

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	814.7	1	0	21.90	-1.16	18.59	<=38.45	Pass		
			2	22.03	-1.16	18.72	<=38.45	Pass		
			5	21.90	-1.16	18.59	<=38.45	Pass		
		3	0	21.93	-1.16	18.62	<=38.45	Pass		
			2	21.95	-1.16	18.64	<=38.45	Pass		
			3	22.04	-1.16	18.73	<=38.45	Pass		
		6	0	21.00	-1.16	17.69	<=38.45	Pass		
		819	1	0	20.92	-1.16	17.61	<=38.45	Pass	
				2	20.82	-1.16	17.51	<=38.45	Pass	
	5			20.62	-1.16	17.31	<=38.45	Pass		
	3		0	21.96	-1.16	18.65	<=38.45	Pass		
			2	21.99	-1.16	18.68	<=38.45	Pass		
			3	21.93	-1.16	18.62	<=38.45	Pass		
	6	0	20.90	-1.16	17.59	<=38.45	Pass			
	823.3	1	0	21.81	-1.16	18.50	<=38.45	Pass		
			2	21.86	-1.16	18.55	<=38.45	Pass		
			5	21.76	-1.16	18.45	<=38.45	Pass		
		3	0	21.77	-1.16	18.46	<=38.45	Pass		
			2	21.94	-1.16	18.63	<=38.45	Pass		
			3	21.85	-1.16	18.54	<=38.45	Pass		
		6	0	20.83	-1.16	17.52	<=38.45	Pass		
		16QAM	814.7	1	0	20.93	-1.16	17.62	<=38.45	Pass
					2	21.21	-1.16	17.90	<=38.45	Pass
	5				20.97	-1.16	17.66	<=38.45	Pass	
3	0			21.06	-1.16	17.75	<=38.45	Pass		
	2			21.03	-1.16	17.72	<=38.45	Pass		
	3			21.02	-1.16	17.71	<=38.45	Pass		
6	0			21.00	-1.16	17.69	<=38.45	Pass		
819	1			0	20.94	-1.16	17.63	<=38.45	Pass	
				2	21.09	-1.16	17.78	<=38.45	Pass	
			5	20.87	-1.16	17.56	<=38.45	Pass		
	3		0	21.04	-1.16	17.73	<=38.45	Pass		
			2	20.88	-1.16	17.57	<=38.45	Pass		
			3	20.93	-1.16	17.62	<=38.45	Pass		
6	0		20.01	-1.16	16.70	<=38.45	Pass			
823.3	1		0	20.77	-1.16	17.46	<=38.45	Pass		
			2	20.57	-1.16	17.26	<=38.45	Pass		
			5	20.25	-1.16	16.94	<=38.45	Pass		
	3		0	20.27	-1.16	16.96	<=38.45	Pass		
			2	20.36	-1.16	17.05	<=38.45	Pass		
			3	20.48	-1.16	17.17	<=38.45	Pass		
	6		0	19.93	-1.16	16.62	<=38.45	Pass		
	Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B26a_3MHz_ERP

Band: 26a / Bandwidth: 3MHz / NTN								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	815.5	1	0	22.13	-1.16	18.82	<=38.45	Pass		
			7	22.16	-1.16	18.85	<=38.45	Pass		
			14	21.66	-1.16	18.35	<=38.45	Pass		
		8	0	20.51	-1.16	17.20	<=38.45	Pass		
			4	20.55	-1.16	17.24	<=38.45	Pass		
			7	20.50	-1.16	17.19	<=38.45	Pass		
		15	0	20.50	-1.16	17.19	<=38.45	Pass		
		819	1	0	21.49	-1.16	18.18	<=38.45	Pass	
				7	21.62	-1.16	18.31	<=38.45	Pass	
	14			21.39	-1.16	18.08	<=38.45	Pass		
	8		0	20.45	-1.16	17.14	<=38.45	Pass		
			4	20.48	-1.16	17.17	<=38.45	Pass		
			7	20.43	-1.16	17.12	<=38.45	Pass		
	15		0	20.46	-1.16	17.15	<=38.45	Pass		
	822.5		1	0	21.41	-1.16	18.10	<=38.45	Pass	
				7	21.60	-1.16	18.29	<=38.45	Pass	
		14		21.45	-1.16	18.14	<=38.45	Pass		
		8	0	20.42	-1.16	17.11	<=38.45	Pass		
			4	20.48	-1.16	17.17	<=38.45	Pass		
			7	20.44	-1.16	17.13	<=38.45	Pass		
		15	0	20.41	-1.16	17.10	<=38.45	Pass		
		16QAM	815.5	1	0	21.02	-1.16	17.71	<=38.45	Pass
					7	20.81	-1.16	17.50	<=38.45	Pass
	14				20.49	-1.16	17.18	<=38.45	Pass	
	8			0	19.68	-1.16	16.37	<=38.45	Pass	
				4	19.57	-1.16	16.26	<=38.45	Pass	
				7	19.58	-1.16	16.27	<=38.45	Pass	
15	0			19.58	-1.16	16.27	<=38.45	Pass		
819	1			0	20.50	-1.16	17.19	<=38.45	Pass	
				7	21.14	-1.16	17.83	<=38.45	Pass	
			14	20.58	-1.16	17.27	<=38.45	Pass		
	8		0	19.55	-1.16	16.24	<=38.45	Pass		
			4	19.69	-1.16	16.38	<=38.45	Pass		
			7	19.48	-1.16	16.17	<=38.45	Pass		
	15		0	19.54	-1.16	16.23	<=38.45	Pass		
	822.5		1	0	20.62	-1.16	17.31	<=38.45	Pass	
				7	20.60	-1.16	17.29	<=38.45	Pass	
14				20.91	-1.16	17.60	<=38.45	Pass		
8			0	19.48	-1.16	16.17	<=38.45	Pass		
			4	19.60	-1.16	16.29	<=38.45	Pass		
			7	19.65	-1.16	16.34	<=38.45	Pass		
15			0	19.44	-1.16	16.13	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	21.88	-1.16	18.57	<=38.45	Pass
			13	21.55	-1.16	18.24	<=38.45	Pass
			24	21.34	-1.16	18.03	<=38.45	Pass
		12	0	20.43	-1.16	17.12	<=38.45	Pass
			6	20.48	-1.16	17.17	<=38.45	Pass
			13	20.43	-1.16	17.12	<=38.45	Pass

16QAM	819	25	0	20.43	-1.16	17.12	<=38.45	Pass		
		1	0	21.33	-1.16	18.02	<=38.45	Pass		
			13	21.44	-1.16	18.13	<=38.45	Pass		
			24	21.30	-1.16	17.99	<=38.45	Pass		
			0	20.34	-1.16	17.03	<=38.45	Pass		
		12	6	20.44	-1.16	17.13	<=38.45	Pass		
			13	20.38	-1.16	17.07	<=38.45	Pass		
			25	0	20.39	-1.16	17.08	<=38.45	Pass	
		821.5	1	0	21.32	-1.16	18.01	<=38.45	Pass	
				13	21.42	-1.16	18.11	<=38.45	Pass	
				24	21.27	-1.16	17.96	<=38.45	Pass	
			12	0	20.34	-1.16	17.03	<=38.45	Pass	
	6			20.41	-1.16	17.10	<=38.45	Pass		
	13			20.34	-1.16	17.03	<=38.45	Pass		
	25		0	20.32	-1.16	17.01	<=38.45	Pass		
	16QAM		816.5	1	0	20.23	-1.16	16.92	<=38.45	Pass
					13	20.74	-1.16	17.43	<=38.45	Pass
		24			20.45	-1.16	17.14	<=38.45	Pass	
		12		0	19.47	-1.16	16.16	<=38.45	Pass	
				6	19.54	-1.16	16.23	<=38.45	Pass	
				13	19.42	-1.16	16.11	<=38.45	Pass	
		25		0	19.50	-1.16	16.19	<=38.45	Pass	
		819		1	0	20.42	-1.16	17.11	<=38.45	Pass
					13	20.33	-1.16	17.02	<=38.45	Pass
24			20.54		-1.16	17.23	<=38.45	Pass		
12			0	19.39	-1.16	16.08	<=38.45	Pass		
			6	19.48	-1.16	16.17	<=38.45	Pass		
			13	19.49	-1.16	16.18	<=38.45	Pass		
25			0	19.46	-1.16	16.15	<=38.45	Pass		
821.5			1	0	20.55	-1.16	17.24	<=38.45	Pass	
				13	20.53	-1.16	17.22	<=38.45	Pass	
		24		20.12	-1.16	16.81	<=38.45	Pass		
		12	0	19.41	-1.16	16.10	<=38.45	Pass		
			6	19.46	-1.16	16.15	<=38.45	Pass		
			13	19.37	-1.16	16.06	<=38.45	Pass		
		25	0	19.36	-1.16	16.05	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26a_10MHz_ERP

Band: 26a / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	21.85	-1.16	18.54	<=38.45	Pass
			25	22.07	-1.16	18.76	<=38.45	Pass
			49	21.84	-1.16	18.53	<=38.45	Pass
		25	0	20.95	-1.16	17.64	<=38.45	Pass
			13	20.94	-1.16	17.63	<=38.45	Pass
			25	20.92	-1.16	17.61	<=38.45	Pass
		50	0	20.94	-1.16	17.63	<=38.45	Pass
16QAM	819	1	0	21.01	-1.16	17.70	<=38.45	Pass
			25	21.13	-1.16	17.82	<=38.45	Pass
			49	21.32	-1.16	18.01	<=38.45	Pass
		25	0	20.00	-1.16	16.69	<=38.45	Pass
			13	20.10	-1.16	16.79	<=38.45	Pass
			25	20.01	-1.16	16.70	<=38.45	Pass
		50	0	20.00	-1.16	16.69	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_1.4MHz

Band: 26a / 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	814.7	6	0	20	3.27	-11.859	-0.0146	-2.5 to 2.5	Pass	
					3.85	-6.223	-0.0076	-2.5 to 2.5	Pass	
					4.43	-8.998	-0.0110	-2.5 to 2.5	Pass	
				-30	3.85	-9.456	-0.0116	-2.5 to 2.5	Pass	
					-20	3.85	-2.589	-0.0032	-2.5 to 2.5	Pass
						-10	3.85	-3.977	-0.0049	-2.5 to 2.5
				0	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass	
					10	3.85	-4.478	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0010	-2.5 to 2.5	Pass	
	40	3.85	0.672	0.0008	-2.5 to 2.5	Pass				
	50	3.85	0.272	0.0003	-2.5 to 2.5	Pass				
	819	6	0	20	3.27	-2.518	-0.0031	-2.5 to 2.5	Pass	
					3.85	-7.267	-0.0089	-2.5 to 2.5	Pass	
					4.43	-9.971	-0.0122	-2.5 to 2.5	Pass	
				-30	3.85	-7.367	-0.0090	-2.5 to 2.5	Pass	
					-20	3.85	-4.621	-0.0056	-2.5 to 2.5	Pass
						-10	3.85	-2.189	-0.0027	-2.5 to 2.5
				0	3.85	-6.852	-0.0084	-2.5 to 2.5	Pass	
					10	3.85	-5.050	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0045	-2.5 to 2.5	Pass	
	40	3.85	-2.460	-0.0030	-2.5 to 2.5	Pass				
	50	3.85	0.644	0.0008	-2.5 to 2.5	Pass				
	823.3	6	0	20	3.27	-7.052	-0.0086	-2.5 to 2.5	Pass	
					3.85	-8.326	-0.0101	-2.5 to 2.5	Pass	
					4.43	-8.397	-0.0102	-2.5 to 2.5	Pass	
				-30	3.85	-7.482	-0.0091	-2.5 to 2.5	Pass	
					-20	3.85	-5.078	-0.0062	-2.5 to 2.5	Pass
-10						3.85	-7.052	-0.0086	-2.5 to 2.5	Pass
0				3.85	-2.918	-0.0035	-2.5 to 2.5	Pass		
				10	3.85	-6.938	-0.0084	-2.5 to 2.5	Pass	
30				3.85	-6.752	-0.0082	-2.5 to 2.5	Pass		
40	3.85	-4.220	-0.0051	-2.5 to 2.5	Pass					
50	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass					
16QAM	814.7	6	0	20	3.27	-3.047	-0.0037	-2.5 to 2.5	Pass	
					3.85	-0.458	-0.0006	-2.5 to 2.5	Pass	
					4.43	-5.064	-0.0062	-2.5 to 2.5	Pass	
				-30	3.85	-2.217	-0.0027	-2.5 to 2.5	Pass	
					-20	3.85	-7.281	-0.0089	-2.5 to 2.5	Pass
						-10	3.85	-8.354	-0.0103	-2.5 to 2.5
				0	3.85	-11.001	-0.0135	-2.5 to 2.5	Pass	
					10	3.85	-9.313	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-10.114	-0.0124	-2.5 to 2.5	Pass	
	40	3.85	-6.852	-0.0084	-2.5 to 2.5	Pass				
	50	3.85	-5.136	-0.0063	-2.5 to 2.5	Pass				
	819	6	0	20	3.27	-7.238	-0.0088	-2.5 to 2.5	Pass	

					3.85	-4.249	-0.0052	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0070	-2.5 to 2.5	Pass
					-30	3.85	-6.251	-0.0076	-2.5 to 2.5
				-20	3.85	-10.085	-0.0123	-2.5 to 2.5	Pass
				-10	3.85	-8.440	-0.0103	-2.5 to 2.5	Pass
				0	3.85	-11.144	-0.0136	-2.5 to 2.5	Pass
				10	3.85	-9.313	-0.0114	-2.5 to 2.5	Pass
				30	3.85	-9.069	-0.0111	-2.5 to 2.5	Pass
				40	3.85	-8.211	-0.0100	-2.5 to 2.5	Pass
	50	3.85	-7.124	-0.0087	-2.5 to 2.5	Pass			
	823.3	6	0	20	3.27	-5.364	-0.0065	-2.5 to 2.5	Pass
					3.85	-7.353	-0.0089	-2.5 to 2.5	Pass
					4.43	-5.078	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-8.168	-0.0099	-2.5 to 2.5	Pass
				-20	3.85	-5.994	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-5.507	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0072	-2.5 to 2.5	Pass
30				3.85	-3.433	-0.0042	-2.5 to 2.5	Pass	
40	3.85	-6.366	-0.0077	-2.5 to 2.5	Pass				
50	3.85	-7.496	-0.0091	-2.5 to 2.5	Pass				

2.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.27	-7.224	-0.0089	-2.5 to 2.5	Pass
					3.85	-9.298	-0.0114	-2.5 to 2.5	Pass
					4.43	-5.193	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-3.719	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-3.018	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-1.674	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-5.722	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
	40	3.85	-4.349	-0.0053	-2.5 to 2.5	Pass			
	50	3.85	-2.503	-0.0031	-2.5 to 2.5	Pass			
	819	15	0	20	3.27	-4.549	-0.0056	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0087	-2.5 to 2.5	Pass
					4.43	-4.377	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-4.692	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.024	-0.0086	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
	40	3.85	-4.563	-0.0056	-2.5 to 2.5	Pass			
	50	3.85	-4.091	-0.0050	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-6.051	-0.0074	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0100	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-8.869	-0.0108	-2.5 to 2.5	Pass
-10				3.85	-2.661	-0.0032	-2.5 to 2.5	Pass	
0				3.85	-7.982	-0.0097	-2.5 to 2.5	Pass	
10	3.85	-8.211	-0.0100	-2.5 to 2.5	Pass				

				30	3.85	-5.636	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-10.271	-0.0125	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0055	-2.5 to 2.5	Pass
16QAM	815.5	15	0	20	3.27	-4.263	-0.0052	-2.5 to 2.5	Pass
					3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.150	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-4.463	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-7.267	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-6.766	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-5.565	-0.0068	-2.5 to 2.5	Pass
				10	3.85	0.629	0.0008	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-3.376	-0.0041	-2.5 to 2.5	Pass
	50	3.85	-4.821	-0.0059	-2.5 to 2.5	Pass			
	819	15	0	20	3.27	-3.061	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.475	-0.0030	-2.5 to 2.5	Pass
					4.43	-7.410	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-11.830	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-3.877	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	-7.181	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-5.522	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-4.506	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-7.052	-0.0086	-2.5 to 2.5	Pass
	50	3.85	-6.394	-0.0078	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-5.679	-0.0069	-2.5 to 2.5	Pass
					3.85	-9.327	-0.0113	-2.5 to 2.5	Pass
					4.43	-6.509	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0098	-2.5 to 2.5	Pass
				-20	3.85	-7.339	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-9.141	-0.0111	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass
30				3.85	-7.997	-0.0097	-2.5 to 2.5	Pass	
40				3.85	-2.675	-0.0033	-2.5 to 2.5	Pass	
50	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass				

2.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.27	-7.195	-0.0088	-2.5 to 2.5	Pass
					3.85	-4.835	-0.0059	-2.5 to 2.5	Pass
					4.43	-8.211	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-6.351	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-6.237	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-6.895	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-5.007	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-4.992	-0.0061	-2.5 to 2.5	Pass
	50	3.85	-3.519	-0.0043	-2.5 to 2.5	Pass			
	819	25	0	20	3.27	-3.562	-0.0043	-2.5 to 2.5	Pass
					3.85	-7.410	-0.0090	-2.5 to 2.5	Pass
					4.43	-7.453	-0.0091	-2.5 to 2.5	Pass
				-30	3.85	-4.220	-0.0052	-2.5 to 2.5	Pass

	821.5	25	0	-20	3.85	-3.047	-0.0037	-2.5 to 2.5	Pass			
				-10	3.85	-5.636	-0.0069	-2.5 to 2.5	Pass			
				0	3.85	-3.791	-0.0046	-2.5 to 2.5	Pass			
				10	3.85	-1.631	-0.0020	-2.5 to 2.5	Pass			
				30	3.85	-5.708	-0.0070	-2.5 to 2.5	Pass			
				40	3.85	-3.290	-0.0040	-2.5 to 2.5	Pass			
				50	3.85	-5.264	-0.0064	-2.5 to 2.5	Pass			
	821.5	25	0	20	3.27	-6.452	-0.0079	-2.5 to 2.5	Pass			
					3.85	-3.848	-0.0047	-2.5 to 2.5	Pass			
					4.43	-1.888	-0.0023	-2.5 to 2.5	Pass			
				-30	3.85	-6.080	-0.0074	-2.5 to 2.5	Pass			
				-20	3.85	-5.078	-0.0062	-2.5 to 2.5	Pass			
				-10	3.85	-5.651	-0.0069	-2.5 to 2.5	Pass			
				0	3.85	-5.236	-0.0064	-2.5 to 2.5	Pass			
				10	3.85	-6.094	-0.0074	-2.5 to 2.5	Pass			
				30	3.85	-4.277	-0.0052	-2.5 to 2.5	Pass			
				40	3.85	-3.591	-0.0044	-2.5 to 2.5	Pass			
				50	3.85	-14.935	-0.0182	-2.5 to 2.5	Pass			
				816.5	25	0	20	3.27	-4.907	-0.0060	-2.5 to 2.5	Pass
								3.85	-7.968	-0.0098	-2.5 to 2.5	Pass
								4.43	-7.467	-0.0091	-2.5 to 2.5	Pass
-30	3.85	-1.888	-0.0023				-2.5 to 2.5	Pass				
-20	3.85	-6.695	-0.0082				-2.5 to 2.5	Pass				
-10	3.85	-1.860	-0.0023				-2.5 to 2.5	Pass				
0	3.85	-6.051	-0.0074				-2.5 to 2.5	Pass				
10	3.85	-2.317	-0.0028				-2.5 to 2.5	Pass				
30	3.85	-3.204	-0.0039				-2.5 to 2.5	Pass				
40	3.85	-3.161	-0.0039				-2.5 to 2.5	Pass				
50	3.85	-4.492	-0.0055				-2.5 to 2.5	Pass				
819	25	0	20				3.27	-5.636	-0.0069	-2.5 to 2.5	Pass	
							3.85	-4.249	-0.0052	-2.5 to 2.5	Pass	
							4.43	-6.423	-0.0078	-2.5 to 2.5	Pass	
			-30	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass				
			-20	3.85	-3.347	-0.0041	-2.5 to 2.5	Pass				
			-10	3.85	-3.333	-0.0041	-2.5 to 2.5	Pass				
			0	3.85	-3.519	-0.0043	-2.5 to 2.5	Pass				
			10	3.85	-6.580	-0.0080	-2.5 to 2.5	Pass				
			30	3.85	-4.978	-0.0061	-2.5 to 2.5	Pass				
			40	3.85	-5.207	-0.0064	-2.5 to 2.5	Pass				
			50	3.85	-3.734	-0.0046	-2.5 to 2.5	Pass				
			821.5	25	0	20	3.27	-6.323	-0.0077	-2.5 to 2.5	Pass	
							3.85	-9.012	-0.0110	-2.5 to 2.5	Pass	
							4.43	-3.805	-0.0046	-2.5 to 2.5	Pass	
-30	3.85	-4.191				-0.0051	-2.5 to 2.5	Pass				
-20	3.85	-1.545				-0.0019	-2.5 to 2.5	Pass				
-10	3.85	-7.424				-0.0090	-2.5 to 2.5	Pass				
0	3.85	-7.639				-0.0093	-2.5 to 2.5	Pass				
10	3.85	-4.435				-0.0054	-2.5 to 2.5	Pass				
30	3.85	-5.250				-0.0064	-2.5 to 2.5	Pass				
40	3.85	-5.722				-0.0070	-2.5 to 2.5	Pass				
50	3.85	-3.777				-0.0046	-2.5 to 2.5	Pass				

2.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

QPSK	819	50	0	20	3.27	-10.300	-0.0126	-2.5 to 2.5	Pass
					3.85	-4.420	-0.0054	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0077	-2.5 to 2.5	Pass
					-20	3.85	-7.911	-0.0097	-2.5 to 2.5
				-10	3.85	-8.883	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-2.475	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-5.293	-0.0065	-2.5 to 2.5	Pass
50	3.85	-5.679	-0.0069	-2.5 to 2.5	Pass				
16QAM	819	50	0	20	3.27	-6.108	-0.0075	-2.5 to 2.5	Pass
					3.85	-4.377	-0.0053	-2.5 to 2.5	Pass
					4.43	-6.251	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-3.619	-0.0044	-2.5 to 2.5	Pass
					-20	3.85	-7.095	-0.0087	-2.5 to 2.5
				-10	3.85	-7.138	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-2.031	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-6.766	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-3.161	-0.0039	-2.5 to 2.5	Pass
50	3.85	-3.862	-0.0047	-2.5 to 2.5	Pass				

3. Modulation Characteristics

3.1 Test Result

3.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	6	0	Refer To Test Graph		Pass
16QAM	819	6	0	Refer To Test Graph		Pass

3.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	15	0	Refer To Test Graph		Pass
16QAM	819	15	0	Refer To Test Graph		Pass

3.1.3 B26a_5MHz

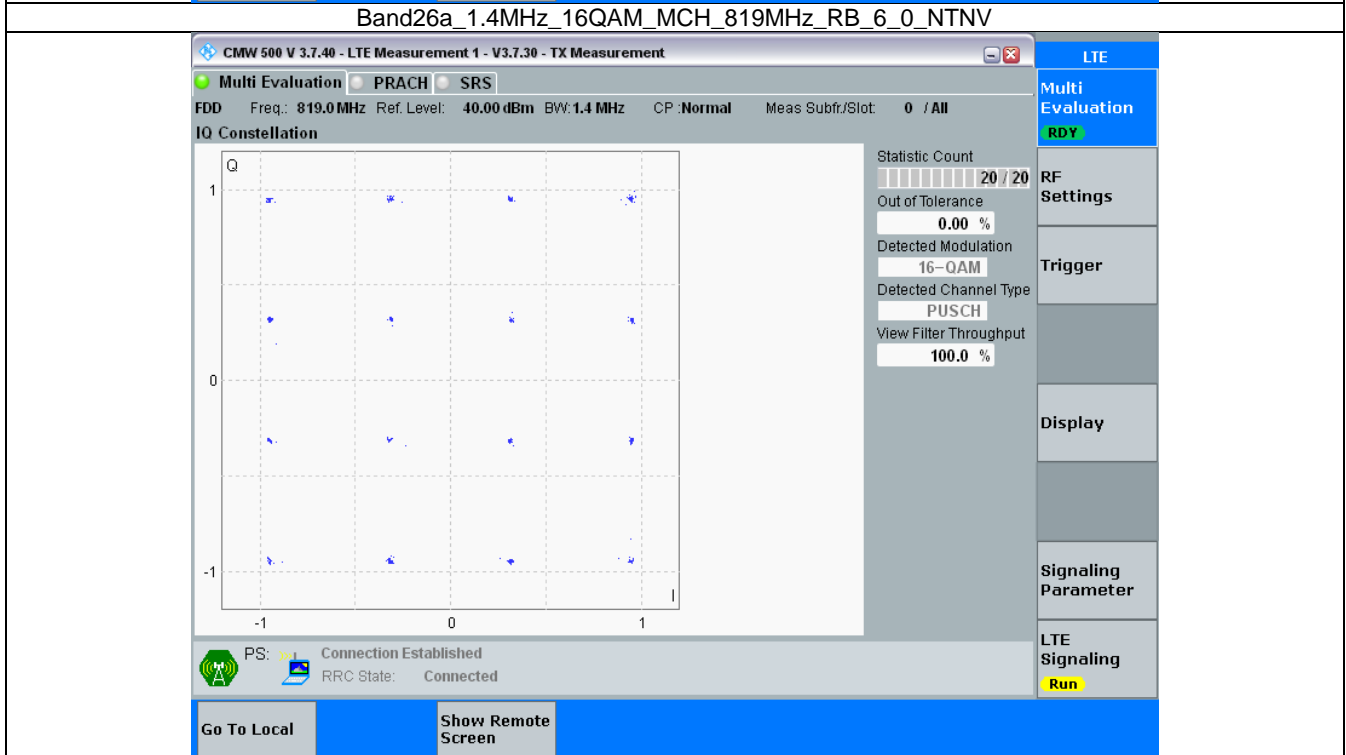
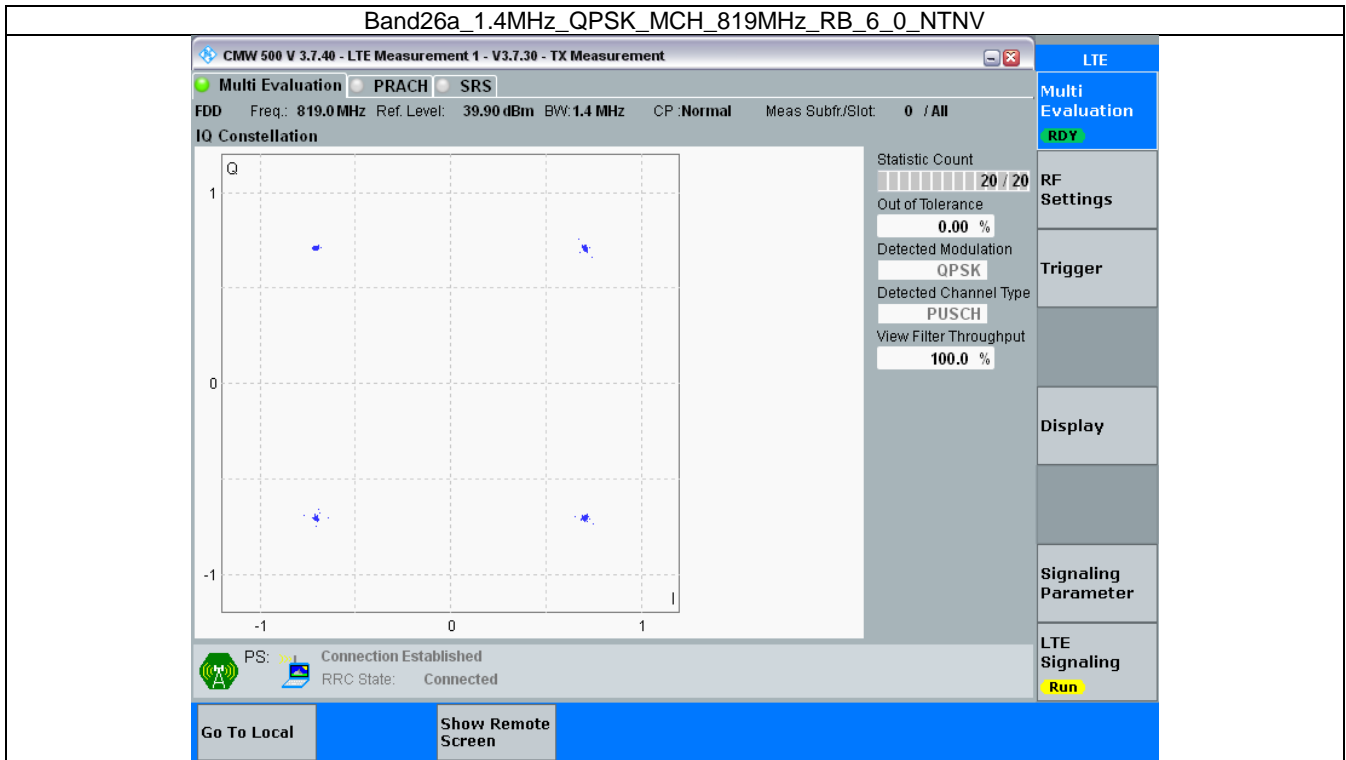
Band: 26a / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	25	0	Refer To Test Graph		Pass
16QAM	819	25	0	Refer To Test Graph		Pass

3.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	Refer To Test Graph		Pass
16QAM	819	50	0	Refer To Test Graph		Pass

3.2 Test Graph

3.2.1 B26a_1.4MHz



3.2.2 B26a_3MHz

Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 819.0 MHz Ref. Level: 39.80 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

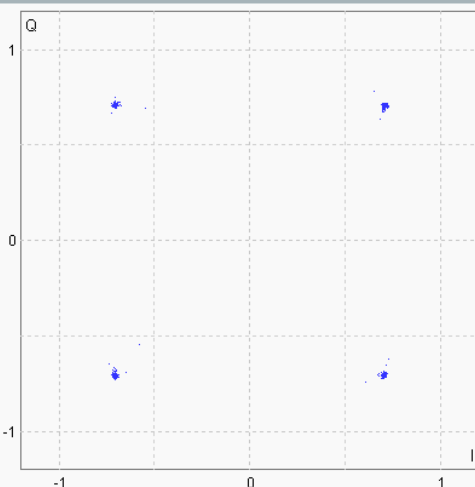
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 819.0 MHz Ref. Level: 40.00 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

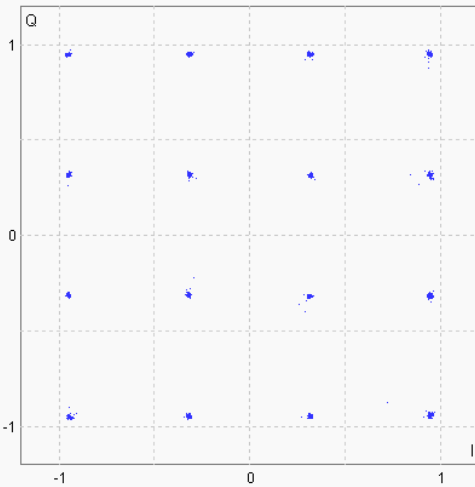
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

3.2.3 B26a_5MHz

Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX MeasurementLTE

Multi Evaluation PRACH SRSMulti Evaluation
RDY

FDD Freq.: 819.0 MHz Ref. Level: 39.60 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / AllRF Settings

IQ Constellation

Statistic Count
20 / 20

Out of Tolerance
0.00 %

Detected Modulation
QPSK

Detected Channel Type
PUSCH

View Filter Throughput
100.0 %

Trigger

PS: Connection Established
RRC State: ConnectedDisplay

Go To LocalShow Remote ScreenLTE Signaling
Run

Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX MeasurementLTE

Multi Evaluation PRACH SRSMulti Evaluation
RDY

FDD Freq.: 819.0 MHz Ref. Level: 39.90 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / AllRF Settings

IQ Constellation

Statistic Count
20 / 20

Out of Tolerance
0.00 %

Detected Modulation
16-QAM

Detected Channel Type
PUSCH

View Filter Throughput
100.0 %

Trigger

PS: Connection Established
RRC State: ConnectedDisplay

Go To LocalShow Remote ScreenLTE Signaling
Run

3.2.4 B26a_10MHz

Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 819.0 MHz Ref. Level: 40.00 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

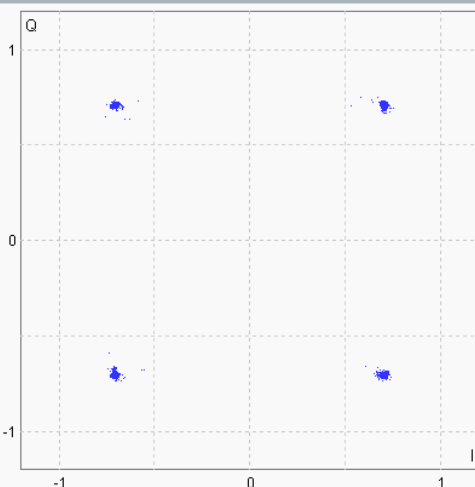
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local
Show Remote Screen

Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 819.0 MHz Ref. Level: 39.80 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

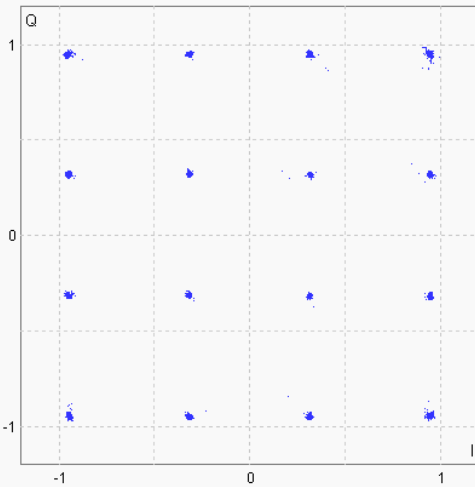
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local
Show Remote Screen

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26a_OBW

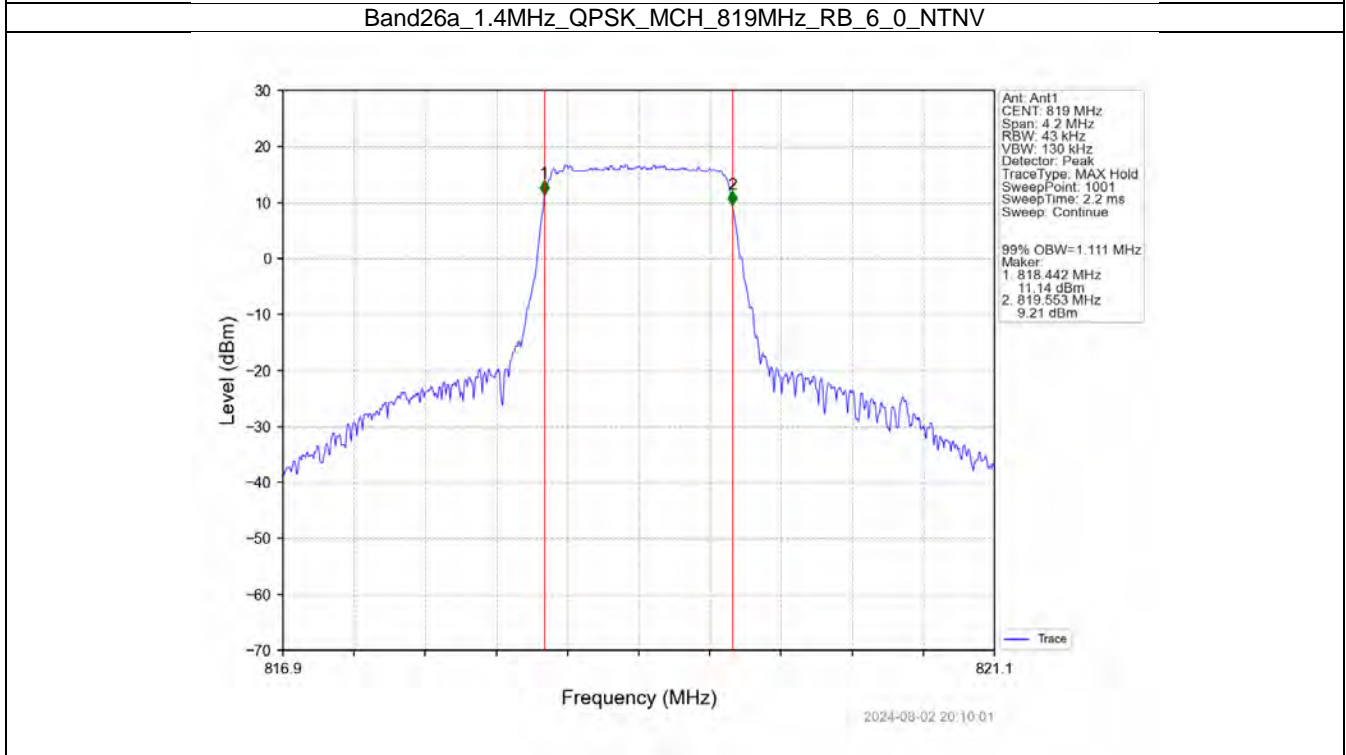
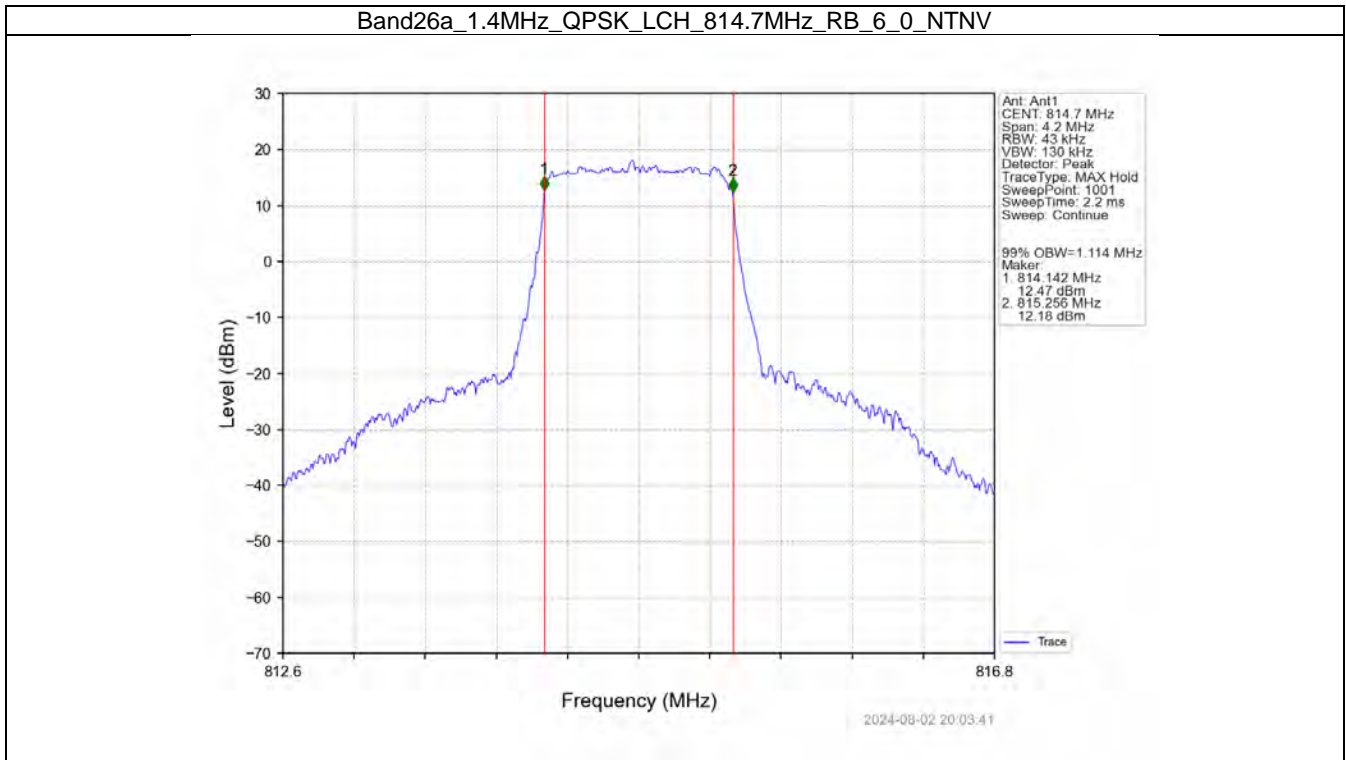
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.114	/	Pass
		819	6	0	1.111	/	Pass
		823.3	6	0	1.119	/	Pass
	16QAM	814.7	6	0	1.103	/	Pass
		819	6	0	1.106	/	Pass
		823.3	6	0	1.115	/	Pass
3	QPSK	815.5	15	0	2.730	/	Pass
		819	15	0	2.729	/	Pass
		822.5	15	0	2.724	/	Pass
	16QAM	815.5	15	0	2.722	/	Pass
		819	15	0	2.713	/	Pass
		822.5	15	0	2.726	/	Pass
5	QPSK	816.5	25	0	4.534	/	Pass
		819	25	0	4.536	/	Pass
		821.5	25	0	4.548	/	Pass
	16QAM	816.5	25	0	4.529	/	Pass
		819	25	0	4.556	/	Pass
		821.5	25	0	4.555	/	Pass
10	QPSK	819	50	0	9.044	/	Pass
	16QAM	819	50	0	9.059	/	Pass

4.1.2 Band26a_XDB

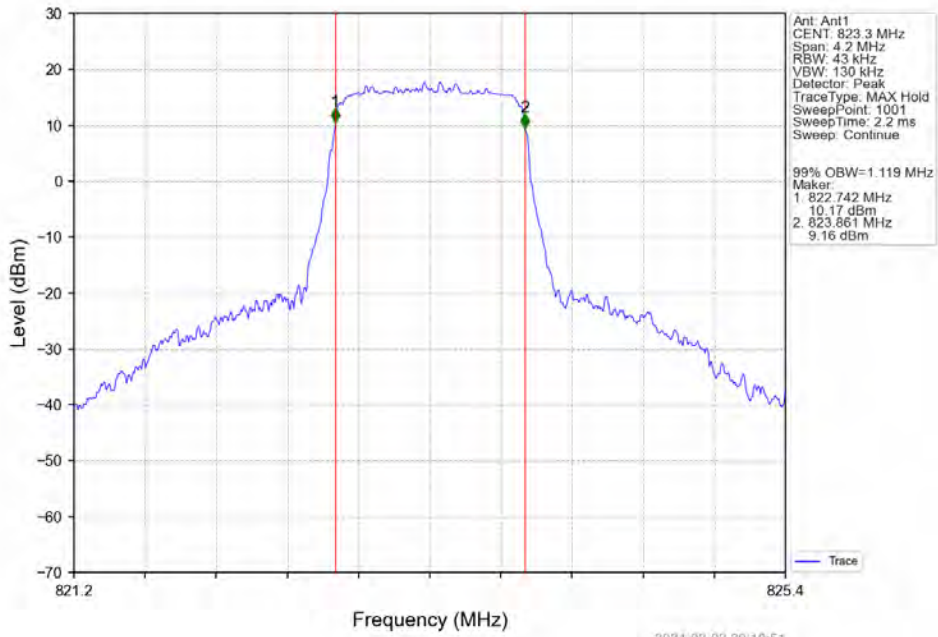
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.299	/	Pass
		819	6	0	1.335	/	Pass
		823.3	6	0	1.305	/	Pass
	16QAM	814.7	6	0	1.318	/	Pass
		819	6	0	1.305	/	Pass
		823.3	6	0	1.335	/	Pass
3	QPSK	815.5	15	0	2.986	/	Pass
		819	15	0	2.993	/	Pass
		822.5	15	0	3.009	/	Pass
	16QAM	815.5	15	0	2.980	/	Pass
		819	15	0	3.005	/	Pass
		822.5	15	0	2.991	/	Pass
5	QPSK	816.5	25	0	5.015	/	Pass
		819	25	0	5.051	/	Pass
		821.5	25	0	5.042	/	Pass
	16QAM	816.5	25	0	5.004	/	Pass
		819	25	0	5.019	/	Pass
		821.5	25	0	5.035	/	Pass
10	QPSK	819	50	0	9.924	/	Pass
	16QAM	819	50	0	9.943	/	Pass

4.2 Test Graph

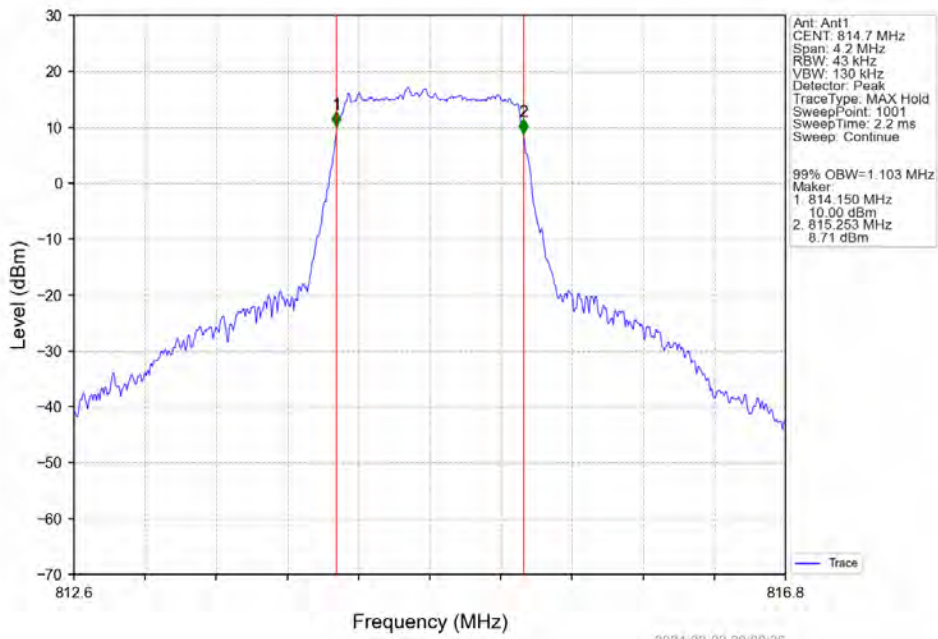
4.2.1 Band26a_OBW



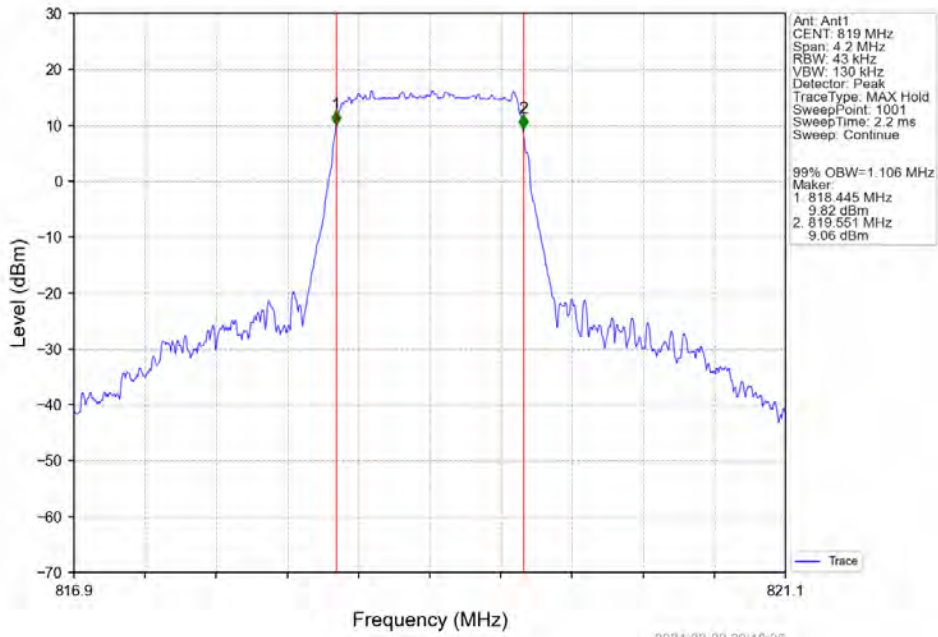
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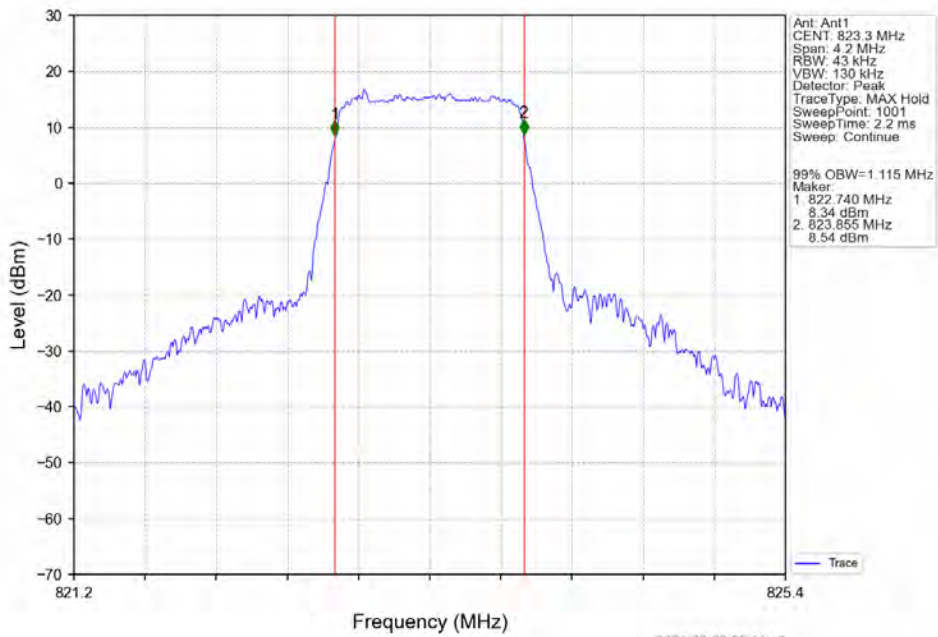
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



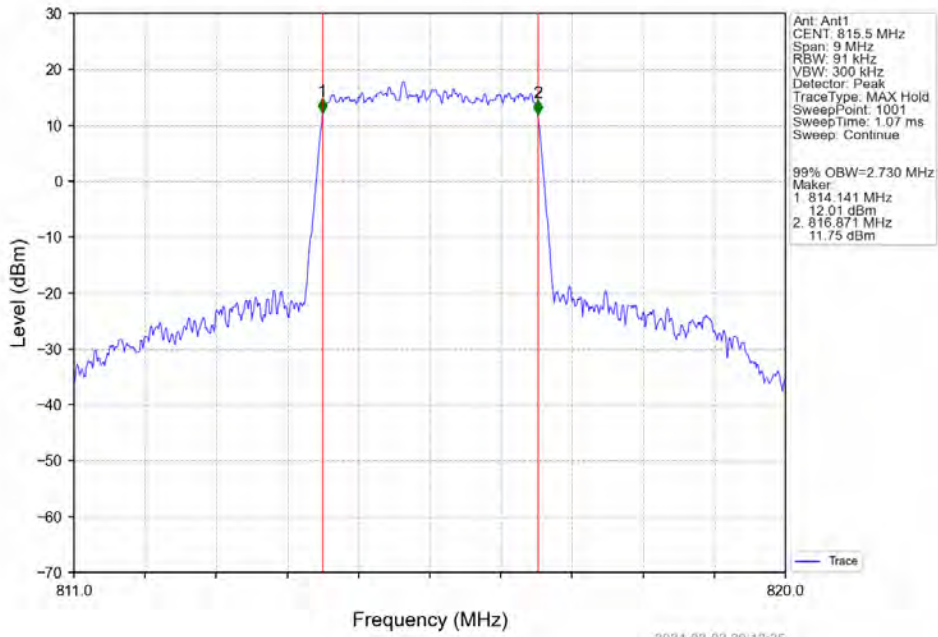
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



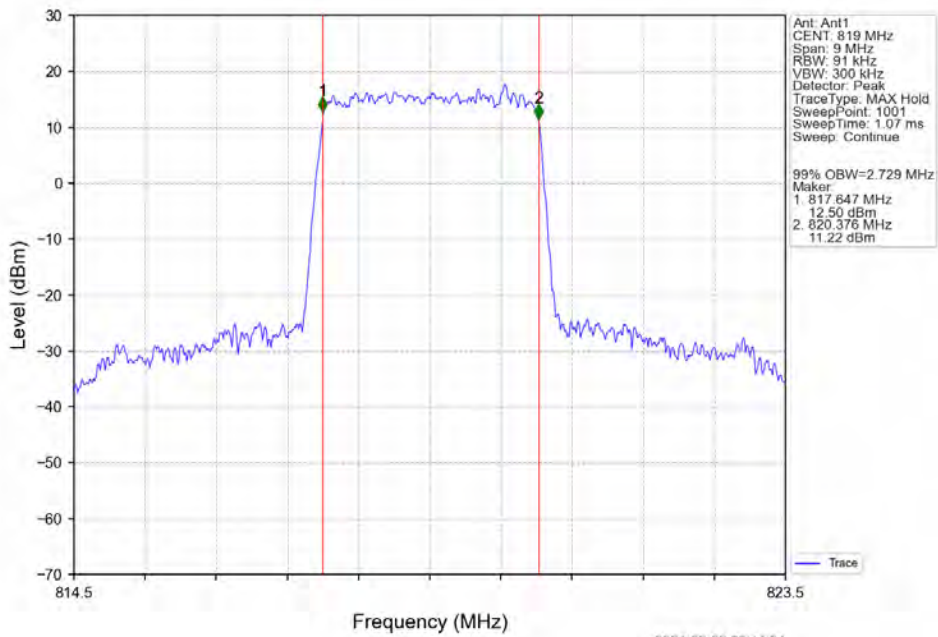
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



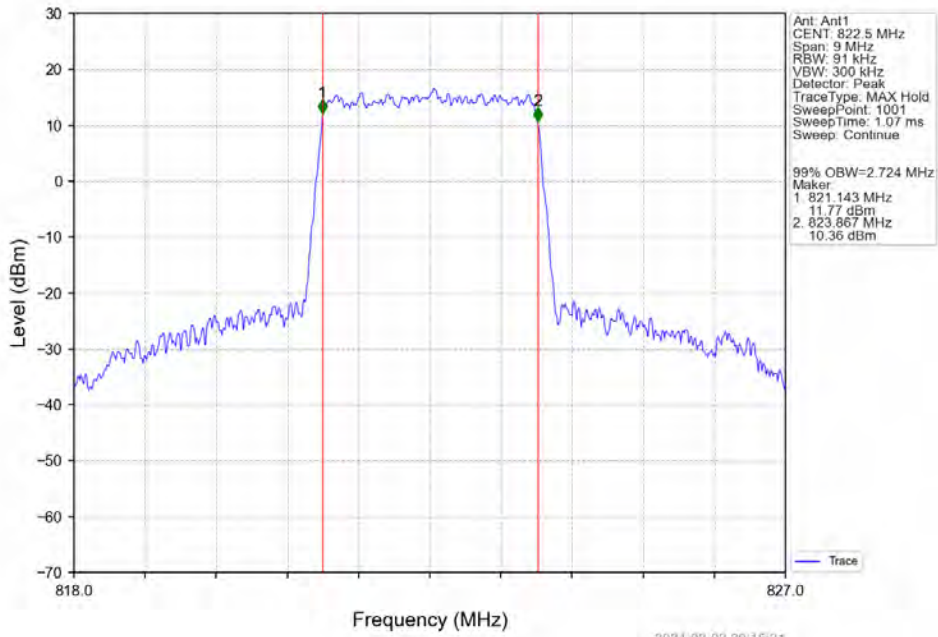
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



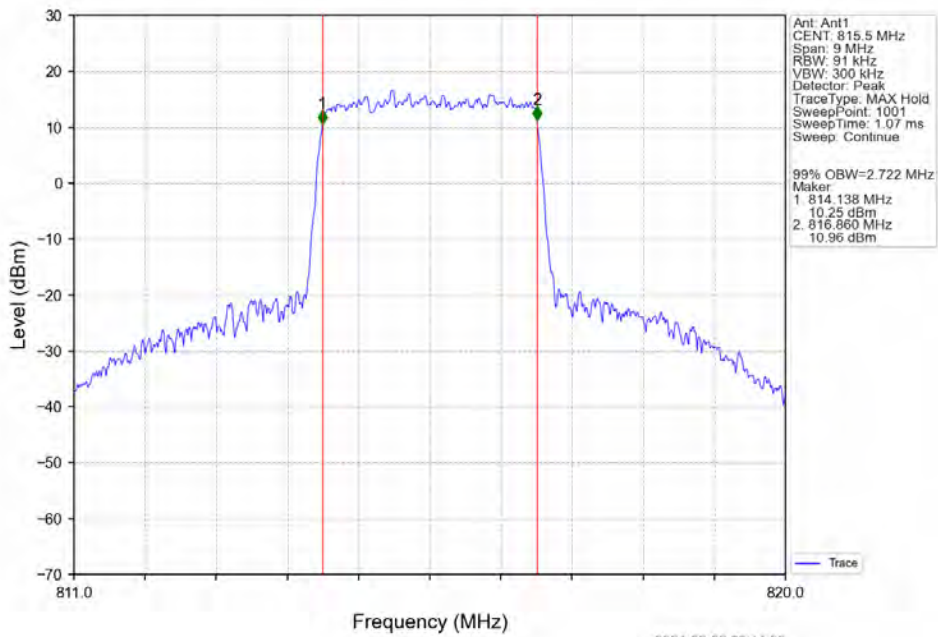
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



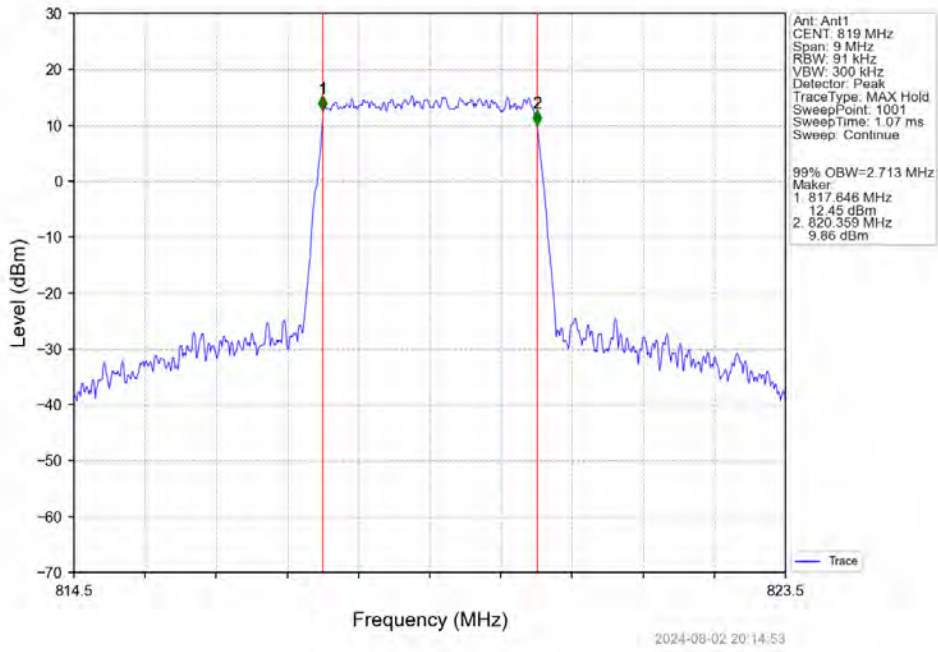
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



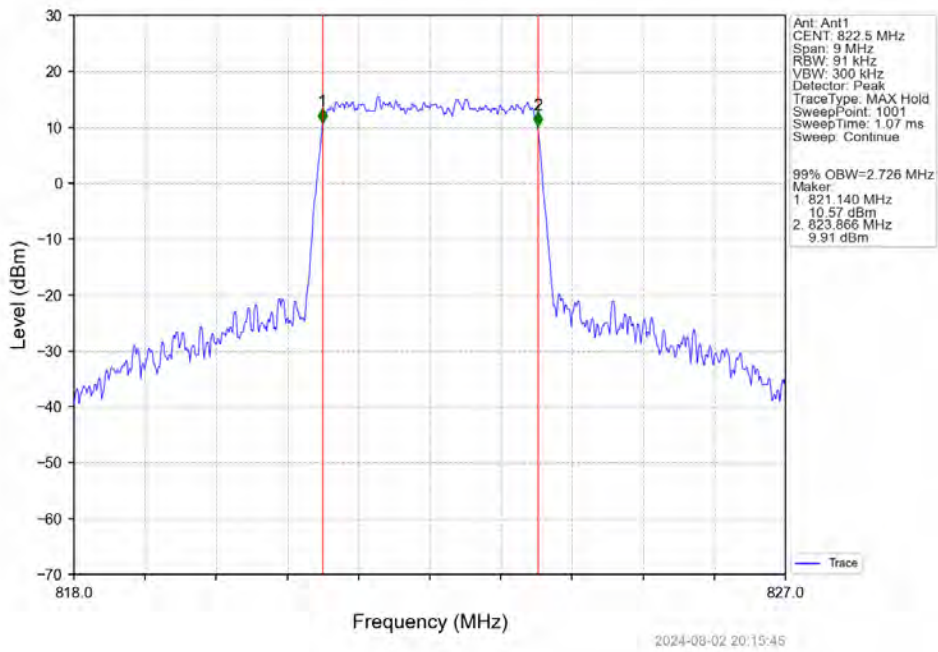
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



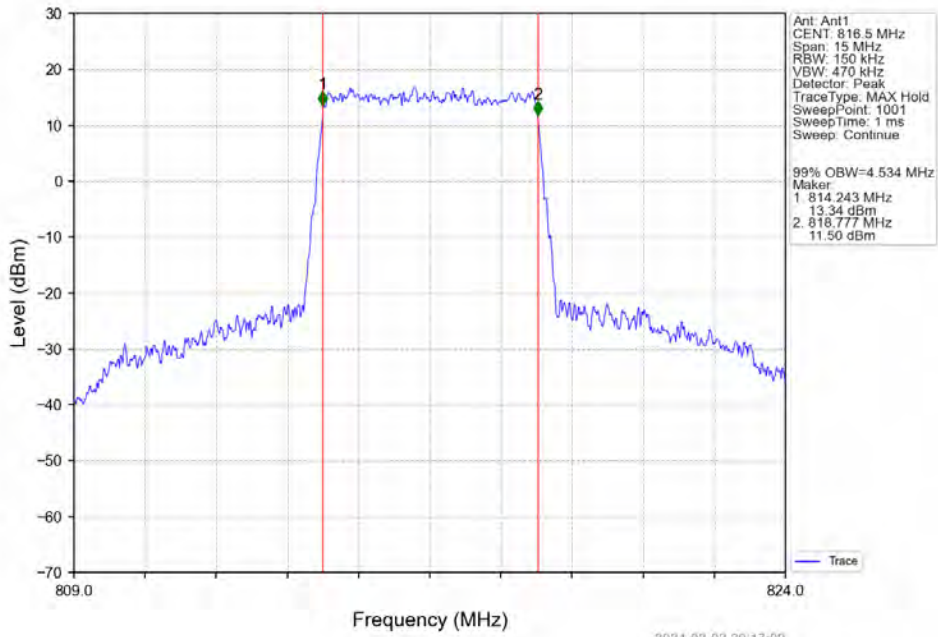
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



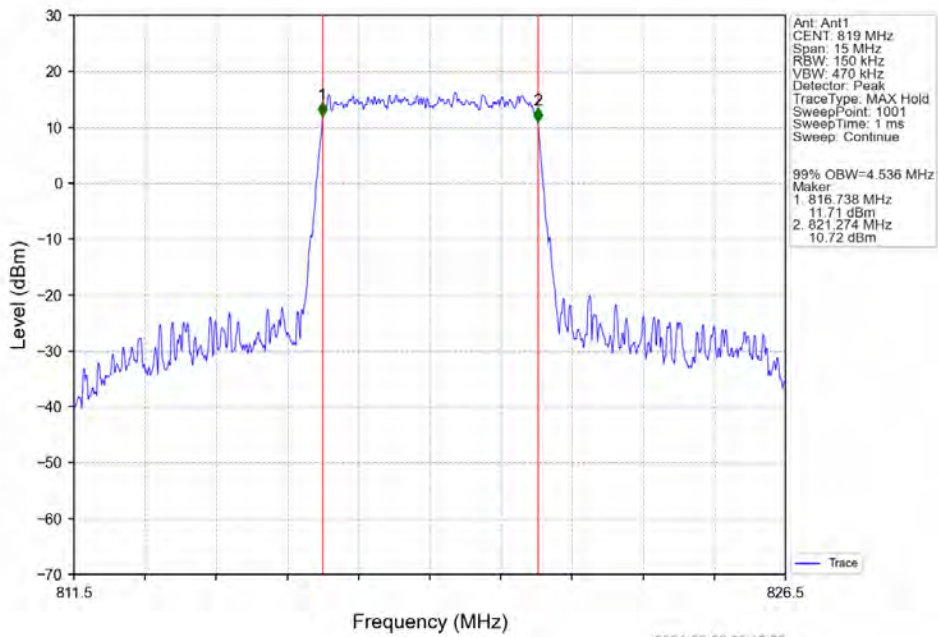
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



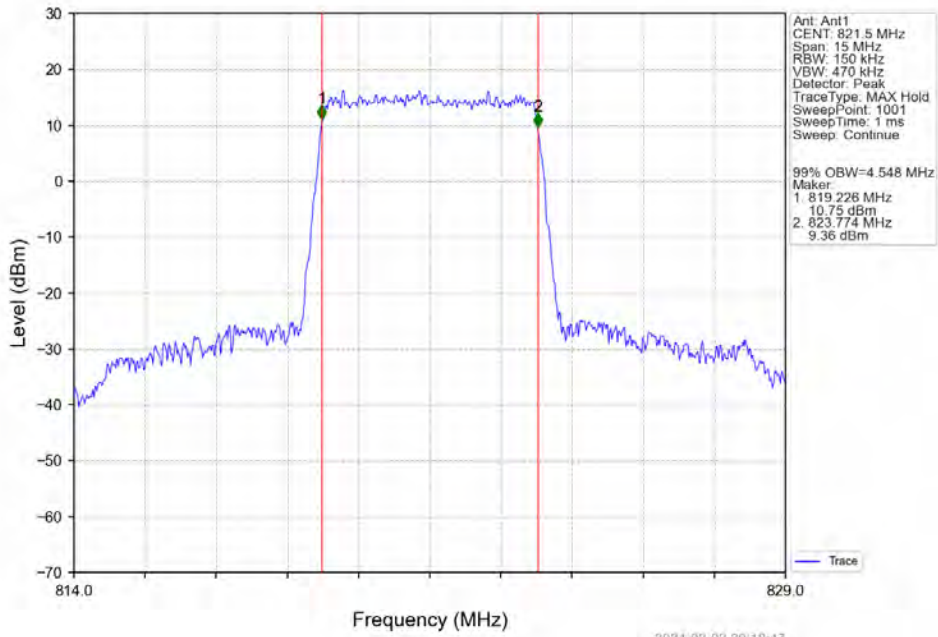
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



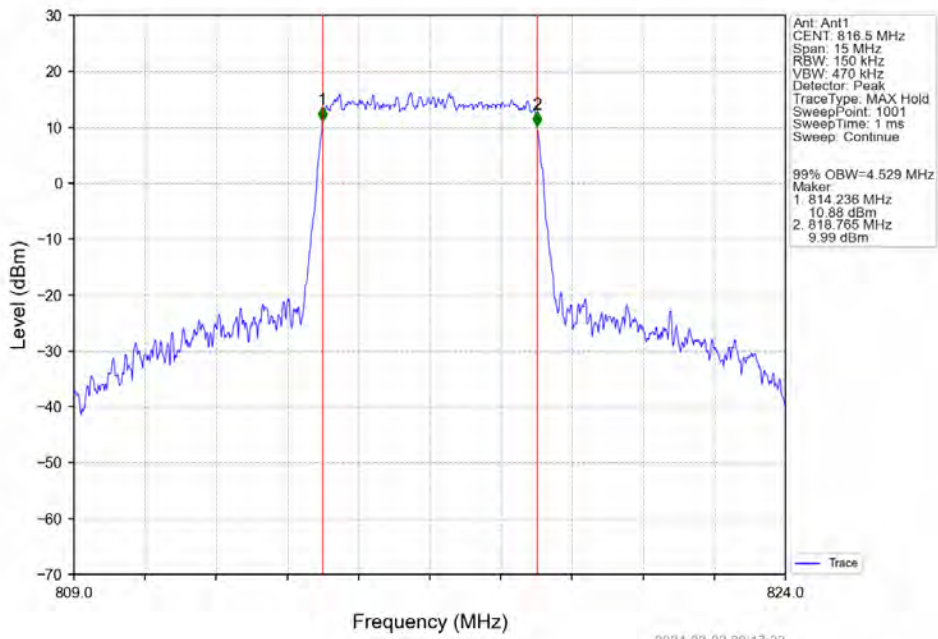
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



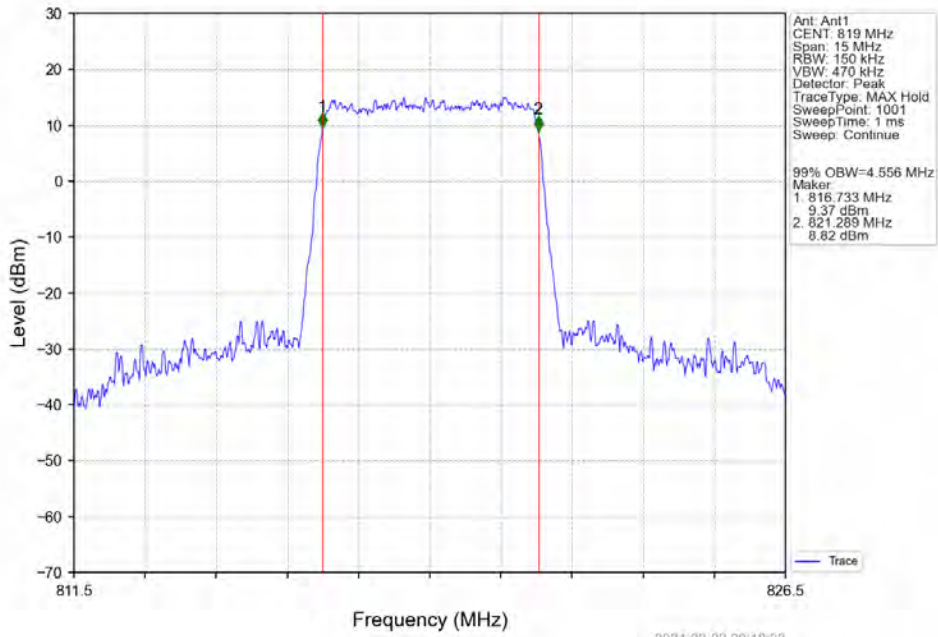
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



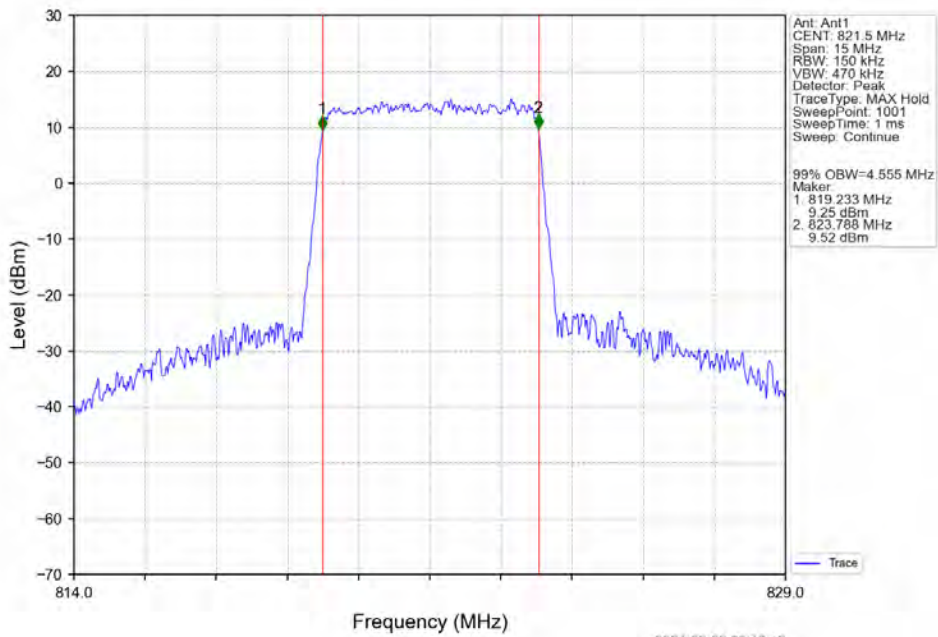
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



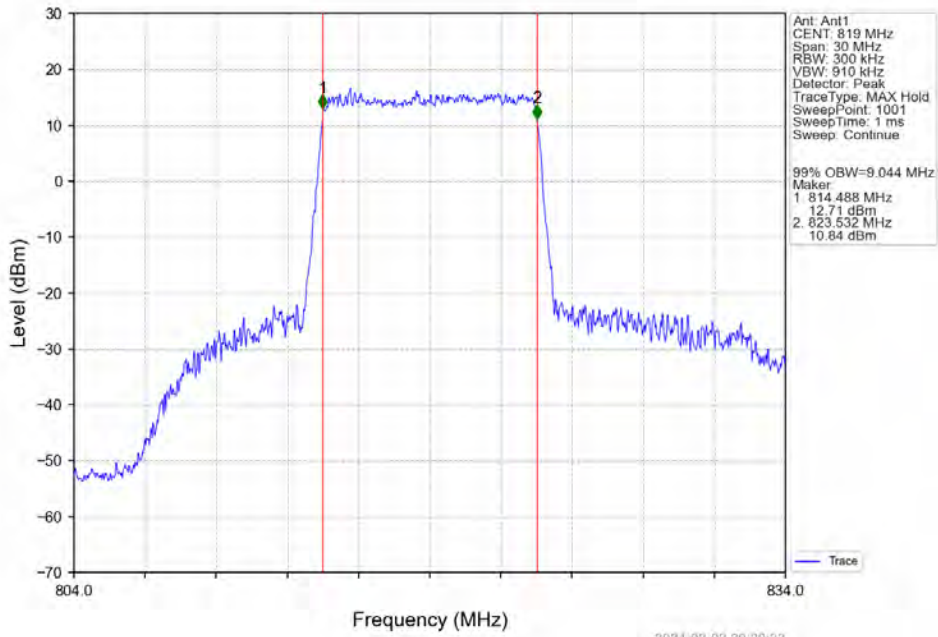
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



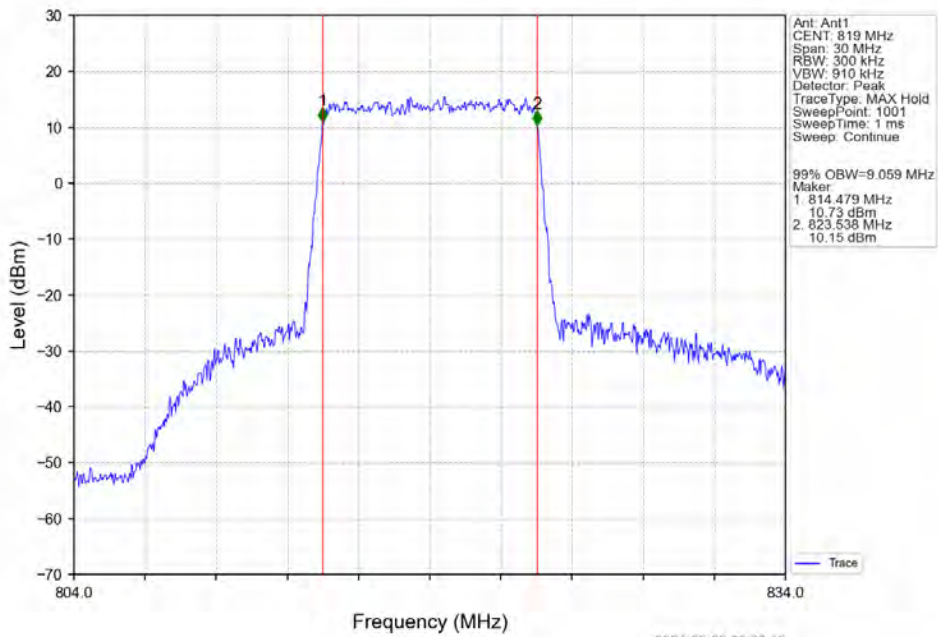
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



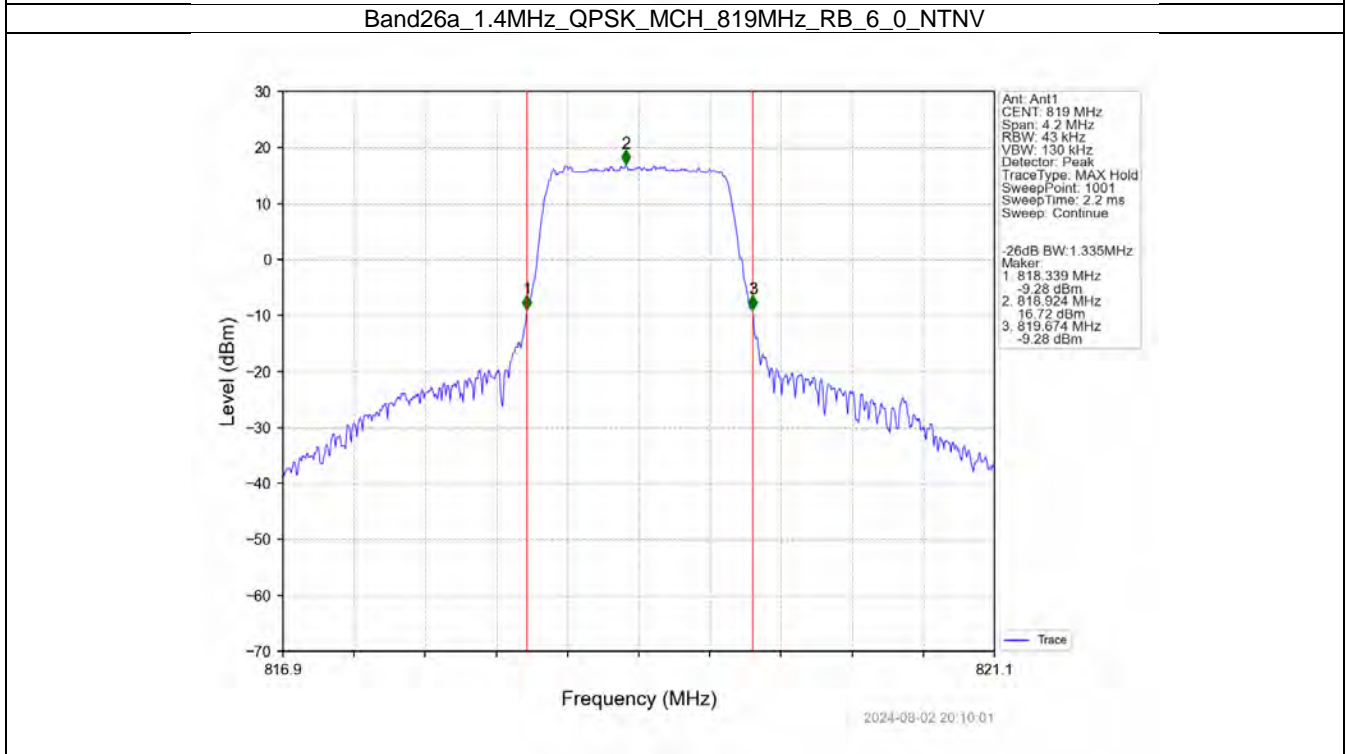
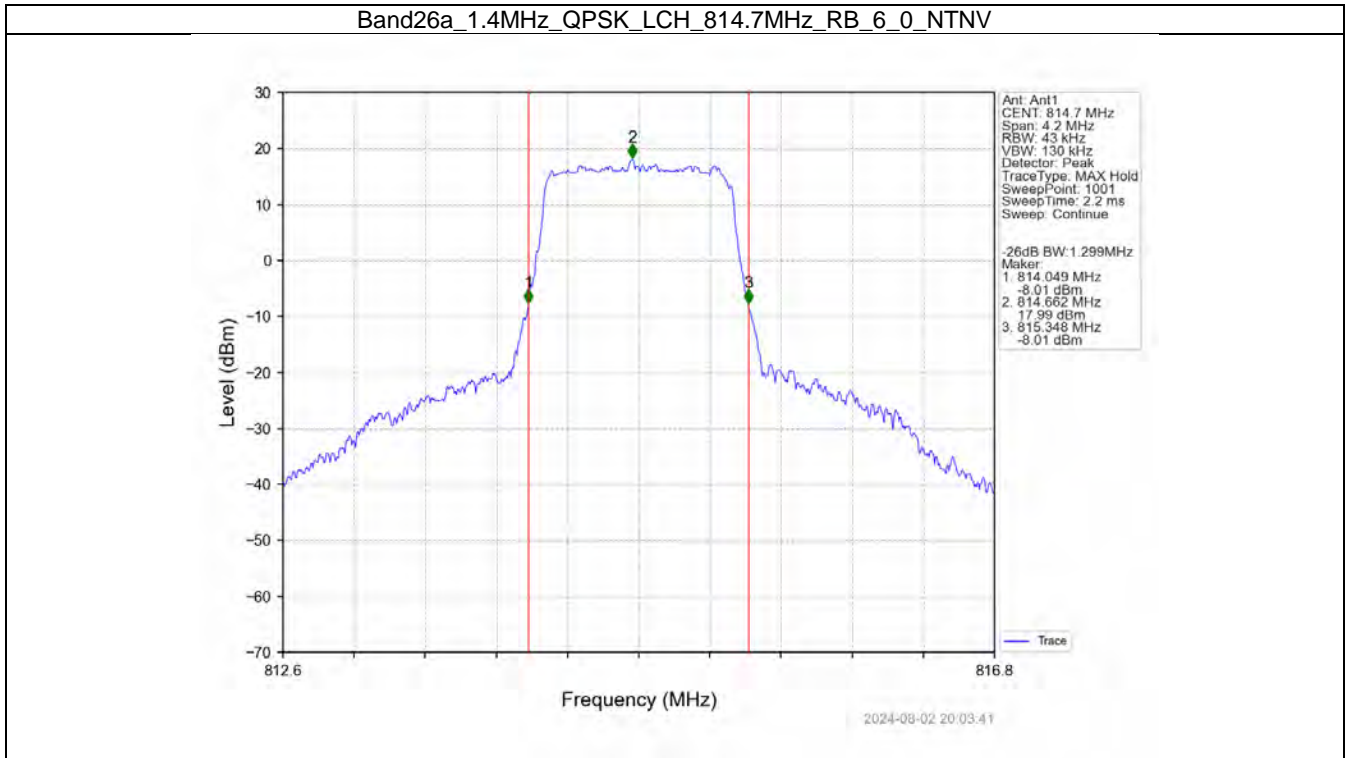
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



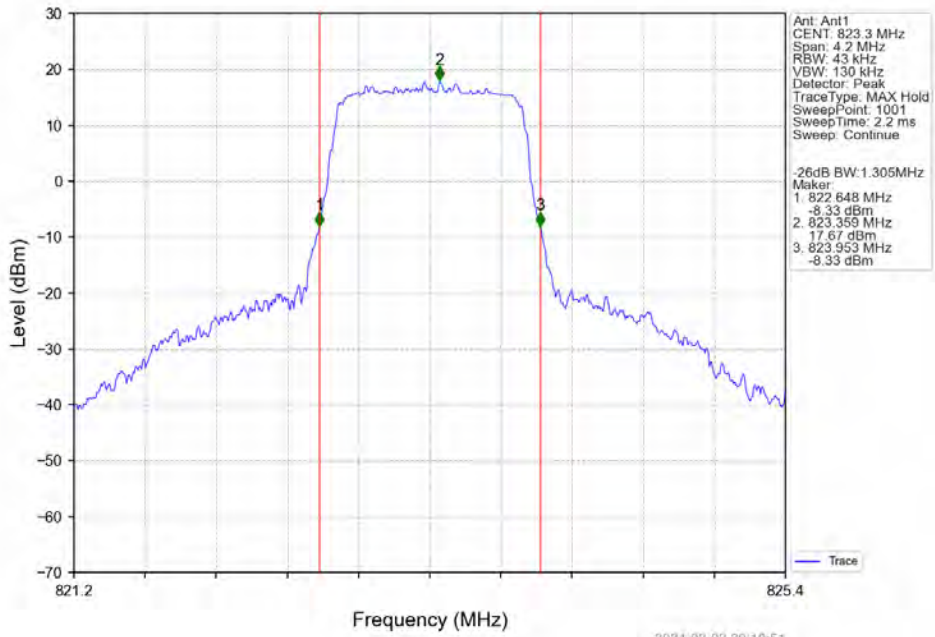
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



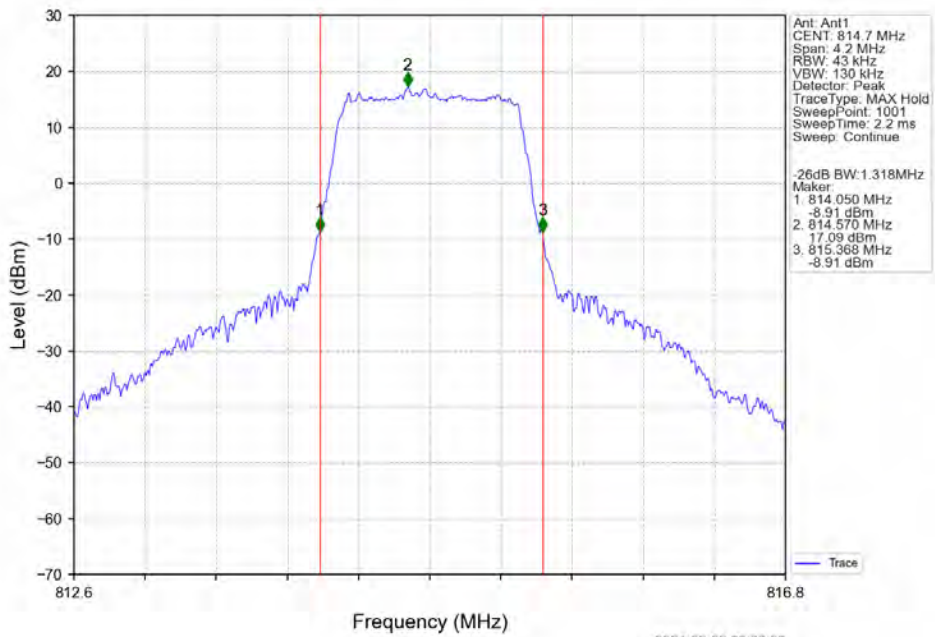
4.2.2 Band26a_XDB



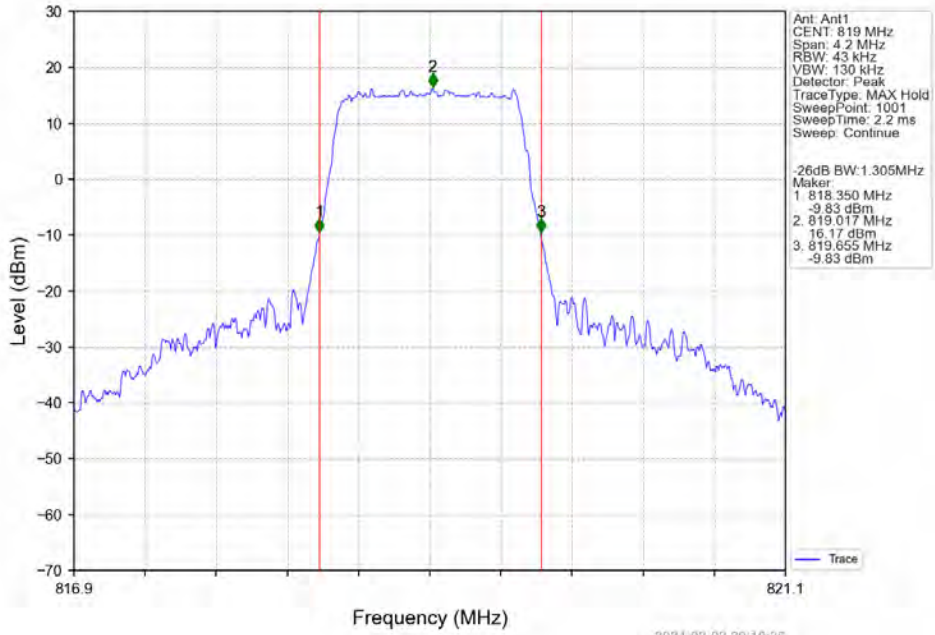
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



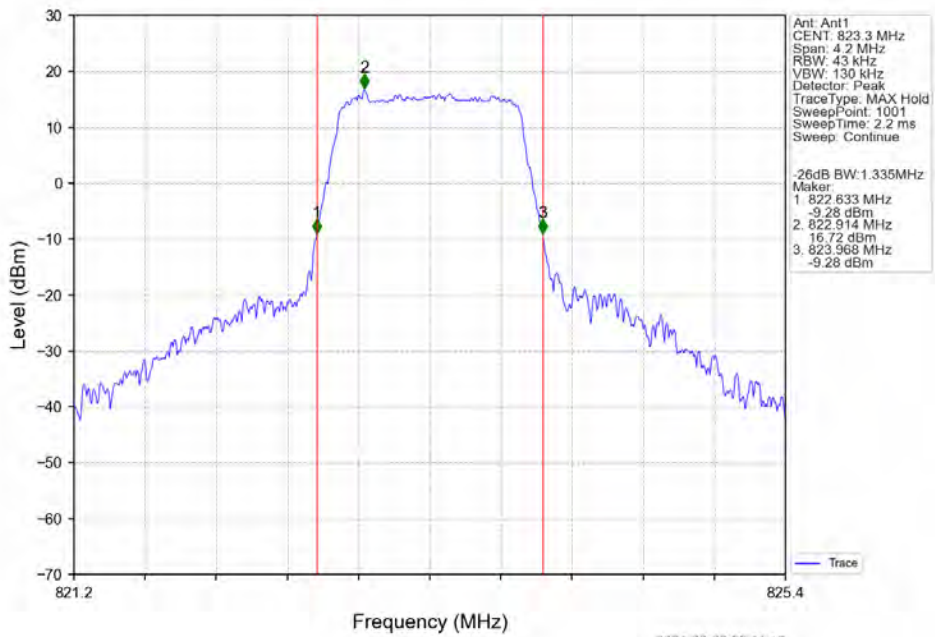
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



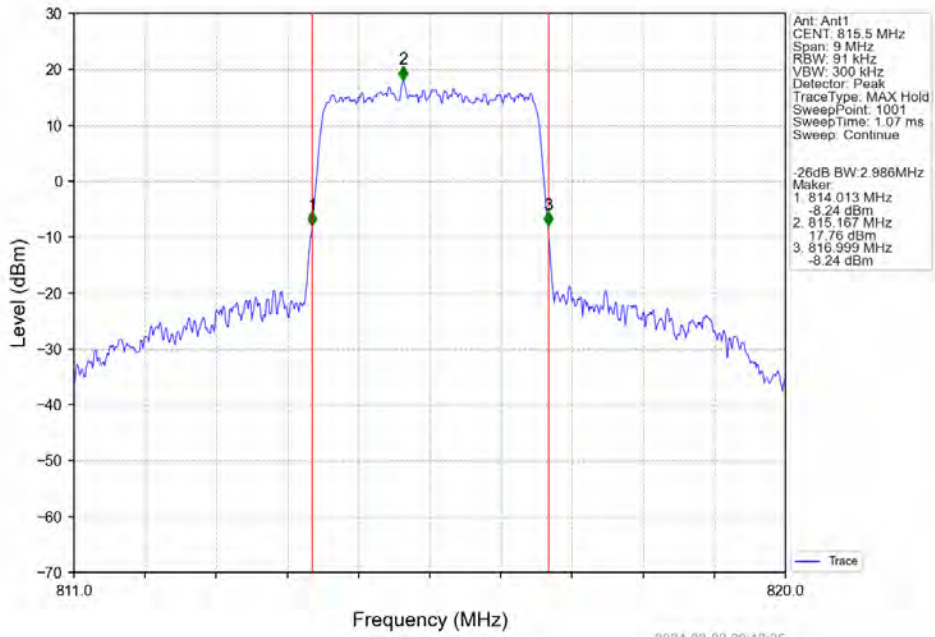
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



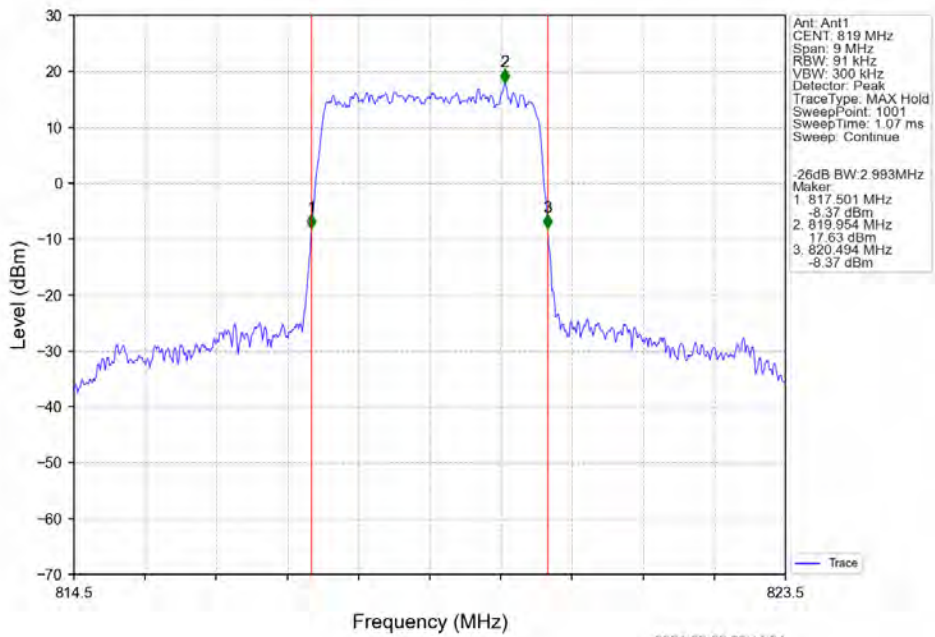
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



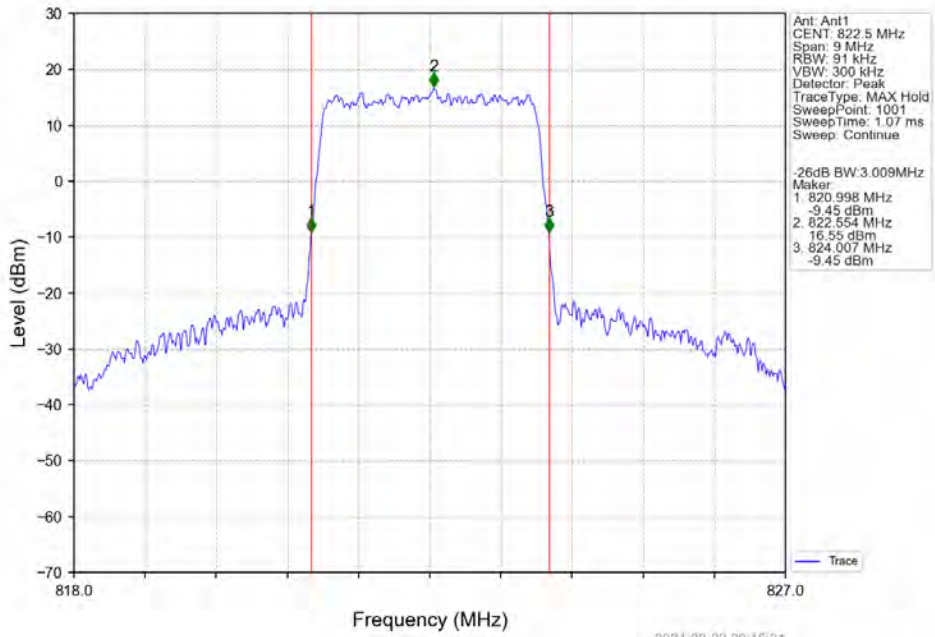
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



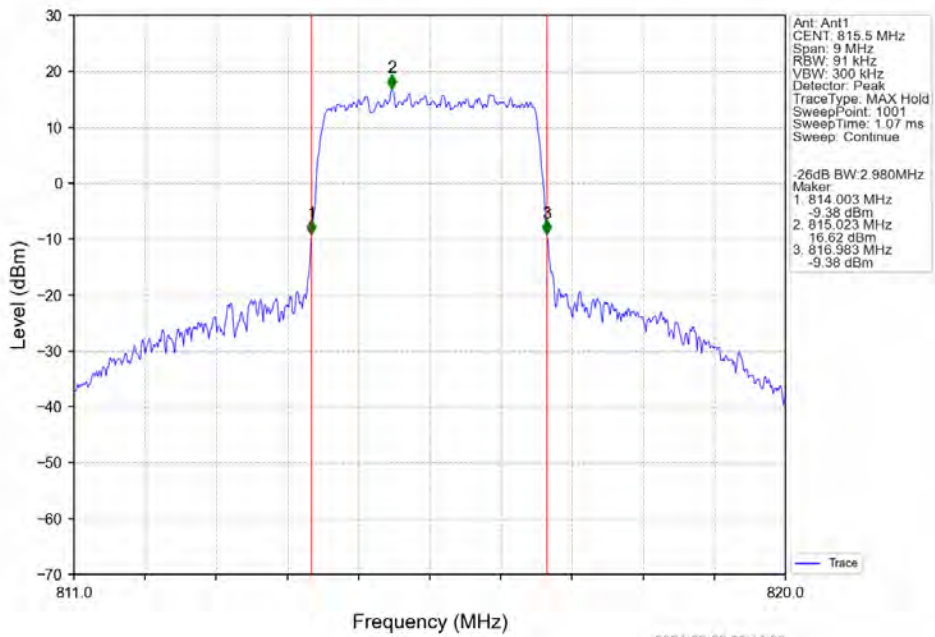
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



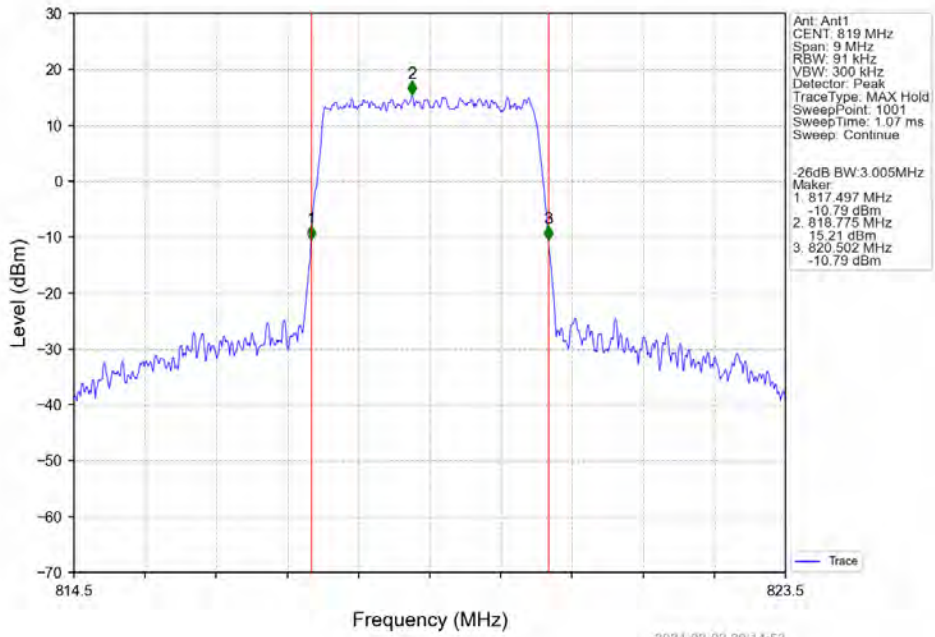
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



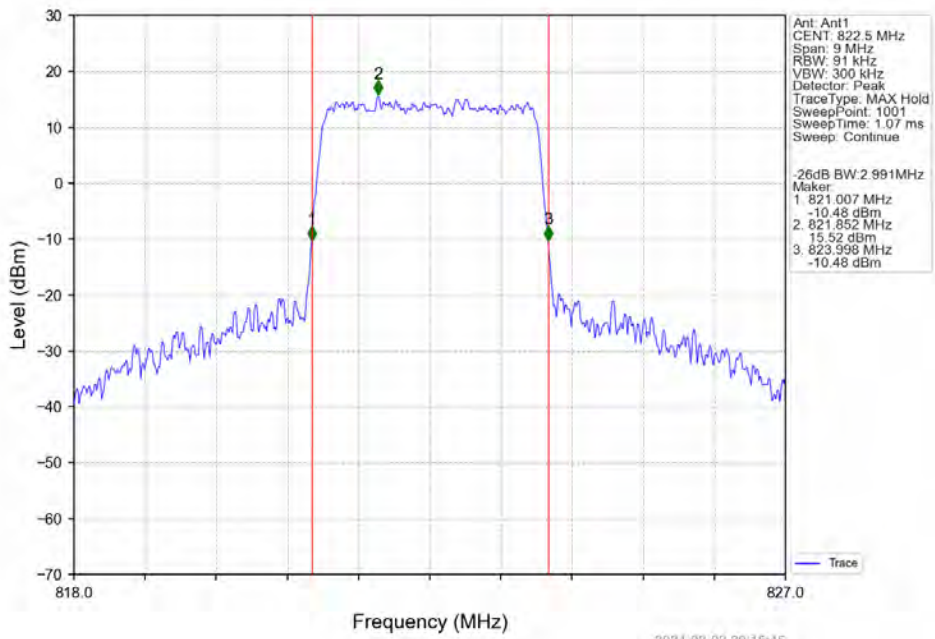
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



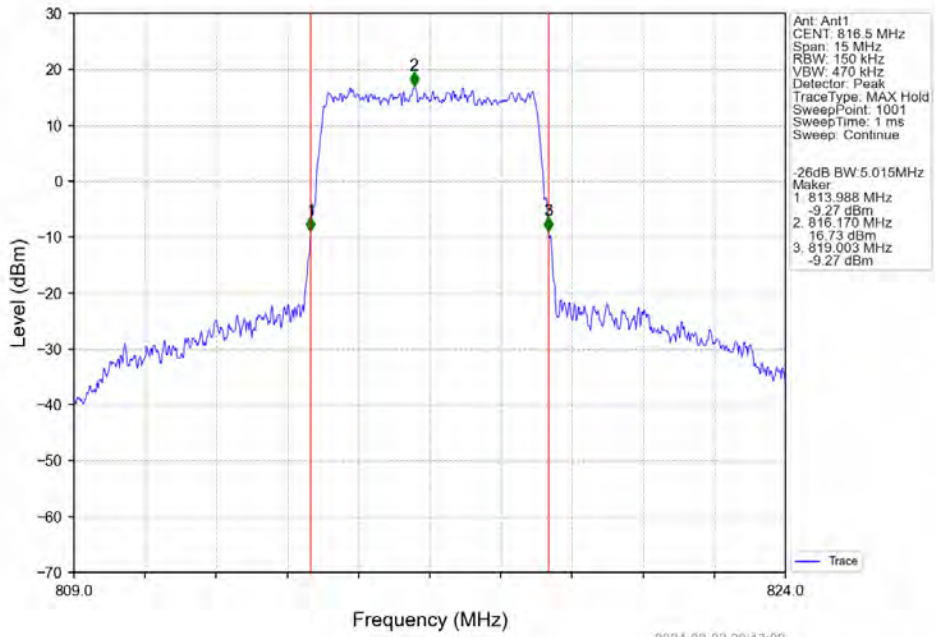
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



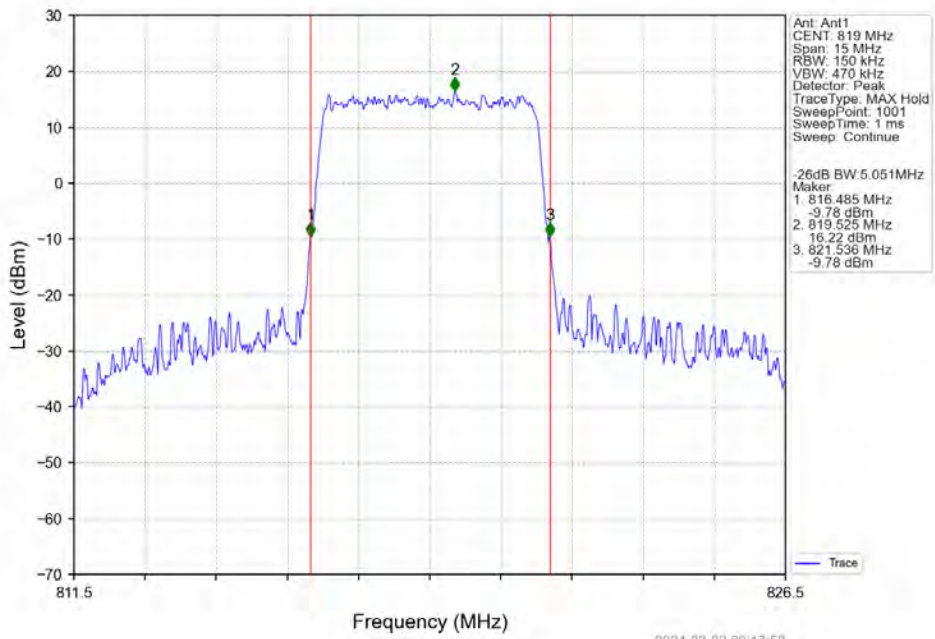
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



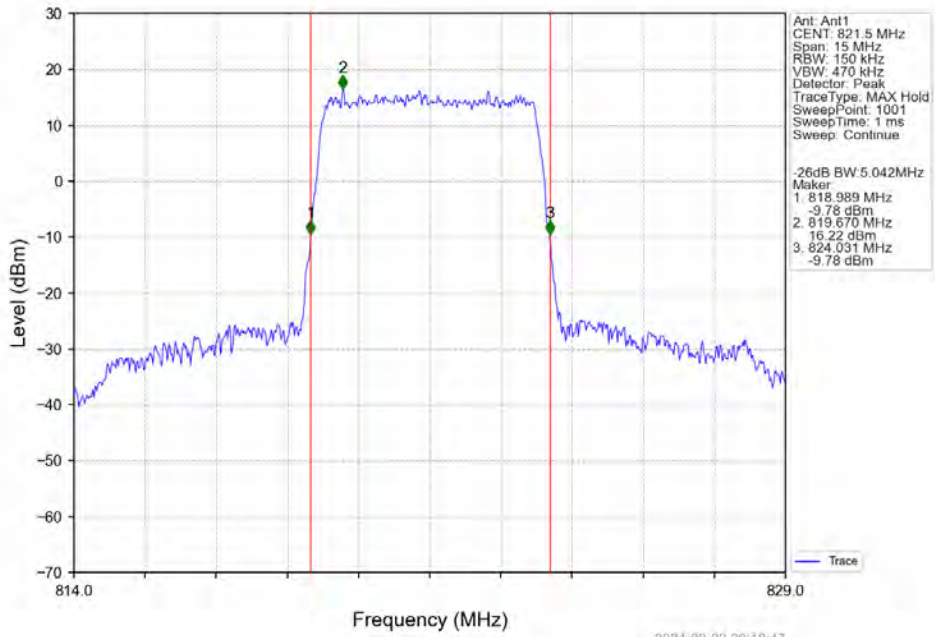
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



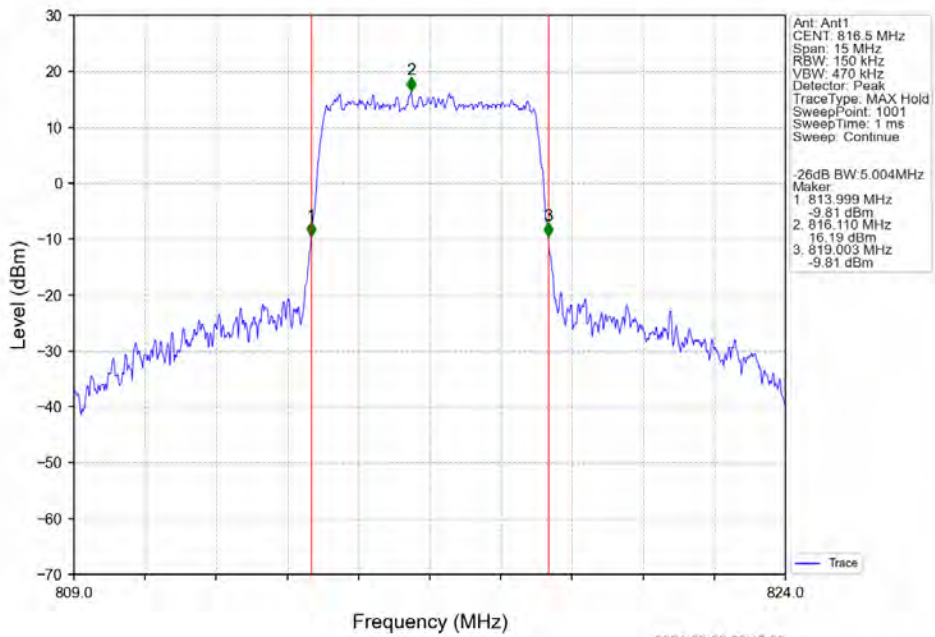
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



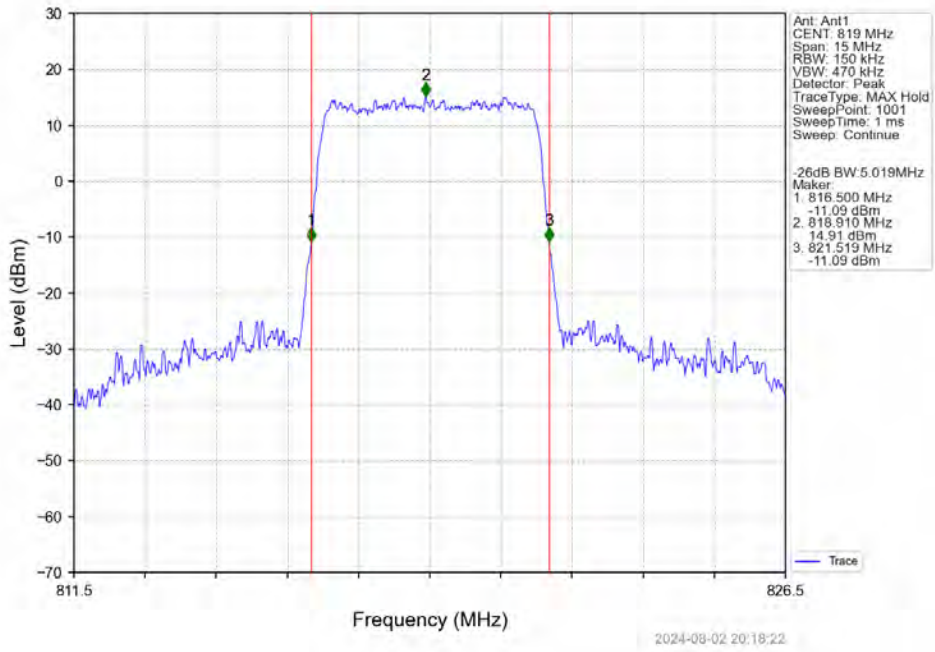
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



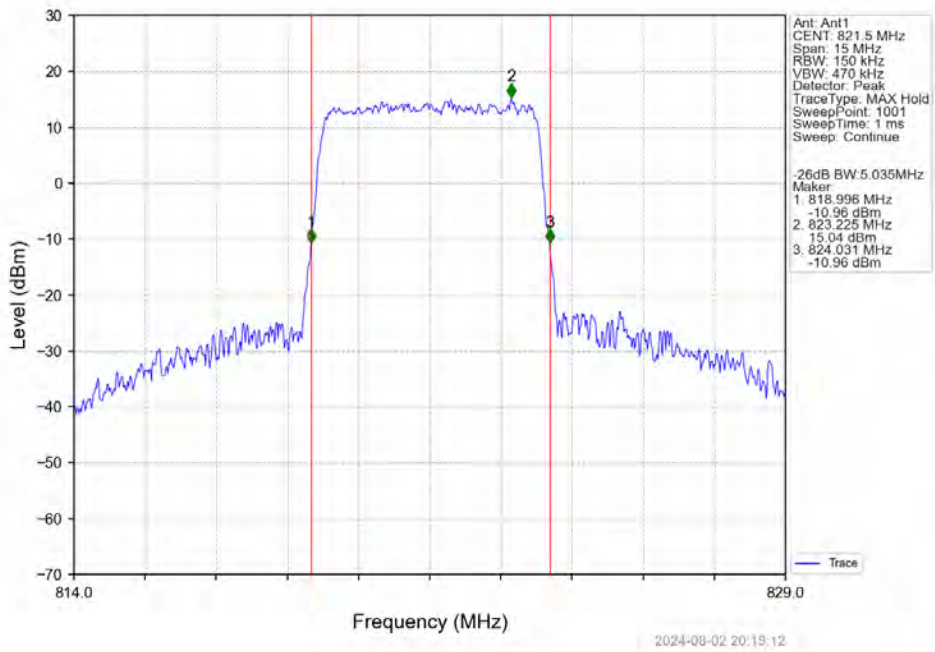
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



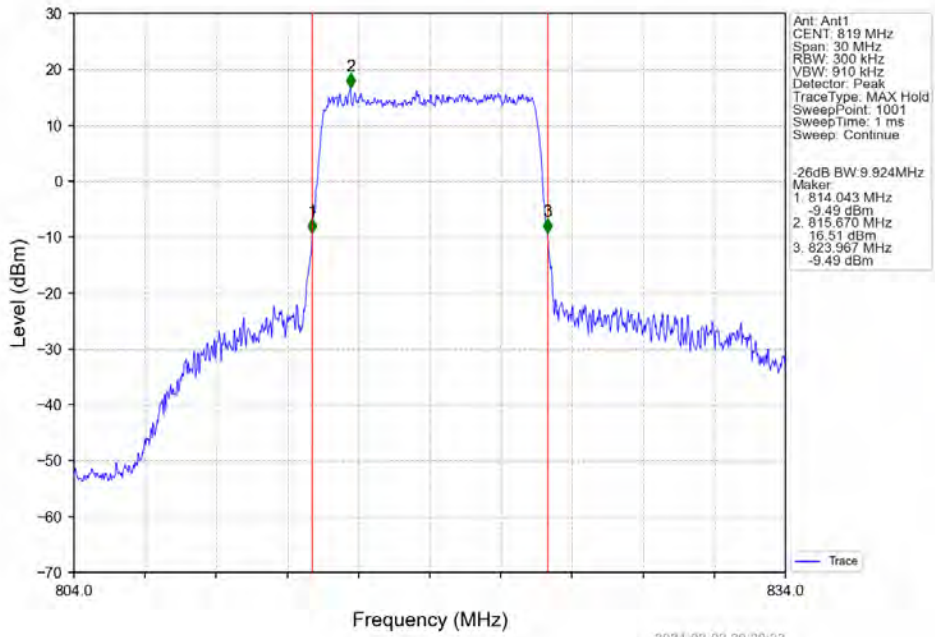
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



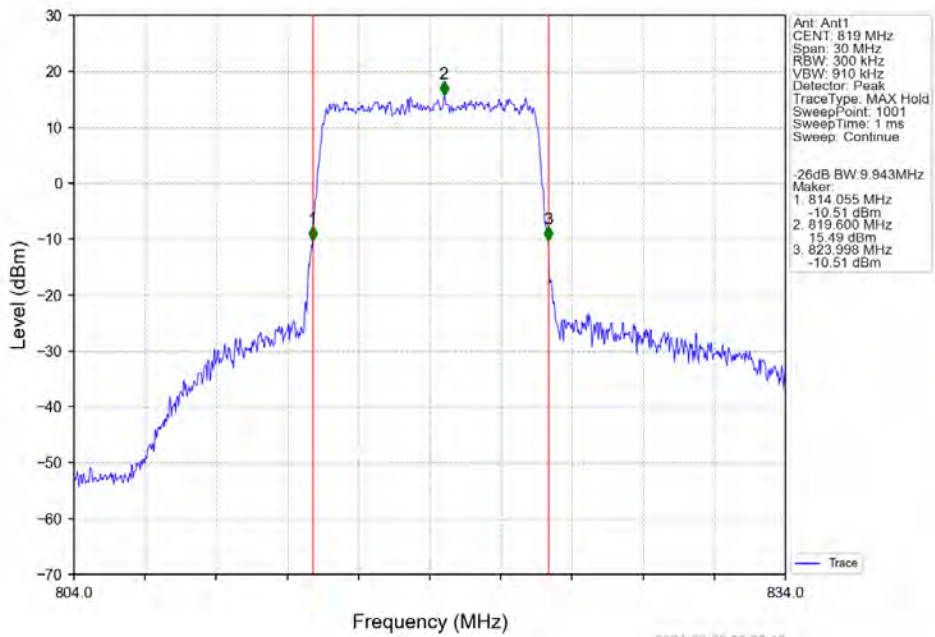
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	5.03	<=13	Pass
	819	6	0	5.37	<=13	Pass
	823.3	6	0	5.07	<=13	Pass
16QAM	814.7	6	0	5.77	<=13	Pass
	819	6	0	6.17	<=13	Pass
	823.3	6	0	5.90	<=13	Pass

5.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.21	<=13	Pass
	819	15	0	5.42	<=13	Pass
	822.5	15	0	5.30	<=13	Pass
16QAM	815.5	15	0	6.04	<=13	Pass
	819	15	0	6.23	<=13	Pass
	822.5	15	0	6.05	<=13	Pass

5.1.3 B26a_5MHz

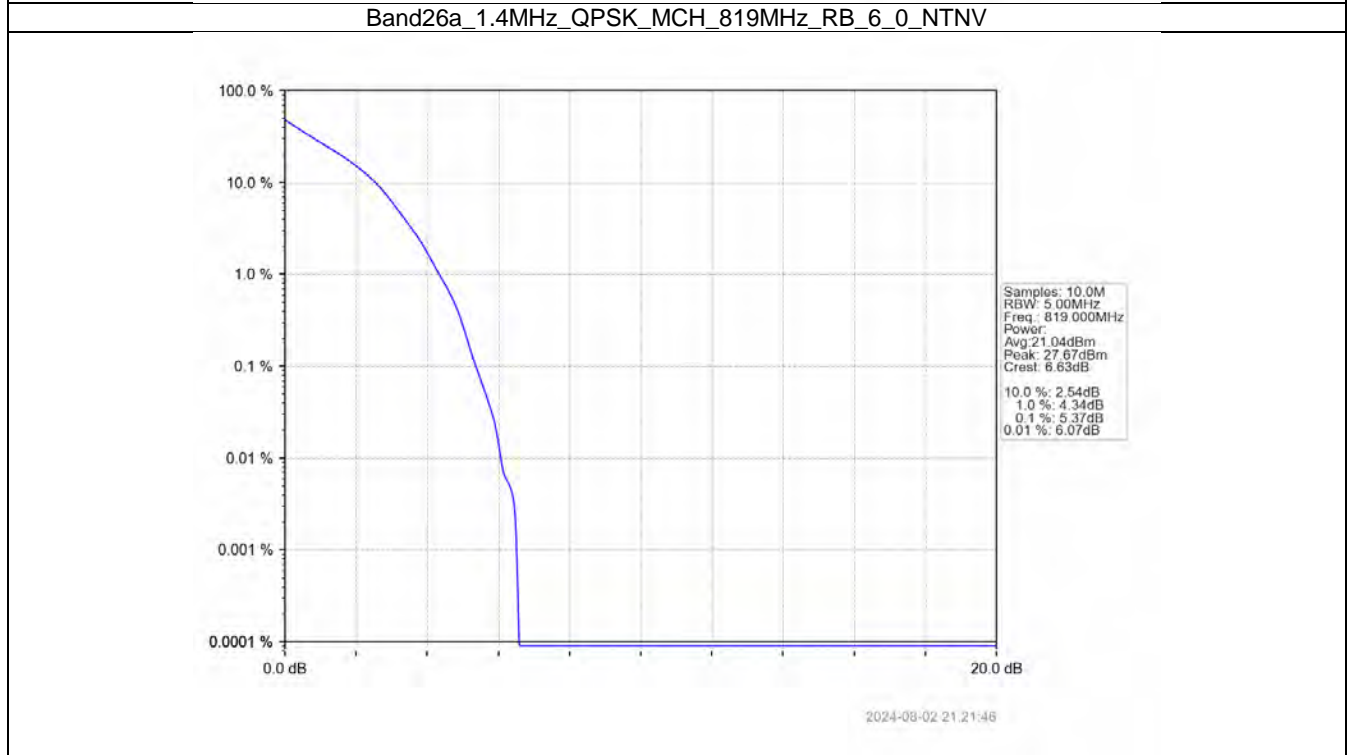
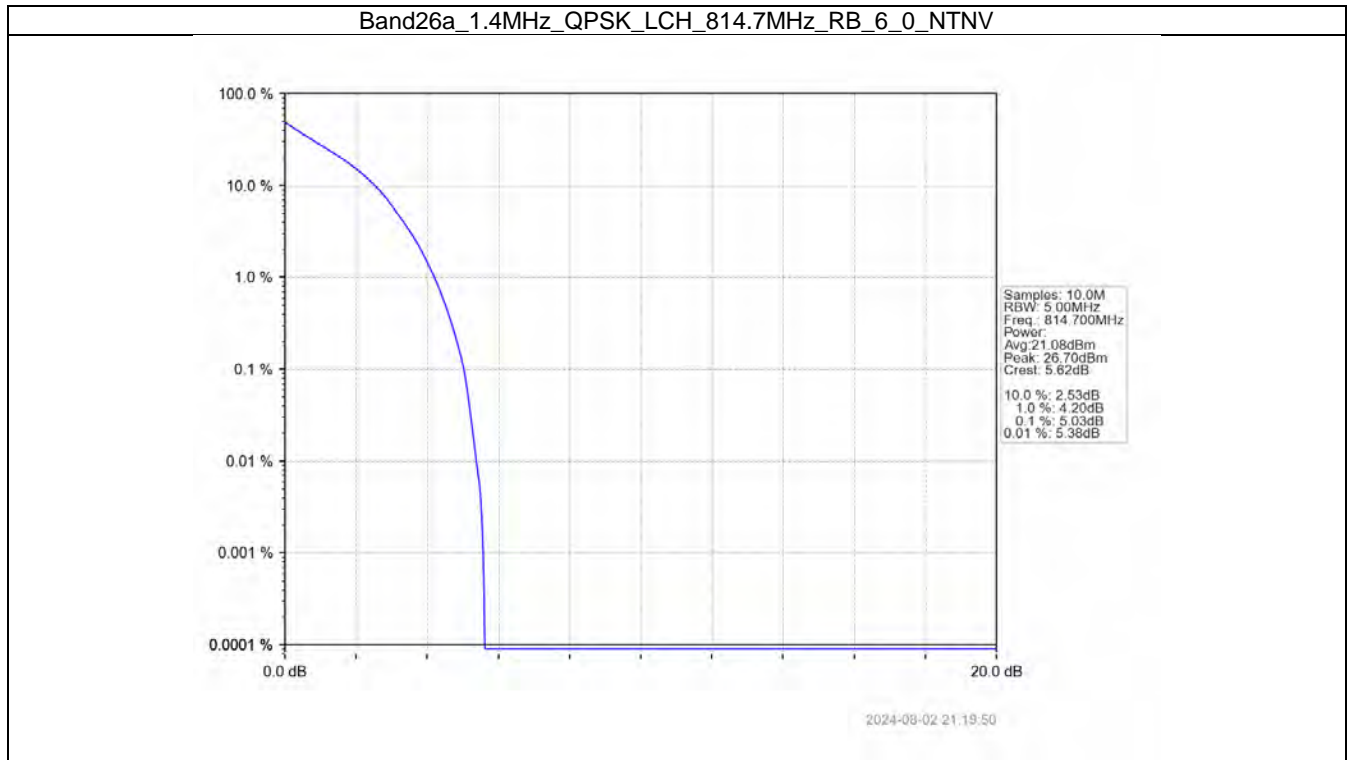
Band: 26a / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.48	<=13	Pass
	819	25	0	5.61	<=13	Pass
	821.5	25	0	5.52	<=13	Pass
16QAM	816.5	25	0	6.16	<=13	Pass
	819	25	0	6.27	<=13	Pass
	821.5	25	0	6.18	<=13	Pass

5.1.4 B26a_10MHz

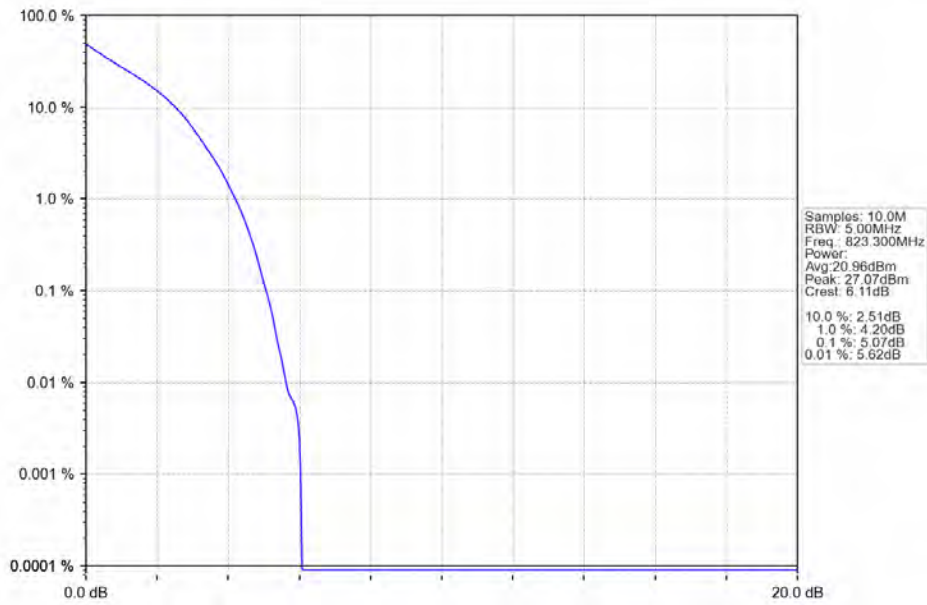
Band: 26a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.50	<=13	Pass
16QAM	819	50	0	6.22	<=13	Pass

5.2 Test Graph

5.2.1 B26a_1.4MHz

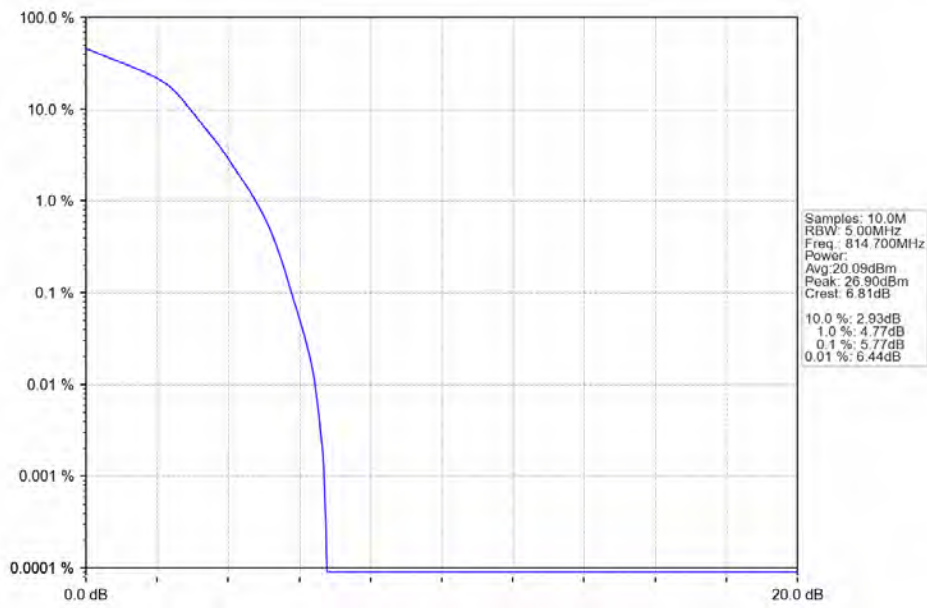


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



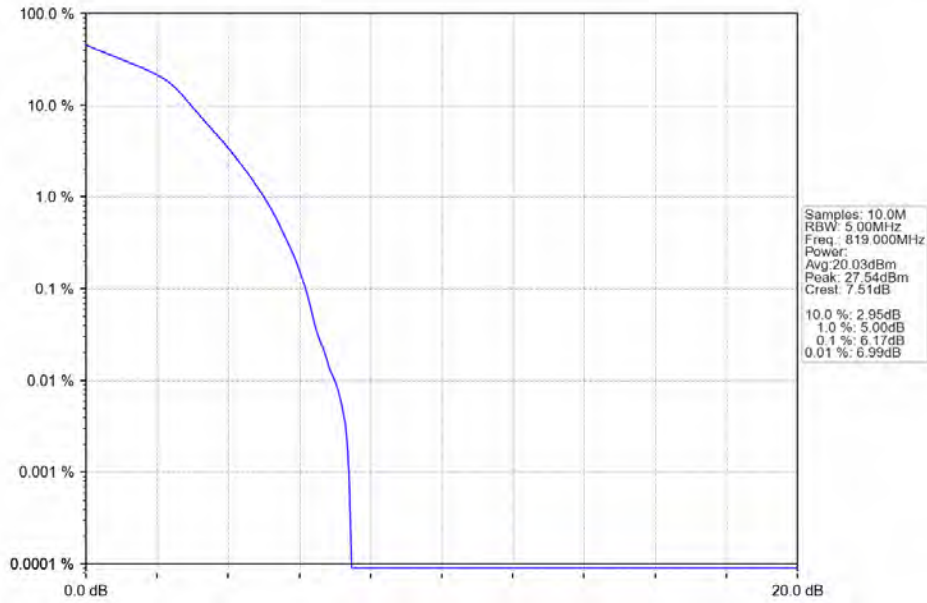
2024-08-02 21:22:51

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



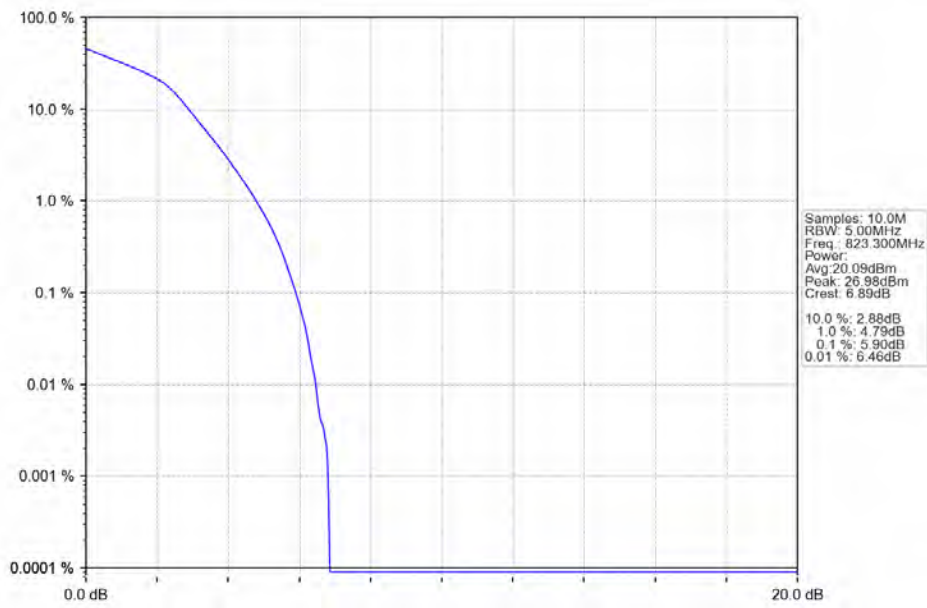
2024-08-02 21:20:20

Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



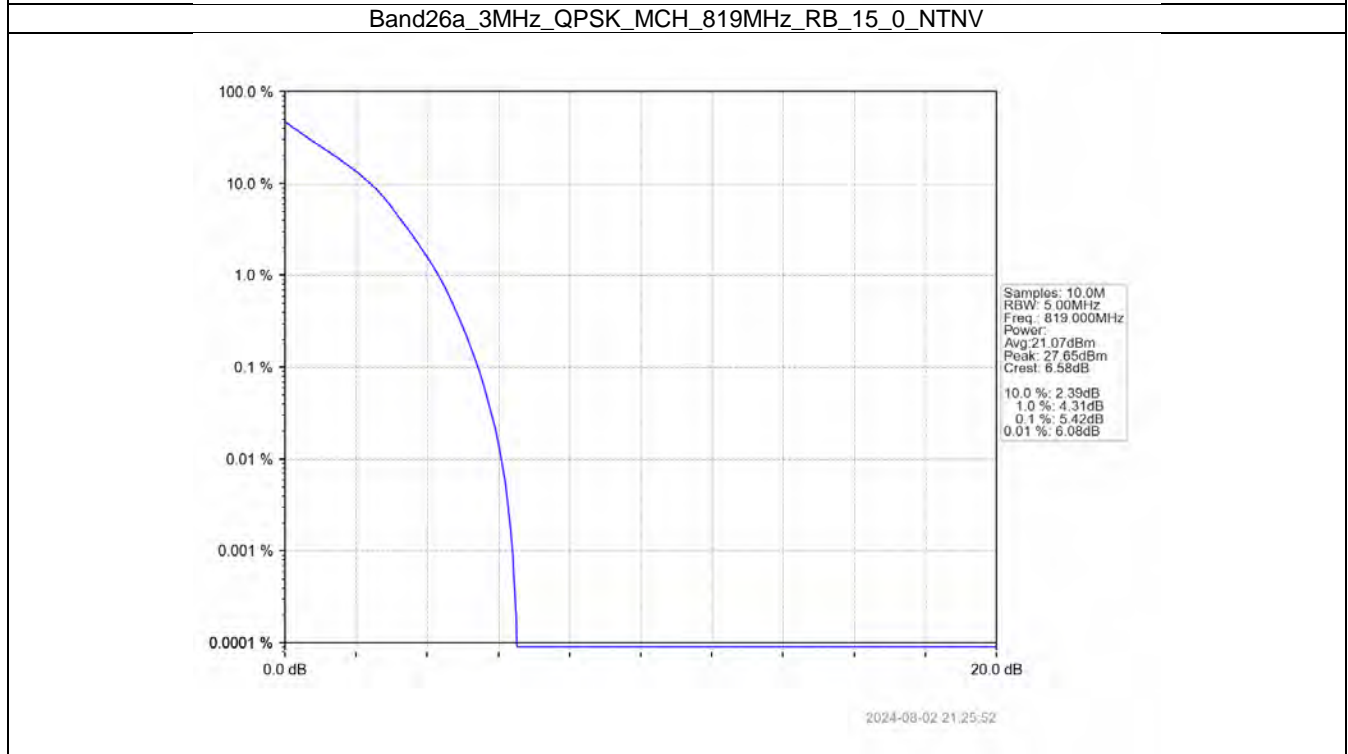
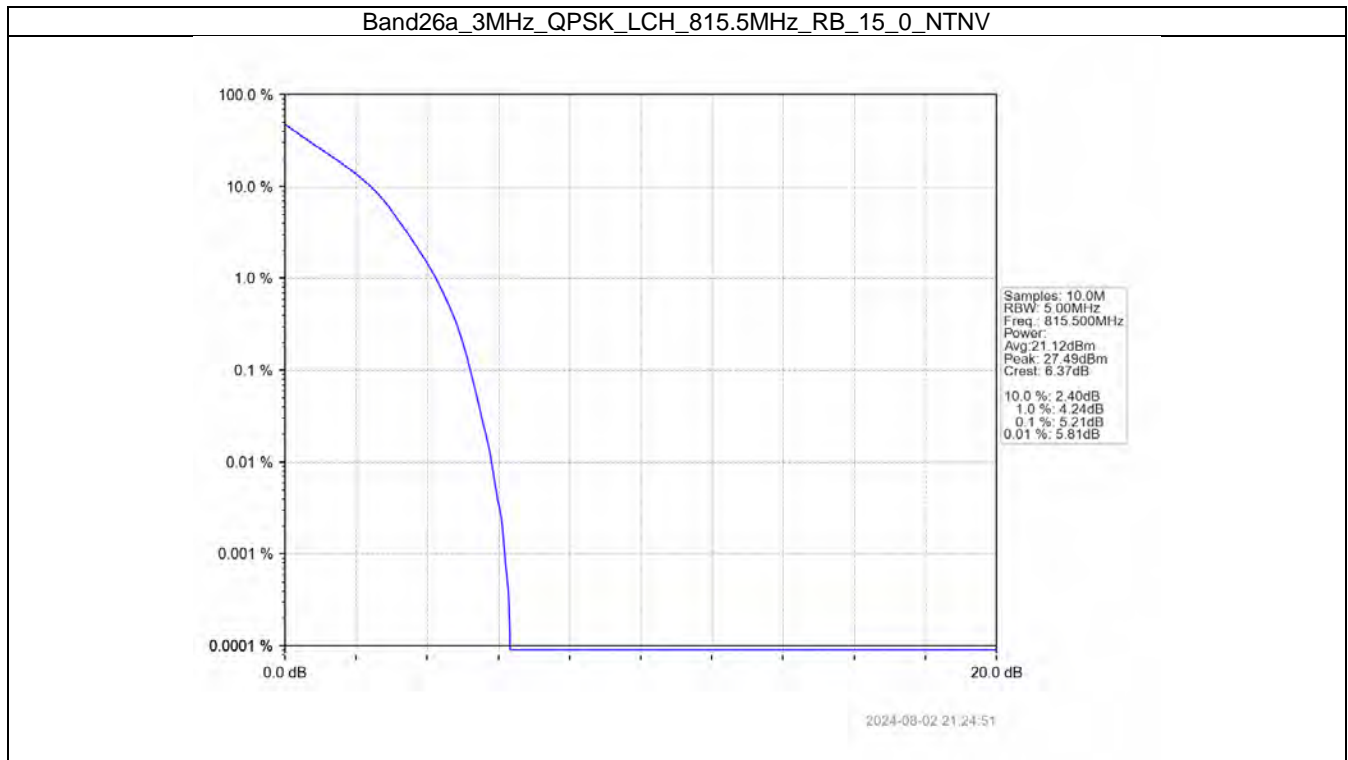
2024-08-02 21:22:19

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

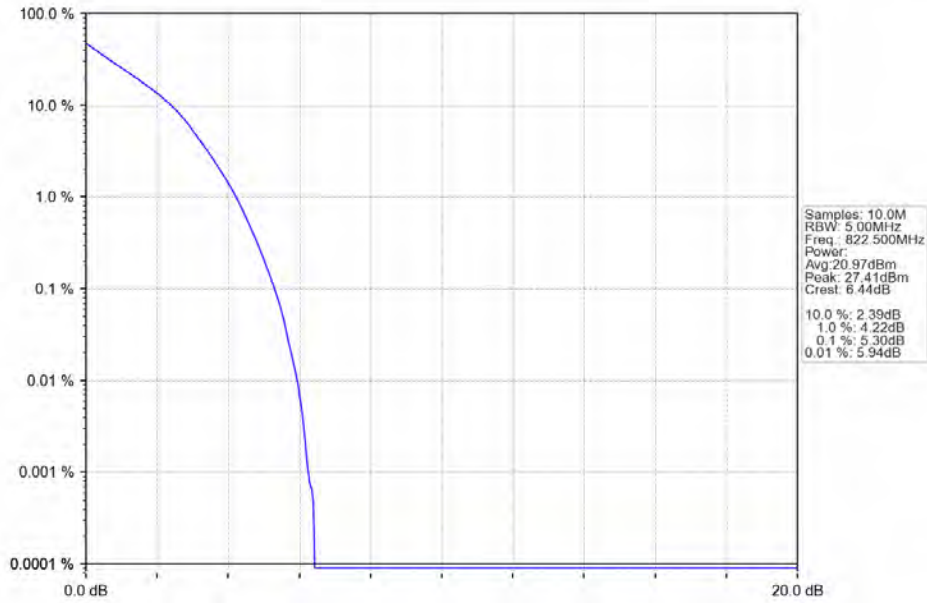


2024-08-02 21:23:57

5.2.2 B26a_3MHz

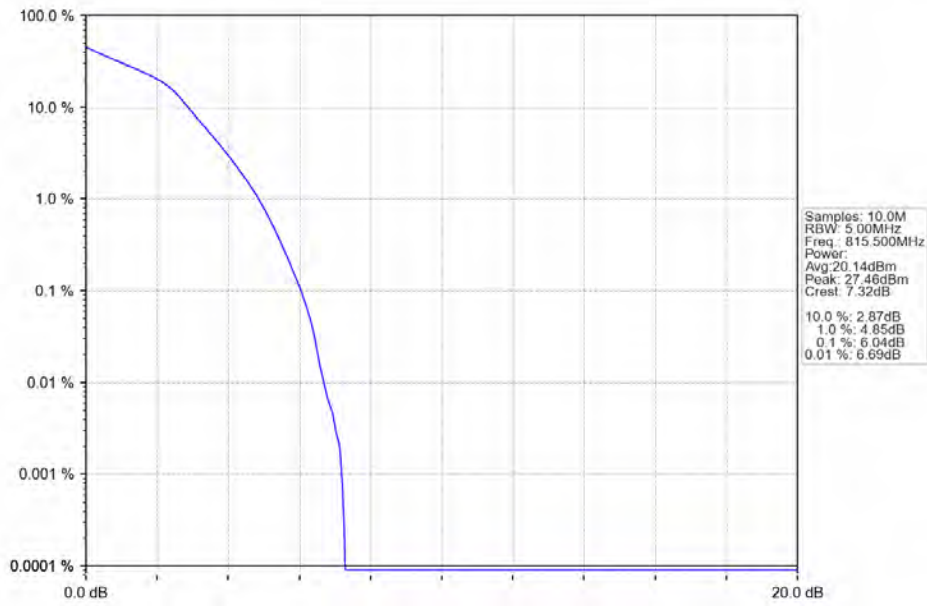


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



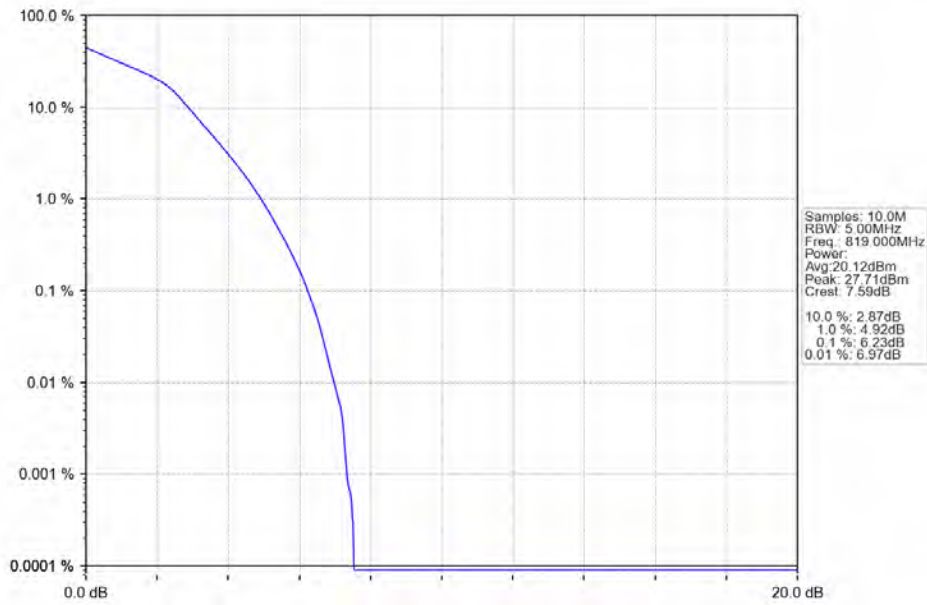
2024-08-02 21:26:56

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



2024-08-02 21:25:22

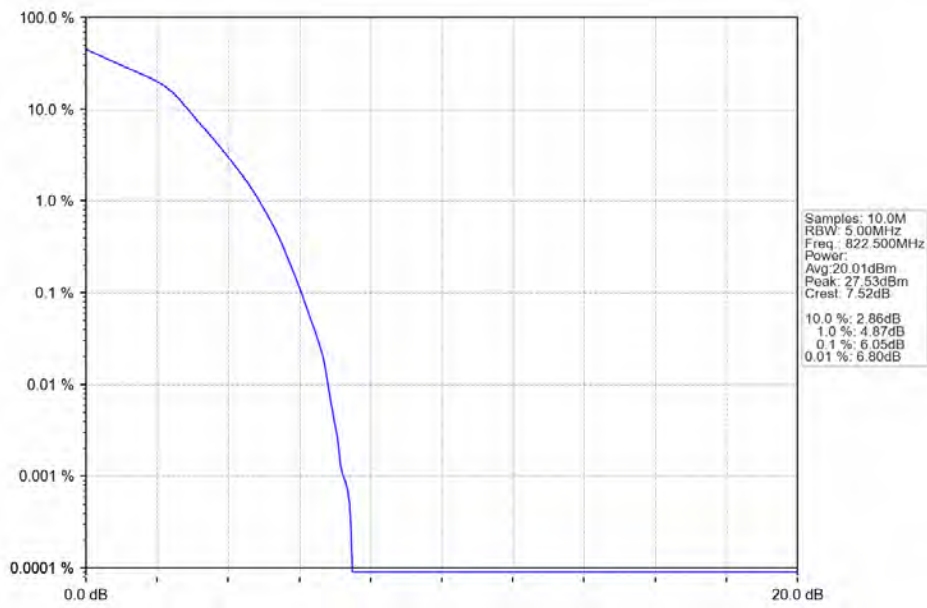
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq.: 819.000MHz
Power:
Avg: 20.12dBm
Peak: 27.71dBm
Crest: 7.59dB
10.0 %: 2.87dB
1.0 %: 4.92dB
0.1 %: 6.23dB
0.01 %: 6.97dB

2024-08-02 21:26:24

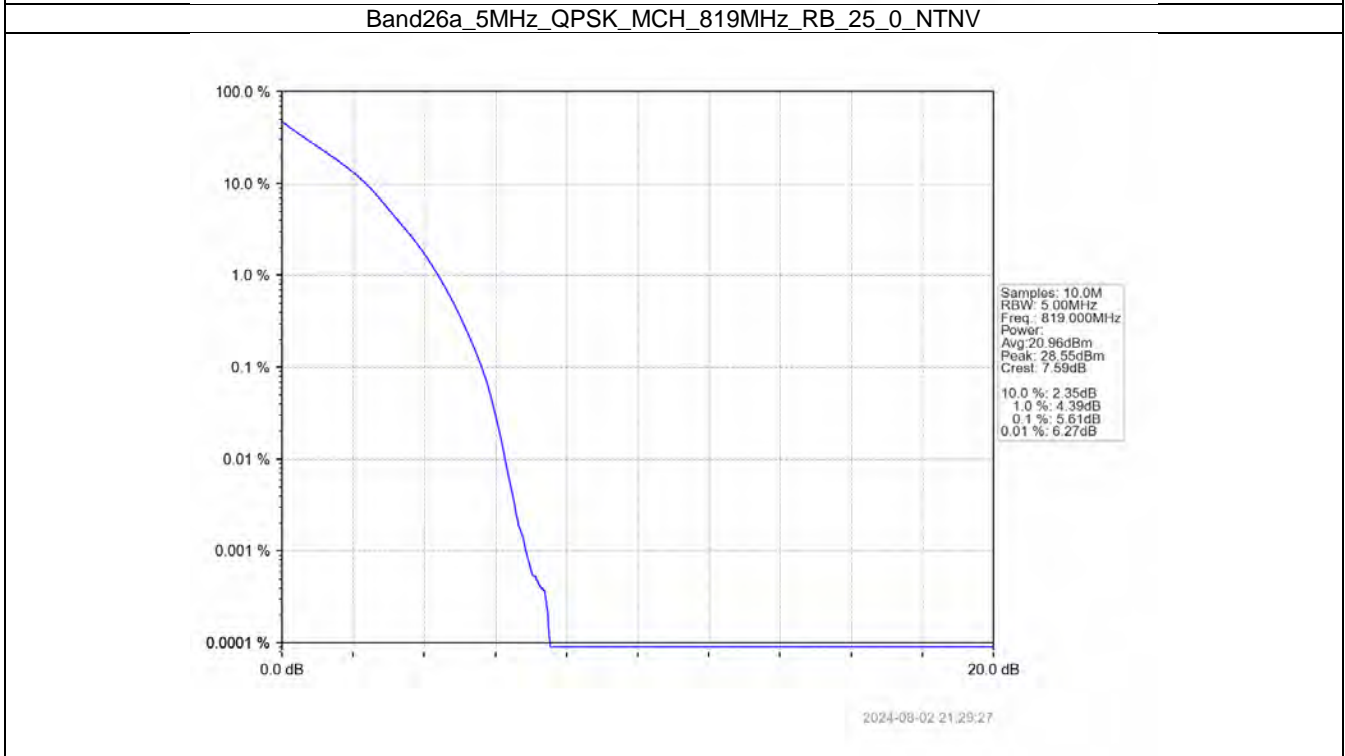
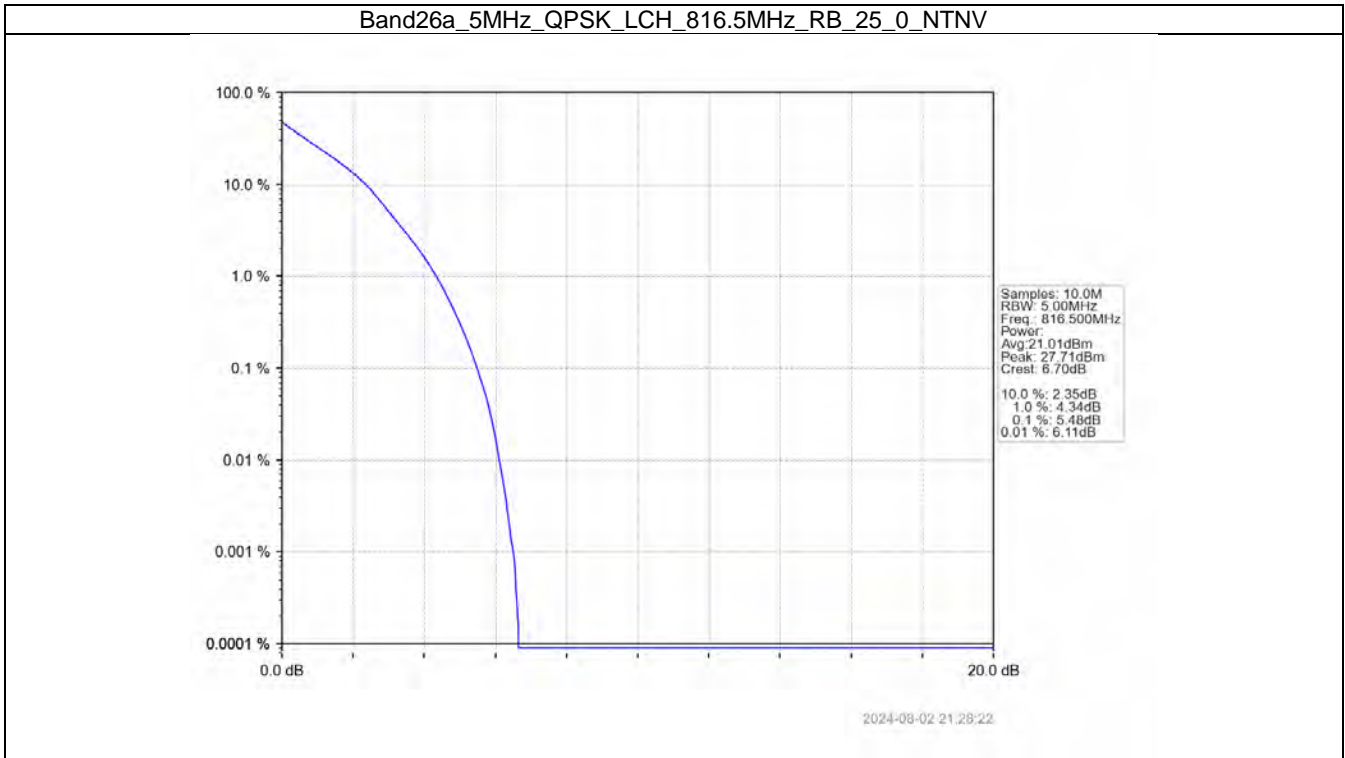
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



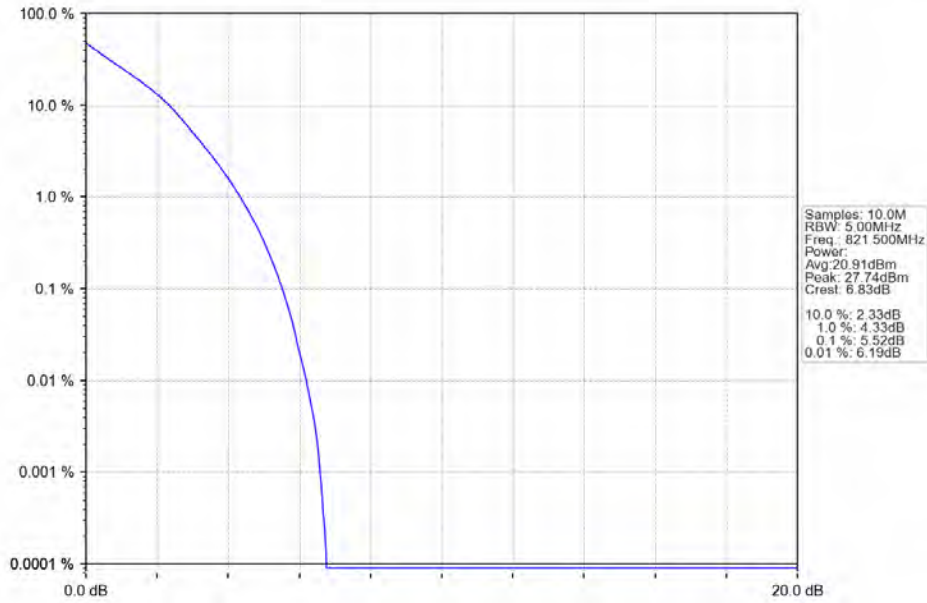
Samples: 10.0M
RBW: 5.00MHz
Freq.: 822.500MHz
Power:
Avg: 20.01dBm
Peak: 27.53dBm
Crest: 7.52dB
10.0 %: 2.86dB
1.0 %: 4.87dB
0.1 %: 6.05dB
0.01 %: 6.80dB

2024-08-02 21:27:27

5.2.3 B26a_5MHz

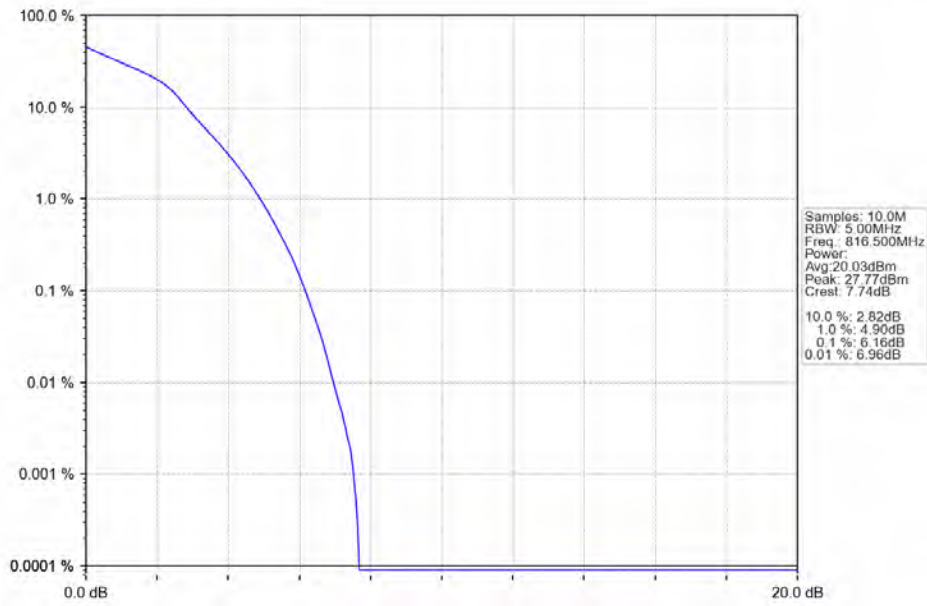


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



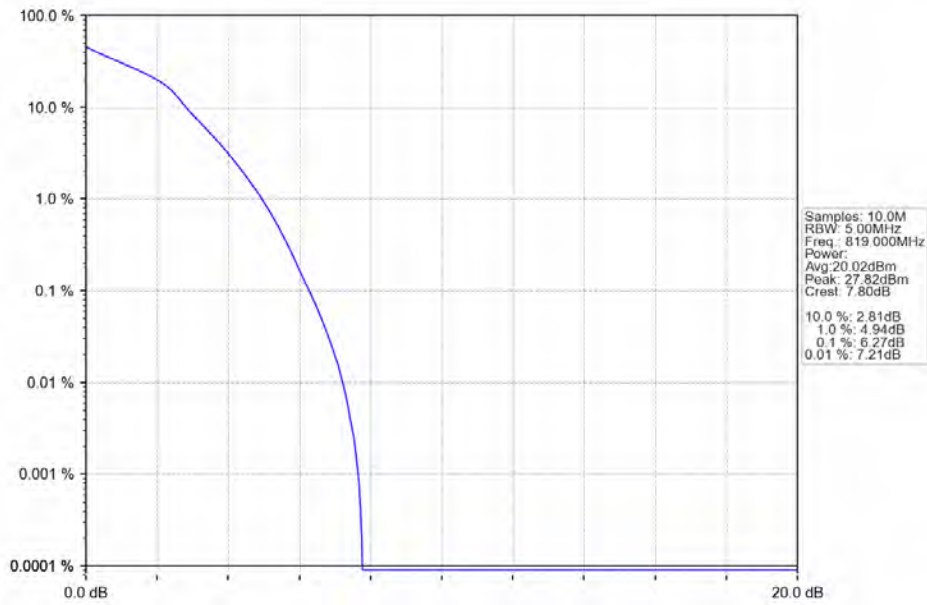
2024-08-02 21:30:33

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



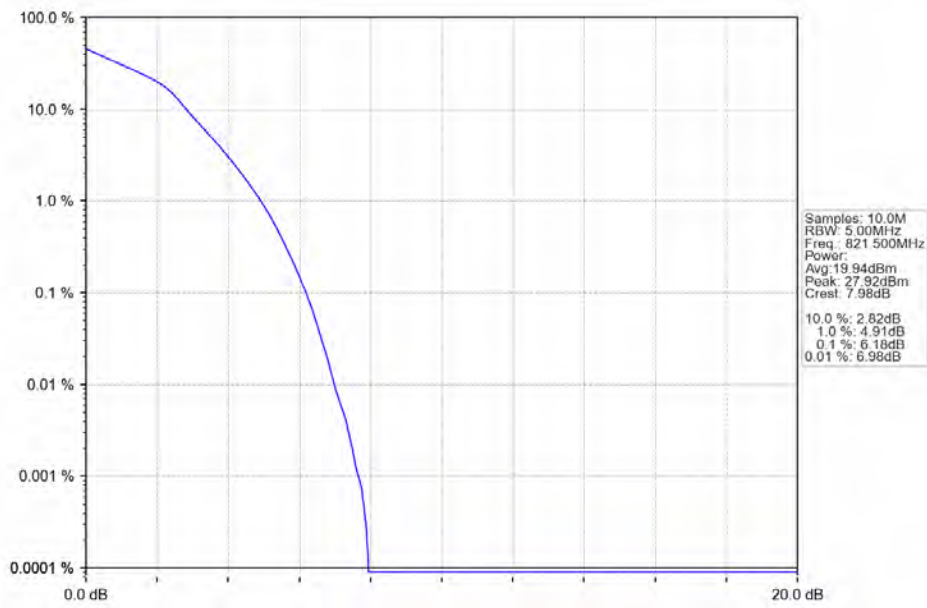
2024-08-02 21:28:54

Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



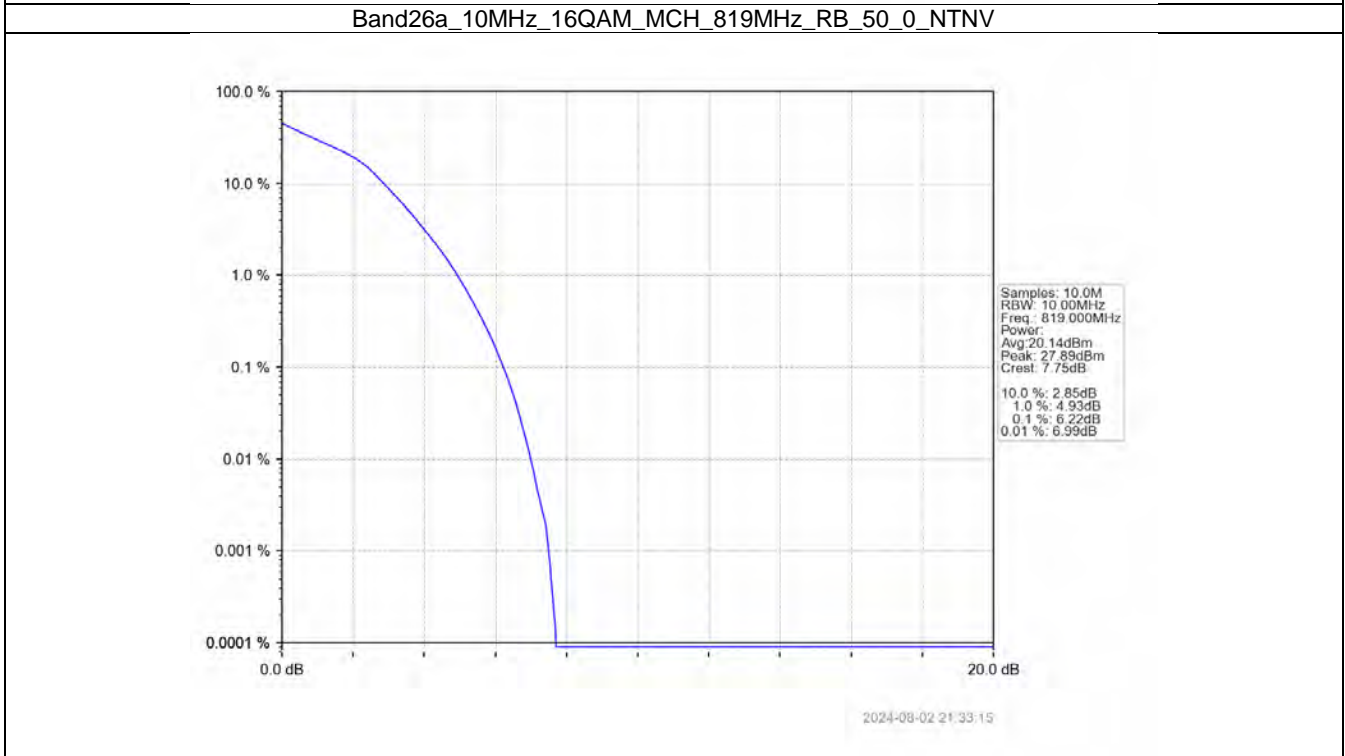
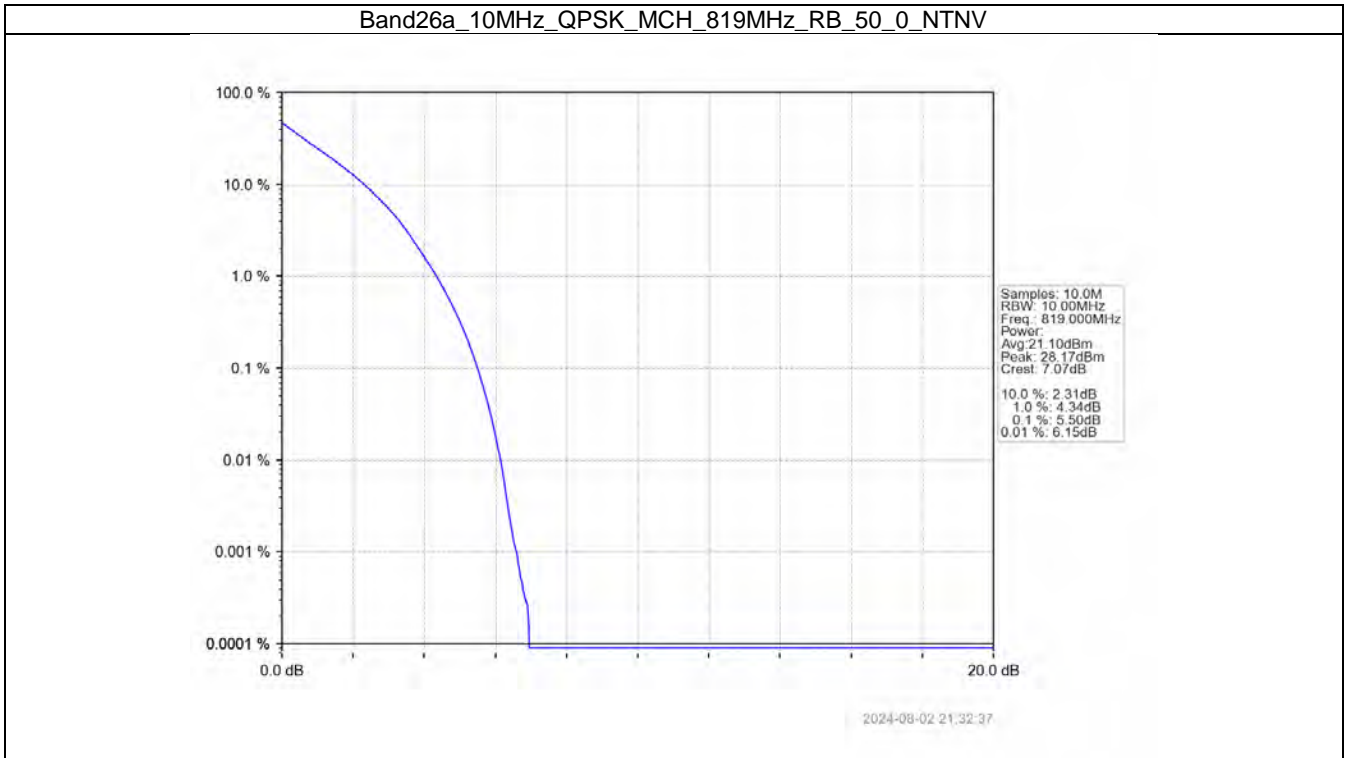
2024-08-02 21:29:59

Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



2024-08-02 21:31:05

5.2.4 B26a_10MHz



6. Spurious Emission

6.1 Test Result

6.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	814.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	823.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	816.5	1	0	Refer To Test Graph		Pass

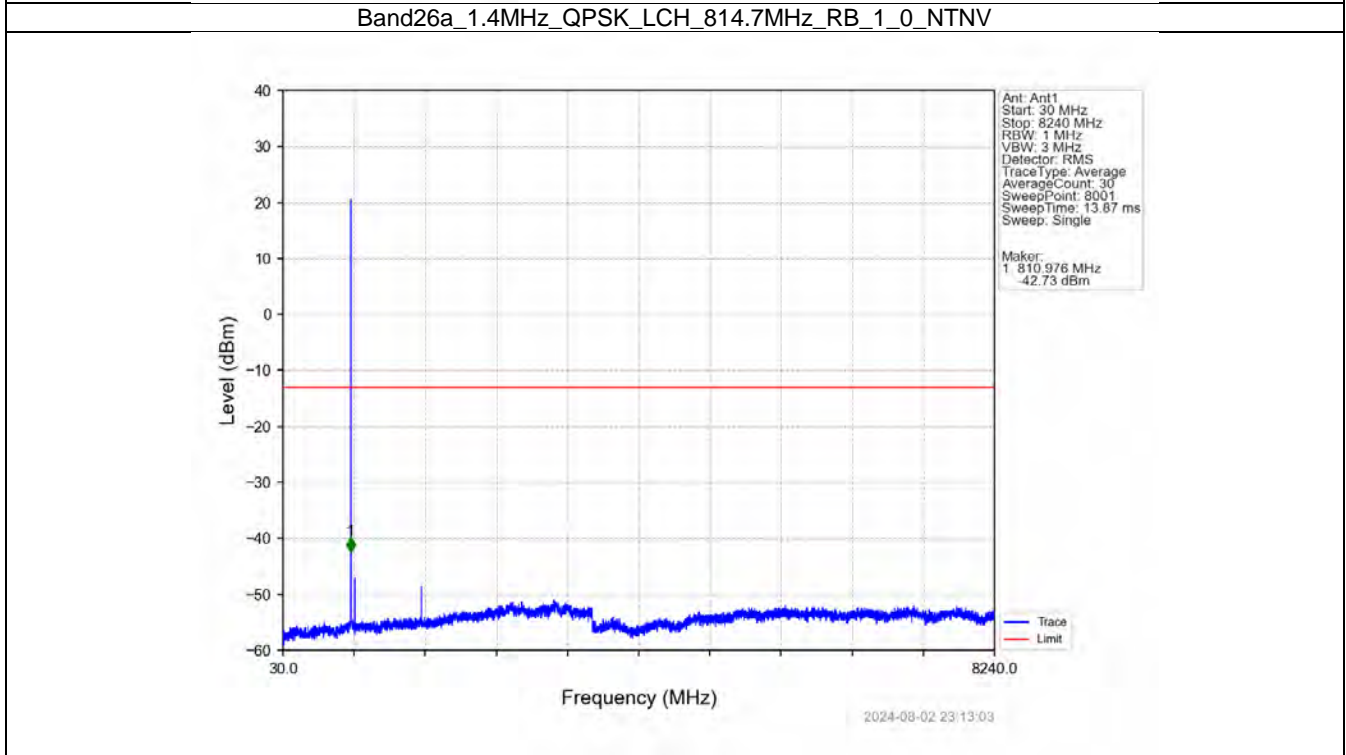
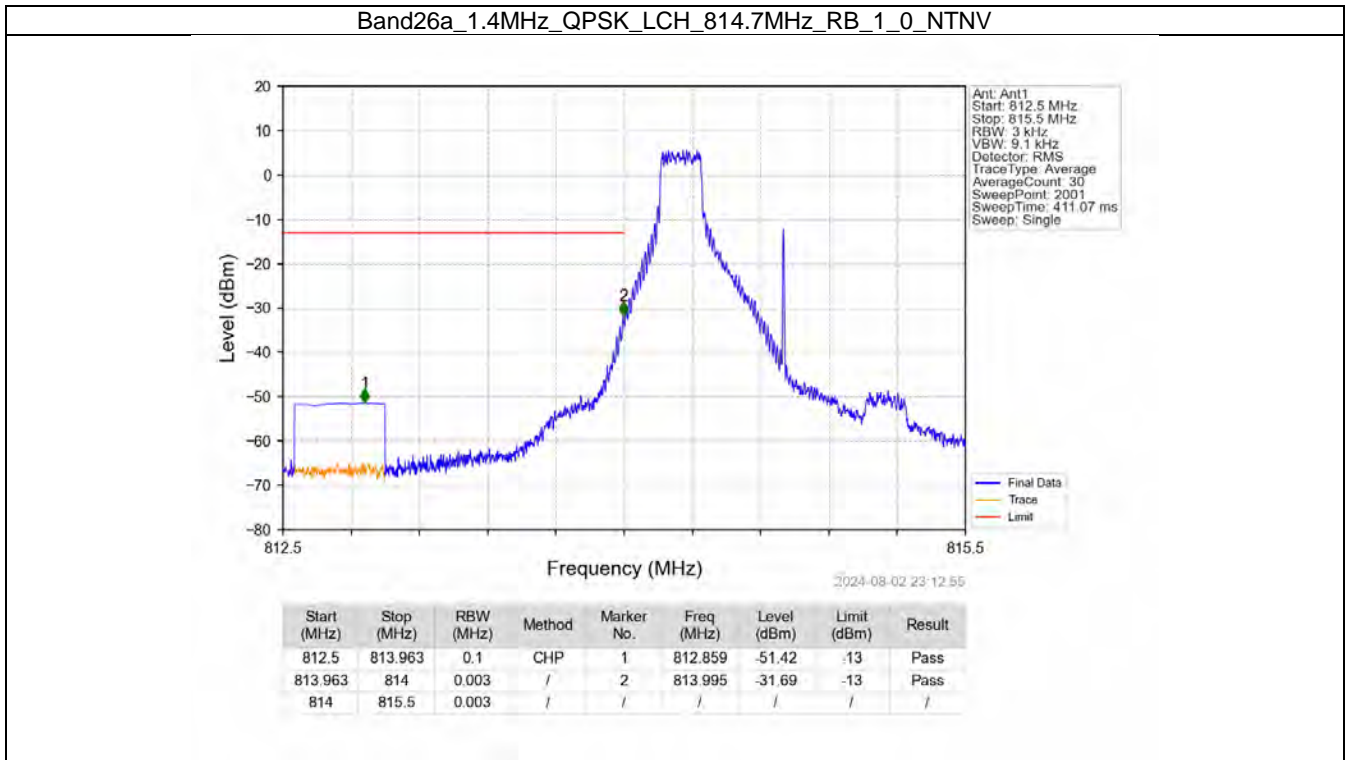
		25	0	Refer To Test Graph	Pass
	819	1	0	Refer To Test Graph	Pass
	821.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B26a_10MHz

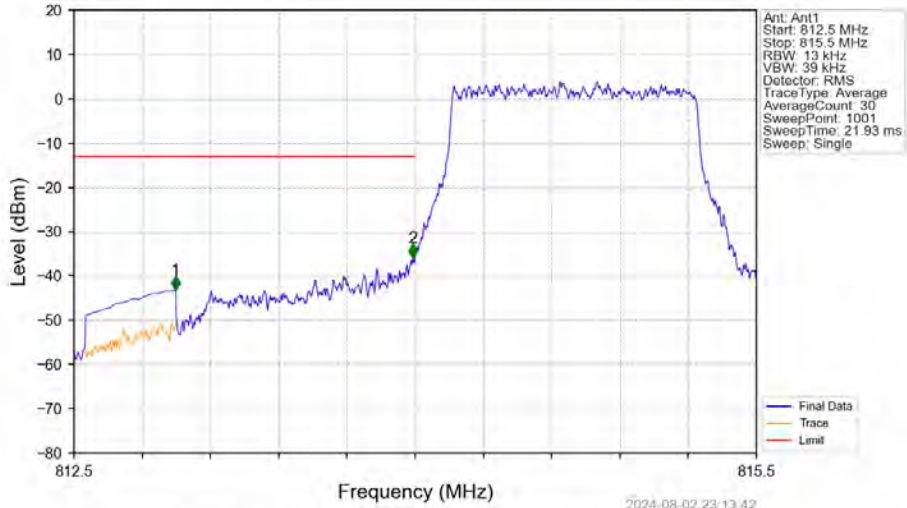
Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	819	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	819	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

6.2.1 B26a_1.4MHz



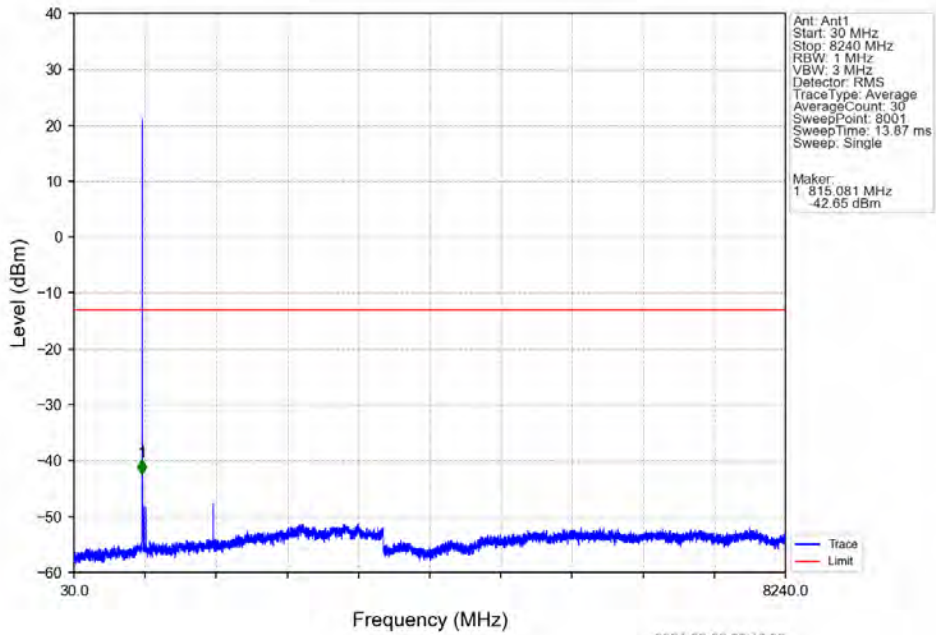
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



2024-08-02 23:13:42

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813.963	0.1	CHP	1	812.947	-43.17	-13	Pass
813.963	814	0.013	/	2	813.991	-35.87	-13	Pass
814	815.5	0.013	/	/	/	/	/	/

Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

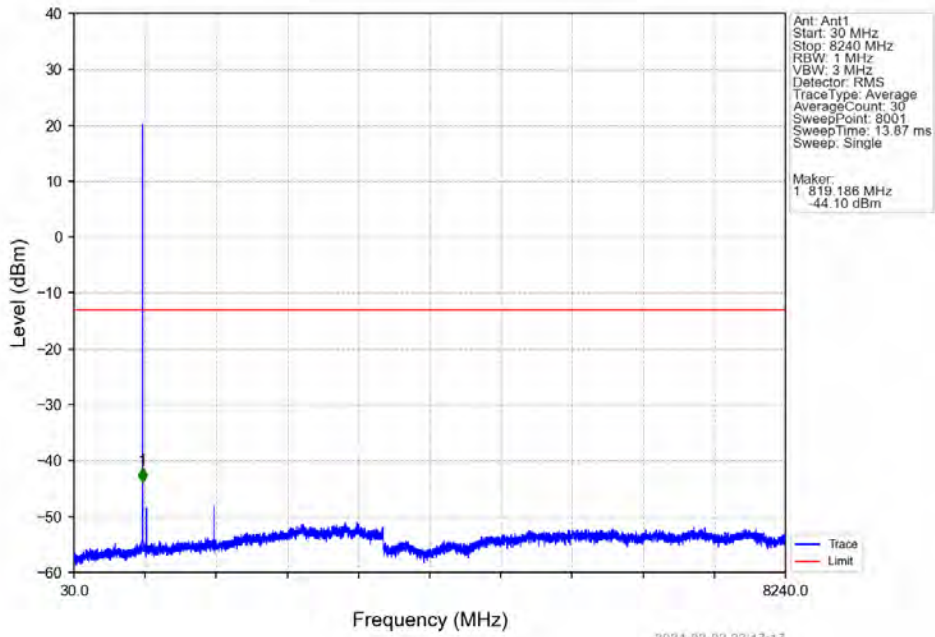


Ant: Ant1
 Start: 30 MHz
 Stop: 8240 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 8001
 Sweep Time: 13.87 ms
 Sweep: Single

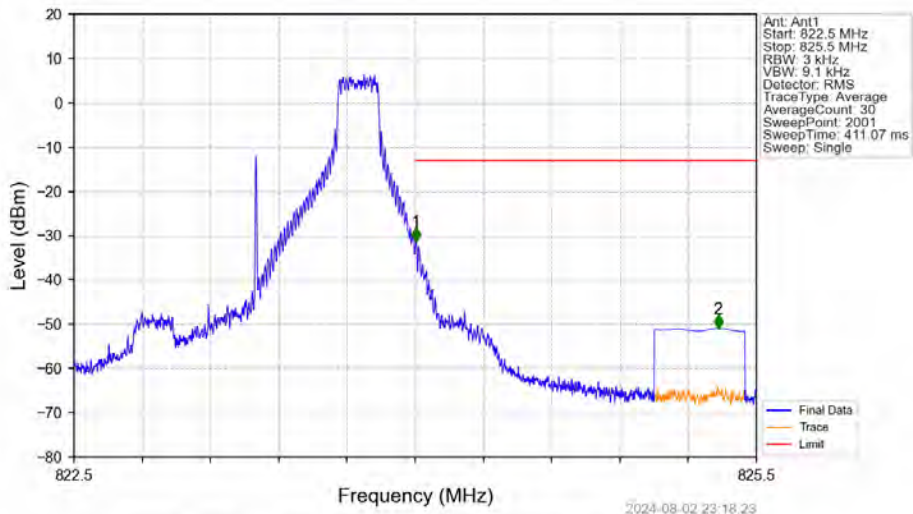
Marker:
 1 31.5081 MHz
 -42.65 dBm

2024-08-02 23:16:32

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

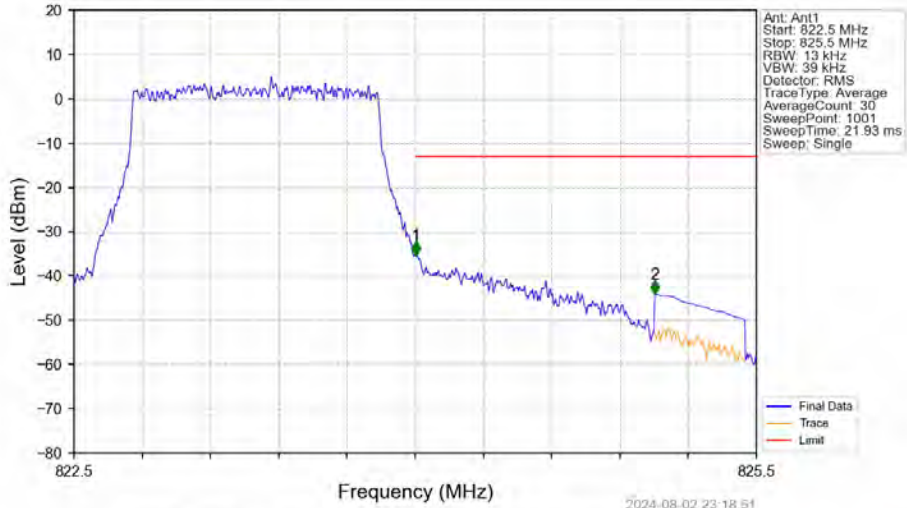


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.003	-31.32	-13	Pass
825	825.5	0.1	CHP	2	825.332	-50.94	-13	Pass

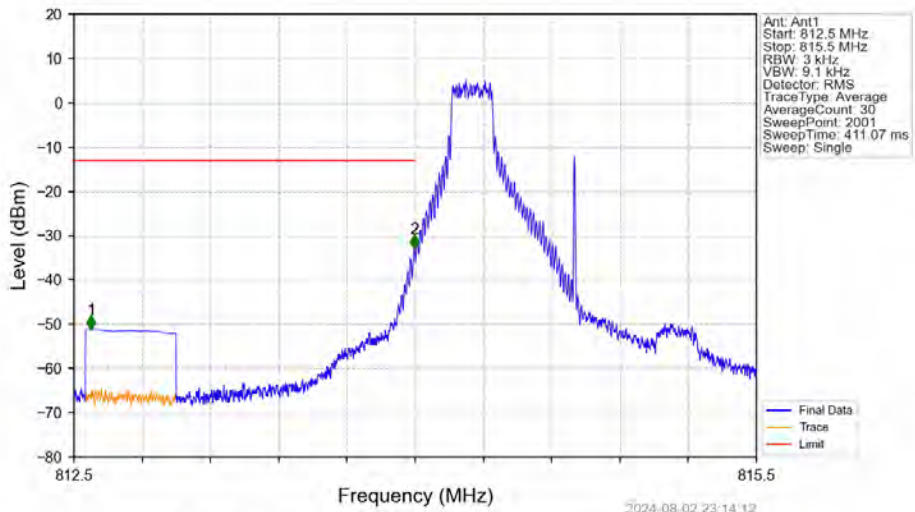
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



2024-08-02 23:18:51

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.003	-35.38	-13	Pass
825	825.5	0.1	CHP	2	825.053	-44.05	-13	Pass

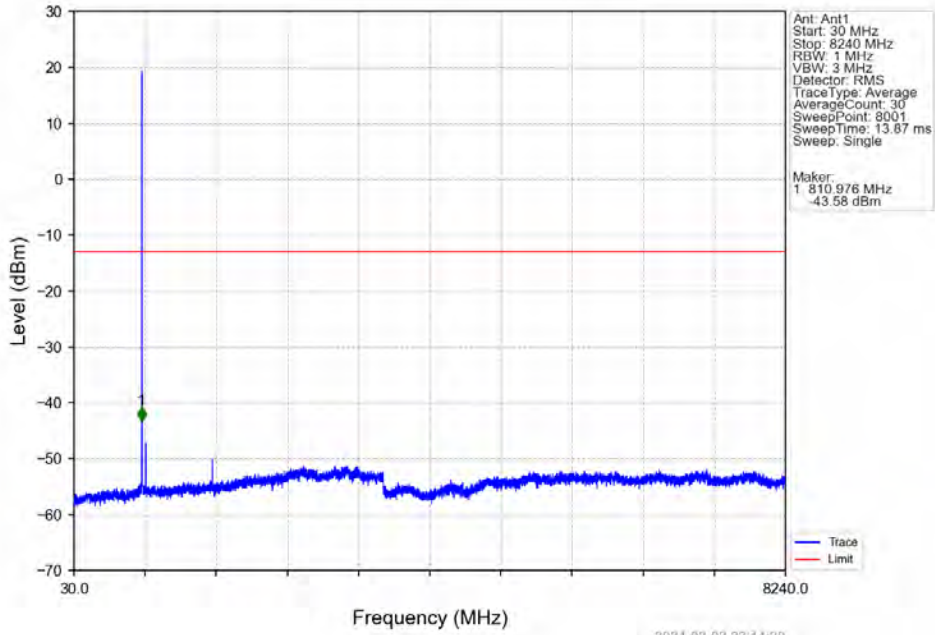
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV



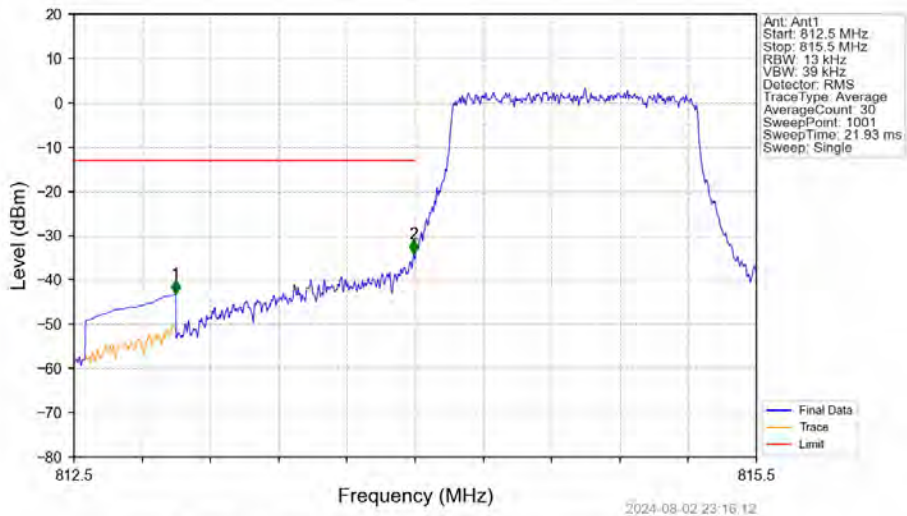
2024-08-02 23:14:12

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813.963	0.1	CHP	1	812.575	-51.16	-13	Pass
813.963	814	0.003	/	2	813.997	-32.91	-13	Pass
814	815.5	0.003	/	/	/	/	/	/

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

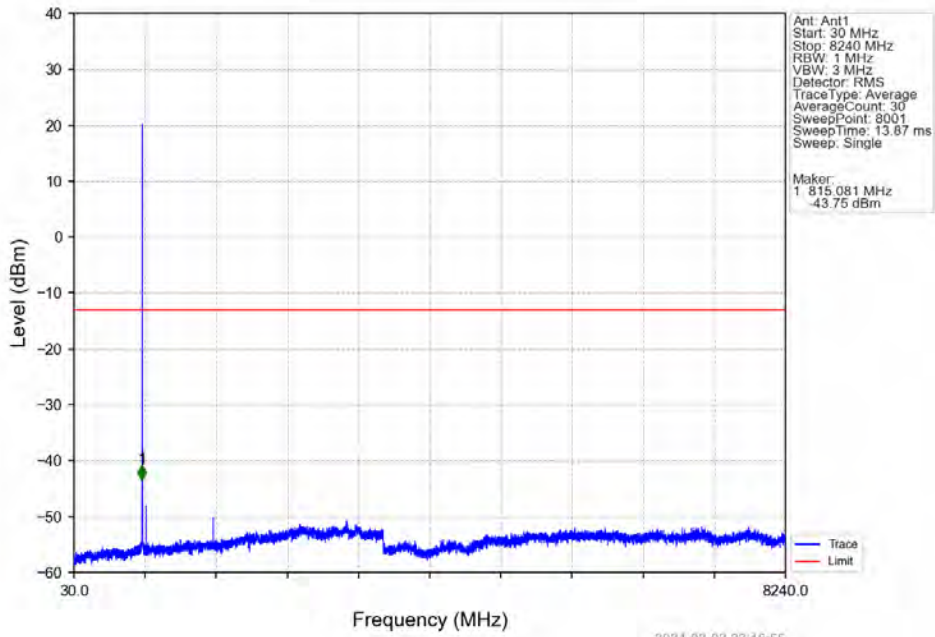


Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

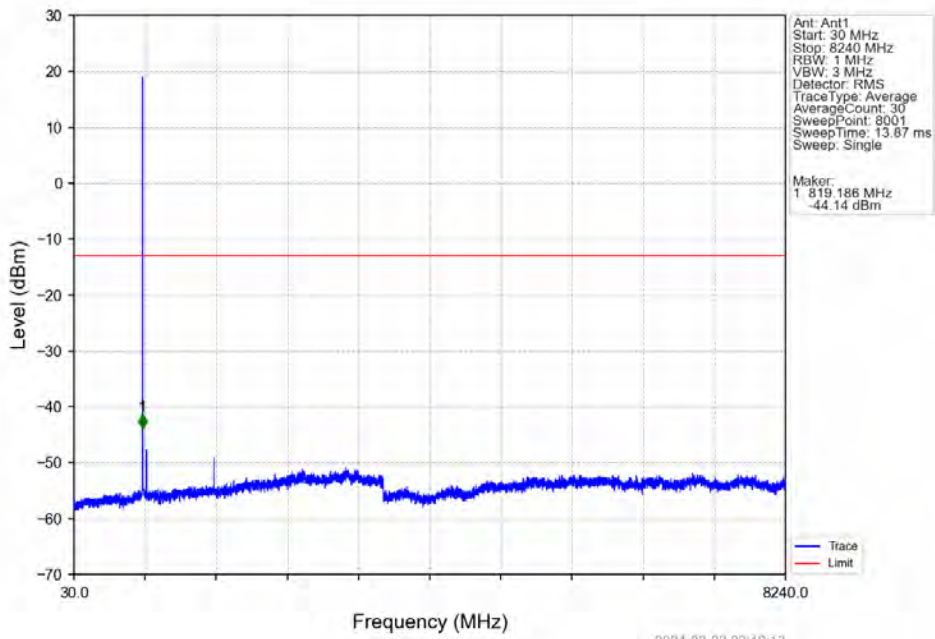


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813.963	0.1	CHP	1	812.947	-43.16	-13	Pass
813.963	814	0.013	/	2	813.994	-34.03	-13	Pass
814	815.5	0.013	/	/	/	/	/	/

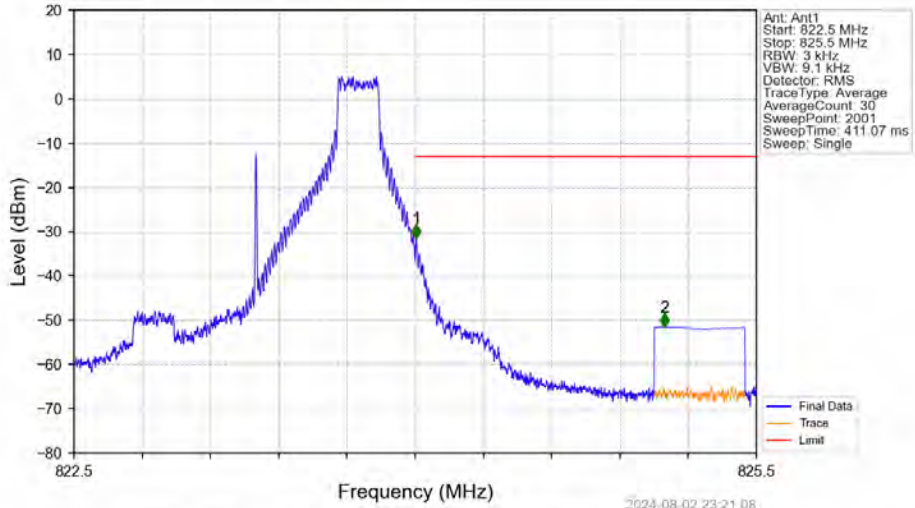
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_0_NTNV

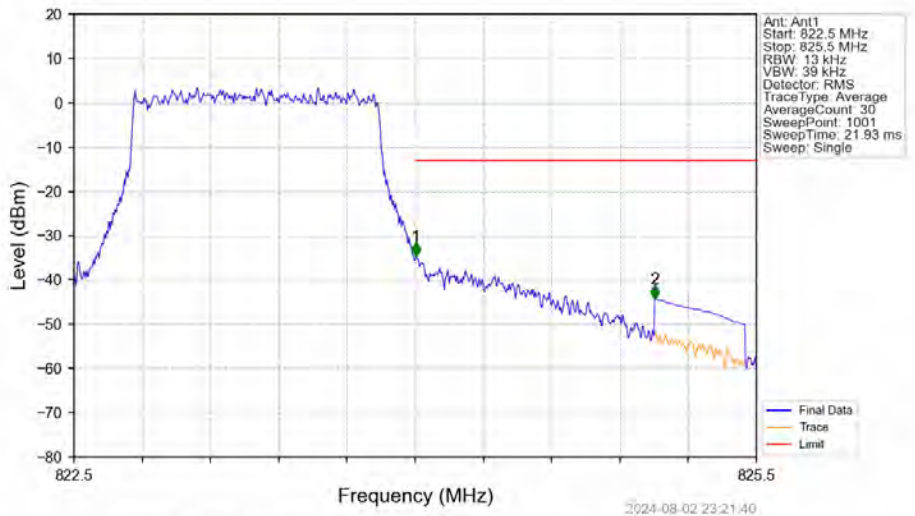


Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_1_5_NTNV



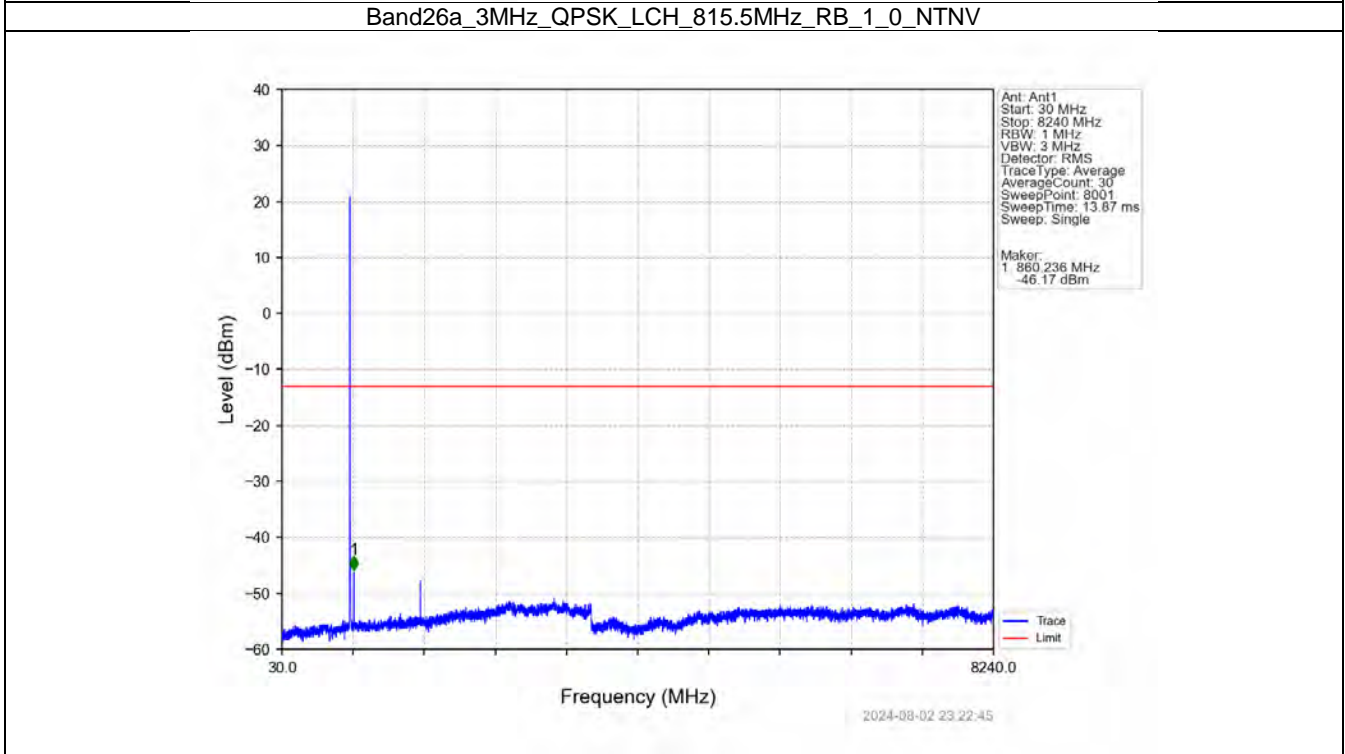
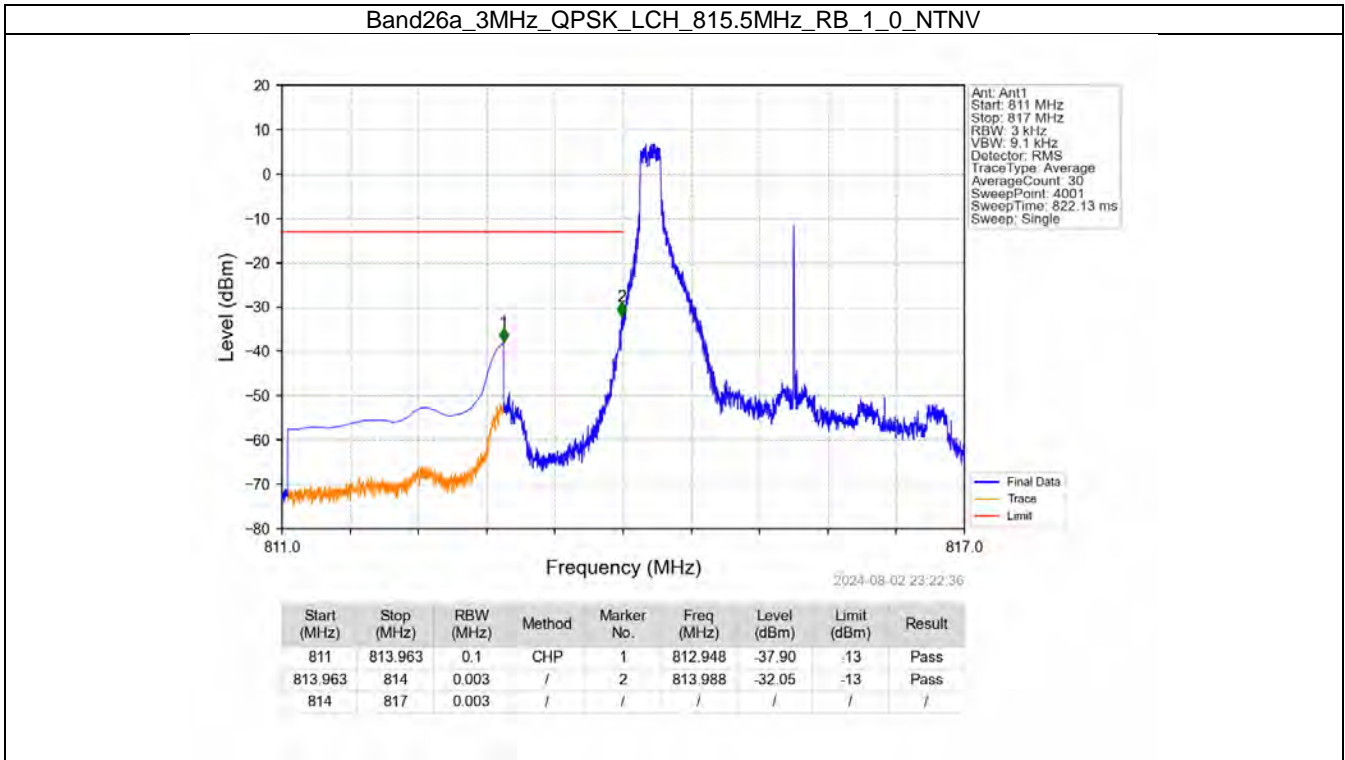
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.005	-31.57	-13	Pass
825	825.5	0.1	CHP	2	825.096	-51.58	-13	Pass

Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

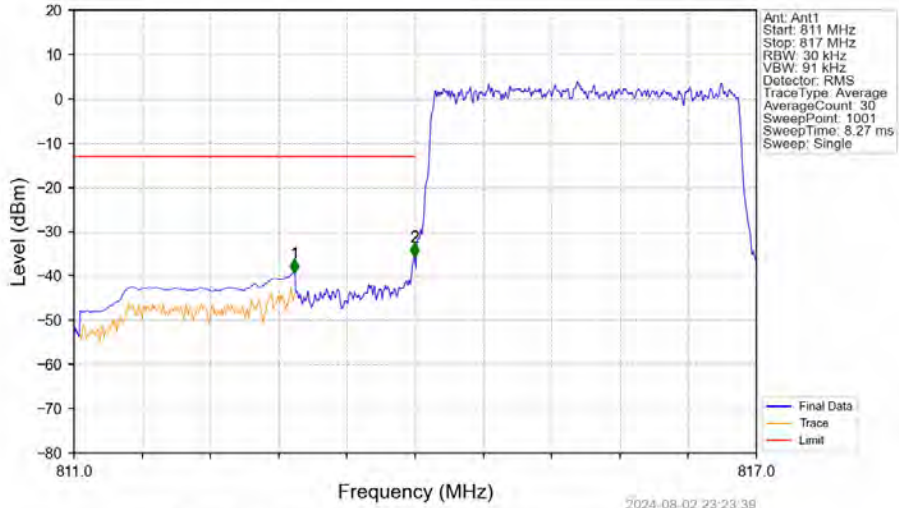


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.003	-34.56	-13	Pass
825	825.5	0.1	CHP	2	825.053	-44.26	-13	Pass

6.2.2 B26a_3MHz



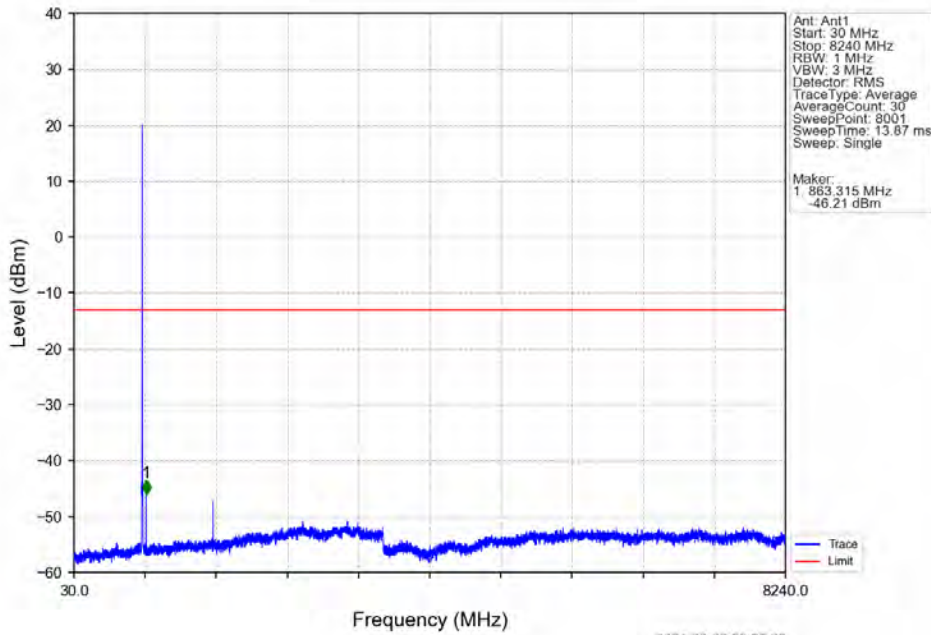
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813.963	0.1	CHP	1	812.938	-39.34	-13	Pass
813.963	814	0.03	/	2	813.994	-35.64	-13	Pass
814	817	0.03	/	/	/	/	/	/

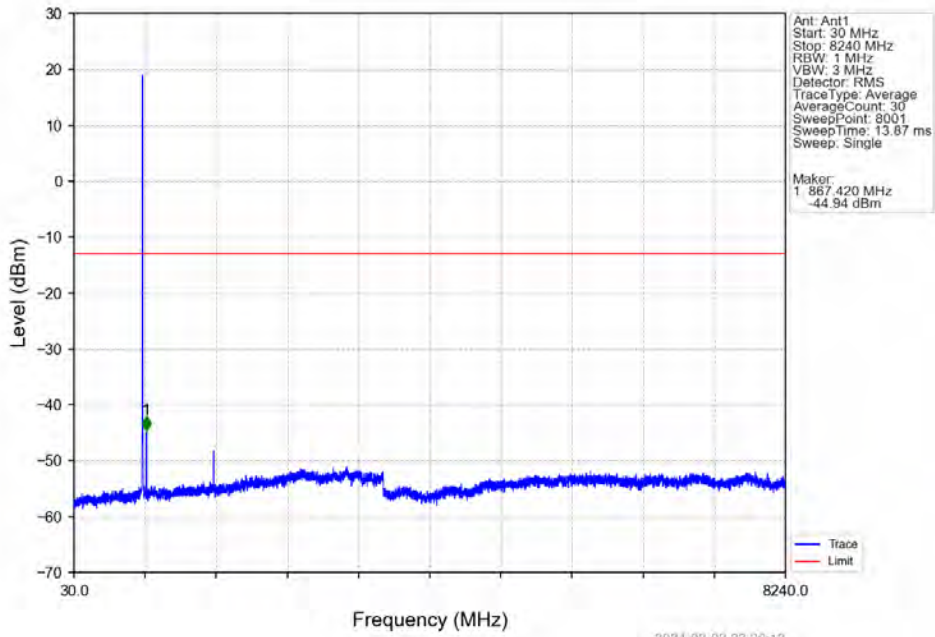
2024-08-02 23:23:39

Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

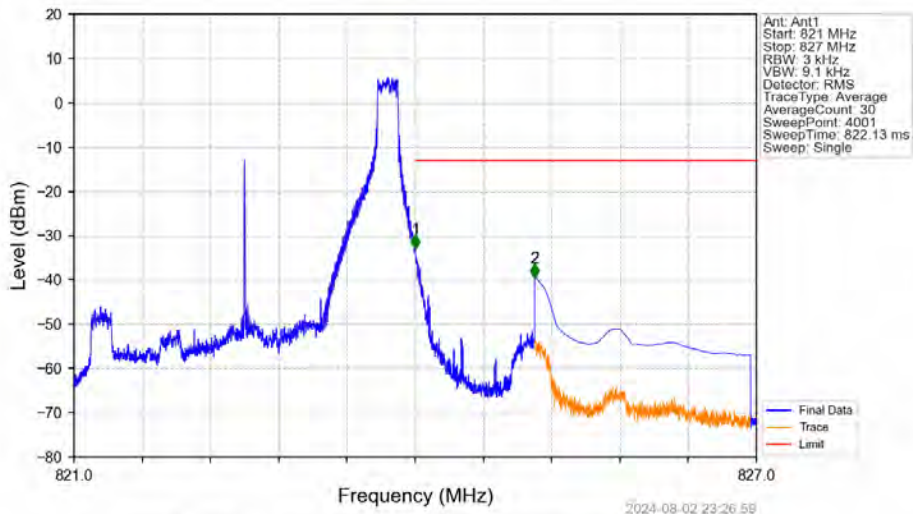


2024-08-02 23:25:23

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV

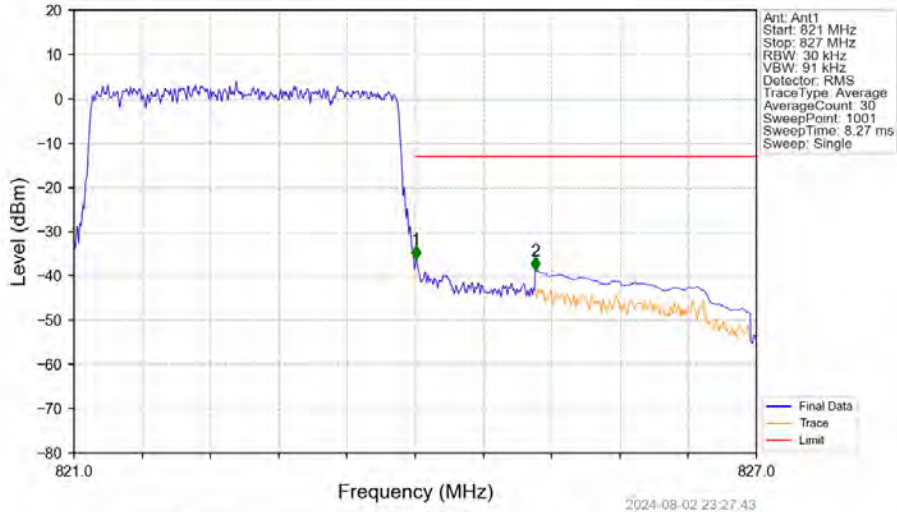


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



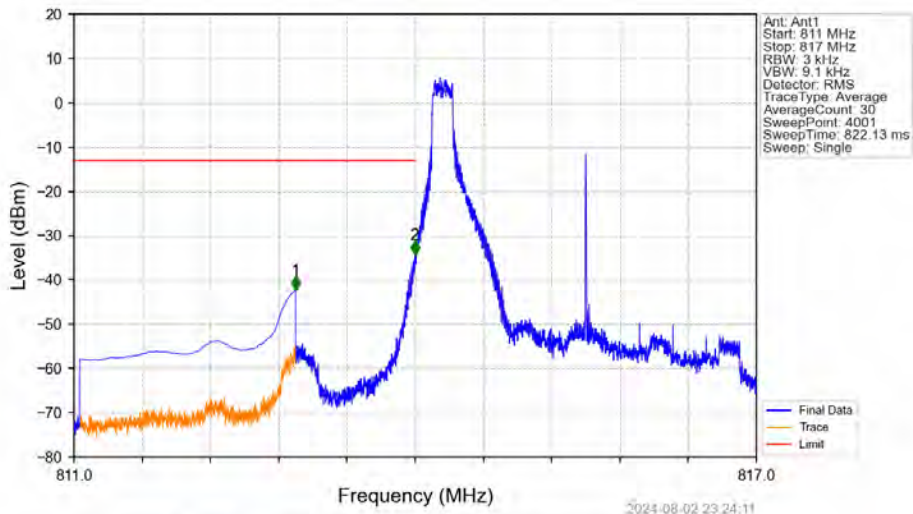
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.001	-32.87	-13	Pass
825	827	0.1	CHP	2	825.052	-39.47	-13	Pass

Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



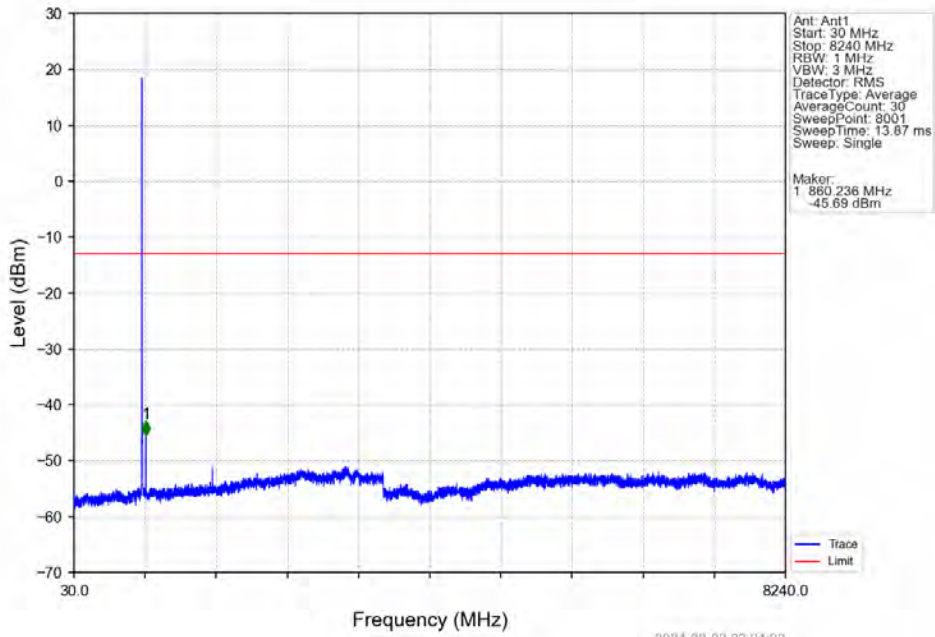
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.03	/	/	/	/	/	/
824	825	0.03	/	1	824.006	-36.19	-13	Pass
825	827	0.1	CHP	2	825.056	-38.71	-13	Pass

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV



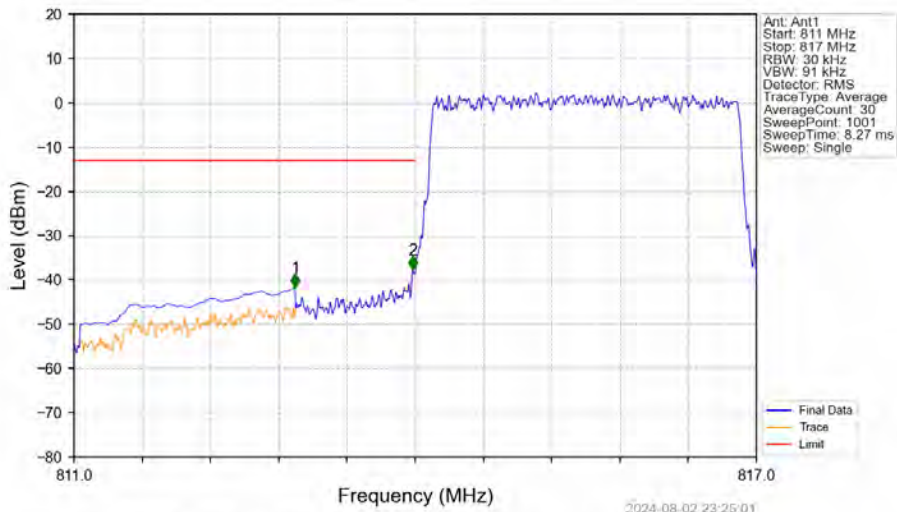
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813.963	0.1	CHP	1	812.948	-42.24	-13	Pass
813.963	814	0.003	/	2	813.997	-34.15	-13	Pass
814	817	0.003	/	/	/	/	/	/

Band26a_3MHz_16QAM_LCH_815.5MHz_RB_1_0_NTNV



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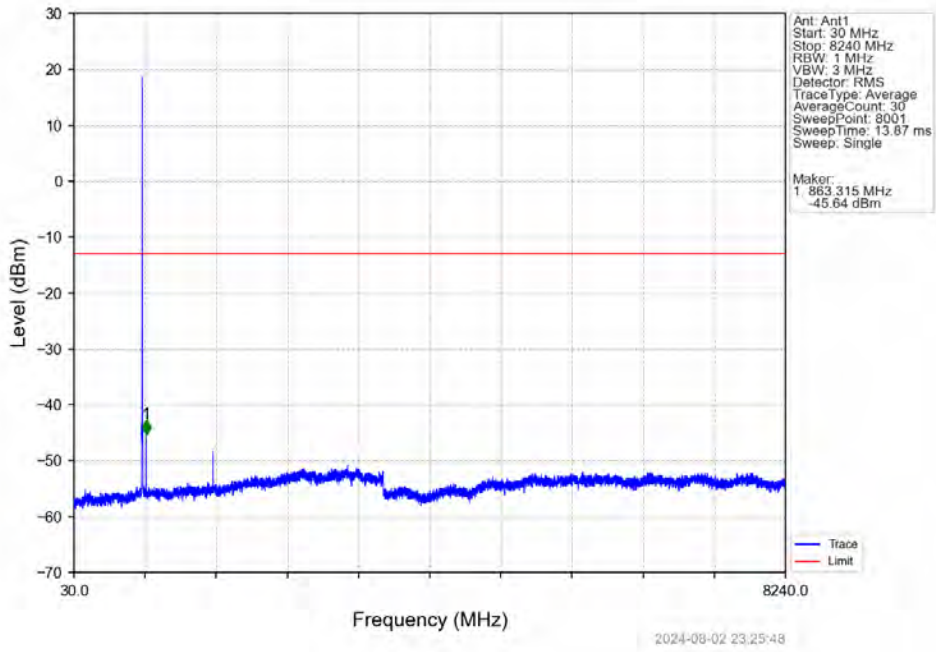
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



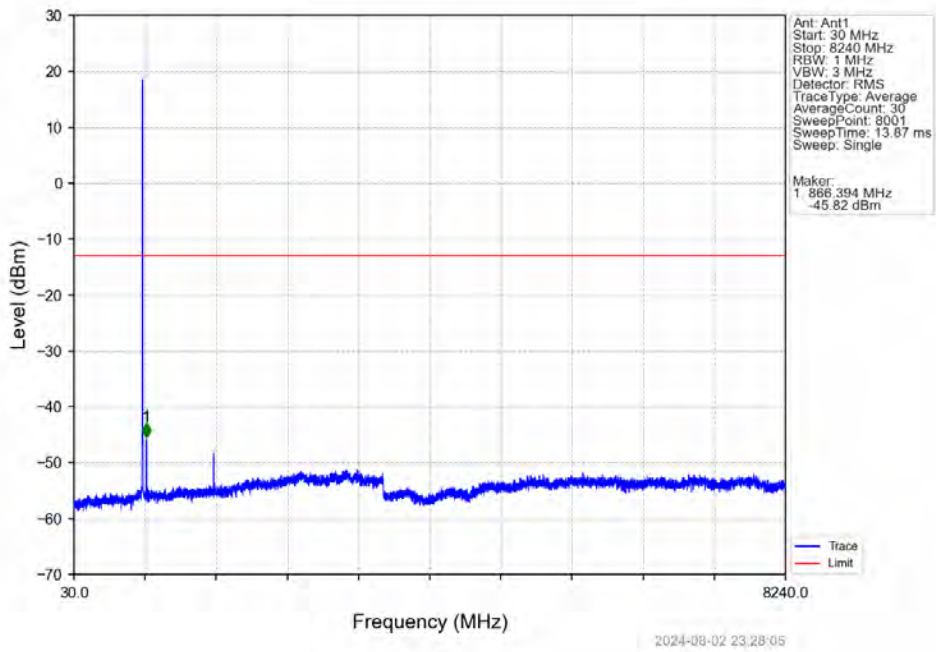
2024-08-02 23:25:01

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813.963	0.1	CHP	1	812.944	-41.72	-13	Pass
813.963	814	0.03	/	2	813.982	-37.72	-13	Pass
814	817	0.03	/	/	/	/	/	/

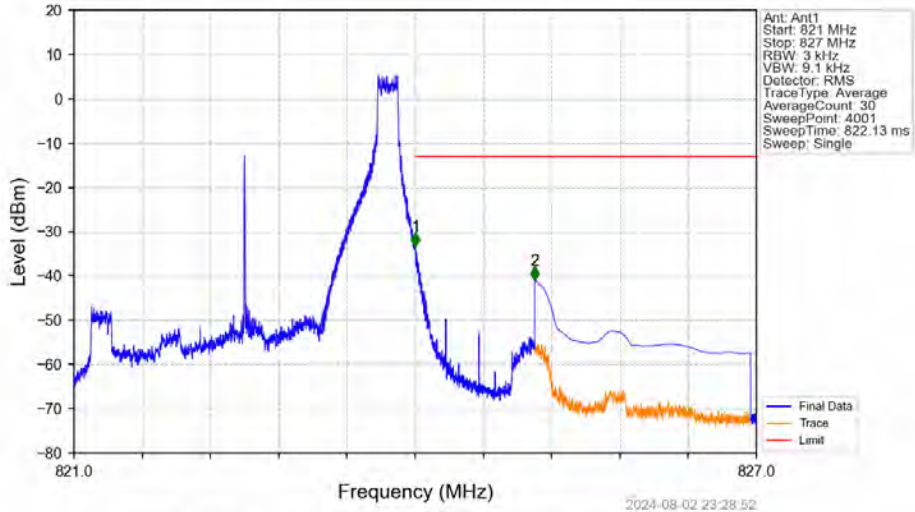
Band26a_3MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_0_NTNV



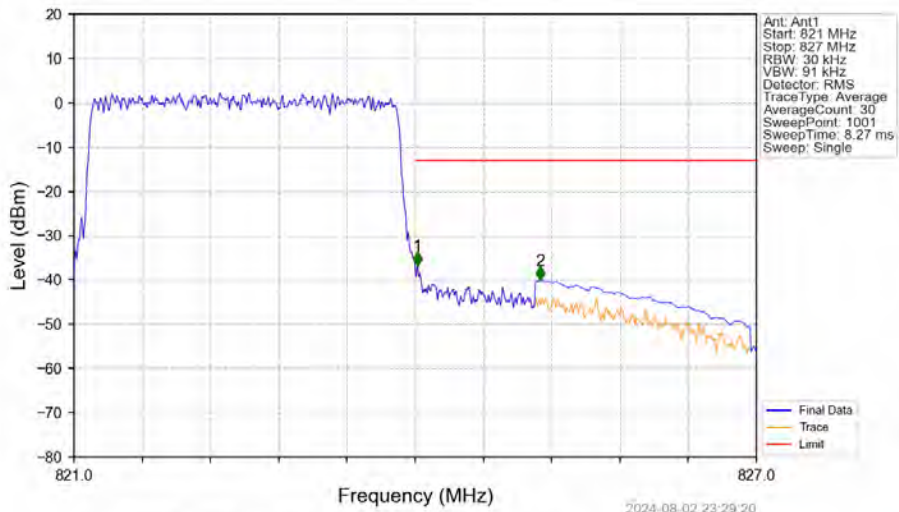
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_1_14_NTNV



2024-08-02 23:28:52

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.001	-33.27	-13	Pass
825	827	0.1	CHP	2	825.052	-41.03	-13	Pass

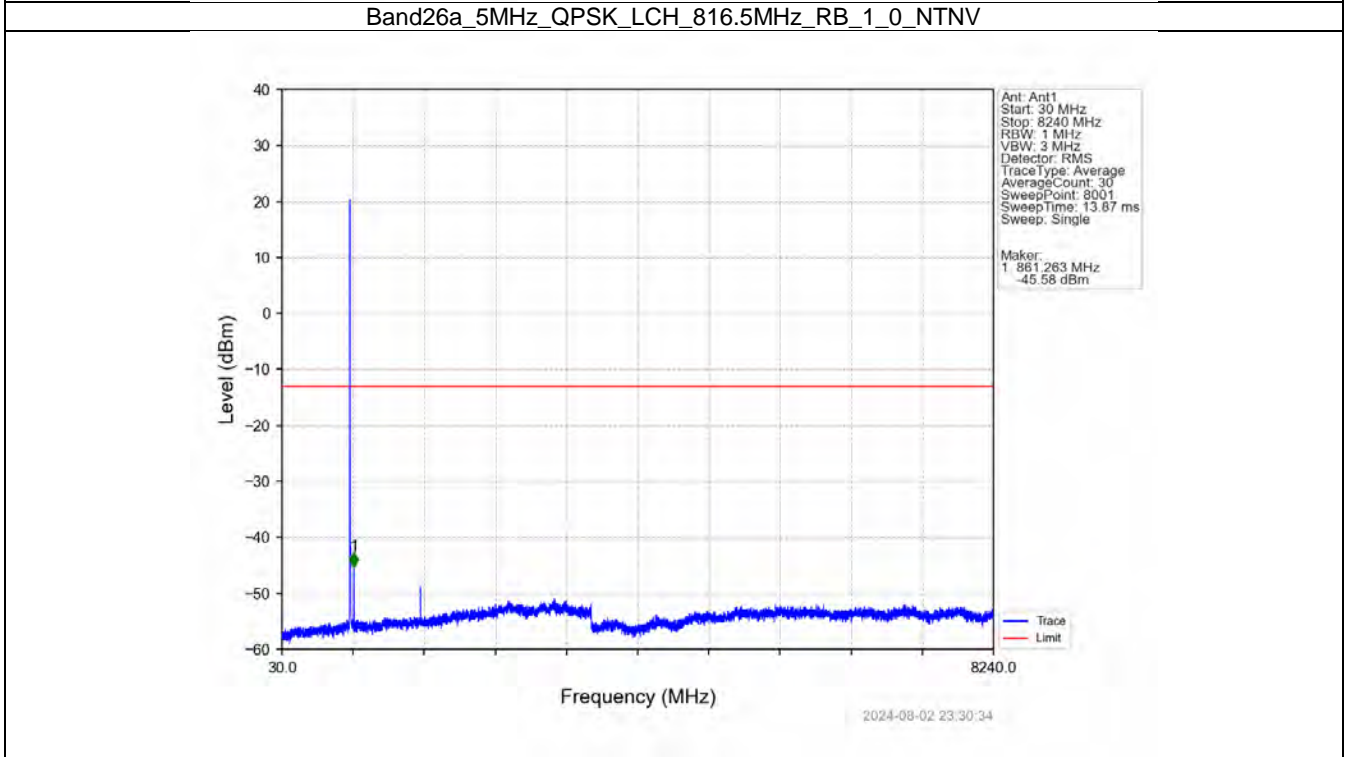
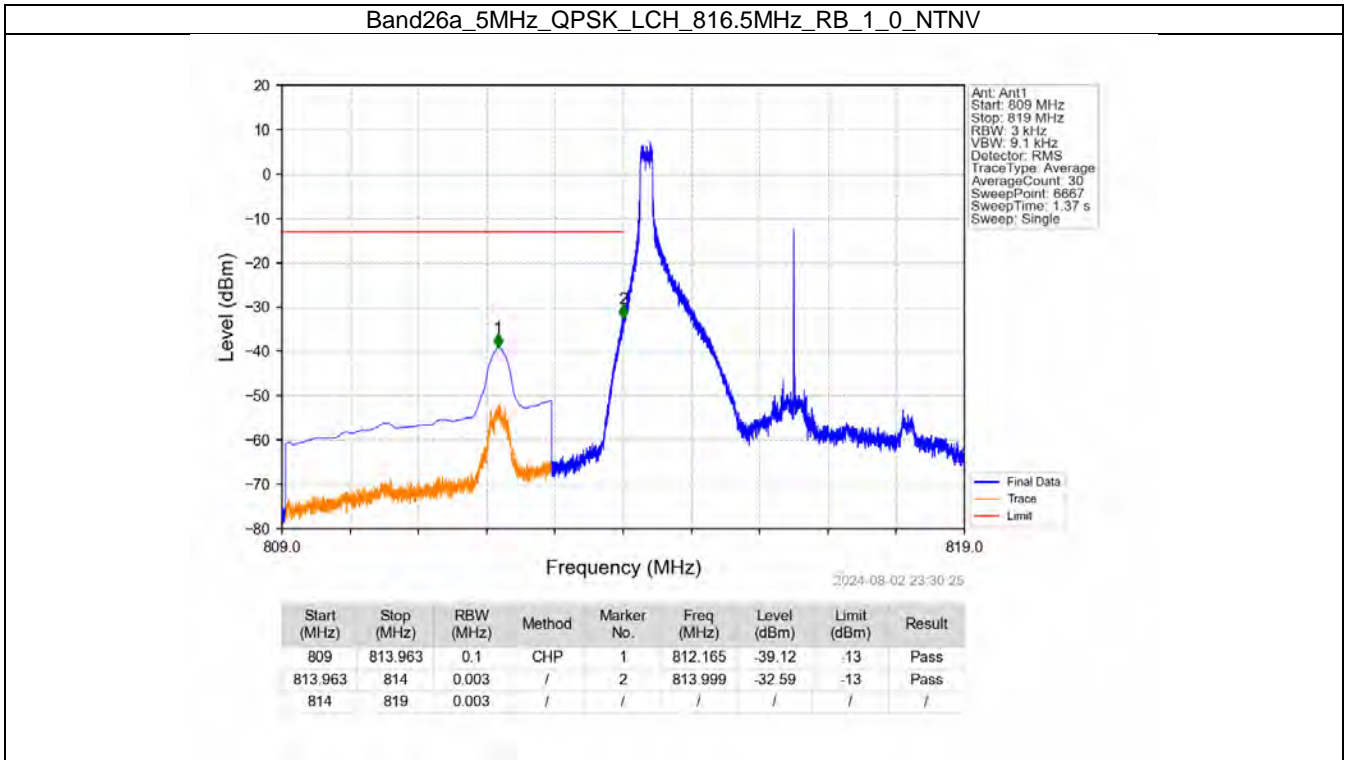
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



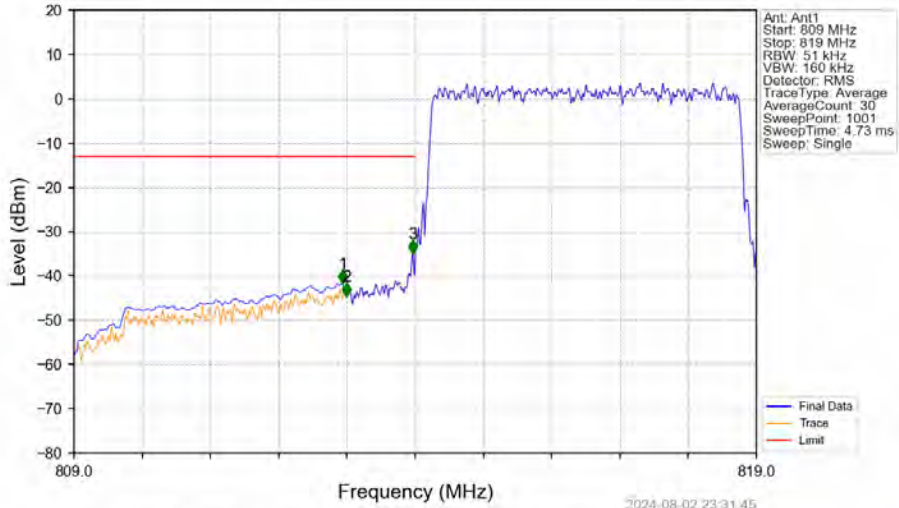
2024-08-02 23:29:20

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.03	/	/	/	/	/	/
824	825	0.03	/	1	824.018	-36.85	-13	Pass
825	827	0.1	CHP	2	825.098	-40.08	-13	Pass

6.2.3 B26a_5MHz



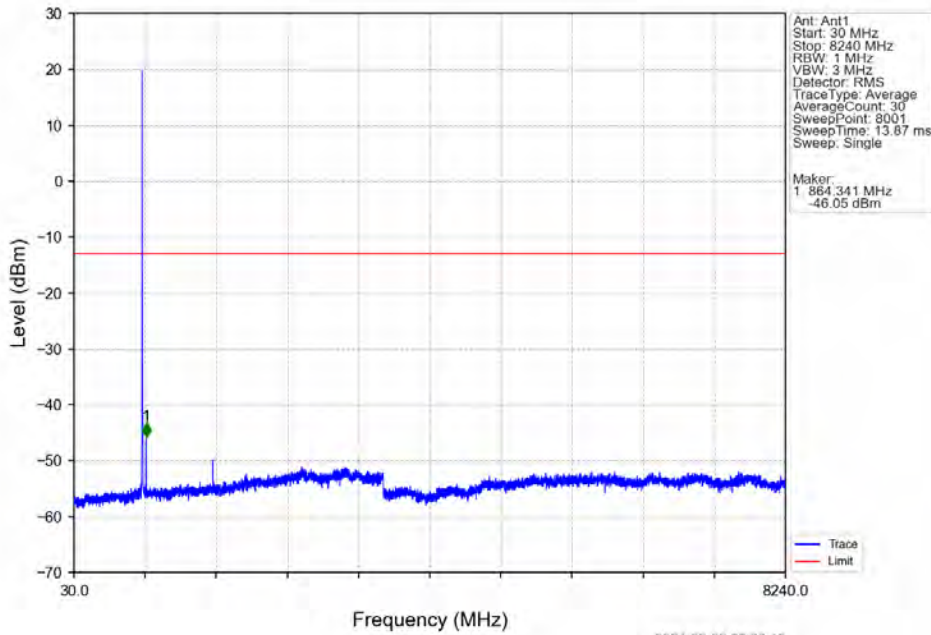
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



2024-08-02 23:31:45

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813.963	0.1	CHP	1	812.940	-41.78	-13	Pass
813.963	814	0.1	CHP	2	813.000	-44.66	-13	Pass
814	814	0.051	/	3	813.960	-35.00	-13	Pass
814	819	0.051	/	/	/	/	/	/

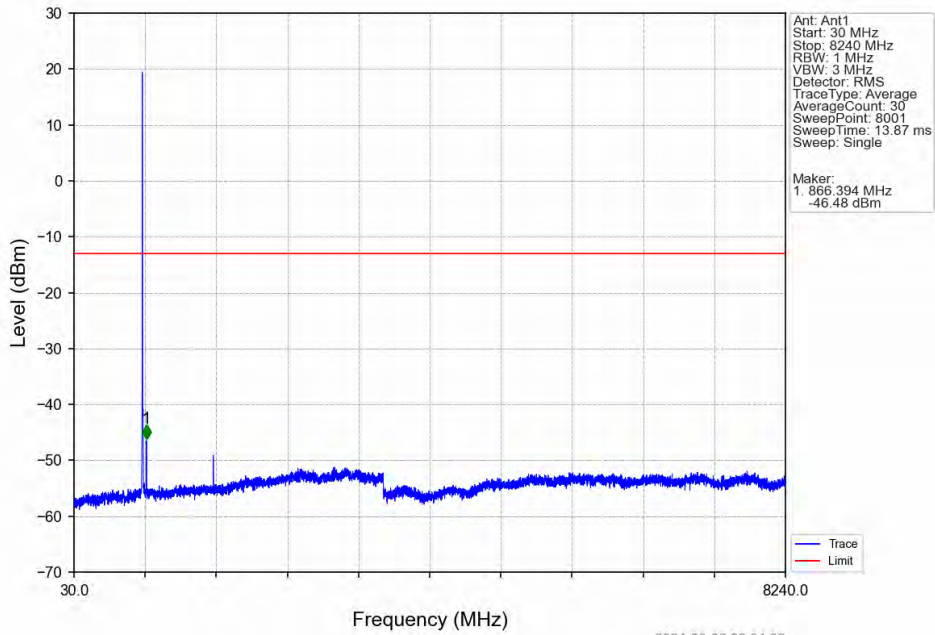
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



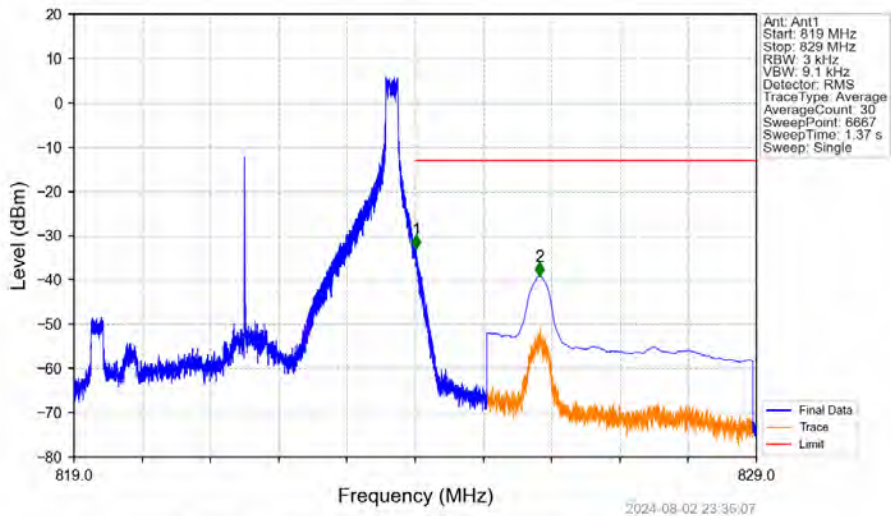
Marker:
1 31.541 MHz
-46.05 dBm

2024-08-02 23:33:43

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV

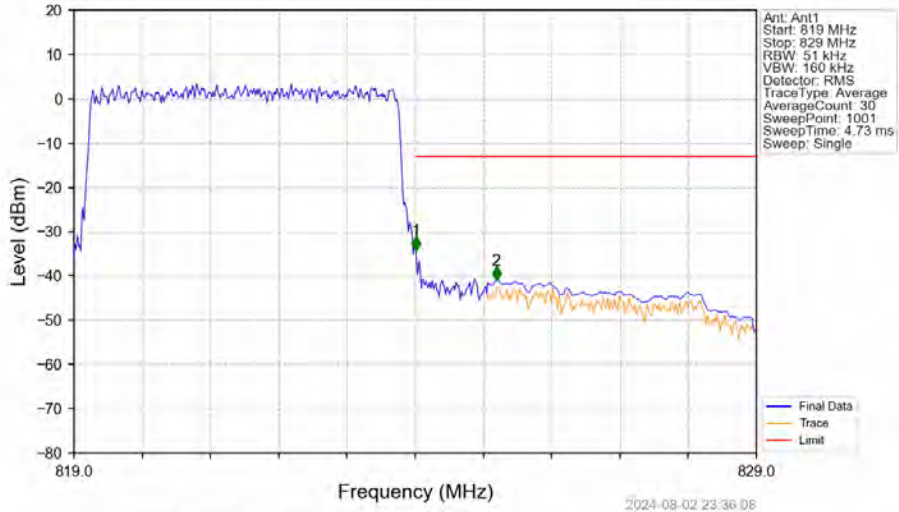


Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



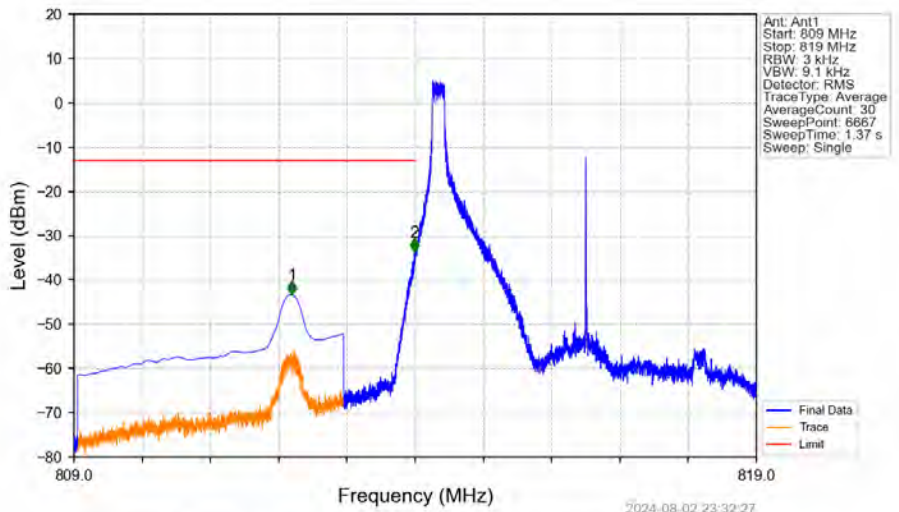
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.015	-33.00	-13	Pass
825	829	0.1	CHP	2	825.820	-39.10	-13	Pass

Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



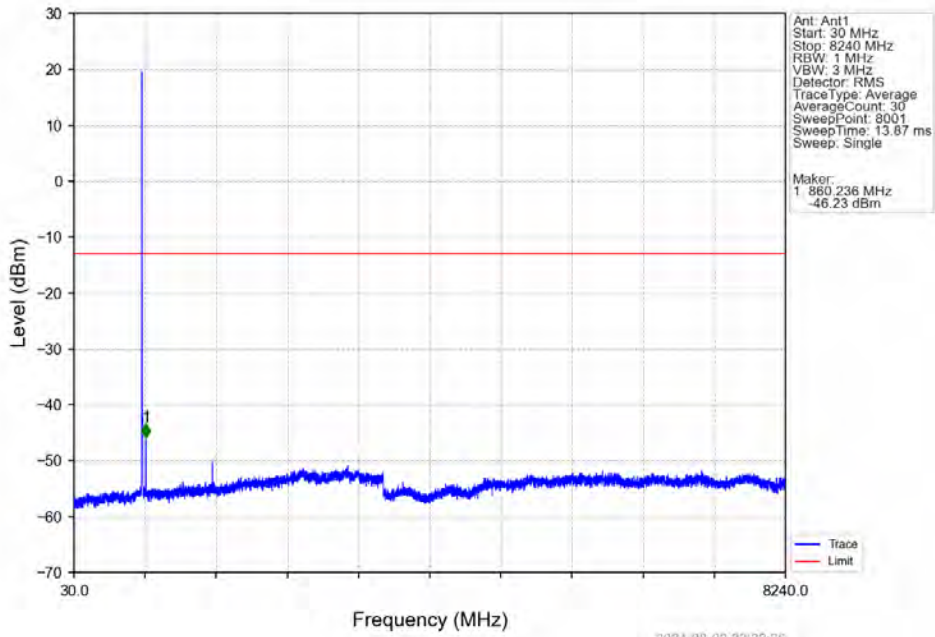
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.051	/	/	/	/	/	/
824	825	0.051	/	1	824.010	-34.20	-13	Pass
825	829	0.1	CHP	2	825.190	-40.94	-13	Pass

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

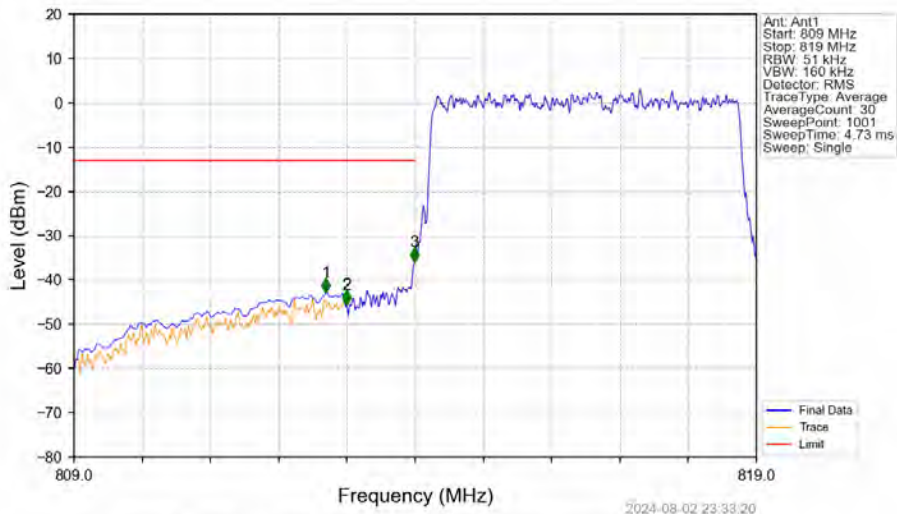


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813.963	0.1	CHP	1	812.194	-43.29	-13	Pass
813.963	814	0.003	/	2	813.989	-33.75	-13	Pass
814	819	0.003	/	/	/	/	/	/

Band26a_5MHz_16QAM_LCH_816.5MHz_RB_1_0_NTNV

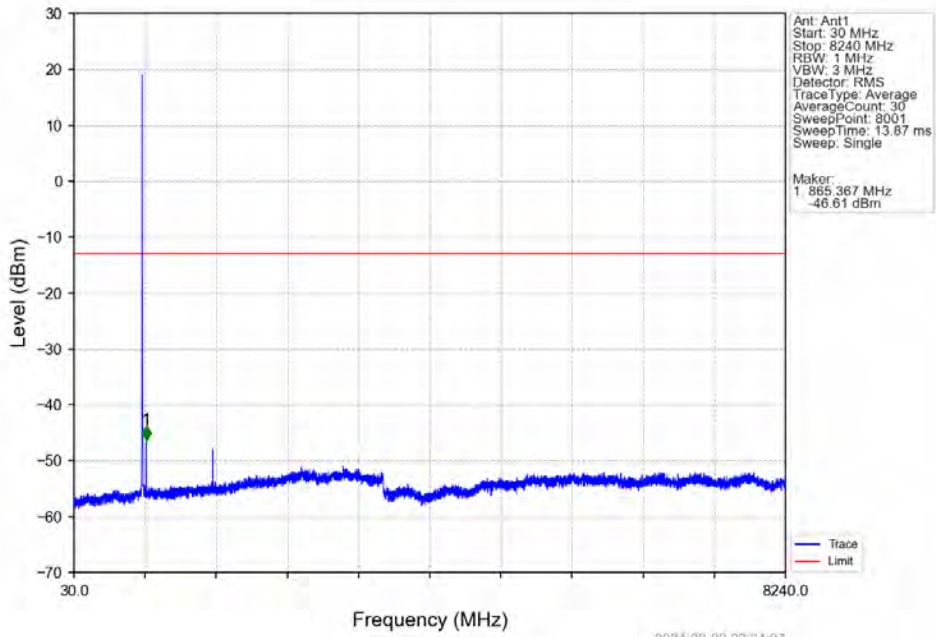


Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV

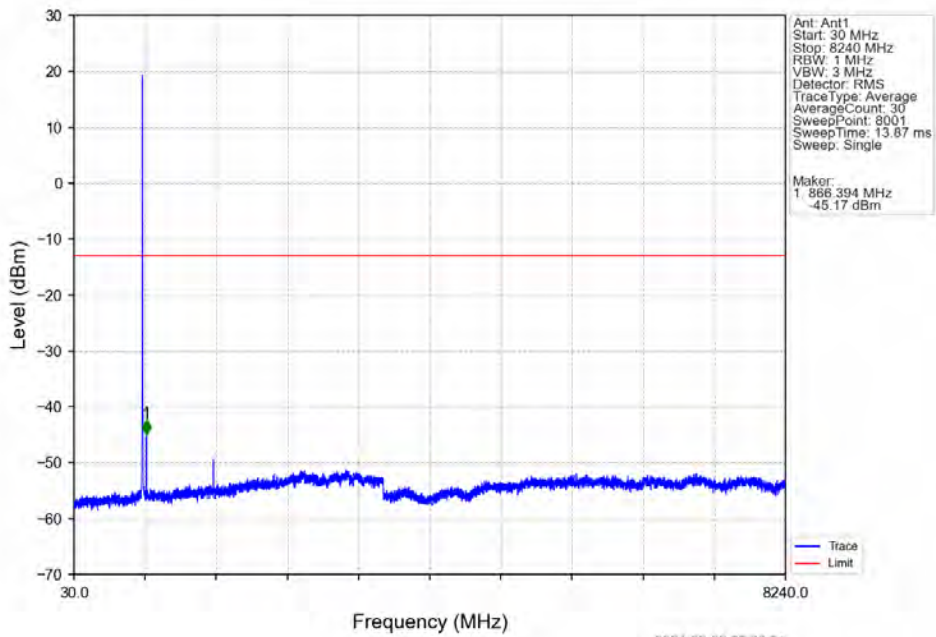


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
809	813.963	0.1	CHP	1	812.690	-42.81	-13	Pass
813.963	814	0.1	CHP	2	813.000	-45.53	-13	Pass
814	814	0.051	/	3	813.990	-35.93	-13	Pass
814	819	0.051	/	/	/	/	/	/

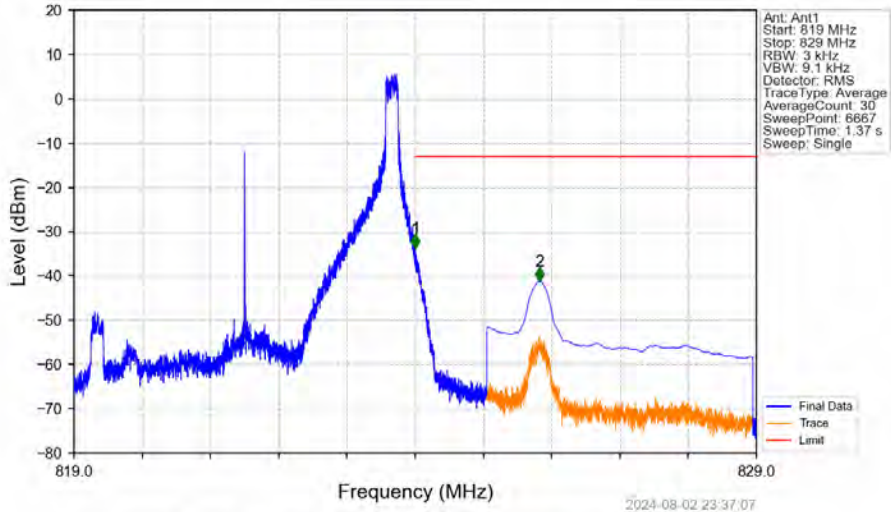
Band26a_5MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_0_NTNV



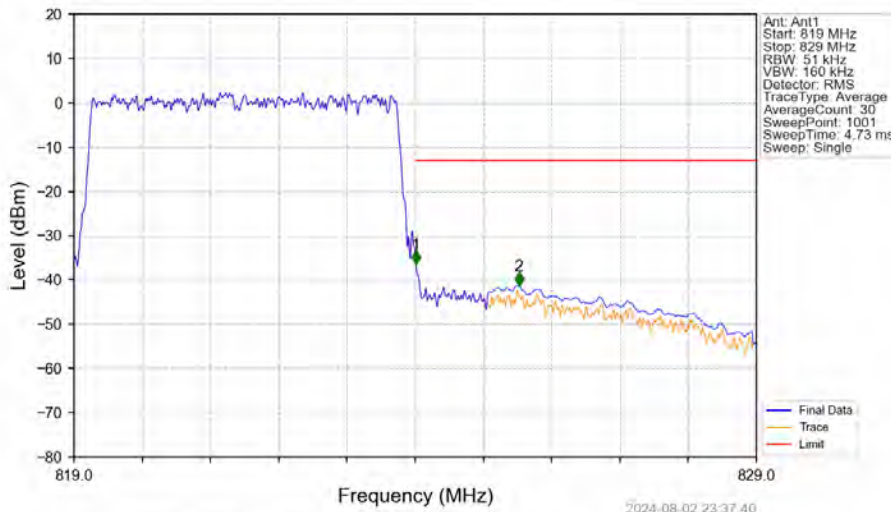
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.001	-33.61	-13	Pass
825	829	0.1	CHP	2	825.821	-41.17	-13	Pass

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Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV

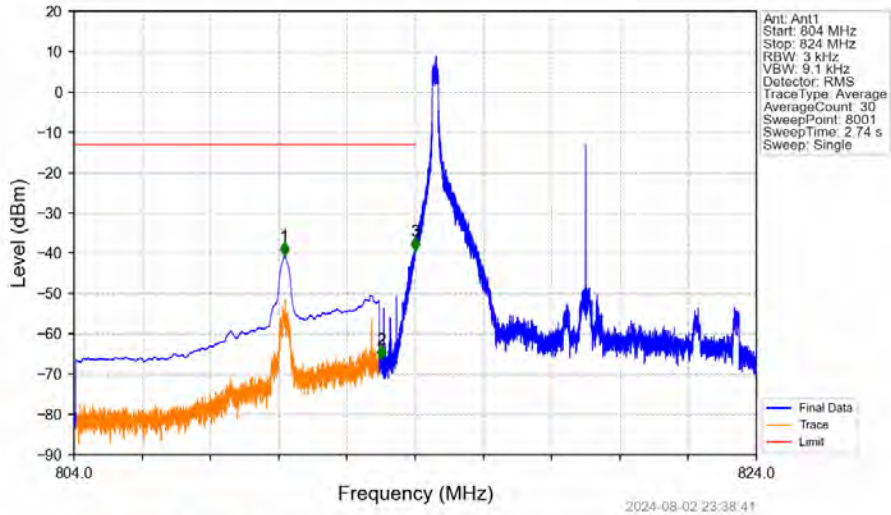


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	824	0.051	/	/	/	/	/	/
824	825	0.051	/	1	824.010	-36.38	-13	Pass
825	829	0.1	CHP	2	825.520	-41.26	-13	Pass

2024-08-02 23:37:40

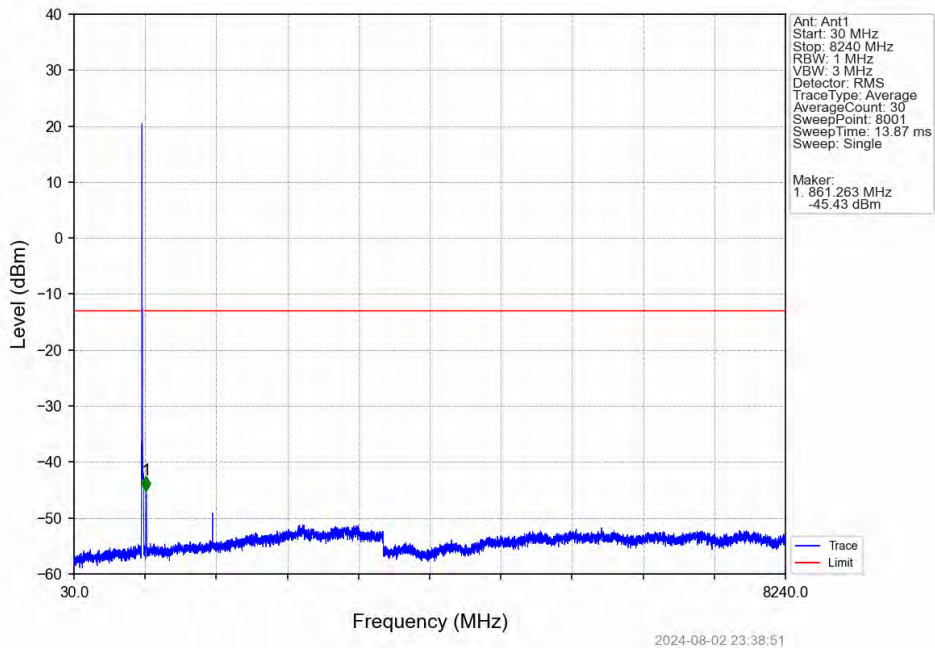
6.2.4 B26a_10MHz

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

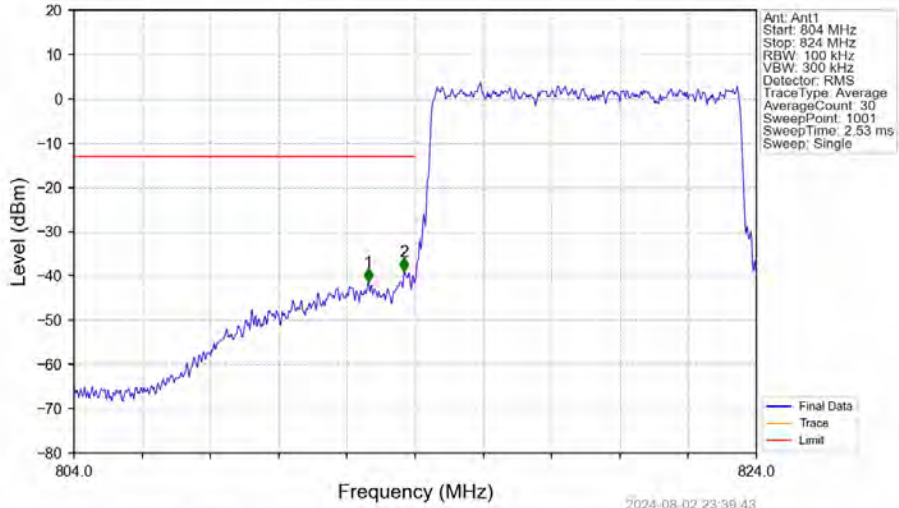


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813.963	0.1	CHP	1	810.163	-40.74	-13	Pass
813.963	814	0.1	CHP	2	813.000	-66.34	-13	Pass
814	814	0.003	/	3	813.995	-39.47	-13	Pass
814	824	0.003	/	/	/	/	/	/

Band26a_10MHz_QPSK_LCH_819MHz_RB_1_0_NTNV

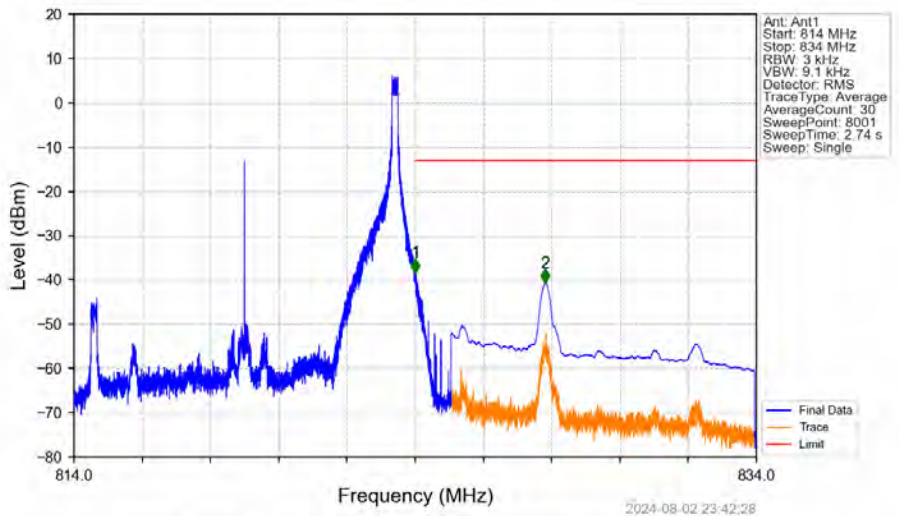


Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



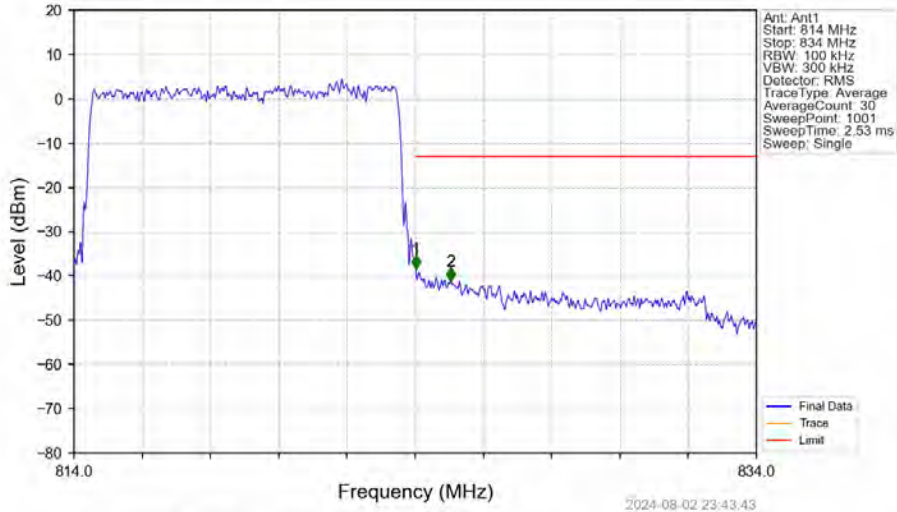
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813.963	0.1	/	1	812.620	-41.31	-13	Pass
813.963	814	0.1	/	2	813.680	-39.05	-13	Pass
814	824	0.1	/	/	/	/	/	/

Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV



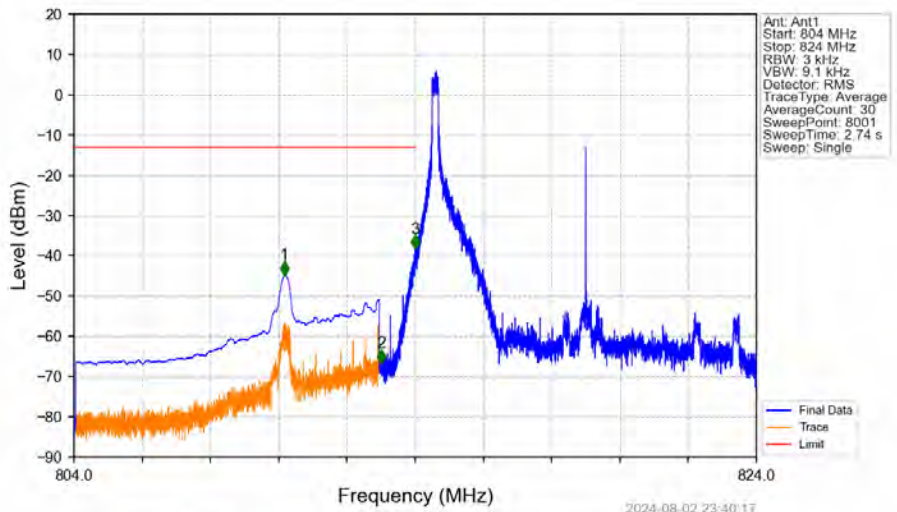
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.003	-38.32	-13	Pass
825	834	0.1	CHP	2	827.815	-40.63	-13	Pass

Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTV



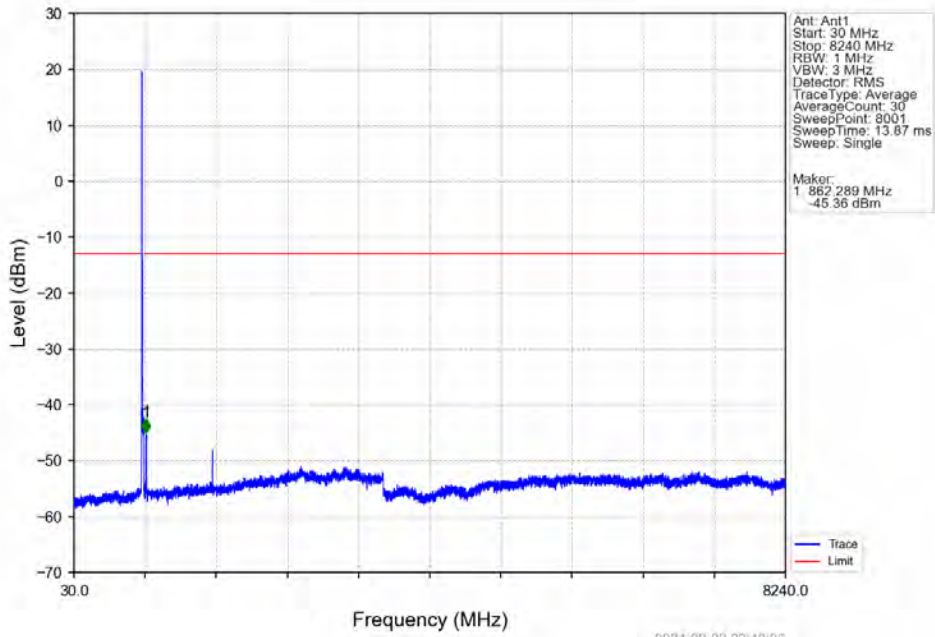
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	/	/	/	/	/
824	825	0.1	/	1	824.020	-38.37	-13	Pass
825	834	0.1	/	2	825.040	-41.10	-13	Pass

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTV

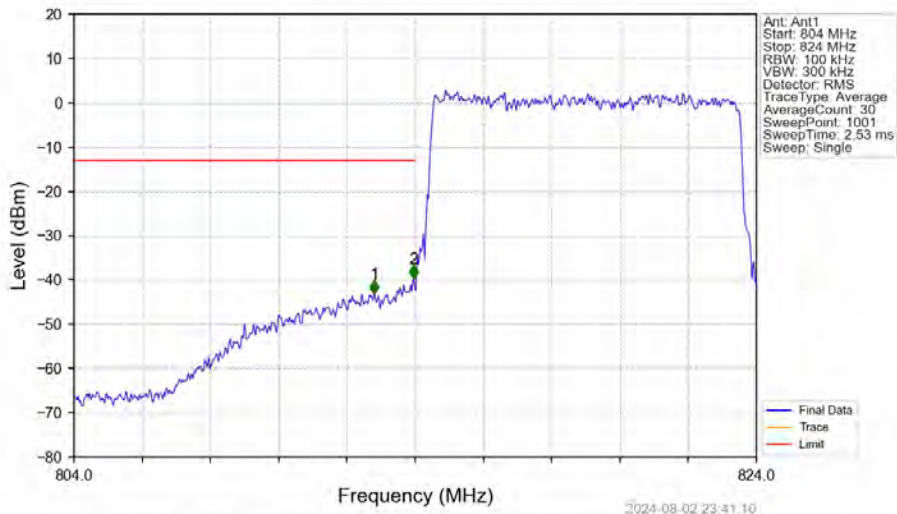


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813.963	0.1	CHP	1	810.168	-44.76	-13	Pass
813.963	814	0.1	CHP	2	813.000	-66.60	-13	Pass
814	814	0.003	/	3	813.995	-38.29	-13	Pass
814	824	0.003	/	/	/	/	/	/

Band26a_10MHz_16QAM_LCH_819MHz_RB_1_0_NTNV

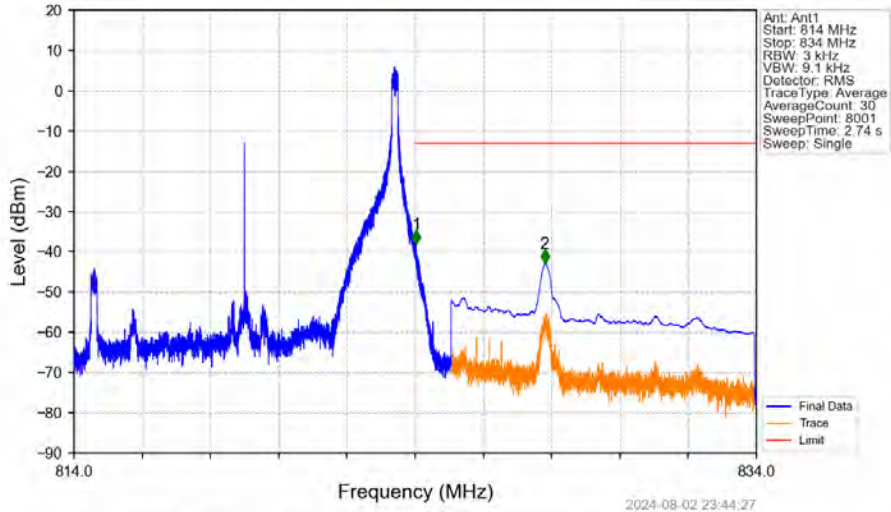


Band26a_10MHz_16QAM_LCH_819MHz_RB_50_0_NTNV



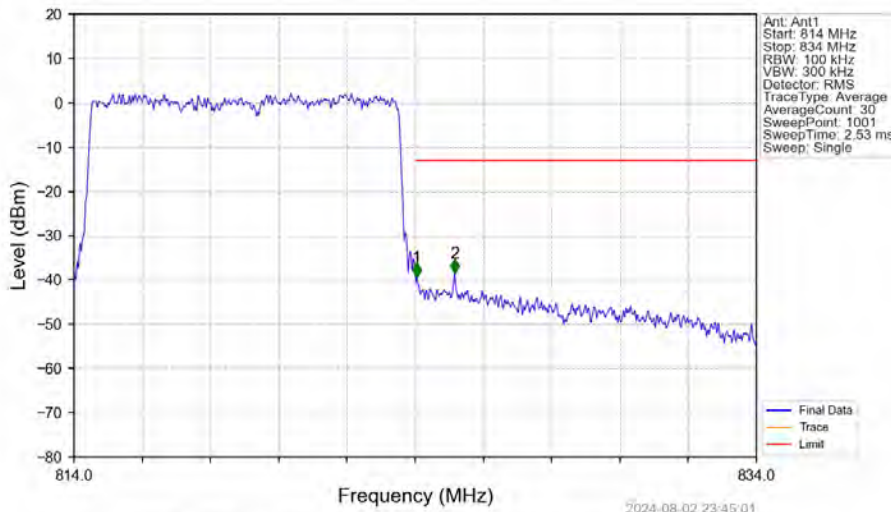
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
804	813.963	0.1	/	1	812.800	-43.21	-13	Pass
813.963	814	0.1	/	2	813.960	-39.73	-13	Pass
814	824	0.1	/	/	/	/	/	/

Band26a_10MHz_16QAM_HCH_819MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.030	-37.96	-13	Pass
825	834	0.1	CHP	2	827.798	-42.86	-13	Pass

Band26a_10MHz_16QAM_HCH_819MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	/	/	/	/	/
824	825	0.1	/	1	824.040	-39.32	-13	Pass
825	834	0.1	/	2	825.160	-38.40	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26a	1.4	814.7	823.3	0.1600	0.0146	ppm	1M12G7D	/	22.04
26a	1.4	814.7	823.3	0.1321	0.0136	ppm	1M11W7D	/	21.21
26a	3	815.5	822.5	0.1644	0.0125	ppm	2M73G7D	/	22.16
26a	3	815.5	822.5	0.1300	0.0144	ppm	2M73W7D	/	21.14
26a	5	816.5	821.5	0.1542	0.0182	ppm	4M55G7D	/	21.88
26a	5	816.5	821.5	0.1186	0.0110	ppm	4M56W7D	/	20.74
26a	10	819	819	0.1611	0.0126	ppm	9M04G7D	/	22.07
26a	10	819	819	0.1355	0.0087	ppm	9M06W7D	/	21.32

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26a	1.4	814.7	823.3	0.0746	0.0146	ppm	1M12G7D	/	18.73
26a	1.4	814.7	823.3	0.0617	0.0136	ppm	1M11W7D	/	17.90
26a	3	815.5	822.5	0.0767	0.0125	ppm	2M73G7D	/	18.85
26a	3	815.5	822.5	0.0607	0.0144	ppm	2M73W7D	/	17.83
26a	5	816.5	821.5	0.0719	0.0182	ppm	4M55G7D	/	18.57
26a	5	816.5	821.5	0.0553	0.0110	ppm	4M56W7D	/	17.43
26a	10	819	819	0.0752	0.0126	ppm	9M04G7D	/	18.76
26a	10	819	819	0.0632	0.0087	ppm	9M06W7D	/	18.01