

1. Effective (Isotropic) Radiated Power Output Data

1.1 B26a_1.4MHz_ERP

1.1.1 Test Result

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	22.18	0.54	20.57	<=38.45	Pass		
			2	22.25	0.54	20.64	<=38.45	Pass		
			5	22.18	0.54	20.57	<=38.45	Pass		
		3	0	22.30	0.54	20.69	<=38.45	Pass		
			2	22.34	0.54	20.73	<=38.45	Pass		
			3	22.30	0.54	20.69	<=38.45	Pass		
		6	0	21.28	0.54	19.67	<=38.45	Pass		
		819	1	0	22.76	0.54	21.15	<=38.45	Pass	
				2	22.95	0.54	21.34	<=38.45	Pass	
	5			22.83	0.54	21.22	<=38.45	Pass		
	3		0	22.92	0.54	21.31	<=38.45	Pass		
			2	22.98	0.54	21.37	<=38.45	Pass		
			3	22.94	0.54	21.33	<=38.45	Pass		
	6	0	21.91	0.54	20.30	<=38.45	Pass			
	823.3	1	0	22.81	0.54	21.20	<=38.45	Pass		
			2	22.88	0.54	21.27	<=38.45	Pass		
			5	22.73	0.54	21.12	<=38.45	Pass		
		3	0	22.89	0.54	21.28	<=38.45	Pass		
			2	22.90	0.54	21.29	<=38.45	Pass		
			3	22.89	0.54	21.28	<=38.45	Pass		
		6	0	21.85	0.54	20.24	<=38.45	Pass		
		16QAM	814.7	1	0	21.22	0.54	19.61	<=38.45	Pass
					2	21.33	0.54	19.72	<=38.45	Pass
	5				21.41	0.54	19.80	<=38.45	Pass	
3	0			21.52	0.54	19.91	<=38.45	Pass		
	2			21.42	0.54	19.81	<=38.45	Pass		
	3			21.32	0.54	19.71	<=38.45	Pass		
6	0			20.88	0.54	19.27	<=38.45	Pass		
819	1			0	21.86	0.54	20.25	<=38.45	Pass	
				2	22.01	0.54	20.40	<=38.45	Pass	
			5	21.99	0.54	20.38	<=38.45	Pass		
	3		0	21.94	0.54	20.33	<=38.45	Pass		
			2	22.19	0.54	20.58	<=38.45	Pass		
			3	22.03	0.54	20.42	<=38.45	Pass		
6	0		20.96	0.54	19.35	<=38.45	Pass			
823.3	1		0	21.95	0.54	20.34	<=38.45	Pass		
			2	21.90	0.54	20.29	<=38.45	Pass		
			5	21.81	0.54	20.20	<=38.45	Pass		
	3		0	21.65	0.54	20.04	<=38.45	Pass		
			2	21.68	0.54	20.07	<=38.45	Pass		
			3	21.48	0.54	19.87	<=38.45	Pass		
	6		0	20.44	0.54	18.83	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B26a_3MHz_ERP

1.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	815.5	1	0	22.34	0.54	20.73	<=38.45	Pass		
			7	22.52	0.54	20.91	<=38.45	Pass		
			14	22.35	0.54	20.74	<=38.45	Pass		
		8	0	21.32	0.54	19.71	<=38.45	Pass		
			4	21.38	0.54	19.77	<=38.45	Pass		
			7	21.37	0.54	19.76	<=38.45	Pass		
		15	0	21.32	0.54	19.71	<=38.45	Pass		
		819	1	0	22.40	0.54	20.79	<=38.45	Pass	
				7	22.51	0.54	20.90	<=38.45	Pass	
	14			22.40	0.54	20.79	<=38.45	Pass		
	8		0	21.38	0.54	19.77	<=38.45	Pass		
			4	21.43	0.54	19.82	<=38.45	Pass		
			7	21.41	0.54	19.80	<=38.45	Pass		
	15		0	21.40	0.54	19.79	<=38.45	Pass		
	822.5		1	0	22.47	0.54	20.86	<=38.45	Pass	
				7	22.54	0.54	20.93	<=38.45	Pass	
		14		22.39	0.54	20.78	<=38.45	Pass		
		8	0	21.47	0.54	19.86	<=38.45	Pass		
			4	21.47	0.54	19.86	<=38.45	Pass		
			7	21.40	0.54	19.79	<=38.45	Pass		
		15	0	21.43	0.54	19.82	<=38.45	Pass		
		16QAM	815.5	1	0	21.42	0.54	19.81	<=38.45	Pass
					7	21.67	0.54	20.06	<=38.45	Pass
	14				21.89	0.54	20.28	<=38.45	Pass	
8	0			20.45	0.54	18.84	<=38.45	Pass		
	4			20.41	0.54	18.80	<=38.45	Pass		
	7			20.54	0.54	18.93	<=38.45	Pass		
15	0			20.45	0.54	18.84	<=38.45	Pass		
819	1			0	22.03	0.54	20.42	<=38.45	Pass	
				7	21.56	0.54	19.95	<=38.45	Pass	
			14	21.61	0.54	20.00	<=38.45	Pass		
	8		0	20.56	0.54	18.95	<=38.45	Pass		
			4	20.54	0.54	18.93	<=38.45	Pass		
			7	20.42	0.54	18.81	<=38.45	Pass		
	15		0	20.53	0.54	18.92	<=38.45	Pass		
	822.5		1	0	21.64	0.54	20.03	<=38.45	Pass	
				7	22.15	0.54	20.54	<=38.45	Pass	
14				21.46	0.54	19.85	<=38.45	Pass		
8			0	20.48	0.54	18.87	<=38.45	Pass		
			4	20.66	0.54	19.05	<=38.45	Pass		
			7	20.52	0.54	18.91	<=38.45	Pass		
15			0	20.42	0.54	18.81	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B26a_5MHz_ERP

1.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	816.5	1	0	22.06	0.54	20.45	<=38.45	Pass		
			13	22.24	0.54	20.63	<=38.45	Pass		
			24	22.19	0.54	20.58	<=38.45	Pass		
		12	0	21.19	0.54	19.58	<=38.45	Pass		
			6	21.28	0.54	19.67	<=38.45	Pass		
			13	21.20	0.54	19.59	<=38.45	Pass		
		25	0	21.19	0.54	19.58	<=38.45	Pass		
		819	1	0	22.09	0.54	20.48	<=38.45	Pass	
				13	22.29	0.54	20.68	<=38.45	Pass	
	24			22.15	0.54	20.54	<=38.45	Pass		
	12		0	21.22	0.54	19.61	<=38.45	Pass		
			6	21.34	0.54	19.73	<=38.45	Pass		
			13	21.30	0.54	19.69	<=38.45	Pass		
	25		0	21.22	0.54	19.61	<=38.45	Pass		
	821.5		1	0	22.16	0.54	20.55	<=38.45	Pass	
				13	22.36	0.54	20.75	<=38.45	Pass	
		24		22.19	0.54	20.58	<=38.45	Pass		
		12	0	21.31	0.54	19.70	<=38.45	Pass		
			6	21.39	0.54	19.78	<=38.45	Pass		
			13	21.31	0.54	19.70	<=38.45	Pass		
		25	0	21.31	0.54	19.70	<=38.45	Pass		
		16QAM	816.5	1	0	21.24	0.54	19.63	<=38.45	Pass
					13	21.53	0.54	19.92	<=38.45	Pass
	24				21.06	0.54	19.45	<=38.45	Pass	
12	0			20.19	0.54	18.58	<=38.45	Pass		
	6			20.34	0.54	18.73	<=38.45	Pass		
	13			20.26	0.54	18.65	<=38.45	Pass		
25	0			20.26	0.54	18.65	<=38.45	Pass		
819	1			0	20.99	0.54	19.38	<=38.45	Pass	
				13	21.47	0.54	19.86	<=38.45	Pass	
			24	21.47	0.54	19.86	<=38.45	Pass		
	12		0	20.22	0.54	18.61	<=38.45	Pass		
			6	20.35	0.54	18.74	<=38.45	Pass		
			13	20.32	0.54	18.71	<=38.45	Pass		
	25		0	20.33	0.54	18.72	<=38.45	Pass		
	821.5		1	0	21.48	0.54	19.87	<=38.45	Pass	
				13	21.22	0.54	19.61	<=38.45	Pass	
24				21.34	0.54	19.73	<=38.45	Pass		
12			0	20.36	0.54	18.75	<=38.45	Pass		
			6	20.43	0.54	18.82	<=38.45	Pass		
			13	20.30	0.54	18.69	<=38.45	Pass		
25			0	20.33	0.54	18.72	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B26a_10MHz_ERP

1.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	819	1	0	22.11	0.54	20.50	<=38.45	Pass		
			25	22.39	0.54	20.78	<=38.45	Pass		
			49	22.21	0.54	20.60	<=38.45	Pass		
		25	0	21.27	0.54	19.66	<=38.45	Pass		
			13	21.36	0.54	19.75	<=38.45	Pass		
			25	21.31	0.54	19.70	<=38.45	Pass		
		50	0	21.28	0.54	19.67	<=38.45	Pass		
		16QAM	819	1	0	21.75	0.54	20.14	<=38.45	Pass
					25	21.50	0.54	19.89	<=38.45	Pass
49	21.40				0.54	19.79	<=38.45	Pass		
25	0			20.37	0.54	18.76	<=38.45	Pass		
	13			20.48	0.54	18.87	<=38.45	Pass		
	25			20.39	0.54	18.78	<=38.45	Pass		
50	0			20.36	0.54	18.75	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B26a_1.4MHz

2.1.1 Test Result

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	-3.490	-0.0043	-2.5 to 2.5	Pass
					3.85	-9.055	-0.0111	-2.5 to 2.5	Pass
					4.43	-8.898	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-5.107	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-10.586	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-8.097	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-9.241	-0.0113	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0011	-2.5 to 2.5	Pass
	40	3.85	-5.665	-0.0070	-2.5 to 2.5	Pass			
	50	3.85	-11.172	-0.0137	-2.5 to 2.5	Pass			
	819	6	0	20	3.27	-8.569	-0.0105	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0045	-2.5 to 2.5	Pass
					4.43	-8.912	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-4.978	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-10.843	-0.0132	-2.5 to 2.5	Pass
				0	3.85	-7.396	-0.0090	-2.5 to 2.5	Pass
10				3.85	1.044	0.0013	-2.5 to 2.5	Pass	
30				3.85	-11.129	-0.0136	-2.5 to 2.5	Pass	
40	3.85	-7.782	-0.0095	-2.5 to 2.5	Pass				

	823.3	6	0	50	3.85	-7.567	-0.0092	-2.5 to 2.5	Pass				
				20	3.27	-3.762	-0.0046	-2.5 to 2.5	Pass				
					3.85	-3.419	-0.0042	-2.5 to 2.5	Pass				
					4.43	-12.760	-0.0155	-2.5 to 2.5	Pass				
				-30	3.85	-4.449	-0.0054	-2.5 to 2.5	Pass				
				-20	3.85	-8.397	-0.0102	-2.5 to 2.5	Pass				
				-10	3.85	-9.570	-0.0116	-2.5 to 2.5	Pass				
				0	3.85	-11.830	-0.0144	-2.5 to 2.5	Pass				
				10	3.85	-7.181	-0.0087	-2.5 to 2.5	Pass				
				30	3.85	-7.081	-0.0086	-2.5 to 2.5	Pass				
				40	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass				
				50	3.85	1.402	0.0017	-2.5 to 2.5	Pass				
				16QAM	814.7	6	0	20	3.27	1.717	0.0021	-2.5 to 2.5	Pass
									3.85	-5.164	-0.0063	-2.5 to 2.5	Pass
									4.43	-3.433	-0.0042	-2.5 to 2.5	Pass
								-30	3.85	-8.483	-0.0104	-2.5 to 2.5	Pass
								-20	3.85	-4.950	-0.0061	-2.5 to 2.5	Pass
								-10	3.85	-5.493	-0.0067	-2.5 to 2.5	Pass
0	3.85	-7.310	-0.0090					-2.5 to 2.5	Pass				
10	3.85	-1.702	-0.0021					-2.5 to 2.5	Pass				
30	3.85	-6.208	-0.0076					-2.5 to 2.5	Pass				
40	3.85	-8.111	-0.0100		-2.5 to 2.5	Pass							
50	3.85	1.831	0.0022		-2.5 to 2.5	Pass							
819	6	0	20		3.27	0.415	0.0005	-2.5 to 2.5	Pass				
					3.85	-1.903	-0.0023	-2.5 to 2.5	Pass				
					4.43	-5.922	-0.0072	-2.5 to 2.5	Pass				
			-30		3.85	-3.376	-0.0041	-2.5 to 2.5	Pass				
			-20		3.85	-6.094	-0.0074	-2.5 to 2.5	Pass				
			-10		3.85	0.358	0.0004	-2.5 to 2.5	Pass				
			0		3.85	1.416	0.0017	-2.5 to 2.5	Pass				
			10	3.85	-9.971	-0.0122	-2.5 to 2.5	Pass					
			30	3.85	-10.400	-0.0127	-2.5 to 2.5	Pass					
40	3.85	-11.315	-0.0138	-2.5 to 2.5	Pass								
50	3.85	-4.206	-0.0051	-2.5 to 2.5	Pass								
823.3	6	0	20	3.27	-3.605	-0.0044	-2.5 to 2.5	Pass					
				3.85	-3.877	-0.0047	-2.5 to 2.5	Pass					
				4.43	-2.217	-0.0027	-2.5 to 2.5	Pass					
			-30	3.85	-6.709	-0.0081	-2.5 to 2.5	Pass					
			-20	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass					
			-10	3.85	-1.116	-0.0014	-2.5 to 2.5	Pass					
			0	3.85	-1.731	-0.0021	-2.5 to 2.5	Pass					
			10	3.85	-8.941	-0.0109	-2.5 to 2.5	Pass					
			30	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass					
40	3.85	-5.922	-0.0072	-2.5 to 2.5	Pass								
50	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass								

2.2 B26a_3MHz

2.2.1 Test Result

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	5.050	0.0062	-2.5 to 2.5	Pass
					3.85	-6.695	-0.0082	-2.5 to 2.5	Pass

					4.43	-6.108	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-14.963	-0.0183	-2.5 to 2.5	Pass
				-20	3.85	-12.345	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-9.813	-0.0120	-2.5 to 2.5	Pass
				0	3.85	-7.639	-0.0094	-2.5 to 2.5	Pass
				10	3.85	-6.251	-0.0077	-2.5 to 2.5	Pass
				30	3.85	-8.898	-0.0109	-2.5 to 2.5	Pass
				40	3.85	-2.718	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0056	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-13.447	-0.0164	-2.5 to 2.5	Pass
					3.85	-9.670	-0.0118	-2.5 to 2.5	Pass
					4.43	-6.852	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-7.453	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-8.025	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-6.409	-0.0078	-2.5 to 2.5	Pass
				0	3.85	-9.384	-0.0115	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-5.522	-0.0067	-2.5 to 2.5	Pass
	40	3.85	-2.561	-0.0031	-2.5 to 2.5	Pass			
	50	3.85	-6.537	-0.0080	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-2.947	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0073	-2.5 to 2.5	Pass
					4.43	-9.627	-0.0117	-2.5 to 2.5	Pass
				-30	3.85	-7.567	-0.0092	-2.5 to 2.5	Pass
				-20	3.85	-9.828	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-12.345	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-6.037	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-6.480	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-2.732	-0.0033	-2.5 to 2.5	Pass
	40	3.85	-2.117	-0.0026	-2.5 to 2.5	Pass			
50	3.85	-9.842	-0.0120	-2.5 to 2.5	Pass				
16QAM	815.5	15	0	20	3.27	-1.502	-0.0018	-2.5 to 2.5	Pass
					3.85	-8.683	-0.0106	-2.5 to 2.5	Pass
					4.43	-2.303	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-8.612	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-7.367	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-8.011	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-9.499	-0.0116	-2.5 to 2.5	Pass
	40	3.85	-3.662	-0.0045	-2.5 to 2.5	Pass			
	50	3.85	-4.277	-0.0052	-2.5 to 2.5	Pass			
	819	15	0	20	3.27	-8.526	-0.0104	-2.5 to 2.5	Pass
					3.85	-5.350	-0.0065	-2.5 to 2.5	Pass
					4.43	-0.672	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.443	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-9.012	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0070	-2.5 to 2.5	Pass
	40	3.85	-3.905	-0.0048	-2.5 to 2.5	Pass			
	50	3.85	-8.769	-0.0107	-2.5 to 2.5	Pass			
	822.5	15	0	20	3.27	-1.073	-0.0013	-2.5 to 2.5	Pass
					3.85	-4.807	-0.0058	-2.5 to 2.5	Pass
					4.43	-4.020	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-4.449	-0.0054	-2.5 to 2.5	Pass

				-20	3.85	-5.236	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-5.908	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-2.418	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-3.891	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-9.670	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-5.922	-0.0072	-2.5 to 2.5	Pass

2.3 B26a_5MHz

2.3.1 Test Result

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	0.043	0.0001	-2.5 to 2.5	Pass	
					3.85	-10.471	-0.0128	-2.5 to 2.5	Pass	
					4.43	-2.003	-0.0025	-2.5 to 2.5	Pass	
				-30	3.85	-6.666	-0.0082	-2.5 to 2.5	Pass	
					-20	3.85	-3.734	-0.0046	-2.5 to 2.5	Pass
						3.85	-5.708	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass	
					10	3.85	-3.433	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass	
	40	3.85	-9.570		-0.0117	-2.5 to 2.5	Pass			
	50	3.85	-9.799	-0.0120	-2.5 to 2.5	Pass				
	819	25	0	20	3.27	-5.379	-0.0066	-2.5 to 2.5	Pass	
					3.85	0.887	0.0011	-2.5 to 2.5	Pass	
					4.43	-2.975	-0.0036	-2.5 to 2.5	Pass	
				-30	3.85	-3.705	-0.0045	-2.5 to 2.5	Pass	
					-20	3.85	-6.623	-0.0081	-2.5 to 2.5	Pass
						3.85	-7.682	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass	
					10	3.85	-8.841	-0.0108	-2.5 to 2.5	Pass
				30	3.85	-8.955	-0.0109	-2.5 to 2.5	Pass	
	40	3.85	-7.682		-0.0094	-2.5 to 2.5	Pass			
	50	3.85	-7.181	-0.0088	-2.5 to 2.5	Pass				
	821.5	25	0	20	3.27	-2.961	-0.0036	-2.5 to 2.5	Pass	
					3.85	-10.257	-0.0125	-2.5 to 2.5	Pass	
					4.43	-6.051	-0.0074	-2.5 to 2.5	Pass	
				-30	3.85	-9.513	-0.0116	-2.5 to 2.5	Pass	
					-20	3.85	-10.858	-0.0132	-2.5 to 2.5	Pass
3.85						-2.117	-0.0026	-2.5 to 2.5	Pass	
0				3.85	-5.422	-0.0066	-2.5 to 2.5	Pass		
				10	3.85	-4.263	-0.0052	-2.5 to 2.5	Pass	
30				3.85	-7.968	-0.0097	-2.5 to 2.5	Pass		
	40	3.85	-1.860	-0.0023	-2.5 to 2.5	Pass				
50	3.85	-6.080	-0.0074	-2.5 to 2.5	Pass					
16QAM	816.5	25	0	20	3.27	-3.533	-0.0043	-2.5 to 2.5	Pass	
					3.85	-7.682	-0.0094	-2.5 to 2.5	Pass	
					4.43	0.901	0.0011	-2.5 to 2.5	Pass	
				-30	3.85	-7.224	-0.0088	-2.5 to 2.5	Pass	
					-20	3.85	-5.665	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass	
0	3.85	-5.450	-0.0067	-2.5 to 2.5	Pass					

	819	25	0	10	3.85	-6.809	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-5.293	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-10.200	-0.0125	-2.5 to 2.5	Pass
				50	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				20	3.27	-3.061	-0.0037	-2.5 to 2.5	Pass
					3.85	-2.947	-0.0036	-2.5 to 2.5	Pass
					4.43	-3.591	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-3.691	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-4.120	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.930	0.0011	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0067	-2.5 to 2.5	Pass
	30	3.85	-3.777	-0.0046	-2.5 to 2.5	Pass			
	40	3.85	-4.134	-0.0050	-2.5 to 2.5	Pass			
	50	3.85	-1.402	-0.0017	-2.5 to 2.5	Pass			
	821.5	25	0	20	3.27	-4.120	-0.0050	-2.5 to 2.5	Pass
					3.85	-7.224	-0.0088	-2.5 to 2.5	Pass
					4.43	-4.320	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-2.031	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.809	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-4.048	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-9.012	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-8.025	-0.0098	-2.5 to 2.5	Pass
40				3.85	-9.527	-0.0116	-2.5 to 2.5	Pass	
50				3.85	-6.137	-0.0075	-2.5 to 2.5	Pass	

2.4 B26a_10MHz

2.4.1 Test Result

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	-4.735	-0.0058	-2.5 to 2.5	Pass
					3.85	-3.476	-0.0042	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-7.939	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-4.520	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-4.106	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-4.778	-0.0058	-2.5 to 2.5	Pass
				30	3.85	-3.633	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-9.727	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-4.864	-0.0059	-2.5 to 2.5	Pass
				16QAM	819	50	0	20	3.27
3.85	-5.264	-0.0064	-2.5 to 2.5						Pass
4.43	-5.794	-0.0071	-2.5 to 2.5						Pass
-30	3.85	-6.766	-0.0083					-2.5 to 2.5	Pass
-20	3.85	-3.061	-0.0037					-2.5 to 2.5	Pass
-10	3.85	-0.844	-0.0010					-2.5 to 2.5	Pass
0	3.85	-2.890	-0.0035					-2.5 to 2.5	Pass
10	3.85	-5.622	-0.0069					-2.5 to 2.5	Pass
30	3.85	-7.625	-0.0093					-2.5 to 2.5	Pass
40	3.85	-8.912	-0.0109					-2.5 to 2.5	Pass

				50	3.85	-1.416	-0.0017	-2.5 to 2.5	Pass
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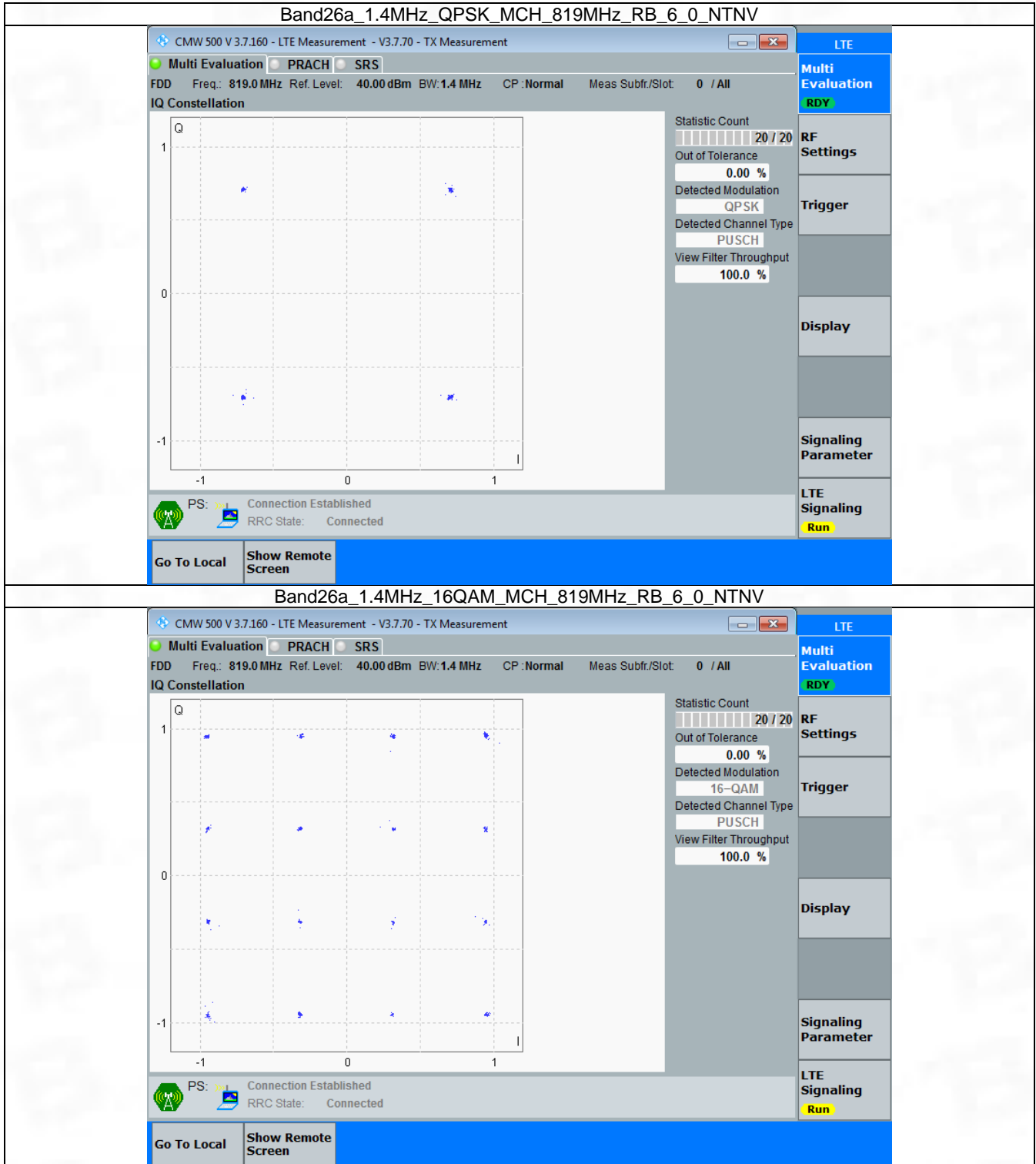
3. Modulation Characteristics

3.1 B26a_1.4MHz

3.1.1 Test Result

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 Test Graph

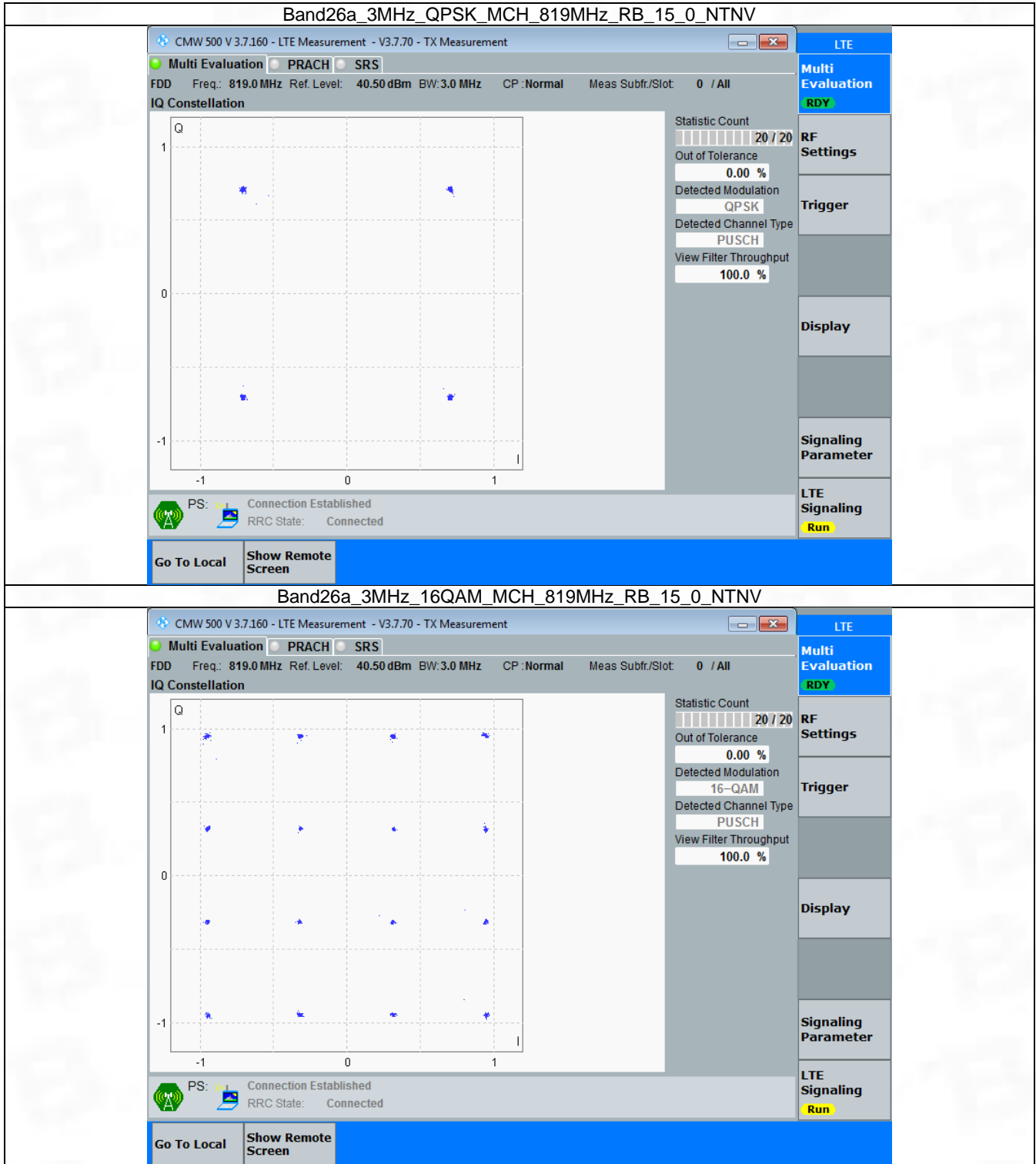


3.2 B26a_3MHz

3.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTV						
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

3.2.2 Test Graph

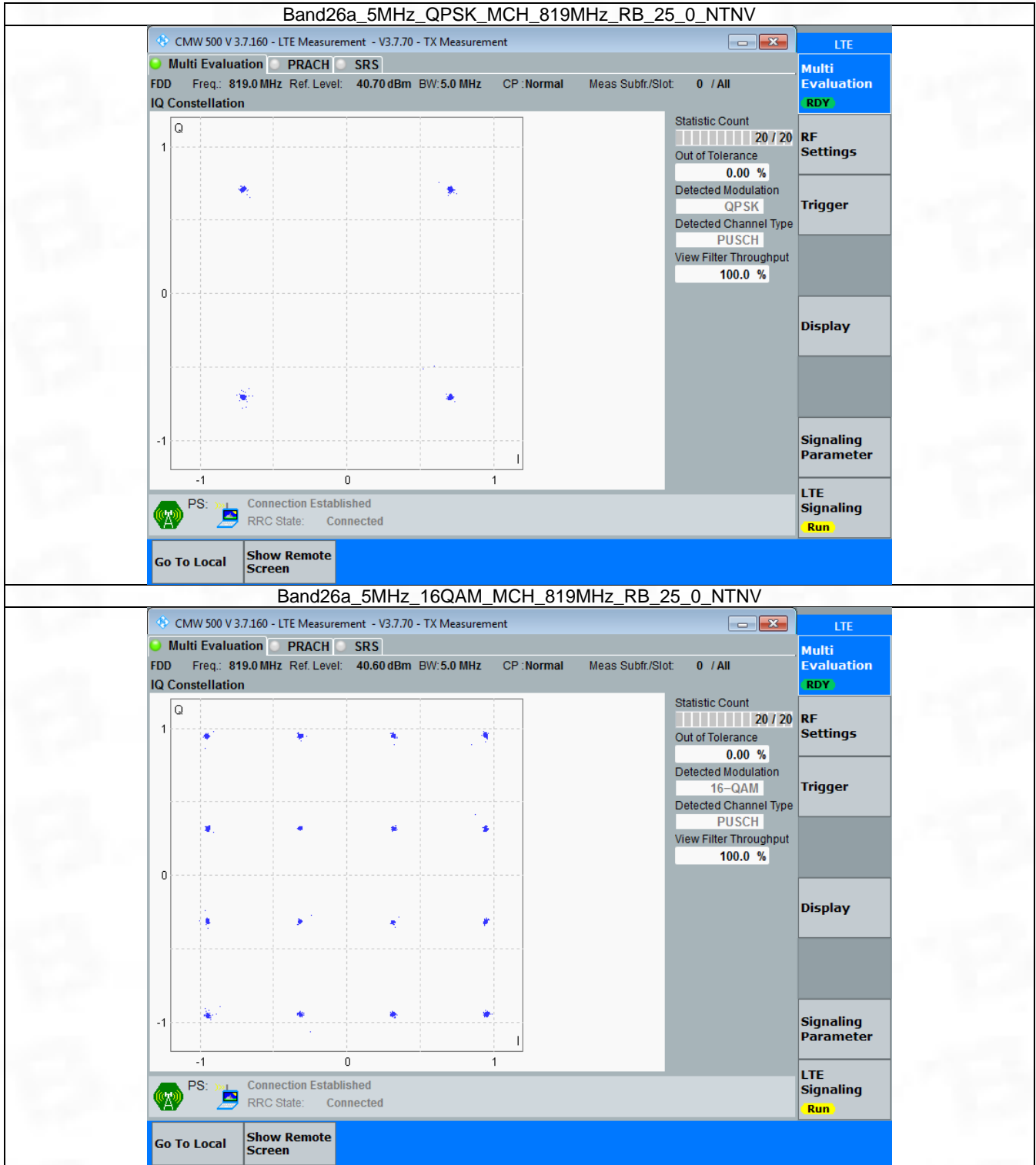


3.3 B26a_5MHz

3.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
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

3.3.2 Test Graph

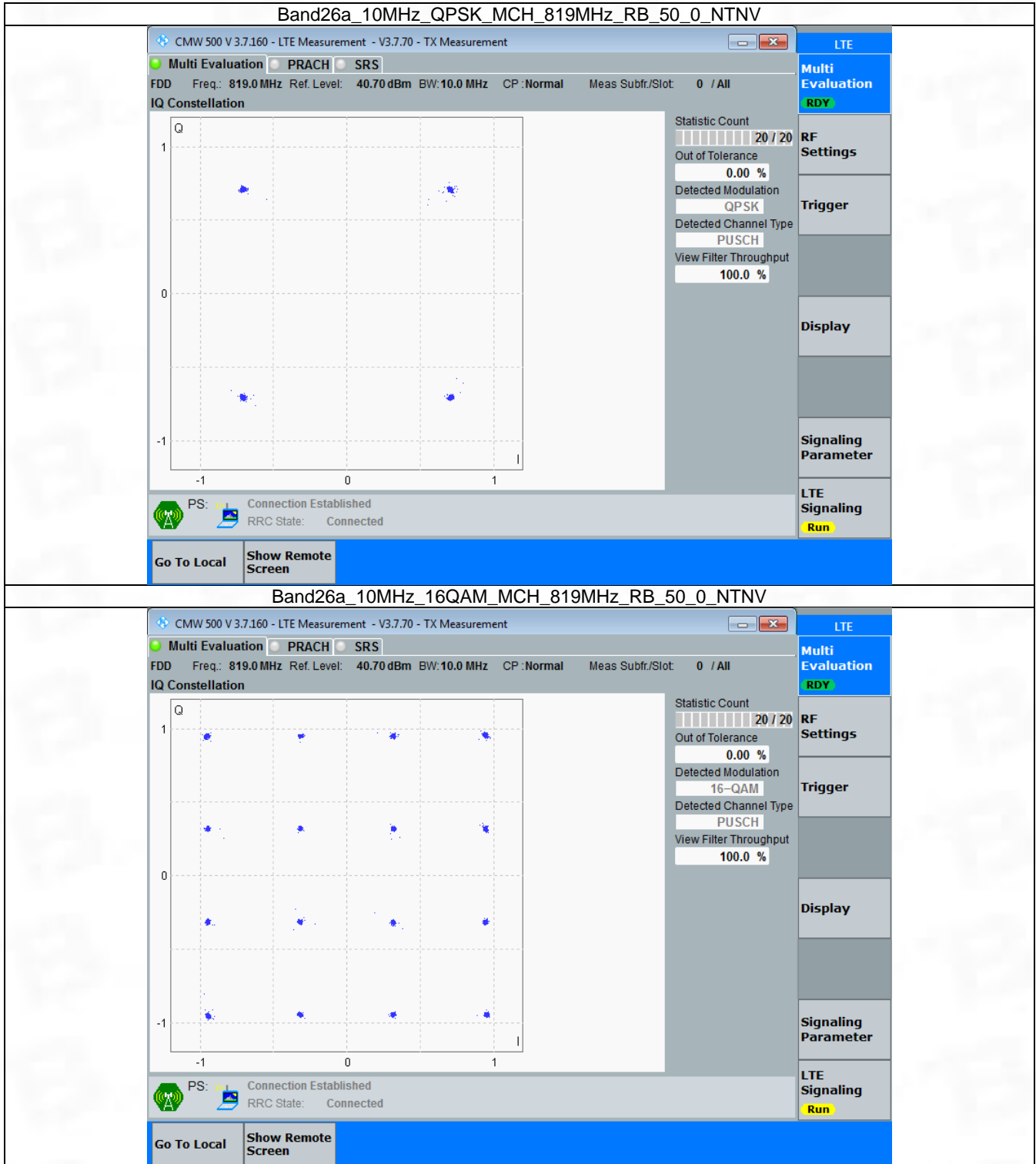


3.4 B26a_10MHz

3.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTV						
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

3.4.2 Test Graph



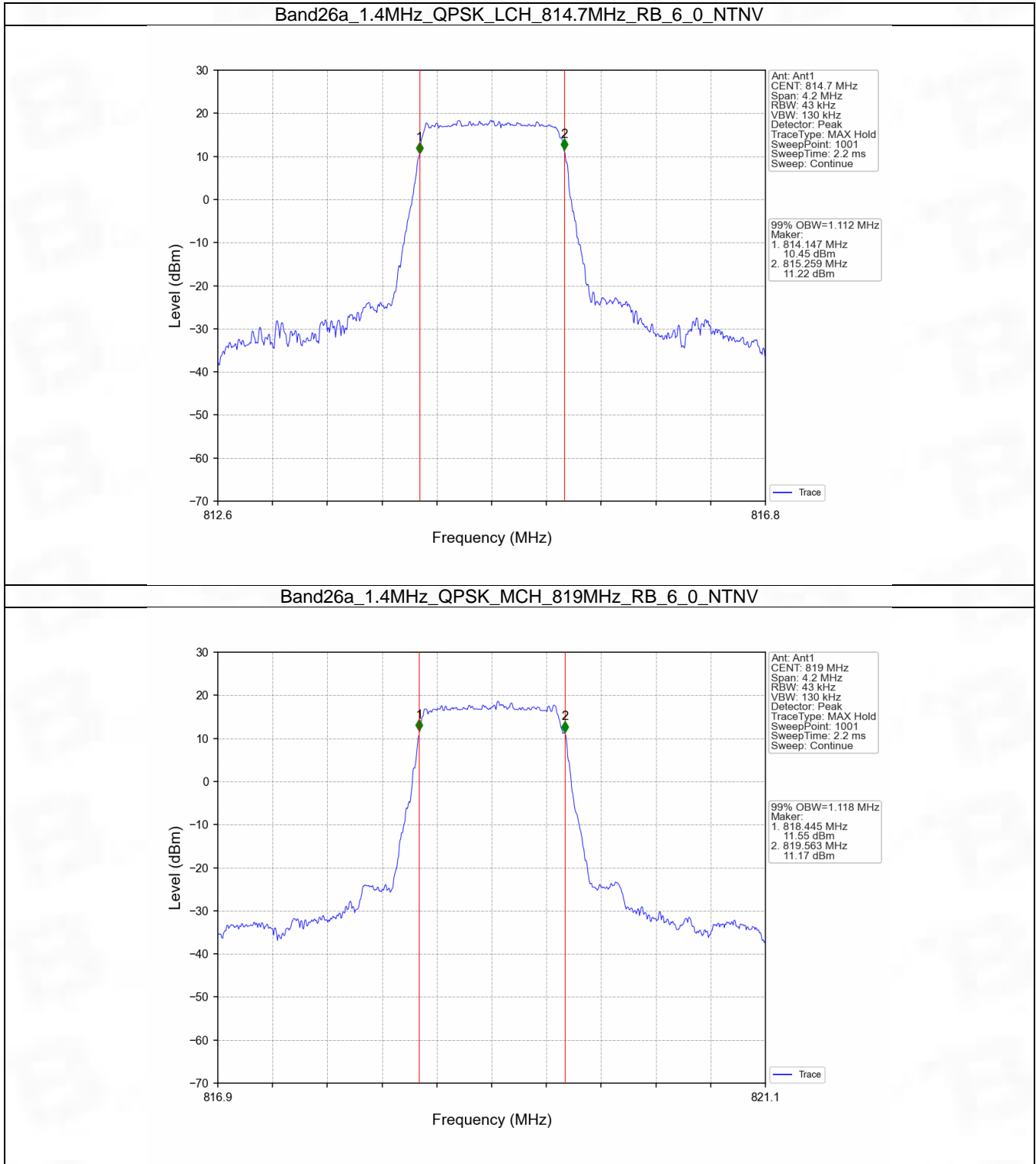
4. 99% & 26dB Bandwidth

4.1 Band26a_OBW

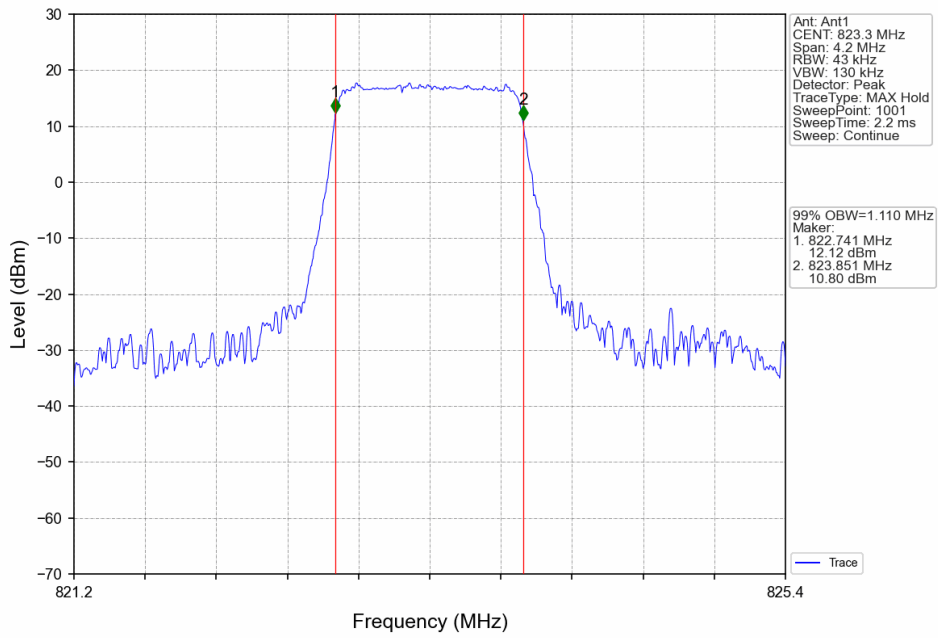
4.1.1 Test Result

Band: 26a / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.112	Pass
		819	6	0	1.118	Pass
		823.3	6	0	1.110	Pass
	16QAM	814.7	6	0	1.117	Pass
		819	6	0	1.108	Pass
		823.3	6	0	1.112	Pass
3	QPSK	815.5	15	0	2.722	Pass
		819	15	0	2.739	Pass
		822.5	15	0	2.721	Pass
	16QAM	815.5	15	0	2.721	Pass
		819	15	0	2.721	Pass
		822.5	15	0	2.720	Pass
5	QPSK	816.5	25	0	4.550	Pass
		819	25	0	4.546	Pass
		821.5	25	0	4.546	Pass
	16QAM	816.5	25	0	4.532	Pass
		819	25	0	4.525	Pass
		821.5	25	0	4.547	Pass
10	QPSK	819	50	0	9.046	Pass
	16QAM	819	50	0	9.033	Pass

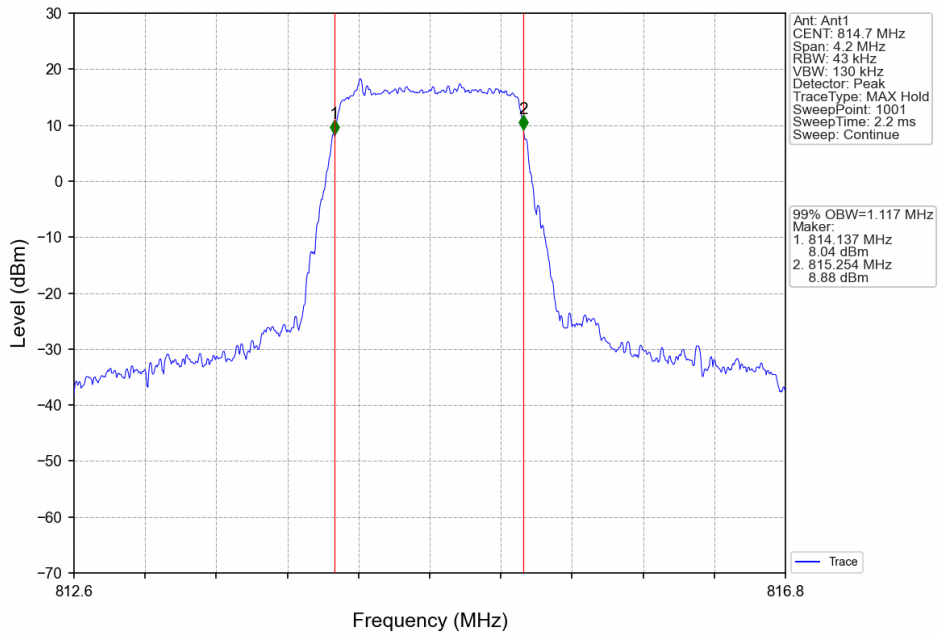
4.1.2 Test Graph



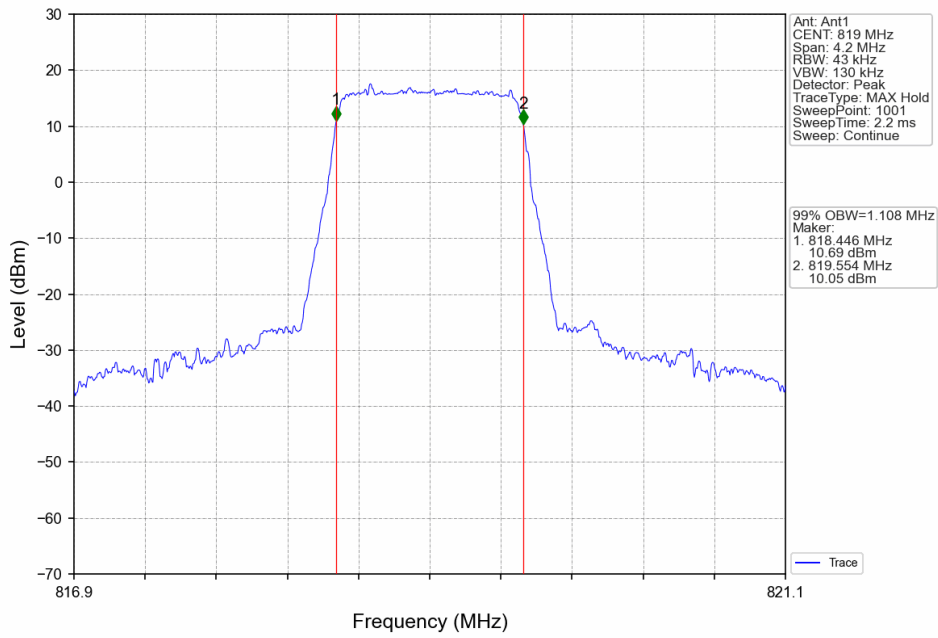
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



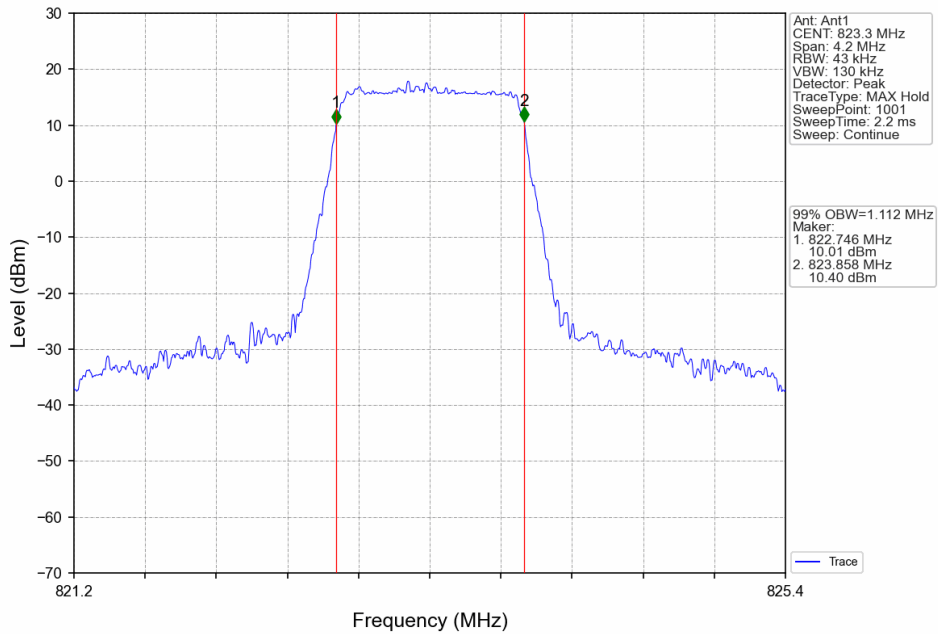
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



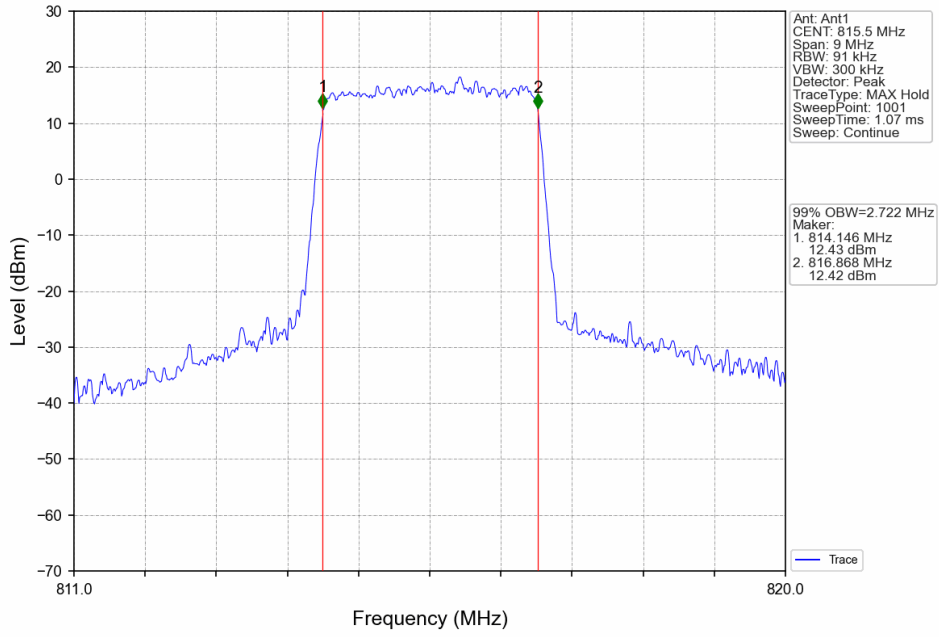
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



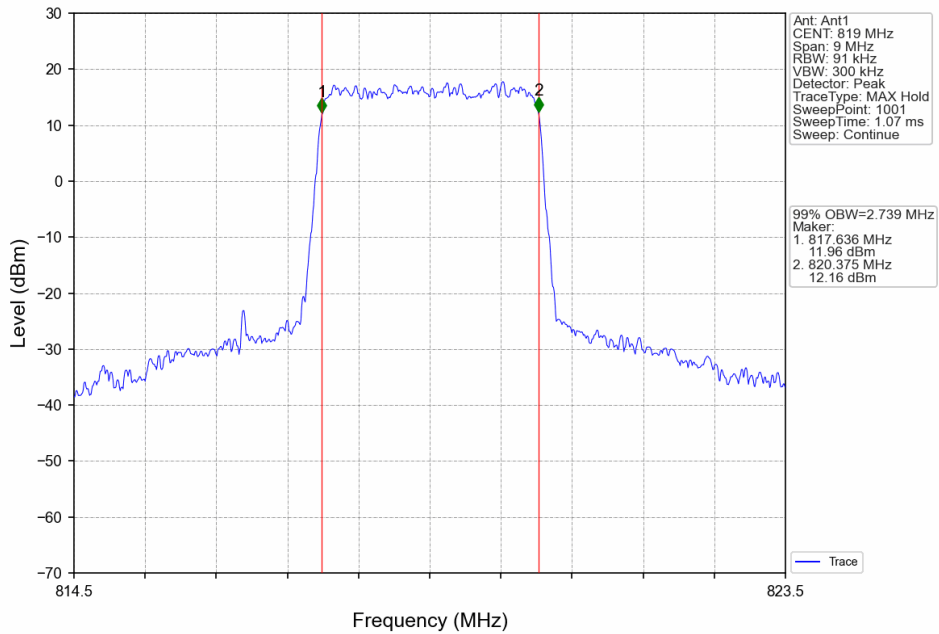
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



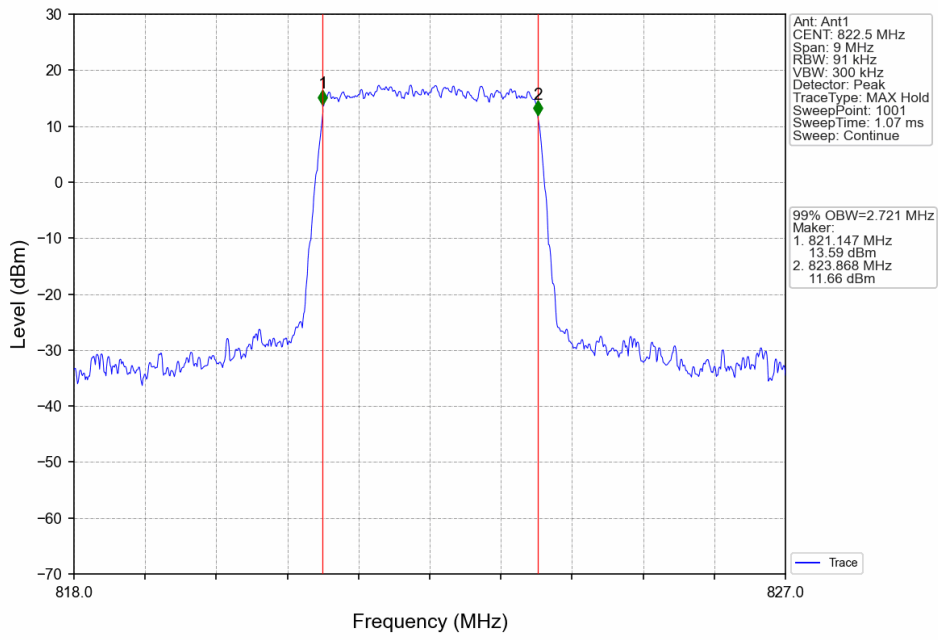
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



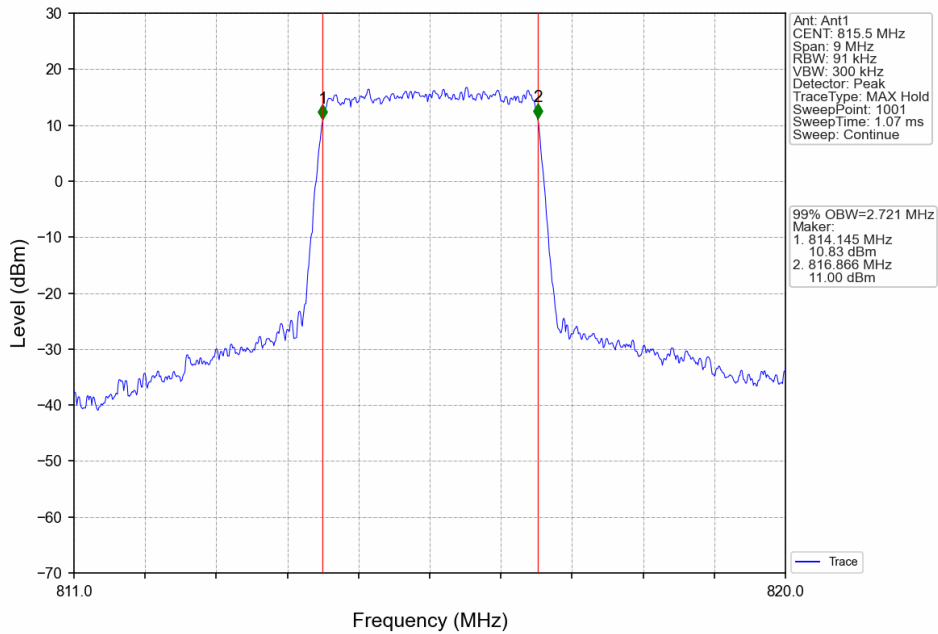
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



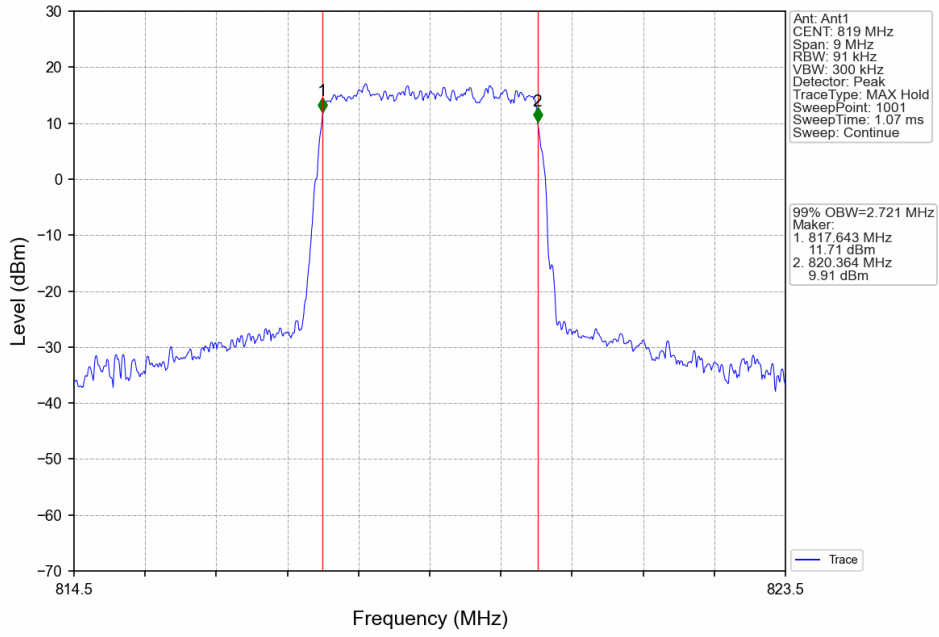
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



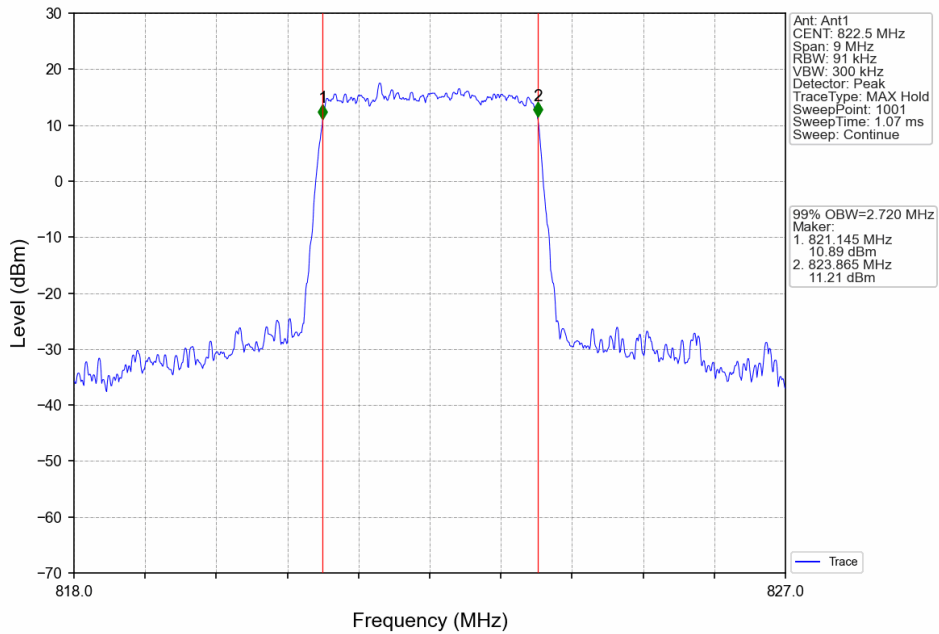
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



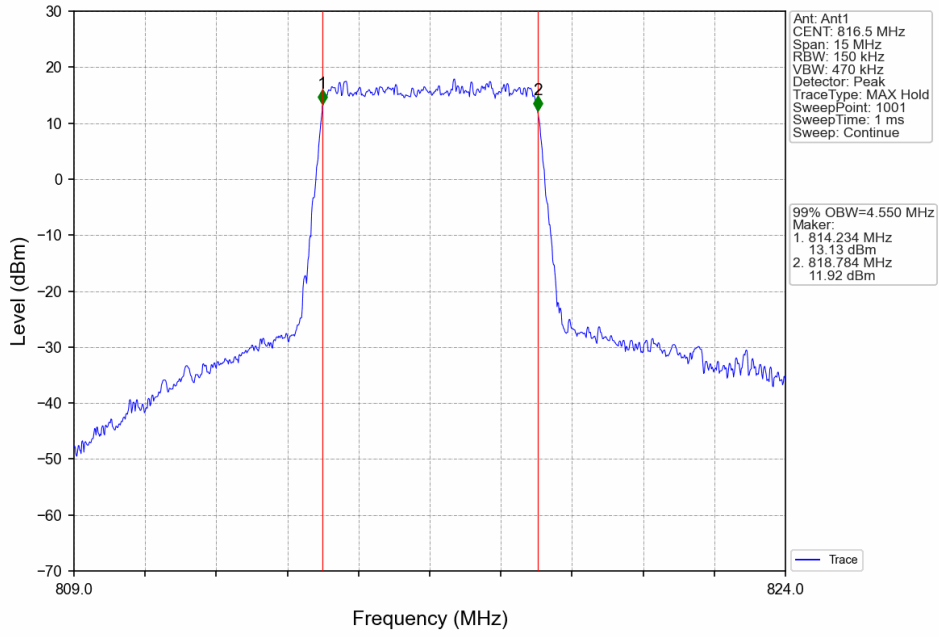
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



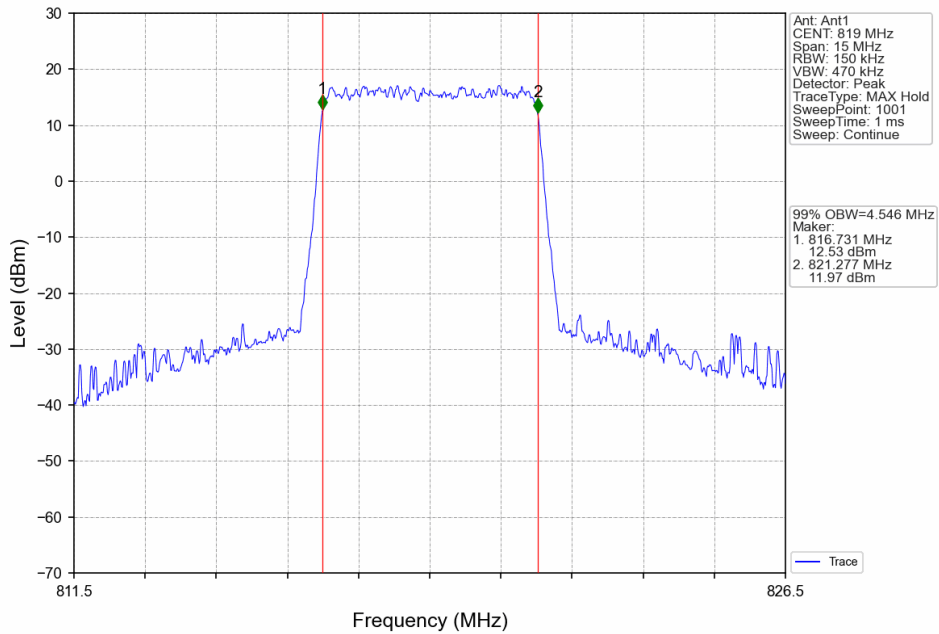
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



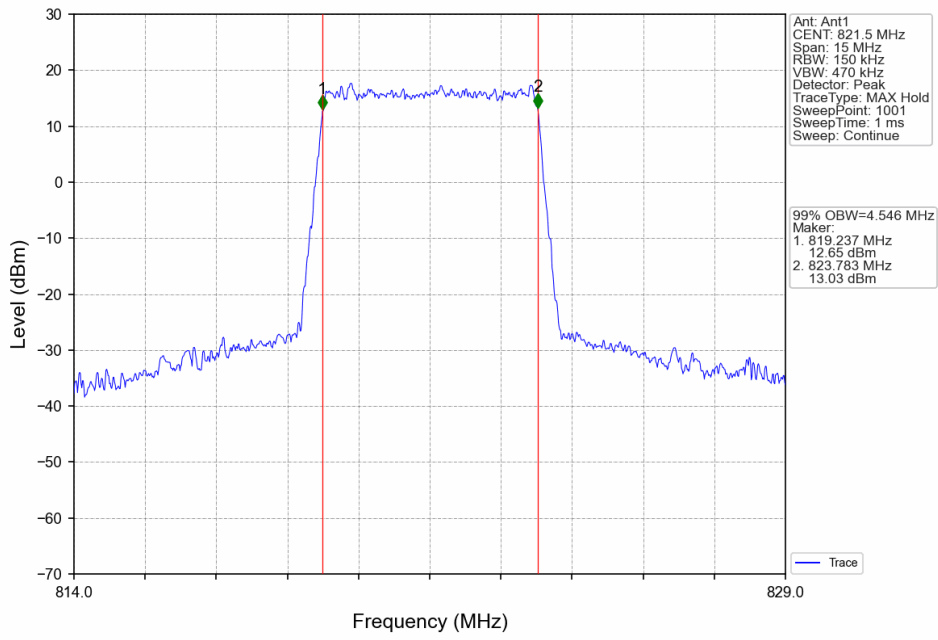
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



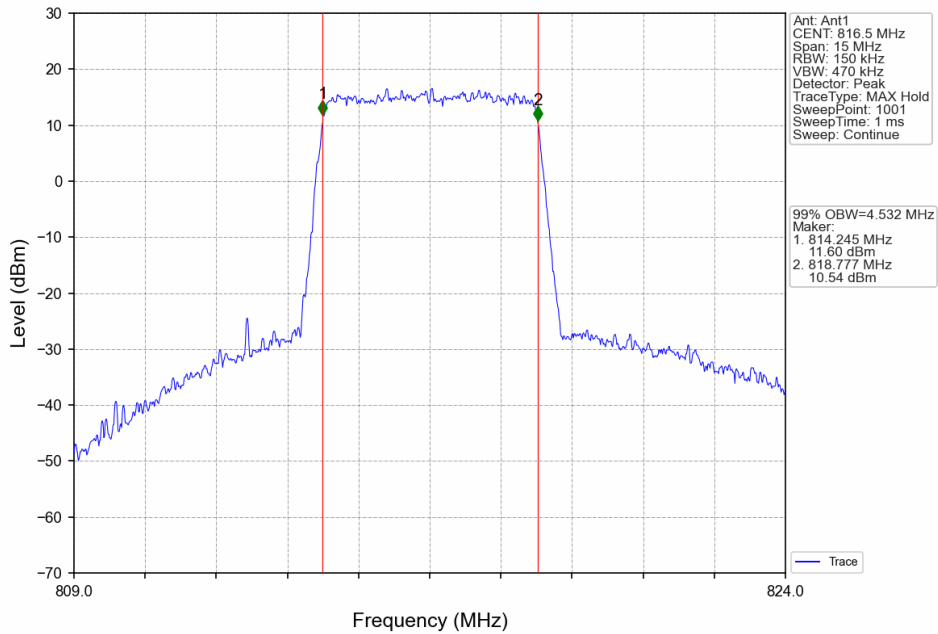
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



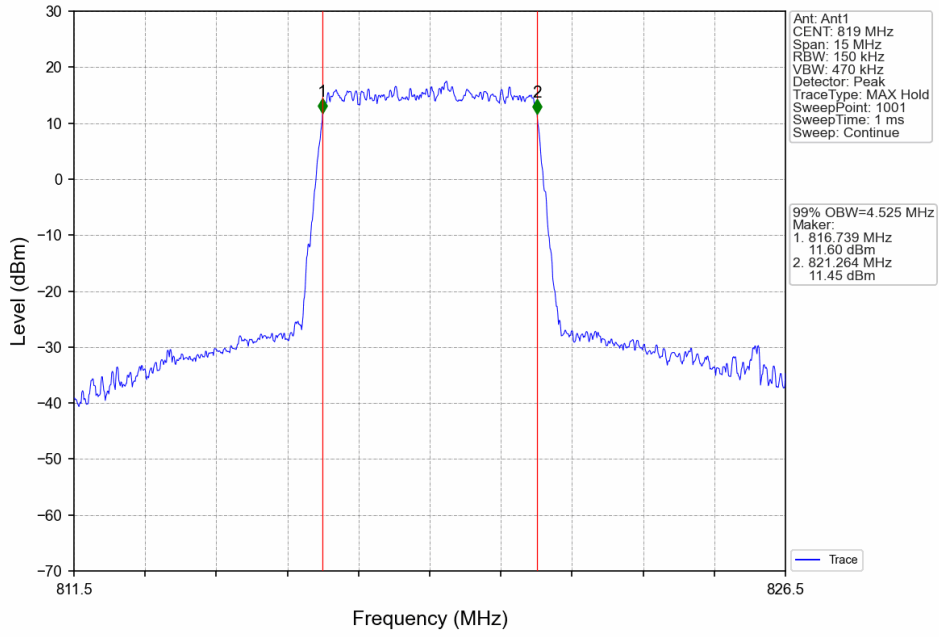
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



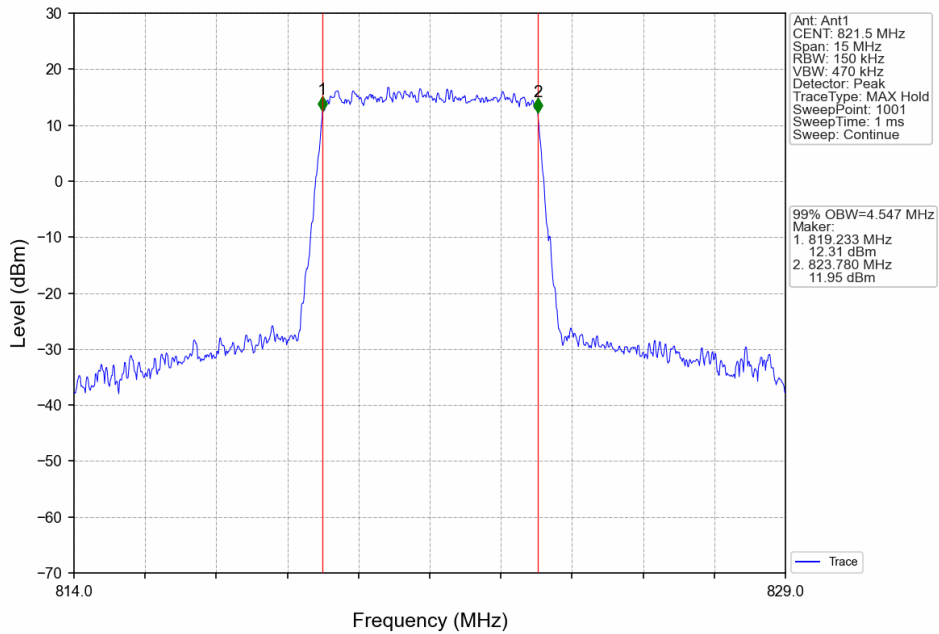
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



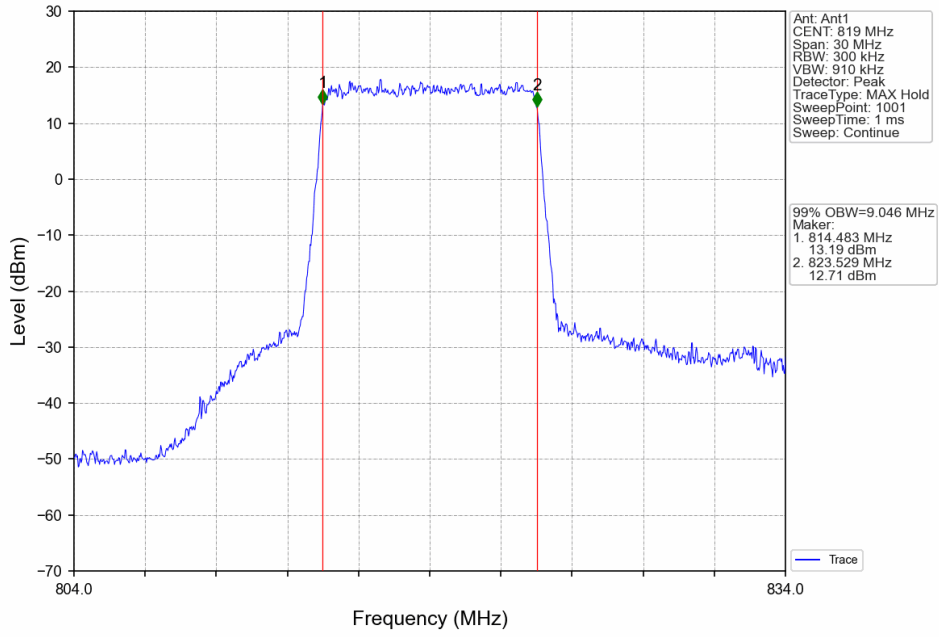
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



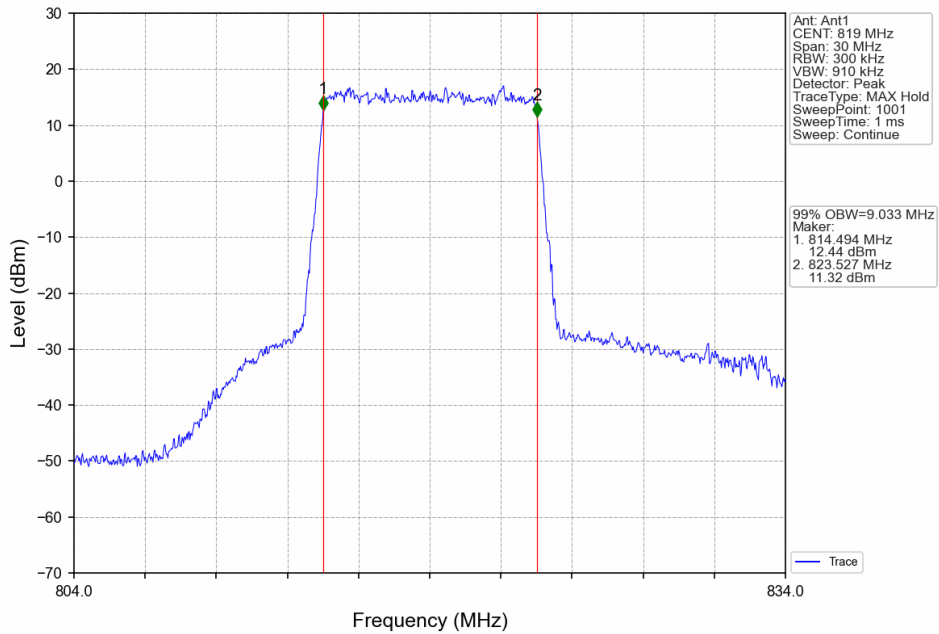
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV

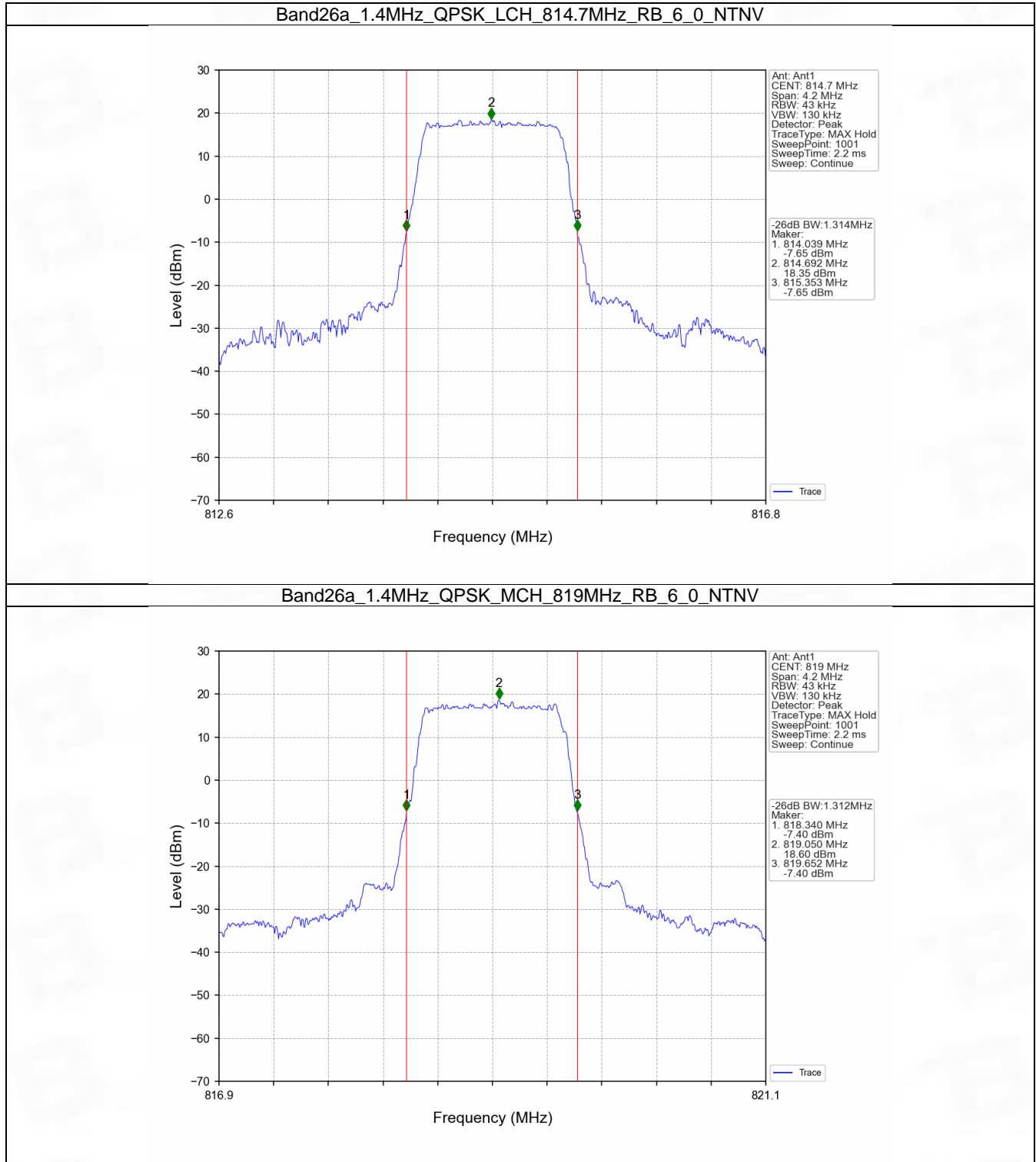


4.2 Band26a_XDB

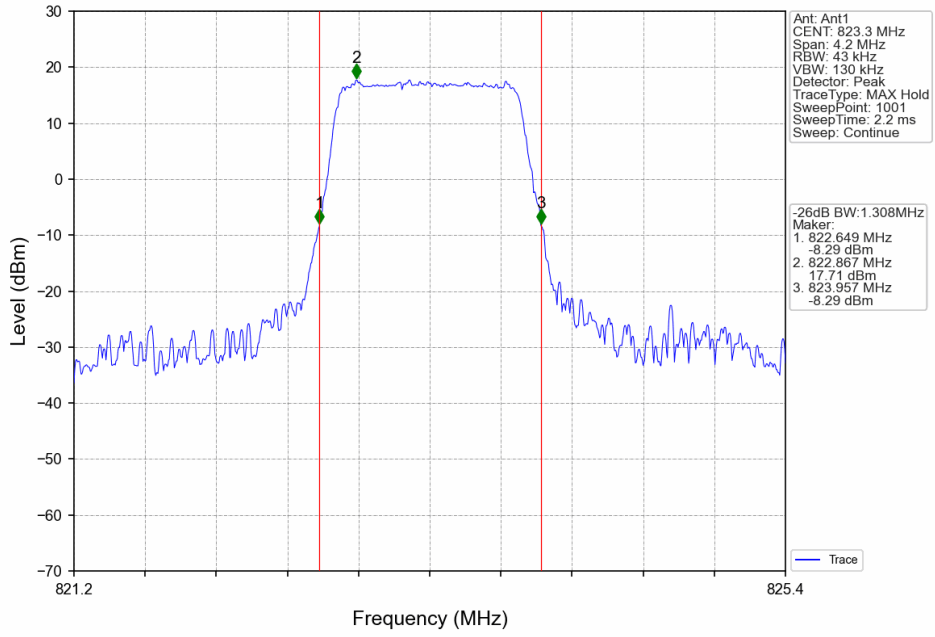
4.2.1 Test Result

Band: 26a / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	814.7	6	0	1.314	Pass
		819	6	0	1.312	Pass
		823.3	6	0	1.308	Pass
	16QAM	814.7	6	0	1.319	Pass
		819	6	0	1.301	Pass
		823.3	6	0	1.325	Pass
3	QPSK	815.5	15	0	2.996	Pass
		819	15	0	2.984	Pass
		822.5	15	0	2.993	Pass
	16QAM	815.5	15	0	2.986	Pass
		819	15	0	2.984	Pass
		822.5	15	0	2.984	Pass
5	QPSK	816.5	25	0	5.019	Pass
		819	25	0	4.981	Pass
		821.5	25	0	5.023	Pass
	16QAM	816.5	25	0	5.028	Pass
		819	25	0	4.989	Pass
		821.5	25	0	5.001	Pass
10	QPSK	819	50	0	9.893	Pass
	16QAM	819	50	0	9.871	Pass

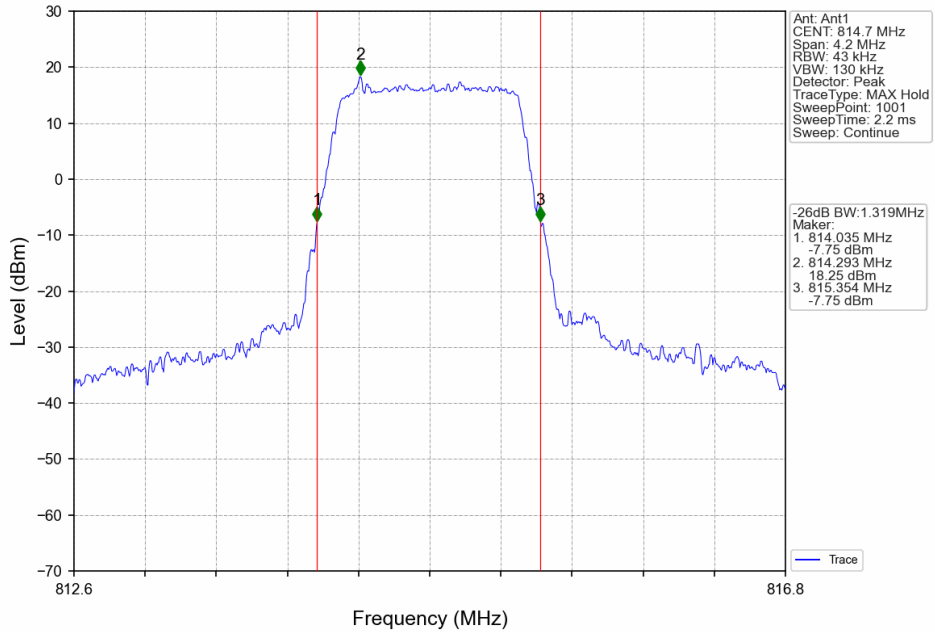
4.2.2 Test Graph



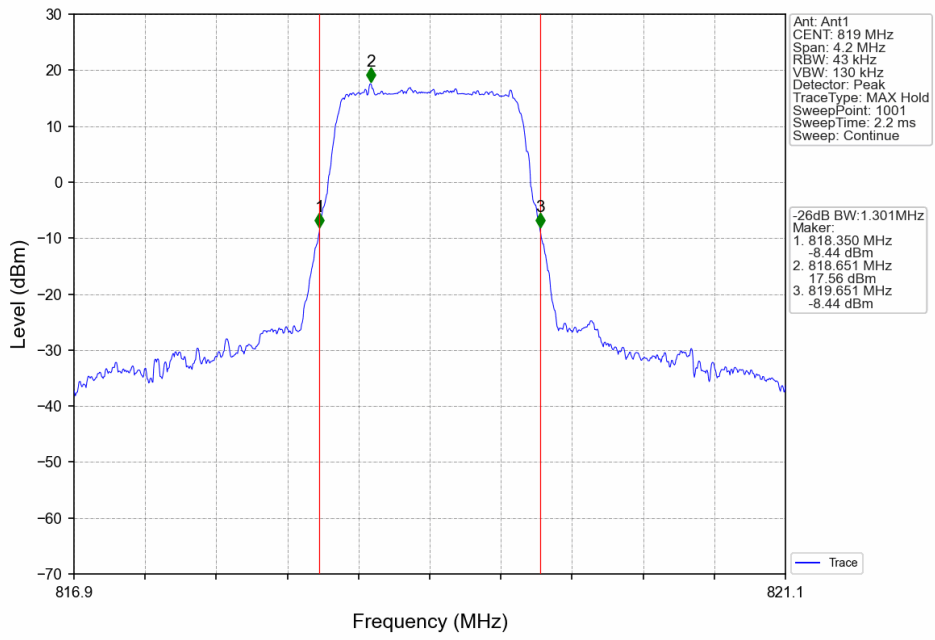
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



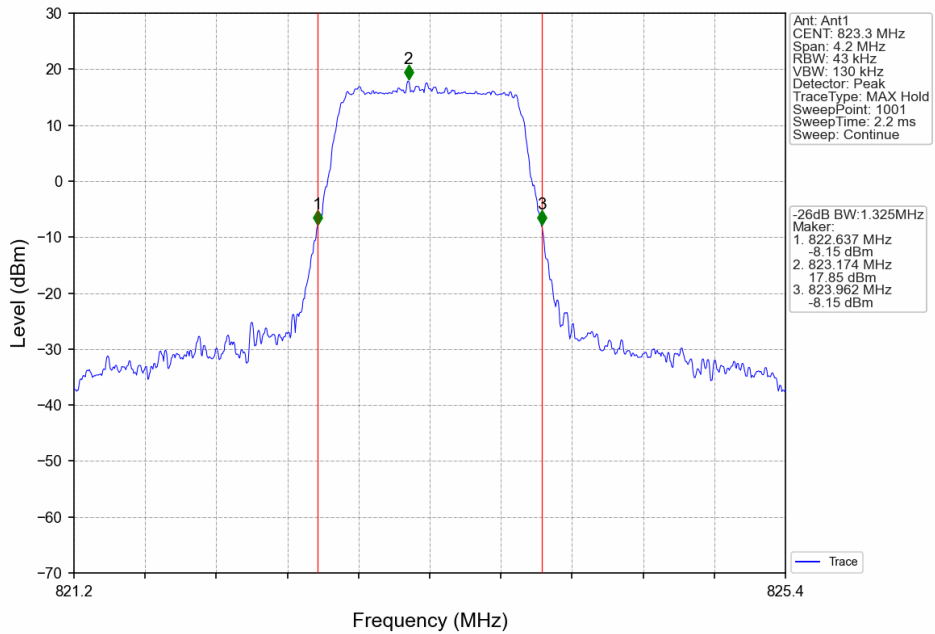
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



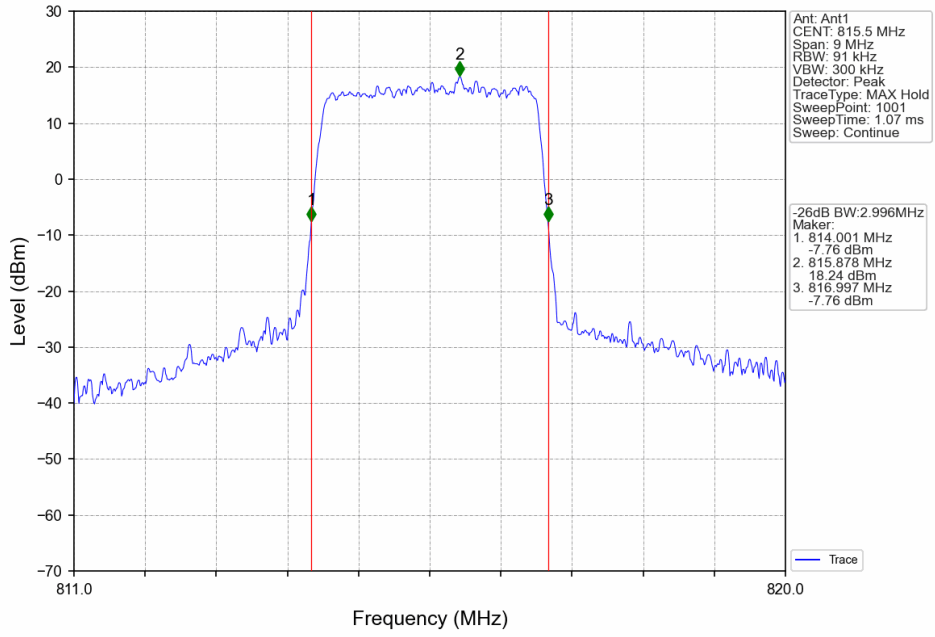
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



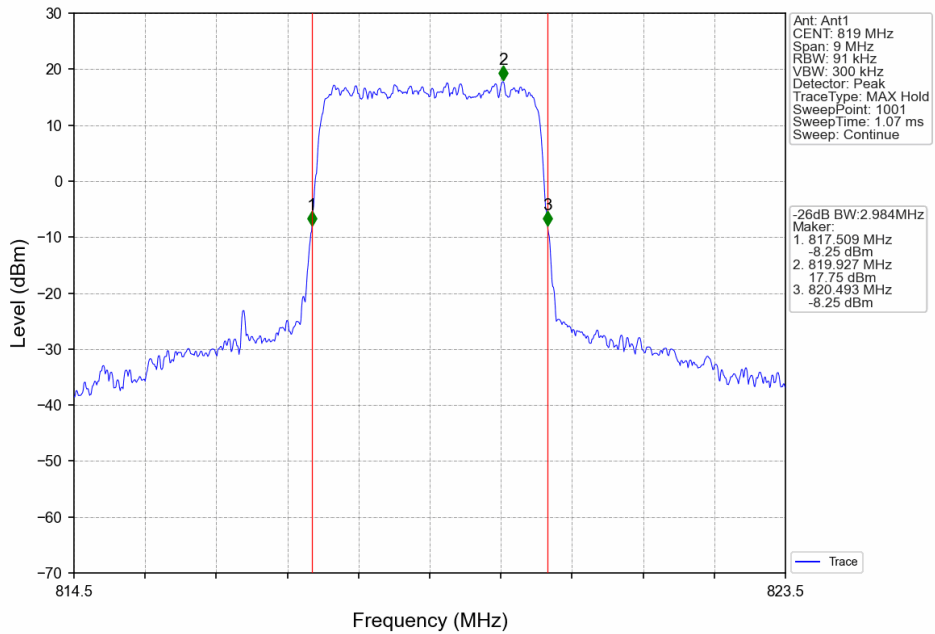
Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV



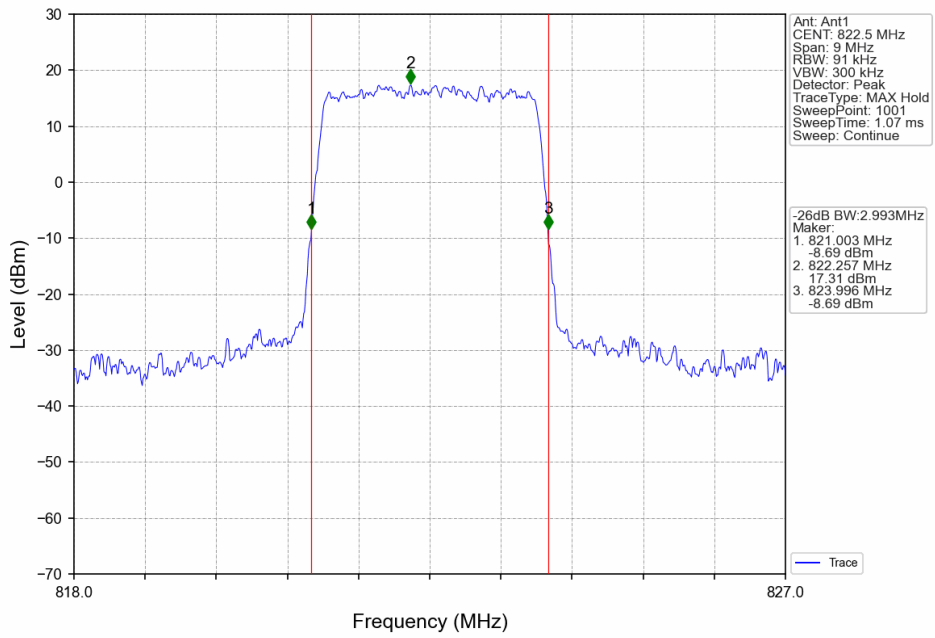
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



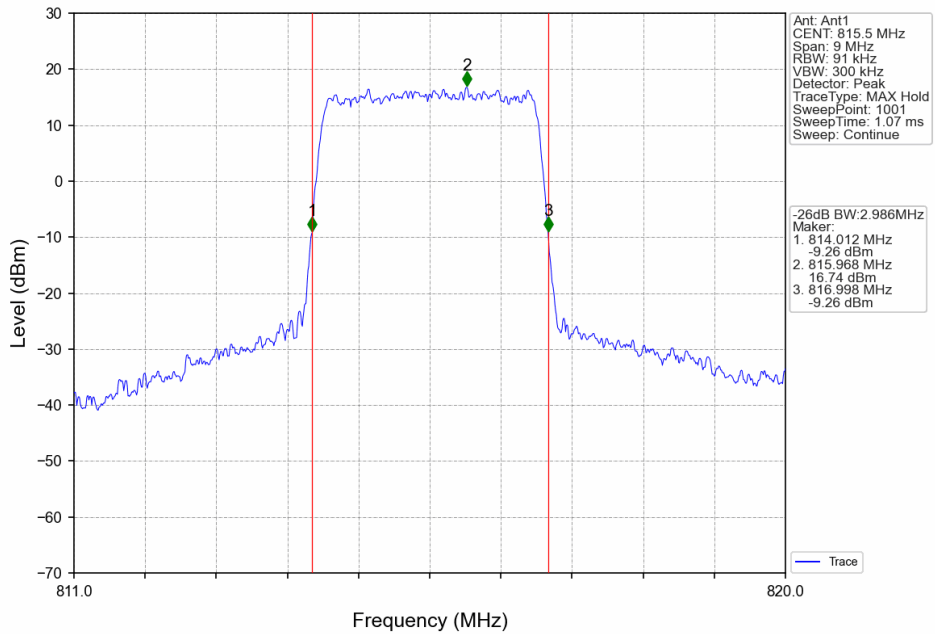
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



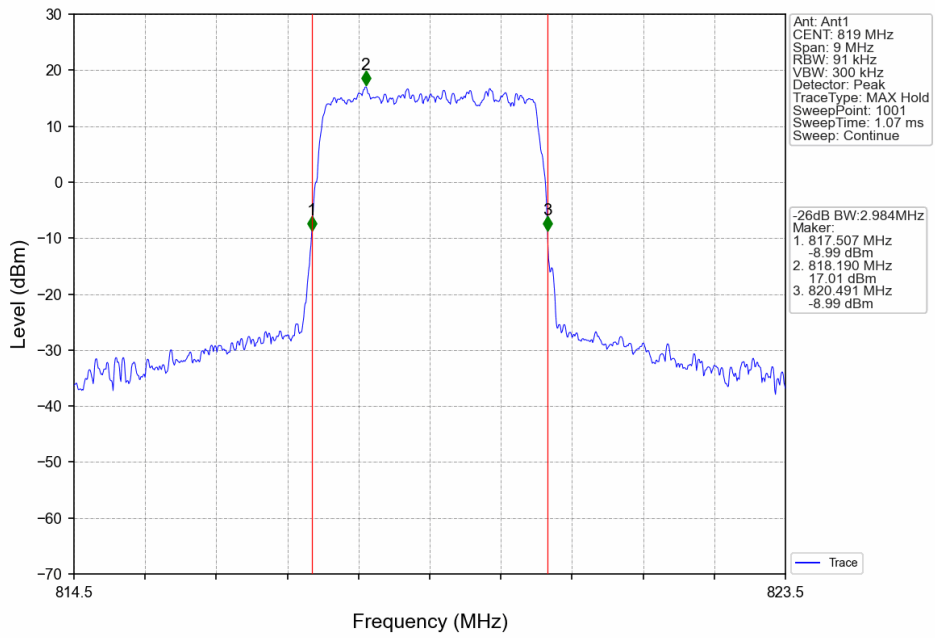
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



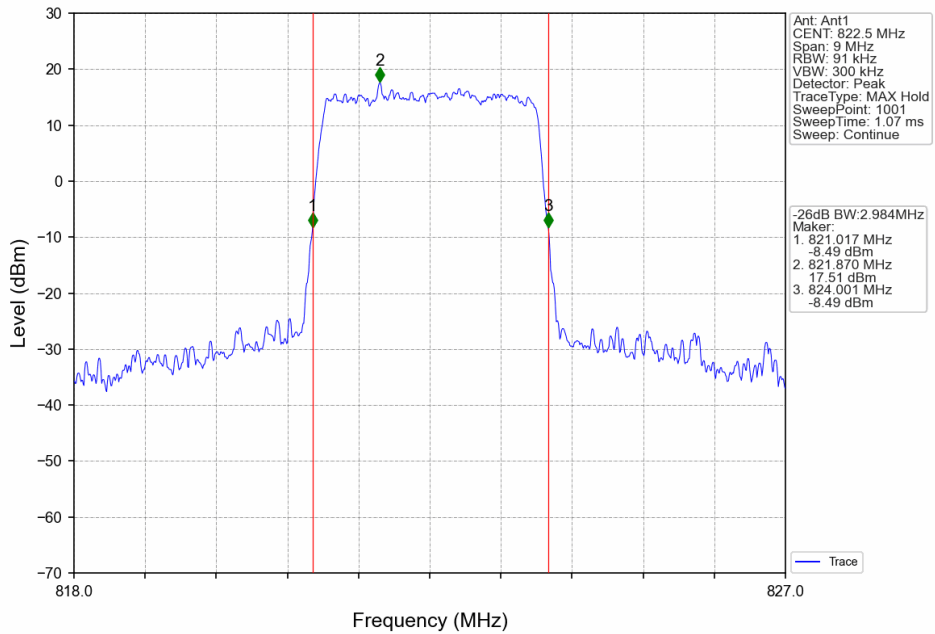
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



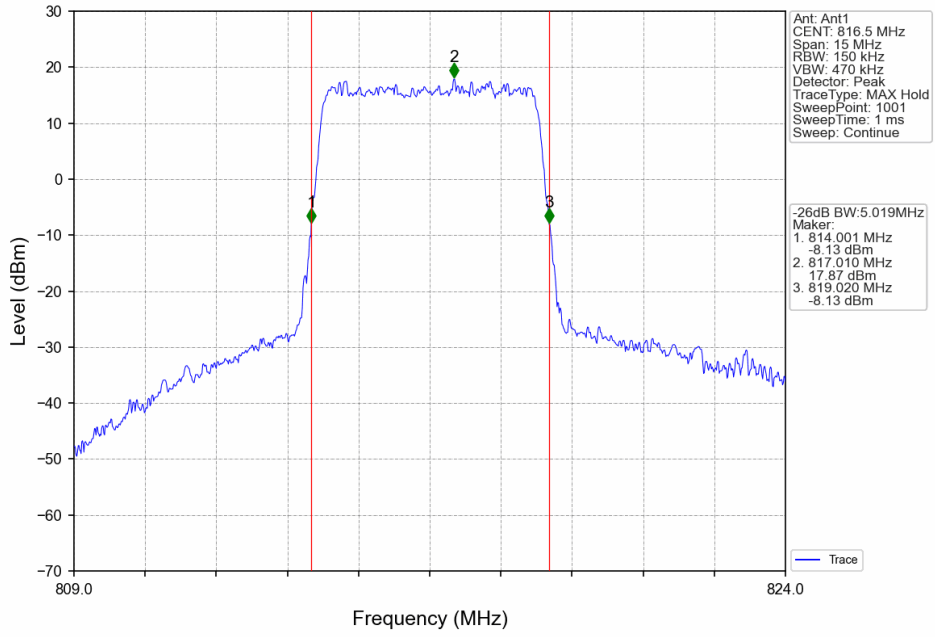
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



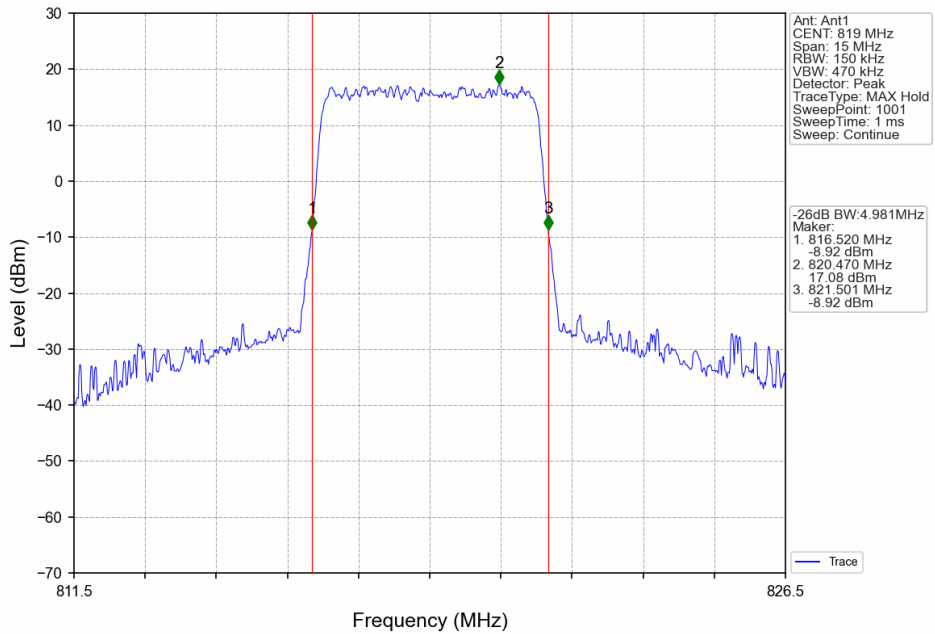
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



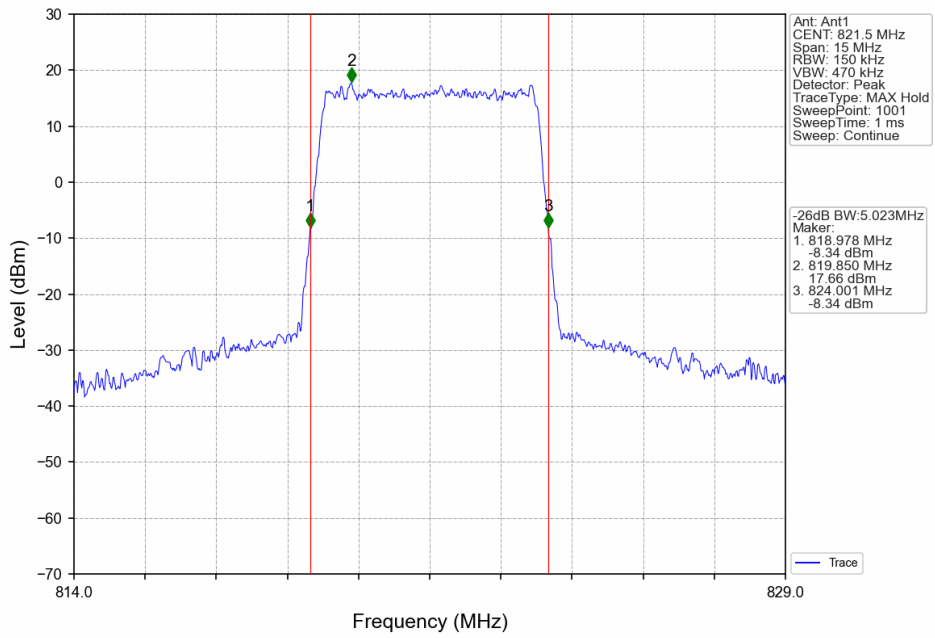
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



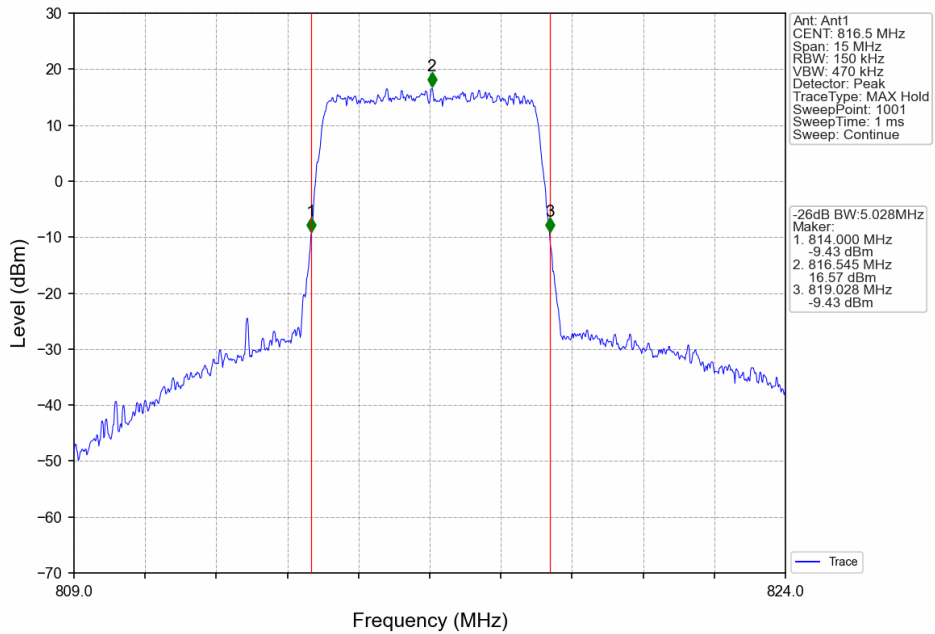
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



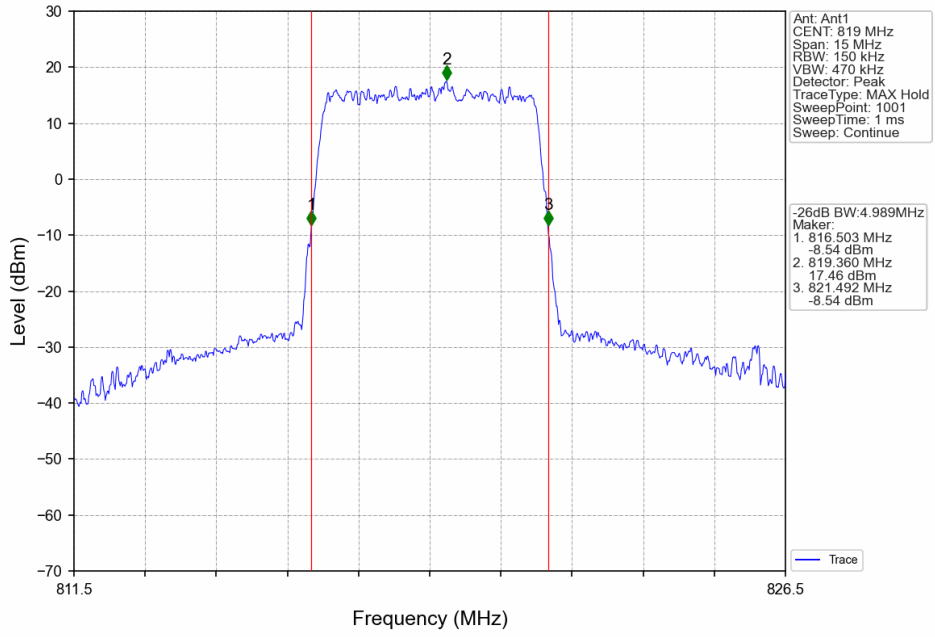
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



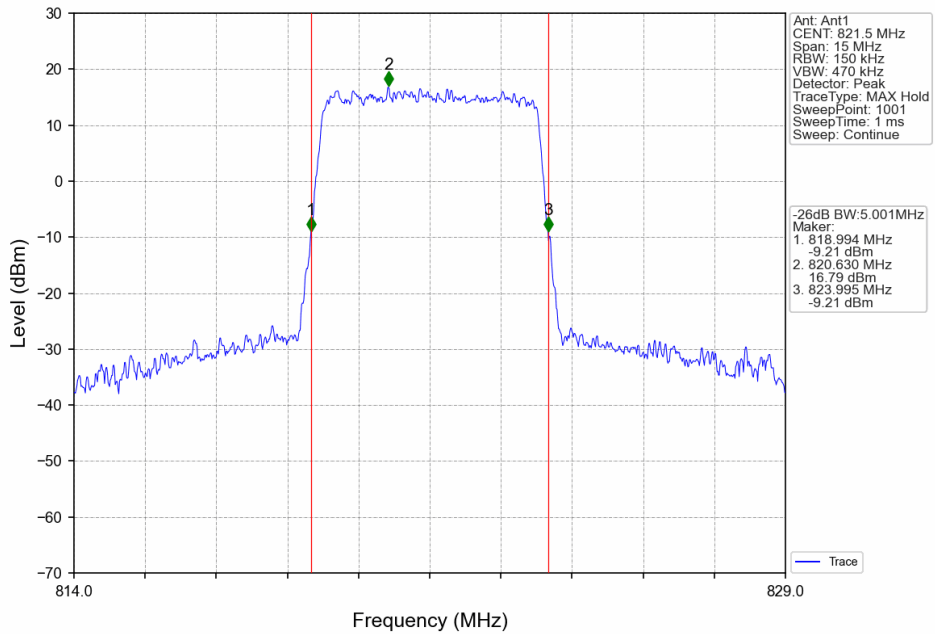
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



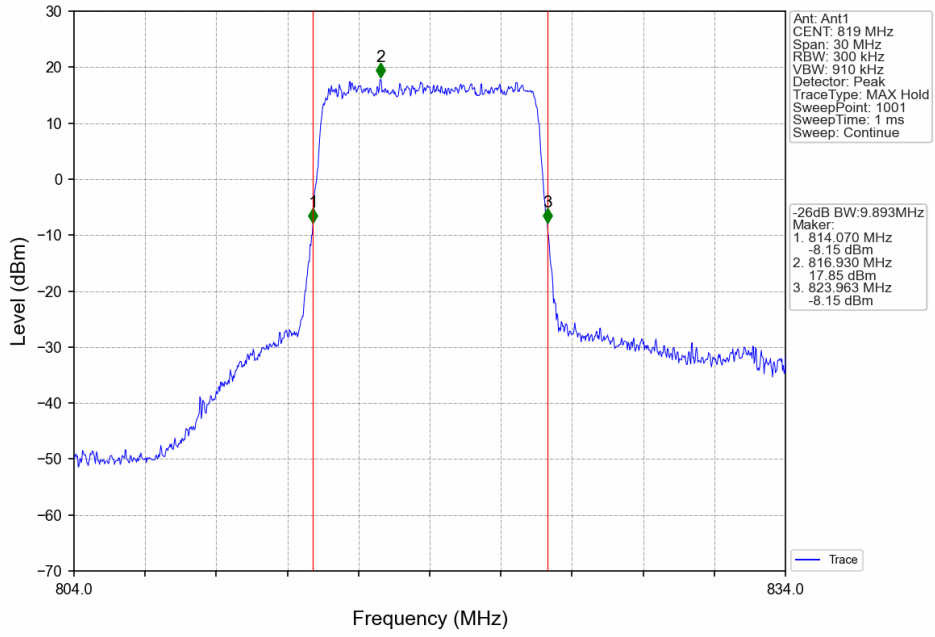
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



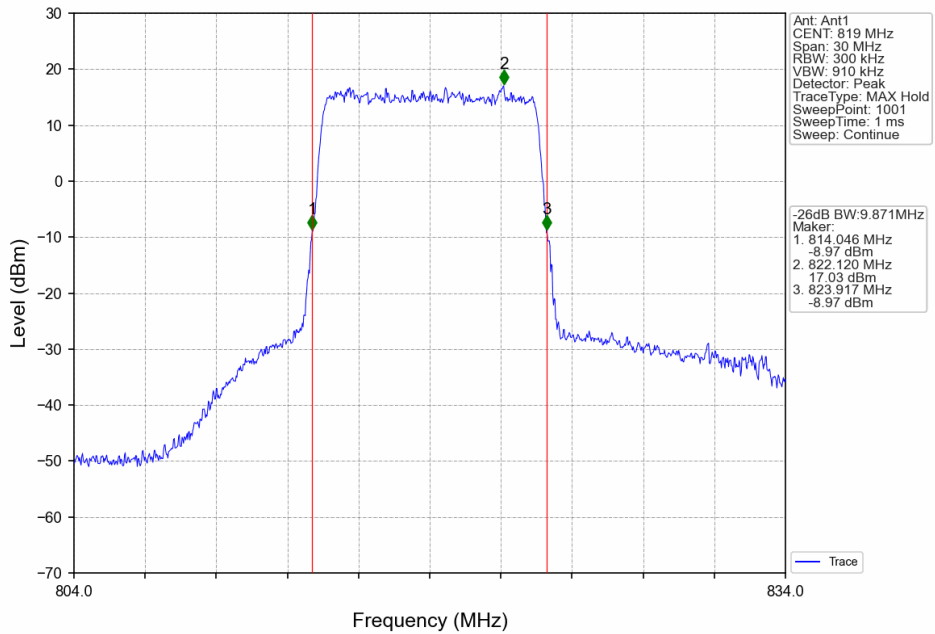
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



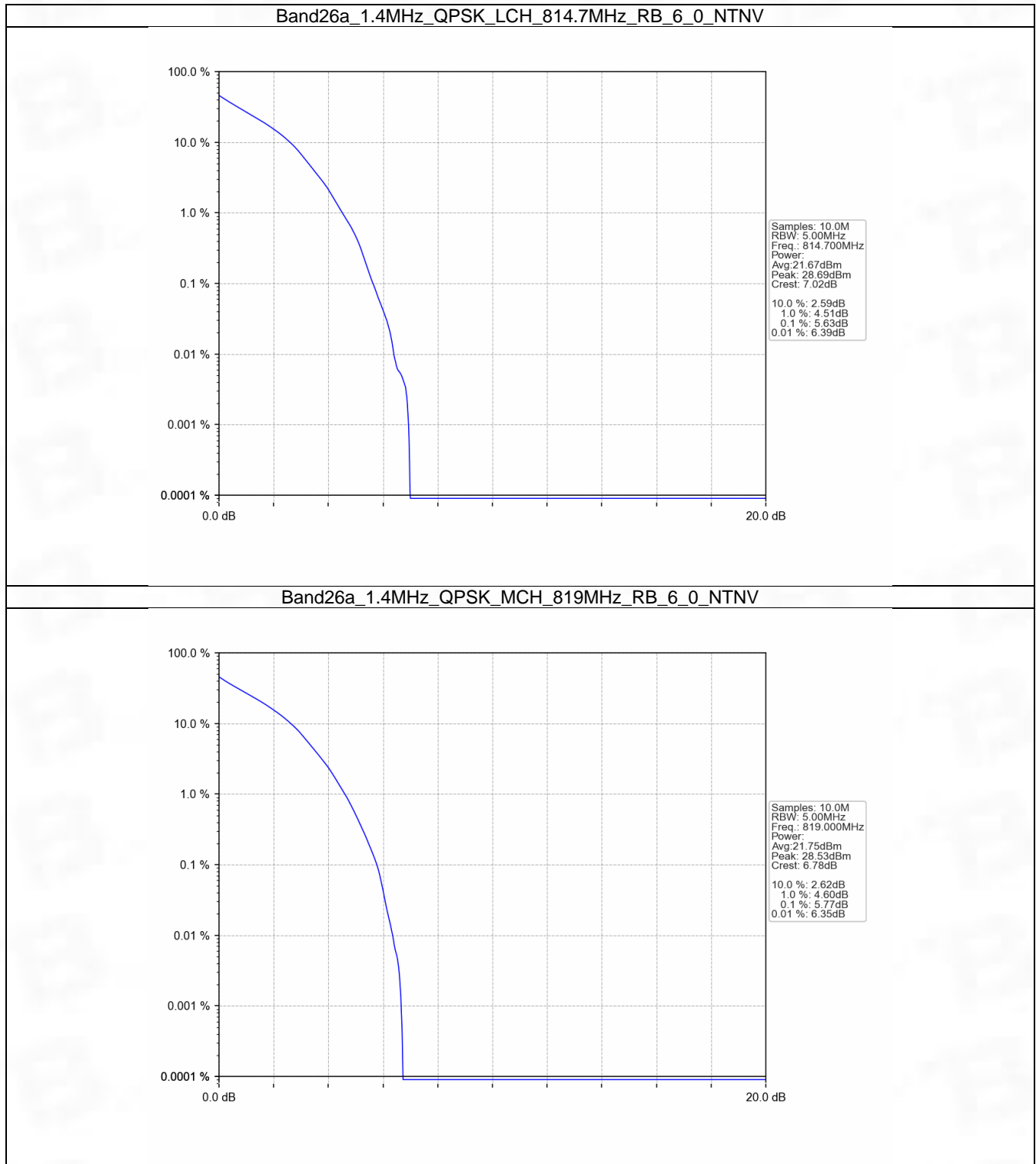
5. Peak-Average Ratio

5.1 B26a_1.4MHz

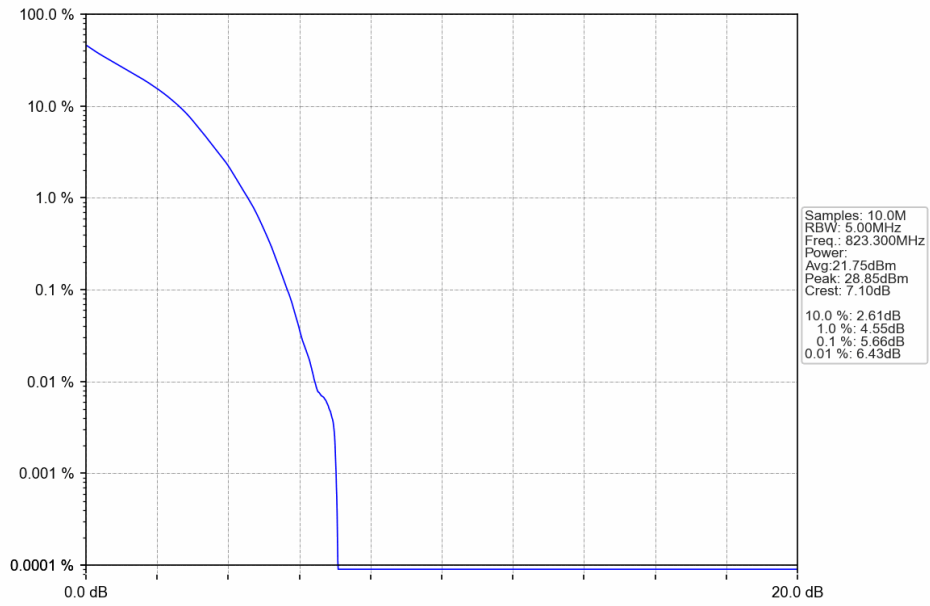
5.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	5.63	<=13	Pass
	819	6	0	5.77	<=13	Pass
	823.3	6	0	5.66	<=13	Pass
16QAM	814.7	6	0	6.41	<=13	Pass
	819	6	0	6.54	<=13	Pass
	823.3	6	0	6.41	<=13	Pass

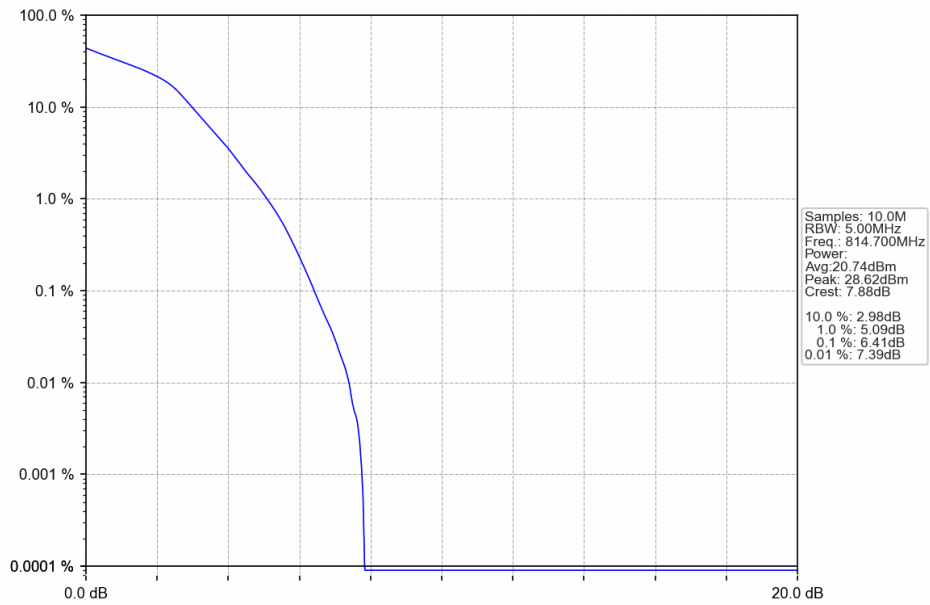
5.1.2 Test Graph



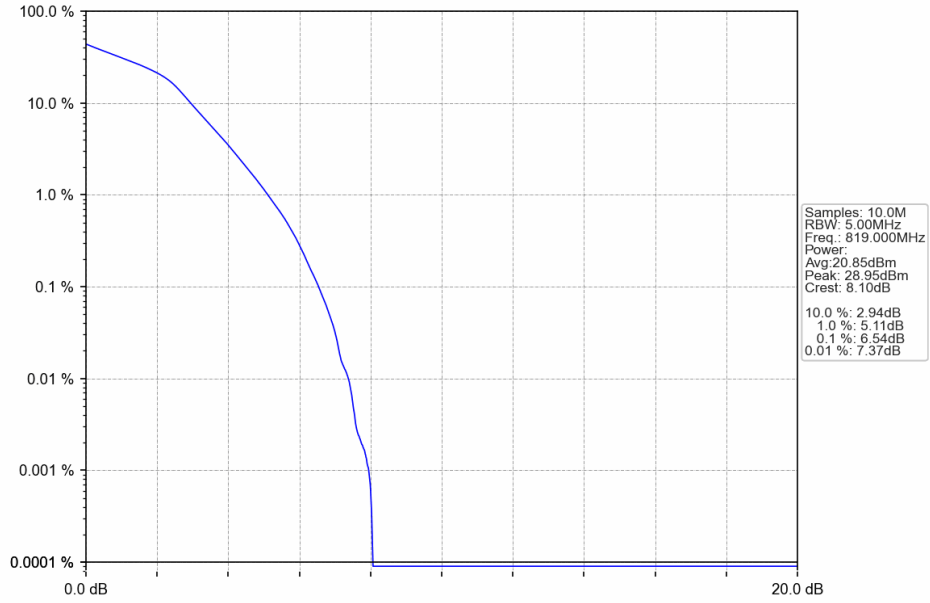
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



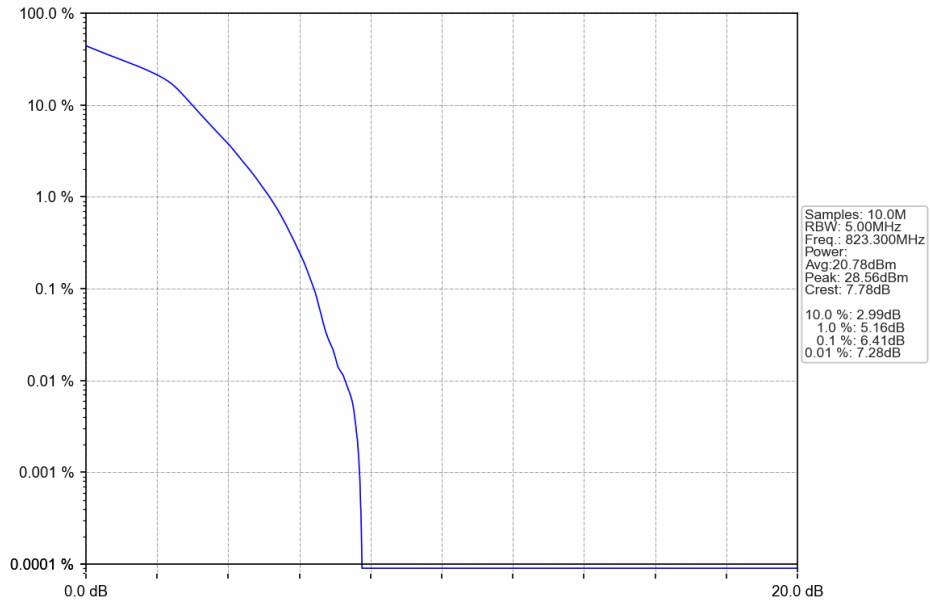
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

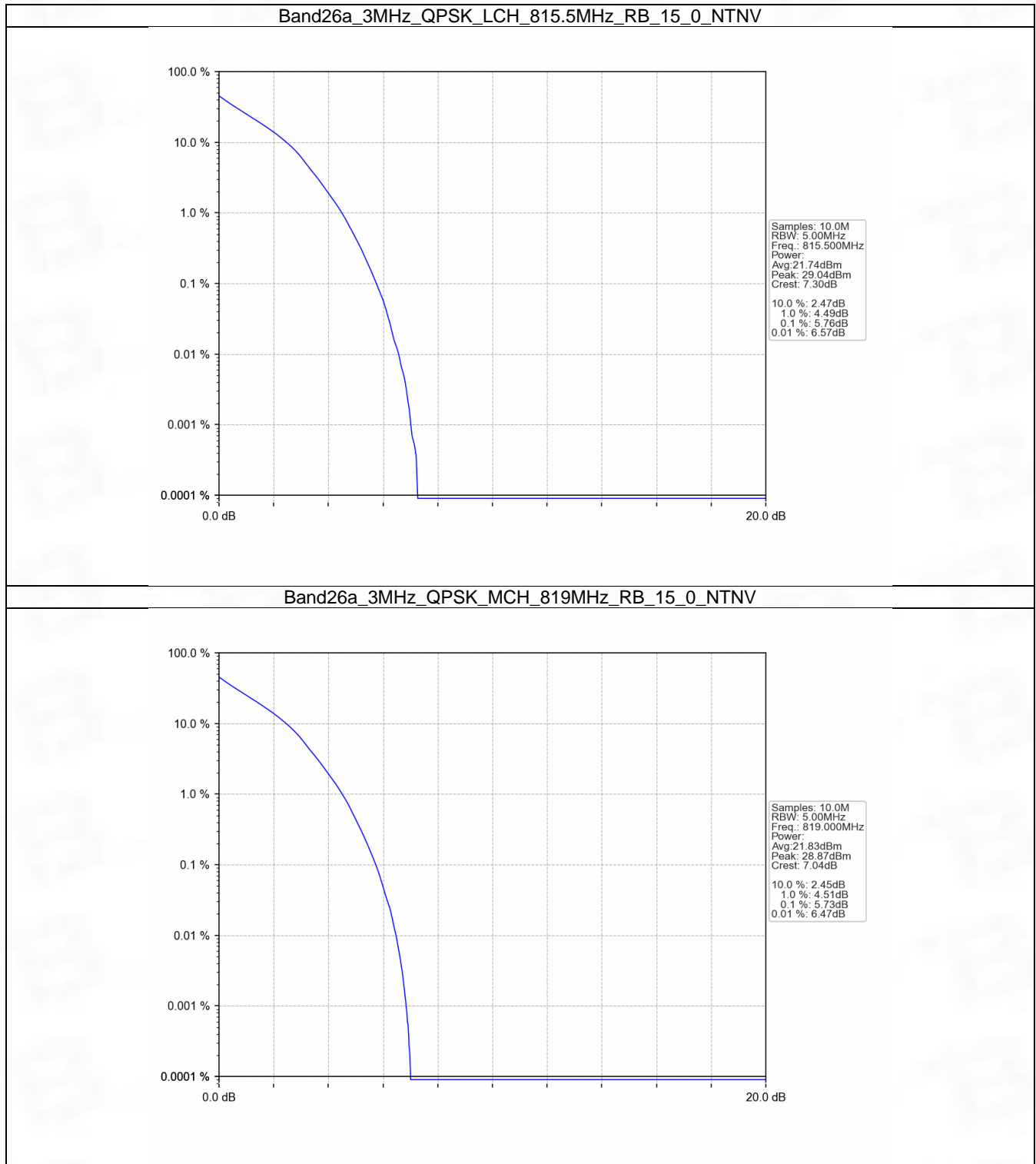


5.2 B26a_3MHz

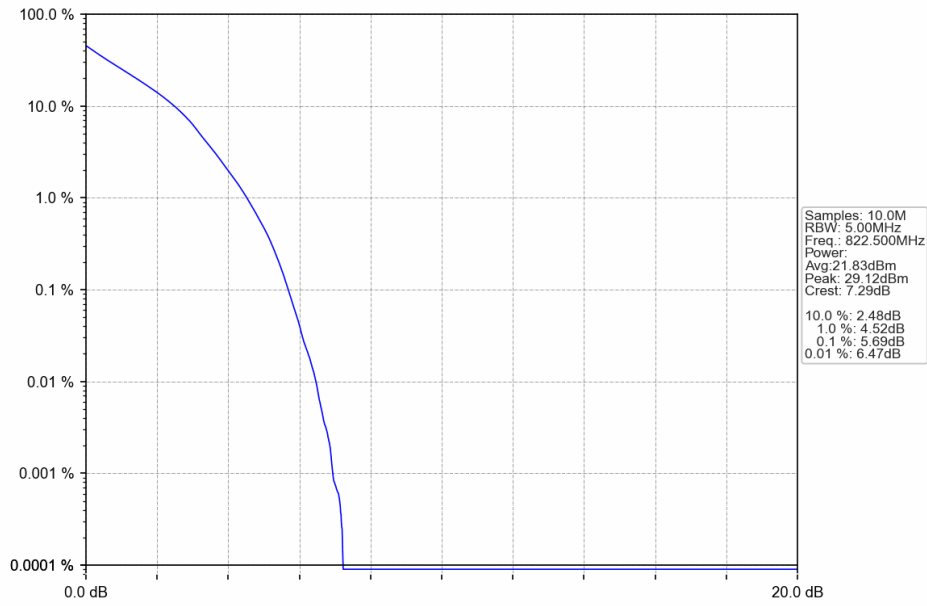
5.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.76	<=13	Pass
	819	15	0	5.73	<=13	Pass
	822.5	15	0	5.69	<=13	Pass
16QAM	815.5	15	0	6.48	<=13	Pass
	819	15	0	6.56	<=13	Pass
	822.5	15	0	6.48	<=13	Pass

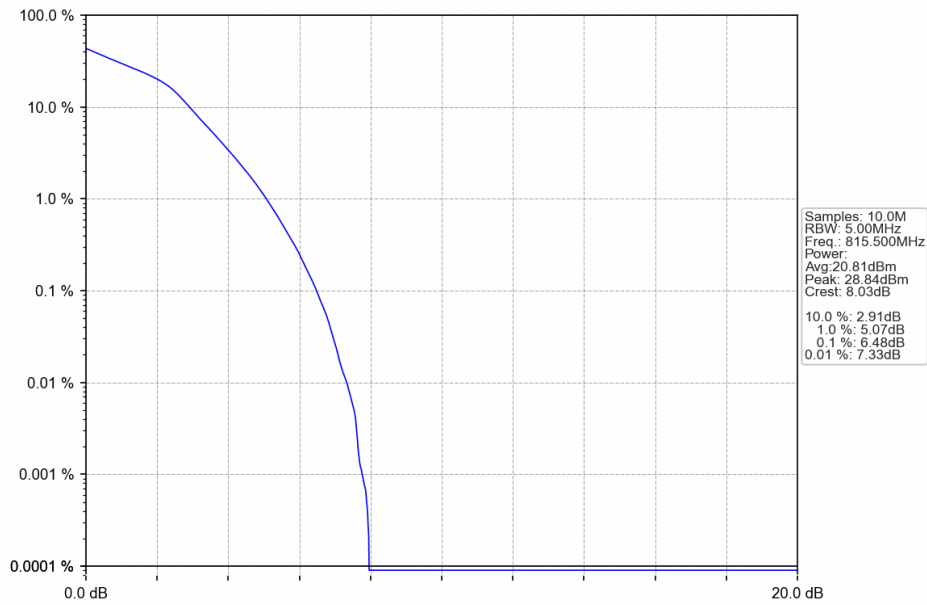
5.2.2 Test Graph



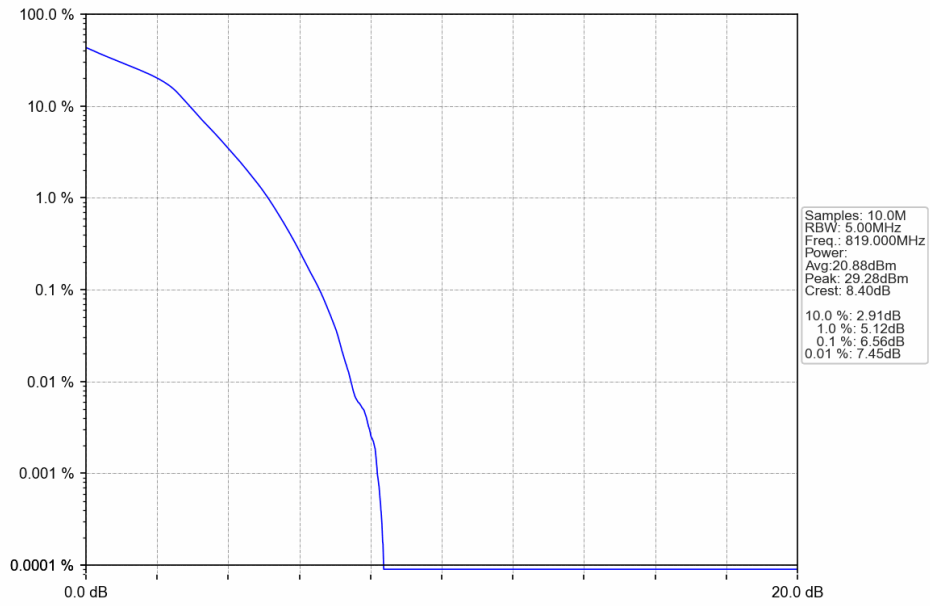
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



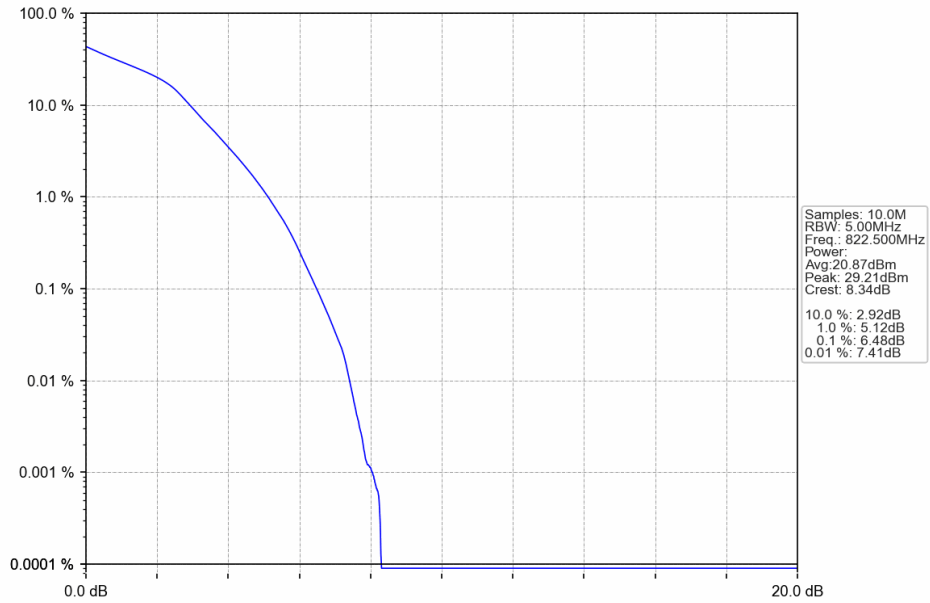
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV

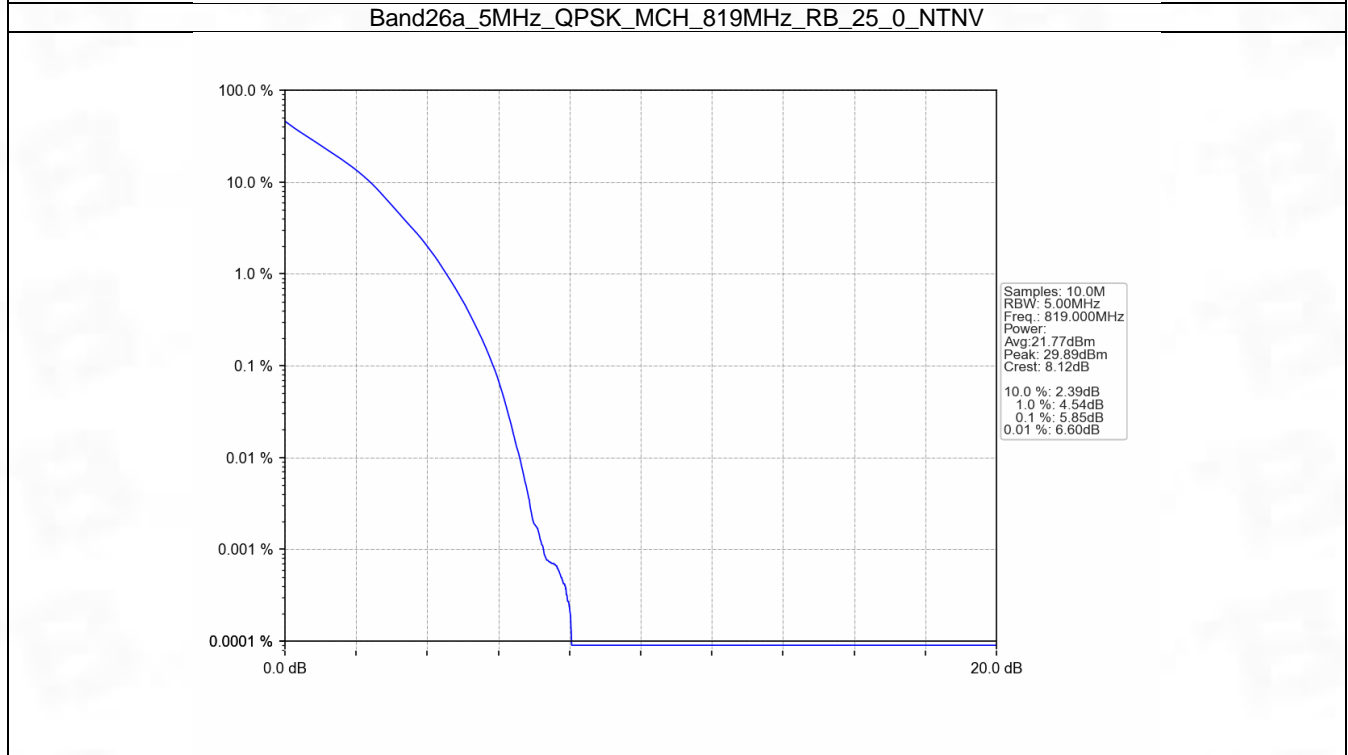
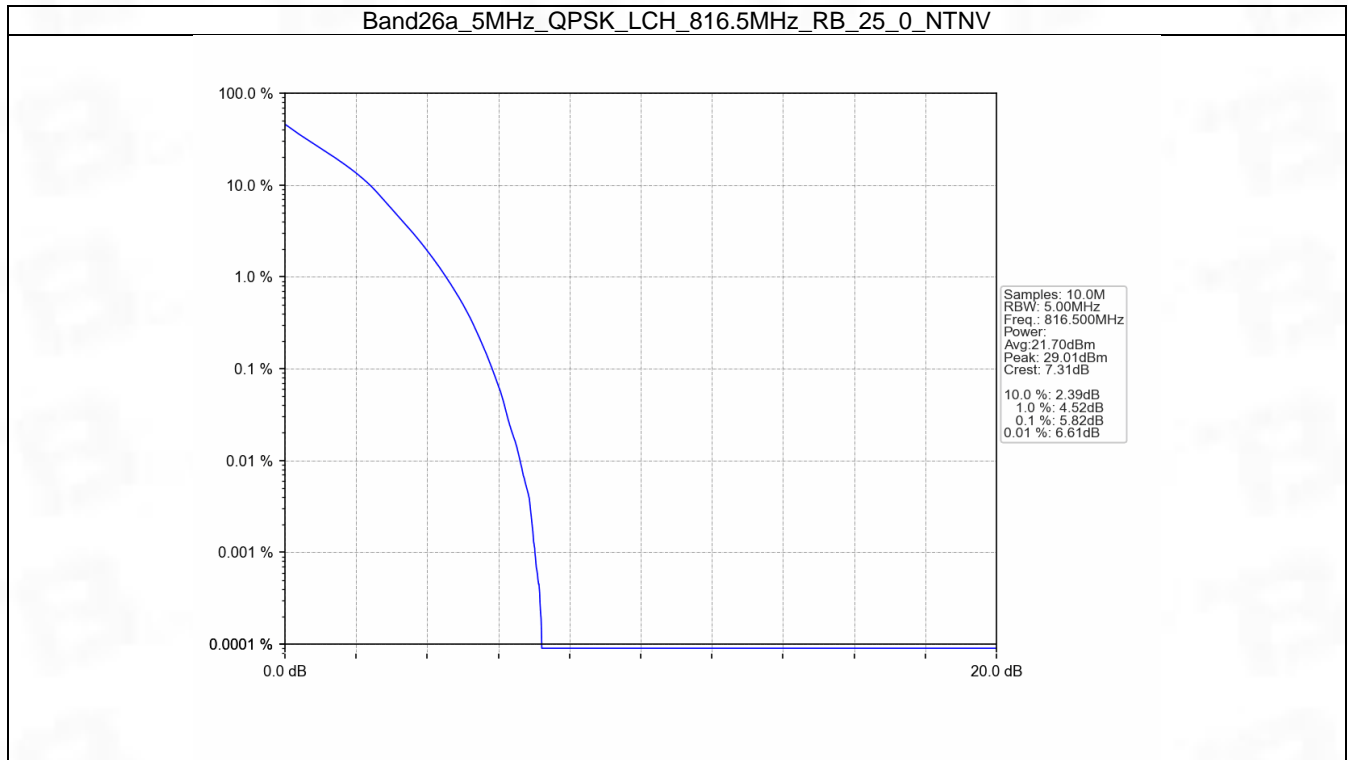


5.3 B26a_5MHz

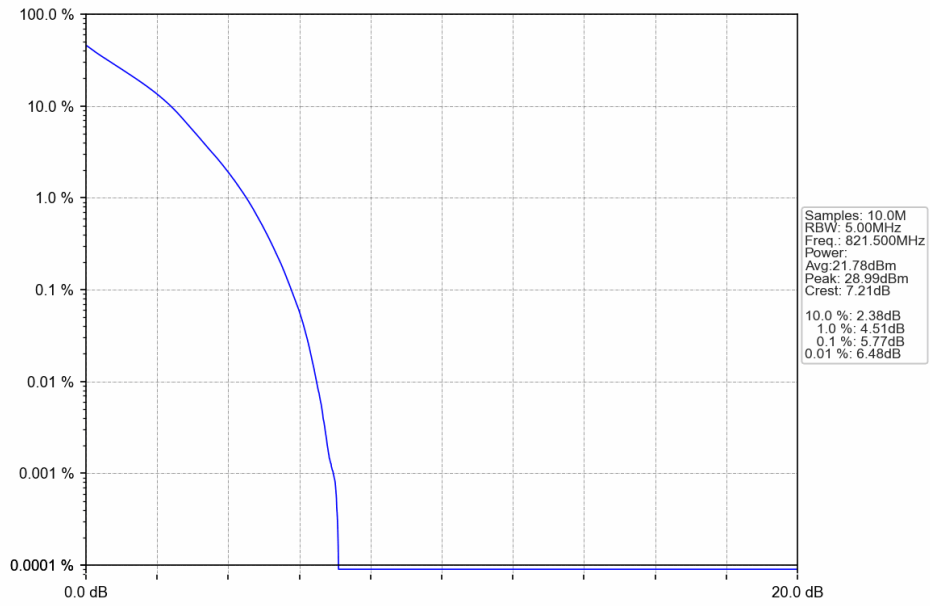
5.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.82	<=13	Pass
	819	25	0	5.85	<=13	Pass
	821.5	25	0	5.77	<=13	Pass
16QAM	816.5	25	0	6.49	<=13	Pass
	819	25	0	6.48	<=13	Pass
	821.5	25	0	6.48	<=13	Pass

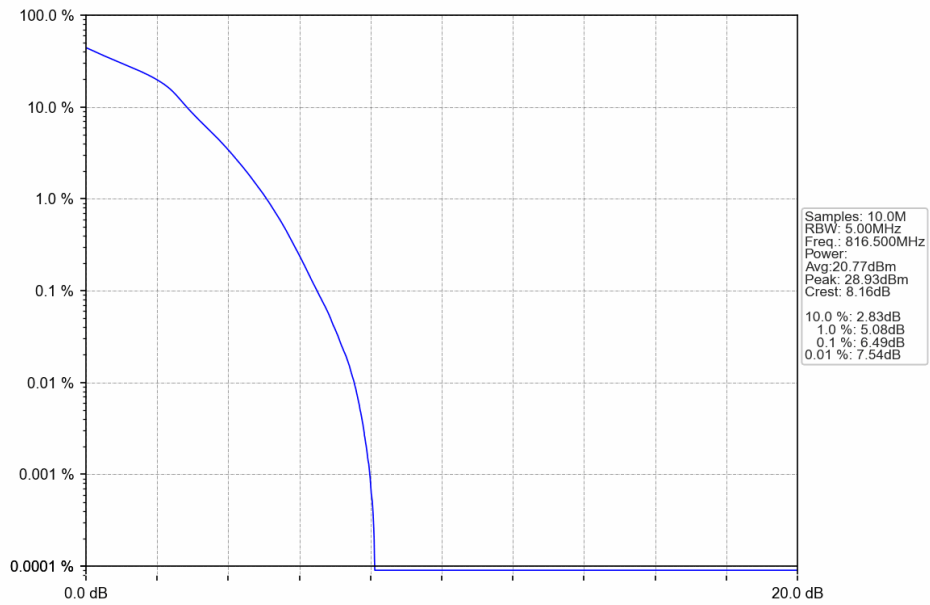
5.3.2 Test Graph



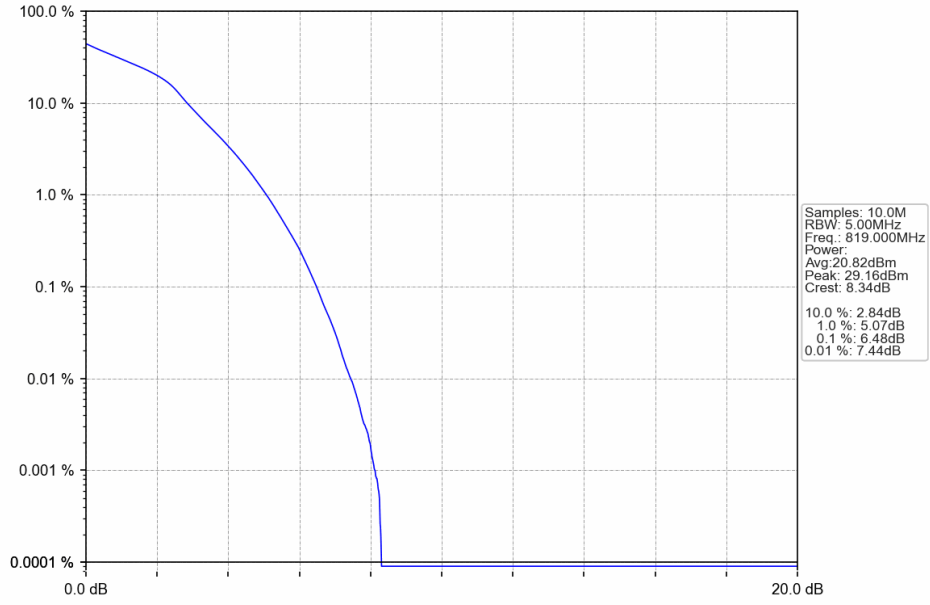
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



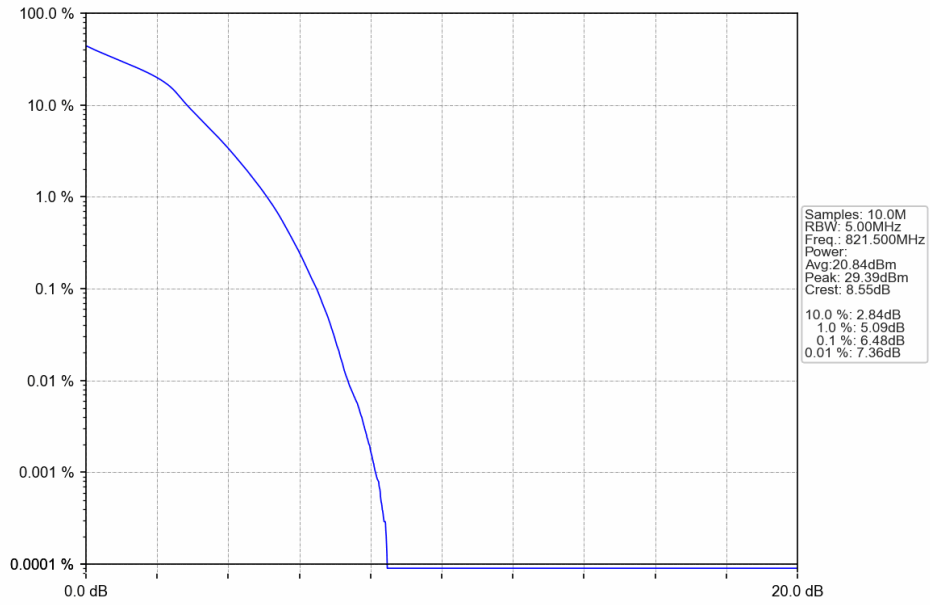
Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV

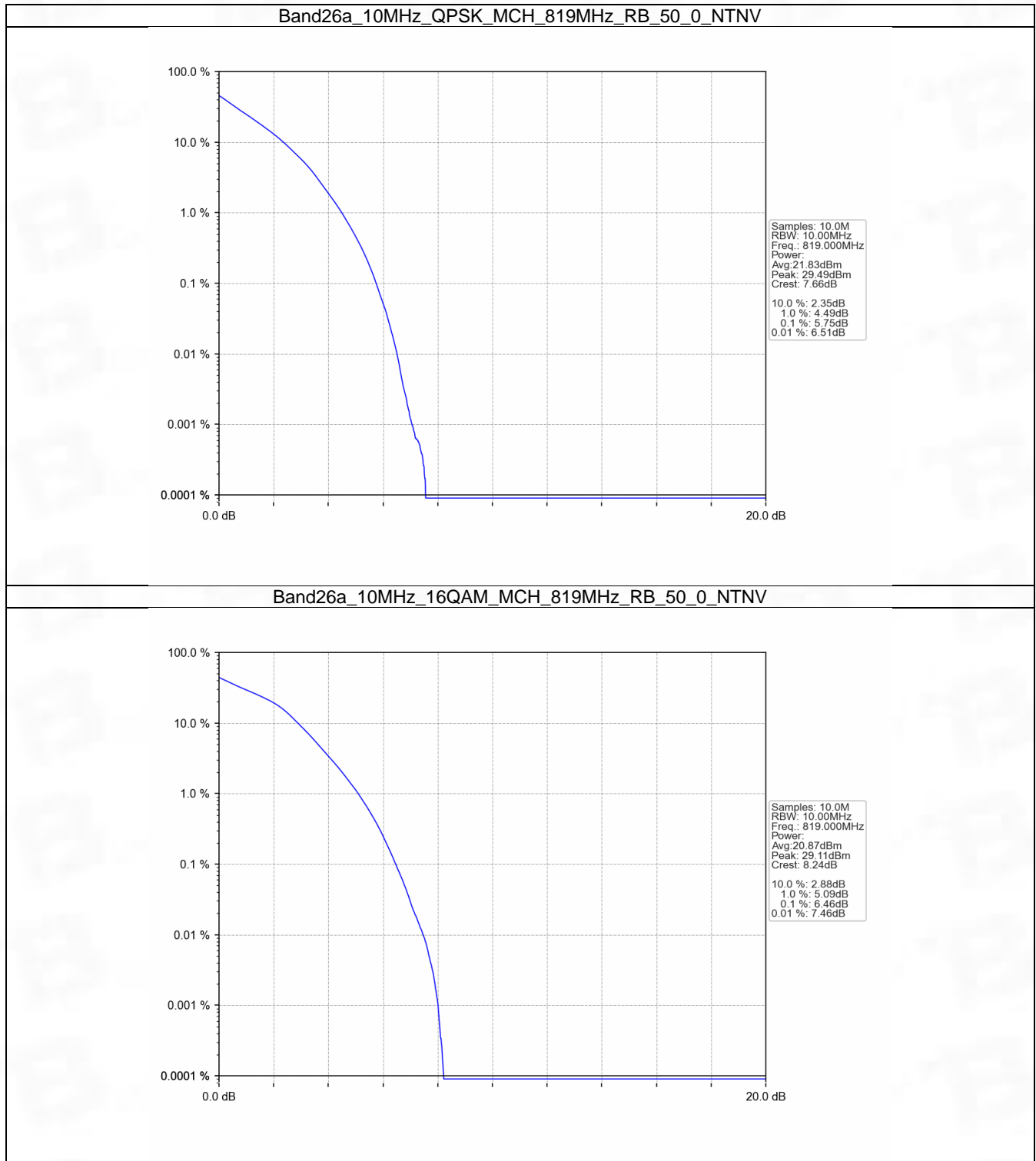


5.4 B26a_10MHz

5.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.75	<=13	Pass
16QAM	819	50	0	6.46	<=13	Pass

5.4.2 Test Graph



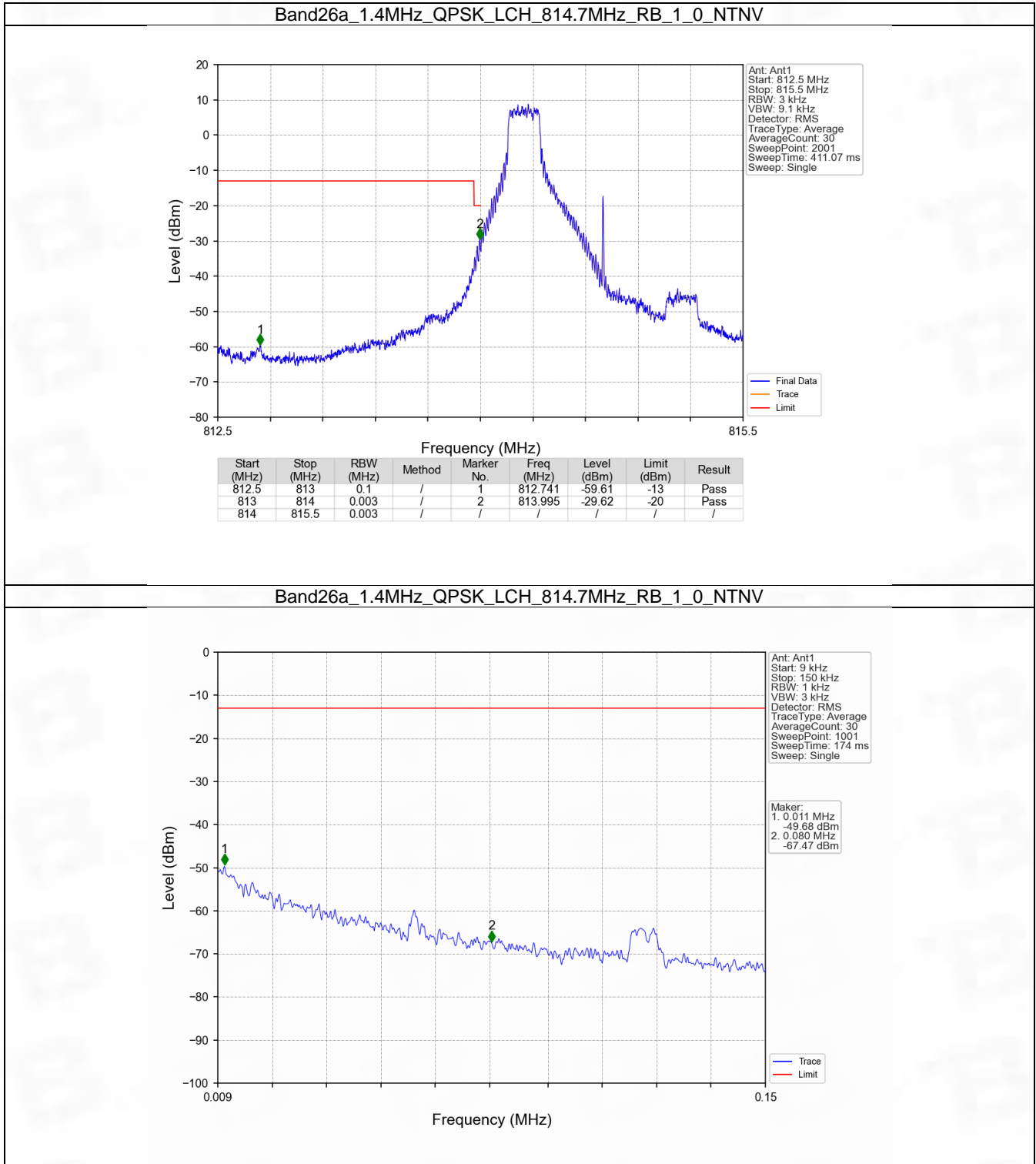
6. Spurious Emission

6.1 B26a_1.4MHz

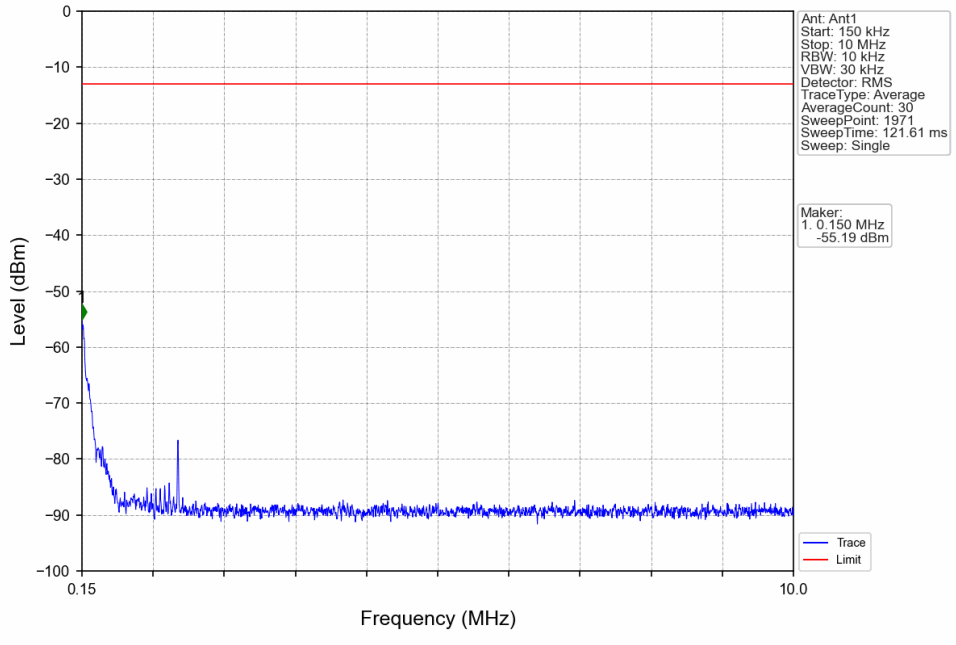
6.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTN						
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
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

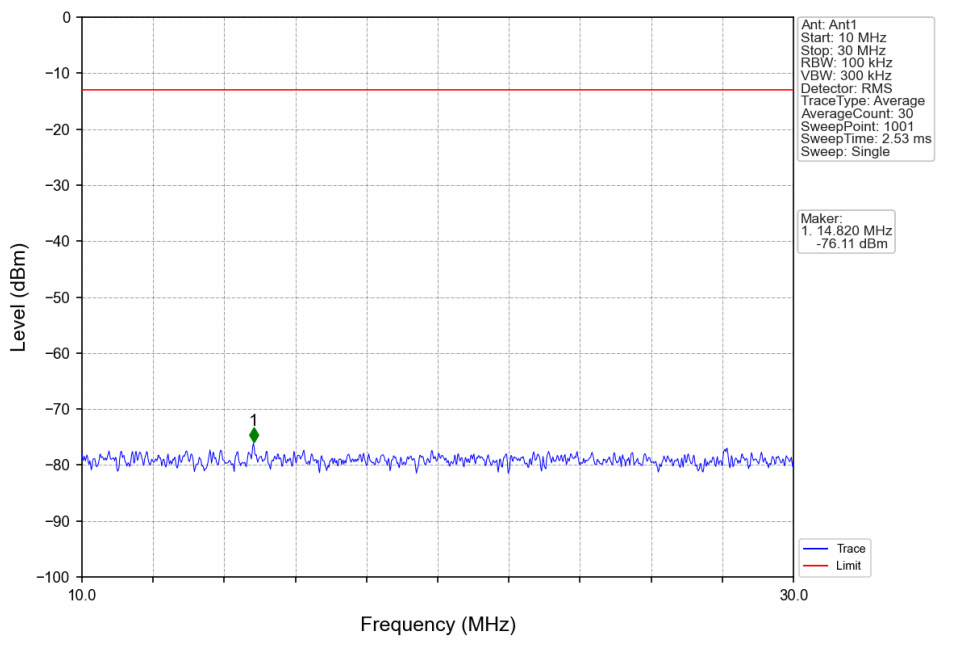
6.1.2 Test Graph



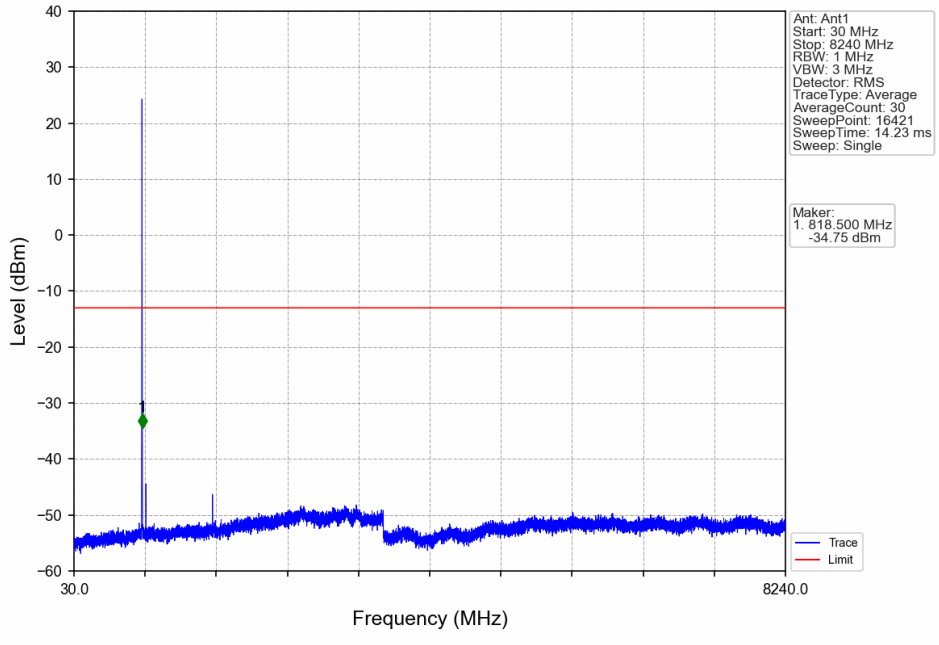
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV



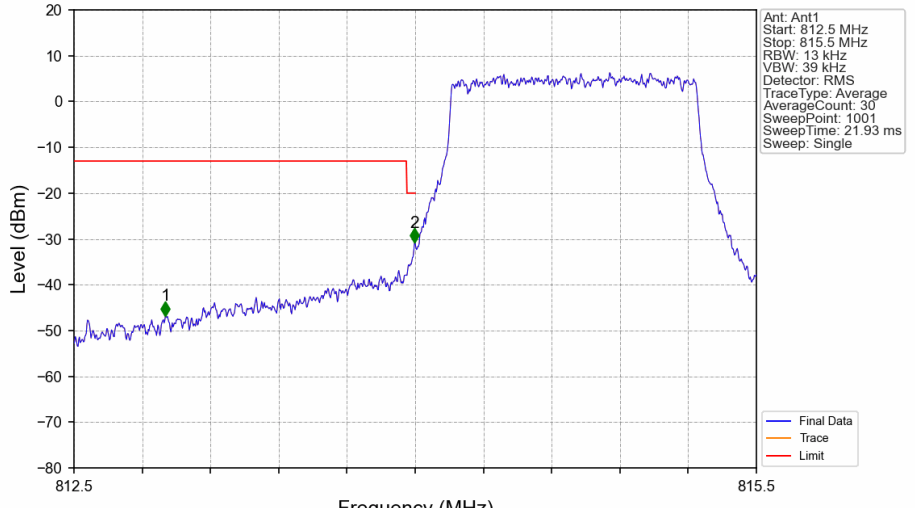
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_1_0_NTNV

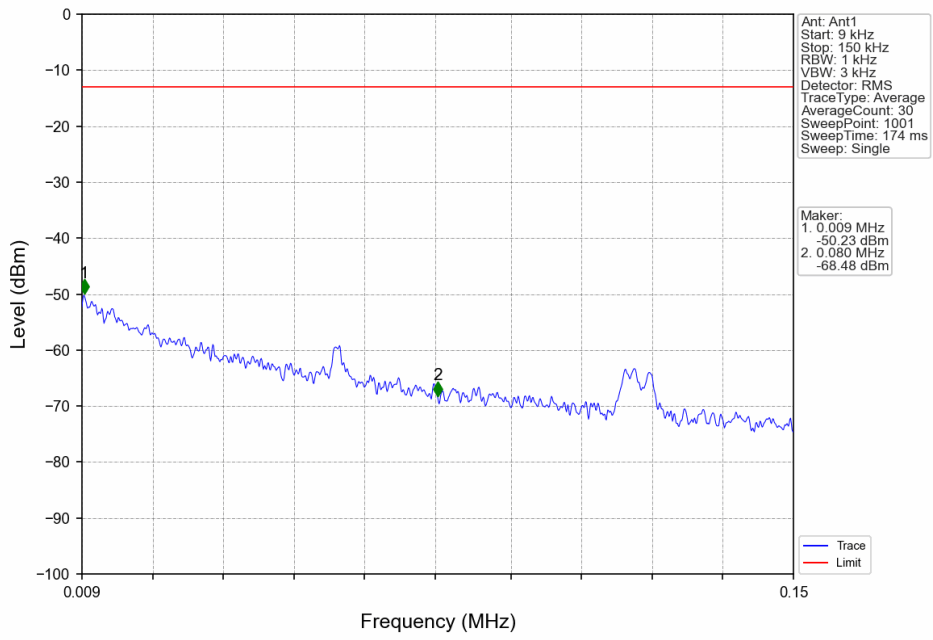


Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV

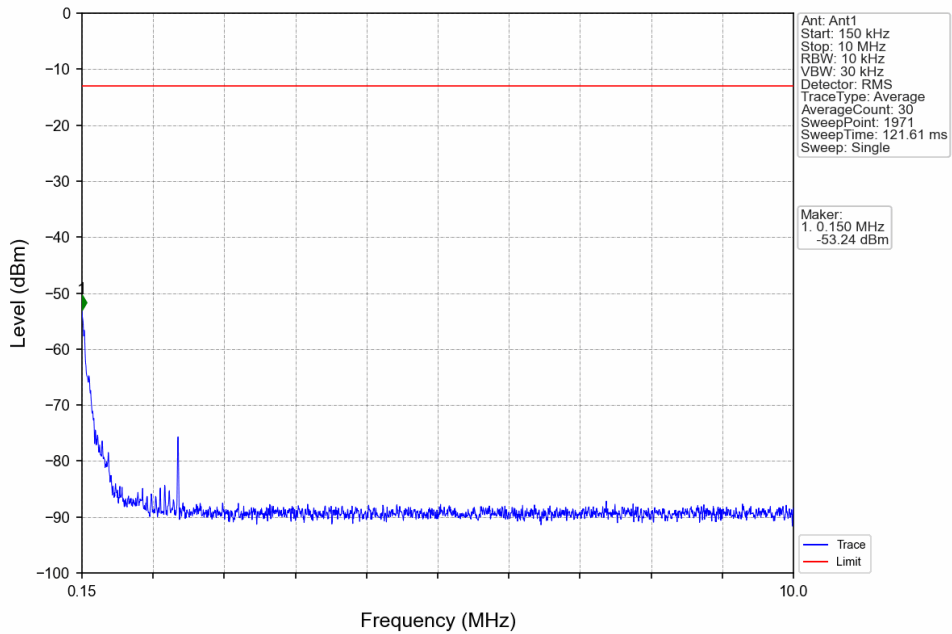


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	/	1	812.902	-46.77	-13	Pass
813	814	0.013	/	2	813.997	-30.83	-20	Pass
814	815.5	0.013	/	/	/	/	/	/

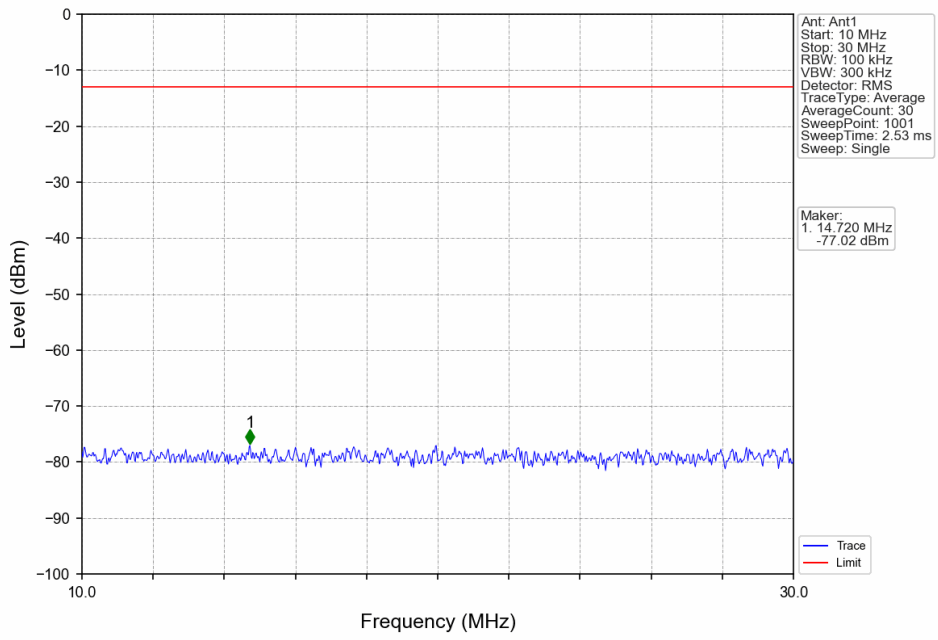
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



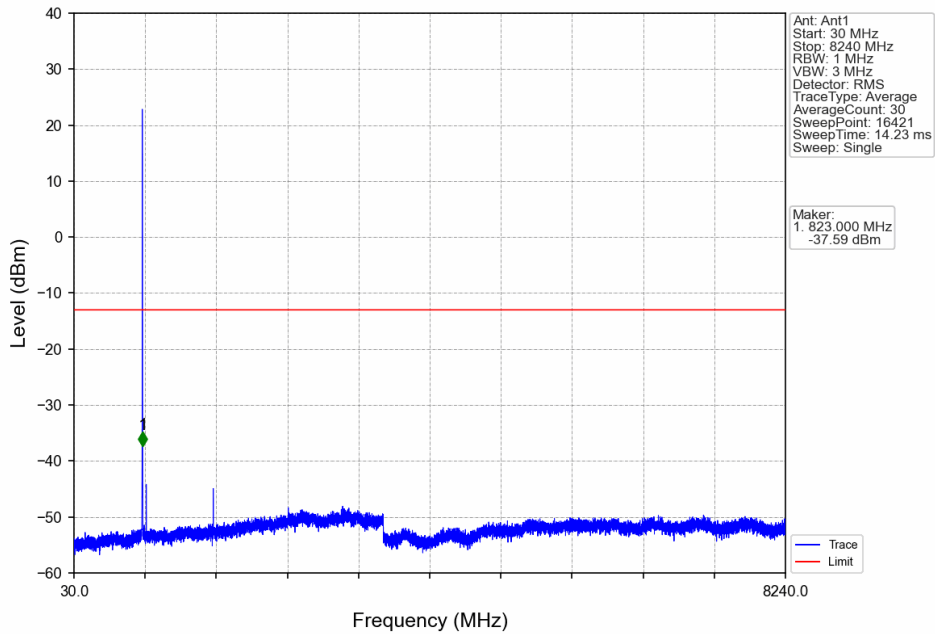
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



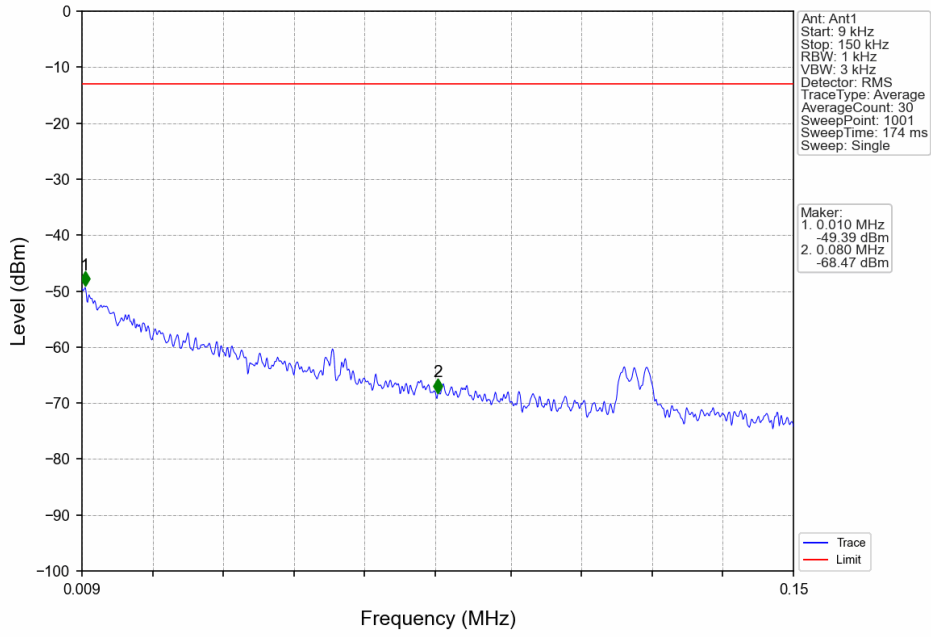
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



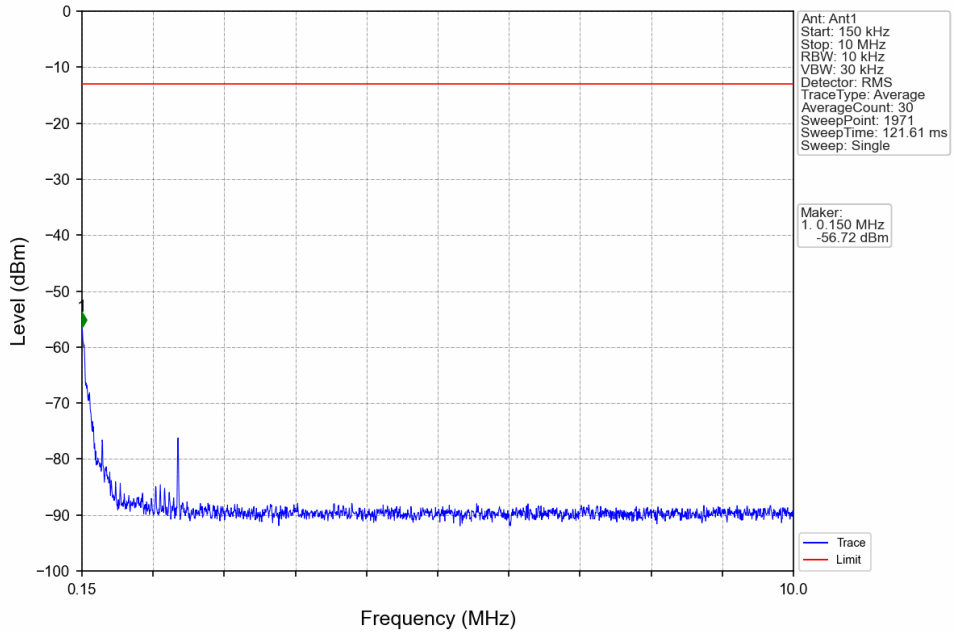
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



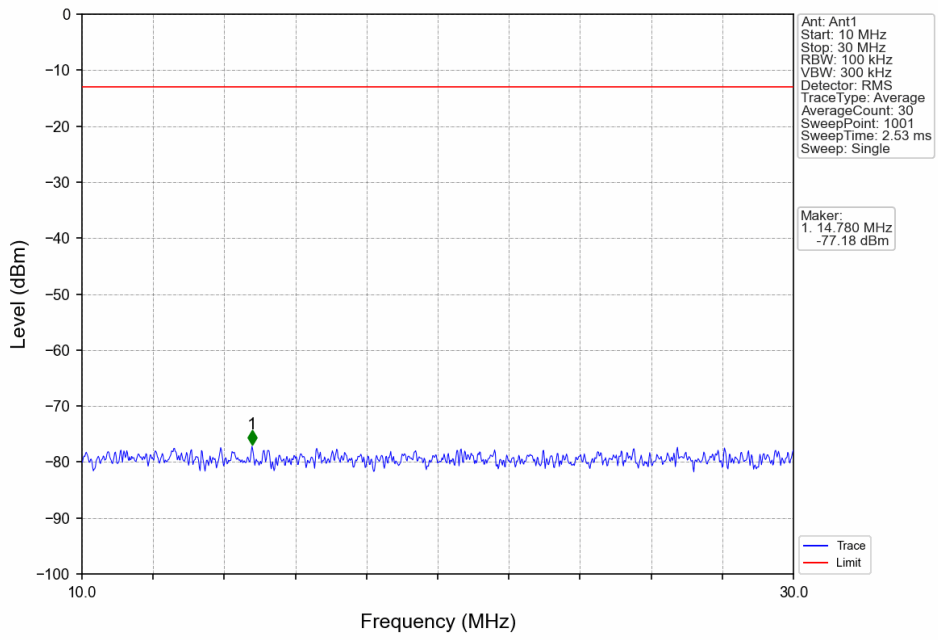
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV



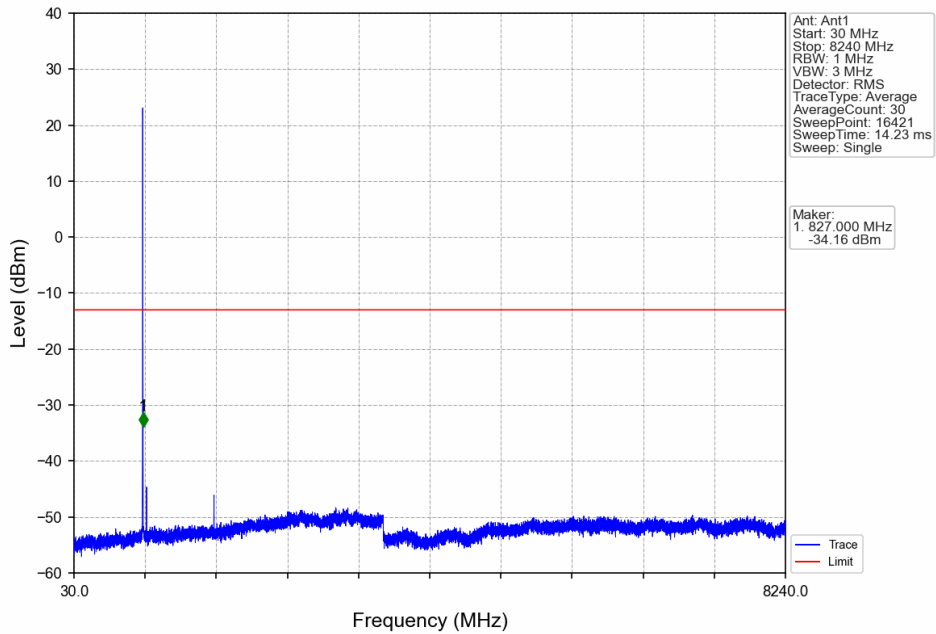
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV



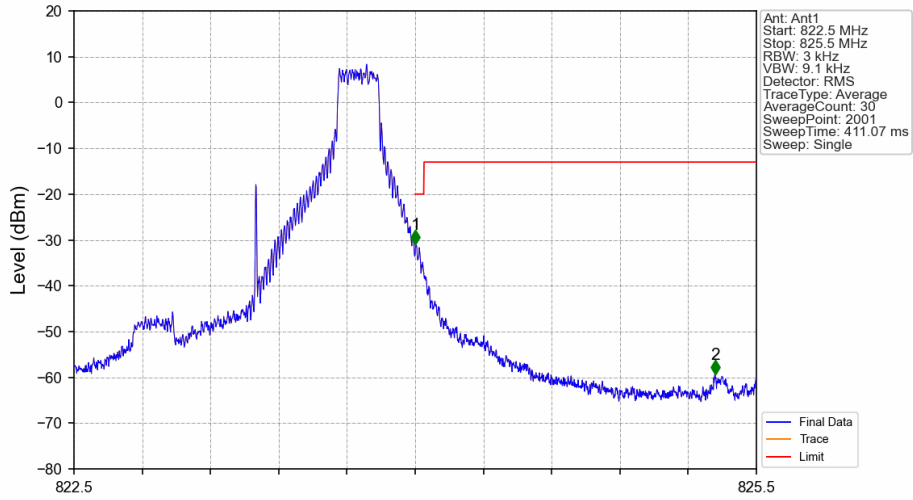
Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV



Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_0_NTNV

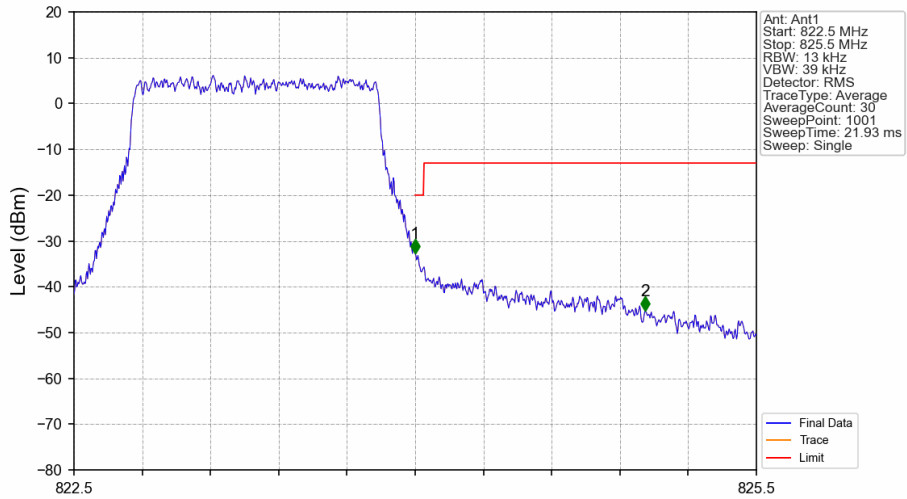


Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_1_5_NTNV



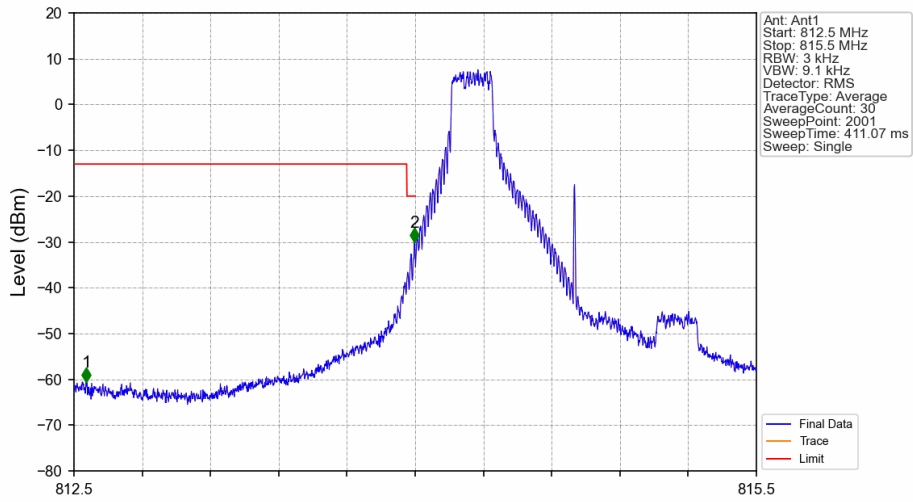
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.001	-30.94	-20	Pass
825	825.5	0.1	/	2	825.318	-59.31	-13	Pass

Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



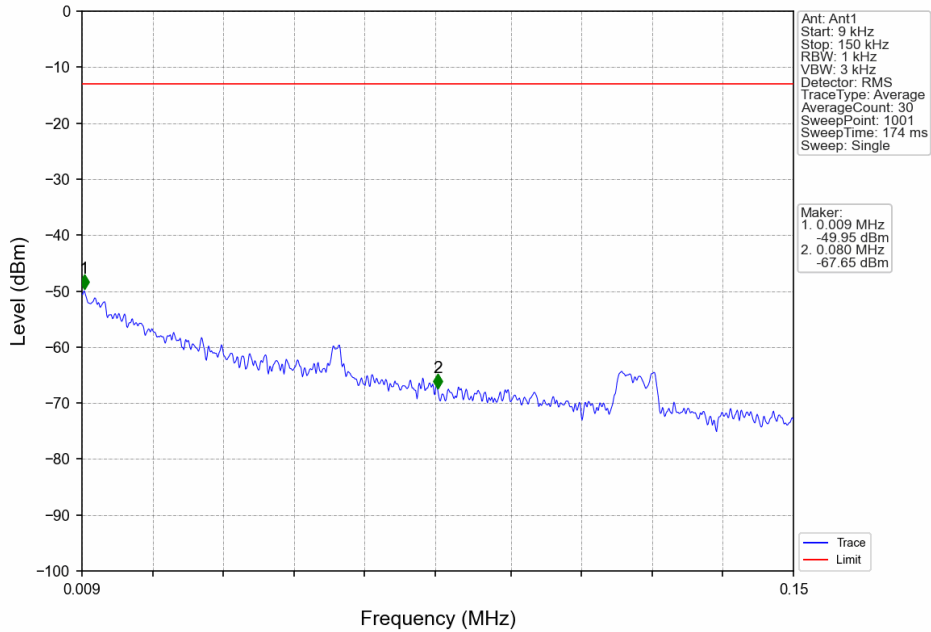
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.000	-32.74	-20	Pass
825	825.5	0.1	/	2	825.011	-45.24	-13	Pass

Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

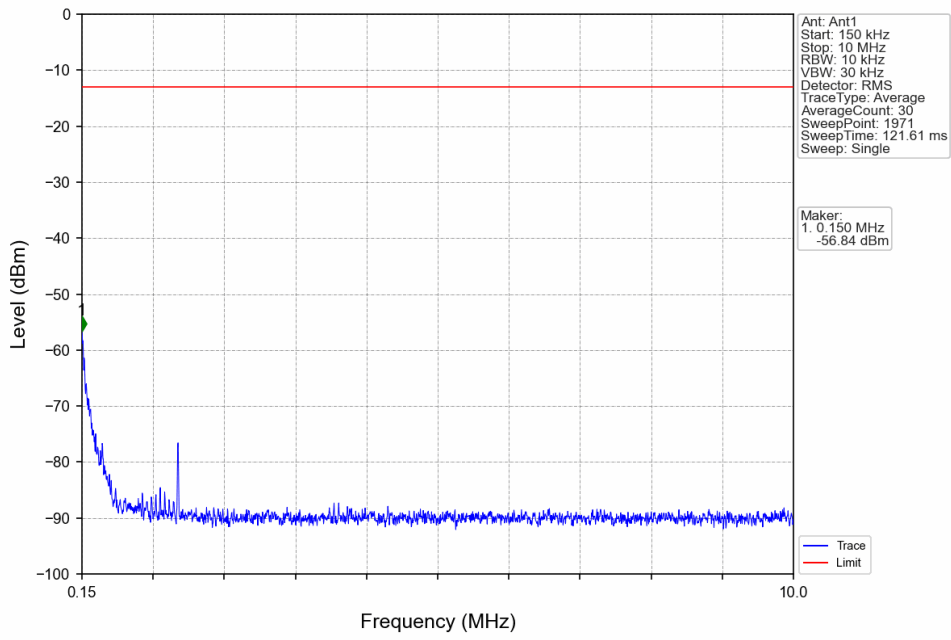


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	/	1	812.554	-60.56	-13	Pass
813	814	0.003	/	2	813.997	-30.05	-20	Pass
814	815.5	0.003	/	/	/	/	/	/

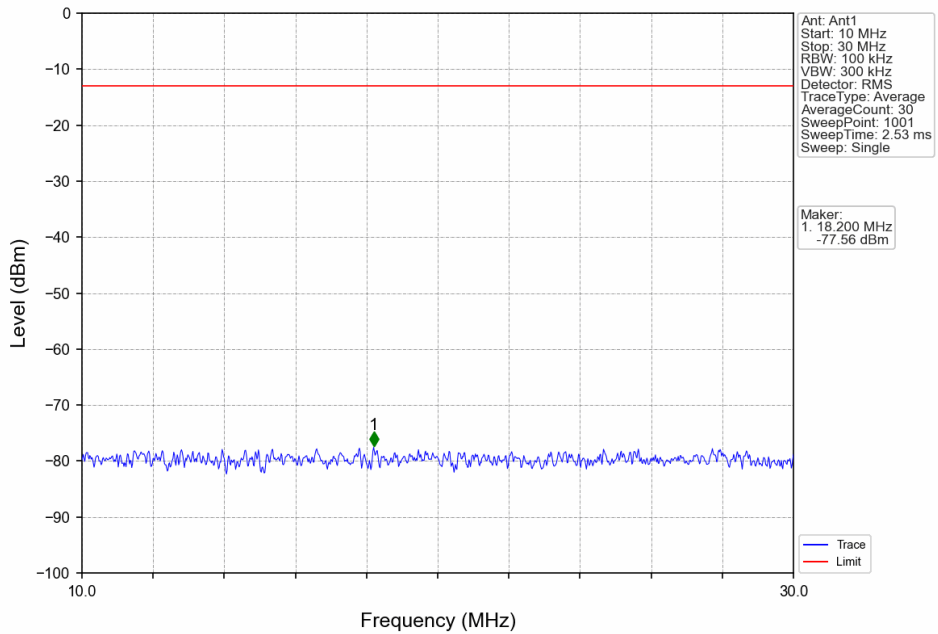
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV



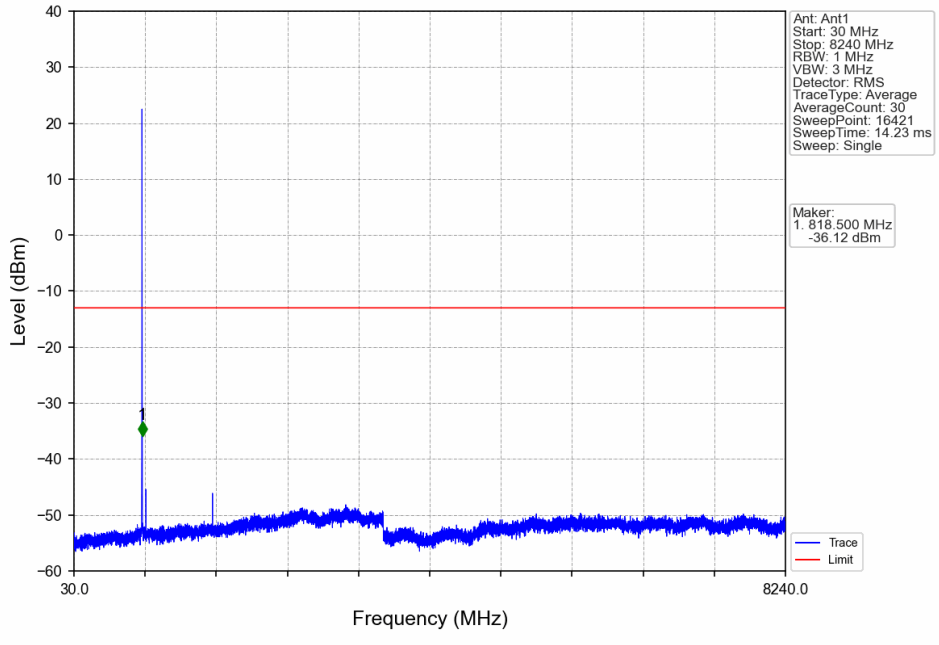
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV



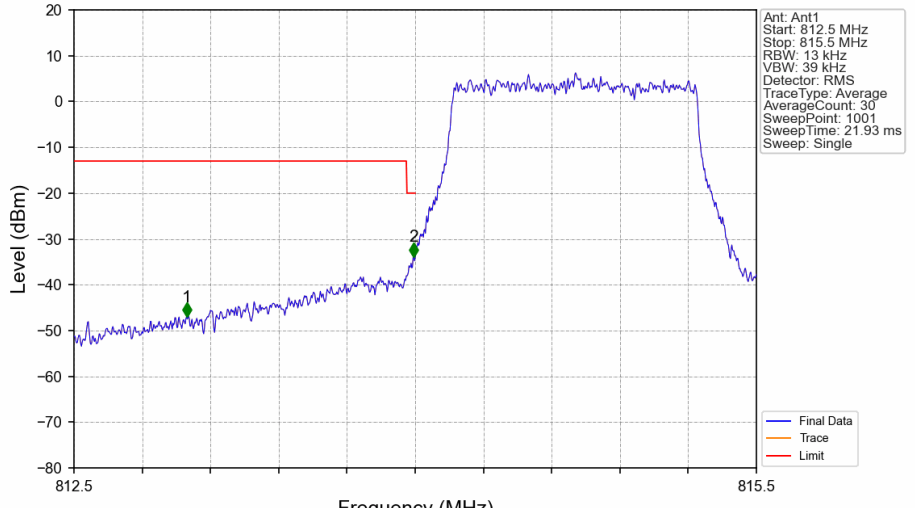
Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_1_0_NTNV

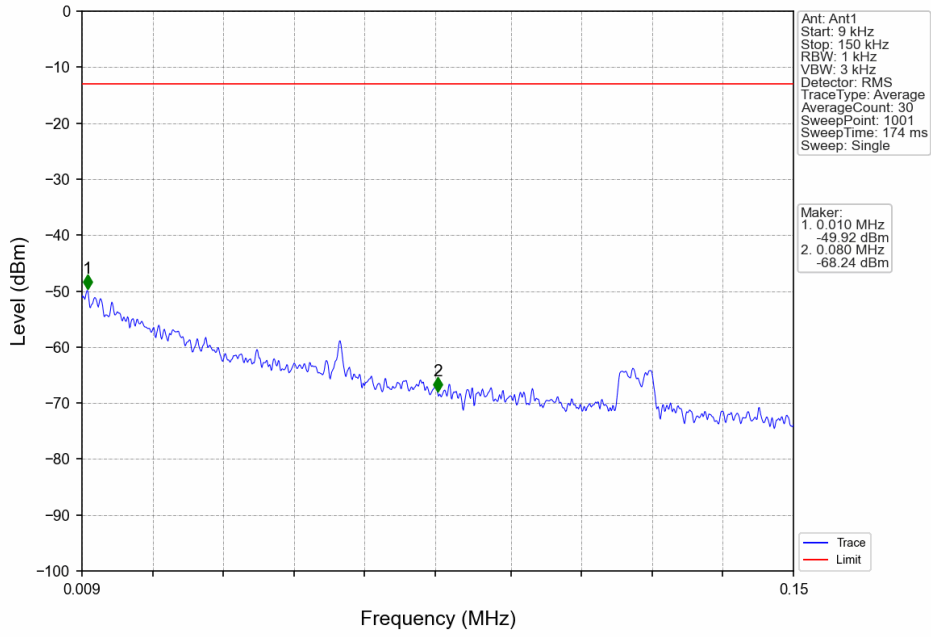


Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

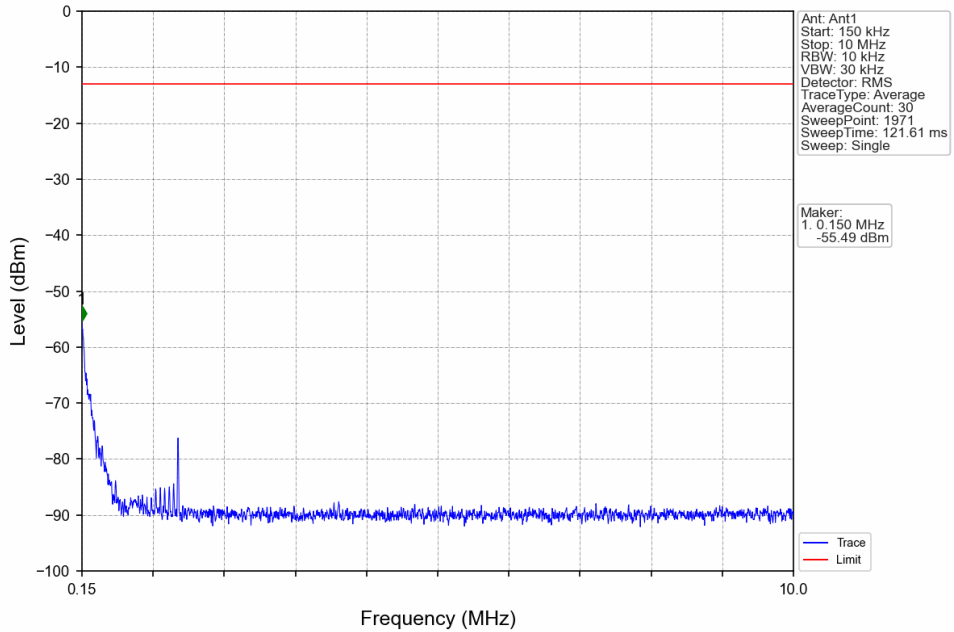


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
812.5	813	0.1	/	1	812.995	-47.00	-13	Pass
813	814	0.013	/	2	813.994	-33.89	-20	Pass
814	815.5	0.013	/	/	/	/	/	/

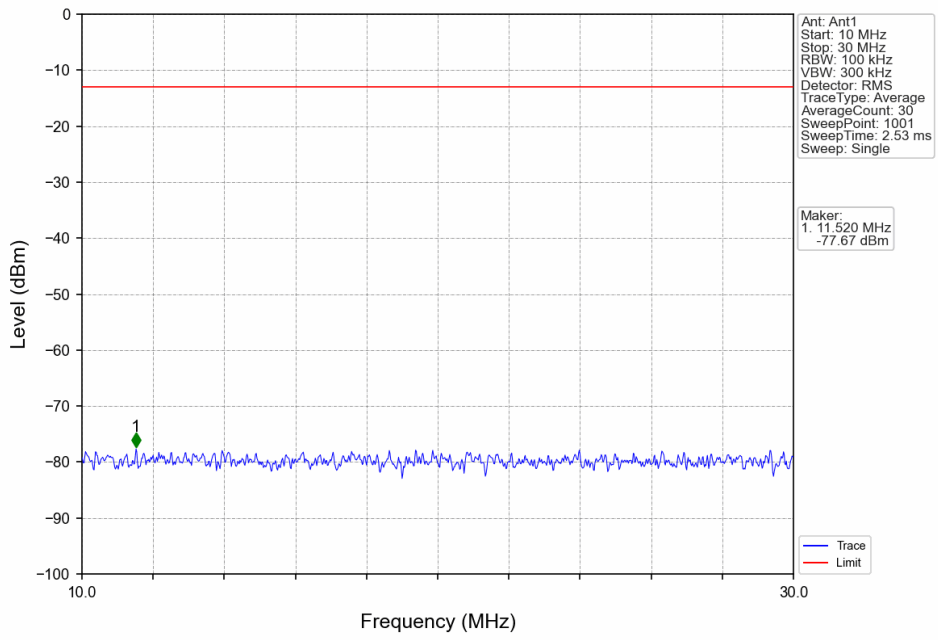
Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV



Band26a_1.4MHz_16QAM_MCH_819MHz_RB_1_0_NTNV

