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Appendix B.12

LTE Band 26(824-849)



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B26_1.4MHz_ERPAnt0

1.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	824.7	1	0	22.87	-3.00	17.72	<=38.45	Pass
			2	22.81	-3.00	17.66	<=38.45	Pass
			5	22.81	-3.00	17.66	<=38.45	Pass
		3	0	22.90	-3.00	17.75	<=38.45	Pass
			2	22.87	-3.00	17.72	<=38.45	Pass
			3	22.86	-3.00	17.71	<=38.45	Pass
	6	0	21.87	-3.00	16.72	<=38.45	Pass	
		1	0	21.29	-3.00	16.14	<=38.45	Pass
			2	22.88	-3.00	17.73	<=38.45	Pass
			5	22.98	-3.00	17.83	<=38.45	Pass
		3	0	22.93	-3.00	17.78	<=38.45	Pass
			2	22.91	-3.00	17.76	<=38.45	Pass
	3		22.99	-3.00	17.84	<=38.45	Pass	
	6	0	21.96	-3.00	16.81	<=38.45	Pass	
		1	0	23.06	-3.00	17.91	<=38.45	Pass
			2	23.10	-3.00	17.95	<=38.45	Pass
			5	23.10	-3.00	17.95	<=38.45	Pass
		3	0	23.10	-3.00	17.95	<=38.45	Pass
			2	23.16	-3.00	18.01	<=38.45	Pass
	3		23.13	-3.00	17.98	<=38.45	Pass	
	6	0	22.11	-3.00	16.96	<=38.45	Pass	
		1	0	22.07	-3.00	16.92	<=38.45	Pass
			2	21.84	-3.00	16.69	<=38.45	Pass
			5	21.97	-3.00	16.82	<=38.45	Pass
3		0	21.93	-3.00	16.78	<=38.45	Pass	
		2	22.08	-3.00	16.93	<=38.45	Pass	
	3	21.94	-3.00	16.79	<=38.45	Pass		
16QAM	824.7	1	0	21.98	-3.00	16.83	<=38.45	Pass
			2	21.96	-3.00	16.81	<=38.45	Pass
			5	22.13	-3.00	16.98	<=38.45	Pass
		3	0	22.11	-3.00	16.96	<=38.45	Pass
			2	22.00	-3.00	16.85	<=38.45	Pass
			3	22.00	-3.00	16.85	<=38.45	Pass
	6	0	20.99	-3.00	15.84	<=38.45	Pass	
		1	0	22.12	-3.00	16.97	<=38.45	Pass
			2	22.27	-3.00	17.12	<=38.45	Pass



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64QAM	824.7	3	5	22.12	-3.00	16.97	<=38.45	Pass		
			0	22.15	-3.00	17.00	<=38.45	Pass		
			2	22.13	-3.00	16.98	<=38.45	Pass		
		6	3	3	22.32	-3.00	17.17	<=38.45	Pass	
				0	21.05	-3.00	15.90	<=38.45	Pass	
				2	21.28	-3.00	16.13	<=38.45	Pass	
	836.5	824.7	1	0	21.28	-3.00	16.13	<=38.45	Pass	
				2	20.68	-3.00	15.53	<=38.45	Pass	
				5	20.95	-3.00	15.80	<=38.45	Pass	
			3	1	0	21.13	-3.00	15.98	<=38.45	Pass
					2	20.81	-3.00	15.66	<=38.45	Pass
					3	21.10	-3.00	15.95	<=38.45	Pass
836.5		3	1	0	19.96	-3.00	14.81	<=38.45	Pass	
				2	20.85	-3.00	15.70	<=38.45	Pass	
				5	21.07	-3.00	15.92	<=38.45	Pass	
		6	1	0	21.36	-3.00	16.21	<=38.45	Pass	
				2	20.90	-3.00	15.75	<=38.45	Pass	
				3	21.17	-3.00	16.02	<=38.45	Pass	
848.3	836.5	3	2	21.18	-3.00	16.03	<=38.45	Pass		
			3	21.18	-3.00	16.03	<=38.45	Pass		
			6	20.04	-3.00	14.89	<=38.45	Pass		
		6	1	0	21.20	-3.00	16.05	<=38.45	Pass	
				2	21.52	-3.00	16.37	<=38.45	Pass	
				5	21.01	-3.00	15.86	<=38.45	Pass	
	848.3	3	1	0	21.33	-3.00	16.18	<=38.45	Pass	
				2	21.32	-3.00	16.17	<=38.45	Pass	
				3	21.06	-3.00	15.91	<=38.45	Pass	
		6	1	0	20.34	-3.00	15.19	<=38.45	Pass	
				2	17.93	-3.00	12.78	<=38.45	Pass	
				5	18.10	-3.00	12.95	<=38.45	Pass	
256QAM	824.7	1	0	17.93	-3.00	12.78	<=38.45	Pass		
			2	17.67	-3.00	12.52	<=38.45	Pass		
			3	17.85	-3.00	12.70	<=38.45	Pass		
		3	1	0	18.10	-3.00	12.95	<=38.45	Pass	
				2	17.88	-3.00	12.73	<=38.45	Pass	
				3	17.75	-3.00	12.60	<=38.45	Pass	
	836.5	3	1	0	17.85	-3.00	12.70	<=38.45	Pass	
				2	17.96	-3.00	12.81	<=38.45	Pass	
				6	17.96	-3.00	12.81	<=38.45	Pass	
		6	1	0	18.18	-3.00	13.03	<=38.45	Pass	
				2	18.22	-3.00	13.07	<=38.45	Pass	
				5	17.82	-3.00	12.67	<=38.45	Pass	
	848.3	3	1	0	17.76	-3.00	12.61	<=38.45	Pass	
				2	17.90	-3.00	12.75	<=38.45	Pass	
				3	17.90	-3.00	12.75	<=38.45	Pass	
		6	1	0	17.89	-3.00	12.74	<=38.45	Pass	
				2	18.33	-3.00	13.18	<=38.45	Pass	
				5	17.88	-3.00	12.73	<=38.45	Pass	
848.3	3	1	0	17.93	-3.00	12.78	<=38.45	Pass		
			2	17.92	-3.00	12.77	<=38.45	Pass		
			3	17.94	-3.00	12.79	<=38.45	Pass		
	6	1	0	17.96	-3.00	12.81	<=38.45	Pass		
			2	17.96	-3.00	12.81	<=38.45	Pass		
			3	17.96	-3.00	12.81	<=38.45	Pass		
6	1	0	18.16	-3.00	13.01	<=38.45	Pass			

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.2 B26_3MHz_ERP

1.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	825.5	1	0	22.98	-3.00	17.83	<=38.45	Pass		
			7	22.85	-3.00	17.70	<=38.45	Pass		
			14	22.84	-3.00	17.69	<=38.45	Pass		
		8	0	21.94	-3.00	16.79	<=38.45	Pass		
			4	21.91	-3.00	16.76	<=38.45	Pass		
			7	21.94	-3.00	16.79	<=38.45	Pass		
		15	0	21.96	-3.00	16.81	<=38.45	Pass		
		836.5	1	0	20.79	-3.00	15.64	<=38.45	Pass	
				7	21.02	-3.00	15.87	<=38.45	Pass	
	14			21.55	-3.00	16.40	<=38.45	Pass		
	8		0	20.75	-3.00	15.60	<=38.45	Pass		
			4	21.05	-3.00	15.90	<=38.45	Pass		
			7	21.57	-3.00	16.42	<=38.45	Pass		
	15		0	20.78	-3.00	15.63	<=38.45	Pass		
	847.5		1	0	23.14	-3.00	17.99	<=38.45	Pass	
				7	23.09	-3.00	17.94	<=38.45	Pass	
		14		23.07	-3.00	17.92	<=38.45	Pass		
		8	0	22.13	-3.00	16.98	<=38.45	Pass		
			4	22.11	-3.00	16.96	<=38.45	Pass		
			7	22.13	-3.00	16.98	<=38.45	Pass		
		15	0	22.12	-3.00	16.97	<=38.45	Pass		
		16QAM	825.5	1	0	21.99	-3.00	16.84	<=38.45	Pass
					7	22.10	-3.00	16.95	<=38.45	Pass
	14				22.39	-3.00	17.24	<=38.45	Pass	
	8			0	21.04	-3.00	15.89	<=38.45	Pass	
				4	20.91	-3.00	15.76	<=38.45	Pass	
				7	21.08	-3.00	15.93	<=38.45	Pass	
15	0			21.01	-3.00	15.86	<=38.45	Pass		
836.5	1			0	21.03	-3.00	15.88	<=38.45	Pass	
				7	21.55	-3.00	16.40	<=38.45	Pass	
			14	20.77	-3.00	15.62	<=38.45	Pass		
	8		0	21.03	-3.00	15.88	<=38.45	Pass		
			4	21.55	-3.00	16.40	<=38.45	Pass		
			7	20.77	-3.00	15.62	<=38.45	Pass		
	15		0	21.04	-3.00	15.89	<=38.45	Pass		
	847.5		1	0	22.15	-3.00	17.00	<=38.45	Pass	
				7	22.27	-3.00	17.12	<=38.45	Pass	
14				22.62	-3.00	17.47	<=38.45	Pass		
8			0	21.21	-3.00	16.06	<=38.45	Pass		
			4	21.12	-3.00	15.97	<=38.45	Pass		



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			7	21.26	-3.00	16.11	<=38.45	Pass
		15	0	21.18	-3.00	16.03	<=38.45	Pass
64QAM	825.5	1	0	20.98	-3.00	15.83	<=38.45	Pass
			7	21.22	-3.00	16.07	<=38.45	Pass
			14	20.74	-3.00	15.59	<=38.45	Pass
		8	0	19.92	-3.00	14.77	<=38.45	Pass
			4	20.11	-3.00	14.96	<=38.45	Pass
			7	19.95	-3.00	14.80	<=38.45	Pass
	15	0	20.11	-3.00	14.96	<=38.45	Pass	
	836.5	1	0	21.55	-3.00	16.40	<=38.45	Pass
			7	20.76	-3.00	15.61	<=38.45	Pass
			14	21.04	-3.00	15.89	<=38.45	Pass
		8	0	21.55	-3.00	16.40	<=38.45	Pass
			4	20.76	-3.00	15.61	<=38.45	Pass
			7	21.04	-3.00	15.89	<=38.45	Pass
	15	0	21.56	-3.00	16.41	<=38.45	Pass	
	847.5	1	0	21.16	-3.00	16.01	<=38.45	Pass
7			21.37	-3.00	16.22	<=38.45	Pass	
14			20.97	-3.00	15.82	<=38.45	Pass	
8		0	20.05	-3.00	14.90	<=38.45	Pass	
		4	20.28	-3.00	15.13	<=38.45	Pass	
		7	20.14	-3.00	14.99	<=38.45	Pass	
15	0	20.27	-3.00	15.12	<=38.45	Pass		
256QAM	825.5	1	0	18.33	-3.00	13.18	<=38.45	Pass
			7	17.98	-3.00	12.83	<=38.45	Pass
			14	17.75	-3.00	12.60	<=38.45	Pass
		8	0	18.07	-3.00	12.92	<=38.45	Pass
			4	18.05	-3.00	12.90	<=38.45	Pass
			7	17.90	-3.00	12.75	<=38.45	Pass
	15	0	18.05	-3.00	12.90	<=38.45	Pass	
	836.5	1	0	17.83	-3.00	12.68	<=38.45	Pass
			7	17.81	-3.00	12.66	<=38.45	Pass
			14	17.81	-3.00	12.66	<=38.45	Pass
		8	0	18.03	-3.00	12.88	<=38.45	Pass
			4	17.94	-3.00	12.79	<=38.45	Pass
			7	18.06	-3.00	12.91	<=38.45	Pass
	15	0	18.06	-3.00	12.91	<=38.45	Pass	
	847.5	1	0	17.97	-3.00	12.82	<=38.45	Pass
			7	17.95	-3.00	12.80	<=38.45	Pass
			14	17.92	-3.00	12.77	<=38.45	Pass
		8	0	18.05	-3.00	12.90	<=38.45	Pass
4			18.06	-3.00	12.91	<=38.45	Pass	
7			18.04	-3.00	12.89	<=38.45	Pass	
15	0	18.22	-3.00	13.07	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B26_5MHz_ERP

1.3.1 Test Result

Band: 26b / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	826.5	1	0	23.03	-3.00	17.88	<=38.45	Pass		
			13	22.99	-3.00	17.84	<=38.45	Pass		
			24	23.03	-3.00	17.88	<=38.45	Pass		
		12	0	21.95	-3.00	16.80	<=38.45	Pass		
			6	21.94	-3.00	16.79	<=38.45	Pass		
			13	21.96	-3.00	16.81	<=38.45	Pass		
		25	0	22.00	-3.00	16.85	<=38.45	Pass		
		836.5	1	0	23.01	-3.00	17.86	<=38.45	Pass	
				13	22.99	-3.00	17.84	<=38.45	Pass	
	24			23.07	-3.00	17.92	<=38.45	Pass		
	12		0	21.95	-3.00	16.80	<=38.45	Pass		
			6	21.99	-3.00	16.84	<=38.45	Pass		
			13	21.98	-3.00	16.83	<=38.45	Pass		
	25	0	22.01	-3.00	16.86	<=38.45	Pass			
	846.5	1	0	23.13	-3.00	17.98	<=38.45	Pass		
			13	23.16	-3.00	18.01	<=38.45	Pass		
			24	23.15	-3.00	18.00	<=38.45	Pass		
		12	0	22.09	-3.00	16.94	<=38.45	Pass		
			6	22.12	-3.00	16.97	<=38.45	Pass		
			13	22.13	-3.00	16.98	<=38.45	Pass		
		25	0	22.13	-3.00	16.98	<=38.45	Pass		
		16QAM	826.5	1	0	22.07	-3.00	16.92	<=38.45	Pass
					13	22.17	-3.00	17.02	<=38.45	Pass
	24				21.90	-3.00	16.75	<=38.45	Pass	
12	0			20.99	-3.00	15.84	<=38.45	Pass		
	6			21.01	-3.00	15.86	<=38.45	Pass		
	13			21.00	-3.00	15.85	<=38.45	Pass		
25	0			21.04	-3.00	15.89	<=38.45	Pass		
836.5	1			0	22.25	-3.00	17.10	<=38.45	Pass	
				13	21.90	-3.00	16.75	<=38.45	Pass	
			24	22.15	-3.00	17.00	<=38.45	Pass		
	12		0	21.01	-3.00	15.86	<=38.45	Pass		
			6	21.02	-3.00	15.87	<=38.45	Pass		
			13	21.00	-3.00	15.85	<=38.45	Pass		
25	0		21.02	-3.00	15.87	<=38.45	Pass			
846.5	1		0	22.16	-3.00	17.01	<=38.45	Pass		
			13	22.39	-3.00	17.24	<=38.45	Pass		
			24	22.03	-3.00	16.88	<=38.45	Pass		
	12		0	21.11	-3.00	15.96	<=38.45	Pass		
			6	21.19	-3.00	16.04	<=38.45	Pass		



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			13	21.15	-3.00	16.00	<=38.45	Pass
		25	0	21.18	-3.00	16.03	<=38.45	Pass
64QAM	826.5	1	0	21.11	-3.00	15.96	<=38.45	Pass
			13	20.93	-3.00	15.78	<=38.45	Pass
			24	21.25	-3.00	16.10	<=38.45	Pass
		12	0	20.03	-3.00	14.88	<=38.45	Pass
			6	19.95	-3.00	14.80	<=38.45	Pass
			13	20.11	-3.00	14.96	<=38.45	Pass
	25	0	20.07	-3.00	14.92	<=38.45	Pass	
	836.5	1	0	21.01	-3.00	15.86	<=38.45	Pass
			13	21.19	-3.00	16.04	<=38.45	Pass
			24	21.21	-3.00	16.06	<=38.45	Pass
		12	0	19.94	-3.00	14.79	<=38.45	Pass
			6	20.11	-3.00	14.96	<=38.45	Pass
			13	20.01	-3.00	14.86	<=38.45	Pass
	25	0	20.01	-3.00	14.86	<=38.45	Pass	
	846.5	1	0	21.20	-3.00	16.05	<=38.45	Pass
			13	21.11	-3.00	15.96	<=38.45	Pass
			24	21.32	-3.00	16.17	<=38.45	Pass
		12	0	20.14	-3.00	14.99	<=38.45	Pass
6			20.11	-3.00	14.96	<=38.45	Pass	
13			20.26	-3.00	15.11	<=38.45	Pass	
25	0	20.19	-3.00	15.04	<=38.45	Pass		
256QAM	826.5	1	0	18.16	-3.00	13.01	<=38.45	Pass
			13	18.12	-3.00	12.97	<=38.45	Pass
			24	18.21	-3.00	13.06	<=38.45	Pass
		12	0	18.02	-3.00	12.87	<=38.45	Pass
			6	17.99	-3.00	12.84	<=38.45	Pass
			13	17.99	-3.00	12.84	<=38.45	Pass
	25	0	18.01	-3.00	12.86	<=38.45	Pass	
	836.5	1	0	18.19	-3.00	13.04	<=38.45	Pass
			13	18.02	-3.00	12.87	<=38.45	Pass
			24	18.21	-3.00	13.06	<=38.45	Pass
		12	0	18.00	-3.00	12.85	<=38.45	Pass
			6	18.00	-3.00	12.85	<=38.45	Pass
			13	18.00	-3.00	12.85	<=38.45	Pass
	25	0	18.02	-3.00	12.87	<=38.45	Pass	
	846.5	1	0	18.25	-3.00	13.10	<=38.45	Pass
			13	17.88	-3.00	12.73	<=38.45	Pass
			24	18.31	-3.00	13.16	<=38.45	Pass
		12	0	18.12	-3.00	12.97	<=38.45	Pass
6			18.14	-3.00	12.99	<=38.45	Pass	
13			18.13	-3.00	12.98	<=38.45	Pass	
25	0	18.12	-3.00	12.97	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.4 B26_10MHz_ERP

1.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	829	1	0	22.92	-3.00	17.77	<=38.45	Pass		
			25	22.94	-3.00	17.79	<=38.45	Pass		
			49	22.91	-3.00	17.76	<=38.45	Pass		
		25	0	21.98	-3.00	16.83	<=38.45	Pass		
			13	21.98	-3.00	16.83	<=38.45	Pass		
			25	21.98	-3.00	16.83	<=38.45	Pass		
		50	0	21.99	-3.00	16.84	<=38.45	Pass		
		836.5	1	0	23.02	-3.00	17.87	<=38.45	Pass	
				25	22.93	-3.00	17.78	<=38.45	Pass	
	49			23.06	-3.00	17.91	<=38.45	Pass		
	25		0	21.96	-3.00	16.81	<=38.45	Pass		
			13	22.01	-3.00	16.86	<=38.45	Pass		
			25	22.00	-3.00	16.85	<=38.45	Pass		
	50		0	22.01	-3.00	16.86	<=38.45	Pass		
	844		1	0	21.67	-3.00	16.52	<=38.45	Pass	
				25	21.70	-3.00	16.55	<=38.45	Pass	
		49		21.69	-3.00	16.54	<=38.45	Pass		
		25	0	21.69	-3.00	16.54	<=38.45	Pass		
			13	21.69	-3.00	16.54	<=38.45	Pass		
			25	21.69	-3.00	16.54	<=38.45	Pass		
		50	0	21.70	-3.00	16.55	<=38.45	Pass		
		16QAM	829	1	0	22.18	-3.00	17.03	<=38.45	Pass
					25	22.14	-3.00	16.99	<=38.45	Pass
	49				22.13	-3.00	16.98	<=38.45	Pass	
25	0			21.00	-3.00	15.85	<=38.45	Pass		
	13			21.01	-3.00	15.86	<=38.45	Pass		
	25			21.04	-3.00	15.89	<=38.45	Pass		
50	0			20.98	-3.00	15.83	<=38.45	Pass		
836.5	1			0	22.24	-3.00	17.09	<=38.45	Pass	
				25	22.55	-3.00	17.40	<=38.45	Pass	
			49	22.03	-3.00	16.88	<=38.45	Pass		
	25		0	20.96	-3.00	15.81	<=38.45	Pass		
			13	21.08	-3.00	15.93	<=38.45	Pass		
			25	21.08	-3.00	15.93	<=38.45	Pass		
	50		0	20.99	-3.00	15.84	<=38.45	Pass		
	844		1	0	21.70	-3.00	16.55	<=38.45	Pass	
				25	21.69	-3.00	16.54	<=38.45	Pass	
49				21.70	-3.00	16.55	<=38.45	Pass		
25			0	21.70	-3.00	16.55	<=38.45	Pass		
			13	21.70	-3.00	16.55	<=38.45	Pass		



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			25	21.70	-3.00	16.55	<=38.45	Pass
		50	0	21.69	-3.00	16.54	<=38.45	Pass
64QAM	829	1	0	21.04	-3.00	15.89	<=38.45	Pass
			25	21.03	-3.00	15.88	<=38.45	Pass
			49	21.04	-3.00	15.89	<=38.45	Pass
		25	0	20.09	-3.00	14.94	<=38.45	Pass
			13	20.09	-3.00	14.94	<=38.45	Pass
			25	20.11	-3.00	14.96	<=38.45	Pass
	50	0	20.02	-3.00	14.87	<=38.45	Pass	
	836.5	1	0	21.27	-3.00	16.12	<=38.45	Pass
			25	20.86	-3.00	15.71	<=38.45	Pass
			49	21.11	-3.00	15.96	<=38.45	Pass
		25	0	19.98	-3.00	14.83	<=38.45	Pass
			13	20.05	-3.00	14.90	<=38.45	Pass
			25	20.10	-3.00	14.95	<=38.45	Pass
	50	0	20.01	-3.00	14.86	<=38.45	Pass	
	844	1	0	21.70	-3.00	16.55	<=38.45	Pass
			25	21.69	-3.00	16.54	<=38.45	Pass
			49	21.70	-3.00	16.55	<=38.45	Pass
		25	0	21.68	-3.00	16.53	<=38.45	Pass
13			21.69	-3.00	16.54	<=38.45	Pass	
25			21.69	-3.00	16.54	<=38.45	Pass	
50	0	21.69	-3.00	16.54	<=38.45	Pass		
256QAM	829	1	0	17.79	-3.00	12.64	<=38.45	Pass
			25	17.85	-3.00	12.70	<=38.45	Pass
			49	17.79	-3.00	12.64	<=38.45	Pass
		25	0	18.04	-3.00	12.89	<=38.45	Pass
			13	18.03	-3.00	12.88	<=38.45	Pass
			25	18.07	-3.00	12.92	<=38.45	Pass
	50	0	18.00	-3.00	12.85	<=38.45	Pass	
	836.5	1	0	18.10	-3.00	12.95	<=38.45	Pass
			25	18.39	-3.00	13.24	<=38.45	Pass
			49	18.11	-3.00	12.96	<=38.45	Pass
		25	0	18.01	-3.00	12.86	<=38.45	Pass
			13	18.04	-3.00	12.89	<=38.45	Pass
			25	18.05	-3.00	12.90	<=38.45	Pass
	50	0	17.99	-3.00	12.84	<=38.45	Pass	
	844	1	0	18.52	-3.00	13.37	<=38.45	Pass
			25	18.50	-3.00	13.35	<=38.45	Pass
			49	18.58	-3.00	13.43	<=38.45	Pass
		25	0	18.16	-3.00	13.01	<=38.45	Pass
13			18.16	-3.00	13.01	<=38.45	Pass	
25			18.18	-3.00	13.03	<=38.45	Pass	
50	0	18.17	-3.00	13.02	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.5 B26_15MHz_ERPAnt0

1.5.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	821.5	1	0	22.87	-3.00	17.72	<=38.45	Pass	
			38	22.92	-3.00	17.77	<=38.45	Pass	
			74	22.90	-3.00	17.75	<=38.45	Pass	
		36	0	21.92	-3.00	16.77	<=38.45	Pass	
			18	21.92	-3.00	16.77	<=38.45	Pass	
			39	21.91	-3.00	16.76	<=38.45	Pass	
		75	0	21.91	-3.00	16.76	<=38.45	Pass	
		831.5	1	0	22.92	-3.00	17.77	<=38.45	Pass
				38	22.97	-3.00	17.82	<=38.45	Pass
	74			23.00	-3.00	17.85	<=38.45	Pass	
	36		0	21.98	-3.00	16.83	<=38.45	Pass	
			18	21.97	-3.00	16.82	<=38.45	Pass	
			39	21.98	-3.00	16.83	<=38.45	Pass	
	75		0	21.97	-3.00	16.82	<=38.45	Pass	
	841.5		1	0	21.42	-3.00	16.27	<=38.45	Pass
				38	21.41	-3.00	16.26	<=38.45	Pass
		74		21.40	-3.00	16.25	<=38.45	Pass	
		36	0	21.42	-3.00	16.27	<=38.45	Pass	
			18	21.41	-3.00	16.26	<=38.45	Pass	
			39	21.41	-3.00	16.26	<=38.45	Pass	
	75	0	21.39	-3.00	16.24	<=38.45	Pass		
	16QAM	821.5	1	0	22.08	-3.00	16.93	<=38.45	Pass
				38	22.14	-3.00	16.99	<=38.45	Pass
				74	22.15	-3.00	17.00	<=38.45	Pass
36			0	20.92	-3.00	15.77	<=38.45	Pass	
			18	20.94	-3.00	15.79	<=38.45	Pass	
			39	20.95	-3.00	15.80	<=38.45	Pass	
75			0	20.96	-3.00	15.81	<=38.45	Pass	
831.5			1	0	22.17	-3.00	17.02	<=38.45	Pass
				38	22.19	-3.00	17.04	<=38.45	Pass
		74		22.20	-3.00	17.05	<=38.45	Pass	
		36	0	20.98	-3.00	15.83	<=38.45	Pass	
			18	20.97	-3.00	15.82	<=38.45	Pass	
			39	20.97	-3.00	15.82	<=38.45	Pass	
		75	0	21.01	-3.00	15.86	<=38.45	Pass	
		841.5	1	0	21.41	-3.00	16.26	<=38.45	Pass
				38	21.42	-3.00	16.27	<=38.45	Pass
74				21.42	-3.00	16.27	<=38.45	Pass	
36			0	21.42	-3.00	16.27	<=38.45	Pass	
			18	21.42	-3.00	16.27	<=38.45	Pass	



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			39	21.41	-3.00	16.26	<=38.45	Pass
		75	0	21.42	-3.00	16.27	<=38.45	Pass
64QAM	821.5	1	0	21.00	-3.00	15.85	<=38.45	Pass
			38	21.04	-3.00	15.89	<=38.45	Pass
			74	21.02	-3.00	15.87	<=38.45	Pass
		36	0	19.97	-3.00	14.82	<=38.45	Pass
			18	19.97	-3.00	14.82	<=38.45	Pass
			39	19.96	-3.00	14.81	<=38.45	Pass
	75	0	19.94	-3.00	14.79	<=38.45	Pass	
	831.5	1	0	21.04	-3.00	15.89	<=38.45	Pass
			38	21.05	-3.00	15.90	<=38.45	Pass
			74	21.10	-3.00	15.95	<=38.45	Pass
		36	0	20.01	-3.00	14.86	<=38.45	Pass
			18	20.02	-3.00	14.87	<=38.45	Pass
			39	20.01	-3.00	14.86	<=38.45	Pass
	75	0	20.02	-3.00	14.87	<=38.45	Pass	
	841.5	1	0	21.41	-3.00	16.26	<=38.45	Pass
			38	21.43	-3.00	16.28	<=38.45	Pass
			74	21.42	-3.00	16.27	<=38.45	Pass
		36	0	21.43	-3.00	16.28	<=38.45	Pass
18			21.42	-3.00	16.27	<=38.45	Pass	
39			21.42	-3.00	16.27	<=38.45	Pass	
75	0	21.42	-3.00	16.27	<=38.45	Pass		
256QAM	821.5	1	0	17.74	-3.00	12.59	<=38.45	Pass
			38	17.77	-3.00	12.62	<=38.45	Pass
			74	17.81	-3.00	12.66	<=38.45	Pass
		36	0	17.89	-3.00	12.74	<=38.45	Pass
			18	17.92	-3.00	12.77	<=38.45	Pass
			39	17.92	-3.00	12.77	<=38.45	Pass
	75	0	17.94	-3.00	12.79	<=38.45	Pass	
	831.5	1	0	17.81	-3.00	12.66	<=38.45	Pass
			38	17.84	-3.00	12.69	<=38.45	Pass
			74	17.87	-3.00	12.72	<=38.45	Pass
		36	0	17.96	-3.00	12.81	<=38.45	Pass
			18	17.95	-3.00	12.80	<=38.45	Pass
			39	17.96	-3.00	12.81	<=38.45	Pass
	75	0	17.99	-3.00	12.84	<=38.45	Pass	
	841.5	1	0	18.38	-3.00	13.23	<=38.45	Pass
			38	18.38	-3.00	13.23	<=38.45	Pass
			74	18.46	-3.00	13.31	<=38.45	Pass
		36	0	18.04	-3.00	12.89	<=38.45	Pass
18			18.06	-3.00	12.91	<=38.45	Pass	
39			18.11	-3.00	12.96	<=38.45	Pass	
75	0	18.10	-3.00	12.95	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 B26_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	3.4	-1.574	-0.0019	-2.5 to 2.5	Pass	
					3.8	0.129	0.0002	-2.5 to 2.5	Pass	
					4.4	-2.518	-0.0031	-2.5 to 2.5	Pass	
				-30	3.8	-2.046	-0.0025	-2.5 to 2.5	Pass	
					-20	3.8	-1.330	-0.0016	-2.5 to 2.5	Pass
					-10	3.8	-2.947	-0.0036	-2.5 to 2.5	Pass
				0	0	3.8	-2.861	-0.0035	-2.5 to 2.5	Pass
					10	3.8	-4.106	-0.0050	-2.5 to 2.5	Pass
					30	3.8	-0.887	-0.0011	-2.5 to 2.5	Pass
					40	3.8	-2.260	-0.0027	-2.5 to 2.5	Pass
	50	3.8	-5.221		-0.0063	-2.5 to 2.5	Pass			
	836.5	6	0		20	3.4	1.760	0.0021	-2.5 to 2.5	Pass
						3.8	-2.661	-0.0032	-2.5 to 2.5	Pass
				4.4		-4.578	-0.0055	-2.5 to 2.5	Pass	
				-30	3.8	-6.094	-0.0073	-2.5 to 2.5	Pass	
					-20	3.8	-2.232	-0.0027	-2.5 to 2.5	Pass
					-10	3.8	-7.482	-0.0089	-2.5 to 2.5	Pass
				0	0	3.8	-1.001	-0.0012	-2.5 to 2.5	Pass
					10	3.8	-2.532	-0.0030	-2.5 to 2.5	Pass
					30	3.8	-3.276	-0.0039	-2.5 to 2.5	Pass
					40	3.8	-5.178	-0.0062	-2.5 to 2.5	Pass
	50	3.8	-2.847		-0.0034	-2.5 to 2.5	Pass			
	848.3	6	0		20	3.4	-0.644	-0.0008	-2.5 to 2.5	Pass
						3.8	-1.488	-0.0018	-2.5 to 2.5	Pass
				4.4		-0.730	-0.0009	-2.5 to 2.5	Pass	
				-30	3.8	-0.114	-0.0001	-2.5 to 2.5	Pass	
					-20	3.8	-1.059	-0.0012	-2.5 to 2.5	Pass
					-10	3.8	-3.591	-0.0042	-2.5 to 2.5	Pass
				0	0	3.8	-5.178	-0.0061	-2.5 to 2.5	Pass
					10	3.8	-3.018	-0.0036	-2.5 to 2.5	Pass
30					3.8	-2.575	-0.0030	-2.5 to 2.5	Pass	
40					3.8	-3.633	-0.0043	-2.5 to 2.5	Pass	
50	3.8	-5.679	-0.0067		-2.5 to 2.5	Pass				
16QAM	824.7	6	0		20	3.4	-4.578	-0.0056	-2.5 to 2.5	Pass
						3.8	-2.217	-0.0027	-2.5 to 2.5	Pass
				4.4		-2.561	-0.0031	-2.5 to 2.5	Pass	
				-30	3.8	-0.858	-0.0010	-2.5 to 2.5	Pass	



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64QAM	836.5	6	0	-20	3.8	-8.111	-0.0098	-2.5 to 2.5	Pass			
				-10	3.8	-5.493	-0.0067	-2.5 to 2.5	Pass			
				0	3.8	-7.424	-0.0090	-2.5 to 2.5	Pass			
				10	3.8	-5.150	-0.0062	-2.5 to 2.5	Pass			
				30	3.8	-3.934	-0.0048	-2.5 to 2.5	Pass			
				40	3.8	-6.881	-0.0083	-2.5 to 2.5	Pass			
				50	3.8	-1.202	-0.0015	-2.5 to 2.5	Pass			
	848.3	6	0	20	3.4	-1.330	-0.0016	-2.5 to 2.5	Pass			
					3.8	-4.621	-0.0055	-2.5 to 2.5	Pass			
					4.4	-4.220	-0.0050	-2.5 to 2.5	Pass			
				-30	3.8	-2.818	-0.0034	-2.5 to 2.5	Pass			
				-20	3.8	-4.220	-0.0050	-2.5 to 2.5	Pass			
				-10	3.8	-6.309	-0.0075	-2.5 to 2.5	Pass			
				0	3.8	-3.848	-0.0046	-2.5 to 2.5	Pass			
				10	3.8	-4.420	-0.0053	-2.5 to 2.5	Pass			
				30	3.8	-2.861	-0.0034	-2.5 to 2.5	Pass			
				40	3.8	-7.110	-0.0085	-2.5 to 2.5	Pass			
				50	3.8	-3.991	-0.0048	-2.5 to 2.5	Pass			
				824.7	6	0	20	3.4	-3.362	-0.0040	-2.5 to 2.5	Pass
								3.8	-3.490	-0.0041	-2.5 to 2.5	Pass
								4.4	-2.360	-0.0028	-2.5 to 2.5	Pass
	-30	3.8	-2.632				-0.0031	-2.5 to 2.5	Pass			
	-20	3.8	-7.024				-0.0083	-2.5 to 2.5	Pass			
	-10	3.8	-4.406				-0.0052	-2.5 to 2.5	Pass			
	0	3.8	-4.549				-0.0054	-2.5 to 2.5	Pass			
	10	3.8	-4.907				-0.0058	-2.5 to 2.5	Pass			
	30	3.8	-2.375				-0.0028	-2.5 to 2.5	Pass			
	40	3.8	-2.546				-0.0030	-2.5 to 2.5	Pass			
50	3.8	-2.918	-0.0034				-2.5 to 2.5	Pass				
836.5	6	0	20	3.4	-5.193	-0.0063	-2.5 to 2.5	Pass				
				3.8	-1.373	-0.0017	-2.5 to 2.5	Pass				
				4.4	-2.089	-0.0025	-2.5 to 2.5	Pass				
			-30	3.8	-4.063	-0.0049	-2.5 to 2.5	Pass				
			-20	3.8	-1.173	-0.0014	-2.5 to 2.5	Pass				
			-10	3.8	-3.648	-0.0044	-2.5 to 2.5	Pass				
			0	3.8	0.000	0.0000	-2.5 to 2.5	Pass				
			10	3.8	-3.920	-0.0048	-2.5 to 2.5	Pass				
			30	3.8	-4.048	-0.0049	-2.5 to 2.5	Pass				
			40	3.8	-5.822	-0.0071	-2.5 to 2.5	Pass				
			50	3.8	-5.822	-0.0071	-2.5 to 2.5	Pass				
			836.5	6	0	20	3.4	-1.345	-0.0016	-2.5 to 2.5	Pass	
							3.8	-4.563	-0.0055	-2.5 to 2.5	Pass	
							4.4	-3.376	-0.0040	-2.5 to 2.5	Pass	
-30	3.8	-3.304				-0.0039	-2.5 to 2.5	Pass				
-20	3.8	-9.599				-0.0115	-2.5 to 2.5	Pass				
-10	3.8	-3.090				-0.0037	-2.5 to 2.5	Pass				
0	3.8	-3.676				-0.0044	-2.5 to 2.5	Pass				
10	3.8	-3.591	-0.0043	-2.5 to 2.5	Pass							



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				30	3.8	-6.351	-0.0076	-2.5 to 2.5	Pass			
				40	3.8	-2.475	-0.0030	-2.5 to 2.5	Pass			
				50	3.8	-2.189	-0.0026	-2.5 to 2.5	Pass			
				20	3.4	-6.080	-0.0072	-2.5 to 2.5	Pass			
					3.8	-4.649	-0.0055	-2.5 to 2.5	Pass			
					4.4	-4.034	-0.0048	-2.5 to 2.5	Pass			
				-30	3.8	-0.629	-0.0007	-2.5 to 2.5	Pass			
				-20	3.8	-1.659	-0.0020	-2.5 to 2.5	Pass			
				-10	3.8	-2.904	-0.0034	-2.5 to 2.5	Pass			
				0	3.8	-2.904	-0.0034	-2.5 to 2.5	Pass			
				10	3.8	-2.375	-0.0028	-2.5 to 2.5	Pass			
				30	3.8	-2.804	-0.0033	-2.5 to 2.5	Pass			
				40	3.8	-3.119	-0.0037	-2.5 to 2.5	Pass			
50	3.8	-4.764	-0.0056	-2.5 to 2.5	Pass							
256QAM	824.7	6	0	20	3.4	-3.119	-0.0038	-2.5 to 2.5	Pass			
					3.8	-7.167	-0.0087	-2.5 to 2.5	Pass			
					4.4	-1.216	-0.0015	-2.5 to 2.5	Pass			
				-30	3.8	-5.107	-0.0062	-2.5 to 2.5	Pass			
				-20	3.8	-6.852	-0.0083	-2.5 to 2.5	Pass			
				-10	3.8	-6.609	-0.0080	-2.5 to 2.5	Pass			
				0	3.8	-1.588	-0.0019	-2.5 to 2.5	Pass			
				10	3.8	-6.623	-0.0080	-2.5 to 2.5	Pass			
				30	3.8	-5.608	-0.0068	-2.5 to 2.5	Pass			
				40	3.8	-5.350	-0.0065	-2.5 to 2.5	Pass			
				50	3.8	-5.221	-0.0063	-2.5 to 2.5	Pass			
				836.5	6	0	20	3.4	-8.411	-0.0101	-2.5 to 2.5	Pass
								3.8	-4.020	-0.0048	-2.5 to 2.5	Pass
4.4	-1.831	-0.0022	-2.5 to 2.5					Pass				
-30	3.8	-4.764	-0.0057				-2.5 to 2.5	Pass				
-20	3.8	-4.864	-0.0058				-2.5 to 2.5	Pass				
-10	3.8	-7.024	-0.0084				-2.5 to 2.5	Pass				
0	3.8	-1.616	-0.0019				-2.5 to 2.5	Pass				
10	3.8	-1.931	-0.0023				-2.5 to 2.5	Pass				
30	3.8	-1.373	-0.0016				-2.5 to 2.5	Pass				
40	3.8	-0.043	-0.0001				-2.5 to 2.5	Pass				
50	3.8	-5.879	-0.0070	-2.5 to 2.5	Pass							
848.3	6	0	20	3.4	-3.090	-0.0036	-2.5 to 2.5	Pass				
				3.8	0.157	0.0002	-2.5 to 2.5	Pass				
				4.4	0.544	0.0006	-2.5 to 2.5	Pass				
			-30	3.8	8.569	0.0101	-2.5 to 2.5	Pass				
			-20	3.8	0.072	0.0001	-2.5 to 2.5	Pass				
			-10	3.8	0.486	0.0006	-2.5 to 2.5	Pass				
			0	3.8	0.672	0.0008	-2.5 to 2.5	Pass				
			10	3.8	3.476	0.0041	-2.5 to 2.5	Pass				
			30	3.8	-0.057	-0.0001	-2.5 to 2.5	Pass				
			40	3.8	-1.316	-0.0016	-2.5 to 2.5	Pass				
50	3.8	-1.817	-0.0021	-2.5 to 2.5	Pass							



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2.2 B26_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	3.4	-2.275	-0.0028	-2.5 to 2.5	Pass			
					3.8	1.731	0.0021	-2.5 to 2.5	Pass			
					4.4	0.830	0.0010	-2.5 to 2.5	Pass			
				-30	3.8	-1.230	-0.0015	-2.5 to 2.5	Pass			
					-20	3.8	-6.366	-0.0077	-2.5 to 2.5	Pass		
						3.8	0.014	0.0000	-2.5 to 2.5	Pass		
				0	3.8	-1.216	-0.0015	-2.5 to 2.5	Pass			
					3.8	0.014	0.0000	-2.5 to 2.5	Pass			
				10	3.8	-0.186	-0.0002	-2.5 to 2.5	Pass			
					3.8	-0.329	-0.0004	-2.5 to 2.5	Pass			
				50	3.8	0.858	0.0010	-2.5 to 2.5	Pass			
					3.8	0.257	0.0003	-2.5 to 2.5	Pass			
				836.5	15	0	20	3.8	-5.693	-0.0068	-2.5 to 2.5	Pass
								4.4	-2.146	-0.0026	-2.5 to 2.5	Pass
								3.8	-7.567	-0.0090	-2.5 to 2.5	Pass
	-30	3.8	-5.093				-0.0061	-2.5 to 2.5	Pass			
		-20	3.8				-3.233	-0.0039	-2.5 to 2.5	Pass		
	0		3.8				-6.194	-0.0074	-2.5 to 2.5	Pass		
		10	3.8				-3.619	-0.0043	-2.5 to 2.5	Pass		
	30		3.8				-5.064	-0.0061	-2.5 to 2.5	Pass		
		40	3.8				-4.191	-0.0050	-2.5 to 2.5	Pass		
	50		3.8				-4.935	-0.0059	-2.5 to 2.5	Pass		
		847.5	15				0	20	3.4	8.912	0.0105	-2.5 to 2.5
	3.8								3.319	0.0039	-2.5 to 2.5	Pass
	4.4			1.488	0.0018	-2.5 to 2.5			Pass			
	-30			3.8	-1.988	-0.0023		-2.5 to 2.5	Pass			
				-20	3.8	-1.917		-0.0023	-2.5 to 2.5	Pass		
-10	3.8				-0.143	-0.0002		-2.5 to 2.5	Pass			
	0			3.8	0.215	0.0003		-2.5 to 2.5	Pass			
10				3.8	0.973	0.0011		-2.5 to 2.5	Pass			
	30			3.8	-0.458	-0.0005		-2.5 to 2.5	Pass			
40				3.8	0.501	0.0006		-2.5 to 2.5	Pass			
	50			3.8	-1.016	-0.0012		-2.5 to 2.5	Pass			
16QAM				825.5	15	0		20	3.4	0.486	0.0006	-2.5 to 2.5
	3.8								-1.187	-0.0014	-2.5 to 2.5	Pass
	4.4								-2.446	-0.0030	-2.5 to 2.5	Pass
	-30							3.8	-2.146	-0.0026	-2.5 to 2.5	Pass
		-20	3.8				-1.030	-0.0012	-2.5 to 2.5	Pass		
	-10		3.8				-0.329	-0.0004	-2.5 to 2.5	Pass		
		0	3.8				2.089	0.0025	-2.5 to 2.5	Pass		



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64QAM	836.5	15	0	10	3.8	-0.758	-0.0009	-2.5 to 2.5	Pass
				30	3.8	-2.389	-0.0029	-2.5 to 2.5	Pass
				40	3.8	0.801	0.0010	-2.5 to 2.5	Pass
				50	3.8	-3.462	-0.0042	-2.5 to 2.5	Pass
				20	3.4	-5.450	-0.0065	-2.5 to 2.5	Pass
					3.8	-3.433	-0.0041	-2.5 to 2.5	Pass
					4.4	-1.817	-0.0022	-2.5 to 2.5	Pass
				-30	3.8	-1.016	-0.0012	-2.5 to 2.5	Pass
				-20	3.8	-3.805	-0.0045	-2.5 to 2.5	Pass
				-10	3.8	-2.632	-0.0031	-2.5 to 2.5	Pass
				0	3.8	-6.623	-0.0079	-2.5 to 2.5	Pass
				10	3.8	-2.389	-0.0029	-2.5 to 2.5	Pass
	30	3.8	-4.649	-0.0056	-2.5 to 2.5	Pass			
	40	3.8	-0.830	-0.0010	-2.5 to 2.5	Pass			
	50	3.8	-3.877	-0.0046	-2.5 to 2.5	Pass			
	847.5	15	0	20	3.4	-4.864	-0.0057	-2.5 to 2.5	Pass
					3.8	-0.315	-0.0004	-2.5 to 2.5	Pass
					4.4	-0.758	-0.0009	-2.5 to 2.5	Pass
				-30	3.8	-3.347	-0.0039	-2.5 to 2.5	Pass
				-20	3.8	-5.221	-0.0062	-2.5 to 2.5	Pass
				-10	3.8	-2.718	-0.0032	-2.5 to 2.5	Pass
				0	3.8	-2.890	-0.0034	-2.5 to 2.5	Pass
				10	3.8	-1.373	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-5.465	-0.0064	-2.5 to 2.5	Pass
				40	3.8	-2.990	-0.0035	-2.5 to 2.5	Pass
				50	3.8	-4.478	-0.0053	-2.5 to 2.5	Pass
				825.5	15	0	20	3.4	-4.206
	3.8	-3.061	-0.0037					-2.5 to 2.5	Pass
	4.4	-1.516	-0.0018					-2.5 to 2.5	Pass
	-30	3.8	-1.030				-0.0012	-2.5 to 2.5	Pass
	-20	3.8	0.129				0.0002	-2.5 to 2.5	Pass
	-10	3.8	-1.888				-0.0023	-2.5 to 2.5	Pass
	0	3.8	-1.445				-0.0018	-2.5 to 2.5	Pass
	10	3.8	-0.100				-0.0001	-2.5 to 2.5	Pass
	30	3.8	-2.933				-0.0036	-2.5 to 2.5	Pass
	40	3.8	-5.264				-0.0064	-2.5 to 2.5	Pass
50	3.8	0.401	0.0005				-2.5 to 2.5	Pass	
836.5	15	0	20				3.4	-2.275	-0.0027
				3.8	-2.289	-0.0027	-2.5 to 2.5	Pass	
				4.4	-1.788	-0.0021	-2.5 to 2.5	Pass	
			-30	3.8	-1.001	-0.0012	-2.5 to 2.5	Pass	
			-20	3.8	-4.263	-0.0051	-2.5 to 2.5	Pass	
			-10	3.8	0.057	0.0001	-2.5 to 2.5	Pass	
			0	3.8	-2.789	-0.0033	-2.5 to 2.5	Pass	
			10	3.8	-0.458	-0.0005	-2.5 to 2.5	Pass	
			30	3.8	-1.802	-0.0022	-2.5 to 2.5	Pass	
			40	3.8	-2.875	-0.0034	-2.5 to 2.5	Pass	
			50	3.8	-4.592	-0.0055	-2.5 to 2.5	Pass	



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	847.5	15	0	20	3.4	-3.505	-0.0041	-2.5 to 2.5	Pass									
					3.8	0.129	0.0002	-2.5 to 2.5	Pass									
					4.4	-2.460	-0.0029	-2.5 to 2.5	Pass									
									-30	3.8	-4.892	-0.0058	-2.5 to 2.5	Pass				
									-20	3.8	-3.419	-0.0040	-2.5 to 2.5	Pass				
									-10	3.8	-2.275	-0.0027	-2.5 to 2.5	Pass				
									0	3.8	-3.276	-0.0039	-2.5 to 2.5	Pass				
									10	3.8	1.059	0.0012	-2.5 to 2.5	Pass				
									30	3.8	-0.744	-0.0009	-2.5 to 2.5	Pass				
									40	3.8	-2.861	-0.0034	-2.5 to 2.5	Pass				
									50	3.8	-0.858	-0.0010	-2.5 to 2.5	Pass				
									256QAM	825.5	15	0	20	3.4	-1.559	-0.0019	-2.5 to 2.5	Pass
														3.8	-1.760	-0.0021	-2.5 to 2.5	Pass
4.4	-3.276	-0.0040	-2.5 to 2.5	Pass														
					-30	3.8	-3.161	-0.0038					-2.5 to 2.5	Pass				
					-20	3.8	-3.390	-0.0041					-2.5 to 2.5	Pass				
					-10	3.8	-1.187	-0.0014					-2.5 to 2.5	Pass				
					0	3.8	-1.030	-0.0012					-2.5 to 2.5	Pass				
					10	3.8	-3.676	-0.0045					-2.5 to 2.5	Pass				
					30	3.8	-4.420	-0.0054					-2.5 to 2.5	Pass				
					40	3.8	-1.688	-0.0020					-2.5 to 2.5	Pass				
					50	3.8	-2.532	-0.0031		-2.5 to 2.5	Pass							
						836.5	15	0		20	3.4	-10.829	-0.0129	-2.5 to 2.5	Pass			
											3.8	-2.503	-0.0030	-2.5 to 2.5	Pass			
4.4	0.858	0.0010	-2.5 to 2.5	Pass														
					-30	3.8	1.001	0.0012	-2.5 to 2.5	Pass								
					-20	3.8	-2.317	-0.0028	-2.5 to 2.5	Pass								
					-10	3.8	1.287	0.0015	-2.5 to 2.5	Pass								
					0	3.8	-5.794	-0.0069	-2.5 to 2.5	Pass								
					10	3.8	-1.101	-0.0013	-2.5 to 2.5	Pass								
					30	3.8	-2.418	-0.0029	-2.5 to 2.5	Pass								
					40	3.8	-4.449	-0.0053	-2.5 to 2.5	Pass								
					50	3.8	-0.243	-0.0003	-2.5 to 2.5	Pass								
						847.5	15	0	20	3.4	-6.638	-0.0078	-2.5 to 2.5	Pass				
										3.8	-2.460	-0.0029	-2.5 to 2.5	Pass				
4.4	-2.160	-0.0025	-2.5 to 2.5	Pass														
									-30	3.8	-2.933	-0.0035	-2.5 to 2.5	Pass				
									-20	3.8	-0.687	-0.0008	-2.5 to 2.5	Pass				
									-10	3.8	-2.003	-0.0024	-2.5 to 2.5	Pass				
									0	3.8	10.214	0.0121	-2.5 to 2.5	Pass				
									10	3.8	-1.044	-0.0012	-2.5 to 2.5	Pass				
									30	3.8	-5.665	-0.0067	-2.5 to 2.5	Pass				
									40	3.8	-4.191	-0.0049	-2.5 to 2.5	Pass				
50	3.8	-0.501	-0.0006	-2.5 to 2.5	Pass													



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2.3 B26_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	3.4	-2.346	-0.0028	-2.5 to 2.5	Pass			
					3.8	-2.117	-0.0026	-2.5 to 2.5	Pass			
					4.4	0.486	0.0006	-2.5 to 2.5	Pass			
				-30	3.8	1.202	0.0015	-2.5 to 2.5	Pass			
					-20	3.8	-2.089	-0.0025	-2.5 to 2.5	Pass		
						3.8	-2.046	-0.0025	-2.5 to 2.5	Pass		
				0	3.8	0.343	0.0004	-2.5 to 2.5	Pass			
					3.8	-3.805	-0.0046	-2.5 to 2.5	Pass			
				10	3.8	-1.845	-0.0022	-2.5 to 2.5	Pass			
					3.8	0.243	0.0003	-2.5 to 2.5	Pass			
				30	3.8	-1.230	-0.0015	-2.5 to 2.5	Pass			
					3.8	1.760	0.0021	-2.5 to 2.5	Pass			
				836.5	25	0	20	3.8	-1.230	-0.0015	-2.5 to 2.5	Pass
								4.4	1.502	0.0018	-2.5 to 2.5	Pass
								-30	3.8	-1.545	-0.0018	-2.5 to 2.5
	-20	3.8	-1.888				-0.0023	-2.5 to 2.5	Pass			
		3.8	-0.558				-0.0007	-2.5 to 2.5	Pass			
	-10	3.8	-3.433				-0.0041	-2.5 to 2.5	Pass			
		3.8	-1.159				-0.0014	-2.5 to 2.5	Pass			
	0	3.8	-0.200				-0.0002	-2.5 to 2.5	Pass			
		3.8	-2.289				-0.0027	-2.5 to 2.5	Pass			
	10	3.8	1.302				0.0016	-2.5 to 2.5	Pass			
		3.8	-4.520				-0.0053	-2.5 to 2.5	Pass			
	846.5	25	0				20	3.8	0.501	0.0006	-2.5 to 2.5	Pass
								4.4	-1.831	-0.0022	-2.5 to 2.5	Pass
								-30	3.8	0.529	0.0006	-2.5 to 2.5
							-20	3.8	-0.472	-0.0006	-2.5 to 2.5	Pass
				3.8	-1.431	-0.0017		-2.5 to 2.5	Pass			
				-10	3.8	-1.888	-0.0022	-2.5 to 2.5	Pass			
					3.8	-0.372	-0.0004	-2.5 to 2.5	Pass			
0				3.8	-0.486	-0.0006	-2.5 to 2.5	Pass				
				3.8	-1.259	-0.0015	-2.5 to 2.5	Pass				
10				3.8	-1.960	-0.0023	-2.5 to 2.5	Pass				
				3.8	-1.960	-0.0023	-2.5 to 2.5	Pass				
16QAM				826.5	25	0	20	3.4	-2.160	-0.0026	-2.5 to 2.5	Pass
								3.8	-5.164	-0.0062	-2.5 to 2.5	Pass
								4.4	-2.704	-0.0033	-2.5 to 2.5	Pass
							-30	3.8	-4.234	-0.0051	-2.5 to 2.5	Pass
	3.8	-2.146	-0.0026					-2.5 to 2.5	Pass			
	-20	3.8	-2.418				-0.0029	-2.5 to 2.5	Pass			
		3.8	0.987				0.0012	-2.5 to 2.5	Pass			



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64QAM	836.5	25	0	10	3.8	-5.550	-0.0067	-2.5 to 2.5	Pass
				30	3.8	-4.377	-0.0053	-2.5 to 2.5	Pass
				40	3.8	-2.704	-0.0033	-2.5 to 2.5	Pass
				50	3.8	-3.090	-0.0037	-2.5 to 2.5	Pass
				20	3.4	-3.004	-0.0036	-2.5 to 2.5	Pass
					3.8	-3.748	-0.0045	-2.5 to 2.5	Pass
					4.4	-0.501	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-4.320	-0.0052	-2.5 to 2.5	Pass
				-20	3.8	-1.373	-0.0016	-2.5 to 2.5	Pass
				-10	3.8	-2.804	-0.0034	-2.5 to 2.5	Pass
				0	3.8	-4.206	-0.0050	-2.5 to 2.5	Pass
				10	3.8	-5.336	-0.0064	-2.5 to 2.5	Pass
	30	3.8	-3.090	-0.0037	-2.5 to 2.5	Pass			
	40	3.8	-2.947	-0.0035	-2.5 to 2.5	Pass			
	50	3.8	-8.039	-0.0096	-2.5 to 2.5	Pass			
	846.5	25	0	20	3.4	-2.518	-0.0030	-2.5 to 2.5	Pass
					3.8	-0.958	-0.0011	-2.5 to 2.5	Pass
					4.4	-1.802	-0.0021	-2.5 to 2.5	Pass
				-30	3.8	-8.140	-0.0096	-2.5 to 2.5	Pass
				-20	3.8	-0.386	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-7.010	-0.0083	-2.5 to 2.5	Pass
				0	3.8	-2.317	-0.0027	-2.5 to 2.5	Pass
				10	3.8	-3.347	-0.0040	-2.5 to 2.5	Pass
				30	3.8	-6.008	-0.0071	-2.5 to 2.5	Pass
				40	3.8	-3.390	-0.0040	-2.5 to 2.5	Pass
				50	3.8	-1.388	-0.0016	-2.5 to 2.5	Pass
				826.5	25	0	20	3.4	-2.804
	3.8	-0.072	-0.0001					-2.5 to 2.5	Pass
	4.4	-5.279	-0.0064					-2.5 to 2.5	Pass
	-30	3.8	-2.675				-0.0032	-2.5 to 2.5	Pass
	-20	3.8	-4.349				-0.0053	-2.5 to 2.5	Pass
	-10	3.8	-3.190				-0.0039	-2.5 to 2.5	Pass
	0	3.8	-3.877				-0.0047	-2.5 to 2.5	Pass
	10	3.8	-4.292				-0.0052	-2.5 to 2.5	Pass
	30	3.8	-0.815				-0.0010	-2.5 to 2.5	Pass
	40	3.8	-5.636				-0.0068	-2.5 to 2.5	Pass
50	3.8	-3.133	-0.0038				-2.5 to 2.5	Pass	
836.5	25	0	20				3.4	-0.830	-0.0010
				3.8	-0.415	-0.0005	-2.5 to 2.5	Pass	
				4.4	2.503	0.0030	-2.5 to 2.5	Pass	
			-30	3.8	0.143	0.0002	-2.5 to 2.5	Pass	
			-20	3.8	-3.519	-0.0042	-2.5 to 2.5	Pass	
			-10	3.8	-5.407	-0.0065	-2.5 to 2.5	Pass	
			0	3.8	-2.289	-0.0027	-2.5 to 2.5	Pass	
			10	3.8	-5.207	-0.0062	-2.5 to 2.5	Pass	
			30	3.8	-4.978	-0.0060	-2.5 to 2.5	Pass	
			40	3.8	1.588	0.0019	-2.5 to 2.5	Pass	
			50	3.8	-3.619	-0.0043	-2.5 to 2.5	Pass	



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	846.5	25	0	20	3.4	1.473	0.0017	-2.5 to 2.5	Pass					
					3.8	-1.702	-0.0020	-2.5 to 2.5	Pass					
					4.4	-3.147	-0.0037	-2.5 to 2.5	Pass					
				-30	3.8	-3.018	-0.0036	-2.5 to 2.5	Pass					
					-20	3.8	-4.263	-0.0050	-2.5 to 2.5	Pass				
					-10	3.8	-4.334	-0.0051	-2.5 to 2.5	Pass				
				0	0	3.8	-2.017	-0.0024	-2.5 to 2.5	Pass				
					10	3.8	-3.204	-0.0038	-2.5 to 2.5	Pass				
					30	3.8	-2.103	-0.0025	-2.5 to 2.5	Pass				
					40	3.8	-2.103	-0.0025	-2.5 to 2.5	Pass				
					50	3.8	-3.591	-0.0042	-2.5 to 2.5	Pass				
					256QAM	826.5	25	0	20	3.4	-5.279	-0.0064	-2.5 to 2.5	Pass
										3.8	-0.343	-0.0004	-2.5 to 2.5	Pass
4.4	-1.388	-0.0017	-2.5 to 2.5							Pass				
-30	3.8	-1.788	-0.0022	-2.5 to 2.5					Pass					
	-20	3.8	-4.492	-0.0054					-2.5 to 2.5	Pass				
	-10	3.8	-3.290	-0.0040					-2.5 to 2.5	Pass				
0	0	3.8	-1.273	-0.0015					-2.5 to 2.5	Pass				
	10	3.8	-3.276	-0.0040					-2.5 to 2.5	Pass				
	30	3.8	1.030	0.0012					-2.5 to 2.5	Pass				
	40	3.8	-1.130	-0.0014					-2.5 to 2.5	Pass				
	50	3.8	0.057	0.0001					-2.5 to 2.5	Pass				
	256QAM	836.5	25	0					20	3.4	-7.482	-0.0089	-2.5 to 2.5	Pass
										3.8	-3.548	-0.0042	-2.5 to 2.5	Pass
					4.4	-0.458	-0.0005	-2.5 to 2.5		Pass				
-30					3.8	-1.545	-0.0018	-2.5 to 2.5	Pass					
					-20	3.8	-3.390	-0.0041	-2.5 to 2.5	Pass				
					-10	3.8	-2.375	-0.0028	-2.5 to 2.5	Pass				
0					0	3.8	-8.011	-0.0096	-2.5 to 2.5	Pass				
					10	3.8	-4.535	-0.0054	-2.5 to 2.5	Pass				
					30	3.8	-2.875	-0.0034	-2.5 to 2.5	Pass				
					40	3.8	0.558	0.0007	-2.5 to 2.5	Pass				
					50	3.8	-3.877	-0.0046	-2.5 to 2.5	Pass				
					256QAM	846.5	25	0	20	3.4	-4.792	-0.0057	-2.5 to 2.5	Pass
										3.8	-3.719	-0.0044	-2.5 to 2.5	Pass
	4.4	0.043	0.0001	-2.5 to 2.5						Pass				
-30	3.8	-1.101	-0.0013	-2.5 to 2.5					Pass					
	-20	3.8	-3.676	-0.0043					-2.5 to 2.5	Pass				
	-10	3.8	-0.830	-0.0010					-2.5 to 2.5	Pass				
0	0	3.8	-3.877	-0.0046					-2.5 to 2.5	Pass				
	10	3.8	-4.535	-0.0054					-2.5 to 2.5	Pass				
	30	3.8	-2.775	-0.0033					-2.5 to 2.5	Pass				
	40	3.8	-1.087	-0.0013					-2.5 to 2.5	Pass				
	50	3.8	-2.847	-0.0034					-2.5 to 2.5	Pass				



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2.4 B26_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	3.4	0.544	0.0007	-2.5 to 2.5	Pass	
					3.8	-1.674	-0.0020	-2.5 to 2.5	Pass	
					4.4	-2.775	-0.0033	-2.5 to 2.5	Pass	
				-30	3.8	-2.389	-0.0029	-2.5 to 2.5	Pass	
					-20	3.8	-1.431	-0.0017	-2.5 to 2.5	Pass
					-10	3.8	-2.446	-0.0030	-2.5 to 2.5	Pass
				0	3.8	-3.362	-0.0041	-2.5 to 2.5	Pass	
					10	3.8	-2.961	-0.0036	-2.5 to 2.5	Pass
					30	3.8	-3.519	-0.0042	-2.5 to 2.5	Pass
	40	3.8	-1.616		-0.0019	-2.5 to 2.5	Pass			
	50	3.8	-1.087		-0.0013	-2.5 to 2.5	Pass			
	836.5	50	0		20	3.4	-2.174	-0.0026	-2.5 to 2.5	Pass
				3.8		-2.947	-0.0035	-2.5 to 2.5	Pass	
				4.4		-2.403	-0.0029	-2.5 to 2.5	Pass	
				-30	3.8	-3.548	-0.0042	-2.5 to 2.5	Pass	
					-20	3.8	-3.719	-0.0044	-2.5 to 2.5	Pass
					-10	3.8	-3.633	-0.0043	-2.5 to 2.5	Pass
				0	3.8	-3.104	-0.0037	-2.5 to 2.5	Pass	
					10	3.8	-3.004	-0.0036	-2.5 to 2.5	Pass
					30	3.8	-2.632	-0.0031	-2.5 to 2.5	Pass
	40	3.8	-5.322		-0.0064	-2.5 to 2.5	Pass			
	50	3.8	-3.104		-0.0037	-2.5 to 2.5	Pass			
	844	50	0		20	3.4	-2.546	-0.0030	-2.5 to 2.5	Pass
				3.8		-2.174	-0.0026	-2.5 to 2.5	Pass	
				4.4		-5.350	-0.0063	-2.5 to 2.5	Pass	
				-30	3.8	-3.662	-0.0043	-2.5 to 2.5	Pass	
					-20	3.8	-0.615	-0.0007	-2.5 to 2.5	Pass
-10					3.8	-1.416	-0.0017	-2.5 to 2.5	Pass	
0				3.8	-4.106	-0.0049	-2.5 to 2.5	Pass		
				10	3.8	-3.705	-0.0044	-2.5 to 2.5	Pass	
				30	3.8	-1.860	-0.0022	-2.5 to 2.5	Pass	
	40	3.8	0.257	0.0003	-2.5 to 2.5	Pass				
	50	3.8	-1.960	-0.0023	-2.5 to 2.5	Pass				
	16QAM	829	50	0	20	3.4	-2.589	-0.0031	-2.5 to 2.5	Pass
3.8						-3.719	-0.0045	-2.5 to 2.5	Pass	
4.4						-4.234	-0.0051	-2.5 to 2.5	Pass	
-30					3.8	-0.858	-0.0010	-2.5 to 2.5	Pass	
					-20	3.8	-3.920	-0.0047	-2.5 to 2.5	Pass
-10					3.8	-2.403	-0.0029	-2.5 to 2.5	Pass	
					0	3.8	-2.632	-0.0032	-2.5 to 2.5	Pass



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64QAM	836.5	50	0	10	3.8	-4.320	-0.0052	-2.5 to 2.5	Pass	
				30	3.8	-0.043	-0.0001	-2.5 to 2.5	Pass	
				40	3.8	-4.635	-0.0056	-2.5 to 2.5	Pass	
				50	3.8	-1.616	-0.0019	-2.5 to 2.5	Pass	
				20	3.4	-3.018	-0.0036	-2.5 to 2.5	Pass	
					3.8	-3.791	-0.0045	-2.5 to 2.5	Pass	
					4.4	-2.818	-0.0034	-2.5 to 2.5	Pass	
					-30	3.8	-3.963	-0.0047	-2.5 to 2.5	Pass
					-20	3.8	-1.960	-0.0023	-2.5 to 2.5	Pass
					-10	3.8	-2.818	-0.0034	-2.5 to 2.5	Pass
					0	3.8	-3.161	-0.0038	-2.5 to 2.5	Pass
					10	3.8	-1.817	-0.0022	-2.5 to 2.5	Pass
	30	3.8	-5.150		-0.0062	-2.5 to 2.5	Pass			
	40	3.8	-4.377		-0.0052	-2.5 to 2.5	Pass			
	50	3.8	-3.161		-0.0038	-2.5 to 2.5	Pass			
	844	50	0		20	3.4	-2.074	-0.0025	-2.5 to 2.5	Pass
				3.8		-2.260	-0.0027	-2.5 to 2.5	Pass	
				4.4		-4.435	-0.0053	-2.5 to 2.5	Pass	
				-30		3.8	-1.731	-0.0021	-2.5 to 2.5	Pass
				-20		3.8	-3.304	-0.0039	-2.5 to 2.5	Pass
				-10		3.8	-1.345	-0.0016	-2.5 to 2.5	Pass
				0		3.8	-2.890	-0.0034	-2.5 to 2.5	Pass
				10		3.8	-2.460	-0.0029	-2.5 to 2.5	Pass
				30		3.8	-4.649	-0.0055	-2.5 to 2.5	Pass
				40		3.8	-3.719	-0.0044	-2.5 to 2.5	Pass
				50		3.8	-3.290	-0.0039	-2.5 to 2.5	Pass
				829		50	0	20	3.4	-0.329
	3.8	-1.917	-0.0023		-2.5 to 2.5				Pass	
	4.4	-3.047	-0.0037		-2.5 to 2.5				Pass	
	-30	3.8	-1.287		-0.0016				-2.5 to 2.5	Pass
	-20	3.8	-1.903		-0.0023				-2.5 to 2.5	Pass
	-10	3.8	-0.429		-0.0005				-2.5 to 2.5	Pass
	0	3.8	-1.216		-0.0015				-2.5 to 2.5	Pass
10	3.8	-0.558	-0.0007		-2.5 to 2.5				Pass	
30	3.8	-0.973	-0.0012		-2.5 to 2.5				Pass	
40	3.8	-4.206	-0.0051		-2.5 to 2.5				Pass	
50	3.8	-2.203	-0.0027		-2.5 to 2.5				Pass	
836.5	50	0	20		3.4				-4.334	-0.0052
				3.8	-4.578	-0.0055	-2.5 to 2.5	Pass		
				4.4	-6.552	-0.0078	-2.5 to 2.5	Pass		
				-30	3.8	-5.407	-0.0065	-2.5 to 2.5	Pass	
				-20	3.8	-5.822	-0.0070	-2.5 to 2.5	Pass	
				-10	3.8	-2.317	-0.0028	-2.5 to 2.5	Pass	
				0	3.8	-6.566	-0.0078	-2.5 to 2.5	Pass	
				10	3.8	-3.777	-0.0045	-2.5 to 2.5	Pass	
				30	3.8	-5.994	-0.0072	-2.5 to 2.5	Pass	
				40	3.8	-3.762	-0.0045	-2.5 to 2.5	Pass	
				50	3.8	-4.592	-0.0055	-2.5 to 2.5	Pass	



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	844	50	0	20	3.4	-2.718	-0.0032	-2.5 to 2.5	Pass				
					3.8	-2.503	-0.0030	-2.5 to 2.5	Pass				
					4.4	-0.401	-0.0005	-2.5 to 2.5	Pass				
				-30	3.8	-3.562	-0.0042	-2.5 to 2.5	Pass				
					-20	3.8	-2.046	-0.0024	-2.5 to 2.5	Pass			
				-10	3.8	-2.246	-0.0027	-2.5 to 2.5	Pass				
				0	3.8	-2.532	-0.0030	-2.5 to 2.5	Pass				
				10	3.8	-1.960	-0.0023	-2.5 to 2.5	Pass				
				30	3.8	-3.877	-0.0046	-2.5 to 2.5	Pass				
				40	3.8	-2.146	-0.0025	-2.5 to 2.5	Pass				
				50	3.8	-3.133	-0.0037	-2.5 to 2.5	Pass				
				256QAM	829	50	0	20	3.4	0.329	0.0004	-2.5 to 2.5	Pass
									3.8	-3.133	-0.0038	-2.5 to 2.5	Pass
4.4	-3.347	-0.0040	-2.5 to 2.5						Pass				
-30	3.8	-2.832	-0.0034					-2.5 to 2.5	Pass				
	-20	3.8	-3.047					-0.0037	-2.5 to 2.5	Pass			
-10	3.8	-2.418	-0.0029					-2.5 to 2.5	Pass				
0	3.8	-3.333	-0.0040					-2.5 to 2.5	Pass				
10	3.8	-2.604	-0.0031					-2.5 to 2.5	Pass				
30	3.8	-2.904	-0.0035					-2.5 to 2.5	Pass				
40	3.8	-4.077	-0.0049					-2.5 to 2.5	Pass				
50	3.8	-2.604	-0.0031		-2.5 to 2.5	Pass							
836.5	50	0	20		3.4	-6.251	-0.0075	-2.5 to 2.5	Pass				
					3.8	-0.801	-0.0010	-2.5 to 2.5	Pass				
					4.4	-4.134	-0.0049	-2.5 to 2.5	Pass				
			-30		3.8	0.286	0.0003	-2.5 to 2.5	Pass				
					-20	3.8	-1.373	-0.0016	-2.5 to 2.5	Pass			
			-10		3.8	-3.777	-0.0045	-2.5 to 2.5	Pass				
			0		3.8	-0.286	-0.0003	-2.5 to 2.5	Pass				
			10		3.8	-4.992	-0.0060	-2.5 to 2.5	Pass				
			30	3.8	-3.033	-0.0036	-2.5 to 2.5	Pass					
40	3.8	-3.405	-0.0041	-2.5 to 2.5	Pass								
50	3.8	-1.917	-0.0023	-2.5 to 2.5	Pass								
844	50	0	20	3.4	-3.619	-0.0043	-2.5 to 2.5	Pass					
				3.8	-2.604	-0.0031	-2.5 to 2.5	Pass					
				4.4	-2.632	-0.0031	-2.5 to 2.5	Pass					
			-30	3.8	-3.905	-0.0046	-2.5 to 2.5	Pass					
				-20	3.8	-2.661	-0.0032	-2.5 to 2.5	Pass				
			-10	3.8	-2.990	-0.0035	-2.5 to 2.5	Pass					
			0	3.8	-2.432	-0.0029	-2.5 to 2.5	Pass					
			10	3.8	-1.760	-0.0021	-2.5 to 2.5	Pass					
			30	3.8	-0.372	-0.0004	-2.5 to 2.5	Pass					
			40	3.8	-3.390	-0.0040	-2.5 to 2.5	Pass					
50	3.8	-2.990	-0.0035	-2.5 to 2.5	Pass								



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2.5 B26_15MHz

2.5.1 Test Result

Band: 26c / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	821.5	75	0	20	3.4	-1.516	-0.0018	-2.5 to 2.5	Pass	
					3.8	-0.601	-0.0007	-2.5 to 2.5	Pass	
					4.4	-2.646	-0.0032	-2.5 to 2.5	Pass	
				-30	3.8	-1.931	-0.0024	-2.5 to 2.5	Pass	
					-20	3.8	-1.502	-0.0018	-2.5 to 2.5	Pass
					-10	3.8	-3.390	-0.0041	-2.5 to 2.5	Pass
				0	3.8	-2.518	-0.0031	-2.5 to 2.5	Pass	
					10	3.8	-1.574	-0.0019	-2.5 to 2.5	Pass
					30	3.8	-3.533	-0.0043	-2.5 to 2.5	Pass
	40	3.8	-2.174		-0.0026	-2.5 to 2.5	Pass			
	50	3.8	-2.489		-0.0030	-2.5 to 2.5	Pass			
	831.5	75	0		20	3.4	-6.666	-0.0080	-2.5 to 2.5	Pass
				3.8		-0.629	-0.0008	-2.5 to 2.5	Pass	
				4.4		-3.147	-0.0038	-2.5 to 2.5	Pass	
				-30	3.8	-4.506	-0.0054	-2.5 to 2.5	Pass	
					-20	3.8	-2.604	-0.0031	-2.5 to 2.5	Pass
					-10	3.8	-4.935	-0.0059	-2.5 to 2.5	Pass
				0	3.8	-3.862	-0.0046	-2.5 to 2.5	Pass	
					10	3.8	-2.031	-0.0024	-2.5 to 2.5	Pass
					30	3.8	-2.904	-0.0035	-2.5 to 2.5	Pass
	40	3.8	-3.576		-0.0043	-2.5 to 2.5	Pass			
	50	3.8	-2.818		-0.0034	-2.5 to 2.5	Pass			
	841.5	75	0		20	3.4	-0.772	-0.0009	-2.5 to 2.5	Pass
				3.8		-0.730	-0.0009	-2.5 to 2.5	Pass	
				4.4		-1.717	-0.0020	-2.5 to 2.5	Pass	
				-30	3.8	-2.918	-0.0035	-2.5 to 2.5	Pass	
					-20	3.8	-2.389	-0.0028	-2.5 to 2.5	Pass
-10					3.8	-0.143	-0.0002	-2.5 to 2.5	Pass	
0				3.8	-0.658	-0.0008	-2.5 to 2.5	Pass		
				10	3.8	-1.645	-0.0020	-2.5 to 2.5	Pass	
				30	3.8	-1.659	-0.0020	-2.5 to 2.5	Pass	
	40	3.8	-3.877	-0.0046	-2.5 to 2.5	Pass				
	50	3.8	-2.518	-0.0030	-2.5 to 2.5	Pass				
	16QAM	821.5	75	0	20	3.4	-2.031	-0.0025	-2.5 to 2.5	Pass
3.8						-2.575	-0.0031	-2.5 to 2.5	Pass	
4.4						-2.847	-0.0035	-2.5 to 2.5	Pass	
-30					3.8	-1.216	-0.0015	-2.5 to 2.5	Pass	
					-20	3.8	-2.446	-0.0030	-2.5 to 2.5	Pass
-10					3.8	-1.531	-0.0019	-2.5 to 2.5	Pass	
					0	3.8	-2.074	-0.0025	-2.5 to 2.5	Pass



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64QAM	831.5	75	0	10	3.8	-3.090	-0.0038	-2.5 to 2.5	Pass
				30	3.8	-1.445	-0.0018	-2.5 to 2.5	Pass
				40	3.8	-0.257	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-0.858	-0.0010	-2.5 to 2.5	Pass
				20	3.4	-4.563	-0.0055	-2.5 to 2.5	Pass
					3.8	-2.475	-0.0030	-2.5 to 2.5	Pass
					4.4	-2.460	-0.0030	-2.5 to 2.5	Pass
				-30	3.8	-0.987	-0.0012	-2.5 to 2.5	Pass
				-20	3.8	-2.375	-0.0029	-2.5 to 2.5	Pass
				-10	3.8	-1.760	-0.0021	-2.5 to 2.5	Pass
				0	3.8	-2.031	-0.0024	-2.5 to 2.5	Pass
				10	3.8	-5.364	-0.0065	-2.5 to 2.5	Pass
	30	3.8	-4.749	-0.0057	-2.5 to 2.5	Pass			
	40	3.8	-1.187	-0.0014	-2.5 to 2.5	Pass			
	50	3.8	-2.518	-0.0030	-2.5 to 2.5	Pass			
	841.5	75	0	20	3.4	-1.144	-0.0014	-2.5 to 2.5	Pass
					3.8	-4.406	-0.0052	-2.5 to 2.5	Pass
					4.4	0.186	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-2.189	-0.0026	-2.5 to 2.5	Pass
				-20	3.8	0.443	0.0005	-2.5 to 2.5	Pass
				-10	3.8	-2.789	-0.0033	-2.5 to 2.5	Pass
				0	3.8	-2.217	-0.0026	-2.5 to 2.5	Pass
				10	3.8	-0.901	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-2.346	-0.0028	-2.5 to 2.5	Pass
				40	3.8	-0.229	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-1.774	-0.0021	-2.5 to 2.5	Pass
				821.5	75	0	20	3.4	-1.702
	3.8	-2.990	-0.0036					-2.5 to 2.5	Pass
	4.4	-0.858	-0.0010					-2.5 to 2.5	Pass
	-30	3.8	-3.147				-0.0038	-2.5 to 2.5	Pass
	-20	3.8	-2.031				-0.0025	-2.5 to 2.5	Pass
	-10	3.8	-2.303				-0.0028	-2.5 to 2.5	Pass
0	3.8	-0.958	-0.0012				-2.5 to 2.5	Pass	
10	3.8	0.029	0.0000				-2.5 to 2.5	Pass	
30	3.8	-2.031	-0.0025				-2.5 to 2.5	Pass	
40	3.8	-0.615	-0.0007				-2.5 to 2.5	Pass	
50	3.8	-1.101	-0.0013				-2.5 to 2.5	Pass	
831.5	75	0	20				3.4	-4.234	-0.0051
				3.8	-3.233	-0.0039	-2.5 to 2.5	Pass	
				4.4	-3.920	-0.0047	-2.5 to 2.5	Pass	
			-30	3.8	-1.760	-0.0021	-2.5 to 2.5	Pass	
			-20	3.8	-2.947	-0.0035	-2.5 to 2.5	Pass	
			-10	3.8	-0.930	-0.0011	-2.5 to 2.5	Pass	
			0	3.8	-5.007	-0.0060	-2.5 to 2.5	Pass	
			10	3.8	-2.503	-0.0030	-2.5 to 2.5	Pass	
			30	3.8	-2.875	-0.0035	-2.5 to 2.5	Pass	
			40	3.8	-2.761	-0.0033	-2.5 to 2.5	Pass	
			50	3.8	-1.731	-0.0021	-2.5 to 2.5	Pass	



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	841.5	75	0	20	3.4	-1.202	-0.0014	-2.5 to 2.5	Pass					
					3.8	-2.189	-0.0026	-2.5 to 2.5	Pass					
					4.4	-2.518	-0.0030	-2.5 to 2.5	Pass					
				-30	3.8	0.086	0.0001	-2.5 to 2.5	Pass					
					-20	3.8	-1.473	-0.0018	-2.5 to 2.5	Pass				
					-10	3.8	-2.117	-0.0025	-2.5 to 2.5	Pass				
				0	0	3.8	-0.930	-0.0011	-2.5 to 2.5	Pass				
					10	3.8	0.143	0.0002	-2.5 to 2.5	Pass				
					30	3.8	0.386	0.0005	-2.5 to 2.5	Pass				
					40	3.8	-2.275	-0.0027	-2.5 to 2.5	Pass				
					50	3.8	0.329	0.0004	-2.5 to 2.5	Pass				
					256QAM	821.5	75	0	20	3.4	-0.157	-0.0002	-2.5 to 2.5	Pass
										3.8	-2.561	-0.0031	-2.5 to 2.5	Pass
										4.4	-5.736	-0.0070	-2.5 to 2.5	Pass
-30	3.8	-2.518	-0.0031	-2.5 to 2.5					Pass					
	-20	3.8	-3.090	-0.0038					-2.5 to 2.5	Pass				
	-10	3.8	-1.431	-0.0017					-2.5 to 2.5	Pass				
0	0	3.8	-2.789	-0.0034					-2.5 to 2.5	Pass				
	10	3.8	-2.260	-0.0028					-2.5 to 2.5	Pass				
	30	3.8	-1.488	-0.0018					-2.5 to 2.5	Pass				
	40	3.8	-3.476	-0.0042					-2.5 to 2.5	Pass				
	50	3.8	-1.988	-0.0024					-2.5 to 2.5	Pass				
		831.5	75	0					20	3.4	-4.320	-0.0052	-2.5 to 2.5	Pass
										3.8	-4.206	-0.0051	-2.5 to 2.5	Pass
										4.4	-0.415	-0.0005	-2.5 to 2.5	Pass
-30					3.8	-3.834	-0.0046	-2.5 to 2.5	Pass					
					-20	3.8	-4.621	-0.0056	-2.5 to 2.5	Pass				
					-10	3.8	-4.492	-0.0054	-2.5 to 2.5	Pass				
0					0	3.8	-2.532	-0.0030	-2.5 to 2.5	Pass				
					10	3.8	-3.204	-0.0039	-2.5 to 2.5	Pass				
					30	3.8	-3.390	-0.0041	-2.5 to 2.5	Pass				
					40	3.8	-3.390	-0.0041	-2.5 to 2.5	Pass				
					50	3.8	-1.817	-0.0022	-2.5 to 2.5	Pass				
						841.5	75	0	20	3.4	-2.260	-0.0027	-2.5 to 2.5	Pass
										3.8	-0.372	-0.0004	-2.5 to 2.5	Pass
										4.4	-0.787	-0.0009	-2.5 to 2.5	Pass
-30	3.8	-2.804	-0.0033	-2.5 to 2.5					Pass					
	-20	3.8	-1.330	-0.0016					-2.5 to 2.5	Pass				
	-10	3.8	-1.044	-0.0012					-2.5 to 2.5	Pass				
0	0	3.8	-1.945	-0.0023					-2.5 to 2.5	Pass				
	10	3.8	-2.575	-0.0031					-2.5 to 2.5	Pass				
	30	3.8	-2.804	-0.0033					-2.5 to 2.5	Pass				
	40	3.8	-3.247	-0.0039					-2.5 to 2.5	Pass				
	50	3.8	0.815	0.0010					-2.5 to 2.5	Pass				



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3. 99% & 26dB Bandwidth

3.1 Band26_OBW

3.1.1 Test Result

Band: 26b / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.118	/	Pass
		836.5	6	0	1.115	/	Pass
		848.3	6	0	1.112	/	Pass
	16QAM	824.7	6	0	1.108	/	Pass
		836.5	6	0	1.105	/	Pass
		848.3	6	0	1.113	/	Pass
	64QAM	824.7	6	0	1.114	/	Pass
		836.5	6	0	1.118	/	Pass
		848.3	6	0	1.103	/	Pass
	256QAM	824.7	6	0	1.102	/	Pass
		836.5	6	0	1.111	/	Pass
		848.3	6	0	1.117	/	Pass
3	QPSK	825.5	15	0	2.738	/	Pass
		836.5	15	0	2.738	/	Pass
		847.5	15	0	2.732	/	Pass
	16QAM	825.5	15	0	2.739	/	Pass
		836.5	15	0	2.732	/	Pass
		847.5	15	0	2.731	/	Pass
	64QAM	825.5	15	0	2.743	/	Pass
		836.5	15	0	2.738	/	Pass
		847.5	15	0	2.725	/	Pass
	256QAM	825.5	15	0	2.735	/	Pass
		836.5	15	0	2.729	/	Pass
		847.5	15	0	2.732	/	Pass
5	QPSK	826.5	25	0	4.558	/	Pass
		836.5	25	0	4.543	/	Pass
		846.5	25	0	4.543	/	Pass
	16QAM	826.5	25	0	4.558	/	Pass
		836.5	25	0	4.541	/	Pass
		846.5	25	0	4.574	/	Pass
	64QAM	826.5	25	0	4.539	/	Pass
		836.5	25	0	4.536	/	Pass
		846.5	25	0	4.532	/	Pass
	256QAM	826.5	25	0	4.542	/	Pass
		836.5	25	0	4.558	/	Pass
		846.5	25	0	4.543	/	Pass
10	QPSK	829	50	0	9.070	/	Pass



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	16QAM	836.5	50	0	9.036	/	Pass	
		844	50	0	9.051	/	Pass	
		829	50	0	9.077	/	Pass	
	64QAM	836.5	50	0	9.020	/	Pass	
		844	50	0	9.028	/	Pass	
		829	50	0	9.065	/	Pass	
	256QAM	836.5	50	0	9.022	/	Pass	
		844	50	0	9.039	/	Pass	
		829	50	0	9.076	/	Pass	
			836.5	50	0	9.036	/	Pass
			844	50	0	9.053	/	Pass



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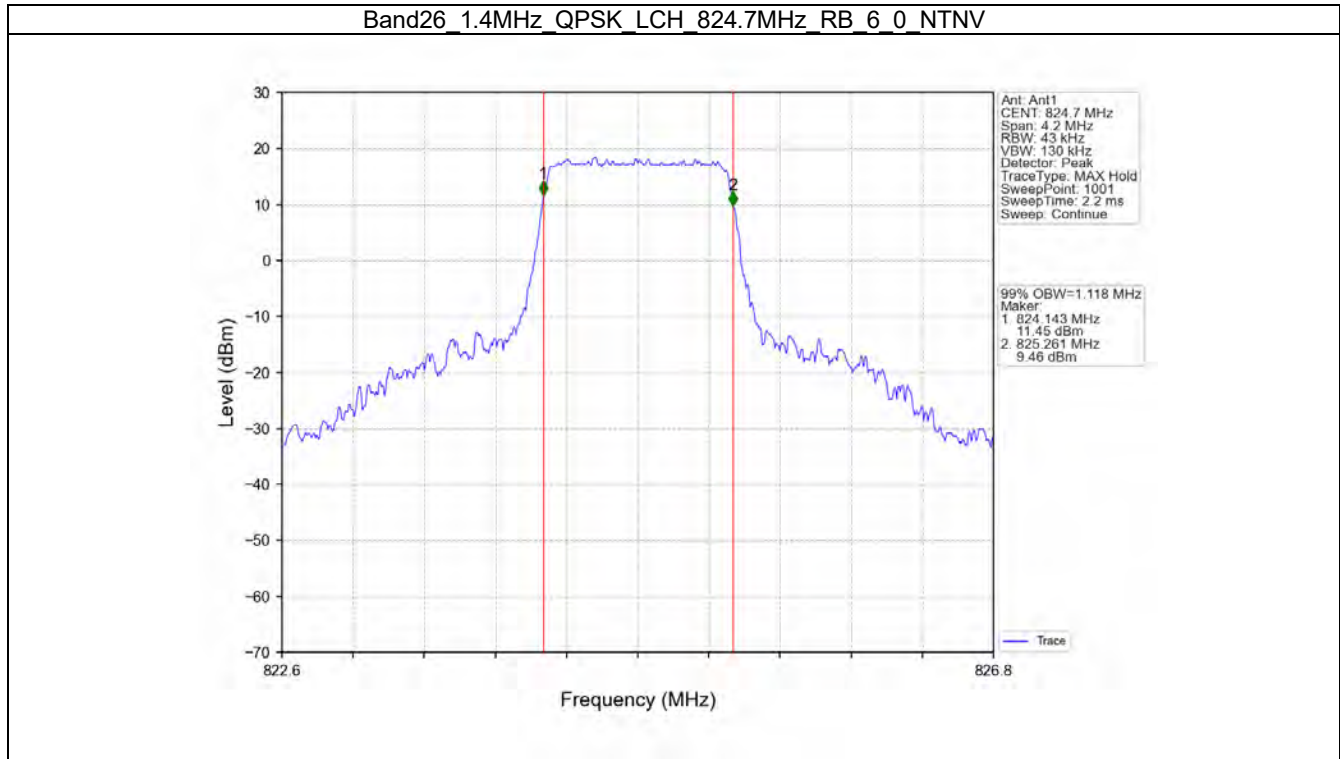
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3.1.2 Test Graph



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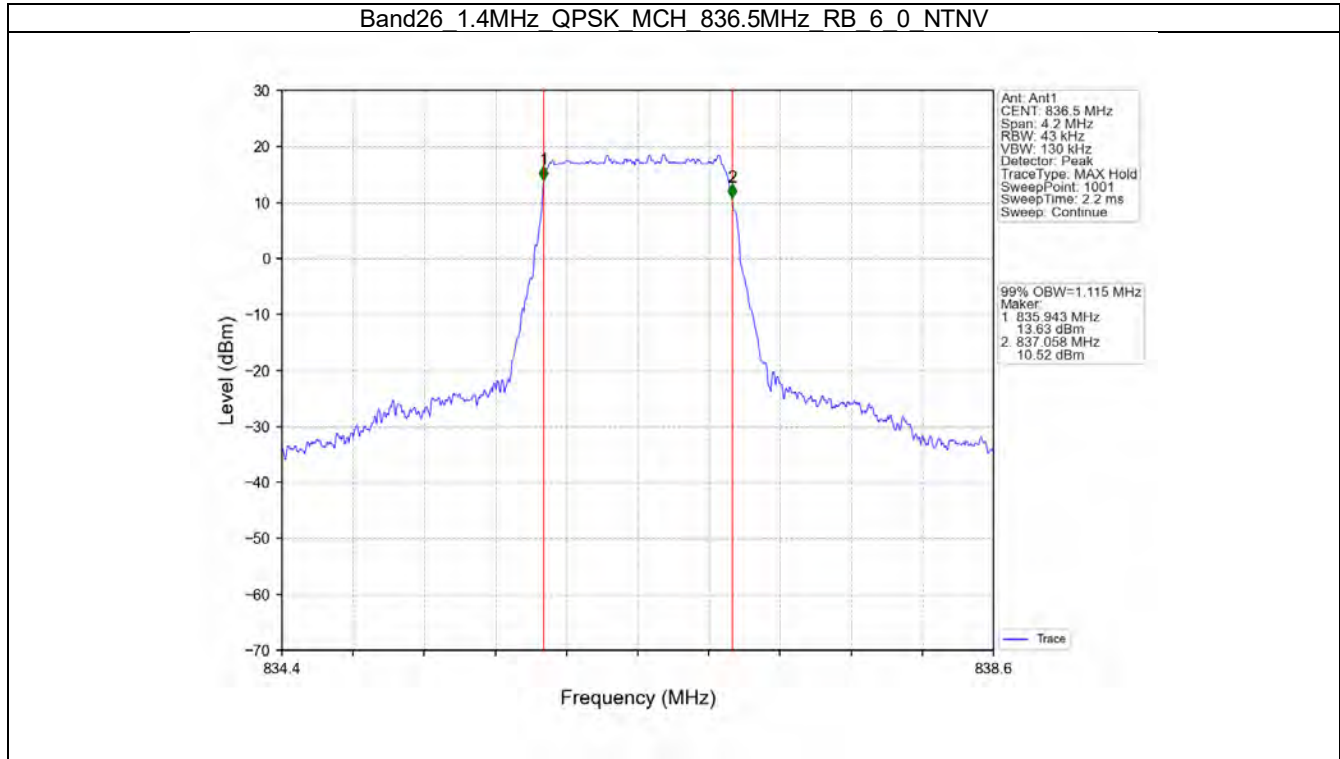
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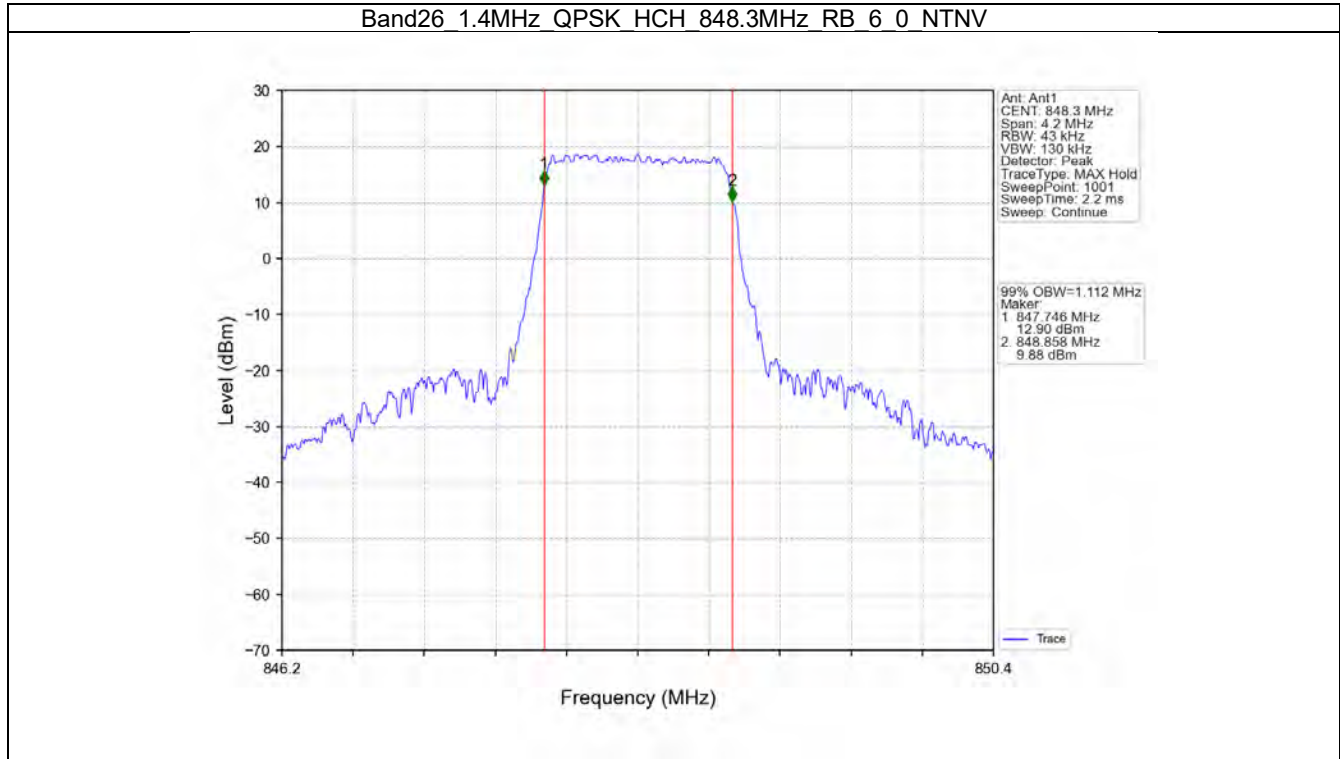
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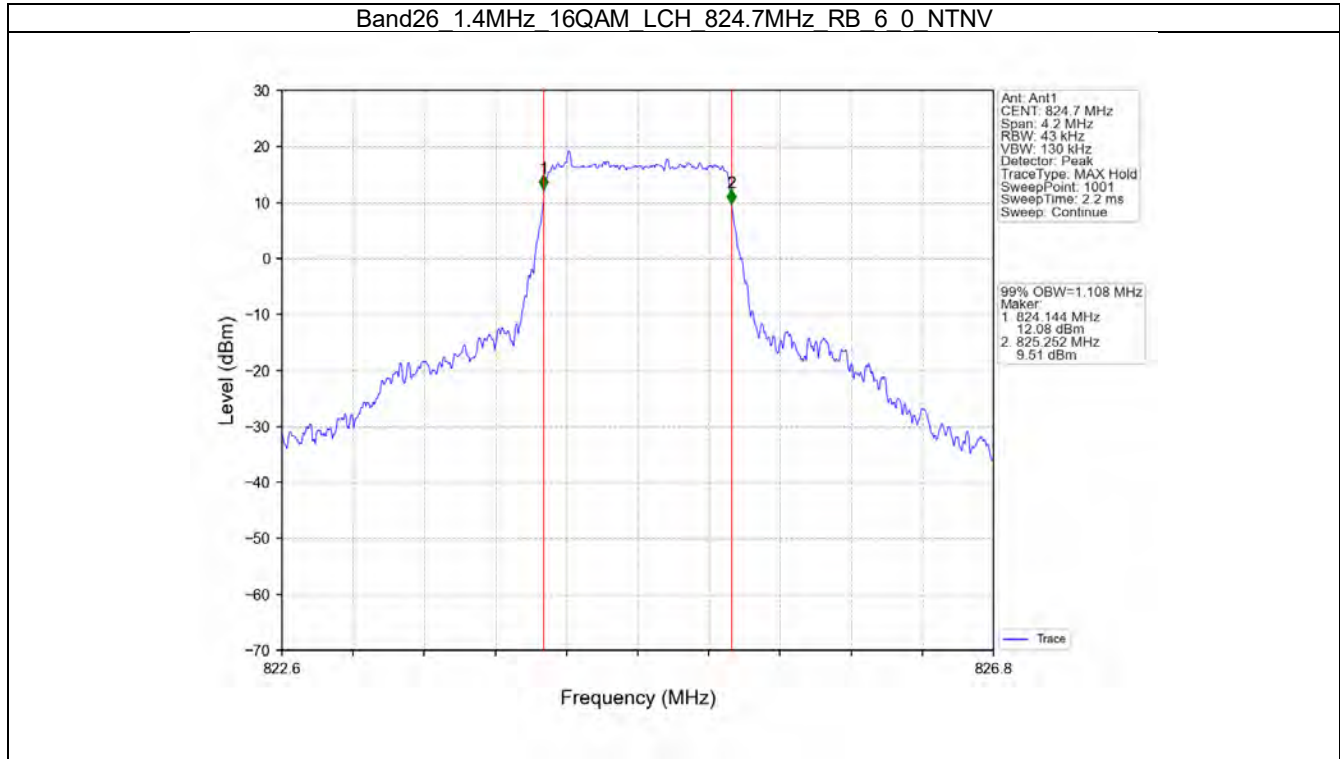
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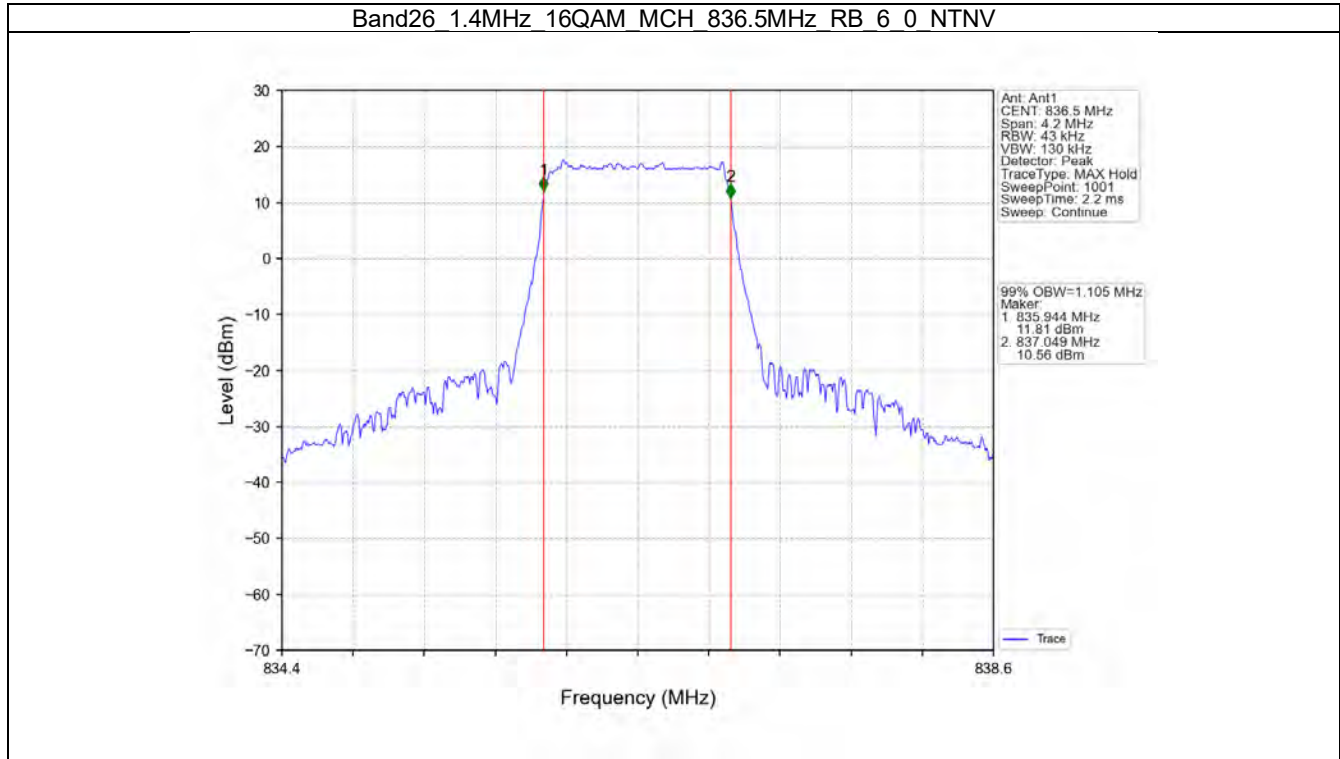
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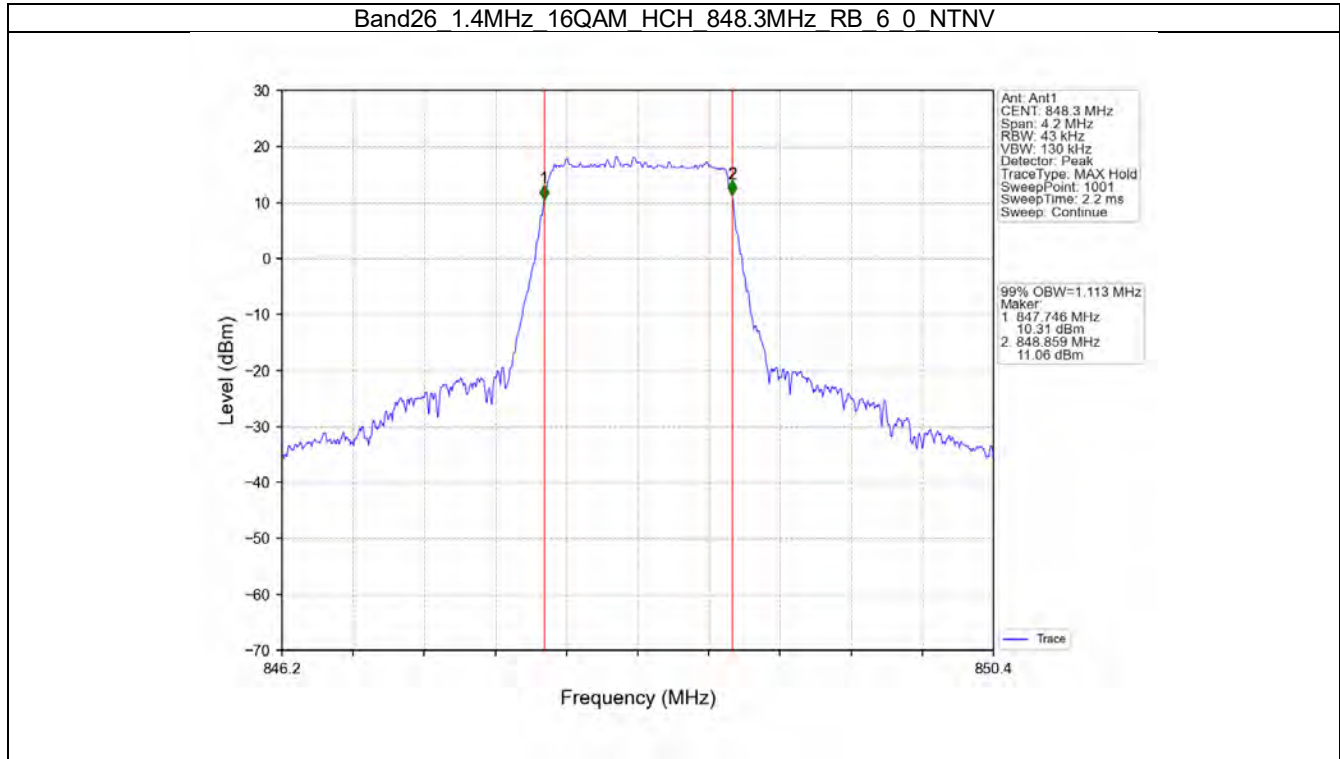
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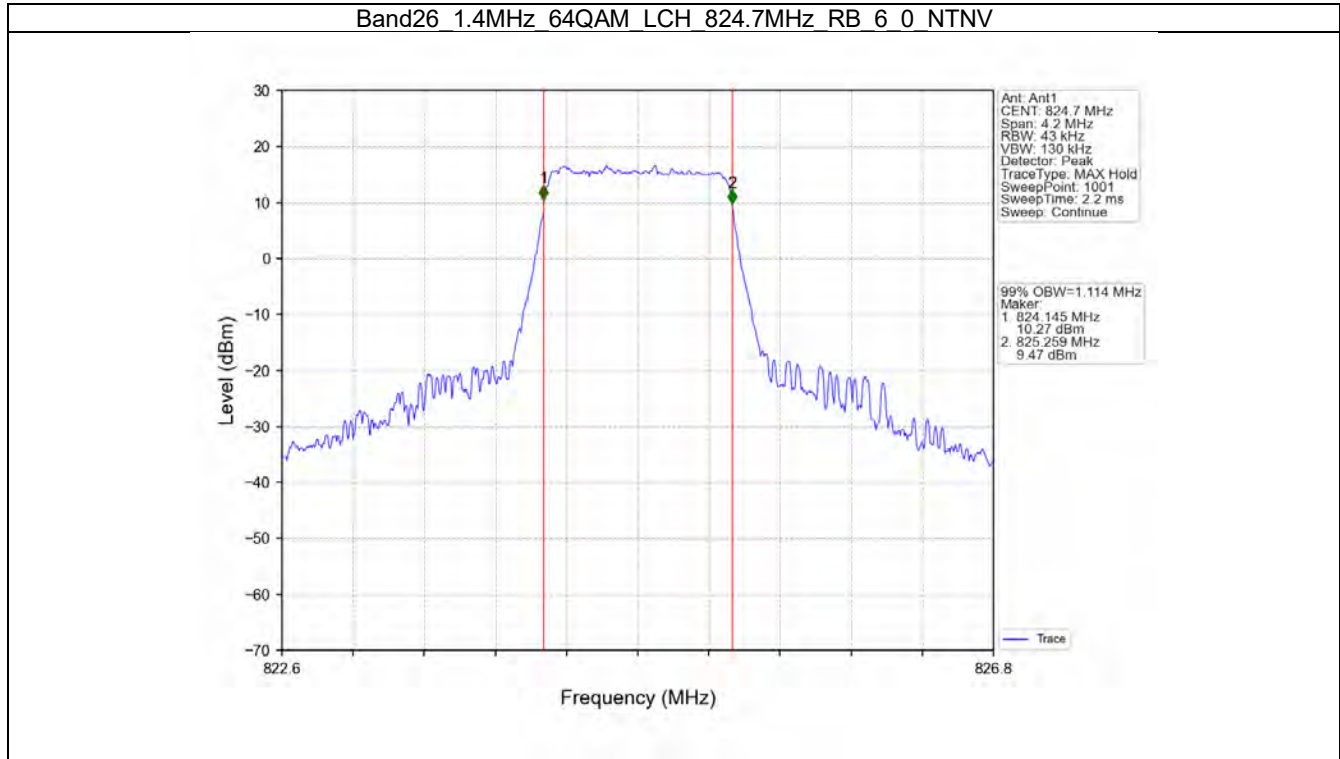
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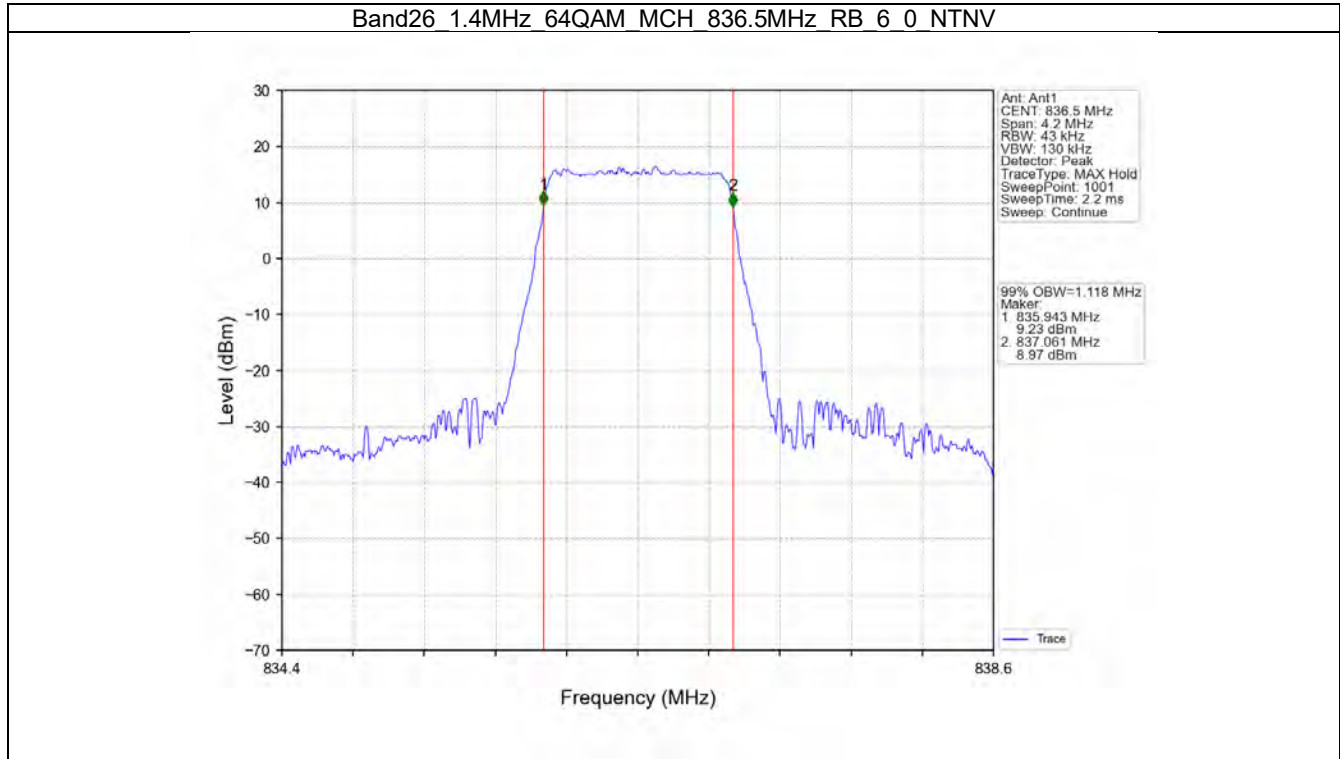
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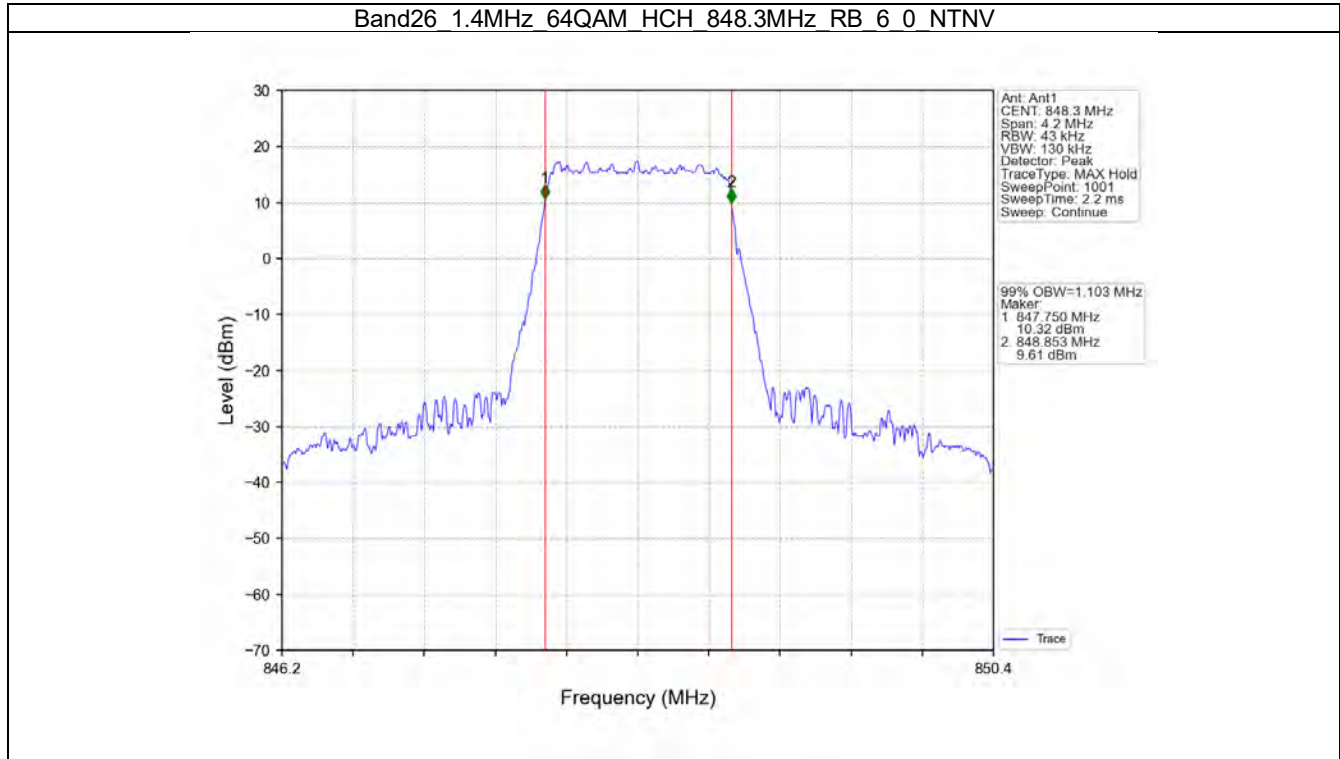
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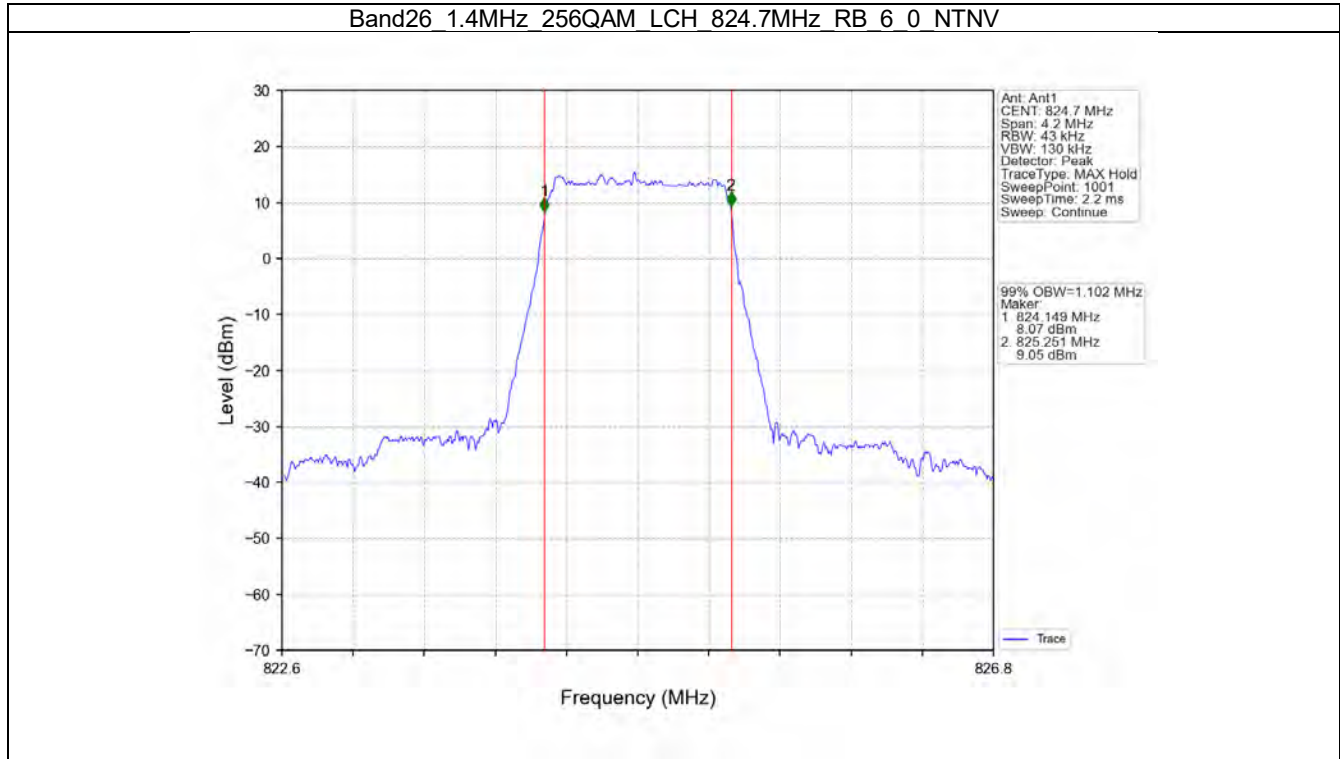
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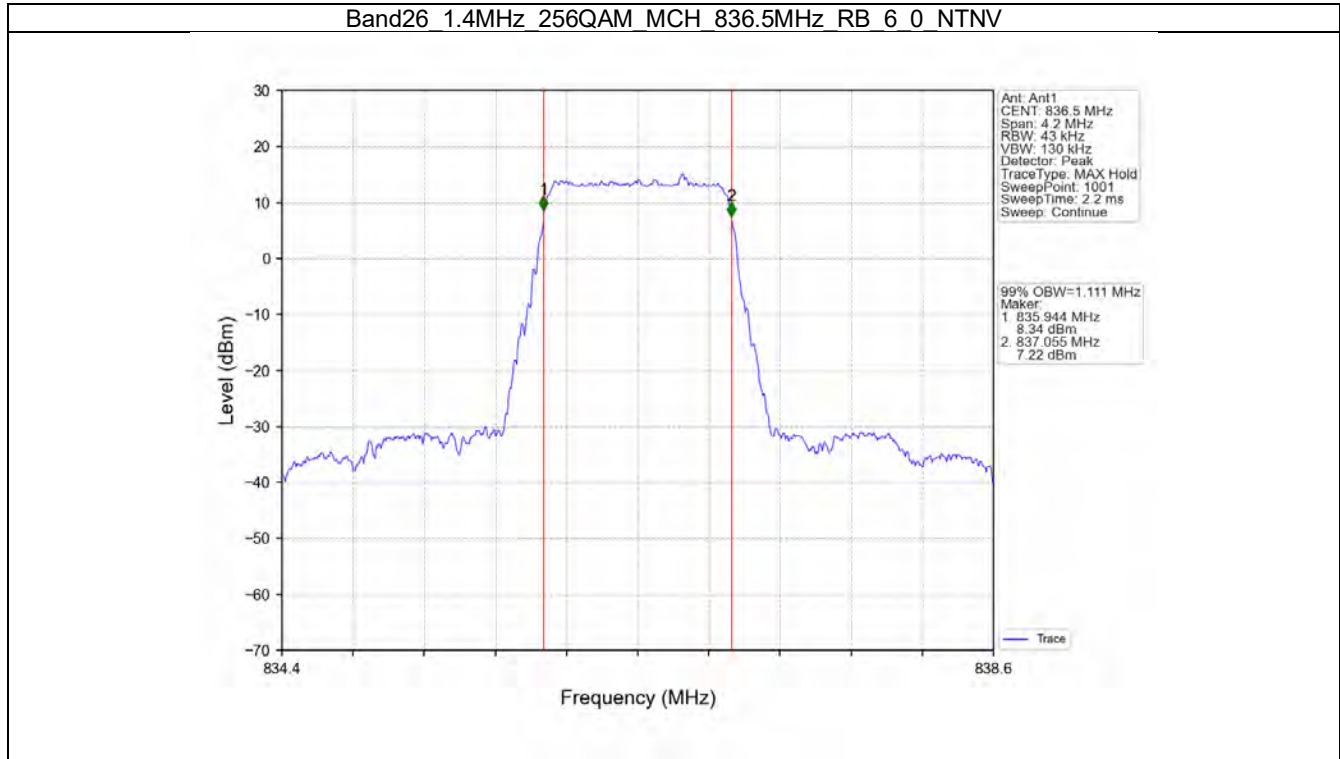
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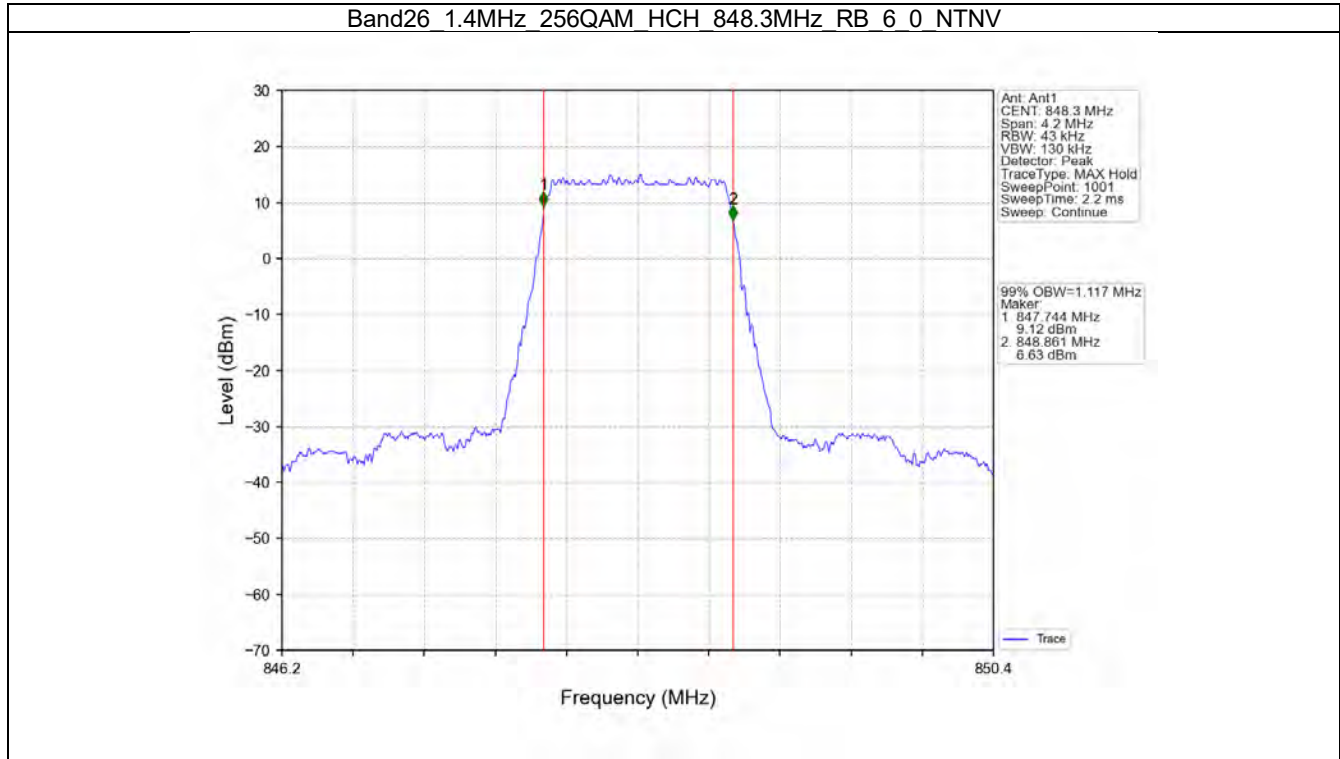
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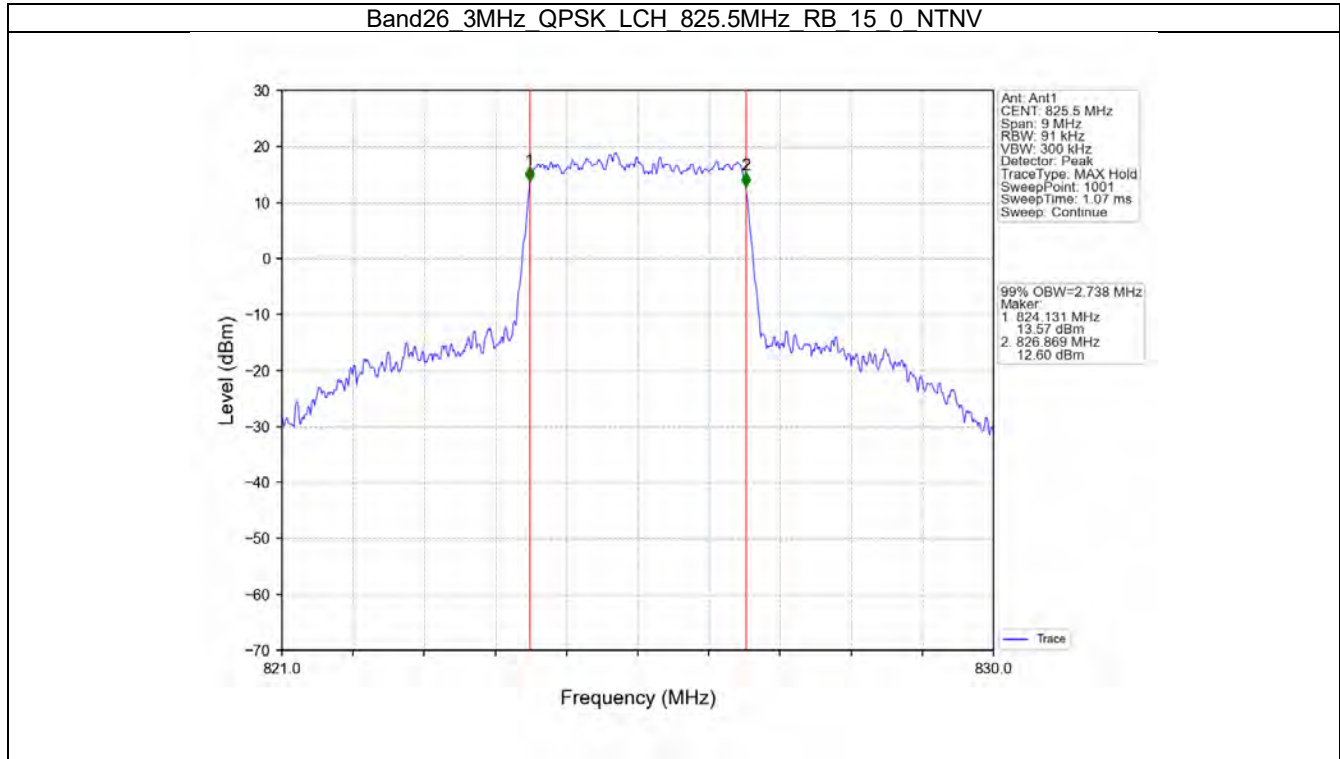
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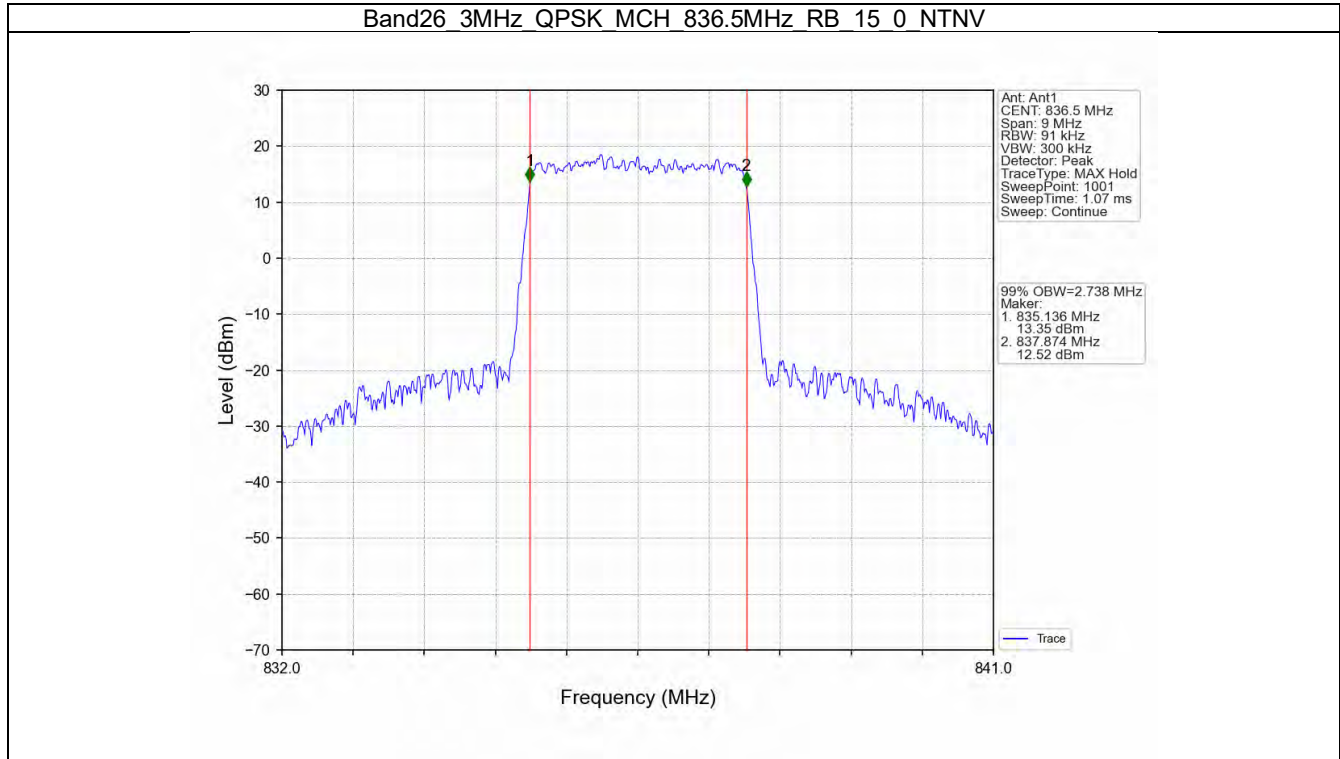
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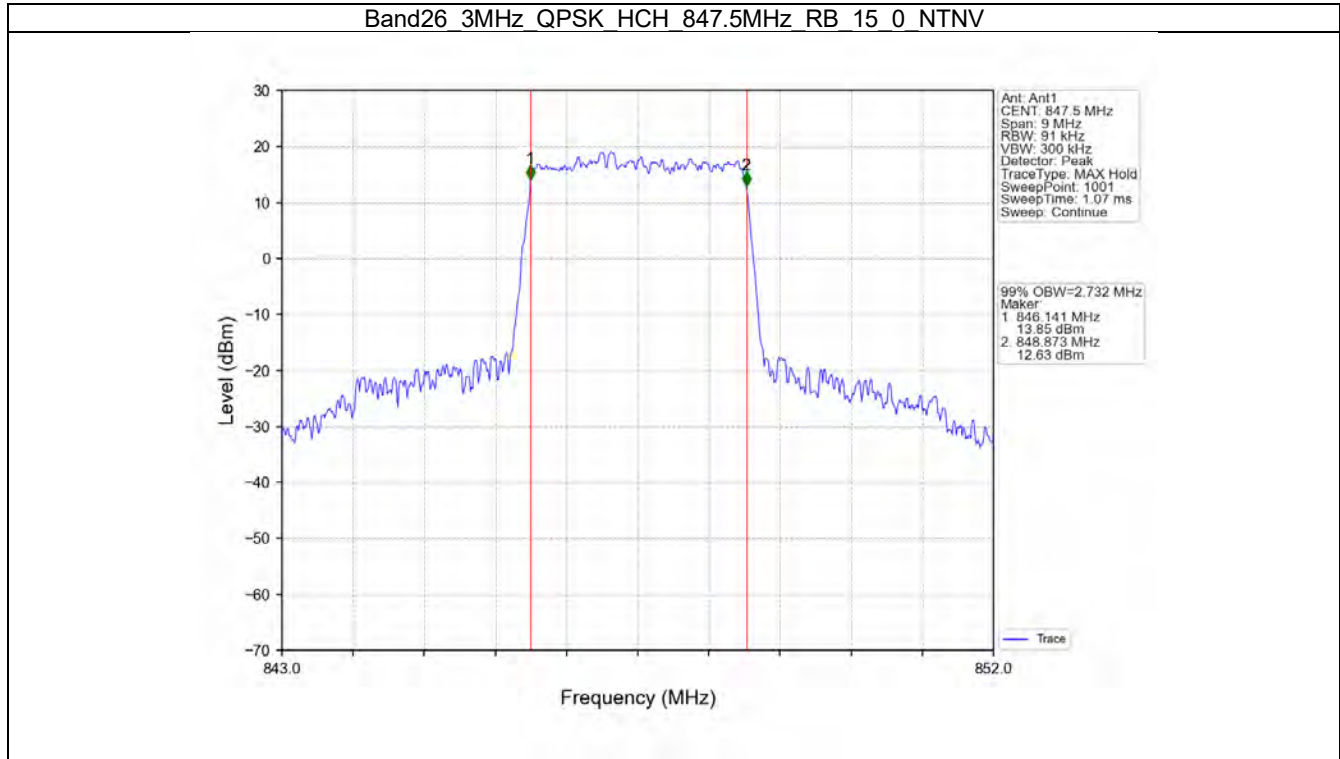
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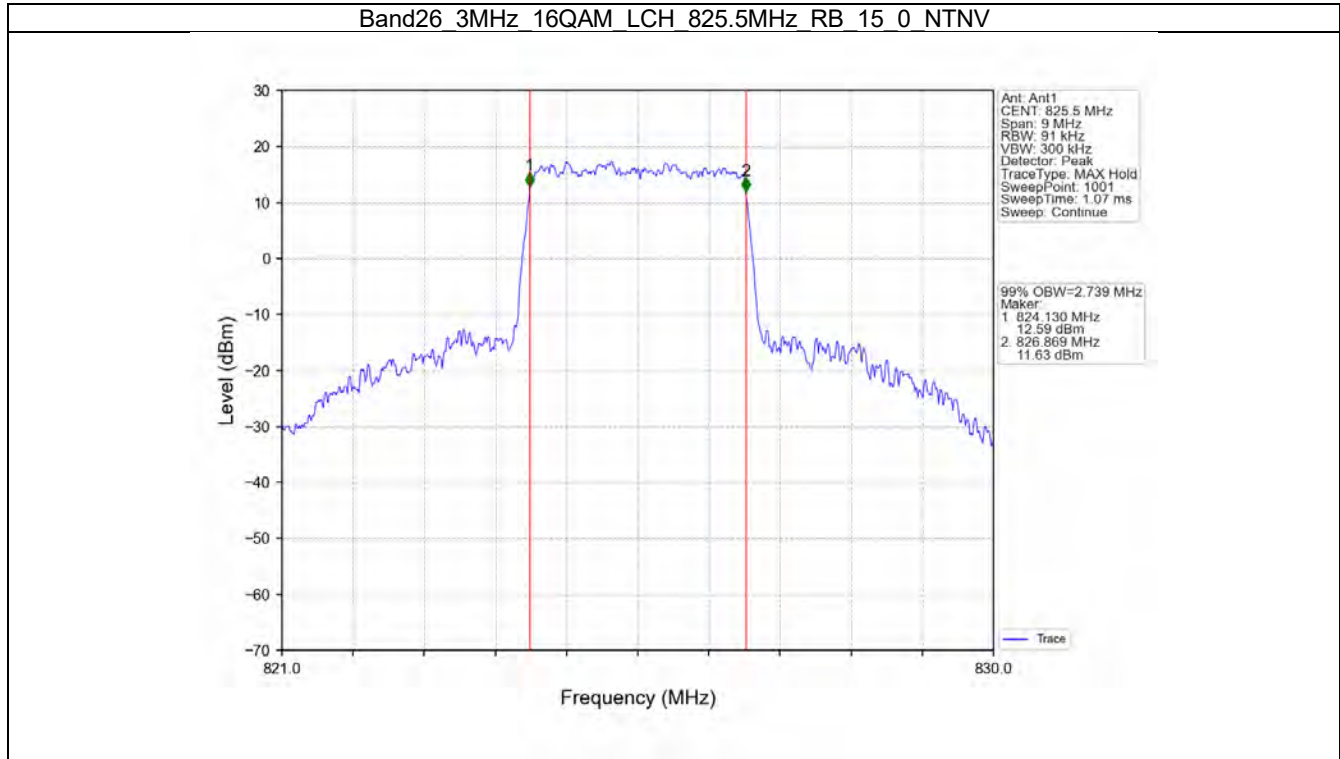
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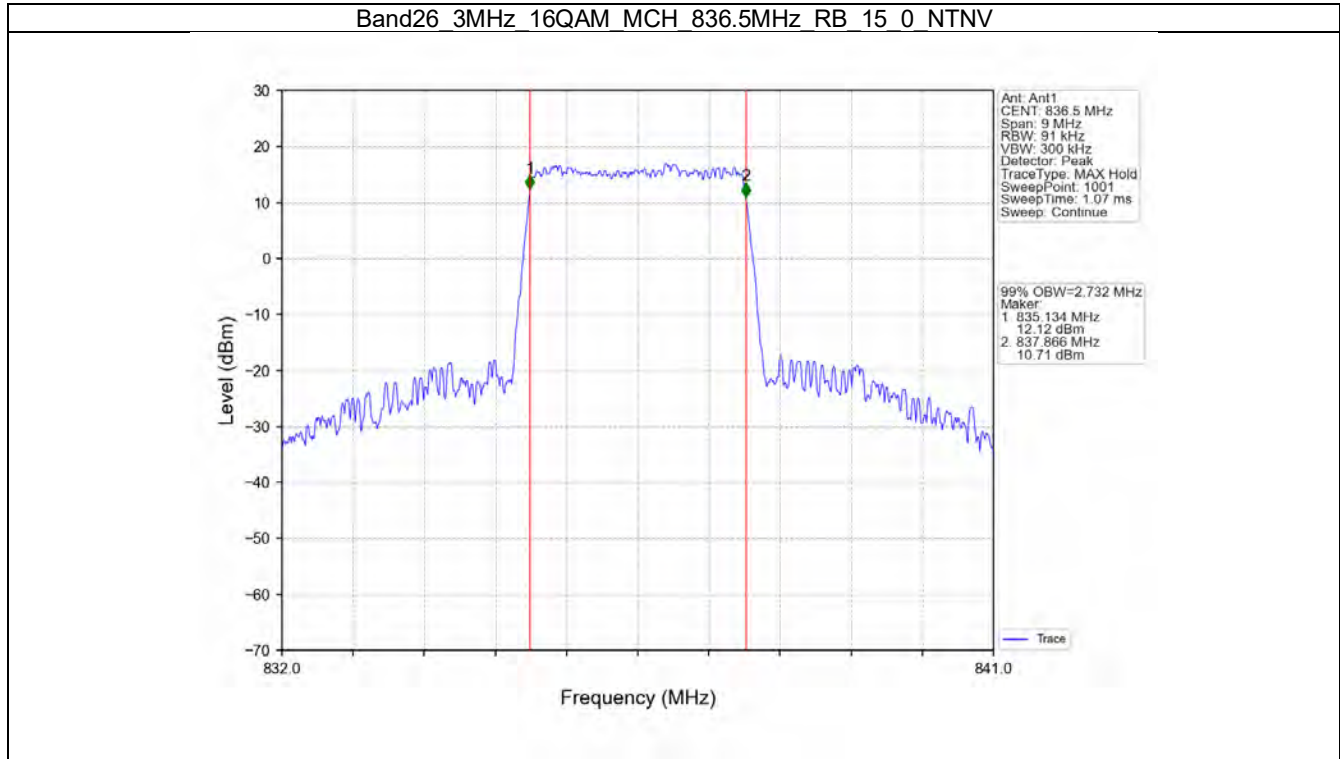
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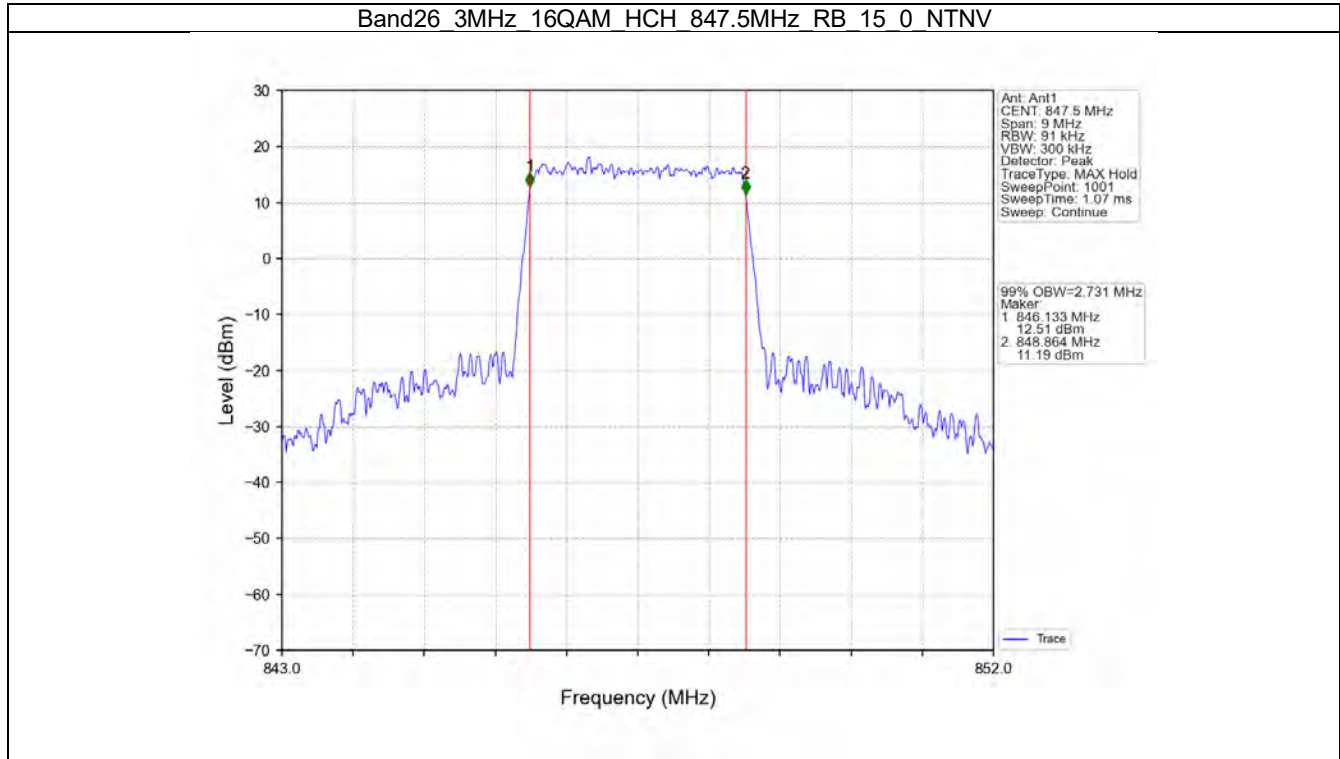
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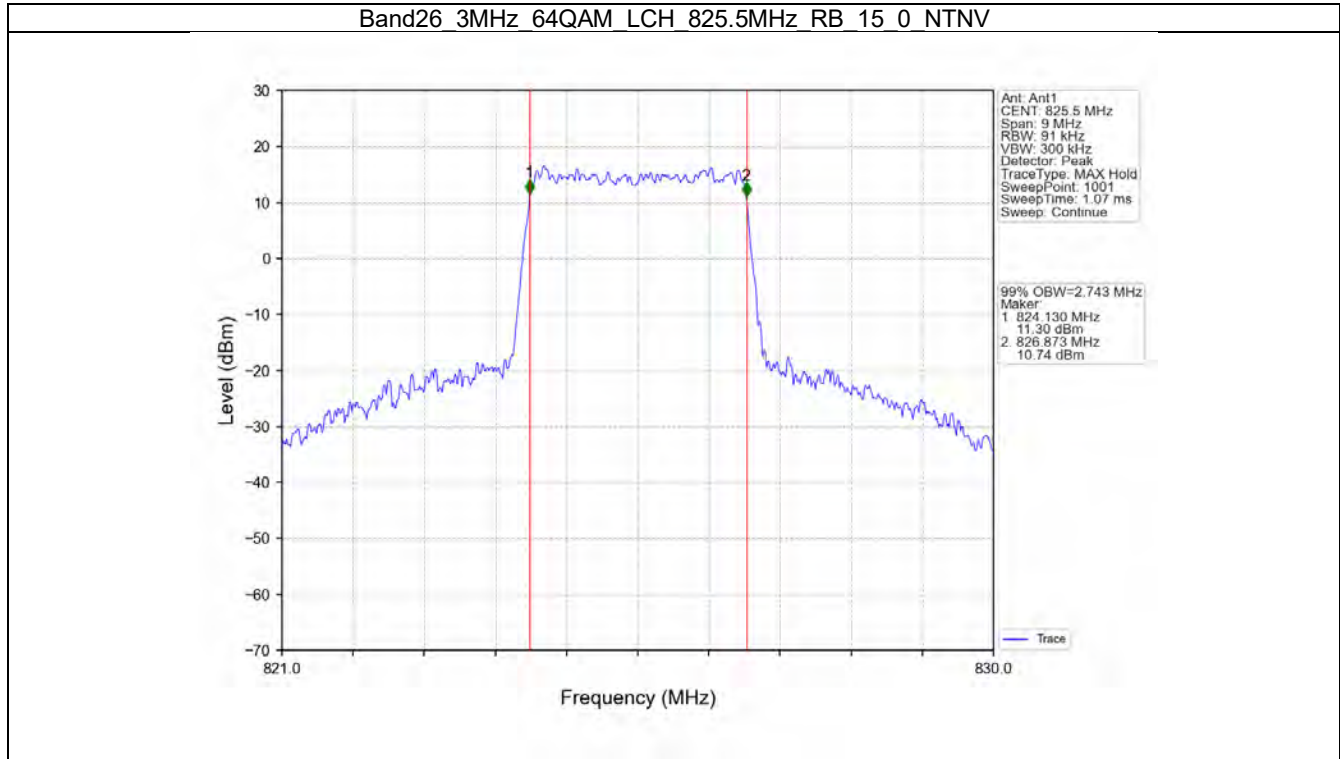
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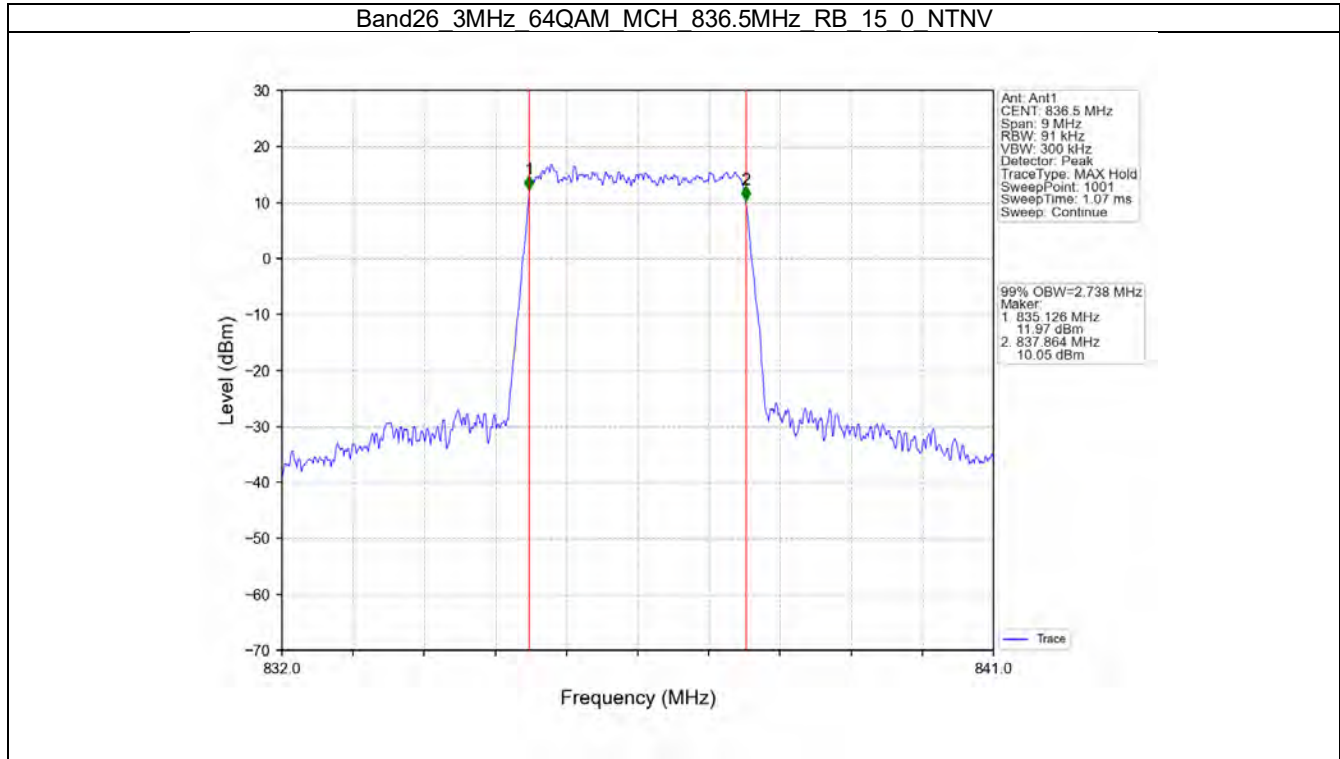
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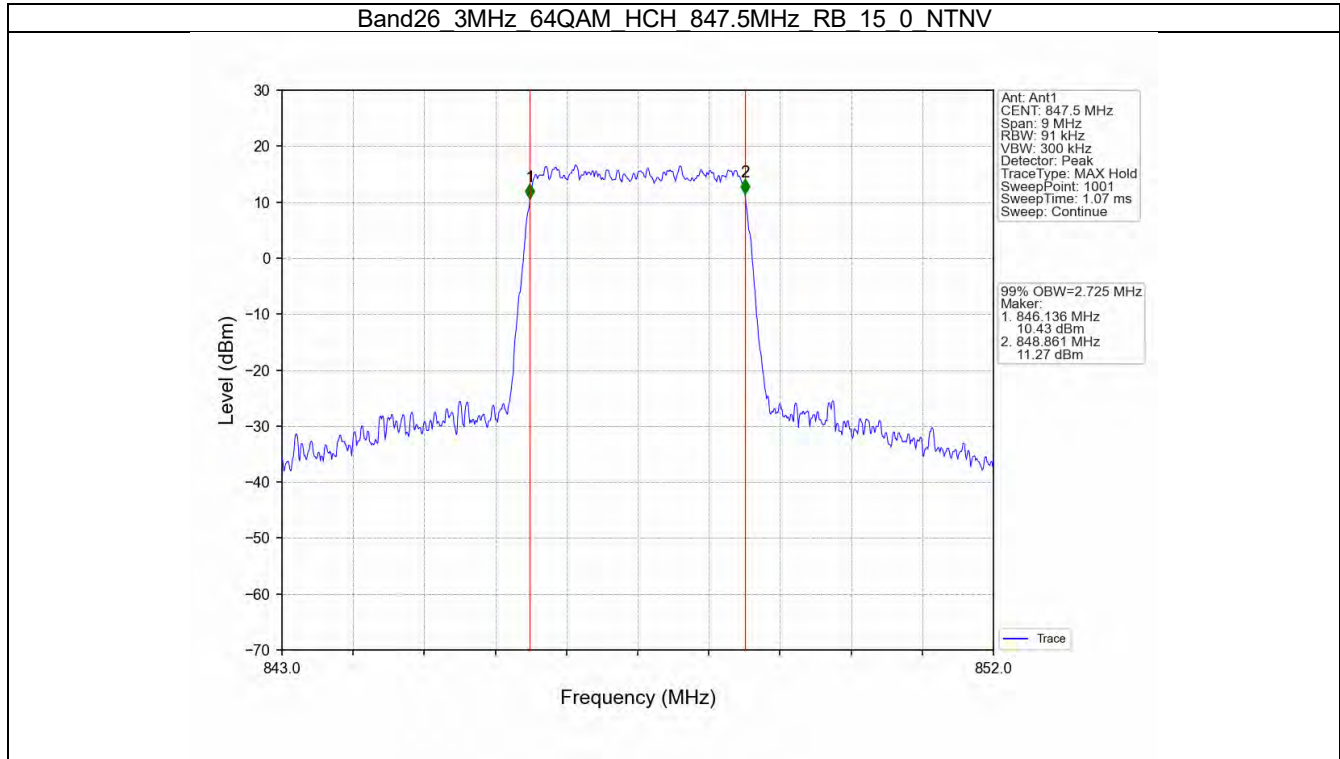
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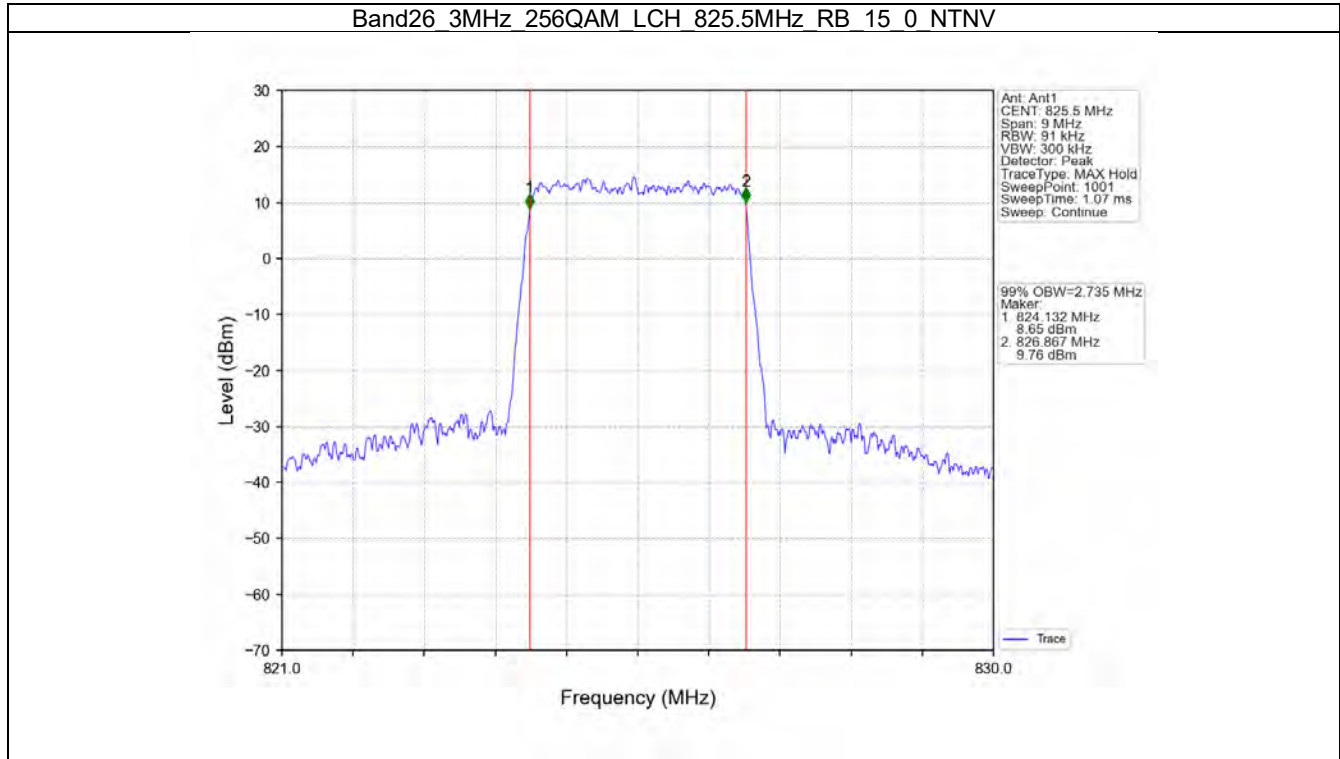
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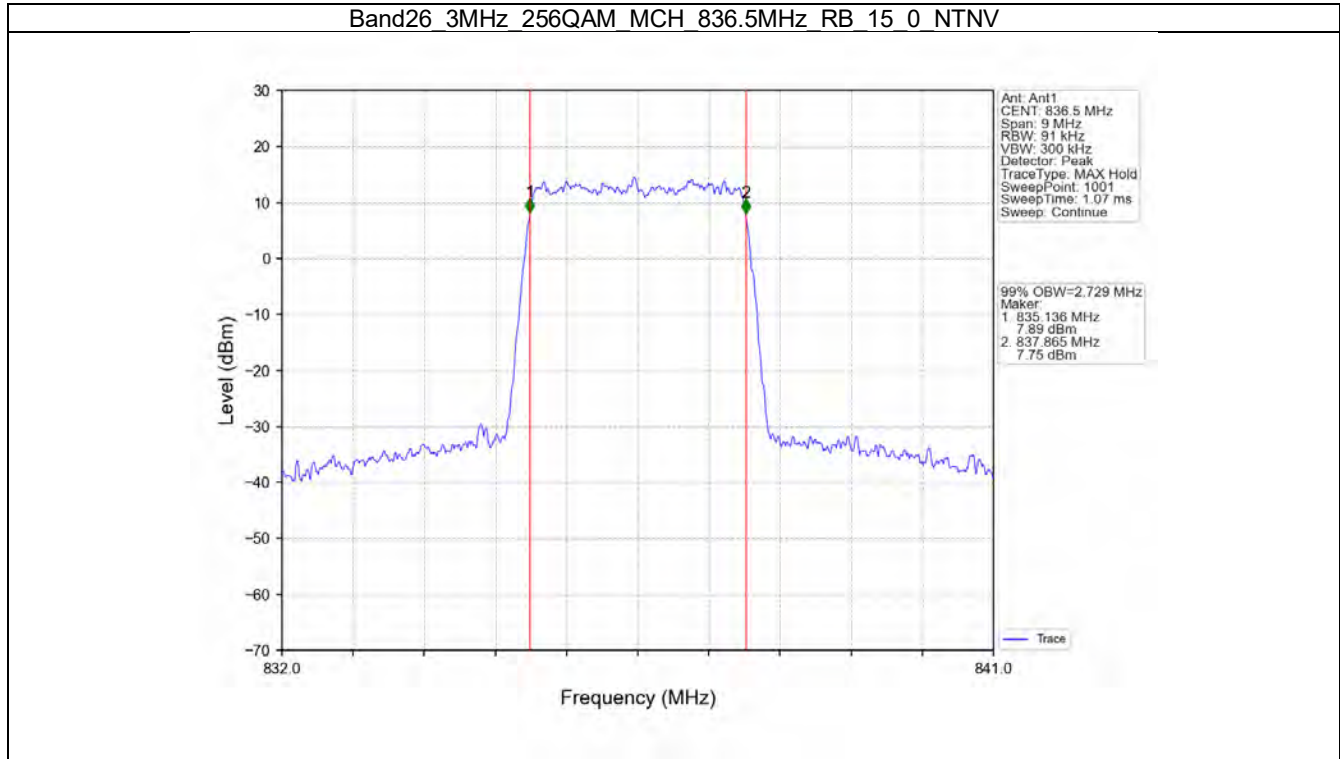
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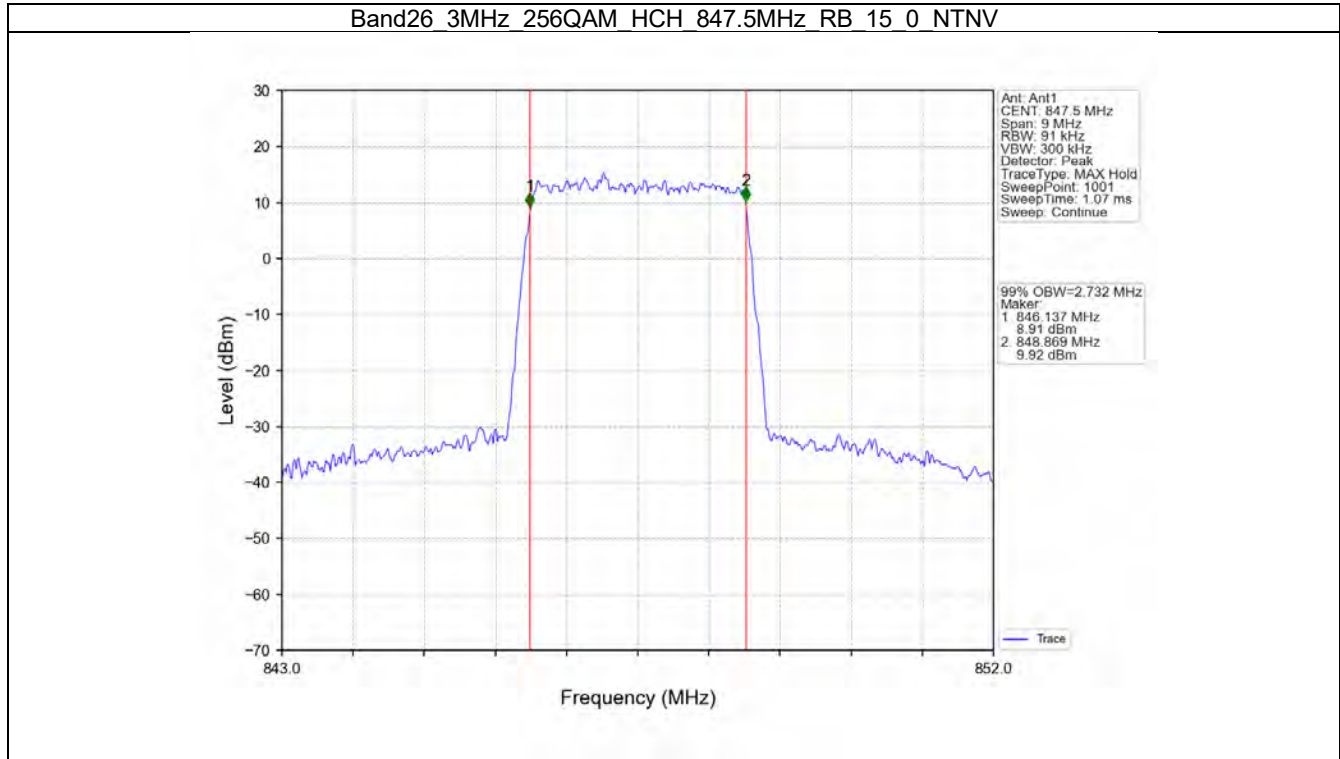
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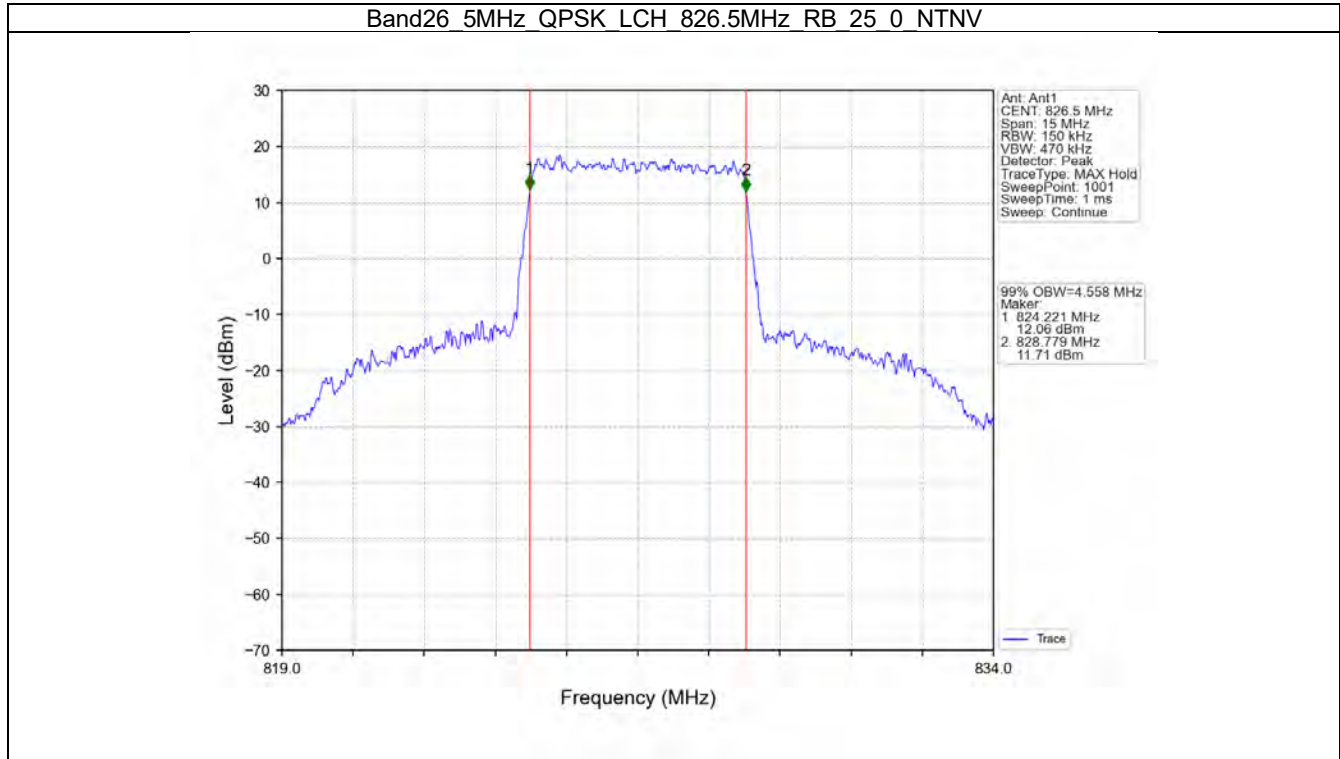
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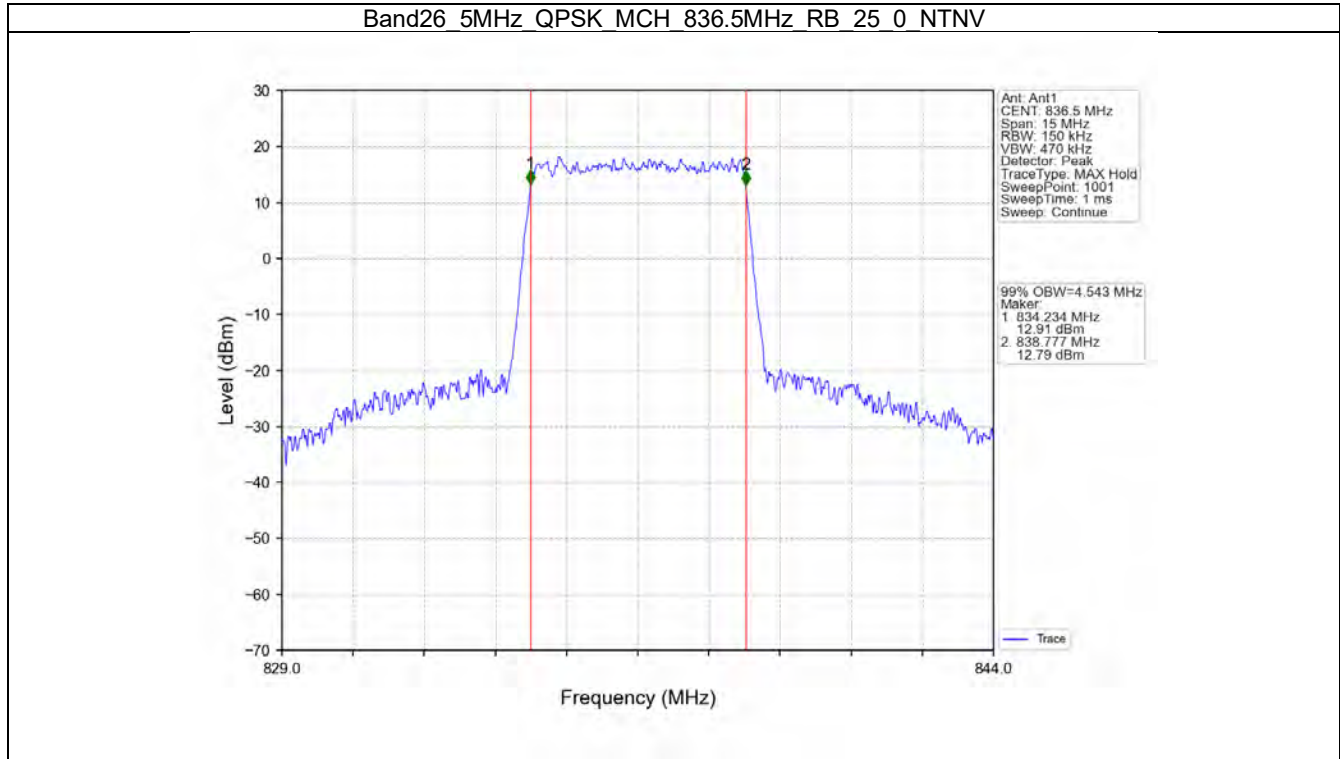
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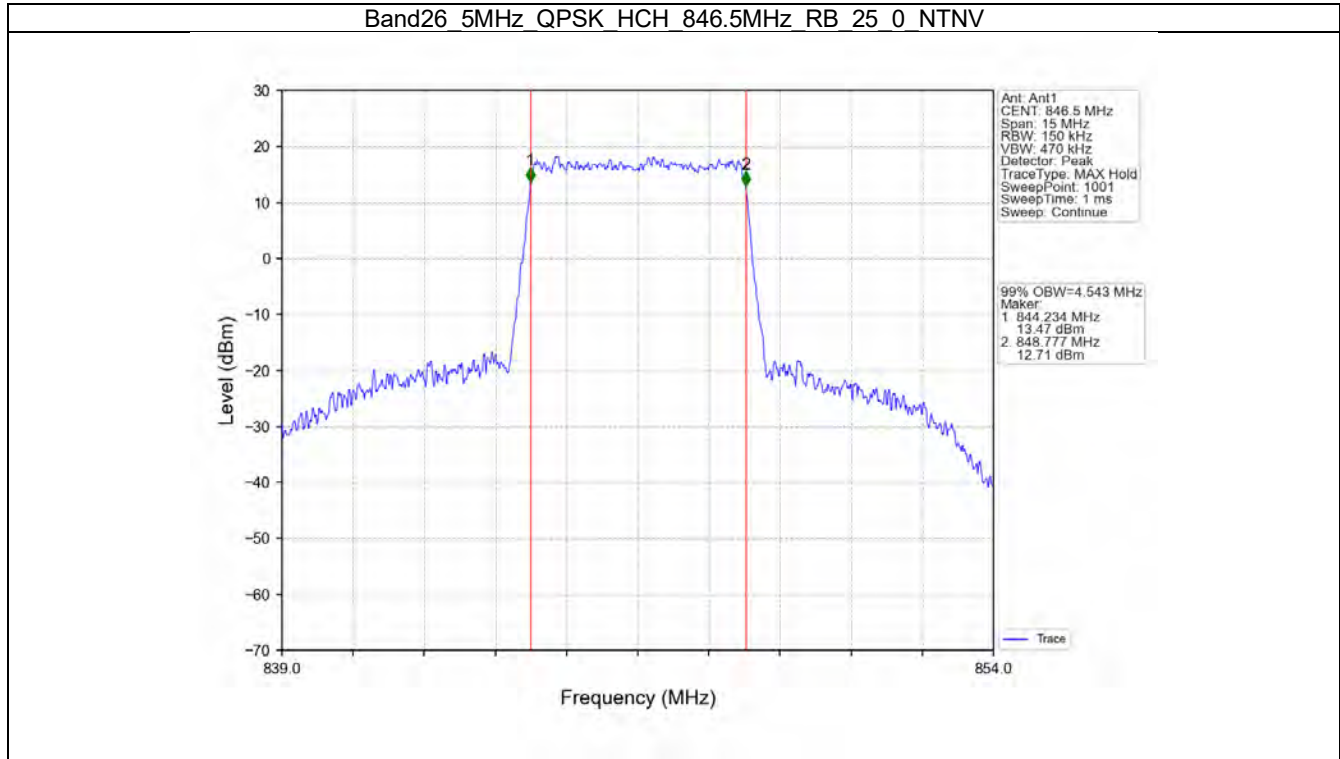
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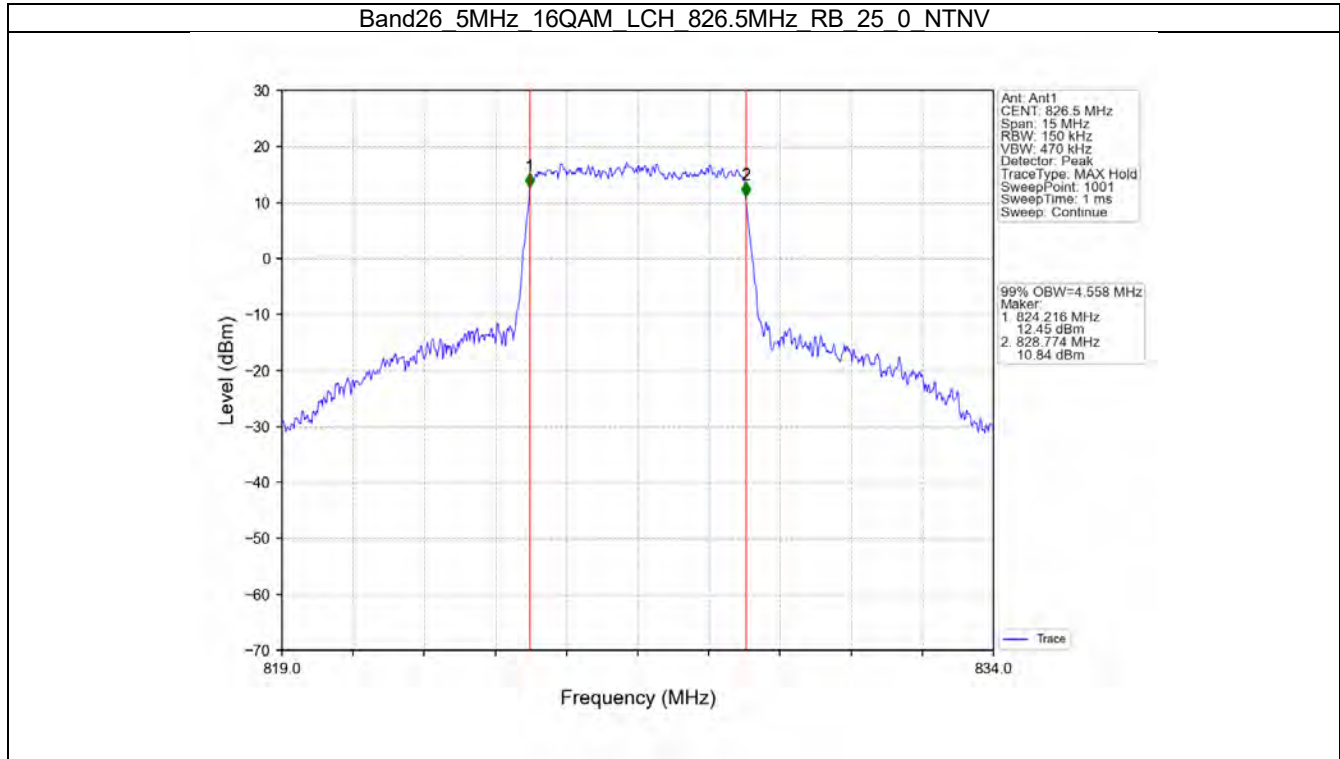
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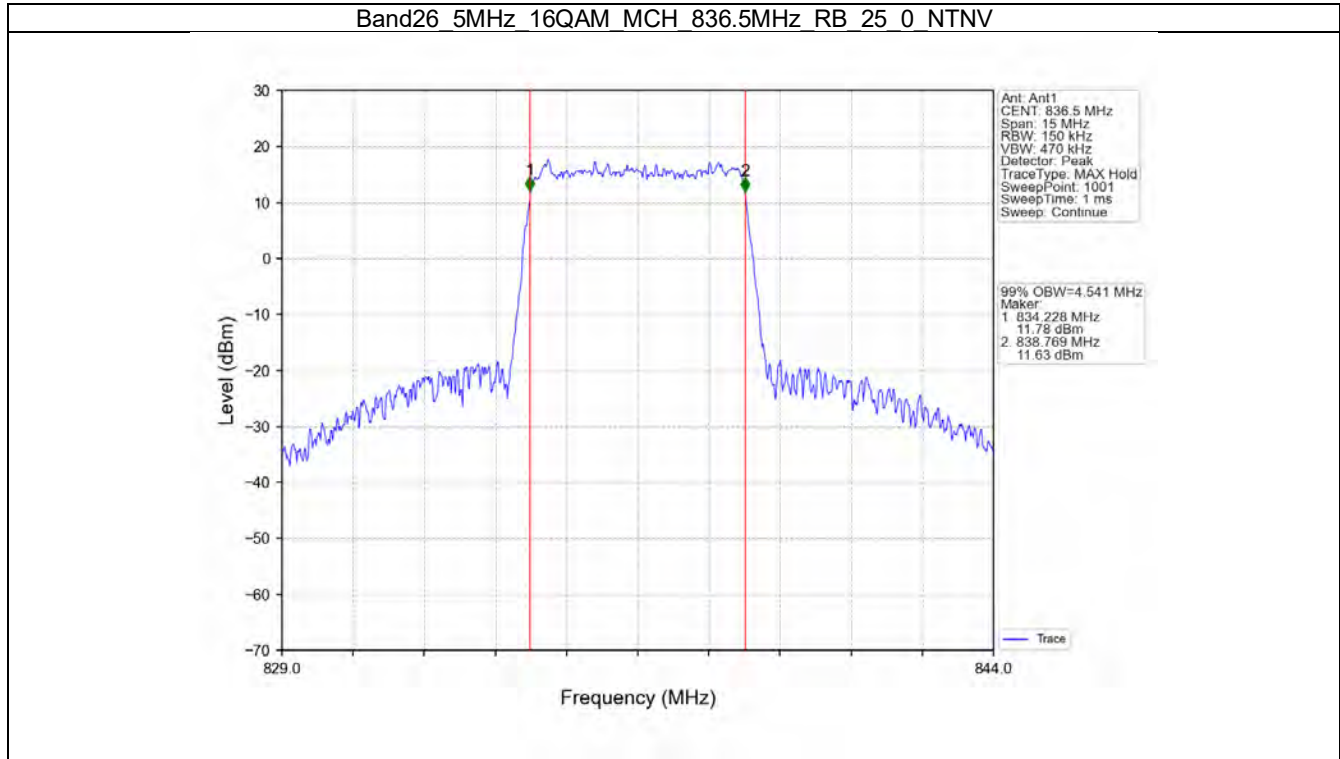
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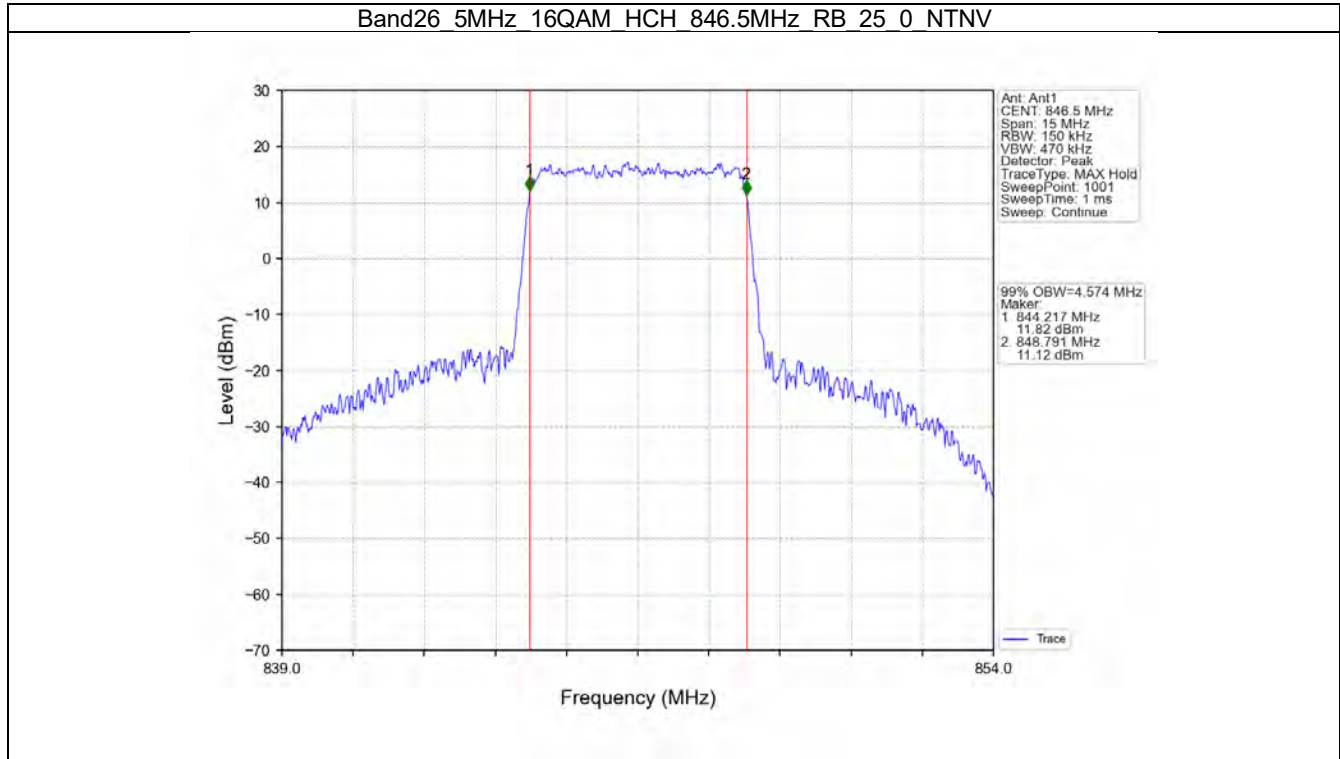
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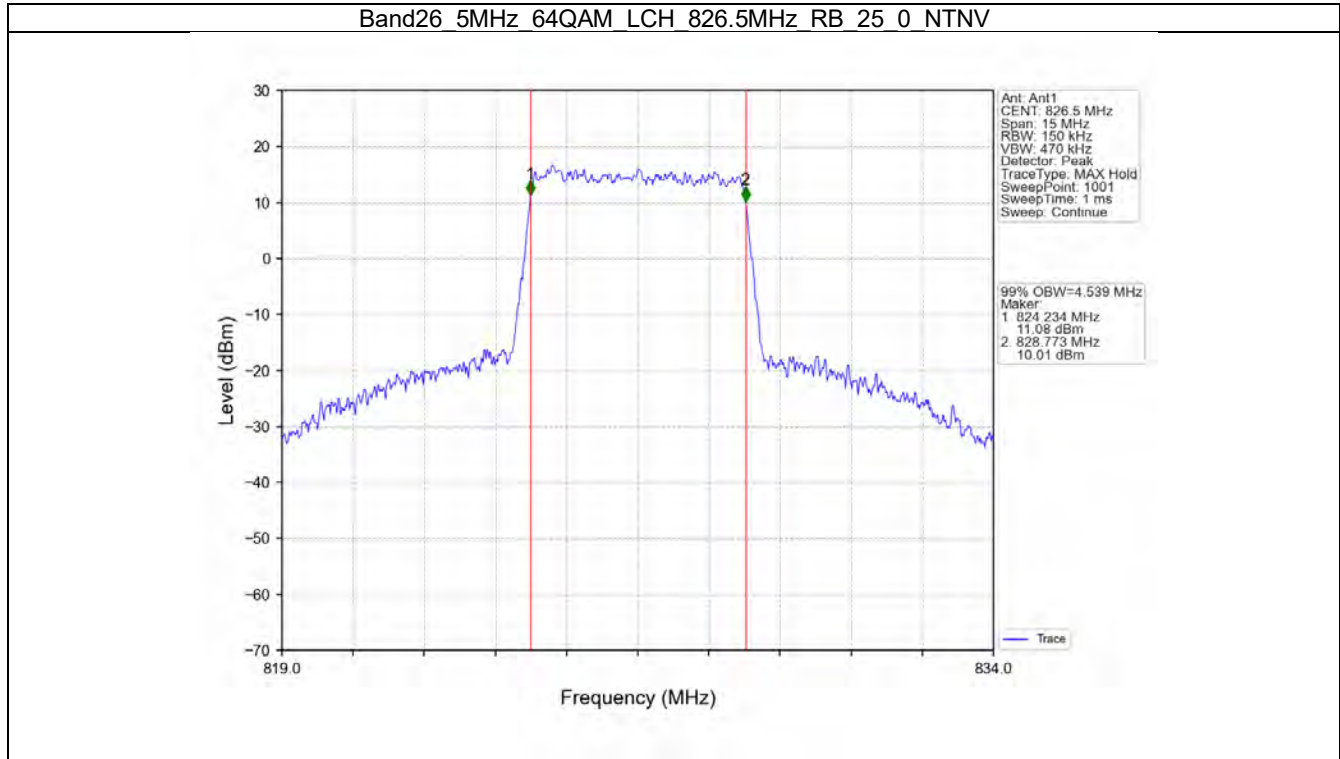
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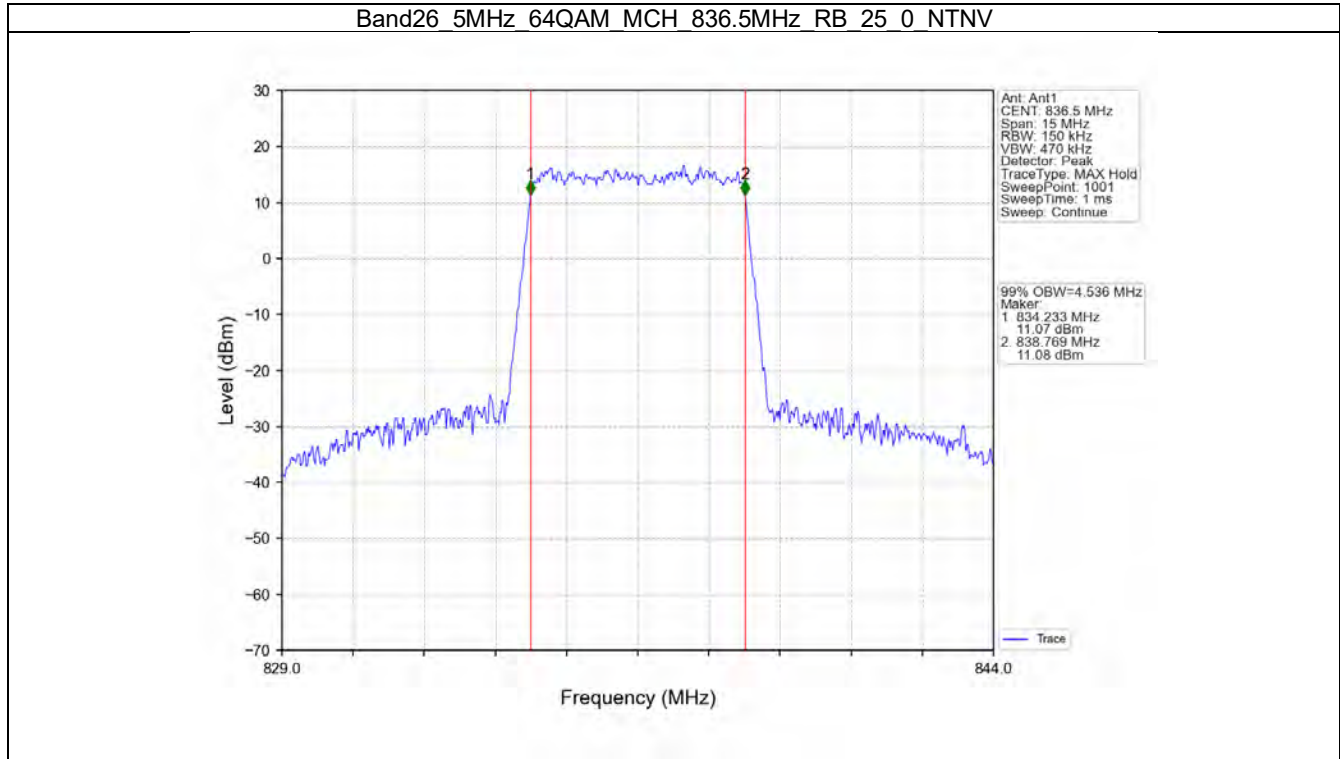
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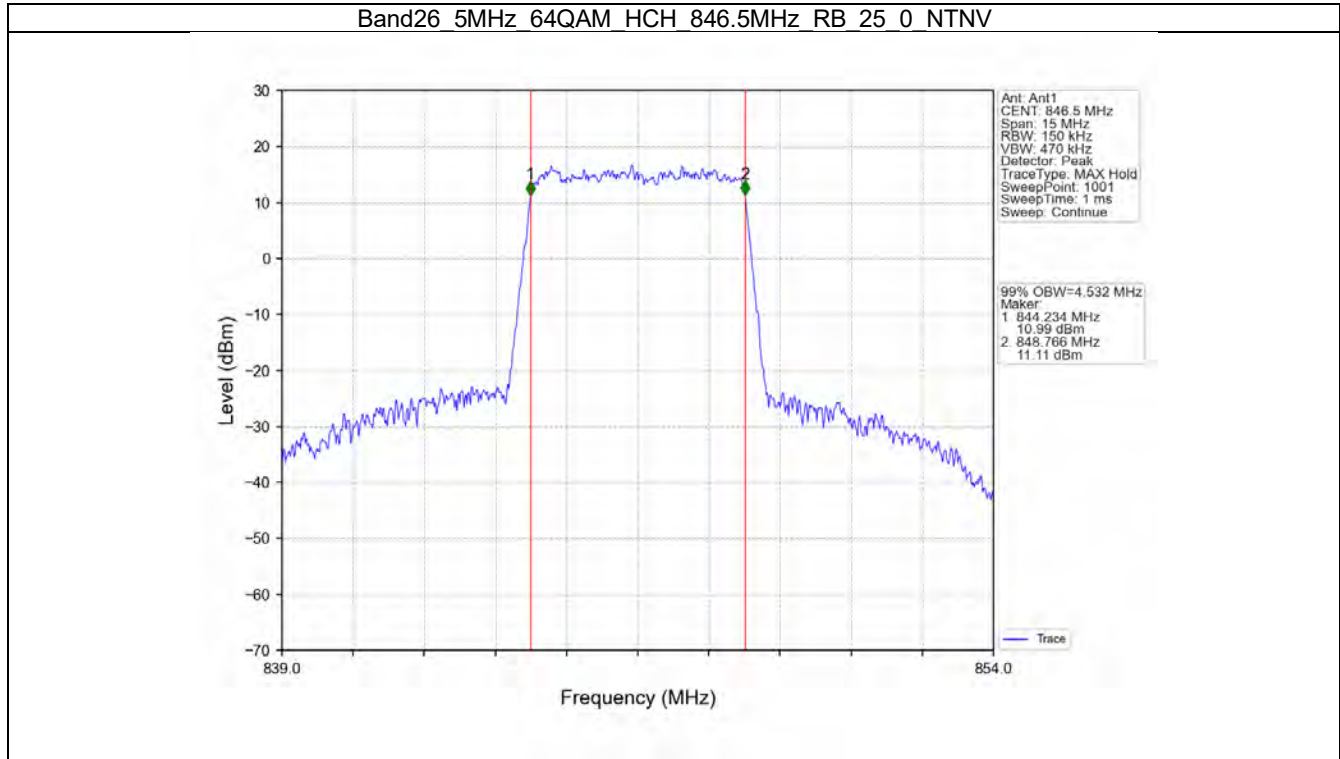
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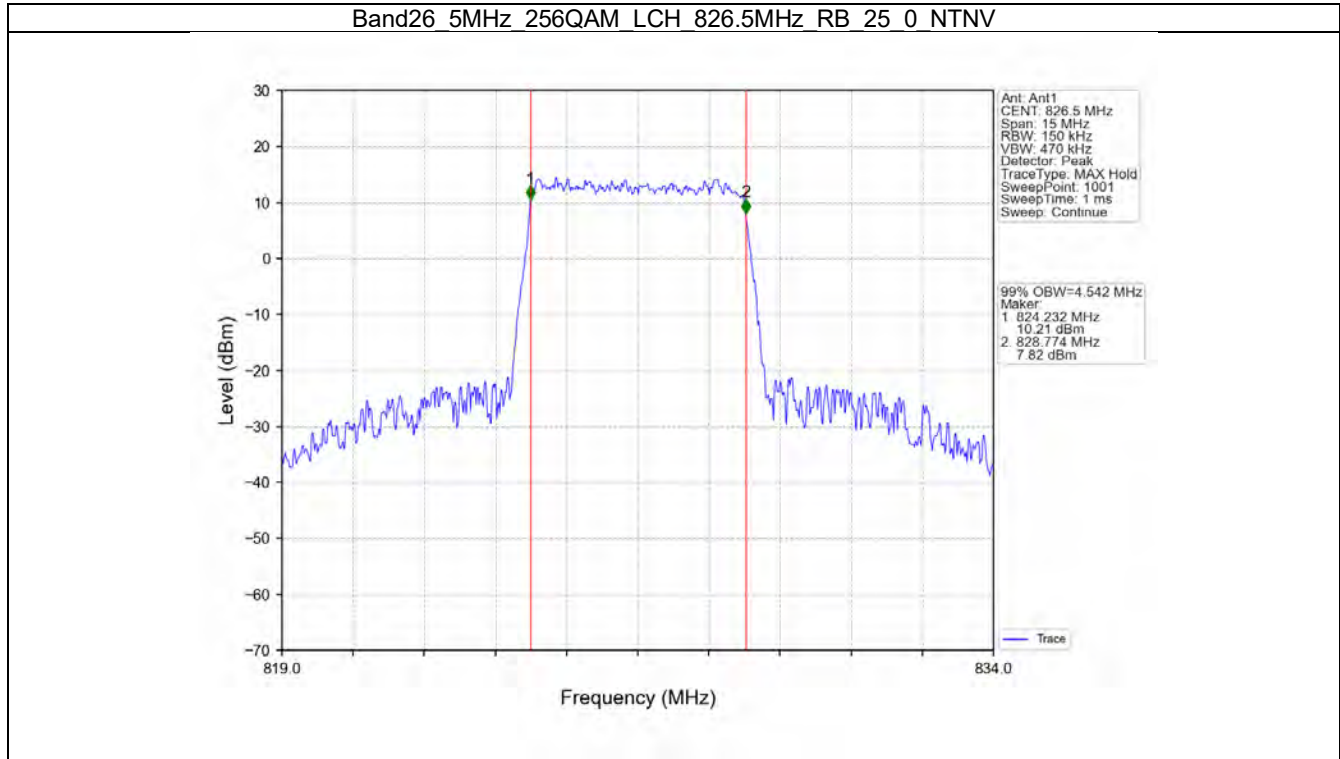
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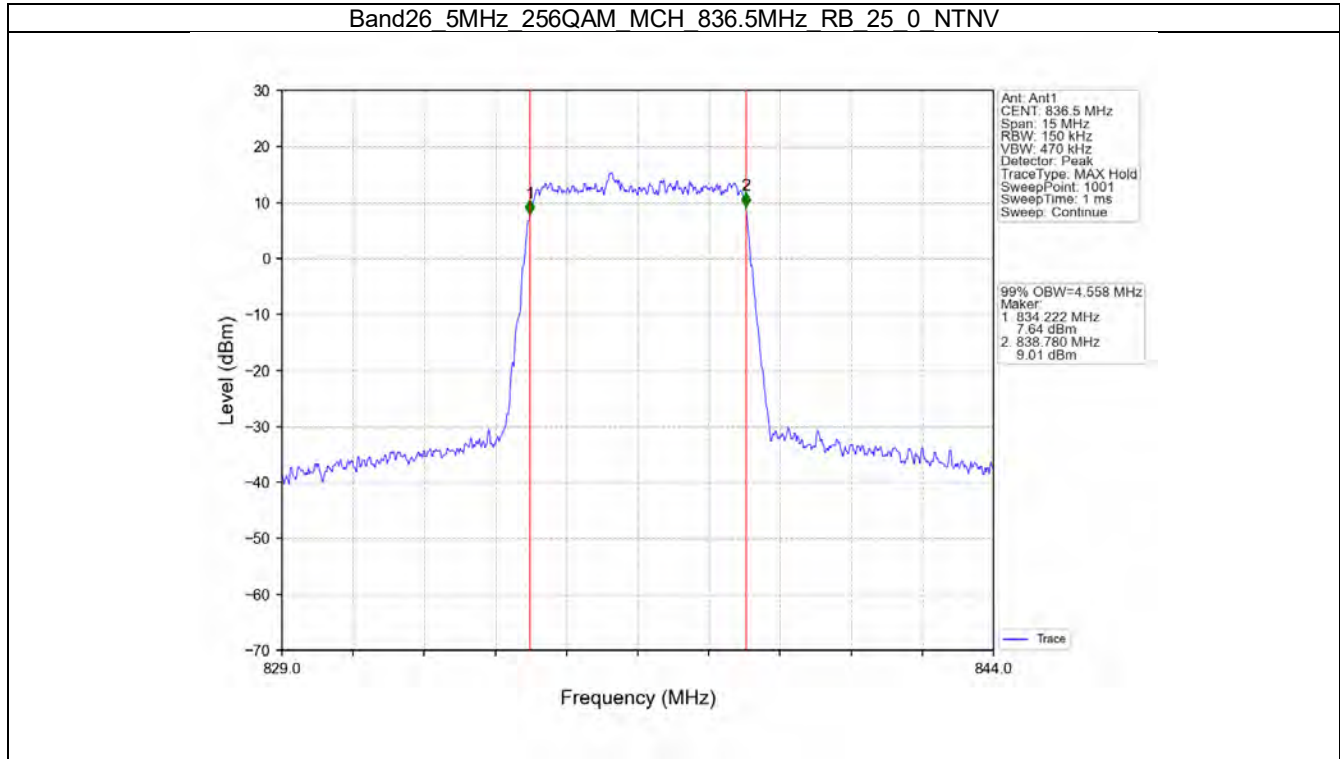
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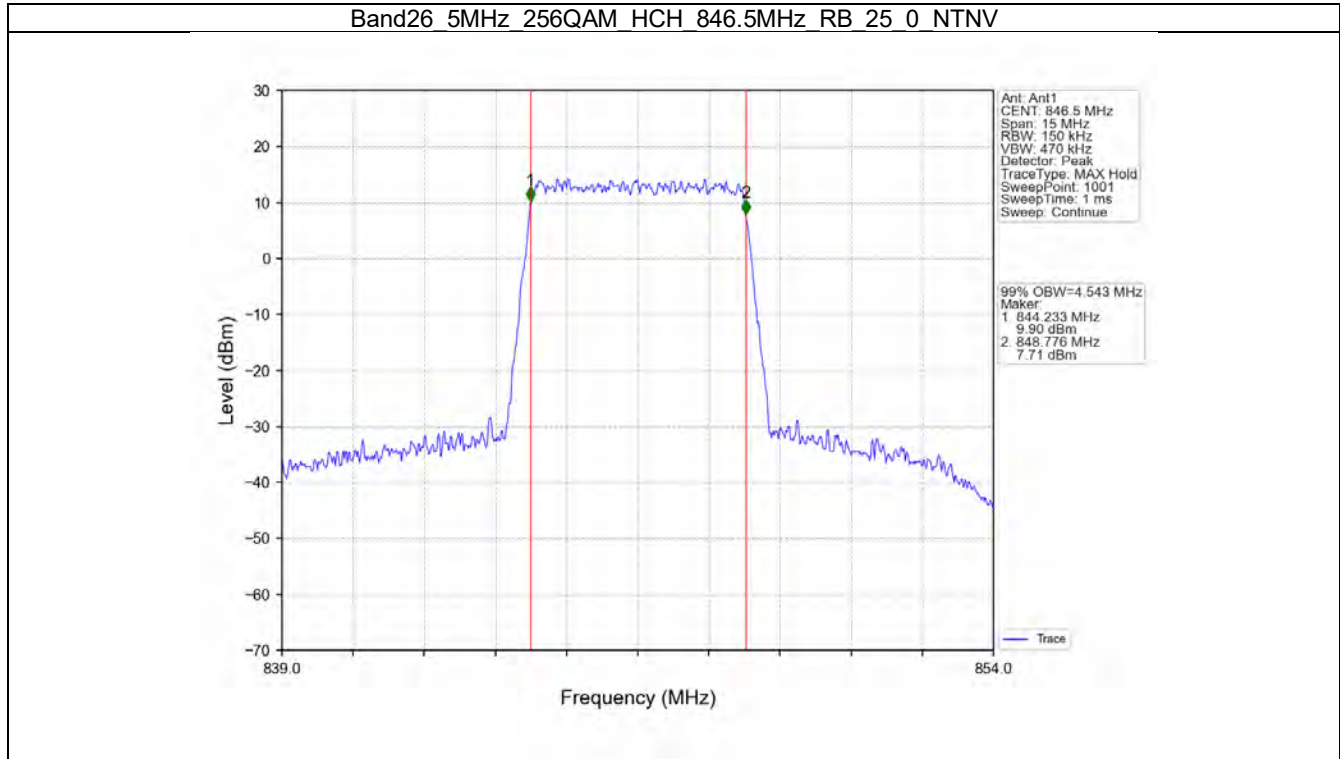
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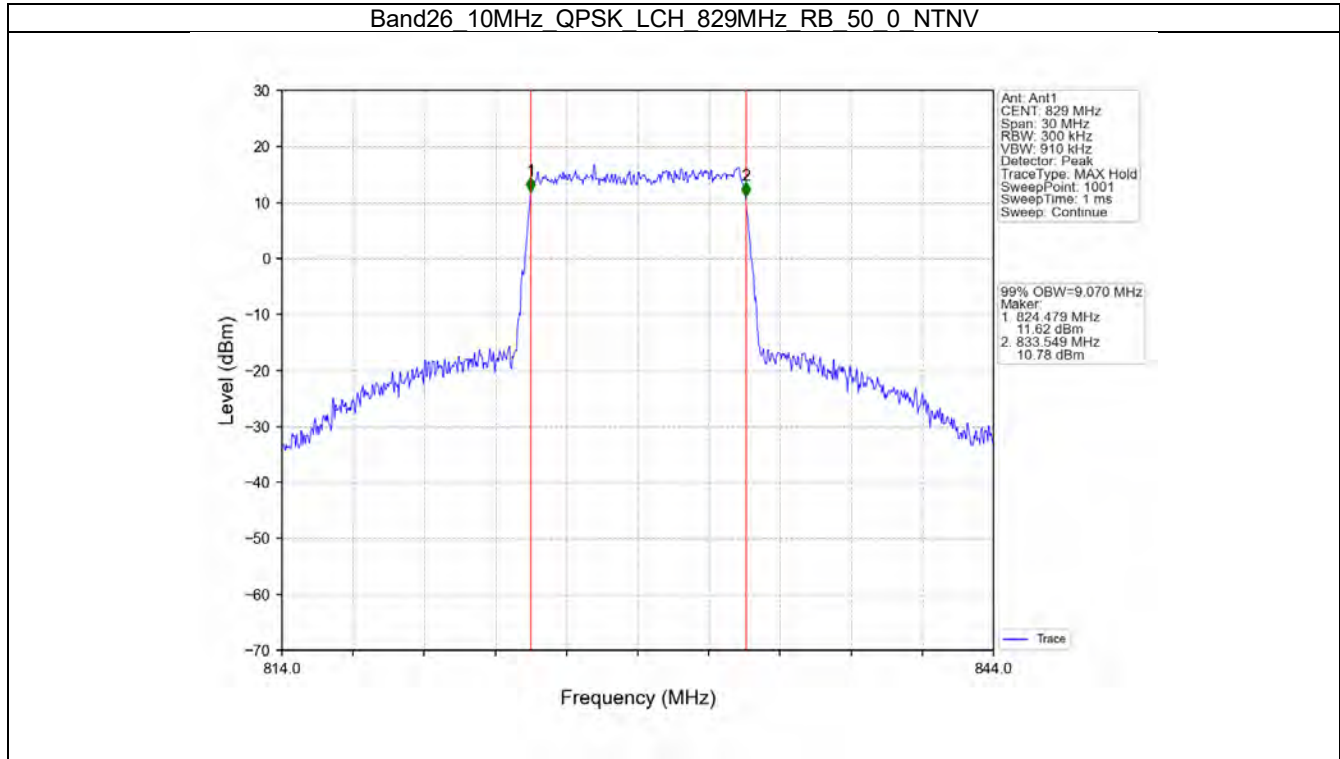
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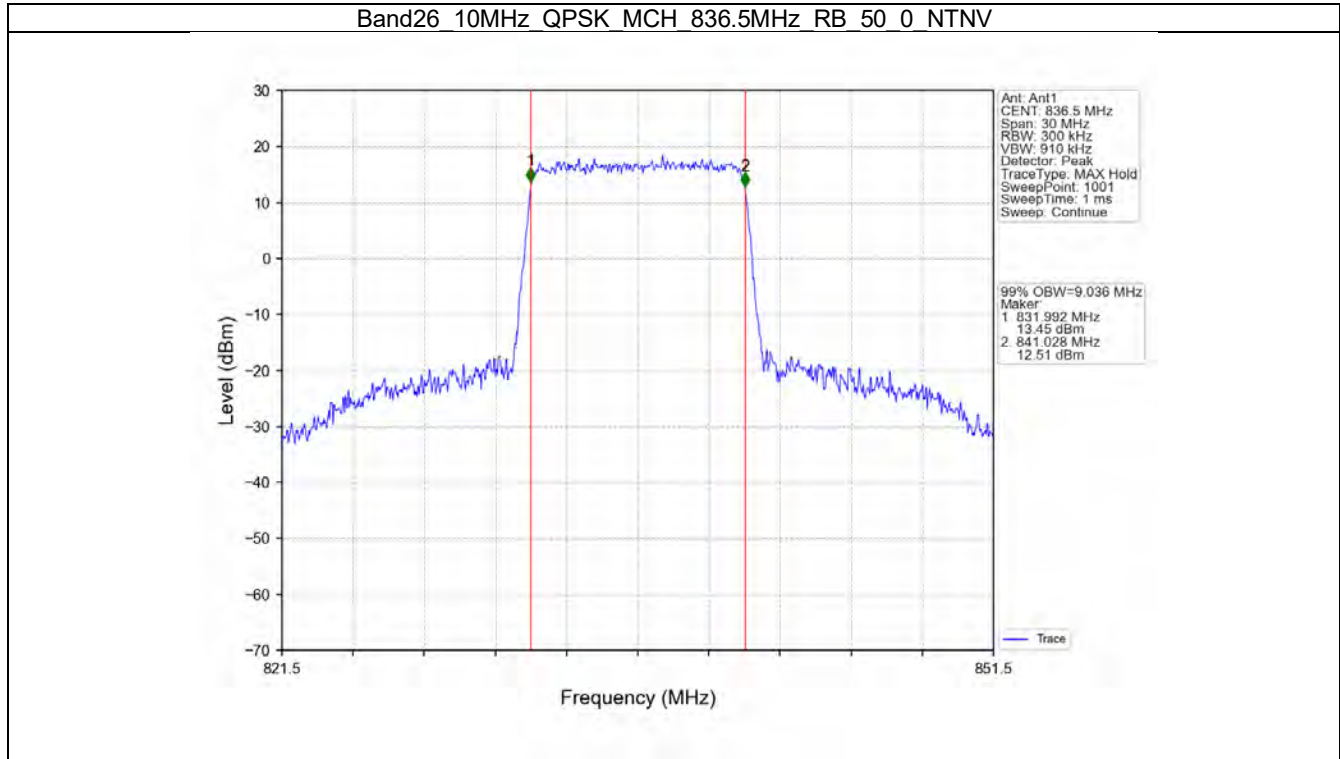
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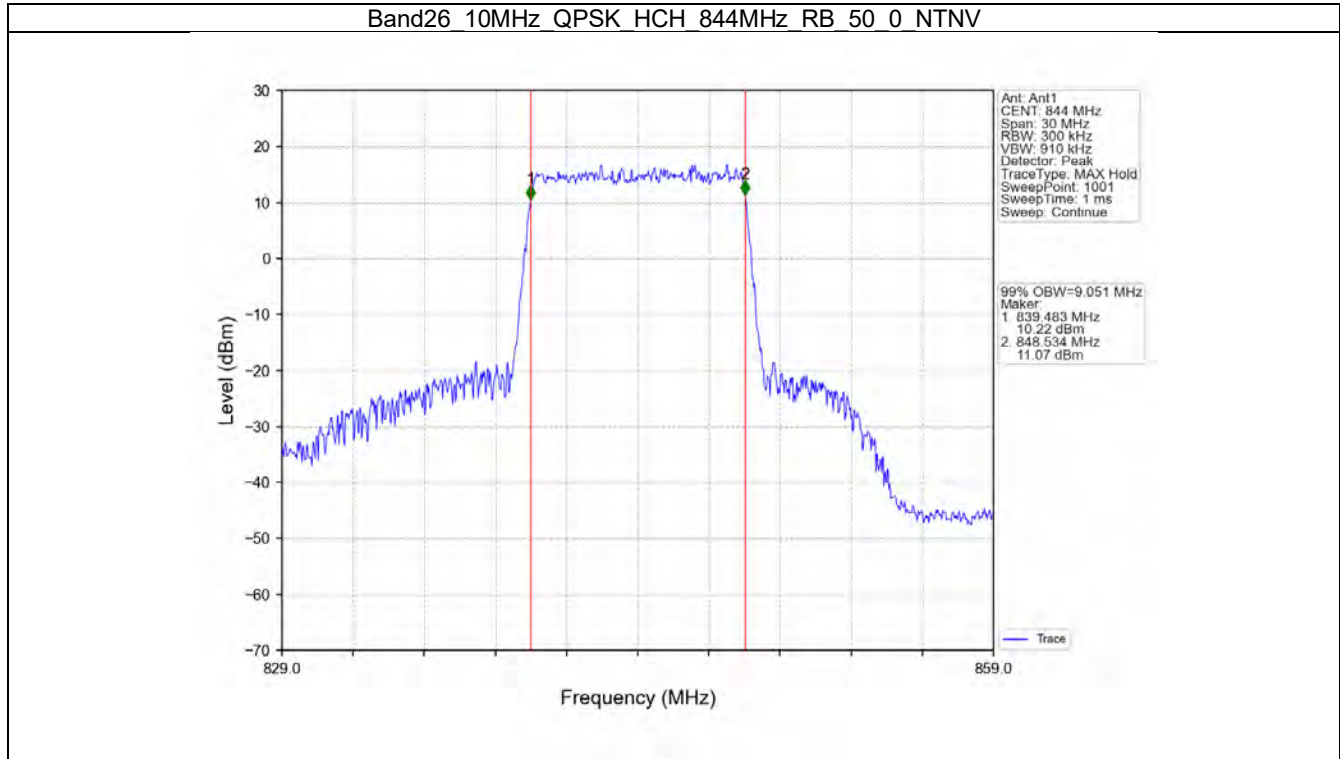
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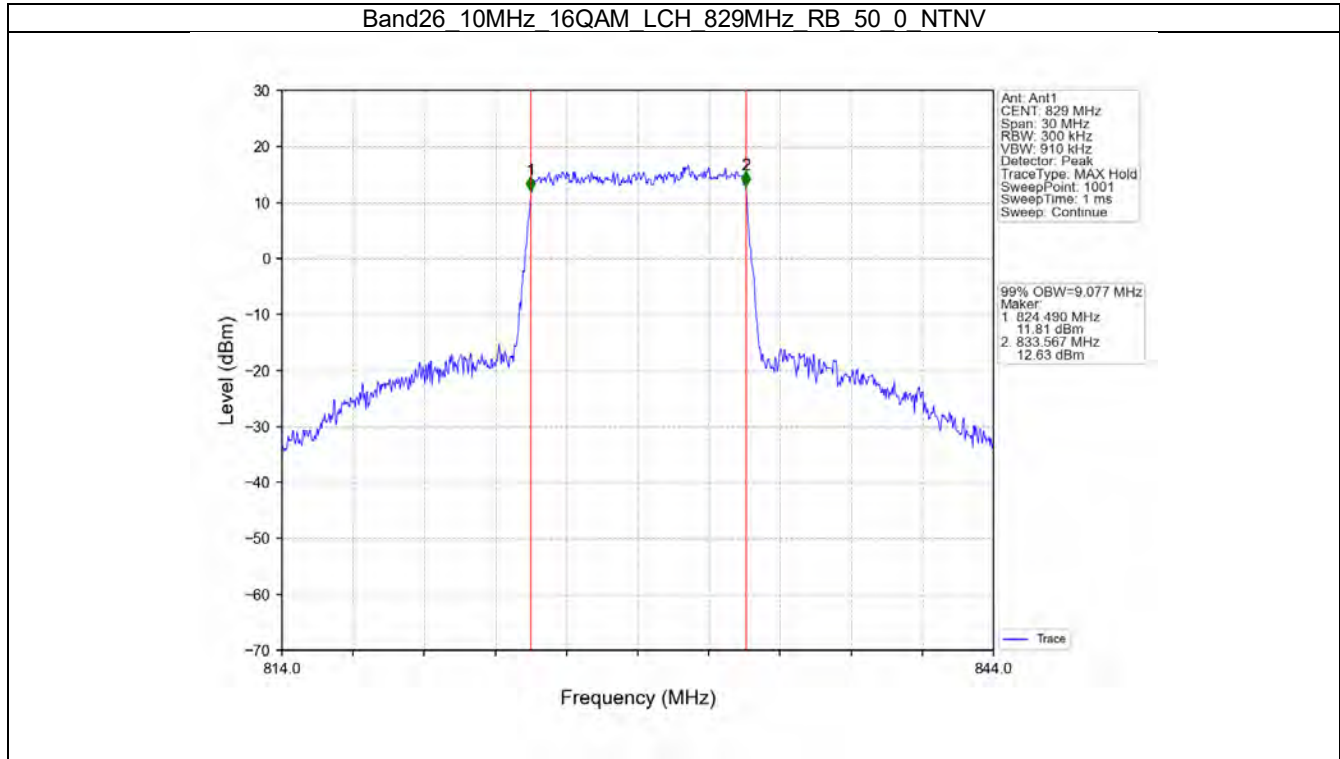
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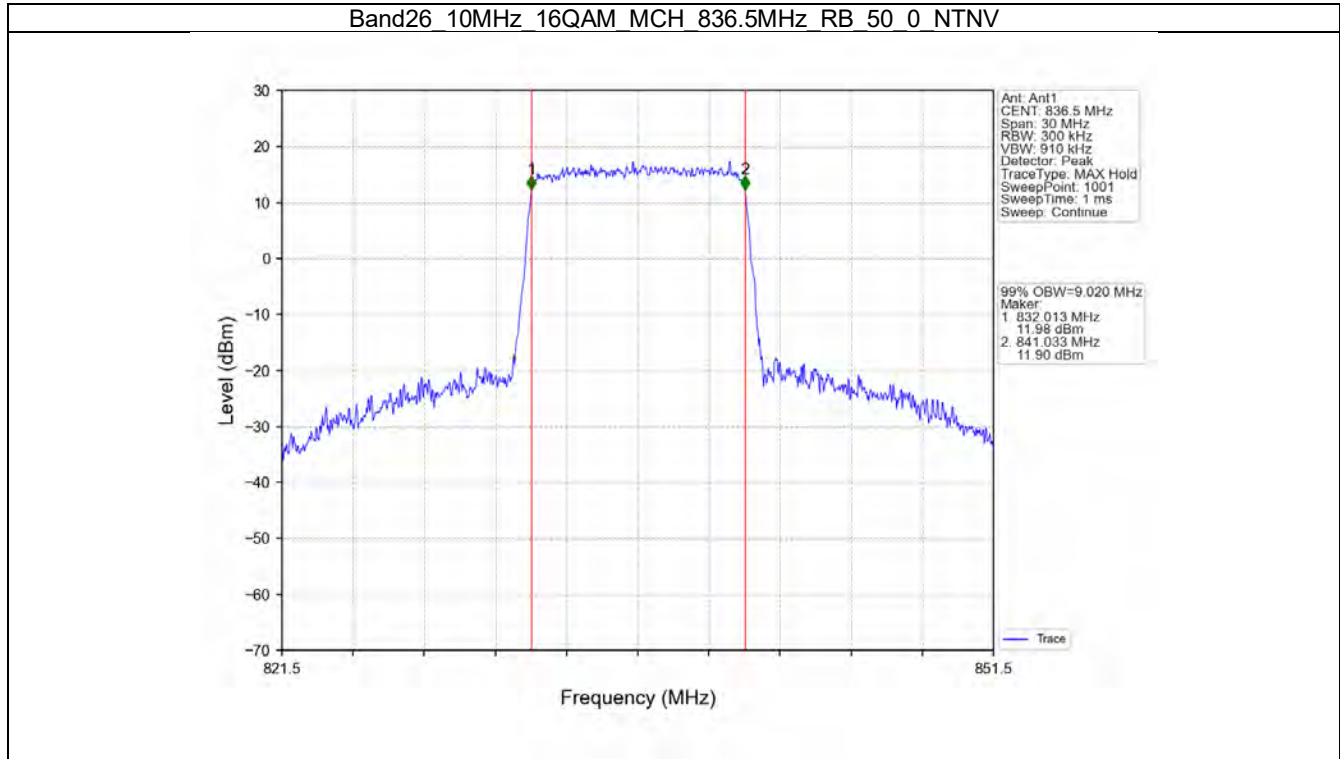
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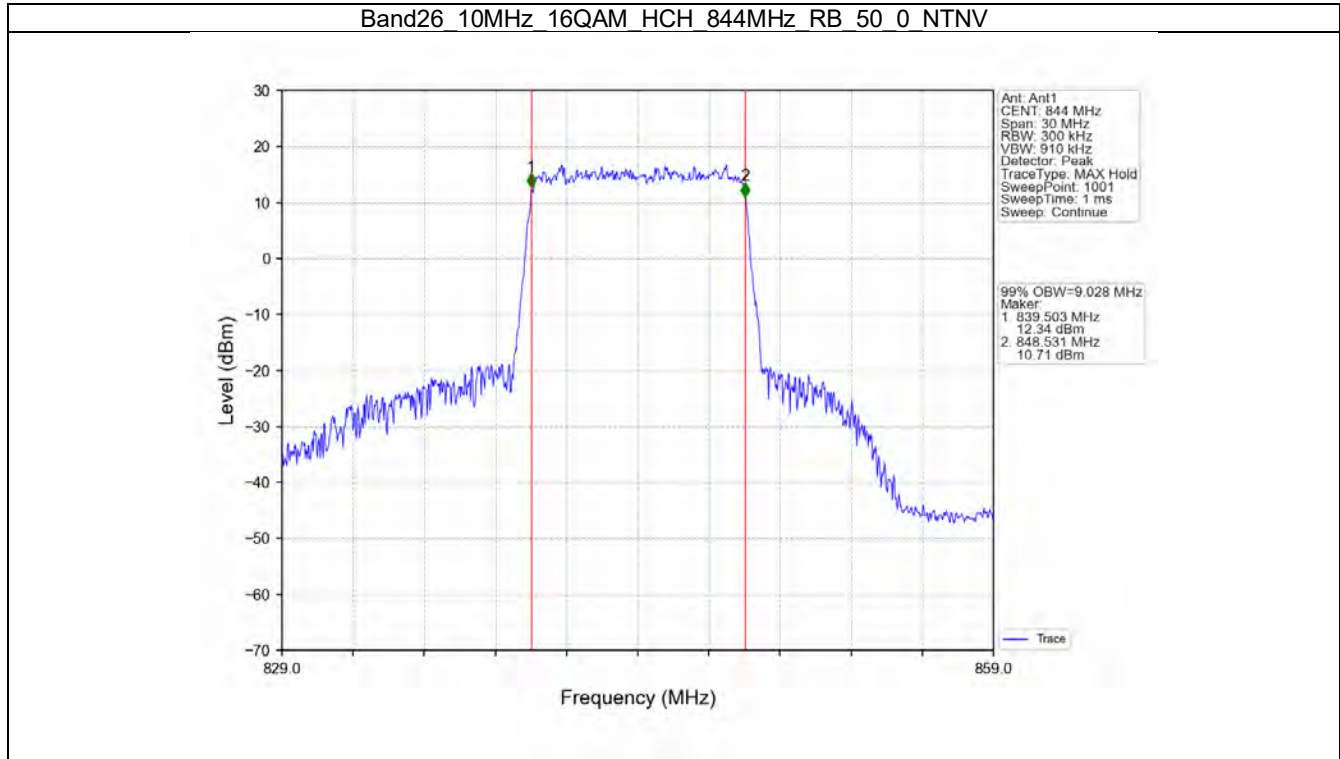
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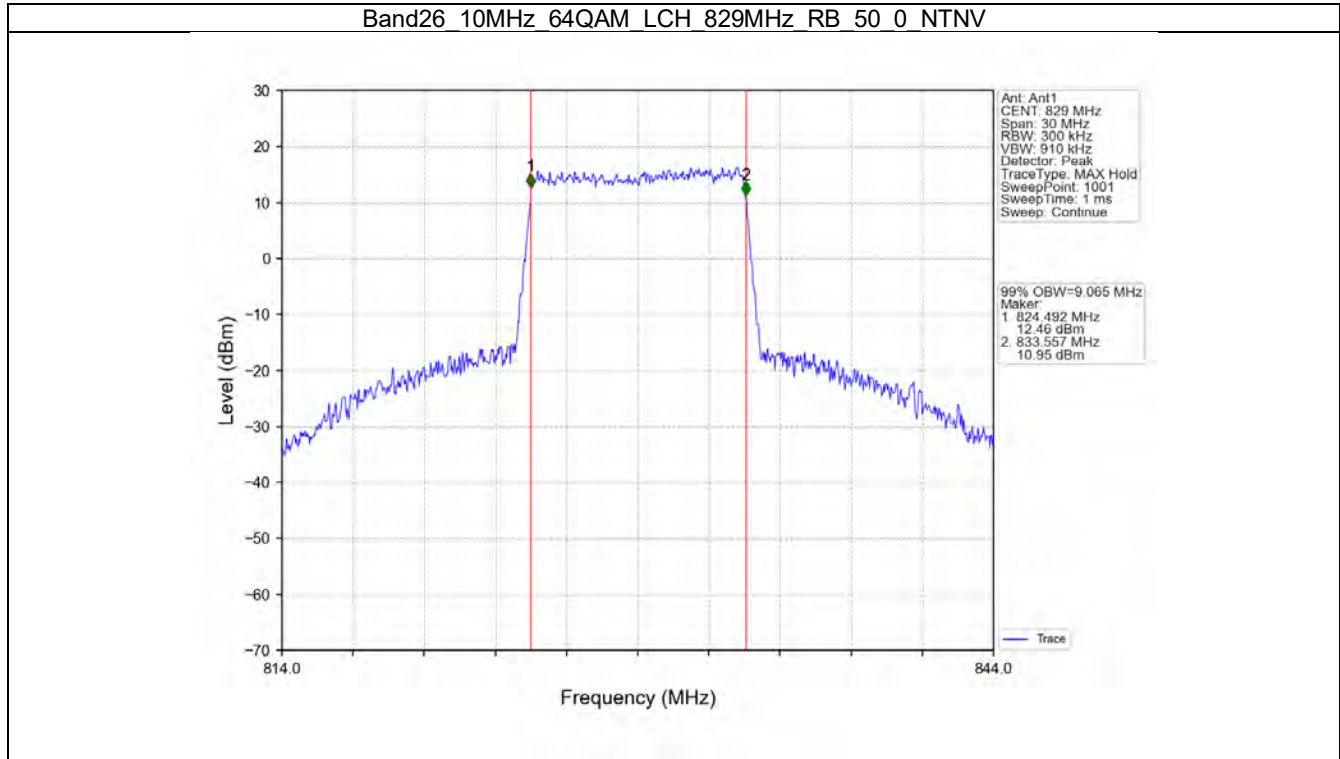
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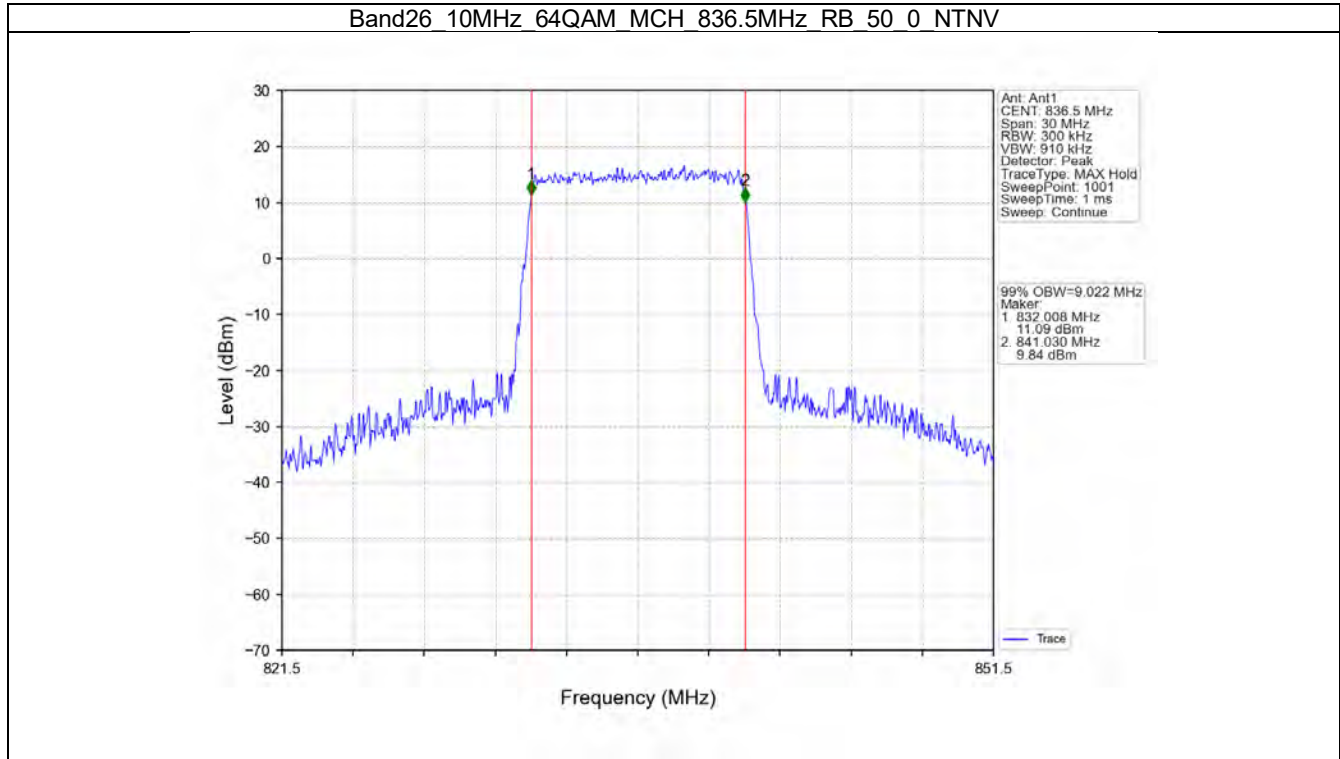
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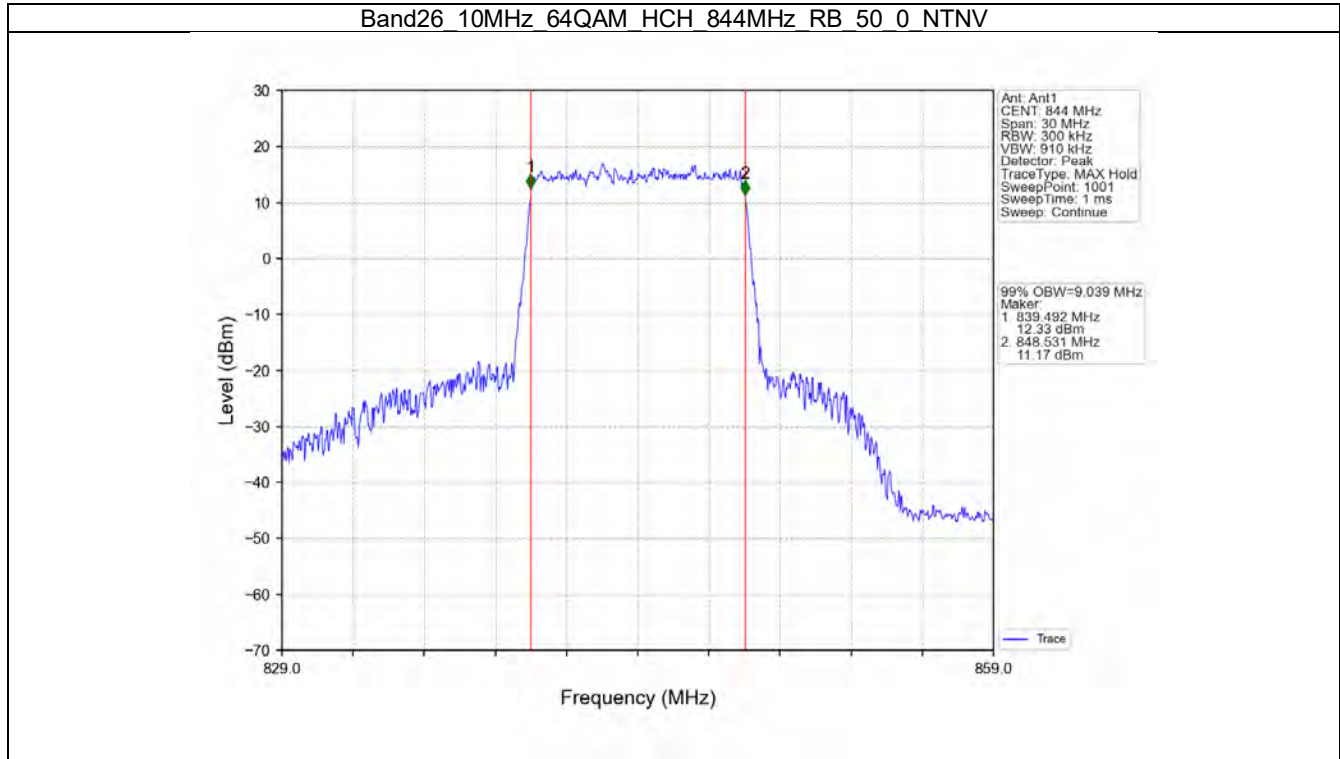
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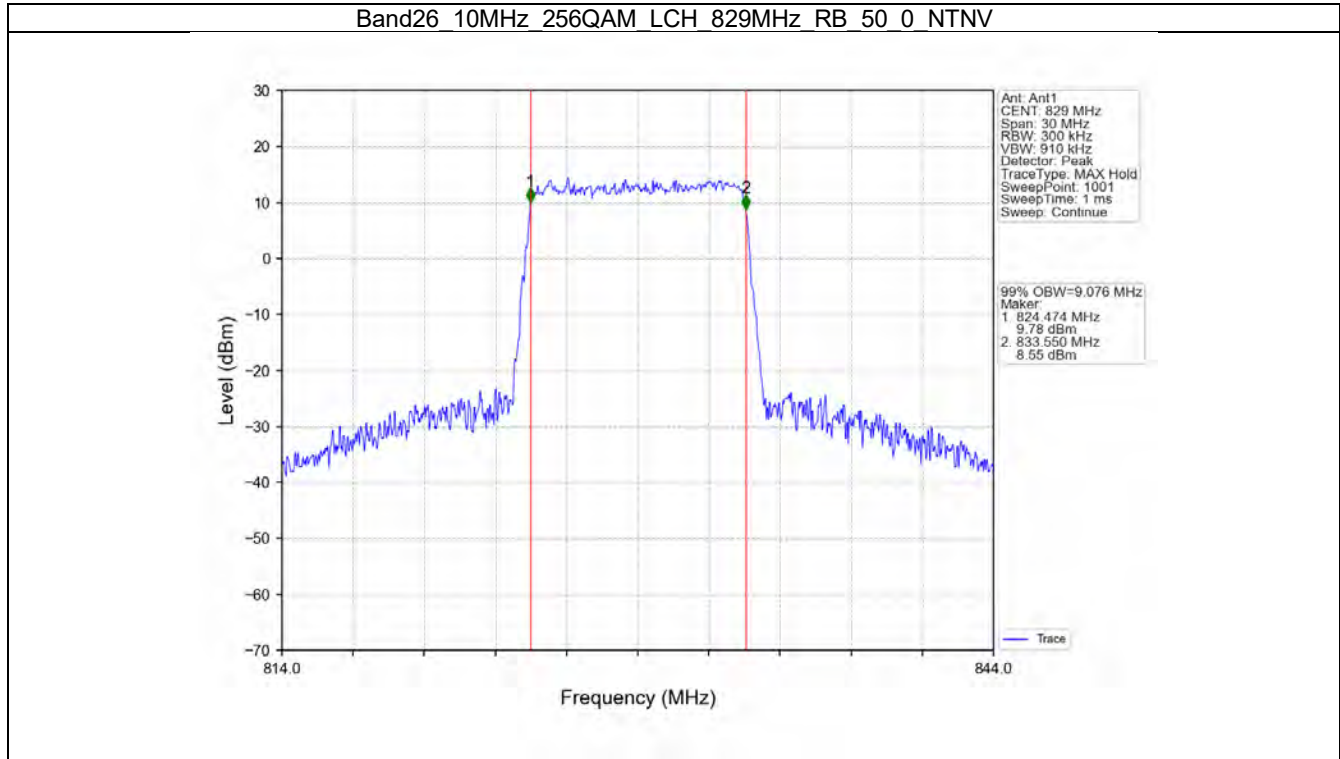
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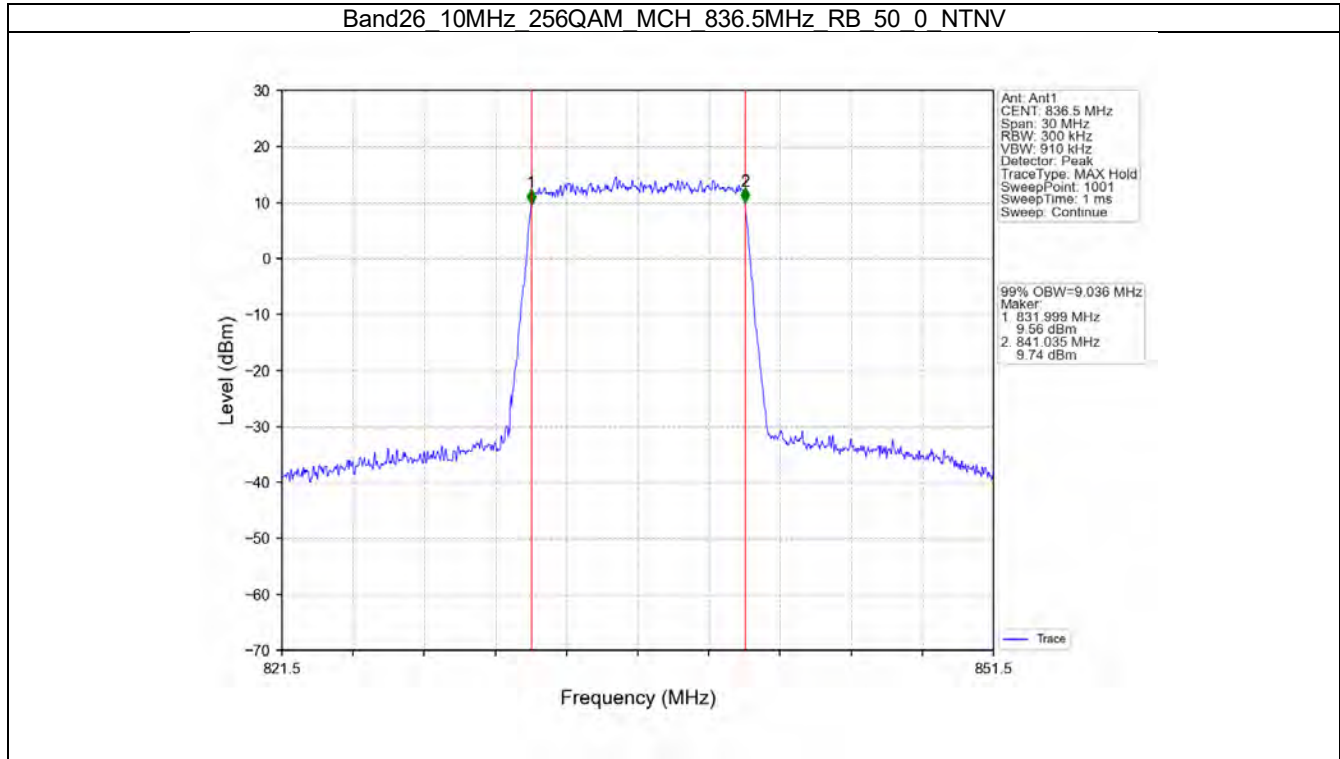


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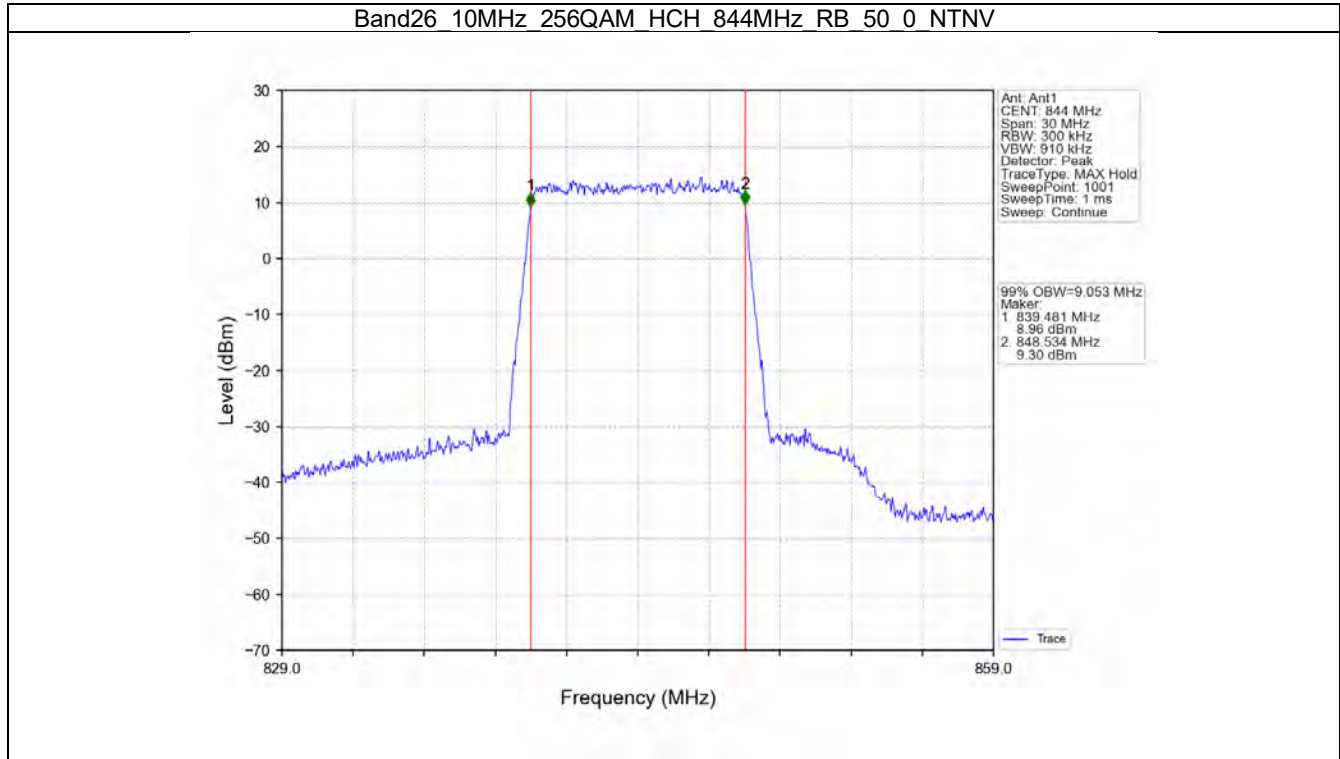
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3.2 Band26_OBW

3.2.1 Test Result

Band: 26c / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	13.514	/	Pass
		831.5	75	0	13.590	/	Pass
		841.5	75	0	13.571	/	Pass
	16QAM	821.5	75	0	13.560	/	Pass
		831.5	75	0	13.588	/	Pass
		841.5	75	0	13.579	/	Pass
	64QAM	821.5	75	0	13.537	/	Pass
		831.5	75	0	13.629	/	Pass
		841.5	75	0	13.604	/	Pass
	256QAM	821.5	75	0	13.588	/	Pass
		831.5	75	0	13.638	/	Pass
		841.5	75	0	13.652	/	Pass



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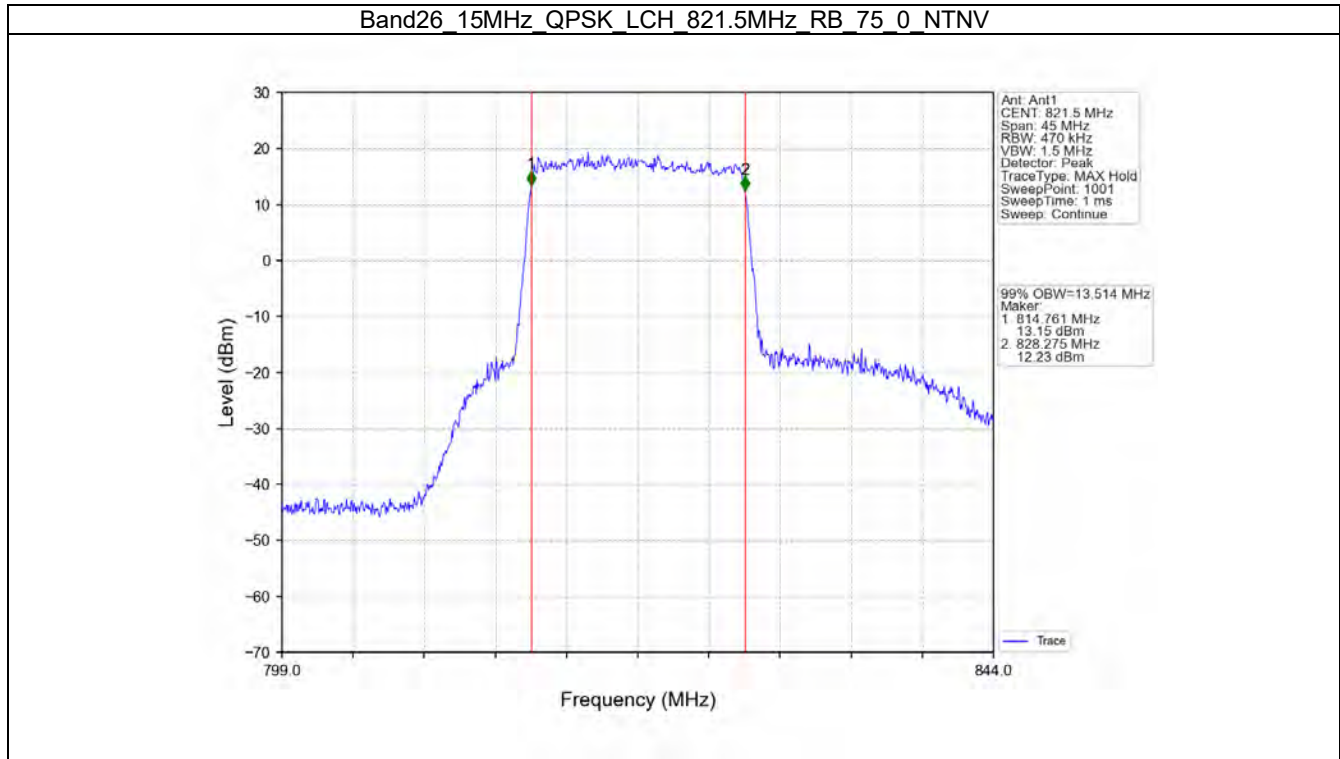
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3.1.2 Test Graph



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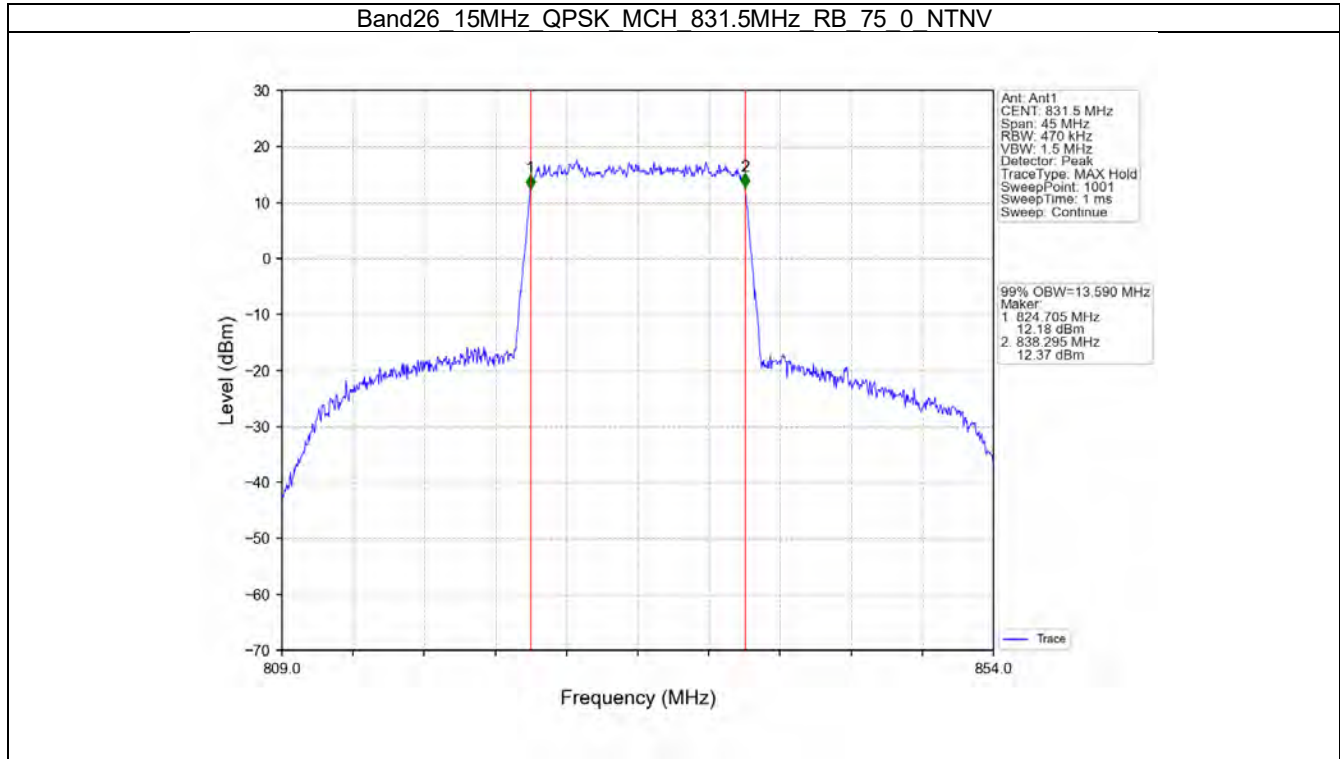
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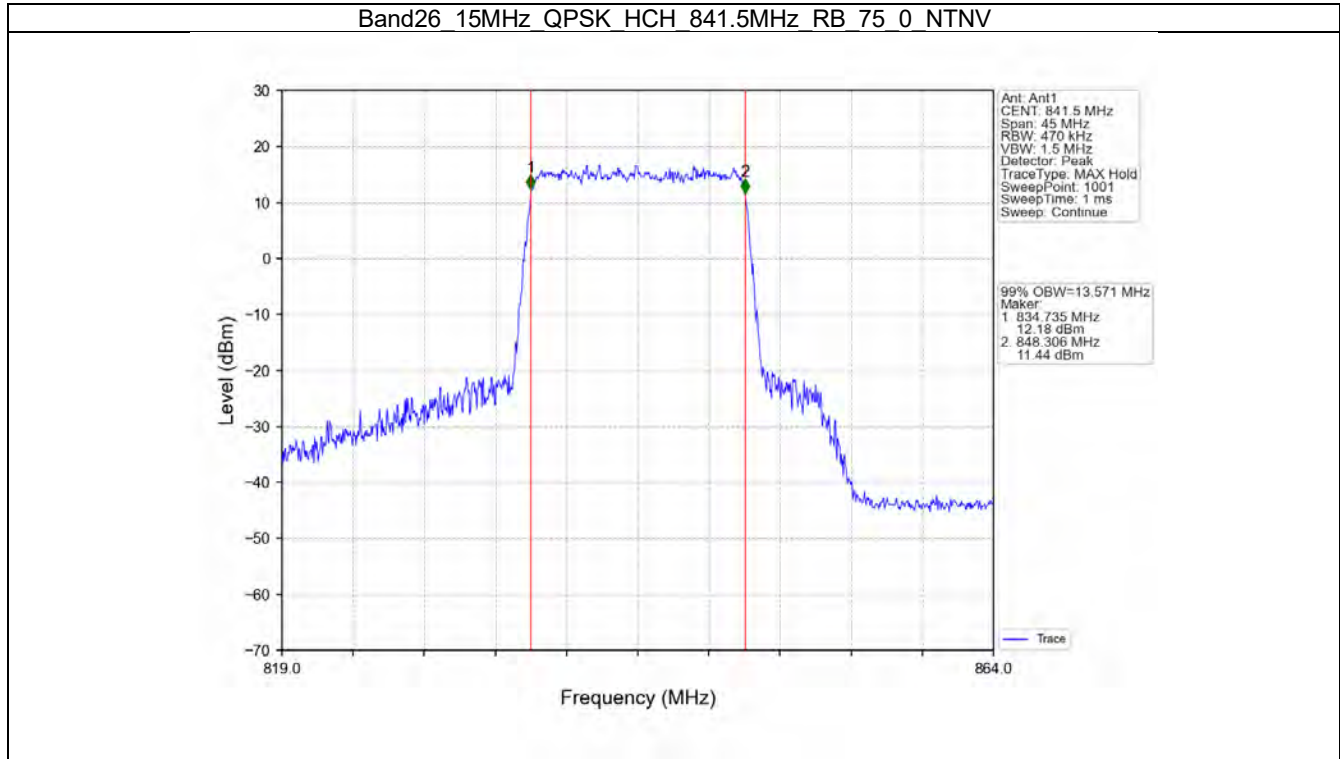
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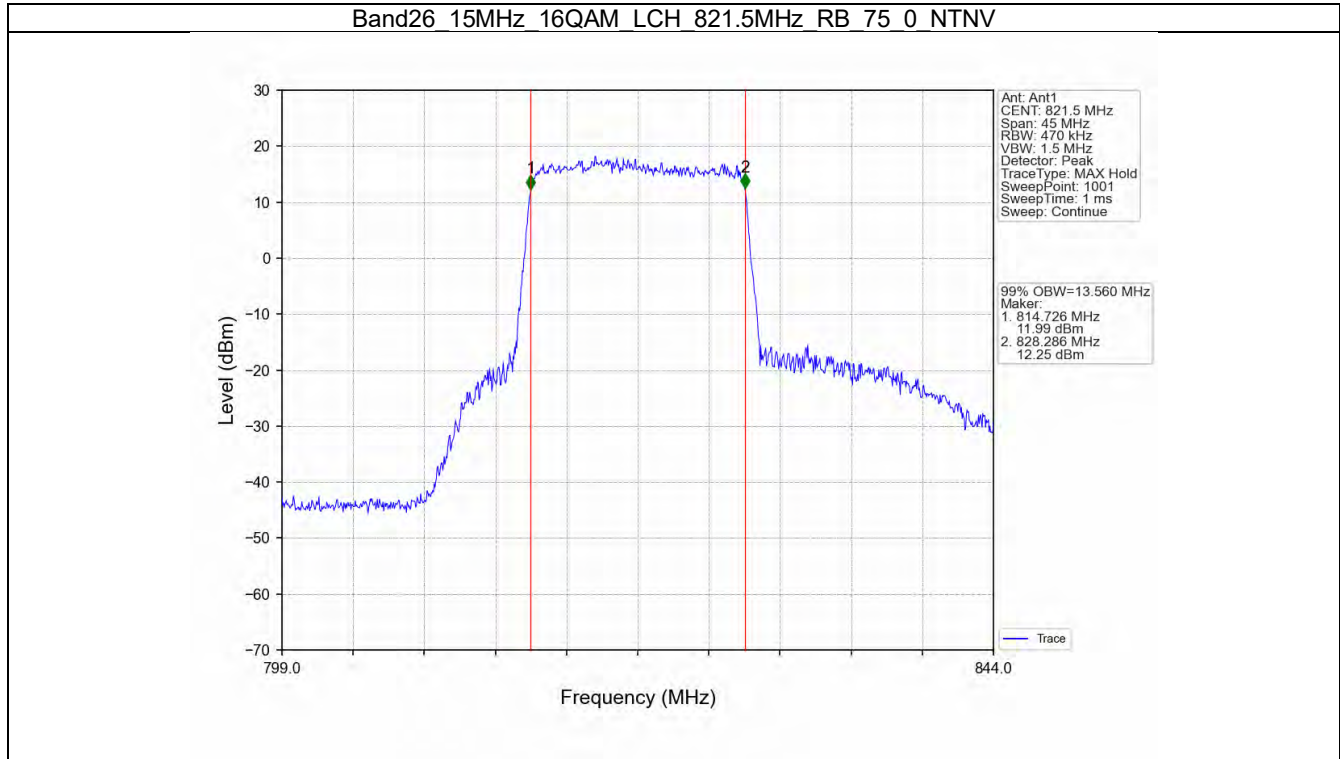
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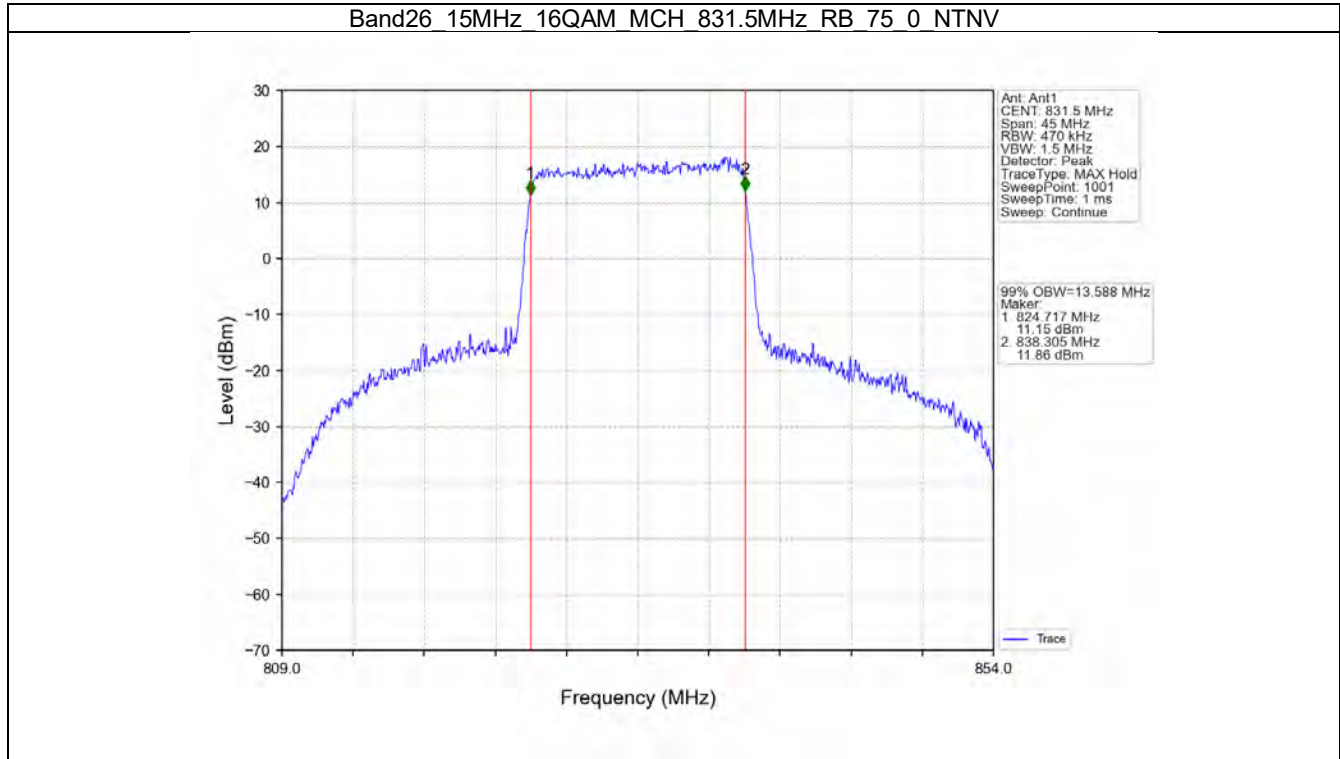
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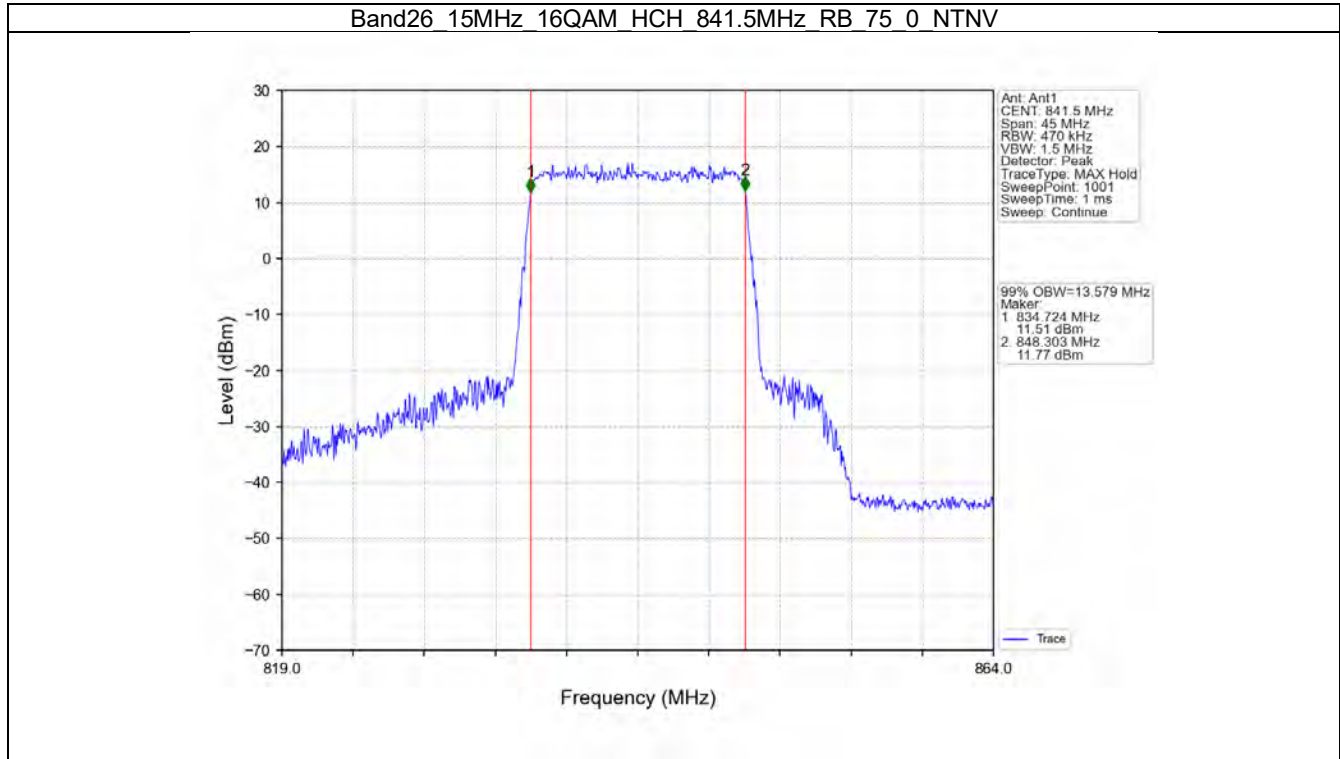
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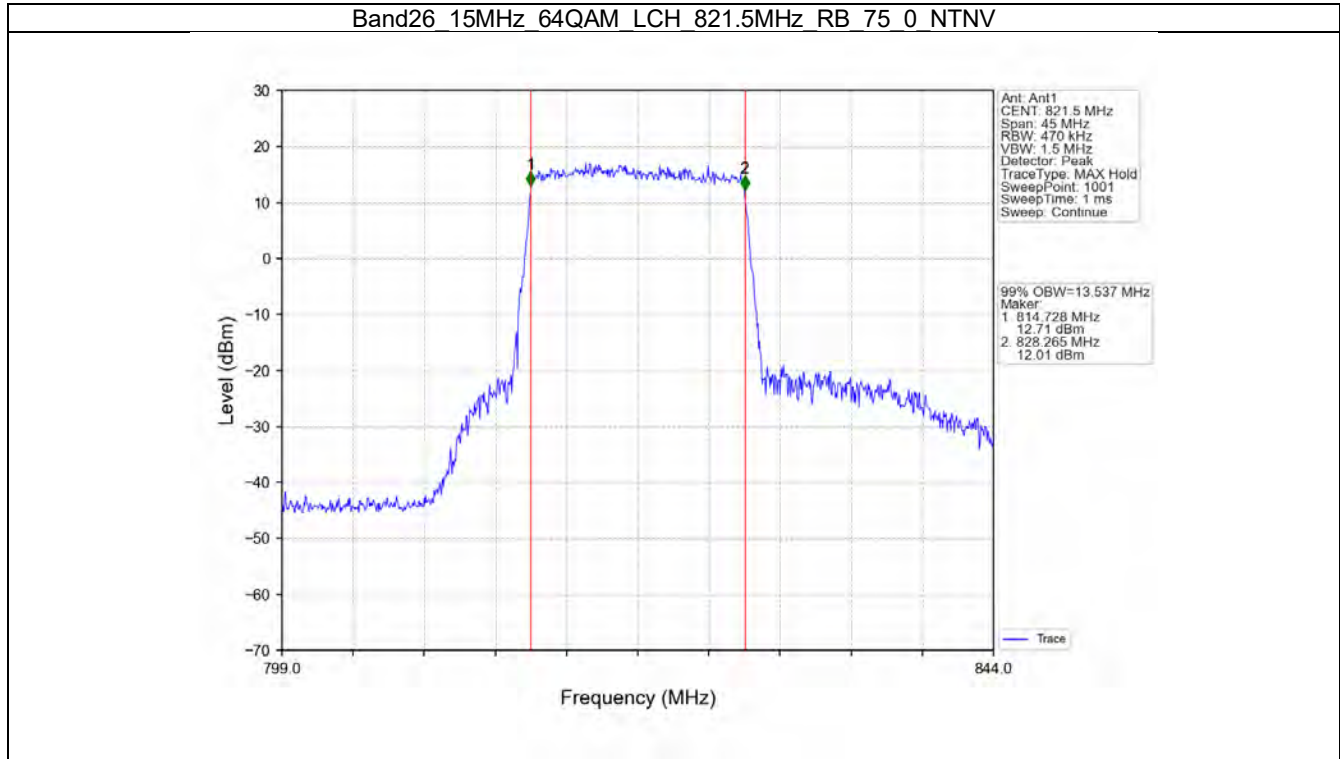
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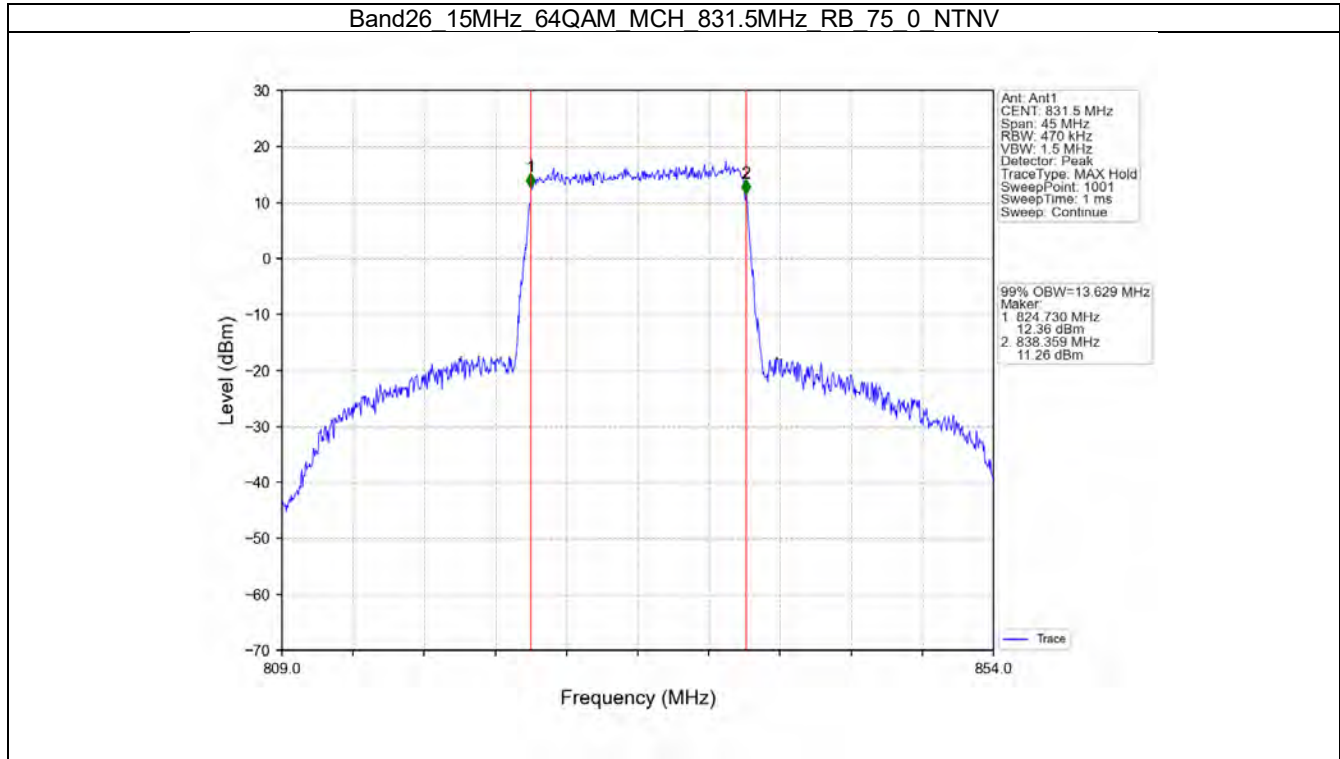
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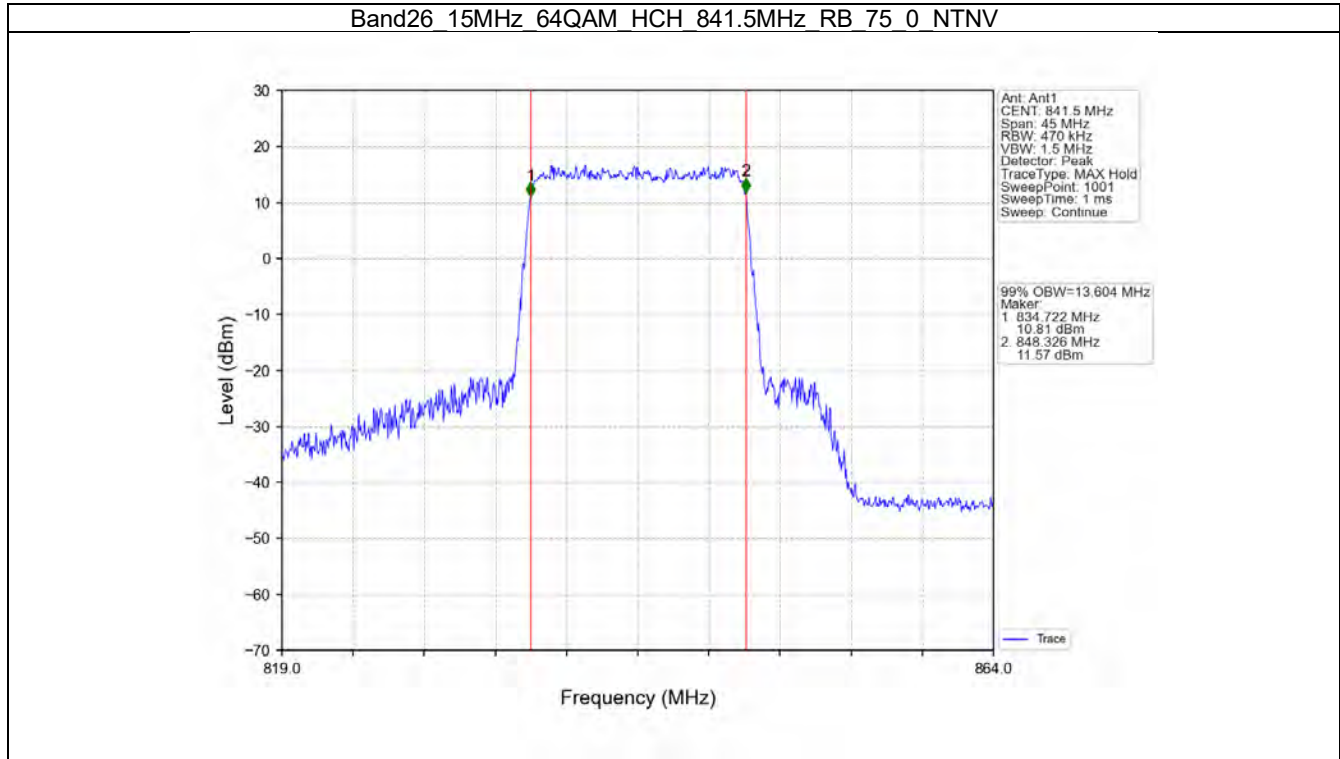
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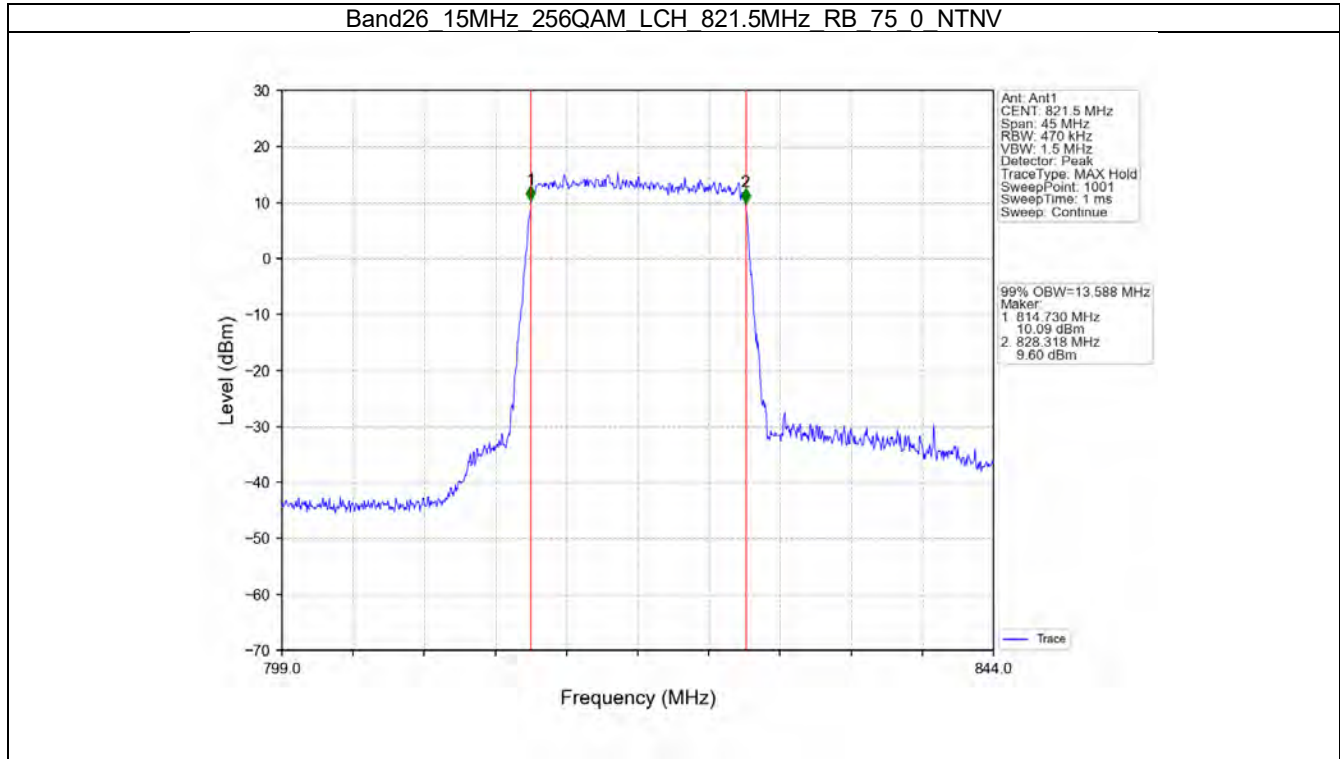
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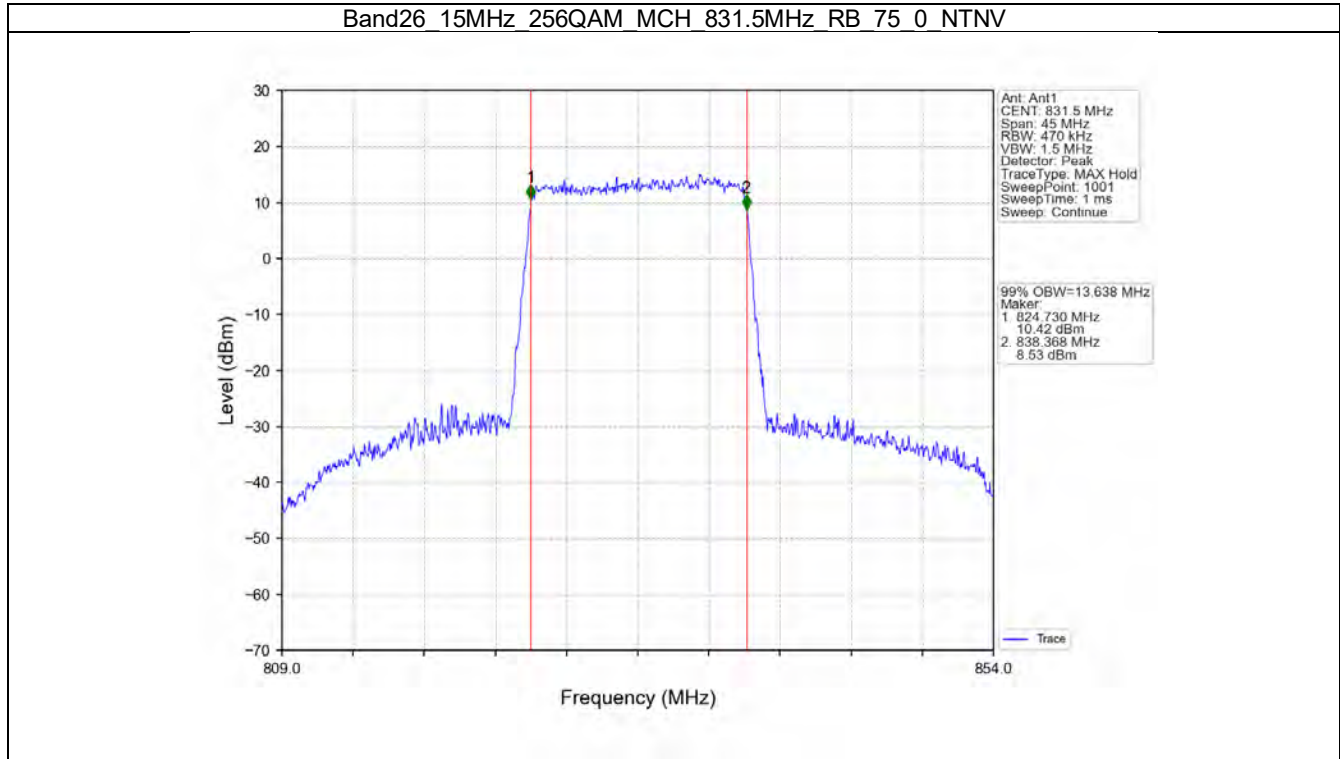
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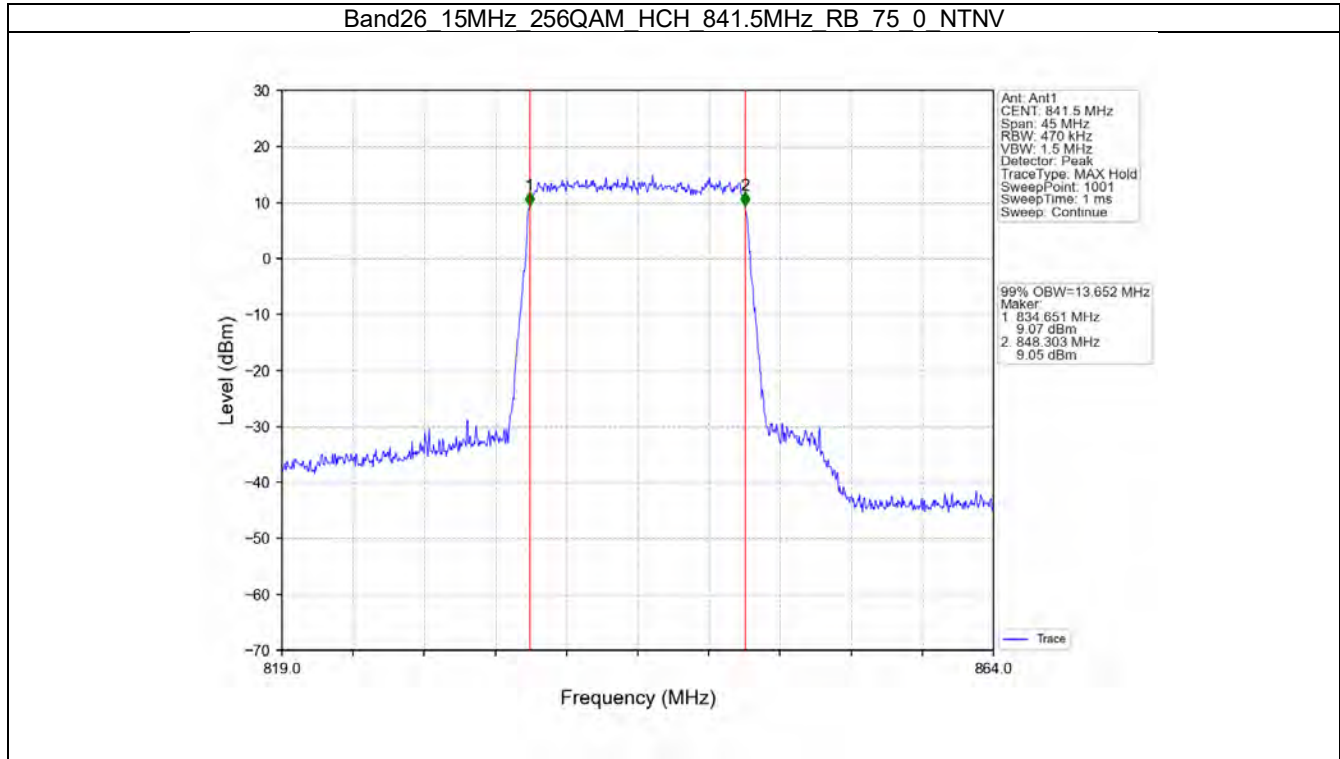
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3.3 Band26_XDB

3.3.1 Test Result

Band: 26b / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	824.7	6	0	1.333	/	Pass
		836.5	6	0	1.319	/	Pass
		848.3	6	0	1.317	/	Pass
	16QAM	824.7	6	0	1.322	/	Pass
		836.5	6	0	1.316	/	Pass
		848.3	6	0	1.329	/	Pass
	64QAM	824.7	6	0	1.349	/	Pass
		836.5	6	0	1.348	/	Pass
		848.3	6	0	1.313	/	Pass
	256QAM	824.7	6	0	1.306	/	Pass
		836.5	6	0	1.313	/	Pass
		848.3	6	0	1.315	/	Pass
3	QPSK	825.5	15	0	3.031	/	Pass
		836.5	15	0	3.034	/	Pass
		847.5	15	0	3.018	/	Pass
	16QAM	825.5	15	0	3.015	/	Pass
		836.5	15	0	3.029	/	Pass
		847.5	15	0	3.026	/	Pass
	64QAM	825.5	15	0	3.034	/	Pass
		836.5	15	0	3.020	/	Pass
		847.5	15	0	3.018	/	Pass
	256QAM	825.5	15	0	3.023	/	Pass
		836.5	15	0	3.028	/	Pass
		847.5	15	0	3.020	/	Pass
5	QPSK	826.5	25	0	5.076	/	Pass
		836.5	25	0	5.028	/	Pass
		846.5	25	0	5.083	/	Pass
	16QAM	826.5	25	0	5.041	/	Pass
		836.5	25	0	5.064	/	Pass
		846.5	25	0	5.065	/	Pass
	64QAM	826.5	25	0	5.069	/	Pass
		836.5	25	0	5.070	/	Pass
		846.5	25	0	5.040	/	Pass
	256QAM	826.5	25	0	5.118	/	Pass
		836.5	25	0	5.028	/	Pass
		846.5	25	0	5.071	/	Pass
10	QPSK	829	50	0	9.964	/	Pass
		836.5	50	0	9.970	/	Pass
		844	50	0	9.982	/	Pass
	16QAM	829	50	0	9.984	/	Pass



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	64QAM	836.5	50	0	9.926	/	Pass
		844	50	0	9.996	/	Pass
		829	50	0	9.994	/	Pass
		836.5	50	0	9.864	/	Pass
		844	50	0	10.038	/	Pass
	256QAM	829	50	0	9.998	/	Pass
		836.5	50	0	9.918	/	Pass
		844	50	0	10.002	/	Pass



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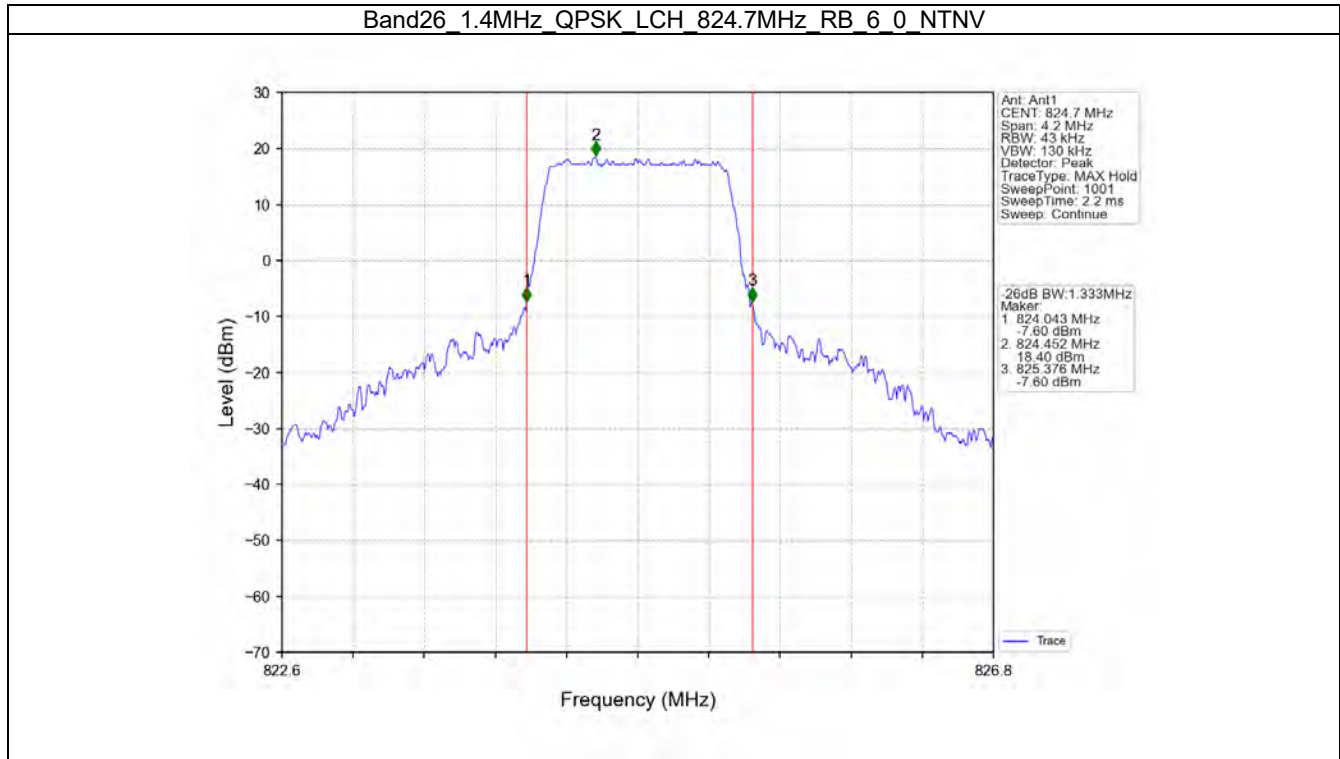
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3.3.2 Test Graph



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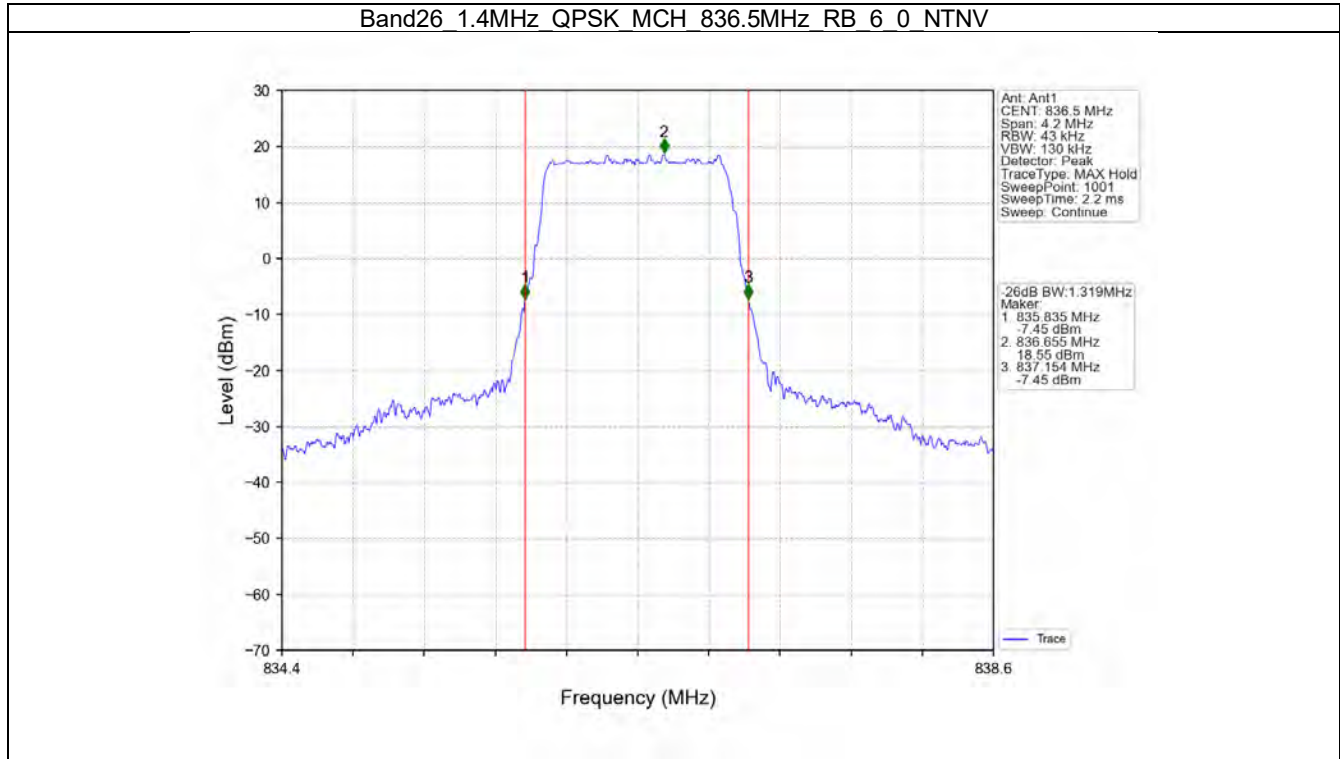
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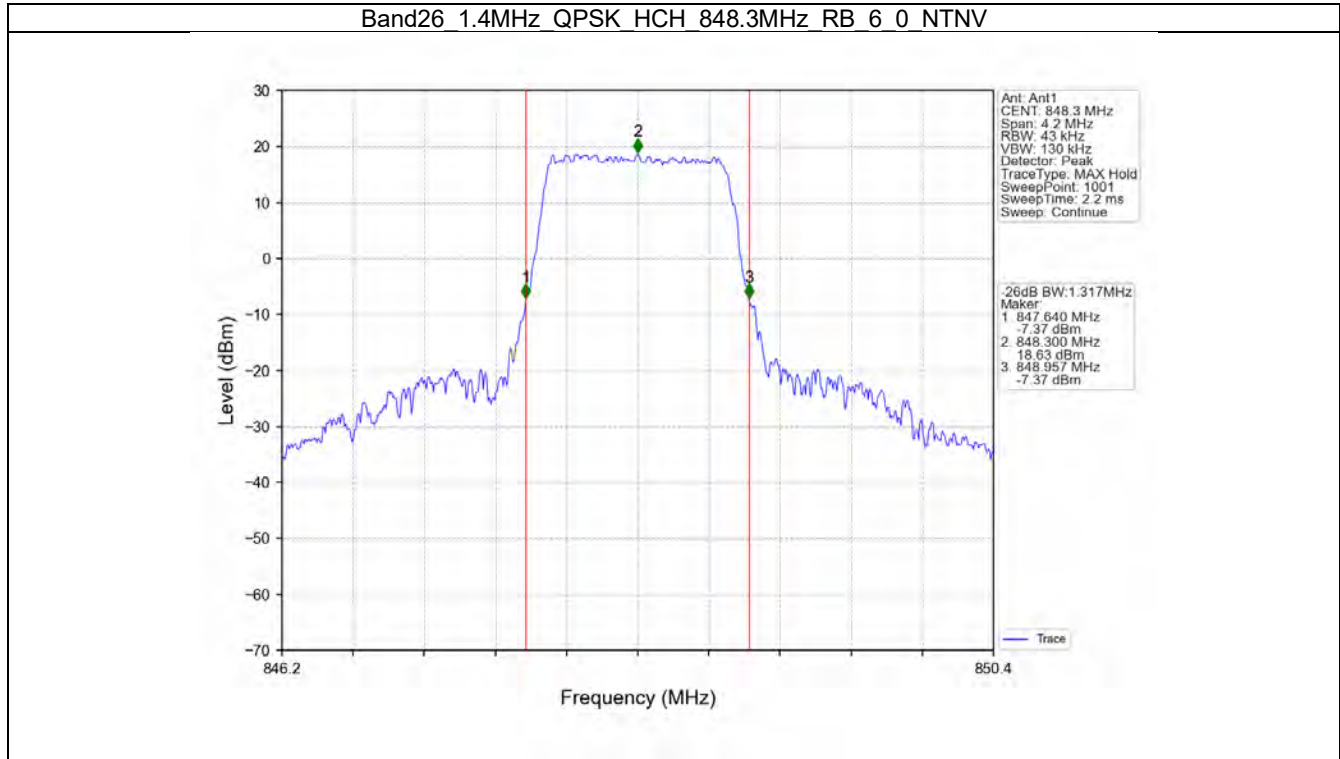
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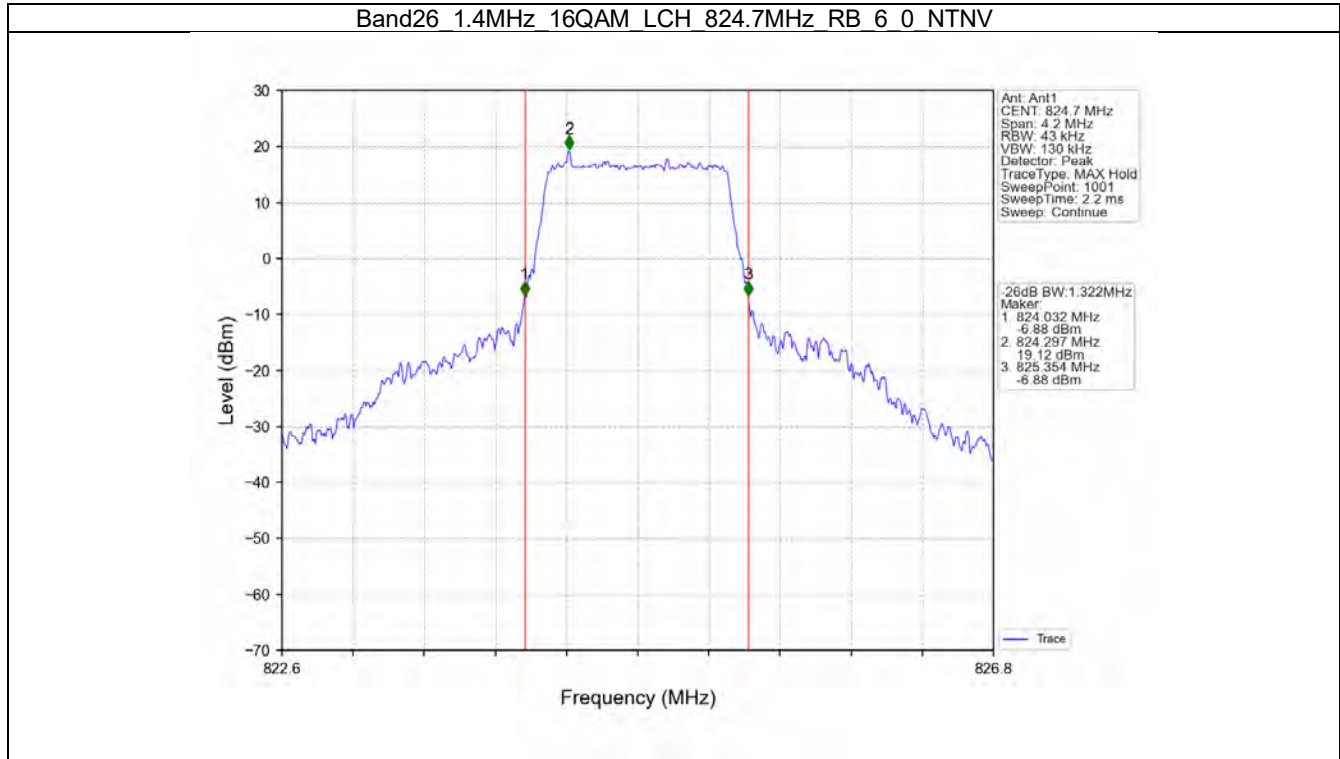
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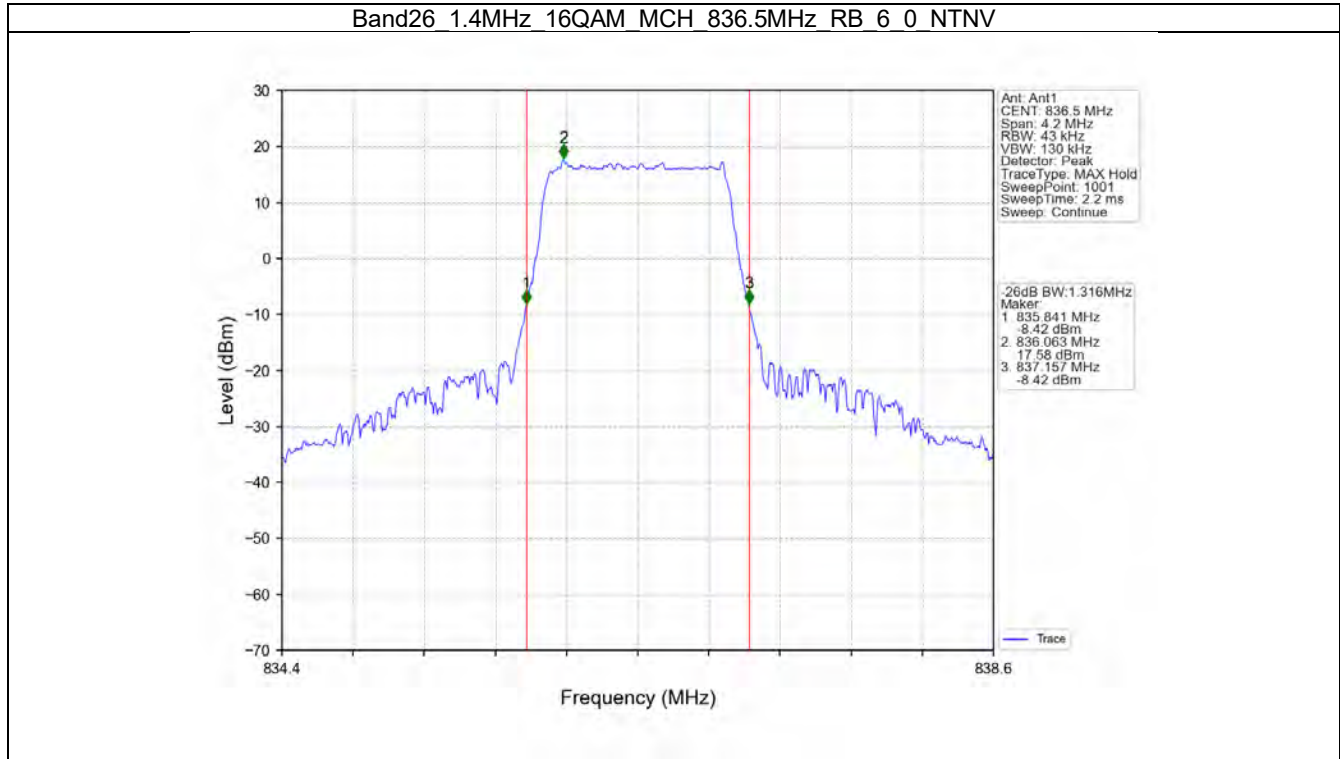
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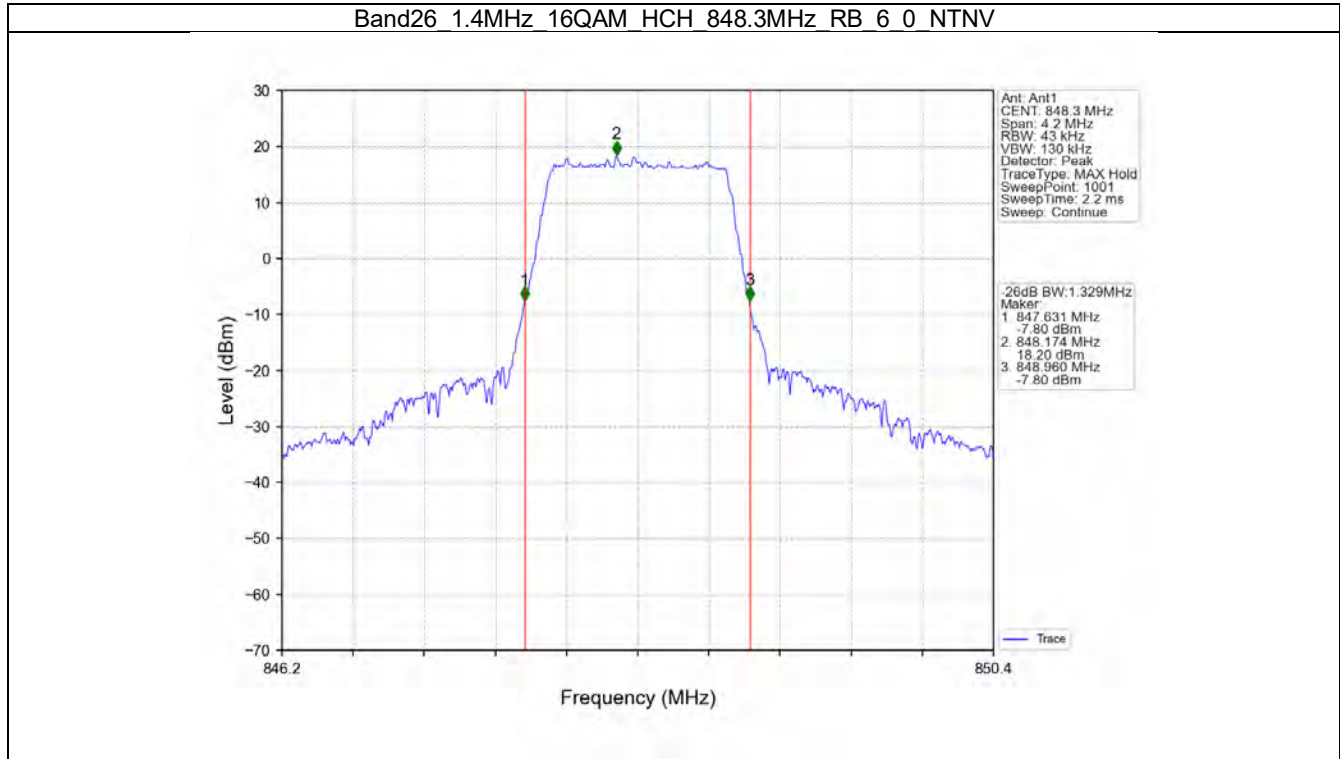
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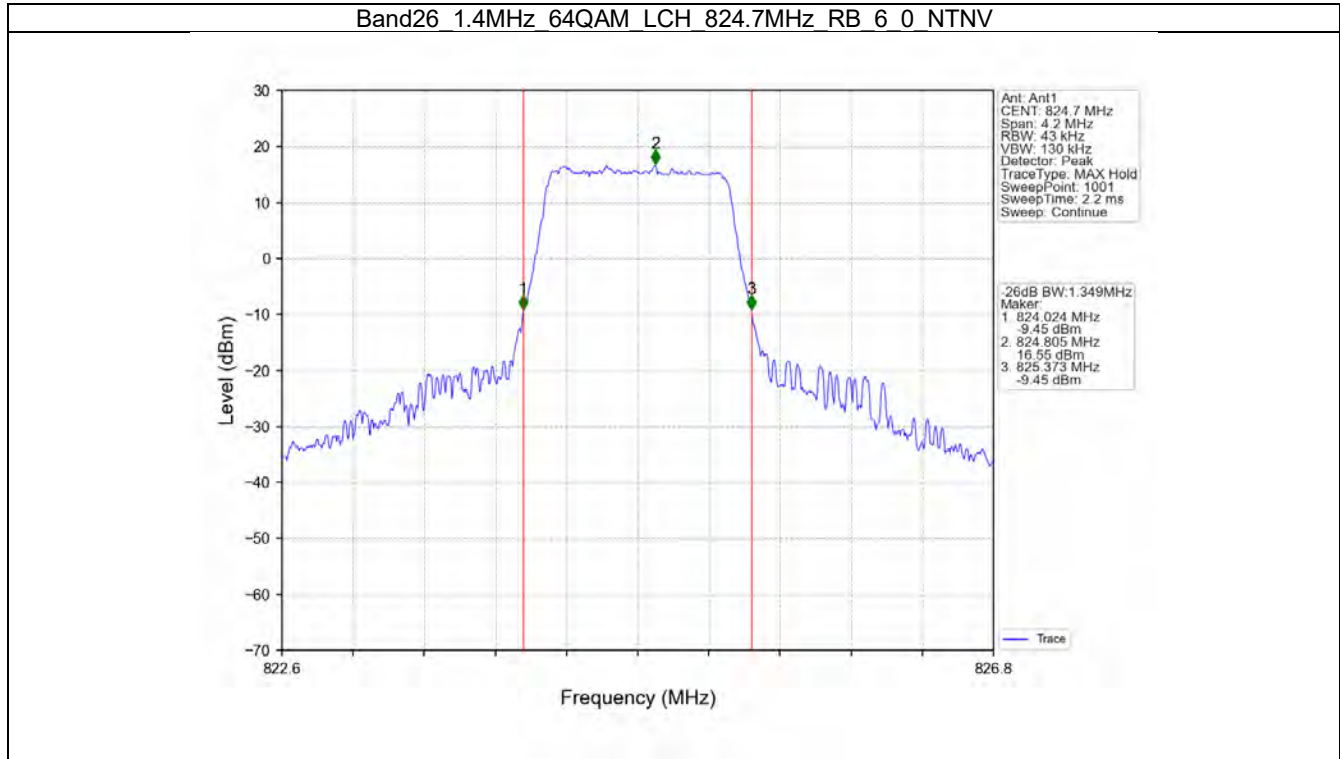
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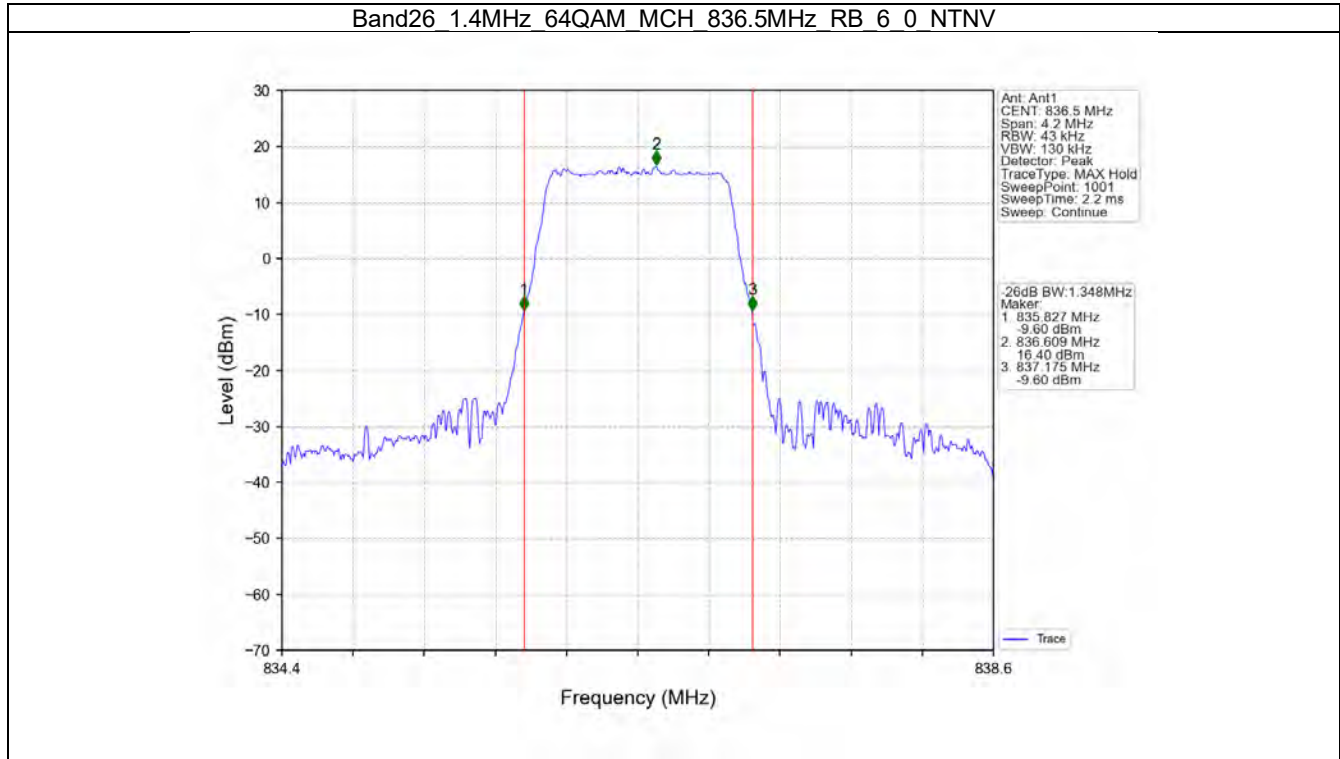
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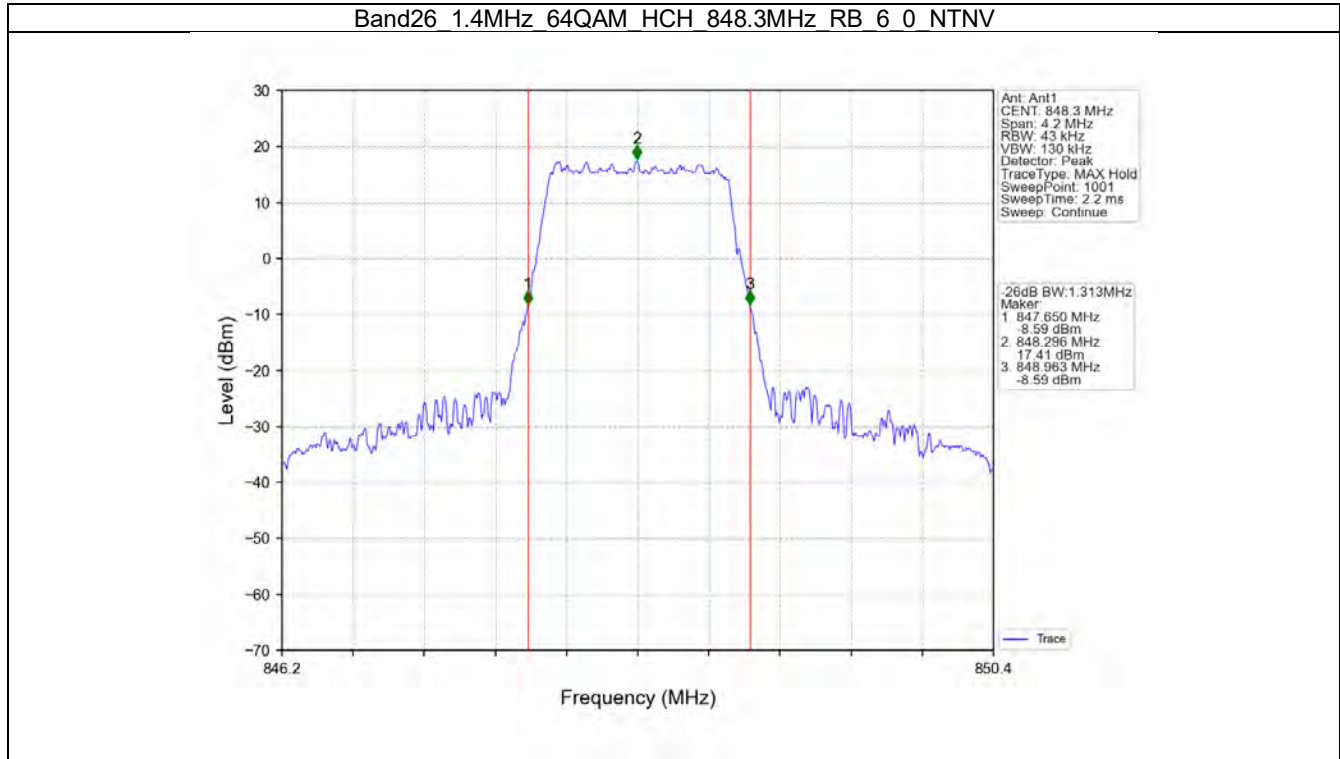
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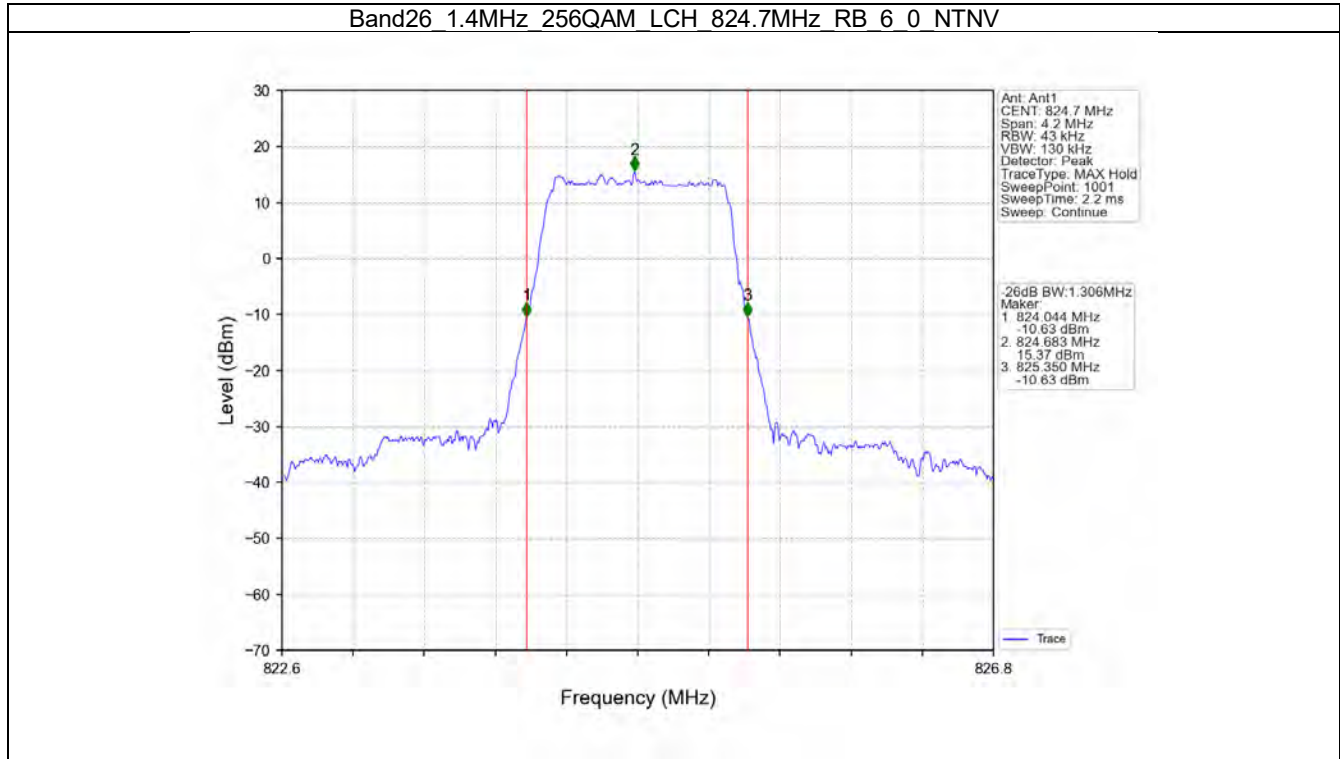
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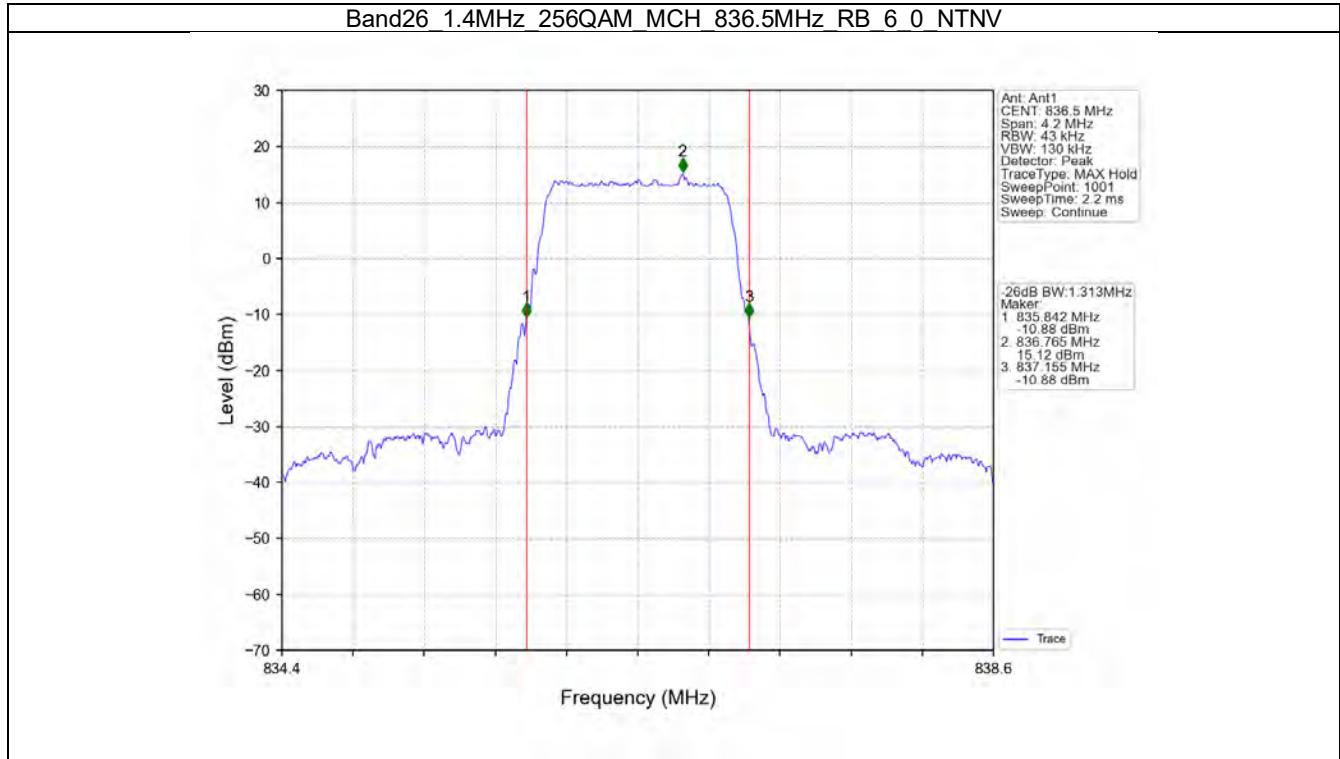
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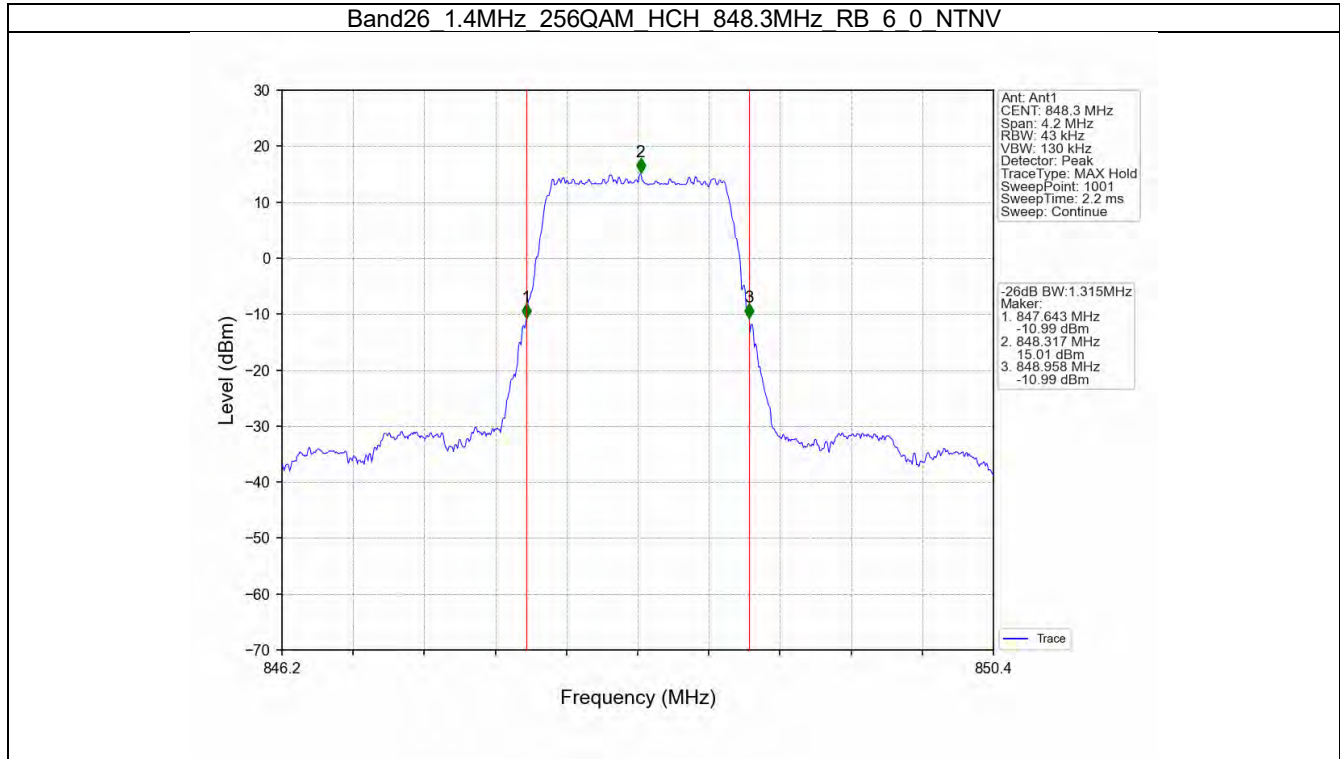
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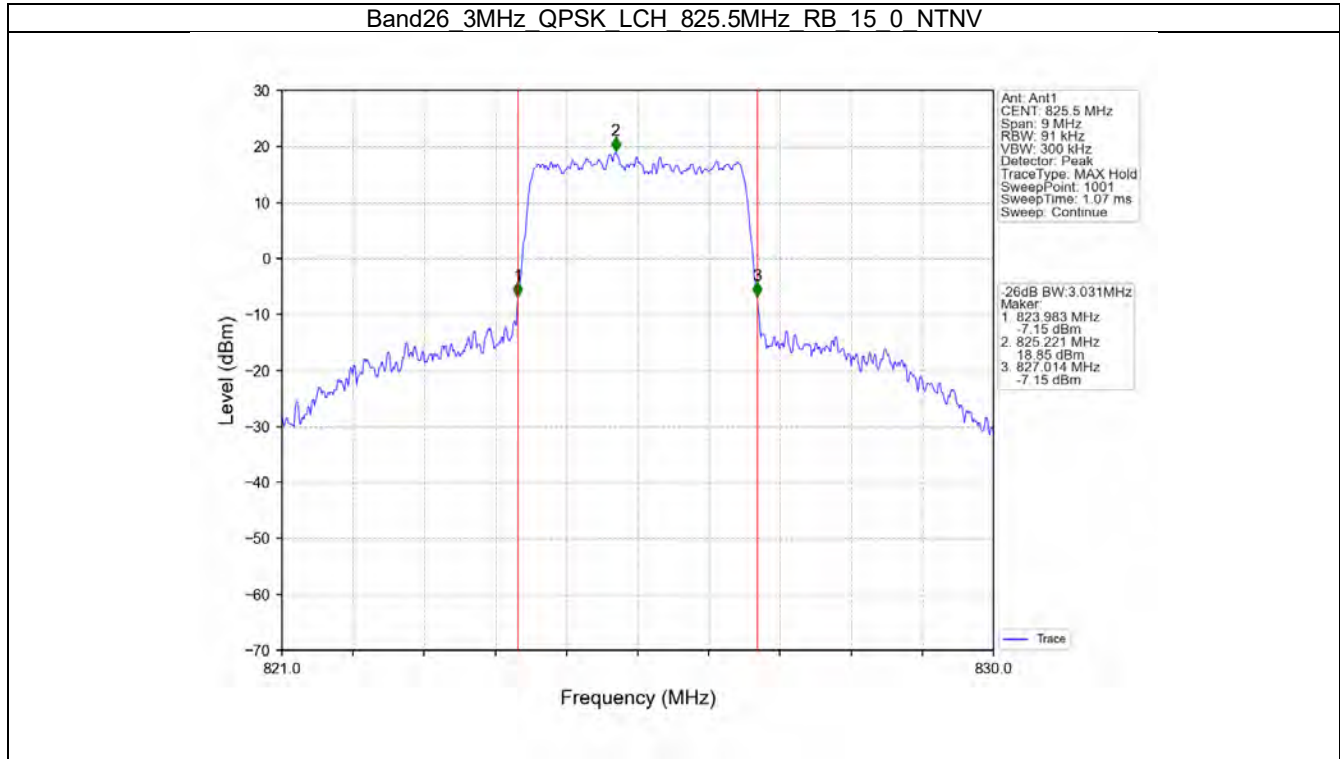
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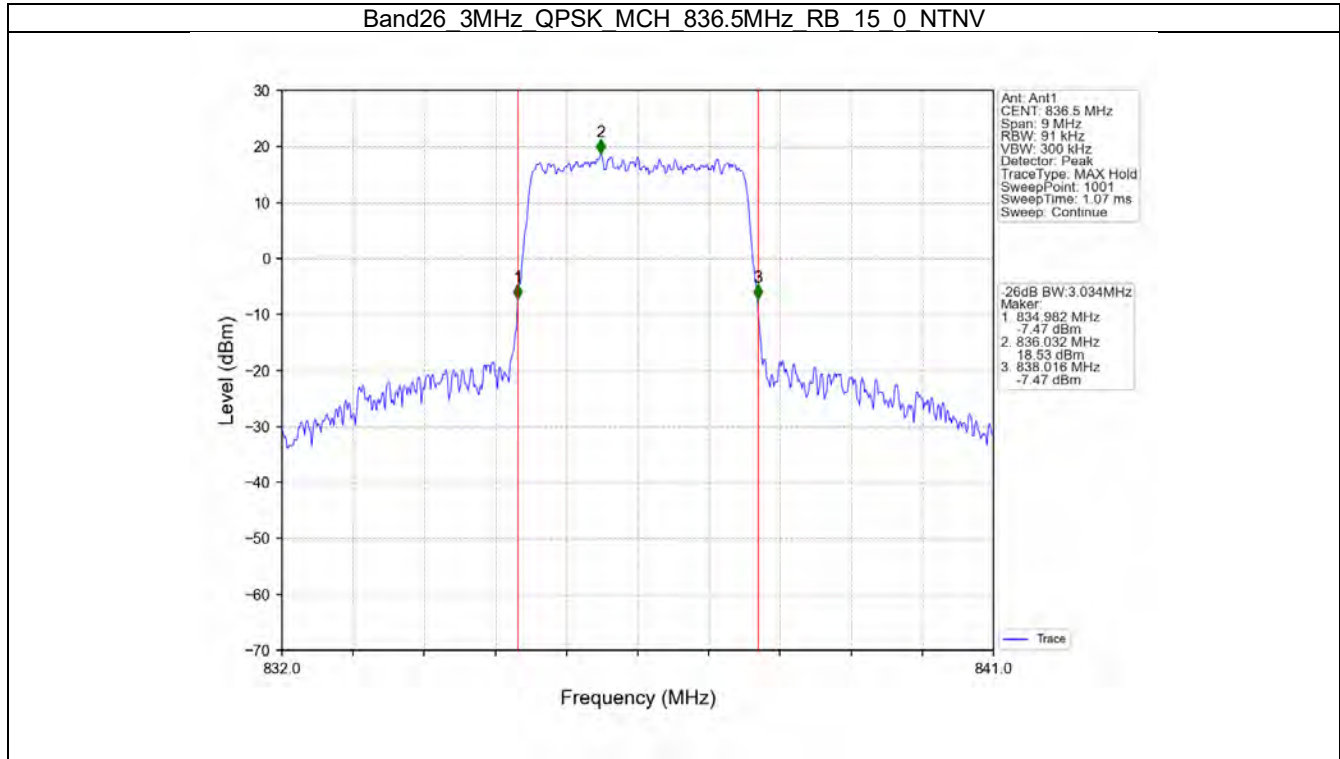
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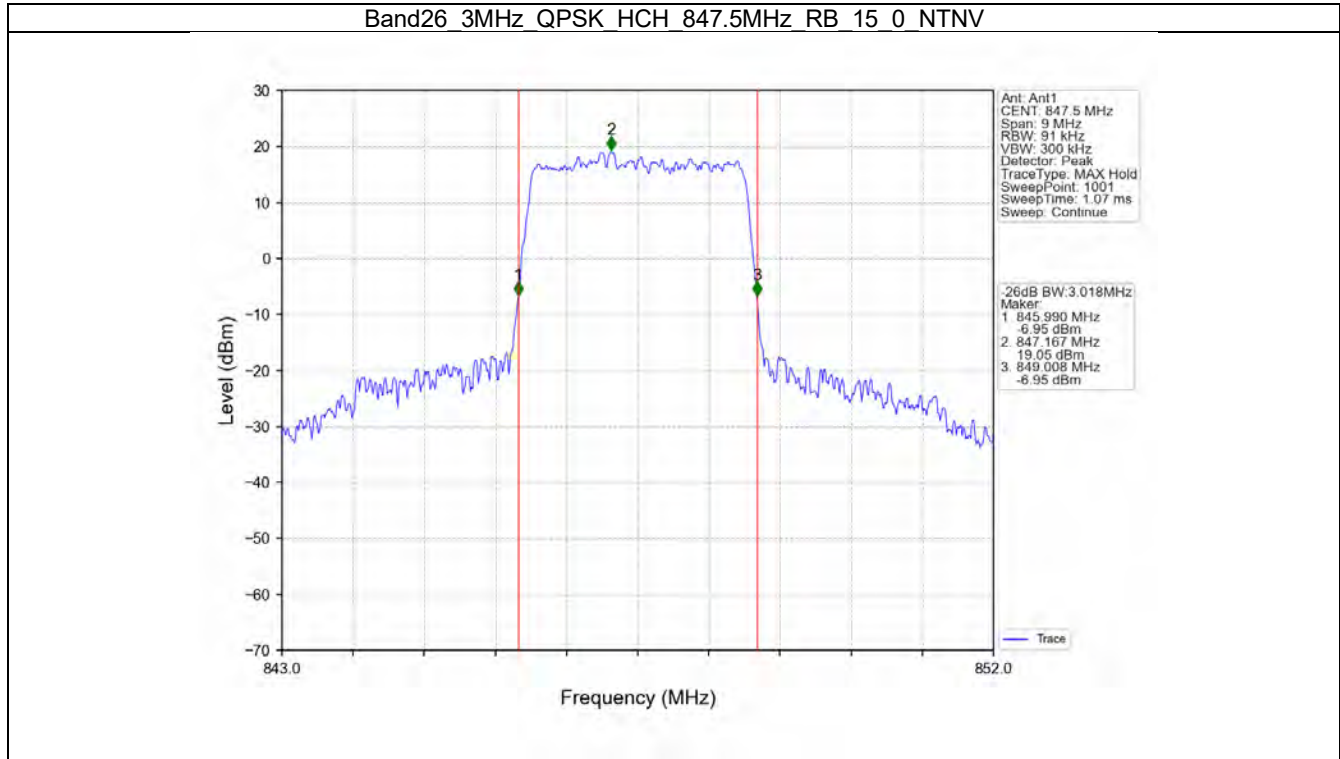
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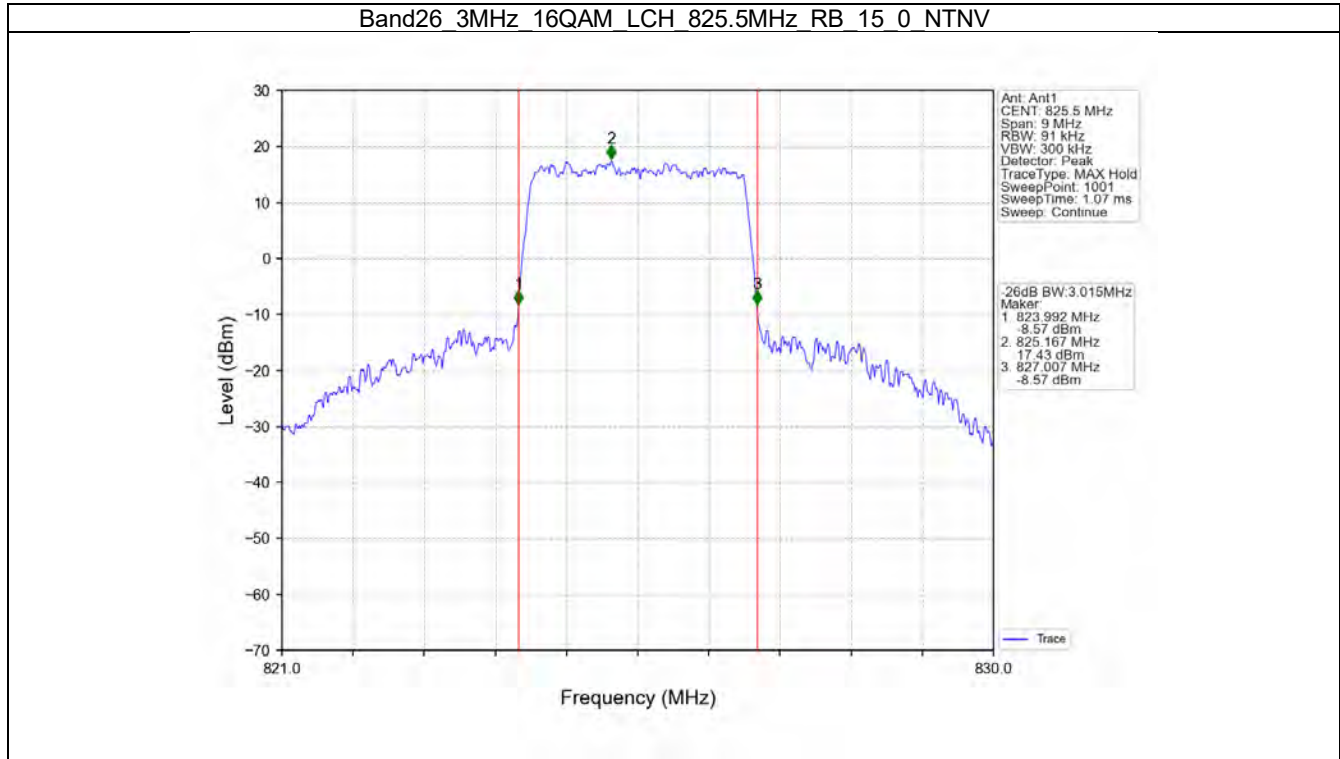
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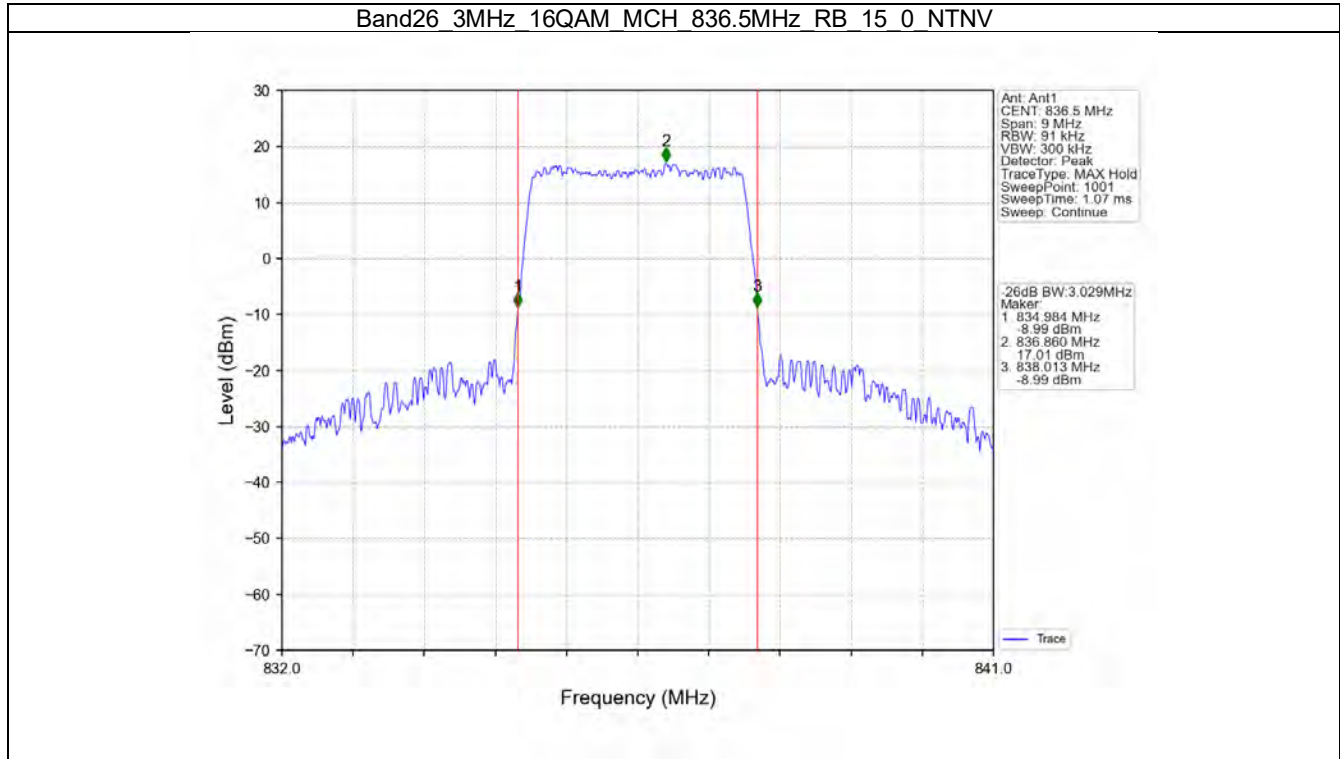
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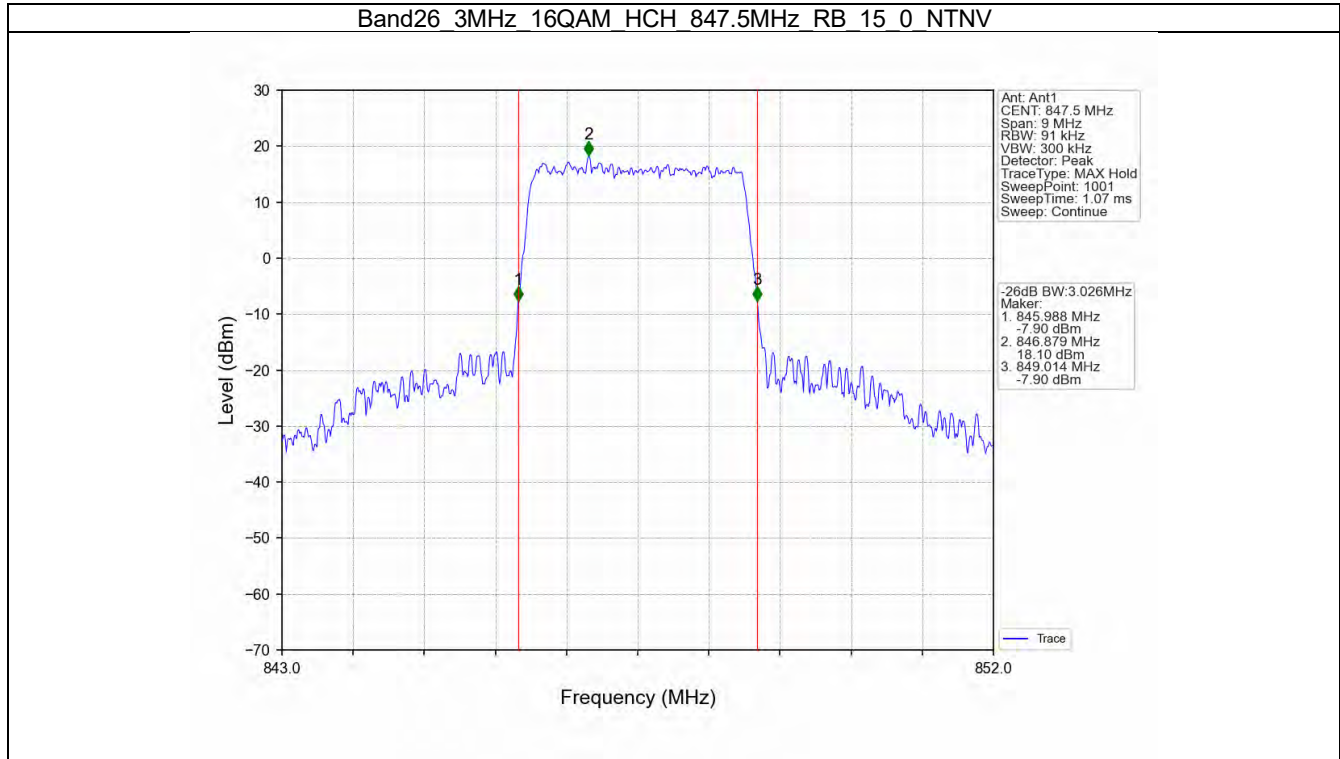


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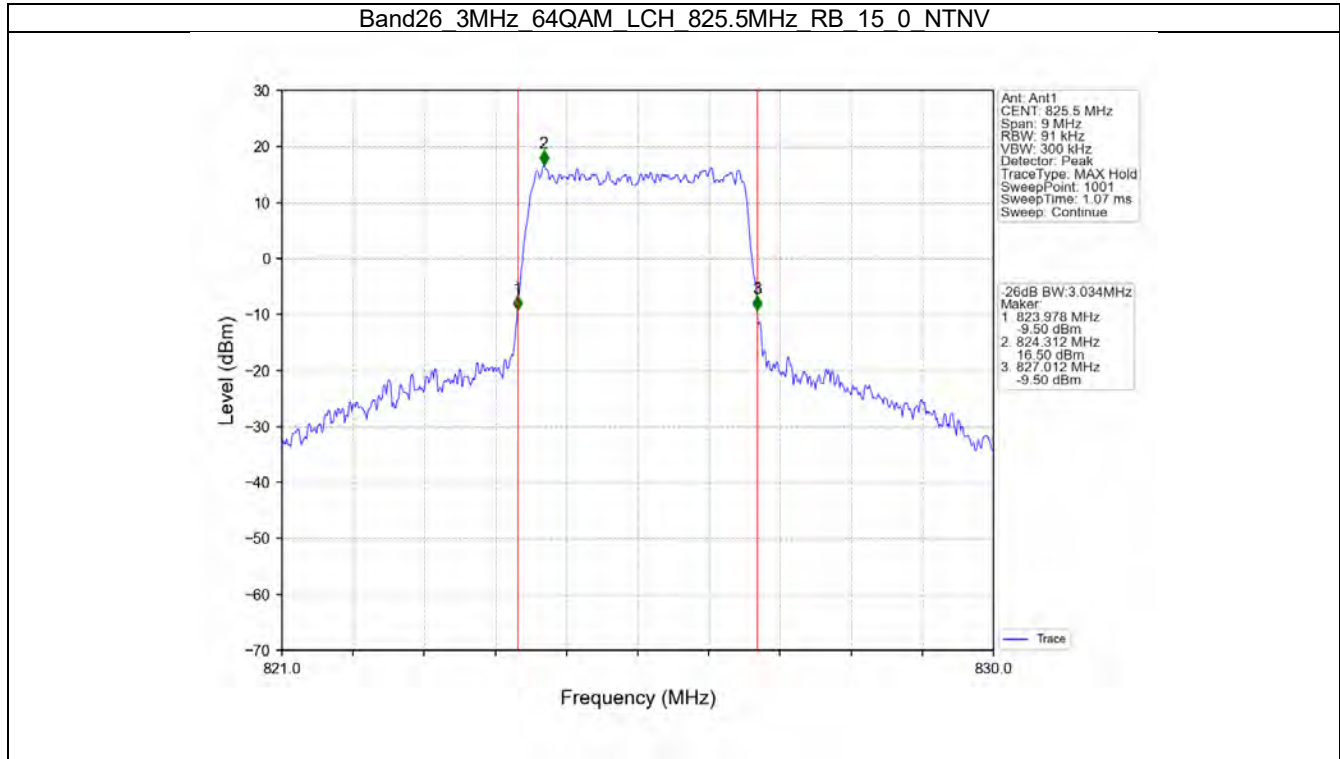
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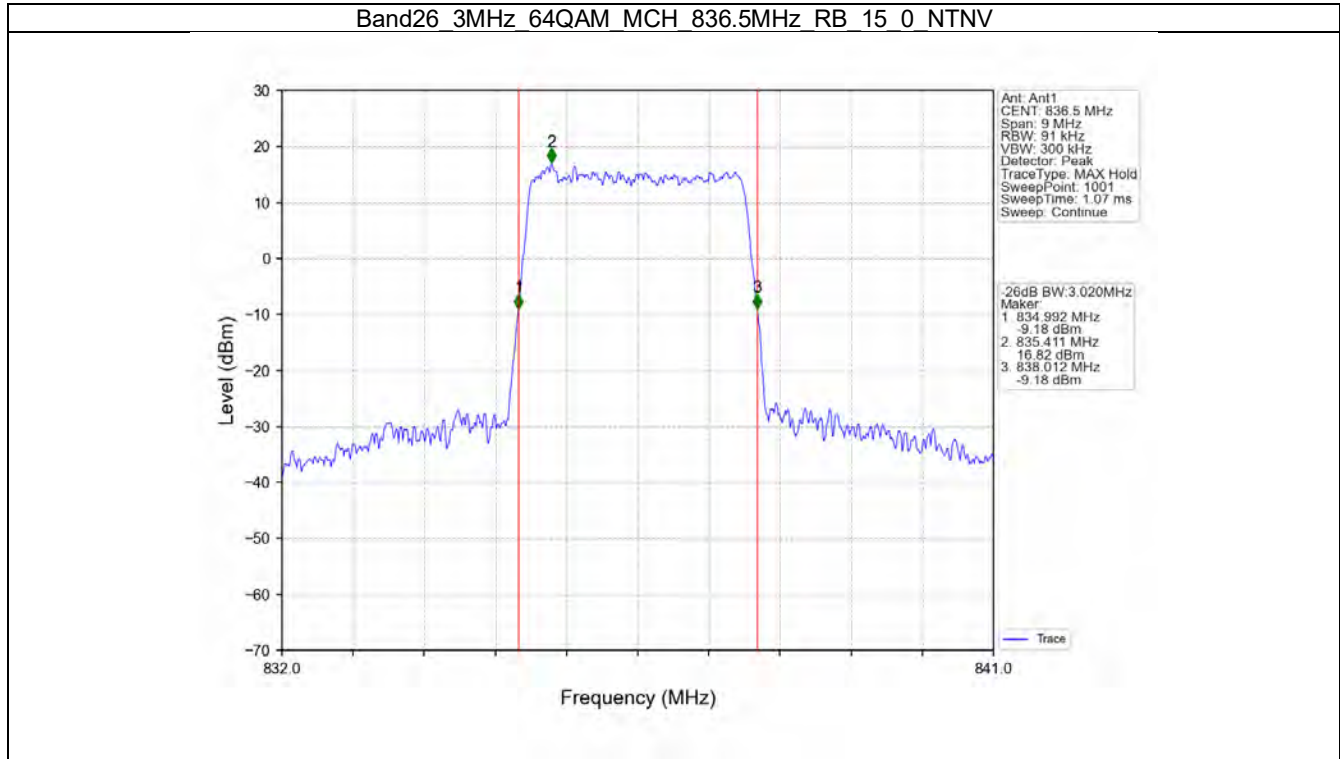
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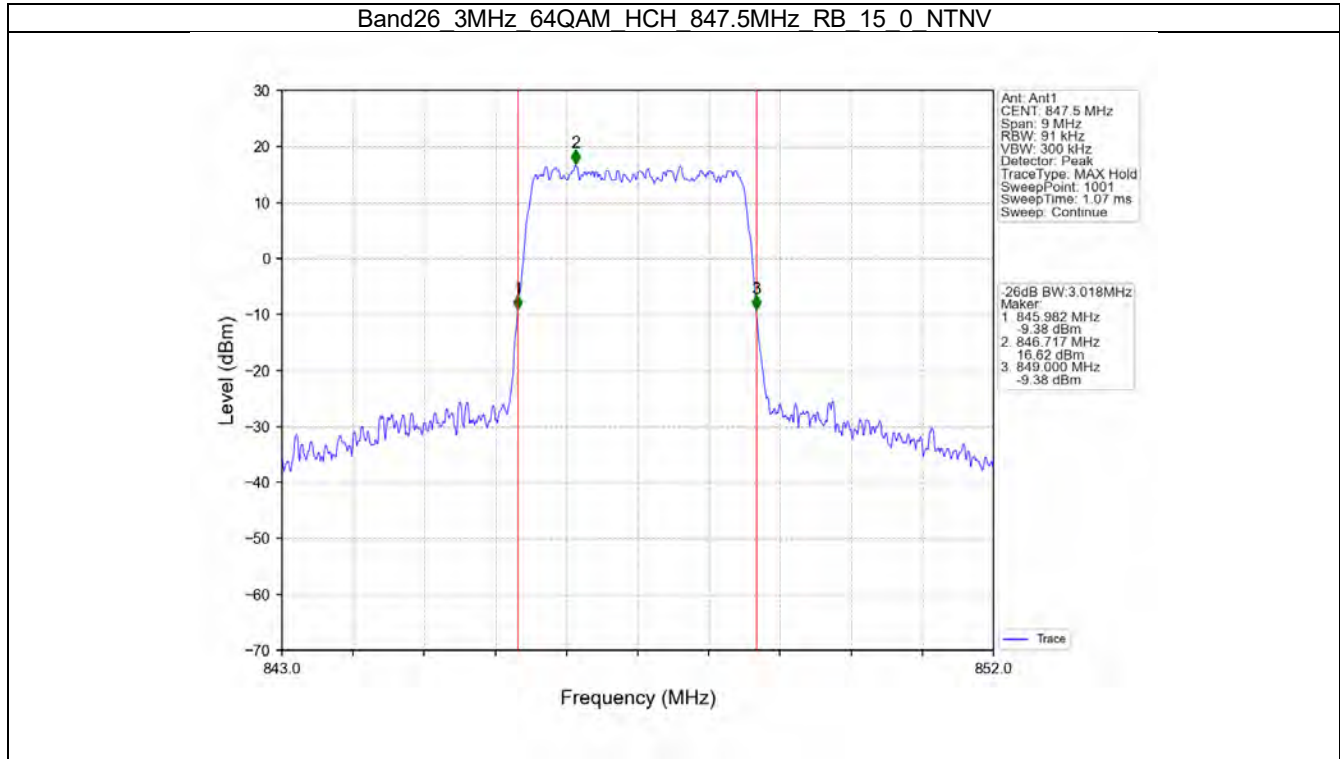
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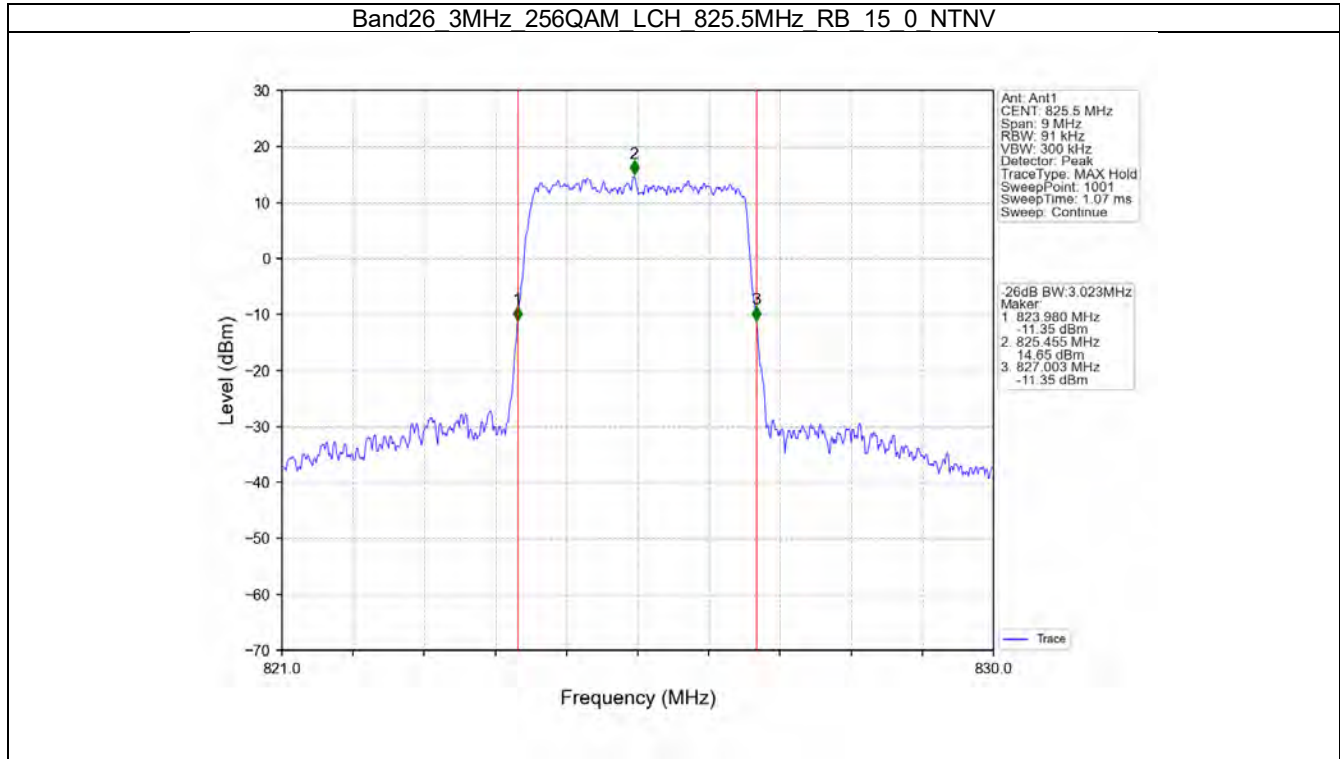


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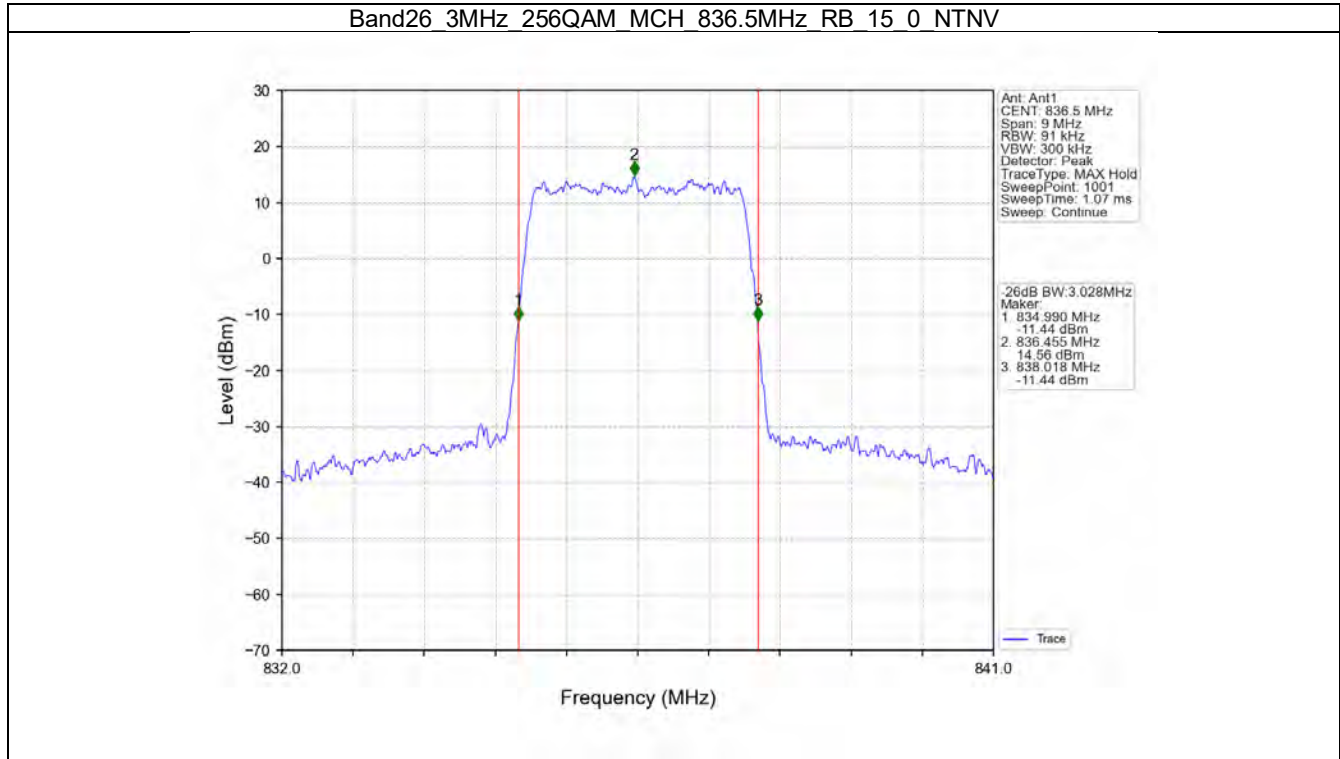
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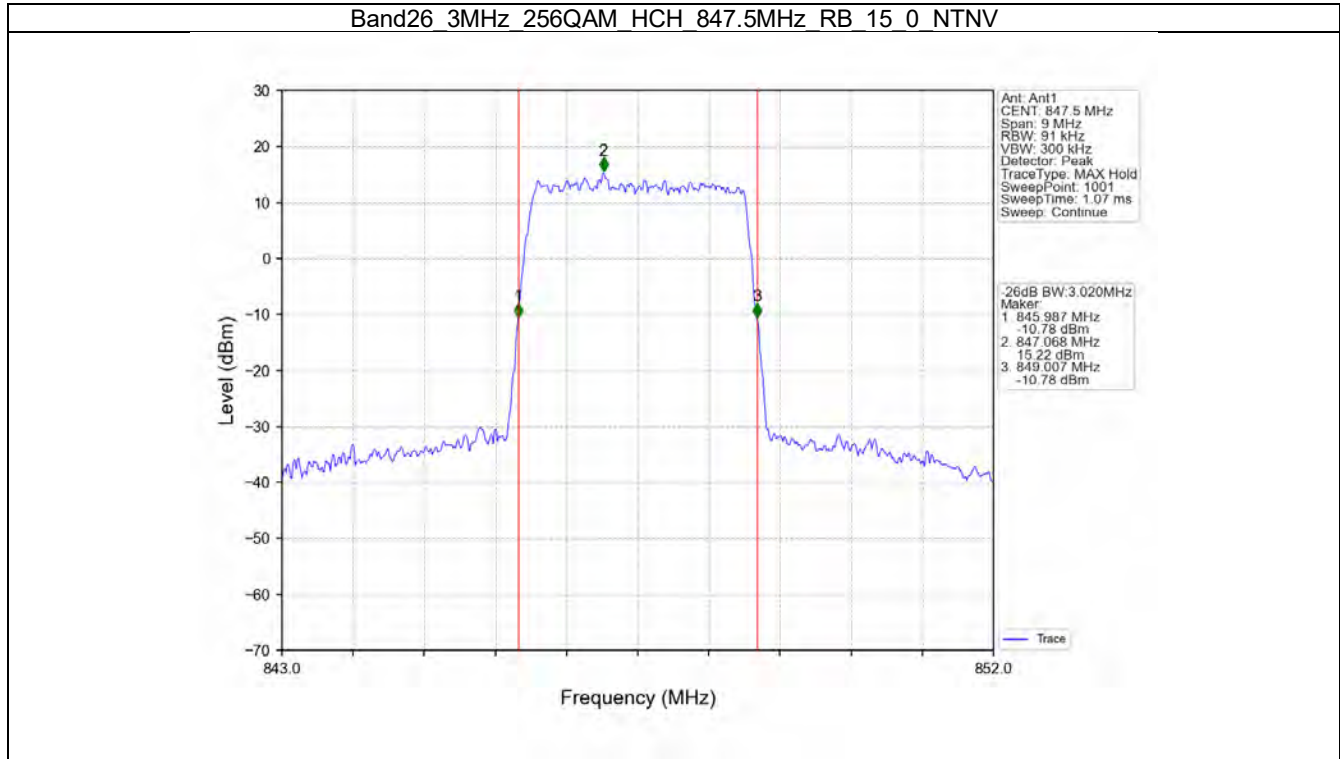
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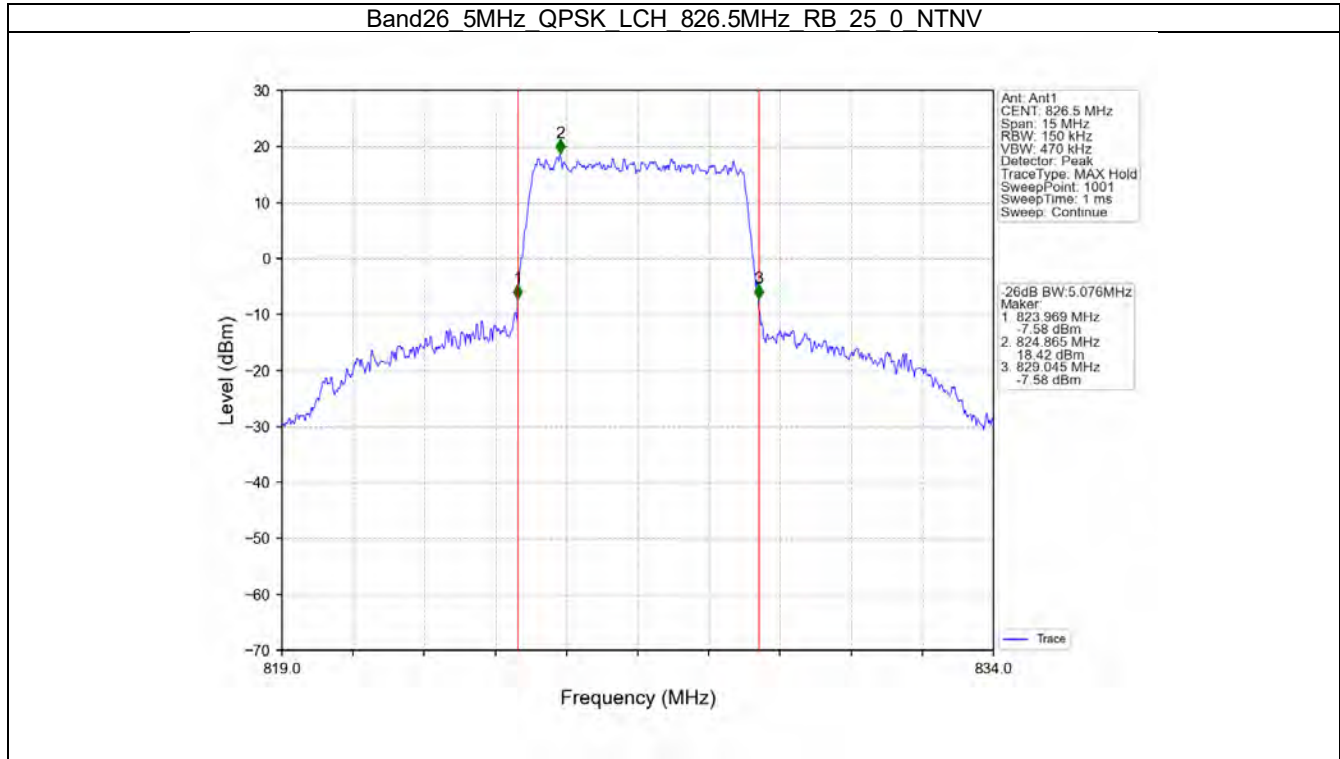
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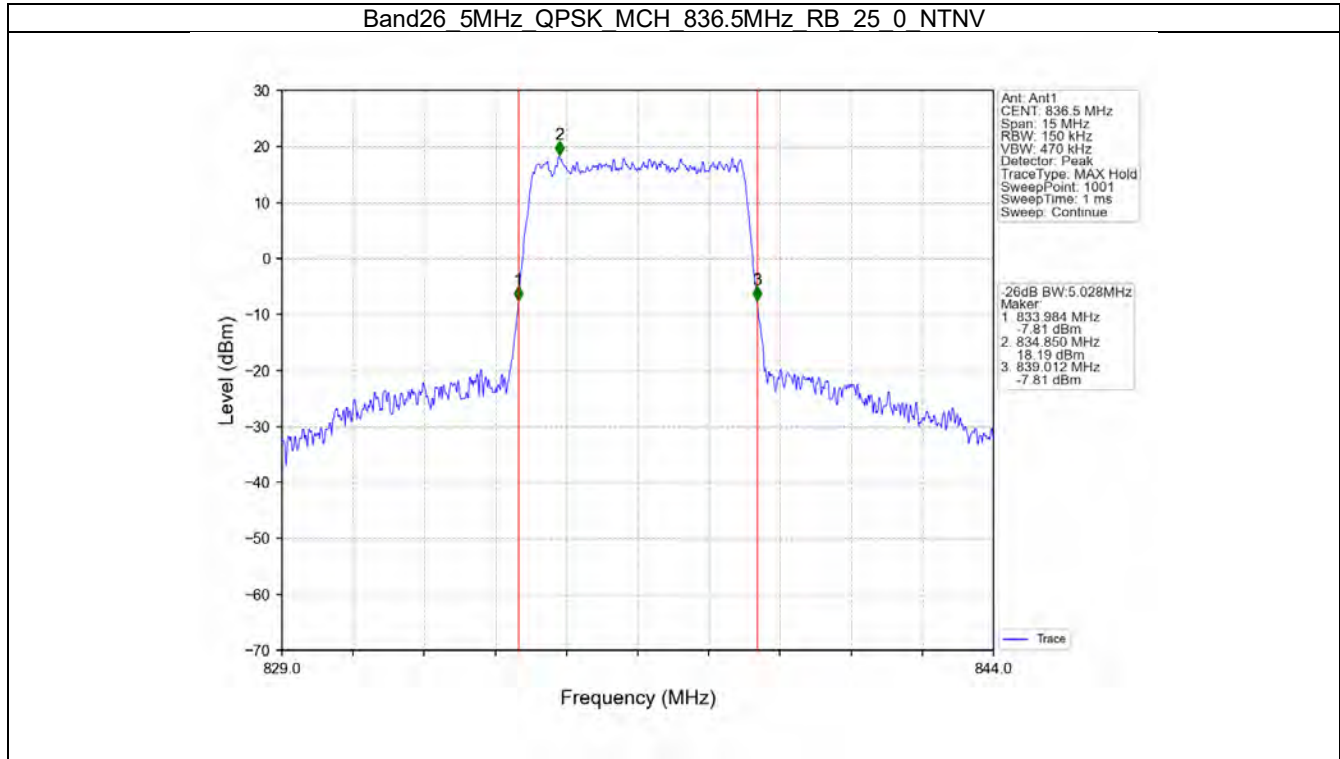
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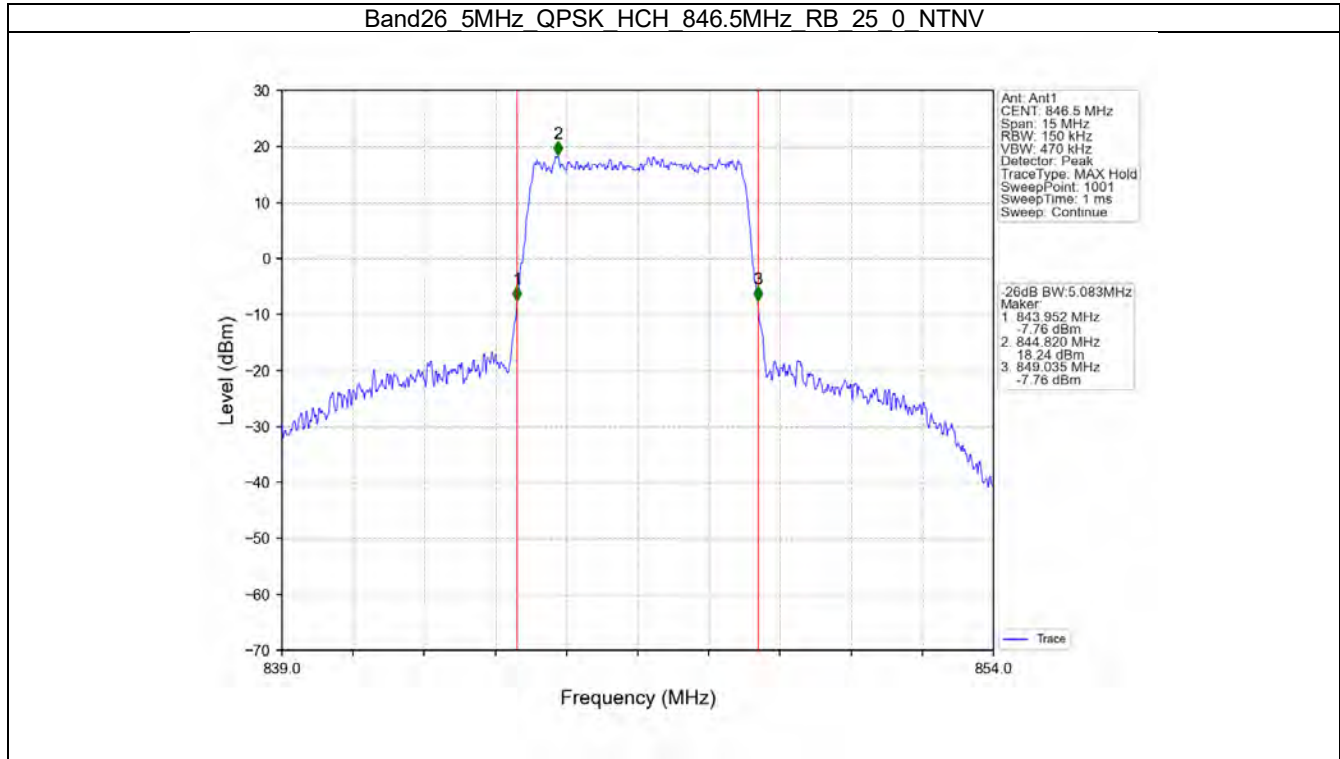


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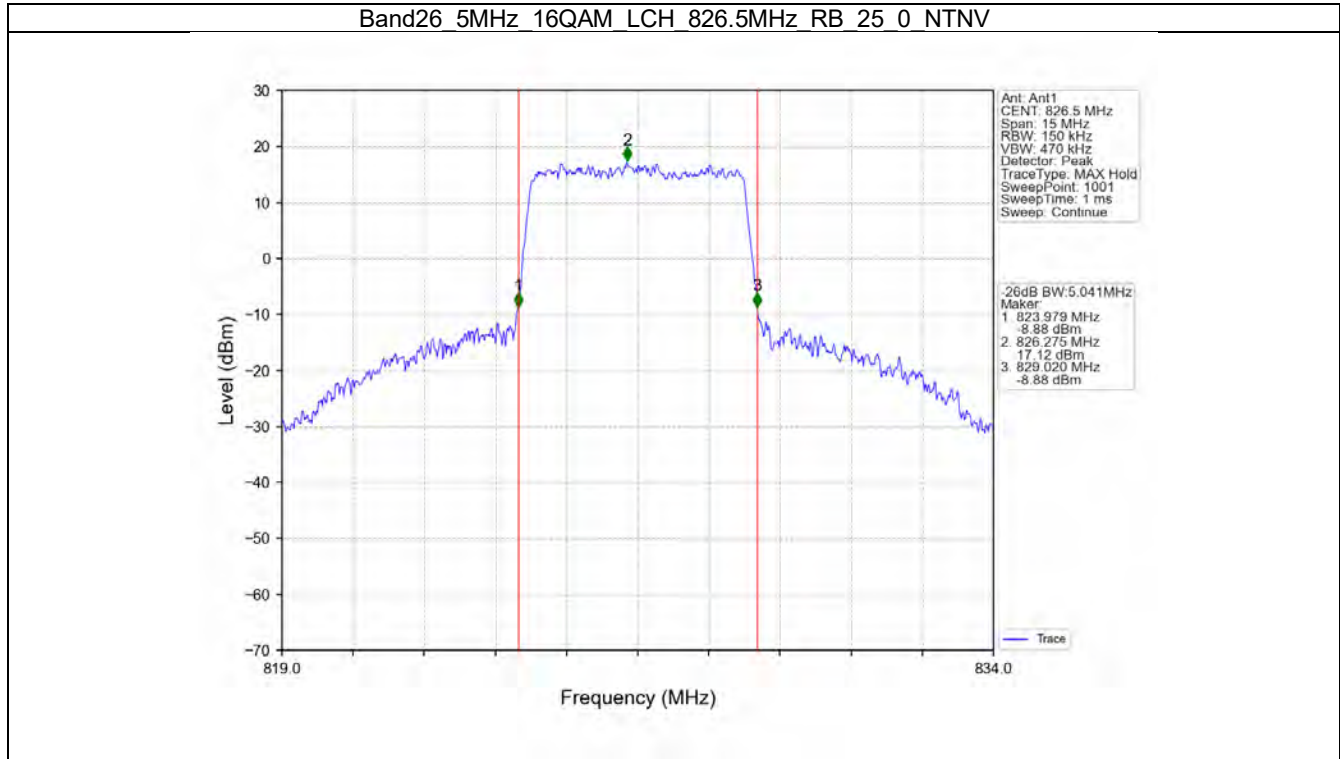
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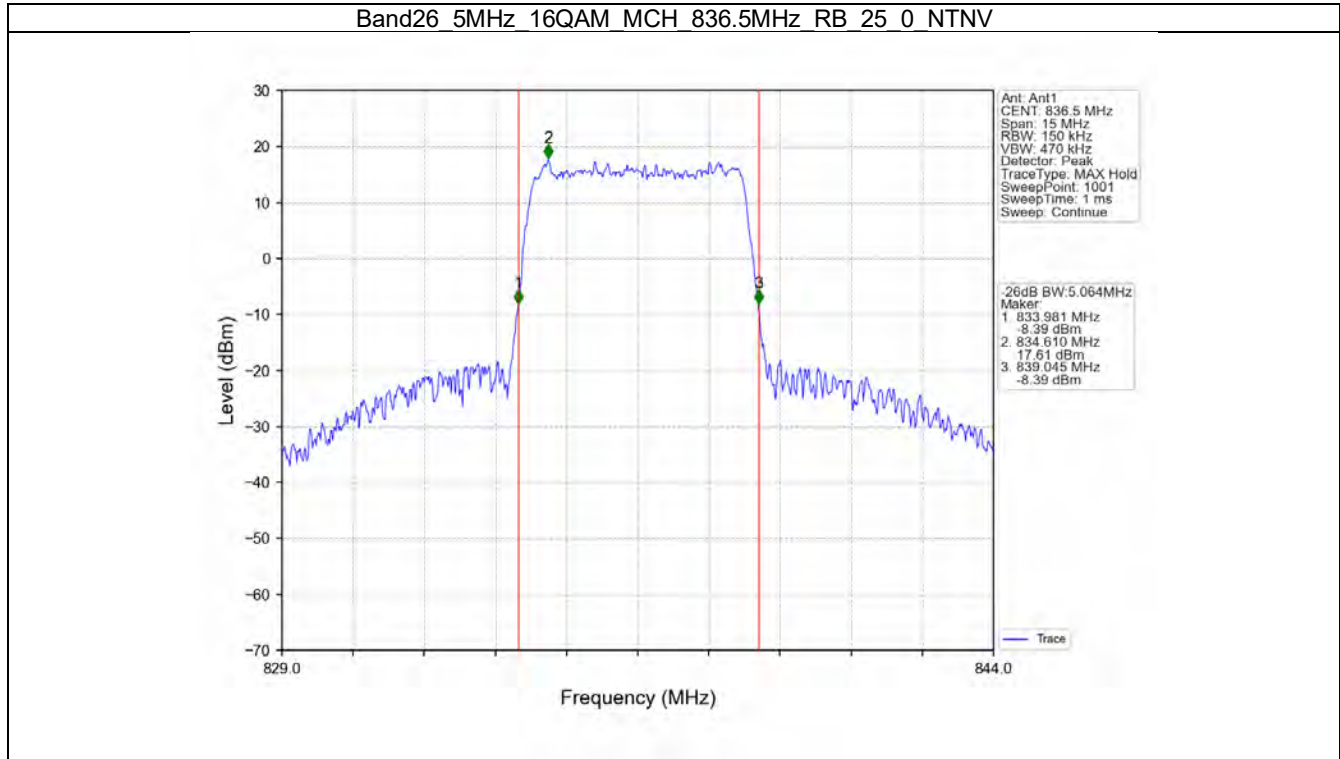
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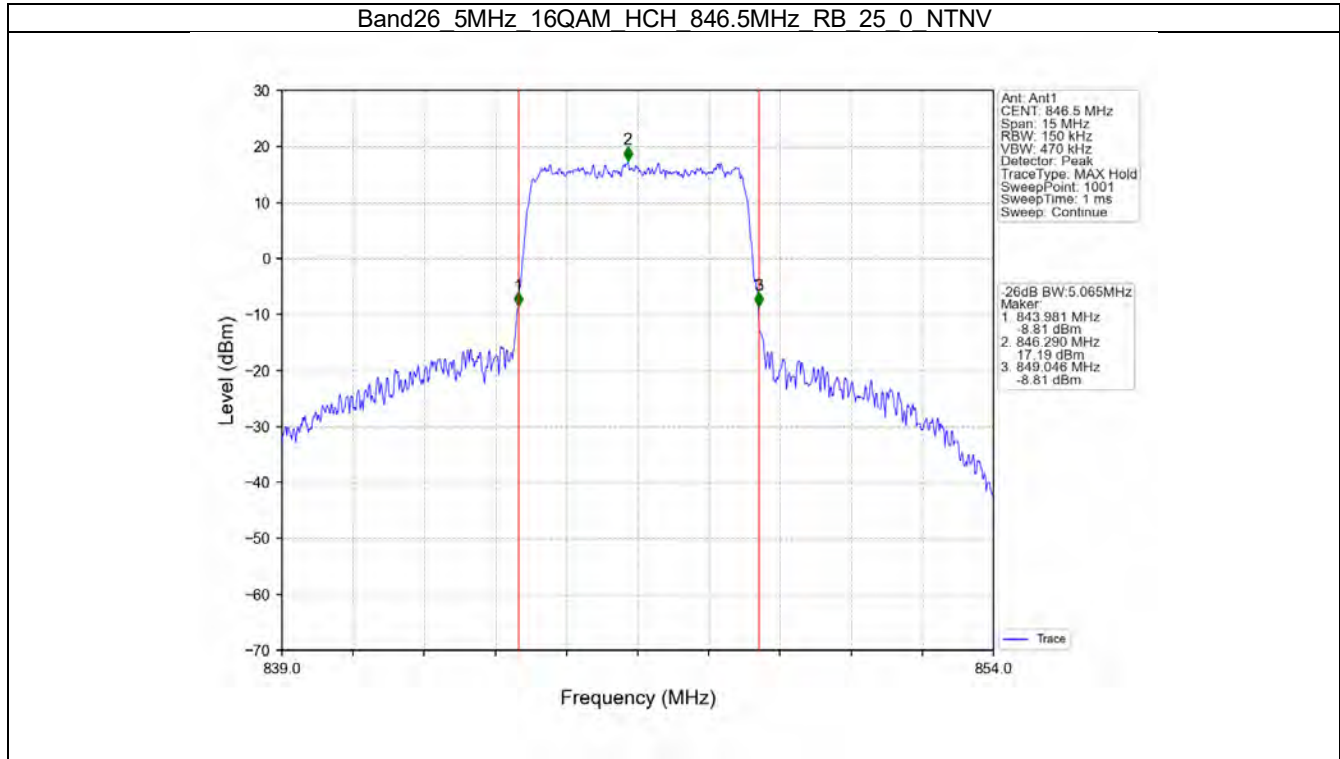
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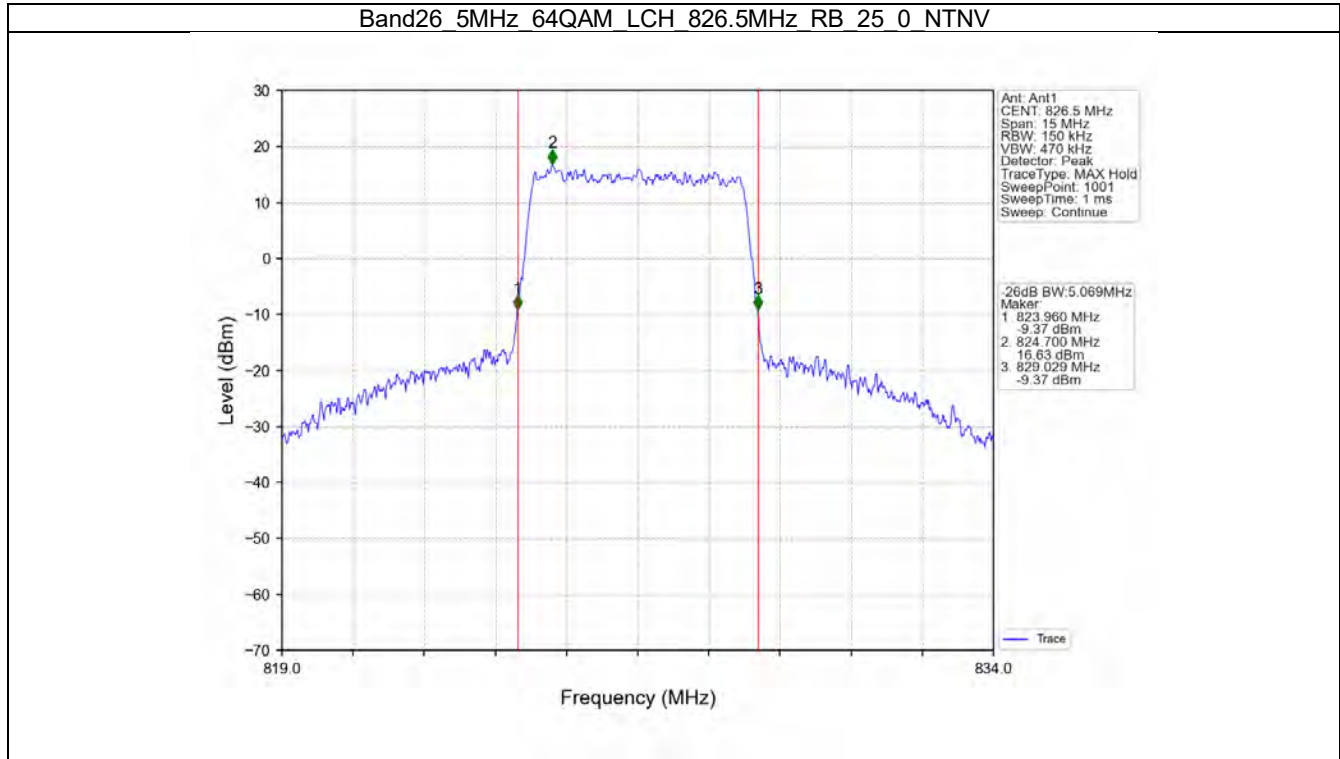
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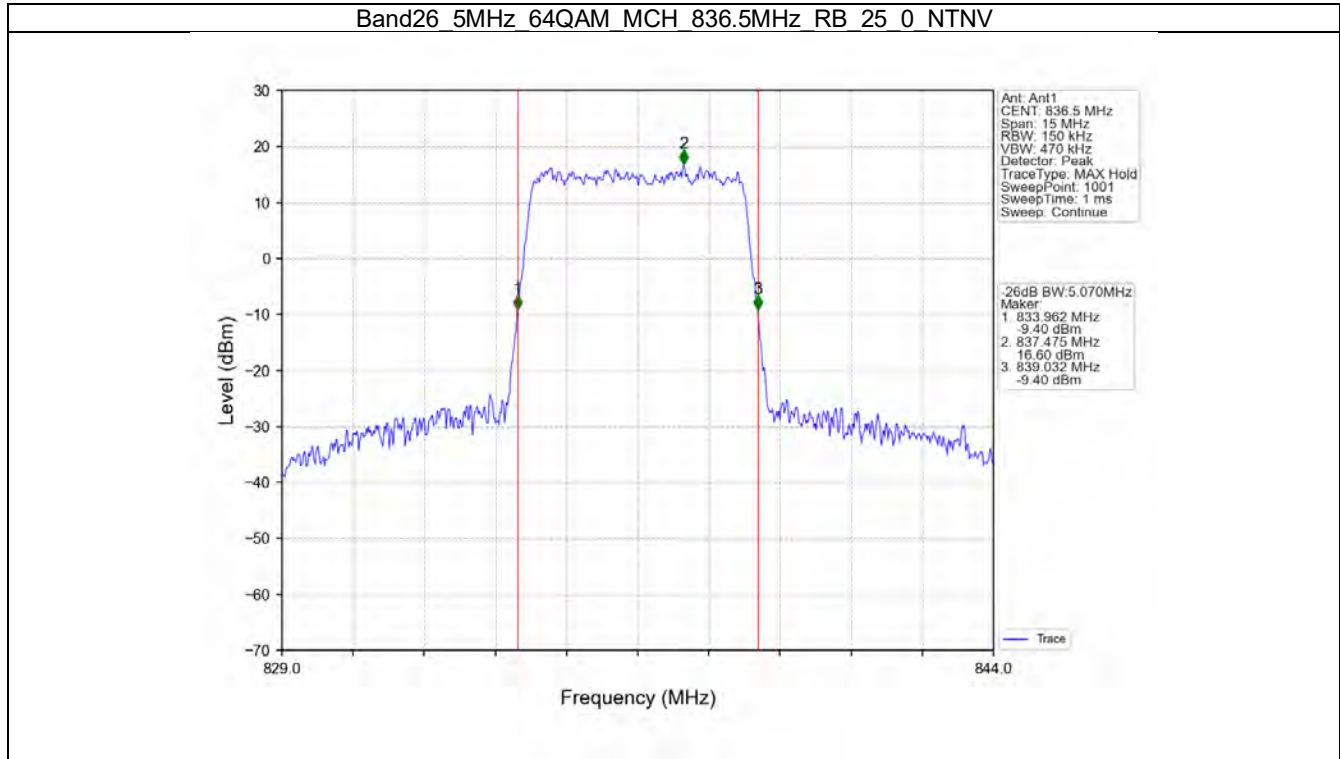
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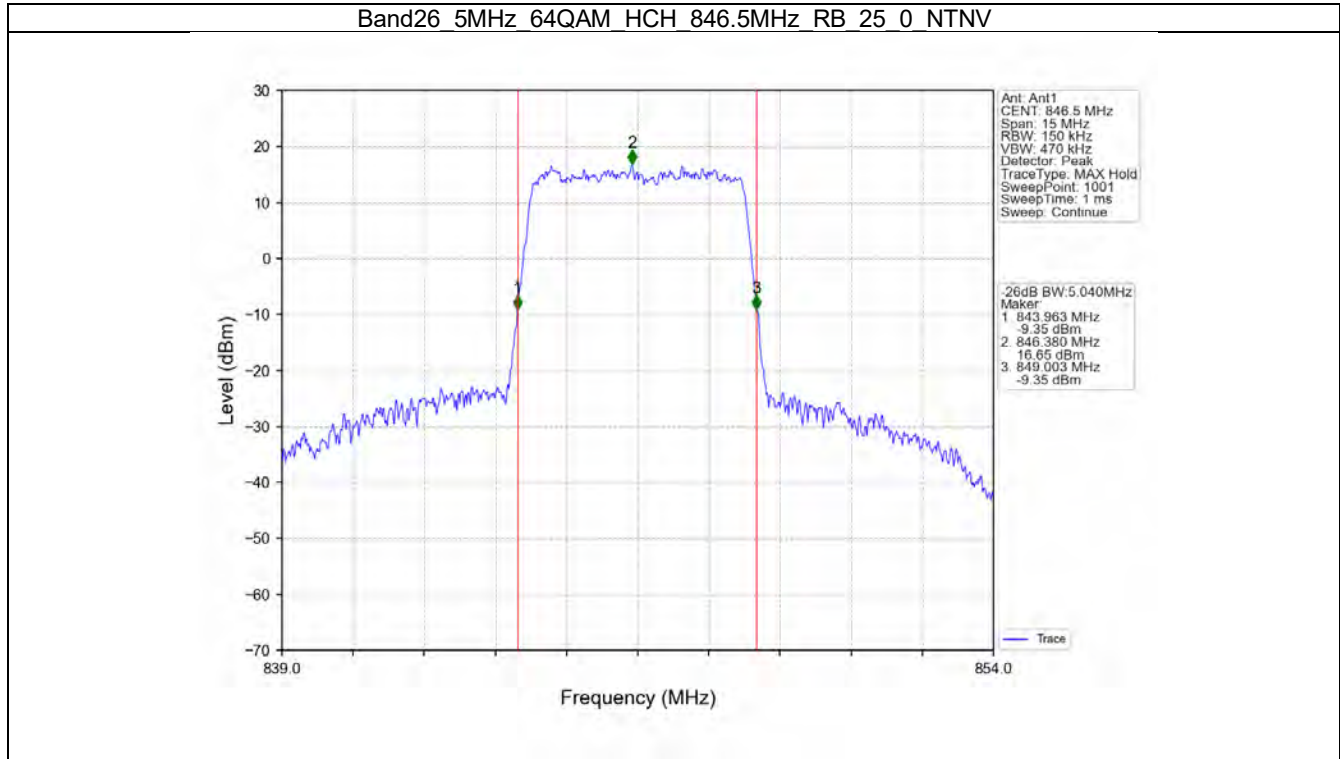
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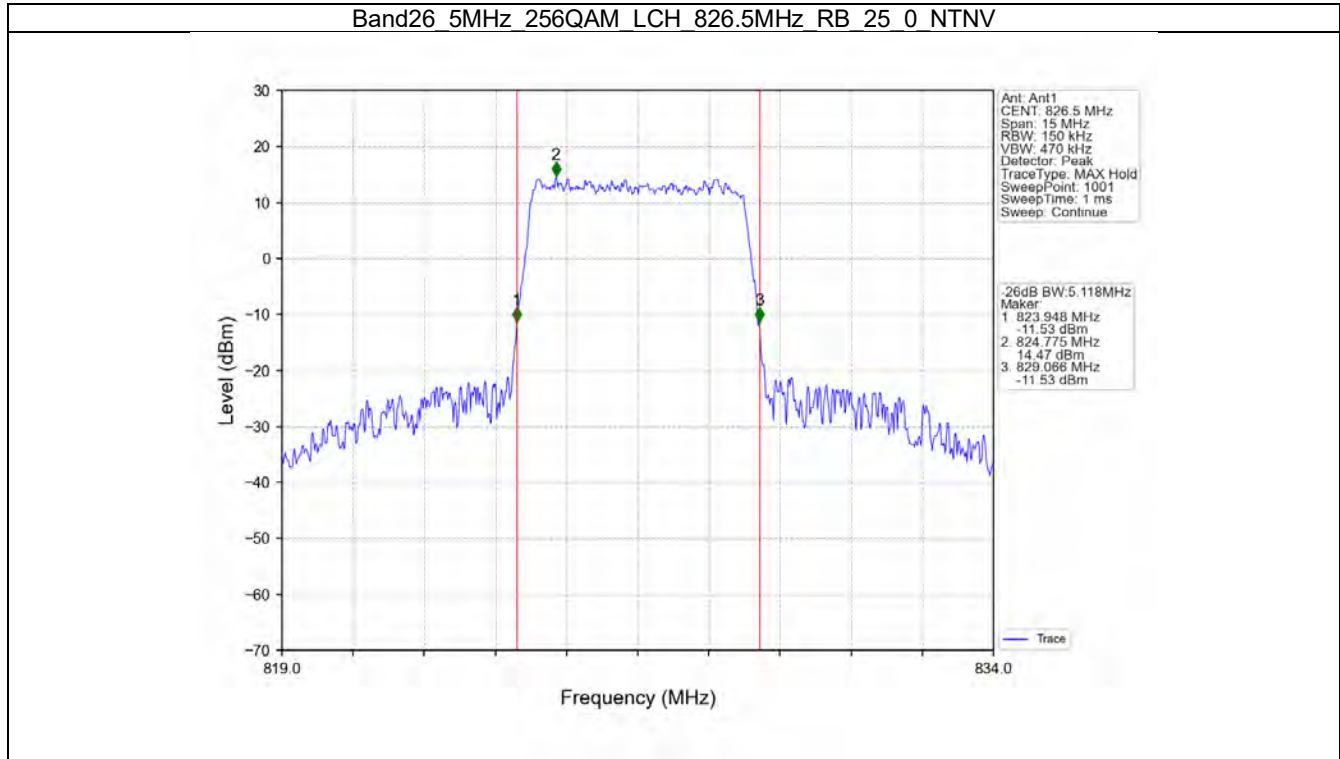
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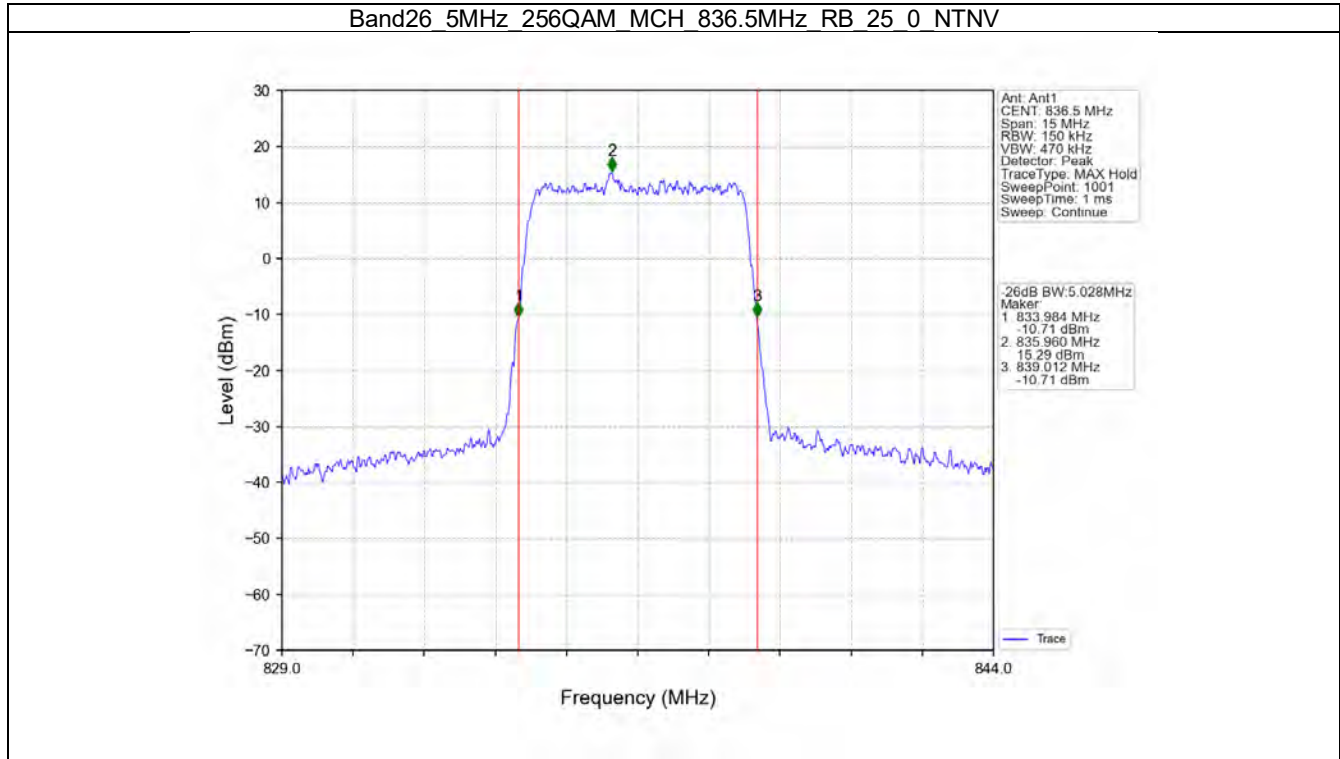
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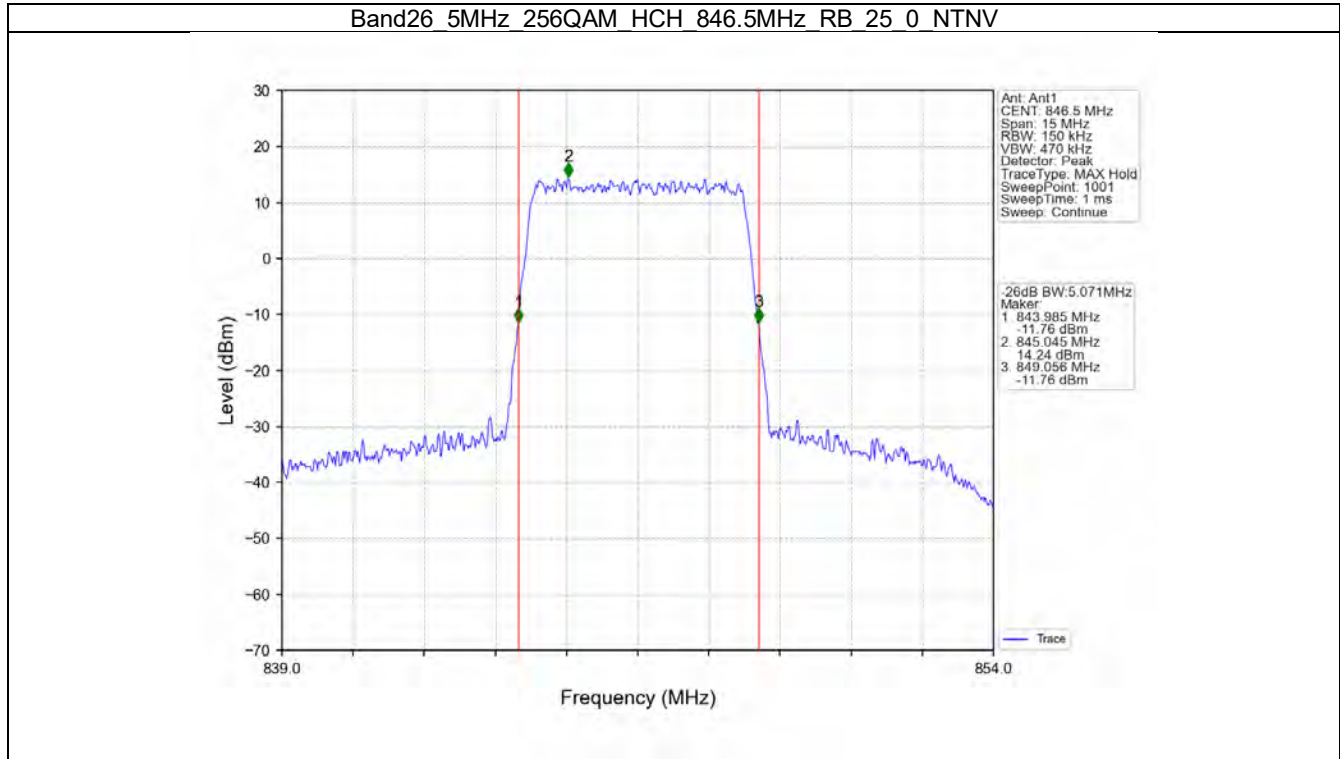
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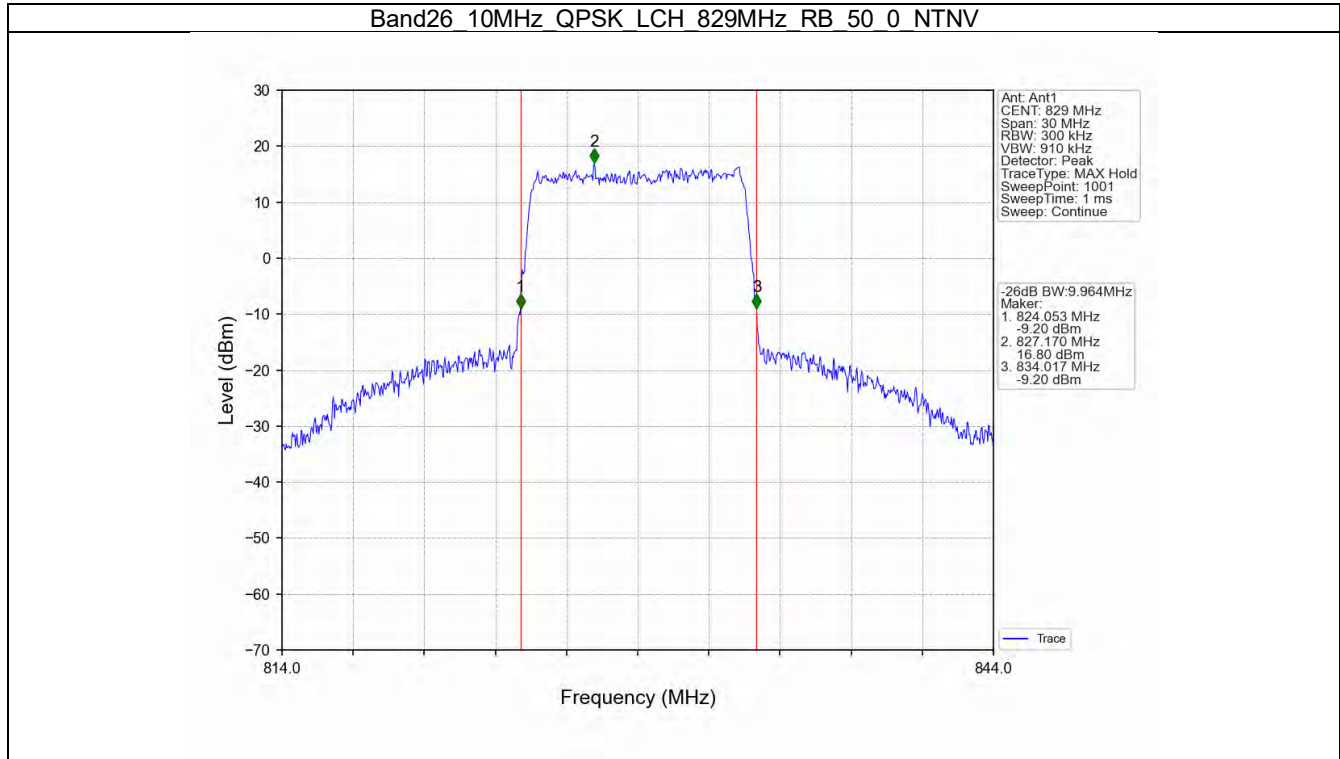


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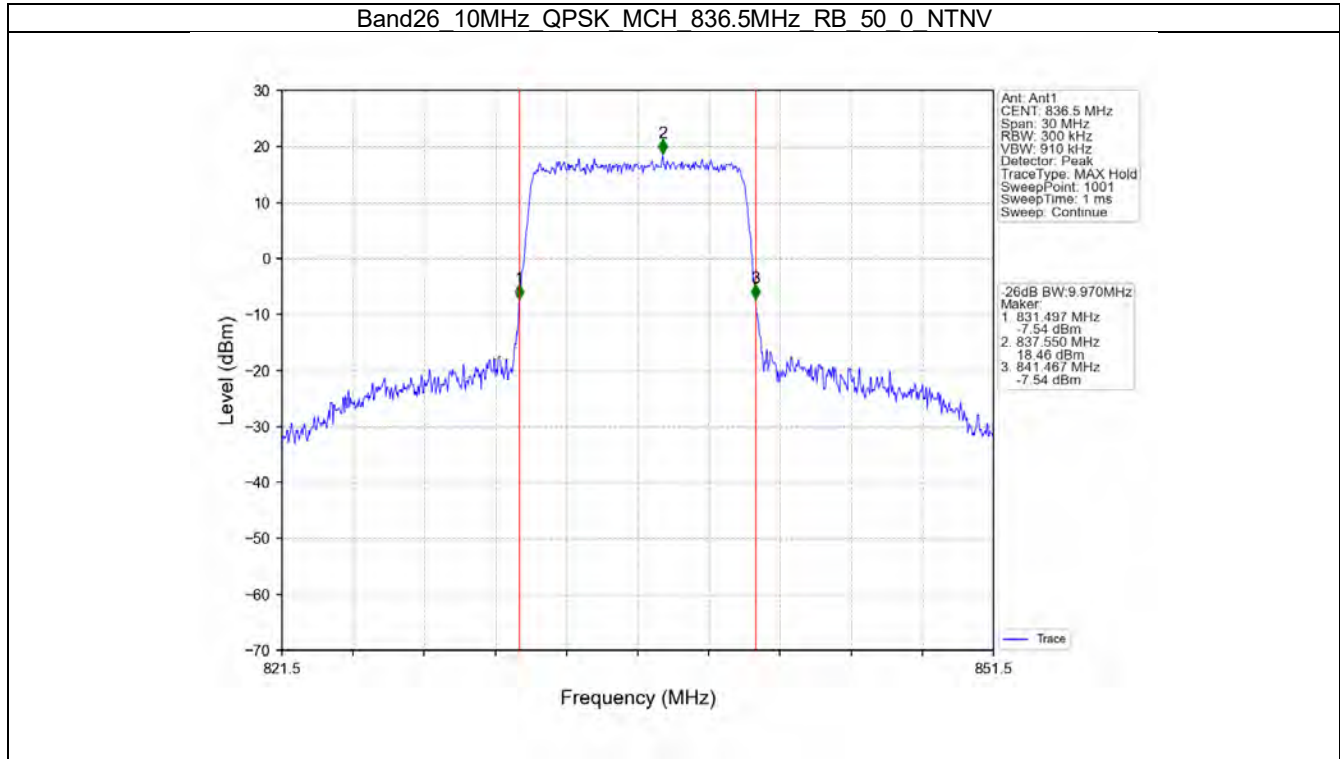
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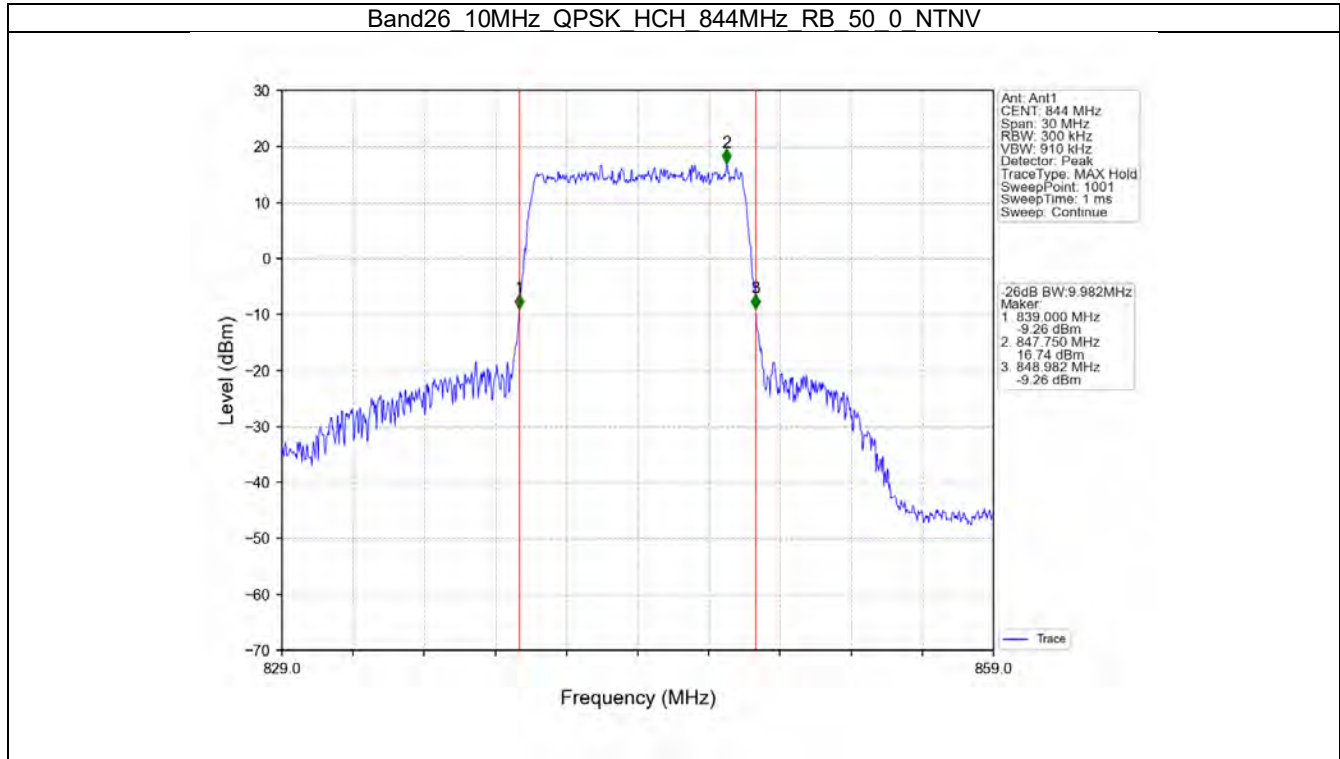


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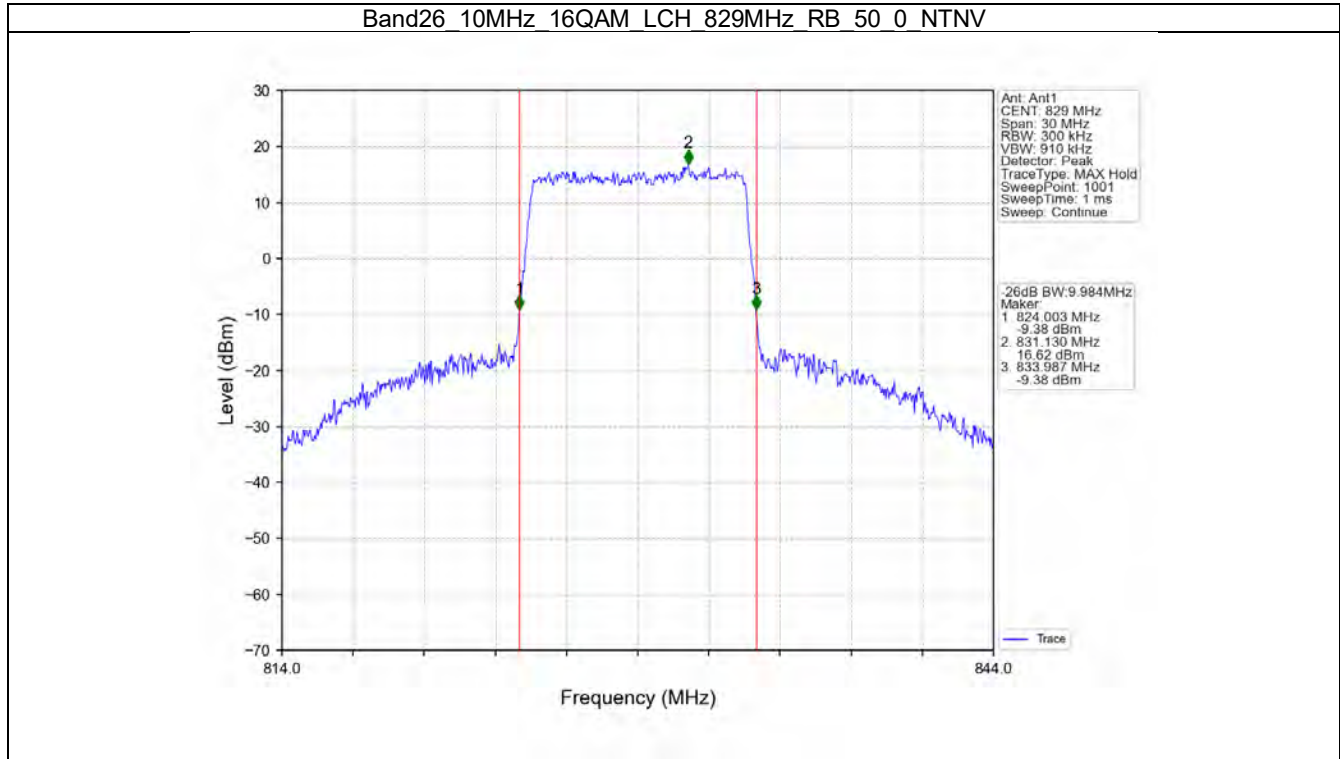
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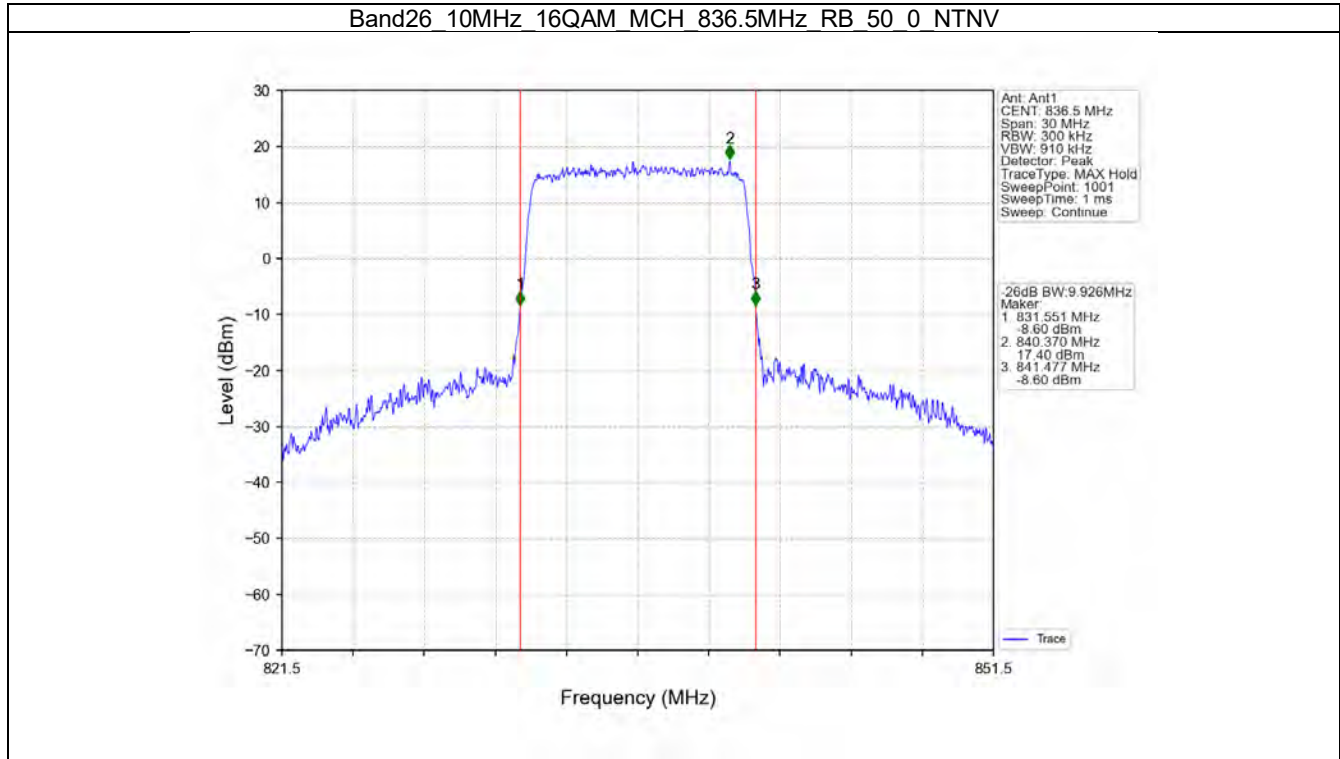
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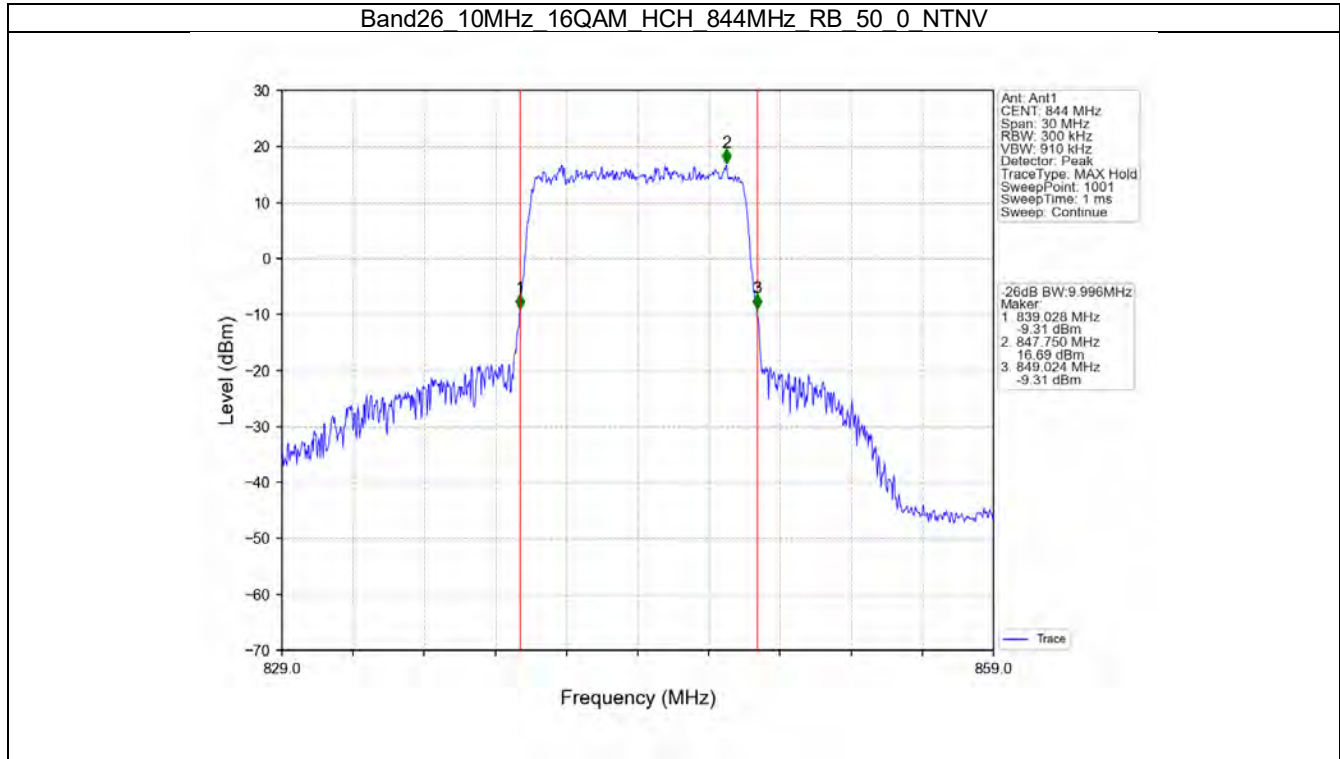
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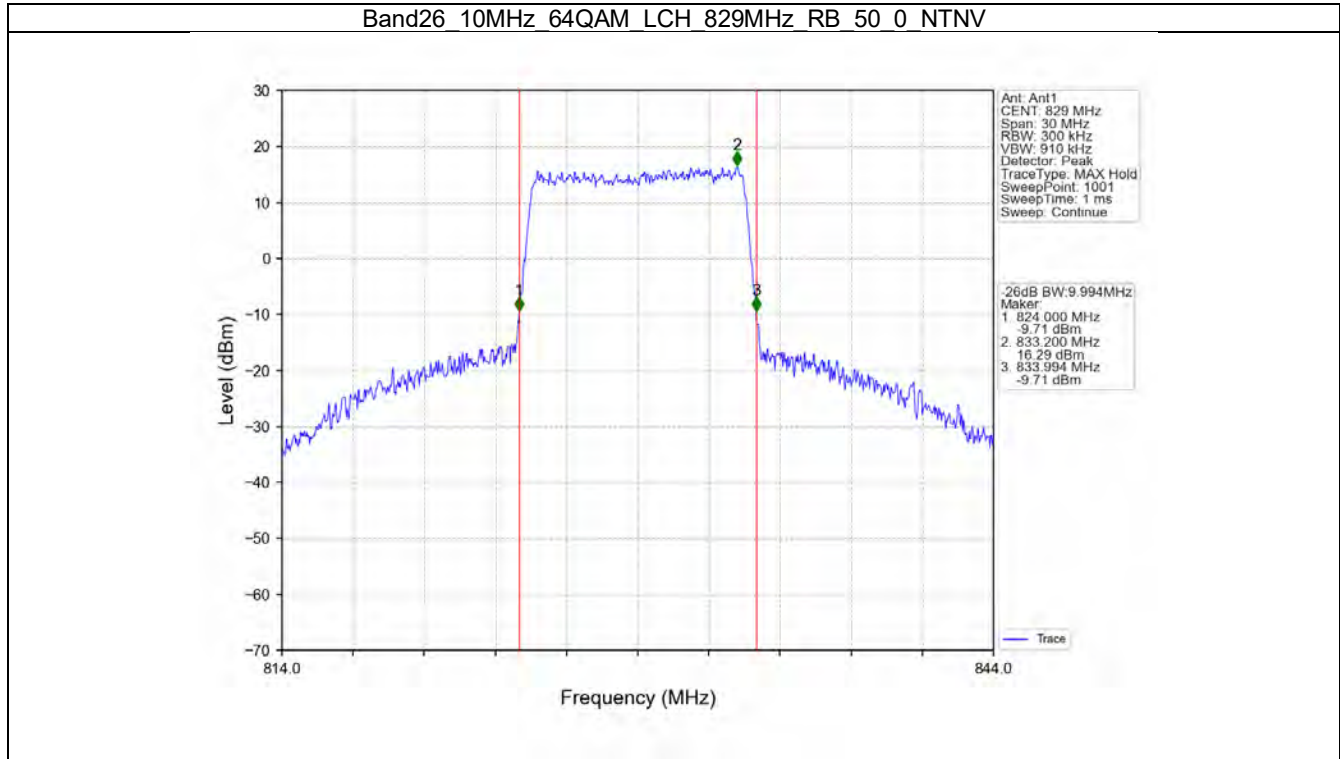


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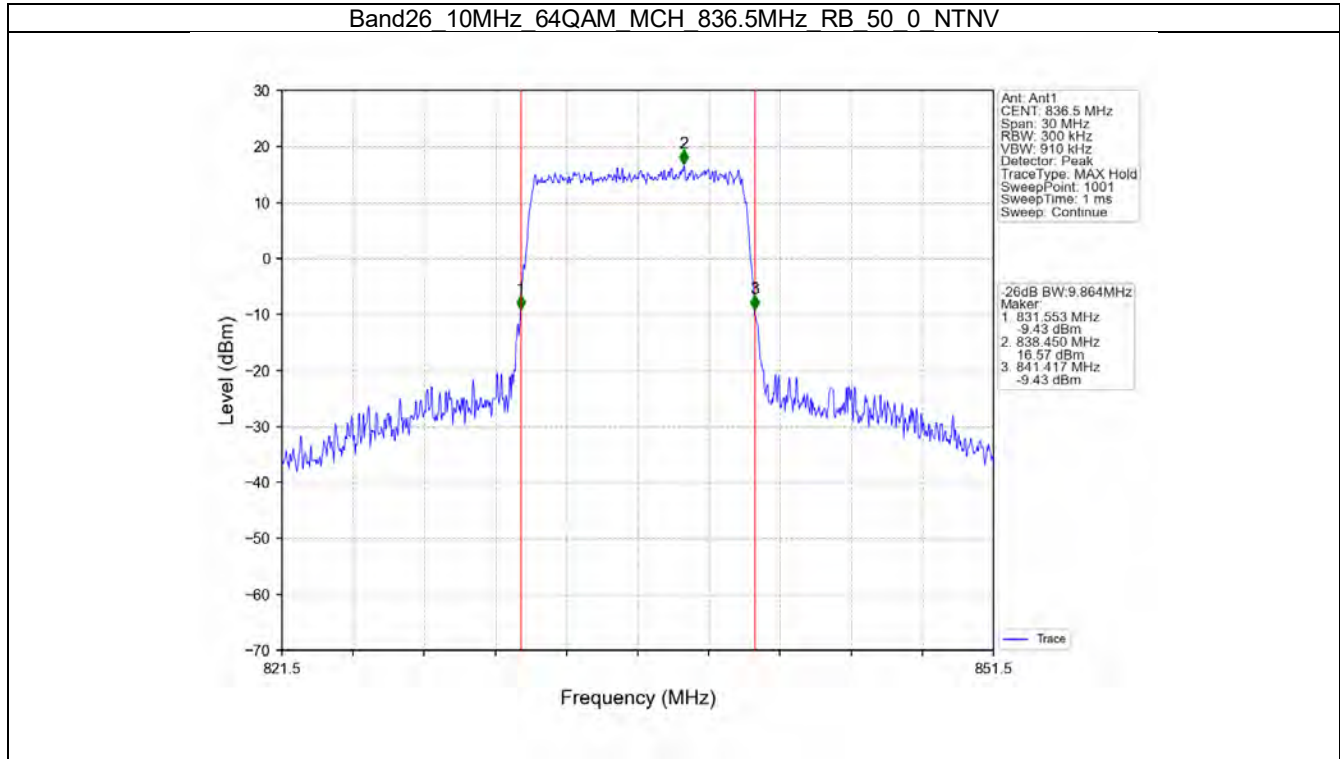
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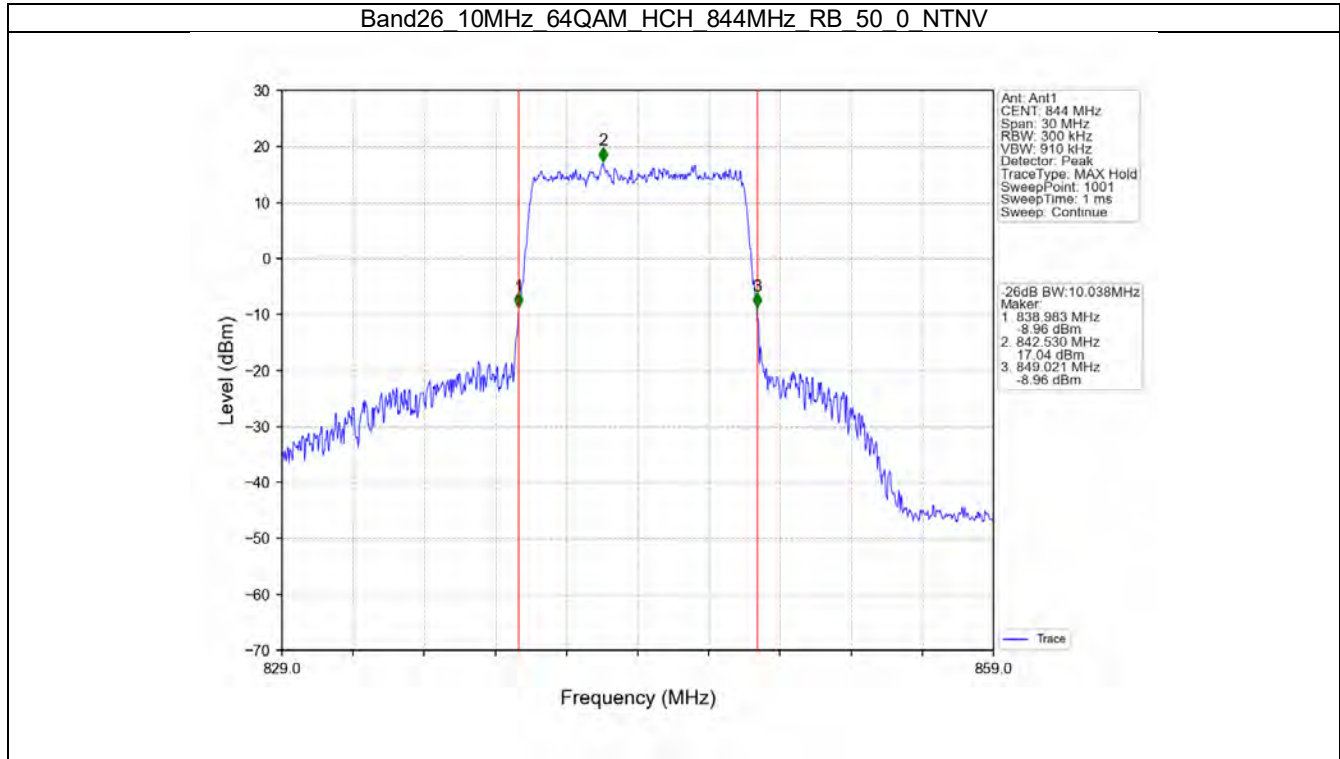
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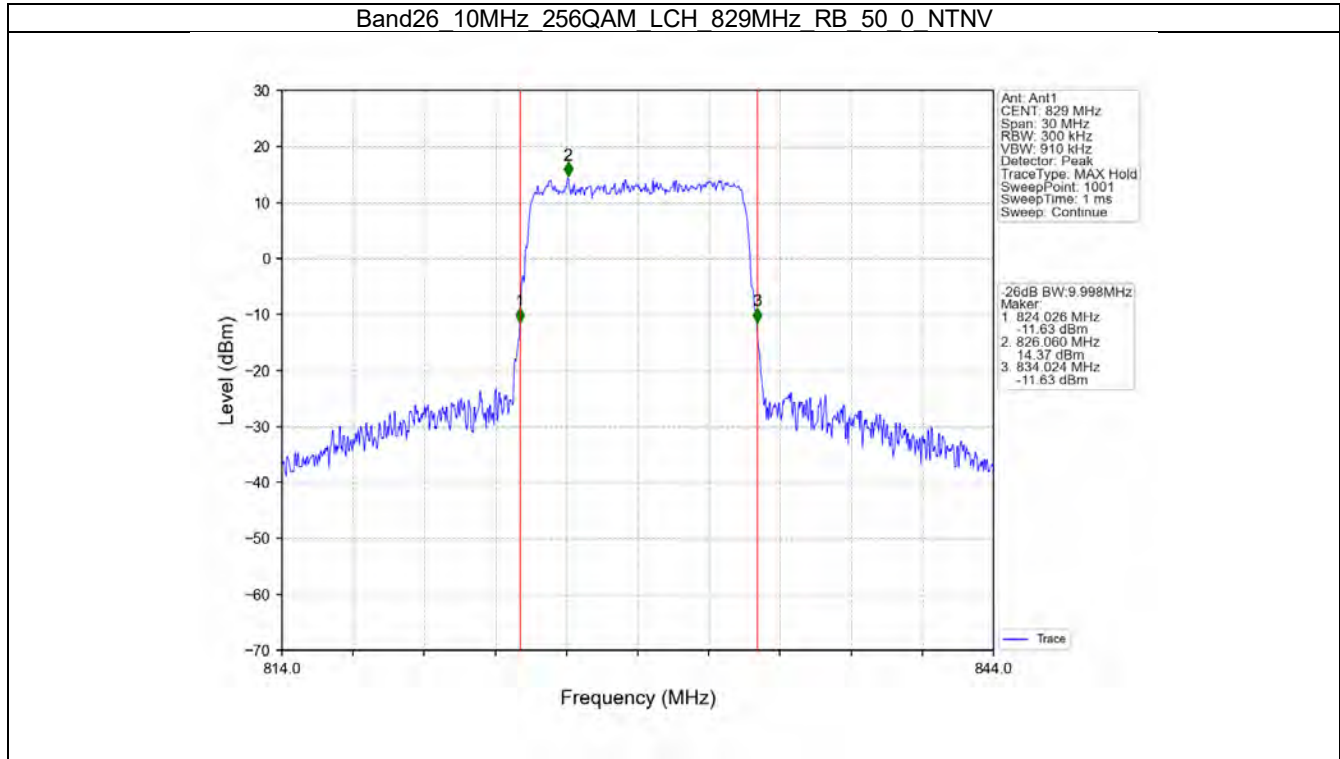


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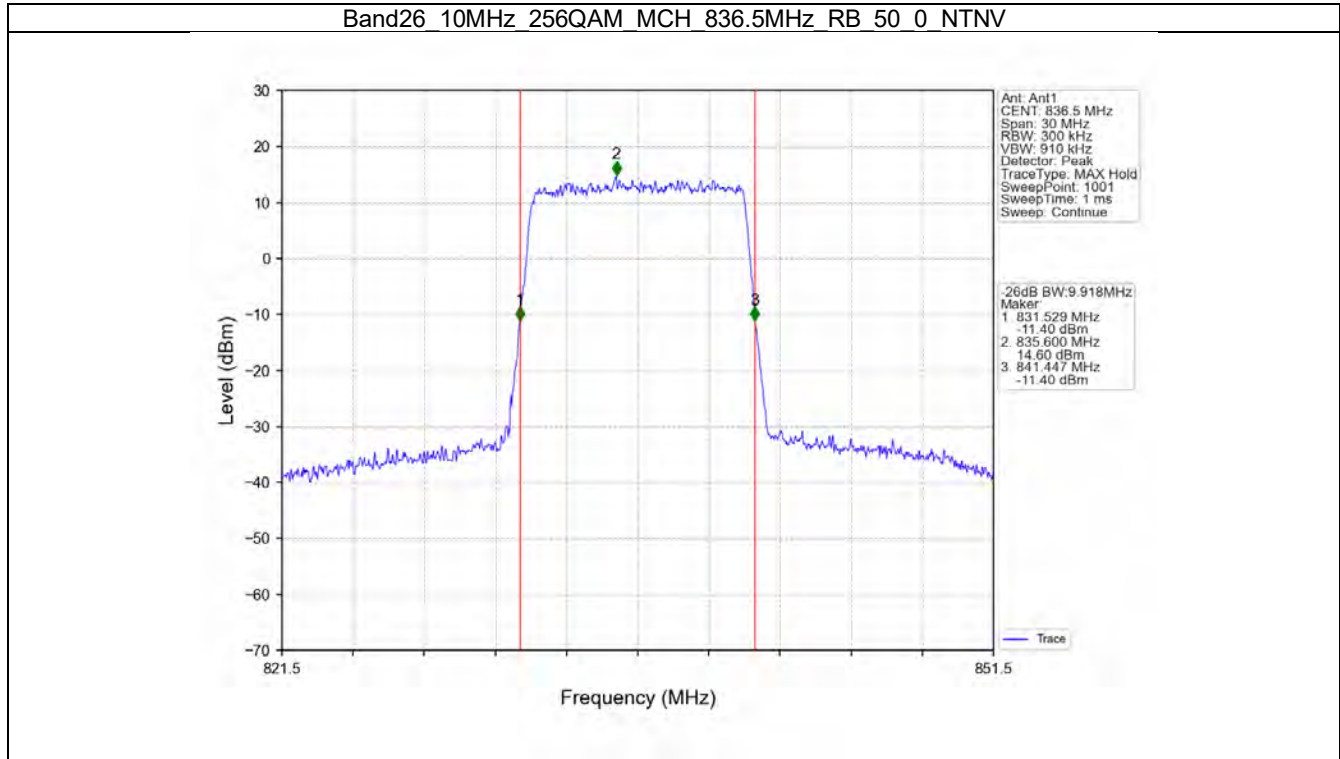
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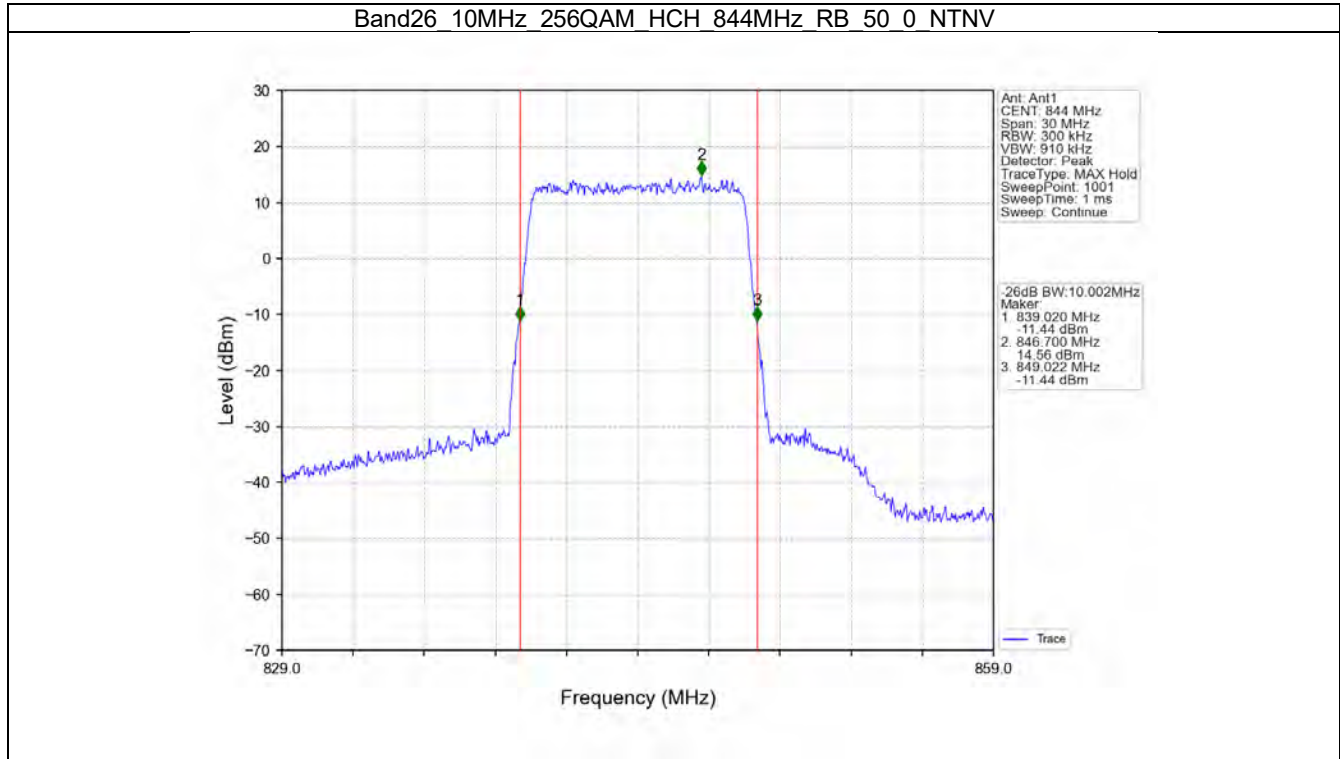
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3.4 Band26_XDB

3.4.1 Test Result

Band: 26c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
15	QPSK	821.5	75	0	14.867	/	Pass
		831.5	75	0	15.002	/	Pass
		841.5	75	0	15.091	/	Pass
	16QAM	821.5	75	0	14.906	/	Pass
		831.5	75	0	14.878	/	Pass
		841.5	75	0	15.045	/	Pass
	64QAM	821.5	75	0	14.974	/	Pass
		831.5	75	0	14.902	/	Pass
		841.5	75	0	14.979	/	Pass
	256QAM	821.5	75	0	14.806	/	Pass
		831.5	75	0	14.958	/	Pass
		841.5	75	0	14.943	/	Pass

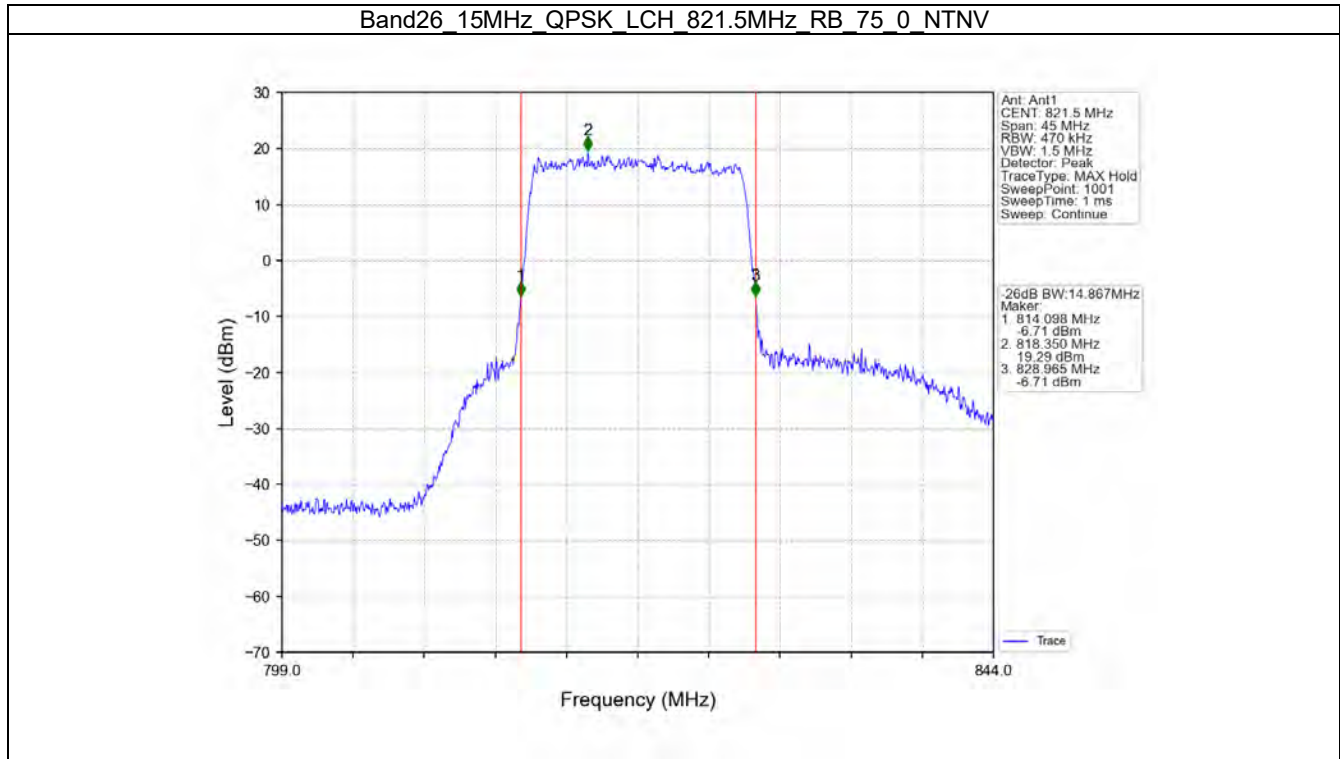


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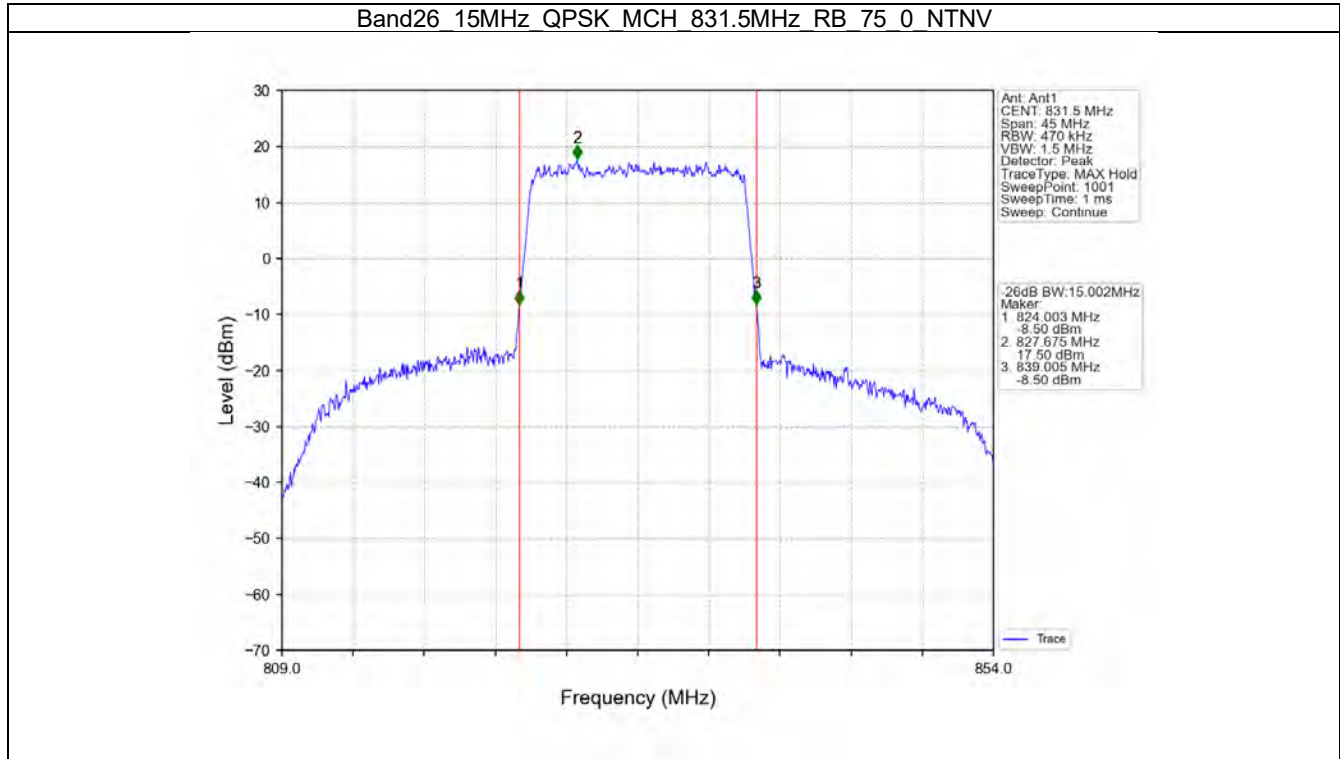
3.2.2 Test Graph



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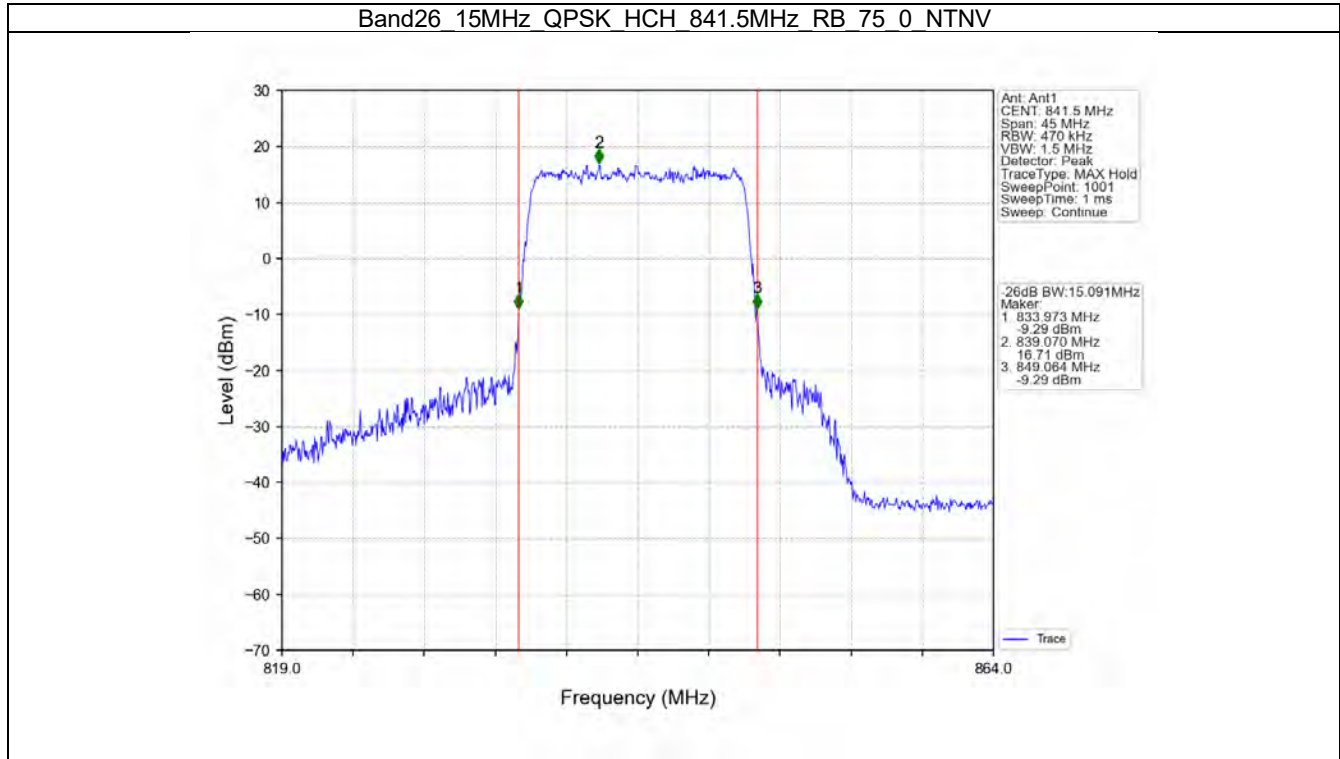
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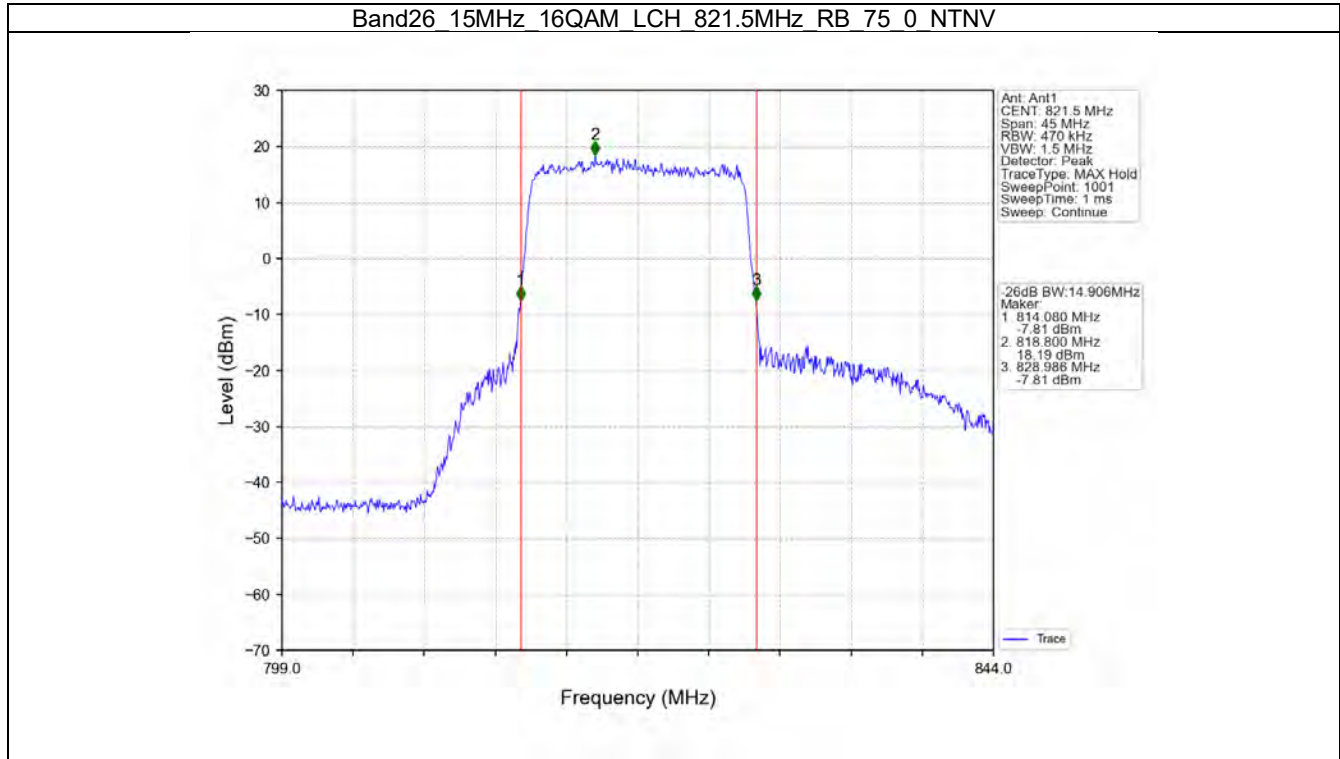
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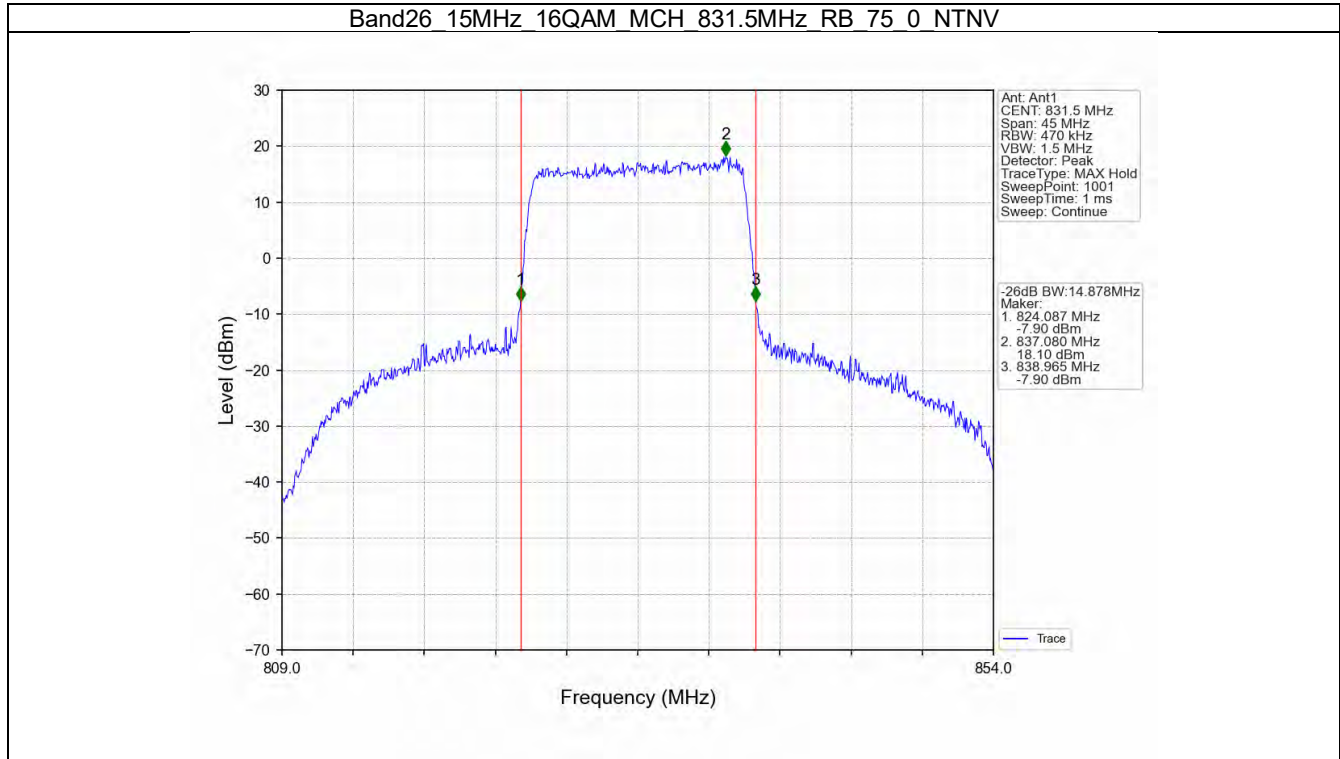
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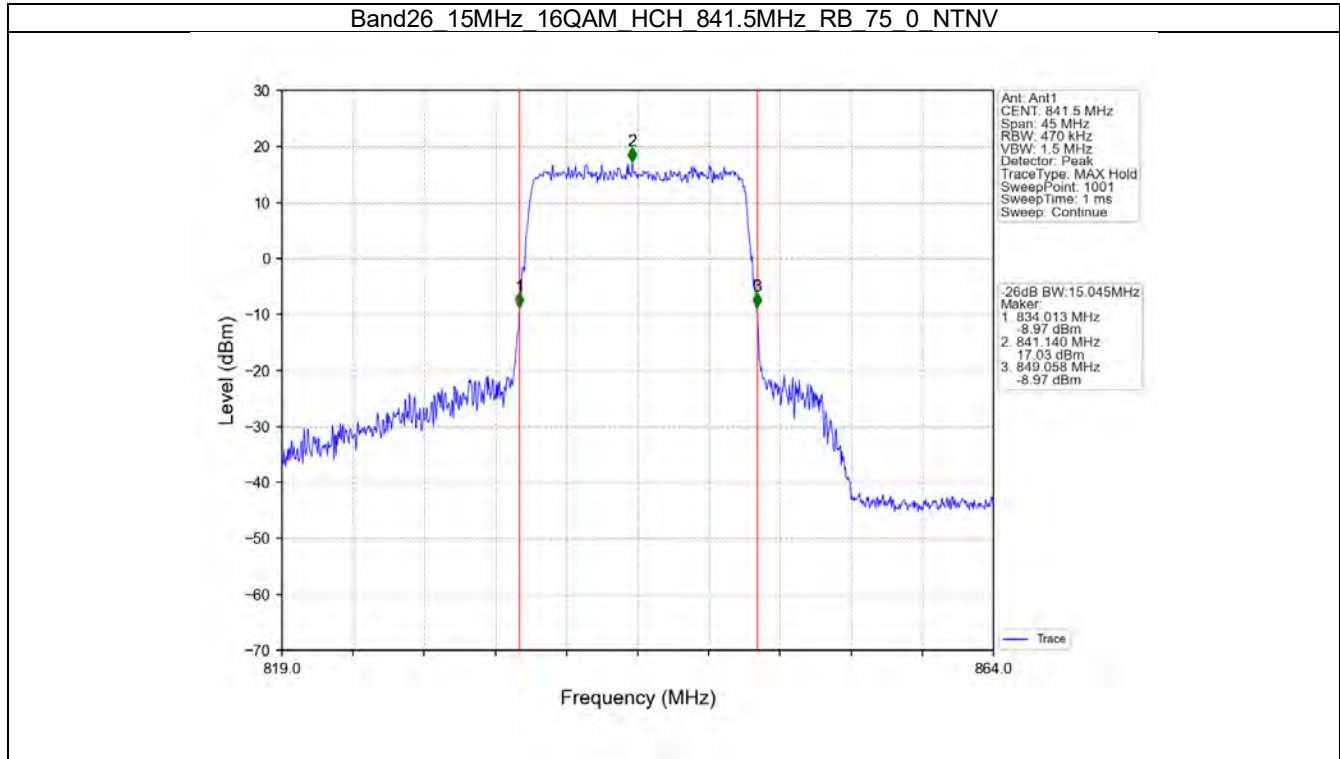
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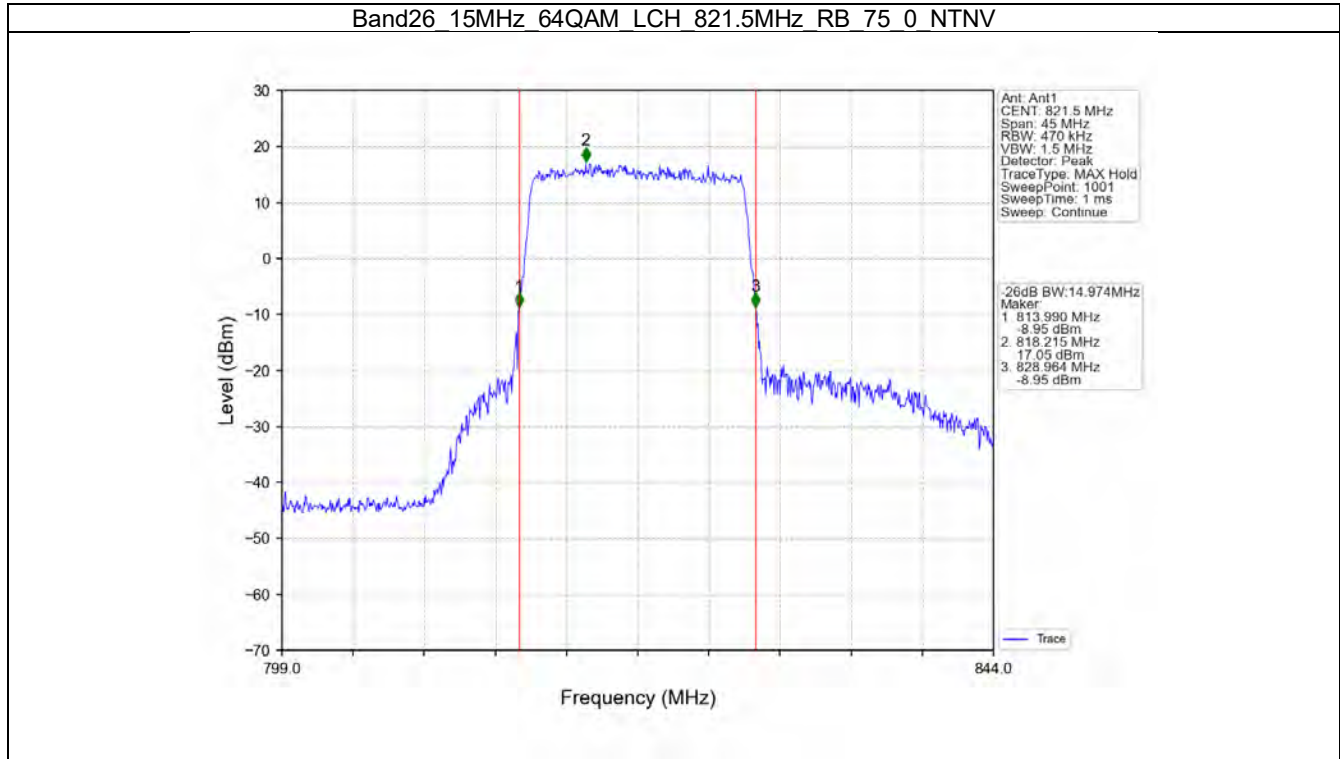


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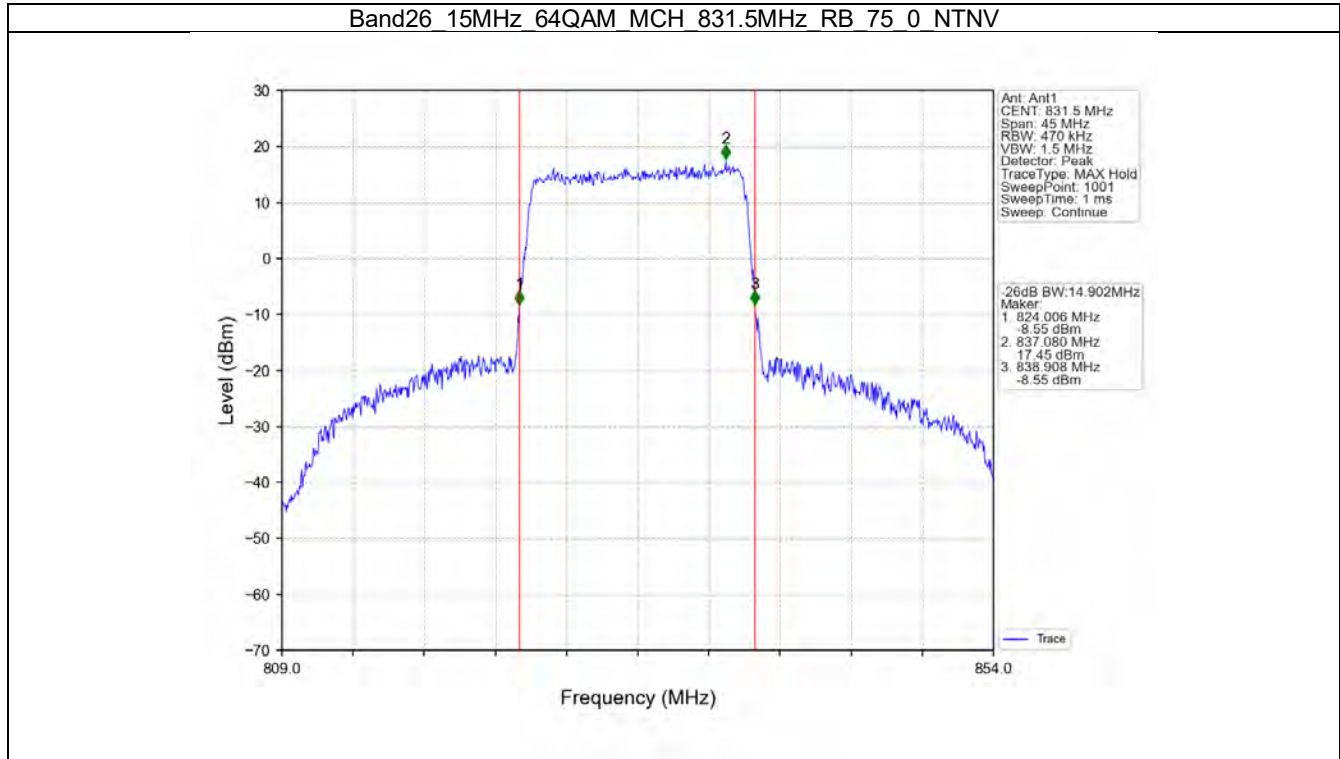
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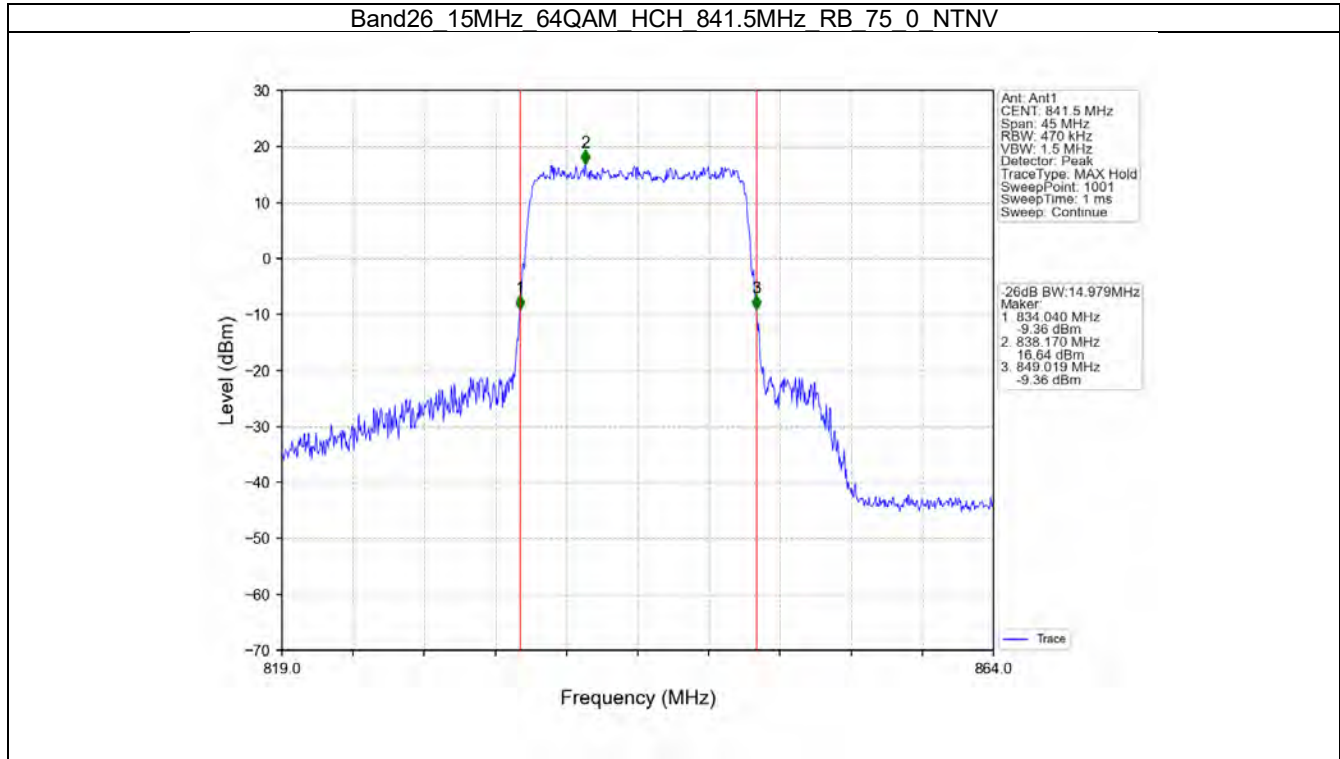
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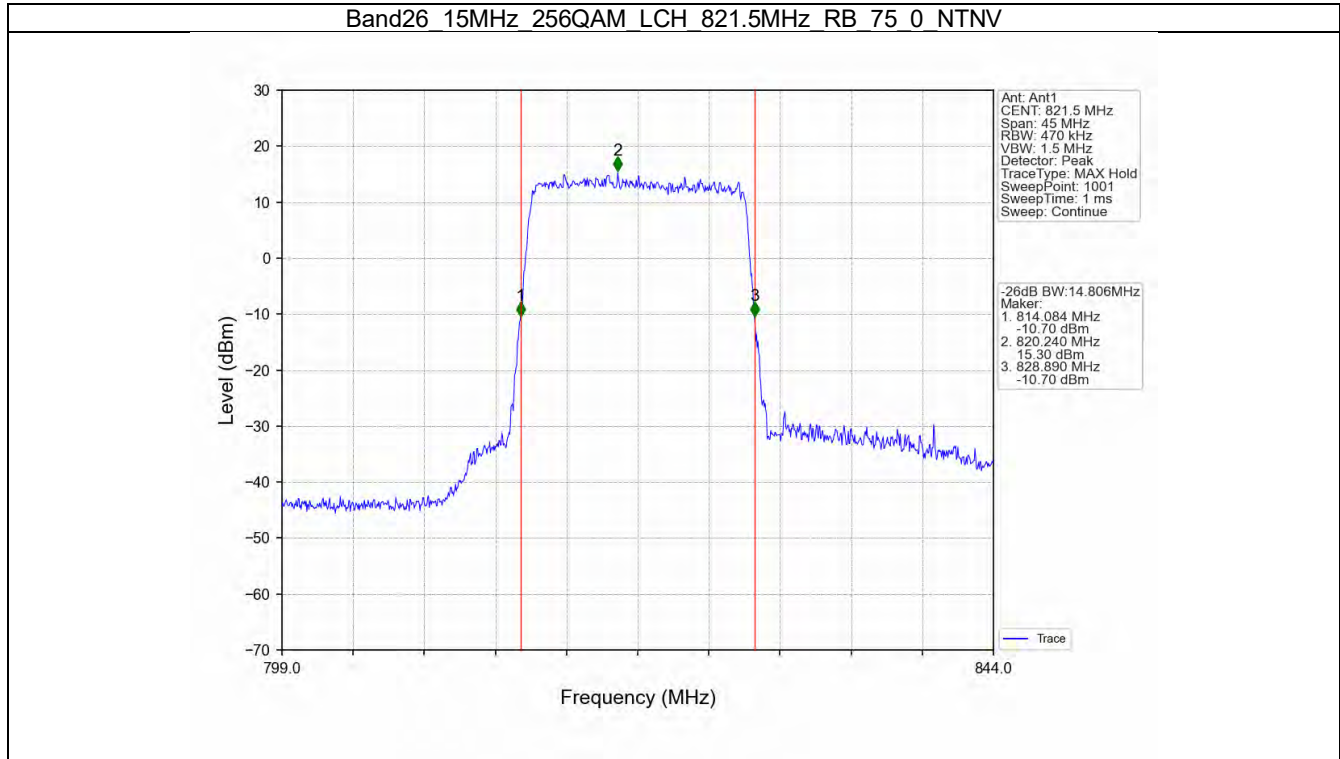


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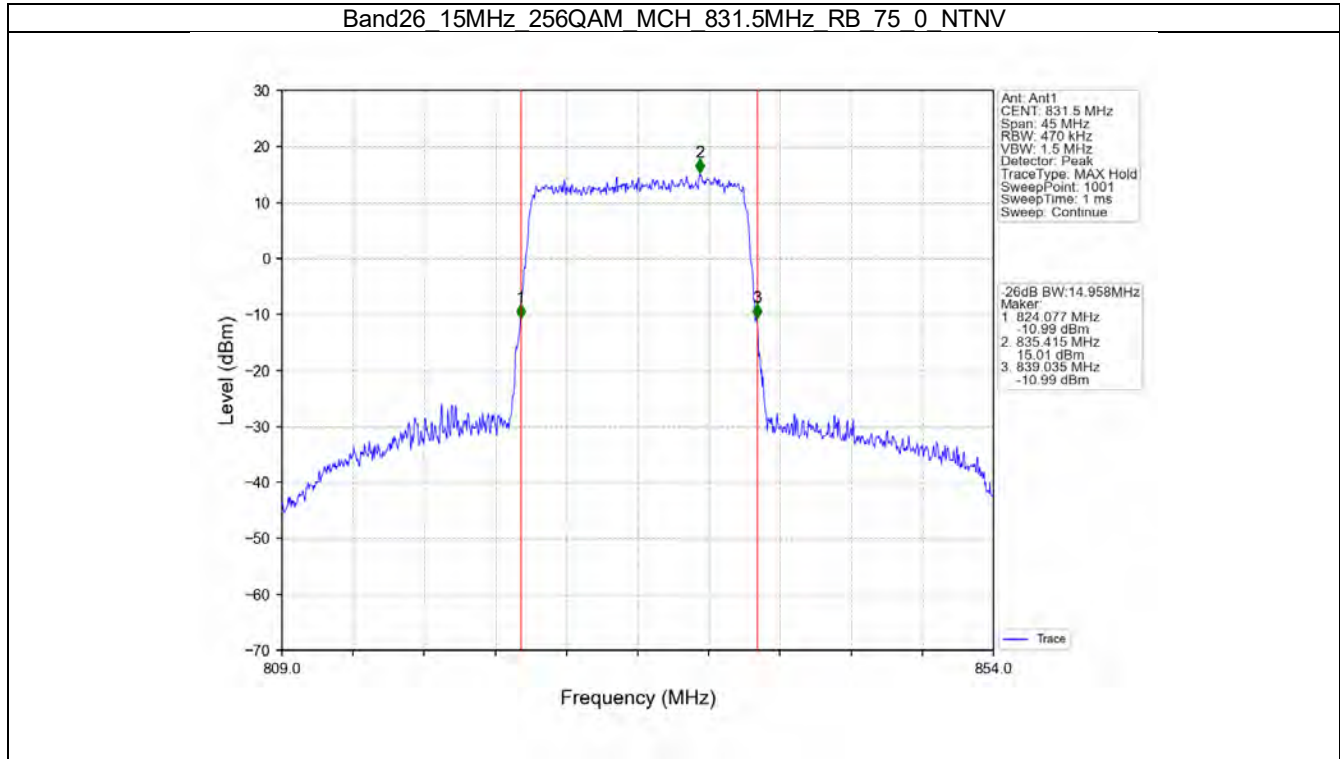
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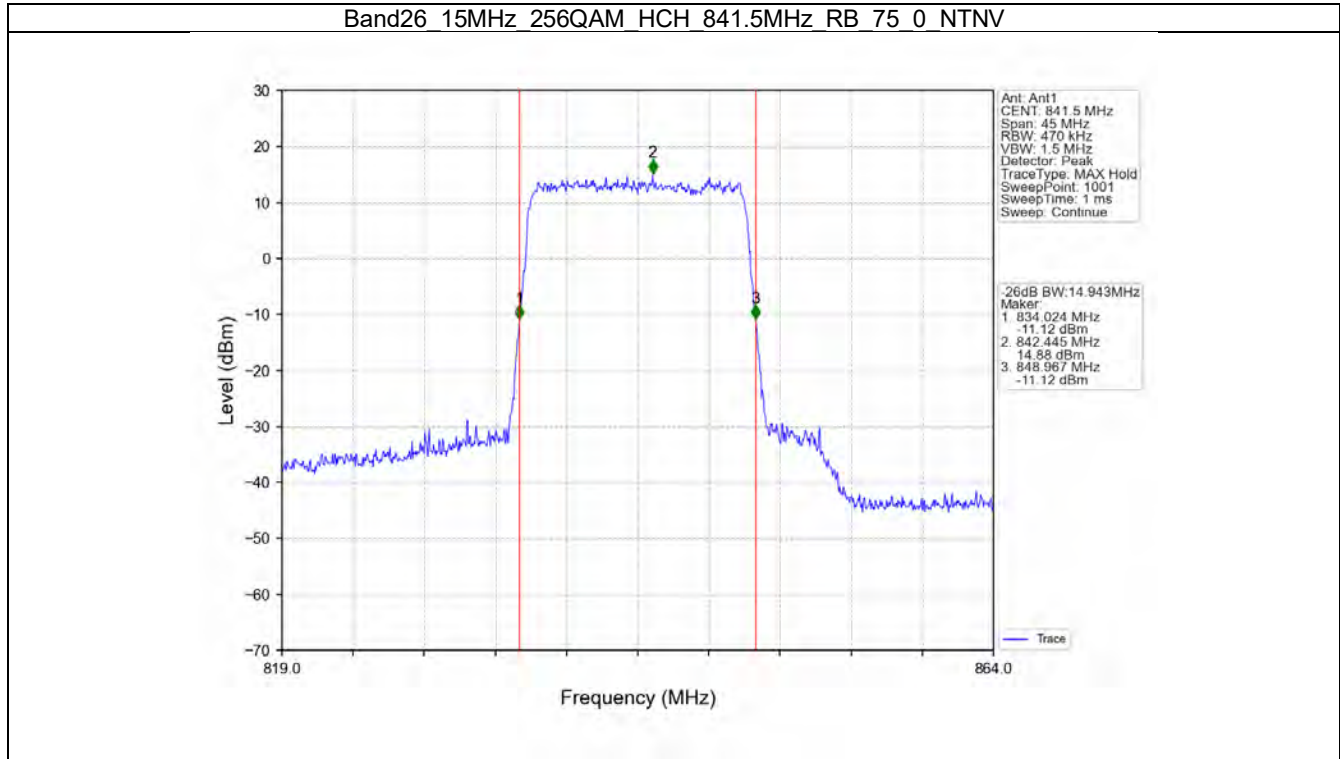
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4. Peak-Average Ratio

4.1 B26_1.4MHz

4.1.1 Test Result

Band: 26b / Bandwidth: 1.4MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	824.7	6	0	4.64	<=13	Pass
	836.5	6	0	6.51	<=13	Pass
	848.3	6	0	5.29	<=13	Pass
16QAM	824.7	6	0	5.49	<=13	Pass
	836.5	6	0	6.44	<=13	Pass
	848.3	6	0	6.14	<=13	Pass
64QAM	824.7	6	0	5.85	<=13	Pass
	836.5	6	0	6.58	<=13	Pass
	848.3	6	0	6.64	<=13	Pass
256QAM	824.7	6	0	6.71	<=13	Pass
	836.5	6	0	6.77	<=13	Pass
	848.3	6	0	6.53	<=13	Pass



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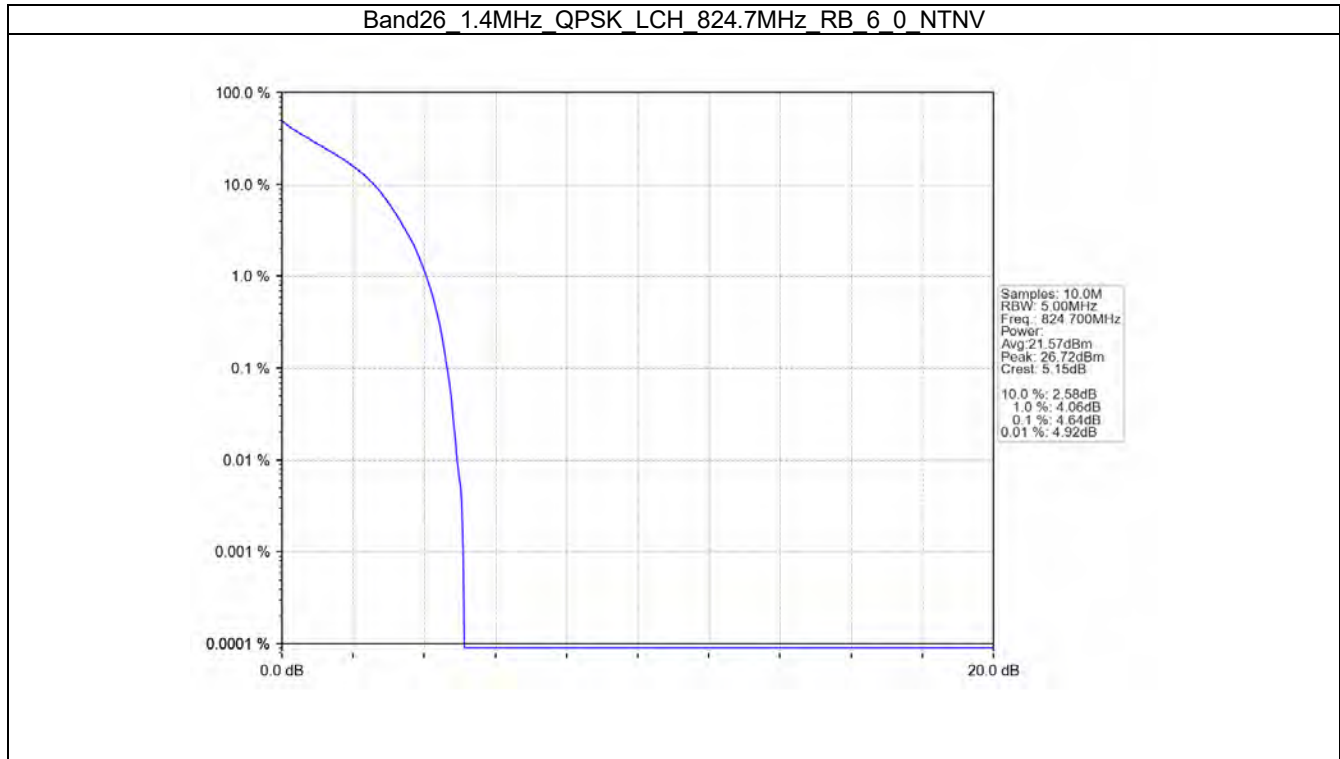
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4.1.2 Test Graph



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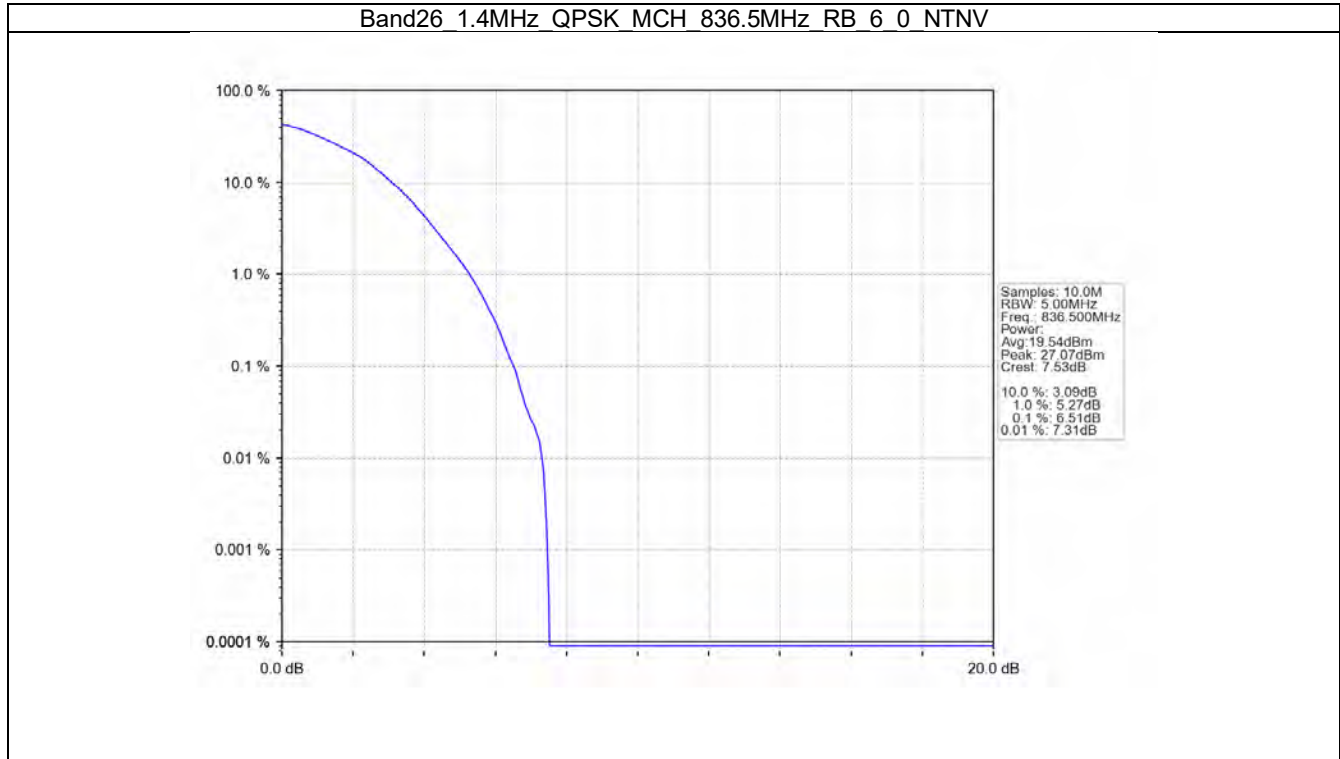
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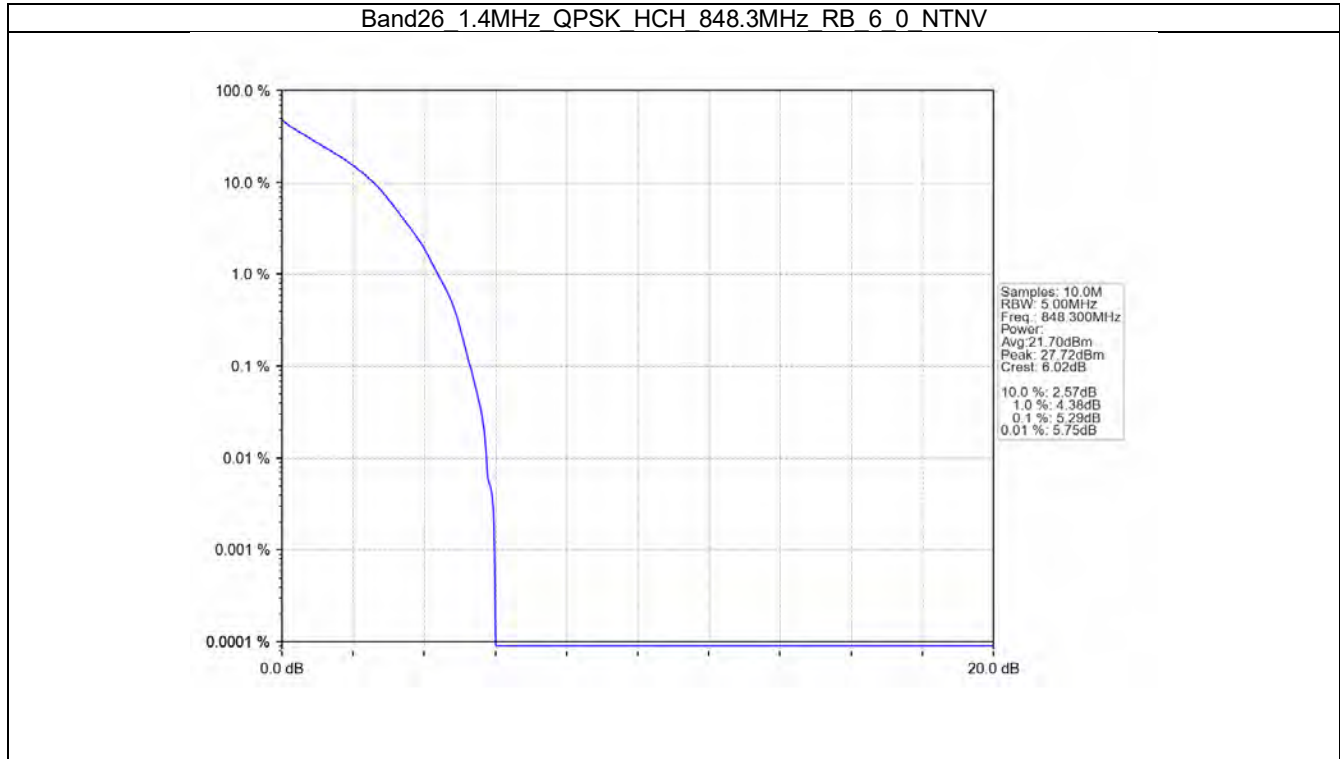
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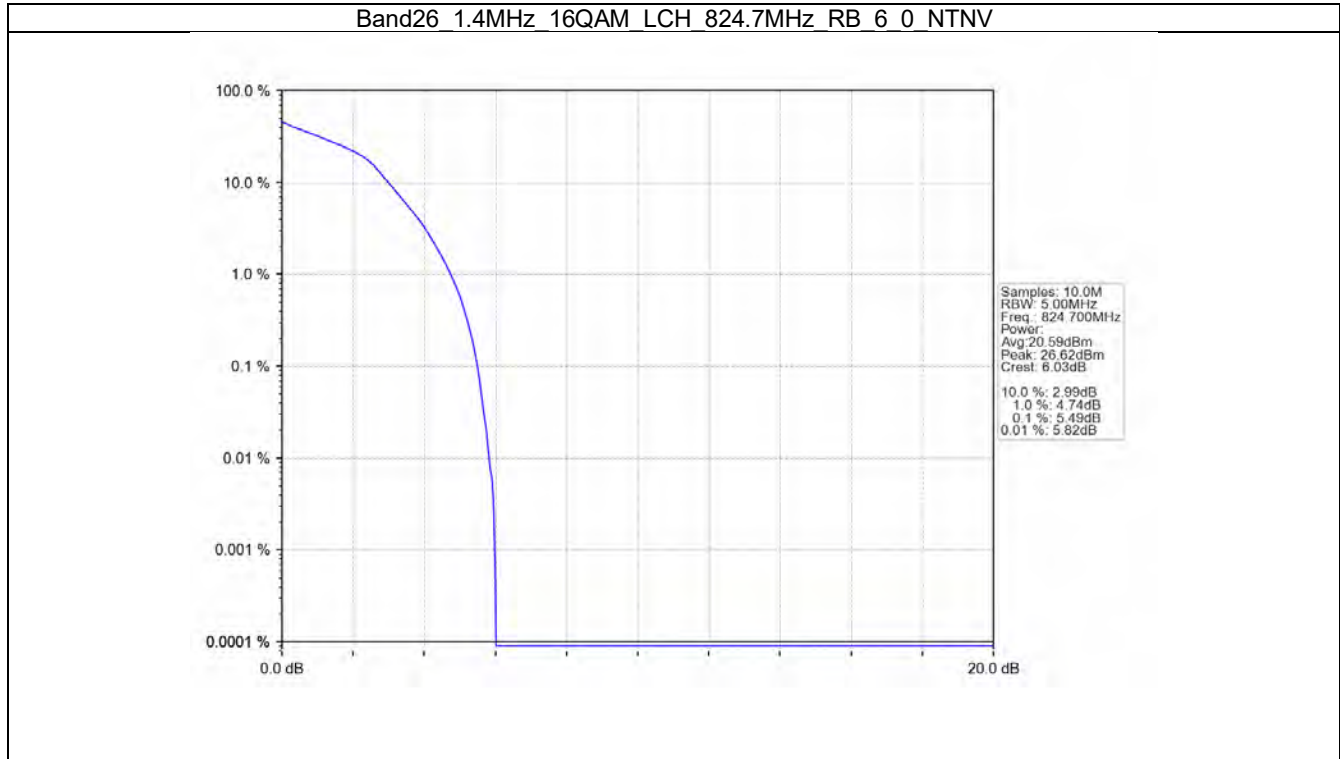
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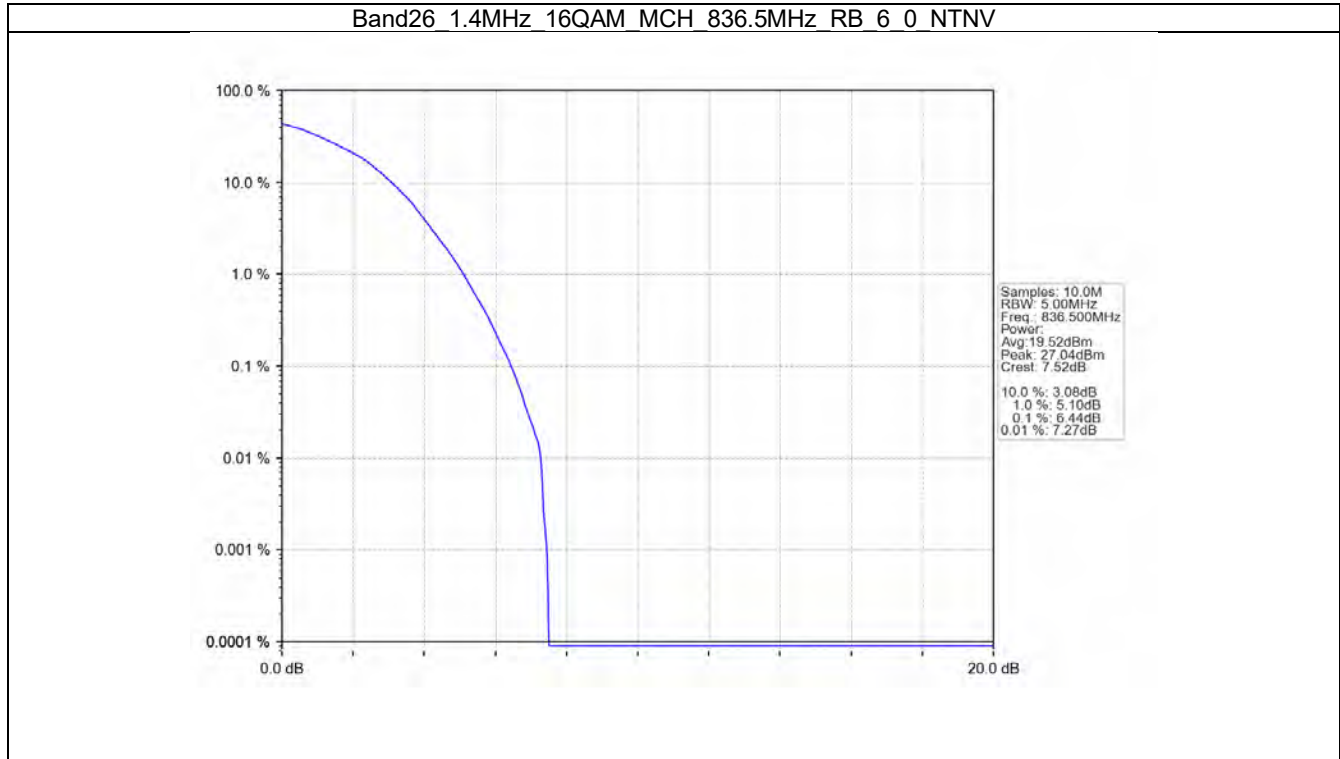
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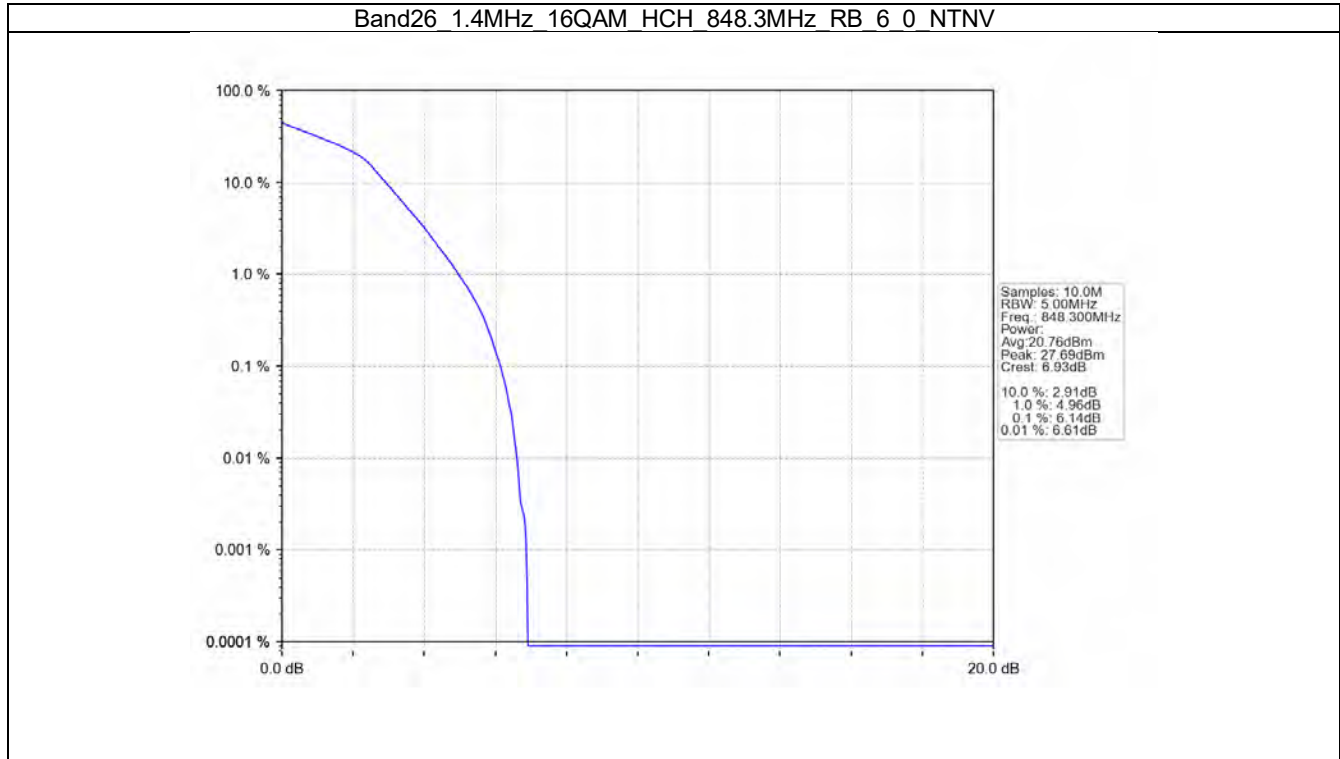
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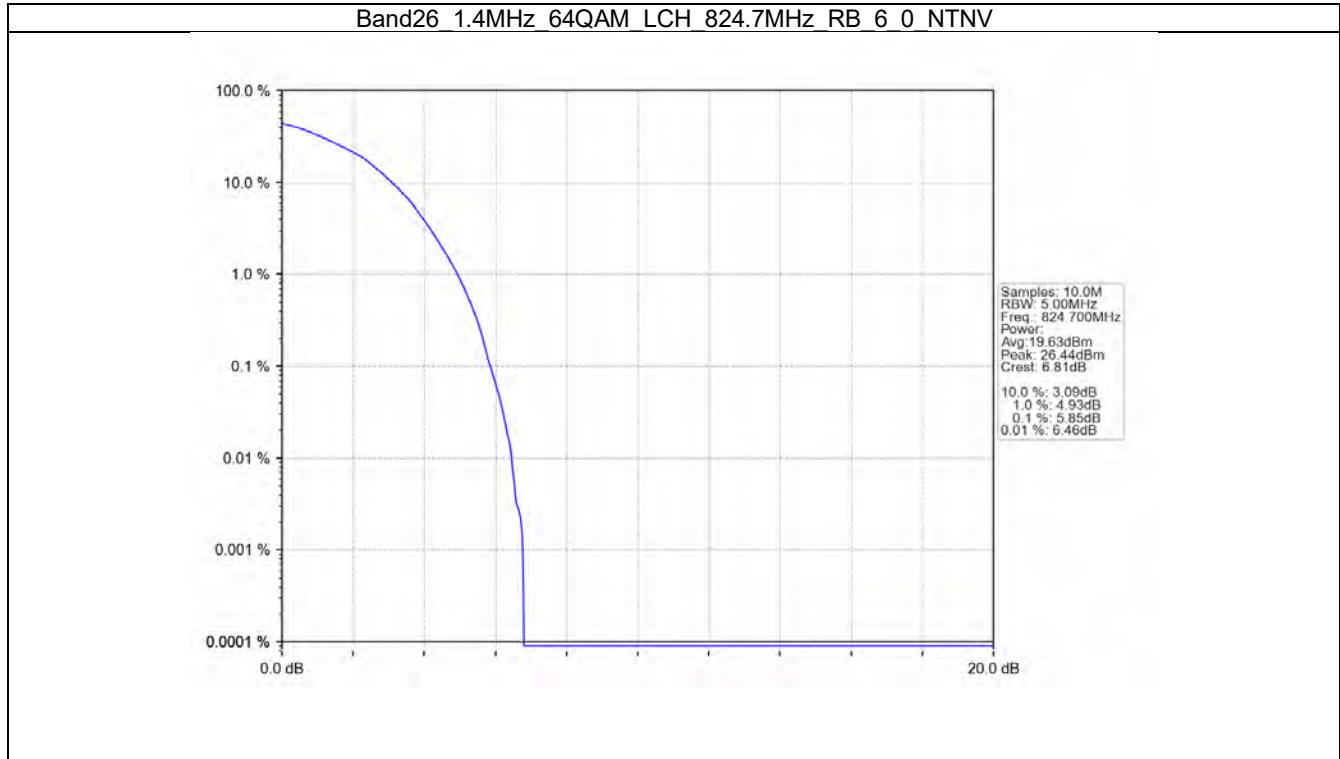
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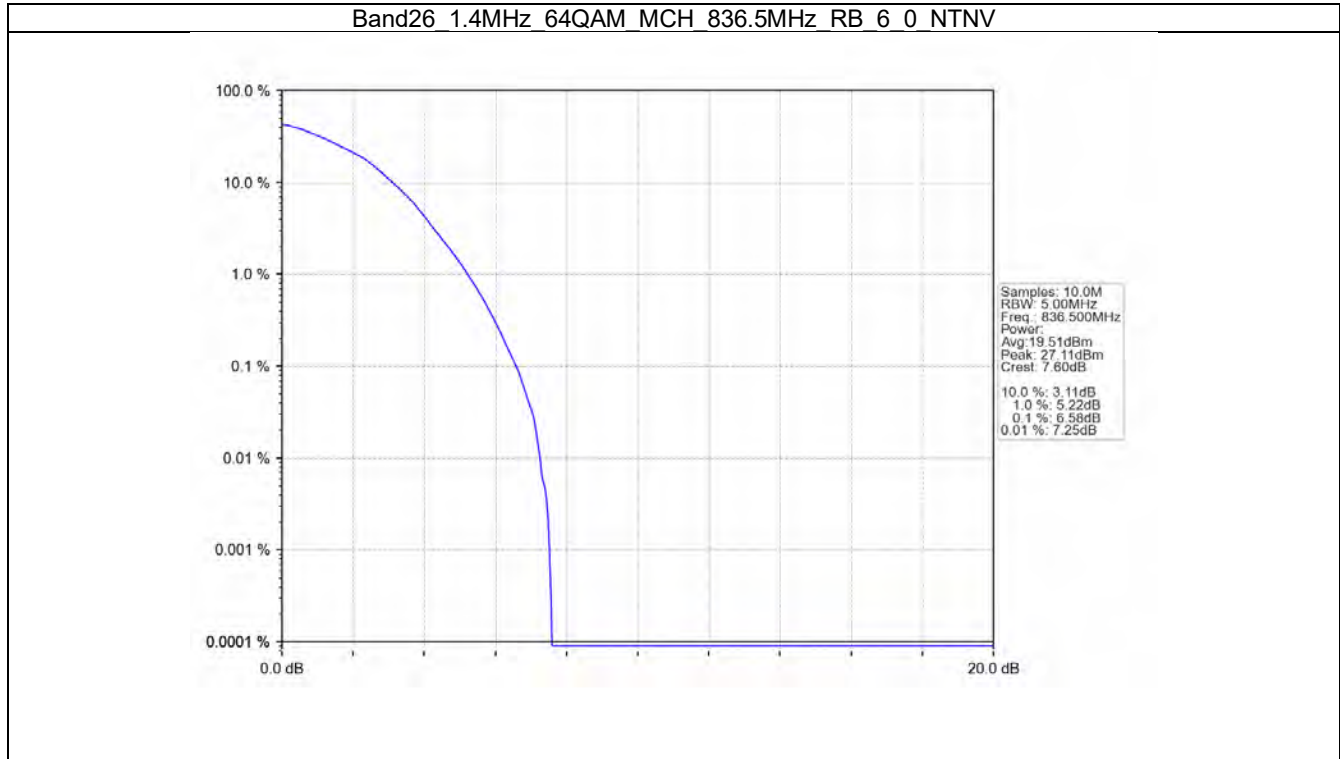
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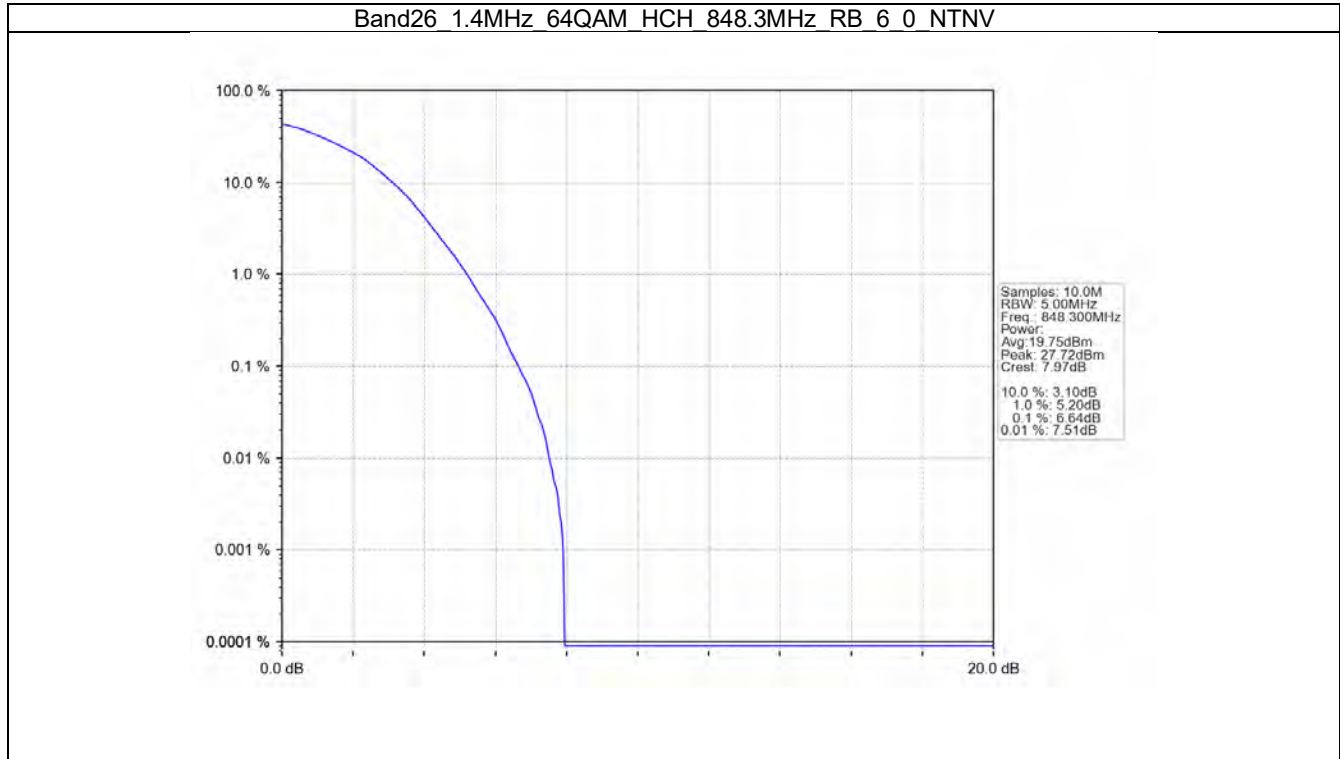
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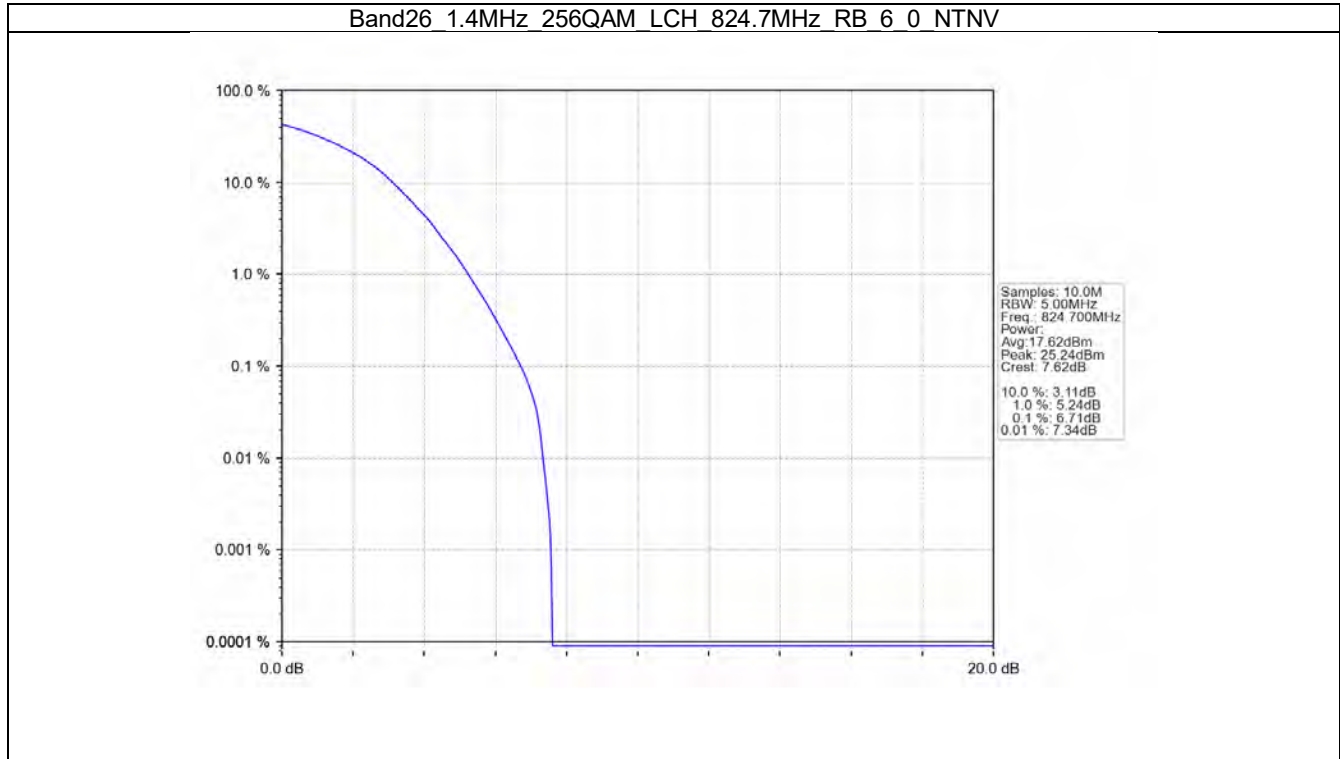
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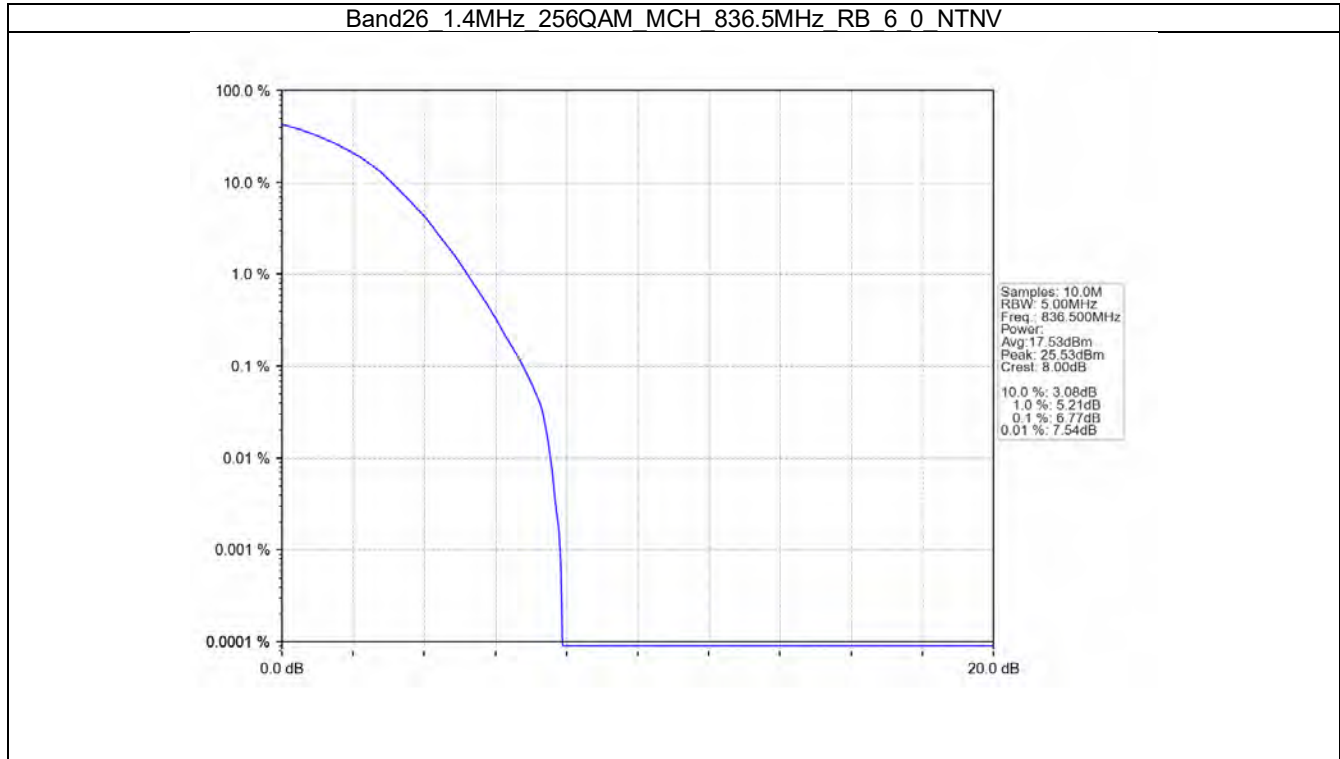
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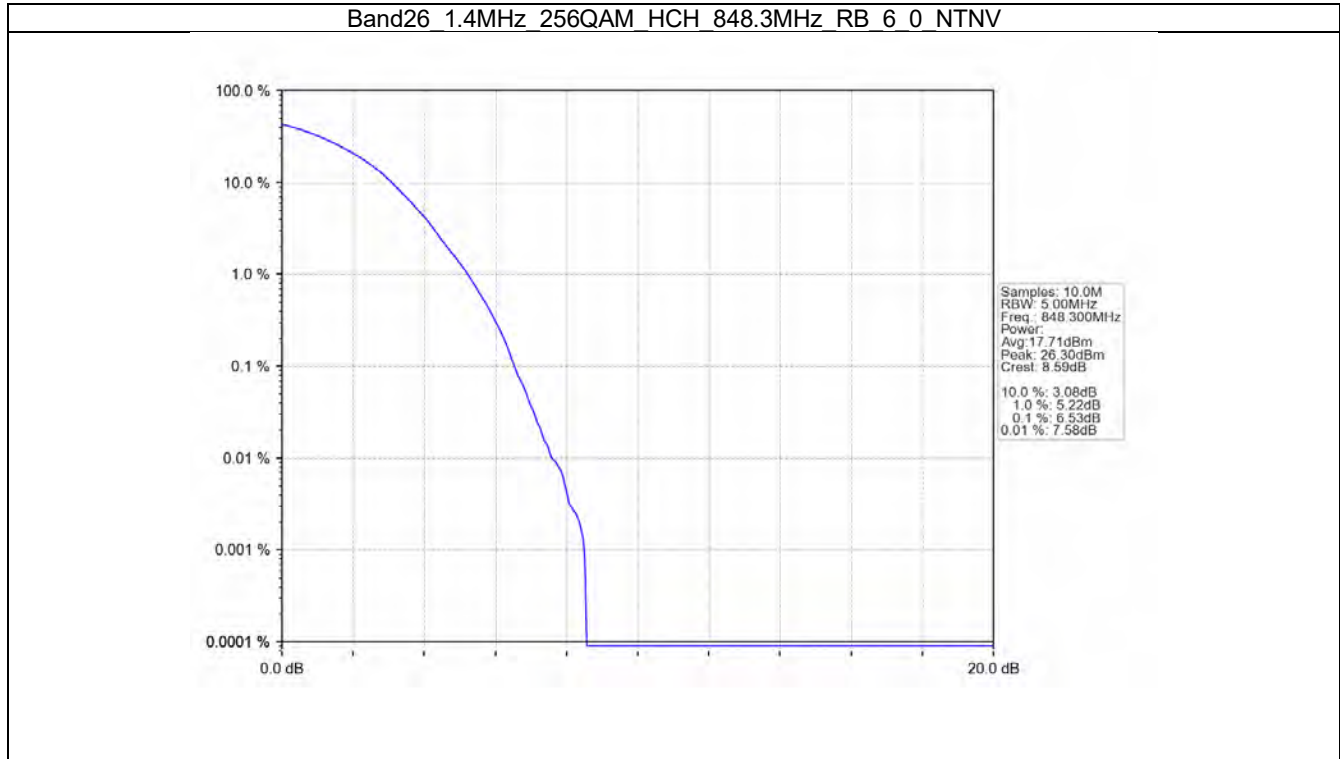
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4.2 B26_3MHz

4.2.1 Test Result

Band: 26b / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	825.5	15	0	4.60	<=13	Pass
	836.5	15	0	5.40	<=13	Pass
	847.5	15	0	5.27	<=13	Pass
16QAM	825.5	15	0	5.46	<=13	Pass
	836.5	15	0	6.15	<=13	Pass
	847.5	15	0	6.09	<=13	Pass
64QAM	825.5	15	0	6.01	<=13	Pass
	836.5	15	0	6.46	<=13	Pass
	847.5	15	0	6.45	<=13	Pass
256QAM	825.5	15	0	6.67	<=13	Pass
	836.5	15	0	6.77	<=13	Pass
	847.5	15	0	6.61	<=13	Pass



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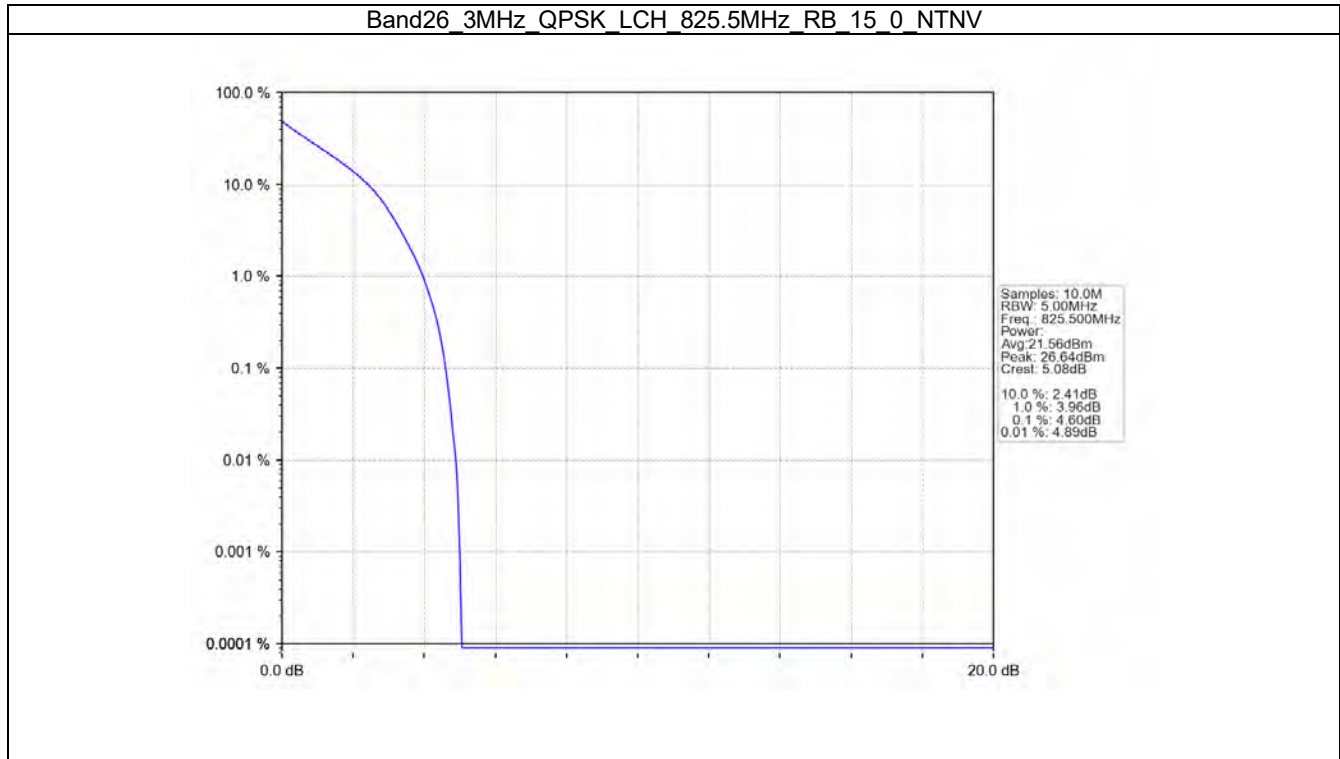
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4.2.2 Test Graph



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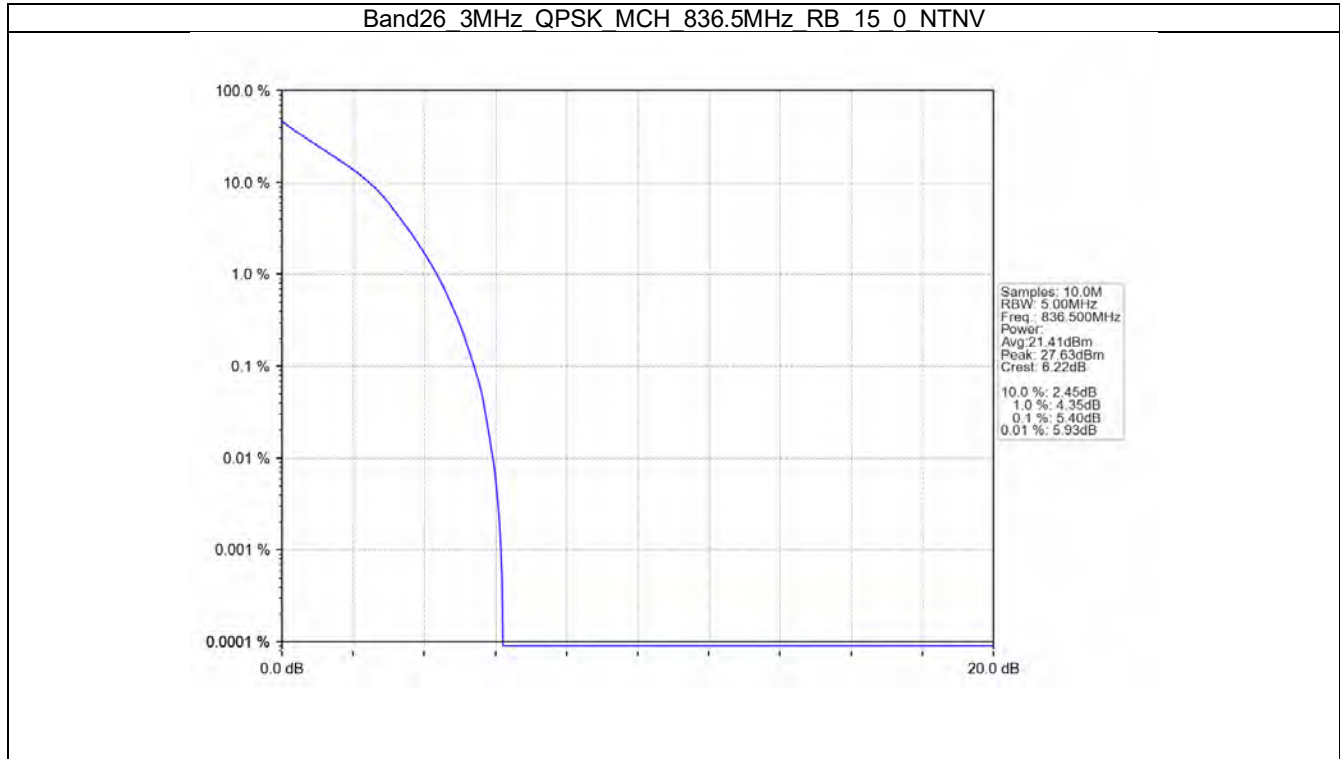
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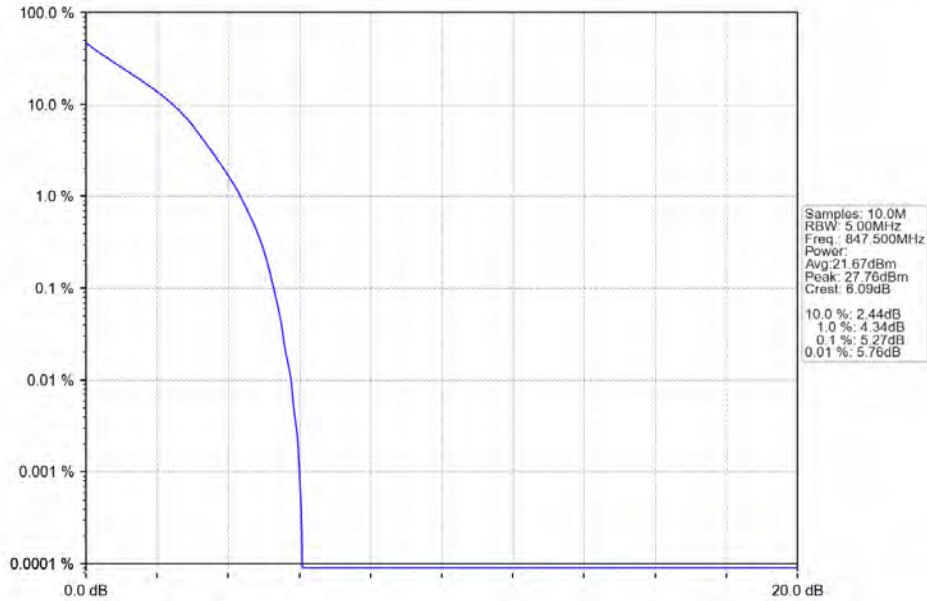
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Band26 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



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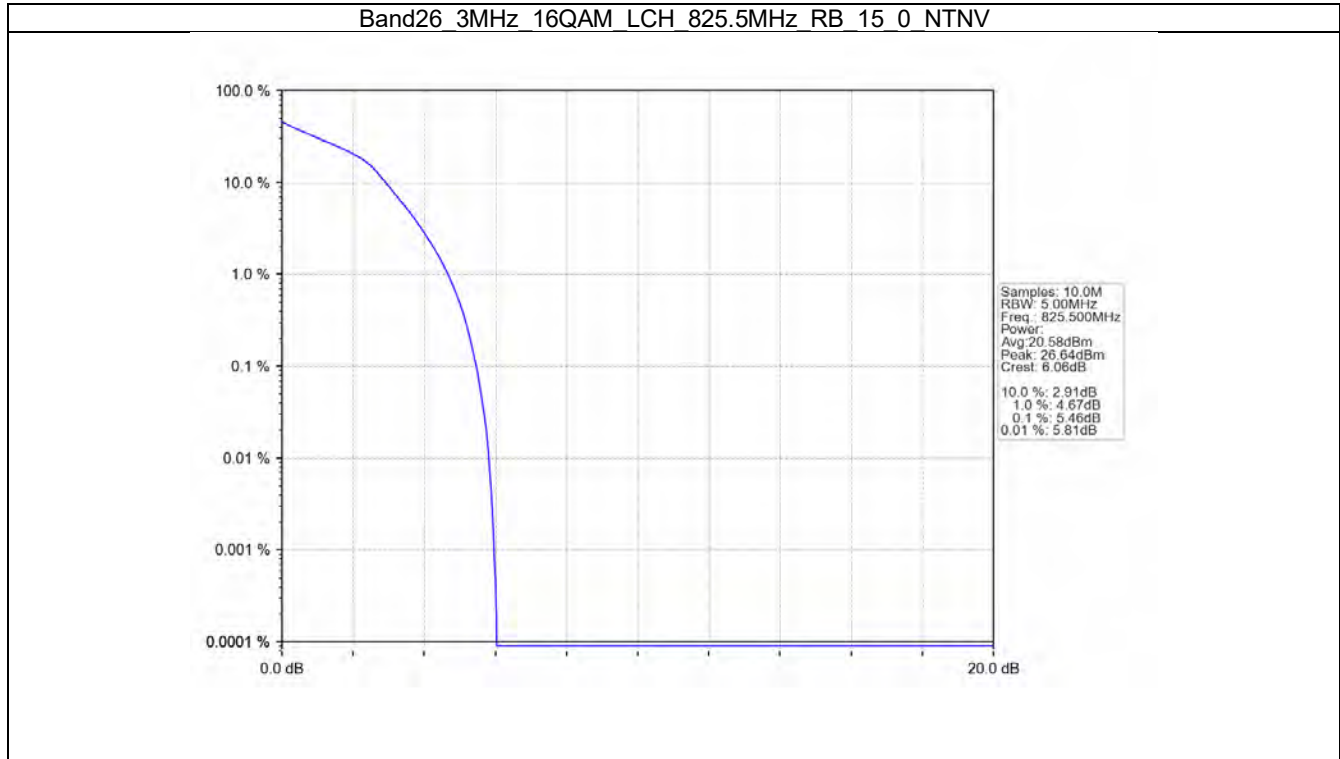
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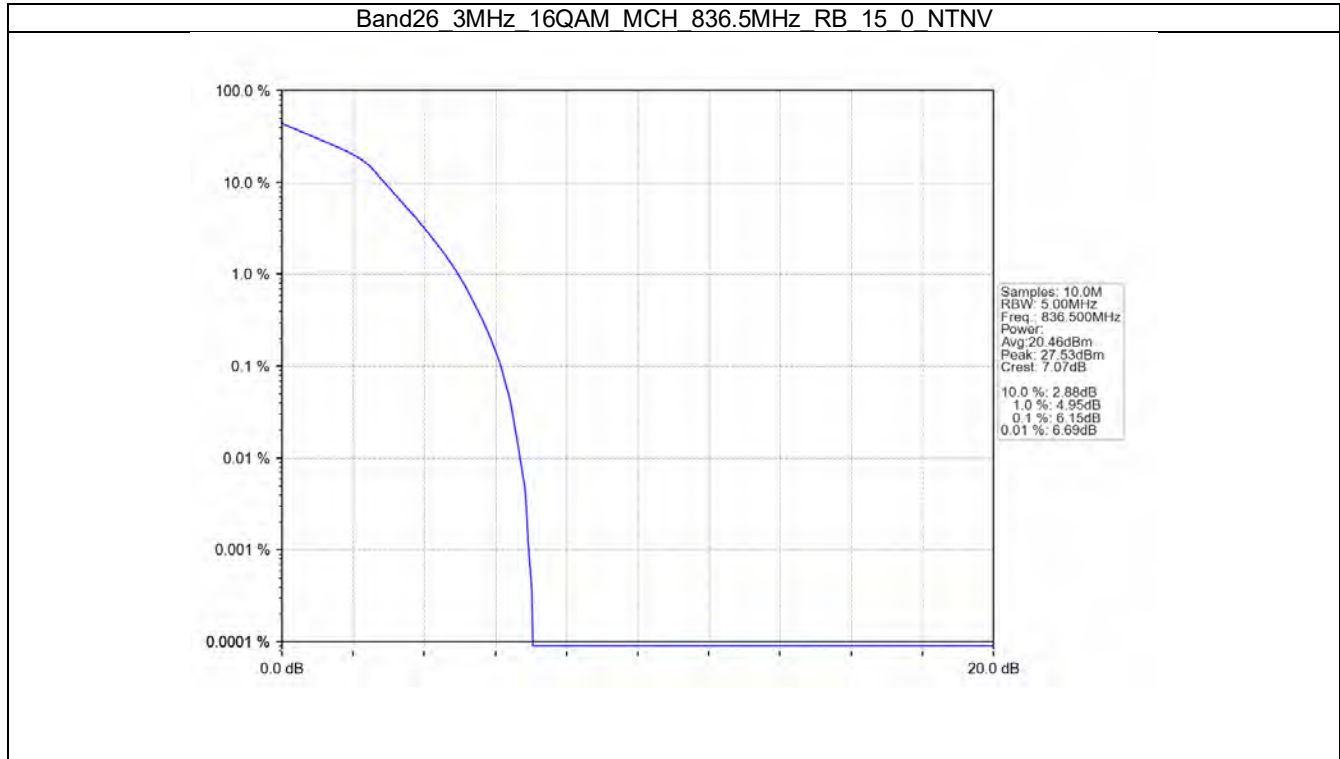
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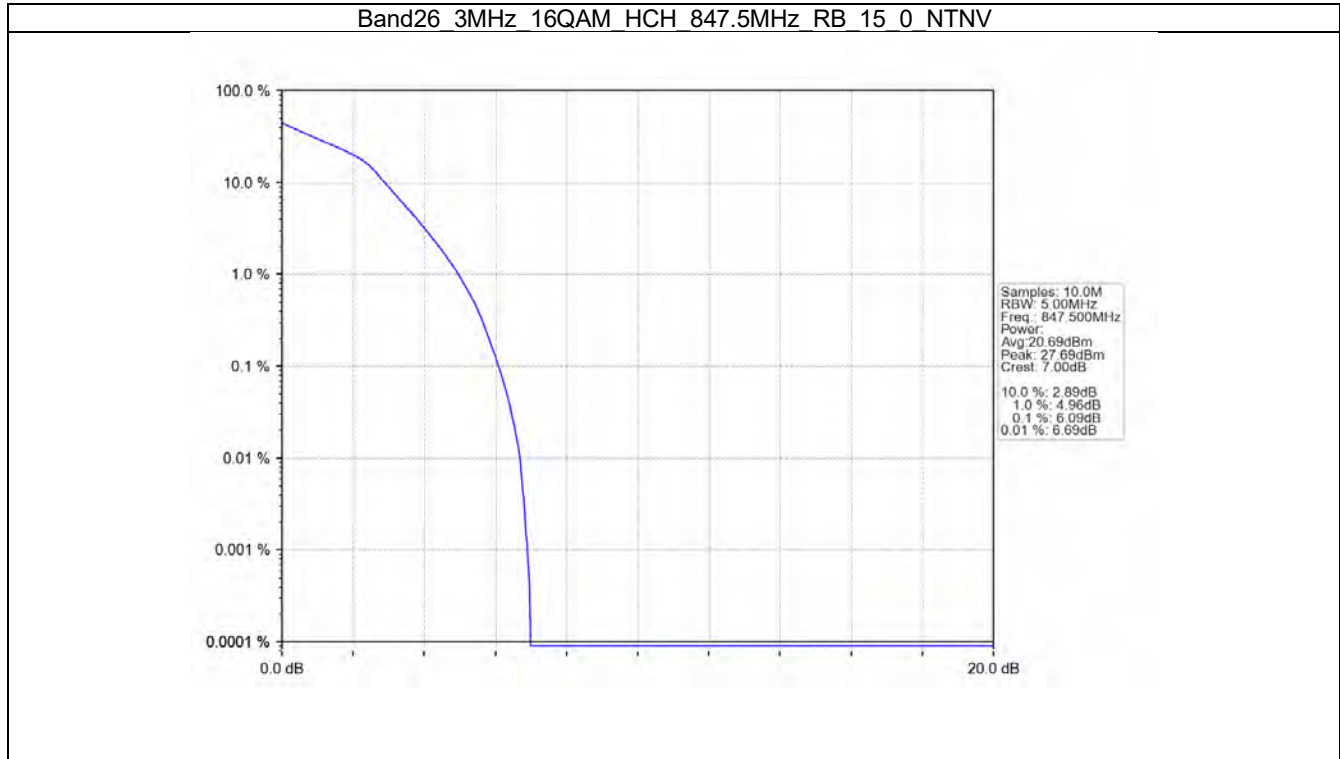
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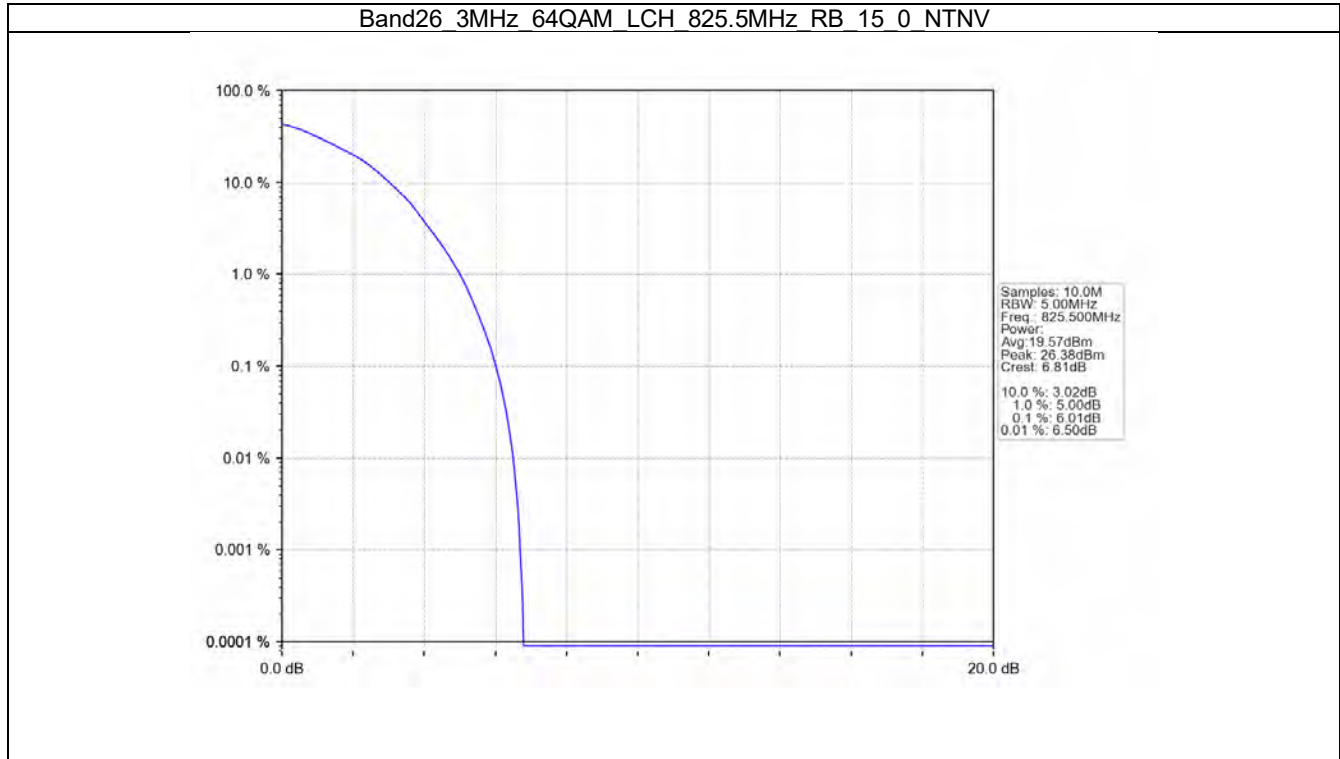
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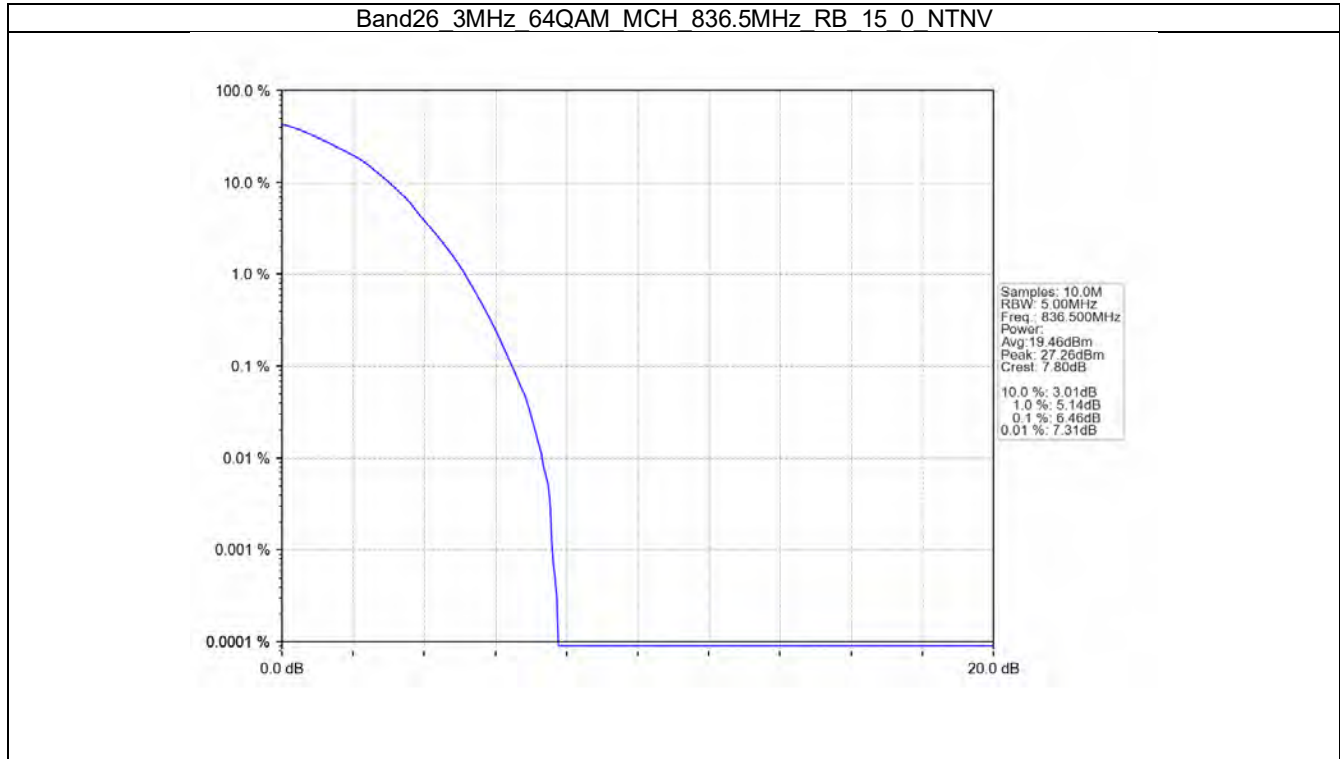
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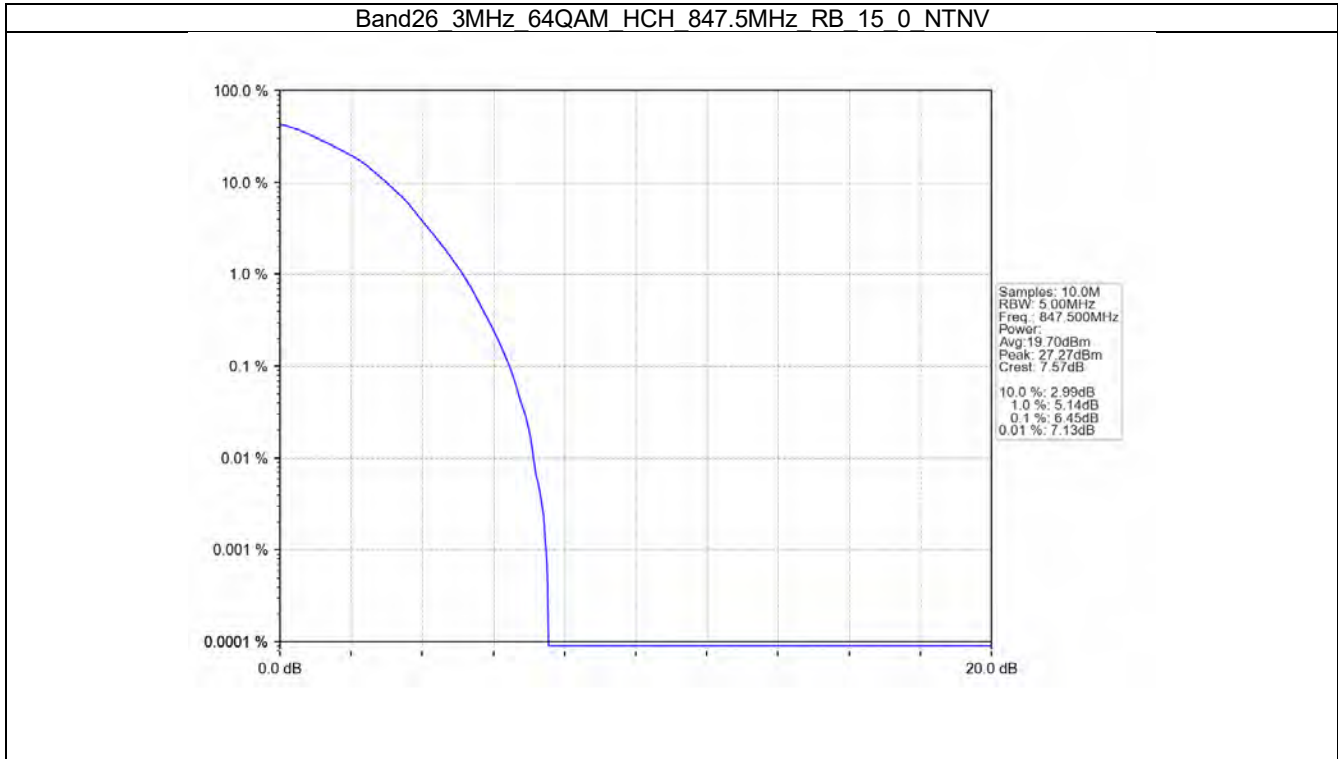
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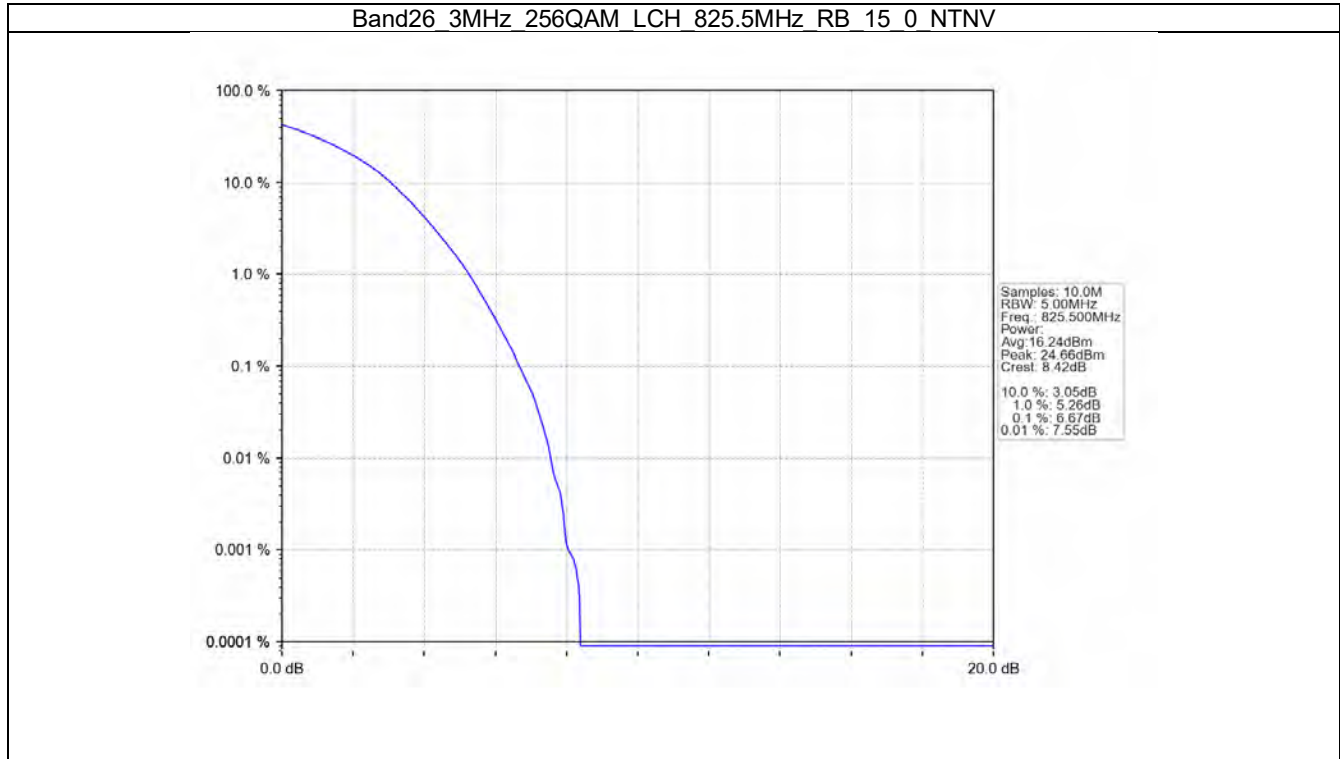
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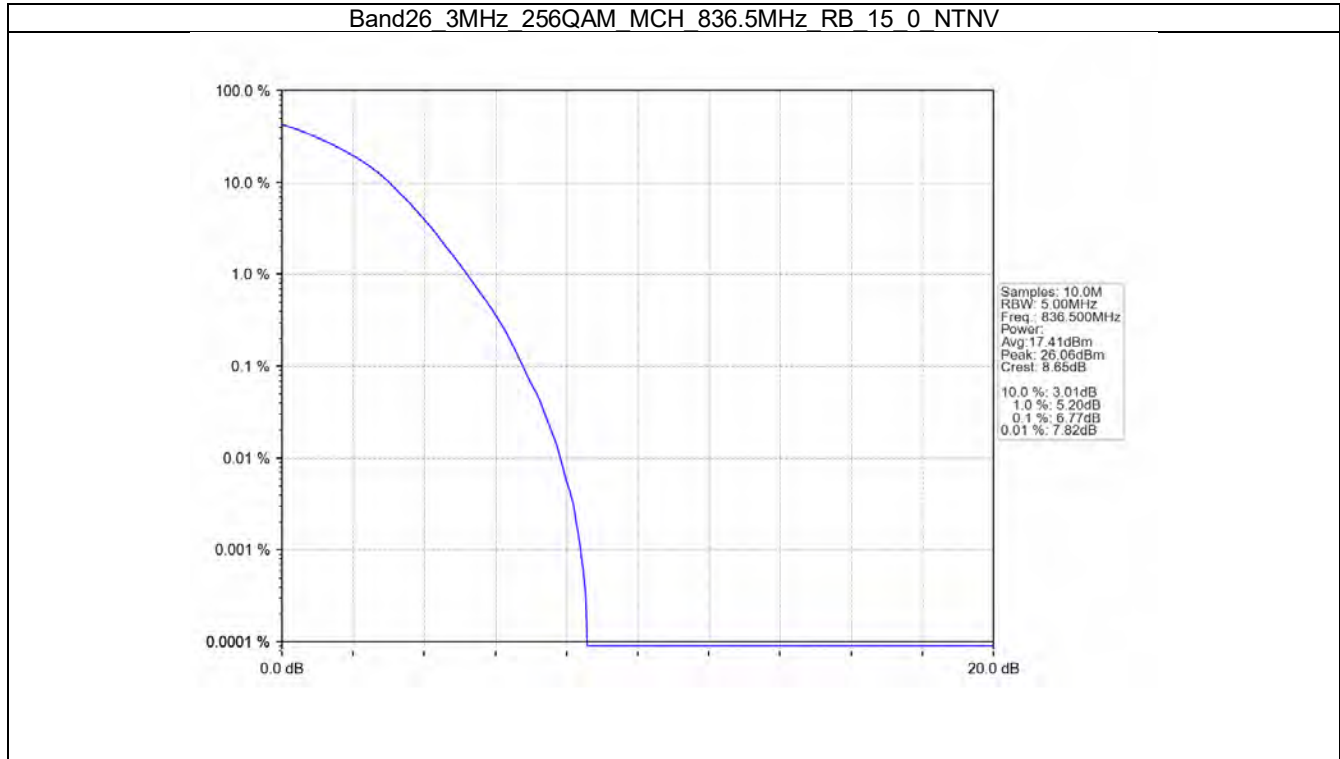
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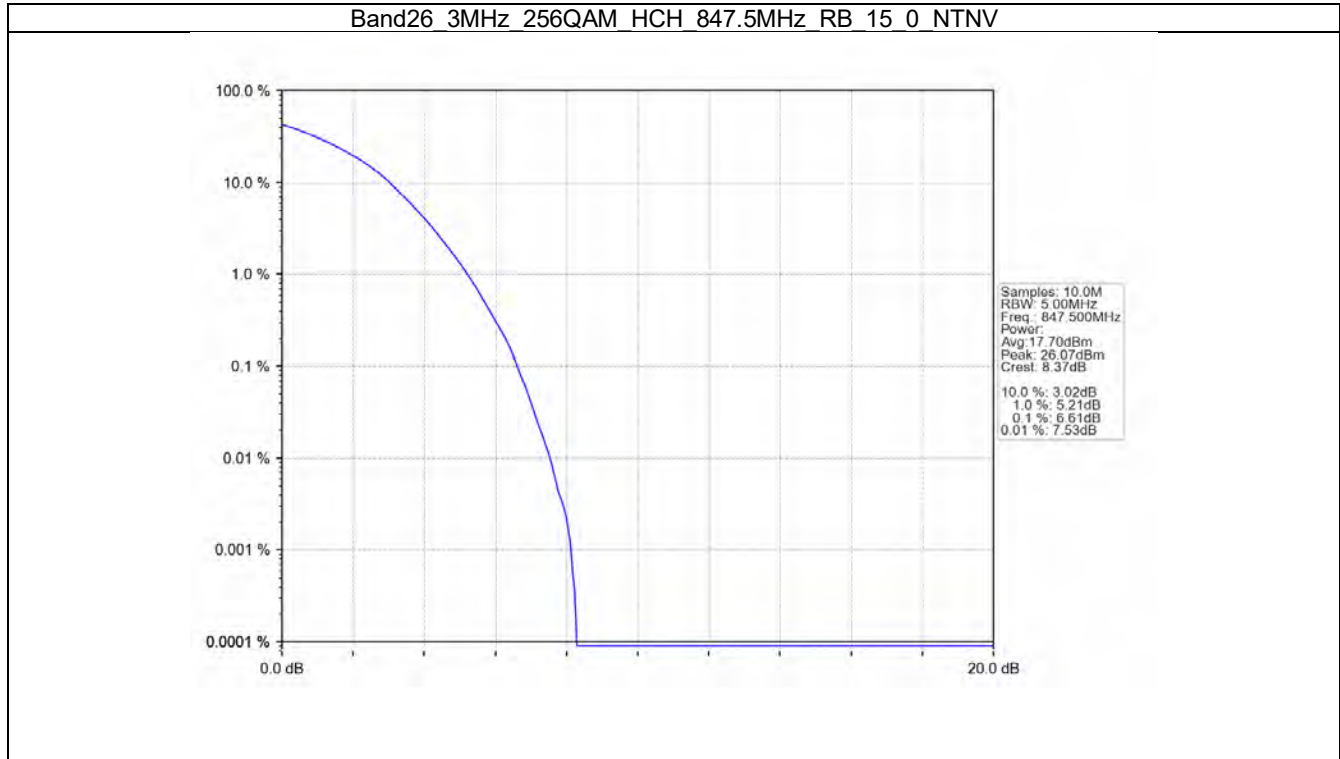
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4.3 B26_5MHz

4.3.1 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	4.74	<=13	Pass
	836.5	25	0	5.41	<=13	Pass
	846.5	25	0	5.27	<=13	Pass
16QAM	826.5	25	0	5.50	<=13	Pass
	836.5	25	0	6.15	<=13	Pass
	846.5	25	0	6.02	<=13	Pass
64QAM	826.5	25	0	5.97	<=13	Pass
	836.5	25	0	6.44	<=13	Pass
	846.5	25	0	6.35	<=13	Pass
256QAM	826.5	25	0	6.63	<=13	Pass
	836.5	25	0	6.75	<=13	Pass
	846.5	25	0	6.70	<=13	Pass



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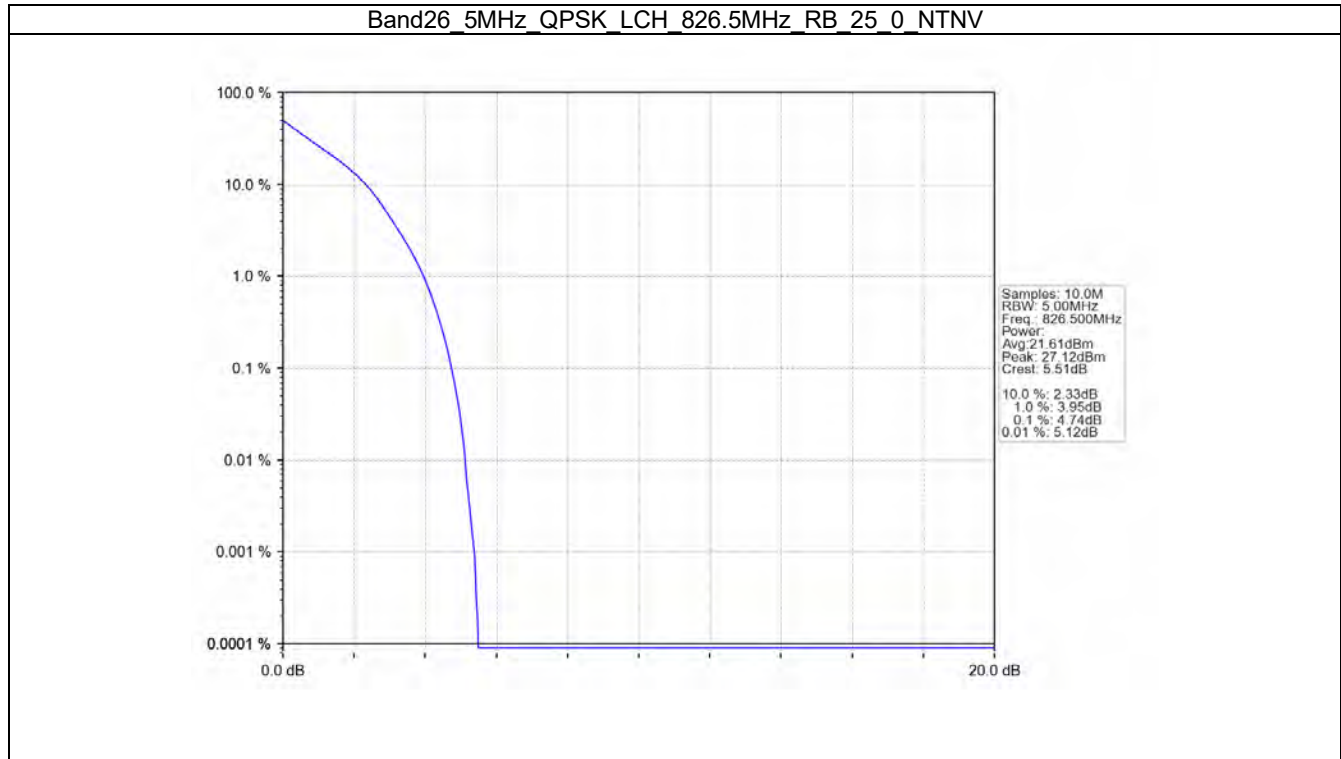
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4.3.2 Test Graph



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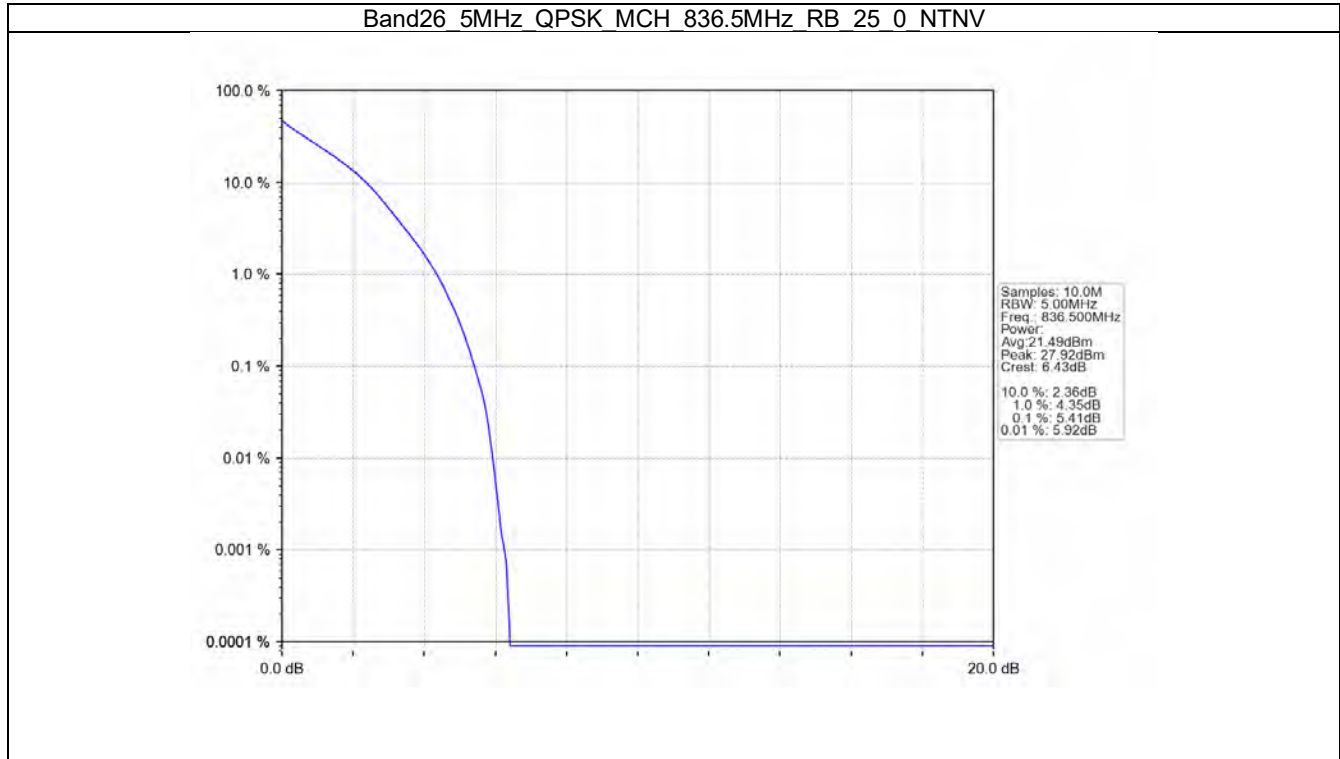
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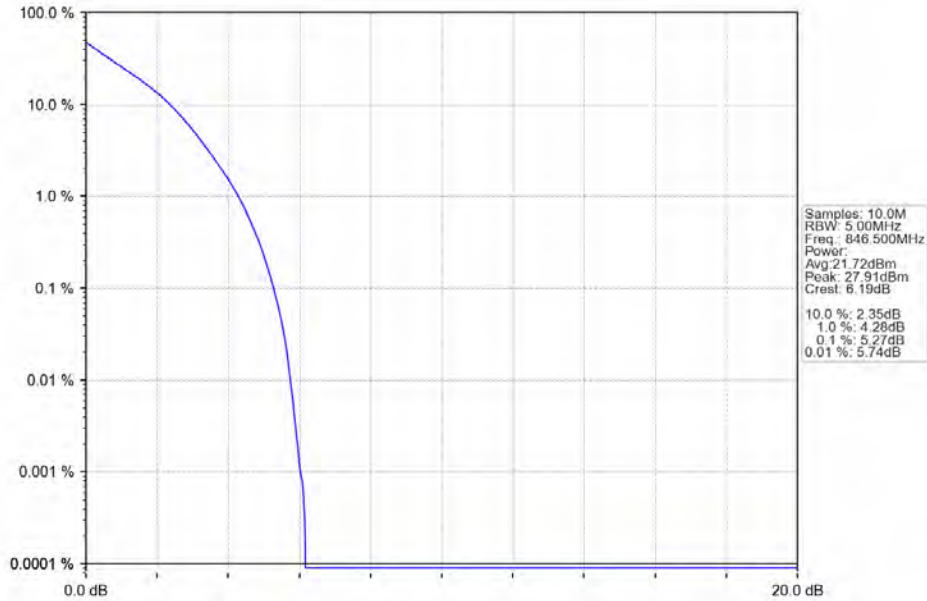
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Band26 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



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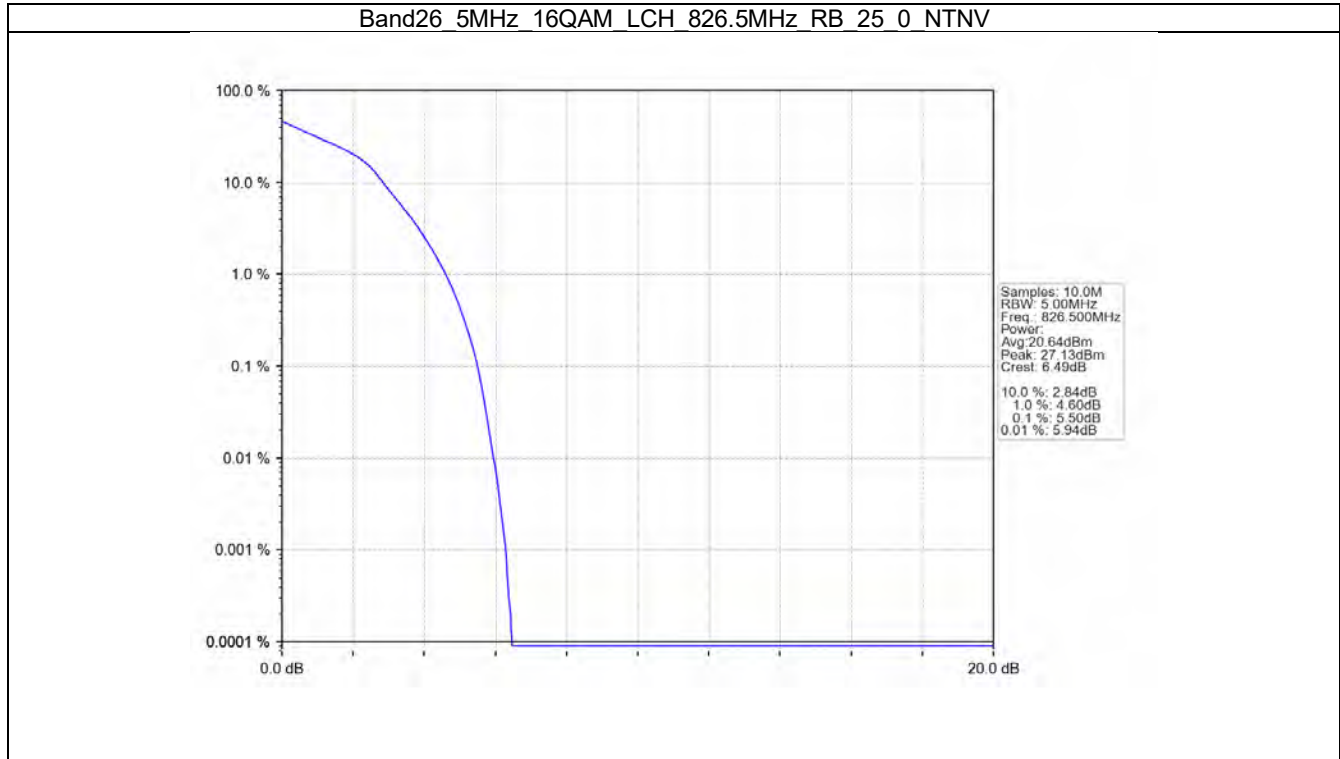
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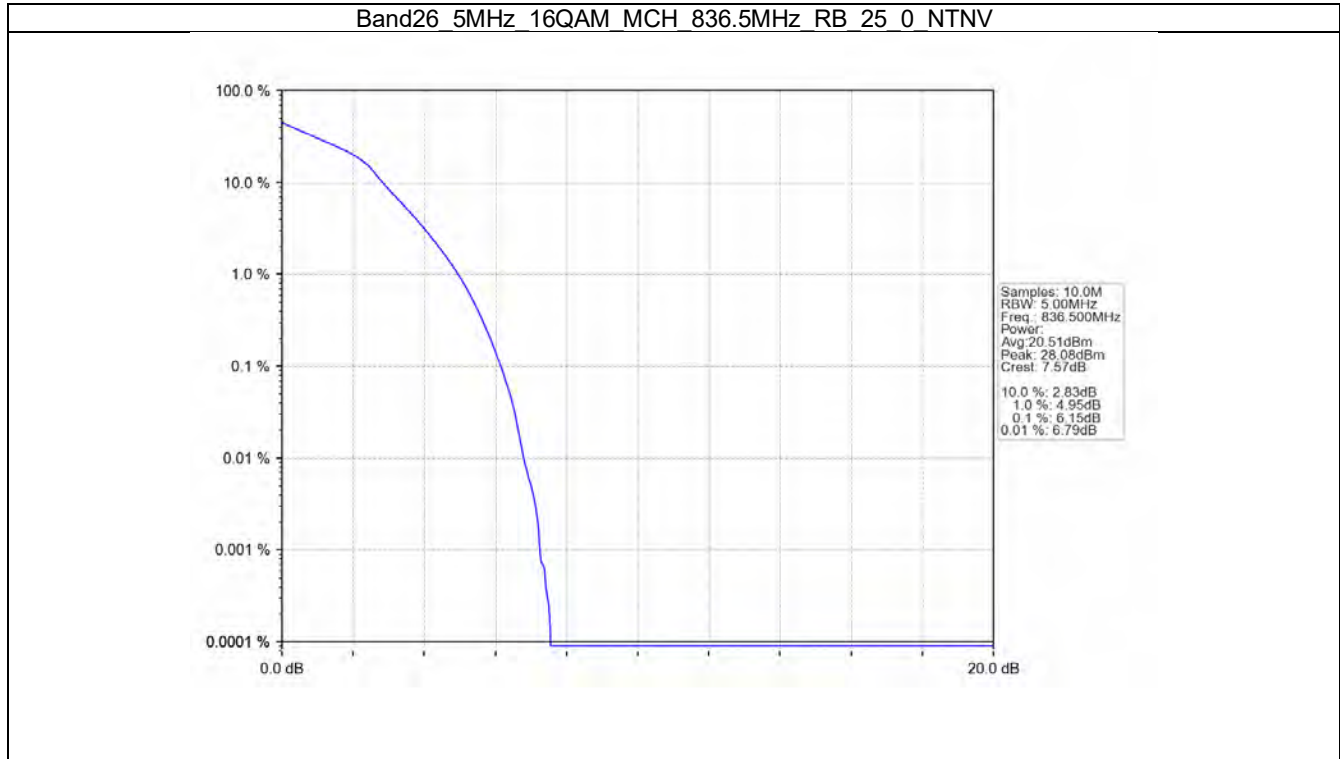
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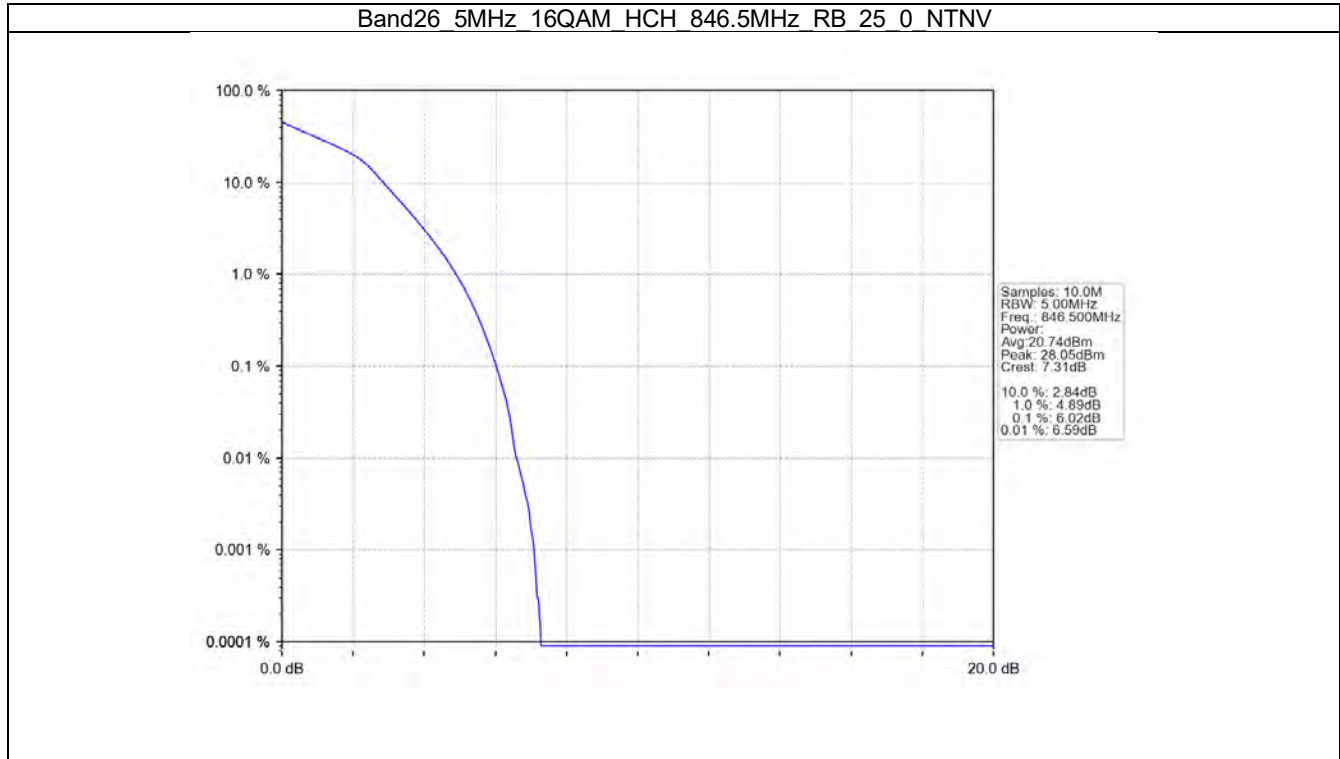
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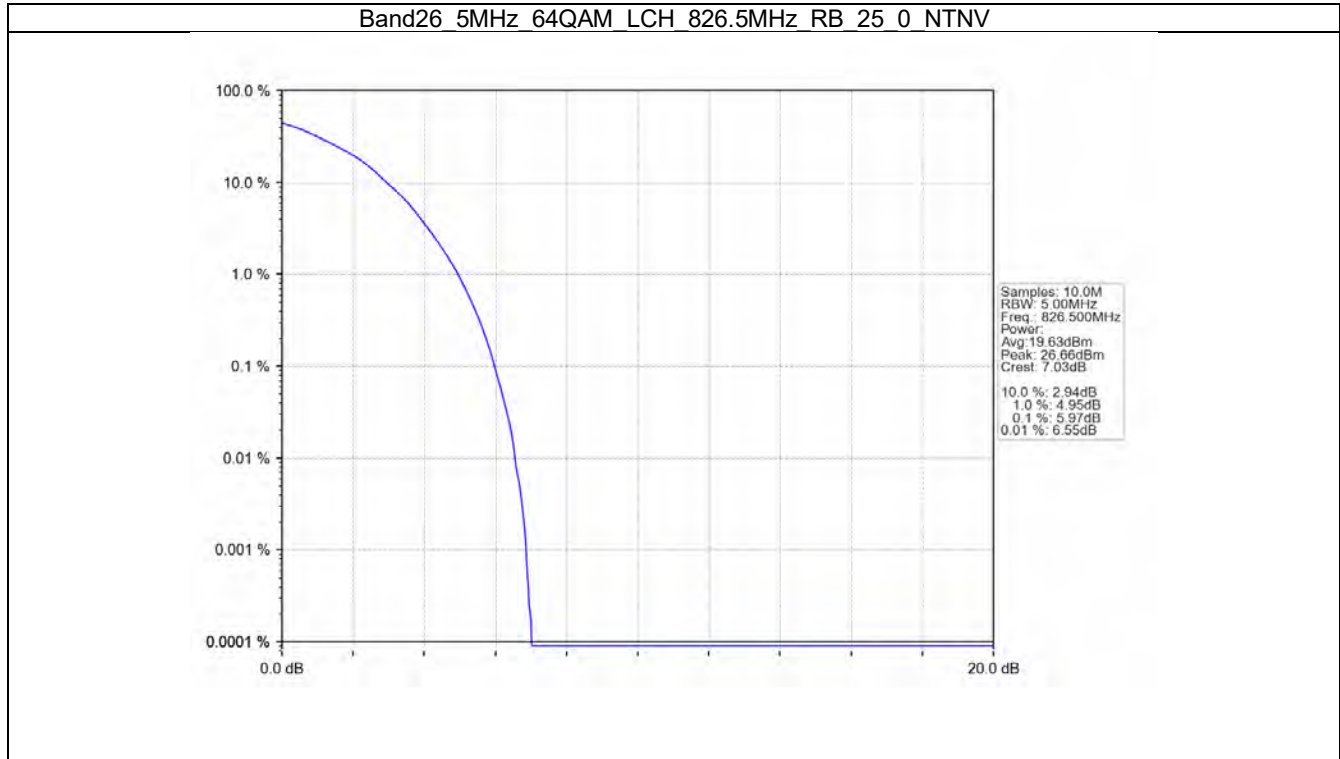
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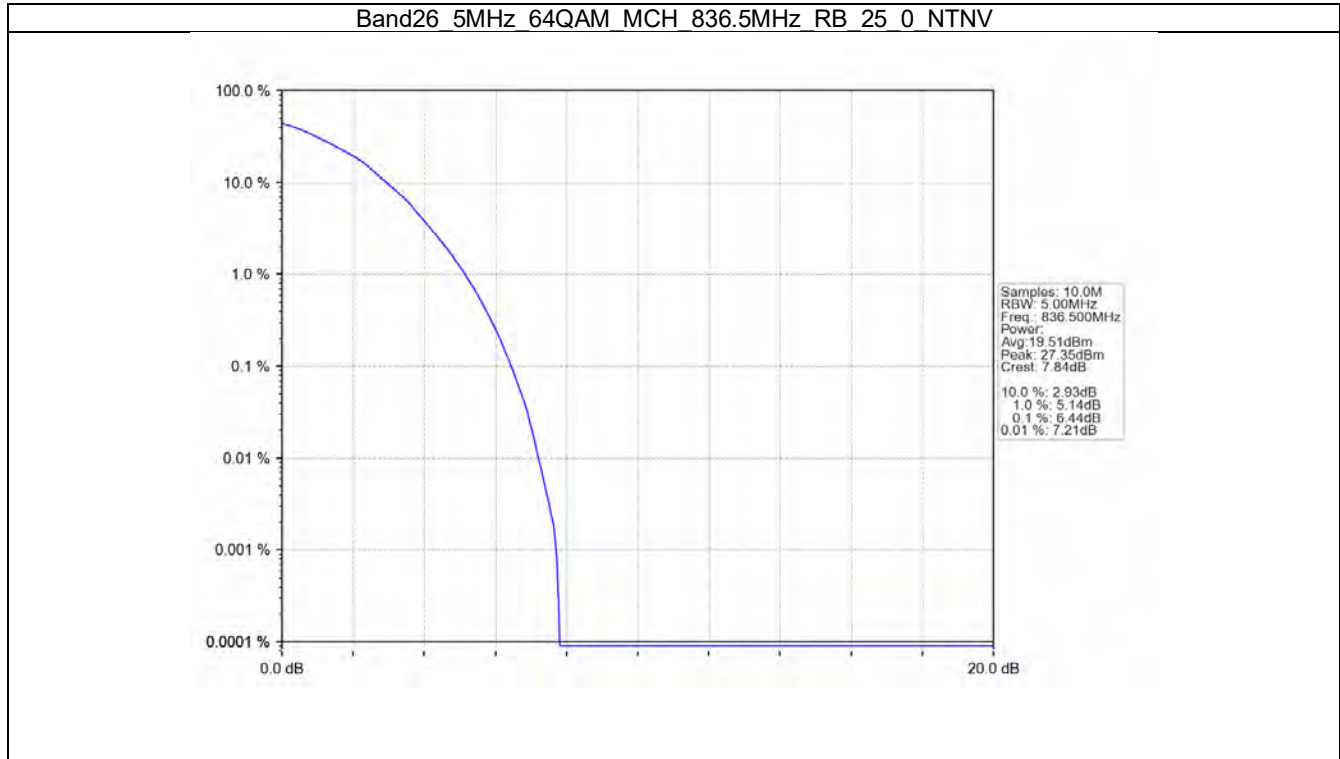
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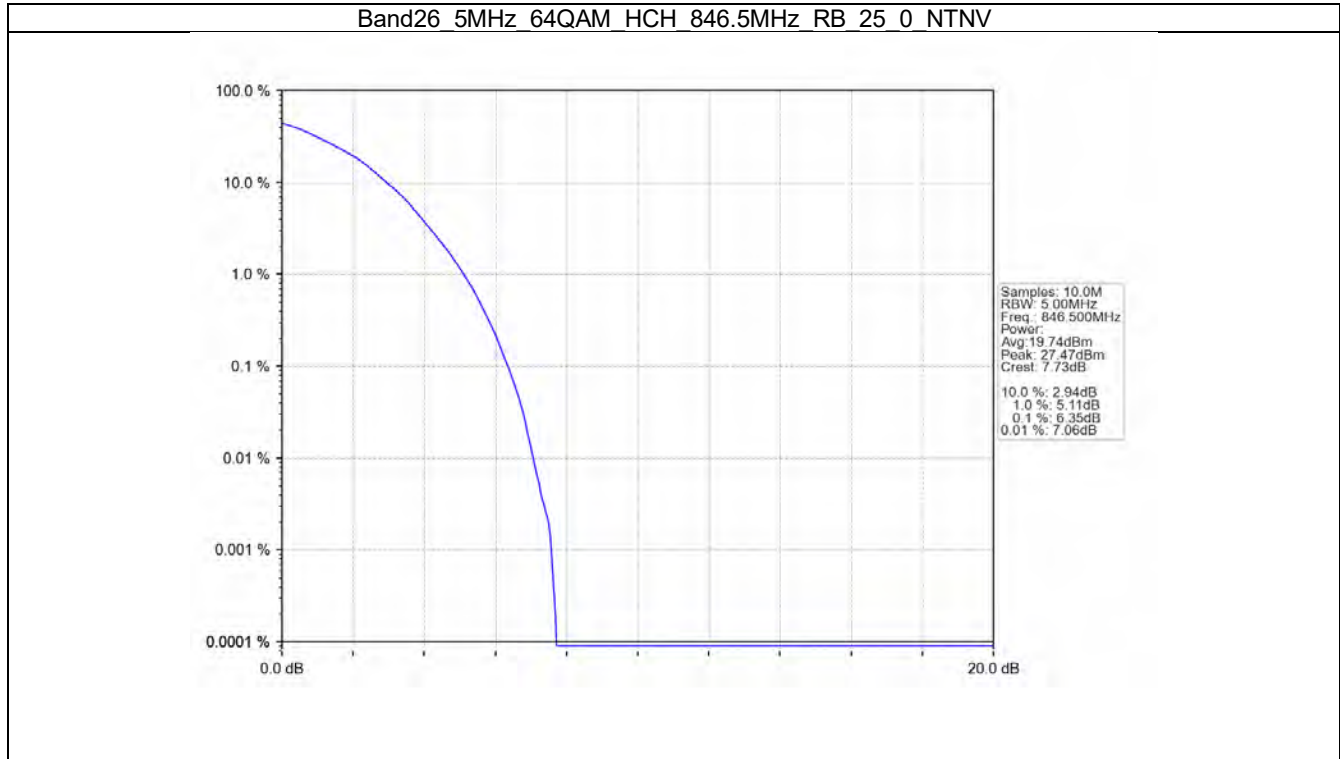
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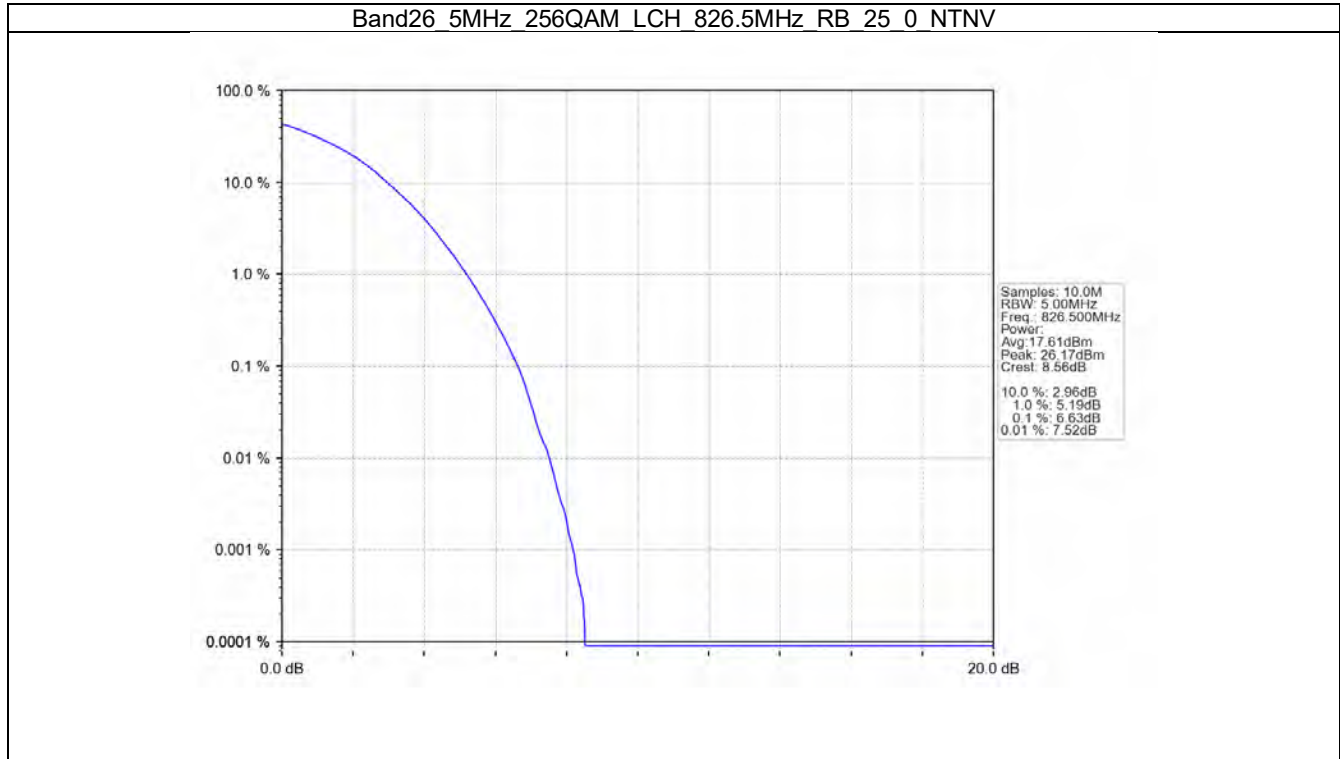
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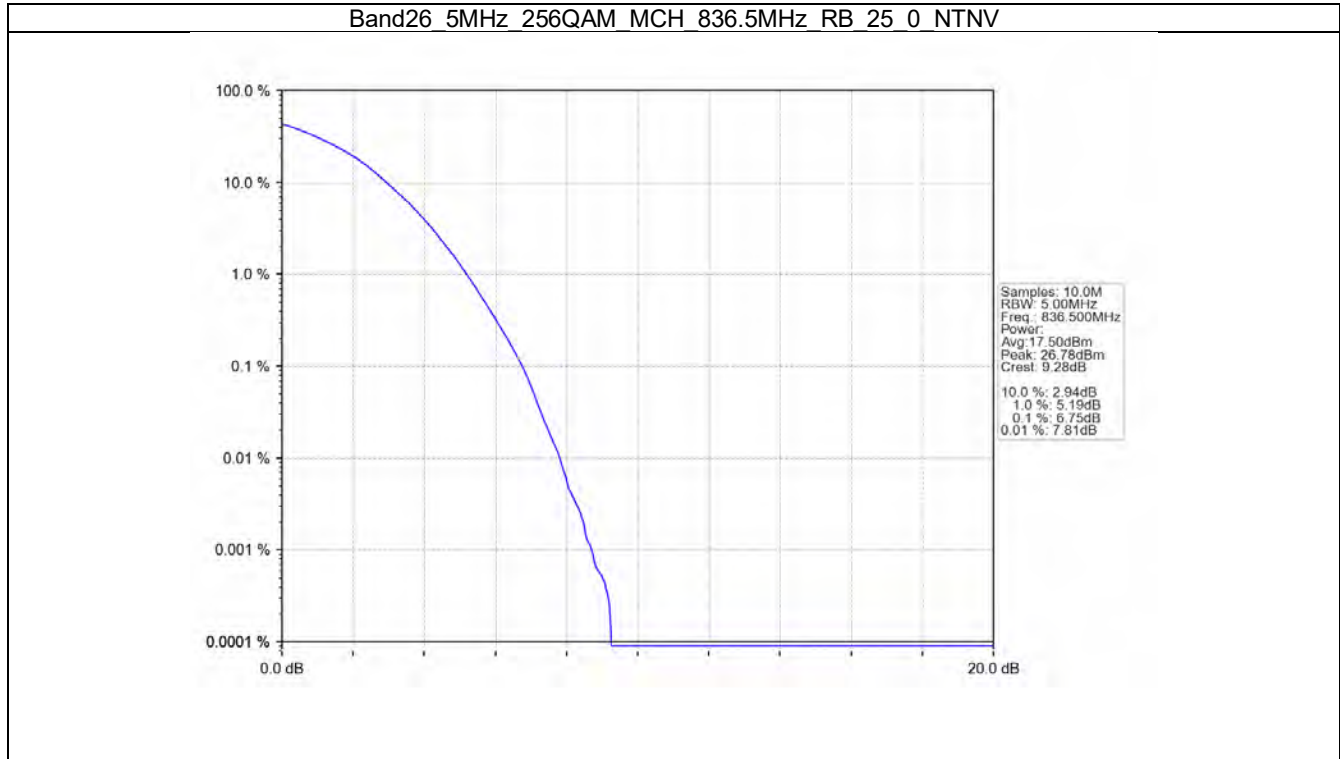
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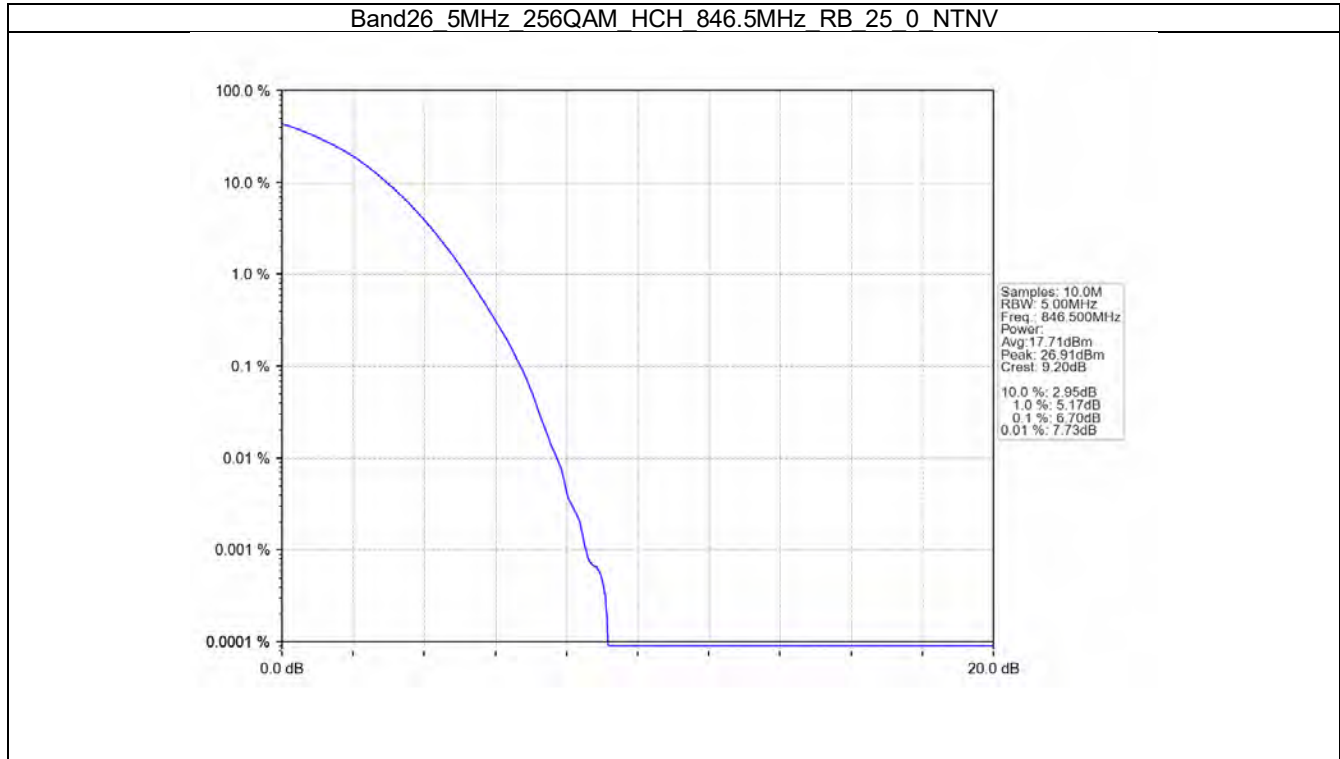
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4.4 B26_10MHz

4.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	829	50	0	6.08	<=13	Pass
	836.5	50	0	5.24	<=13	Pass
	844	50	0	6.40	<=13	Pass
16QAM	829	50	0	6.09	<=13	Pass
	836.5	50	0	6.07	<=13	Pass
	844	50	0	6.42	<=13	Pass
64QAM	829	50	0	6.08	<=13	Pass
	836.5	50	0	6.37	<=13	Pass
	844	50	0	6.41	<=13	Pass
256QAM	829	50	0	6.57	<=13	Pass
	836.5	50	0	6.59	<=13	Pass
	844	50	0	6.72	<=13	Pass



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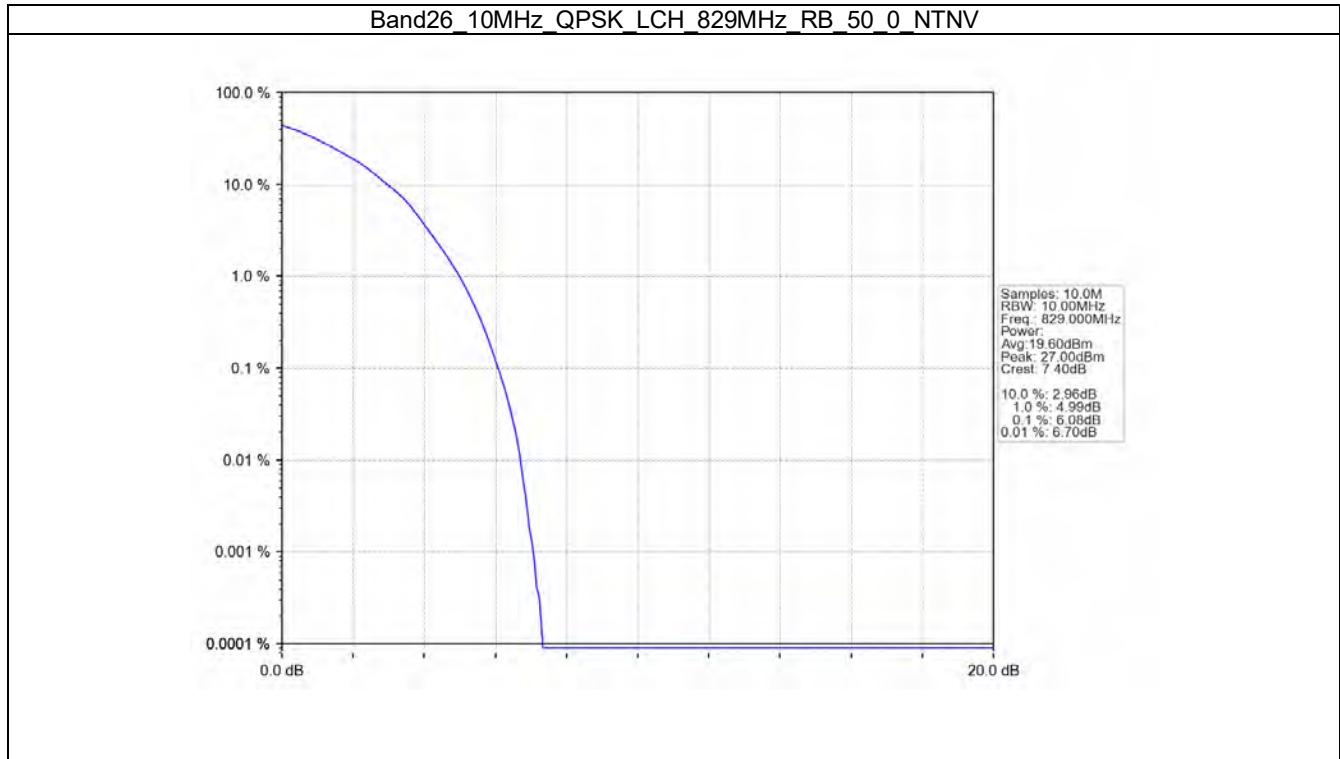
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4.4.2 Test Graph



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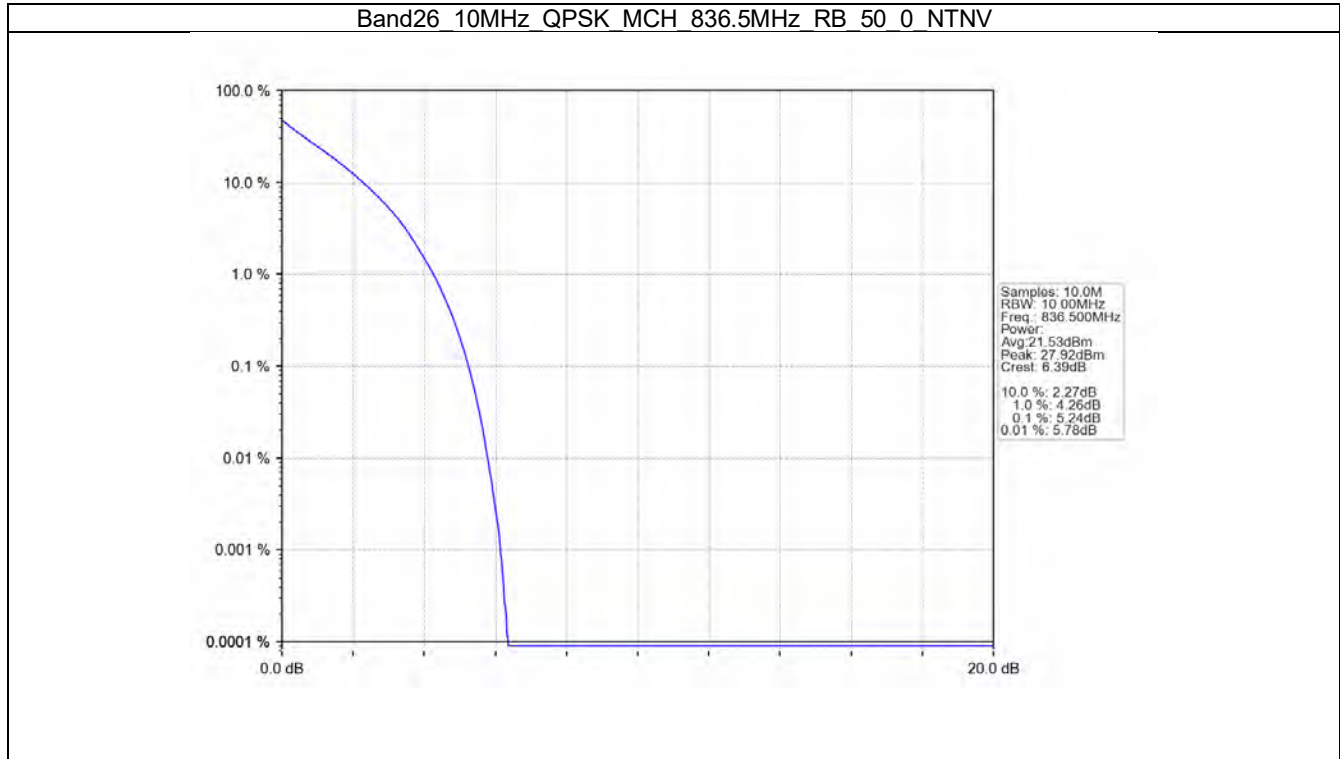
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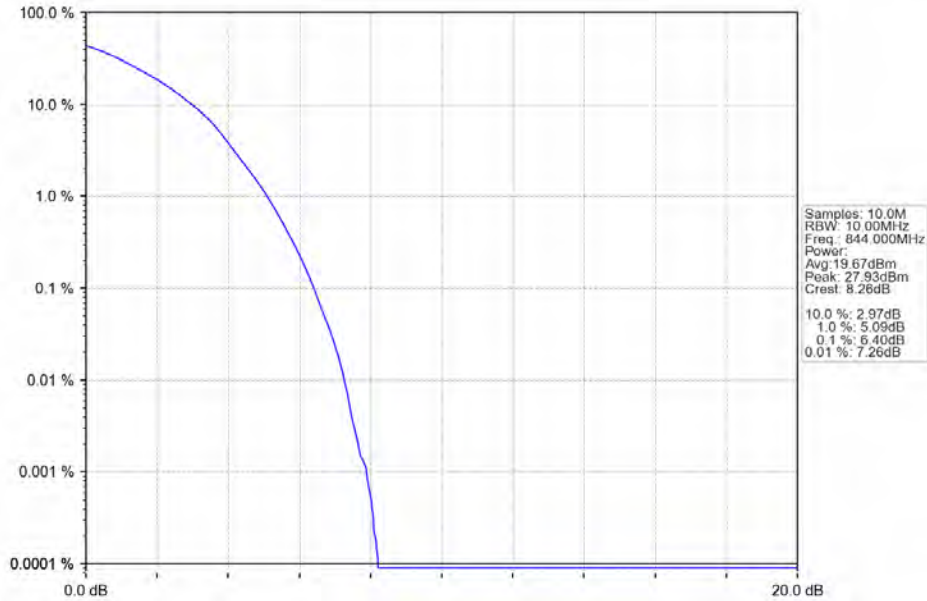
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Band26 10MHz QPSK HCH 844MHz RB 50 0 NTNV



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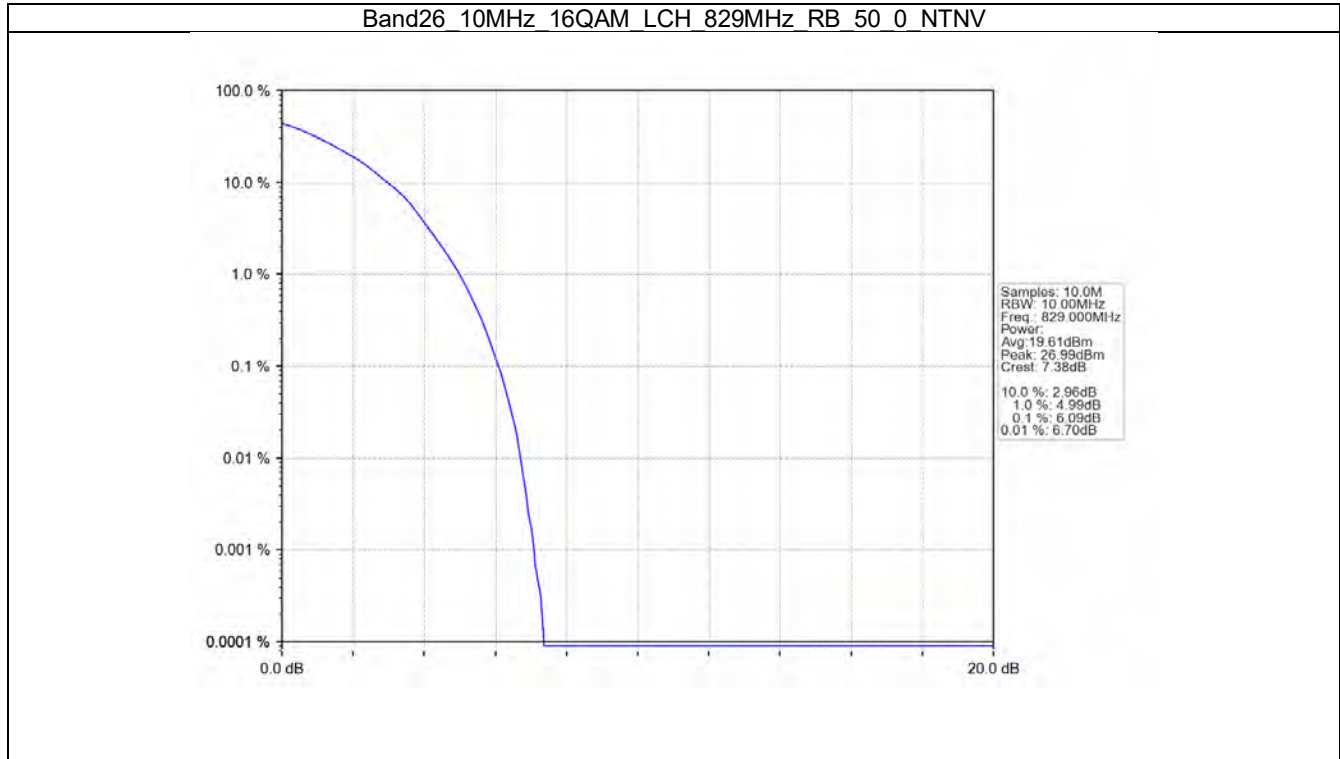
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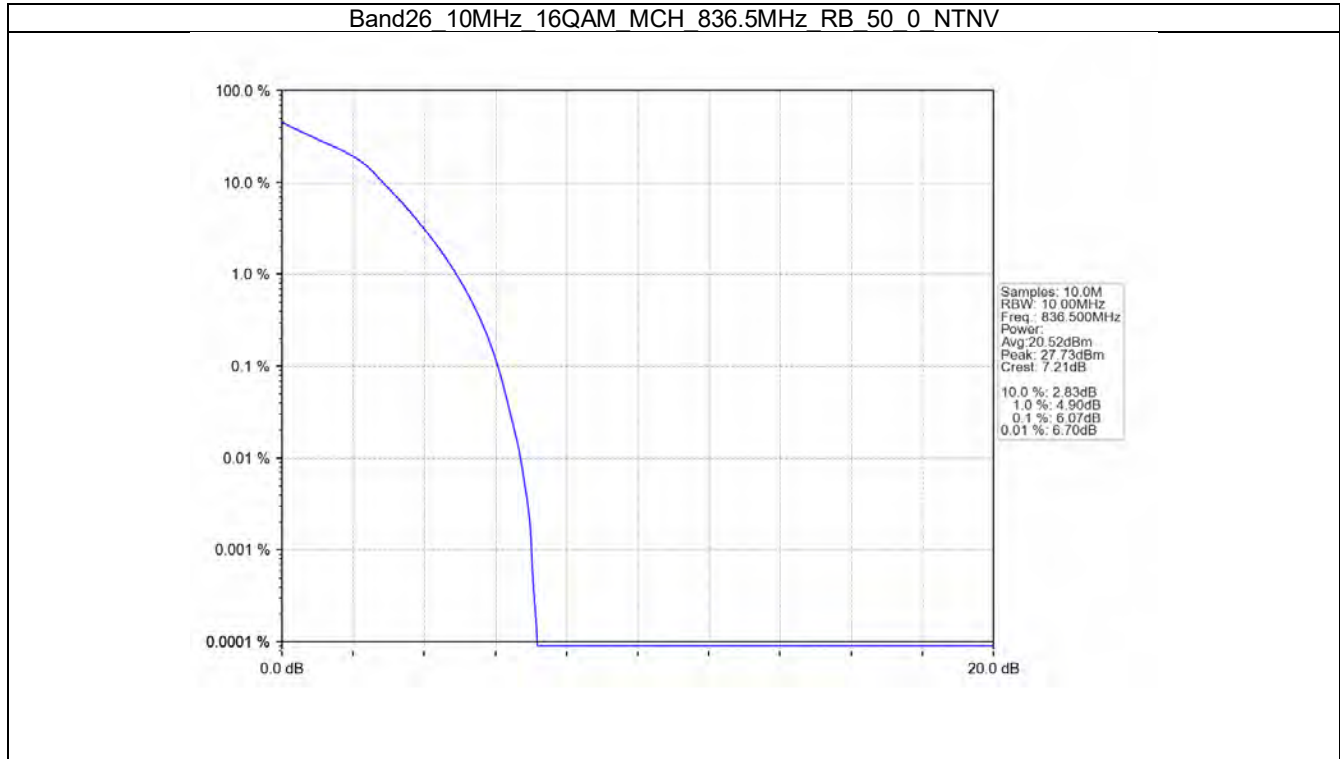
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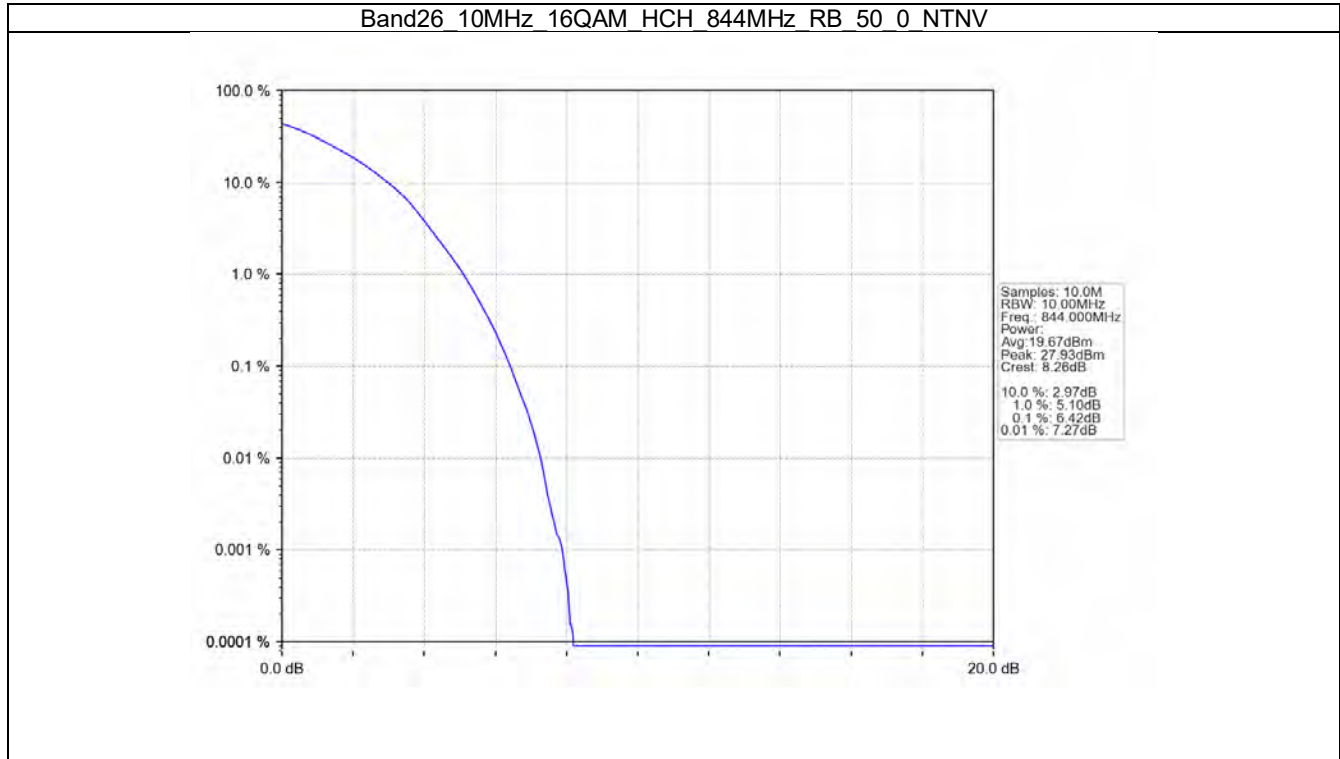
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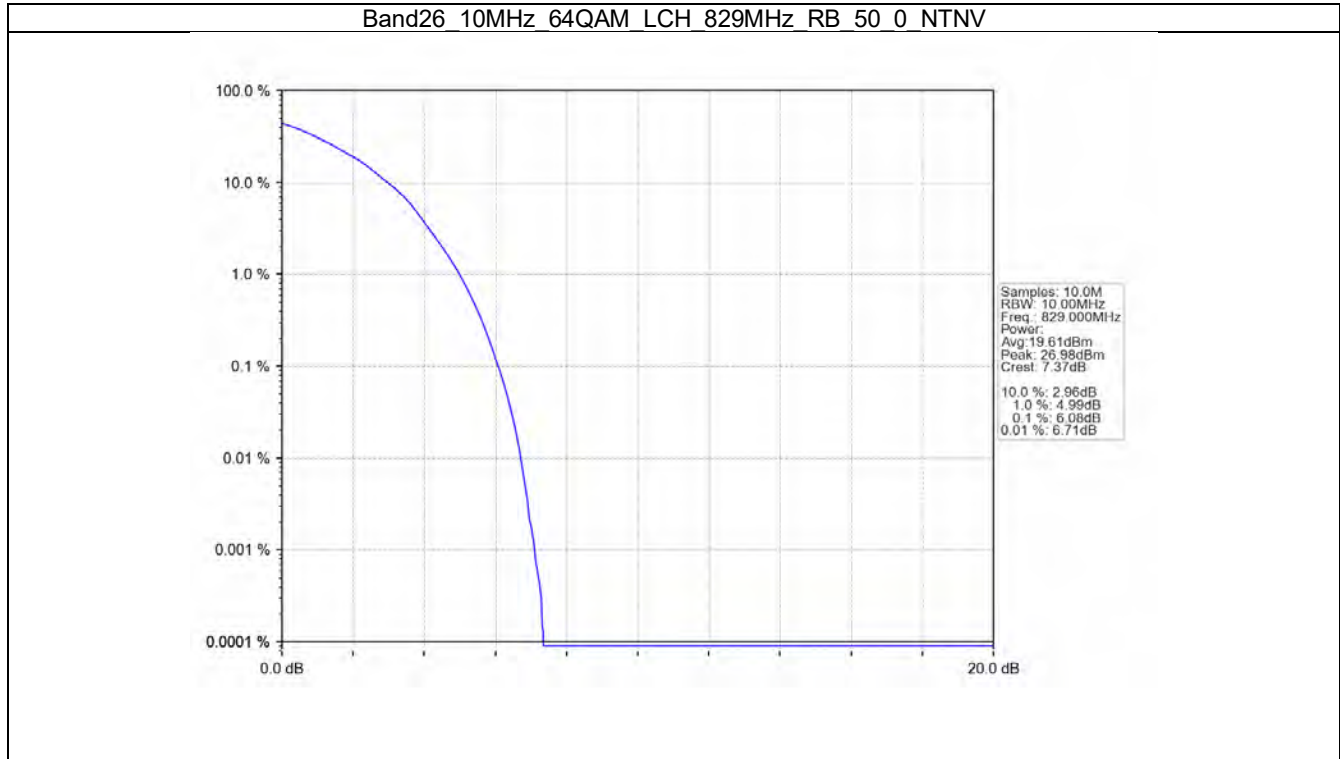
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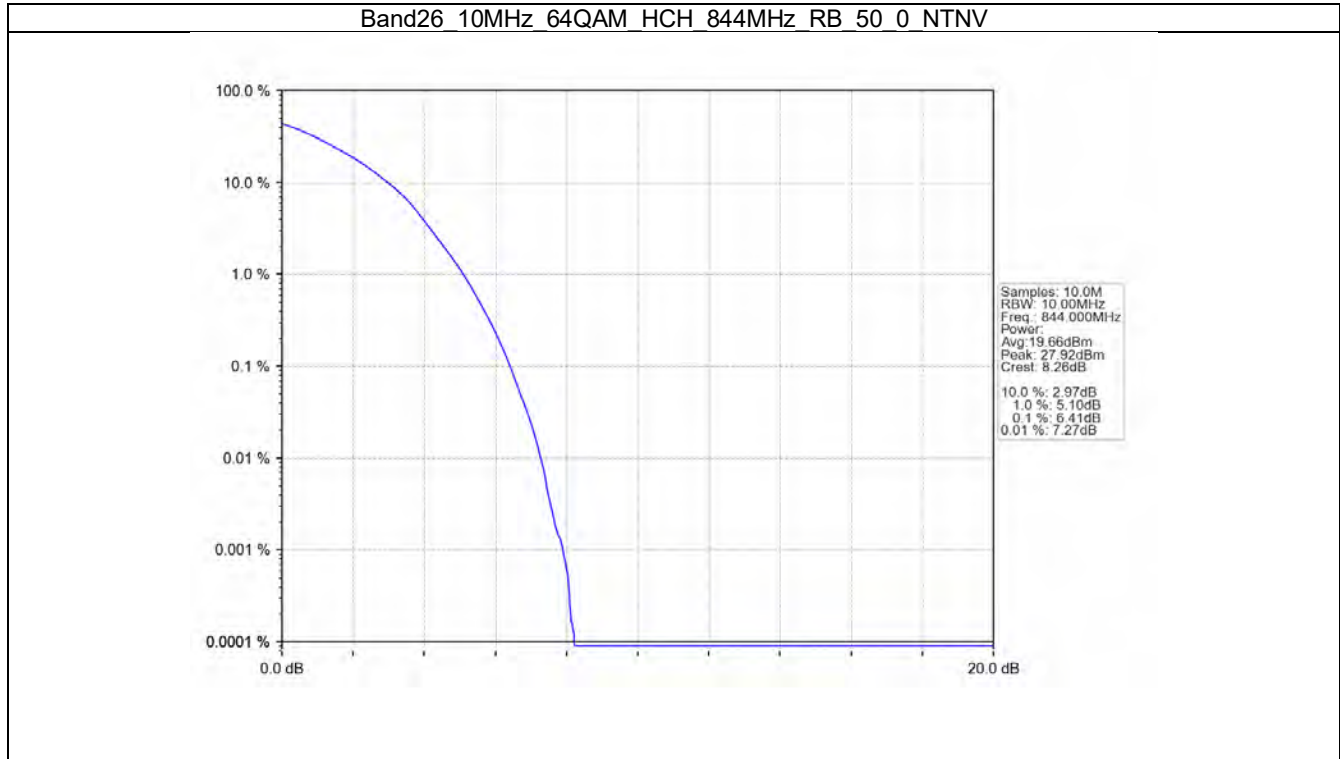
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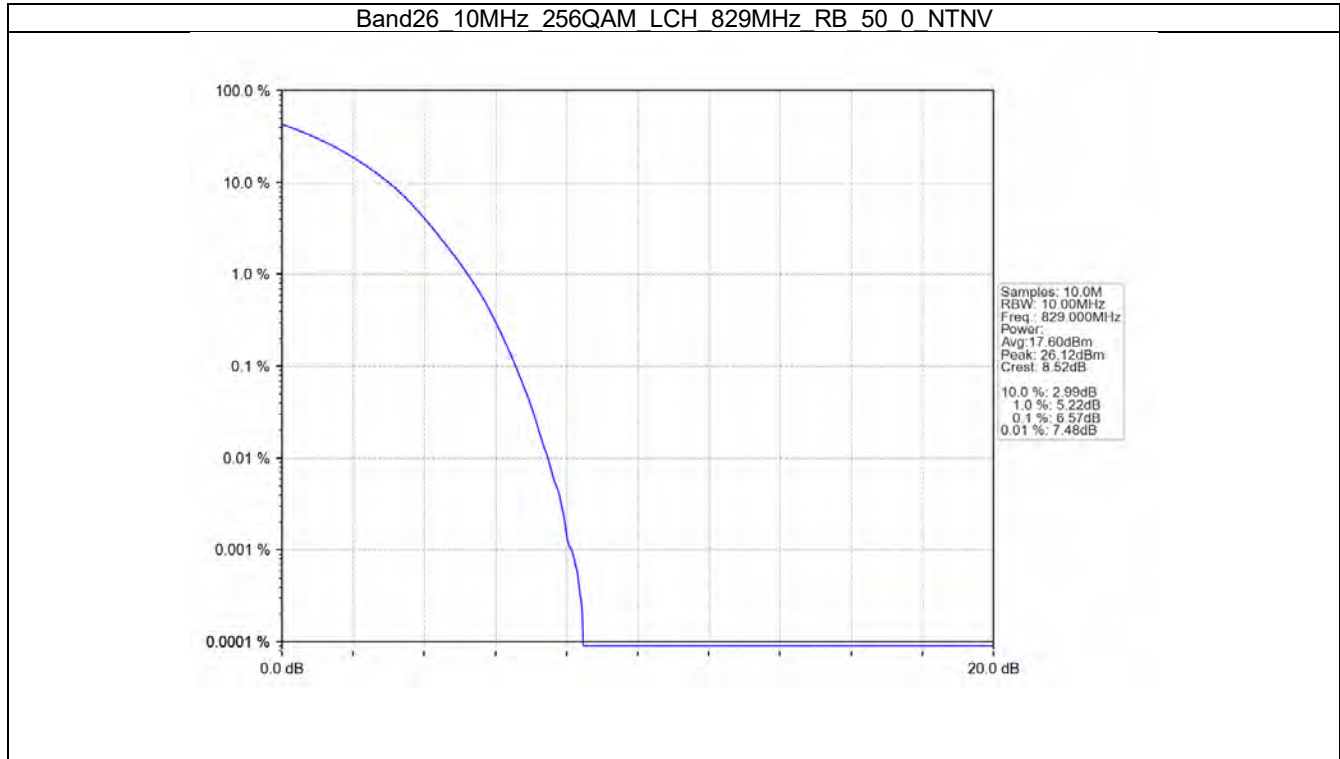
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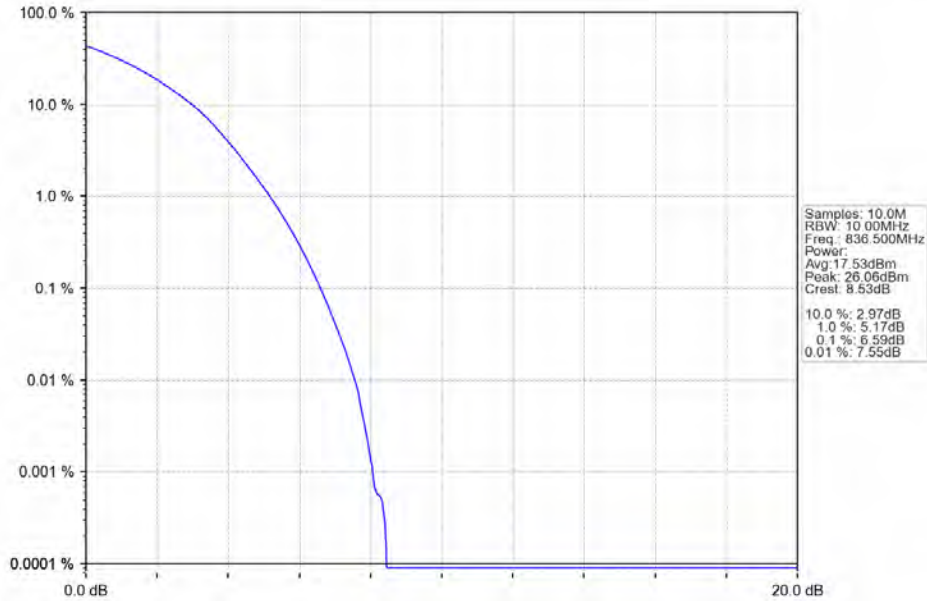
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Band26 10MHz 256QAM MCH 836.5MHz RB 50 0 NTNv



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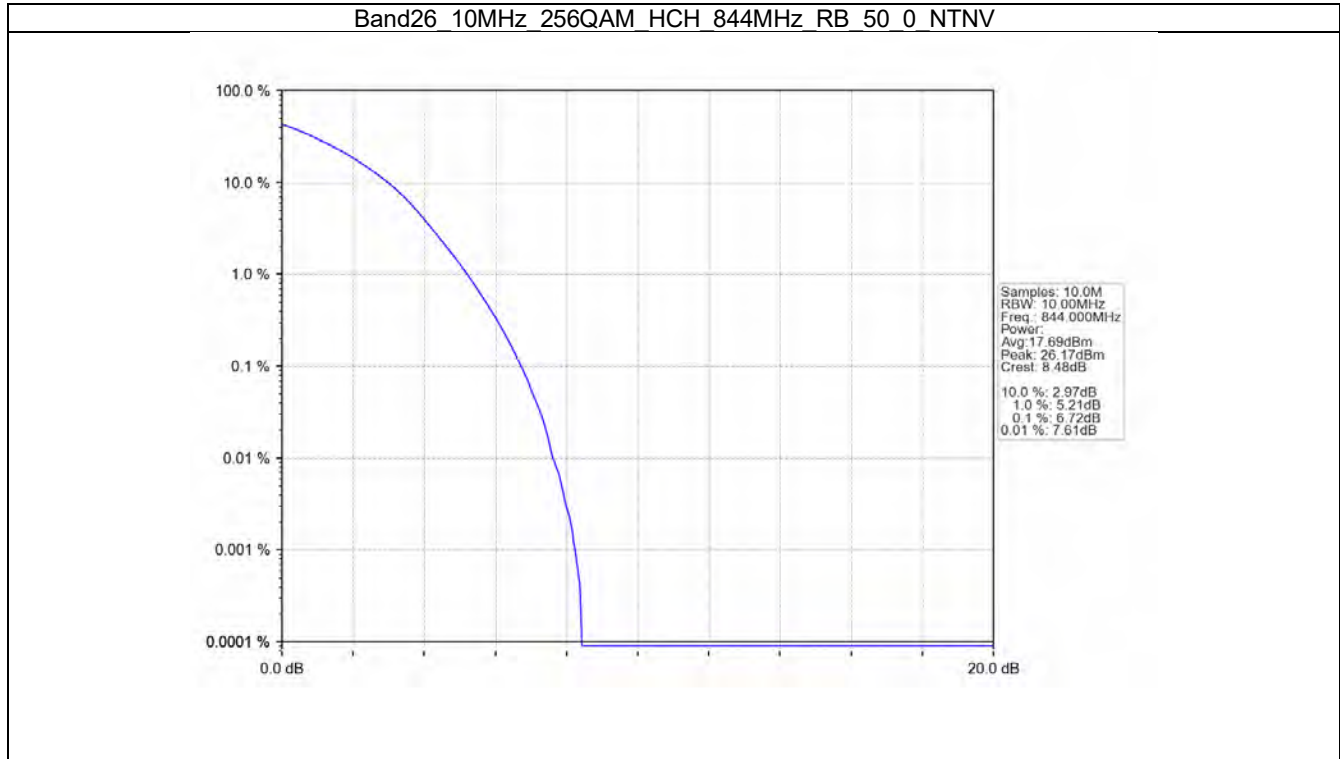
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4.5 B26_15MHz

4.5.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	75	0	5.39	<=13	Pass
	831.5	75	0	5.16	<=13	Pass
	841.5	75	0	6.39	<=13	Pass
16QAM	821.5	75	0	6.10	<=13	Pass
	831.5	75	0	5.82	<=13	Pass
	841.5	75	0	6.38	<=13	Pass
64QAM	821.5	75	0	6.38	<=13	Pass
	831.5	75	0	6.22	<=13	Pass
	841.5	75	0	6.38	<=13	Pass
256QAM	821.5	75	0	6.61	<=13	Pass
	831.5	75	0	6.62	<=13	Pass
	841.5	75	0	6.61	<=13	Pass



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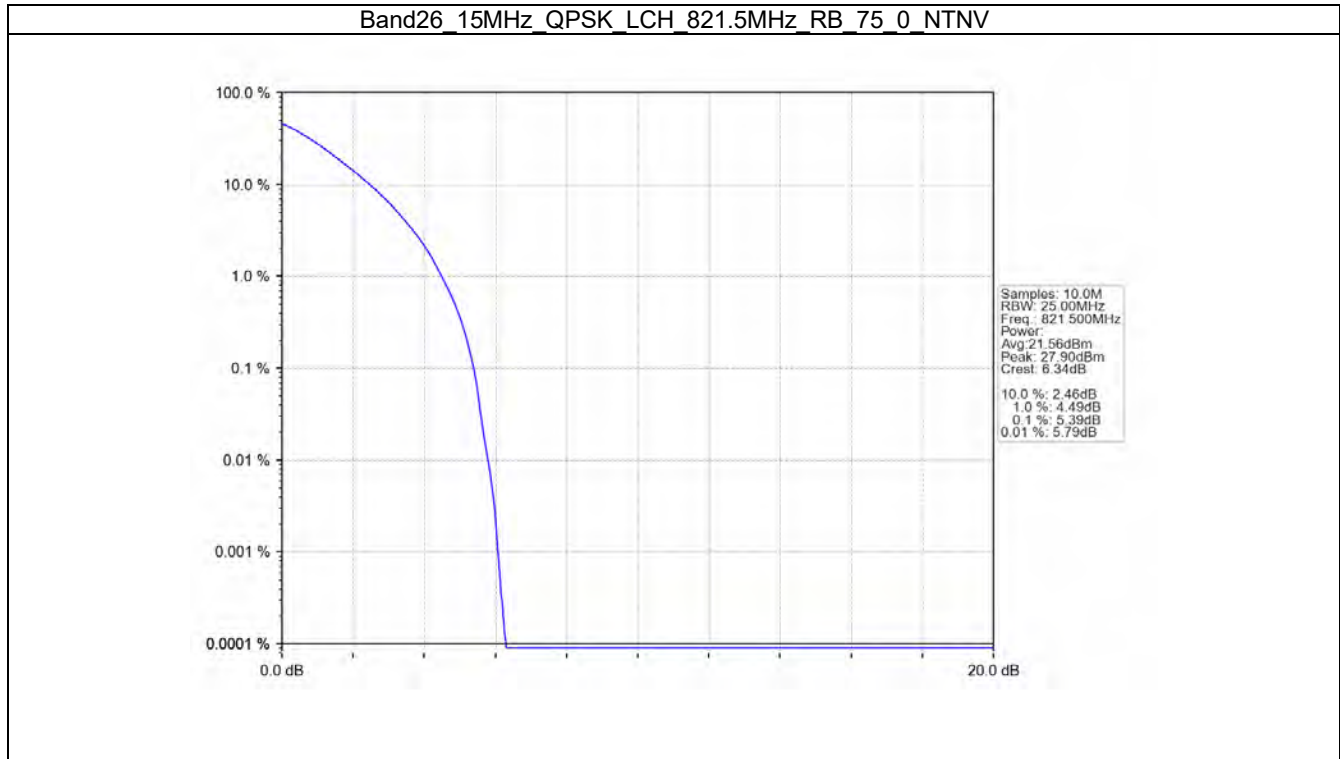
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4.5.2 Test Graph



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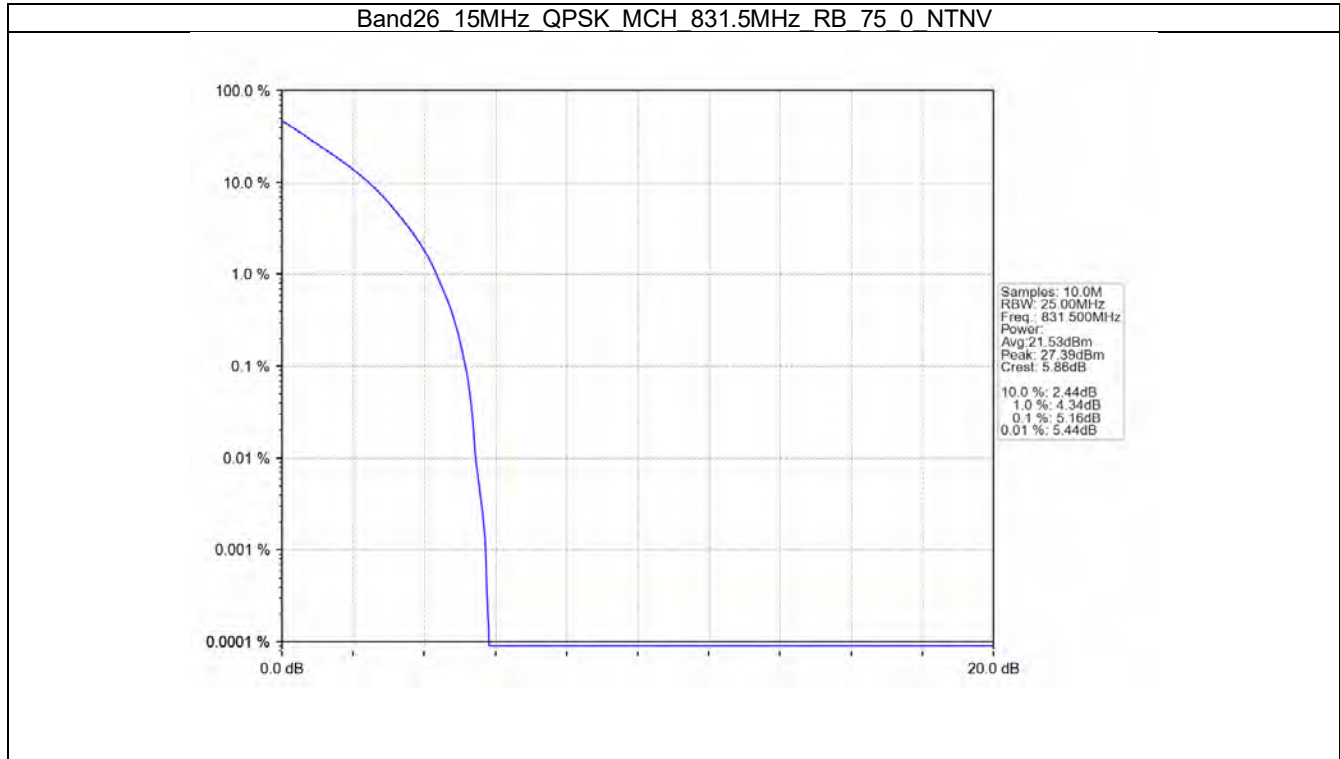
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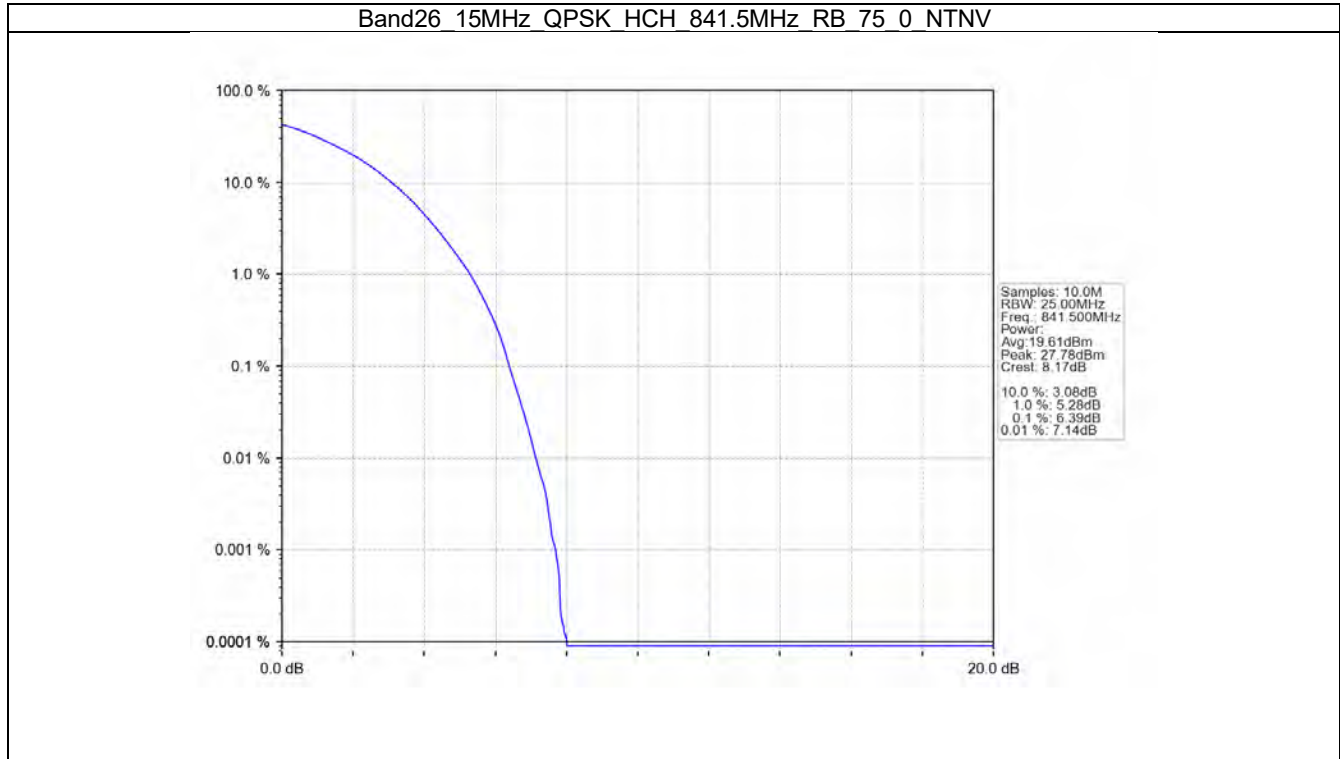
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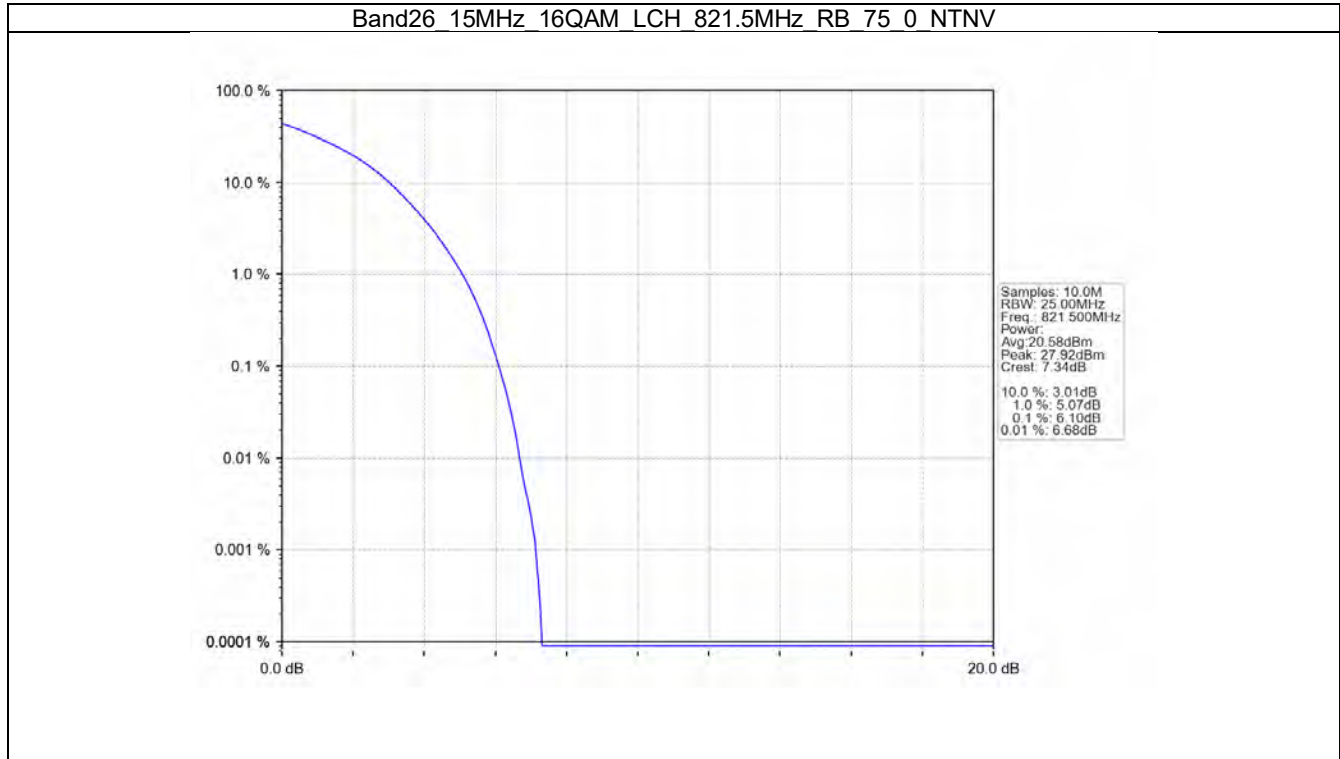
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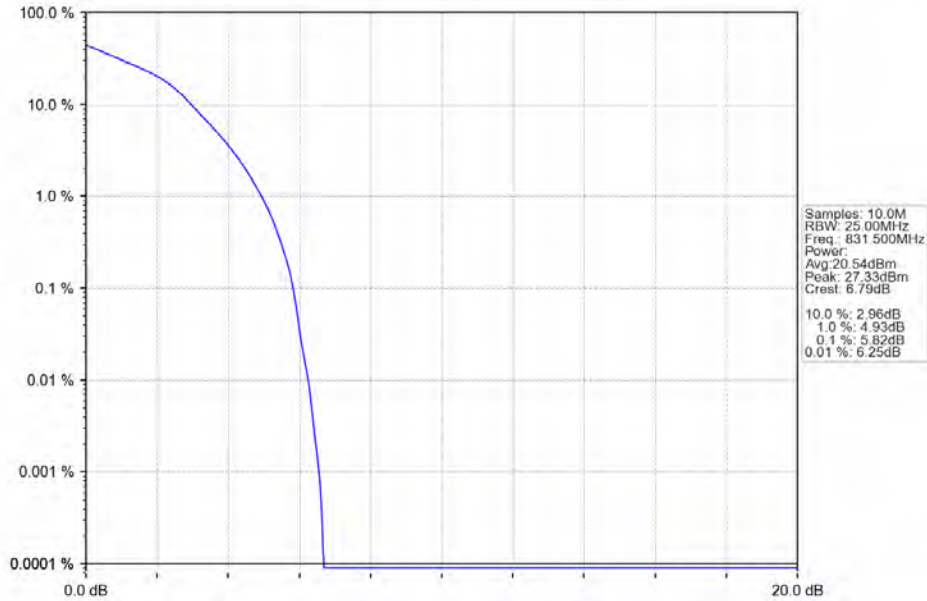


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Band26 15MHz 16QAM MCH 831.5MHz RB 75 0 NTN



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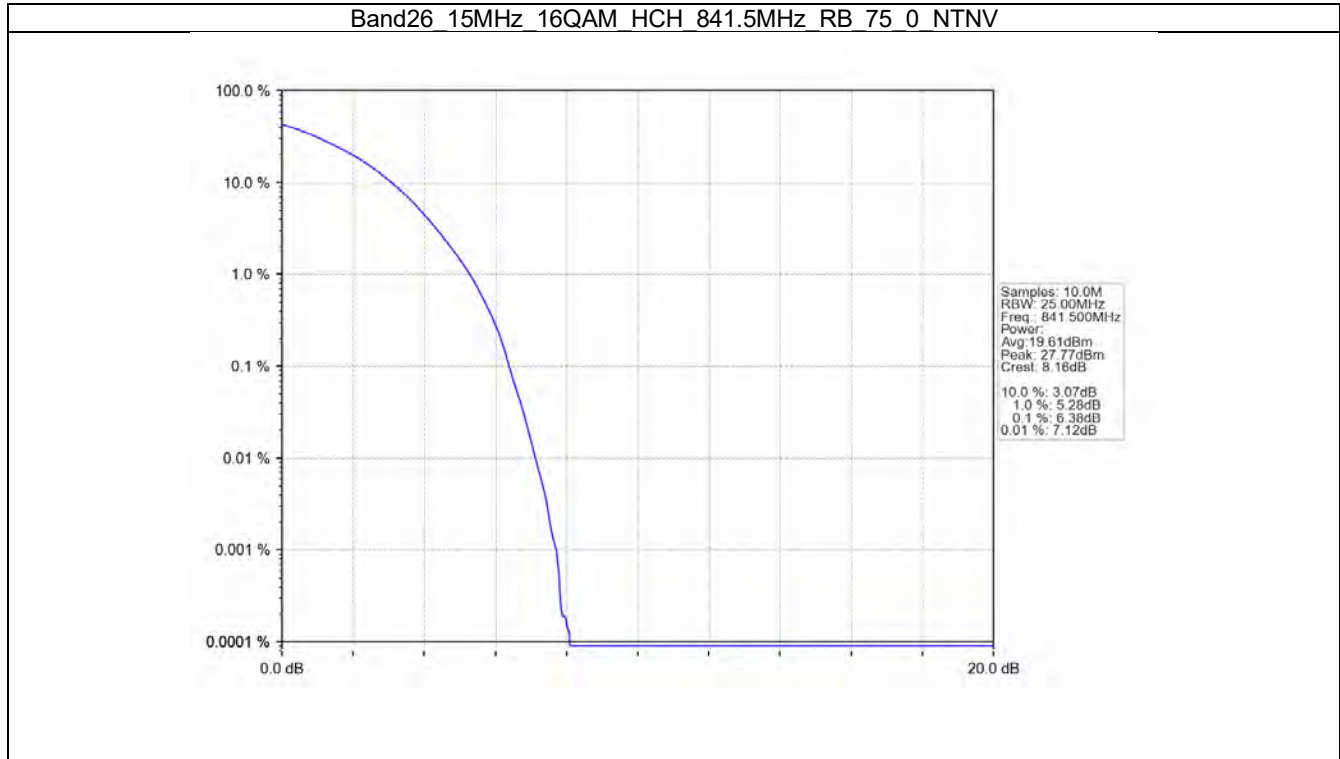
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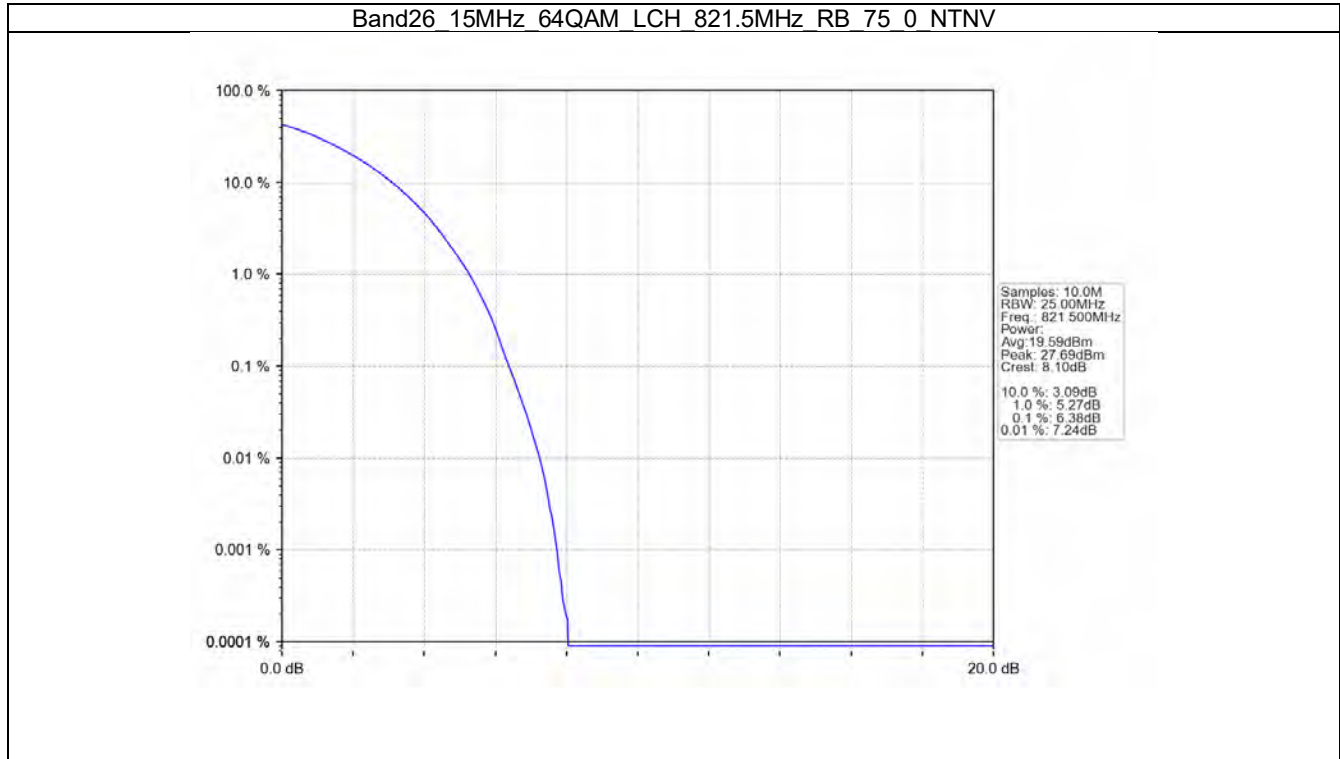
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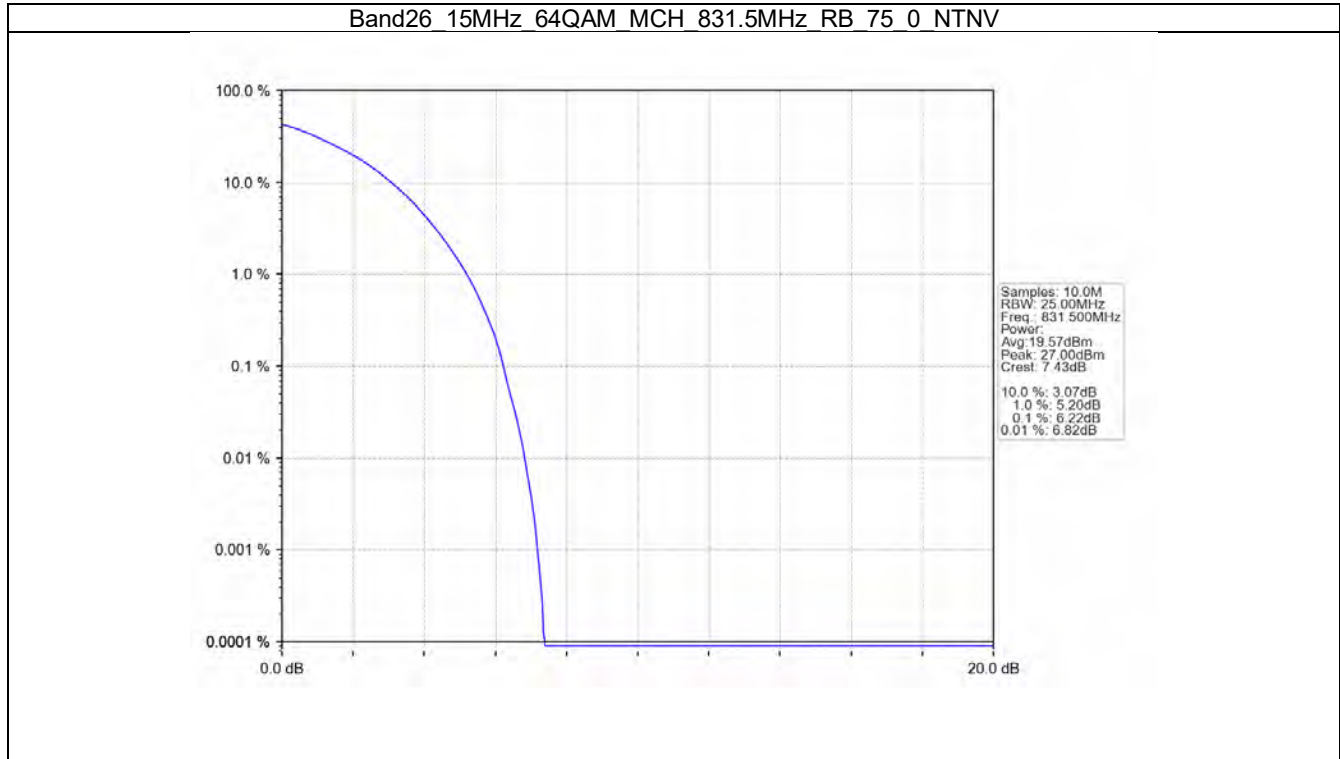
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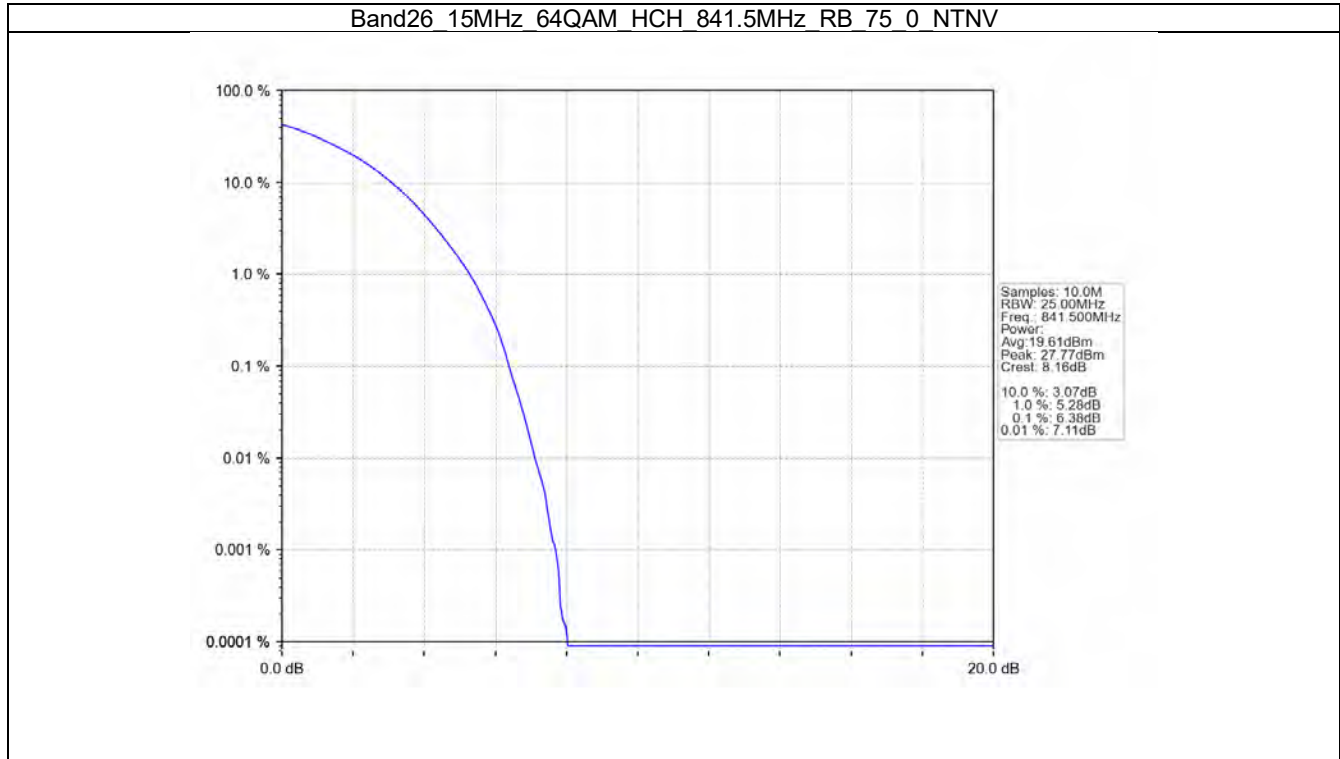
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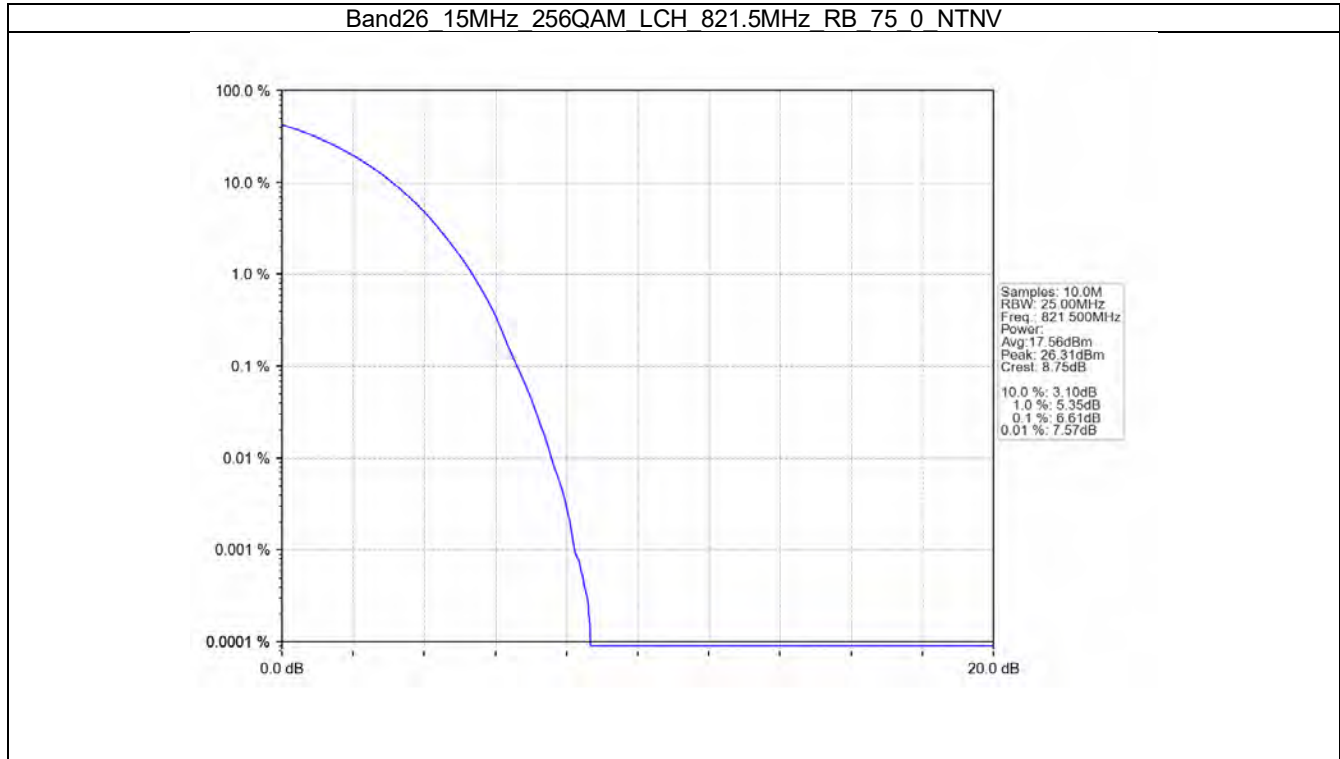
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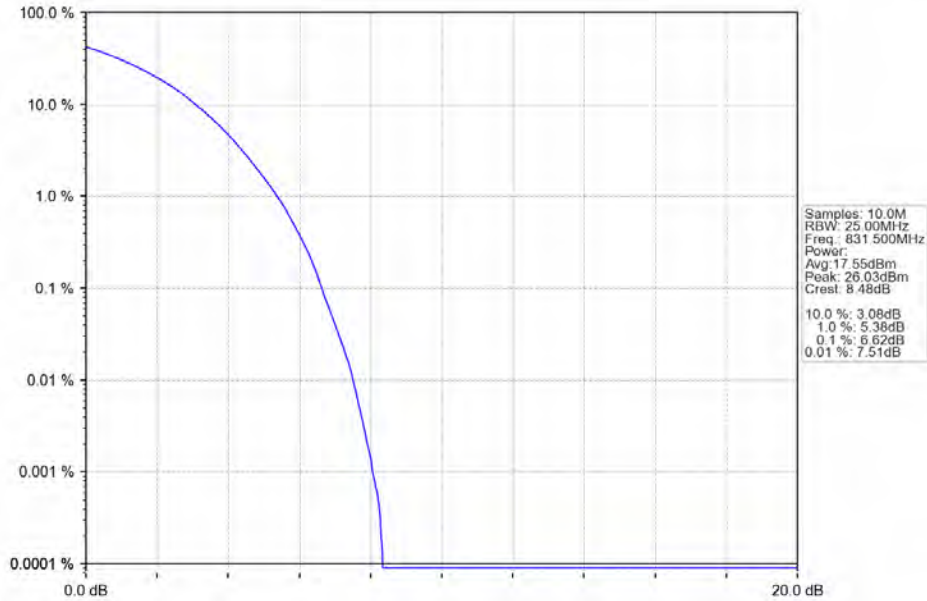
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Band26 15MHz 256QAM MCH 831.5MHz RB 75 0 NTNv



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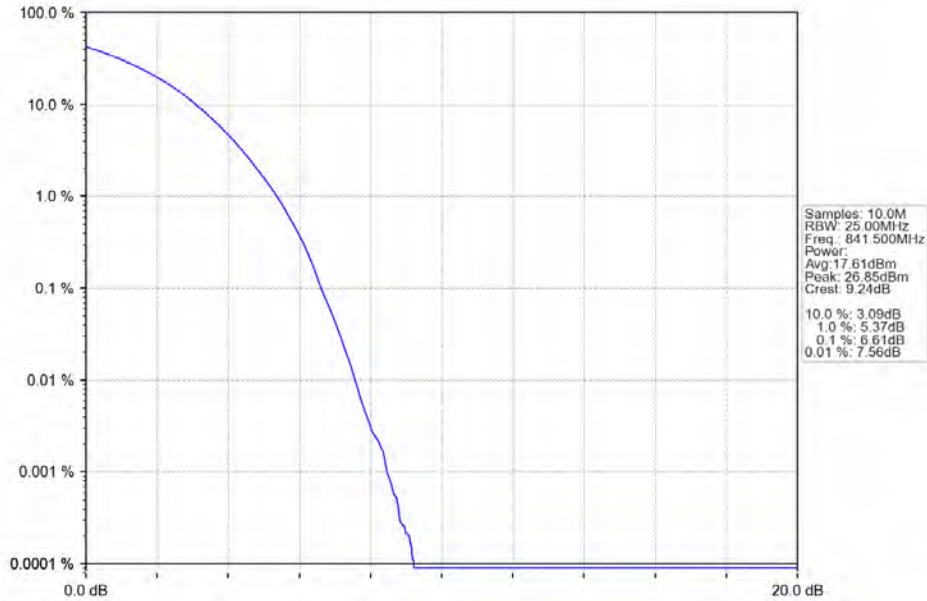
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Band26 15MHz 256QAM HCH 841.5MHz RB 75 0 NTN



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5. Spurious Emission & Band Edges

5.1 B26_1.4MHz

5.1.1 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
	836.5	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	848.3	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



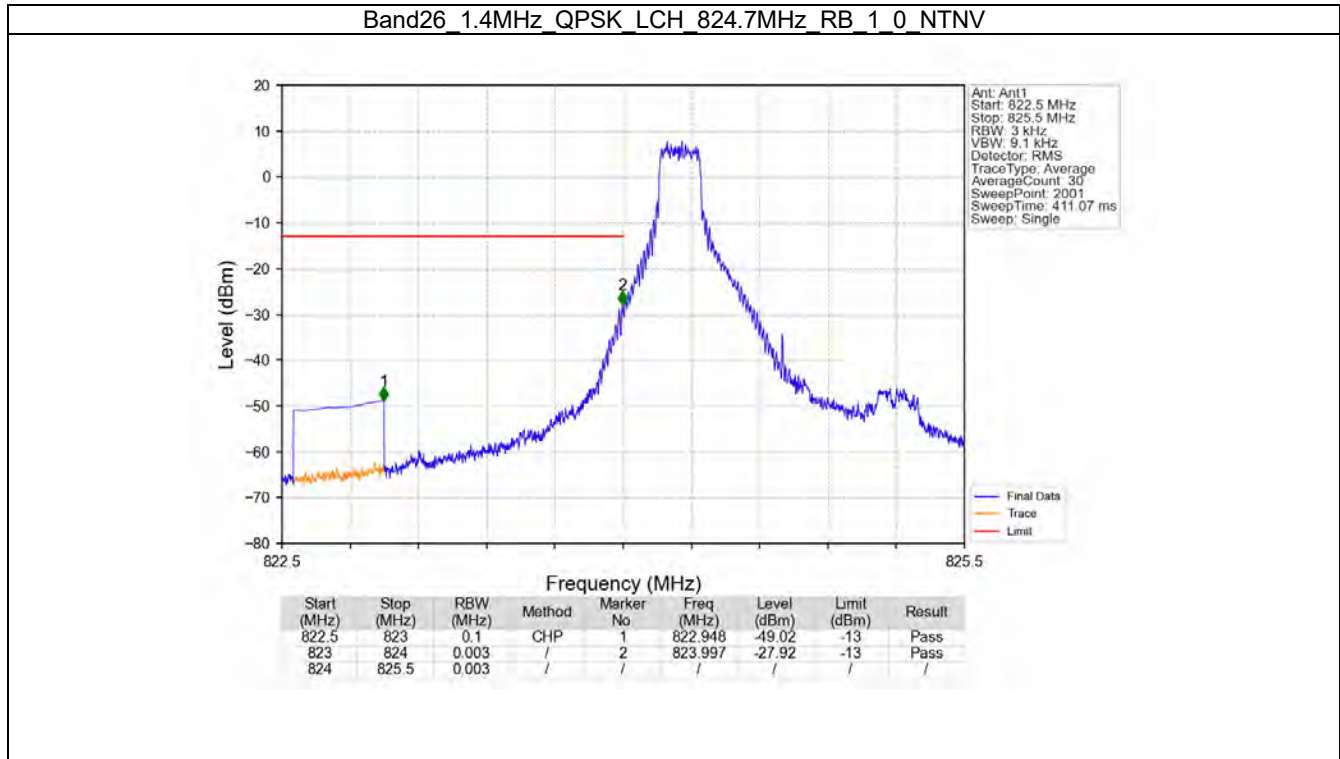
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5.1.2 Test Graph



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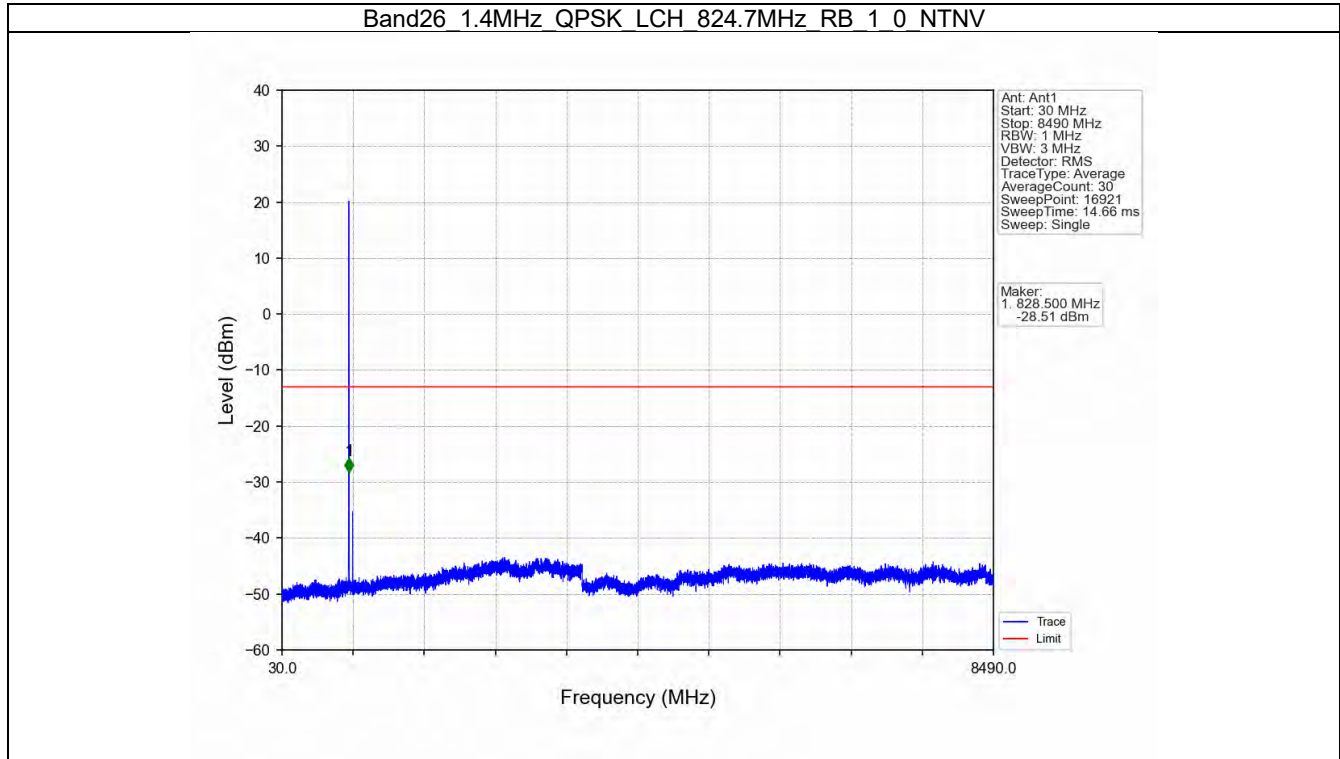
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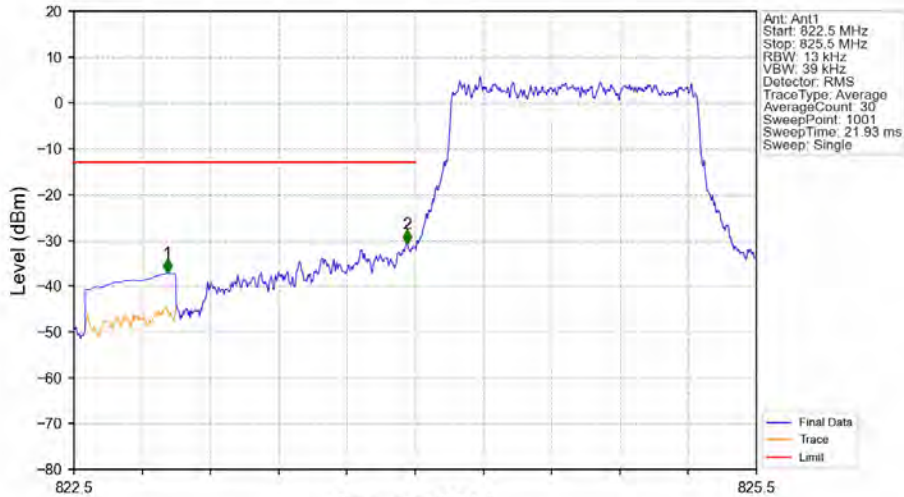
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Band26 1.4MHz QPSK LCH 824.7MHz RB 6 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
822.5	823	0.1	CHP	1	822.911	-37.16	-13	Pass
823	824	0.013	/	2	823.964	-30.85	-13	Pass
824	825.5	0.013	/	/	/	/	/	/



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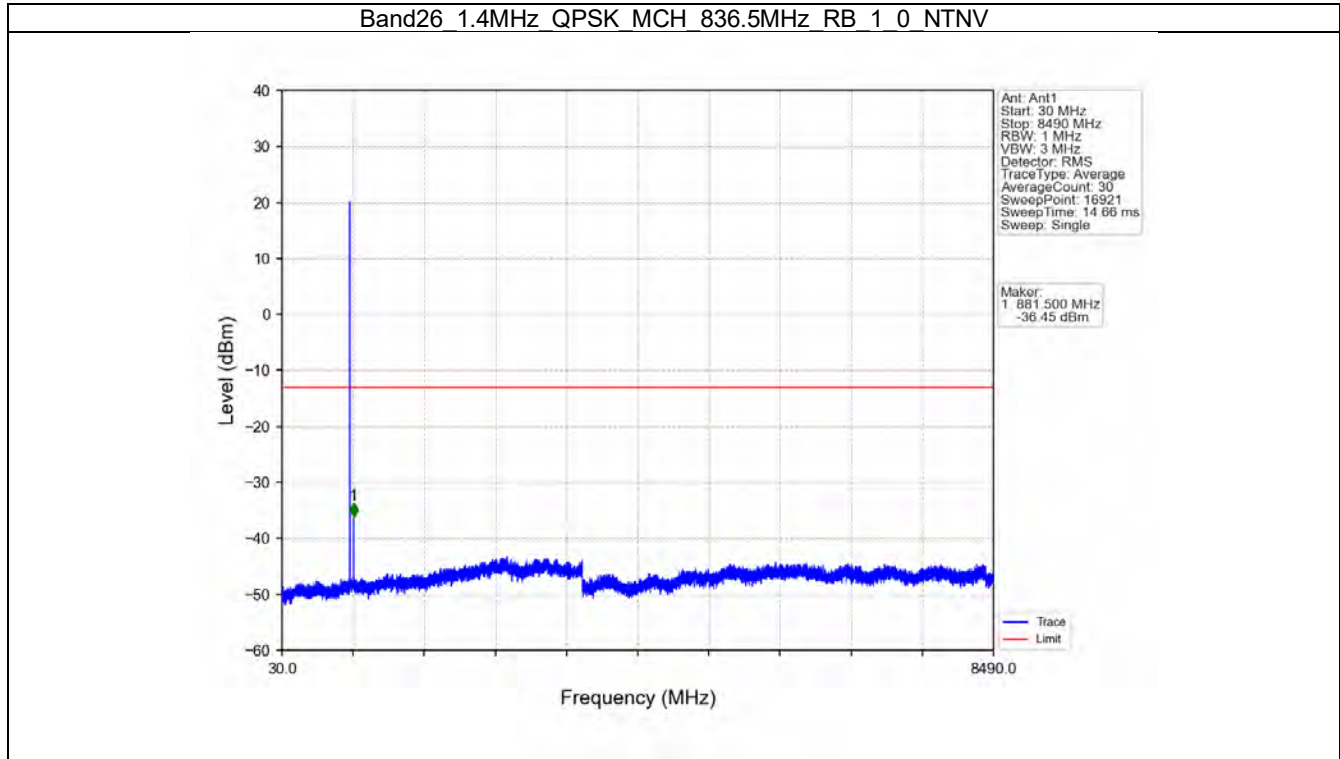
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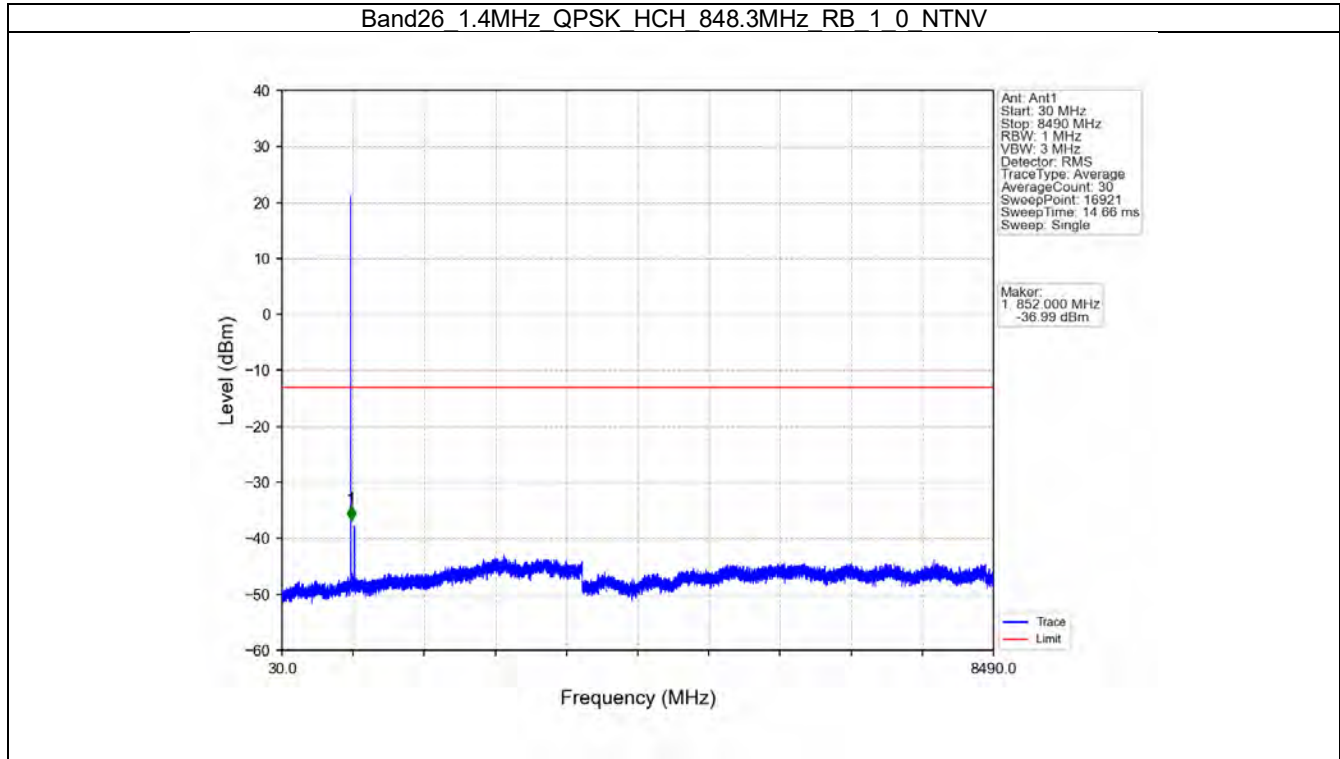
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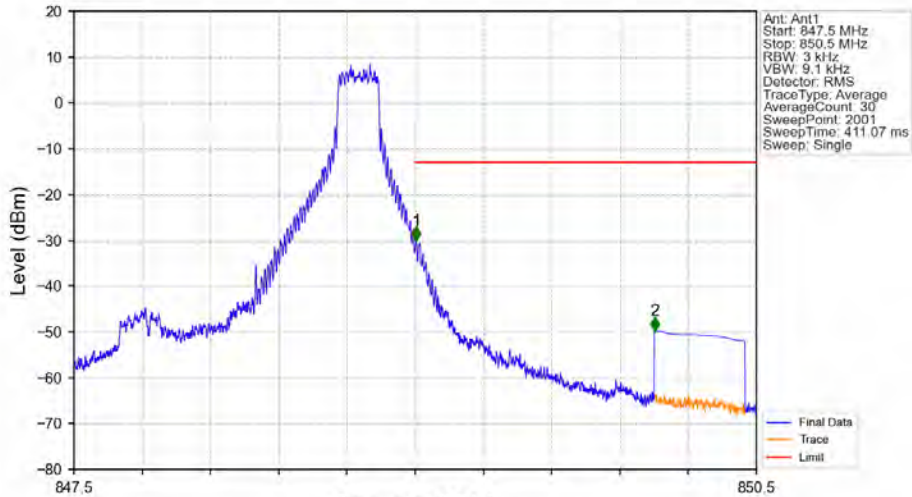
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Band26 1.4MHz QPSK HCH 848.3MHz RB 1 5 NTV



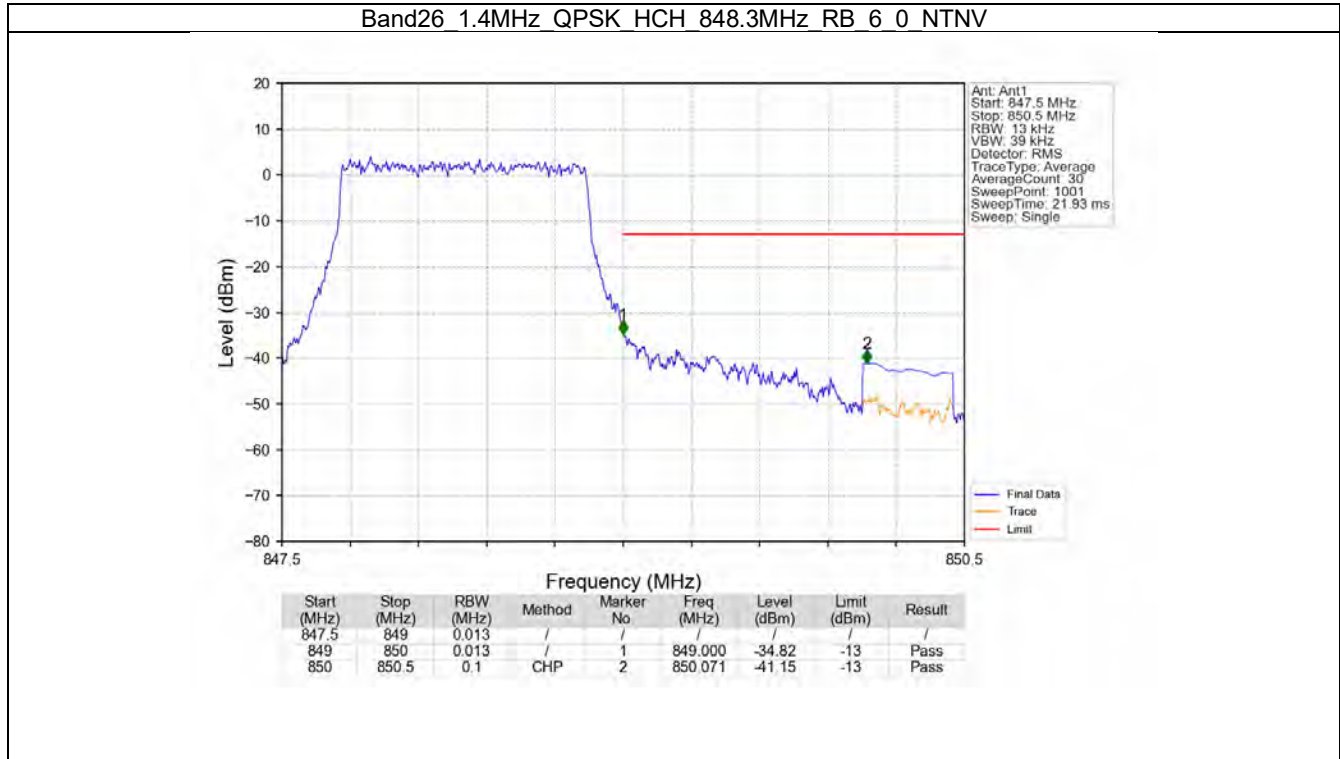
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
847.5	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.005	-30.07	-13	Pass
850	850.5	0.1	CHP	2	850.054	-49.77	-13	Pass



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5.2 B26_3MHz

5.2.1 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
	836.5	1	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

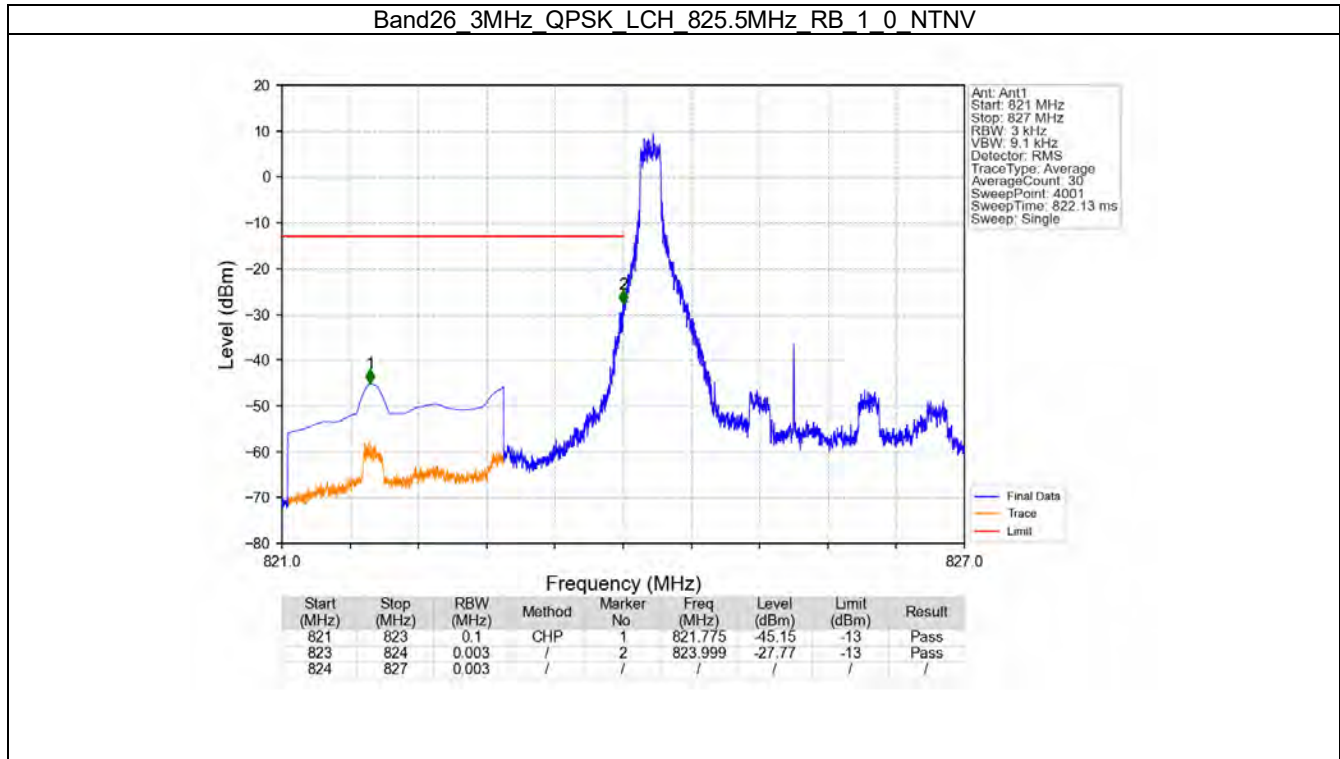


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5.2.2 Test Graph



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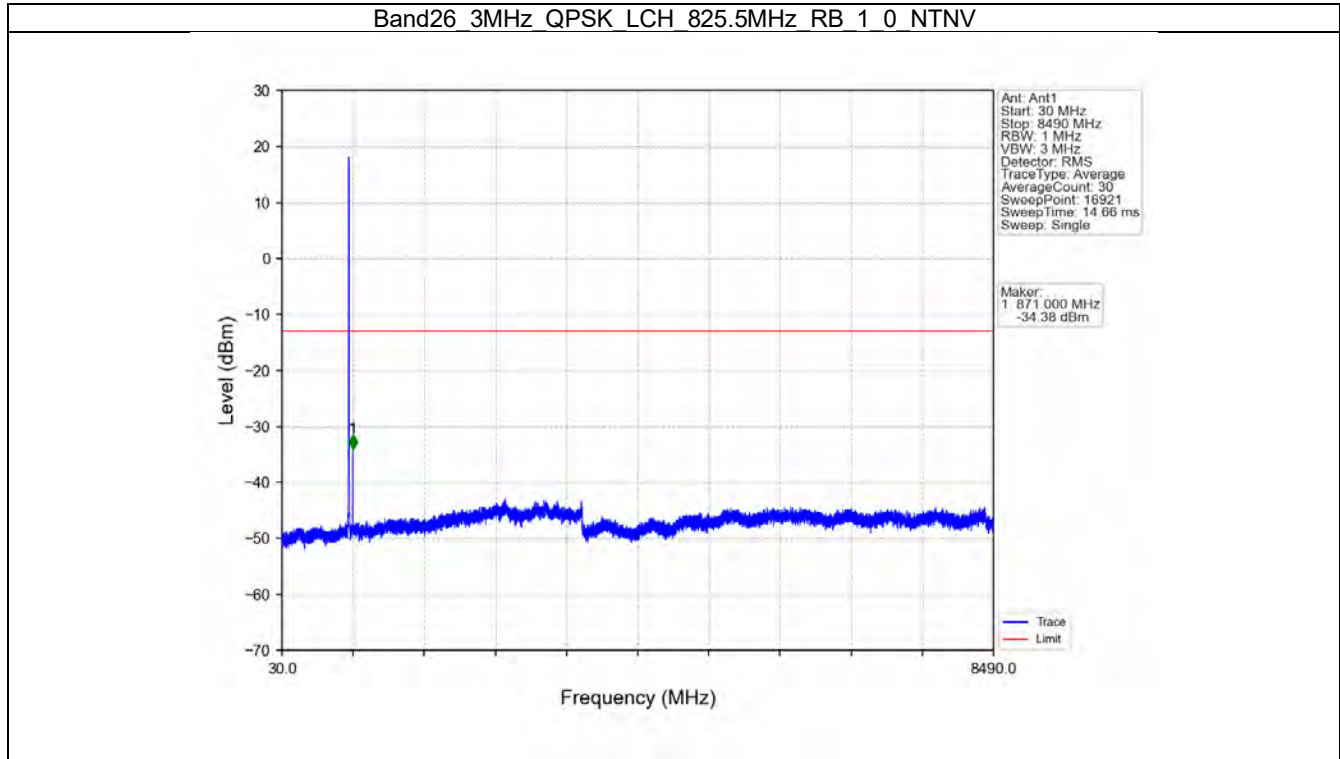
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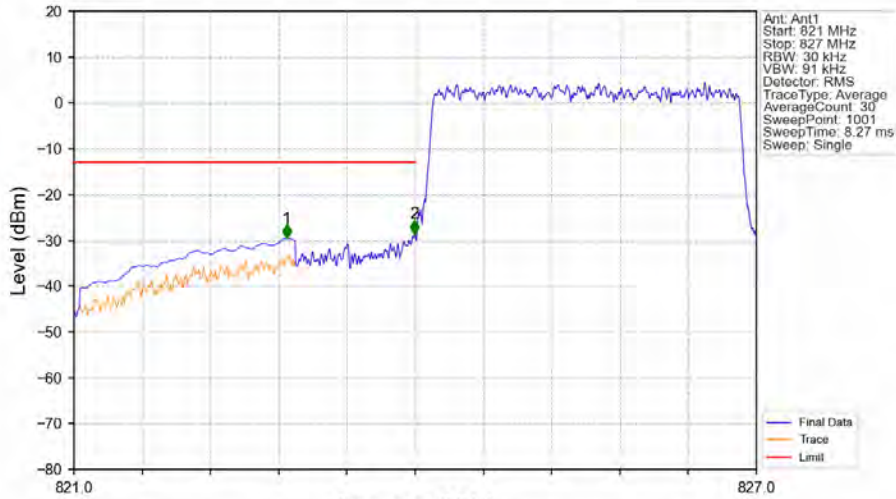
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Band26 3MHz QPSK LCH 825.5MHz RB 15 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
821	823	0.1	CHP	1	822.872	-29.60	-13	Pass
823	824	0.03	/	2	823.994	-28.59	-13	Pass
824	827	0.03	/	/	/	/	/	/



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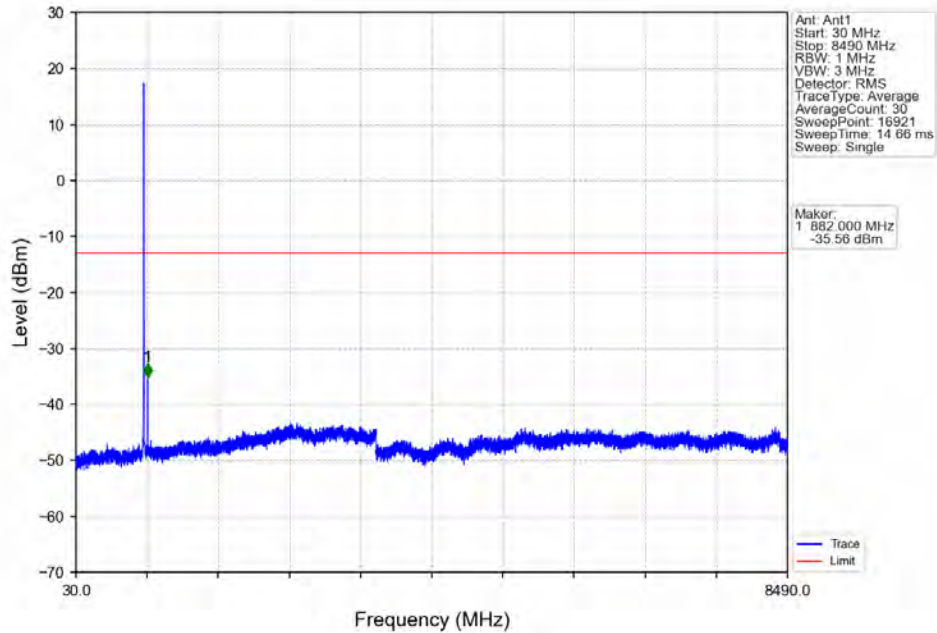


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Band26 3MHz QPSK MCH 836.5MHz RB 1 0 NTN



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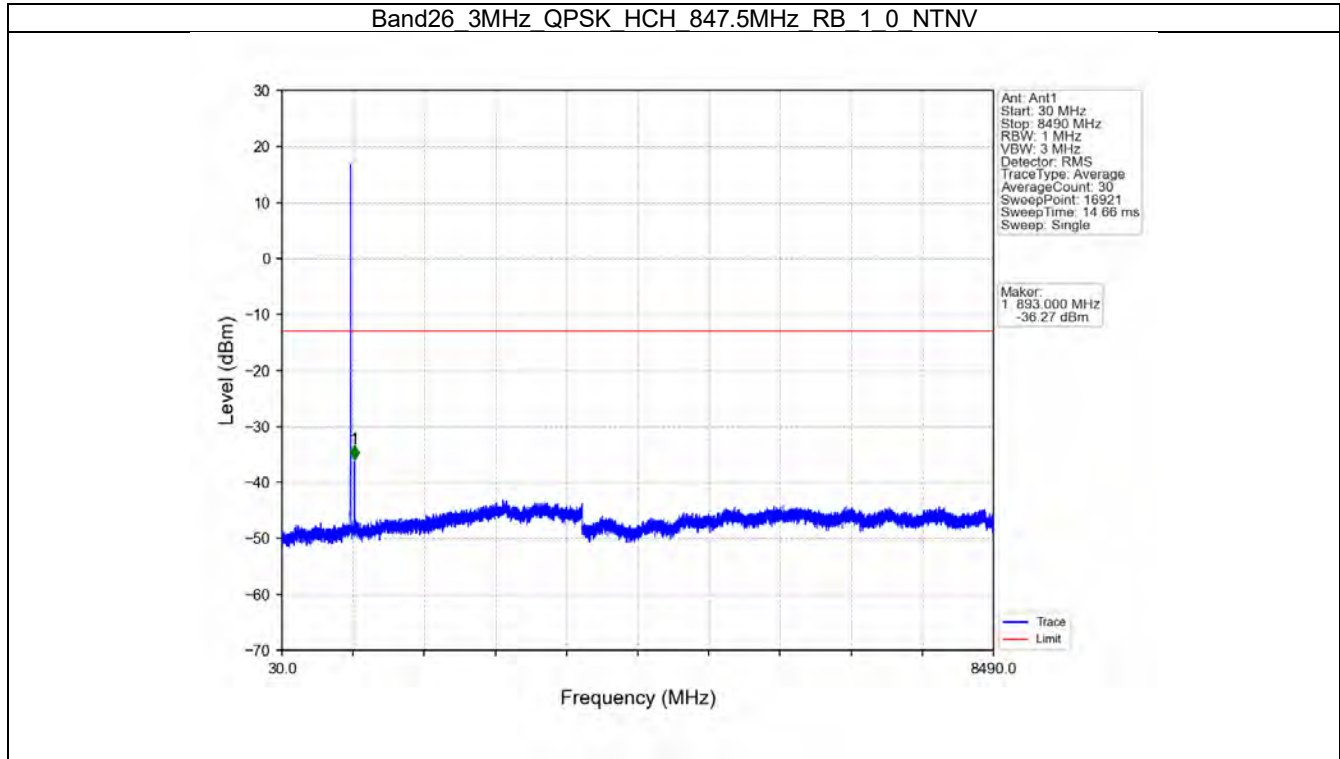
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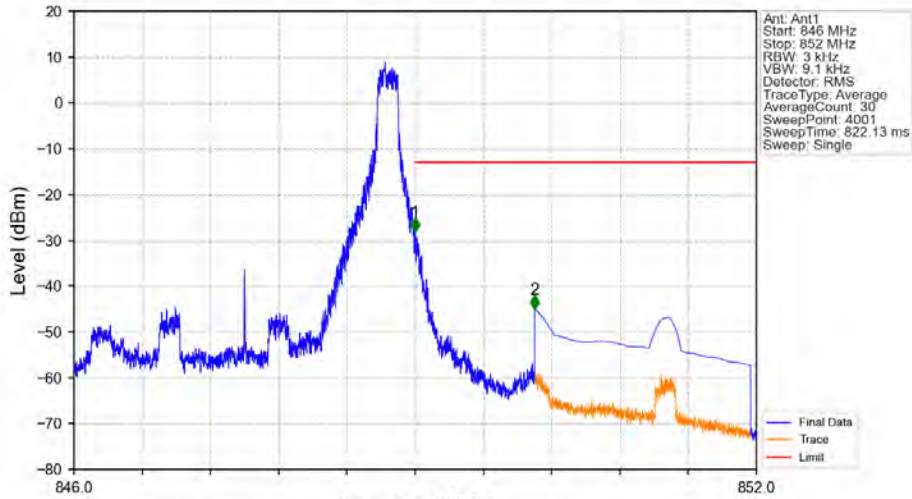
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Band26 3MHz QPSK HCH 847.5MHz RB 1 14 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.003	/	1	849.000	-28.12	-13	Pass
849	850	0.003	/	1	849.000	-28.12	-13	Pass
850	852	0.1	CHP	2	850.052	-45.05	-13	Pass



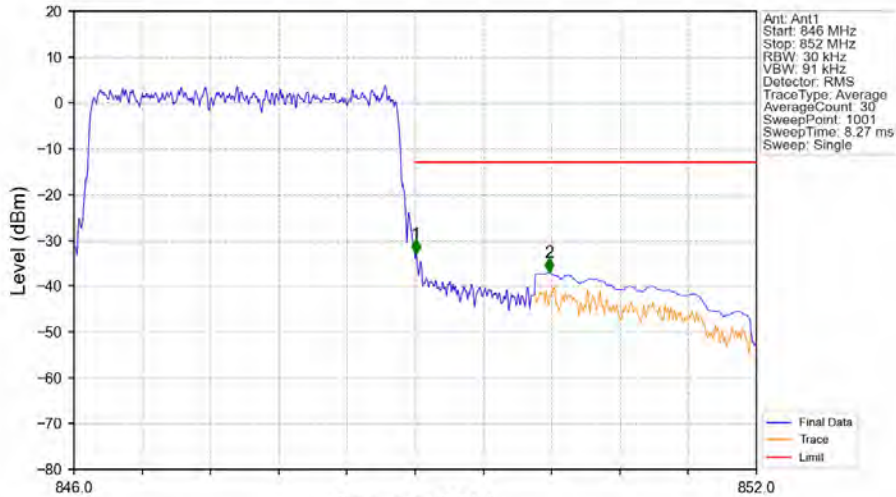
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Band26 3MHz QPSK HCH 847.5MHz RB 15 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
846	849	0.03	/	/	/	/	/	/
849	850	0.03	/	1	849.006	-32.92	-13	Pass
850	852	0.1	CHP	2	850.176	-37.00	-13	Pass



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5.3 B26_5MHz

5.3.1 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
	846.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

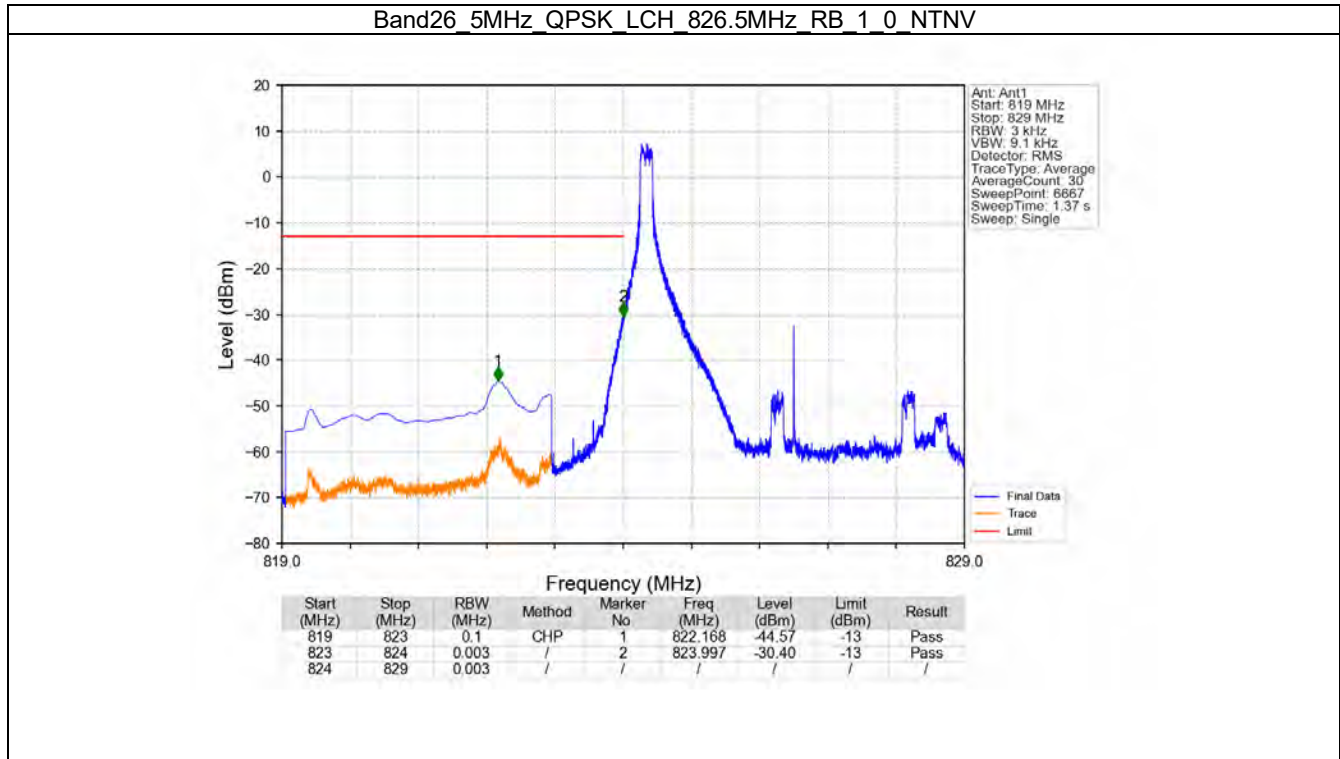


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5.3.2 Test Graph



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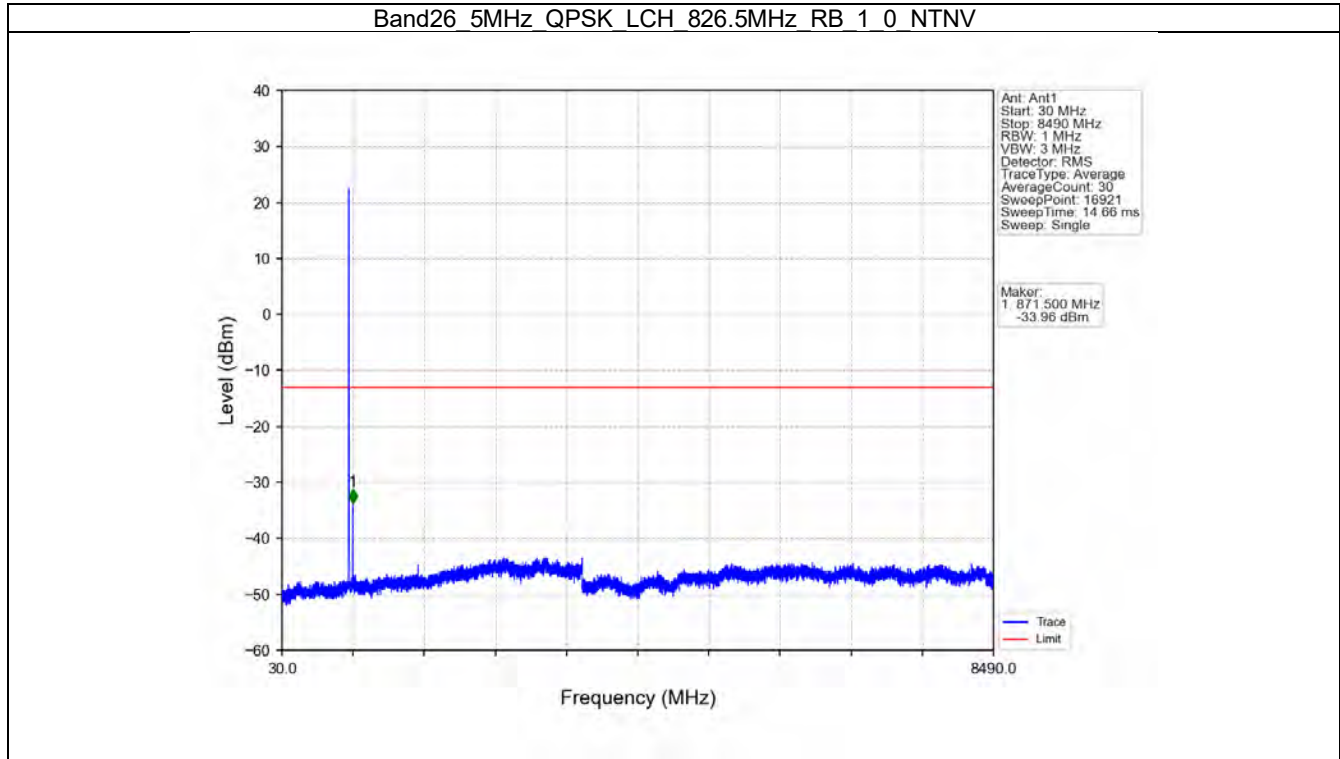
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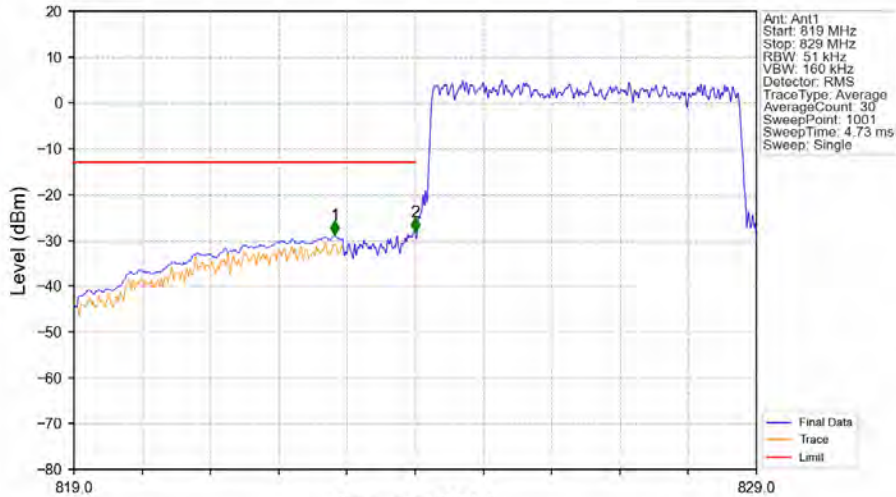
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Band26 5MHz QPSK LCH 826.5MHz RB 25 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
819	823	0.1	CHP	1	822.820	-28.93	-13	Pass
823	824	0.051	/	2	824.000	-28.17	-13	Pass
824	829	0.051	/	/	/	/	/	/



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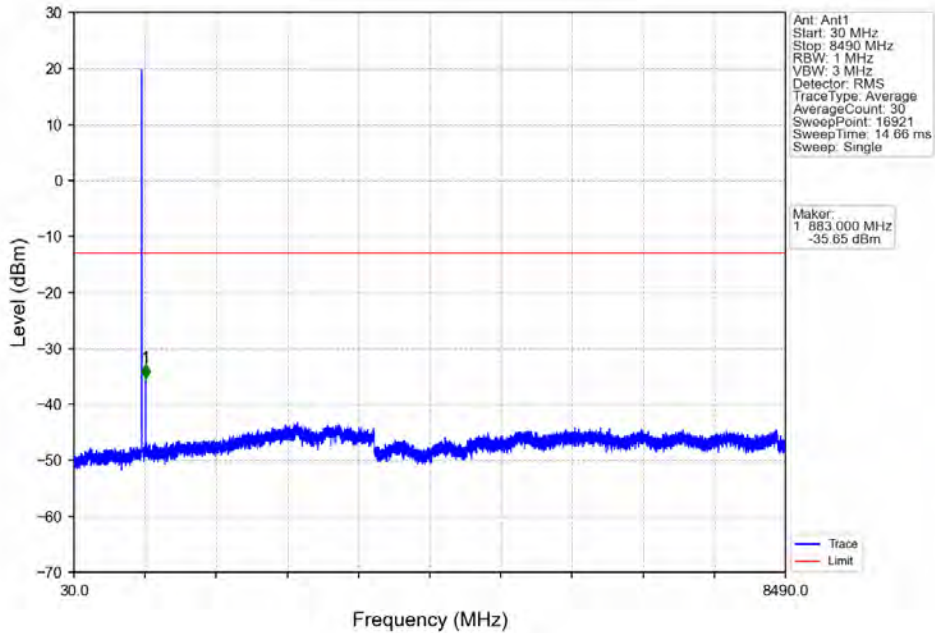
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Band26 5MHz QPSK MCH 836.5MHz RB 1 0 NTN



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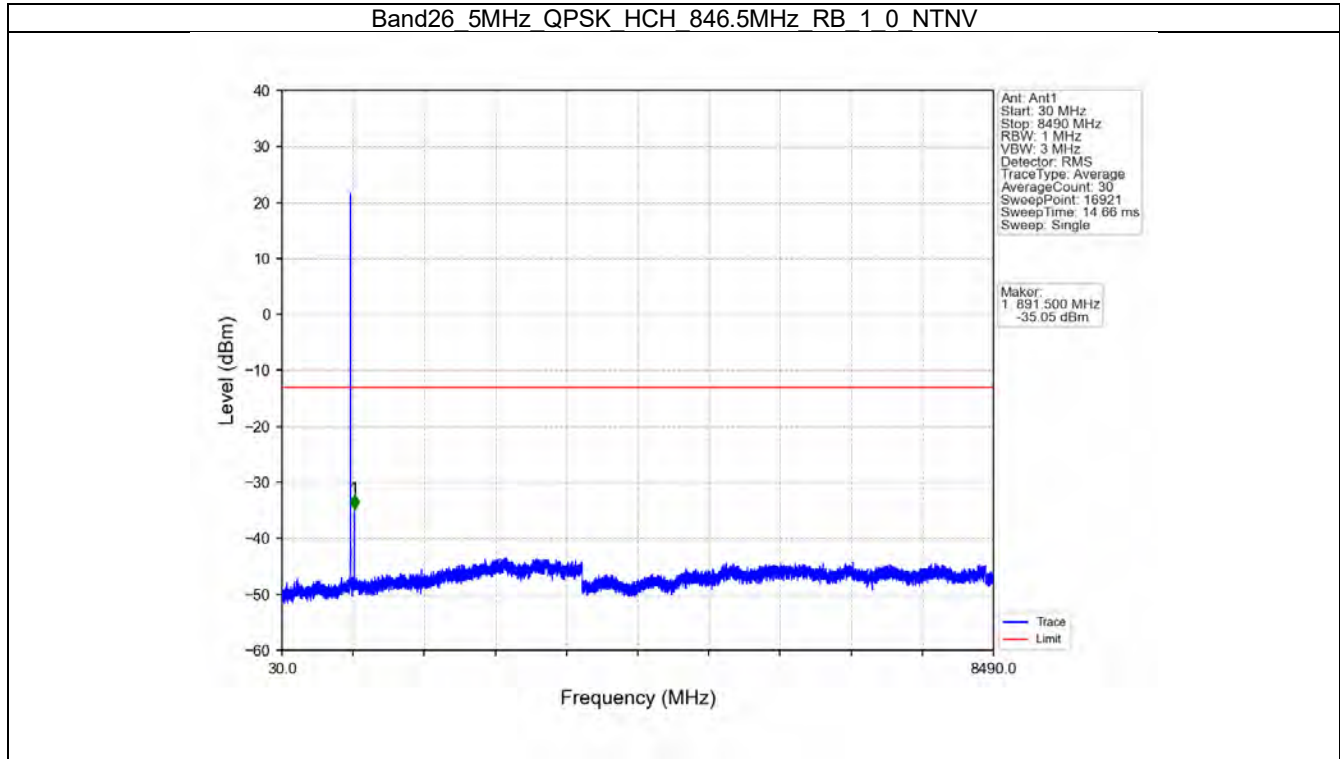
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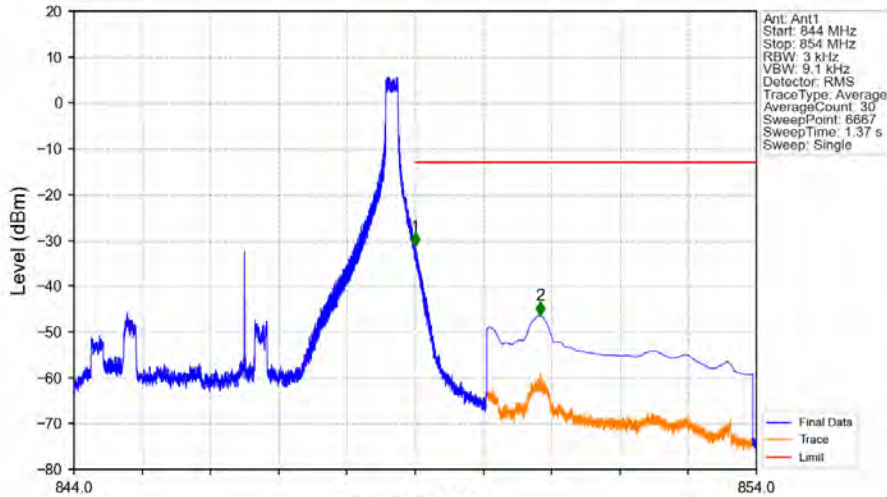
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Band26 5MHz QPSK HCH 846.5MHz RB 1 24 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.003	/	1	849.000	-31.37	-13	Pass
849	850	0.003	/	1	849.000	-31.37	-13	Pass
850	854	0.1	CHP	2	850.835	-46.41	-13	Pass



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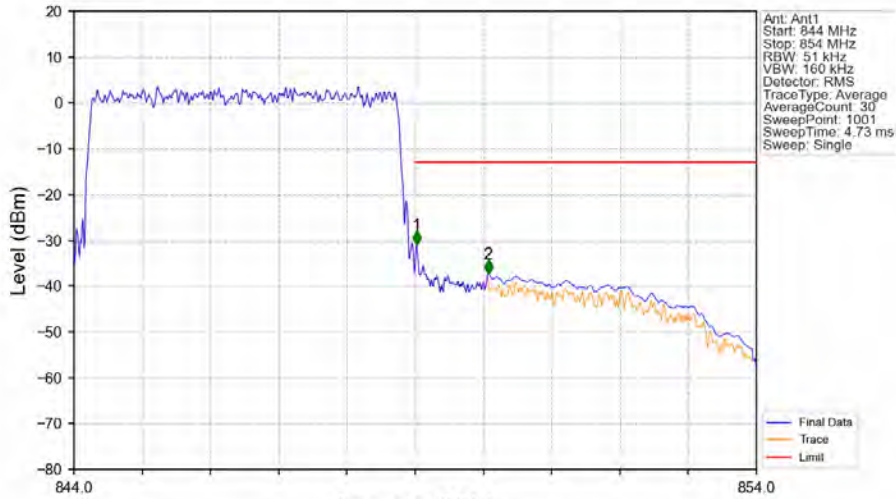
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Band26 5MHz QPSK HCH 846.5MHz RB 25 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
844	849	0.051	/	/	/	/	/	/
849	850	0.051	/	1	849.020	-30.98	-13	Pass
850	854	0.1	CHP	2	850.070	-37.32	-13	Pass



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5.4 B26_10MHz

5.4.1 Test Result

Band: 26b / Bandwidth: 10MHz / NTNv						
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
	844	50	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

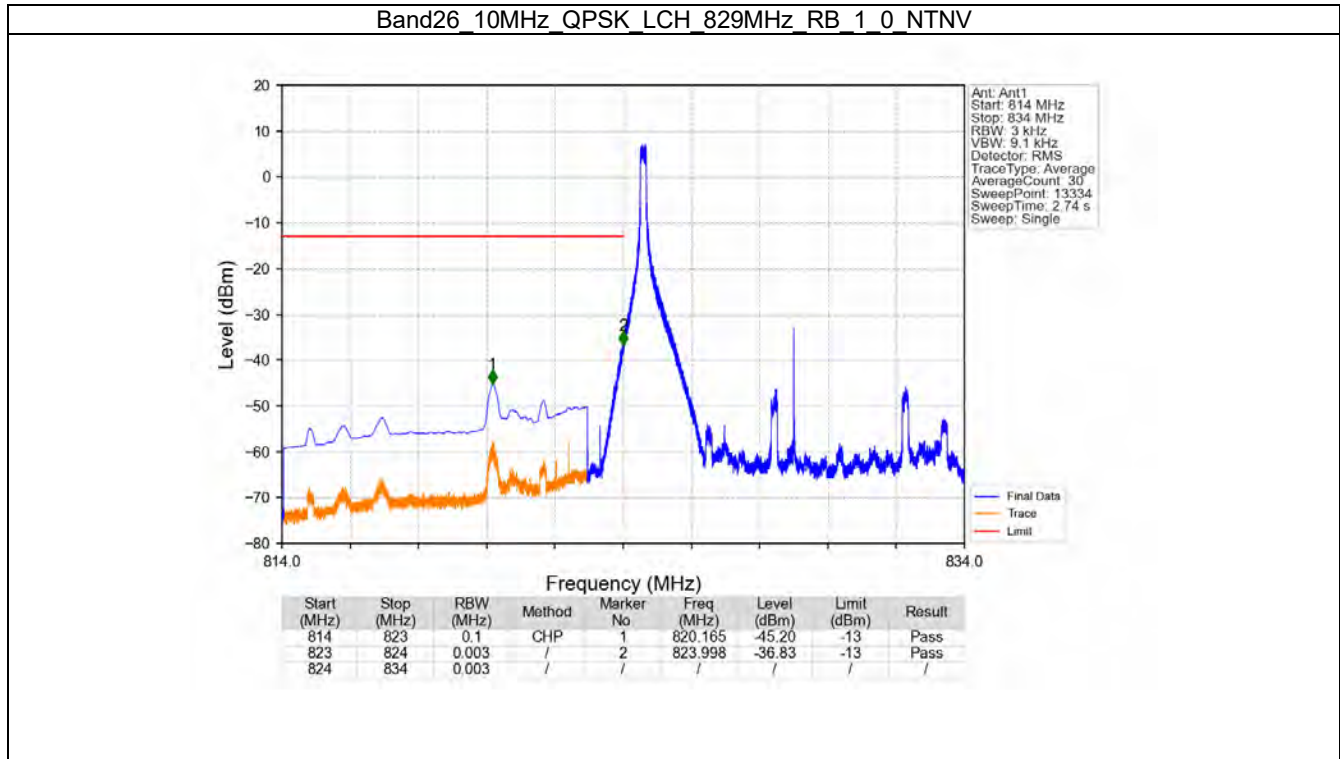


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5.4.2 Test Graph



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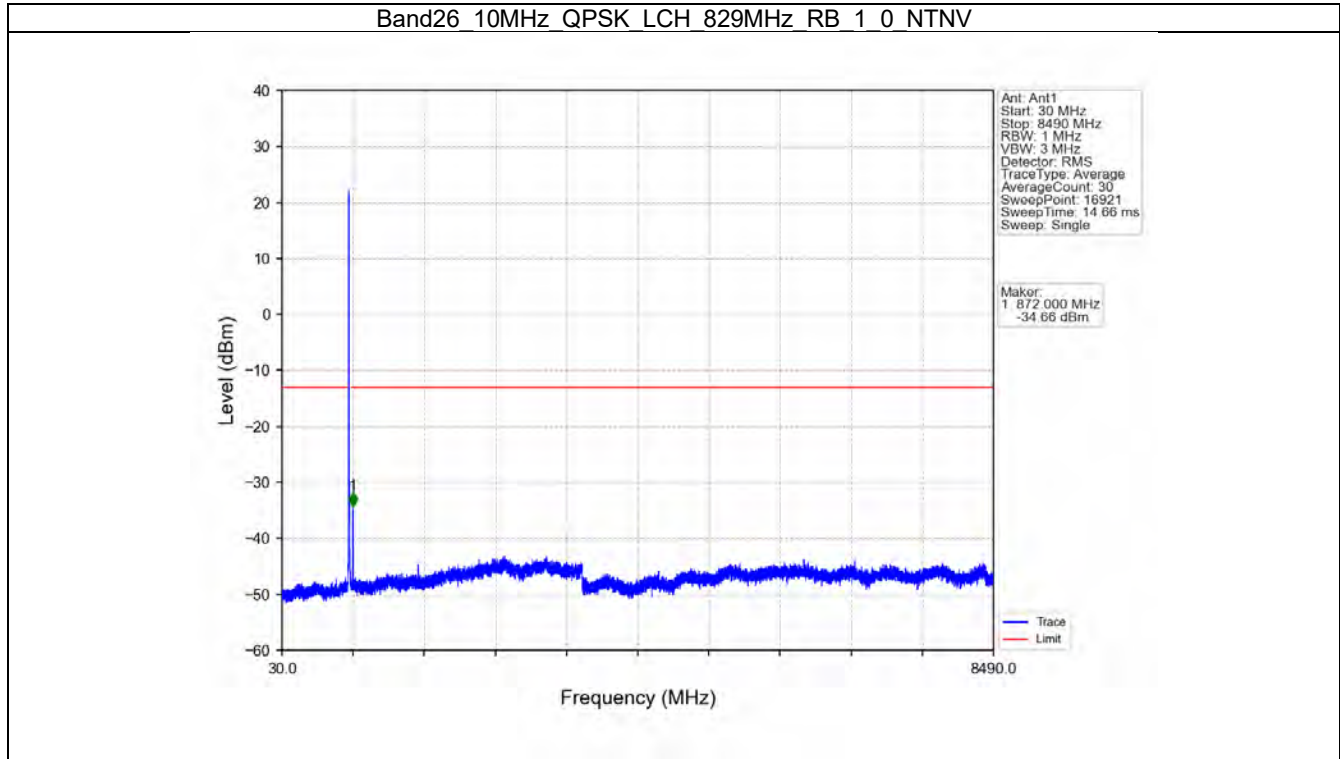
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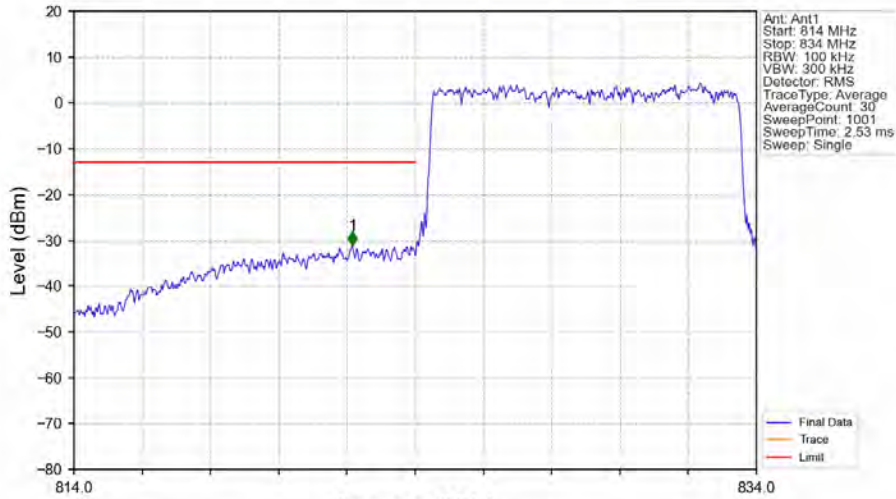
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Band26 10MHz QPSK LCH 829MHz RB 50 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
814	824	0.1	/	1	822.160	-31.18	-13	Pass
824	834	0.1	/	/	/	/	/	/



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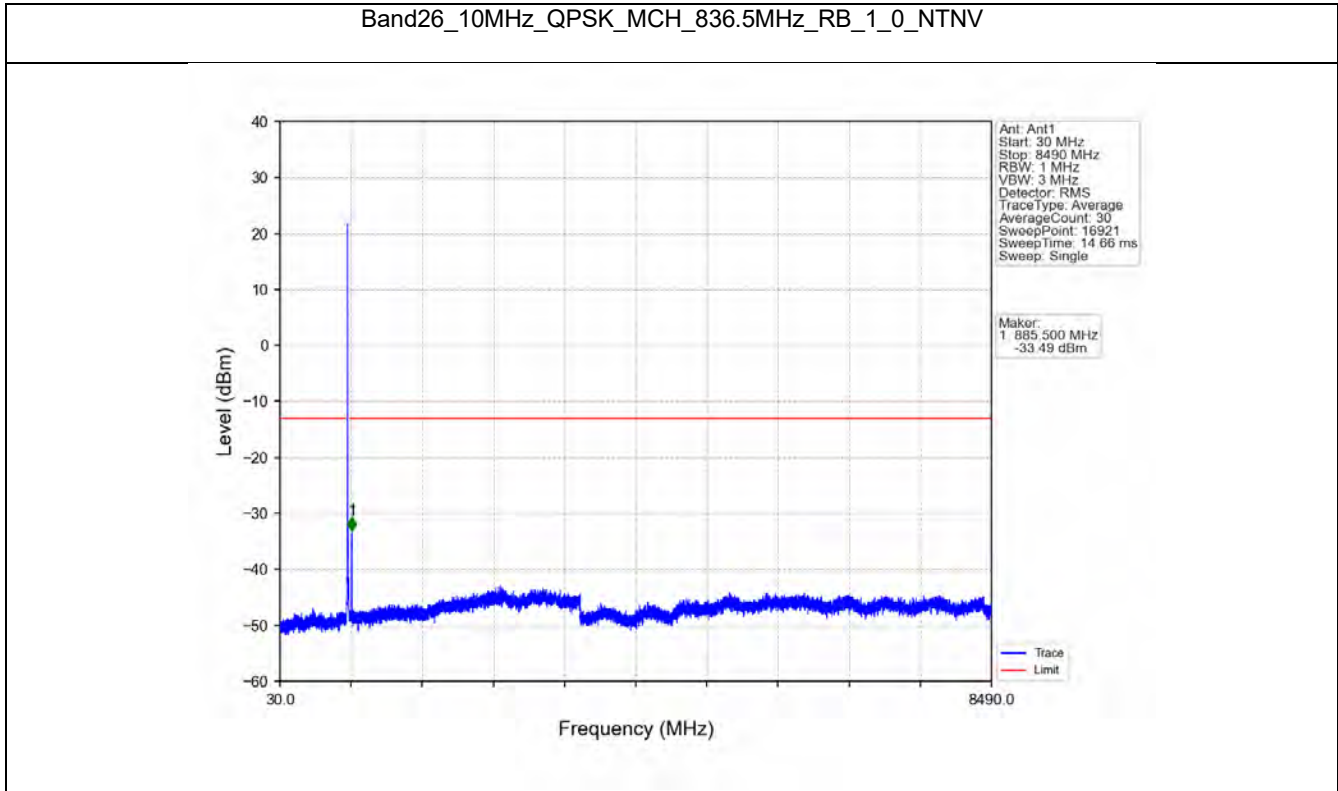
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Band26_10MHz_QPSK_MCH_836.5MHz_RB_1_0_NTNV



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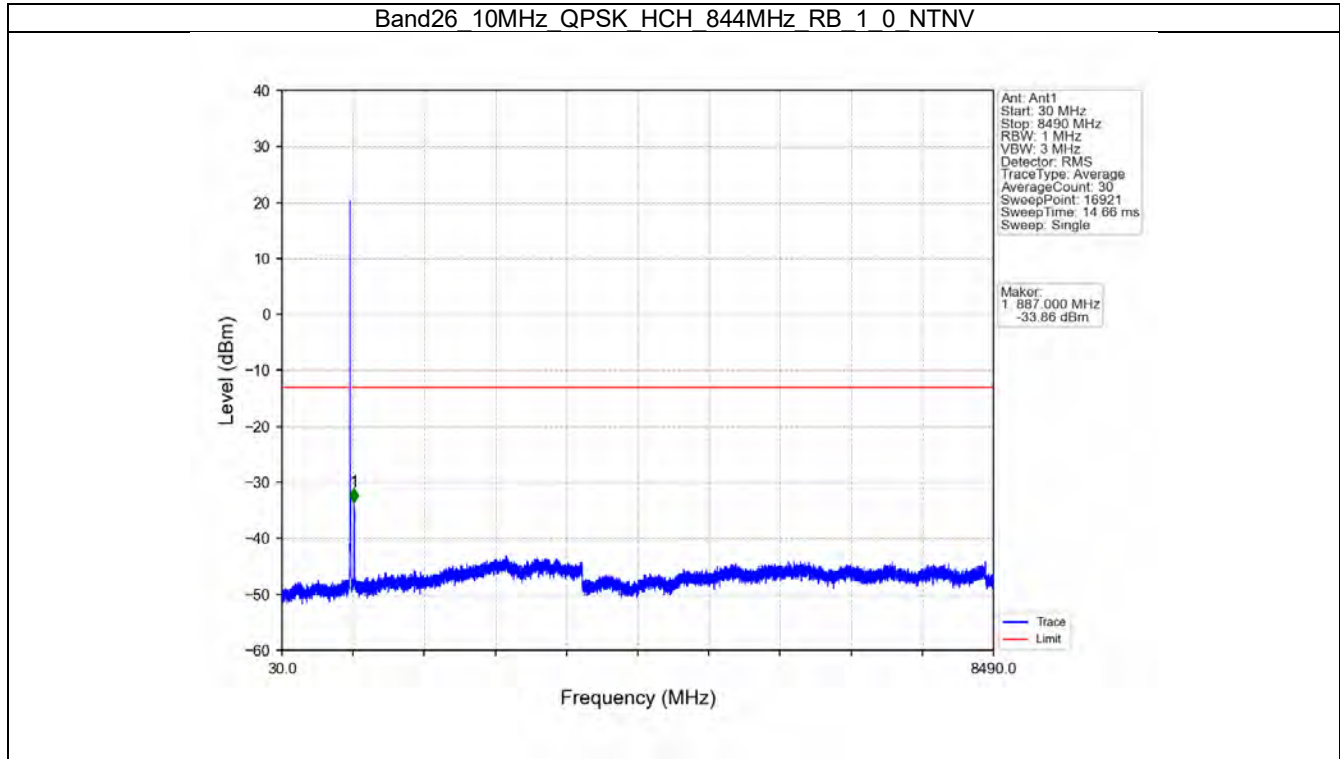
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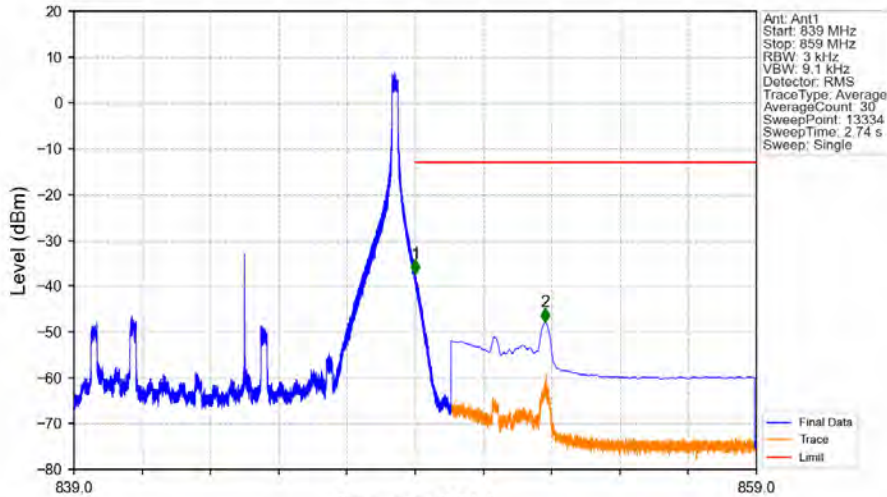
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Band26 10MHz QPSK HCH 844MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.003	/	/	/	/	/	/
849	850	0.003	/	1	849.011	-37.40	-13	Pass
850	859	0.1	CHP	2	852.802	-47.82	-13	Pass

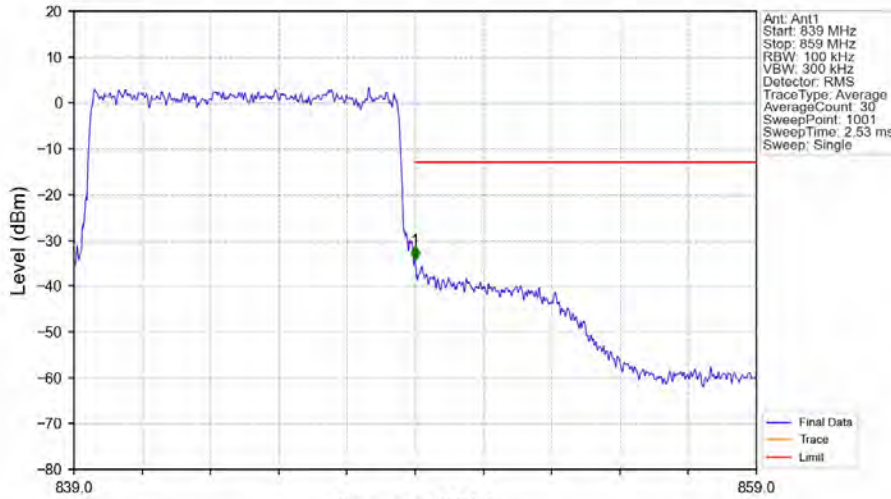


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Band26 10MHz QPSK HCH 844MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
839	849	0.1	/	/	/	/	/	/
849	859	0.1	/	1	849.000	-34.34	-13	Pass



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5.5 B26_15MHz

5.5.1 Test Result

Band: 26c / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	821.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	831.5	1	0	Refer To Test Graph		Pass
		841.5	1	0	Refer To Test Graph	
	74			Refer To Test Graph		Pass
	75	0	Refer To Test Graph		Pass	

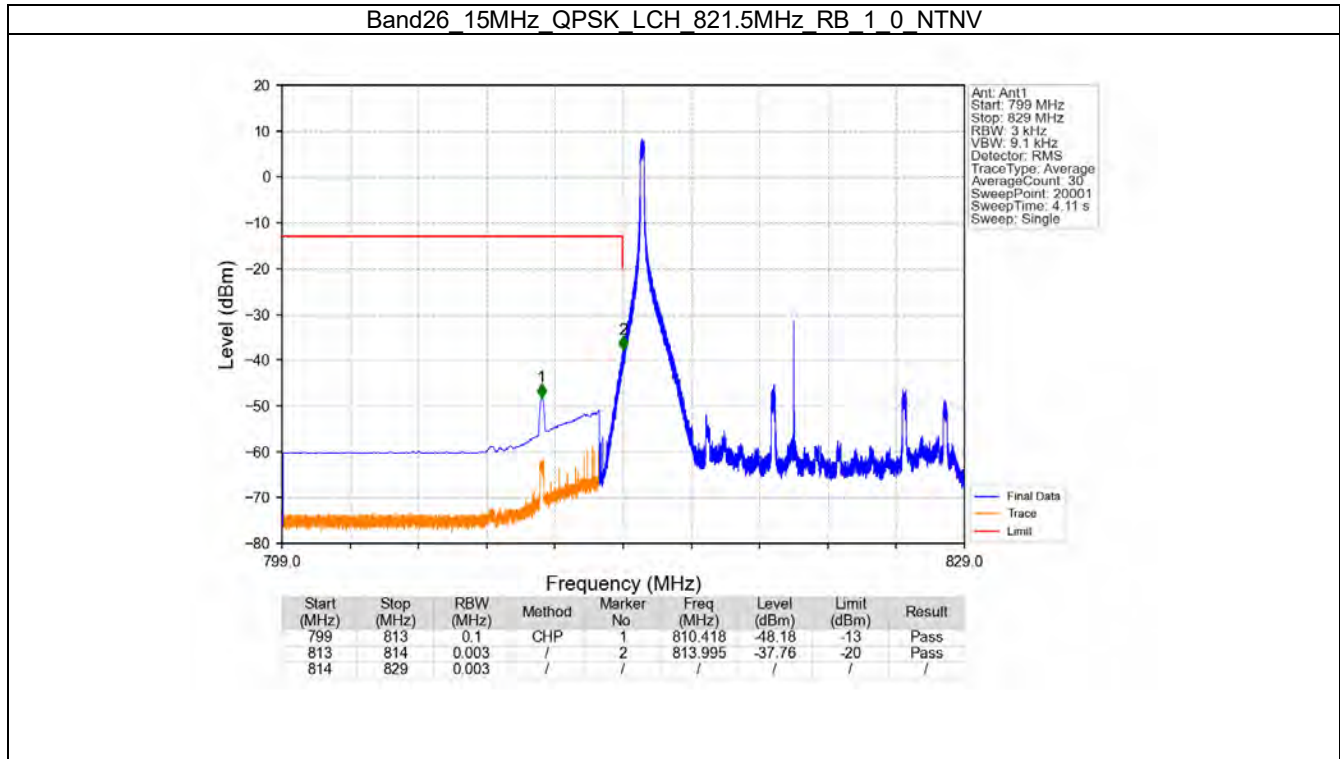


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5.5.2 Test Graph



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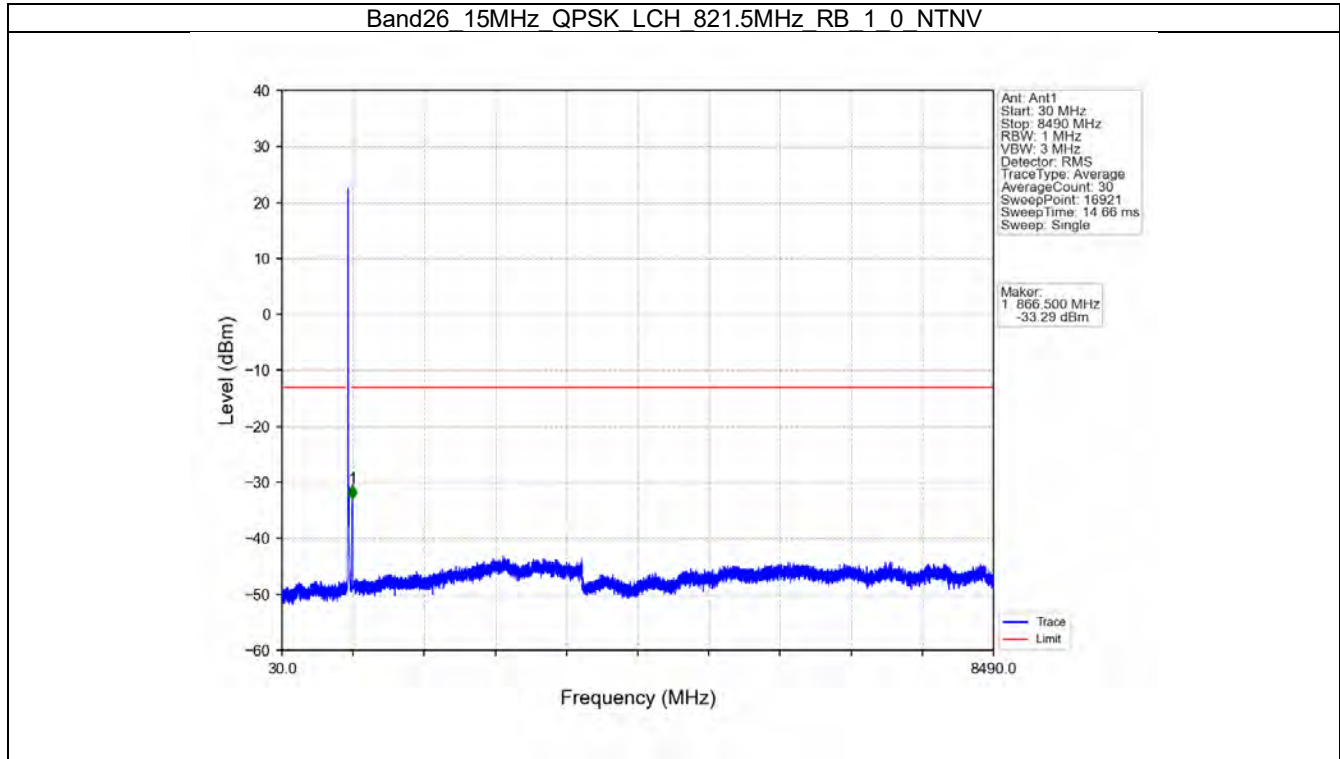
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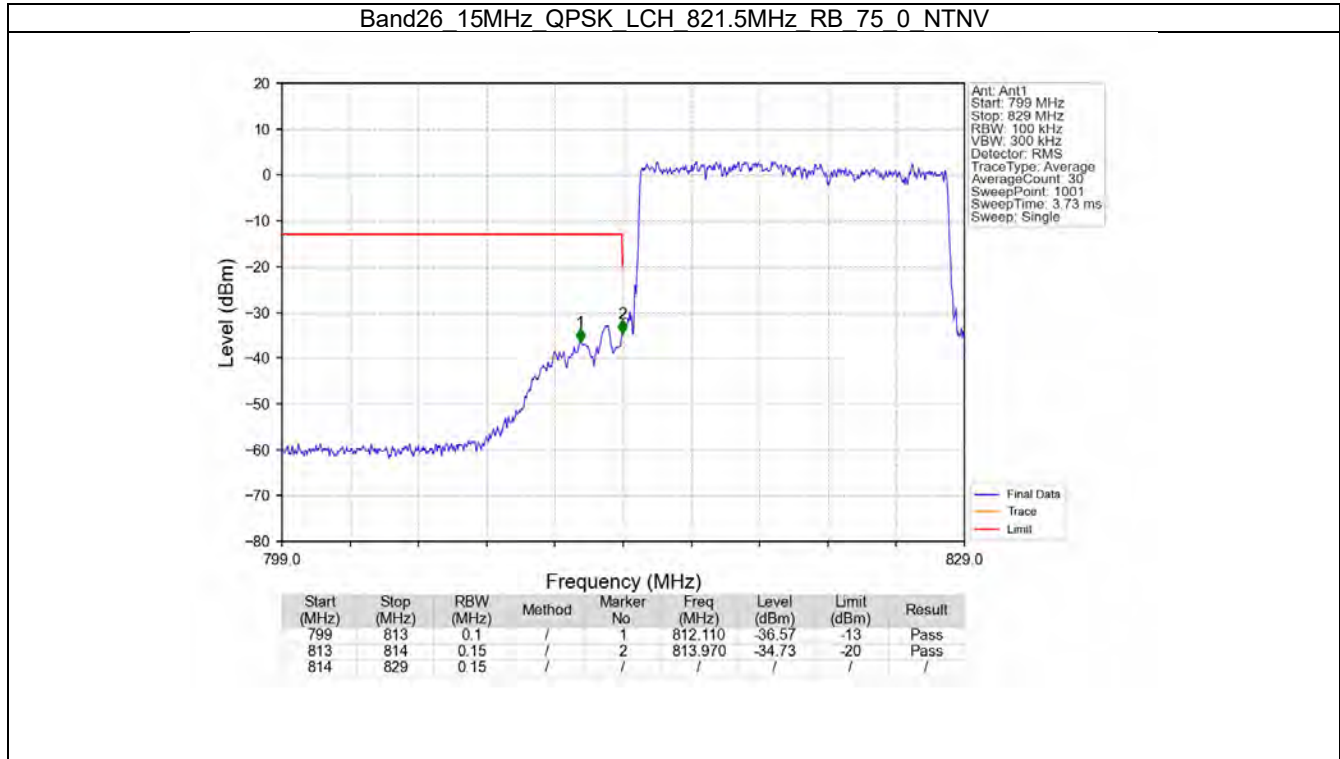
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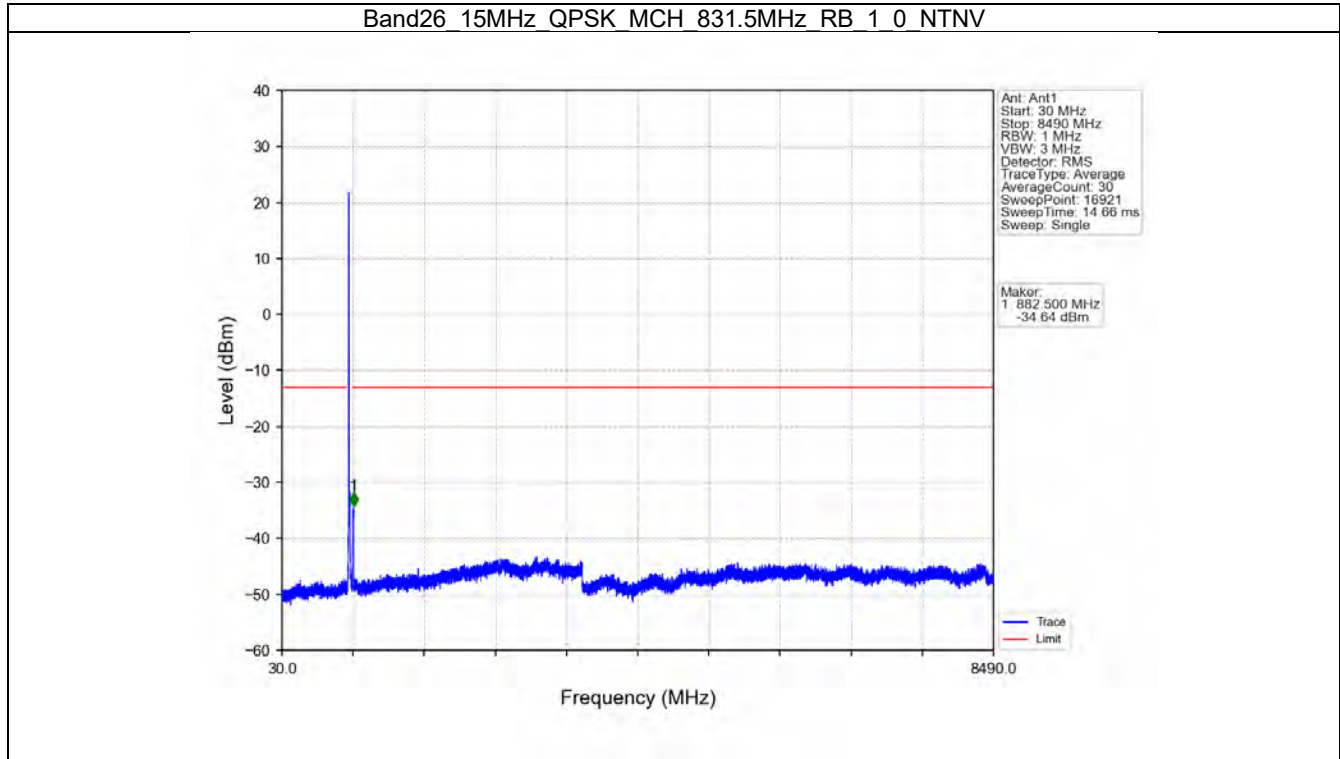
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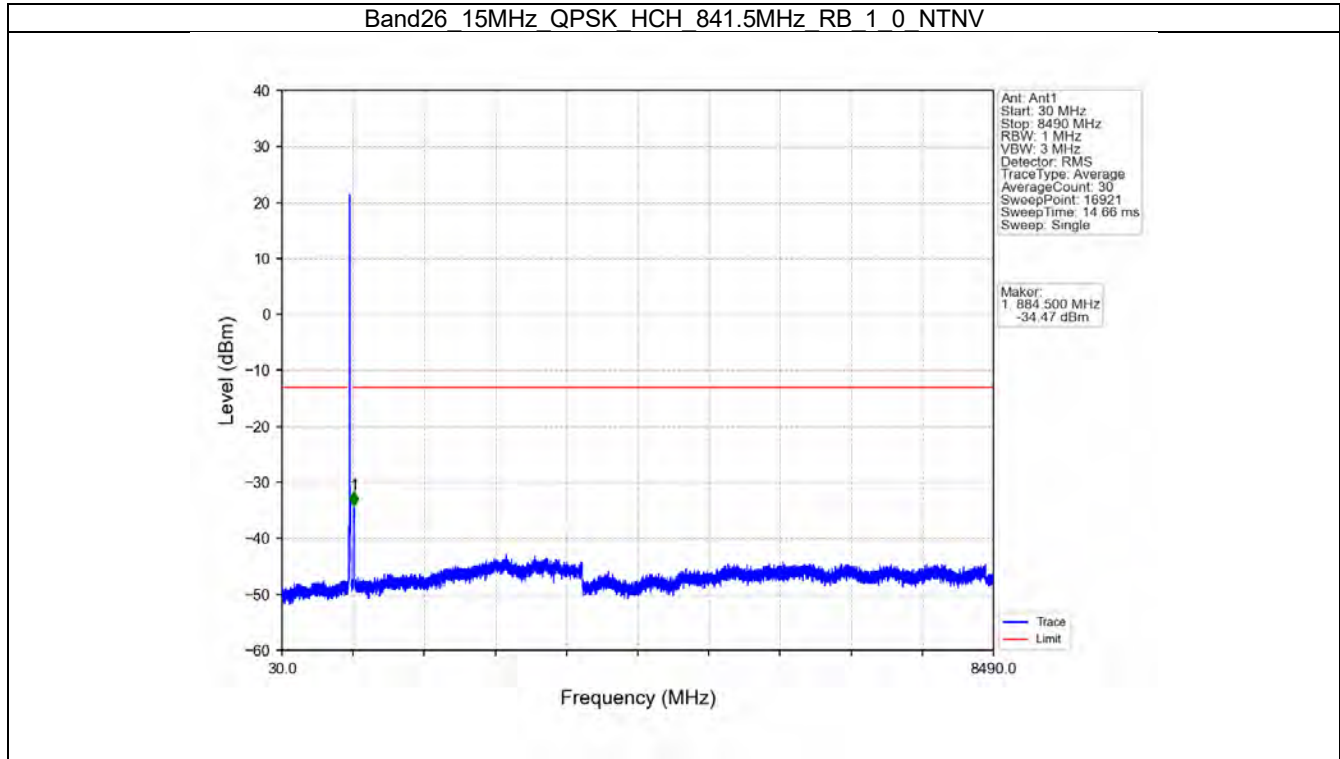
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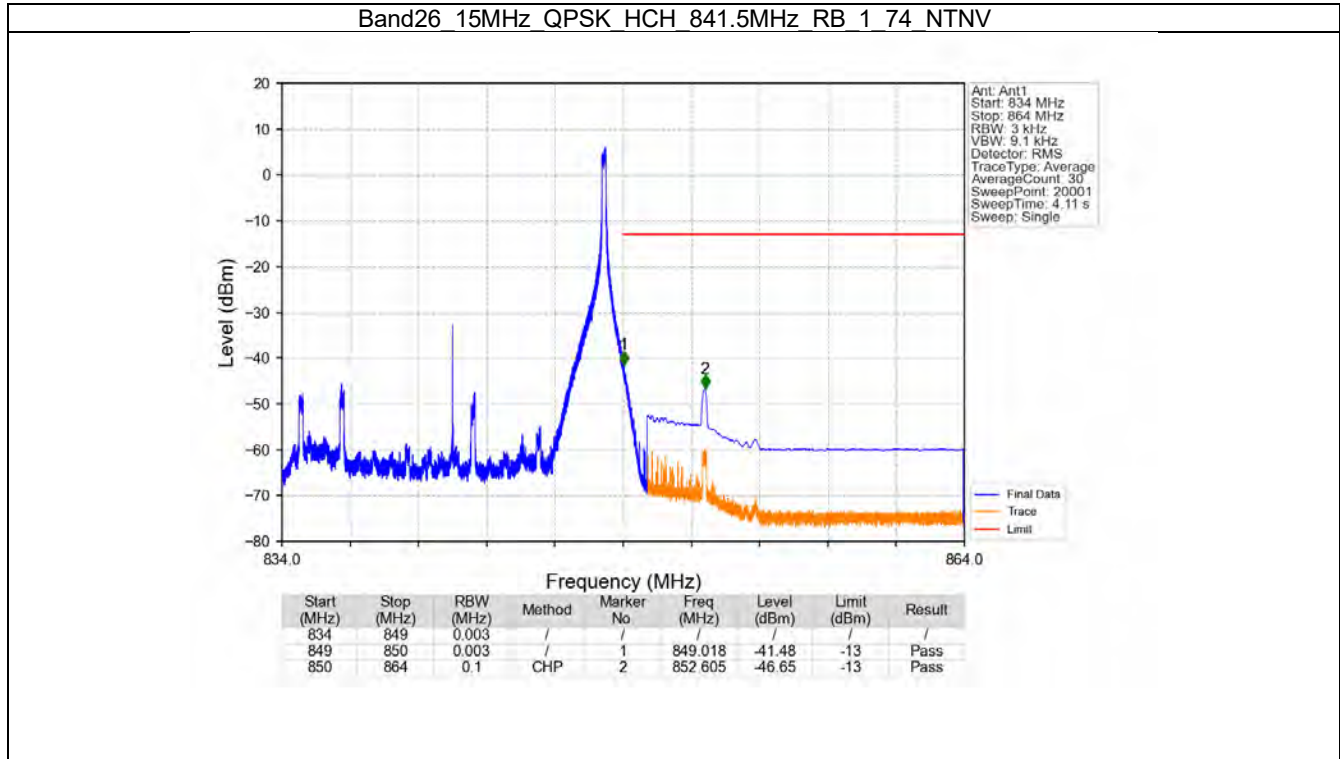
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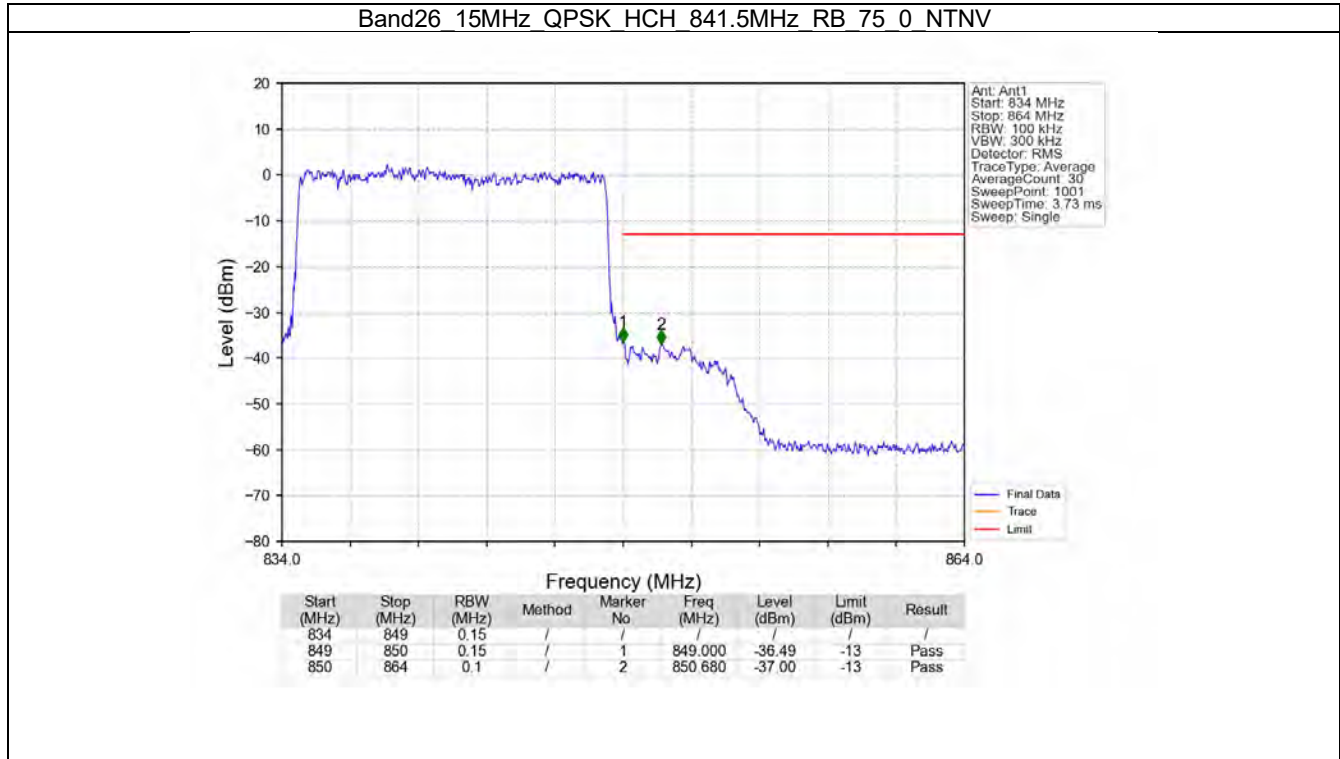
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6. Field Strength of Spurious Radiation

Test Band = LTE Band26_15M_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.6800	43.52	-48.22	25.27	-74.69	-13.00	61.69	Horizontal
2	2474.5200	41.95	-47.32	27.23	-73.40	-13.00	60.40	Horizontal
3	3299.3600	41.81	-46.68	28.48	-71.65	-13.00	58.65	Horizontal
4	4124.2000	40.53	-45.91	29.40	-71.25	-13.00	58.25	Horizontal
5	4949.0400	40.70	-45.69	31.29	-68.96	-13.00	55.96	Horizontal
6	5773.8800	39.04	-44.64	32.65	-68.20	-13.00	55.20	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1649.6800	43.29	-48.22	25.27	-74.92	-13.00	61.92	Vertical
2	2474.5200	41.83	-47.32	27.23	-73.52	-13.00	60.52	Vertical
3	3299.3600	41.38	-46.68	28.48	-72.08	-13.00	59.08	Vertical
4	4124.2000	40.69	-45.91	29.40	-71.09	-13.00	58.09	Vertical
5	4949.0400	41.00	-45.69	31.29	-68.66	-13.00	55.66	Vertical
6	5773.8800	38.97	-44.64	32.65	-68.27	-13.00	55.27	Vertical



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Test Band = LTE Band26_15M_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659.6800	49.70	-48.21	25.29	-68.48	-13.00	55.48	Horizontal
2	2489.5200	41.97	-47.29	27.27	-73.31	-13.00	60.31	Horizontal
3	3319.3600	42.21	-46.65	28.49	-71.21	-13.00	58.21	Horizontal
4	4149.2000	40.25	-45.93	29.46	-71.48	-13.00	58.48	Horizontal
5	4979.0400	40.66	-45.76	31.35	-69.01	-13.00	56.01	Horizontal
6	5805.8800	38.81	-44.68	32.66	-68.47	-13.00	55.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1659.6800	43.99	-48.21	25.29	-74.19	-13.00	61.19	Vertical
2	2489.5200	42.03	-47.29	27.27	-73.25	-13.00	60.25	Vertical
3	3319.3600	41.90	-46.65	28.49	-71.52	-13.00	58.52	Vertical
4	4149.2000	40.93	-45.93	29.46	-70.80	-13.00	57.80	Vertical
5	4979.0400	40.53	-45.76	31.35	-69.14	-13.00	56.14	Vertical
6	5805.8800	39.29	-44.68	32.66	-67.99	-13.00	54.99	Vertical



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Test Band = LTE Band26_15M_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1669.6800	46.92	-48.20	25.30	-71.23	-13.00	58.23	Horizontal
2	2504.5200	42.76	-47.25	27.31	-72.45	-13.00	59.45	Horizontal
3	3339.3600	41.75	-46.62	28.50	-71.63	-13.00	58.63	Horizontal
4	4174.2000	40.47	-45.94	29.52	-71.22	-13.00	58.22	Horizontal
5	5009.0400	40.52	-45.77	31.42	-69.09	-13.00	56.09	Horizontal
6	5843.8800	39.19	-44.80	32.67	-68.20	-13.00	55.20	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1669.6800	44.06	-48.20	25.30	-74.09	-13.00	61.09	Vertical
2	2504.5200	42.71	-47.25	27.31	-72.50	-13.00	59.50	Vertical
3	3339.3600	41.88	-46.62	28.50	-71.50	-13.00	58.50	Vertical
4	4174.2000	40.53	-45.94	29.52	-71.16	-13.00	58.16	Vertical
5	5009.0400	40.29	-45.77	31.42	-69.32	-13.00	56.32	Vertical
6	5843.8800	39.46	-44.80	32.67	-67.93	-13.00	54.93	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---



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