

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	24.72	-3.50	19.07	<=38.45	Pass
			2	24.76	-3.50	19.11	<=38.45	Pass
			5	24.73	-3.50	19.08	<=38.45	Pass
		3	0	24.71	-3.50	19.06	<=38.45	Pass
			2	24.79	-3.50	19.14	<=38.45	Pass
			3	24.74	-3.50	19.09	<=38.45	Pass
		6	0	23.75	-3.50	18.10	<=38.45	Pass
	819	1	0	24.71	-3.50	19.06	<=38.45	Pass
			2	23.81	-3.50	18.16	<=38.45	Pass
			5	23.80	-3.50	18.15	<=38.45	Pass
		3	0	23.84	-3.50	18.19	<=38.45	Pass
			2	23.83	-3.50	18.18	<=38.45	Pass
			3	23.84	-3.50	18.19	<=38.45	Pass
		6	0	23.85	-3.50	18.20	<=38.45	Pass
	823.3	1	0	24.78	-3.50	19.13	<=38.45	Pass
			2	24.79	-3.50	19.14	<=38.45	Pass
			5	24.83	-3.50	19.18	<=38.45	Pass
		3	0	24.80	-3.50	19.15	<=38.45	Pass
			2	24.89	-3.50	19.24	<=38.45	Pass
			3	24.86	-3.50	19.21	<=38.45	Pass
16QAM	814.7	1	0	23.85	-3.50	18.20	<=38.45	Pass
			2	23.84	-3.50	18.19	<=38.45	Pass
			5	23.79	-3.50	18.14	<=38.45	Pass
		3	0	23.80	-3.50	18.15	<=38.45	Pass
			2	23.78	-3.50	18.13	<=38.45	Pass
			3	23.83	-3.50	18.18	<=38.45	Pass
		6	0	23.73	-3.50	18.08	<=38.45	Pass
	819	1	0	23.84	-3.50	18.19	<=38.45	Pass
			2	23.83	-3.50	18.18	<=38.45	Pass
			5	23.86	-3.50	18.21	<=38.45	Pass
		3	0	23.86	-3.50	18.21	<=38.45	Pass
			2	23.92	-3.50	18.27	<=38.45	Pass
			3	23.92	-3.50	18.27	<=38.45	Pass
		6	0	22.98	-3.50	17.33	<=38.45	Pass
	823.3	1	0	23.91	-3.50	18.26	<=38.45	Pass
			2	23.88	-3.50	18.23	<=38.45	Pass
			5	24.05	-3.50	18.40	<=38.45	Pass
		3	0	23.87	-3.50	18.22	<=38.45	Pass
			2	23.96	-3.50	18.31	<=38.45	Pass
			3	24.03	-3.50	18.38	<=38.45	Pass
64QAM	814.7	1	0	22.97	-3.50	17.32	<=38.45	Pass
			2	23.73	-3.50	18.08	<=38.45	Pass
			5	23.71	-3.50	18.06	<=38.45	Pass
		3	0	23.73	-3.50	18.08	<=38.45	Pass
			2	22.77	-3.50	17.12	<=38.45	Pass
			3	22.77	-3.50	17.12	<=38.45	Pass

		6	2	22.86	-3.50	17.21	<=38.45	Pass
			3	22.79	-3.50	17.14	<=38.45	Pass
			0	23.72	-3.50	18.07	<=38.45	Pass
	819	1	0	22.85	-3.50	17.20	<=38.45	Pass
			2	22.92	-3.50	17.27	<=38.45	Pass
			5	23.02	-3.50	17.37	<=38.45	Pass
		3	0	22.79	-3.50	17.14	<=38.45	Pass
			2	22.86	-3.50	17.21	<=38.45	Pass
			3	22.90	-3.50	17.25	<=38.45	Pass
		6	0	21.86	-3.50	16.21	<=38.45	Pass
		823.3	1	0	23.78	-3.50	18.13	<=38.45
	2			23.03	-3.50	17.38	<=38.45	Pass
	5			23.02	-3.50	17.37	<=38.45	Pass
	3		0	22.89	-3.50	17.24	<=38.45	Pass
			2	22.96	-3.50	17.31	<=38.45	Pass
			3	22.94	-3.50	17.29	<=38.45	Pass
	6		0	21.92	-3.50	16.27	<=38.45	Pass
256QAM	814.7	1	0	19.79	-3.50	14.14	<=38.45	Pass
			2	19.79	-3.50	14.14	<=38.45	Pass
			5	19.83	-3.50	14.18	<=38.45	Pass
		3	0	19.76	-3.50	14.11	<=38.45	Pass
			2	19.83	-3.50	14.18	<=38.45	Pass
			3	19.80	-3.50	14.15	<=38.45	Pass
		6	0	19.79	-3.50	14.14	<=38.45	Pass
	819	1	0	19.78	-3.50	14.13	<=38.45	Pass
			2	19.87	-3.50	14.22	<=38.45	Pass
			5	19.92	-3.50	14.27	<=38.45	Pass
		3	0	19.78	-3.50	14.13	<=38.45	Pass
			2	19.92	-3.50	14.27	<=38.45	Pass
			3	19.86	-3.50	14.21	<=38.45	Pass
		6	0	19.89	-3.50	14.24	<=38.45	Pass
	823.3	1	0	19.83	-3.50	14.18	<=38.45	Pass
			2	19.93	-3.50	14.28	<=38.45	Pass
			5	20.01	-3.50	14.36	<=38.45	Pass
		3	0	19.93	-3.50	14.28	<=38.45	Pass
			2	19.92	-3.50	14.27	<=38.45	Pass
			3	19.89	-3.50	14.24	<=38.45	Pass
		6	0	19.87	-3.50	14.22	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	815.5	1	0	24.71	-3.50	19.06	<=38.45	Pass
			7	24.77	-3.50	19.12	<=38.45	Pass
			14	24.74	-3.50	19.09	<=38.45	Pass
		8	0	23.76	-3.50	18.11	<=38.45	Pass
			4	23.85	-3.50	18.20	<=38.45	Pass
			7	23.78	-3.50	18.13	<=38.45	Pass
		15	0	23.75	-3.50	18.10	<=38.45	Pass
	819	1	0	24.73	-3.50	19.08	<=38.45	Pass
			0	24.73	-3.50	19.08	<=38.45	Pass

		8	7	23.88	-3.50	18.23	<=38.45	Pass
			14	23.86	-3.50	18.21	<=38.45	Pass
			0	23.87	-3.50	18.22	<=38.45	Pass
			4	23.85	-3.50	18.20	<=38.45	Pass
			7	23.85	-3.50	18.20	<=38.45	Pass
		15	0	23.86	-3.50	18.21	<=38.45	Pass
	822.5	1	0	24.85	-3.50	19.20	<=38.45	Pass
			7	24.83	-3.50	19.18	<=38.45	Pass
			14	24.80	-3.50	19.15	<=38.45	Pass
		8	0	23.89	-3.50	18.24	<=38.45	Pass
			4	23.89	-3.50	18.24	<=38.45	Pass
			7	23.88	-3.50	18.23	<=38.45	Pass
		15	0	23.86	-3.50	18.21	<=38.45	Pass
16QAM	815.5	1	0	23.77	-3.50	18.12	<=38.45	Pass
			7	23.98	-3.50	18.33	<=38.45	Pass
			14	23.96	-3.50	18.31	<=38.45	Pass
		8	0	22.80	-3.50	17.15	<=38.45	Pass
			4	22.83	-3.50	17.18	<=38.45	Pass
			7	22.89	-3.50	17.24	<=38.45	Pass
		15	0	22.83	-3.50	17.18	<=38.45	Pass
	819	1	0	23.90	-3.50	18.25	<=38.45	Pass
			7	23.86	-3.50	18.21	<=38.45	Pass
			14	23.80	-3.50	18.15	<=38.45	Pass
		8	0	22.79	-3.50	17.14	<=38.45	Pass
			4	22.91	-3.50	17.26	<=38.45	Pass
			7	22.86	-3.50	17.21	<=38.45	Pass
		15	0	22.86	-3.50	17.21	<=38.45	Pass
	822.5	1	0	23.94	-3.50	18.29	<=38.45	Pass
			7	24.06	-3.50	18.41	<=38.45	Pass
			14	23.98	-3.50	18.33	<=38.45	Pass
		8	0	22.89	-3.50	17.24	<=38.45	Pass
			4	23.00	-3.50	17.35	<=38.45	Pass
			7	23.00	-3.50	17.35	<=38.45	Pass
		15	0	22.93	-3.50	17.28	<=38.45	Pass
64QAM	815.5	1	0	22.95	-3.50	17.30	<=38.45	Pass
			7	22.98	-3.50	17.33	<=38.45	Pass
			14	22.80	-3.50	17.15	<=38.45	Pass
		8	0	21.78	-3.50	16.13	<=38.45	Pass
			4	21.88	-3.50	16.23	<=38.45	Pass
			7	21.84	-3.50	16.19	<=38.45	Pass
		15	0	21.78	-3.50	16.13	<=38.45	Pass
	819	1	0	22.78	-3.50	17.13	<=38.45	Pass
			7	23.11	-3.50	17.46	<=38.45	Pass
			14	22.93	-3.50	17.28	<=38.45	Pass
		8	0	21.72	-3.50	16.07	<=38.45	Pass
			4	21.92	-3.50	16.27	<=38.45	Pass
			7	21.79	-3.50	16.14	<=38.45	Pass
		15	0	21.87	-3.50	16.22	<=38.45	Pass
	822.5	1	0	23.07	-3.50	17.42	<=38.45	Pass
			7	23.87	-3.50	18.22	<=38.45	Pass
			14	23.90	-3.50	18.25	<=38.45	Pass
		8	0	23.88	-3.50	18.23	<=38.45	Pass
			4	23.89	-3.50	18.24	<=38.45	Pass
			7	23.91	-3.50	18.26	<=38.45	Pass
		15	0	23.92	-3.50	18.27	<=38.45	Pass
256QAM	815.5	1	0	19.80	-3.50	14.15	<=38.45	Pass
			7	19.92	-3.50	14.27	<=38.45	Pass

			14	19.75	-3.50	14.10	<=38.45	Pass
		8	0	19.84	-3.50	14.19	<=38.45	Pass
			4	19.77	-3.50	14.12	<=38.45	Pass
			7	19.83	-3.50	14.18	<=38.45	Pass
		15	0	19.80	-3.50	14.15	<=38.45	Pass
	819	1	0	19.73	-3.50	14.08	<=38.45	Pass
			7	19.91	-3.50	14.26	<=38.45	Pass
			14	19.88	-3.50	14.23	<=38.45	Pass
		8	0	19.76	-3.50	14.11	<=38.45	Pass
			4	19.86	-3.50	14.21	<=38.45	Pass
			7	19.86	-3.50	14.21	<=38.45	Pass
		15	0	19.83	-3.50	14.18	<=38.45	Pass
		822.5	1	0	19.94	-3.50	14.29	<=38.45
	7			20.10	-3.50	14.45	<=38.45	Pass
	14			19.99	-3.50	14.34	<=38.45	Pass
	8		0	19.89	-3.50	14.24	<=38.45	Pass
			4	19.90	-3.50	14.25	<=38.45	Pass
			7	19.95	-3.50	14.30	<=38.45	Pass
	15		0	19.91	-3.50	14.26	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	24.68	-3.50	19.03	<=38.45	Pass
			13	24.84	-3.50	19.19	<=38.45	Pass
			24	24.79	-3.50	19.14	<=38.45	Pass
		12	0	23.70	-3.50	18.05	<=38.45	Pass
			6	23.82	-3.50	18.17	<=38.45	Pass
			13	23.83	-3.50	18.18	<=38.45	Pass
		25	0	23.80	-3.50	18.15	<=38.45	Pass
	819	1	0	24.72	-3.50	19.07	<=38.45	Pass
			13	23.85	-3.50	18.20	<=38.45	Pass
			24	23.84	-3.50	18.19	<=38.45	Pass
		12	0	23.84	-3.50	18.19	<=38.45	Pass
			6	23.83	-3.50	18.18	<=38.45	Pass
			13	23.85	-3.50	18.20	<=38.45	Pass
		25	0	23.83	-3.50	18.18	<=38.45	Pass
	821.5	1	0	24.85	-3.50	19.20	<=38.45	Pass
			13	24.99	-3.50	19.34	<=38.45	Pass
			24	24.87	-3.50	19.22	<=38.45	Pass
		12	0	23.83	-3.50	18.18	<=38.45	Pass
			6	23.91	-3.50	18.26	<=38.45	Pass
			13	23.91	-3.50	18.26	<=38.45	Pass
		25	0	23.91	-3.50	18.26	<=38.45	Pass
16QAM	816.5	1	0	23.95	-3.50	18.30	<=38.45	Pass
			13	23.97	-3.50	18.32	<=38.45	Pass
			24	23.90	-3.50	18.25	<=38.45	Pass
		12	0	22.64	-3.50	16.99	<=38.45	Pass
			6	22.83	-3.50	17.18	<=38.45	Pass
			13	22.82	-3.50	17.17	<=38.45	Pass

		25	0	22.81	-3.50	17.16	<=38.45	Pass	
	819	1	0	23.87	-3.50	18.22	<=38.45	Pass	
			13	23.88	-3.50	18.23	<=38.45	Pass	
			24	23.88	-3.50	18.23	<=38.45	Pass	
			0	23.87	-3.50	18.22	<=38.45	Pass	
		12	6	23.87	-3.50	18.22	<=38.45	Pass	
			13	23.89	-3.50	18.24	<=38.45	Pass	
			25	0	23.86	-3.50	18.21	<=38.45	Pass
	821.5	1	0	23.99	-3.50	18.34	<=38.45	Pass	
			13	24.04	-3.50	18.39	<=38.45	Pass	
			24	23.92	-3.50	18.27	<=38.45	Pass	
		12	0	22.78	-3.50	17.13	<=38.45	Pass	
			6	22.97	-3.50	17.32	<=38.45	Pass	
			13	22.91	-3.50	17.26	<=38.45	Pass	
		25	0	22.93	-3.50	17.28	<=38.45	Pass	
64QAM	816.5	1	0	22.85	-3.50	17.20	<=38.45	Pass	
			13	22.95	-3.50	17.30	<=38.45	Pass	
			24	22.88	-3.50	17.23	<=38.45	Pass	
		12	0	21.72	-3.50	16.07	<=38.45	Pass	
			6	21.86	-3.50	16.21	<=38.45	Pass	
			13	21.81	-3.50	16.16	<=38.45	Pass	
		25	0	21.80	-3.50	16.15	<=38.45	Pass	
		819	1	0	23.89	-3.50	18.24	<=38.45	Pass
				13	23.89	-3.50	18.24	<=38.45	Pass
	24			23.89	-3.50	18.24	<=38.45	Pass	
	12		0	23.88	-3.50	18.23	<=38.45	Pass	
			6	23.88	-3.50	18.23	<=38.45	Pass	
			13	23.87	-3.50	18.22	<=38.45	Pass	
	25	0	23.89	-3.50	18.24	<=38.45	Pass		
	821.5	1	0	22.99	-3.50	17.34	<=38.45	Pass	
			13	23.02	-3.50	17.37	<=38.45	Pass	
			24	23.05	-3.50	17.40	<=38.45	Pass	
		12	0	21.83	-3.50	16.18	<=38.45	Pass	
			6	21.95	-3.50	16.30	<=38.45	Pass	
			13	21.94	-3.50	16.29	<=38.45	Pass	
	25	0	21.93	-3.50	16.28	<=38.45	Pass		
256QAM	816.5	1	0	19.73	-3.50	14.08	<=38.45	Pass	
			13	19.91	-3.50	14.26	<=38.45	Pass	
			24	19.89	-3.50	14.24	<=38.45	Pass	
		12	0	19.68	-3.50	14.03	<=38.45	Pass	
			6	19.81	-3.50	14.16	<=38.45	Pass	
			13	19.80	-3.50	14.15	<=38.45	Pass	
		25	0	19.79	-3.50	14.14	<=38.45	Pass	
		819	1	0	19.80	-3.50	14.15	<=38.45	Pass
				13	19.95	-3.50	14.30	<=38.45	Pass
	24			20.12	-3.50	14.47	<=38.45	Pass	
	12		0	19.76	-3.50	14.11	<=38.45	Pass	
			6	19.91	-3.50	14.26	<=38.45	Pass	
			13	19.88	-3.50	14.23	<=38.45	Pass	
	25	0	19.84	-3.50	14.19	<=38.45	Pass		
	821.5	1	0	19.86	-3.50	14.21	<=38.45	Pass	
			13	20.09	-3.50	14.44	<=38.45	Pass	
			24	19.99	-3.50	14.34	<=38.45	Pass	
		12	0	19.82	-3.50	14.17	<=38.45	Pass	
			6	19.96	-3.50	14.31	<=38.45	Pass	
			13	19.93	-3.50	14.28	<=38.45	Pass	
	25	0	19.91	-3.50	14.26	<=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 / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	24.75	-3.50	19.10	<=38.45	Pass
			25	24.85	-3.50	19.20	<=38.45	Pass
			49	24.88	-3.50	19.23	<=38.45	Pass
		25	0	23.77	-3.50	18.12	<=38.45	Pass
			13	23.88	-3.50	18.23	<=38.45	Pass
			25	23.90	-3.50	18.25	<=38.45	Pass
		50	0	23.89	-3.50	18.24	<=38.45	Pass
16QAM	819	1	0	23.96	-3.50	18.31	<=38.45	Pass
			25	24.08	-3.50	18.43	<=38.45	Pass
			49	24.00	-3.50	18.35	<=38.45	Pass
		25	0	22.79	-3.50	17.14	<=38.45	Pass
			13	22.92	-3.50	17.27	<=38.45	Pass
			25	22.93	-3.50	17.28	<=38.45	Pass
		50	0	22.88	-3.50	17.23	<=38.45	Pass
64QAM	819	1	0	23.02	-3.50	17.37	<=38.45	Pass
			25	23.15	-3.50	17.50	<=38.45	Pass
			49	22.93	-3.50	17.28	<=38.45	Pass
		25	0	21.74	-3.50	16.09	<=38.45	Pass
			13	21.90	-3.50	16.25	<=38.45	Pass
			25	21.92	-3.50	16.27	<=38.45	Pass
		50	0	21.86	-3.50	16.21	<=38.45	Pass
256QAM	819	1	0	19.75	-3.50	14.10	<=38.45	Pass
			25	19.89	-3.50	14.24	<=38.45	Pass
			49	19.98	-3.50	14.33	<=38.45	Pass
		25	0	19.72	-3.50	14.07	<=38.45	Pass
			13	19.92	-3.50	14.27	<=38.45	Pass
			25	19.94	-3.50	14.29	<=38.45	Pass
		50	0	19.86	-3.50	14.21	<=38.45	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 B26a_10MHz

2.1.1 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	3.65	-0.715	-0.0009	-2.5 to 2.5	Pass
					3.87	-1.345	-0.0016	-2.5 to 2.5	Pass
					4.45	-1.631	-0.0020	-2.5 to 2.5	Pass
				-30	3.87	-1.559	-0.0019	-2.5 to 2.5	Pass

				-20	3.87	-1.845	-0.0023	-2.5 to 2.5	Pass
				-10	3.87	-0.901	-0.0011	-2.5 to 2.5	Pass
				0	3.87	0.815	0.0010	-2.5 to 2.5	Pass
				10	3.87	0.830	0.0010	-2.5 to 2.5	Pass
				30	3.87	-1.459	-0.0018	-2.5 to 2.5	Pass
				40	3.87	0.687	0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.072	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

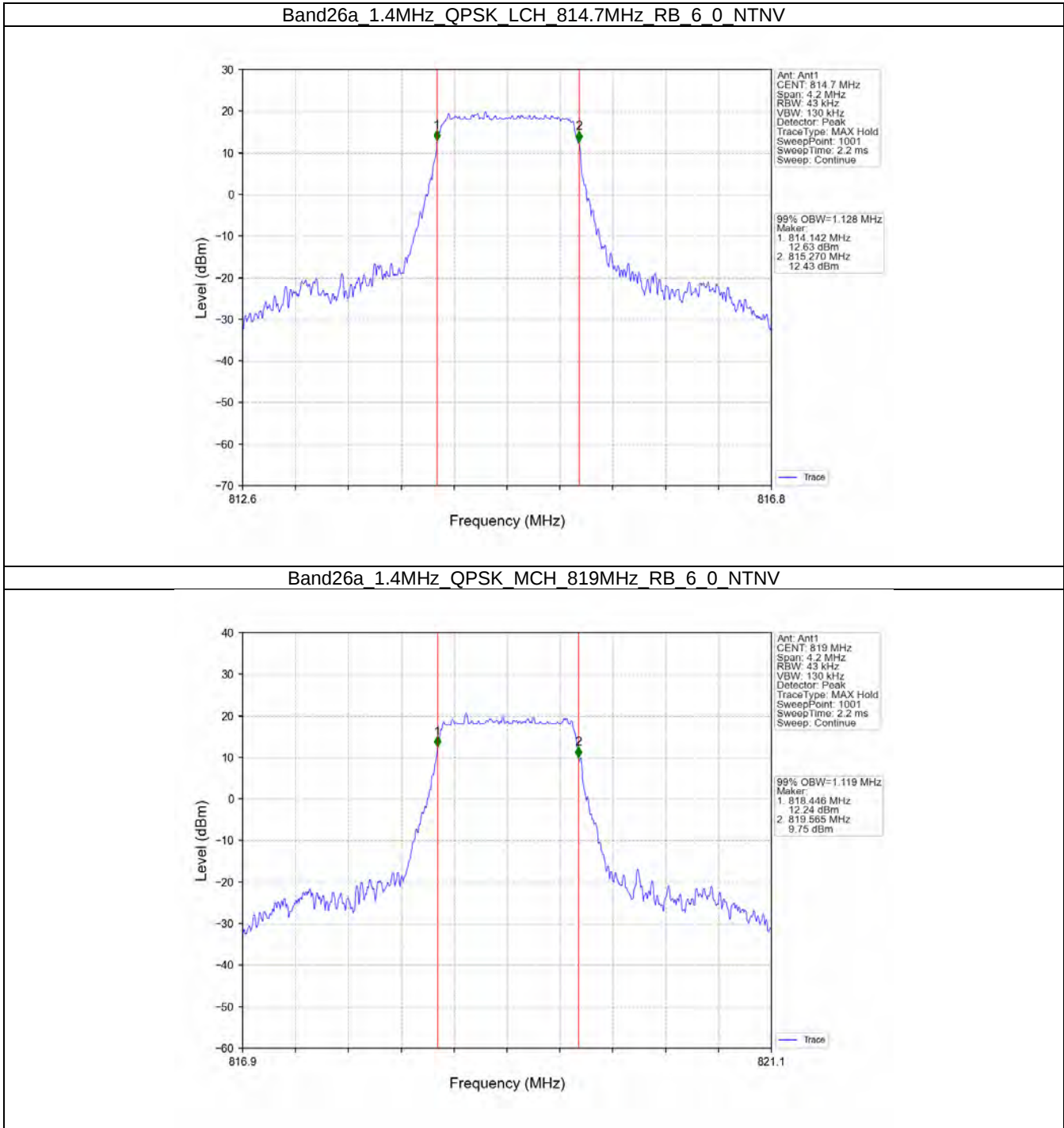
3.1 Band26a_OBW

3.1.1 Test Result

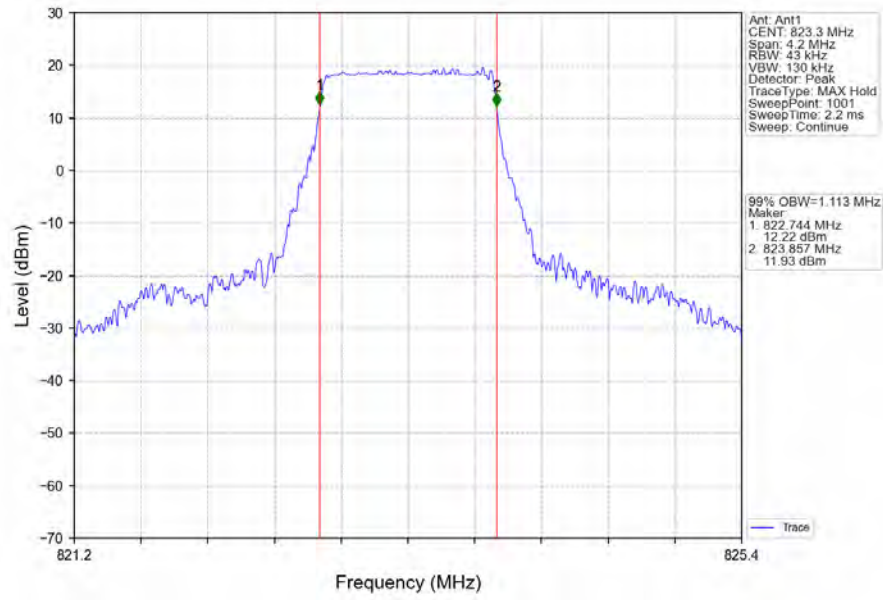
Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.128	/	Pass
		819	6	0	1.119	/	Pass
		823.3	6	0	1.113	/	Pass
	16QAM	814.7	6	0	1.124	/	Pass
		819	6	0	1.127	/	Pass
		823.3	6	0	1.120	/	Pass
	64QAM	814.7	6	0	1.120	/	Pass
		819	6	0	1.129	/	Pass
		823.3	6	0	1.129	/	Pass
	256QAM	814.7	6	0	1.128	/	Pass
		819	6	0	1.124	/	Pass
		823.3	6	0	1.127	/	Pass
3	QPSK	815.5	15	0	2.738	/	Pass
		819	15	0	2.740	/	Pass
		822.5	15	0	2.749	/	Pass
	16QAM	815.5	15	0	2.741	/	Pass
		819	15	0	2.754	/	Pass
		822.5	15	0	2.761	/	Pass
	64QAM	815.5	15	0	2.744	/	Pass
		819	15	0	2.745	/	Pass
		822.5	15	0	2.763	/	Pass
	256QAM	815.5	15	0	2.735	/	Pass
		819	15	0	2.742	/	Pass
		822.5	15	0	2.737	/	Pass
5	QPSK	816.5	25	0	4.572	/	Pass
		819	25	0	4.565	/	Pass
		821.5	25	0	4.553	/	Pass
	16QAM	816.5	25	0	4.573	/	Pass
		819	25	0	4.585	/	Pass
		821.5	25	0	4.576	/	Pass
	64QAM	816.5	25	0	4.563	/	Pass
		819	25	0	4.565	/	Pass
		821.5	25	0	4.565	/	Pass
	256QAM	816.5	25	0	4.565	/	Pass
		819	25	0	4.562	/	Pass
		821.5	25	0	4.566	/	Pass
10	QPSK	819	50	0	9.050	/	Pass

	16QAM	819	50	0	9.078	/	Pass
	64QAM	819	50	0	9.039	/	Pass
	256QAM	819	50	0	9.065	/	Pass

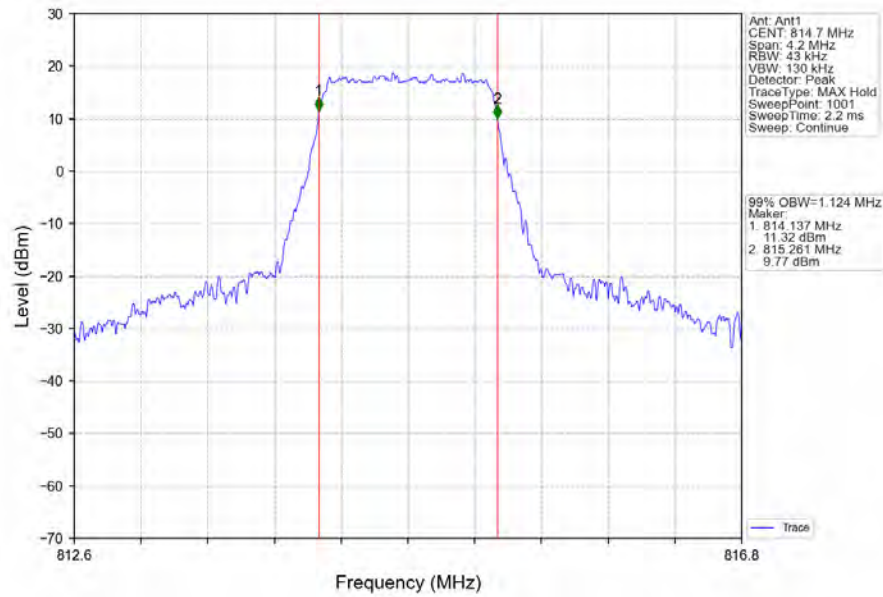
3.1.2 Test Graph



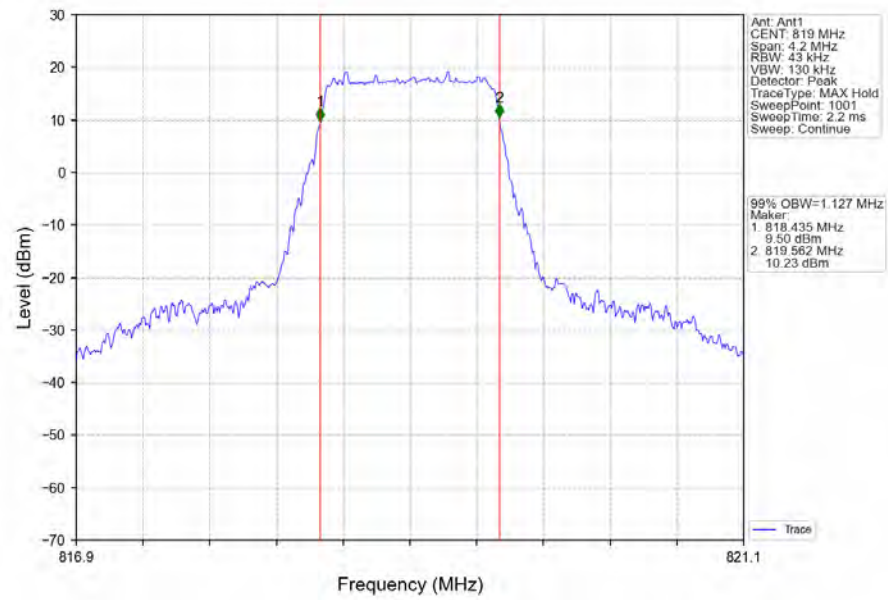
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



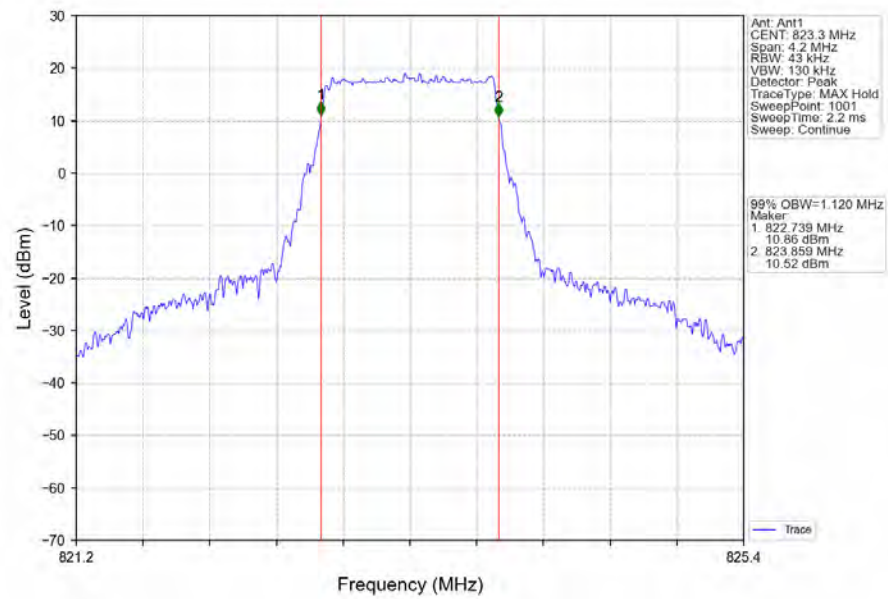
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



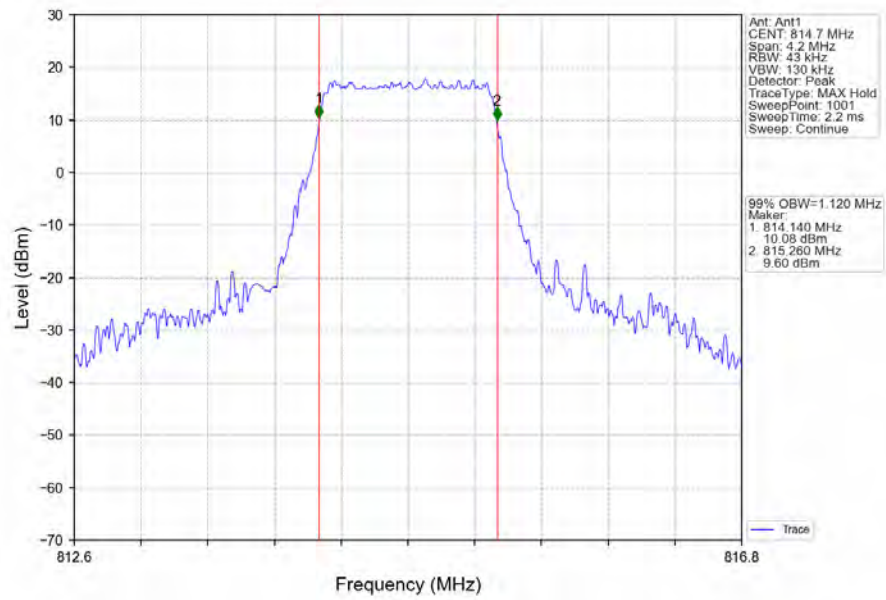
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



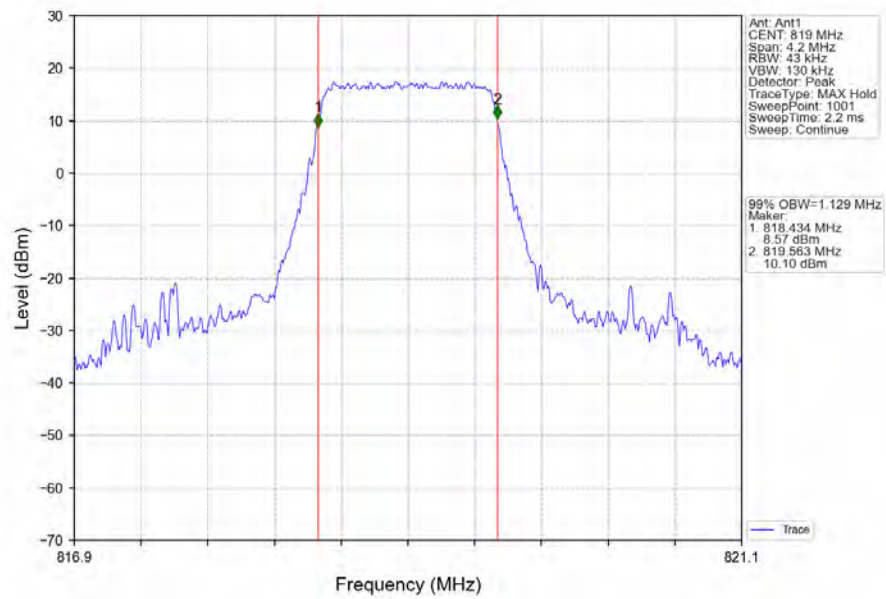
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



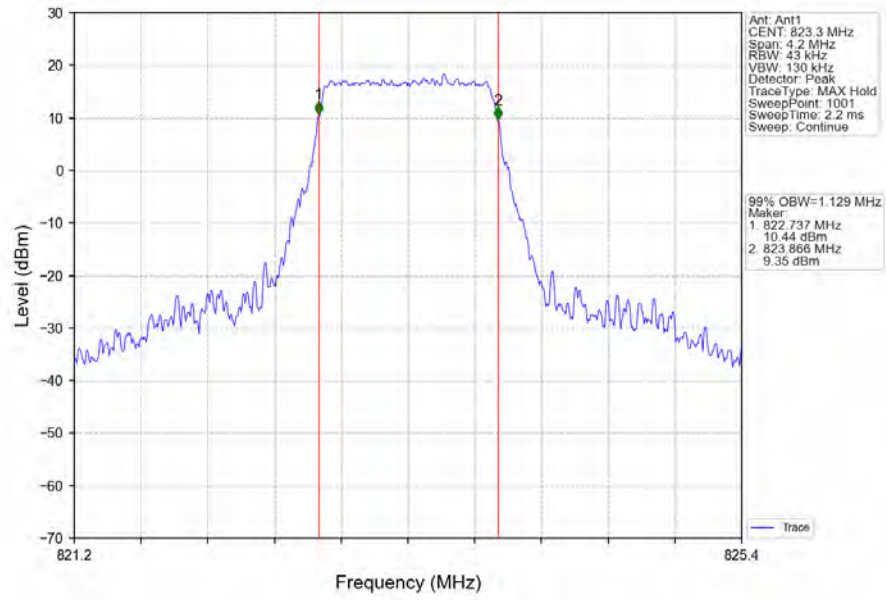
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



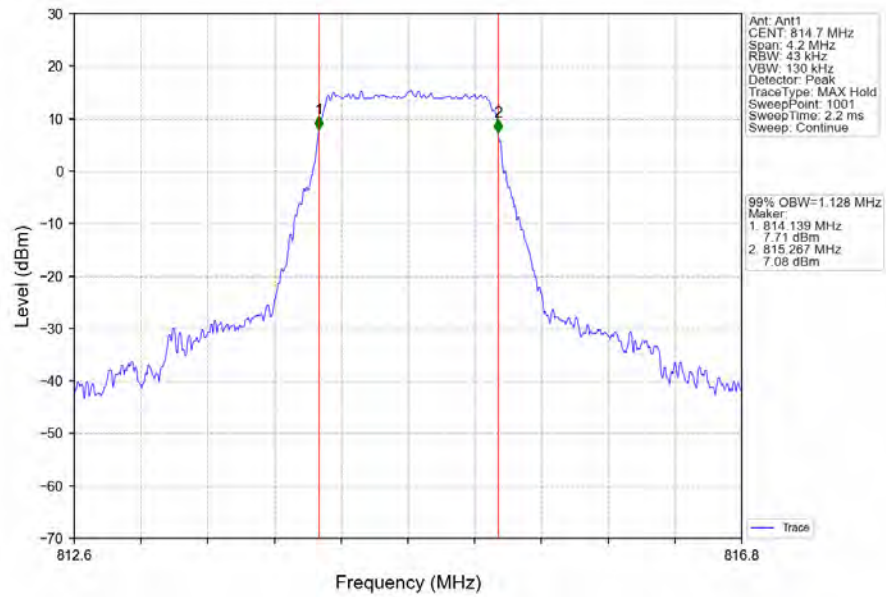
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



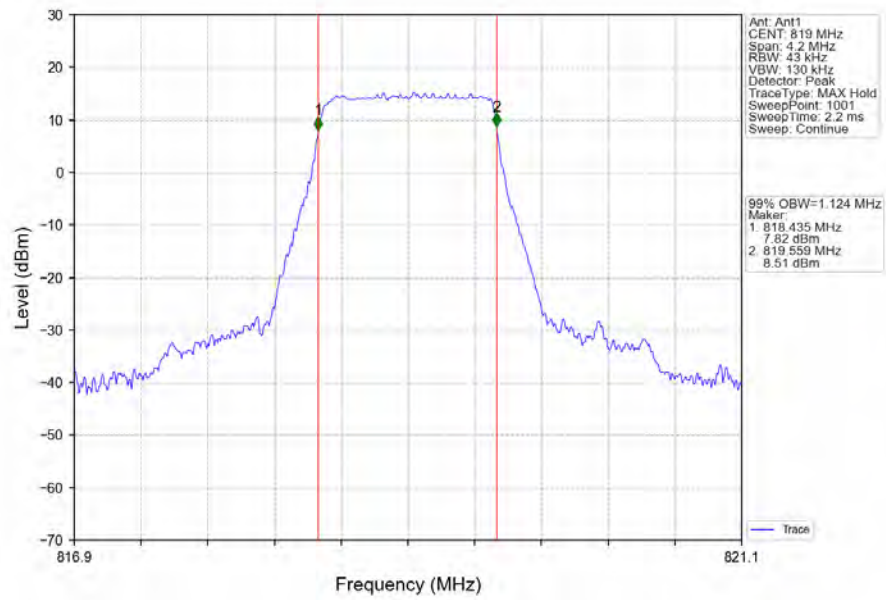
Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



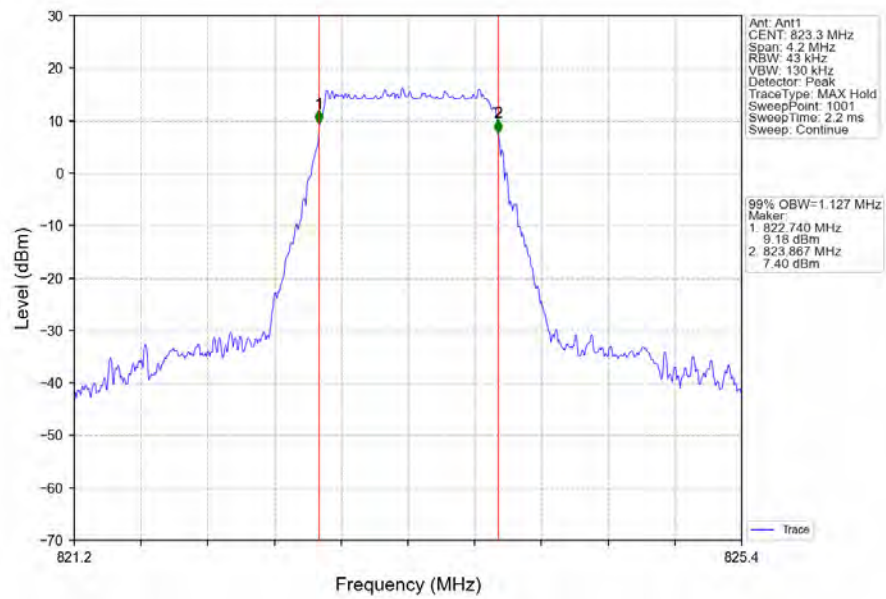
Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV



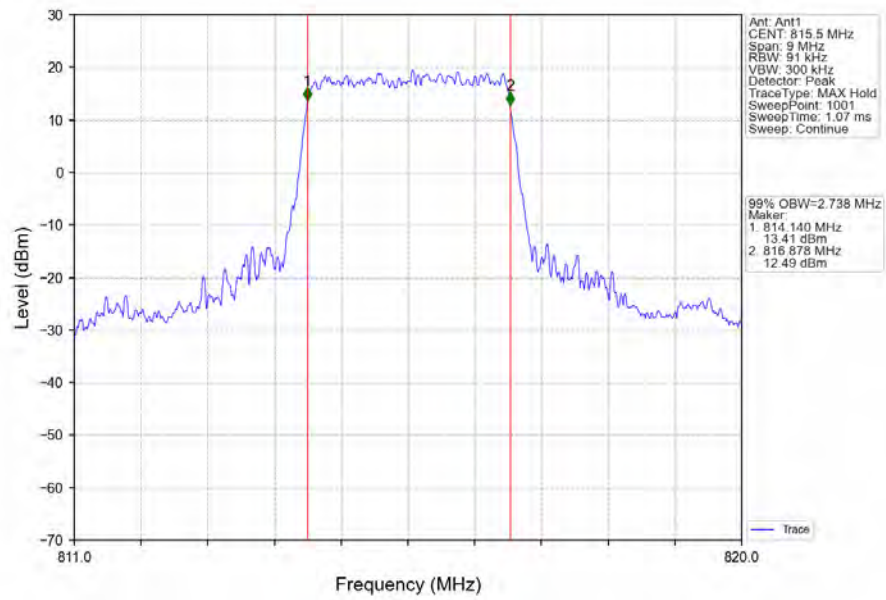
Band26a_1.4MHz_256QAM_MCH_819MHz_RB_6_0_NTNV



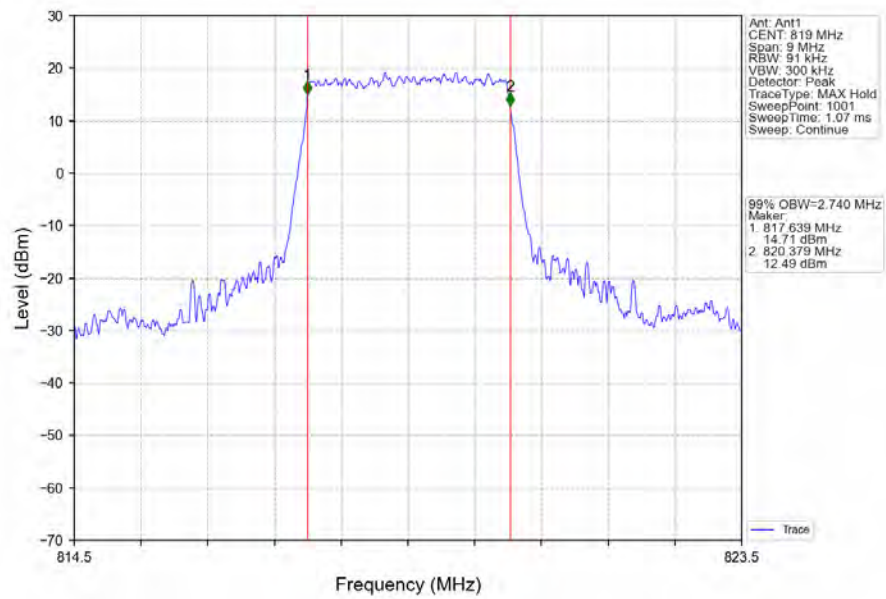
Band26a_1.4MHz_256QAM_HCH_823.3MHz_RB_6_0_NTNV



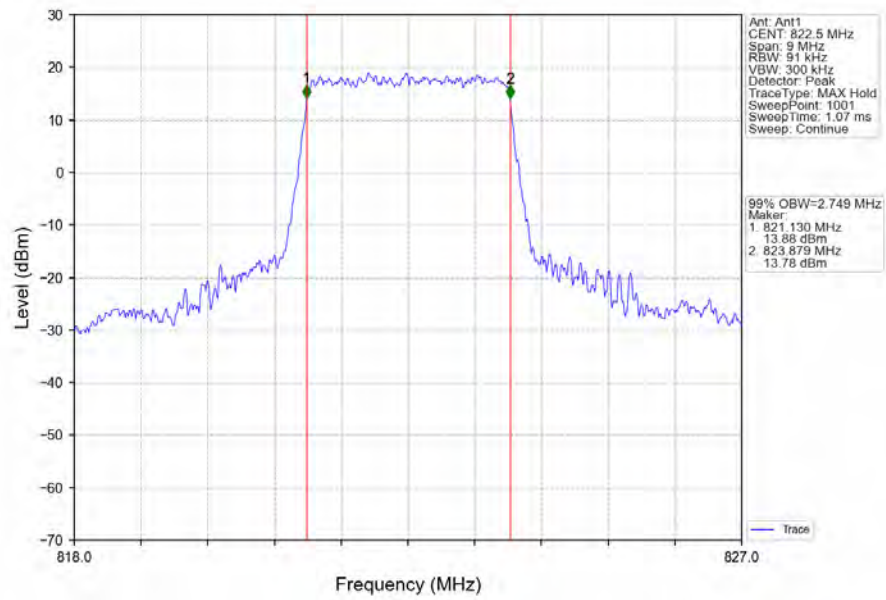
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



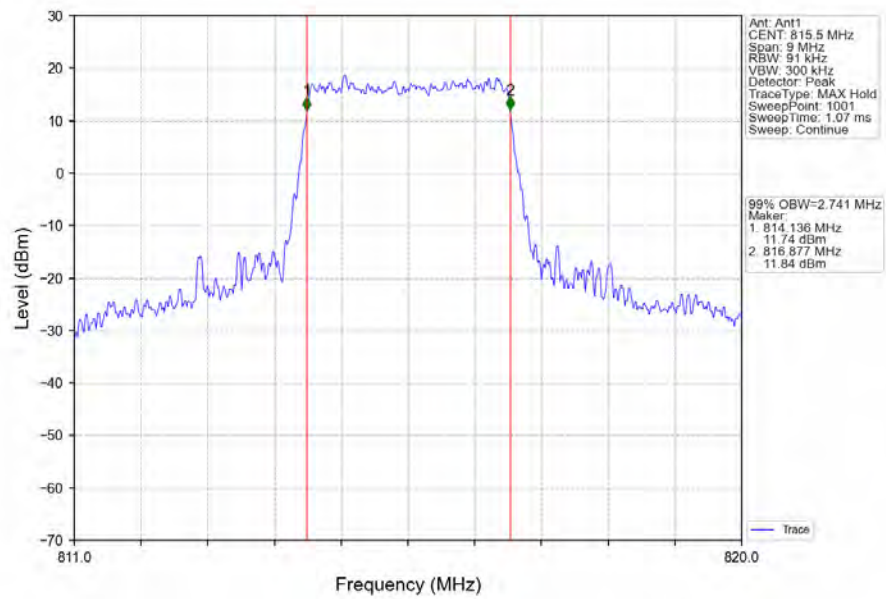
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



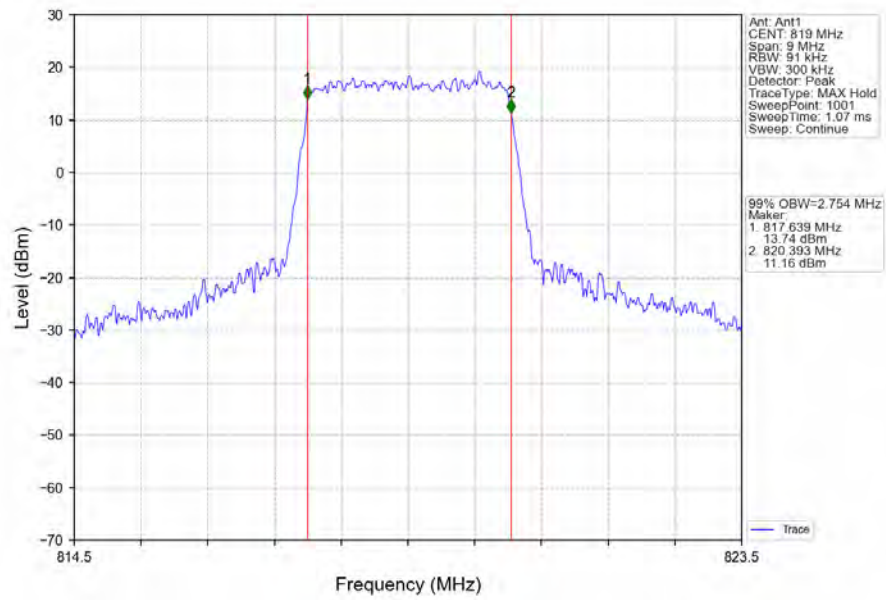
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



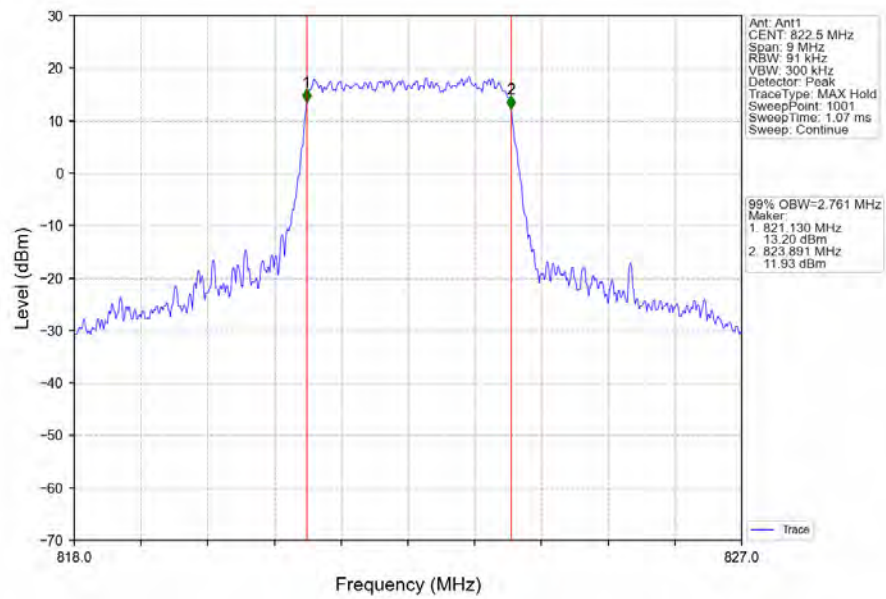
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



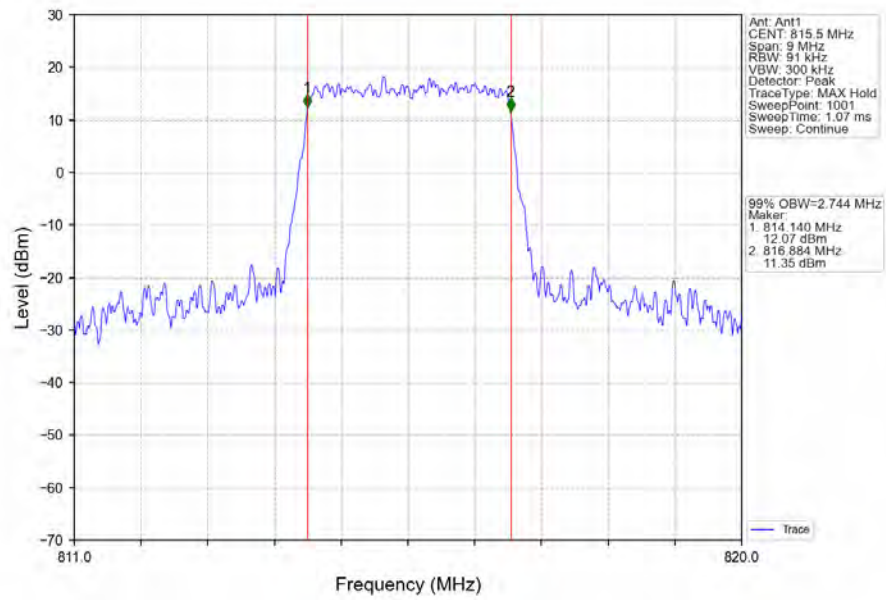
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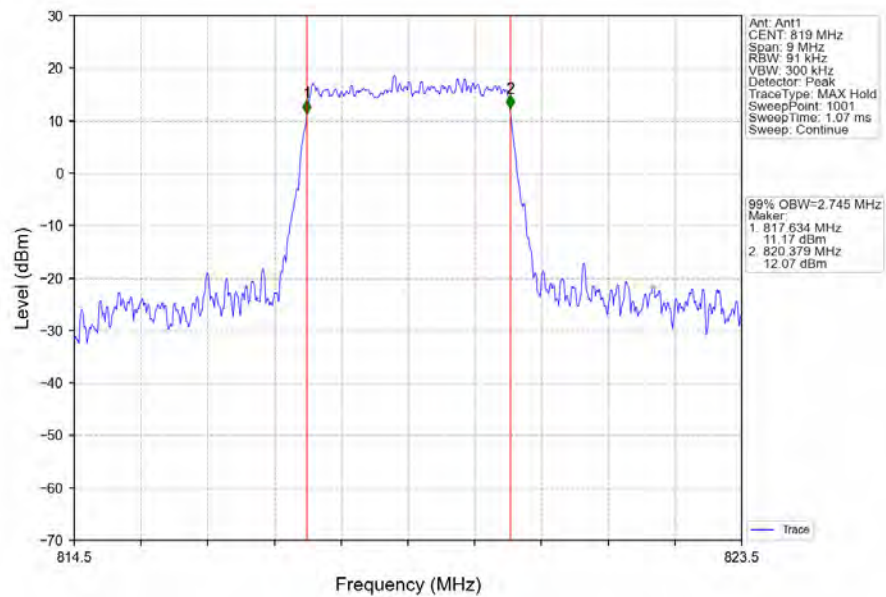
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



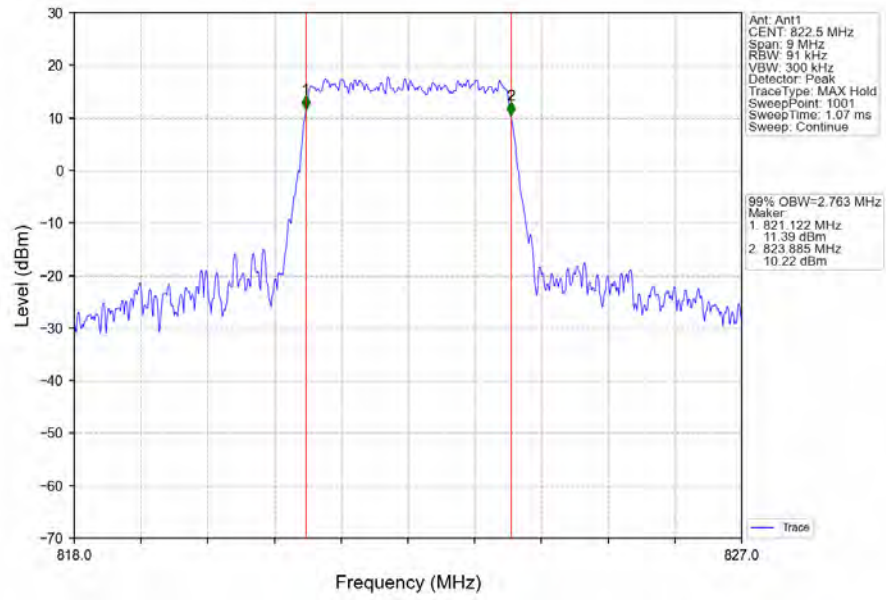
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



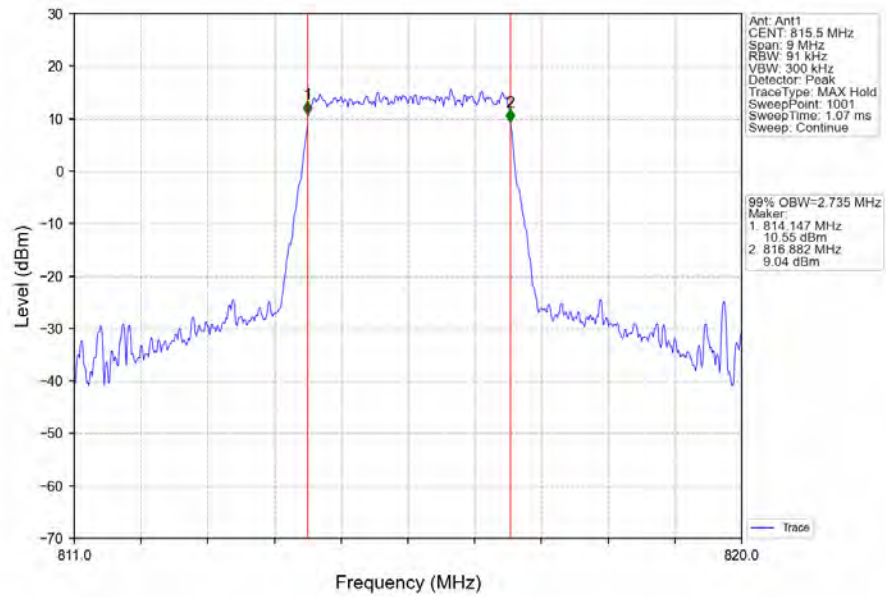
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



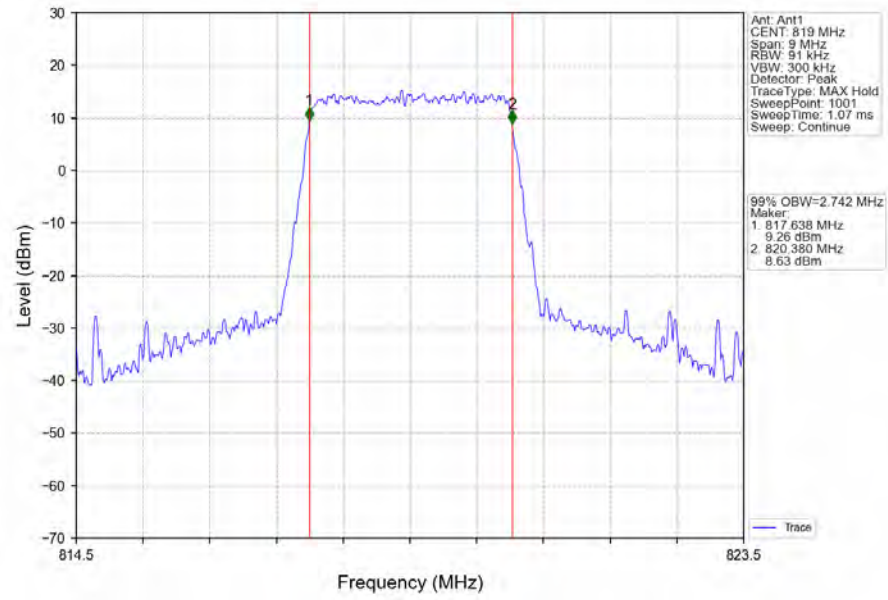
Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



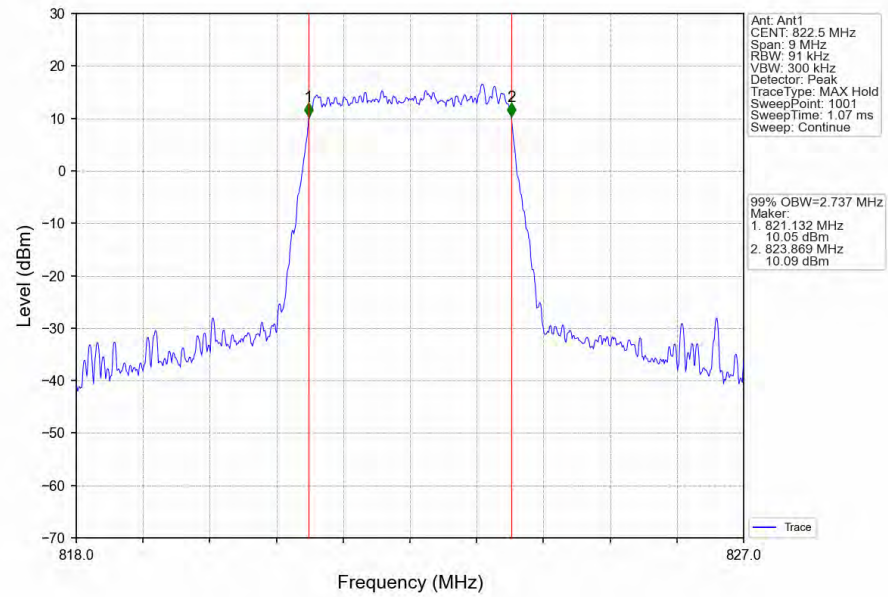
Band26a_3MHz_256QAM_LCH_815.5MHz_RB_15_0_NTNV



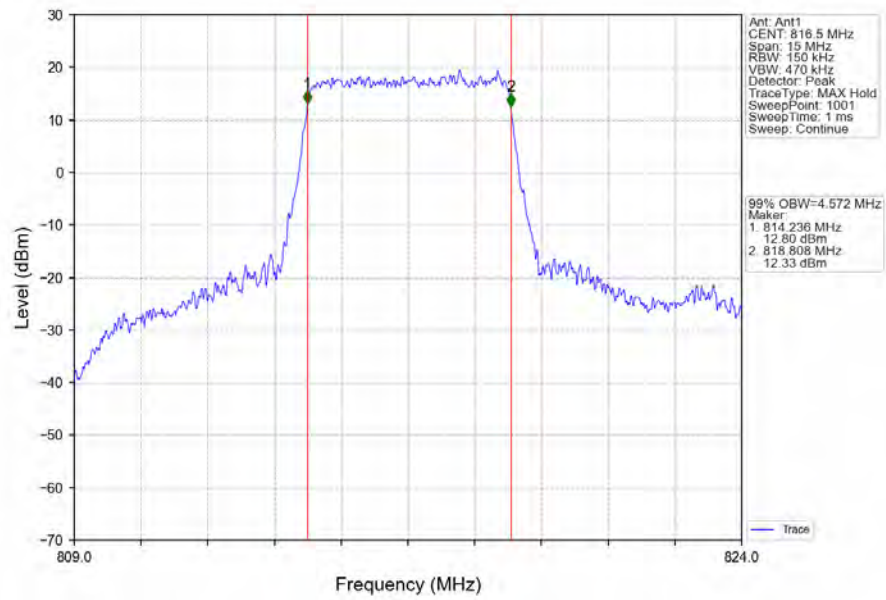
Band26a_3MHz_256QAM_MCH_819MHz_RB_15_0_NTNV



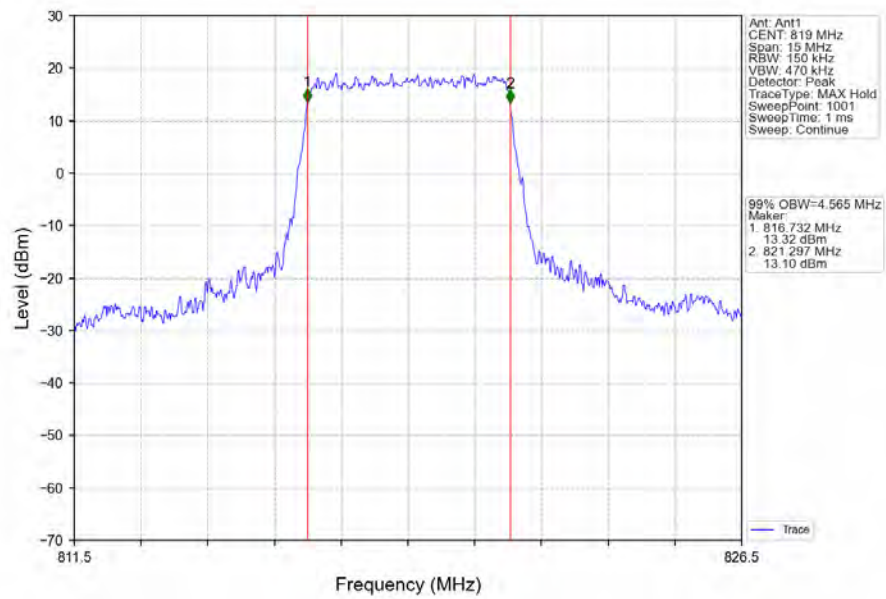
Band26a_3MHz_256QAM_HCH_822.5MHz_RB_15_0_NTNV



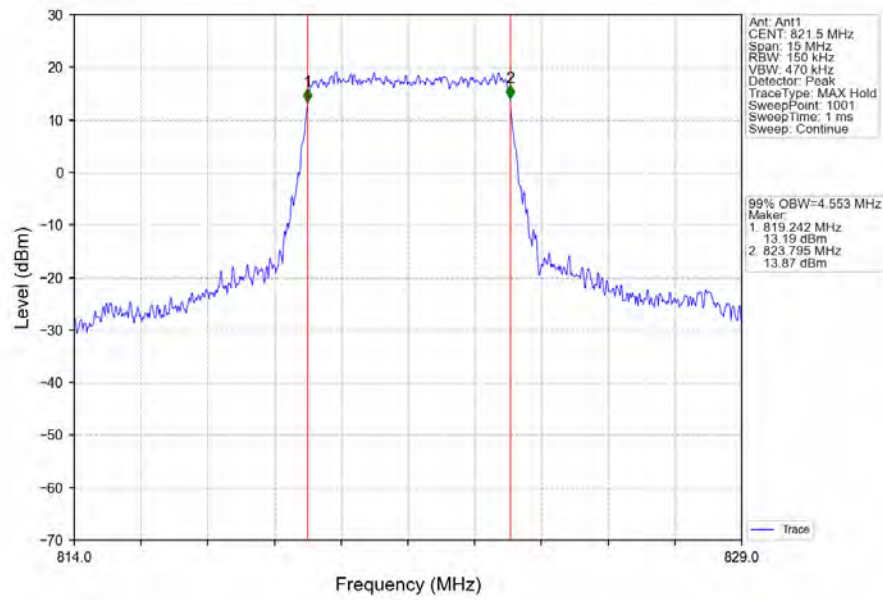
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



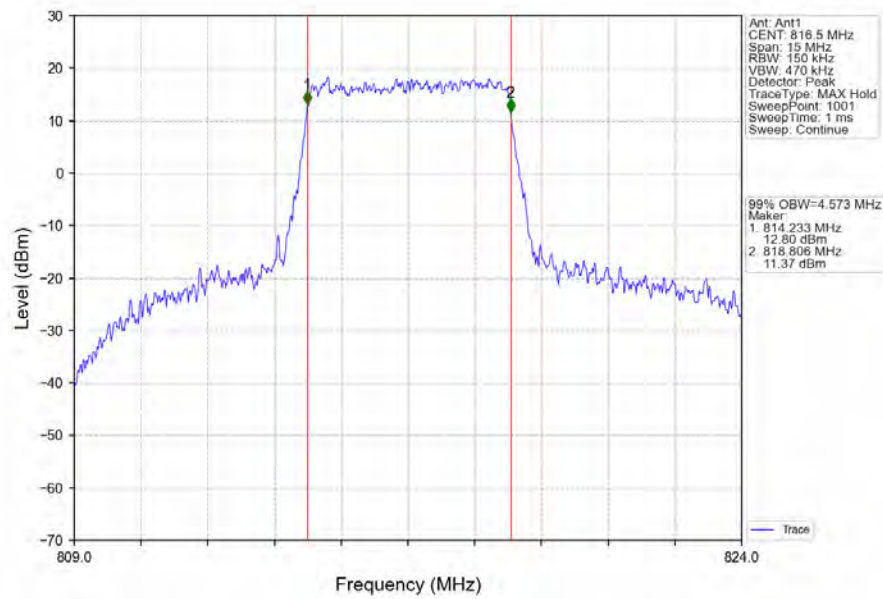
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



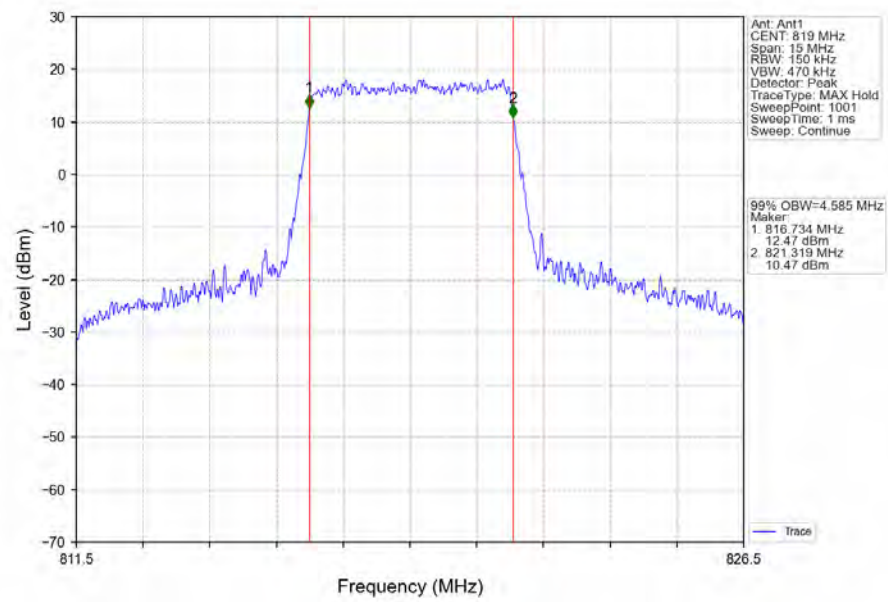
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTN



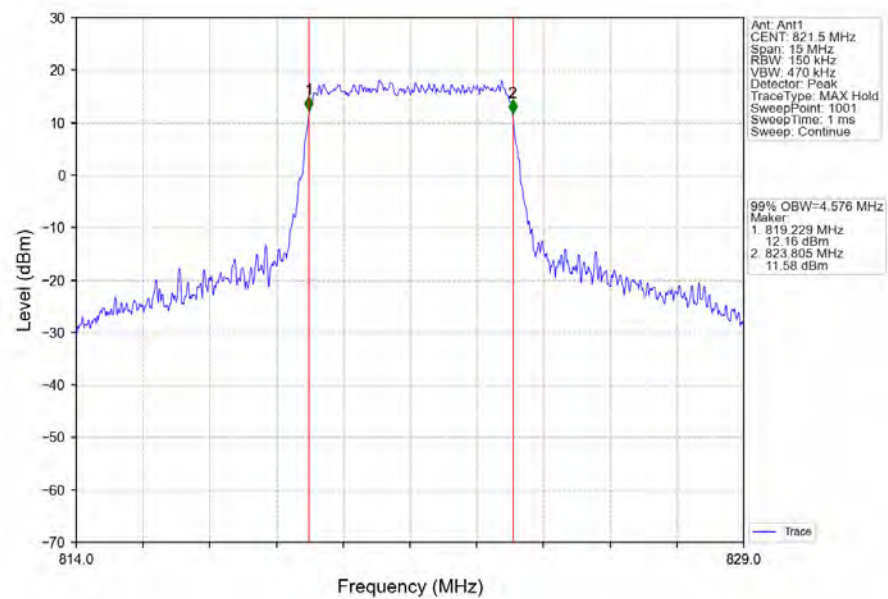
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTN



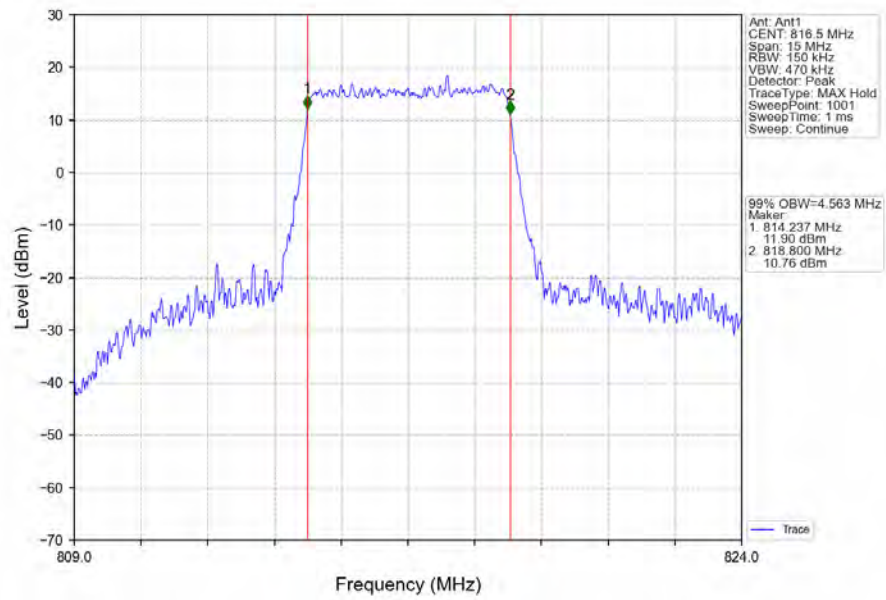
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



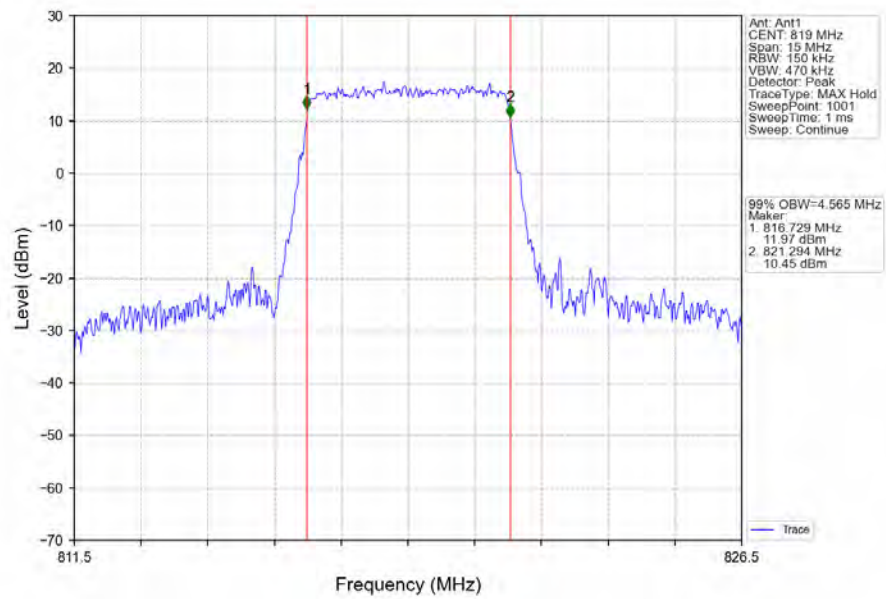
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



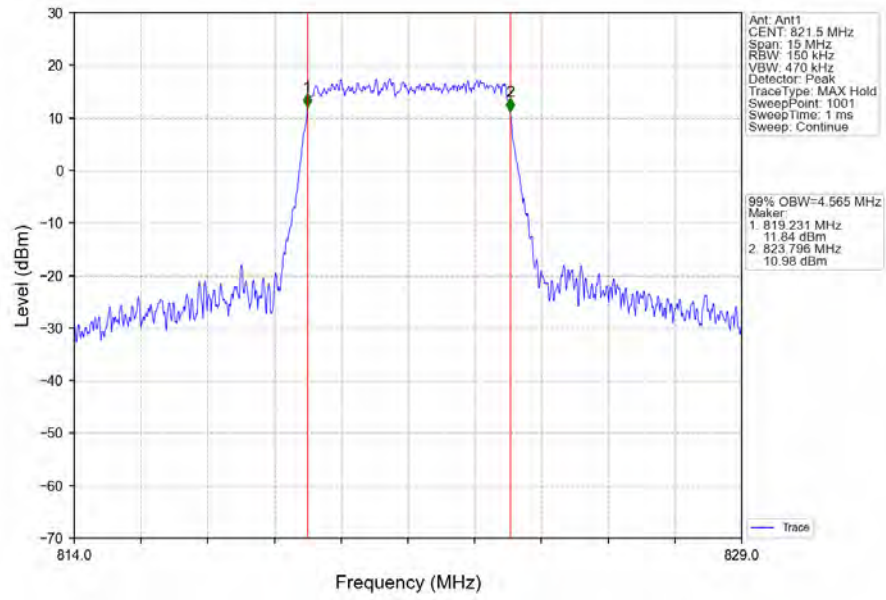
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



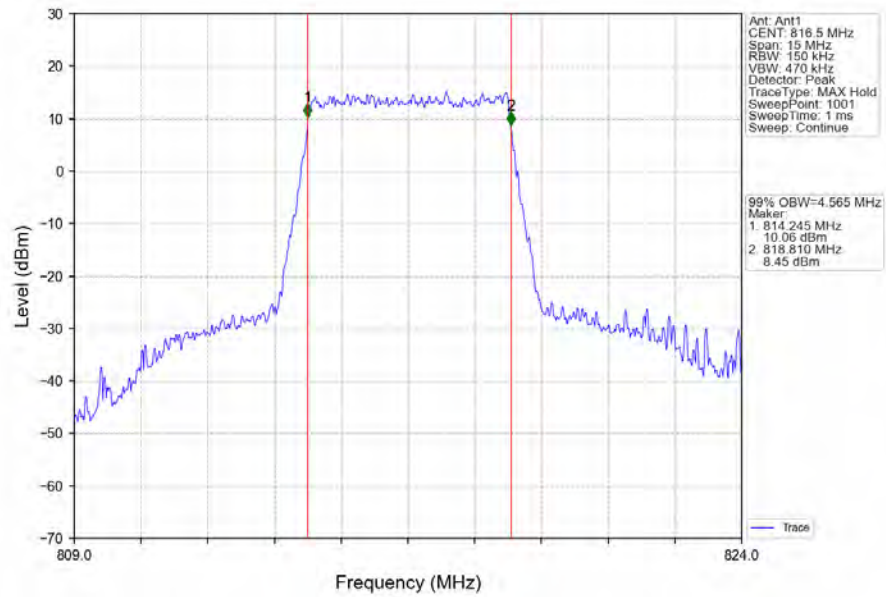
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



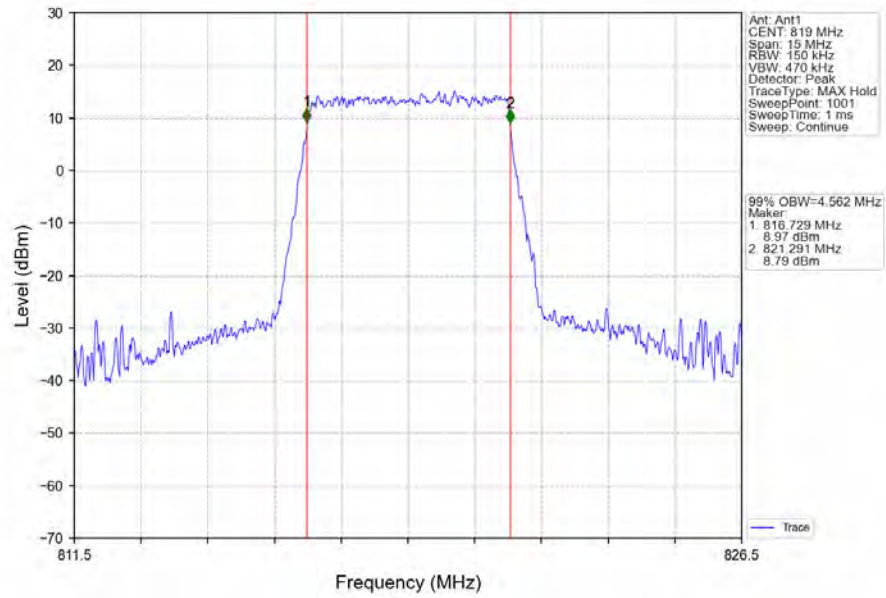
Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



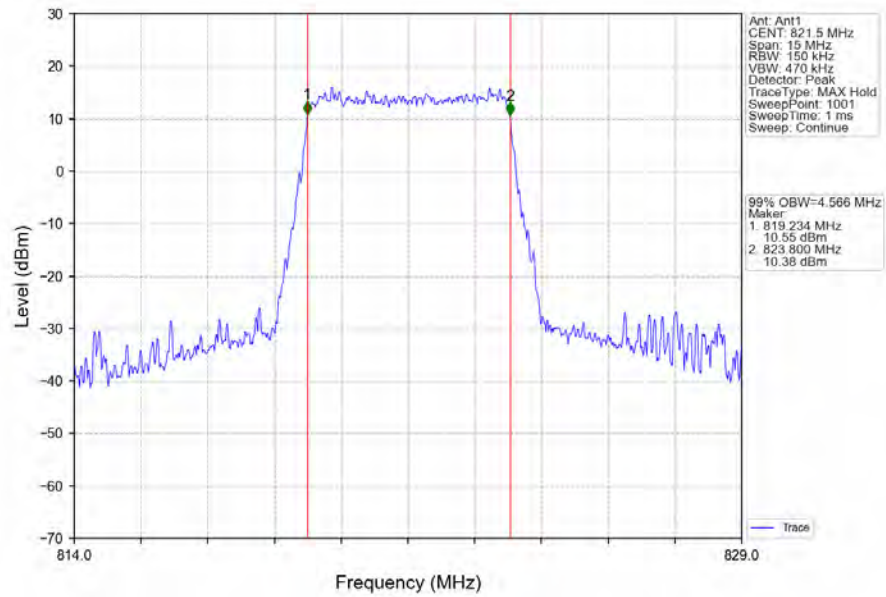
Band26a_5MHz_256QAM_LCH_816.5MHz_RB_25_0_NTNV



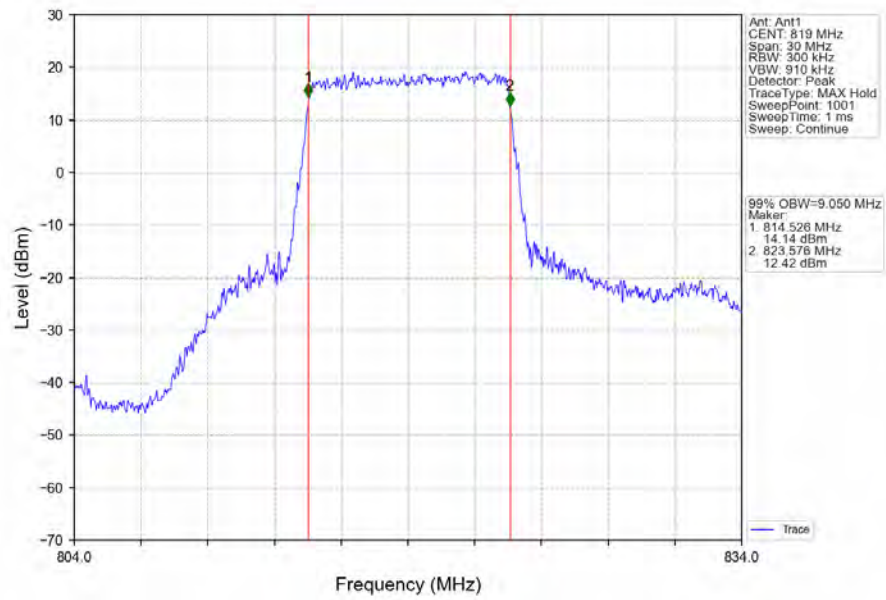
Band26a_5MHz_256QAM_MCH_819MHz_RB_25_0_NTNV



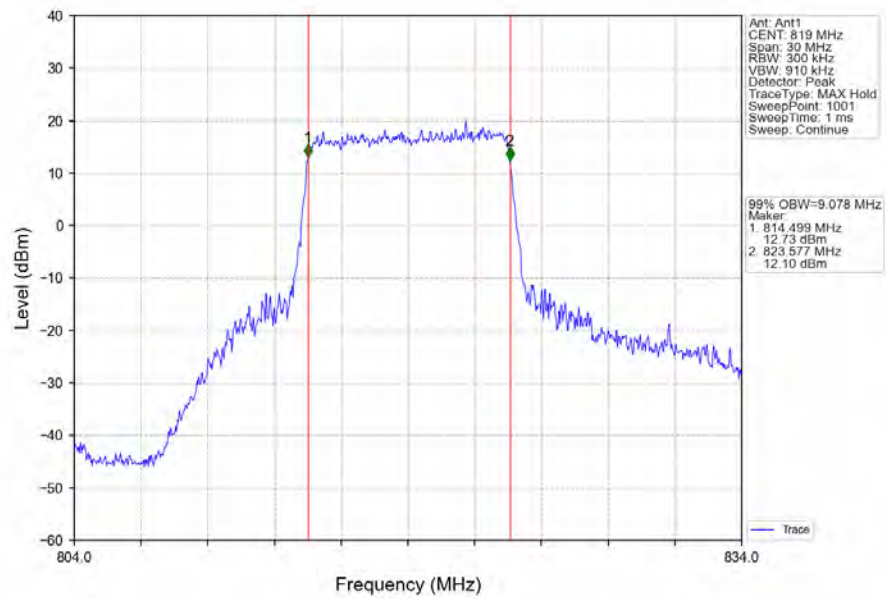
Band26a_5MHz_256QAM_HCH_821.5MHz_RB_25_0_NTNV



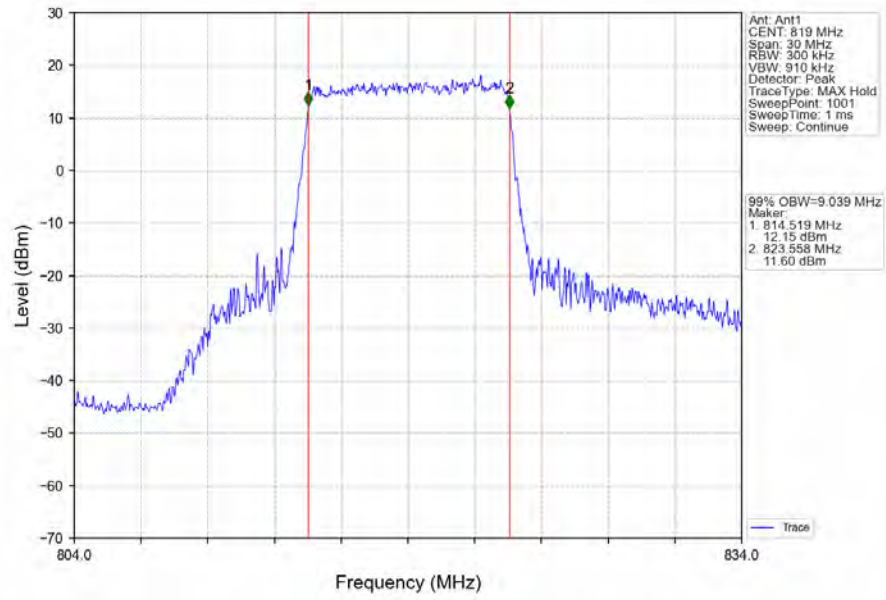
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



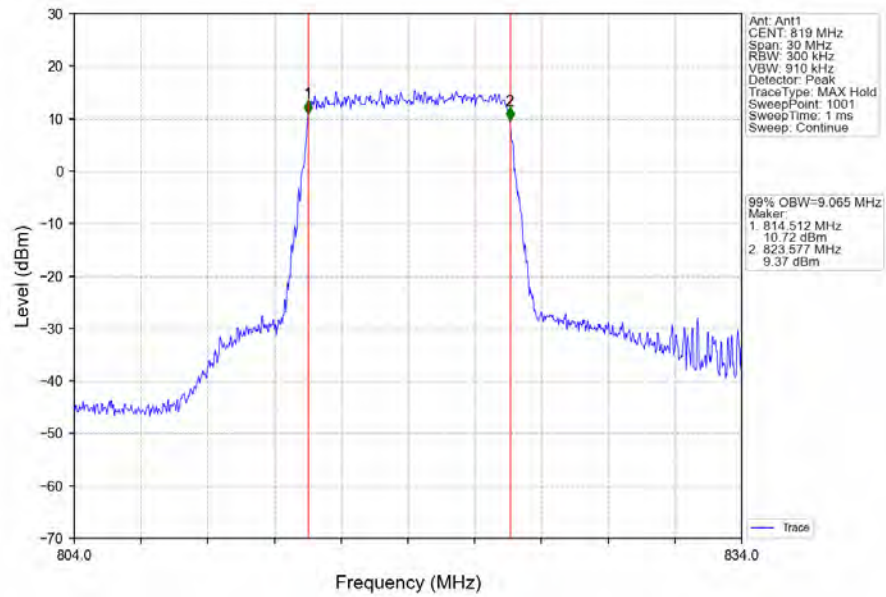
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_256QAM_MCH_819MHz_RB_50_0_NTNV

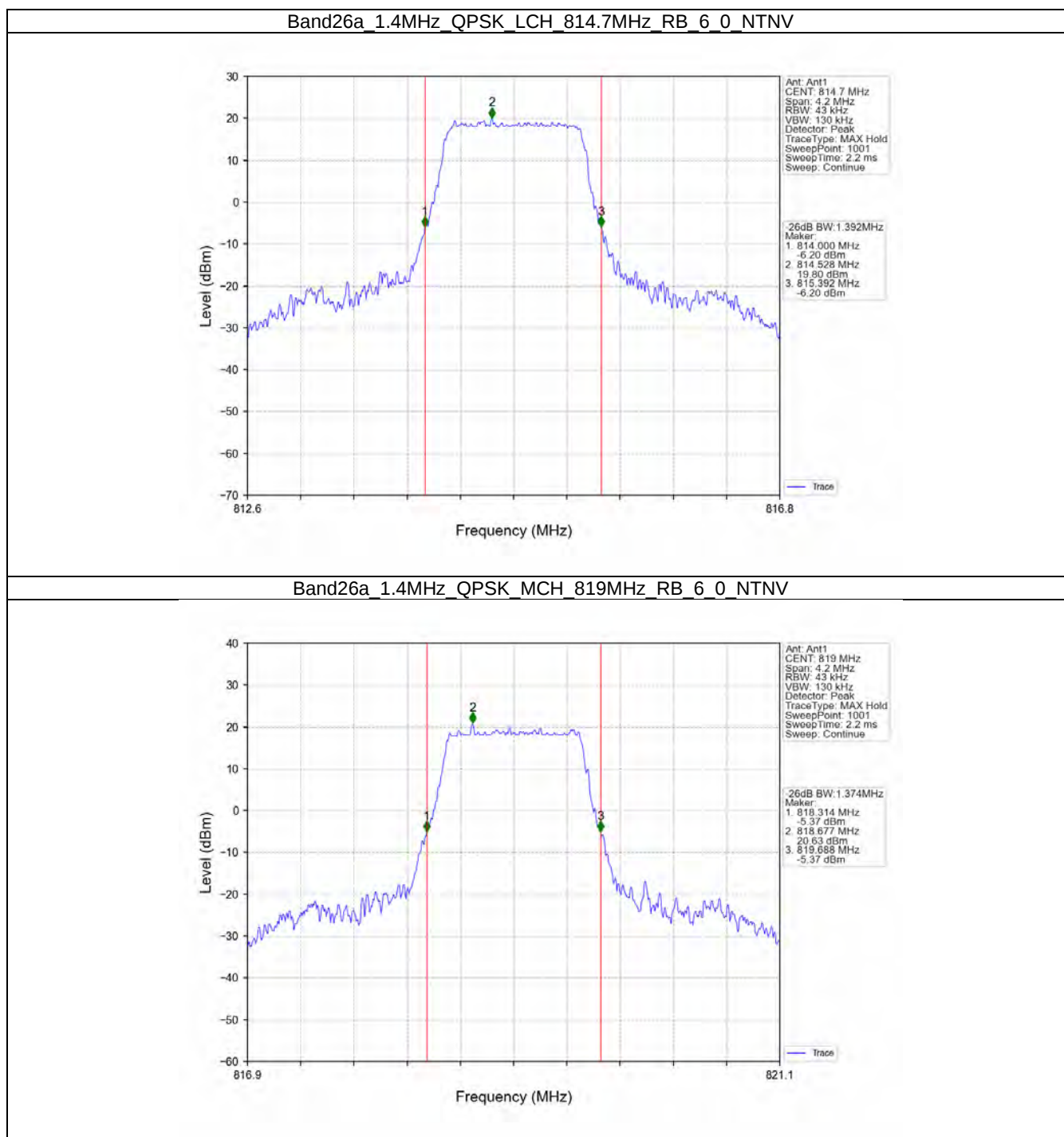


3.2 Band26a_XDB

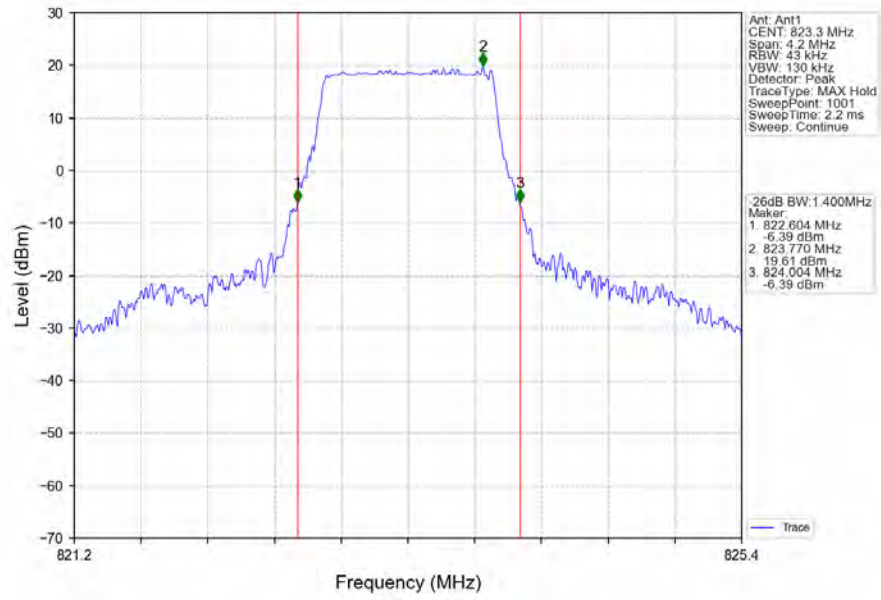
3.2.1 Test Result

Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.392	/	Pass
		819	6	0	1.374	/	Pass
		823.3	6	0	1.400	/	Pass
	16QAM	814.7	6	0	1.425	/	Pass
		819	6	0	1.383	/	Pass
		823.3	6	0	1.391	/	Pass
	64QAM	814.7	6	0	1.417	/	Pass
		819	6	0	1.408	/	Pass
		823.3	6	0	1.391	/	Pass
	256QAM	814.7	6	0	1.427	/	Pass
		819	6	0	1.396	/	Pass
		823.3	6	0	1.398	/	Pass
3	QPSK	815.5	15	0	3.131	/	Pass
		819	15	0	3.118	/	Pass
		822.5	15	0	3.143	/	Pass
	16QAM	815.5	15	0	3.119	/	Pass
		819	15	0	3.113	/	Pass
		822.5	15	0	3.134	/	Pass
	64QAM	815.5	15	0	3.132	/	Pass
		819	15	0	3.143	/	Pass
		822.5	15	0	3.139	/	Pass
	256QAM	815.5	15	0	3.122	/	Pass
		819	15	0	3.130	/	Pass
		822.5	15	0	3.092	/	Pass
5	QPSK	816.5	25	0	5.239	/	Pass
		819	25	0	5.192	/	Pass
		821.5	25	0	5.278	/	Pass
	16QAM	816.5	25	0	5.261	/	Pass
		819	25	0	5.246	/	Pass
		821.5	25	0	5.263	/	Pass
	64QAM	816.5	25	0	5.177	/	Pass
		819	25	0	5.255	/	Pass
		821.5	25	0	5.307	/	Pass
	256QAM	816.5	25	0	5.250	/	Pass
		819	25	0	5.265	/	Pass
		821.5	25	0	5.177	/	Pass
10	QPSK	819	50	0	10.208	/	Pass
	16QAM	819	50	0	10.045	/	Pass
	64QAM	819	50	0	10.097	/	Pass
	256QAM	819	50	0	10.120	/	Pass

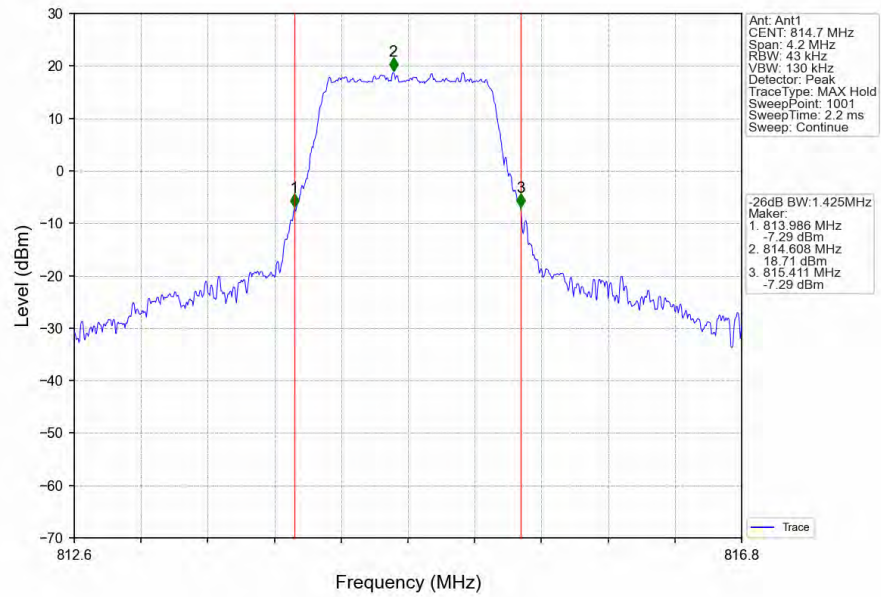
3.2.2 Test Graph



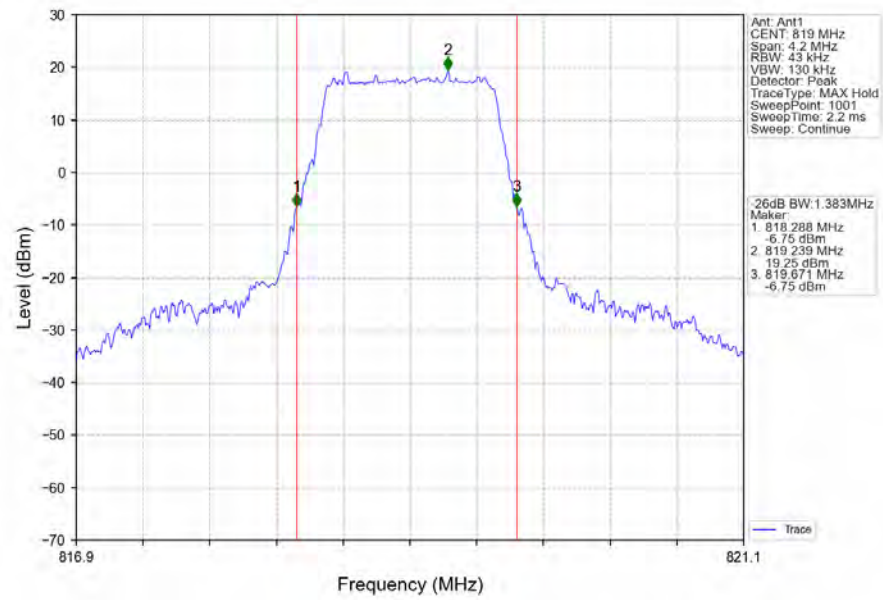
Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN



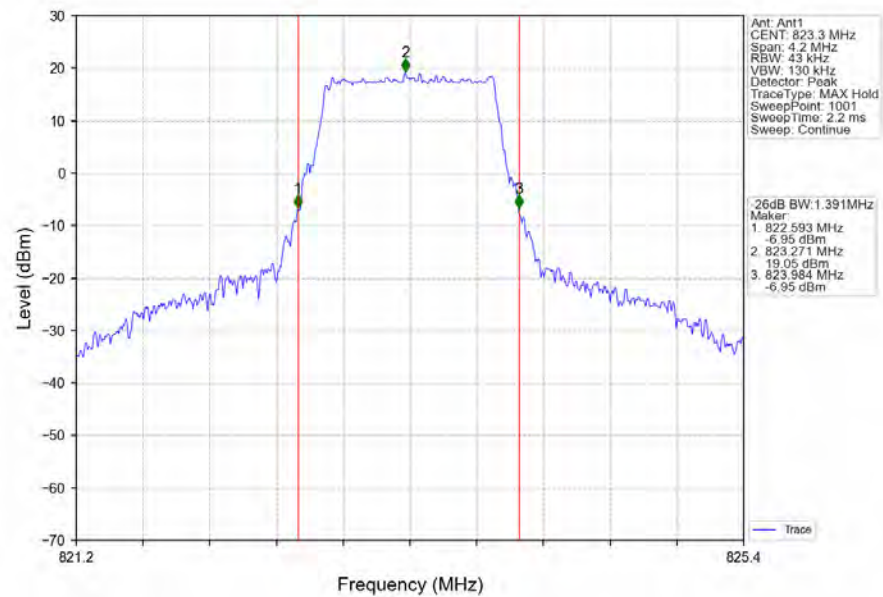
Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTN



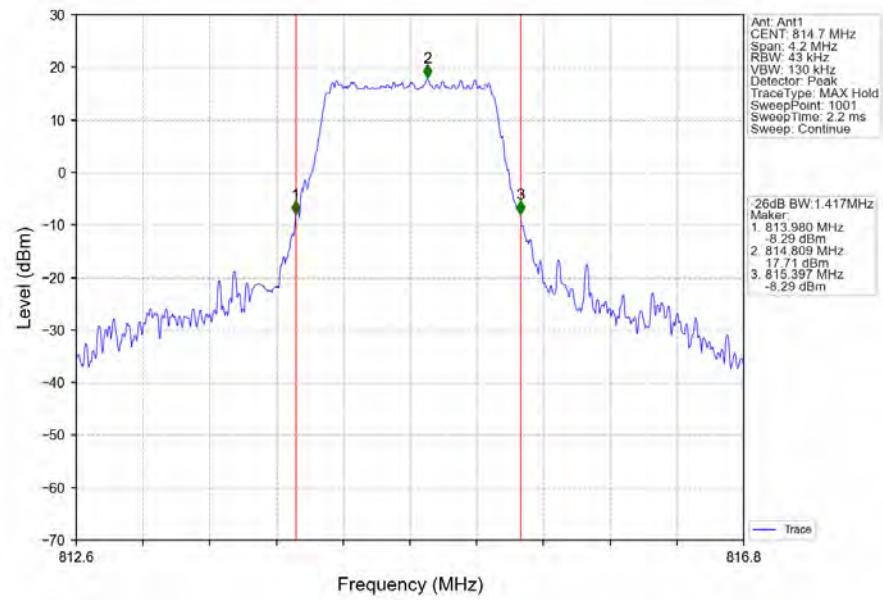
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



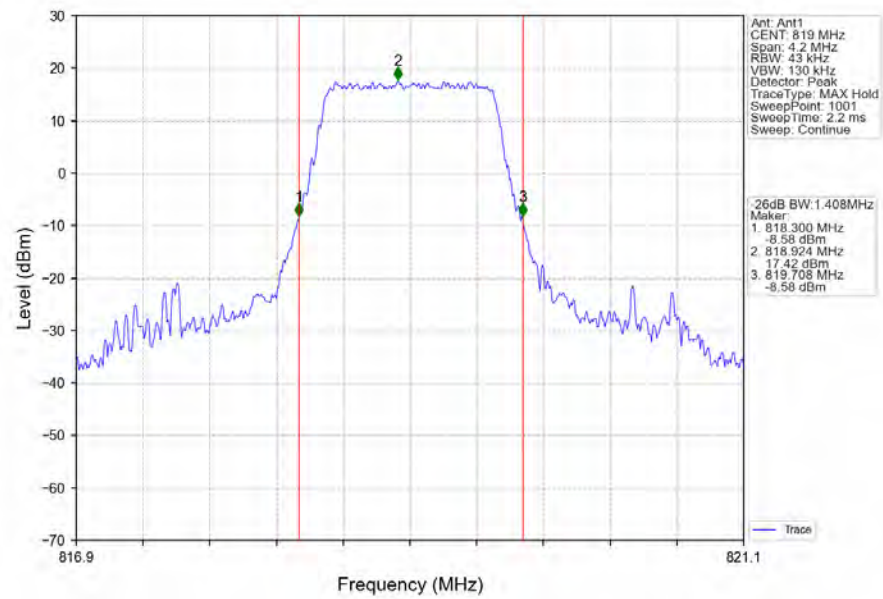
Band26a 1.4MHz 16QAM HCH 823.3MHz RB 6 0 NTNV



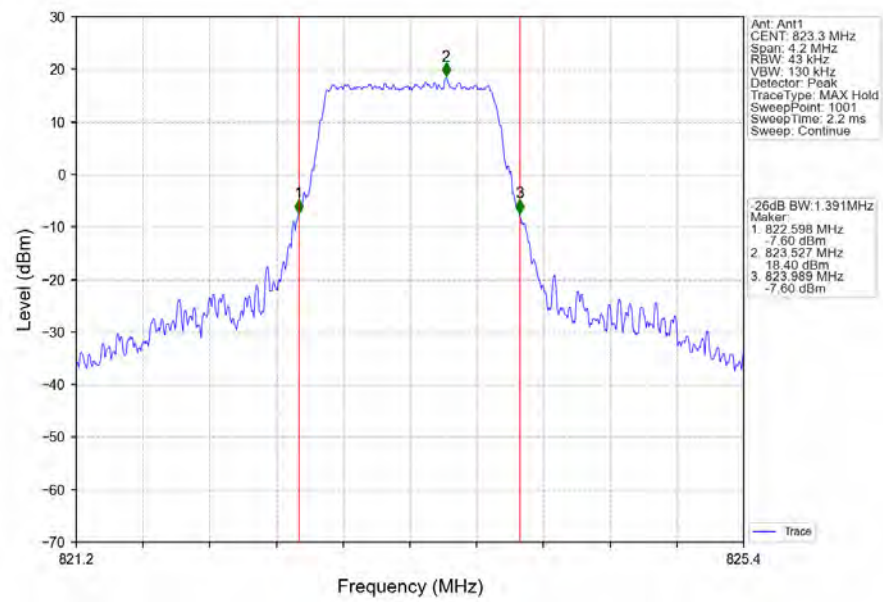
Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



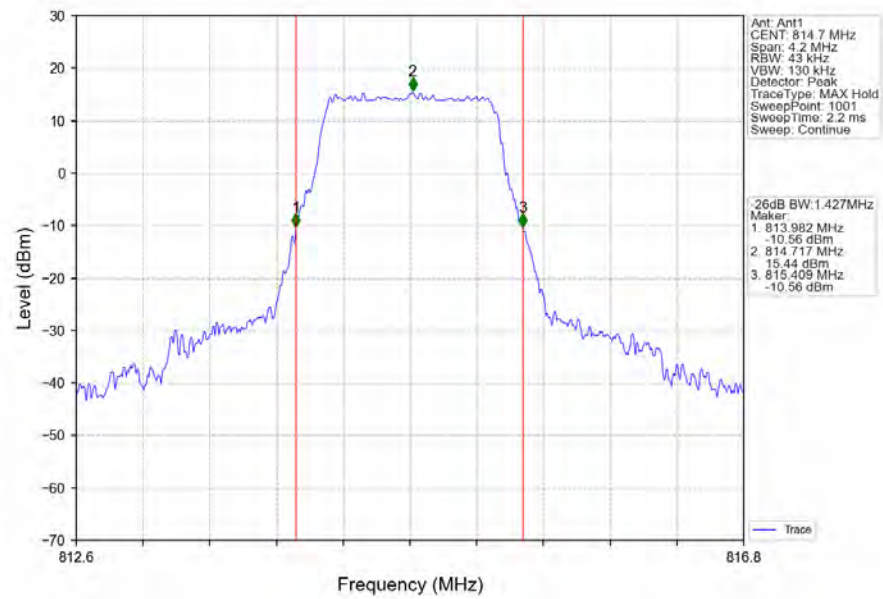
Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV



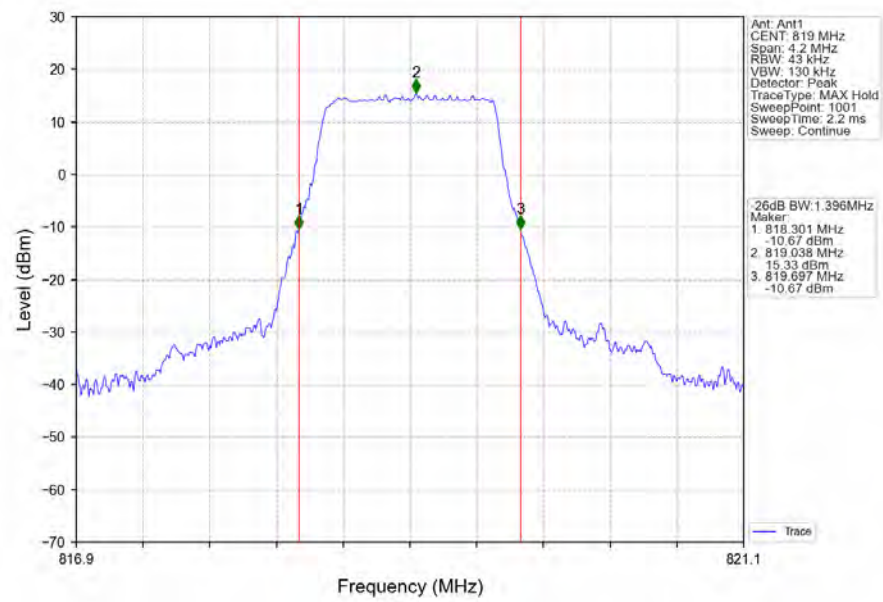
Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



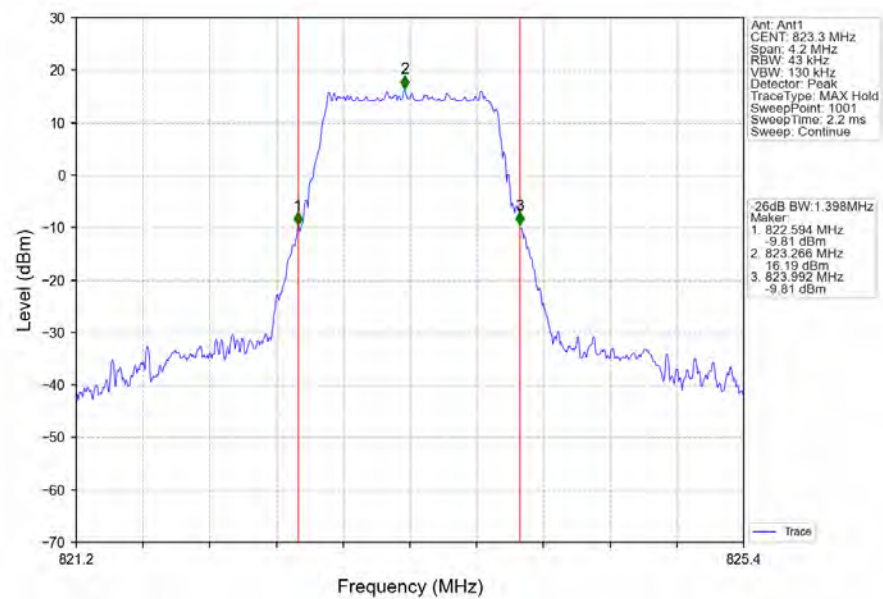
Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV



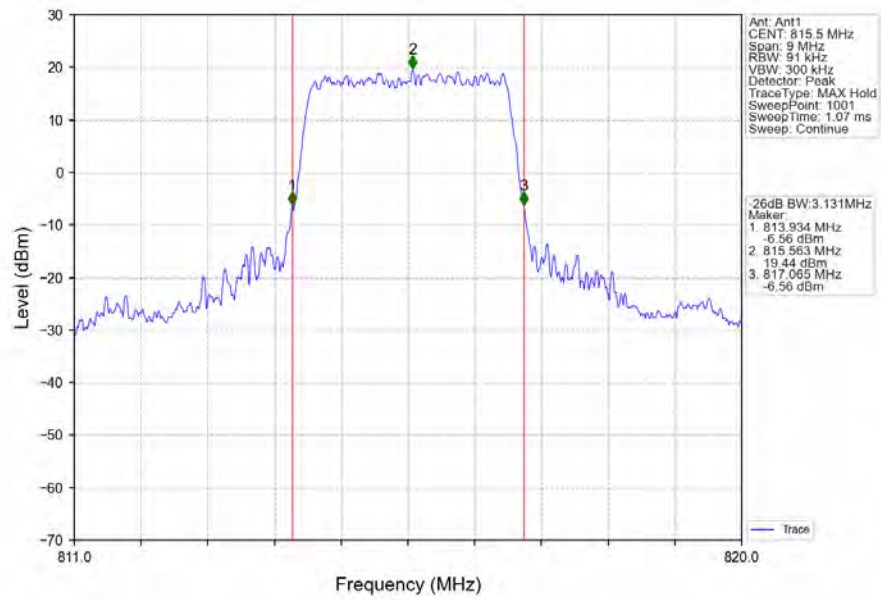
Band26a_1.4MHz_256QAM_MCH_819MHz_RB_6_0_NTNV



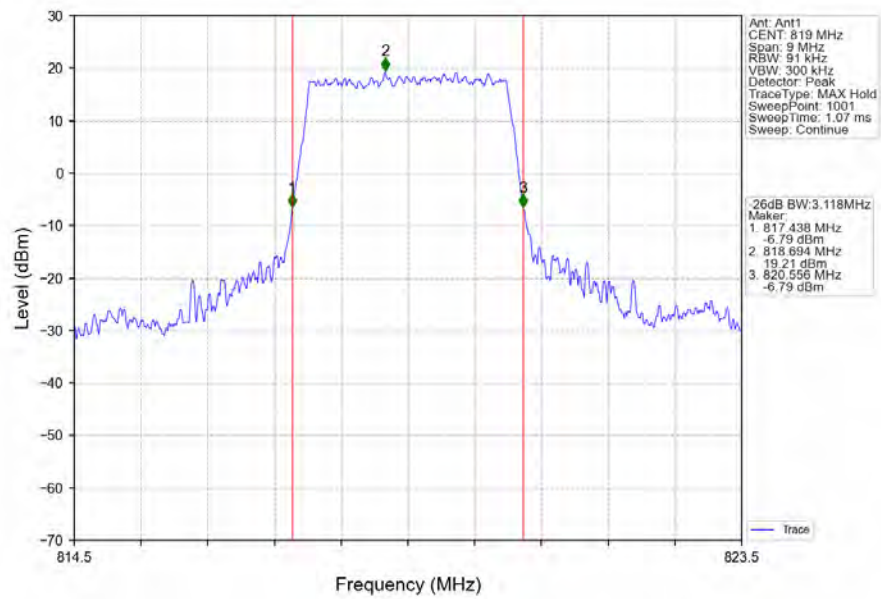
Band26a_1.4MHz_256QAM_HCH_823.3MHz_RB_6_0_NTNV



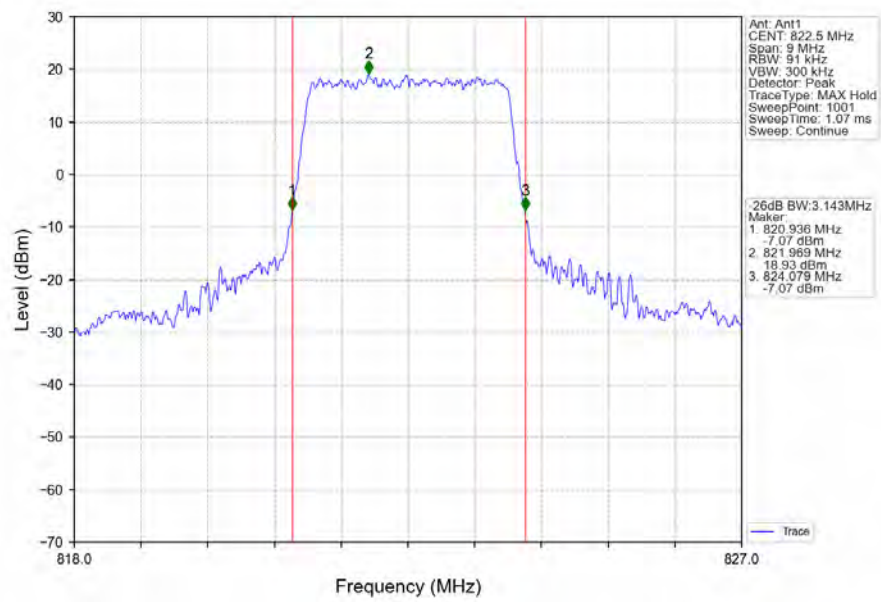
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



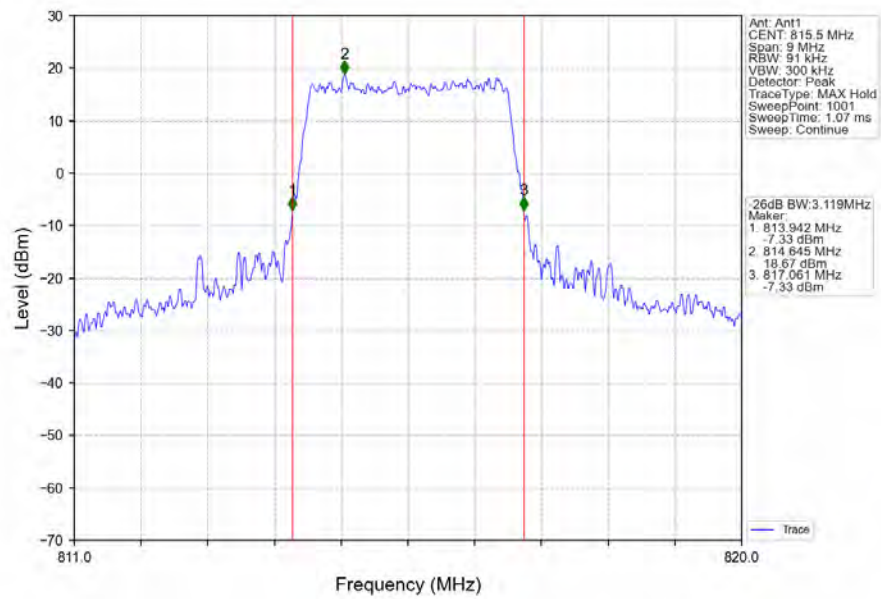
Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV



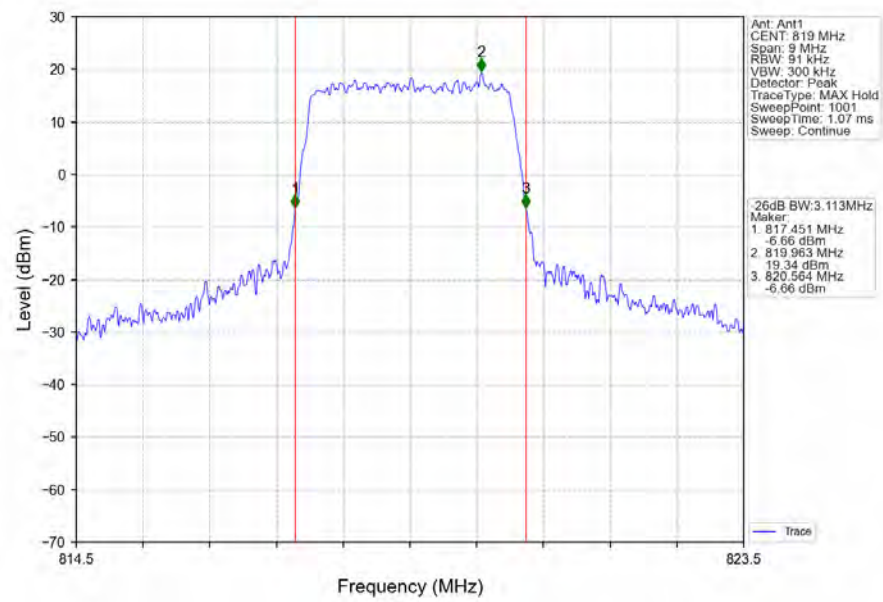
Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



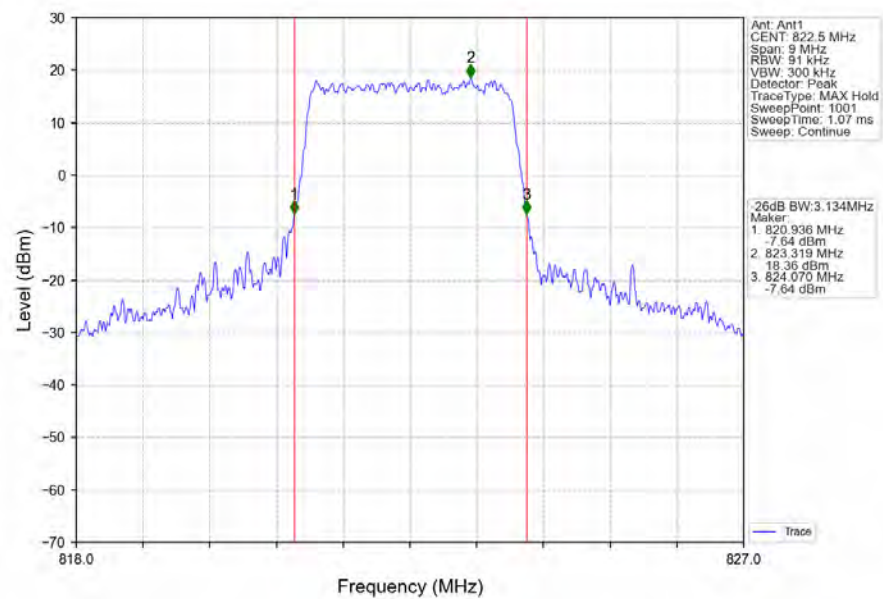
Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



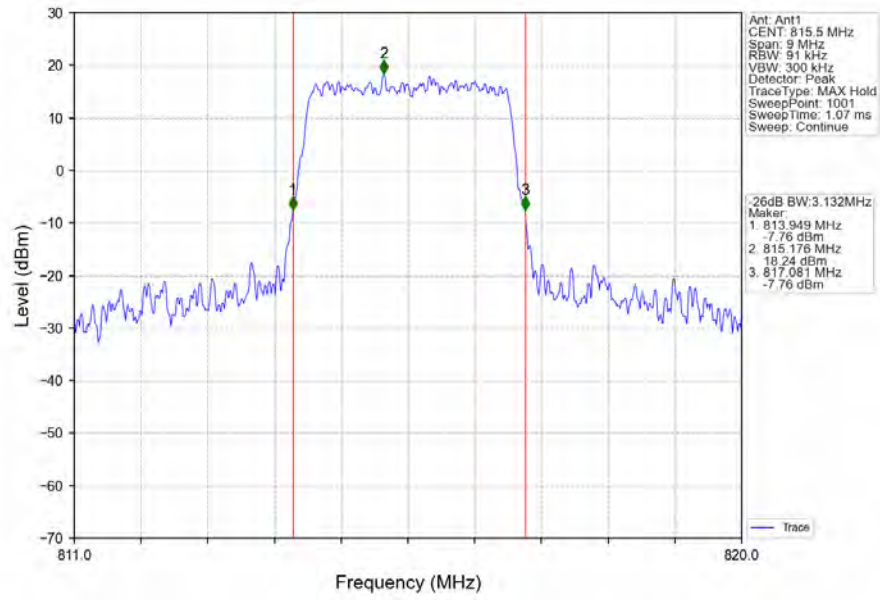
Band26a_3MHz_16QAM_MCH_819MHz_RB_15_0_NTNV



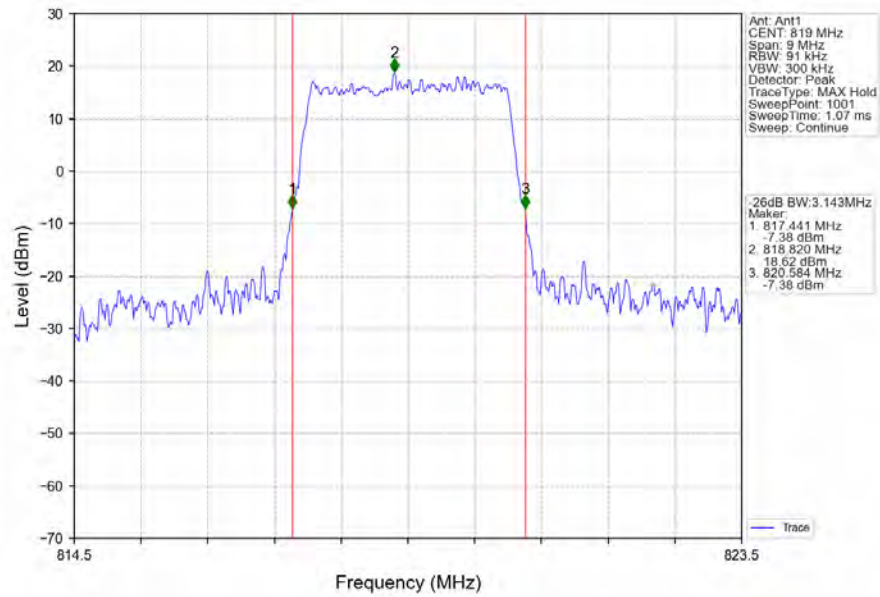
Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



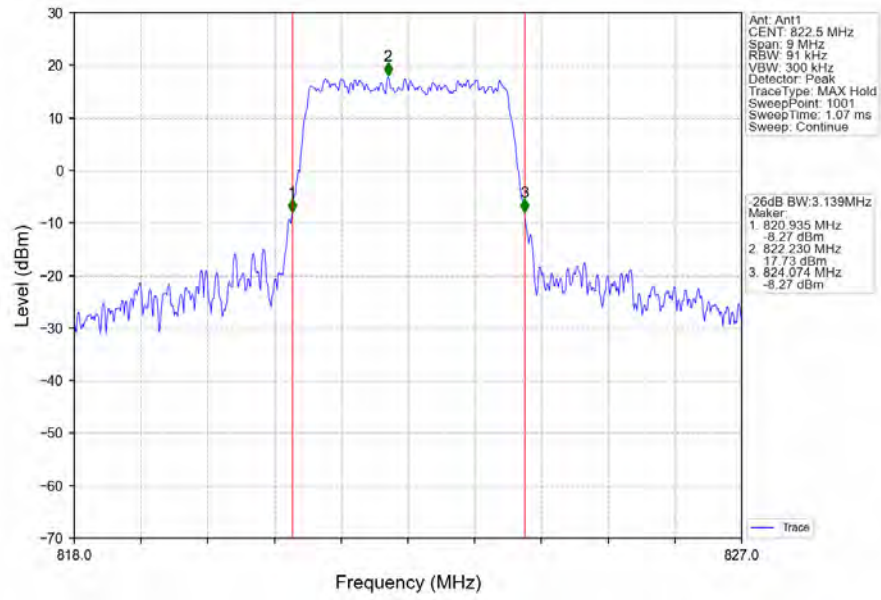
Band26a_3MHz_64QAM_LCH_815.5MHz_RB_15_0_NTNV



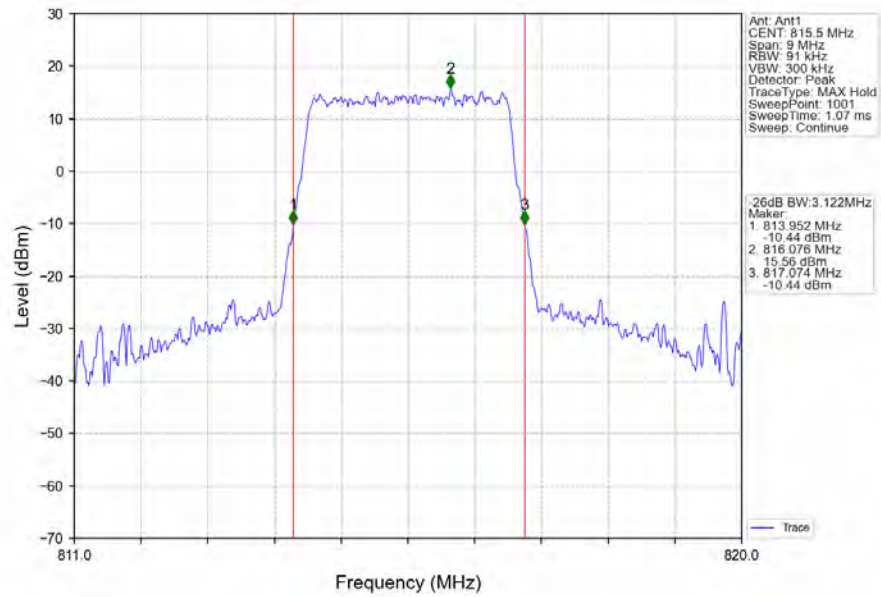
Band26a_3MHz_64QAM_MCH_819MHz_RB_15_0_NTNV



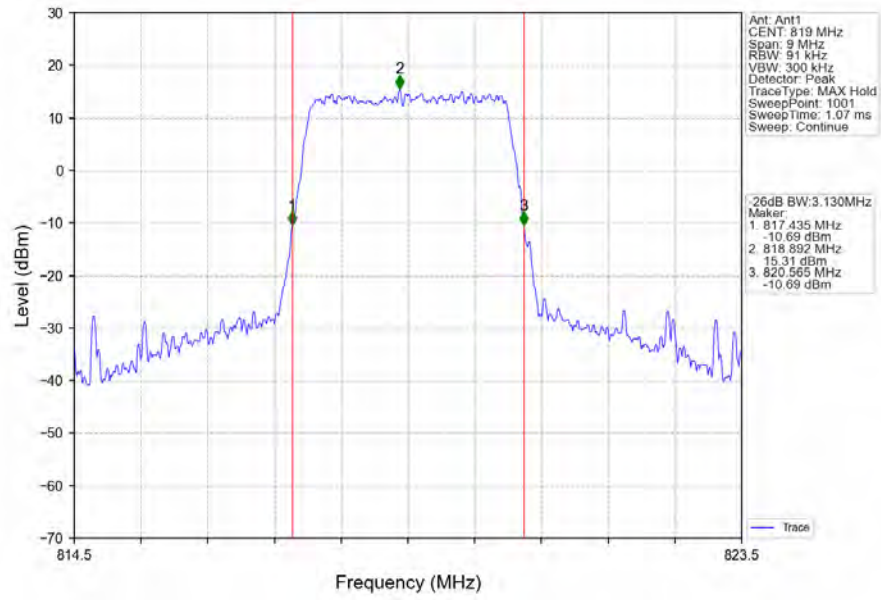
Band26a_3MHz_64QAM_HCH_822.5MHz_RB_15_0_NTNV



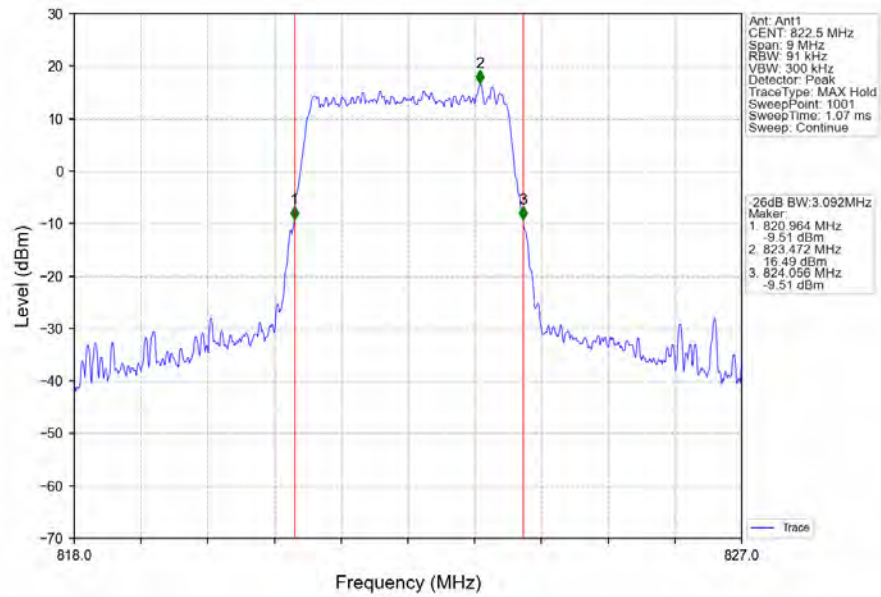
Band26a_3MHz_256QAM_LCH_815.5MHz_RB_15_0_NTNV



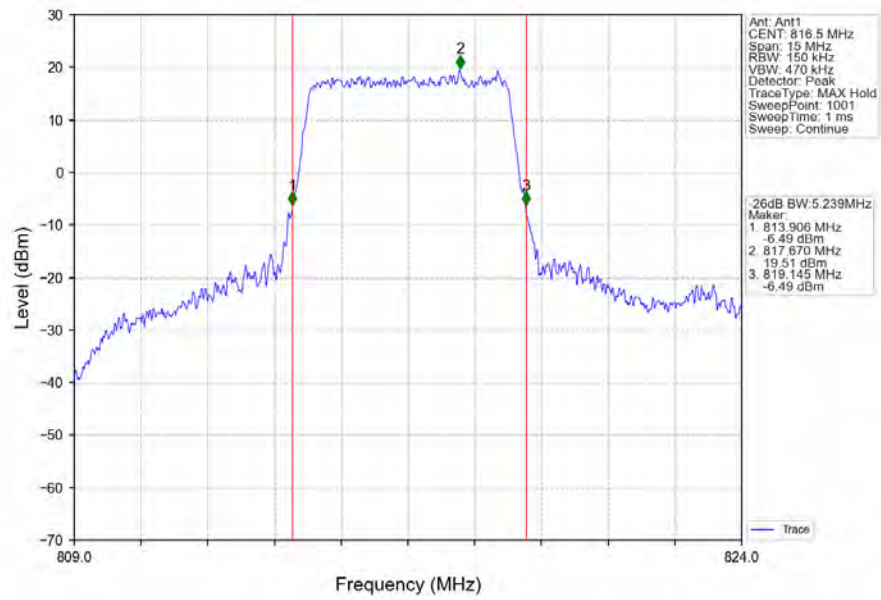
Band26a_3MHz_256QAM_MCH_819MHz_RB_15_0_NTNV



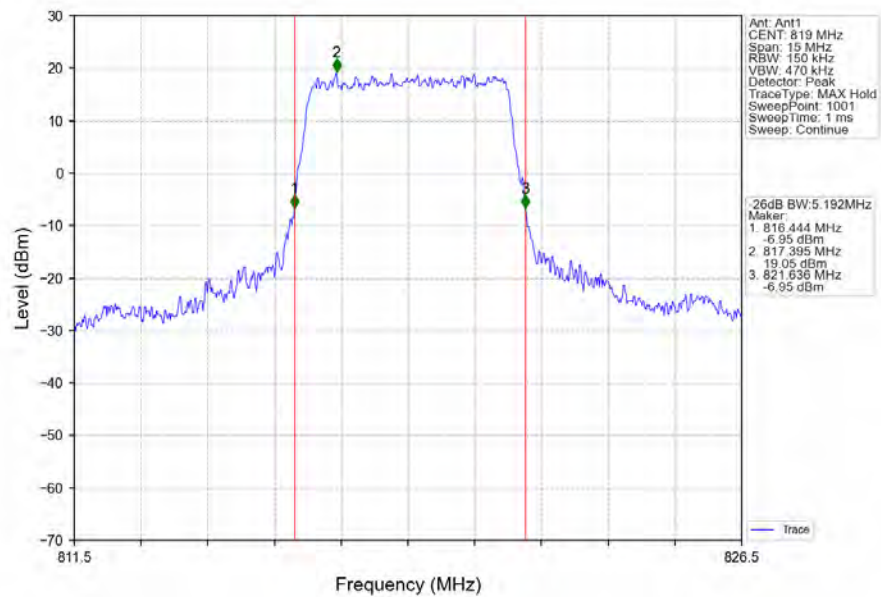
Band26a_3MHz_256QAM_HCH_822.5MHz_RB_15_0_NTNV



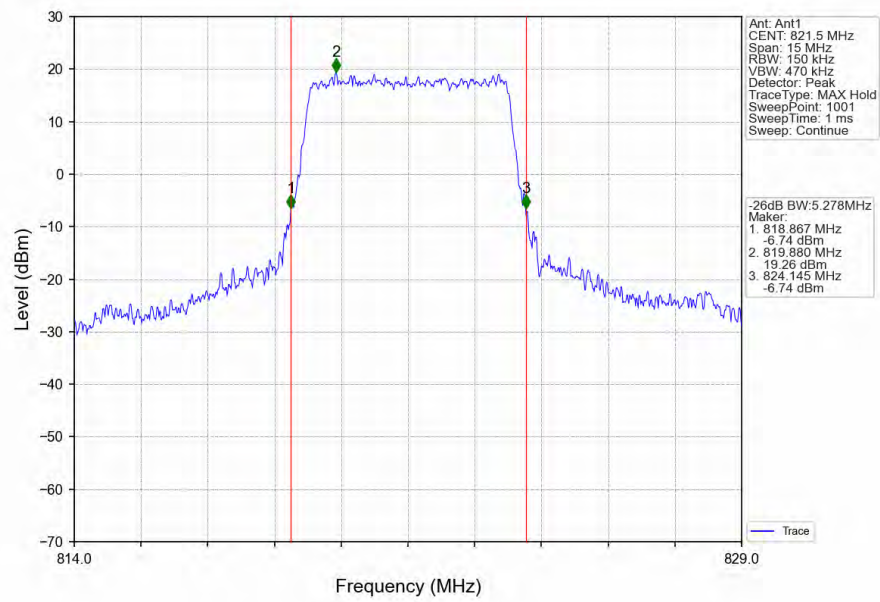
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



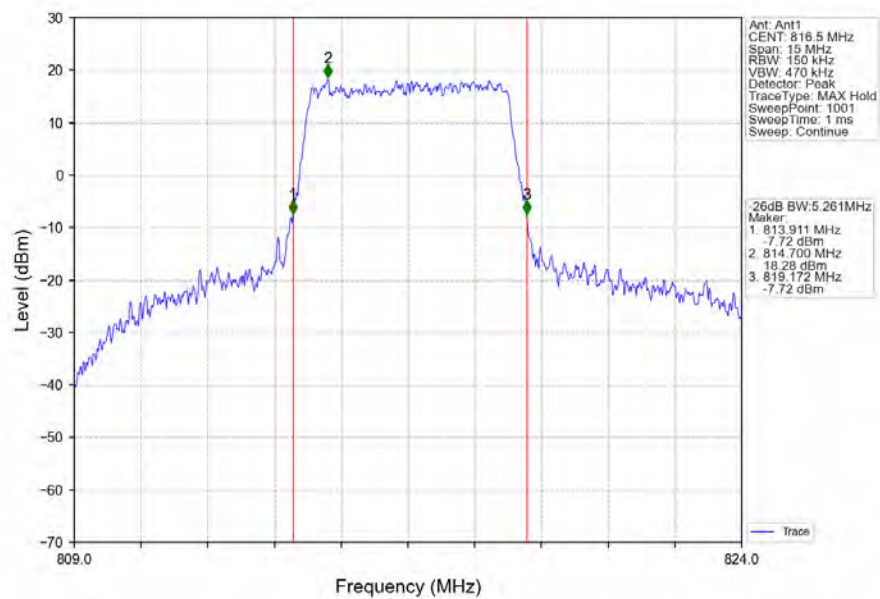
Band26a_5MHz_QPSK_MCH_819MHz_RB_25_0_NTNV



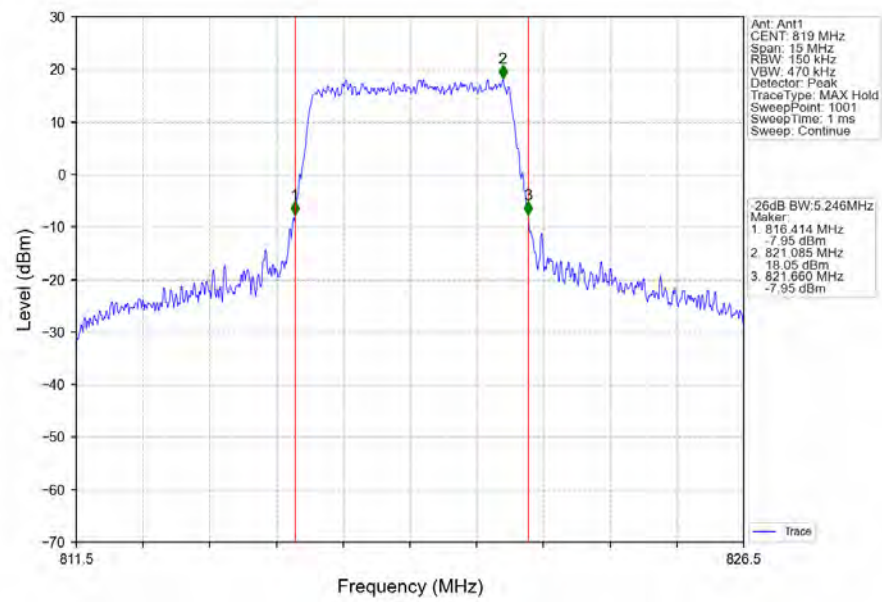
Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV



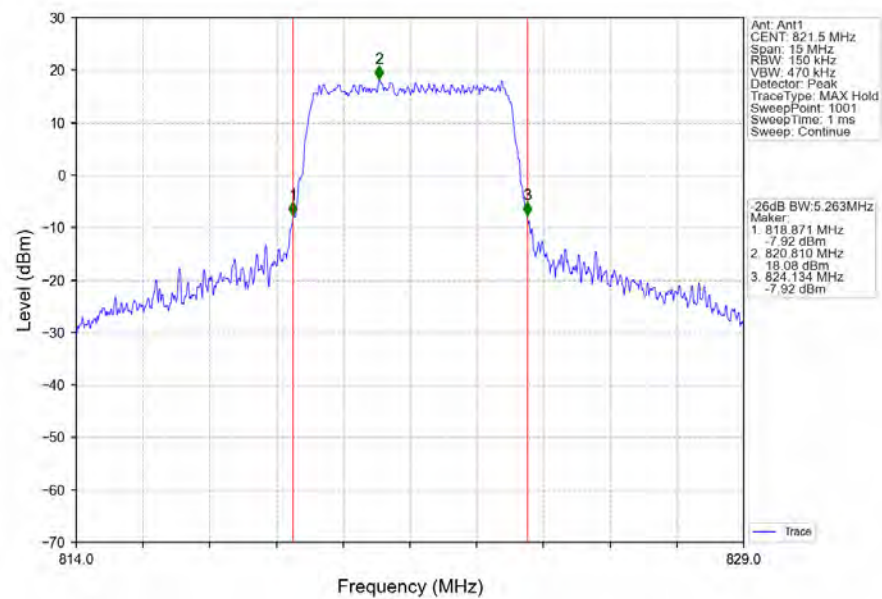
Band26a 5MHz 16QAM LCH 816.5MHz RB 25 0 NTNV



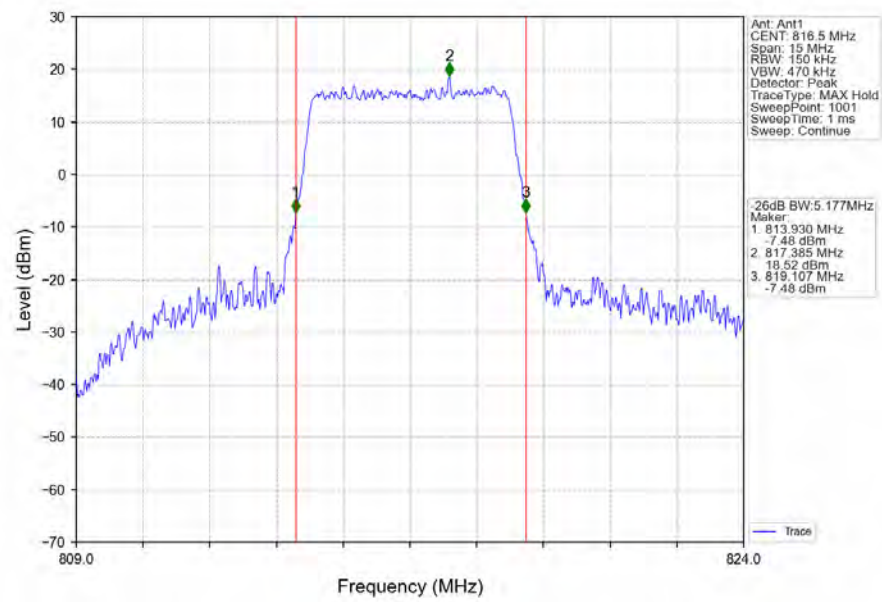
Band26a_5MHz_16QAM_MCH_819MHz_RB_25_0_NTNV



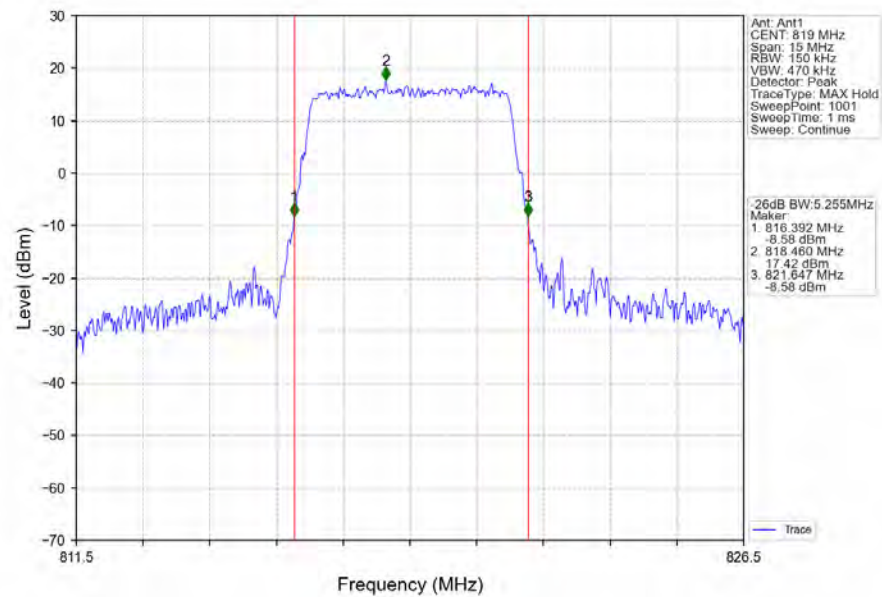
Band26a_5MHz_16QAM_HCH_821.5MHz_RB_25_0_NTNV



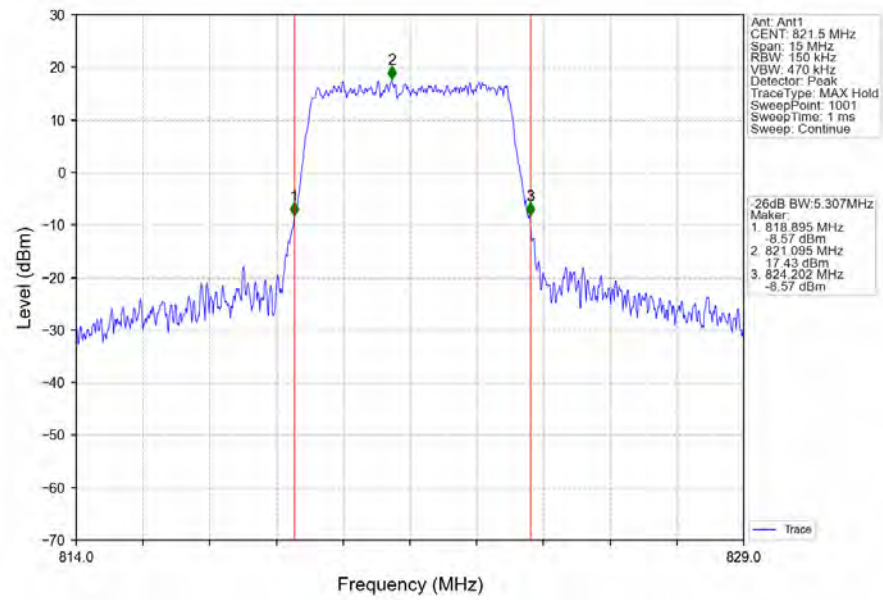
Band26a_5MHz_64QAM_LCH_816.5MHz_RB_25_0_NTNV



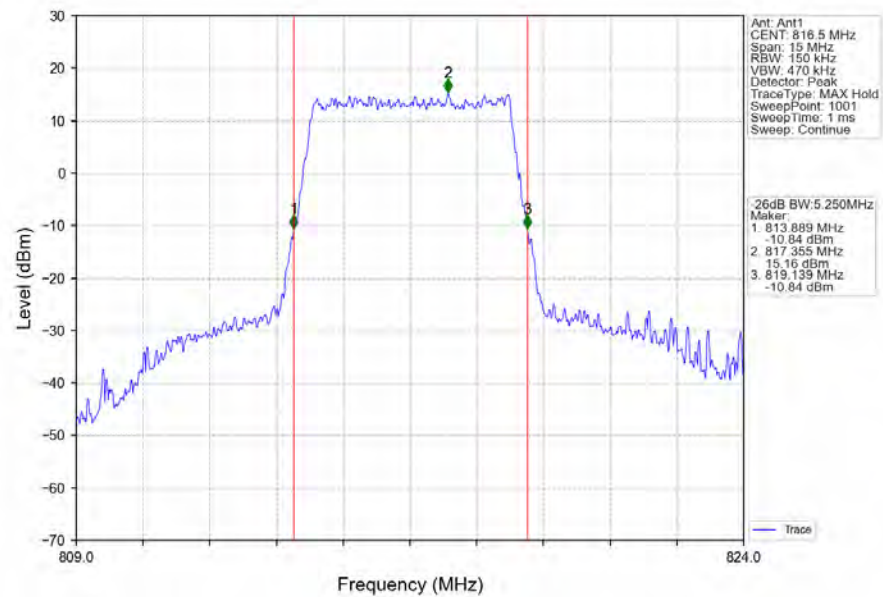
Band26a_5MHz_64QAM_MCH_819MHz_RB_25_0_NTNV



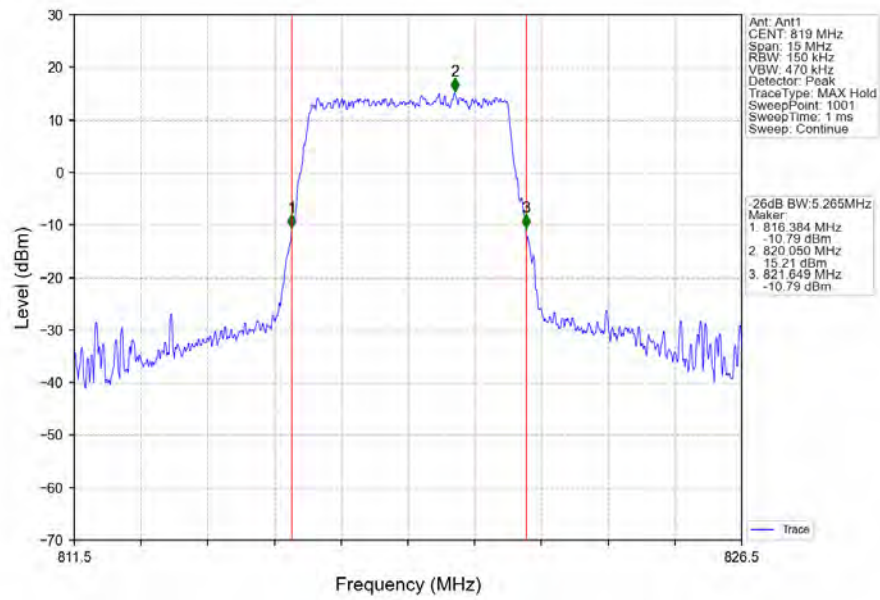
Band26a_5MHz_64QAM_HCH_821.5MHz_RB_25_0_NTNV



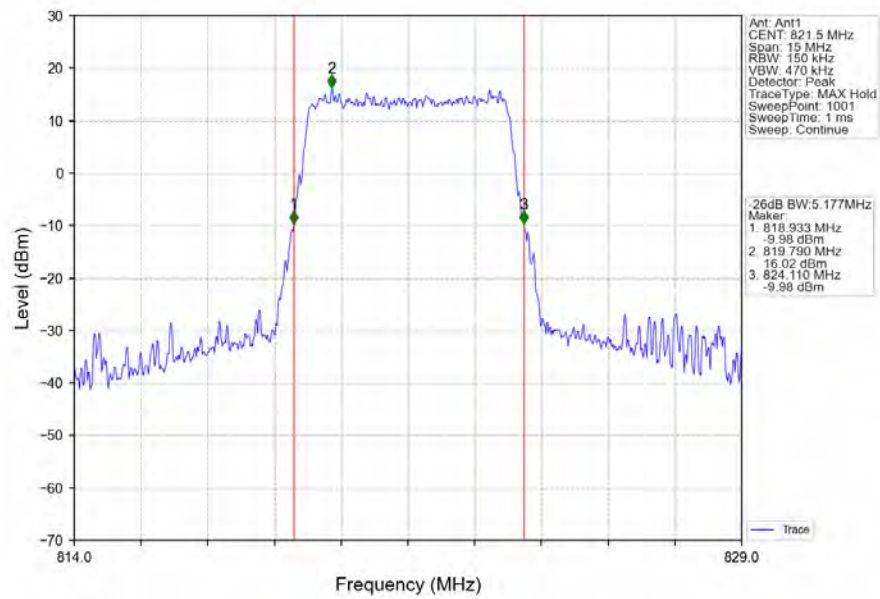
Band26a_5MHz_256QAM_LCH_816.5MHz_RB_25_0_NTNV



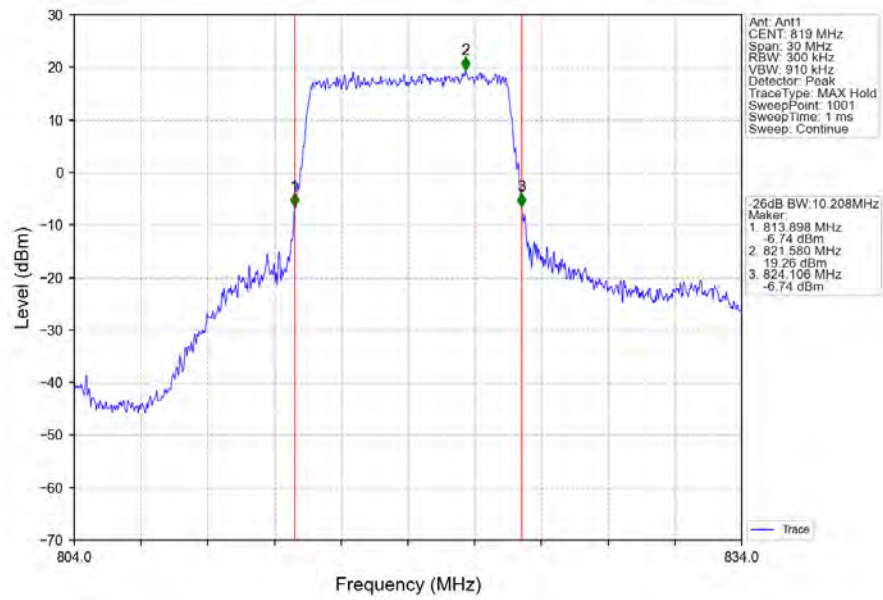
Band26a_5MHz_256QAM_MCH_819MHz_RB_25_0_NTNV



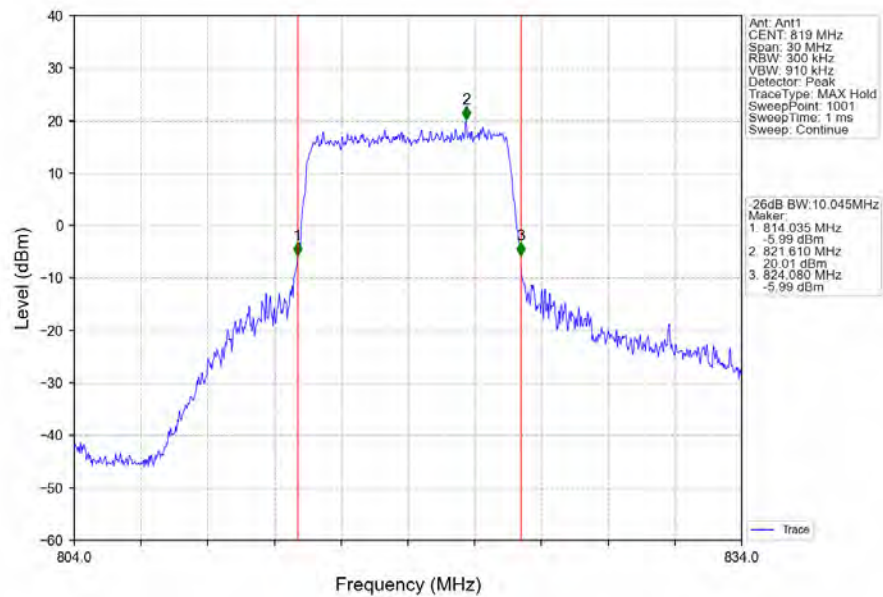
Band26a_5MHz_256QAM_HCH_821.5MHz_RB_25_0_NTNV



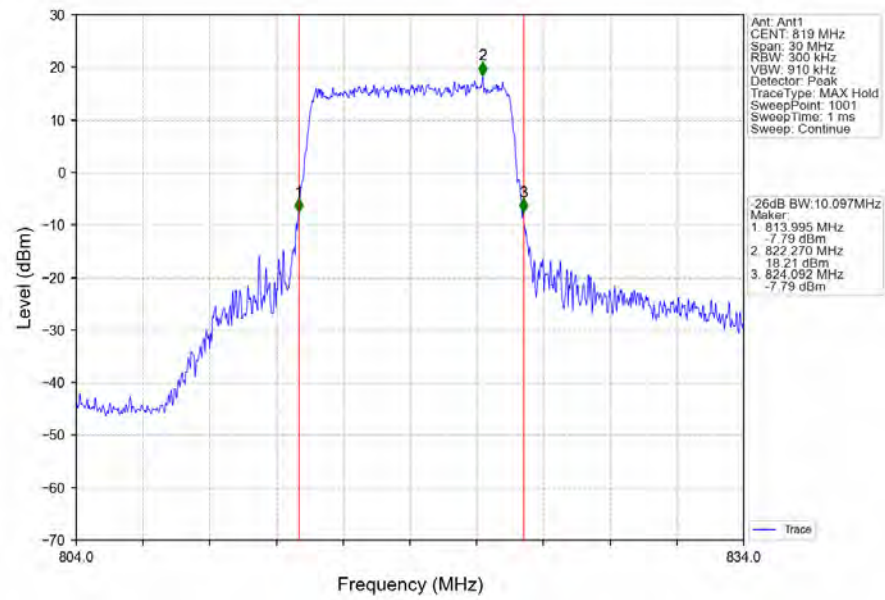
Band26a_10MHz_QPSK_MCH_819MHz_RB_50_0_NTNV



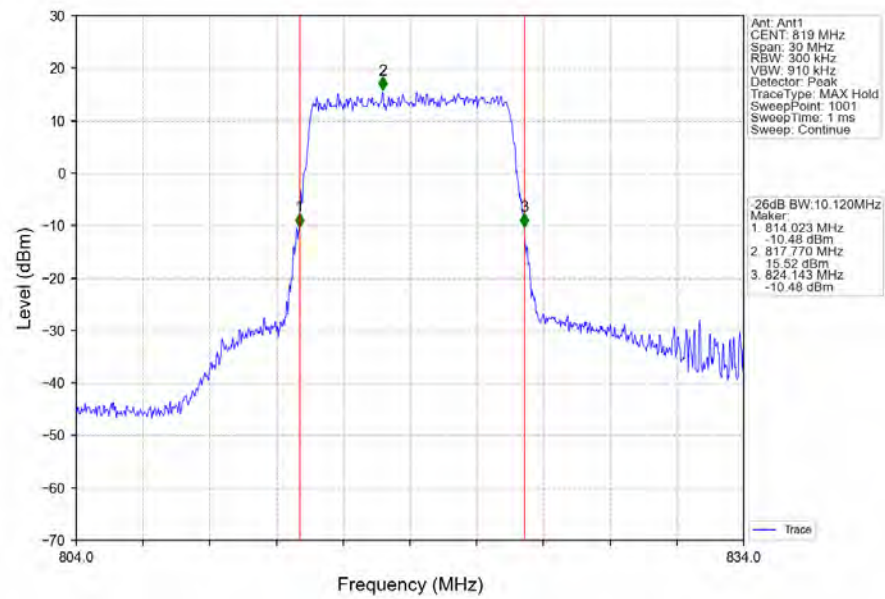
Band26a_10MHz_16QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_256QAM_MCH_819MHz_RB_50_0_NTNV



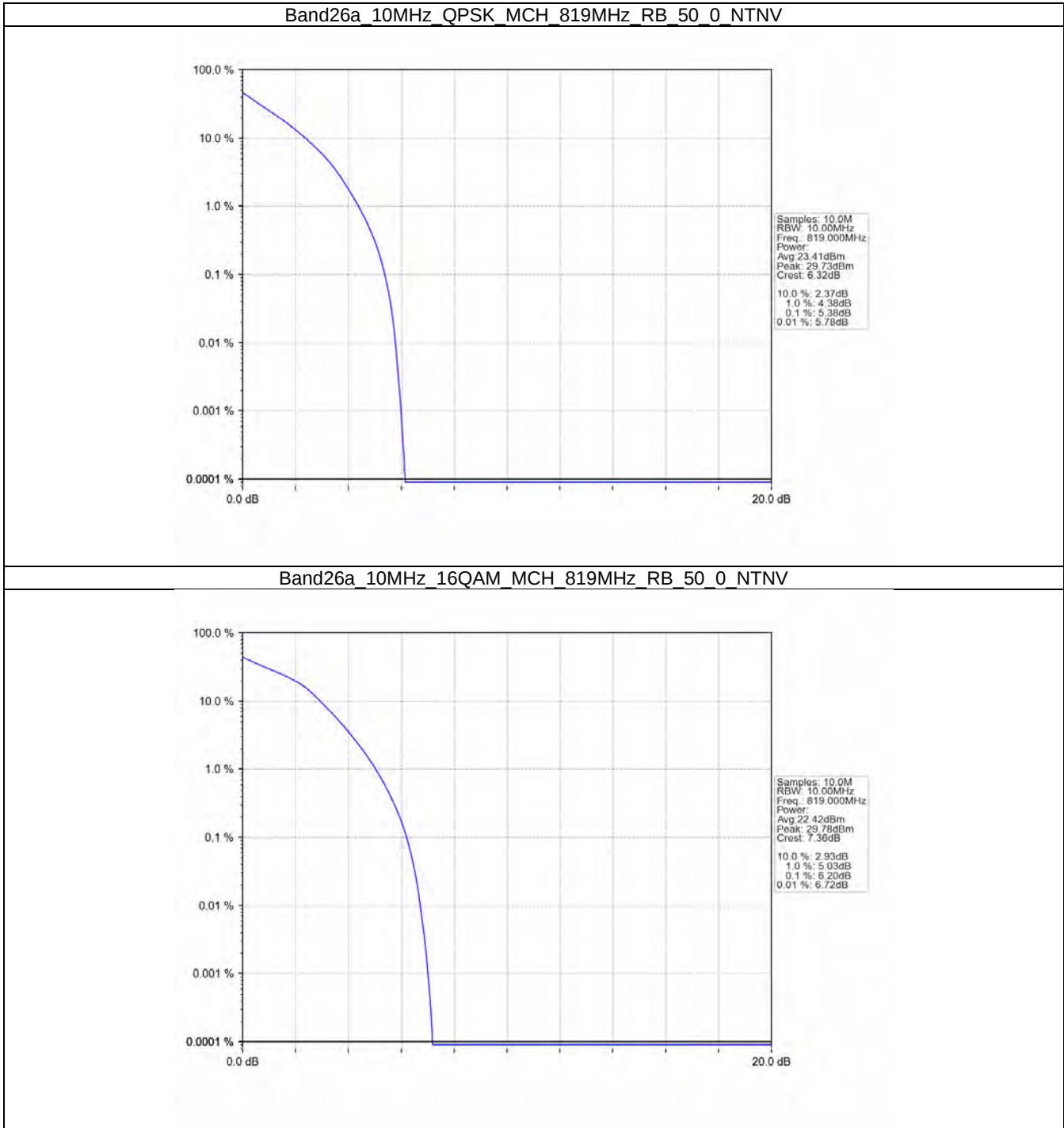
4. Peak-Average Ratio

4.1 B26a_10MHz

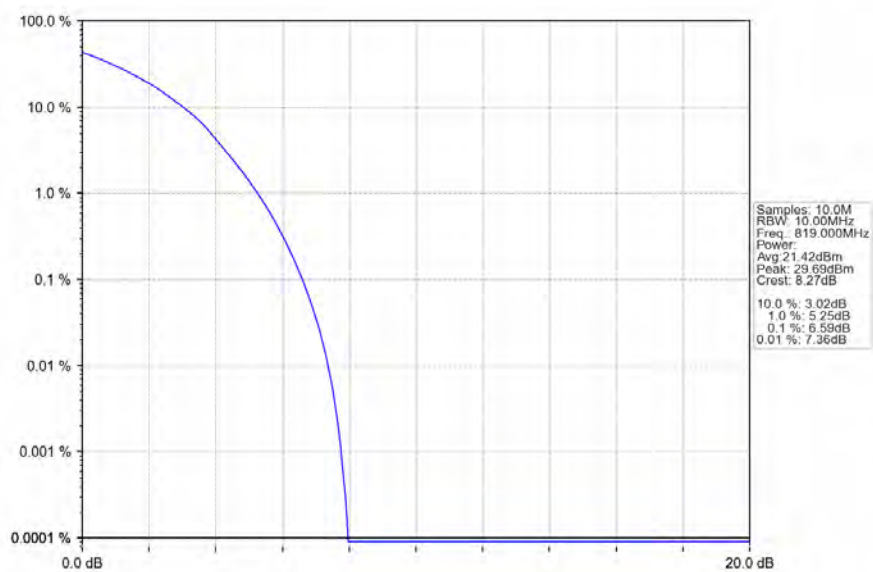
4.1.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.38	<=13	Pass
16QAM	819	50	0	6.20	<=13	Pass
64QAM	819	50	0	6.59	<=13	Pass
256QAM	819	50	0	6.80	<=13	Pass

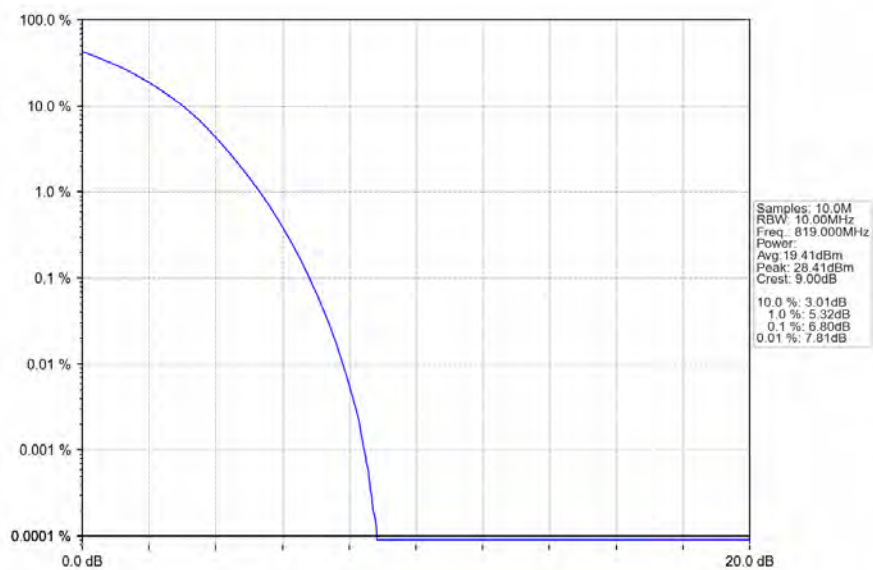
4.1.2 Test Graph



Band26a_10MHz_64QAM_MCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_256QAM_MCH_819MHz_RB_50_0_NTNV



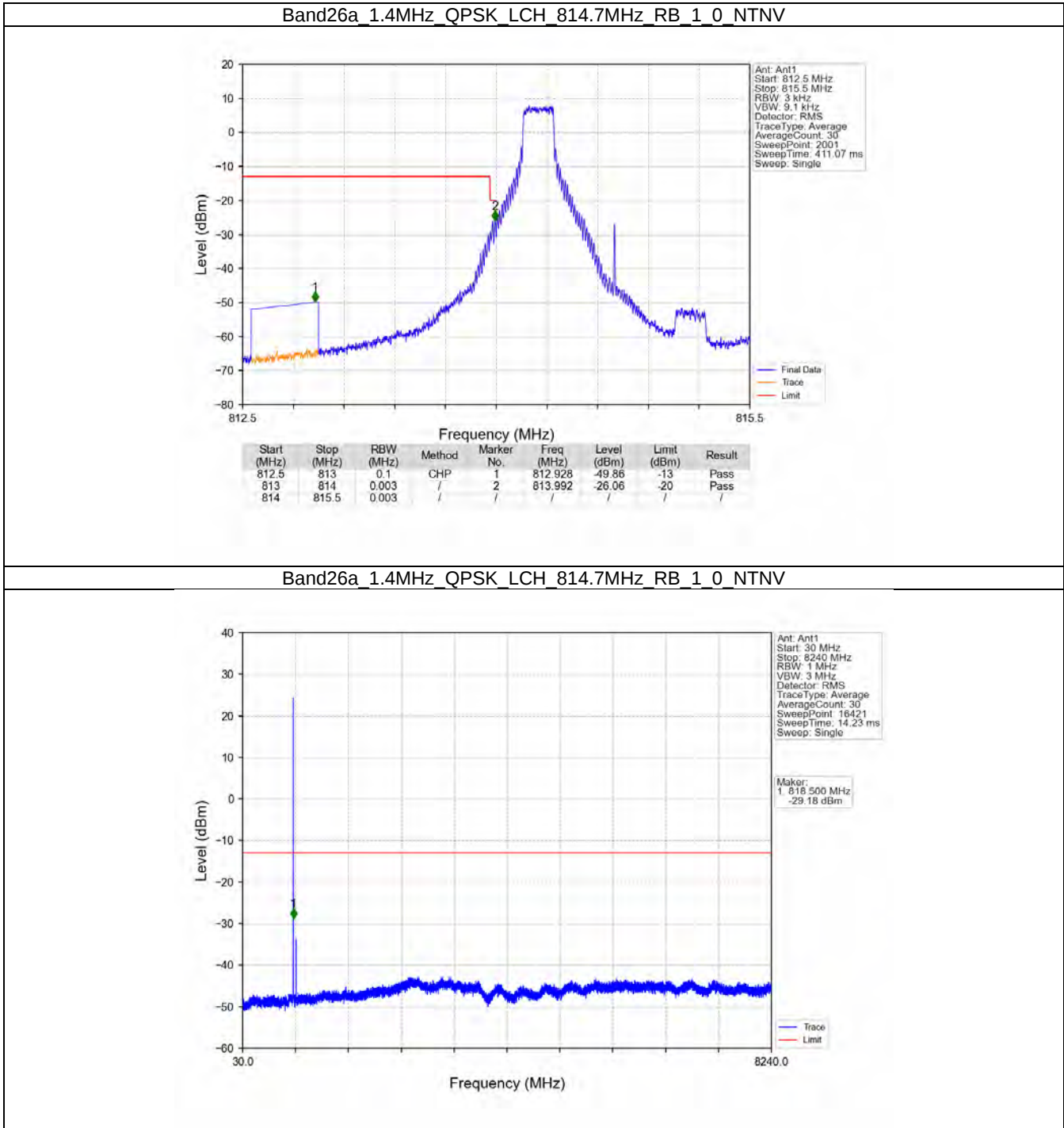
5. Spurious Emission

5.1 B26a_1.4MHz

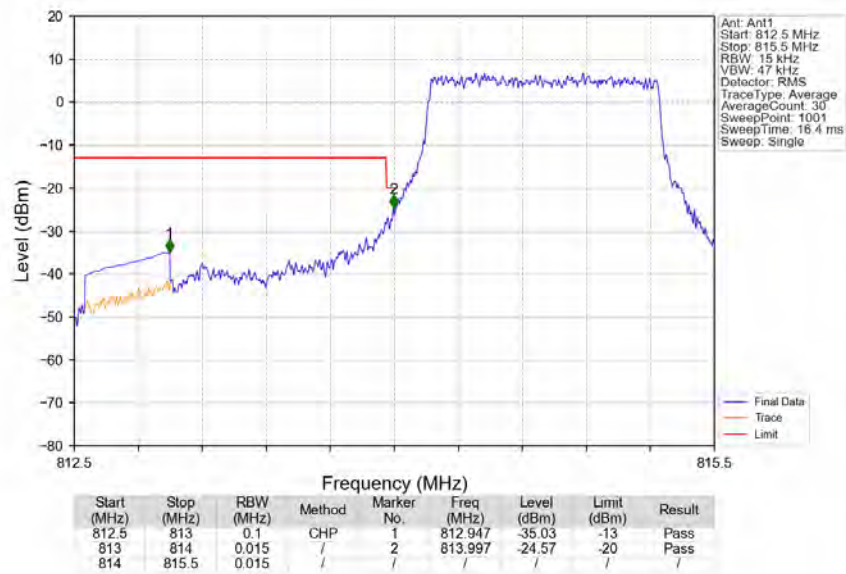
5.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	814.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	819	1	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

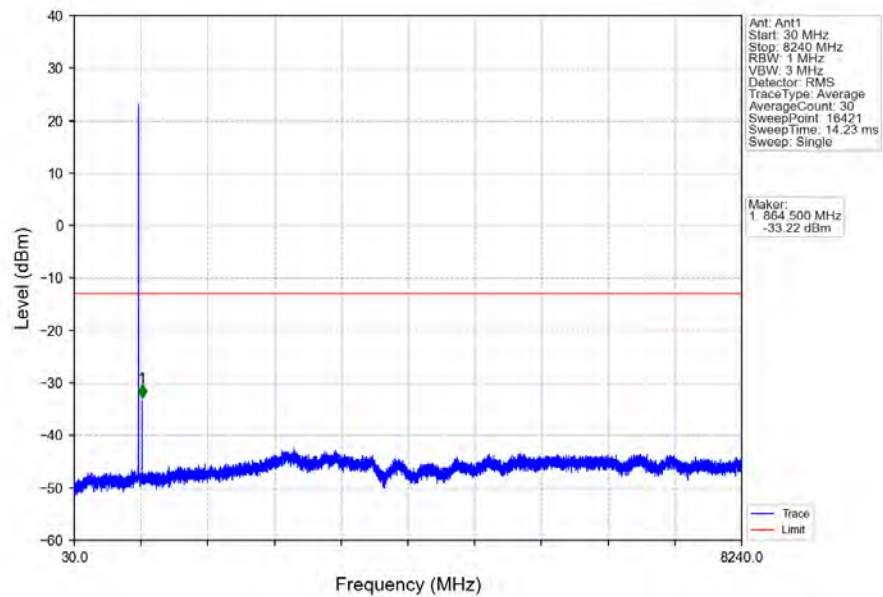
5.1.2 Test Graph



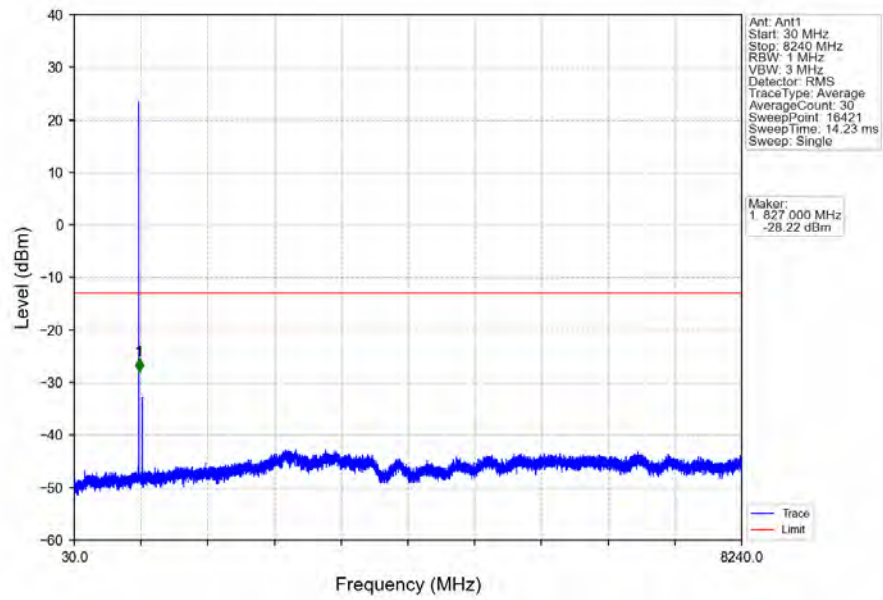
Band26a_1.4MHz_QPSK_LCH_814.7MHz_RB_6_0_NTNV



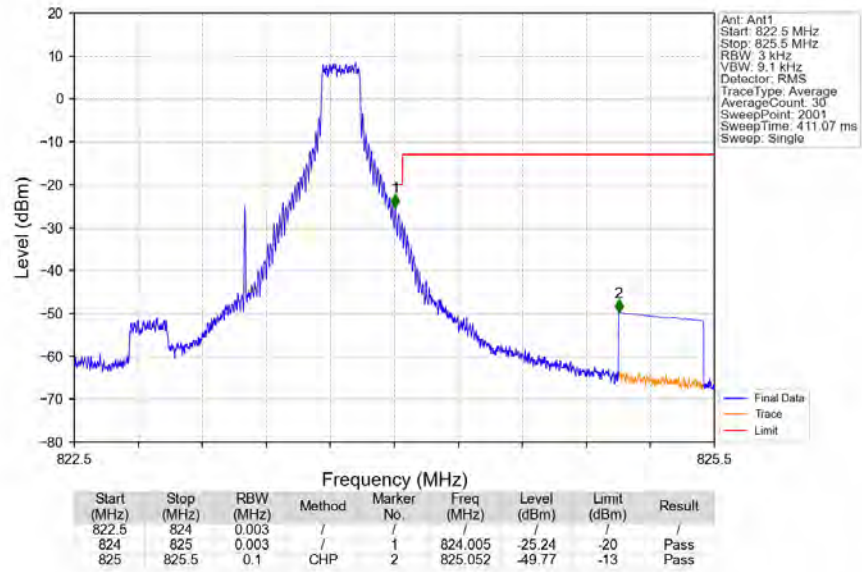
Band26a_1.4MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



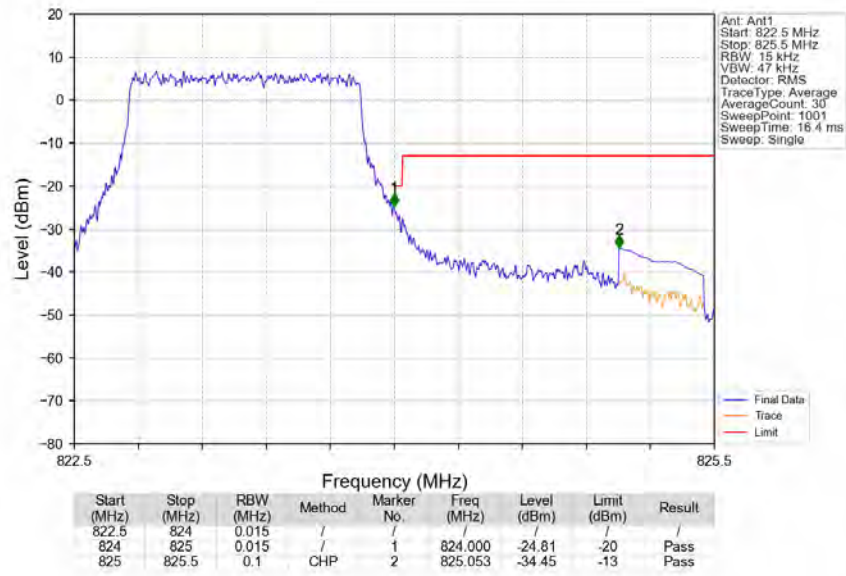
Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 0 NTNV



Band26a 1.4MHz QPSK HCH 823.3MHz RB 1 5 NTNV



Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTN

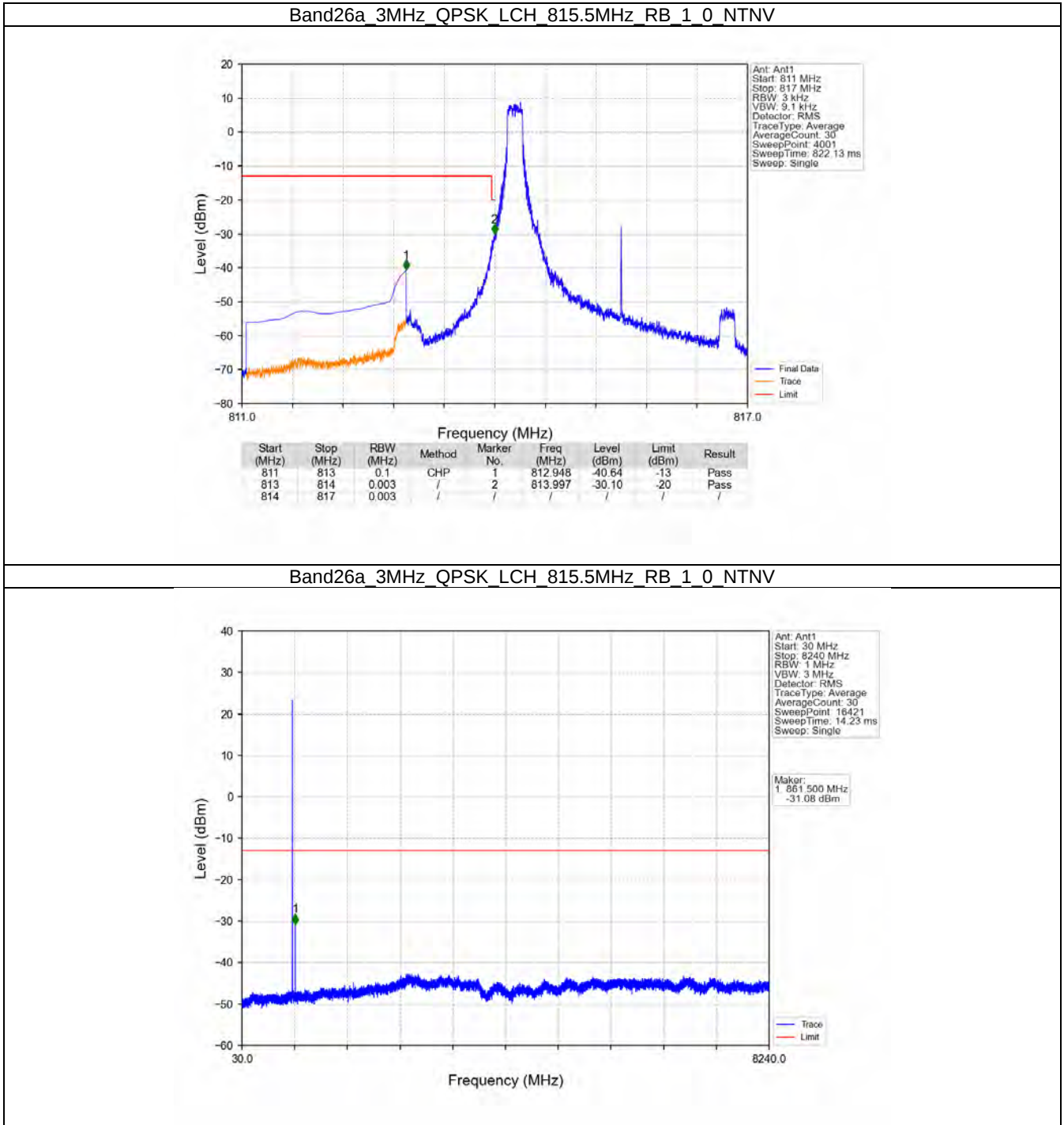


5.2 B26a_3MHz

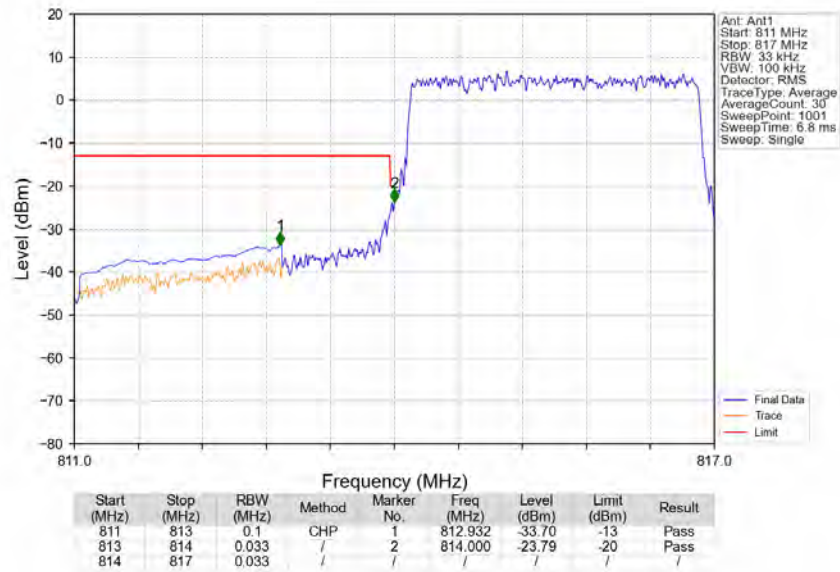
5.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	822.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

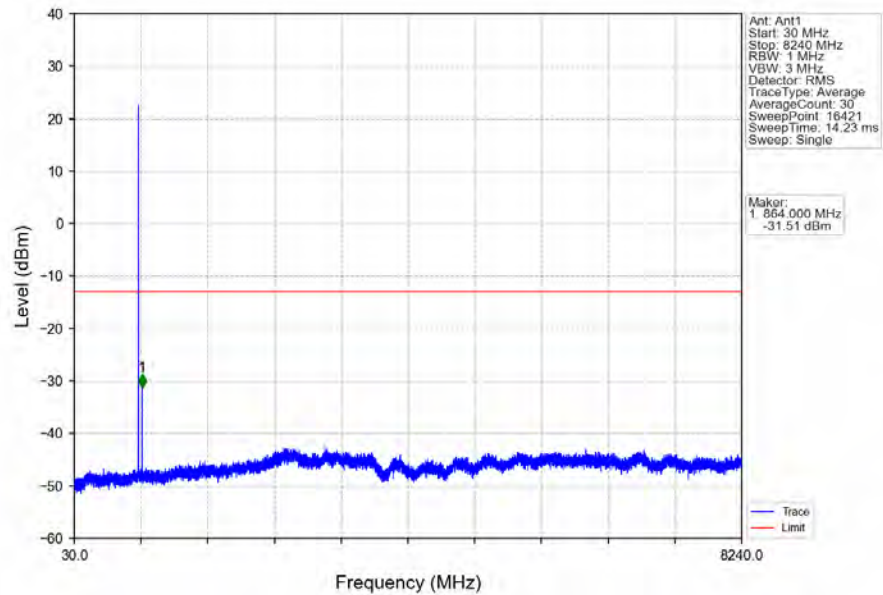
5.2.2 Test Graph



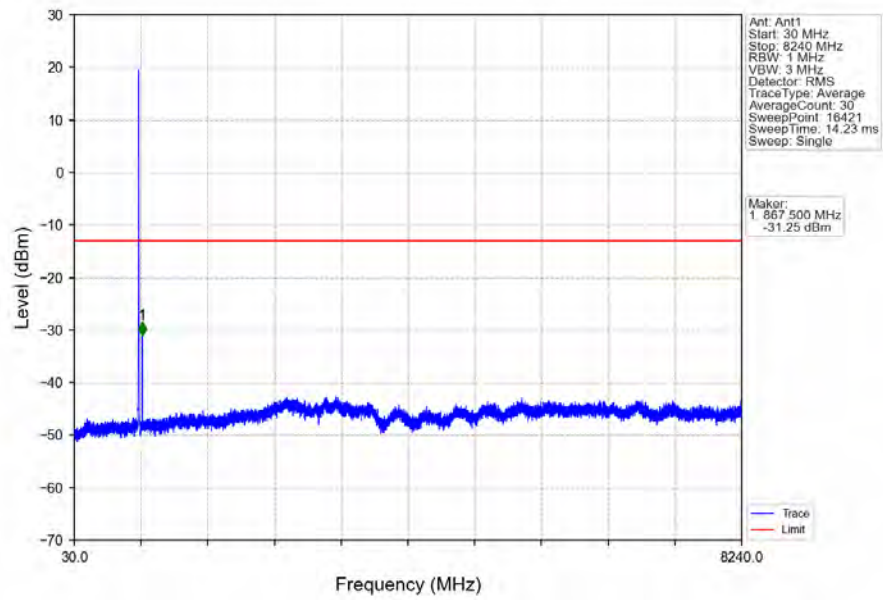
Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



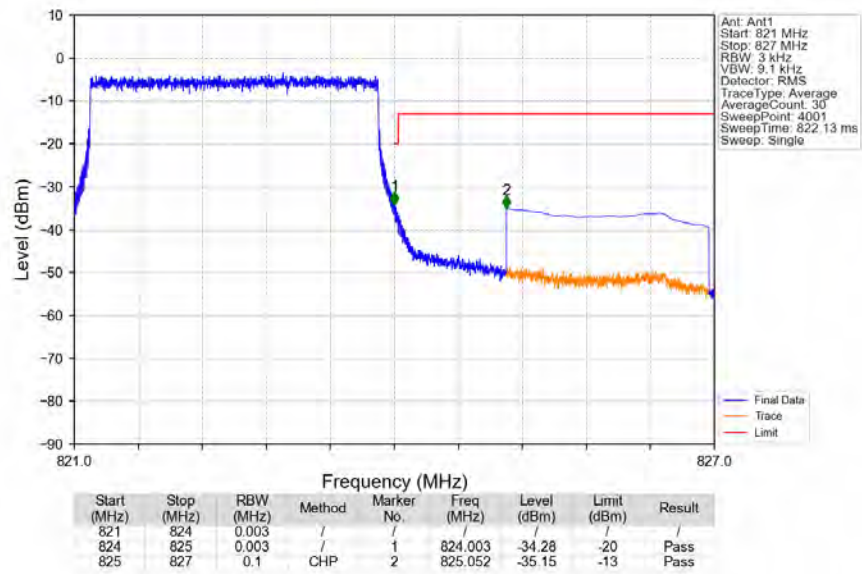
Band26a_3MHz_QPSK_MCH_819MHz_RB_1_0_NTNV

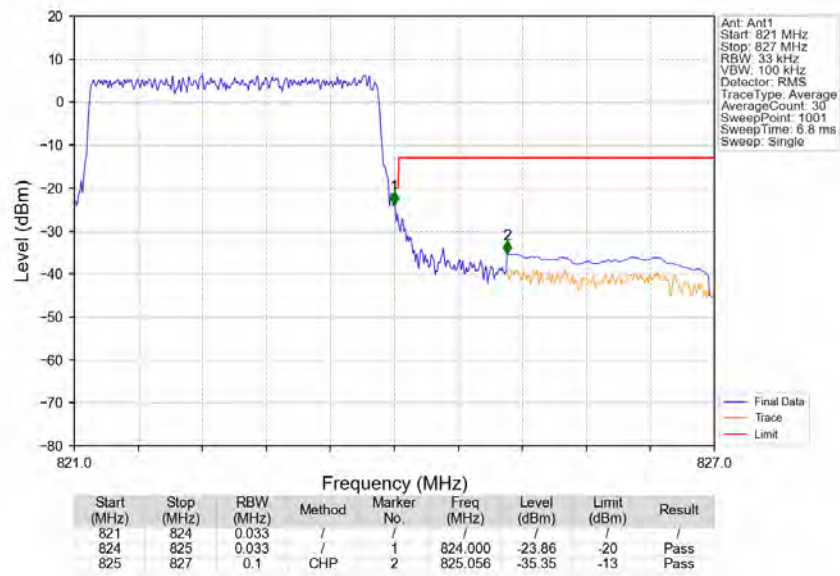


Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_0_NTNV



Band26a_3MHz_QPSK_HCH_822.5MHz_RB_1_14_NTNV



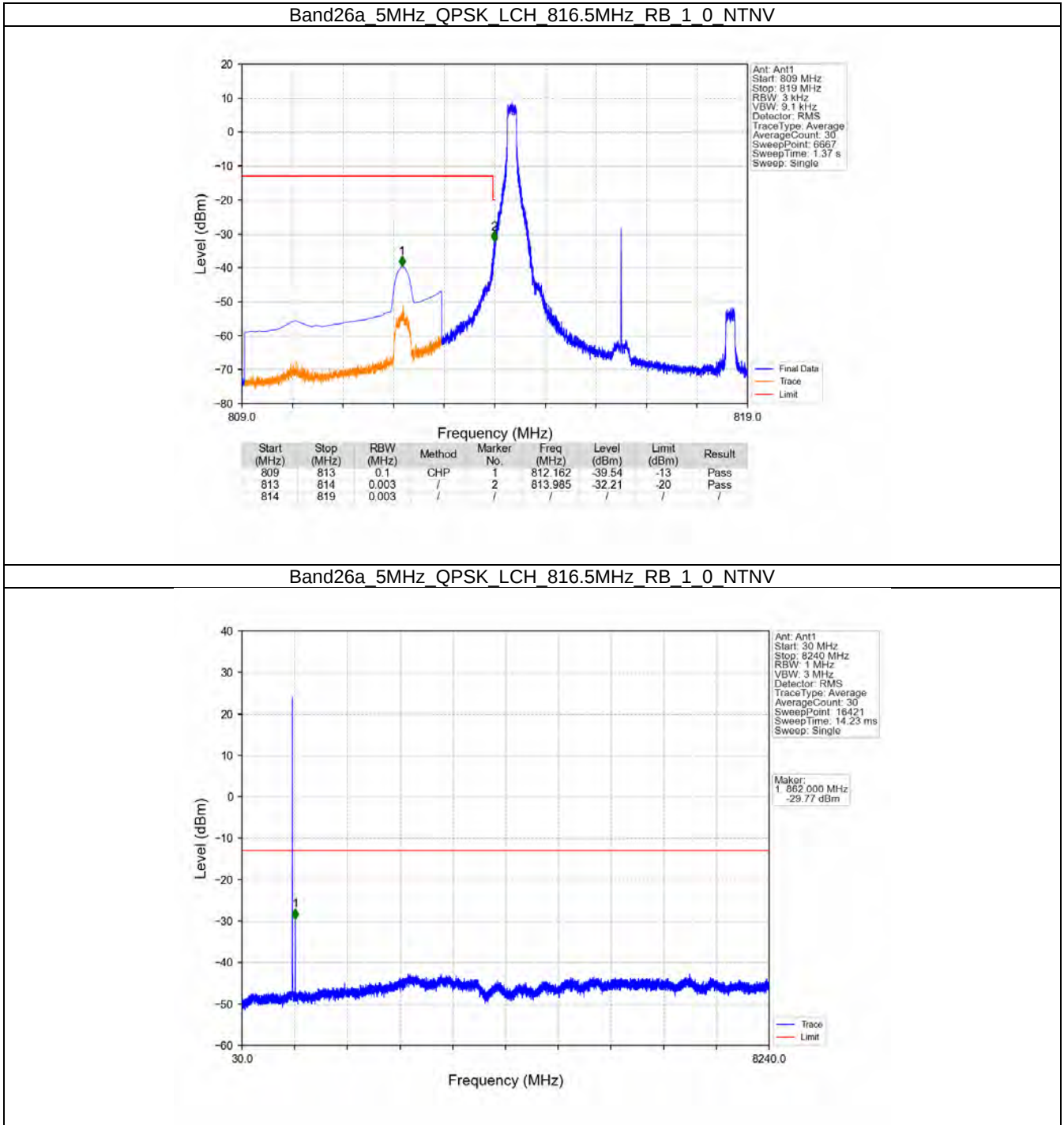


5.3 B26a_5MHz

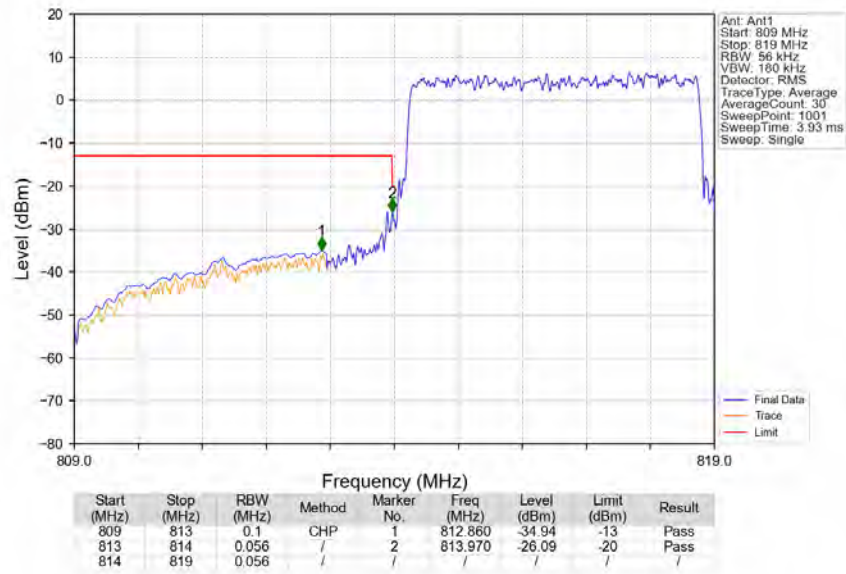
5.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	819	1	0	Refer To Test Graph		Pass
	821.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

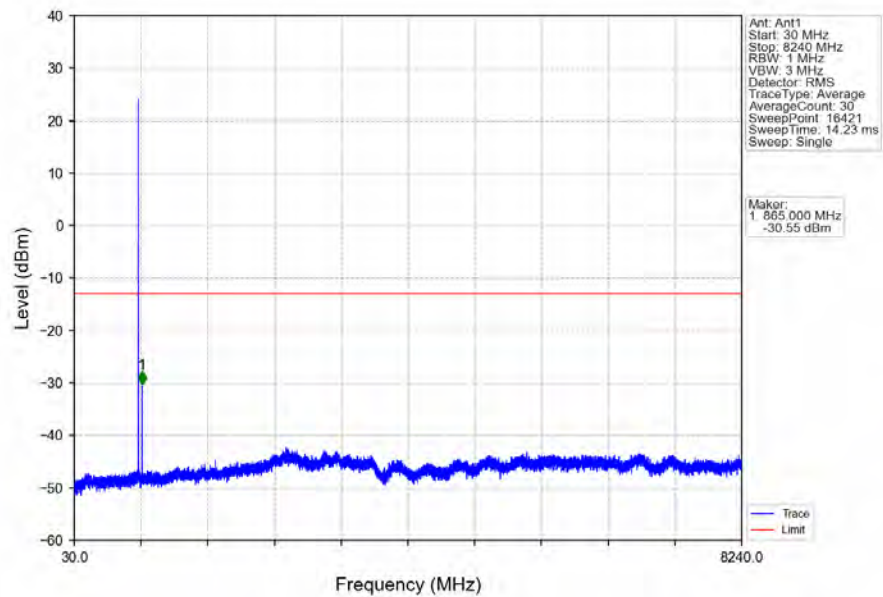
5.3.2 Test Graph



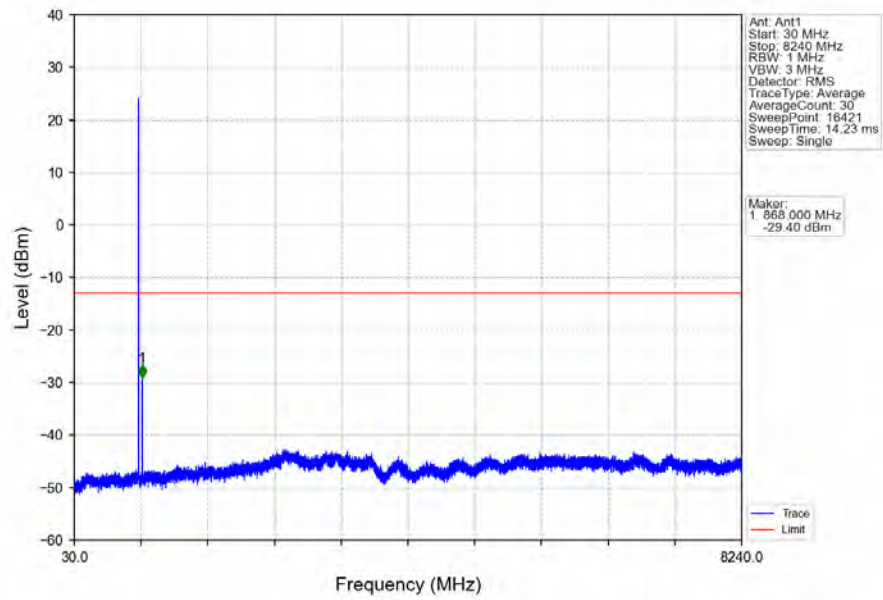
Band26a_5MHz_QPSK_LCH_816.5MHz_RB_25_0_NTNV



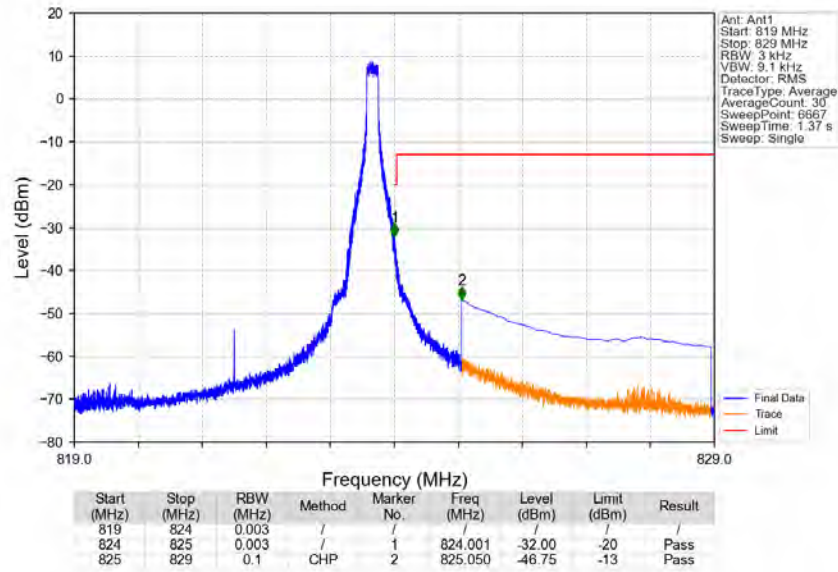
Band26a_5MHz_QPSK_MCH_819MHz_RB_1_0_NTNV



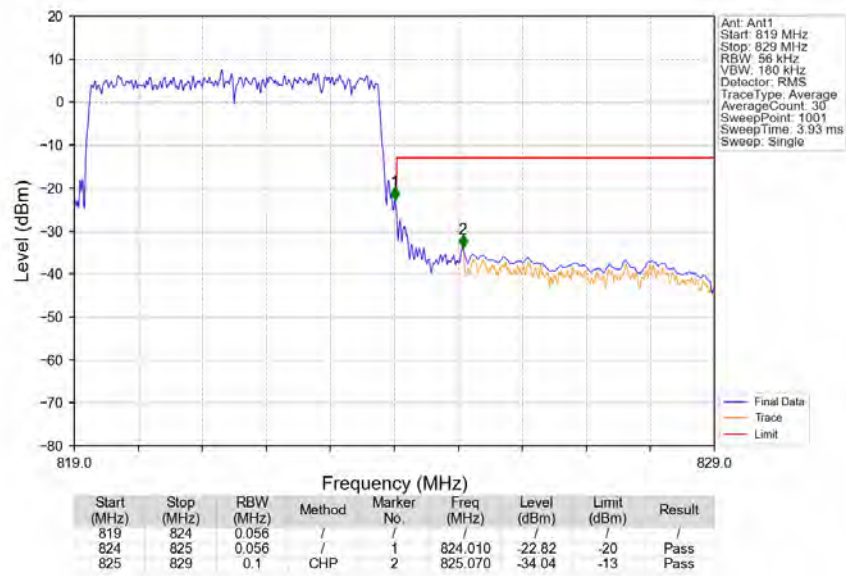
Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_0_NTNV



Band26a_5MHz_QPSK_HCH_821.5MHz_RB_1_24_NTNV



Band26a 5MHz QPSK HCH 821.5MHz RB 25 0 NTNV

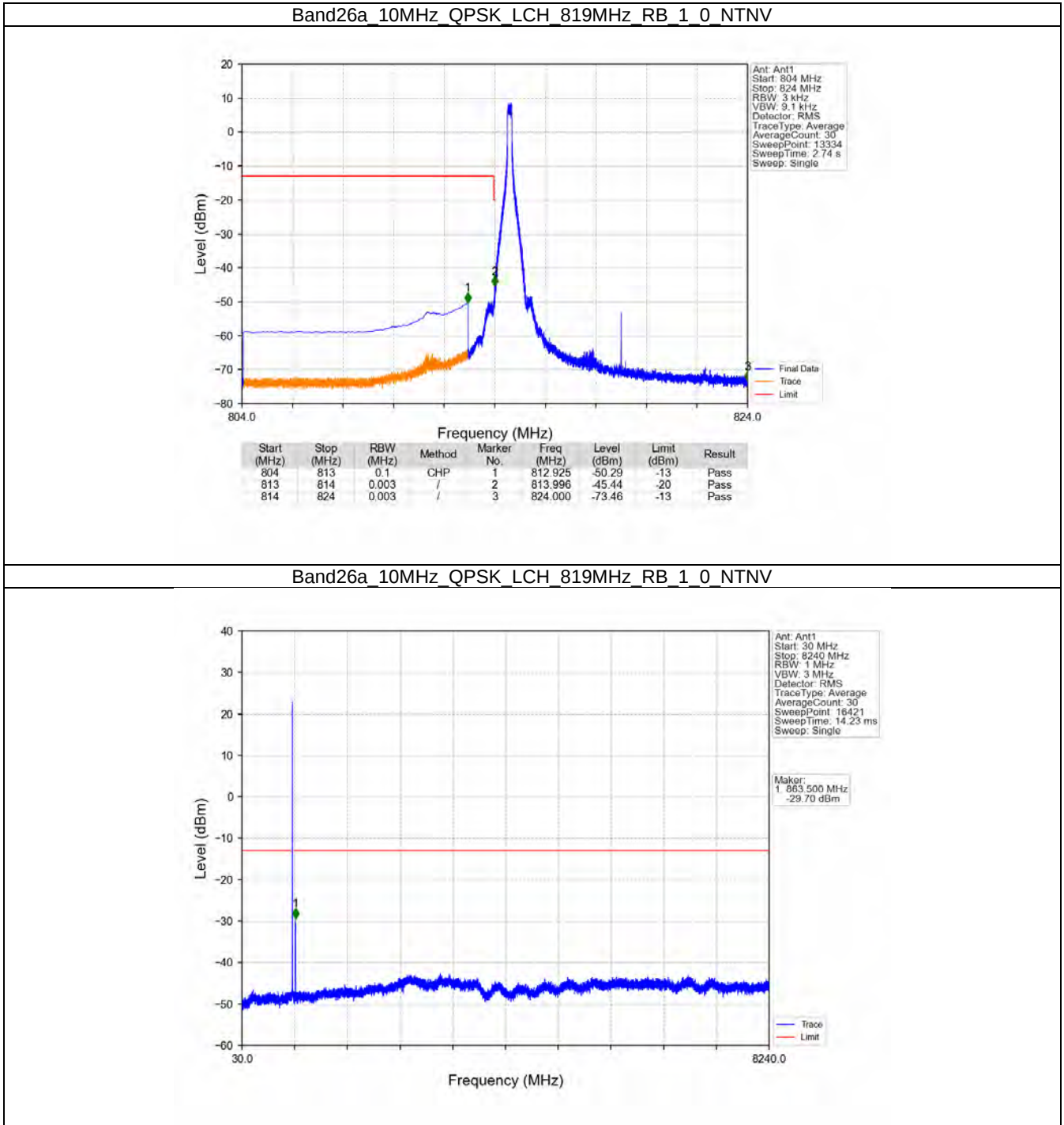


5.4 B26a_10MHz

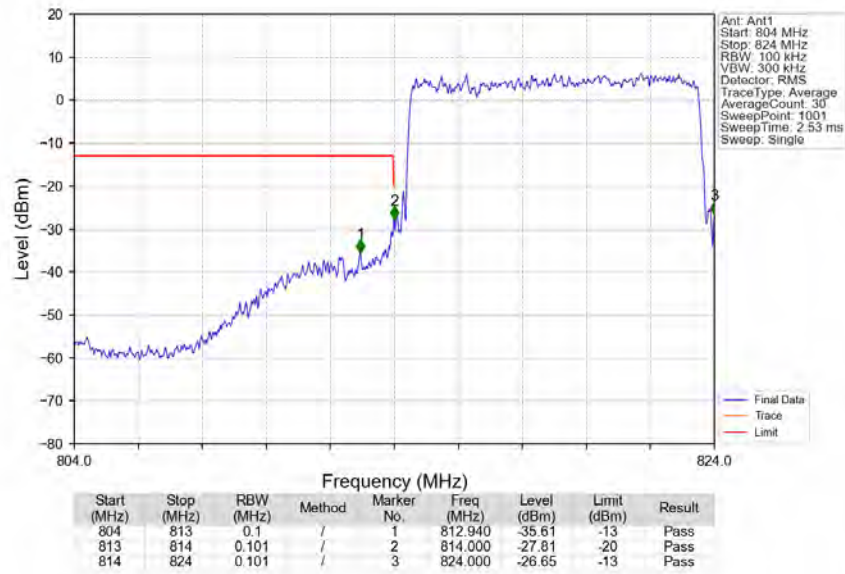
5.4.1 Test Result

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

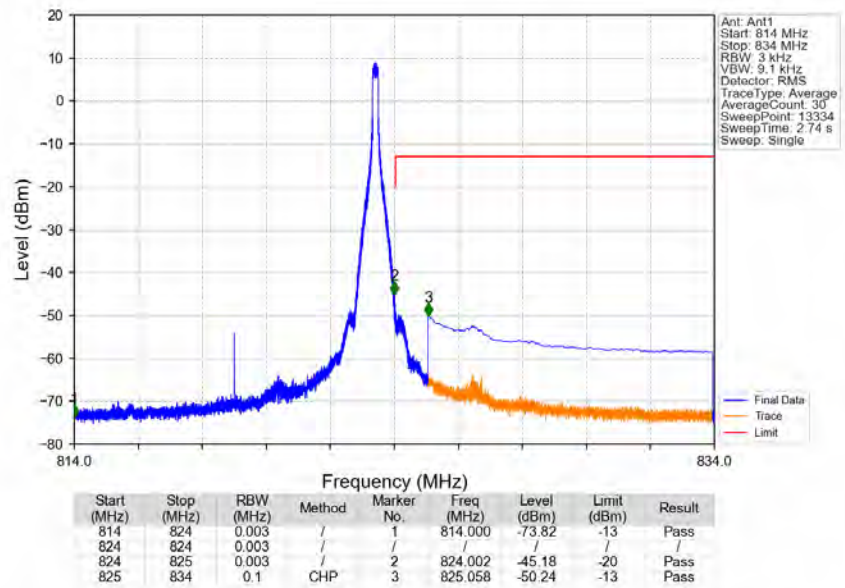
5.4.2 Test Graph



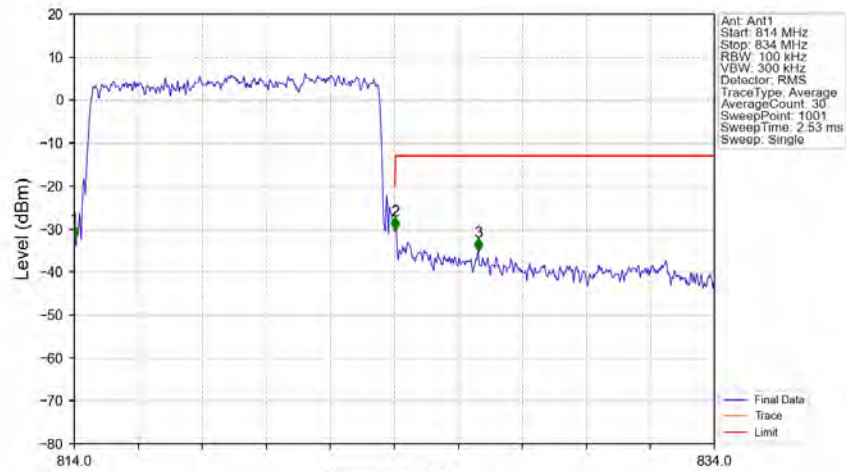
Band26a_10MHz_QPSK_LCH_819MHz_RB_50_0_NTNV



Band26a_10MHz_QPSK_HCH_819MHz_RB_1_49_NTNV



Band26a_10MHz_QPSK_HCH_819MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.102	/	1	814.000	-32.14	-13	Pass
824	825	0.102	/	2	824.020	-30.32	-20	Pass
825	834	0.1	/	3	826.620	-35.28	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 26_10M- Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1629.0	-70.8	-13	-57.8	-73.73	2.62	5.55	Horizontal	Pass
2443.5	-60.56	-13	-47.56	-63.2	3.04	5.68	Horizontal	Pass
3258.0	-66.92	-13	-53.92	-71.2	3.28	7.56	Horizontal	Pass
1629.0	-66.63	-13	-53.63	-69.56	2.62	5.55	Vertical	Pass
2443.5	-56.27	-13	-43.27	-58.91	3.04	5.68	Vertical	Pass
3258.0	-66.71	-13	-53.71	-70.99	3.28	7.56	Vertical	Pass