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Rev.: 01
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Appendix B.13

LTE Band 26(814-824)



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1. Transmitter Conducted Power Output

1.1 B26a_1.4MHz_ERP

1.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	814.7	1	0	25.11	-4.10	18.86	<=38.45	Pass	
			2	25.04	-4.10	18.79	<=38.45	Pass	
			5	25.14	-4.10	18.89	<=38.45	Pass	
		3	0	25.17	-4.10	18.92	<=38.45	Pass	
			2	25.15	-4.10	18.90	<=38.45	Pass	
			3	25.22	-4.10	18.97	<=38.45	Pass	
	6	0	24.19	-4.10	17.94	<=38.45	Pass		
		819	1	0	25.06	-4.10	18.81	<=38.45	Pass
				2	25.12	-4.10	18.87	<=38.45	Pass
	5			25.13	-4.10	18.88	<=38.45	Pass	
	3	0	25.13	-4.10	18.88	<=38.45	Pass		
		2	25.19	-4.10	18.94	<=38.45	Pass		
		3	25.15	-4.10	18.90	<=38.45	Pass		
	6	0	24.19	-4.10	17.94	<=38.45	Pass		
		823.3	1	0	25.15	-4.10	18.90	<=38.45	Pass
				2	25.11	-4.10	18.86	<=38.45	Pass
	5			25.14	-4.10	18.89	<=38.45	Pass	
	3	0	25.20	-4.10	18.95	<=38.45	Pass		
		2	25.15	-4.10	18.90	<=38.45	Pass		
		3	25.11	-4.10	18.86	<=38.45	Pass		
	6	0	24.15	-4.10	17.90	<=38.45	Pass		
		814.7	1	0	24.18	-4.10	17.93	<=38.45	Pass
				2	24.18	-4.10	17.93	<=38.45	Pass
	5			24.33	-4.10	18.08	<=38.45	Pass	
3	0		24.35	-4.10	18.10	<=38.45	Pass		
	2		24.22	-4.10	17.97	<=38.45	Pass		
	3		24.19	-4.10	17.94	<=38.45	Pass		
6	0	23.16	-4.10	16.91	<=38.45	Pass			
	819	1	0	24.19	-4.10	17.94	<=38.45	Pass	
			2	24.30	-4.10	18.05	<=38.45	Pass	
5			24.16	-4.10	17.91	<=38.45	Pass		
3		0	24.31	-4.10	18.06	<=38.45	Pass		
		2	24.20	-4.10	17.95	<=38.45	Pass		
		3	24.17	-4.10	17.92	<=38.45	Pass		
6	0	23.17	-4.10	16.92	<=38.45	Pass			
	823.3	1	0	24.31	-4.10	18.06	<=38.45	Pass	
			2	24.11	-4.10	17.86	<=38.45	Pass	
5			24.25	-4.10	18.00	<=38.45	Pass		
3	0	24.20	-4.10	17.95	<=38.45	Pass			



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			2	24.37	-4.10	18.12	<=38.45	Pass		
			3	24.22	-4.10	17.97	<=38.45	Pass		
		6	0	23.18	-4.10	16.93	<=38.45	Pass		
64QAM	814.7	1	0	23.57	-4.10	17.32	<=38.45	Pass		
			2	23.31	-4.10	17.06	<=38.45	Pass		
			5	23.53	-4.10	17.28	<=38.45	Pass		
		3	0	23.66	-4.10	17.41	<=38.45	Pass		
			2	23.40	-4.10	17.15	<=38.45	Pass		
			3	23.67	-4.10	17.42	<=38.45	Pass		
		6	0	22.50	-4.10	16.25	<=38.45	Pass		
		819	1	0	23.52	-4.10	17.27	<=38.45	Pass	
				2	23.24	-4.10	16.99	<=38.45	Pass	
	5			23.46	-4.10	17.21	<=38.45	Pass		
	3		0	23.61	-4.10	17.36	<=38.45	Pass		
			2	23.32	-4.10	17.07	<=38.45	Pass		
			3	23.60	-4.10	17.35	<=38.45	Pass		
	6		0	22.47	-4.10	16.22	<=38.45	Pass		
	823.3		1	0	23.52	-4.10	17.27	<=38.45	Pass	
				2	23.29	-4.10	17.04	<=38.45	Pass	
		5		23.88	-4.10	17.63	<=38.45	Pass		
		3	0	23.52	-4.10	17.27	<=38.45	Pass		
			2	23.29	-4.10	17.04	<=38.45	Pass		
			3	23.90	-4.10	17.65	<=38.45	Pass		
		6	0	23.51	-4.10	17.26	<=38.45	Pass		
		256QAM	814.7	1	0	20.49	-4.10	14.24	<=38.45	Pass
					2	20.22	-4.10	13.97	<=38.45	Pass
	5				20.27	-4.10	14.02	<=38.45	Pass	
3	0			20.44	-4.10	14.19	<=38.45	Pass		
	2			20.25	-4.10	14.00	<=38.45	Pass		
	3			20.29	-4.10	14.04	<=38.45	Pass		
6	0			20.50	-4.10	14.25	<=38.45	Pass		
819	1			0	20.46	-4.10	14.21	<=38.45	Pass	
				2	20.48	-4.10	14.23	<=38.45	Pass	
			5	20.23	-4.10	13.98	<=38.45	Pass		
	3		0	20.36	-4.10	14.11	<=38.45	Pass		
			2	20.36	-4.10	14.11	<=38.45	Pass		
			3	20.24	-4.10	13.99	<=38.45	Pass		
	6		0	20.36	-4.10	14.11	<=38.45	Pass		
	823.3		1	0	20.21	-4.10	13.96	<=38.45	Pass	
				2	20.66	-4.10	14.41	<=38.45	Pass	
5				20.47	-4.10	14.22	<=38.45	Pass		
3			0	20.22	-4.10	13.97	<=38.45	Pass		
			2	20.30	-4.10	14.05	<=38.45	Pass		
			3	20.33	-4.10	14.08	<=38.45	Pass		
6			0	20.46	-4.10	14.21	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.2 B26a_3MHz_ERP

1.2.1 Test Result

Band: 26a / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	815.5	1	0	25.25	-4.10	19.00	<=38.45	Pass		
			7	25.16	-4.10	18.91	<=38.45	Pass		
			14	25.12	-4.10	18.87	<=38.45	Pass		
		8	0	24.20	-4.10	17.95	<=38.45	Pass		
			4	24.16	-4.10	17.91	<=38.45	Pass		
			7	24.23	-4.10	17.98	<=38.45	Pass		
		15	0	24.21	-4.10	17.96	<=38.45	Pass		
		819	1	0	25.20	-4.10	18.95	<=38.45	Pass	
				7	25.14	-4.10	18.89	<=38.45	Pass	
	14			25.06	-4.10	18.81	<=38.45	Pass		
	8		0	24.14	-4.10	17.89	<=38.45	Pass		
			4	24.13	-4.10	17.88	<=38.45	Pass		
			7	24.16	-4.10	17.91	<=38.45	Pass		
	15		0	24.15	-4.10	17.90	<=38.45	Pass		
	822.5		1	0	25.15	-4.10	18.90	<=38.45	Pass	
				7	25.14	-4.10	18.89	<=38.45	Pass	
		14		25.18	-4.10	18.93	<=38.45	Pass		
		8	0	24.14	-4.10	17.89	<=38.45	Pass		
			4	24.14	-4.10	17.89	<=38.45	Pass		
			7	24.14	-4.10	17.89	<=38.45	Pass		
		15	0	24.15	-4.10	17.90	<=38.45	Pass		
		16QAM	815.5	1	0	24.30	-4.10	18.05	<=38.45	Pass
					7	24.35	-4.10	18.10	<=38.45	Pass
	14				24.69	-4.10	18.44	<=38.45	Pass	
8	0			23.28	-4.10	17.03	<=38.45	Pass		
	4			23.17	-4.10	16.92	<=38.45	Pass		
	7			23.32	-4.10	17.07	<=38.45	Pass		
15	0			23.16	-4.10	16.91	<=38.45	Pass		
819	1			0	24.23	-4.10	17.98	<=38.45	Pass	
				7	24.72	-4.10	18.47	<=38.45	Pass	
			14	24.19	-4.10	17.94	<=38.45	Pass		
	8		0	23.15	-4.10	16.90	<=38.45	Pass		
			4	23.31	-4.10	17.06	<=38.45	Pass		
			7	23.25	-4.10	17.00	<=38.45	Pass		
	15		0	23.26	-4.10	17.01	<=38.45	Pass		
	822.5		1	0	24.33	-4.10	18.08	<=38.45	Pass	
				7	24.20	-4.10	17.95	<=38.45	Pass	
14				24.37	-4.10	18.12	<=38.45	Pass		
8			0	23.19	-4.10	16.94	<=38.45	Pass		
			4	23.19	-4.10	16.94	<=38.45	Pass		
			7	23.21	-4.10	16.96	<=38.45	Pass		



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64QAM	815.5	15	0	23.12	-4.10	16.87	<=38.45	Pass	
			1	0	23.43	-4.10	17.18	<=38.45	Pass
				7	23.61	-4.10	17.36	<=38.45	Pass
		14		23.35	-4.10	17.10	<=38.45	Pass	
		8	0	23.43	-4.10	17.18	<=38.45	Pass	
			4	23.61	-4.10	17.36	<=38.45	Pass	
	7		23.36	-4.10	17.11	<=38.45	Pass		
	819	15	0	23.42	-4.10	17.17	<=38.45	Pass	
			1	0	23.28	-4.10	17.03	<=38.45	Pass
				7	23.36	-4.10	17.11	<=38.45	Pass
		14		23.54	-4.10	17.29	<=38.45	Pass	
		8	0	23.27	-4.10	17.02	<=38.45	Pass	
			4	23.37	-4.10	17.12	<=38.45	Pass	
			7	23.55	-4.10	17.30	<=38.45	Pass	
		15	0	23.29	-4.10	17.04	<=38.45	Pass	
			1	0	23.51	-4.10	17.26	<=38.45	Pass
				7	23.24	-4.10	16.99	<=38.45	Pass
		14		23.33	-4.10	17.08	<=38.45	Pass	
		822.5	8	0	23.53	-4.10	17.28	<=38.45	Pass
	4			23.25	-4.10	17.00	<=38.45	Pass	
	7			23.35	-4.10	17.10	<=38.45	Pass	
	15		0	23.53	-4.10	17.28	<=38.45	Pass	
			1	0	20.51	-4.10	14.26	<=38.45	Pass
				7	20.31	-4.10	14.06	<=38.45	Pass
14	20.84	-4.10		14.59	<=38.45	Pass			
256QAM	815.5	8	0	20.52	-4.10	14.27	<=38.45	Pass	
			4	20.37	-4.10	14.12	<=38.45	Pass	
			7	20.51	-4.10	14.26	<=38.45	Pass	
		15	0	20.46	-4.10	14.21	<=38.45	Pass	
			1	0	20.81	-4.10	14.56	<=38.45	Pass
				7	20.49	-4.10	14.24	<=38.45	Pass
	14	20.19		-4.10	13.94	<=38.45	Pass		
	819	8	0	20.48	-4.10	14.23	<=38.45	Pass	
			4	20.45	-4.10	14.20	<=38.45	Pass	
			7	20.32	-4.10	14.07	<=38.45	Pass	
		15	0	20.41	-4.10	14.16	<=38.45	Pass	
			1	0	20.22	-4.10	13.97	<=38.45	Pass
7				20.80	-4.10	14.55	<=38.45	Pass	
822.5	8	0		20.48	-4.10	14.23	<=38.45	Pass	
		4	20.29	-4.10	14.04	<=38.45	Pass		
		7	20.43	-4.10	14.18	<=38.45	Pass		
	15	0	20.43	-4.10	14.18	<=38.45	Pass		
		4	20.43	-4.10	14.18	<=38.45	Pass		
		7	20.43	-4.10	14.18	<=38.45	Pass		
15	0	20.50	-4.10	14.25	<=38.45	Pass			

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B26a_5MHz_ERP

1.3.1 Test Result

Band: 26a / Bandwidth: 5MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	816.5	1	0	25.33	-4.10	19.08	<=38.45	Pass	
			13	25.20	-4.10	18.95	<=38.45	Pass	
			24	25.18	-4.10	18.93	<=38.45	Pass	
		12	0	24.18	-4.10	17.93	<=38.45	Pass	
			6	24.16	-4.10	17.91	<=38.45	Pass	
			13	24.17	-4.10	17.92	<=38.45	Pass	
		25	0	24.06	-4.10	17.81	<=38.45	Pass	
			1	0	25.24	-4.10	18.99	<=38.45	Pass
				13	25.15	-4.10	18.90	<=38.45	Pass
	24	25.19		-4.10	18.94	<=38.45	Pass		
	819	12	0	24.16	-4.10	17.91	<=38.45	Pass	
			6	24.16	-4.10	17.91	<=38.45	Pass	
			13	24.14	-4.10	17.89	<=38.45	Pass	
		25	0	24.16	-4.10	17.91	<=38.45	Pass	
			1	0	25.26	-4.10	19.01	<=38.45	Pass
				13	25.15	-4.10	18.90	<=38.45	Pass
		24		25.27	-4.10	19.02	<=38.45	Pass	
		821.5	12	0	24.12	-4.10	17.87	<=38.45	Pass
				6	24.11	-4.10	17.86	<=38.45	Pass
	13			24.12	-4.10	17.87	<=38.45	Pass	
	25		0	24.17	-4.10	17.92	<=38.45	Pass	
			1	0	24.06	-4.10	17.81	<=38.45	Pass
				13	24.27	-4.10	18.02	<=38.45	Pass
	24			24.44	-4.10	18.19	<=38.45	Pass	
16QAM	816.5		12	0	23.22	-4.10	16.97	<=38.45	Pass
				6	23.19	-4.10	16.94	<=38.45	Pass
		13		23.23	-4.10	16.98	<=38.45	Pass	
		25	0	23.23	-4.10	16.98	<=38.45	Pass	
			1	0	24.39	-4.10	18.14	<=38.45	Pass
				13	24.20	-4.10	17.95	<=38.45	Pass
		24		24.33	-4.10	18.08	<=38.45	Pass	
		819	12	0	23.19	-4.10	16.94	<=38.45	Pass
				6	23.12	-4.10	16.87	<=38.45	Pass
	13			23.19	-4.10	16.94	<=38.45	Pass	
	25		0	23.21	-4.10	16.96	<=38.45	Pass	
			1	0	24.34	-4.10	18.09	<=38.45	Pass
				13	24.29	-4.10	18.04	<=38.45	Pass
	24			24.32	-4.10	18.07	<=38.45	Pass	
	821.5		12	0	23.20	-4.10	16.95	<=38.45	Pass
				6	23.16	-4.10	16.91	<=38.45	Pass
		13		23.14	-4.10	16.89	<=38.45	Pass	



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64QAM	816.5	25	0	23.14	-4.10	16.89	<=38.45	Pass	
			1	0	23.62	-4.10	17.37	<=38.45	Pass
				13	23.77	-4.10	17.52	<=38.45	Pass
		24		23.68	-4.10	17.43	<=38.45	Pass	
		12	0	23.64	-4.10	17.39	<=38.45	Pass	
			6	23.76	-4.10	17.51	<=38.45	Pass	
	13		23.66	-4.10	17.41	<=38.45	Pass		
	25	1	0	23.63	-4.10	17.38	<=38.45	Pass	
			13	23.61	-4.10	17.36	<=38.45	Pass	
			24	23.59	-4.10	17.34	<=38.45	Pass	
	819	12	0	23.69	-4.10	17.44	<=38.45	Pass	
			6	23.58	-4.10	17.33	<=38.45	Pass	
			13	23.59	-4.10	17.34	<=38.45	Pass	
		25	0	23.59	-4.10	17.34	<=38.45	Pass	
			1	0	23.69	-4.10	17.44	<=38.45	Pass
			13	23.59	-4.10	17.34	<=38.45	Pass	
	821.5	12	24	23.56	-4.10	17.31	<=38.45	Pass	
			0	23.68	-4.10	17.43	<=38.45	Pass	
			6	23.56	-4.10	17.31	<=38.45	Pass	
		25	13	23.55	-4.10	17.30	<=38.45	Pass	
			0	23.67	-4.10	17.42	<=38.45	Pass	
			1	0	20.61	-4.10	14.36	<=38.45	Pass
	256QAM	816.5	1	13	20.66	-4.10	14.41	<=38.45	Pass
				24	20.23	-4.10	13.98	<=38.45	Pass
0				20.51	-4.10	14.26	<=38.45	Pass	
12			6	20.51	-4.10	14.26	<=38.45	Pass	
			13	20.50	-4.10	14.25	<=38.45	Pass	
			0	20.51	-4.10	14.26	<=38.45	Pass	
819		1	0	20.21	-4.10	13.96	<=38.45	Pass	
			13	20.47	-4.10	14.22	<=38.45	Pass	
			24	20.65	-4.10	14.40	<=38.45	Pass	
		12	0	20.48	-4.10	14.23	<=38.45	Pass	
			6	20.43	-4.10	14.18	<=38.45	Pass	
			13	20.45	-4.10	14.20	<=38.45	Pass	
821.5		1	25	20.48	-4.10	14.23	<=38.45	Pass	
			0	20.62	-4.10	14.37	<=38.45	Pass	
			13	20.16	-4.10	13.91	<=38.45	Pass	
		12	24	20.52	-4.10	14.27	<=38.45	Pass	
			0	20.48	-4.10	14.23	<=38.45	Pass	
			6	20.44	-4.10	14.19	<=38.45	Pass	
25		13	20.44	-4.10	14.19	<=38.45	Pass		
		0	20.44	-4.10	14.19	<=38.45	Pass		
		0	20.44	-4.10	14.19	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.4 B26a_10MHz_ERP

1.4.1 Test Result

Band: 26a / Bandwidth: 10MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	819	1	0	25.20	-4.10	18.95	<=38.45	Pass		
			25	25.13	-4.10	18.88	<=38.45	Pass		
			49	25.15	-4.10	18.90	<=38.45	Pass		
		25	0	24.16	-4.10	17.91	<=38.45	Pass		
			13	24.16	-4.10	17.91	<=38.45	Pass		
			25	24.16	-4.10	17.91	<=38.45	Pass		
		50	0	24.17	-4.10	17.92	<=38.45	Pass		
		16QAM	819	1	0	24.38	-4.10	18.13	<=38.45	Pass
					25	24.33	-4.10	18.08	<=38.45	Pass
49	24.14				-4.10	17.89	<=38.45	Pass		
25	0			23.16	-4.10	16.91	<=38.45	Pass		
	13			23.17	-4.10	16.92	<=38.45	Pass		
	25			23.16	-4.10	16.91	<=38.45	Pass		
50	0			23.15	-4.10	16.90	<=38.45	Pass		
64QAM	819			1	0	23.46	-4.10	17.21	<=38.45	Pass
					25	23.47	-4.10	17.22	<=38.45	Pass
		49	23.68		-4.10	17.43	<=38.45	Pass		
		25	0	23.45	-4.10	17.20	<=38.45	Pass		
			13	23.47	-4.10	17.22	<=38.45	Pass		
			25	23.66	-4.10	17.41	<=38.45	Pass		
		50	0	23.44	-4.10	17.19	<=38.45	Pass		
		256QAM	819	1	0	20.96	-4.10	14.71	<=38.45	Pass
					25	20.52	-4.10	14.27	<=38.45	Pass
49	20.29				-4.10	14.04	<=38.45	Pass		
25	0			20.48	-4.10	14.23	<=38.45	Pass		
	13			20.52	-4.10	14.27	<=38.45	Pass		
	25			20.45	-4.10	14.20	<=38.45	Pass		
50	0			20.46	-4.10	14.21	<=38.45	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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2. Frequency Stability

2.1 B26a_1.4MHz

2.1.1 Test Result

Band: 26a / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	814.7	6	0	20	3.6	4.778	0.0059	-2.5 to 2.5	Pass
					3.84	14.176	0.0174	-2.5 to 2.5	Pass
					4.25	22.588	0.0277	-2.5 to 2.5	Pass
				-30	3.84	26.135	0.0321	-2.5 to 2.5	Pass
				-20	3.84	25.177	0.0309	-2.5 to 2.5	Pass
				-10	3.84	18.668	0.0229	-2.5 to 2.5	Pass
				0	3.84	11.458	0.0141	-2.5 to 2.5	Pass
				10	3.84	1.817	0.0022	-2.5 to 2.5	Pass
				30	3.84	-6.523	-0.0080	-2.5 to 2.5	Pass
				40	3.84	-17.166	-0.0211	-2.5 to 2.5	Pass
	50	3.84	-25.620	-0.0314	-2.5 to 2.5	Pass			
	819	6	0	20	3.6	-3.304	-0.0040	-2.5 to 2.5	Pass
					3.84	-5.035	-0.0061	-2.5 to 2.5	Pass
					4.25	-5.622	-0.0069	-2.5 to 2.5	Pass
				-30	3.84	-4.091	-0.0050	-2.5 to 2.5	Pass
				-20	3.84	-3.633	-0.0044	-2.5 to 2.5	Pass
				-10	3.84	-4.163	-0.0051	-2.5 to 2.5	Pass
				0	3.84	-5.093	-0.0062	-2.5 to 2.5	Pass
				10	3.84	-6.380	-0.0078	-2.5 to 2.5	Pass
				30	3.84	-8.097	-0.0099	-2.5 to 2.5	Pass
				40	3.84	-8.898	-0.0109	-2.5 to 2.5	Pass
	50	3.84	-10.743	-0.0131	-2.5 to 2.5	Pass			
	823.3	6	0	20	3.6	0.715	0.0009	-2.5 to 2.5	Pass
					3.84	0.715	0.0009	-2.5 to 2.5	Pass
					4.25	-1.159	-0.0014	-2.5 to 2.5	Pass
				-30	3.84	-1.874	-0.0023	-2.5 to 2.5	Pass
				-20	3.84	-4.392	-0.0053	-2.5 to 2.5	Pass
				-10	3.84	-8.626	-0.0105	-2.5 to 2.5	Pass
				0	3.84	-12.760	-0.0155	-2.5 to 2.5	Pass
				10	3.84	-17.781	-0.0216	-2.5 to 2.5	Pass
30				3.84	-23.088	-0.0280	-2.5 to 2.5	Pass	
40				3.84	-28.682	-0.0348	-2.5 to 2.5	Pass	
50	3.84	-33.717	-0.0410	-2.5 to 2.5	Pass				
16QAM	814.7	6	0	20	3.6	0.157	0.0002	-2.5 to 2.5	Pass
					3.84	-5.136	-0.0063	-2.5 to 2.5	Pass
					4.25	-6.237	-0.0077	-2.5 to 2.5	Pass
				-30	3.84	-3.304	-0.0041	-2.5 to 2.5	Pass
				-20	3.84	-1.087	-0.0013	-2.5 to 2.5	Pass
				-10	3.84	0.787	0.0010	-2.5 to 2.5	Pass



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Table with 10 columns: Test Item, Test Method, Test Result, Test Value, Test Unit, Test Standard, Test Condition, Test Date, Test Status, Test Remark. Rows include test items 819, 823.3, 814.7, and 819 under the 64QAM category.



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	823.3	6	0	20	3.6	2.421	0.0029	-2.5 to 2.5	Pass
					3.84	-5.561	-0.0068	-2.5 to 2.5	Pass
					4.25	-9.662	-0.0117	-2.5 to 2.5	Pass
				-30	3.84	-14.236	-0.0173	-2.5 to 2.5	Pass
					-20	3.84	-24.386	-0.0296	-2.5 to 2.5
				-10	3.84	-33.247	-0.0404	-2.5 to 2.5	Pass
					0	3.84	-40.713	-0.0495	-2.5 to 2.5
				10	3.84	-50.203	-0.0610	-2.5 to 2.5	Pass
					30	3.84	-57.623	-0.0700	-2.5 to 2.5
				40	3.84	-65.891	-0.0800	-2.5 to 2.5	Pass
50	3.84	-74.850	-0.0909		-2.5 to 2.5	Pass			
256QAM	814.7	6	0	20	3.6	-5.918	-0.0073	-2.5 to 2.5	Pass
					3.84	-18.944	-0.0233	-2.5 to 2.5	Pass
					4.25	-23.445	-0.0288	-2.5 to 2.5	Pass
				-30	3.84	-25.570	-0.0314	-2.5 to 2.5	Pass
					-20	3.84	-25.652	-0.0315	-2.5 to 2.5
				-10	3.84	-26.087	-0.0320	-2.5 to 2.5	Pass
					0	3.84	-24.841	-0.0305	-2.5 to 2.5
				10	3.84	-24.879	-0.0305	-2.5 to 2.5	Pass
					30	3.84	-24.184	-0.0297	-2.5 to 2.5
				40	3.84	-24.092	-0.0296	-2.5 to 2.5	Pass
	50	3.84	-24.054		-0.0295	-2.5 to 2.5	Pass		
	819	6	0	20	3.6	5.624	0.0069	-2.5 to 2.5	Pass
					3.84	2.018	0.0025	-2.5 to 2.5	Pass
					4.25	4.476	0.0055	-2.5 to 2.5	Pass
				-30	3.84	9.667	0.0118	-2.5 to 2.5	Pass
					-20	3.84	13.397	0.0164	-2.5 to 2.5
				-10	3.84	17.569	0.0215	-2.5 to 2.5	Pass
					0	3.84	19.128	0.0234	-2.5 to 2.5
10				3.84	19.652	0.0240	-2.5 to 2.5	Pass	
	30	3.84	23.077	0.0282	-2.5 to 2.5	Pass			
40	3.84	26.107	0.0319	-2.5 to 2.5	Pass				
	50	3.84	27.673	0.0338	-2.5 to 2.5	Pass			
823.3	6	0	20	3.6	-5.957	-0.0072	-2.5 to 2.5	Pass	
				3.84	-11.537	-0.0140	-2.5 to 2.5	Pass	
				4.25	-7.937	-0.0096	-2.5 to 2.5	Pass	
			-30	3.84	-2.475	-0.0030	-2.5 to 2.5	Pass	
				-20	3.84	3.233	0.0039	-2.5 to 2.5	Pass
			-10	3.84	8.772	0.0107	-2.5 to 2.5	Pass	
				0	3.84	13.117	0.0159	-2.5 to 2.5	Pass
			10	3.84	16.957	0.0206	-2.5 to 2.5	Pass	
				30	3.84	21.019	0.0255	-2.5 to 2.5	Pass
			40	3.84	24.645	0.0299	-2.5 to 2.5	Pass	
50	3.84	26.609		0.0323	-2.5 to 2.5	Pass			



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2.2 B26a_3MHz

2.2.1 Test Result

Band: 26a / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	815.5	15	0	20	3.6	18.897	0.0232	-2.5 to 2.5	Pass	
					3.84	19.884	0.0244	-2.5 to 2.5	Pass	
					4.25	17.653	0.0216	-2.5 to 2.5	Pass	
				-30	3.84	15.078	0.0185	-2.5 to 2.5	Pass	
					-20	3.84	10.457	0.0128	-2.5 to 2.5	Pass
						-10	3.84	1.731	0.0021	-2.5 to 2.5
				0	3.84	-9.527	-0.0117	-2.5 to 2.5	Pass	
				10	3.84	-20.370	-0.0250	-2.5 to 2.5	Pass	
				30	3.84	-31.729	-0.0389	-2.5 to 2.5	Pass	
	40	3.84	-42.744	-0.0524	-2.5 to 2.5	Pass				
	50	3.84	-53.158	-0.0652	-2.5 to 2.5	Pass				
	819	15	0	20	3.6	0.143	0.0002	-2.5 to 2.5	Pass	
					3.84	-1.159	-0.0014	-2.5 to 2.5	Pass	
					4.25	-0.901	-0.0011	-2.5 to 2.5	Pass	
				-30	3.84	-2.003	-0.0024	-2.5 to 2.5	Pass	
					-20	3.84	-3.390	-0.0041	-2.5 to 2.5	Pass
						-10	3.84	-4.621	-0.0056	-2.5 to 2.5
				0	3.84	-6.752	-0.0082	-2.5 to 2.5	Pass	
				10	3.84	-10.185	-0.0124	-2.5 to 2.5	Pass	
				30	3.84	-12.946	-0.0158	-2.5 to 2.5	Pass	
	40	3.84	-16.093	-0.0196	-2.5 to 2.5	Pass				
	50	3.84	-18.926	-0.0231	-2.5 to 2.5	Pass				
	822.5	15	0	20	3.6	2.017	0.0025	-2.5 to 2.5	Pass	
					3.84	1.674	0.0020	-2.5 to 2.5	Pass	
					4.25	1.717	0.0021	-2.5 to 2.5	Pass	
				-30	3.84	0.601	0.0007	-2.5 to 2.5	Pass	
					-20	3.84	-2.303	-0.0028	-2.5 to 2.5	Pass
-10						3.84	-5.193	-0.0063	-2.5 to 2.5	Pass
0				3.84	-10.142	-0.0123	-2.5 to 2.5	Pass		
10				3.84	-13.833	-0.0168	-2.5 to 2.5	Pass		
30				3.84	-20.514	-0.0249	-2.5 to 2.5	Pass		
40	3.84	-26.093	-0.0317	-2.5 to 2.5	Pass					
50	3.84	-31.414	-0.0382	-2.5 to 2.5	Pass					
16QAM	815.5	15	0	20	3.6	-6.609	-0.0081	-2.5 to 2.5	Pass	
					3.84	-10.414	-0.0128	-2.5 to 2.5	Pass	
					4.25	-12.431	-0.0152	-2.5 to 2.5	Pass	
				-30	3.84	-11.773	-0.0144	-2.5 to 2.5	Pass	
					-20	3.84	-11.144	-0.0137	-2.5 to 2.5	Pass
				-10	3.84	-10.271	-0.0126	-2.5 to 2.5	Pass	
				0	3.84	-9.384	-0.0115	-2.5 to 2.5	Pass	
10	3.84	-9.398	-0.0115	-2.5 to 2.5	Pass					



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64QAM	819	15	0	30	3.84	-9.556	-0.0117	-2.5 to 2.5	Pass		
				40	3.84	-8.497	-0.0104	-2.5 to 2.5	Pass		
				50	3.84	-7.725	-0.0095	-2.5 to 2.5	Pass		
				20	3.6	-3.405	-0.0042	-2.5 to 2.5	Pass		
					3.84	-4.048	-0.0049	-2.5 to 2.5	Pass		
					4.25	-1.416	-0.0017	-2.5 to 2.5	Pass		
				-30	3.84	2.503	0.0031	-2.5 to 2.5	Pass		
				-20	3.84	5.622	0.0069	-2.5 to 2.5	Pass		
				-10	3.84	8.955	0.0109	-2.5 to 2.5	Pass		
				0	3.84	11.530	0.0141	-2.5 to 2.5	Pass		
				10	3.84	11.573	0.0141	-2.5 to 2.5	Pass		
				30	3.84	13.032	0.0159	-2.5 to 2.5	Pass		
				40	3.84	15.321	0.0187	-2.5 to 2.5	Pass		
				50	3.84	16.708	0.0204	-2.5 to 2.5	Pass		
				822.5	15	0	20	3.6	-3.791	-0.0046	-2.5 to 2.5
	3.84	-4.735	-0.0058					-2.5 to 2.5	Pass		
	4.25	-4.091	-0.0050					-2.5 to 2.5	Pass		
	-30	3.84	-1.230				-0.0015	-2.5 to 2.5	Pass		
	-20	3.84	2.789				0.0034	-2.5 to 2.5	Pass		
	-10	3.84	4.921				0.0060	-2.5 to 2.5	Pass		
	0	3.84	7.524				0.0091	-2.5 to 2.5	Pass		
	10	3.84	9.856				0.0120	-2.5 to 2.5	Pass		
	30	3.84	10.643				0.0129	-2.5 to 2.5	Pass		
	40	3.84	11.973				0.0146	-2.5 to 2.5	Pass		
	50	3.84	13.475	0.0164	-2.5 to 2.5	Pass					
815.5	15	0	20	3.6	13.266	0.0163	-2.5 to 2.5	Pass			
				3.84	15.410	0.0189	-2.5 to 2.5	Pass			
				4.25	17.179	0.0211	-2.5 to 2.5	Pass			
			-30	3.84	14.358	0.0176	-2.5 to 2.5	Pass			
			-20	3.84	9.650	0.0118	-2.5 to 2.5	Pass			
			-10	3.84	2.856	0.0035	-2.5 to 2.5	Pass			
			0	3.84	-4.392	-0.0054	-2.5 to 2.5	Pass			
			10	3.84	-11.519	-0.0141	-2.5 to 2.5	Pass			
			30	3.84	-19.577	-0.0240	-2.5 to 2.5	Pass			
			40	3.84	-27.105	-0.0332	-2.5 to 2.5	Pass			
			50	3.84	-35.304	-0.0433	-2.5 to 2.5	Pass			
			819	15	0	20	3.6	0.378	0.0005	-2.5 to 2.5	Pass
							3.84	-3.942	-0.0048	-2.5 to 2.5	Pass
							4.25	-8.743	-0.0107	-2.5 to 2.5	Pass
						-30	3.84	-17.517	-0.0214	-2.5 to 2.5	Pass
-20	3.84	-25.418				-0.0310	-2.5 to 2.5	Pass			
-10	3.84	-32.156				-0.0393	-2.5 to 2.5	Pass			
0	3.84	-35.660				-0.0435	-2.5 to 2.5	Pass			
10	3.84	-43.549				-0.0532	-2.5 to 2.5	Pass			
30	3.84	-47.561				-0.0581	-2.5 to 2.5	Pass			
40	3.84	-48.684				-0.0594	-2.5 to 2.5	Pass			
50	3.84	-50.904	-0.0622	-2.5 to 2.5	Pass						
822.5	15	0	20	3.6	-2.256	-0.0027	-2.5 to 2.5	Pass			
				3.84	-6.899	-0.0084	-2.5 to 2.5	Pass			



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					4.25	-17.931	-0.0218	-2.5 to 2.5	Pass
				-30	3.84	-23.546	-0.0286	-2.5 to 2.5	Pass
				-20	3.84	-27.741	-0.0337	-2.5 to 2.5	Pass
				-10	3.84	-31.745	-0.0386	-2.5 to 2.5	Pass
				0	3.84	-37.206	-0.0452	-2.5 to 2.5	Pass
				10	3.84	-43.863	-0.0533	-2.5 to 2.5	Pass
				30	3.84	-49.361	-0.0600	-2.5 to 2.5	Pass
				40	3.84	-55.233	-0.0672	-2.5 to 2.5	Pass
				50	3.84	-60.205	-0.0732	-2.5 to 2.5	Pass
256QAM	815.5	15	0	20	3.6	-6.532	-0.0080	-2.5 to 2.5	Pass
					3.84	-8.458	-0.0104	-2.5 to 2.5	Pass
					4.25	-4.464	-0.0055	-2.5 to 2.5	Pass
				-30	3.84	2.024	0.0025	-2.5 to 2.5	Pass
				-20	3.84	8.501	0.0104	-2.5 to 2.5	Pass
				-10	3.84	15.252	0.0187	-2.5 to 2.5	Pass
				0	3.84	21.385	0.0262	-2.5 to 2.5	Pass
				10	3.84	25.310	0.0310	-2.5 to 2.5	Pass
				30	3.84	30.456	0.0373	-2.5 to 2.5	Pass
				40	3.84	35.007	0.0429	-2.5 to 2.5	Pass
				50	3.84	39.701	0.0487	-2.5 to 2.5	Pass
				819	15	0	20	3.6	1.066
	3.84	0.183	0.0002					-2.5 to 2.5	Pass
	4.25	6.864	0.0084					-2.5 to 2.5	Pass
	-30	3.84	15.320				0.0187	-2.5 to 2.5	Pass
	-20	3.84	22.994				0.0281	-2.5 to 2.5	Pass
	-10	3.84	29.717				0.0363	-2.5 to 2.5	Pass
	0	3.84	33.543				0.0410	-2.5 to 2.5	Pass
	10	3.84	39.768				0.0486	-2.5 to 2.5	Pass
	30	3.84	45.090				0.0551	-2.5 to 2.5	Pass
	40	3.84	49.621				0.0606	-2.5 to 2.5	Pass
	50	3.84	53.680				0.0655	-2.5 to 2.5	Pass
	822.5	15	0				20	3.6	-0.794
				3.84	-2.716	-0.0033		-2.5 to 2.5	Pass
				4.25	2.719	0.0033		-2.5 to 2.5	Pass
				-30	3.84	10.340	0.0126	-2.5 to 2.5	Pass
				-20	3.84	16.600	0.0202	-2.5 to 2.5	Pass
				-10	3.84	21.969	0.0267	-2.5 to 2.5	Pass
0				3.84	26.382	0.0321	-2.5 to 2.5	Pass	
10				3.84	31.481	0.0383	-2.5 to 2.5	Pass	
30				3.84	35.181	0.0428	-2.5 to 2.5	Pass	
40				3.84	39.057	0.0475	-2.5 to 2.5	Pass	
50				3.84	42.697	0.0519	-2.5 to 2.5	Pass	



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2.3 B26a_5MHz

2.3.1 Test Result

Band: 26a / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	816.5	25	0	20	3.6	21.601	0.0265	-2.5 to 2.5	Pass	
					3.84	27.223	0.0333	-2.5 to 2.5	Pass	
					4.25	30.270	0.0371	-2.5 to 2.5	Pass	
				-30	3.84	32.358	0.0396	-2.5 to 2.5	Pass	
					-20	3.84	30.828	0.0378	-2.5 to 2.5	Pass
						-10	3.84	28.338	0.0347	-2.5 to 2.5
				0	3.84	23.732	0.0291	-2.5 to 2.5	Pass	
				10	3.84	17.581	0.0215	-2.5 to 2.5	Pass	
				30	3.84	10.142	0.0124	-2.5 to 2.5	Pass	
	40	3.84	2.847	0.0035	-2.5 to 2.5	Pass				
	50	3.84	-2.189	-0.0027	-2.5 to 2.5	Pass				
	819	25	0	20	3.6	-5.407	-0.0066	-2.5 to 2.5	Pass	
					3.84	-7.367	-0.0090	-2.5 to 2.5	Pass	
					4.25	-6.638	-0.0081	-2.5 to 2.5	Pass	
				-30	3.84	-6.423	-0.0078	-2.5 to 2.5	Pass	
					-20	3.84	-6.852	-0.0084	-2.5 to 2.5	Pass
						-10	3.84	-7.639	-0.0093	-2.5 to 2.5
				0	3.84	-9.484	-0.0116	-2.5 to 2.5	Pass	
				10	3.84	-11.573	-0.0141	-2.5 to 2.5	Pass	
				30	3.84	-12.889	-0.0157	-2.5 to 2.5	Pass	
	40	3.84	-14.563	-0.0178	-2.5 to 2.5	Pass				
	50	3.84	-18.525	-0.0226	-2.5 to 2.5	Pass				
	821.5	25	0	20	3.6	-4.020	-0.0049	-2.5 to 2.5	Pass	
					3.84	-4.435	-0.0054	-2.5 to 2.5	Pass	
					4.25	-4.277	-0.0052	-2.5 to 2.5	Pass	
				-30	3.84	-5.035	-0.0061	-2.5 to 2.5	Pass	
					-20	3.84	-6.866	-0.0084	-2.5 to 2.5	Pass
-10						3.84	-10.028	-0.0122	-2.5 to 2.5	Pass
0				3.84	-14.377	-0.0175	-2.5 to 2.5	Pass		
10				3.84	-17.910	-0.0218	-2.5 to 2.5	Pass		
30				3.84	-22.044	-0.0268	-2.5 to 2.5	Pass		
40	3.84	-27.623	-0.0336	-2.5 to 2.5	Pass					
50	3.84	-32.873	-0.0400	-2.5 to 2.5	Pass					
16QAM	816.5	25	0	20	3.6	-2.089	-0.0026	-2.5 to 2.5	Pass	
					3.84	-5.407	-0.0066	-2.5 to 2.5	Pass	
					4.25	-4.792	-0.0059	-2.5 to 2.5	Pass	
				-30	3.84	-3.676	-0.0045	-2.5 to 2.5	Pass	
					-20	3.84	0.801	0.0010	-2.5 to 2.5	Pass
				-10	3.84	4.578	0.0056	-2.5 to 2.5	Pass	
				0	3.84	5.965	0.0073	-2.5 to 2.5	Pass	
10	3.84	8.783	0.0108	-2.5 to 2.5	Pass					



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64QAM	819	25	0	30	3.84	11.044	0.0135	-2.5 to 2.5	Pass			
				40	3.84	12.460	0.0153	-2.5 to 2.5	Pass			
				50	3.84	14.048	0.0172	-2.5 to 2.5	Pass			
				20	3.6	-0.215	-0.0003	-2.5 to 2.5	Pass			
					3.84	-1.230	-0.0015	-2.5 to 2.5	Pass			
					4.25	2.632	0.0032	-2.5 to 2.5	Pass			
				-30	3.84	6.537	0.0080	-2.5 to 2.5	Pass			
				-20	3.84	10.099	0.0123	-2.5 to 2.5	Pass			
				-10	3.84	13.261	0.0162	-2.5 to 2.5	Pass			
				0	3.84	16.565	0.0202	-2.5 to 2.5	Pass			
				10	3.84	18.682	0.0228	-2.5 to 2.5	Pass			
				30	3.84	21.687	0.0265	-2.5 to 2.5	Pass			
				40	3.84	23.575	0.0288	-2.5 to 2.5	Pass			
				50	3.84	24.962	0.0305	-2.5 to 2.5	Pass			
				821.5	25	0	20	3.6	-4.177	-0.0051	-2.5 to 2.5	Pass
	3.84	-5.765	-0.0070					-2.5 to 2.5	Pass			
	4.25	-4.063	-0.0049					-2.5 to 2.5	Pass			
	-30	3.84	-0.272				-0.0003	-2.5 to 2.5	Pass			
	-20	3.84	2.818				0.0034	-2.5 to 2.5	Pass			
	-10	3.84	6.638				0.0081	-2.5 to 2.5	Pass			
	0	3.84	9.713				0.0118	-2.5 to 2.5	Pass			
	10	3.84	13.332				0.0162	-2.5 to 2.5	Pass			
	30	3.84	15.779				0.0192	-2.5 to 2.5	Pass			
	40	3.84	18.153				0.0221	-2.5 to 2.5	Pass			
	50	3.84	19.140				0.0233	-2.5 to 2.5	Pass			
	816.5	25	0				20	3.6	15.191	0.0186	-2.5 to 2.5	Pass
								3.84	16.894	0.0207	-2.5 to 2.5	Pass
								4.25	17.435	0.0214	-2.5 to 2.5	Pass
							-30	3.84	15.698	0.0192	-2.5 to 2.5	Pass
				-20	3.84	11.543	0.0141	-2.5 to 2.5	Pass			
-10				3.84	5.740	0.0070	-2.5 to 2.5	Pass				
0				3.84	-0.695	-0.0009	-2.5 to 2.5	Pass				
10				3.84	-9.971	-0.0122	-2.5 to 2.5	Pass				
30				3.84	-17.652	-0.0216	-2.5 to 2.5	Pass				
40				3.84	-26.212	-0.0321	-2.5 to 2.5	Pass				
50				3.84	-33.306	-0.0408	-2.5 to 2.5	Pass				
819				25	0	20	3.6	-5.093	-0.0062	-2.5 to 2.5	Pass	
							3.84	-9.933	-0.0121	-2.5 to 2.5	Pass	
							4.25	-11.186	-0.0137	-2.5 to 2.5	Pass	
						-30	3.84	-13.311	-0.0163	-2.5 to 2.5	Pass	
	-20	3.84	-15.750			-0.0192	-2.5 to 2.5	Pass				
	-10	3.84	-19.293			-0.0236	-2.5 to 2.5	Pass				
	0	3.84	-21.814			-0.0266	-2.5 to 2.5	Pass				
	10	3.84	-25.716			-0.0314	-2.5 to 2.5	Pass				
	30	3.84	-30.327			-0.0370	-2.5 to 2.5	Pass				
	40	3.84	-33.636			-0.0411	-2.5 to 2.5	Pass				
	50	3.84	-36.214			-0.0442	-2.5 to 2.5	Pass				
	821.5	25	0			20	3.6	-1.569	-0.0019	-2.5 to 2.5	Pass	
							3.84	-6.677	-0.0081	-2.5 to 2.5	Pass	



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					4.25	-8.762	-0.0107	-2.5 to 2.5	Pass	
				-30	3.84	-11.737	-0.0143	-2.5 to 2.5	Pass	
				-20	3.84	-16.410	-0.0200	-2.5 to 2.5	Pass	
				-10	3.84	-22.239	-0.0271	-2.5 to 2.5	Pass	
				0	3.84	-28.148	-0.0343	-2.5 to 2.5	Pass	
				10	3.84	-33.934	-0.0413	-2.5 to 2.5	Pass	
				30	3.84	-38.503	-0.0469	-2.5 to 2.5	Pass	
				40	3.84	-44.486	-0.0542	-2.5 to 2.5	Pass	
				50	3.84	-49.620	-0.0604	-2.5 to 2.5	Pass	
256QAM	816.5	25	0	20	3.6	-2.435	-0.0030	-2.5 to 2.5	Pass	
					3.84	-5.131	-0.0063	-2.5 to 2.5	Pass	
					4.25	-0.359	-0.0004	-2.5 to 2.5	Pass	
				-30	3.84	6.340	0.0078	-2.5 to 2.5	Pass	
					-20	3.84	12.531	0.0153	-2.5 to 2.5	Pass
					-10	3.84	19.181	0.0235	-2.5 to 2.5	Pass
				0	3.84	24.692	0.0302	-2.5 to 2.5	Pass	
					10	3.84	30.449	0.0373	-2.5 to 2.5	Pass
					30	3.84	35.867	0.0439	-2.5 to 2.5	Pass
	40	3.84	41.973	0.0514	-2.5 to 2.5	Pass				
		50	3.84	46.028	0.0564	-2.5 to 2.5	Pass			
		20	3.6	-4.851	-0.0059	-2.5 to 2.5	Pass			
			3.84	-4.346	-0.0053	-2.5 to 2.5	Pass			
			4.25	2.749	0.0034	-2.5 to 2.5	Pass			
	-30	3.84	10.026	0.0122	-2.5 to 2.5	Pass				
		-20	3.84	16.841	0.0206	-2.5 to 2.5	Pass			
		-10	3.84	21.597	0.0264	-2.5 to 2.5	Pass			
	0	3.84	26.254	0.0321	-2.5 to 2.5	Pass				
		10	3.84	31.138	0.0380	-2.5 to 2.5	Pass			
		30	3.84	35.730	0.0436	-2.5 to 2.5	Pass			
	40	3.84	41.319	0.0505	-2.5 to 2.5	Pass				
		50	3.84	46.776	0.0571	-2.5 to 2.5	Pass			
		20	3.6	-2.348	-0.0029	-2.5 to 2.5	Pass			
			3.84	-2.429	-0.0030	-2.5 to 2.5	Pass			
			4.25	3.809	0.0046	-2.5 to 2.5	Pass			
	-30	3.84	11.605	0.0141	-2.5 to 2.5	Pass				
		-20	3.84	16.876	0.0205	-2.5 to 2.5	Pass			
-10		3.84	23.888	0.0291	-2.5 to 2.5	Pass				
0	3.84	29.611	0.0360	-2.5 to 2.5	Pass					
	10	3.84	35.618	0.0434	-2.5 to 2.5	Pass				
	30	3.84	40.605	0.0494	-2.5 to 2.5	Pass				
40	3.84	45.091	0.0549	-2.5 to 2.5	Pass					
	50	3.84	48.982	0.0596	-2.5 to 2.5	Pass				



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2.4 B26a_10MHz

2.4.1 Test Result

Band: 26a / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	819	50	0	20	3.6	-1.988	-0.0024	-2.5 to 2.5	Pass
					3.84	-3.591	-0.0044	-2.5 to 2.5	Pass
					4.25	-2.418	-0.0030	-2.5 to 2.5	Pass
				-30	3.84	-3.619	-0.0044	-2.5 to 2.5	Pass
				-20	3.84	-5.865	-0.0072	-2.5 to 2.5	Pass
				-10	3.84	-9.098	-0.0111	-2.5 to 2.5	Pass
				0	3.84	-12.331	-0.0151	-2.5 to 2.5	Pass
				10	3.84	-18.067	-0.0221	-2.5 to 2.5	Pass
				30	3.84	-21.544	-0.0263	-2.5 to 2.5	Pass
				40	3.84	-25.263	-0.0308	-2.5 to 2.5	Pass
50	3.84	-28.281	-0.0345	-2.5 to 2.5	Pass				
16QAM	819	50	0	20	3.6	-1.502	-0.0018	-2.5 to 2.5	Pass
					3.84	-3.691	-0.0045	-2.5 to 2.5	Pass
					4.25	-3.133	-0.0038	-2.5 to 2.5	Pass
				-30	3.84	5.422	0.0066	-2.5 to 2.5	Pass
				-20	3.84	11.473	0.0140	-2.5 to 2.5	Pass
				-10	3.84	16.179	0.0198	-2.5 to 2.5	Pass
				0	3.84	19.784	0.0242	-2.5 to 2.5	Pass
				10	3.84	23.875	0.0292	-2.5 to 2.5	Pass
				30	3.84	28.739	0.0351	-2.5 to 2.5	Pass
				40	3.84	30.398	0.0371	-2.5 to 2.5	Pass
50	3.84	32.659	0.0399	-2.5 to 2.5	Pass				
64QAM	819	50	0	20	3.6	-3.843	-0.0047	-2.5 to 2.5	Pass
					3.84	-6.358	-0.0078	-2.5 to 2.5	Pass
					4.25	-7.706	-0.0094	-2.5 to 2.5	Pass
				-30	3.84	-9.794	-0.0120	-2.5 to 2.5	Pass
				-20	3.84	-12.550	-0.0153	-2.5 to 2.5	Pass
				-10	3.84	-16.648	-0.0203	-2.5 to 2.5	Pass
				0	3.84	-19.590	-0.0239	-2.5 to 2.5	Pass
				10	3.84	-24.280	-0.0296	-2.5 to 2.5	Pass
				30	3.84	-28.201	-0.0344	-2.5 to 2.5	Pass
				40	3.84	-30.943	-0.0378	-2.5 to 2.5	Pass
50	3.84	-34.823	-0.0425	-2.5 to 2.5	Pass				
256QAM	819	50	0	20	3.6	-2.657	-0.0032	-2.5 to 2.5	Pass
					3.84	-1.920	-0.0023	-2.5 to 2.5	Pass
					4.25	4.489	0.0055	-2.5 to 2.5	Pass
				-30	3.84	10.538	0.0129	-2.5 to 2.5	Pass
				-20	3.84	16.174	0.0197	-2.5 to 2.5	Pass
				-10	3.84	22.422	0.0274	-2.5 to 2.5	Pass
				0	3.84	28.502	0.0348	-2.5 to 2.5	Pass
				10	3.84	33.634	0.0411	-2.5 to 2.5	Pass



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				30	3.84	37.424	0.0457	-2.5 to 2.5	Pass
				40	3.84	39.367	0.0481	-2.5 to 2.5	Pass
				50	3.84	44.373	0.0542	-2.5 to 2.5	Pass



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3. 99% & 26dB Bandwidth

3.1 Band26a_OBW

3.1.1 Test Result

Band: 26a / NTNv							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.112	/	Pass
		819	6	0	1.109	/	Pass
		823.3	6	0	1.118	/	Pass
	16QAM	814.7	6	0	1.114	/	Pass
		819	6	0	1.116	/	Pass
		823.3	6	0	1.111	/	Pass
	64QAM	814.7	6	0	1.117	/	Pass
		819	6	0	1.118	/	Pass
		823.3	6	0	1.120	/	Pass
	256QAM	814.7	6	0	1.103	/	Pass
		819	6	0	1.101	/	Pass
		823.3	6	0	1.116	/	Pass
3	QPSK	815.5	15	0	2.737	/	Pass
		819	15	0	2.731	/	Pass
		822.5	15	0	2.740	/	Pass
	16QAM	815.5	15	0	2.727	/	Pass
		819	15	0	2.738	/	Pass
		822.5	15	0	2.730	/	Pass
	64QAM	815.5	15	0	2.734	/	Pass
		819	15	0	2.724	/	Pass
		822.5	15	0	2.728	/	Pass
	256QAM	815.5	15	0	2.734	/	Pass
		819	15	0	2.737	/	Pass
		822.5	15	0	2.730	/	Pass
5	QPSK	816.5	25	0	4.555	/	Pass
		819	25	0	4.543	/	Pass
		821.5	25	0	4.552	/	Pass
	16QAM	816.5	25	0	4.554	/	Pass
		819	25	0	4.535	/	Pass
		821.5	25	0	4.557	/	Pass
	64QAM	816.5	25	0	4.541	/	Pass
		819	25	0	4.553	/	Pass
		821.5	25	0	4.543	/	Pass
	256QAM	816.5	25	0	4.547	/	Pass
		819	25	0	4.548	/	Pass
		821.5	25	0	4.546	/	Pass
10	QPSK	819	50	0	9.035	/	Pass
	16QAM	819	50	0	9.065	/	Pass
	64QAM	819	50	0	9.055	/	Pass



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	256QAM	819	50	0	9.010	/	Pass
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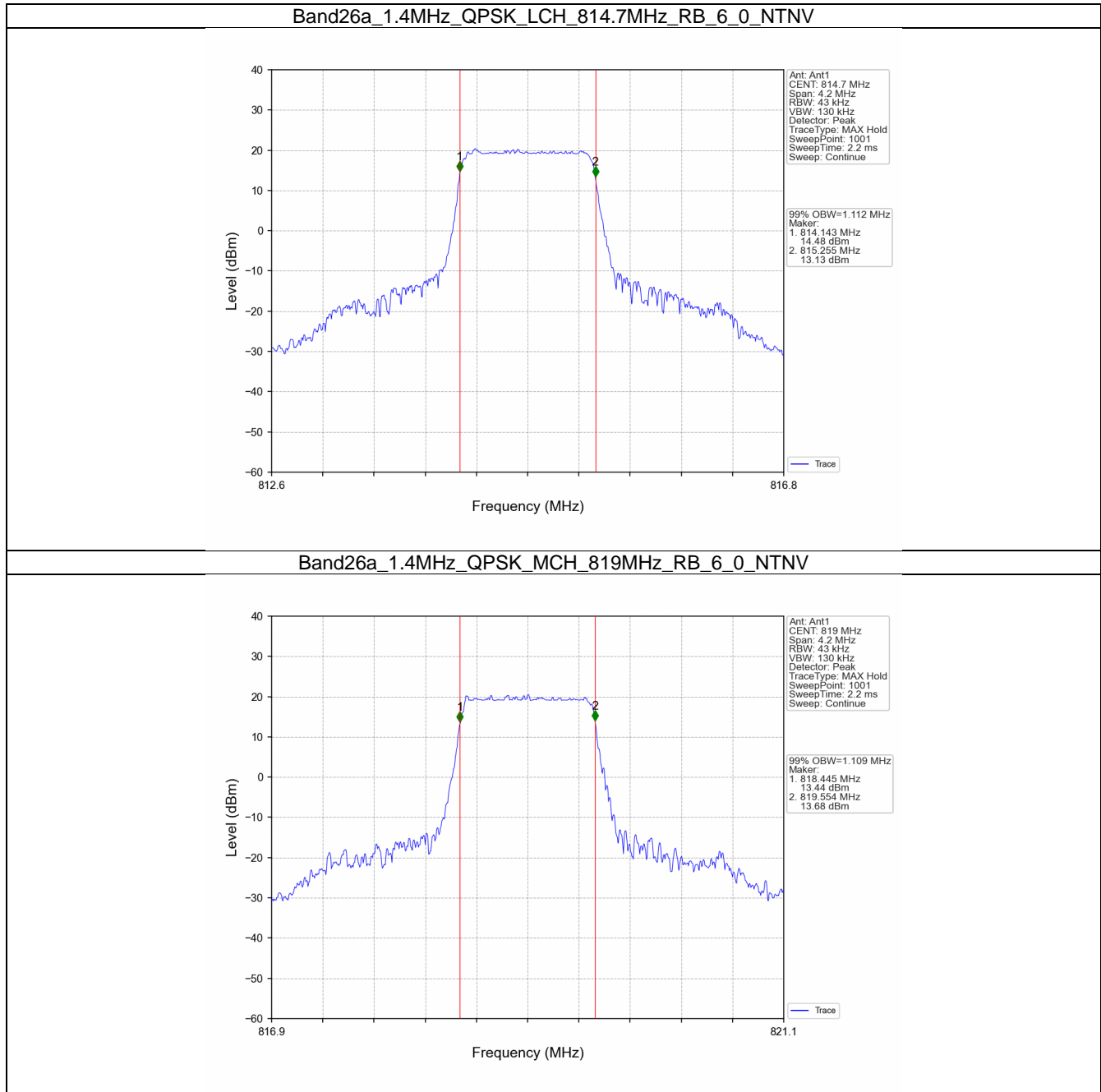
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3.1.2 Test Graph

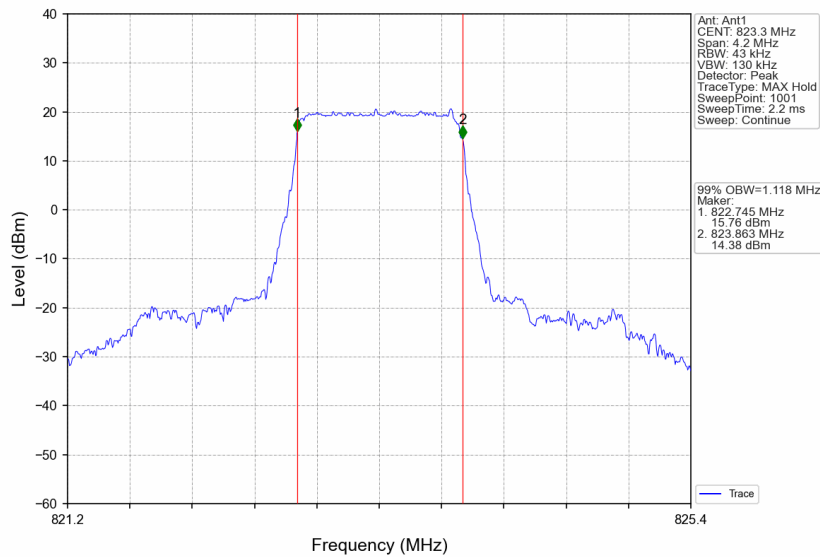


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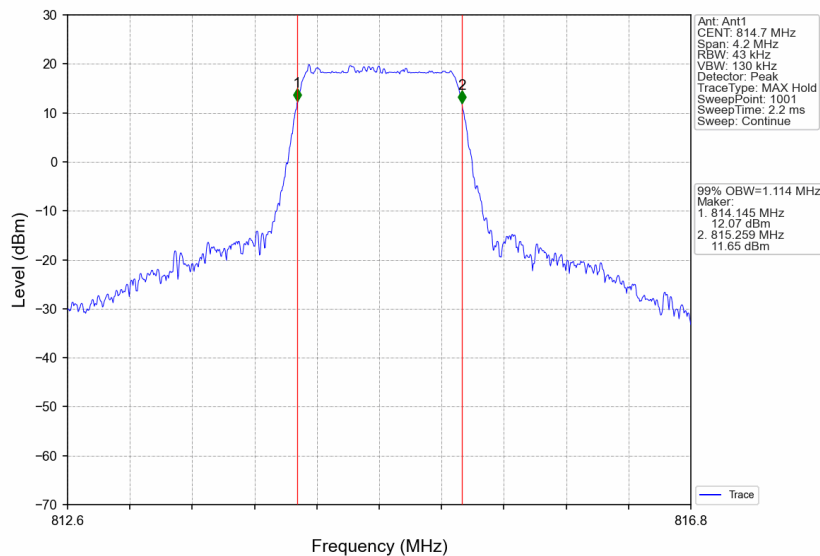
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Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV



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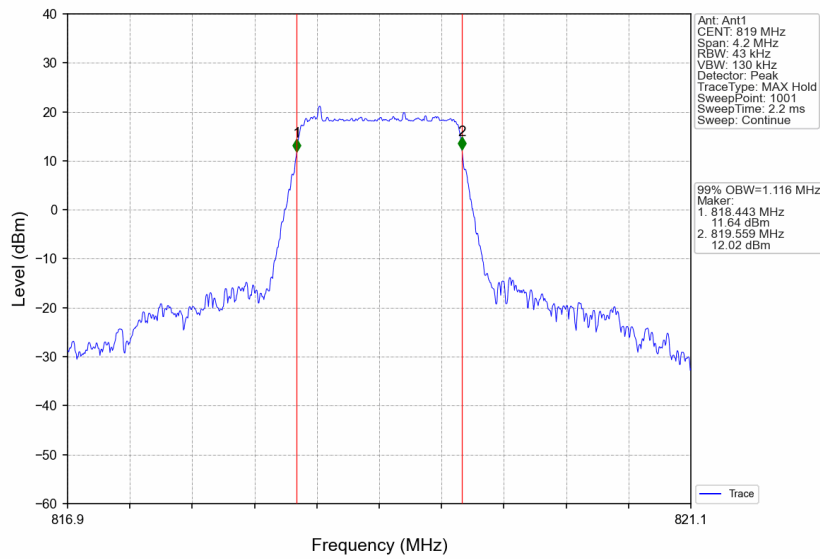
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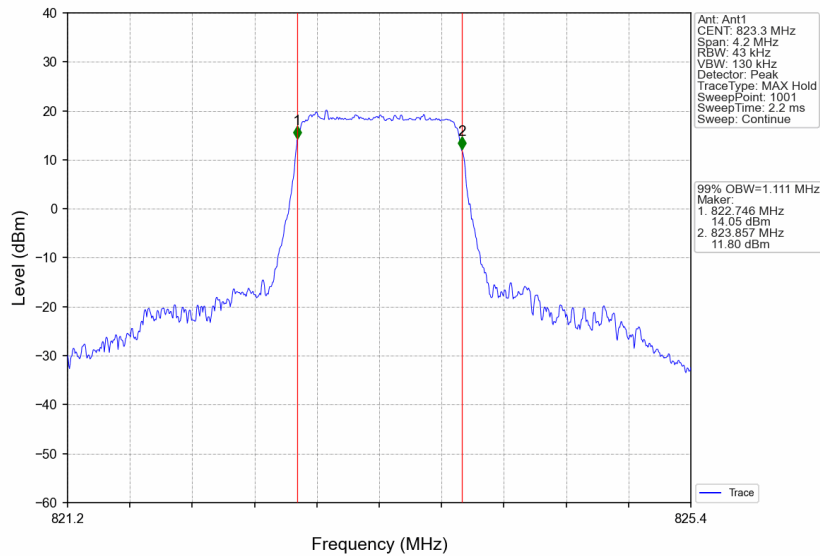
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Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

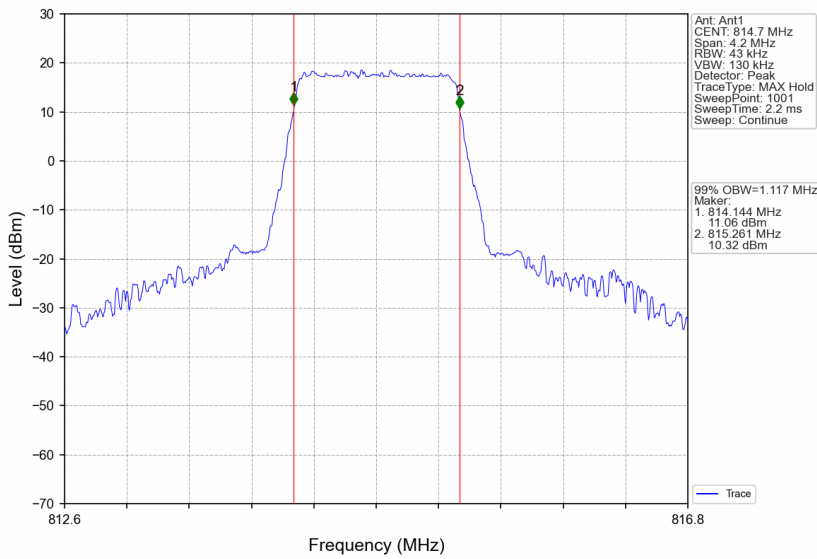


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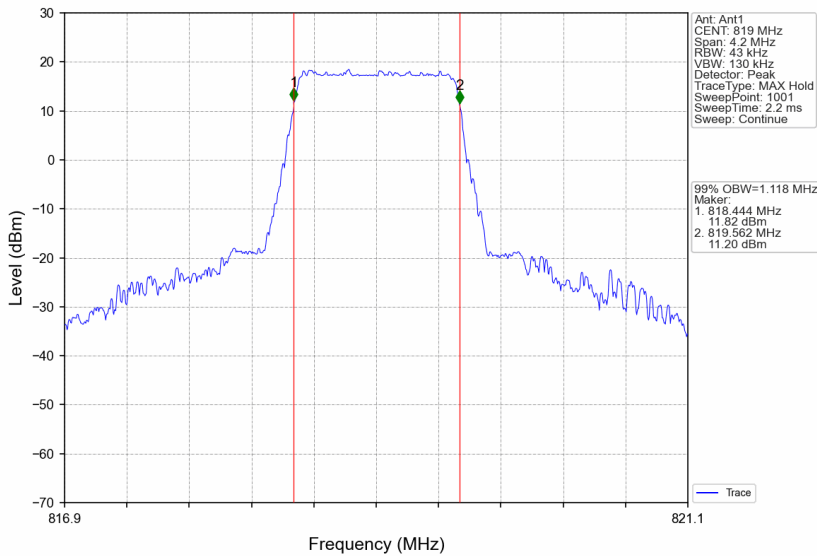
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Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV

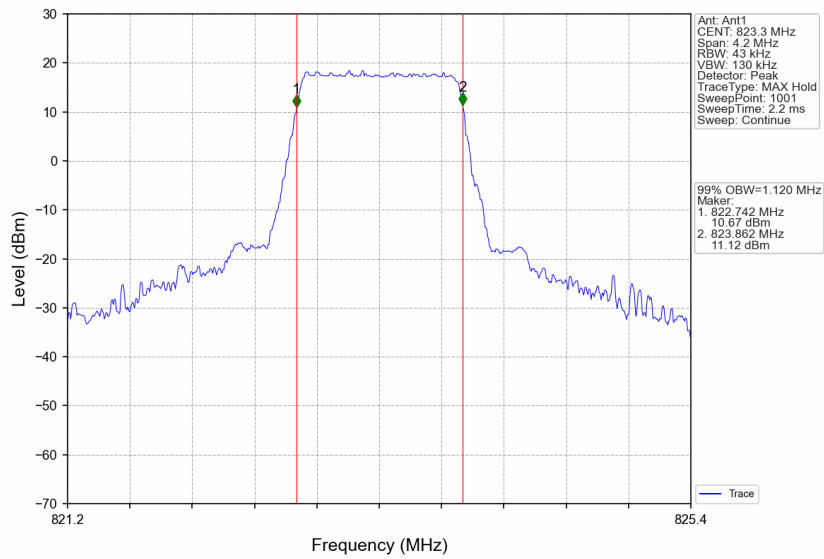


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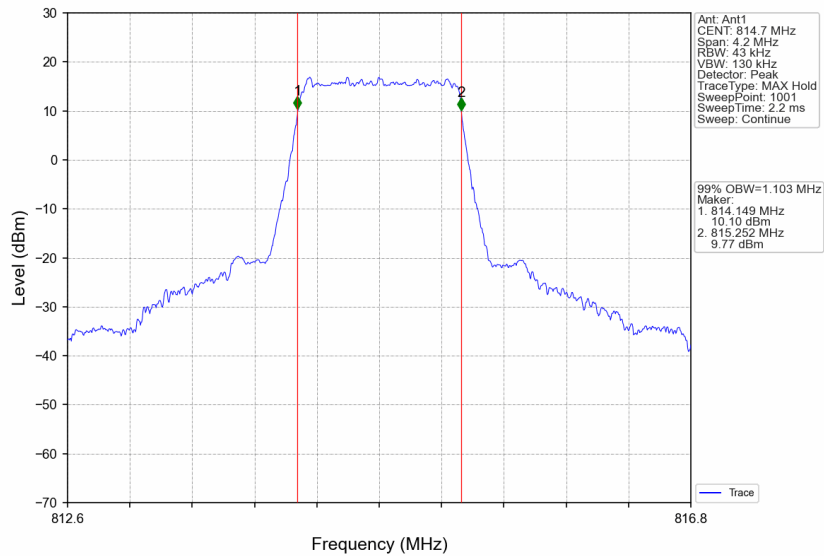
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Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV

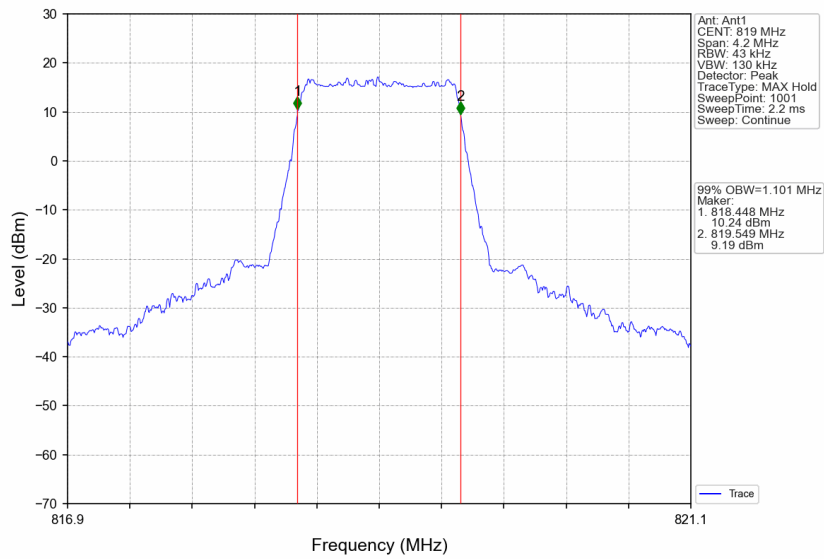


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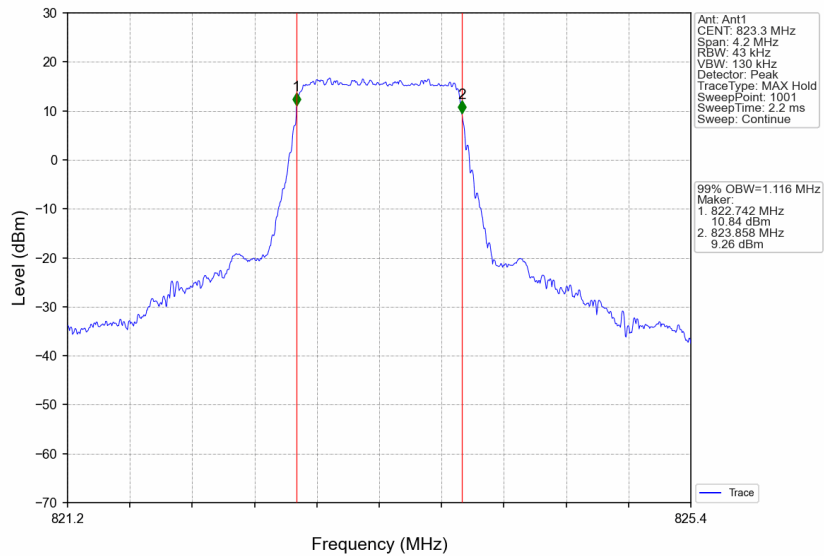
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Band26a_1.4MHz_256QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_HCH_823.3MHz_RB_6_0_NTNV

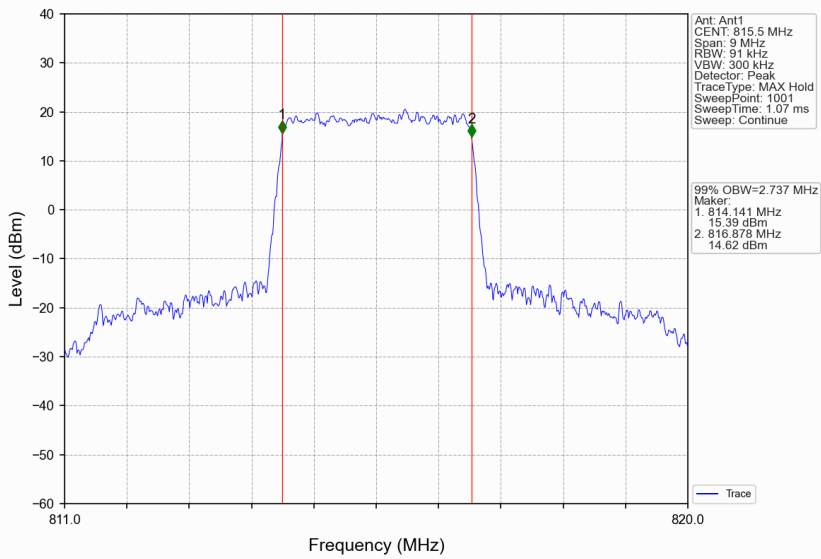


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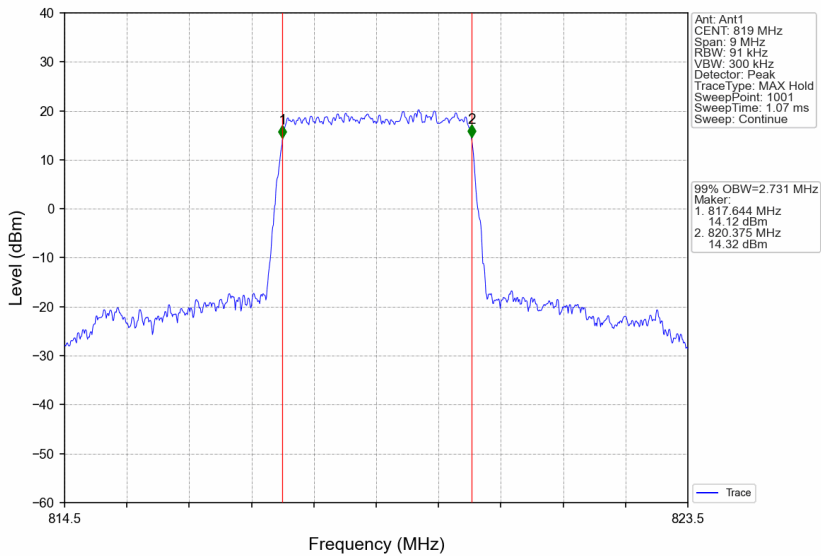
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Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



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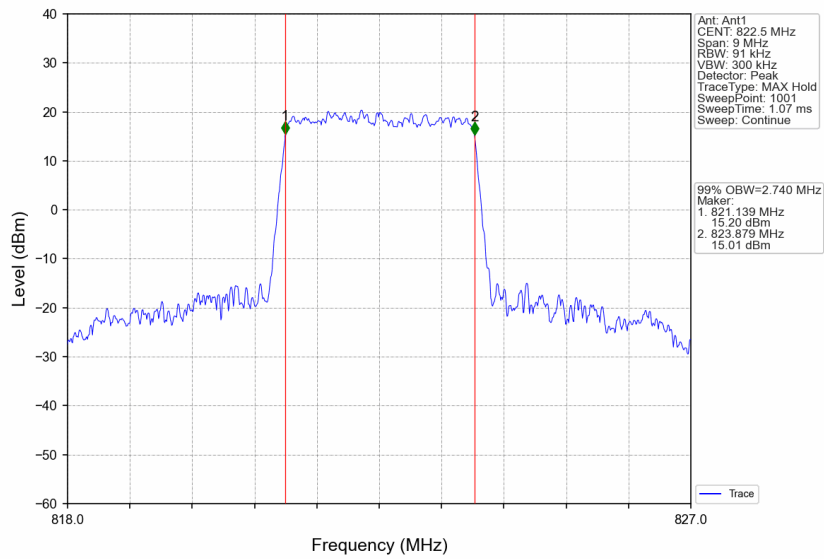
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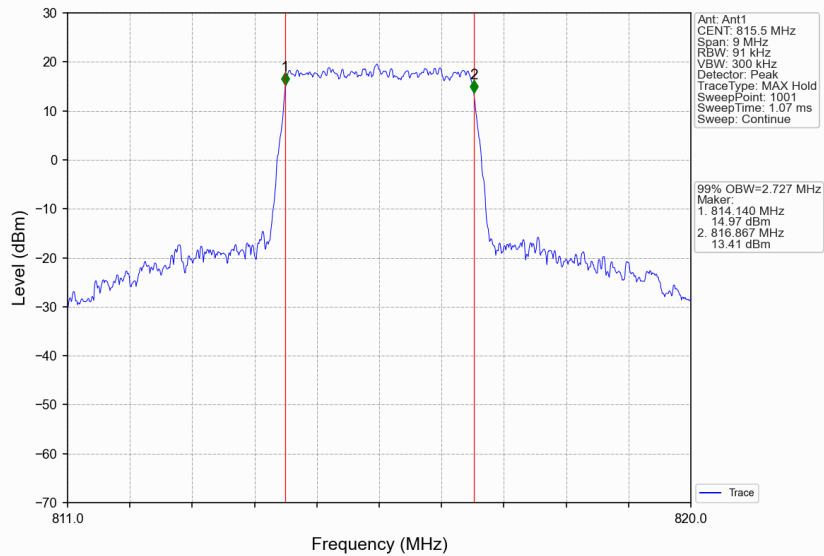
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Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV

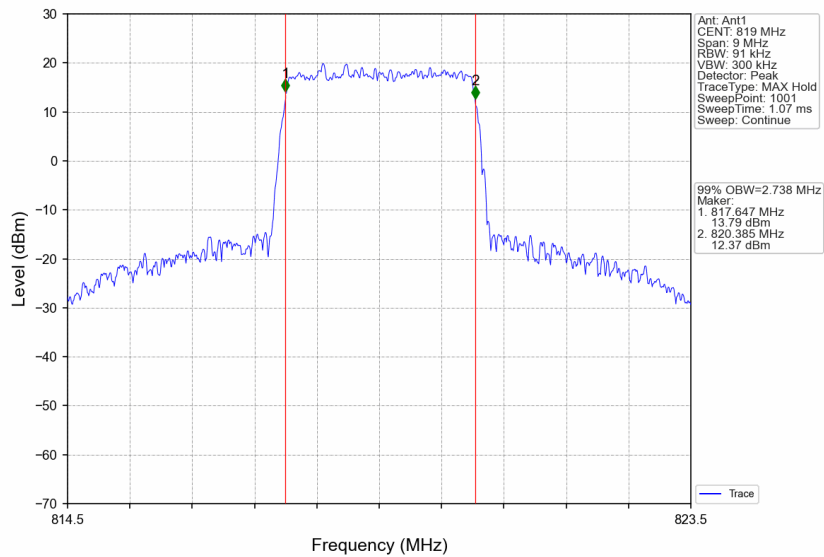


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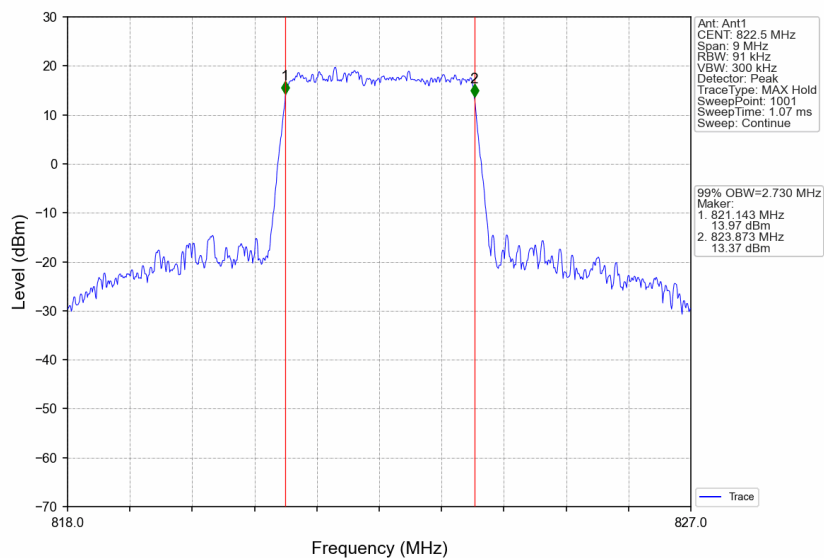
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Band26a_3MHz_16QAM_HCH_822.5MHz_RB_15_0_NTNV



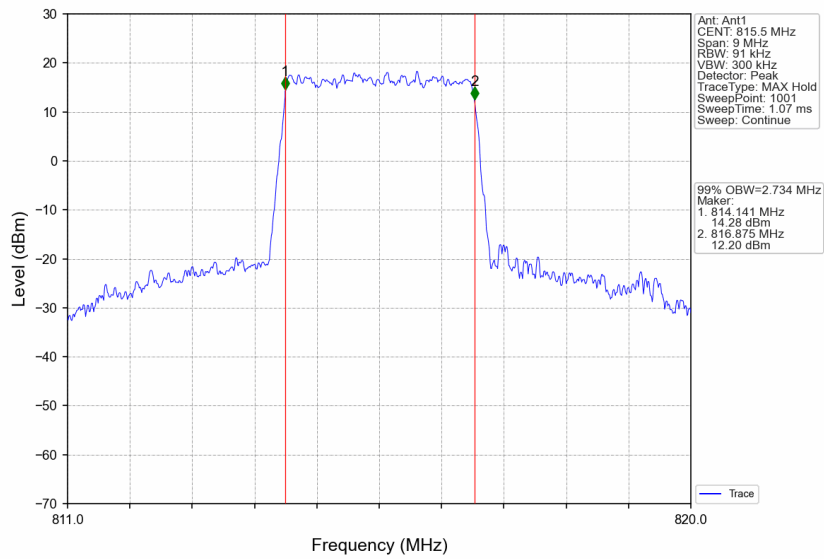
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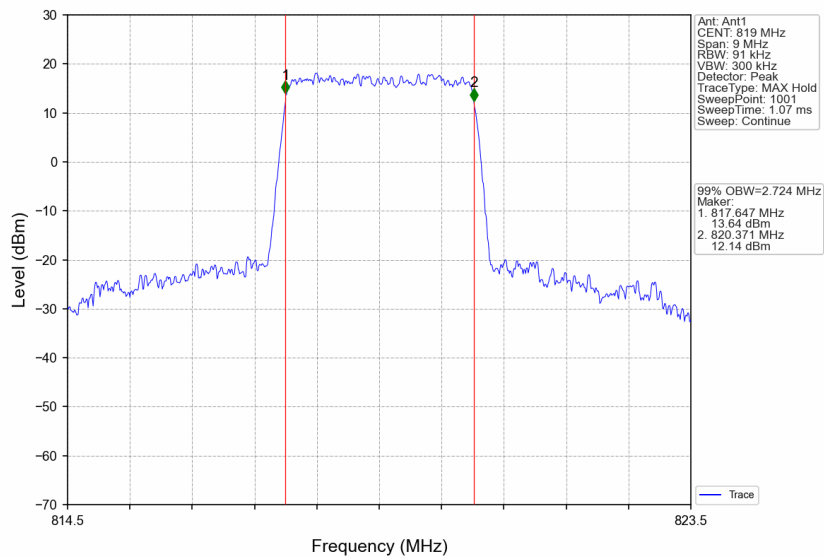
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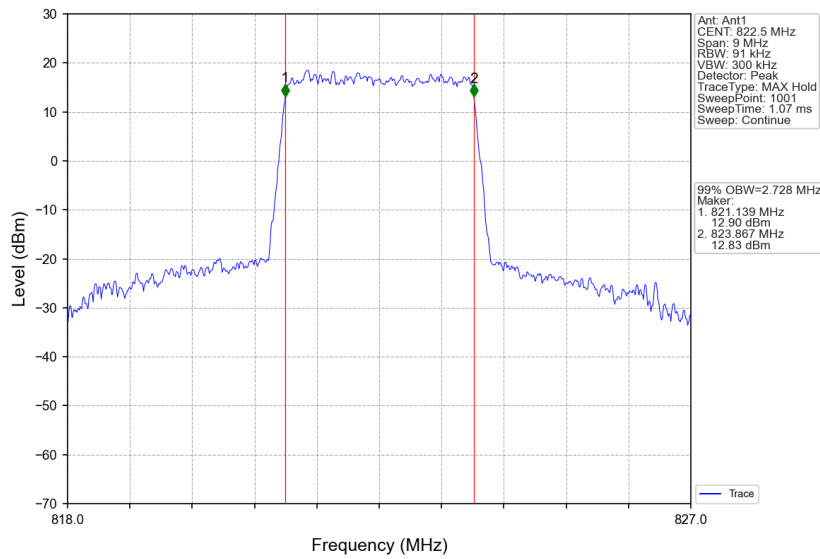
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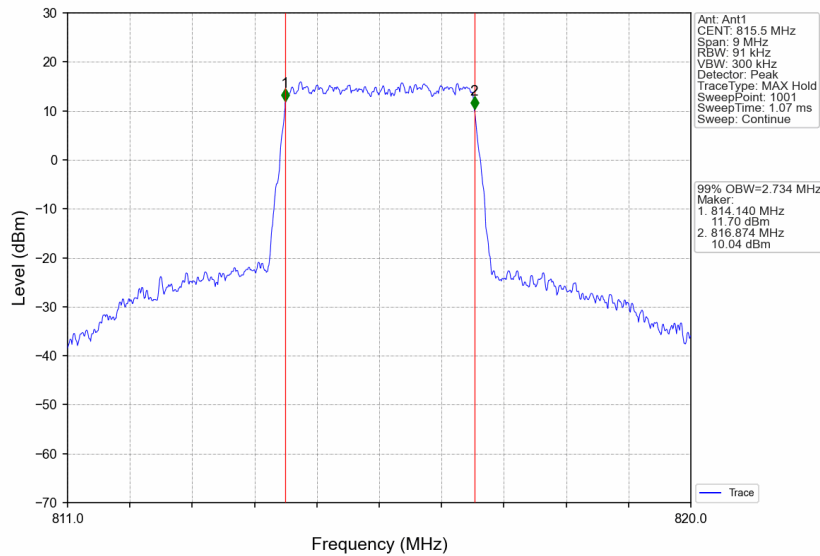
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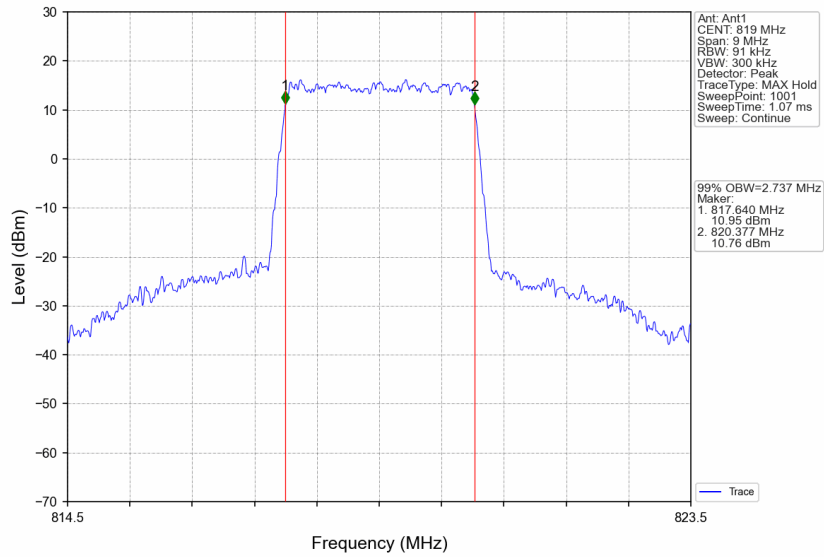
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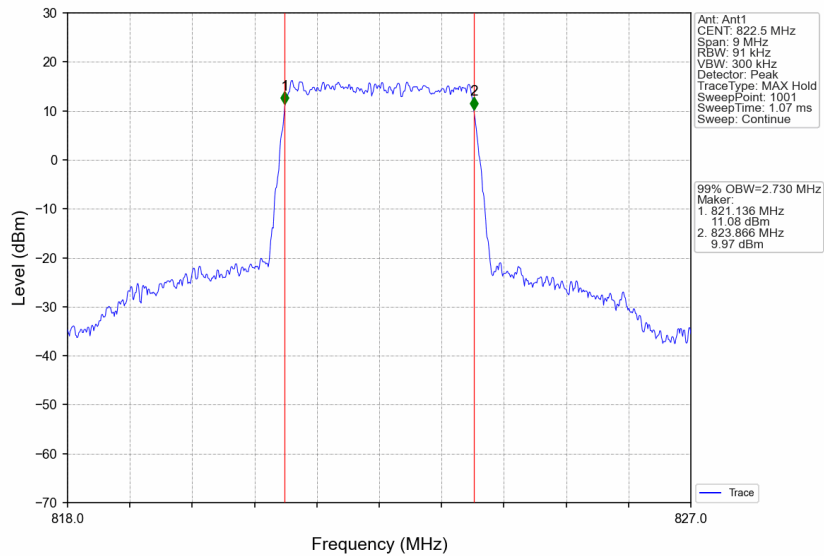
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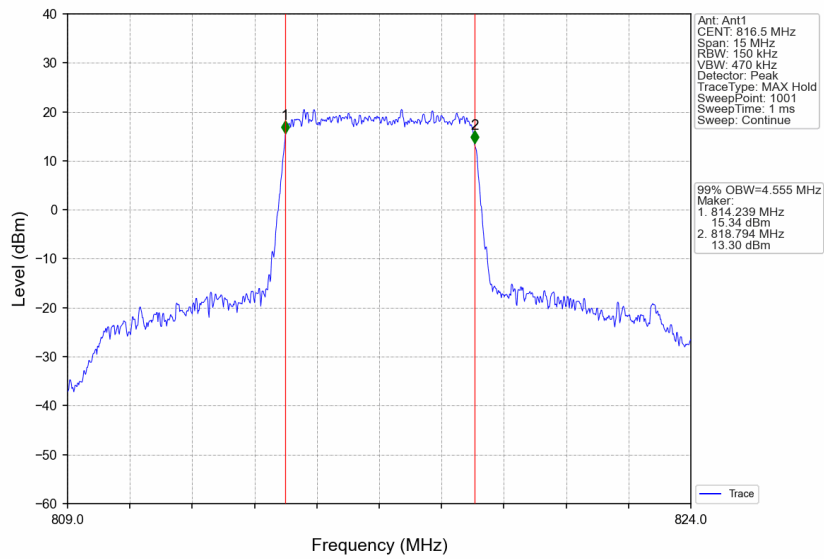


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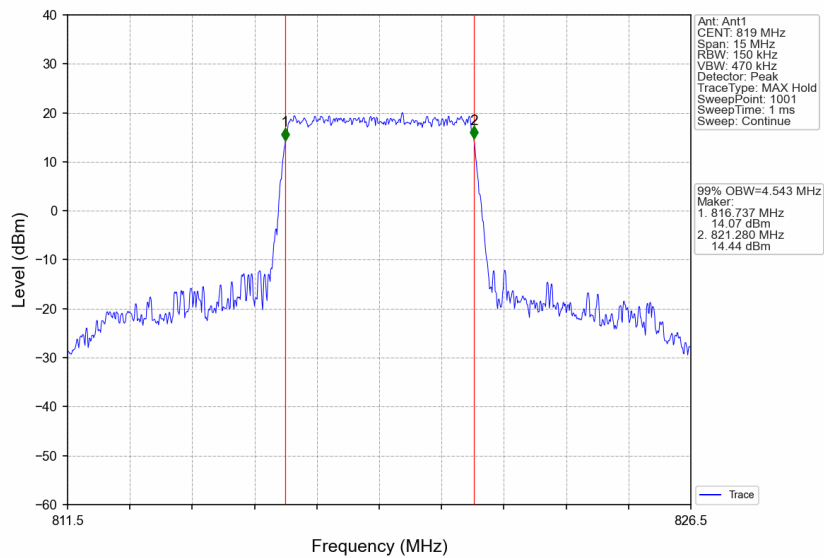
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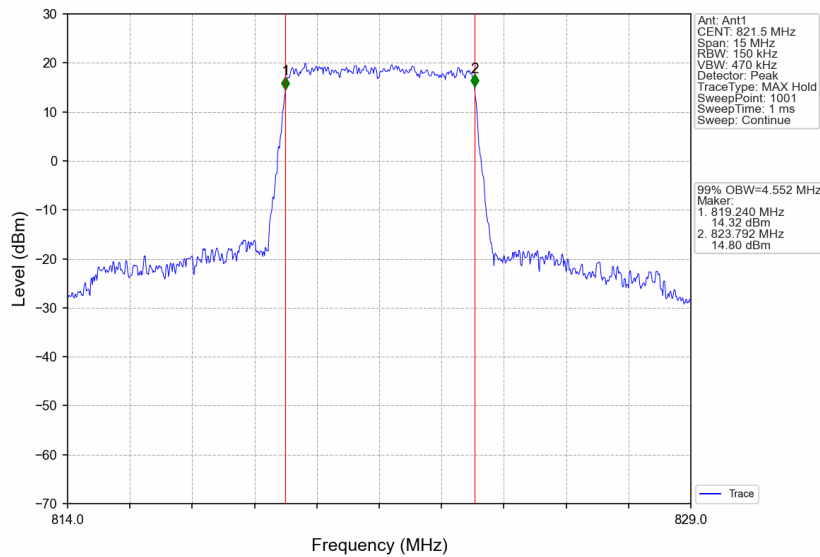
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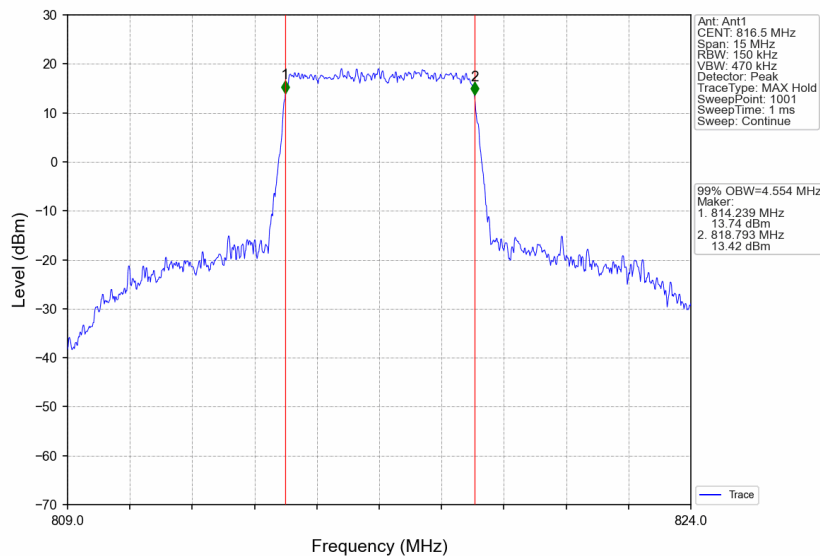
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Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



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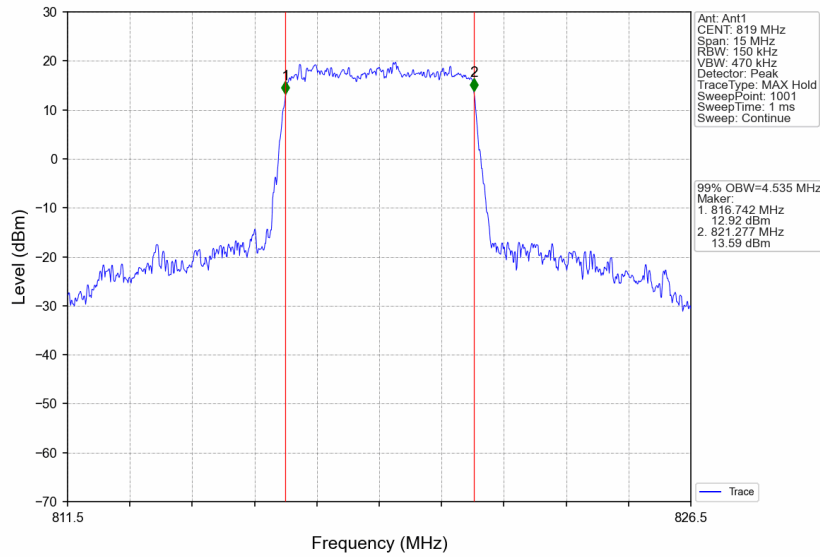
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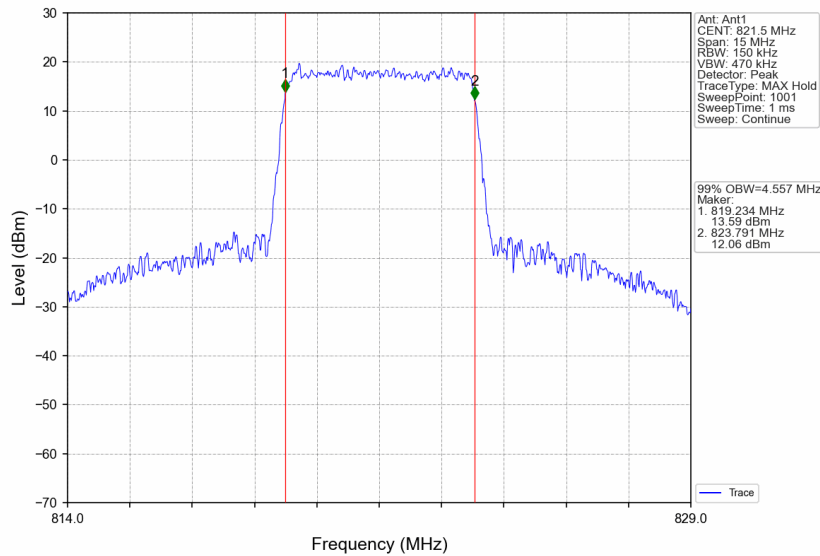
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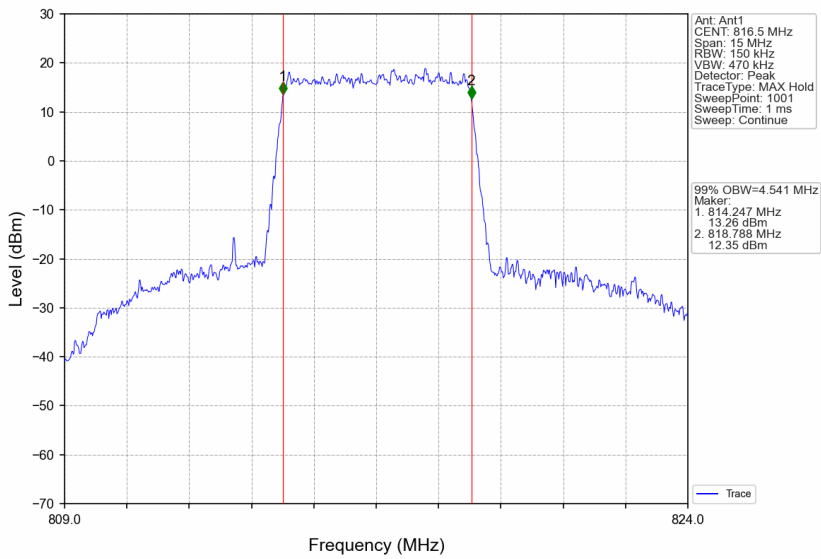
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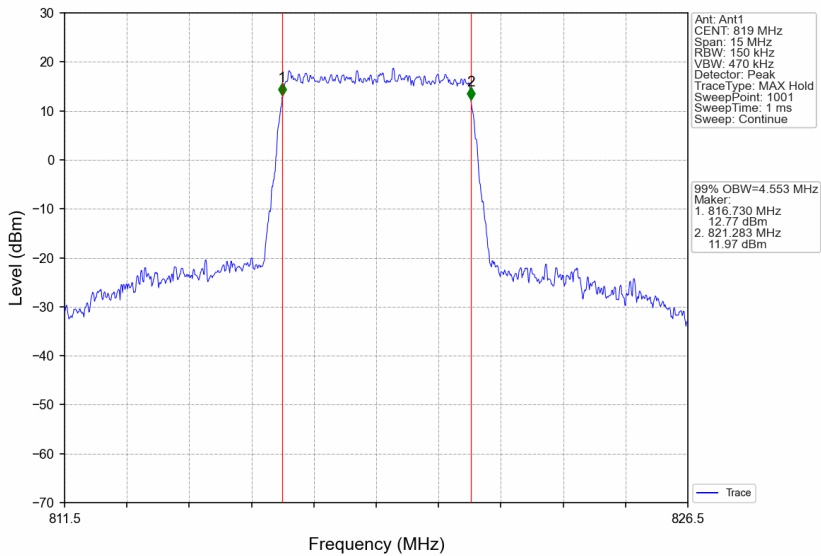
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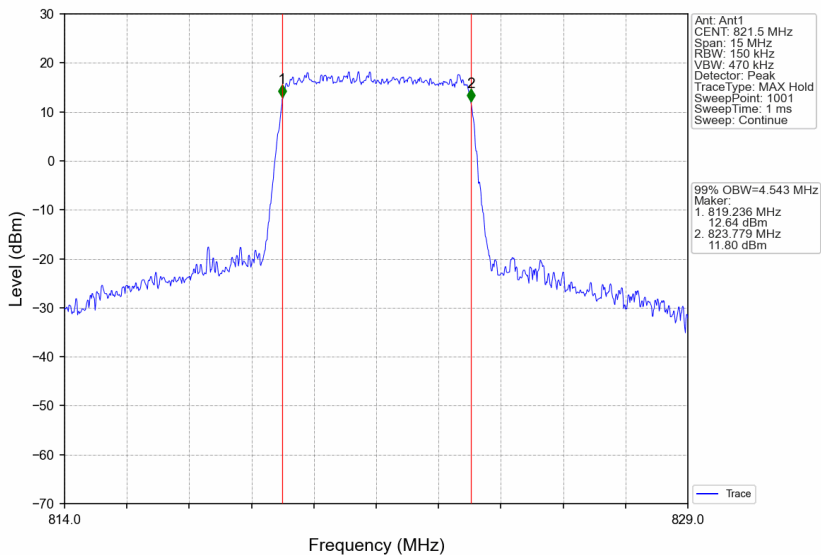
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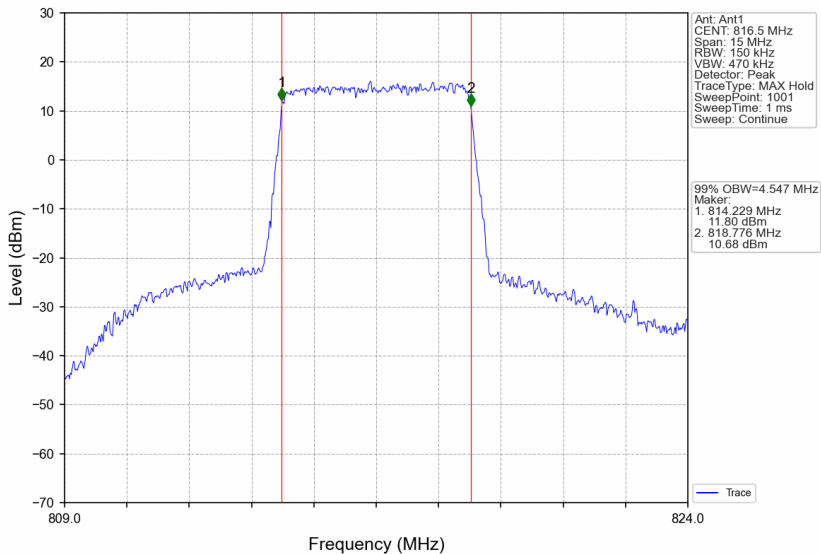
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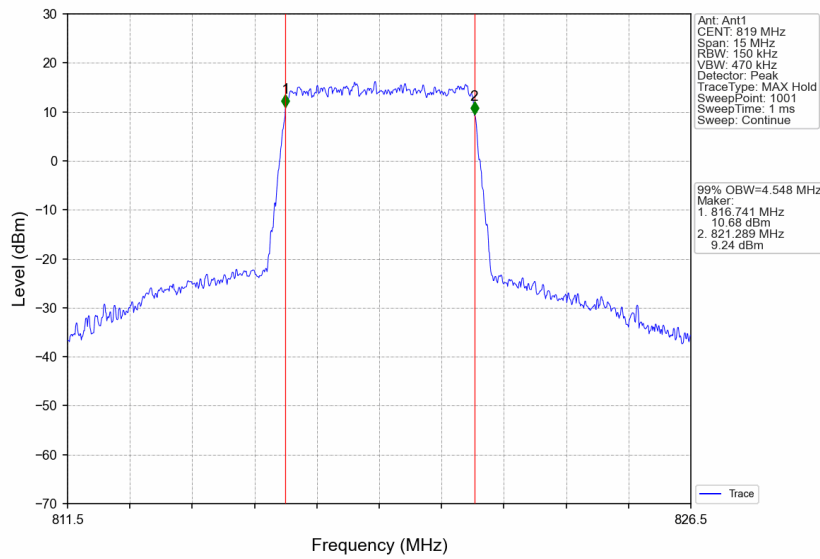
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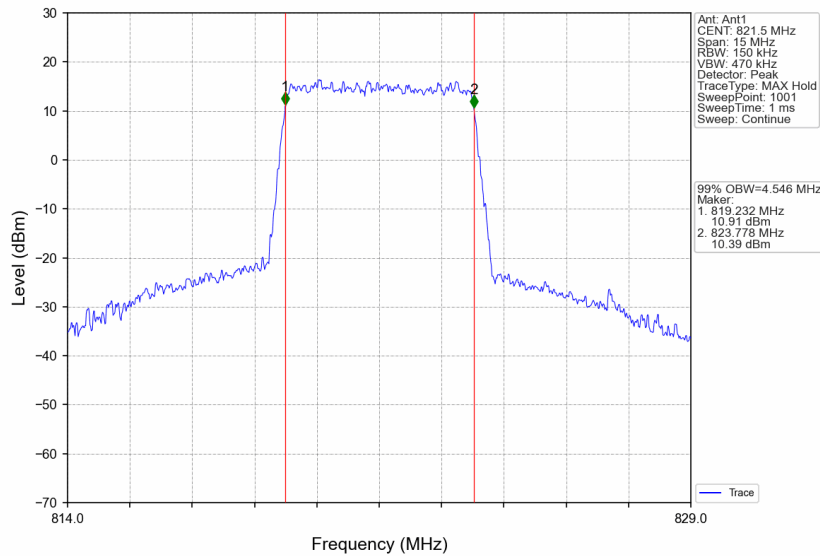
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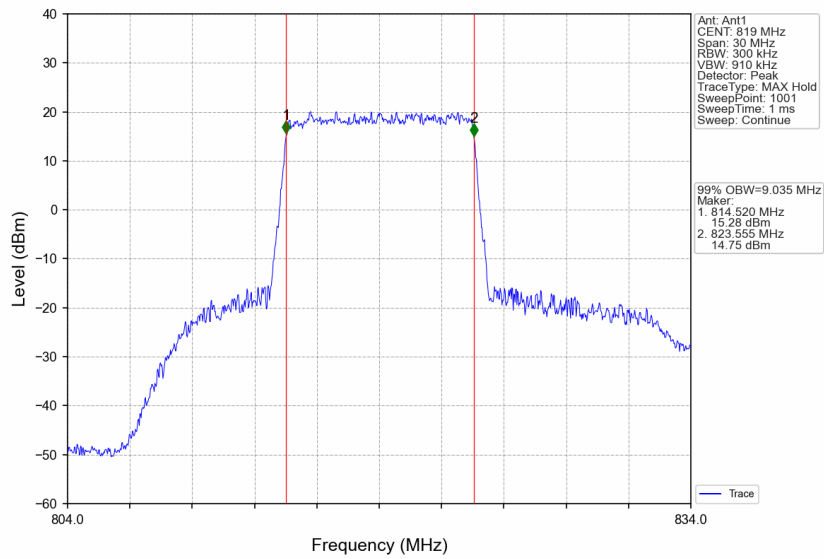


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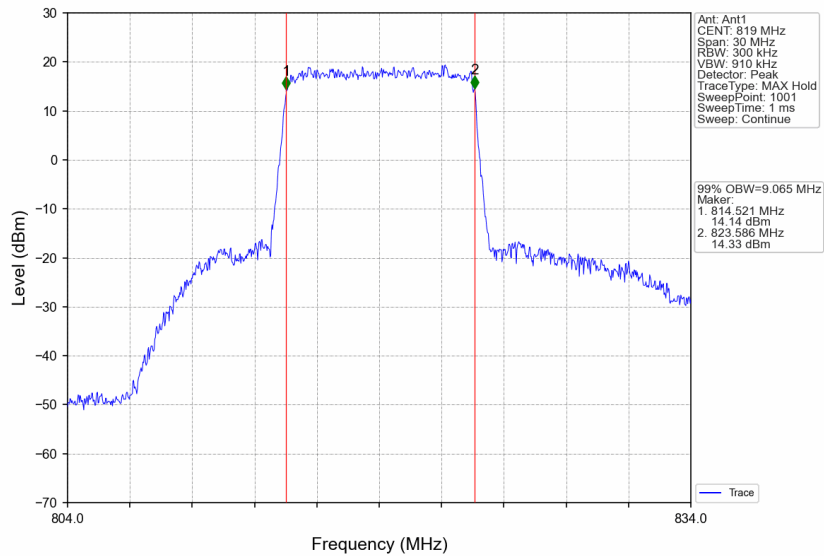
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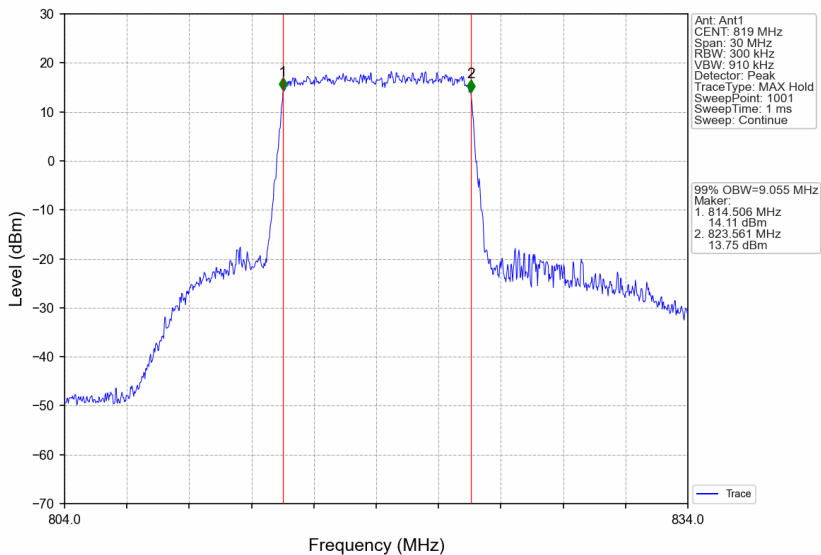
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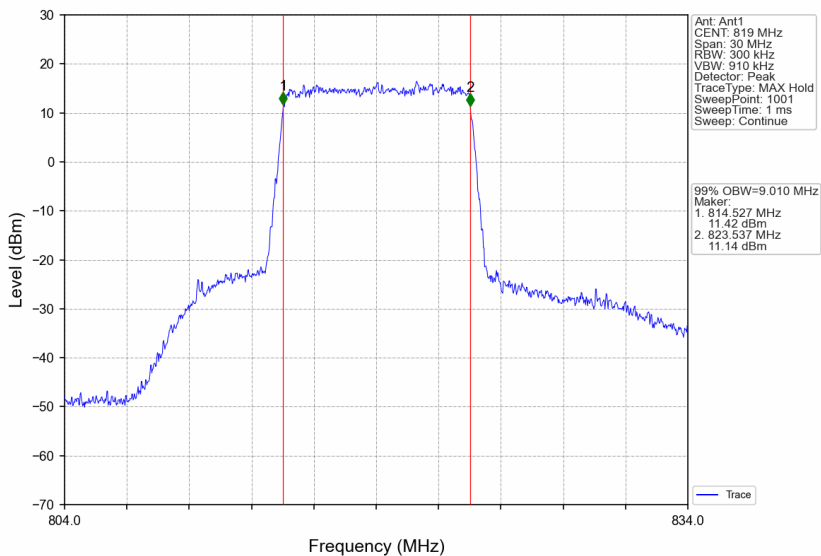
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3.2 Band26a_XDB

3.2.1 Test Result

Band: 26a / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	814.7	6	0	1.322	/	Pass
		819	6	0	1.329	/	Pass
		823.3	6	0	1.328	/	Pass
	16QAM	814.7	6	0	1.332	/	Pass
		819	6	0	1.330	/	Pass
		823.3	6	0	1.300	/	Pass
	64QAM	814.7	6	0	1.348	/	Pass
		819	6	0	1.343	/	Pass
		823.3	6	0	1.345	/	Pass
	256QAM	814.7	6	0	1.318	/	Pass
		819	6	0	1.308	/	Pass
		823.3	6	0	1.347	/	Pass
3	QPSK	815.5	15	0	3.029	/	Pass
		819	15	0	3.031	/	Pass
		822.5	15	0	3.038	/	Pass
	16QAM	815.5	15	0	3.030	/	Pass
		819	15	0	3.046	/	Pass
		822.5	15	0	3.026	/	Pass
	64QAM	815.5	15	0	3.025	/	Pass
		819	15	0	3.027	/	Pass
		822.5	15	0	3.017	/	Pass
	256QAM	815.5	15	0	3.049	/	Pass
		819	15	0	3.037	/	Pass
		822.5	15	0	3.042	/	Pass
5	QPSK	816.5	25	0	5.013	/	Pass
		819	25	0	5.059	/	Pass
		821.5	25	0	5.055	/	Pass
	16QAM	816.5	25	0	5.093	/	Pass
		819	25	0	5.073	/	Pass
		821.5	25	0	5.068	/	Pass
	64QAM	816.5	25	0	5.038	/	Pass
		819	25	0	5.060	/	Pass
		821.5	25	0	5.058	/	Pass
	256QAM	816.5	25	0	5.067	/	Pass
		819	25	0	5.063	/	Pass
		821.5	25	0	5.081	/	Pass
10	QPSK	819	50	0	9.945	/	Pass
	16QAM	819	50	0	9.947	/	Pass
	64QAM	819	50	0	9.973	/	Pass



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	256QAM	819	50	0	9.983	/	Pass
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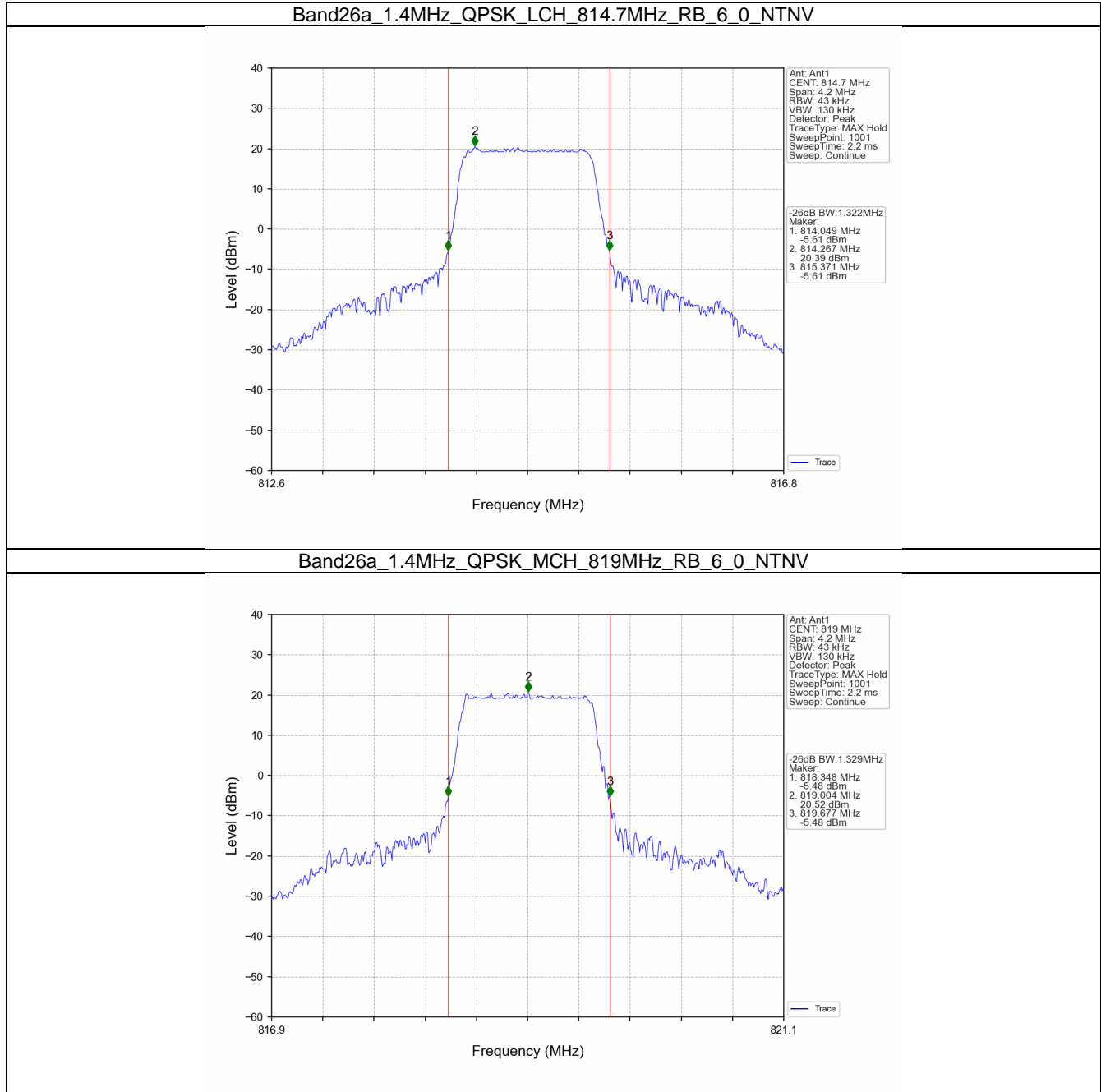
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3.2.2 Test Graph

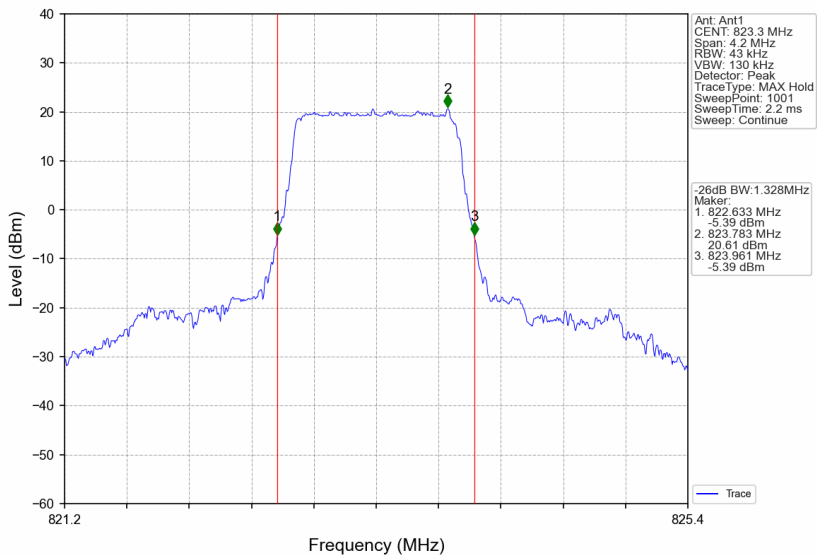


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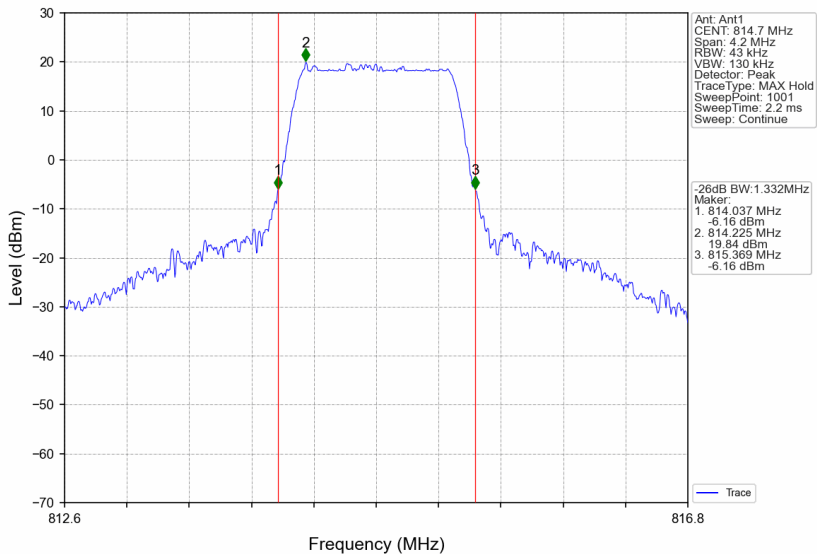
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Band26a_1.4MHz_QPSK_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_LCH_814.7MHz_RB_6_0_NTNV

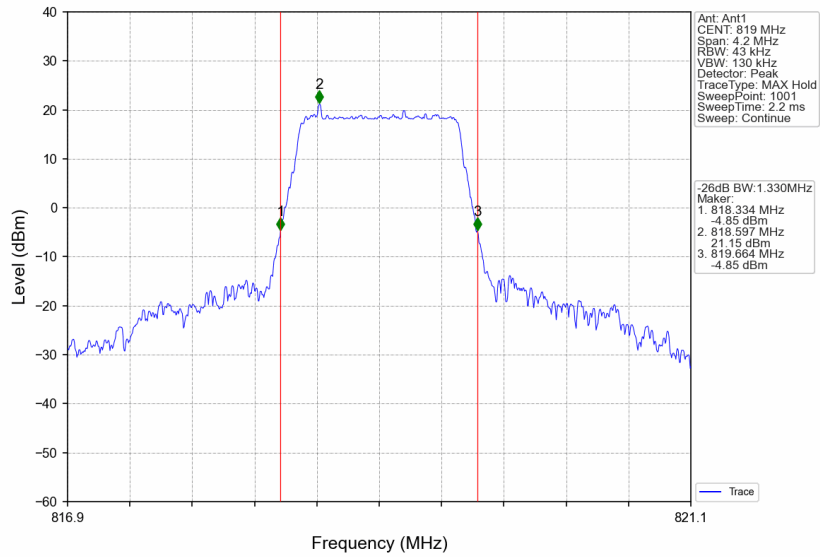


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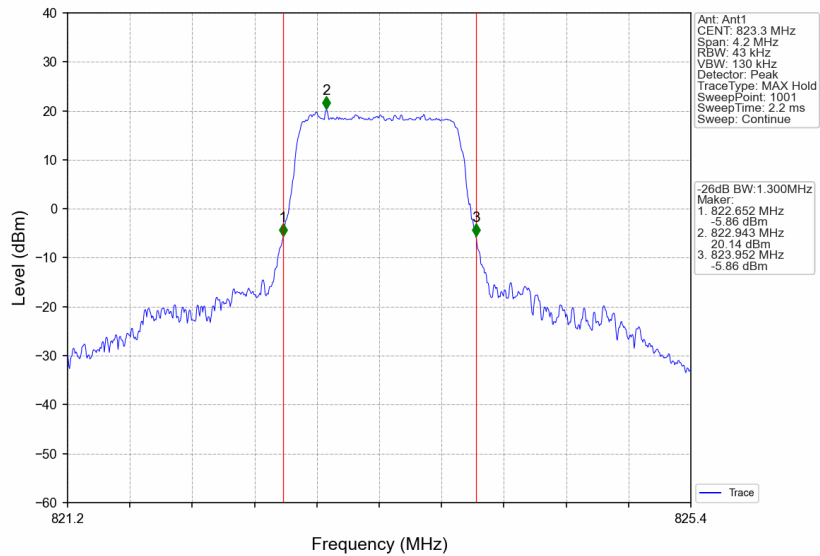
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Band26a_1.4MHz_16QAM_MCH_819MHz_RB_6_0_NTNV



Band26a_1.4MHz_16QAM_HCH_823.3MHz_RB_6_0_NTNV

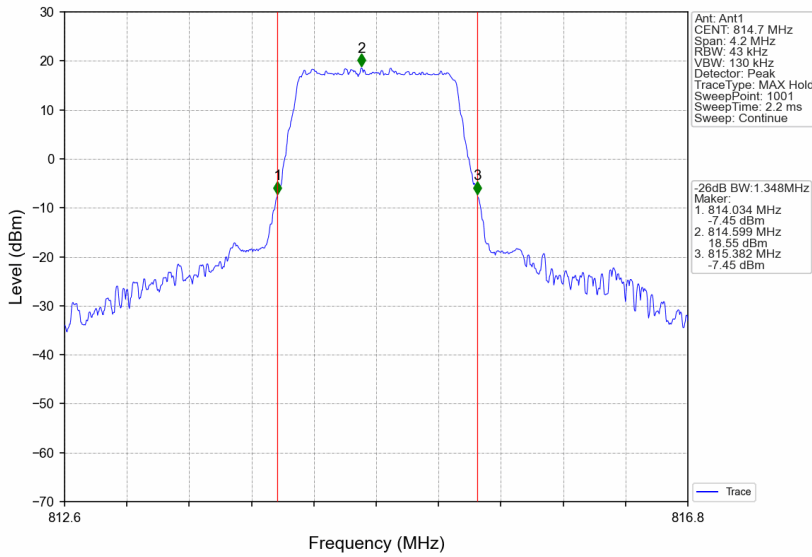


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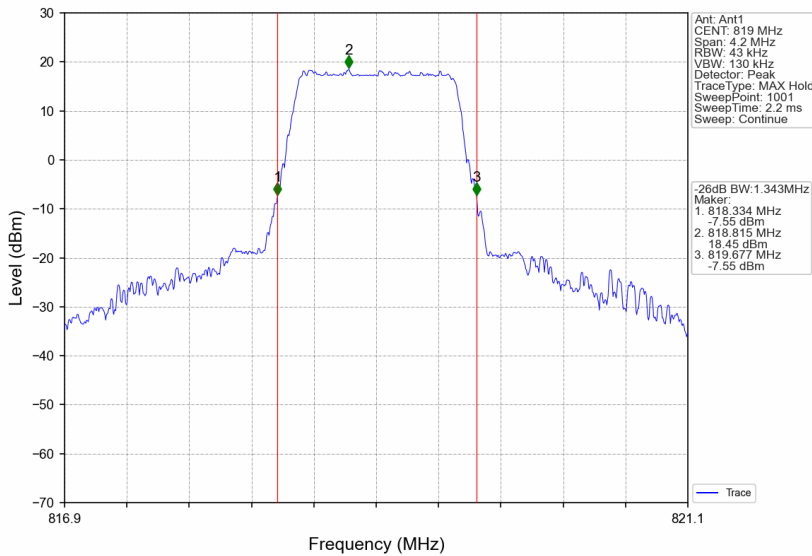
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Band26a_1.4MHz_64QAM_LCH_814.7MHz_RB_6_0_NTNV



Band26a_1.4MHz_64QAM_MCH_819MHz_RB_6_0_NTNV

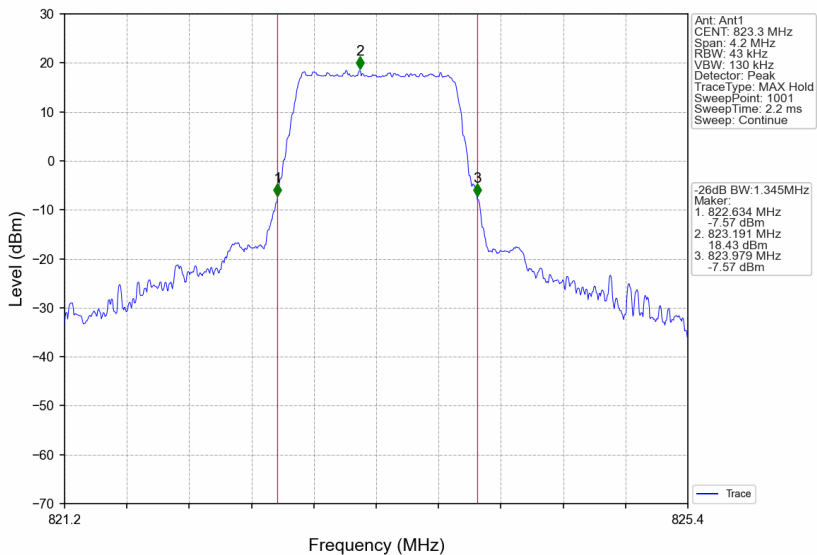


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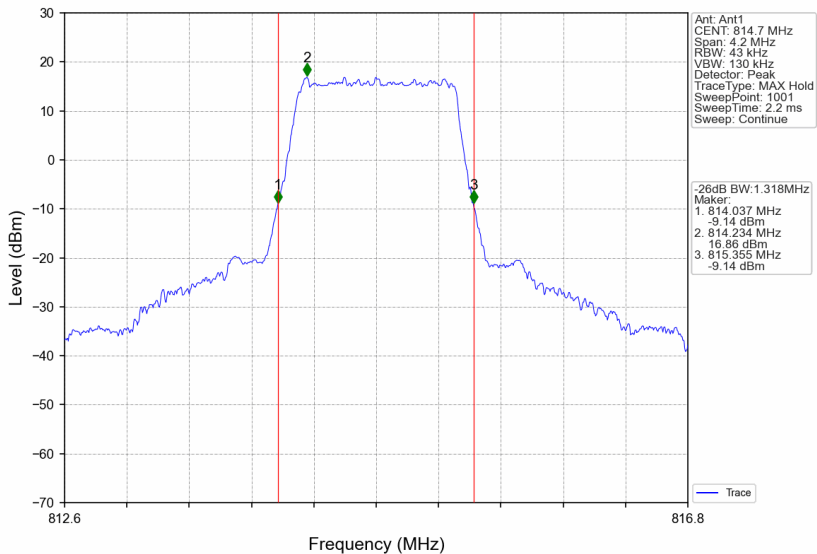
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Band26a_1.4MHz_64QAM_HCH_823.3MHz_RB_6_0_NTNV



Band26a_1.4MHz_256QAM_LCH_814.7MHz_RB_6_0_NTNV

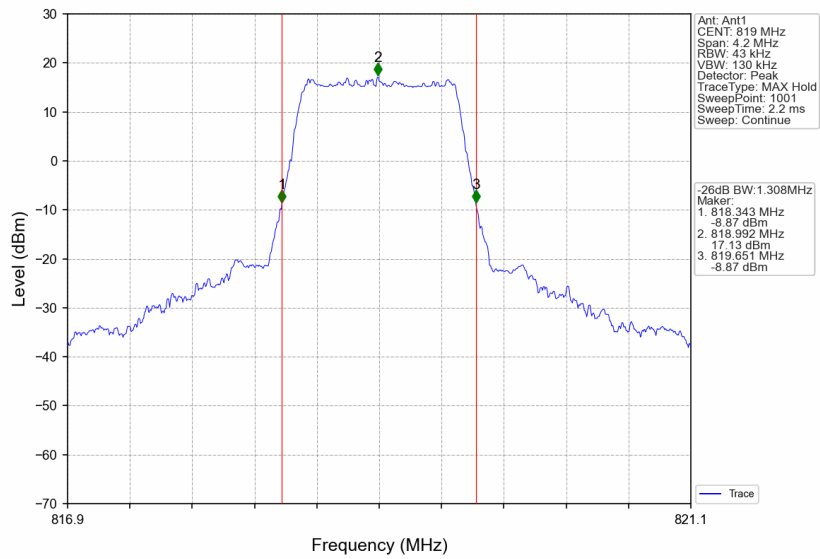


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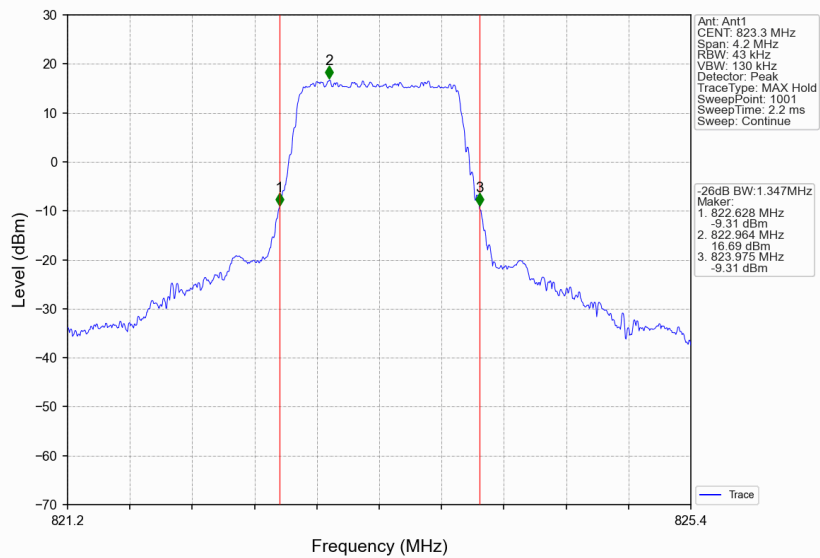
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Band26a_1.4MHz_256QAM_MCH_819MHz_RB_6_0_NTNV



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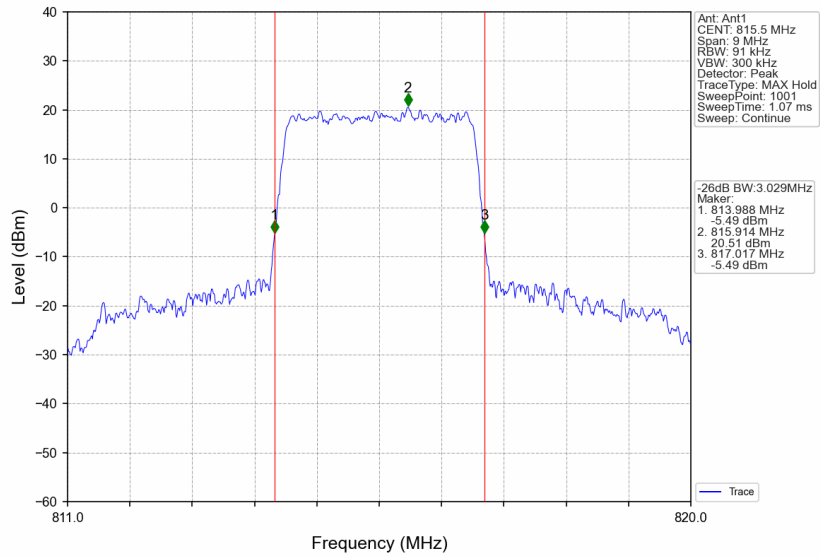
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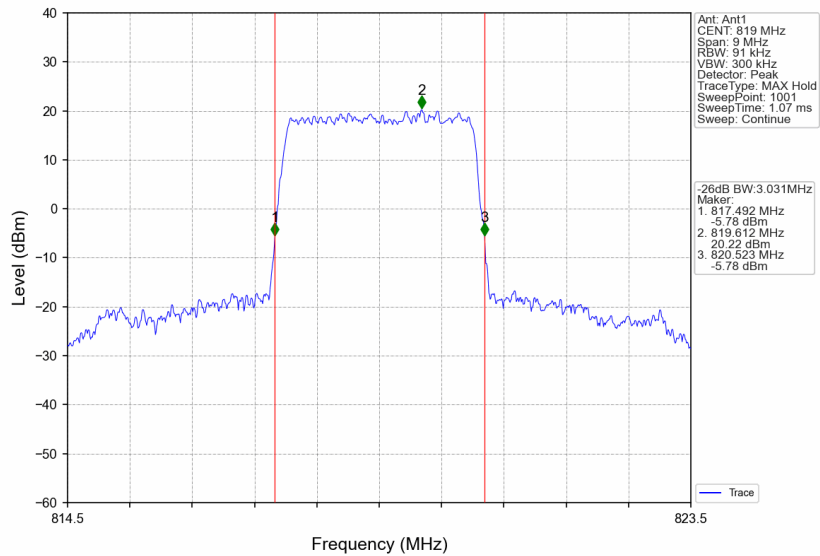
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Band26a_3MHz_QPSK_LCH_815.5MHz_RB_15_0_NTNV



Band26a_3MHz_QPSK_MCH_819MHz_RB_15_0_NTNV

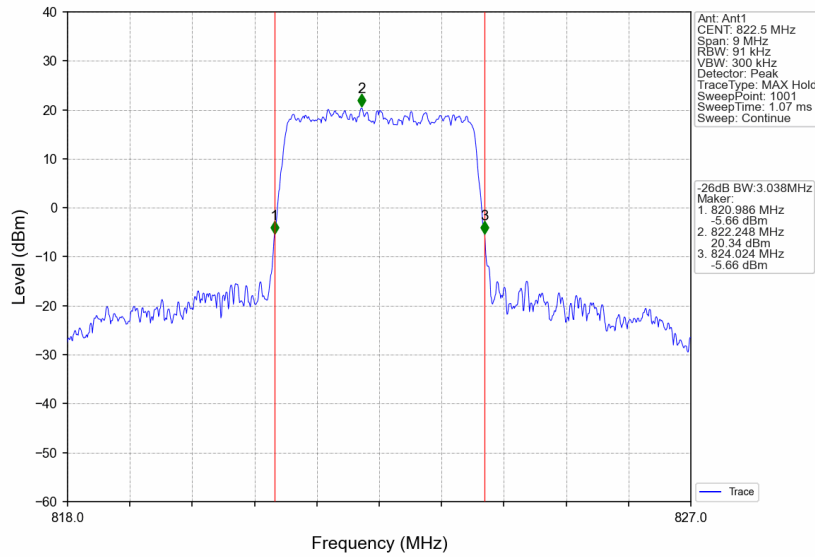


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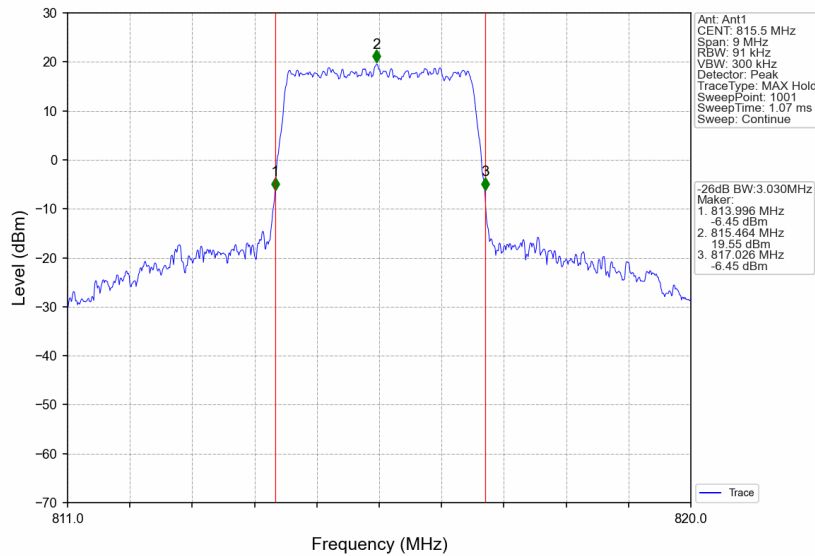
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Band26a_3MHz_QPSK_HCH_822.5MHz_RB_15_0_NTNV



Band26a_3MHz_16QAM_LCH_815.5MHz_RB_15_0_NTNV



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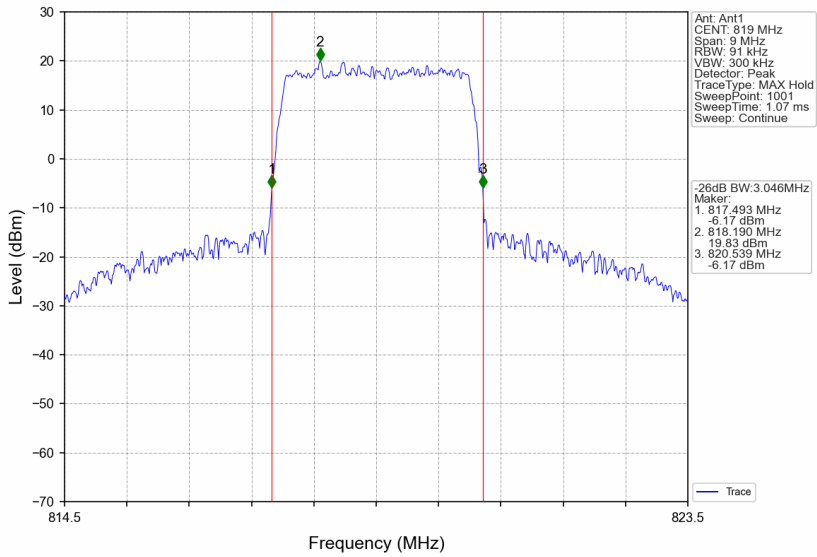
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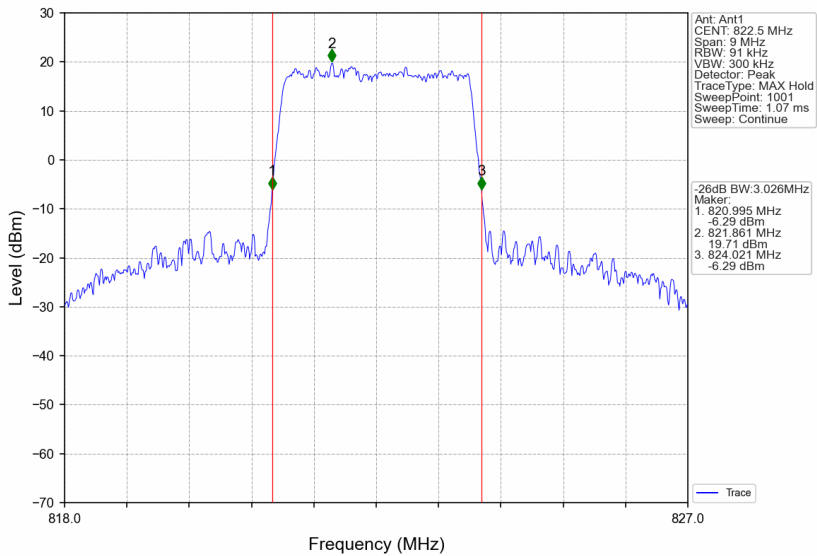
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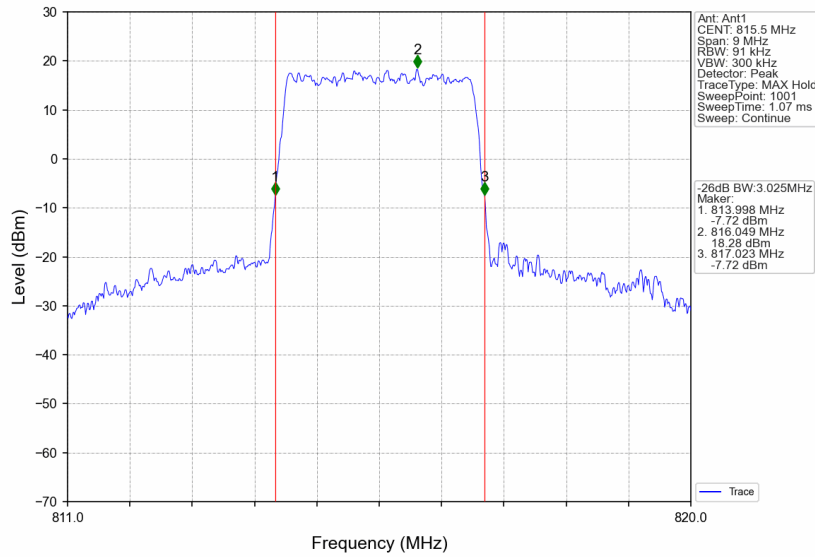


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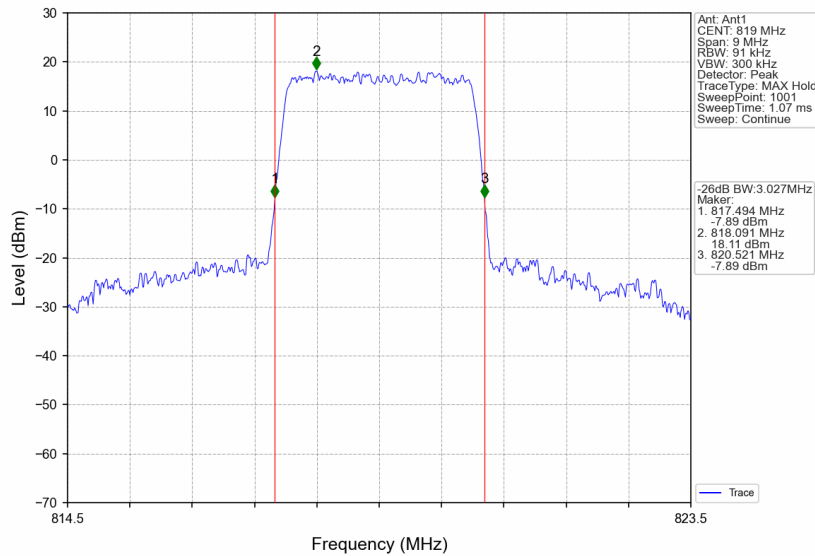
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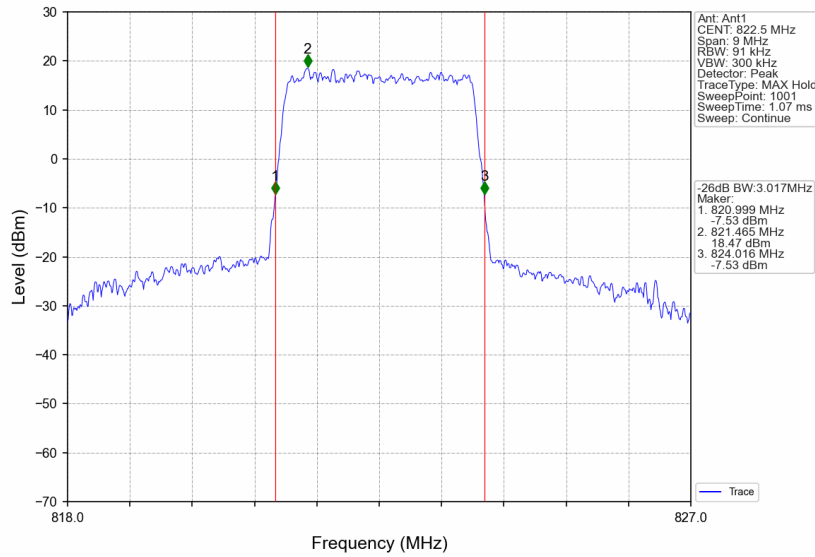


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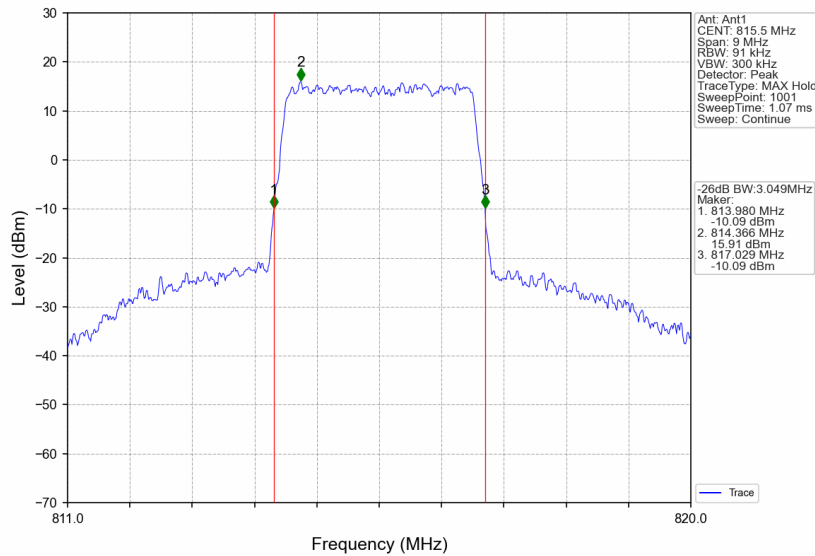
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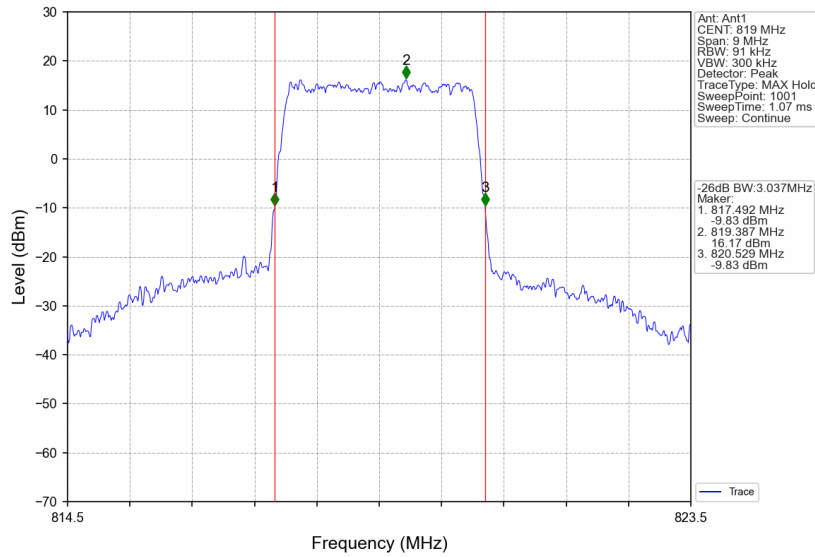


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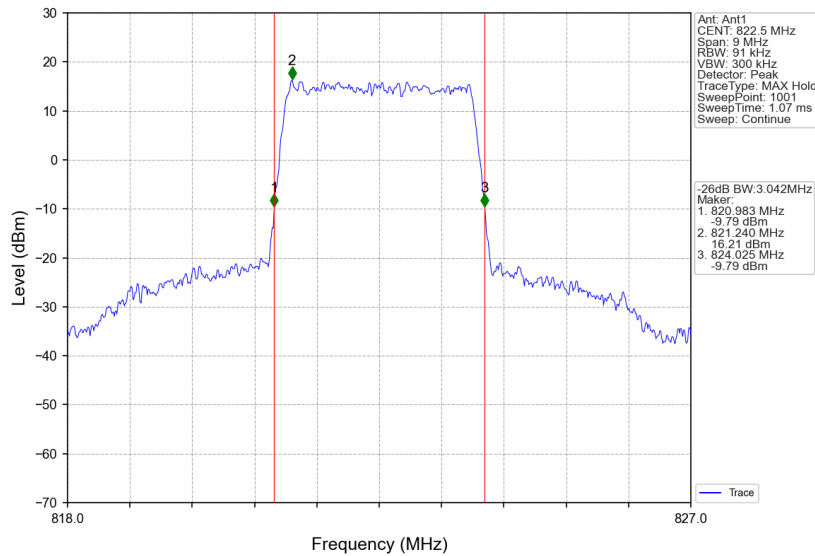
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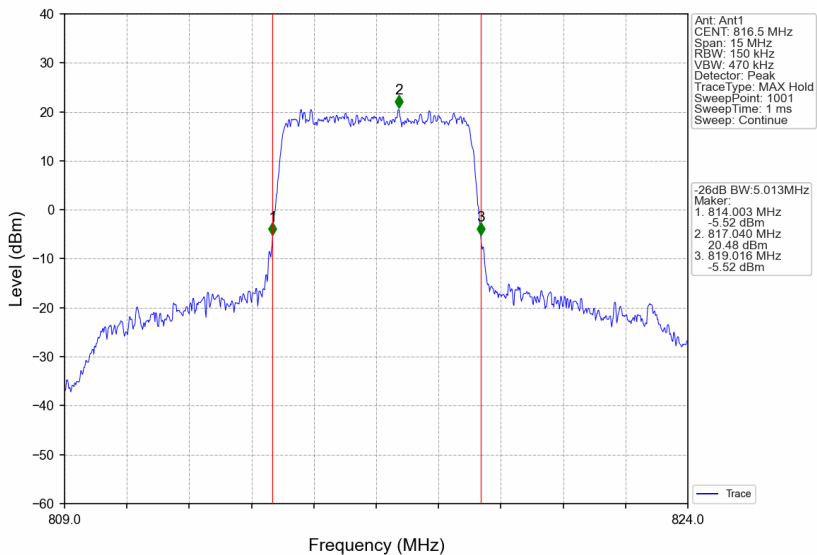


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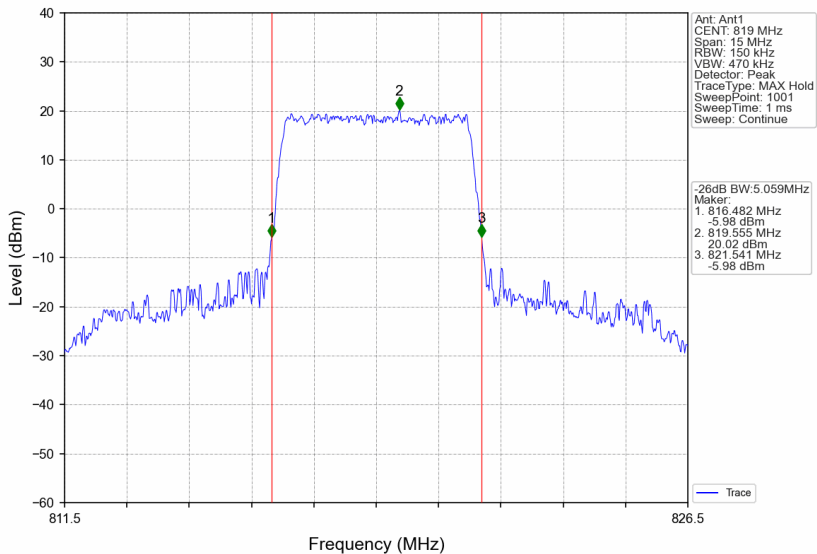
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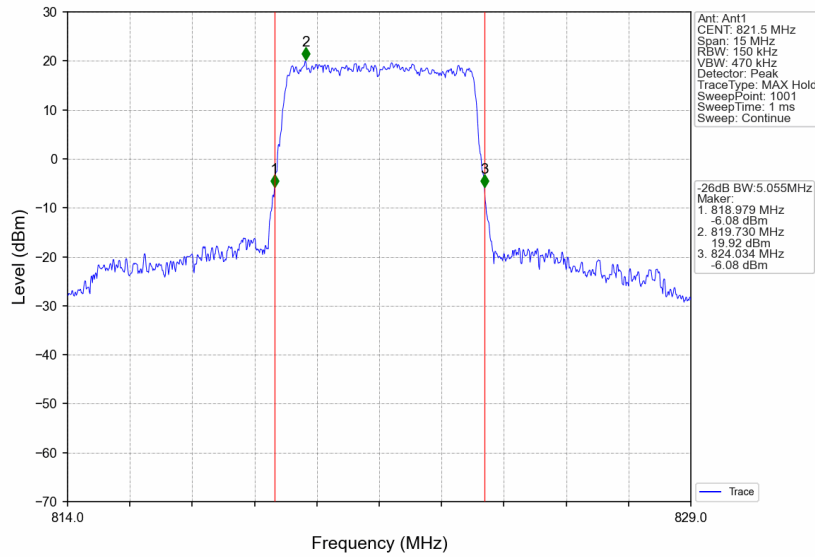


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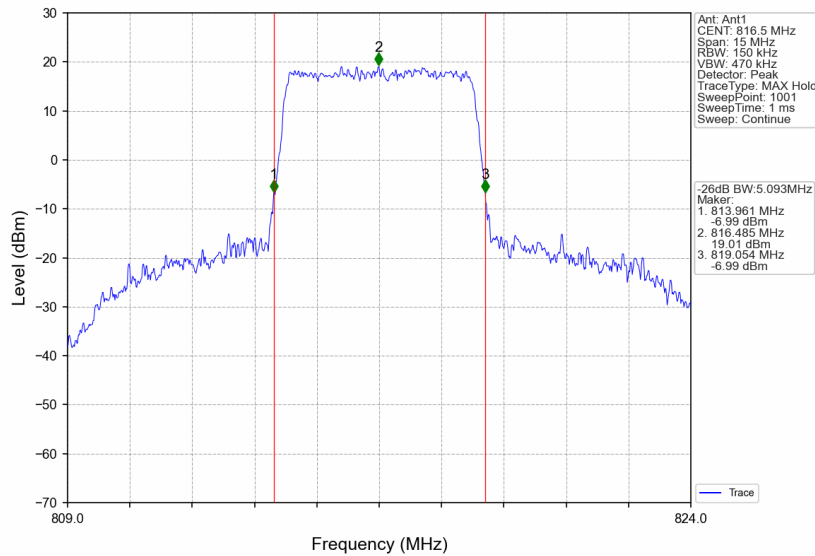
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Band26a_5MHz_QPSK_HCH_821.5MHz_RB_25_0_NTNV



Band26a_5MHz_16QAM_LCH_816.5MHz_RB_25_0_NTNV



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