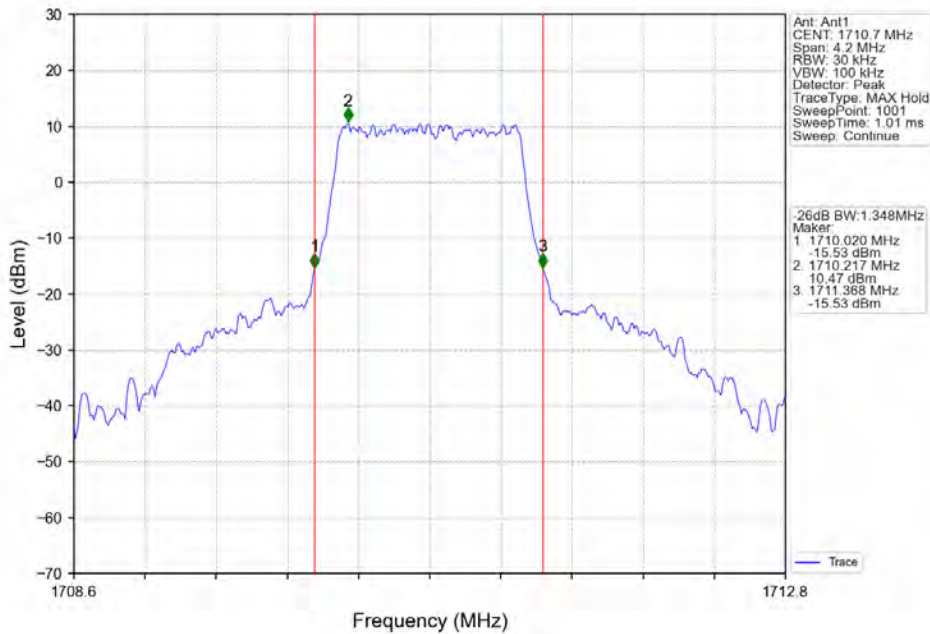
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Band66\_1.4MHz\_64QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



Band66\_1.4MHz\_64QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV

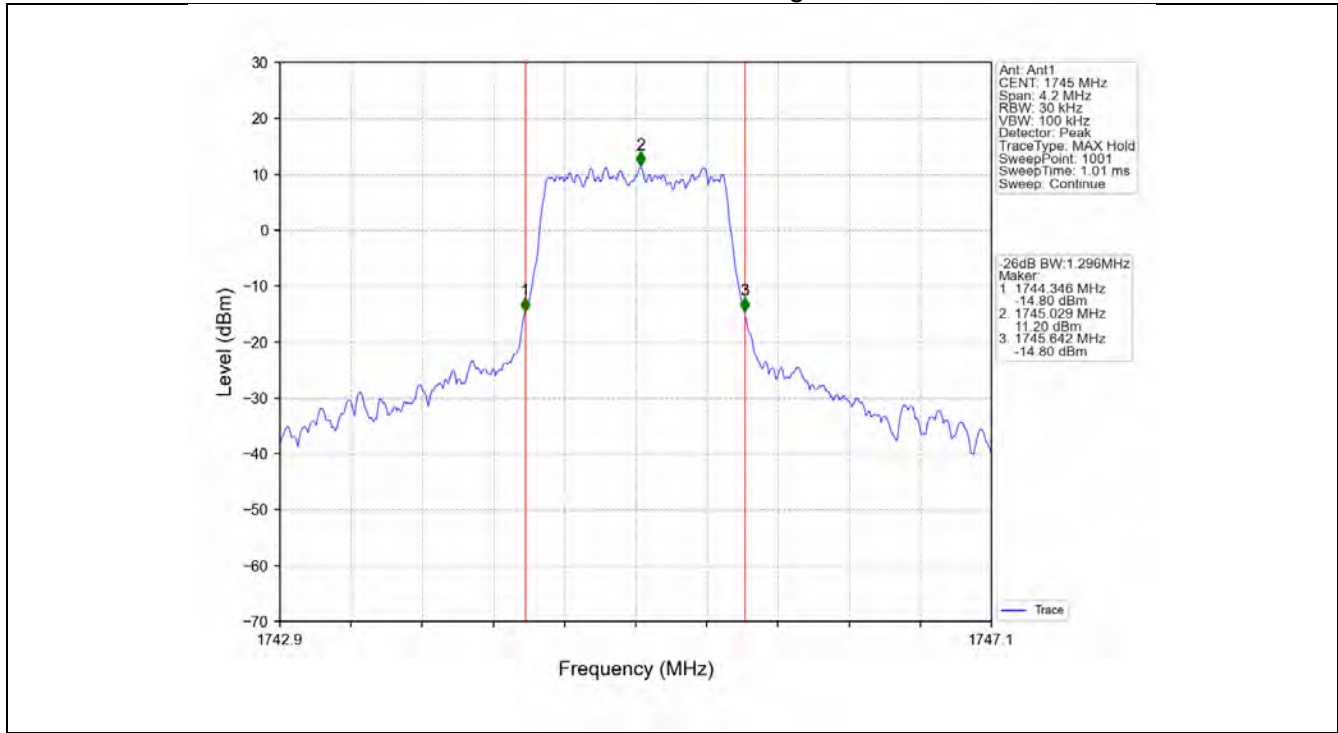


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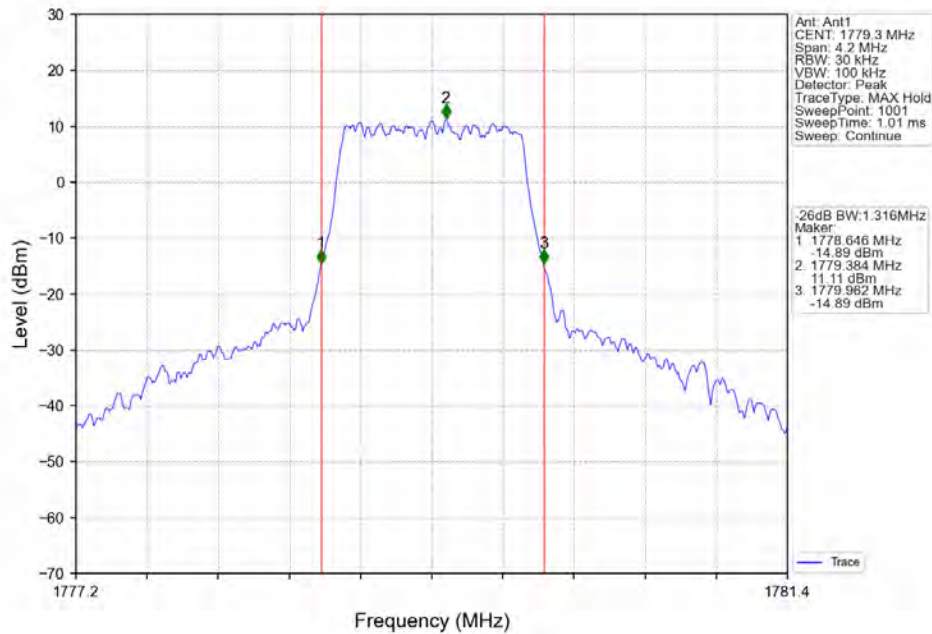


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Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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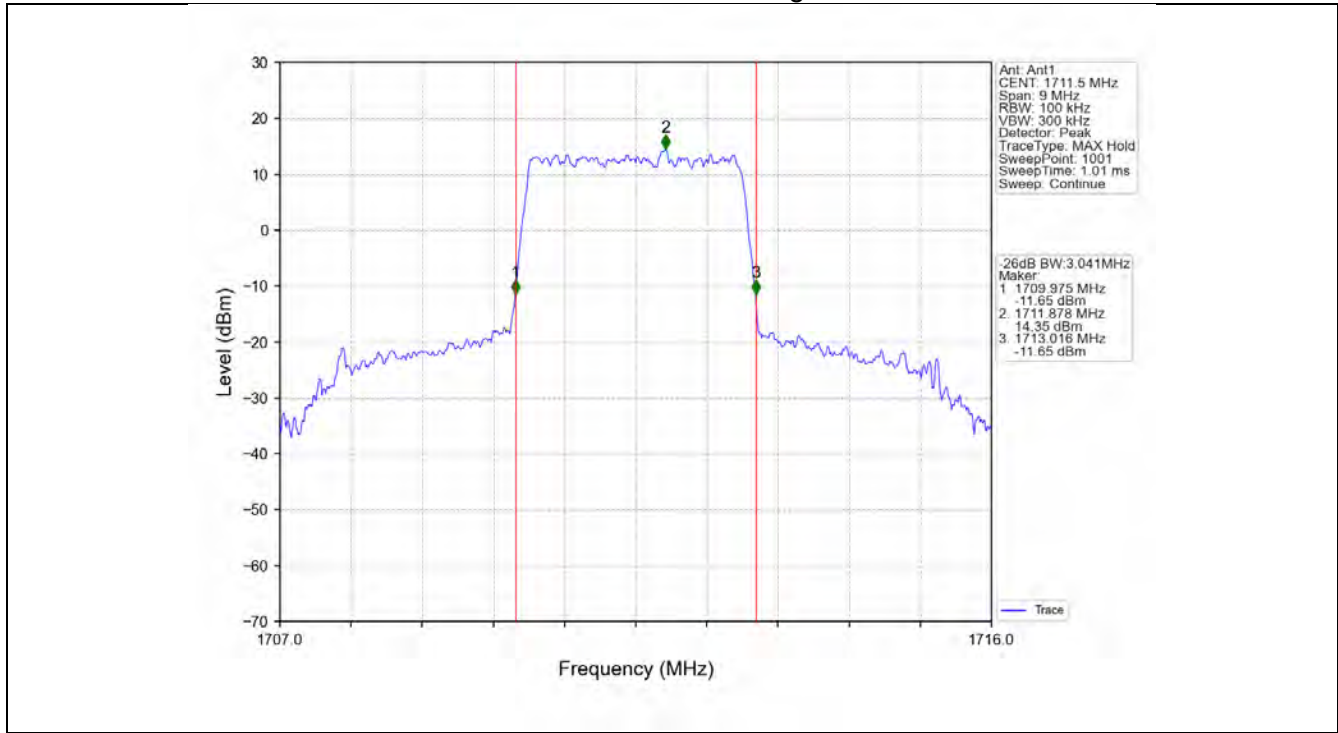
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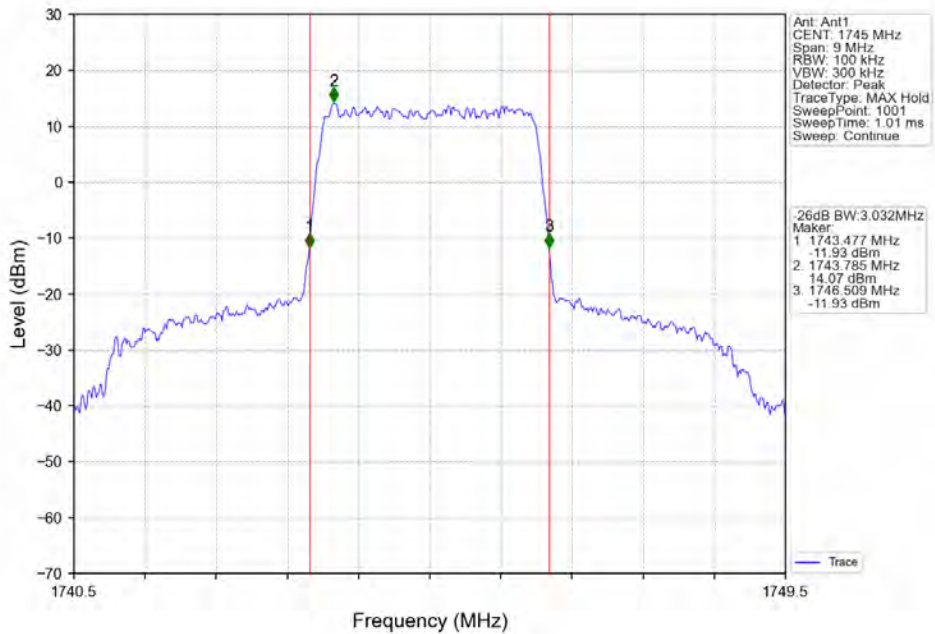


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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_15\_0\_NTNV



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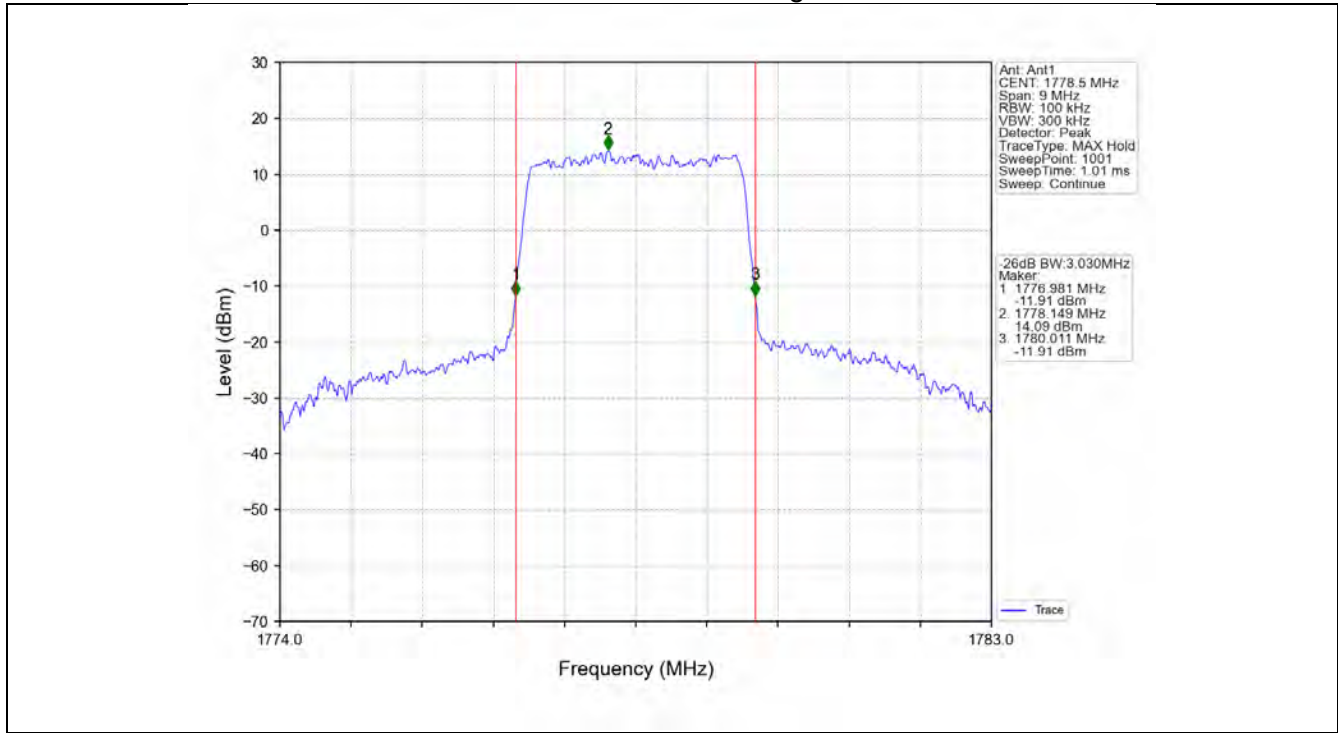


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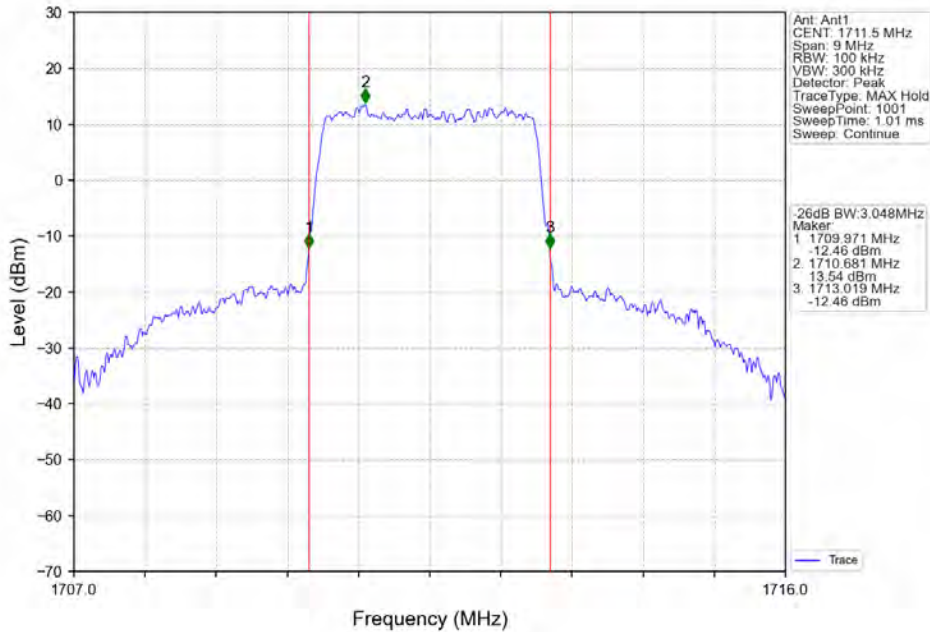


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Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



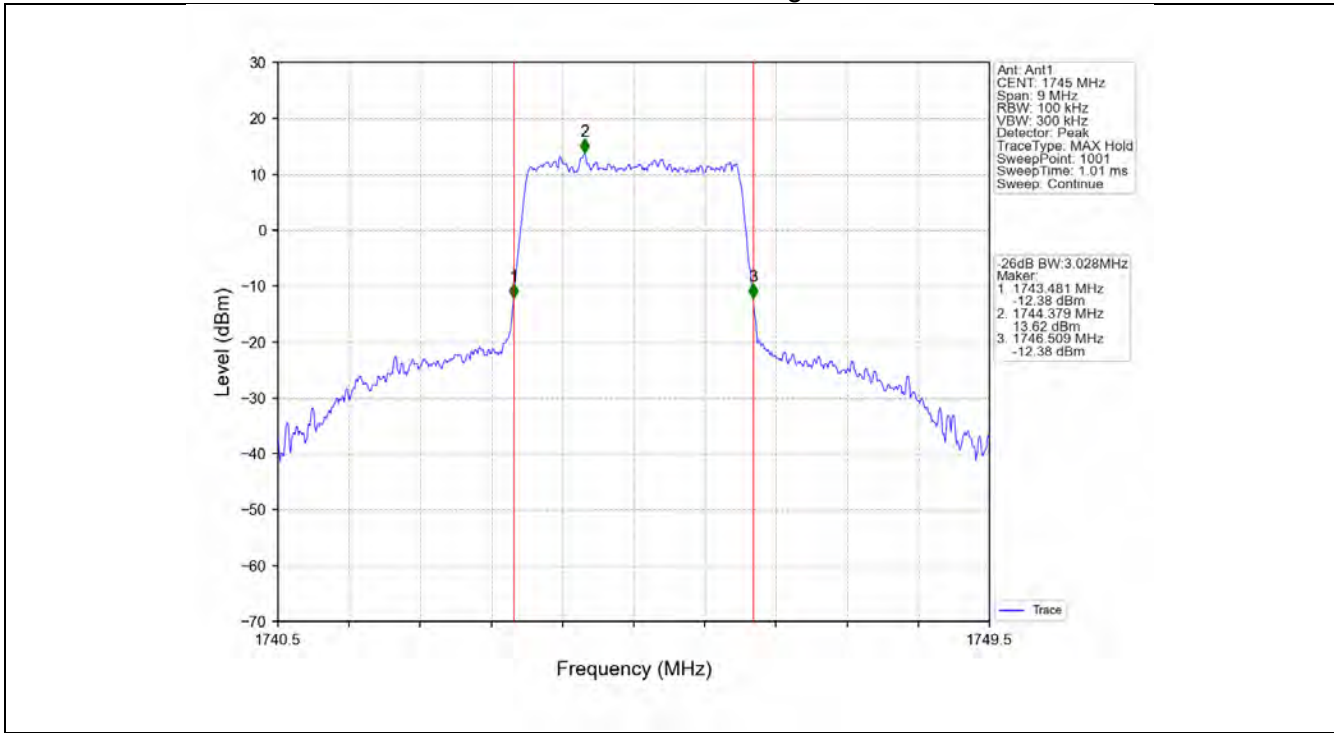
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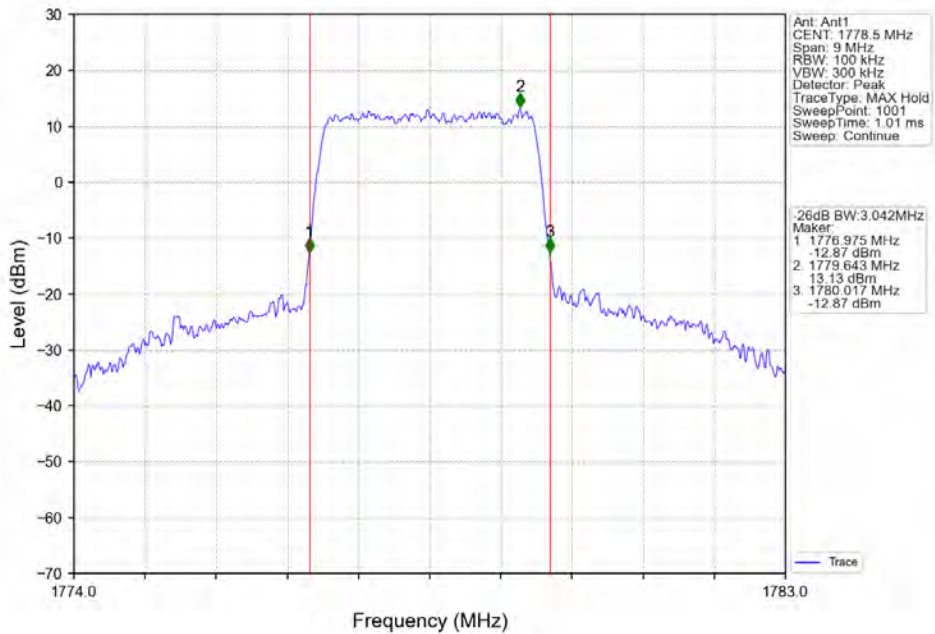


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Band66\_3MHz\_16QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



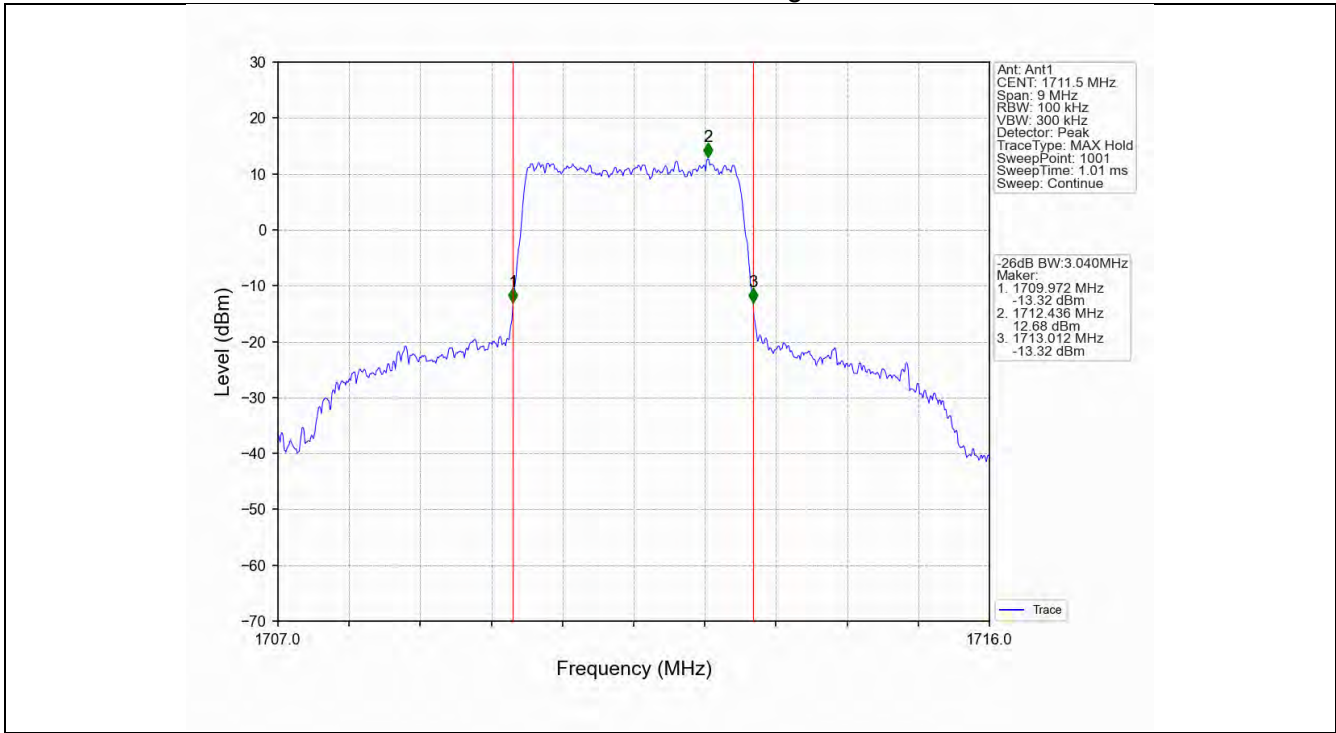
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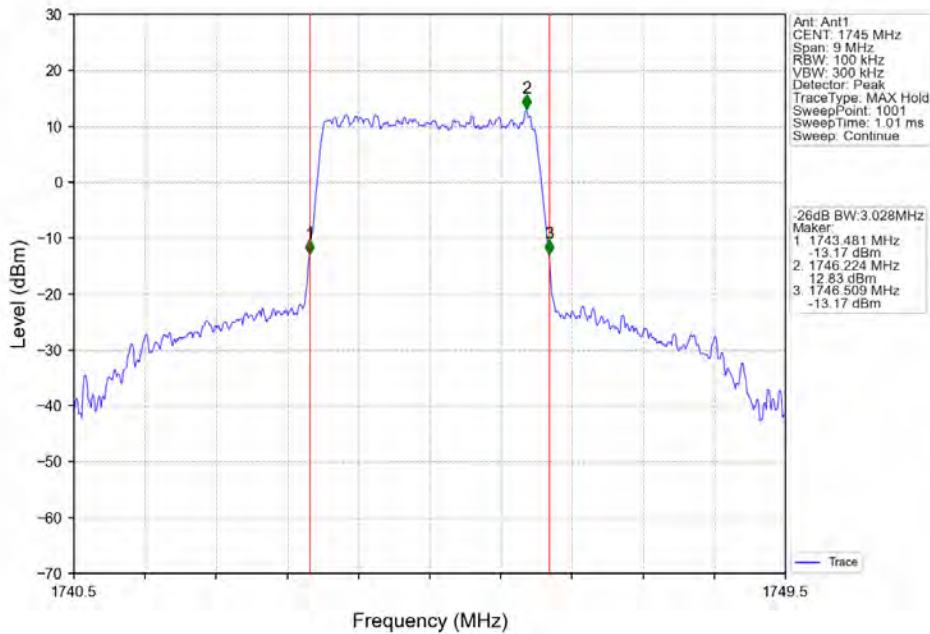


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Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



Band66\_3MHz\_64QAM\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



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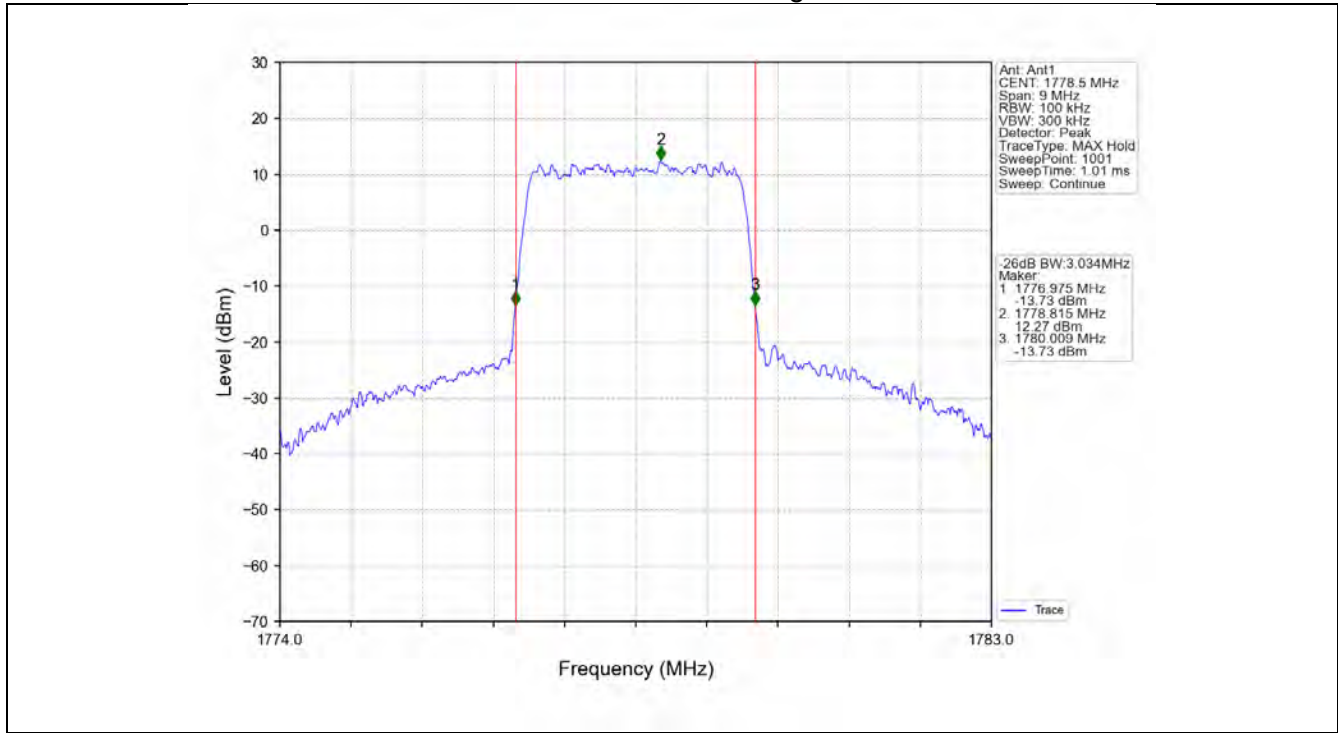
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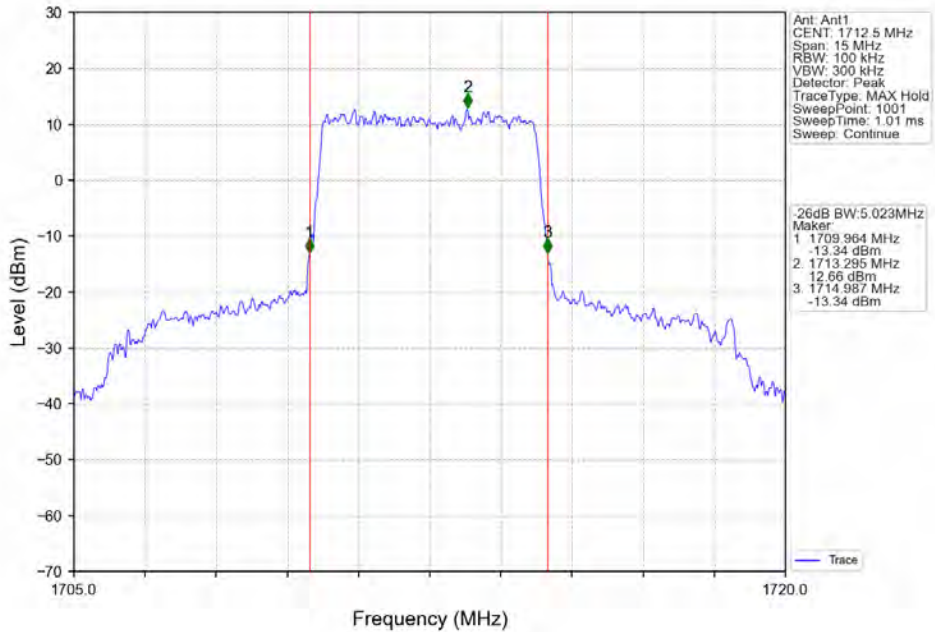


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Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_25\_0\_NTNV

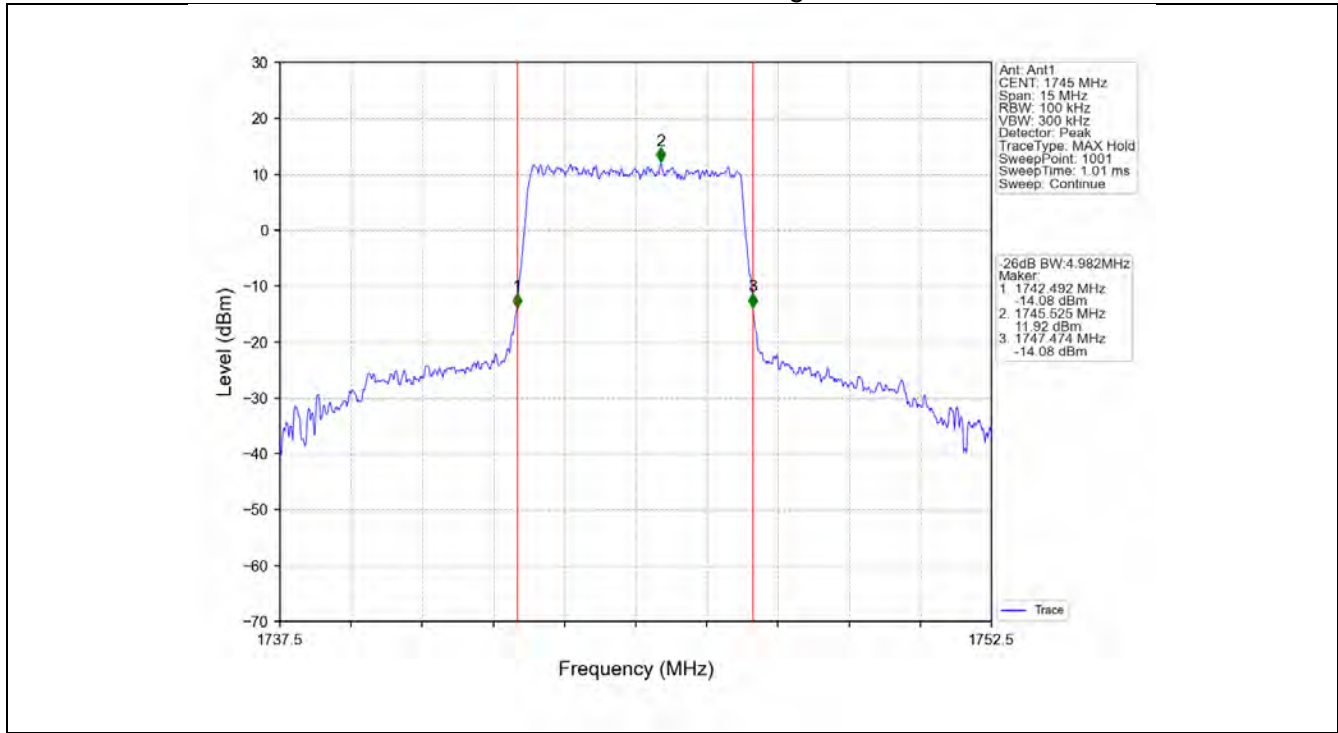


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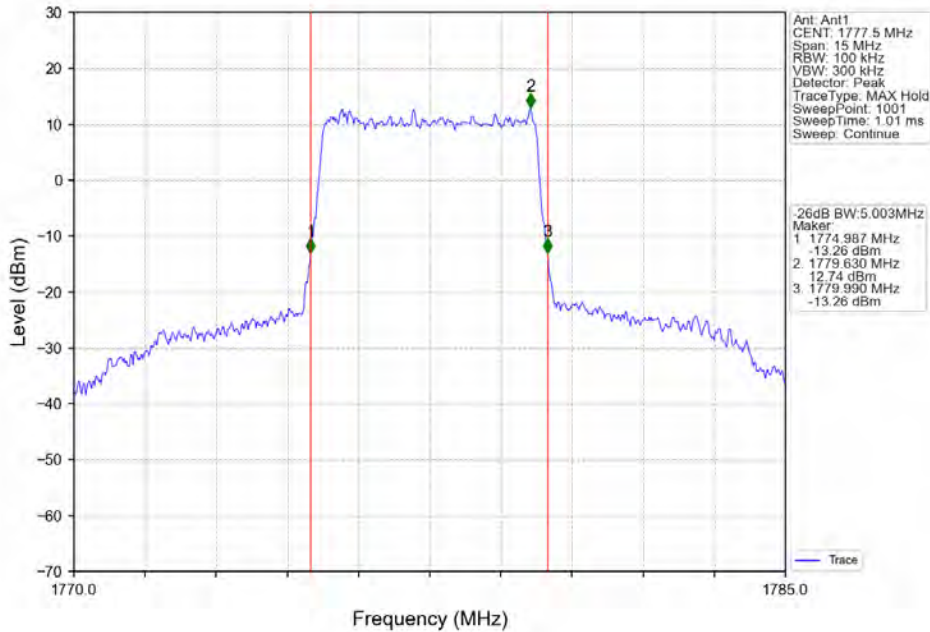


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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



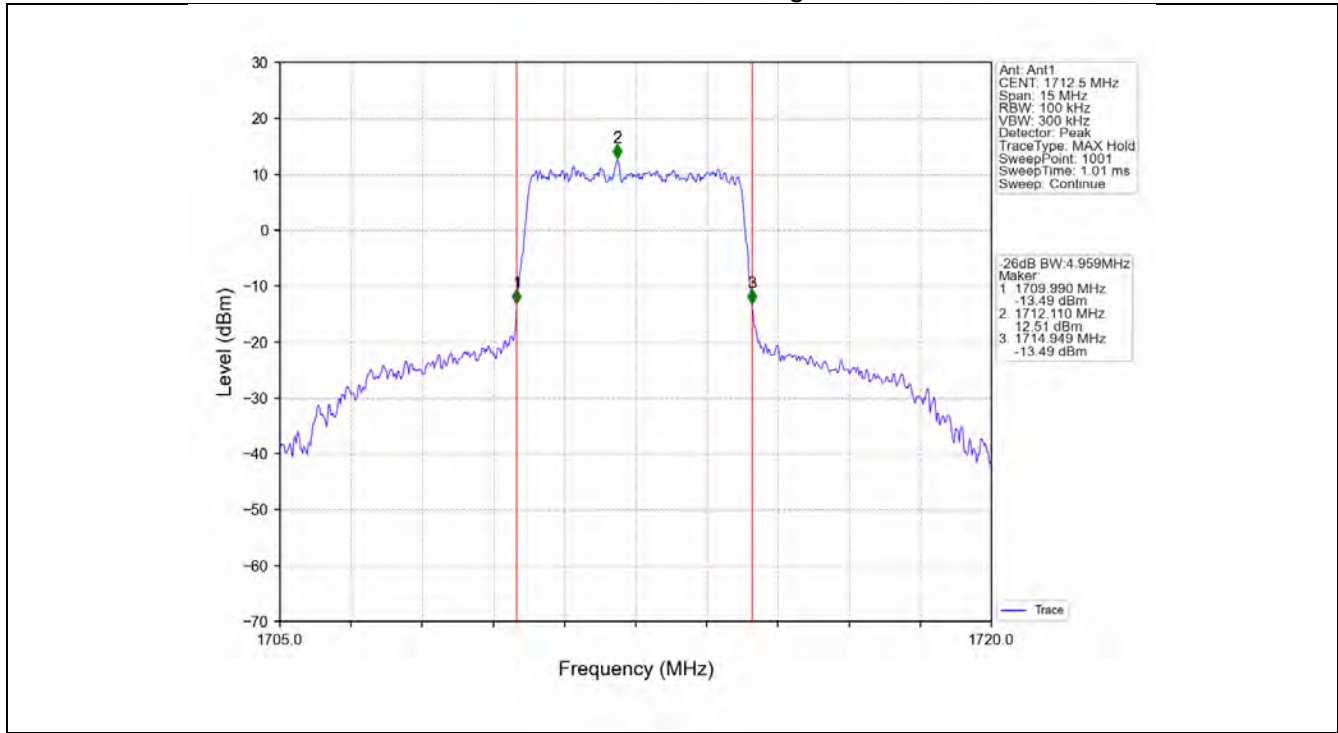
Band66\_5MHz\_16QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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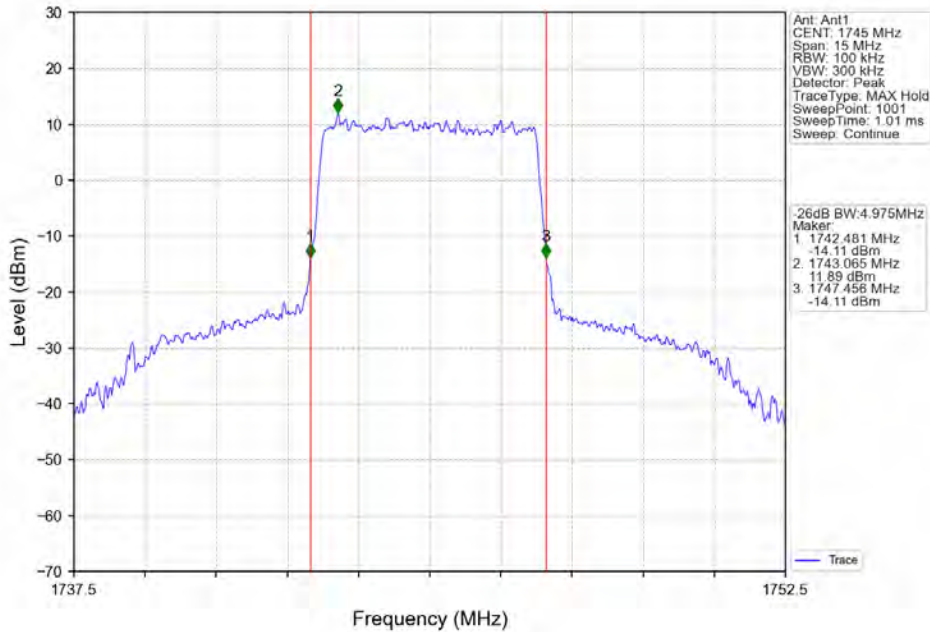


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Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



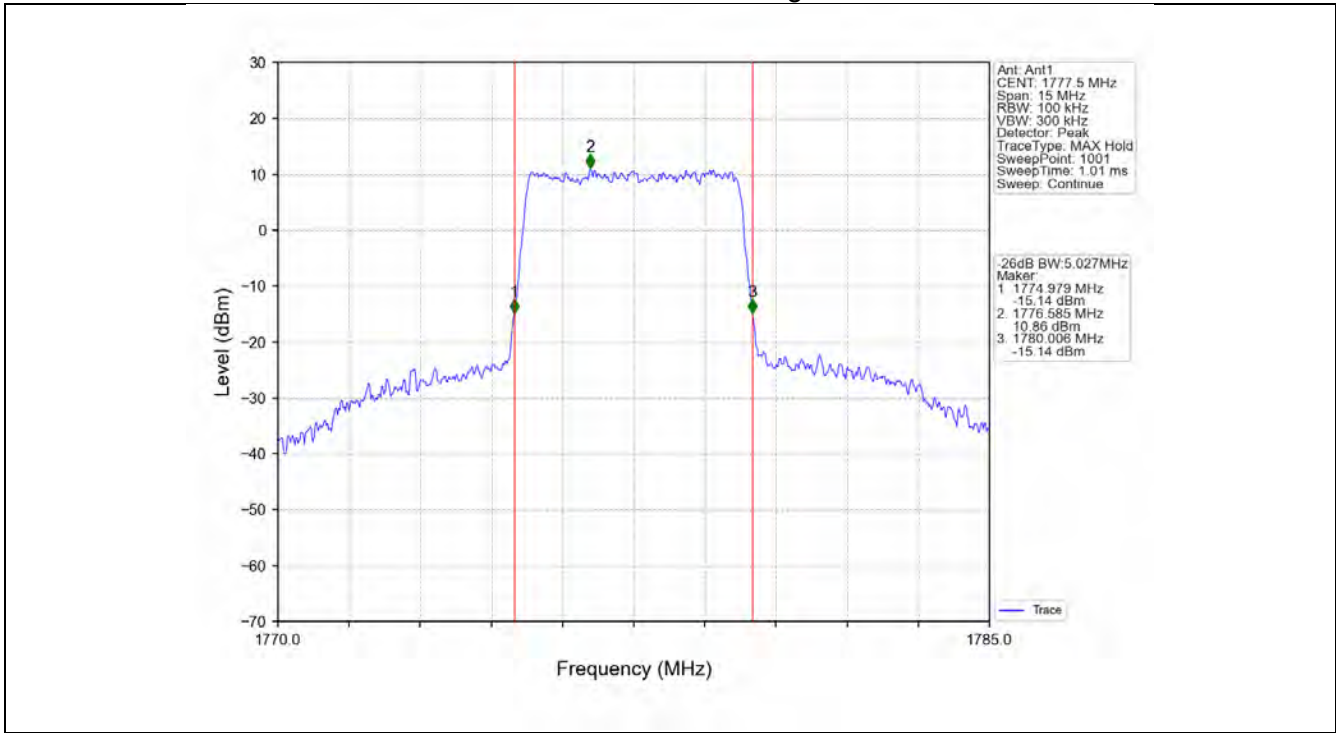
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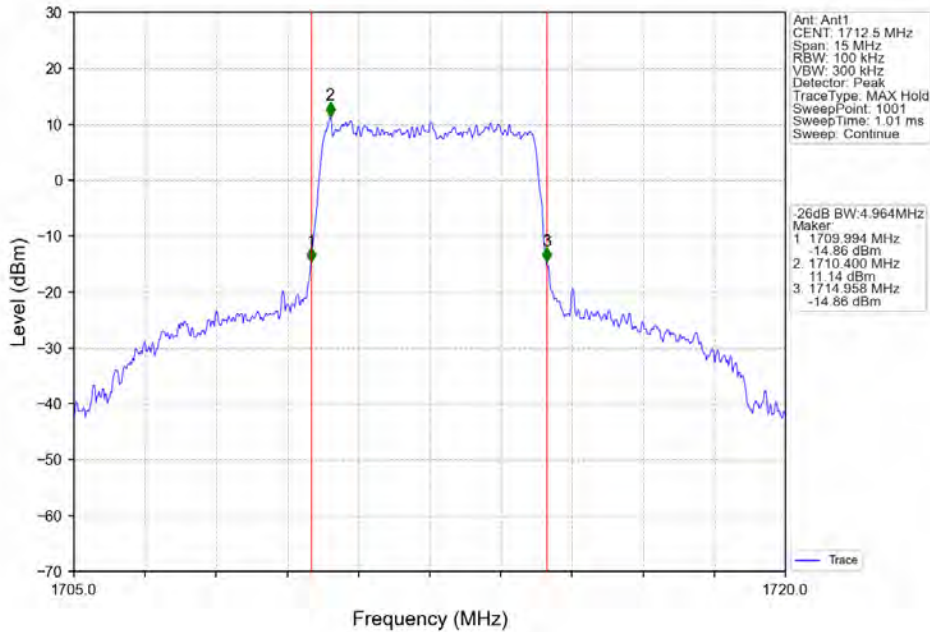


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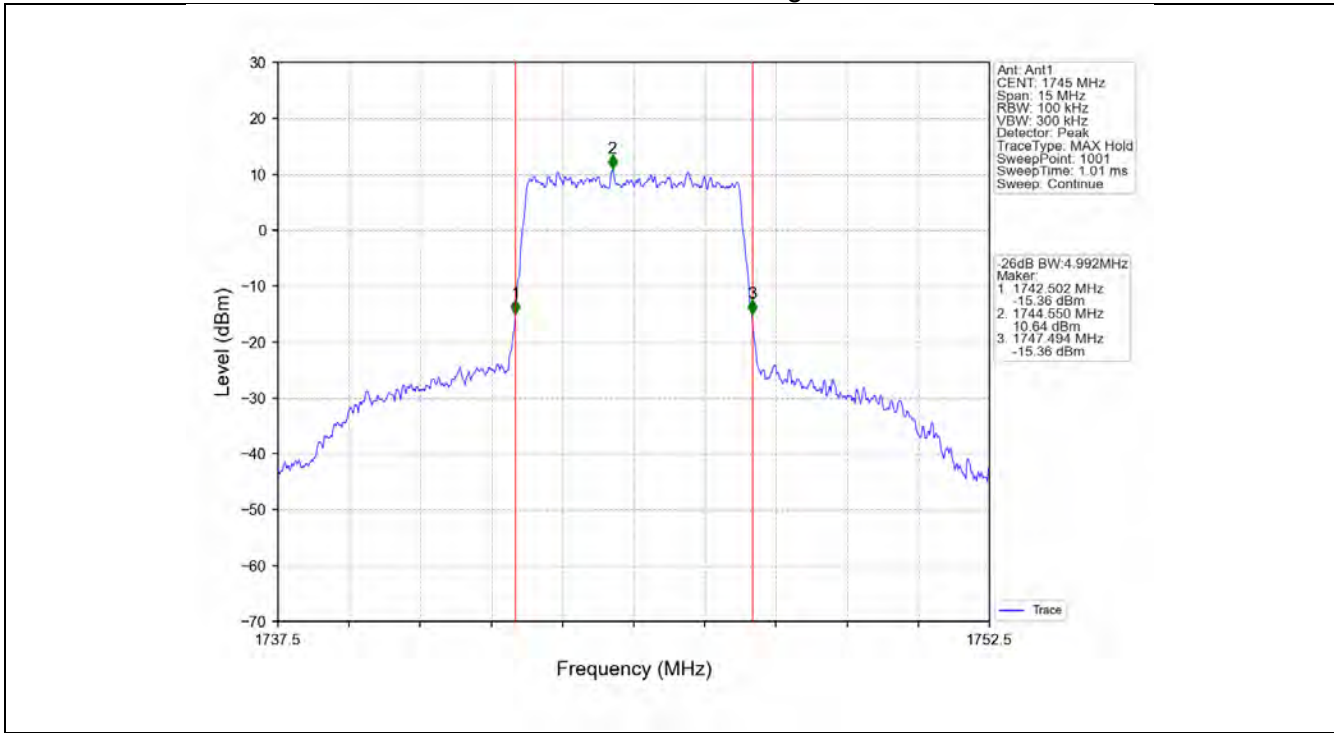
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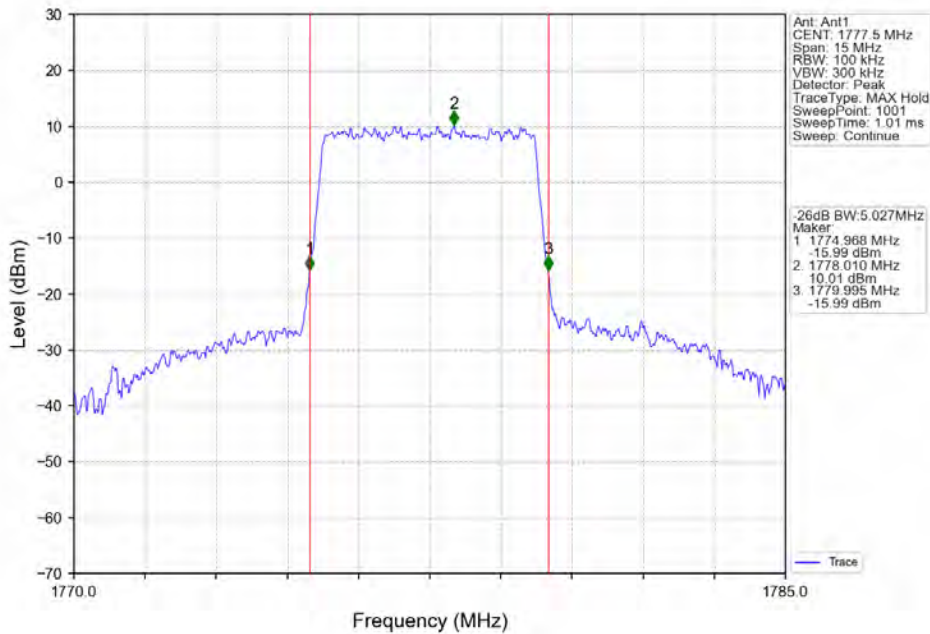


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Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

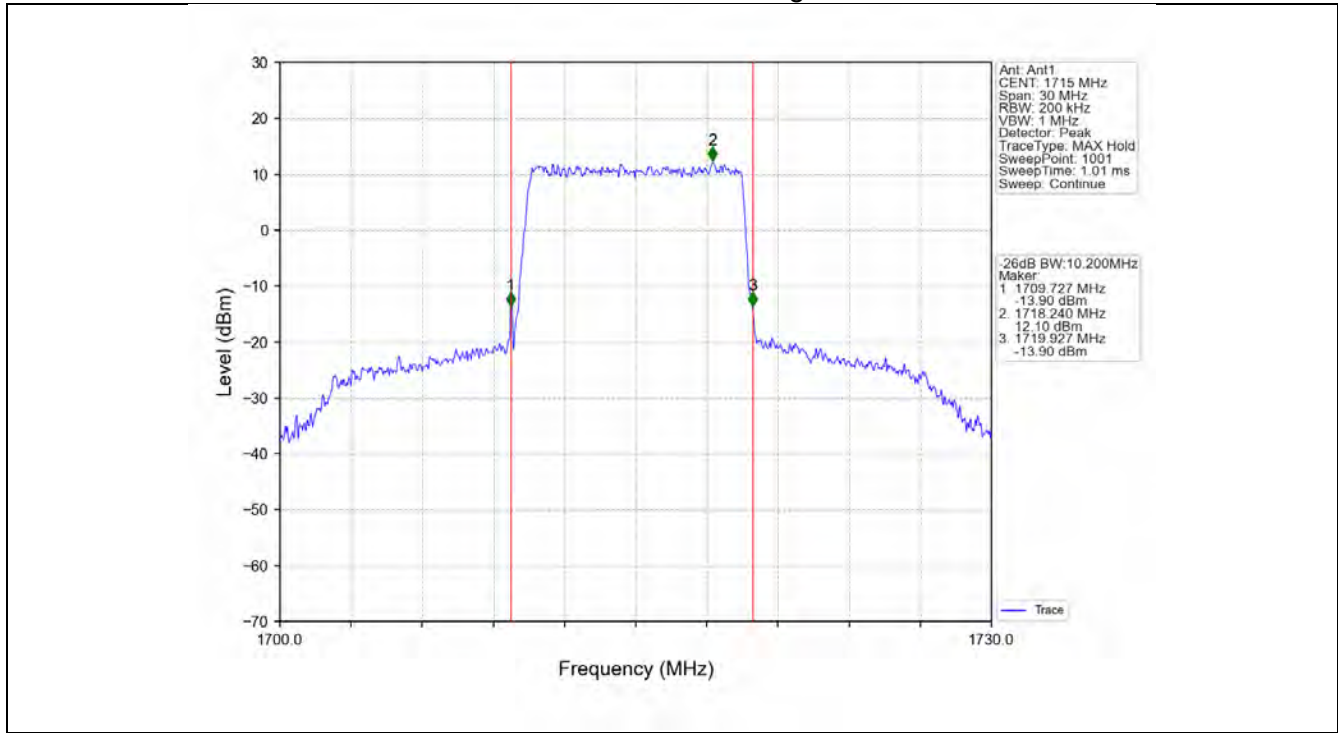


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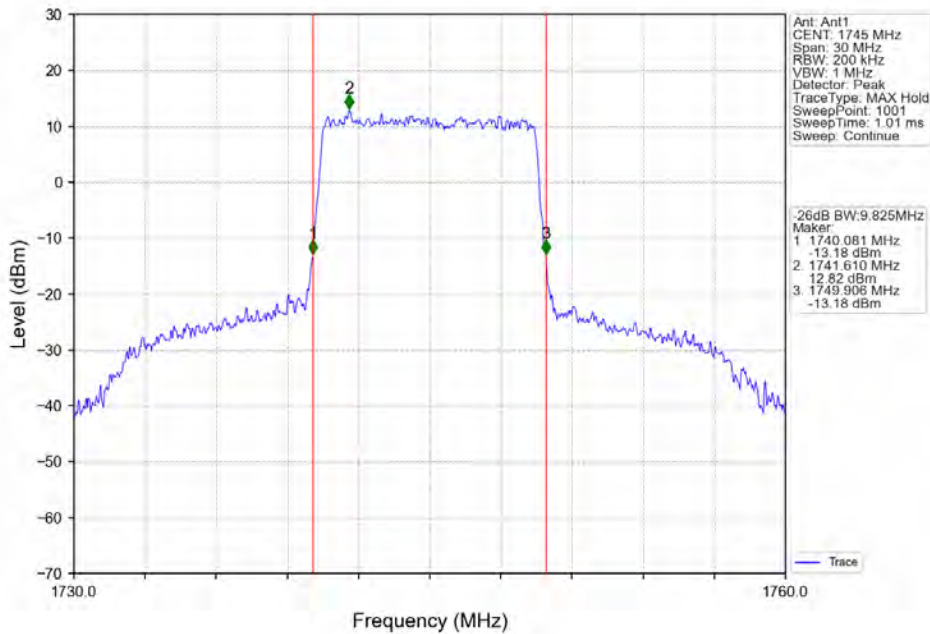


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Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



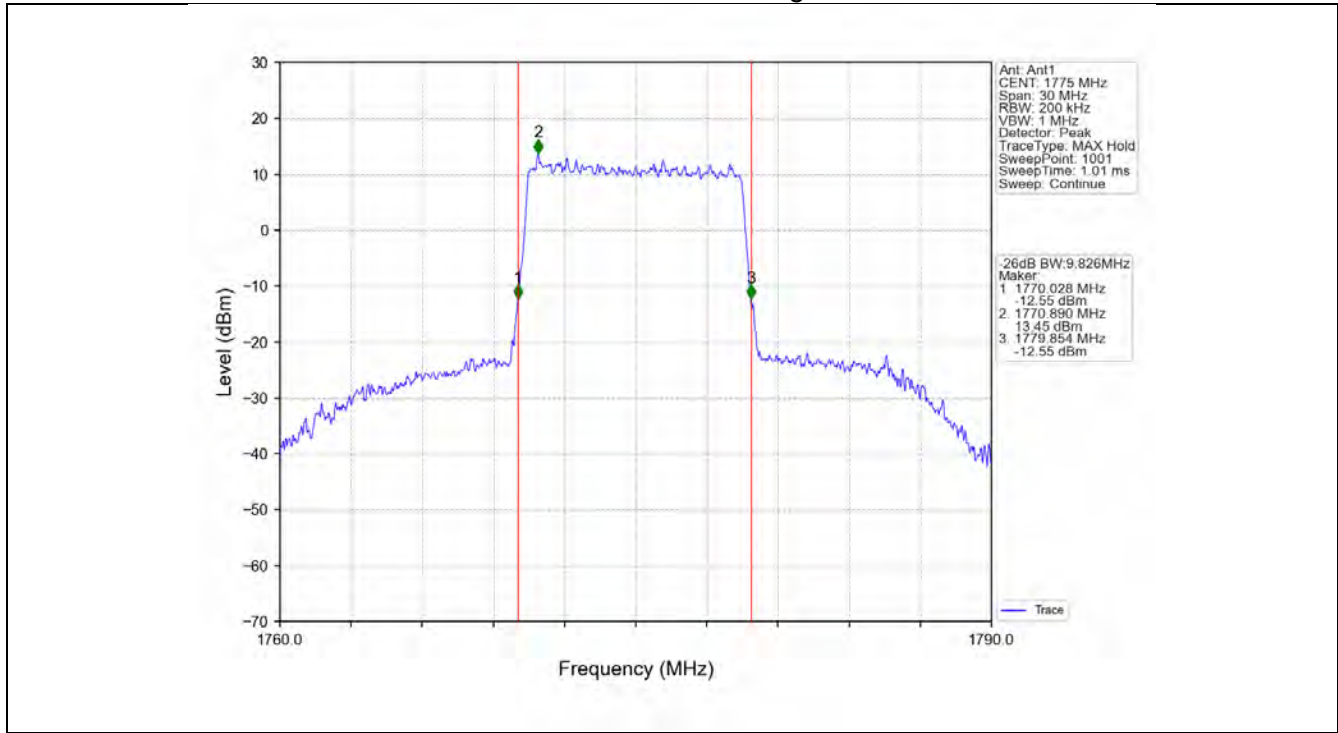
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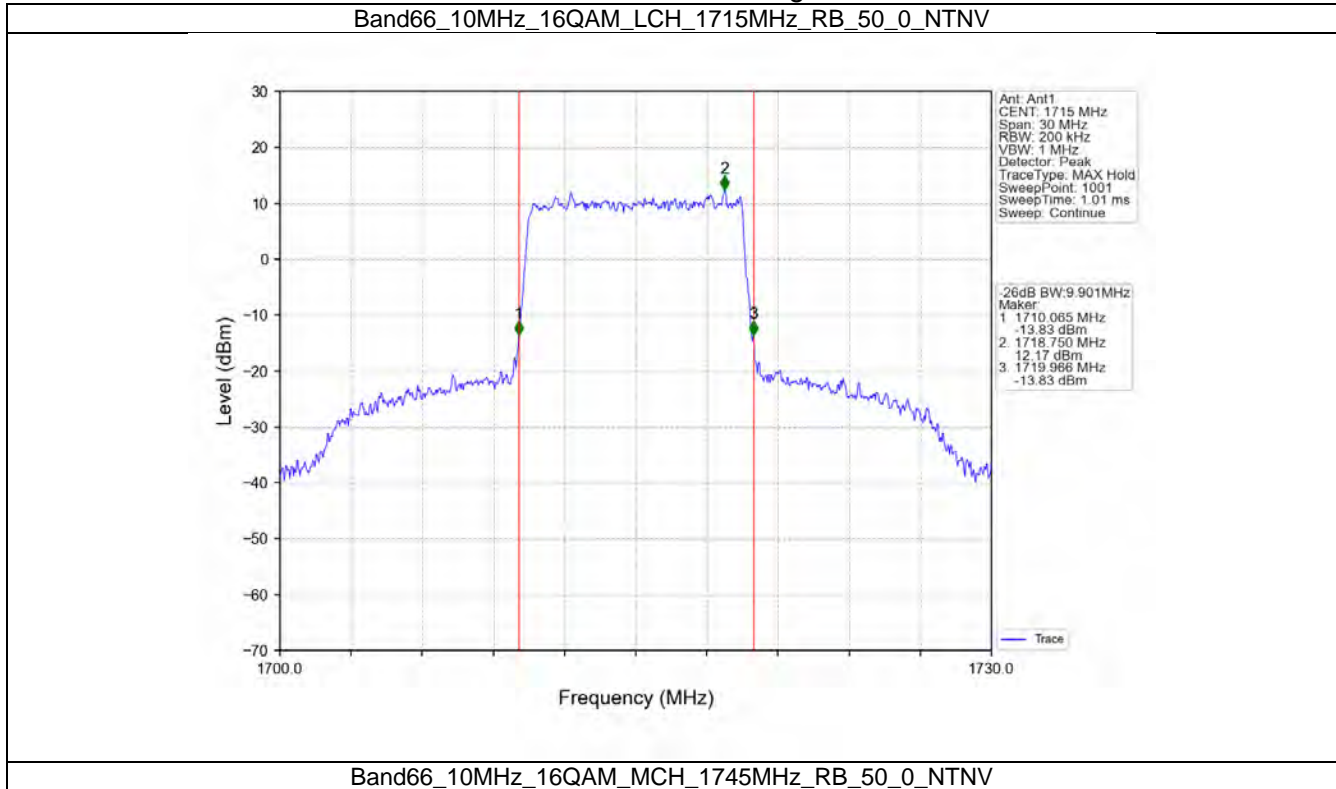
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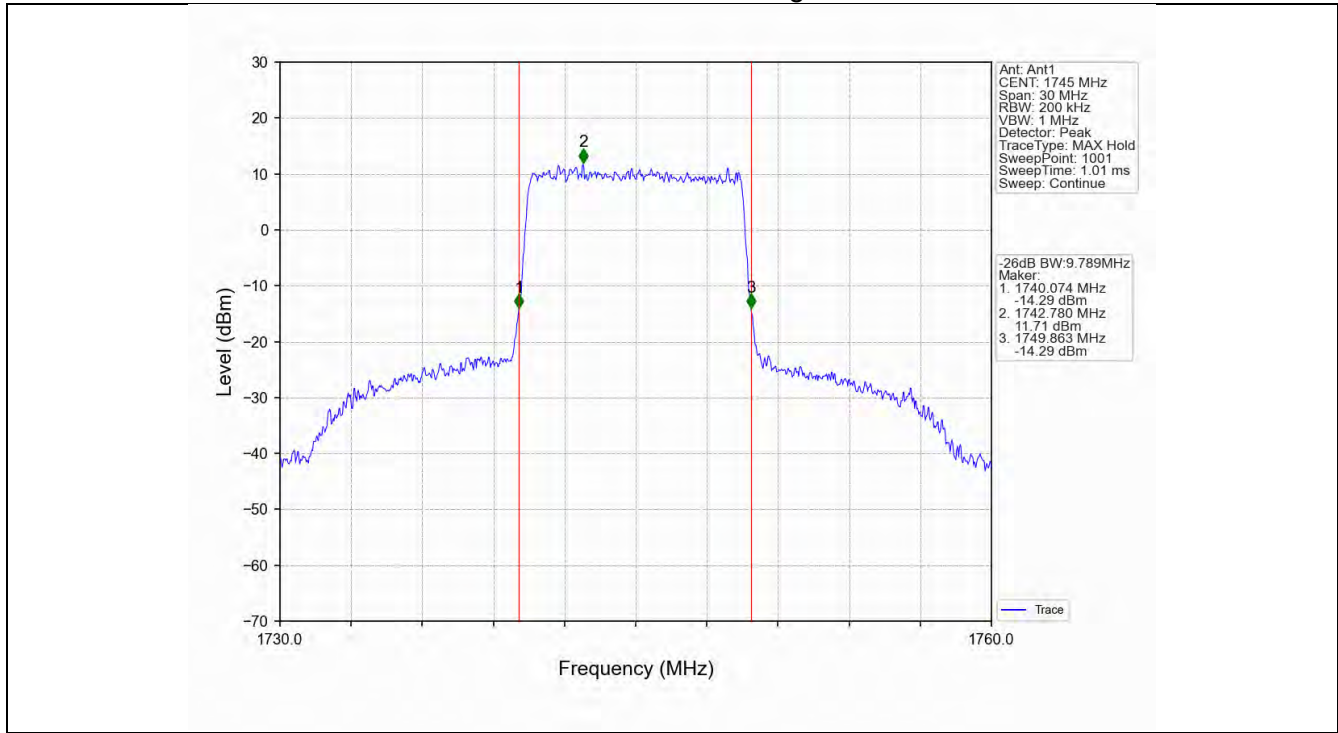
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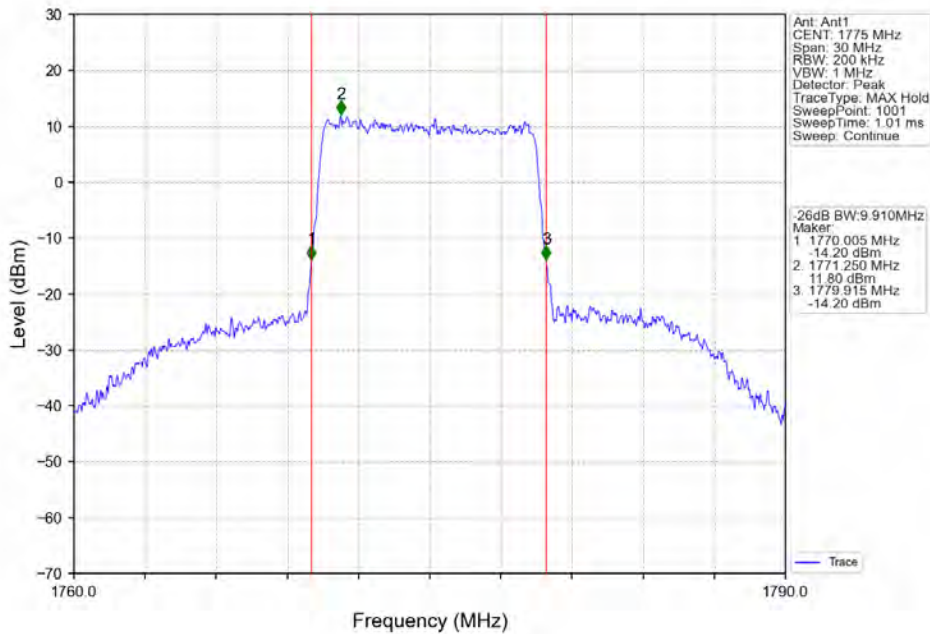


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Band66\_10MHz\_16QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



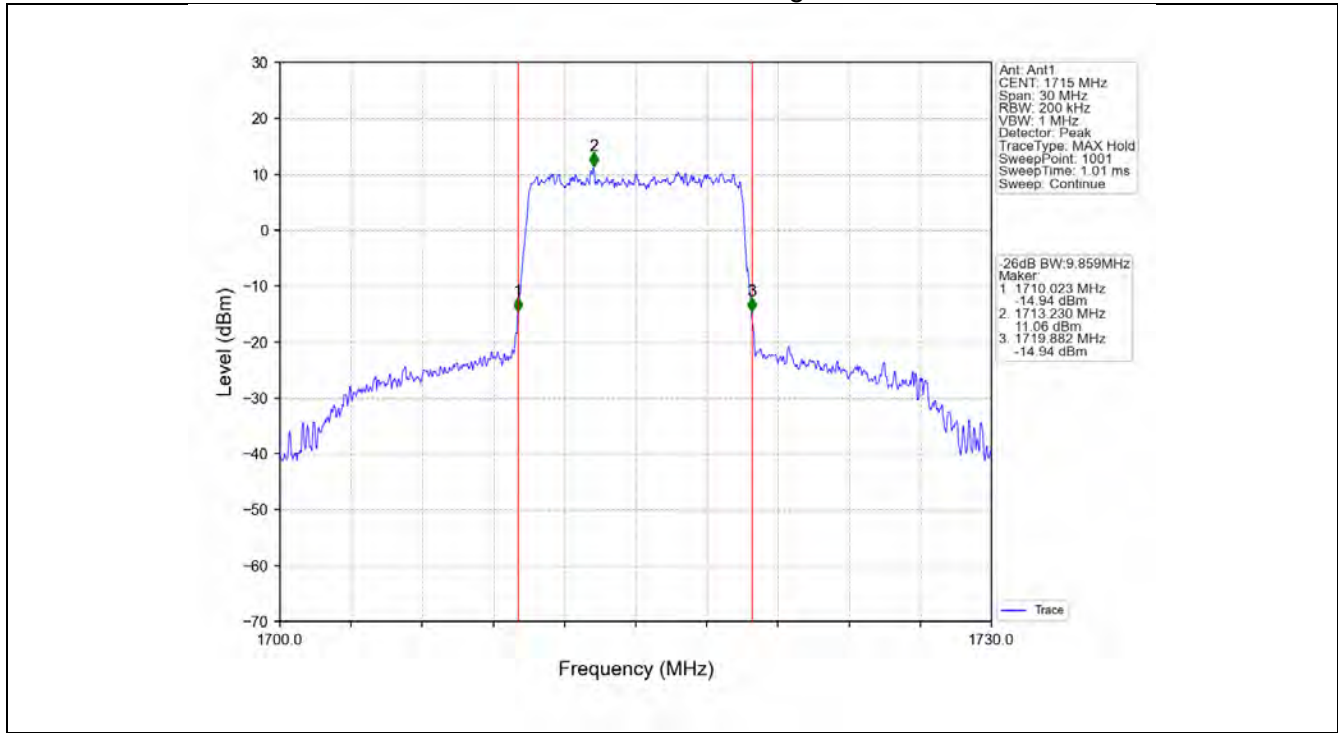
Band66\_10MHz\_64QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



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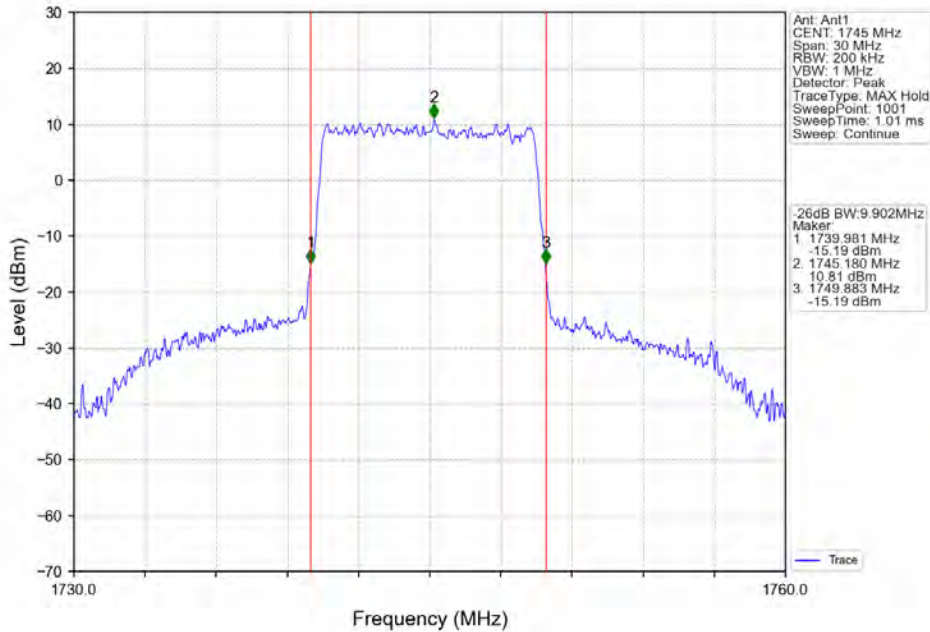


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Band66\_10MHz\_64QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



Band66\_10MHz\_64QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV

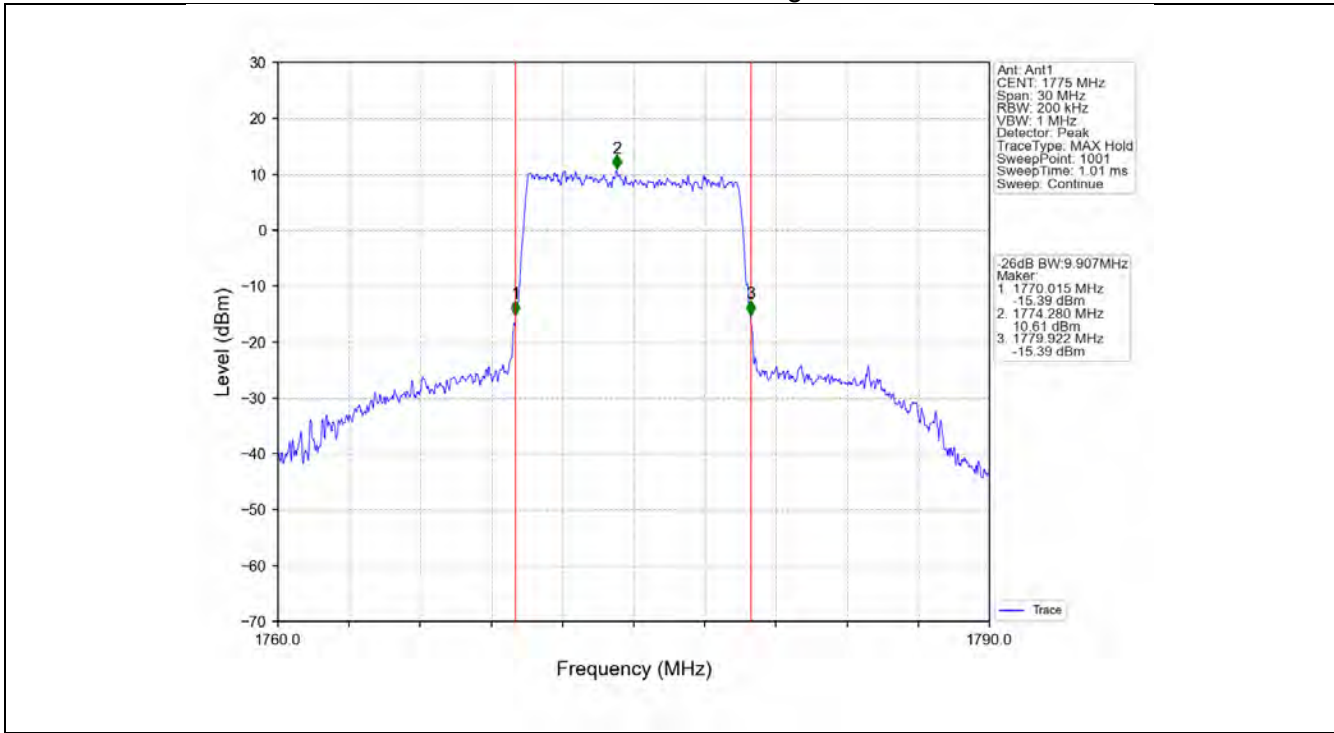


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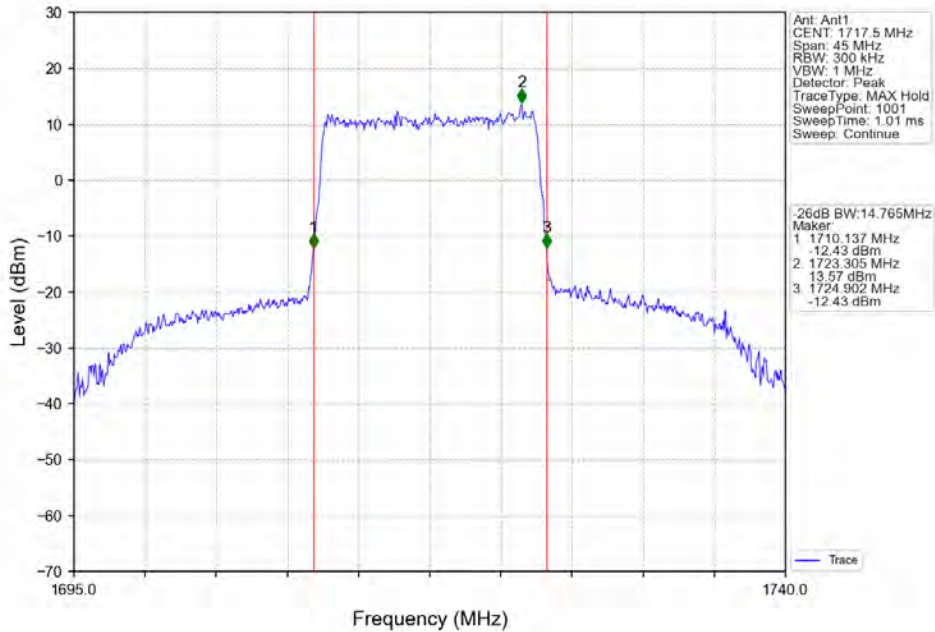


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Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



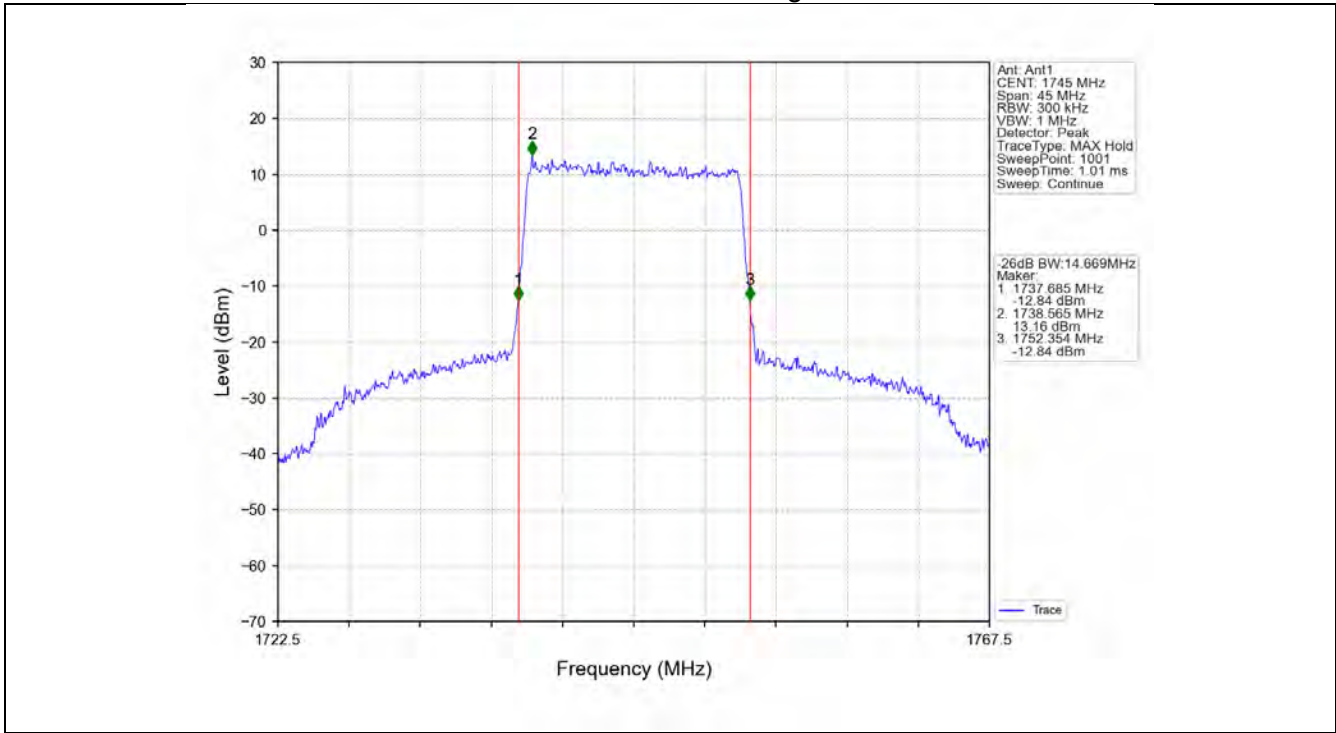
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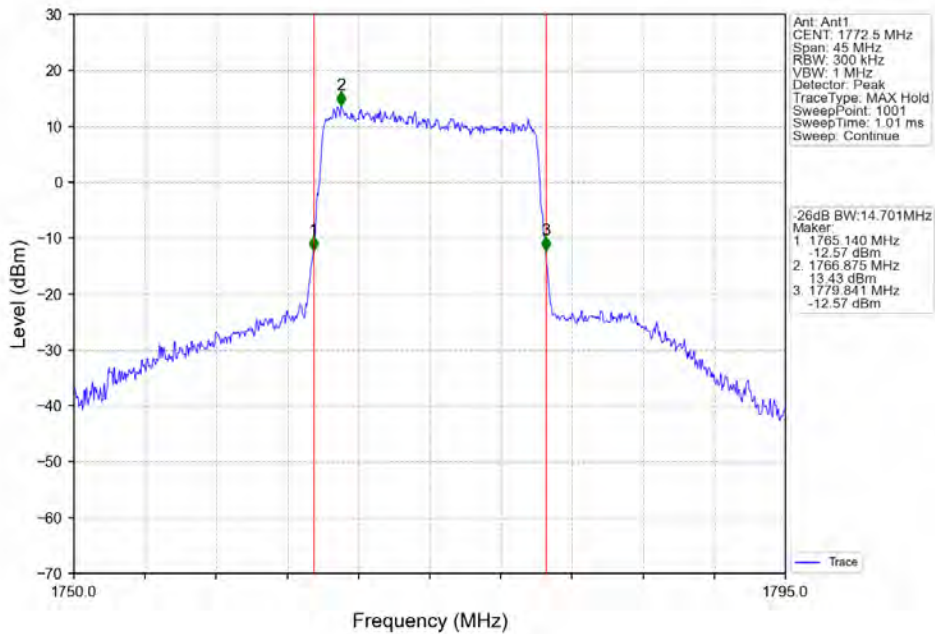


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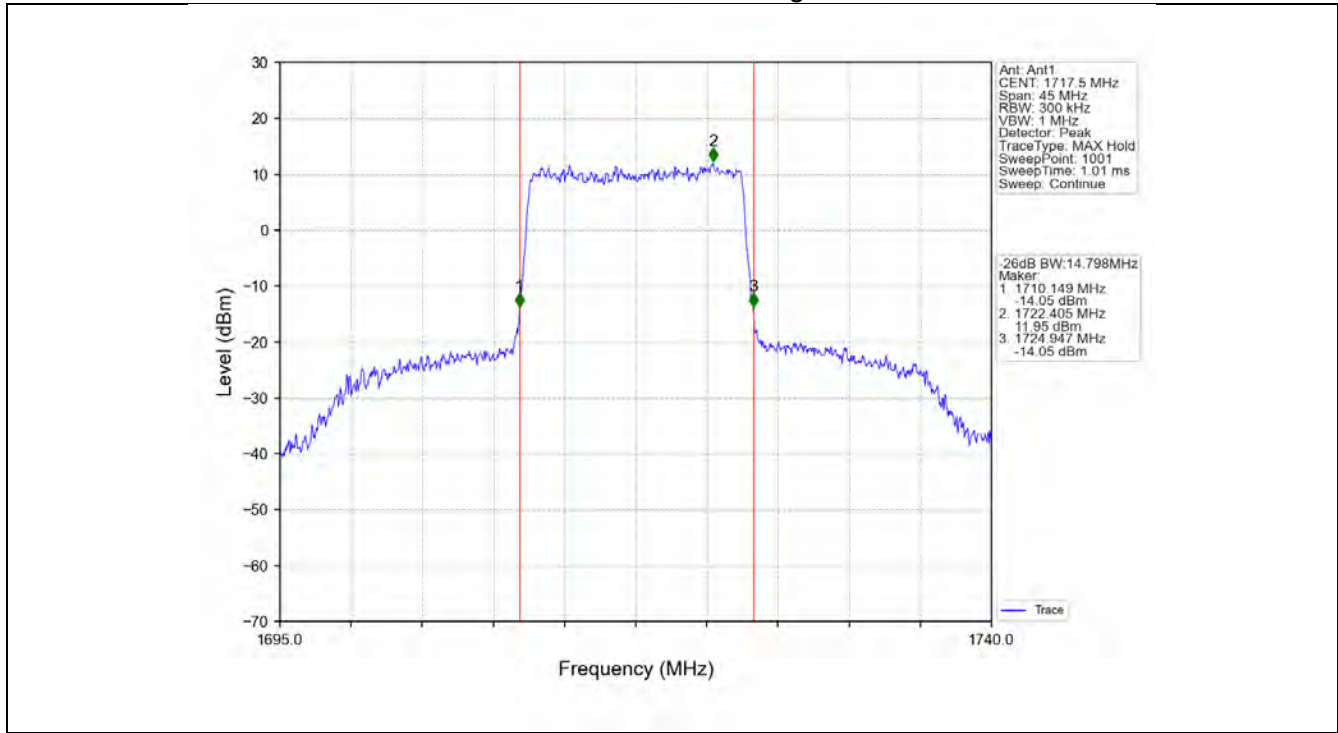
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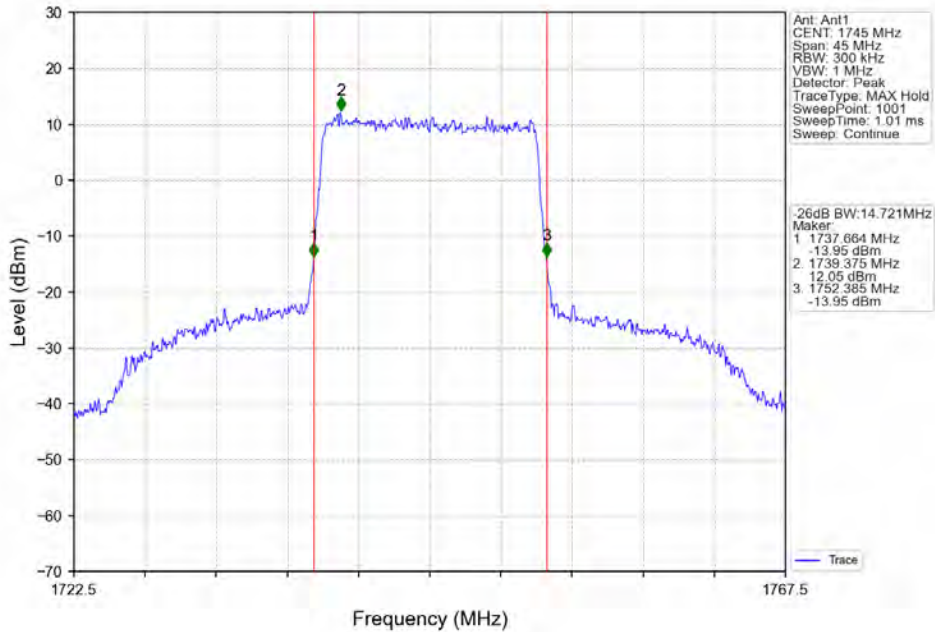


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Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



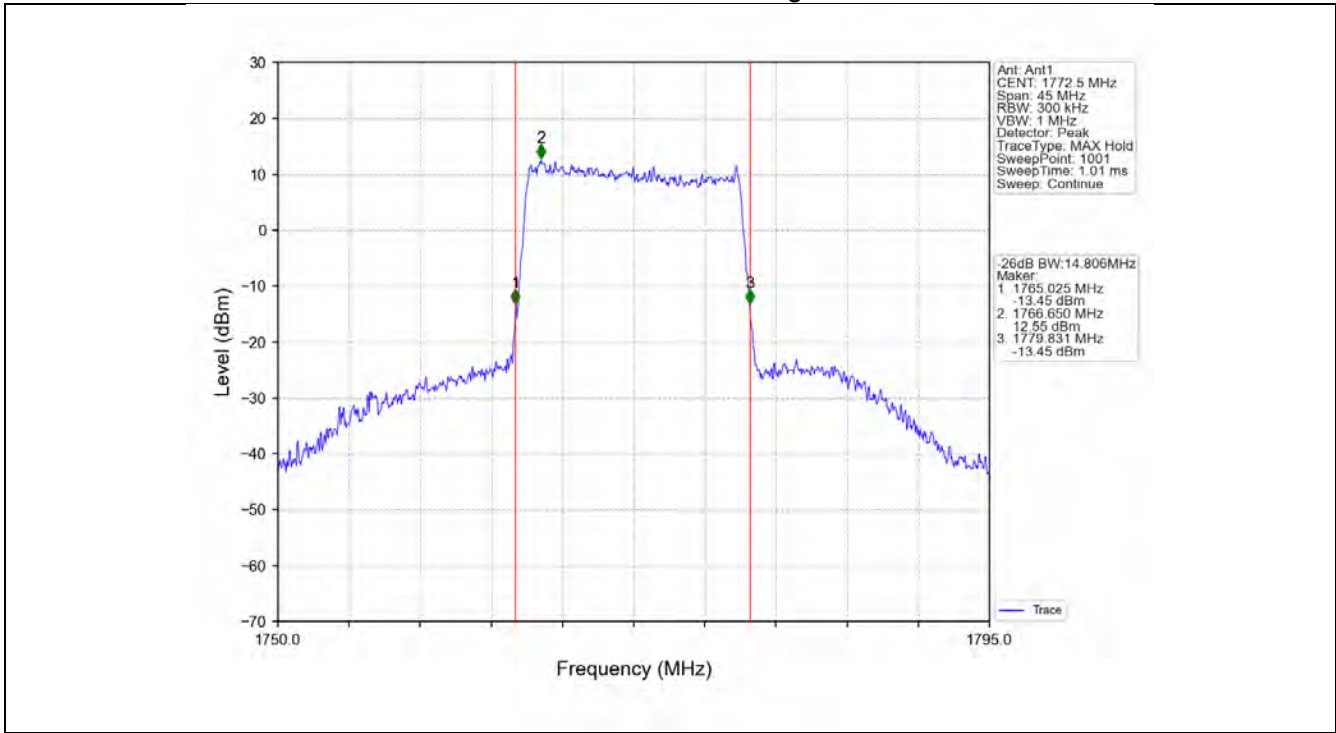
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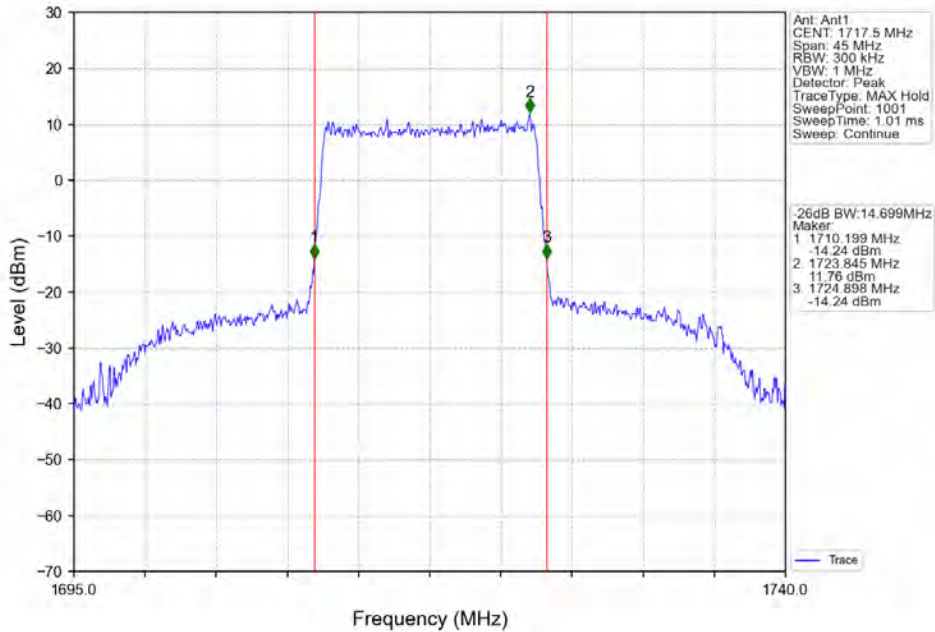
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Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV

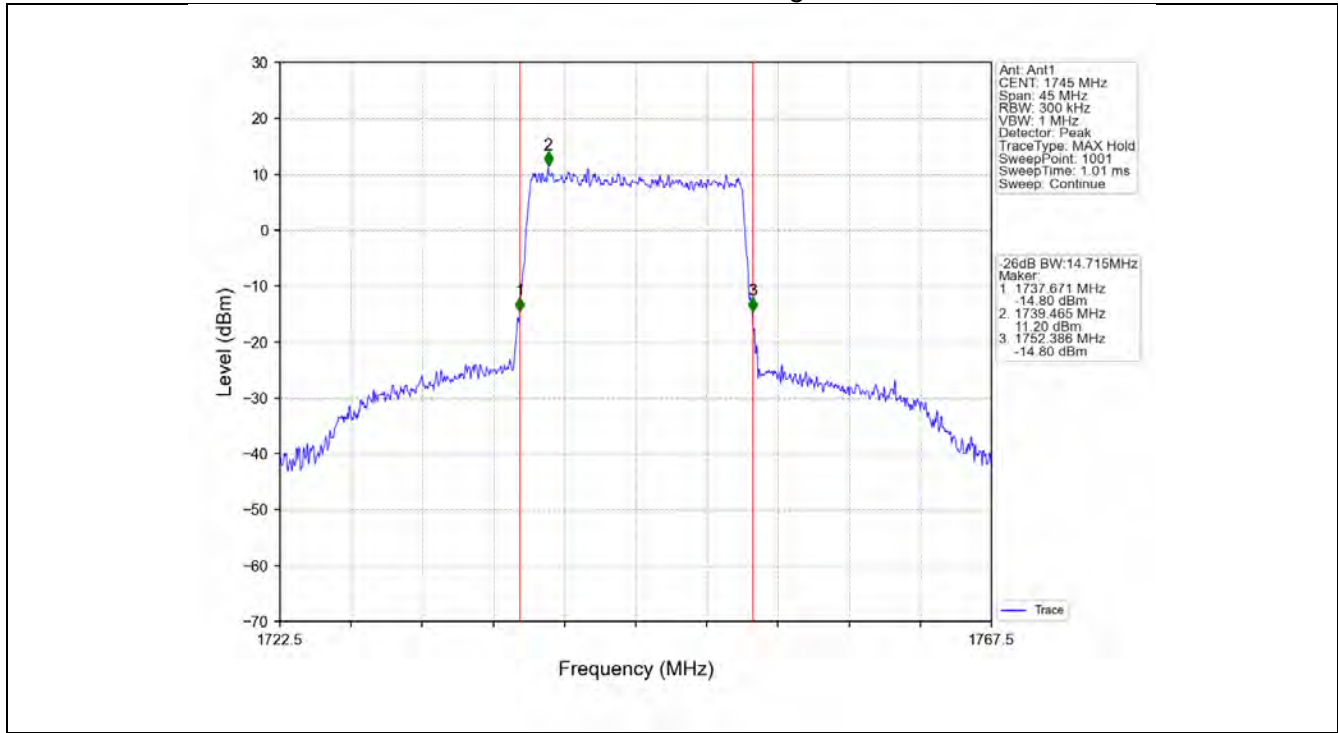


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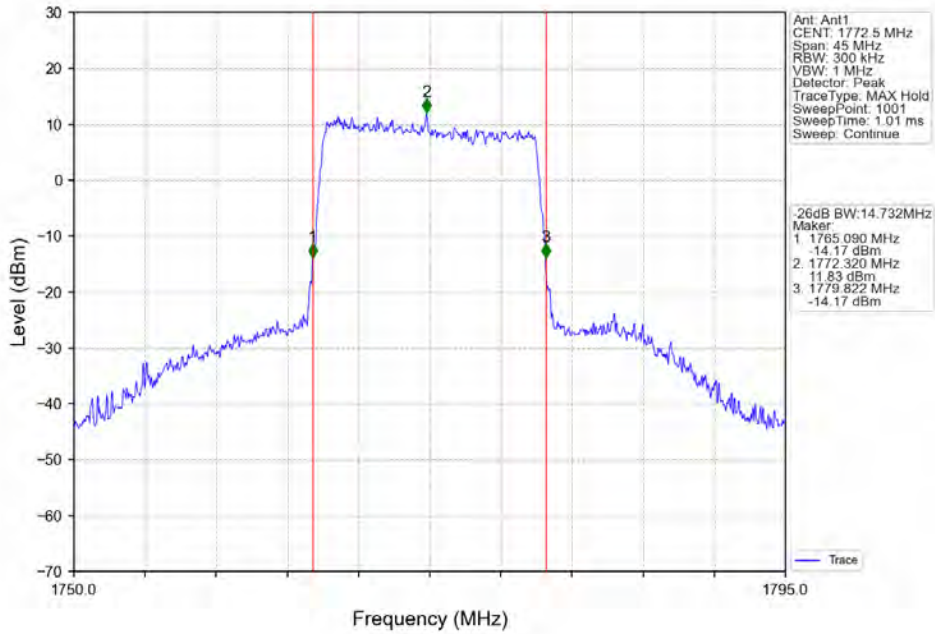


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Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



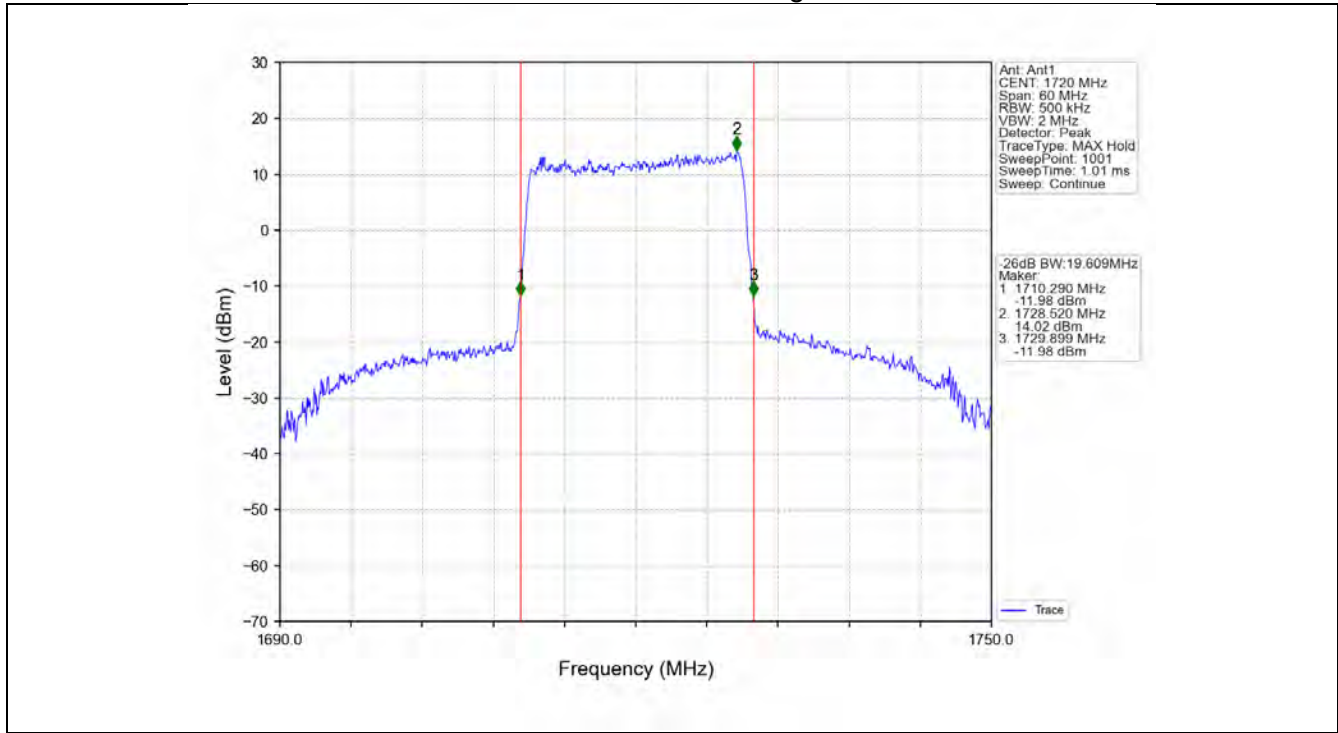
Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV



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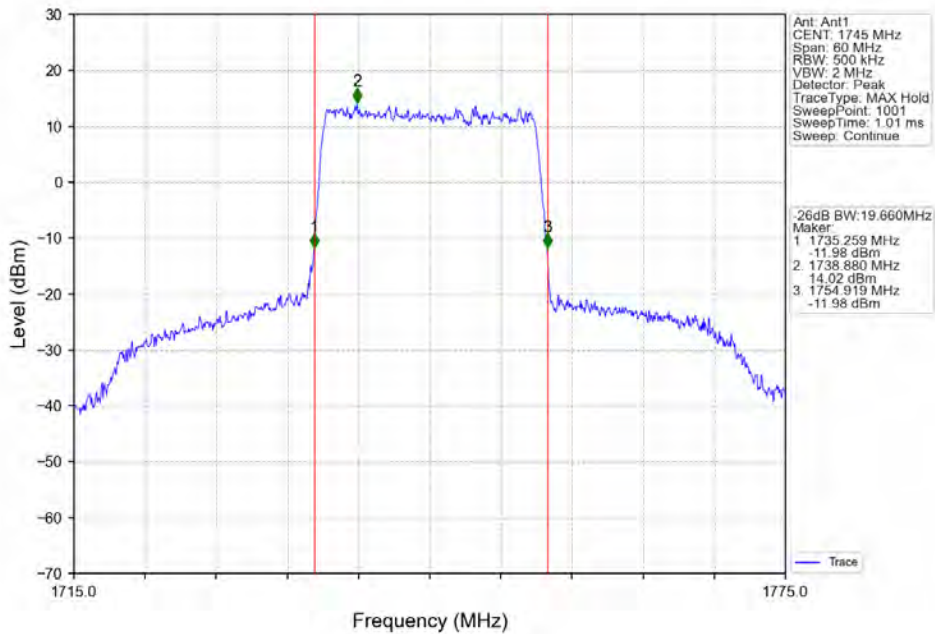


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Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_100\_0\_NTNV



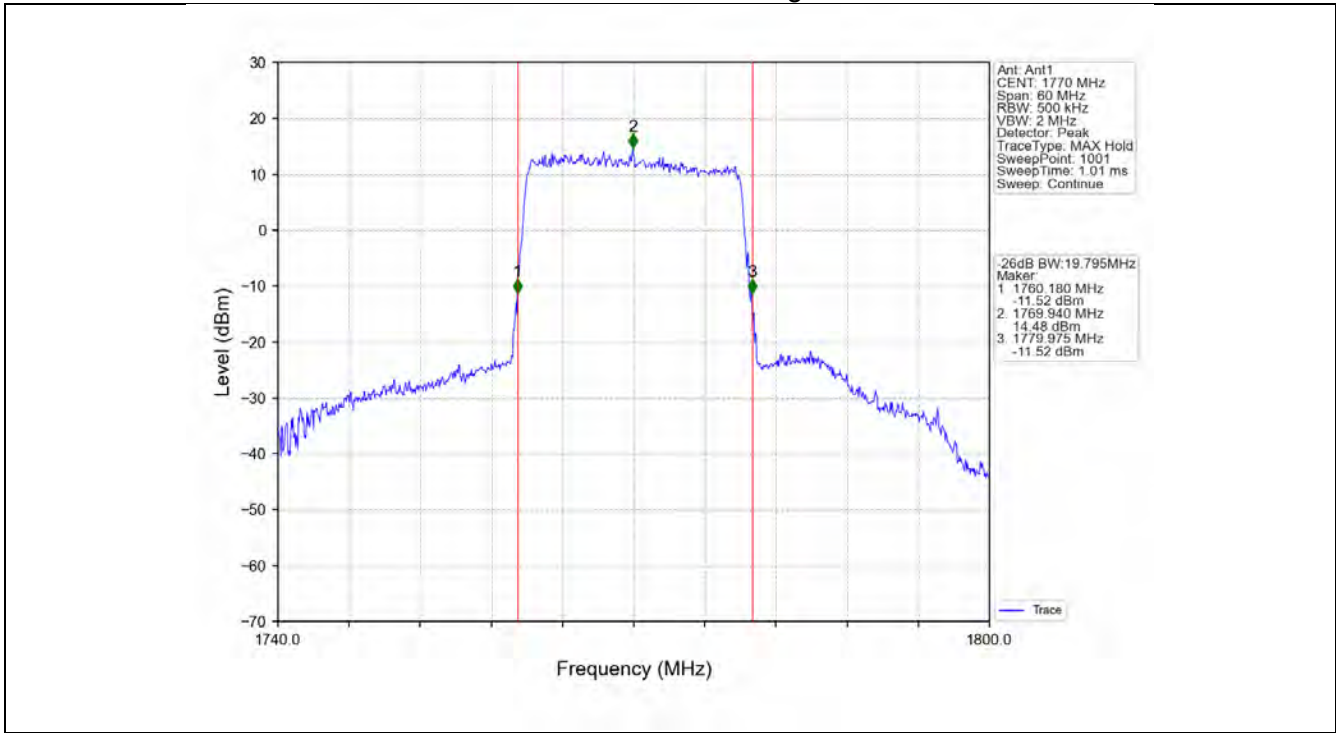
Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



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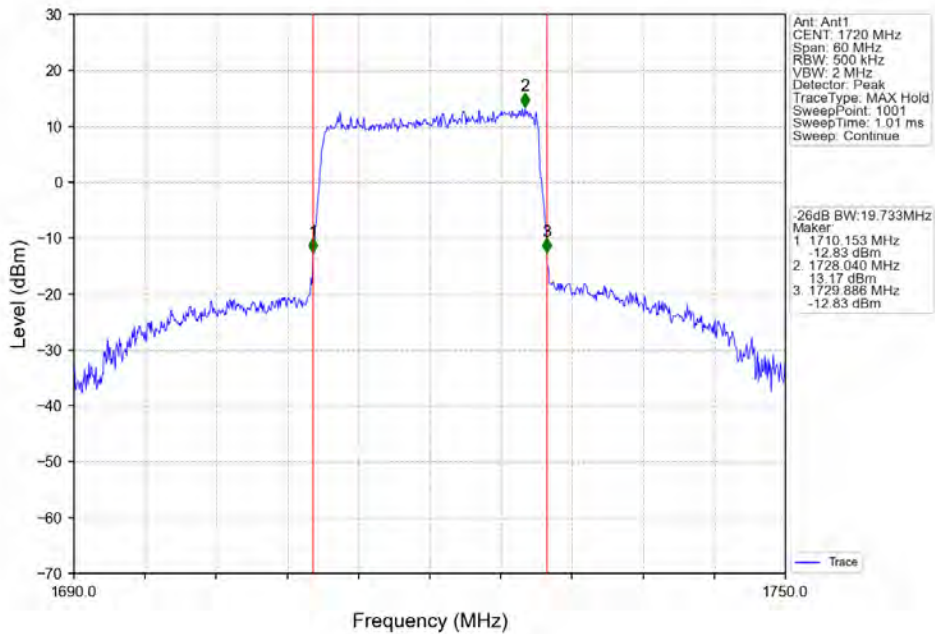


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Band66\_20MHz\_16QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



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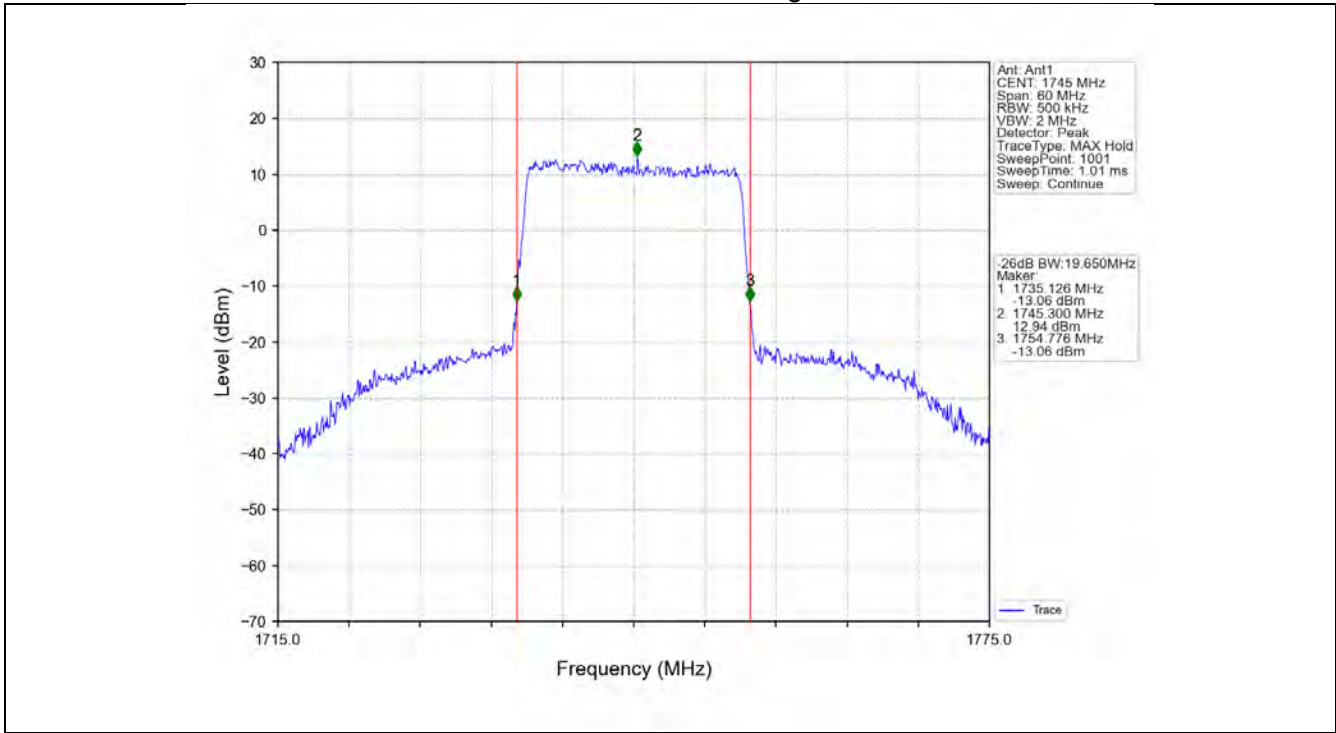
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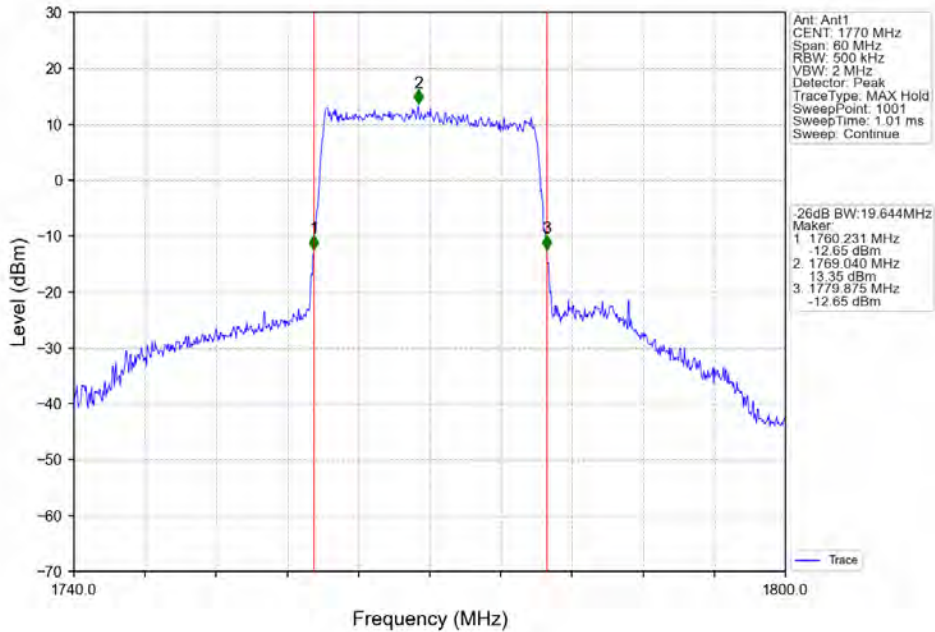


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Band66\_20MHz\_16QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV

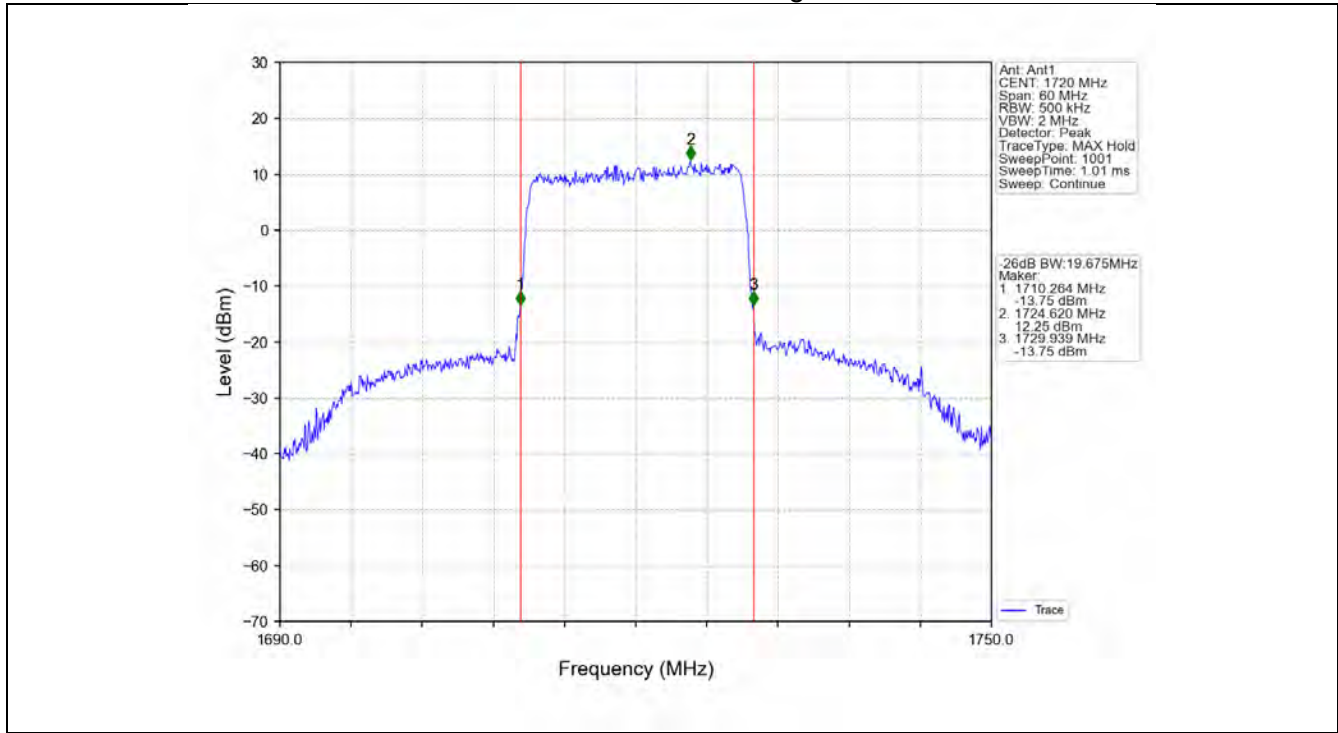


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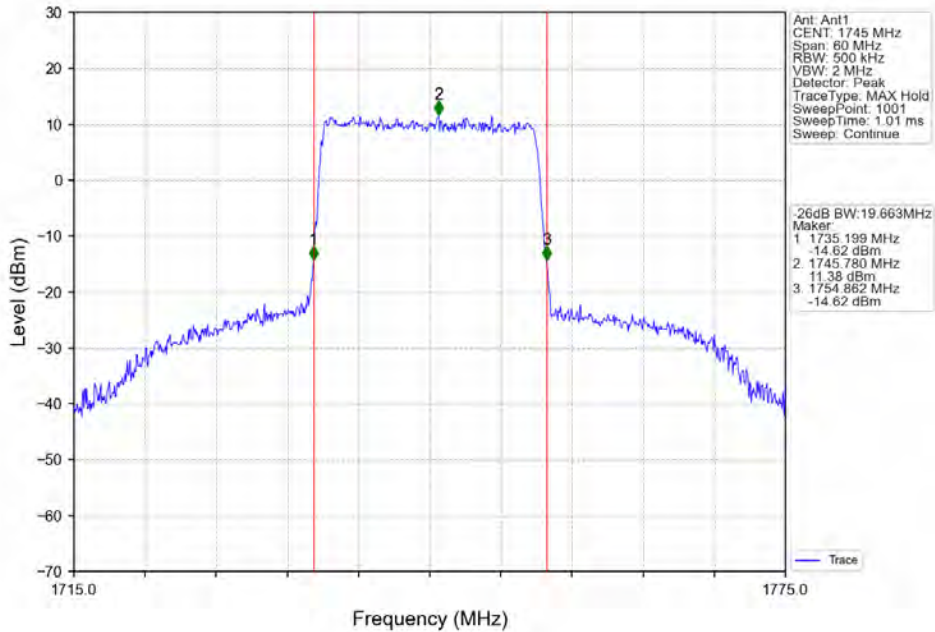


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Band66\_20MHz\_64QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



Band66\_20MHz\_64QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV

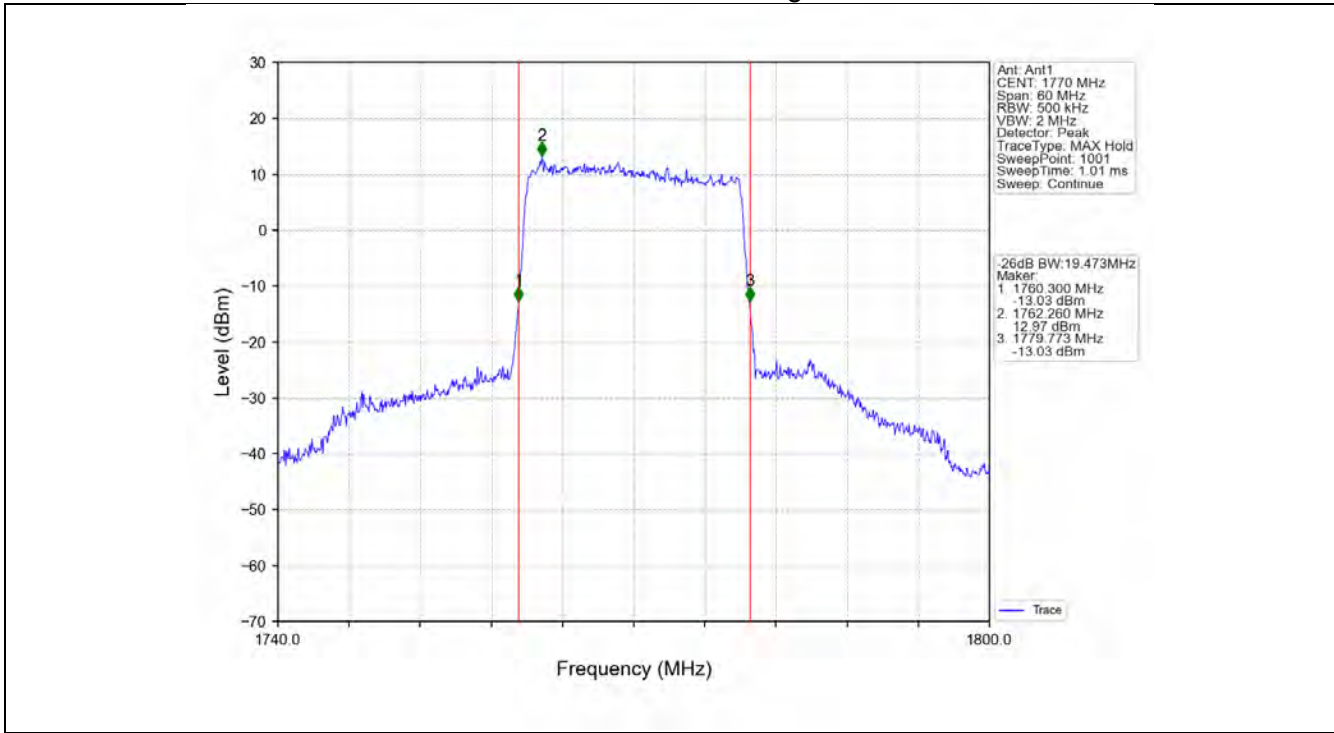


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## 4. Peak-Average Ratio

### 4.1 B66\_1.4MHz

#### 4.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	6.55	<=13	Pass
	1745	6	0	6.35	<=13	Pass
	1779.3	6	0	6.10	<=13	Pass
16QAM	1710.7	6	0	7.19	<=13	Pass
	1745	6	0	7.16	<=13	Pass
	1779.3	6	0	6.83	<=13	Pass
64QAM	1710.7	6	0	7.41	<=13	Pass
	1745	6	0	6.90	<=13	Pass
	1779.3	6	0	7.30	<=13	Pass

### 4.2 B66\_3MHz

#### 4.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.59	<=13	Pass
	1745	15	0	6.34	<=13	Pass
	1778.5	15	0	6.17	<=13	Pass
16QAM	1711.5	15	0	7.34	<=13	Pass
	1745	15	0	7.13	<=13	Pass
	1778.5	15	0	6.95	<=13	Pass
64QAM	1711.5	15	0	7.39	<=13	Pass
	1745	15	0	7.19	<=13	Pass
	1778.5	15	0	7.20	<=13	Pass



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4.3 B66\_5MHz

4.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	6.42	<=13	Pass
	1745	25	0	6.31	<=13	Pass
	1777.5	25	0	6.13	<=13	Pass
16QAM	1712.5	25	0	7.06	<=13	Pass
	1745	25	0	6.98	<=13	Pass
	1777.5	25	0	6.86	<=13	Pass
64QAM	1712.5	25	0	7.20	<=13	Pass
	1745	25	0	7.09	<=13	Pass
	1777.5	25	0	7.02	<=13	Pass

4.4 B66\_10MHz

4.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	6.30	<=13	Pass
	1745	50	0	6.16	<=13	Pass
	1775	50	0	6.11	<=13	Pass
16QAM	1715	50	0	7.02	<=13	Pass
	1745	50	0	6.94	<=13	Pass
	1775	50	0	6.86	<=13	Pass
64QAM	1715	50	0	7.15	<=13	Pass
	1745	50	0	7.08	<=13	Pass
	1775	50	0	7.02	<=13	Pass



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4.5 B66\_15MHz

4.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.82	<=13	Pass
	1745	75	0	6.69	<=13	Pass
	1772.5	75	0	6.50	<=13	Pass
16QAM	1717.5	75	0	7.24	<=13	Pass
	1745	75	0	7.09	<=13	Pass
	1772.5	75	0	6.92	<=13	Pass
64QAM	1717.5	75	0	7.25	<=13	Pass
	1745	75	0	7.13	<=13	Pass
	1772.5	75	0	7.05	<=13	Pass

4.6 B66\_20MHz

4.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.25	<=13	Pass
	1745	100	0	6.19	<=13	Pass
	1770	100	0	5.95	<=13	Pass
16QAM	1720	100	0	7.01	<=13	Pass
	1745	100	0	6.96	<=13	Pass
	1770	100	0	6.69	<=13	Pass
64QAM	1720	100	0	7.20	<=13	Pass
	1745	100	0	7.09	<=13	Pass
	1770	100	0	6.89	<=13	Pass



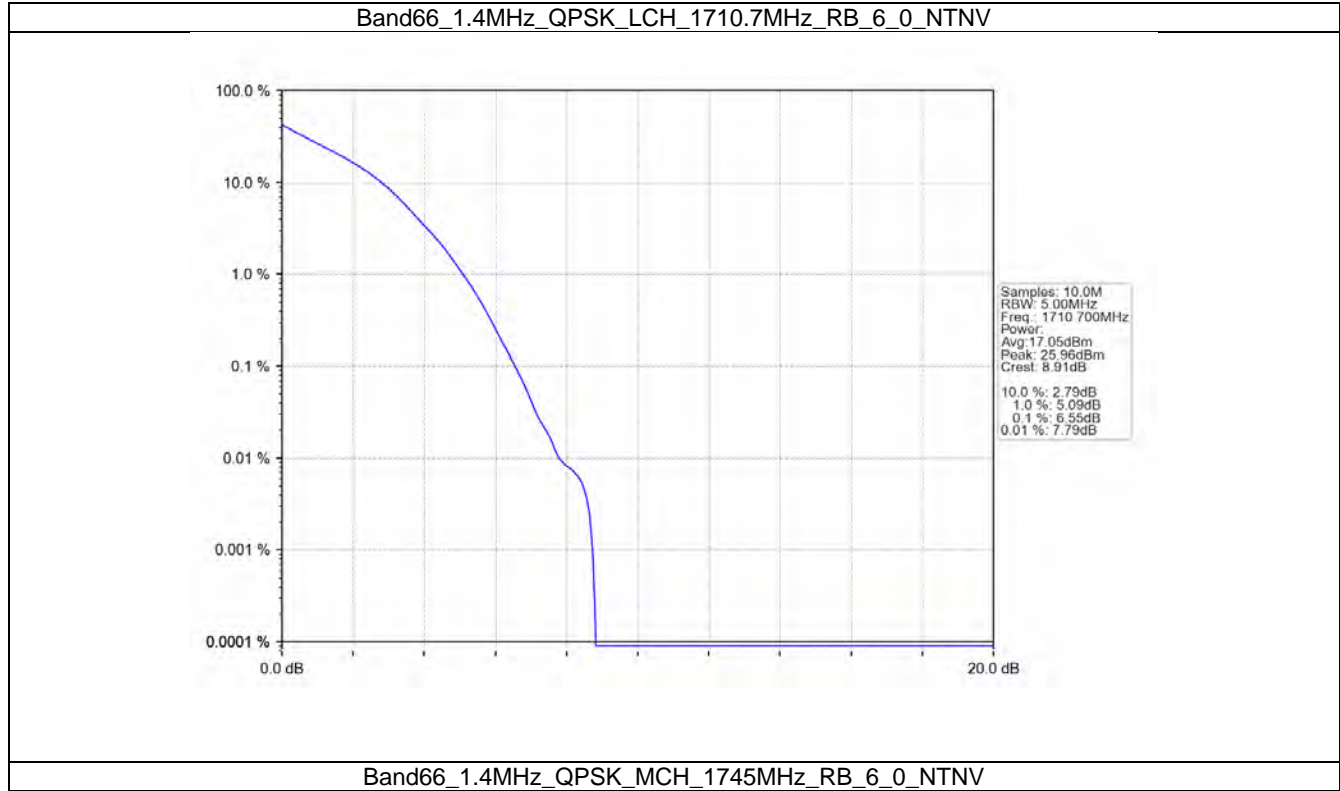
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4.1 B66\_1.4MHz

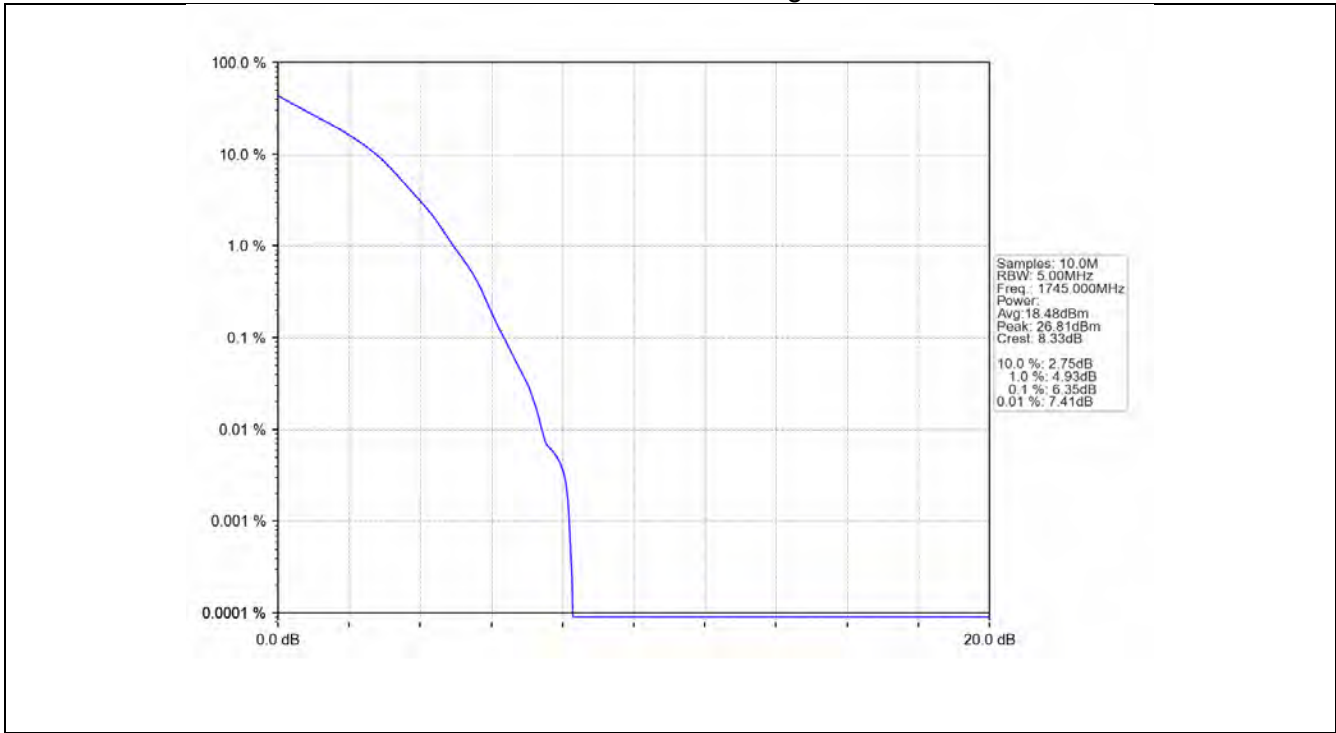
4.1.2 Test Graph



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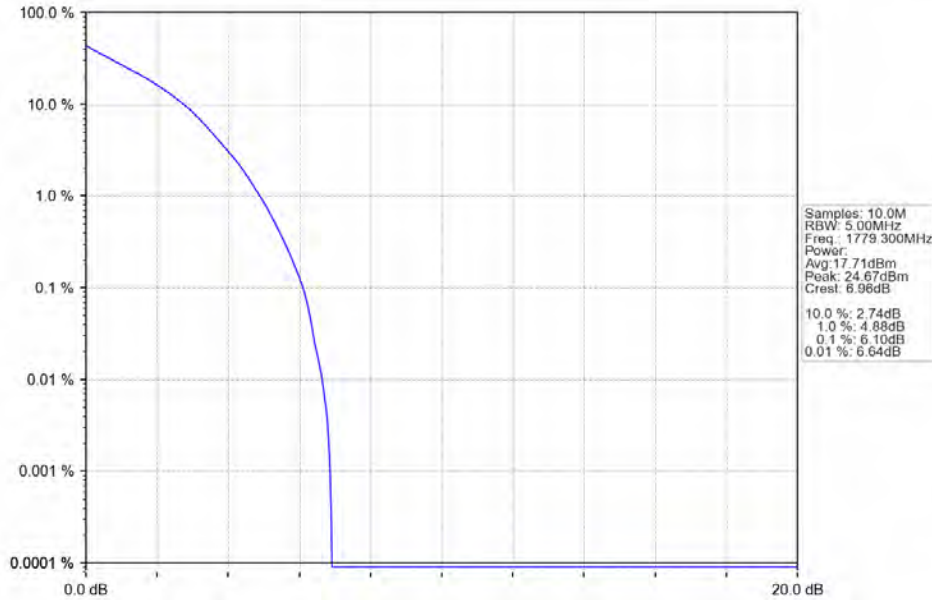
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Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV



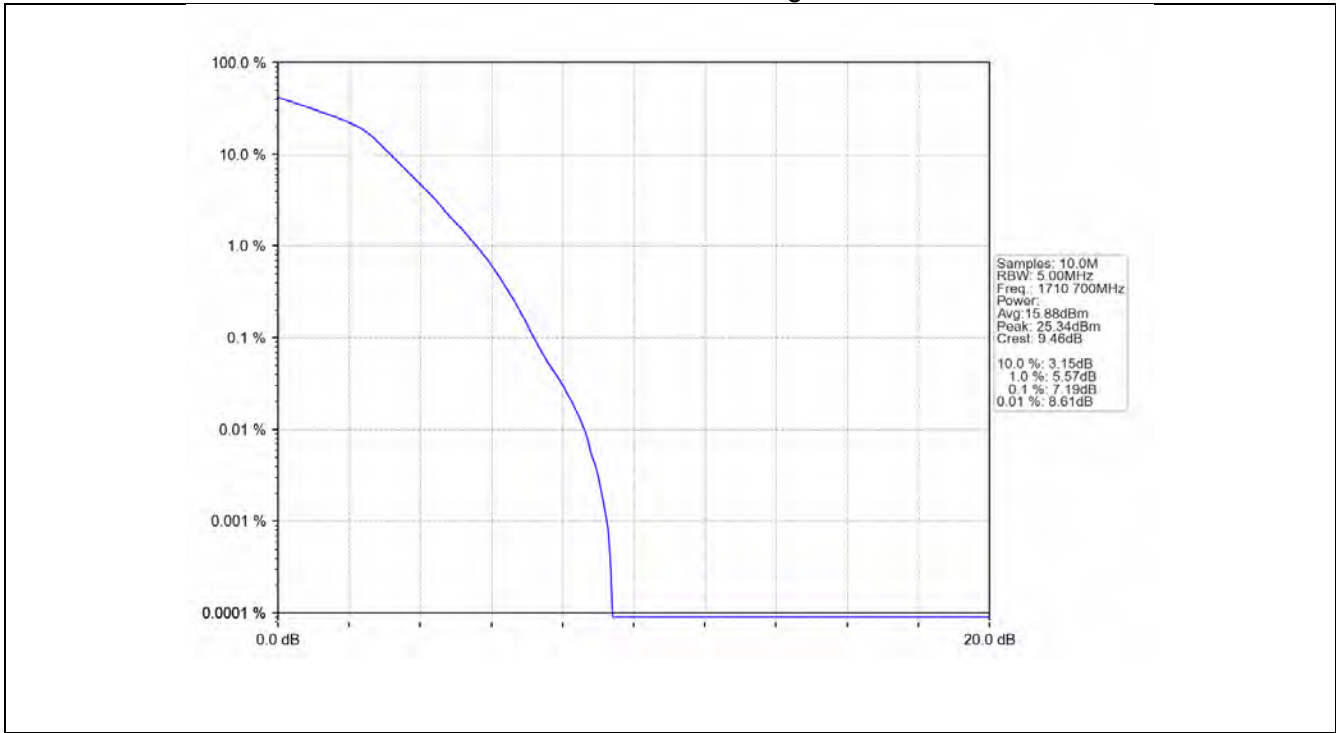
Band66\_1.4MHz\_16QAM\_LCH\_1710.7MHz\_RB\_6\_0\_NTNV



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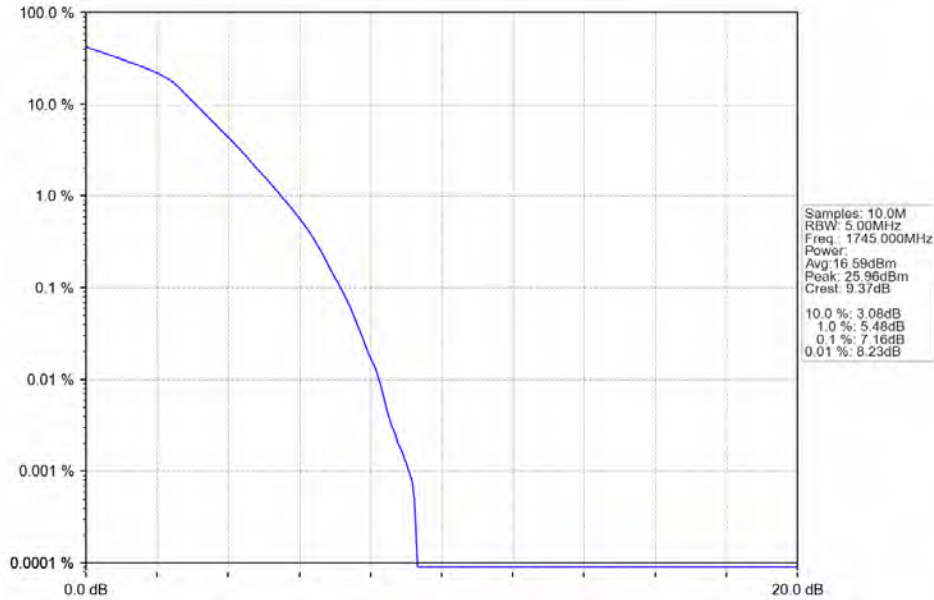


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Band66\_1.4MHz\_16QAM\_MCH\_1745MHz\_RB\_6\_0\_NTNV



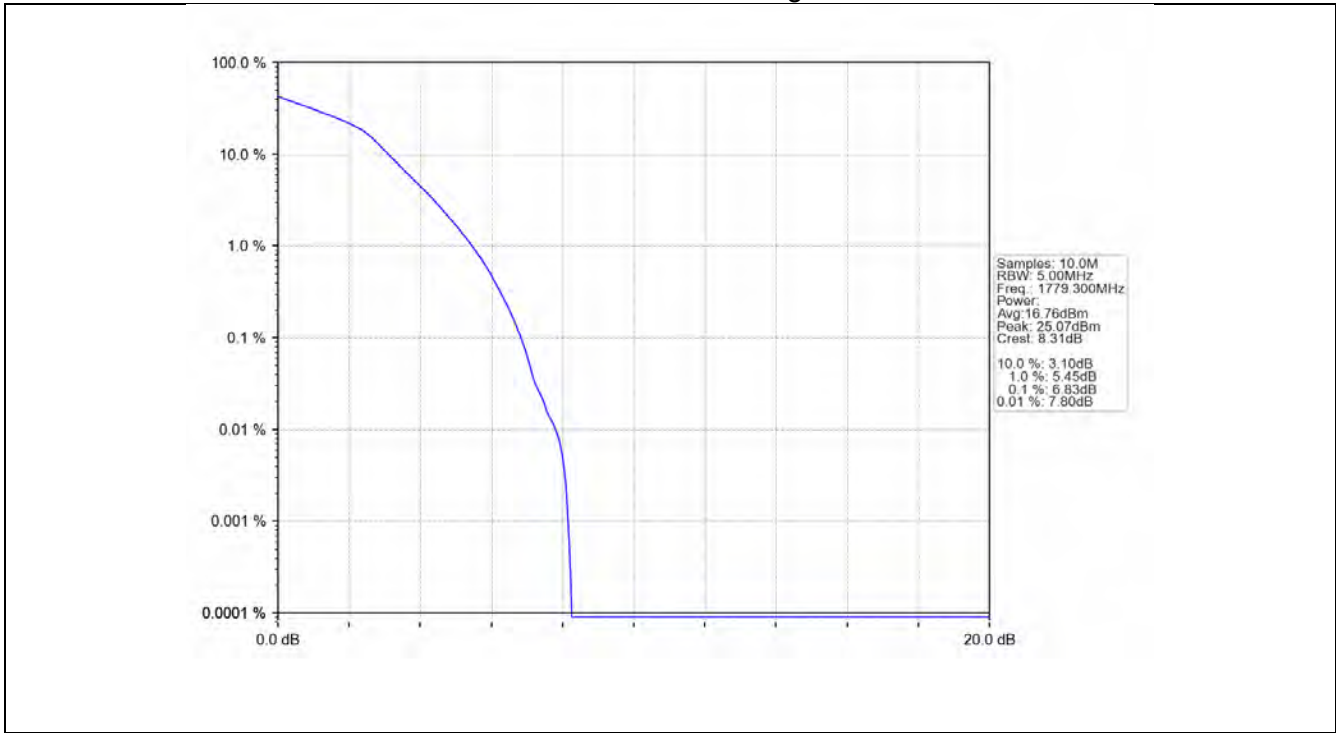
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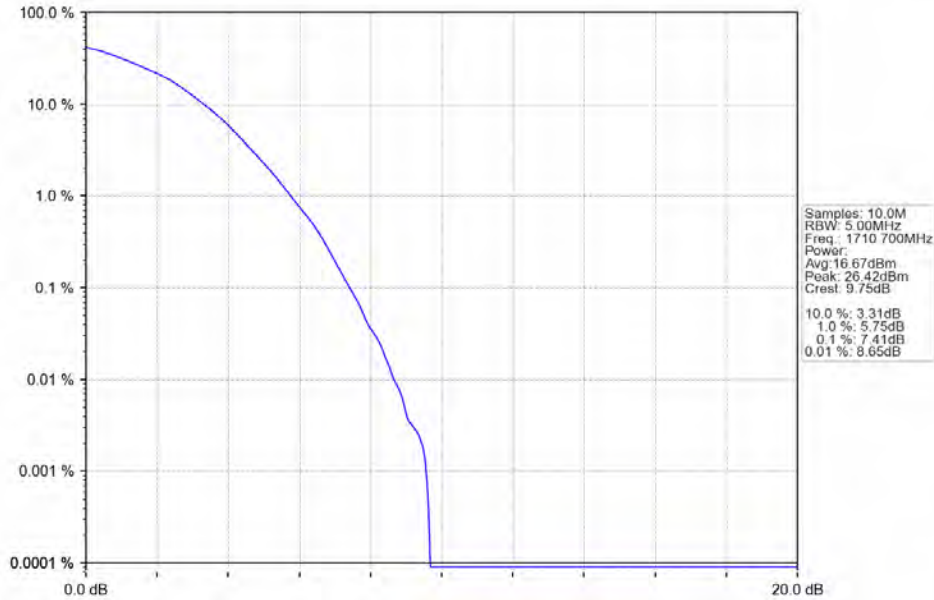
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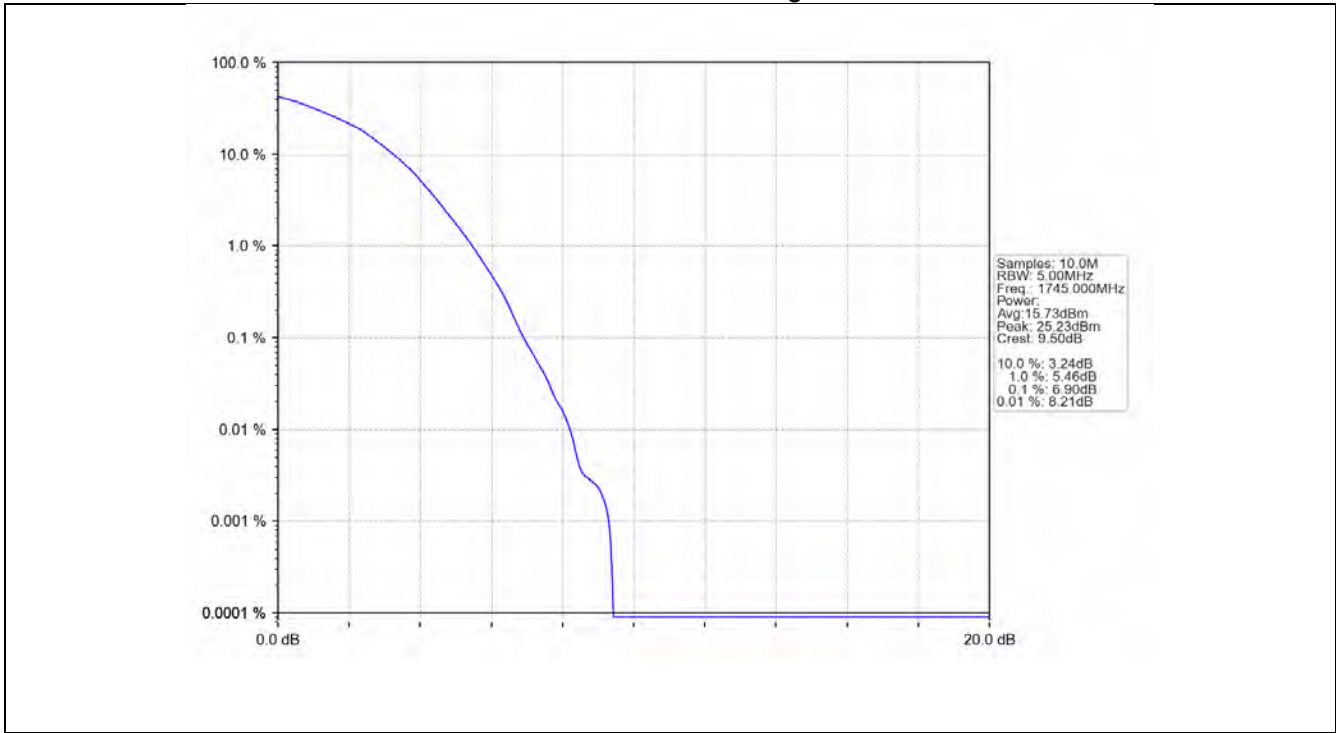
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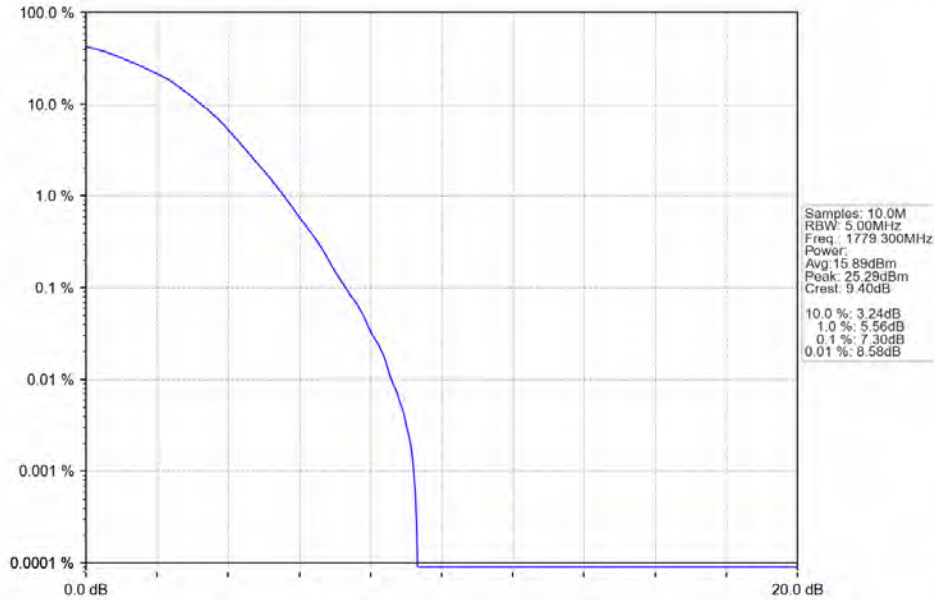
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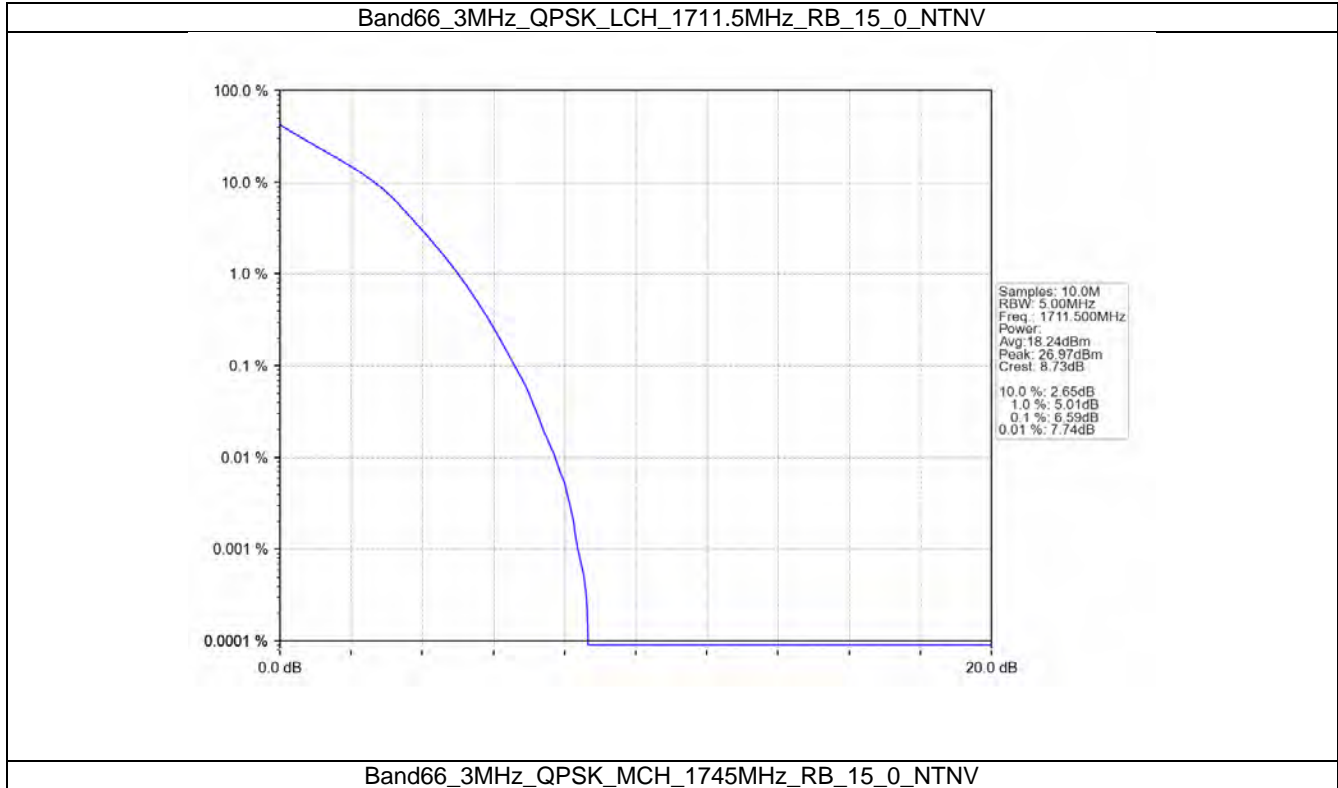
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4.2 B66\_3MHz

4.2.2 Test Graph

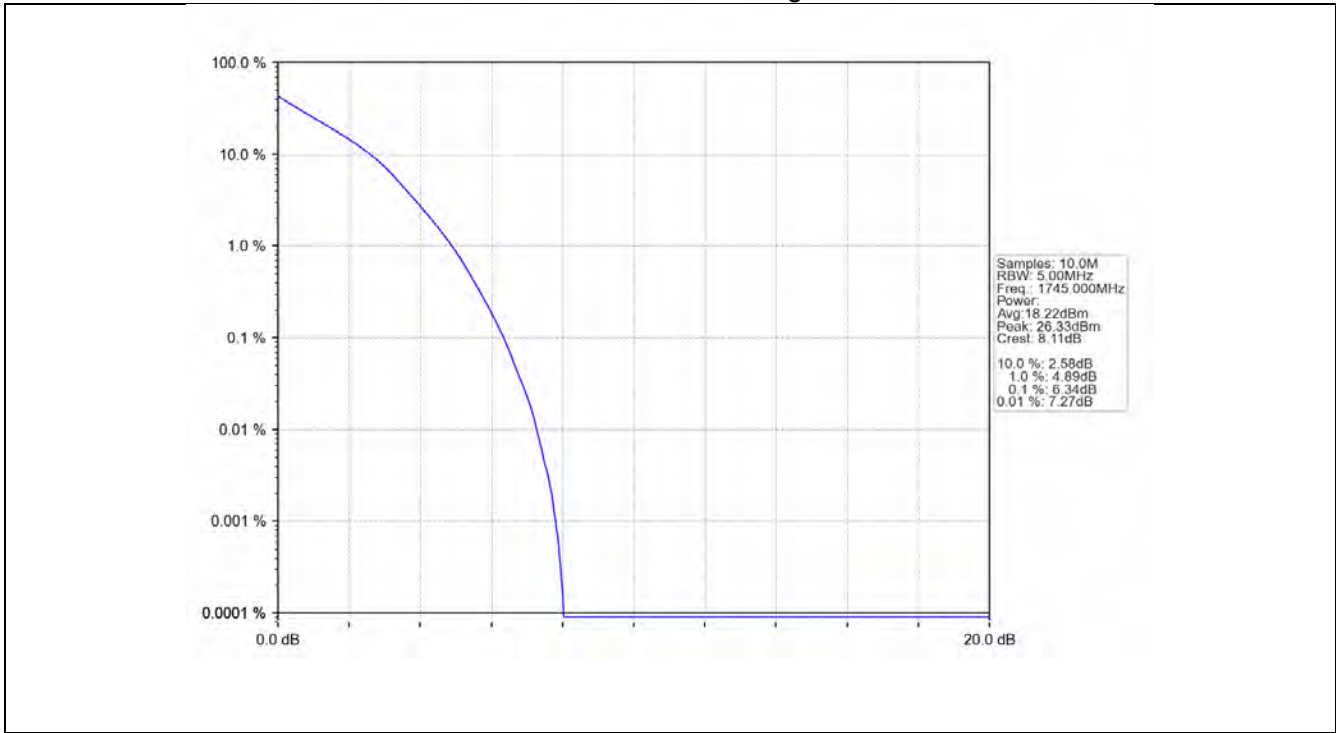


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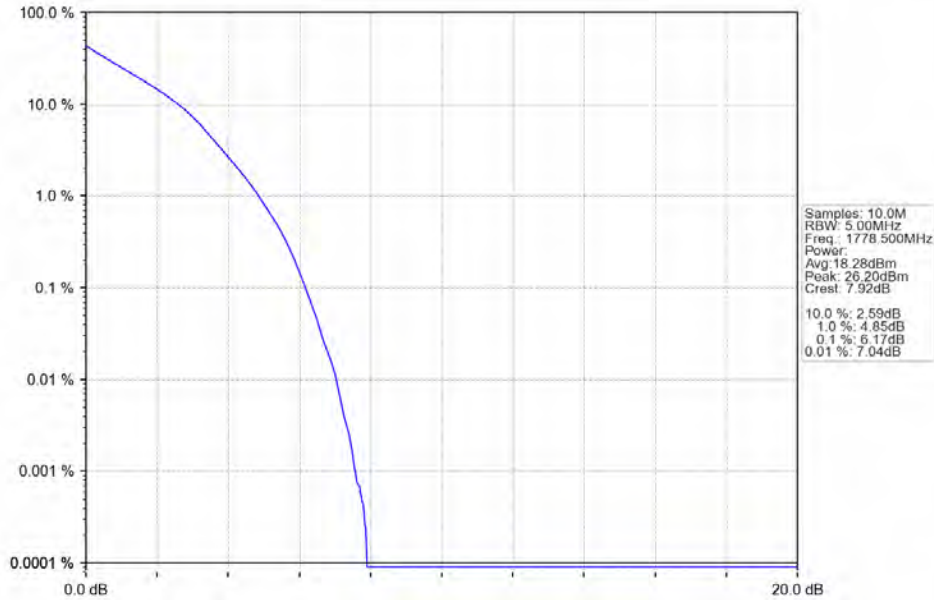




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Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_15\_0\_NTNV



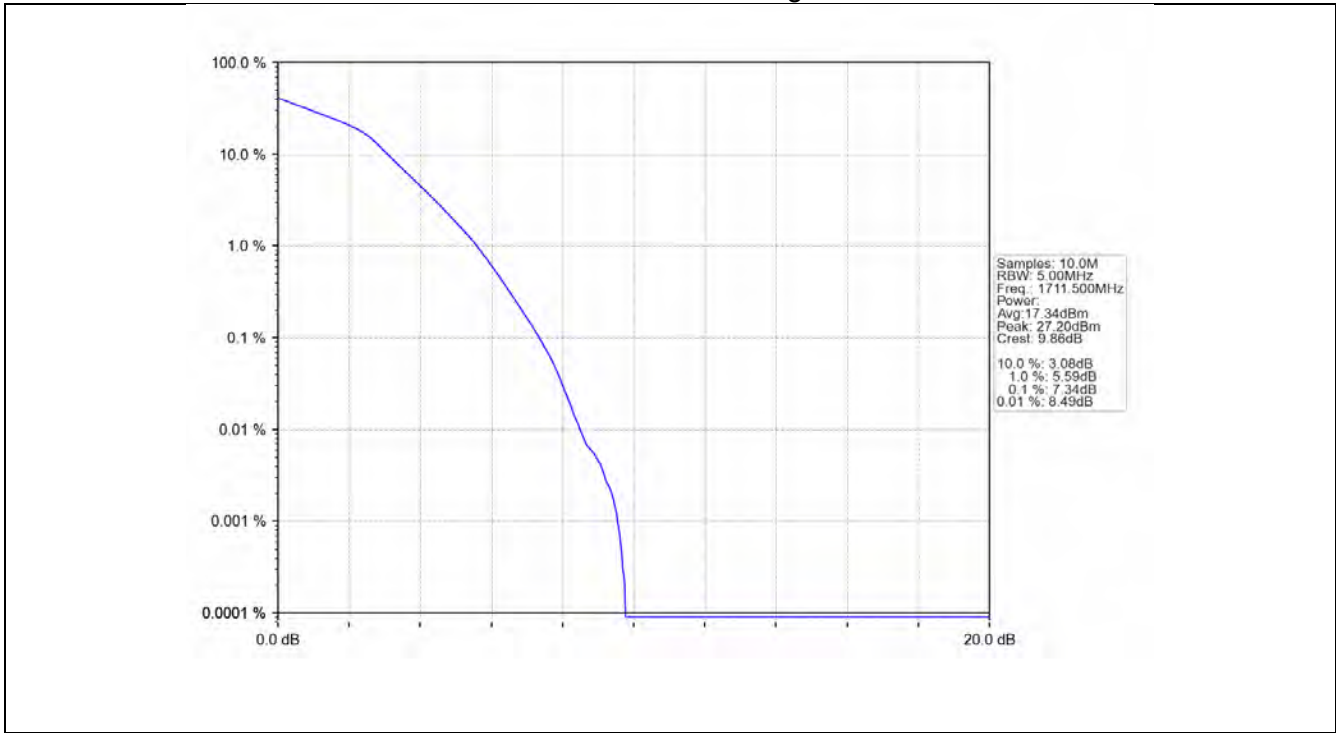
Band66\_3MHz\_16QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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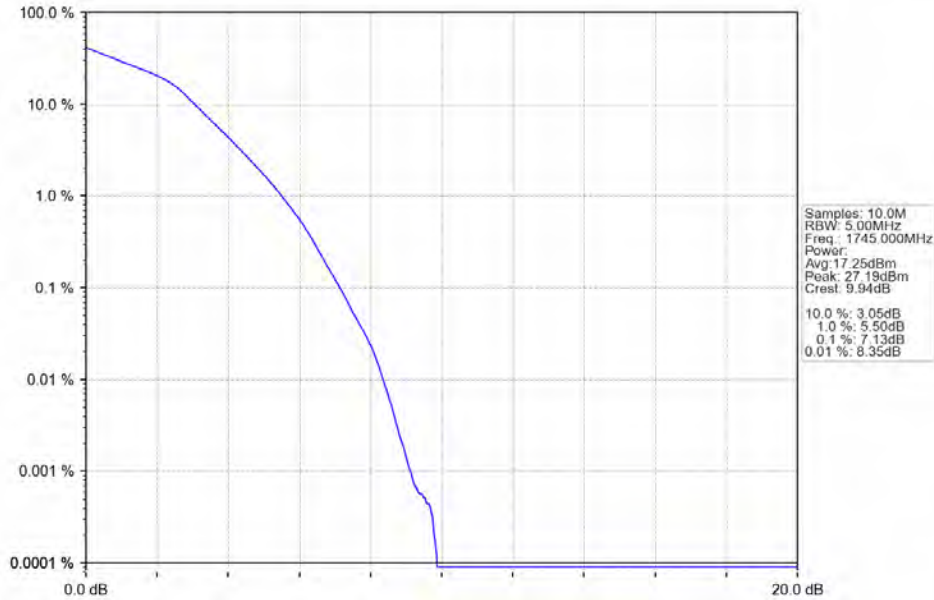
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Band66\_3MHz\_16QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



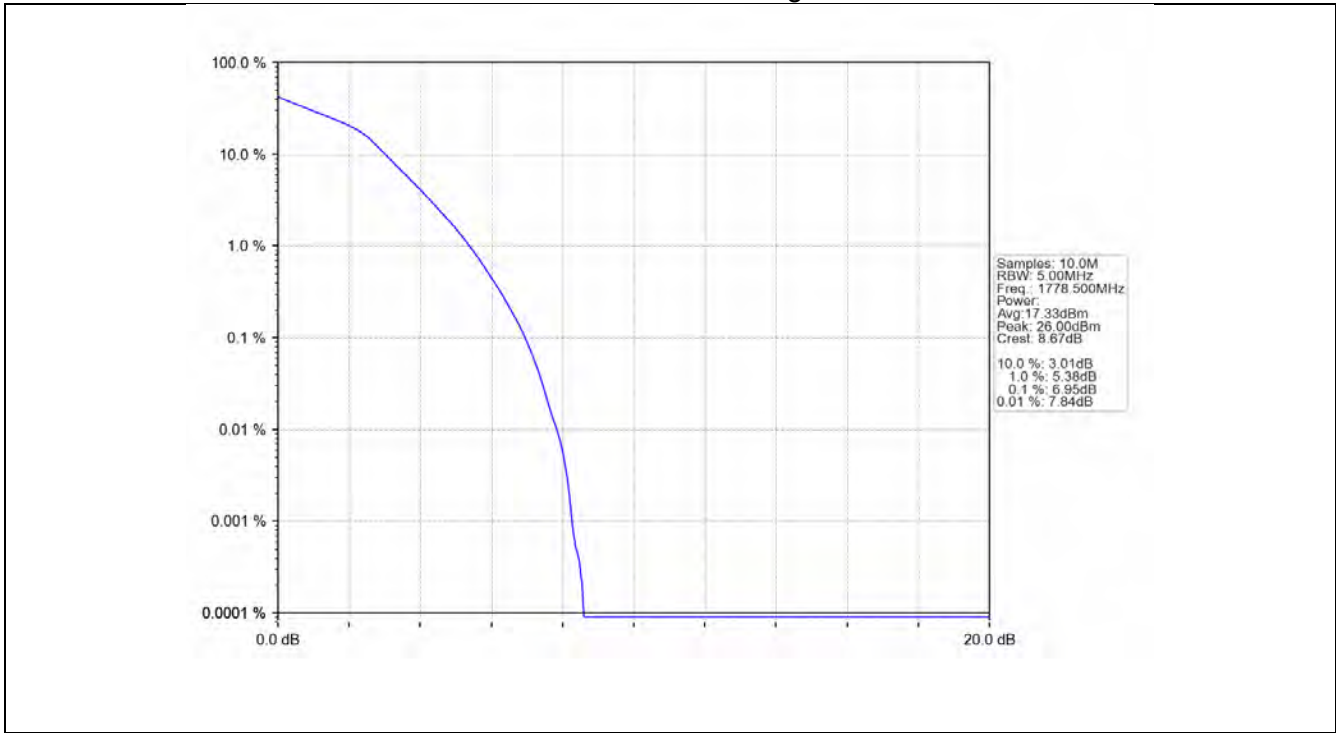
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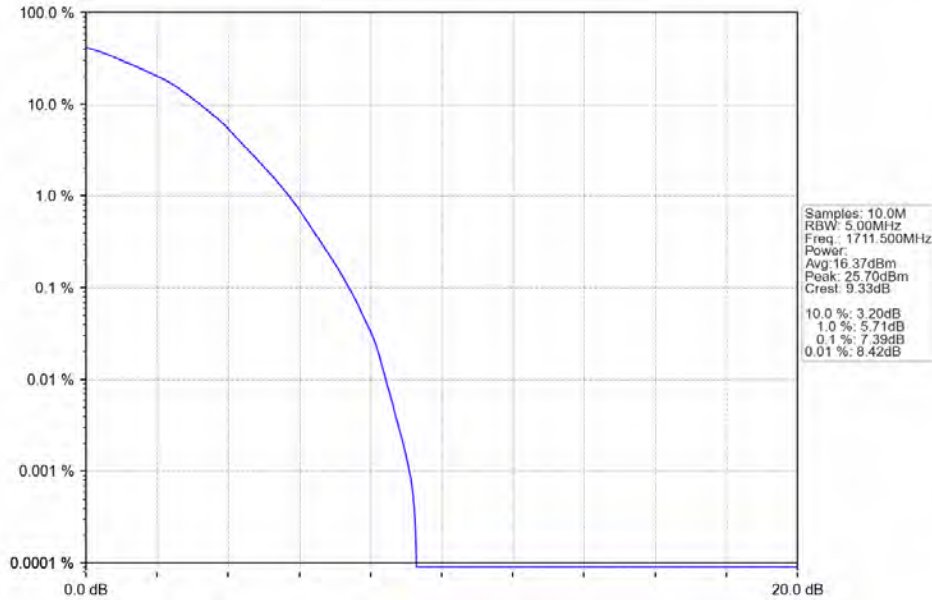


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Band66\_3MHz\_64QAM\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



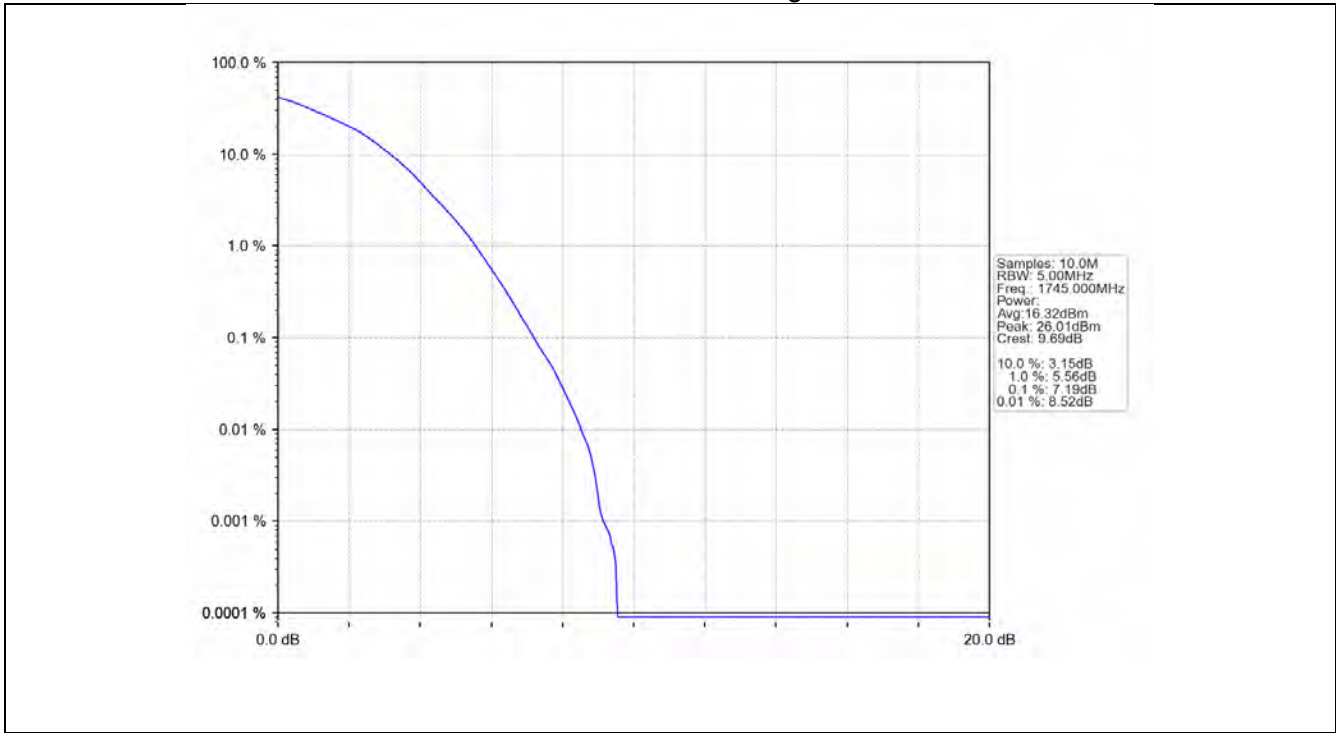
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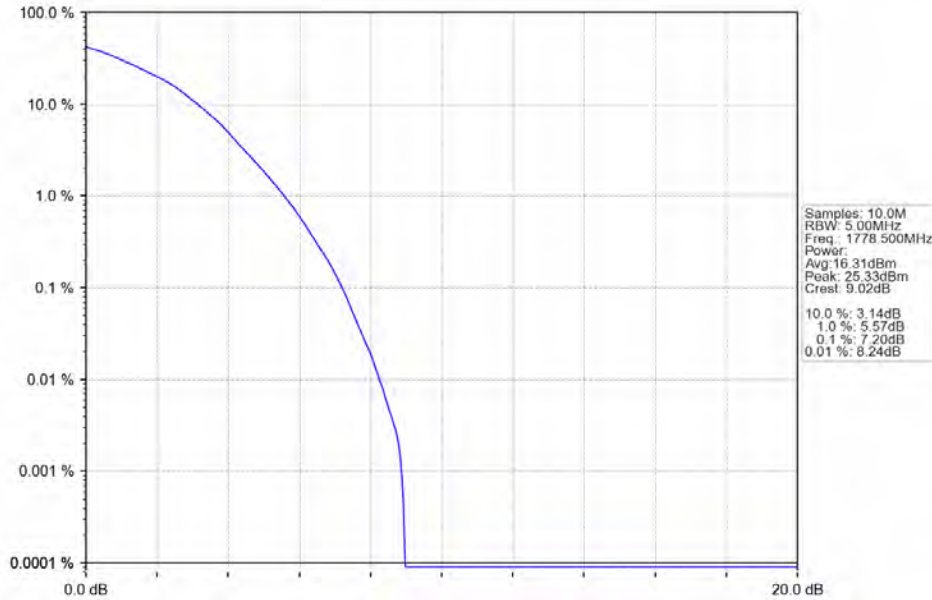


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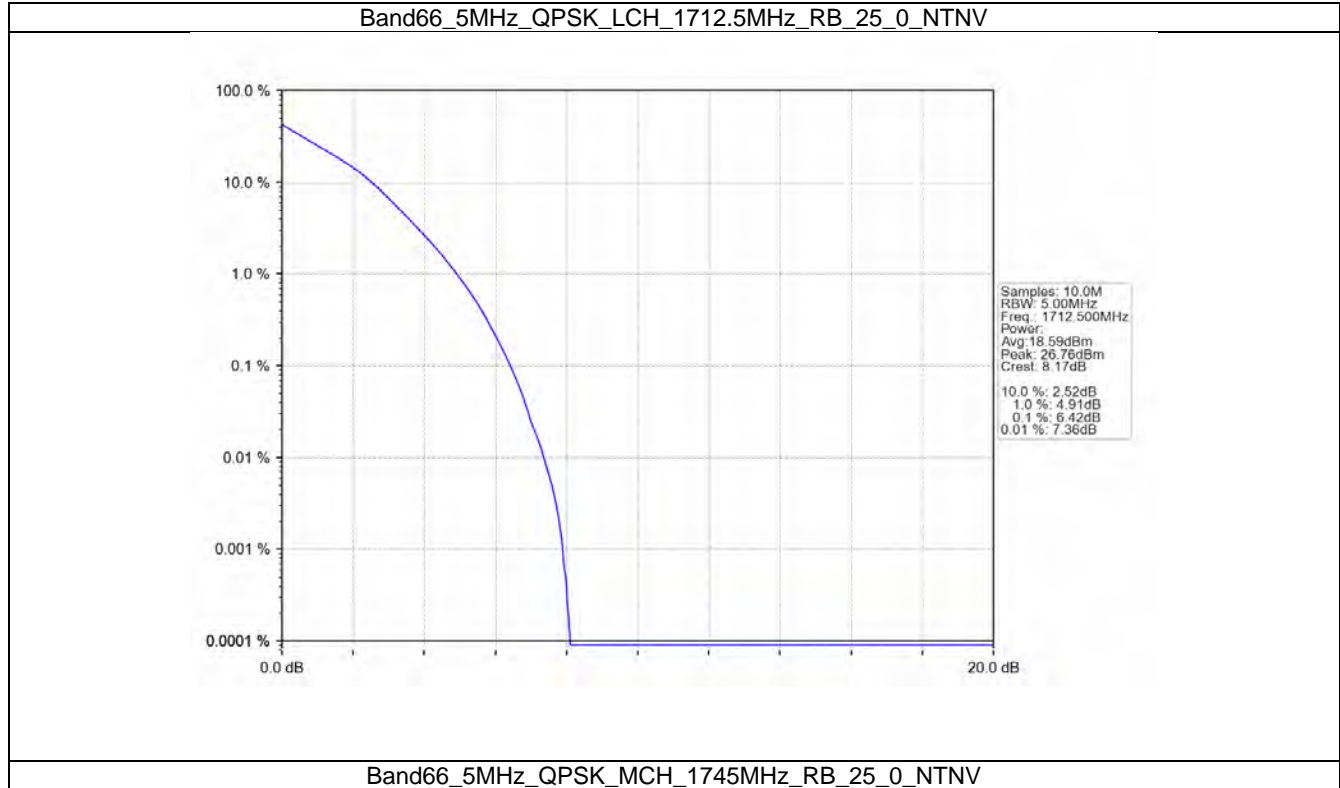
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4.3 B66\_5MHz

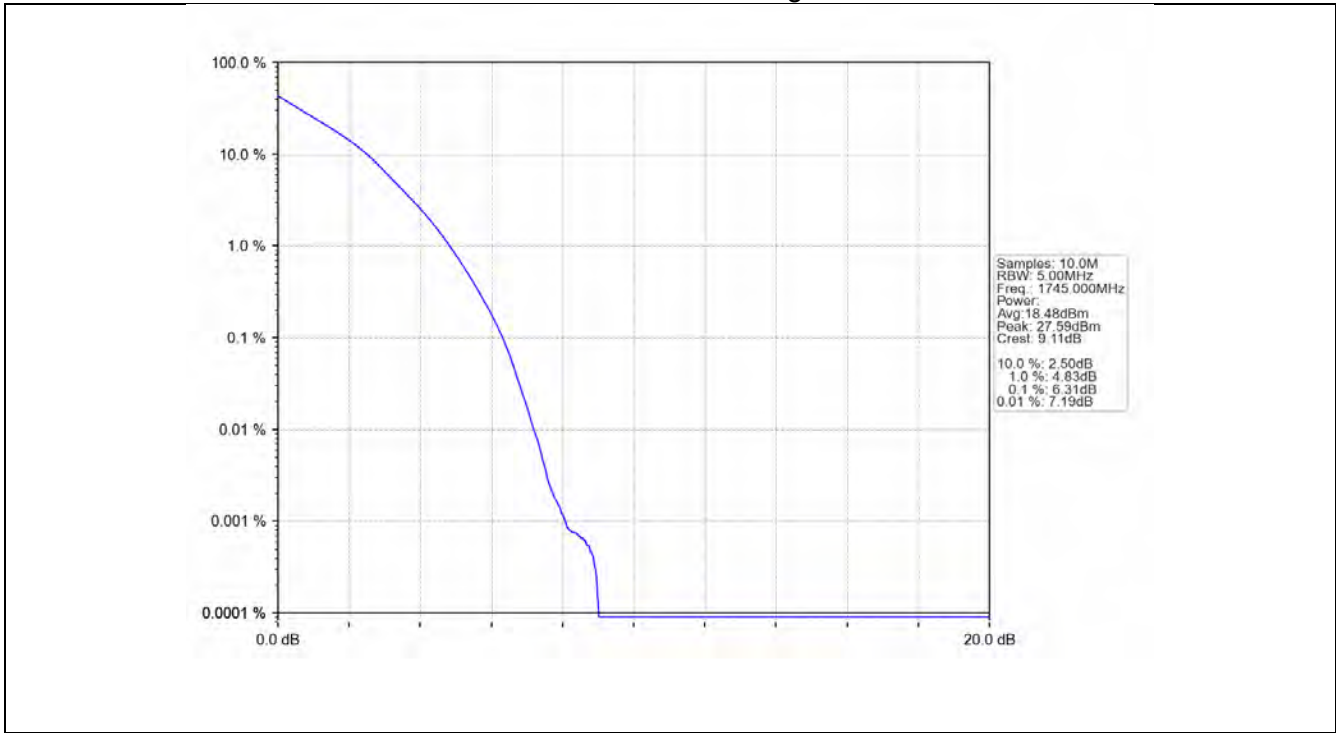
4.3.2 Test Graph



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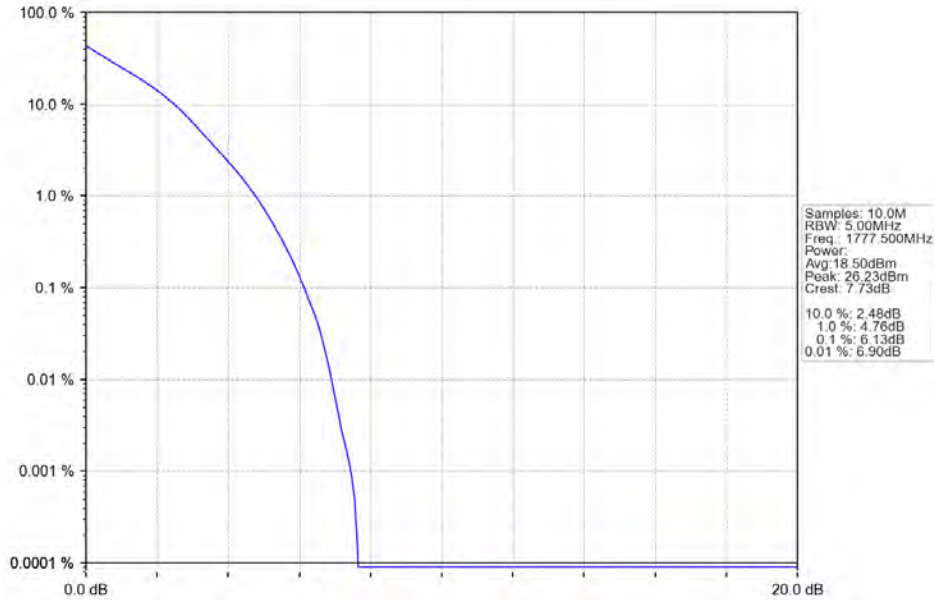


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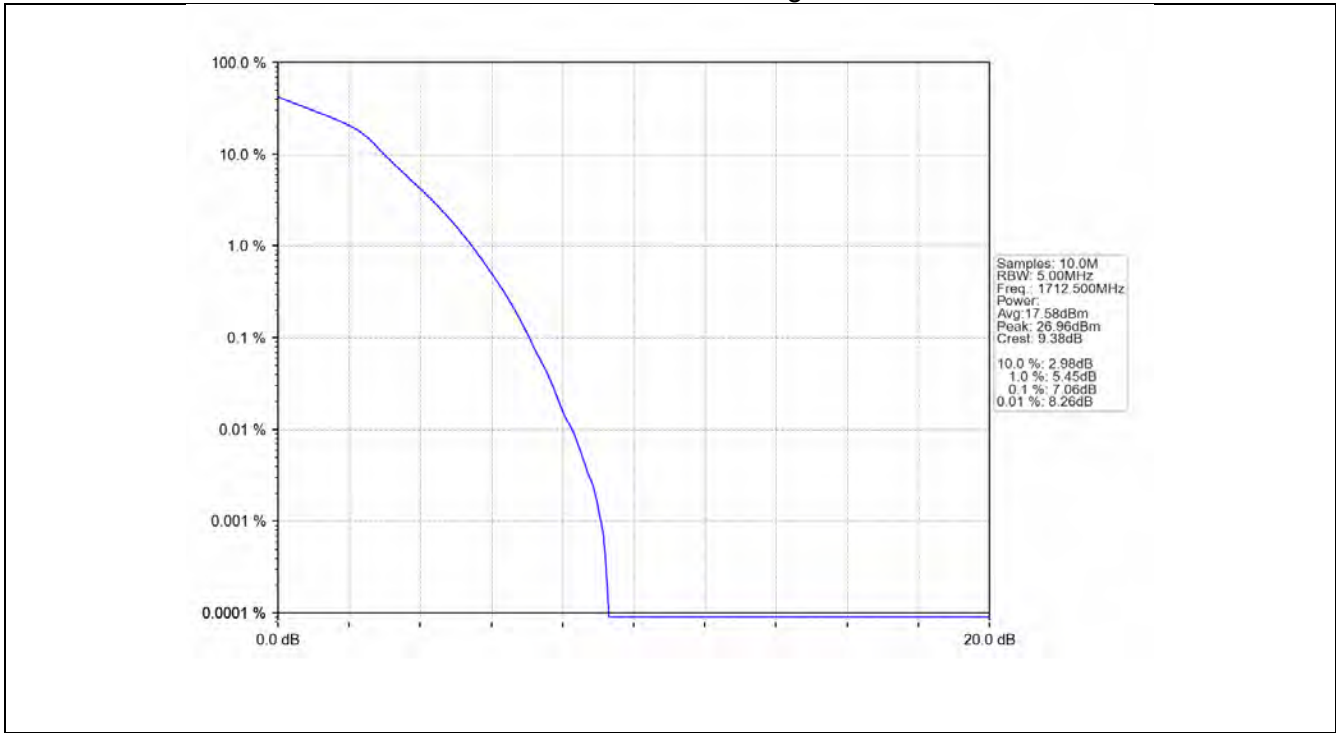
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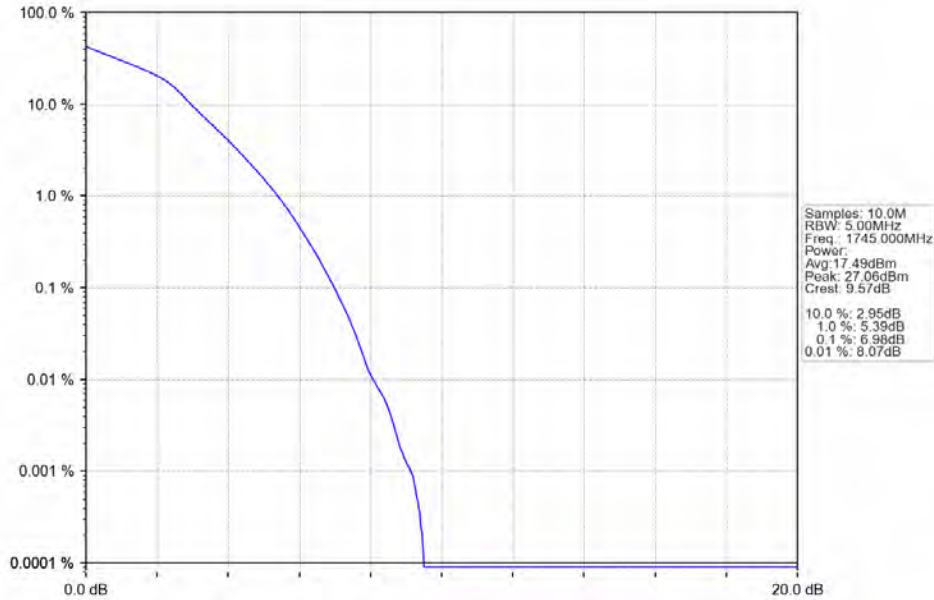
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Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTNV



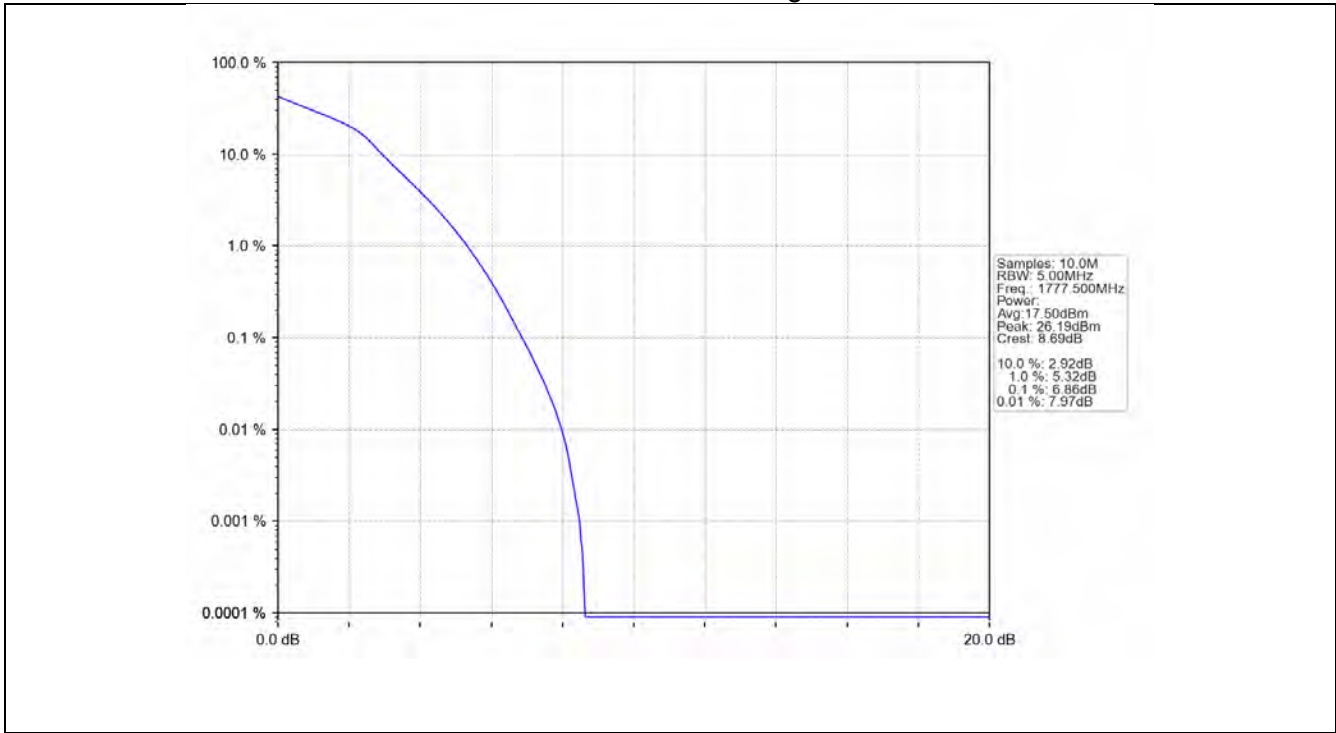
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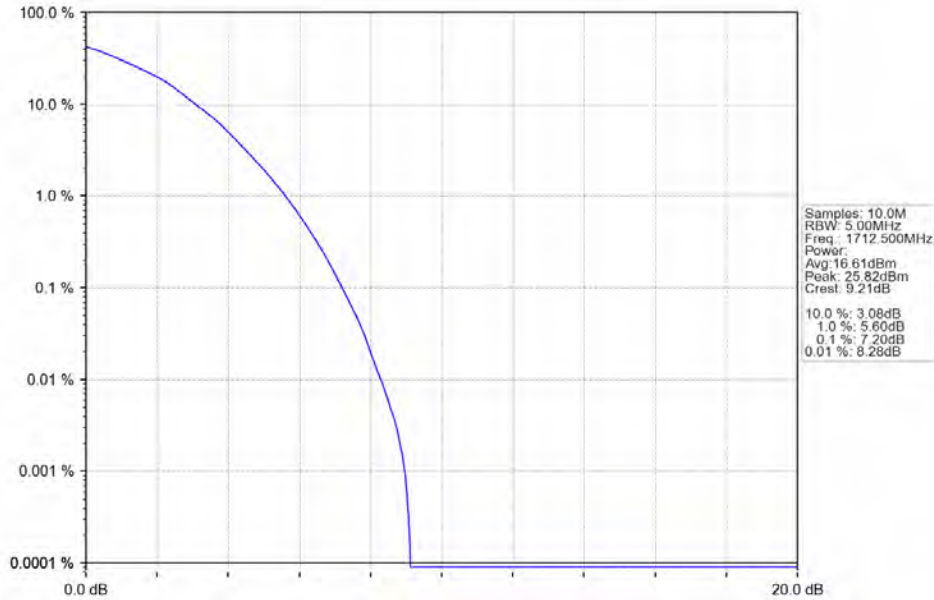


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Band66\_5MHz\_64QAM\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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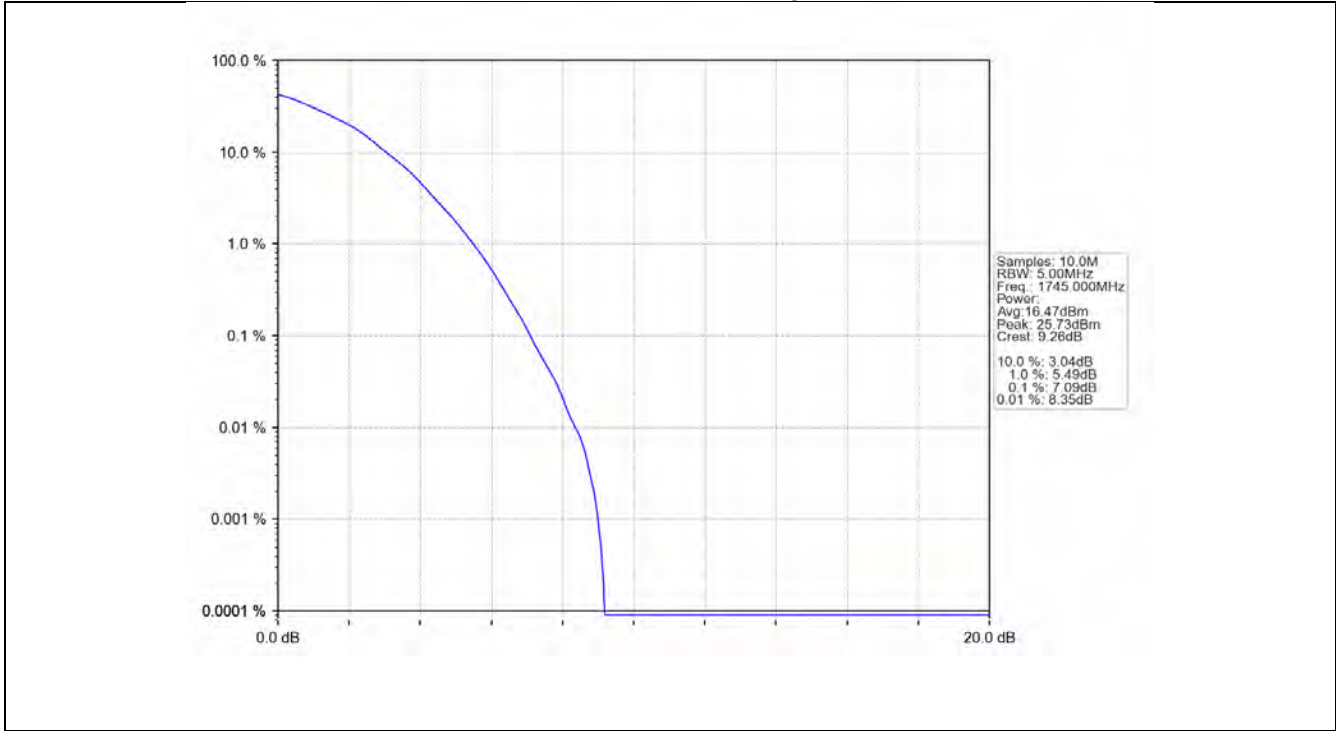


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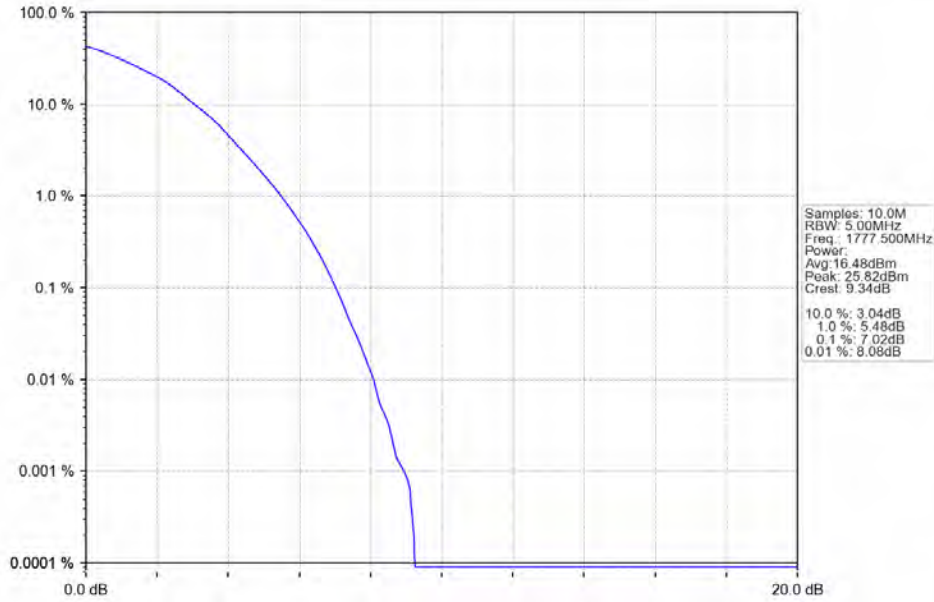
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Band66\_5MHz\_64QAM\_HCH\_1777.5MHz\_RB\_25\_0\_NTNV



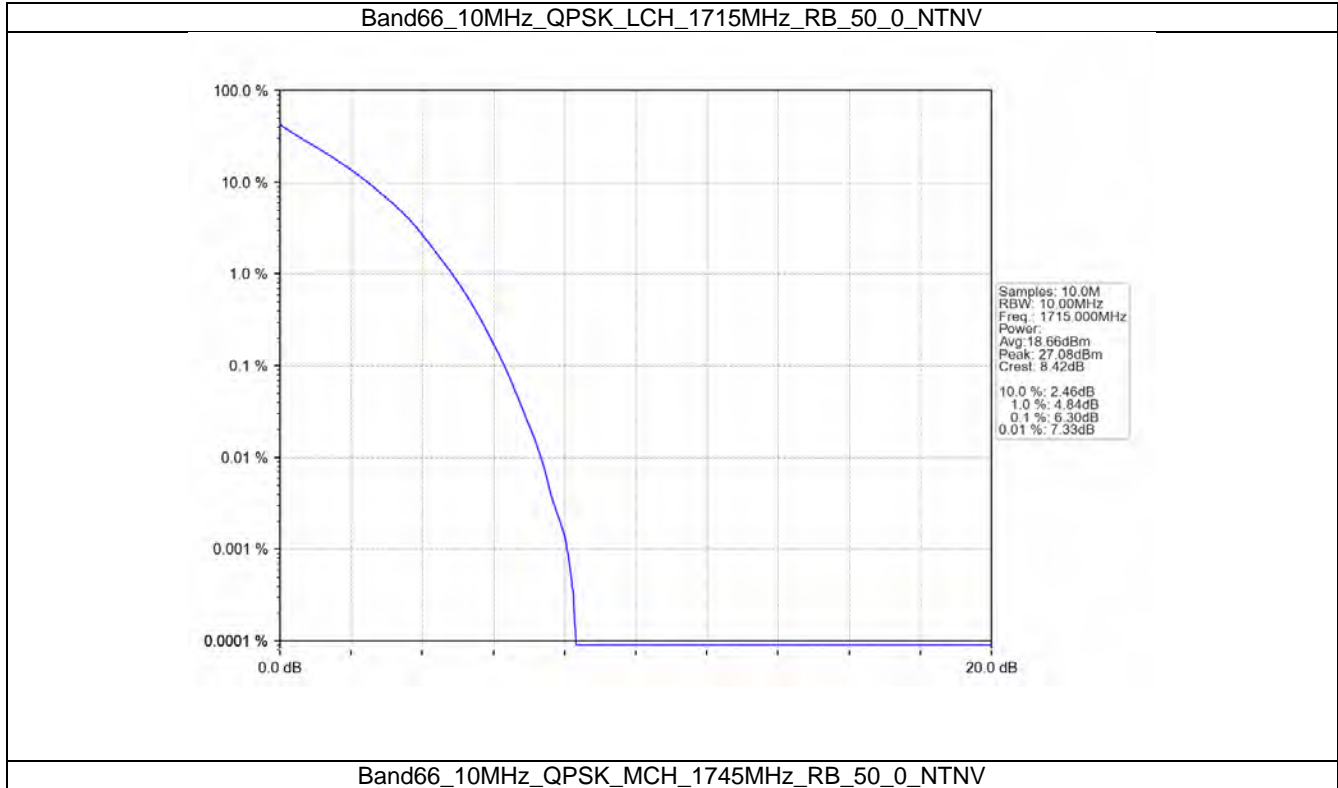
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4.4 B66\_10MHz

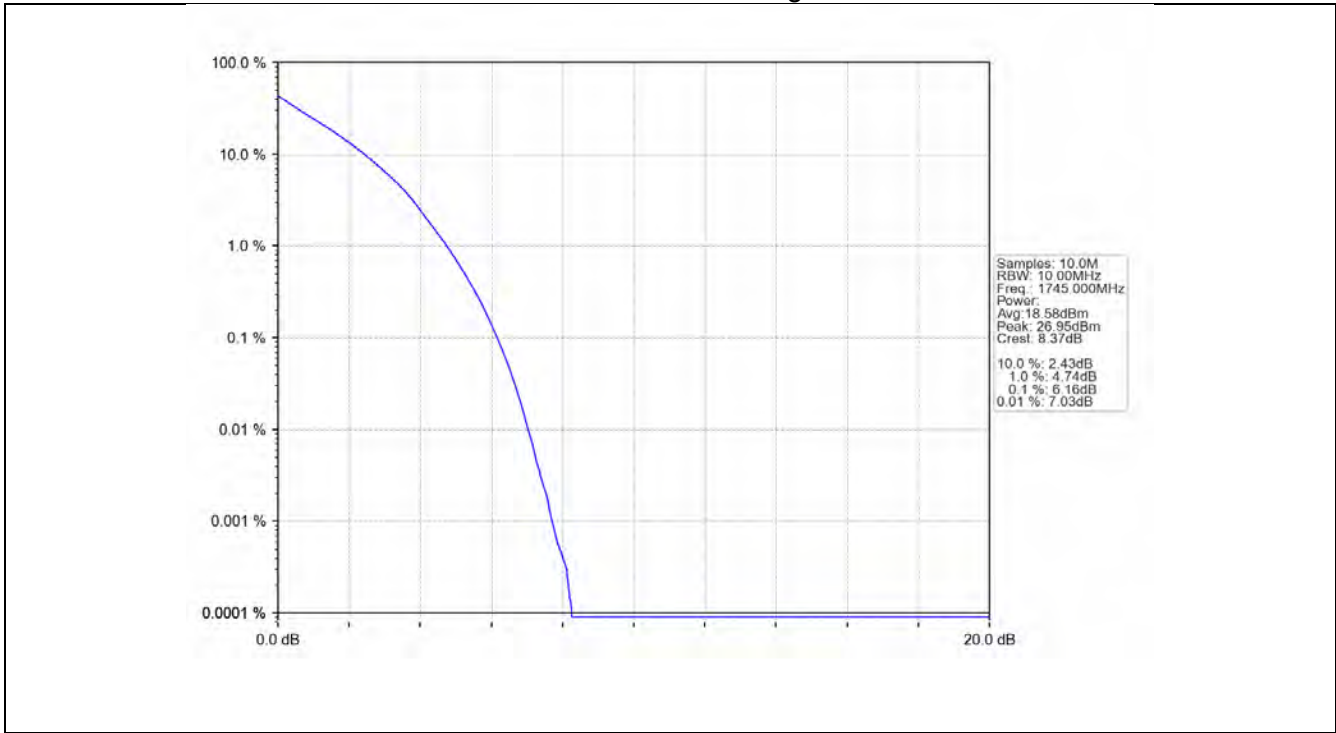
4.4.2 Test Graph



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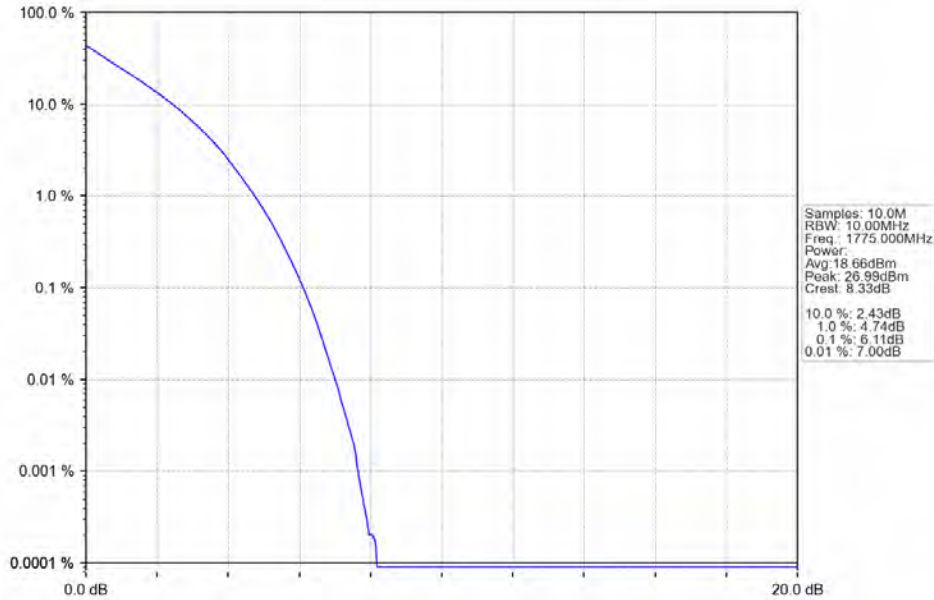


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Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



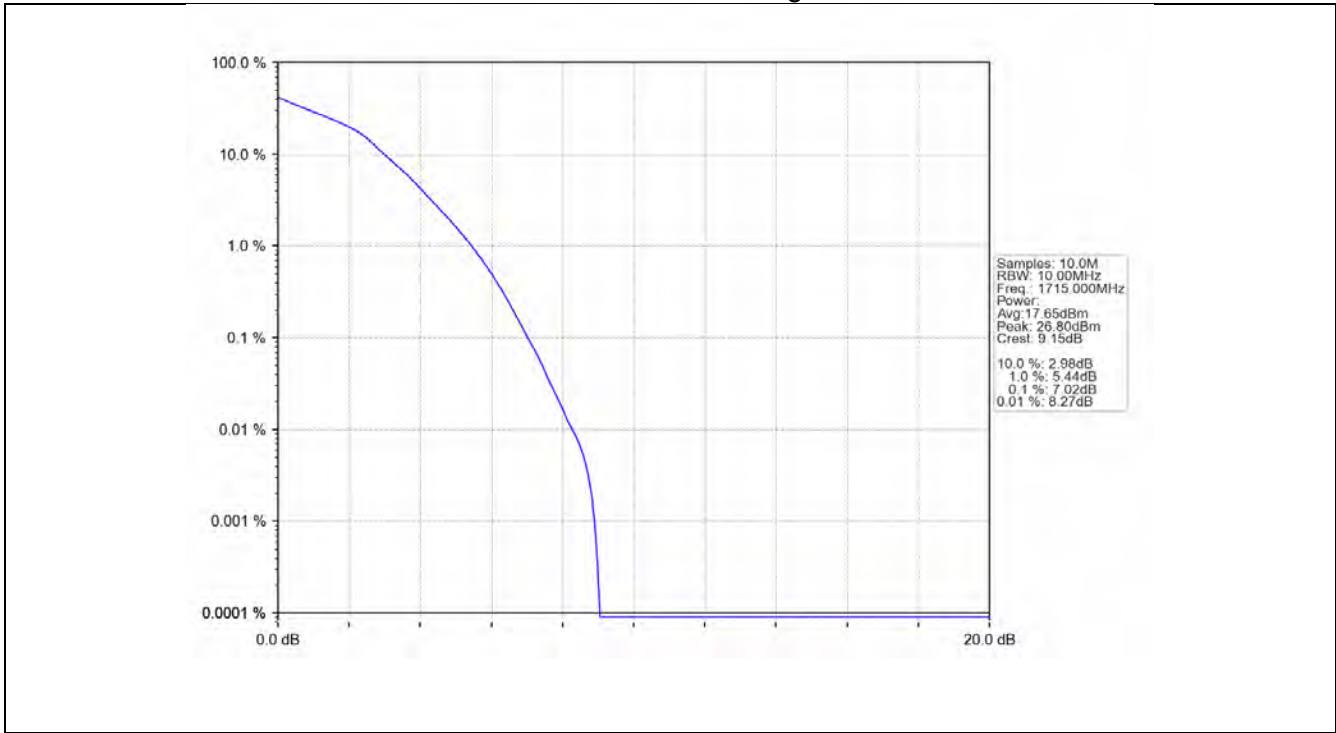
Band66\_10MHz\_16QAM\_LCH\_1715MHz\_RB\_50\_0\_NTNV



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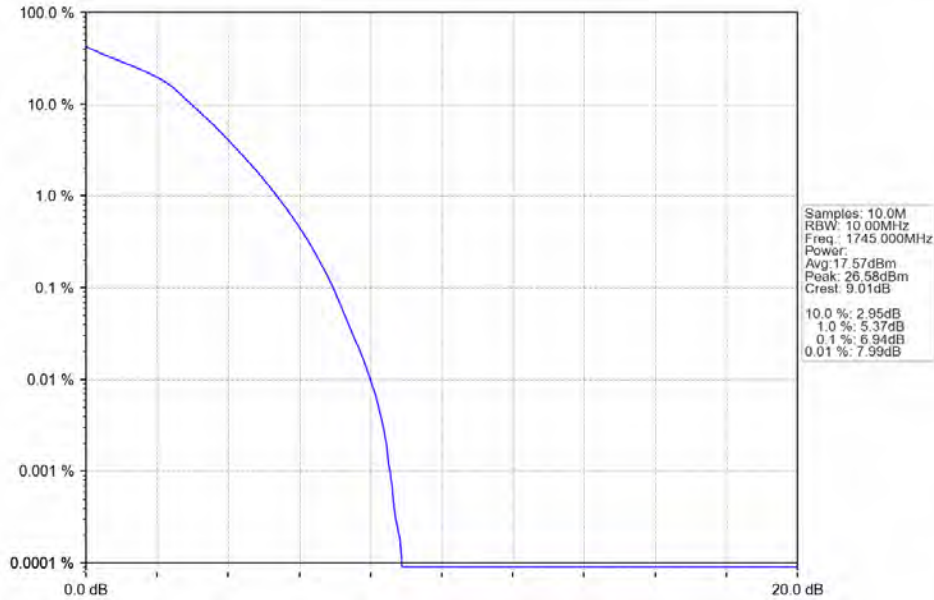


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Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



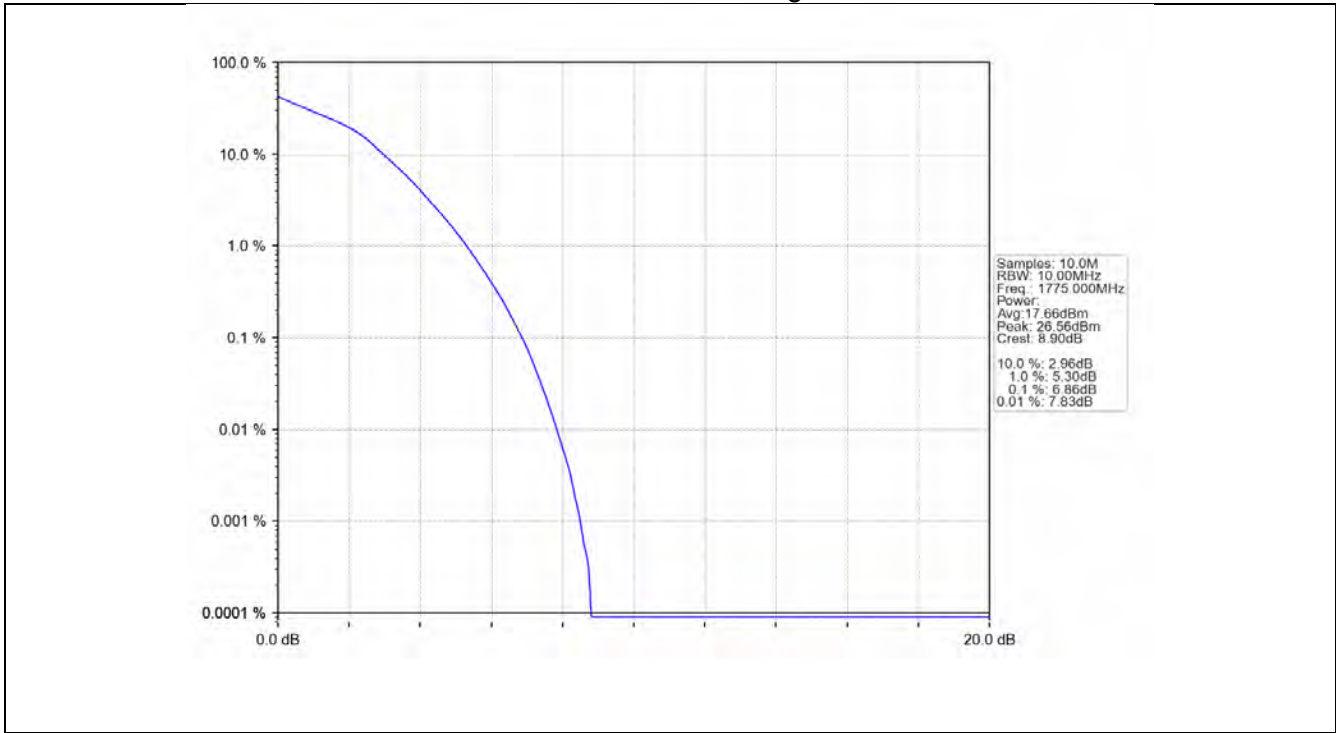
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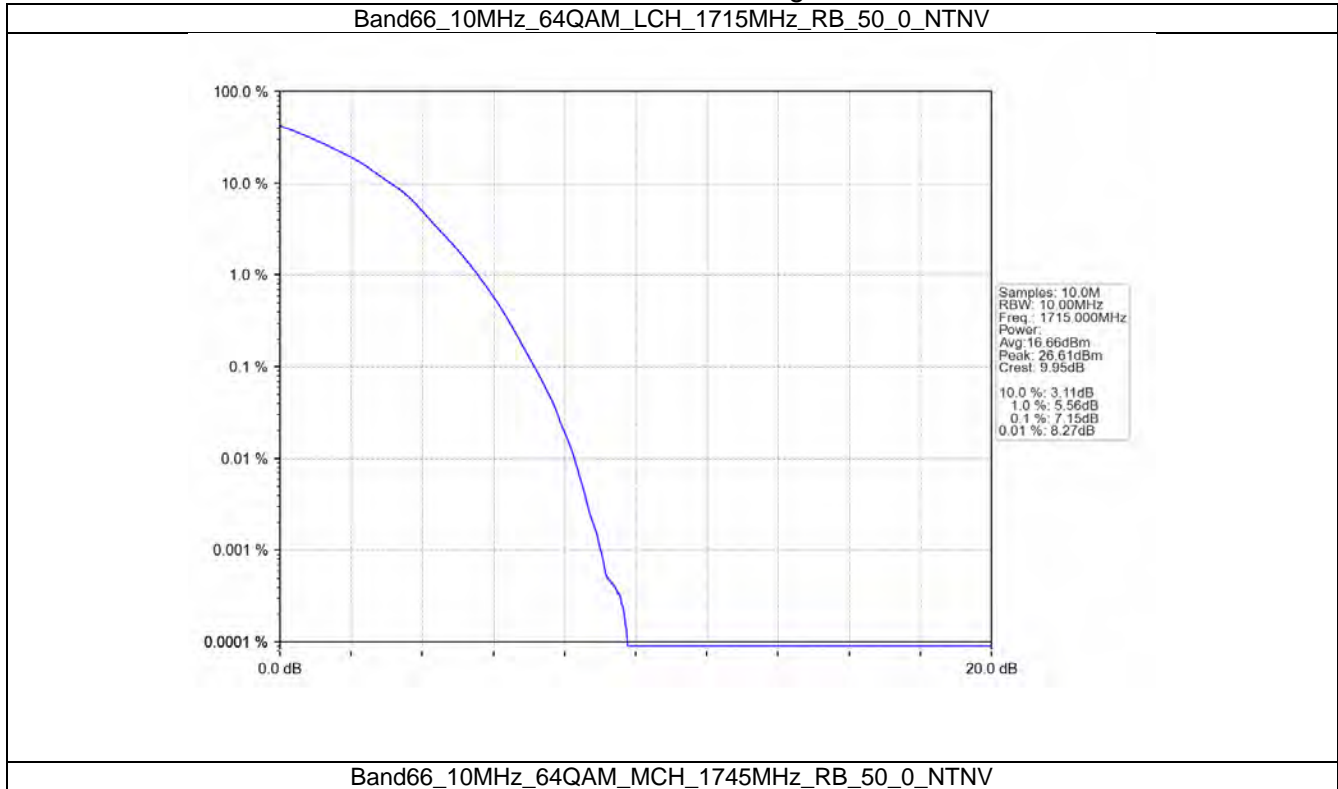
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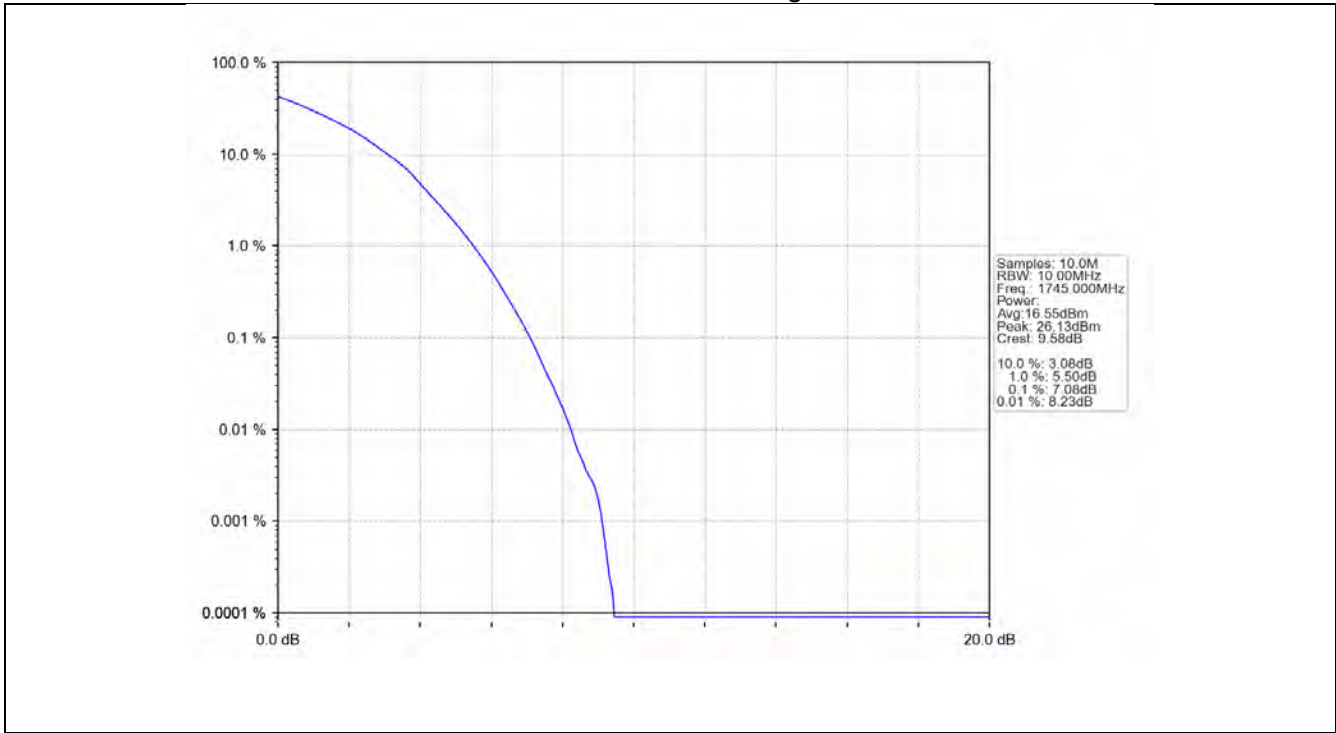


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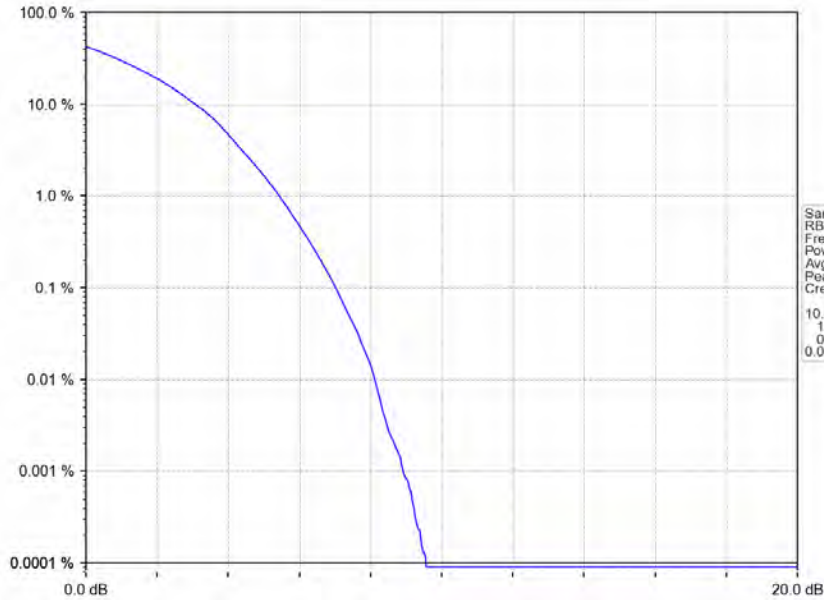




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Band66\_10MHz\_64QAM\_HCH\_1775MHz\_RB\_50\_0\_NTNV



Samples: 10.0M  
 RBW: 10.00MHz  
 Freq: 1775.000MHz  
 Power:  
 Avg: 16.67dBm  
 Peak: 26.33dBm  
 Crest: 9.66dB  
 10.0 %: 3.07dB  
 1.0 %: 5.43dB  
 0.1 %: 7.02dB  
 0.01 %: 8.12dB

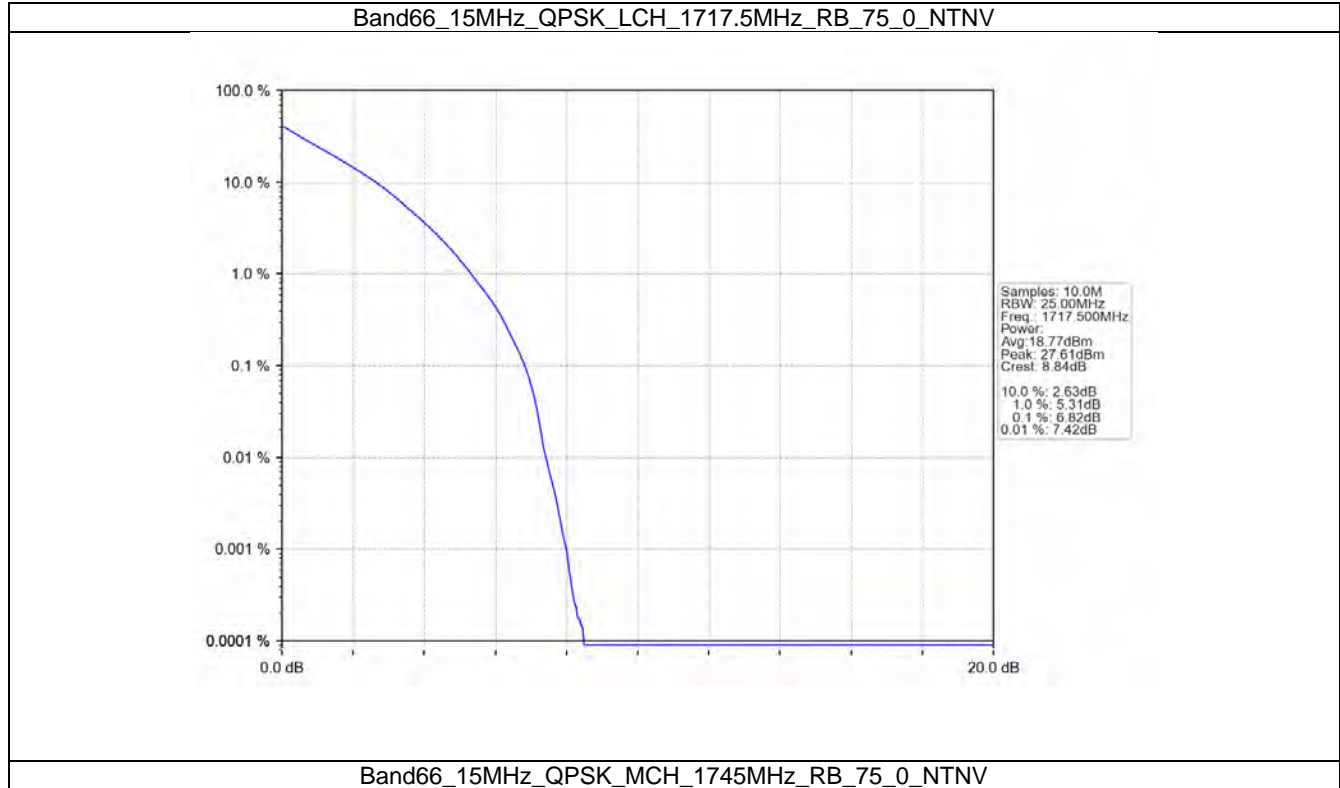


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4.5 B66\_15MHz

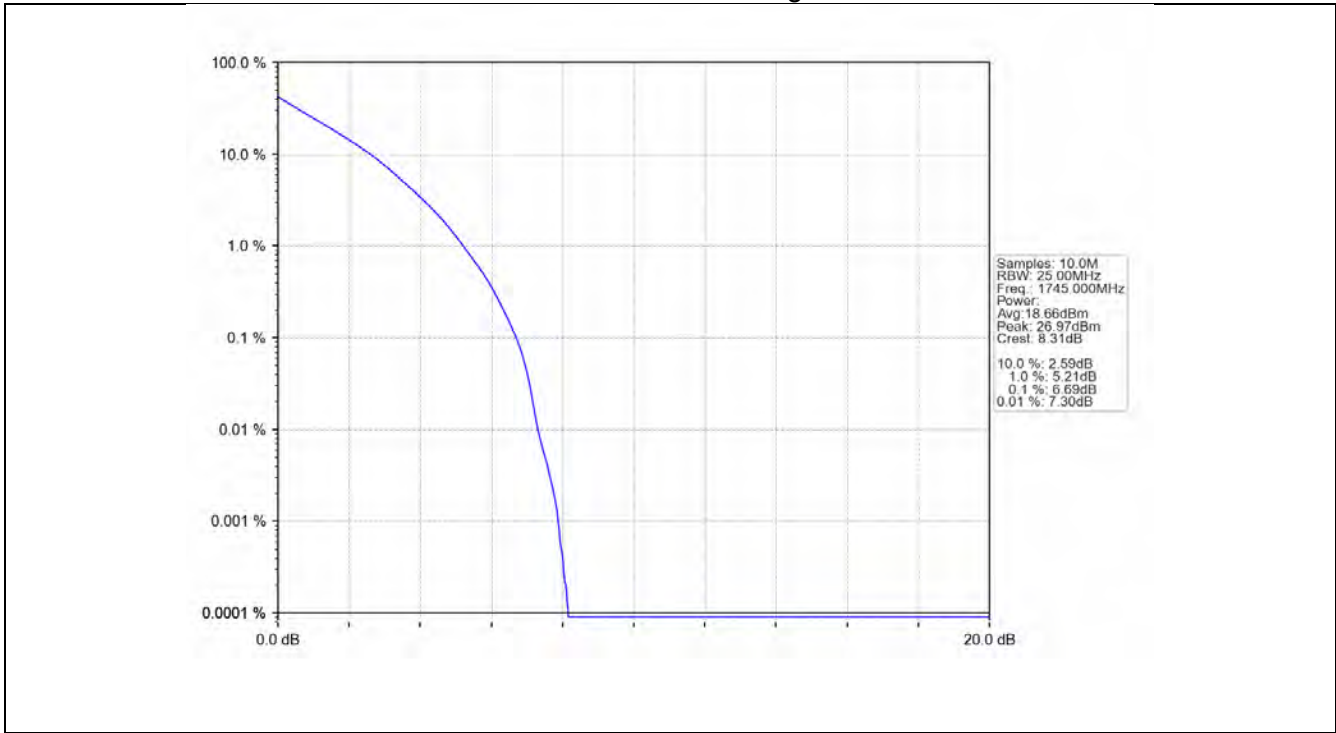
4.5.2 Test Graph



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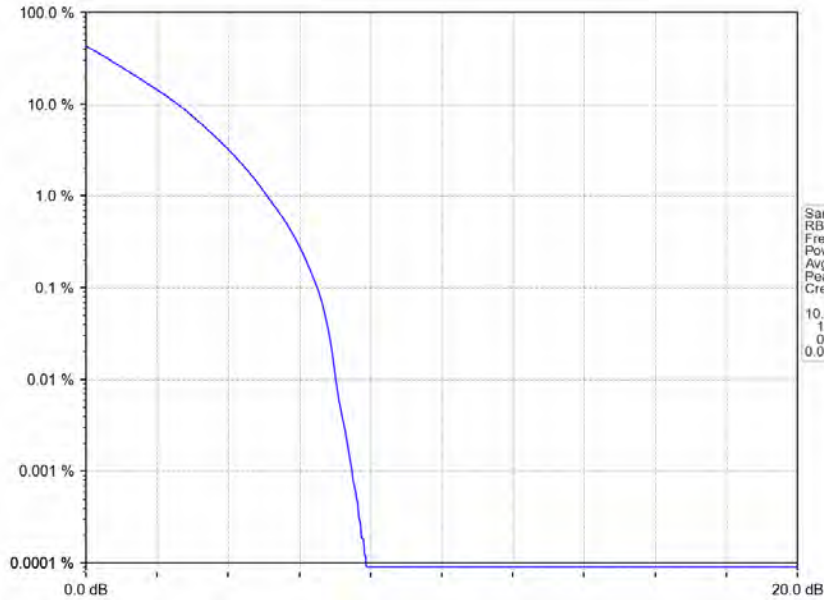


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Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



Samples: 10.0M  
 RBW: 25.00MHz  
 Freq: 1772.500MHz  
 Power:  
 Avg: 18.78dBm  
 Peak: 26.77dBm  
 Crest: 7.99dB  
 10.0 %: 2.57dB  
 1.0 %: 5.09dB  
 0.1 %: 6.50dB  
 0.01 %: 7.02dB

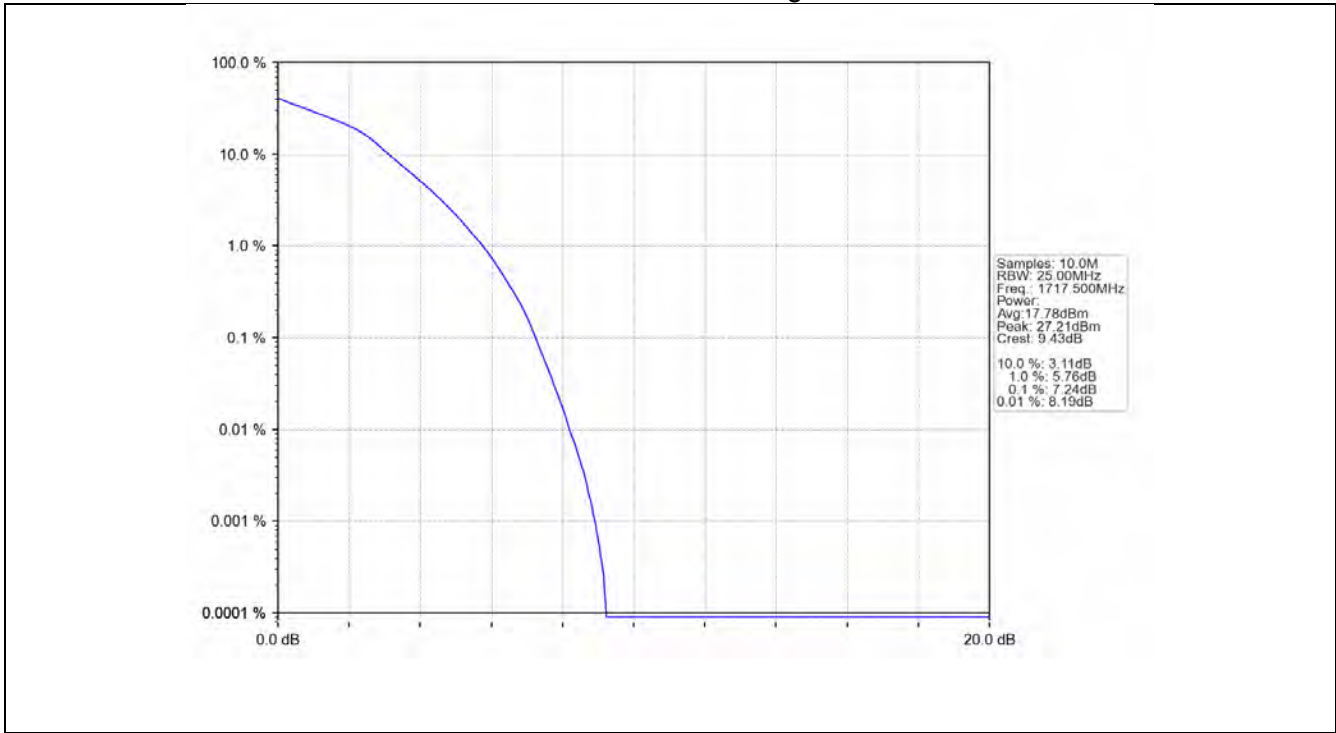
Band66\_15MHz\_16QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



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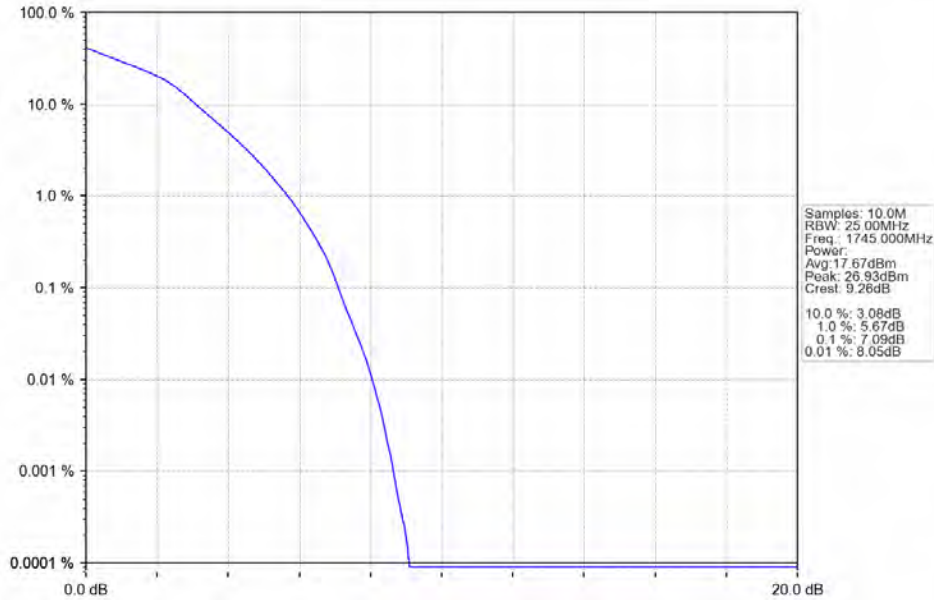


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Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



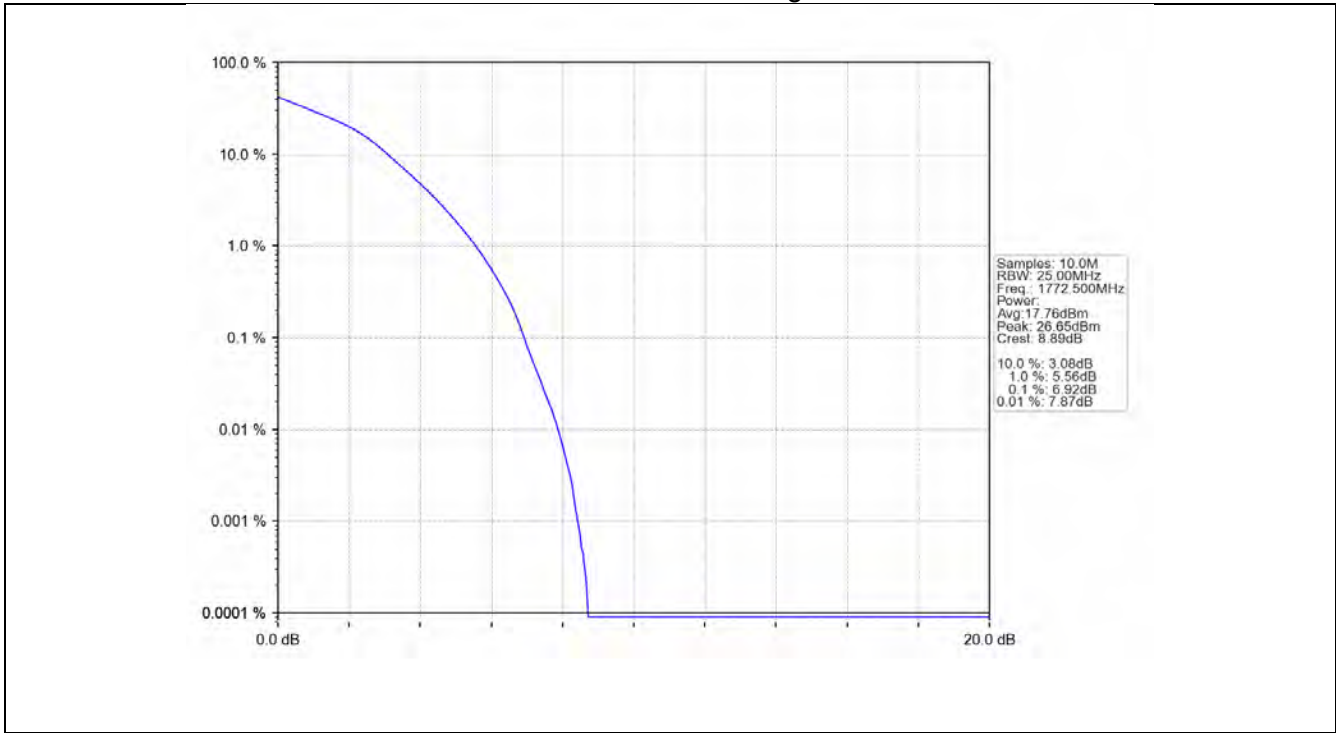
Band66\_15MHz\_16QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



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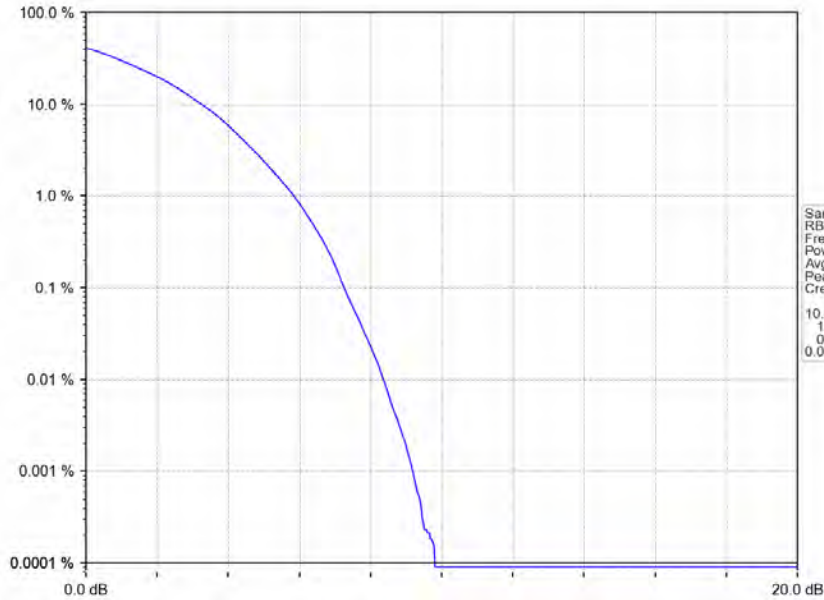
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Band66\_15MHz\_64QAM\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV



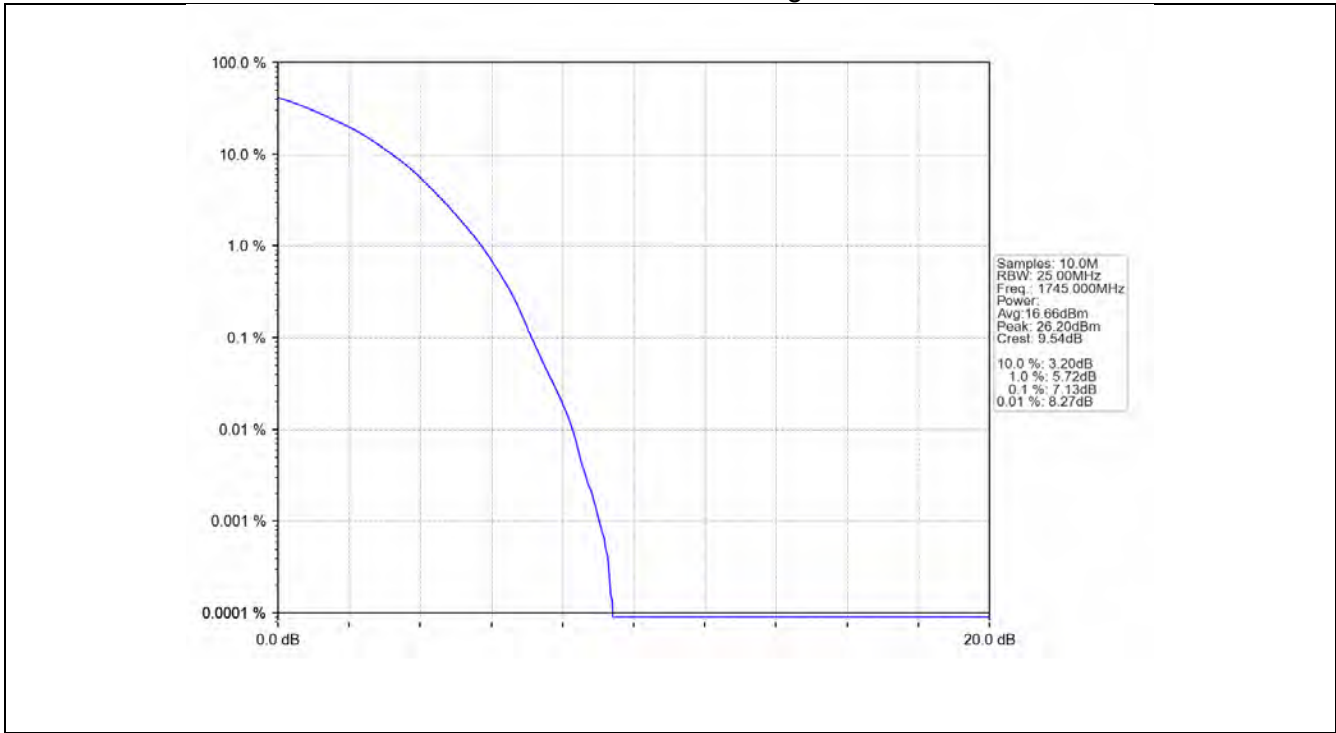
Samples: 10.0M  
 RBW: 25.00MHz  
 Freq: 1717.500MHz  
 Power:  
 Avg: 16.78dBm  
 Peak: 26.75dBm  
 Crest: 9.97dB  
 10.0 %: 3.24dB  
 1.0 %: 5.84dB  
 0.1 %: 7.25dB  
 0.01 %: 8.36dB

Band66\_15MHz\_64QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



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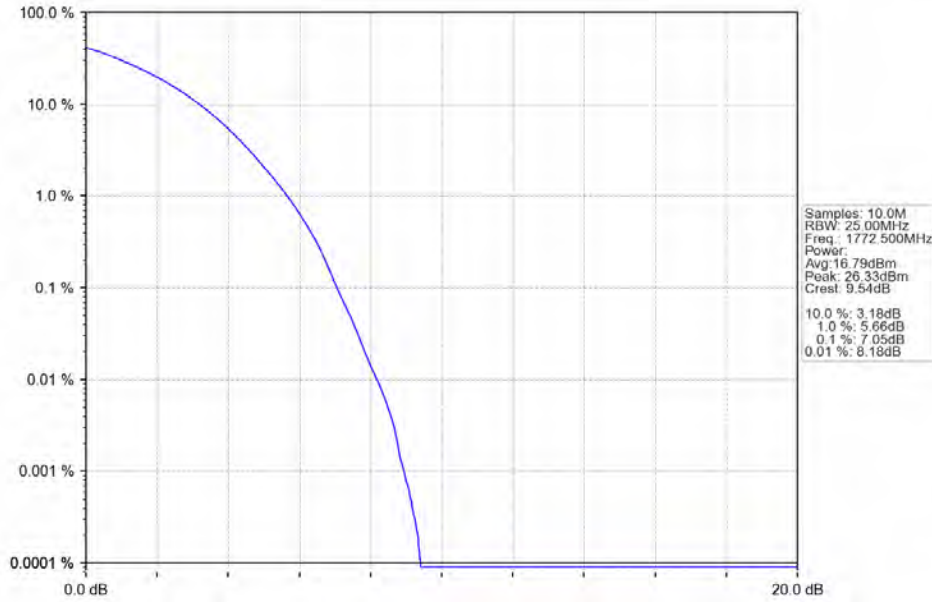
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Band66\_15MHz\_64QAM\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV



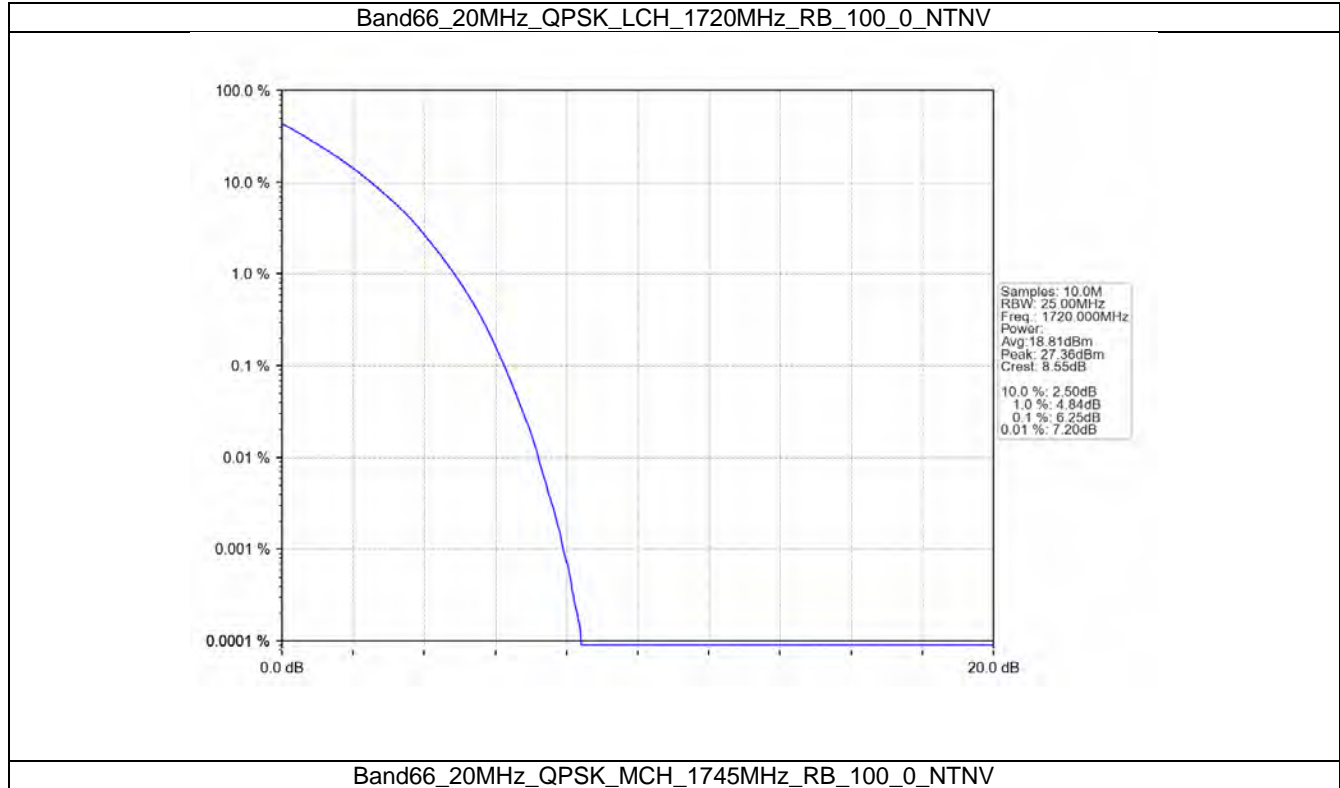
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4.6 B66\_20MHz

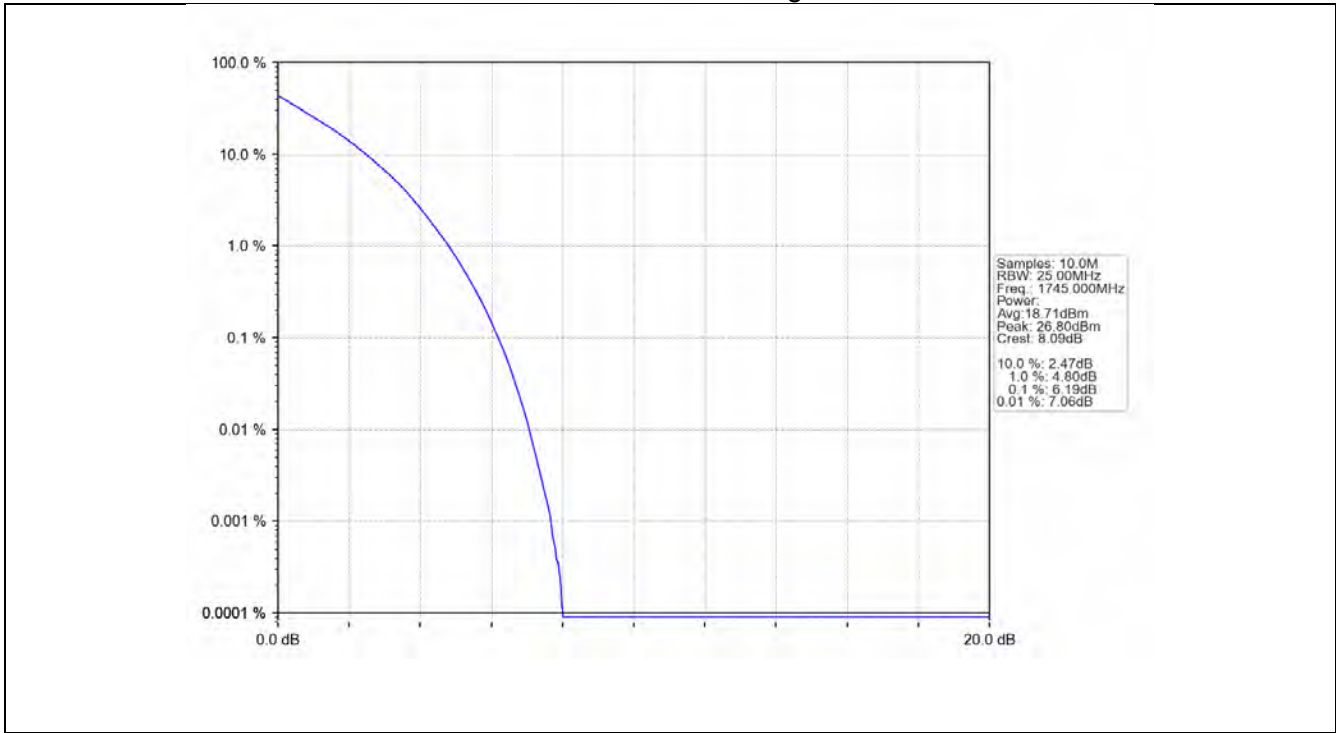
4.6.2 Test Graph



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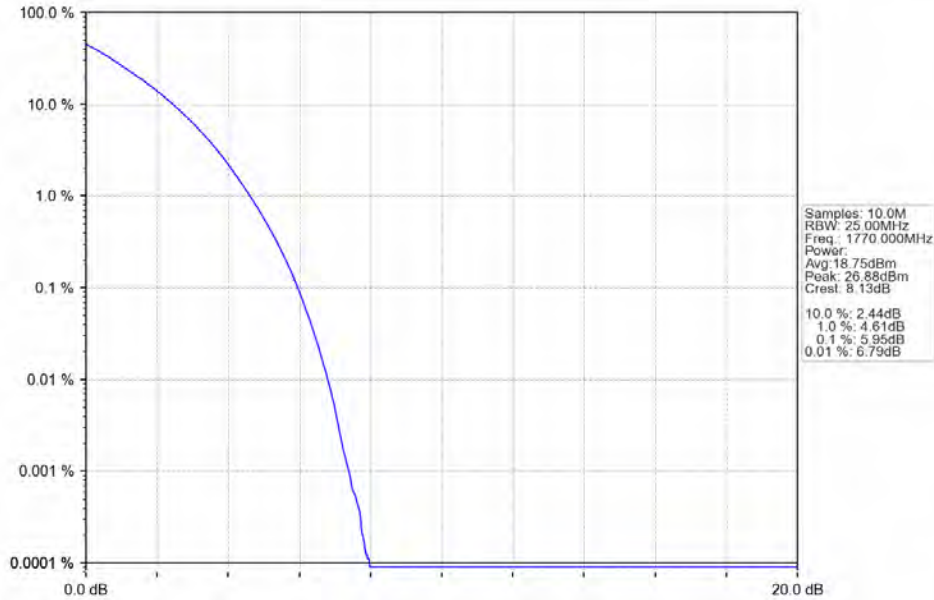


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Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



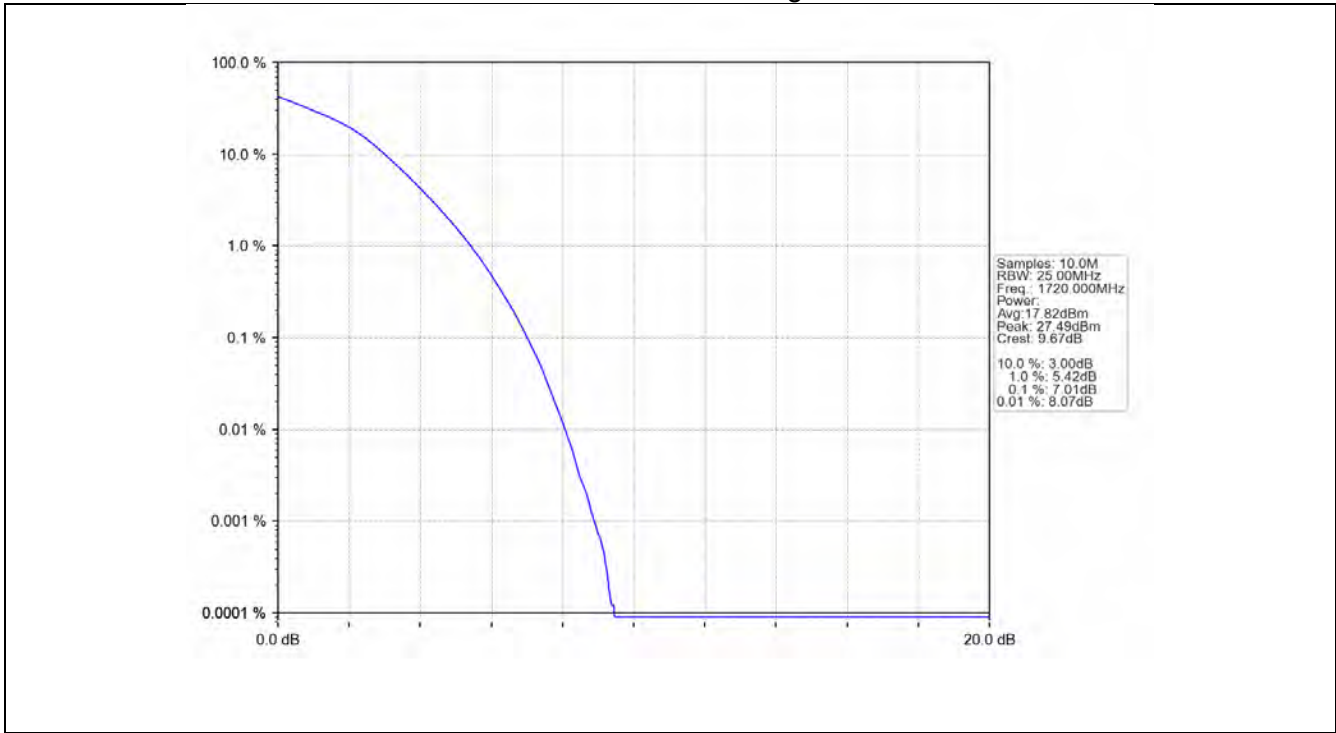
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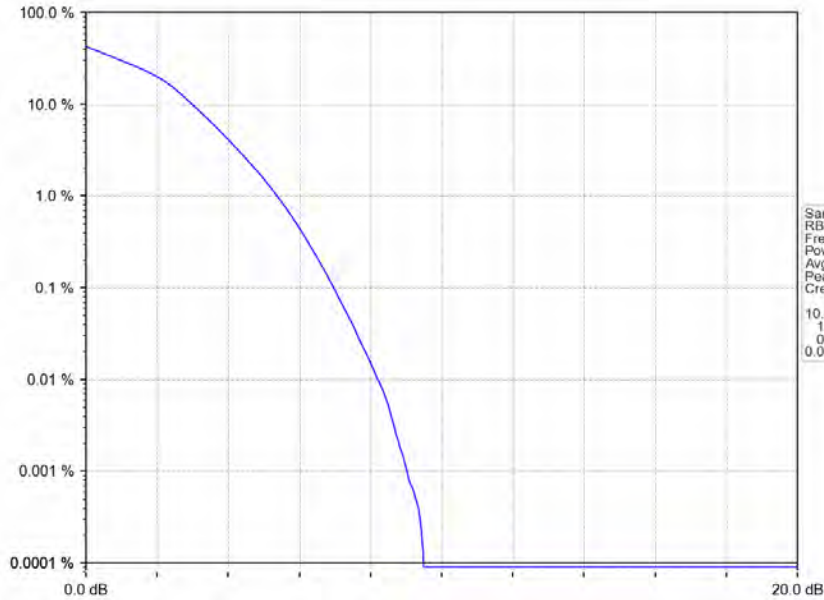
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Band66\_20MHz\_16QAM\_MCH\_1745MHz\_RB\_100\_0\_NTNV



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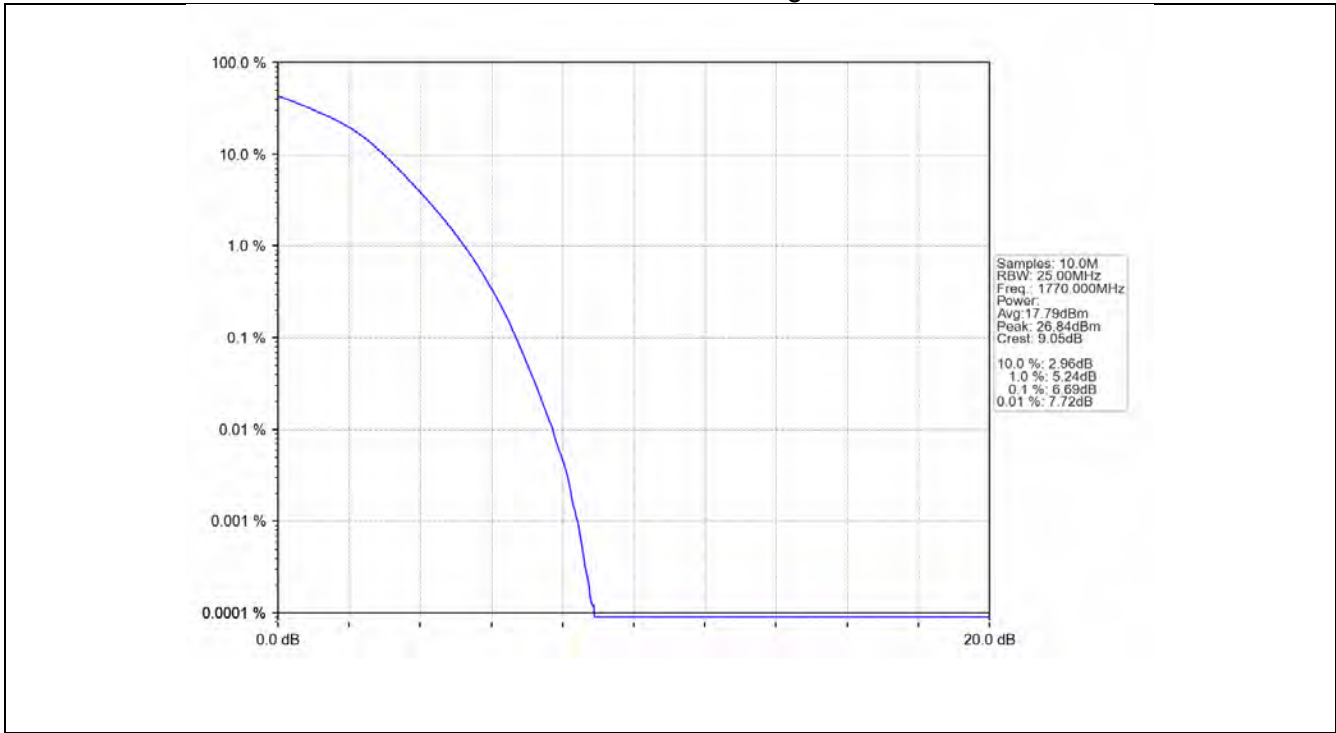
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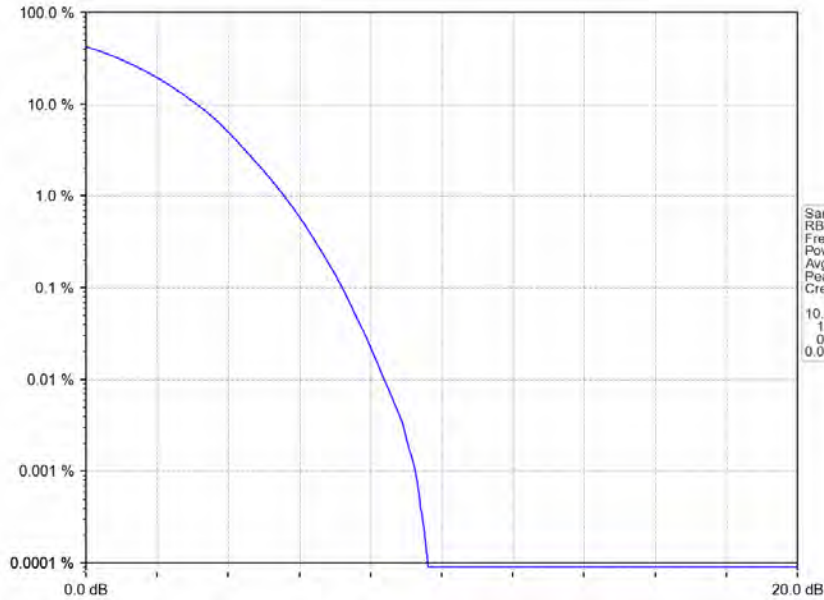


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Band66\_20MHz\_64QAM\_LCH\_1720MHz\_RB\_100\_0\_NTNV



Samples: 10.0M  
 RBW: 25.00MHz  
 Freq: 1720.000MHz  
 Power:  
 Avg: 16.81dBm  
 Peak: 26.67dBm  
 Crest: 9.86dB  
 10.0 %: 3.11dB  
 1.0 %: 5.57dB  
 0.1 %: 7.20dB  
 0.01 %: 8.38dB

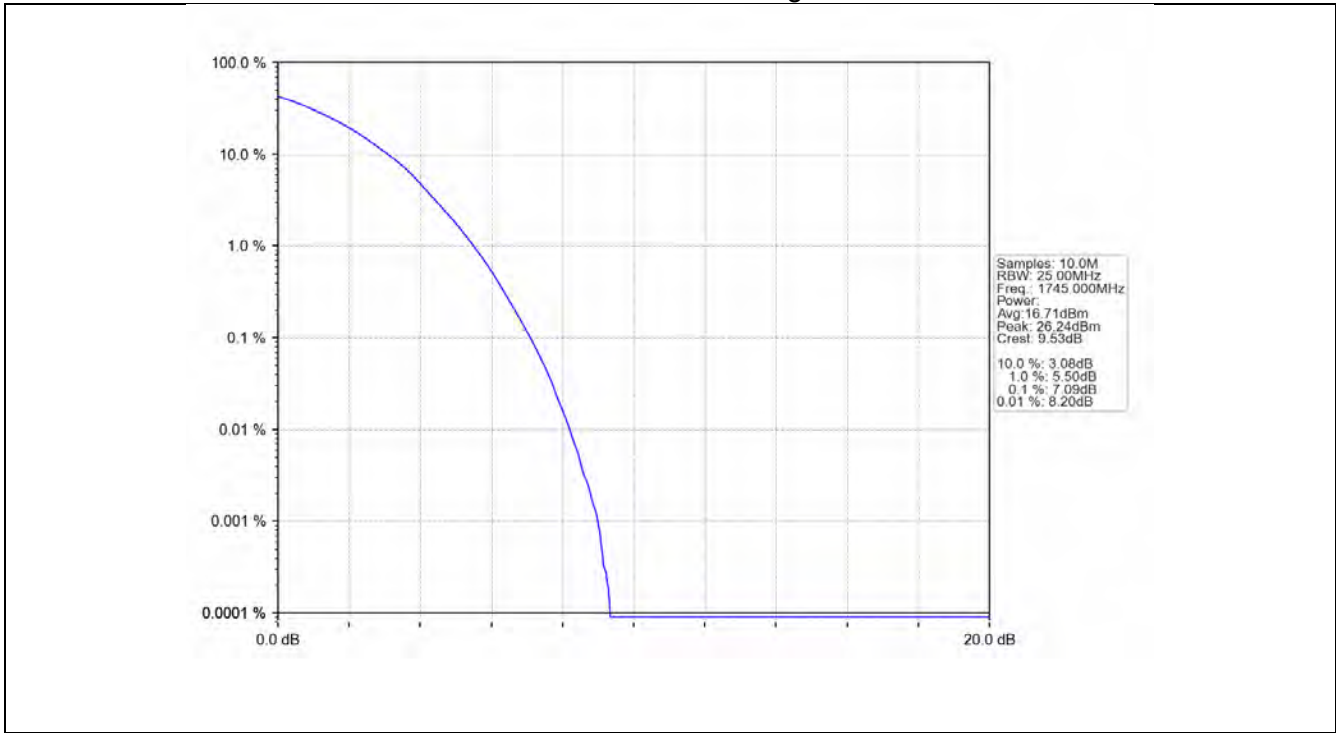
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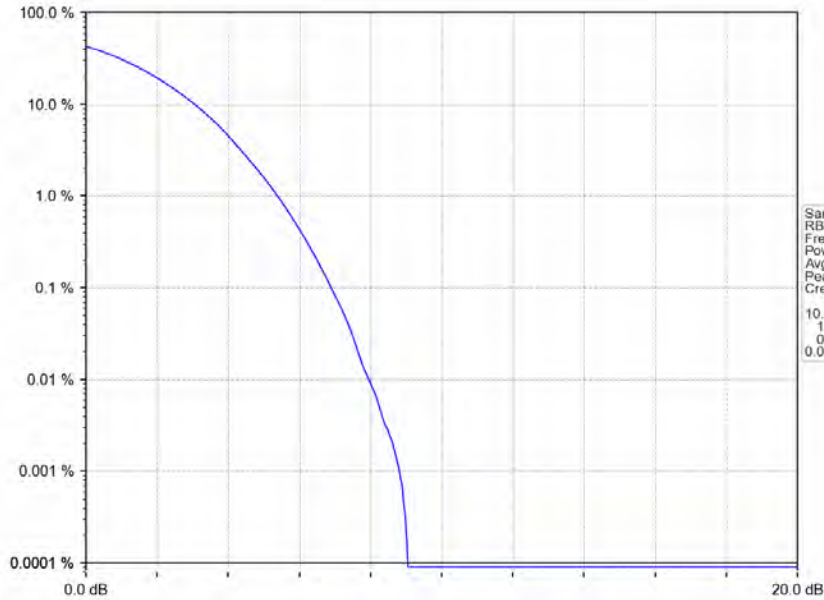


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Rev.: 01

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Band66\_20MHz\_64QAM\_HCH\_1770MHz\_RB\_100\_0\_NTNV



Samples: 10.0M  
 RBW: 25.00MHz  
 Freq: 1770.000MHz  
 Power:  
 Avg: 16.79dBm  
 Peak: 25.97dBm  
 Crest: 9.18dB

10.0 %: 3.05dB  
 1.0 %: 5.36dB  
 0.1 %: 6.89dB  
 0.01 %: 7.95dB



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## 5. Spurious Emission & Band Edges

### 5.1 B66\_1.4MHz

#### 5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

### 5.2 B66\_3MHz

#### 5.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass



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5.3 B66\_5MHz

5.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.4 B66\_10MHz

5.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.5 B66\_15MHz

5.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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5.6 B66\_20MHz

5.6.1 Test Result

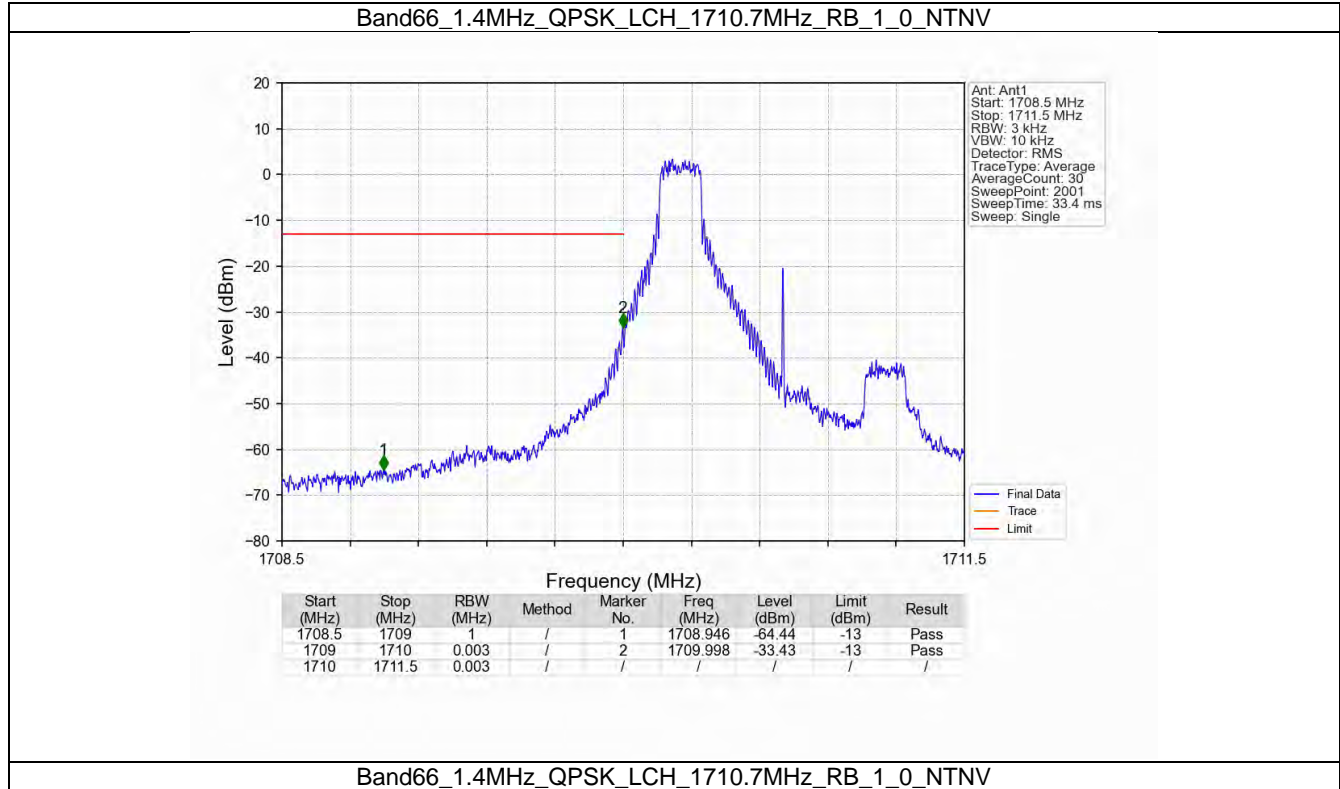
Table with columns: Modulation, Frequency (MHz), RB Allocation (Size, Offset), Spurious Emission (Result, Limit), and Verdict. Data rows for QPSK at 1720, 1745, and 1770 MHz.



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5.1 B66\_1.4MHz

5.1.2 Test Graph

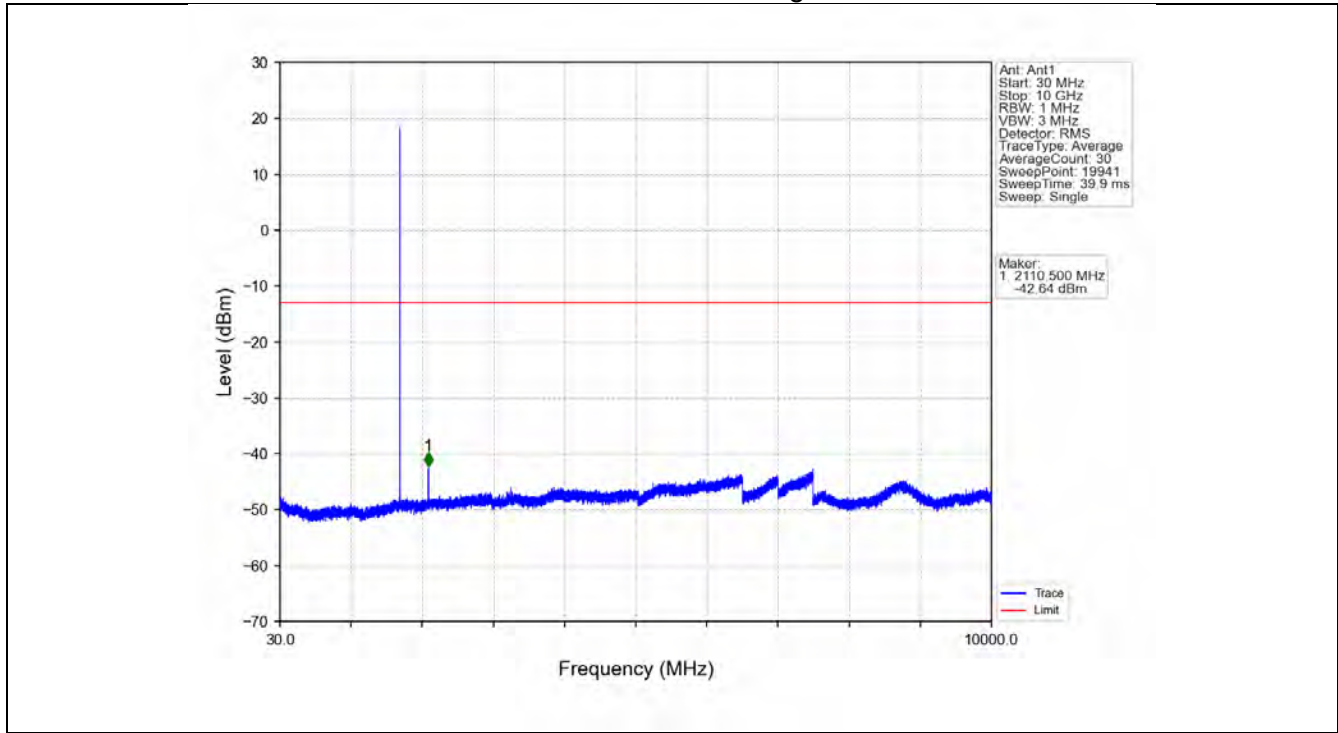


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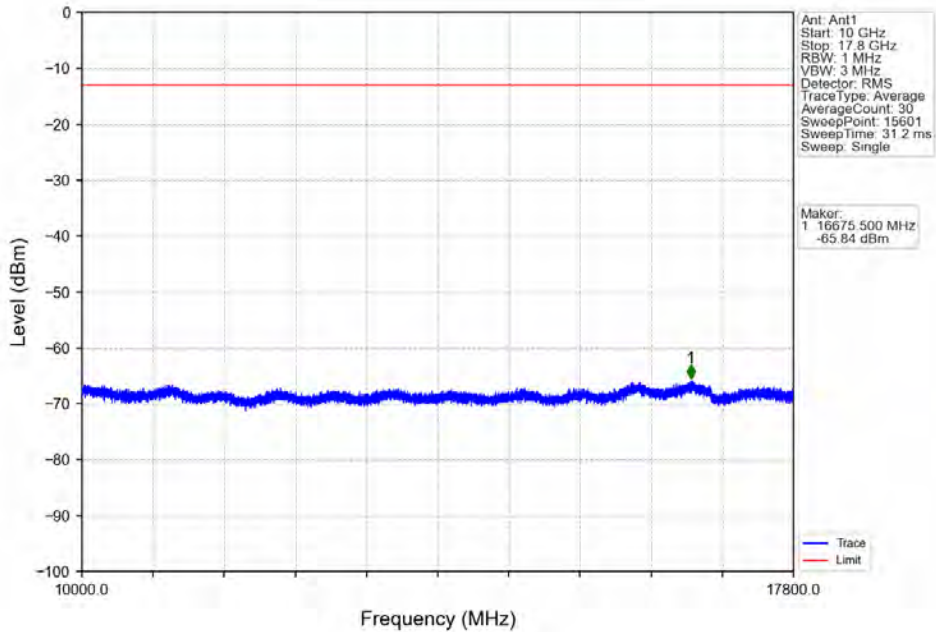


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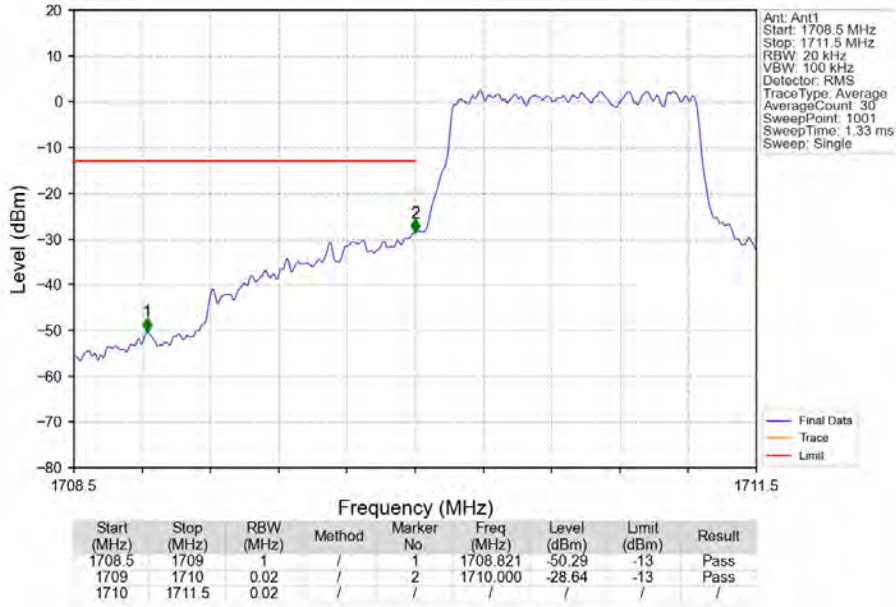
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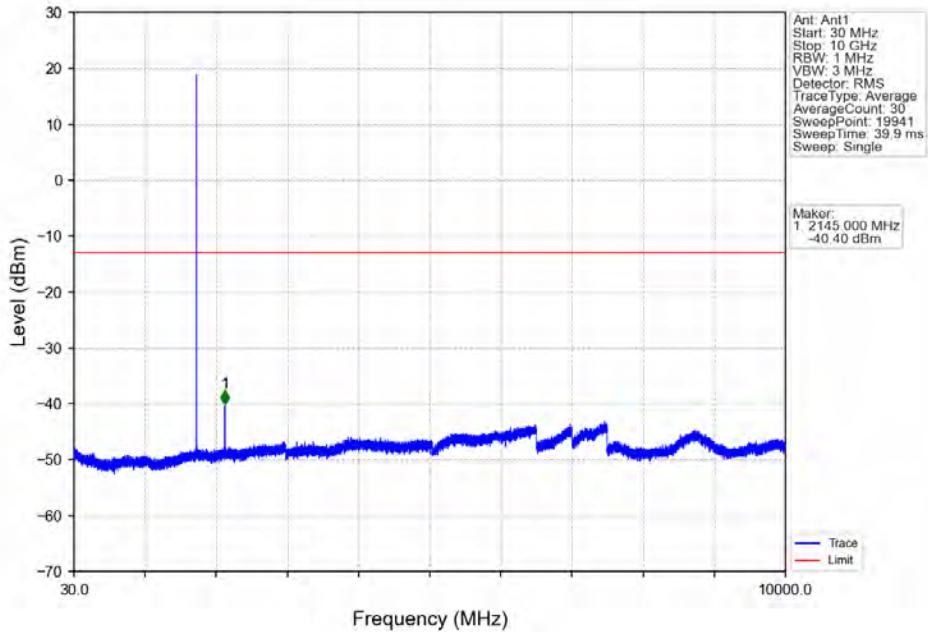


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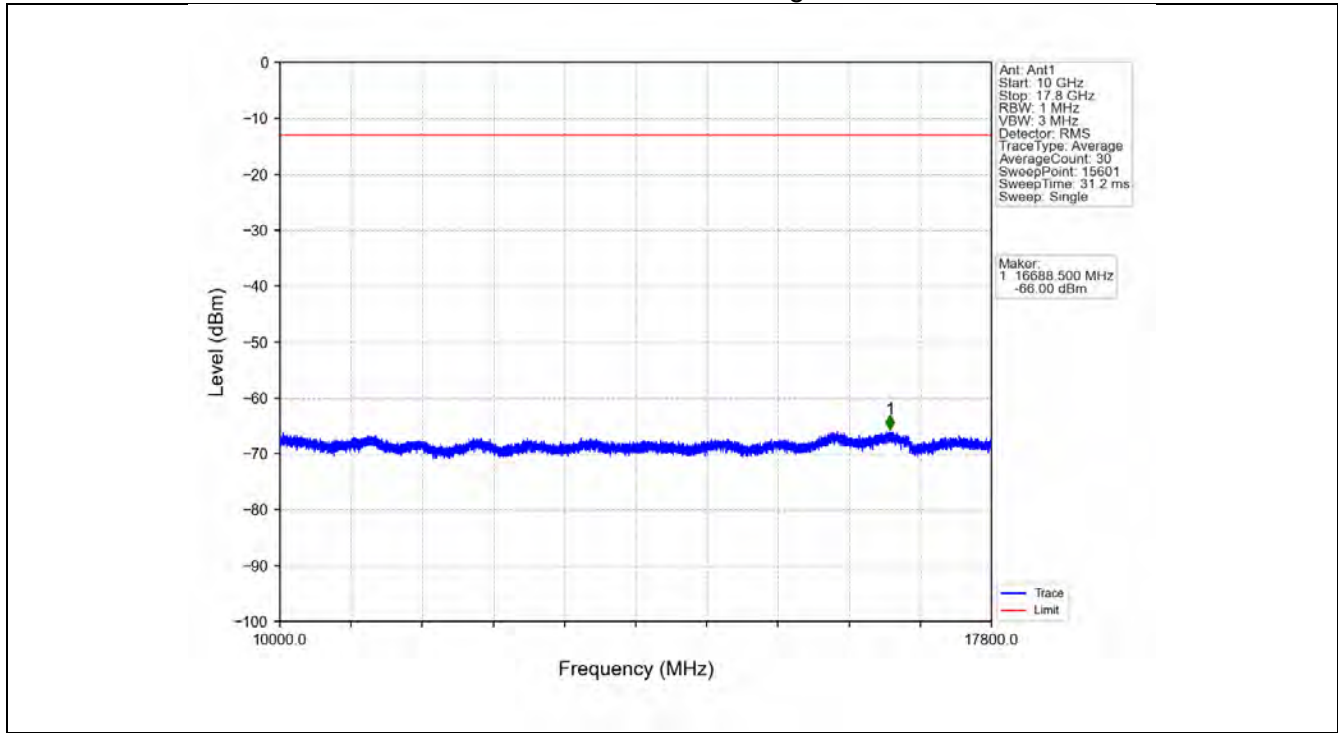


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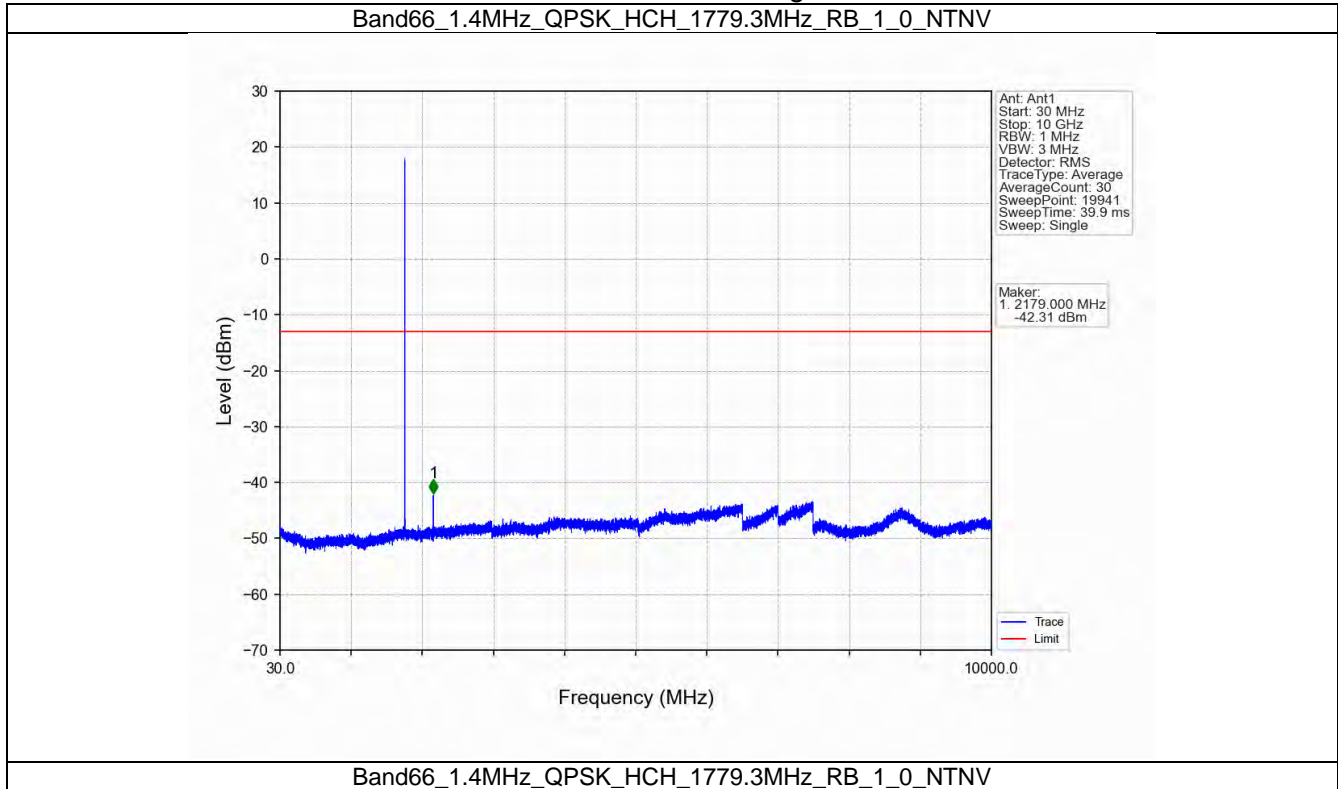
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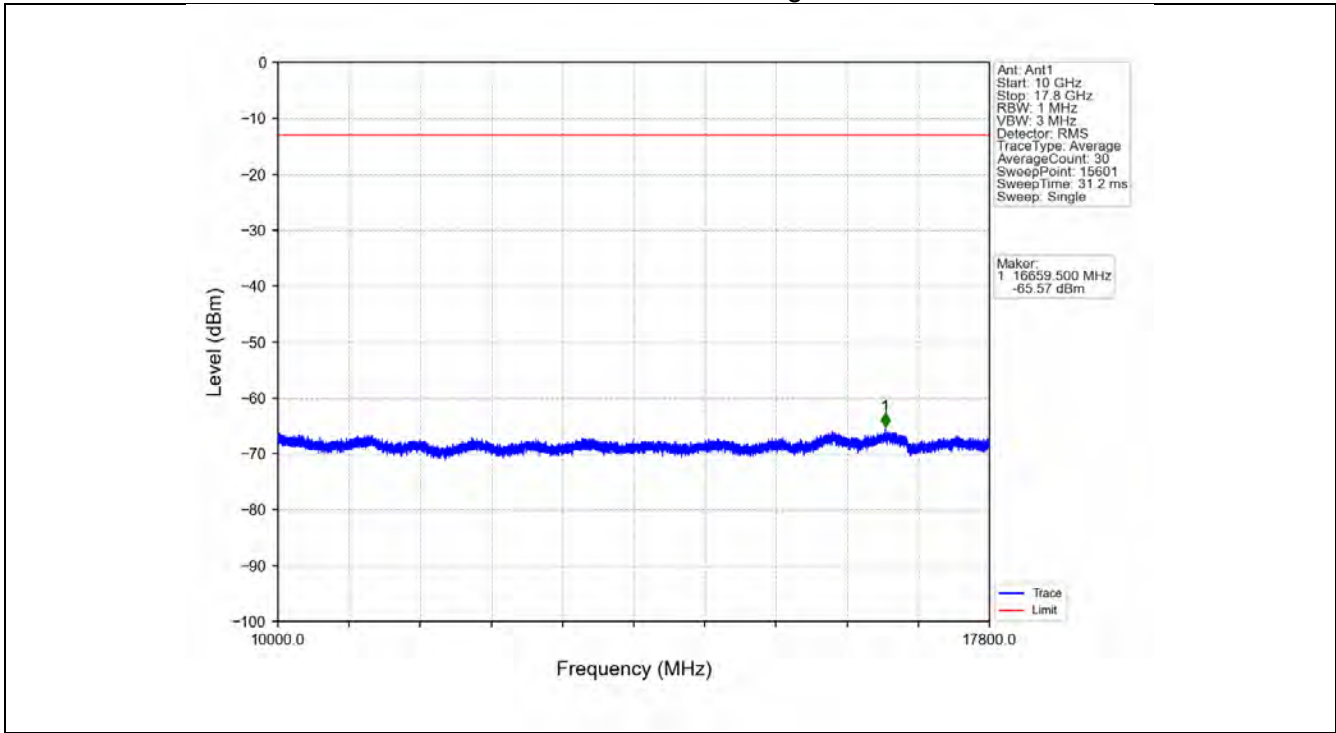
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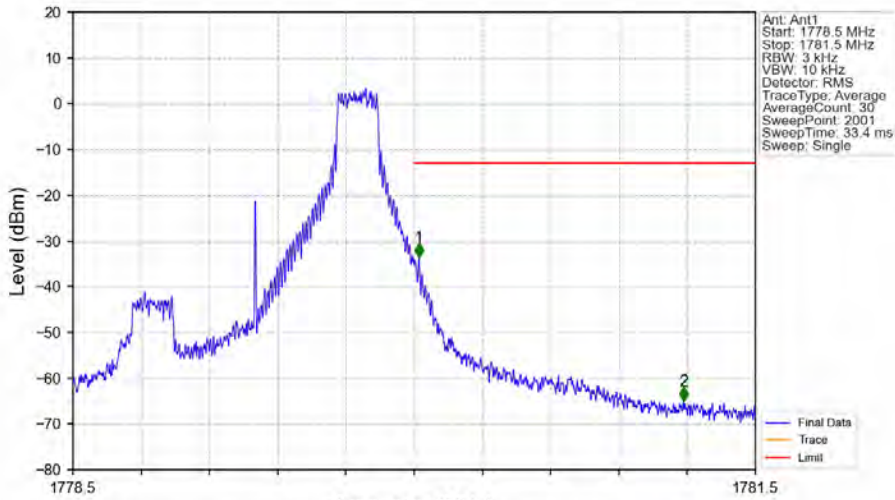
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Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_1\_5\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.021	-33.62	-13	Pass
1781	1781.5	1	/	2	1781.184	-64.98	-13	Pass

Band66\_1.4MHz\_QPSK\_HCH\_1779.3MHz\_RB\_6\_0\_NTNV

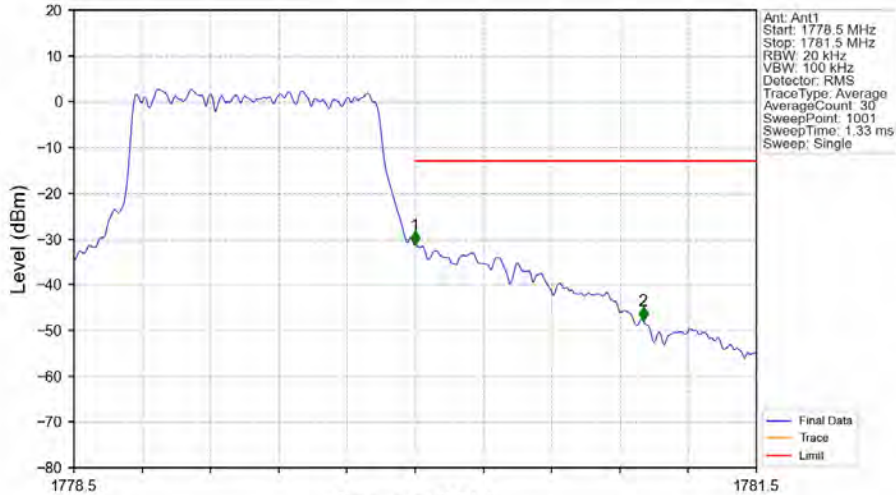


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.02	/	/	/	/	/	/
1780	1781	0.02	/	1	1780.000	-31.37	-13	Pass
1781	1781.5	1	/	2	1781.002	-47.96	-13	Pass



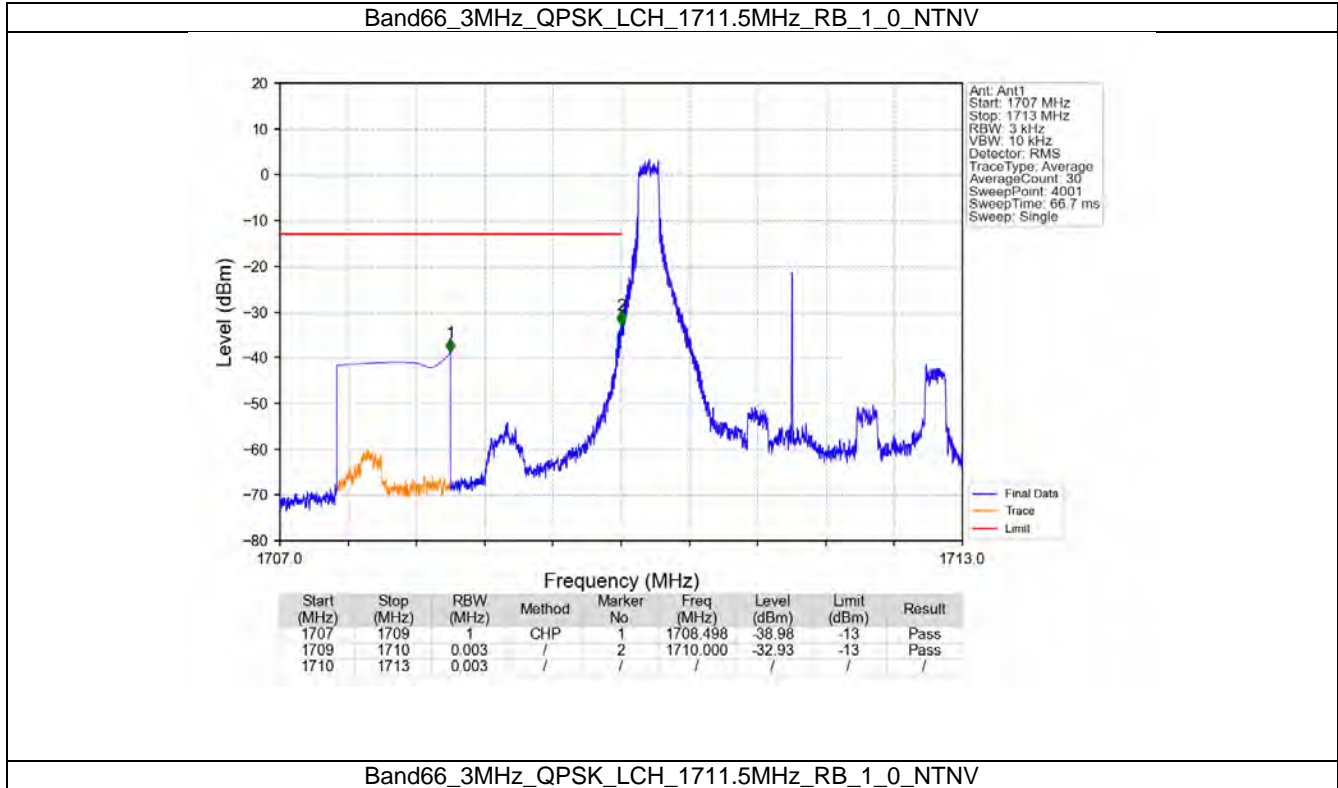
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5.2 B66\_3MHz

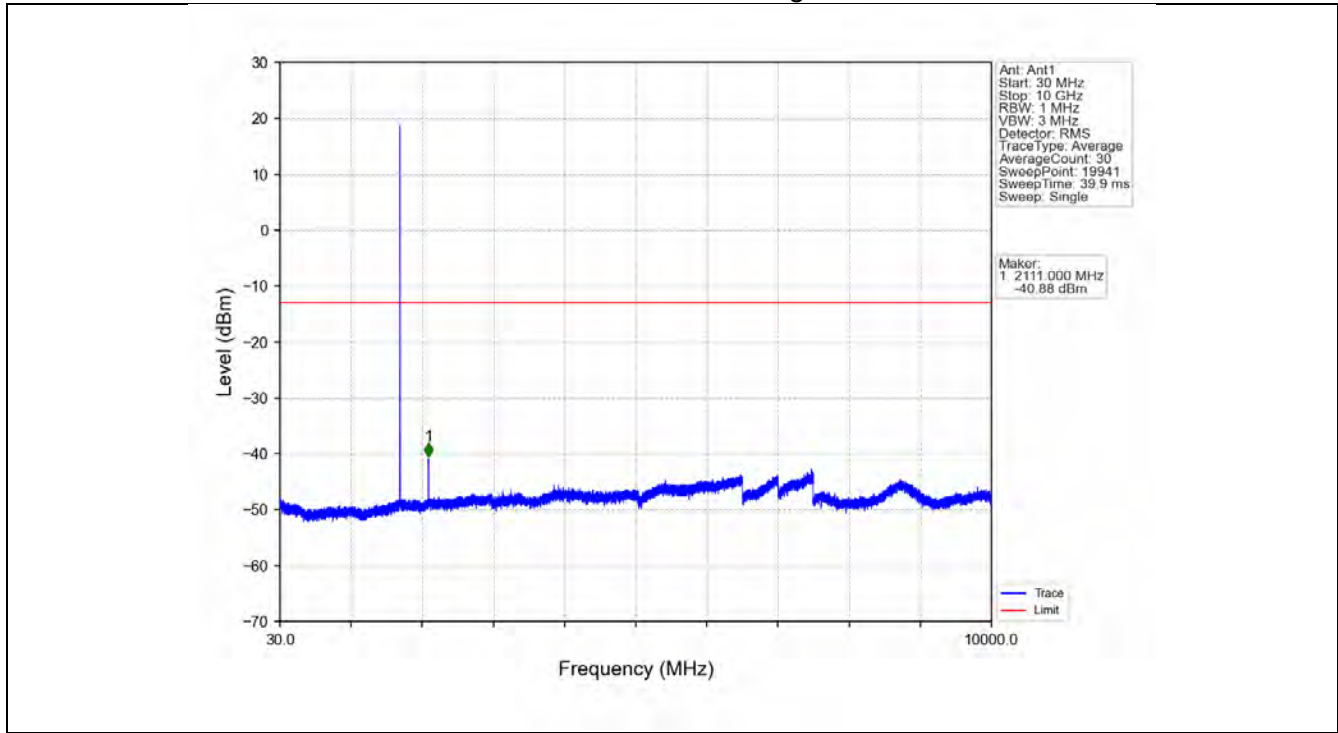
5.2.2 Test Graph



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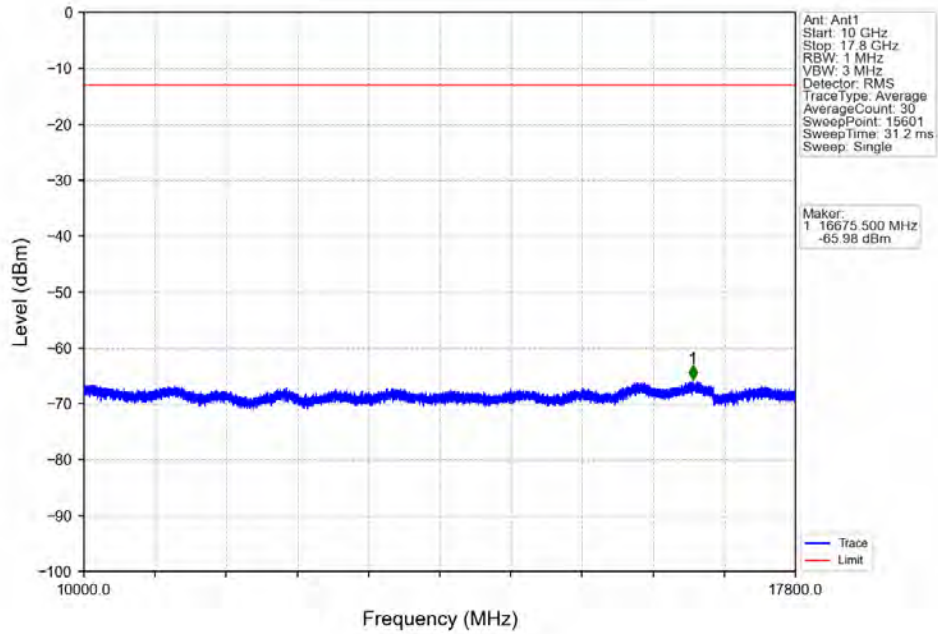


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Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_1\_0\_NTNV



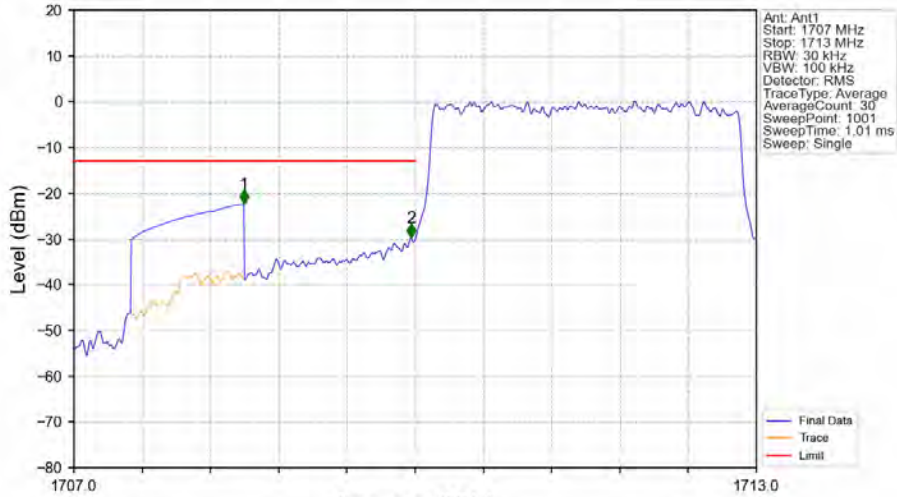
Band66\_3MHz\_QPSK\_LCH\_1711.5MHz\_RB\_15\_0\_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-22.39	-13	Pass
1709	1710	0.03	/	2	1709.964	-29.77	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

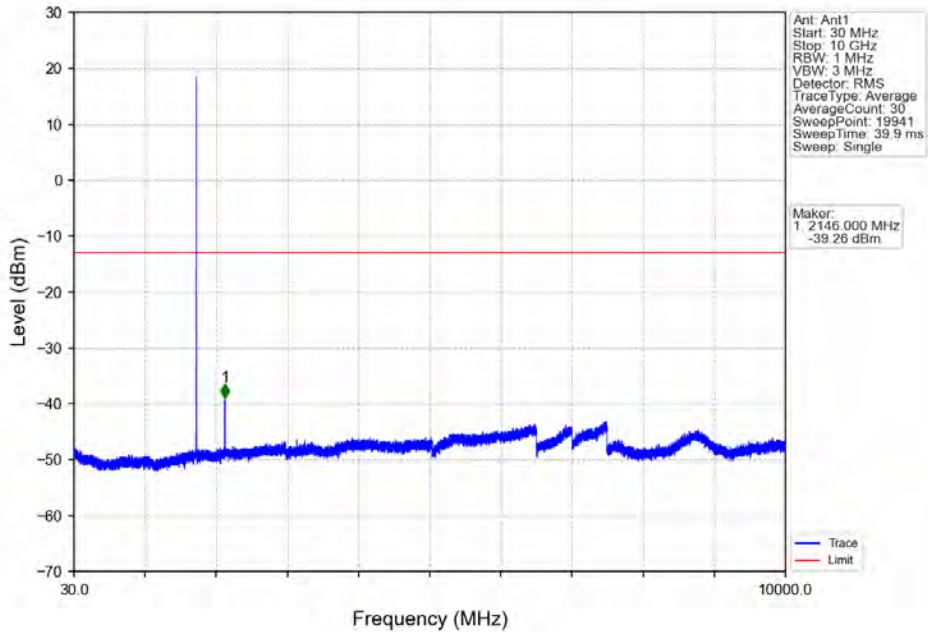


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Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



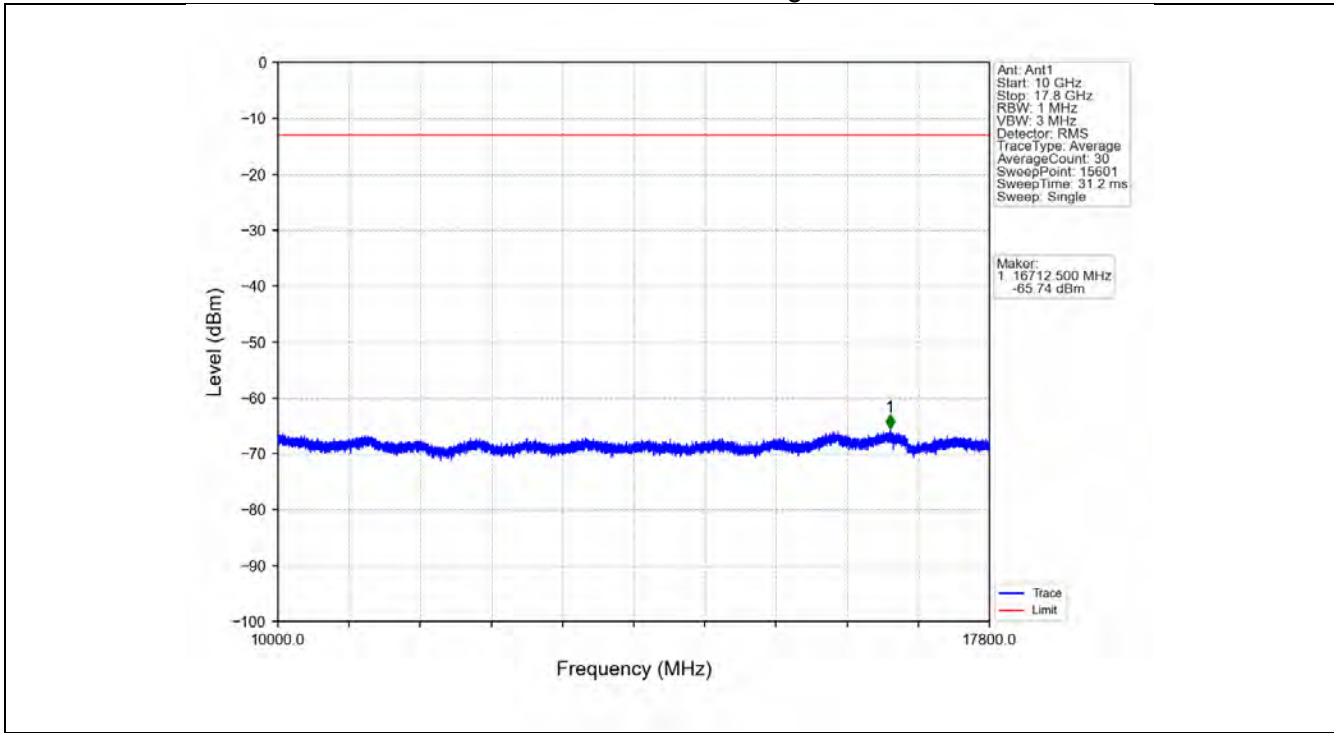
Band66\_3MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



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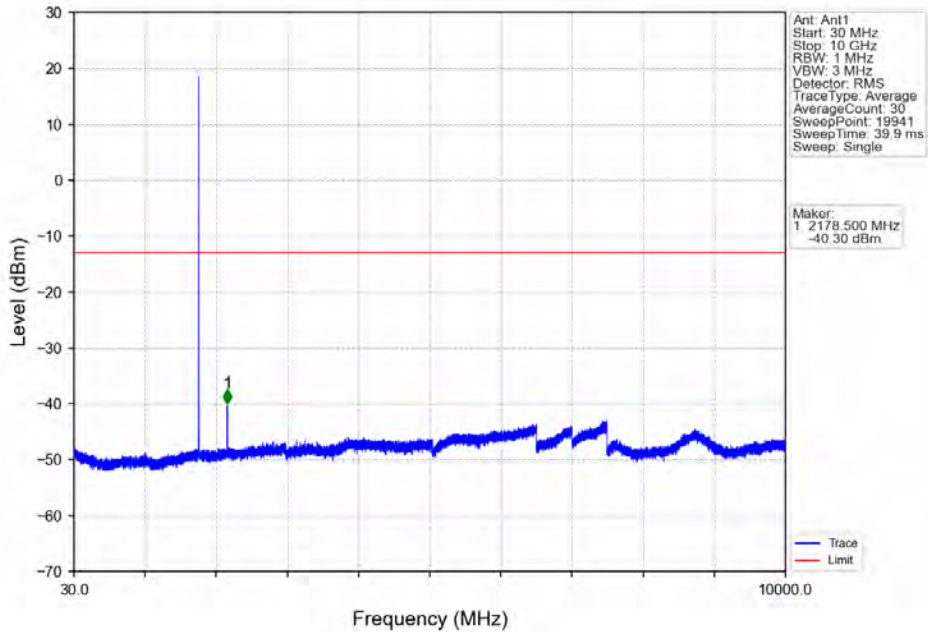


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Rev.: 01

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Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV



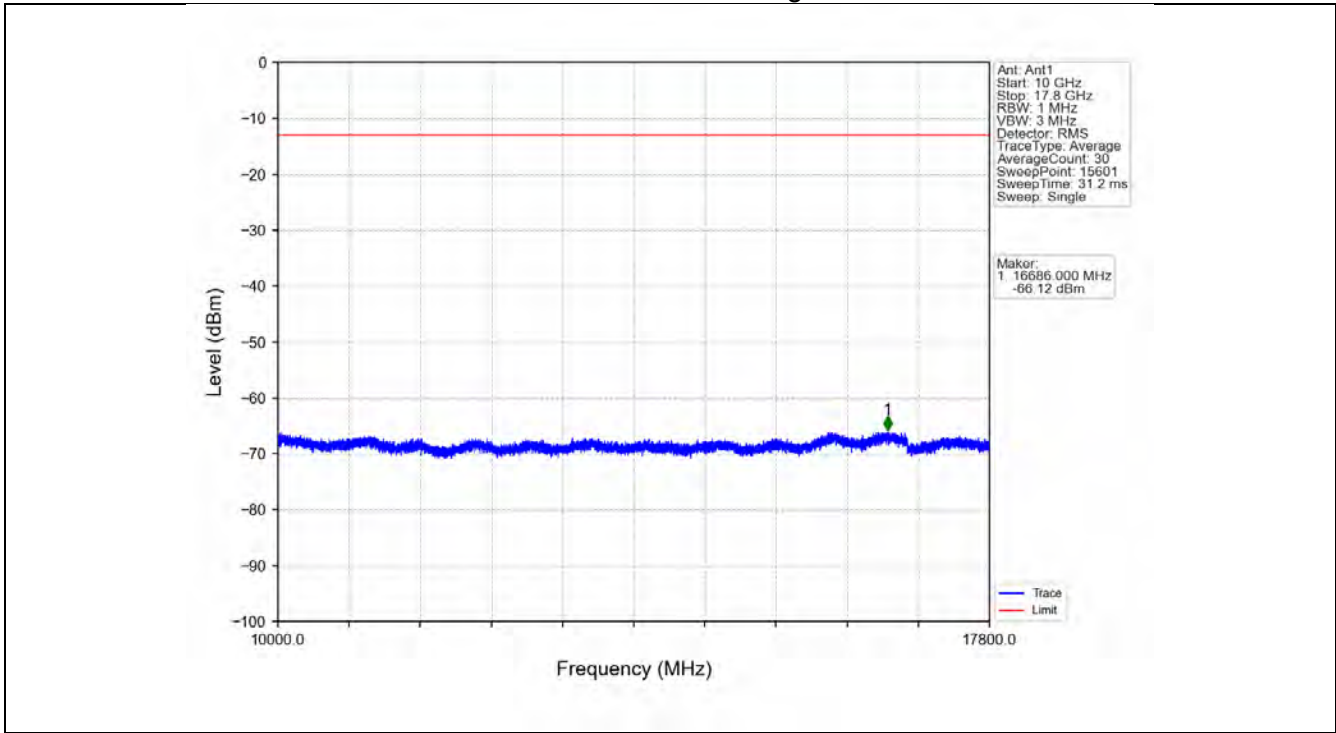
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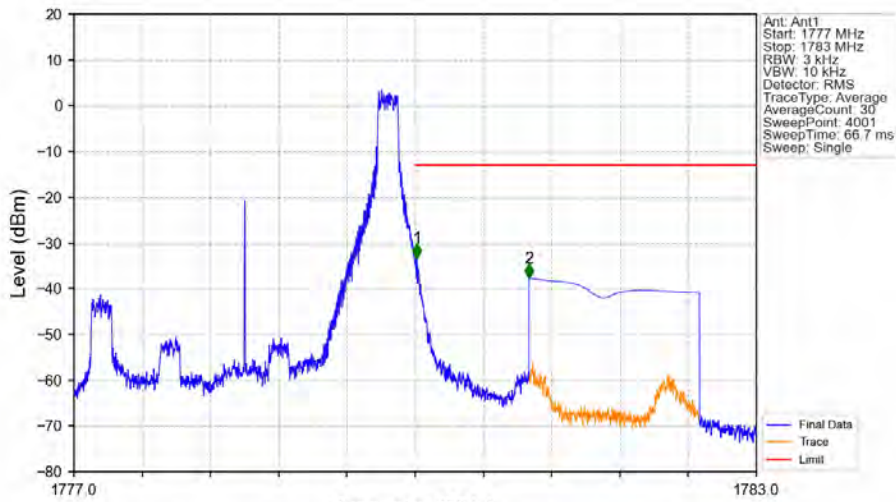




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Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_14\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	1	1780.016	-33.22	-13	Pass
1781	1783	1	CHP	2	1781.001	-37.74	-13	Pass

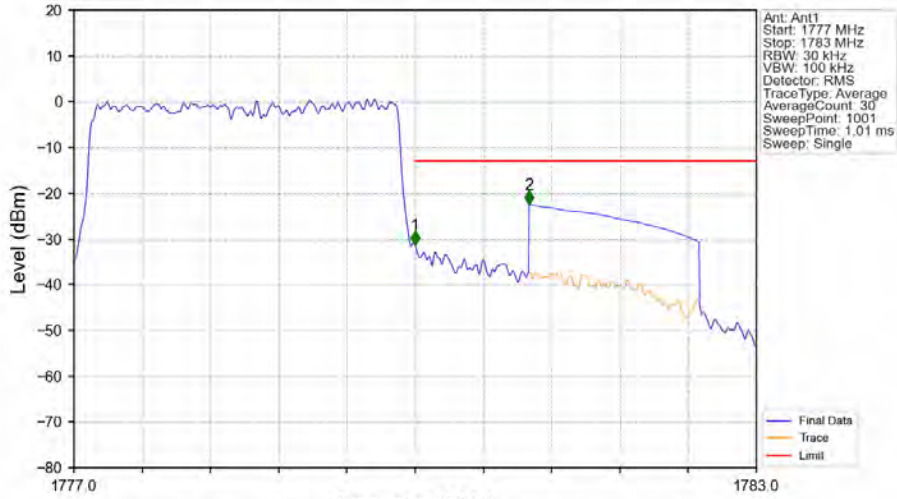
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.000	-31.37	-13	Pass
1781	1783	1	CHP	2	1781.002	-22.57	-13	Pass



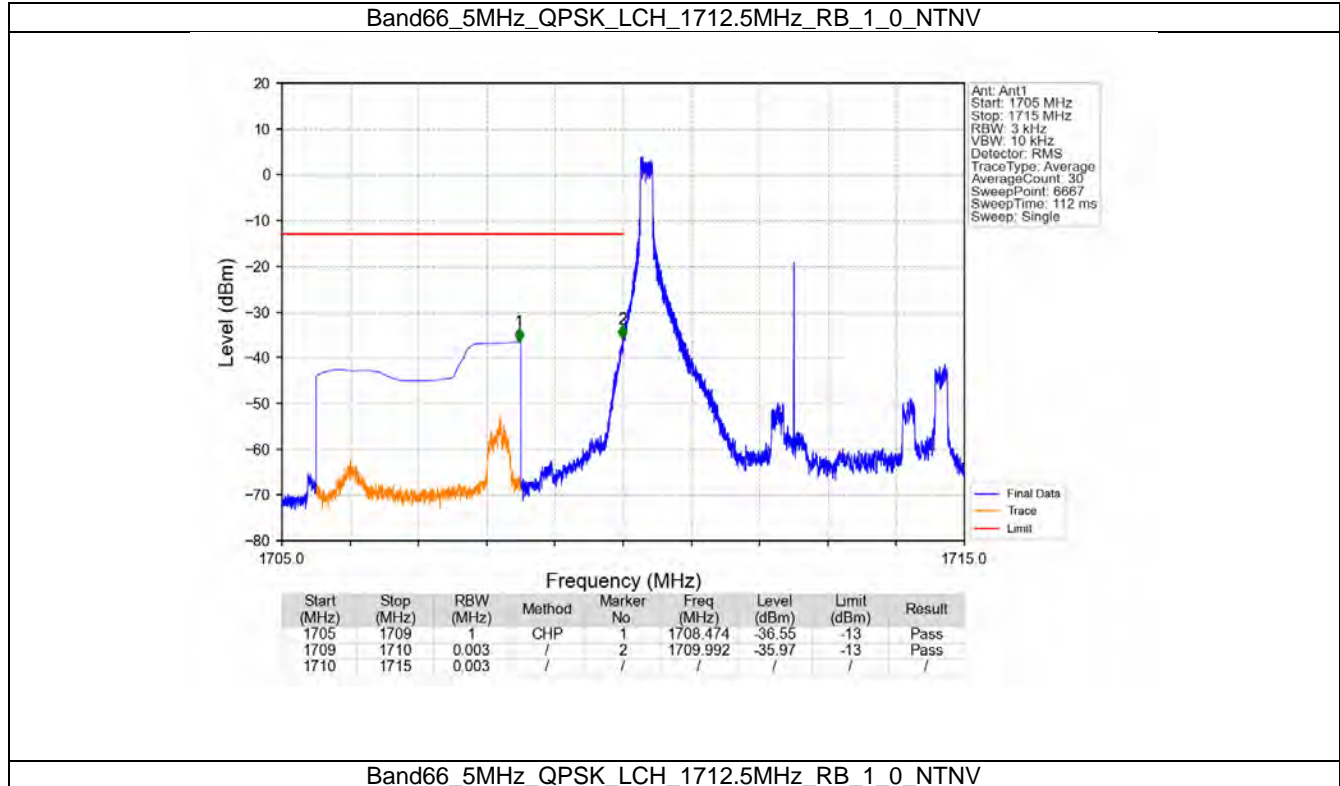
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5.3 B66\_5MHz

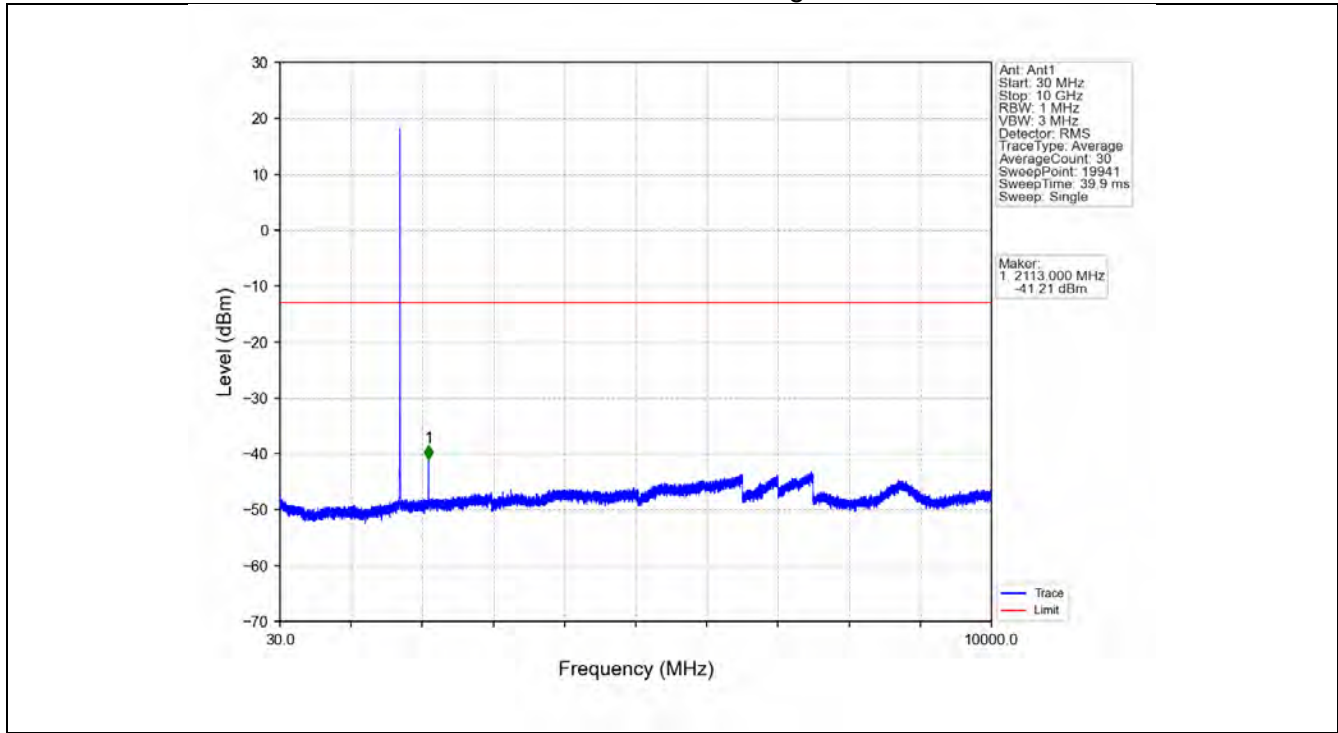
5.3.2 Test Graph



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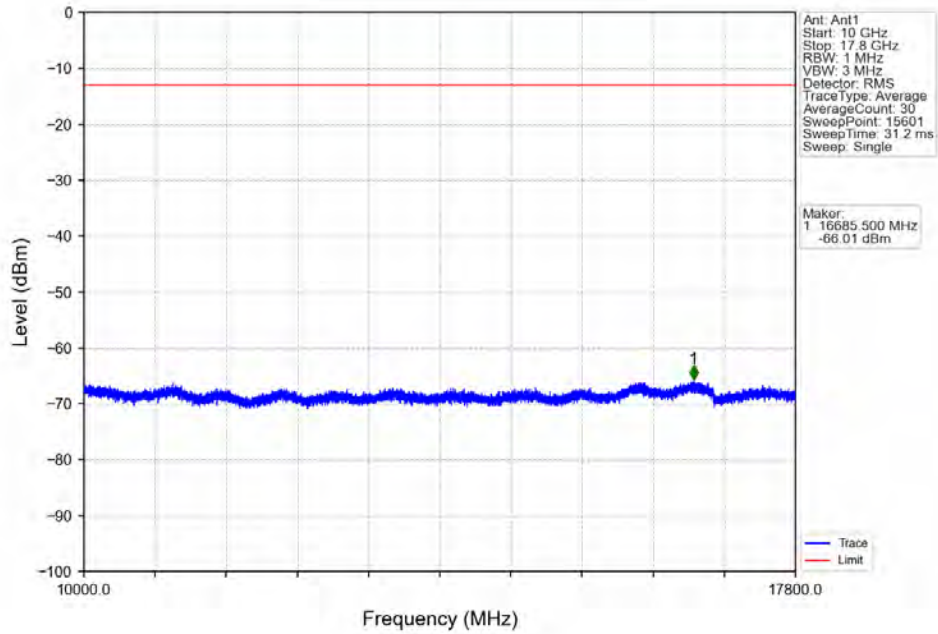


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Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_1\_0\_NTNV



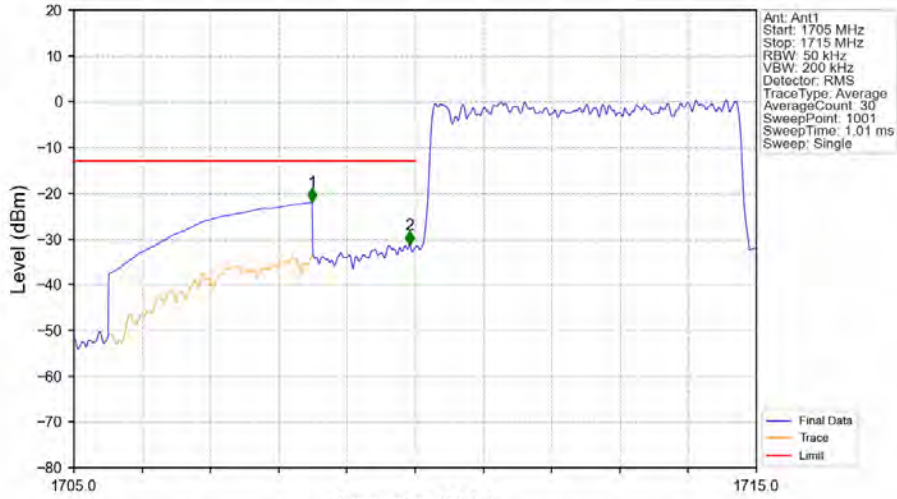
Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-21.99	-13	Pass
1709	1710	0.05	/	2	1709.920	-31.34	-13	Pass
1710	1715	0.05	/	/	/	/	/	/

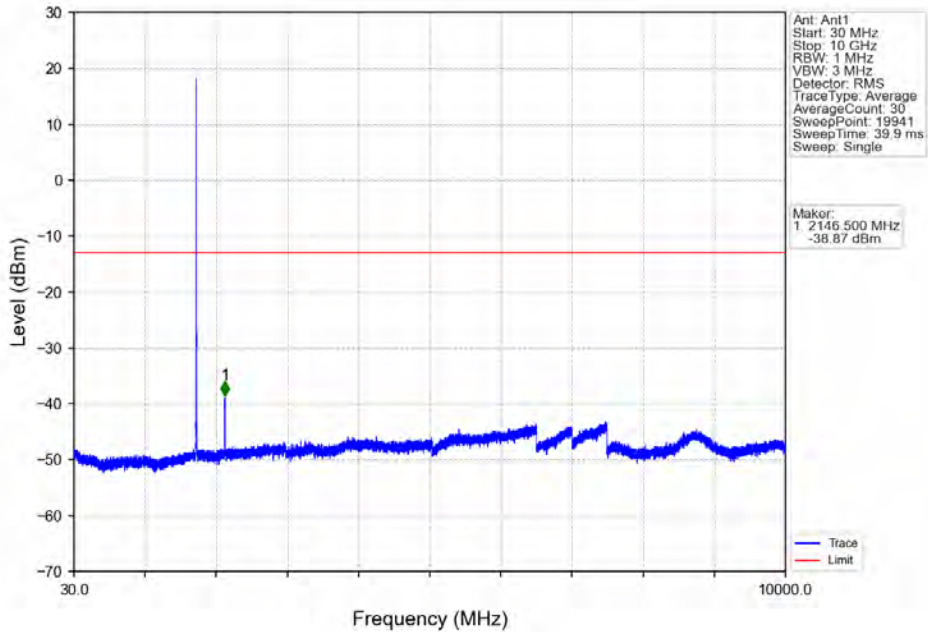


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Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



Band66\_5MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV

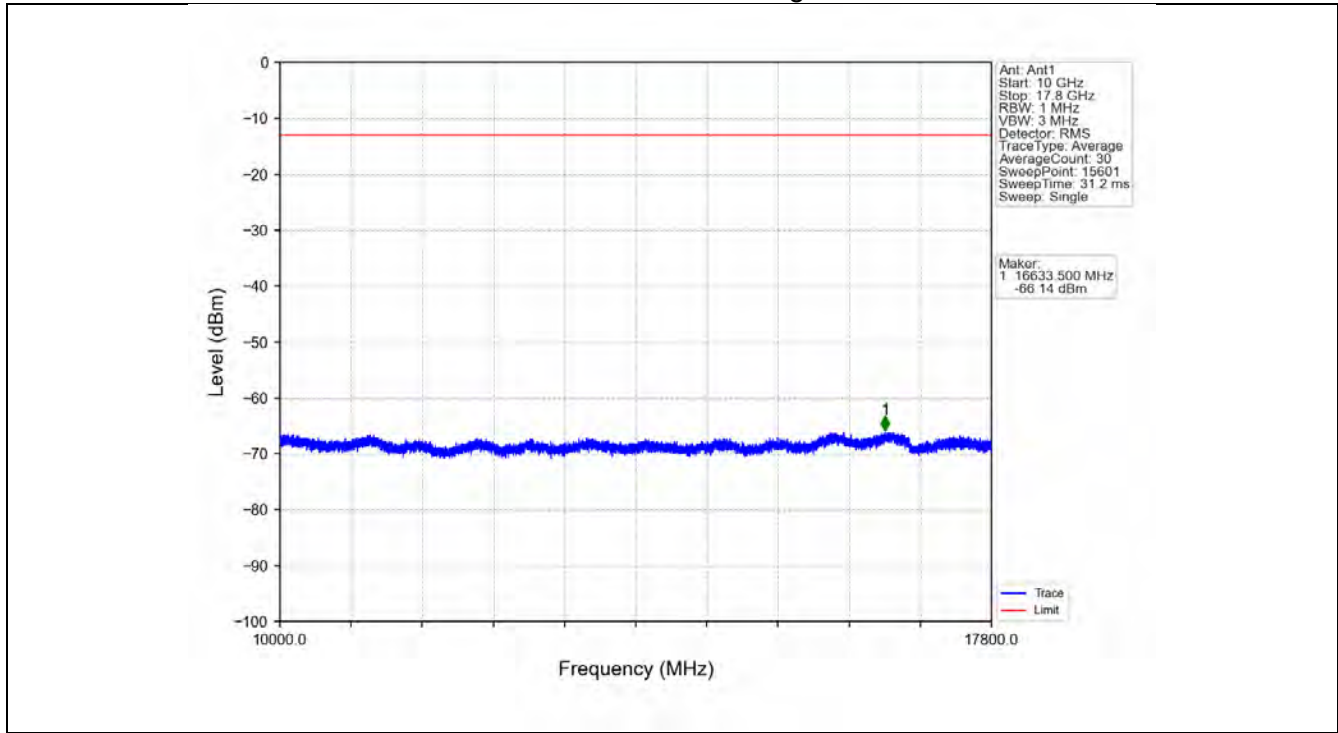


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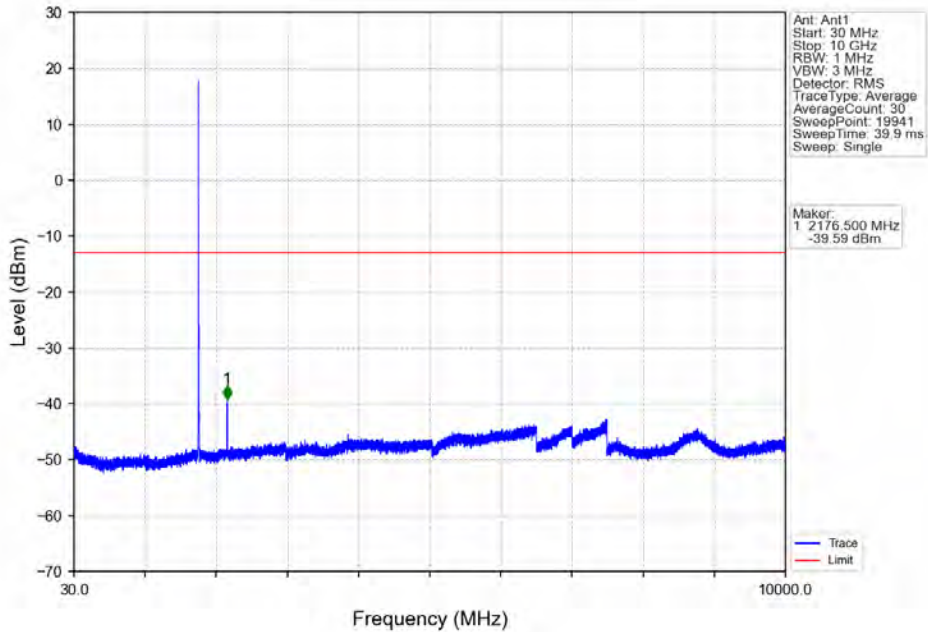




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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_0\_NTNV



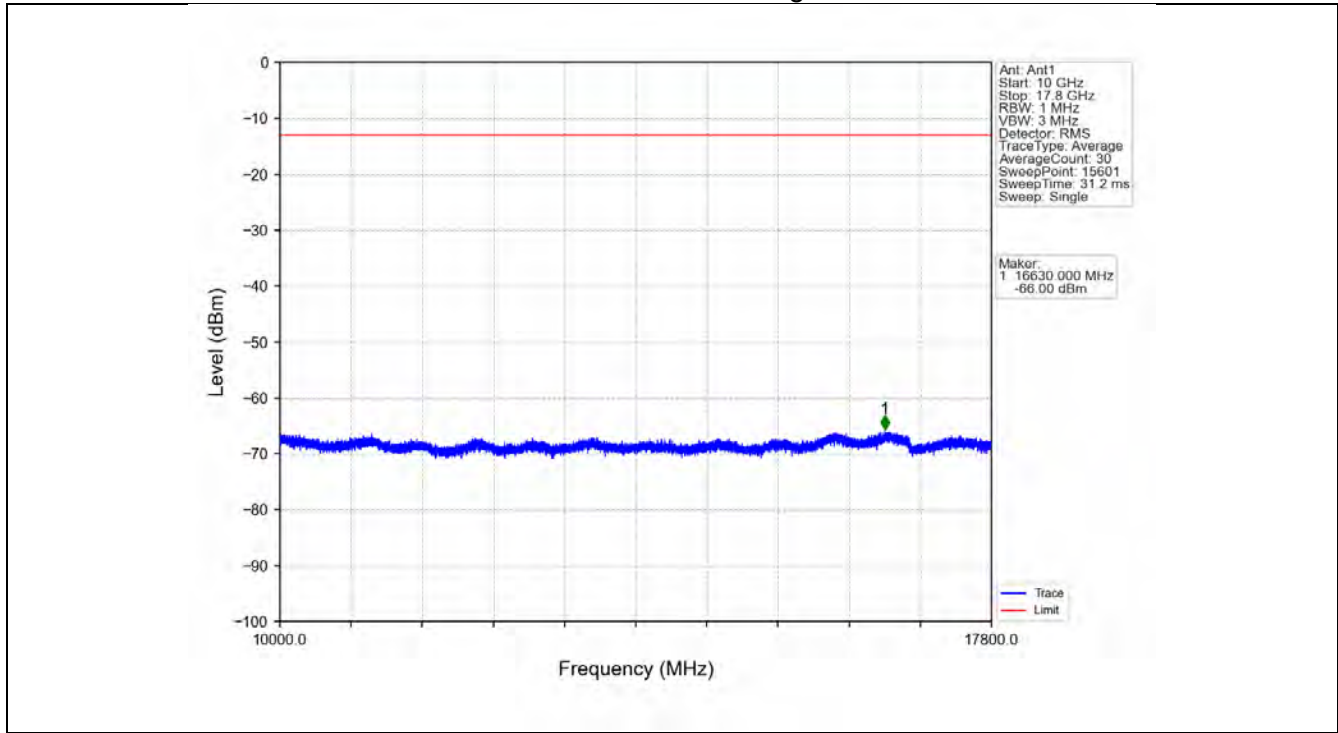
Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_0\_NTNV



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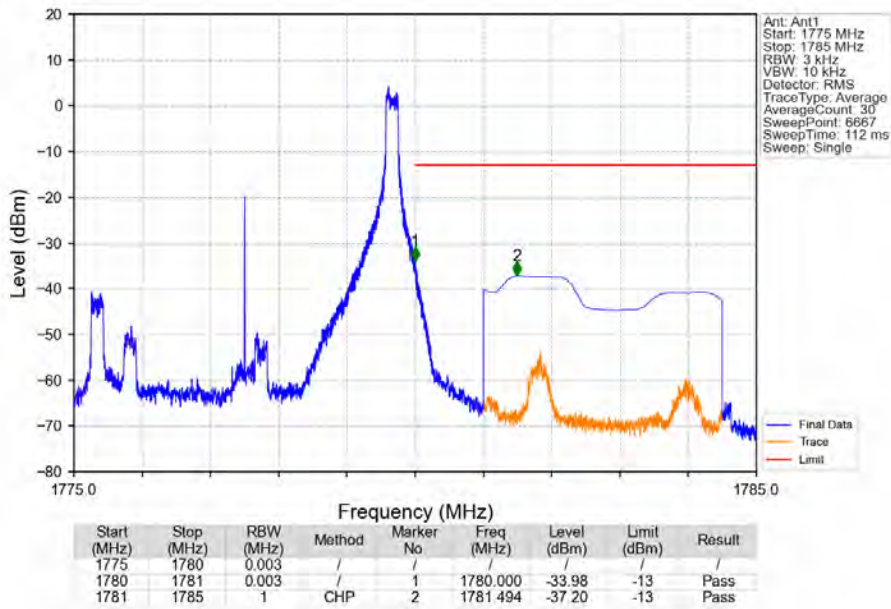
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Band66\_5MHz\_QPSK\_HCH\_1777.5MHz\_RB\_1\_24\_NTNV



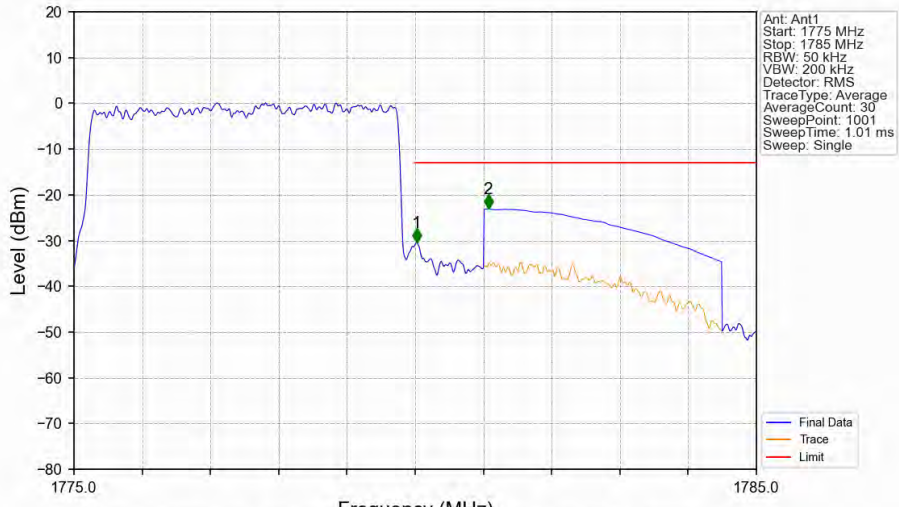
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.05	/	1	1780.020	-30.52	-13	Pass
1780	1781	0.05	/	1	1780.020	-30.52	-13	Pass
1781	1785	1	CHP	2	1781.070	-23.11	-13	Pass



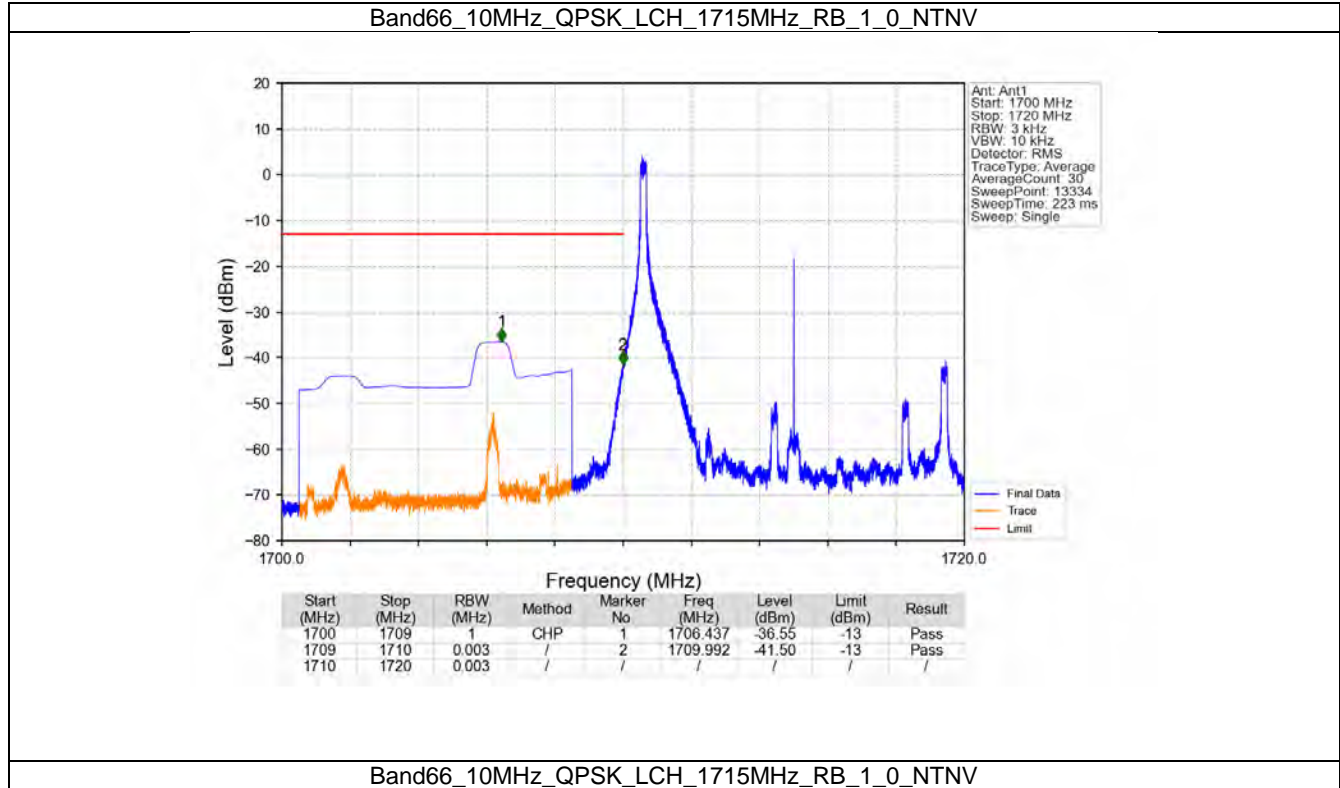
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5.4 B66\_10MHz

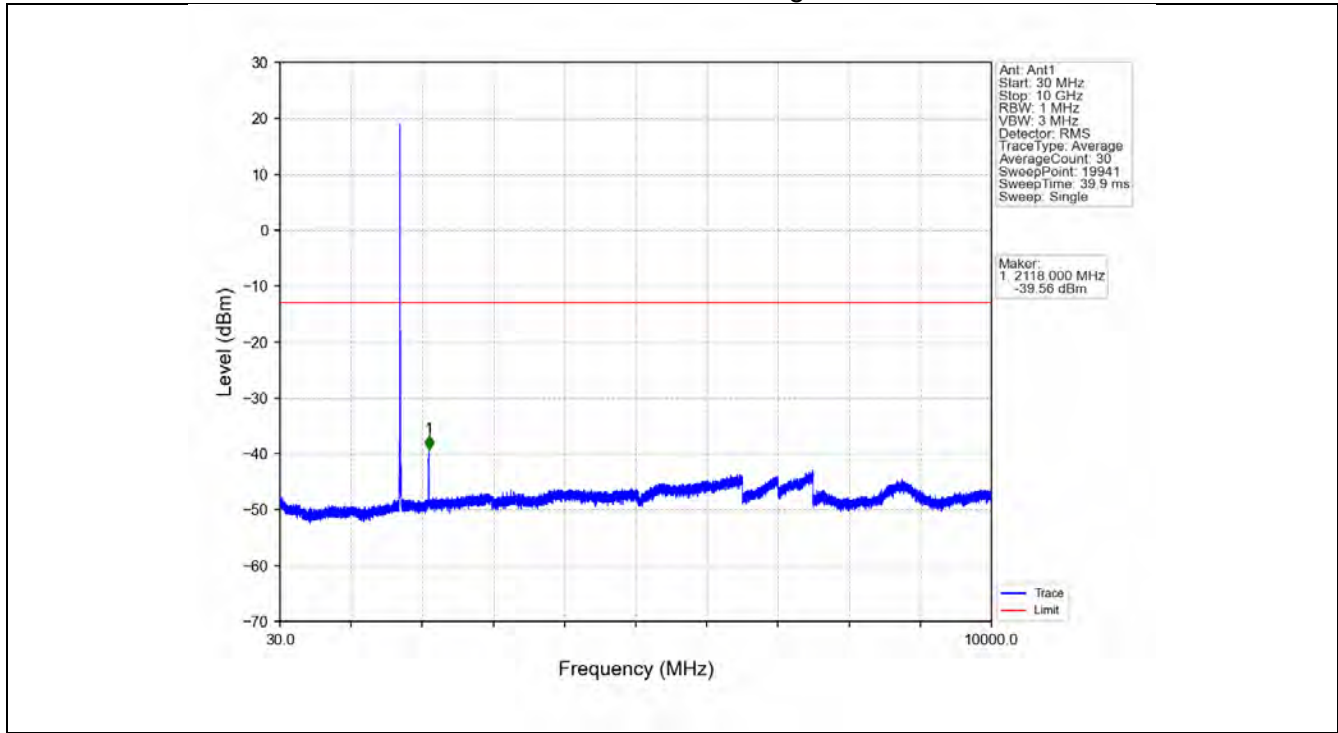
5.4.2 Test Graph



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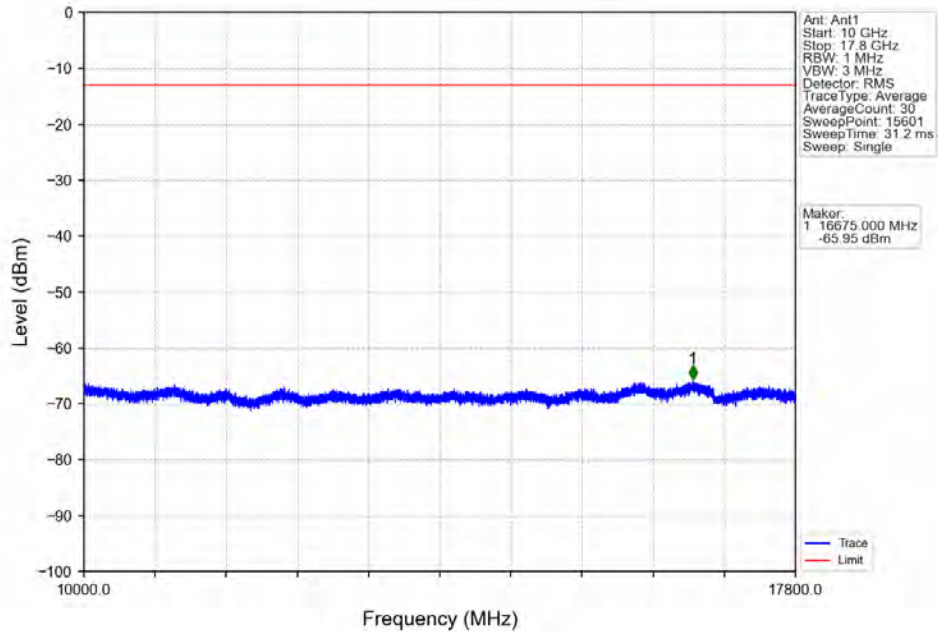


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Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV



Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

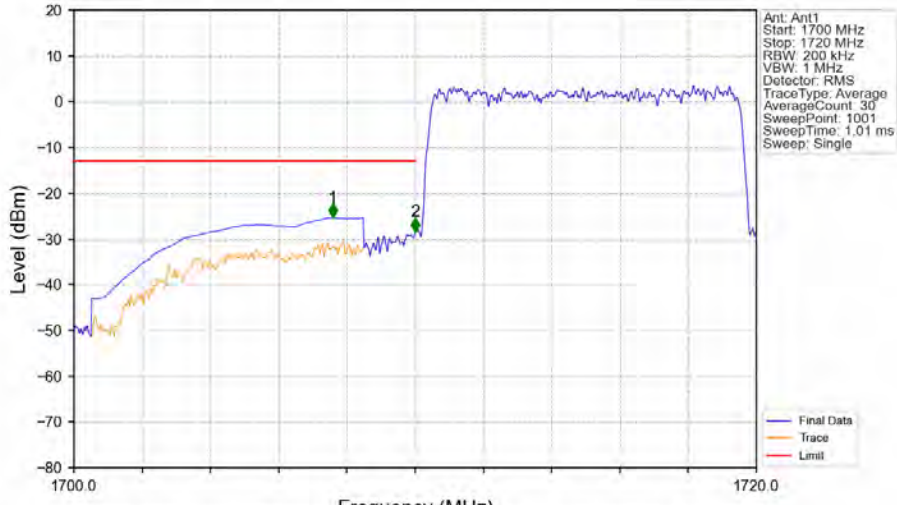


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1707.580	-25.35	-13	Pass
1709	1710	0.2	/	2	1710.000	-28.44	-13	Pass
1710	1720	0.2	/	/	/	/	/	/

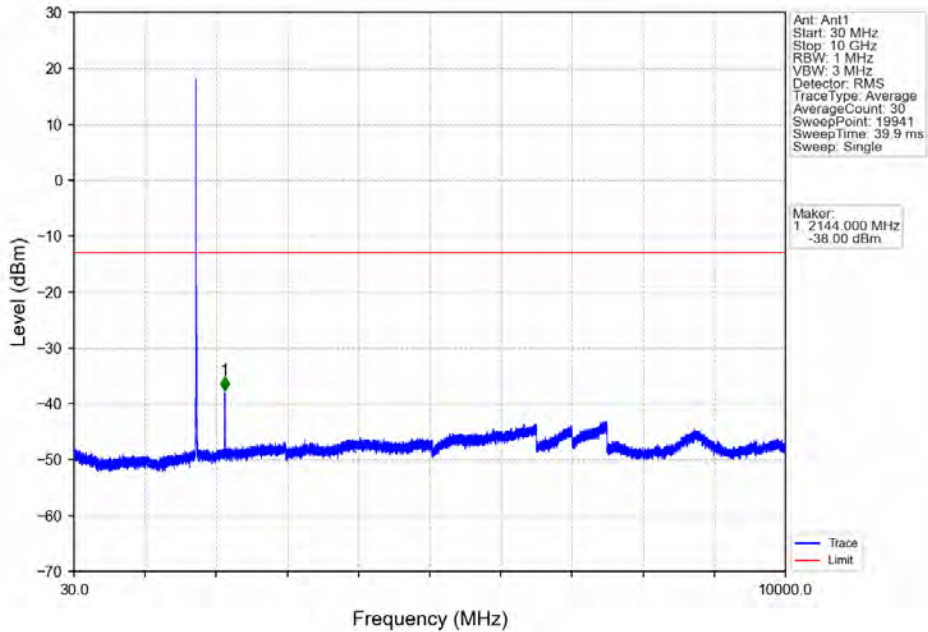


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Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



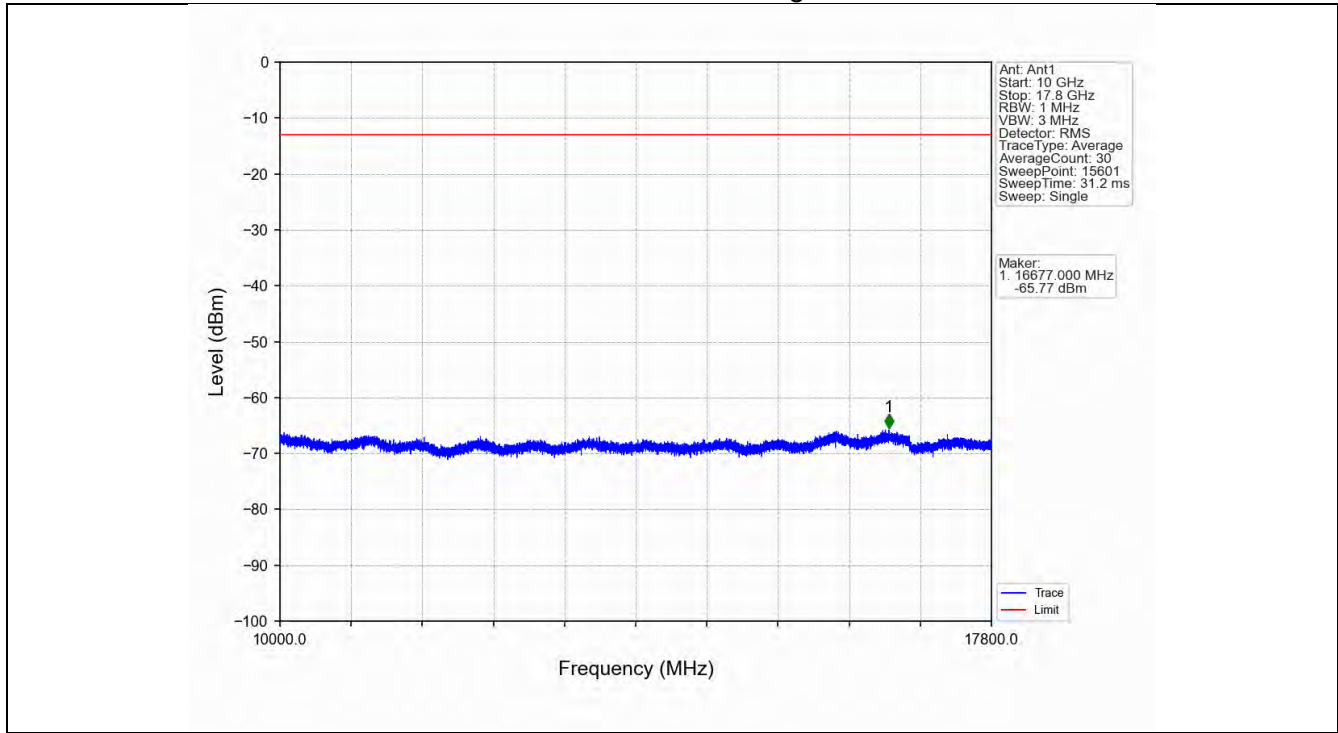
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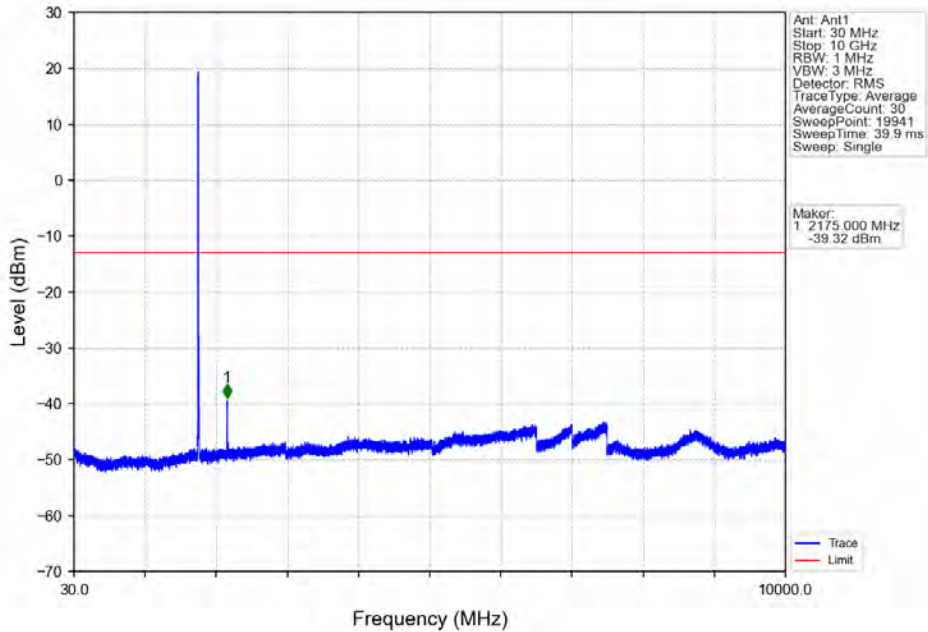


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Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_1\_0\_NTNV



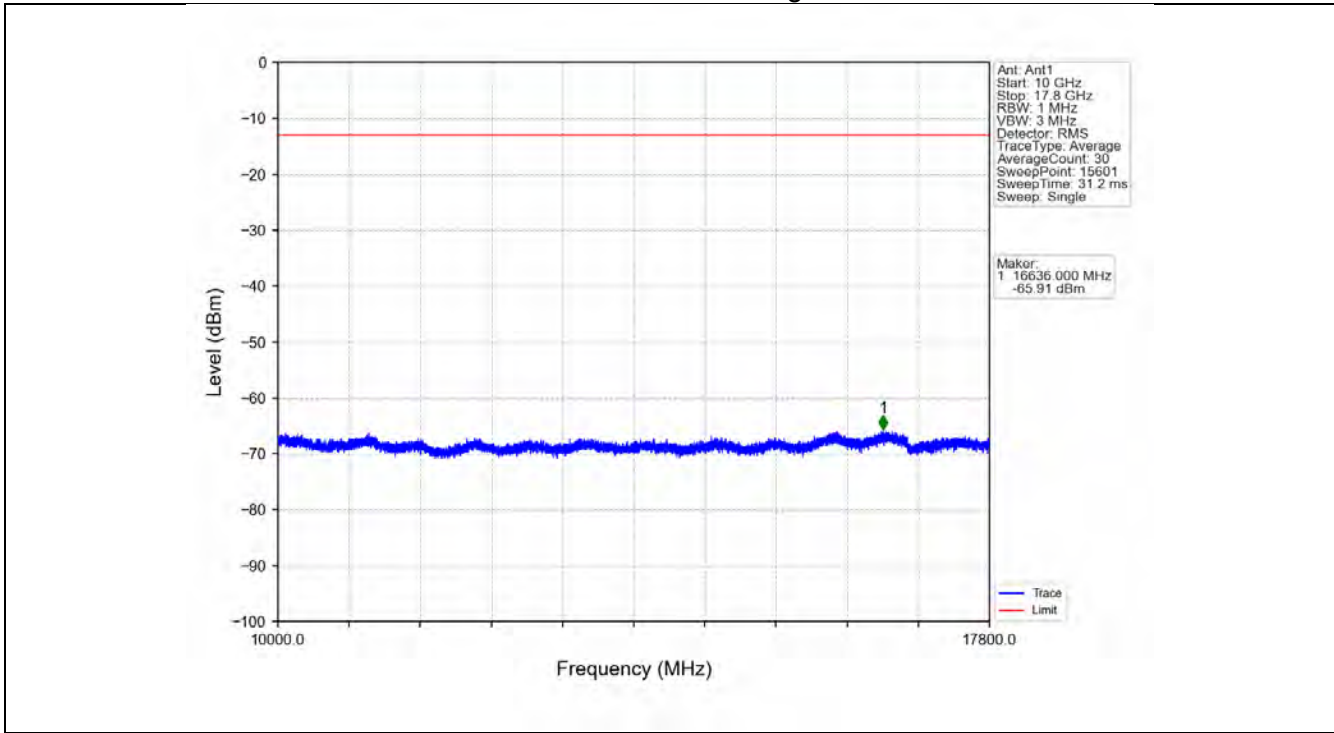
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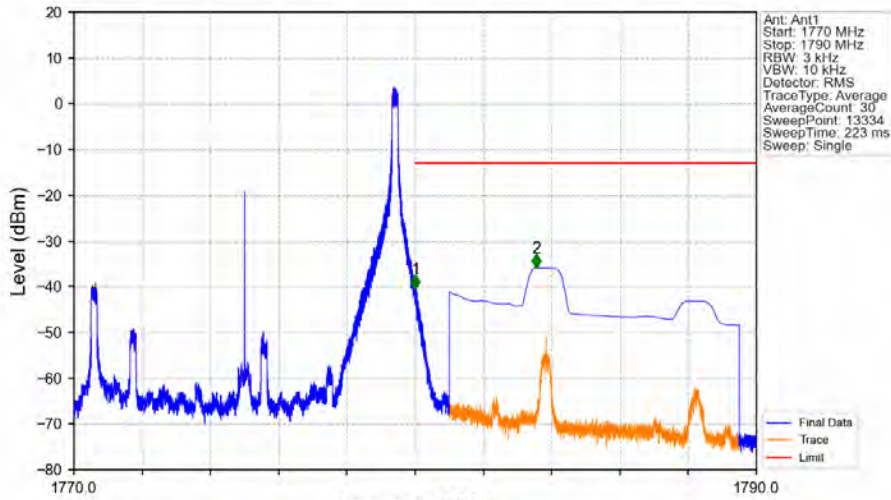
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Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	1	1780.004	-40.51	-13	Pass
1780	1790	1	CHP	2	1783.547	-35.95	-13	Pass

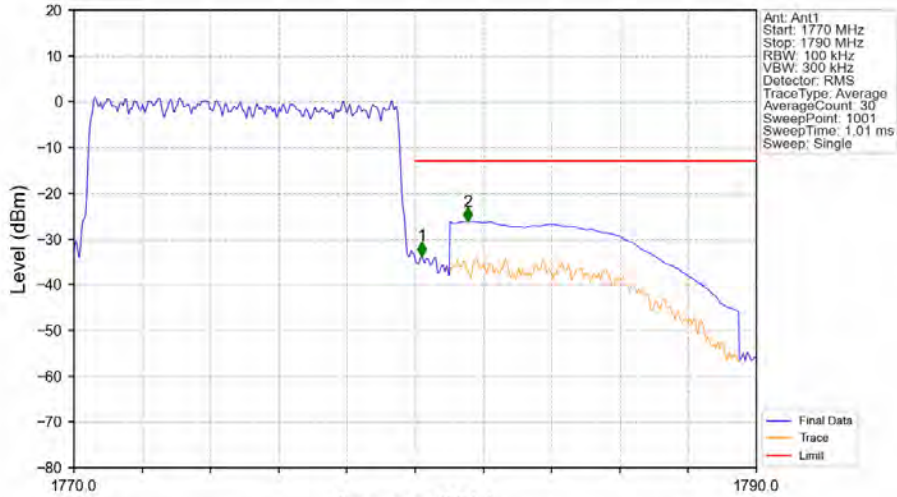
Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.200	-33.71	-13	Pass
1781	1790	1	CHP	2	1781.540	-26.16	-13	Pass



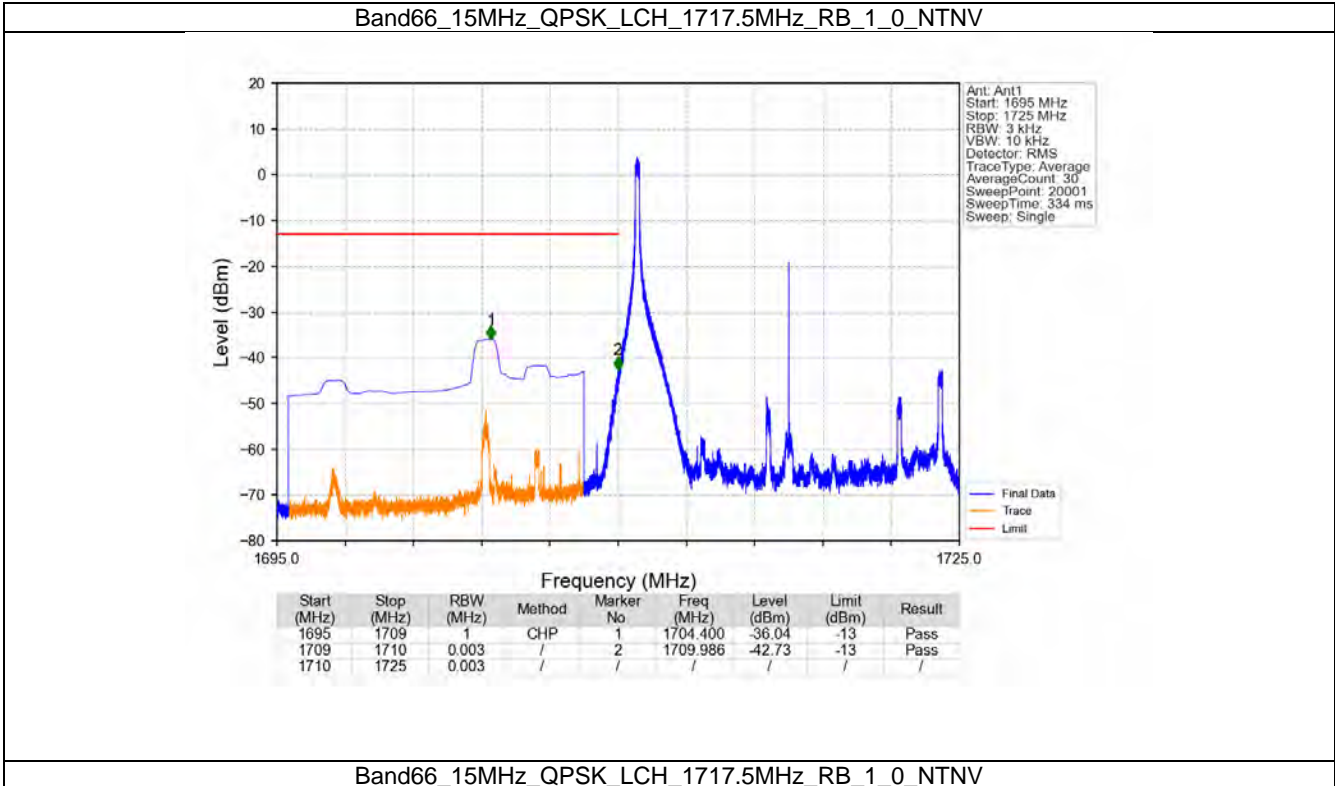
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5.5 B66\_15MHz

5.5.2 Test Graph

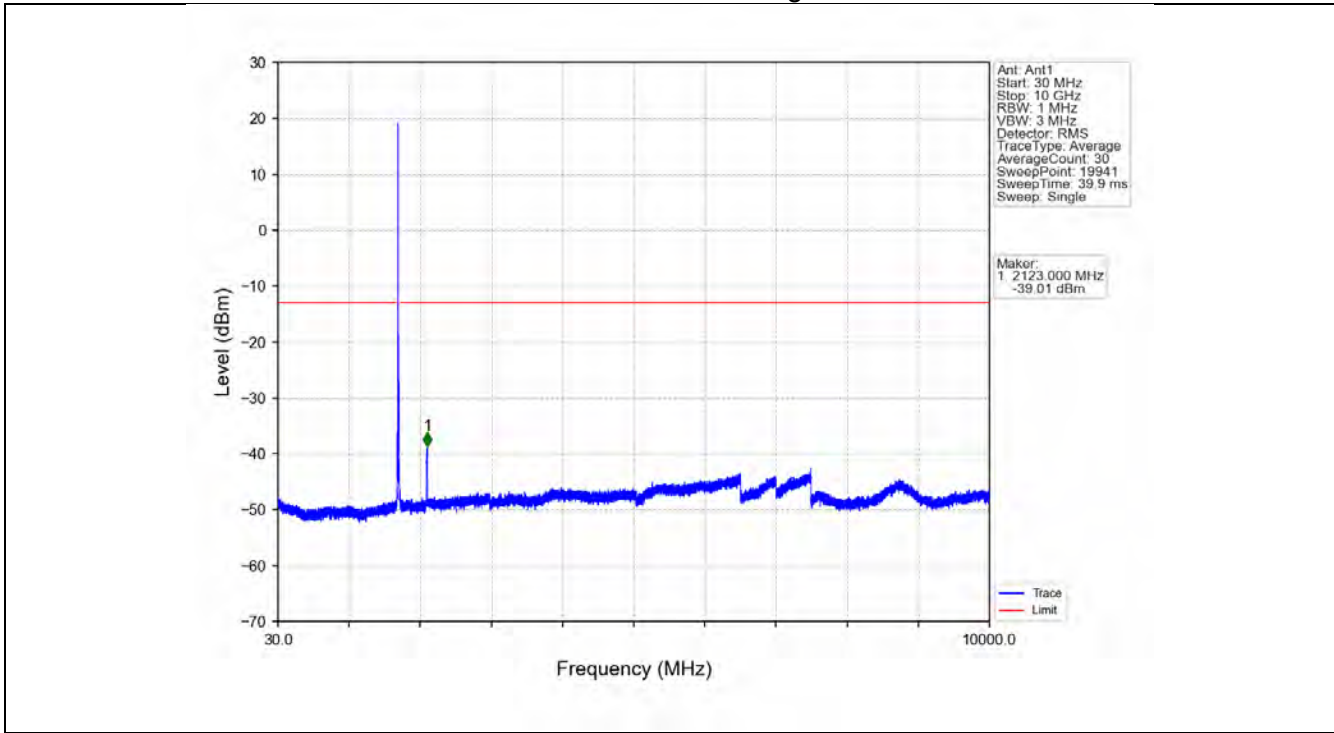


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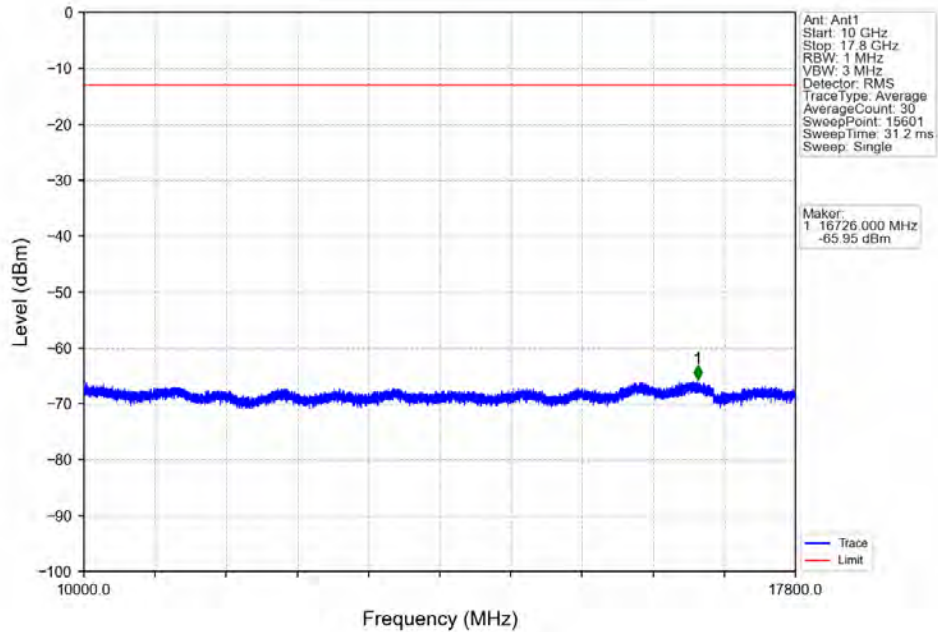


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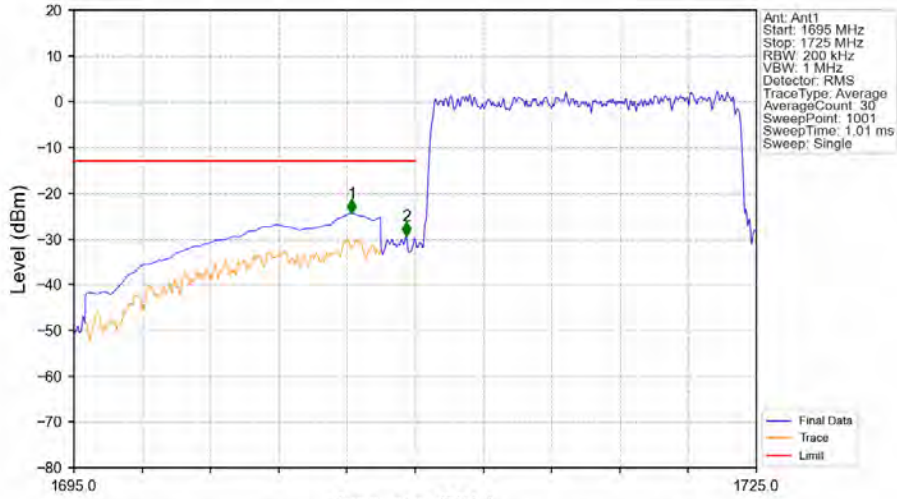
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.210	-24.39	-13	Pass
1709	1710	0.2	/	2	1709.610	-29.42	-13	Pass
1710	1725	0.2	/	/	/	/	/	/

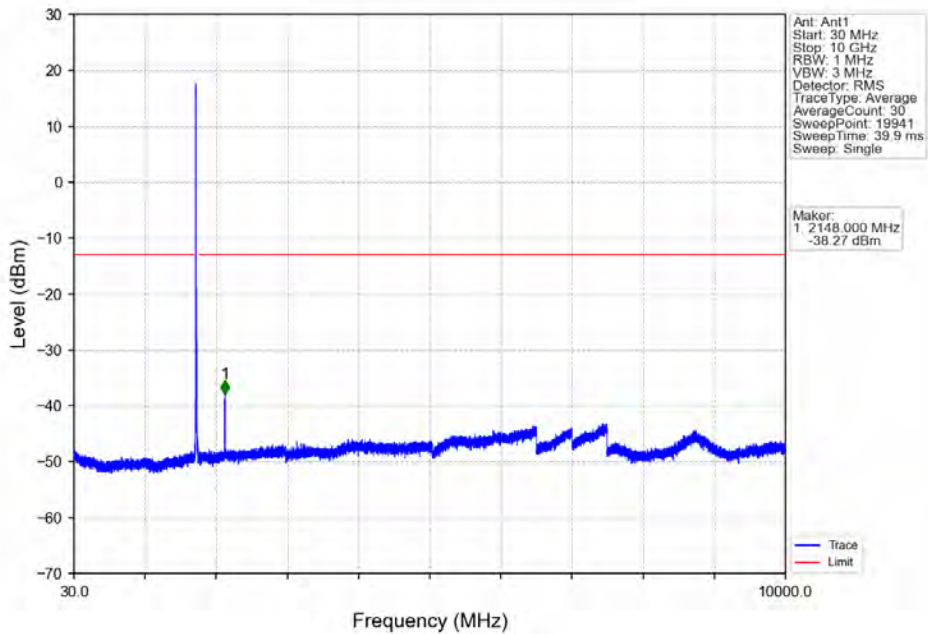


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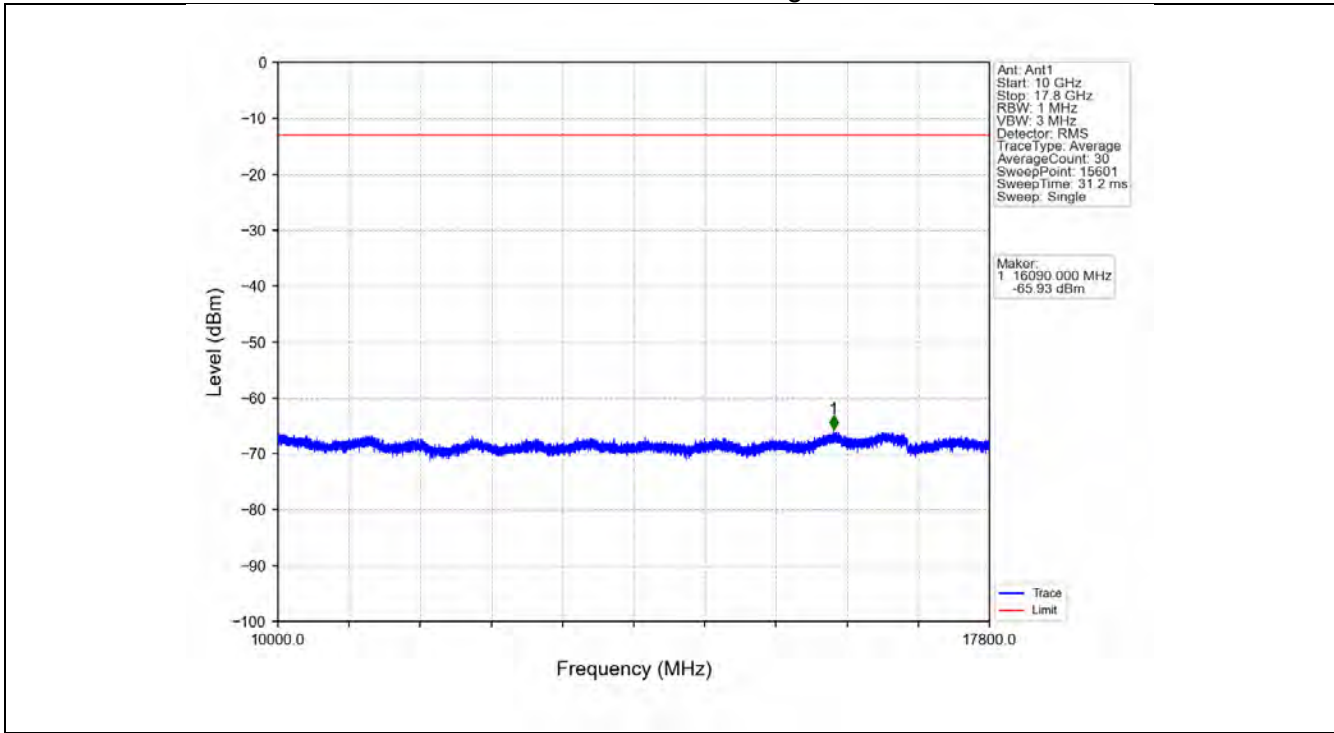
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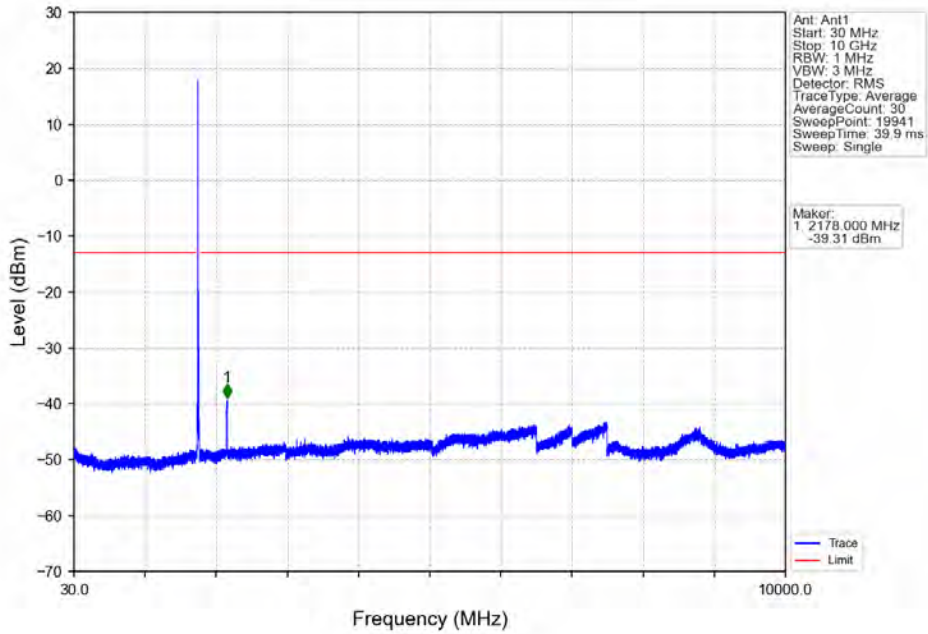
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Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_1\_0\_NTNV



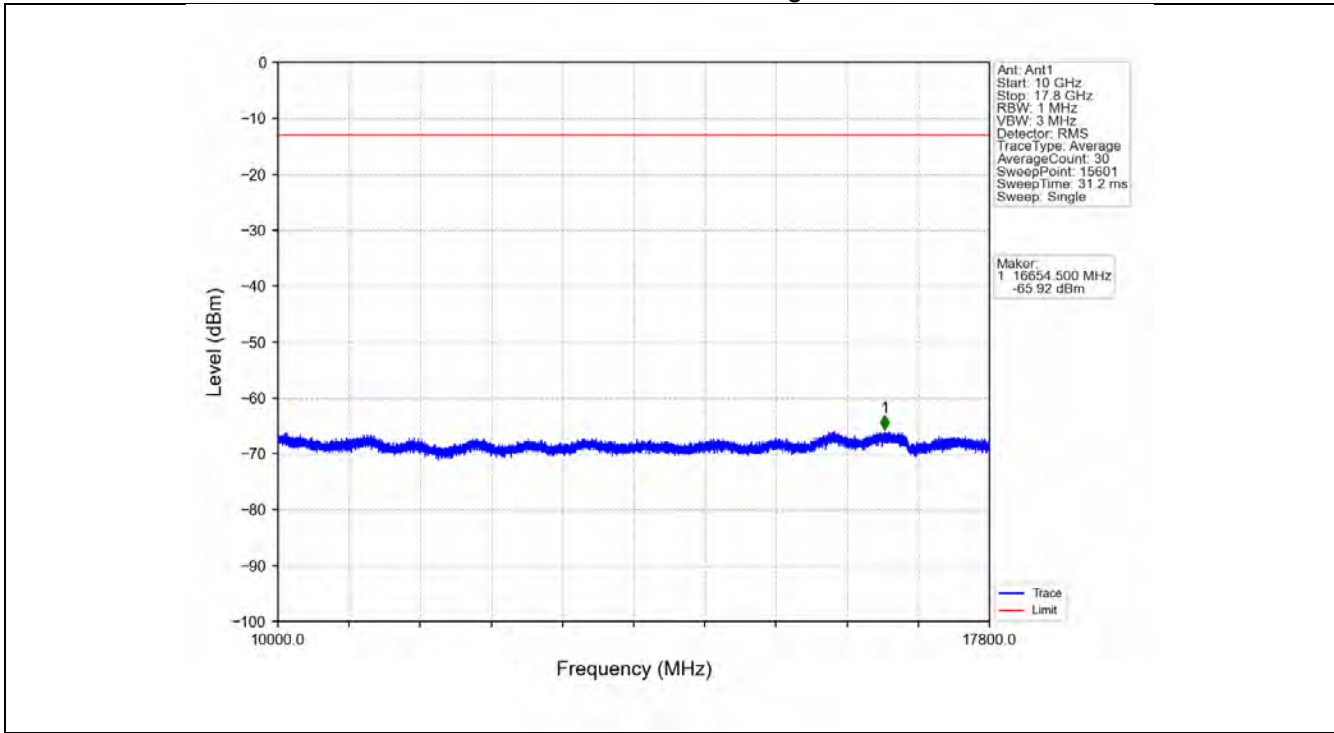
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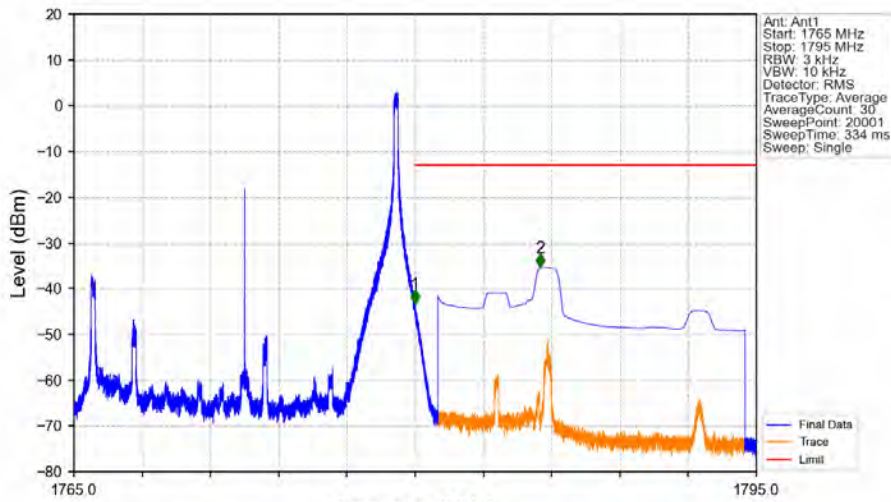
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Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_1\_74\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	1	1780.000	-43.26	-13	Pass
1780	1781	0.003	/	1	1780.000	-43.26	-13	Pass
1781	1795	1	CHP	2	1785.508	-35.35	-13	Pass

Band66\_15MHz\_QPSK\_HCH\_1772.5MHz\_RB\_75\_0\_NTNV

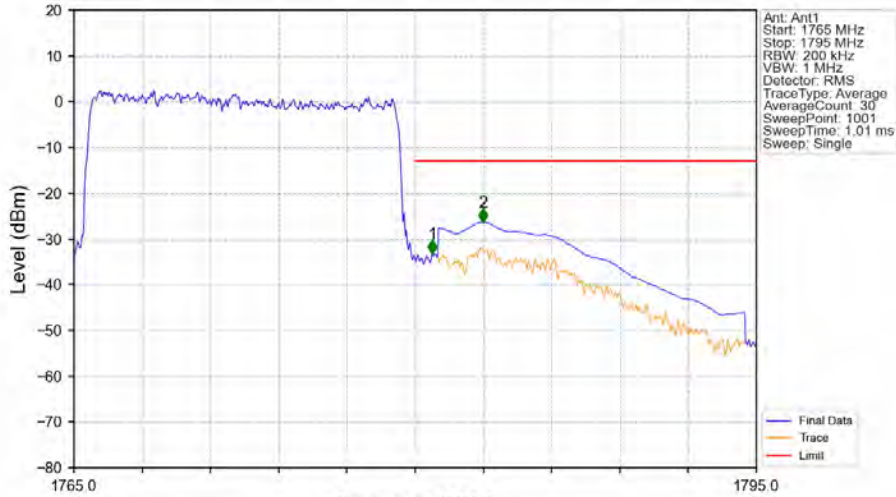


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.2	/	1	1780.750	-33.24	-13	Pass
1780	1781	0.2	/	1	1780.750	-33.24	-13	Pass
1781	1795	1	CHP	2	1782.970	-26.34	-13	Pass



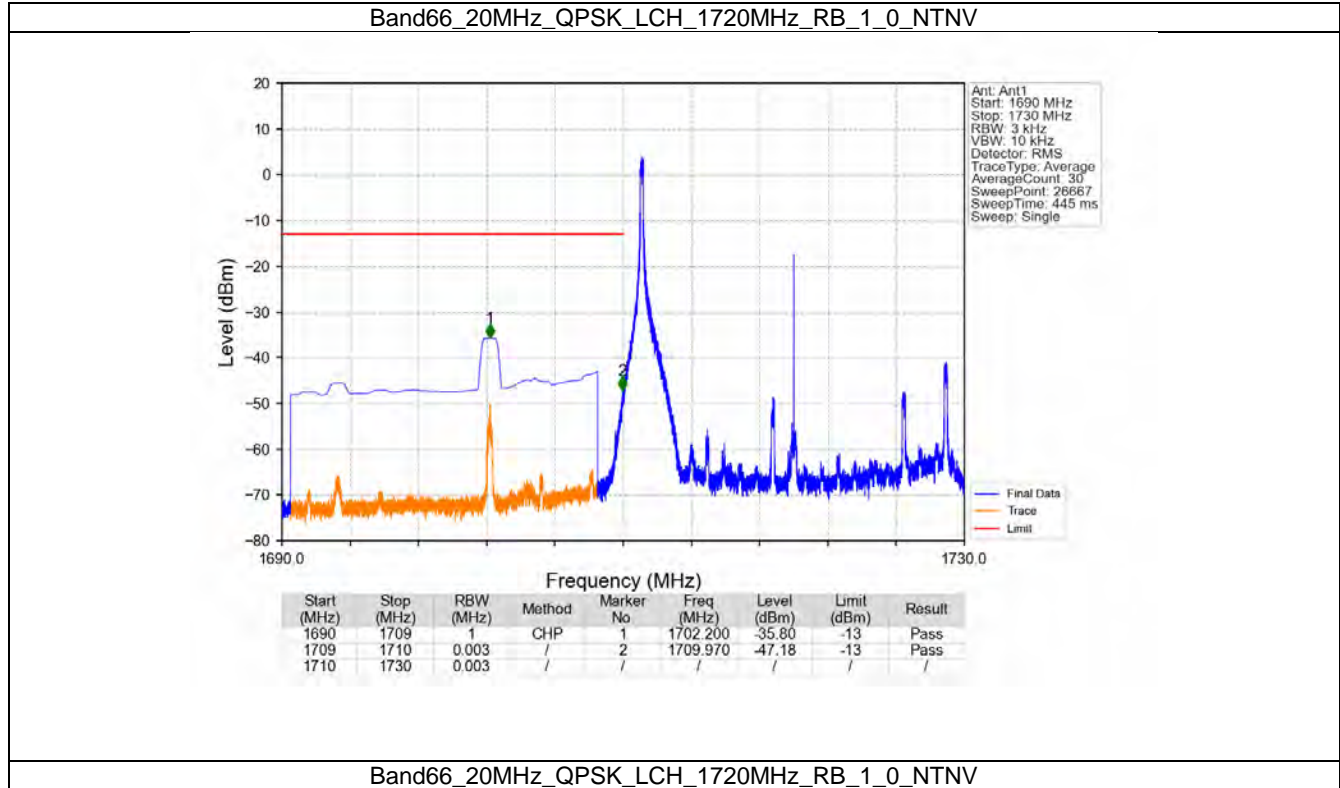
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5.6 B66\_20MHz

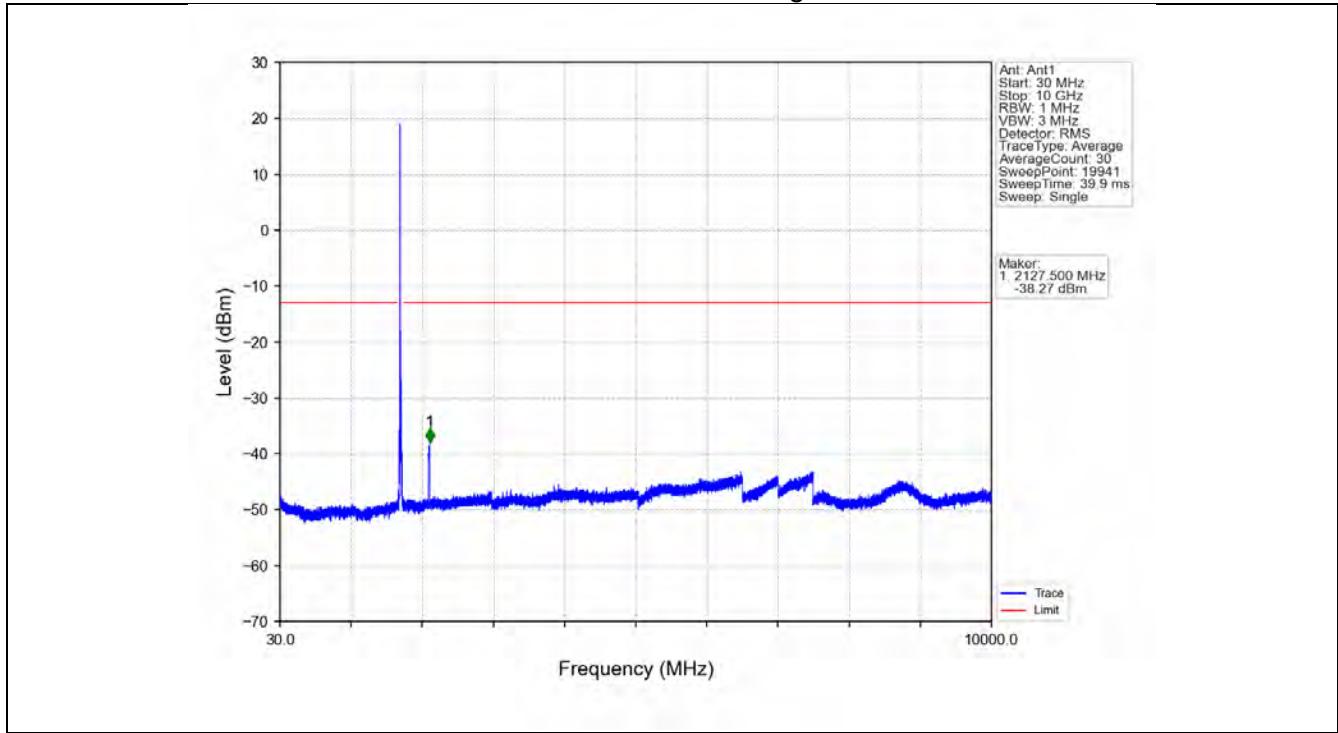
5.6.2 Test Graph



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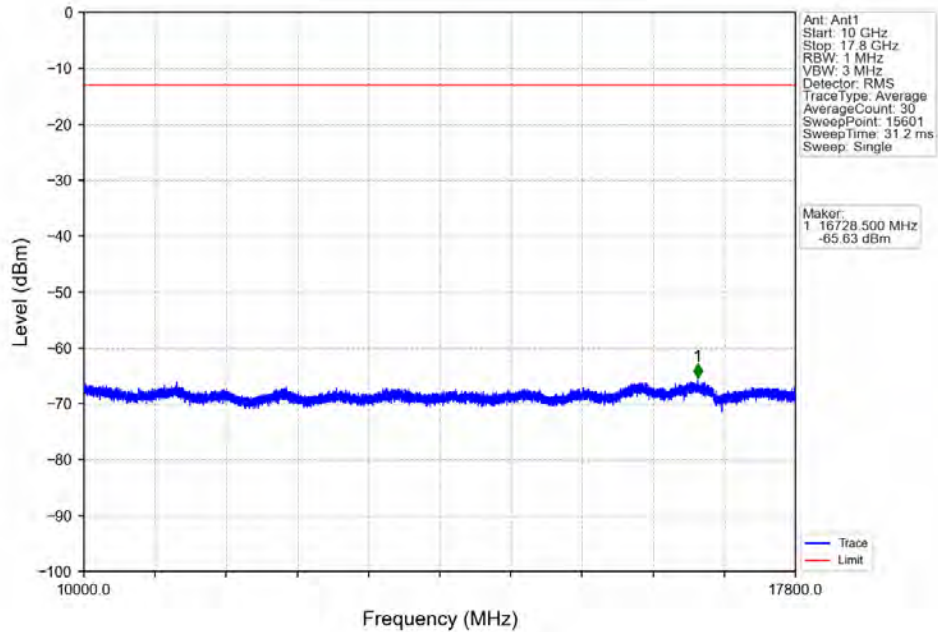


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Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_1\_0\_NTNV



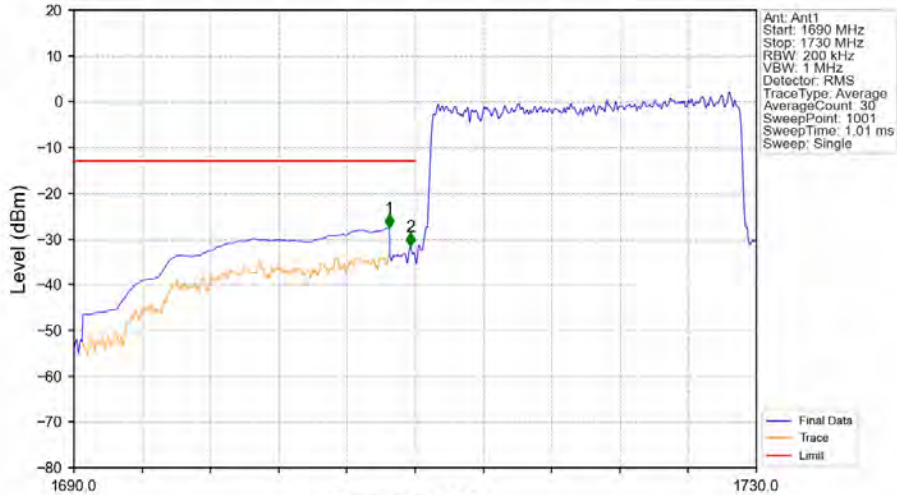
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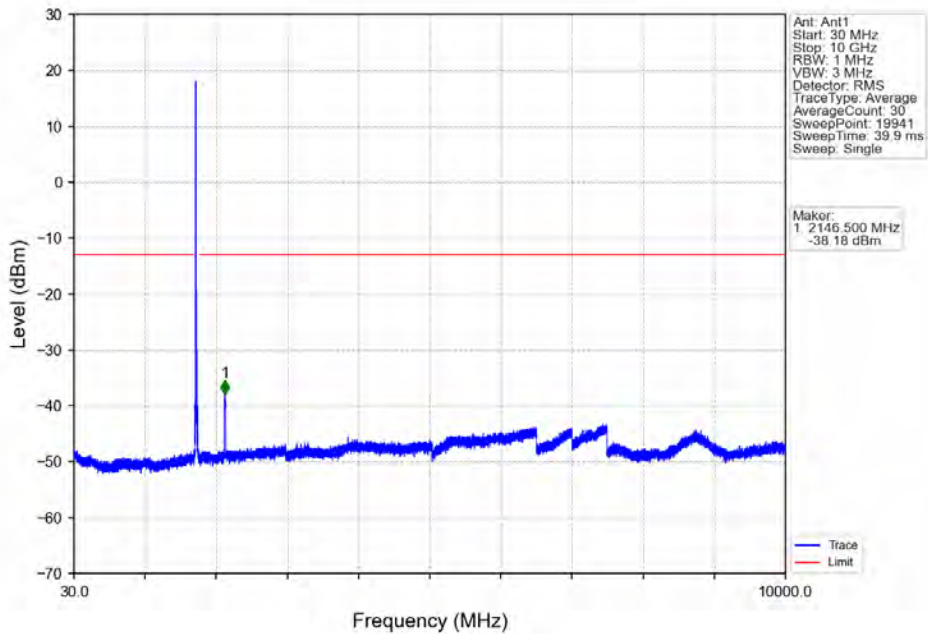
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-27.57	-13	Pass
1709	1710	0.2	/	2	1709.720	-31.74	-13	Pass
1710	1730	0.2	/	/	/	/	/	/



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Band66\_20MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



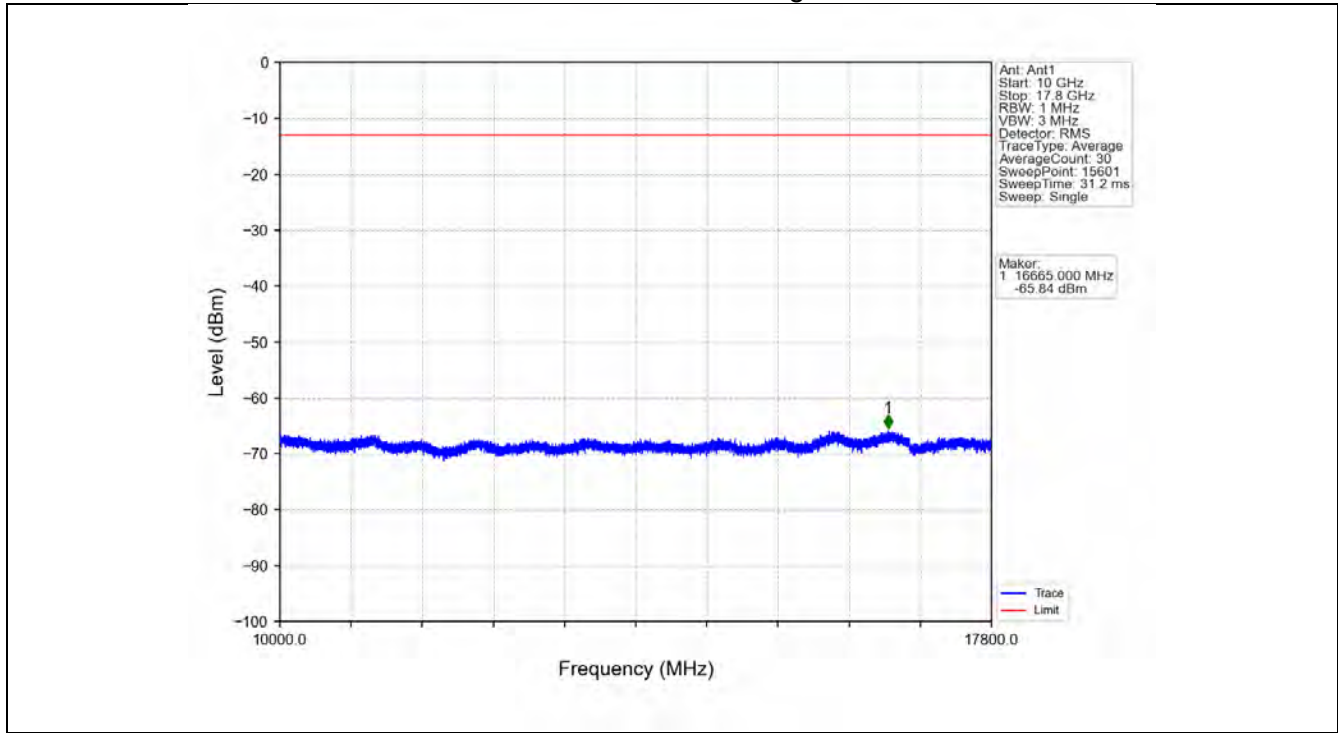
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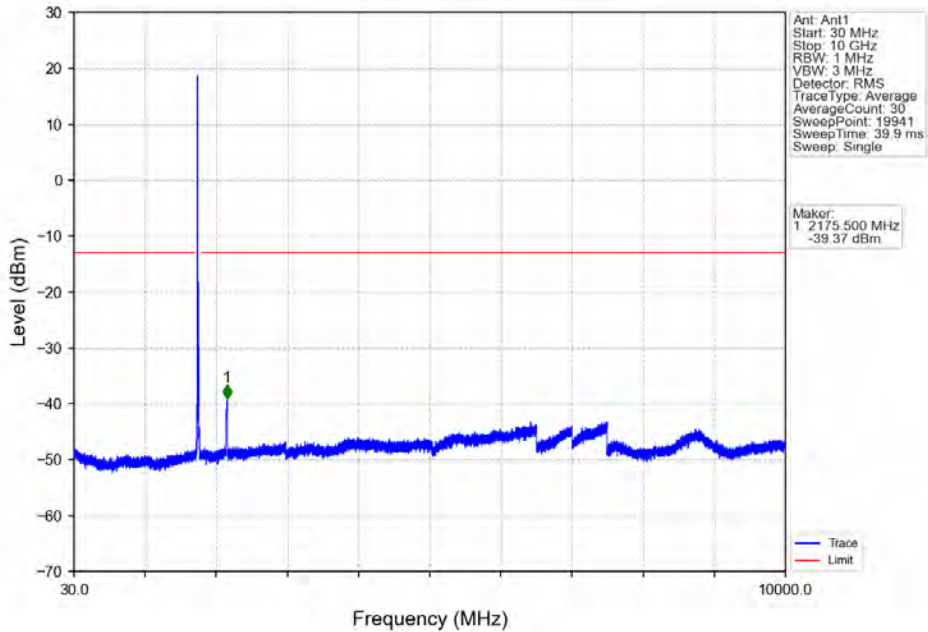
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Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_1\_0\_NTNV



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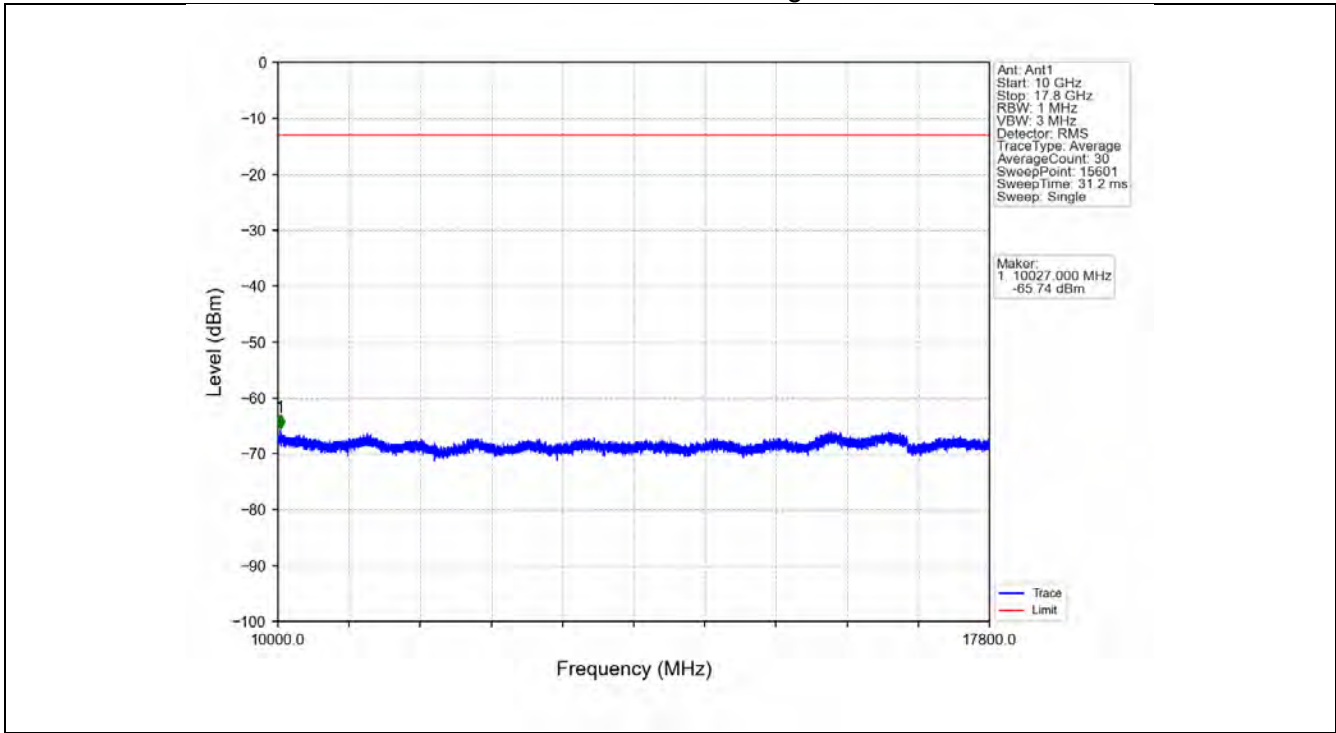


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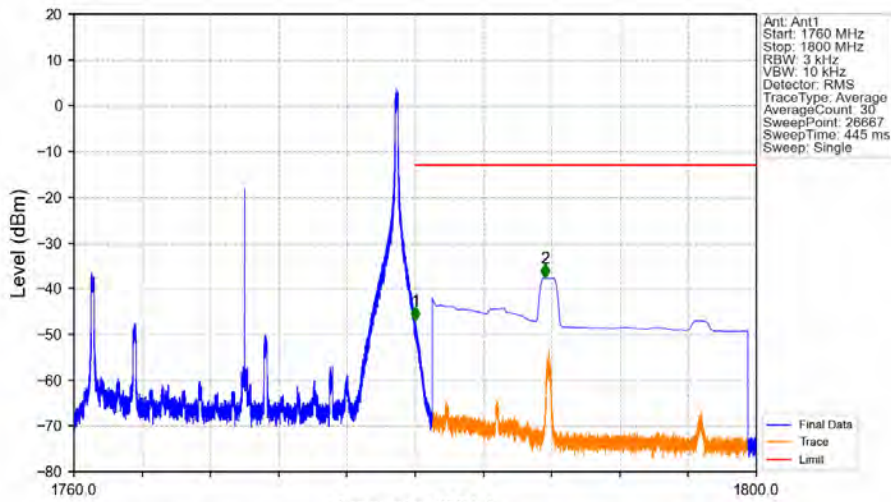


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Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	1	1780.006	-47.02	-13	Pass
1781	1800	1	CHP	2	1787.601	-37.70	-13	Pass

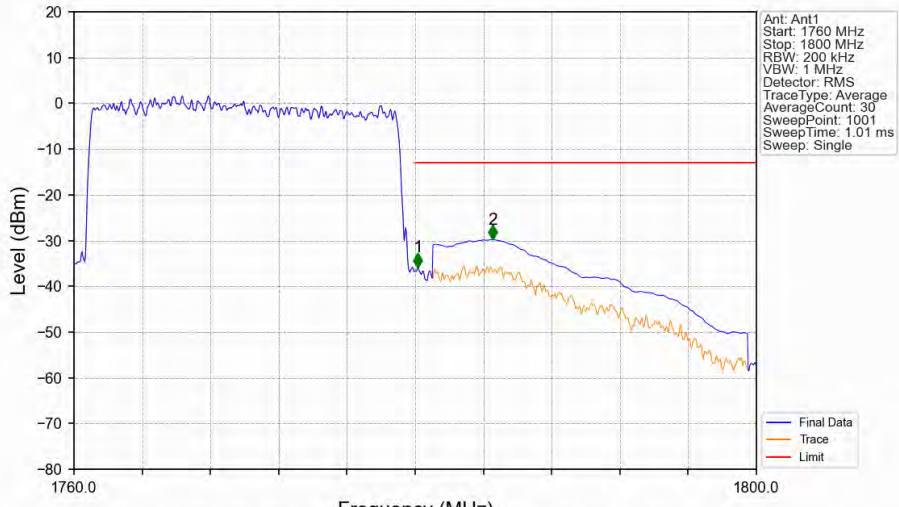
Band66\_20MHz\_QPSK\_HCH\_1770MHz\_RB\_100\_0\_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.2	/	1	1780.160	-35.81	-13	Pass
1780	1781	0.2	/	1	1780.160	-35.81	-13	Pass
1781	1800	1	CHP	2	1784.560	-29.76	-13	Pass



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### 6. Field Strength of Spurious Radiation

Test Band = LTE\_66  
 Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.2711	64.75	-50.15	29.71	-50.95	-13.00	37.95	Horizontal
2	5133.1067	58.58	-47.09	33.57	-50.20	-13.00	37.20	Horizontal
3	7107.9554	50.92	-43.84	36.93	-51.25	-13.00	38.25	Horizontal
4	9002.5501	49.85	-41.66	38.79	-48.28	-13.00	35.28	Horizontal
5	11912.6956	48.52	-37.91	39.49	-45.16	-13.00	32.16	Horizontal
6	17987.2494	50.55	-43.88	42.72	-45.87	-13.00	32.87	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.2711	59.71	-50.15	29.71	-55.99	-13.00	42.99	Vertical
2	5132.3566	55.17	-47.09	33.56	-53.62	-13.00	40.62	Vertical
3	7133.4567	50.82	-43.98	37.03	-51.39	-13.00	38.39	Vertical
4	8555.5278	53.87	-42.31	39.00	-44.70	-13.00	31.70	Vertical
5	11899.195	48.24	-37.73	39.50	-45.25	-13.00	32.25	Vertical
6	17986.4993	50.54	-43.86	42.72	-45.86	-13.00	32.86	Vertical



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Test Band = LTE\_66  
 Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5236	67.00	-49.63	29.69	-48.20	-13.00	35.20	Horizontal
2	5208.8604	57.91	-46.42	32.49	-51.28	-13.00	38.28	Horizontal
3	7107.9554	51.11	-43.84	36.93	-51.06	-13.00	38.06	Horizontal
4	9007.8004	49.61	-41.68	38.78	-48.55	-13.00	35.55	Horizontal
5	11921.6961	48.58	-38.05	39.48	-45.25	-13.00	32.25	Horizontal
6	17981.9991	50.14	-43.75	42.69	-46.18	-13.00	33.18	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.7736	61.00	-49.64	29.69	-54.21	-13.00	41.21	Vertical
2	5208.1104	57.05	-46.42	32.48	-52.15	-13.00	39.15	Vertical
3	7116.2058	50.83	-43.88	36.96	-51.35	-13.00	38.35	Vertical
4	8680.034	54.41	-42.70	38.18	-45.37	-13.00	32.37	Vertical
5	12334.2167	48.50	-38.15	39.67	-45.24	-13.00	32.24	Vertical
6	17996.2498	50.59	-44.10	42.78	-45.99	-13.00	32.99	Vertical



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Test Band = LTE\_66  
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5236	66.79	-49.63	29.69	-48.41	-13.00	35.41	Horizontal
2	5208.1104	60.83	-46.42	32.48	-48.37	-13.00	35.37	Horizontal
3	7478.4739	51.21	-43.33	36.64	-50.74	-13.00	37.74	Horizontal
4	8957.5479	50.27	-42.02	38.55	-48.46	-13.00	35.46	Horizontal
5	12199.21	48.39	-37.97	39.50	-45.34	-13.00	32.34	Horizontal
6	17931.7466	49.73	-42.98	42.39	-46.12	-13.00	33.12	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.7736	61.24	-49.64	29.69	-53.97	-13.00	40.97	Vertical
2	5208.8604	57.00	-46.42	32.49	-52.19	-13.00	39.19	Vertical
3	7476.2238	51.05	-43.35	36.65	-50.91	-13.00	37.91	Vertical
4	8680.784	55.01	-42.70	38.18	-44.77	-13.00	31.77	Vertical
5	11902.1951	48.08	-37.74	39.50	-45.42	-13.00	32.42	Vertical
6	17900.245	49.80	-42.98	42.20	-46.24	-13.00	33.24	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

- AF = Antenna Factor(dB/m)
- Factor = Cable Factor(dB) - Preamplifier (dB)
- Level = Reading Level + AF + Factor -95.26
- Margin = Limit – Level

---End of Attachment---



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