

Appendix P for KSCR220400050308

1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	23.29	2.00	25.29	<=33.01	Pass		
			2	23.36	2.00	25.36	<=33.01	Pass		
			5	23.20	2.00	25.20	<=33.01	Pass		
		3	0	23.20	2.00	25.20	<=33.01	Pass		
			2	23.30	2.00	25.30	<=33.01	Pass		
			3	23.25	2.00	25.25	<=33.01	Pass		
		6	0	22.26	2.00	24.26	<=33.01	Pass		
			1	0	23.12	2.00	25.12	<=33.01	Pass	
				2	23.36	2.00	25.36	<=33.01	Pass	
	5	23.14		2.00	25.14	<=33.01	Pass			
	1882.5	3	0	23.14	2.00	25.14	<=33.01	Pass		
			2	23.43	2.00	25.43	<=33.01	Pass		
			3	23.20	2.00	25.20	<=33.01	Pass		
		6	0	22.17	2.00	24.17	<=33.01	Pass		
			1	0	23.15	2.00	25.15	<=33.01	Pass	
				2	23.34	2.00	25.34	<=33.01	Pass	
	5	22.97		2.00	24.97	<=33.01	Pass			
	1914.3	3	0	23.26	2.00	25.26	<=33.01	Pass		
			2	23.08	2.00	25.08	<=33.01	Pass		
			3	23.17	2.00	25.17	<=33.01	Pass		
		6	0	22.21	2.00	24.21	<=33.01	Pass		
			1	0	22.97	2.00	24.97	<=33.01	Pass	
				2	22.95	2.00	24.95	<=33.01	Pass	
		5		23.06	2.00	25.06	<=33.01	Pass		
		16QAM	1850.7	3	0	22.24	2.00	24.24	<=33.01	Pass
					2	22.31	2.00	24.31	<=33.01	Pass
	3				22.35	2.00	24.35	<=33.01	Pass	
6	0			21.43	2.00	23.43	<=33.01	Pass		
	1			0	22.20	2.00	24.20	<=33.01	Pass	
				2	22.28	2.00	24.28	<=33.01	Pass	
5			22.17	2.00	24.17	<=33.01	Pass			
1882.5	3		0	22.17	2.00	24.17	<=33.01	Pass		
			2	22.23	2.00	24.23	<=33.01	Pass		
		3	22.18	2.00	24.18	<=33.01	Pass			
1914.3	6	0	20.95	2.00	22.95	<=33.01	Pass			
		1	0	22.54	2.00	24.54	<=33.01	Pass		
			2	22.55	2.00	24.55	<=33.01	Pass		
5	22.30		2.00	24.30	<=33.01	Pass				

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64QAM	1850.7	3	0	22.19	2.00	24.19	<=33.01	Pass	
			2	22.27	2.00	24.27	<=33.01	Pass	
			3	22.17	2.00	24.17	<=33.01	Pass	
		6	0	21.10	2.00	23.10	<=33.01	Pass	
			1	20.99	2.00	22.99	<=33.01	Pass	
			2	21.15	2.00	23.15	<=33.01	Pass	
	1882.5	3	0	20.96	2.00	22.96	<=33.01	Pass	
			2	21.42	2.00	23.42	<=33.01	Pass	
			3	21.57	2.00	23.57	<=33.01	Pass	
		6	0	21.69	2.00	23.69	<=33.01	Pass	
			2	20.34	2.00	22.34	<=33.01	Pass	
			3	21.02	2.00	23.02	<=33.01	Pass	
	1914.3	1	0	21.13	2.00	23.13	<=33.01	Pass	
			2	21.13	2.00	23.13	<=33.01	Pass	
			5	20.97	2.00	22.97	<=33.01	Pass	
		3	0	21.13	2.00	23.13	<=33.01	Pass	
			2	20.99	2.00	22.99	<=33.01	Pass	
			3	21.43	2.00	23.43	<=33.01	Pass	
		6	0	20.13	2.00	22.13	<=33.01	Pass	
			1	0	21.60	2.00	23.60	<=33.01	Pass
			2	21.59	2.00	23.59	<=33.01	Pass	
			5	21.51	2.00	23.51	<=33.01	Pass	
			3	0	21.67	2.00	23.67	<=33.01	Pass
			2	21.65	2.00	23.65	<=33.01	Pass	
	6	3	21.60	2.00	23.60	<=33.01	Pass		
		0	20.29	2.00	22.29	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	23.31	2.00	25.31	<=33.01	Pass
			7	23.51	2.00	25.51	<=33.01	Pass
			14	23.25	2.00	25.25	<=33.01	Pass
		8	0	22.31	2.00	24.31	<=33.01	Pass
			4	22.30	2.00	24.30	<=33.01	Pass
			7	22.27	2.00	24.27	<=33.01	Pass
	15	0	22.30	2.00	24.30	<=33.01	Pass	
	1882.5	1	0	22.96	2.00	24.96	<=33.01	Pass
			7	23.05	2.00	25.05	<=33.01	Pass
			14	23.02	2.00	25.02	<=33.01	Pass
		8	0	22.17	2.00	24.17	<=33.01	Pass
			4	22.22	2.00	24.22	<=33.01	Pass
			7	22.19	2.00	24.19	<=33.01	Pass
	15	0	22.22	2.00	24.22	<=33.01	Pass	
	1913.5	1	0	23.27	2.00	25.27	<=33.01	Pass



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			7	23.46	2.00	25.46	<=33.01	Pass		
			14	23.18	2.00	25.18	<=33.01	Pass		
		8	0	22.36	2.00	24.36	<=33.01	Pass		
			4	22.39	2.00	24.39	<=33.01	Pass		
			7	22.29	2.00	24.29	<=33.01	Pass		
		15	0	22.36	2.00	24.36	<=33.01	Pass		
16QAM	1851.5	1	0	23.01	2.00	25.01	<=33.01	Pass		
			7	23.05	2.00	25.05	<=33.01	Pass		
			14	22.83	2.00	24.83	<=33.01	Pass		
		8	0	21.48	2.00	23.48	<=33.01	Pass		
			4	21.46	2.00	23.46	<=33.01	Pass		
			7	21.47	2.00	23.47	<=33.01	Pass		
		15	0	21.31	2.00	23.31	<=33.01	Pass		
		1882.5	1	0	22.51	2.00	24.51	<=33.01	Pass	
				7	22.67	2.00	24.67	<=33.01	Pass	
	14			22.52	2.00	24.52	<=33.01	Pass		
	8		0	21.40	2.00	23.40	<=33.01	Pass		
			4	21.11	2.00	23.11	<=33.01	Pass		
			7	21.01	2.00	23.01	<=33.01	Pass		
	15		0	21.03	2.00	23.03	<=33.01	Pass		
	1913.5		1	0	22.19	2.00	24.19	<=33.01	Pass	
				7	22.17	2.00	24.17	<=33.01	Pass	
		14		22.10	2.00	24.10	<=33.01	Pass		
		8	0	21.55	2.00	23.55	<=33.01	Pass		
			4	21.55	2.00	23.55	<=33.01	Pass		
			7	21.41	2.00	23.41	<=33.01	Pass		
		15	0	21.48	2.00	23.48	<=33.01	Pass		
		64QAM	1851.5	1	0	21.93	2.00	23.93	<=33.01	Pass
					7	22.08	2.00	24.08	<=33.01	Pass
	14				21.94	2.00	23.94	<=33.01	Pass	
8	0			20.66	2.00	22.66	<=33.01	Pass		
	4			20.56	2.00	22.56	<=33.01	Pass		
	7			20.64	2.00	22.64	<=33.01	Pass		
15	0			20.24	2.00	22.24	<=33.01	Pass		
1882.5	1			0	21.32	2.00	23.32	<=33.01	Pass	
				7	21.16	2.00	23.16	<=33.01	Pass	
			14	20.84	2.00	22.84	<=33.01	Pass		
	8		0	20.04	2.00	22.04	<=33.01	Pass		
			4	20.15	2.00	22.15	<=33.01	Pass		
			7	20.09	2.00	22.09	<=33.01	Pass		
	15		0	20.35	2.00	22.35	<=33.01	Pass		
	1913.5		1	0	21.30	2.00	23.30	<=33.01	Pass	
				7	21.40	2.00	23.40	<=33.01	Pass	
14				21.04	2.00	23.04	<=33.01	Pass		
8			0	20.35	2.00	22.35	<=33.01	Pass		
			4	20.38	2.00	22.38	<=33.01	Pass		
			7	20.40	2.00	22.40	<=33.01	Pass		
15			0	20.48	2.00	22.48	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	22.99	2.00	24.99	<=33.01	Pass		
			13	23.19	2.00	25.19	<=33.01	Pass		
			24	23.00	2.00	25.00	<=33.01	Pass		
		12	0	22.36	2.00	24.36	<=33.01	Pass		
			6	22.42	2.00	24.42	<=33.01	Pass		
			13	22.33	2.00	24.33	<=33.01	Pass		
		25	0	22.36	2.00	24.36	<=33.01	Pass		
			1	0	22.84	2.00	24.84	<=33.01	Pass	
				13	23.09	2.00	25.09	<=33.01	Pass	
	24	22.99		2.00	24.99	<=33.01	Pass			
	1882.5	12	0	22.22	2.00	24.22	<=33.01	Pass		
			6	22.25	2.00	24.25	<=33.01	Pass		
			13	22.21	2.00	24.21	<=33.01	Pass		
		25	0	22.11	2.00	24.11	<=33.01	Pass		
			1	0	23.08	2.00	25.08	<=33.01	Pass	
				13	23.33	2.00	25.33	<=33.01	Pass	
		24		23.12	2.00	25.12	<=33.01	Pass		
		1912.5	12	0	22.34	2.00	24.34	<=33.01	Pass	
				6	22.42	2.00	24.42	<=33.01	Pass	
	13			22.25	2.00	24.25	<=33.01	Pass		
	25		0	22.38	2.00	24.38	<=33.01	Pass		
			1	0	21.95	2.00	23.95	<=33.01	Pass	
				13	22.43	2.00	24.43	<=33.01	Pass	
	24			21.86	2.00	23.86	<=33.01	Pass		
16QAM	1852.5		12	0	21.37	2.00	23.37	<=33.01	Pass	
				6	21.34	2.00	23.34	<=33.01	Pass	
		13		21.25	2.00	23.25	<=33.01	Pass		
		25	0	21.42	2.00	23.42	<=33.01	Pass		
			1	0	22.43	2.00	24.43	<=33.01	Pass	
				13	22.79	2.00	24.79	<=33.01	Pass	
		24		22.51	2.00	24.51	<=33.01	Pass		
		1882.5	12	0	21.16	2.00	23.16	<=33.01	Pass	
				6	21.12	2.00	23.12	<=33.01	Pass	
	13			21.10	2.00	23.10	<=33.01	Pass		
	25		0	21.21	2.00	23.21	<=33.01	Pass		
			1	0	22.27	2.00	24.27	<=33.01	Pass	
				13	22.22	2.00	24.22	<=33.01	Pass	
	24			22.10	2.00	24.10	<=33.01	Pass		
	1912.5		12	0	21.48	2.00	23.48	<=33.01	Pass	
				6	21.44	2.00	23.44	<=33.01	Pass	
		13		21.07	2.00	23.07	<=33.01	Pass		
		25	0	21.41	2.00	23.41	<=33.01	Pass		
			1	0	21.07	2.00	23.07	<=33.01	Pass	
				13	21.07	2.00	23.07	<=33.01	Pass	
		24		21.07	2.00	23.07	<=33.01	Pass		
		64QAM	1852.5	1	0	21.07	2.00	23.07	<=33.01	Pass

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	1882.5	12	13	21.22	2.00	23.22	<=33.01	Pass
			24	21.11	2.00	23.11	<=33.01	Pass
			0	19.95	2.00	21.95	<=33.01	Pass
		25	6	20.14	2.00	22.14	<=33.01	Pass
			13	20.05	2.00	22.05	<=33.01	Pass
			0	20.33	2.00	22.33	<=33.01	Pass
	1912.5	1	0	21.08	2.00	23.08	<=33.01	Pass
			13	21.53	2.00	23.53	<=33.01	Pass
			24	21.22	2.00	23.22	<=33.01	Pass
		12	0	20.45	2.00	22.45	<=33.01	Pass
			6	20.12	2.00	22.12	<=33.01	Pass
			13	20.13	2.00	22.13	<=33.01	Pass
	1912.5	25	0	20.16	2.00	22.16	<=33.01	Pass
			0	21.77	2.00	23.77	<=33.01	Pass
			13	21.67	2.00	23.67	<=33.01	Pass
		1	24	20.71	2.00	22.71	<=33.01	Pass
			0	20.50	2.00	22.50	<=33.01	Pass
			6	20.47	2.00	22.47	<=33.01	Pass
	12	13	20.25	2.00	22.25	<=33.01	Pass	
		25	0	20.36	2.00	22.36	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	23.36	2.00	25.36	<=33.01	Pass
			25	23.46	2.00	25.46	<=33.01	Pass
			49	23.07	2.00	25.07	<=33.01	Pass
		25	0	22.36	2.00	24.36	<=33.01	Pass
			13	22.35	2.00	24.35	<=33.01	Pass
			25	22.24	2.00	24.24	<=33.01	Pass
	1882.5	50	0	22.33	2.00	24.33	<=33.01	Pass
			0	23.14	2.00	25.14	<=33.01	Pass
			25	23.57	2.00	25.57	<=33.01	Pass
		1	49	23.13	2.00	25.13	<=33.01	Pass
			0	22.24	2.00	24.24	<=33.01	Pass
			13	22.22	2.00	24.22	<=33.01	Pass
	1910	25	25	22.17	2.00	24.17	<=33.01	Pass
			0	22.17	2.00	24.17	<=33.01	Pass
			0	23.53	2.00	25.53	<=33.01	Pass
		1	25	23.67	2.00	25.67	<=33.01	Pass
			49	23.13	2.00	25.13	<=33.01	Pass
			0	22.55	2.00	24.55	<=33.01	Pass
	25	13	22.37	2.00	24.37	<=33.01	Pass	
		25	22.32	2.00	24.32	<=33.01	Pass	

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		50	0	22.40	2.00	24.40	<=33.01	Pass	
16QAM	1855	1	0	23.05	2.00	25.05	<=33.01	Pass	
			25	23.44	2.00	25.44	<=33.01	Pass	
			49	22.49	2.00	24.49	<=33.01	Pass	
			0	21.41	2.00	23.41	<=33.01	Pass	
		25	13	21.47	2.00	23.47	<=33.01	Pass	
			25	21.39	2.00	23.39	<=33.01	Pass	
	50	0	21.43	2.00	23.43	<=33.01	Pass		
	1882.5	1	0	22.76	2.00	24.76	<=33.01	Pass	
			25	22.91	2.00	24.91	<=33.01	Pass	
			49	22.74	2.00	24.74	<=33.01	Pass	
			0	21.36	2.00	23.36	<=33.01	Pass	
		25	13	21.35	2.00	23.35	<=33.01	Pass	
			25	21.29	2.00	23.29	<=33.01	Pass	
	50	0	21.18	2.00	23.18	<=33.01	Pass		
	1910	1	0	22.41	2.00	24.41	<=33.01	Pass	
			25	22.45	2.00	24.45	<=33.01	Pass	
			49	22.02	2.00	24.02	<=33.01	Pass	
			0	21.63	2.00	23.63	<=33.01	Pass	
		25	13	21.48	2.00	23.48	<=33.01	Pass	
			25	21.33	2.00	23.33	<=33.01	Pass	
	50	0	21.46	2.00	23.46	<=33.01	Pass		
	64QAM	1855	1	0	21.87	2.00	23.87	<=33.01	Pass
				25	21.94	2.00	23.94	<=33.01	Pass
				49	21.77	2.00	23.77	<=33.01	Pass
0				20.62	2.00	22.62	<=33.01	Pass	
25			13	20.35	2.00	22.35	<=33.01	Pass	
			25	20.15	2.00	22.15	<=33.01	Pass	
50		0	20.25	2.00	22.25	<=33.01	Pass		
1882.5		1	0	21.03	2.00	23.03	<=33.01	Pass	
			25	21.15	2.00	23.15	<=33.01	Pass	
			49	20.93	2.00	22.93	<=33.01	Pass	
			0	20.16	2.00	22.16	<=33.01	Pass	
		25	13	20.16	2.00	22.16	<=33.01	Pass	
			25	20.12	2.00	22.12	<=33.01	Pass	
50		0	19.95	2.00	21.95	<=33.01	Pass		
1910		1	0	21.39	2.00	23.39	<=33.01	Pass	
			25	21.64	2.00	23.64	<=33.01	Pass	
			49	21.06	2.00	23.06	<=33.01	Pass	
			0	20.62	2.00	22.62	<=33.01	Pass	
		25	13	20.52	2.00	22.52	<=33.01	Pass	
			25	20.37	2.00	22.37	<=33.01	Pass	
50		0	20.61	2.00	22.61	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B25_15MHZ_EIRP

1.5.1 Test Result



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Band: 25 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	23.48	2.00	25.48	<=33.01	Pass		
			38	23.31	2.00	25.31	<=33.01	Pass		
			74	22.86	2.00	24.86	<=33.01	Pass		
		36	0	22.33	2.00	24.33	<=33.01	Pass		
			18	22.31	2.00	24.31	<=33.01	Pass		
			39	22.14	2.00	24.14	<=33.01	Pass		
		75	0	22.21	2.00	24.21	<=33.01	Pass		
		1882.5	1	0	22.90	2.00	24.90	<=33.01	Pass	
				38	23.34	2.00	25.34	<=33.01	Pass	
	74			23.02	2.00	25.02	<=33.01	Pass		
	36		0	22.17	2.00	24.17	<=33.01	Pass		
			18	22.21	2.00	24.21	<=33.01	Pass		
			39	22.13	2.00	24.13	<=33.01	Pass		
	75		0	22.16	2.00	24.16	<=33.01	Pass		
	1907.5		1	0	23.37	2.00	25.37	<=33.01	Pass	
				38	23.51	2.00	25.51	<=33.01	Pass	
		74		22.84	2.00	24.84	<=33.01	Pass		
		36	0	22.55	2.00	24.55	<=33.01	Pass		
			18	22.44	2.00	24.44	<=33.01	Pass		
			39	22.35	2.00	24.35	<=33.01	Pass		
		75	0	22.45	2.00	24.45	<=33.01	Pass		
		16QAM	1857.5	1	0	23.02	2.00	25.02	<=33.01	Pass
					38	22.83	2.00	24.83	<=33.01	Pass
	74				22.33	2.00	24.33	<=33.01	Pass	
36	0			21.38	2.00	23.38	<=33.01	Pass		
	18			21.33	2.00	23.33	<=33.01	Pass		
	39			21.16	2.00	23.16	<=33.01	Pass		
75	0			21.24	2.00	23.24	<=33.01	Pass		
1882.5	1			0	22.72	2.00	24.72	<=33.01	Pass	
				38	23.33	2.00	25.33	<=33.01	Pass	
			74	22.75	2.00	24.75	<=33.01	Pass		
	36		0	21.20	2.00	23.20	<=33.01	Pass		
			18	21.22	2.00	23.22	<=33.01	Pass		
			39	21.06	2.00	23.06	<=33.01	Pass		
	75		0	21.12	2.00	23.12	<=33.01	Pass		
	1907.5		1	0	22.77	2.00	24.77	<=33.01	Pass	
				38	22.68	2.00	24.68	<=33.01	Pass	
74				21.87	2.00	23.87	<=33.01	Pass		
36			0	21.59	2.00	23.59	<=33.01	Pass		
			18	21.54	2.00	23.54	<=33.01	Pass		
			39	21.21	2.00	23.21	<=33.01	Pass		
75			0	21.39	2.00	23.39	<=33.01	Pass		
64QAM			1857.5	1	0	21.85	2.00	23.85	<=33.01	Pass
					38	21.90	2.00	23.90	<=33.01	Pass
	74				21.58	2.00	23.58	<=33.01	Pass	
	36	0		20.40	2.00	22.40	<=33.01	Pass		
		18		20.36	2.00	22.36	<=33.01	Pass		
		39		20.10	2.00	22.10	<=33.01	Pass		



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	1882.5	75	0	20.20	2.00	22.20	<=33.01	Pass	
			1	0	20.88	2.00	22.88	<=33.01	Pass
				38	20.91	2.00	22.91	<=33.01	Pass
		36	74	20.87	2.00	22.87	<=33.01	Pass	
			0	20.23	2.00	22.23	<=33.01	Pass	
			18	20.19	2.00	22.19	<=33.01	Pass	
	1907.5	75	39	20.12	2.00	22.12	<=33.01	Pass	
			0	20.23	2.00	22.23	<=33.01	Pass	
			1	0	21.38	2.00	23.38	<=33.01	Pass
		36	38	21.79	2.00	23.79	<=33.01	Pass	
			74	21.23	2.00	23.23	<=33.01	Pass	
			0	20.56	2.00	22.56	<=33.01	Pass	
	75	18	20.54	2.00	22.54	<=33.01	Pass		
		39	20.31	2.00	22.31	<=33.01	Pass		
		0	20.49	2.00	22.49	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	23.06	2.00	25.06	<=33.01	Pass	
			50	23.42	2.00	25.42	<=33.01	Pass	
			99	22.76	2.00	24.76	<=33.01	Pass	
		50	0	22.33	2.00	24.33	<=33.01	Pass	
			25	22.28	2.00	24.28	<=33.01	Pass	
			50	22.04	2.00	24.04	<=33.01	Pass	
	100	0	22.29	2.00	24.29	<=33.01	Pass		
	1882.5	1	0	23.16	2.00	25.16	<=33.01	Pass	
			50	23.54	2.00	25.54	<=33.01	Pass	
			99	23.19	2.00	25.19	<=33.01	Pass	
		50	0	22.13	2.00	24.13	<=33.01	Pass	
			25	22.21	2.00	24.21	<=33.01	Pass	
			50	22.23	2.00	24.23	<=33.01	Pass	
	100	0	22.22	2.00	24.22	<=33.01	Pass		
	1905	1	0	23.36	2.00	25.36	<=33.01	Pass	
			50	23.79	2.00	25.79	<=33.01	Pass	
			99	22.94	2.00	24.94	<=33.01	Pass	
		50	0	22.44	2.00	24.44	<=33.01	Pass	
			25	22.53	2.00	24.53	<=33.01	Pass	
			50	22.38	2.00	24.38	<=33.01	Pass	
	100	0	22.44	2.00	24.44	<=33.01	Pass		
	16QAM	1860	1	0	22.69	2.00	24.69	<=33.01	Pass
				50	23.09	2.00	25.09	<=33.01	Pass
				99	21.85	2.00	23.85	<=33.01	Pass
50			0	21.41	2.00	23.41	<=33.01	Pass	

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	1882.5	100	25	21.27	2.00	23.27	<=33.01	Pass	
			50	21.09	2.00	23.09	<=33.01	Pass	
			0	21.31	2.00	23.31	<=33.01	Pass	
		1	0	22.26	2.00	24.26	<=33.01	Pass	
			50	22.30	2.00	24.30	<=33.01	Pass	
			99	21.87	2.00	23.87	<=33.01	Pass	
	50	0	21.16	2.00	23.16	<=33.01	Pass		
		25	21.33	2.00	23.33	<=33.01	Pass		
		50	21.24	2.00	23.24	<=33.01	Pass		
	100	0	21.14	2.00	23.14	<=33.01	Pass		
	1905	1	0	23.25	2.00	25.25	<=33.01	Pass	
			50	23.94	2.00	25.94	<=33.01	Pass	
			99	22.66	2.00	24.66	<=33.01	Pass	
		50	0	21.41	2.00	23.41	<=33.01	Pass	
			25	21.52	2.00	23.52	<=33.01	Pass	
			50	21.25	2.00	23.25	<=33.01	Pass	
		100	0	21.40	2.00	23.40	<=33.01	Pass	
		64QAM	1860	1	0	21.65	2.00	23.65	<=33.01
50					21.73	2.00	23.73	<=33.01	Pass
99	21.08				2.00	23.08	<=33.01	Pass	
50	0			20.32	2.00	22.32	<=33.01	Pass	
	25			20.34	2.00	22.34	<=33.01	Pass	
	50			20.16	2.00	22.16	<=33.01	Pass	
100	0		20.10	2.00	22.10	<=33.01	Pass		
1882.5	1		0	21.46	2.00	23.46	<=33.01	Pass	
			50	21.87	2.00	23.87	<=33.01	Pass	
			99	21.73	2.00	23.73	<=33.01	Pass	
	50		0	20.13	2.00	22.13	<=33.01	Pass	
			25	20.13	2.00	22.13	<=33.01	Pass	
			50	20.15	2.00	22.15	<=33.01	Pass	
100	0		20.07	2.00	22.07	<=33.01	Pass		
1905	1		0	21.46	2.00	23.46	<=33.01	Pass	
			50	22.40	2.00	24.40	<=33.01	Pass	
			99	21.40	2.00	23.40	<=33.01	Pass	
	50		0	20.45	2.00	22.45	<=33.01	Pass	
		25	20.53	2.00	22.53	<=33.01	Pass		
		50	20.37	2.00	22.37	<=33.01	Pass		
100	0	20.59	2.00	22.59	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

Band: 25 / 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	1850.7	6	0	20	6.12	8.554	0.0046	-2.5 to 2.5	Pass
					7.2	9.799	0.0053	-2.5 to 2.5	Pass
					8.28	10.686	0.0058	-2.5 to 2.5	Pass
				-30	7.2	10.457	0.0057	-2.5 to 2.5	Pass
				-20	7.2	12.546	0.0068	-2.5 to 2.5	Pass
				-10	7.2	11.988	0.0065	-2.5 to 2.5	Pass
				0	7.2	12.860	0.0069	-2.5 to 2.5	Pass
				10	7.2	12.674	0.0068	-2.5 to 2.5	Pass
				30	7.2	13.962	0.0075	-2.5 to 2.5	Pass
				40	7.2	14.663	0.0079	-2.5 to 2.5	Pass
				50	7.2	14.720	0.0080	-2.5 to 2.5	Pass
				1882.5	6	0	20	6.12	-0.257
	7.2	-1.702	-0.0009					-2.5 to 2.5	Pass
	8.28	-0.086	0.0000					-2.5 to 2.5	Pass
	-30	7.2	-0.329				-0.0002	-2.5 to 2.5	Pass
	-20	7.2	-0.758				-0.0004	-2.5 to 2.5	Pass
	-10	7.2	0.029				0.0000	-2.5 to 2.5	Pass
	0	7.2	-1.874				-0.0010	-2.5 to 2.5	Pass
	10	7.2	-1.531				-0.0008	-2.5 to 2.5	Pass
	30	7.2	-0.987				-0.0005	-2.5 to 2.5	Pass
	40	7.2	-0.815				-0.0004	-2.5 to 2.5	Pass
	50	7.2	-0.272				-0.0001	-2.5 to 2.5	Pass
	1914.3	6	0				20	6.12	-4.749
				7.2	-6.137	-0.0032		-2.5 to 2.5	Pass
				8.28	-3.934	-0.0021		-2.5 to 2.5	Pass
				-30	7.2	-6.852	-0.0036	-2.5 to 2.5	Pass
				-20	7.2	-5.722	-0.0030	-2.5 to 2.5	Pass
				-10	7.2	-5.808	-0.0030	-2.5 to 2.5	Pass
				0	7.2	-5.250	-0.0027	-2.5 to 2.5	Pass
				10	7.2	-6.952	-0.0036	-2.5 to 2.5	Pass
30				7.2	-4.392	-0.0023	-2.5 to 2.5	Pass	
40				7.2	-5.651	-0.0030	-2.5 to 2.5	Pass	
50				7.2	-5.507	-0.0029	-2.5 to 2.5	Pass	
16QAM				1850.7	6	0	20	6.12	15.264
	7.2	14.005	0.0076					-2.5 to 2.5	Pass
	8.28	14.191	0.0077					-2.5 to 2.5	Pass
	-30	7.2	14.448				0.0078	-2.5 to 2.5	Pass
	-20	7.2	12.803				0.0069	-2.5 to 2.5	Pass
	-10	7.2	12.288				0.0066	-2.5 to 2.5	Pass
	0	7.2	11.129				0.0060	-2.5 to 2.5	Pass



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	1882.5	6	0	10	7.2	9.356	0.0051	-2.5 to 2.5	Pass
				30	7.2	9.813	0.0053	-2.5 to 2.5	Pass
				40	7.2	9.470	0.0051	-2.5 to 2.5	Pass
				50	7.2	8.440	0.0046	-2.5 to 2.5	Pass
				20	6.12	0.973	0.0005	-2.5 to 2.5	Pass
					7.2	0.014	0.0000	-2.5 to 2.5	Pass
					8.28	0.687	0.0004	-2.5 to 2.5	Pass
				-30	7.2	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	7.2	0.014	0.0000	-2.5 to 2.5	Pass
				-10	7.2	1.044	0.0006	-2.5 to 2.5	Pass
				0	7.2	-0.501	-0.0003	-2.5 to 2.5	Pass
				10	7.2	2.031	0.0011	-2.5 to 2.5	Pass
	30	7.2	0.286	0.0002	-2.5 to 2.5	Pass			
	40	7.2	-0.257	-0.0001	-2.5 to 2.5	Pass			
	50	7.2	0.601	0.0003	-2.5 to 2.5	Pass			
	1914.3	6	0	20	6.12	-5.822	-0.0030	-2.5 to 2.5	Pass
					7.2	-8.268	-0.0043	-2.5 to 2.5	Pass
					8.28	-8.483	-0.0044	-2.5 to 2.5	Pass
				-30	7.2	-7.153	-0.0037	-2.5 to 2.5	Pass
				-20	7.2	-9.170	-0.0048	-2.5 to 2.5	Pass
				-10	7.2	-11.144	-0.0058	-2.5 to 2.5	Pass
				0	7.2	-10.943	-0.0057	-2.5 to 2.5	Pass
				10	7.2	-14.148	-0.0074	-2.5 to 2.5	Pass
				30	7.2	-10.500	-0.0055	-2.5 to 2.5	Pass
40				7.2	-12.431	-0.0065	-2.5 to 2.5	Pass	
50				7.2	-15.221	-0.0080	-2.5 to 2.5	Pass	
64QAM				1850.7	6	0	20	6.12	13.915
	7.2	5.307	0.0029					-2.5 to 2.5	Pass
	8.28	18.204	0.0098					-2.5 to 2.5	Pass
	-30	7.2	18.341				0.0099	-2.5 to 2.5	Pass
	-20	7.2	17.236				0.0093	-2.5 to 2.5	Pass
	-10	7.2	2.043				0.0011	-2.5 to 2.5	Pass
	0	7.2	20.278				0.0110	-2.5 to 2.5	Pass
	10	7.2	15.315				0.0083	-2.5 to 2.5	Pass
	30	7.2	15.106				0.0082	-2.5 to 2.5	Pass
	40	7.2	14.610				0.0079	-2.5 to 2.5	Pass
	50	7.2	7.380				0.0040	-2.5 to 2.5	Pass
	1882.5	6	0				20	6.12	4.740
				7.2	0.229	0.0001		-2.5 to 2.5	Pass
				8.28	3.256	0.0017		-2.5 to 2.5	Pass
				-30	7.2	-4.929	-0.0026	-2.5 to 2.5	Pass
				-20	7.2	4.408	0.0023	-2.5 to 2.5	Pass
				-10	7.2	2.825	0.0015	-2.5 to 2.5	Pass
				0	7.2	2.178	0.0012	-2.5 to 2.5	Pass
				10	7.2	-6.199	-0.0033	-2.5 to 2.5	Pass
				30	7.2	3.713	0.0020	-2.5 to 2.5	Pass
				40	7.2	-0.272	-0.0001	-2.5 to 2.5	Pass
				50	7.2	-0.211	-0.0001	-2.5 to 2.5	Pass
				1914.3	6	0	20	6.12	-14.678
	7.2	-20.496	-0.0107					-2.5 to 2.5	Pass
8.28	-11.874	-0.0062	-2.5 to 2.5					Pass	



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				-30	7.2	-15.445	-0.0081	-2.5 to 2.5	Pass
				-20	7.2	-14.492	-0.0076	-2.5 to 2.5	Pass
				-10	7.2	-25.840	-0.0135	-2.5 to 2.5	Pass
				0	7.2	-7.627	-0.0040	-2.5 to 2.5	Pass
				10	7.2	-9.434	-0.0049	-2.5 to 2.5	Pass
				30	7.2	-12.017	-0.0063	-2.5 to 2.5	Pass
				40	7.2	-9.540	-0.0050	-2.5 to 2.5	Pass
				50	7.2	-15.937	-0.0083	-2.5 to 2.5	Pass

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1851.5	15	0	20	6.12	-0.501	-0.0003	-2.5 to 2.5	Pass	
					7.2	0.458	0.0002	-2.5 to 2.5	Pass	
					8.28	0.443	0.0002	-2.5 to 2.5	Pass	
				-30	7.2	-0.315	-0.0002	-2.5 to 2.5	Pass	
					-20	7.2	0.787	0.0004	-2.5 to 2.5	Pass
						7.2	0.801	0.0004	-2.5 to 2.5	Pass
				0	7.2	0.000	0.0000	-2.5 to 2.5	Pass	
					10	7.2	0.343	0.0002	-2.5 to 2.5	Pass
				30	7.2	-0.372	-0.0002	-2.5 to 2.5	Pass	
					40	7.2	0.515	0.0003	-2.5 to 2.5	Pass
				50	7.2	-0.801	-0.0004	-2.5 to 2.5	Pass	
				1882.5	15	0	20	6.12	1.674	0.0009
	7.2	2.689	0.0014					-2.5 to 2.5	Pass	
	8.28	2.503	0.0013					-2.5 to 2.5	Pass	
	-30	7.2	2.532				0.0013	-2.5 to 2.5	Pass	
		-20	7.2				3.290	0.0017	-2.5 to 2.5	Pass
			7.2				2.060	0.0011	-2.5 to 2.5	Pass
	0	7.2	1.459				0.0008	-2.5 to 2.5	Pass	
		10	7.2				3.033	0.0016	-2.5 to 2.5	Pass
	30	7.2	2.861				0.0015	-2.5 to 2.5	Pass	
		40	7.2				2.074	0.0011	-2.5 to 2.5	Pass
	50	7.2	1.588				0.0008	-2.5 to 2.5	Pass	
	1913.5	15	0				20	6.12	-1.359	-0.0007
				7.2	-1.459	-0.0008		-2.5 to 2.5	Pass	
8.28				-1.559	-0.0008	-2.5 to 2.5		Pass		
-30				7.2	-1.645	-0.0009	-2.5 to 2.5	Pass		
				-20	7.2	-2.632	-0.0014	-2.5 to 2.5	Pass	
					7.2	-1.073	-0.0006	-2.5 to 2.5	Pass	
0				7.2	-1.645	-0.0009	-2.5 to 2.5	Pass		
				10	7.2	-1.960	-0.0010	-2.5 to 2.5	Pass	
30				7.2	-1.116	-0.0006	-2.5 to 2.5	Pass		
				40	7.2	-0.358	-0.0002	-2.5 to 2.5	Pass	
50				7.2	-1.130	-0.0006	-2.5 to 2.5	Pass		

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16QAM	1851.5	15	0	20	6.12	0.858	0.0005	-2.5 to 2.5	Pass				
					7.2	-0.315	-0.0002	-2.5 to 2.5	Pass				
					8.28	0.200	0.0001	-2.5 to 2.5	Pass				
				-30	7.2	-0.687	-0.0004	-2.5 to 2.5	Pass				
					-20	7.2	-0.443	-0.0002	-2.5 to 2.5	Pass			
						-10	7.2	-0.143	-0.0001	-2.5 to 2.5	Pass		
				1882.5	15	0	20	6.12	2.174	0.0012	-2.5 to 2.5	Pass	
								7.2	2.046	0.0011	-2.5 to 2.5	Pass	
								8.28	2.832	0.0015	-2.5 to 2.5	Pass	
	-30	7.2	2.389				0.0013	-2.5 to 2.5	Pass				
		-20	7.2				1.903	0.0010	-2.5 to 2.5	Pass			
			-10				7.2	2.275	0.0012	-2.5 to 2.5	Pass		
	1913.5	15	0				20	6.12	-0.758	-0.0004	-2.5 to 2.5	Pass	
								7.2	-2.604	-0.0014	-2.5 to 2.5	Pass	
				8.28	-1.602	-0.0008		-2.5 to 2.5	Pass				
				-30	7.2	-2.875	-0.0015	-2.5 to 2.5	Pass				
					-20	7.2	-1.960	-0.0010	-2.5 to 2.5	Pass			
						-10	7.2	-2.747	-0.0014	-2.5 to 2.5	Pass		
				64QAM	1851.5	15	0	20	6.12	2.569	0.0014	-2.5 to 2.5	Pass
									7.2	-11.310	-0.0061	-2.5 to 2.5	Pass
	8.28	13.094	0.0071						-2.5 to 2.5	Pass			
	-30	7.2	-1.679					-0.0009	-2.5 to 2.5	Pass			
		-20	7.2					1.637	0.0009	-2.5 to 2.5	Pass		
			-10					7.2	-6.399	-0.0035	-2.5 to 2.5	Pass	
	1882.5	15	0					20	6.12	5.495	0.0030	-2.5 to 2.5	Pass
									7.2	0.092	0.0000	-2.5 to 2.5	Pass
				8.28					-0.463	-0.0003	-2.5 to 2.5	Pass	
-30				7.2	-6.271	-0.0034	-2.5 to 2.5	Pass					
				-20	7.2	6.870	0.0037	-2.5 to 2.5	Pass				
					-10	7.2	6.12	9.622	0.0051	-2.5 to 2.5	Pass		
64QAM				1882.5	15	0	20	7.2	0.020	0.0000	-2.5 to 2.5	Pass	
								8.28	4.232	0.0022	-2.5 to 2.5	Pass	
	-30	7.2	-4.982					-0.0026	-2.5 to 2.5	Pass			
	-20	7.2	14.028				0.0075	-2.5 to 2.5	Pass				
		-10	7.2				2.068	0.0011	-2.5 to 2.5	Pass			
			0				7.2	4.110	0.0022	-2.5 to 2.5	Pass		



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	1913.5	15	0	10	7.2	-7.691	-0.0041	-2.5 to 2.5	Pass
				30	7.2	9.194	0.0049	-2.5 to 2.5	Pass
				40	7.2	8.895	0.0047	-2.5 to 2.5	Pass
				50	7.2	0.942	0.0005	-2.5 to 2.5	Pass
				20	6.12	-7.708	-0.0040	-2.5 to 2.5	Pass
					7.2	-0.901	-0.0005	-2.5 to 2.5	Pass
					8.28	-7.613	-0.0040	-2.5 to 2.5	Pass
				-30	7.2	6.558	0.0034	-2.5 to 2.5	Pass
				-20	7.2	-3.338	-0.0017	-2.5 to 2.5	Pass
				-10	7.2	0.979	0.0005	-2.5 to 2.5	Pass
				0	7.2	-1.234	-0.0006	-2.5 to 2.5	Pass
				10	7.2	4.489	0.0023	-2.5 to 2.5	Pass
				30	7.2	-2.529	-0.0013	-2.5 to 2.5	Pass
				40	7.2	-1.285	-0.0007	-2.5 to 2.5	Pass
				50	7.2	-13.999	-0.0073	-2.5 to 2.5	Pass

2.3 B25_5MHz

2.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	6.12	0.358	0.0002	-2.5 to 2.5	Pass
					7.2	-0.229	-0.0001	-2.5 to 2.5	Pass
					8.28	-0.415	-0.0002	-2.5 to 2.5	Pass
				-30	7.2	-1.116	-0.0006	-2.5 to 2.5	Pass
				-20	7.2	-0.587	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	-0.315	-0.0002	-2.5 to 2.5	Pass
				0	7.2	0.443	0.0002	-2.5 to 2.5	Pass
				10	7.2	1.073	0.0006	-2.5 to 2.5	Pass
				30	7.2	0.615	0.0003	-2.5 to 2.5	Pass
				40	7.2	-0.787	-0.0004	-2.5 to 2.5	Pass
				50	7.2	-0.901	-0.0005	-2.5 to 2.5	Pass
				1882.5	25	0	20	6.12	1.688
	7.2	3.233	0.0017					-2.5 to 2.5	Pass
	8.28	3.633	0.0019					-2.5 to 2.5	Pass
	-30	7.2	1.674				0.0009	-2.5 to 2.5	Pass
	-20	7.2	2.360				0.0013	-2.5 to 2.5	Pass
	-10	7.2	1.888				0.0010	-2.5 to 2.5	Pass
	0	7.2	1.831				0.0010	-2.5 to 2.5	Pass
	10	7.2	3.576				0.0019	-2.5 to 2.5	Pass
	30	7.2	3.791				0.0020	-2.5 to 2.5	Pass
	40	7.2	2.818				0.0015	-2.5 to 2.5	Pass
	50	7.2	2.460				0.0013	-2.5 to 2.5	Pass
	1912.5	25	0				20	6.12	-2.503
				7.2	-2.003	-0.0010		-2.5 to 2.5	Pass
				8.28	-0.930	-0.0005		-2.5 to 2.5	Pass
				-30	7.2	-2.031	-0.0011	-2.5 to 2.5	Pass



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				-20	7.2	-1.488	-0.0008	-2.5 to 2.5	Pass
				-10	7.2	-1.187	-0.0006	-2.5 to 2.5	Pass
				0	7.2	-2.060	-0.0011	-2.5 to 2.5	Pass
				10	7.2	-0.844	-0.0004	-2.5 to 2.5	Pass
				30	7.2	-1.130	-0.0006	-2.5 to 2.5	Pass
				40	7.2	-1.659	-0.0009	-2.5 to 2.5	Pass
				50	7.2	-1.531	-0.0008	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	6.12	-1.445	-0.0008	-2.5 to 2.5	Pass
					7.2	-0.243	-0.0001	-2.5 to 2.5	Pass
					8.28	-0.687	-0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.014	0.0000	-2.5 to 2.5	Pass
				-20	7.2	-1.717	-0.0009	-2.5 to 2.5	Pass
				-10	7.2	0.072	0.0000	-2.5 to 2.5	Pass
				0	7.2	-1.945	-0.0010	-2.5 to 2.5	Pass
				10	7.2	-0.172	-0.0001	-2.5 to 2.5	Pass
				30	7.2	0.000	0.0000	-2.5 to 2.5	Pass
				40	7.2	-1.631	-0.0009	-2.5 to 2.5	Pass
				50	7.2	-0.615	-0.0003	-2.5 to 2.5	Pass
				1882.5	25	0	20	6.12	3.347
	7.2	3.605	0.0019					-2.5 to 2.5	Pass
	8.28	3.548	0.0019					-2.5 to 2.5	Pass
	-30	7.2	3.819				0.0020	-2.5 to 2.5	Pass
	-20	7.2	3.476				0.0018	-2.5 to 2.5	Pass
	-10	7.2	4.220				0.0022	-2.5 to 2.5	Pass
	0	7.2	3.219				0.0017	-2.5 to 2.5	Pass
	10	7.2	3.848				0.0020	-2.5 to 2.5	Pass
	30	7.2	4.492				0.0024	-2.5 to 2.5	Pass
	40	7.2	4.463				0.0024	-2.5 to 2.5	Pass
	50	7.2	5.164				0.0027	-2.5 to 2.5	Pass
	1912.5	25	0				20	6.12	-1.101
				7.2	-1.960	-0.0010		-2.5 to 2.5	Pass
8.28				-1.659	-0.0009	-2.5 to 2.5		Pass	
-30				7.2	-2.375	-0.0012	-2.5 to 2.5	Pass	
-20				7.2	-1.402	-0.0007	-2.5 to 2.5	Pass	
-10				7.2	-1.702	-0.0009	-2.5 to 2.5	Pass	
0				7.2	-1.760	-0.0009	-2.5 to 2.5	Pass	
10				7.2	-0.687	-0.0004	-2.5 to 2.5	Pass	
30				7.2	-1.073	-0.0006	-2.5 to 2.5	Pass	
40				7.2	-1.731	-0.0009	-2.5 to 2.5	Pass	
50				7.2	-0.987	-0.0005	-2.5 to 2.5	Pass	
64QAM				1852.5	25	0	20	6.12	-4.396
	7.2	7.867	0.0042					-2.5 to 2.5	Pass
	8.28	2.300	0.0012					-2.5 to 2.5	Pass
	-30	7.2	2.523				0.0014	-2.5 to 2.5	Pass
	-20	7.2	-2.641				-0.0014	-2.5 to 2.5	Pass
	-10	7.2	6.896				0.0037	-2.5 to 2.5	Pass
	0	7.2	0.479				0.0003	-2.5 to 2.5	Pass
	10	7.2	3.984				0.0022	-2.5 to 2.5	Pass
	30	7.2	-3.848				-0.0021	-2.5 to 2.5	Pass
	40	7.2	7.292				0.0039	-2.5 to 2.5	Pass
	50	7.2	-0.804				-0.0004	-2.5 to 2.5	Pass



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	1882.5	25	0	20	6.12	18.902	0.0100	-2.5 to 2.5	Pass	
					7.2	0.935	0.0005	-2.5 to 2.5	Pass	
					8.28	4.024	0.0021	-2.5 to 2.5	Pass	
				-30	7.2	-4.096	-0.0022	-2.5 to 2.5	Pass	
					-20	7.2	10.670	0.0057	-2.5 to 2.5	Pass
						-10	7.2	0.914	0.0005	-2.5 to 2.5
				0	7.2	4.105	0.0022	-2.5 to 2.5	Pass	
					7.2	-10.188	-0.0054	-2.5 to 2.5	Pass	
					30	7.2	14.961	0.0079	-2.5 to 2.5	Pass
	40	7.2	-0.655		-0.0003	-2.5 to 2.5	Pass			
	50	7.2	-0.308		-0.0002	-2.5 to 2.5	Pass			
	1912.5	25	0		20	6.12	-0.677	-0.0004	-2.5 to 2.5	Pass
				7.2		-13.992	-0.0073	-2.5 to 2.5	Pass	
				8.28		11.520	0.0060	-2.5 to 2.5	Pass	
				-30	7.2	-5.298	-0.0028	-2.5 to 2.5	Pass	
					-20	7.2	-0.776	-0.0004	-2.5 to 2.5	Pass
						-10	7.2	-9.713	-0.0051	-2.5 to 2.5
				0	7.2	2.540	0.0013	-2.5 to 2.5	Pass	
10					7.2	-3.048	-0.0016	-2.5 to 2.5	Pass	
30					7.2	-1.915	-0.0010	-2.5 to 2.5	Pass	
40	7.2	-8.608	-0.0045		-2.5 to 2.5	Pass				
50	7.2	3.653	0.0019		-2.5 to 2.5	Pass				

2.4 B25_10MHz

2.4.1 Test Result

Band: 25 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1855	50	0	20	6.12	-1.774	-0.0010	-2.5 to 2.5	Pass	
					7.2	-2.375	-0.0013	-2.5 to 2.5	Pass	
					8.28	-2.217	-0.0012	-2.5 to 2.5	Pass	
				-30	7.2	-2.503	-0.0013	-2.5 to 2.5	Pass	
					-20	7.2	-1.445	-0.0008	-2.5 to 2.5	Pass
						-10	7.2	-1.502	-0.0008	-2.5 to 2.5
				0	7.2	-1.974	-0.0011	-2.5 to 2.5	Pass	
					10	7.2	-2.503	-0.0013	-2.5 to 2.5	Pass
					30	7.2	-2.289	-0.0012	-2.5 to 2.5	Pass
	40	7.2	-3.018		-0.0016	-2.5 to 2.5	Pass			
	50	7.2	-2.303		-0.0012	-2.5 to 2.5	Pass			
	1882.5	50	0		20	6.12	0.658	0.0003	-2.5 to 2.5	Pass
				7.2		1.502	0.0008	-2.5 to 2.5	Pass	
				8.28		1.674	0.0009	-2.5 to 2.5	Pass	
				-30	7.2	0.443	0.0002	-2.5 to 2.5	Pass	
					-20	7.2	1.459	0.0008	-2.5 to 2.5	Pass
						-10	7.2	0.772	0.0004	-2.5 to 2.5
				0	7.2	1.016	0.0005	-2.5 to 2.5	Pass	
10					7.2	0.272	0.0001	-2.5 to 2.5	Pass	

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	1910	50	0	30	7.2	0.200	0.0001	-2.5 to 2.5	Pass
				40	7.2	1.745	0.0009	-2.5 to 2.5	Pass
				50	7.2	1.159	0.0006	-2.5 to 2.5	Pass
				20	6.12	-1.788	-0.0009	-2.5 to 2.5	Pass
					7.2	-1.674	-0.0009	-2.5 to 2.5	Pass
					8.28	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	7.2	-1.788	-0.0009	-2.5 to 2.5	Pass
				-20	7.2	-0.658	-0.0003	-2.5 to 2.5	Pass
				-10	7.2	-1.974	-0.0010	-2.5 to 2.5	Pass
				0	7.2	-1.202	-0.0006	-2.5 to 2.5	Pass
				10	7.2	-1.545	-0.0008	-2.5 to 2.5	Pass
				30	7.2	-0.701	-0.0004	-2.5 to 2.5	Pass
				40	7.2	-0.658	-0.0003	-2.5 to 2.5	Pass
50	7.2	-1.945	-0.0010	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	6.12	-1.845	-0.0010	-2.5 to 2.5	Pass
					7.2	-2.031	-0.0011	-2.5 to 2.5	Pass
					8.28	-2.246	-0.0012	-2.5 to 2.5	Pass
				-30	7.2	-1.416	-0.0008	-2.5 to 2.5	Pass
				-20	7.2	-1.116	-0.0006	-2.5 to 2.5	Pass
				-10	7.2	-2.689	-0.0014	-2.5 to 2.5	Pass
				0	7.2	-2.074	-0.0011	-2.5 to 2.5	Pass
				10	7.2	-2.017	-0.0011	-2.5 to 2.5	Pass
				30	7.2	-2.460	-0.0013	-2.5 to 2.5	Pass
				40	7.2	-1.588	-0.0009	-2.5 to 2.5	Pass
	50	7.2	-2.103	-0.0011	-2.5 to 2.5	Pass			
	1882.5	50	0	20	6.12	1.001	0.0005	-2.5 to 2.5	Pass
					7.2	0.701	0.0004	-2.5 to 2.5	Pass
					8.28	1.259	0.0007	-2.5 to 2.5	Pass
				-30	7.2	0.858	0.0005	-2.5 to 2.5	Pass
				-20	7.2	1.831	0.0010	-2.5 to 2.5	Pass
				-10	7.2	1.702	0.0009	-2.5 to 2.5	Pass
				0	7.2	1.473	0.0008	-2.5 to 2.5	Pass
				10	7.2	2.260	0.0012	-2.5 to 2.5	Pass
				30	7.2	0.987	0.0005	-2.5 to 2.5	Pass
				40	7.2	0.529	0.0003	-2.5 to 2.5	Pass
50				7.2	0.544	0.0003	-2.5 to 2.5	Pass	
1910	50	0	20	6.12	-1.030	-0.0005	-2.5 to 2.5	Pass	
				7.2	-0.858	-0.0004	-2.5 to 2.5	Pass	
				8.28	-1.688	-0.0009	-2.5 to 2.5	Pass	
			-30	7.2	-1.945	-0.0010	-2.5 to 2.5	Pass	
			-20	7.2	-1.016	-0.0005	-2.5 to 2.5	Pass	
			-10	7.2	-0.858	-0.0004	-2.5 to 2.5	Pass	
			0	7.2	-1.316	-0.0007	-2.5 to 2.5	Pass	
			10	7.2	-1.802	-0.0009	-2.5 to 2.5	Pass	
			30	7.2	-1.559	-0.0008	-2.5 to 2.5	Pass	
			40	7.2	-0.486	-0.0003	-2.5 to 2.5	Pass	
50	7.2	-1.273	-0.0007	-2.5 to 2.5	Pass				
64QAM	1855	50	0	20	6.12	-7.972	-0.0043	-2.5 to 2.5	Pass
					7.2	12.717	0.0069	-2.5 to 2.5	Pass
					8.28	-2.973	-0.0016	-2.5 to 2.5	Pass
				-30	7.2	5.329	0.0029	-2.5 to 2.5	Pass

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				-20	7.2	-9.907	-0.0053	-2.5 to 2.5	Pass			
				-10	7.2	11.277	0.0061	-2.5 to 2.5	Pass			
				0	7.2	-5.318	-0.0029	-2.5 to 2.5	Pass			
				10	7.2	-4.061	-0.0022	-2.5 to 2.5	Pass			
				30	7.2	-12.532	-0.0068	-2.5 to 2.5	Pass			
				40	7.2	4.309	0.0023	-2.5 to 2.5	Pass			
				50	7.2	-2.721	-0.0015	-2.5 to 2.5	Pass			
	1882.5	50	0	20	6.12	1.054	0.0006	-2.5 to 2.5	Pass			
					7.2	2.827	0.0015	-2.5 to 2.5	Pass			
					8.28	3.082	0.0016	-2.5 to 2.5	Pass			
				-30	7.2	-3.582	-0.0019	-2.5 to 2.5	Pass			
				-20	7.2	13.954	0.0074	-2.5 to 2.5	Pass			
				-10	7.2	0.025	0.0000	-2.5 to 2.5	Pass			
				0	7.2	4.320	0.0023	-2.5 to 2.5	Pass			
				10	7.2	-4.050	-0.0022	-2.5 to 2.5	Pass			
				30	7.2	12.922	0.0069	-2.5 to 2.5	Pass			
				40	7.2	-4.446	-0.0024	-2.5 to 2.5	Pass			
				50	7.2	2.957	0.0016	-2.5 to 2.5	Pass			
				1910	50	0	20	6.12	0.163	0.0001	-2.5 to 2.5	Pass
								7.2	0.450	0.0002	-2.5 to 2.5	Pass
								8.28	-6.410	-0.0034	-2.5 to 2.5	Pass
	-30	7.2	5.965				0.0031	-2.5 to 2.5	Pass			
	-20	7.2	-6.621				-0.0035	-2.5 to 2.5	Pass			
	-10	7.2	-1.953				-0.0010	-2.5 to 2.5	Pass			
	0	7.2	-6.742				-0.0035	-2.5 to 2.5	Pass			
	10	7.2	17.026				0.0089	-2.5 to 2.5	Pass			
	30	7.2	-1.215				-0.0006	-2.5 to 2.5	Pass			
	40	7.2	1.579				0.0008	-2.5 to 2.5	Pass			
50	7.2	-15.363	-0.0080				-2.5 to 2.5	Pass				

2.5 B25_15MHz

2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	6.12	-2.146	-0.0012	-2.5 to 2.5	Pass
					7.2	-2.475	-0.0013	-2.5 to 2.5	Pass
					8.28	-2.689	-0.0014	-2.5 to 2.5	Pass
				-30	7.2	-2.861	-0.0015	-2.5 to 2.5	Pass
				-20	7.2	-2.804	-0.0015	-2.5 to 2.5	Pass
				-10	7.2	-2.732	-0.0015	-2.5 to 2.5	Pass
				0	7.2	-2.875	-0.0015	-2.5 to 2.5	Pass
				10	7.2	-2.131	-0.0011	-2.5 to 2.5	Pass
				30	7.2	-3.147	-0.0017	-2.5 to 2.5	Pass
				40	7.2	-2.232	-0.0012	-2.5 to 2.5	Pass
				50	7.2	-3.047	-0.0016	-2.5 to 2.5	Pass
				1882.5	75	0	20	6.12	1.431



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					7.2	1.230	0.0007	-2.5 to 2.5	Pass
					8.28	2.146	0.0011	-2.5 to 2.5	Pass
				-30	7.2	1.044	0.0006	-2.5 to 2.5	Pass
				-20	7.2	1.745	0.0009	-2.5 to 2.5	Pass
				-10	7.2	2.518	0.0013	-2.5 to 2.5	Pass
				0	7.2	1.287	0.0007	-2.5 to 2.5	Pass
				10	7.2	0.973	0.0005	-2.5 to 2.5	Pass
				30	7.2	0.486	0.0003	-2.5 to 2.5	Pass
				40	7.2	1.817	0.0010	-2.5 to 2.5	Pass
	50	7.2	1.330	0.0007	-2.5 to 2.5	Pass			
	1907.5	75	0		6.12	1.202	0.0006	-2.5 to 2.5	Pass
				20	7.2	1.087	0.0006	-2.5 to 2.5	Pass
					8.28	0.687	0.0004	-2.5 to 2.5	Pass
				-30	7.2	0.329	0.0002	-2.5 to 2.5	Pass
				-20	7.2	0.615	0.0003	-2.5 to 2.5	Pass
				-10	7.2	0.758	0.0004	-2.5 to 2.5	Pass
				0	7.2	-0.086	0.0000	-2.5 to 2.5	Pass
				10	7.2	1.016	0.0005	-2.5 to 2.5	Pass
30				7.2	0.386	0.0002	-2.5 to 2.5	Pass	
40	7.2	0.587	0.0003	-2.5 to 2.5	Pass				
50	7.2	0.601	0.0003	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0		6.12	-2.747	-0.0015	-2.5 to 2.5	Pass
				20	7.2	-2.632	-0.0014	-2.5 to 2.5	Pass
					8.28	-1.960	-0.0011	-2.5 to 2.5	Pass
				-30	7.2	-1.860	-0.0010	-2.5 to 2.5	Pass
				-20	7.2	-3.405	-0.0018	-2.5 to 2.5	Pass
				-10	7.2	-2.947	-0.0016	-2.5 to 2.5	Pass
				0	7.2	-2.961	-0.0016	-2.5 to 2.5	Pass
				10	7.2	-3.490	-0.0019	-2.5 to 2.5	Pass
				30	7.2	-2.232	-0.0012	-2.5 to 2.5	Pass
	40	7.2	-2.661	-0.0014	-2.5 to 2.5	Pass			
	50	7.2	-3.247	-0.0017	-2.5 to 2.5	Pass			
	1882.5	75	0		6.12	2.275	0.0012	-2.5 to 2.5	Pass
				20	7.2	1.488	0.0008	-2.5 to 2.5	Pass
					8.28	2.031	0.0011	-2.5 to 2.5	Pass
				-30	7.2	0.601	0.0003	-2.5 to 2.5	Pass
				-20	7.2	1.216	0.0006	-2.5 to 2.5	Pass
				-10	7.2	2.017	0.0011	-2.5 to 2.5	Pass
				0	7.2	1.016	0.0005	-2.5 to 2.5	Pass
10				7.2	1.159	0.0006	-2.5 to 2.5	Pass	
30				7.2	1.917	0.0010	-2.5 to 2.5	Pass	
40	7.2	0.858	0.0005	-2.5 to 2.5	Pass				
50	7.2	1.101	0.0006	-2.5 to 2.5	Pass				
1907.5	75	0		6.12	0.587	0.0003	-2.5 to 2.5	Pass	
			20	7.2	0.901	0.0005	-2.5 to 2.5	Pass	
				8.28	0.758	0.0004	-2.5 to 2.5	Pass	
			-30	7.2	-0.572	-0.0003	-2.5 to 2.5	Pass	
			-20	7.2	0.658	0.0003	-2.5 to 2.5	Pass	
			-10	7.2	1.359	0.0007	-2.5 to 2.5	Pass	
			0	7.2	0.744	0.0004	-2.5 to 2.5	Pass	
10	7.2	-0.029	0.0000	-2.5 to 2.5	Pass				



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64QAM	1857.5	75	0	30	7.2	1.273	0.0007	-2.5 to 2.5	Pass
				40	7.2	1.330	0.0007	-2.5 to 2.5	Pass
				50	7.2	0.443	0.0002	-2.5 to 2.5	Pass
				20	6.12	14.826	0.0080	-2.5 to 2.5	Pass
					7.2	-4.726	-0.0025	-2.5 to 2.5	Pass
					8.28	4.812	0.0026	-2.5 to 2.5	Pass
				-30	7.2	-11.098	-0.0060	-2.5 to 2.5	Pass
				-20	7.2	3.094	0.0017	-2.5 to 2.5	Pass
				-10	7.2	3.884	0.0021	-2.5 to 2.5	Pass
				0	7.2	-3.587	-0.0019	-2.5 to 2.5	Pass
	10	7.2	0.659	0.0004	-2.5 to 2.5	Pass			
	30	7.2	-14.259	-0.0077	-2.5 to 2.5	Pass			
	40	7.2	2.134	0.0011	-2.5 to 2.5	Pass			
	50	7.2	-2.827	-0.0015	-2.5 to 2.5	Pass			
	1882.5	75	0	20	6.12	-0.584	-0.0003	-2.5 to 2.5	Pass
					7.2	1.014	0.0005	-2.5 to 2.5	Pass
					8.28	-5.091	-0.0027	-2.5 to 2.5	Pass
				-30	7.2	-4.541	-0.0024	-2.5 to 2.5	Pass
				-20	7.2	8.039	0.0043	-2.5 to 2.5	Pass
				-10	7.2	3.499	0.0019	-2.5 to 2.5	Pass
				0	7.2	6.548	0.0035	-2.5 to 2.5	Pass
				10	7.2	-10.270	-0.0055	-2.5 to 2.5	Pass
				30	7.2	16.578	0.0088	-2.5 to 2.5	Pass
				40	7.2	0.448	0.0002	-2.5 to 2.5	Pass
	50	7.2	6.803	0.0036	-2.5 to 2.5	Pass			
	1907.5	75	0	20	6.12	1.211	0.0006	-2.5 to 2.5	Pass
					7.2	0.125	0.0001	-2.5 to 2.5	Pass
					8.28	6.030	0.0032	-2.5 to 2.5	Pass
				-30	7.2	4.259	0.0022	-2.5 to 2.5	Pass
				-20	7.2	2.988	0.0016	-2.5 to 2.5	Pass
-10				7.2	6.212	0.0033	-2.5 to 2.5	Pass	
0				7.2	-6.235	-0.0033	-2.5 to 2.5	Pass	
10				7.2	7.535	0.0040	-2.5 to 2.5	Pass	
30				7.2	0.407	0.0002	-2.5 to 2.5	Pass	
40				7.2	-1.367	-0.0007	-2.5 to 2.5	Pass	
50	7.2	-5.474	-0.0029	-2.5 to 2.5	Pass				

2.6 B25_20MHz

2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1860	100	0	20	6.12	1.802	0.0010	-2.5 to 2.5	Pass	
					7.2	1.287	0.0007	-2.5 to 2.5	Pass	
					8.28	1.931	0.0010	-2.5 to 2.5	Pass	
					-30	7.2	0.615	0.0003	-2.5 to 2.5	Pass
					-20	7.2	1.073	0.0006	-2.5 to 2.5	Pass



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16QAM				-10	7.2	1.802	0.0010	-2.5 to 2.5	Pass		
				0	7.2	1.802	0.0010	-2.5 to 2.5	Pass		
				10	7.2	0.973	0.0005	-2.5 to 2.5	Pass		
				30	7.2	1.917	0.0010	-2.5 to 2.5	Pass		
				40	7.2	1.674	0.0009	-2.5 to 2.5	Pass		
				50	7.2	0.587	0.0003	-2.5 to 2.5	Pass		
	1882.5	100	0	20	6.12	1.702	0.0009	-2.5 to 2.5	Pass		
					7.2	1.459	0.0008	-2.5 to 2.5	Pass		
					8.28	2.403	0.0013	-2.5 to 2.5	Pass		
				-30	7.2	1.245	0.0007	-2.5 to 2.5	Pass		
				-20	7.2	1.988	0.0011	-2.5 to 2.5	Pass		
				-10	7.2	1.359	0.0007	-2.5 to 2.5	Pass		
				0	7.2	1.559	0.0008	-2.5 to 2.5	Pass		
				10	7.2	1.245	0.0007	-2.5 to 2.5	Pass		
				30	7.2	1.545	0.0008	-2.5 to 2.5	Pass		
				40	7.2	0.615	0.0003	-2.5 to 2.5	Pass		
				50	7.2	1.287	0.0007	-2.5 to 2.5	Pass		
				1905	100	0	20	6.12	0.730	0.0004	-2.5 to 2.5
	7.2	0.243	0.0001					-2.5 to 2.5	Pass		
	8.28	1.044	0.0005					-2.5 to 2.5	Pass		
	-30	7.2	0.658				0.0003	-2.5 to 2.5	Pass		
	-20	7.2	0.629				0.0003	-2.5 to 2.5	Pass		
	-10	7.2	0.186				0.0001	-2.5 to 2.5	Pass		
	0	7.2	0.315				0.0002	-2.5 to 2.5	Pass		
	10	7.2	0.615				0.0003	-2.5 to 2.5	Pass		
	30	7.2	-0.558				-0.0003	-2.5 to 2.5	Pass		
	40	7.2	-0.300				-0.0002	-2.5 to 2.5	Pass		
	1860	100	0	20	6.12	1.488	0.0008	-2.5 to 2.5	Pass		
					7.2	0.443	0.0002	-2.5 to 2.5	Pass		
					8.28	0.772	0.0004	-2.5 to 2.5	Pass		
				-30	7.2	1.473	0.0008	-2.5 to 2.5	Pass		
				-20	7.2	0.916	0.0005	-2.5 to 2.5	Pass		
				-10	7.2	0.687	0.0004	-2.5 to 2.5	Pass		
0				7.2	1.802	0.0010	-2.5 to 2.5	Pass			
10				7.2	2.389	0.0013	-2.5 to 2.5	Pass			
30				7.2	1.817	0.0010	-2.5 to 2.5	Pass			
40				7.2	0.372	0.0002	-2.5 to 2.5	Pass			
50				7.2	1.831	0.0010	-2.5 to 2.5	Pass			
1882.5				100	0	20	6.12	0.143	0.0001	-2.5 to 2.5	Pass
							7.2	1.416	0.0008	-2.5 to 2.5	Pass
							8.28	1.302	0.0007	-2.5 to 2.5	Pass
						-30	7.2	1.187	0.0006	-2.5 to 2.5	Pass
						-20	7.2	0.801	0.0004	-2.5 to 2.5	Pass
						-10	7.2	0.358	0.0002	-2.5 to 2.5	Pass
						0	7.2	0.415	0.0002	-2.5 to 2.5	Pass
	10	7.2	0.329			0.0002	-2.5 to 2.5	Pass			
	30	7.2	1.059			0.0006	-2.5 to 2.5	Pass			
	40	7.2	0.472			0.0003	-2.5 to 2.5	Pass			
	50	7.2	1.259			0.0007	-2.5 to 2.5	Pass			
	1905	100	0			20	6.12	0.944	0.0005	-2.5 to 2.5	Pass



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					7.2	1.044	0.0005	-2.5 to 2.5	Pass
					8.28	1.245	0.0007	-2.5 to 2.5	Pass
				-30	7.2	1.431	0.0008	-2.5 to 2.5	Pass
				-20	7.2	0.830	0.0004	-2.5 to 2.5	Pass
				-10	7.2	-0.329	-0.0002	-2.5 to 2.5	Pass
				0	7.2	0.830	0.0004	-2.5 to 2.5	Pass
				10	7.2	0.744	0.0004	-2.5 to 2.5	Pass
				30	7.2	1.259	0.0007	-2.5 to 2.5	Pass
				40	7.2	1.688	0.0009	-2.5 to 2.5	Pass
				50	7.2	0.215	0.0001	-2.5 to 2.5	Pass
64QAM	1860	100	0	20	6.12	3.218	0.0017	-2.5 to 2.5	Pass
					7.2	2.642	0.0014	-2.5 to 2.5	Pass
					8.28	-3.803	-0.0020	-2.5 to 2.5	Pass
				-30	7.2	7.005	0.0038	-2.5 to 2.5	Pass
				-20	7.2	8.345	0.0045	-2.5 to 2.5	Pass
				-10	7.2	1.812	0.0010	-2.5 to 2.5	Pass
				0	7.2	3.268	0.0018	-2.5 to 2.5	Pass
				10	7.2	-3.462	-0.0019	-2.5 to 2.5	Pass
				30	7.2	15.771	0.0085	-2.5 to 2.5	Pass
				40	7.2	-4.358	-0.0023	-2.5 to 2.5	Pass
	50	7.2	2.782	0.0015	-2.5 to 2.5	Pass			
	1882.5	100	0	20	6.12	1.724	0.0009	-2.5 to 2.5	Pass
					7.2	5.452	0.0029	-2.5 to 2.5	Pass
					8.28	-2.362	-0.0013	-2.5 to 2.5	Pass
				-30	7.2	4.470	0.0024	-2.5 to 2.5	Pass
				-20	7.2	-9.825	-0.0052	-2.5 to 2.5	Pass
				-10	7.2	10.638	0.0057	-2.5 to 2.5	Pass
				0	7.2	-0.733	-0.0004	-2.5 to 2.5	Pass
				10	7.2	4.866	0.0026	-2.5 to 2.5	Pass
				30	7.2	-3.996	-0.0021	-2.5 to 2.5	Pass
				40	7.2	11.986	0.0064	-2.5 to 2.5	Pass
	50	7.2	-0.419	-0.0002	-2.5 to 2.5	Pass			
	1905	100	0	20	6.12	1.264	0.0007	-2.5 to 2.5	Pass
					7.2	3.520	0.0018	-2.5 to 2.5	Pass
					8.28	-11.862	-0.0062	-2.5 to 2.5	Pass
				-30	7.2	18.042	0.0095	-2.5 to 2.5	Pass
				-20	7.2	-0.365	-0.0002	-2.5 to 2.5	Pass
				-10	7.2	6.421	0.0034	-2.5 to 2.5	Pass
0				7.2	-9.418	-0.0049	-2.5 to 2.5	Pass	
10				7.2	13.849	0.0073	-2.5 to 2.5	Pass	
30				7.2	0.950	0.0005	-2.5 to 2.5	Pass	
40				7.2	2.709	0.0014	-2.5 to 2.5	Pass	
50	7.2	-4.524	-0.0024	-2.5 to 2.5	Pass				



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3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass
64QAM	1882.5	6	0	Refer To Test Graph		Pass



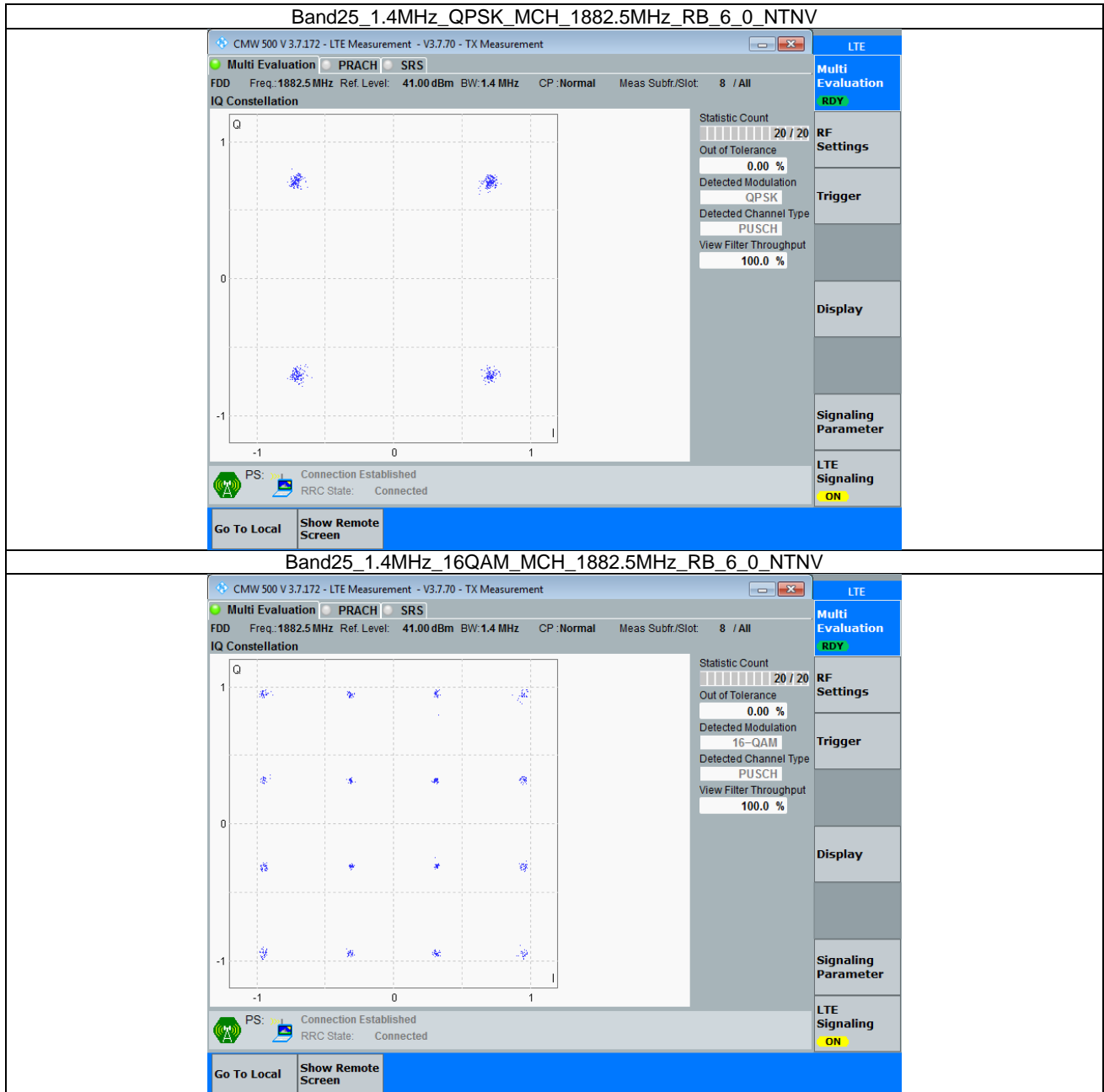
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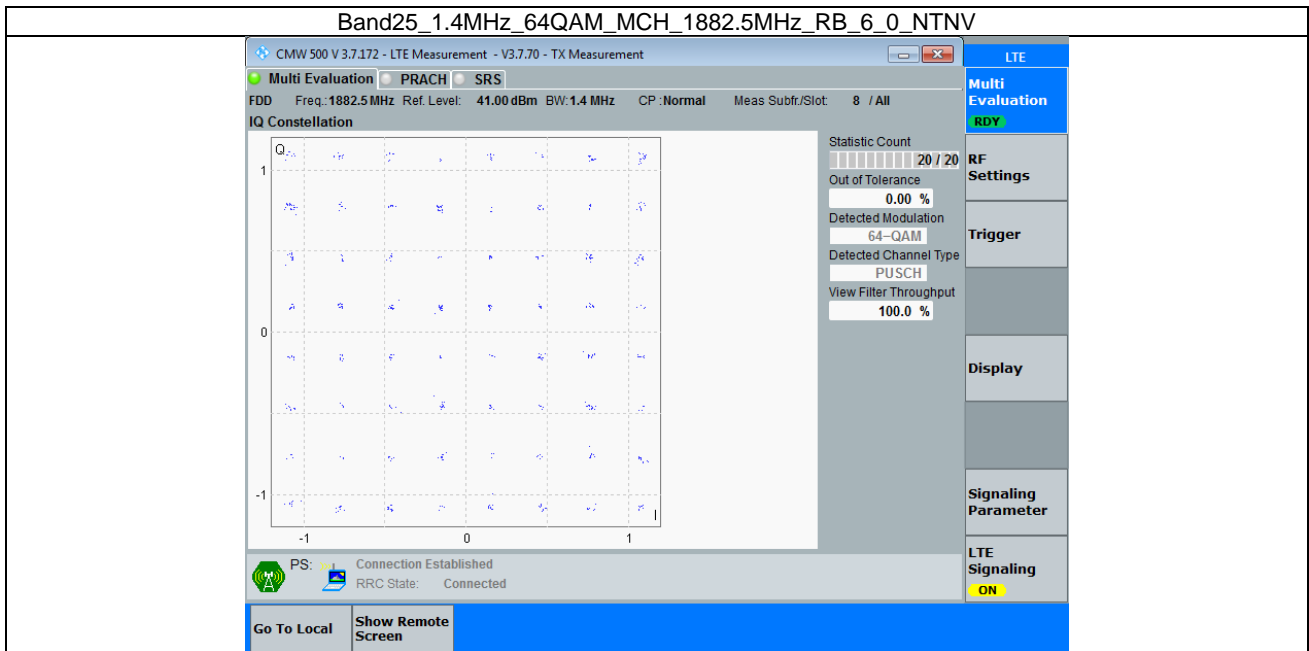
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3.1.2 Test Graph



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3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass
64QAM	1882.5	15	0	Refer To Test Graph		Pass



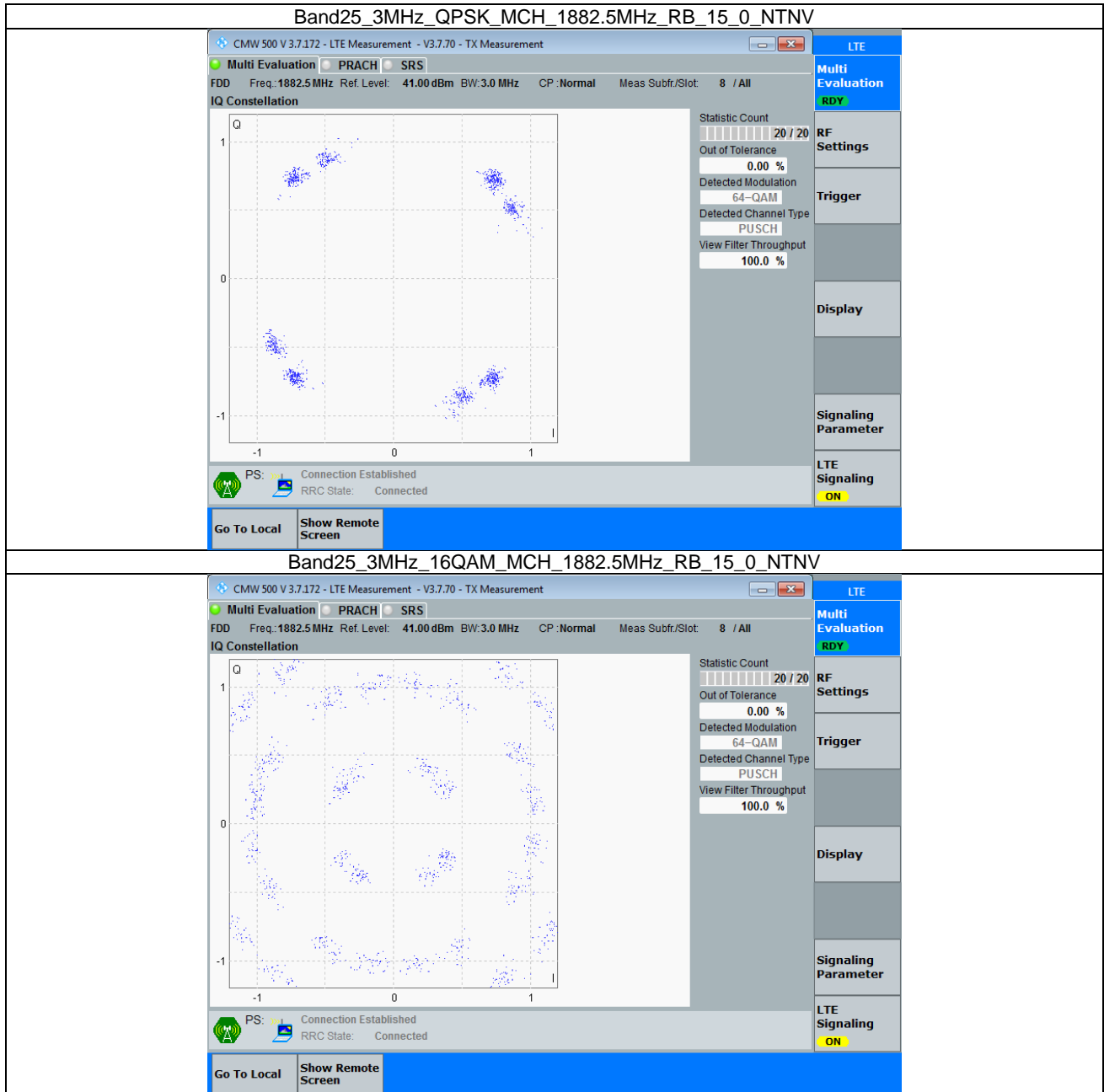
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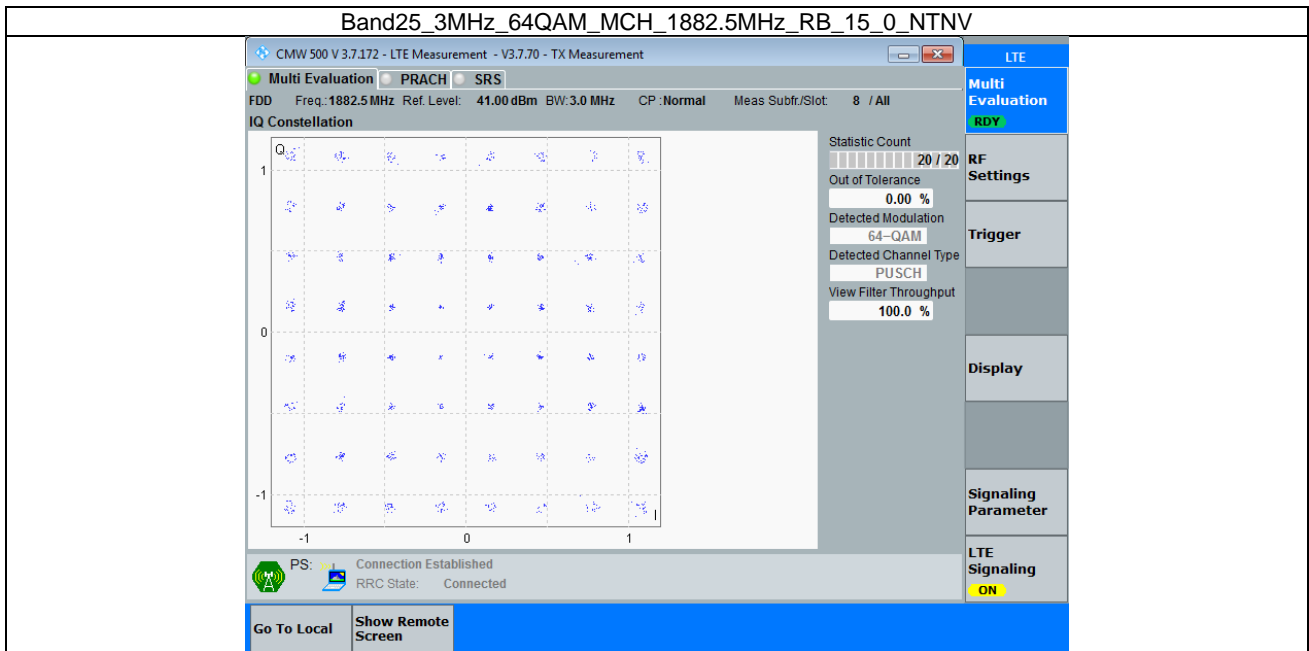
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3.2.2 Test Graph



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3.3 B25_5MHz

3.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass
64QAM	1882.5	25	0	Refer To Test Graph		Pass



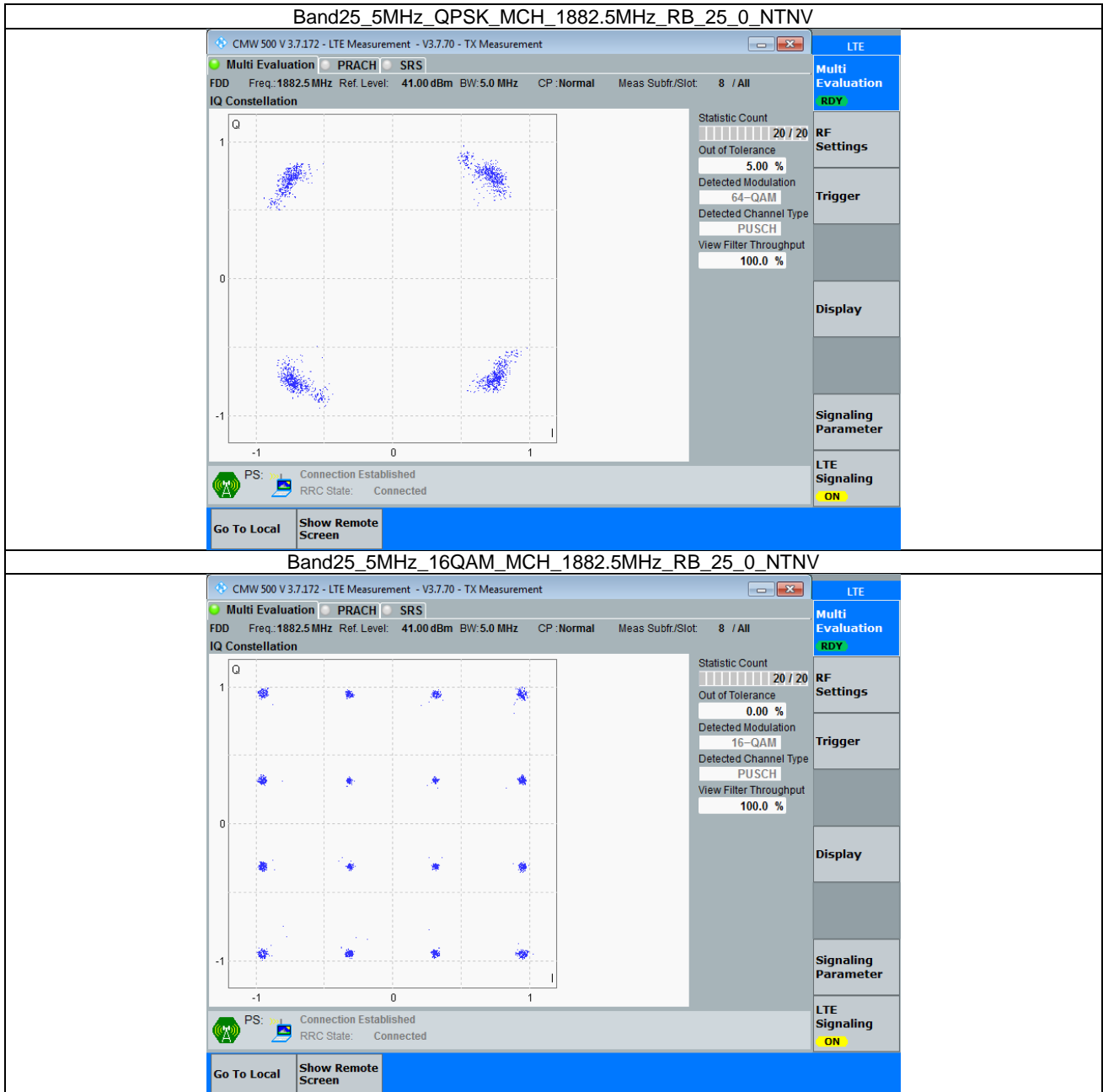
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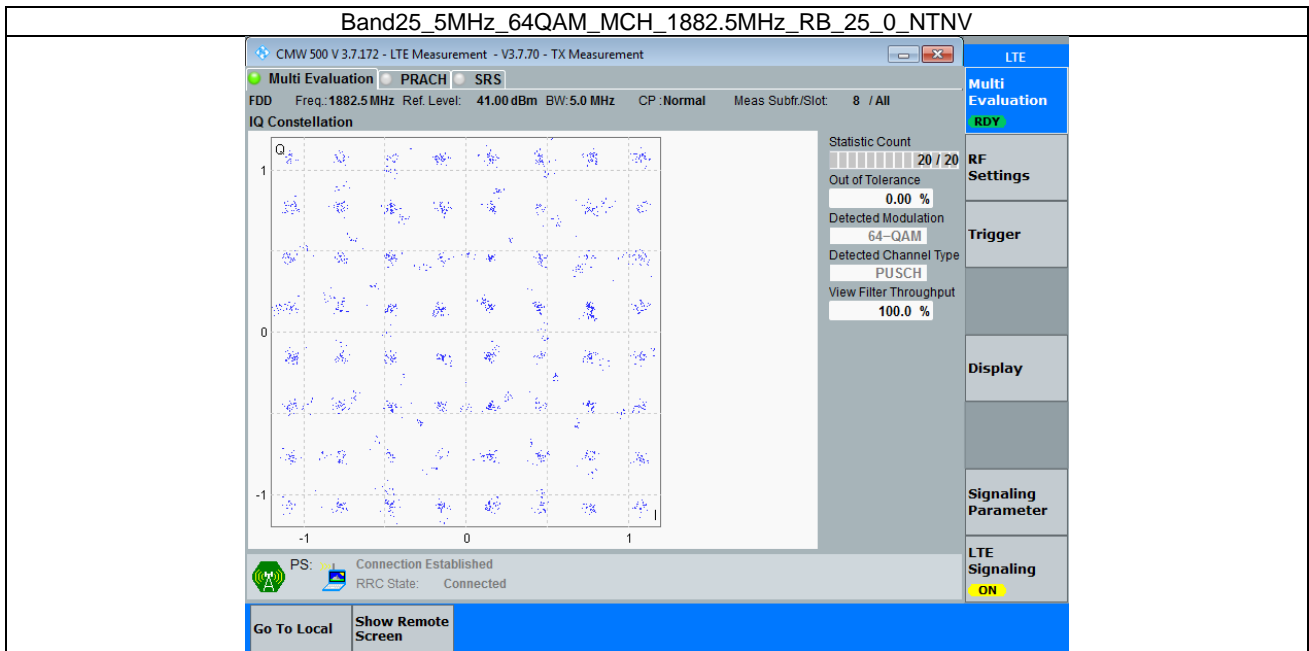
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3.3.2 Test Graph



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3.4 B25_10MHz

3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass
64QAM	1882.5	50	0	Refer To Test Graph		Pass



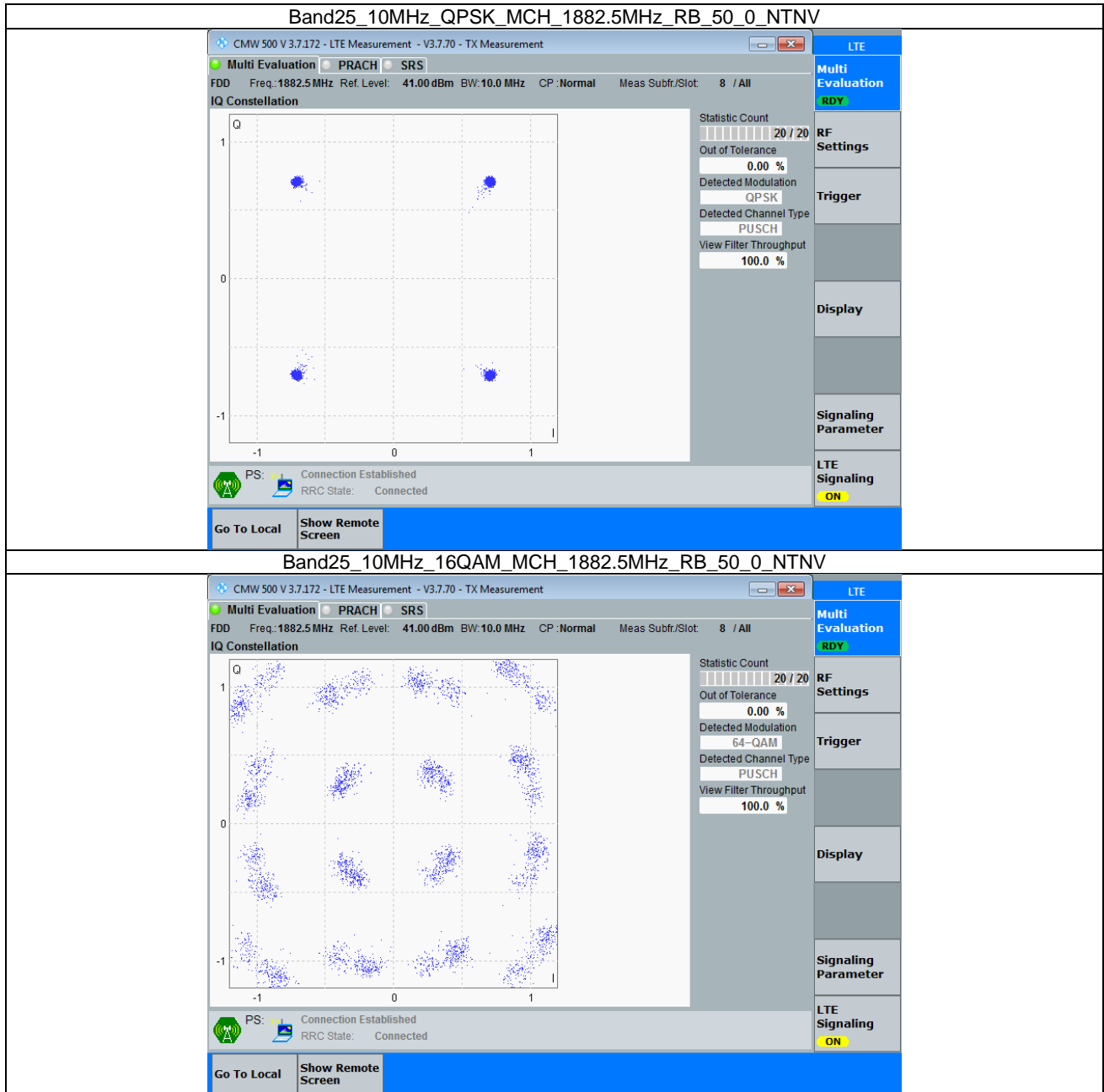
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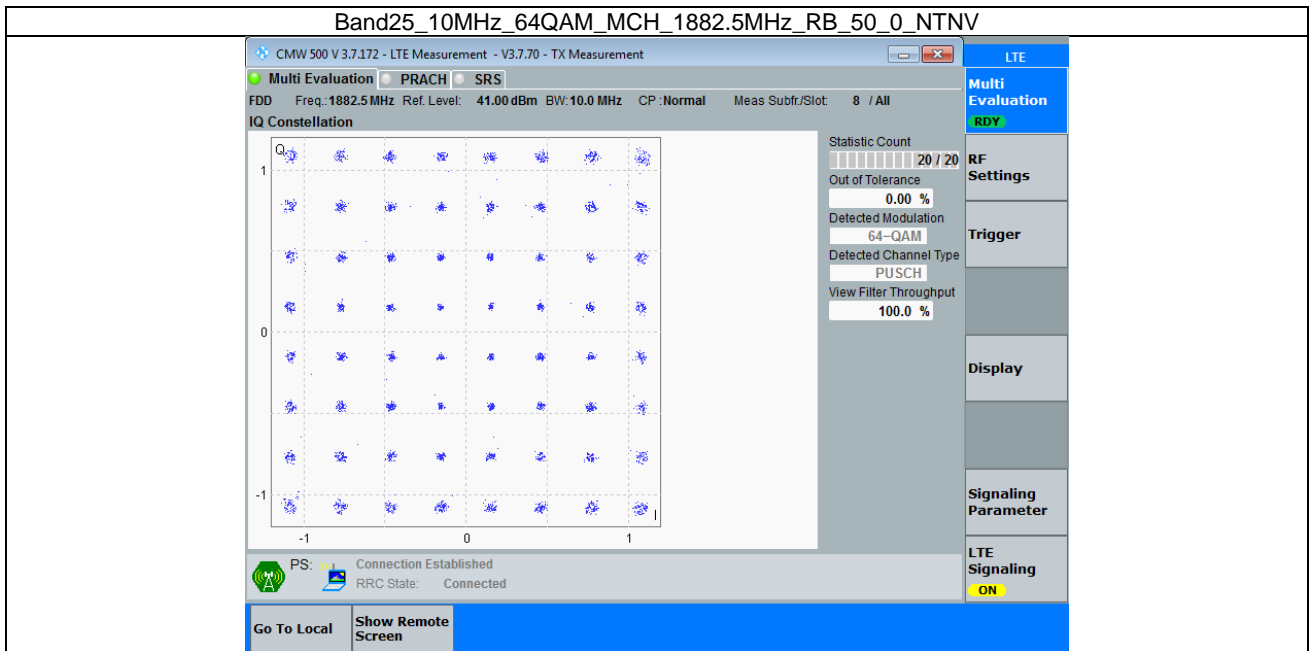
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3.4.2 Test Graph



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3.5 B25_15MHz

3.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass
64QAM	1882.5	75	0	Refer To Test Graph		Pass



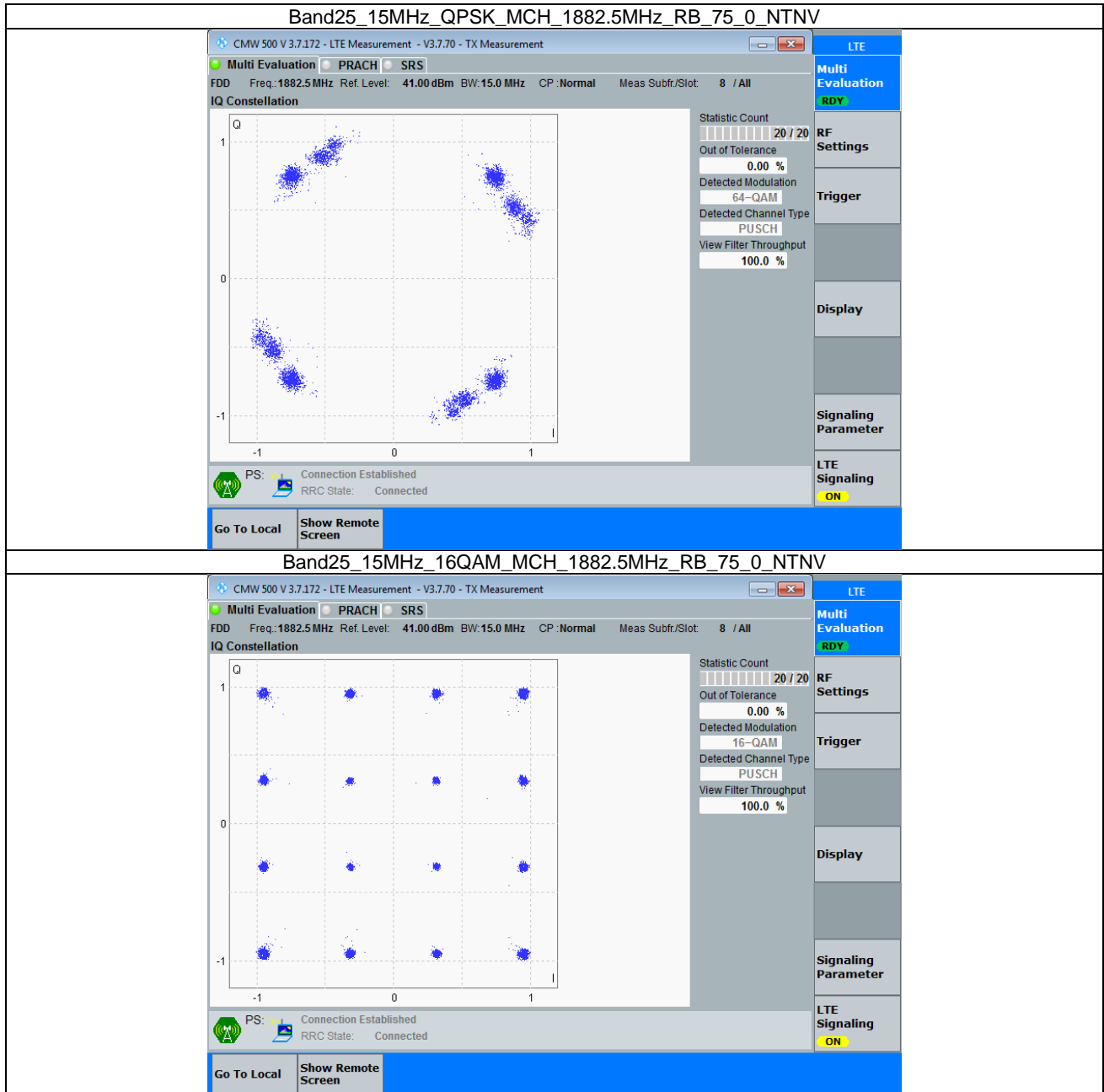
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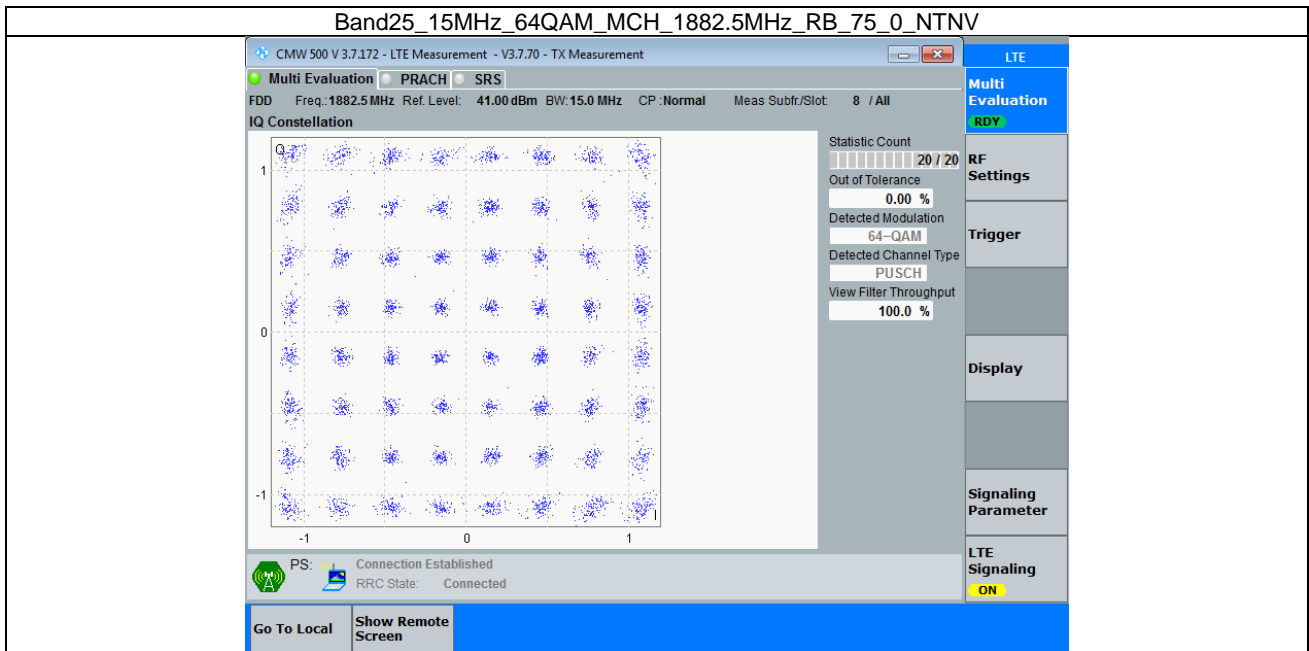
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3.5.2 Test Graph



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3.6 B25_20MHz

3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass
64QAM	1882.5	100	0	Refer To Test Graph		Pass



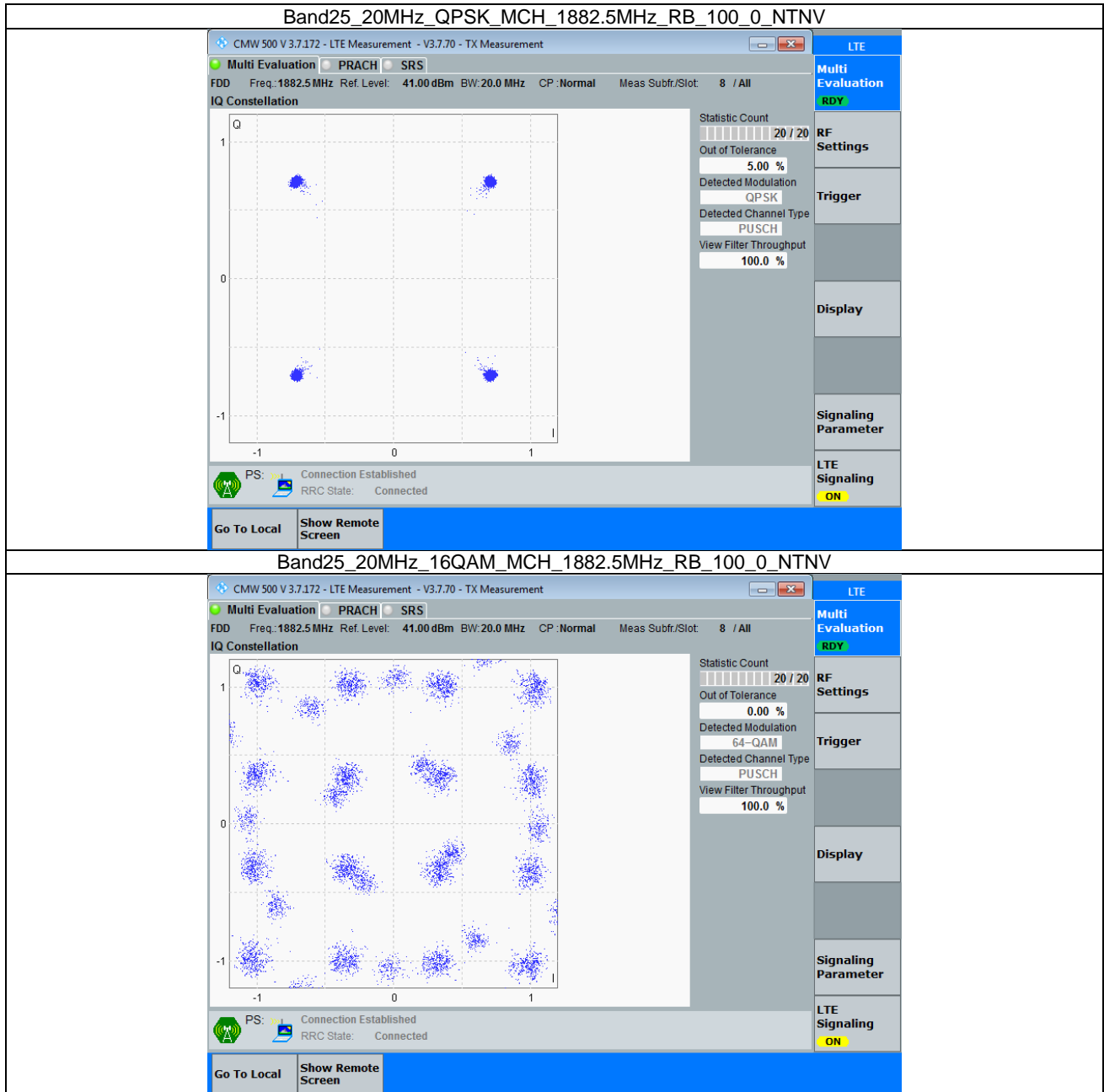
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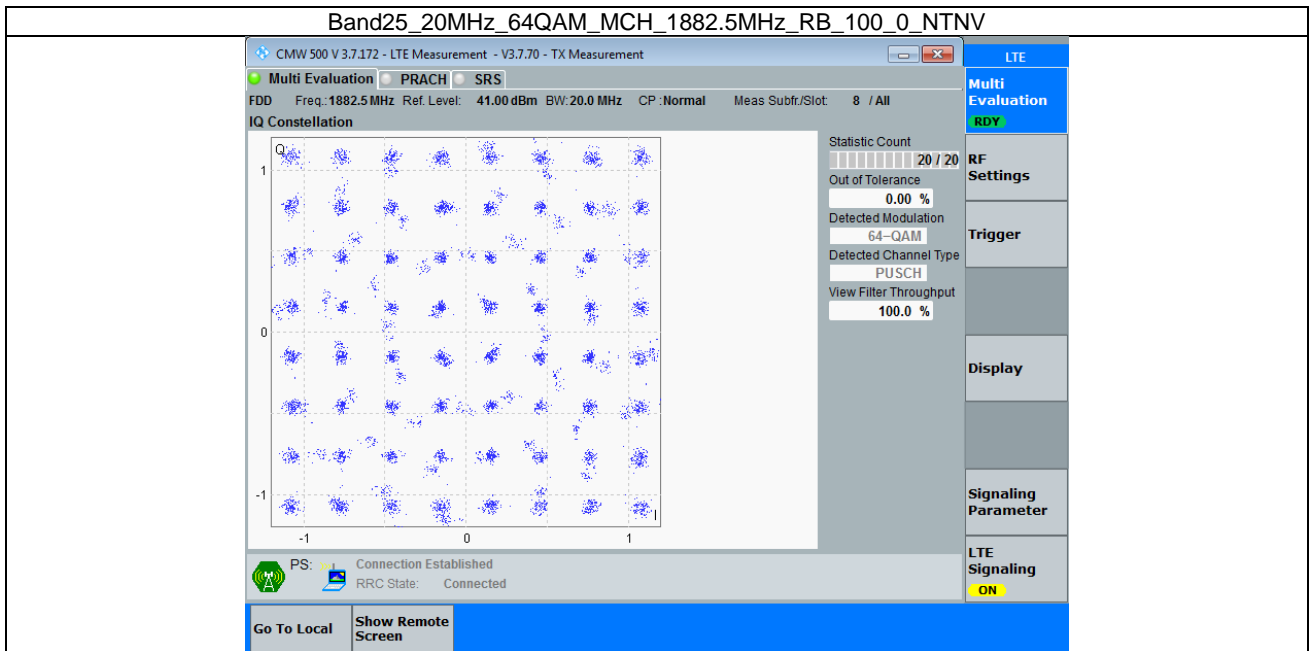
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3.6.2 Test Graph



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4. 99% & 26dB Bandwidth

4.1 Band25_OBW

4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset		
1.4	QPSK	1850.7	6	0	1.111	Pass
		1882.5	6	0	1.109	Pass
		1914.3	6	0	1.116	Pass
	16QAM	1850.7	6	0	1.108	Pass
		1882.5	6	0	1.116	Pass
		1914.3	6	0	1.117	Pass
	64QAM	1850.7	6	0	1.120	Pass
		1882.5	6	0	1.112	Pass
		1914.3	6	0	1.112	Pass
3	QPSK	1851.5	15	0	2.751	Pass
		1882.5	15	0	2.740	Pass
		1913.5	15	0	2.736	Pass
	16QAM	1851.5	15	0	2.735	Pass
		1882.5	15	0	2.732	Pass
		1913.5	15	0	2.747	Pass
	64QAM	1851.5	15	0	2.733	Pass
		1882.5	15	0	2.729	Pass
		1913.5	15	0	2.740	Pass
5	QPSK	1852.5	25	0	4.551	Pass
		1882.5	25	0	4.529	Pass
		1912.5	25	0	4.527	Pass
	16QAM	1852.5	25	0	4.528	Pass
		1882.5	25	0	4.566	Pass
		1912.5	25	0	4.551	Pass
	64QAM	1852.5	25	0	4.535	Pass
		1882.5	25	0	4.561	Pass
		1912.5	25	0	4.530	Pass
10	QPSK	1855	50	0	9.035	Pass
		1882.5	50	0	8.998	Pass
		1910	50	0	9.002	Pass
	16QAM	1855	50	0	9.027	Pass
		1882.5	50	0	9.015	Pass
		1910	50	0	9.030	Pass
	64QAM	1855	50	0	9.043	Pass
		1882.5	50	0	9.021	Pass
		1910	50	0	9.042	Pass
15	QPSK	1857.5	75	0	13.488	Pass
		1882.5	75	0	13.501	Pass
		1907.5	75	0	13.491	Pass
	16QAM	1857.5	75	0	13.507	Pass



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	64QAM	1882.5	75	0	13.489	Pass
		1907.5	75	0	13.490	Pass
		1857.5	75	0	13.525	Pass
		1882.5	75	0	13.516	Pass
		1907.5	75	0	13.496	Pass
20	QPSK	1860	100	0	18.042	Pass
		1882.5	100	0	17.984	Pass
		1905	100	0	17.979	Pass
	16QAM	1860	100	0	18.071	Pass
		1882.5	100	0	17.989	Pass
		1905	100	0	18.019	Pass
	64QAM	1860	100	0	18.020	Pass
		1882.5	100	0	18.036	Pass
		1905	100	0	17.928	Pass



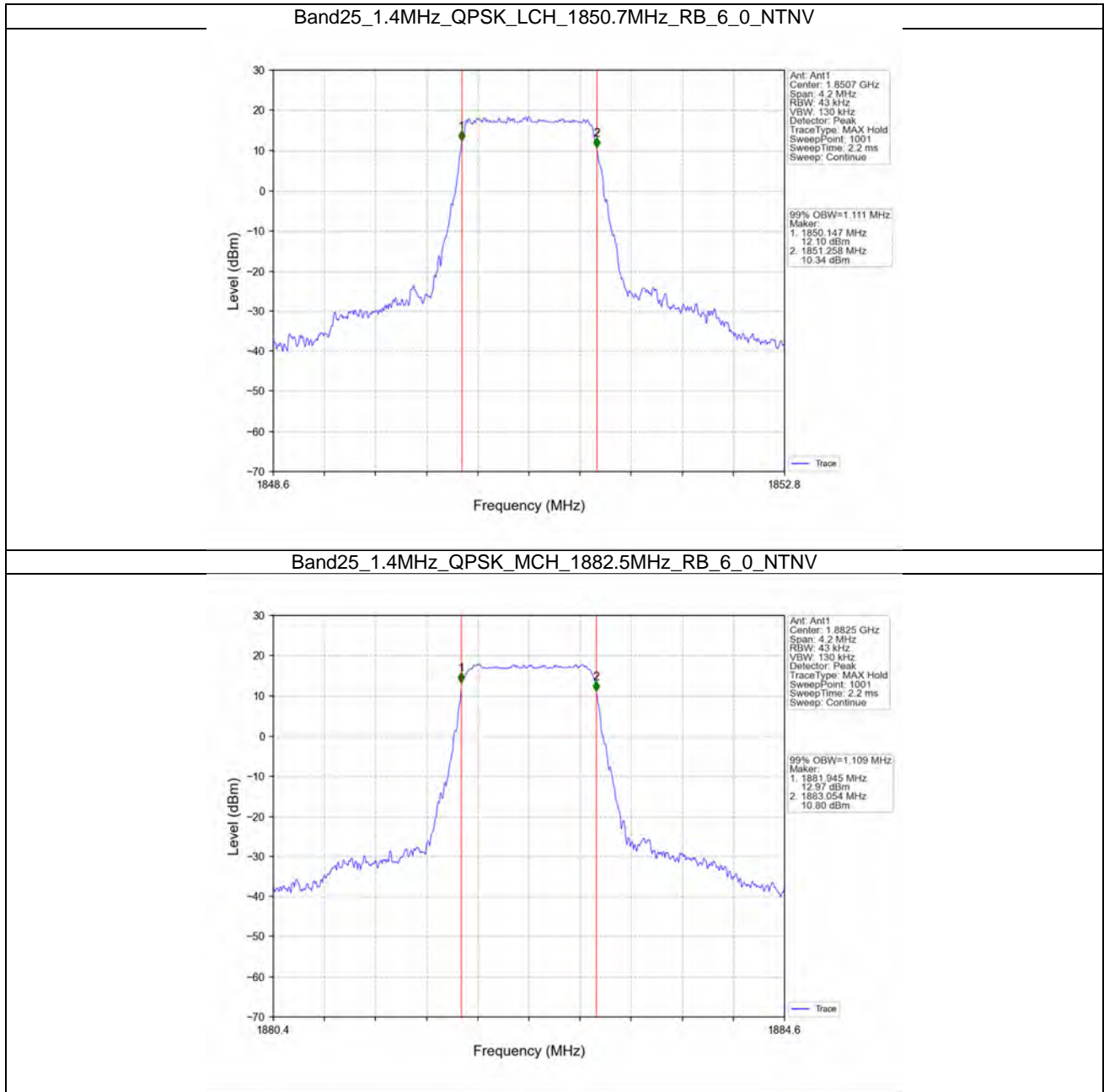
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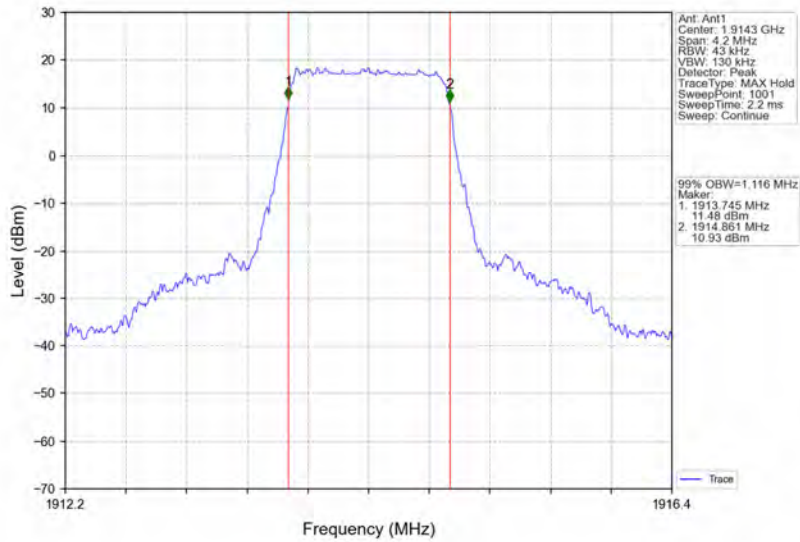
4.1.2 Test Graph



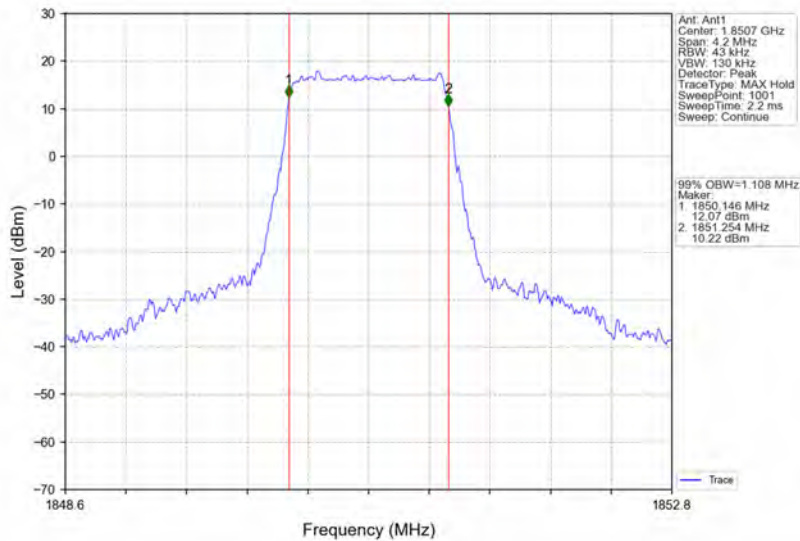
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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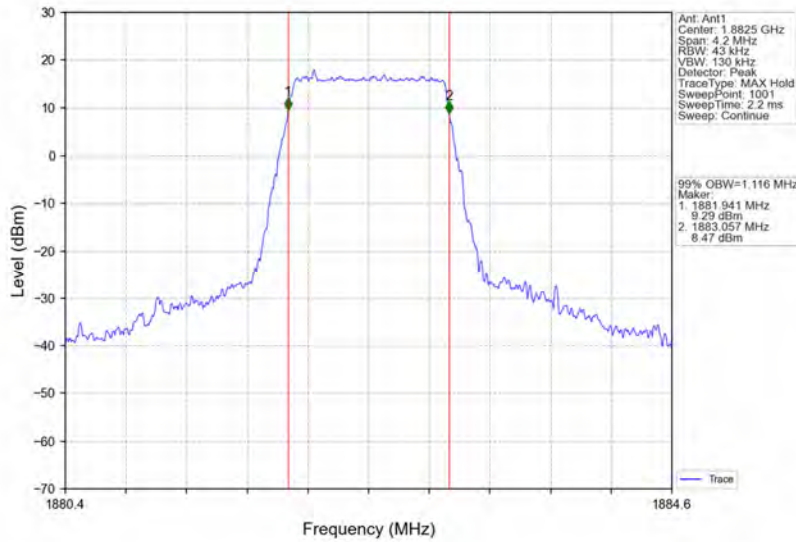
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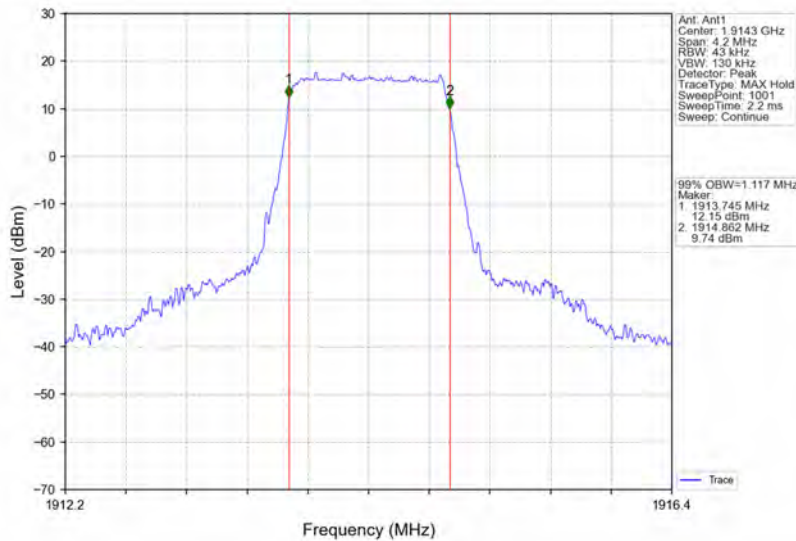


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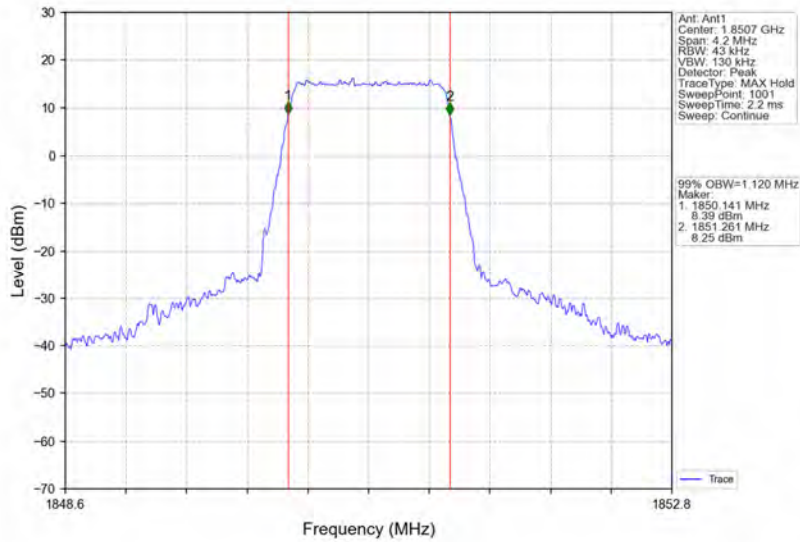
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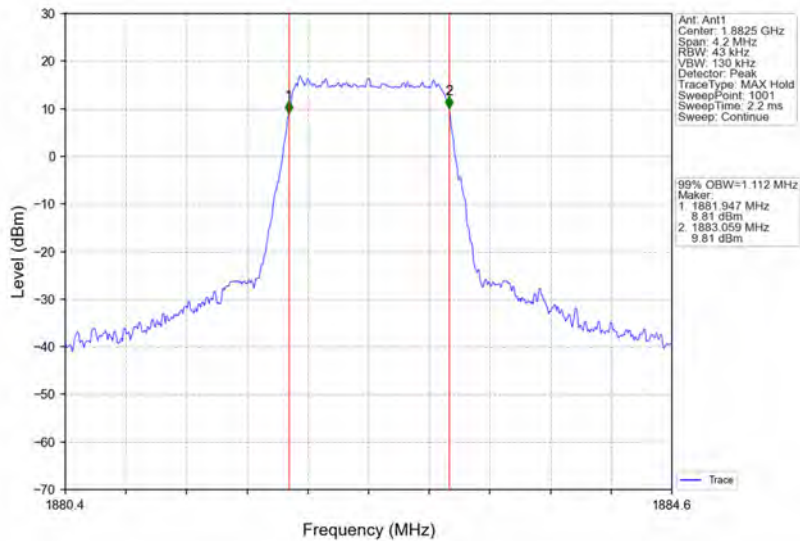


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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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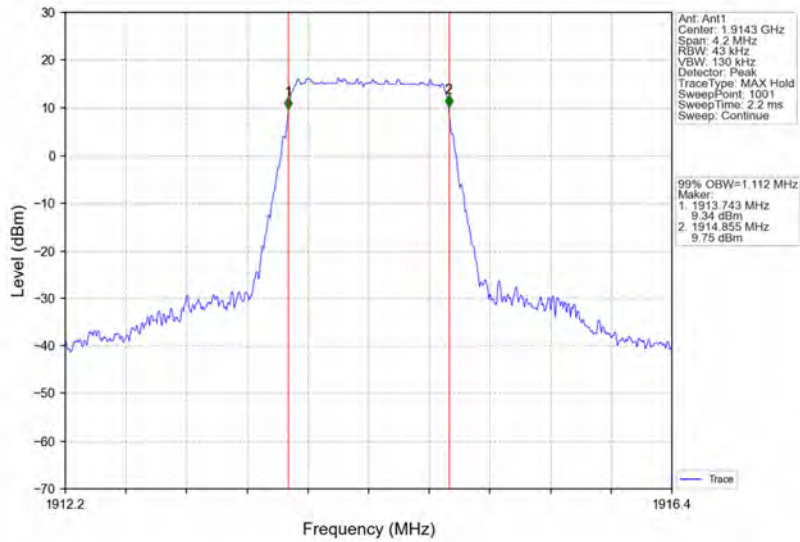
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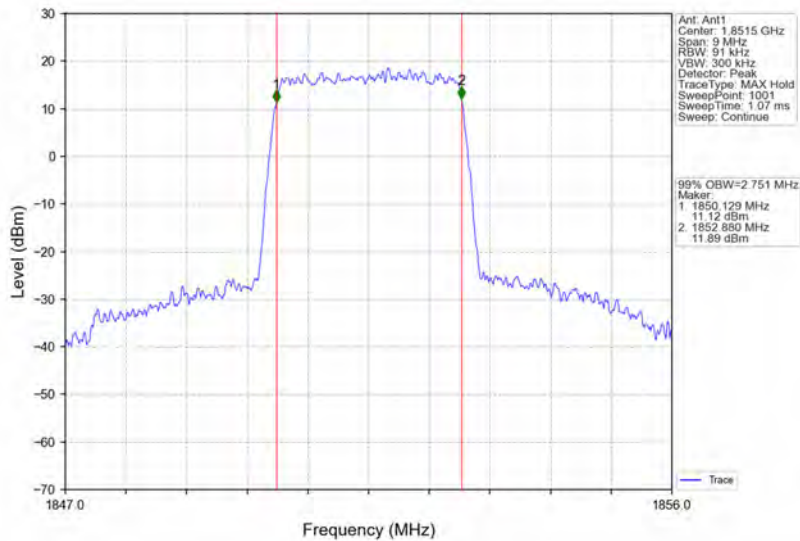


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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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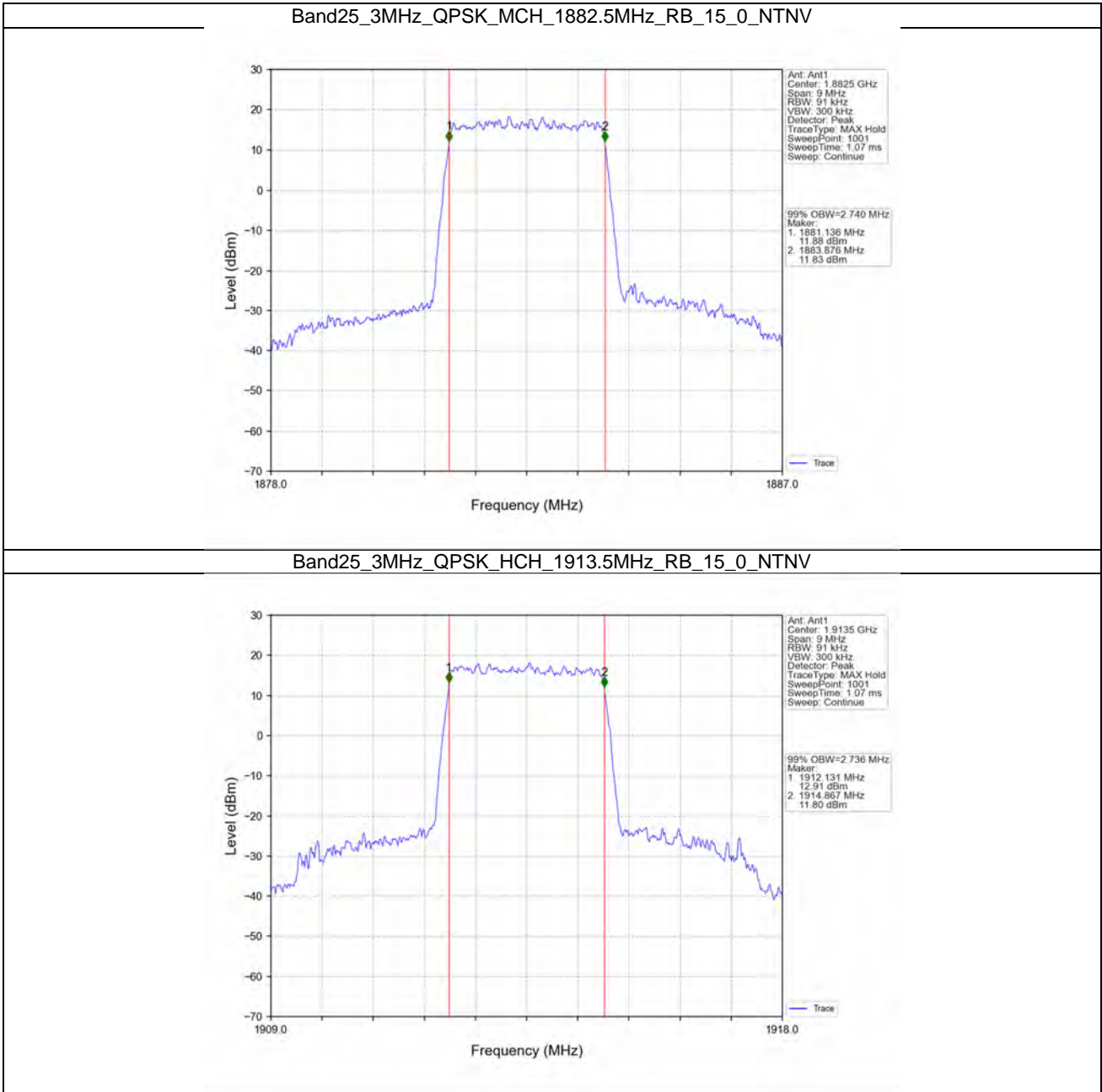
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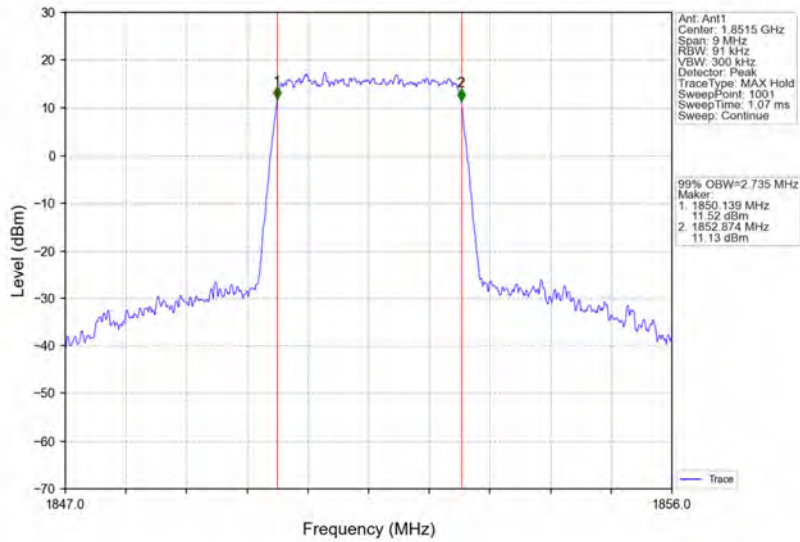
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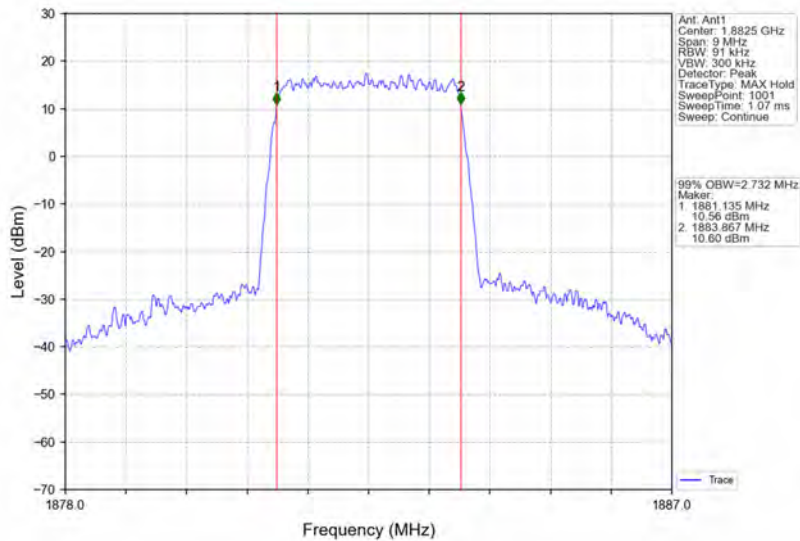
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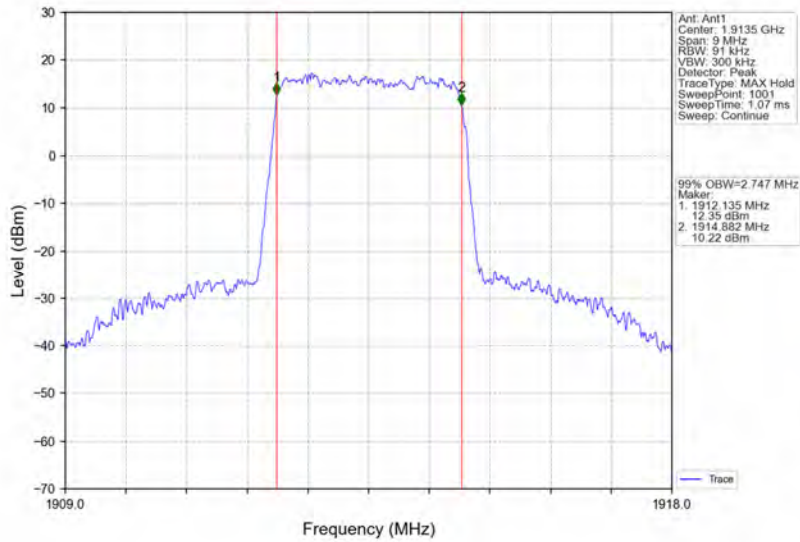
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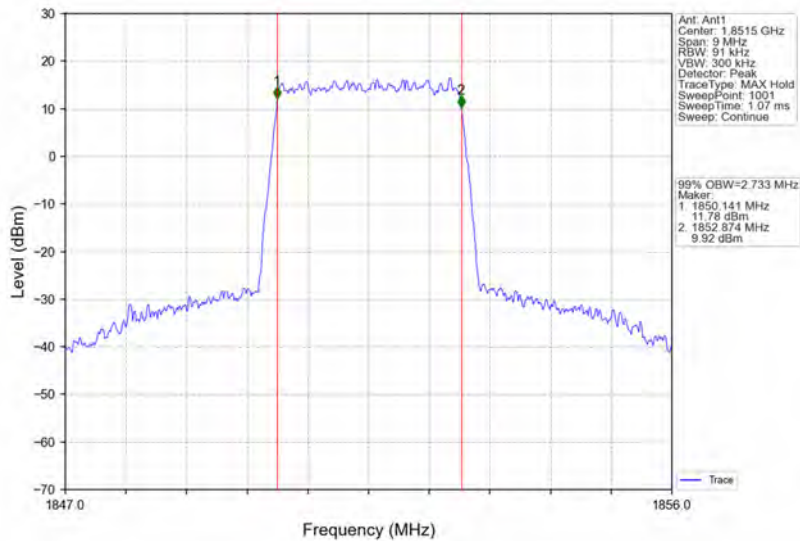


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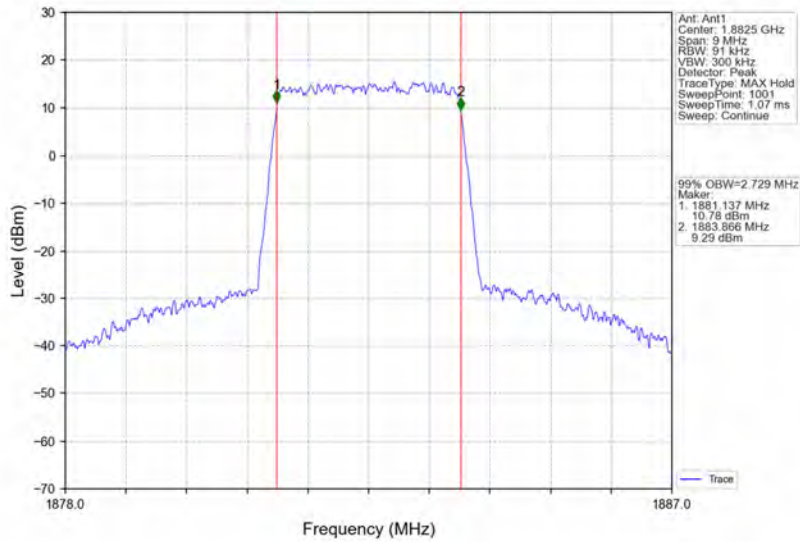
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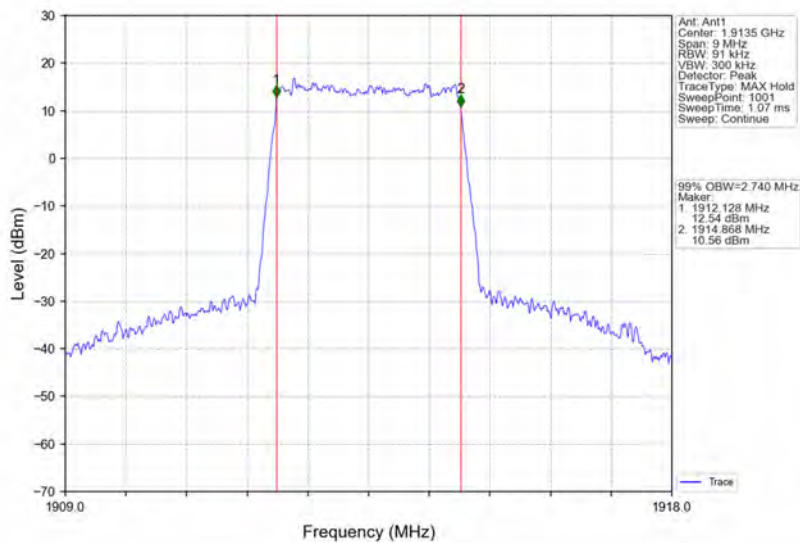
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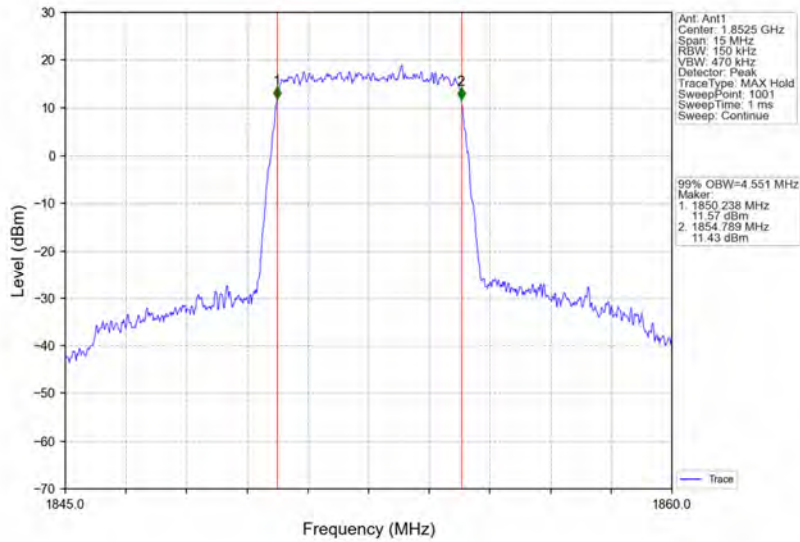
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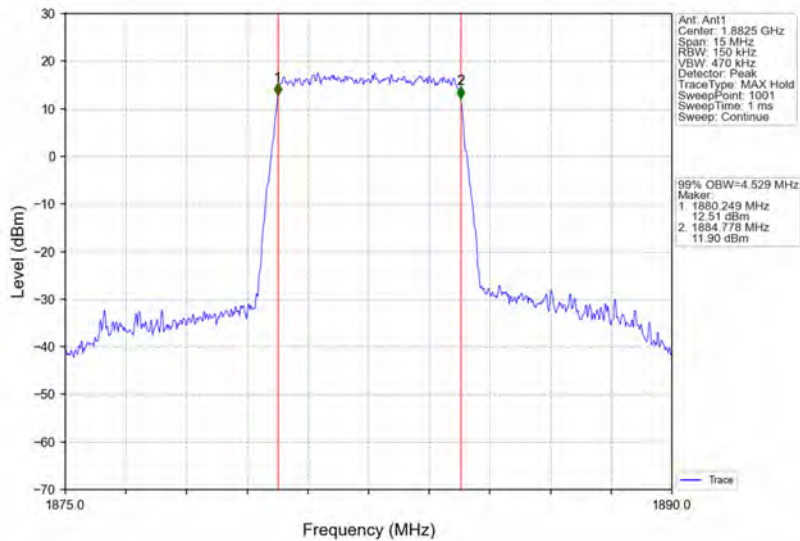


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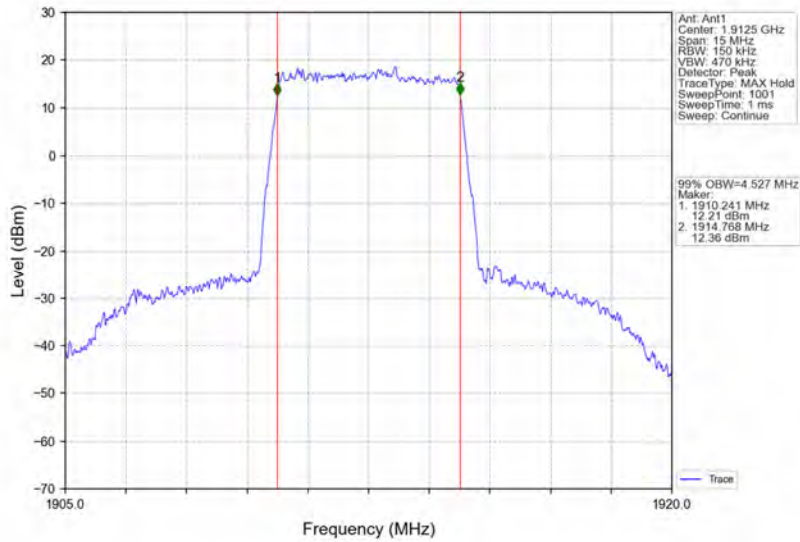
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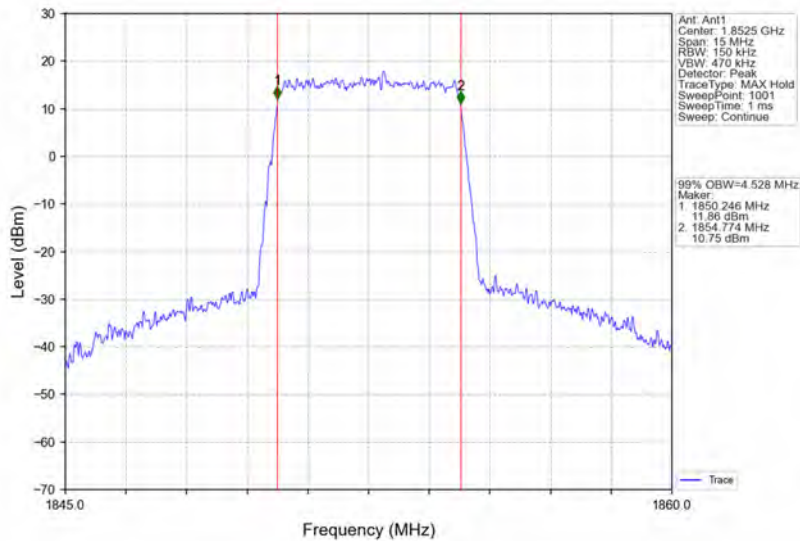
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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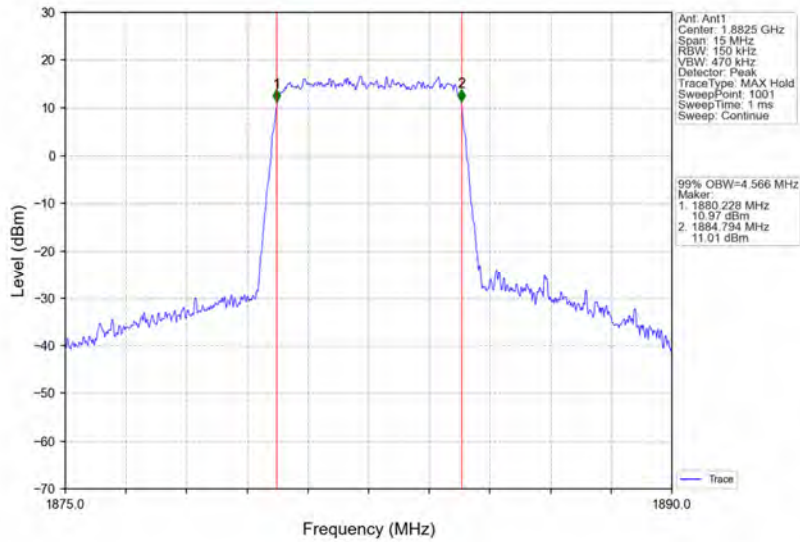
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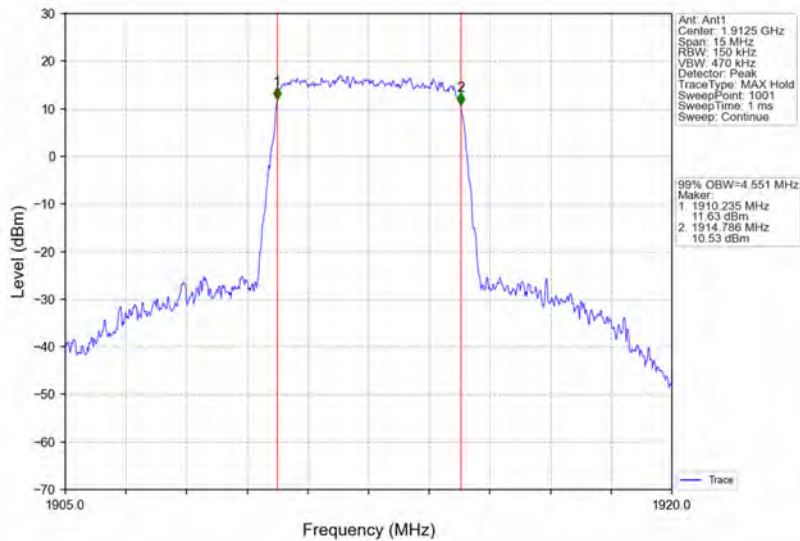


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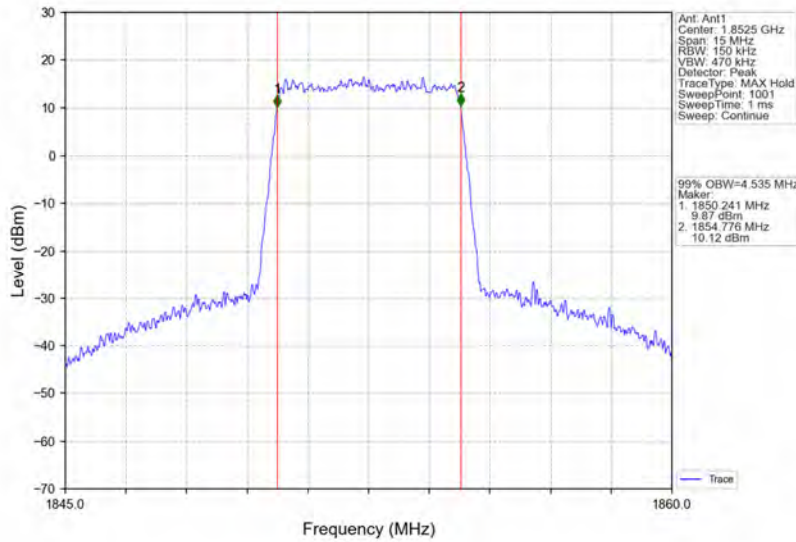
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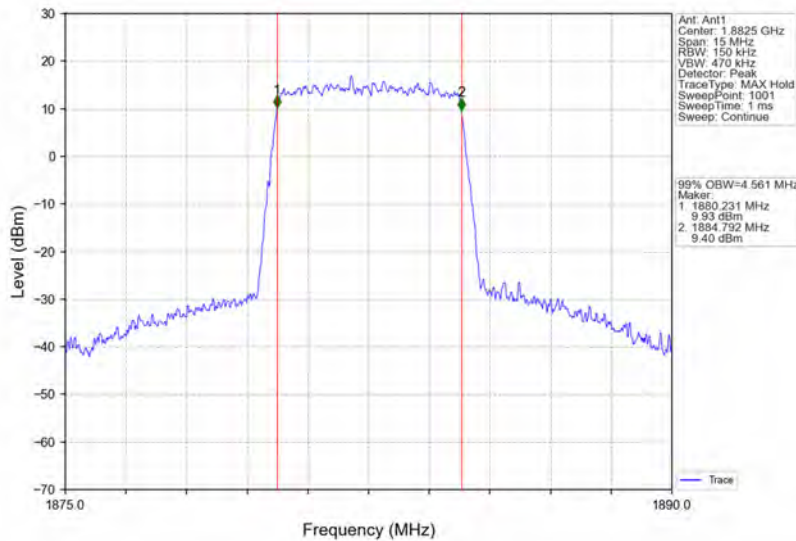


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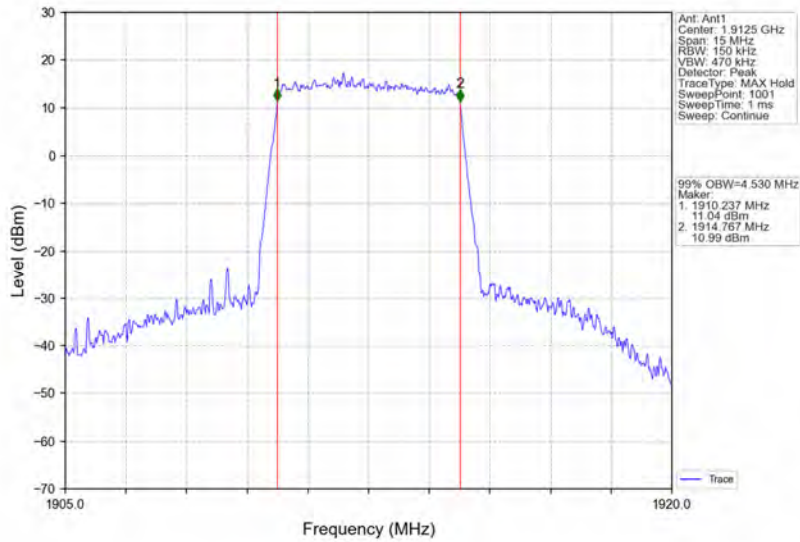
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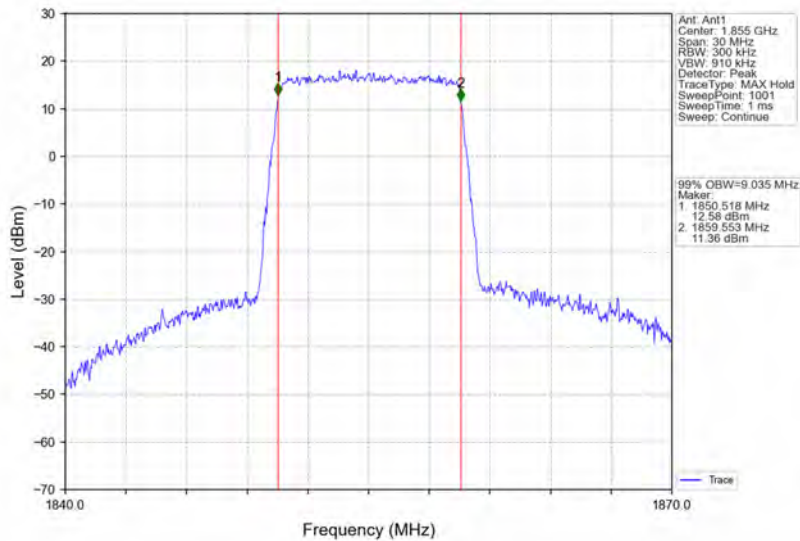


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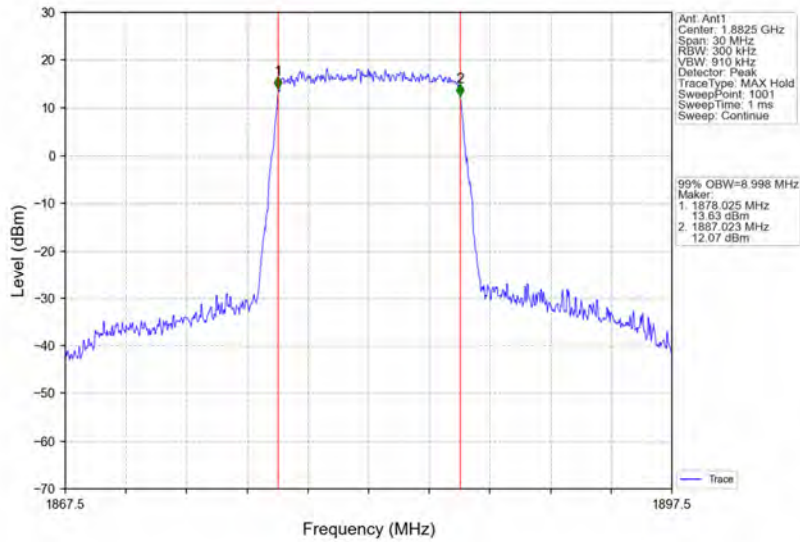
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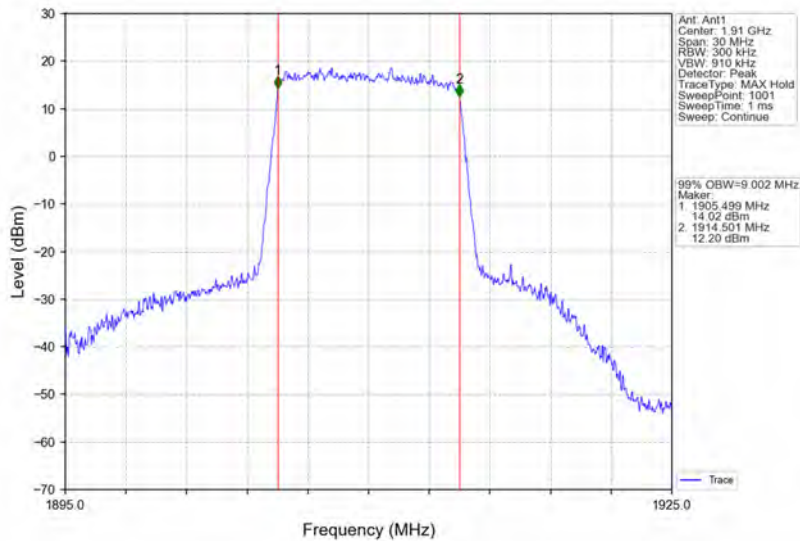


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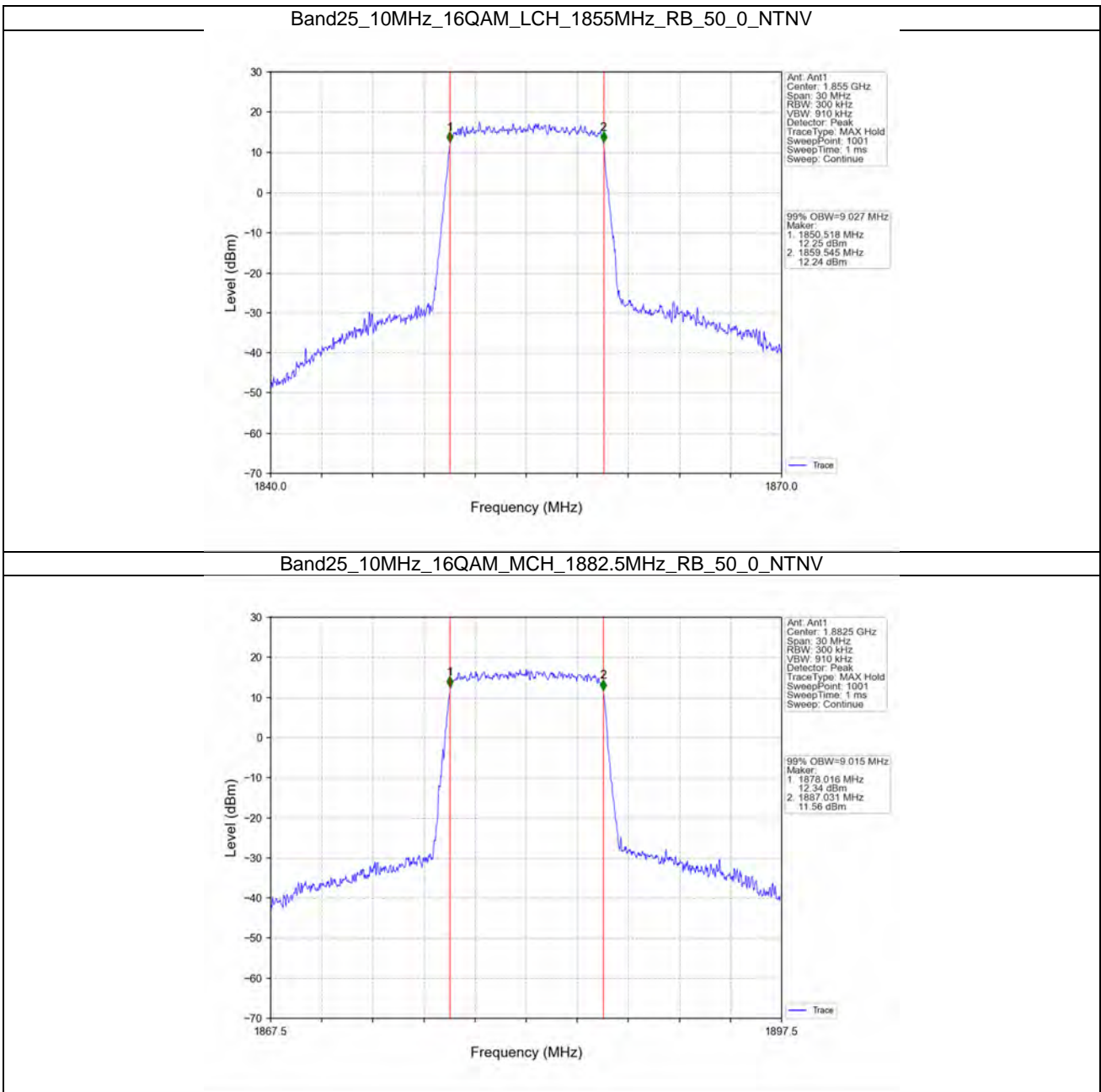
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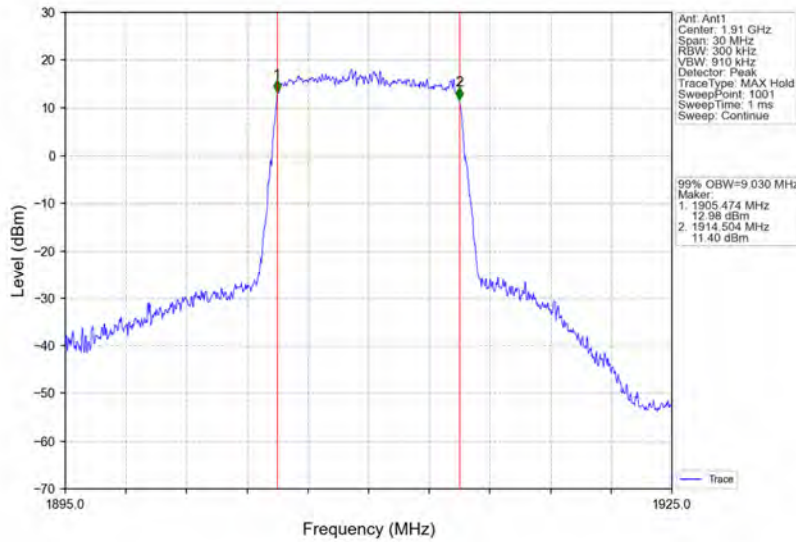
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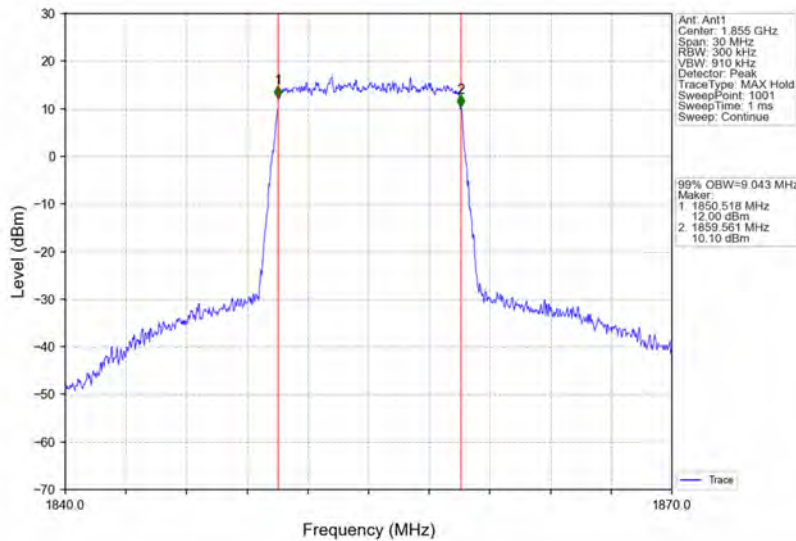
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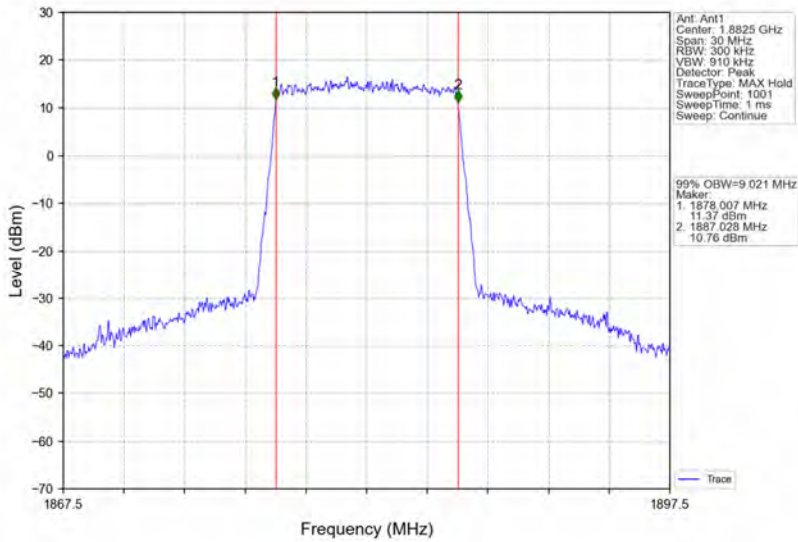
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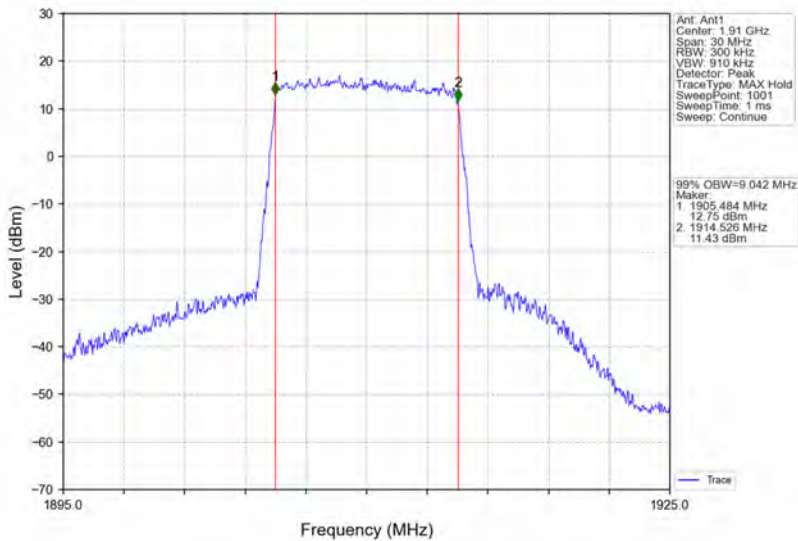
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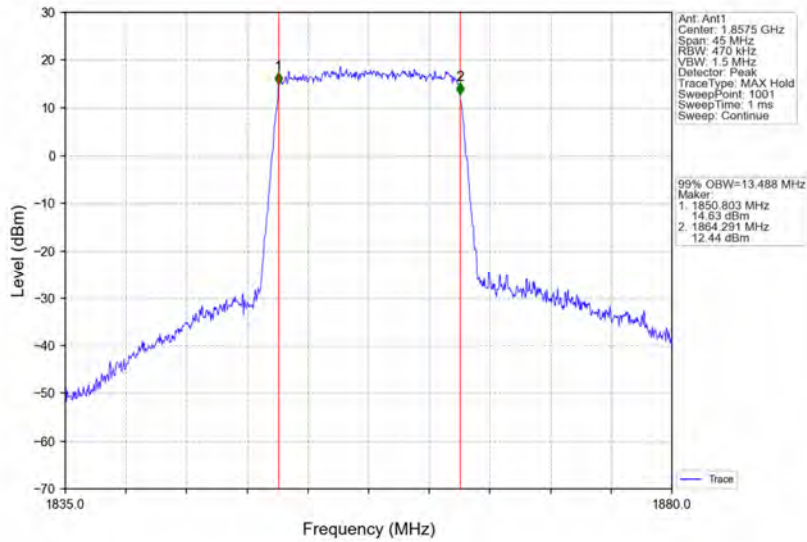
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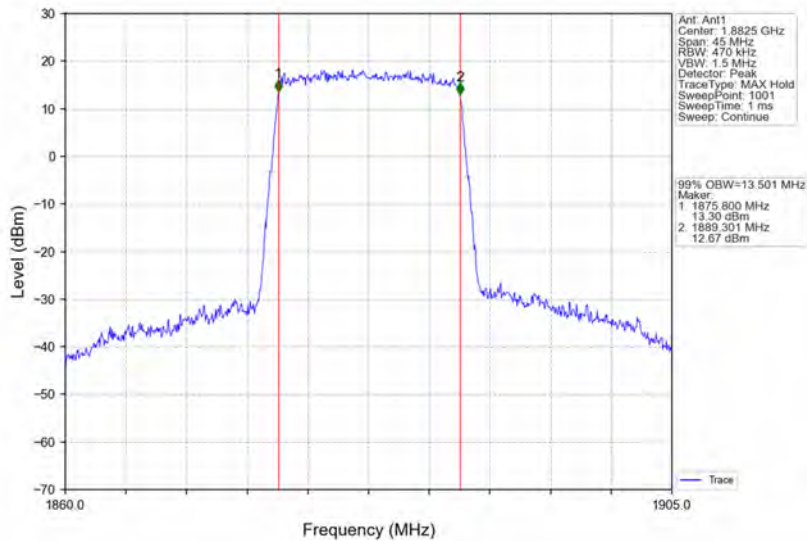


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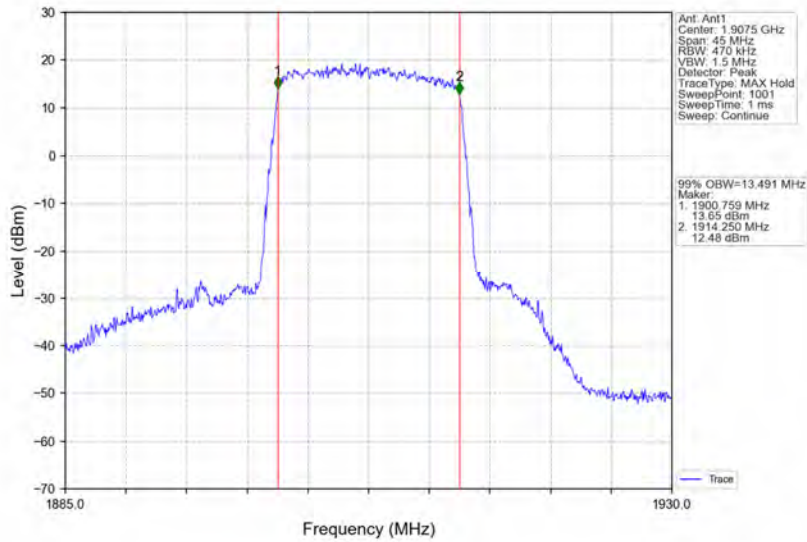
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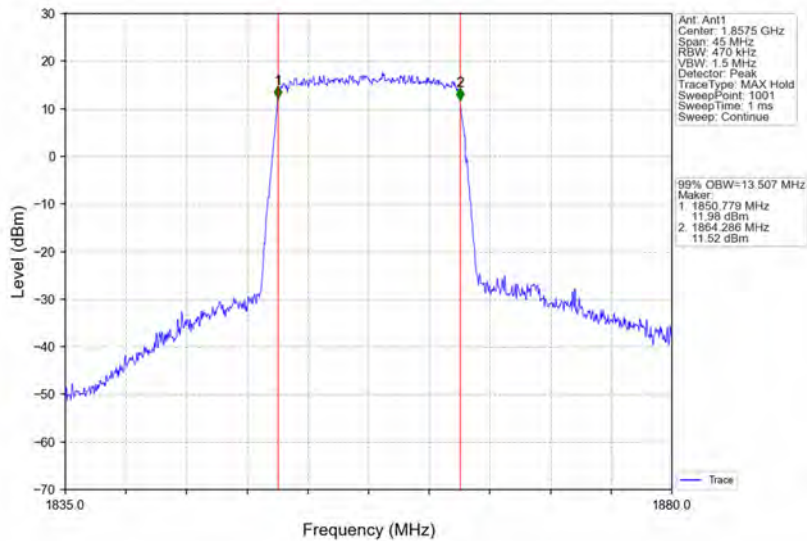


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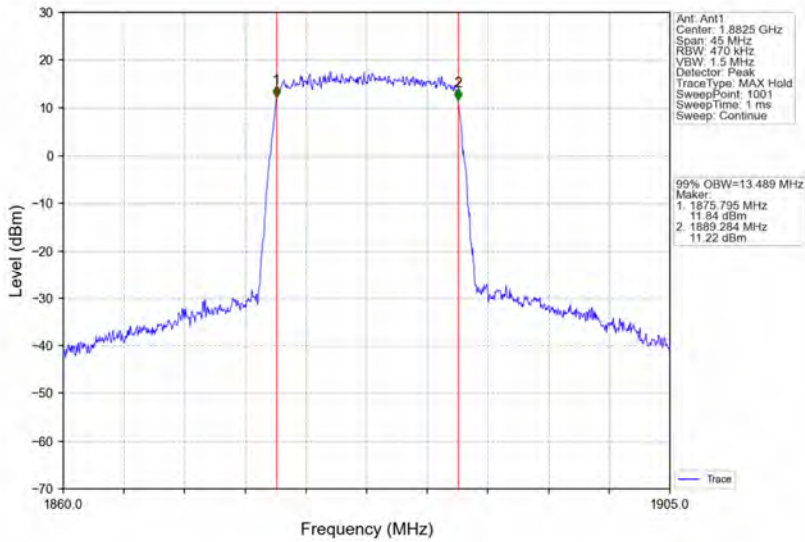
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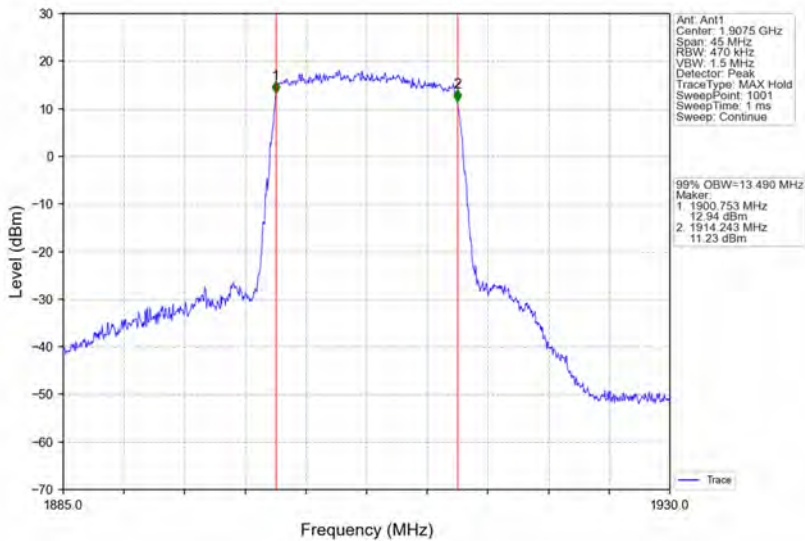


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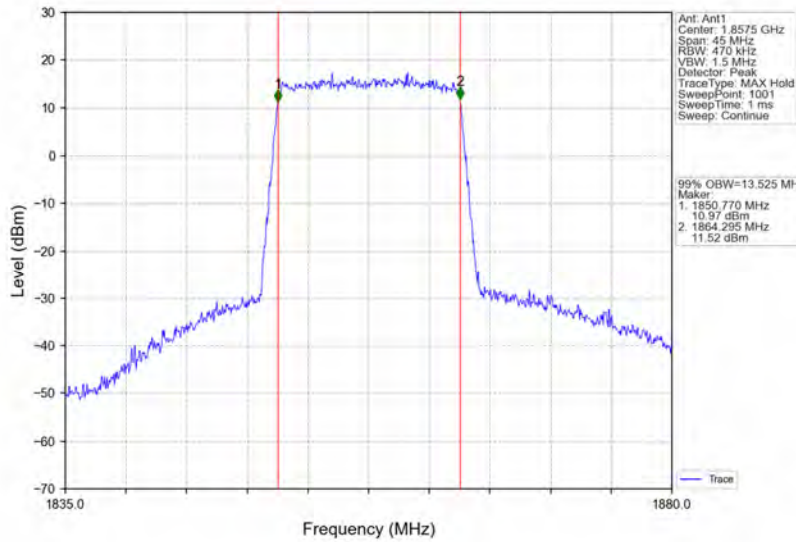
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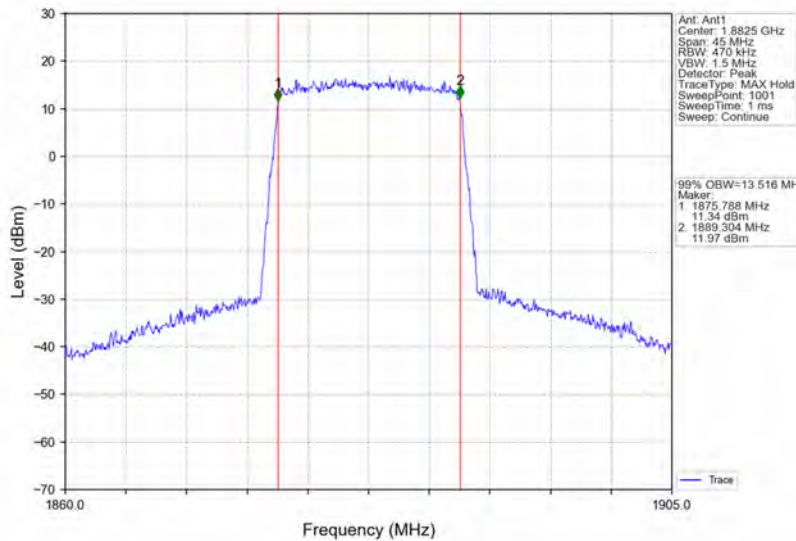


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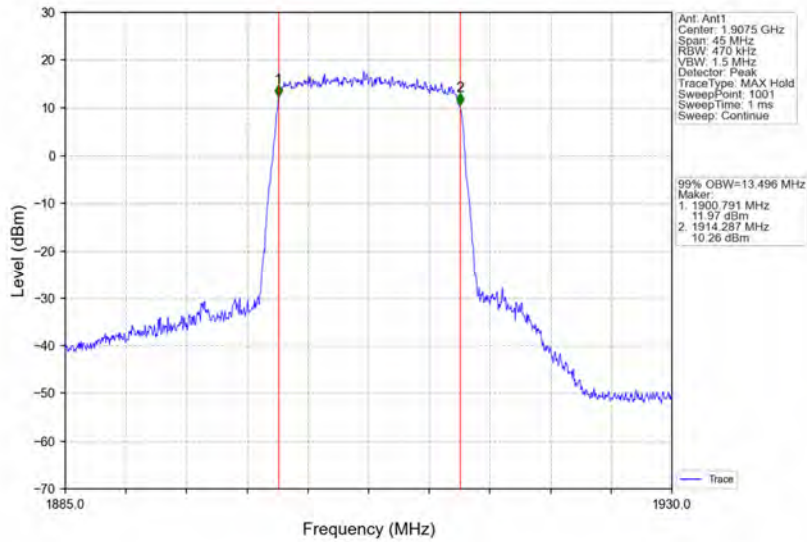
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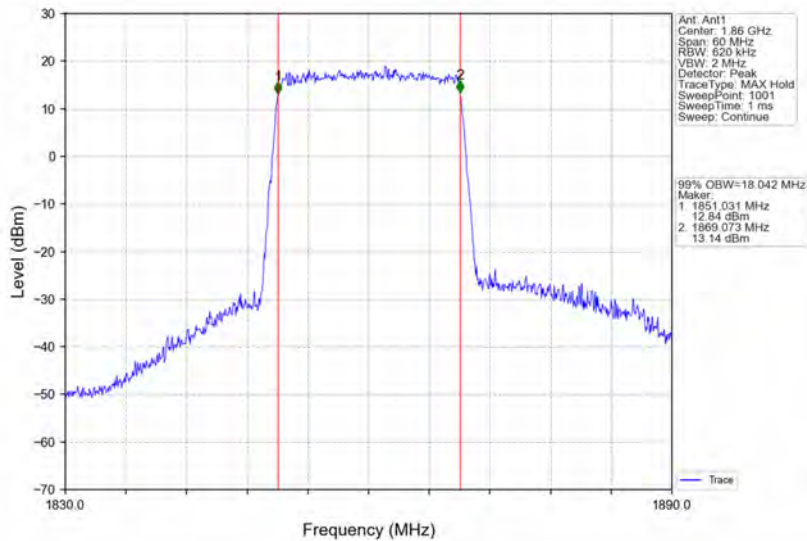


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Band25_15MHz_64QAM_HCH_1907.5MHz_RB_75_0_NTNV



Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



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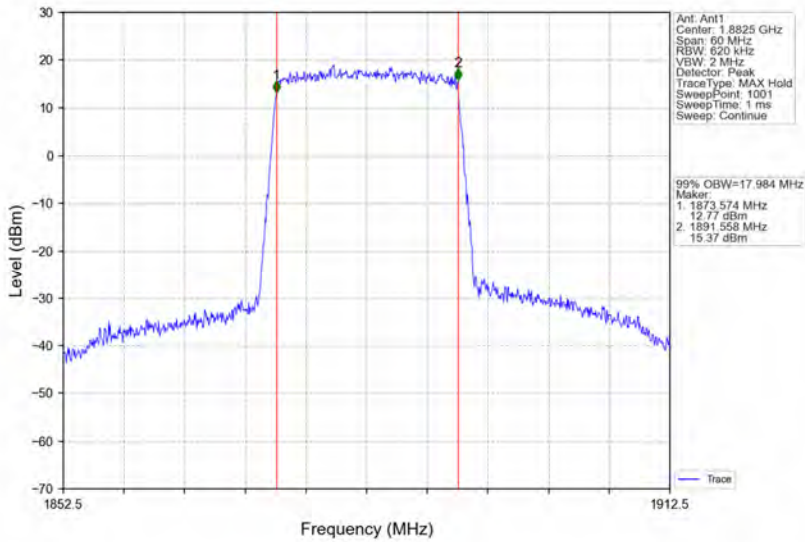
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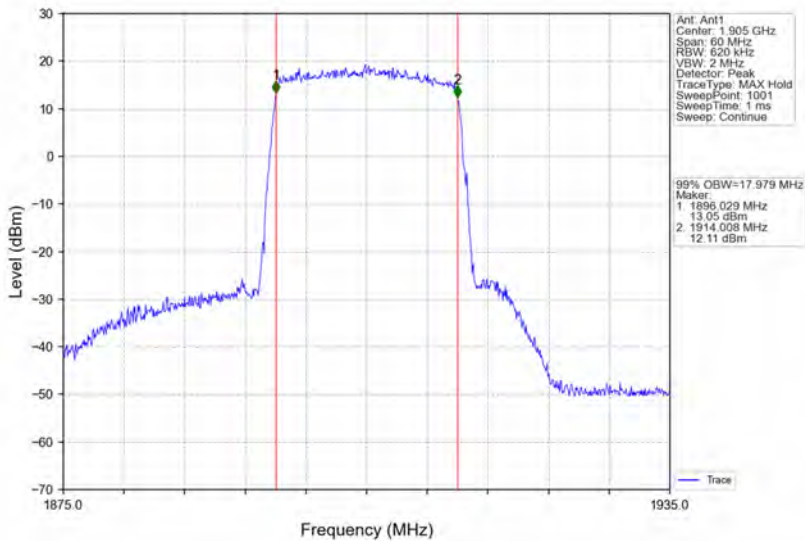
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Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



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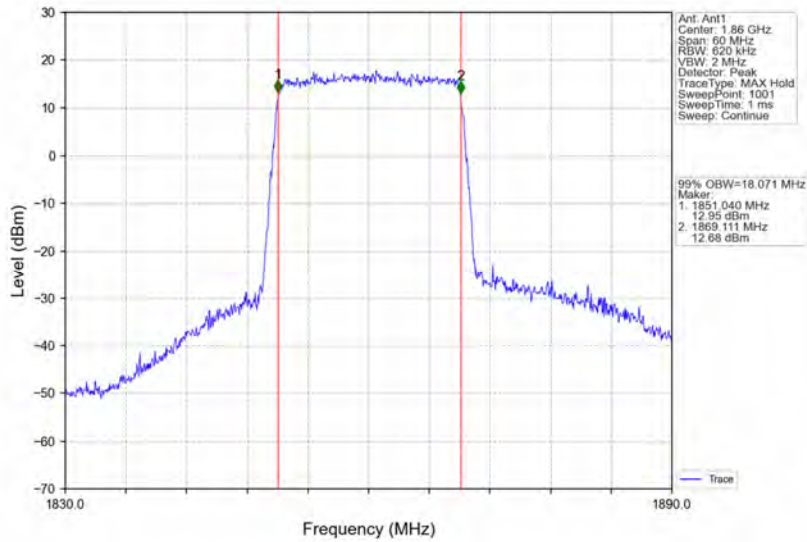
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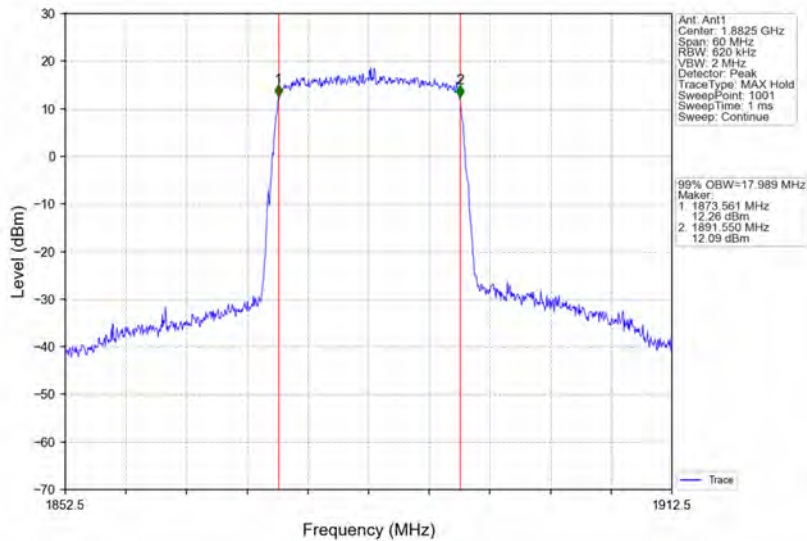


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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



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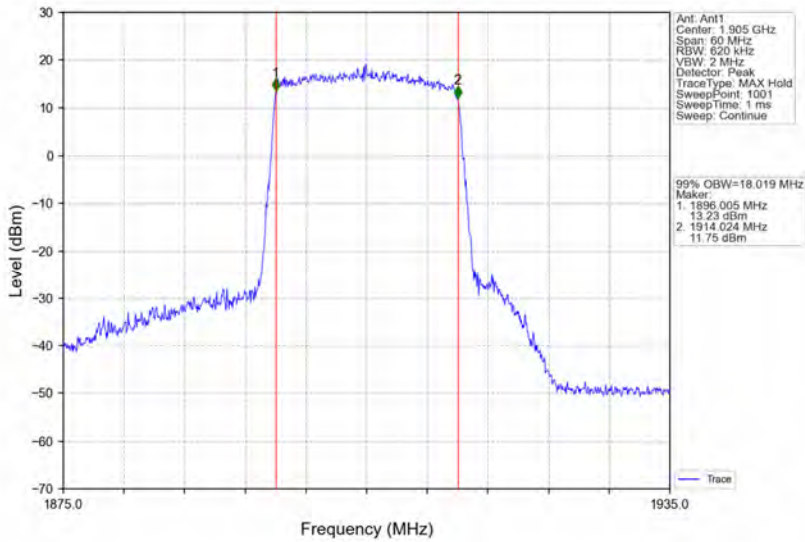
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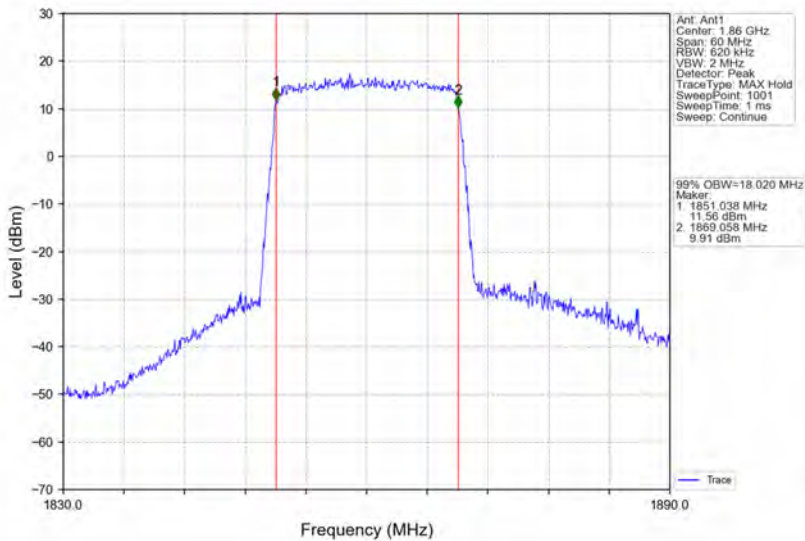
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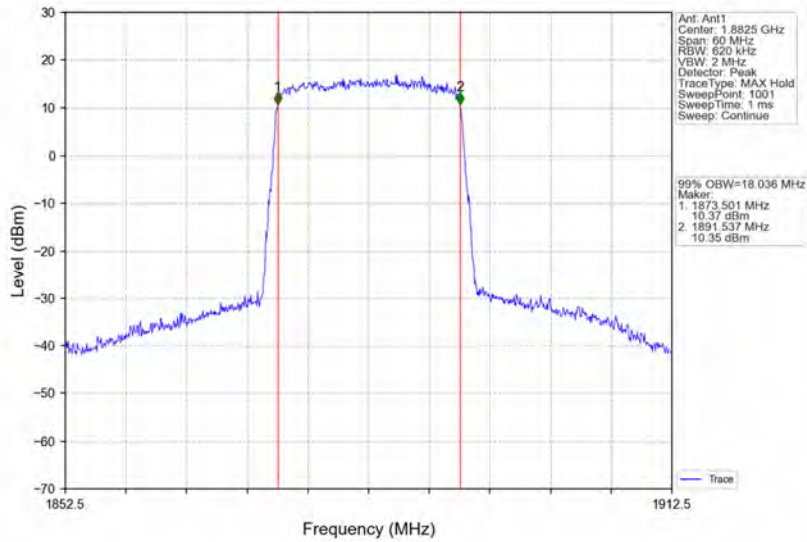
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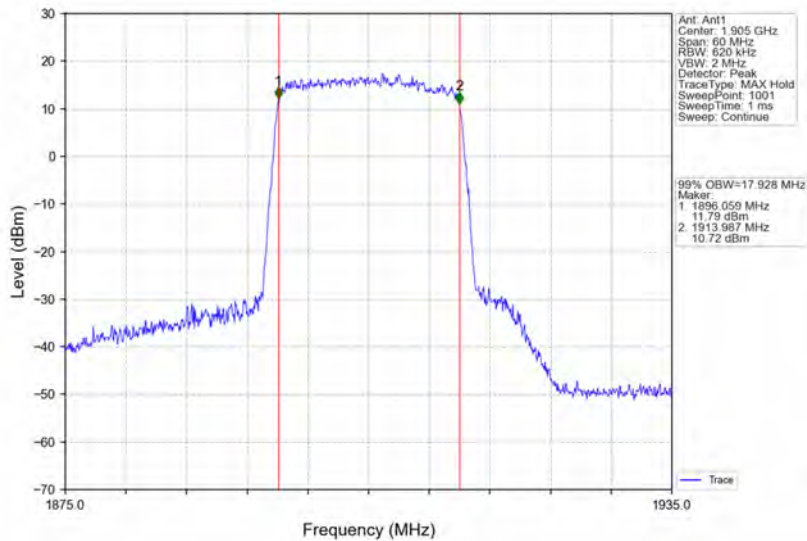
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Band25_20MHz_64QAM_HCH_1905MHz_RB_100_0_NTNV



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4.2 Band25_XDB

4.2.1 Test Result

Band: 25 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.320	Pass
		1882.5	6	0	1.330	Pass
		1914.3	6	0	1.336	Pass
	16QAM	1850.7	6	0	1.306	Pass
		1882.5	6	0	1.335	Pass
		1914.3	6	0	1.322	Pass
	64QAM	1850.7	6	0	1.333	Pass
		1882.5	6	0	1.325	Pass
		1914.3	6	0	1.334	Pass
3	QPSK	1851.5	15	0	3.057	Pass
		1882.5	15	0	3.055	Pass
		1913.5	15	0	3.050	Pass
	16QAM	1851.5	15	0	3.043	Pass
		1882.5	15	0	3.055	Pass
		1913.5	15	0	3.038	Pass
	64QAM	1851.5	15	0	3.035	Pass
		1882.5	15	0	3.038	Pass
		1913.5	15	0	3.042	Pass
5	QPSK	1852.5	25	0	5.053	Pass
		1882.5	25	0	5.080	Pass
		1912.5	25	0	5.075	Pass
	16QAM	1852.5	25	0	5.032	Pass
		1882.5	25	0	5.060	Pass
		1912.5	25	0	5.089	Pass
	64QAM	1852.5	25	0	5.048	Pass
		1882.5	25	0	5.062	Pass
		1912.5	25	0	5.047	Pass
10	QPSK	1855	50	0	10.012	Pass
		1882.5	50	0	10.028	Pass
		1910	50	0	9.996	Pass
	16QAM	1855	50	0	10.018	Pass
		1882.5	50	0	9.927	Pass
		1910	50	0	9.974	Pass
	64QAM	1855	50	0	9.949	Pass
		1882.5	50	0	9.942	Pass
		1910	50	0	9.982	Pass
15	QPSK	1857.5	75	0	14.864	Pass
		1882.5	75	0	14.947	Pass
		1907.5	75	0	14.876	Pass
	16QAM	1857.5	75	0	14.879	Pass
		1882.5	75	0	14.938	Pass
		1907.5	75	0	14.917	Pass
	64QAM	1857.5	75	0	14.875	Pass



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		1882.5	75	0	14.938	Pass
		1907.5	75	0	14.846	Pass
20	QPSK	1860	100	0	19.772	Pass
		1882.5	100	0	19.564	Pass
		1905	100	0	19.819	Pass
	16QAM	1860	100	0	19.791	Pass
		1882.5	100	0	19.838	Pass
		1905	100	0	19.629	Pass
	64QAM	1860	100	0	19.843	Pass
		1882.5	100	0	19.776	Pass
		1905	100	0	19.720	Pass

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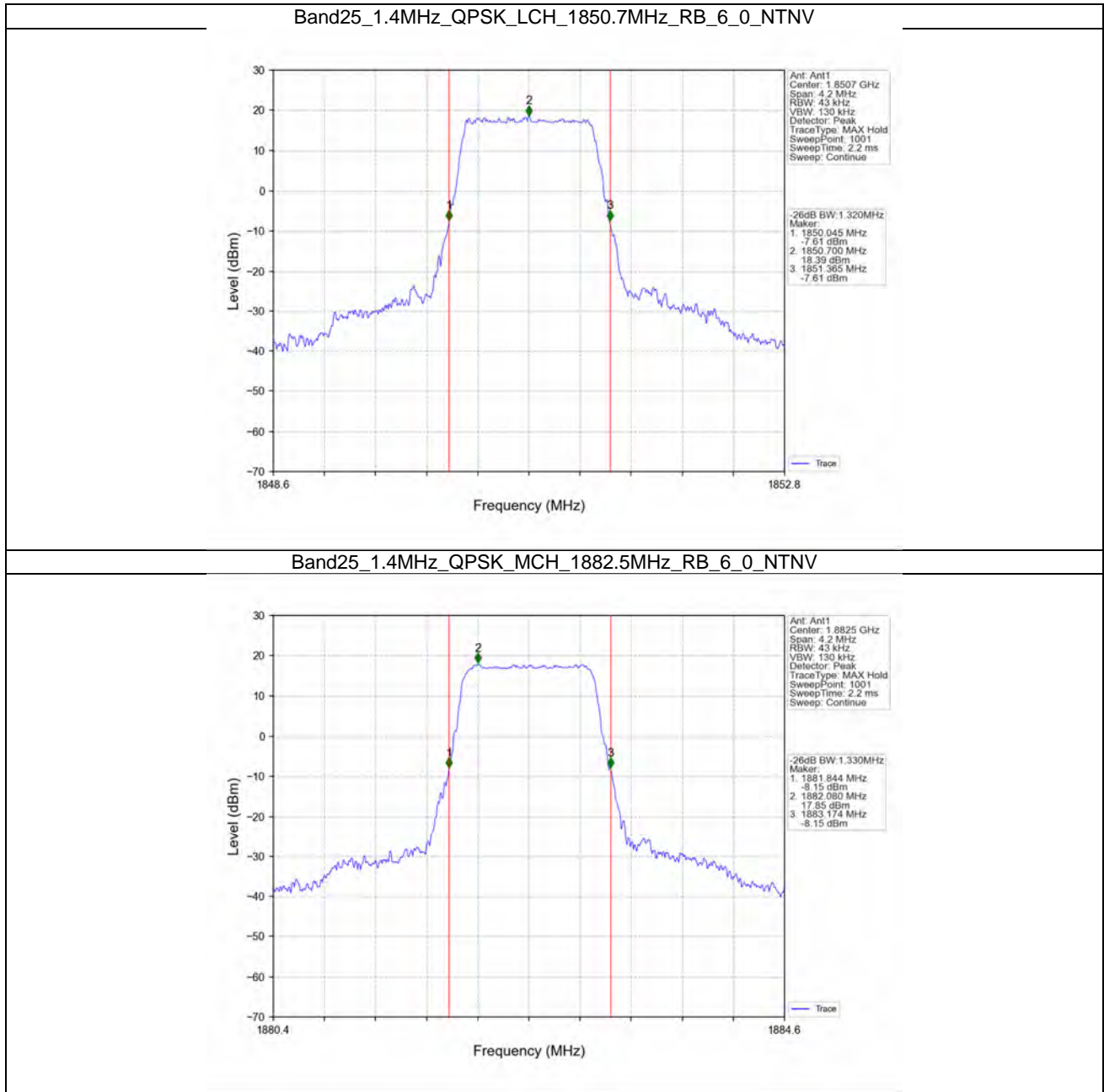
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4.2.2 Test Graph



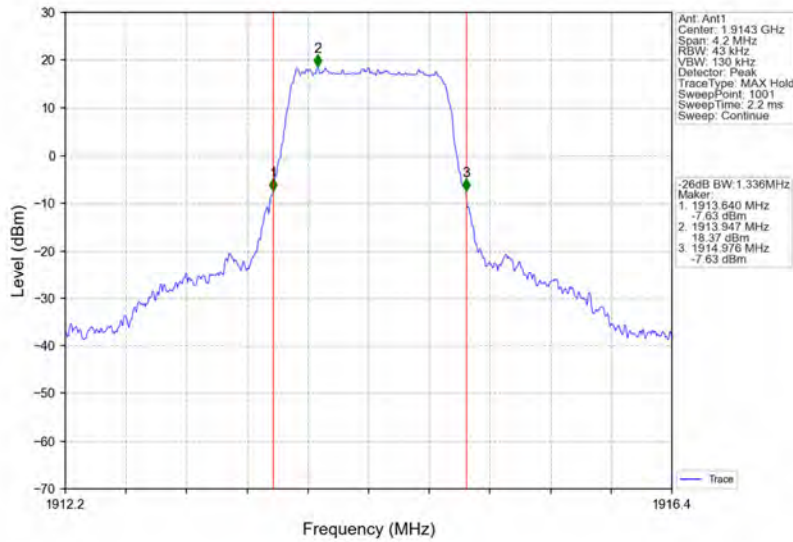
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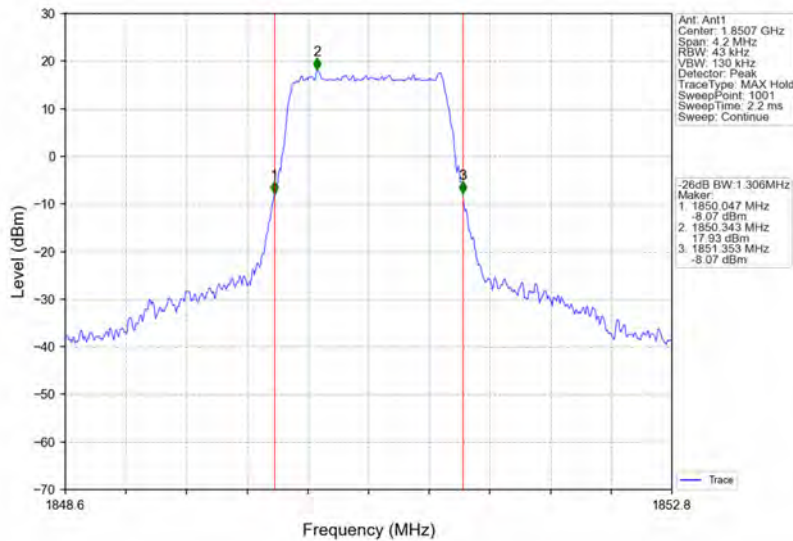
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Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



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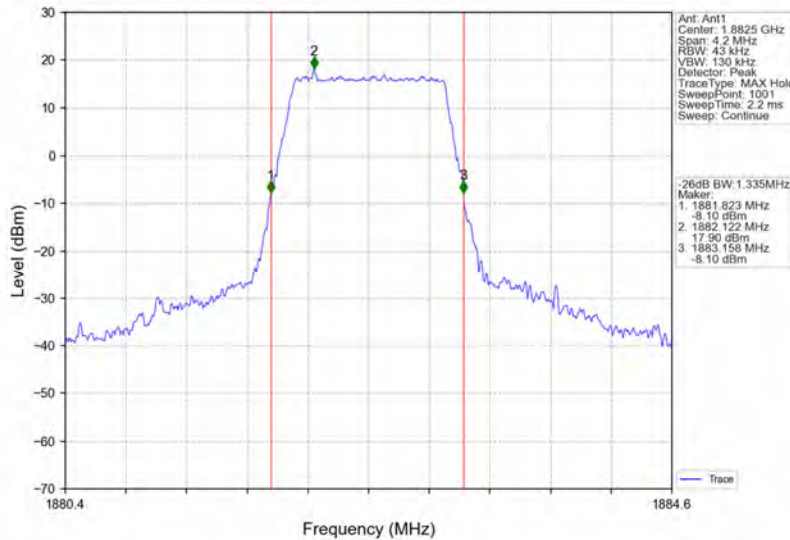
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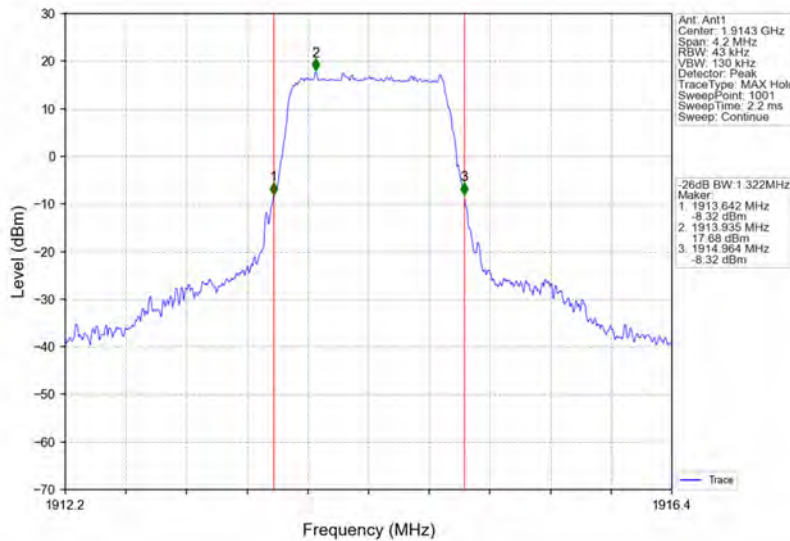


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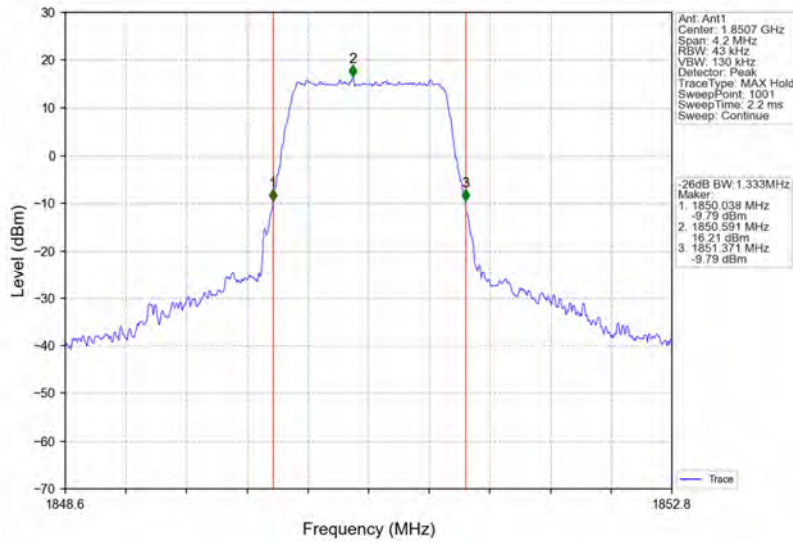
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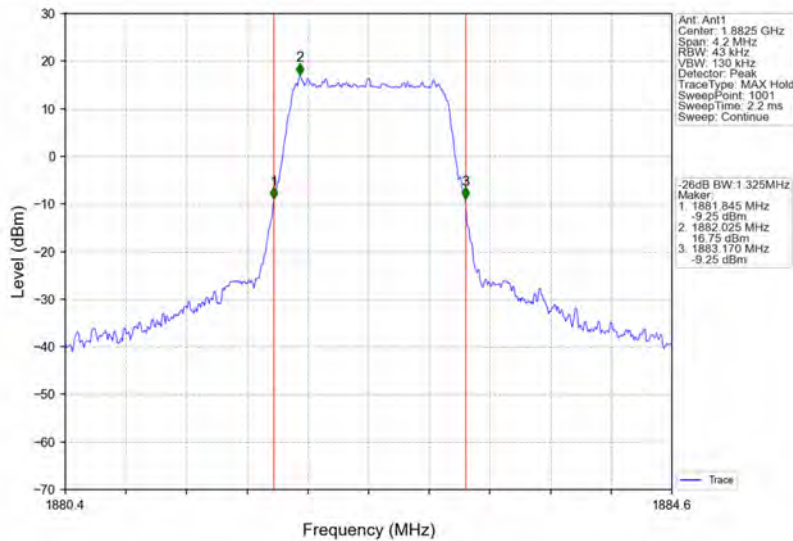
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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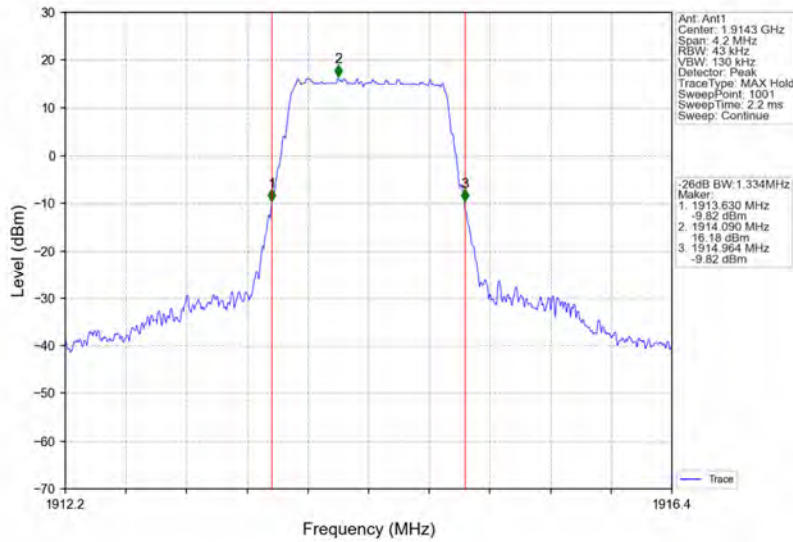
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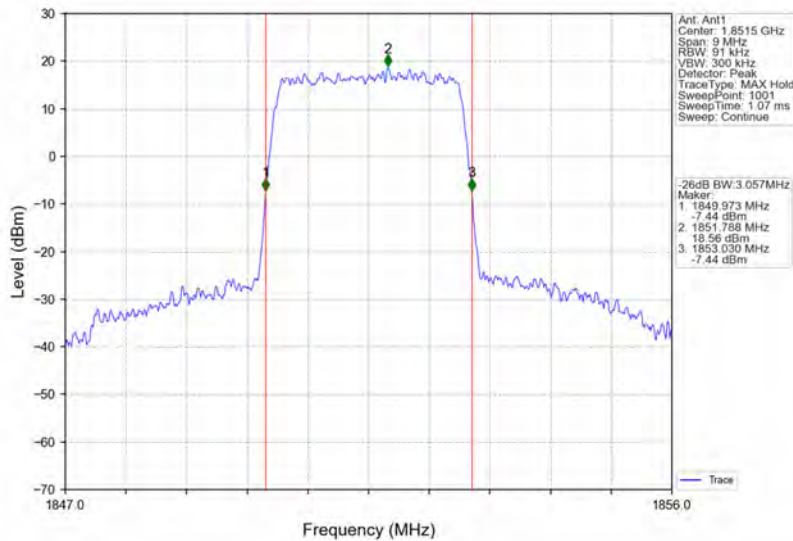


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Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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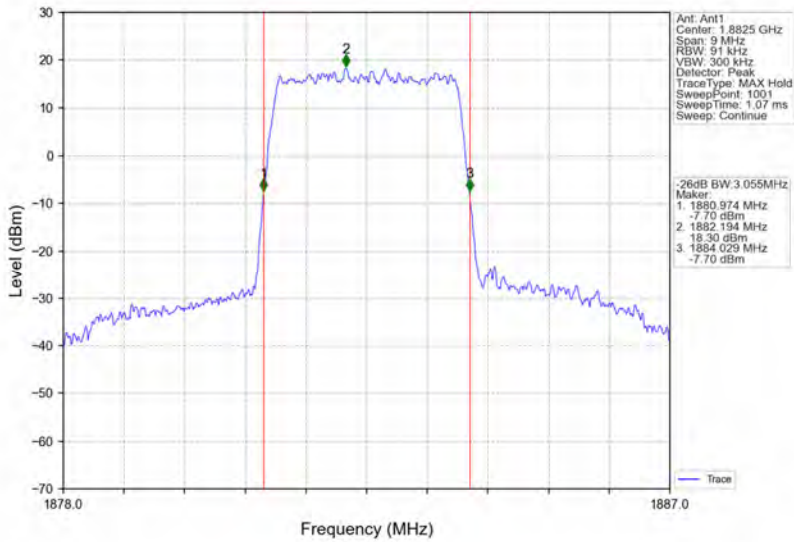
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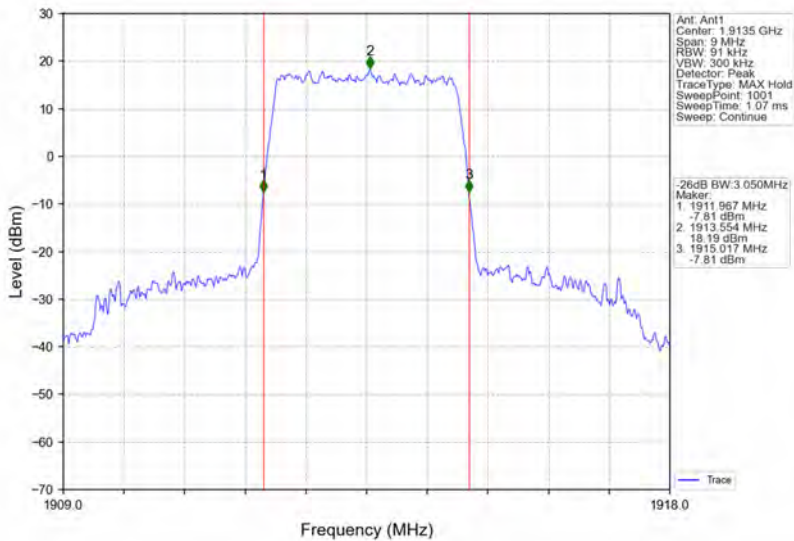


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Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



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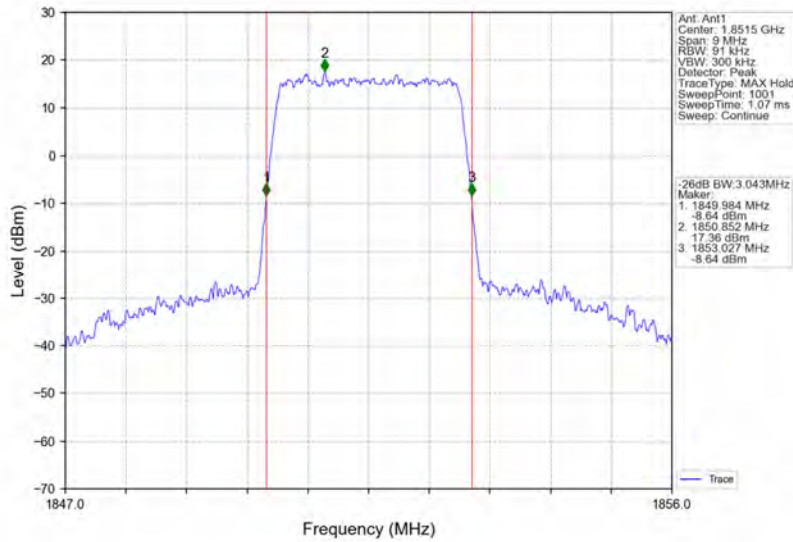
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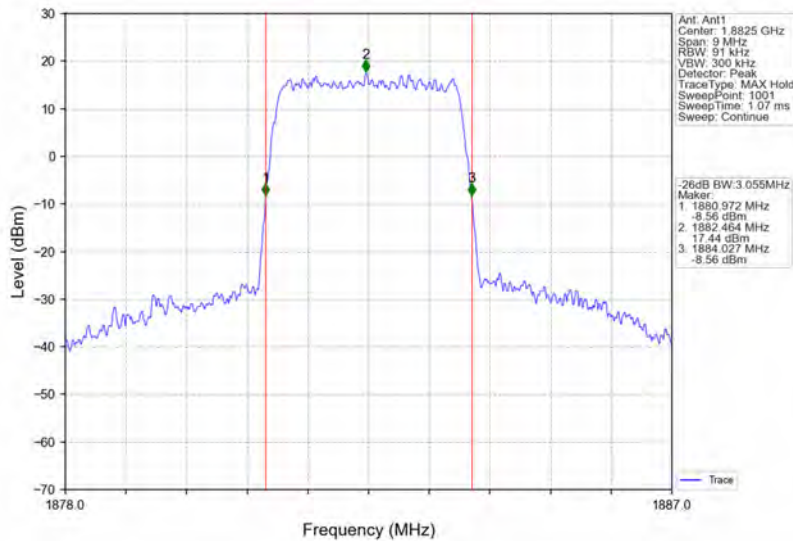


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Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



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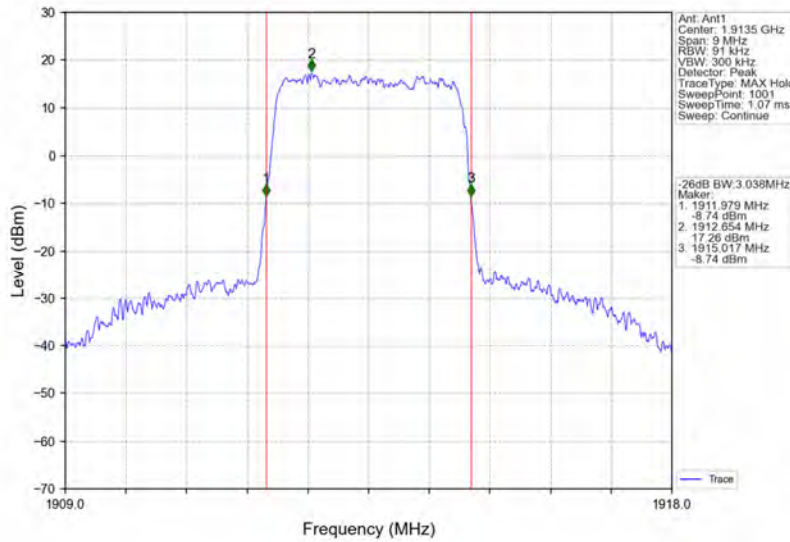
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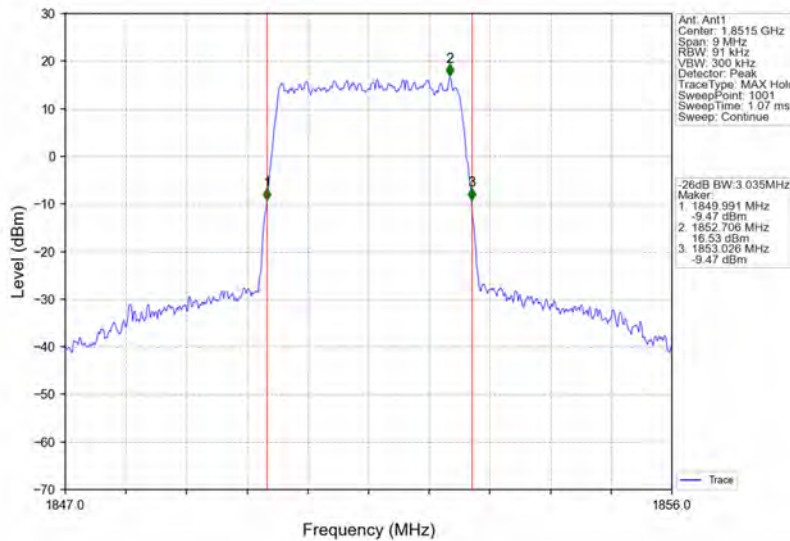


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Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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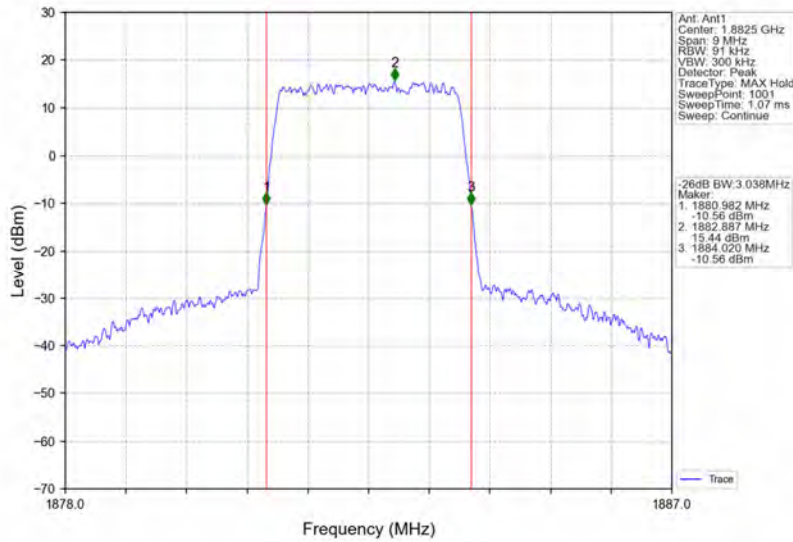
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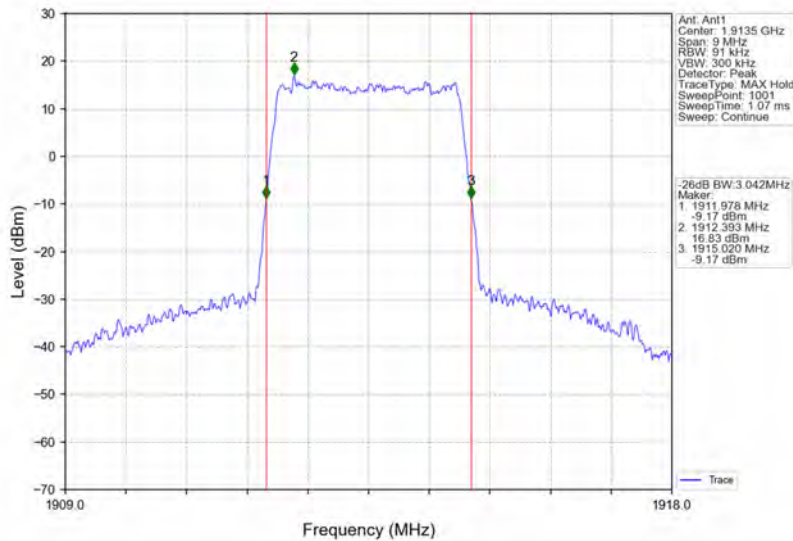
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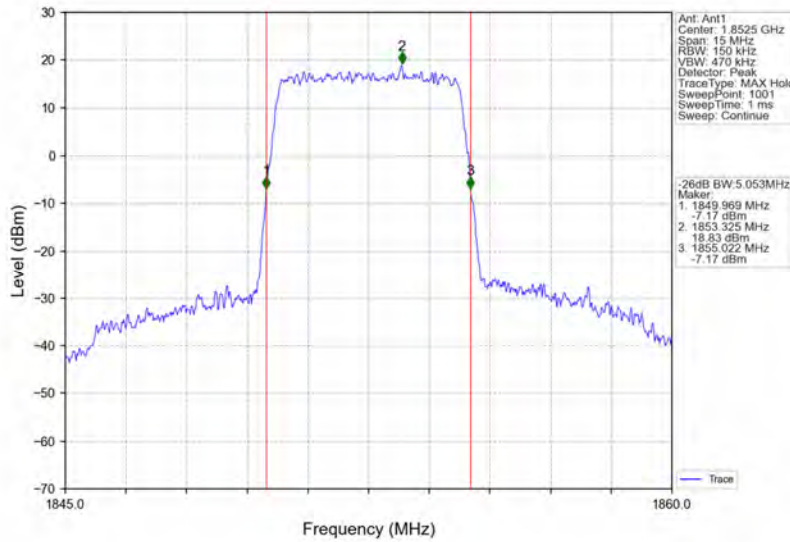
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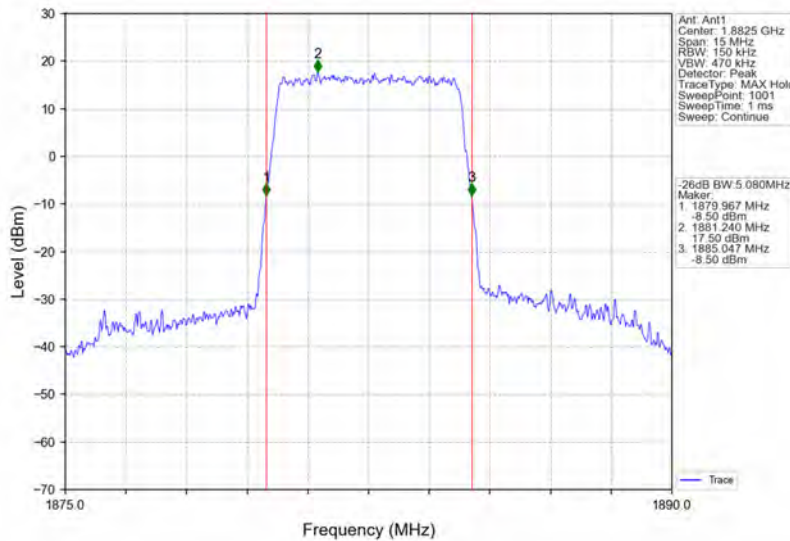


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Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



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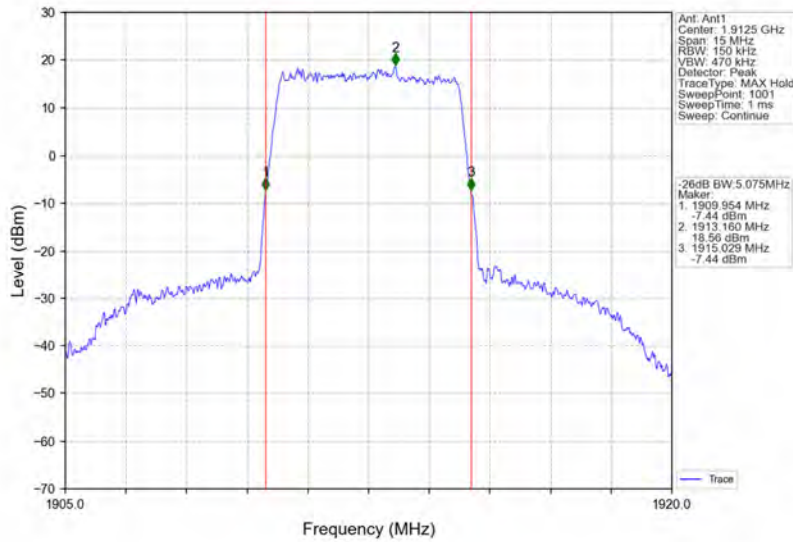
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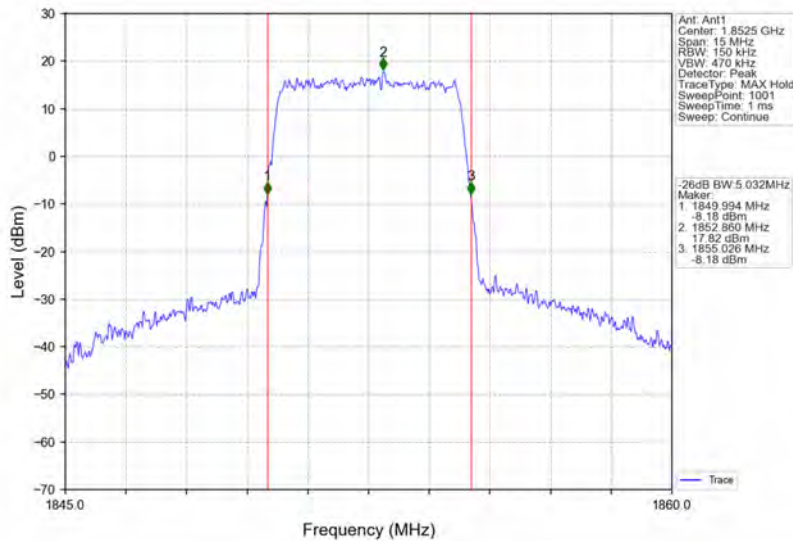
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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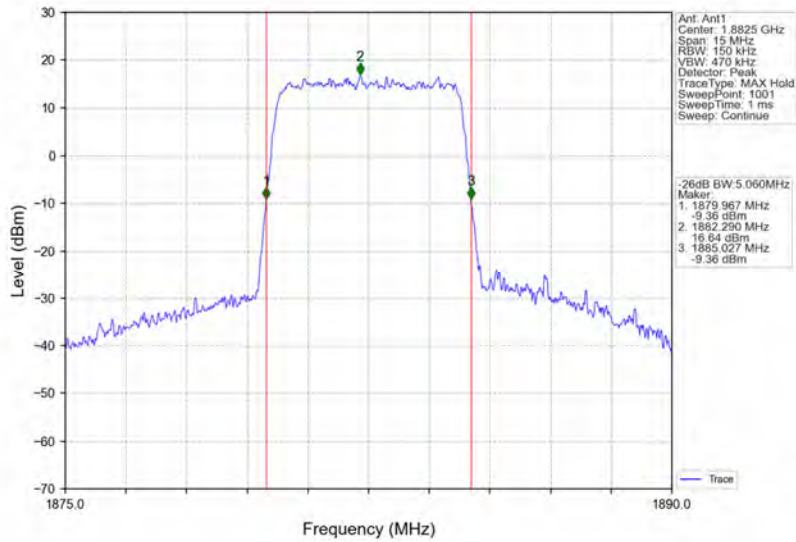
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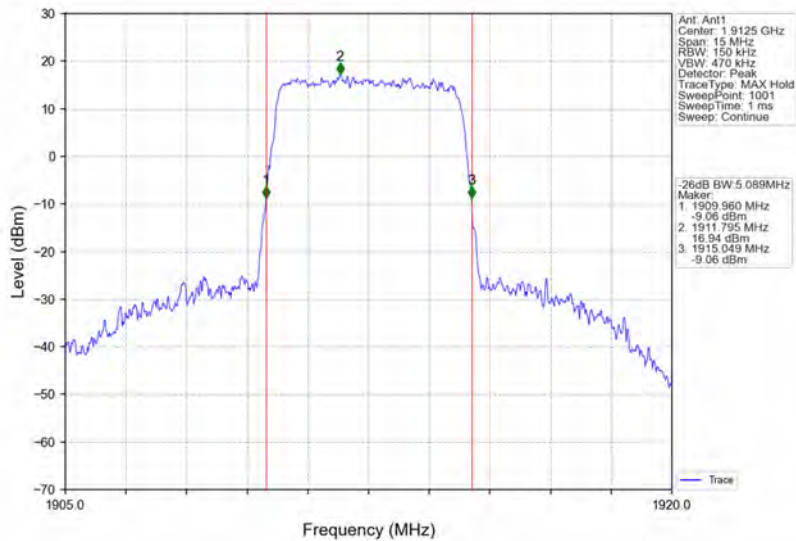


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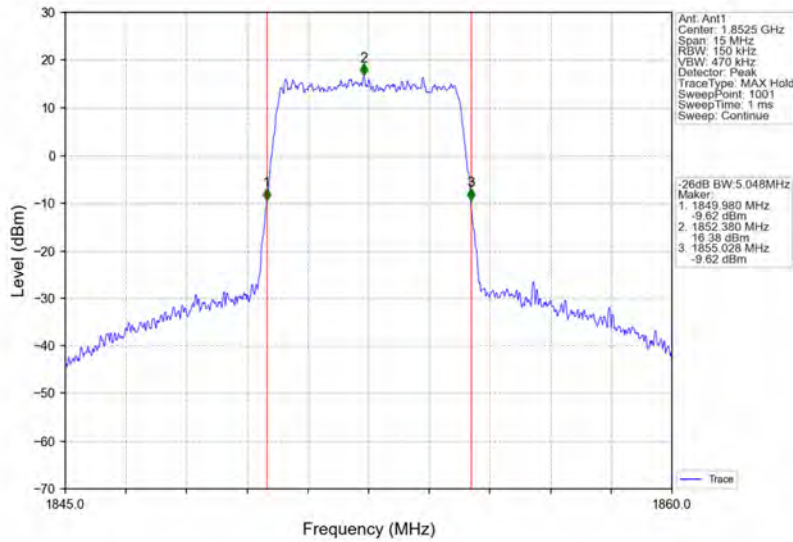
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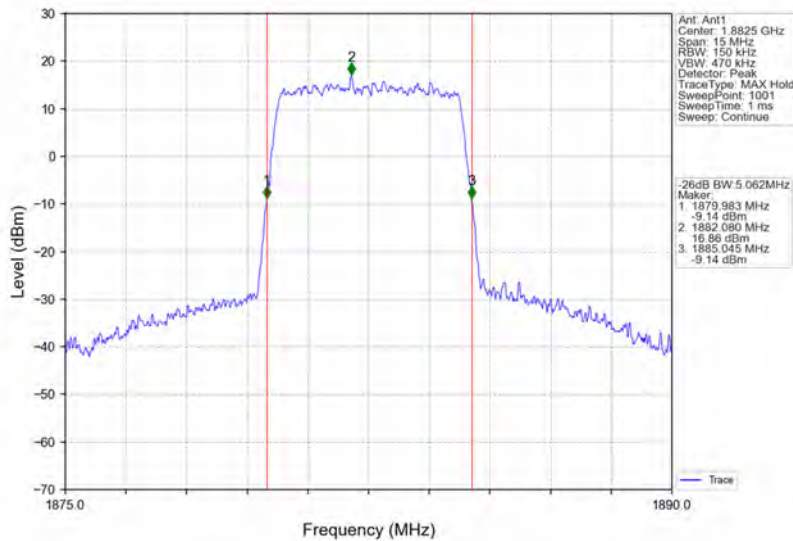


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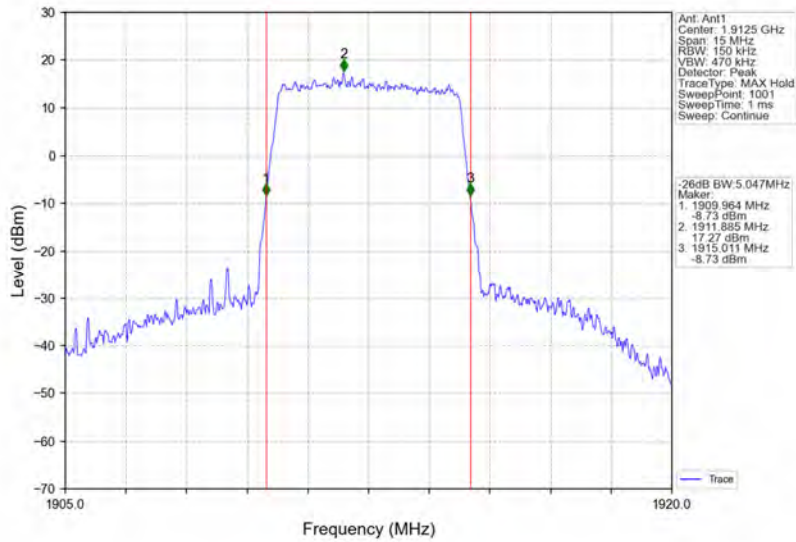
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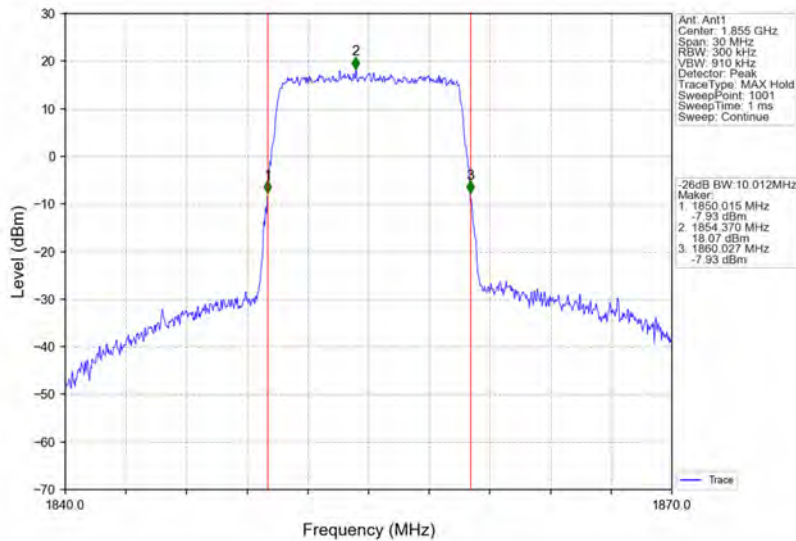


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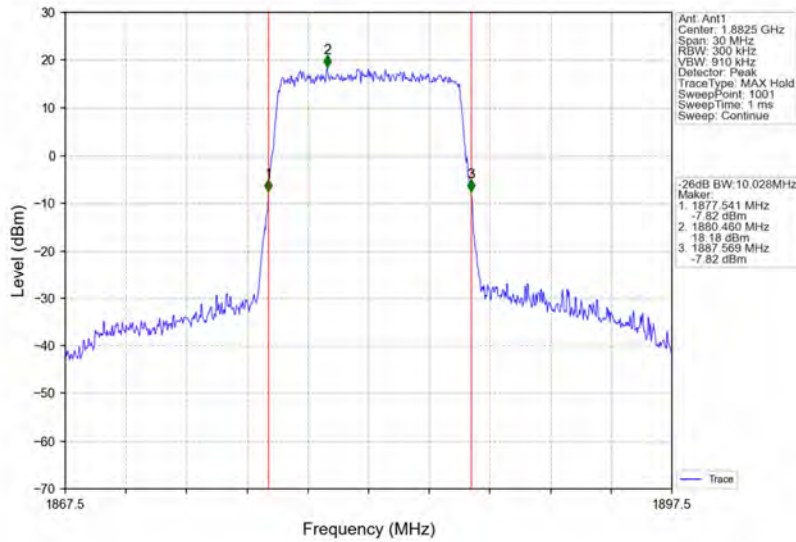
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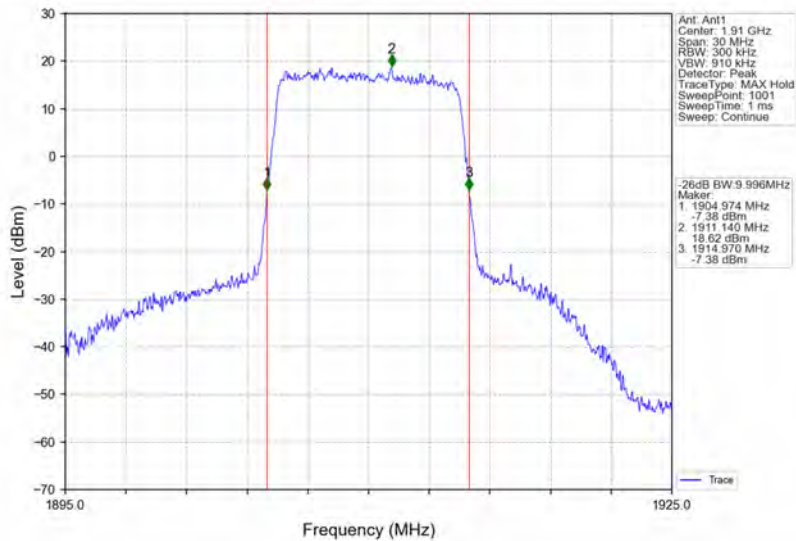


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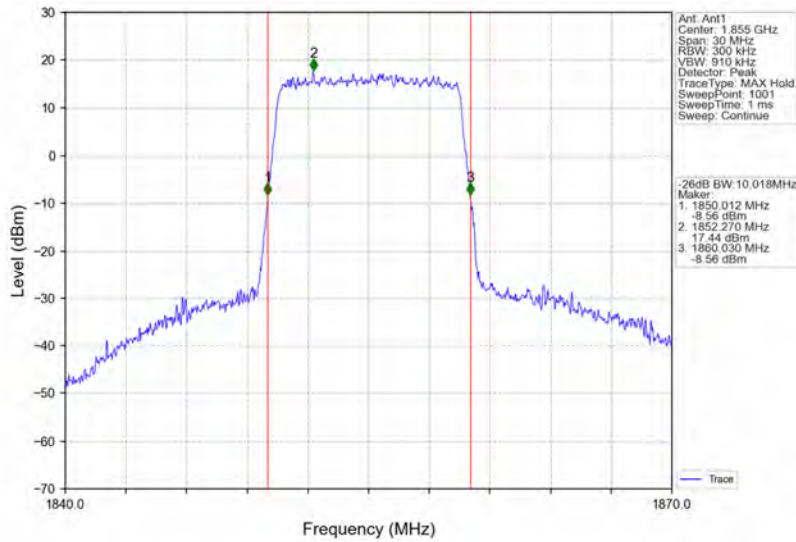
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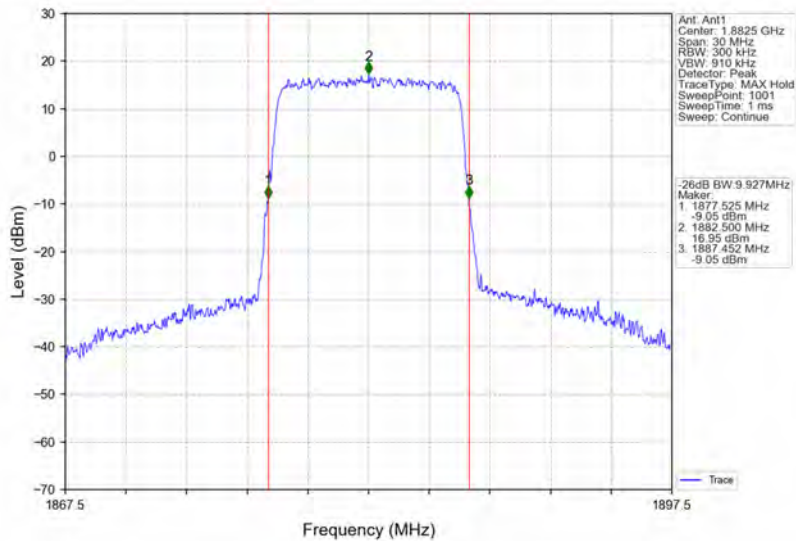


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Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



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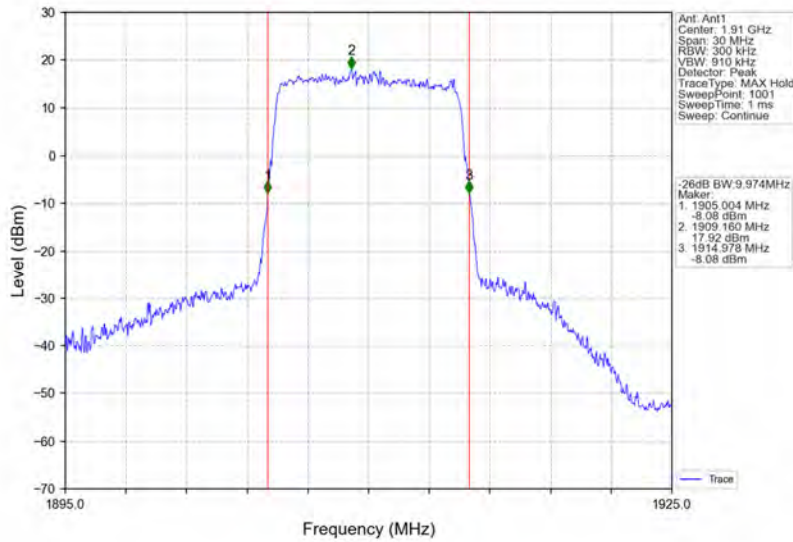
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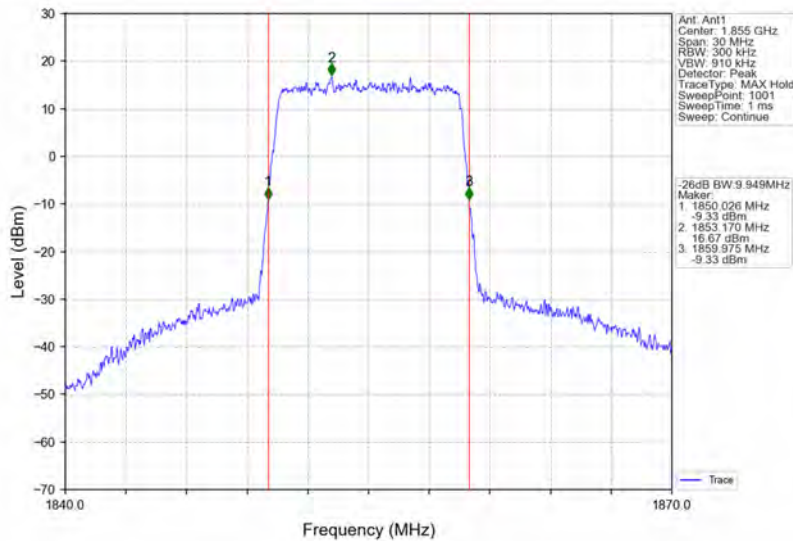
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Band25_10MHz_64QAM_LCH_1855MHz_RB_50_0_NTNV



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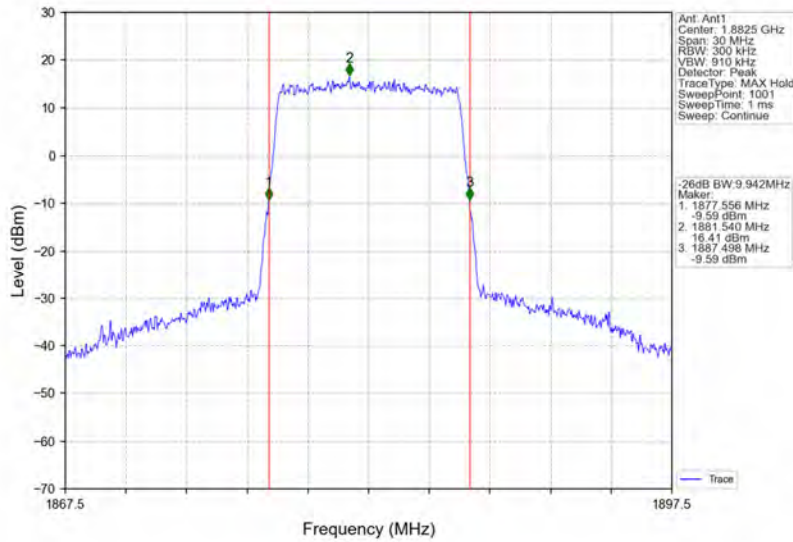
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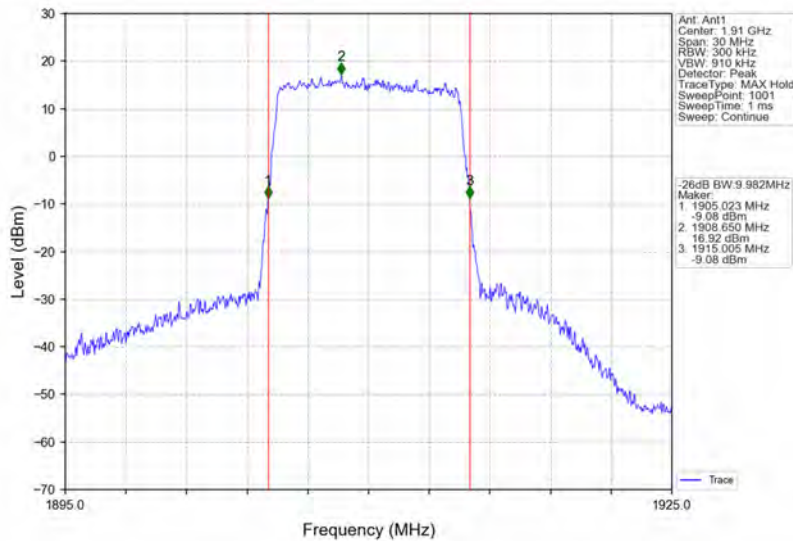


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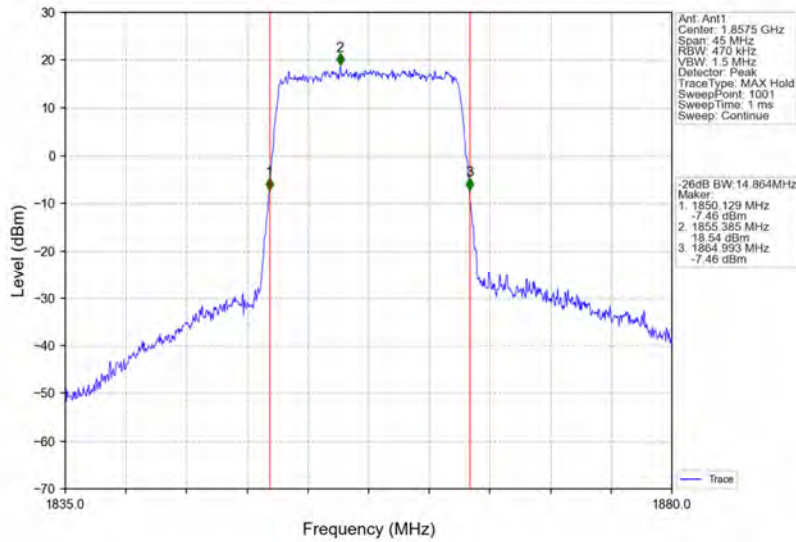
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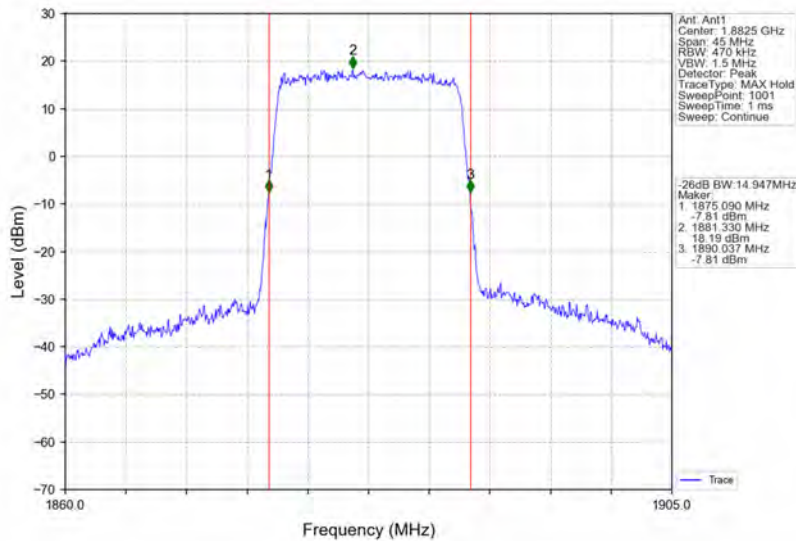
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Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



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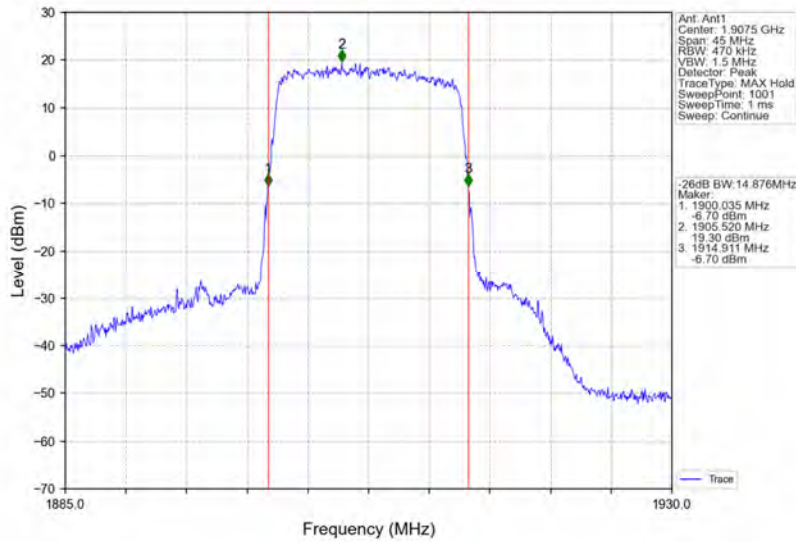
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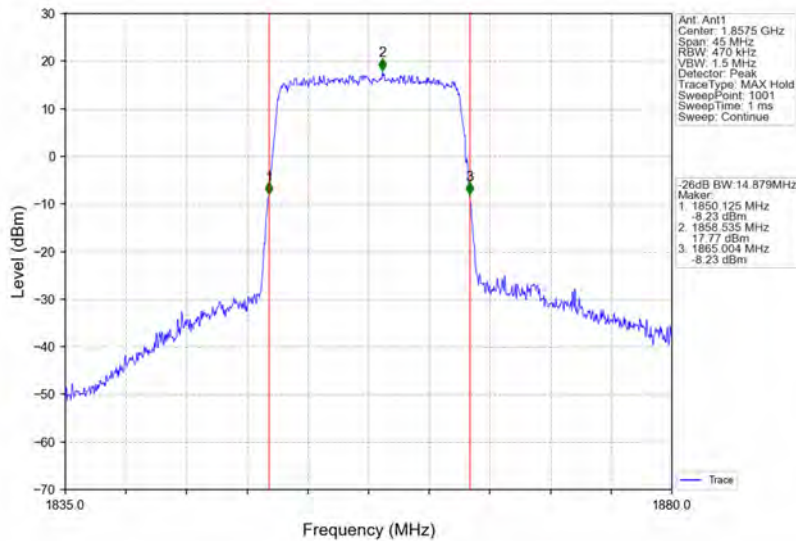
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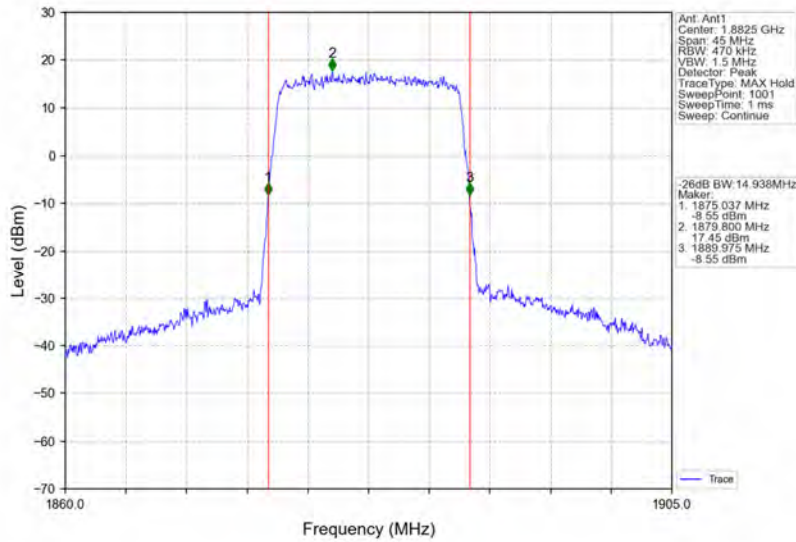
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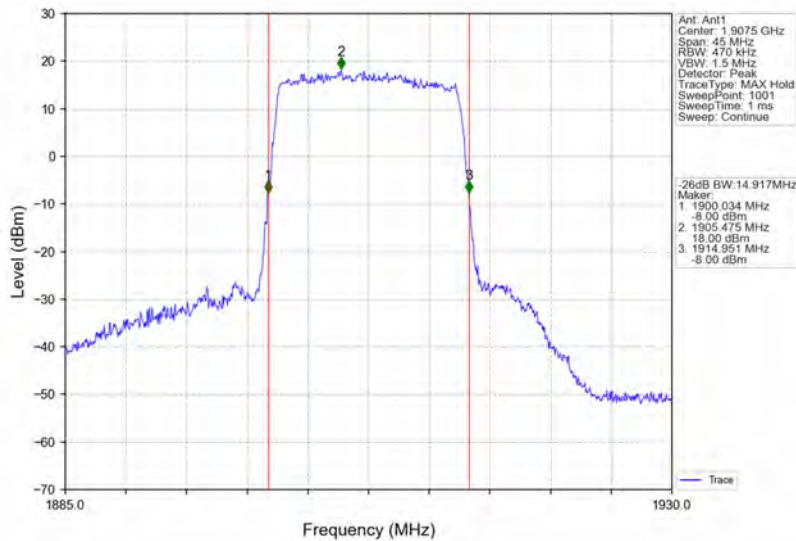
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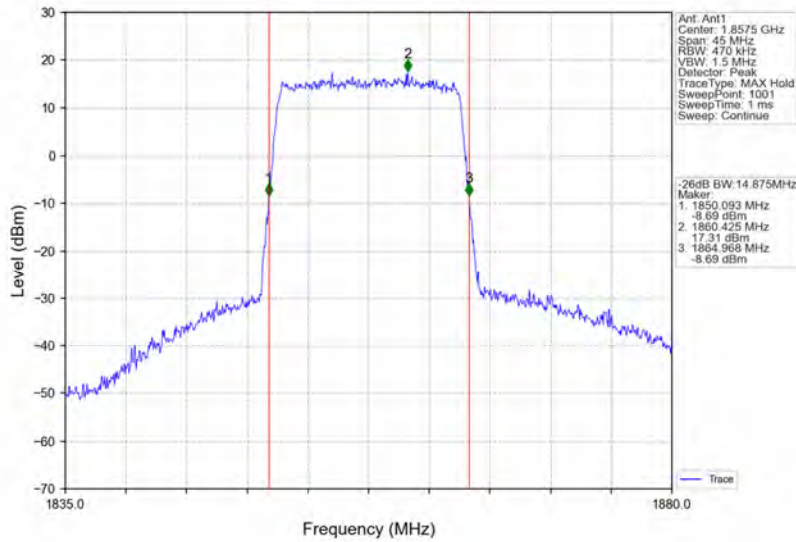
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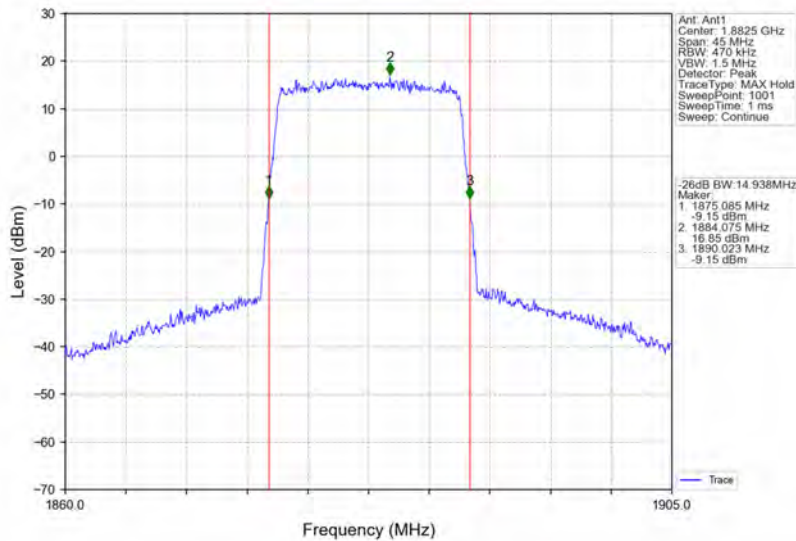
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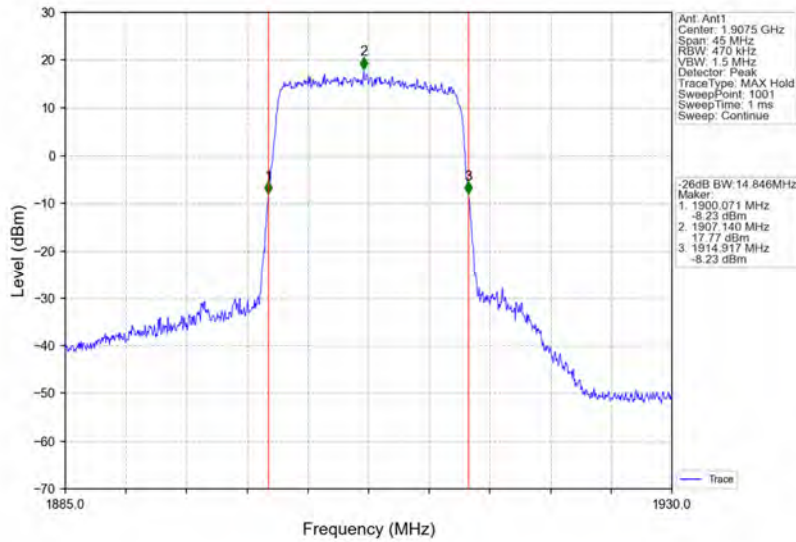
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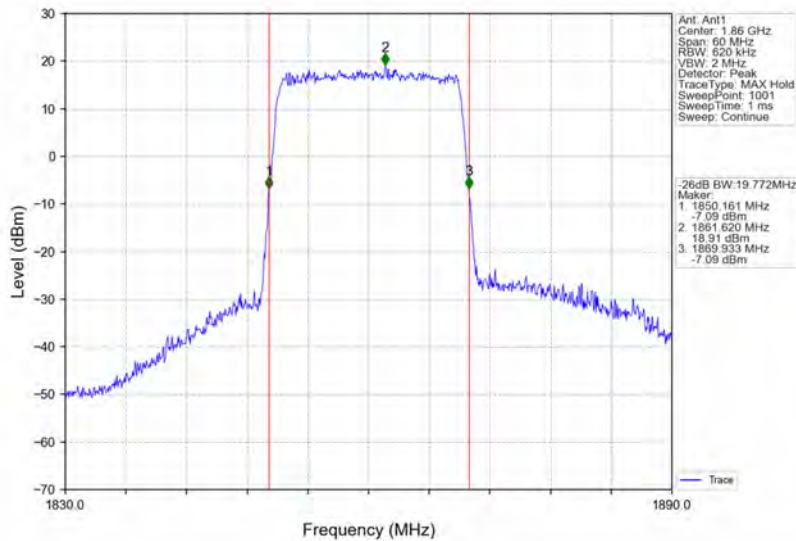
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Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



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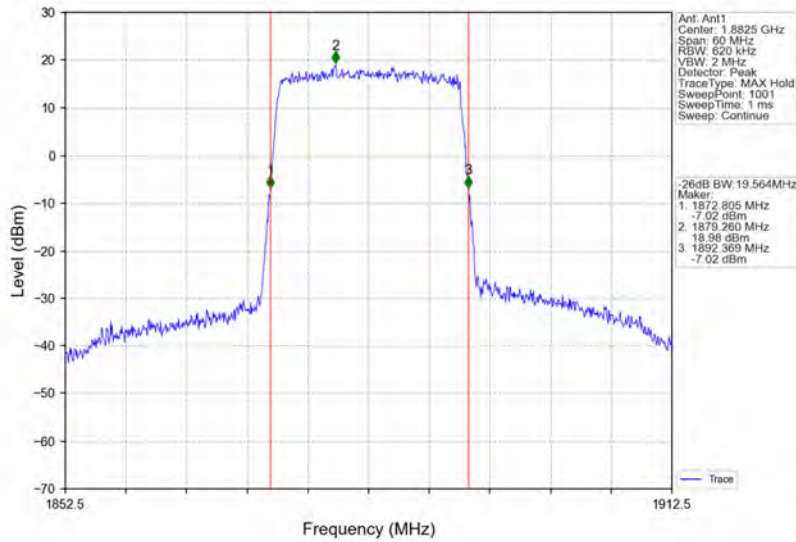
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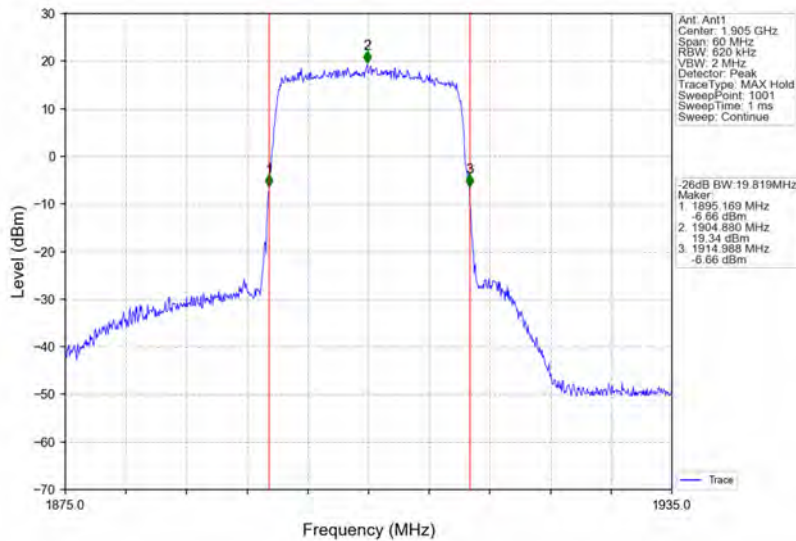
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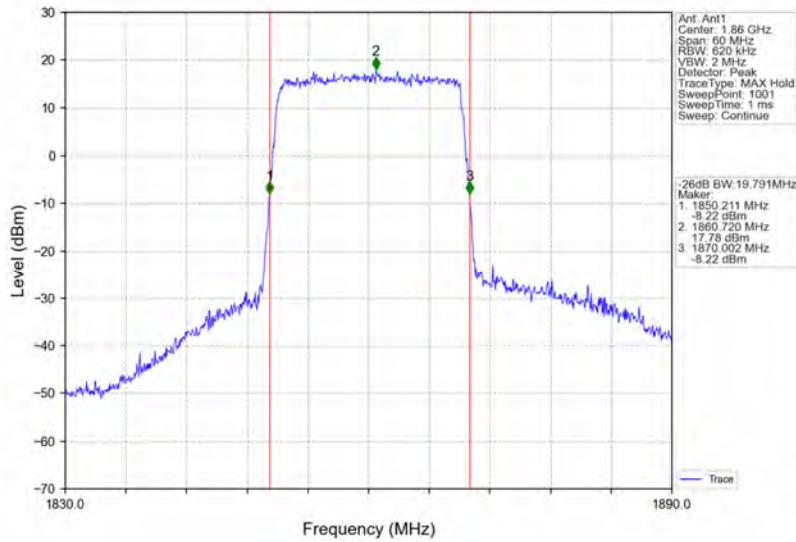
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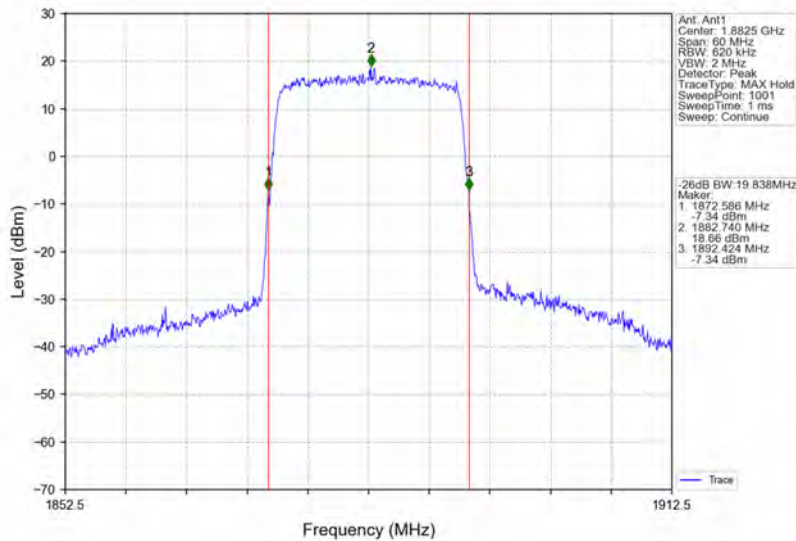


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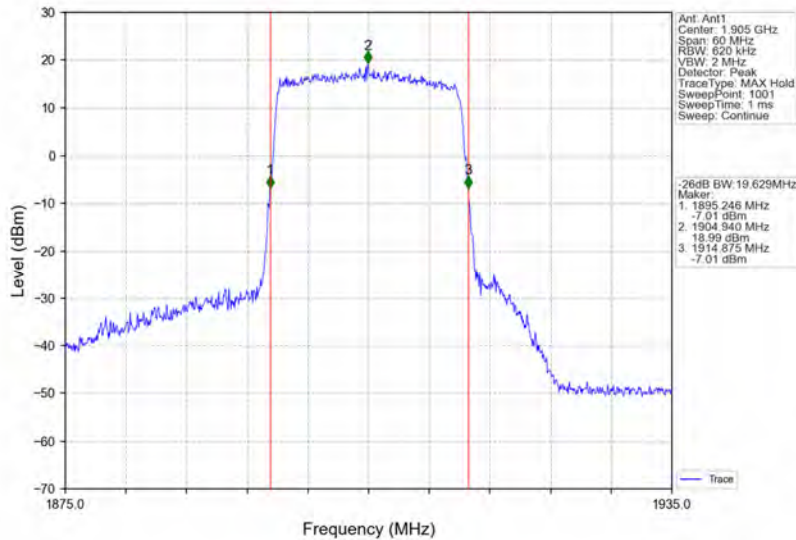
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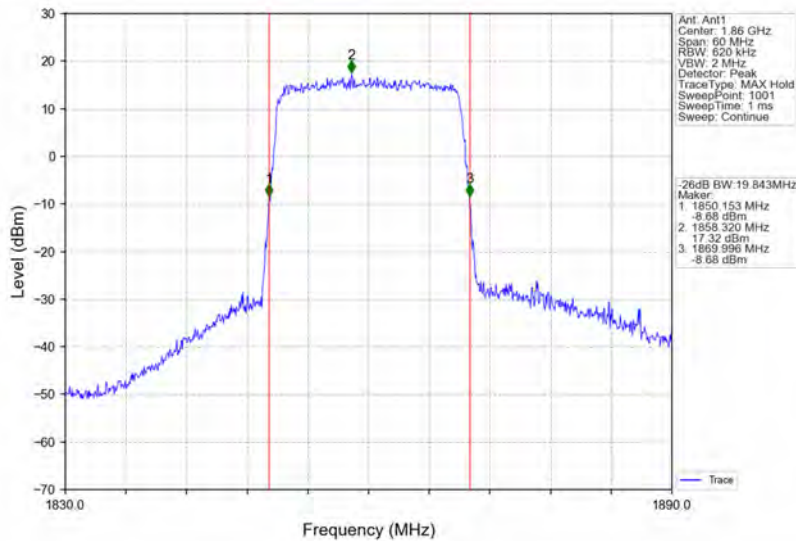


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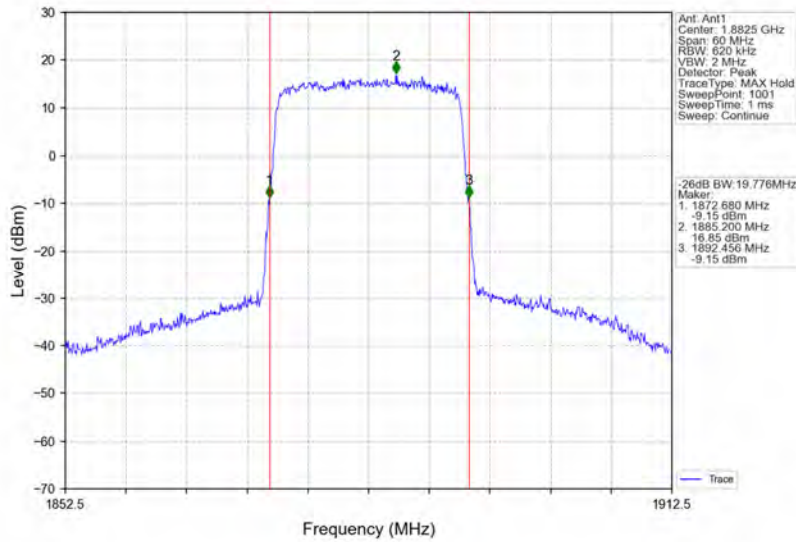
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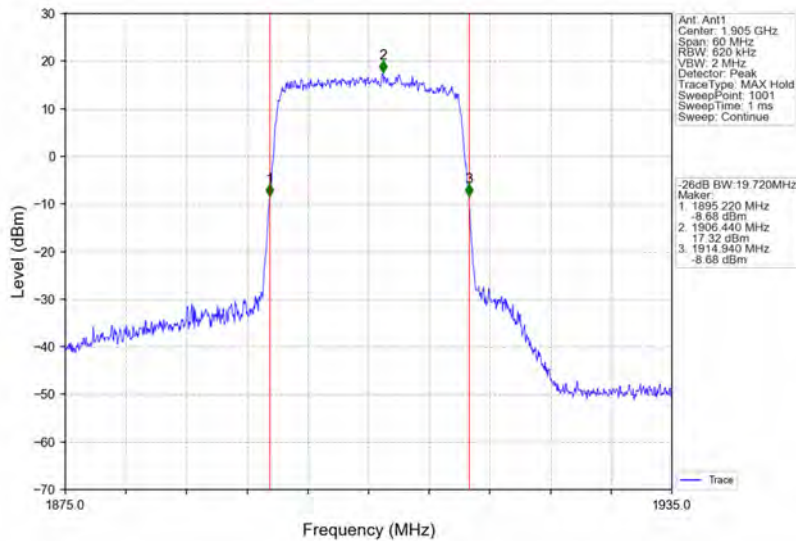
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5. Peak-Average Ratio

5.1 B25_1.4MHz

5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.15	<=13	Pass
	1882.5	6	0	5.12	<=13	Pass
	1914.3	6	0	4.90	<=13	Pass
16QAM	1850.7	6	0	5.95	<=13	Pass
	1882.5	6	0	5.98	<=13	Pass
	1914.3	6	0	5.73	<=13	Pass
64QAM	1850.7	6	0	6.39	<=13	Pass
	1882.5	6	0	6.65	<=13	Pass
	1914.3	6	0	6.39	<=13	Pass



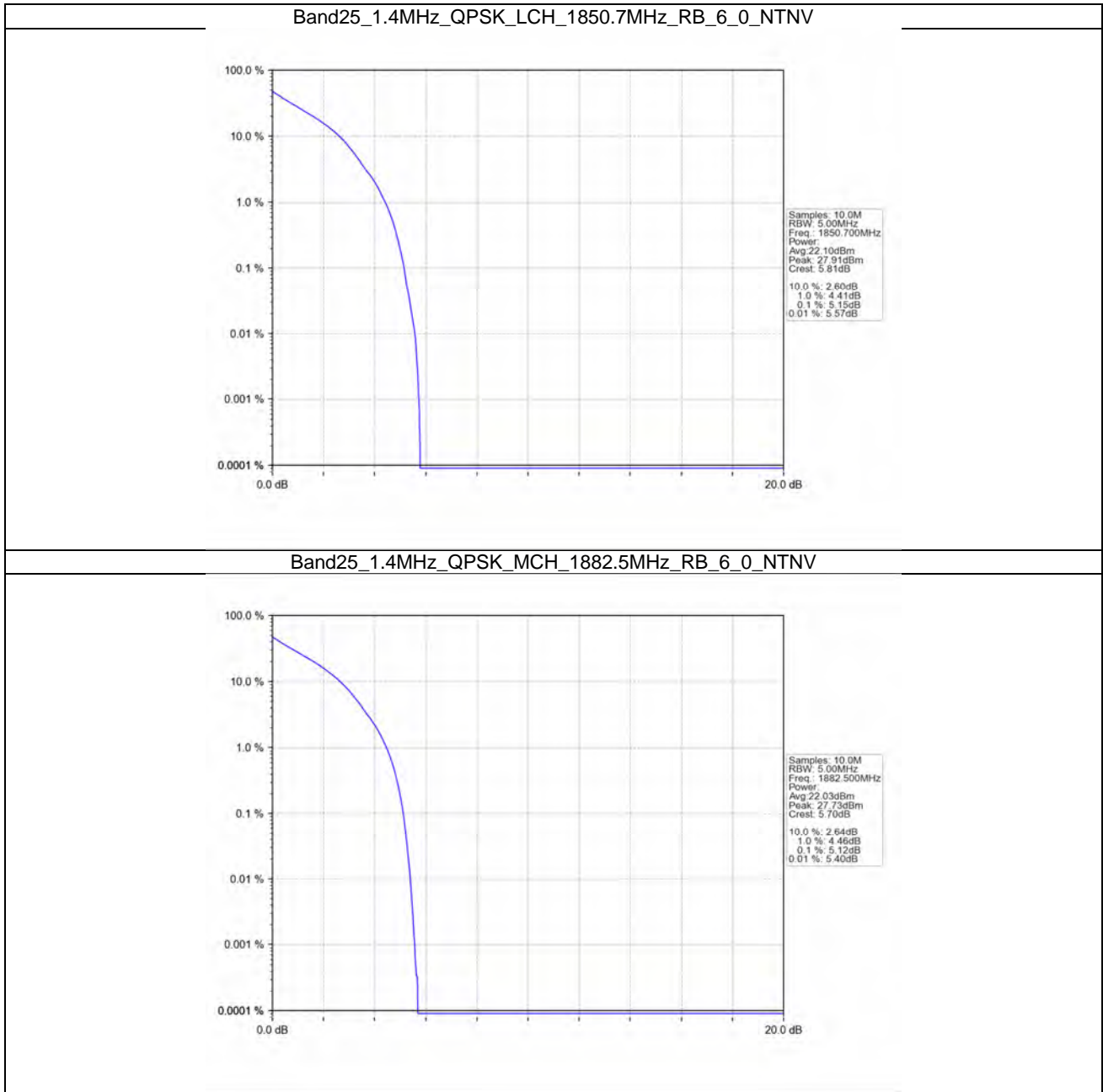
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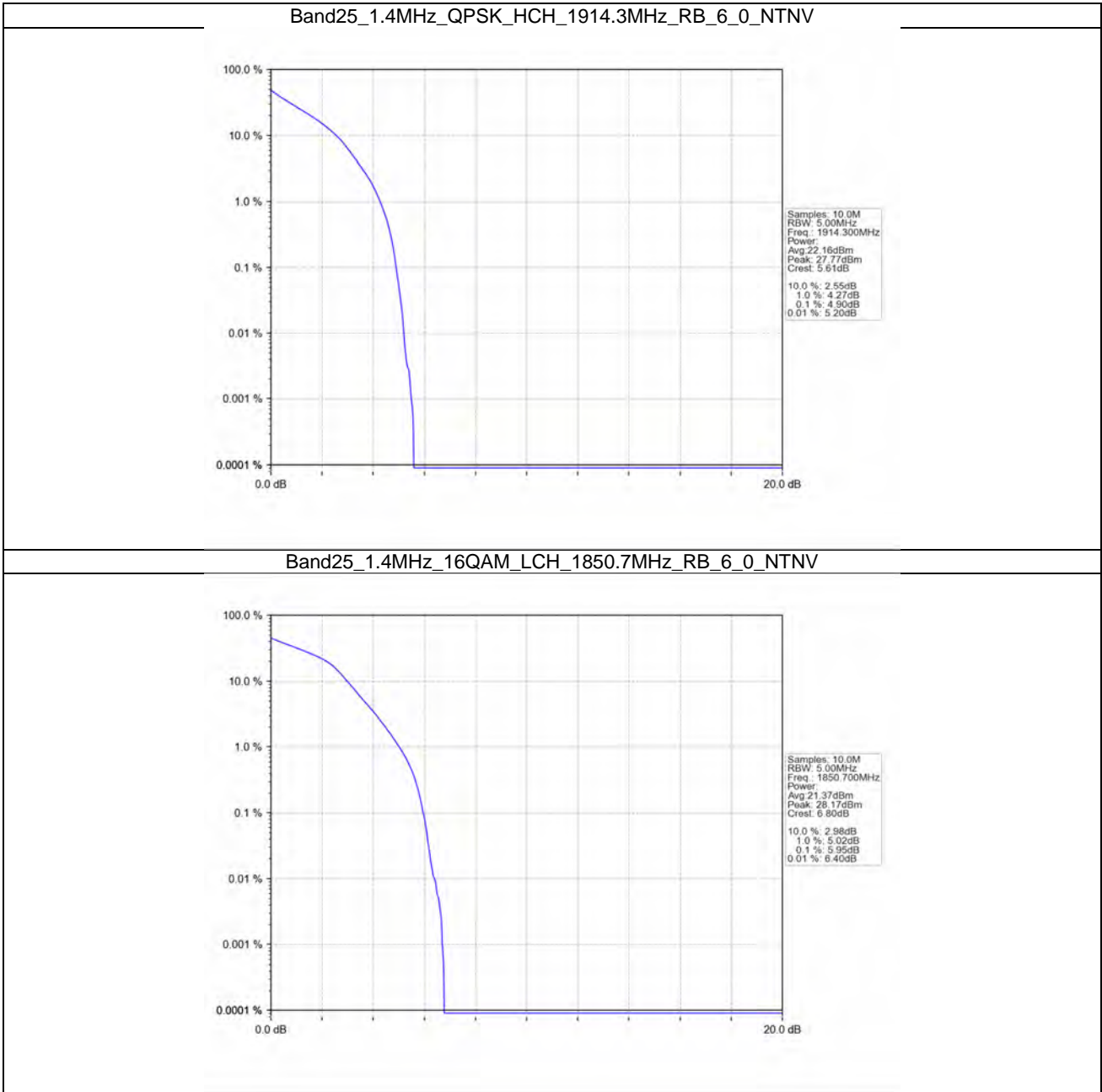
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5.1.2 Test Graph



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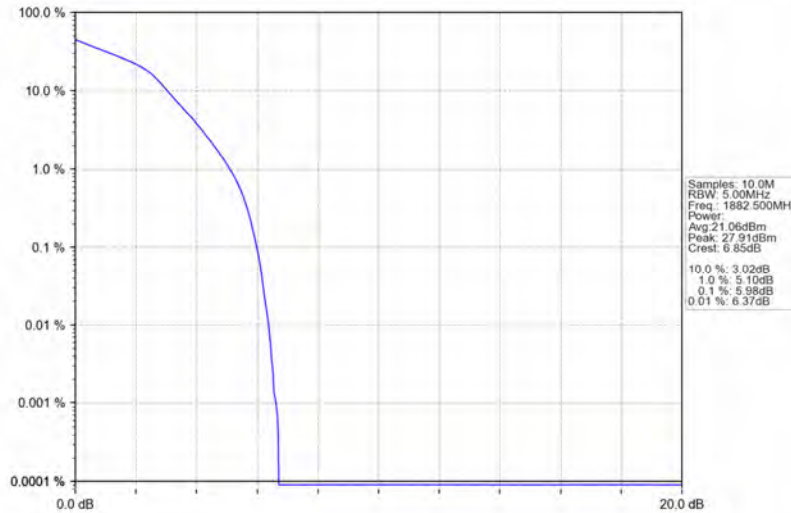
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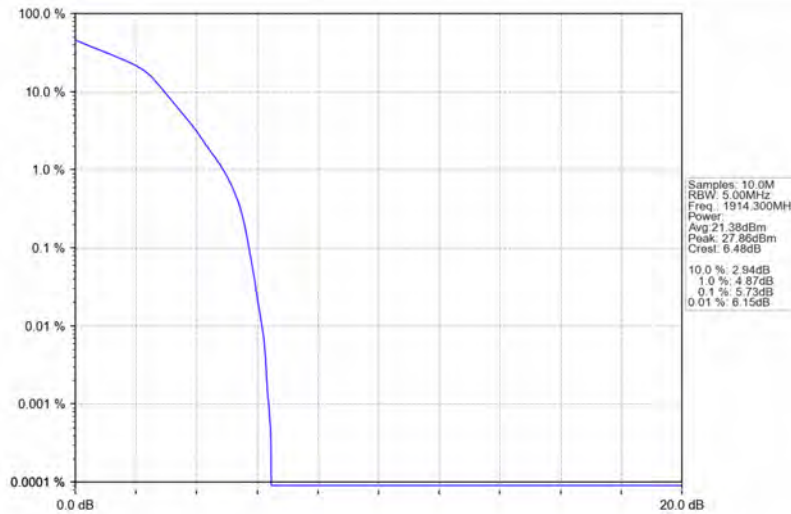
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Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



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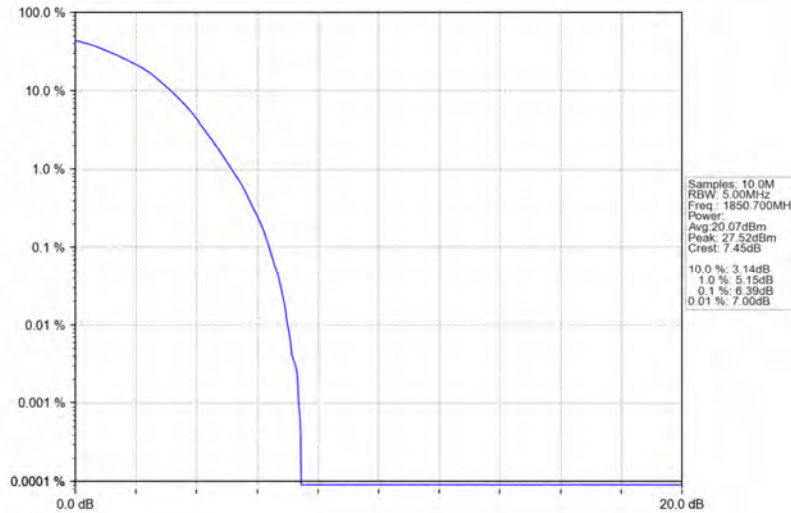
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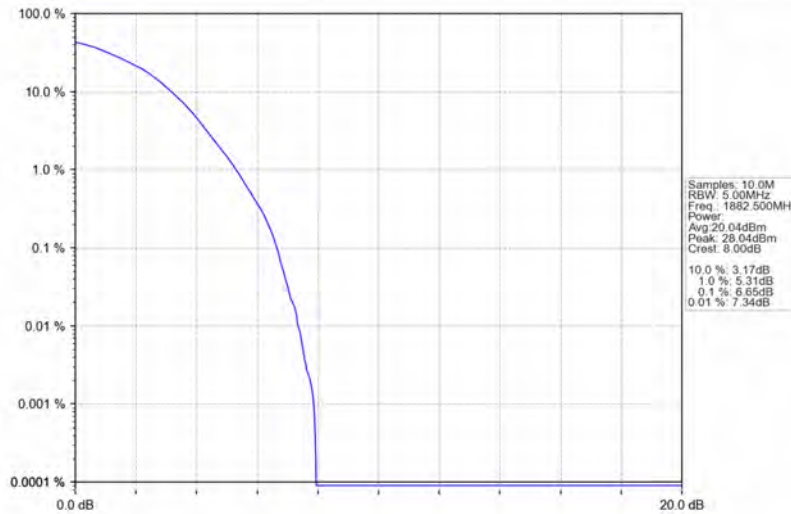
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Band25_1.4MHz_64QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_64QAM_MCH_1882.5MHz_RB_6_0_NTNV



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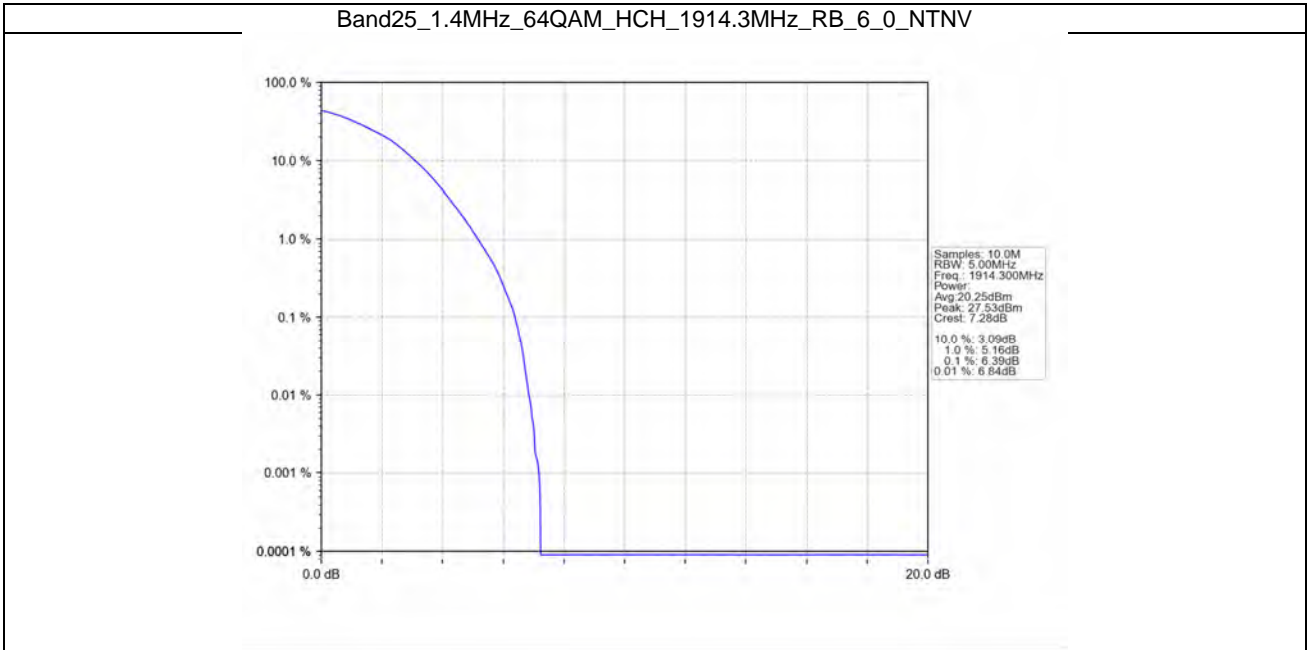
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5.2 B25_3MHz

5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.19	<=13	Pass
	1882.5	15	0	5.17	<=13	Pass
	1913.5	15	0	5.03	<=13	Pass
16QAM	1851.5	15	0	6.03	<=13	Pass
	1882.5	15	0	6.06	<=13	Pass
	1913.5	15	0	5.86	<=13	Pass
64QAM	1851.5	15	0	6.57	<=13	Pass
	1882.5	15	0	6.55	<=13	Pass
	1913.5	15	0	6.48	<=13	Pass



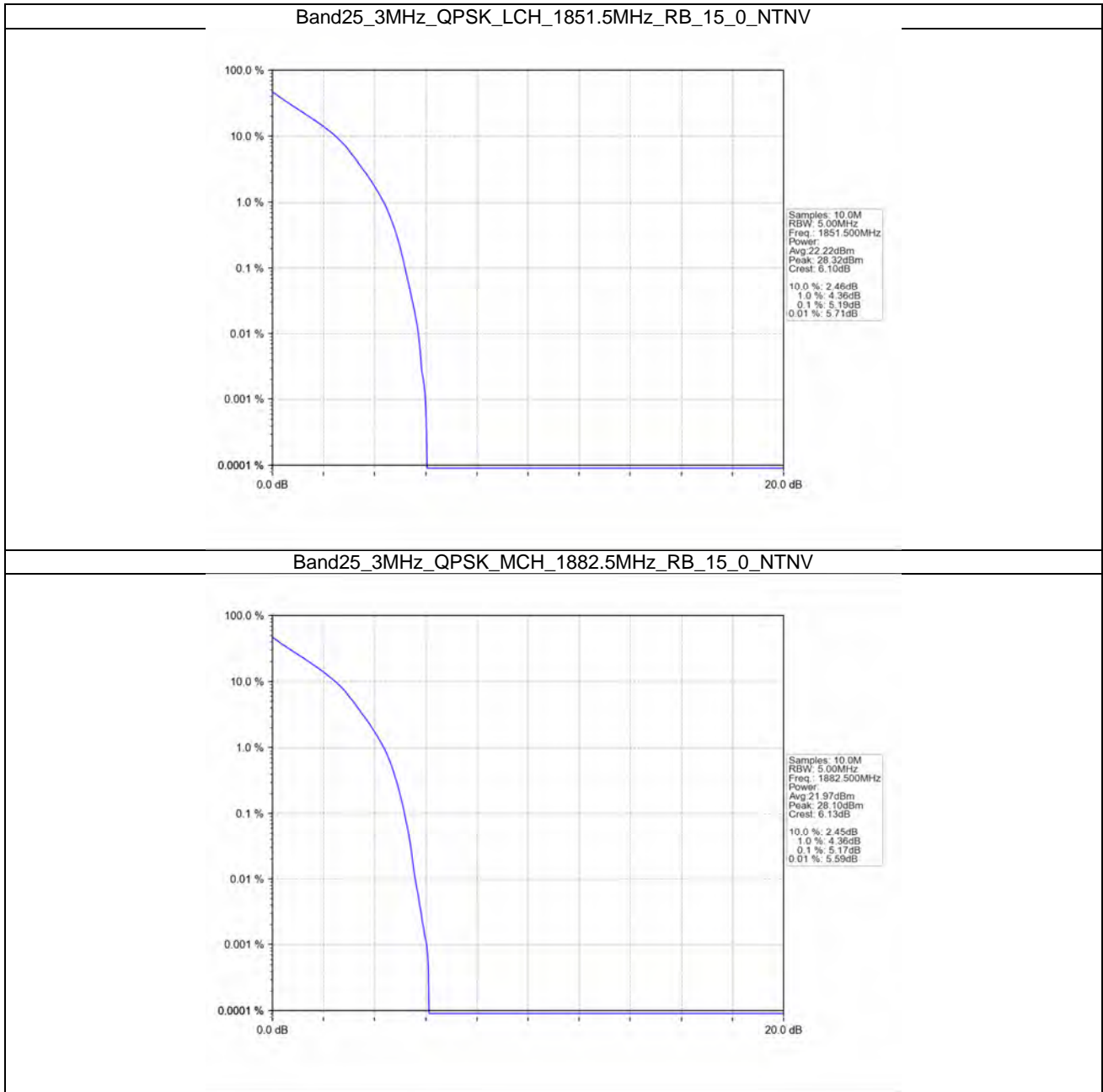
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5.2.2 Test Graph

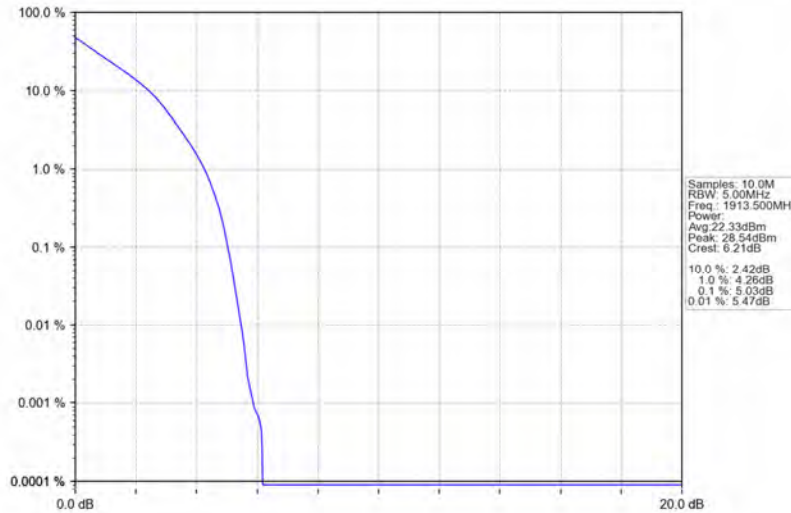


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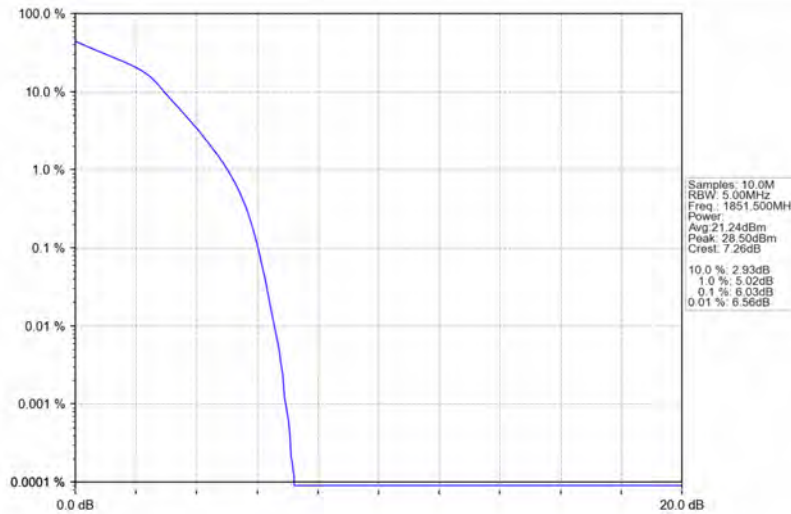
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

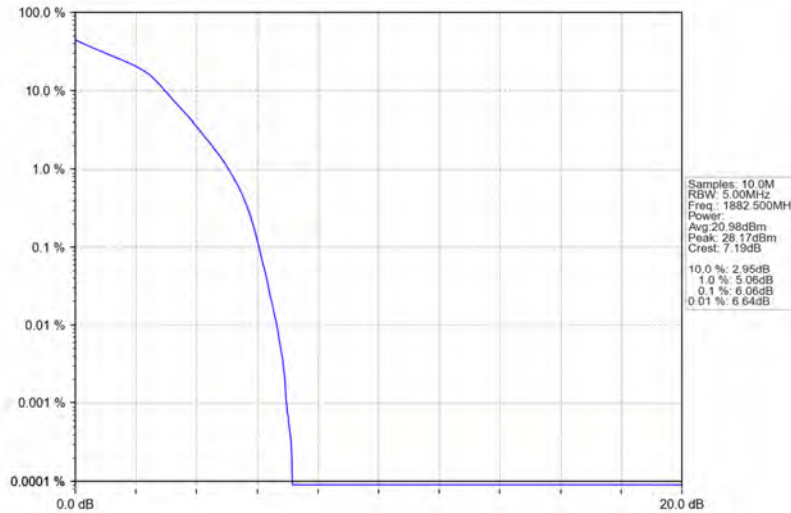


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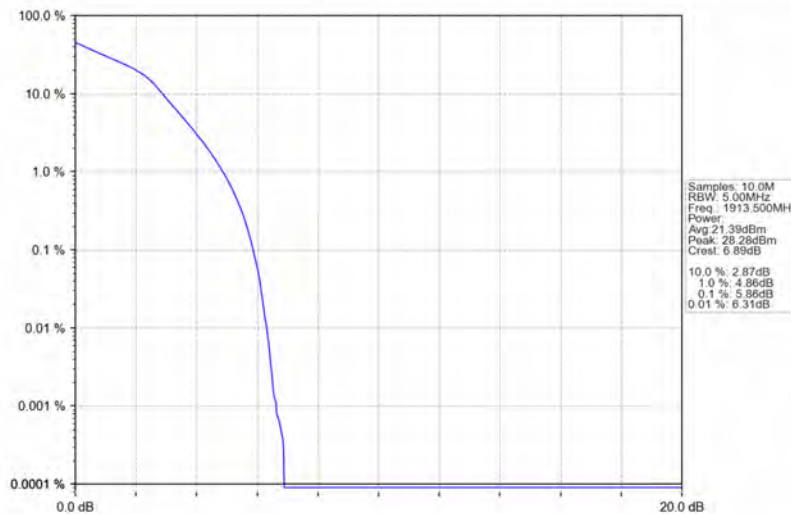
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Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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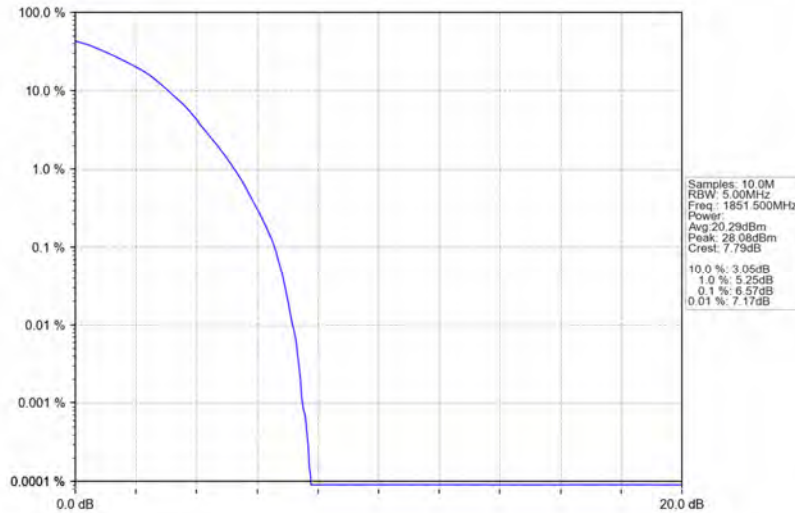
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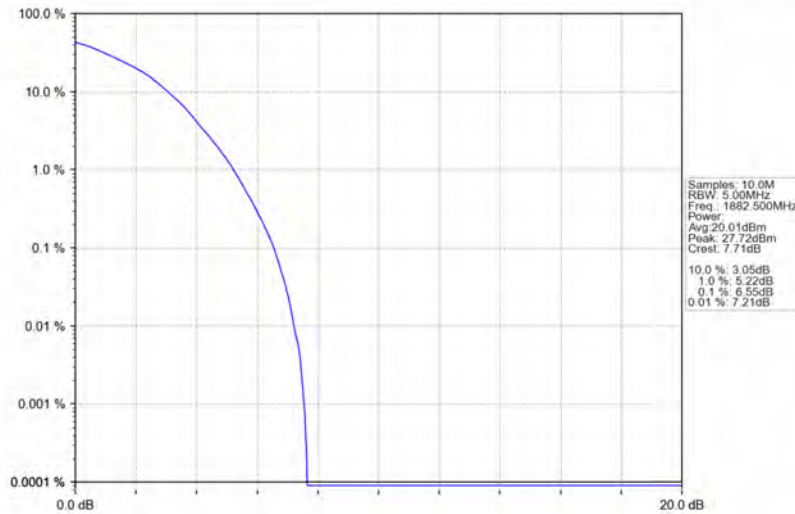


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Band25_3MHz_64QAM_MCH_1882.5MHz_RB_15_0_NTNV



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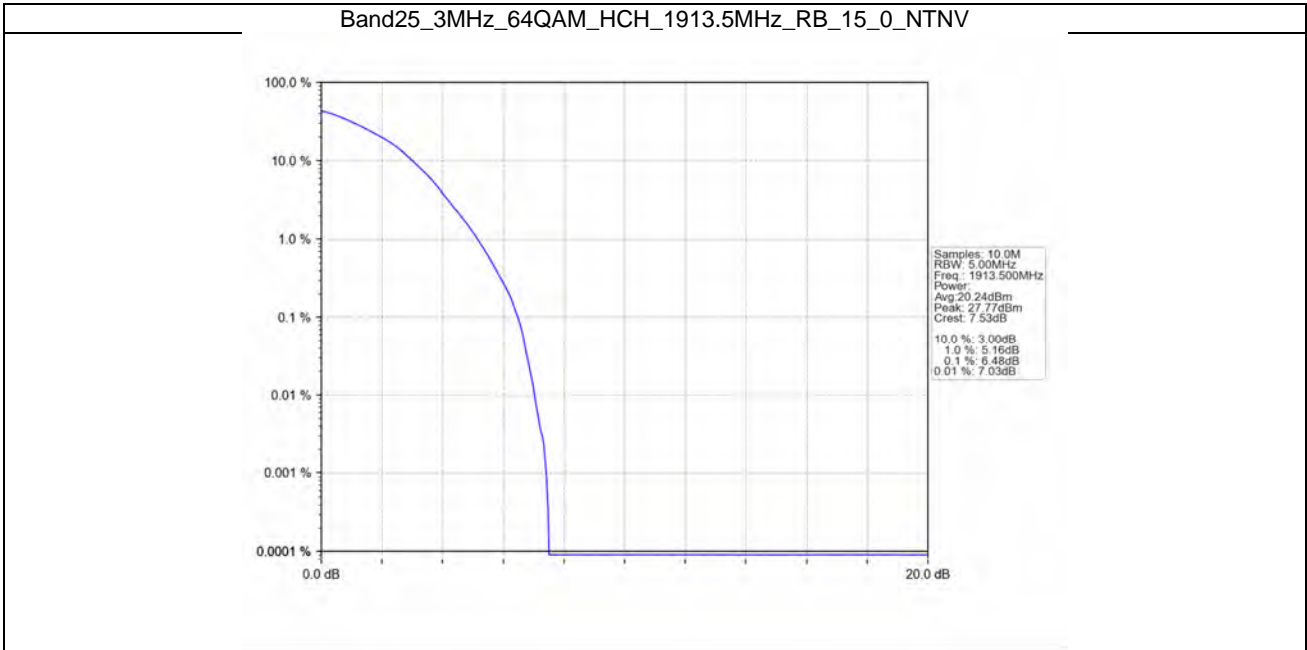
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5.3 B25_5MHz

5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.18	<=13	Pass
	1882.5	25	0	5.20	<=13	Pass
	1912.5	25	0	5.04	<=13	Pass
16QAM	1852.5	25	0	6.00	<=13	Pass
	1882.5	25	0	6.01	<=13	Pass
	1912.5	25	0	5.87	<=13	Pass
64QAM	1852.5	25	0	6.50	<=13	Pass
	1882.5	25	0	6.51	<=13	Pass
	1912.5	25	0	6.40	<=13	Pass



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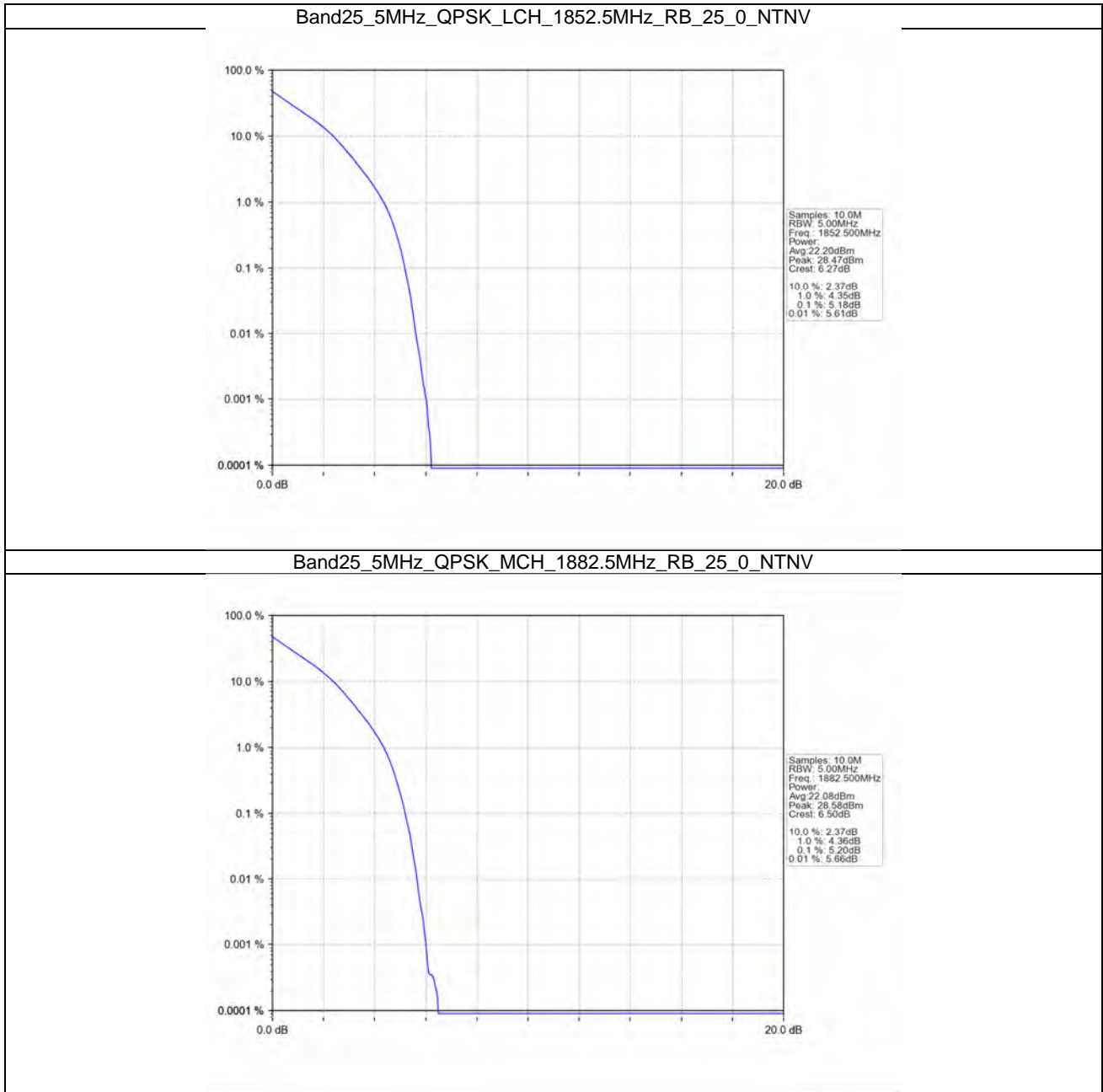
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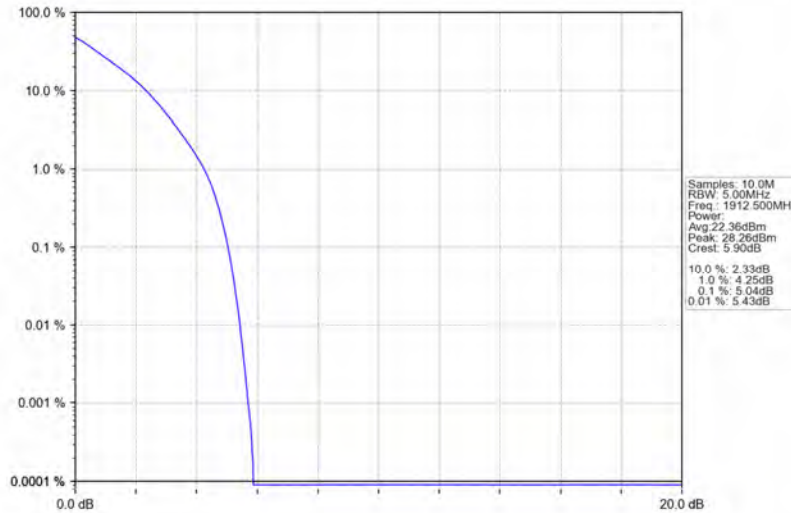
5.3.2 Test Graph



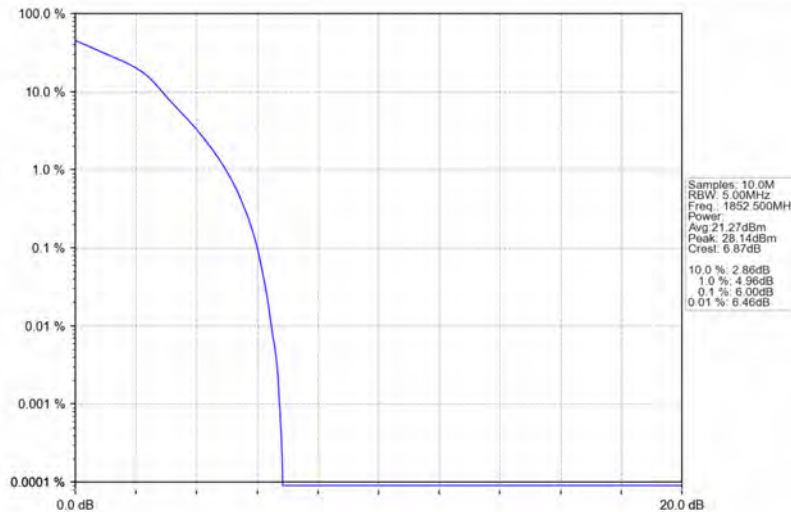
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



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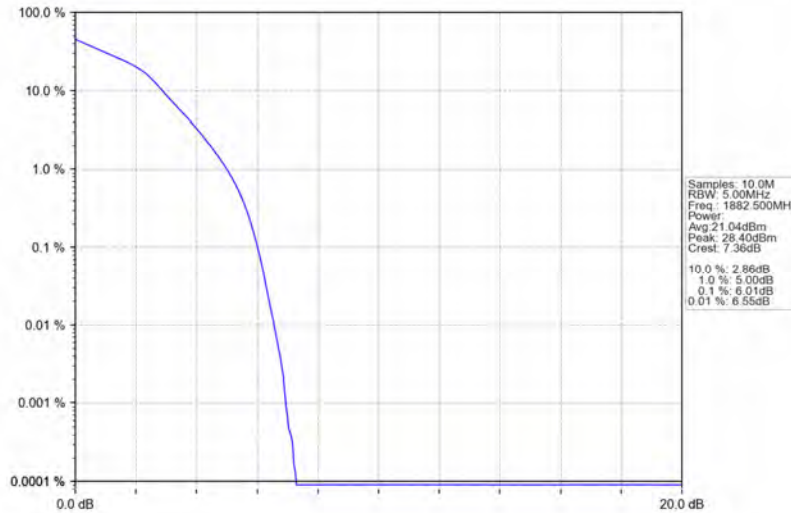
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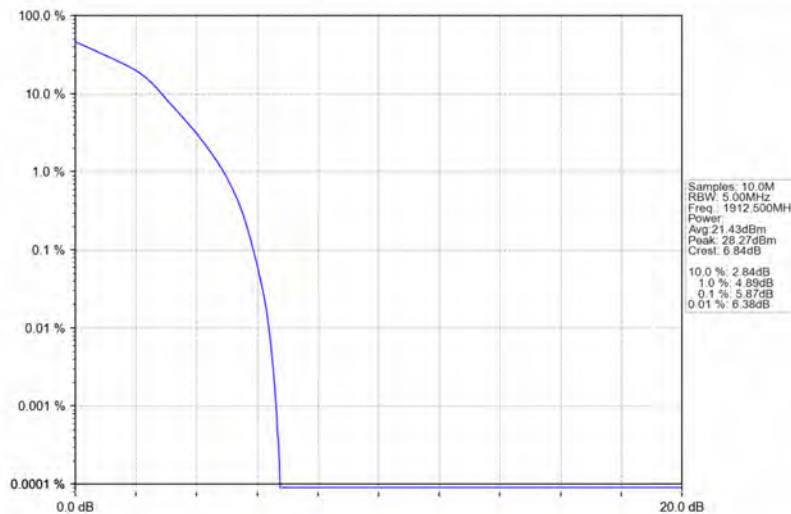


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Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



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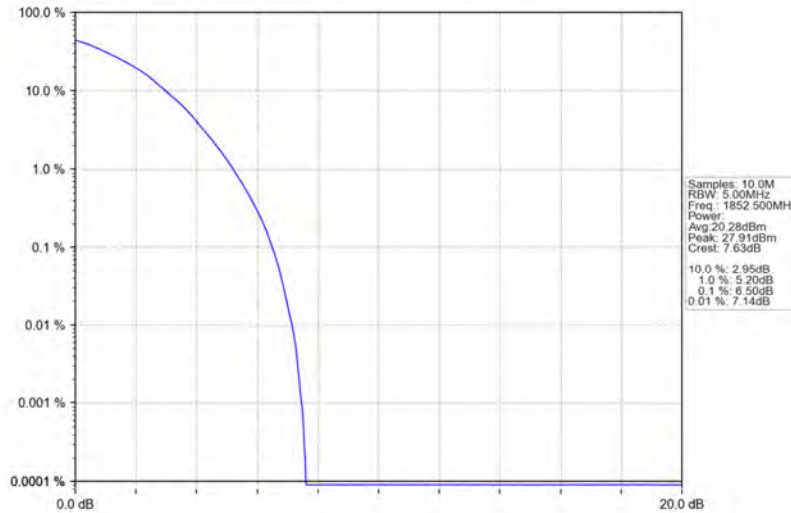
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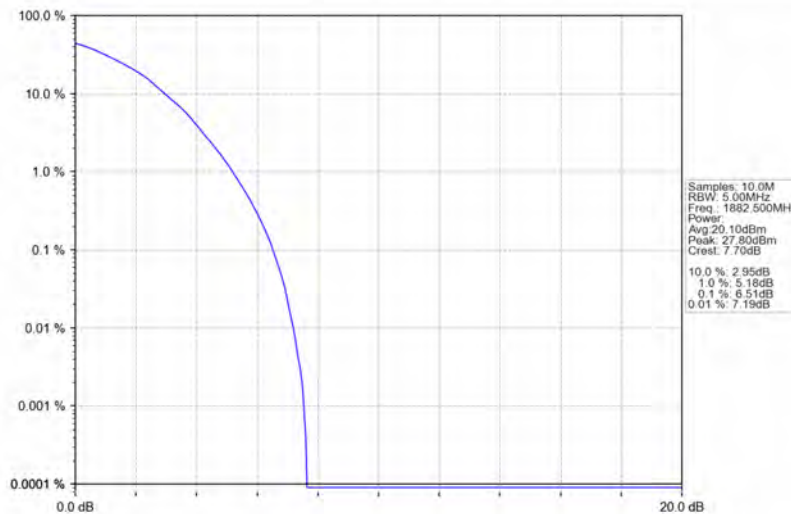
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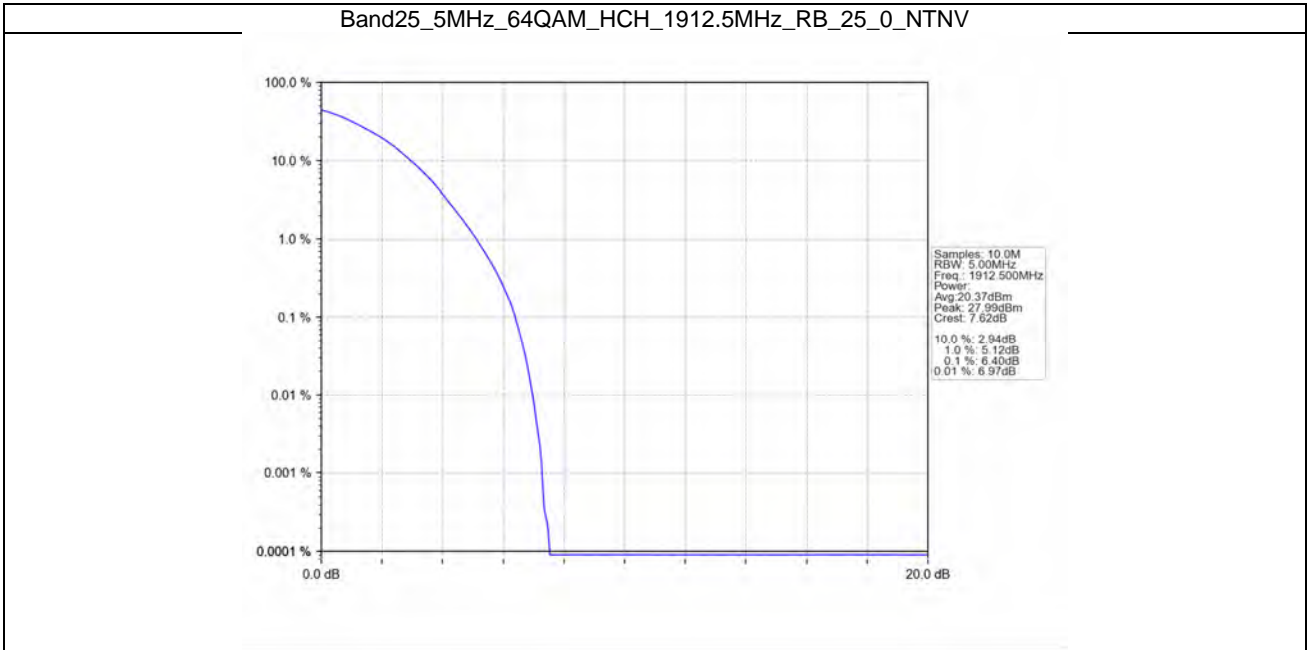
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5.4 B25_10MHz

5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	6.09	<=13	Pass
	1882.5	50	0	6.07	<=13	Pass
	1910	50	0	6.14	<=13	Pass
16QAM	1855	50	0	6.82	<=13	Pass
	1882.5	50	0	6.75	<=13	Pass
	1910	50	0	6.78	<=13	Pass
64QAM	1855	50	0	7.08	<=13	Pass
	1882.5	50	0	7.07	<=13	Pass
	1910	50	0	6.94	<=13	Pass



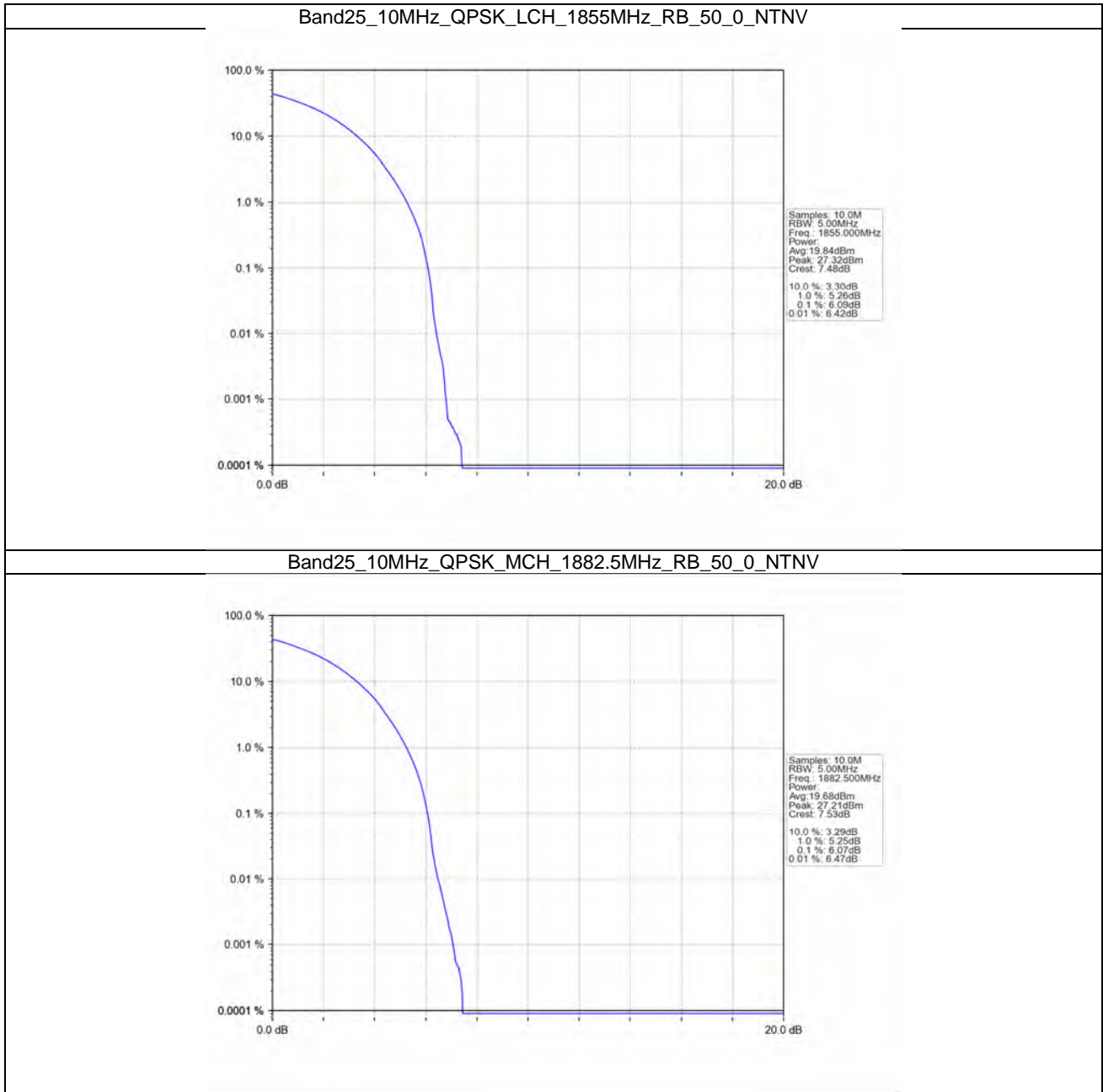
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5.4.2 Test Graph

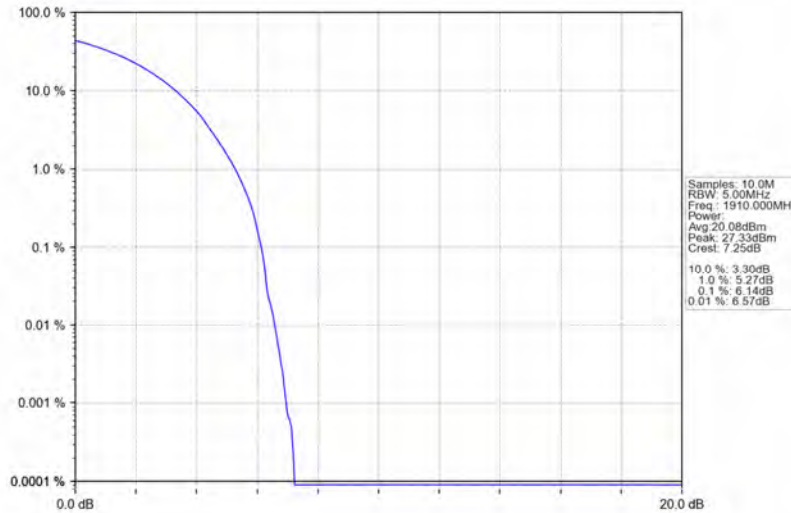


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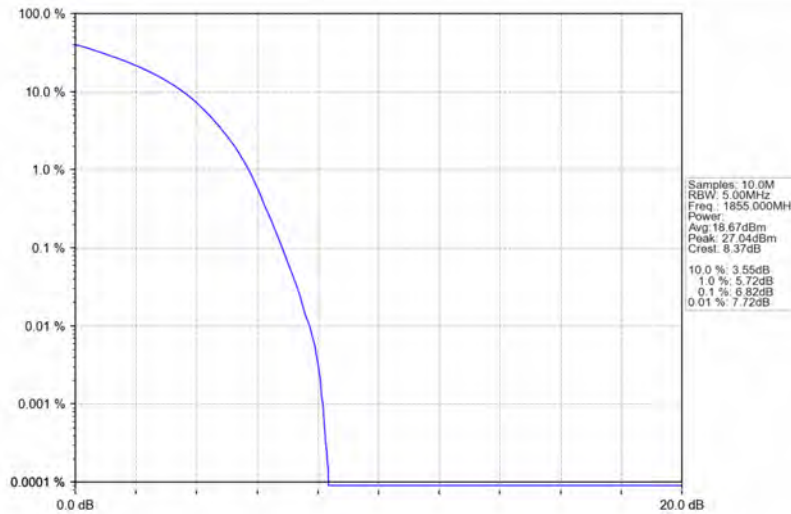
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Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



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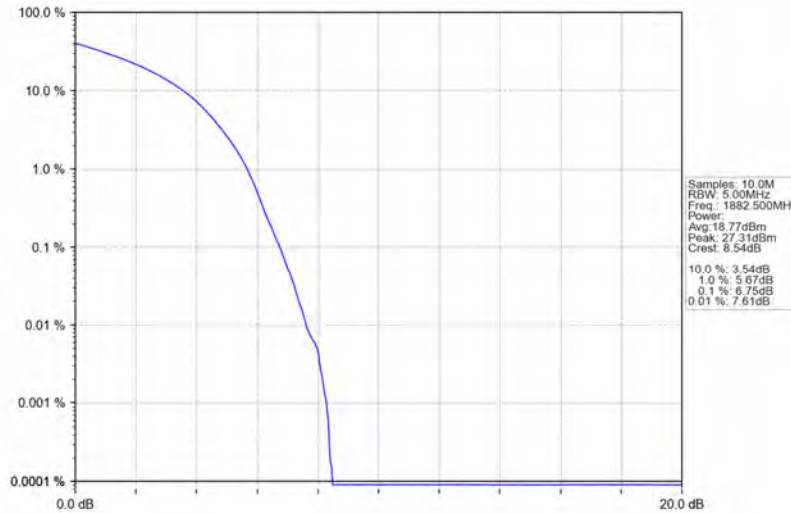
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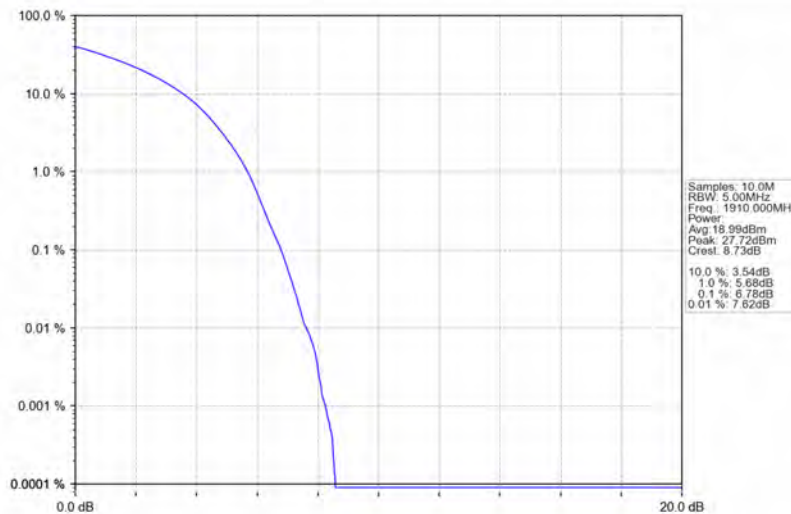
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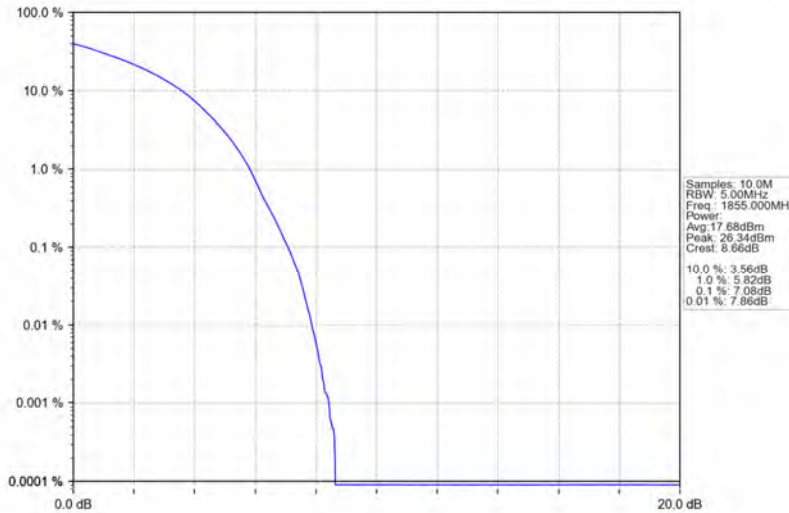
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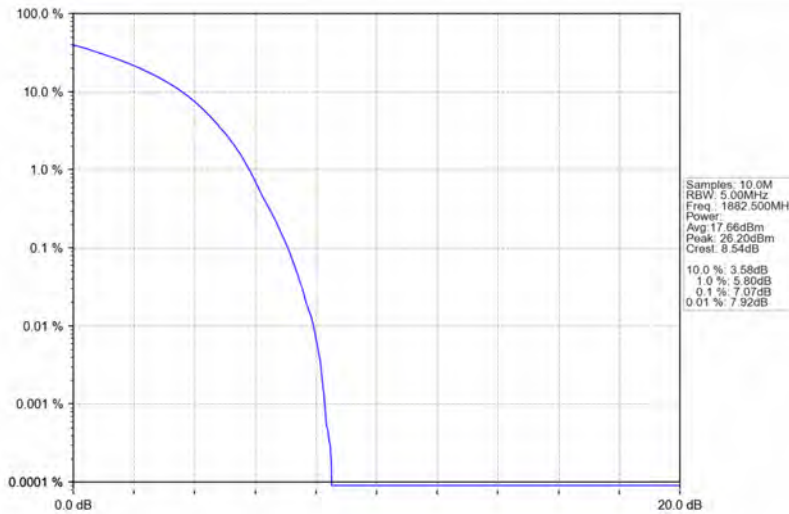
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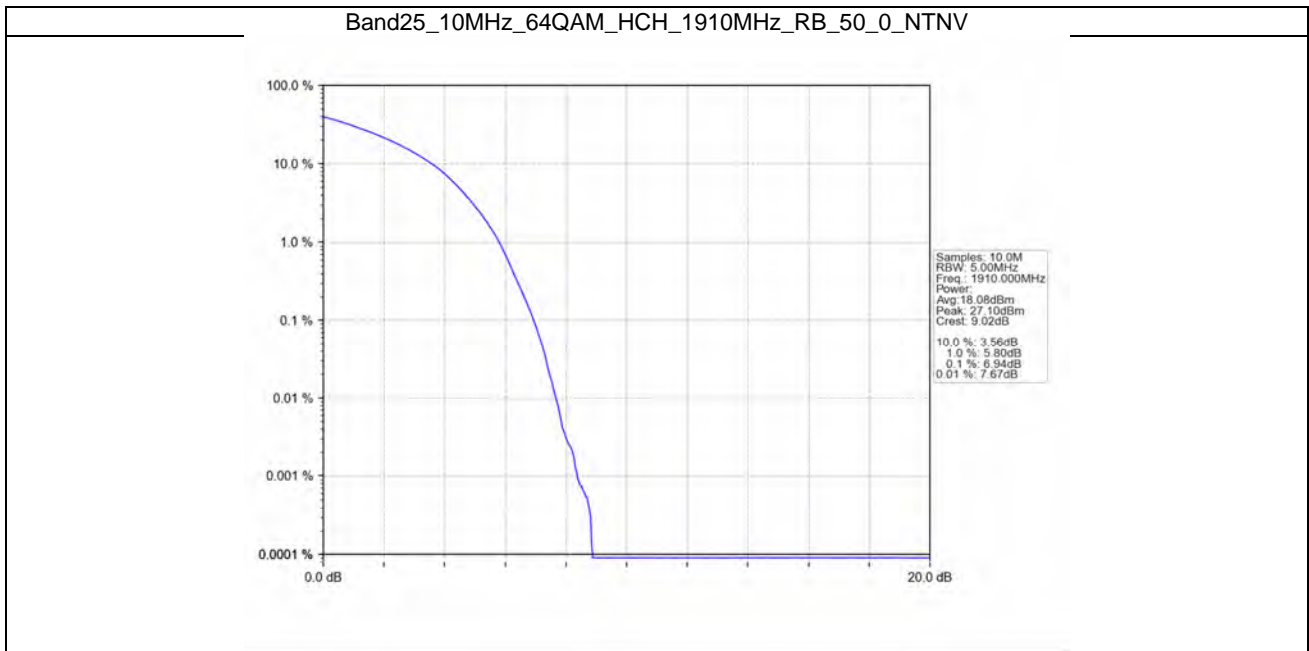
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5.5 B25_15MHz

5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	6.77	<=13	Pass
	1882.5	75	0	6.71	<=13	Pass
	1907.5	75	0	6.72	<=13	Pass
16QAM	1857.5	75	0	7.30	<=13	Pass
	1882.5	75	0	7.30	<=13	Pass
	1907.5	75	0	7.29	<=13	Pass
64QAM	1857.5	75	0	7.48	<=13	Pass
	1882.5	75	0	7.42	<=13	Pass
	1907.5	75	0	7.34	<=13	Pass



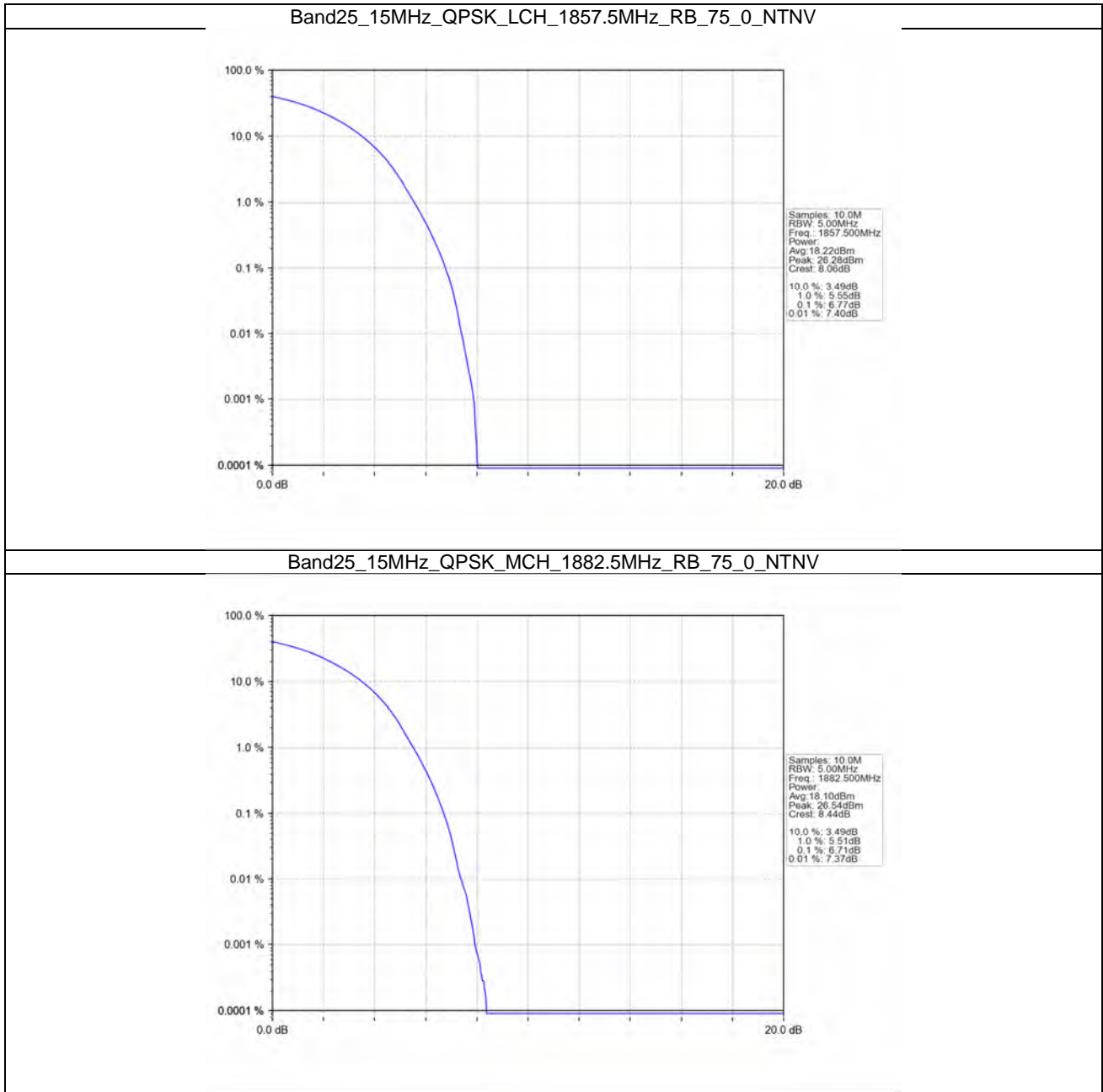
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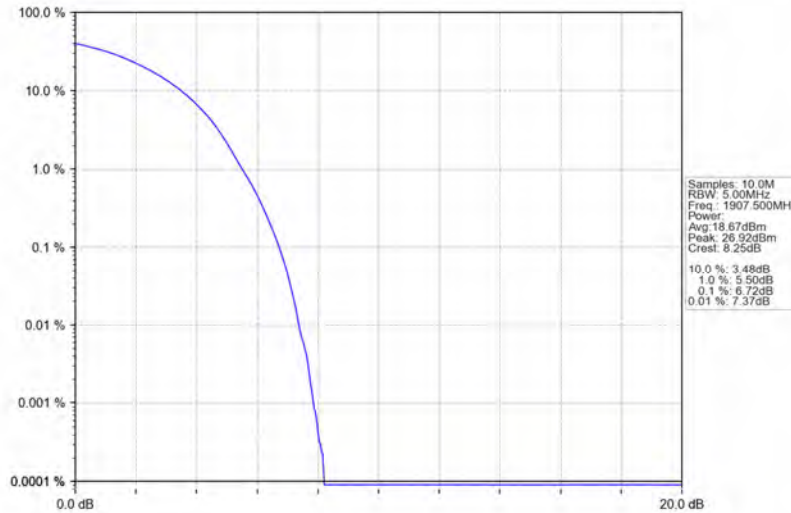
5.5.2 Test Graph



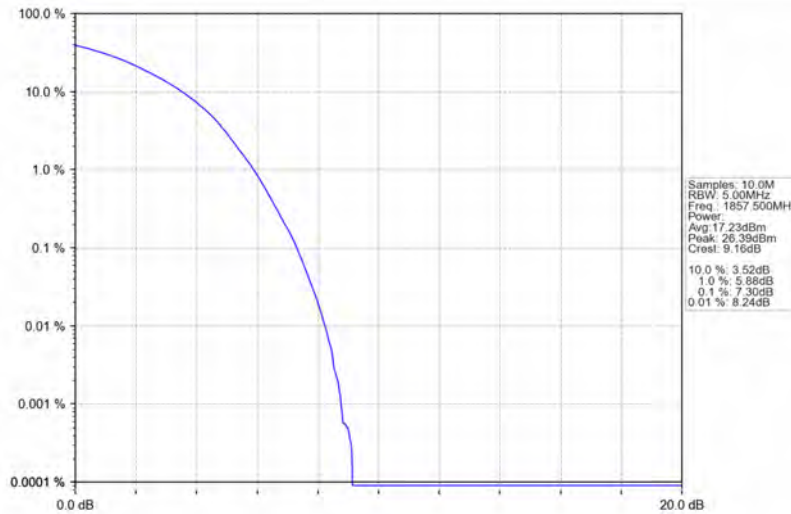
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



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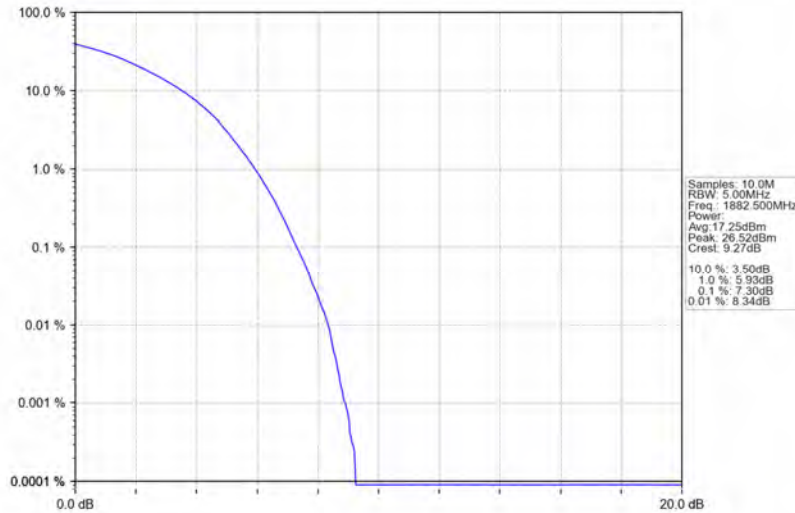
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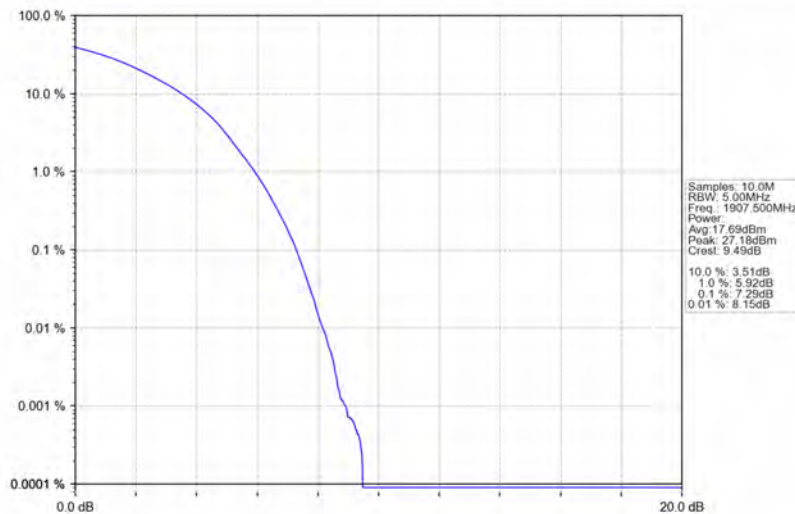
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Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



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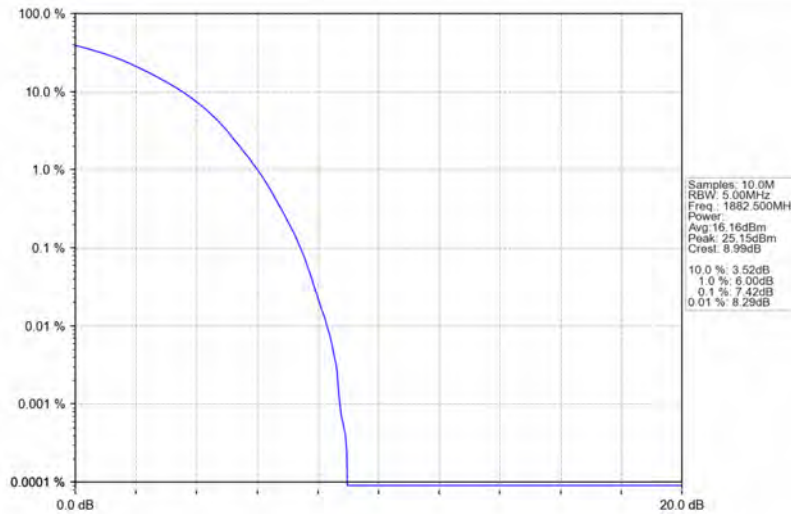
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Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_64QAM_MCH_1882.5MHz_RB_75_0_NTNV



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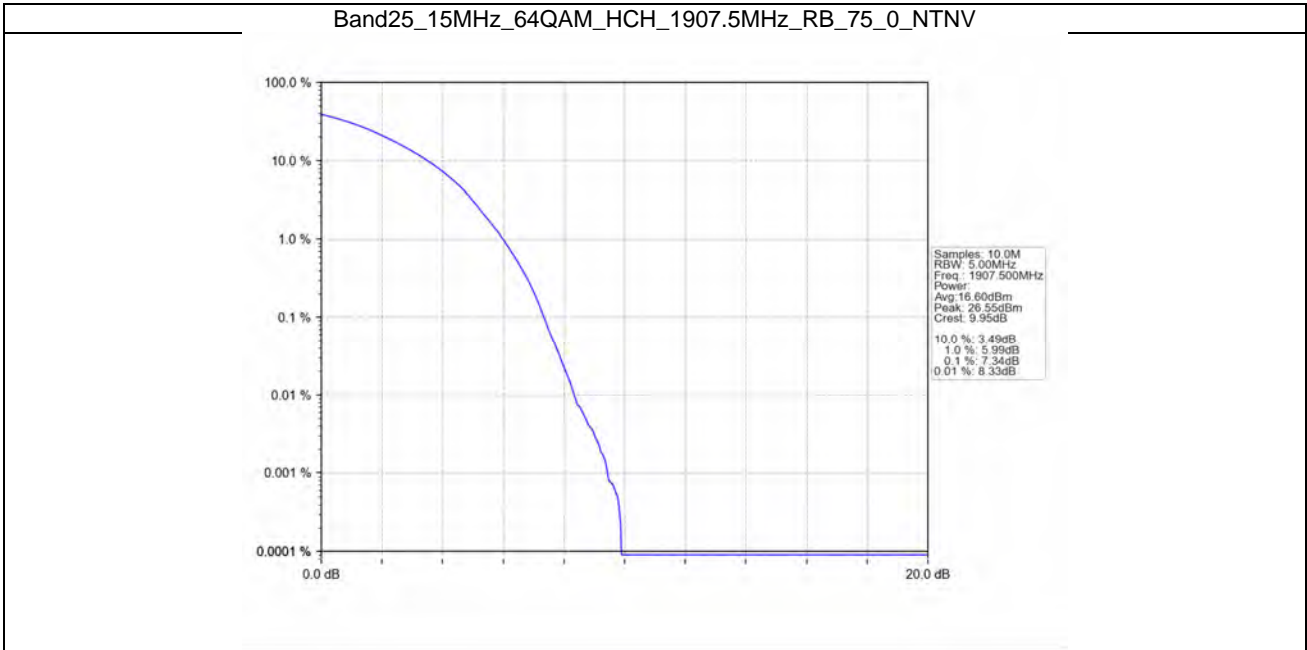
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5.6 B25_20MHz

5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	7.17	<=13	Pass
	1882.5	100	0	7.19	<=13	Pass
	1905	100	0	7.07	<=13	Pass
16QAM	1860	100	0	7.58	<=13	Pass
	1882.5	100	0	7.54	<=13	Pass
	1905	100	0	7.49	<=13	Pass
64QAM	1860	100	0	7.66	<=13	Pass
	1882.5	100	0	7.62	<=13	Pass
	1905	100	0	7.56	<=13	Pass



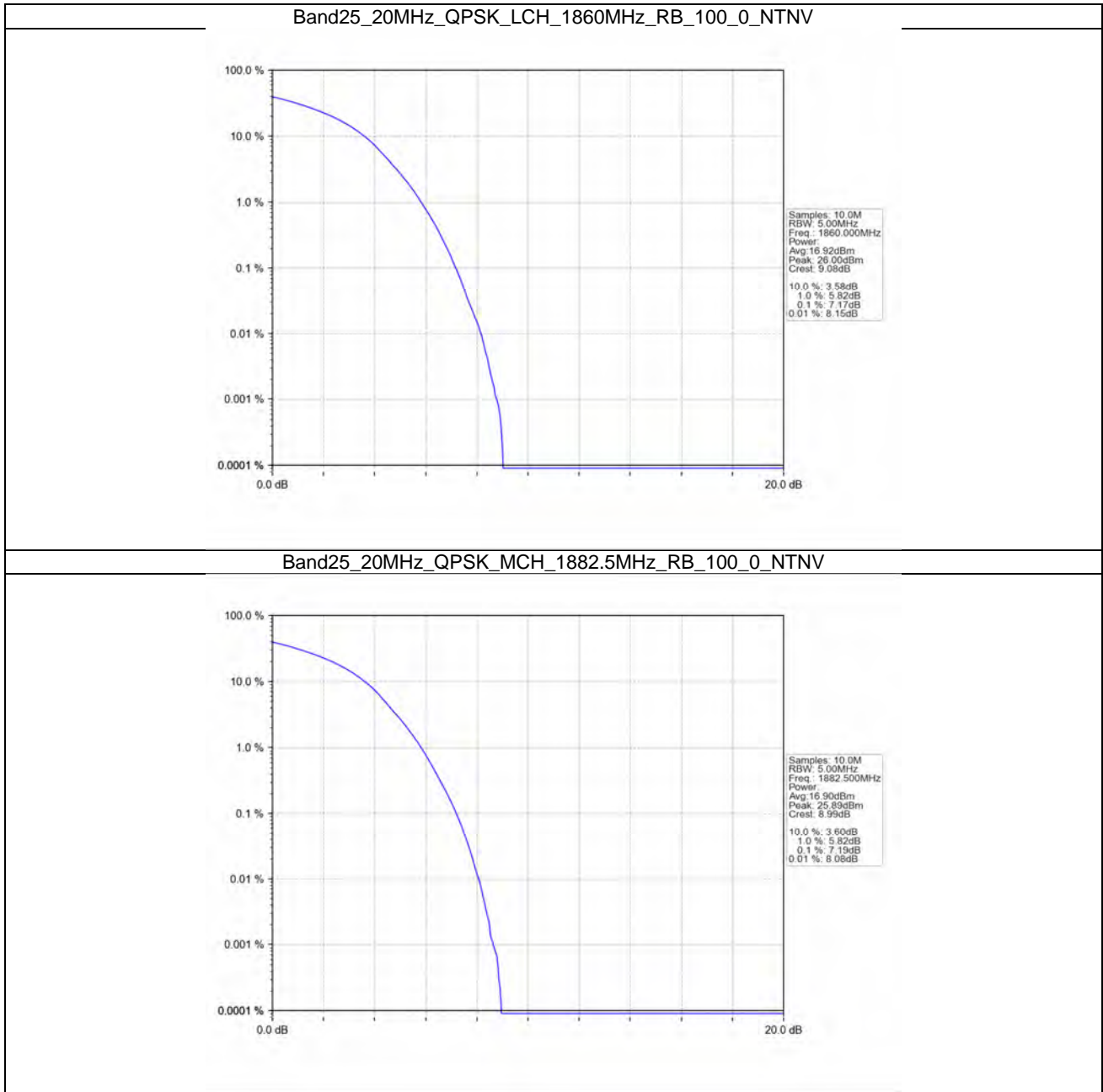
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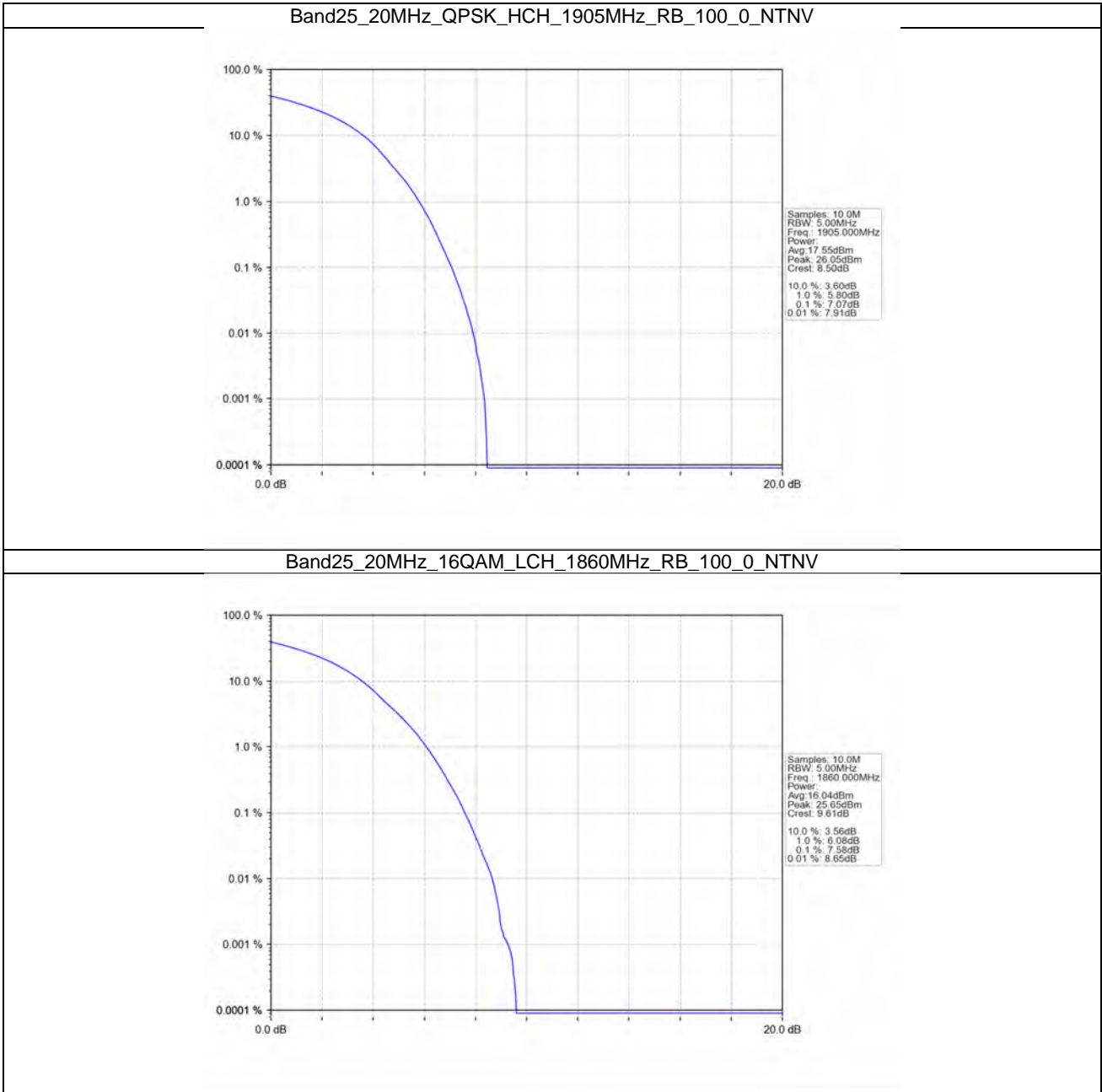
5.6.2 Test Graph



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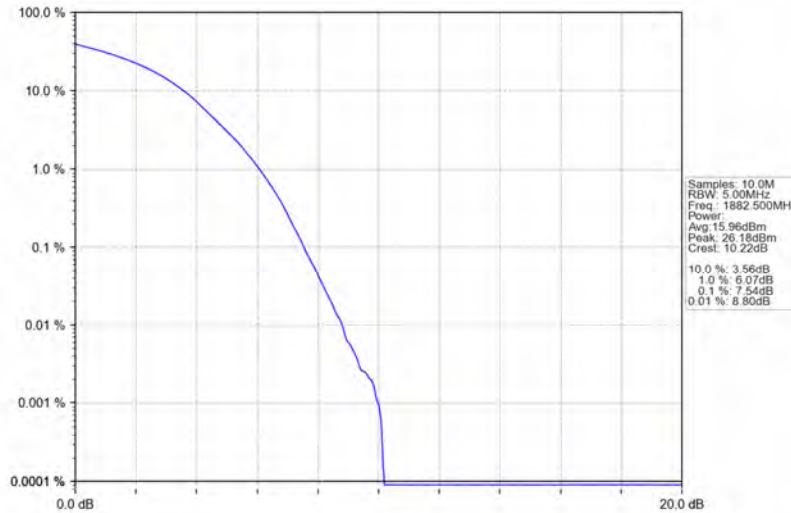
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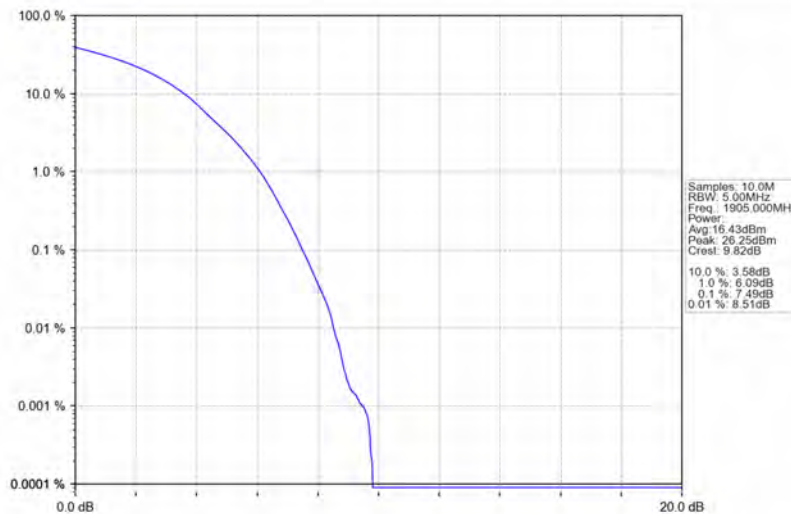
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Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



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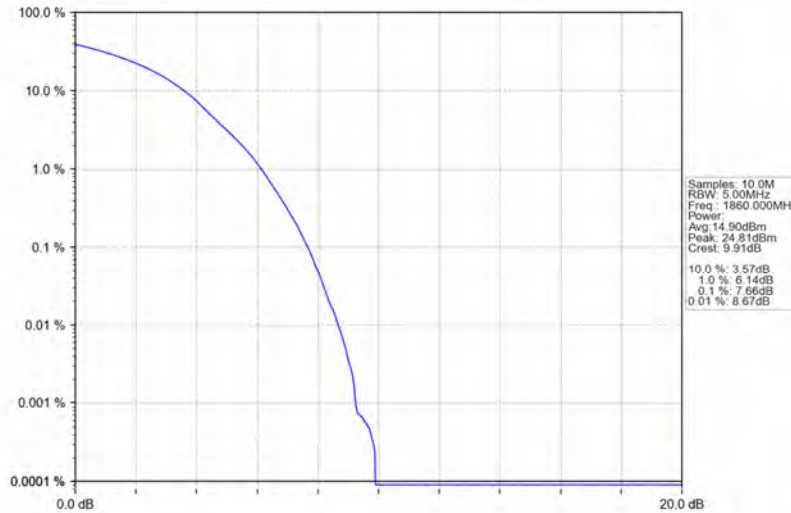
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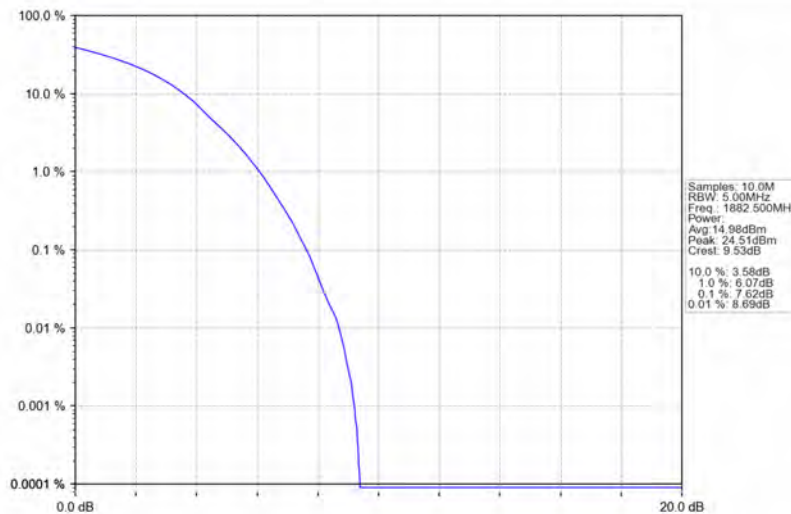
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Band25_20MHz_64QAM_MCH_1882.5MHz_RB_100_0_NTNV

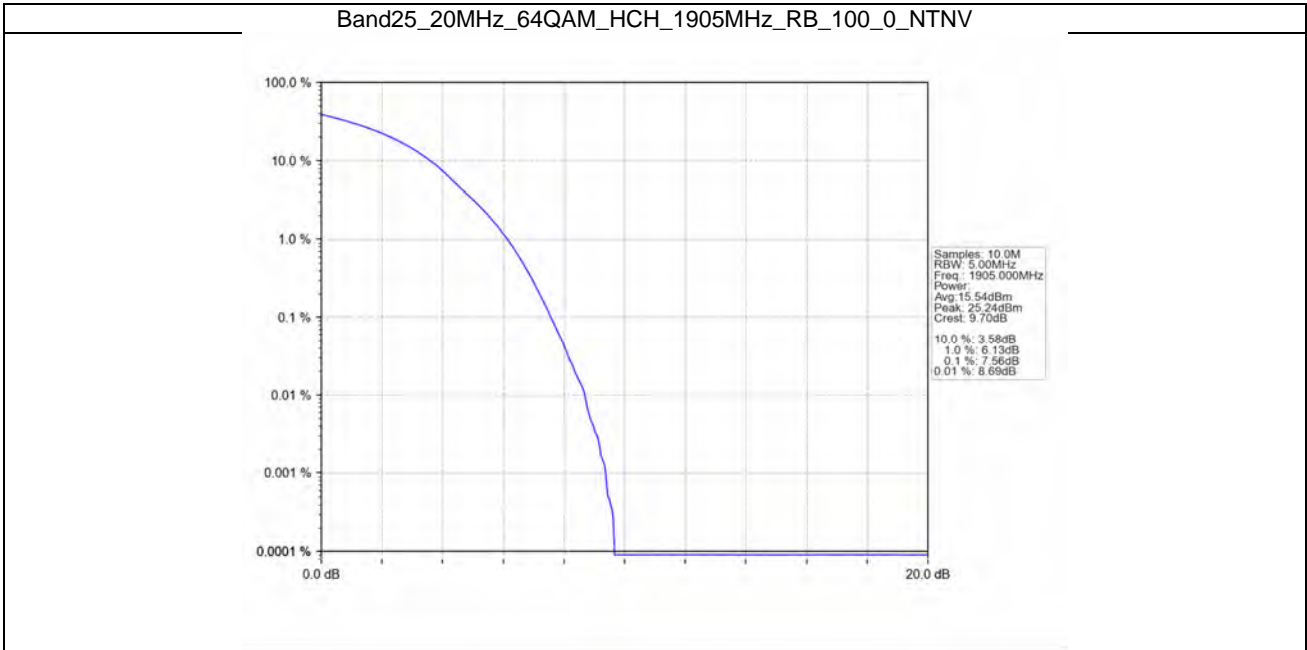


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6. Spurious Emission

6.1 B25_1.4MHz

6.1.1 Test Result

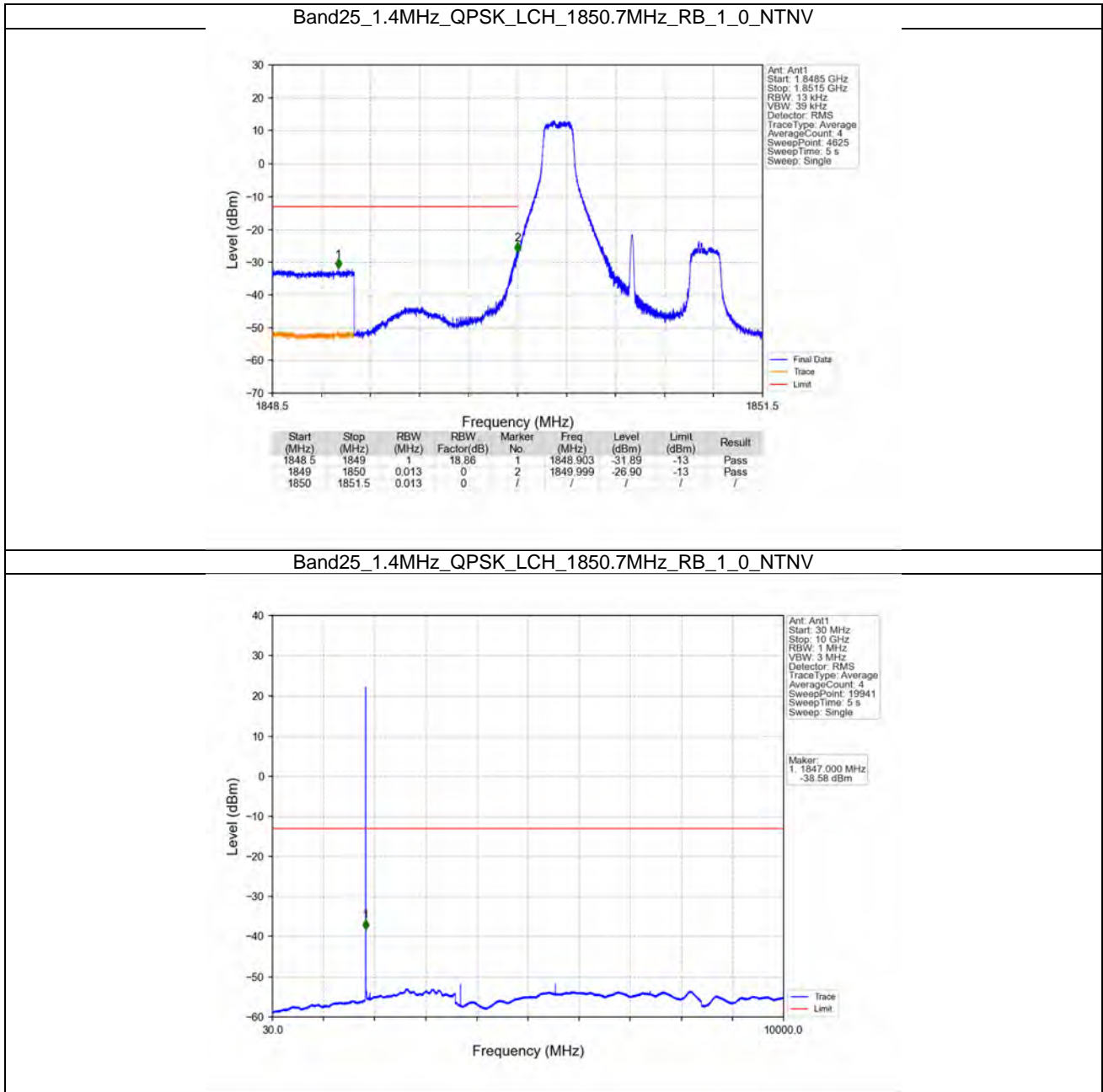
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass



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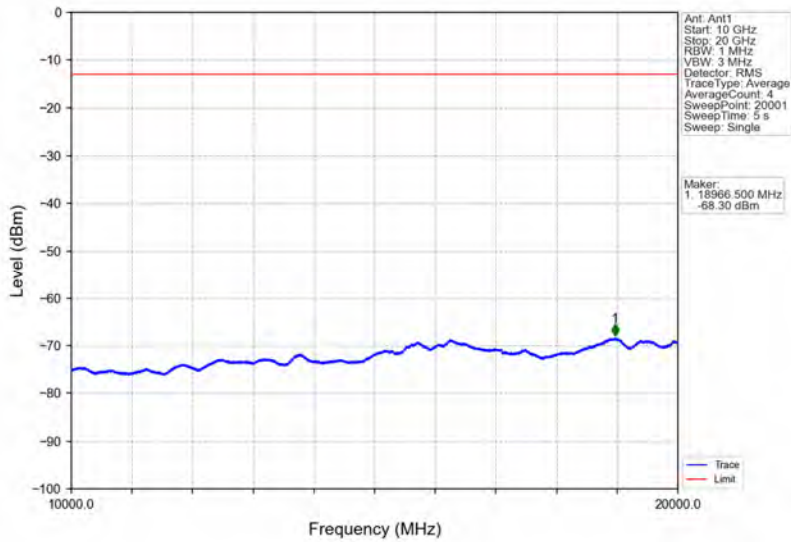
6.1.2 Test Graph



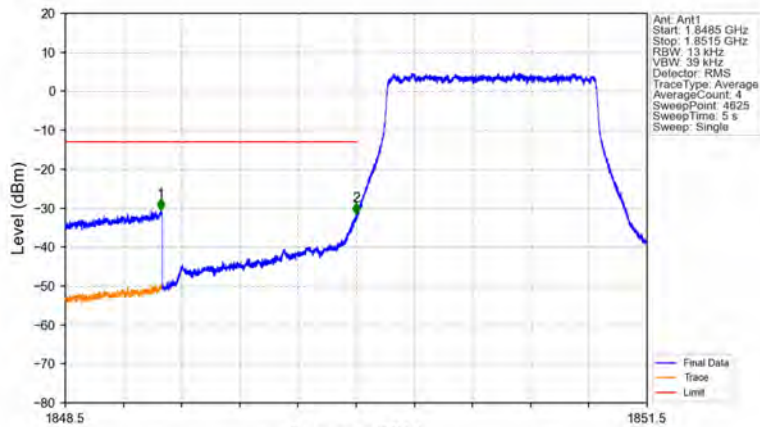
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Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	18.86	1	1848.992	-30.57	-13	Pass
1849	1850	0.013	0	2	1849.999	-31.73	-13	Pass
1850	1851.5	0.013	0	/	/	/	/	/



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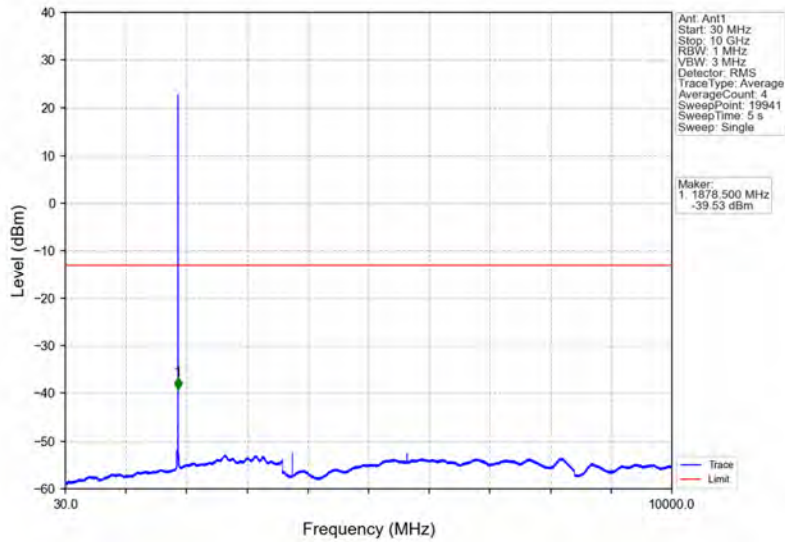
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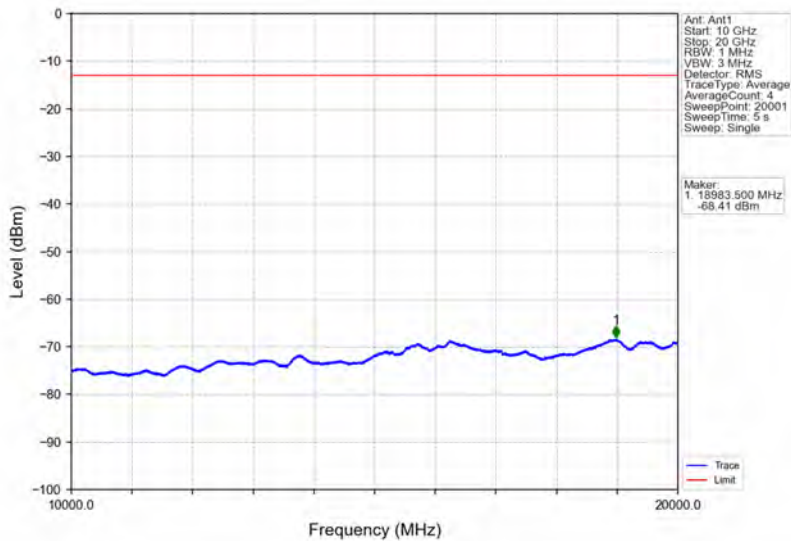
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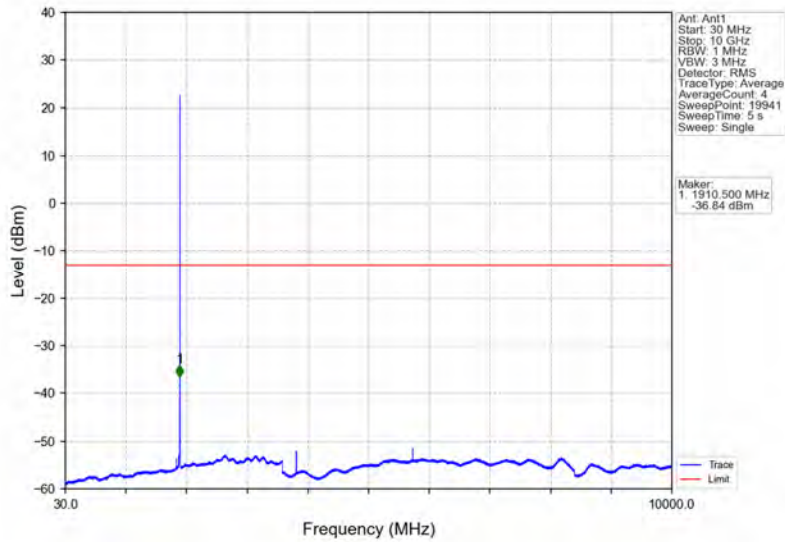
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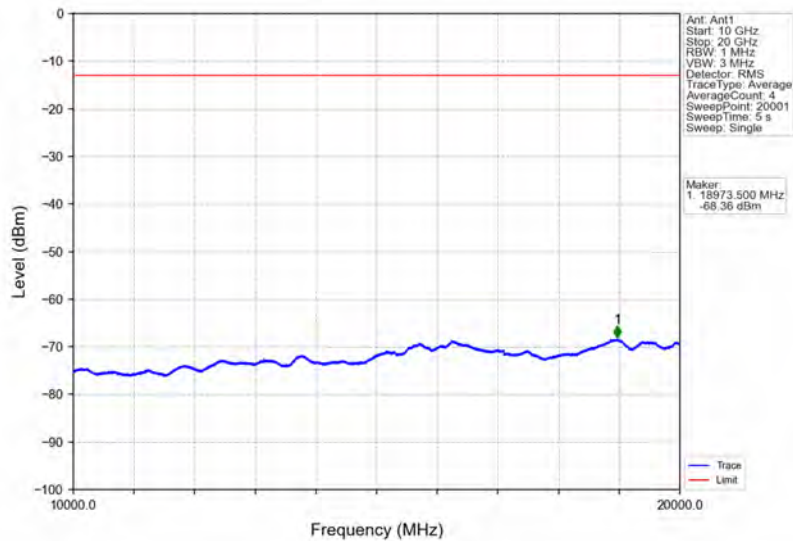
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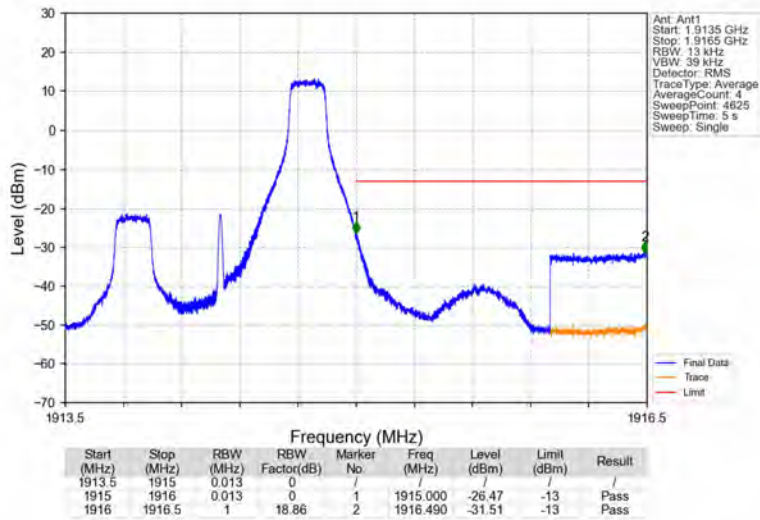
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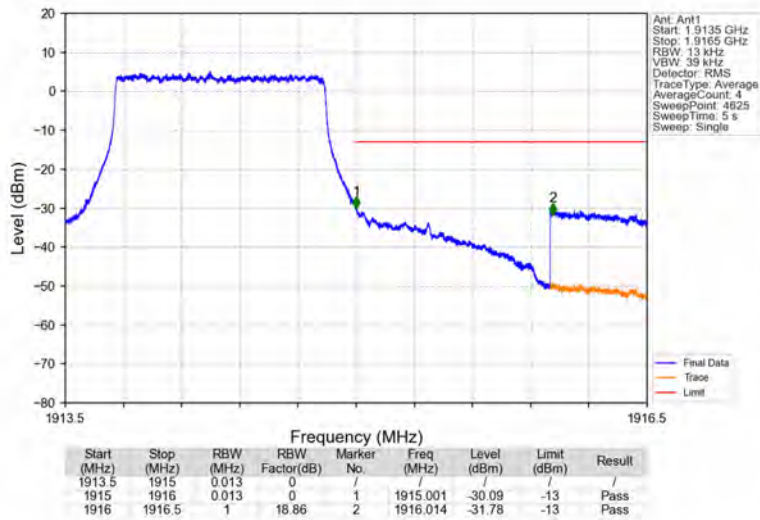


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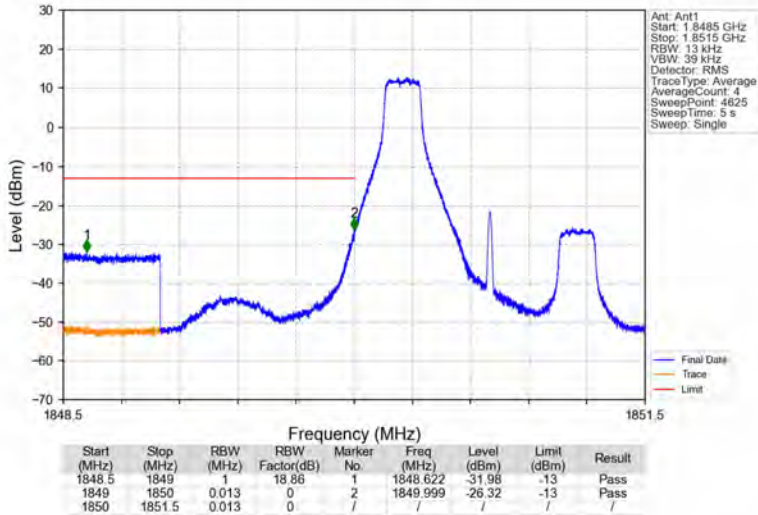
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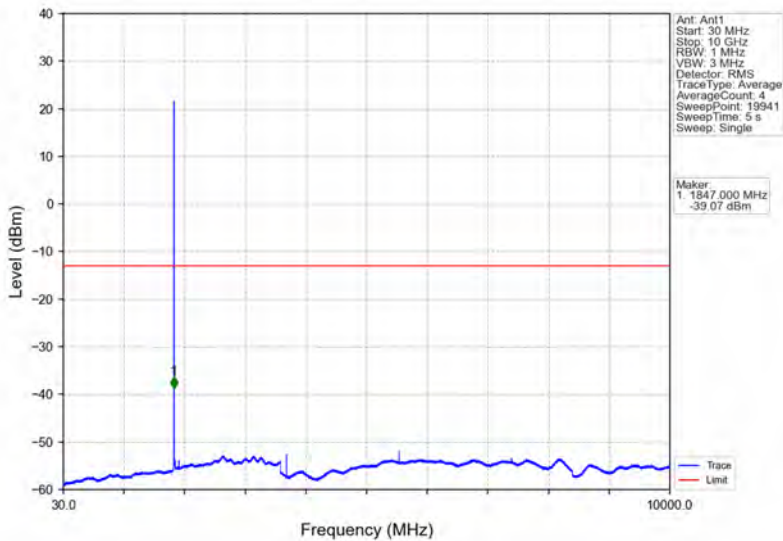
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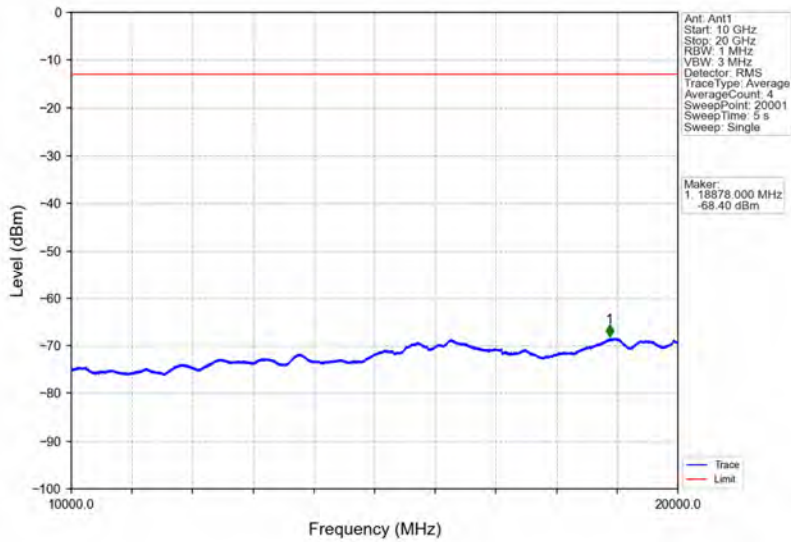


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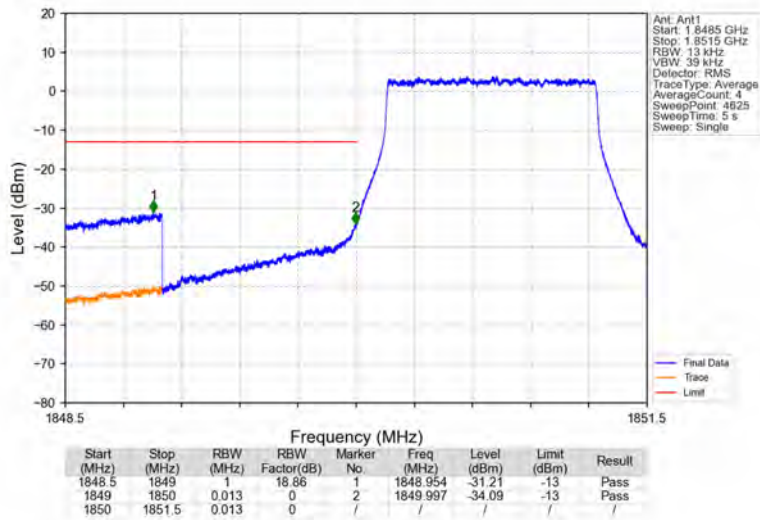
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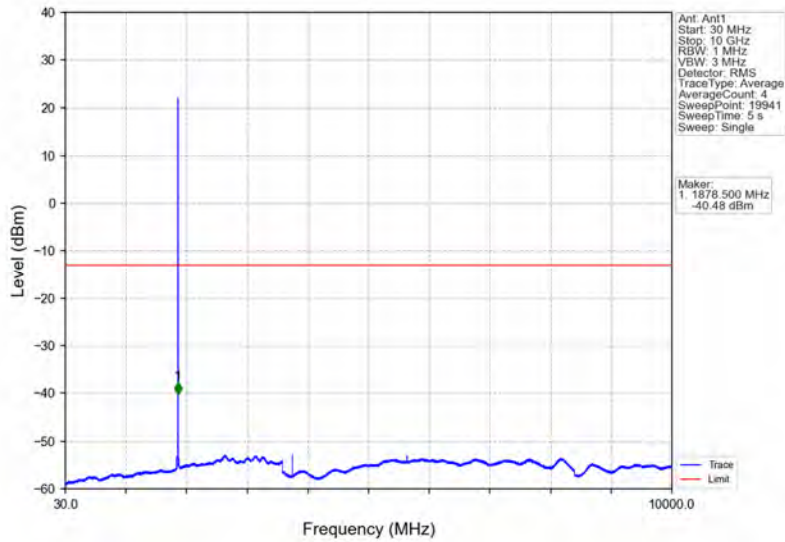
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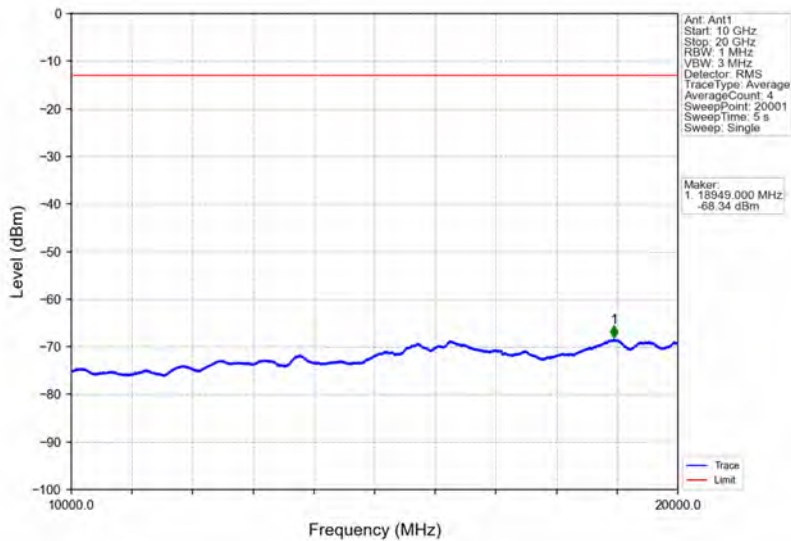


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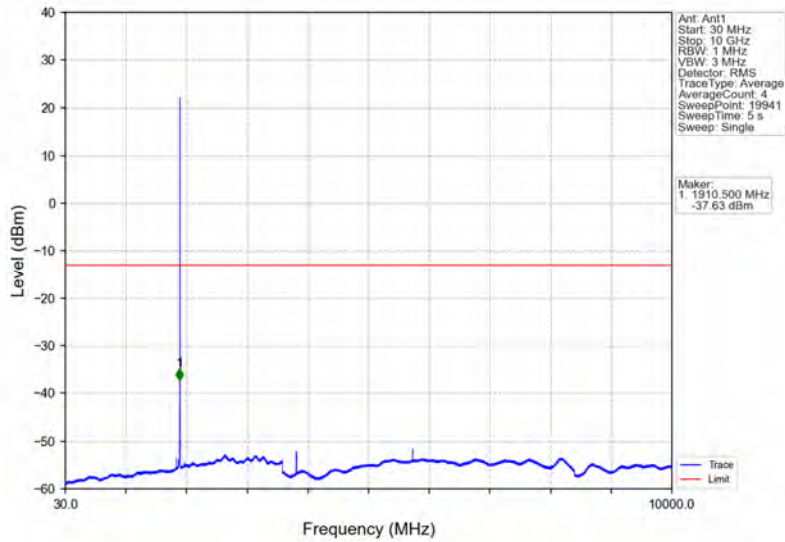
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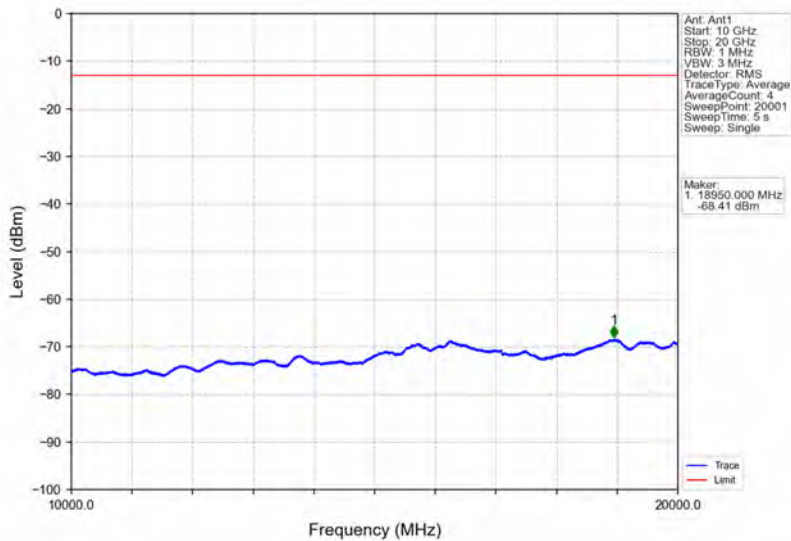
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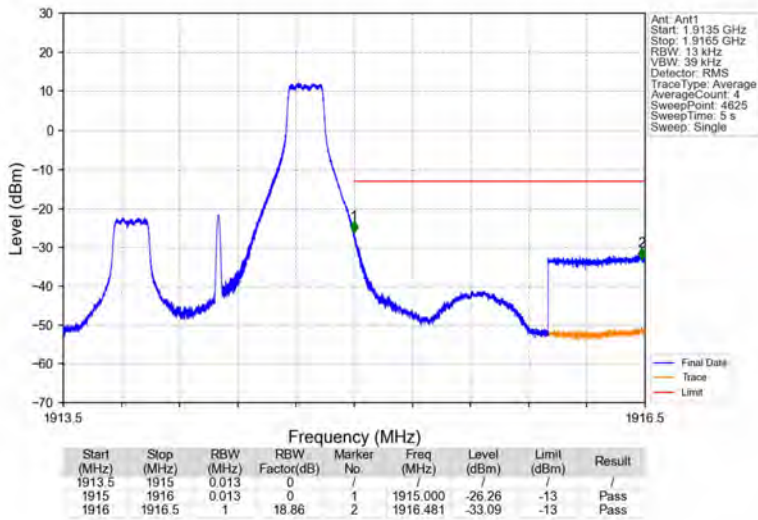
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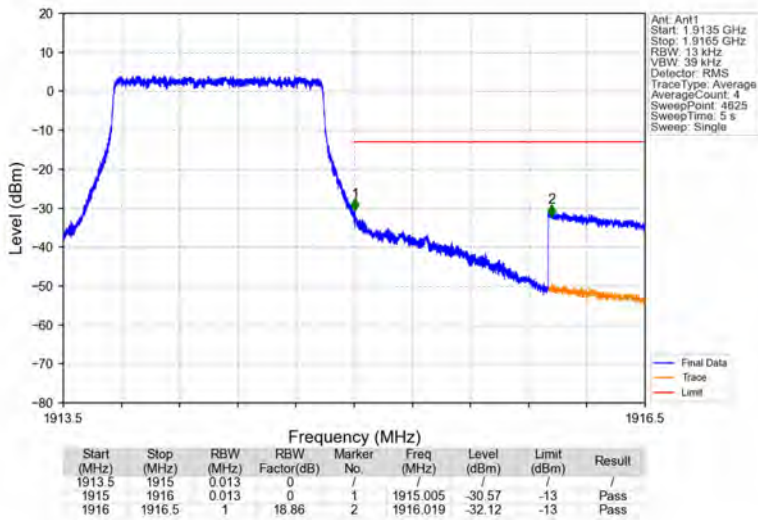


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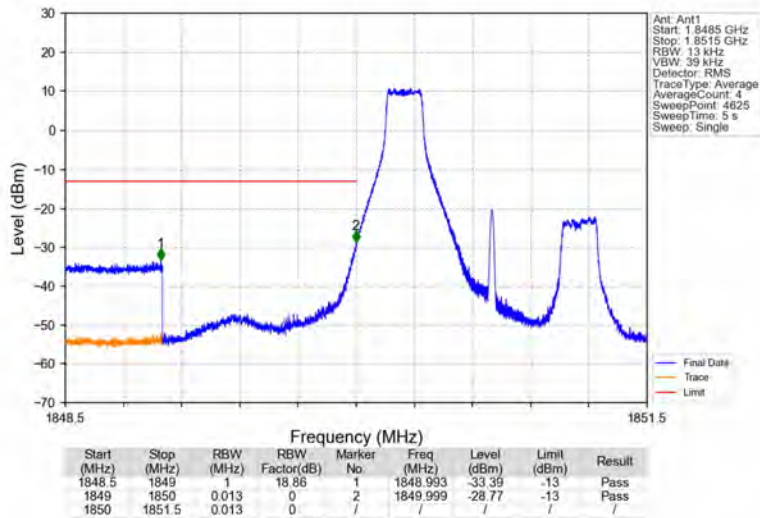
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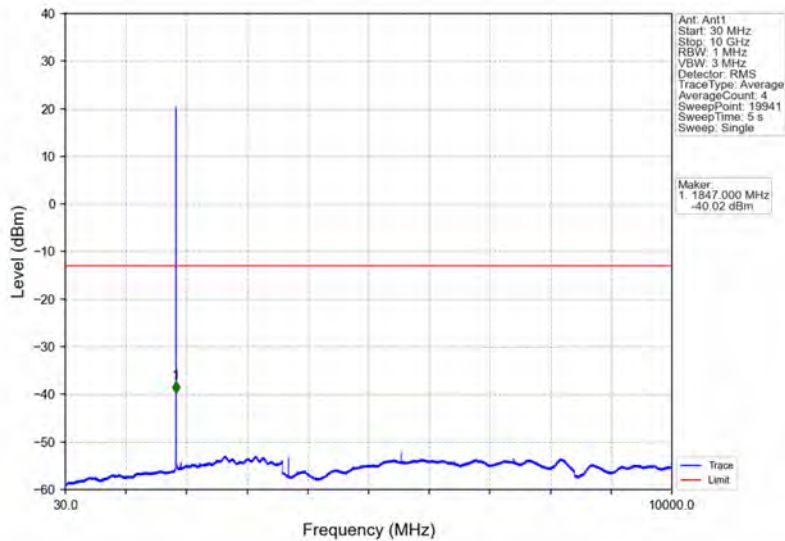
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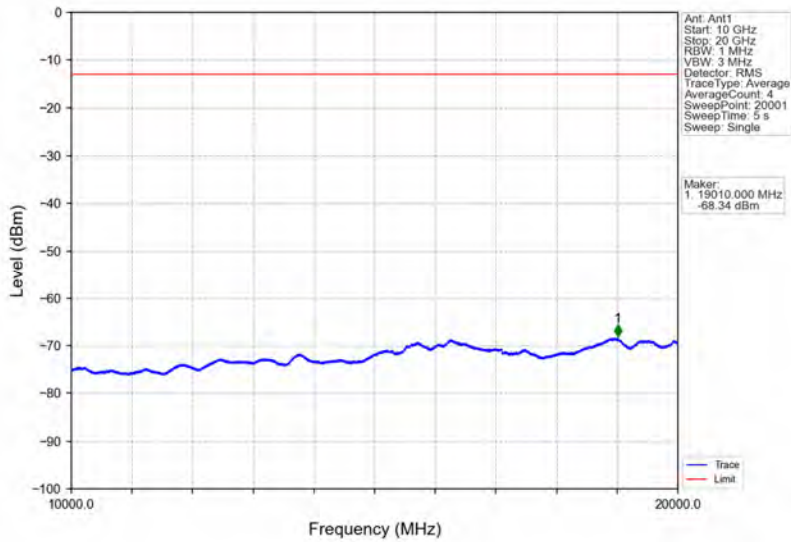
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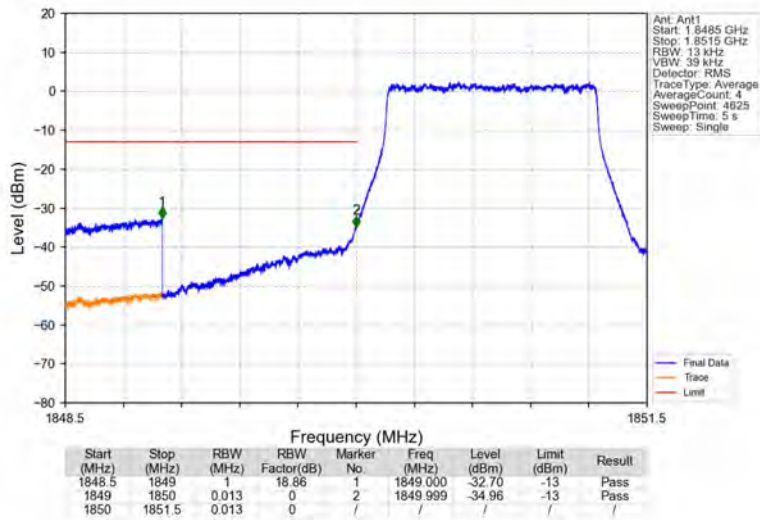
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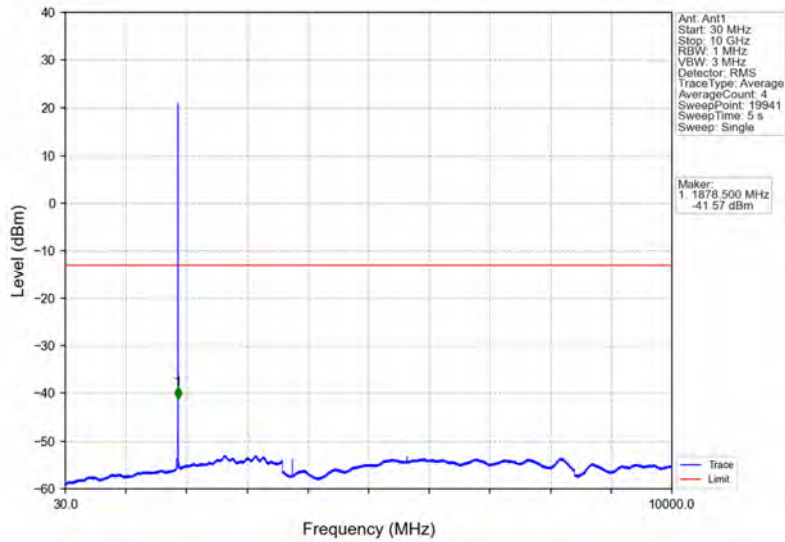
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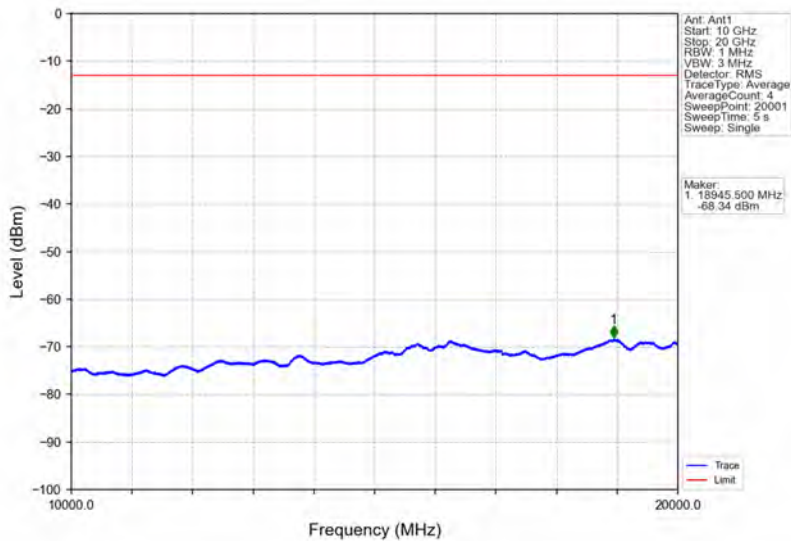
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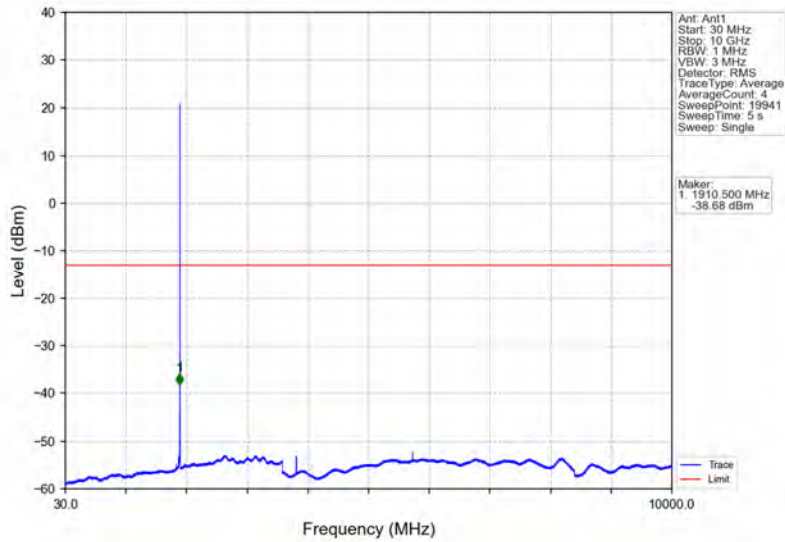
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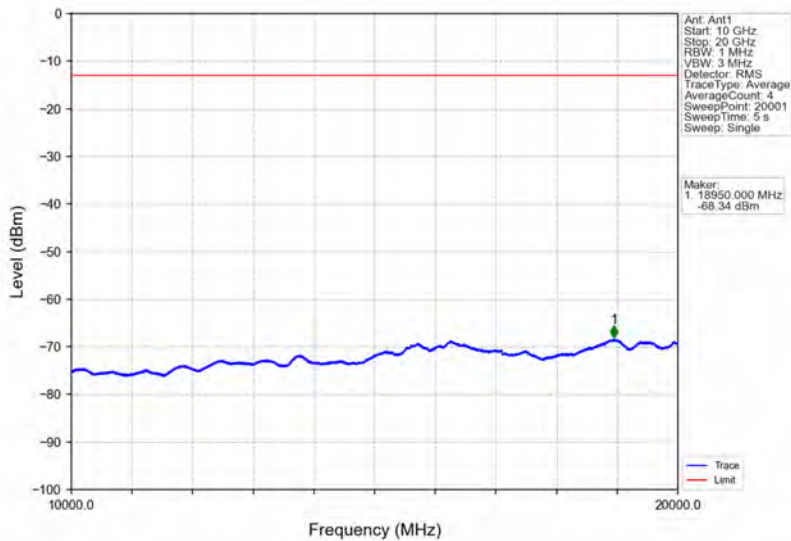
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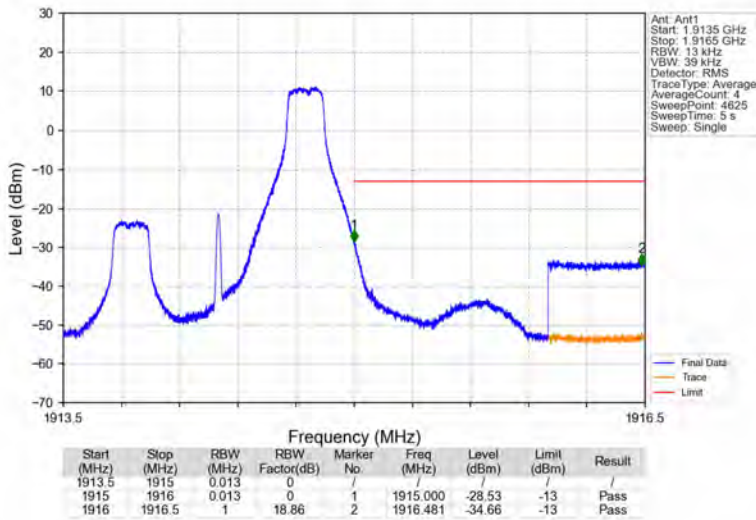
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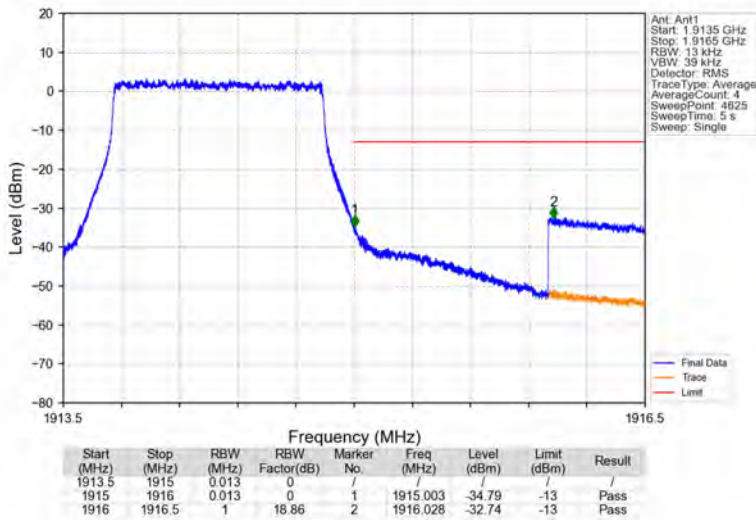
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Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_1_5_NTNV



Band25_1.4MHz_64QAM_HCH_1914.3MHz_RB_6_0_NTNV



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6.2 B25_3MHz

6.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1851.5	1	0	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1913.5	1	0	Refer To Test Graph		Pass
			14		Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass	
16QAM	1851.5	1	0	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1913.5	1	0	Refer To Test Graph		Pass
			14		Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass	
64QAM	1851.5	1	0	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1913.5	1	0	Refer To Test Graph		Pass
			14		Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass	

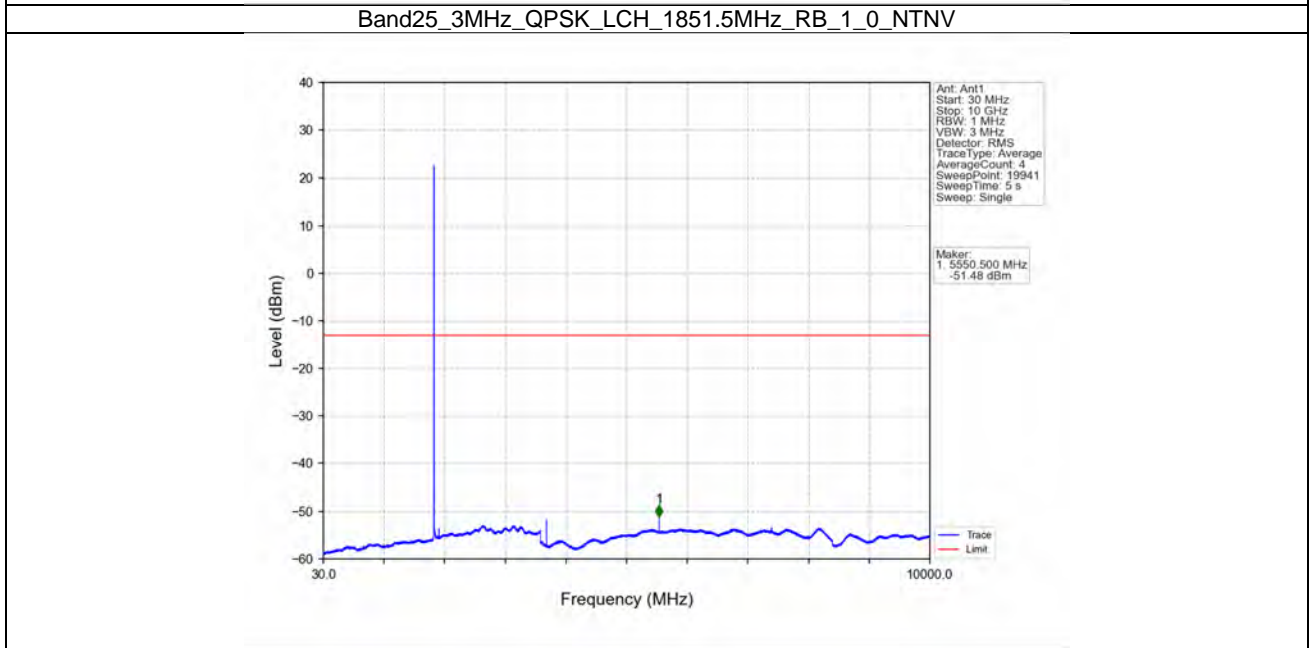
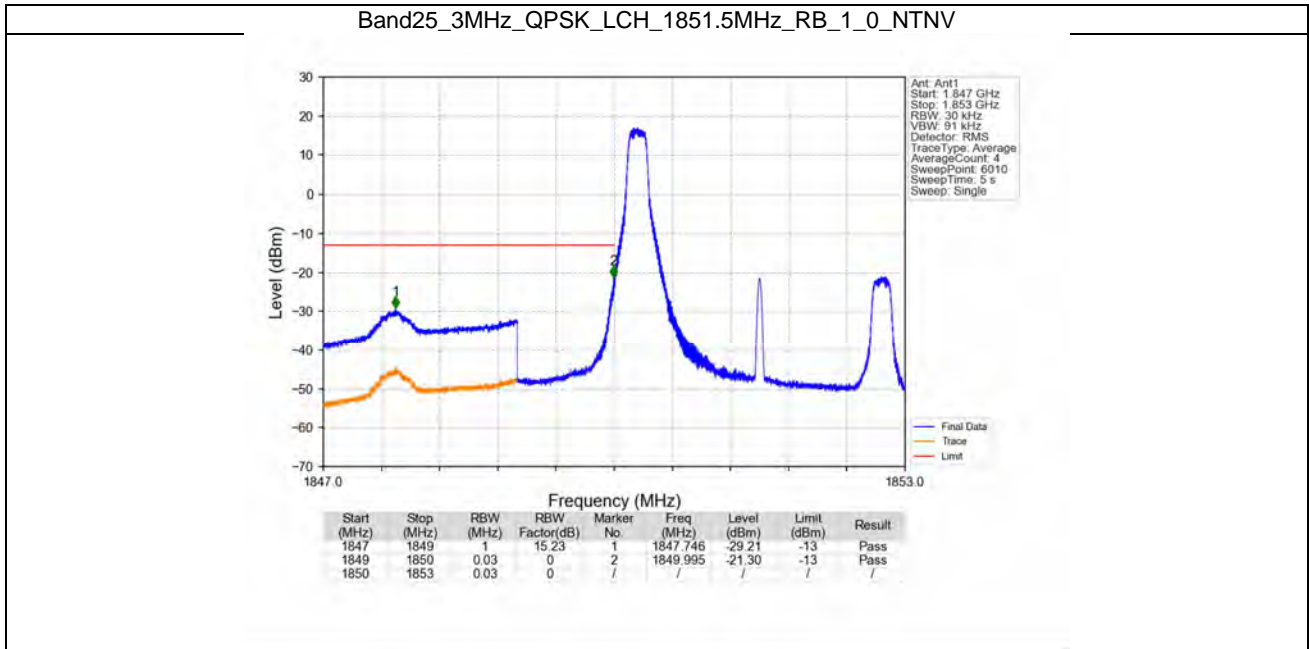


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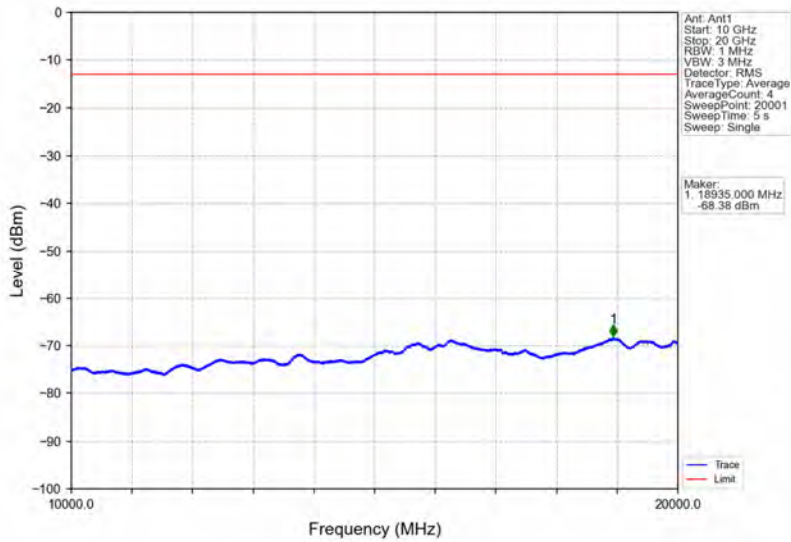
6.2.2 Test Graph



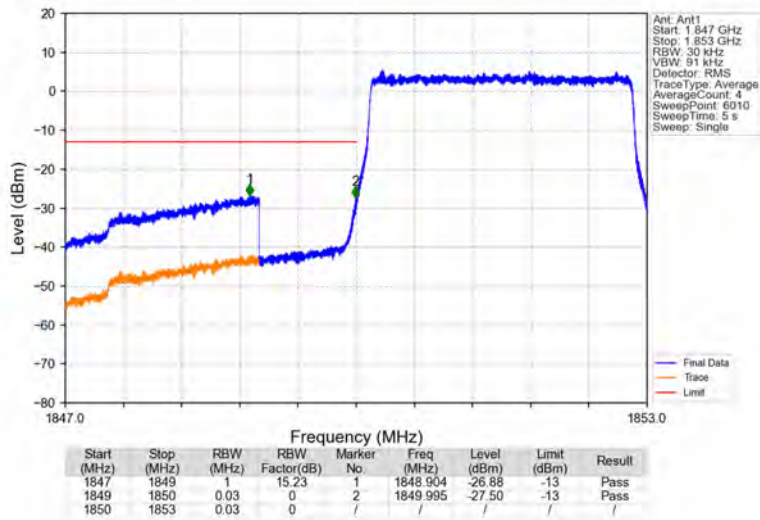
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Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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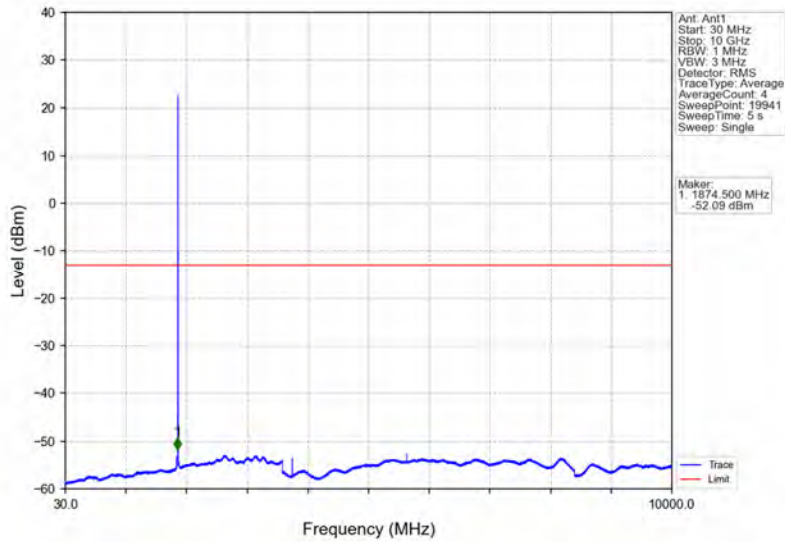
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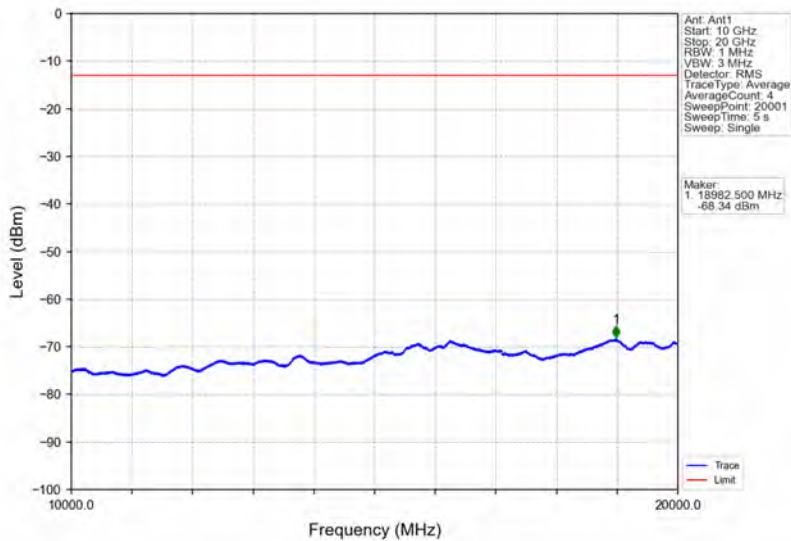
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Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



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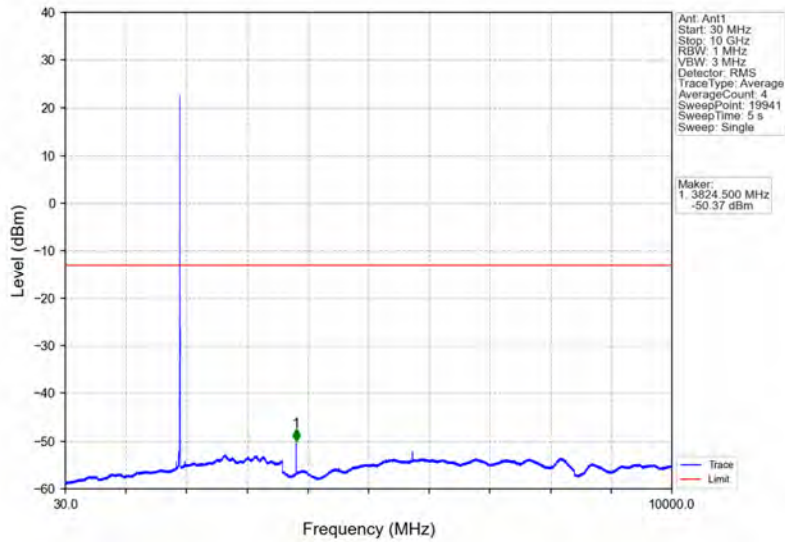
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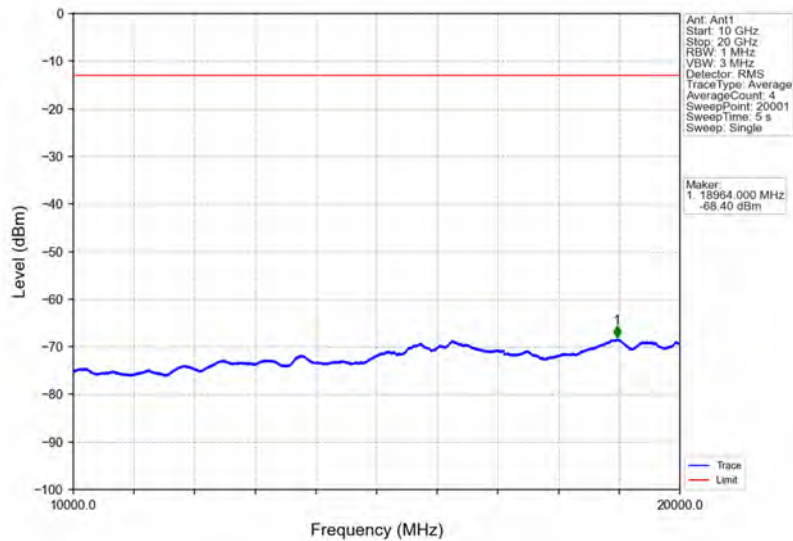
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Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



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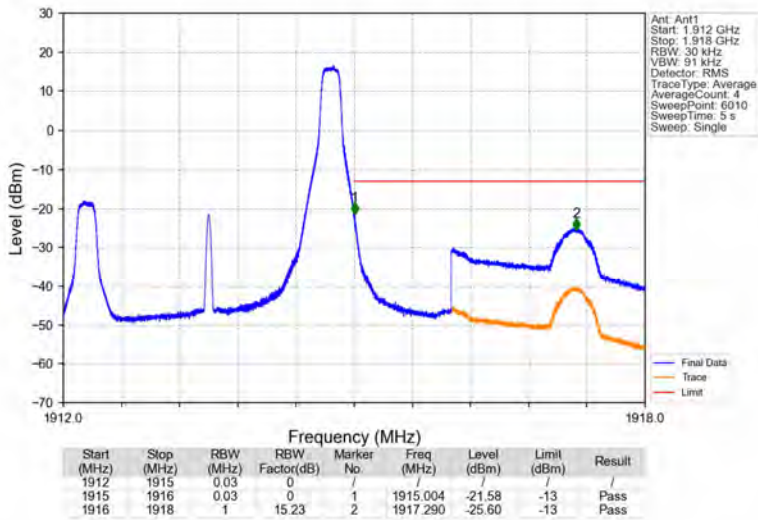
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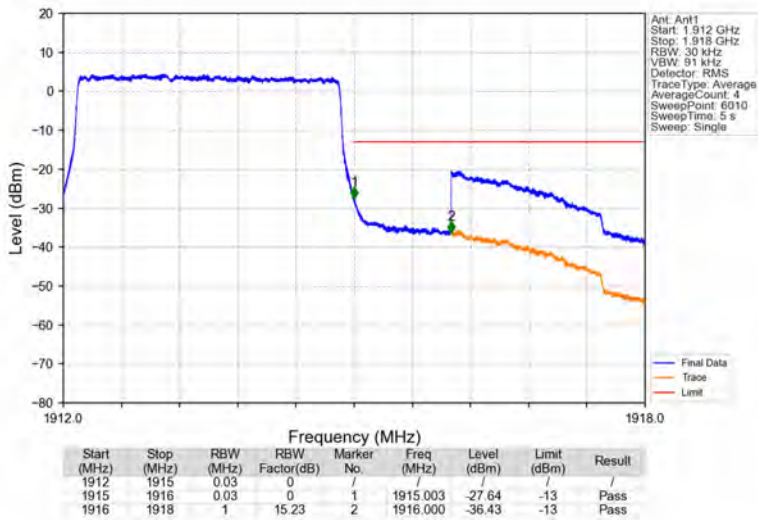
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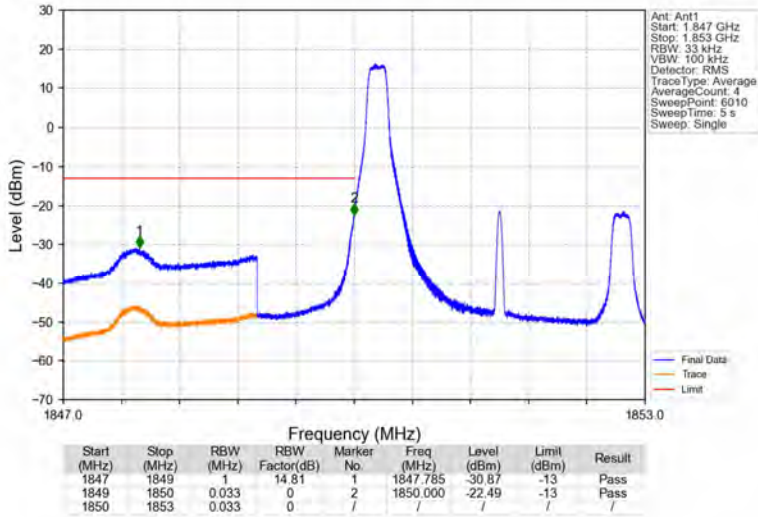
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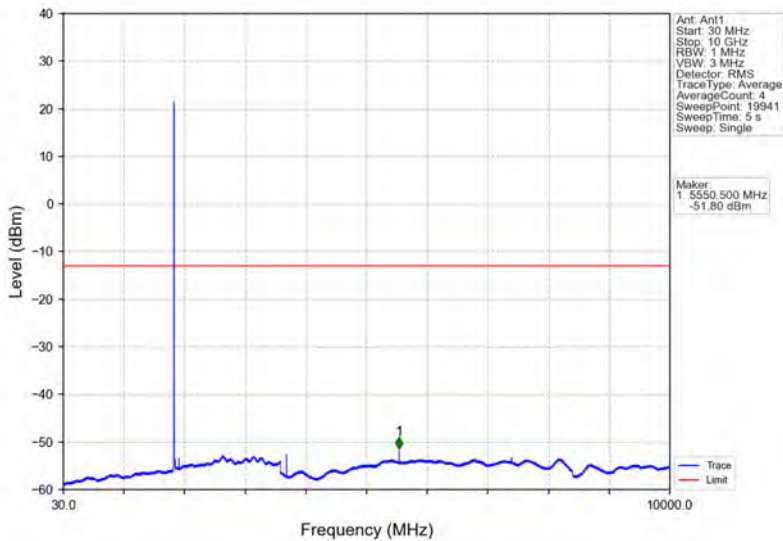
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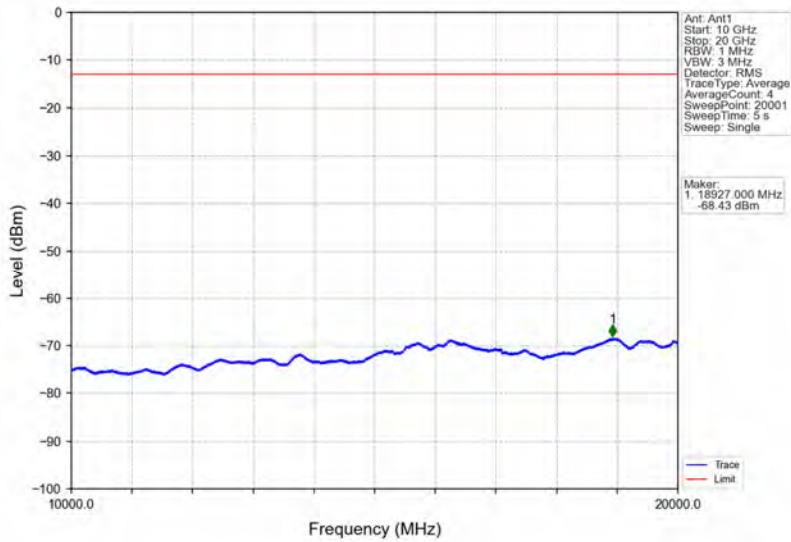


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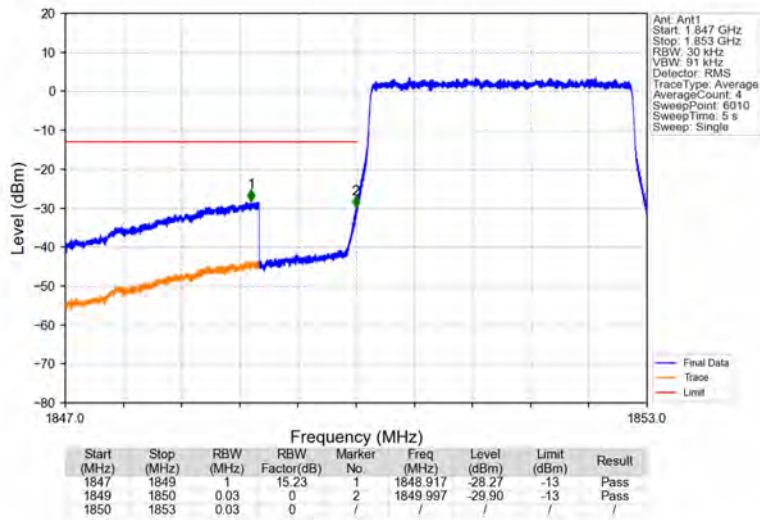
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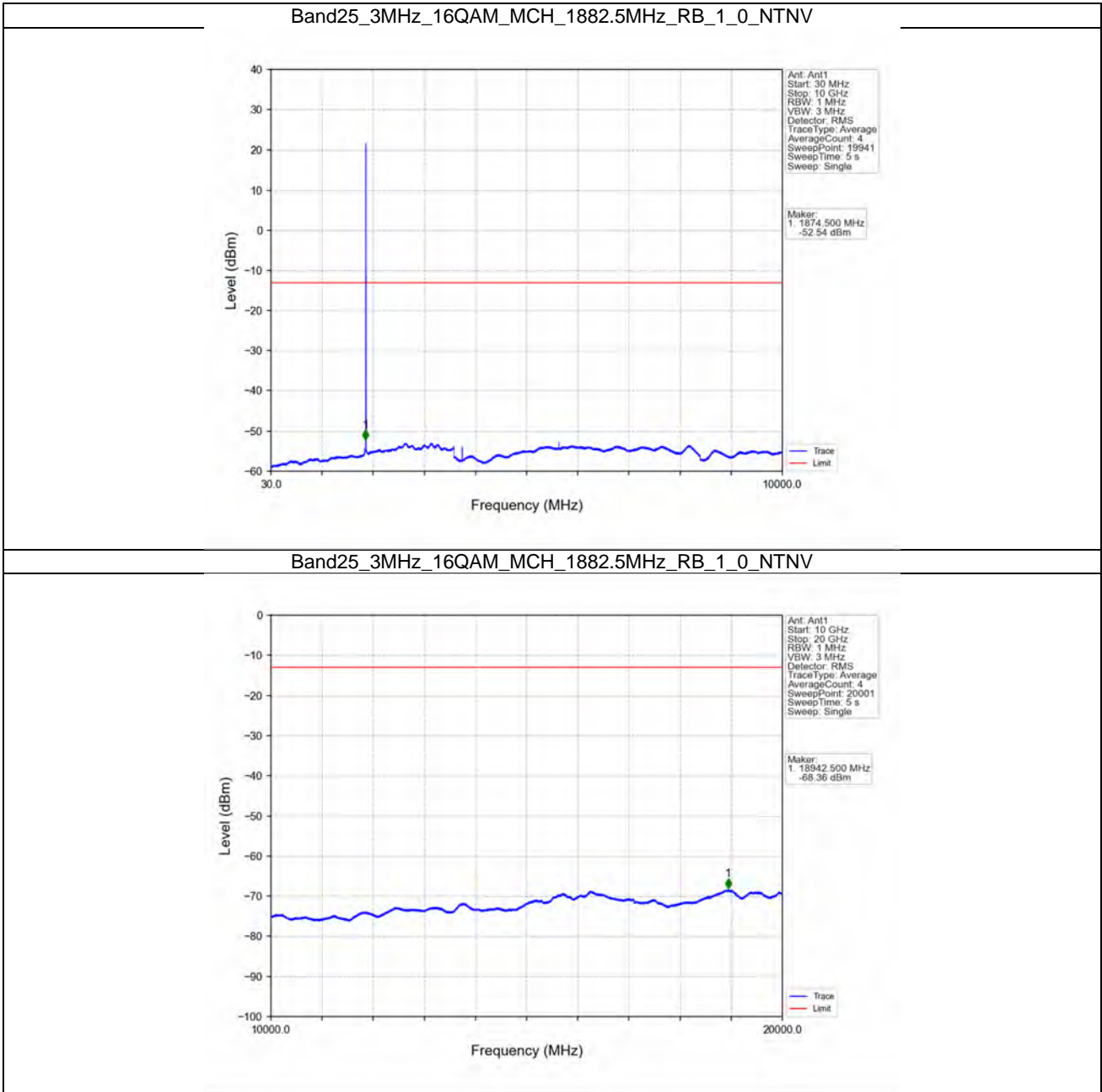
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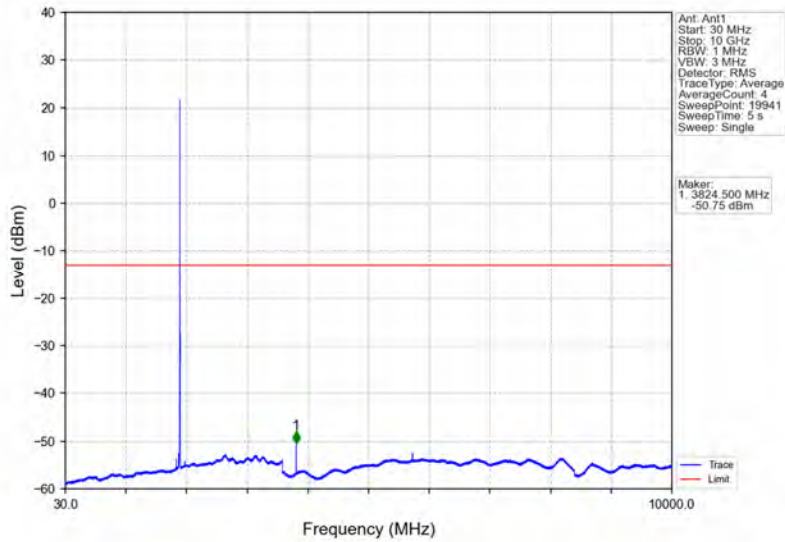
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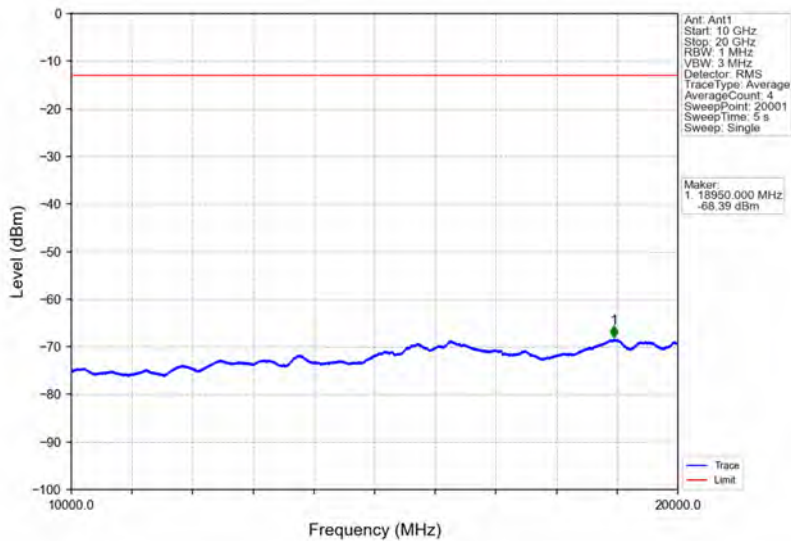
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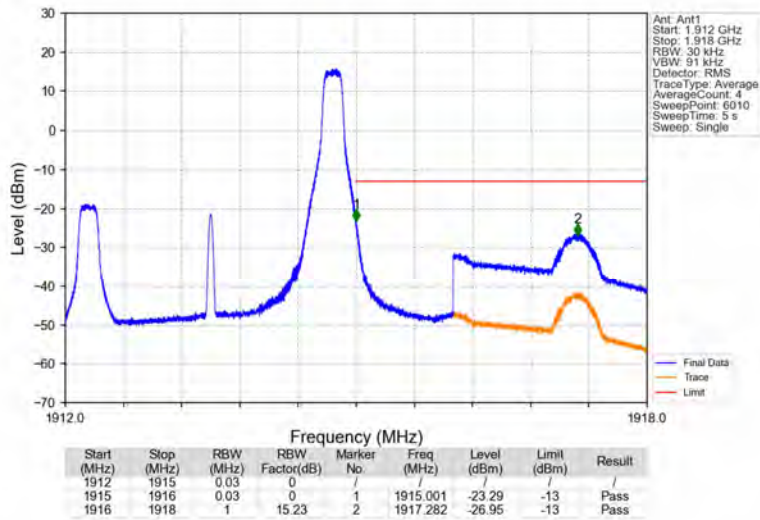
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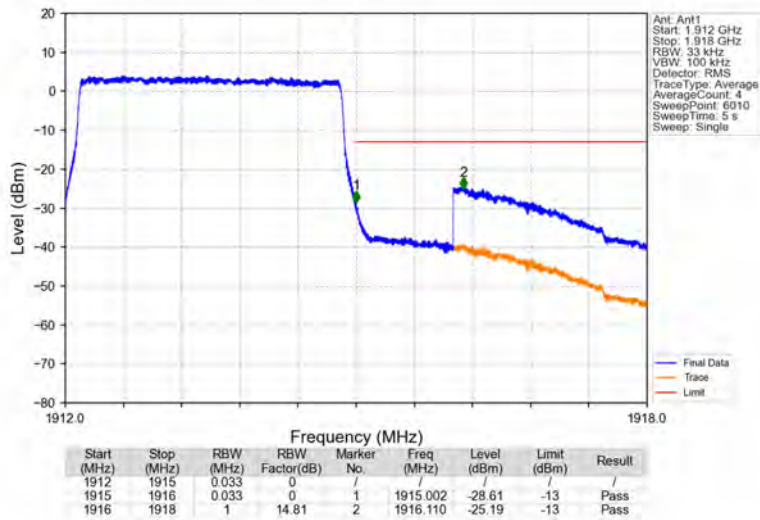


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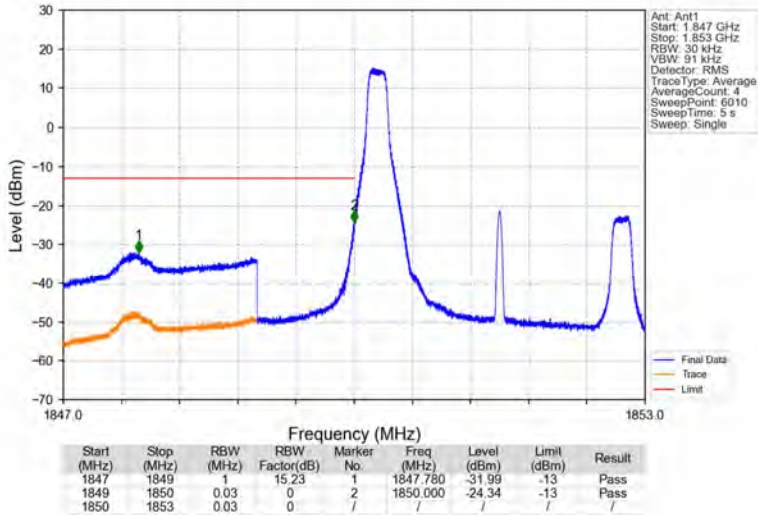
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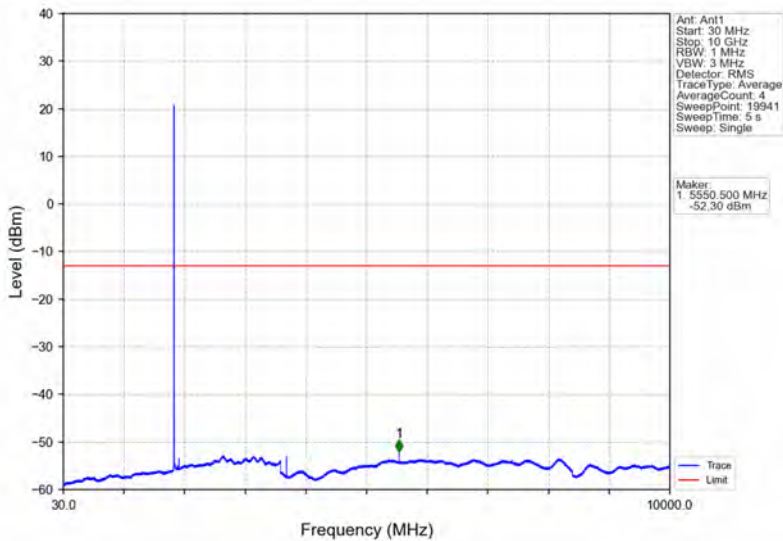
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Band25_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_64QAM_LCH_1851.5MHz_RB_1_0_NTNV



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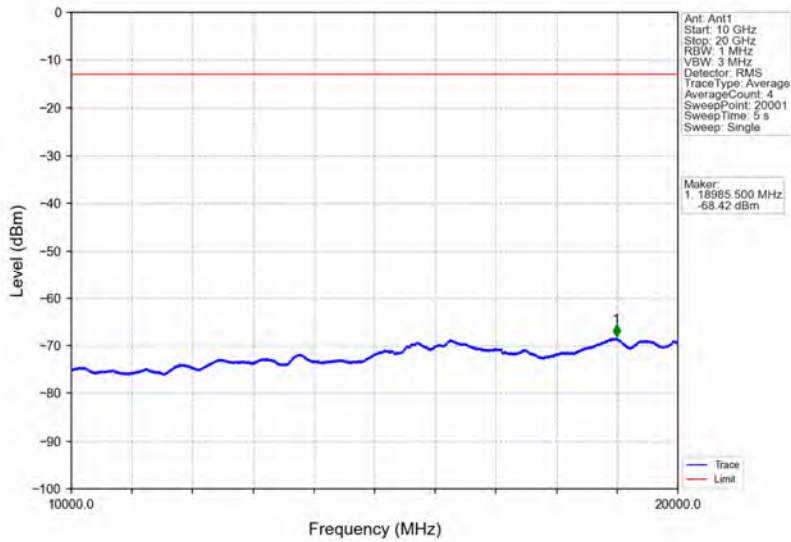
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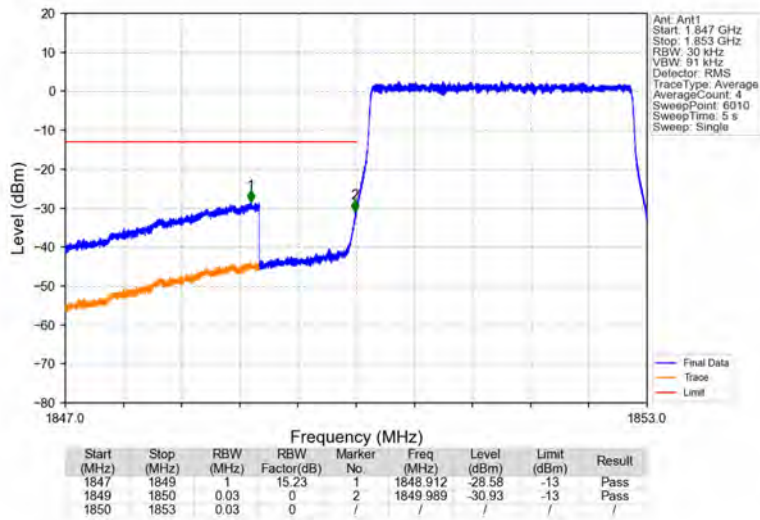
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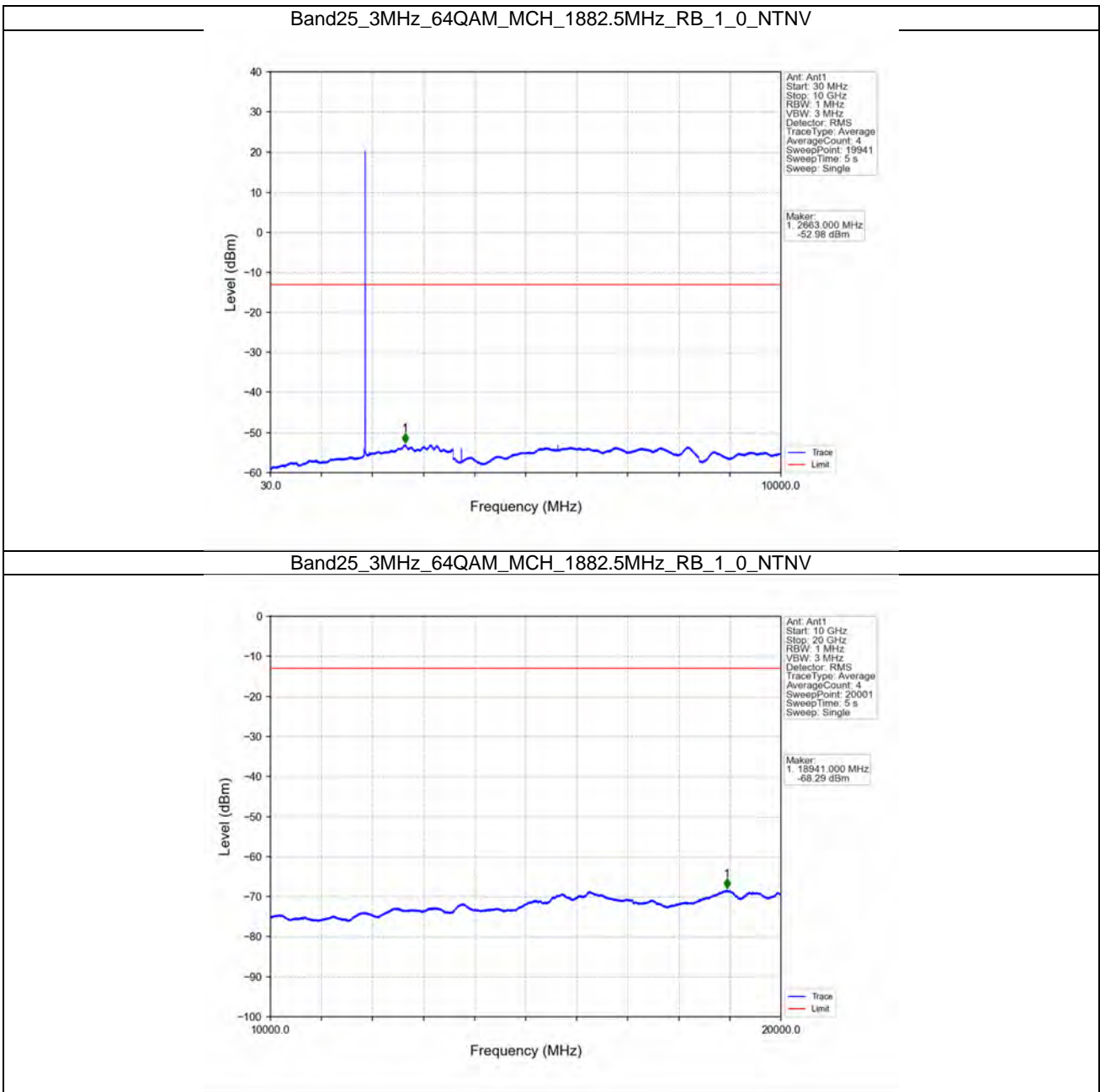
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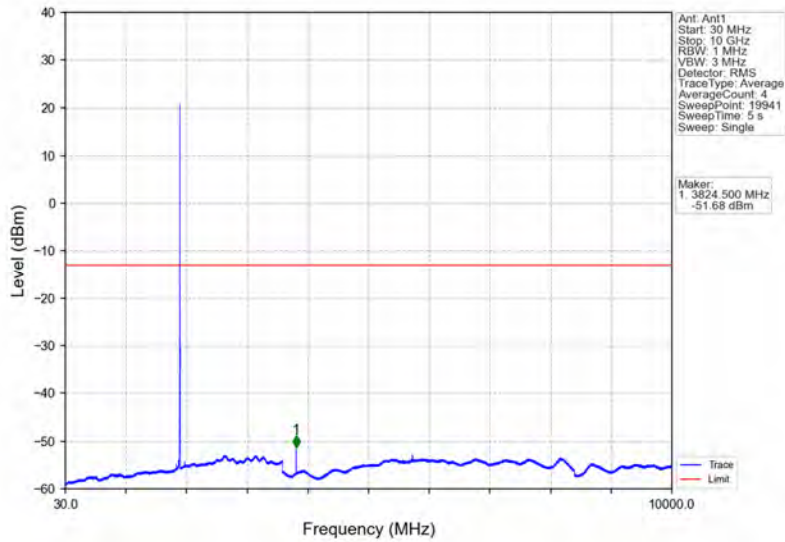
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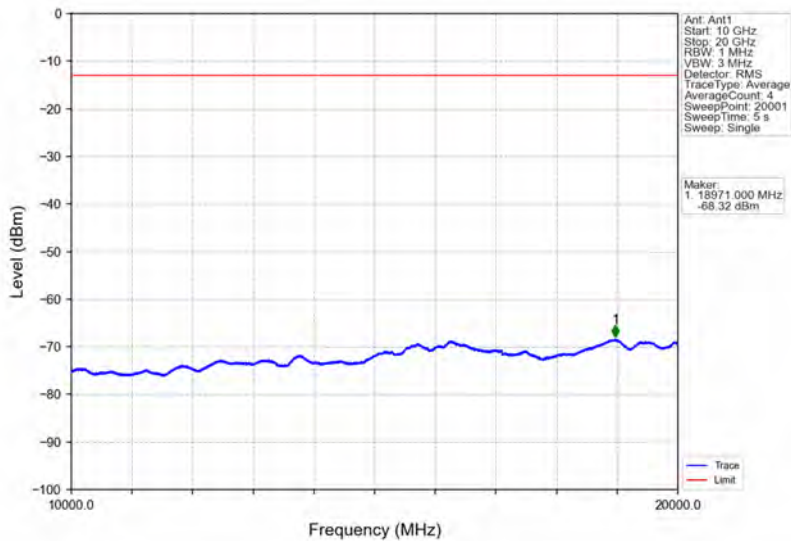
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Band25_3MHz_64QAM_HCH_1913.5MHz_RB_1_0_NTNV



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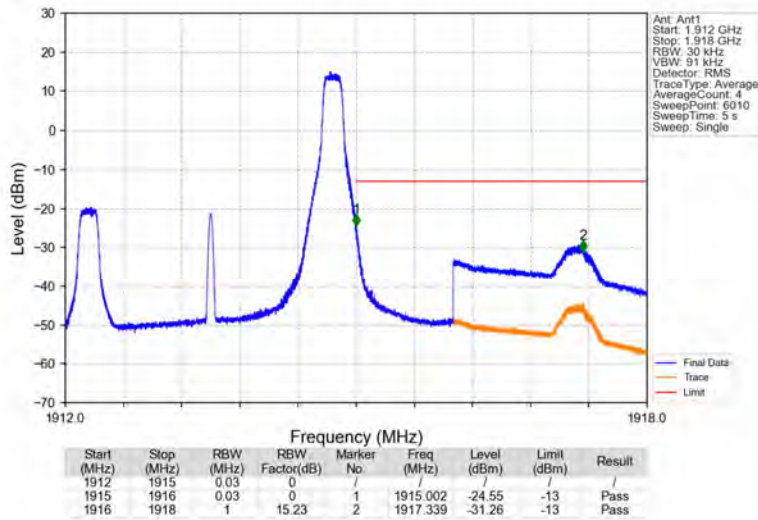
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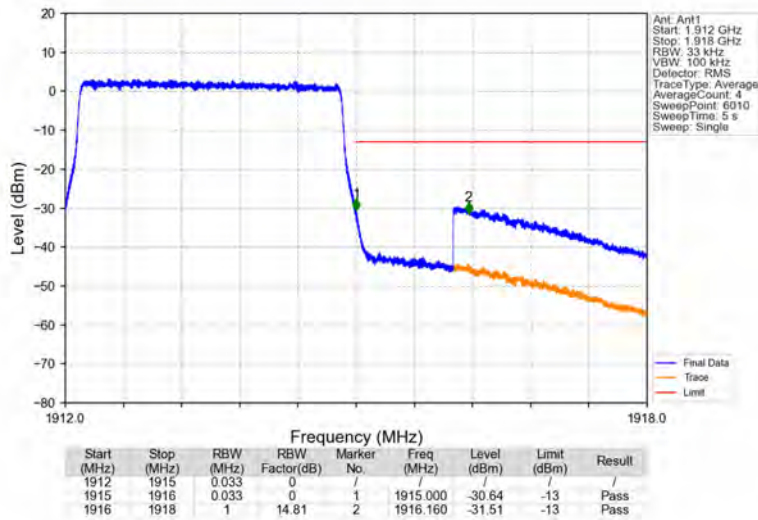
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6.3 B25_5MHz

6.3.1 Test Result

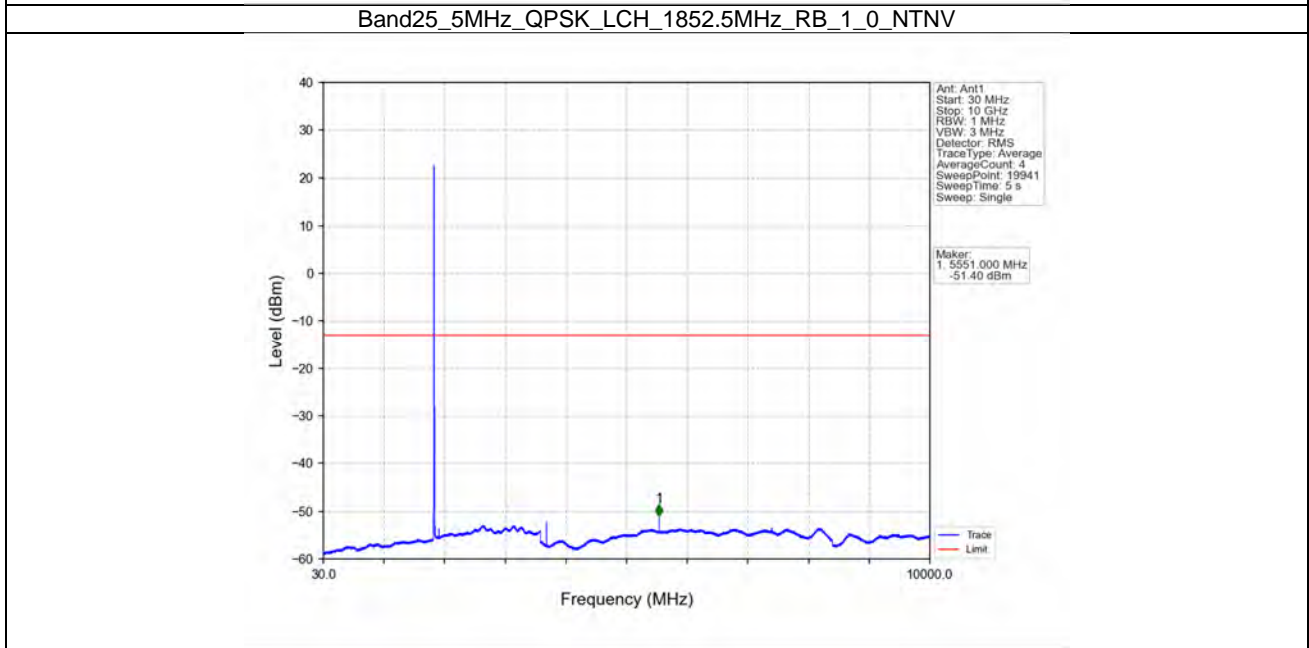
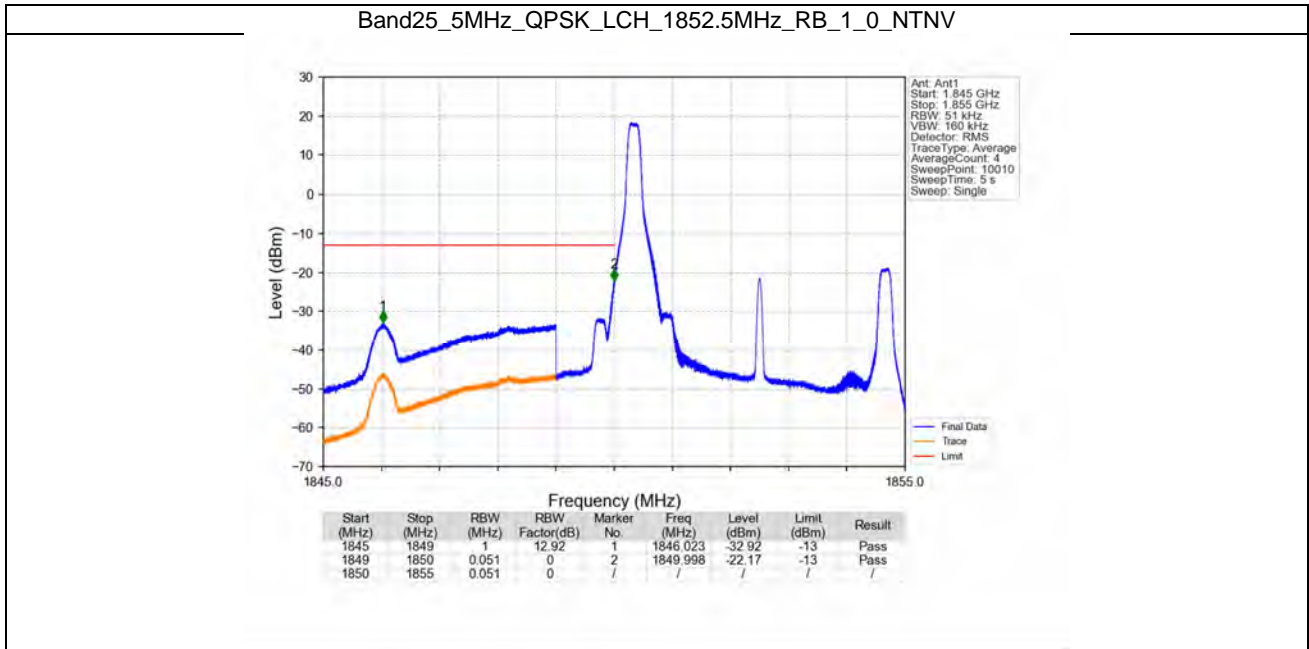
Band: 25 / Bandwidth: 5MHz / NTN							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1912.5	1	0	Refer To Test Graph		Pass
			24		Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass	
16QAM	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1912.5	1	0	Refer To Test Graph		Pass
			24		Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass	
64QAM	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1912.5	1	0	Refer To Test Graph		Pass
			24		Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass	



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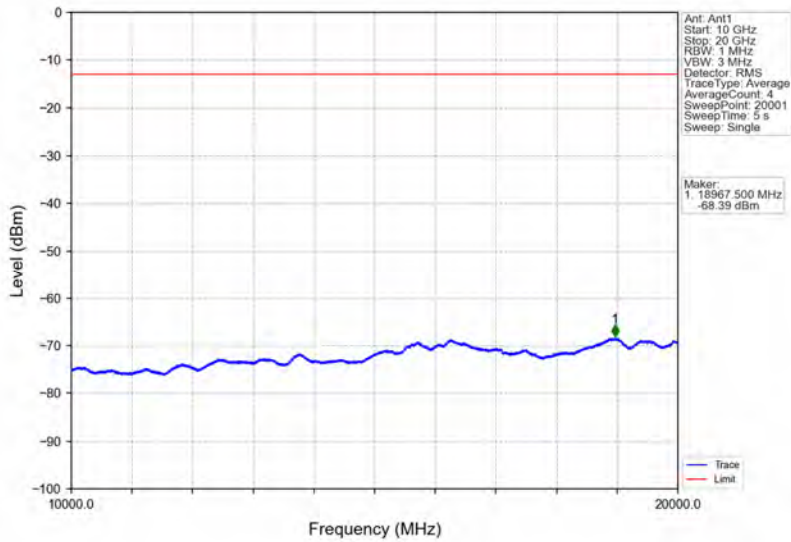
6.3.2 Test Graph



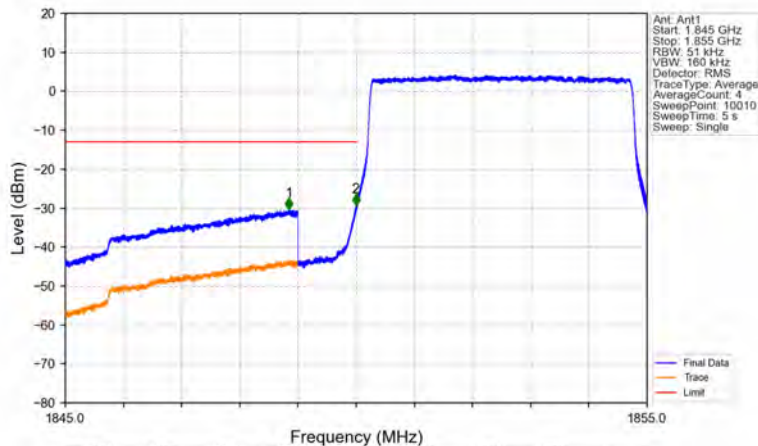
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Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	12.92	1	1848.844	-30.44	-13	Pass
1849	1850	0.051	0	2	1849.995	-29.45	-13	Pass
1850	1855	0.051	0	/	/	/	/	/



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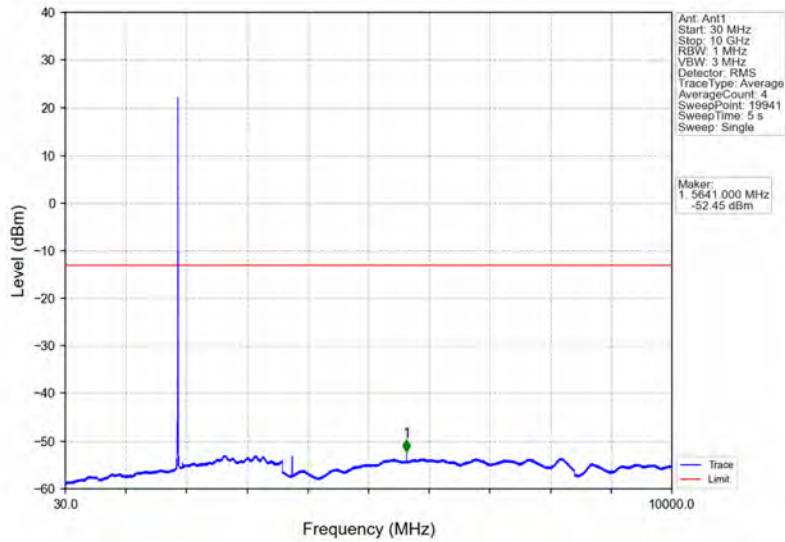
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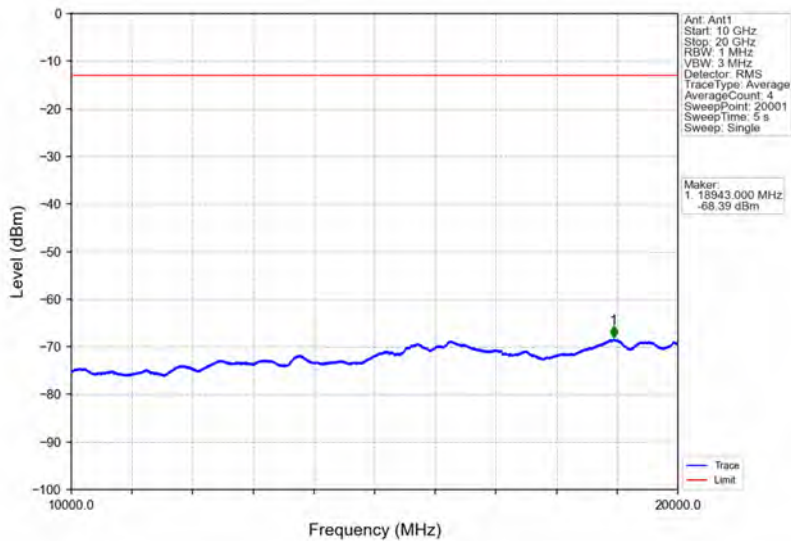
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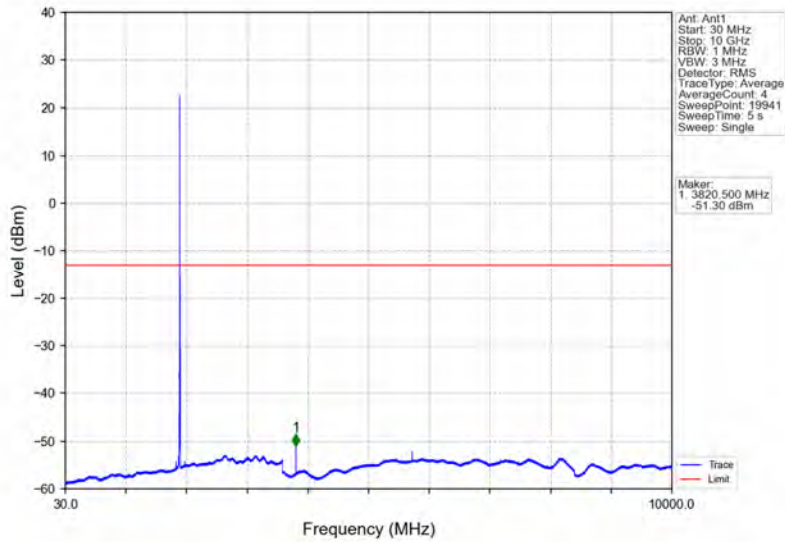
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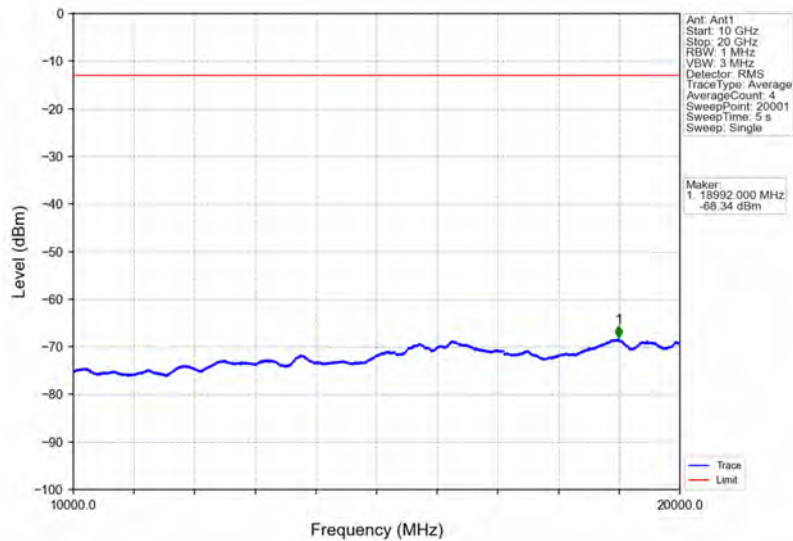
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Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



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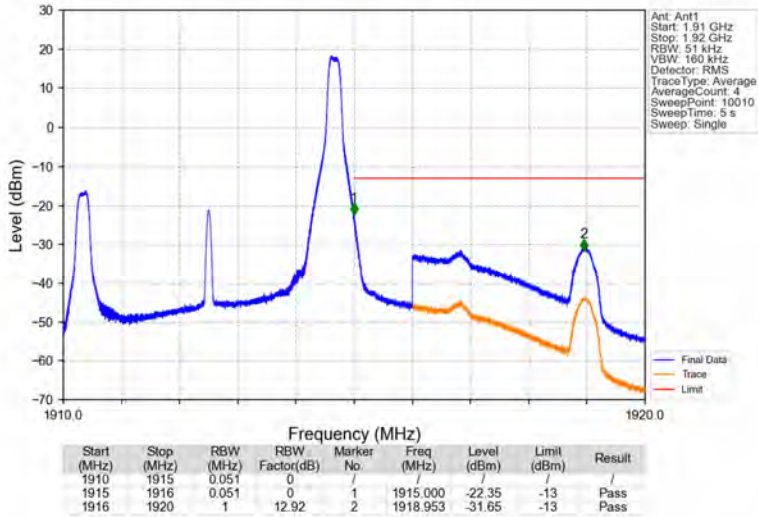
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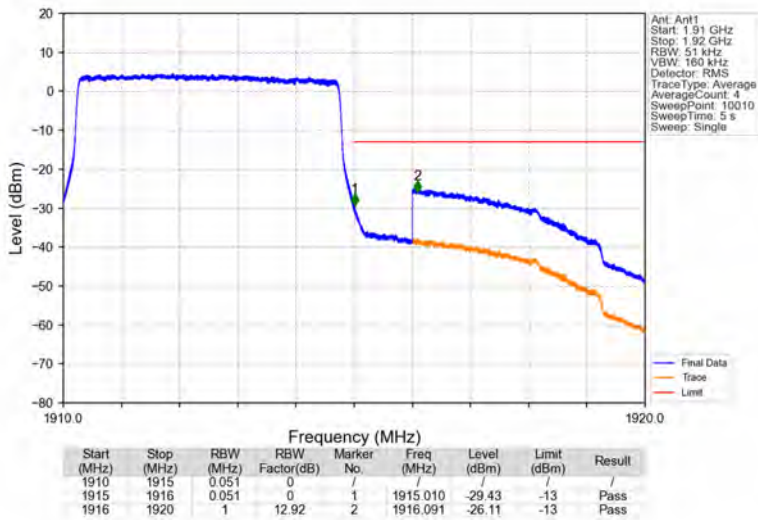
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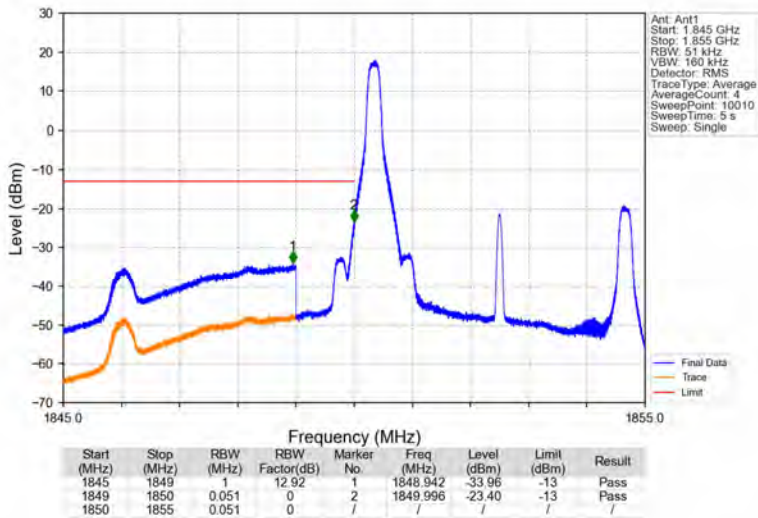
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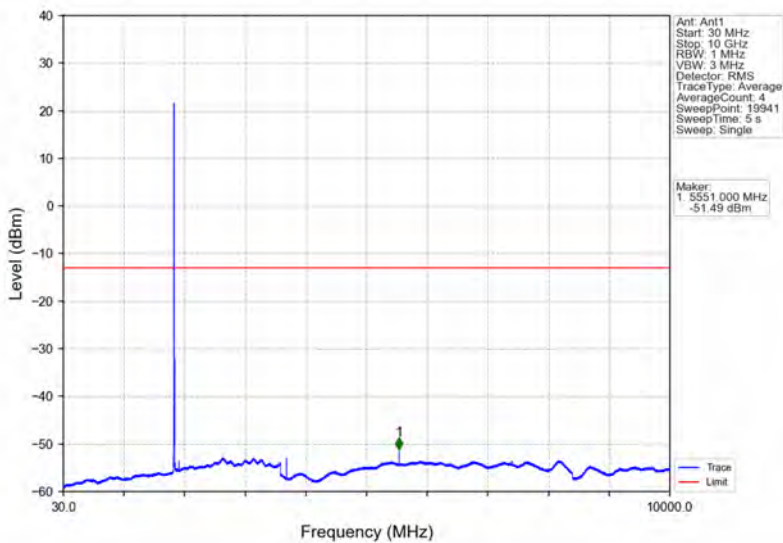
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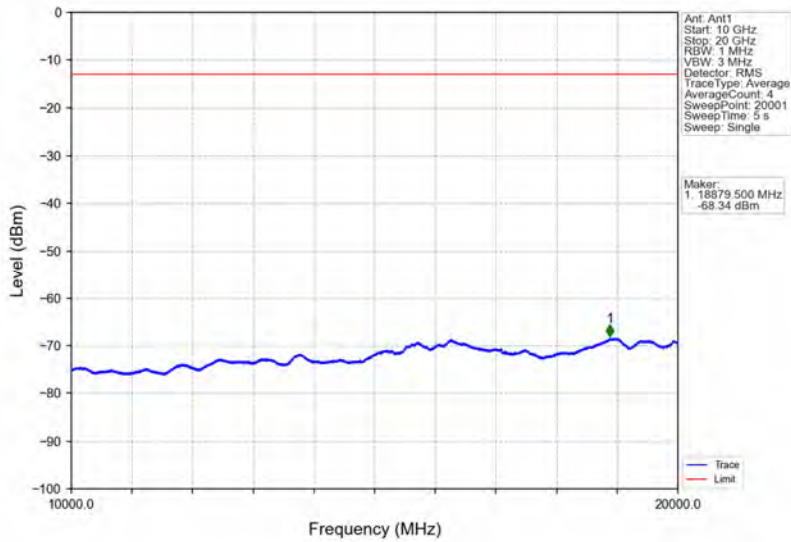
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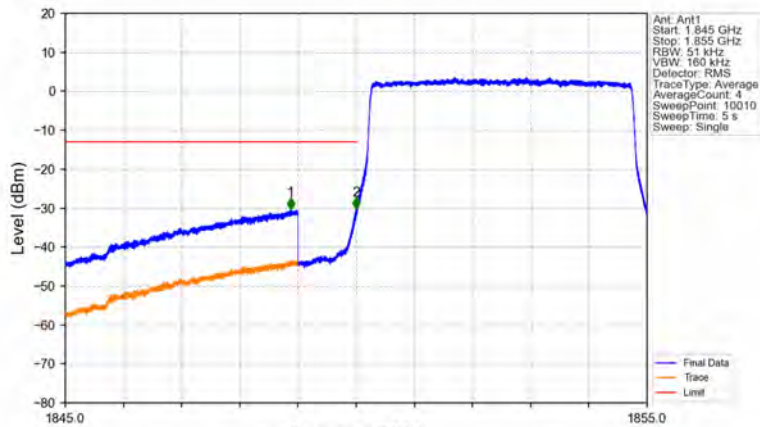


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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	12.92	1	1848.877	-30.35	-13	Pass
1849	1850	0.051	0	2	1849.997	-30.26	-13	Pass
1850	1855	0.051	0	/	/	/	/	/



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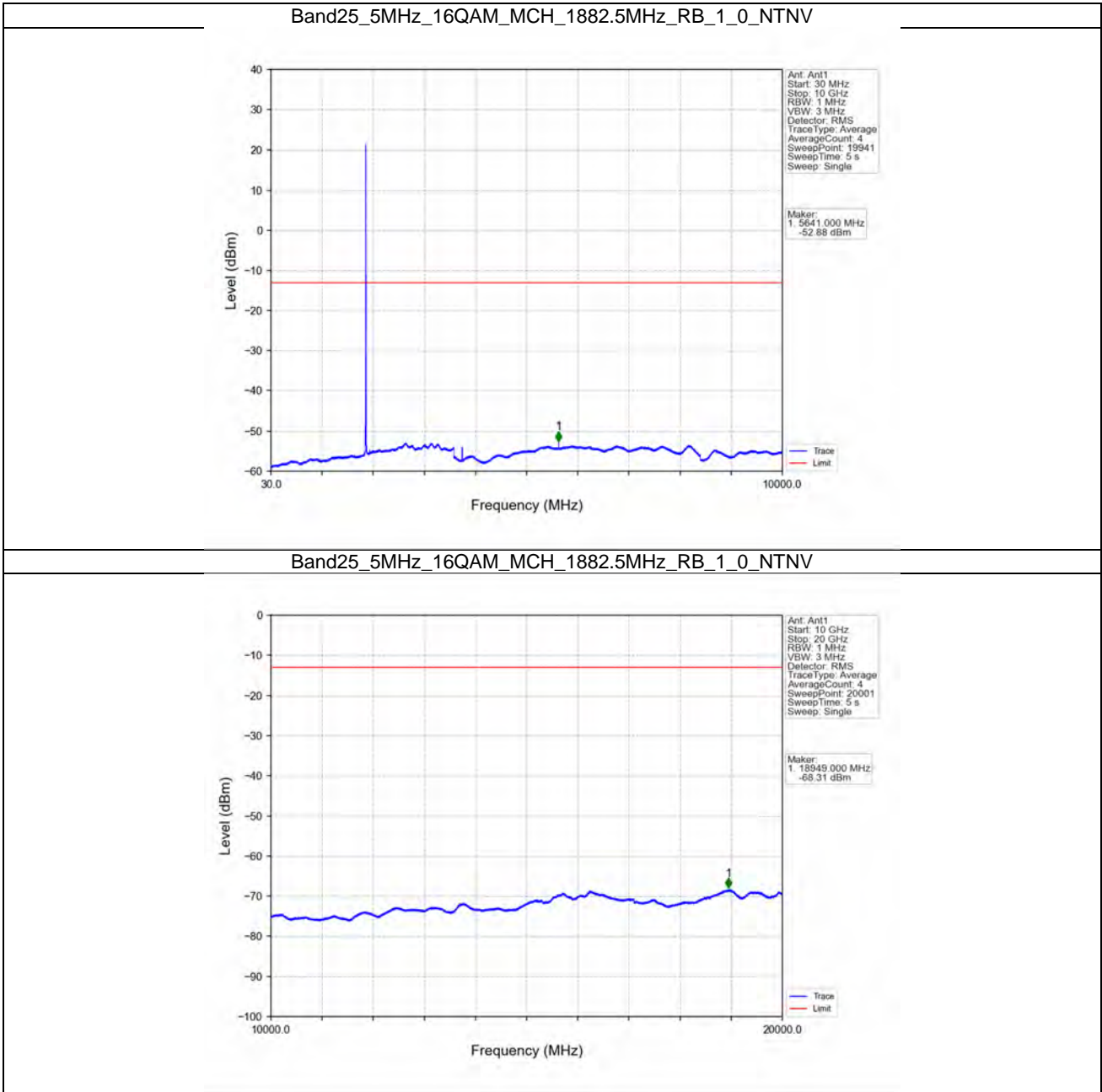
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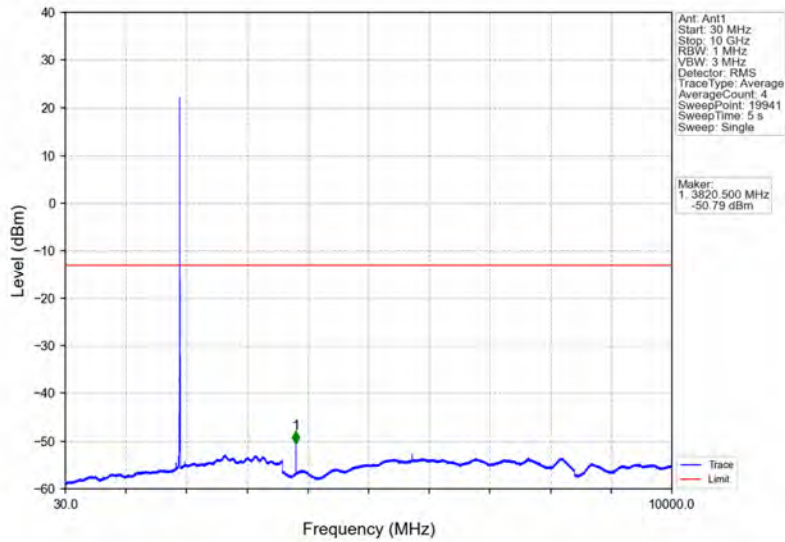
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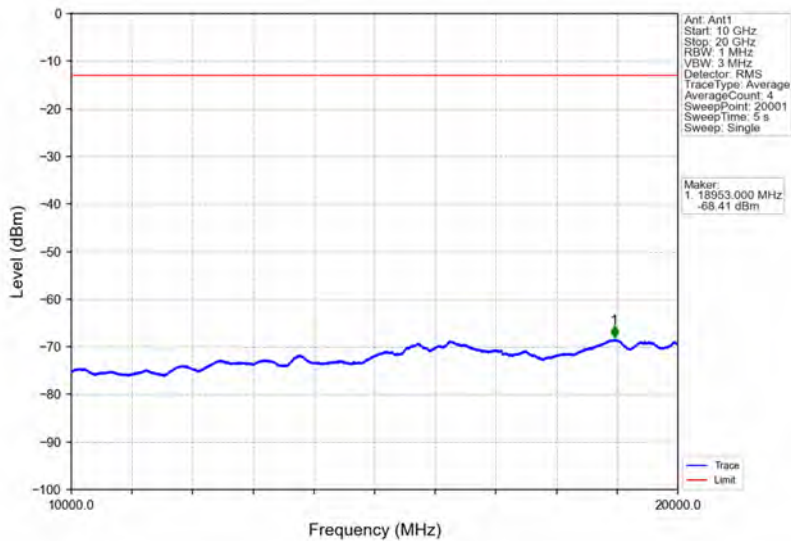
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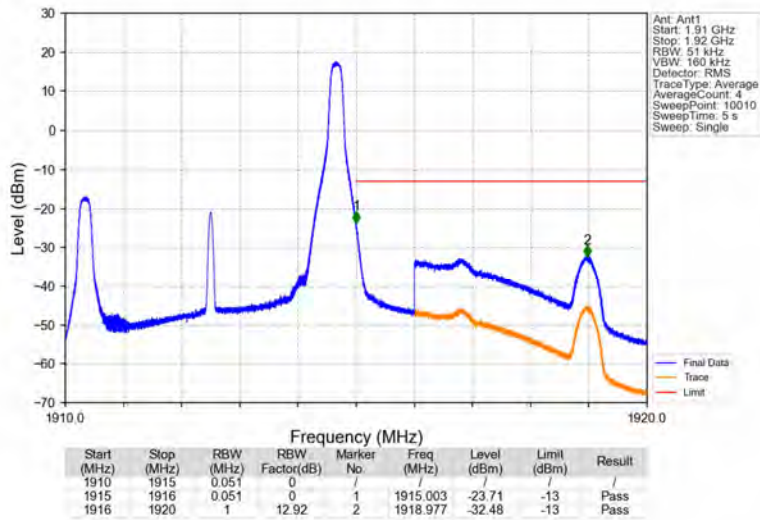
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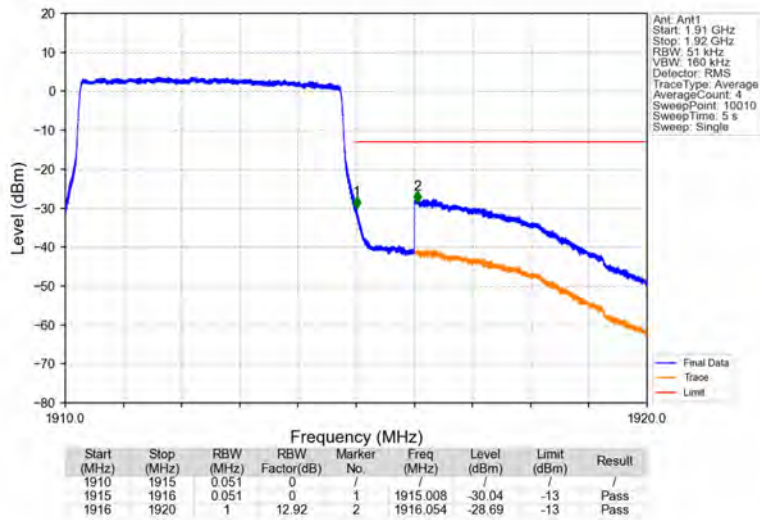
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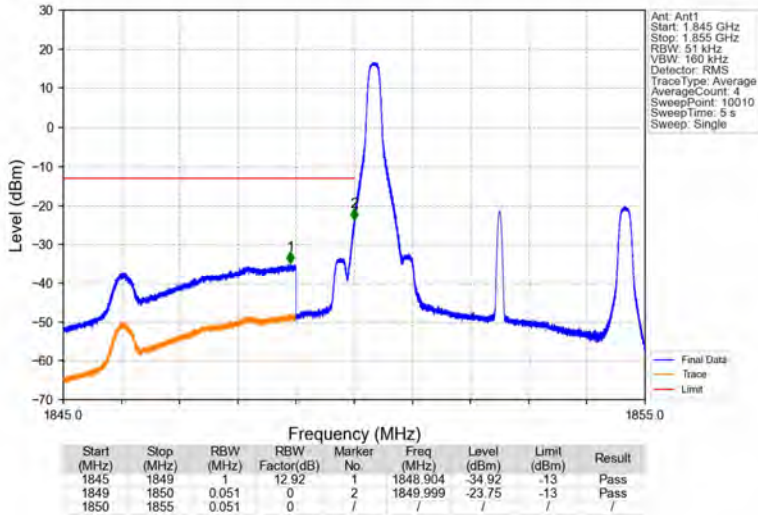
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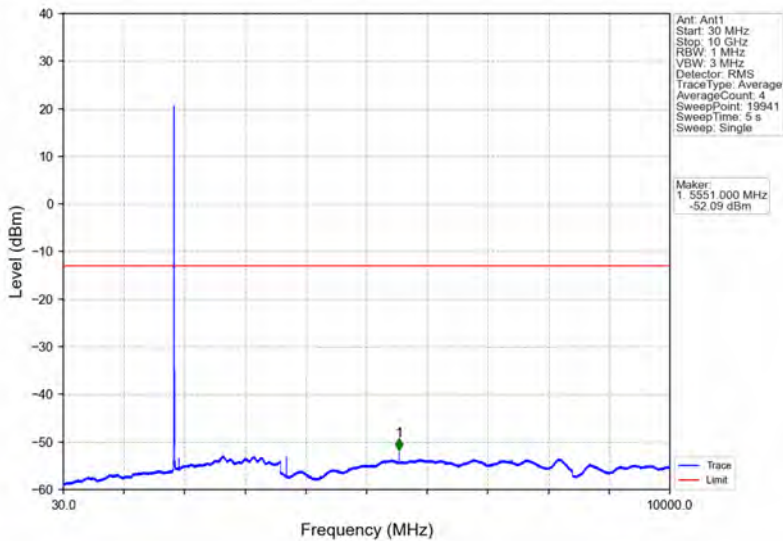
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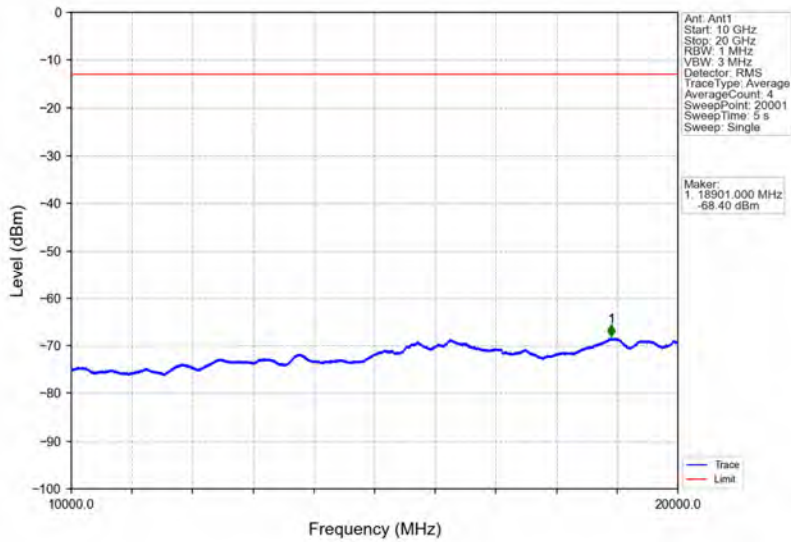
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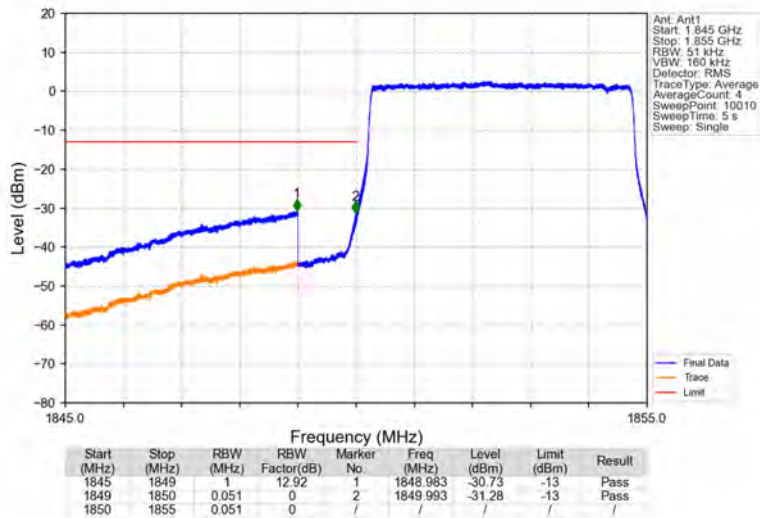
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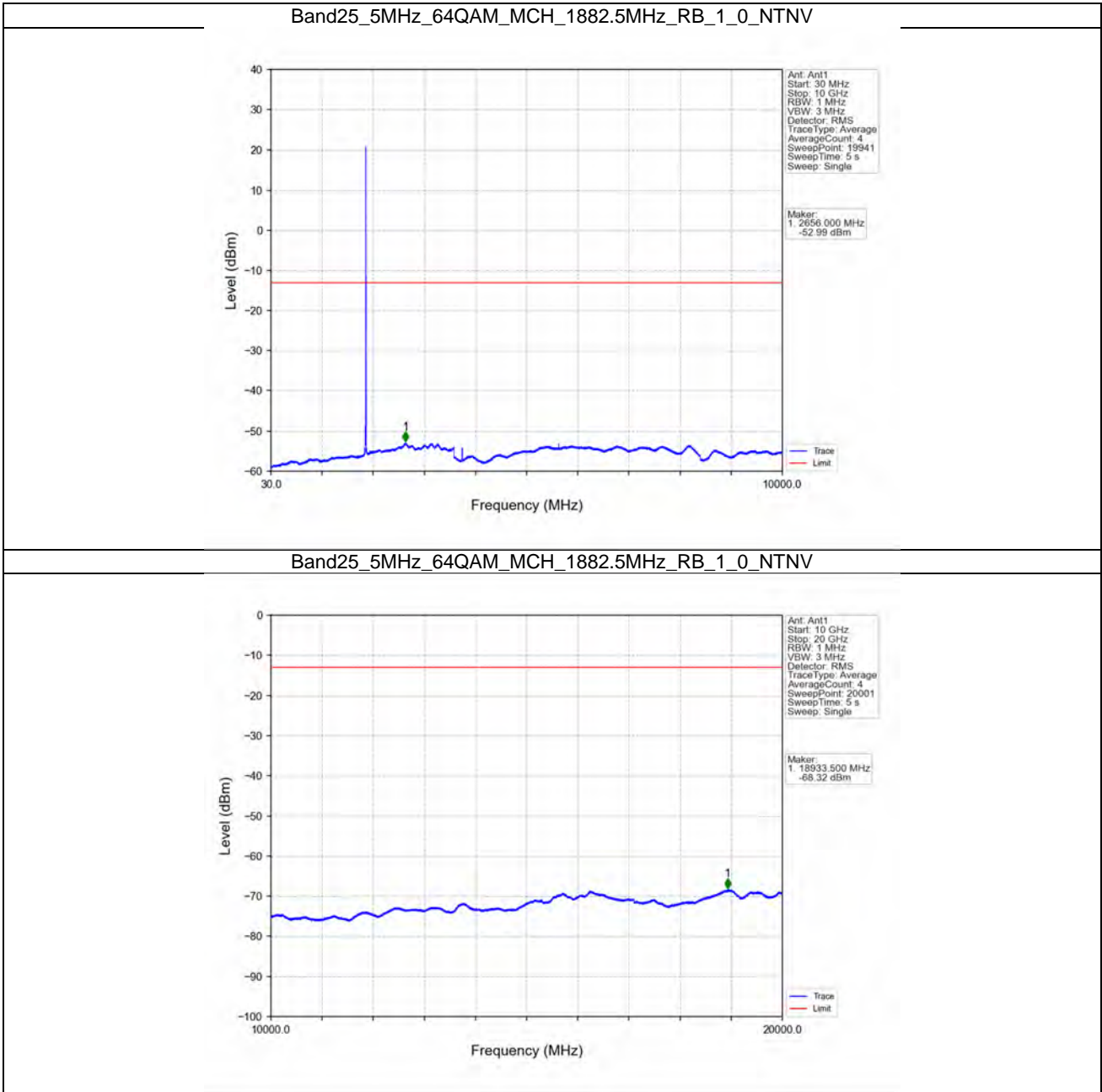
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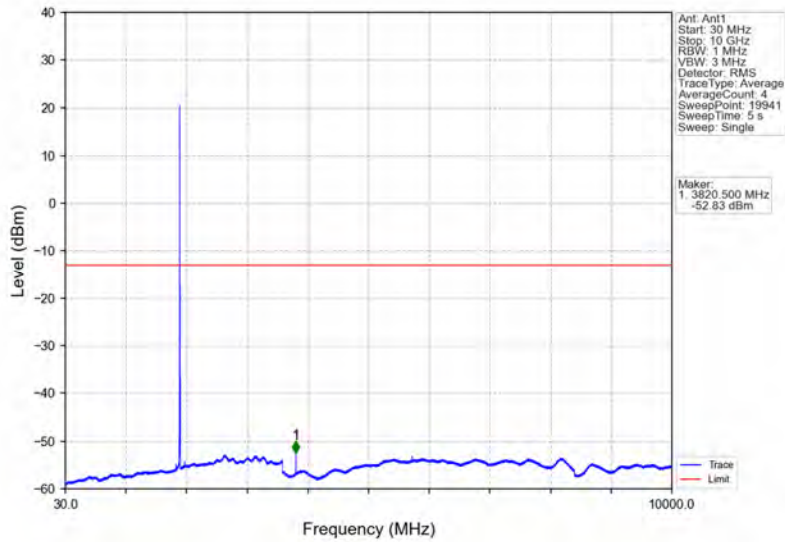


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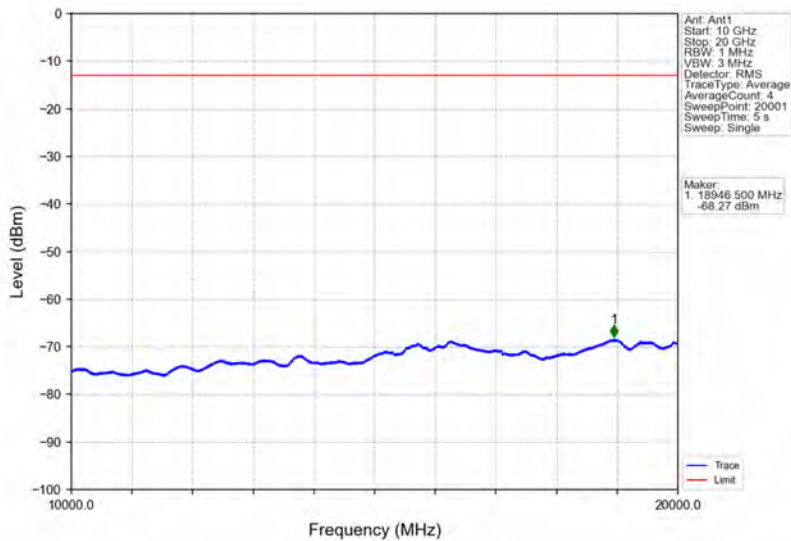
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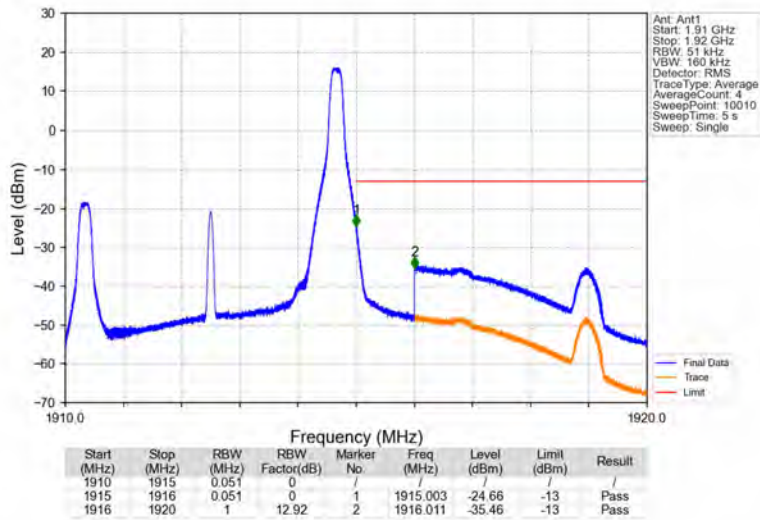
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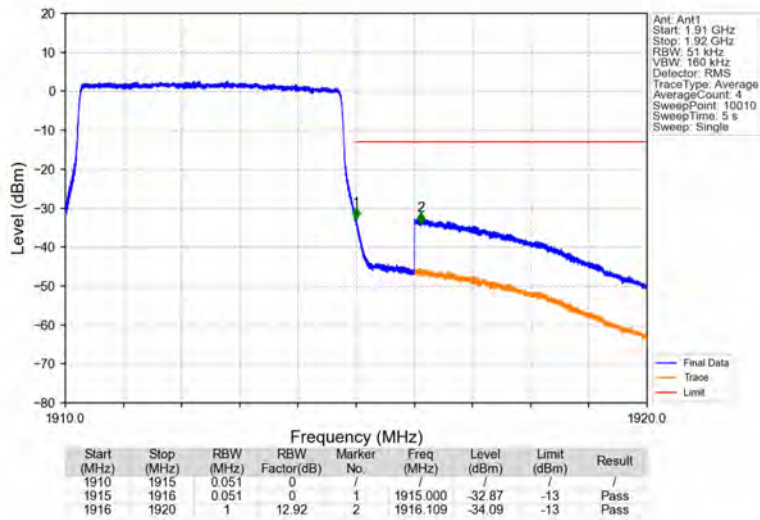


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6.4 B25_10MHz

6.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1910	1	0	Refer To Test Graph		Pass
				49	Refer To Test Graph		Pass
			50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1910	1	0	Refer To Test Graph		Pass
				49	Refer To Test Graph		Pass
			50	0	Refer To Test Graph		Pass
64QAM	1855	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1910	1	0	Refer To Test Graph		Pass
				49	Refer To Test Graph		Pass
			50	0	Refer To Test Graph		Pass

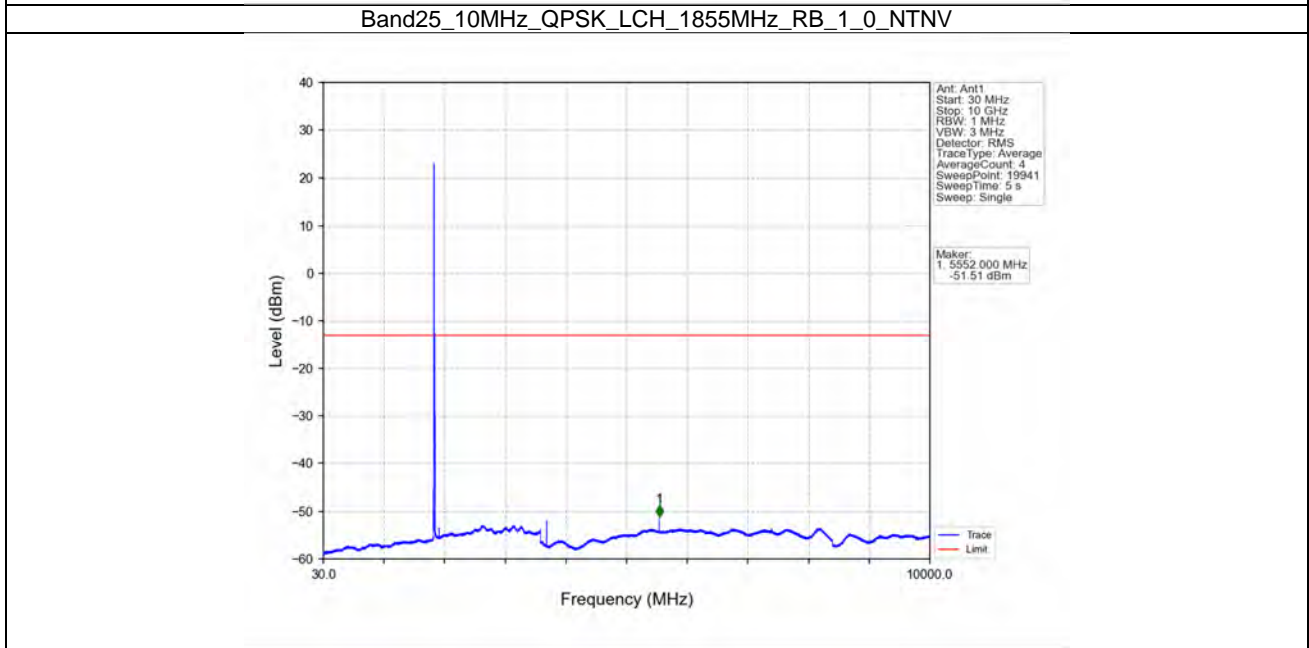
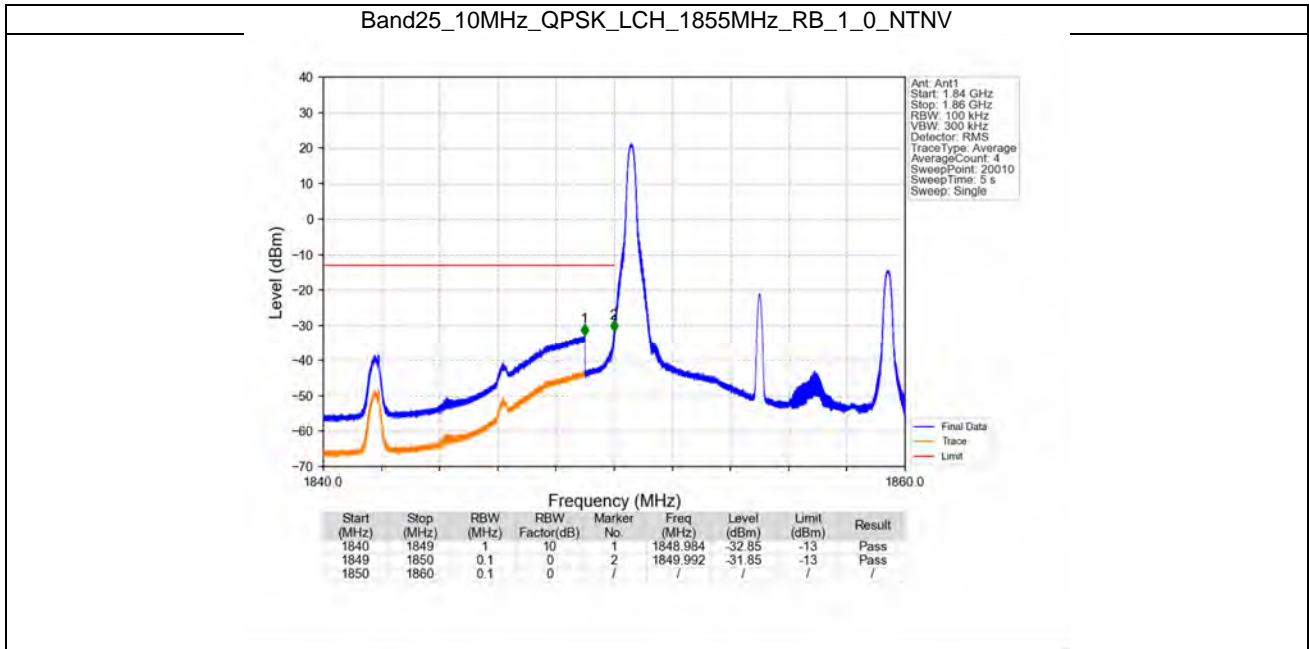


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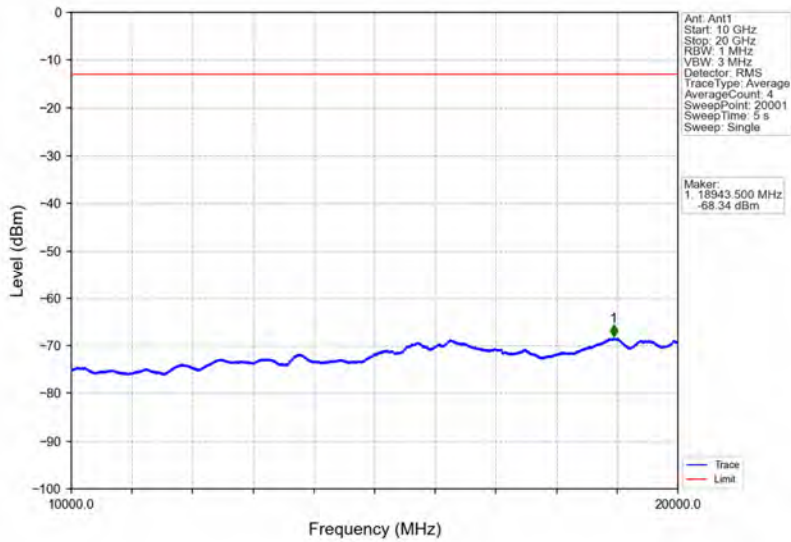
6.4.2 Test Graph



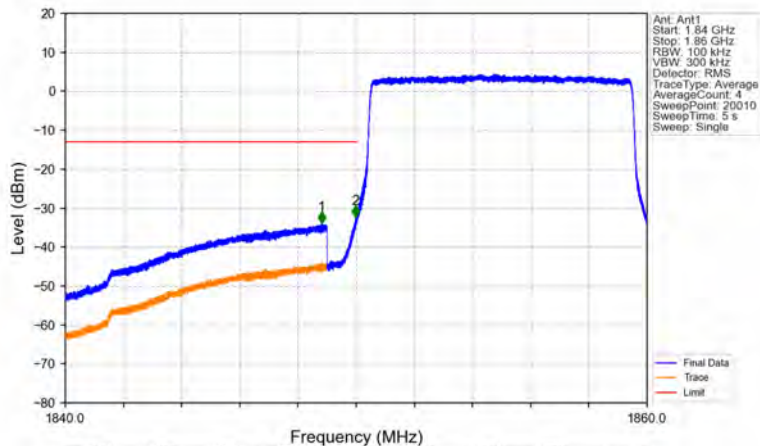
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Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	10	1	1848.818	-33.95	-13	Pass
1849	1850	0.1	0	2	1849.982	-32.46	-13	Pass
1850	1860	0.1	0	/	/	/	/	/



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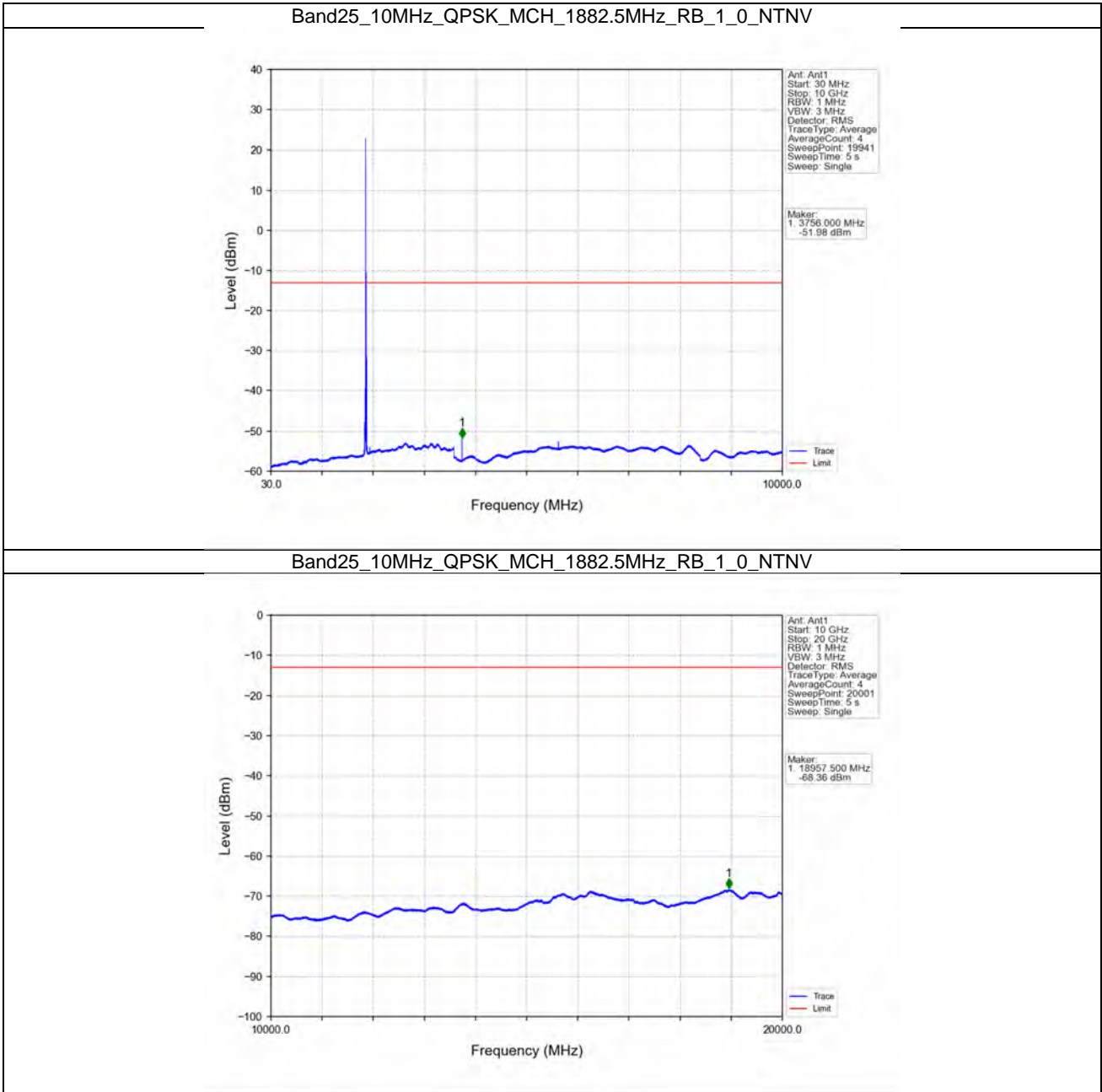
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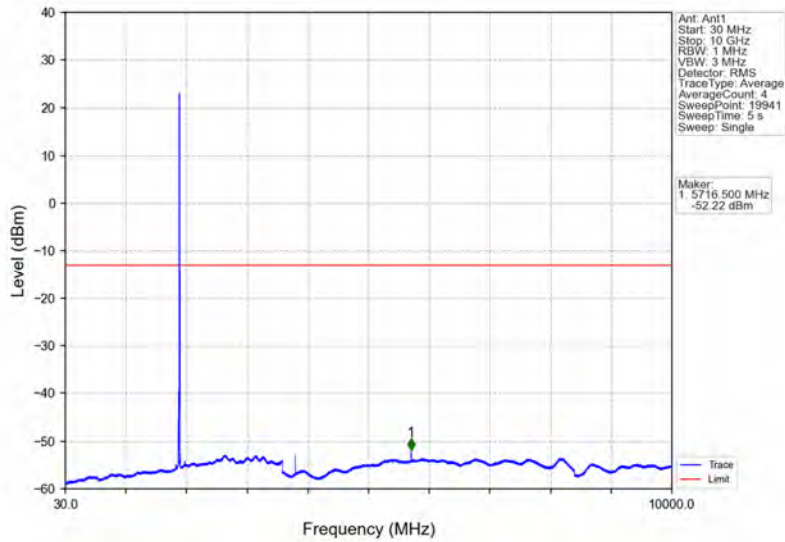
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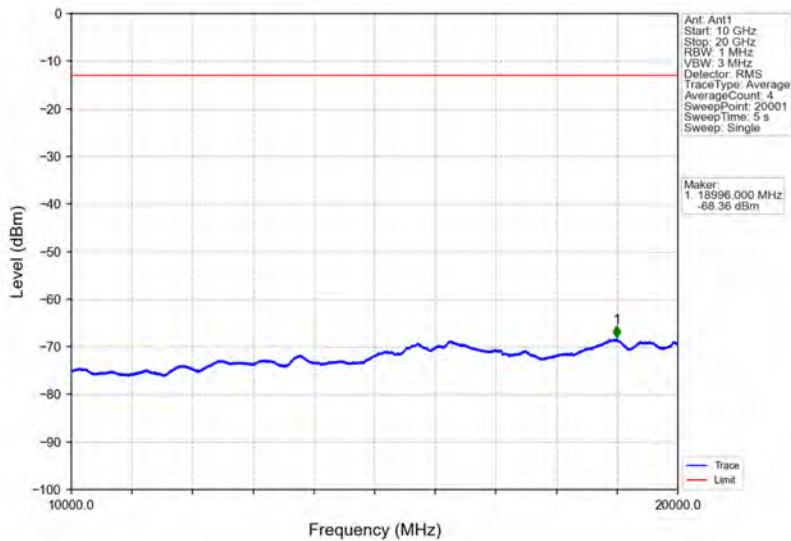
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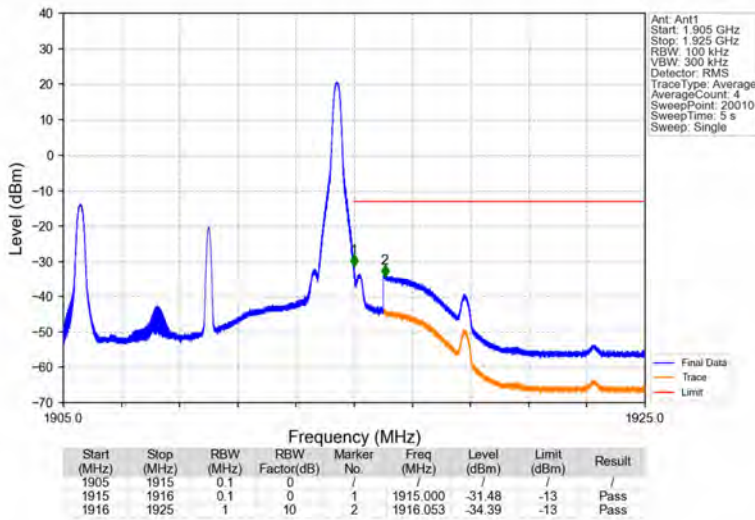
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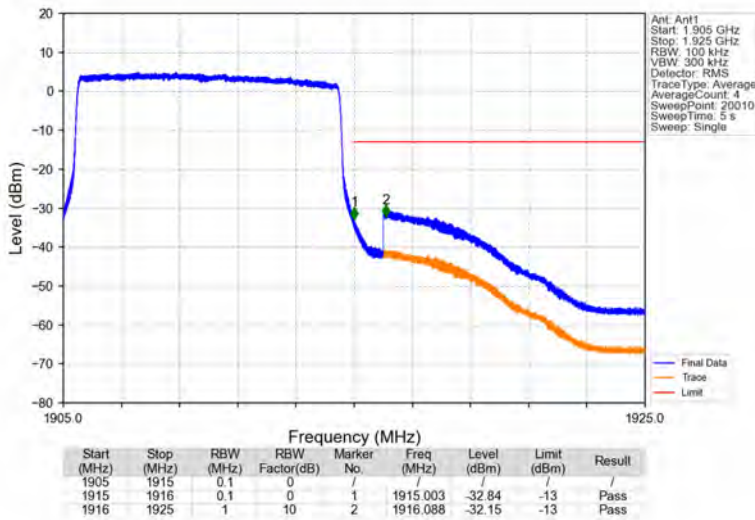


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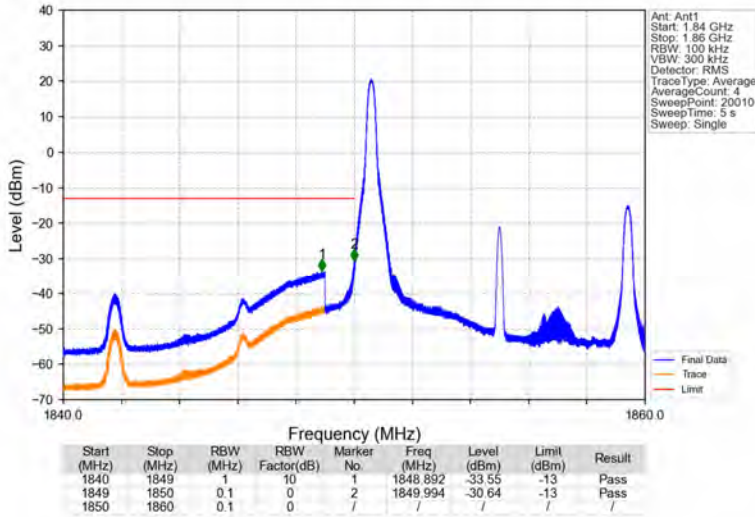


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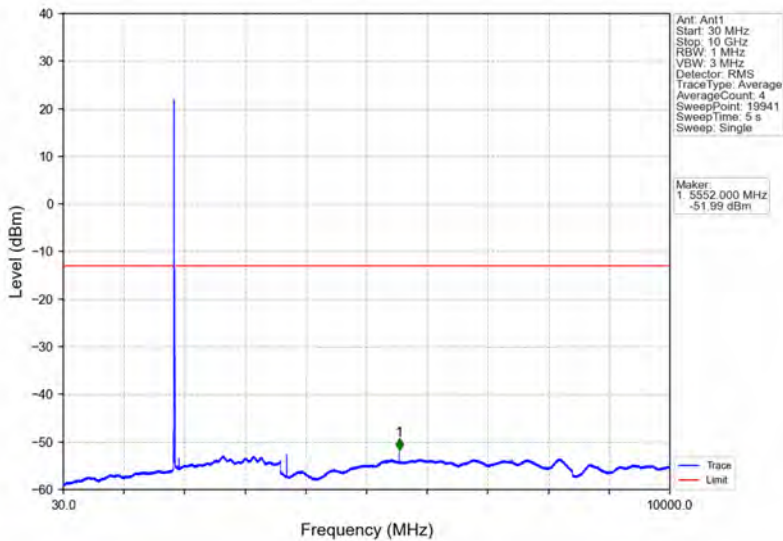
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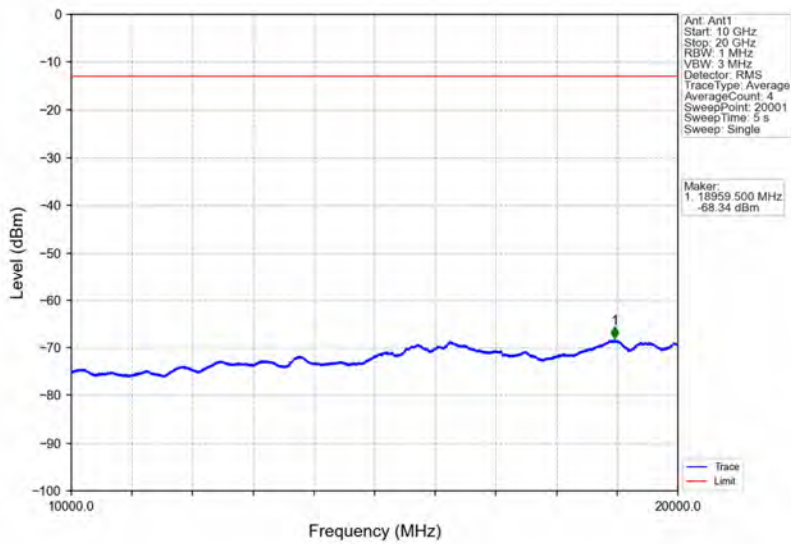
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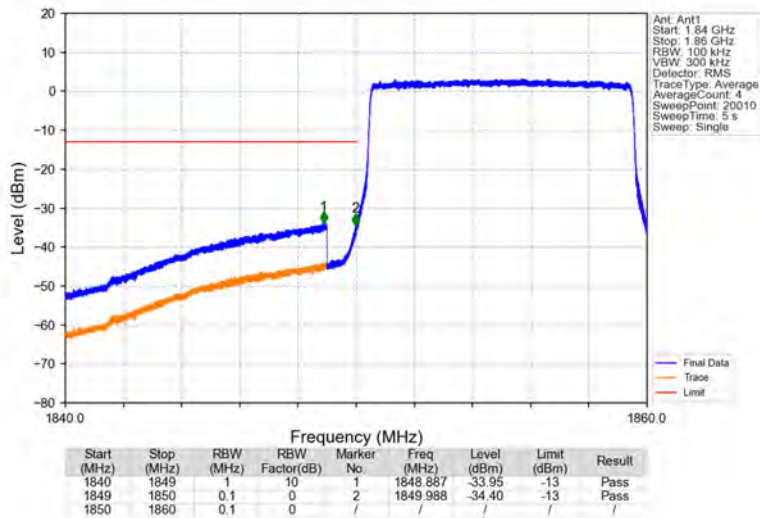


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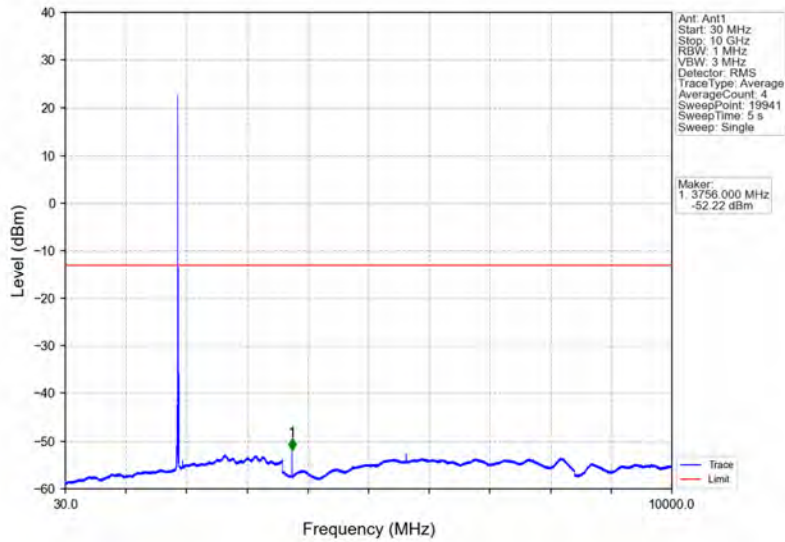


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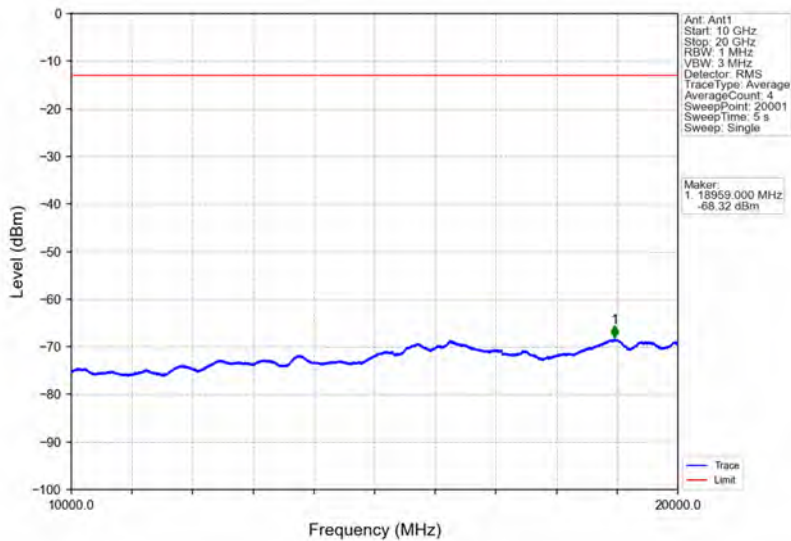
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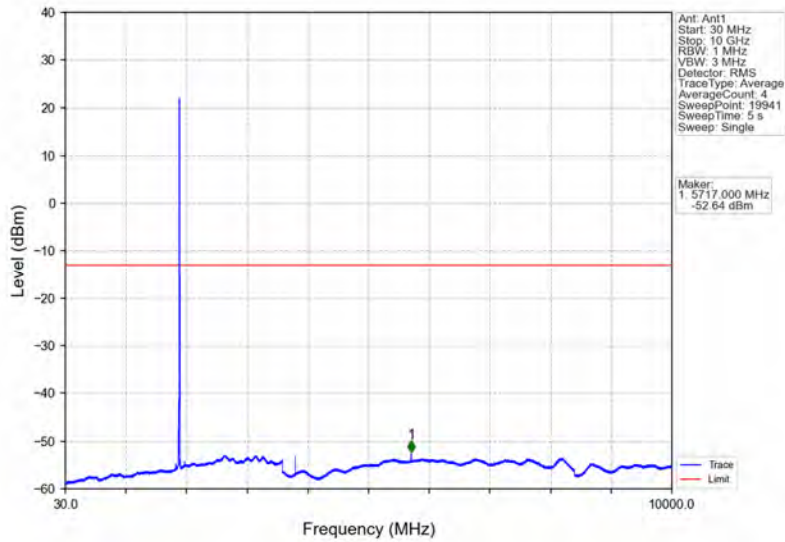
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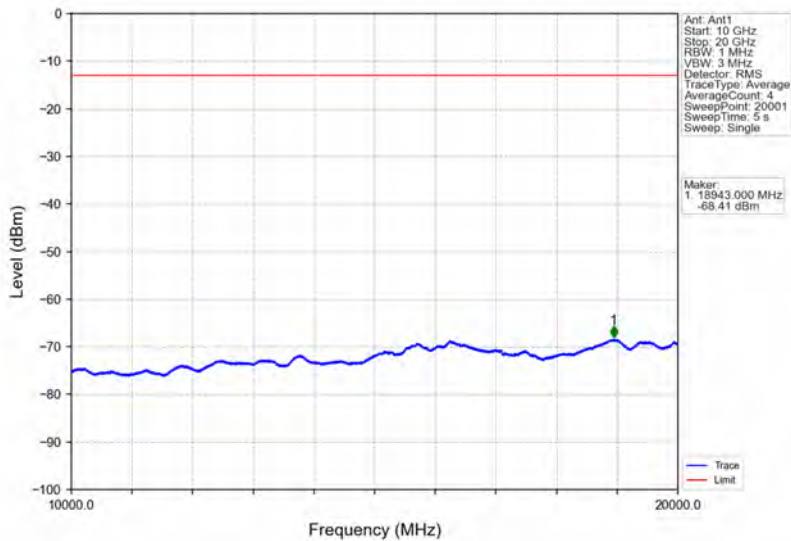
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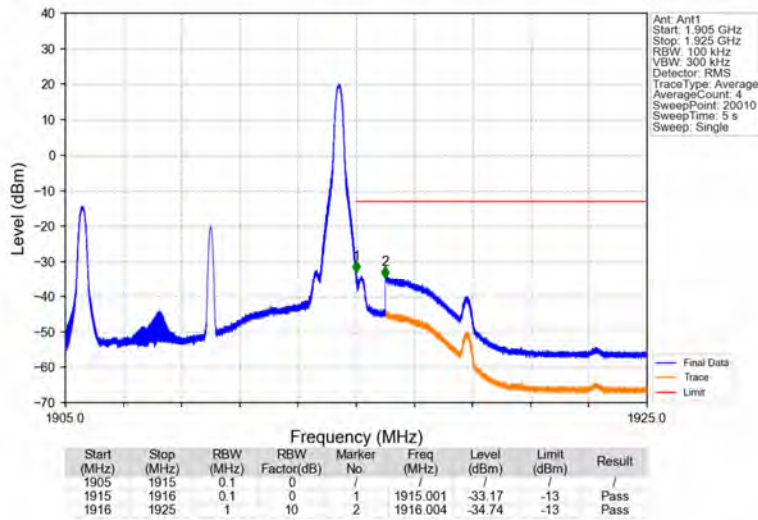
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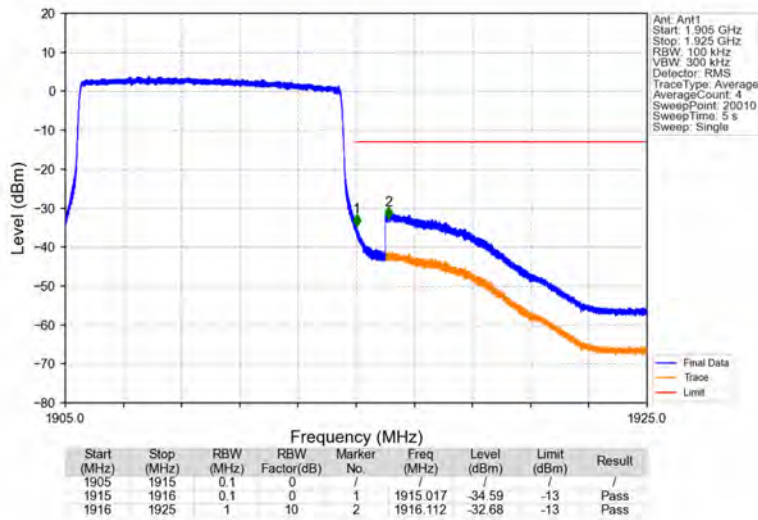


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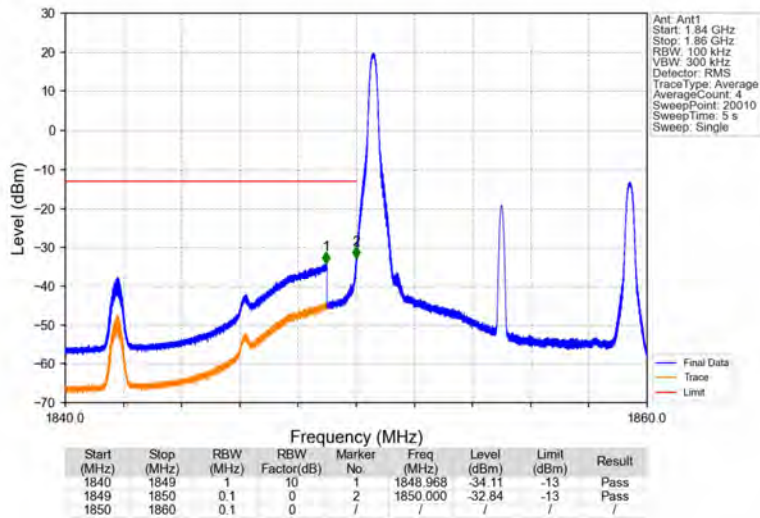
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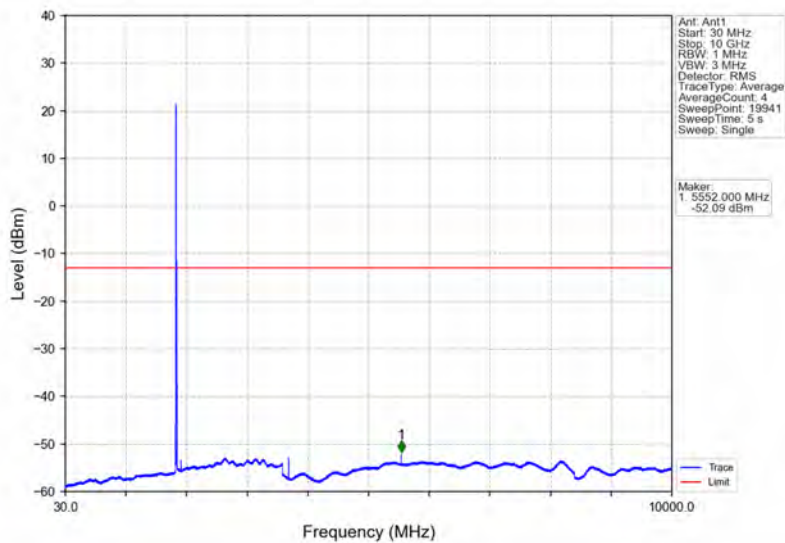
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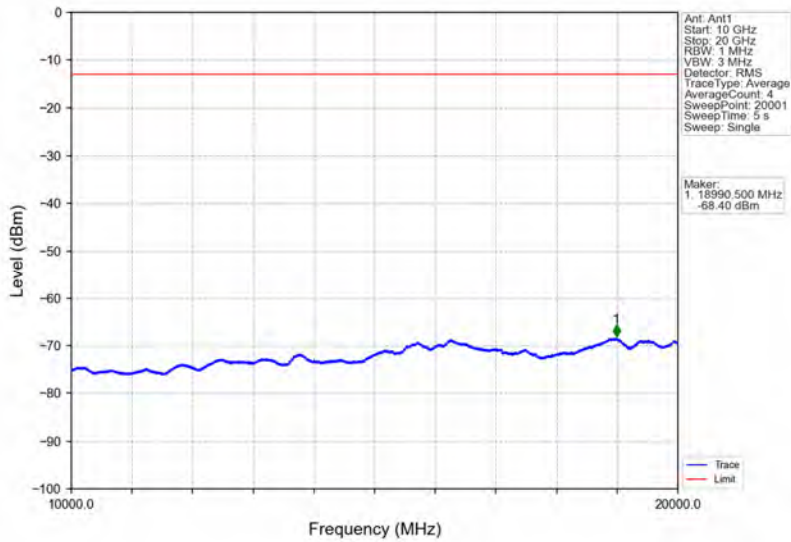
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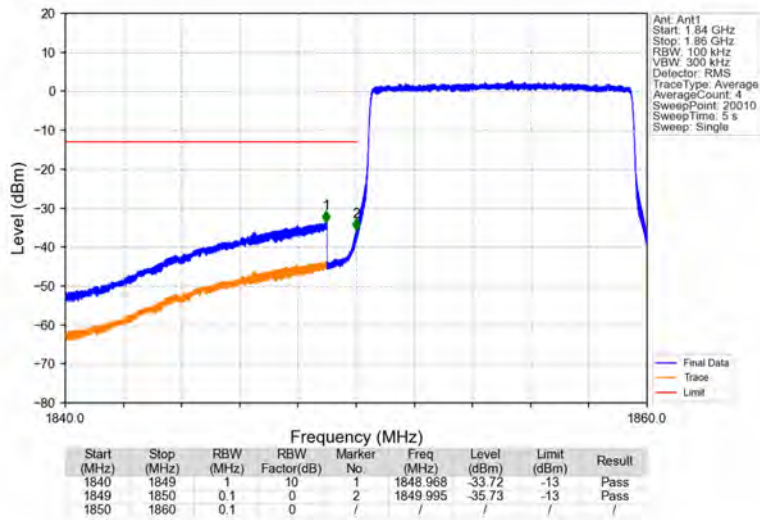
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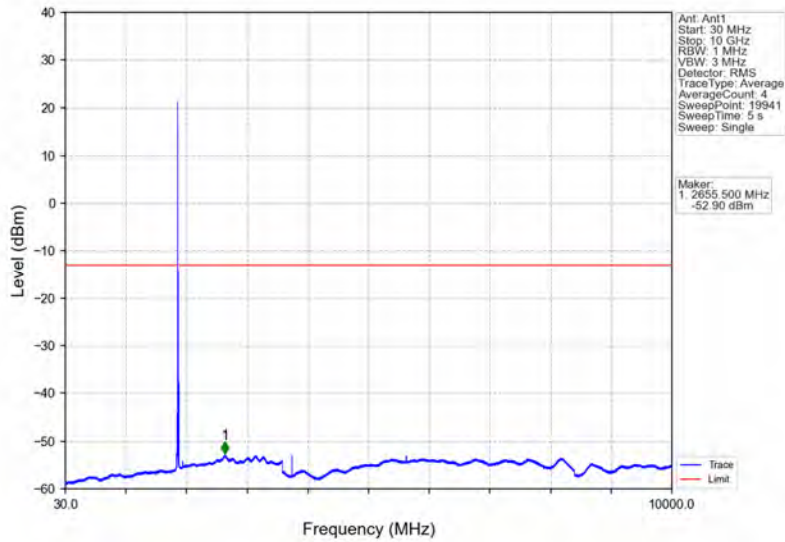
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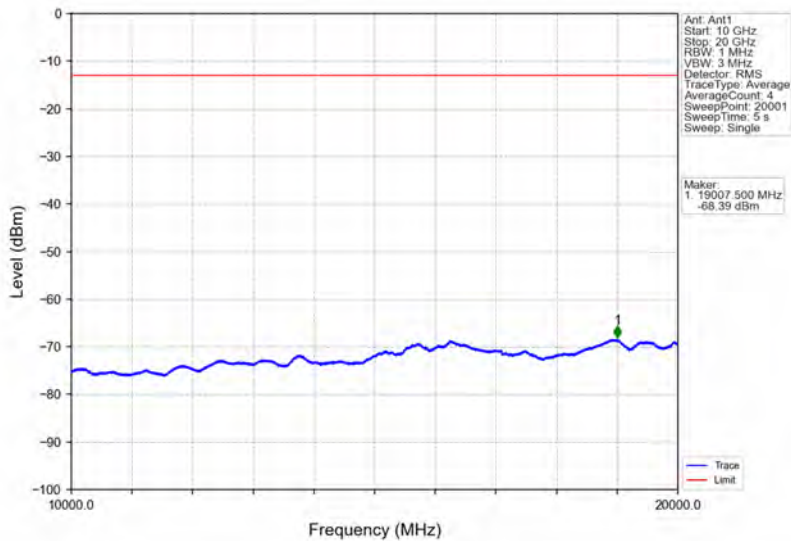
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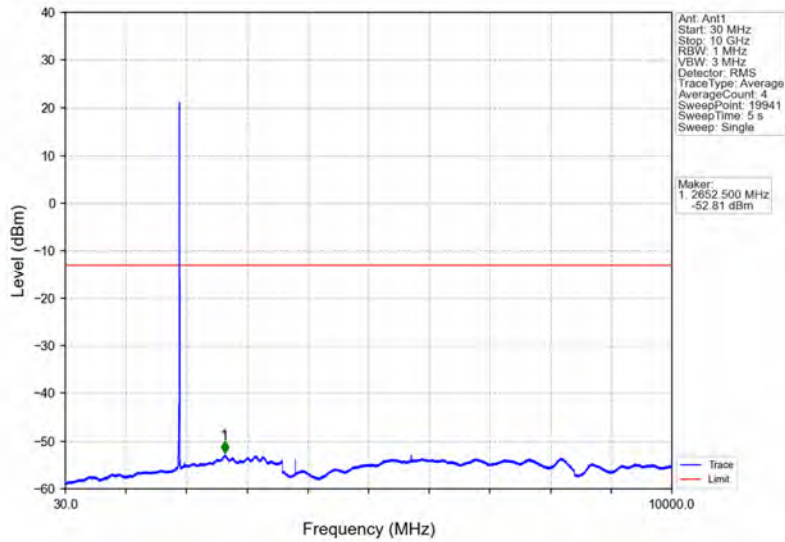
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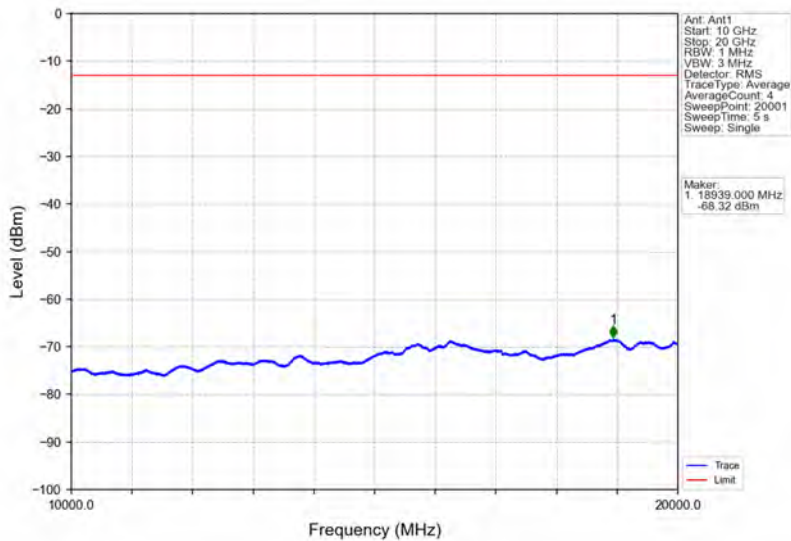


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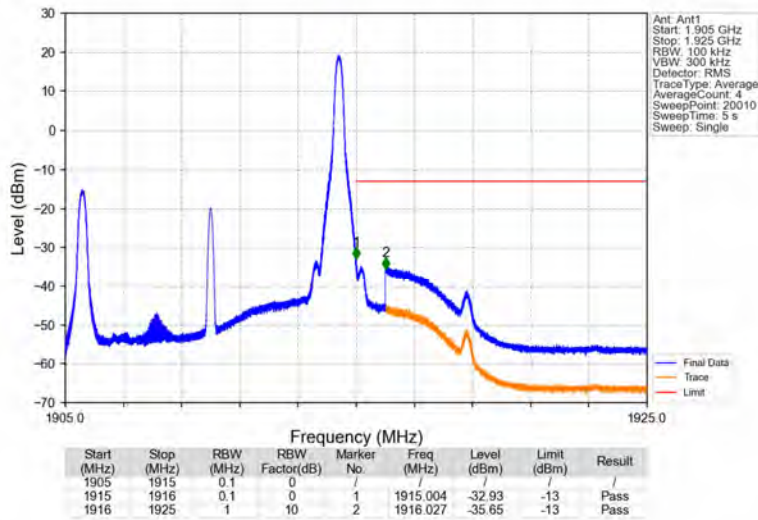
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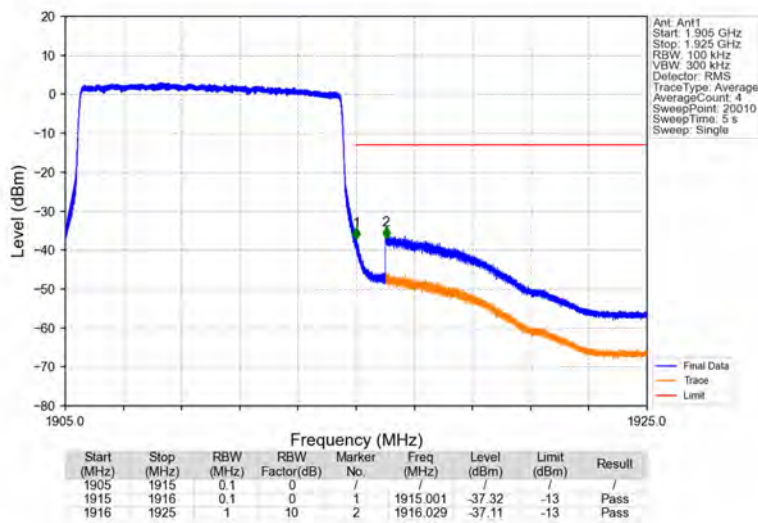
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Band25_10MHz_64QAM_HCH_1910MHz_RB_1_49_NTNV



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6.5 B25_15MHz

6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1857.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1907.5	1	0	Refer To Test Graph		Pass
			74		Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	
16QAM	1857.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1907.5	1	0	Refer To Test Graph		Pass
			74		Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	
64QAM	1857.5	1	0	Refer To Test Graph		Pass	
		75	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1907.5	1	0	Refer To Test Graph		Pass
			74		Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass	

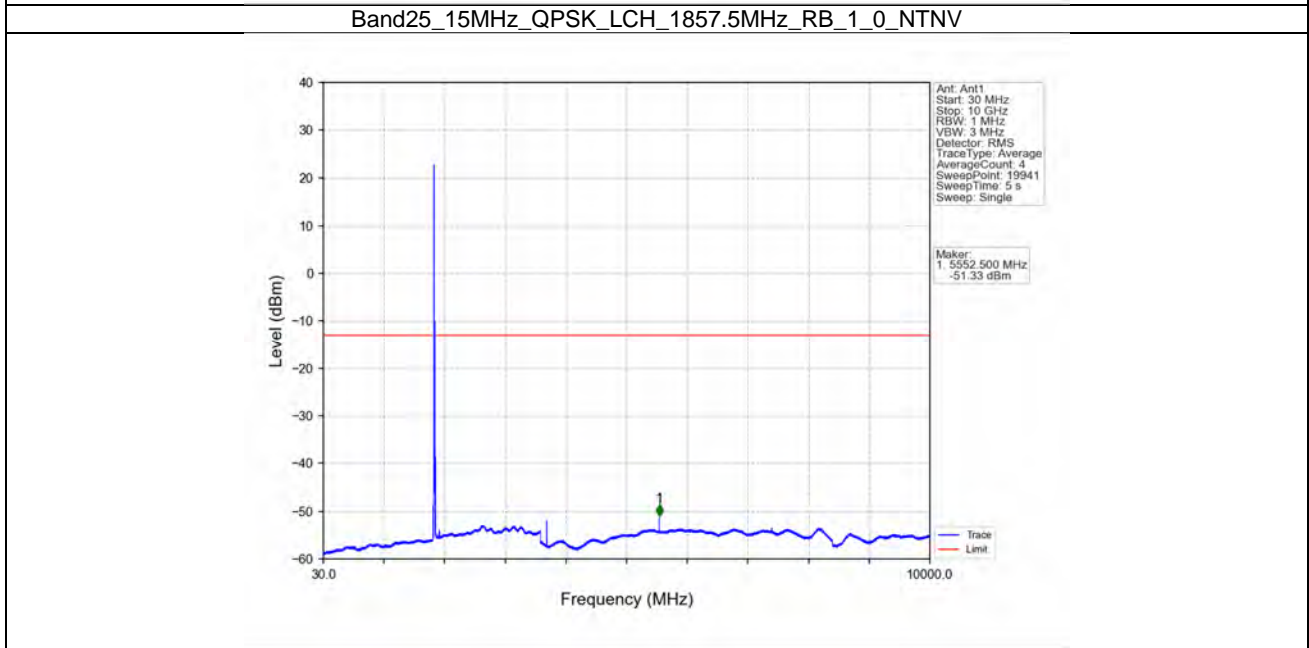
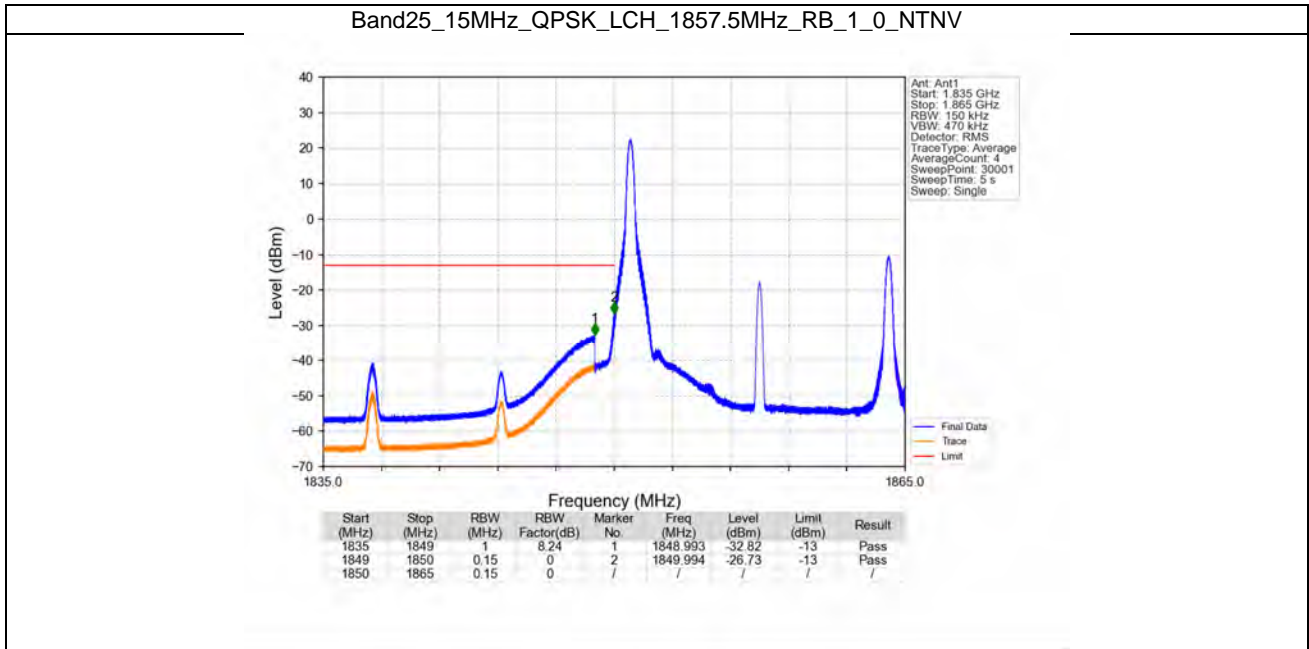


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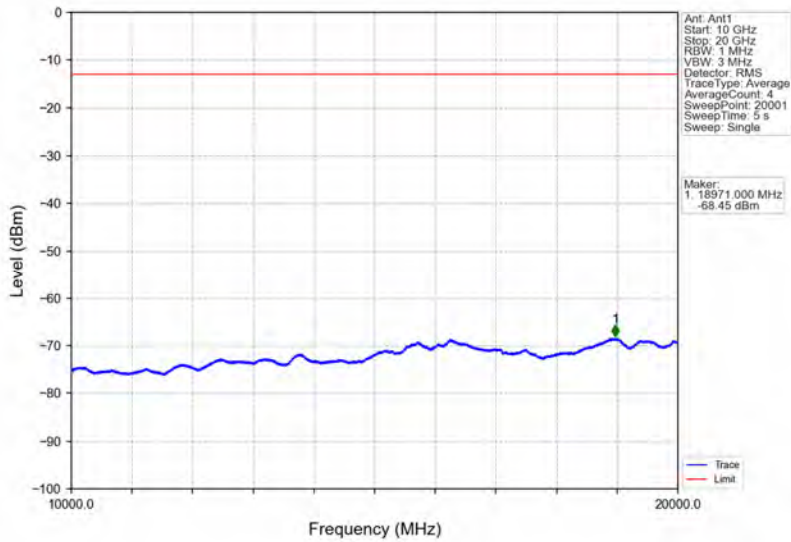
6.5.2 Test Graph



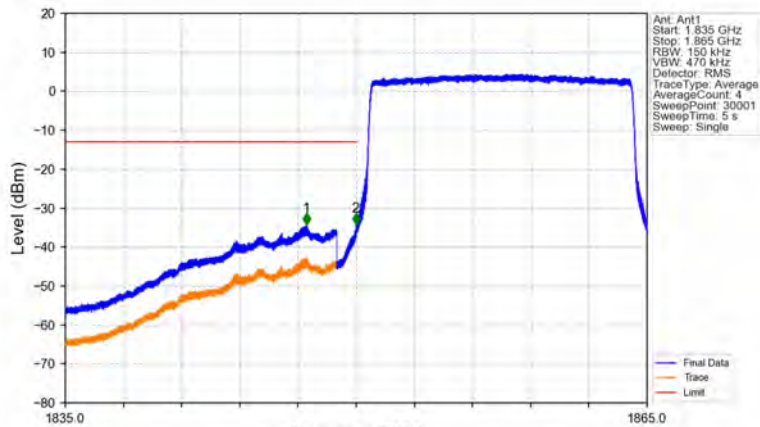
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Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	8.24	1	1847.433	-34.36	-13	Pass
1849	1850	0.15	0	2	1849.986	-34.28	-13	Pass
1850	1865	0.15	0	/	/	/	/	/



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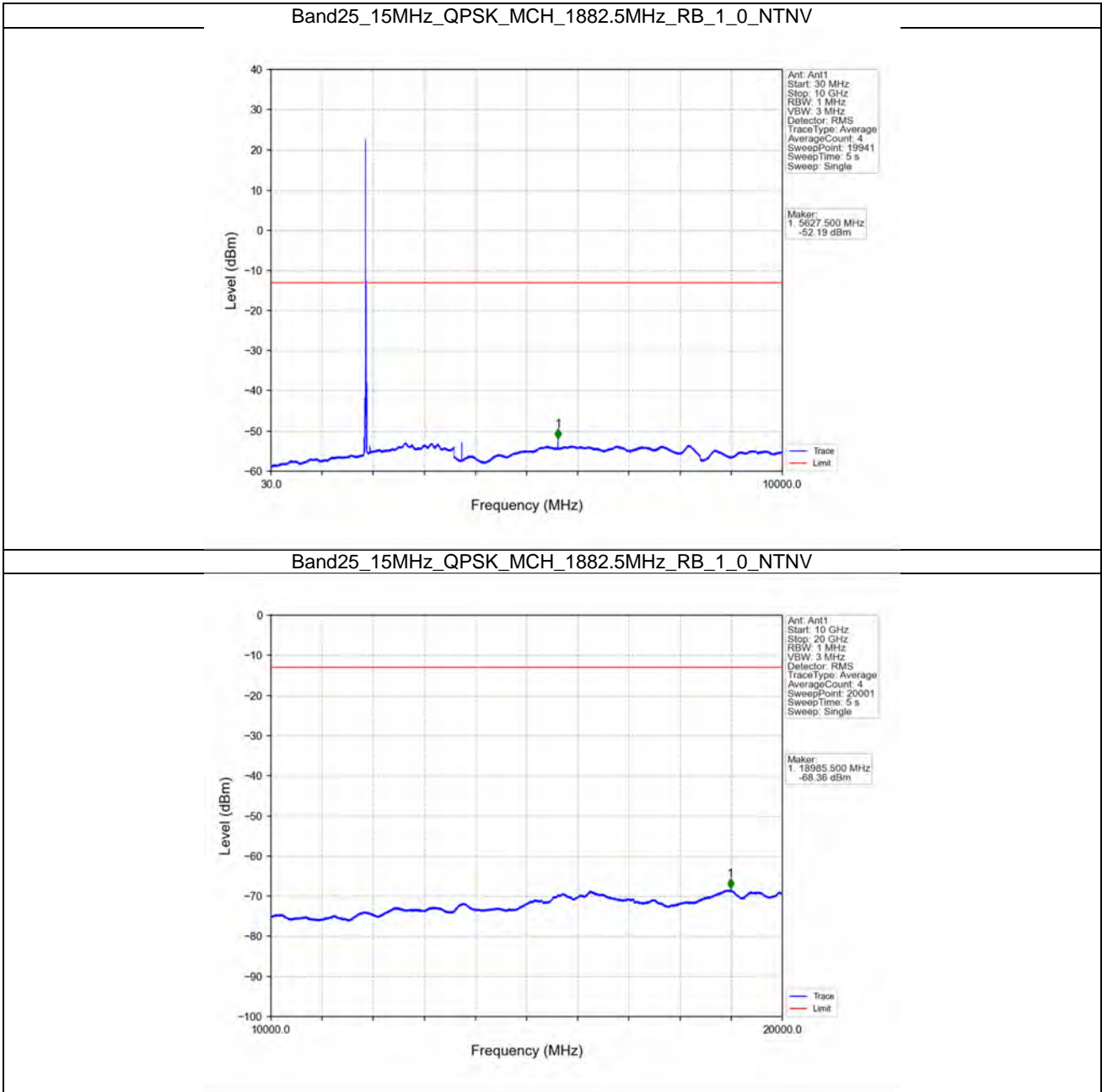
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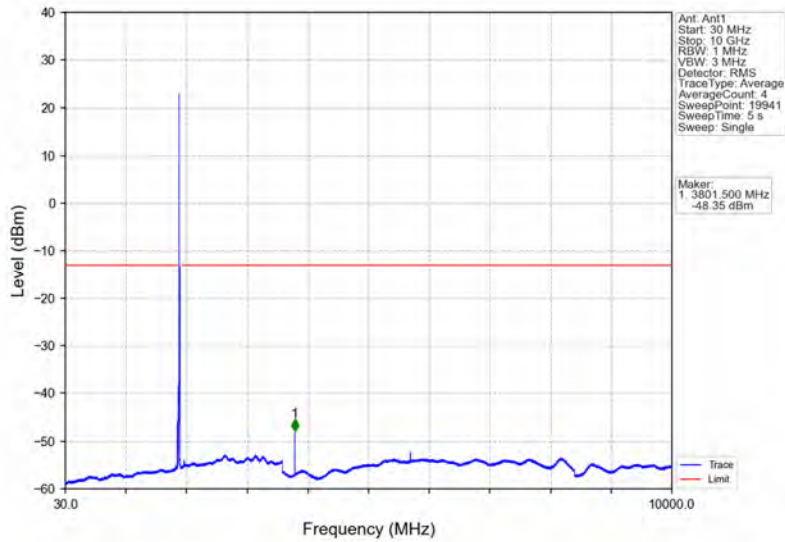
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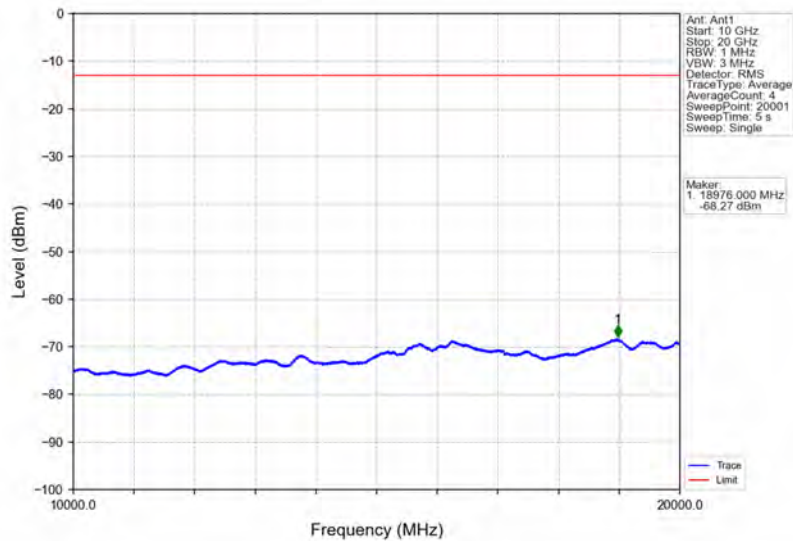
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



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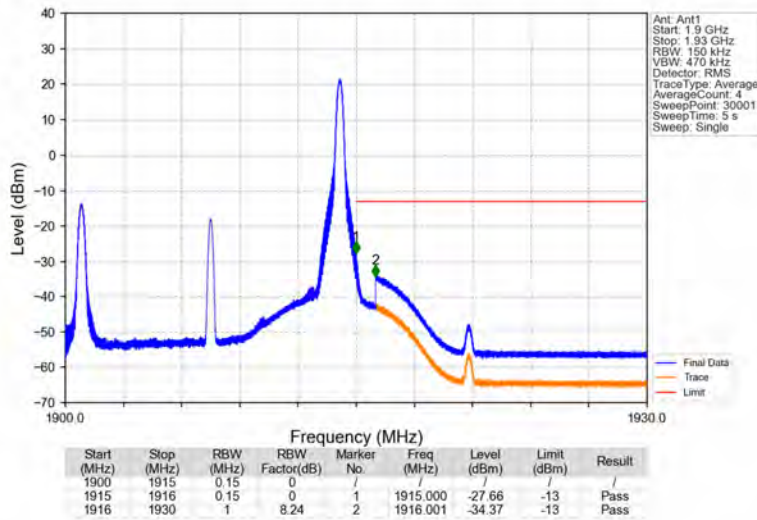
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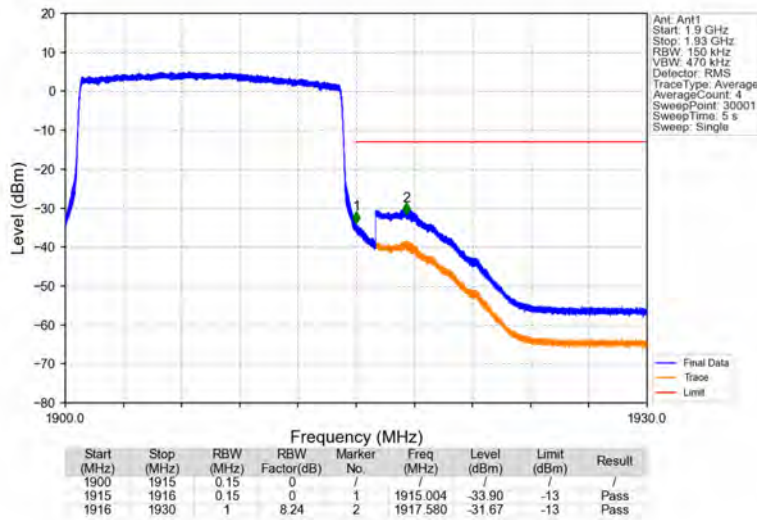
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



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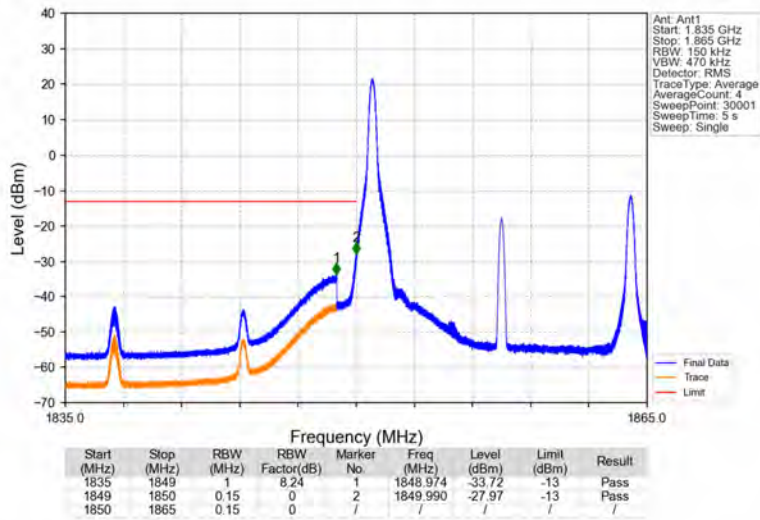
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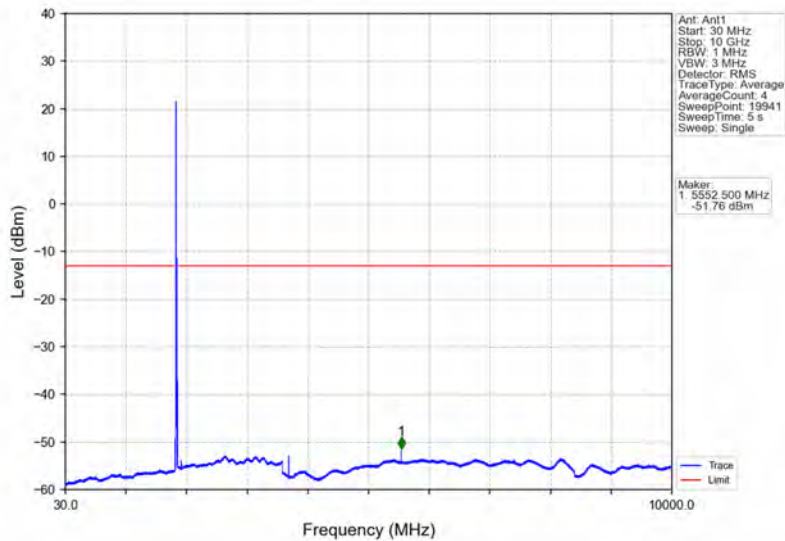
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



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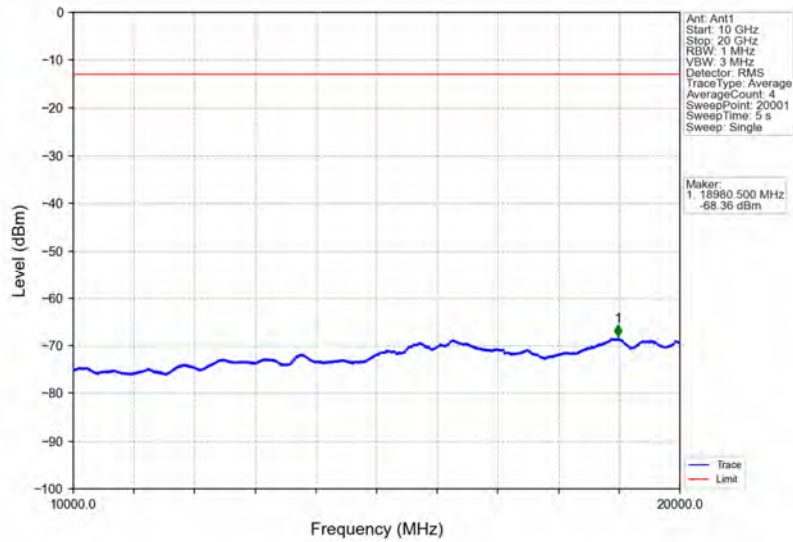
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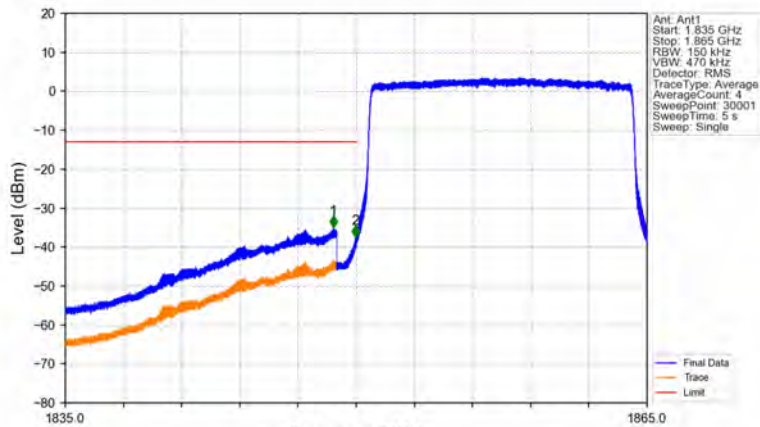
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	8.24	1	1848.826	-35.03	-13	Pass
1849	1850	0.15	0	2	1849.977	-37.46	-13	Pass
1850	1865	0.15	0	/	/	/	/	/



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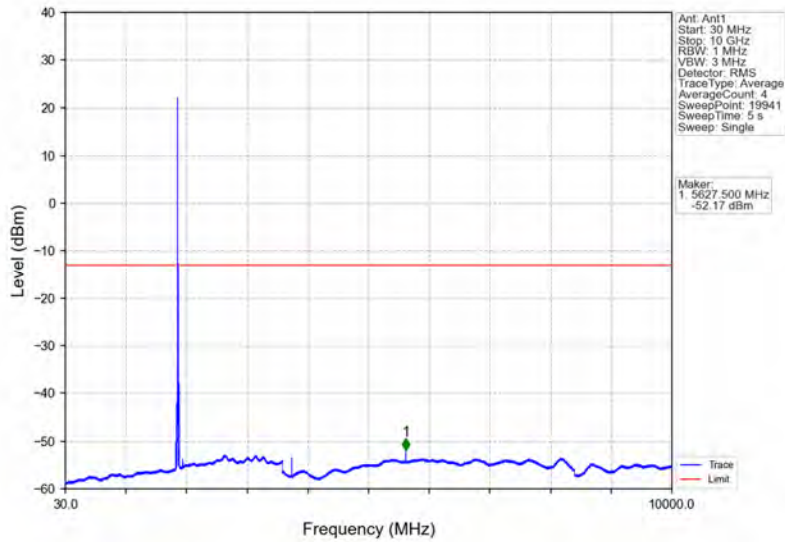
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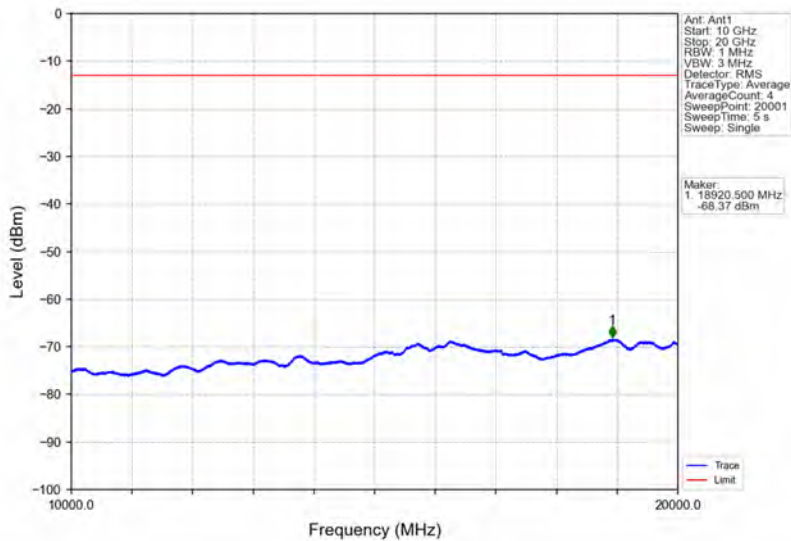
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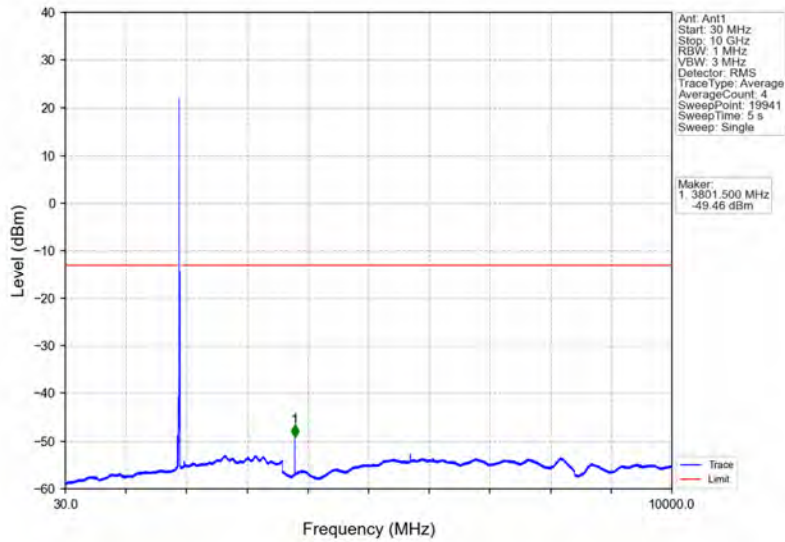
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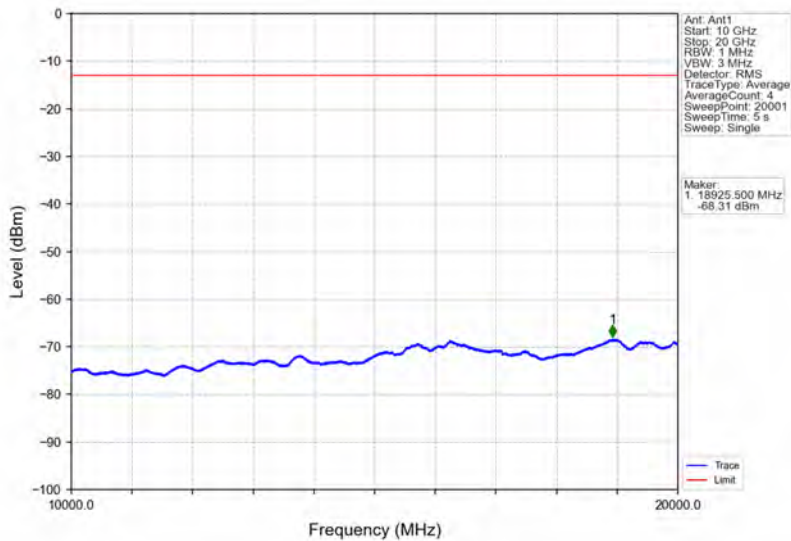


Compliance Certification Services (Kunshan) Inc.
EMC Laboratory

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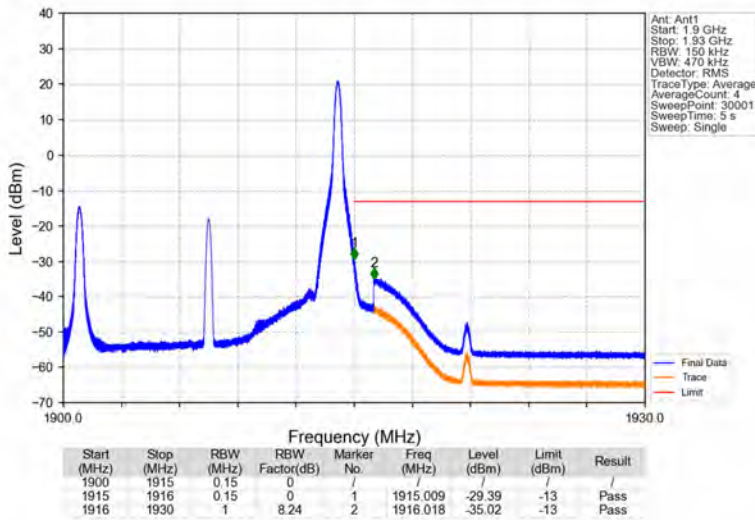
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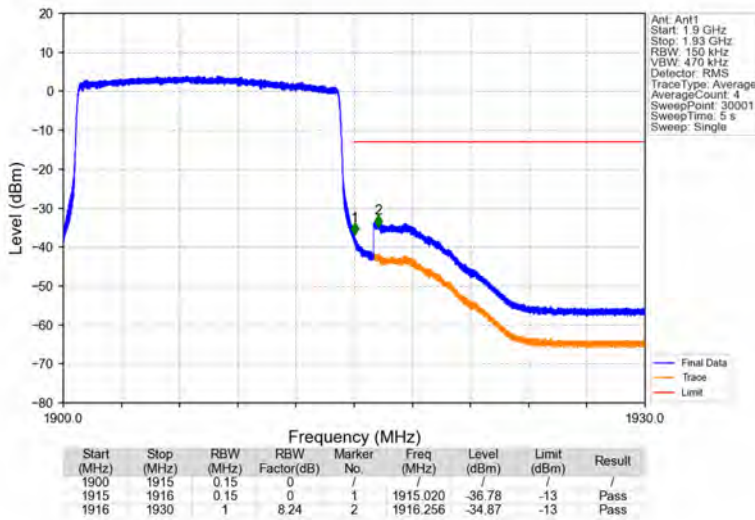
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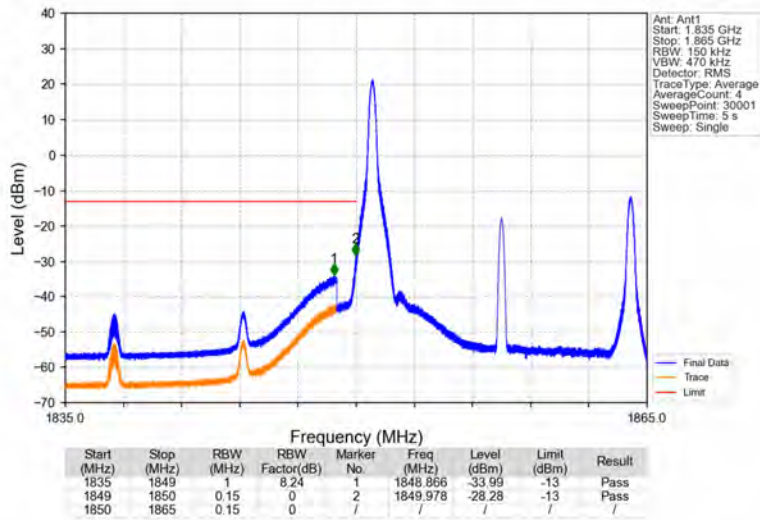
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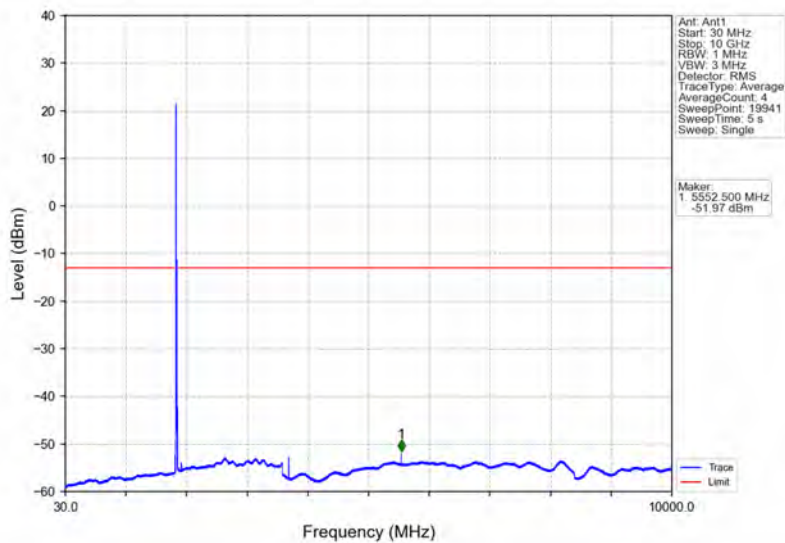
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Band25_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_64QAM_LCH_1857.5MHz_RB_1_0_NTNV



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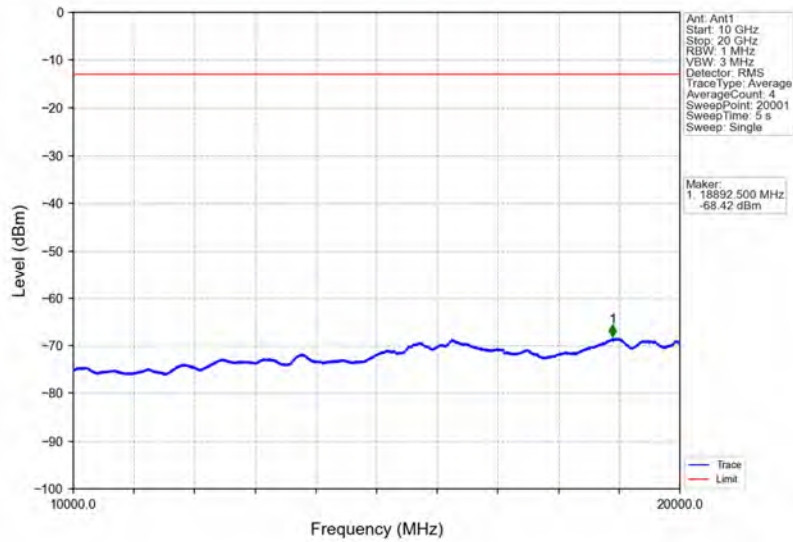
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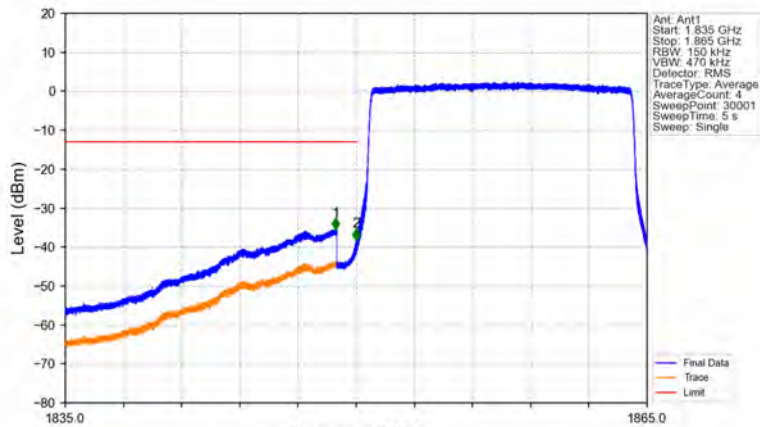
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Band25_15MHz_64QAM_LCH_1857.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	8.24	1	1848.953	-35.58	-13	Pass
1849	1850	0.15	0	2	1850.000	-38.29	-13	Pass
1850	1865	0.15	0	/	/	/	/	/



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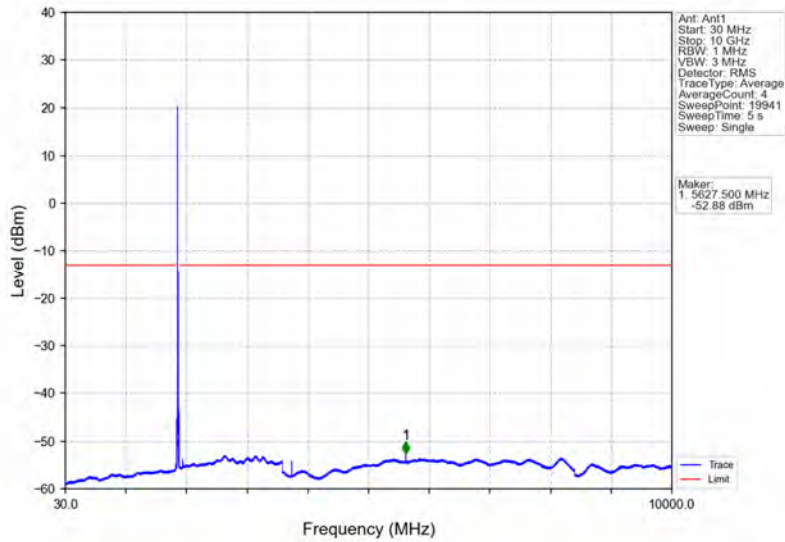
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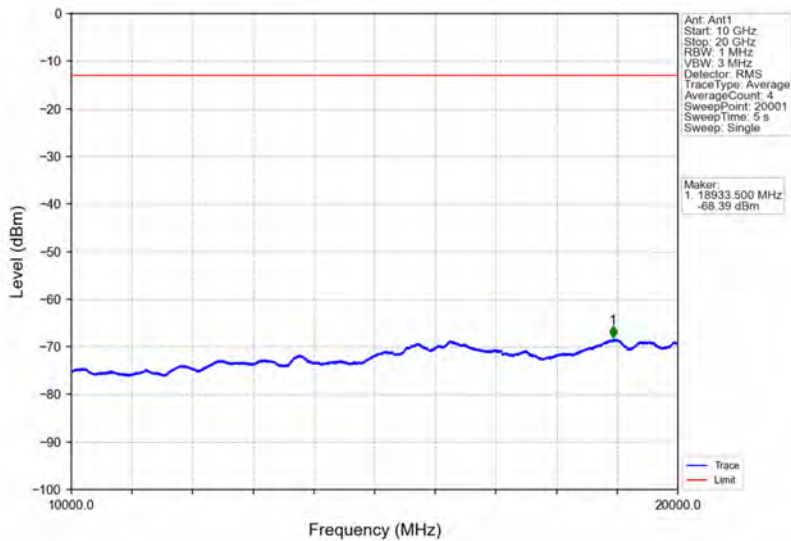
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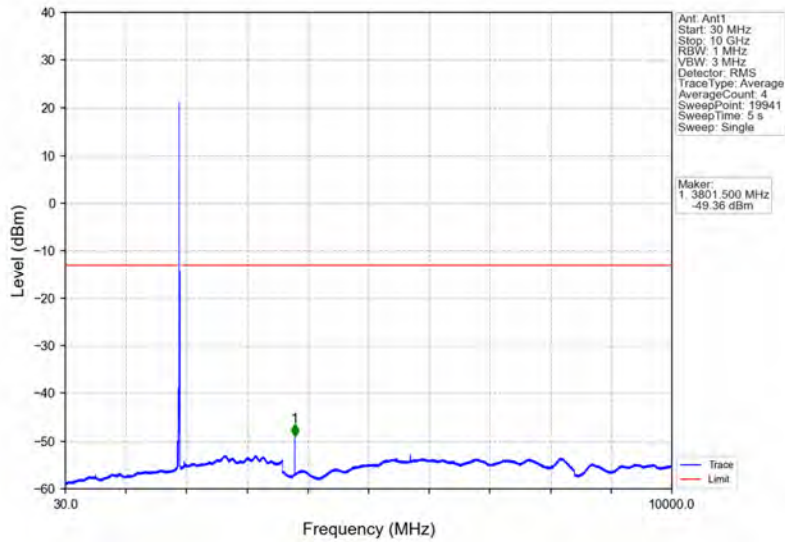
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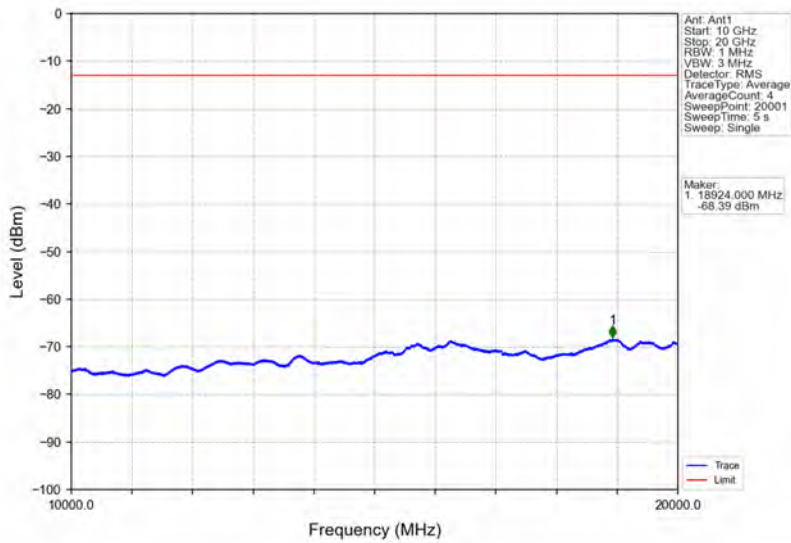


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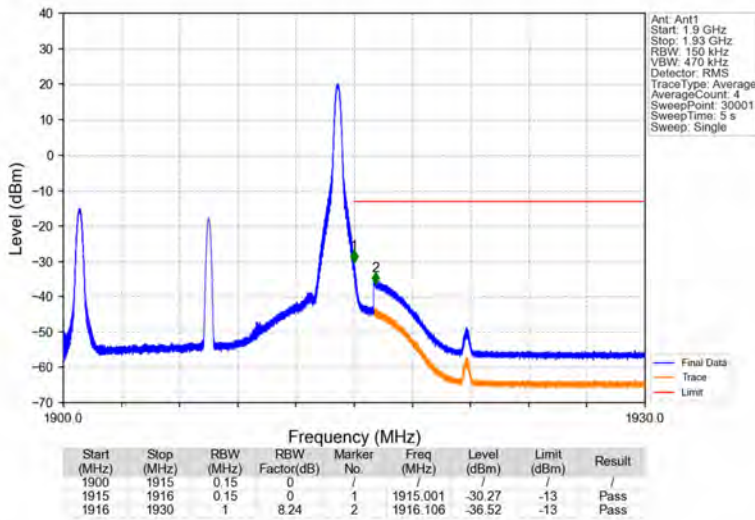
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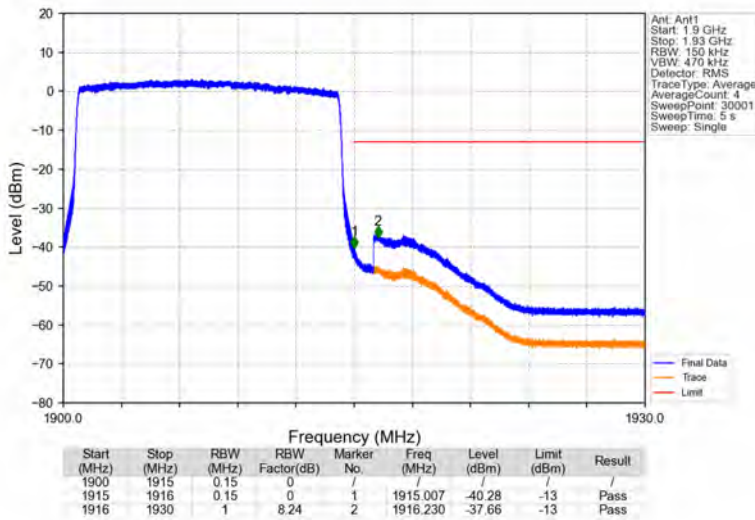


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6.6 B25_20MHz

6.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
			100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
			100	0	Refer To Test Graph		Pass
64QAM	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1882.5	1	0	Refer To Test Graph		Pass	
		1905	1	0	Refer To Test Graph		Pass
				99	Refer To Test Graph		Pass
			100	0	Refer To Test Graph		Pass



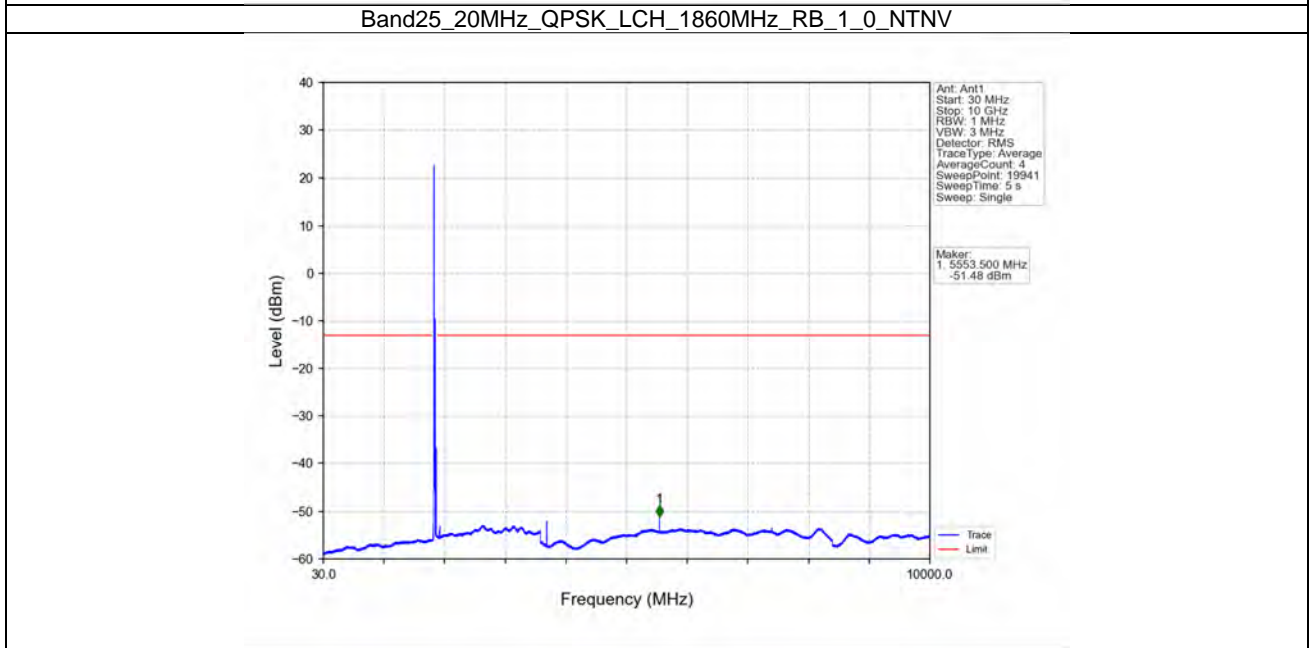
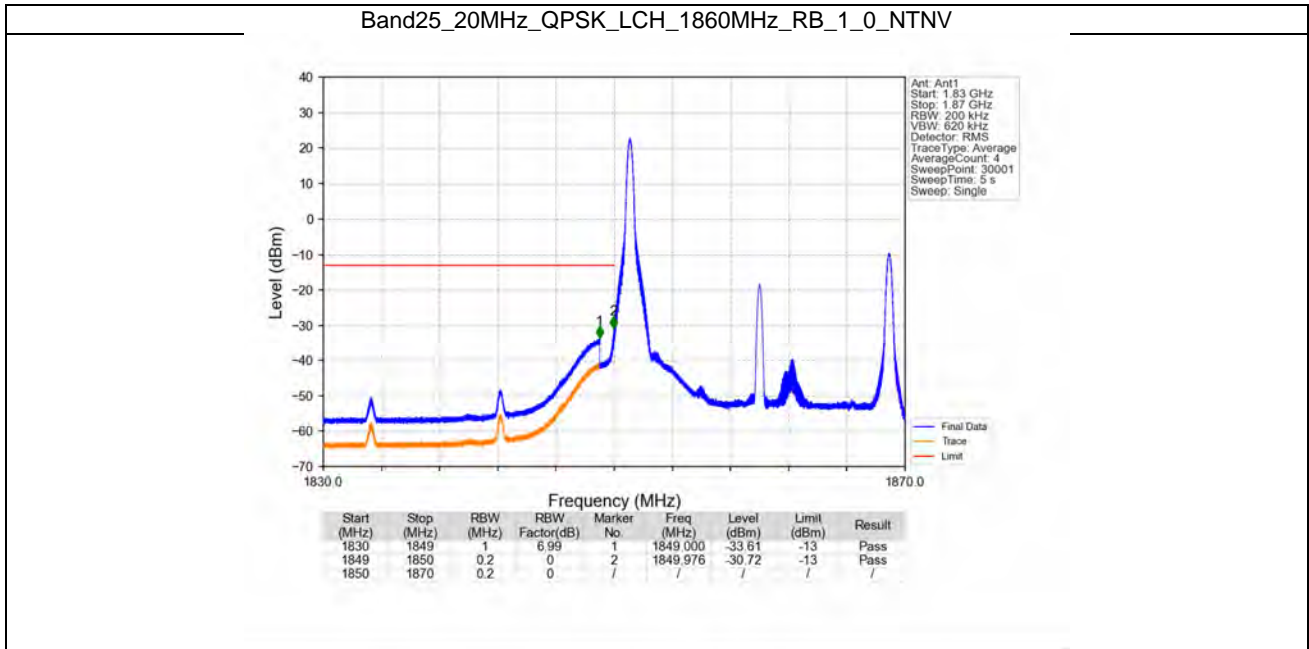
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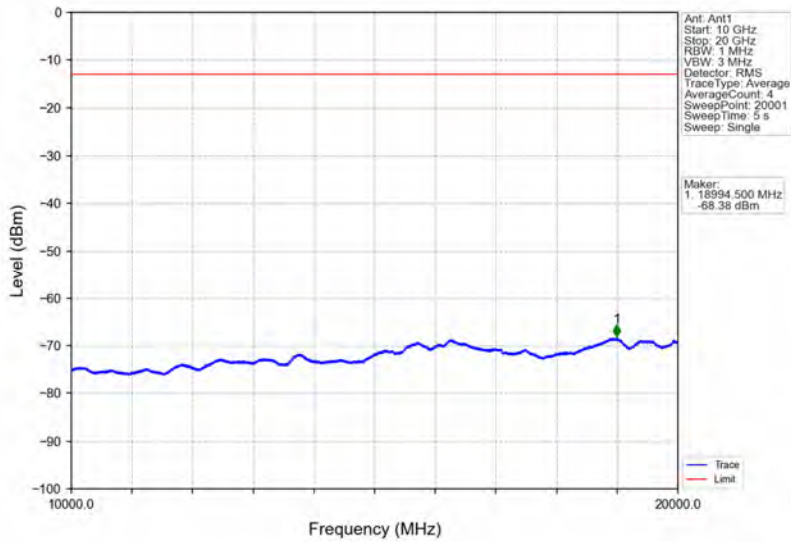
6.6.2 Test Graph



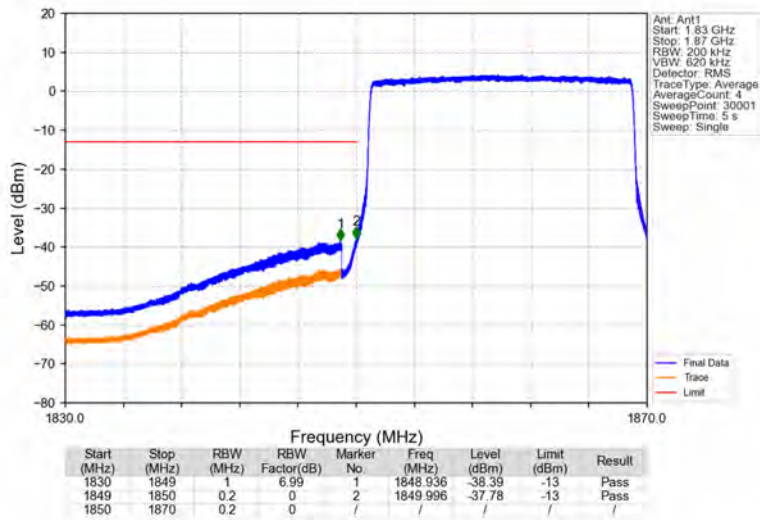
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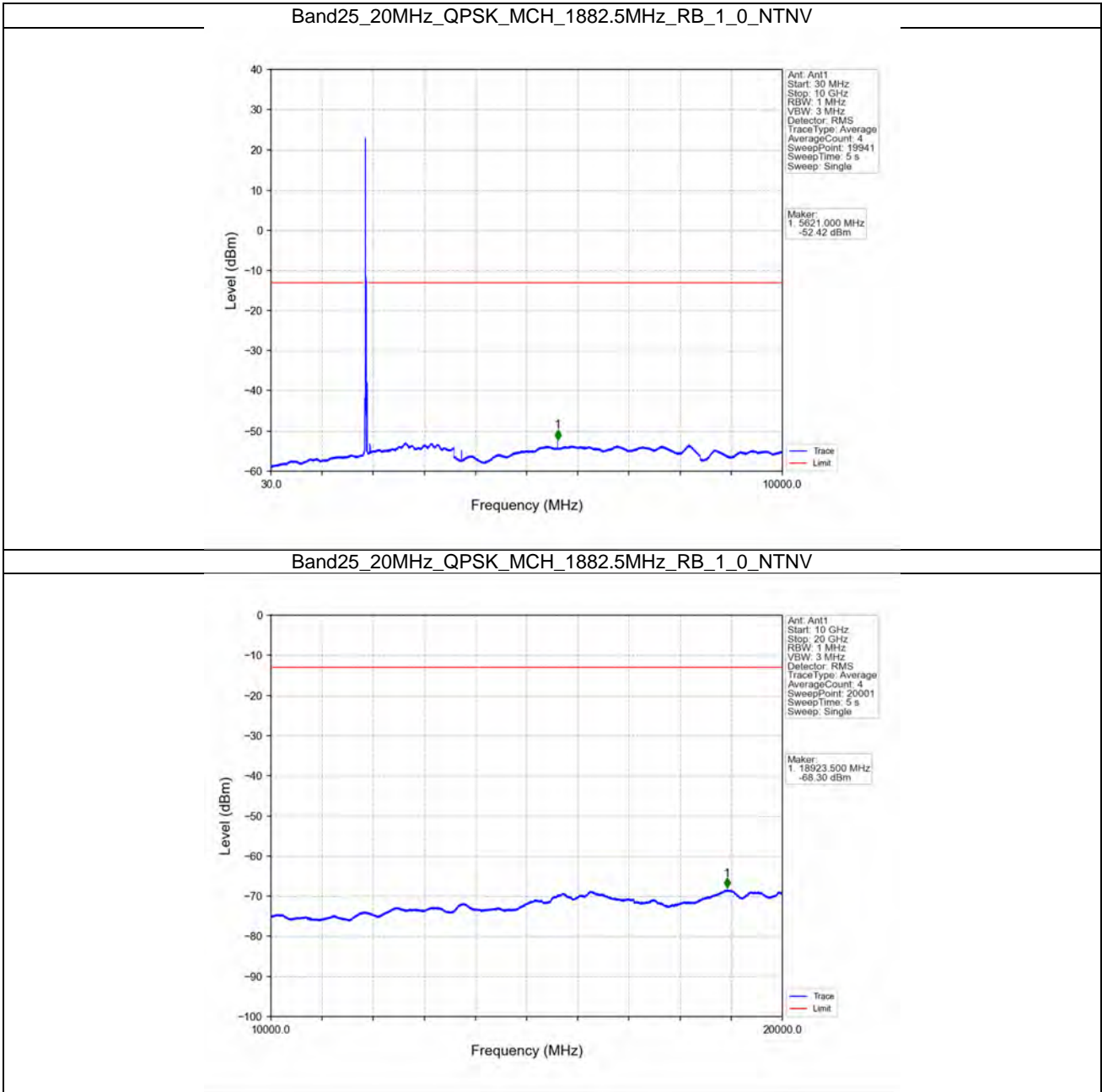
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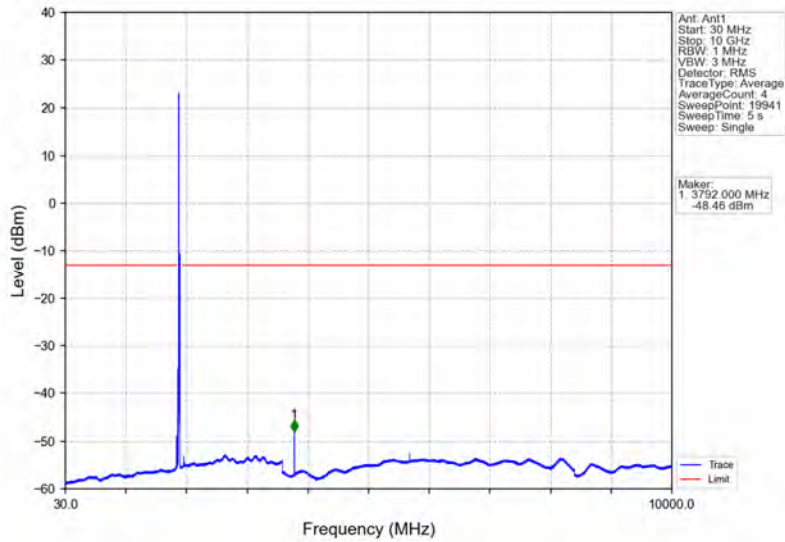
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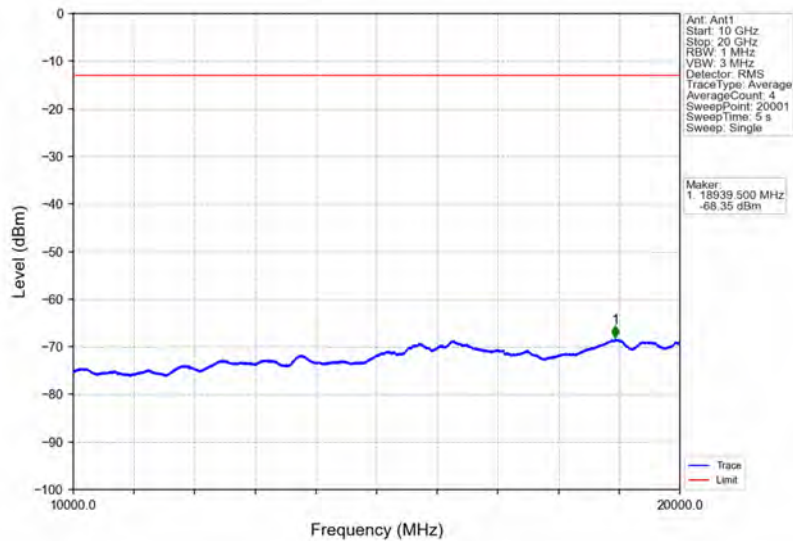
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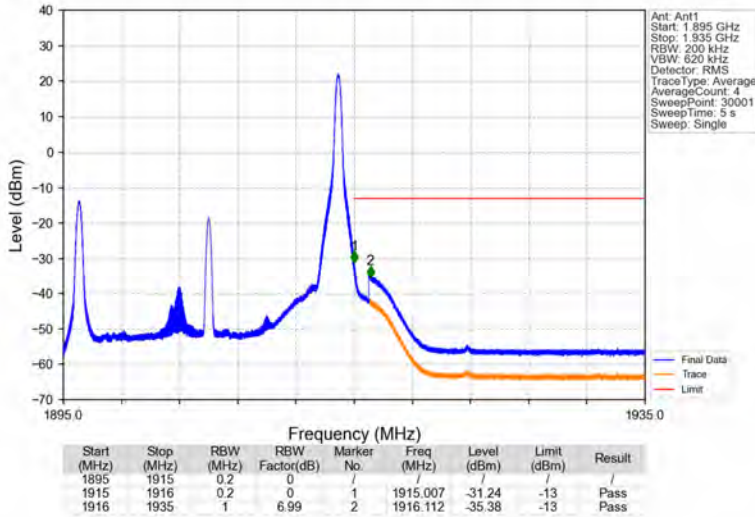
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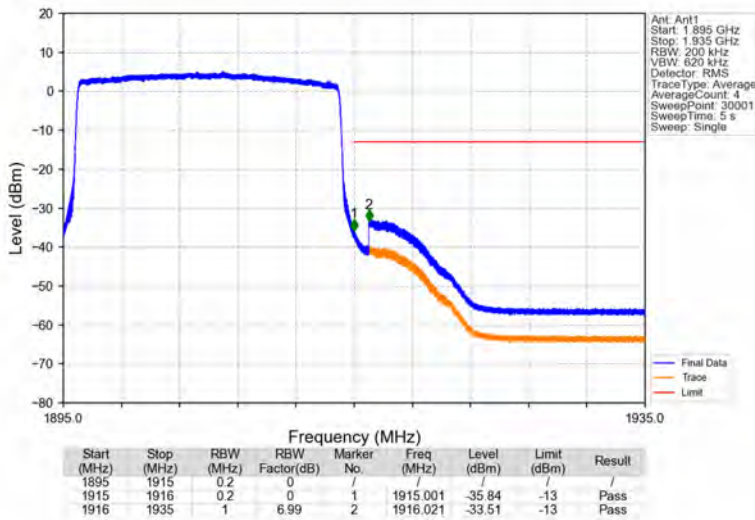
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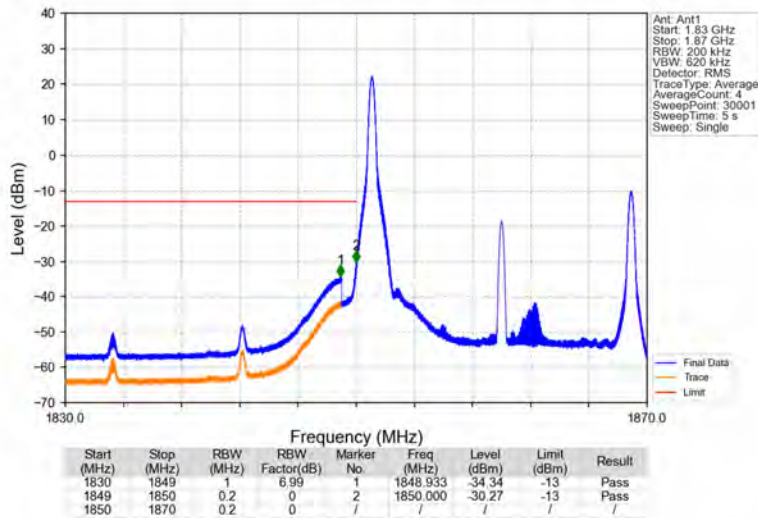
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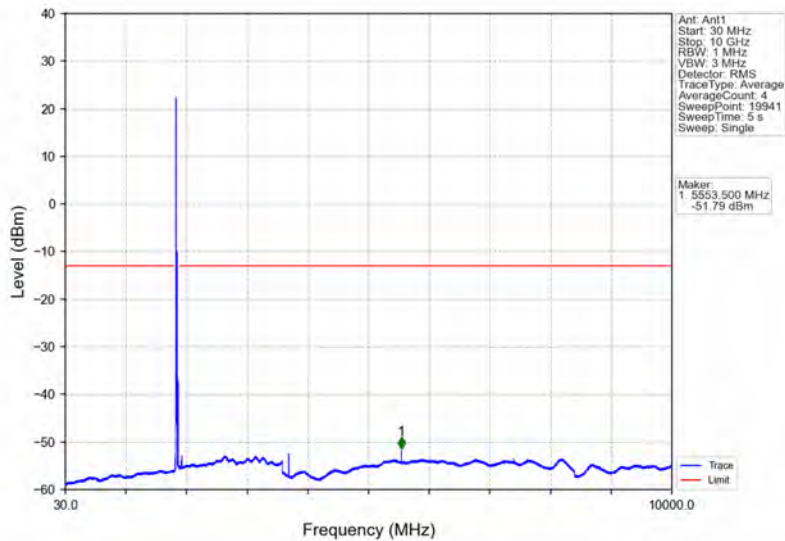
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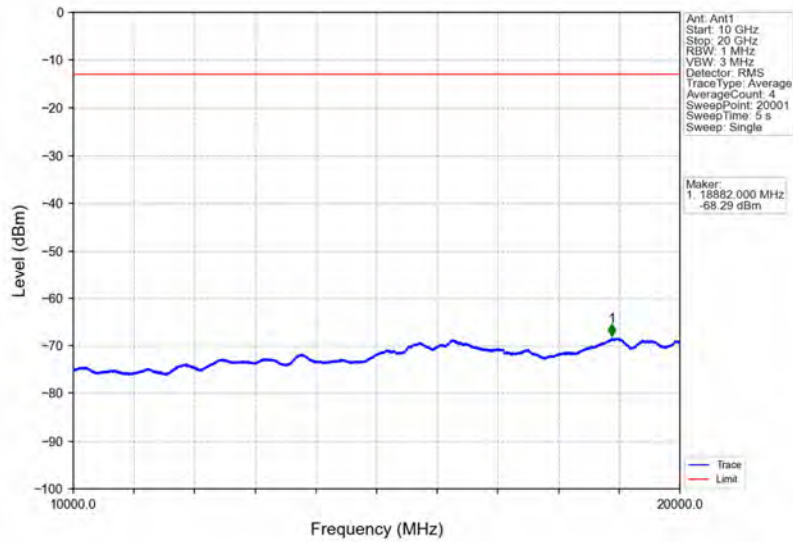
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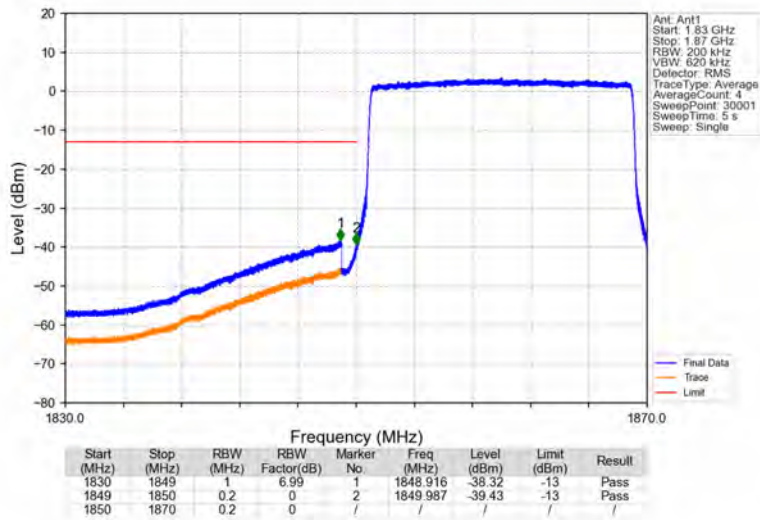


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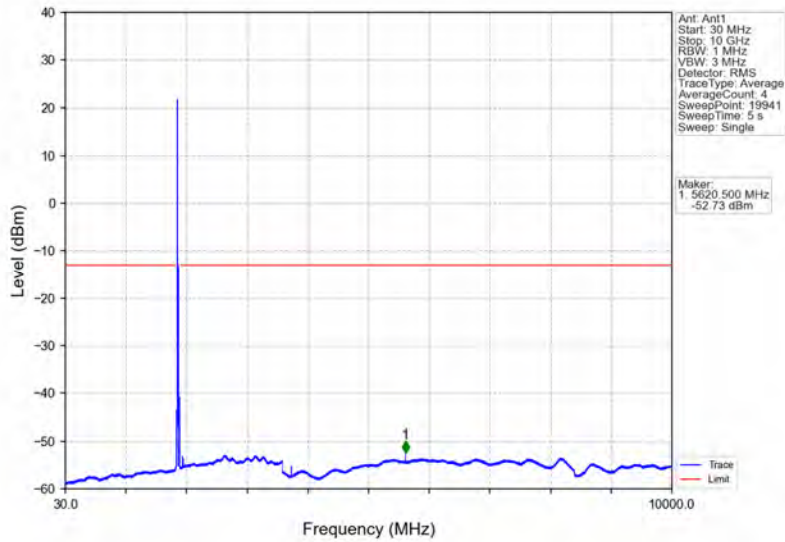
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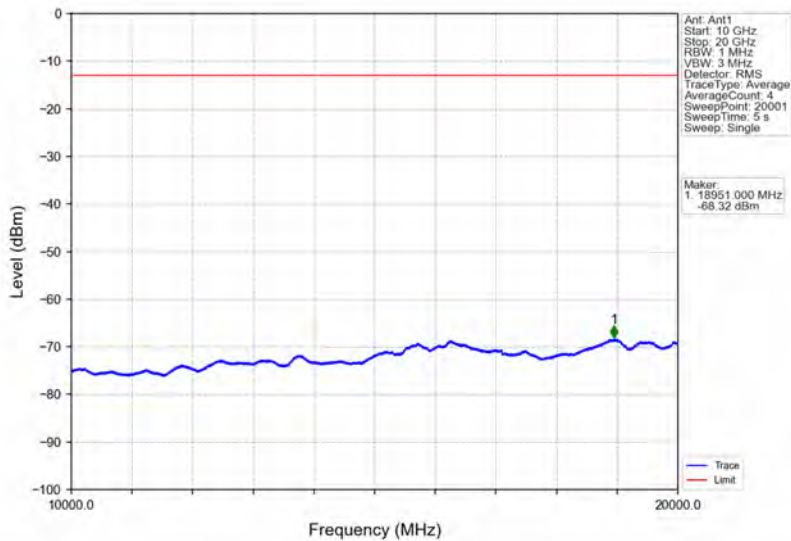
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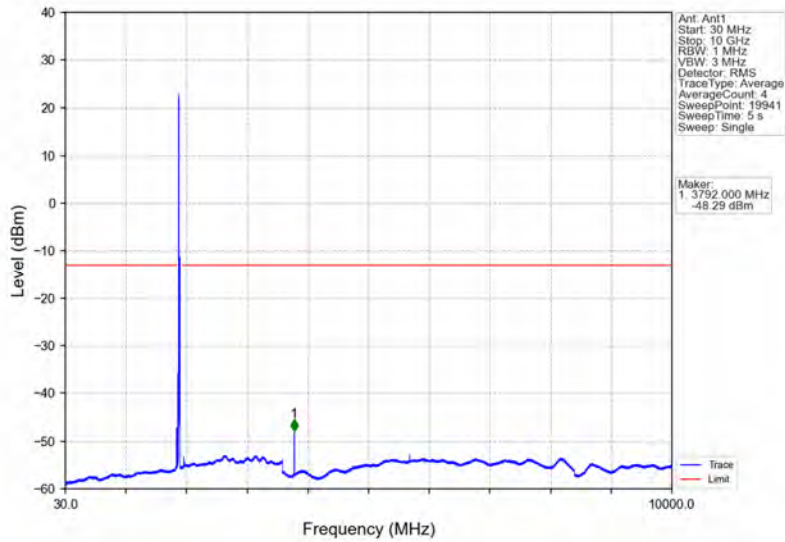
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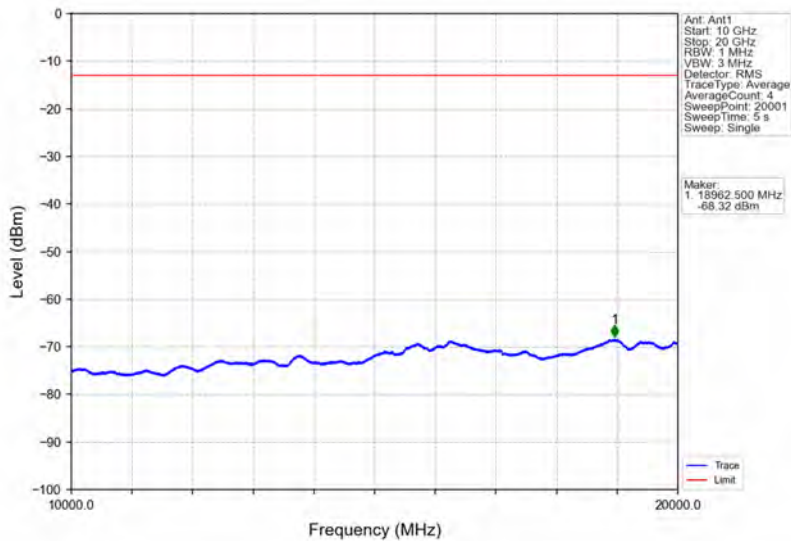
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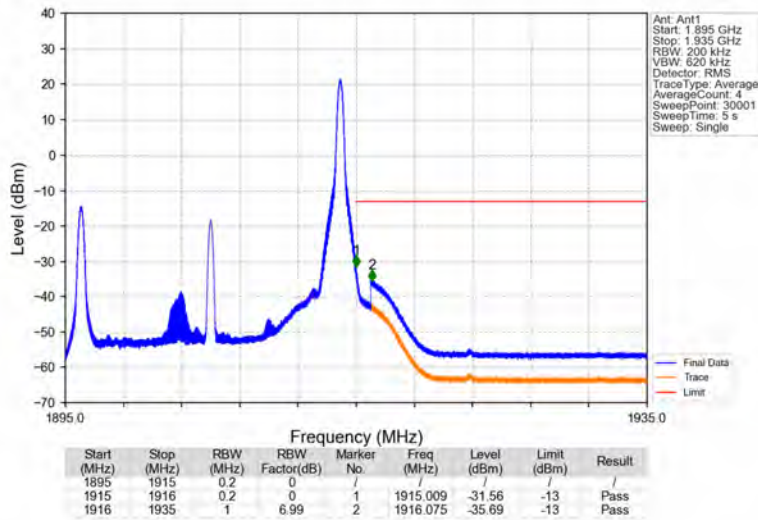
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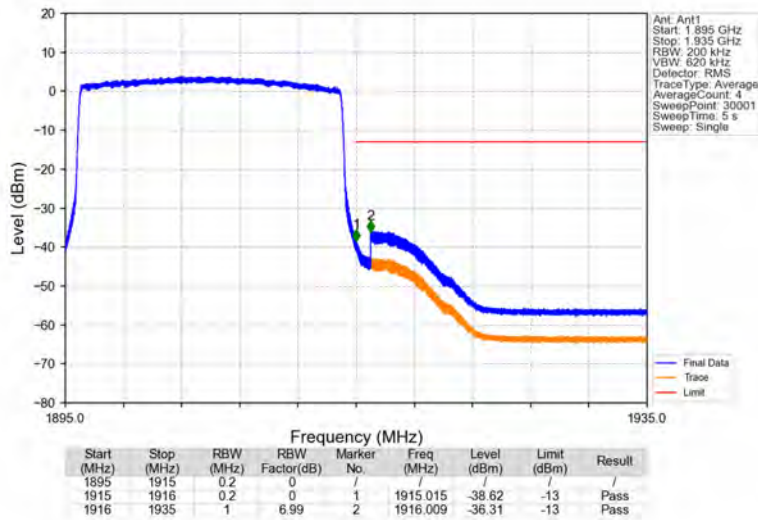


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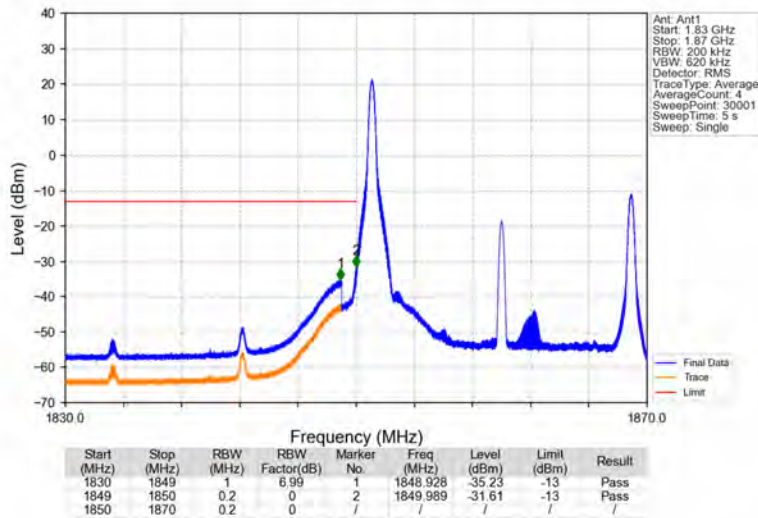
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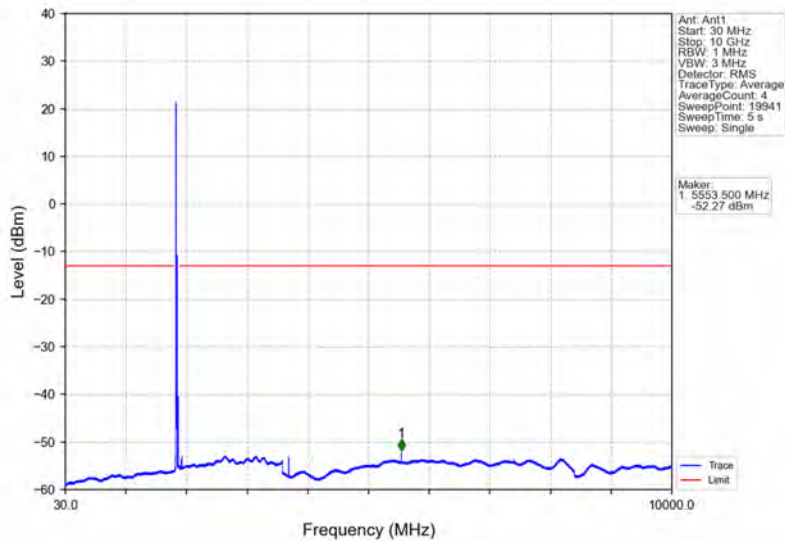
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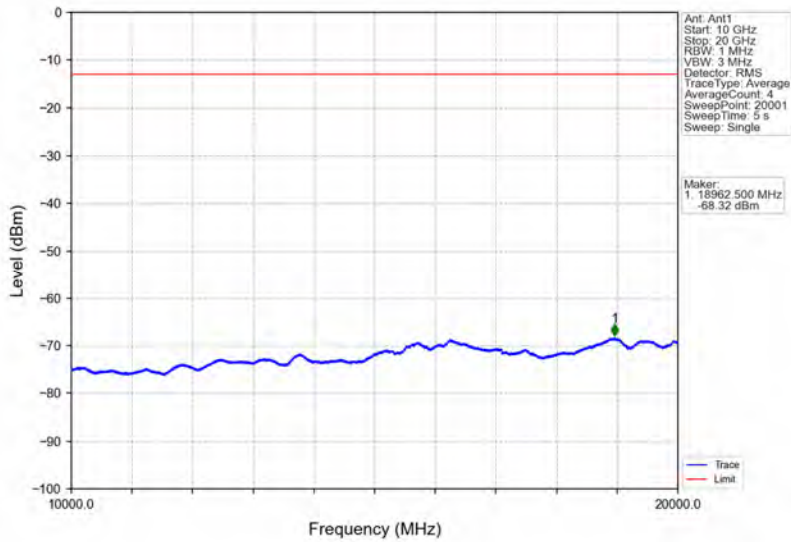
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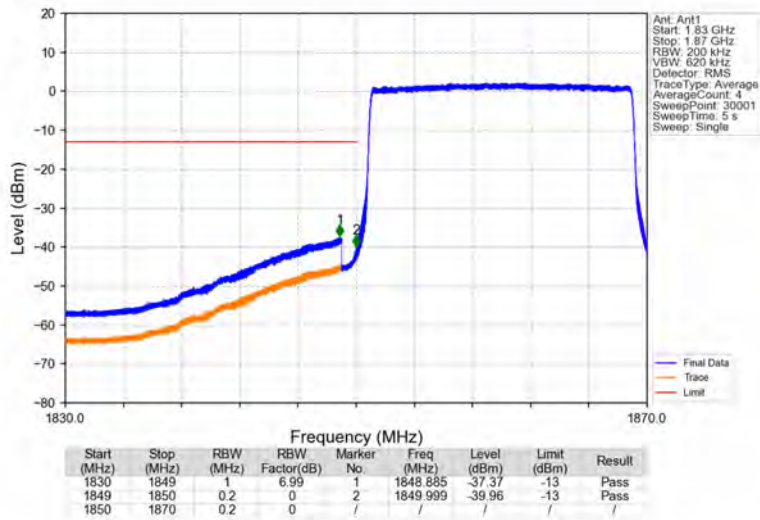
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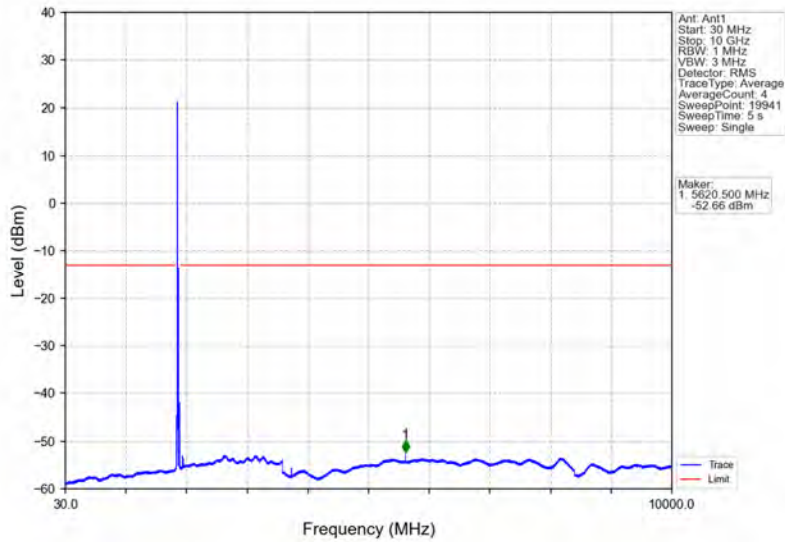


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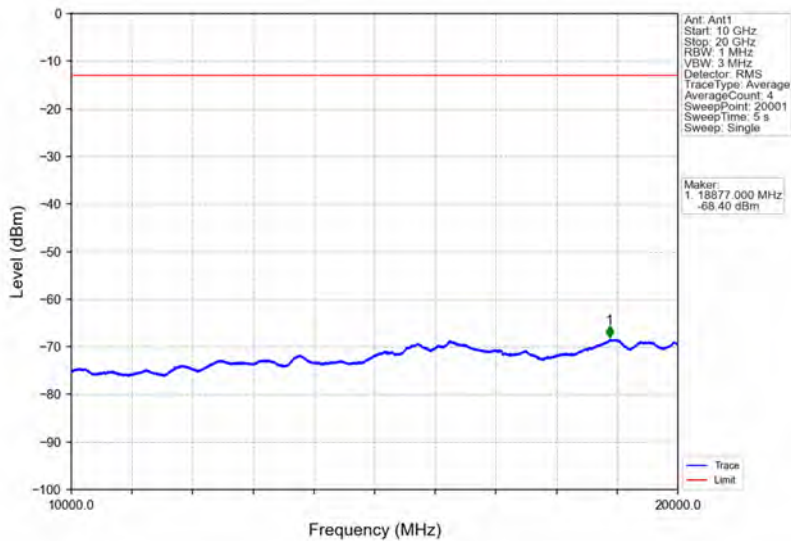
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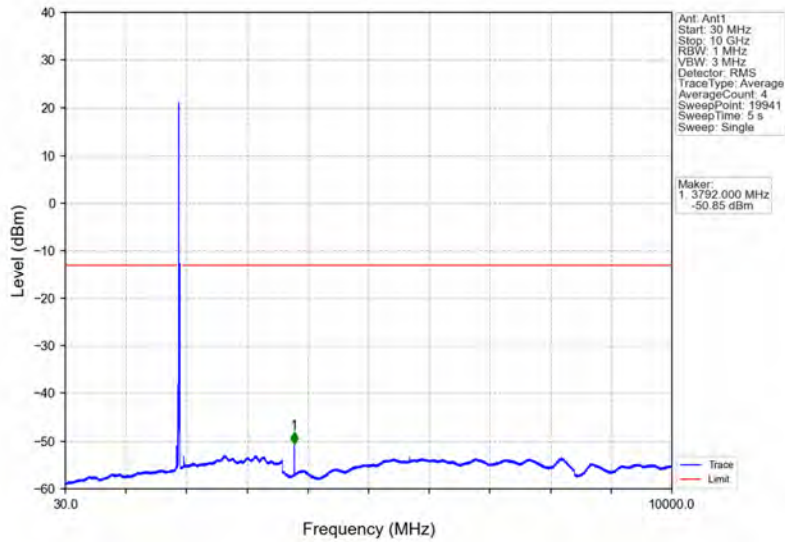
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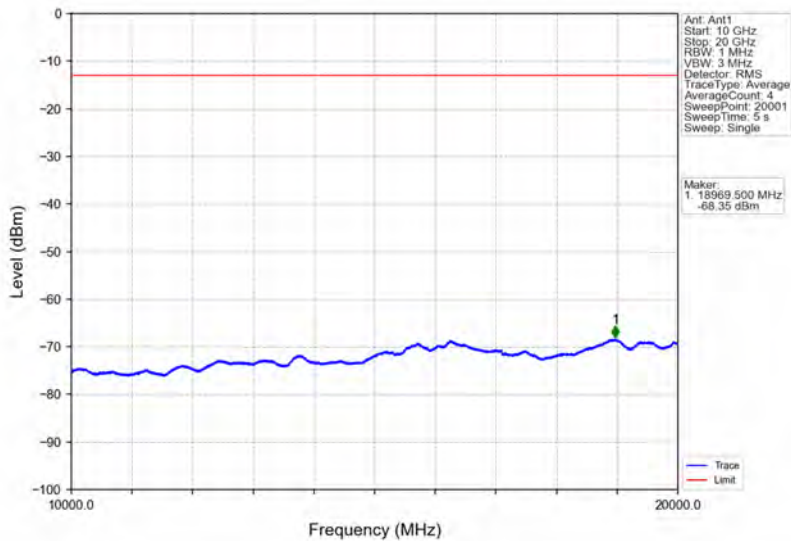
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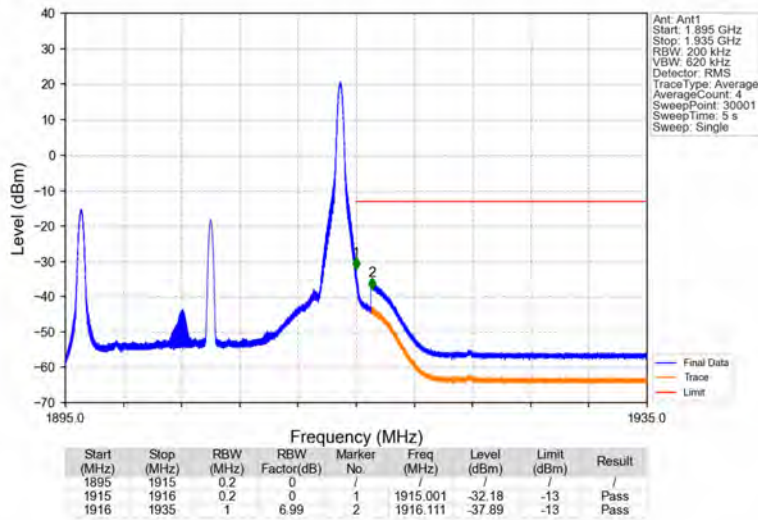
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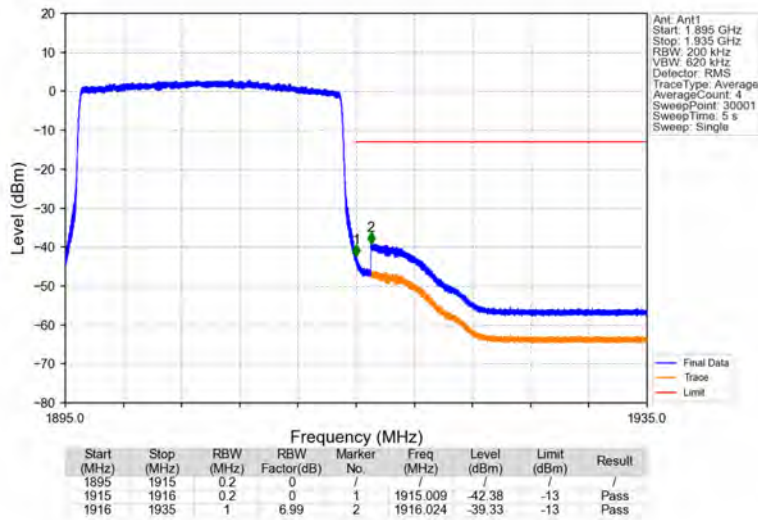
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