



Annex for LTE Band 26

Test Report No.: CTL2405163031-WF

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1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	22.64	0.94	21.43	<=50.00	Pass
			2	22.68	0.94	21.47	<=50.00	Pass
			5	22.69	0.94	21.48	<=50.00	Pass
		3	0	22.83	0.94	21.62	<=50.00	Pass
			2	22.80	0.94	21.59	<=50.00	Pass
			3	22.74	0.94	21.53	<=50.00	Pass
		6	0	22.00	0.94	20.79	<=50.00	Pass
	819	1	0	22.52	0.94	21.31	<=50.00	Pass
			2	22.83	0.94	21.62	<=50.00	Pass
			5	22.84	0.94	21.63	<=50.00	Pass
		3	0	22.60	0.94	21.39	<=50.00	Pass
			2	22.86	0.94	21.65	<=50.00	Pass
			3	22.53	0.94	21.32	<=50.00	Pass
		6	0	21.76	0.94	20.55	<=50.00	Pass
	823.3	1	0	23.08	0.94	21.87	<=50.00	Pass
			2	22.80	0.94	21.59	<=50.00	Pass
			5	22.88	0.94	21.67	<=50.00	Pass
		3	0	22.84	0.94	21.63	<=50.00	Pass
			2	22.87	0.94	21.66	<=50.00	Pass
			3	22.95	0.94	21.74	<=50.00	Pass
		6	0	21.80	0.94	20.59	<=50.00	Pass
16QAM	814.7	1	0	21.96	0.94	20.75	<=50.00	Pass
			2	22.49	0.94	21.28	<=50.00	Pass
			5	21.80	0.94	20.59	<=50.00	Pass
		3	0	21.79	0.94	20.58	<=50.00	Pass
			2	21.84	0.94	20.63	<=50.00	Pass
			3	21.89	0.94	20.68	<=50.00	Pass
		6	0	20.98	0.94	19.77	<=50.00	Pass
	819	1	0	21.71	0.94	20.50	<=50.00	Pass
			2	22.29	0.94	21.08	<=50.00	Pass
			5	21.92	0.94	20.71	<=50.00	Pass
		3	0	21.77	0.94	20.56	<=50.00	Pass
			2	21.90	0.94	20.69	<=50.00	Pass
			3	21.98	0.94	20.77	<=50.00	Pass
		6	0	20.91	0.94	19.70	<=50.00	Pass
	823.3	1	0	22.20	0.94	20.99	<=50.00	Pass
			2	21.53	0.94	20.32	<=50.00	Pass
			5	22.17	0.94	20.96	<=50.00	Pass
		3	0	21.93	0.94	20.72	<=50.00	Pass
			2	22.06	0.94	20.85	<=50.00	Pass
			3	21.91	0.94	20.70	<=50.00	Pass
		6	0	20.79	0.94	19.58	<=50.00	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

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1.1.2 B26a_3MHz_ERP

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	22.56	0.94	21.35	<=50.00	Pass
			7	22.91	0.94	21.70	<=50.00	Pass
			14	22.87	0.94	21.66	<=50.00	Pass
		8	0	21.97	0.94	20.76	<=50.00	Pass
			4	21.95	0.94	20.74	<=50.00	Pass
			7	21.91	0.94	20.70	<=50.00	Pass
		15	0	21.93	0.94	20.72	<=50.00	Pass
	819	1	0	22.70	0.94	21.49	<=50.00	Pass
			7	22.78	0.94	21.57	<=50.00	Pass
			14	22.63	0.94	21.42	<=50.00	Pass
		8	0	21.82	0.94	20.61	<=50.00	Pass
			4	21.82	0.94	20.61	<=50.00	Pass
			7	21.81	0.94	20.60	<=50.00	Pass
		15	0	21.78	0.94	20.57	<=50.00	Pass
	822.5	1	0	22.69	0.94	21.48	<=50.00	Pass
			7	22.86	0.94	21.65	<=50.00	Pass
			14	22.88	0.94	21.67	<=50.00	Pass
		8	0	21.80	0.94	20.59	<=50.00	Pass
			4	21.95	0.94	20.74	<=50.00	Pass
			7	21.89	0.94	20.68	<=50.00	Pass
		15	0	21.91	0.94	20.70	<=50.00	Pass
16QAM	815.5	1	0	21.62	0.94	20.41	<=50.00	Pass
			7	22.28	0.94	21.07	<=50.00	Pass
			14	22.06	0.94	20.85	<=50.00	Pass
		8	0	20.75	0.94	19.54	<=50.00	Pass
			4	21.10	0.94	19.89	<=50.00	Pass
			7	20.69	0.94	19.48	<=50.00	Pass
		15	0	20.86	0.94	19.65	<=50.00	Pass
	819	1	0	22.29	0.94	21.08	<=50.00	Pass
			7	21.80	0.94	20.59	<=50.00	Pass
			14	22.15	0.94	20.94	<=50.00	Pass
		8	0	20.65	0.94	19.44	<=50.00	Pass
			4	20.81	0.94	19.60	<=50.00	Pass
			7	21.02	0.94	19.81	<=50.00	Pass
		15	0	20.69	0.94	19.48	<=50.00	Pass
	822.5	1	0	22.27	0.94	21.06	<=50.00	Pass
			7	22.28	0.94	21.07	<=50.00	Pass
			14	21.49	0.94	20.28	<=50.00	Pass
		8	0	20.75	0.94	19.54	<=50.00	Pass
			4	20.65	0.94	19.44	<=50.00	Pass
			7	20.86	0.94	19.65	<=50.00	Pass
		15	0	20.89	0.94	19.68	<=50.00	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	22.57	0.94	21.36	<=50.00	Pass
			13	22.80	0.94	21.59	<=50.00	Pass
			24	22.55	0.94	21.34	<=50.00	Pass
		12	0	21.94	0.94	20.73	<=50.00	Pass

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	819	25	6	21.96	0.94	20.75	<=50.00	Pass
			13	21.77	0.94	20.56	<=50.00	Pass
			0	21.81	0.94	20.60	<=50.00	Pass
		1	0	22.71	0.94	21.50	<=50.00	Pass
			13	22.73	0.94	21.52	<=50.00	Pass
			24	22.79	0.94	21.58	<=50.00	Pass
		12	0	21.82	0.94	20.61	<=50.00	Pass
			6	21.80	0.94	20.59	<=50.00	Pass
			13	21.81	0.94	20.60	<=50.00	Pass
	821.5	25	0	21.76	0.94	20.55	<=50.00	Pass
			0	22.57	0.94	21.36	<=50.00	Pass
			13	22.85	0.94	21.64	<=50.00	Pass
		1	24	22.68	0.94	21.47	<=50.00	Pass
			0	21.81	0.94	20.60	<=50.00	Pass
			6	21.88	0.94	20.67	<=50.00	Pass
		12	13	21.75	0.94	20.54	<=50.00	Pass
			0	21.75	0.94	20.54	<=50.00	Pass
			0	21.75	0.94	20.54	<=50.00	Pass
16QAM	816.5	1	0	21.53	0.94	20.32	<=50.00	Pass
			13	21.85	0.94	20.64	<=50.00	Pass
			24	21.03	0.94	19.82	<=50.00	Pass
		12	0	20.81	0.94	19.60	<=50.00	Pass
			6	20.69	0.94	19.48	<=50.00	Pass
			13	20.51	0.94	19.30	<=50.00	Pass
		25	0	20.85	0.94	19.64	<=50.00	Pass
	819	1	0	21.11	0.94	19.90	<=50.00	Pass
			13	22.39	0.94	21.18	<=50.00	Pass
			24	21.56	0.94	20.35	<=50.00	Pass
		12	0	20.77	0.94	19.56	<=50.00	Pass
			6	20.67	0.94	19.46	<=50.00	Pass
			13	20.72	0.94	19.51	<=50.00	Pass
		25	0	20.96	0.94	19.75	<=50.00	Pass
	821.5	1	0	21.37	0.94	20.16	<=50.00	Pass
			13	21.40	0.94	20.19	<=50.00	Pass
			24	22.18	0.94	20.97	<=50.00	Pass
		12	0	20.84	0.94	19.63	<=50.00	Pass
			6	20.84	0.94	19.63	<=50.00	Pass
			13	20.84	0.94	19.63	<=50.00	Pass
		25	0	20.71	0.94	19.50	<=50.00	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B26a_10MHz_ERP

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	22.74	0.94	21.53	<=50.00	Pass
			25	22.69	0.94	21.48	<=50.00	Pass
			49	22.73	0.94	21.52	<=50.00	Pass
		25	0	21.87	0.94	20.66	<=50.00	Pass
			13	21.84	0.94	20.63	<=50.00	Pass
			25	21.83	0.94	20.62	<=50.00	Pass
		50	0	21.81	0.94	20.60	<=50.00	Pass
16QAM	819	1	0	22.19	0.94	20.98	<=50.00	Pass
			25	22.27	0.94	21.06	<=50.00	Pass
			49	21.33	0.94	20.12	<=50.00	Pass
		25	0	20.76	0.94	19.55	<=50.00	Pass
			13	21.02	0.94	19.81	<=50.00	Pass

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		25	21.05	0.94	19.84	<=50.00	Pass
		50	0	0.94	19.45	<=50.00	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	814.7	6	0	20	3.27	-0.272	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.887	-0.0011	-2.5 to 2.5	Pass
					4.43	-0.987	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.687	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.515	-0.0006	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.359	-0.0017	-2.5 to 2.5	Pass
				40	3.85	0.043	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.172	-0.0002	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-1.202	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0022	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.289	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.645	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.890	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-1.373	-0.0017	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	-1.402	-0.0017	-2.5 to 2.5	Pass
					3.85	-0.587	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.087	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.345	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-0.329	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.030	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-1.101	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
16QAM	814.7	6	0	20	3.27	0.873	0.0011	-2.5 to 2.5	Pass
					3.85	0.987	0.0012	-2.5 to 2.5	Pass
					4.43	0.572	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.658	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.401	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.644	0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass

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				40	3.85	1.988	0.0024	-2.5 to 2.5	Pass
				50	3.85	1.087	0.0013	-2.5 to 2.5	Pass
	819	6	0	20	3.27	-1.631	-0.0020	-2.5 to 2.5	Pass
					3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
					4.43	-1.044	-0.0013	-2.5 to 2.5	Pass
					-30	3.85	-1.531	-0.0019	-2.5 to 2.5
				-20	3.85	-0.544	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.844	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-1.817	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-2.031	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass
	823.3	6	0	20	3.27	0.386	0.0005	-2.5 to 2.5	Pass
					3.85	0.615	0.0007	-2.5 to 2.5	Pass
					4.43	-0.157	-0.0002	-2.5 to 2.5	Pass
					-30	3.85	1.001	0.0012	-2.5 to 2.5
				-20	3.85	1.845	0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.458	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.087	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.372	0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass

2.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	815.5	15	0	20	3.27	0.072	0.0001	-2.5 to 2.5	Pass
					3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.501	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.501	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.330	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.001	-0.0012	-2.5 to 2.5	Pass
	819	15	0	20	3.27	-1.044	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.260	-0.0028	-2.5 to 2.5	Pass
					4.43	-2.732	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-2.232	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-1.931	-0.0024	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-0.186	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.030	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.558	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass

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16QAM	815.5	15	0	-10	3.85	-0.758	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
	819	15	0	50	3.85	-0.930	-0.0011	-2.5 to 2.5	Pass
				20	3.27	0.715	0.0009	-2.5 to 2.5	Pass
					3.85	-1.230	-0.0015	-2.5 to 2.5	Pass
					4.43	0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0013	-2.5 to 2.5	Pass
				0	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.944	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.131	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0018	-2.5 to 2.5	Pass
	822.5	15	0	20	3.27	-1.001	-0.0012	-2.5 to 2.5	Pass
					3.85	-2.961	-0.0036	-2.5 to 2.5	Pass
					4.43	-1.903	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-1.974	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-1.631	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-3.119	-0.0038	-2.5 to 2.5	Pass
				20	3.27	0.501	0.0006	-2.5 to 2.5	Pass
					3.85	-1.130	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0005	-2.5 to 2.5	Pass
					3.85	0.443	0.0005	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
					3.85	0.973	0.0012	-2.5 to 2.5	Pass
					3.85	-0.687	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.572	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.531	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass

2.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	816.5	25	0	20	3.27	0.100	0.0001	-2.5 to 2.5	Pass
					3.85	0.329	0.0004	-2.5 to 2.5	Pass
					4.43	-0.243	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.472	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0007	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.215	0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-2.003	-0.0024	-2.5 to 2.5	Pass

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16QAM	821.5	25	0		3.85	-2.275	-0.0028	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.688	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-2.403	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-1.903	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-2.317	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.659	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.117	-0.0026	-2.5 to 2.5	Pass
				20	3.27	-1.431	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.616	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.159	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.931	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.488	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.772	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.302	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.287	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
16QAM	816.5	25	0	20	3.27	0.730	0.0009	-2.5 to 2.5	Pass
					3.85	-0.315	-0.0004	-2.5 to 2.5	Pass
					4.43	0.072	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.272	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	3.85	2.089	0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0009	-2.5 to 2.5	Pass
				50	3.85	0.443	0.0005	-2.5 to 2.5	Pass
	819	25	0	20	3.27	-1.516	-0.0019	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.718	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-2.518	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-0.415	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.917	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-1.731	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-1.245	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.788	-0.0022	-2.5 to 2.5	Pass
	821.5	25	0	20	3.27	-1.445	-0.0018	-2.5 to 2.5	Pass
					3.85	-1.516	-0.0018	-2.5 to 2.5	Pass
					4.43	-0.658	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.388	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-2.117	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-1.016	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.316	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-0.529	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-2.704	-0.0033	-2.5 to 2.5	Pass

FCCID: 2BCUE-P8GLOBAL

2.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.27	-2.232	-0.0027	-2.5 to 2.5	Pass
					3.85	-1.674	-0.0020	-2.5 to 2.5	Pass
					4.43	-1.917	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-1.874	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.931	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.418	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-1.702	-0.0021	-2.5 to 2.5	Pass
16QAM	819	50	0	20	3.27	-1.674	-0.0020	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0026	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-2.260	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-2.489	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.632	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-1.531	-0.0019	-2.5 to 2.5	Pass

3. Modulation Characteristics**3.1 Test Result****3.1.1 B26a_1.4MHz**

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

3.1.2 B26a_3MHz

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

3.1.3 B26a_5MHz

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

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16QAM	819	25	0	Refer To Test Graph	Pass
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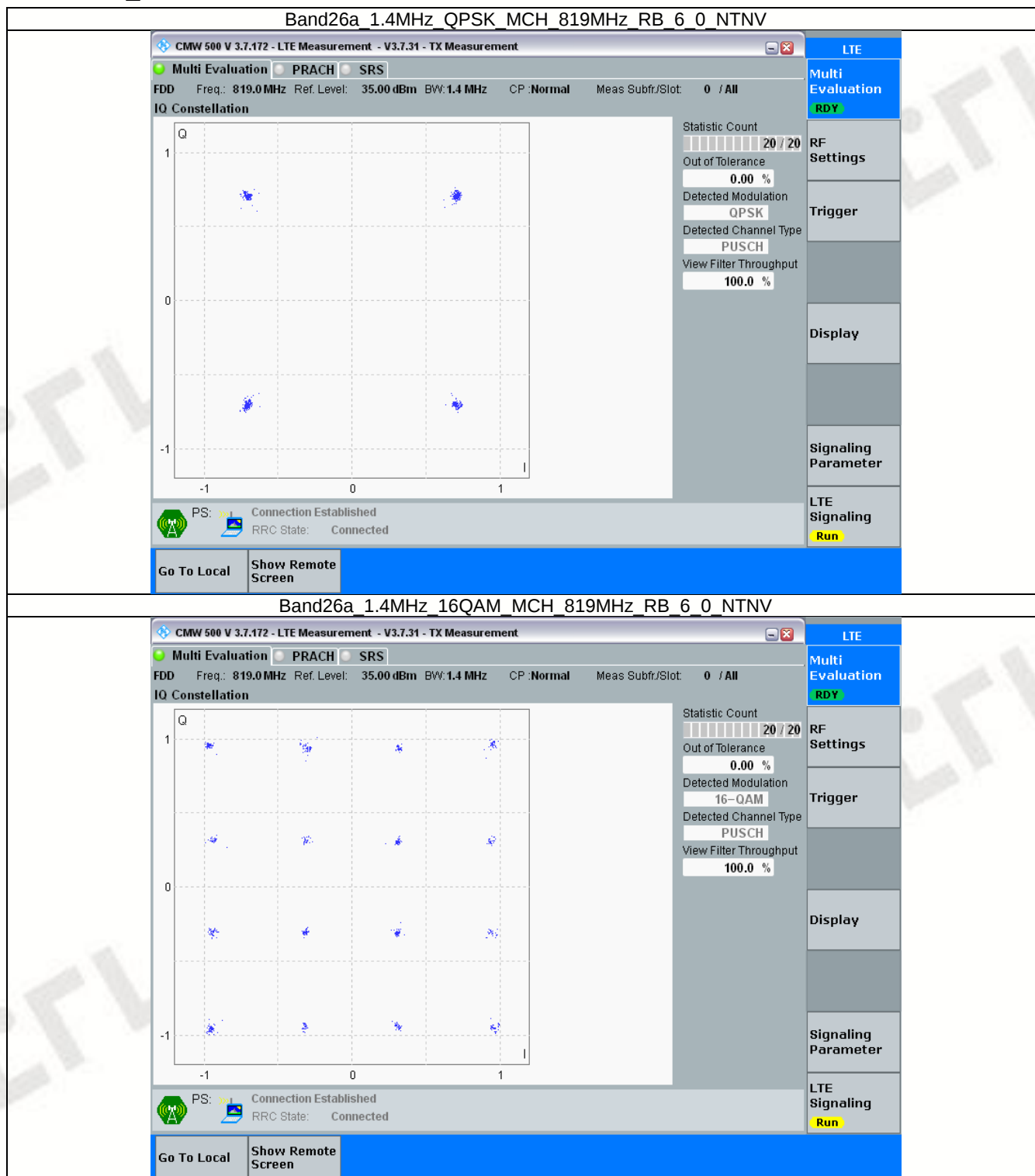
3.1.4 B26a_10MHz

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

FCCID: 2BCUE-P8GLOBAL

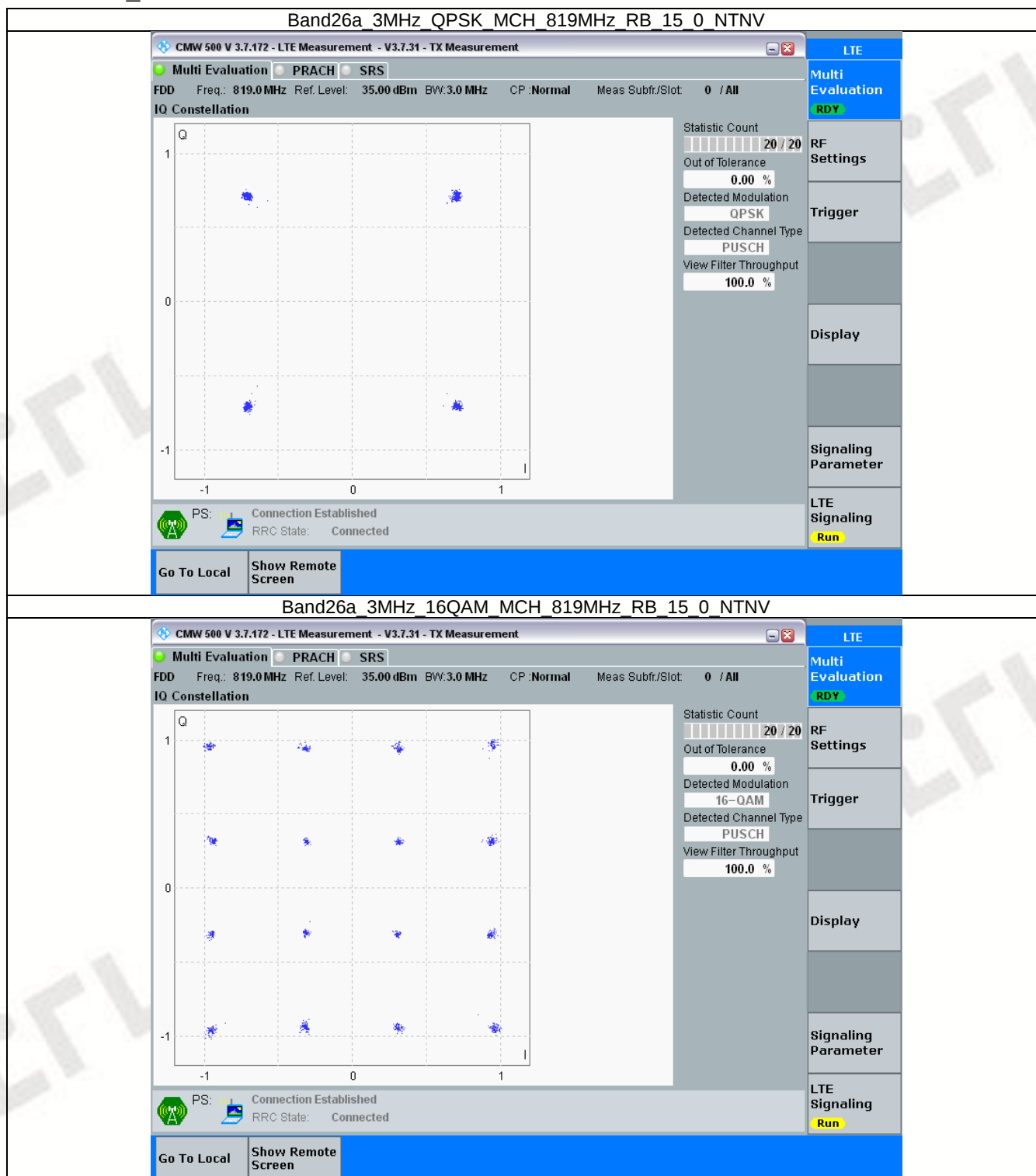
3.2 Test Graph

3.2.1 B26a_1.4MHz



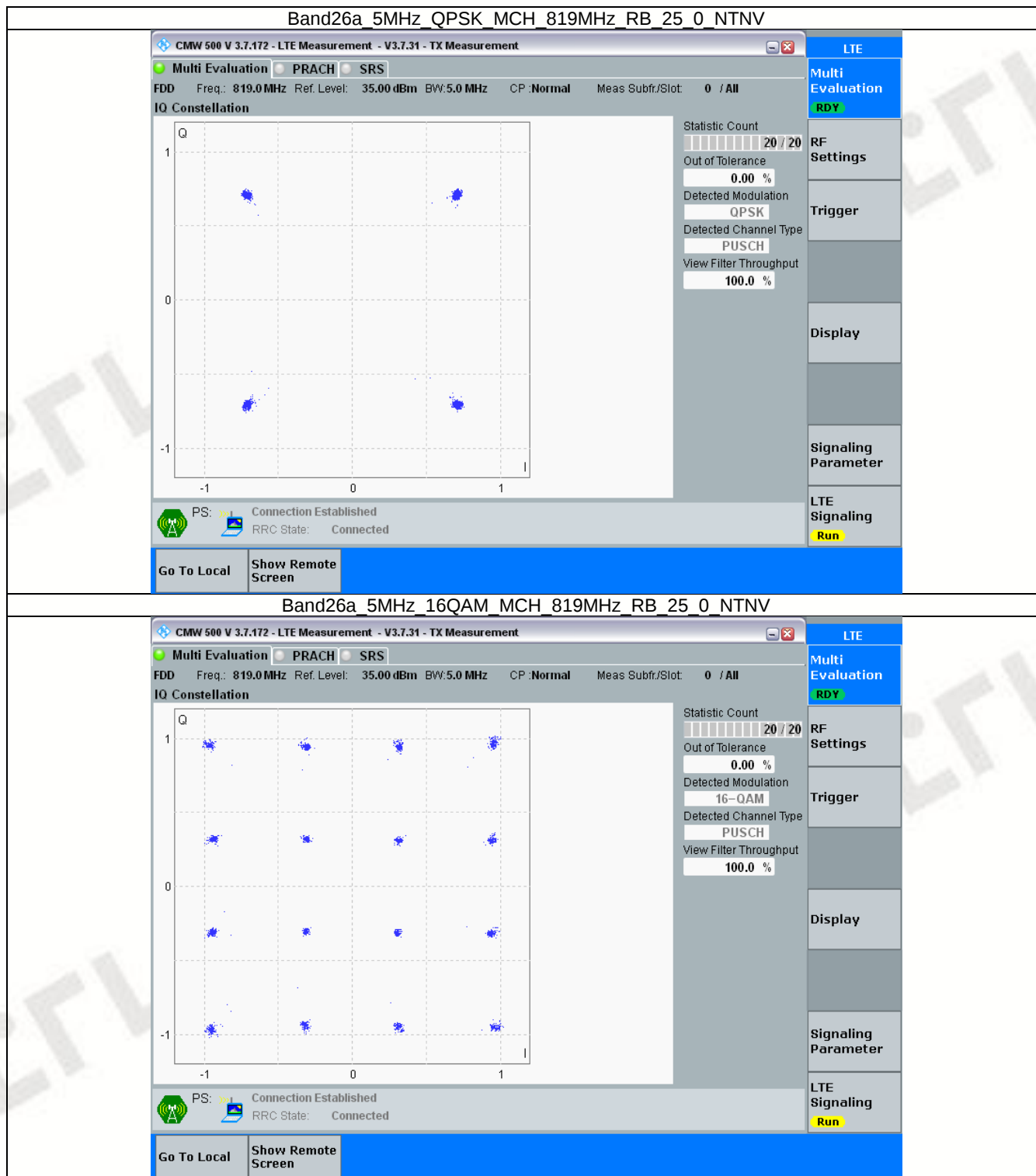
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3.2.2 B26a_3MHz



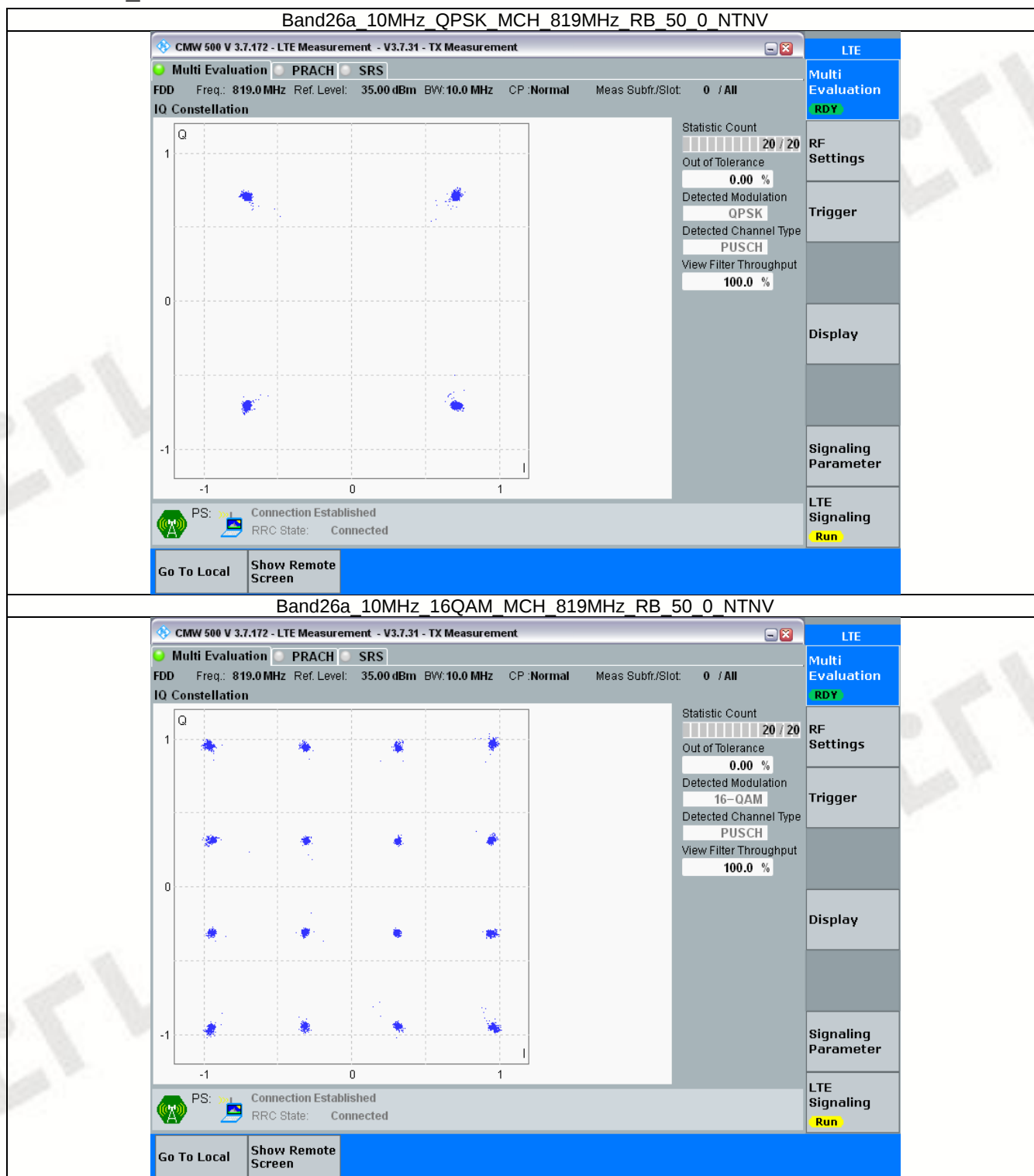
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3.2.3 B26a_5MHz



FCCID: 2BCUE-P8GLOBAL

3.2.4 B26a_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band26a_OBW

Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.117	/	Pass
		819	6	0	1.121	/	Pass
		823.3	6	0	1.113	/	Pass
	16QAM	814.7	6	0	1.117	/	Pass
		819	6	0	1.114	/	Pass
		823.3	6	0	1.115	/	Pass
3	QPSK	815.5	15	0	2.740	/	Pass
		819	15	0	2.744	/	Pass
		822.5	15	0	2.755	/	Pass
	16QAM	815.5	15	0	2.736	/	Pass
		819	15	0	2.746	/	Pass
		822.5	15	0	2.739	/	Pass
5	QPSK	816.5	25	0	4.570	/	Pass
		819	25	0	4.555	/	Pass
		821.5	25	0	4.550	/	Pass
	16QAM	816.5	25	0	4.573	/	Pass
		819	25	0	4.554	/	Pass
		821.5	25	0	4.576	/	Pass
10	QPSK	819	50	0	9.069	/	Pass
	16QAM	819	50	0	9.082	/	Pass

4.1.2 Band26a_XDB

Band: 26a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.315	/	Pass
		819	6	0	1.346	/	Pass
		823.3	6	0	1.317	/	Pass
	16QAM	814.7	6	0	1.298	/	Pass
		819	6	0	1.332	/	Pass
		823.3	6	0	1.323	/	Pass
3	QPSK	815.5	15	0	3.065	/	Pass
		819	15	0	3.050	/	Pass
		822.5	15	0	3.057	/	Pass
	16QAM	815.5	15	0	3.038	/	Pass
		819	15	0	3.022	/	Pass
		822.5	15	0	3.061	/	Pass
5	QPSK	816.5	25	0	5.116	/	Pass
		819	25	0	5.075	/	Pass
		821.5	25	0	5.098	/	Pass
	16QAM	816.5	25	0	5.054	/	Pass
		819	25	0	5.051	/	Pass
		821.5	25	0	5.101	/	Pass

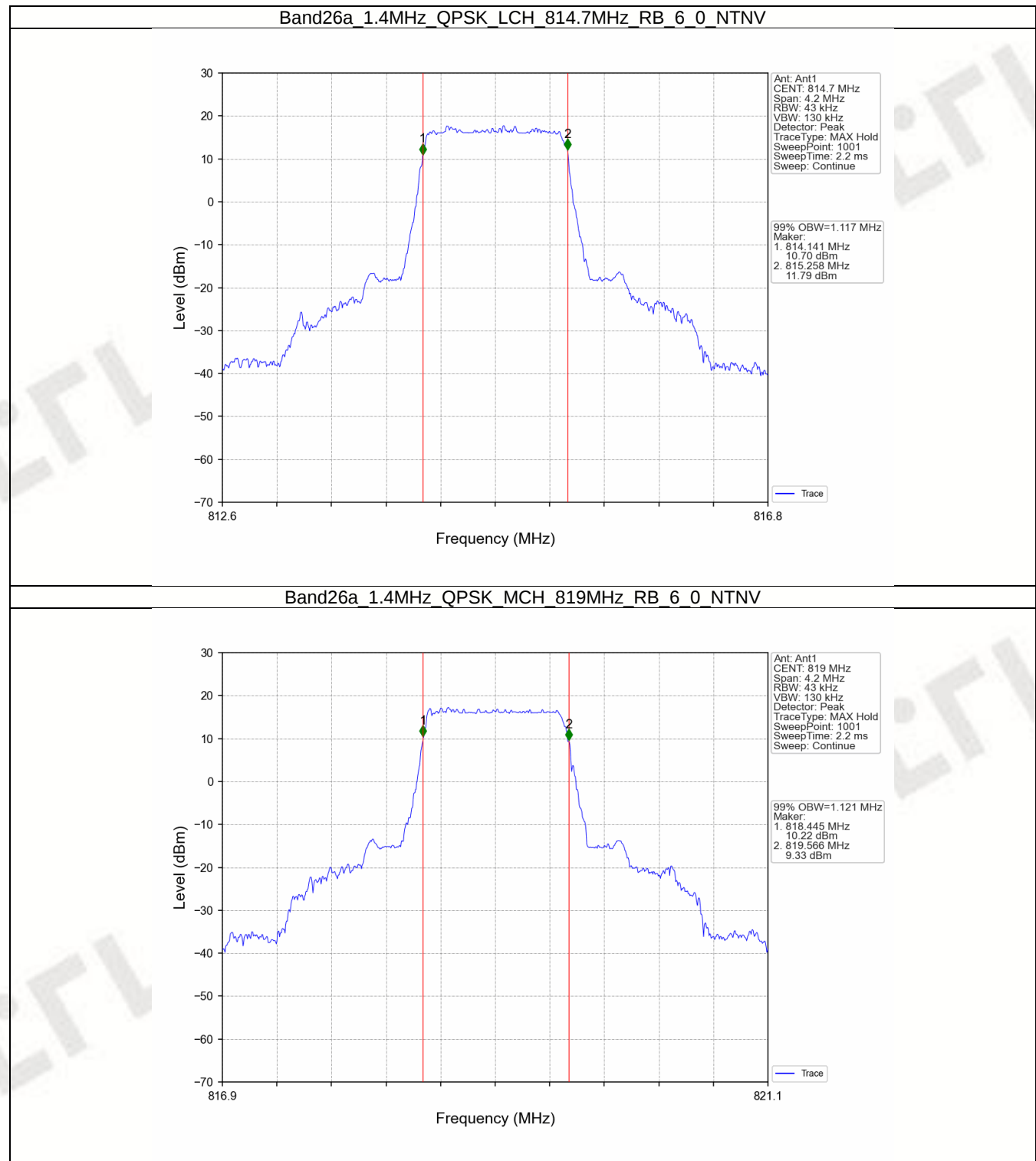
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10	QPSK	819	50	0	10.016	/	Pass
	16QAM	819	50	0	10.072	/	Pass

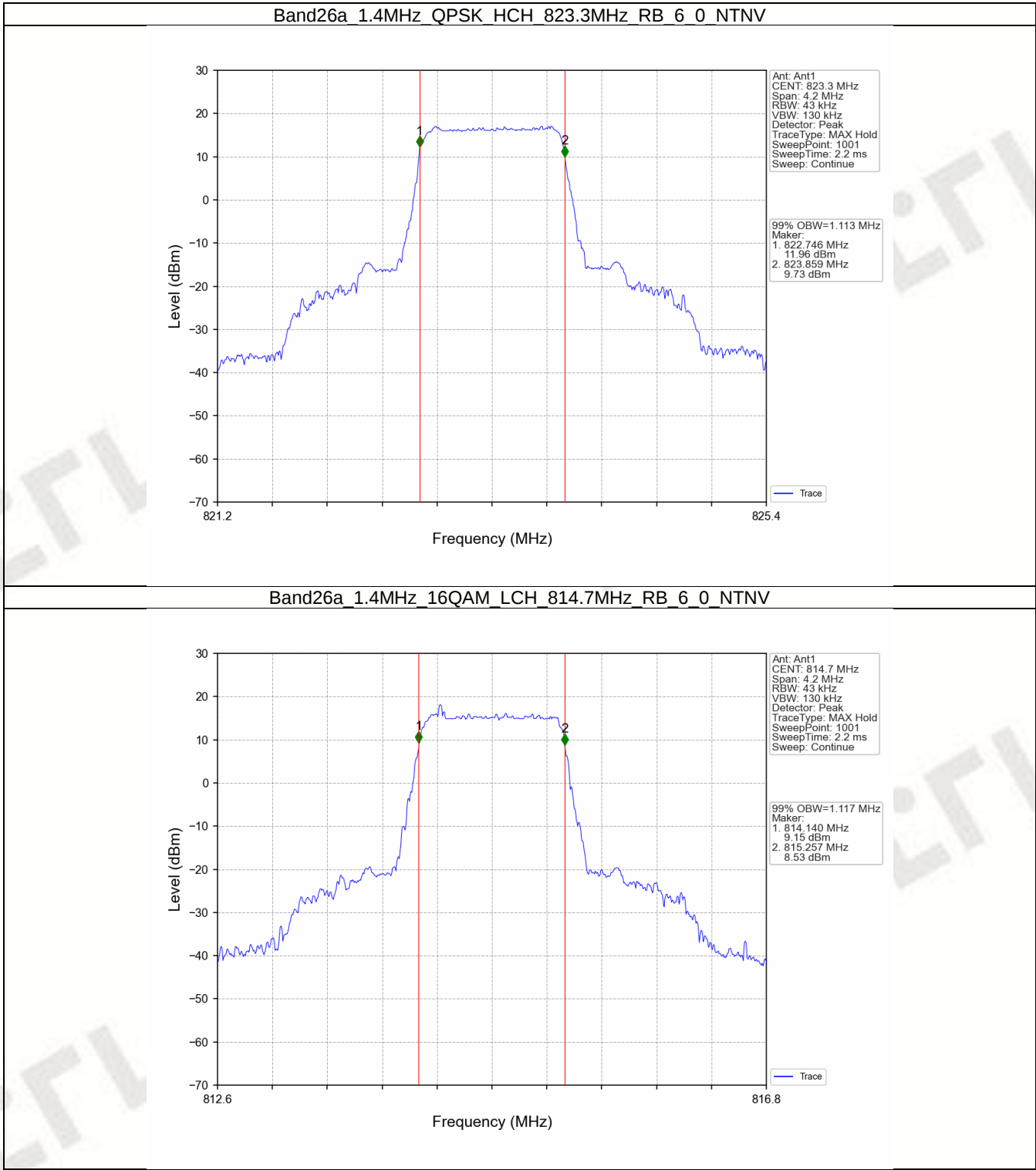
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4.2 Test Graph

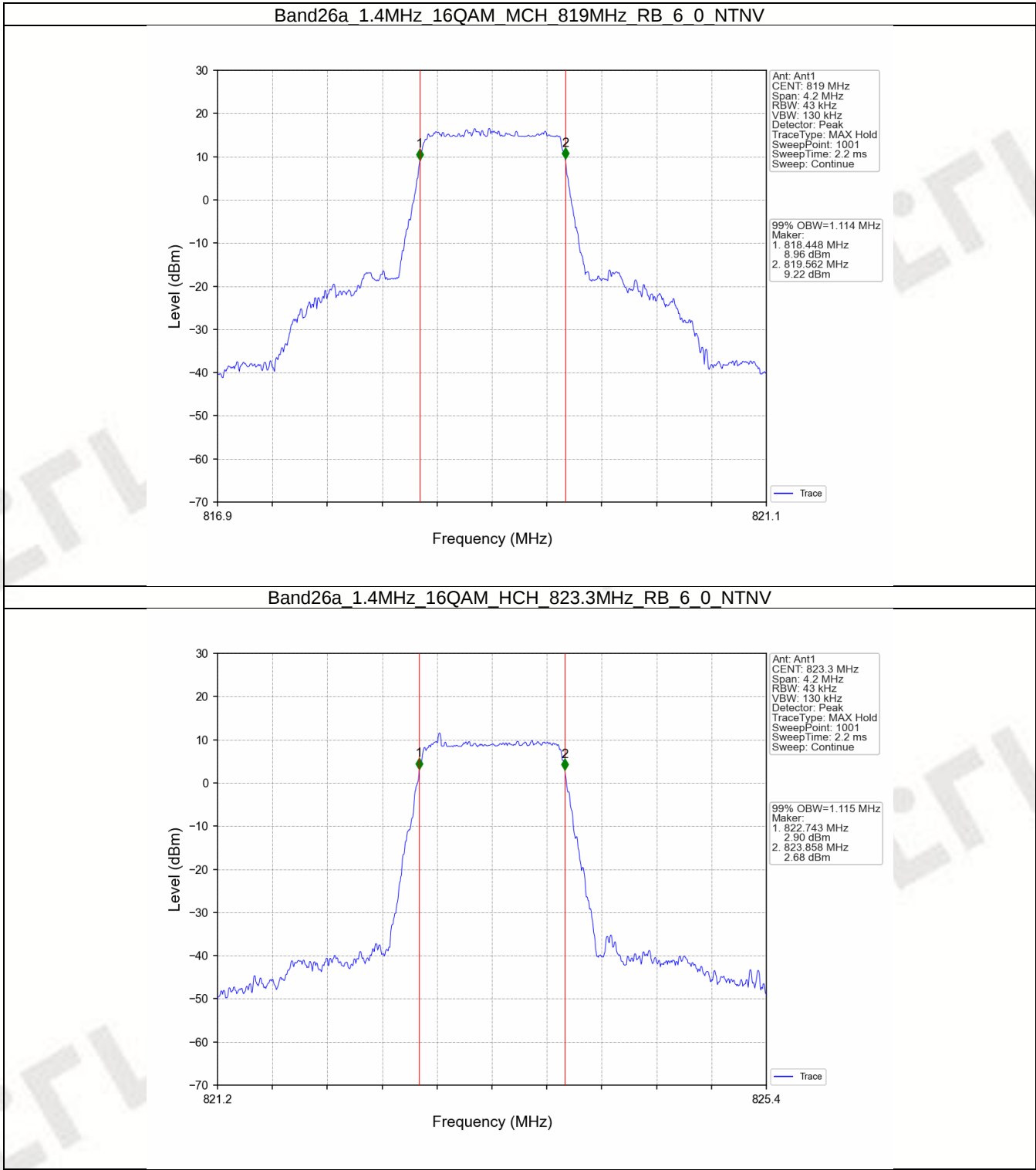
4.2.1 Band26a_OBW



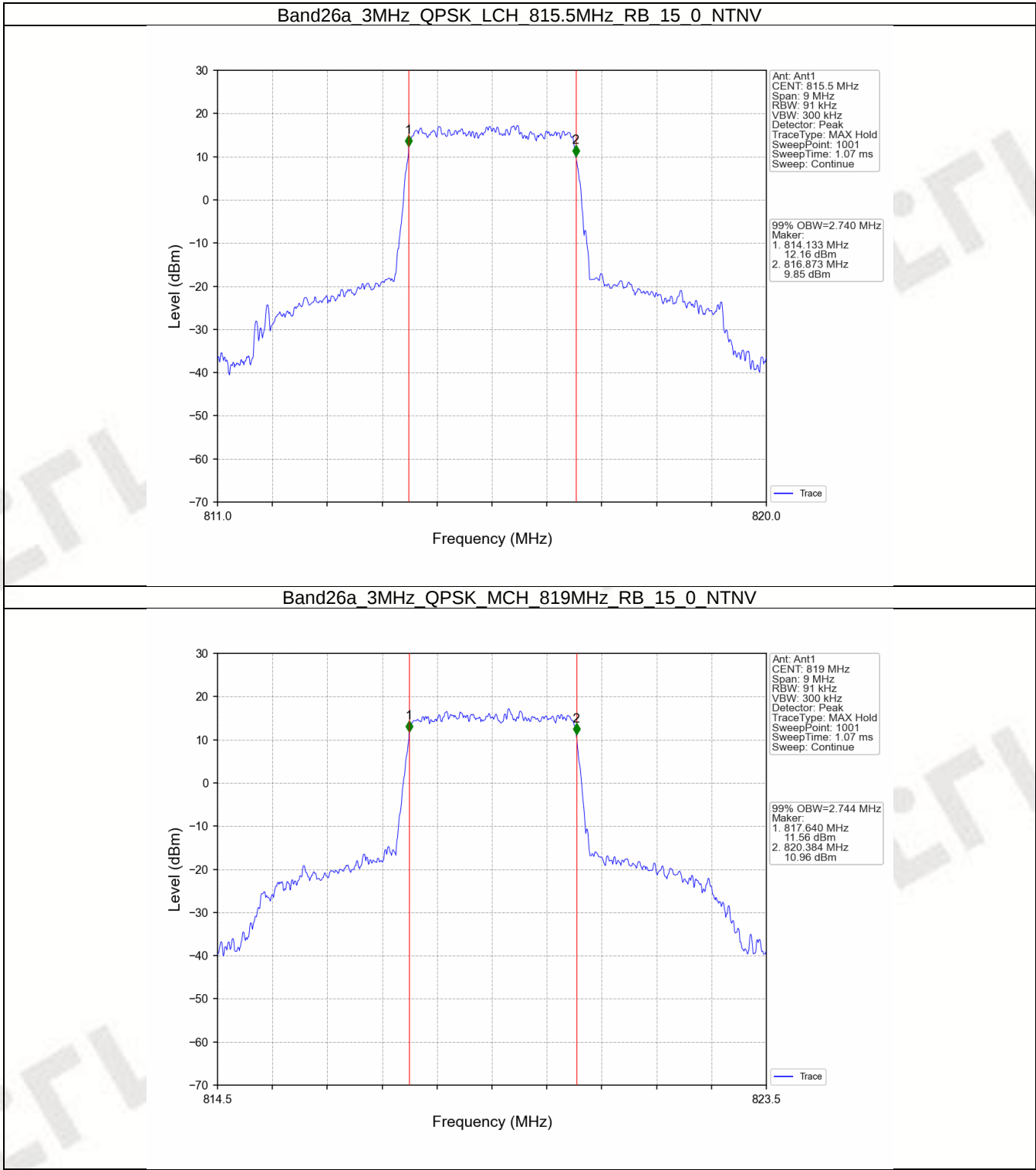
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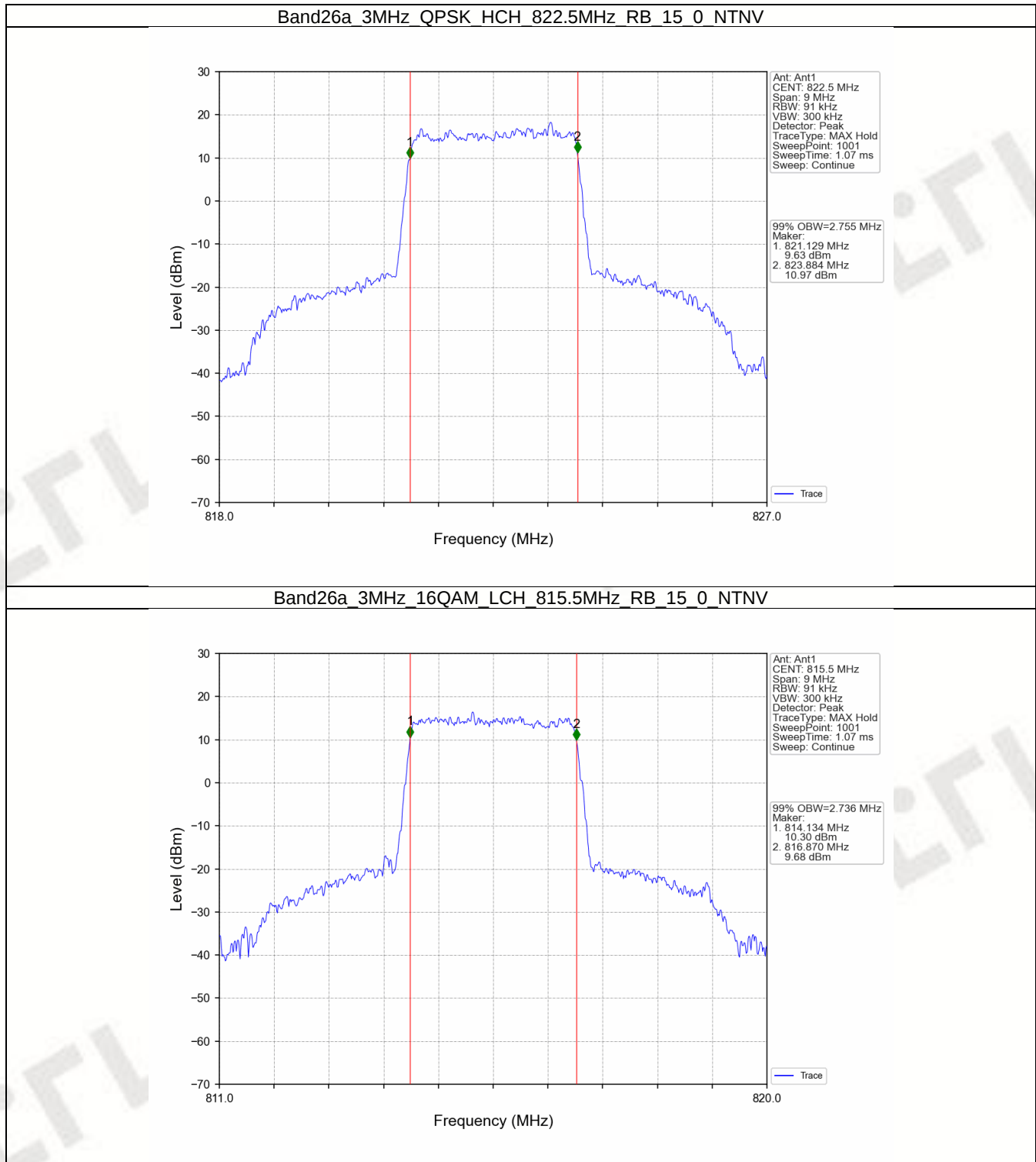
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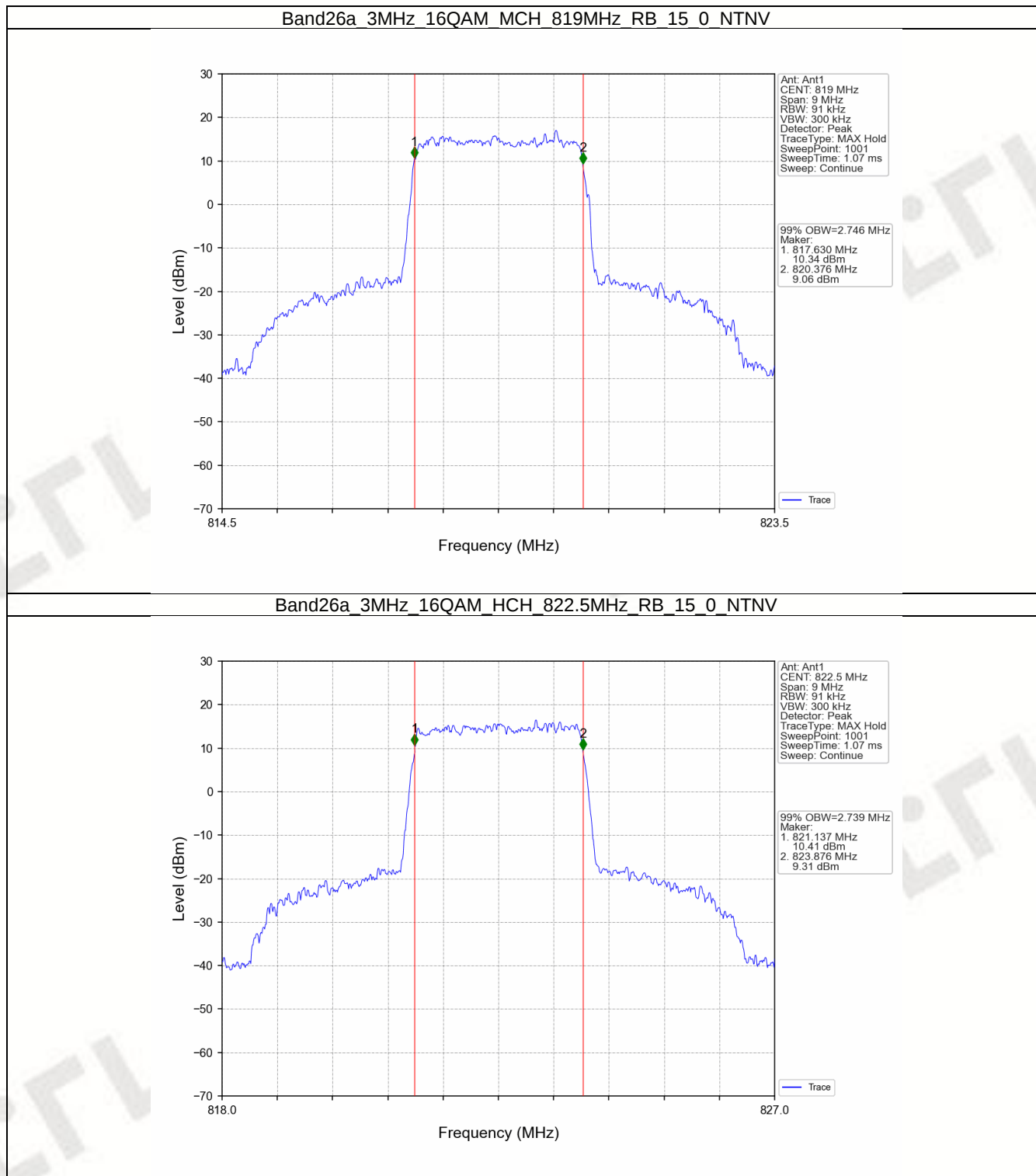
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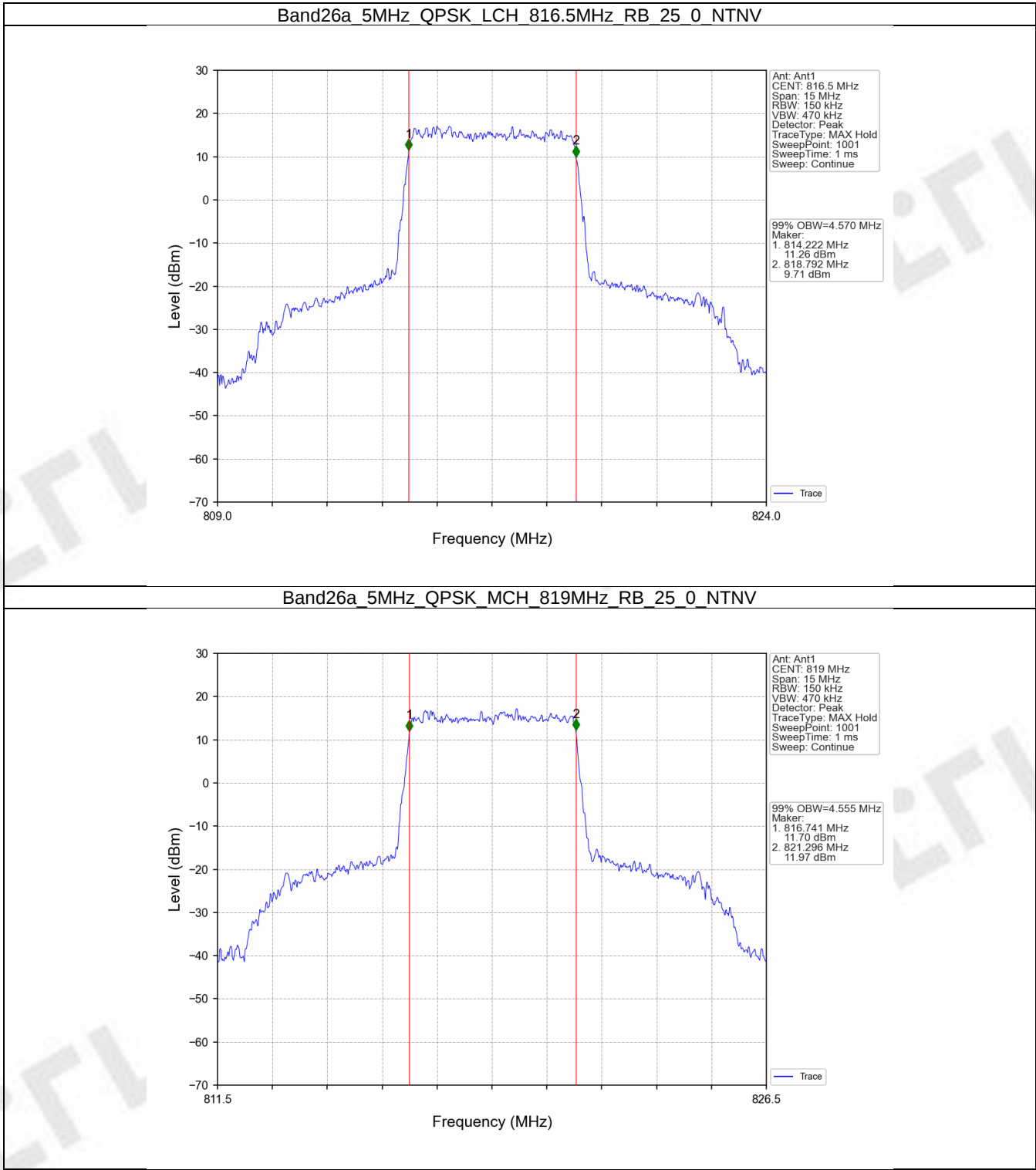
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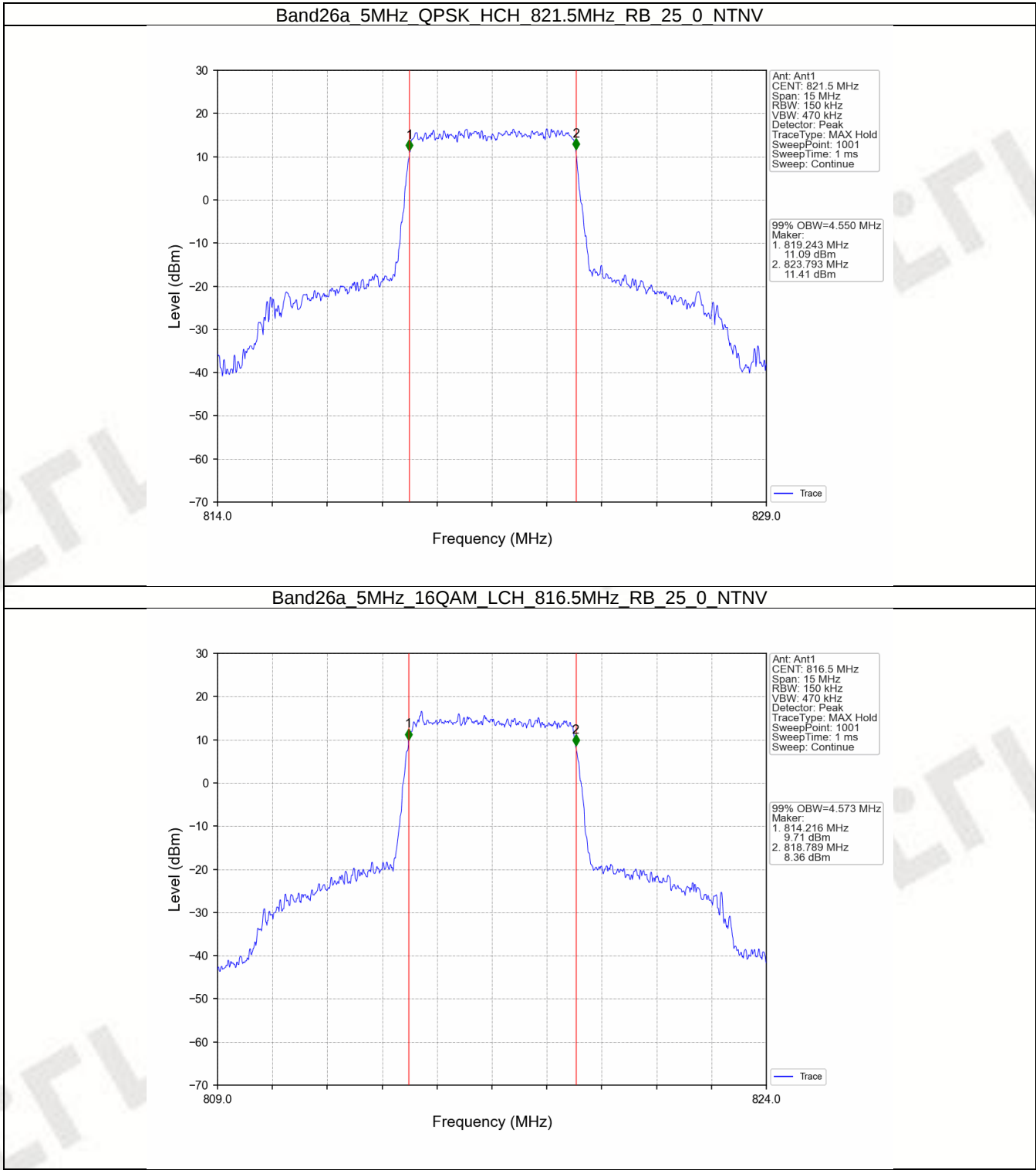
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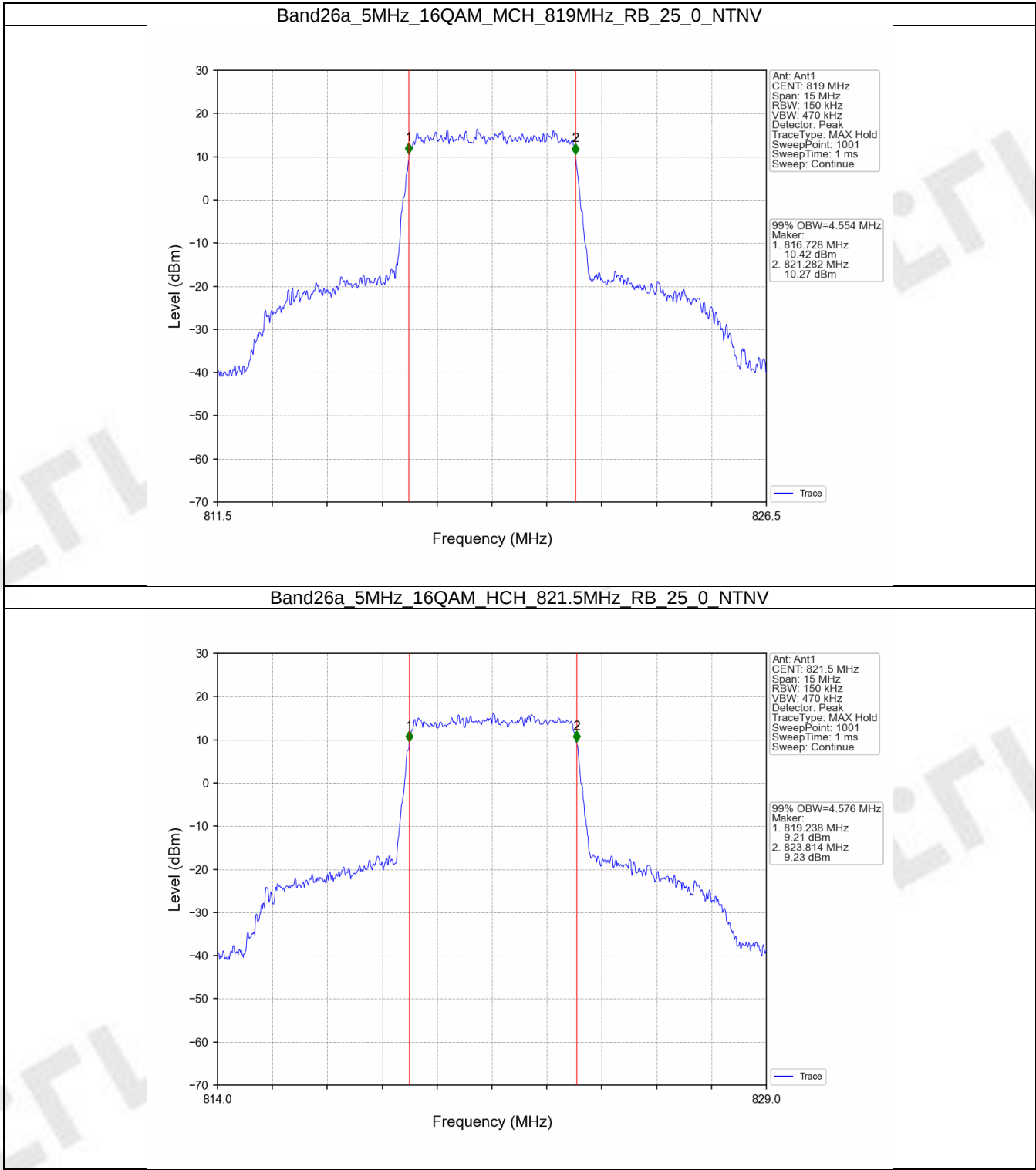
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FCCID: 2BCUE-P8GLOBAL

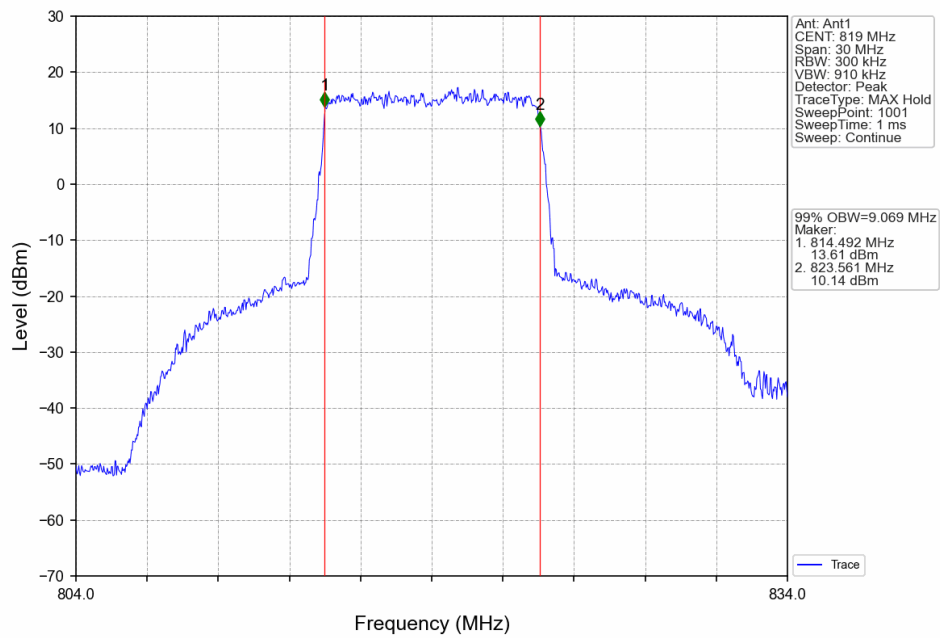


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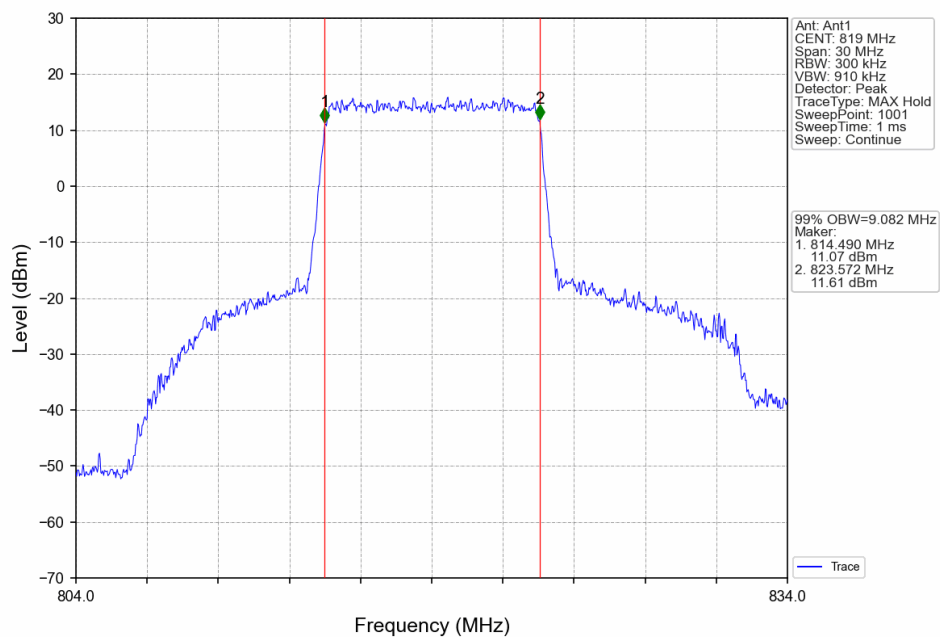


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Band26a 10MHz QPSK MCH 819MHz RB 50 0 NTV

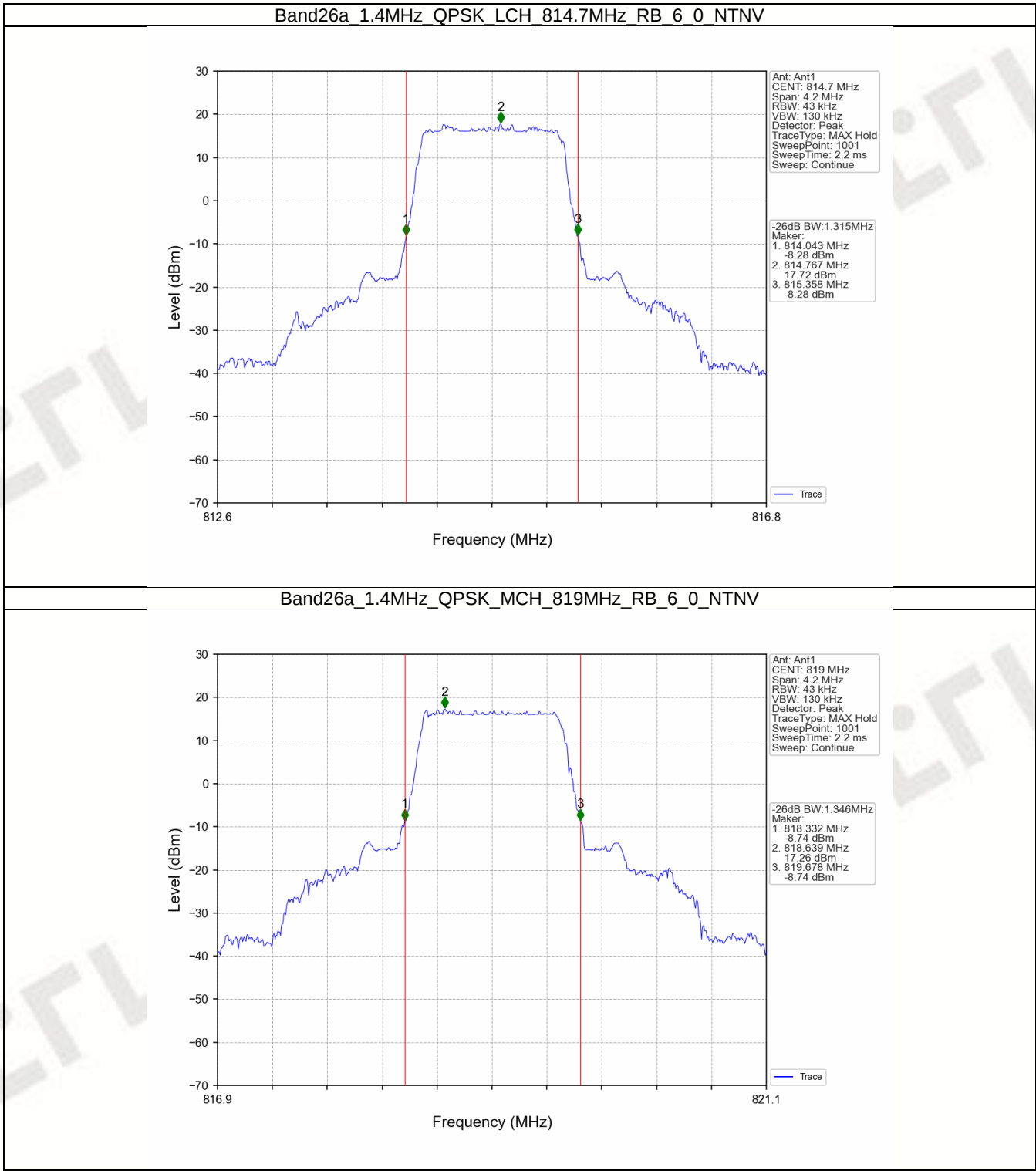


Band26a 10MHz 16QAM MCH 819MHz RB 50 0 NTV

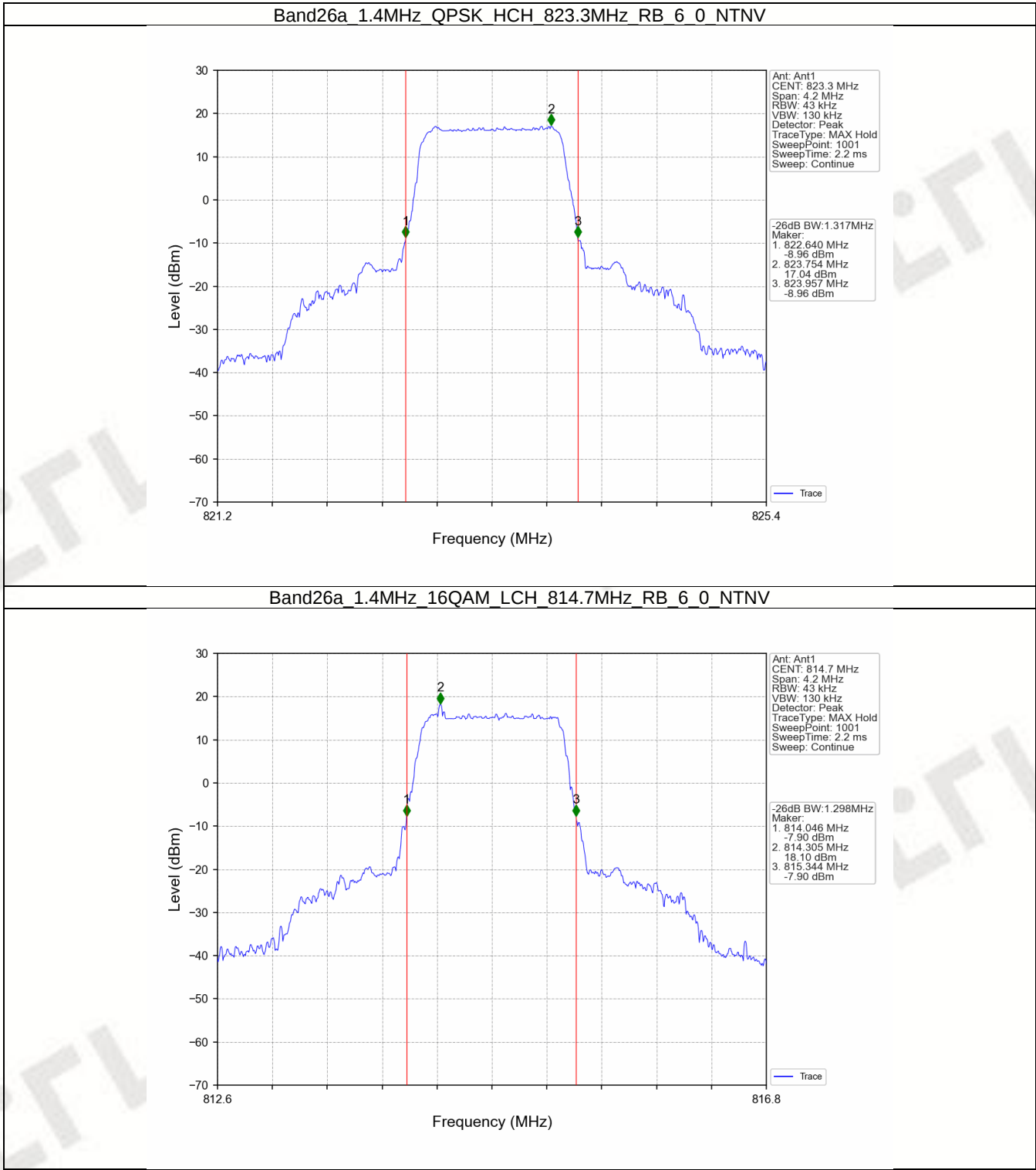


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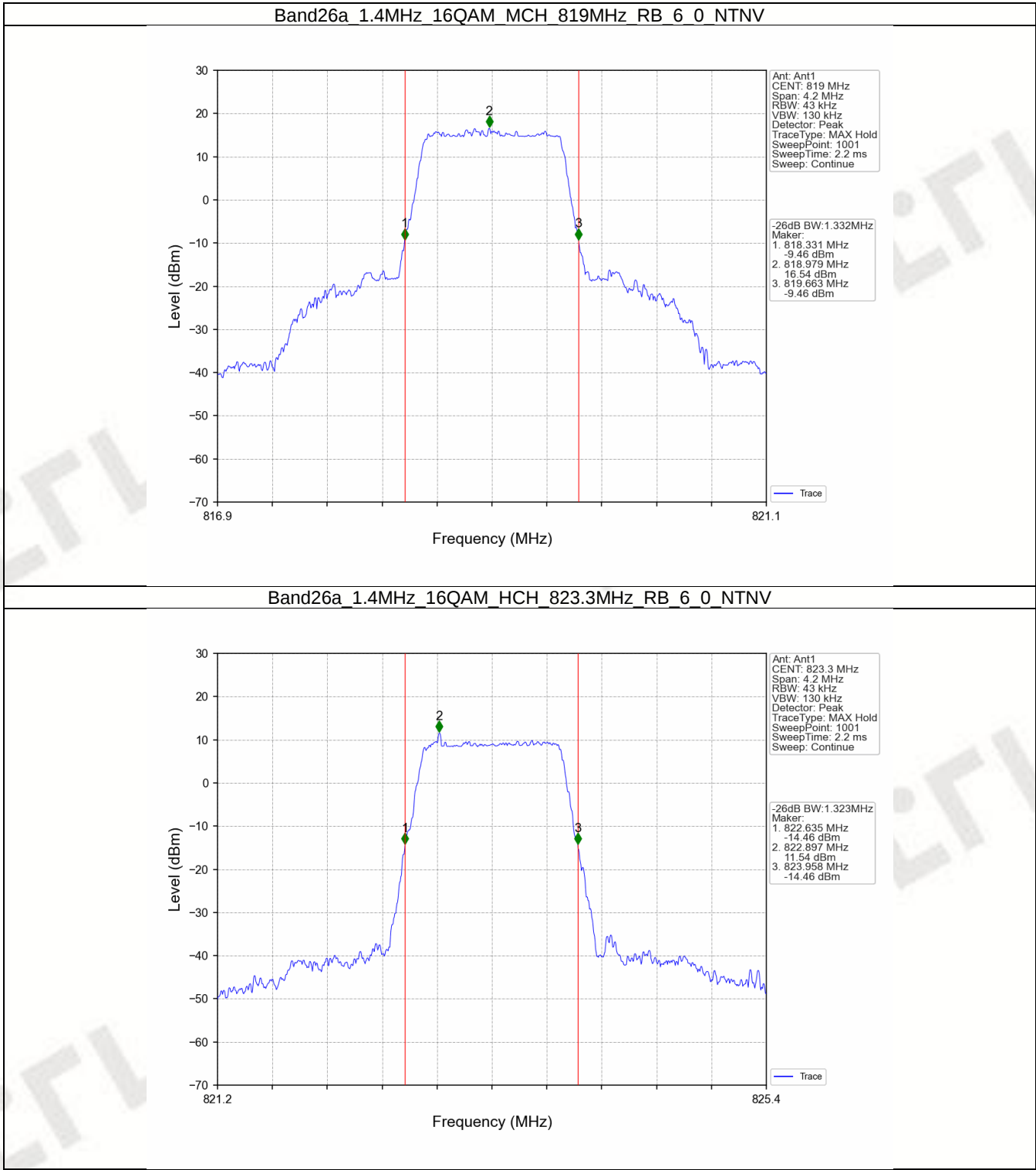
4.2.2 Band26a_XDB



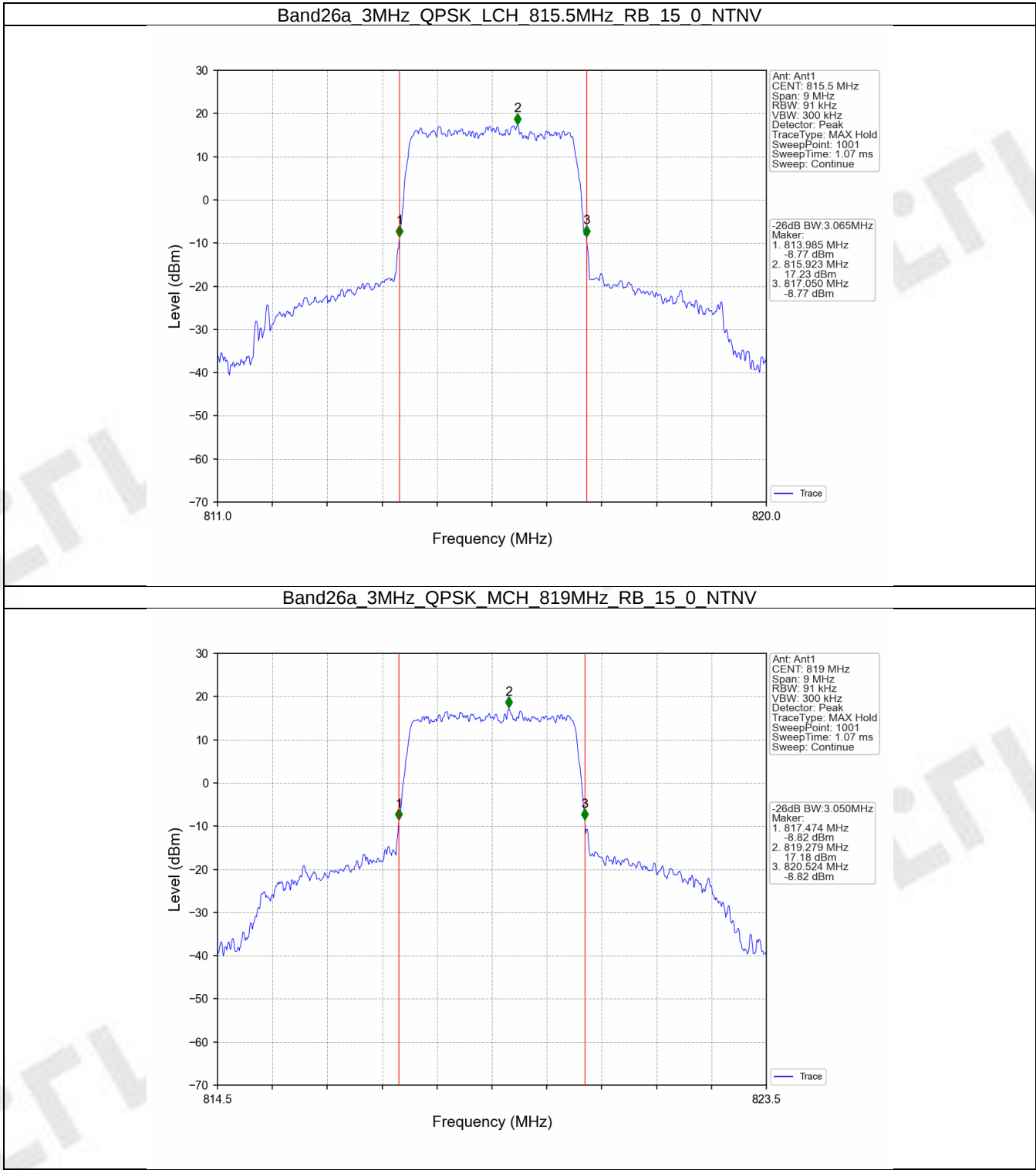
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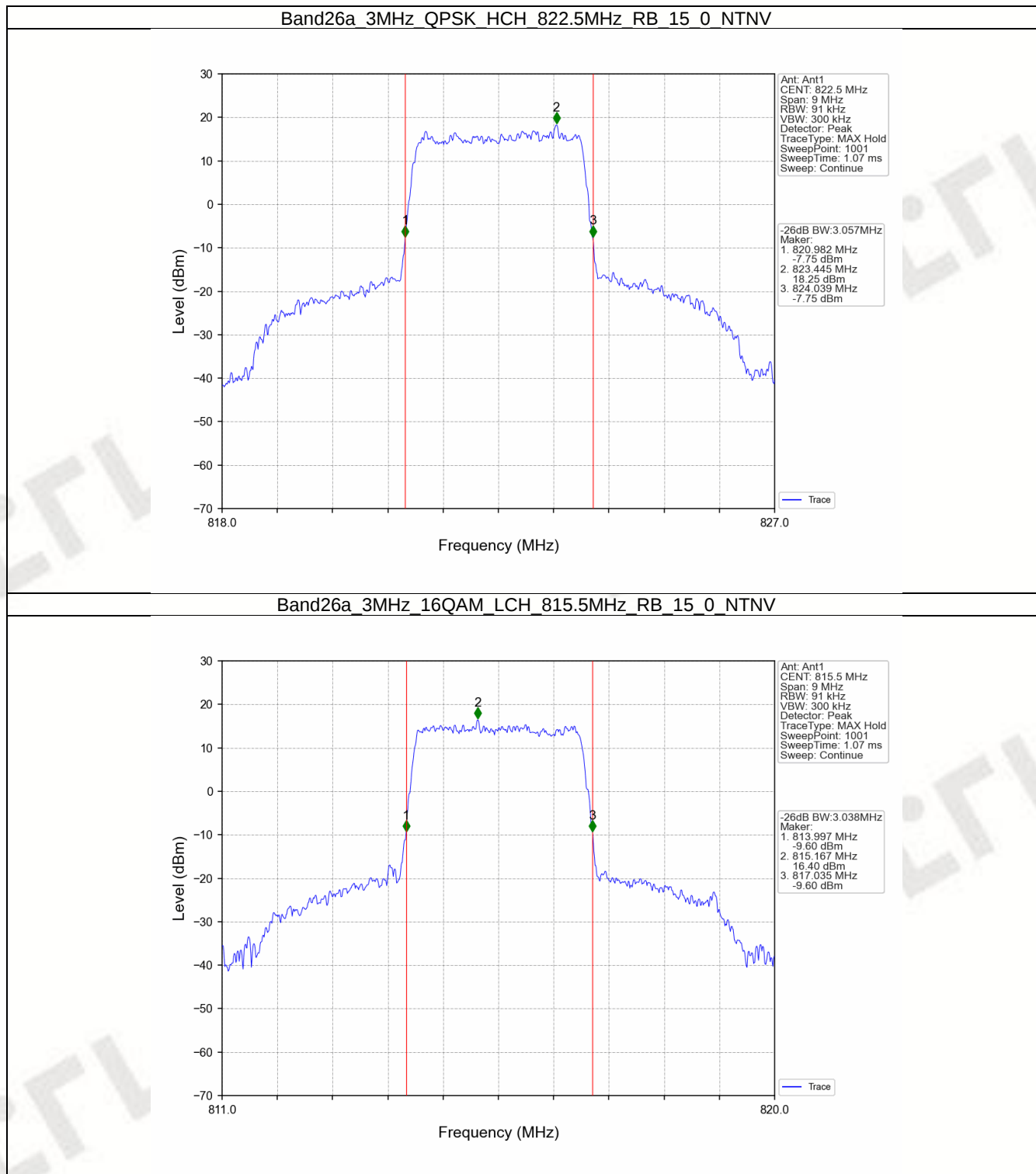
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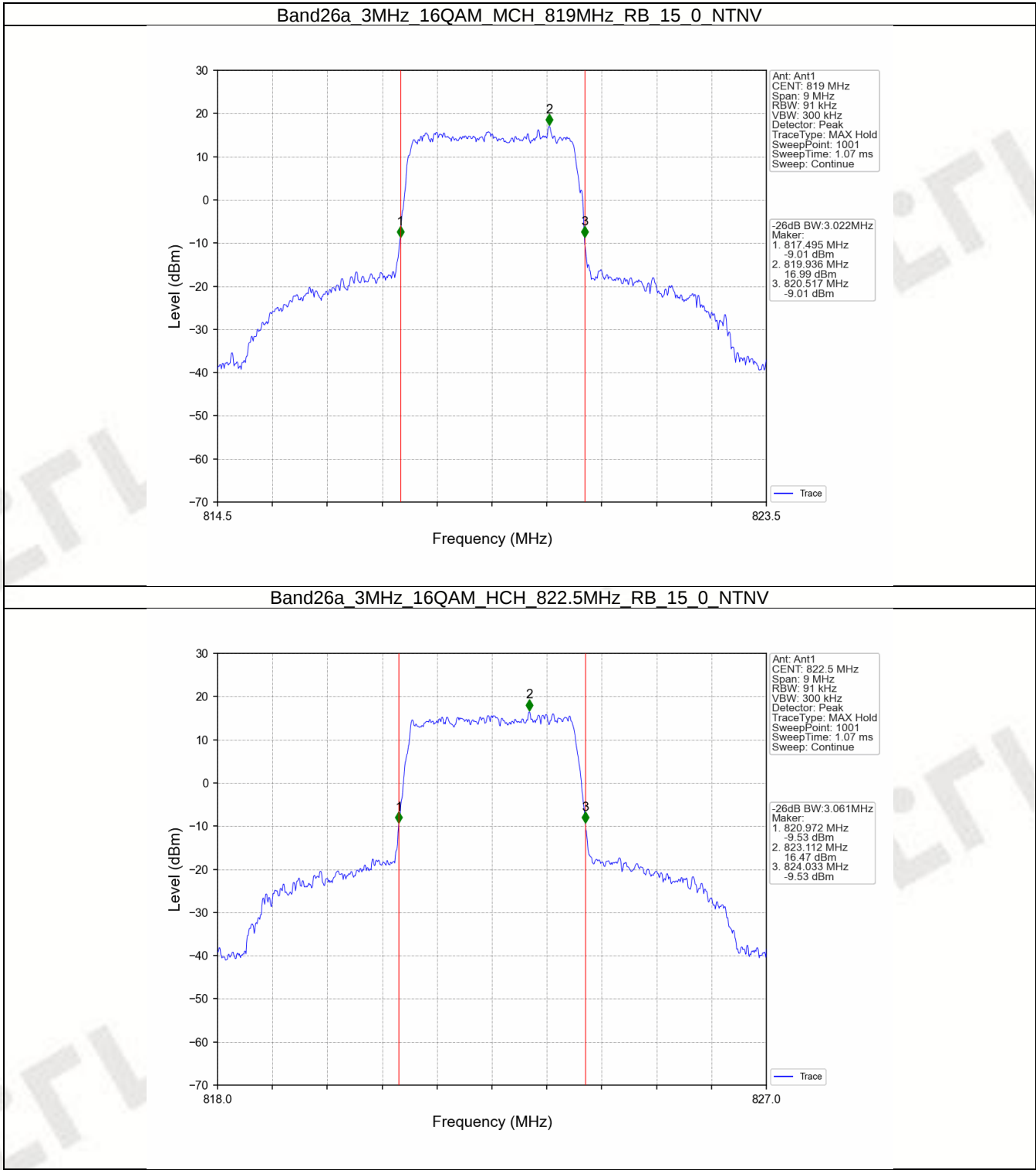
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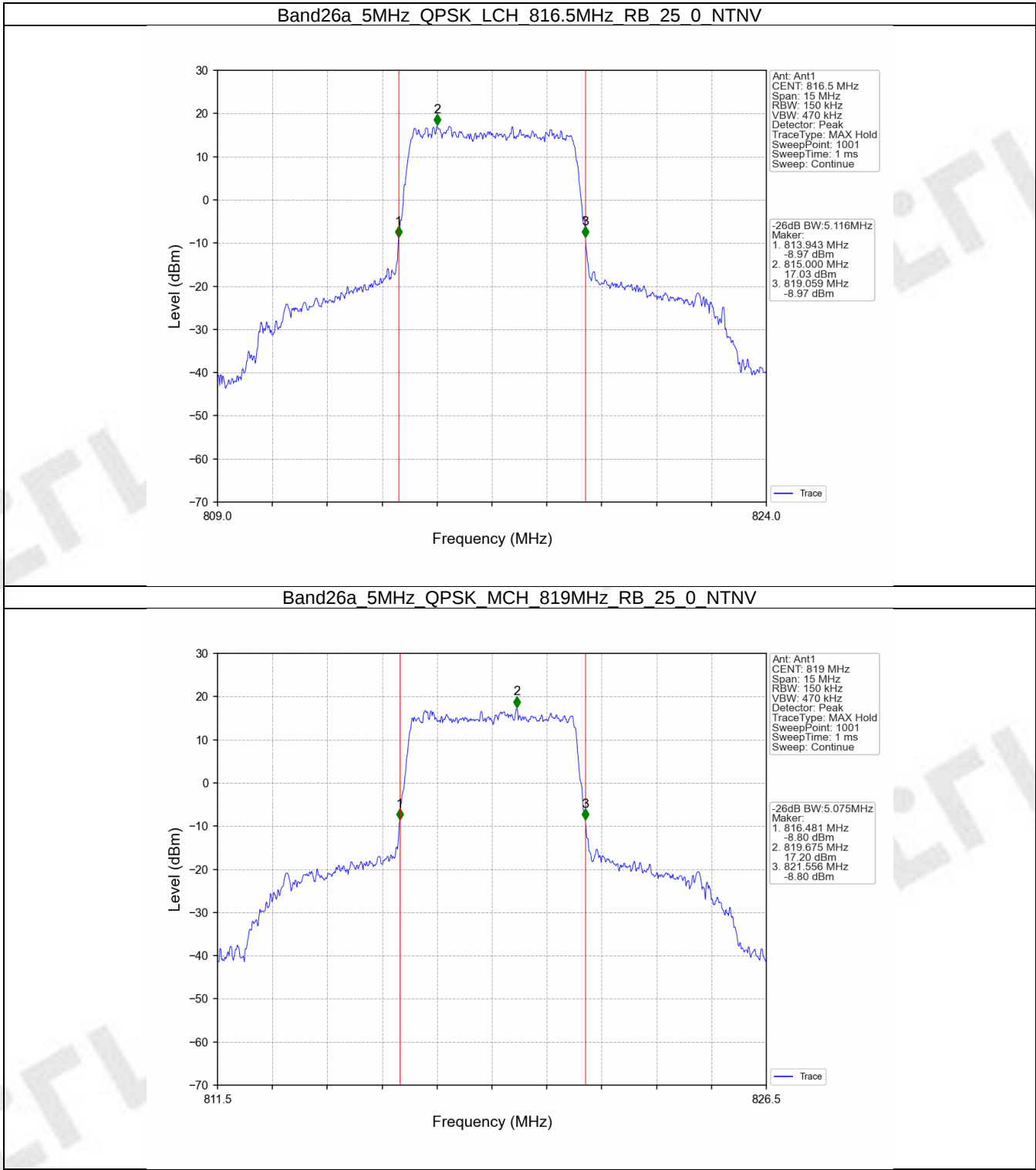
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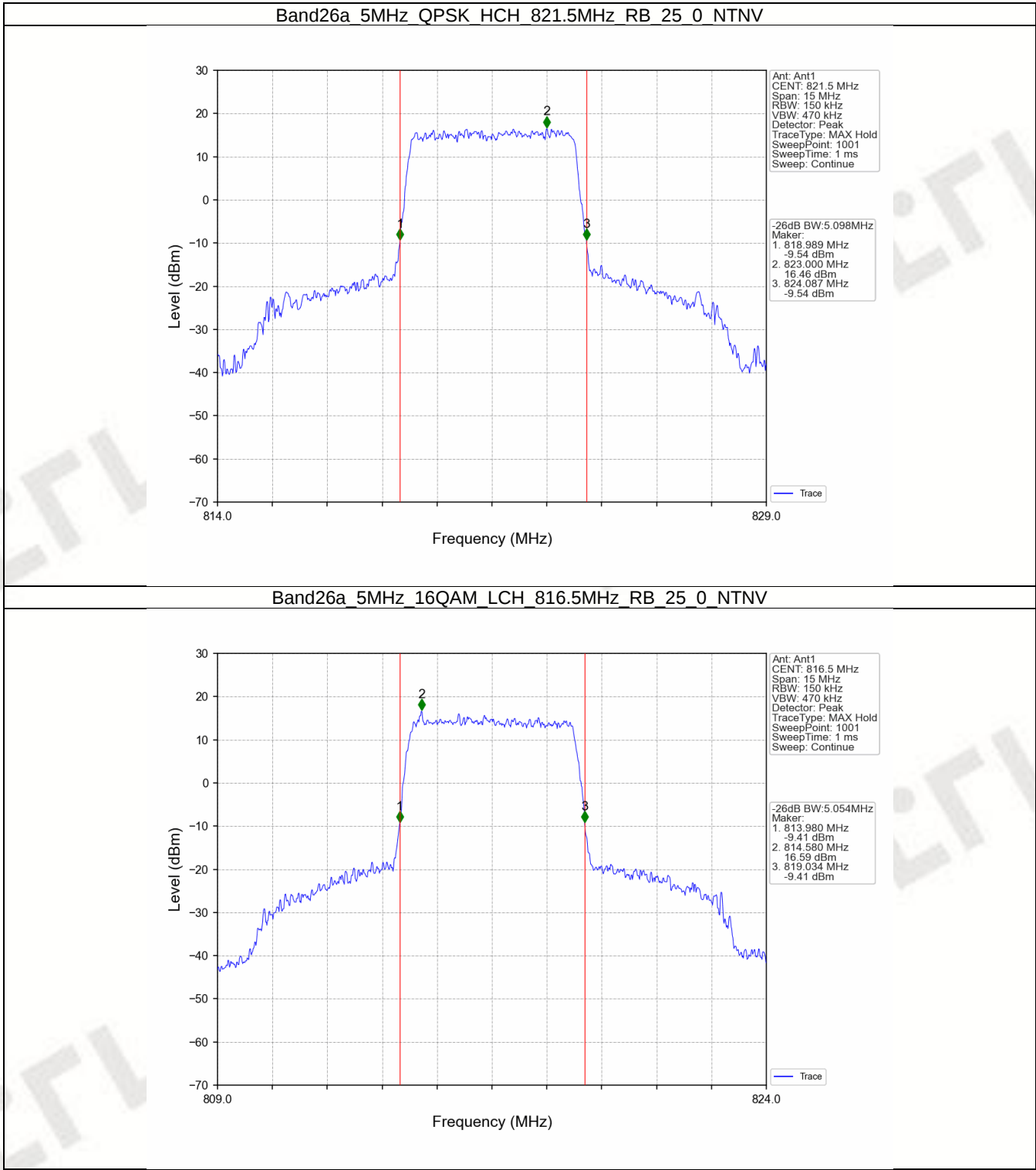
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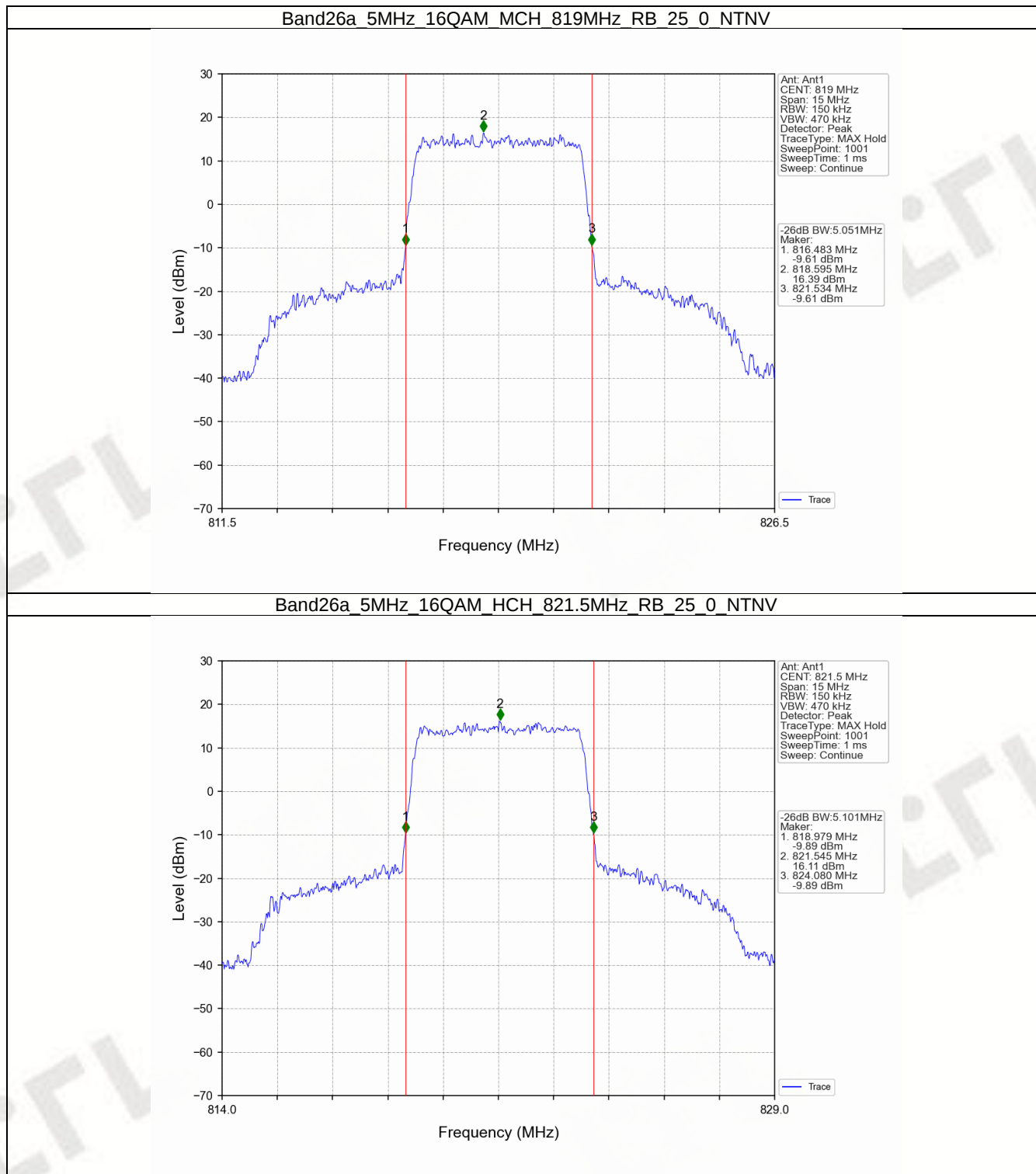
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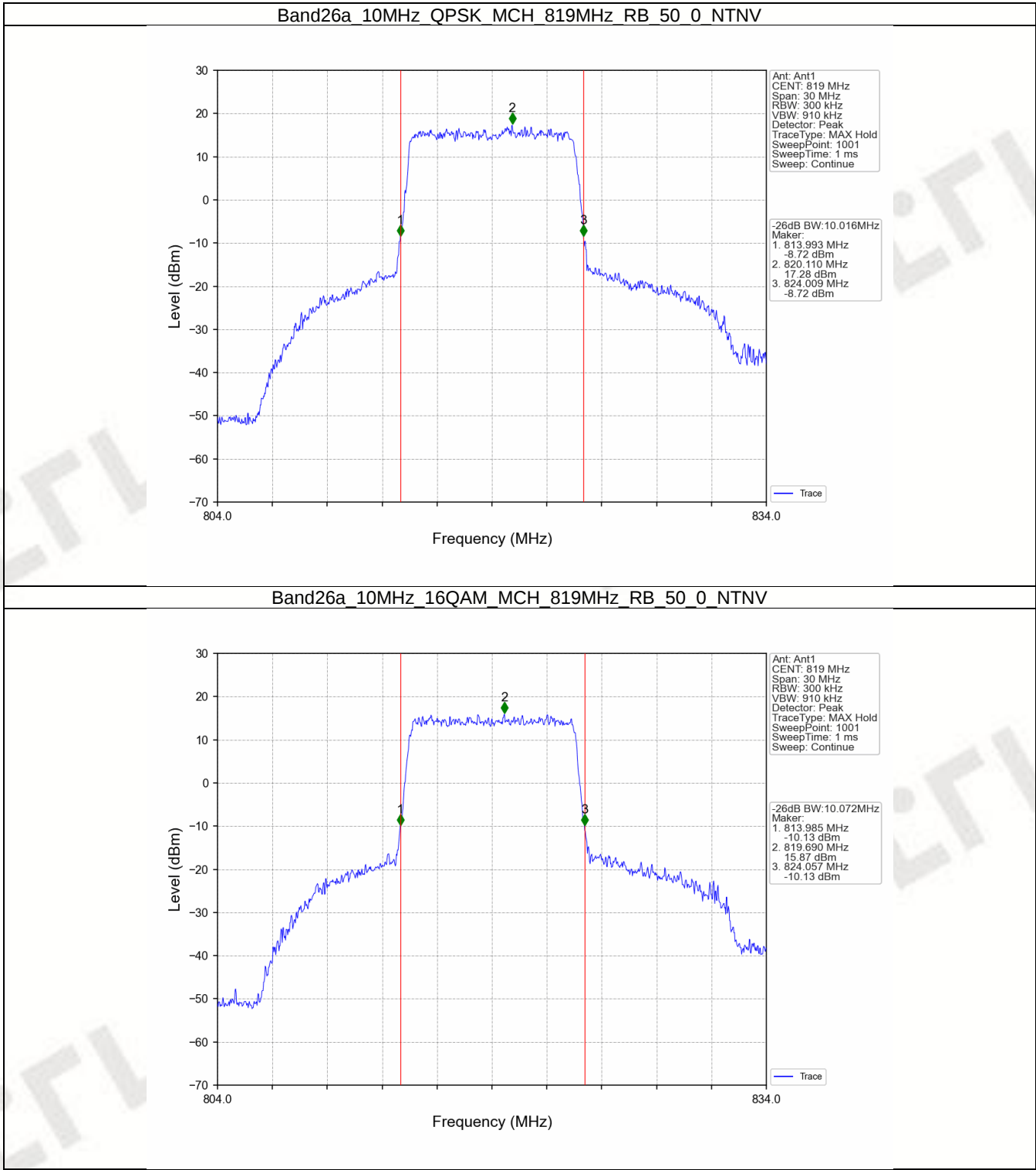
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FCCID: 2BCUE-P8GLOBAL



FCCID: 2BCUE-P8GLOBAL



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	814.7	6	0	5.62	<=13	Pass
	819	6	0	5.85	<=13	Pass
	823.3	6	0	5.78	<=13	Pass
16QAM	814.7	6	0	6.52	<=13	Pass
	819	6	0	6.69	<=13	Pass
	823.3	6	0	6.75	<=13	Pass

5.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	815.5	15	0	5.69	<=13	Pass
	819	15	0	5.84	<=13	Pass
	822.5	15	0	5.81	<=13	Pass
16QAM	815.5	15	0	6.58	<=13	Pass
	819	15	0	6.72	<=13	Pass
	822.5	15	0	6.70	<=13	Pass

5.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	816.5	25	0	5.60	<=13	Pass
	819	25	0	5.62	<=13	Pass
	821.5	25	0	5.63	<=13	Pass
16QAM	816.5	25	0	6.41	<=13	Pass
	819	25	0	6.48	<=13	Pass
	821.5	25	0	6.45	<=13	Pass

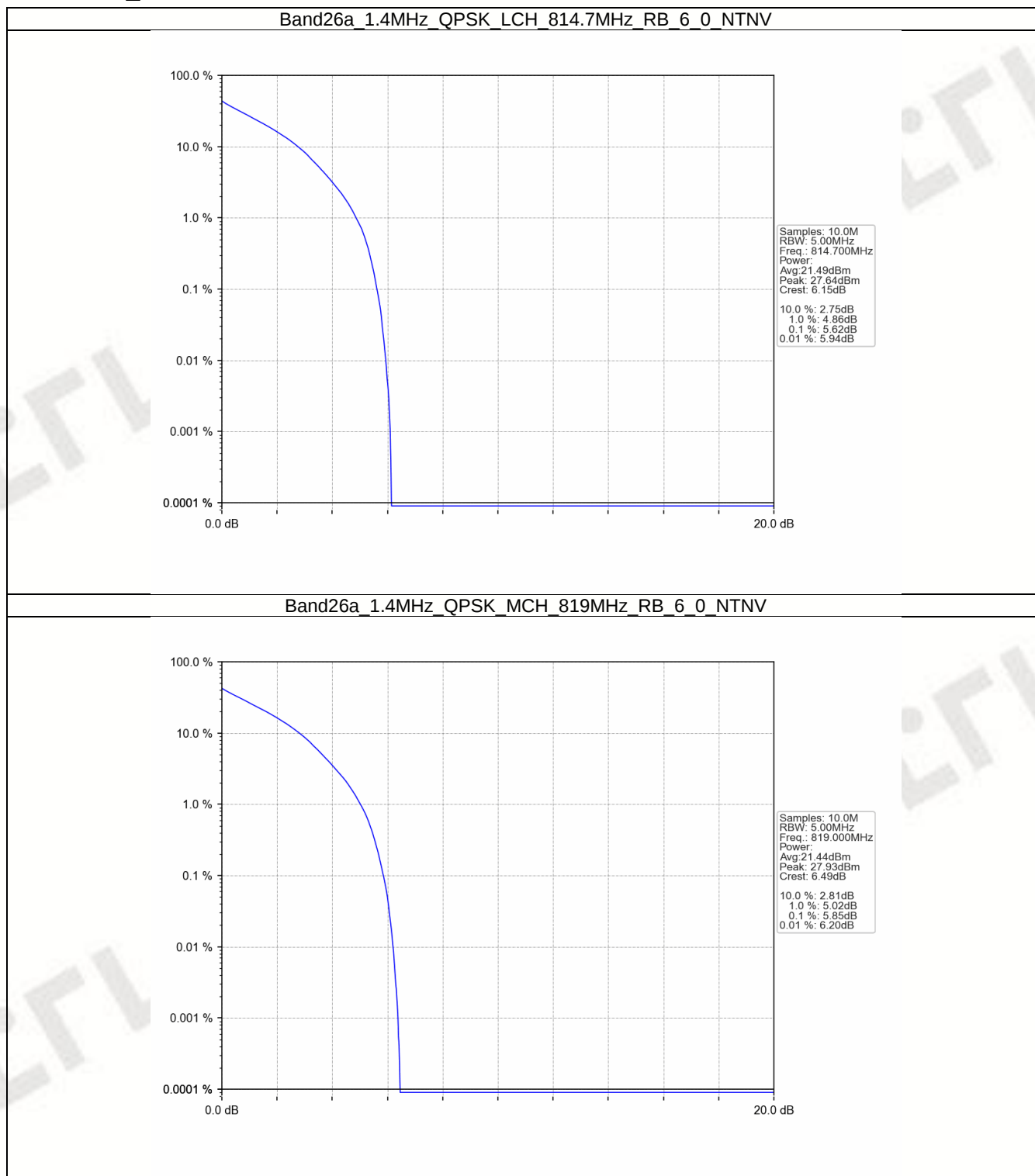
5.1.4 B26a_10MHz

Band: 26a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	819	50	0	5.65	<=13	Pass
16QAM	819	50	0	6.46	<=13	Pass

FCCID: 2BCUE-P8GLOBAL

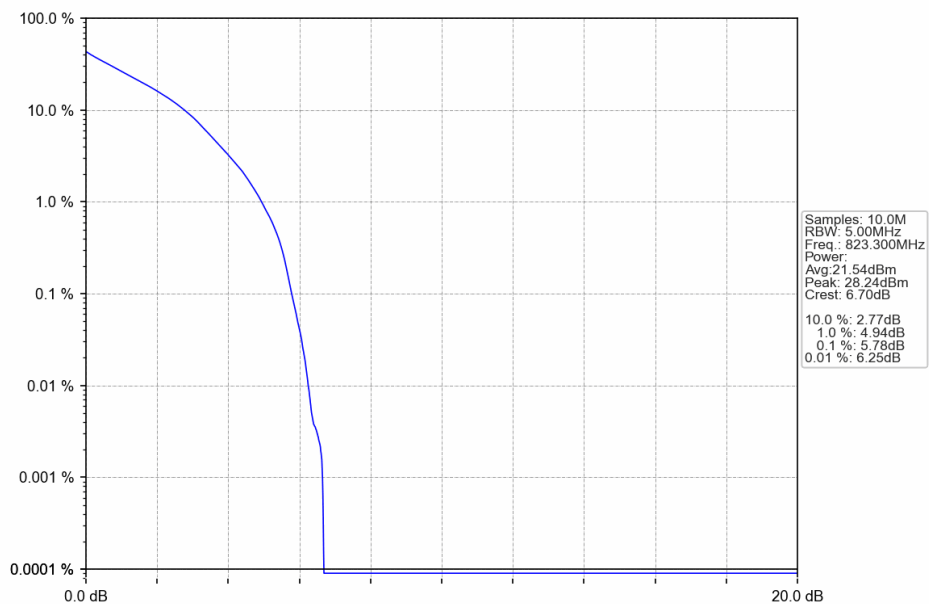
5.2 Test Graph

5.2.1 B26a_1.4MHz

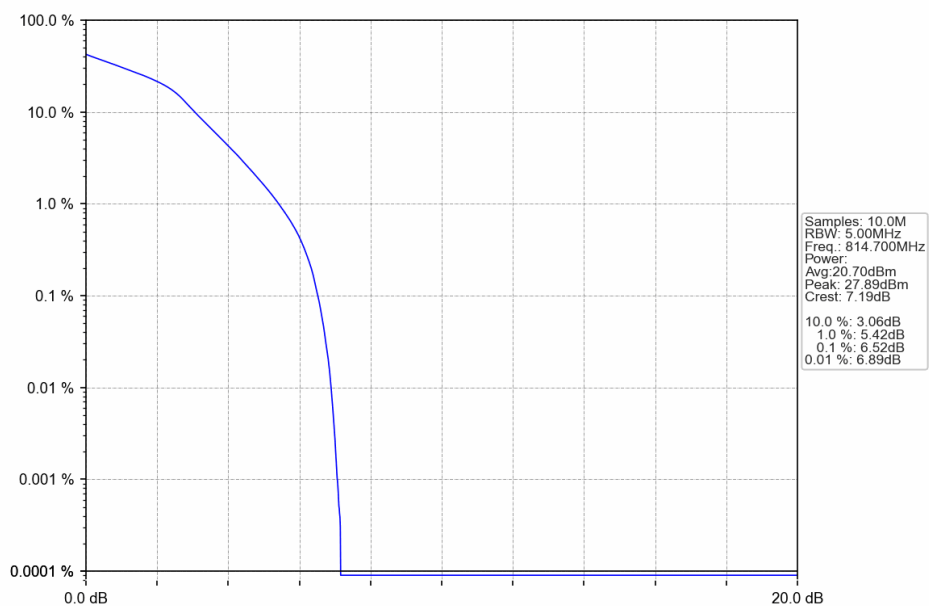


FCCID: 2BCUE-P8GLOBAL

Band26a 1.4MHz QPSK HCH 823.3MHz RB 6 0 NTNV

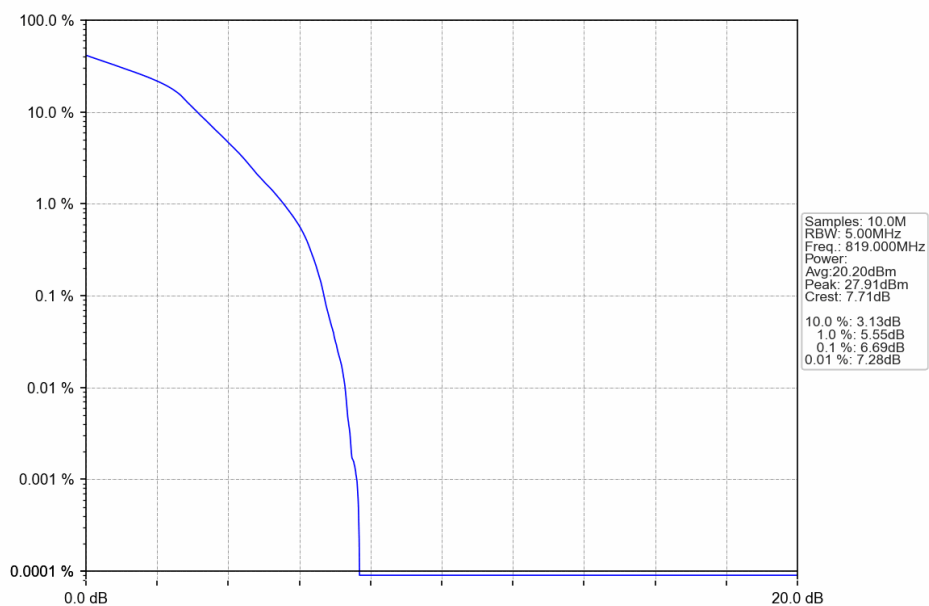


Band26a 1.4MHz 16QAM LCH 814.7MHz RB 6 0 NTNV

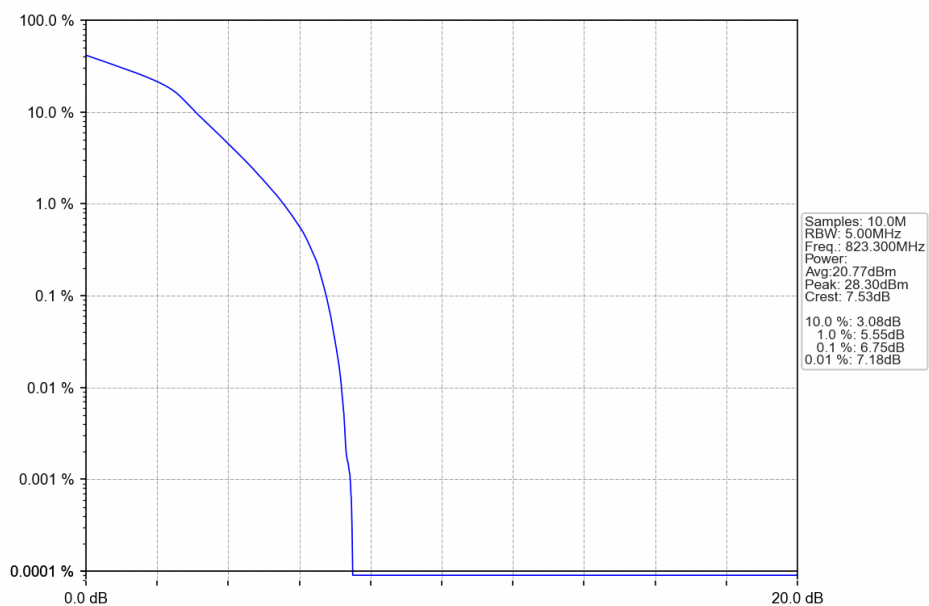


FCCID: 2BCUE-P8GLOBAL

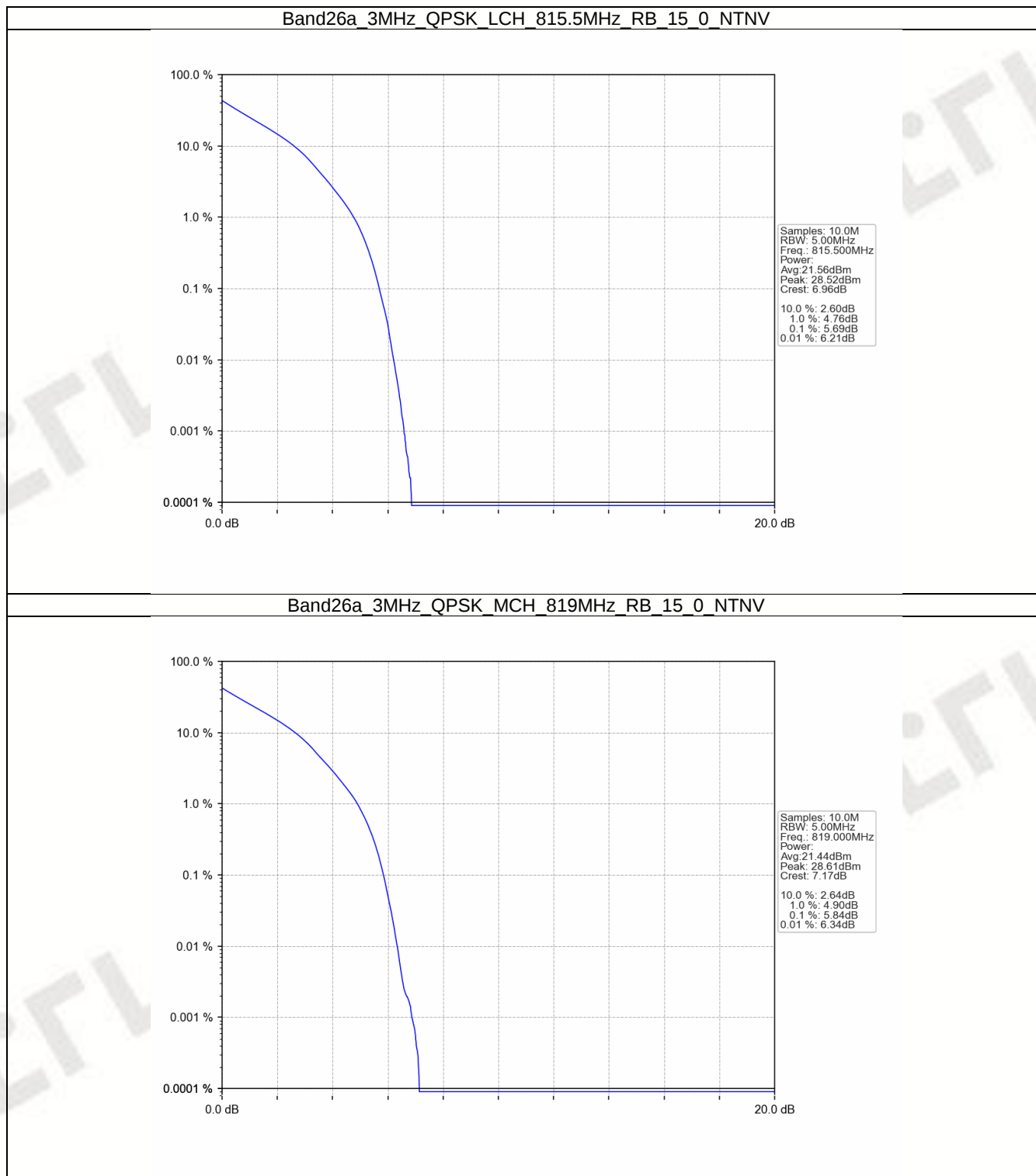
Band26a 1.4MHz 16QAM MCH 819MHz RB 6 0 NTNV



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

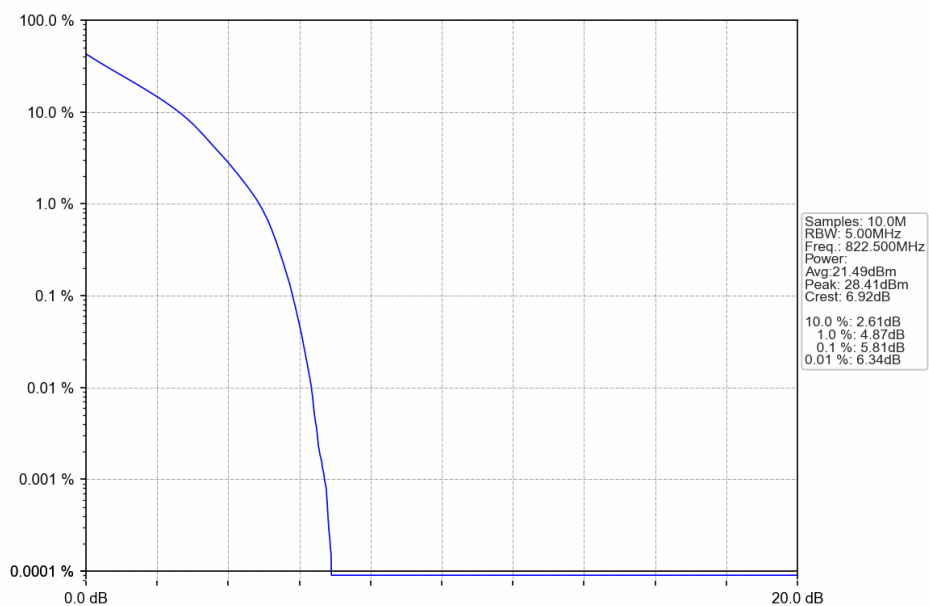


FCCID: 2BCUE-P8GLOBAL

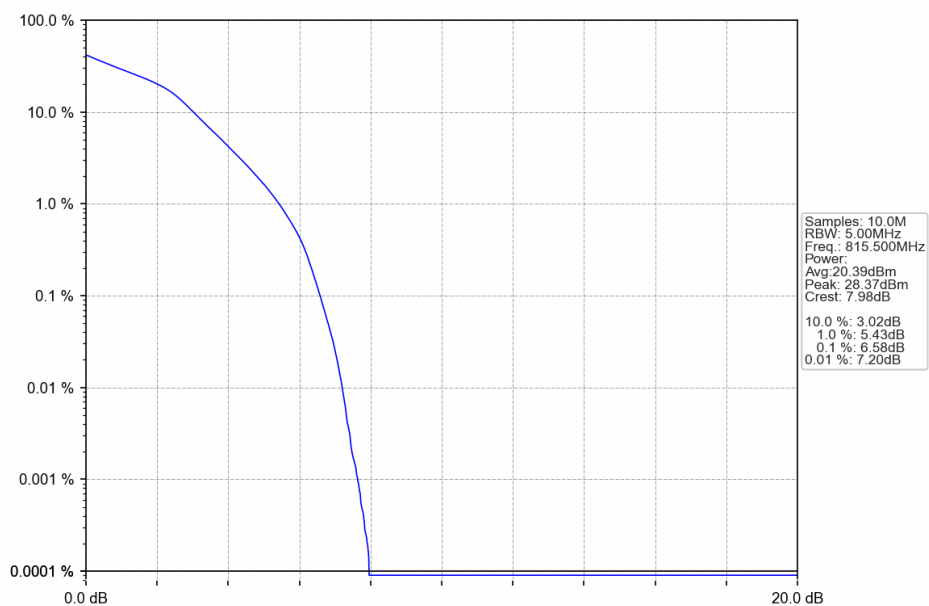
5.2.2 B26a_3MHz

FCCID: 2BCUE-P8GLOBAL

Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV

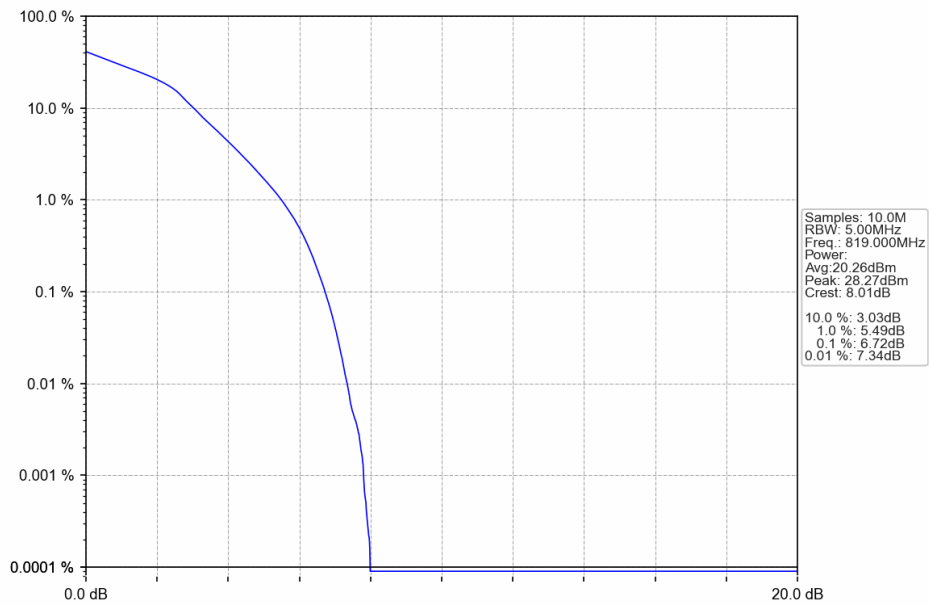


Band26a 3MHz 16QAM LCH 815.5MHz RB 15 0 NTNV

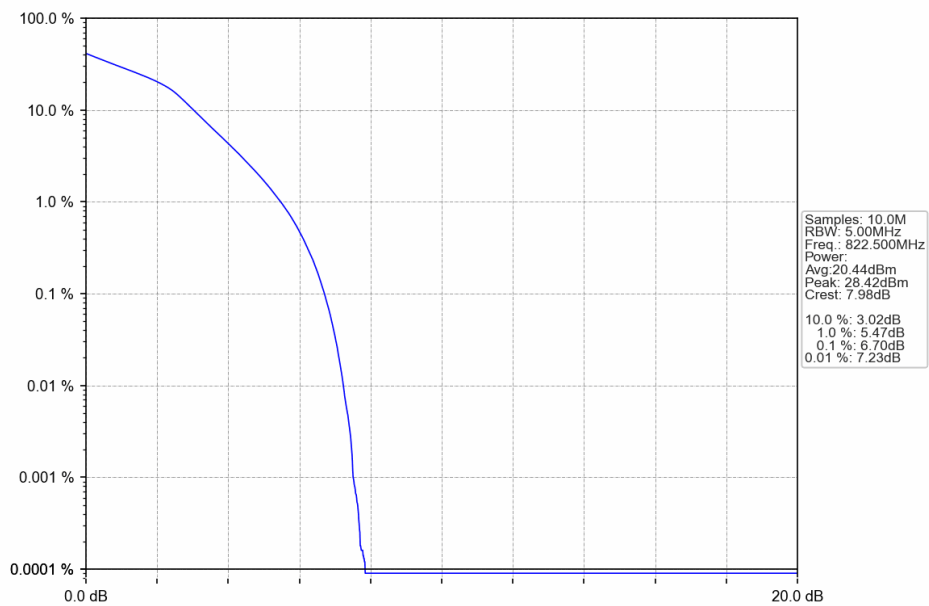


FCCID: 2BCUE-P8GLOBAL

Band26a 3MHz 16QAM MCH 819MHz RB 15 0 NTNV

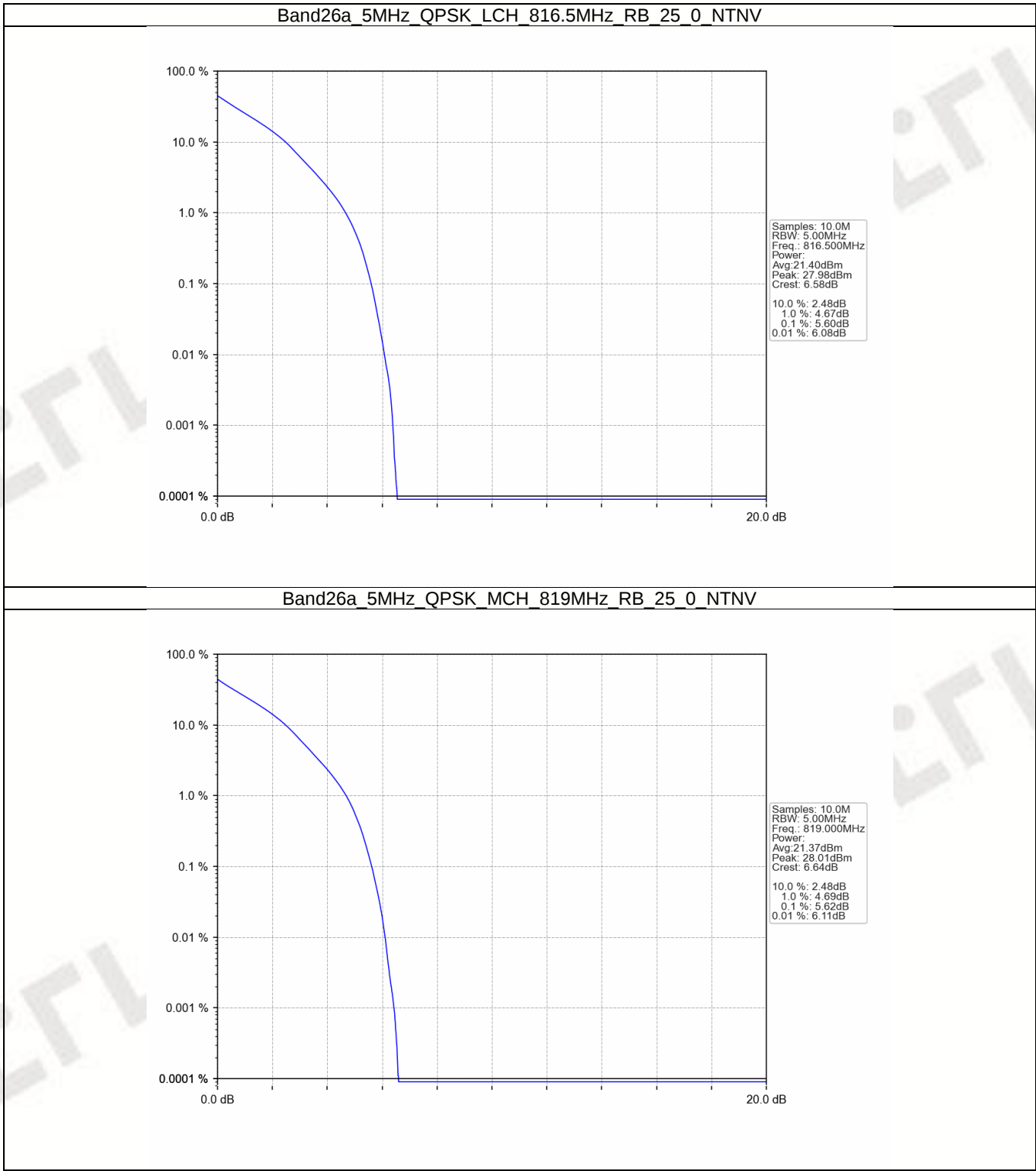


Band26a 3MHz 16QAM HCH 822.5MHz RB 15 0 NTNV

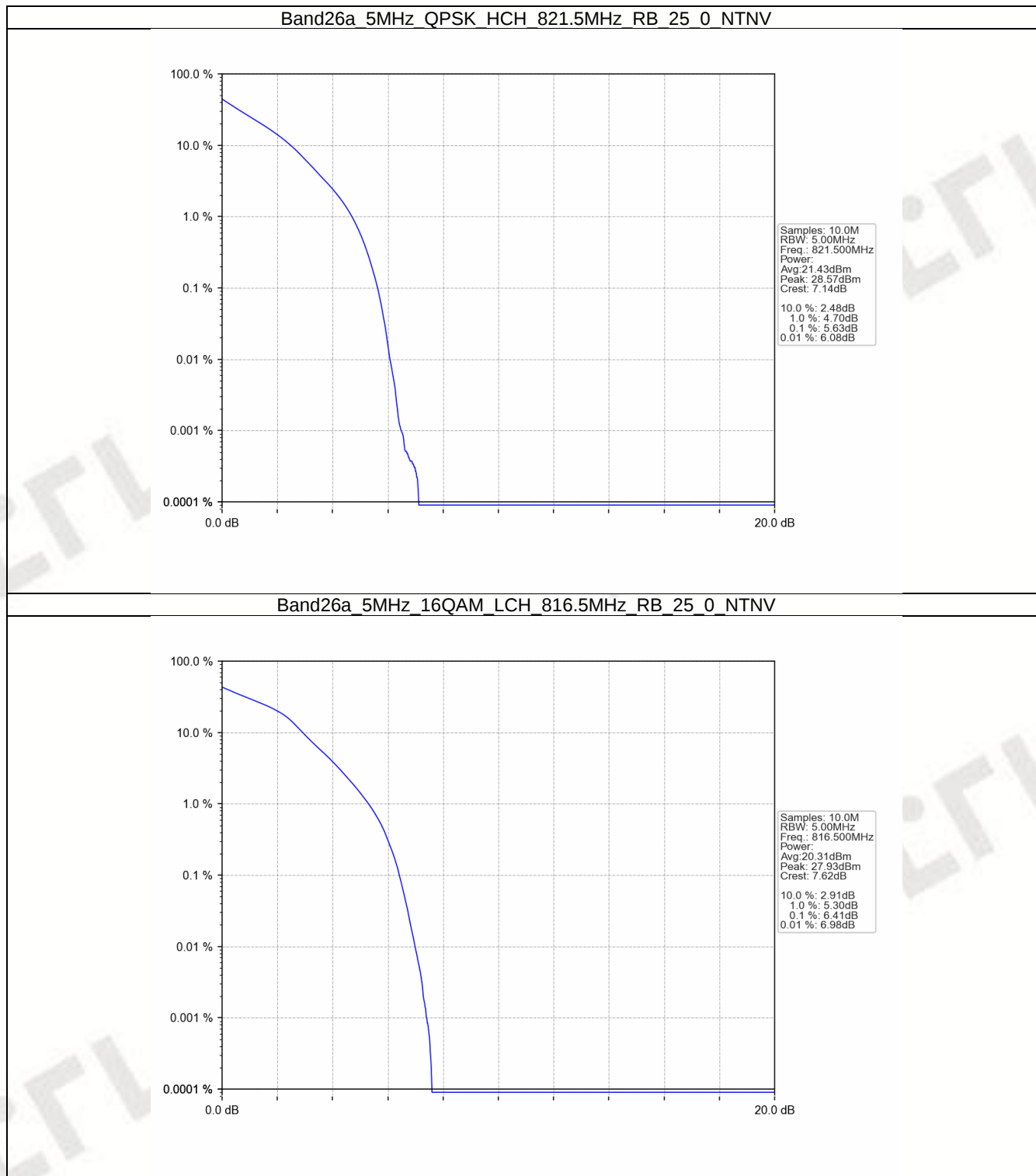


FCCID: 2BCUE-P8GLOBAL

5.2.3 B26a_5MHz

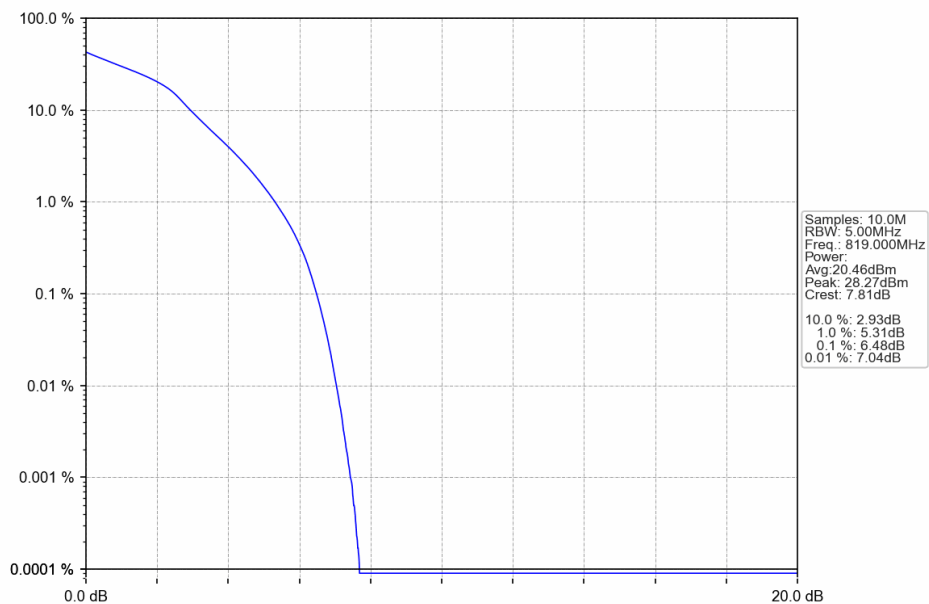


FCCID: 2BCUE-P8GLOBAL

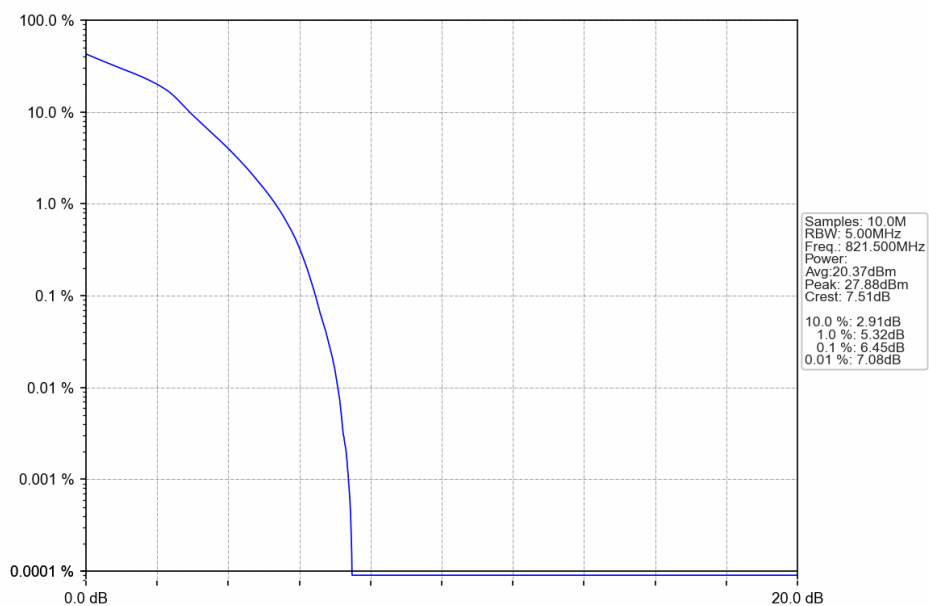


FCCID: 2BCUE-P8GLOBAL

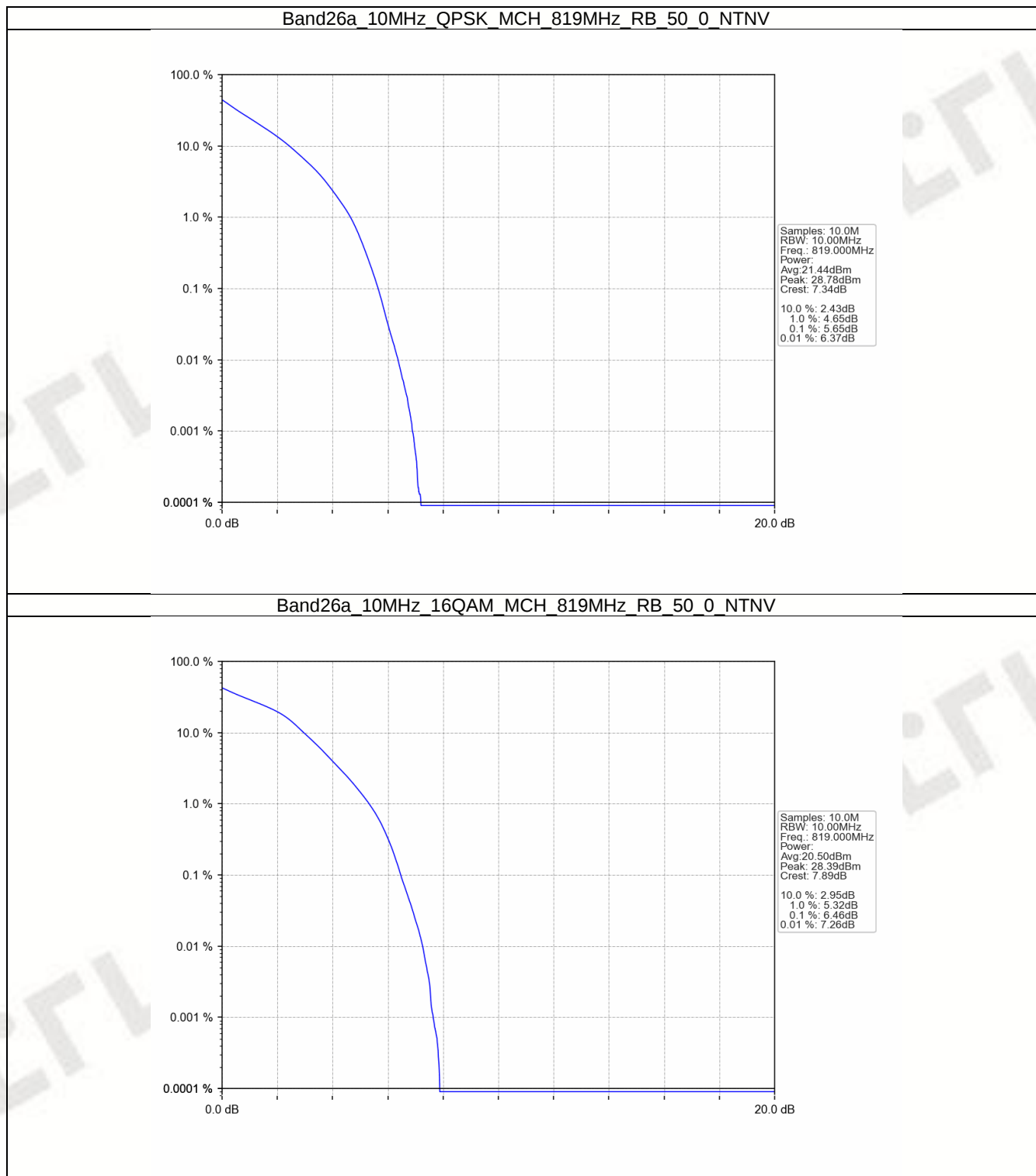
Band26a 5MHz 16QAM MCH 819MHz RB 25 0 NTNV



Band26a 5MHz 16QAM HCH 821.5MHz RB 25 0 NTNV



FCCID: 2BCUE-P8GLOBAL

5.2.4 B26a_10MHz

6. Spurious Emission

6.1 Test Result

6.1.1 B26a_1.4MHz

Band: 26a / Bandwidth: 1.4MHz / NTNV					
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
16QAM	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

6.1.2 B26a_3MHz

Band: 26a / Bandwidth: 3MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
16QAM	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

6.1.3 B26a_5MHz

Band: 26a / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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
16QAM	816.5	1	0	Refer To Test Graph	Pass

FCCID: 2BCUE-P8GLOBAL

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

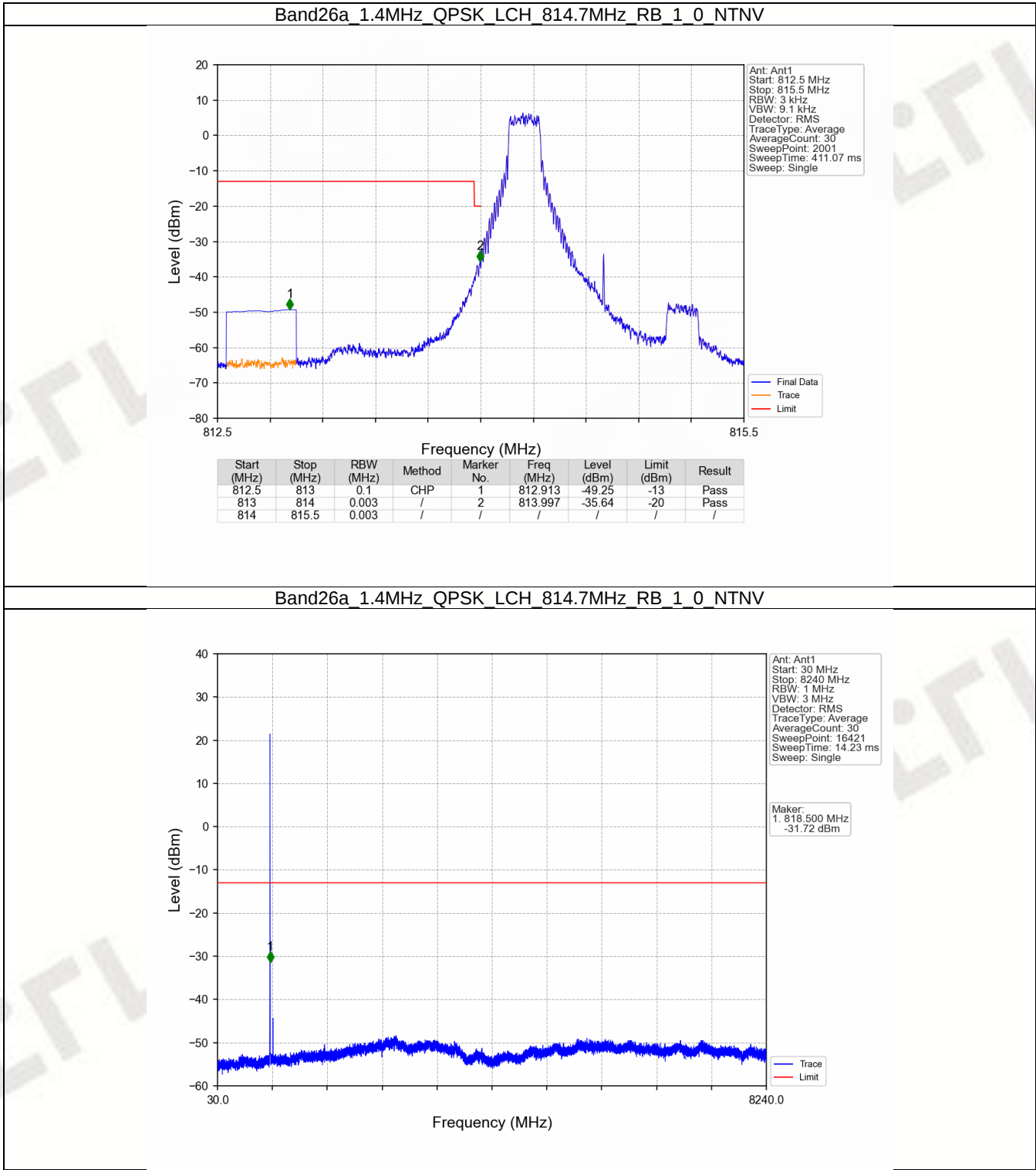
6.1.4 B26a_10MHz

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

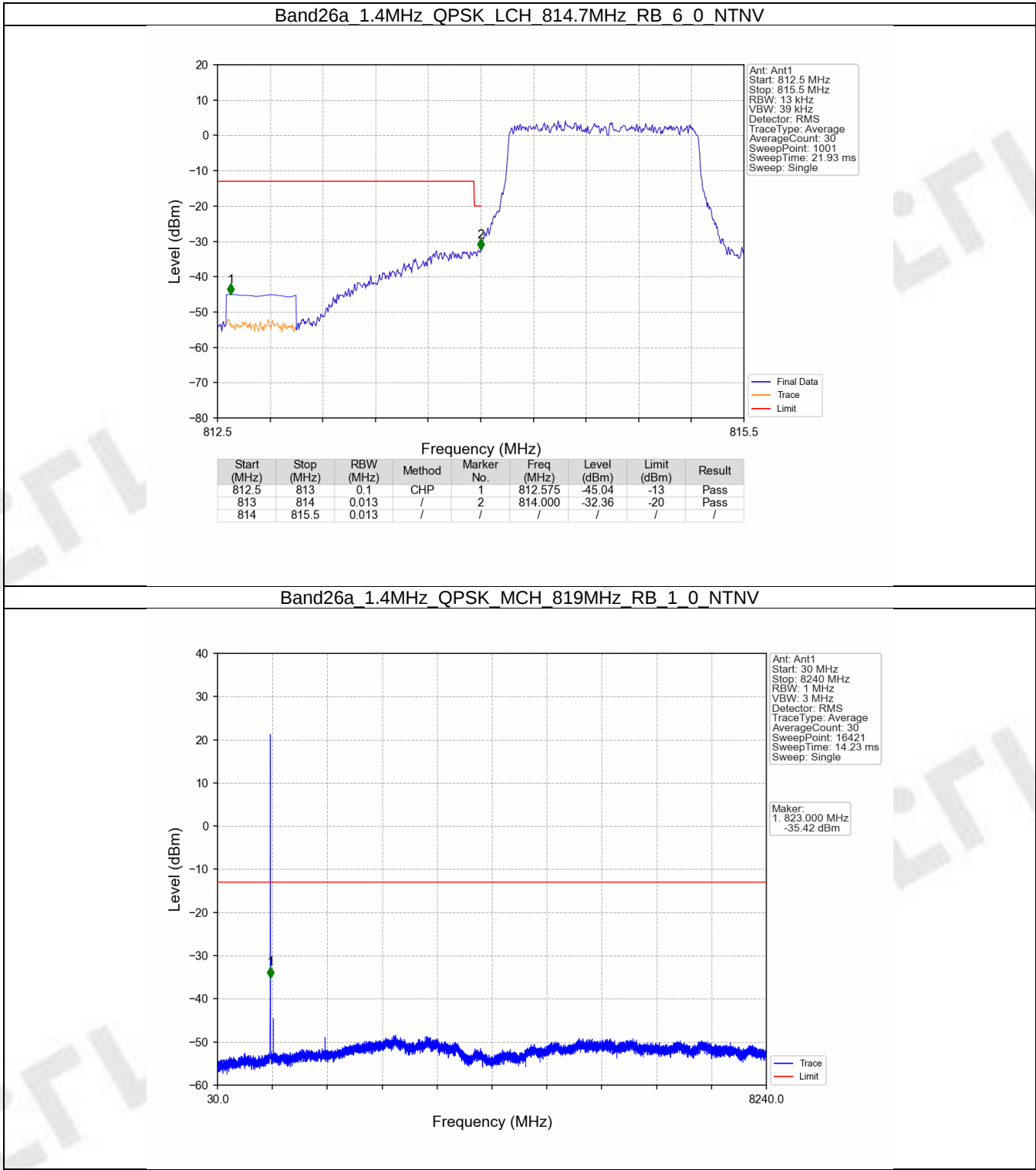
FCCID: 2BCUE-P8GLOBAL

6.2 Test Graph

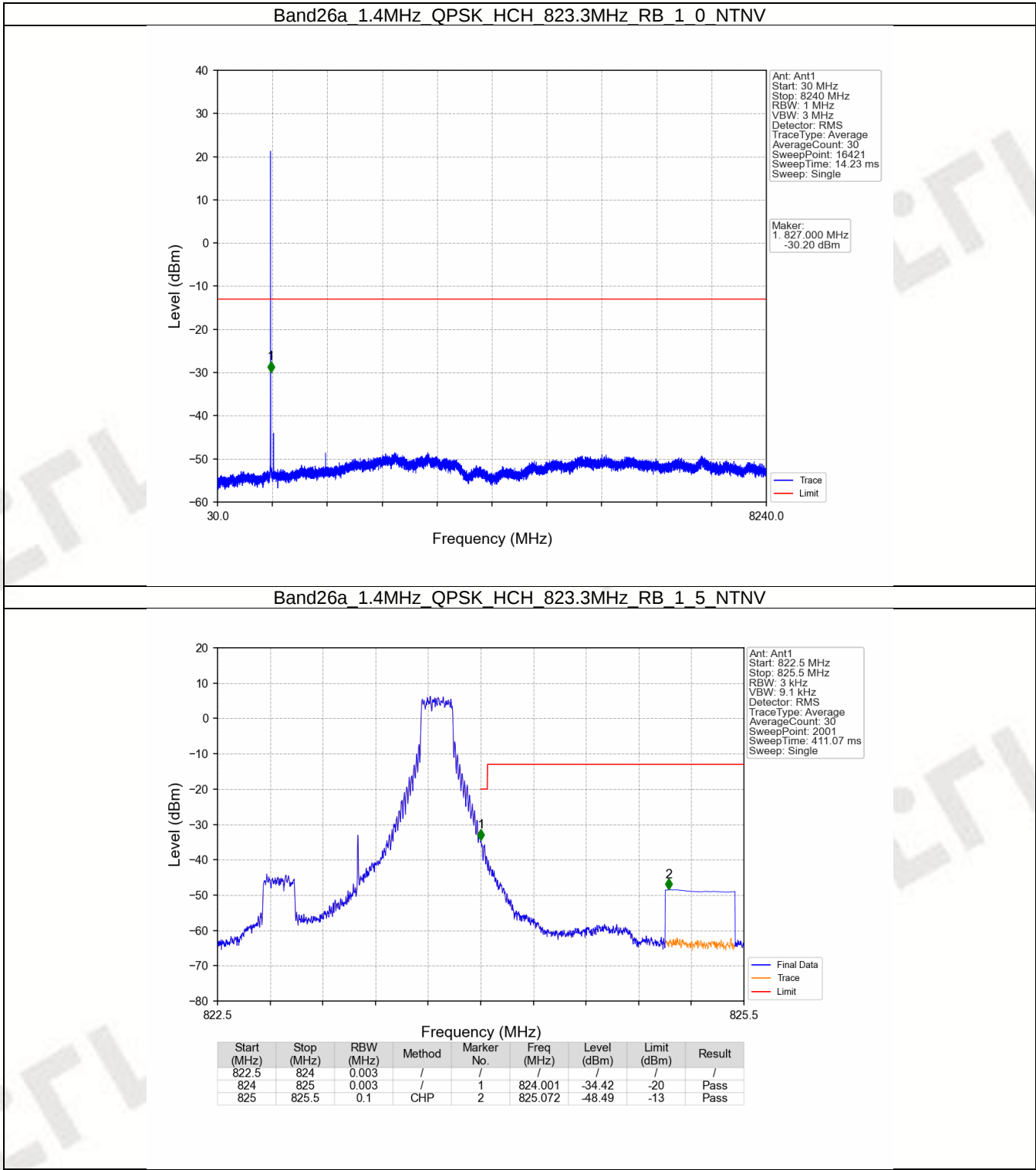
6.2.1 B26a_1.4MHz



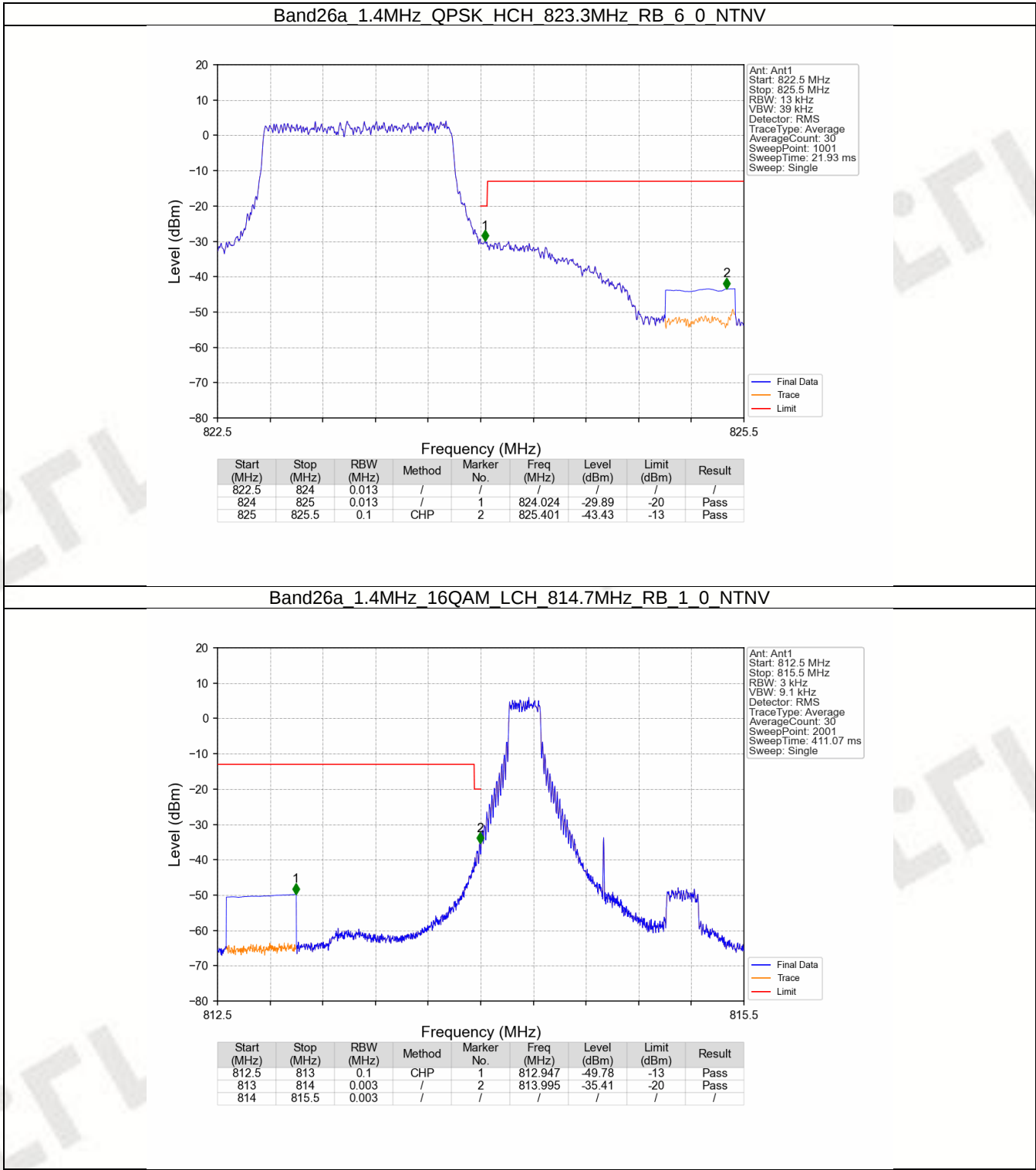
FCCID: 2BCUE-P8GLOBAL



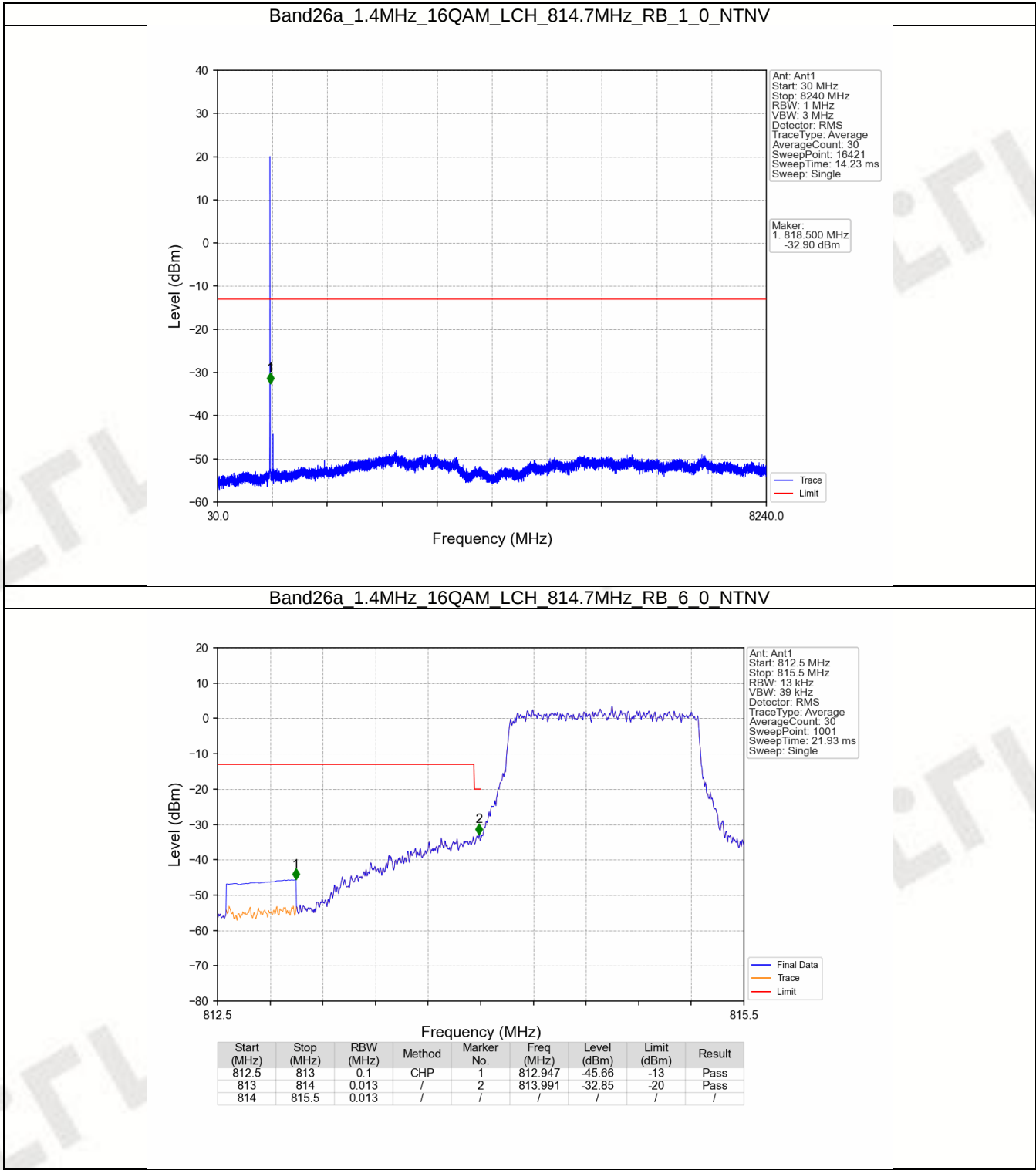
FCCID: 2BCUE-P8GLOBAL



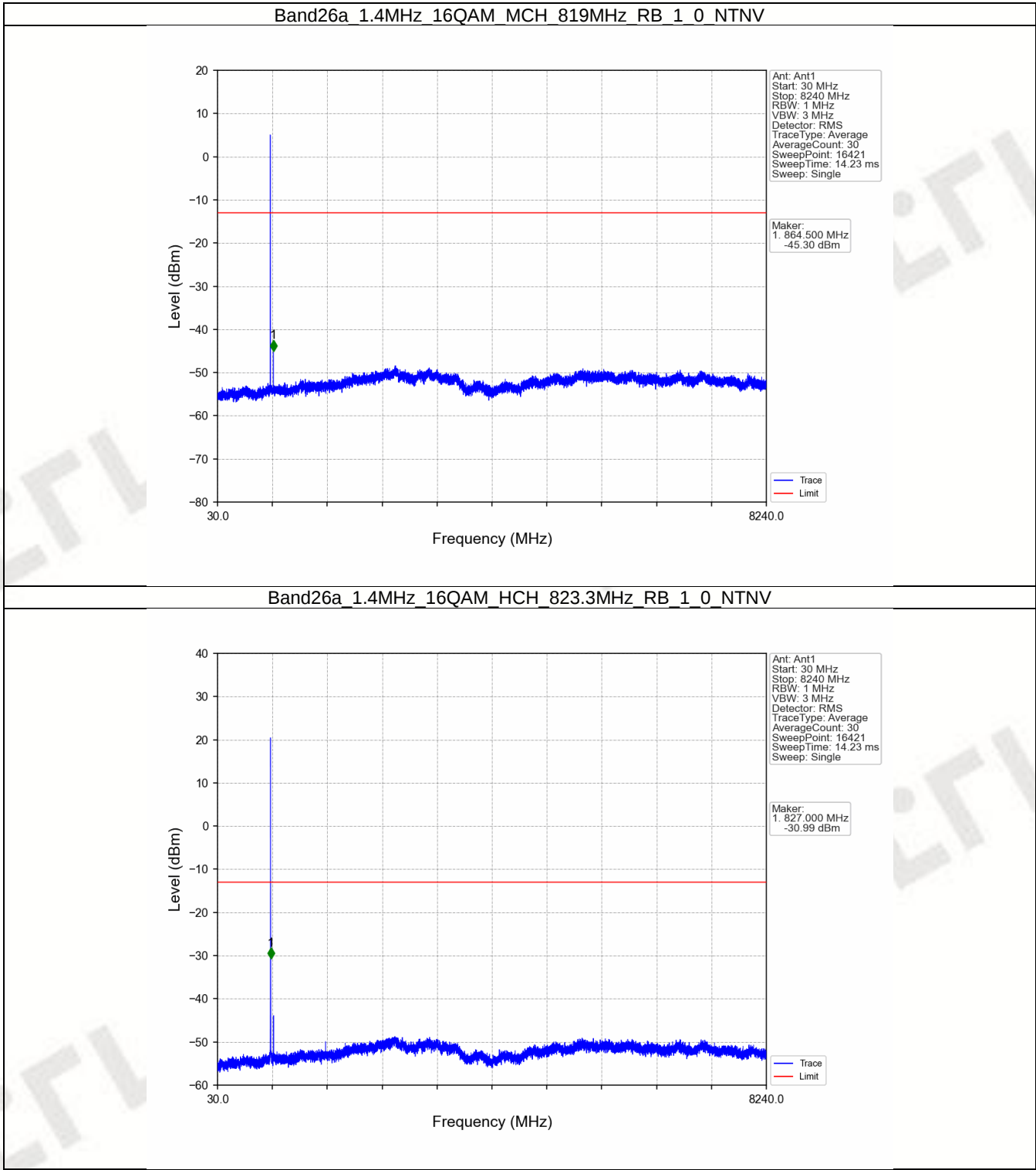
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FCCID: 2BCUE-P8GLOBAL

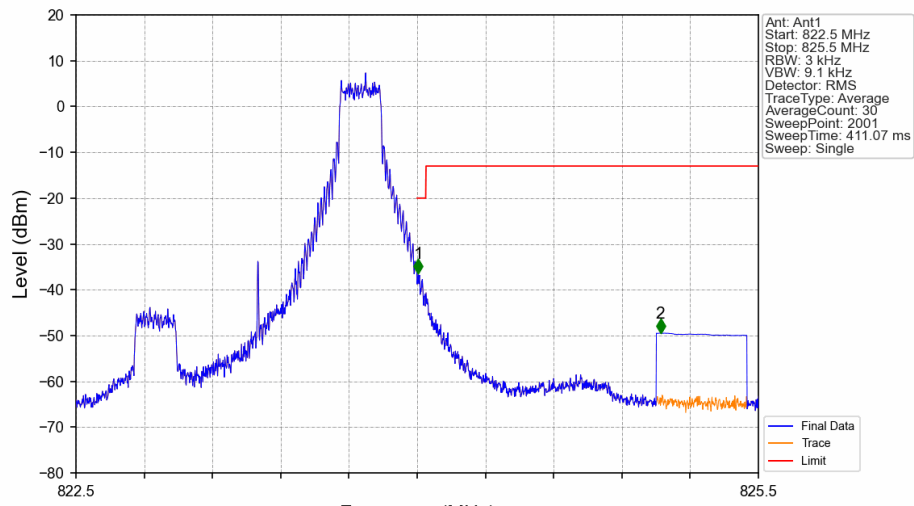


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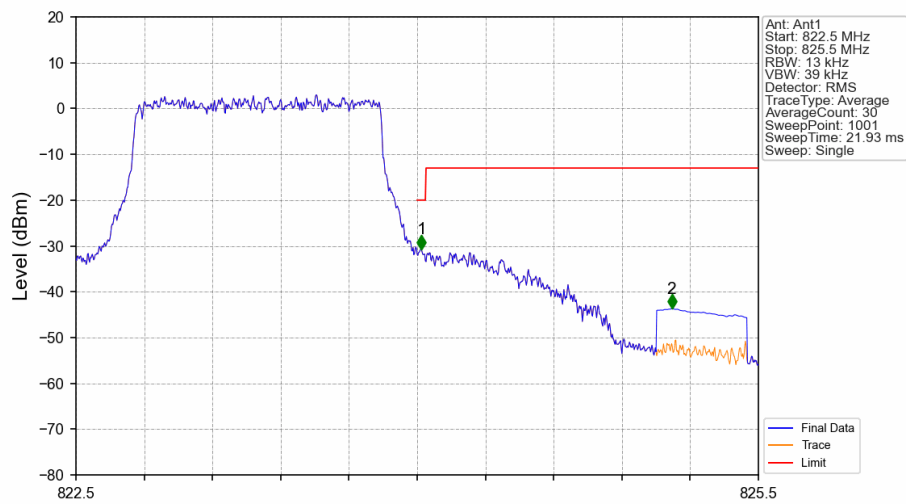
FCCID: 2BCUE-P8GLOBAL

Band26a 1.4MHz 16QAM HCH 823.3MHz RB 1 5 NTNV



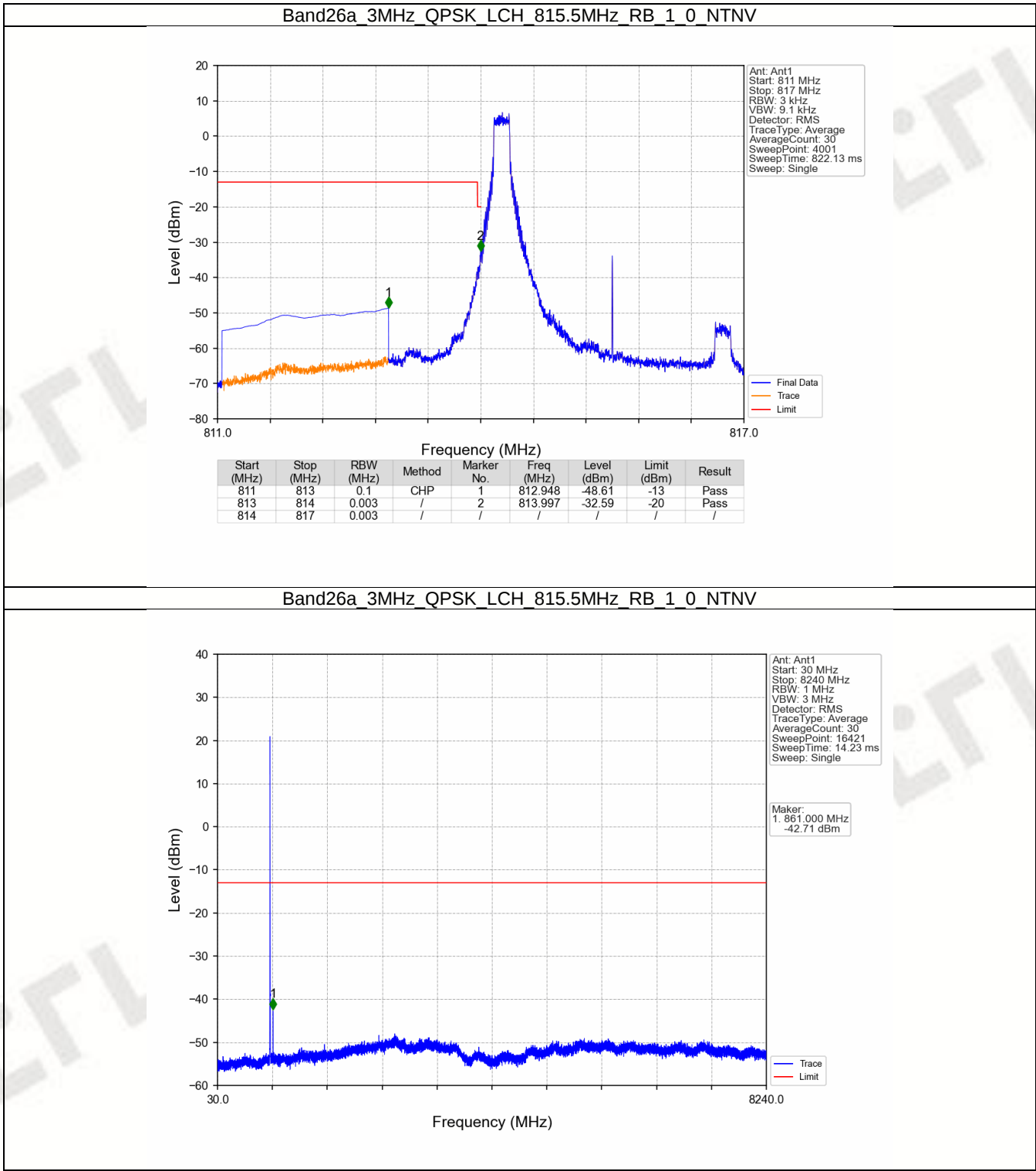
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.003	/	/	/	/	/	/
824	825	0.003	/	1	824.005	-36.40	-20	Pass
825	825.5	0.1	CHP	2	825.069	-49.47	-13	Pass

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

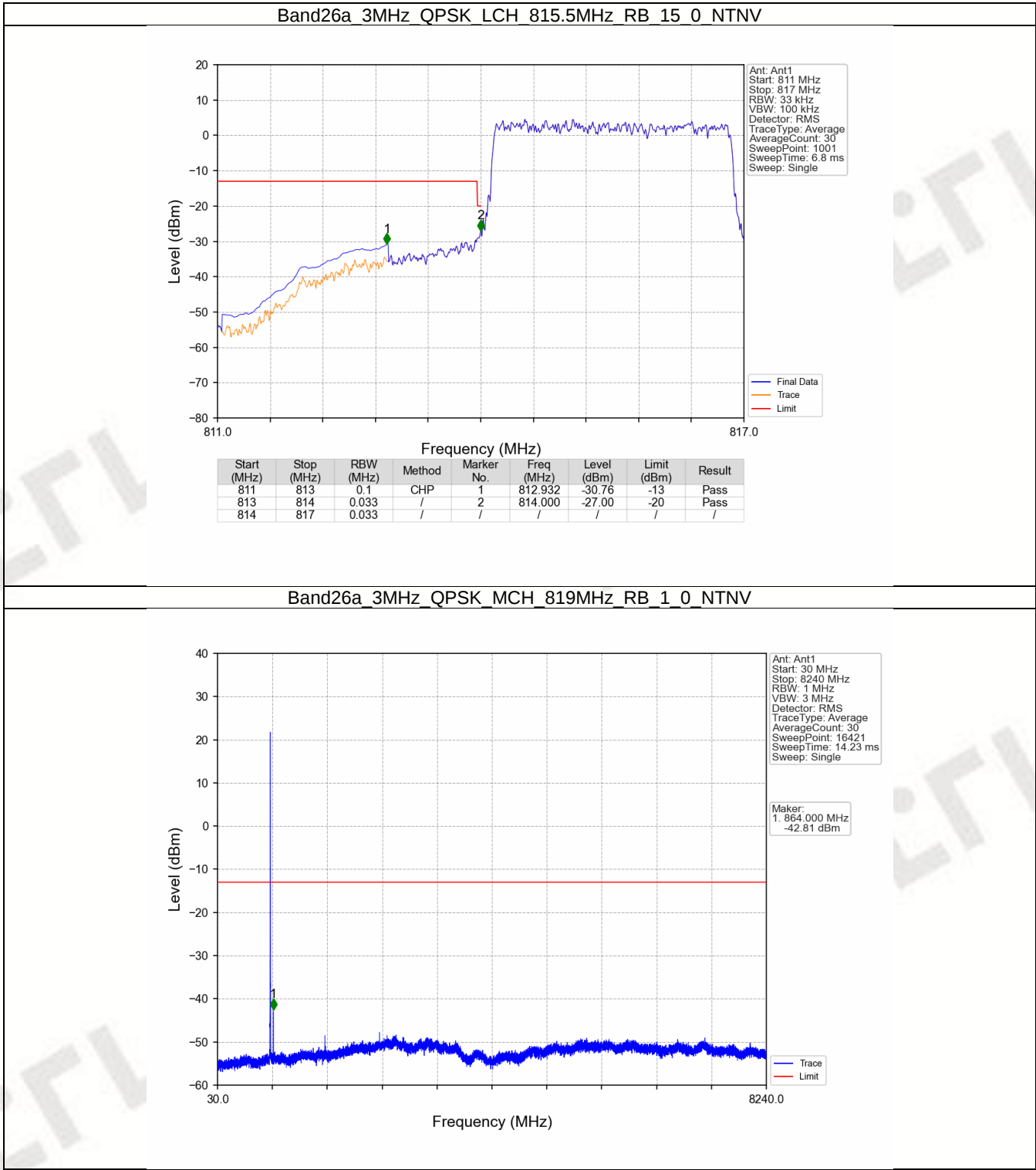


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	824	0.013	/	/	/	/	/	/
824	825	0.013	/	1	824.018	-30.71	-20	Pass
825	825.5	0.1	CHP	2	825.119	-43.74	-13	Pass

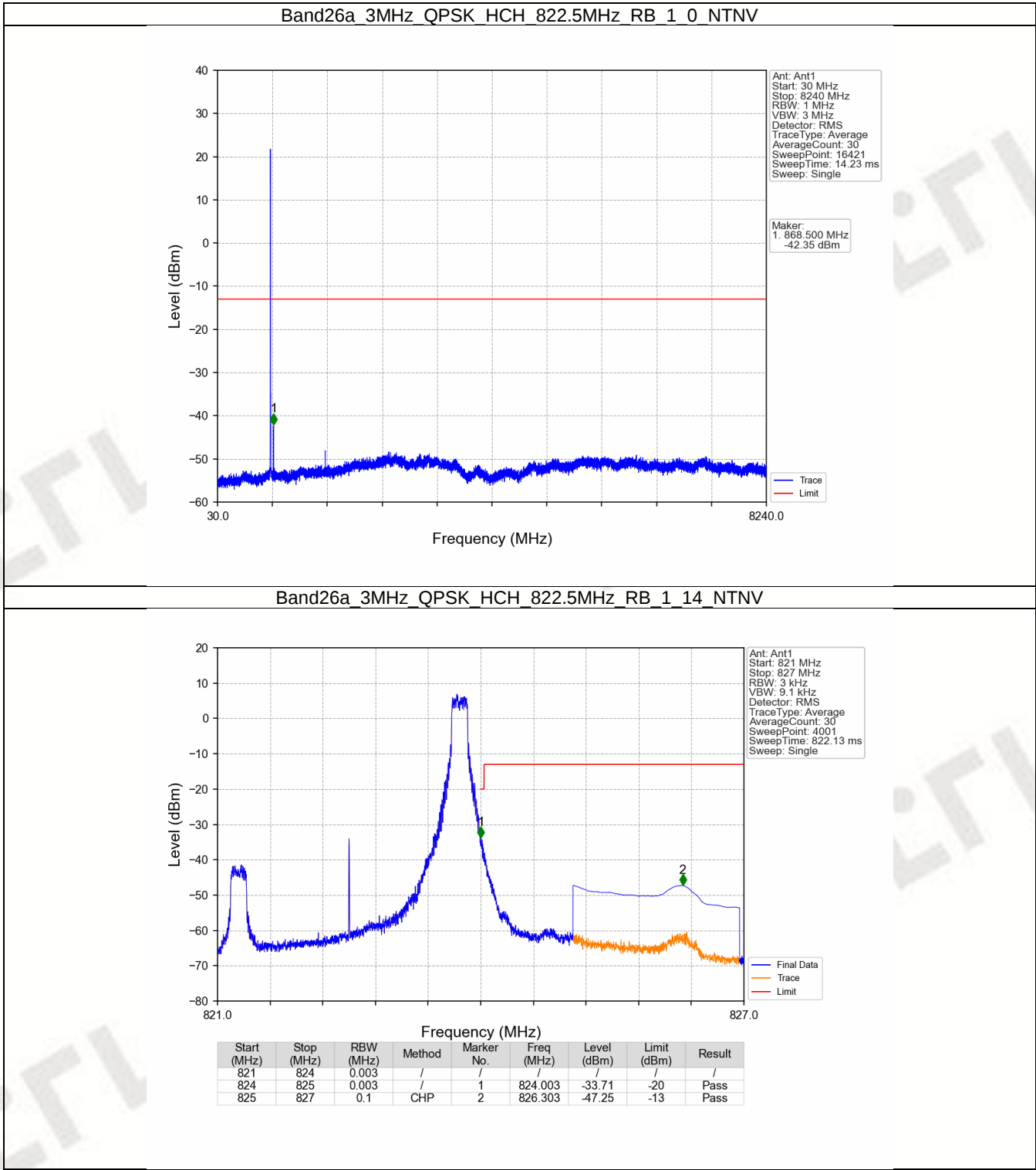
6.2.2 B26a_3MHz



FCCID: 2BCUE-P8GLOBAL

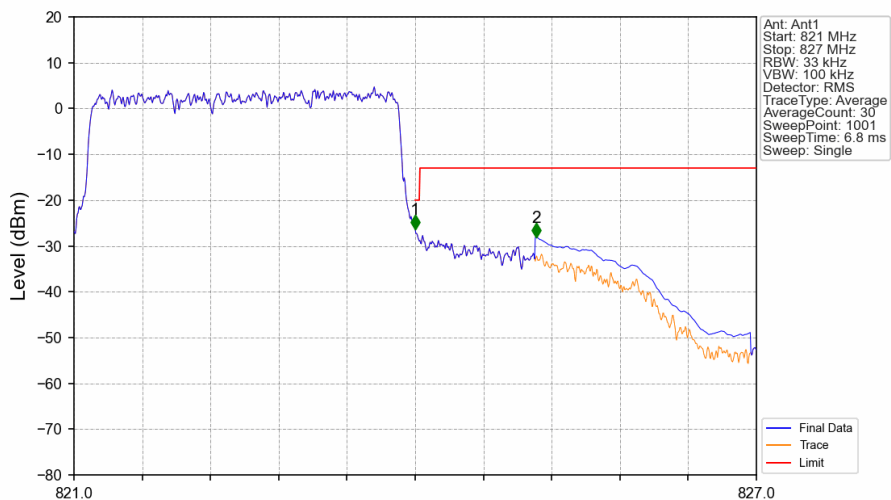


FCCID: 2BCUE-P8GLOBAL



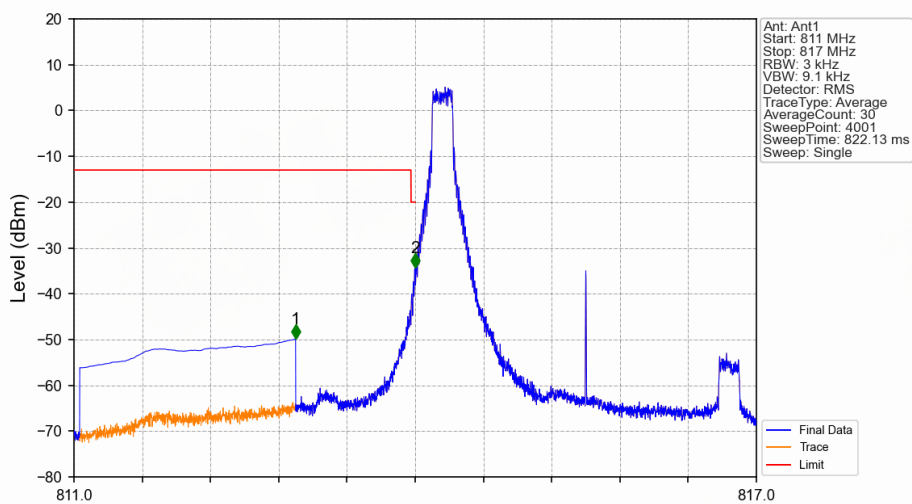
FCCID: 2BCUE-P8GLOBAL

Band26a 3MHz QPSK HCH 822.5MHz RB 15 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	824	0.033	/	/	/	/	/	/
824	825	0.033	/	1	824.000	-26.33	-20	Pass
825	827	0.1	CHP	2	825.062	-28.11	-13	Pass

Band26a 3MHz 16QAM LCH 815.5MHz RB 1 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
811	813	0.1	CHP	1	812.948	-49.80	-13	Pass
813	814	0.003	/	2	813.999	-34.31	-20	Pass
814	817	0.003	/	/	/	/	/	/

FCCID: 2BCUE-P8GLOBAL

