

1. Effective (Isotropic) Radiated Power Output Data

1.1 B26b_1.4MHz_ERP

1.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	824.7	1	0	23.63	-2.58	18.9	<=38.45	Pass		
			2	23.62	-2.58	18.89	<=38.45	Pass		
			5	23.66	-2.58	18.93	<=38.45	Pass		
		3	0	23.76	-2.58	19.03	<=38.45	Pass		
			2	23.81	-2.58	19.08	<=38.45	Pass		
			3	23.83	-2.58	19.1	<=38.45	Pass		
		6	0	22.80	-2.58	18.07	<=38.45	Pass		
		836.5	1	0	23.50	-2.58	18.77	<=38.45	Pass	
				2	23.49	-2.58	18.76	<=38.45	Pass	
	5			23.56	-2.58	18.83	<=38.45	Pass		
	3		0	23.65	-2.58	18.92	<=38.45	Pass		
			2	23.70	-2.58	18.97	<=38.45	Pass		
			3	23.69	-2.58	18.96	<=38.45	Pass		
	6	0	22.69	-2.58	17.96	<=38.45	Pass			
	848.3	1	0	23.50	-2.58	18.77	<=38.45	Pass		
			2	23.44	-2.58	18.71	<=38.45	Pass		
			5	23.44	-2.58	18.71	<=38.45	Pass		
		3	0	23.64	-2.58	18.91	<=38.45	Pass		
			2	23.61	-2.58	18.88	<=38.45	Pass		
			3	23.61	-2.58	18.88	<=38.45	Pass		
		6	0	22.65	-2.58	17.92	<=38.45	Pass		
		16QAM	824.7	1	0	22.85	-2.58	18.12	<=38.45	Pass
					2	22.80	-2.58	18.07	<=38.45	Pass
	5				22.97	-2.58	18.24	<=38.45	Pass	
3	0			22.75	-2.58	18.02	<=38.45	Pass		
	2			22.68	-2.58	17.95	<=38.45	Pass		
	3			22.97	-2.58	18.24	<=38.45	Pass		
6	0			21.69	-2.58	16.96	<=38.45	Pass		
836.5	1			0	22.71	-2.58	17.98	<=38.45	Pass	
				2	22.66	-2.58	17.93	<=38.45	Pass	
			5	22.81	-2.58	18.08	<=38.45	Pass		
	3		0	22.80	-2.58	18.07	<=38.45	Pass		
			2	22.64	-2.58	17.91	<=38.45	Pass		
			3	22.57	-2.58	17.84	<=38.45	Pass		
6	0		21.63	-2.58	16.9	<=38.45	Pass			
848.3	1		0	22.78	-2.58	18.05	<=38.45	Pass		
			2	22.60	-2.58	17.87	<=38.45	Pass		
			5	22.64	-2.58	17.91	<=38.45	Pass		
	3		0	22.52	-2.58	17.79	<=38.45	Pass		
			2	22.77	-2.58	18.04	<=38.45	Pass		
			3	22.61	-2.58	17.88	<=38.45	Pass		
	6		0	21.65	-2.58	16.92	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.2 B26b_3MHz_ERP

1.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	24.15	-2.58	19.42	<=38.45	Pass		
			7	24.18	-2.58	19.45	<=38.45	Pass		
			14	24.04	-2.58	19.31	<=38.45	Pass		
		8	0	23.07	-2.58	18.34	<=38.45	Pass		
			4	23.01	-2.58	18.28	<=38.45	Pass		
			7	22.96	-2.58	18.23	<=38.45	Pass		
		15	0	23.01	-2.58	18.28	<=38.45	Pass		
		836.5	1	0	23.88	-2.58	19.15	<=38.45	Pass	
				7	23.85	-2.58	19.12	<=38.45	Pass	
	14			23.86	-2.58	19.13	<=38.45	Pass		
	8		0	22.90	-2.58	18.17	<=38.45	Pass		
			4	22.89	-2.58	18.16	<=38.45	Pass		
			7	22.88	-2.58	18.15	<=38.45	Pass		
	15		0	22.95	-2.58	18.22	<=38.45	Pass		
	847.5		1	0	23.87	-2.58	19.14	<=38.45	Pass	
				7	24.02	-2.58	19.29	<=38.45	Pass	
		14		23.93	-2.58	19.2	<=38.45	Pass		
		8	0	22.90	-2.58	18.17	<=38.45	Pass		
			4	22.95	-2.58	18.22	<=38.45	Pass		
			7	22.83	-2.58	18.1	<=38.45	Pass		
		15	0	22.92	-2.58	18.19	<=38.45	Pass		
		16QAM	825.5	1	0	23.31	-2.58	18.58	<=38.45	Pass
					7	23.41	-2.58	18.68	<=38.45	Pass
	14				23.02	-2.58	18.29	<=38.45	Pass	
8	0			22.06	-2.58	17.33	<=38.45	Pass		
	4			22.04	-2.58	17.31	<=38.45	Pass		
	7			22.05	-2.58	17.32	<=38.45	Pass		
15	0			22.03	-2.58	17.3	<=38.45	Pass		
836.5	1			0	22.97	-2.58	18.24	<=38.45	Pass	
				7	23.23	-2.58	18.5	<=38.45	Pass	
			14	22.93	-2.58	18.2	<=38.45	Pass		
	8		0	21.91	-2.58	17.18	<=38.45	Pass		
			4	21.92	-2.58	17.19	<=38.45	Pass		
			7	21.93	-2.58	17.2	<=38.45	Pass		
	15		0	21.97	-2.58	17.24	<=38.45	Pass		
	847.5		1	0	22.88	-2.58	18.15	<=38.45	Pass	
				7	23.22	-2.58	18.49	<=38.45	Pass	
14				22.93	-2.58	18.2	<=38.45	Pass		
8			0	21.93	-2.58	17.2	<=38.45	Pass		
			4	21.92	-2.58	17.19	<=38.45	Pass		
			7	21.89	-2.58	17.16	<=38.45	Pass		
15			0	21.85	-2.58	17.12	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.3 B26b_5MHz_ERP

1.3.1 Test Result

Band: 26b / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	24.28	-2.58	19.55	<=38.45	Pass		
			13	24.13	-2.58	19.4	<=38.45	Pass		
			24	24.06	-2.58	19.33	<=38.45	Pass		
		12	0	23.15	-2.58	18.42	<=38.45	Pass		
			6	23.03	-2.58	18.3	<=38.45	Pass		
			13	23.03	-2.58	18.3	<=38.45	Pass		
		25	0	23.10	-2.58	18.37	<=38.45	Pass		
		836.5	1	0	24.01	-2.58	19.28	<=38.45	Pass	
				13	24.16	-2.58	19.43	<=38.45	Pass	
	24			24.08	-2.58	19.35	<=38.45	Pass		
	12		0	22.98	-2.58	18.25	<=38.45	Pass		
			6	22.99	-2.58	18.26	<=38.45	Pass		
			13	22.93	-2.58	18.2	<=38.45	Pass		
	25	0	22.98	-2.58	18.25	<=38.45	Pass			
	846.5	1	0	24.06	-2.58	19.33	<=38.45	Pass		
			13	23.93	-2.58	19.2	<=38.45	Pass		
			24	24.11	-2.58	19.38	<=38.45	Pass		
		12	0	22.97	-2.58	18.24	<=38.45	Pass		
			6	22.92	-2.58	18.19	<=38.45	Pass		
			13	22.90	-2.58	18.17	<=38.45	Pass		
		25	0	22.96	-2.58	18.23	<=38.45	Pass		
		16QAM	826.5	1	0	23.18	-2.58	18.45	<=38.45	Pass
					13	23.21	-2.58	18.48	<=38.45	Pass
	24				23.26	-2.58	18.53	<=38.45	Pass	
12	0			22.10	-2.58	17.37	<=38.45	Pass		
	6			22.08	-2.58	17.35	<=38.45	Pass		
	13			22.02	-2.58	17.29	<=38.45	Pass		
25	0			22.14	-2.58	17.41	<=38.45	Pass		
836.5	1			0	23.15	-2.58	18.42	<=38.45	Pass	
				13	23.04	-2.58	18.31	<=38.45	Pass	
			24	23.12	-2.58	18.39	<=38.45	Pass		
	12		0	21.95	-2.58	17.22	<=38.45	Pass		
			6	21.94	-2.58	17.21	<=38.45	Pass		
			13	21.96	-2.58	17.23	<=38.45	Pass		
25	0		21.96	-2.58	17.23	<=38.45	Pass			
846.5	1		0	23.17	-2.58	18.44	<=38.45	Pass		
			13	23.06	-2.58	18.33	<=38.45	Pass		
			24	23.05	-2.58	18.32	<=38.45	Pass		
	12		0	21.99	-2.58	17.26	<=38.45	Pass		
			6	21.88	-2.58	17.15	<=38.45	Pass		
			13	21.80	-2.58	17.07	<=38.45	Pass		
	25		0	21.94	-2.58	17.21	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.4 B26b_10MHz_ERP

1.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	829	1	0	23.98	-2.58	19.25	<=38.45	Pass		
			25	23.90	-2.58	19.17	<=38.45	Pass		
			49	23.80	-2.58	19.07	<=38.45	Pass		
		25	0	22.83	-2.58	18.1	<=38.45	Pass		
			13	22.82	-2.58	18.09	<=38.45	Pass		
			25	22.81	-2.58	18.08	<=38.45	Pass		
		50	0	22.82	-2.58	18.09	<=38.45	Pass		
		836.5	1	0	23.71	-2.58	18.98	<=38.45	Pass	
				25	23.63	-2.58	18.9	<=38.45	Pass	
	49			23.73	-2.58	19	<=38.45	Pass		
	25		0	22.74	-2.58	18.01	<=38.45	Pass		
			13	22.71	-2.58	17.98	<=38.45	Pass		
			25	22.64	-2.58	17.91	<=38.45	Pass		
	50		0	22.70	-2.58	17.97	<=38.45	Pass		
	844		1	0	23.60	-2.58	18.87	<=38.45	Pass	
				25	23.63	-2.58	18.9	<=38.45	Pass	
		49		23.61	-2.58	18.88	<=38.45	Pass		
		25	0	22.73	-2.58	18	<=38.45	Pass		
			13	22.66	-2.58	17.93	<=38.45	Pass		
			25	22.58	-2.58	17.85	<=38.45	Pass		
		50	0	22.66	-2.58	17.93	<=38.45	Pass		
		16QAM	829	1	0	23.35	-2.58	18.62	<=38.45	Pass
					25	23.38	-2.58	18.65	<=38.45	Pass
	49				23.19	-2.58	18.46	<=38.45	Pass	
25	0			21.89	-2.58	17.16	<=38.45	Pass		
	13			21.88	-2.58	17.15	<=38.45	Pass		
	25			21.89	-2.58	17.16	<=38.45	Pass		
50	0			21.83	-2.58	17.1	<=38.45	Pass		
836.5	1			0	22.91	-2.58	18.18	<=38.45	Pass	
				25	23.14	-2.58	18.41	<=38.45	Pass	
			49	22.68	-2.58	17.95	<=38.45	Pass		
	25		0	21.79	-2.58	17.06	<=38.45	Pass		
			13	21.77	-2.58	17.04	<=38.45	Pass		
			25	21.73	-2.58	17	<=38.45	Pass		
	50		0	21.69	-2.58	16.96	<=38.45	Pass		
	844		1	0	22.66	-2.58	17.93	<=38.45	Pass	
				25	22.69	-2.58	17.96	<=38.45	Pass	
49				22.69	-2.58	17.96	<=38.45	Pass		
25			0	21.82	-2.58	17.09	<=38.45	Pass		
			13	21.75	-2.58	17.02	<=38.45	Pass		
			25	21.69	-2.58	16.96	<=38.45	Pass		
50			0	21.67	-2.58	16.94	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B26b_1.4MHz

2.1.1 Test Result

Band: 26b / 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	824.7	6	0	20	3.23	-0.672	-0.0008	-2.5 to 2.5	Pass
					3.8	-1.516	-0.0018	-2.5 to 2.5	Pass
					4.37	2.403	0.0029	-2.5 to 2.5	Pass
				-30	3.8	-3.448	-0.0042	-2.5 to 2.5	Pass
				-20	3.8	3.719	0.0045	-2.5 to 2.5	Pass
				-10	3.8	1.073	0.0013	-2.5 to 2.5	Pass
				0	3.8	-3.018	-0.0037	-2.5 to 2.5	Pass
				10	3.8	1.373	0.0017	-2.5 to 2.5	Pass
				30	3.8	-2.789	-0.0034	-2.5 to 2.5	Pass
	40	3.8	-0.572	-0.0007	-2.5 to 2.5	Pass			
	50	3.8	-2.933	-0.0036	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.23	-1.030	-0.0012	-2.5 to 2.5	Pass
					3.8	-2.632	-0.0031	-2.5 to 2.5	Pass
					4.37	-1.416	-0.0017	-2.5 to 2.5	Pass
				-30	3.8	-2.160	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	-0.529	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-1.101	-0.0013	-2.5 to 2.5	Pass
				0	3.8	-1.745	-0.0021	-2.5 to 2.5	Pass
				10	3.8	-4.892	-0.0058	-2.5 to 2.5	Pass
				30	3.8	-2.346	-0.0028	-2.5 to 2.5	Pass
	40	3.8	-3.347	-0.0040	-2.5 to 2.5	Pass			
	50	3.8	-6.251	-0.0075	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.23	-0.329	-0.0004	-2.5 to 2.5	Pass
					3.8	-0.858	-0.0010	-2.5 to 2.5	Pass
					4.37	-0.801	-0.0009	-2.5 to 2.5	Pass
				-30	3.8	-1.402	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	-3.791	-0.0045	-2.5 to 2.5	Pass
-10				3.8	-3.562	-0.0042	-2.5 to 2.5	Pass	
0				3.8	-10.314	-0.0122	-2.5 to 2.5	Pass	
10				3.8	-1.631	-0.0019	-2.5 to 2.5	Pass	
30				3.8	1.130	0.0013	-2.5 to 2.5	Pass	
40	3.8	-2.060	-0.0024	-2.5 to 2.5	Pass				
50	3.8	-1.502	-0.0018	-2.5 to 2.5	Pass				
16QAM	824.7	6	0	20	3.23	0.143	0.0002	-2.5 to 2.5	Pass
					3.8	-1.731	-0.0021	-2.5 to 2.5	Pass
					4.37	0.129	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	3.505	0.0043	-2.5 to 2.5	Pass
				-10	3.8	-2.618	-0.0032	-2.5 to 2.5	Pass
				0	3.8	-1.802	-0.0022	-2.5 to 2.5	Pass
				10	3.8	0.830	0.0010	-2.5 to 2.5	Pass
				30	3.8	0.215	0.0003	-2.5 to 2.5	Pass
	40	3.8	-3.176	-0.0039	-2.5 to 2.5	Pass			
	50	3.8	-0.772	-0.0009	-2.5 to 2.5	Pass			
	836.5	6	0	20	3.23	-2.575	-0.0031	-2.5 to 2.5	Pass
					3.8	0.343	0.0004	-2.5 to 2.5	Pass
					4.37	2.489	0.0030	-2.5 to 2.5	Pass

				-30	3.8	-2.146	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	-2.475	-0.0030	-2.5 to 2.5	Pass
				-10	3.8	-0.930	-0.0011	-2.5 to 2.5	Pass
				0	3.8	0.172	0.0002	-2.5 to 2.5	Pass
				10	3.8	-2.718	-0.0032	-2.5 to 2.5	Pass
				30	3.8	1.087	0.0013	-2.5 to 2.5	Pass
				40	3.8	-2.332	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-2.074	-0.0025	-2.5 to 2.5	Pass
				848.3	6	0	20	3.23	-0.715
	3.8	4.206	0.0050					-2.5 to 2.5	Pass
	4.37	-2.747	-0.0032					-2.5 to 2.5	Pass
	-30	3.8	-0.286				-0.0003	-2.5 to 2.5	Pass
	-20	3.8	2.604				0.0031	-2.5 to 2.5	Pass
	-10	3.8	0.401				0.0005	-2.5 to 2.5	Pass
	0	3.8	-3.147				-0.0037	-2.5 to 2.5	Pass
	10	3.8	1.316				0.0016	-2.5 to 2.5	Pass
	30	3.8	1.302				0.0015	-2.5 to 2.5	Pass
	40	3.8	-0.458	-0.0005	-2.5 to 2.5	Pass			
50	3.8	0.243	0.0003	-2.5 to 2.5	Pass				

2.2 B26b_3MHz

2.2.1 Test Result

Band: 26b / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	825.5	15	0	20	3.23	2.904	0.0035	-2.5 to 2.5	Pass
					3.8	-2.875	-0.0035	-2.5 to 2.5	Pass
					4.37	-0.830	-0.0010	-2.5 to 2.5	Pass
				-30	3.8	2.532	0.0031	-2.5 to 2.5	Pass
				-20	3.8	-0.644	-0.0008	-2.5 to 2.5	Pass
				-10	3.8	0.515	0.0006	-2.5 to 2.5	Pass
				0	3.8	1.788	0.0022	-2.5 to 2.5	Pass
				10	3.8	-4.435	-0.0054	-2.5 to 2.5	Pass
				30	3.8	-2.675	-0.0032	-2.5 to 2.5	Pass
				40	3.8	-3.791	-0.0046	-2.5 to 2.5	Pass
				50	3.8	3.462	0.0042	-2.5 to 2.5	Pass
				836.5	15	0	20	3.23	1.431
	3.8	-3.233	-0.0039					-2.5 to 2.5	Pass
	4.37	-3.719	-0.0044					-2.5 to 2.5	Pass
	-30	3.8	-0.787				-0.0009	-2.5 to 2.5	Pass
	-20	3.8	-0.858				-0.0010	-2.5 to 2.5	Pass
	-10	3.8	3.548				0.0042	-2.5 to 2.5	Pass
	0	3.8	-2.818				-0.0034	-2.5 to 2.5	Pass
	10	3.8	0.343				0.0004	-2.5 to 2.5	Pass
	30	3.8	1.473				0.0018	-2.5 to 2.5	Pass
	40	3.8	-0.415				-0.0005	-2.5 to 2.5	Pass
	50	3.8	-3.061				-0.0037	-2.5 to 2.5	Pass
	847.5	15	0				20	3.23	-0.472
				3.8	-3.119	-0.0037		-2.5 to 2.5	Pass
				4.37	-4.091	-0.0048		-2.5 to 2.5	Pass

				-30	3.8	-2.031	-0.0024	-2.5 to 2.5	Pass	
				-20	3.8	-1.059	-0.0012	-2.5 to 2.5	Pass	
				-10	3.8	-0.658	-0.0008	-2.5 to 2.5	Pass	
				0	3.8	-2.160	-0.0025	-2.5 to 2.5	Pass	
				10	3.8	-3.791	-0.0045	-2.5 to 2.5	Pass	
				30	3.8	-4.721	-0.0056	-2.5 to 2.5	Pass	
				40	3.8	0.143	0.0002	-2.5 to 2.5	Pass	
				50	3.8	-3.047	-0.0036	-2.5 to 2.5	Pass	
16QAM	825.5	15	0	20	3.23	-5.937	-0.0072	-2.5 to 2.5	Pass	
					3.8	-1.616	-0.0020	-2.5 to 2.5	Pass	
					4.37	-3.734	-0.0045	-2.5 to 2.5	Pass	
				-30	3.8	-2.217	-0.0027	-2.5 to 2.5	Pass	
					-20	3.8	-3.133	-0.0038	-2.5 to 2.5	Pass
						3.8	-0.501	-0.0006	-2.5 to 2.5	Pass
				0	3.8	0.029	0.0000	-2.5 to 2.5	Pass	
				10	3.8	-0.558	-0.0007	-2.5 to 2.5	Pass	
				30	3.8	-5.121	-0.0062	-2.5 to 2.5	Pass	
	40	3.8	-3.548	-0.0043	-2.5 to 2.5	Pass				
	50	3.8	-4.377	-0.0053	-2.5 to 2.5	Pass				
	836.5	15	0	20	3.23	2.003	0.0024	-2.5 to 2.5	Pass	
					3.8	1.445	0.0017	-2.5 to 2.5	Pass	
					4.37	-0.172	-0.0002	-2.5 to 2.5	Pass	
				-30	3.8	3.018	0.0036	-2.5 to 2.5	Pass	
					-20	3.8	-1.645	-0.0020	-2.5 to 2.5	Pass
						3.8	-1.760	-0.0021	-2.5 to 2.5	Pass
				0	3.8	-0.343	-0.0004	-2.5 to 2.5	Pass	
				10	3.8	3.204	0.0038	-2.5 to 2.5	Pass	
				30	3.8	-1.574	-0.0019	-2.5 to 2.5	Pass	
	40	3.8	0.143	0.0002	-2.5 to 2.5	Pass				
	50	3.8	0.315	0.0004	-2.5 to 2.5	Pass				
	847.5	15	0	20	3.23	2.546	0.0030	-2.5 to 2.5	Pass	
					3.8	5.651	0.0067	-2.5 to 2.5	Pass	
					4.37	-0.801	-0.0009	-2.5 to 2.5	Pass	
				-30	3.8	-1.330	-0.0016	-2.5 to 2.5	Pass	
					-20	3.8	-3.376	-0.0040	-2.5 to 2.5	Pass
3.8						-2.289	-0.0027	-2.5 to 2.5	Pass	
0				3.8	0.429	0.0005	-2.5 to 2.5	Pass		
10				3.8	0.358	0.0004	-2.5 to 2.5	Pass		
30				3.8	2.303	0.0027	-2.5 to 2.5	Pass		
40	3.8	-2.131	-0.0025	-2.5 to 2.5	Pass					
50	3.8	0.086	0.0001	-2.5 to 2.5	Pass					

2.3 B26b_5MHz

2.3.1 Test Result

Band: 26b / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	826.5	25	0	20	3.23	2.875	0.0035	-2.5 to 2.5	Pass
					3.8	0.043	0.0001	-2.5 to 2.5	Pass
					4.37	0.973	0.0012	-2.5 to 2.5	Pass

				-30	3.8	-1.273	-0.0015	-2.5 to 2.5	Pass			
				-20	3.8	3.076	0.0037	-2.5 to 2.5	Pass			
				-10	3.8	1.173	0.0014	-2.5 to 2.5	Pass			
				0	3.8	-1.130	-0.0014	-2.5 to 2.5	Pass			
				10	3.8	-0.057	-0.0001	-2.5 to 2.5	Pass			
				30	3.8	1.731	0.0021	-2.5 to 2.5	Pass			
				40	3.8	-1.001	-0.0012	-2.5 to 2.5	Pass			
	50	3.8	1.059	0.0013	-2.5 to 2.5	Pass						
	836.5	25	0	20	3.23	-1.588	-0.0019	-2.5 to 2.5	Pass			
					3.8	1.030	0.0012	-2.5 to 2.5	Pass			
					4.37	1.631	0.0019	-2.5 to 2.5	Pass			
				-30	3.8	1.359	0.0016	-2.5 to 2.5	Pass			
				-20	3.8	-2.246	-0.0027	-2.5 to 2.5	Pass			
				-10	3.8	-0.830	-0.0010	-2.5 to 2.5	Pass			
				0	3.8	-1.874	-0.0022	-2.5 to 2.5	Pass			
				10	3.8	-0.916	-0.0011	-2.5 to 2.5	Pass			
				30	3.8	-0.672	-0.0008	-2.5 to 2.5	Pass			
				40	3.8	-0.343	-0.0004	-2.5 to 2.5	Pass			
				50	3.8	3.076	0.0037	-2.5 to 2.5	Pass			
				846.5	25	0	20	3.23	-1.502	-0.0018	-2.5 to 2.5	Pass
								3.8	-1.574	-0.0019	-2.5 to 2.5	Pass
4.37								0.844	0.0010	-2.5 to 2.5	Pass	
-30	3.8	2.747	0.0032				-2.5 to 2.5	Pass				
-20	3.8	0.114	0.0001				-2.5 to 2.5	Pass				
-10	3.8	0.558	0.0007				-2.5 to 2.5	Pass				
0	3.8	4.020	0.0047				-2.5 to 2.5	Pass				
10	3.8	-1.459	-0.0017				-2.5 to 2.5	Pass				
30	3.8	2.804	0.0033				-2.5 to 2.5	Pass				
40	3.8	-1.016	-0.0012				-2.5 to 2.5	Pass				
50	3.8	0.973	0.0011				-2.5 to 2.5	Pass				
16QAM	826.5	25	0	20	3.23	-2.117	-0.0026	-2.5 to 2.5	Pass			
					3.8	1.273	0.0015	-2.5 to 2.5	Pass			
					4.37	-2.289	-0.0028	-2.5 to 2.5	Pass			
				-30	3.8	2.060	0.0025	-2.5 to 2.5	Pass			
				-20	3.8	0.672	0.0008	-2.5 to 2.5	Pass			
				-10	3.8	0.257	0.0003	-2.5 to 2.5	Pass			
				0	3.8	-2.875	-0.0035	-2.5 to 2.5	Pass			
				10	3.8	-1.903	-0.0023	-2.5 to 2.5	Pass			
				30	3.8	-0.086	-0.0001	-2.5 to 2.5	Pass			
				40	3.8	-2.031	-0.0025	-2.5 to 2.5	Pass			
				50	3.8	-1.645	-0.0020	-2.5 to 2.5	Pass			
				836.5	25	0	20	3.23	-1.087	-0.0013	-2.5 to 2.5	Pass
								3.8	-2.661	-0.0032	-2.5 to 2.5	Pass
								4.37	-2.518	-0.0030	-2.5 to 2.5	Pass
	-30	3.8	-4.635				-0.0055	-2.5 to 2.5	Pass			
	-20	3.8	-2.131				-0.0025	-2.5 to 2.5	Pass			
	-10	3.8	1.831				0.0022	-2.5 to 2.5	Pass			
	0	3.8	-2.446				-0.0029	-2.5 to 2.5	Pass			
	10	3.8	2.232				0.0027	-2.5 to 2.5	Pass			
	30	3.8	0.601				0.0007	-2.5 to 2.5	Pass			
	40	3.8	-2.418				-0.0029	-2.5 to 2.5	Pass			
	50	3.8	-0.300				-0.0004	-2.5 to 2.5	Pass			
	846.5	25	0				20	3.23	0.687	0.0008	-2.5 to 2.5	Pass
								3.8	3.161	0.0037	-2.5 to 2.5	Pass
				4.37	2.689	0.0032		-2.5 to 2.5	Pass			

				-30	3.8	0.873	0.0010	-2.5 to 2.5	Pass
				-20	3.8	3.247	0.0038	-2.5 to 2.5	Pass
				-10	3.8	-3.061	-0.0036	-2.5 to 2.5	Pass
				0	3.8	0.372	0.0004	-2.5 to 2.5	Pass
				10	3.8	2.518	0.0030	-2.5 to 2.5	Pass
				30	3.8	0.329	0.0004	-2.5 to 2.5	Pass
				40	3.8	2.031	0.0024	-2.5 to 2.5	Pass
				50	3.8	2.131	0.0025	-2.5 to 2.5	Pass

2.4 B26b_10MHz

2.4.1 Test Result

Band: 26b / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	829	50	0	20	3.23	3.133	0.0038	-2.5 to 2.5	Pass	
					3.8	-0.043	-0.0001	-2.5 to 2.5	Pass	
					4.37	-1.202	-0.0014	-2.5 to 2.5	Pass	
				-30	3.8	2.031	0.0024	-2.5 to 2.5	Pass	
					-20	3.8	0.730	0.0009	-2.5 to 2.5	Pass
						3.8	-1.373	-0.0017	-2.5 to 2.5	Pass
				0	3.8	-1.817	-0.0022	-2.5 to 2.5	Pass	
					10	3.8	-0.343	-0.0004	-2.5 to 2.5	Pass
				30	3.8	-2.832	-0.0034	-2.5 to 2.5	Pass	
	40	3.8	-0.257		-0.0003	-2.5 to 2.5	Pass			
	50	3.8	0.658	0.0008	-2.5 to 2.5	Pass				
	836.5	50	0	20	3.23	0.172	0.0002	-2.5 to 2.5	Pass	
					3.8	-0.830	-0.0010	-2.5 to 2.5	Pass	
					4.37	0.558	0.0007	-2.5 to 2.5	Pass	
				-30	3.8	1.330	0.0016	-2.5 to 2.5	Pass	
					-20	3.8	-0.043	-0.0001	-2.5 to 2.5	Pass
						3.8	-0.858	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-0.215	-0.0003	-2.5 to 2.5	Pass	
					10	3.8	0.587	0.0007	-2.5 to 2.5	Pass
				30	3.8	-0.401	-0.0005	-2.5 to 2.5	Pass	
	40	3.8	-0.257		-0.0003	-2.5 to 2.5	Pass			
	50	3.8	-0.930	-0.0011	-2.5 to 2.5	Pass				
	844	50	0	20	3.23	-1.631	-0.0019	-2.5 to 2.5	Pass	
					3.8	0.372	0.0004	-2.5 to 2.5	Pass	
					4.37	-0.844	-0.0010	-2.5 to 2.5	Pass	
				-30	3.8	1.502	0.0018	-2.5 to 2.5	Pass	
					-20	3.8	-0.200	-0.0002	-2.5 to 2.5	Pass
3.8						0.844	0.0010	-2.5 to 2.5	Pass	
0				3.8	-1.931	-0.0023	-2.5 to 2.5	Pass		
				10	3.8	-0.114	-0.0001	-2.5 to 2.5	Pass	
30				3.8	-2.747	-0.0033	-2.5 to 2.5	Pass		
	40	3.8	-3.476	-0.0041	-2.5 to 2.5	Pass				
50	3.8	0.572	0.0007	-2.5 to 2.5	Pass					
16QAM	829	50	0	20	3.23	-0.143	-0.0002	-2.5 to 2.5	Pass	
					3.8	0.801	0.0010	-2.5 to 2.5	Pass	
					4.37	0.114	0.0001	-2.5 to 2.5	Pass	

				-30	3.8	0.215	0.0003	-2.5 to 2.5	Pass			
				-20	3.8	2.203	0.0027	-2.5 to 2.5	Pass			
				-10	3.8	0.958	0.0012	-2.5 to 2.5	Pass			
				0	3.8	-2.947	-0.0036	-2.5 to 2.5	Pass			
				10	3.8	-0.343	-0.0004	-2.5 to 2.5	Pass			
				30	3.8	-1.488	-0.0018	-2.5 to 2.5	Pass			
				40	3.8	-0.172	-0.0002	-2.5 to 2.5	Pass			
				50	3.8	1.073	0.0013	-2.5 to 2.5	Pass			
				20	3.23	-0.386	-0.0005	-2.5 to 2.5	Pass			
					3.8	-0.200	-0.0002	-2.5 to 2.5	Pass			
	4.37	0.572	0.0007		-2.5 to 2.5	Pass						
	836.5	50	0	-30	3.8	-1.044	-0.0012	-2.5 to 2.5	Pass			
				-20	3.8	-2.089	-0.0025	-2.5 to 2.5	Pass			
				-10	3.8	-0.458	-0.0005	-2.5 to 2.5	Pass			
				0	3.8	0.243	0.0003	-2.5 to 2.5	Pass			
				10	3.8	-0.358	-0.0004	-2.5 to 2.5	Pass			
				30	3.8	-4.792	-0.0057	-2.5 to 2.5	Pass			
				40	3.8	-4.864	-0.0058	-2.5 to 2.5	Pass			
				50	3.8	-2.303	-0.0028	-2.5 to 2.5	Pass			
				844	50	0	20	3.23	-3.276	-0.0039	-2.5 to 2.5	Pass
								3.8	-1.488	-0.0018	-2.5 to 2.5	Pass
	4.37	-2.217	-0.0026					-2.5 to 2.5	Pass			
	-30	3.8	-0.615				-0.0007	-2.5 to 2.5	Pass			
	-20	3.8	-3.920				-0.0046	-2.5 to 2.5	Pass			
	-10	3.8	-2.775				-0.0033	-2.5 to 2.5	Pass			
	0	3.8	-3.848				-0.0046	-2.5 to 2.5	Pass			
	10	3.8	-2.432				-0.0029	-2.5 to 2.5	Pass			
	30	3.8	0.243				0.0003	-2.5 to 2.5	Pass			
	40	3.8	0.100				0.0001	-2.5 to 2.5	Pass			
	50	3.8	-1.488	-0.0018	-2.5 to 2.5	Pass						

3. Modulation Characteristics

3.1 B26b_1.4MHz

3.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	6	0	Refer To Test Graph		Pass
16QAM	836.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

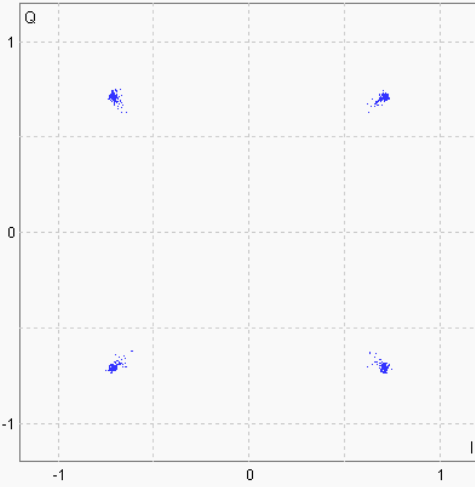
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTV

CMW 500 V 3.7.160 - LTE Measurement - V3.7.70 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 41.00 dBm BW: 1.4 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 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

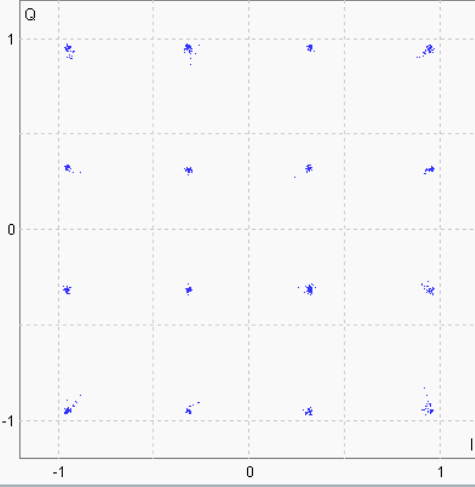
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV

CMW 500 V 3.7.160 - LTE Measurement - V3.7.70 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 41.00 dBm BW: 1.4 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 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

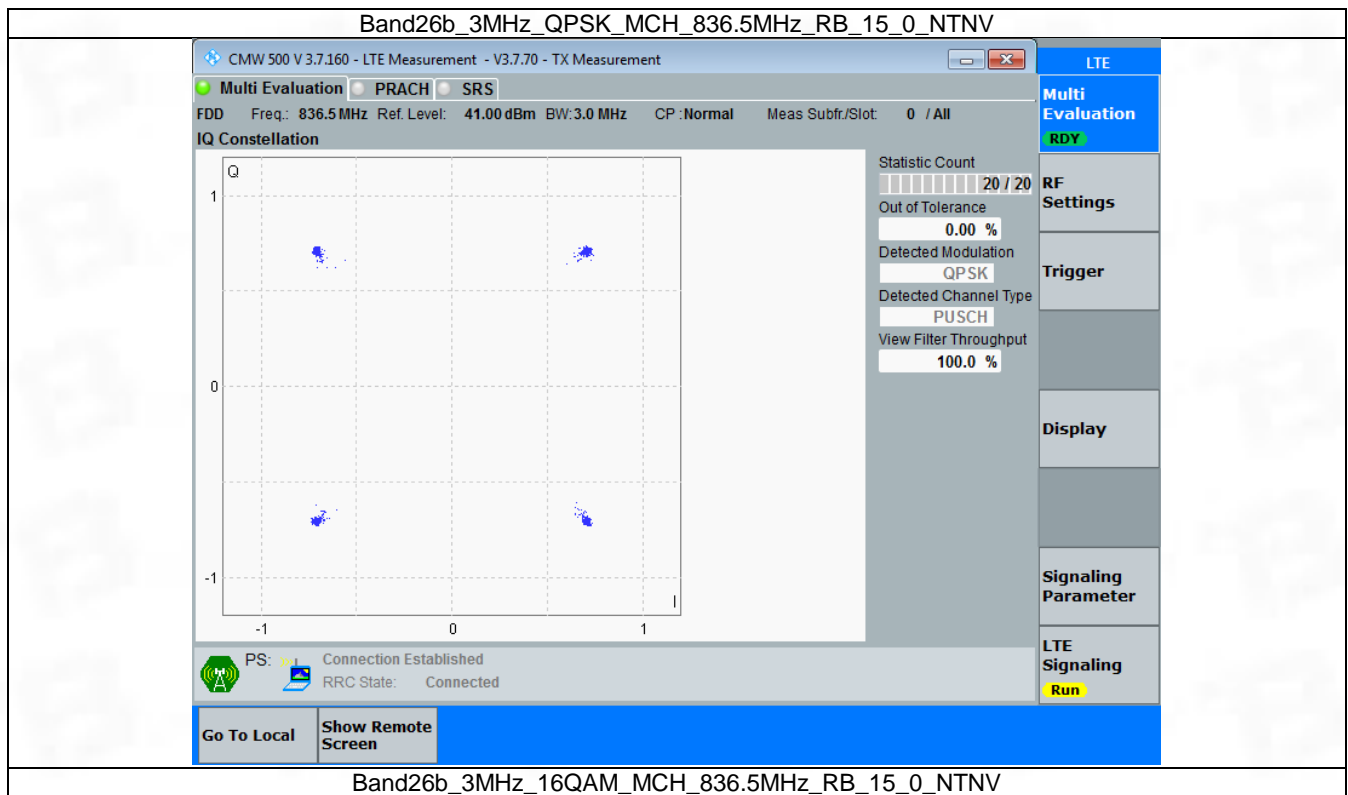
LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

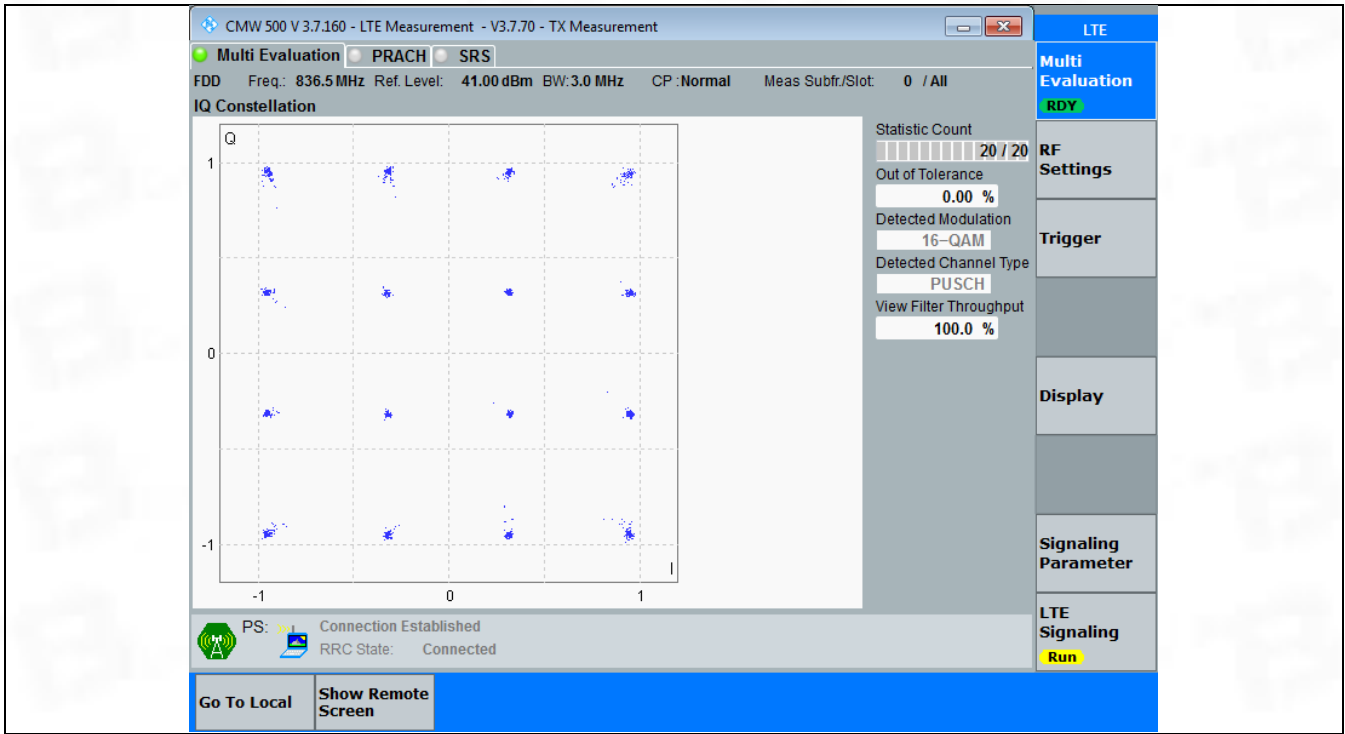
3.2 B26b_3MHz

3.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	15	0	Refer To Test Graph		Pass
16QAM	836.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph





3.3 B26b_5MHz

3.3.1 Test Result

Band: 26b / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	25	0	Refer To Test Graph		Pass
16QAM	836.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

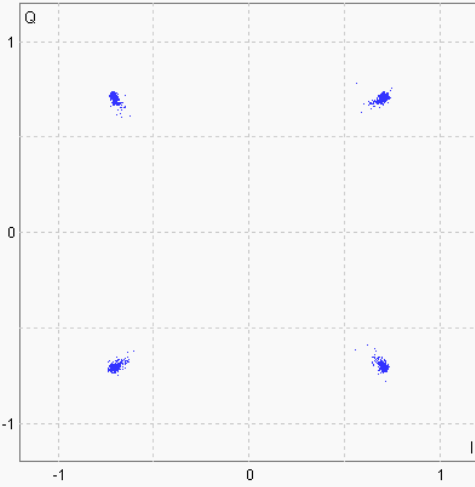
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTV

CMW 500 V 3.7.160 - LTE Measurement - V3.7.70 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 41.00 dBm BW: 5.0 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 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

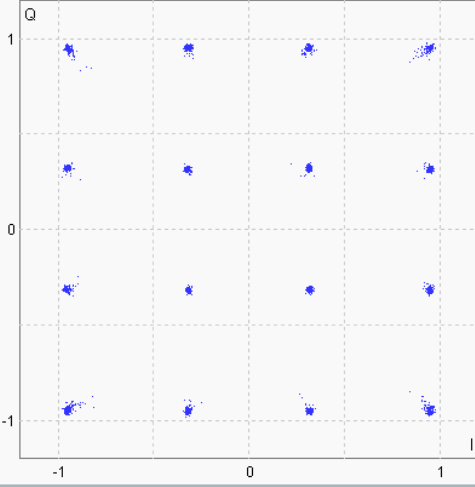
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

CMW 500 V 3.7.160 - LTE Measurement - V3.7.70 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 836.5 MHz Ref. Level: 41.00 dBm BW: 5.0 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 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

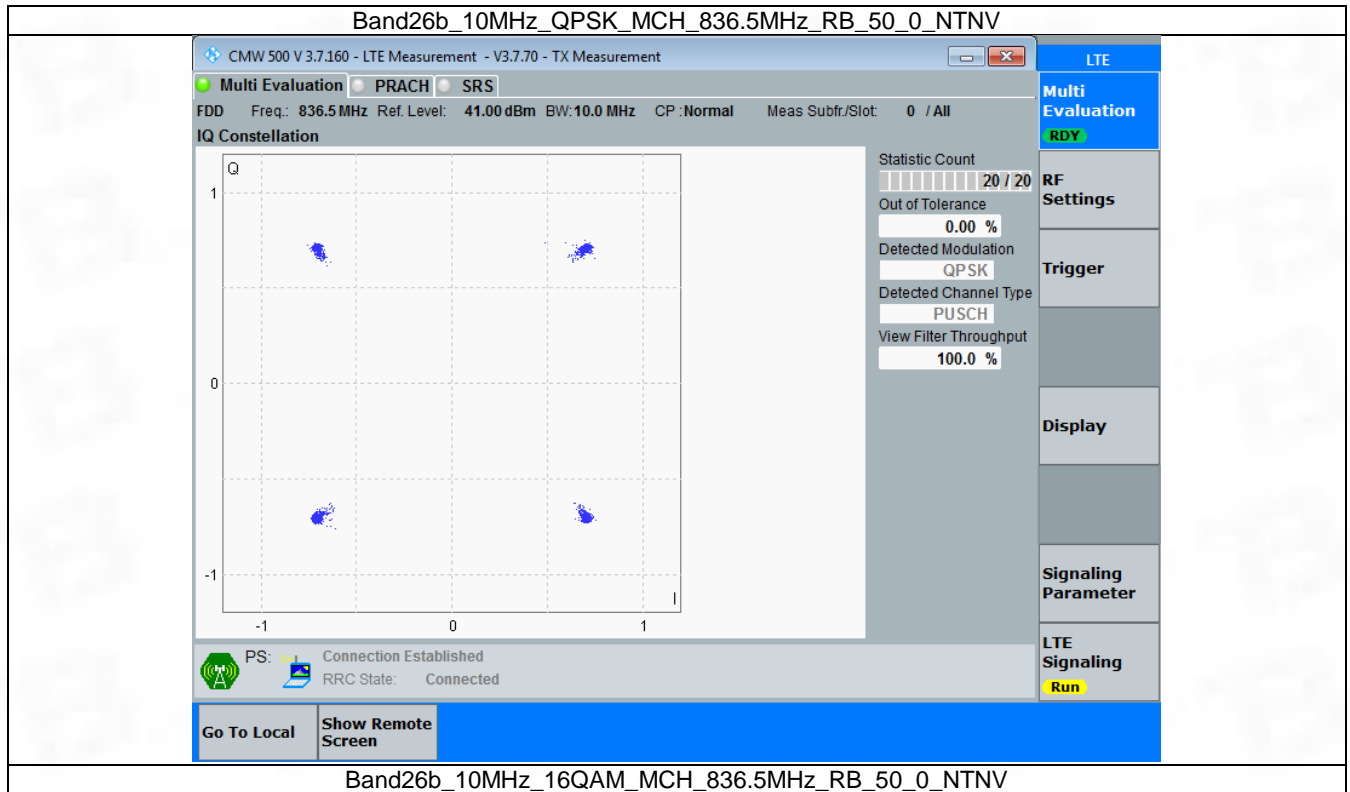
LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

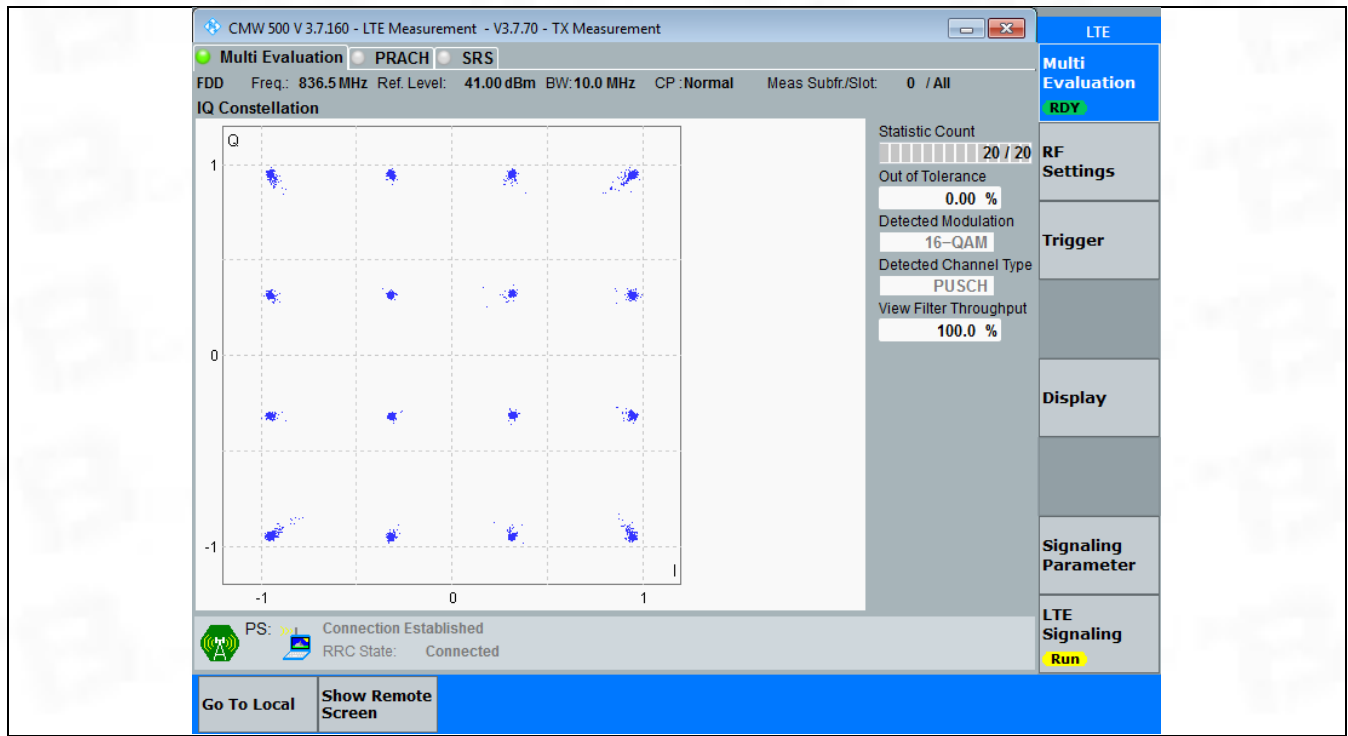
3.4 B26b_10MHz

3.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	836.5	50	0	Refer To Test Graph		Pass
16QAM	836.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph





4. 99% & 26dB Bandwidth

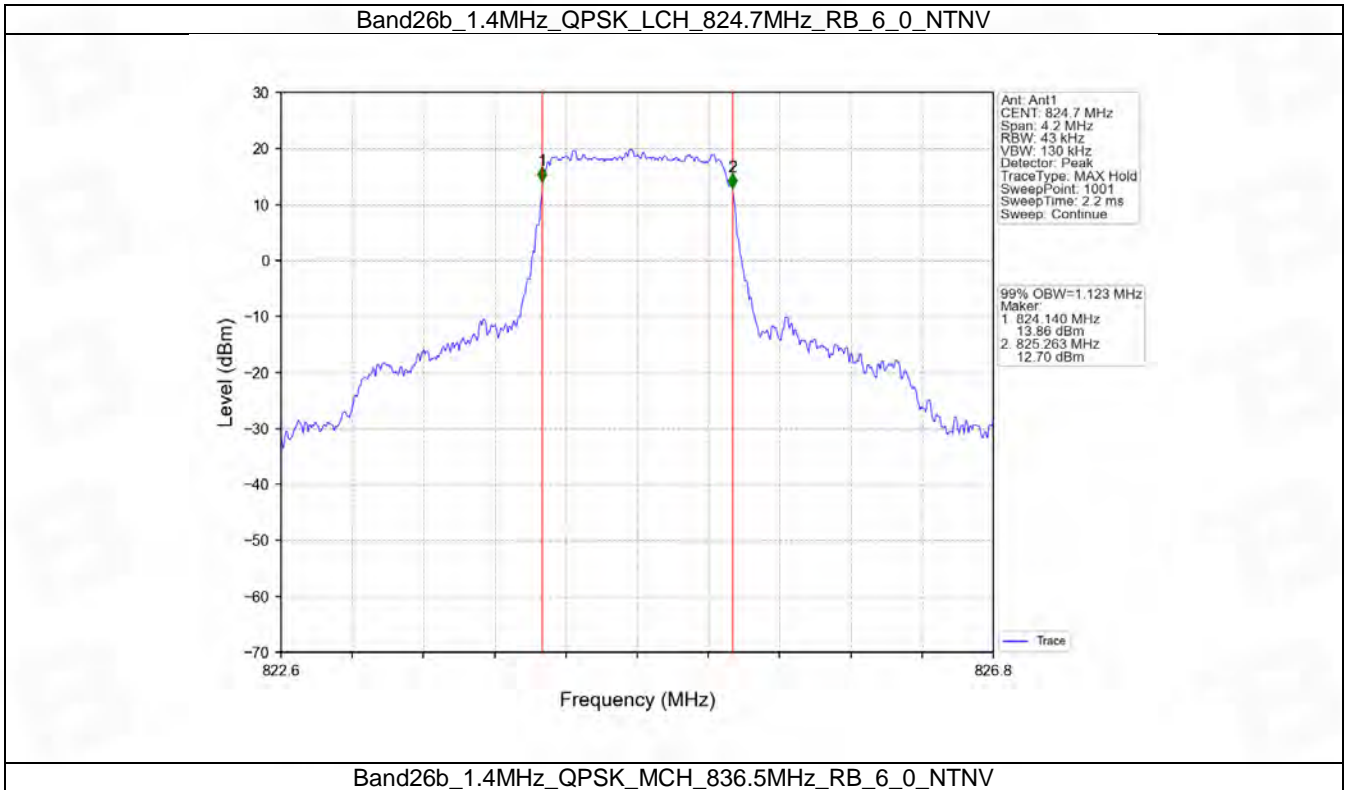
4.1 Band26b_OBW

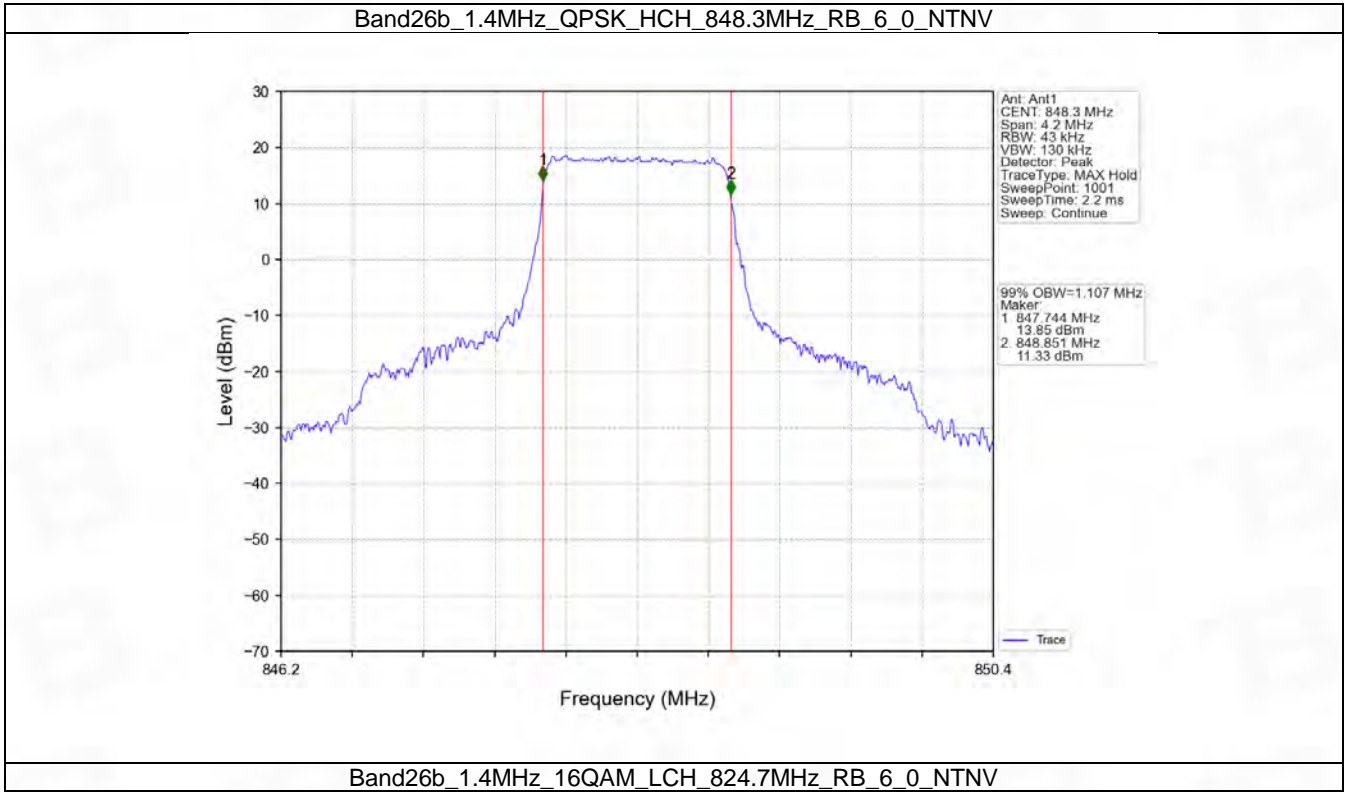
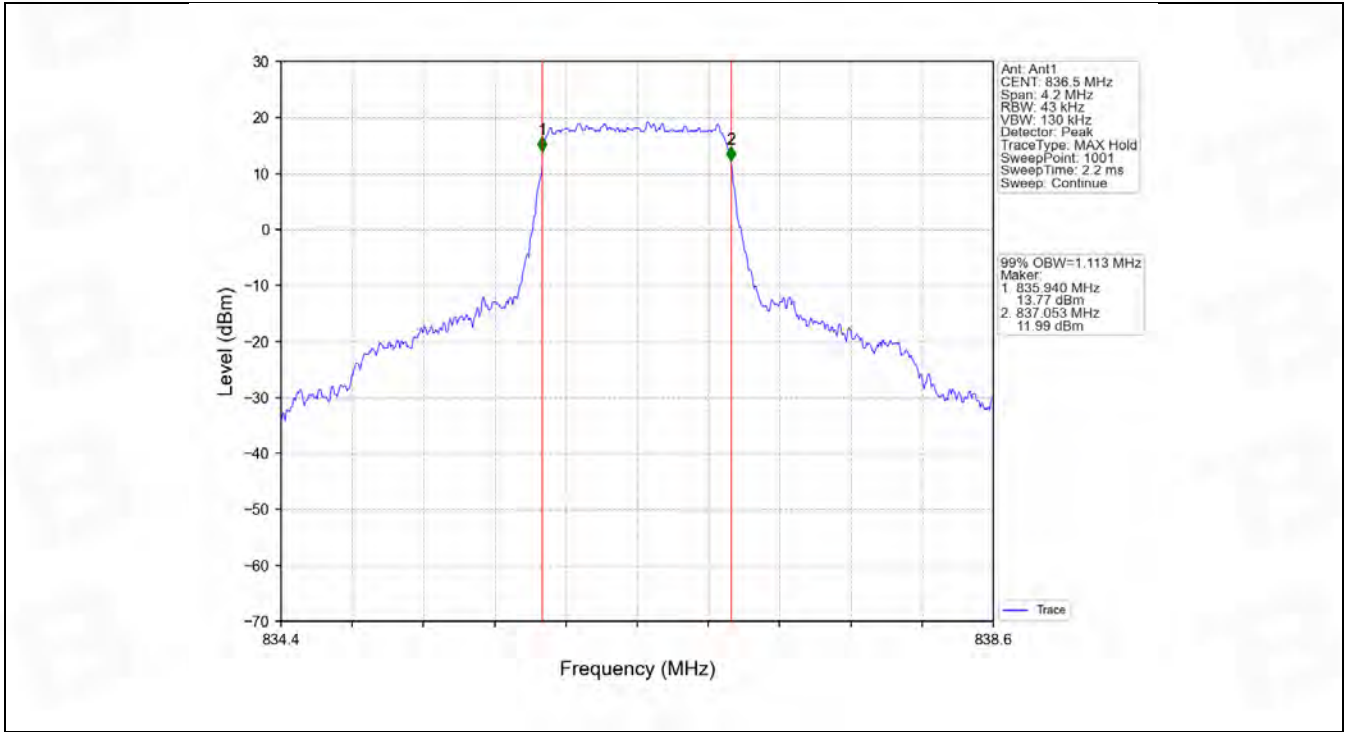
4.1.1 Test Result

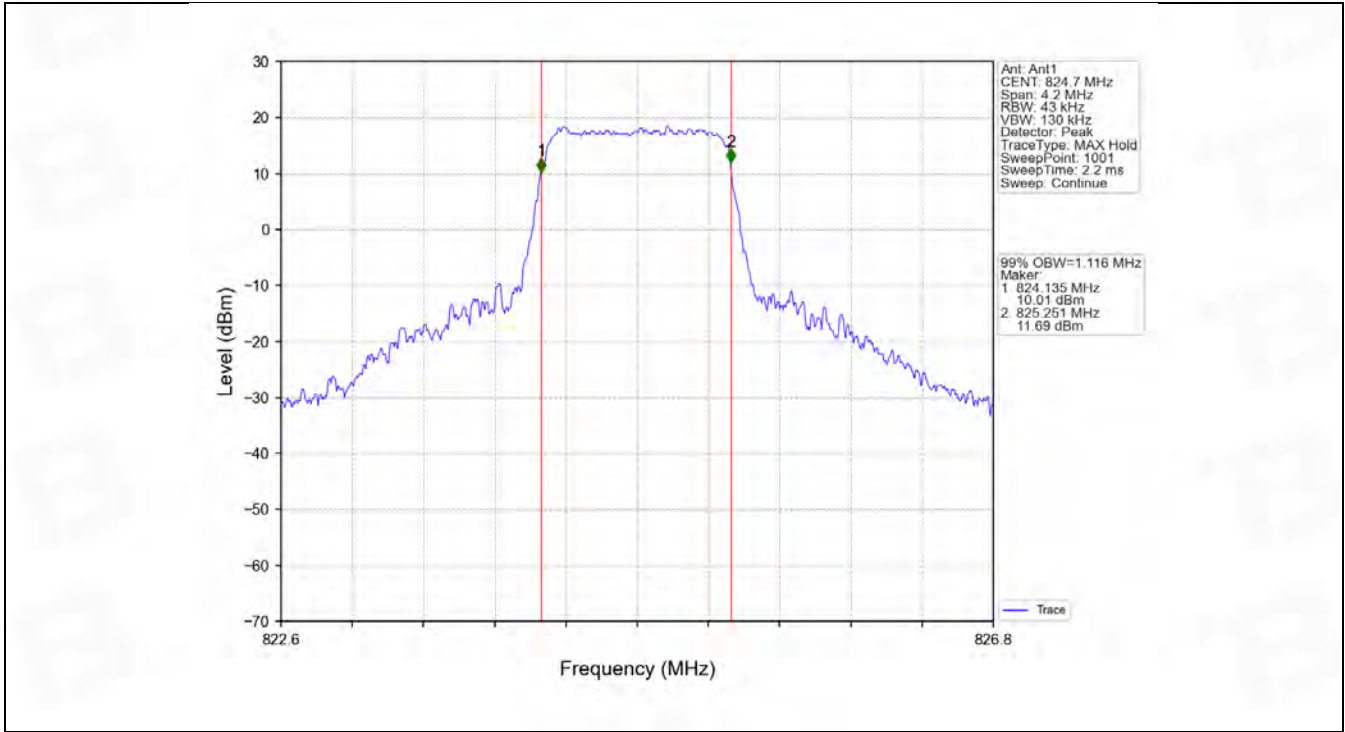
Band: 26b / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.123	Pass
		836.5	6	0	1.113	Pass
		848.3	6	0	1.107	Pass
	16QAM	824.7	6	0	1.116	Pass
		836.5	6	0	1.106	Pass
		848.3	6	0	1.106	Pass
3	QPSK	825.5	15	0	2.746	Pass
		836.5	15	0	2.732	Pass
		847.5	15	0	2.736	Pass
	16QAM	825.5	15	0	2.727	Pass
		836.5	15	0	2.730	Pass
		847.5	15	0	2.720	Pass
5	QPSK	826.5	25	0	4.562	Pass
		836.5	25	0	4.547	Pass

	16QAM	846.5	25	0	4.557	Pass
		826.5	25	0	4.546	Pass
		836.5	25	0	4.571	Pass
		846.5	25	0	4.534	Pass
10	QPSK	829	50	0	9.076	Pass
		836.5	50	0	9.070	Pass
		844	50	0	9.058	Pass
	16QAM	829	50	0	9.046	Pass
		836.5	50	0	9.049	Pass
		844	50	0	9.044	Pass

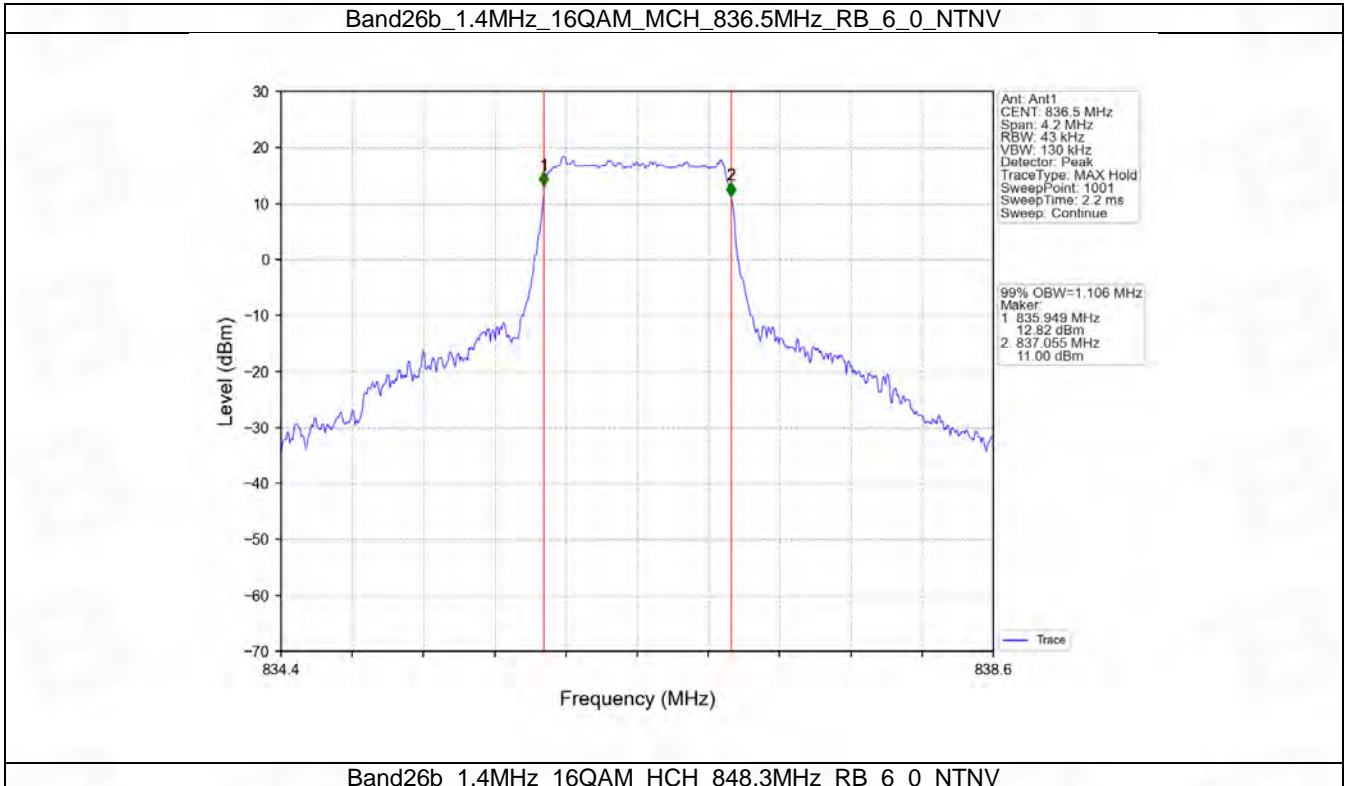
4.1.2 Test Graph



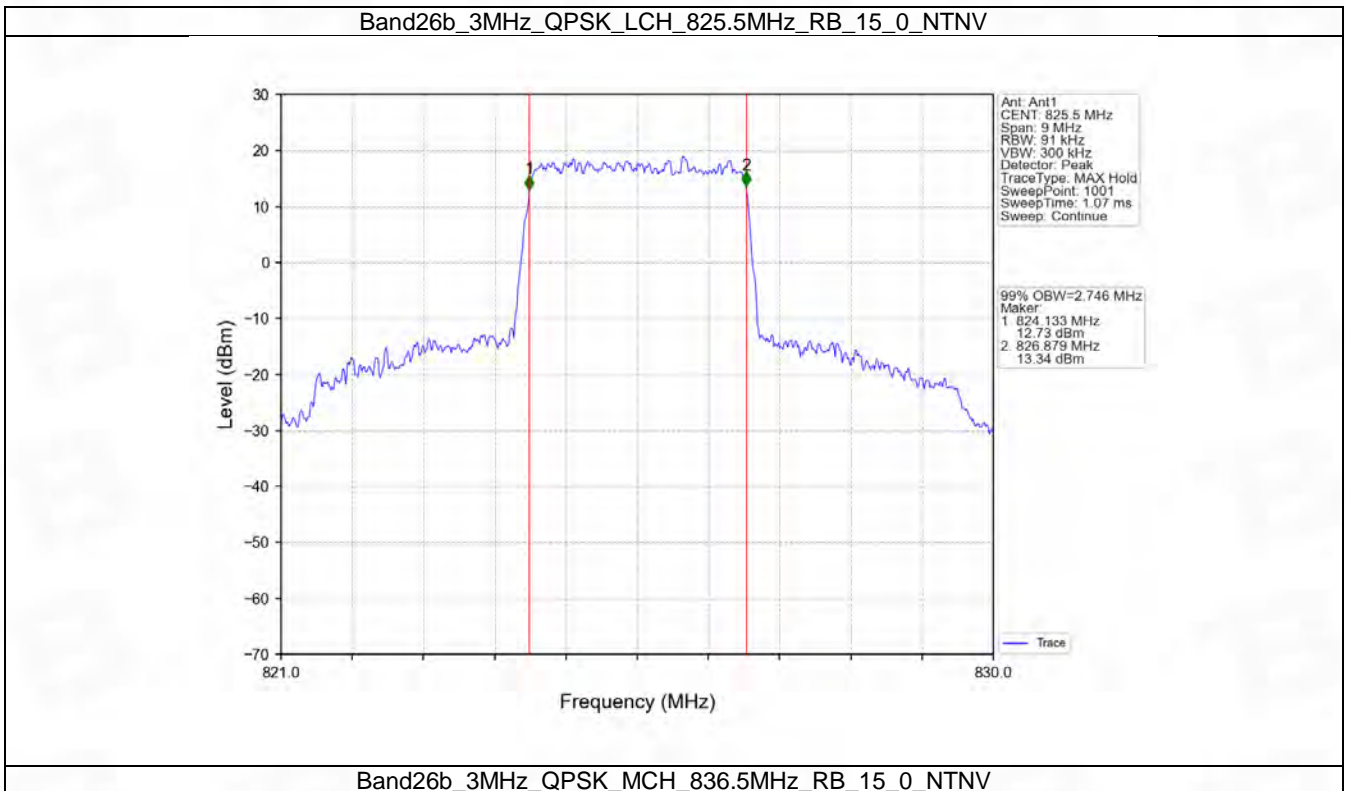
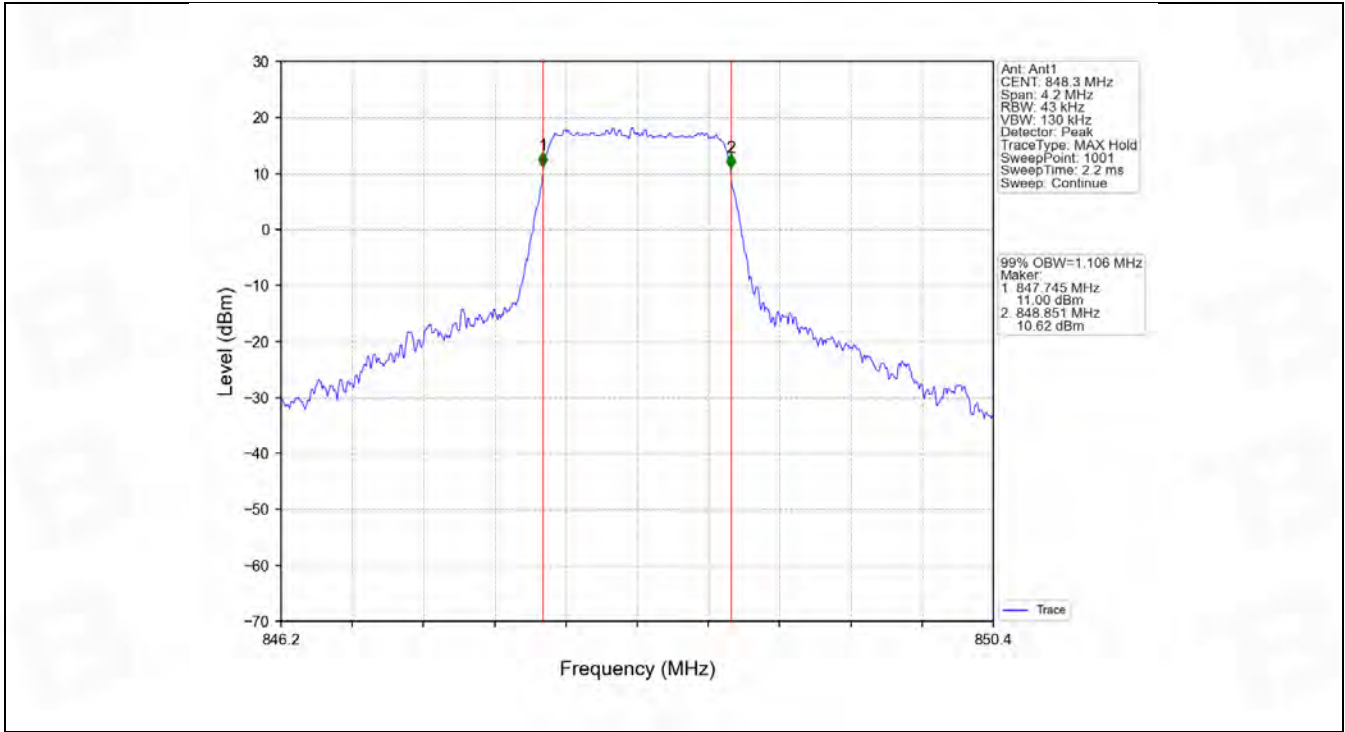


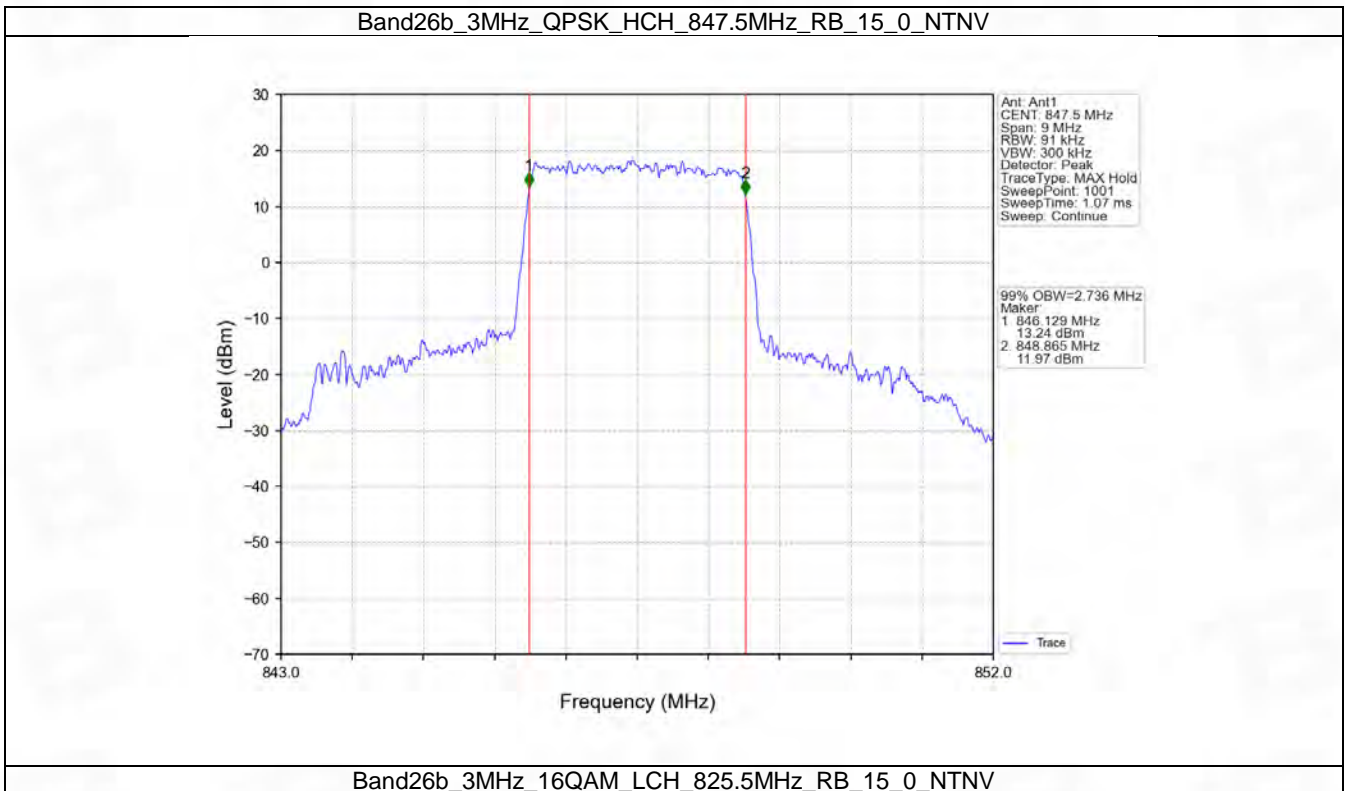
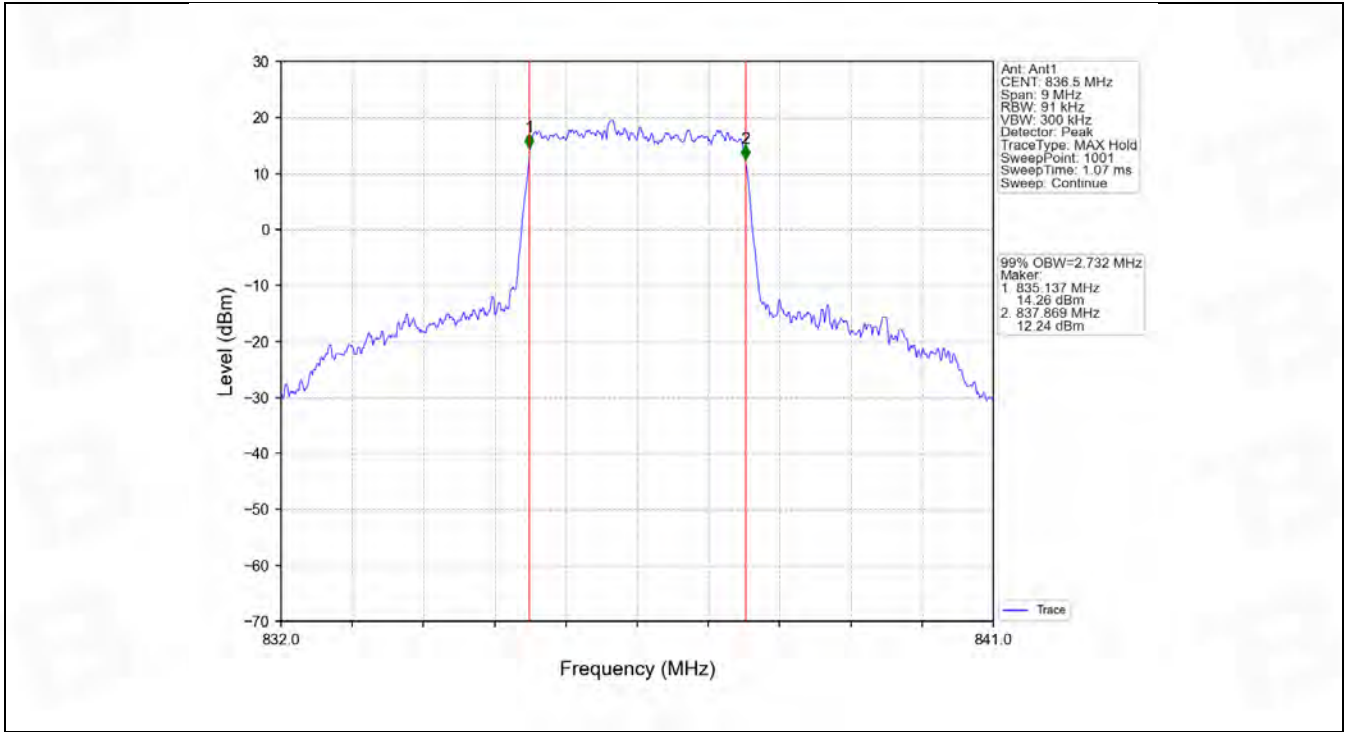


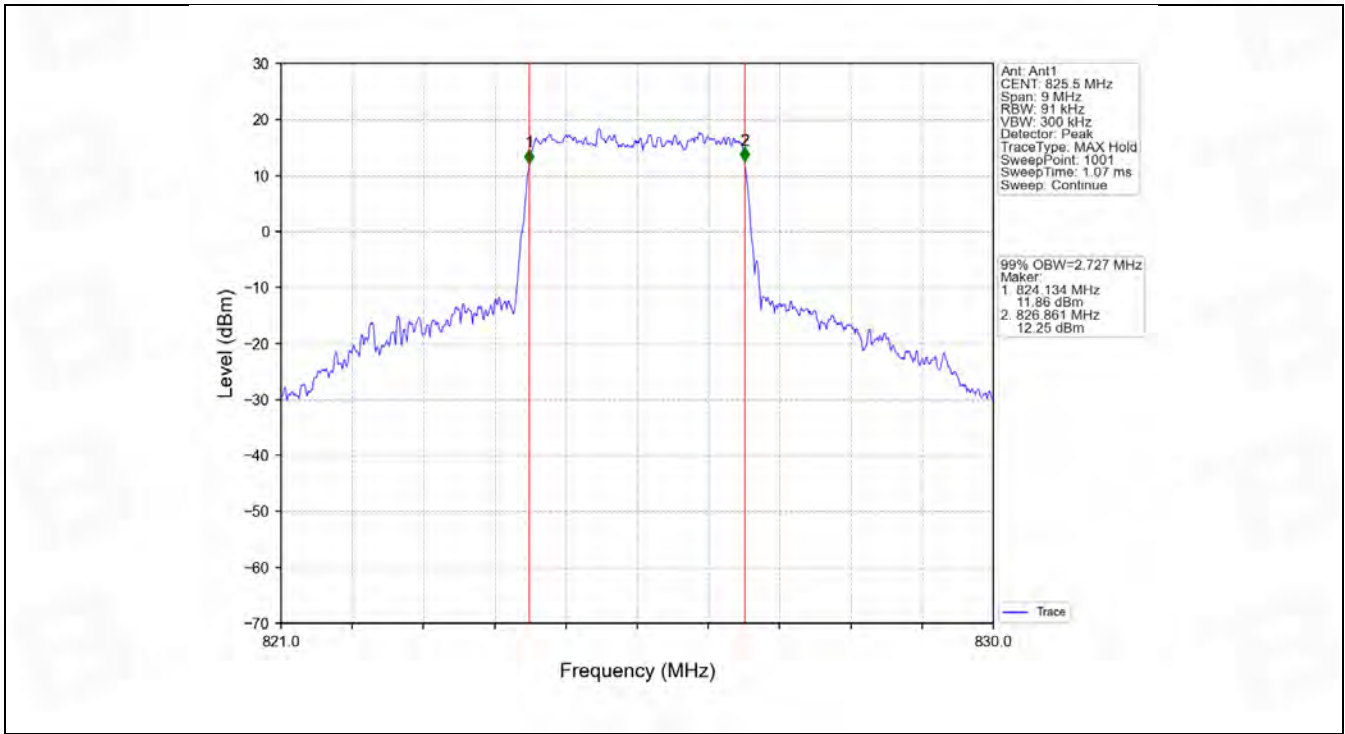
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



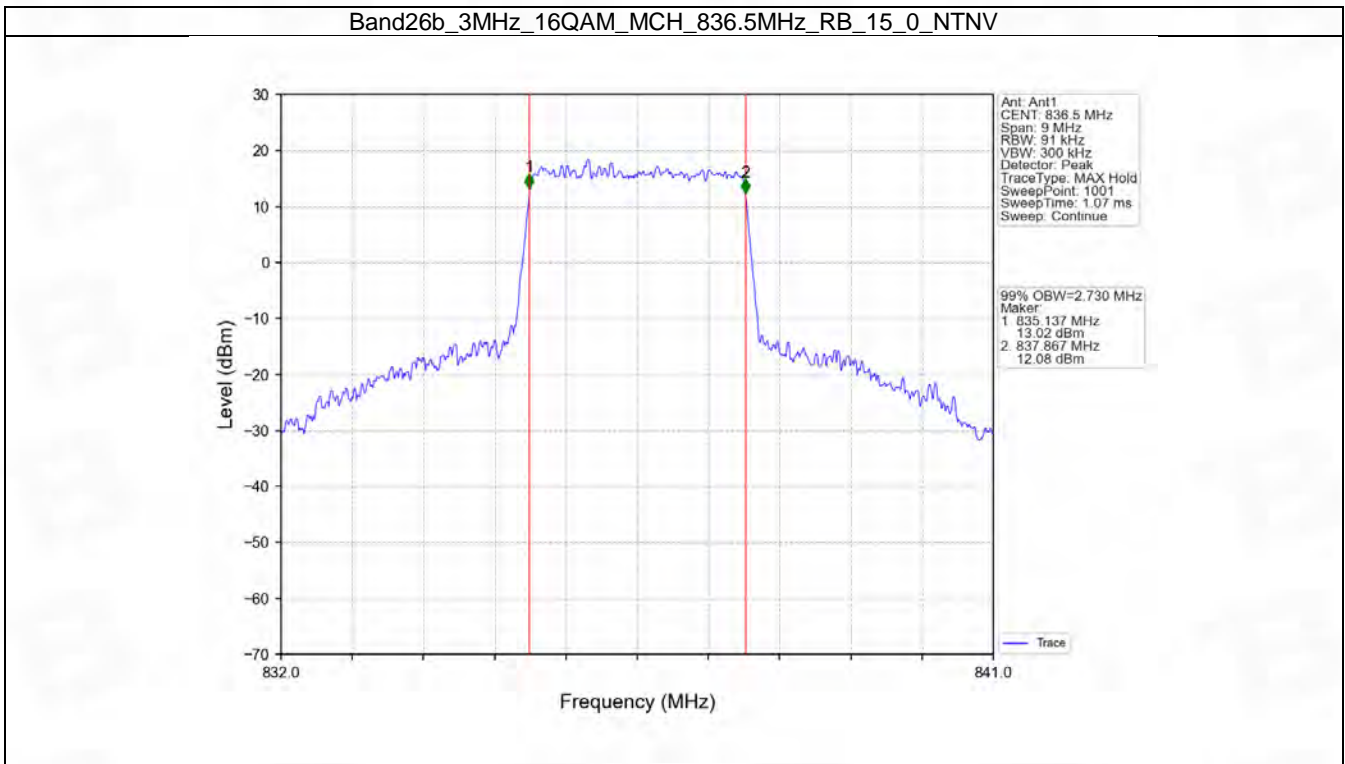
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



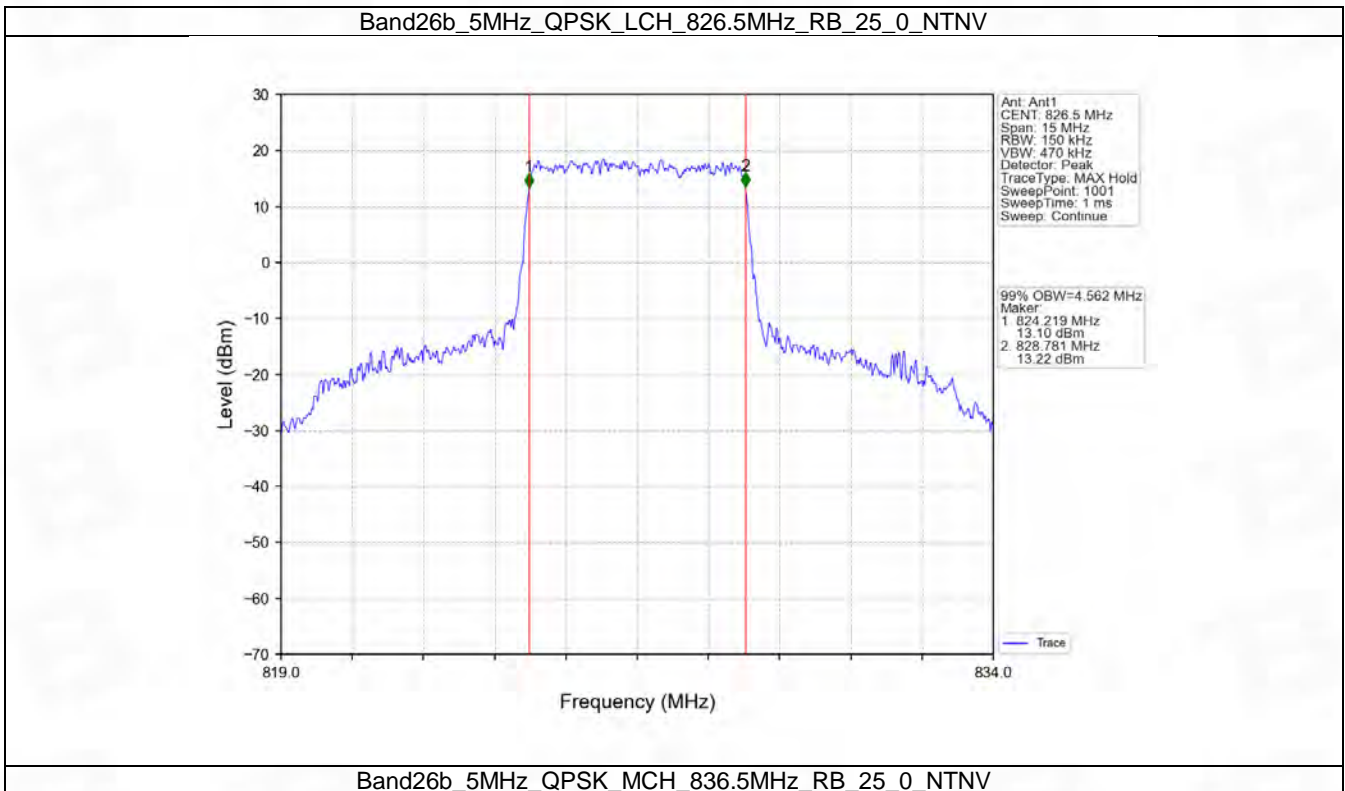
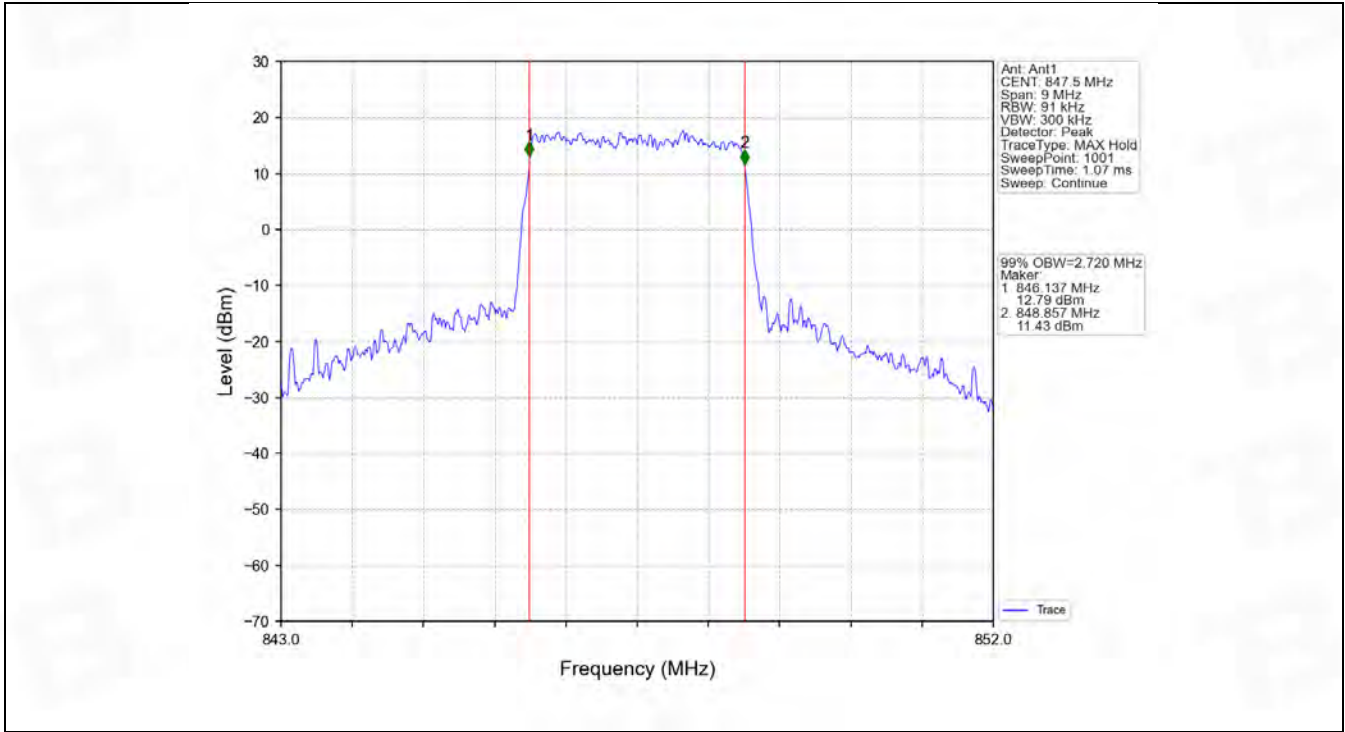


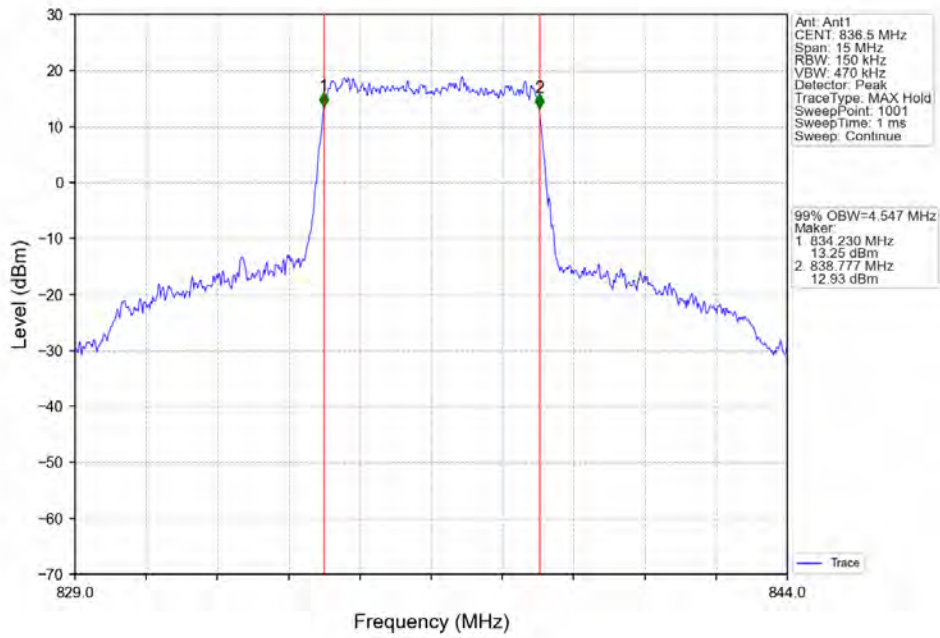


Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

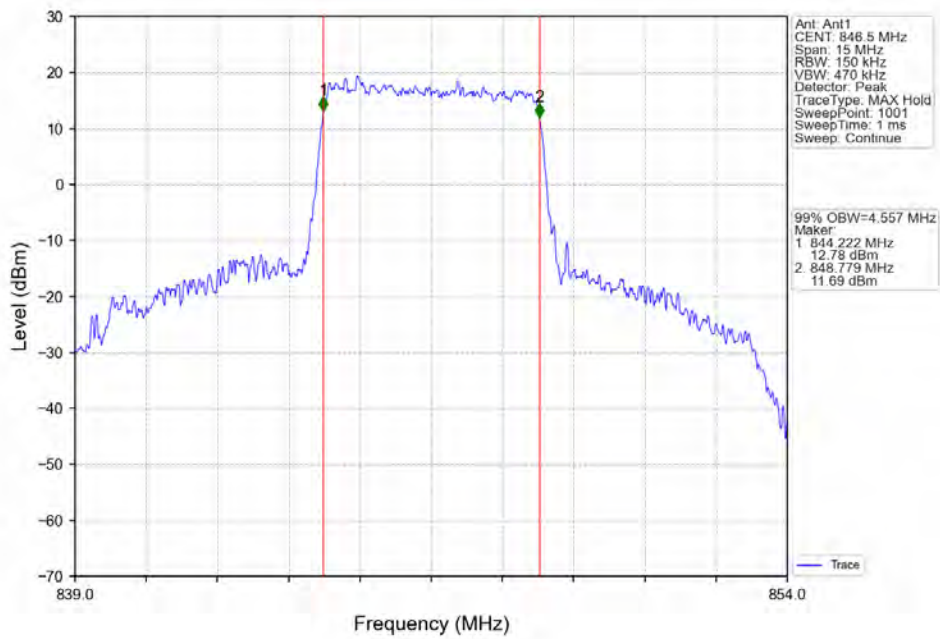


Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

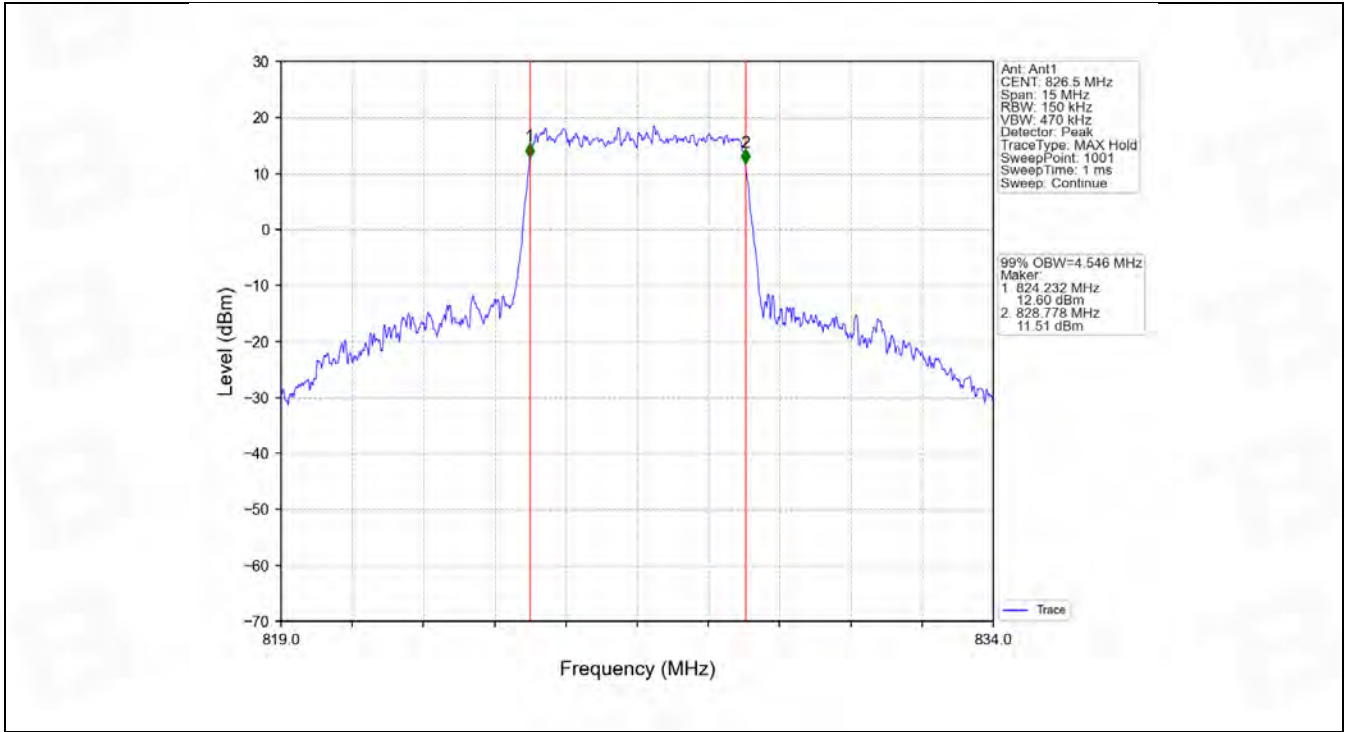




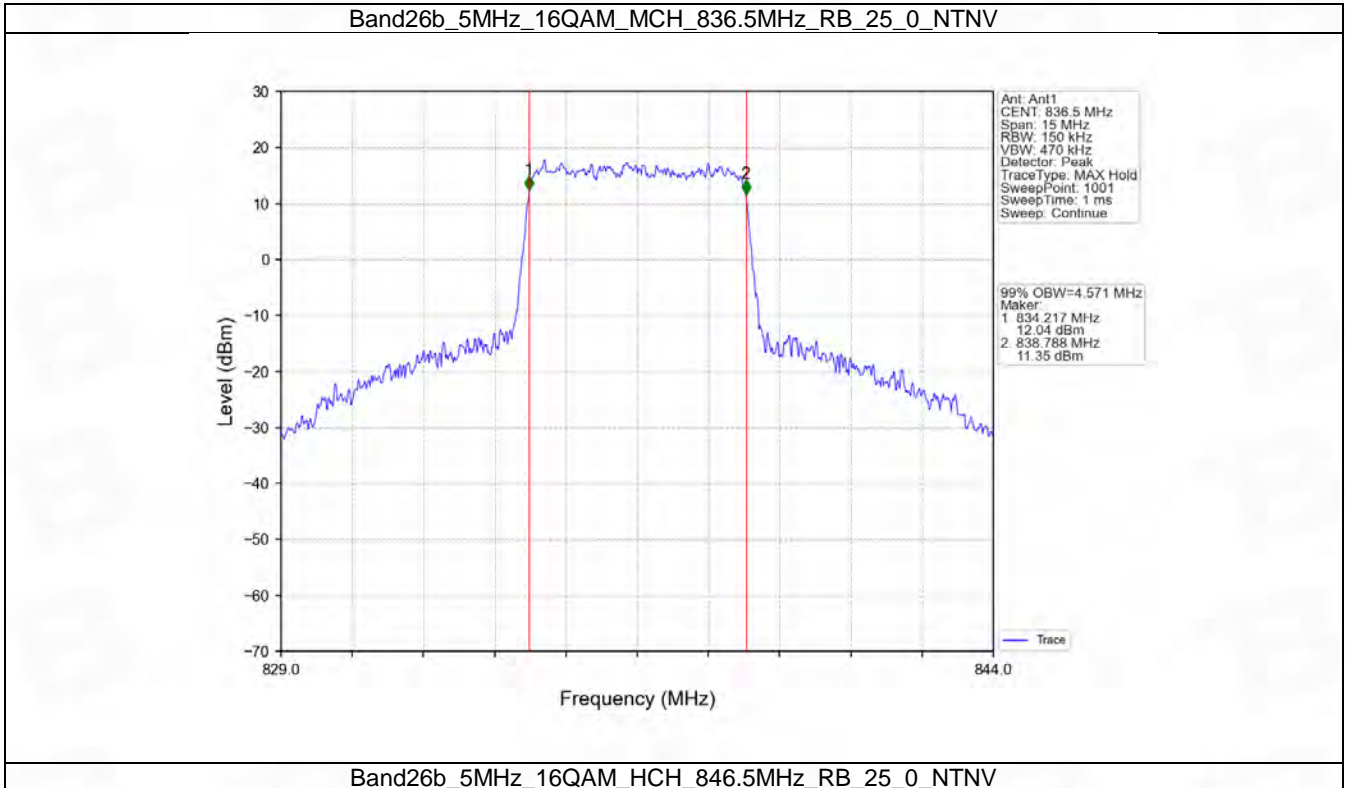
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



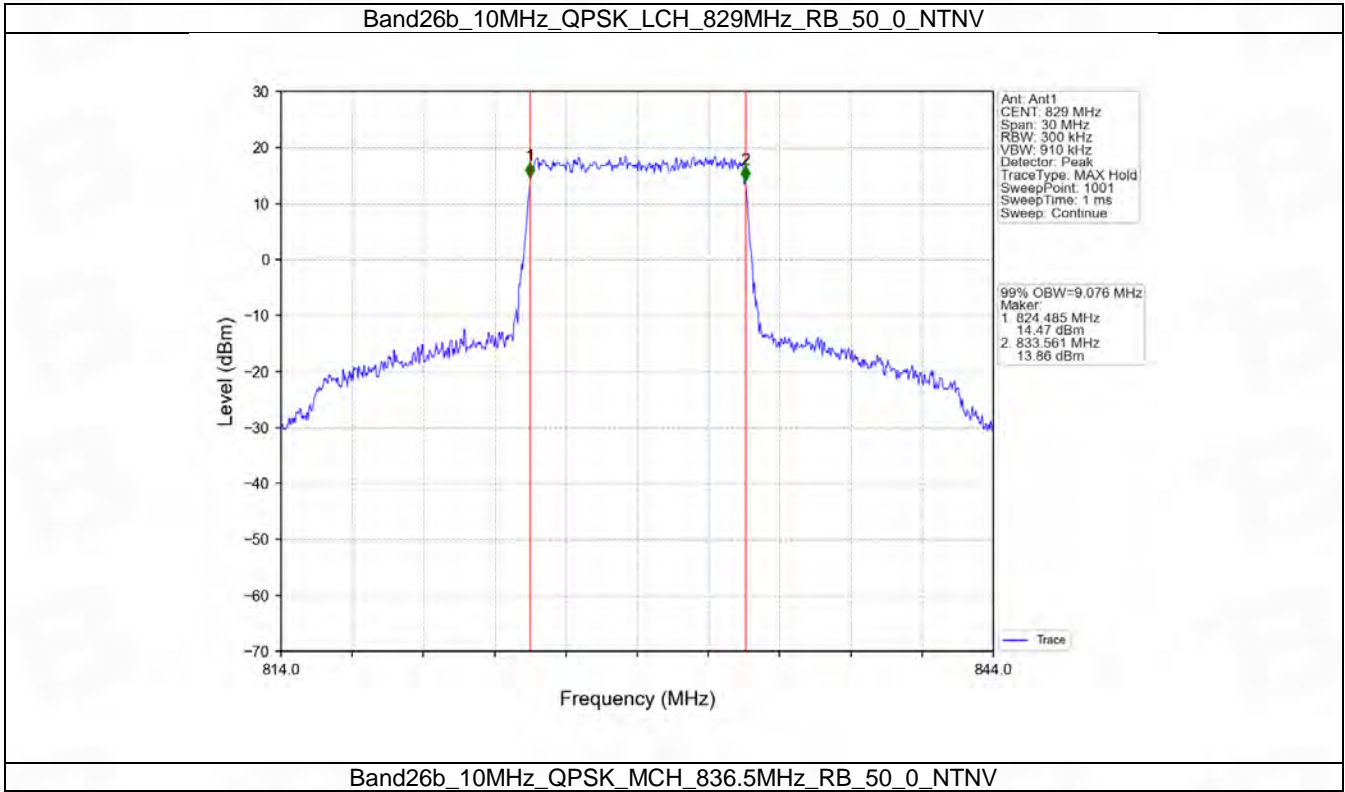
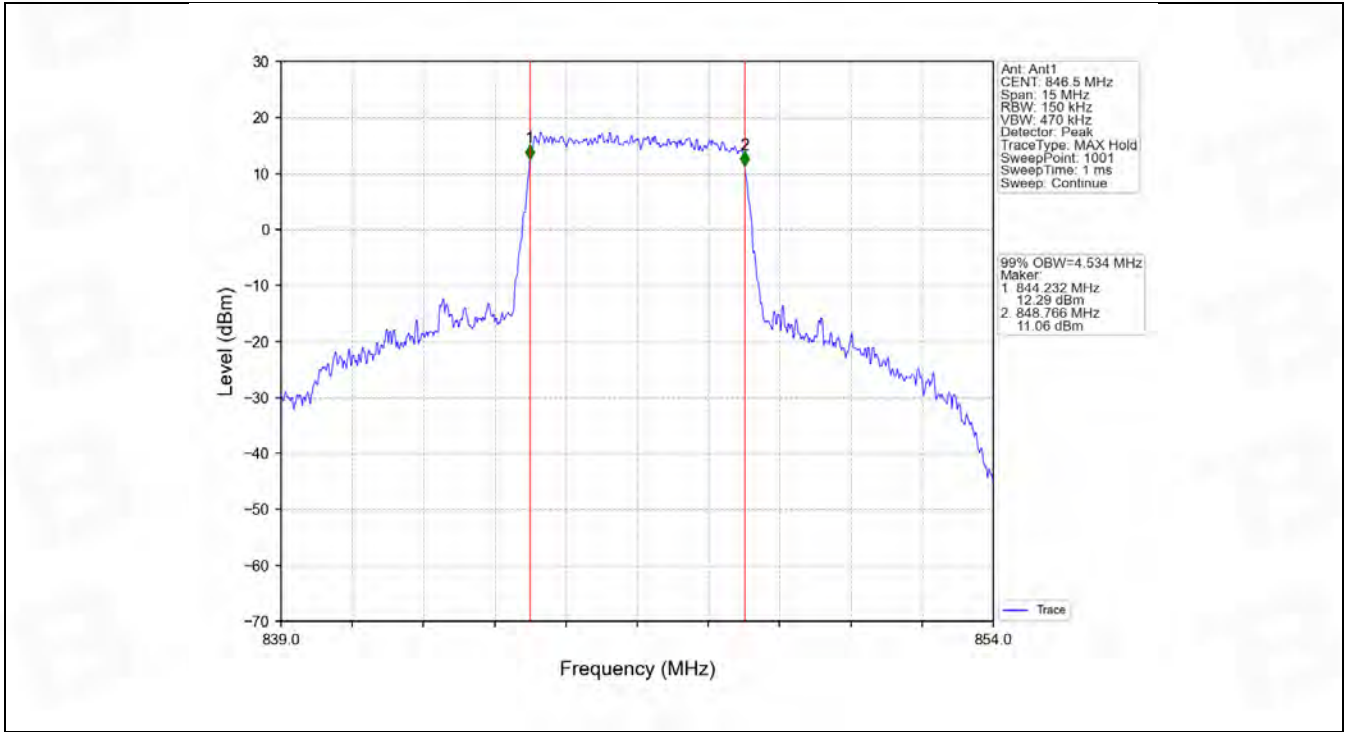
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

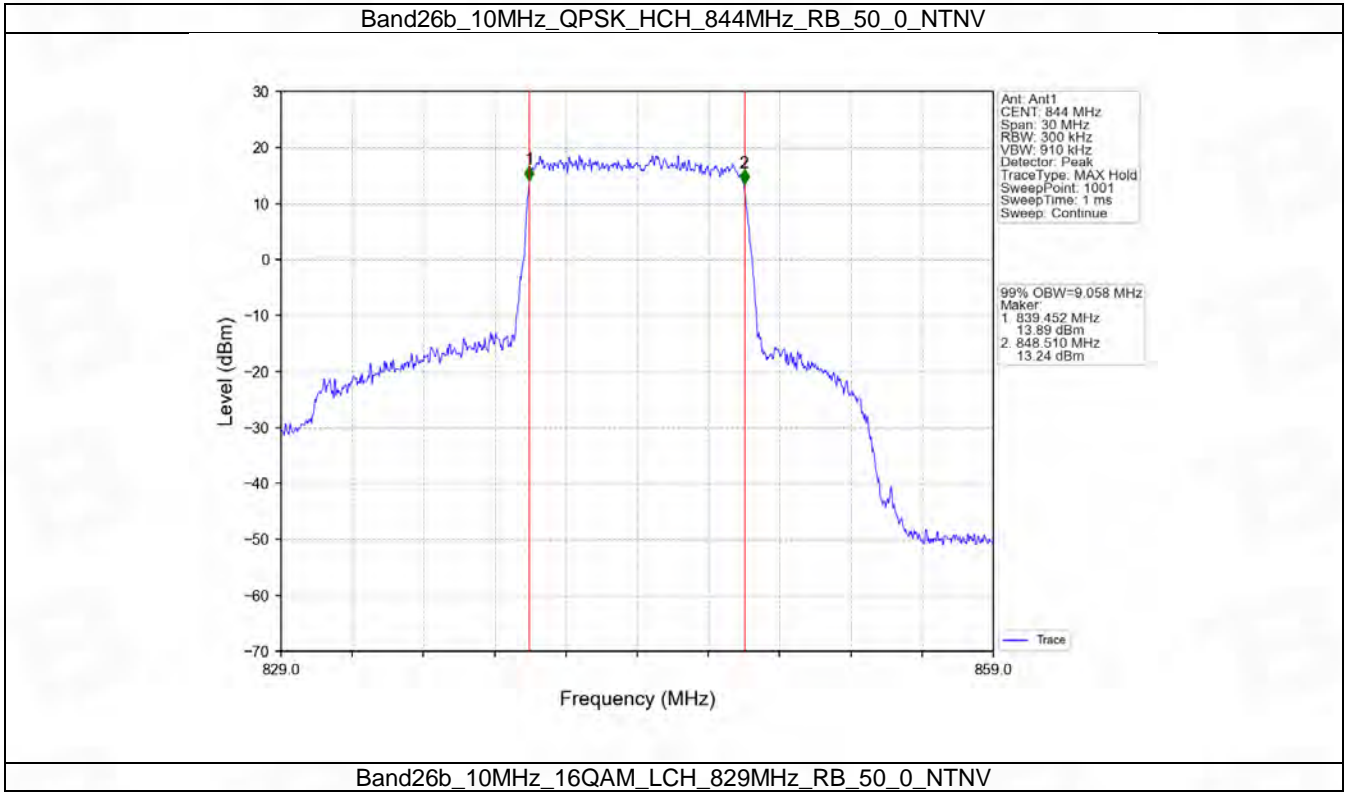
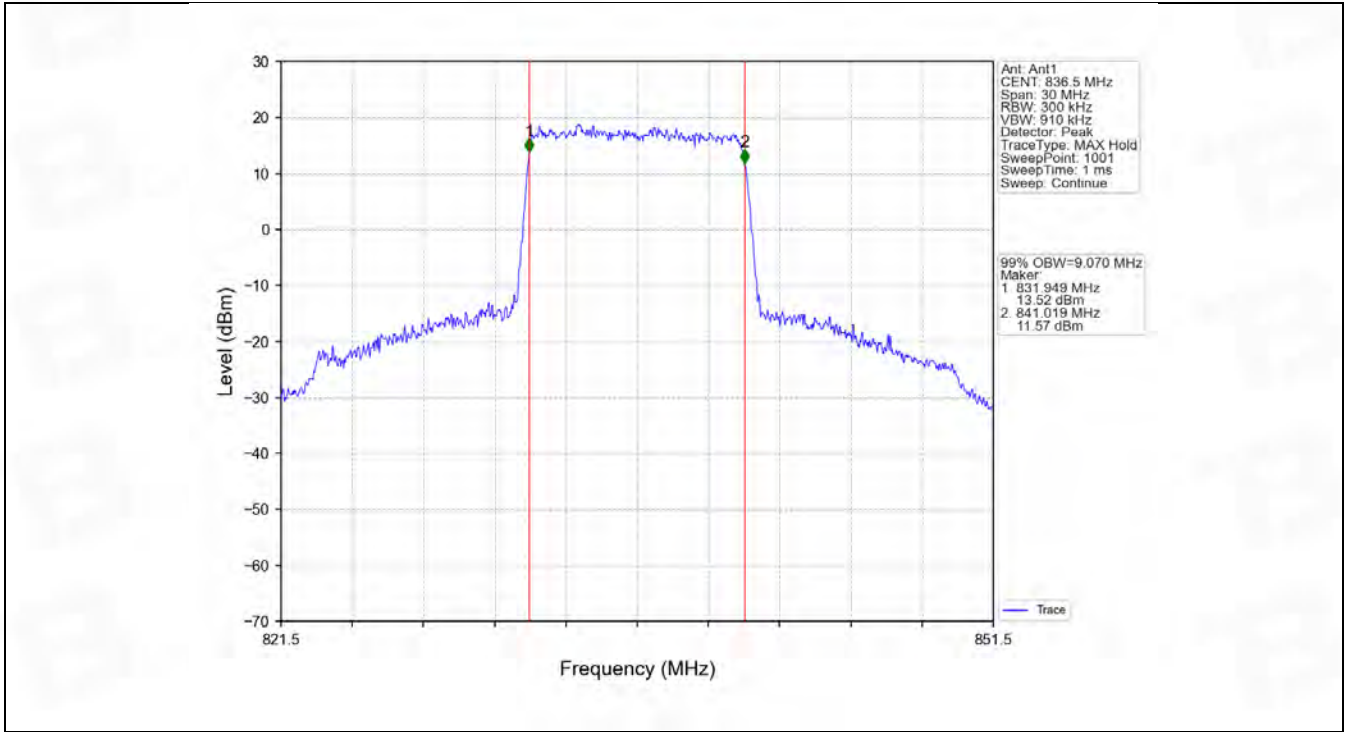


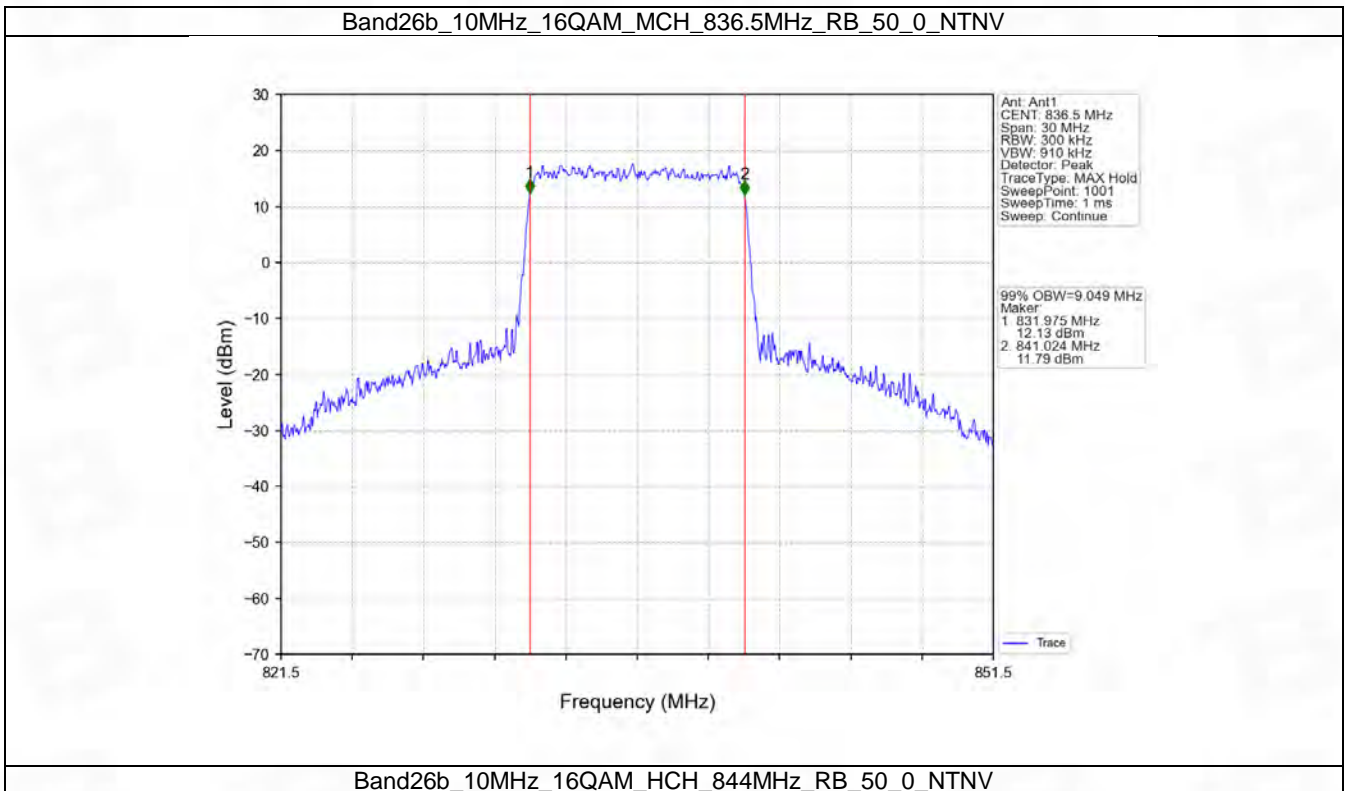
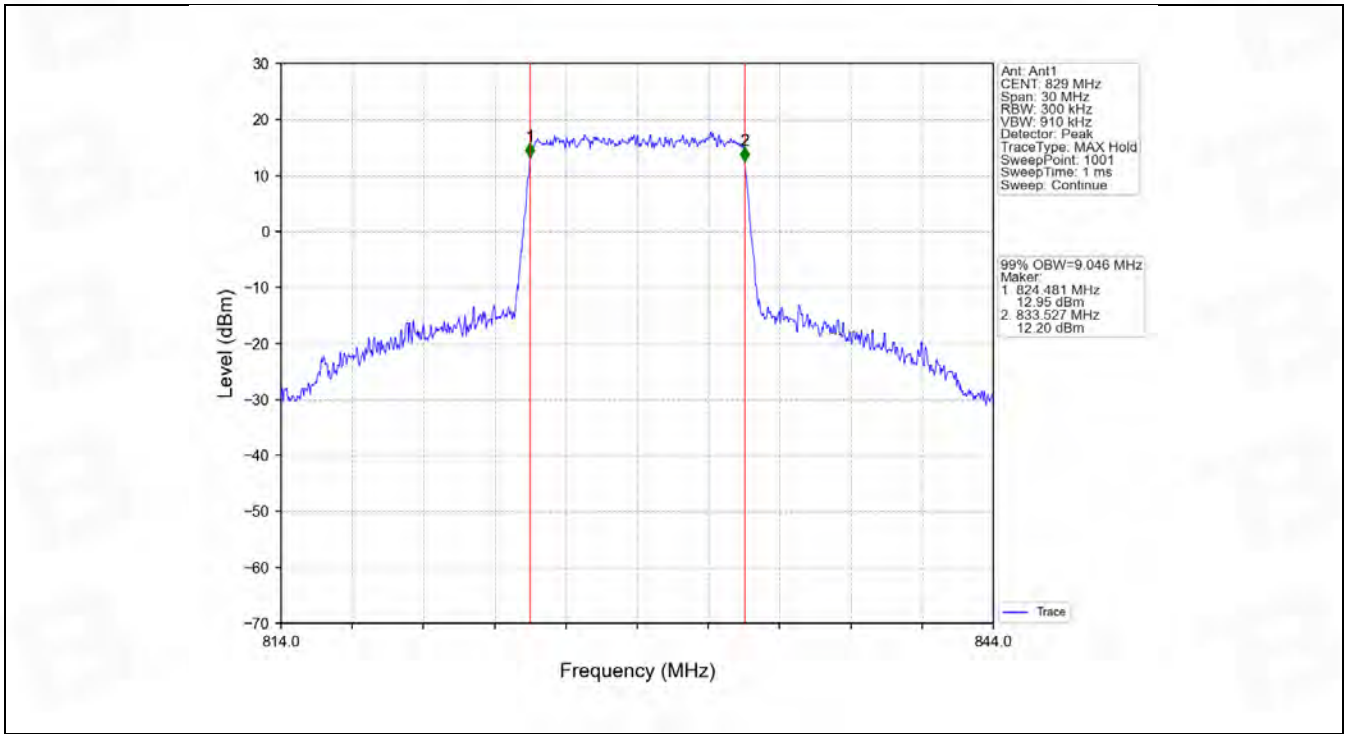
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV

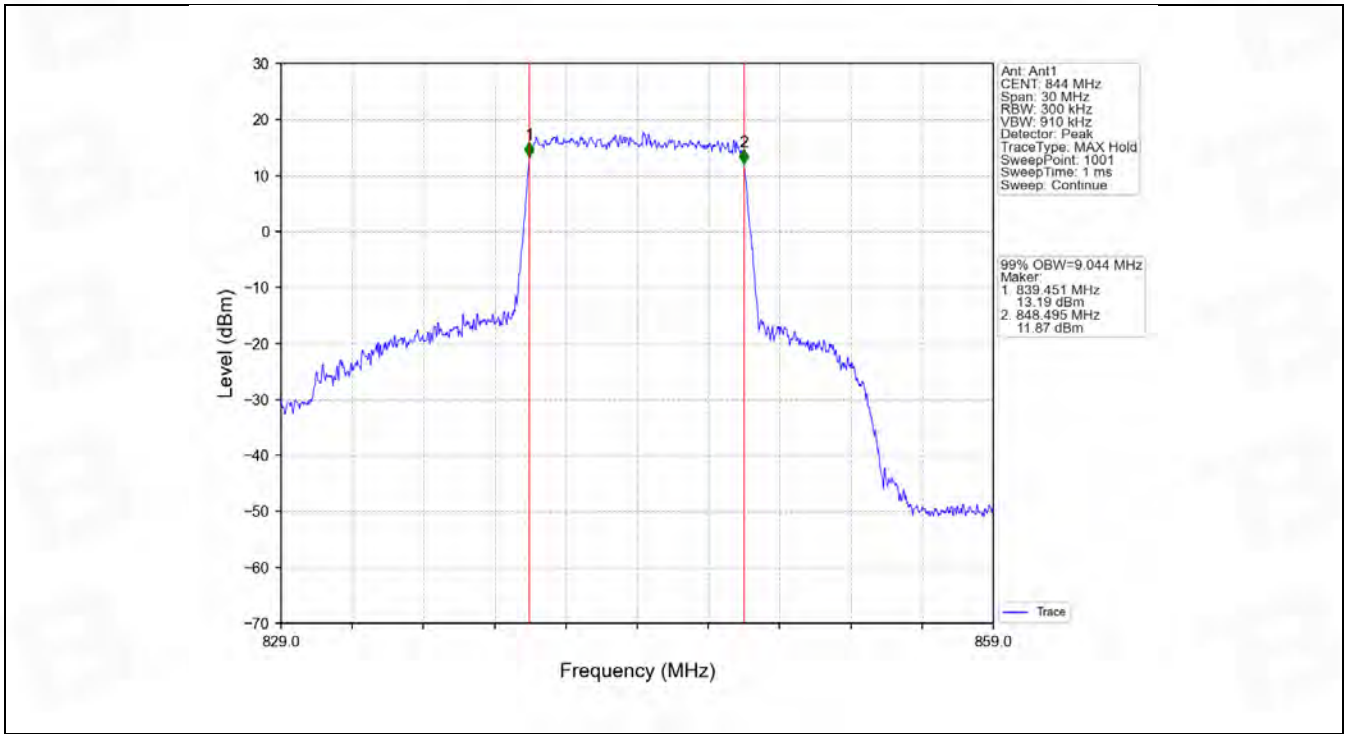


Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV









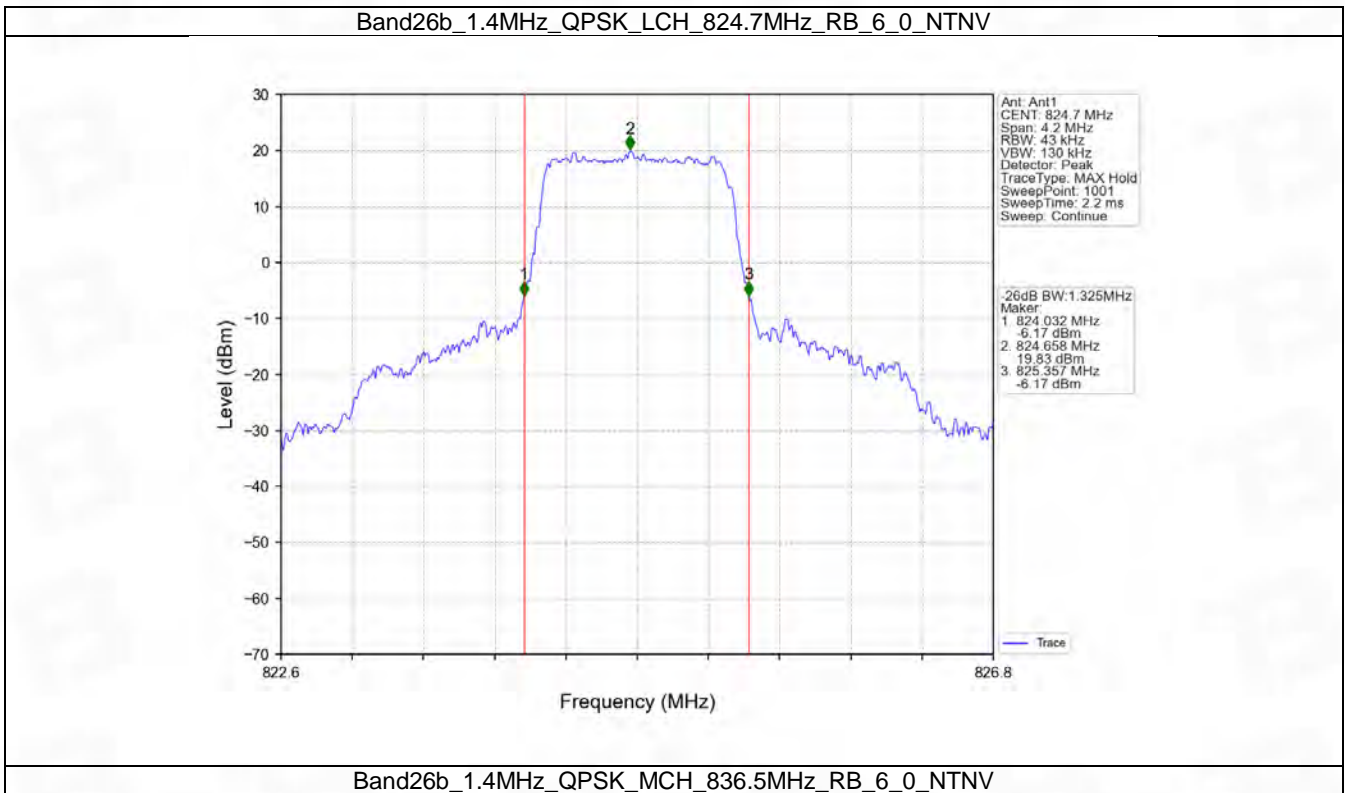
4.2 Band26b_XDB

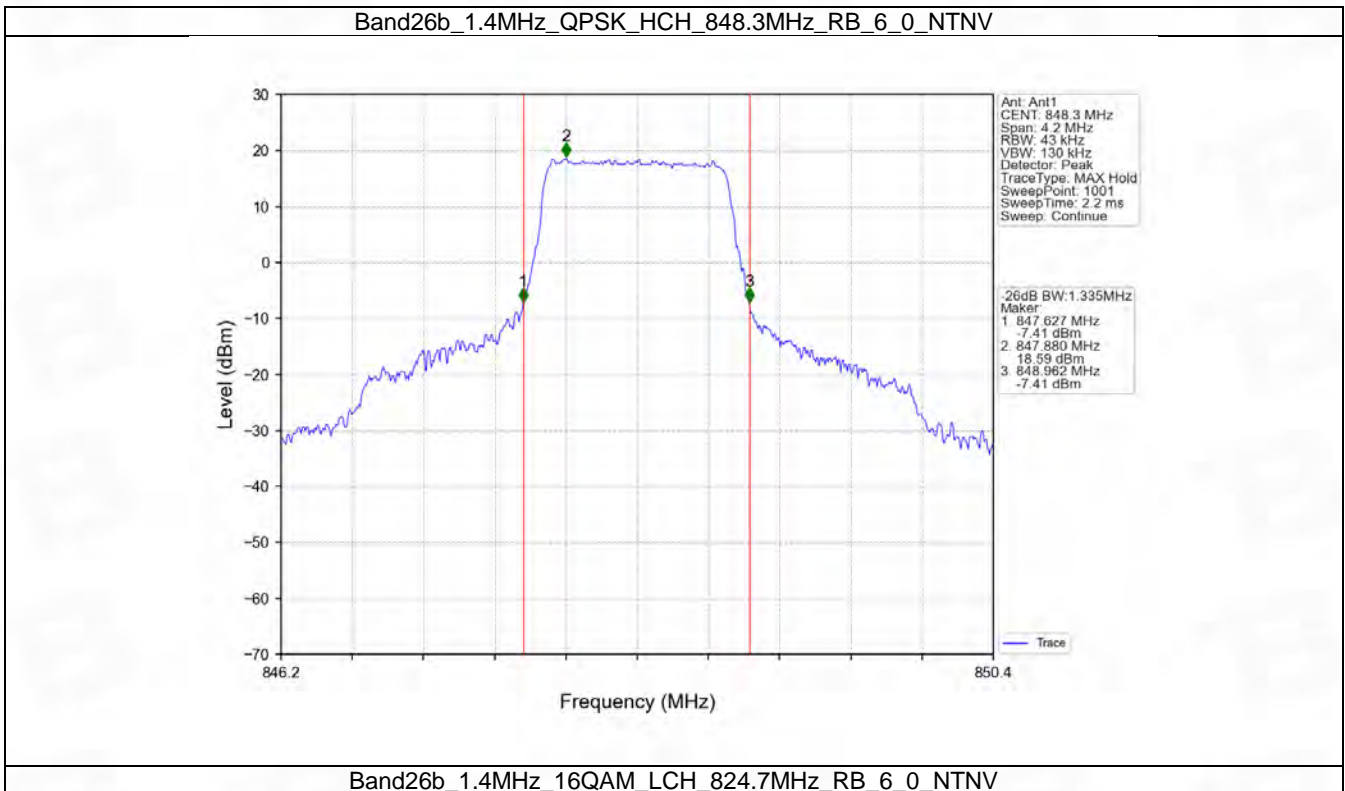
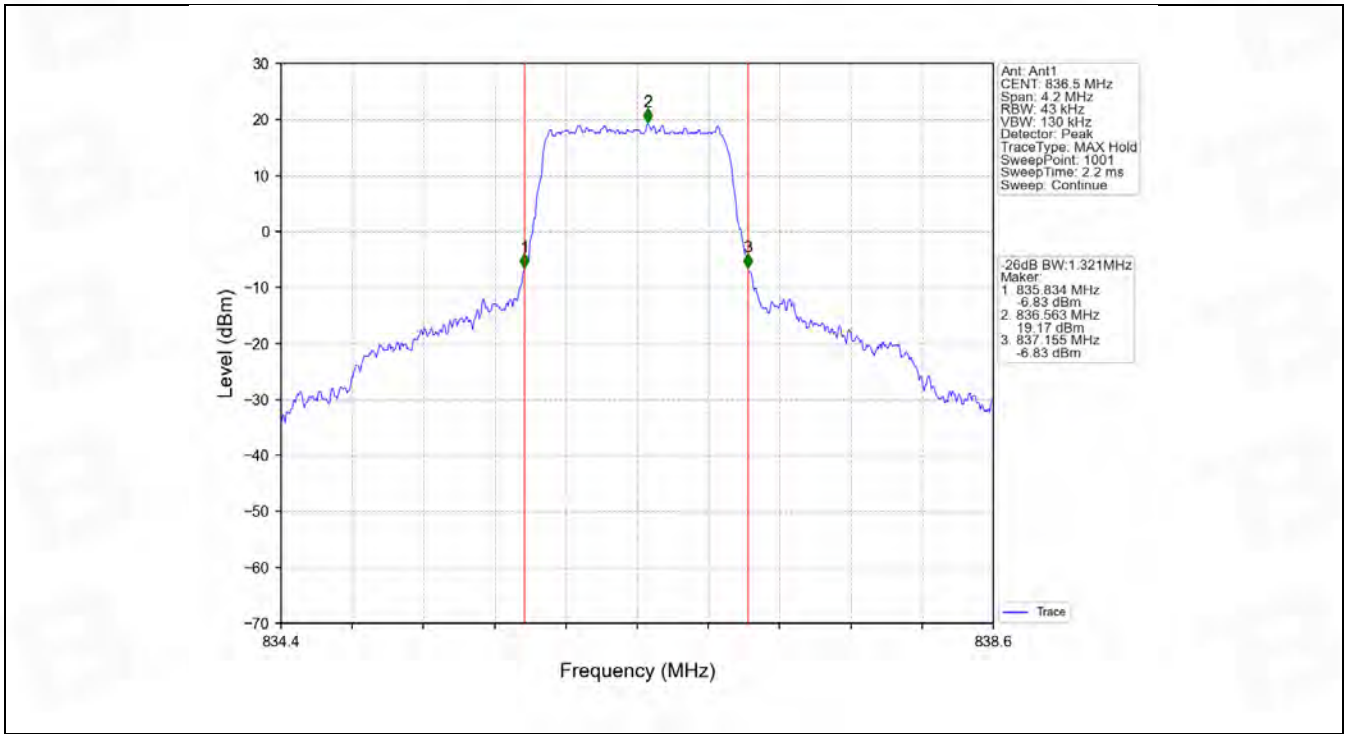
4.2.1 Test Result

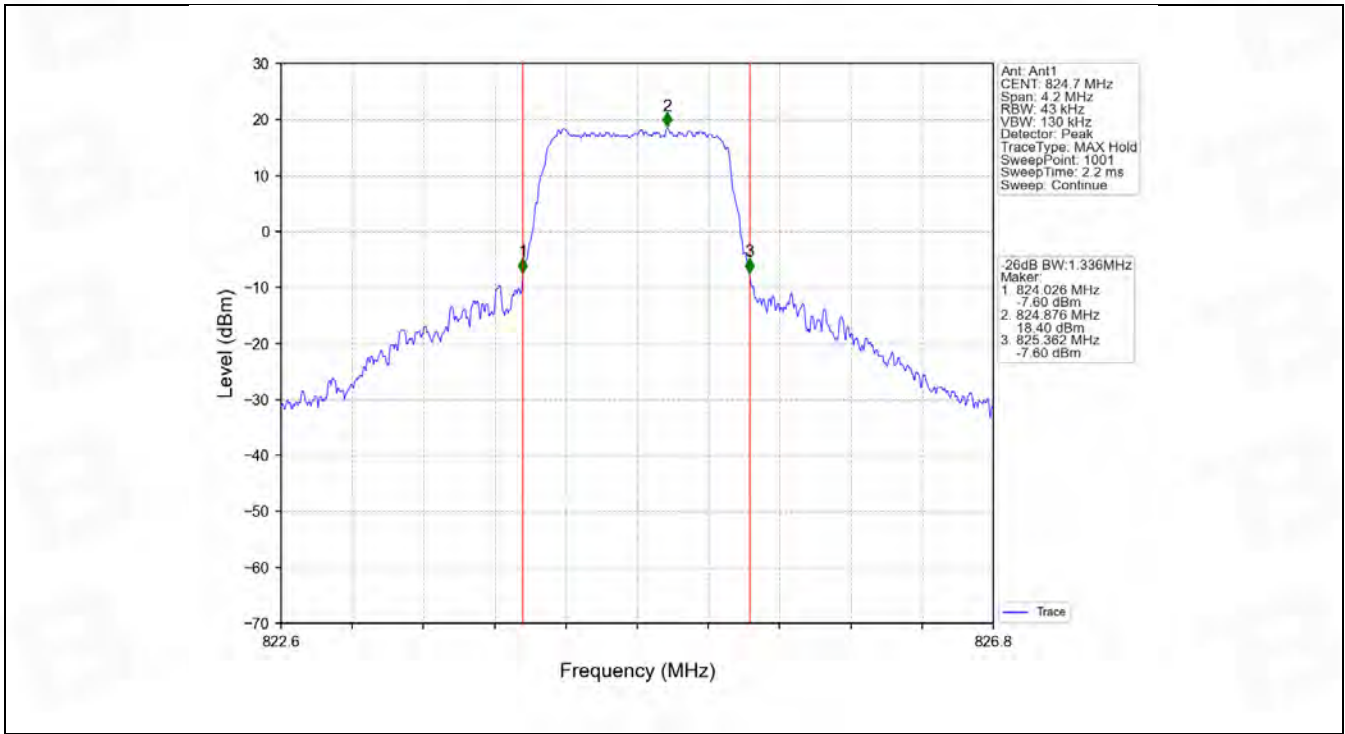
Band: 26b / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	824.7	6	0	1.325	Pass
		836.5	6	0	1.321	Pass
		848.3	6	0	1.335	Pass
	16QAM	824.7	6	0	1.336	Pass
		836.5	6	0	1.300	Pass
		848.3	6	0	1.322	Pass
3	QPSK	825.5	15	0	3.026	Pass
		836.5	15	0	3.013	Pass
		847.5	15	0	3.035	Pass
	16QAM	825.5	15	0	3.041	Pass
		836.5	15	0	3.002	Pass
		847.5	15	0	3.017	Pass
5	QPSK	826.5	25	0	5.046	Pass
		836.5	25	0	5.041	Pass
		846.5	25	0	5.060	Pass
	16QAM	826.5	25	0	5.049	Pass
		836.5	25	0	5.060	Pass
		846.5	25	0	5.060	Pass

		846.5	25	0	5.069	Pass
10	QPSK	829	50	0	10.039	Pass
		836.5	50	0	9.950	Pass
		844	50	0	9.950	Pass
	16QAM	829	50	0	9.954	Pass
		836.5	50	0	9.923	Pass
		844	50	0	9.943	Pass

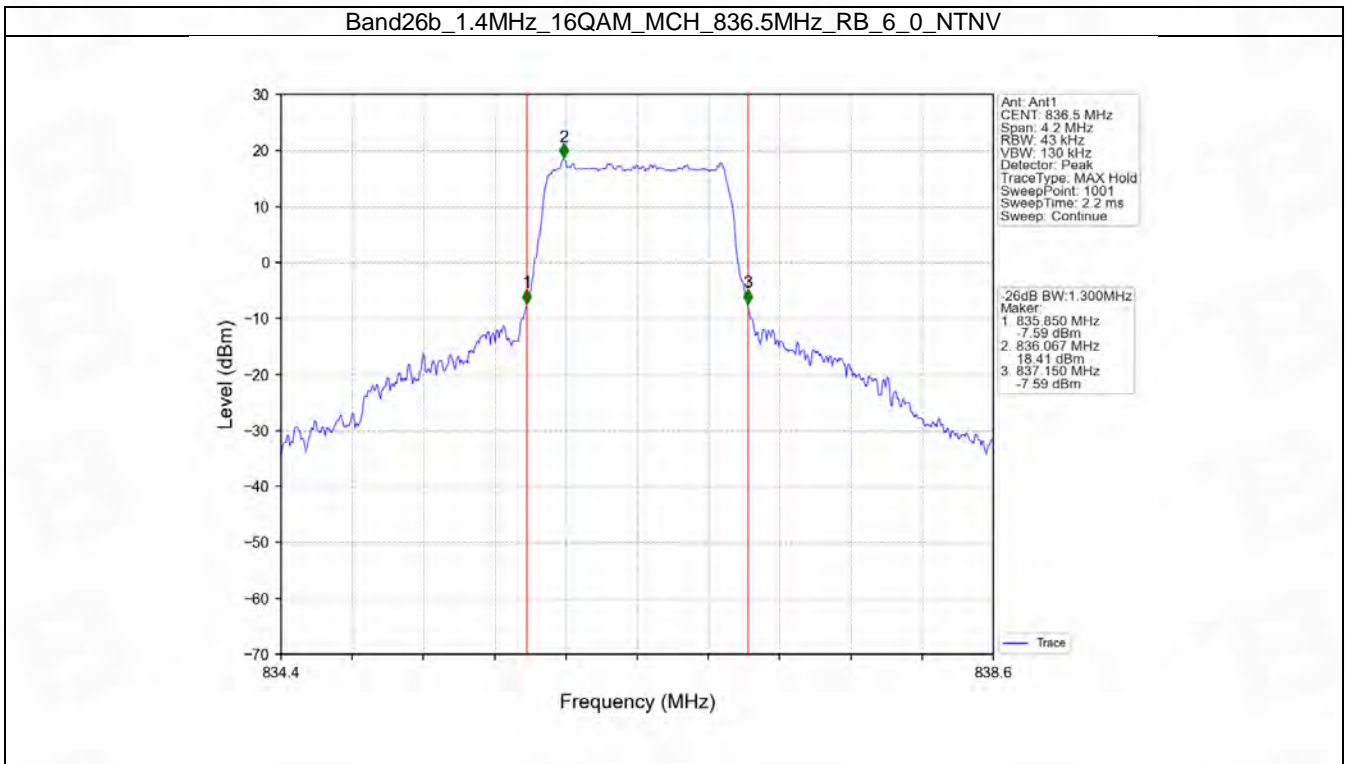
4.2.2 Test Graph



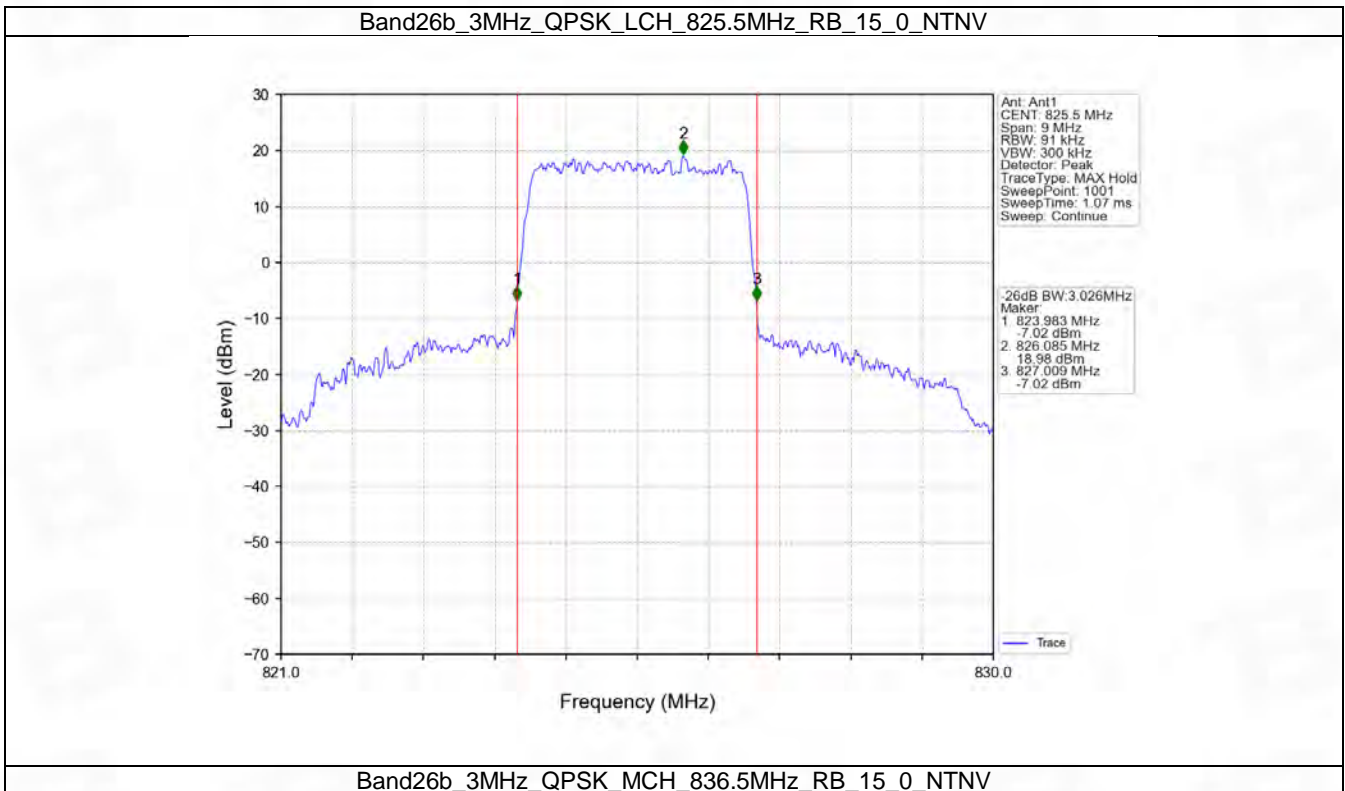
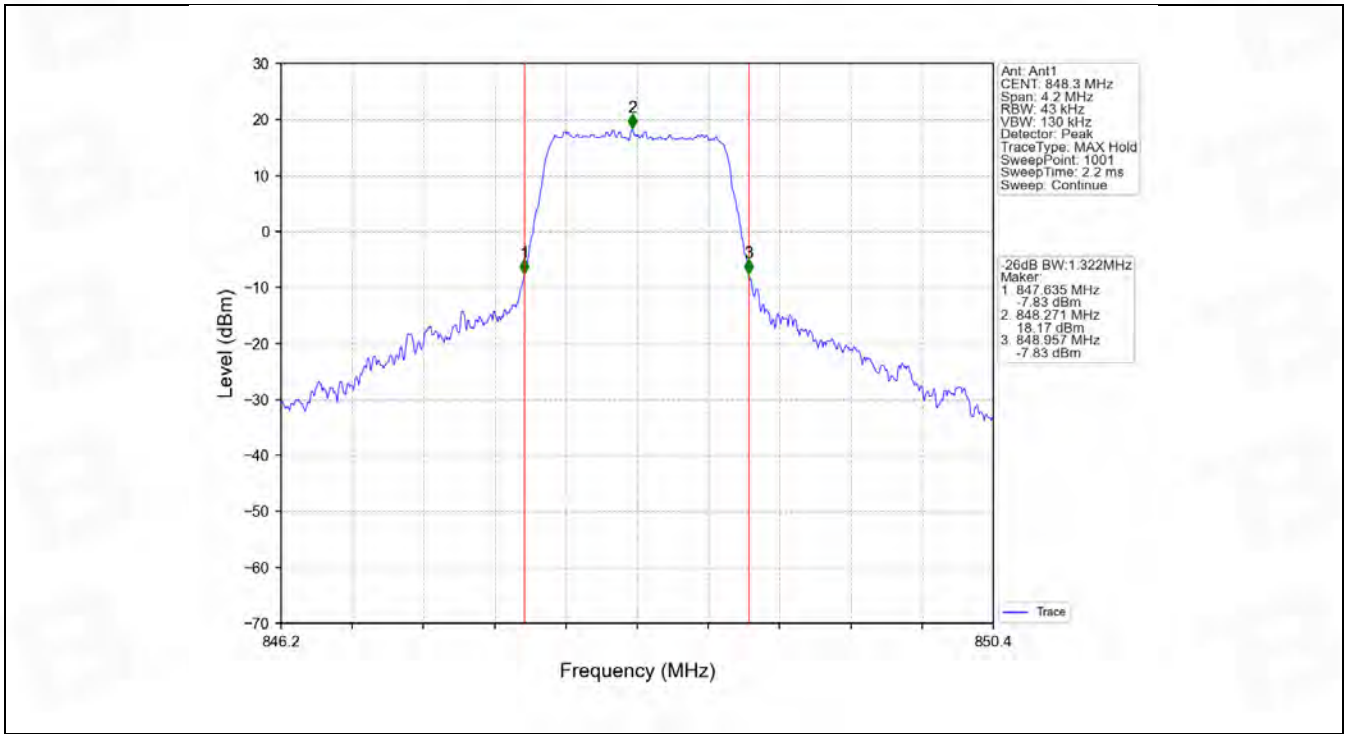


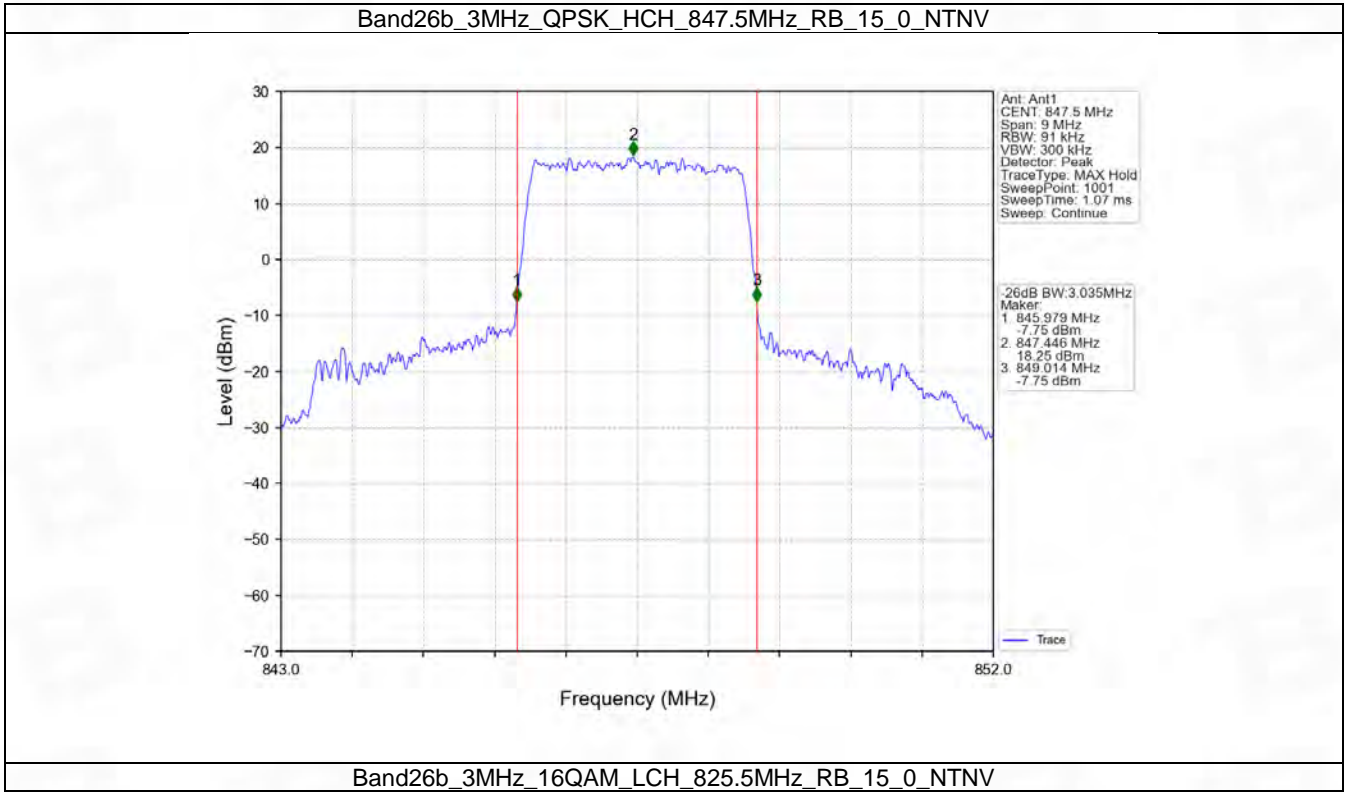
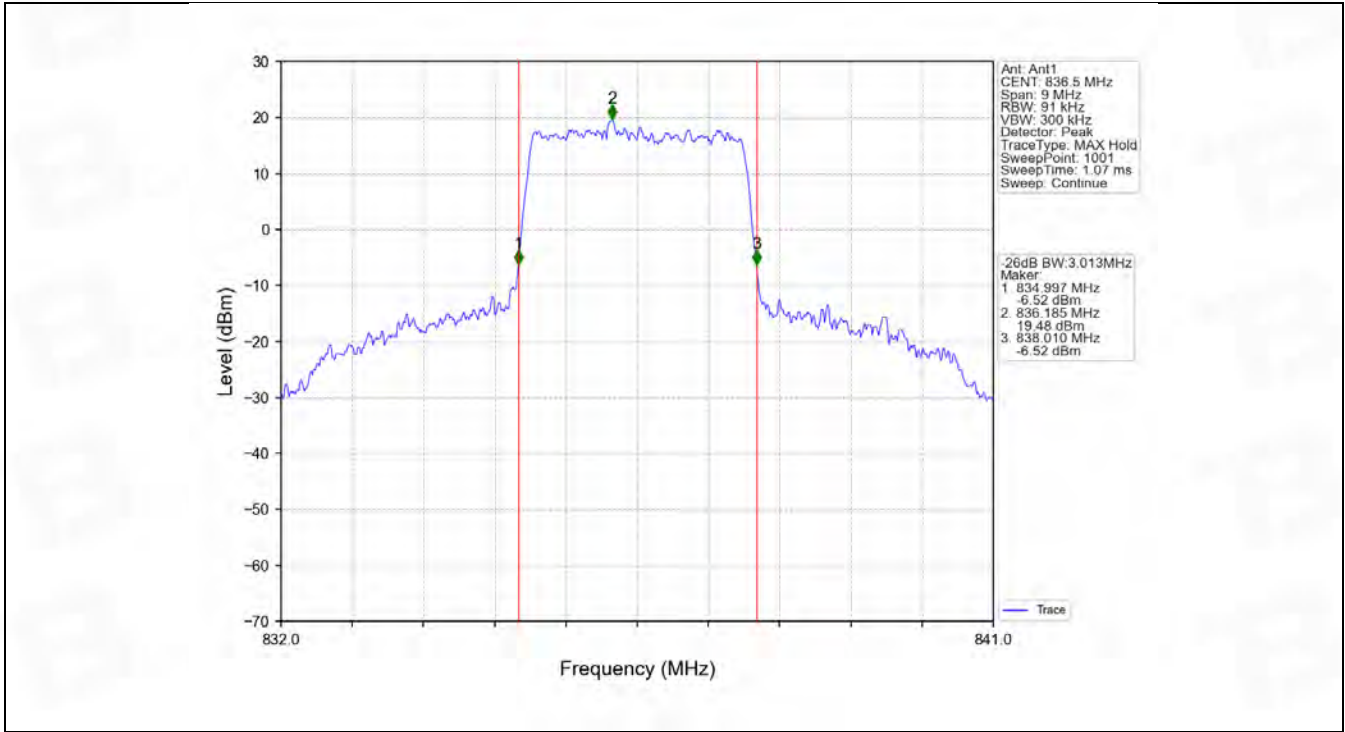


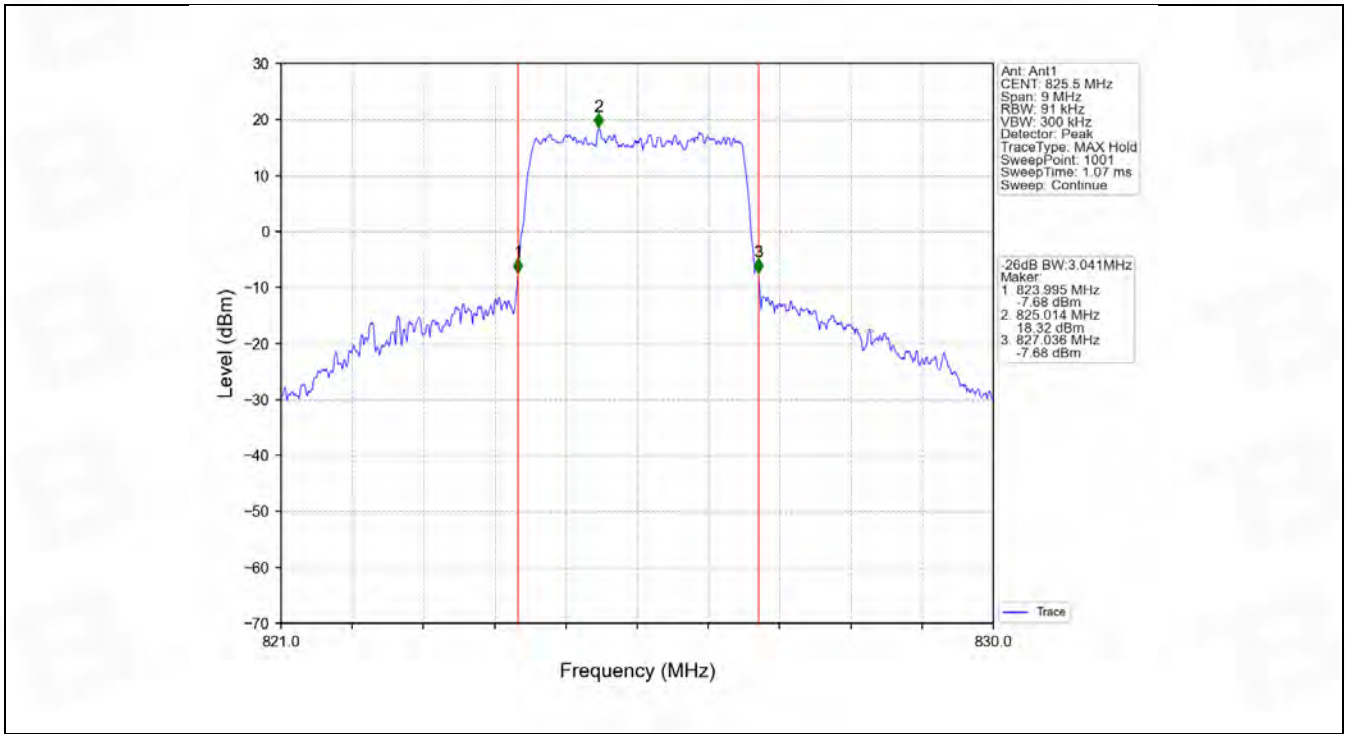
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



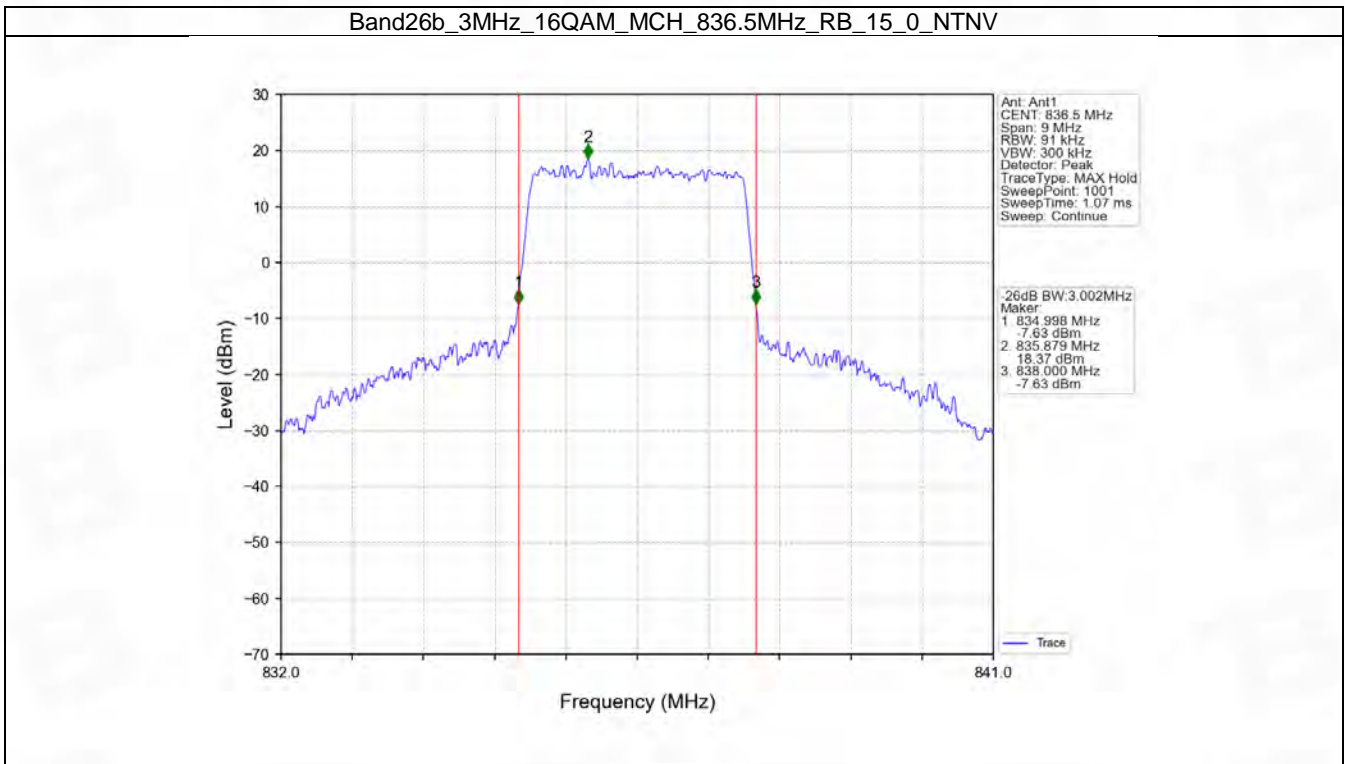
Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



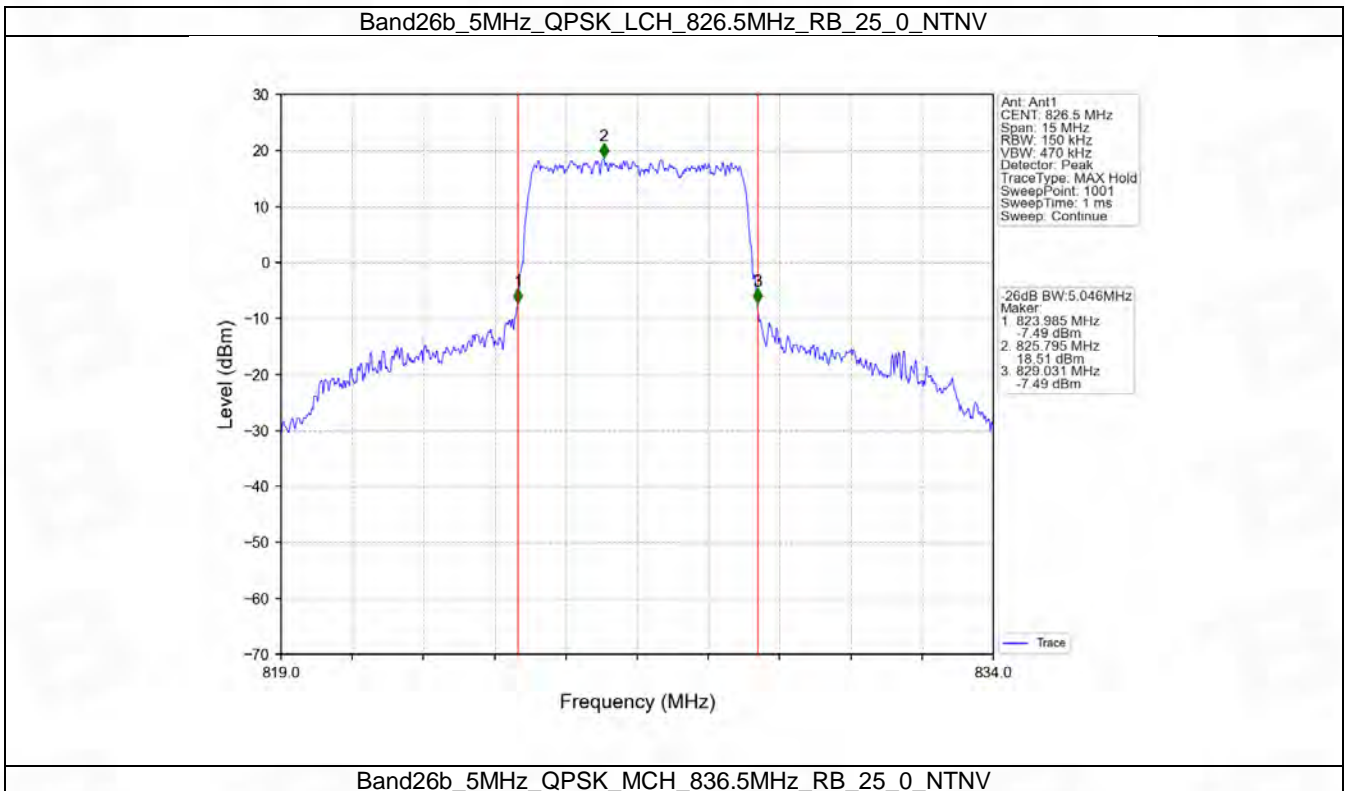
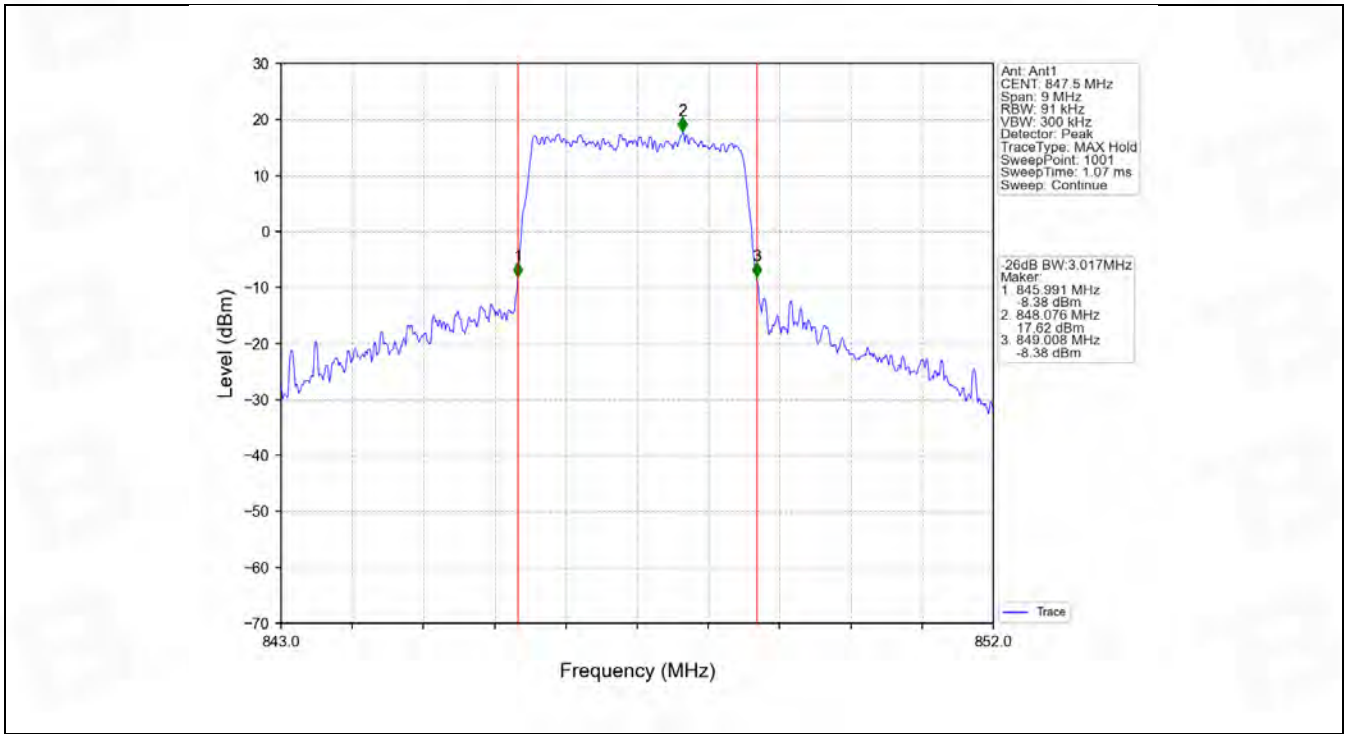


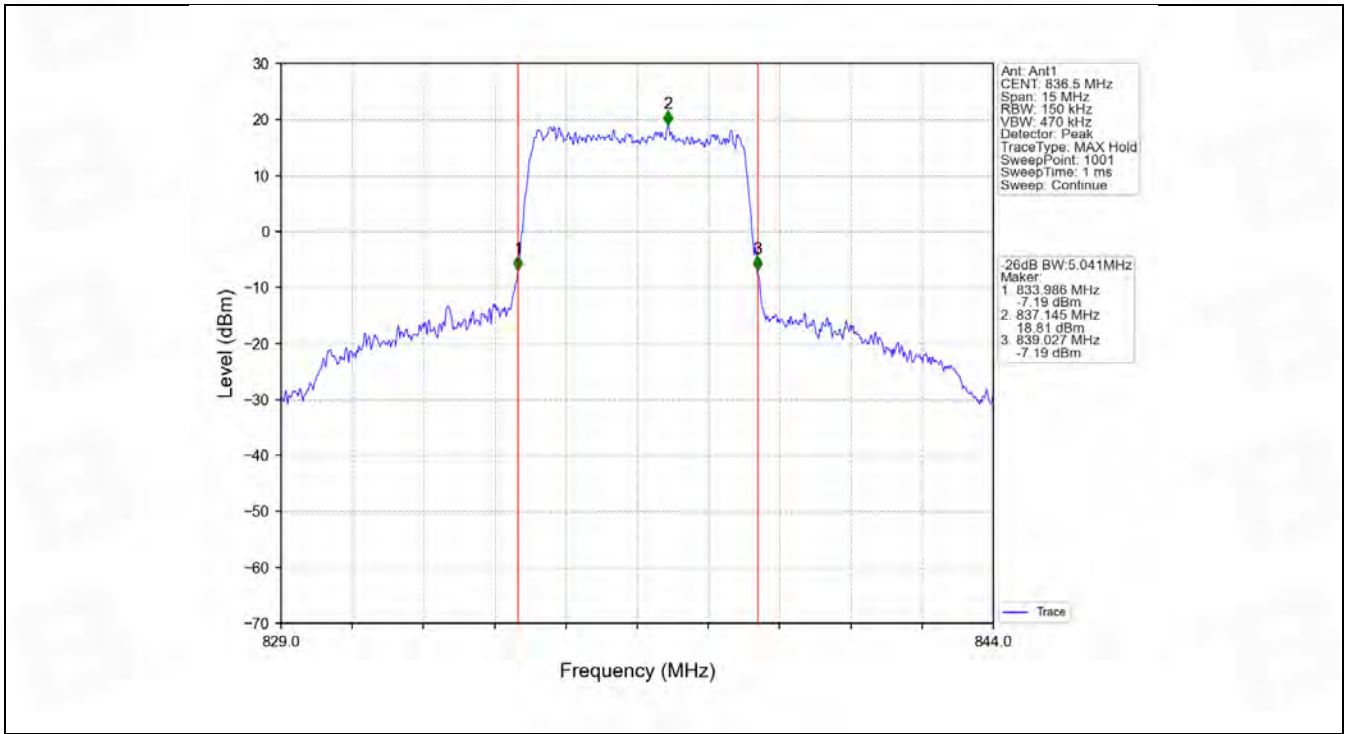


Band26b_3MHz_16QAM_MCH_836.5MHz_RB_15_0_NTNV

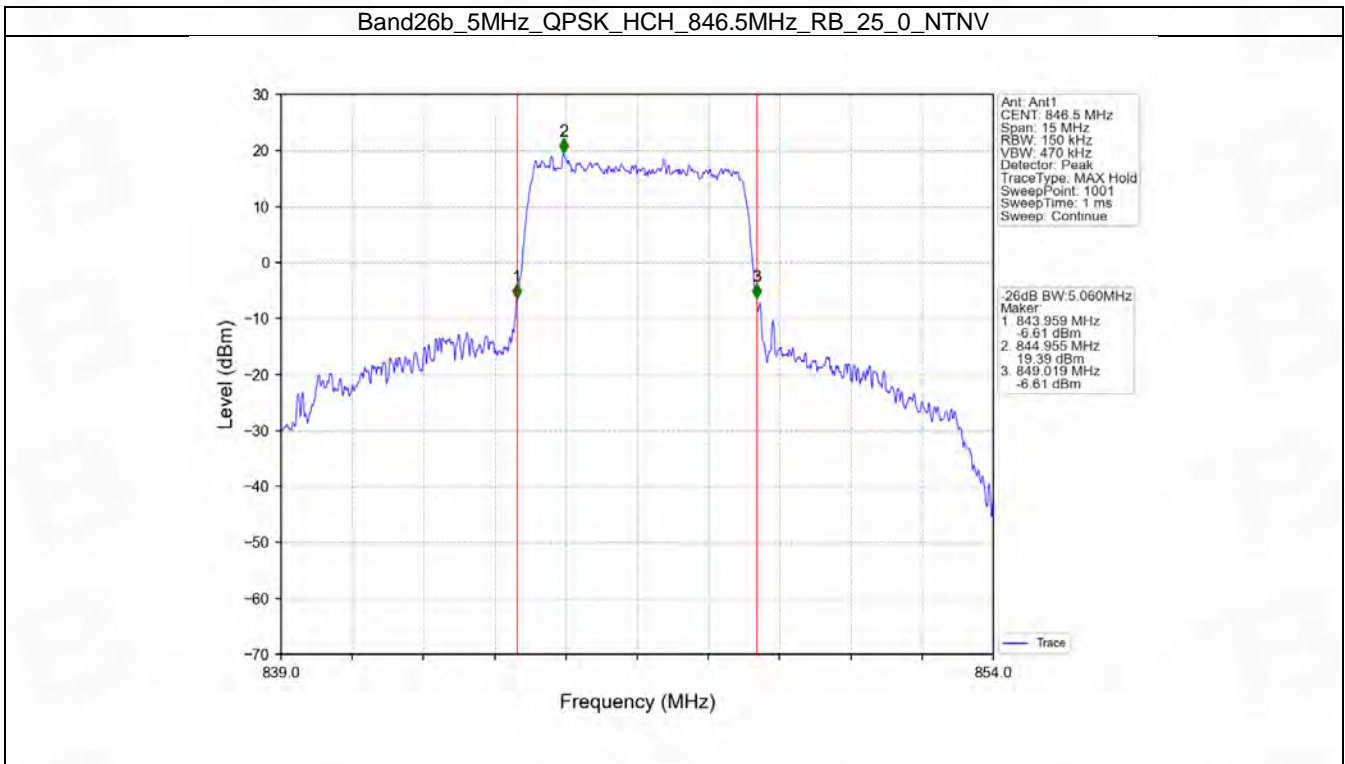


Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

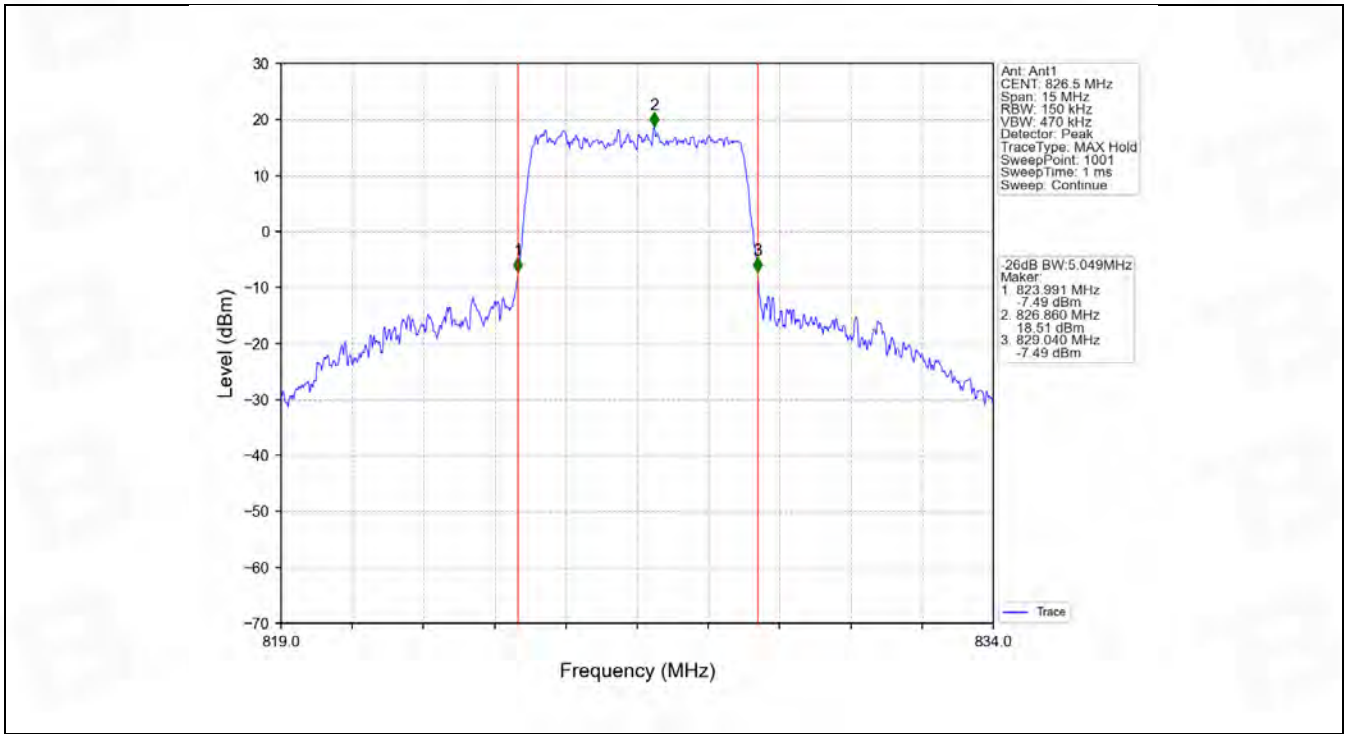




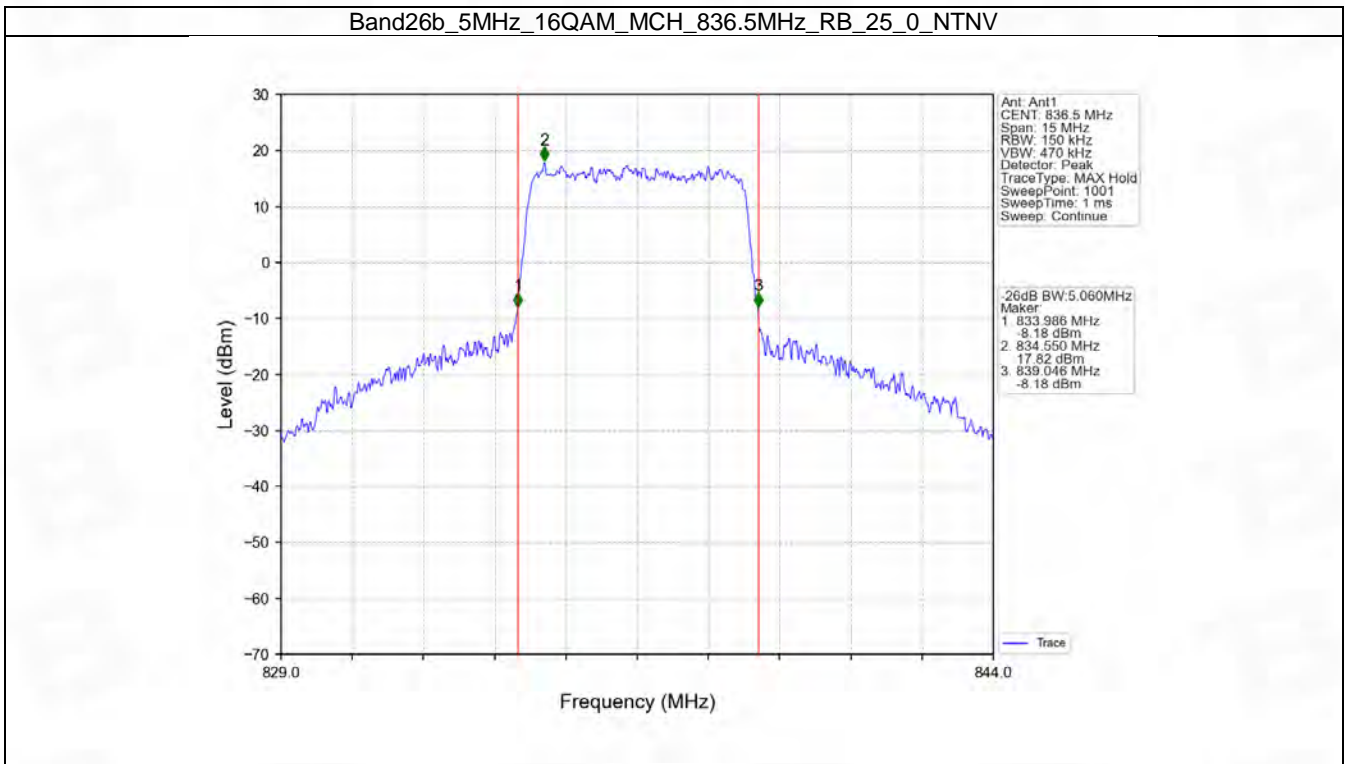
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



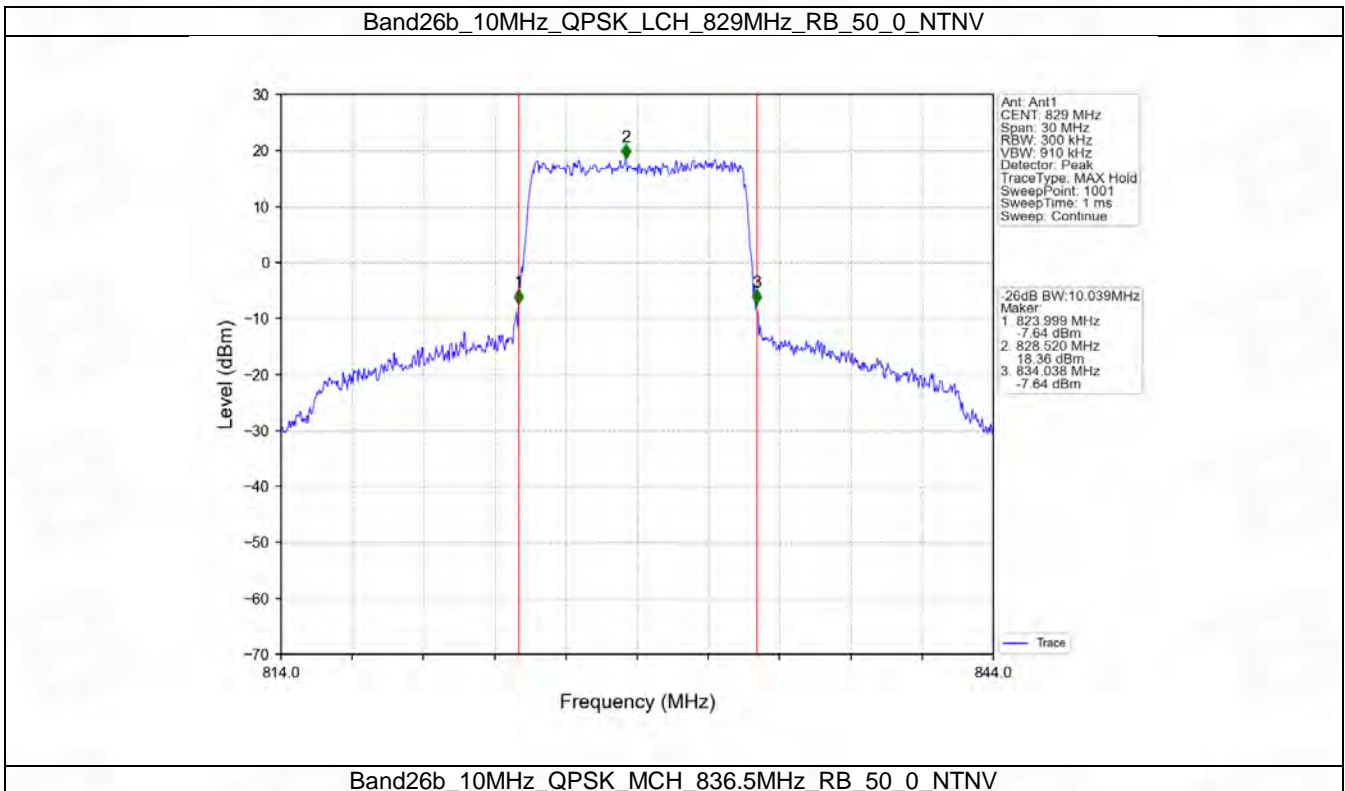
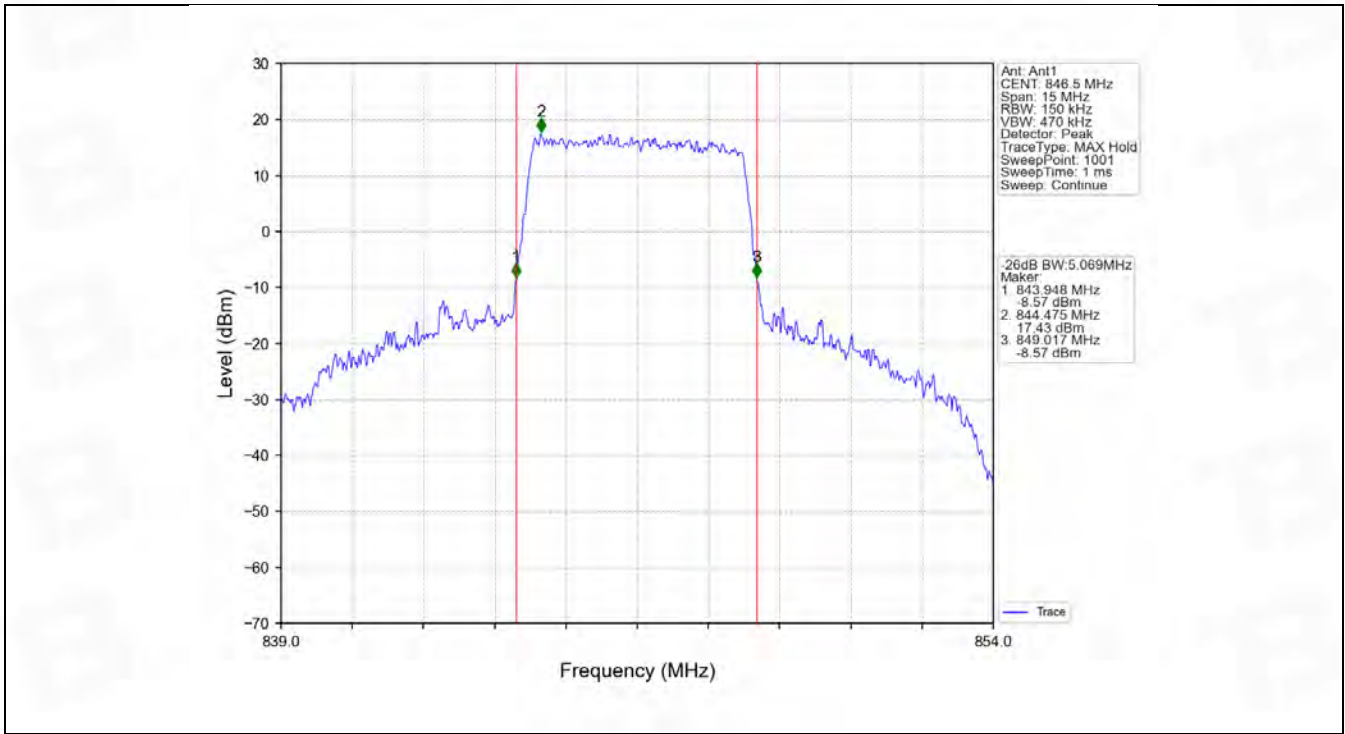
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

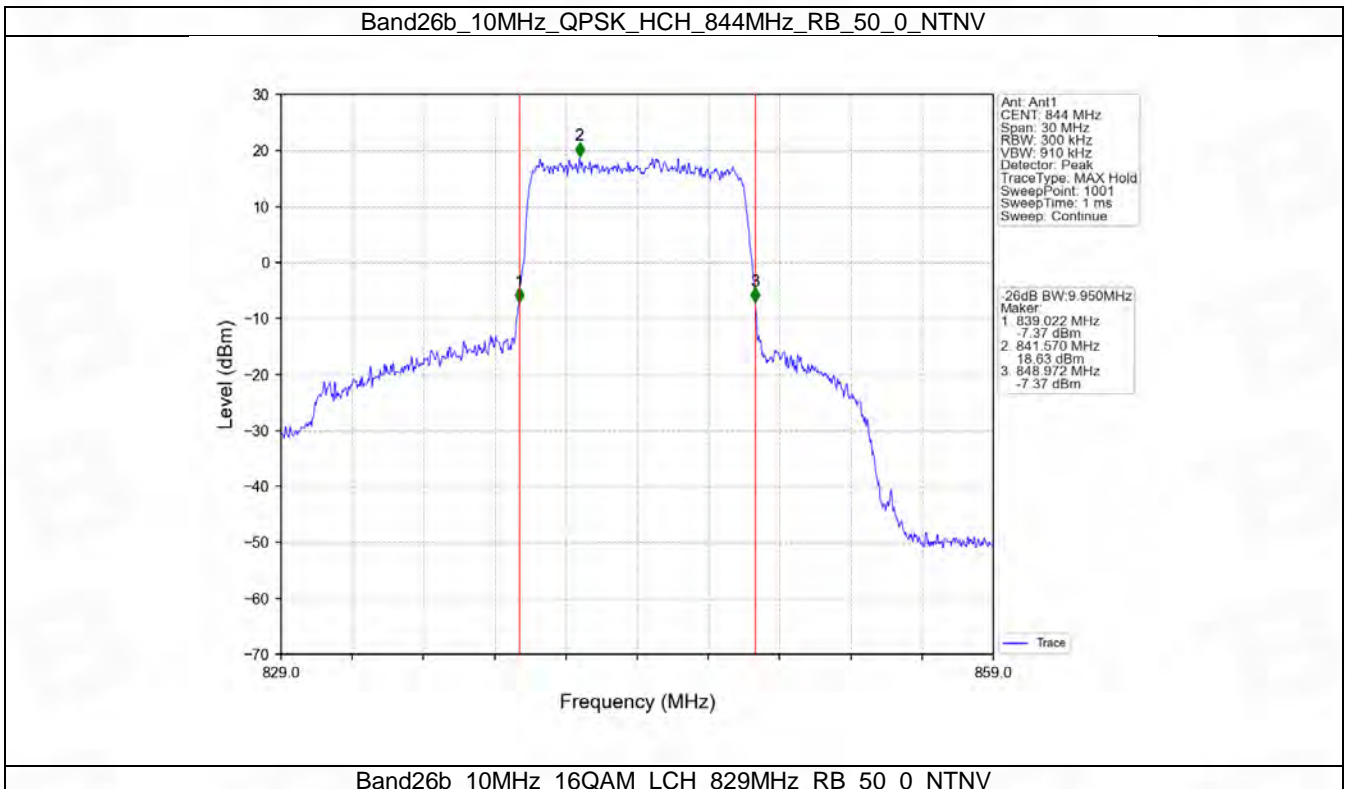
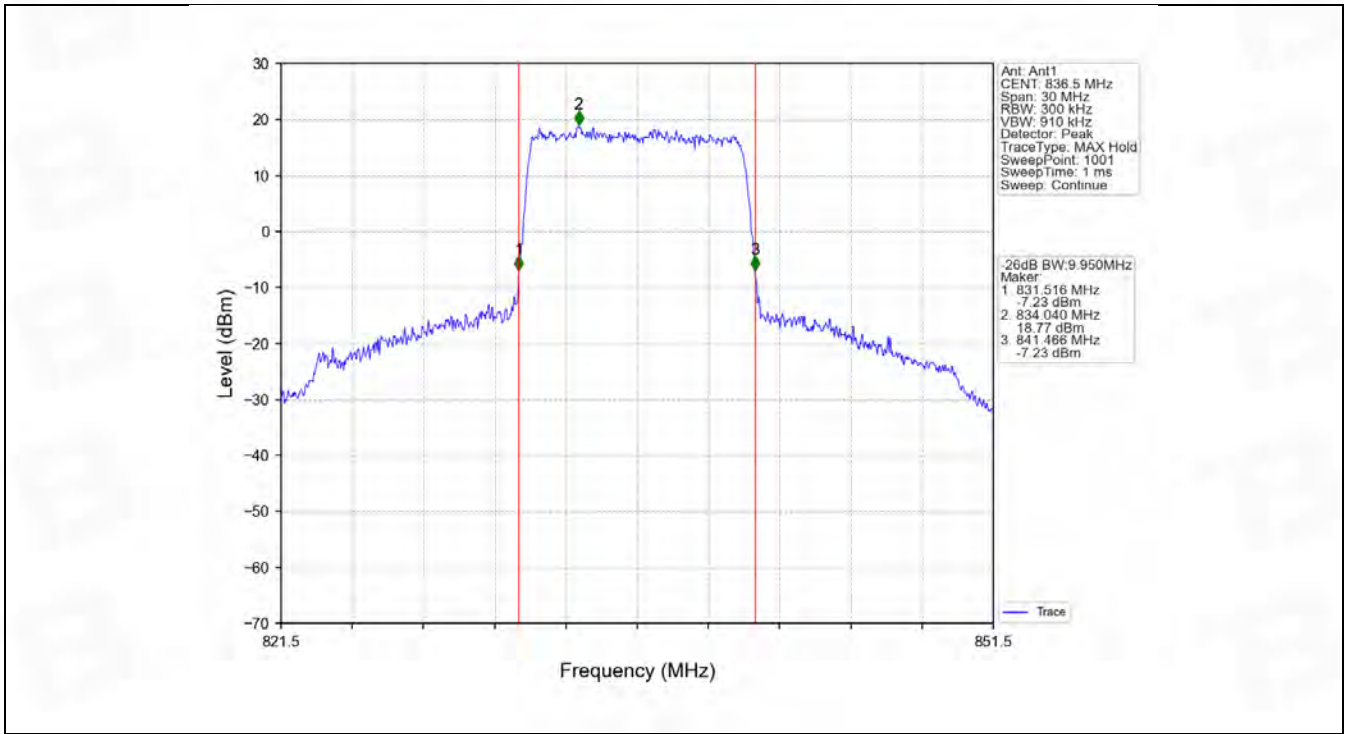


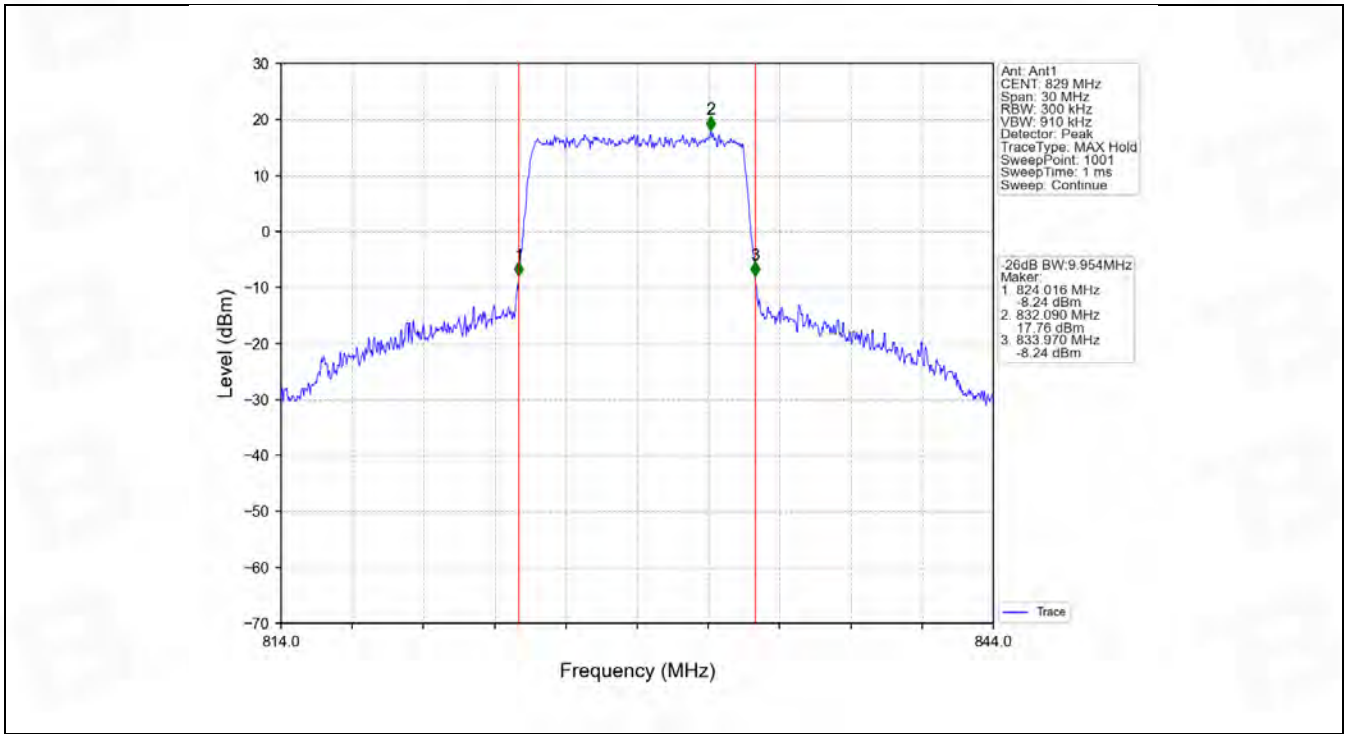
Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



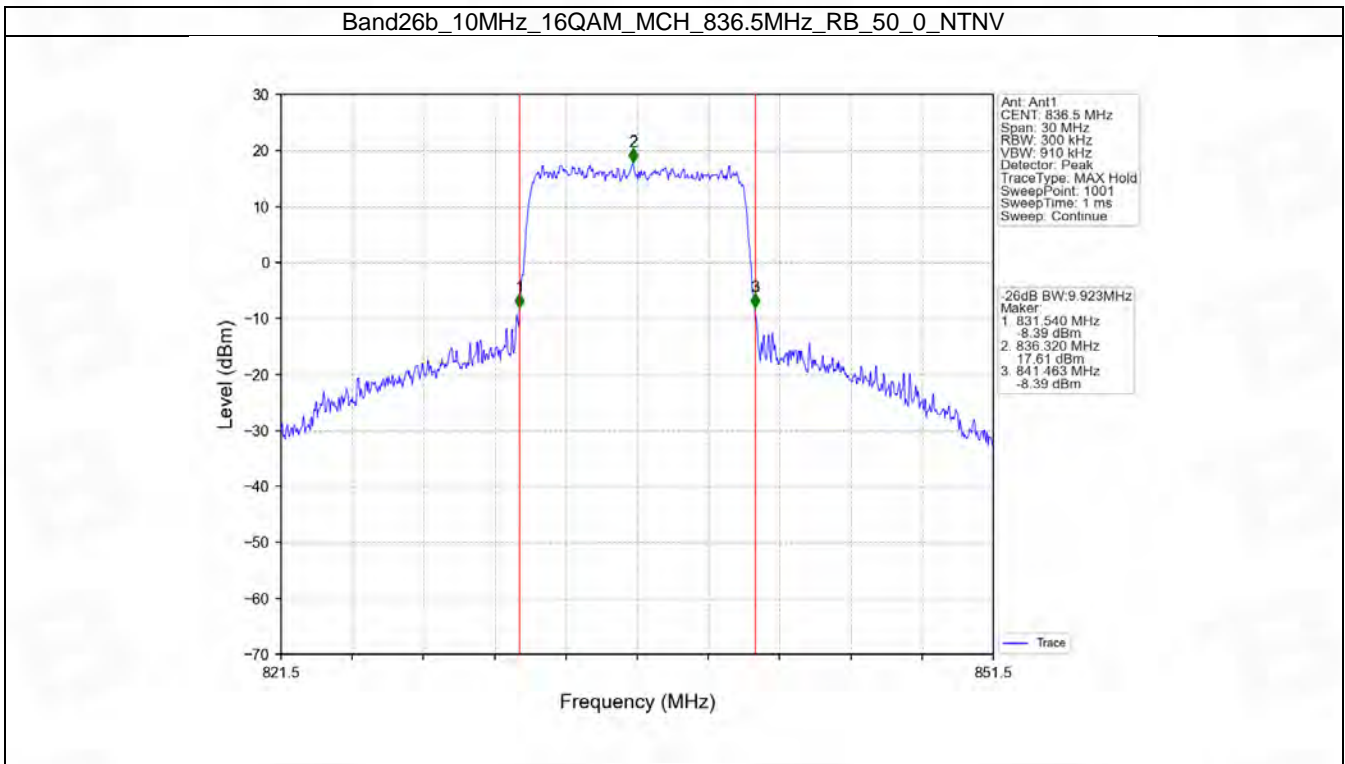
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



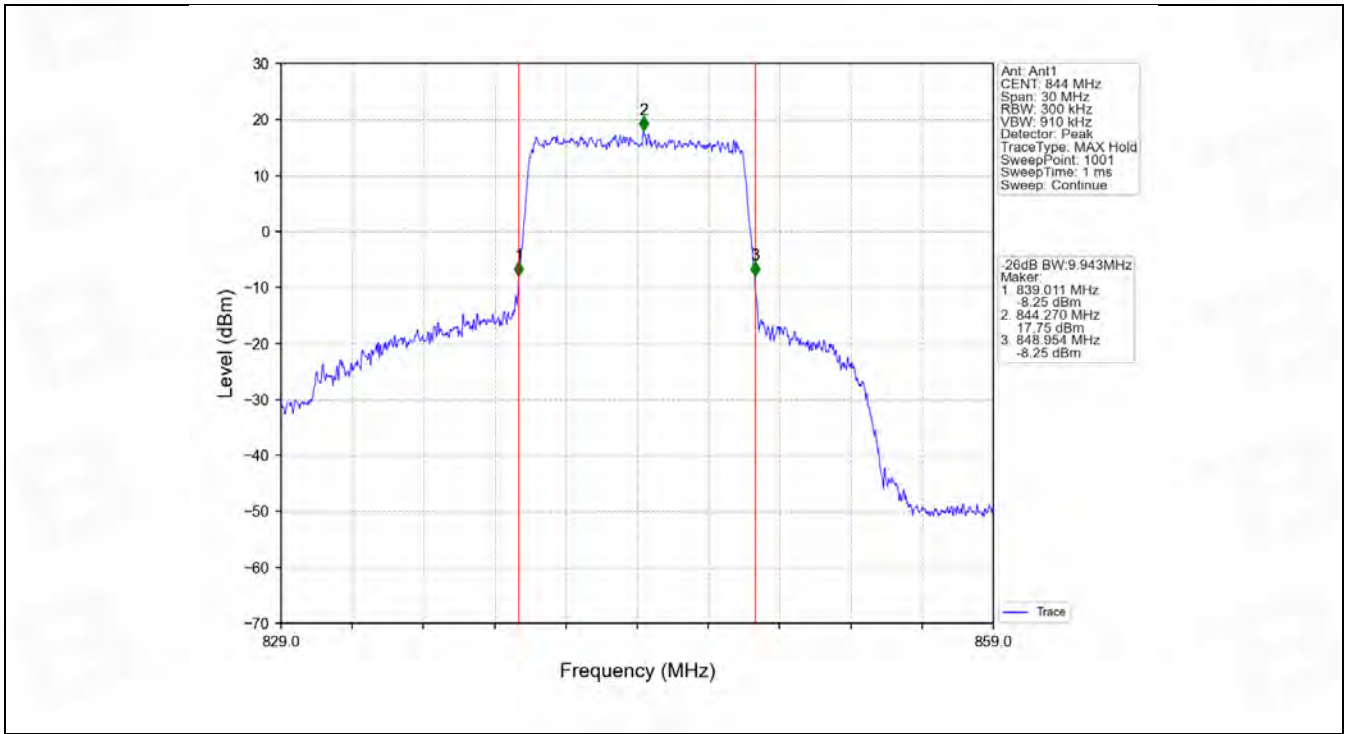




Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



5. Peak-Average Ratio

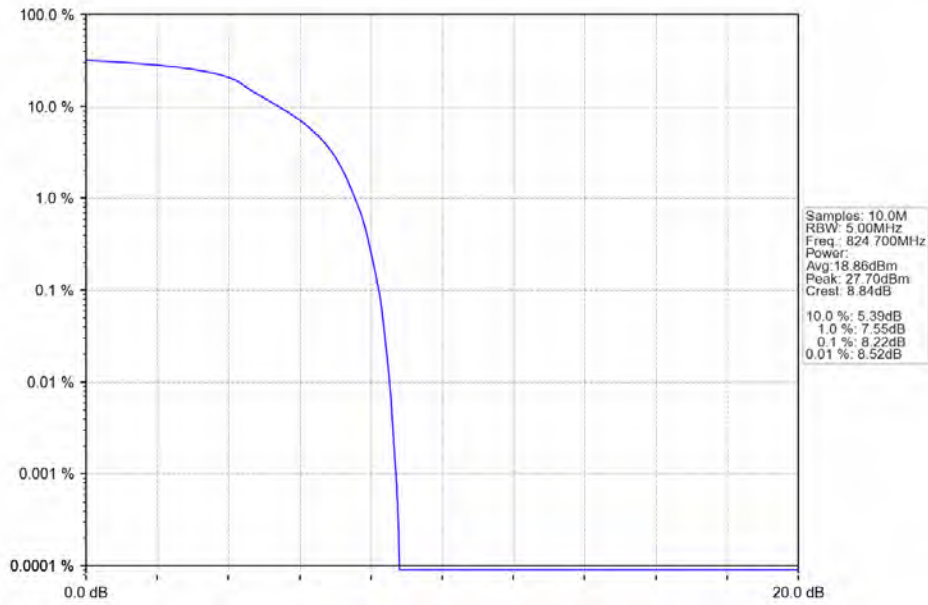
5.1 B26b_1.4MHz

5.1.1 Test Result

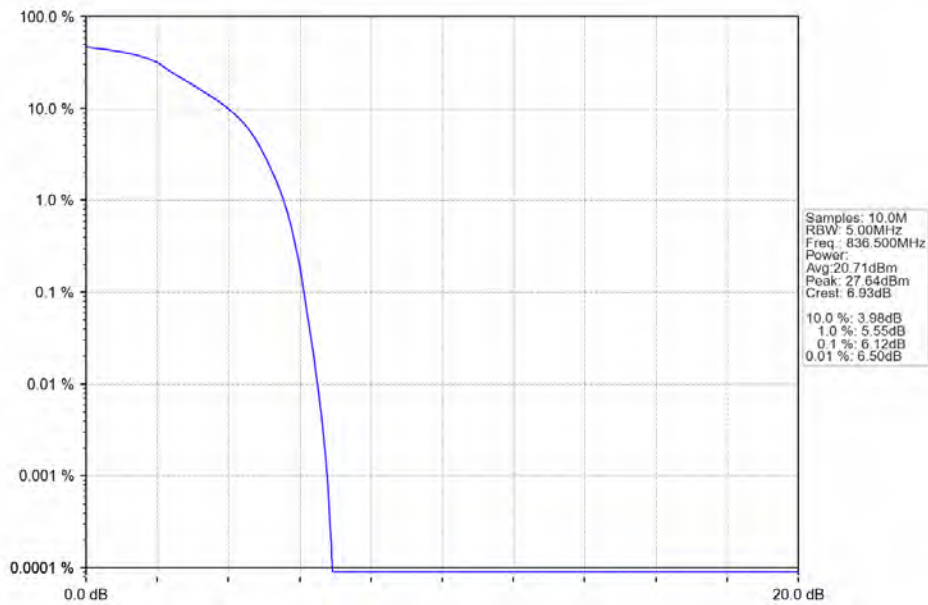
Band: 26b / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	8.22	<=13	Pass
	836.5	6	0	6.12	<=13	Pass
	848.3	6	0	6.43	<=13	Pass
16QAM	824.7	6	0	6.50	<=13	Pass
	836.5	6	0	6.17	<=13	Pass
	848.3	6	0	7.76	<=13	Pass

5.1.2 Test Graph

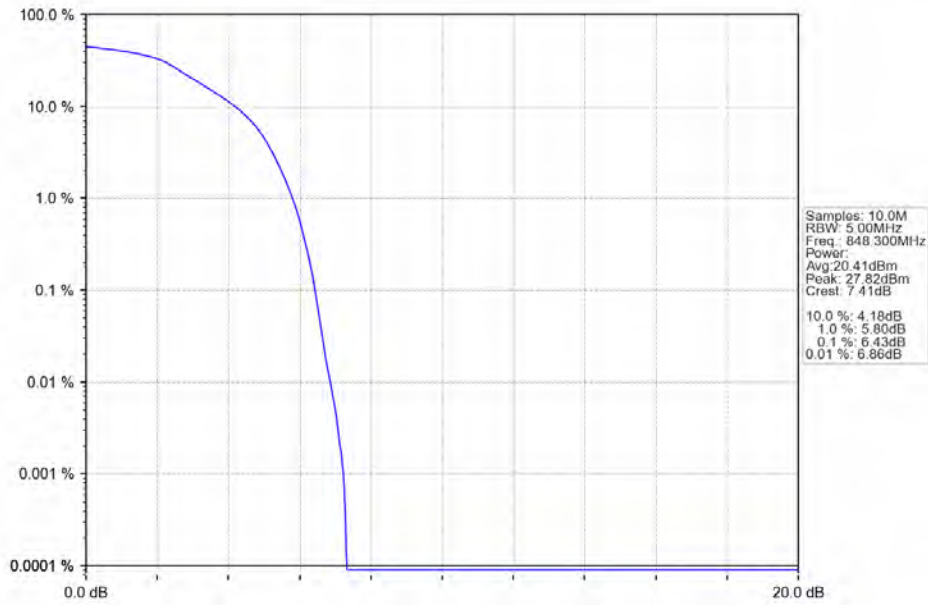
Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTN



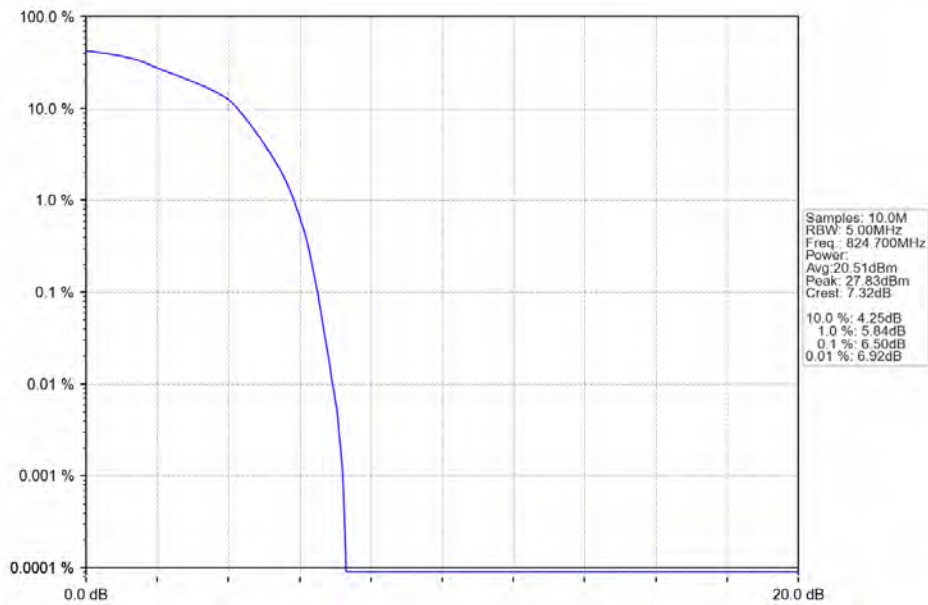
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_6_0_NTNV



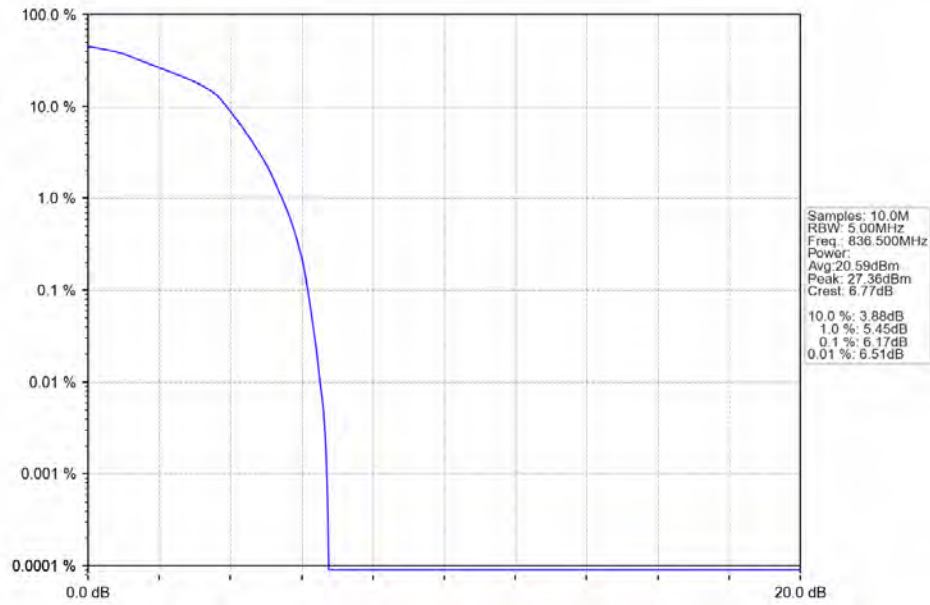
Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



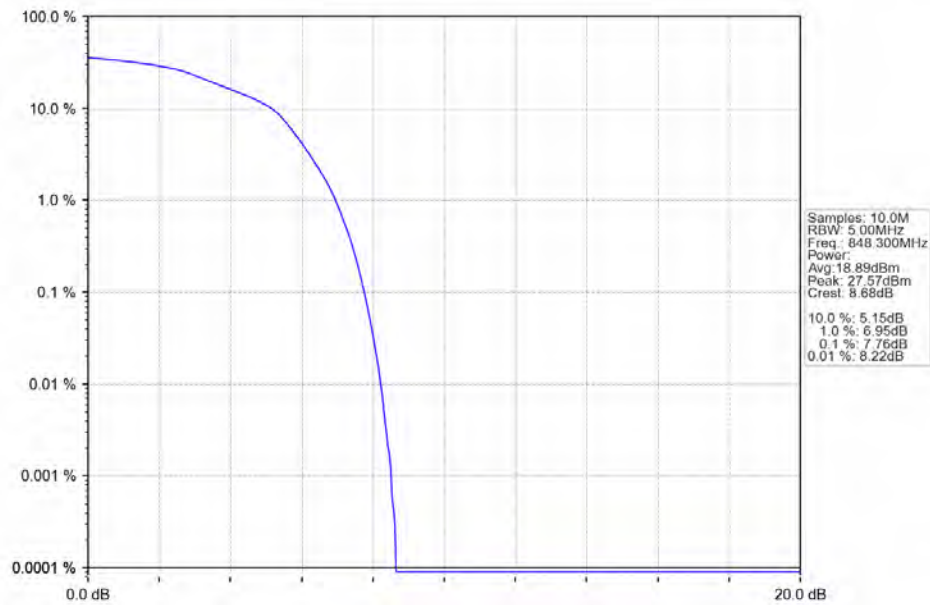
Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV



Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_6_0_NTNV



Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV

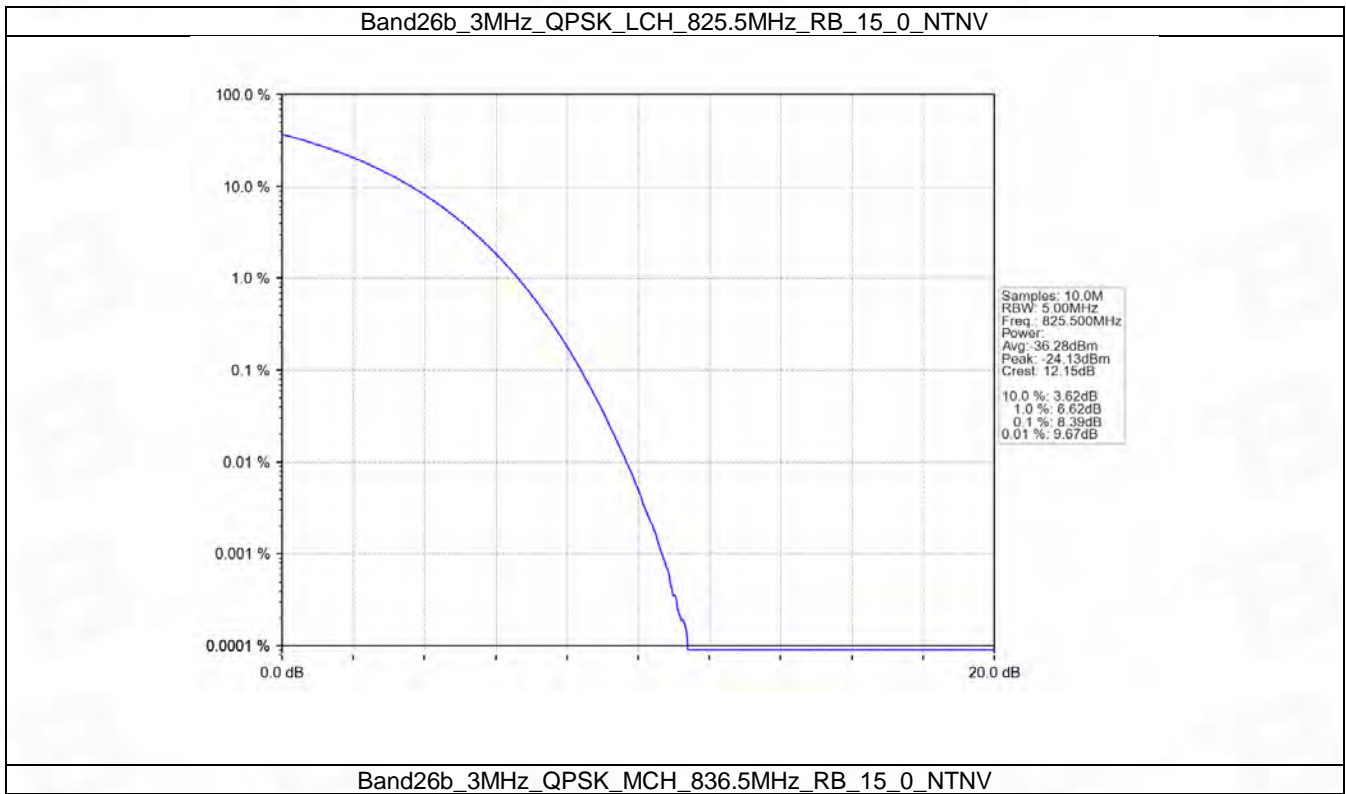


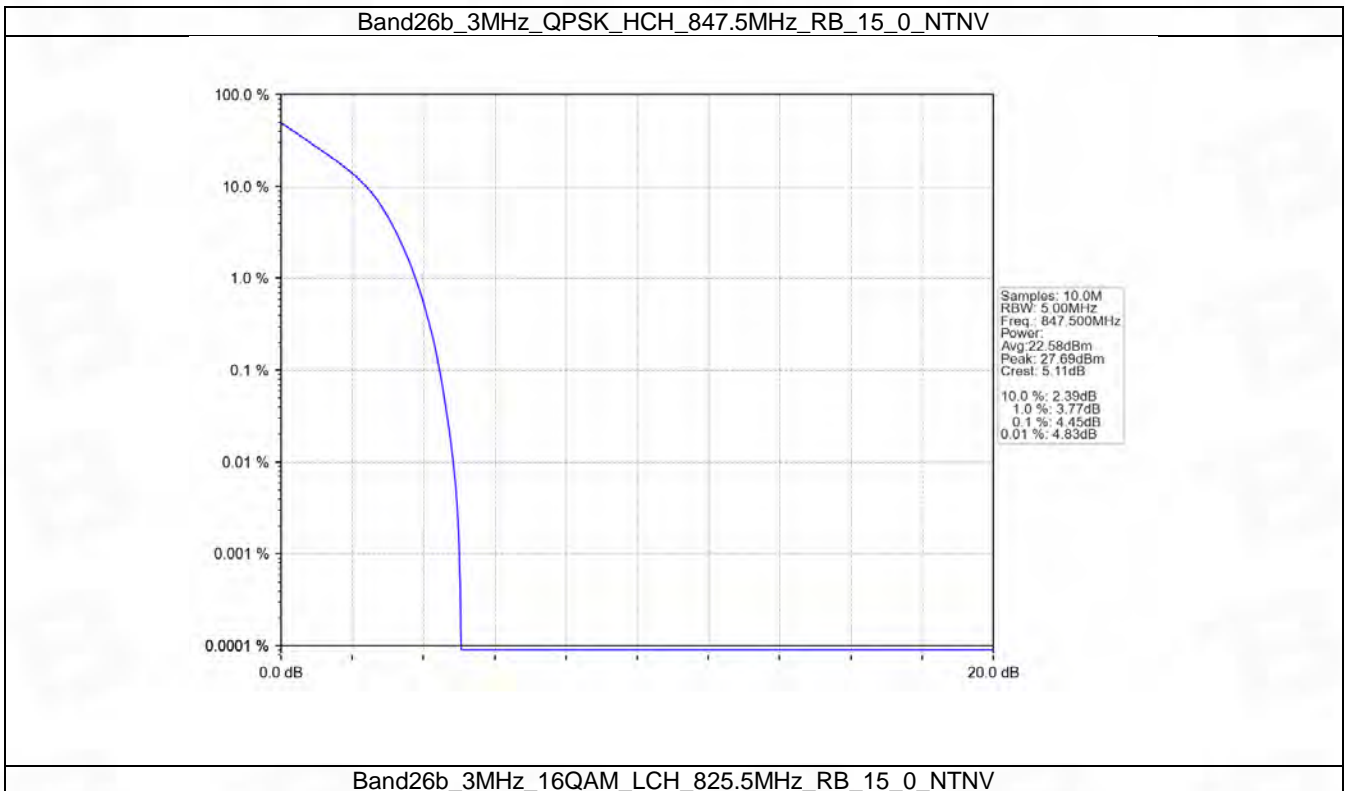
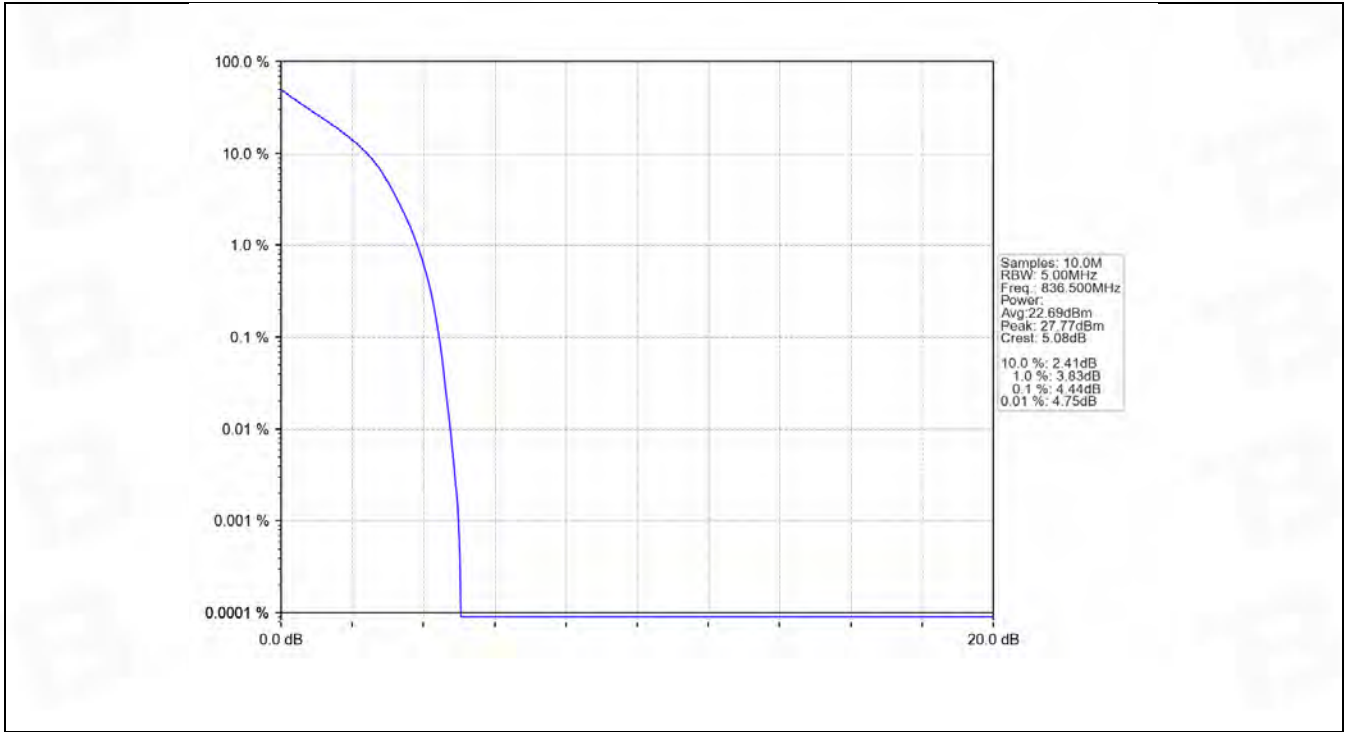
5.2 B26b_3MHz

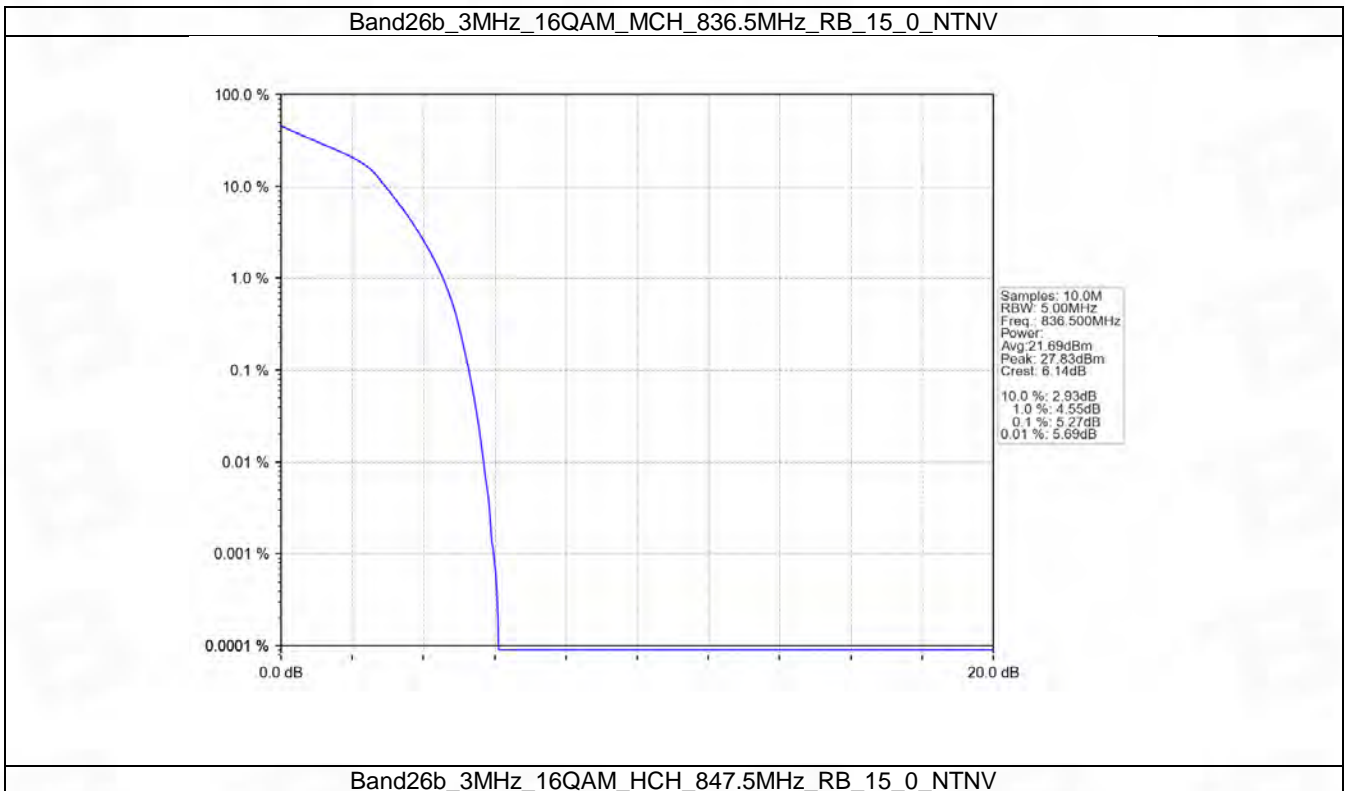
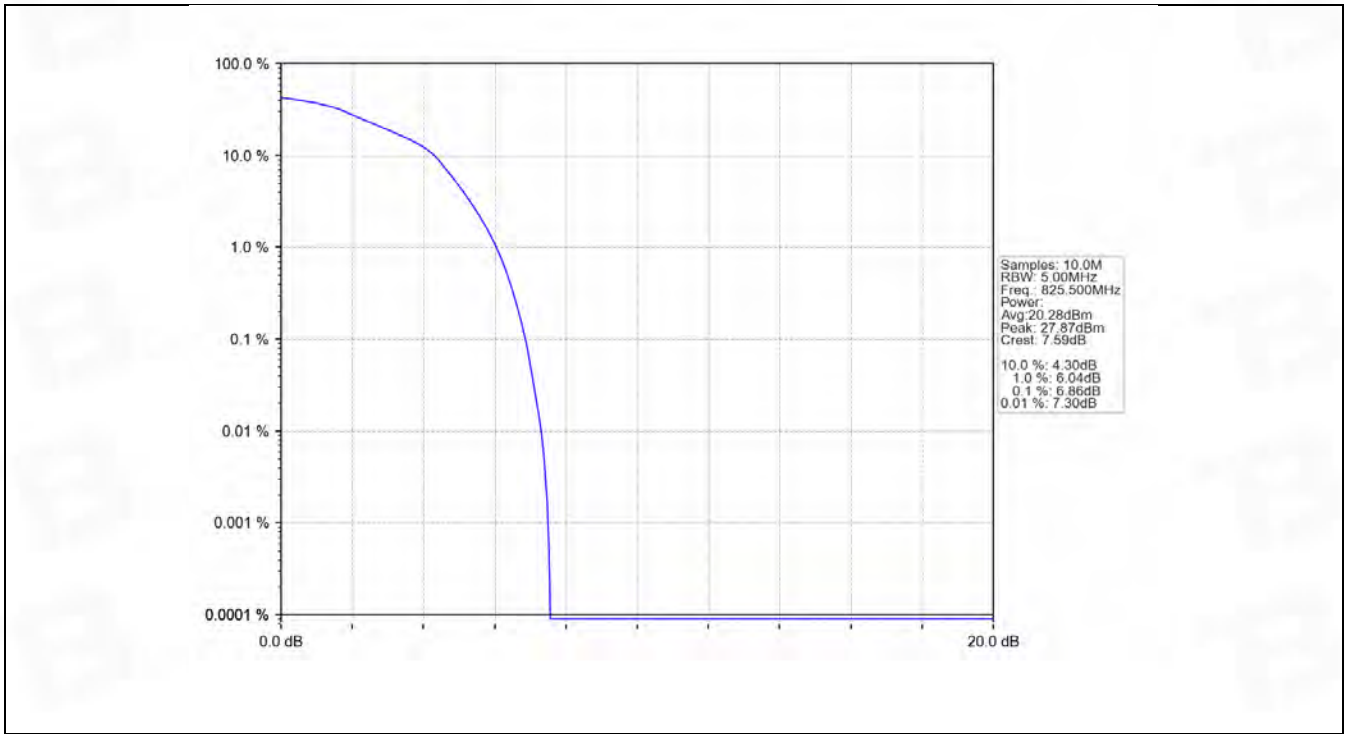
5.2.1 Test Result

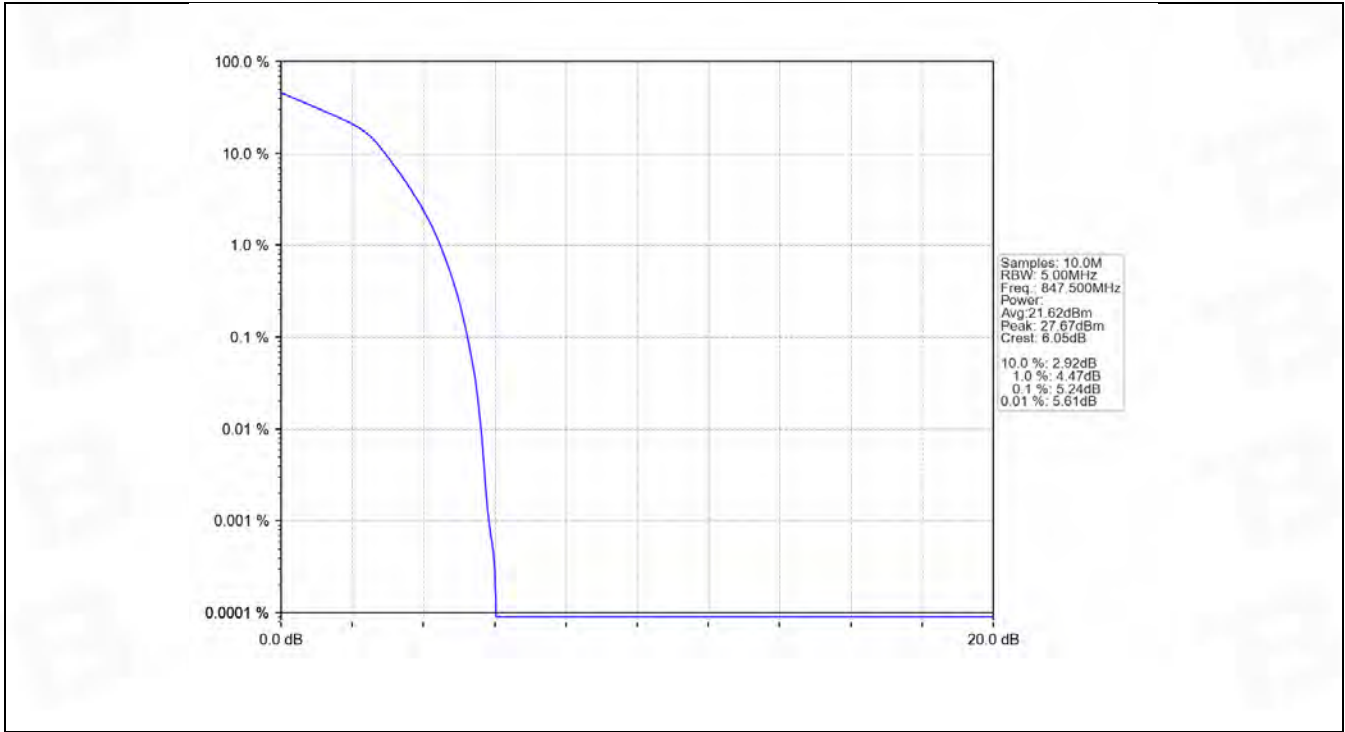
Band: 26b / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	8.39	<=13	Pass
	836.5	15	0	4.44	<=13	Pass
	847.5	15	0	4.45	<=13	Pass
16QAM	825.5	15	0	6.86	<=13	Pass
	836.5	15	0	5.27	<=13	Pass
	847.5	15	0	5.24	<=13	Pass

5.2.2 Test Graph









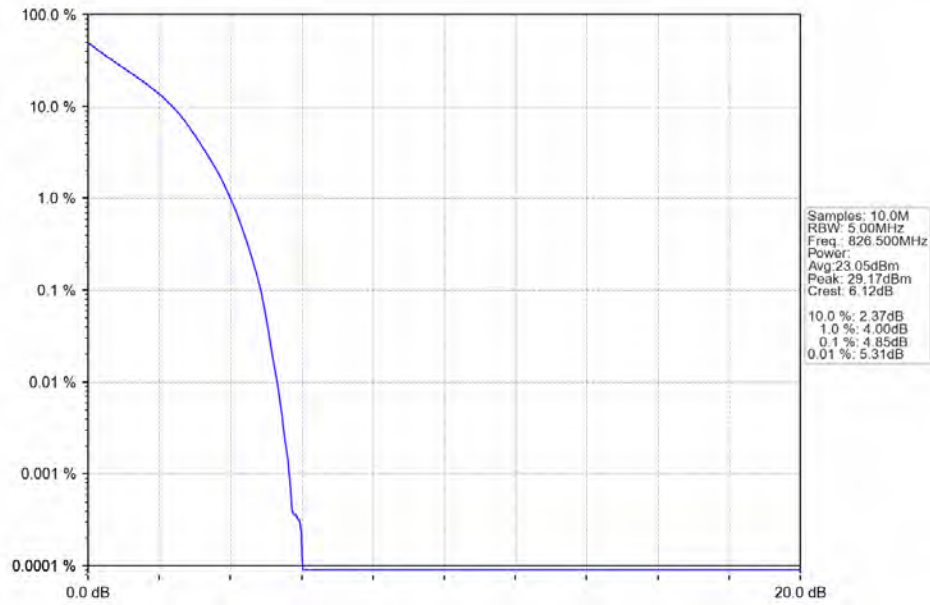
5.3 B26b_5MHz

5.3.1 Test Result

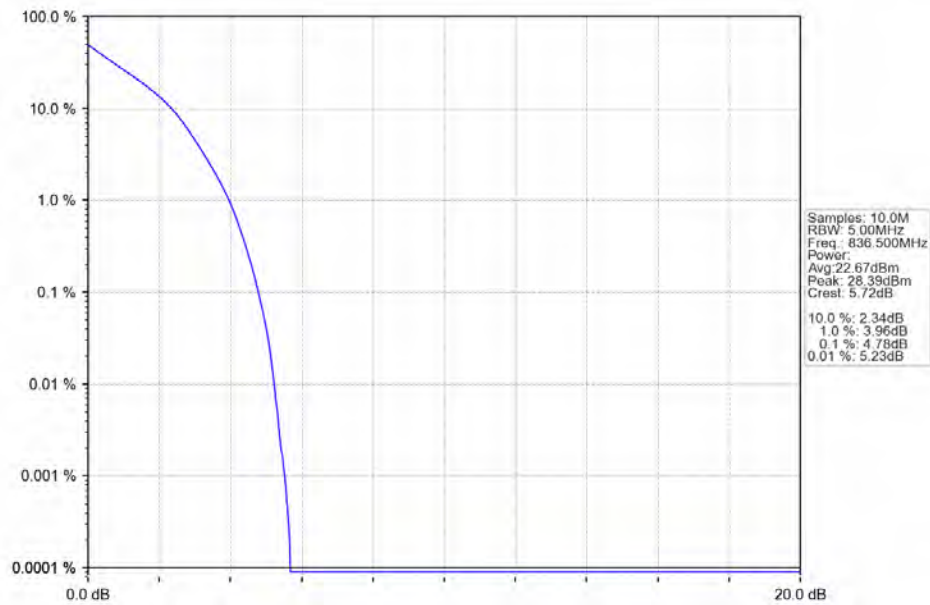
Band: 26b / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	25	0	4.85	<=13	Pass
	836.5	25	0	4.78	<=13	Pass
	846.5	25	0	4.83	<=13	Pass
16QAM	826.5	25	0	5.52	<=13	Pass
	836.5	25	0	5.51	<=13	Pass
	846.5	25	0	5.54	<=13	Pass

5.3.2 Test Graph

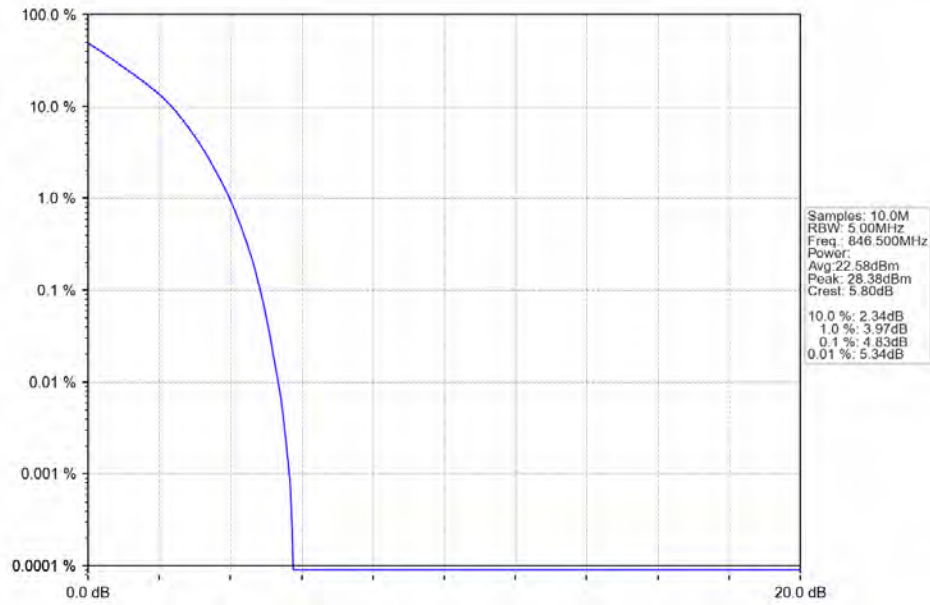
Band26b_5MHz_QPSK_LCH_826.5MHz_RB_25_0_NTV



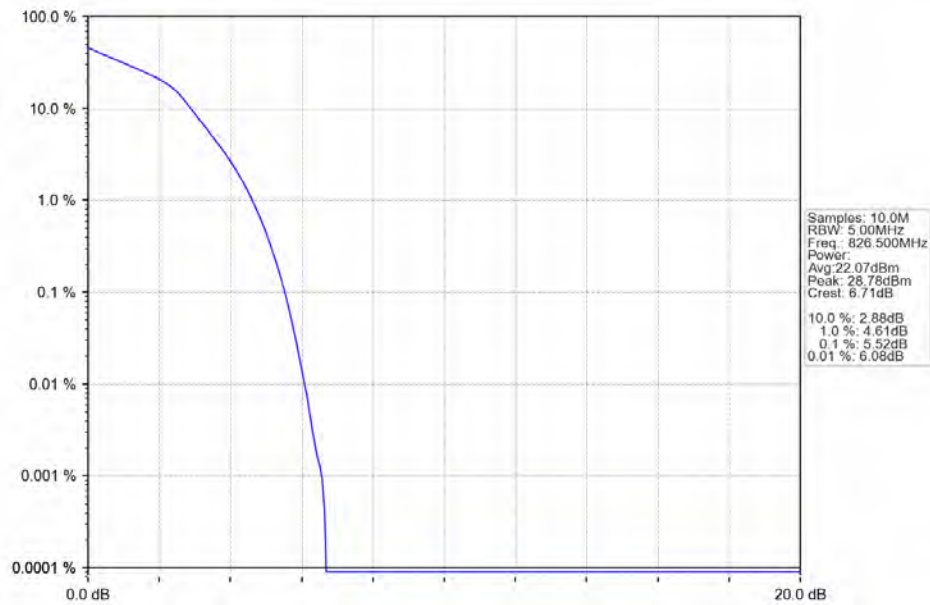
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_25_0_NTNV



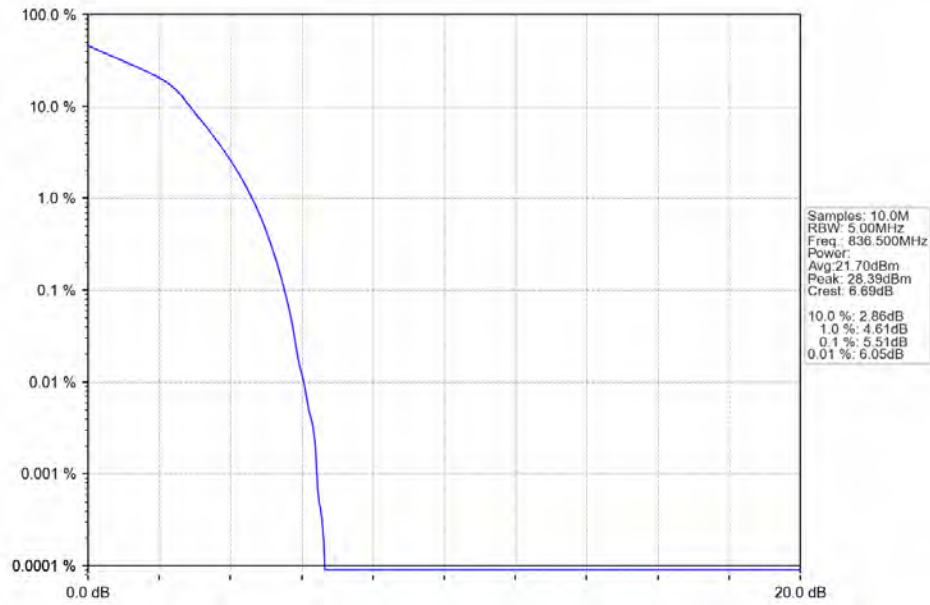
Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



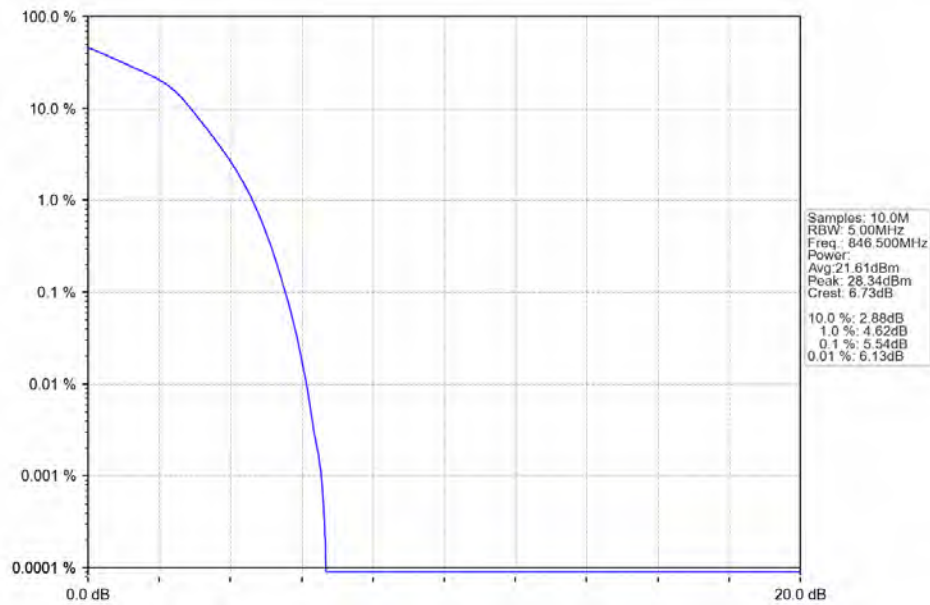
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV



Band26b_5MHz_16QAM_MCH_836.5MHz_RB_25_0_NTNV



Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV

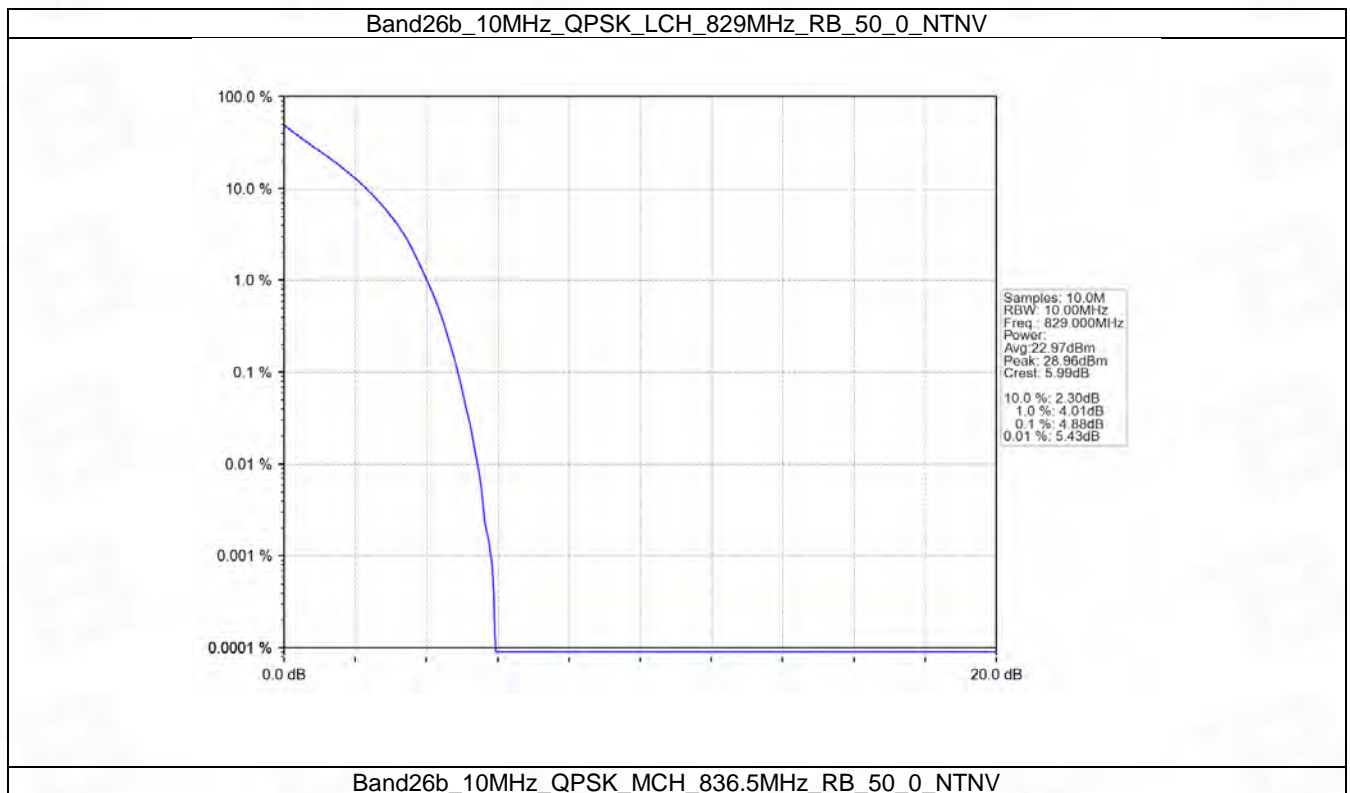


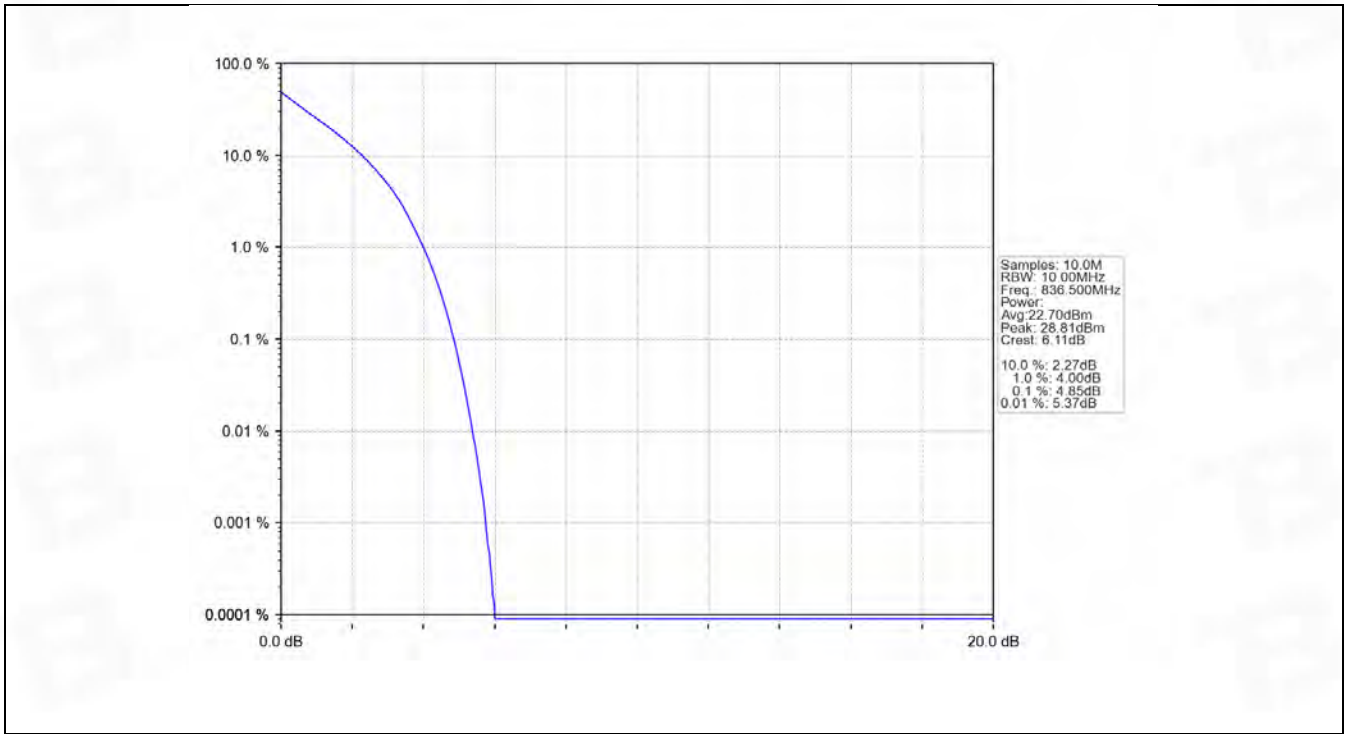
5.4 B26b_10MHz

5.4.1 Test Result

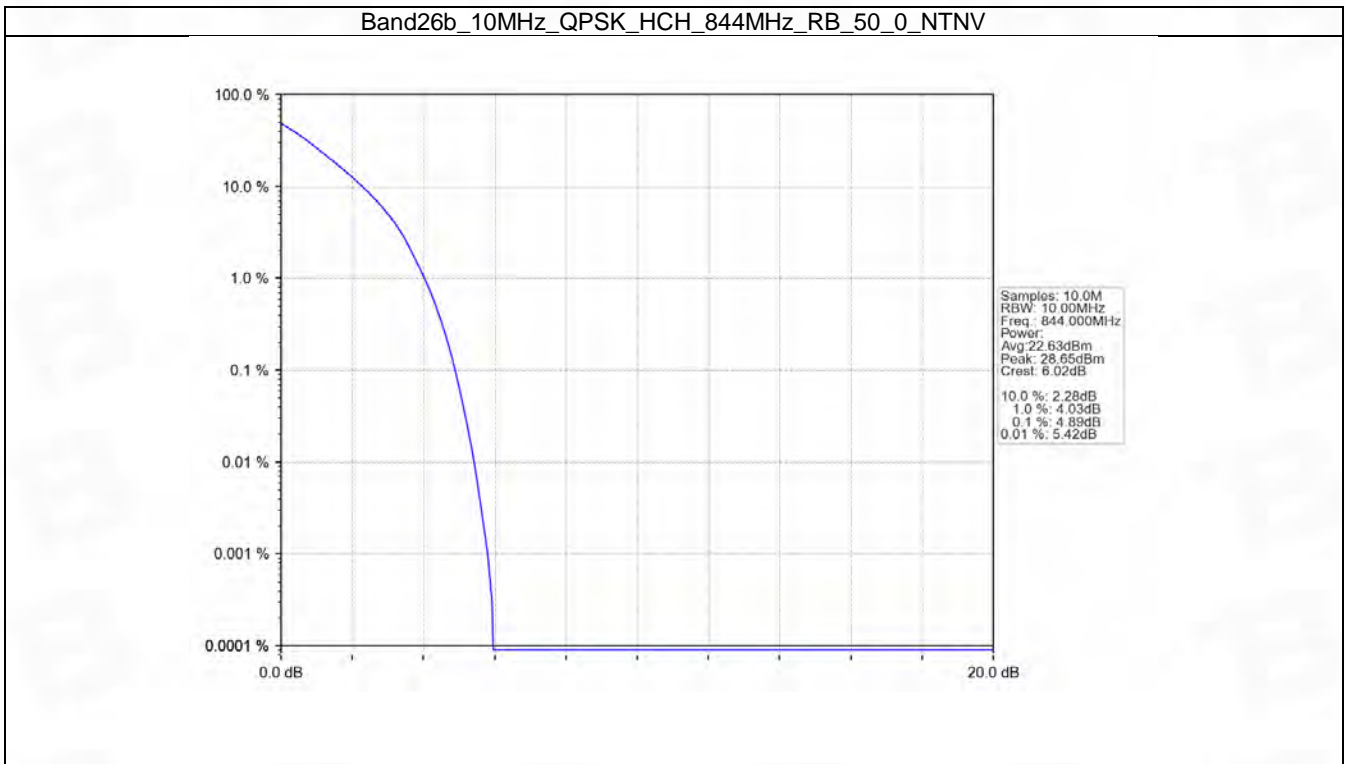
Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	4.88	<=13	Pass
	836.5	50	0	4.85	<=13	Pass
	844	50	0	4.89	<=13	Pass
16QAM	829	50	0	5.62	<=13	Pass
	836.5	50	0	5.63	<=13	Pass
	844	50	0	5.68	<=13	Pass

5.4.2 Test Graph

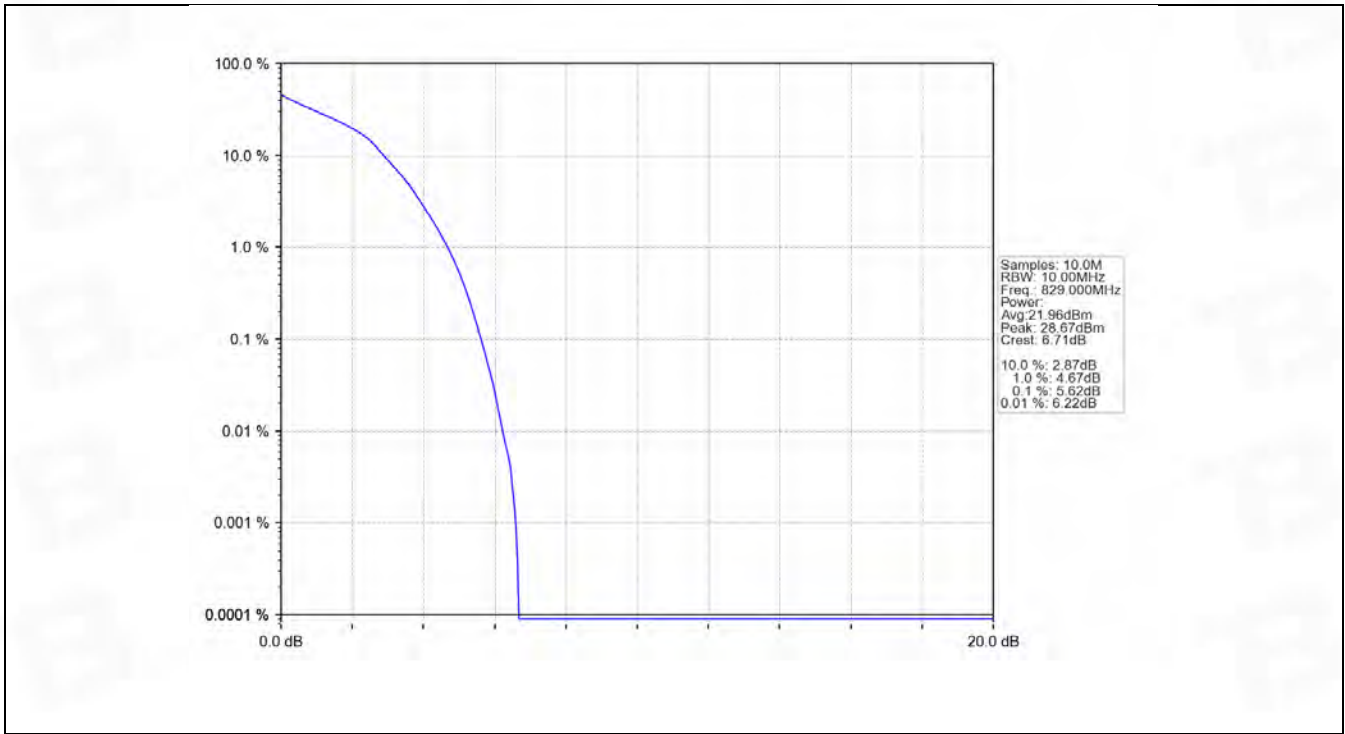




Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



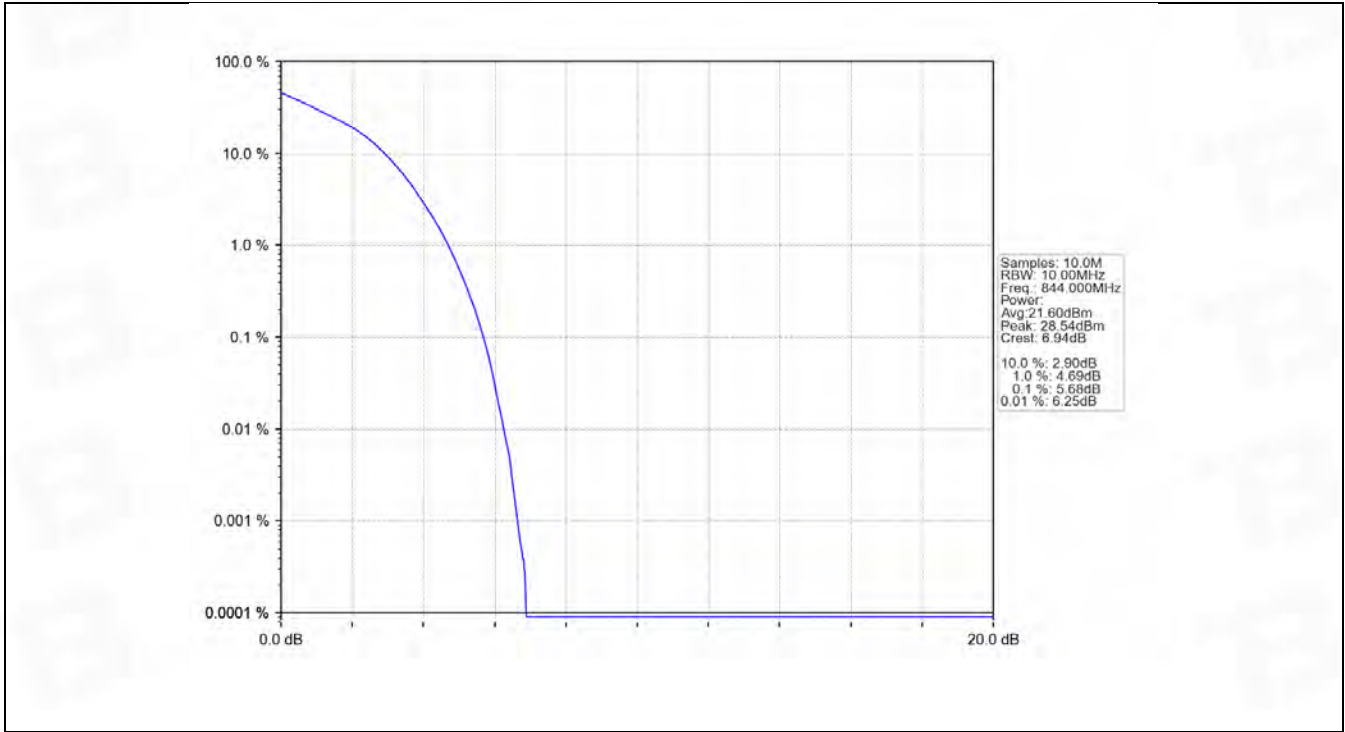
Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_MCH_836.5MHz_RB_50_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



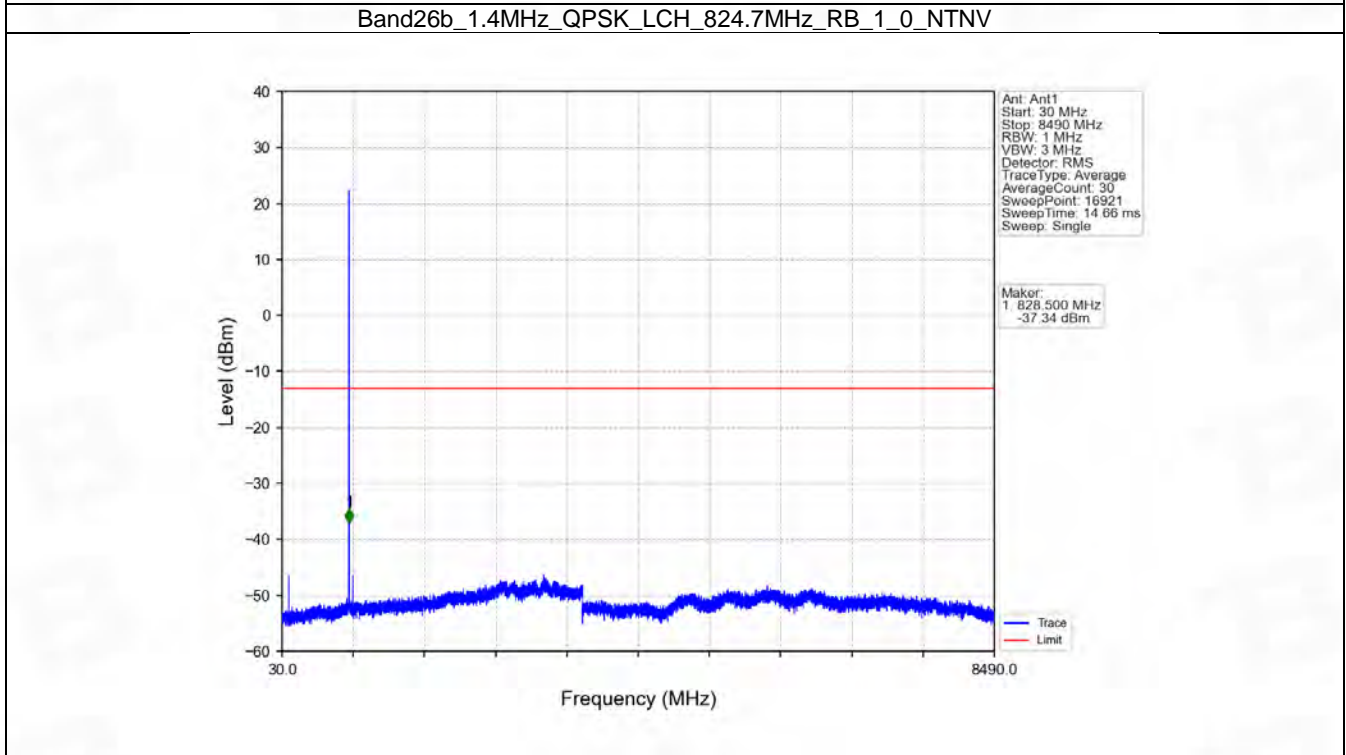
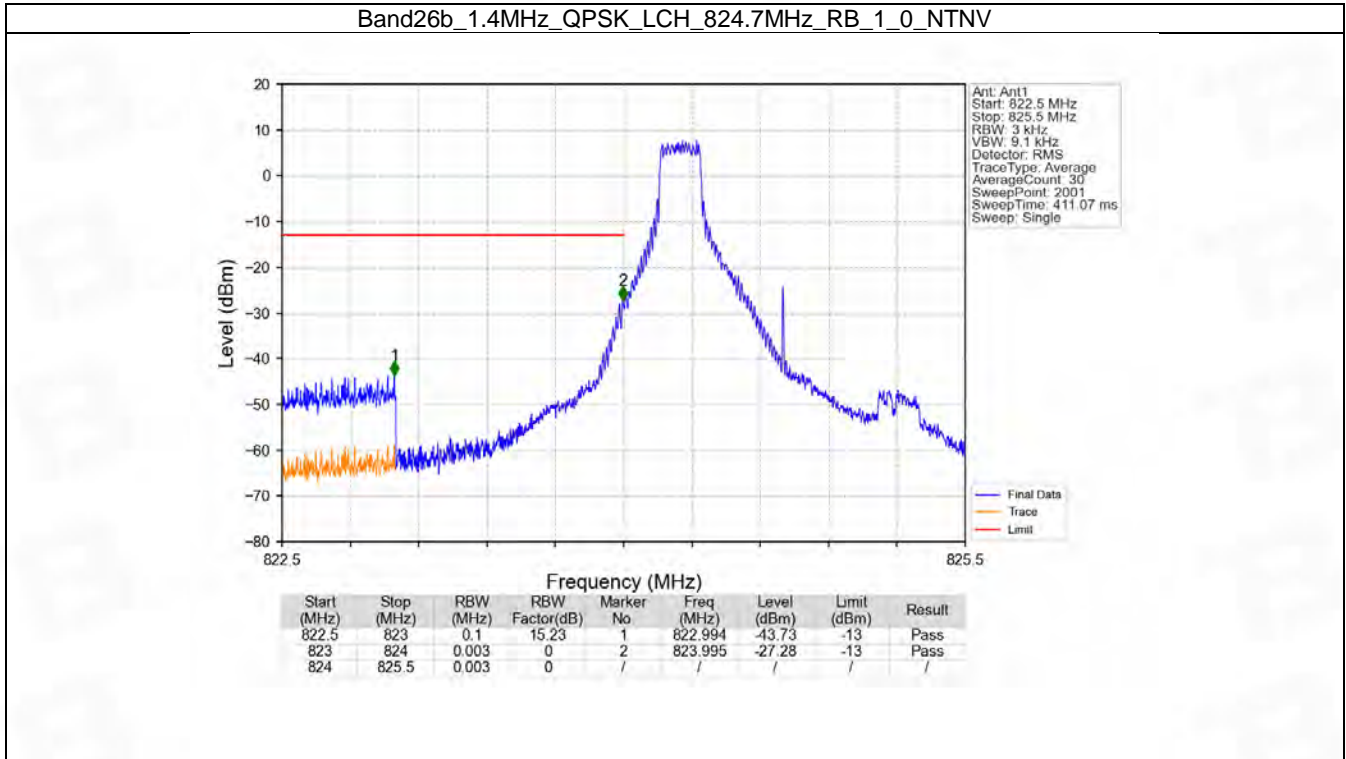
6. Spurious Emission

6.1 B26b_1.4MHz

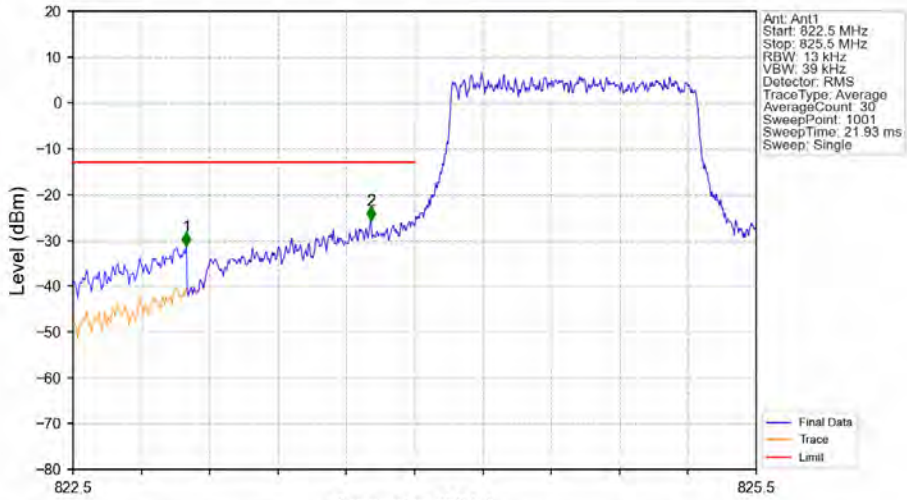
6.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
16QAM	824.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	848.3		1	0	Refer To Test Graph	
		5		Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 Test Graph

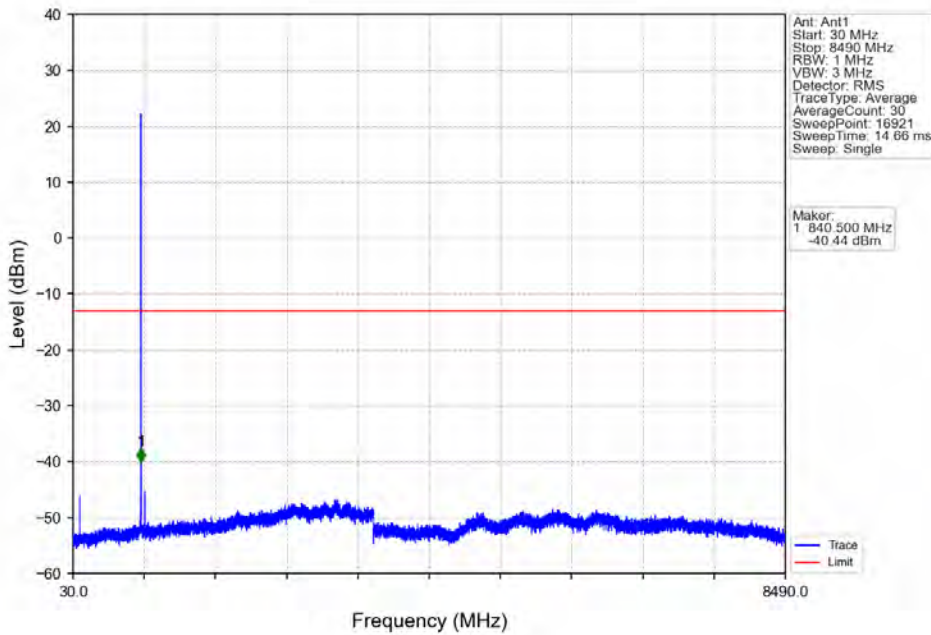


Band26b_1.4MHz_QPSK_LCH_824.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.998	-31.29	-13	Pass
823	824	0.013	0	2	823.808	-25.66	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

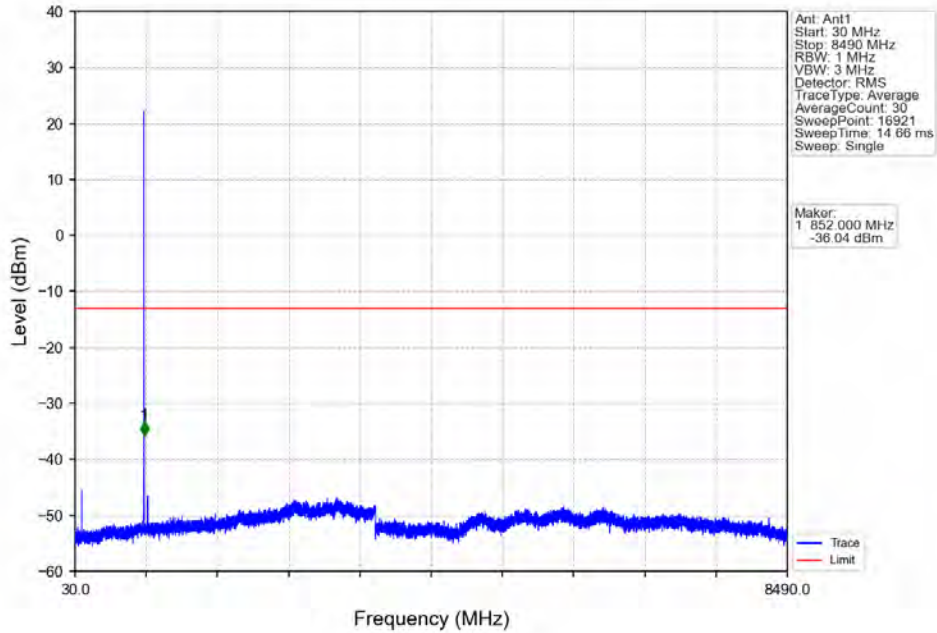
Band26b_1.4MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



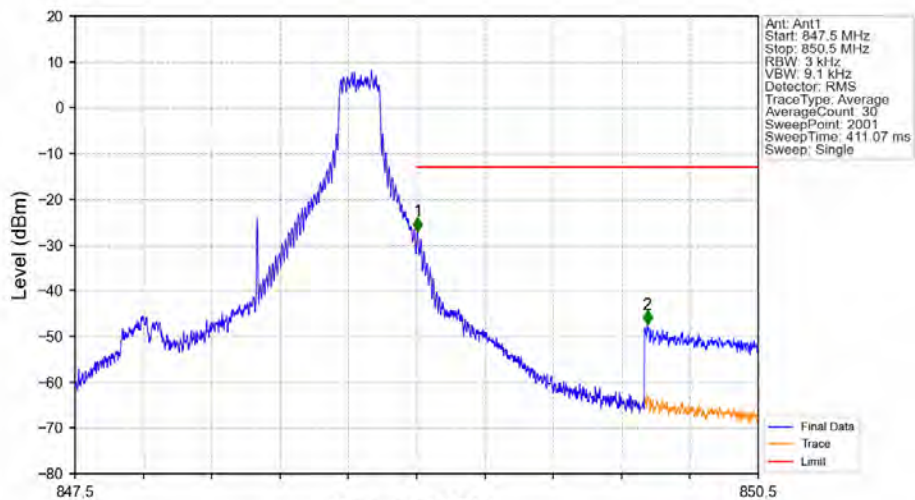
Ant: Ant1
 Start: 830 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 16921
 SweepTime: 14.66 ms
 Sweep: Single

Marker:
 1 840.500 MHz
 -40.44 dBm

Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_0_NTNV

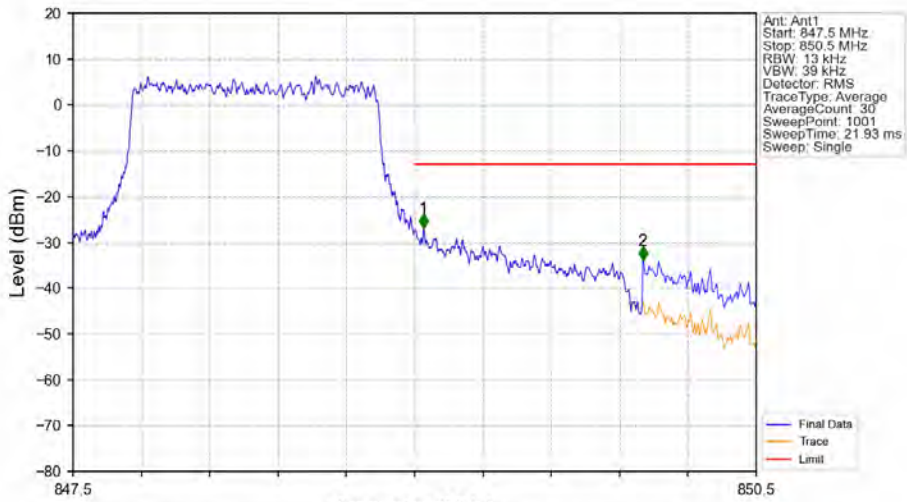


Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_1_5_NTNV



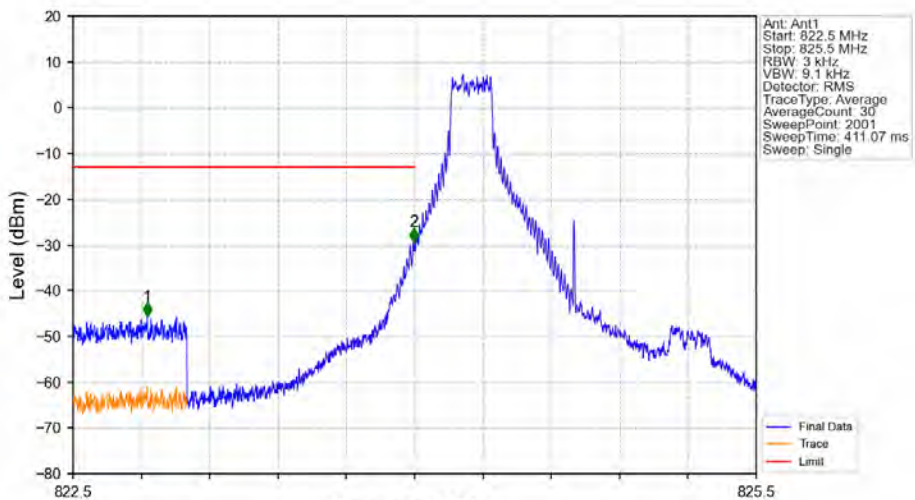
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.005	-27.02	-13	Pass
850	850.5	0.1	15.23	2	850.013	-47.42	-13	Pass

Band26b_1.4MHz_QPSK_HCH_848.3MHz_RB_6_0_NTNV



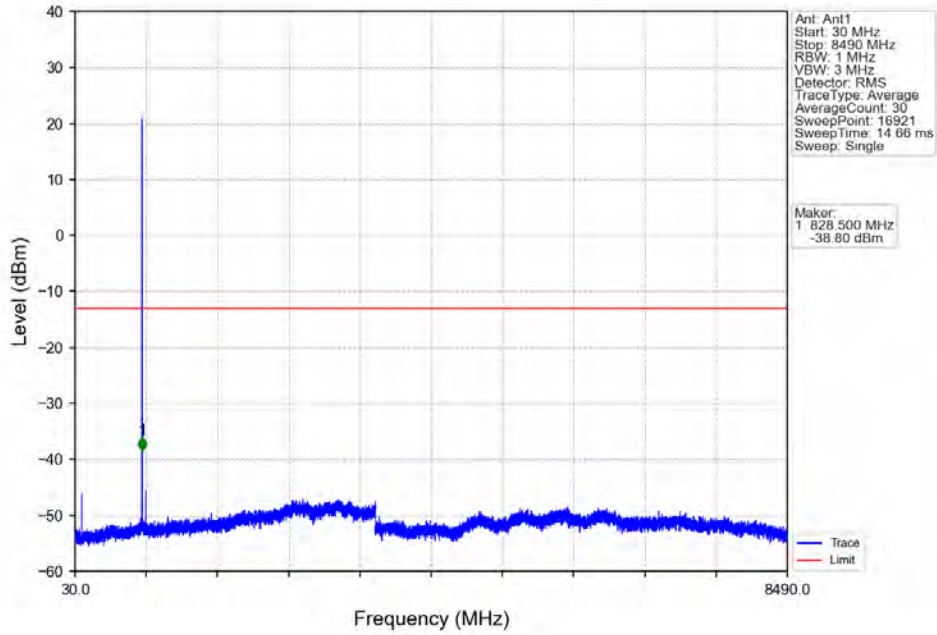
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	0	/	/	/	/	/
849	850	0.013	0	1	849.039	-26.96	-13	Pass
850	850.5	0.1	8.86	2	850.002	-34.03	-13	Pass

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

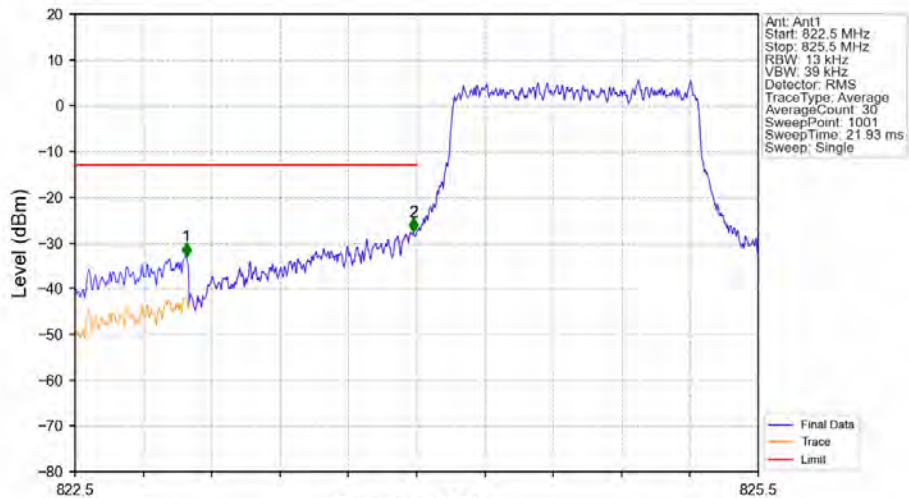


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	15.23	1	822.826	-45.66	-13	Pass
823	824	0.003	0	2	823.995	-29.31	-13	Pass
824	825.5	0.003	0	/	/	/	/	/

Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_1_0_NTNV

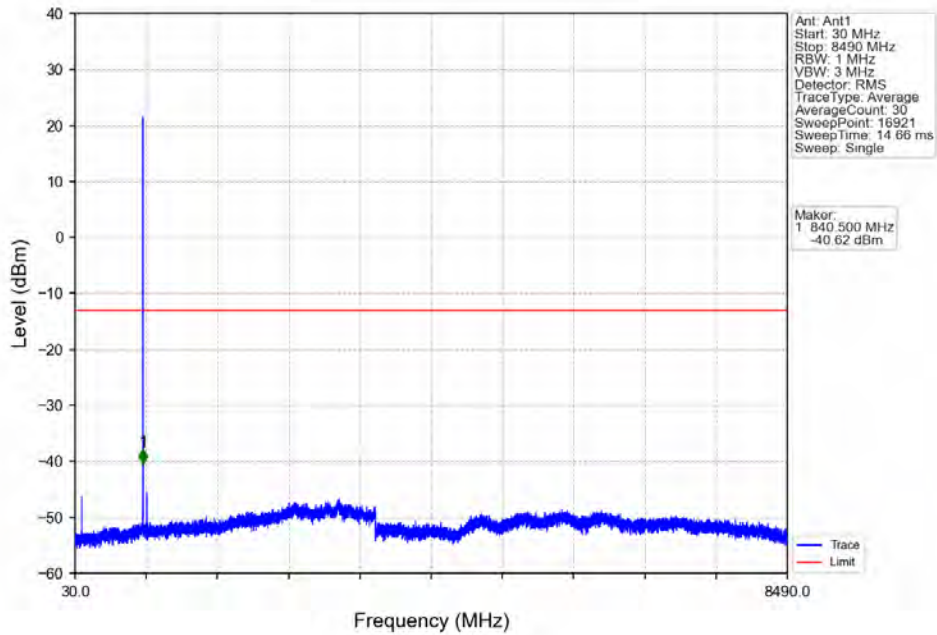


Band26b_1.4MHz_16QAM_LCH_824.7MHz_RB_6_0_NTNV

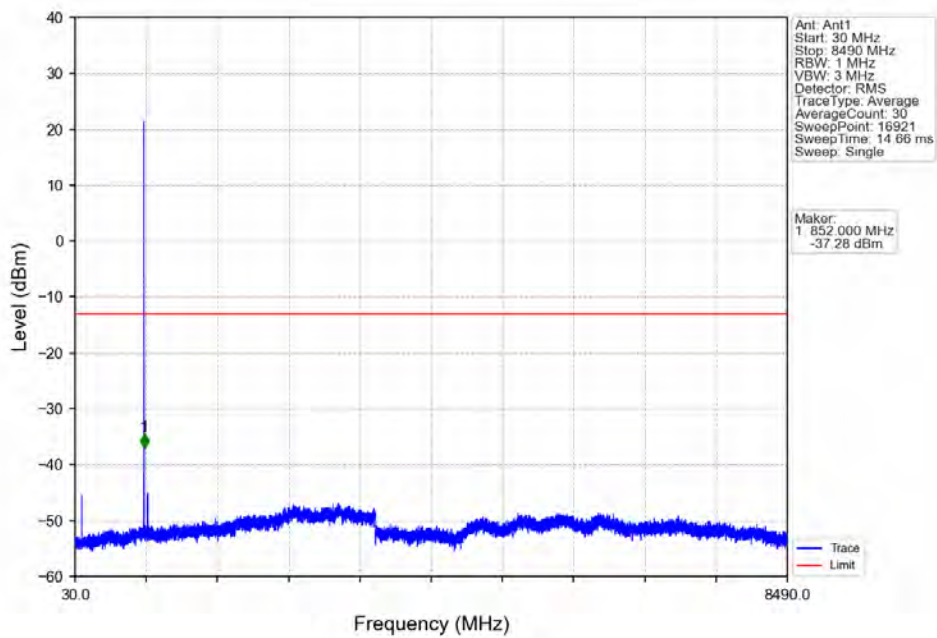


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	8.86	1	822.989	-33.01	-13	Pass
823	824	0.013	0	2	823.985	-27.57	-13	Pass
824	825.5	0.013	0	/	/	/	/	/

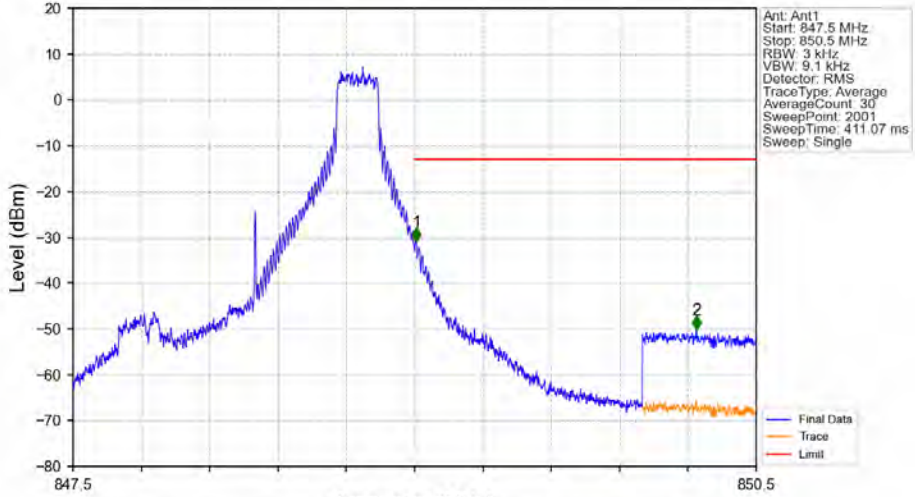
Band26b_1.4MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_1_0_NTNV

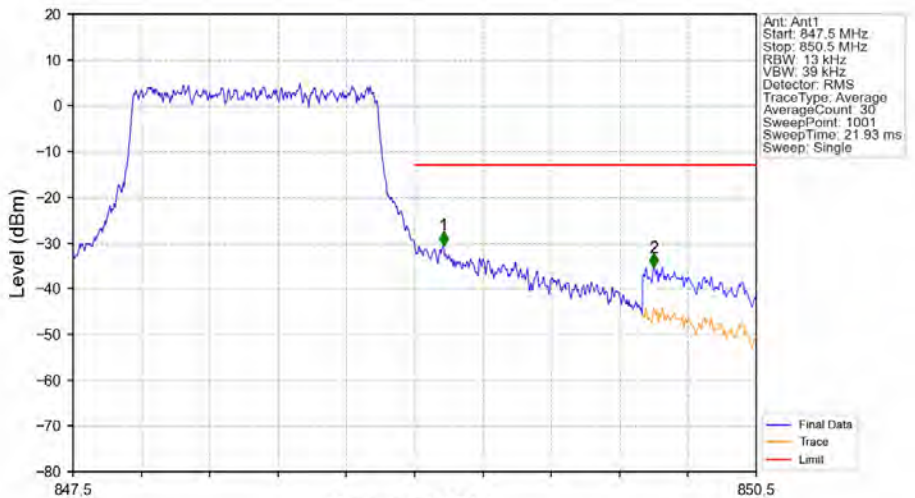


Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.008	-30.99	-13	Pass
850	850.5	0.1	15.23	2	850.237	-50.27	-13	Pass

Band26b_1.4MHz_16QAM_HCH_848.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.013	0	/	/	/	/	/
849	850	0.013	0	1	849.126	-30.54	-13	Pass
850	850.5	0.1	8.86	2	850.050	-35.36	-13	Pass

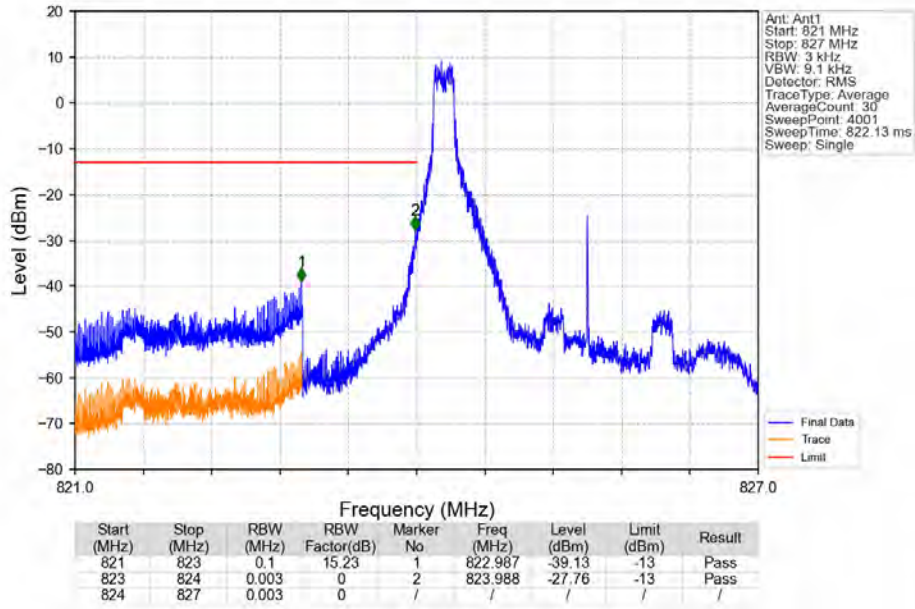
6.2 B26b_3MHz

6.2.1 Test Result

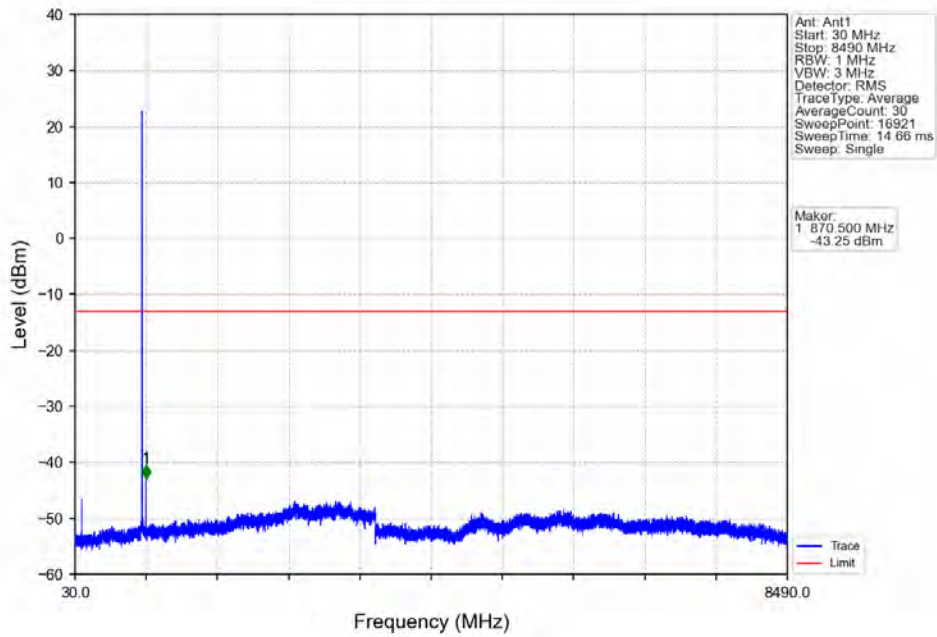
Band: 26b / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	847.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	825.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	847.5	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

6.2.2 Test Graph

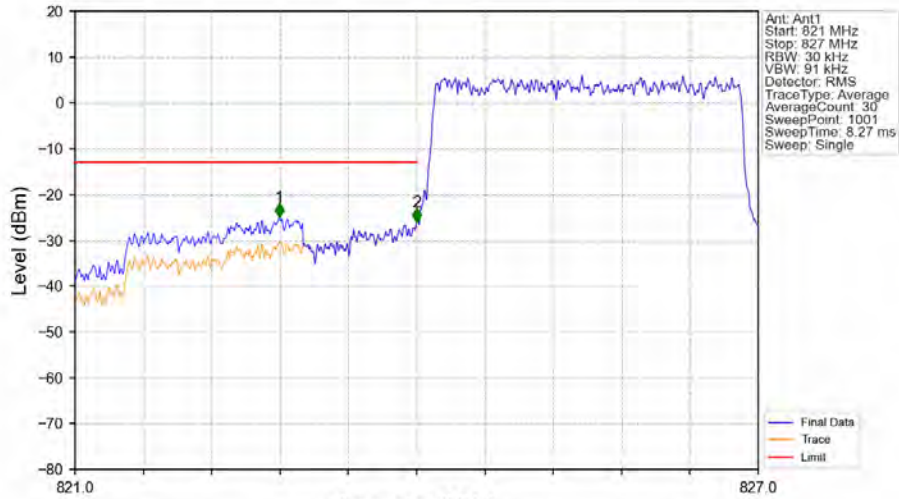
Band26b_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTV



Band26b_3MHz_QPSK_LCH_825.5MHz_RB_1_0_NTNV

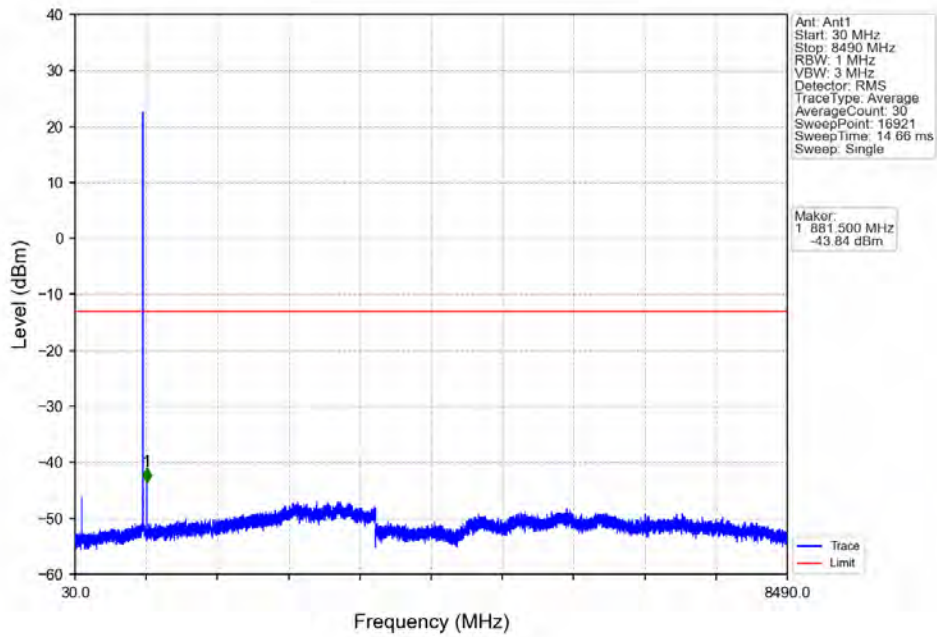


Band26b_3MHz_QPSK_LCH_825.5MHz_RB_15_0_NTNV

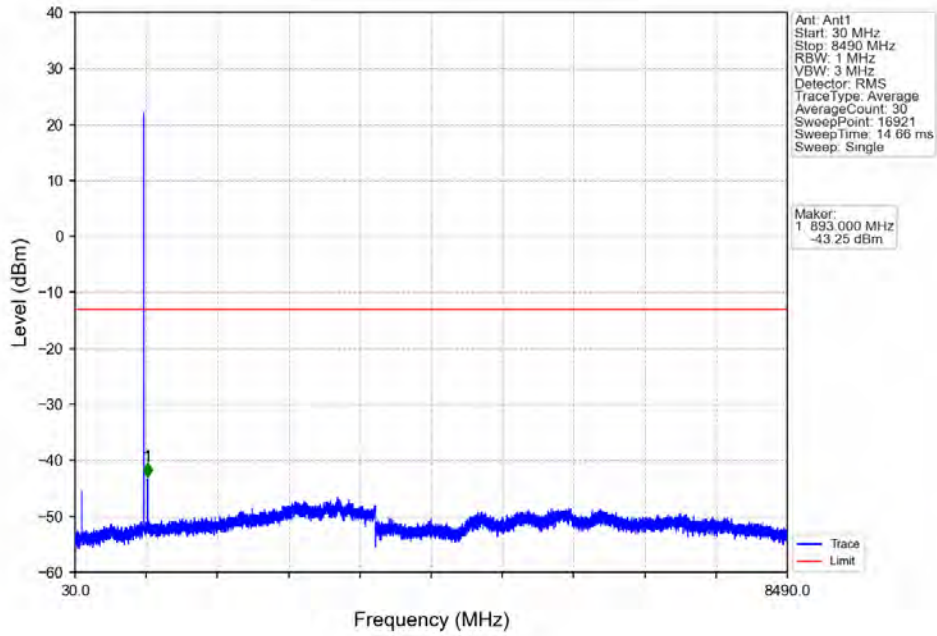


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	5.23	1	822.794	-25.05	-13	Pass
823	824	0.03	0	2	824.000	-26.10	-13	Pass
824	827	0.03	0	/	/	/	/	/

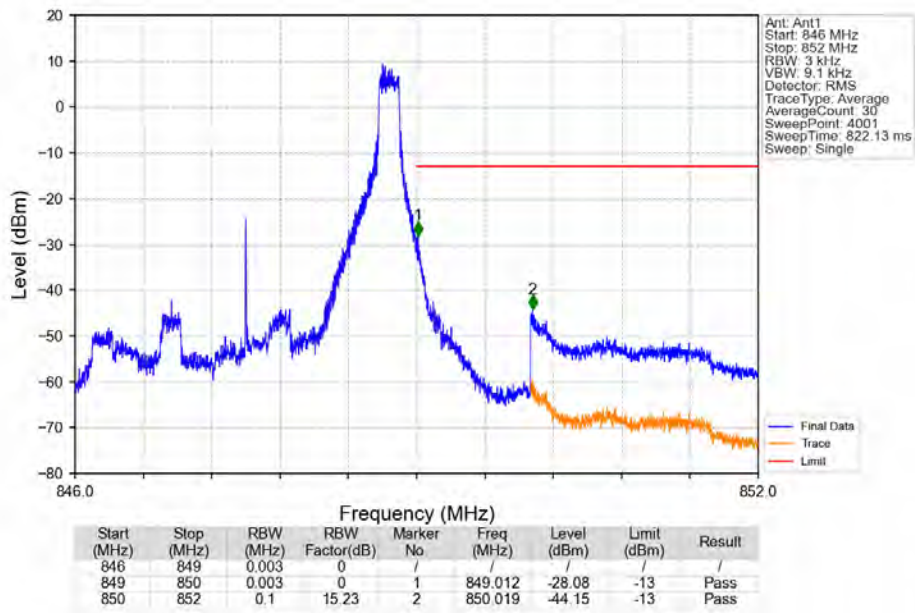
Band26b_3MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



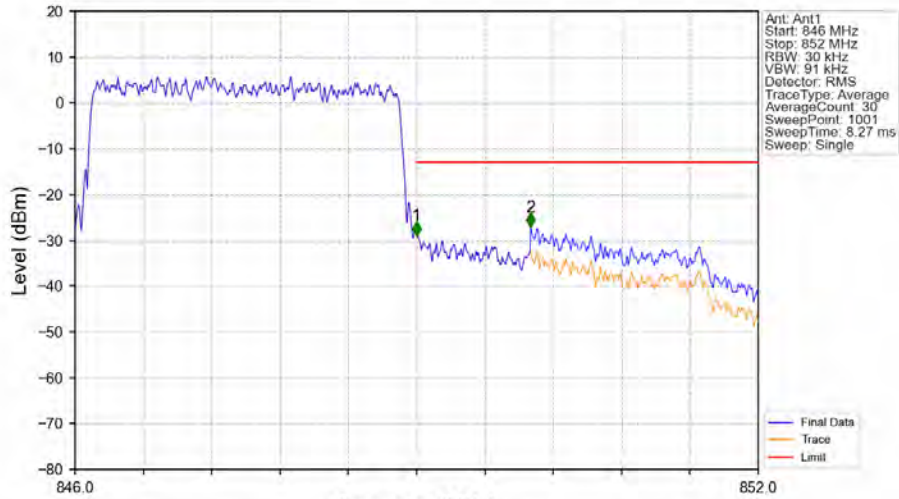
Band26b_3MHz_QPSK_HCH_847.5MHz_RB_1_0_NTNV



Band26b_3MHz_QPSK_HCH_847.5MHz_RB_1_14_NTNV

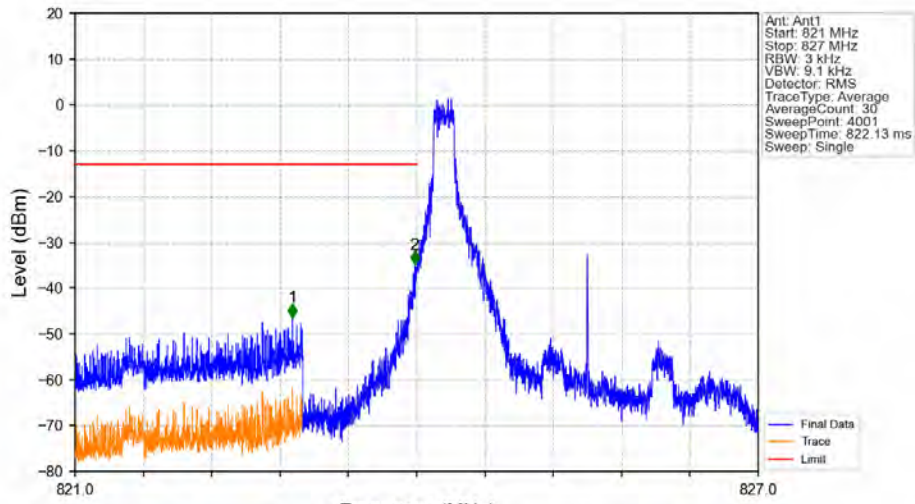


Band26b_3MHz_QPSK_HCH_847.5MHz_RB_15_0_NTNV



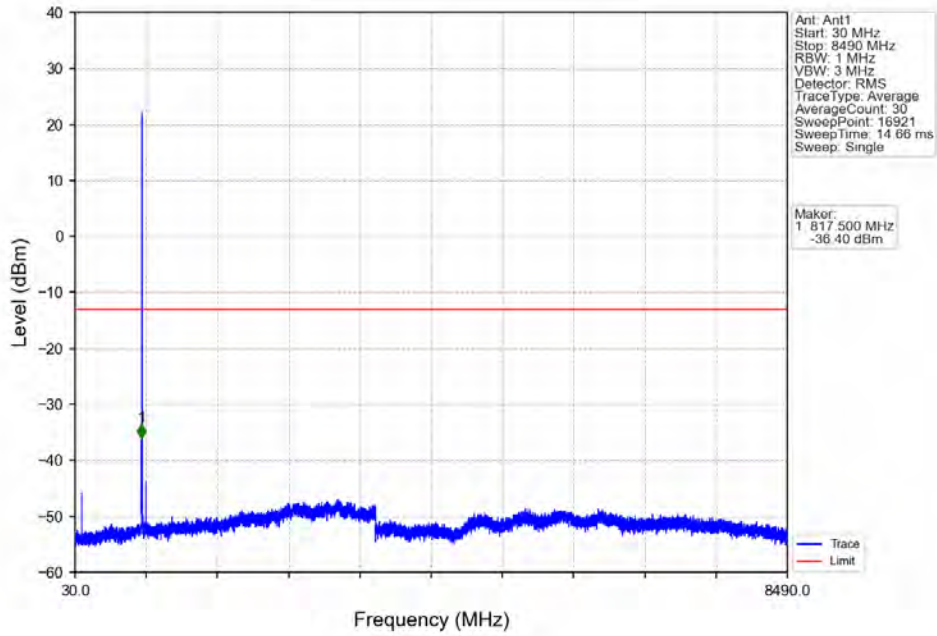
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	0	/	/	/	/	/
849	850	0.03	0	1	849.000	-28.93	-13	Pass
850	852	0.1	5.23	2	850.002	-27.10	-13	Pass

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTV

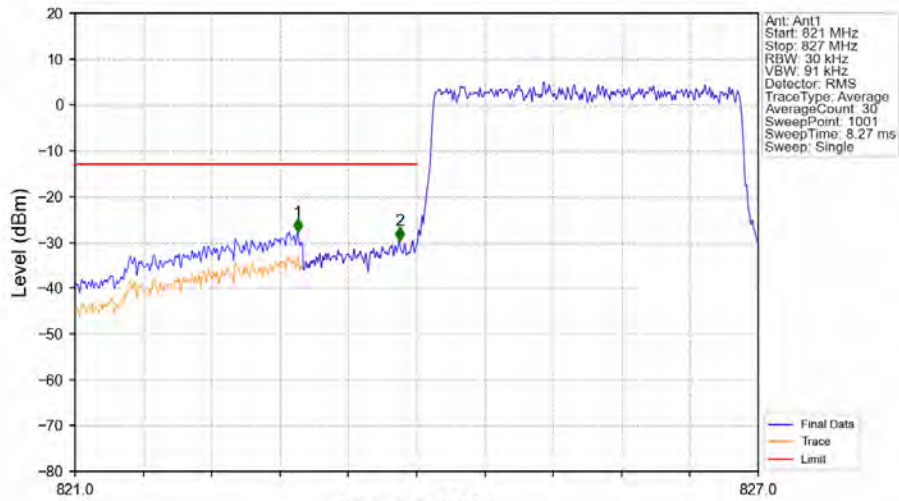


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	15.23	1	822.909	-46.41	-13	Pass
823	824	0.003	0	2	823.984	-34.86	-13	Pass
824	827	0.003	0	/	/	/	/	/

Band26b_3MHz_16QAM_LCH_825.5MHz_RB_1_0_NTV

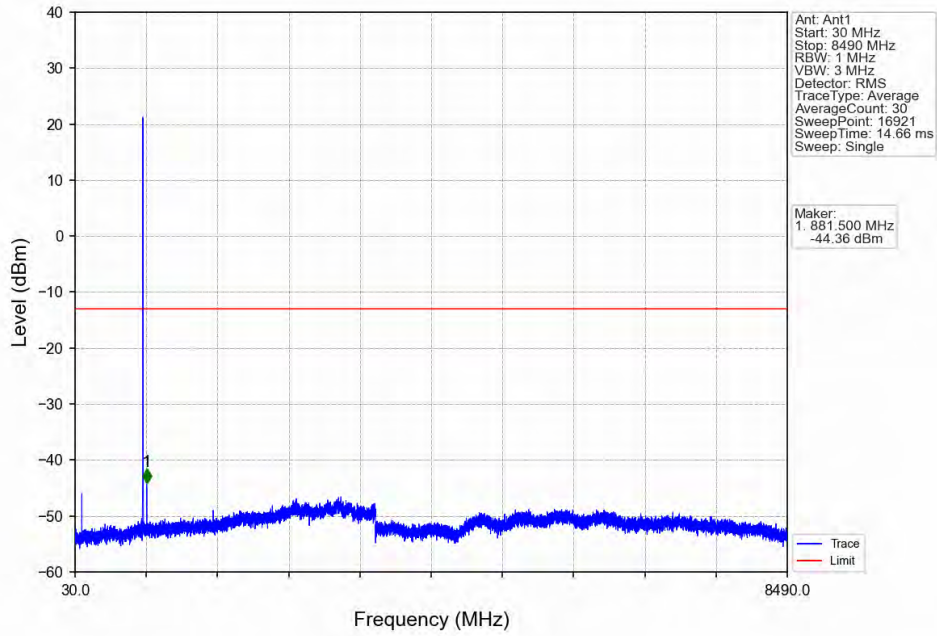


Band26b_3MHz_16QAM_LCH_825.5MHz_RB_15_0_NTNV

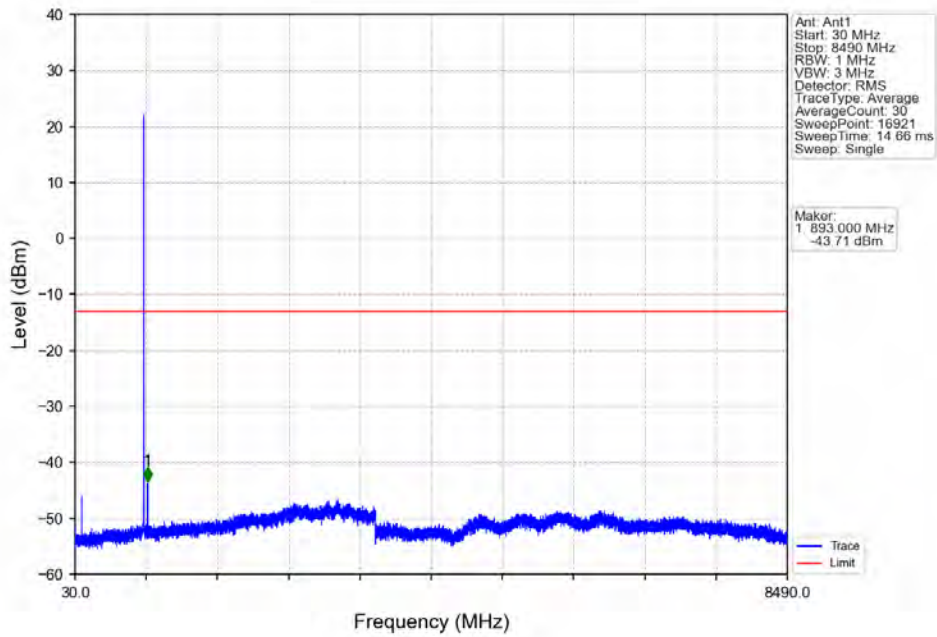


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	5.23	1	822.956	-27.76	-13	Pass
823	824	0.03	0	2	823.850	-29.67	-13	Pass
824	827	0.03	0	/	/	/	/	/

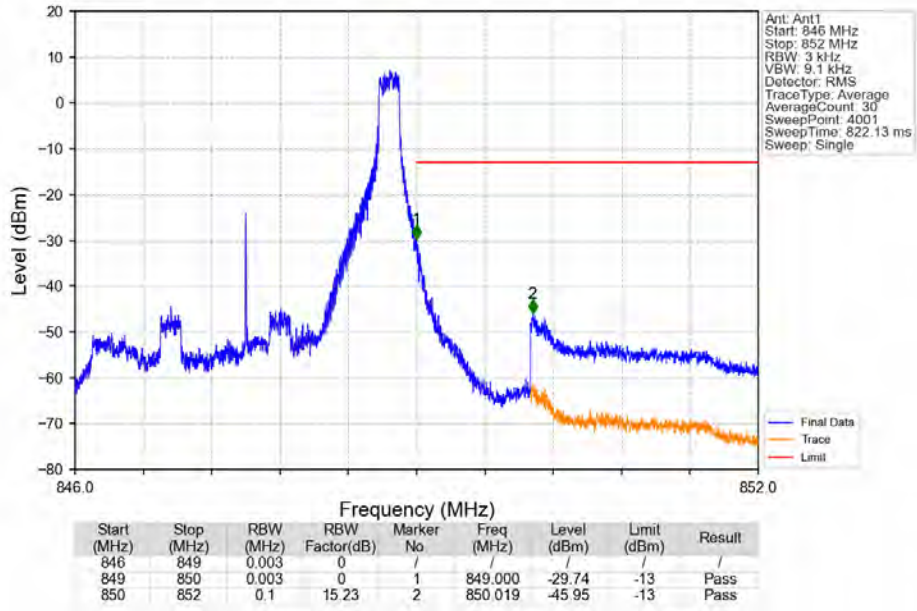
Band26b_3MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



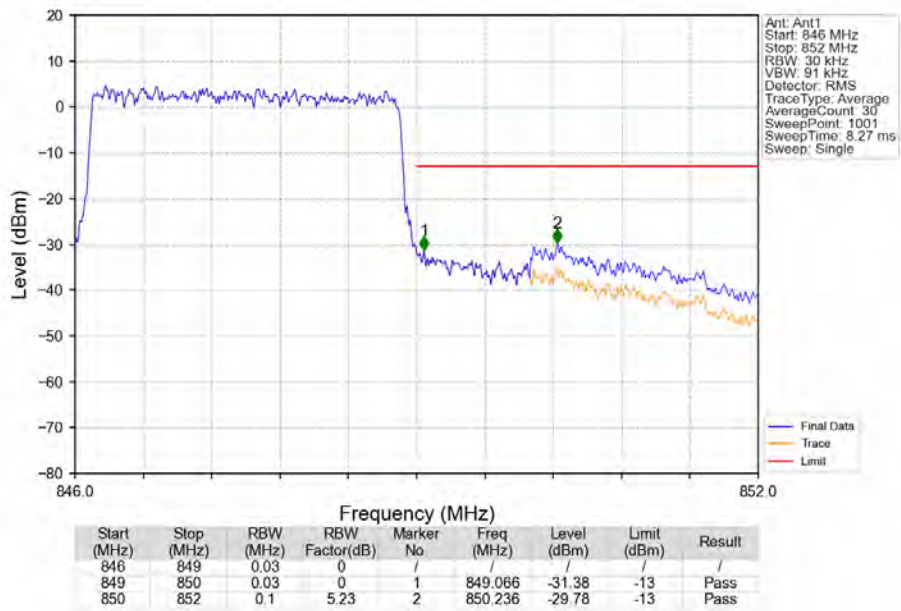
Band26b_3MHz_16QAM_HCH_847.5MHz_RB_1_0_NTNV



Band26b_3MHz_16QAM_HCH_847.5MHz_RB_1_14_NTNV



Band26b_3MHz_16QAM_HCH_847.5MHz_RB_15_0_NTNV

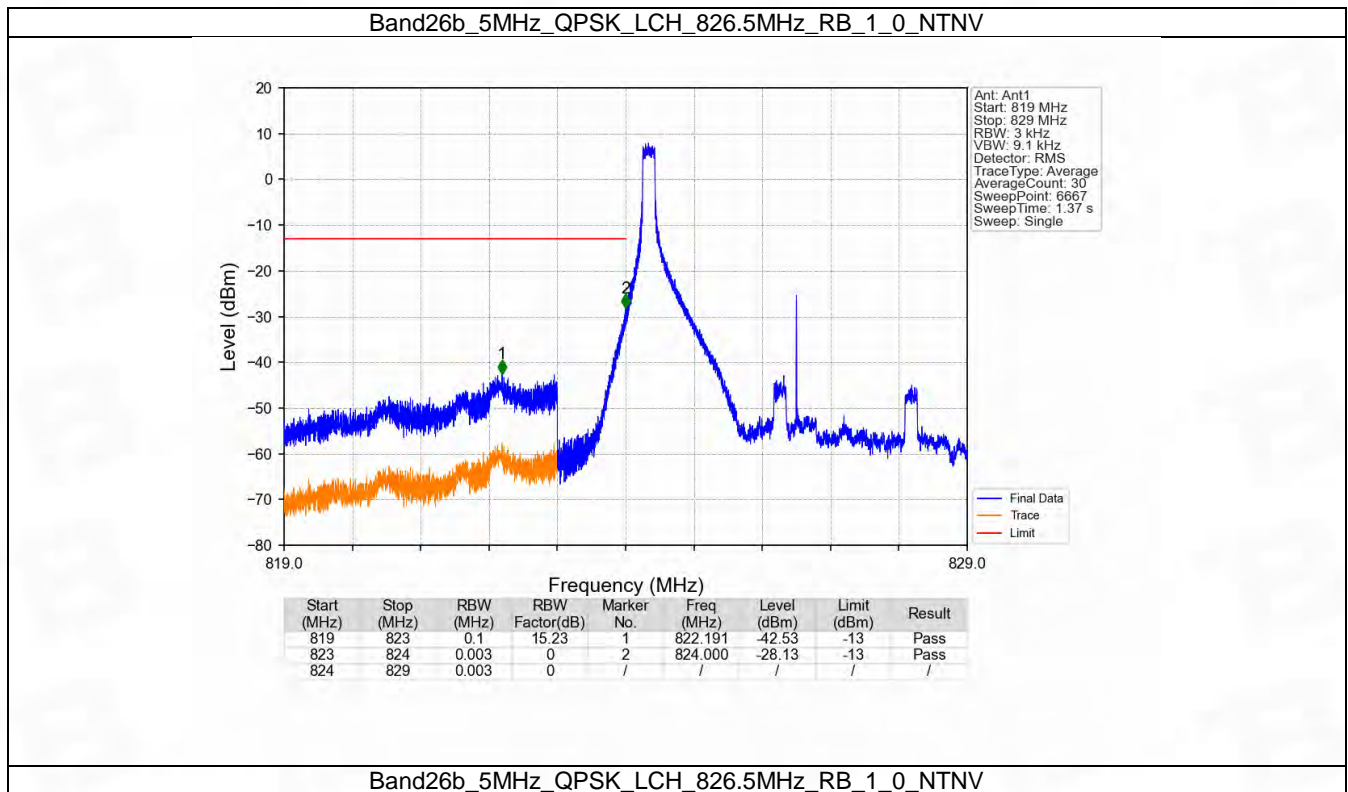


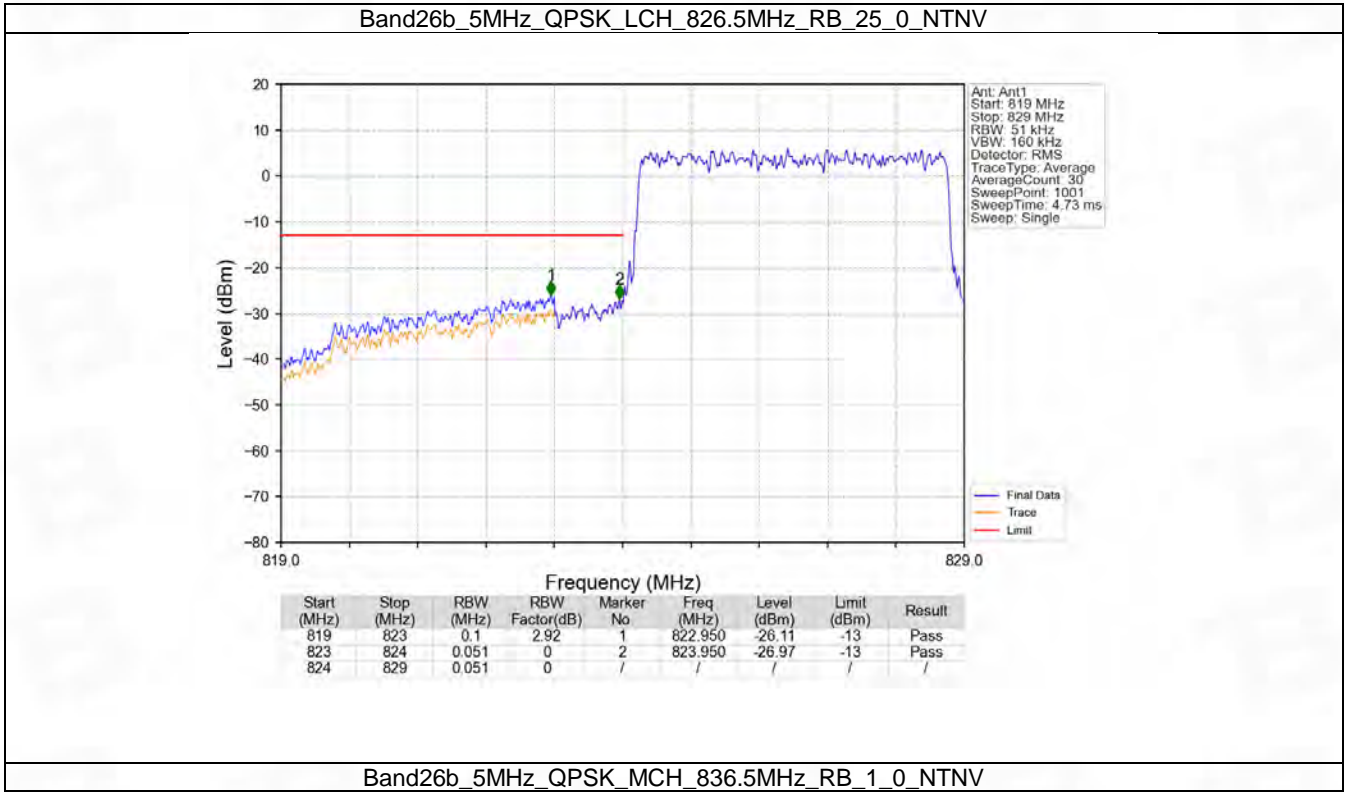
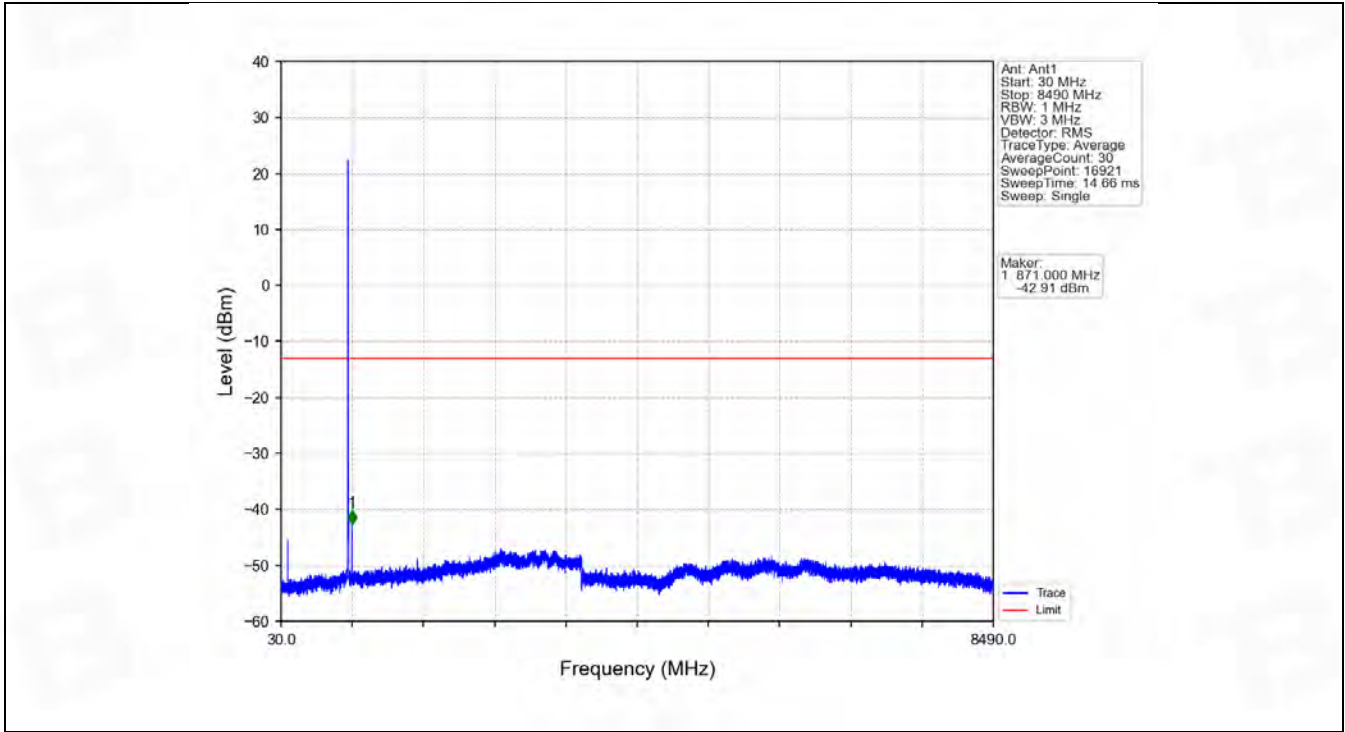
6.3 B26b_5MHz

6.3.1 Test Result

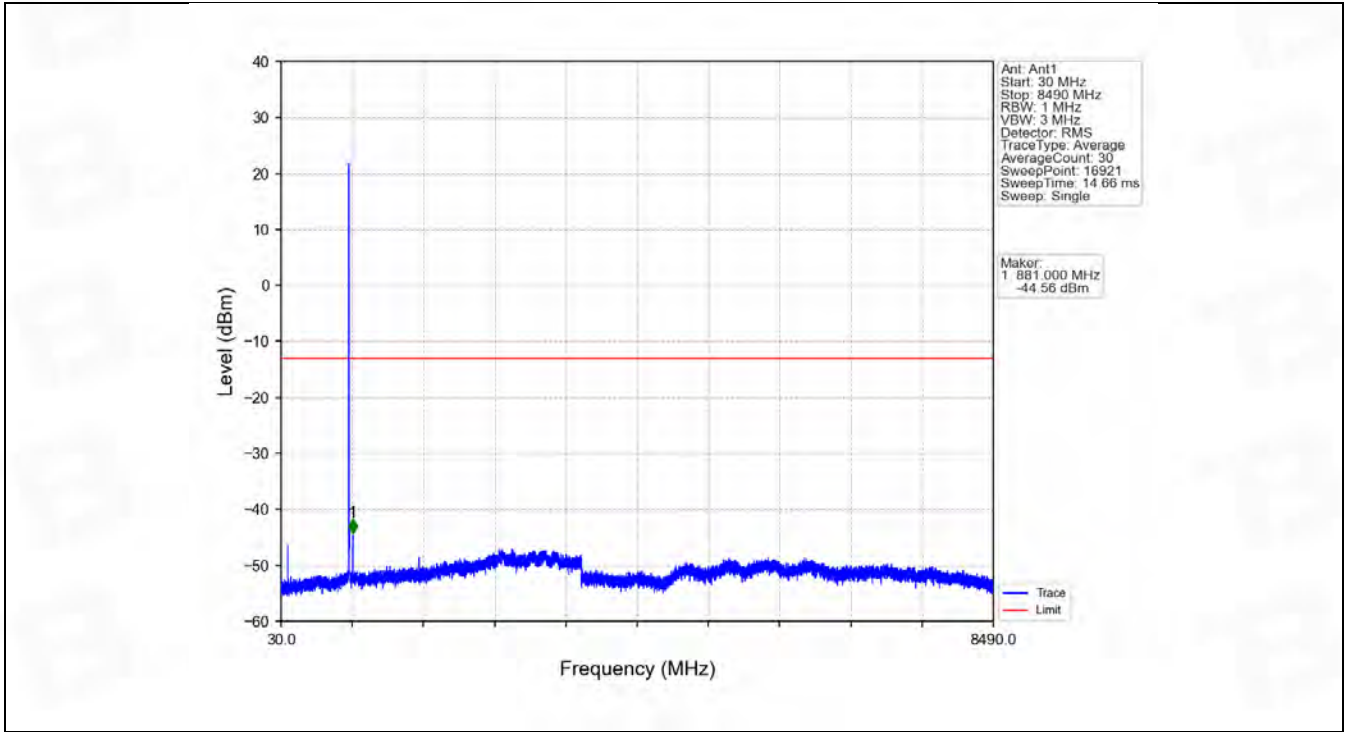
Band: 26b / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	826.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	836.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	846.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.3.2 Test Graph

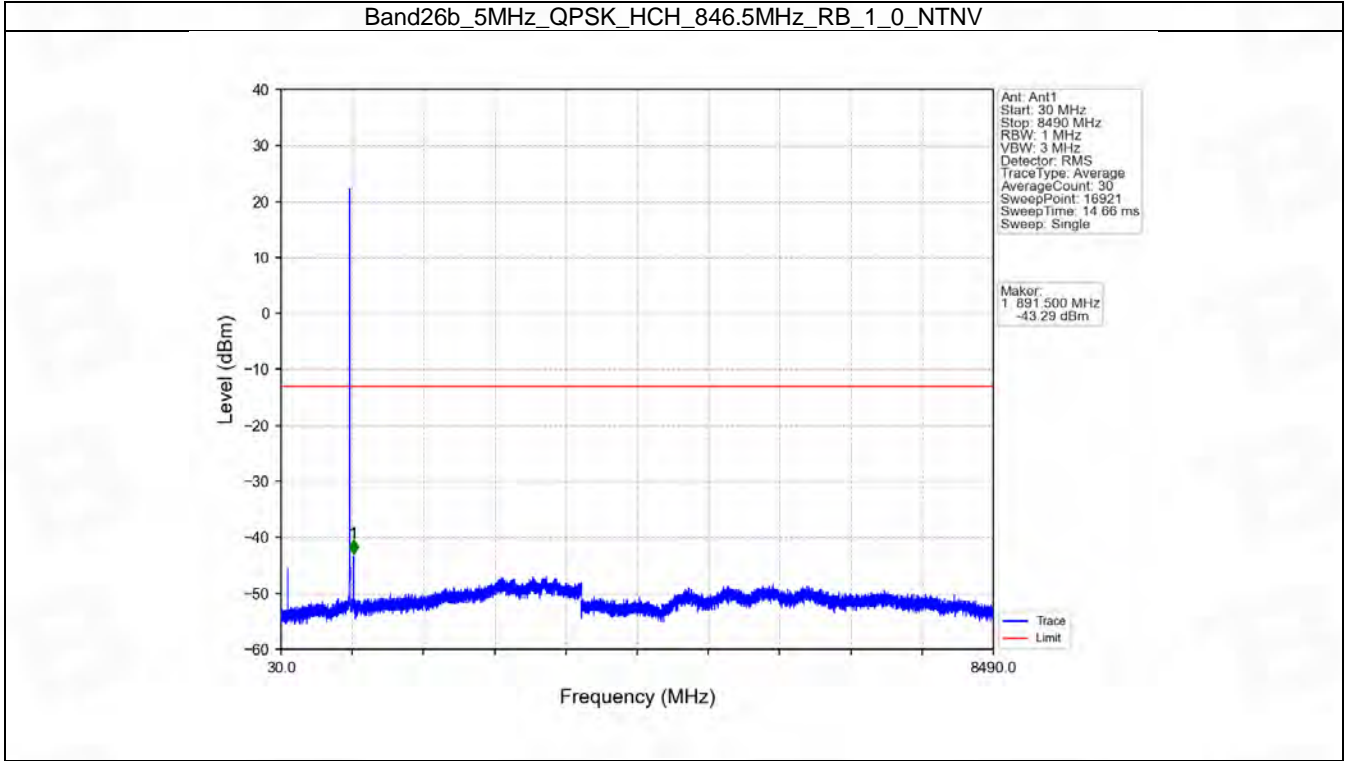




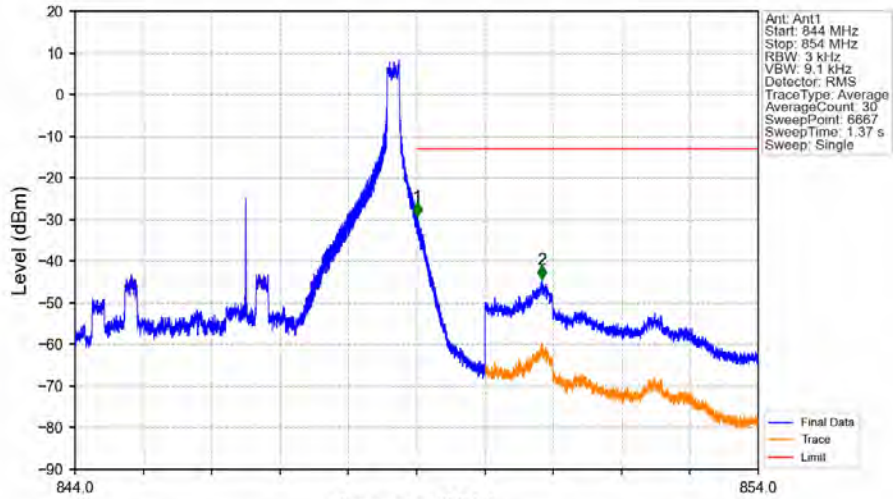
Band26b_5MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



Band26b_5MHz_QPSK_HCH_846.5MHz_RB_1_0_NTNV

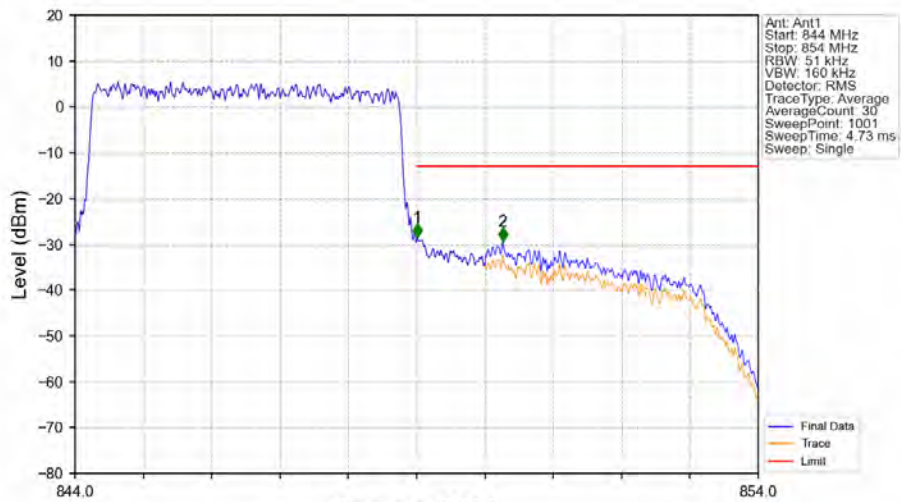


Band26b_5MHz_QPSK_HCH_846.5MHz_RB_1_24_NTNV



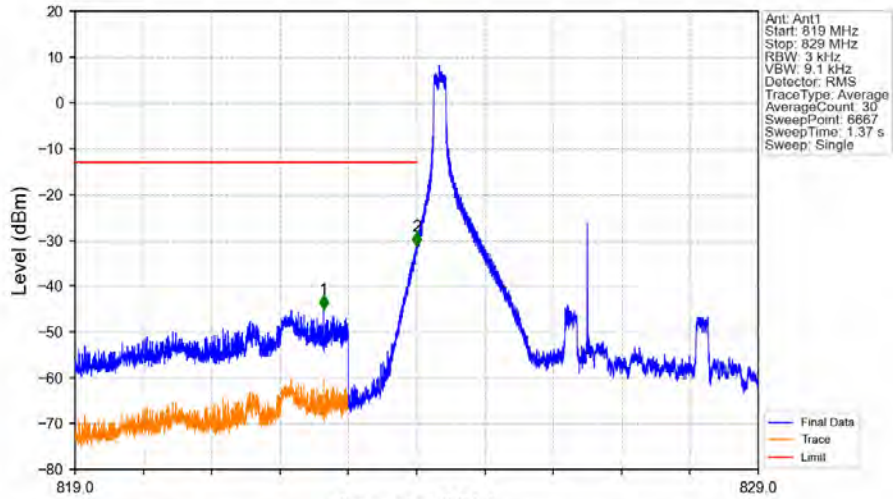
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	0	/	849.011	-29.34	-13	Pass
849	850	0.003	0	1	/	/	/	/
850	854	0.1	15.23	2	850.838	-44.41	-13	Pass

Band26b_5MHz_QPSK_HCH_846.5MHz_RB_25_0_NTNV



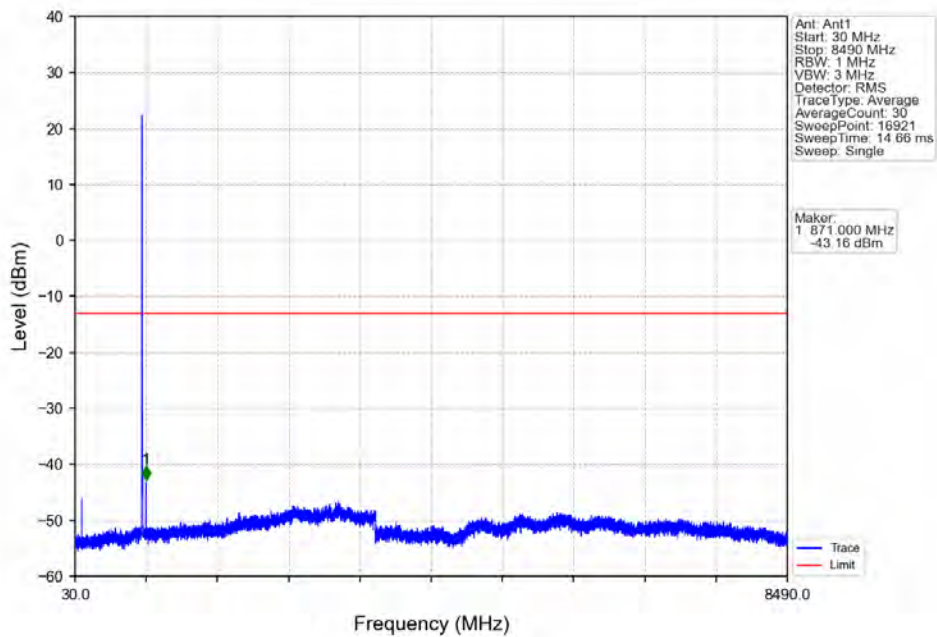
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	0	/	849.010	-28.56	-13	Pass
849	850	0.051	0	1	/	/	/	/
850	854	0.1	2.92	2	850.260	-29.37	-13	Pass

Band26b_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV

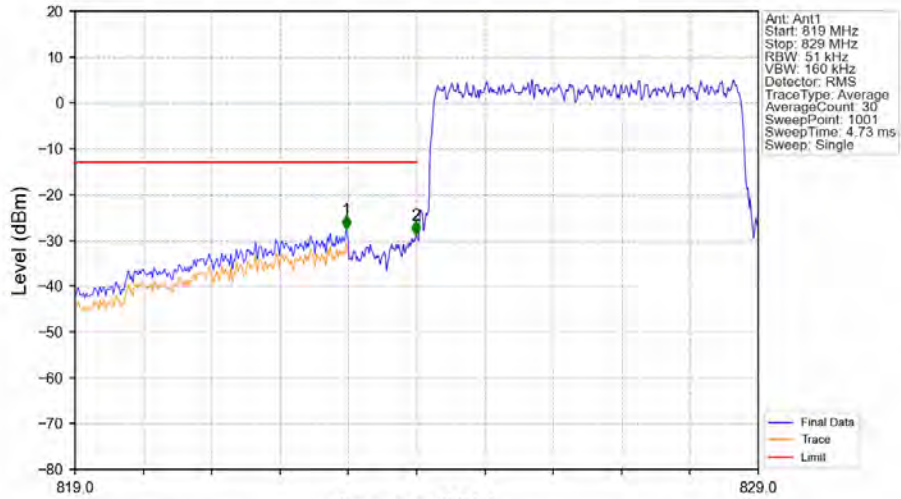


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	15.23	1	822.636	-45.15	-13	Pass
823	824	0.003	0	2	824.000	-31.30	-13	Pass
824	829	0.003	0	/	/	/	/	/

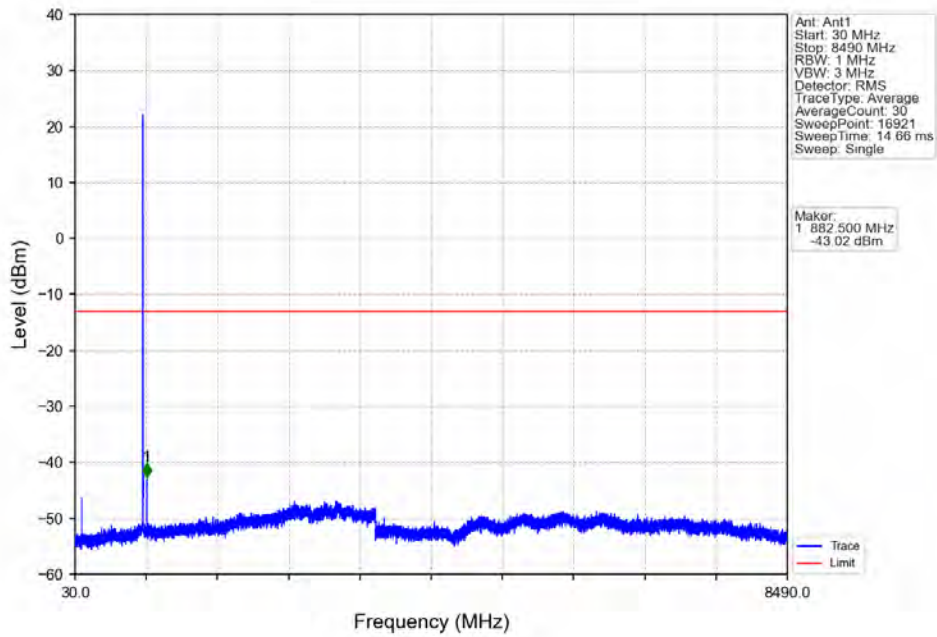
Band26b_5MHz_16QAM_LCH_826.5MHz_RB_1_0_NTNV



Band26b_5MHz_16QAM_LCH_826.5MHz_RB_25_0_NTNV

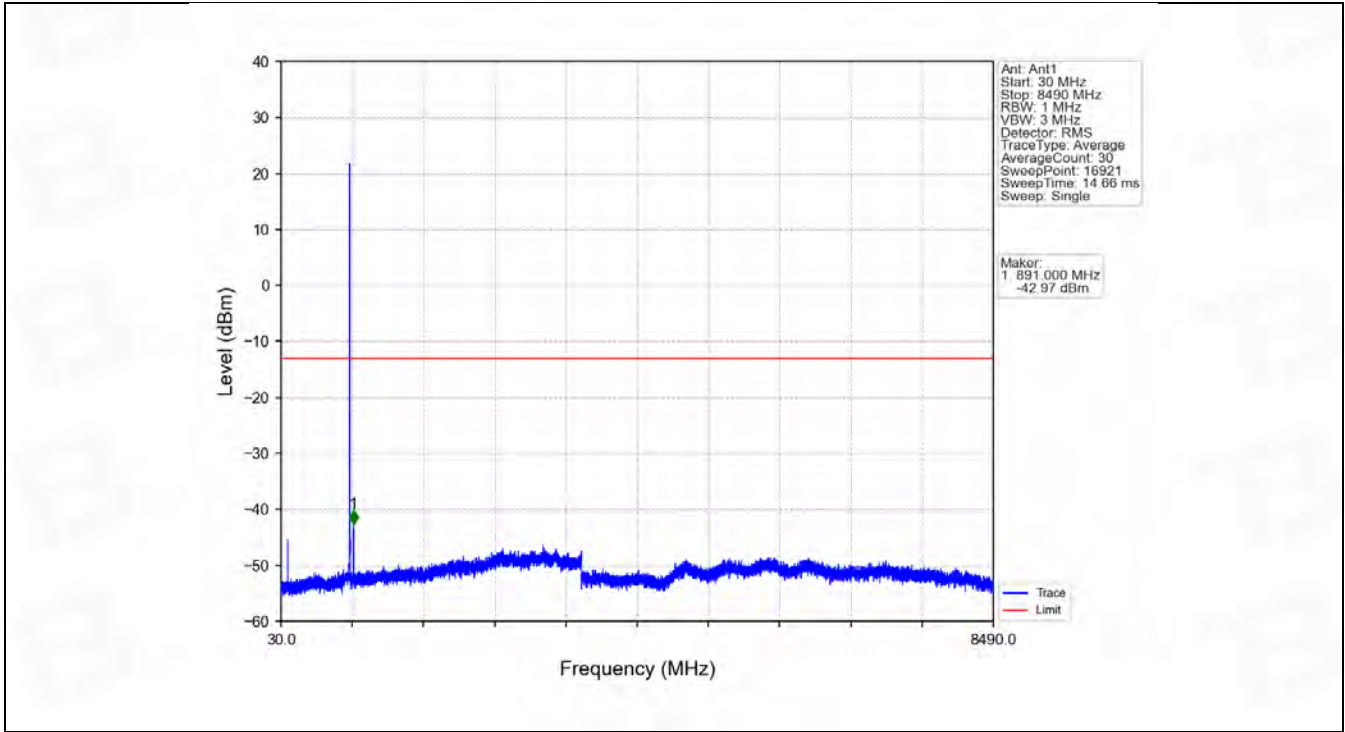


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	2.92	1	822.970	-27.64	-13	Pass
823	824	0.051	0	2	823.990	-28.91	-13	Pass
824	829	0.051	0	/	/	/	/	/

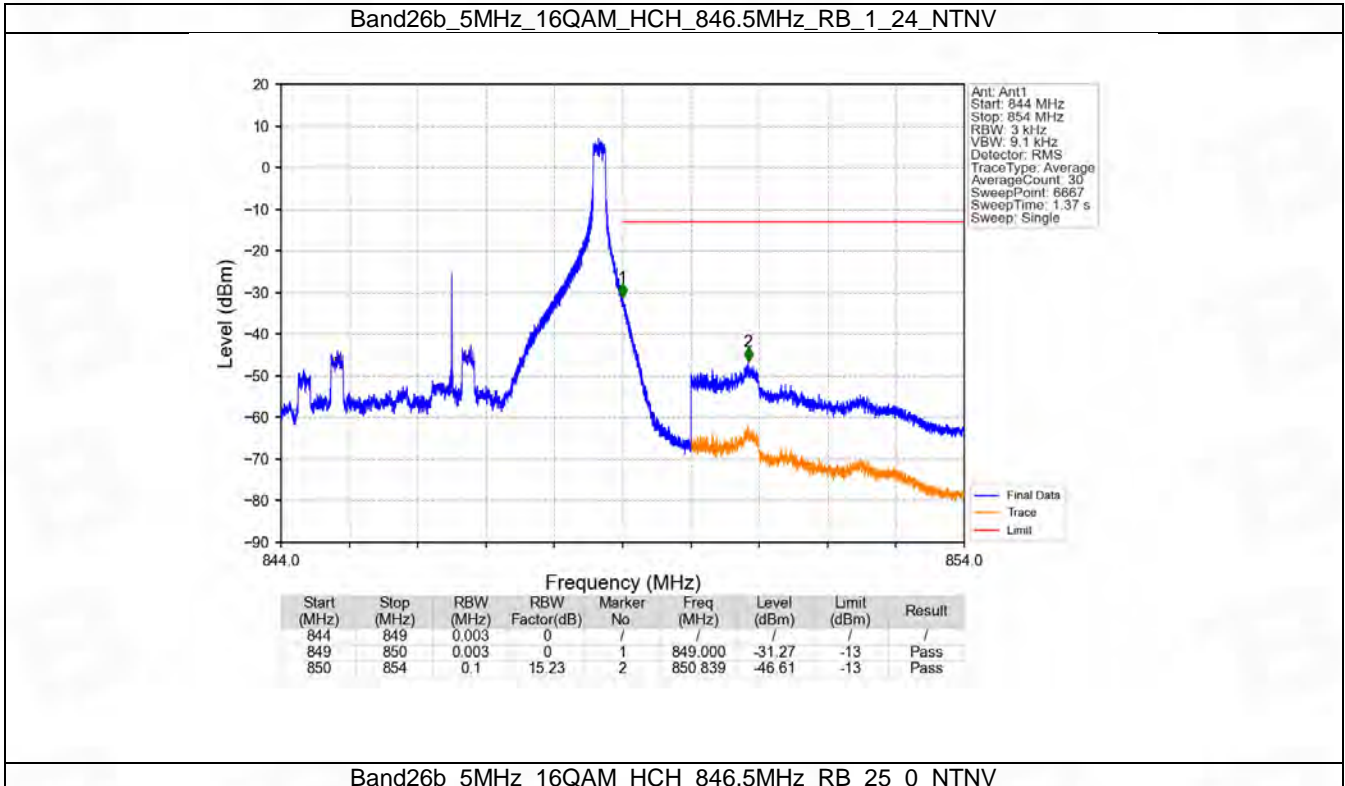


Marker:
1 832.500 MHz
-43.02 dBm

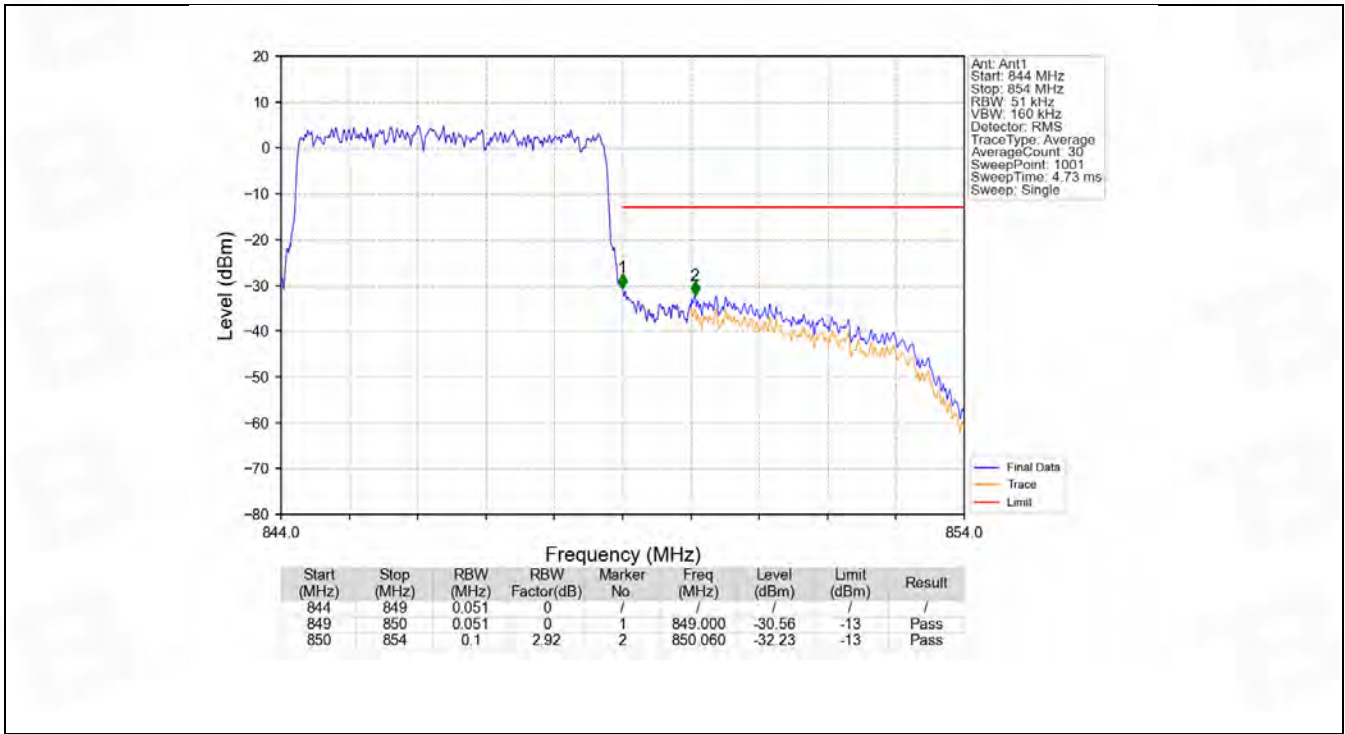
Band26b_5MHz_16QAM_HCH_846.5MHz_RB_1_0_NTNV



Band26b_5MHz_16QAM_HCH_846.5MHz_RB_1_24_NTNV



Band26b_5MHz_16QAM_HCH_846.5MHz_RB_25_0_NTNV



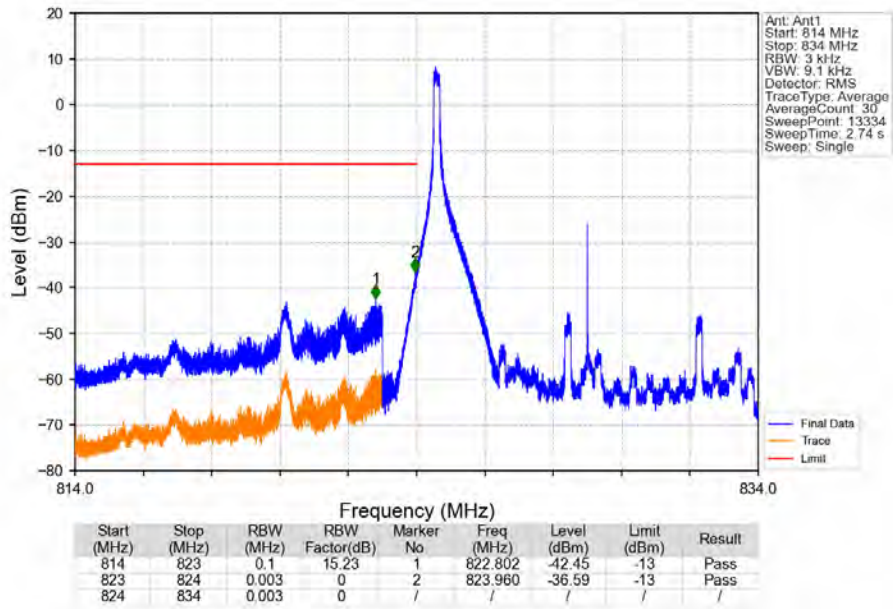
6.4 B26b_10MHz

6.4.1 Test Result

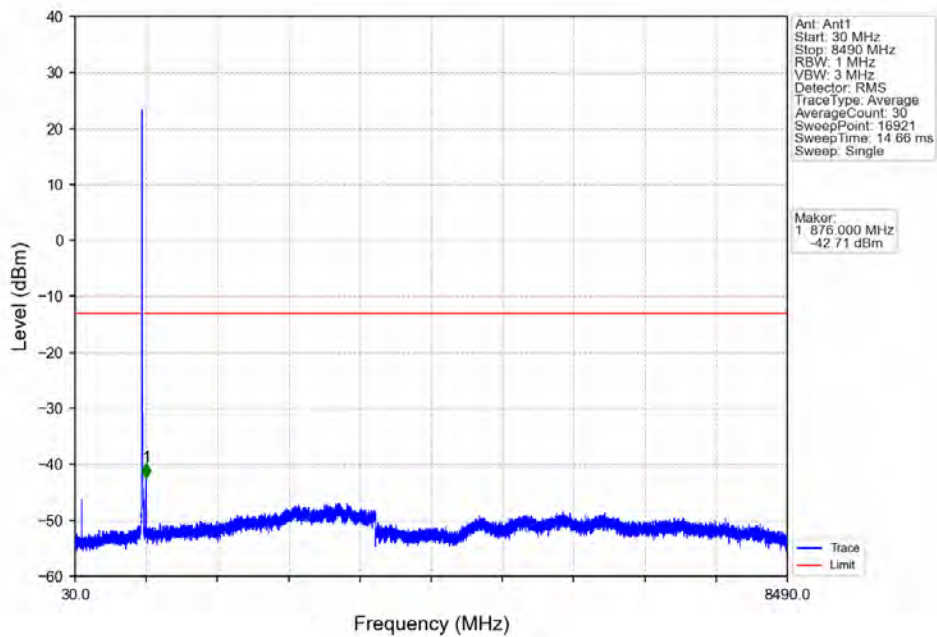
Band: 26b / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	829	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	844	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.4.2 Test Graph

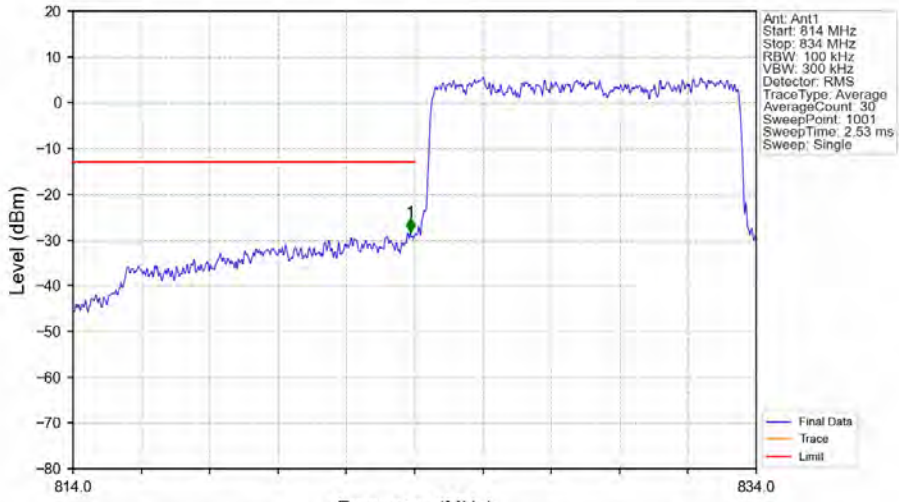
Band26b_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV



Band26b_10MHz_QPSK_LCH_829MHz_RB_1_0_NTNV

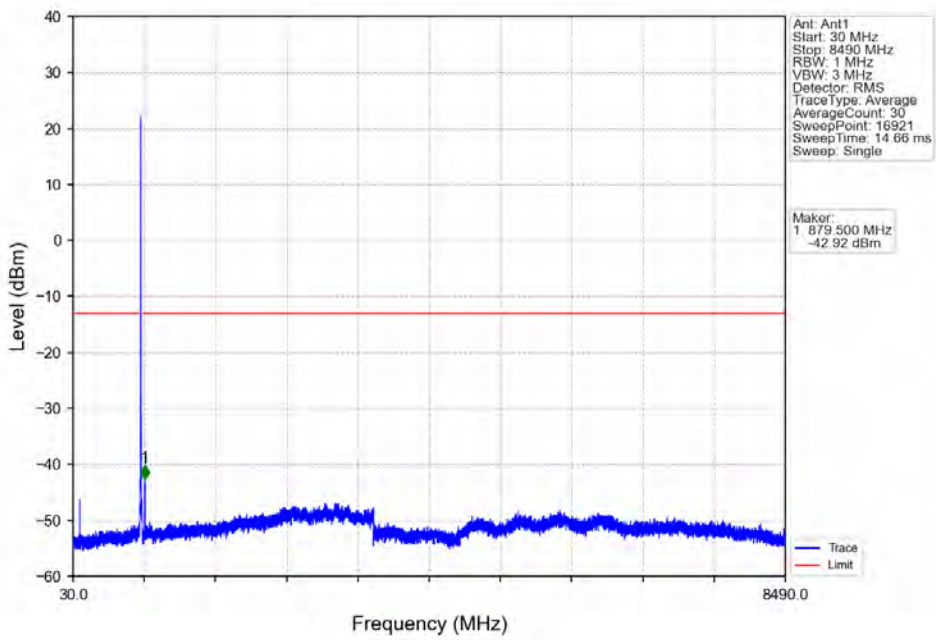


Band26b_10MHz_QPSK_LCH_829MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	0	1	823.880	-28.32	-13	Pass
824	834	0.1	0	/	/	/	/	/

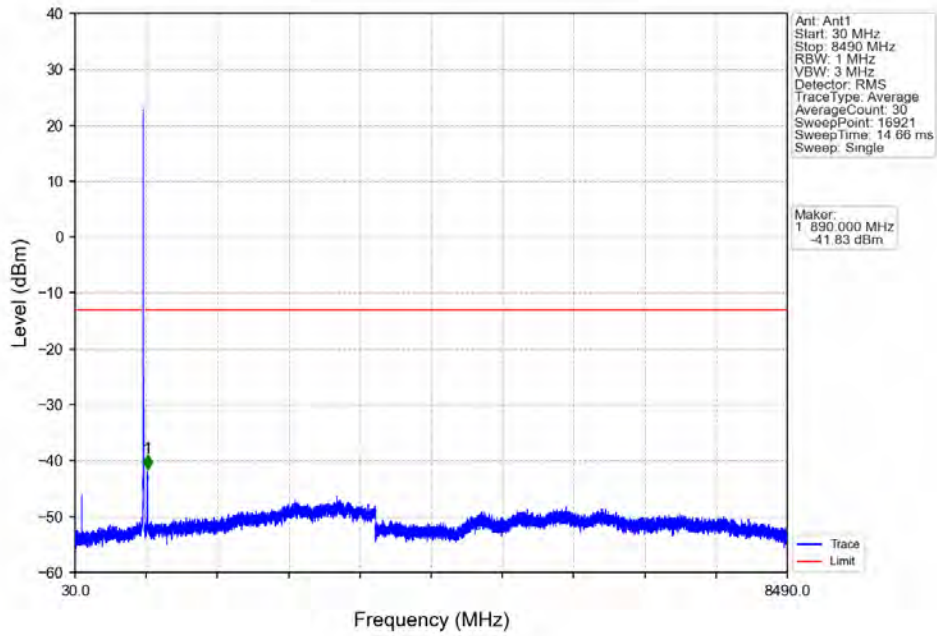
Band26b_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



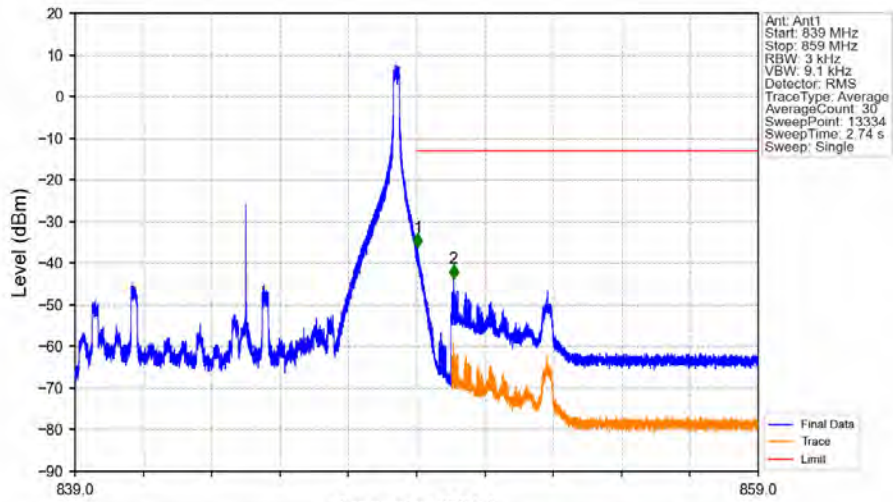
Ant: Ant1
 Start: 30 MHz
 Stop: 8490 MHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 16921
 SweepTime: 14.66 ms
 Sweep: Single

Marker:
 1 879.500 MHz
 -42.92 dBm

Band26b_10MHz_QPSK_HCH_844MHz_RB_1_0_NTNV

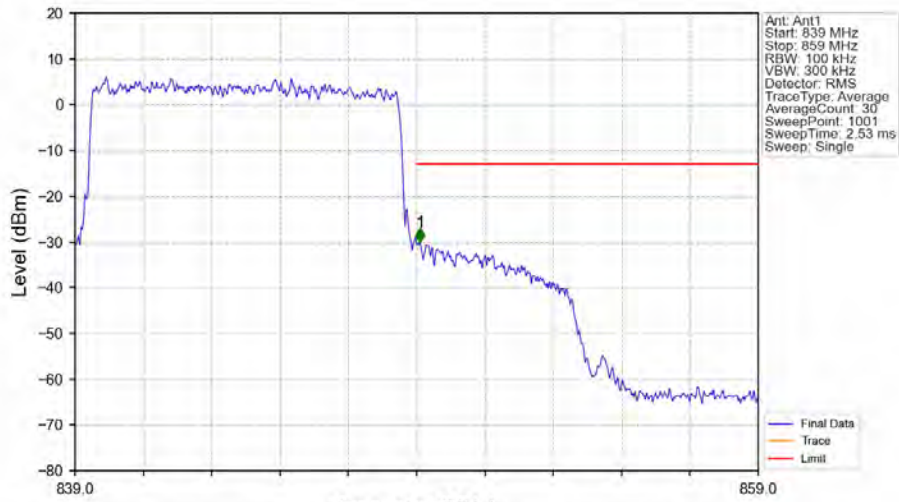


Band26b_10MHz_QPSK_HCH_844MHz_RB_1_49_NTNV



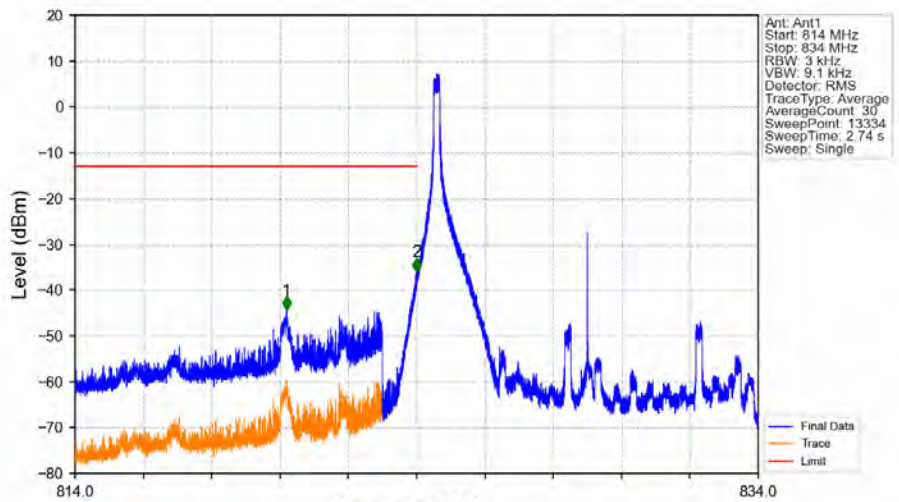
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	0	/	/	/	/	/
849	850	0.003	0	1	849.026	-36.32	-13	Pass
850	859	0.1	15.23	2	850.079	-43.75	-13	Pass

Band26b_10MHz_QPSK_HCH_844MHz_RB_50_0_NTNV



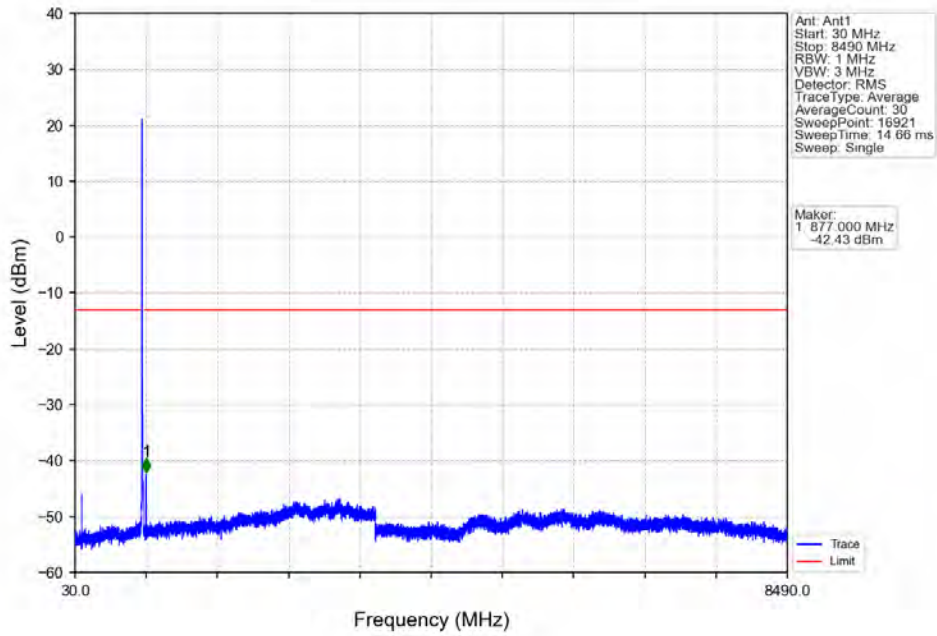
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	0					
849	859	0.1	0	1	849.100	-30.06	-13	Pass

Band26b_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

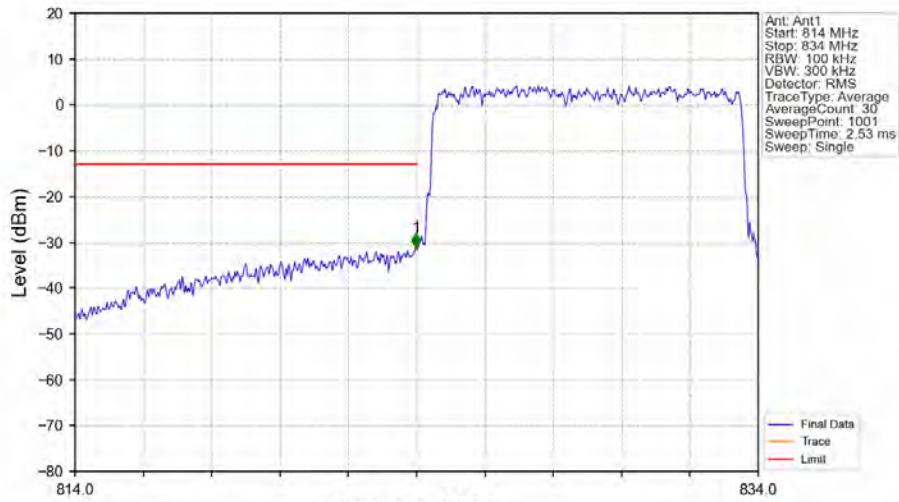


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	823	0.1	15.23	1	820.194	-44.43	-13	Pass
823	824	0.003	0	2	823.998	-36.00	-13	Pass
824	834	0.003	0	/	/	/	/	/

Band26b_10MHz_16QAM_LCH_829MHz_RB_1_0_NTNV

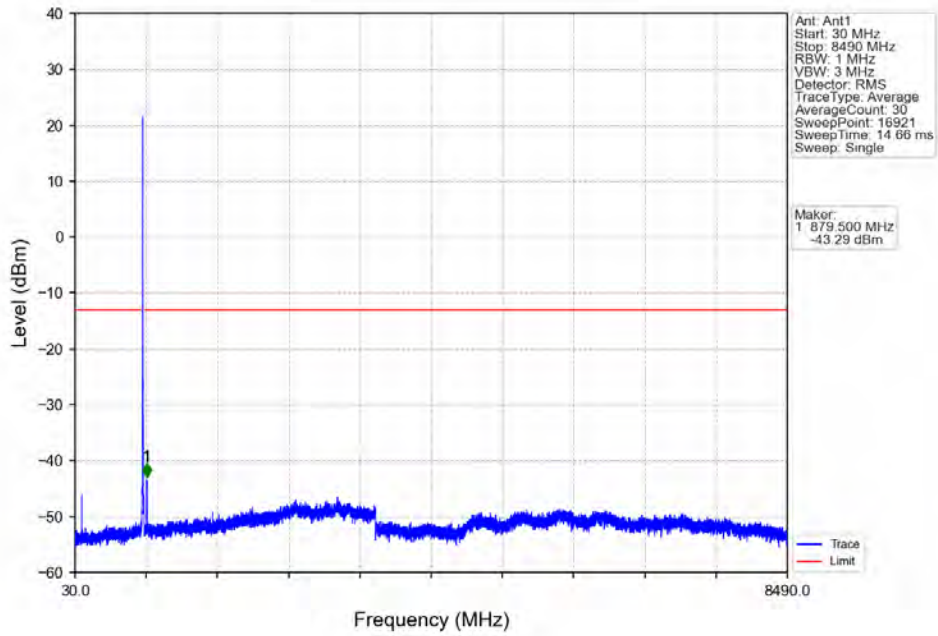


Band26b_10MHz_16QAM_LCH_829MHz_RB_50_0_NTNV

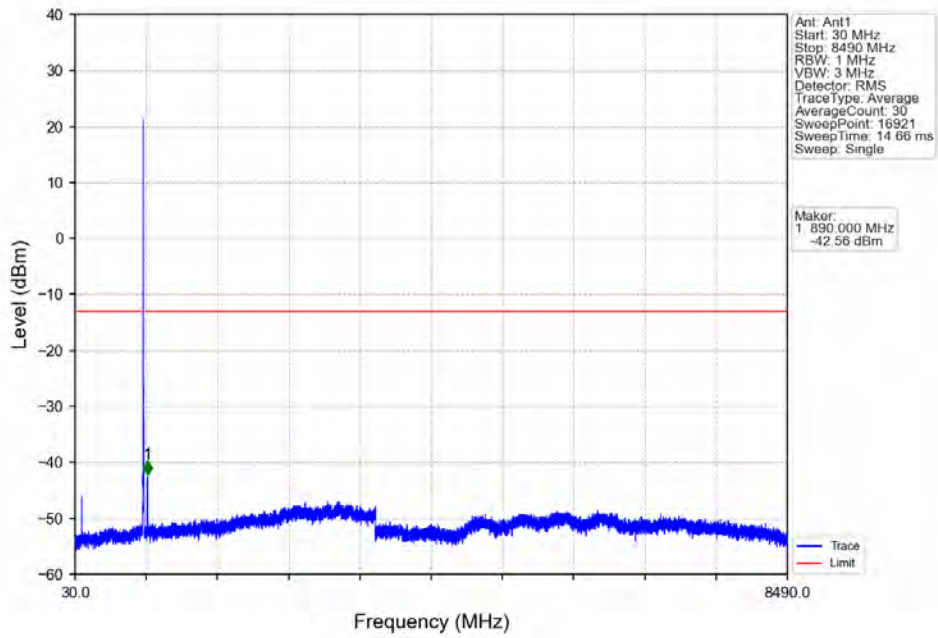


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	0	1	823.980	-31.20	-13	Pass
824	834	0.1	0	/	/	/	/	/

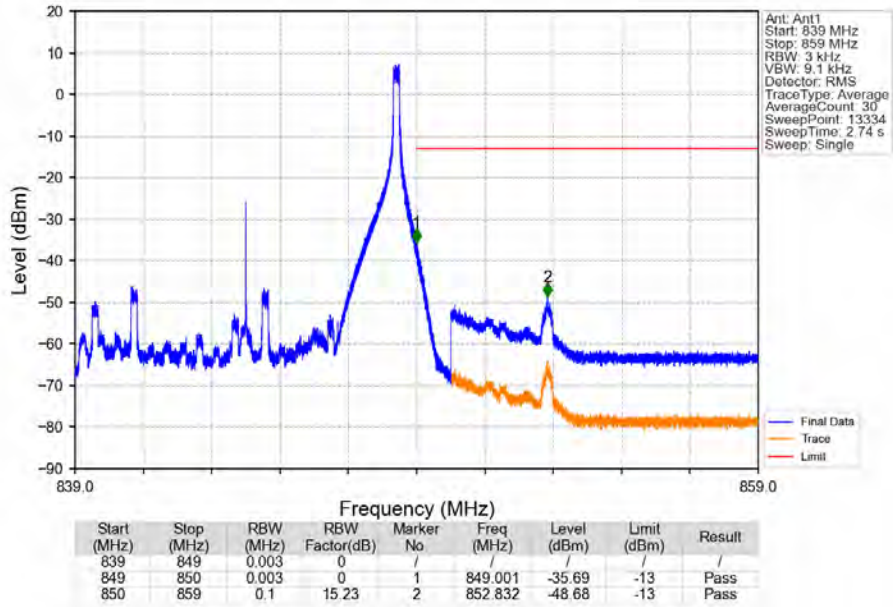
Band26b_10MHz_16QAM_MCH_836.5MHz_RB_1_0_NTNV



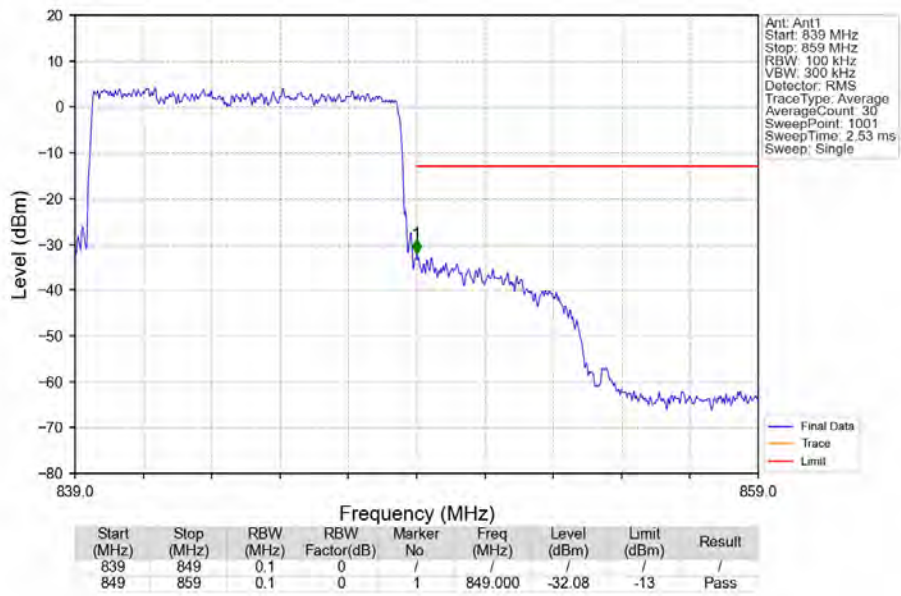
Band26b_10MHz_16QAM_HCH_844MHz_RB_1_0_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_1_49_NTNV



Band26b_10MHz_16QAM_HCH_844MHz_RB_50_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26b	1.4	824.7	848.3	0.2415	0.0045	ppm	1M12G7D	/	23.83
26b	1.4	824.7	848.3	0.1982	0.0072	ppm	1M12W7D	/	22.97
26b	3	825.5	847.5	0.2618	0.0046	ppm	2M75G7D	/	24.18
26b	3	825.5	847.5	0.2193	0.0084	ppm	2M73W7D	/	23.41
26b	5	826.5	846.5	0.2679	0.0164	ppm	4M56G7D	/	24.28
26b	5	826.5	846.5	0.2118	0.0058	ppm	4M57W7D	/	23.26
26b	10	829	844	0.2500	0.0056	ppm	9M08G7D	/	23.98
26b	10	829	844	0.2178	0.0060	ppm	9M05W7D	/	23.38

7.2 Form731_ERP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
26b	1.4	824.7	848.3	0.0812	0.0045	ppm	1M12G7D	/	19.1
26b	1.4	824.7	848.3	0.0666	0.0072	ppm	1M12W7D	/	18.24
26b	3	825.5	847.5	0.0881	0.0046	ppm	2M75G7D	/	19.45
26b	3	825.5	847.5	0.0737	0.0084	ppm	2M73W7D	/	18.68
26b	5	826.5	846.5	0.0901	0.0164	ppm	4M56G7D	/	19.55
26b	5	826.5	846.5	0.0712	0.0058	ppm	4M57W7D	/	18.53
26b	10	829	844	0.0841	0.0056	ppm	9M08G7D	/	19.25
26b	10	829	844	0.0732	0.0060	ppm	9M05W7D	/	18.65