

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	21.61	0.82	22.43	<=33.01	Pass		
			2	21.70	0.82	22.52	<=33.01	Pass		
			5	21.58	0.82	22.40	<=33.01	Pass		
		3	0	21.73	0.82	22.55	<=33.01	Pass		
			2	21.75	0.82	22.57	<=33.01	Pass		
			3	21.70	0.82	22.52	<=33.01	Pass		
		6	0	20.63	0.82	21.45	<=33.01	Pass		
		1882.5	1	0	21.16	0.82	21.98	<=33.01	Pass	
				2	21.28	0.82	22.10	<=33.01	Pass	
	5			21.16	0.82	21.98	<=33.01	Pass		
	3		0	21.25	0.82	22.07	<=33.01	Pass		
			2	21.20	0.82	22.02	<=33.01	Pass		
			3	21.25	0.82	22.07	<=33.01	Pass		
	6		0	20.19	0.82	21.01	<=33.01	Pass		
	1914.3		1	0	20.87	0.82	21.69	<=33.01	Pass	
				2	20.97	0.82	21.79	<=33.01	Pass	
		5		20.88	0.82	21.70	<=33.01	Pass		
		3	0	21.01	0.82	21.83	<=33.01	Pass		
			2	21.03	0.82	21.85	<=33.01	Pass		
			3	20.98	0.82	21.80	<=33.01	Pass		
		6	0	19.98	0.82	20.80	<=33.01	Pass		
		16QAM	1850.7	1	0	20.61	0.82	21.43	<=33.01	Pass
					2	20.39	0.82	21.21	<=33.01	Pass
	5				20.17	0.82	20.99	<=33.01	Pass	
3	0			20.40	0.82	21.22	<=33.01	Pass		
	2			20.52	0.82	21.34	<=33.01	Pass		
	3			20.43	0.82	21.25	<=33.01	Pass		
6	0			19.24	0.82	20.06	<=33.01	Pass		
1882.5	1			0	20.16	0.82	20.98	<=33.01	Pass	
				2	20.28	0.82	21.10	<=33.01	Pass	
			5	20.21	0.82	21.03	<=33.01	Pass		
	3		0	20.28	0.82	21.10	<=33.01	Pass		
			2	20.30	0.82	21.12	<=33.01	Pass		
			3	20.29	0.82	21.11	<=33.01	Pass		
	6		0	19.20	0.82	20.02	<=33.01	Pass		
	1914.3		1	0	20.06	0.82	20.88	<=33.01	Pass	
				2	20.18	0.82	21.00	<=33.01	Pass	
5				20.08	0.82	20.90	<=33.01	Pass		
3			0	19.99	0.82	20.81	<=33.01	Pass		
			2	20.02	0.82	20.84	<=33.01	Pass		
			3	20.01	0.82	20.83	<=33.01	Pass		
6			0	19.10	0.82	19.92	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	21.67	0.82	22.49	<=33.01	Pass		
			7	21.48	0.82	22.30	<=33.01	Pass		
			14	21.33	0.82	22.15	<=33.01	Pass		
		8	0	20.38	0.82	21.20	<=33.01	Pass		
			4	20.38	0.82	21.20	<=33.01	Pass		
			7	20.35	0.82	21.17	<=33.01	Pass		
		15	0	20.35	0.82	21.17	<=33.01	Pass		
		1882.5	1	0	21.35	0.82	22.17	<=33.01	Pass	
				7	21.49	0.82	22.31	<=33.01	Pass	
	14			21.32	0.82	22.14	<=33.01	Pass		
	8		0	20.38	0.82	21.20	<=33.01	Pass		
			4	20.40	0.82	21.22	<=33.01	Pass		
			7	20.34	0.82	21.16	<=33.01	Pass		
	15		0	20.34	0.82	21.16	<=33.01	Pass		
	1913.5		1	0	21.09	0.82	21.91	<=33.01	Pass	
				7	21.26	0.82	22.08	<=33.01	Pass	
		14		21.04	0.82	21.86	<=33.01	Pass		
		8	0	20.13	0.82	20.95	<=33.01	Pass		
			4	20.15	0.82	20.97	<=33.01	Pass		
			7	20.11	0.82	20.93	<=33.01	Pass		
		15	0	20.14	0.82	20.96	<=33.01	Pass		
		16QAM	1851.5	1	0	20.46	0.82	21.28	<=33.01	Pass
					7	20.44	0.82	21.26	<=33.01	Pass
	14				20.38	0.82	21.20	<=33.01	Pass	
	8			0	19.43	0.82	20.25	<=33.01	Pass	
				4	19.47	0.82	20.29	<=33.01	Pass	
				7	19.41	0.82	20.23	<=33.01	Pass	
15	0			19.39	0.82	20.21	<=33.01	Pass		
1882.5	1			0	20.52	0.82	21.34	<=33.01	Pass	
				7	20.66	0.82	21.48	<=33.01	Pass	
			14	20.50	0.82	21.32	<=33.01	Pass		
	8		0	19.39	0.82	20.21	<=33.01	Pass		
			4	19.42	0.82	20.24	<=33.01	Pass		
			7	19.39	0.82	20.21	<=33.01	Pass		
	15		0	19.38	0.82	20.20	<=33.01	Pass		
	1913.5		1	0	20.69	0.82	21.51	<=33.01	Pass	
				7	20.78	0.82	21.60	<=33.01	Pass	
14				20.55	0.82	21.37	<=33.01	Pass		
8			0	19.35	0.82	20.17	<=33.01	Pass		
			4	19.39	0.82	20.21	<=33.01	Pass		
			7	19.34	0.82	20.16	<=33.01	Pass		
15			0	19.25	0.82	20.07	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	21.20	0.82	22.02	<=33.01	Pass
			13	21.29	0.82	22.11	<=33.01	Pass
			24	21.19	0.82	22.01	<=33.01	Pass
		12	0	20.26	0.82	21.08	<=33.01	Pass
			6	20.34	0.82	21.16	<=33.01	Pass
			13	20.32	0.82	21.14	<=33.01	Pass

	1882.5	25	0	20.26	0.82	21.08	<=33.01	Pass		
			1	0	21.25	0.82	22.07	<=33.01	Pass	
				13	21.36	0.82	22.18	<=33.01	Pass	
				24	21.22	0.82	22.04	<=33.01	Pass	
		12	0	20.29	0.82	21.11	<=33.01	Pass		
			6	20.36	0.82	21.18	<=33.01	Pass		
			13	20.28	0.82	21.10	<=33.01	Pass		
		25	0	20.30	0.82	21.12	<=33.01	Pass		
		1912.5	1	0	21.06	0.82	21.88	<=33.01	Pass	
	13			21.14	0.82	21.96	<=33.01	Pass		
	24			20.95	0.82	21.77	<=33.01	Pass		
	0			20.14	0.82	20.96	<=33.01	Pass		
	12		6	20.13	0.82	20.95	<=33.01	Pass		
			13	20.06	0.82	20.88	<=33.01	Pass		
			25	0	20.06	0.82	20.88	<=33.01	Pass	
	16QAM		1852.5	1	0	20.32	0.82	21.14	<=33.01	Pass
					13	20.48	0.82	21.30	<=33.01	Pass
		24			20.33	0.82	21.15	<=33.01	Pass	
0		19.25			0.82	20.07	<=33.01	Pass		
12		6		19.29	0.82	20.11	<=33.01	Pass		
		13		19.27	0.82	20.09	<=33.01	Pass		
		25		0	19.30	0.82	20.12	<=33.01	Pass	
1882.5		1		0	20.49	0.82	21.31	<=33.01	Pass	
				13	20.61	0.82	21.43	<=33.01	Pass	
			24	20.50	0.82	21.32	<=33.01	Pass		
			0	19.40	0.82	20.22	<=33.01	Pass		
		12	6	19.46	0.82	20.28	<=33.01	Pass		
			13	19.39	0.82	20.21	<=33.01	Pass		
			25	0	19.36	0.82	20.18	<=33.01	Pass	
		1912.5	1	0	19.92	0.82	20.74	<=33.01	Pass	
				13	20.02	0.82	20.84	<=33.01	Pass	
24				19.81	0.82	20.63	<=33.01	Pass		
0				19.18	0.82	20.00	<=33.01	Pass		
12	6		19.18	0.82	20.00	<=33.01	Pass			
	13		19.07	0.82	19.89	<=33.01	Pass			
	25		0	19.15	0.82	19.97	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B25_10MHz_EIRP

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	21.24	0.82	22.06	<=33.01	Pass	
			25	21.50	0.82	22.32	<=33.01	Pass	
			49	21.24	0.82	22.06	<=33.01	Pass	
		25	0	20.33	0.82	21.15	<=33.01	Pass	
			13	20.41	0.82	21.23	<=33.01	Pass	
			25	20.32	0.82	21.14	<=33.01	Pass	
		50	0	20.34	0.82	21.16	<=33.01	Pass	
		1882.5	1	0	21.29	0.82	22.11	<=33.01	Pass
				25	21.49	0.82	22.31	<=33.01	Pass
	49			21.27	0.82	22.09	<=33.01	Pass	
	25		0	20.38	0.82	21.20	<=33.01	Pass	
			13	20.41	0.82	21.23	<=33.01	Pass	
			25	20.33	0.82	21.15	<=33.01	Pass	
	50		0	20.36	0.82	21.18	<=33.01	Pass	

16QAM	1910	1	0	21.09	0.82	21.91	<=33.01	Pass	
			25	21.30	0.82	22.12	<=33.01	Pass	
			49	20.97	0.82	21.79	<=33.01	Pass	
		25	0	20.25	0.82	21.07	<=33.01	Pass	
			13	20.20	0.82	21.02	<=33.01	Pass	
			25	20.06	0.82	20.88	<=33.01	Pass	
		50	0	20.15	0.82	20.97	<=33.01	Pass	
		1855	1	0	20.29	0.82	21.11	<=33.01	Pass
				25	20.55	0.82	21.37	<=33.01	Pass
	49			20.30	0.82	21.12	<=33.01	Pass	
	25			0	19.40	0.82	20.22	<=33.01	Pass
				13	19.47	0.82	20.29	<=33.01	Pass
				25	19.44	0.82	20.26	<=33.01	Pass
	50		0	19.37	0.82	20.19	<=33.01	Pass	
	1882.5		1	0	20.42	0.82	21.24	<=33.01	Pass
25				20.69	0.82	21.51	<=33.01	Pass	
49				20.44	0.82	21.26	<=33.01	Pass	
25			0	19.47	0.82	20.29	<=33.01	Pass	
			13	19.48	0.82	20.30	<=33.01	Pass	
			25	19.41	0.82	20.23	<=33.01	Pass	
50	0		19.43	0.82	20.25	<=33.01	Pass		
1910	1		0	20.69	0.82	21.51	<=33.01	Pass	
			25	20.86	0.82	21.68	<=33.01	Pass	
			49	20.51	0.82	21.33	<=33.01	Pass	
	25		0	19.35	0.82	20.17	<=33.01	Pass	
		13	19.31	0.82	20.13	<=33.01	Pass		
		25	19.18	0.82	20.00	<=33.01	Pass		
	50	0	19.21	0.82	20.03	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B25_15MHz_EIRP

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	21.06	0.82	21.88	<=33.01	Pass		
			38	21.30	0.82	22.12	<=33.01	Pass		
			74	21.09	0.82	21.91	<=33.01	Pass		
		36	0	20.26	0.82	21.08	<=33.01	Pass		
			18	20.34	0.82	21.16	<=33.01	Pass		
			39	20.28	0.82	21.10	<=33.01	Pass		
		75	0	20.28	0.82	21.10	<=33.01	Pass		
		1882.5	1	0	21.16	0.82	21.98	<=33.01	Pass	
				38	21.36	0.82	22.18	<=33.01	Pass	
	74			21.13	0.82	21.95	<=33.01	Pass		
	36		0	20.37	0.82	21.19	<=33.01	Pass		
			18	20.39	0.82	21.21	<=33.01	Pass		
			39	20.33	0.82	21.15	<=33.01	Pass		
	75		0	20.34	0.82	21.16	<=33.01	Pass		
	1907.5		1	0	20.98	0.82	21.80	<=33.01	Pass	
				38	21.16	0.82	21.98	<=33.01	Pass	
		74		20.83	0.82	21.65	<=33.01	Pass		
		36	0	20.18	0.82	21.00	<=33.01	Pass		
			18	20.19	0.82	21.01	<=33.01	Pass		
			39	20.06	0.82	20.88	<=33.01	Pass		
		75	0	20.15	0.82	20.97	<=33.01	Pass		
		16QAM	1857.5	1	0	20.50	0.82	21.32	<=33.01	Pass

		36	38	20.67	0.82	21.49	<=33.01	Pass
			74	20.50	0.82	21.32	<=33.01	Pass
			0	19.22	0.82	20.04	<=33.01	Pass
			18	19.28	0.82	20.10	<=33.01	Pass
			39	19.24	0.82	20.06	<=33.01	Pass
			75	0	19.23	0.82	20.05	<=33.01
	1882.5	1	0	20.33	0.82	21.15	<=33.01	Pass
			38	20.54	0.82	21.36	<=33.01	Pass
			74	20.31	0.82	21.13	<=33.01	Pass
		36	0	19.41	0.82	20.23	<=33.01	Pass
			18	19.42	0.82	20.24	<=33.01	Pass
			39	19.33	0.82	20.15	<=33.01	Pass
	75	0	19.36	0.82	20.18	<=33.01	Pass	
	1907.5	1	0	20.56	0.82	21.38	<=33.01	Pass
			38	20.73	0.82	21.55	<=33.01	Pass
			74	20.37	0.82	21.19	<=33.01	Pass
		36	0	19.27	0.82	20.09	<=33.01	Pass
			18	19.25	0.82	20.07	<=33.01	Pass
			39	19.10	0.82	19.92	<=33.01	Pass
	75	0	19.22	0.82	20.04	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	20.95	0.82	21.77	<=33.01	Pass	
			50	21.41	0.82	22.23	<=33.01	Pass	
			99	20.96	0.82	21.78	<=33.01	Pass	
		50	0	20.31	0.82	21.13	<=33.01	Pass	
			25	20.35	0.82	21.17	<=33.01	Pass	
			50	20.30	0.82	21.12	<=33.01	Pass	
	100	0	20.27	0.82	21.09	<=33.01	Pass		
	1882.5	1	0	21.02	0.82	21.84	<=33.01	Pass	
			50	21.48	0.82	22.30	<=33.01	Pass	
			99	20.97	0.82	21.79	<=33.01	Pass	
		50	0	20.33	0.82	21.15	<=33.01	Pass	
			25	20.35	0.82	21.17	<=33.01	Pass	
			50	20.24	0.82	21.06	<=33.01	Pass	
	100	0	20.28	0.82	21.10	<=33.01	Pass		
	1905	1	0	20.92	0.82	21.74	<=33.01	Pass	
			50	21.38	0.82	22.20	<=33.01	Pass	
			99	20.76	0.82	21.58	<=33.01	Pass	
		50	0	20.22	0.82	21.04	<=33.01	Pass	
			25	20.21	0.82	21.03	<=33.01	Pass	
			50	20.04	0.82	20.86	<=33.01	Pass	
	100	0	20.18	0.82	21.00	<=33.01	Pass		
	16QAM	1860	1	0	20.51	0.82	21.33	<=33.01	Pass
				50	21.03	0.82	21.85	<=33.01	Pass
				99	20.56	0.82	21.38	<=33.01	Pass
50			0	19.26	0.82	20.08	<=33.01	Pass	
			25	19.34	0.82	20.16	<=33.01	Pass	
			50	19.30	0.82	20.12	<=33.01	Pass	
100		0	19.30	0.82	20.12	<=33.01	Pass		
1882.5		1	0	20.23	0.82	21.05	<=33.01	Pass	
			50	20.70	0.82	21.52	<=33.01	Pass	

		50	99	20.23	0.82	21.05	<=33.01	Pass
			0	19.40	0.82	20.22	<=33.01	Pass
			25	19.38	0.82	20.20	<=33.01	Pass
			50	19.30	0.82	20.12	<=33.01	Pass
	100	0	19.34	0.82	20.16	<=33.01	Pass	
	1905	1	0	20.23	0.82	21.05	<=33.01	Pass
			50	20.70	0.82	21.52	<=33.01	Pass
			99	20.02	0.82	20.84	<=33.01	Pass
		50	0	19.29	0.82	20.11	<=33.01	Pass
			25	19.27	0.82	20.09	<=33.01	Pass
			50	19.13	0.82	19.95	<=33.01	Pass
		100	0	19.26	0.82	20.08	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

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	3.27	-11.101	-0.0060	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0049	-2.5 to 2.5	Pass
					4.43	-4.635	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-7.753	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-6.752	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-9.112	-0.0049	-2.5 to 2.5	Pass
	50	3.85	-5.736	-0.0031	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.446	-0.0013	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-9.584	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-15.864	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-16.723	-0.0089	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0011	-2.5 to 2.5	Pass
	50	3.85	-2.933	-0.0016	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	0.129	0.0001	-2.5 to 2.5	Pass
					3.85	0.730	0.0004	-2.5 to 2.5	Pass
					4.43	0.701	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.489	0.0013	-2.5 to 2.5	Pass
-10				3.85	-4.821	-0.0025	-2.5 to 2.5	Pass	
0				3.85	4.807	0.0025	-2.5 to 2.5	Pass	
10				3.85	-14.906	-0.0078	-2.5 to 2.5	Pass	
30				3.85	1.659	0.0009	-2.5 to 2.5	Pass	
40				3.85	3.176	0.0017	-2.5 to 2.5	Pass	
50	3.85	4.005	0.0021	-2.5 to 2.5	Pass				

				10	3.85	-12.059	-0.0064	-2.5 to 2.5	Pass			
				30	3.85	-11.415	-0.0061	-2.5 to 2.5	Pass			
				40	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass			
				50	3.85	-8.054	-0.0043	-2.5 to 2.5	Pass			
	1913.5	15	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass			
					3.85	-3.033	-0.0016	-2.5 to 2.5	Pass			
					4.43	-9.484	-0.0050	-2.5 to 2.5	Pass			
				-30	3.85	-5.522	-0.0029	-2.5 to 2.5	Pass			
				-20	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass			
				-10	3.85	6.695	0.0035	-2.5 to 2.5	Pass			
				0	3.85	-11.387	-0.0060	-2.5 to 2.5	Pass			
				10	3.85	0.401	0.0002	-2.5 to 2.5	Pass			
				30	3.85	-7.138	-0.0037	-2.5 to 2.5	Pass			
				40	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass			
				50	3.85	3.934	0.0021	-2.5 to 2.5	Pass			
	16QAM	1851.5	15	0	20	3.27	-9.899	-0.0053	-2.5 to 2.5	Pass		
						3.85	-9.942	-0.0054	-2.5 to 2.5	Pass		
						4.43	-6.924	-0.0037	-2.5 to 2.5	Pass		
					-30	3.85	-11.644	-0.0063	-2.5 to 2.5	Pass		
-20					3.85	-11.029	-0.0060	-2.5 to 2.5	Pass			
-10					3.85	-5.679	-0.0031	-2.5 to 2.5	Pass			
0					3.85	-12.131	-0.0066	-2.5 to 2.5	Pass			
10					3.85	-13.475	-0.0073	-2.5 to 2.5	Pass			
30					3.85	-1.845	-0.0010	-2.5 to 2.5	Pass			
40					3.85	-1.960	-0.0011	-2.5 to 2.5	Pass			
50					3.85	-12.746	-0.0069	-2.5 to 2.5	Pass			
1882.5					15	0	20	3.27	0.029	0.0000	-2.5 to 2.5	Pass
								3.85	-6.609	-0.0035	-2.5 to 2.5	Pass
								4.43	-17.109	-0.0091	-2.5 to 2.5	Pass
		-30	3.85	-12.546			-0.0067	-2.5 to 2.5	Pass			
		-20	3.85	-7.753			-0.0041	-2.5 to 2.5	Pass			
		-10	3.85	-8.640			-0.0046	-2.5 to 2.5	Pass			
		0	3.85	0.029			0.0000	-2.5 to 2.5	Pass			
		10	3.85	-14.205			-0.0075	-2.5 to 2.5	Pass			
		30	3.85	-17.710			-0.0094	-2.5 to 2.5	Pass			
		40	3.85	-0.916			-0.0005	-2.5 to 2.5	Pass			
		50	3.85	-11.315			-0.0060	-2.5 to 2.5	Pass			
		1913.5	15	0			20	3.27	-9.212	-0.0048	-2.5 to 2.5	Pass
								3.85	-5.951	-0.0031	-2.5 to 2.5	Pass
								4.43	-7.238	-0.0038	-2.5 to 2.5	Pass
							-30	3.85	-5.779	-0.0030	-2.5 to 2.5	Pass
							-20	3.85	-7.668	-0.0040	-2.5 to 2.5	Pass
-10					3.85	-6.952	-0.0036	-2.5 to 2.5	Pass			
0					3.85	3.262	0.0017	-2.5 to 2.5	Pass			
10					3.85	1.602	0.0008	-2.5 to 2.5	Pass			
30	3.85				4.191	0.0022	-2.5 to 2.5	Pass				
40	3.85				-3.533	-0.0018	-2.5 to 2.5	Pass				
50	3.85	8.569	0.0045	-2.5 to 2.5	Pass							

2.1.3 B25_5MHz

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	3.27	-13.032	-0.0070	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
					4.43	-5.493	-0.0030	-2.5 to 2.5	Pass

				-30	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-13.819	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-9.284	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-11.172	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-15.421	-0.0083	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-0.572	-0.0003	-2.5 to 2.5	Pass
					3.85	-14.048	-0.0075	-2.5 to 2.5	Pass
					4.43	-5.579	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	1.874	0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-8.140	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				1912.5	25	0	20	3.27	-2.689
	3.85	-4.621	-0.0024					-2.5 to 2.5	Pass
	4.43	-4.706	-0.0025					-2.5 to 2.5	Pass
	-30	3.85	-8.698				-0.0045	-2.5 to 2.5	Pass
	-20	3.85	-0.601				-0.0003	-2.5 to 2.5	Pass
	-10	3.85	-5.579				-0.0029	-2.5 to 2.5	Pass
	0	3.85	-10.400				-0.0054	-2.5 to 2.5	Pass
	10	3.85	-6.180				-0.0032	-2.5 to 2.5	Pass
	30	3.85	-7.010				-0.0037	-2.5 to 2.5	Pass
40	3.85	-5.965	-0.0031				-2.5 to 2.5	Pass	
50	3.85	-9.828	-0.0051				-2.5 to 2.5	Pass	
16QAM	1852.5	25	0				20	3.27	-8.025
				3.85	-9.255	-0.0050		-2.5 to 2.5	Pass
				4.43	-8.526	-0.0046		-2.5 to 2.5	Pass
				-30	3.85	-14.477	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-11.501	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-13.661	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.882	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-14.992	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-16.794	-0.0091	-2.5 to 2.5	Pass
				1882.5	25	0	20	3.27	-5.794
	3.85	-14.234	-0.0076					-2.5 to 2.5	Pass
	4.43	-11.244	-0.0060					-2.5 to 2.5	Pass
	-30	3.85	-13.347				-0.0071	-2.5 to 2.5	Pass
	-20	3.85	-5.608				-0.0030	-2.5 to 2.5	Pass
	-10	3.85	-8.798				-0.0047	-2.5 to 2.5	Pass
	0	3.85	-4.478				-0.0024	-2.5 to 2.5	Pass
	10	3.85	3.076				0.0016	-2.5 to 2.5	Pass
	30	3.85	-4.263				-0.0023	-2.5 to 2.5	Pass
	40	3.85	-3.705				-0.0020	-2.5 to 2.5	Pass
	50	3.85	-9.685				-0.0051	-2.5 to 2.5	Pass
	1912.5	25	0				20	3.27	-9.985
				3.85	-9.642	-0.0050		-2.5 to 2.5	Pass
				4.43	-6.280	-0.0033		-2.5 to 2.5	Pass
				-30	3.85	2.031	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0020	-2.5 to 2.5	Pass
0				3.85	-4.578	-0.0024	-2.5 to 2.5	Pass	

				10	3.85	-13.418	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-2.403	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-16.751	-0.0088	-2.5 to 2.5	Pass
				50	3.85	0.715	0.0004	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

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	3.27	-7.110	-0.0038	-2.5 to 2.5	Pass
					3.85	0.987	0.0005	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.904	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
	50	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-6.123	-0.0033	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
					4.43	-15.192	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	5.879	0.0031	-2.5 to 2.5	Pass
				-20	3.85	1.187	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-7.310	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-9.384	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-9.398	-0.0050	-2.5 to 2.5	Pass
	50	3.85	-10.700	-0.0057	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-5.507	-0.0029	-2.5 to 2.5	Pass
					3.85	-7.439	-0.0039	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-7.825	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-11.086	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-8.826	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-12.259	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-12.174	-0.0064	-2.5 to 2.5	Pass
30				3.85	-5.507	-0.0029	-2.5 to 2.5	Pass	
40				3.85	-7.939	-0.0042	-2.5 to 2.5	Pass	
50	3.85	-10.943	-0.0057	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-2.246	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				40	3.85	0.672	0.0004	-2.5 to 2.5	Pass
	50	3.85	-8.154	-0.0044	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-7.968	-0.0042	-2.5 to 2.5	Pass
					3.85	-10.700	-0.0057	-2.5 to 2.5	Pass
4.43					-6.695	-0.0036	-2.5 to 2.5	Pass	

				-30	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-7.095	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	5.307	0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-8.211	-0.0044	-2.5 to 2.5	Pass
	50	3.85	-9.212	-0.0049	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-8.354	-0.0044	-2.5 to 2.5	Pass
					3.85	-13.418	-0.0070	-2.5 to 2.5	Pass
					4.43	-4.449	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
0				3.85	-4.592	-0.0024	-2.5 to 2.5	Pass	
10	3.85	-8.969	-0.0047	-2.5 to 2.5	Pass				
30	3.85	-5.436	-0.0028	-2.5 to 2.5	Pass				
40	3.85	-10.257	-0.0054	-2.5 to 2.5	Pass				
50	3.85	-4.606	-0.0024	-2.5 to 2.5	Pass				

2.1.5 B25_15MHz

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	3.27	-4.420	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0035	-2.5 to 2.5	Pass
					4.43	-4.821	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-6.766	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-13.404	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0020	-2.5 to 2.5	Pass
	40	3.85	-5.622	-0.0030	-2.5 to 2.5	Pass			
	50	3.85	-7.253	-0.0039	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-6.051	-0.0032	-2.5 to 2.5	Pass
					3.85	-11.272	-0.0060	-2.5 to 2.5	Pass
					4.43	-6.237	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-11.215	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-6.838	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-9.842	-0.0052	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
	40	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass			
	50	3.85	-5.221	-0.0028	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-1.059	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass
-10				3.85	-9.842	-0.0052	-2.5 to 2.5	Pass	
0				3.85	-6.595	-0.0035	-2.5 to 2.5	Pass	
10				3.85	-10.242	-0.0054	-2.5 to 2.5	Pass	
30				3.85	-9.370	-0.0049	-2.5 to 2.5	Pass	
40	3.85	-10.958	-0.0057	-2.5 to 2.5	Pass				

16QAM	1857.5	75	0	50	3.85	-7.181	-0.0038	-2.5 to 2.5	Pass
				20	3.27	-8.755	-0.0047	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0033	-2.5 to 2.5	Pass
					4.43	-1.016	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-7.710	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-5.679	-0.0031	-2.5 to 2.5	Pass
	40	3.85	-8.268	-0.0045	-2.5 to 2.5	Pass			
	50	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-7.682	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.486	-0.0056	-2.5 to 2.5	Pass
					4.43	-6.323	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-8.740	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-9.427	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-8.111	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-11.072	-0.0059	-2.5 to 2.5	Pass
	50	3.85	-9.184	-0.0049	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-5.178	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-4.306	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-2.232	-0.0012	-2.5 to 2.5	Pass
10				3.85	-5.894	-0.0031	-2.5 to 2.5	Pass	
30				3.85	-3.963	-0.0021	-2.5 to 2.5	Pass	
40				3.85	-6.881	-0.0036	-2.5 to 2.5	Pass	
50	3.85	-6.909	-0.0036	-2.5 to 2.5	Pass				

2.1.6 B25_20MHz

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	3.27	-7.296	-0.0039	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-6.609	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-8.440	-0.0045	-2.5 to 2.5	Pass
				0	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
	50	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-6.566	-0.0035	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
					4.43	-7.954	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-12.217	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	4.263	0.0023	-2.5 to 2.5	Pass

				0	3.85	-6.866	-0.0036	-2.5 to 2.5	Pass				
				10	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass				
				30	3.85	-9.241	-0.0049	-2.5 to 2.5	Pass				
				40	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass				
				50	3.85	-6.022	-0.0032	-2.5 to 2.5	Pass				
	1905	100	0	20	3.27	-5.550	-0.0029	-2.5 to 2.5	Pass				
					3.85	-12.031	-0.0063	-2.5 to 2.5	Pass				
					4.43	-8.554	-0.0045	-2.5 to 2.5	Pass				
				-30	3.85	-4.277	-0.0022	-2.5 to 2.5	Pass				
				-20	3.85	-11.644	-0.0061	-2.5 to 2.5	Pass				
				-10	3.85	-7.010	-0.0037	-2.5 to 2.5	Pass				
				0	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass				
				10	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass				
				30	3.85	-6.137	-0.0032	-2.5 to 2.5	Pass				
				40	3.85	0.529	0.0003	-2.5 to 2.5	Pass				
				50	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass				
				16QAM	1860	100	0	20	3.27	-1.702	-0.0009	-2.5 to 2.5	Pass
									3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
									4.43	-3.133	-0.0017	-2.5 to 2.5	Pass
								-30	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
-20	3.85	-2.789	-0.0015					-2.5 to 2.5	Pass				
-10	3.85	-8.583	-0.0046					-2.5 to 2.5	Pass				
0	3.85	-6.309	-0.0034					-2.5 to 2.5	Pass				
10	3.85	-4.649	-0.0025					-2.5 to 2.5	Pass				
30	3.85	-5.550	-0.0030					-2.5 to 2.5	Pass				
40	3.85	-2.718	-0.0015					-2.5 to 2.5	Pass				
50	3.85	-1.373	-0.0007					-2.5 to 2.5	Pass				
1882.5	100	0	20					3.27	-1.931	-0.0010	-2.5 to 2.5	Pass	
								3.85	-6.495	-0.0035	-2.5 to 2.5	Pass	
								4.43	-3.963	-0.0021	-2.5 to 2.5	Pass	
			-30					3.85	-1.917	-0.0010	-2.5 to 2.5	Pass	
			-20		3.85	-8.783	-0.0047	-2.5 to 2.5	Pass				
			-10		3.85	-0.286	-0.0002	-2.5 to 2.5	Pass				
			0		3.85	-3.791	-0.0020	-2.5 to 2.5	Pass				
			10		3.85	-7.296	-0.0039	-2.5 to 2.5	Pass				
			30		3.85	-6.309	-0.0034	-2.5 to 2.5	Pass				
			40		3.85	-7.296	-0.0039	-2.5 to 2.5	Pass				
			50		3.85	-7.553	-0.0040	-2.5 to 2.5	Pass				
			1905		100	0	20	3.27	-2.046	-0.0011	-2.5 to 2.5	Pass	
								3.85	-5.221	-0.0027	-2.5 to 2.5	Pass	
								4.43	-4.234	-0.0022	-2.5 to 2.5	Pass	
							-30	3.85	-3.204	-0.0017	-2.5 to 2.5	Pass	
-20	3.85	-4.778					-0.0025	-2.5 to 2.5	Pass				
-10	3.85	0.372					0.0002	-2.5 to 2.5	Pass				
0	3.85	1.302					0.0007	-2.5 to 2.5	Pass				
10	3.85	-4.463					-0.0023	-2.5 to 2.5	Pass				
30	3.85	-2.904		-0.0015			-2.5 to 2.5	Pass					
40	3.85	-4.721		-0.0025			-2.5 to 2.5	Pass					
50	3.85	-1.917		-0.0010			-2.5 to 2.5	Pass					

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTV						
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

3.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTV						
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

3.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTV						
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

3.1.4 B25_10MHz

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

3.1.5 B25_15MHz

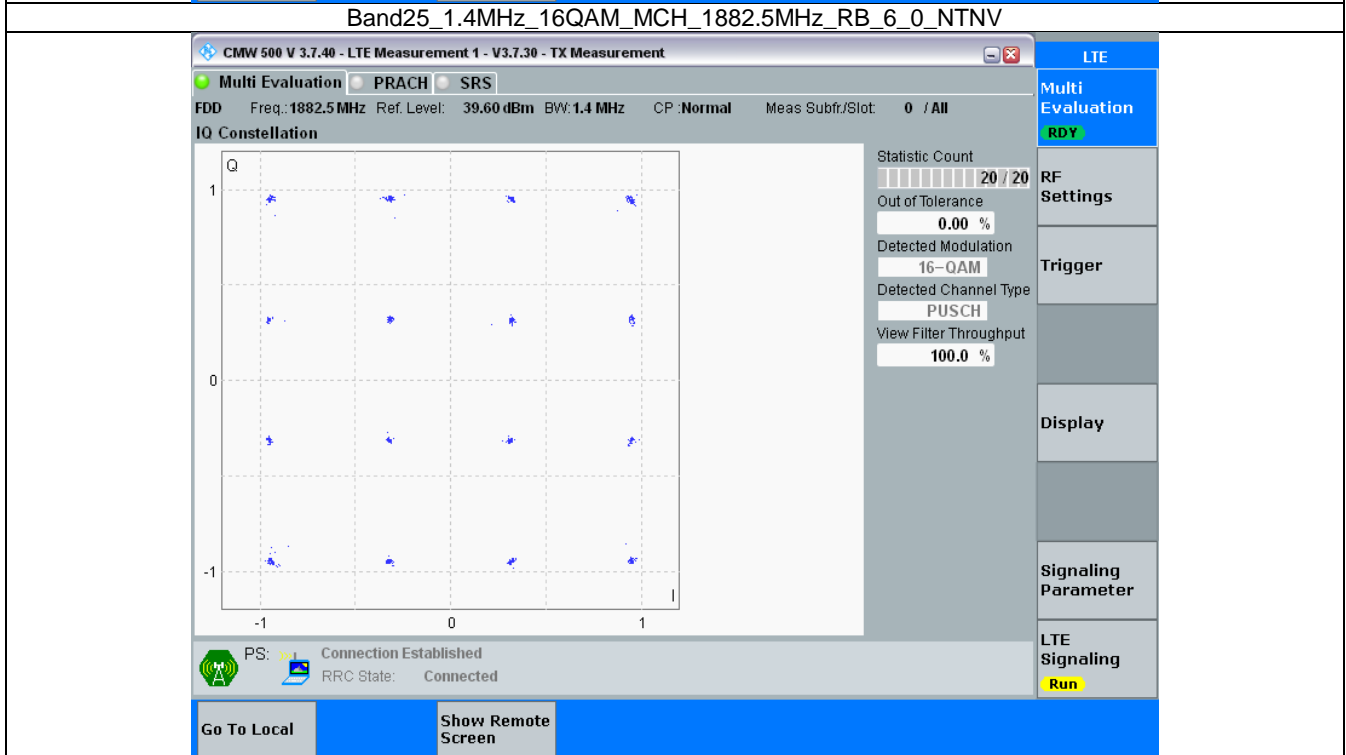
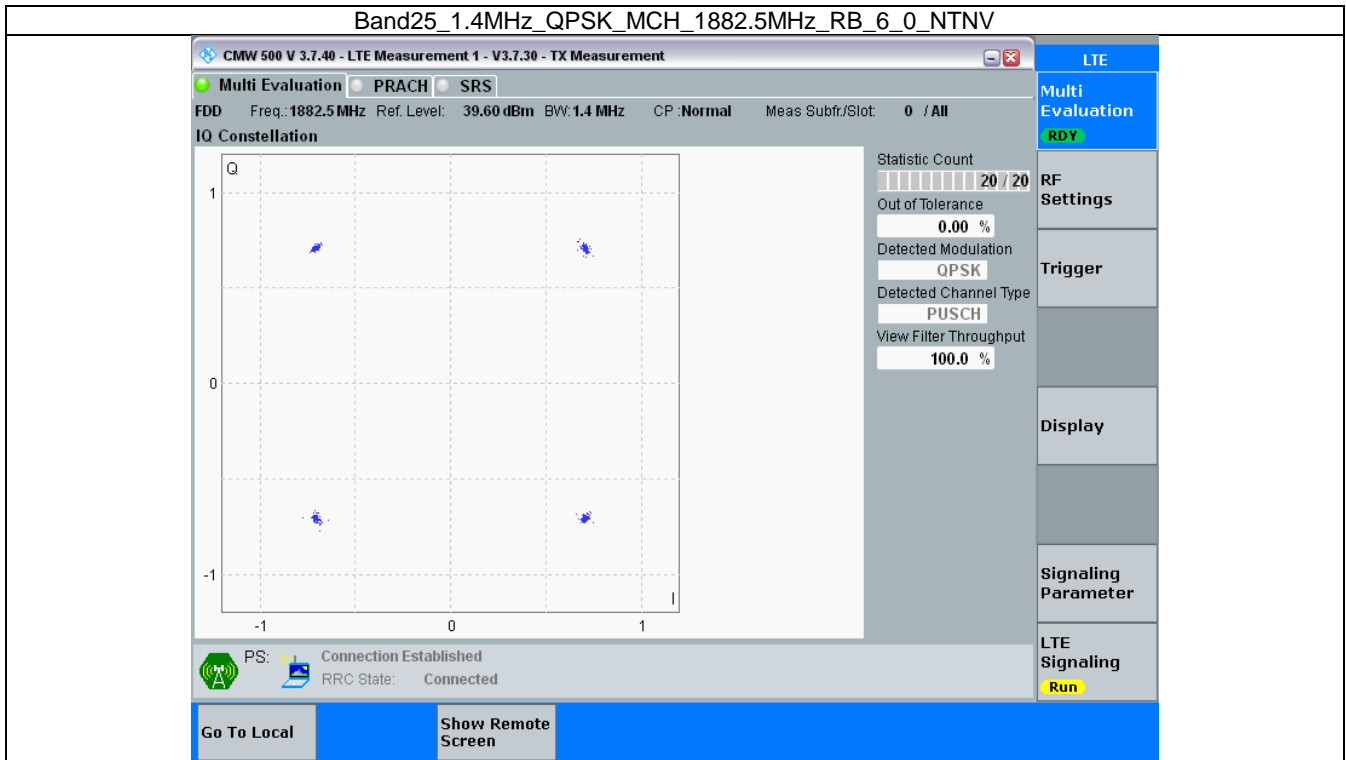
Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

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

3.2 Test Graph

3.2.1 B25_1.4MHz



3.2.2 B25_3MHz

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 39.80 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 39.80 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established RRC State: Connected

Go To Local Show Remote Screen

3.2.3 B25_5MHz

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 40.10 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: QPSK
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE
 Multi Evaluation RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling Run

Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 40.10 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

LTE
 Multi Evaluation RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling Run

3.2.4 B25_10MHz

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 40.20 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

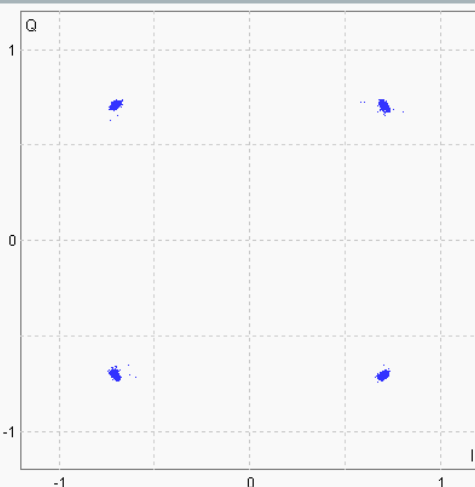
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 40.20 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

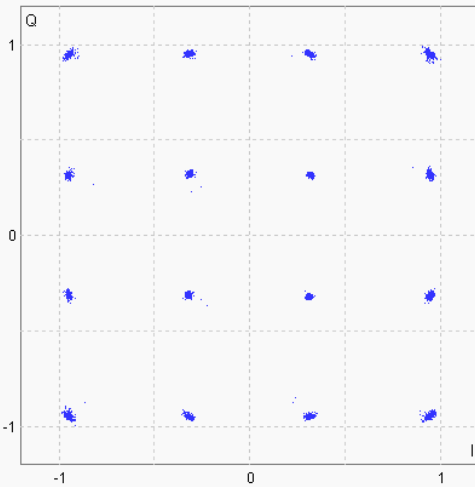
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

3.2.5 B25_15MHz

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 39.70 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

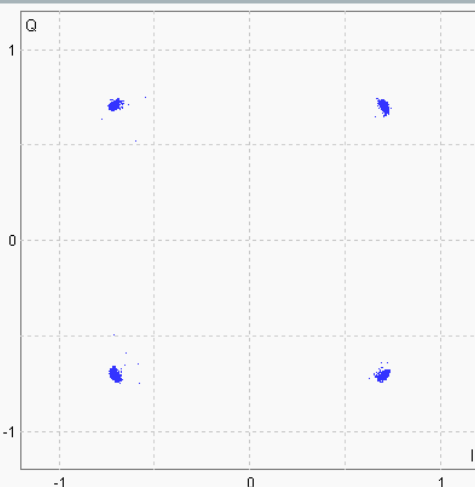
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 39.70 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

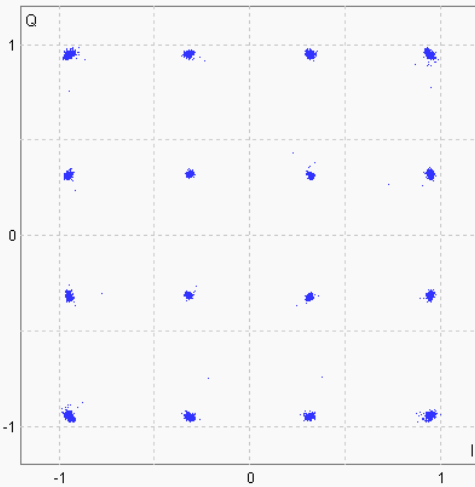
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **Run**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

3.2.6 B25_20MHz

Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 40.10 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established
RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1882.5 MHz Ref. Level: 40.10 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: 16-QAM

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

PS: Connection Established
RRC State: Connected

Go To Local Show Remote Screen

LTE Multi Evaluation RDY RF Settings Trigger Display Signaling Parameter LTE Signaling Run

4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band25_OBW

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.108	/	Pass
		1882.5	6	0	1.111	/	Pass
		1914.3	6	0	1.113	/	Pass
	16QAM	1850.7	6	0	1.106	/	Pass
		1882.5	6	0	1.112	/	Pass
		1914.3	6	0	1.111	/	Pass
3	QPSK	1851.5	15	0	2.716	/	Pass
		1882.5	15	0	2.742	/	Pass
		1913.5	15	0	2.732	/	Pass
	16QAM	1851.5	15	0	2.714	/	Pass
		1882.5	15	0	2.721	/	Pass
		1913.5	15	0	2.722	/	Pass
5	QPSK	1852.5	25	0	4.567	/	Pass
		1882.5	25	0	4.555	/	Pass
		1912.5	25	0	4.584	/	Pass
	16QAM	1852.5	25	0	4.568	/	Pass
		1882.5	25	0	4.586	/	Pass
		1912.5	25	0	4.567	/	Pass
10	QPSK	1855	50	0	9.092	/	Pass
		1882.5	50	0	9.065	/	Pass
		1910	50	0	9.096	/	Pass
	16QAM	1855	50	0	9.076	/	Pass
		1882.5	50	0	9.079	/	Pass
		1910	50	0	9.072	/	Pass
15	QPSK	1857.5	75	0	13.609	/	Pass
		1882.5	75	0	13.600	/	Pass
		1907.5	75	0	13.607	/	Pass
	16QAM	1857.5	75	0	13.631	/	Pass
		1882.5	75	0	13.634	/	Pass
		1907.5	75	0	13.582	/	Pass
20	QPSK	1860	100	0	18.159	/	Pass
		1882.5	100	0	18.100	/	Pass
		1905	100	0	18.101	/	Pass
	16QAM	1860	100	0	18.147	/	Pass
		1882.5	100	0	18.160	/	Pass
		1905	100	0	18.210	/	Pass

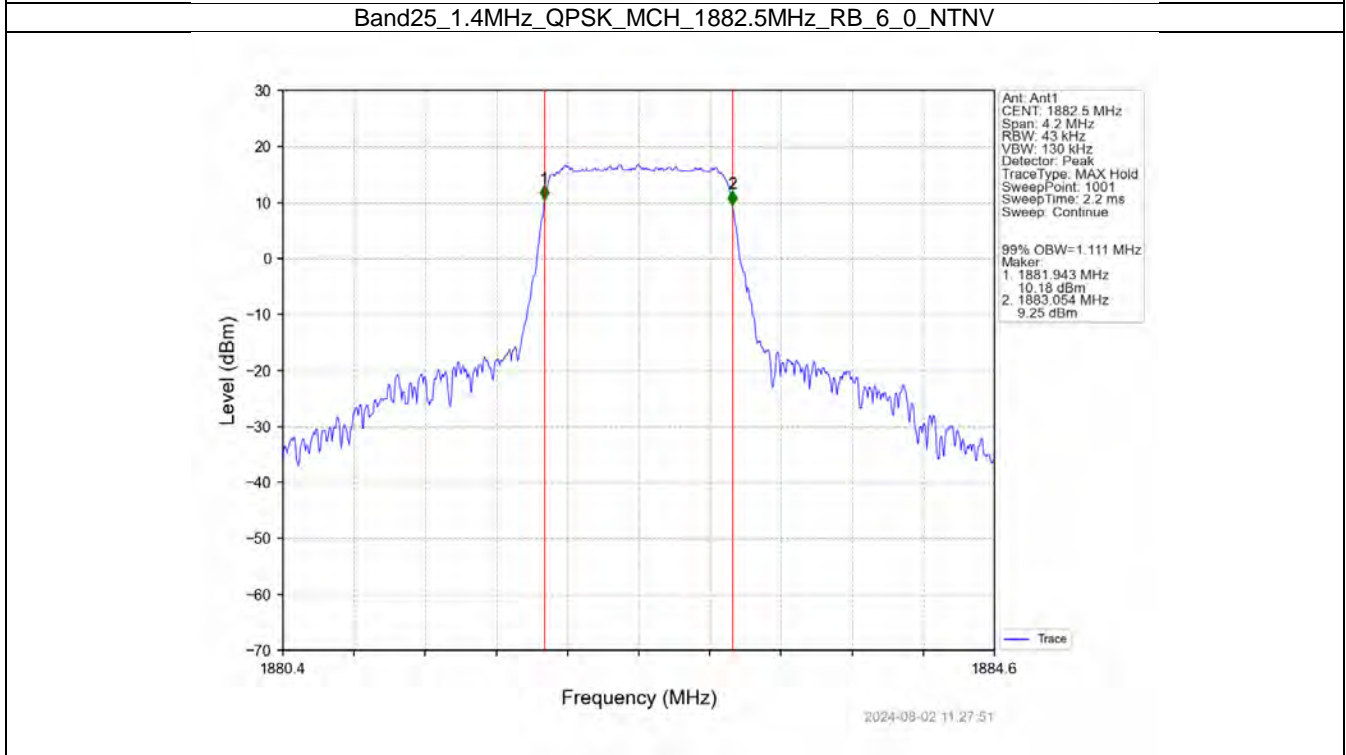
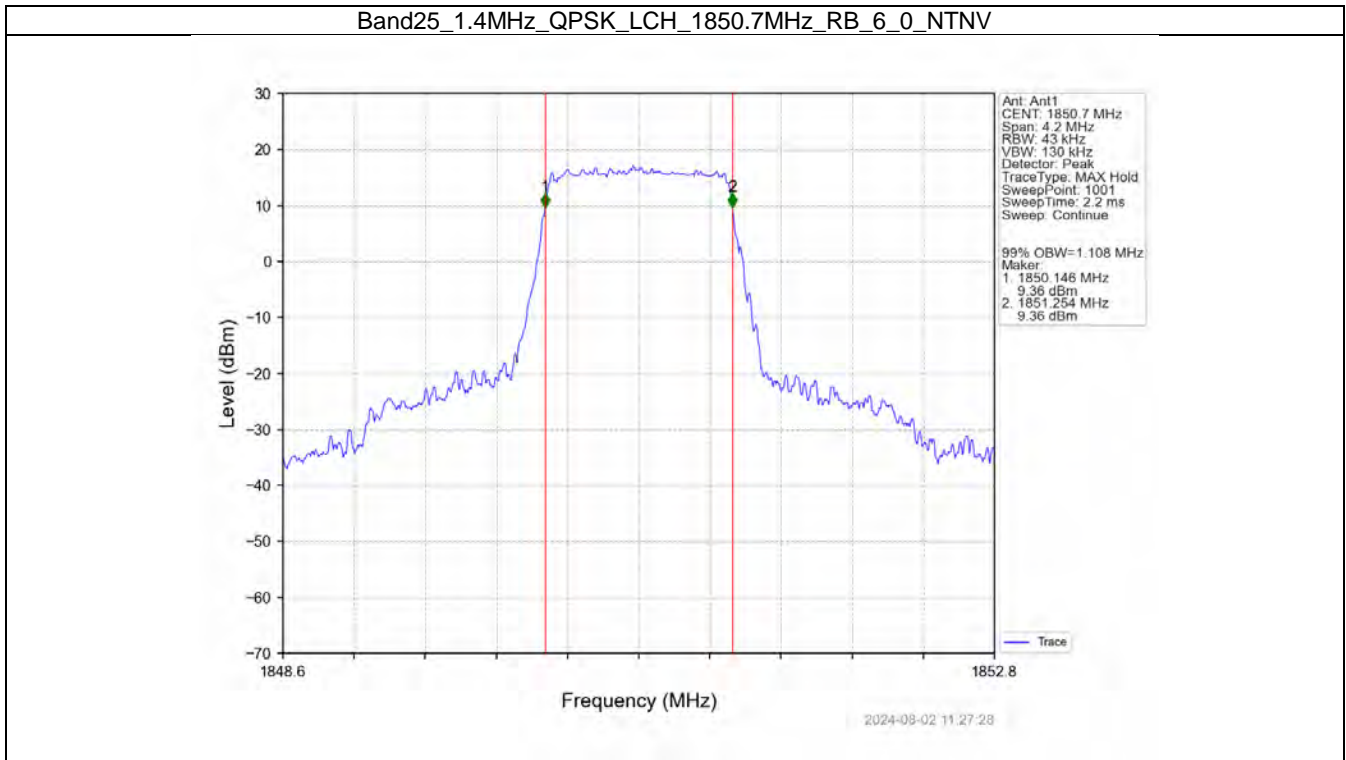
4.1.2 Band25_XDB

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.324	/	Pass
		1882.5	6	0	1.326	/	Pass
		1914.3	6	0	1.314	/	Pass

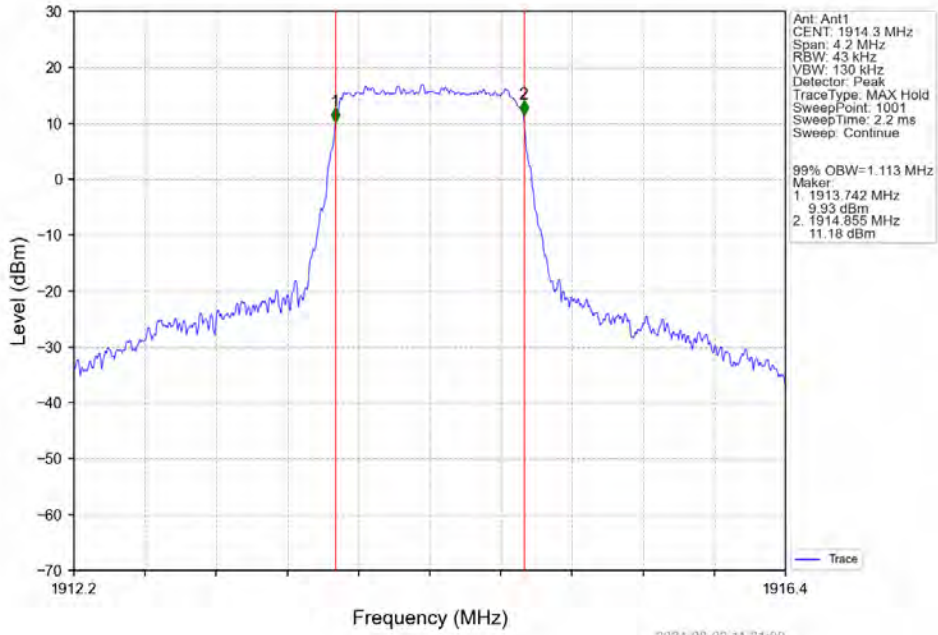
	16QAM	1850.7	6	0	1.303	/	Pass
		1882.5	6	0	1.325	/	Pass
		1914.3	6	0	1.335	/	Pass
3	QPSK	1851.5	15	0	2.983	/	Pass
		1882.5	15	0	2.989	/	Pass
		1913.5	15	0	3.009	/	Pass
	16QAM	1851.5	15	0	2.985	/	Pass
		1882.5	15	0	2.990	/	Pass
		1913.5	15	0	3.004	/	Pass
5	QPSK	1852.5	25	0	5.265	/	Pass
		1882.5	25	0	5.254	/	Pass
		1912.5	25	0	5.241	/	Pass
	16QAM	1852.5	25	0	5.300	/	Pass
		1882.5	25	0	5.238	/	Pass
		1912.5	25	0	5.205	/	Pass
10	QPSK	1855	50	0	10.276	/	Pass
		1882.5	50	0	10.196	/	Pass
		1910	50	0	10.296	/	Pass
	16QAM	1855	50	0	10.282	/	Pass
		1882.5	50	0	10.211	/	Pass
		1910	50	0	10.228	/	Pass
15	QPSK	1857.5	75	0	15.458	/	Pass
		1882.5	75	0	15.314	/	Pass
		1907.5	75	0	15.331	/	Pass
	16QAM	1857.5	75	0	15.353	/	Pass
		1882.5	75	0	15.268	/	Pass
		1907.5	75	0	15.192	/	Pass
20	QPSK	1860	100	0	20.215	/	Pass
		1882.5	100	0	20.233	/	Pass
		1905	100	0	19.925	/	Pass
	16QAM	1860	100	0	20.228	/	Pass
		1882.5	100	0	20.034	/	Pass
		1905	100	0	20.121	/	Pass

4.2 Test Graph

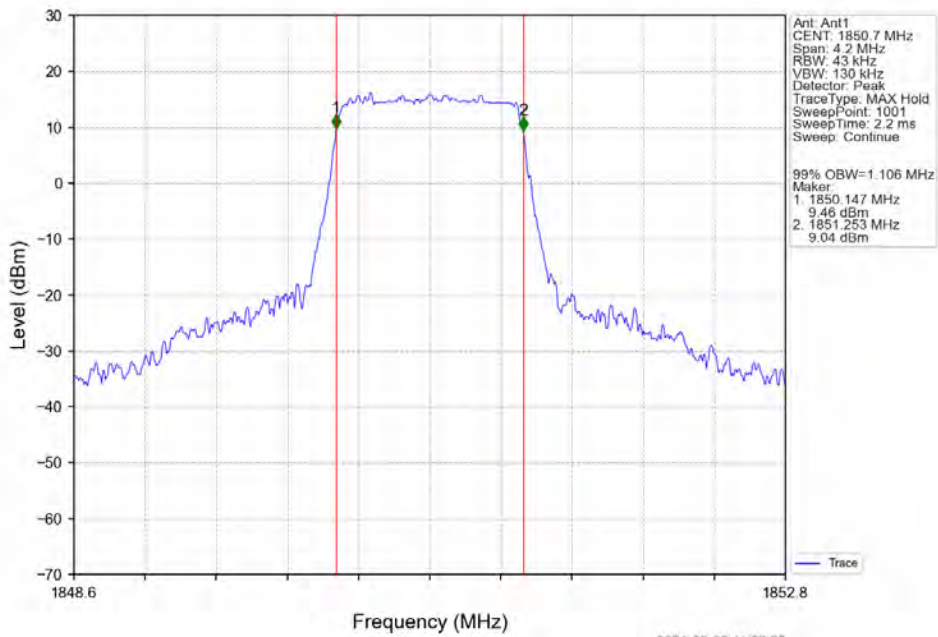
4.2.1 Band25_OBW



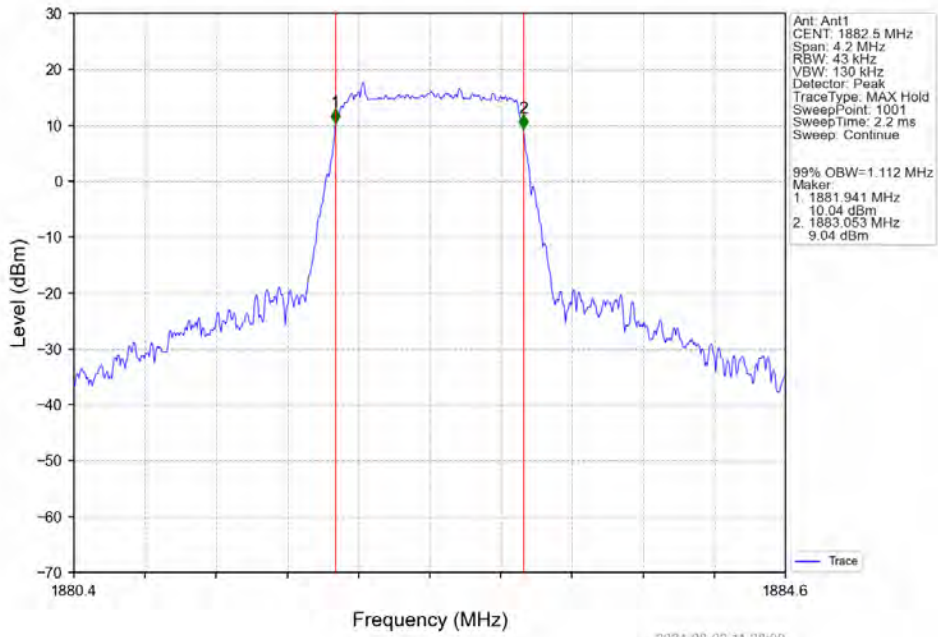
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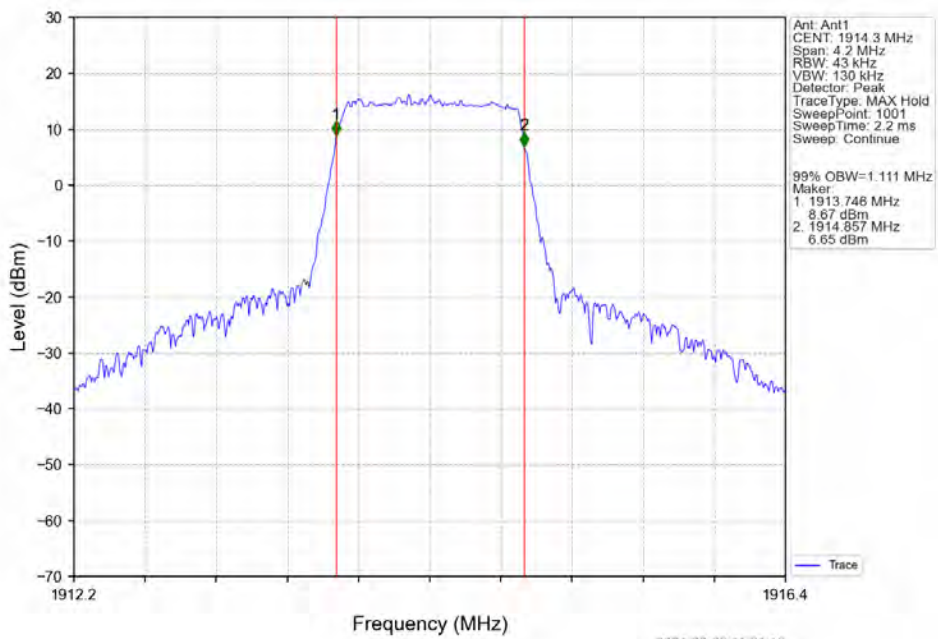
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



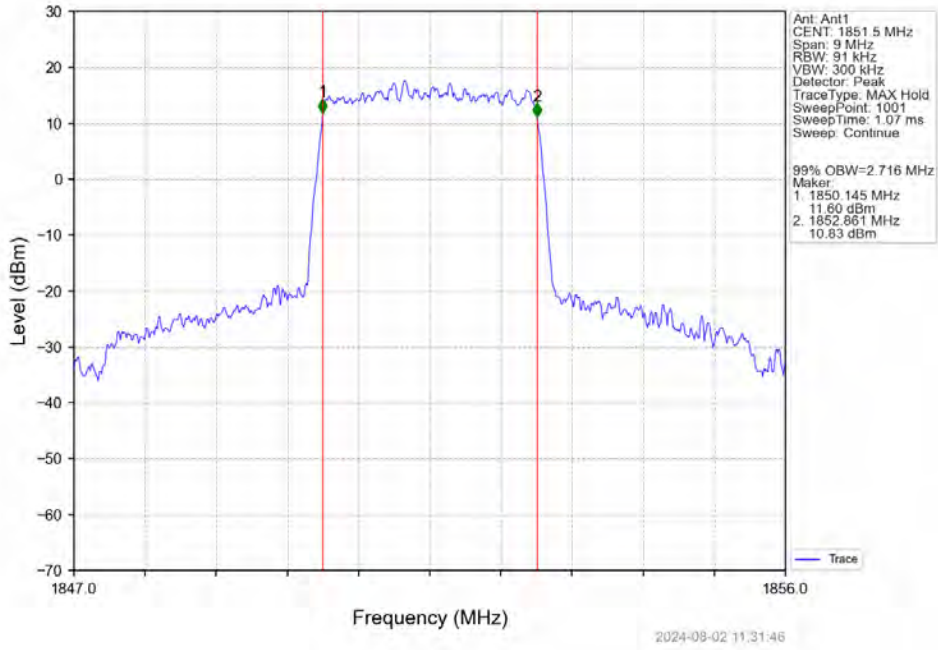
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



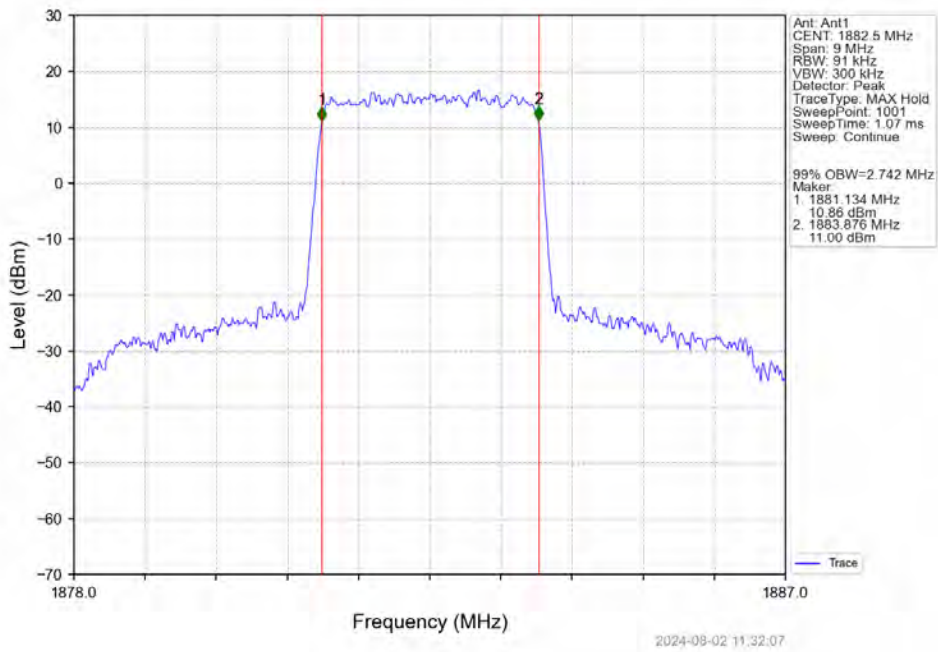
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



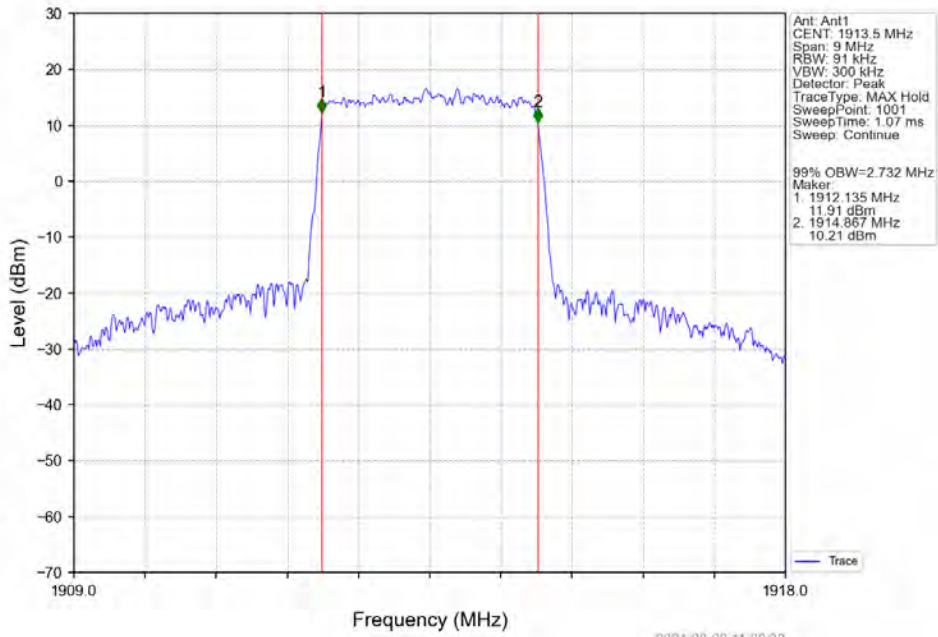
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



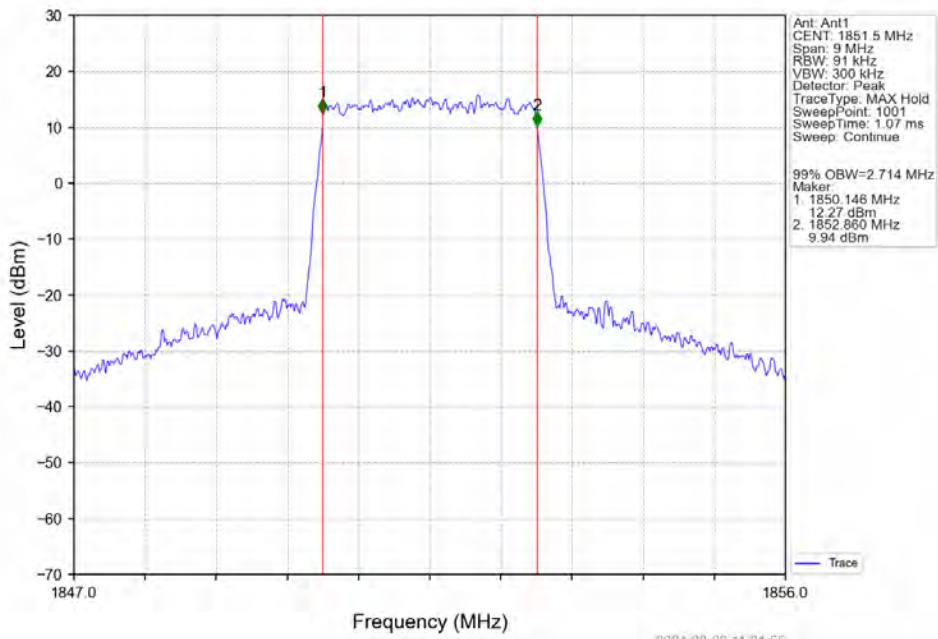
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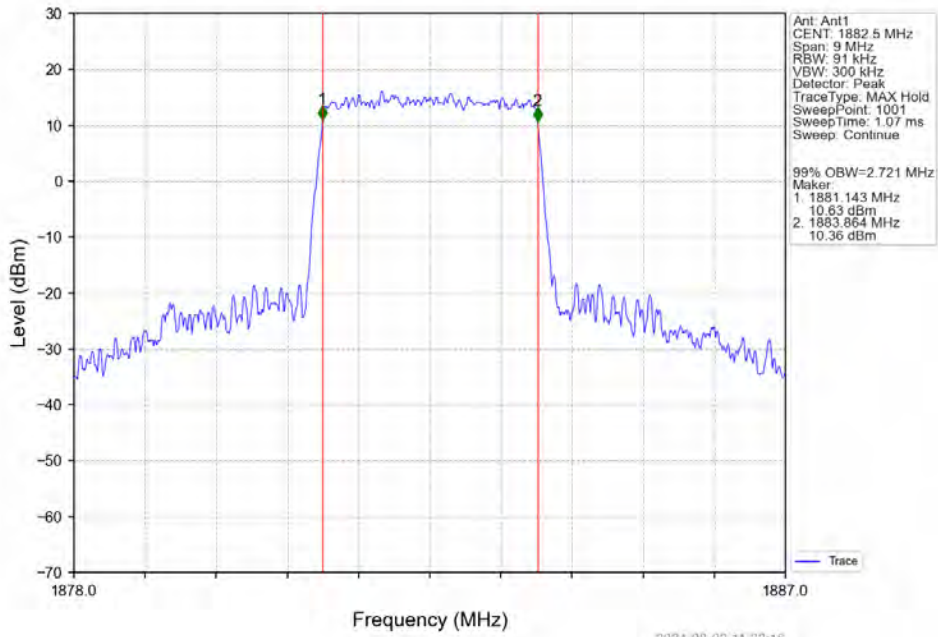
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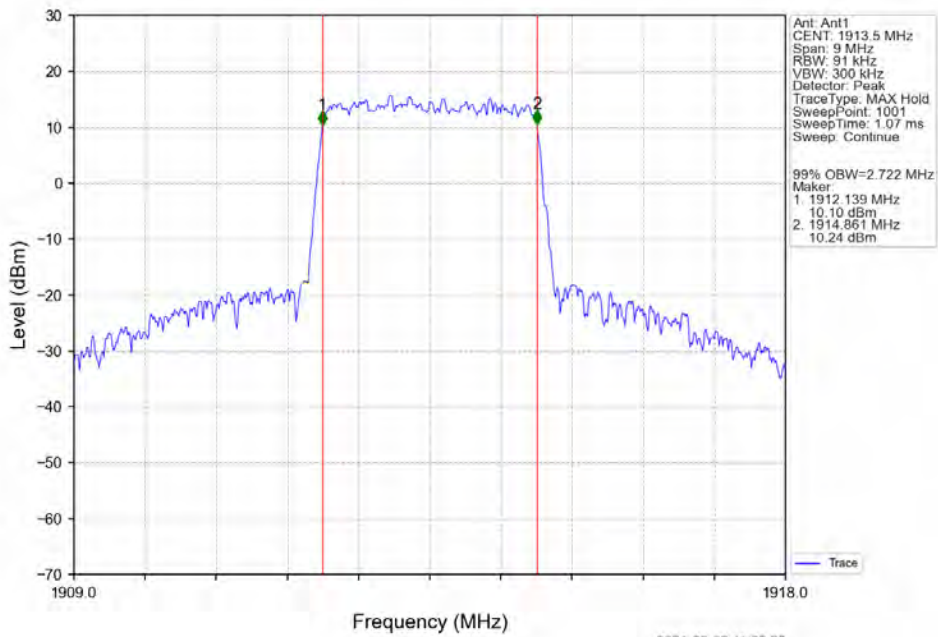
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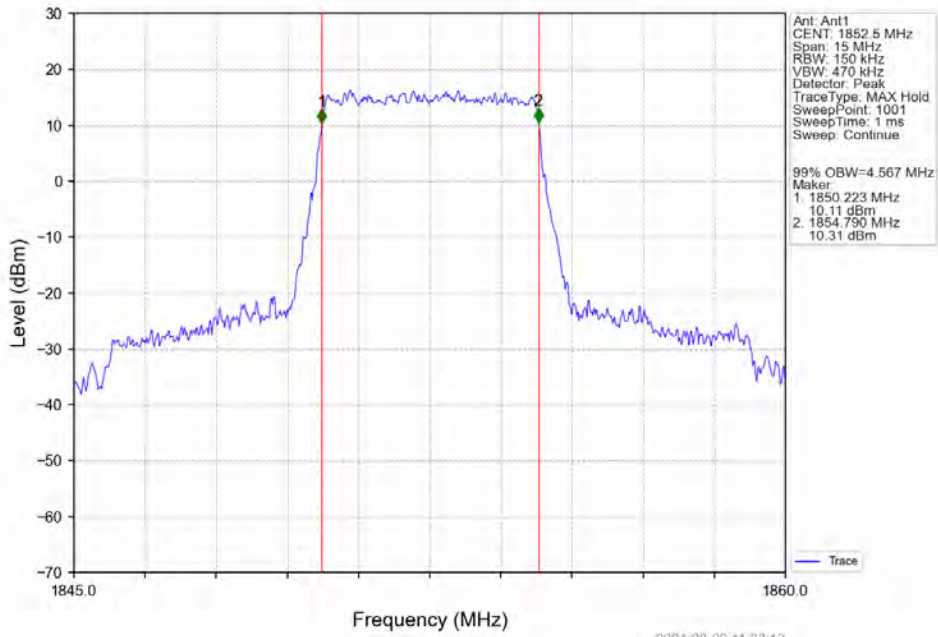
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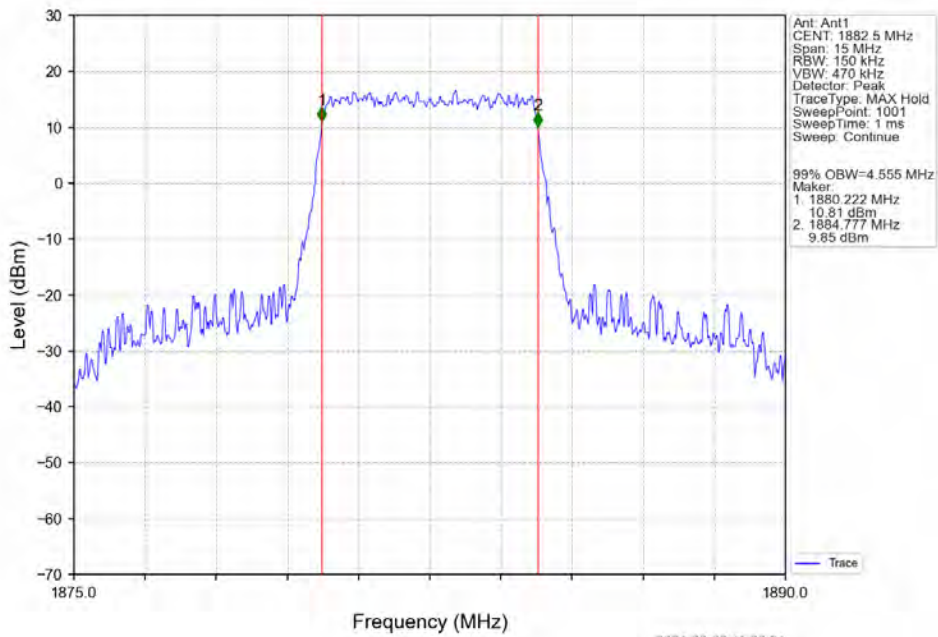
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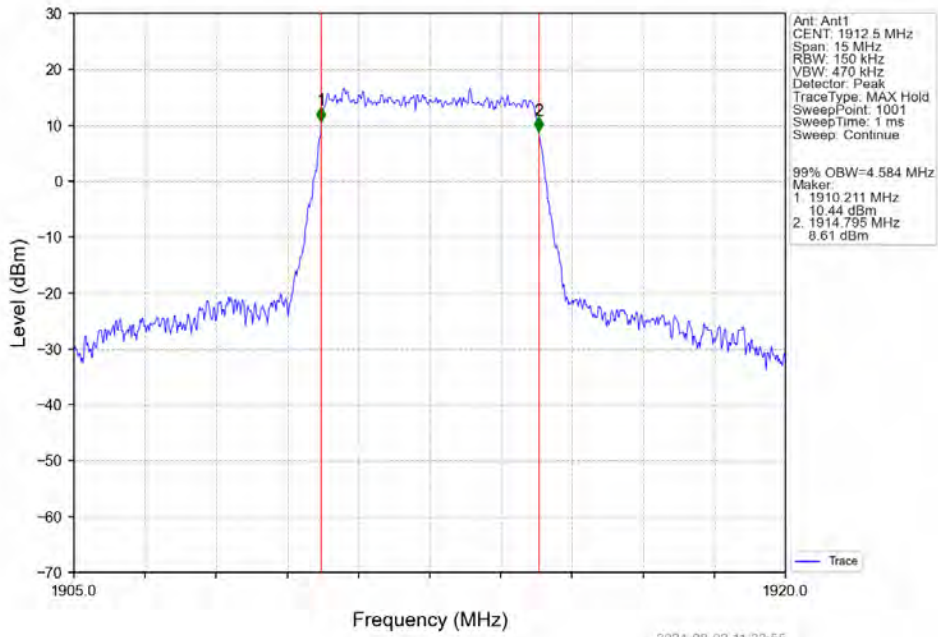
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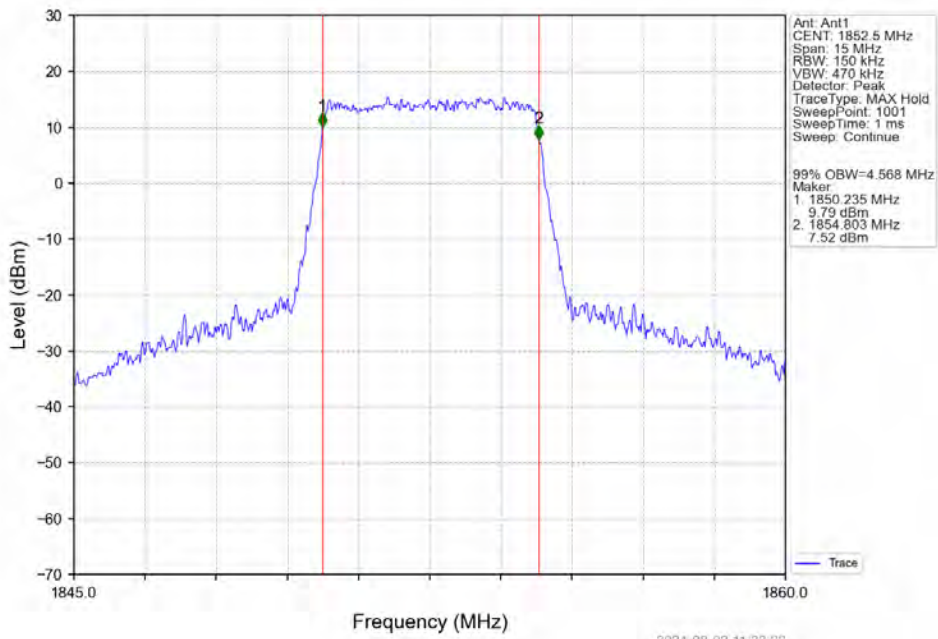
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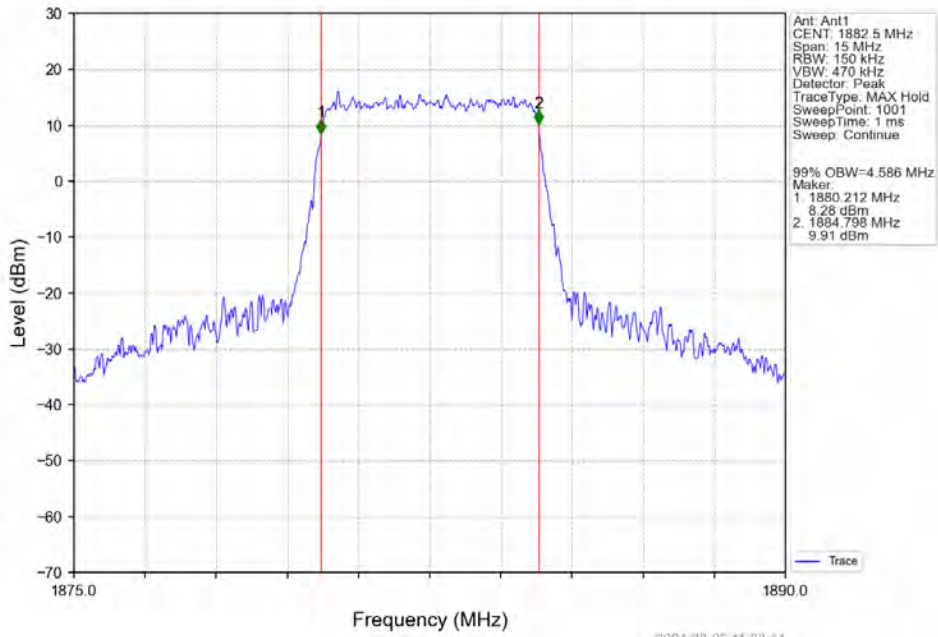
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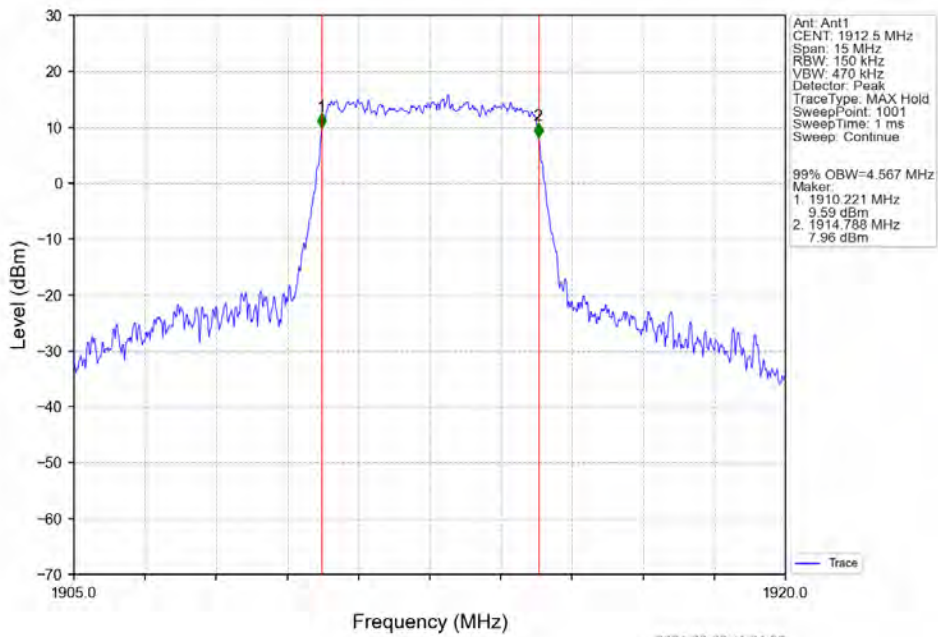
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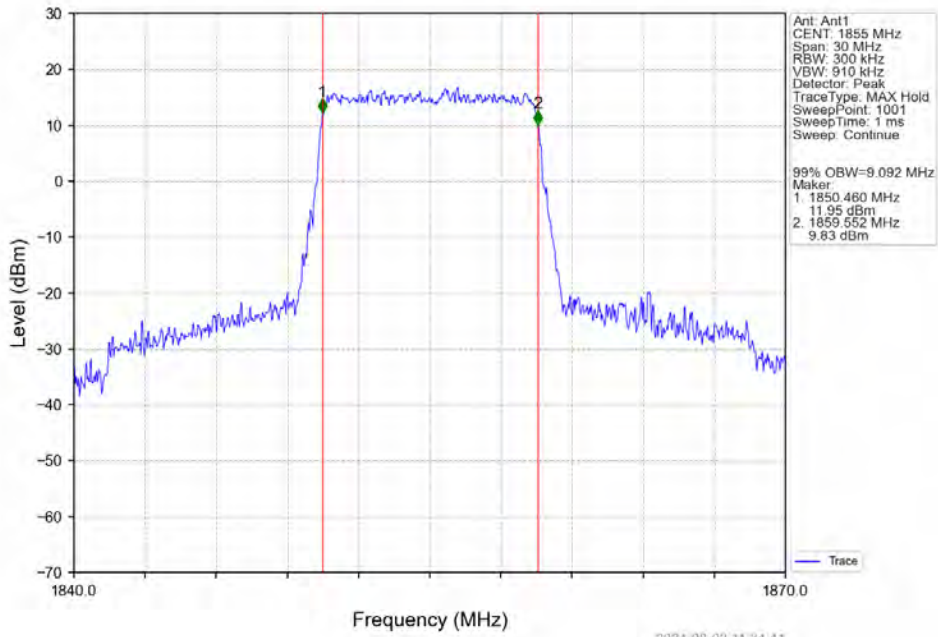
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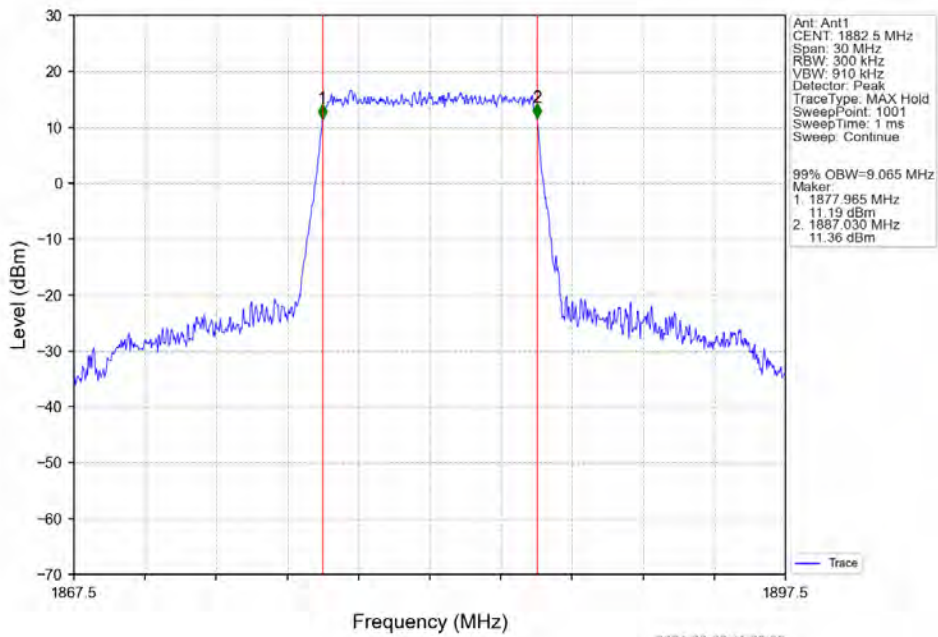
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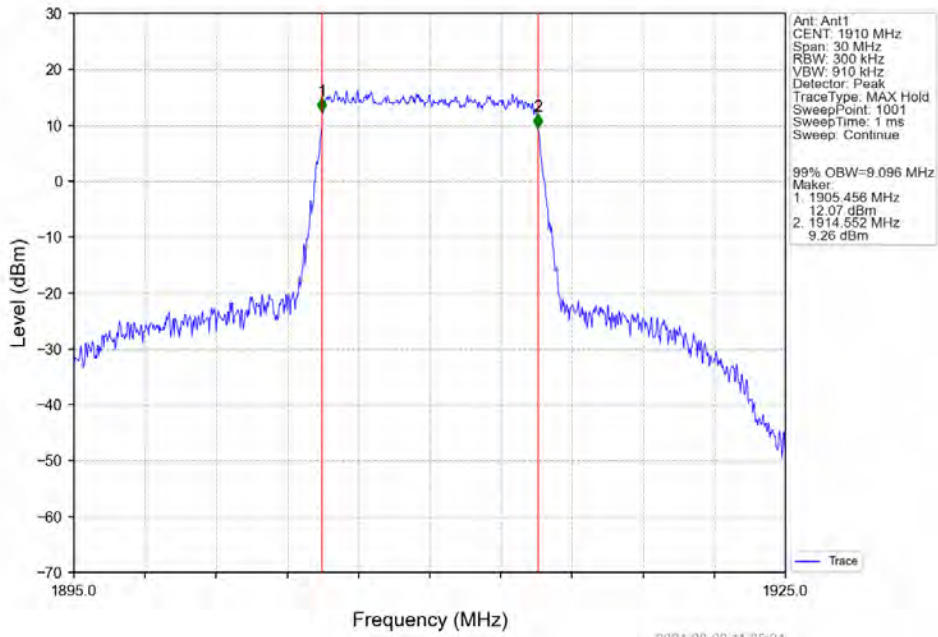
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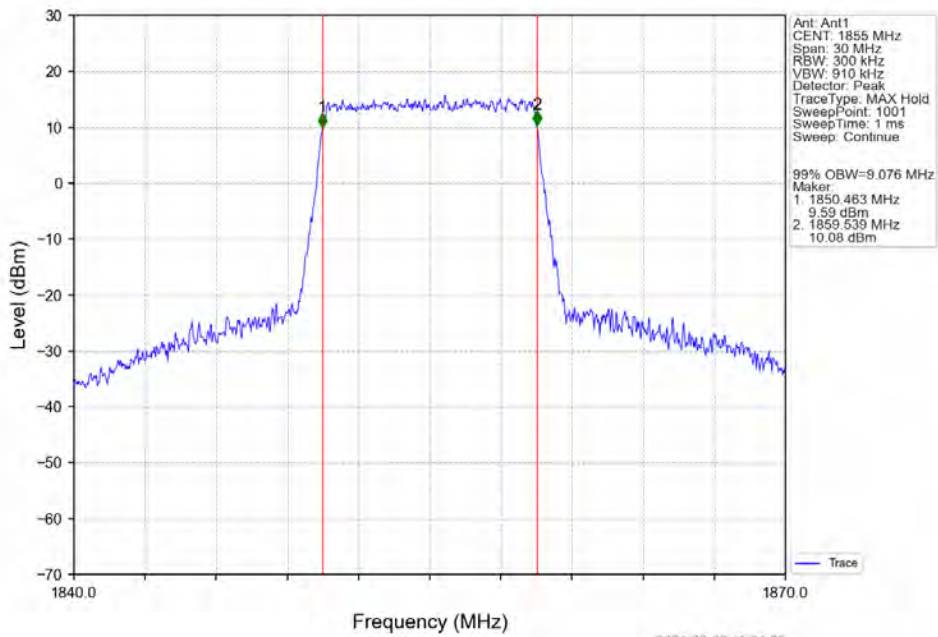
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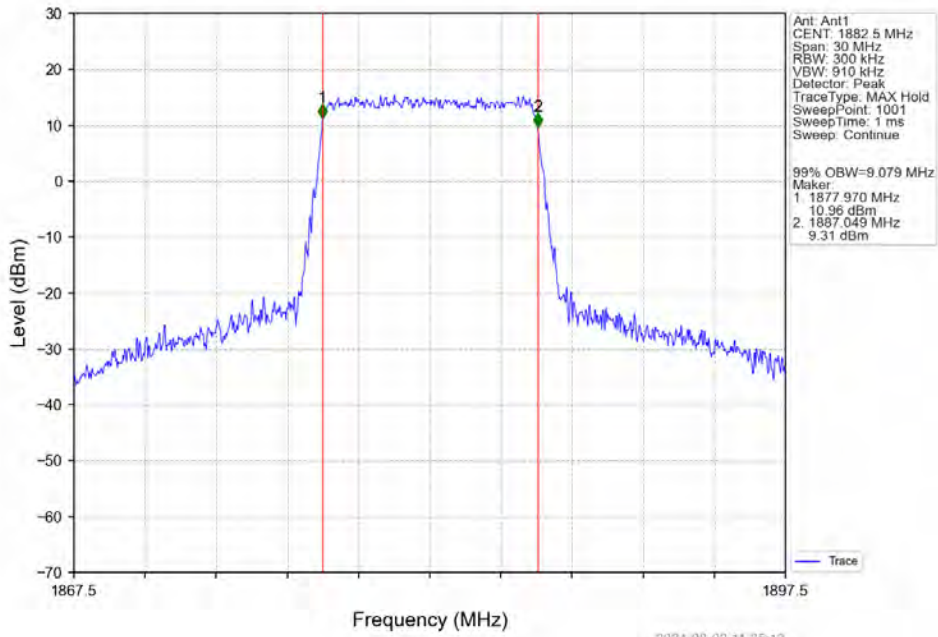
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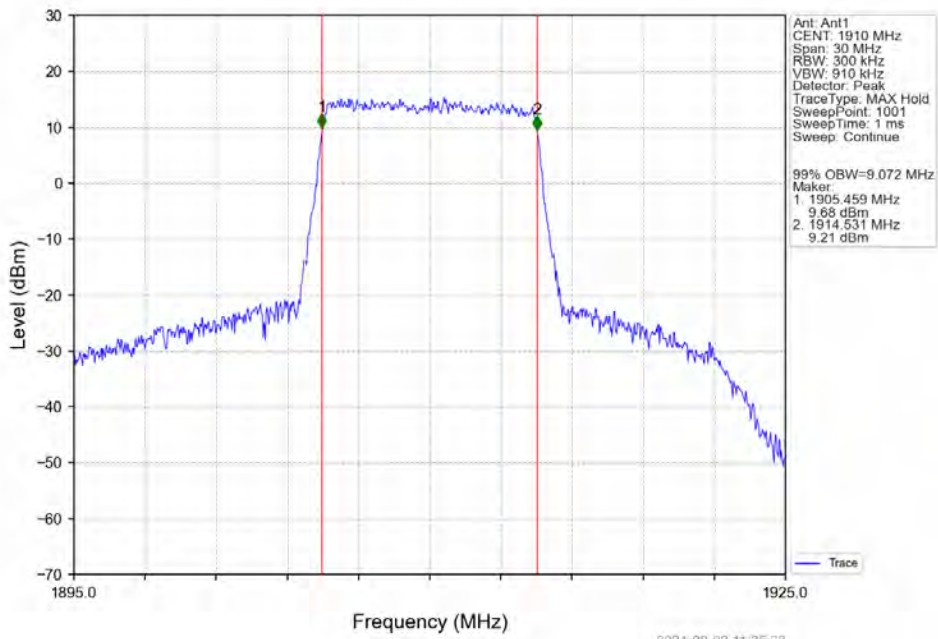
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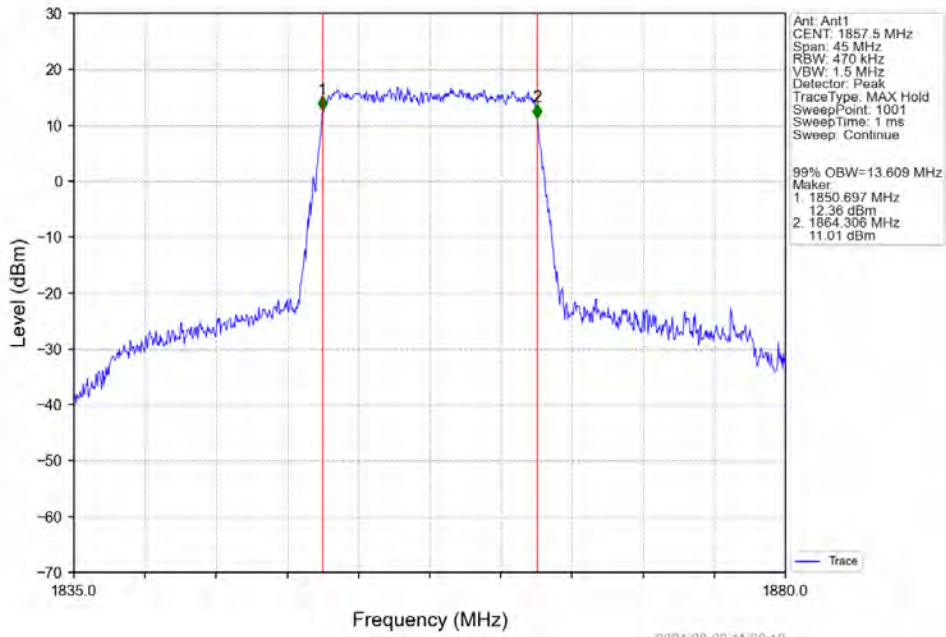
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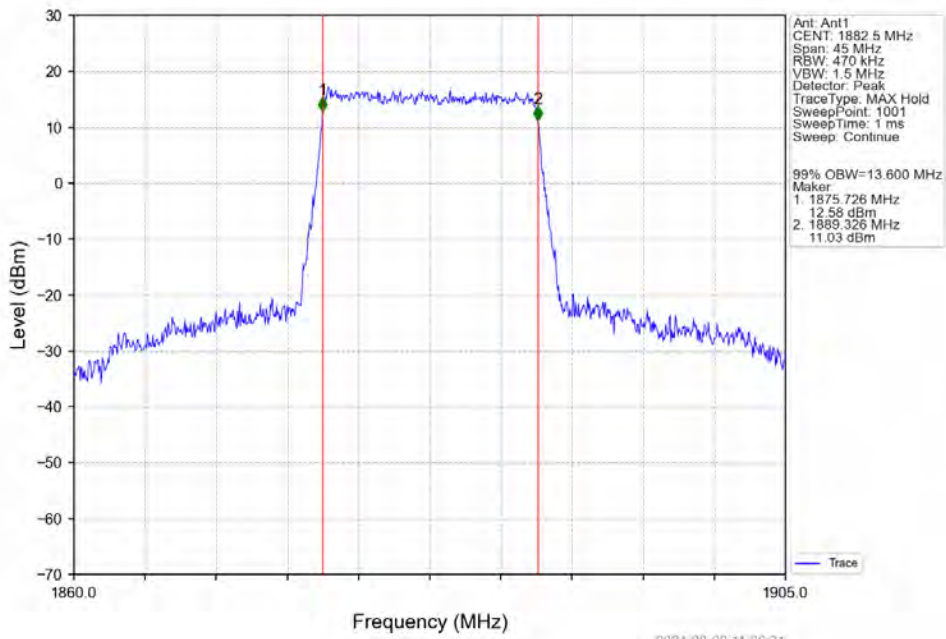
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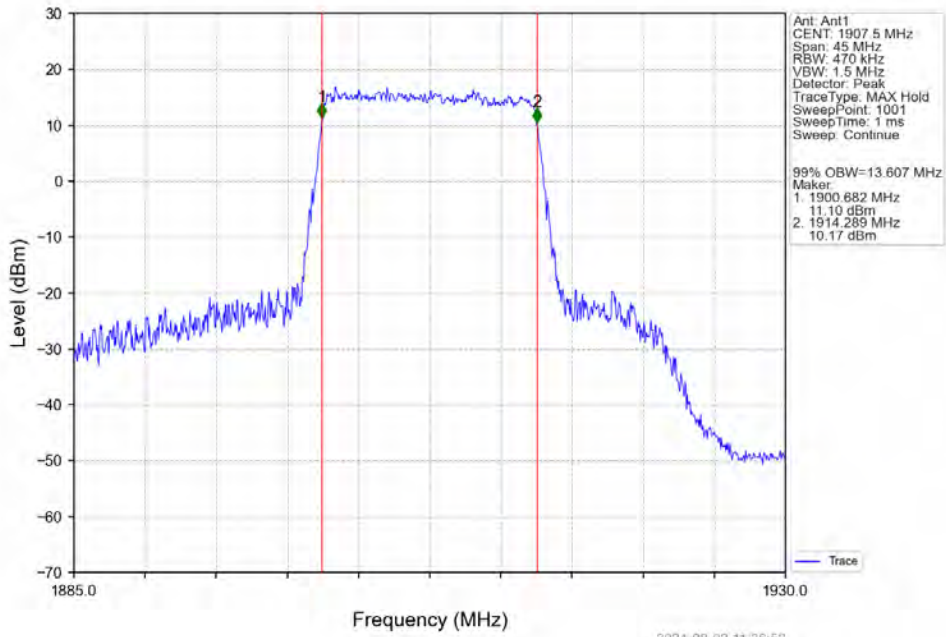
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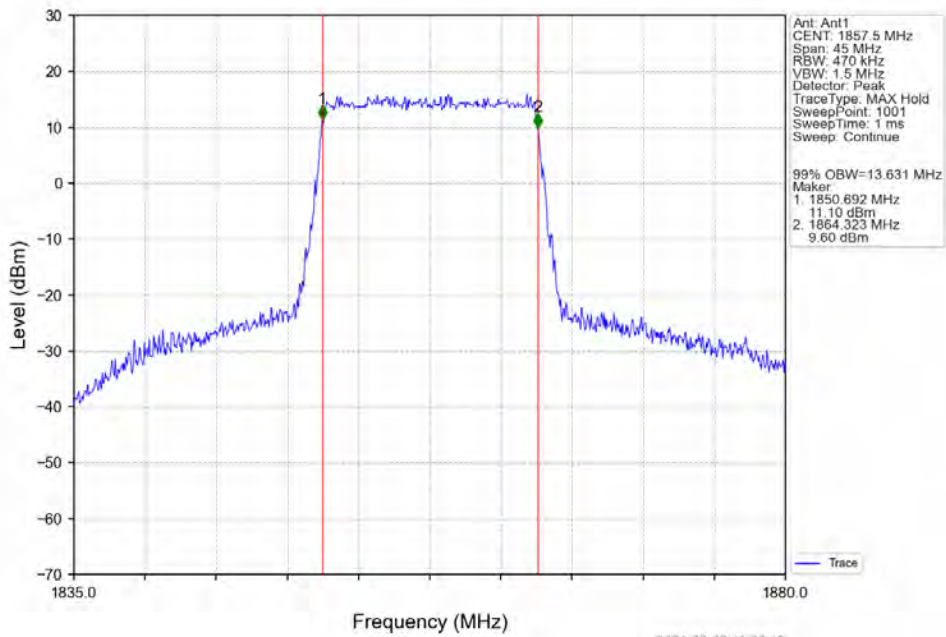
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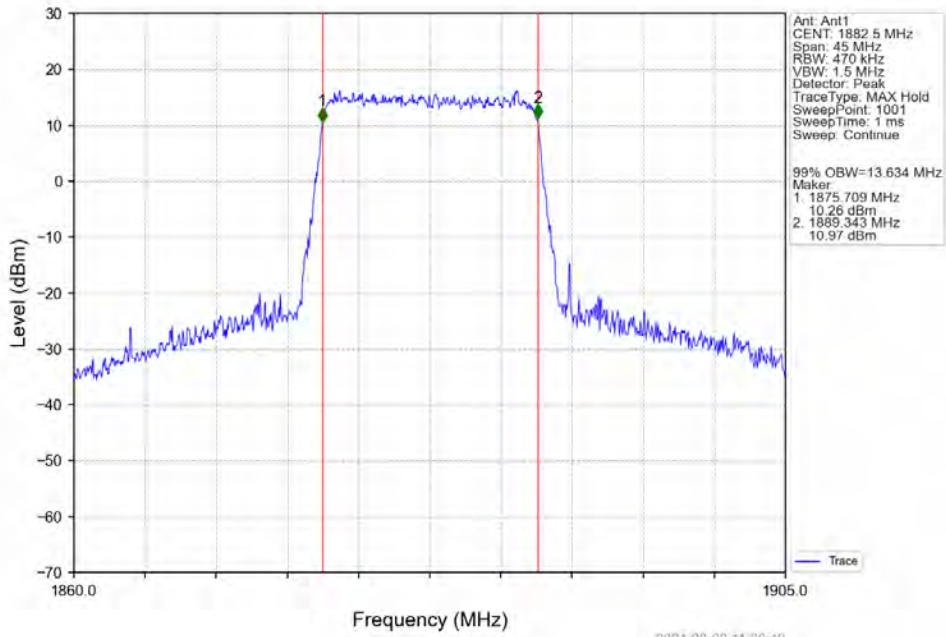
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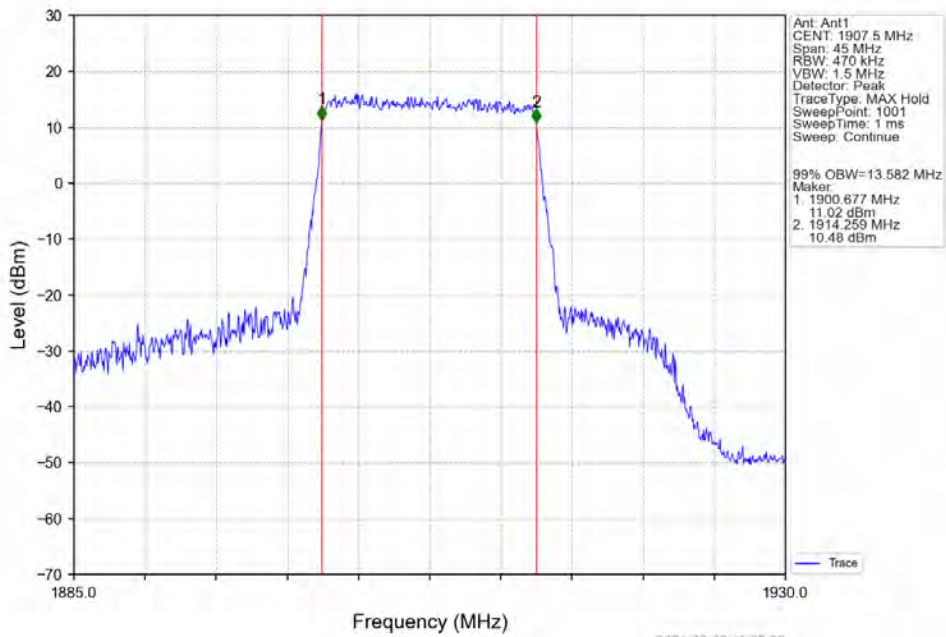
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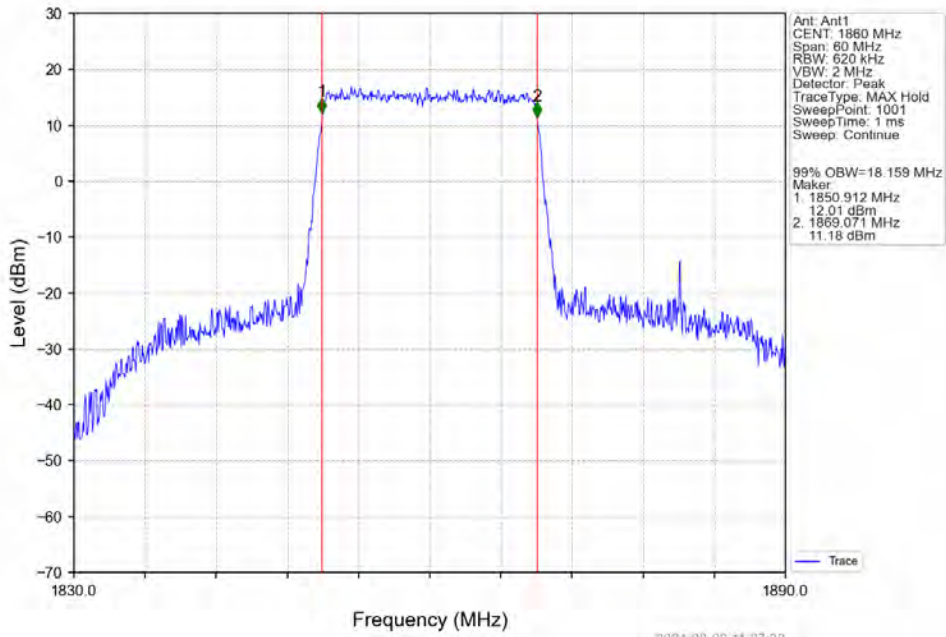
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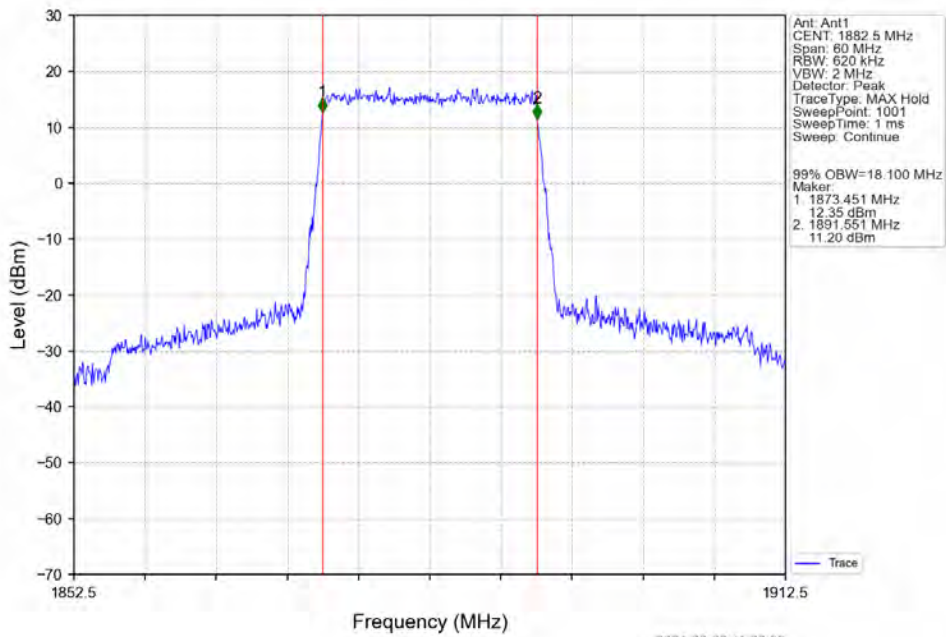
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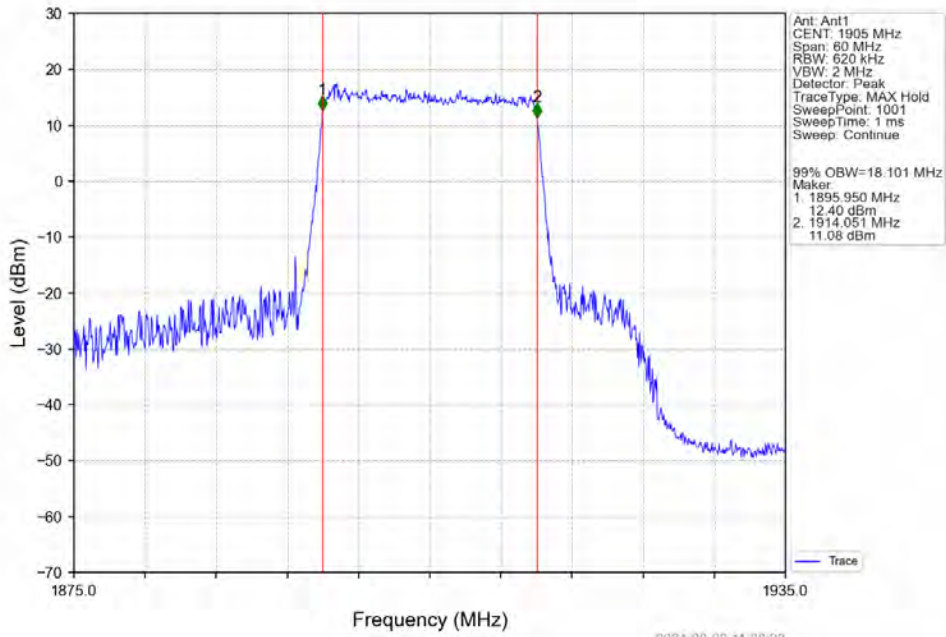
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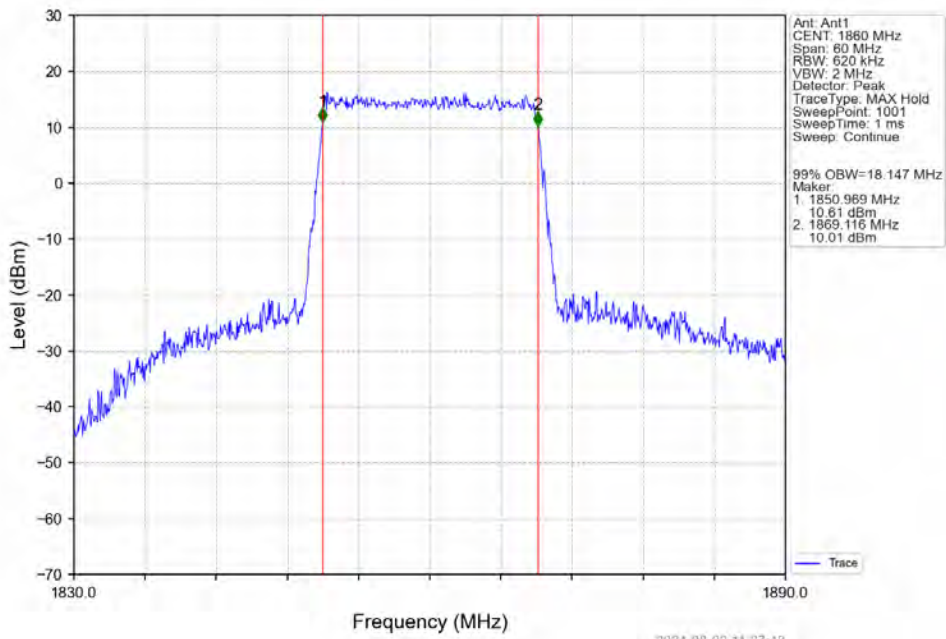
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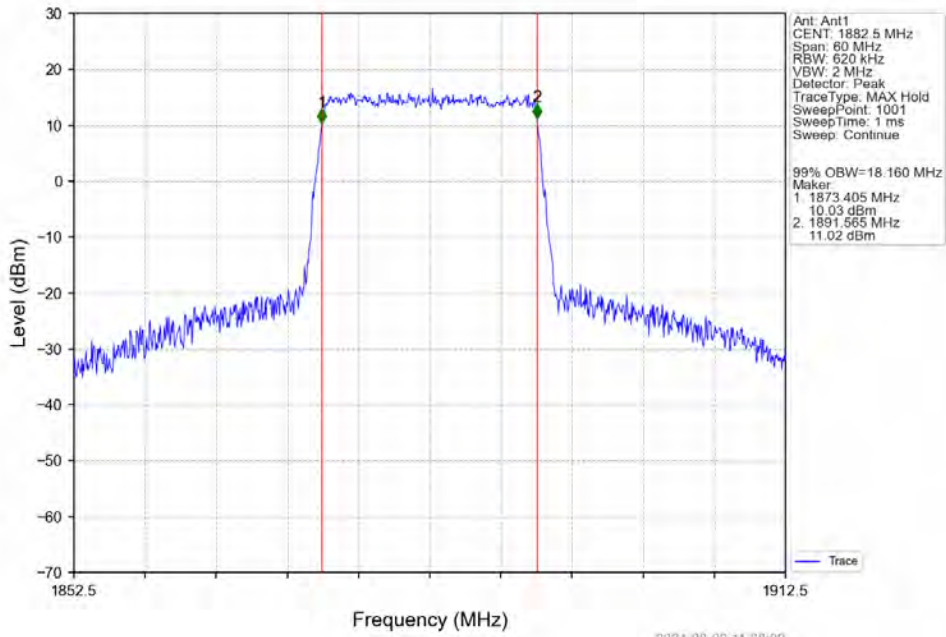
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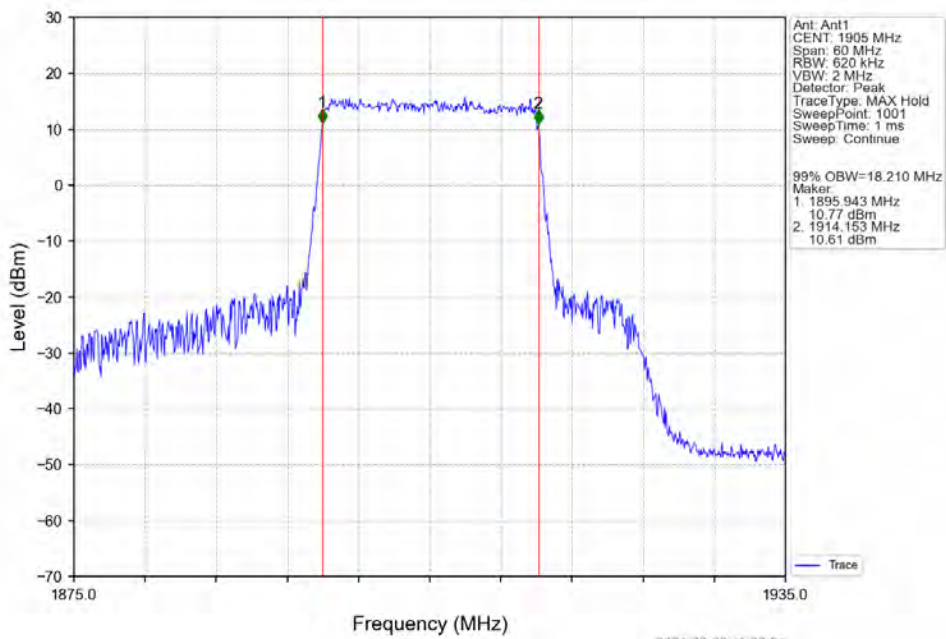
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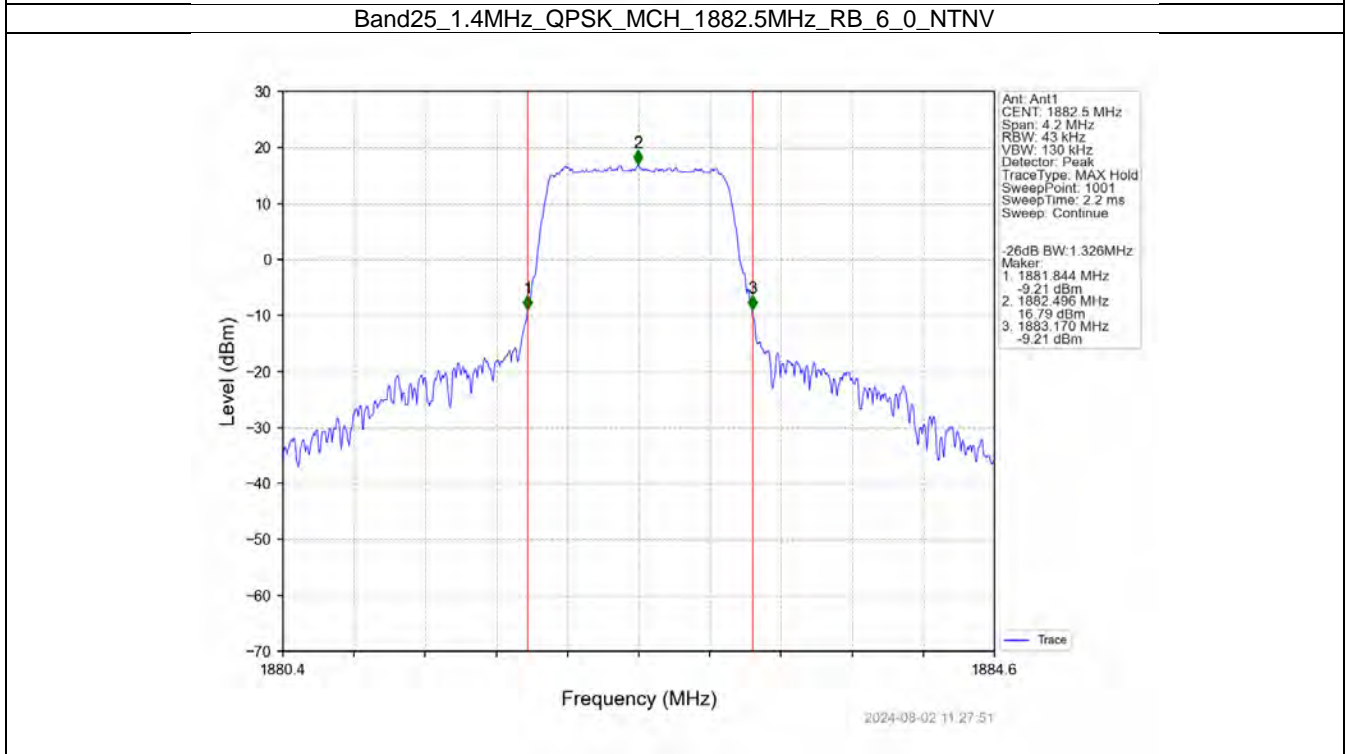
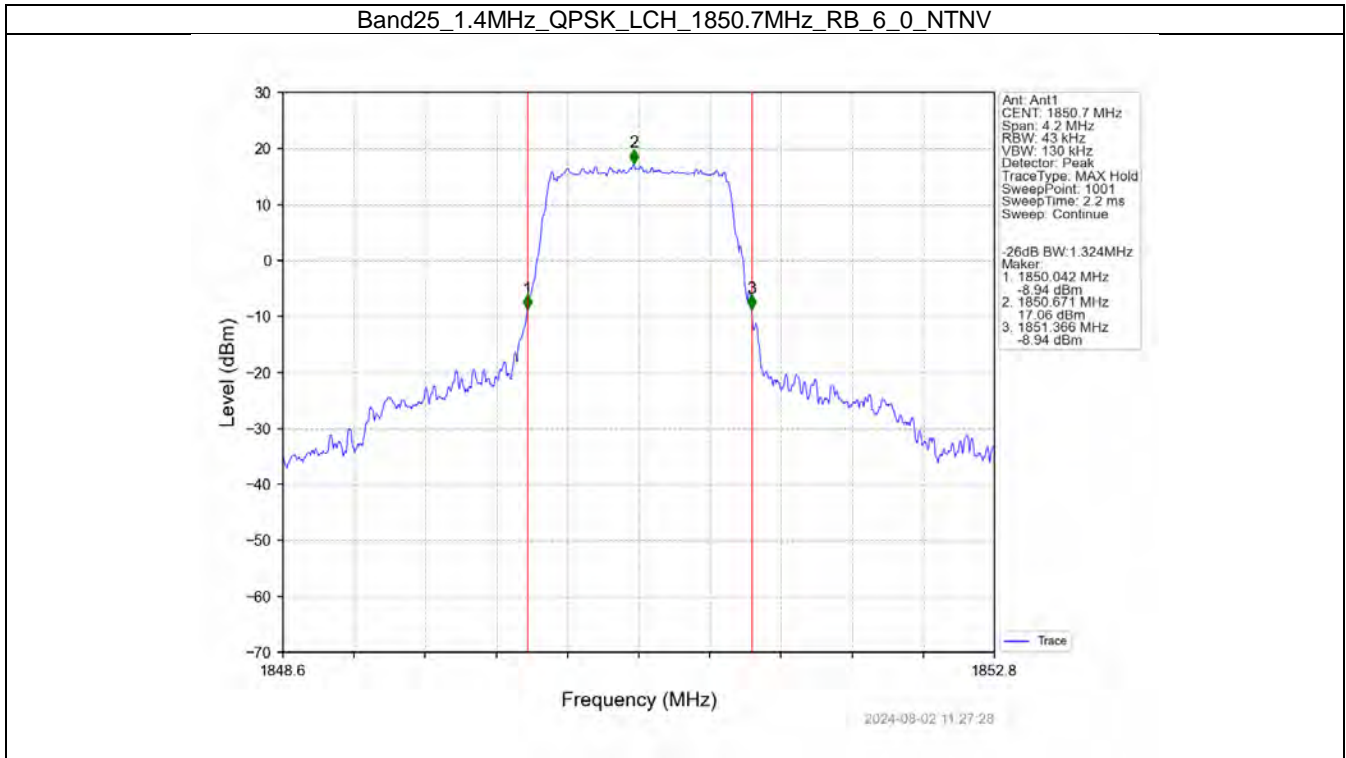
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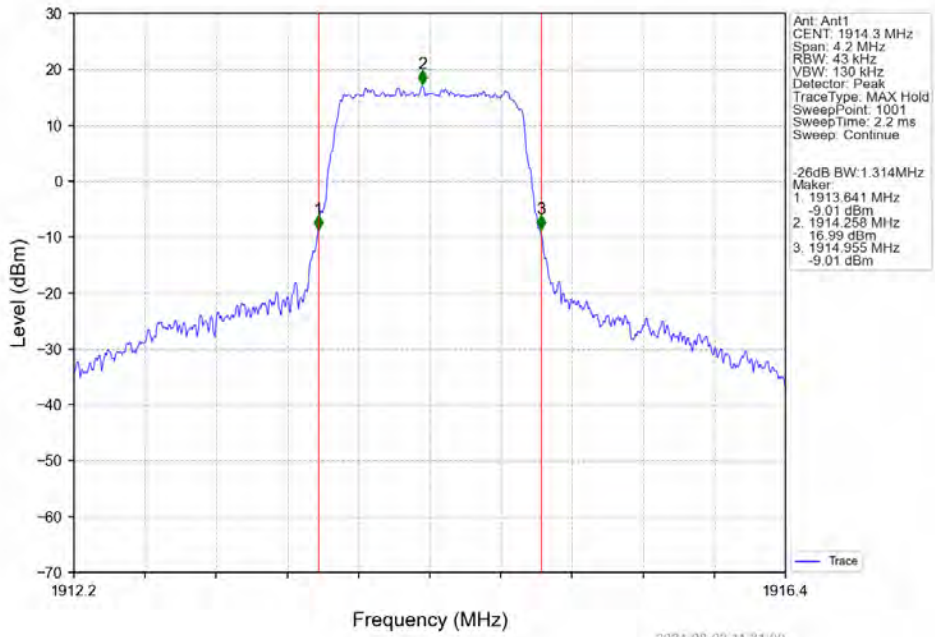
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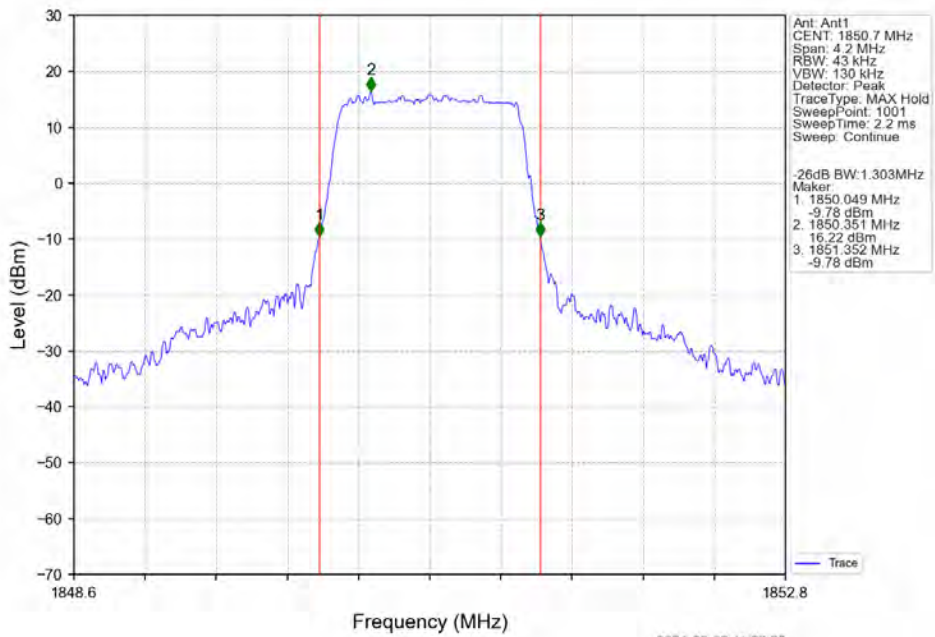
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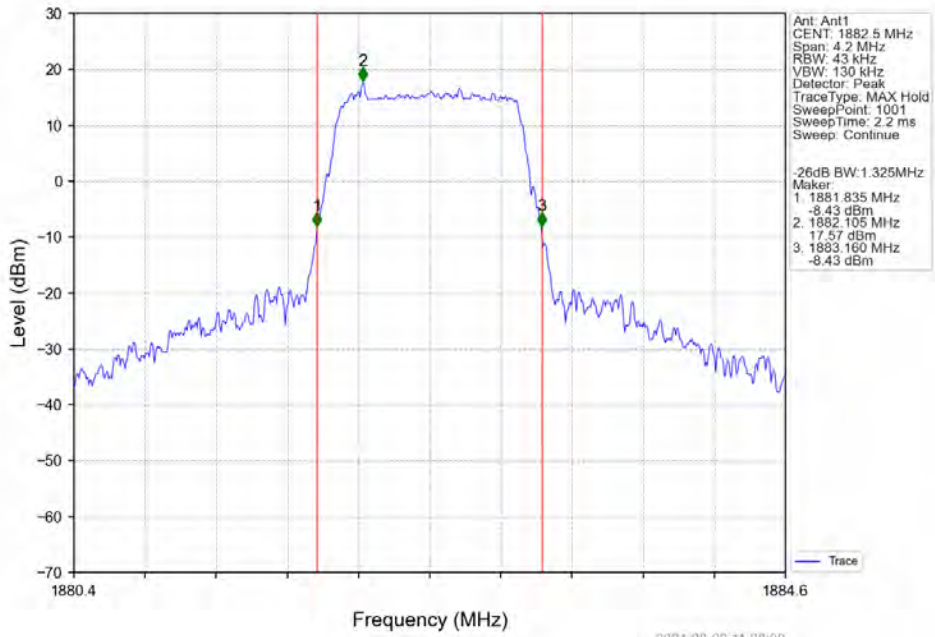
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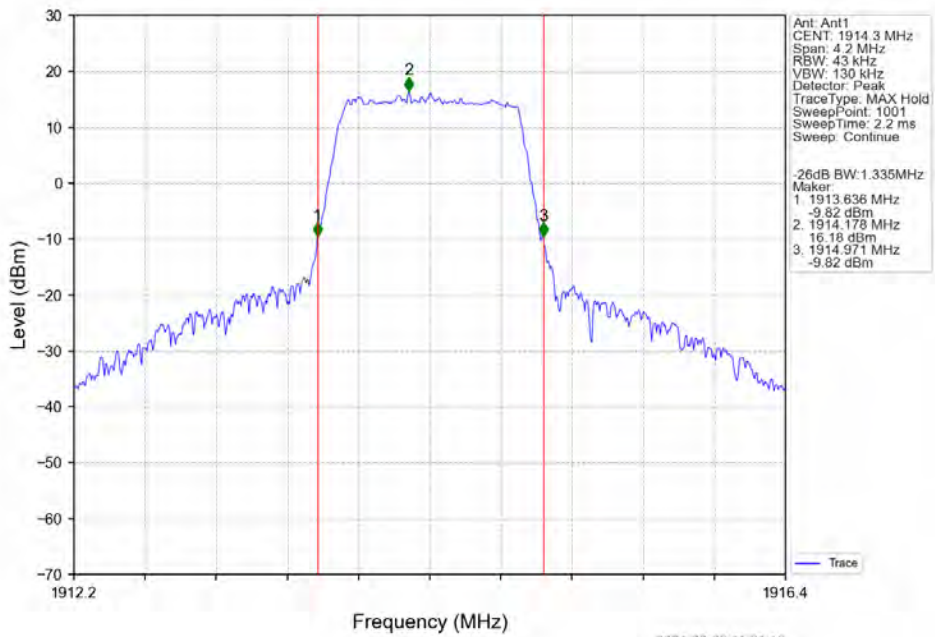
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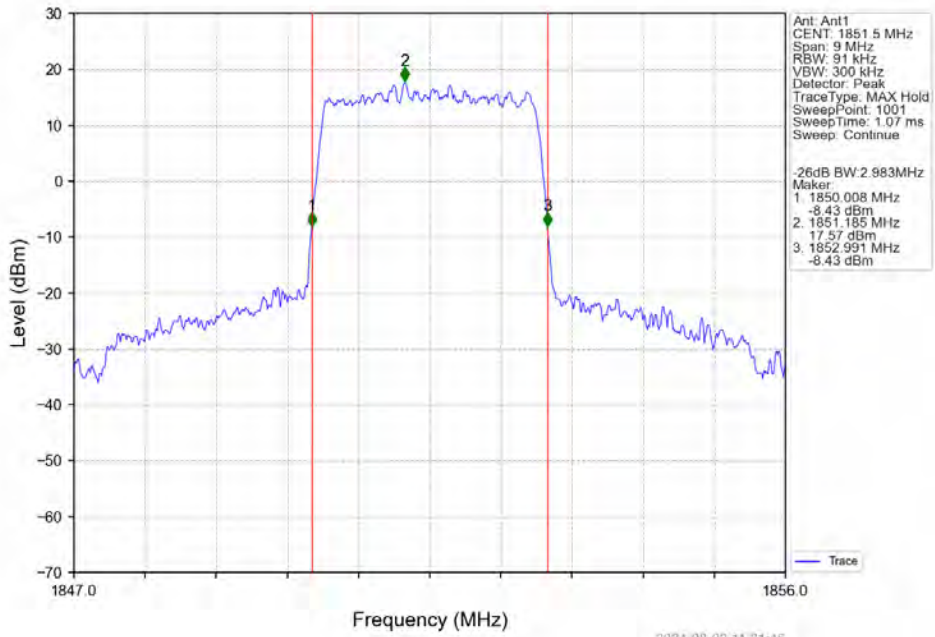
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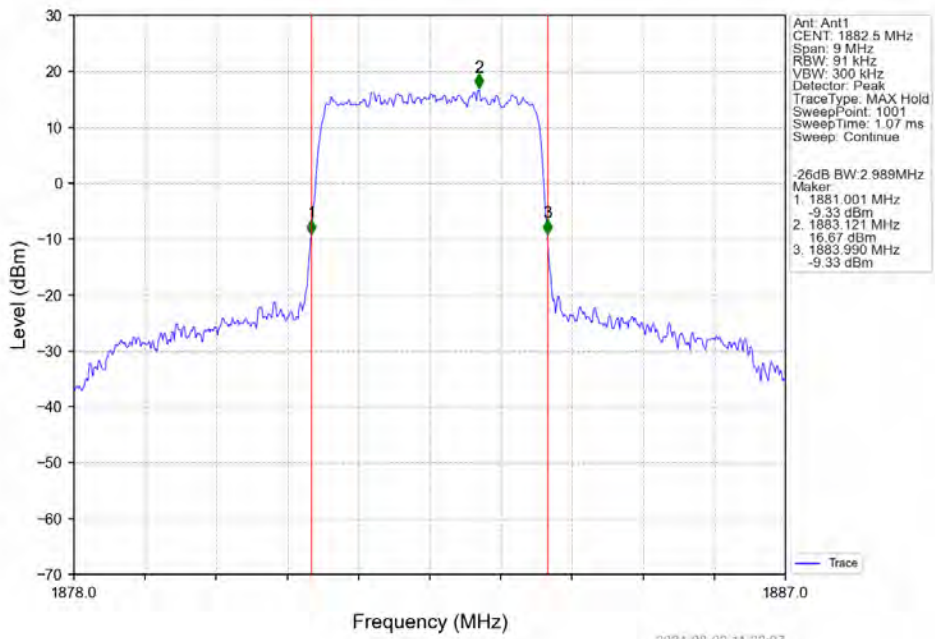
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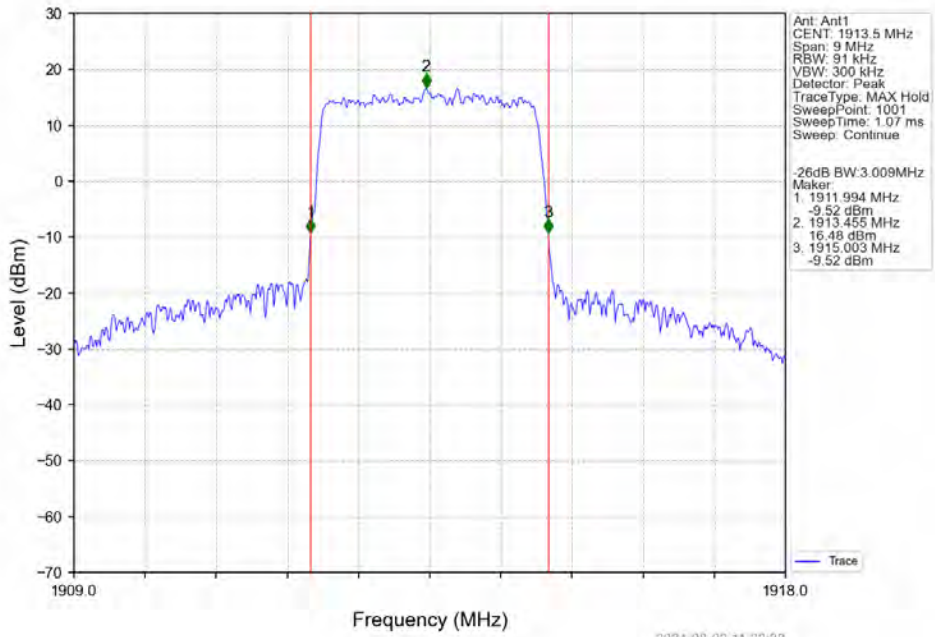
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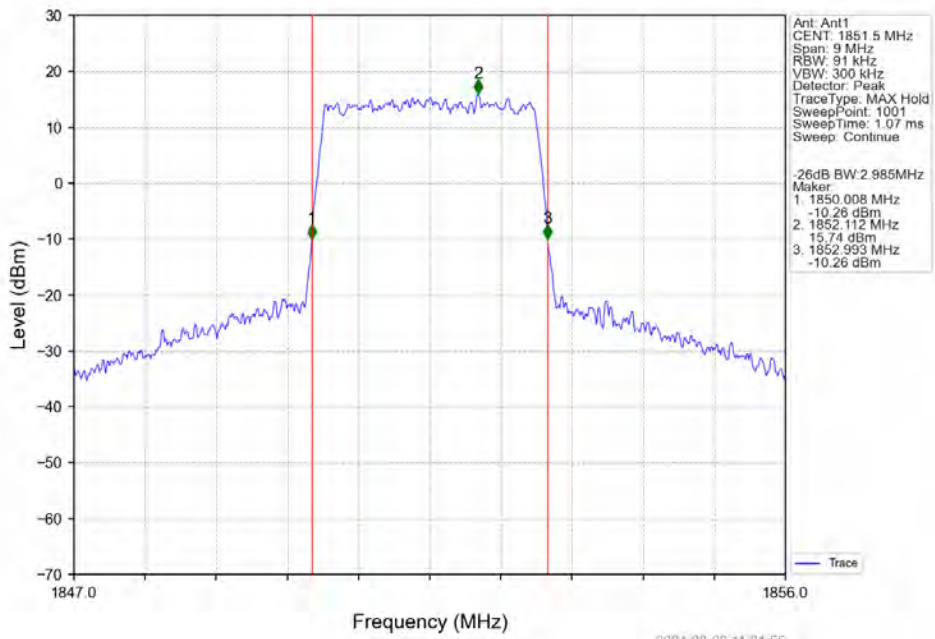
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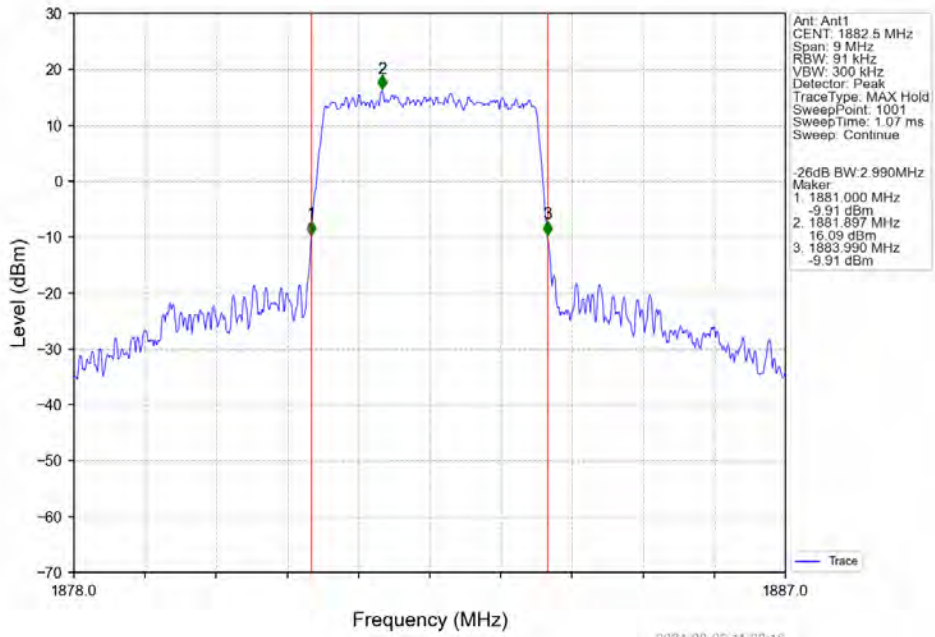
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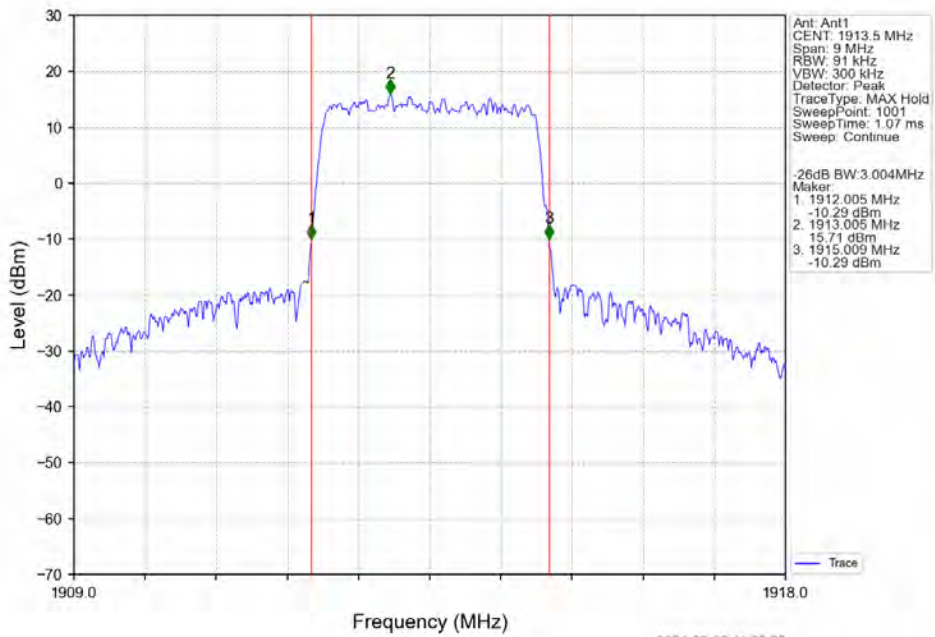
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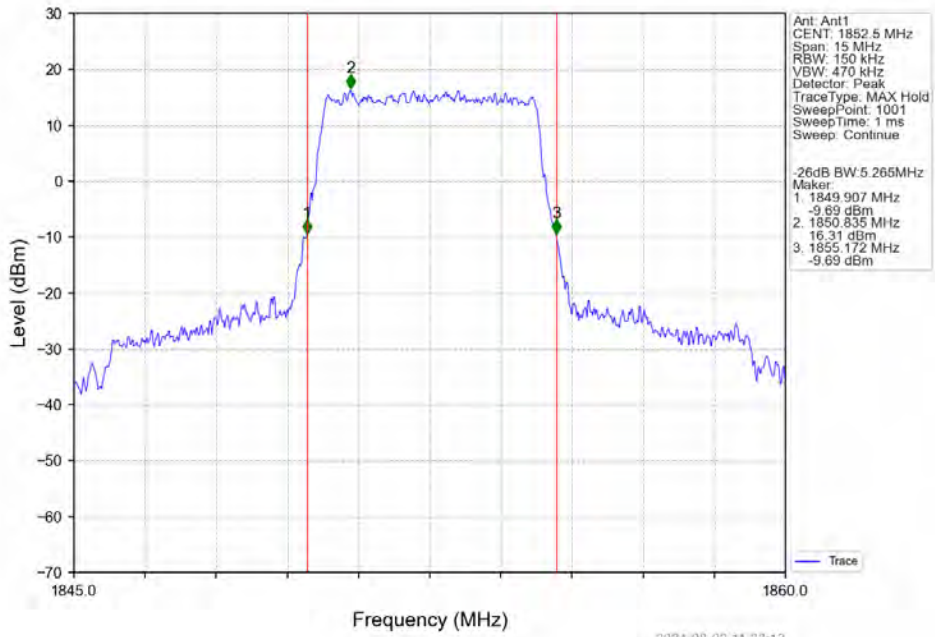
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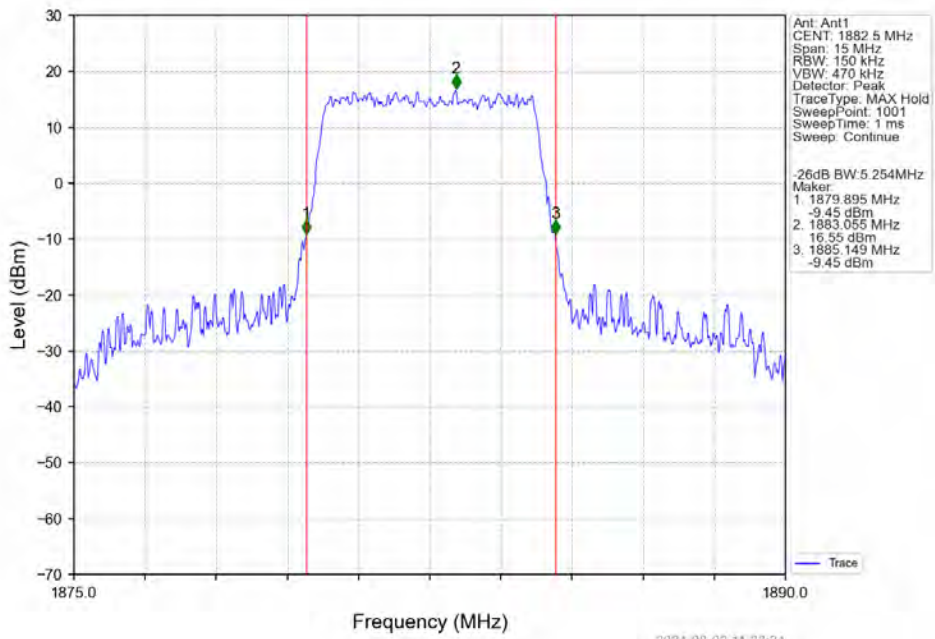
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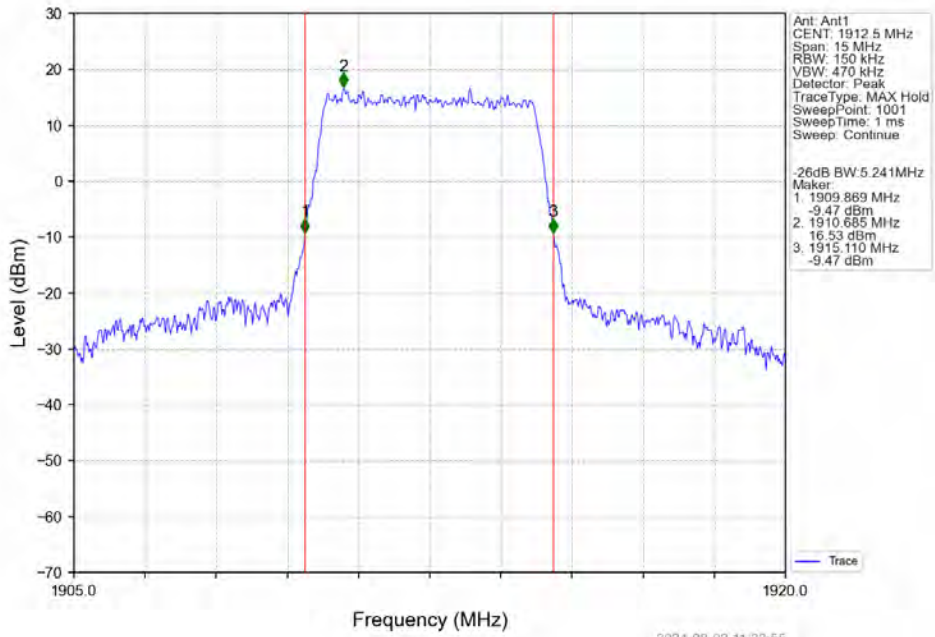
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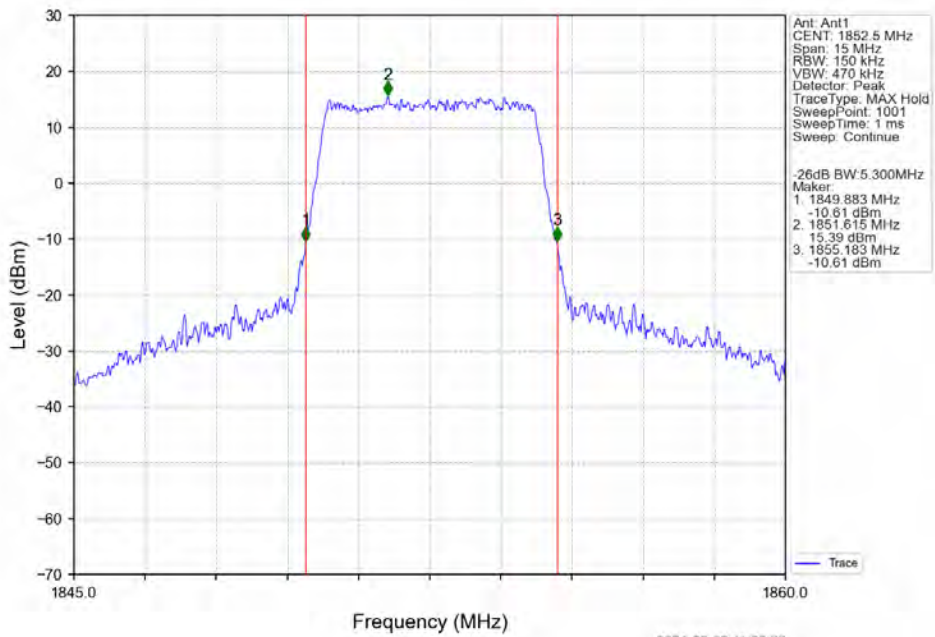
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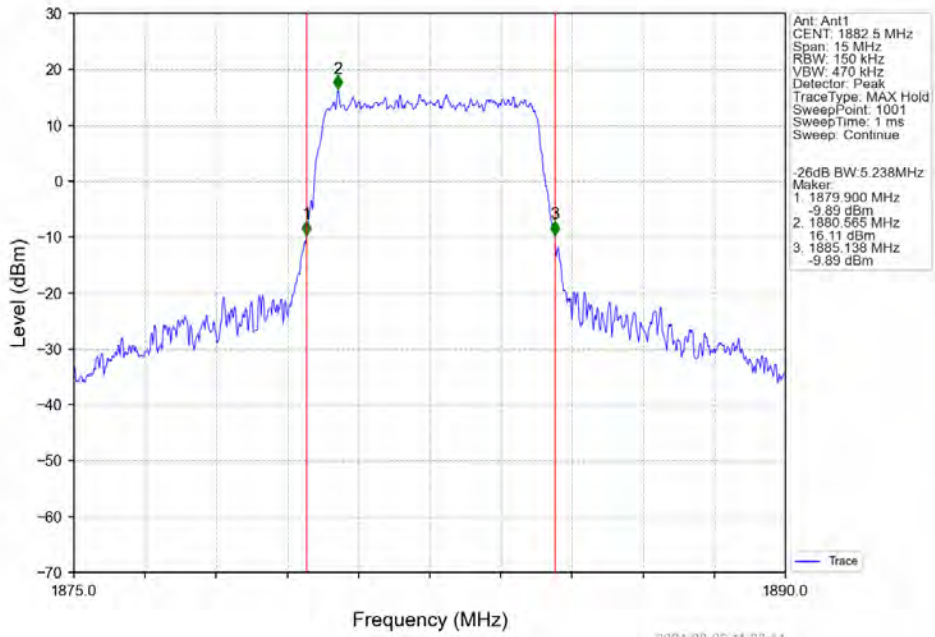
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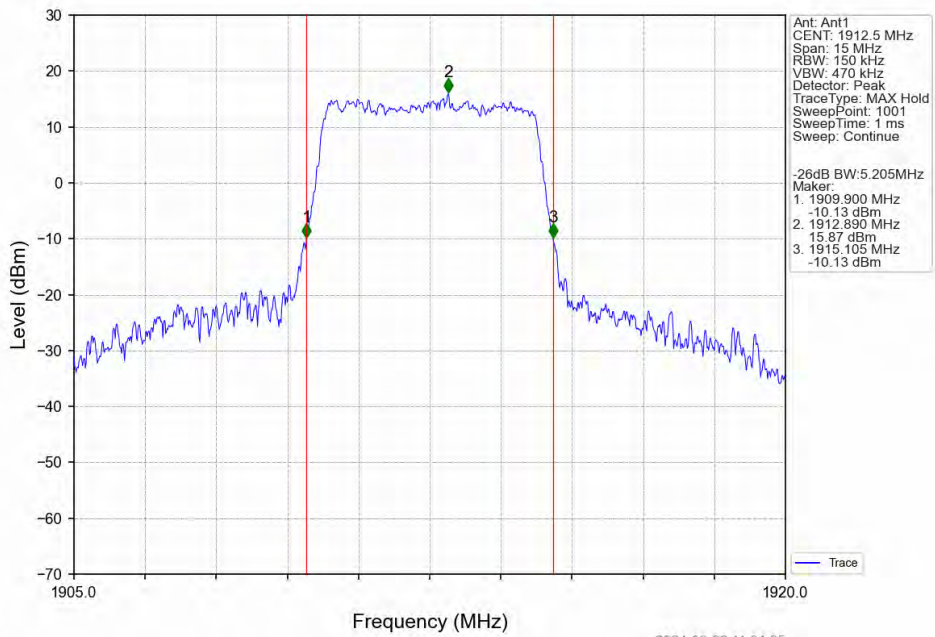
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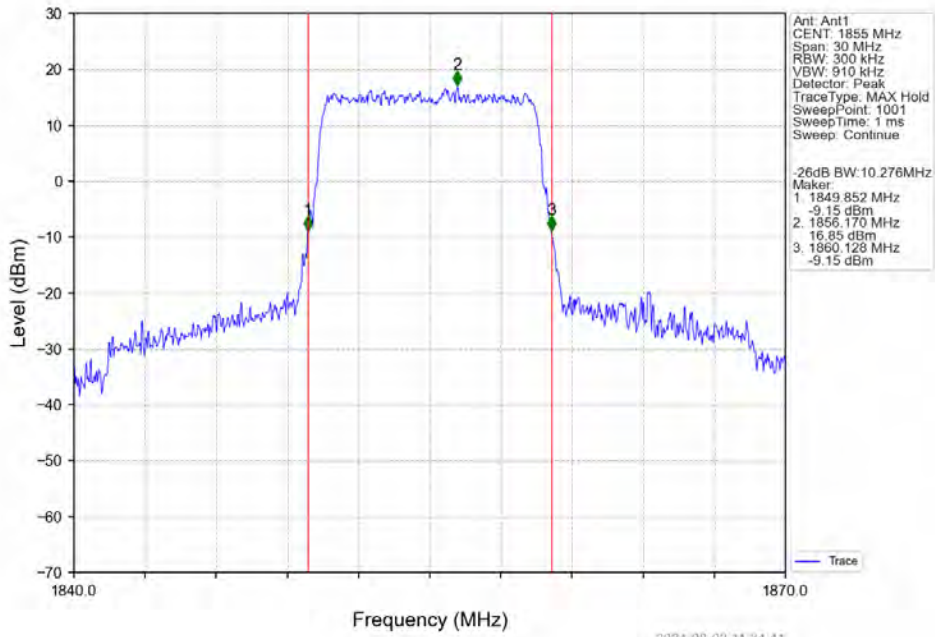
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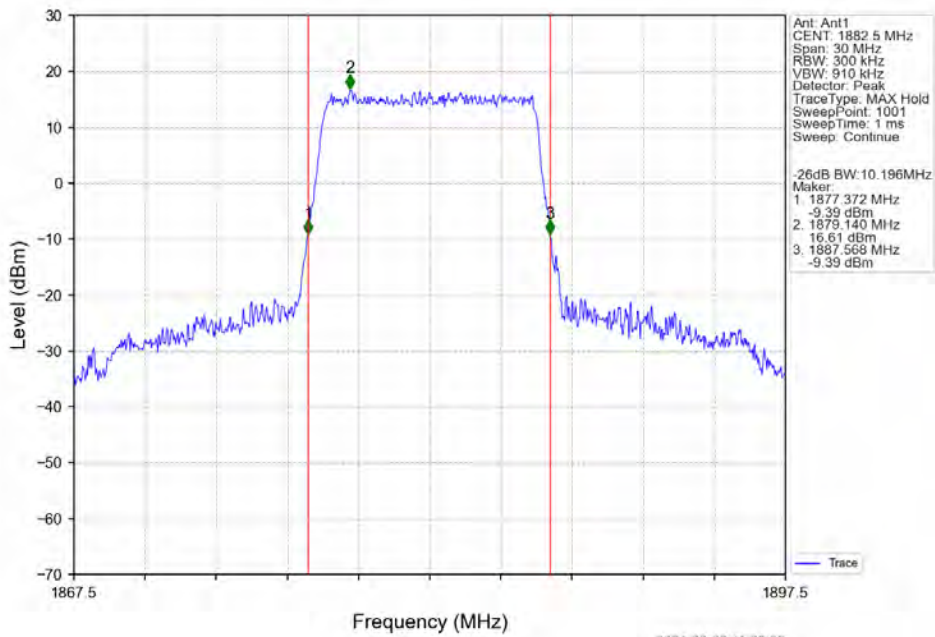
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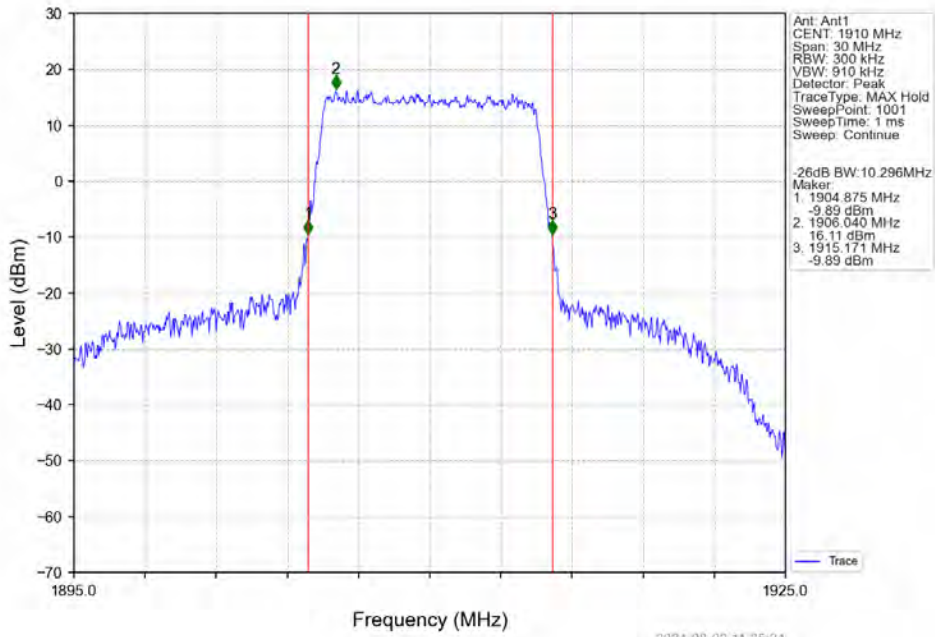
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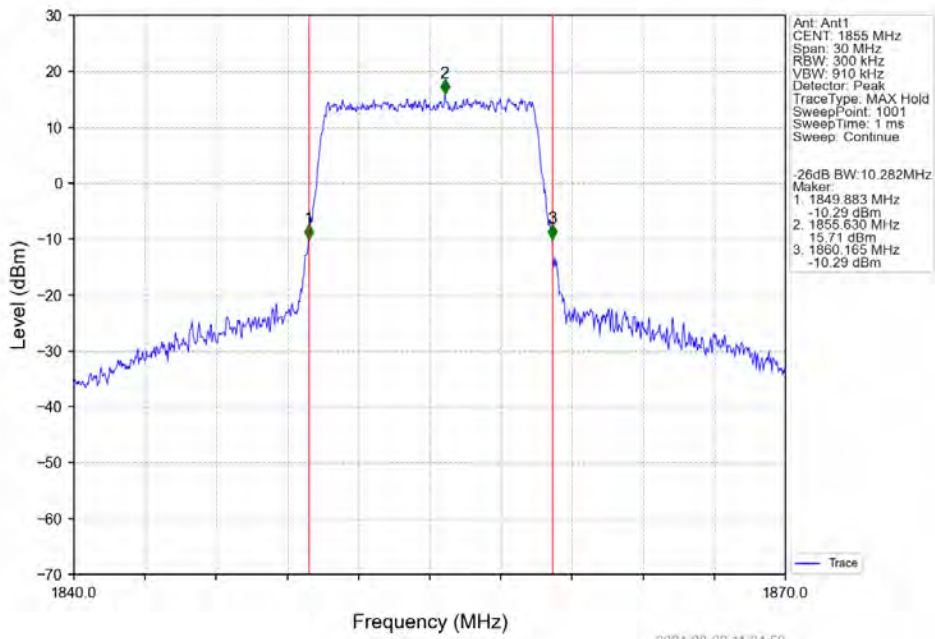
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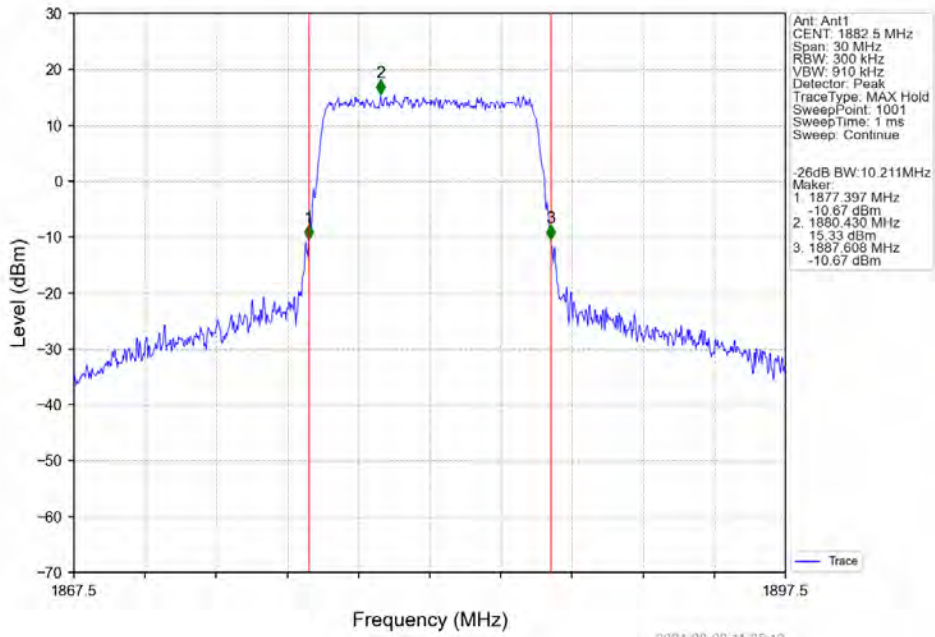
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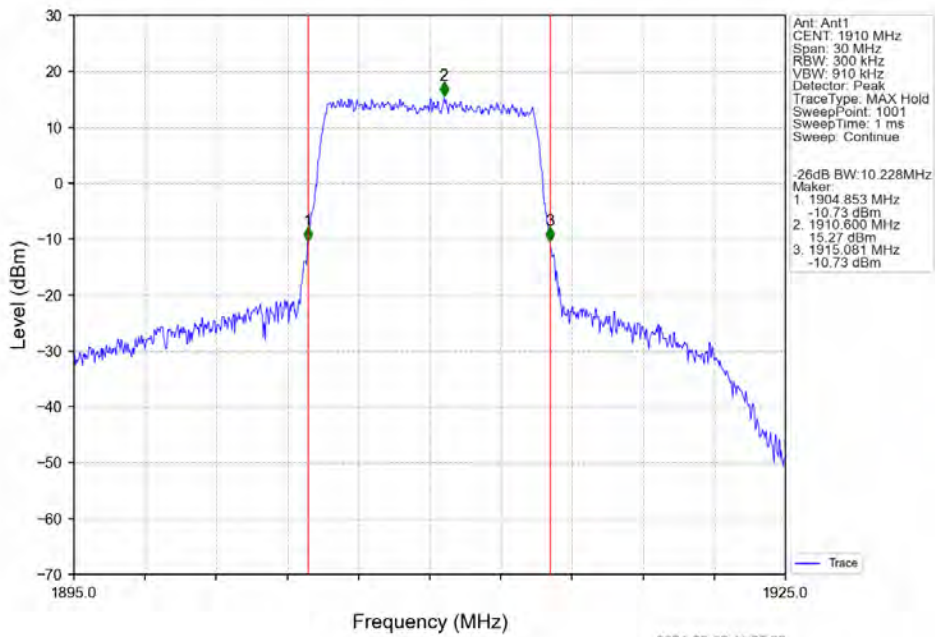


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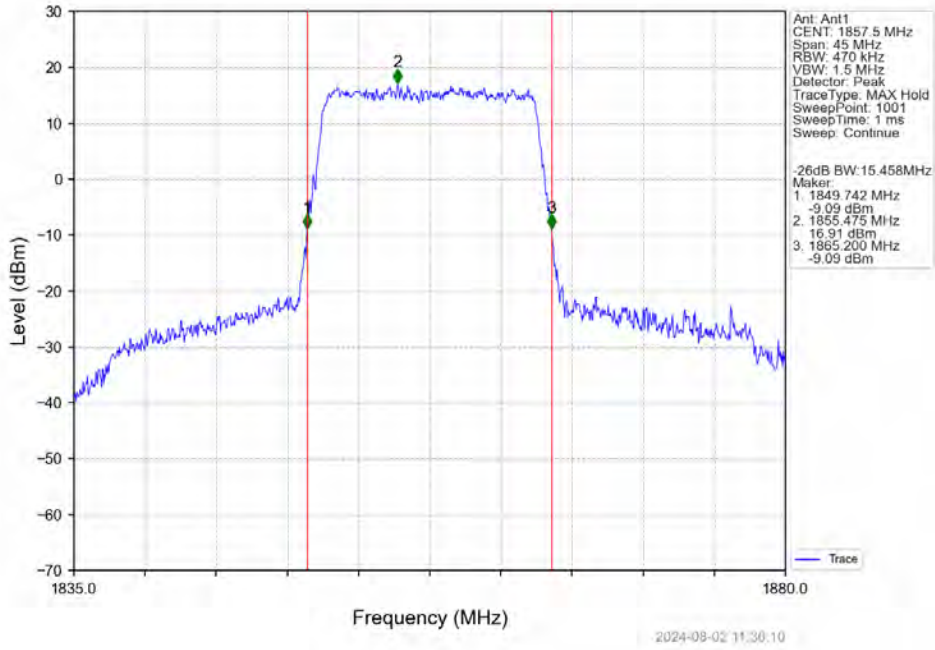
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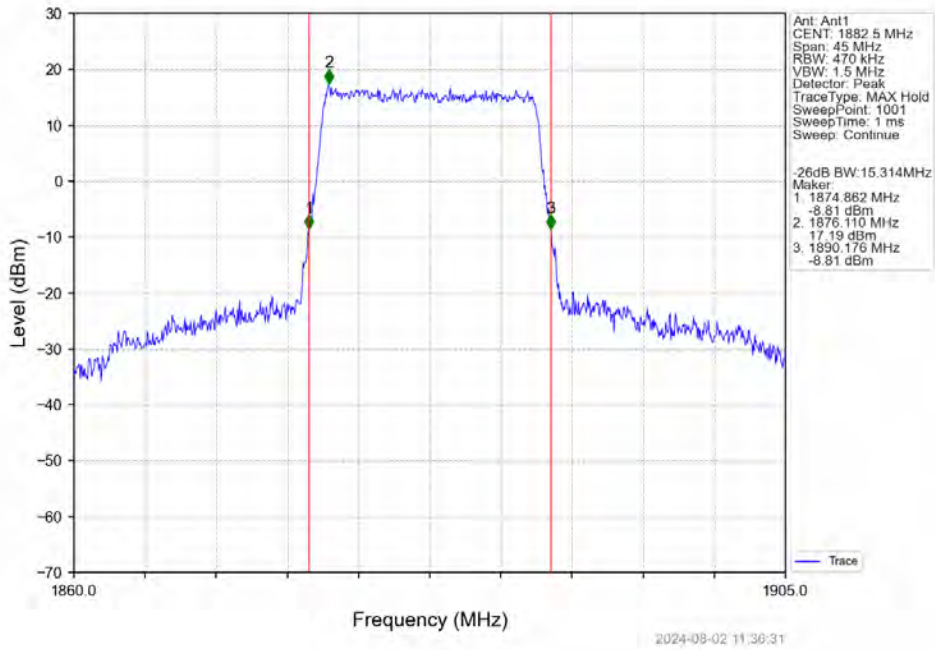


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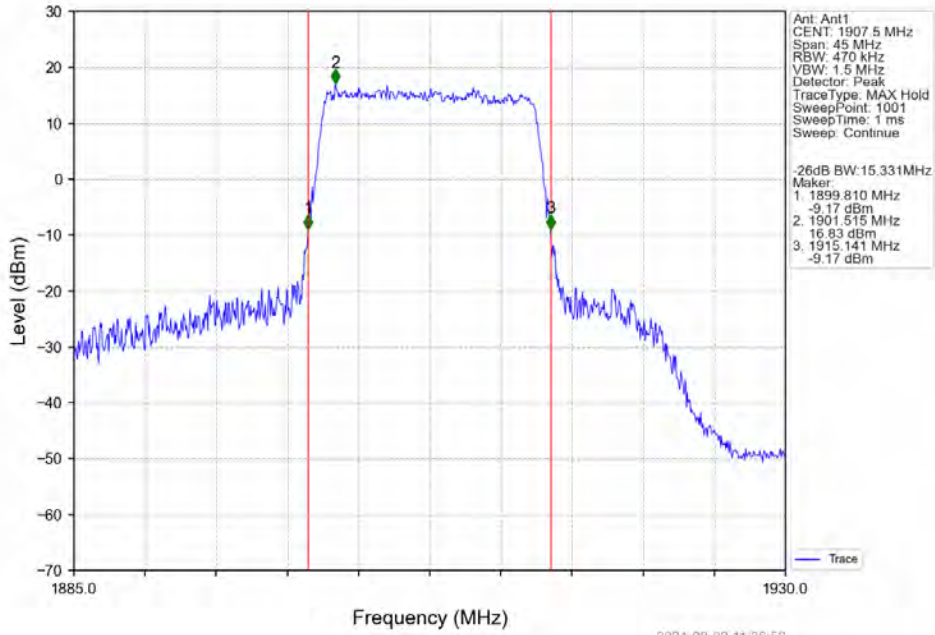
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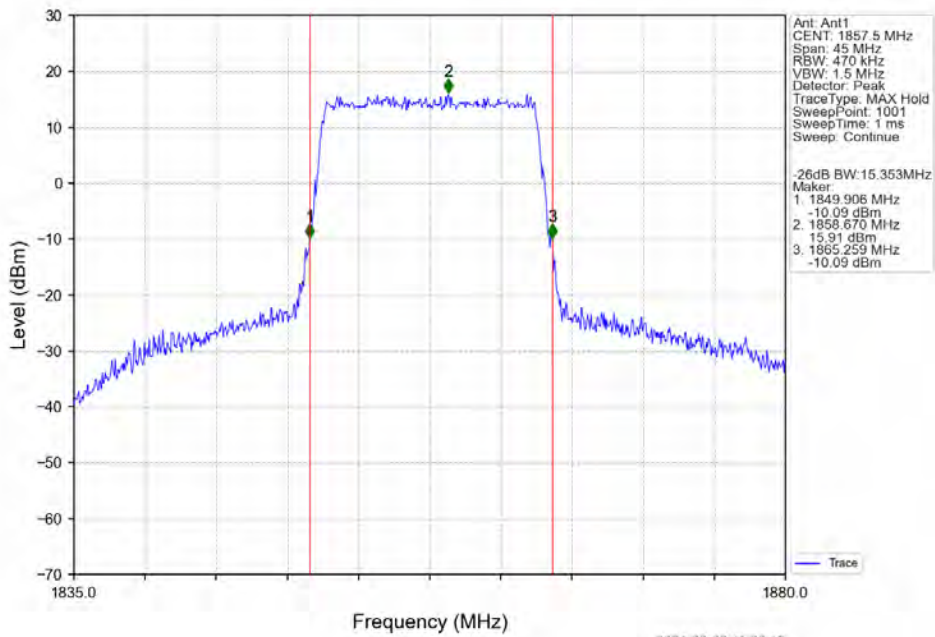
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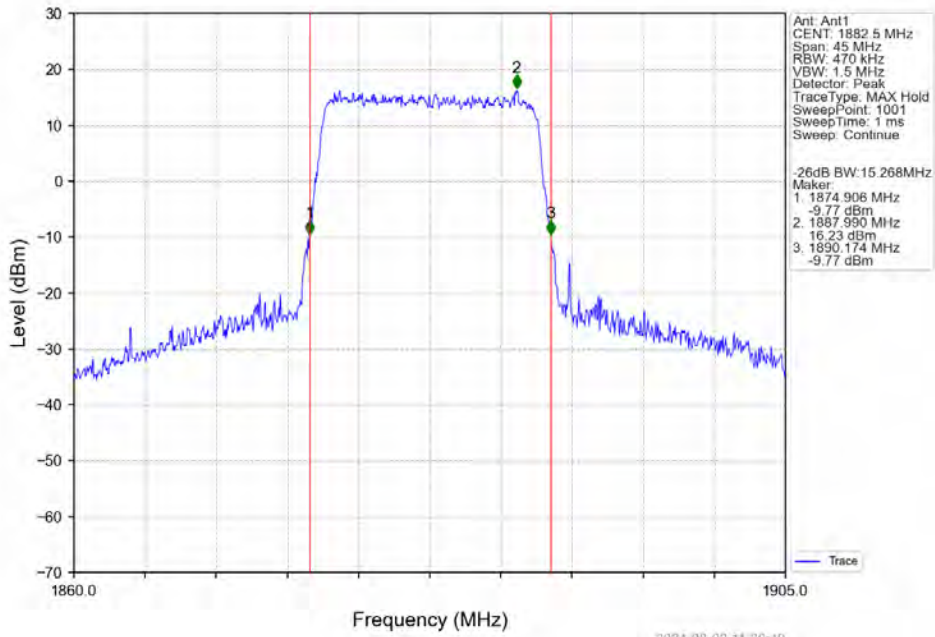
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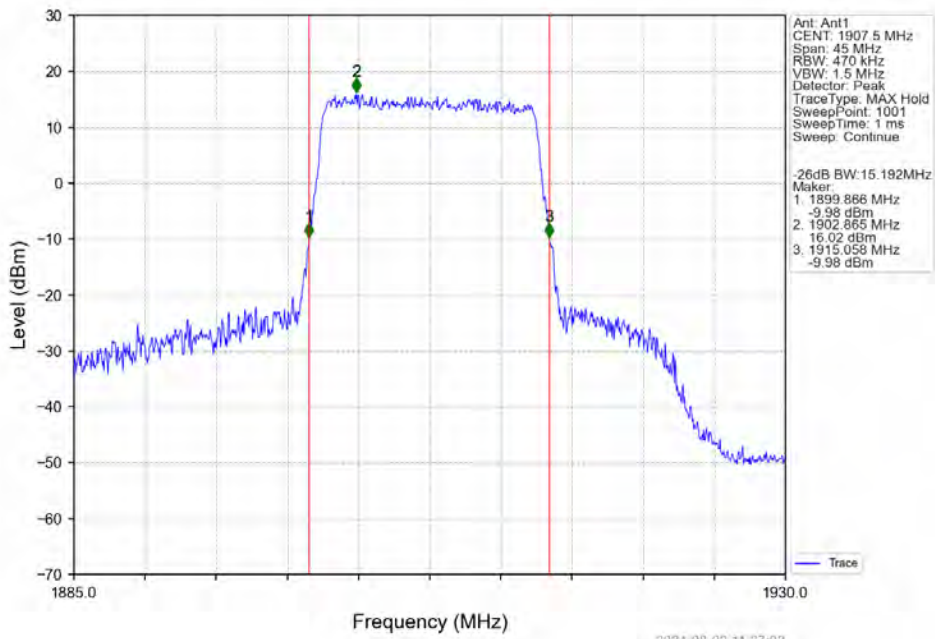
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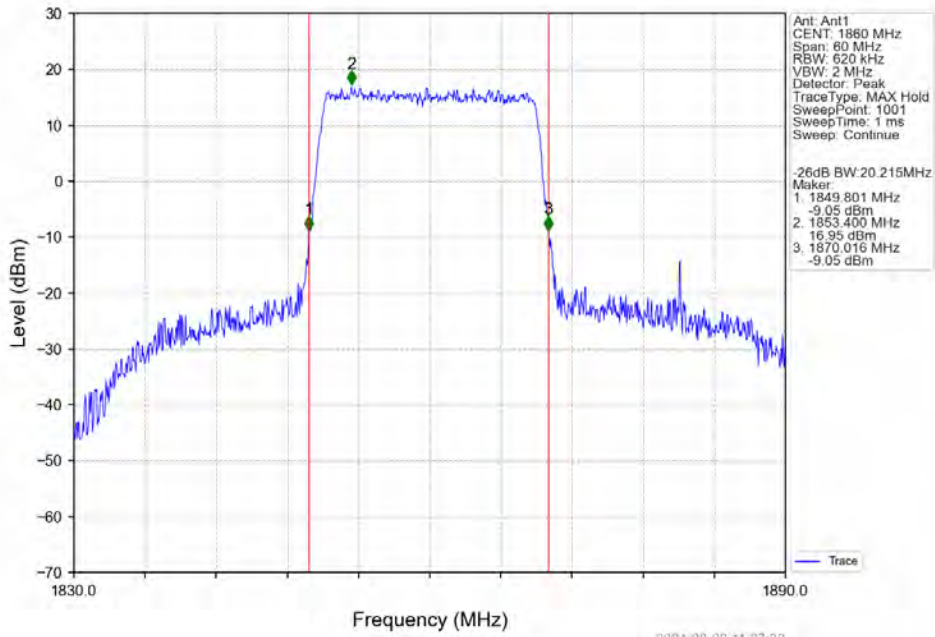
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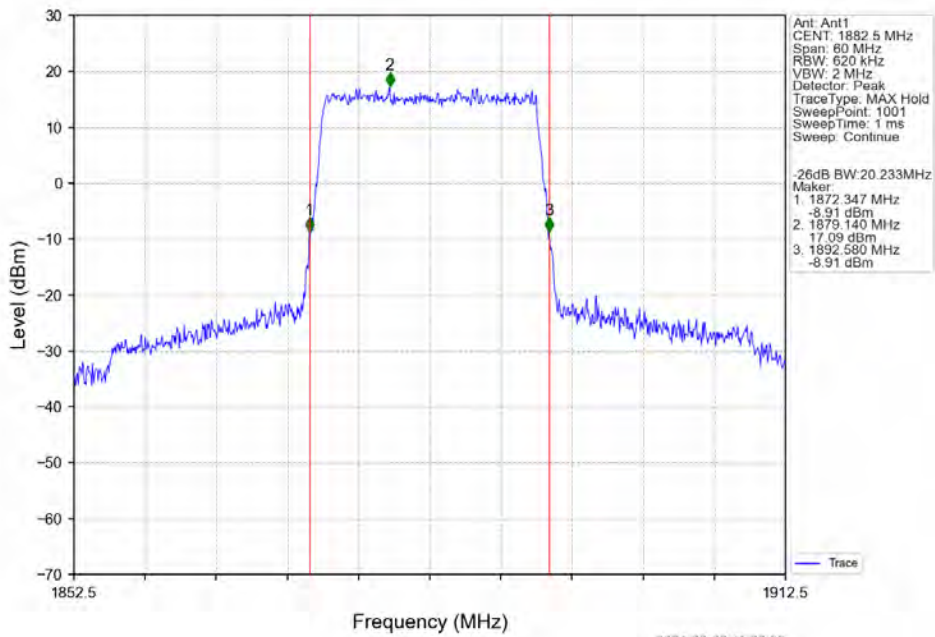
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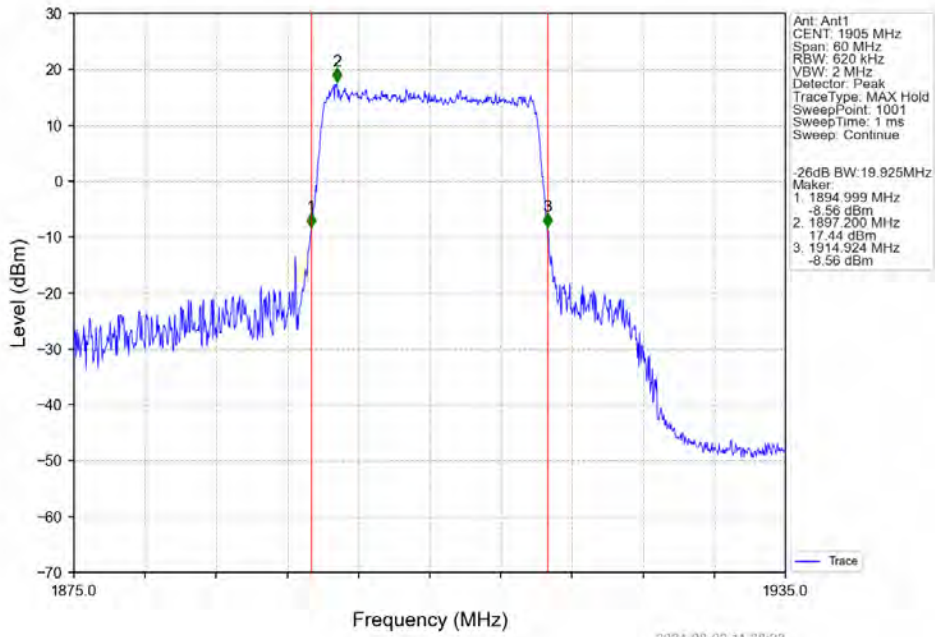
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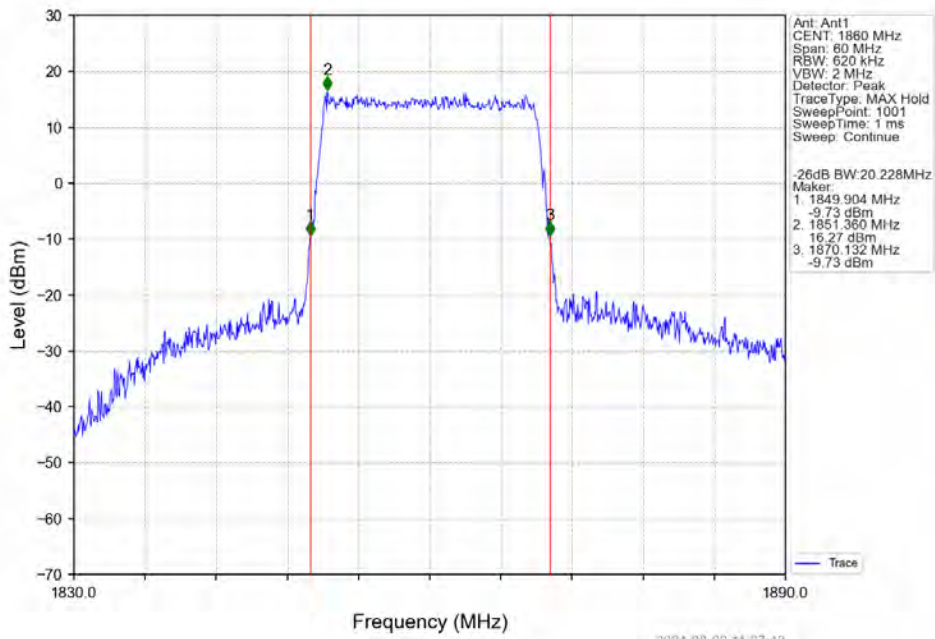
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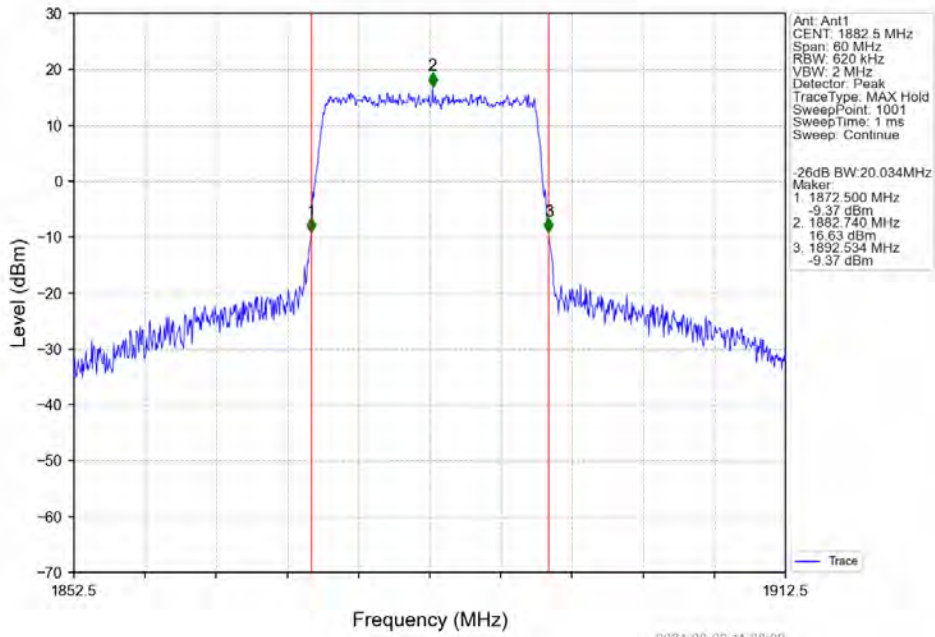
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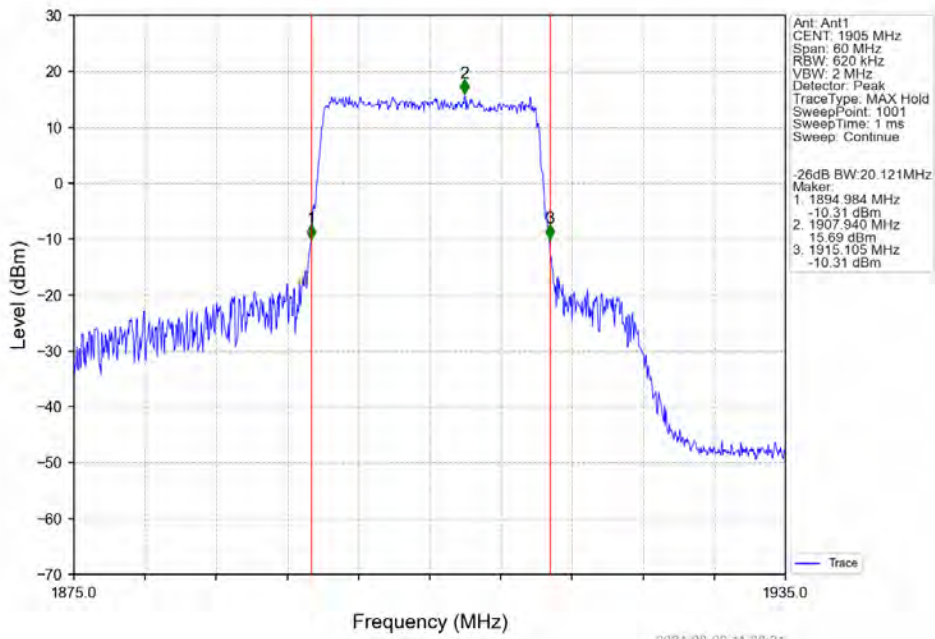
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.37	<=13	Pass
	1882.5	6	0	5.15	<=13	Pass
	1914.3	6	0	5.04	<=13	Pass
16QAM	1850.7	6	0	6.13	<=13	Pass
	1882.5	6	0	5.97	<=13	Pass
	1914.3	6	0	5.83	<=13	Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.40	<=13	Pass
	1882.5	15	0	5.24	<=13	Pass
	1913.5	15	0	5.21	<=13	Pass
16QAM	1851.5	15	0	6.26	<=13	Pass
	1882.5	15	0	6.05	<=13	Pass
	1913.5	15	0	6.02	<=13	Pass

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.61	<=13	Pass
	1882.5	25	0	5.49	<=13	Pass
	1912.5	25	0	5.48	<=13	Pass
16QAM	1852.5	25	0	6.29	<=13	Pass
	1882.5	25	0	6.16	<=13	Pass
	1912.5	25	0	6.14	<=13	Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.54	<=13	Pass
	1882.5	50	0	5.50	<=13	Pass
	1910	50	0	5.51	<=13	Pass
16QAM	1855	50	0	6.28	<=13	Pass
	1882.5	50	0	6.25	<=13	Pass

	1910	50	0	6.23	<=13	Pass
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5.1.5 B25_15MHz

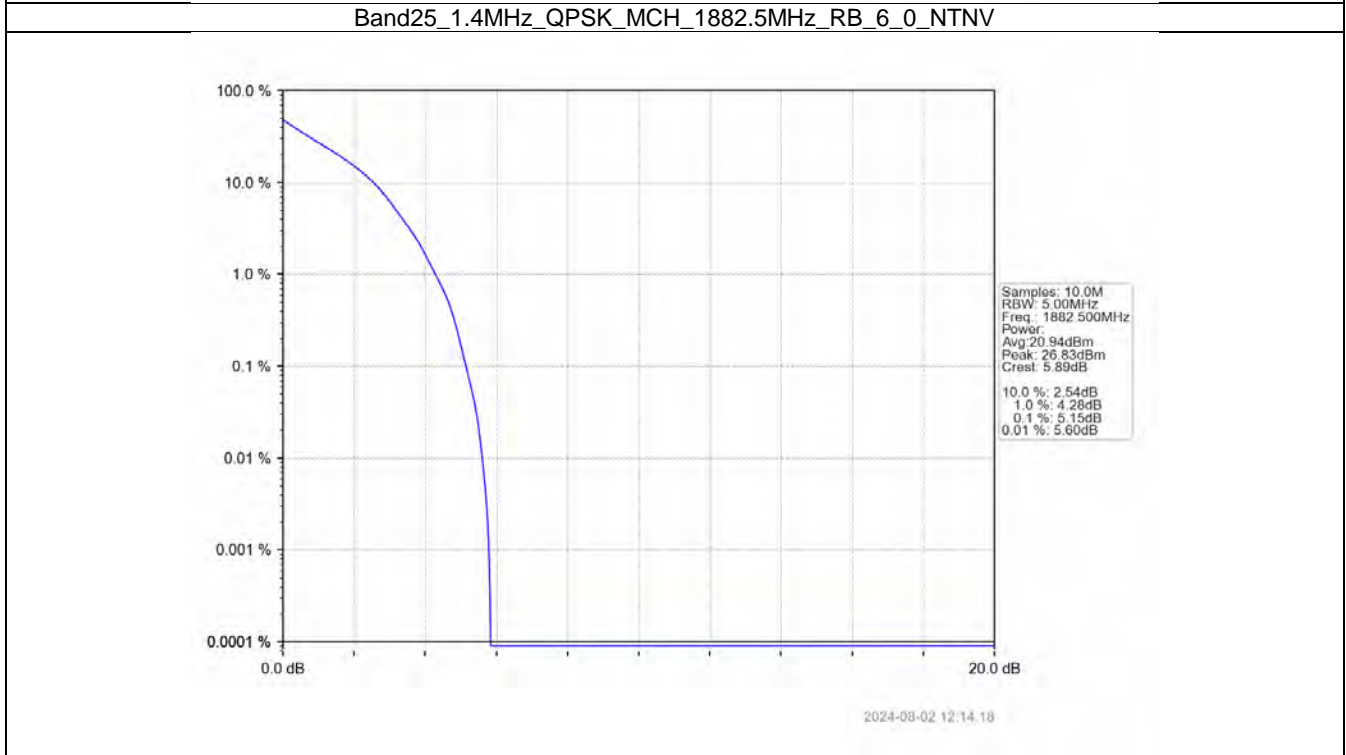
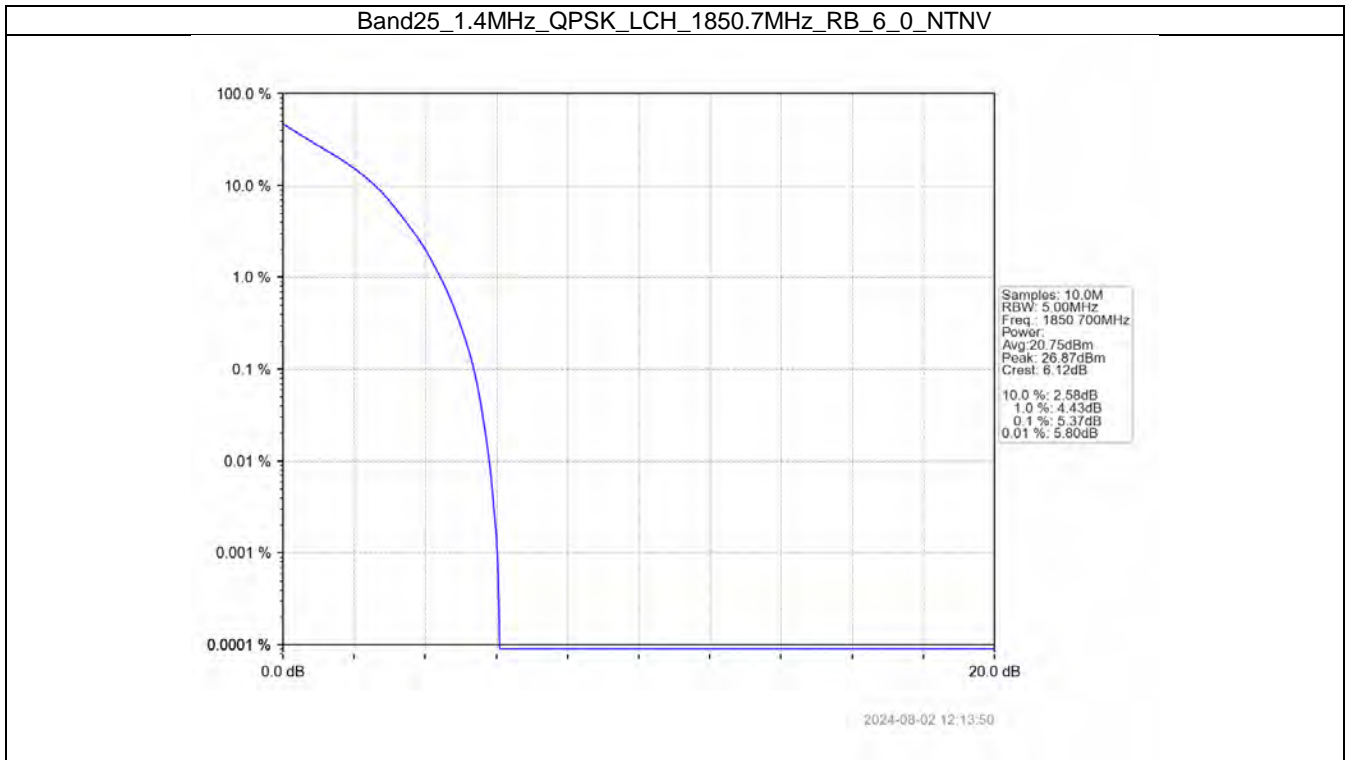
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.79	<=13	Pass
	1882.5	75	0	5.70	<=13	Pass
	1907.5	75	0	5.76	<=13	Pass
16QAM	1857.5	75	0	6.33	<=13	Pass
	1882.5	75	0	6.26	<=13	Pass
	1907.5	75	0	6.31	<=13	Pass

5.1.6 B25_20MHz

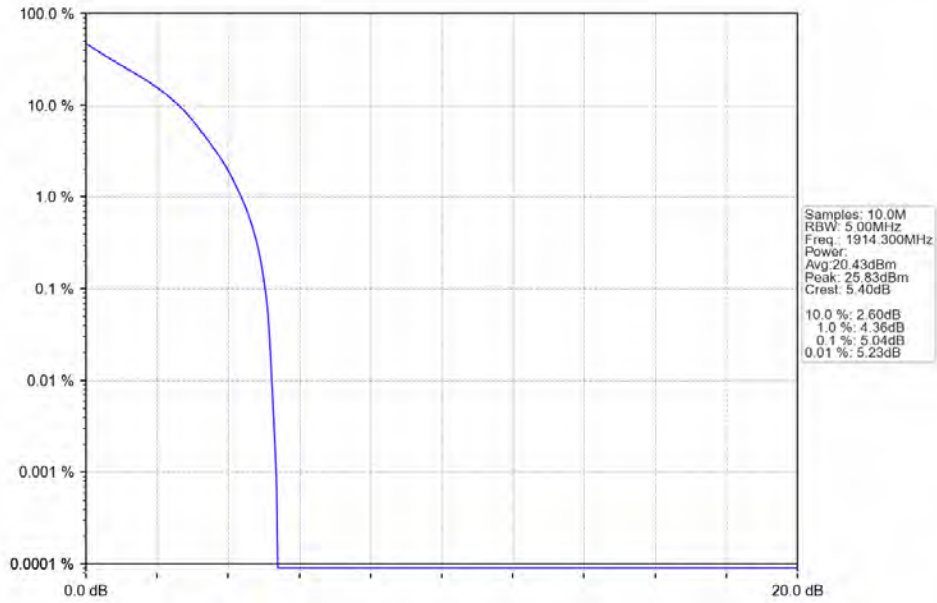
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.67	<=13	Pass
	1882.5	100	0	5.59	<=13	Pass
	1905	100	0	5.59	<=13	Pass
16QAM	1860	100	0	6.33	<=13	Pass
	1882.5	100	0	6.31	<=13	Pass
	1905	100	0	6.34	<=13	Pass

5.2 Test Graph

5.2.1 B25_1.4MHz

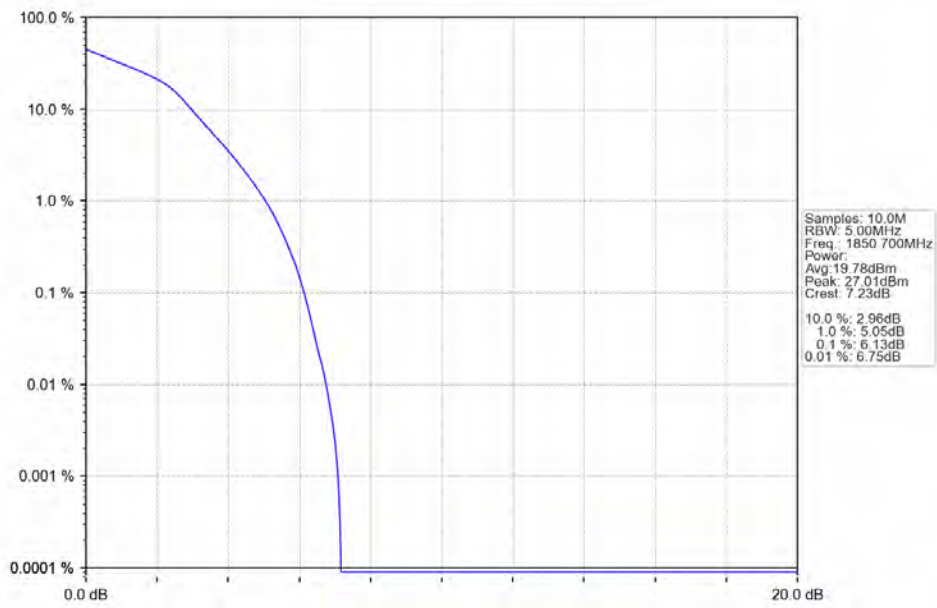


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



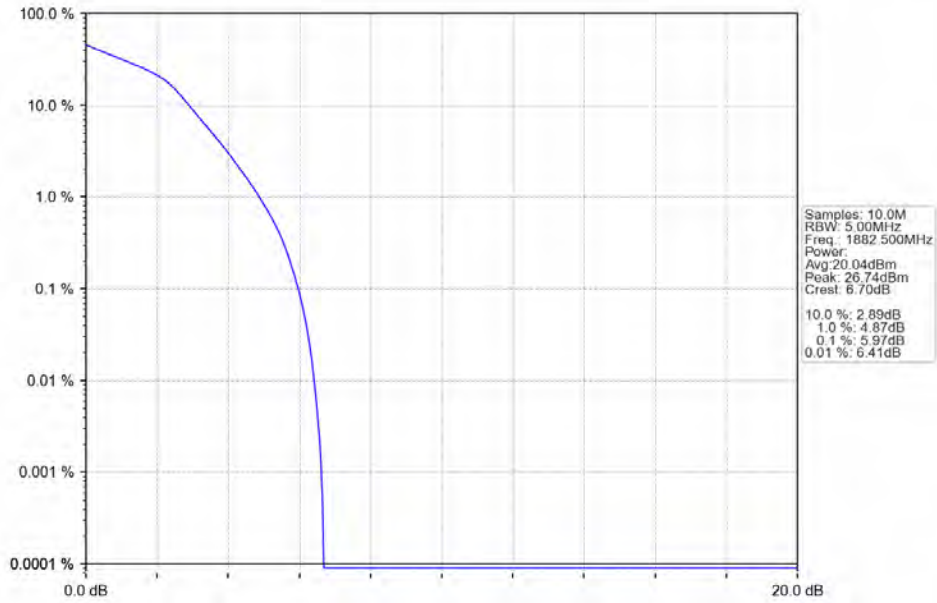
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Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



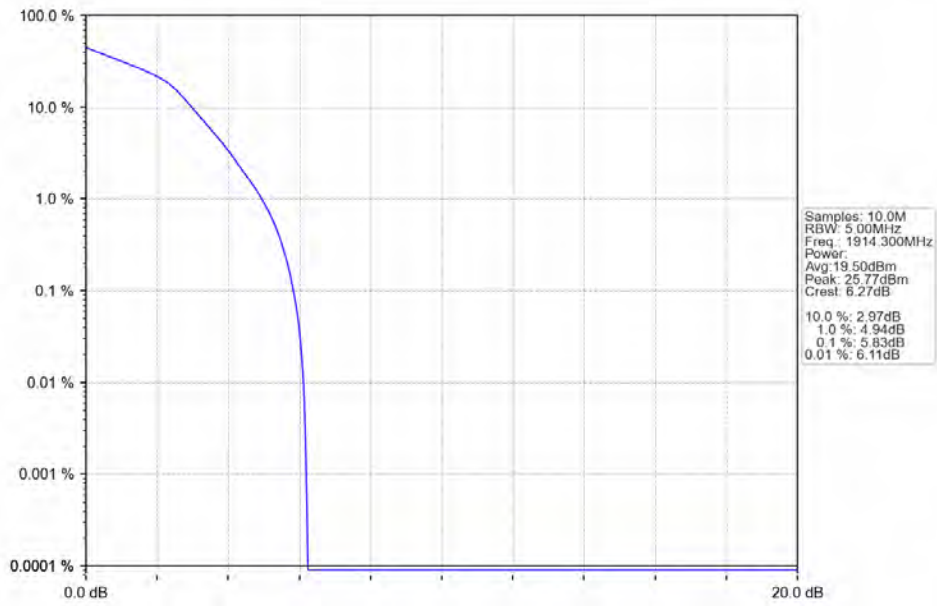
2024-08-02 12:14:03

Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



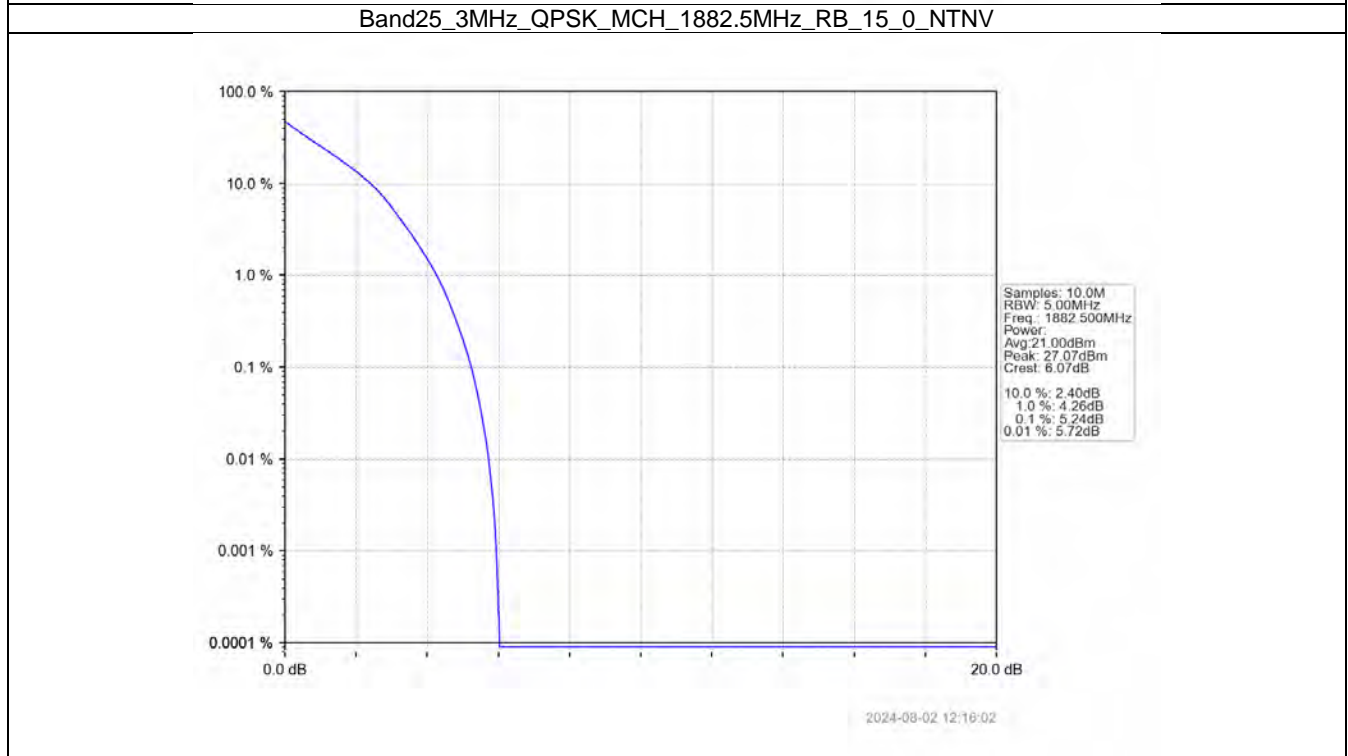
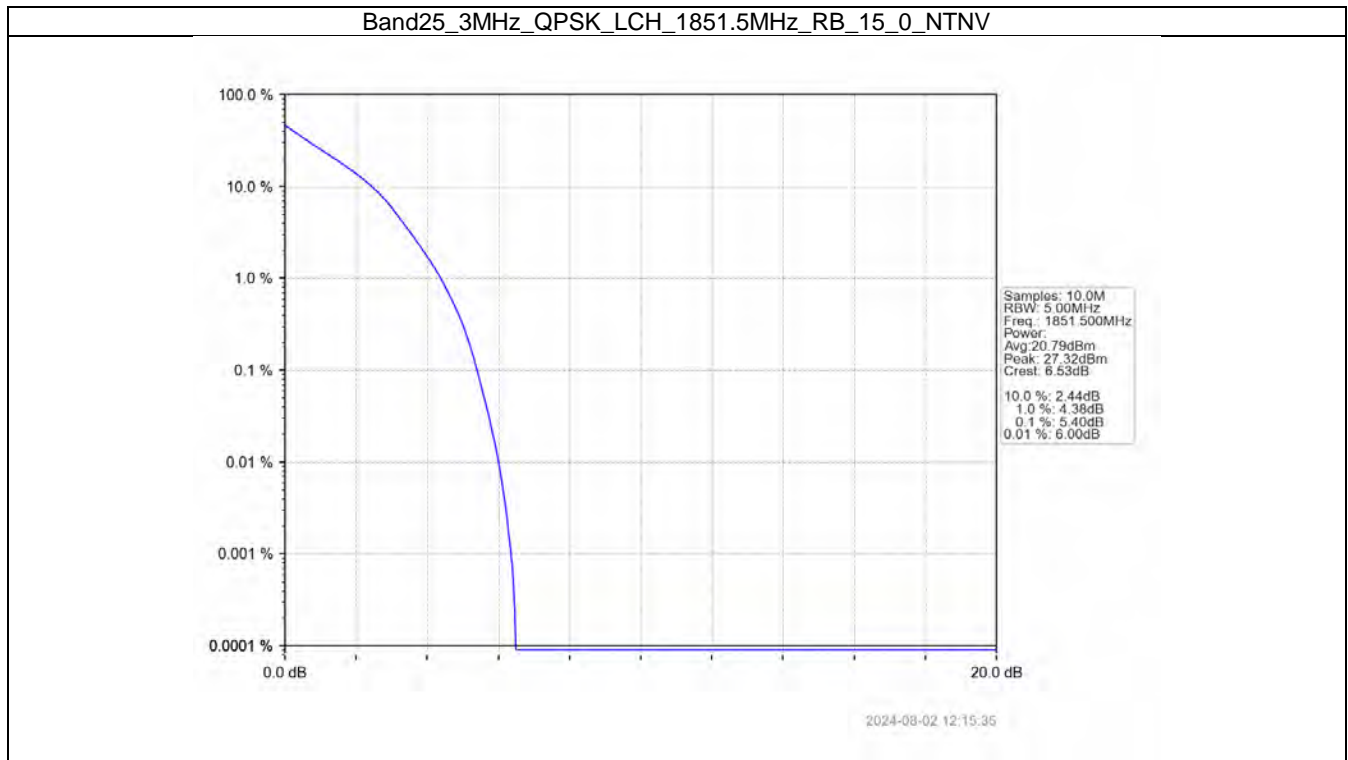
2024-08-02 12:14:30

Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

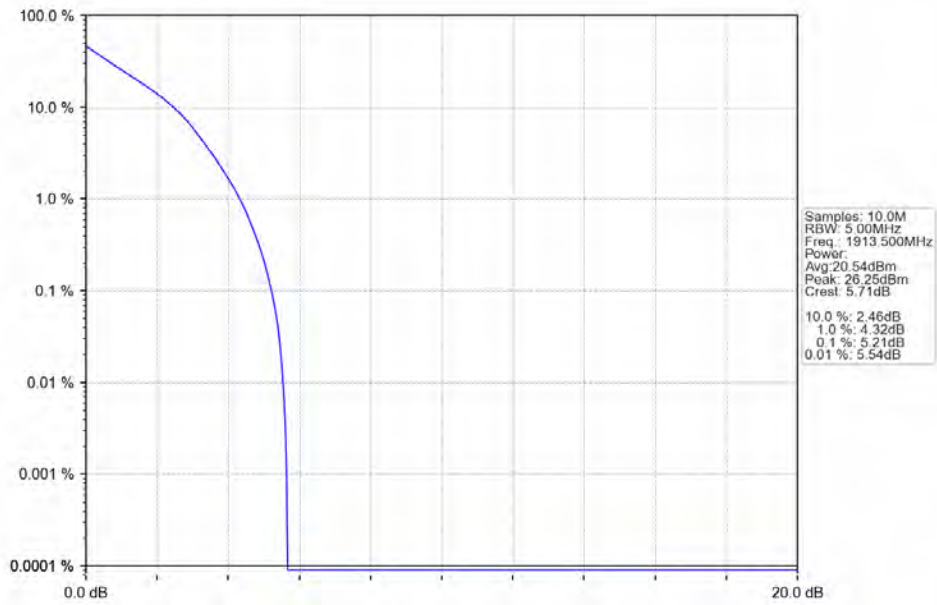


2024-08-02 12:14:50

5.2.2 B25_3MHz

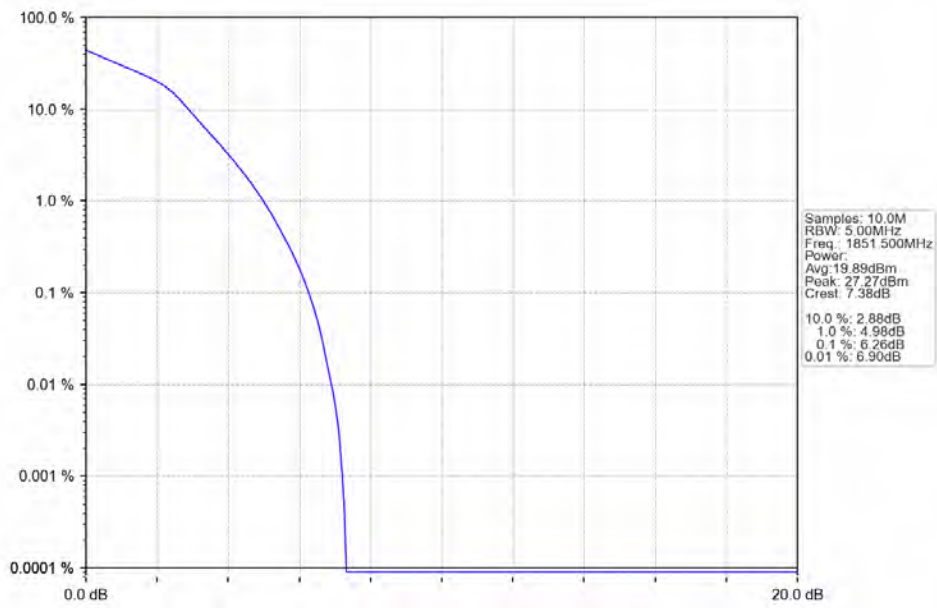


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



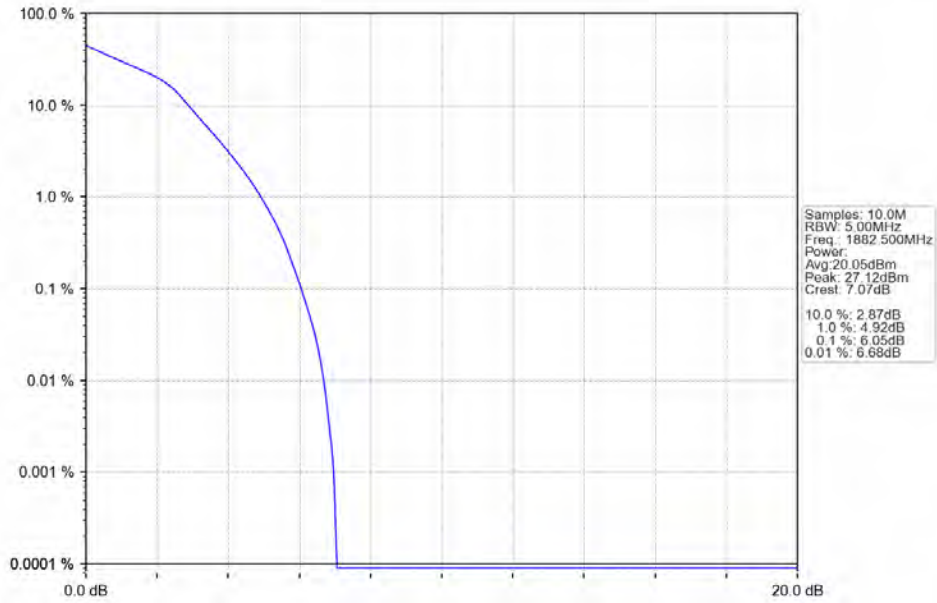
2024-08-02 12:16:29

Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



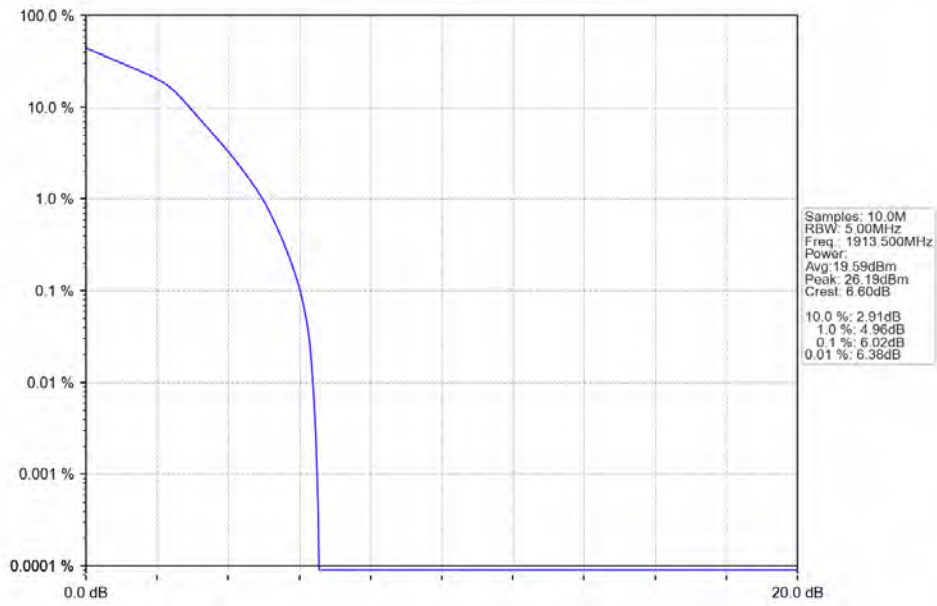
2024-08-02 12:15:48

Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



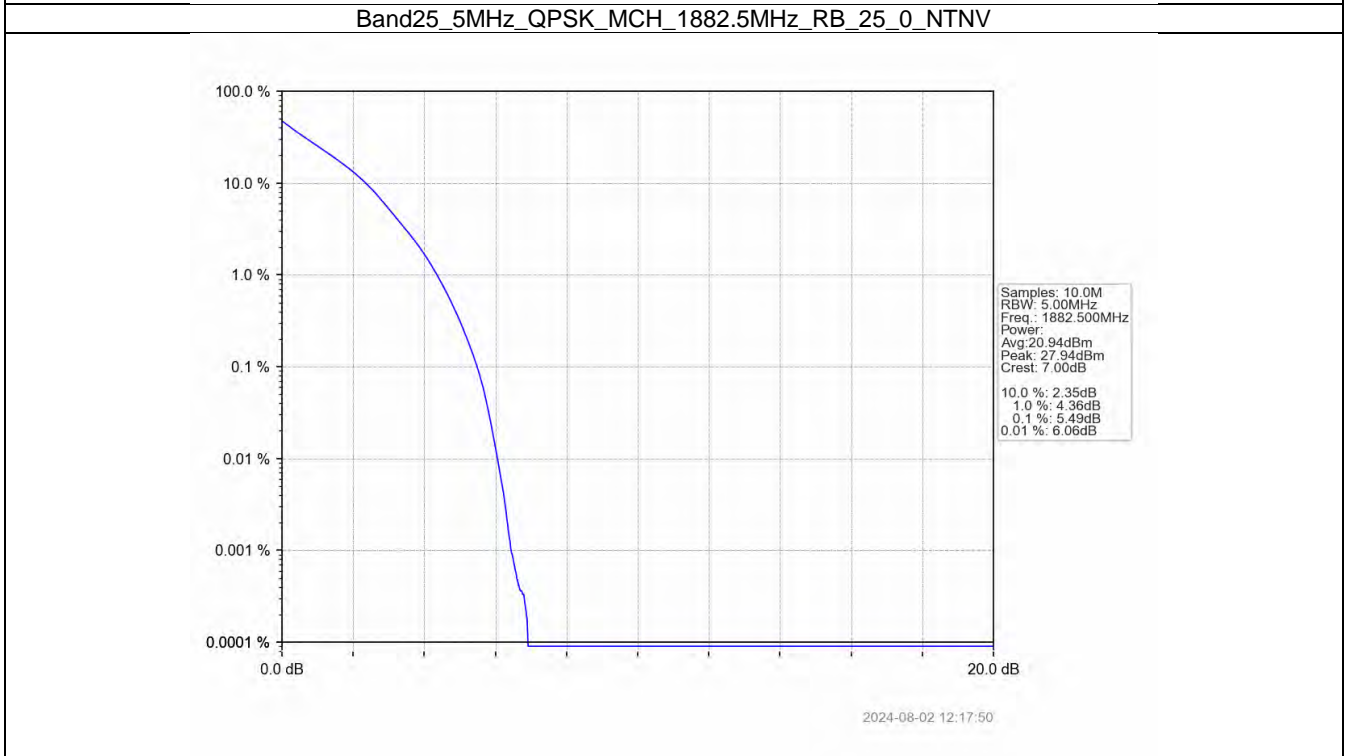
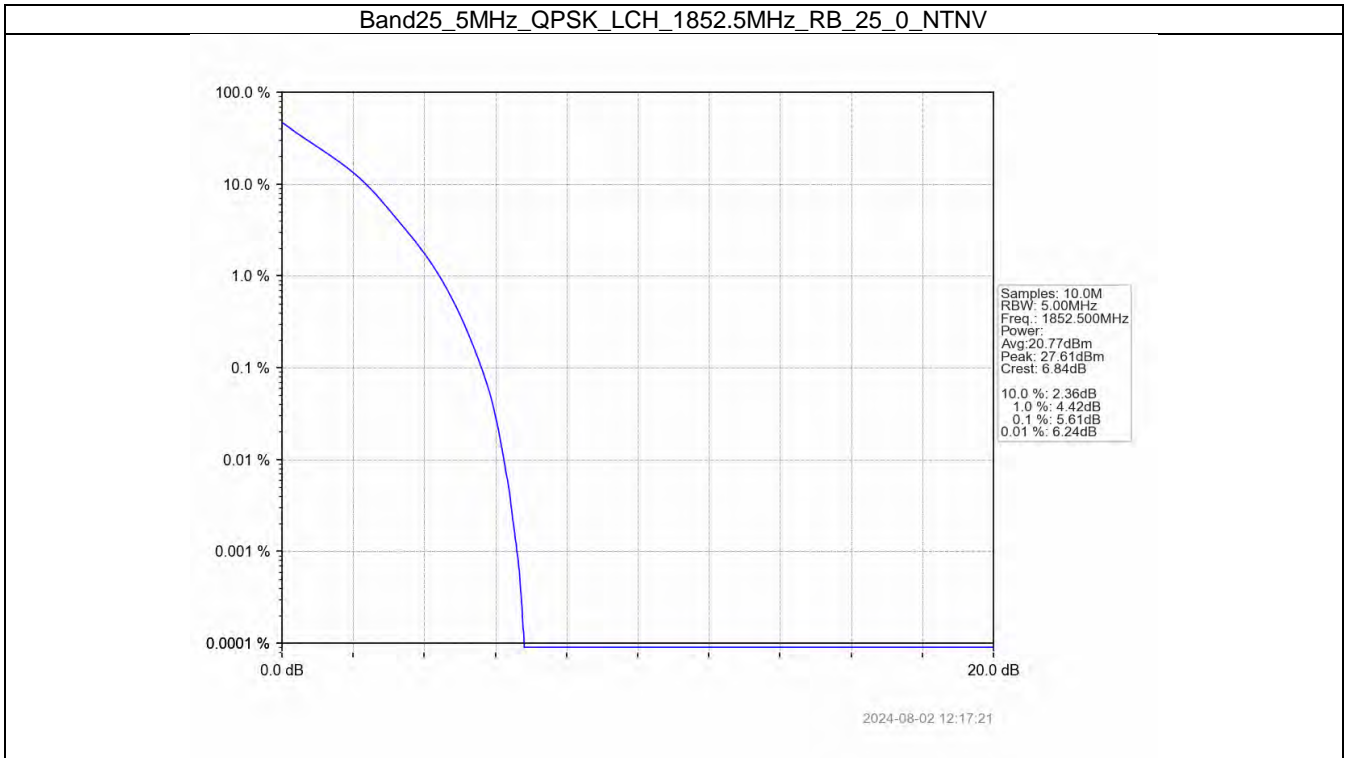
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Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

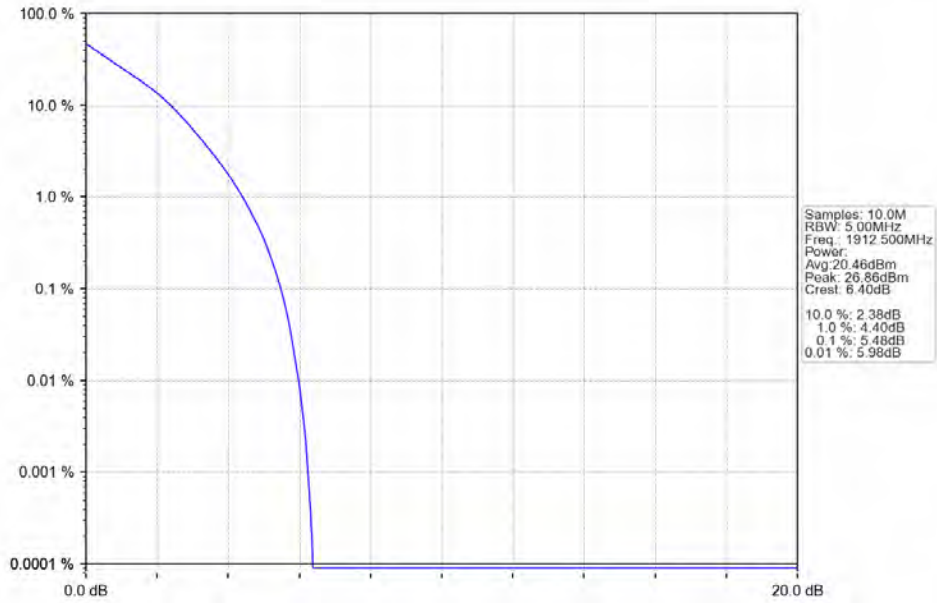


2024-08-02 12:16:42

5.2.3 B25_5MHz

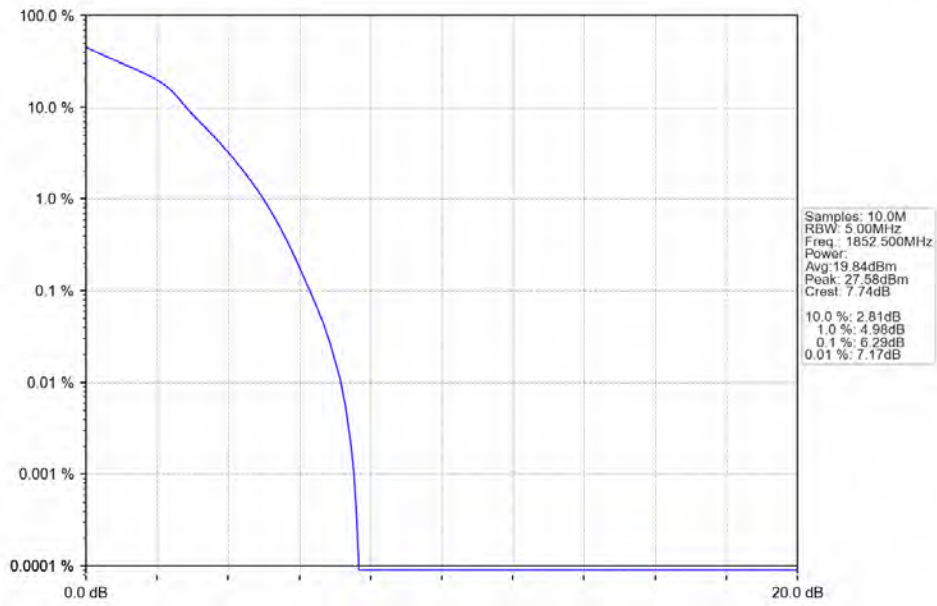


Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



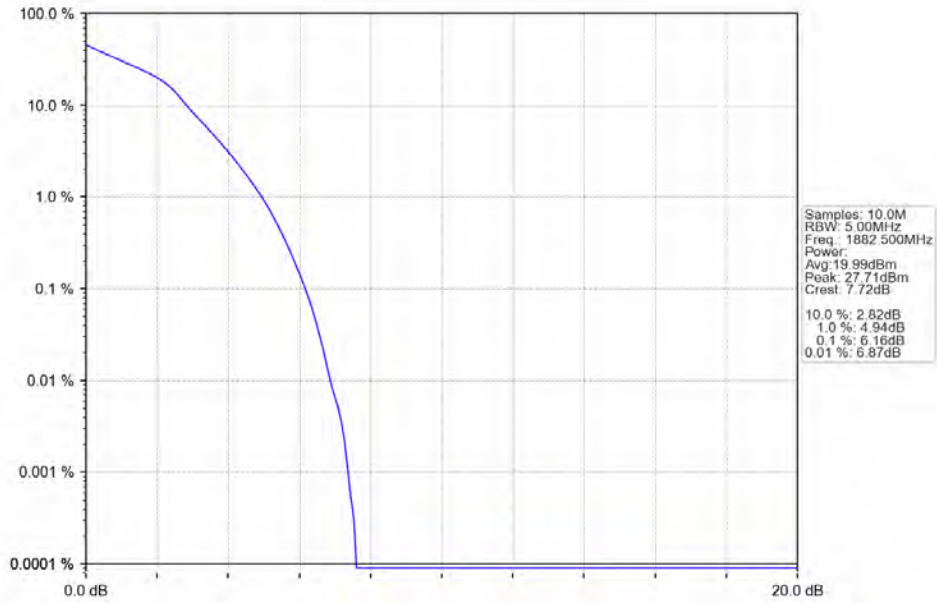
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Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



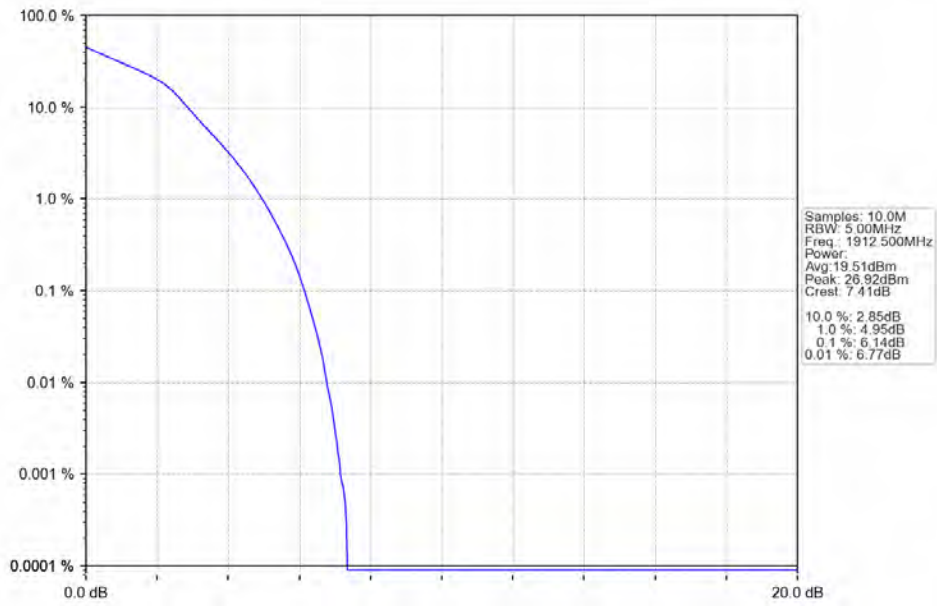
2024-08-02 12:17:35

Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



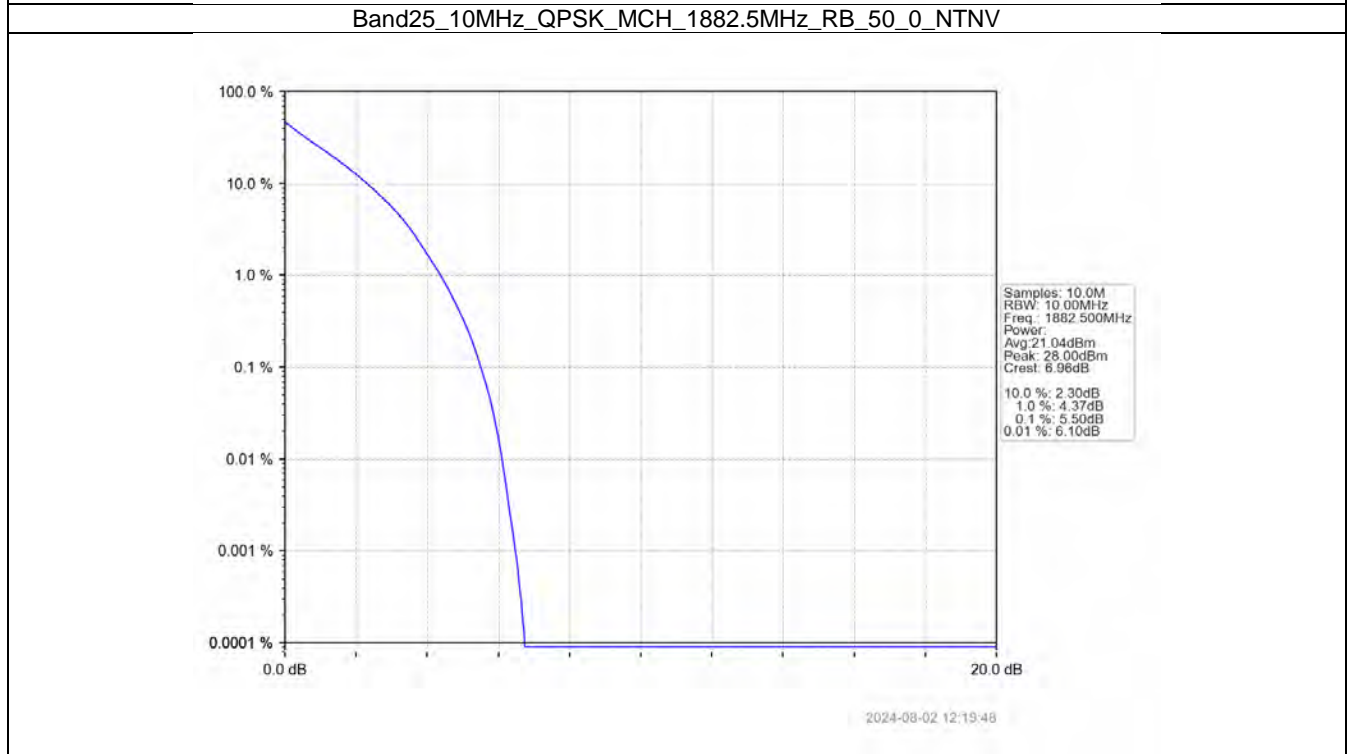
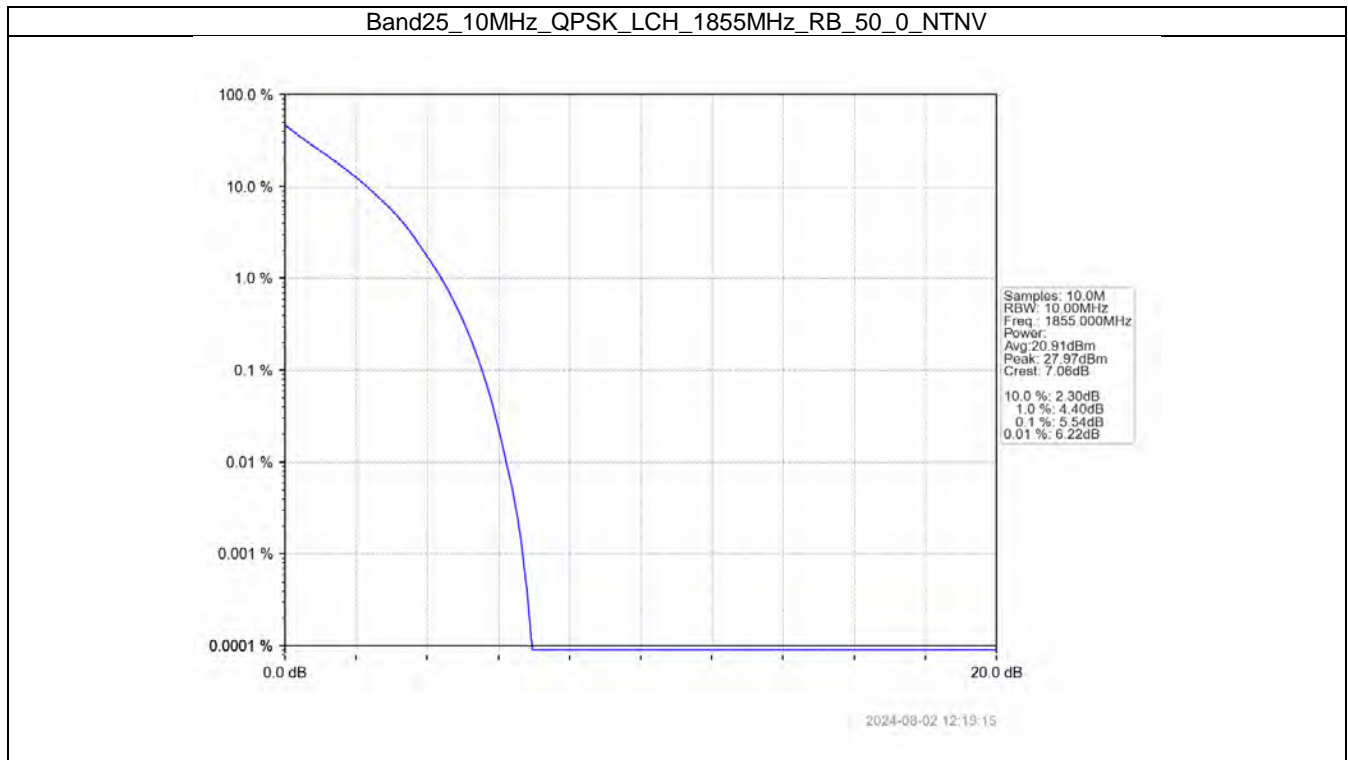
2024-08-02 12:18:04

Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

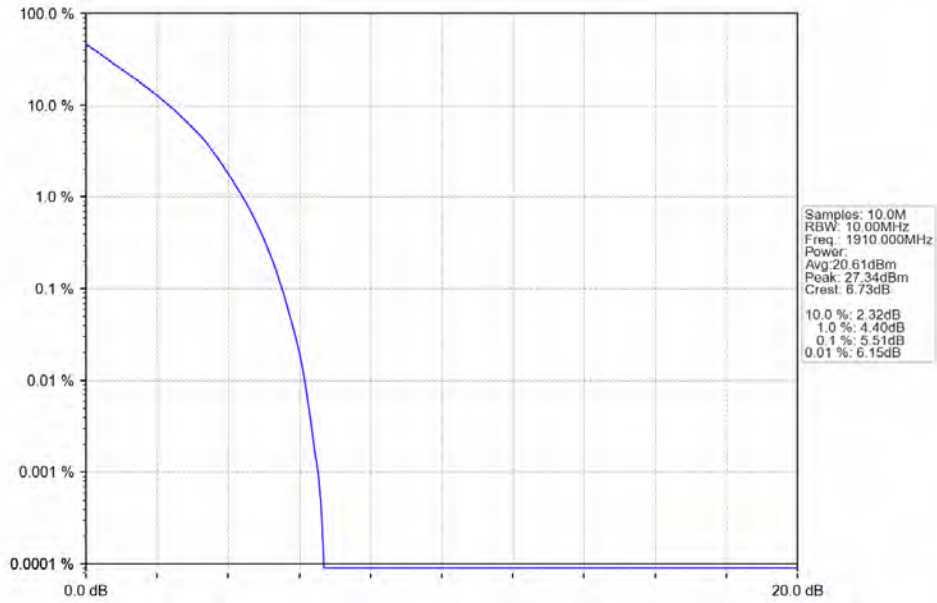


2024-08-02 12:18:32

5.2.4 B25_10MHz

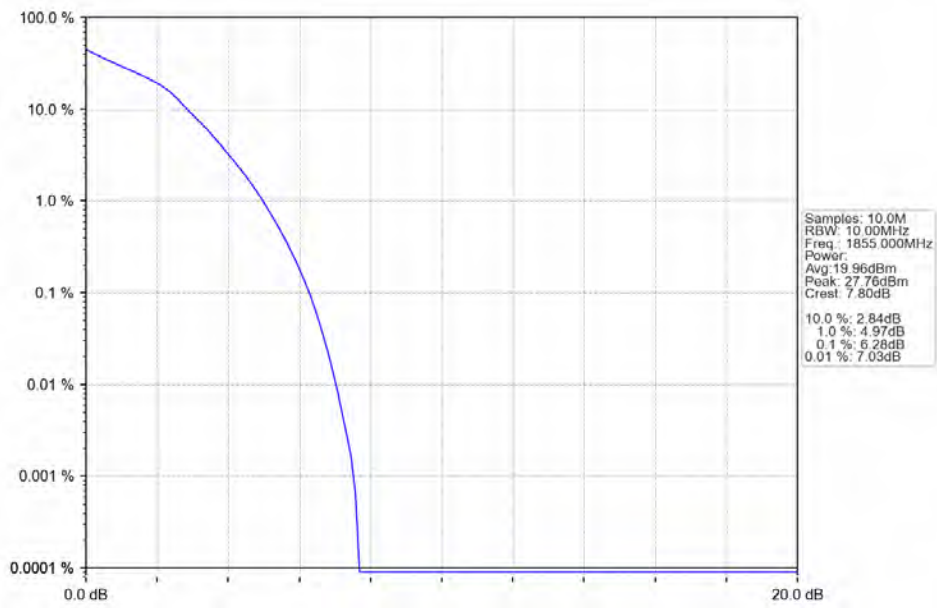


Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



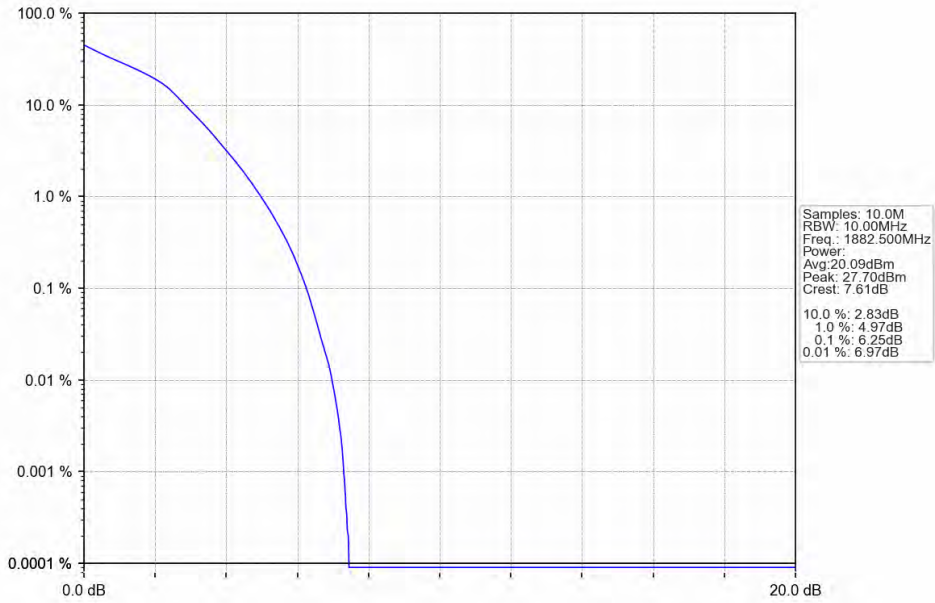
2024-08-02 12:20:21

Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



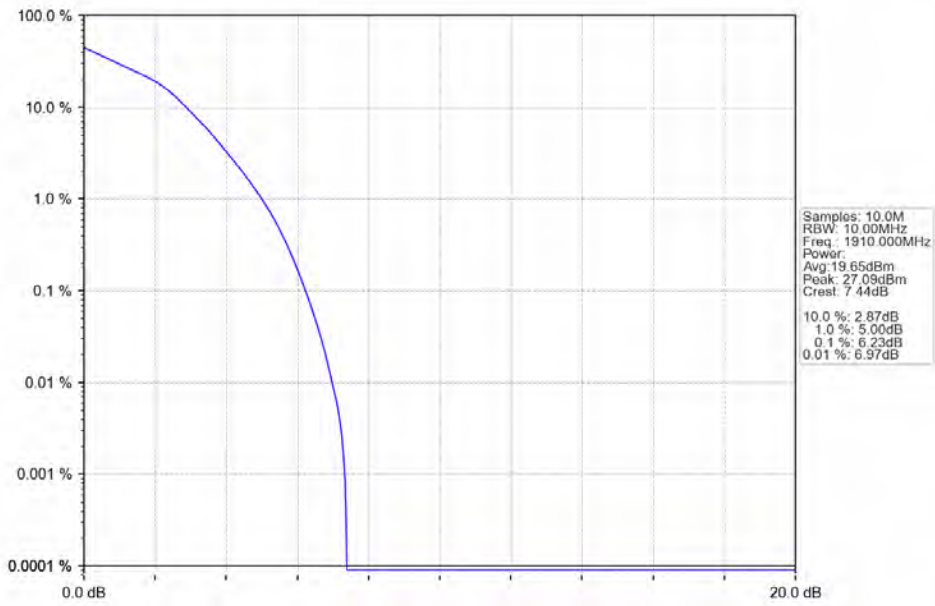
2024-08-02 12:19:30

Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



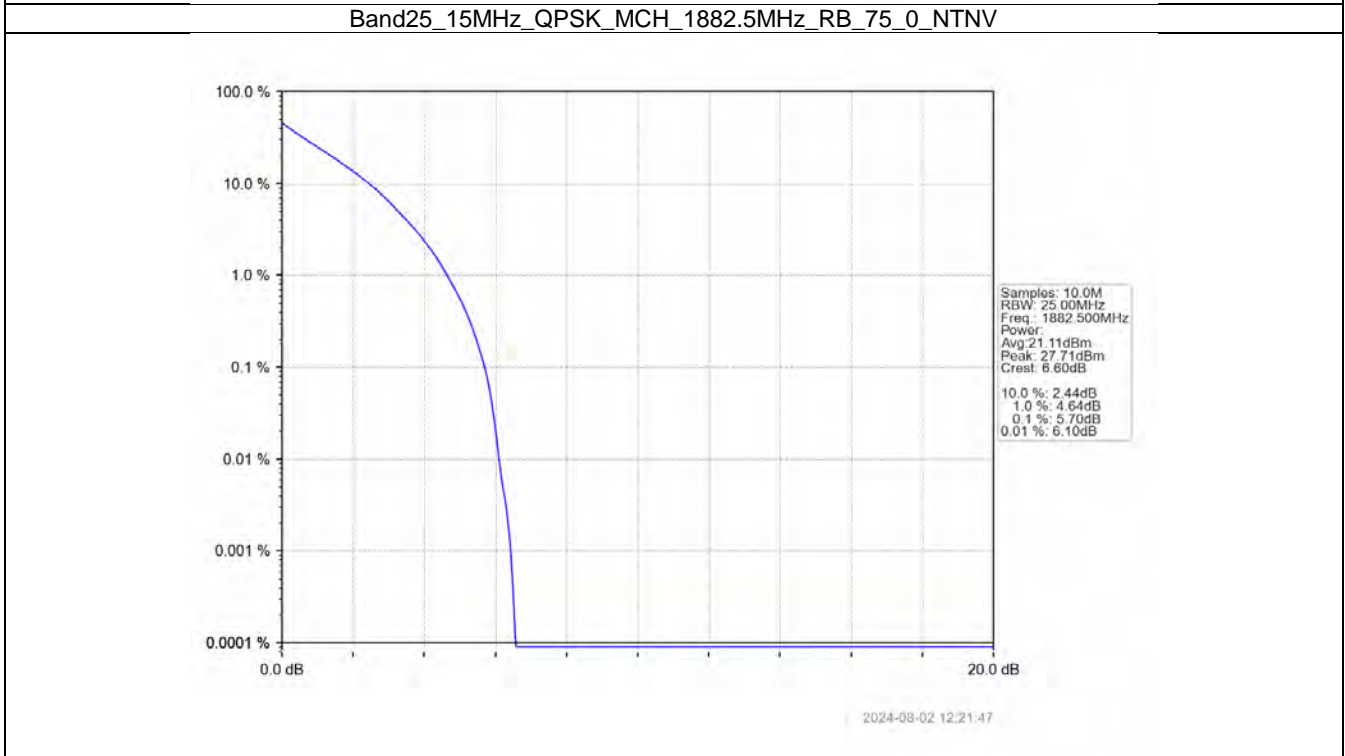
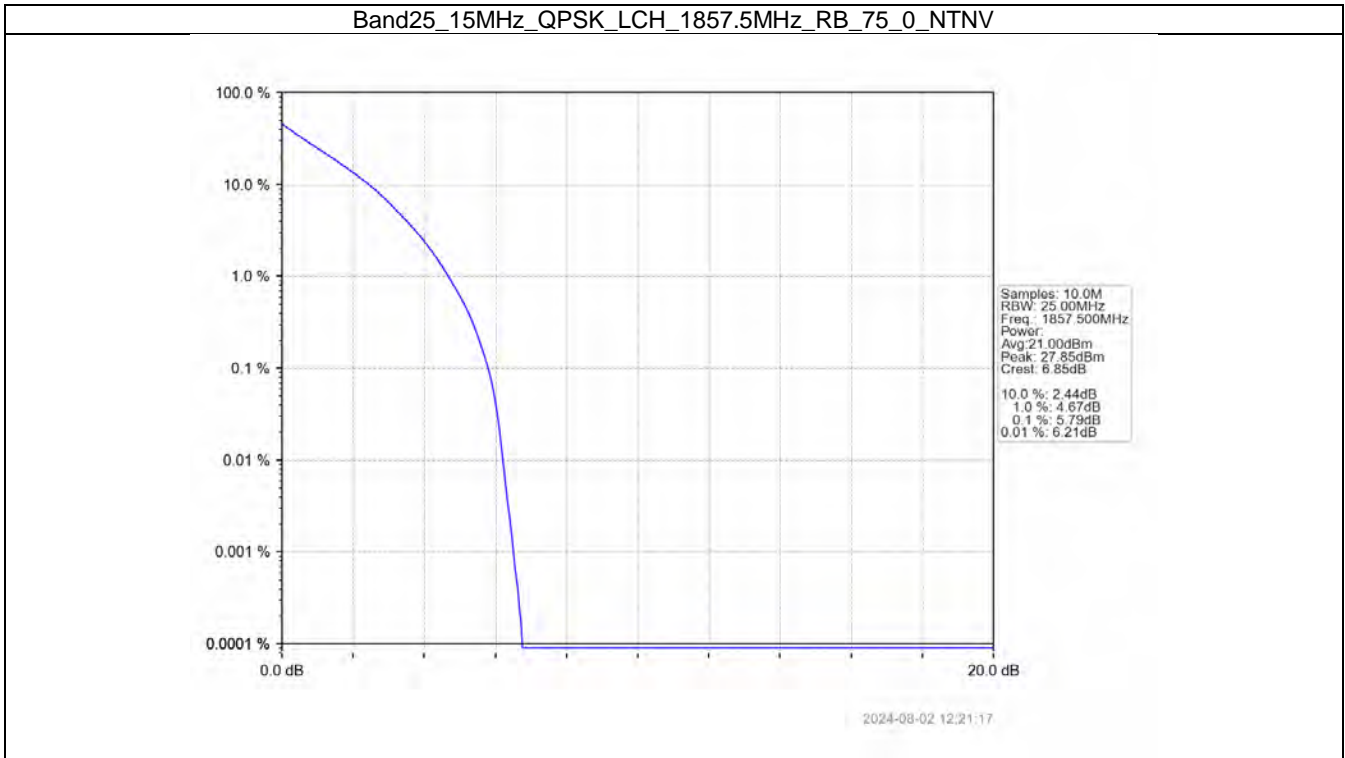
2024-08-02 12:20:03

Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

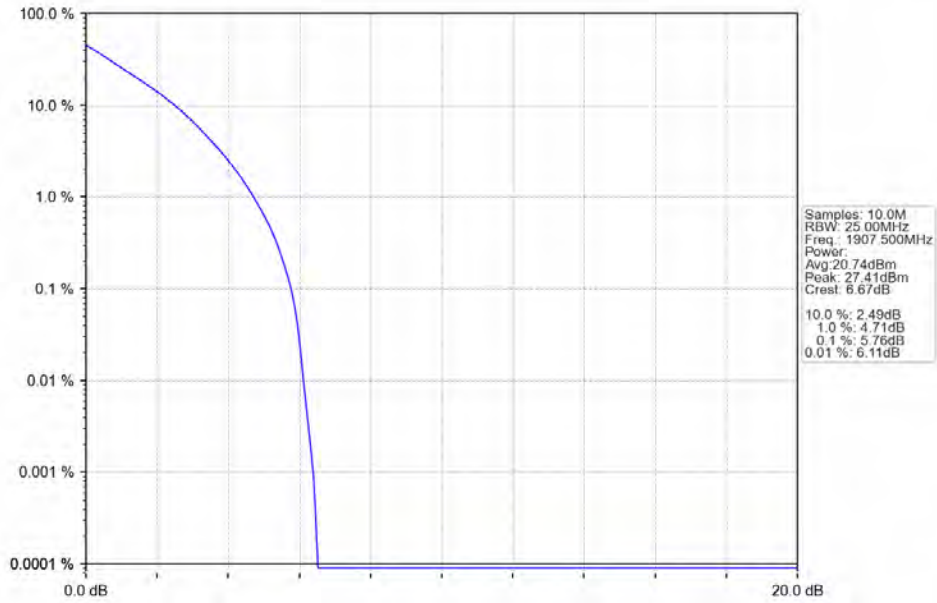


2024-08-02 12:20:36

5.2.5 B25_15MHz

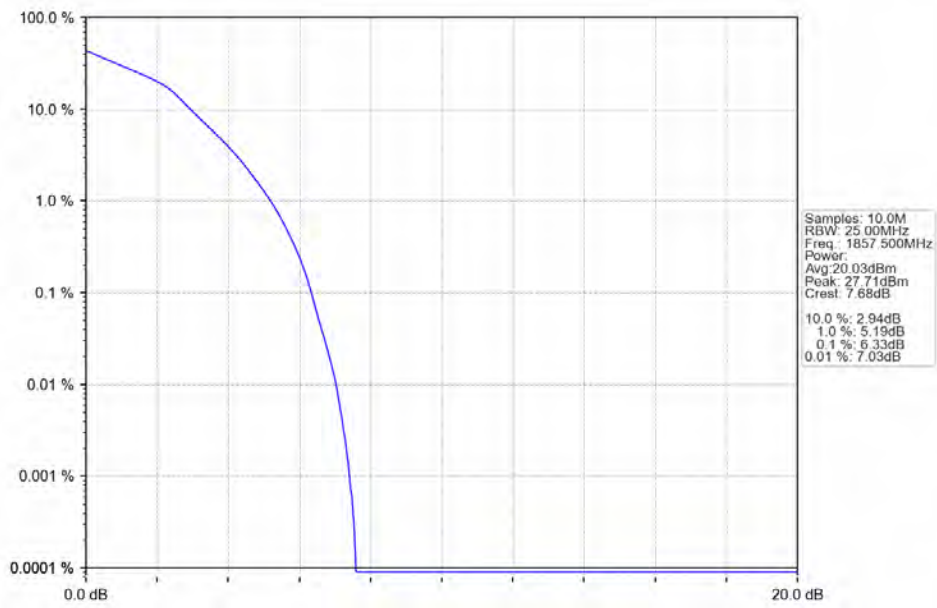


Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



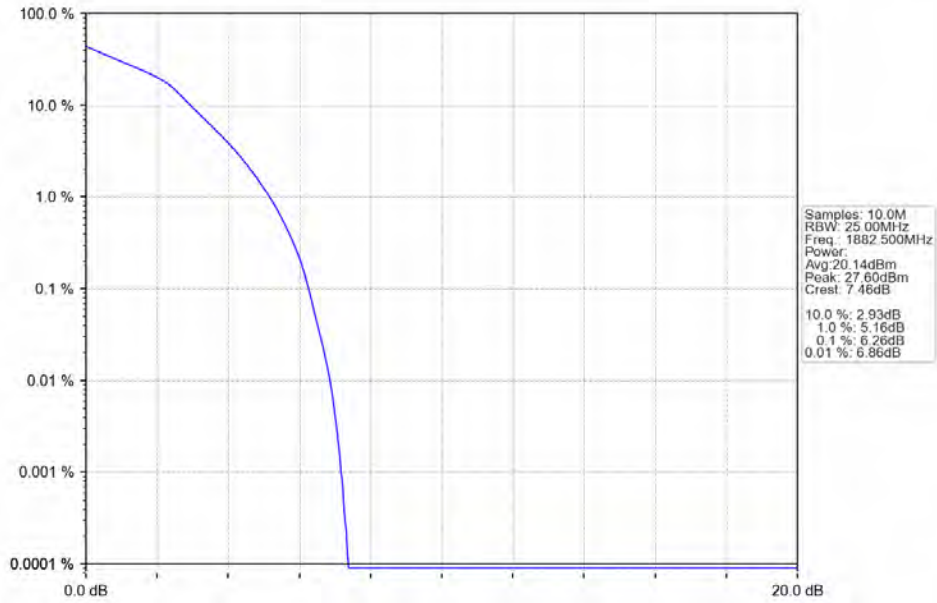
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Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



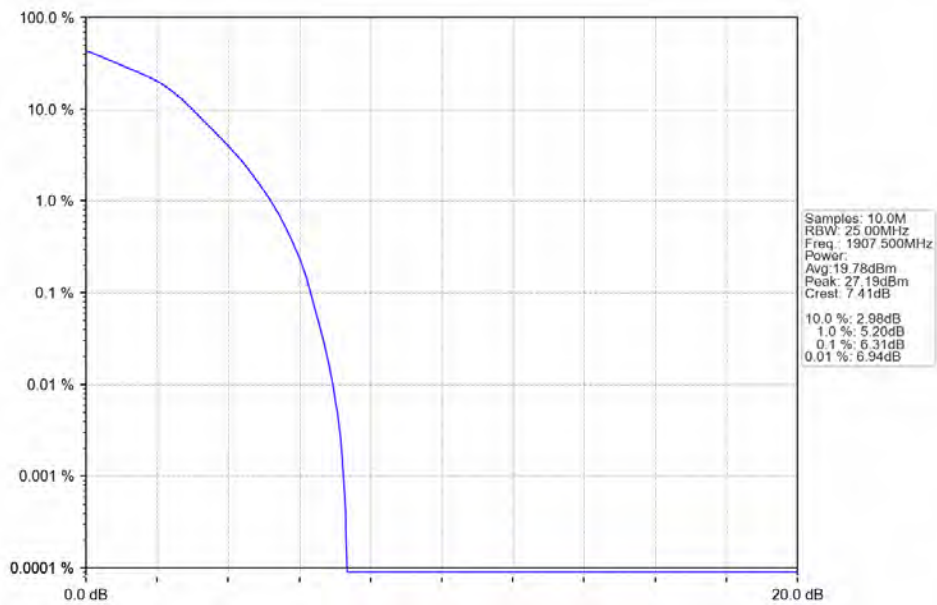
2024-08-02 12:21:31

Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



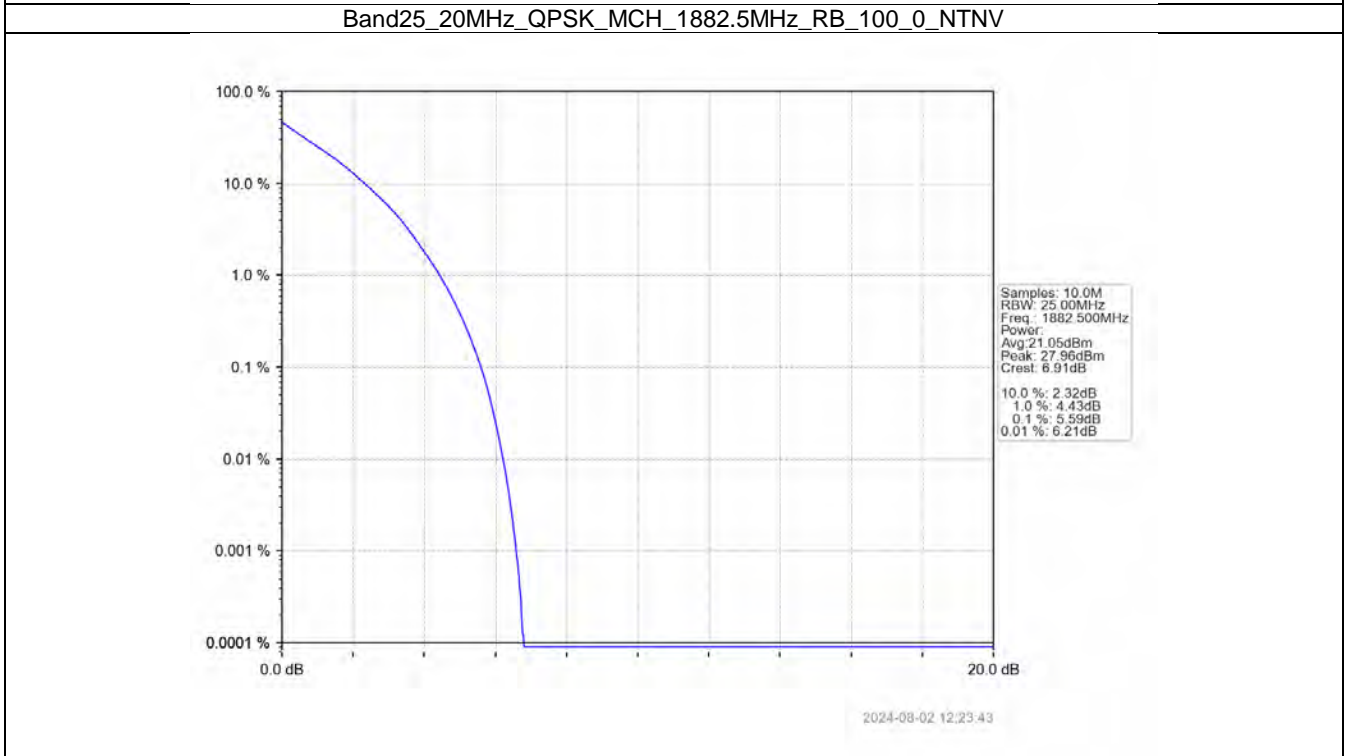
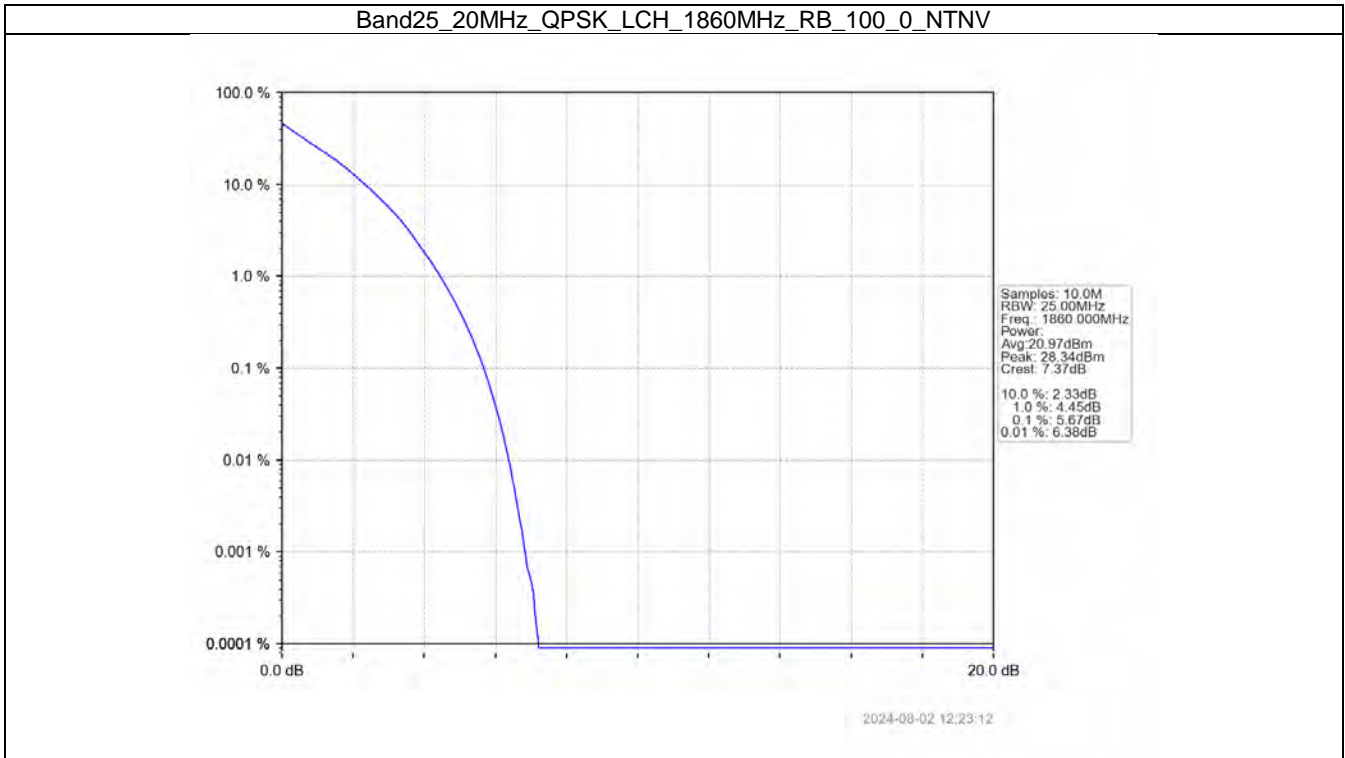
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Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

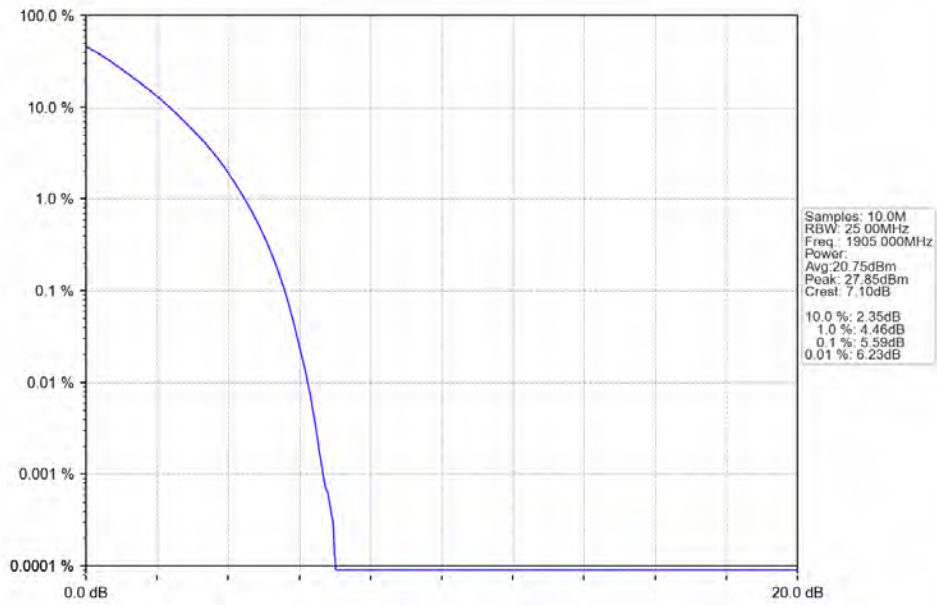


2024-08-02 12:22:31

5.2.6 B25_20MHz

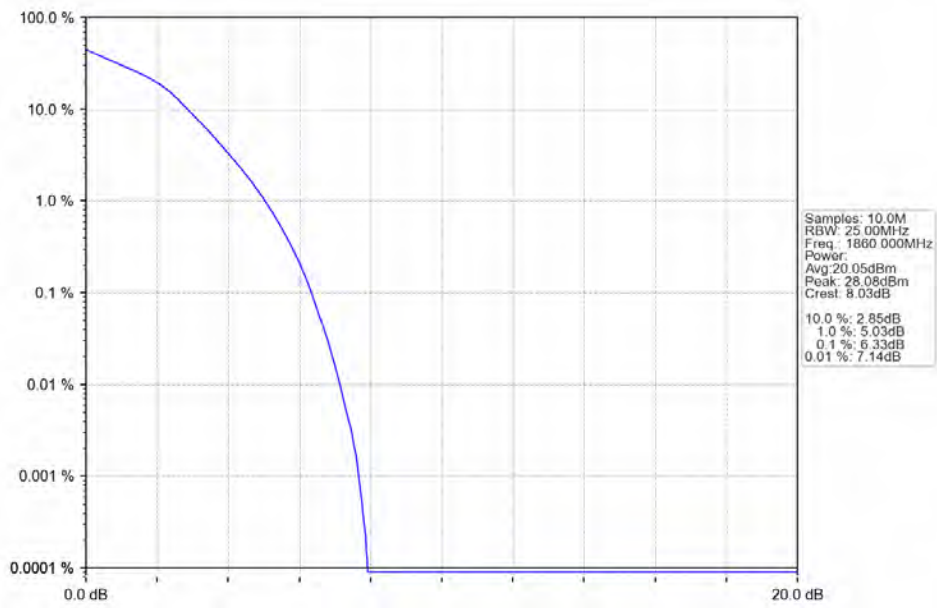


Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



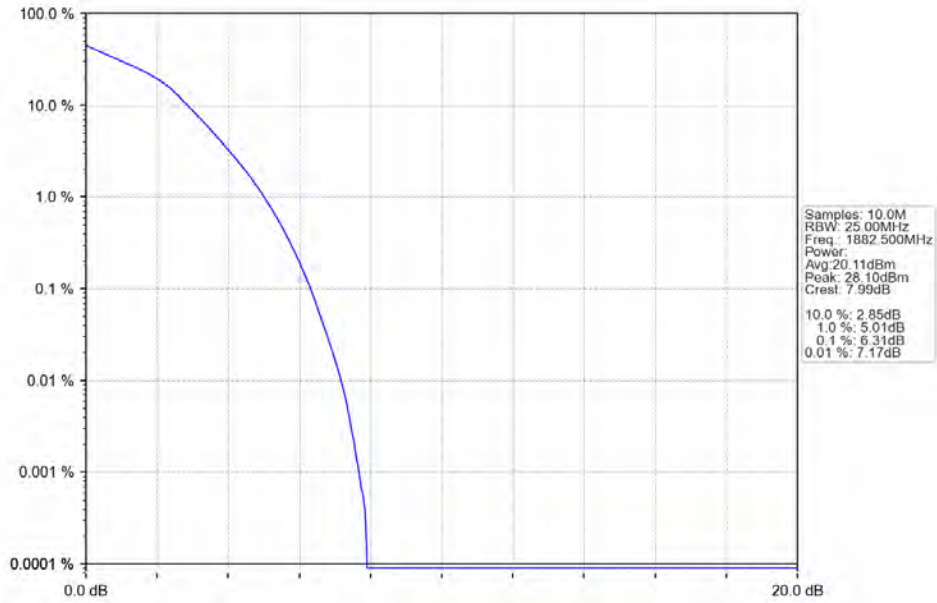
2024-08-02 12:24:14

Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



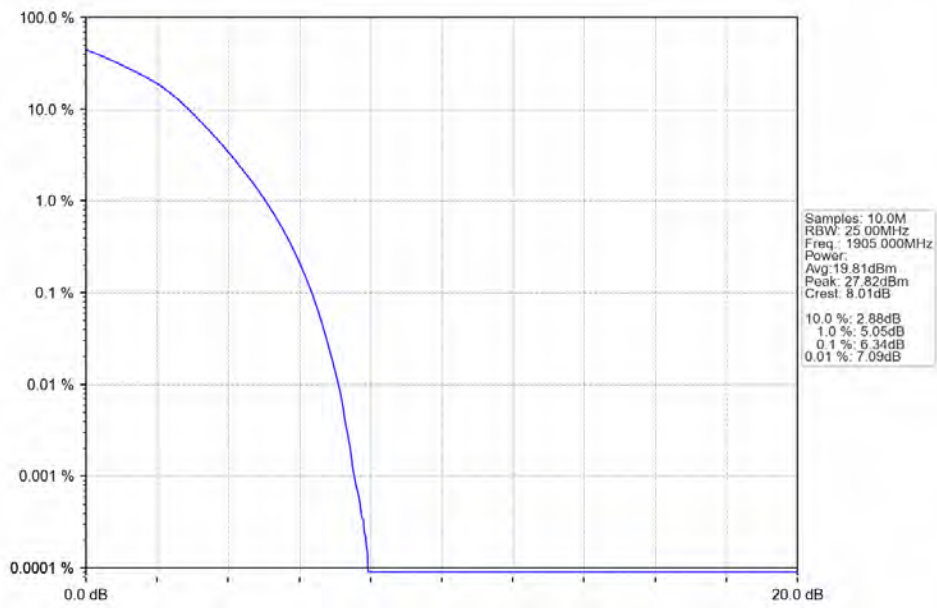
2024-08-02 12:23:26

Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



2024-08-02 12:23:57

Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



2024-08-02 12:24:28

6. Spurious Emission

6.1 Test Result

6.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTN							
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	
	1882.5	1	0	Refer To Test Graph		Pass	
		1914.3	1	0	Refer To Test Graph		Pass
				5	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	
	1882.5	1	0	Refer To Test Graph		Pass	
		1914.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
			6	0	Refer To Test Graph		Pass

6.1.2 B25_3MHz

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

6.1.3 B25_5MHz

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

6.1.4 B25_10MHz

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	
	1910	1	0	Refer To Test Graph	Pass	
			49	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
16QAM	1855	1	0	Refer To Test Graph	Pass	
		50	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	
			0	Refer To Test Graph	Pass	

6.1.5 B25_15MHz

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	
	1907.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
16QAM	1857.5	1	0	Refer To Test Graph	Pass	
		75	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	
			0	Refer To Test Graph	Pass	

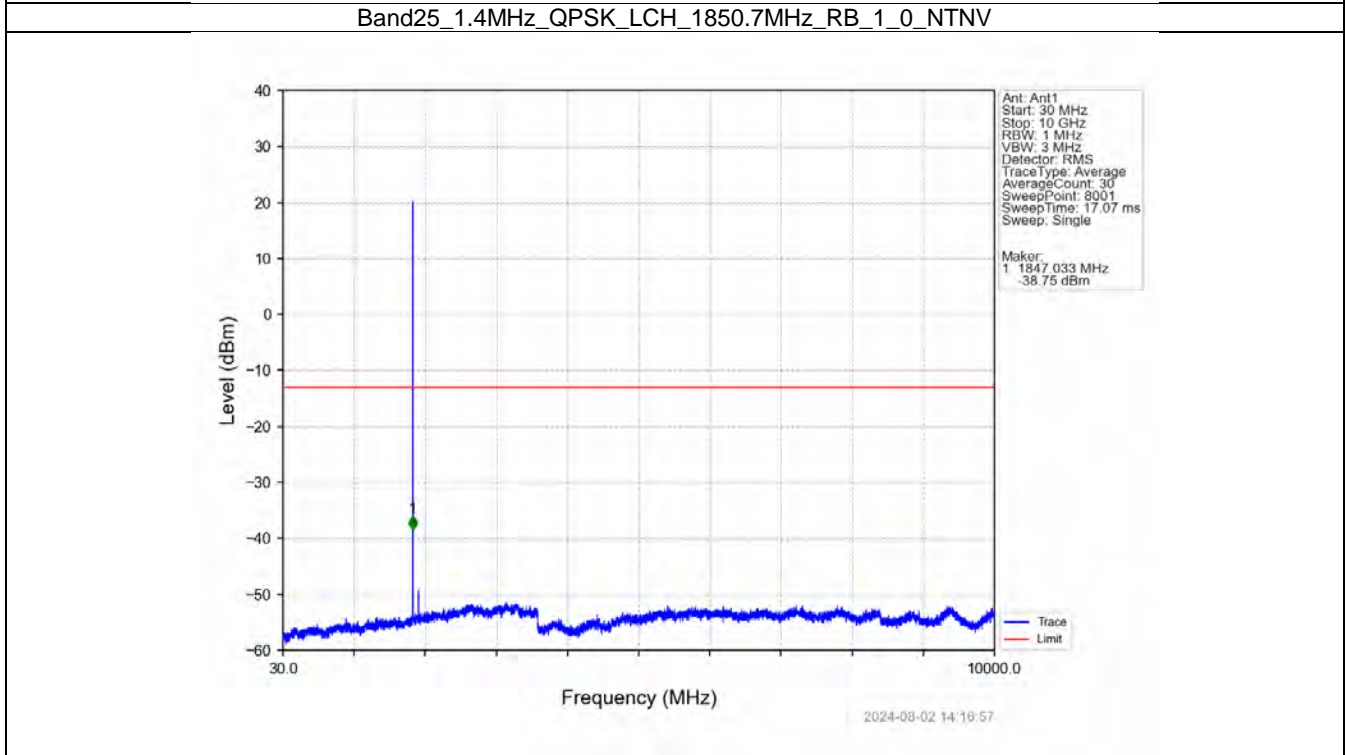
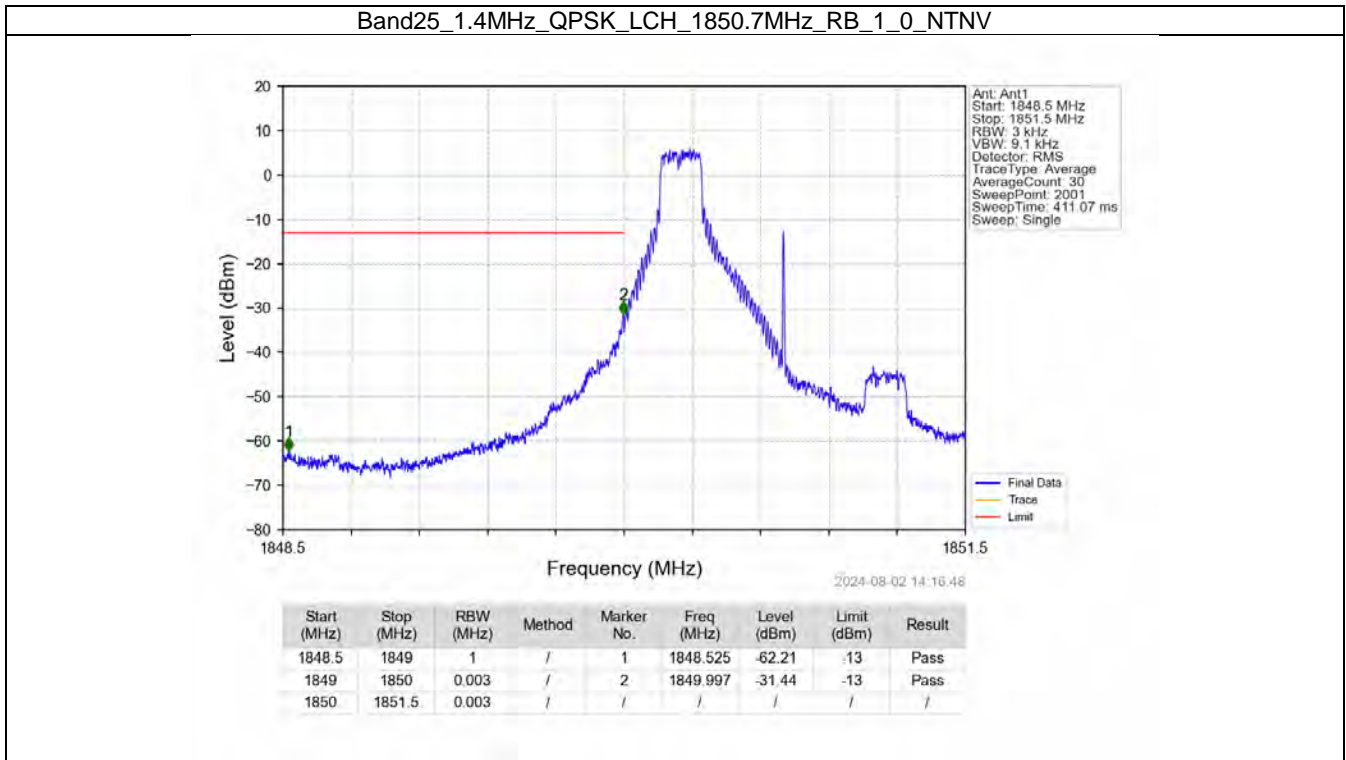
6.1.6 B25_20MHz

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	
	1905	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
16QAM	1860	1	0	Refer To Test Graph	Pass	

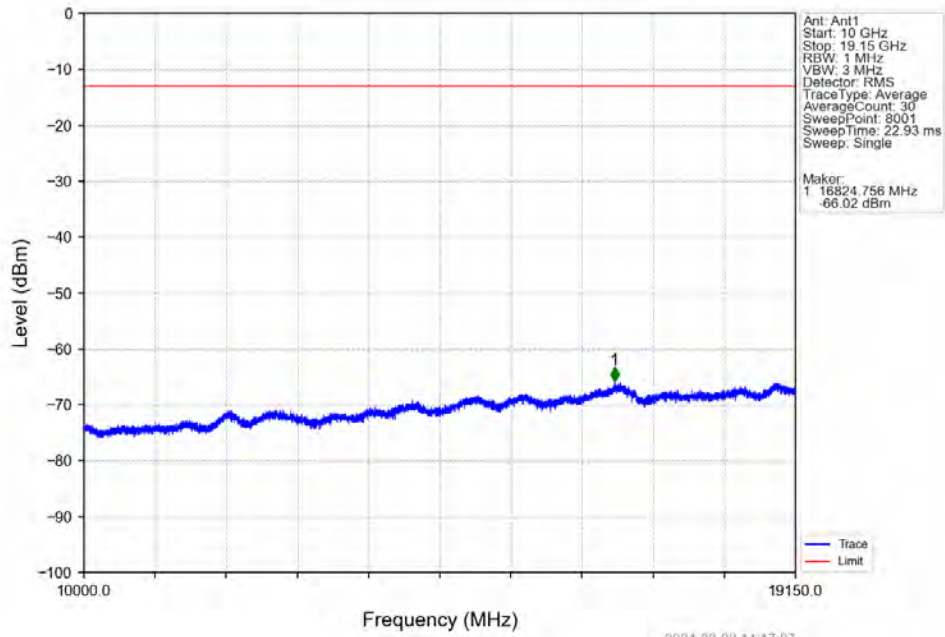
		100	0	Refer To Test Graph	Pass
	1882.5	1	0	Refer To Test Graph	Pass
	1905	1	0	Refer To Test Graph	Pass
99			Refer To Test Graph	Pass	
100		0	Refer To Test Graph	Pass	

6.2 Test Graph

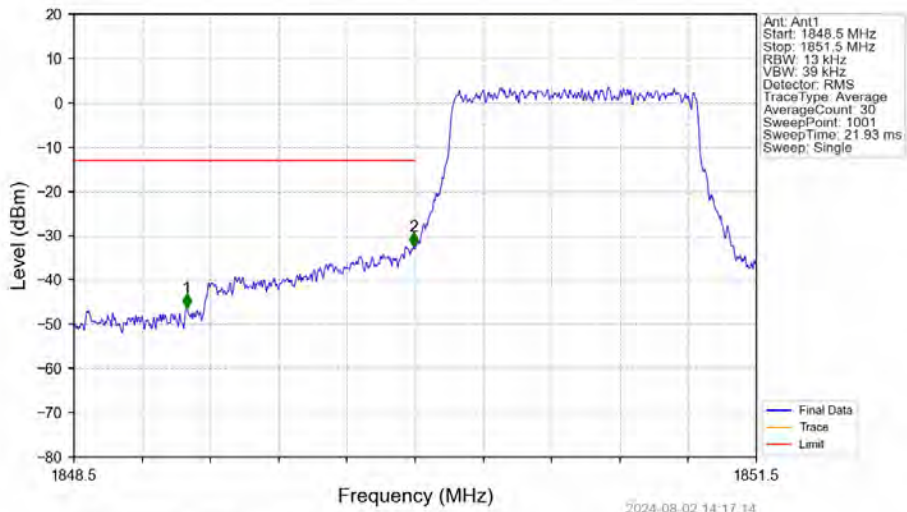
6.2.1 B25_1.4MHz



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

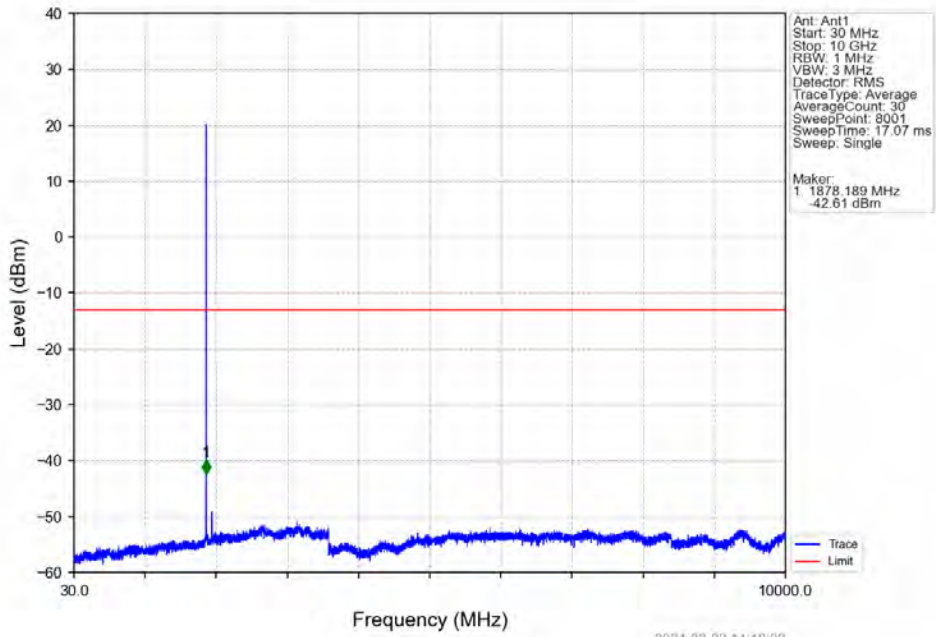


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

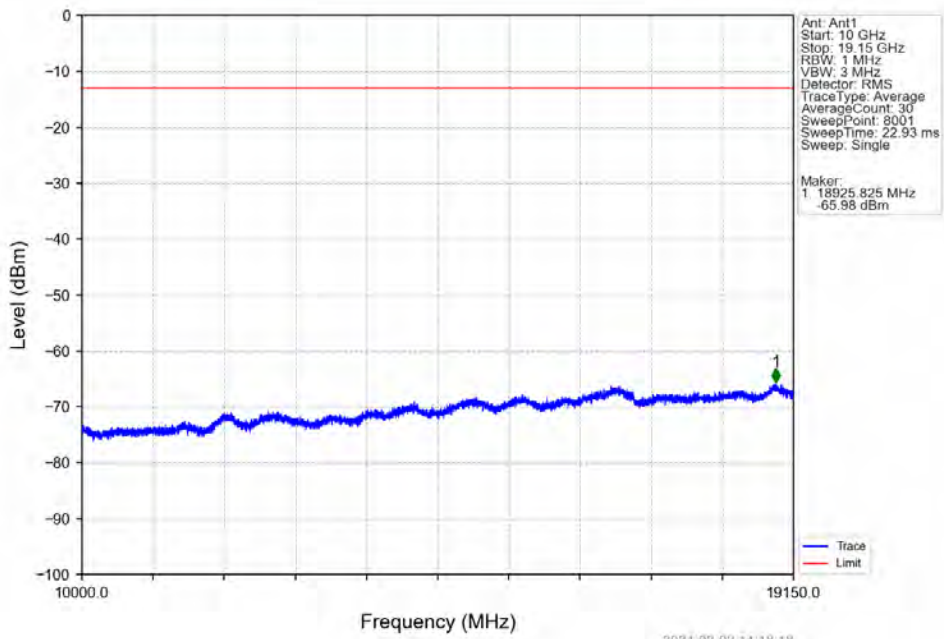


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.995	-46.22	-13	Pass
1849	1850	0.013	/	2	1849.994	-32.44	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

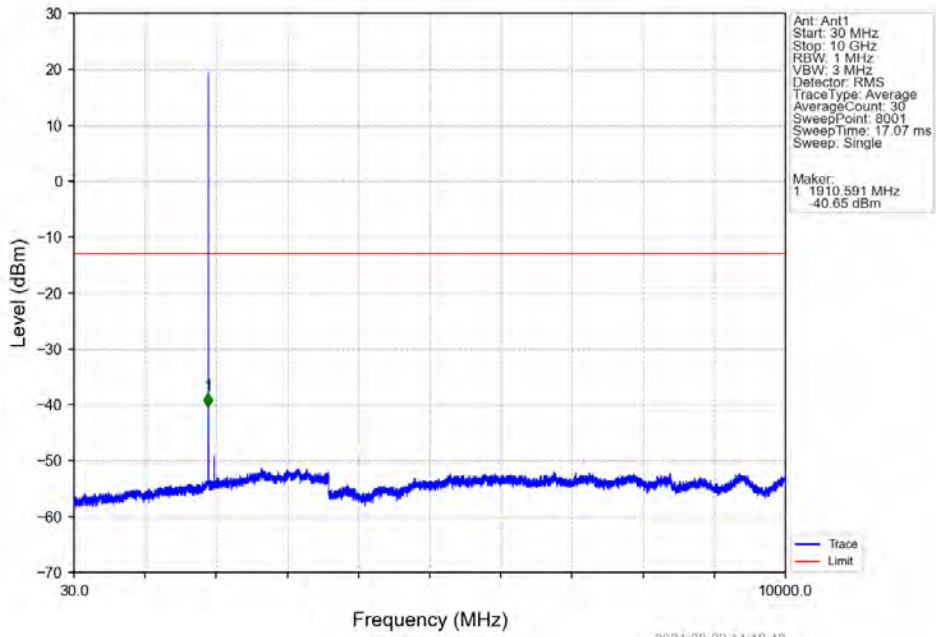
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



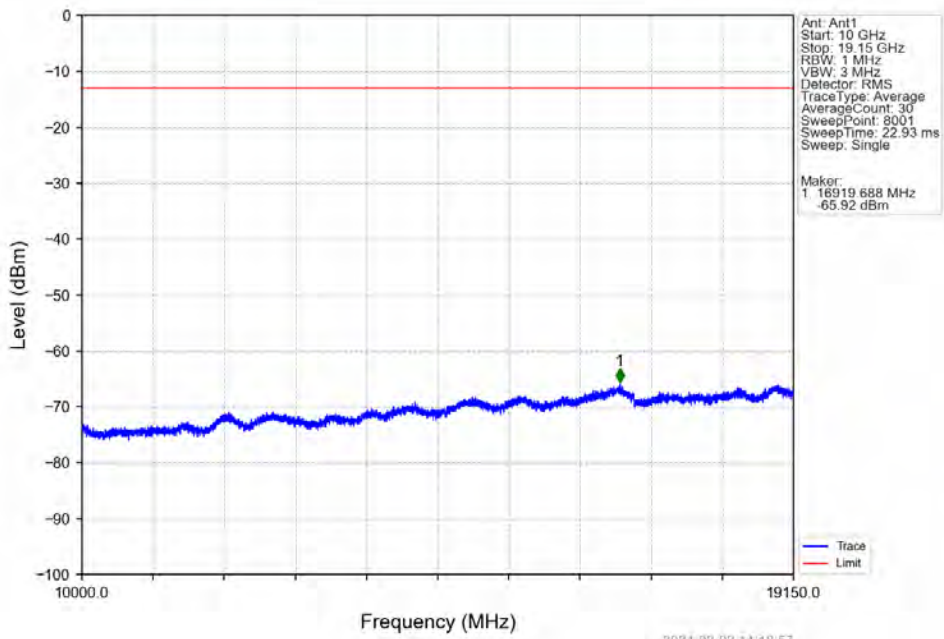
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



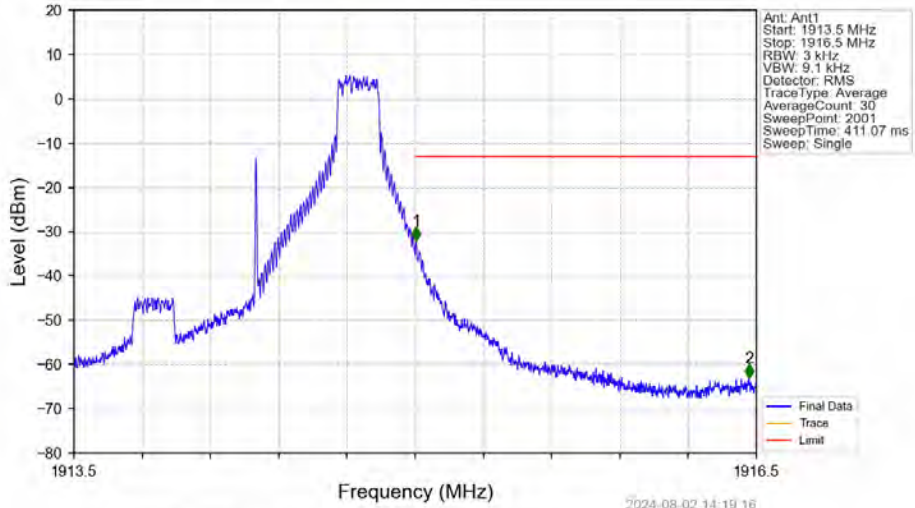
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

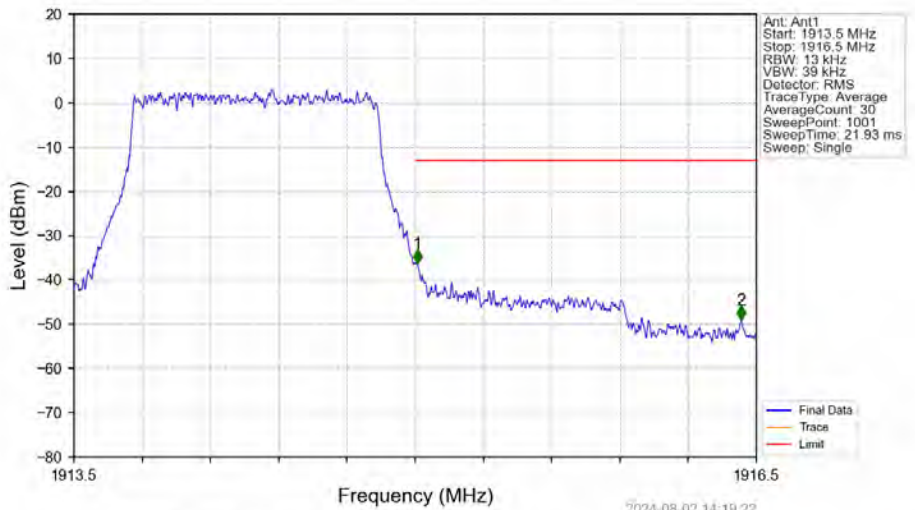


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



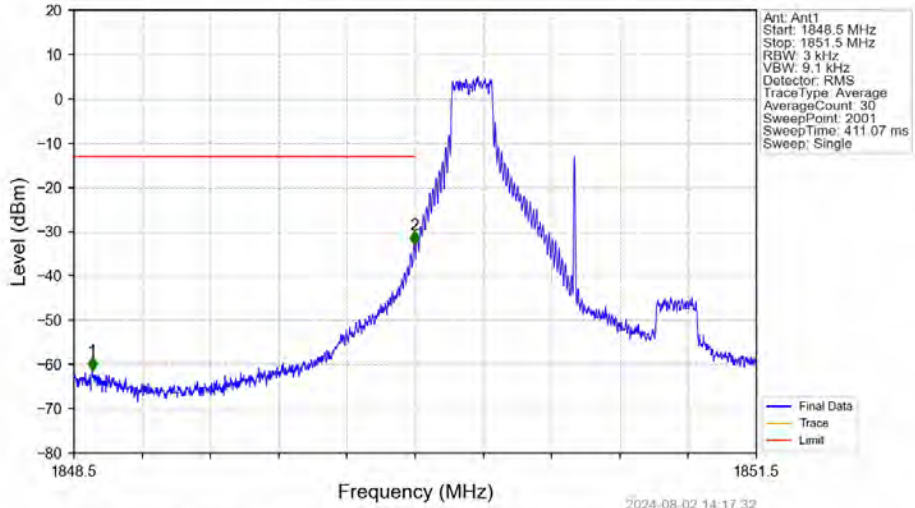
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-32.10	-13	Pass
1916	1916.5	1	/	2	1916.467	-63.01	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



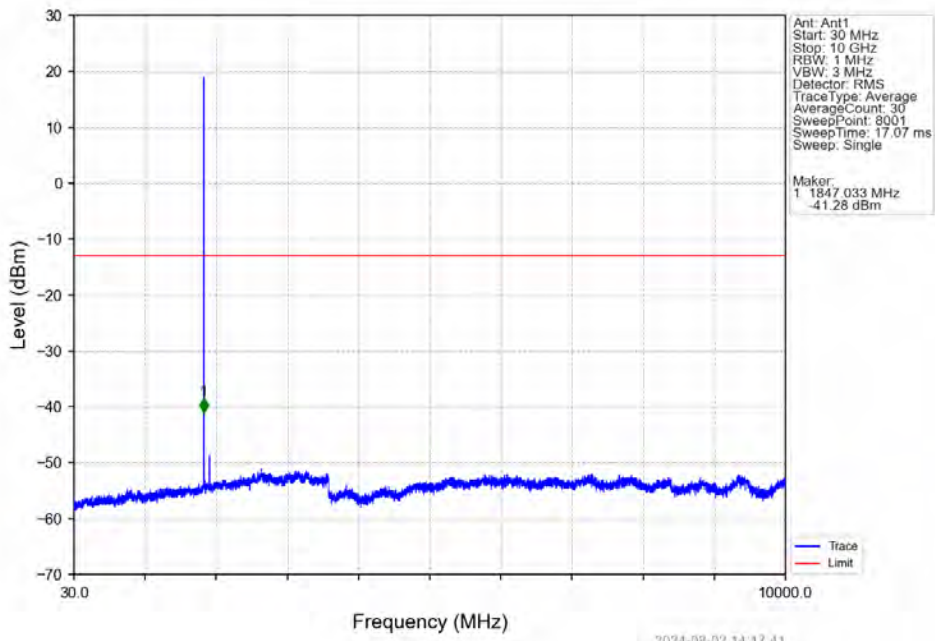
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.013	/	/	/	/	/	/
1915	1916	0.013	/	1	1915.009	-36.23	-13	Pass
1916	1916.5	1	/	2	1916.434	-48.91	-13	Pass

Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

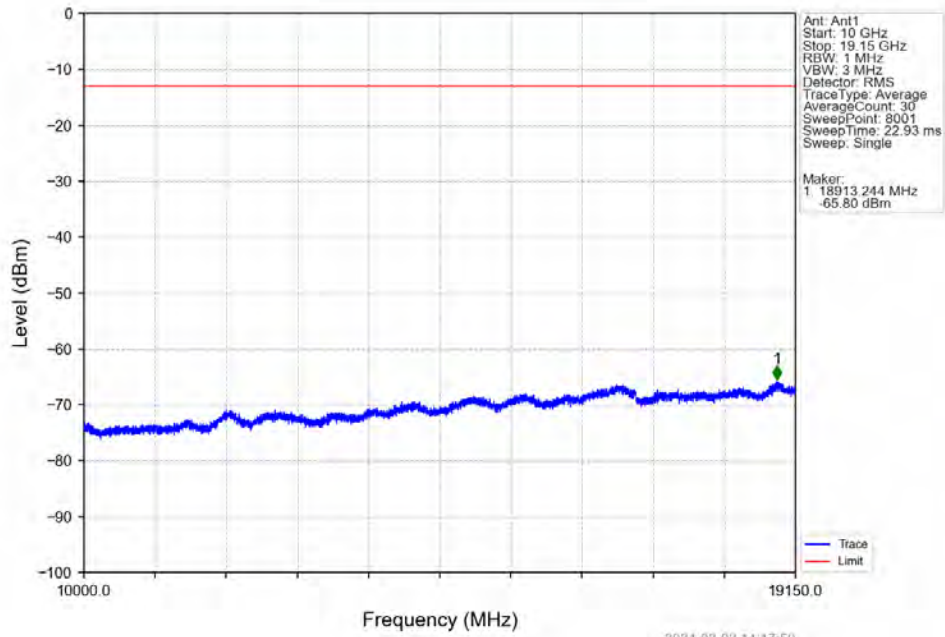


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.581	-61.36	-13	Pass
1849	1850	0.003	/	2	1849.997	-32.88	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

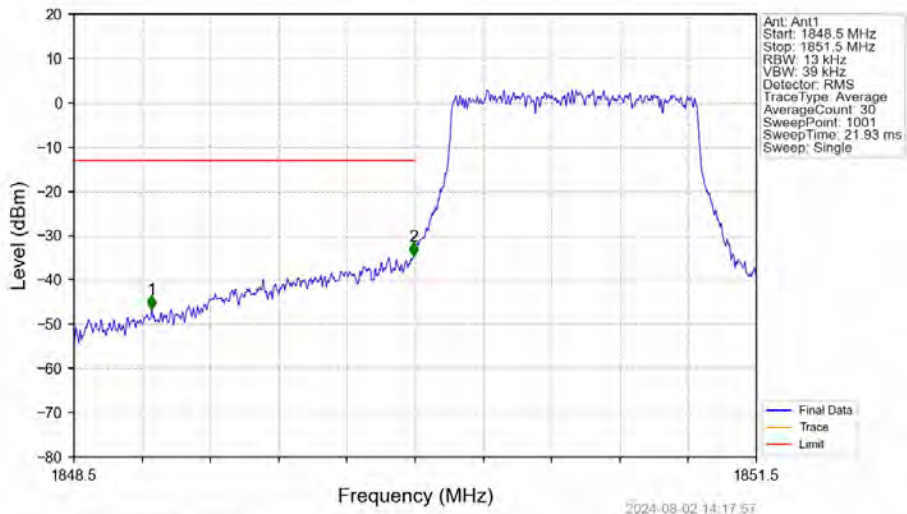
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

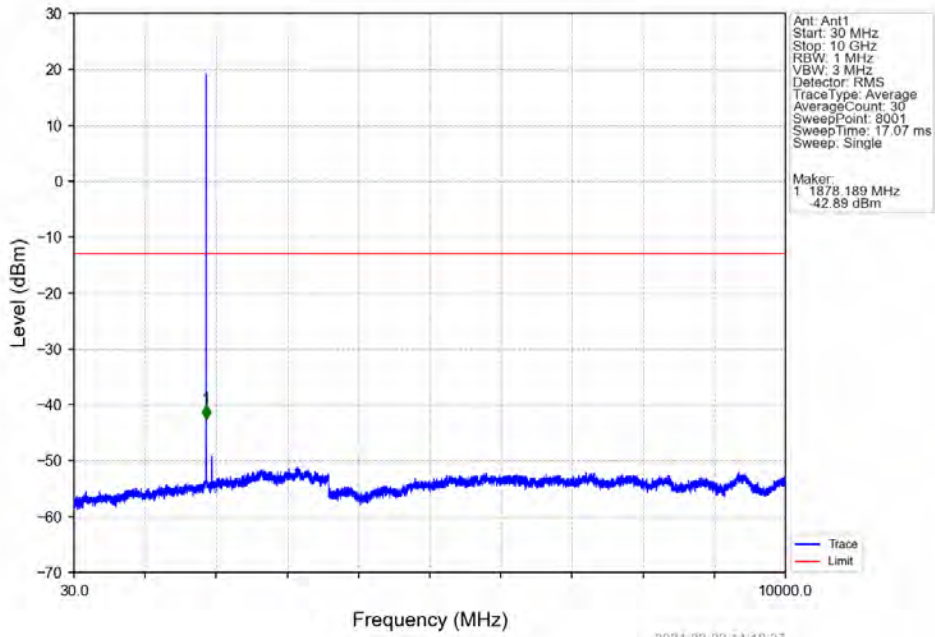


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

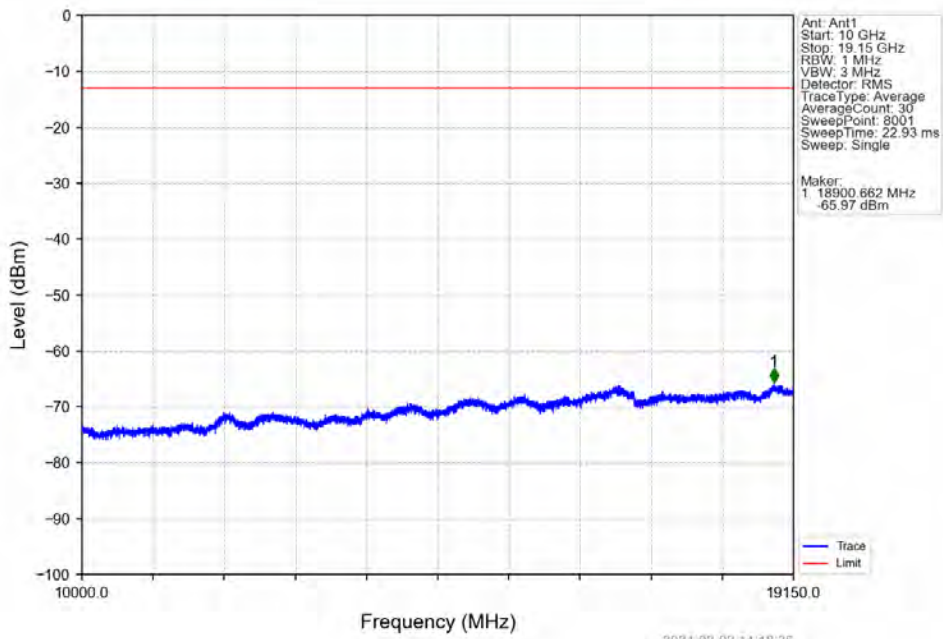


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.842	-46.54	-13	Pass
1849	1850	0.013	/	2	1849.994	-34.64	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

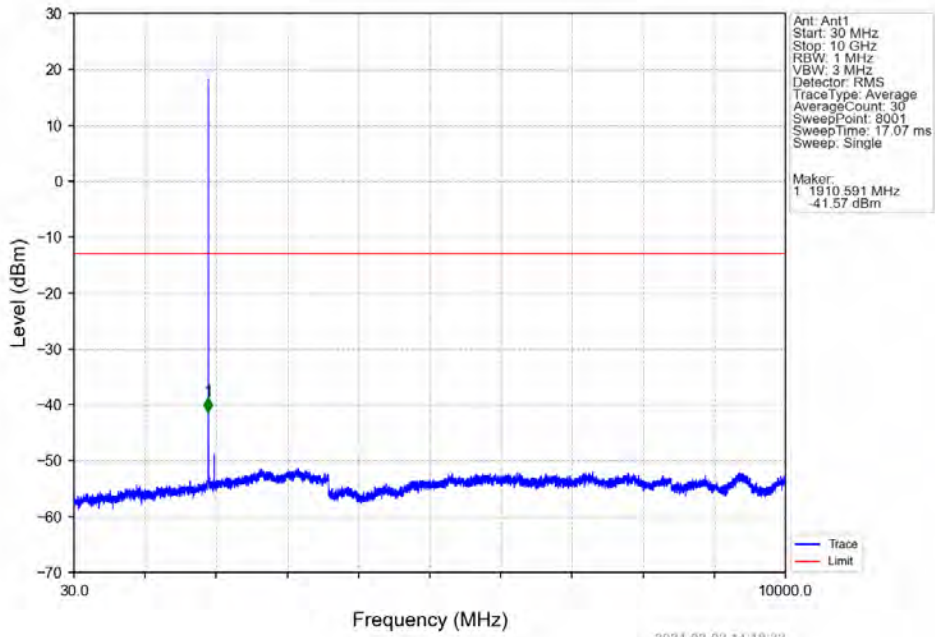
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



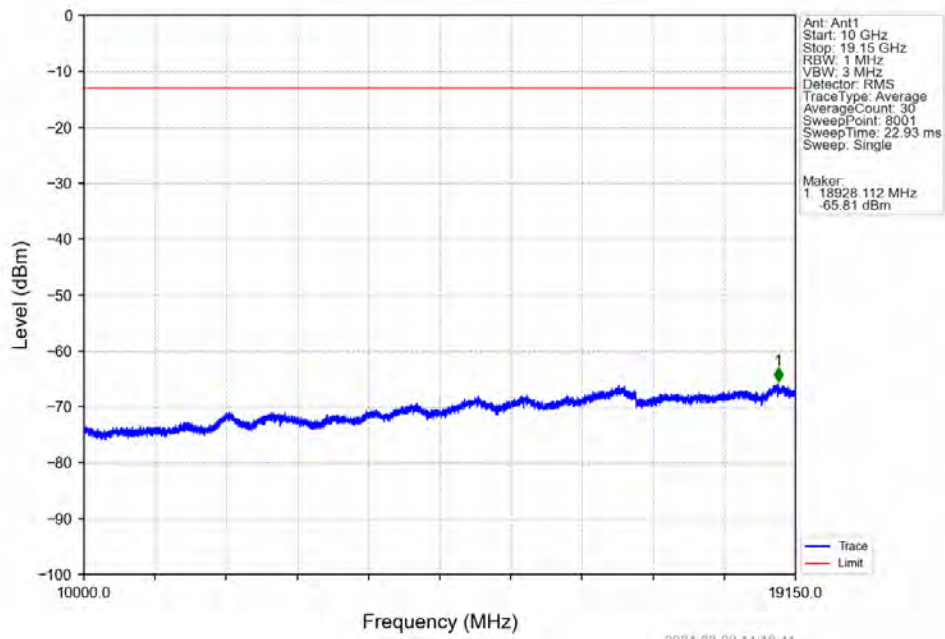
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



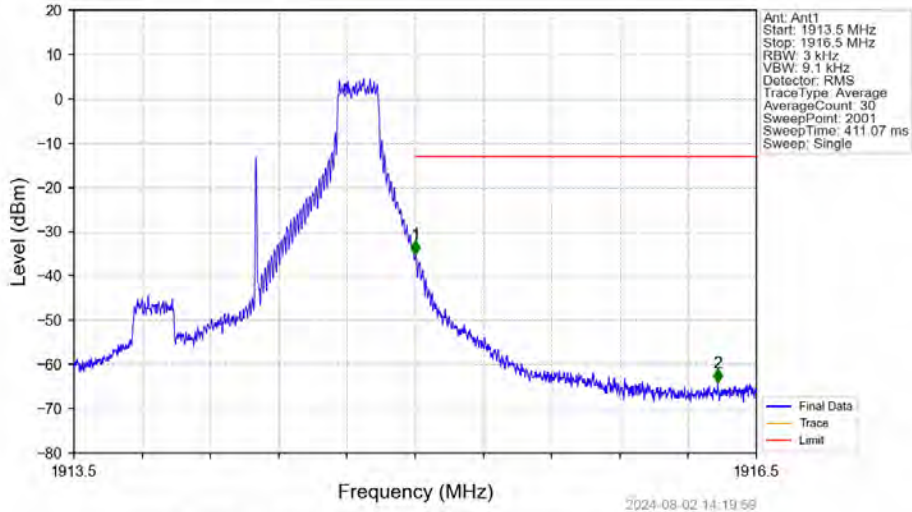
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV

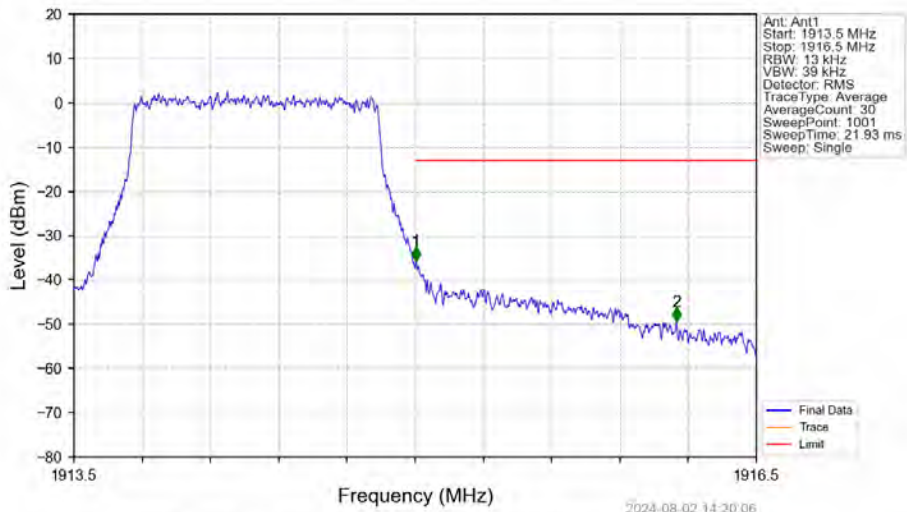


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_5_NTNV



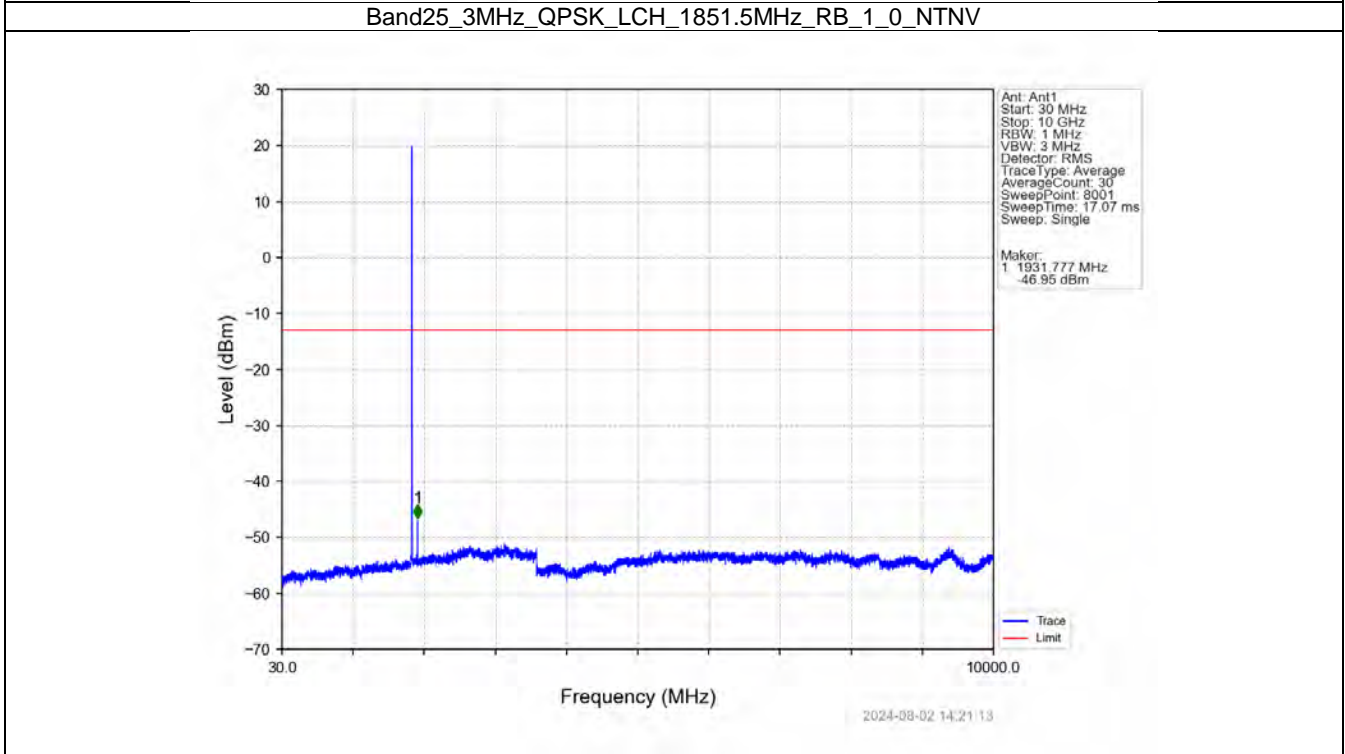
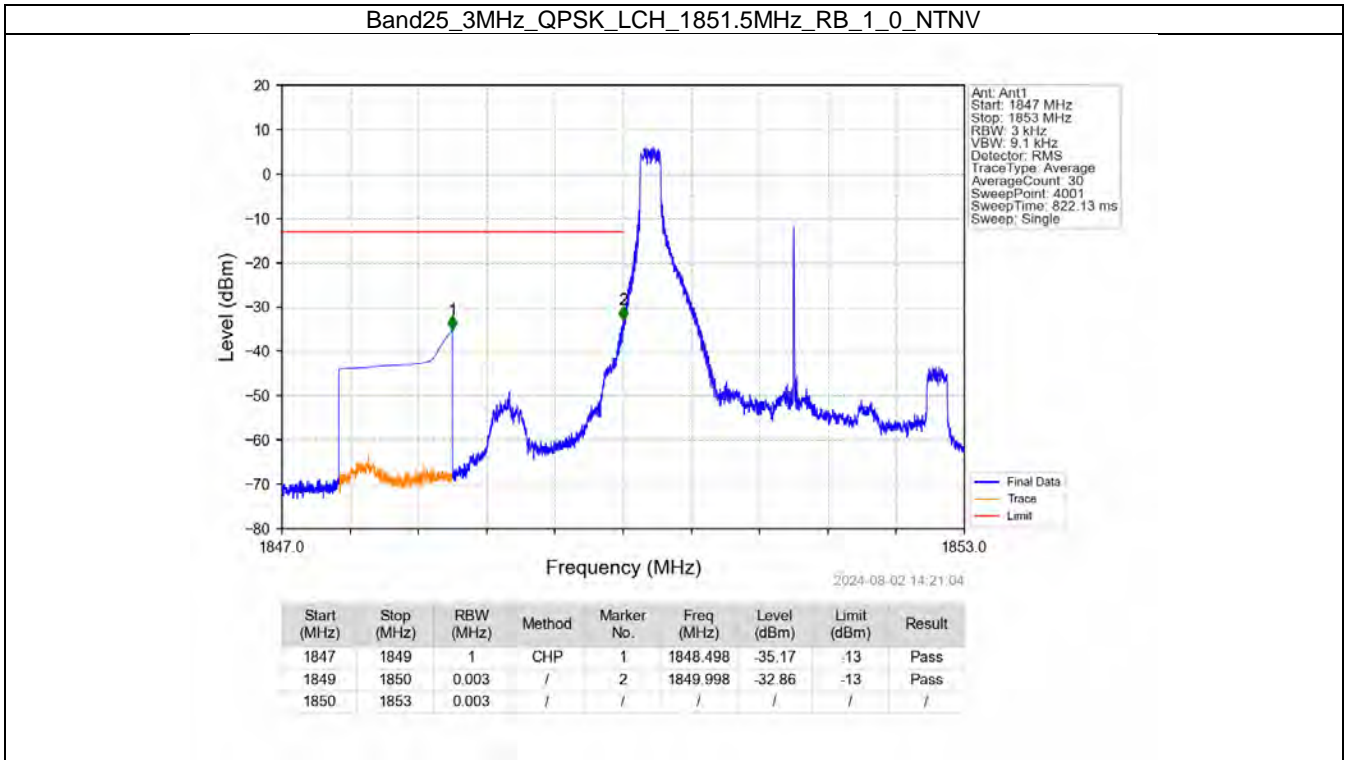
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-35.19	-13	Pass
1916	1916.5	1	/	2	1916.331	-64.10	-13	Pass

Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

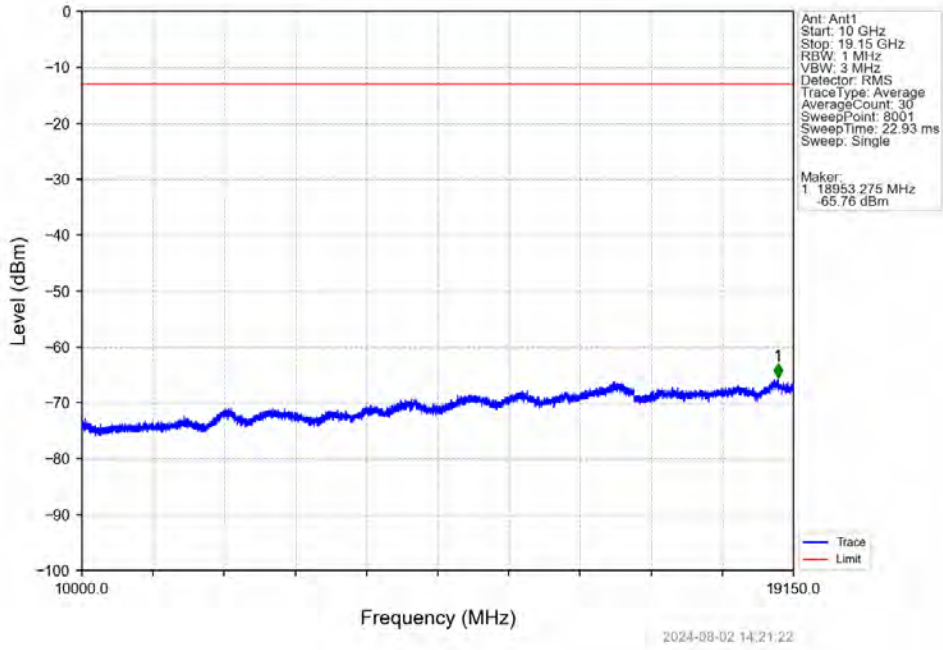


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.013	/	/	/	/	/	/
1915	1916	0.013	/	1	1915.003	-35.71	-13	Pass
1916	1916.5	1	/	2	1916.149	-49.37	-13	Pass

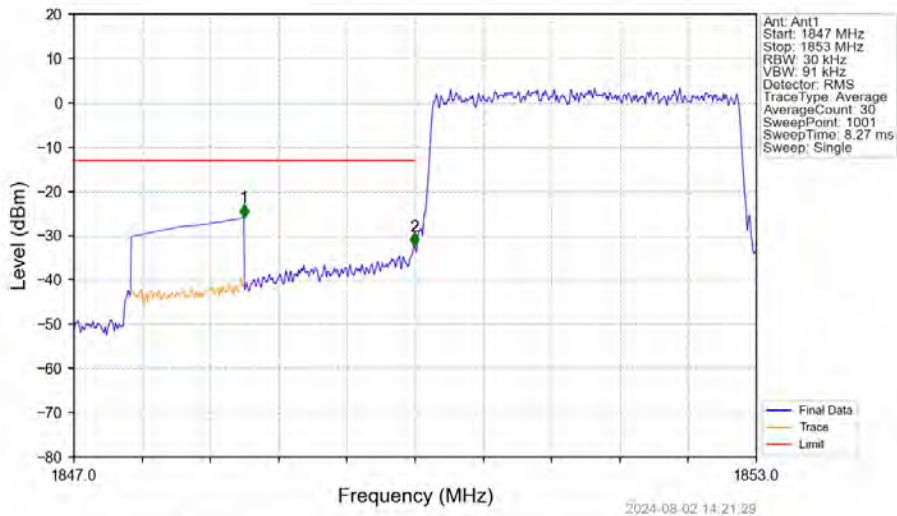
6.2.2 B25_3MHz



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

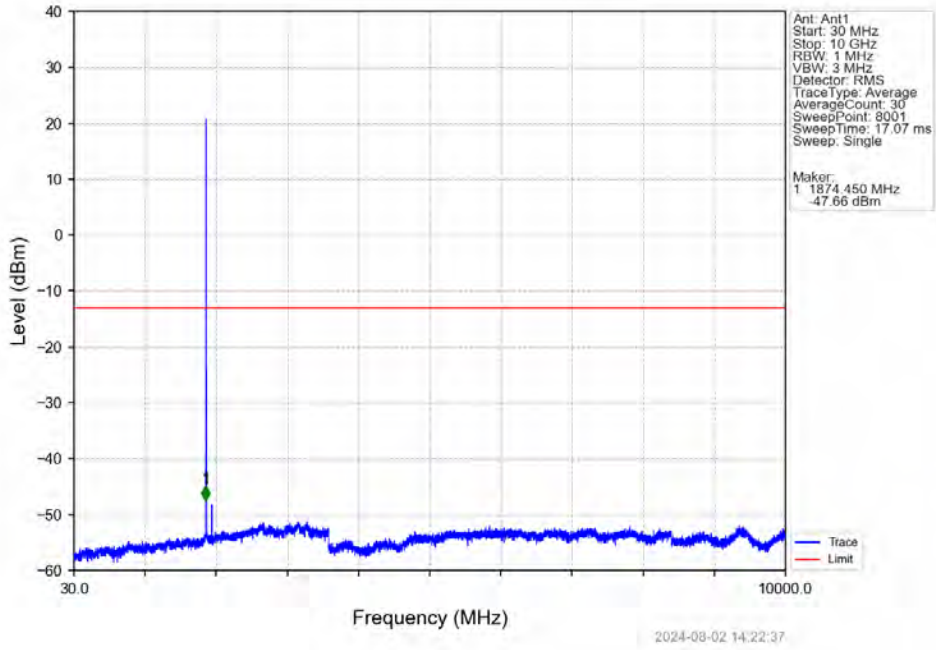


Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

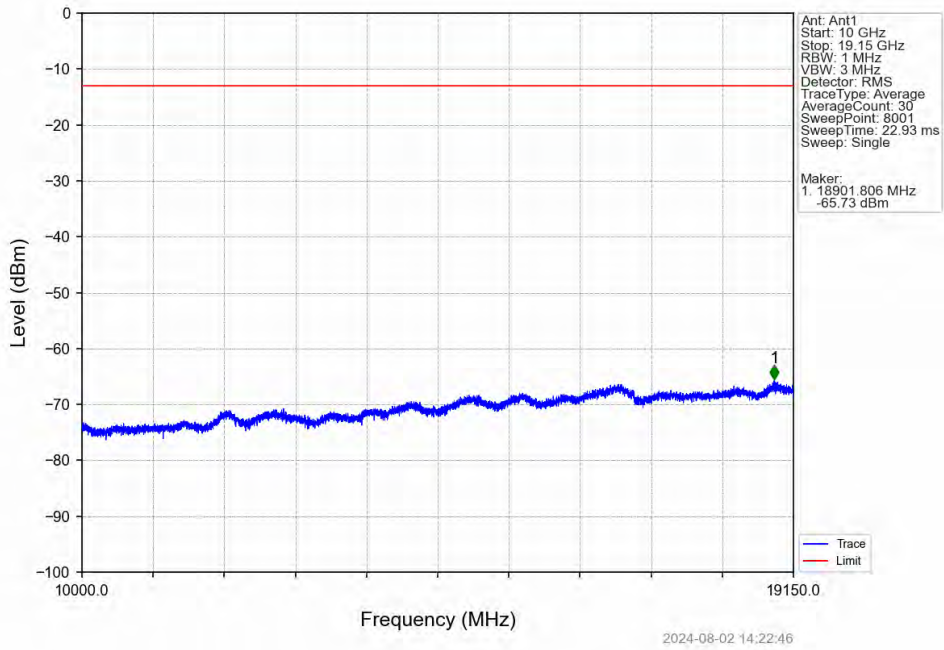


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-25.94	-13	Pass
1849	1850	0.03	/	2	1849.994	-32.38	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

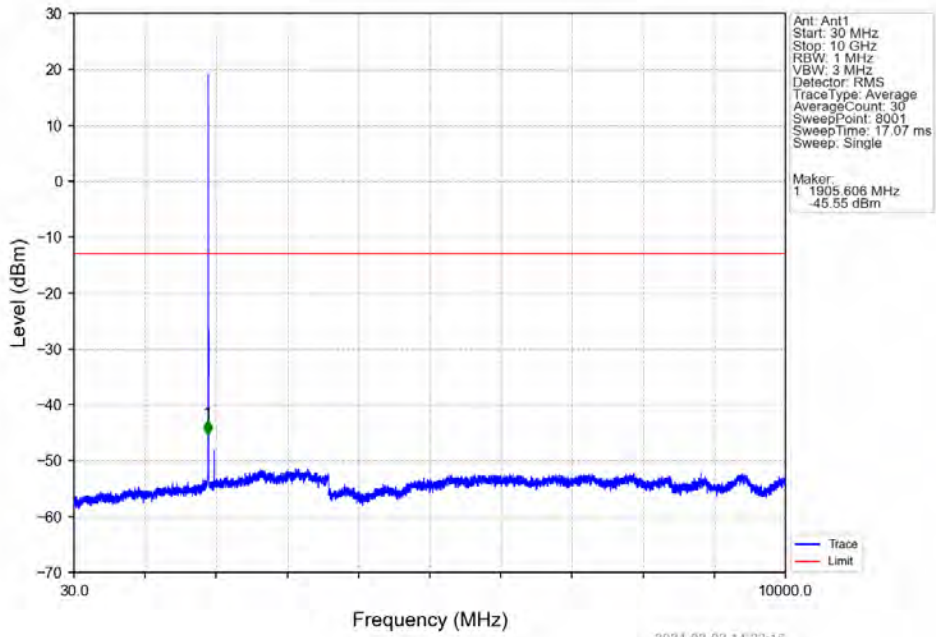
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



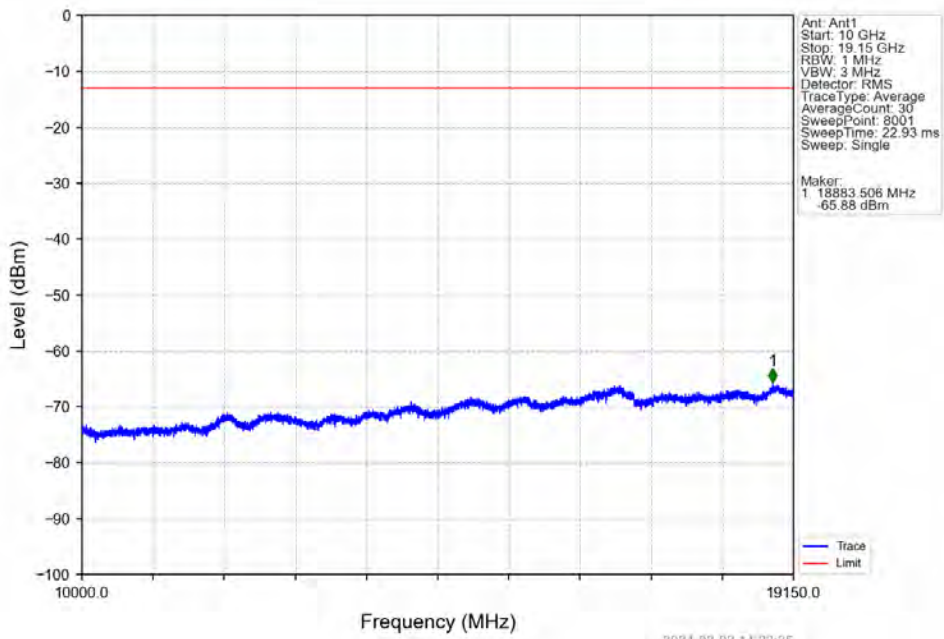
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



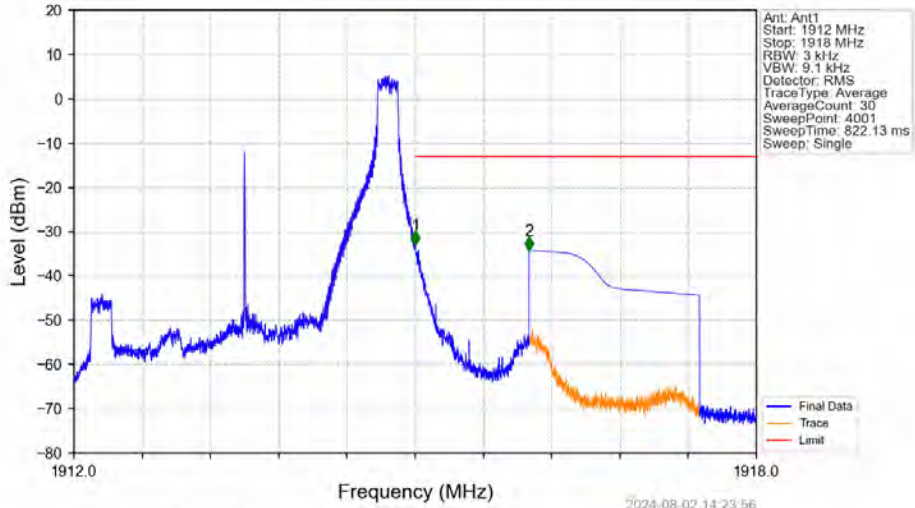
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



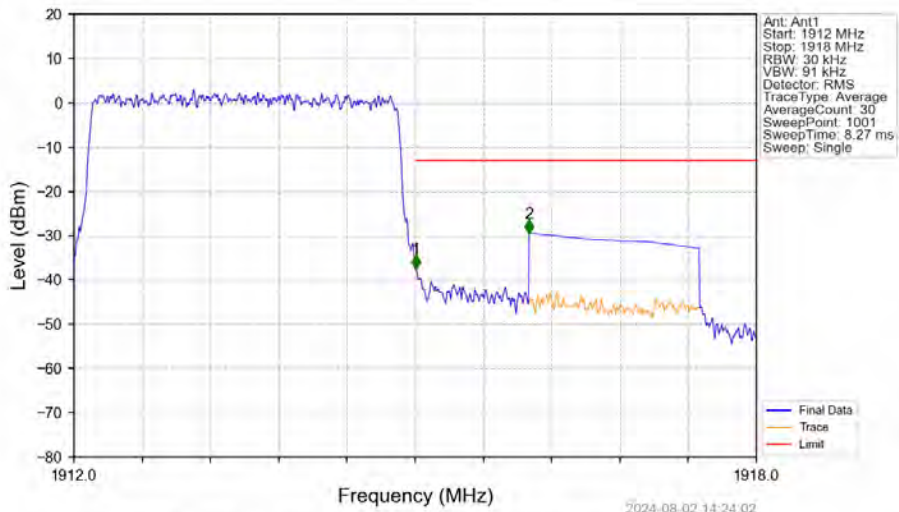
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-32.91	-13	Pass
1916	1918	1	CHP	2	1916.001	-34.14	-13	Pass

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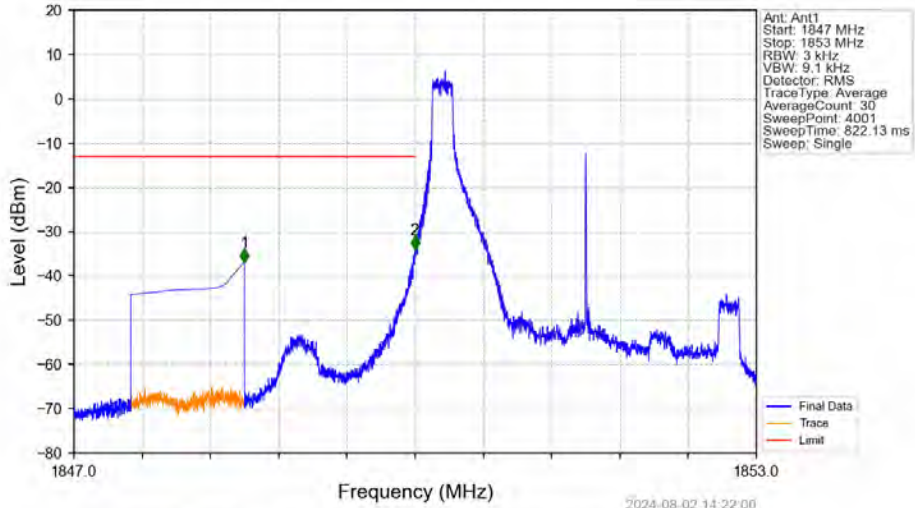
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.03	/	/	/	/	/	/
1915	1916	0.03	/	1	1915.006	-37.55	-13	Pass
1916	1918	1	CHP	2	1916.002	-29.46	-13	Pass

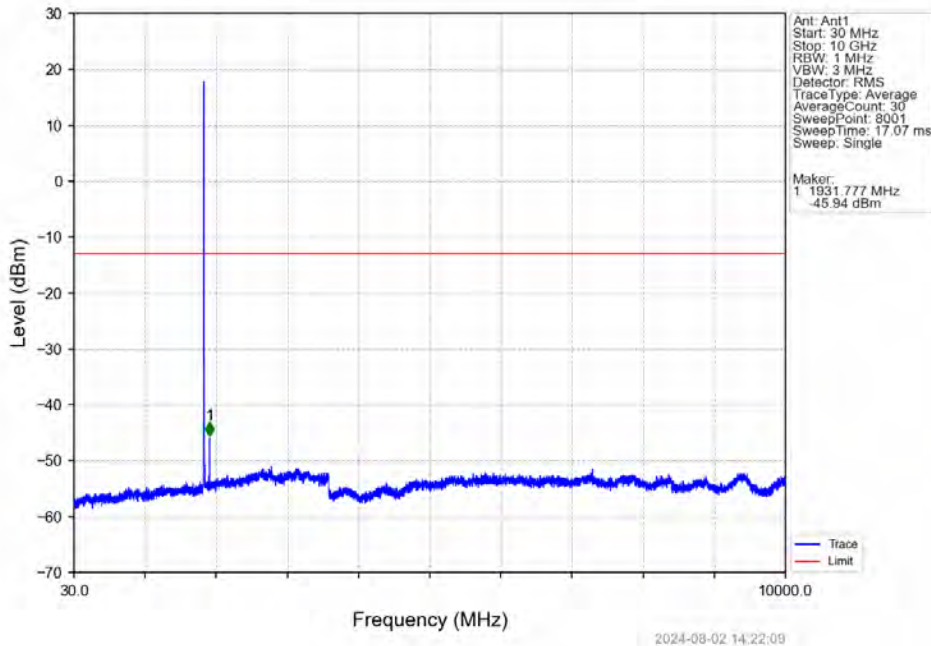
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Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

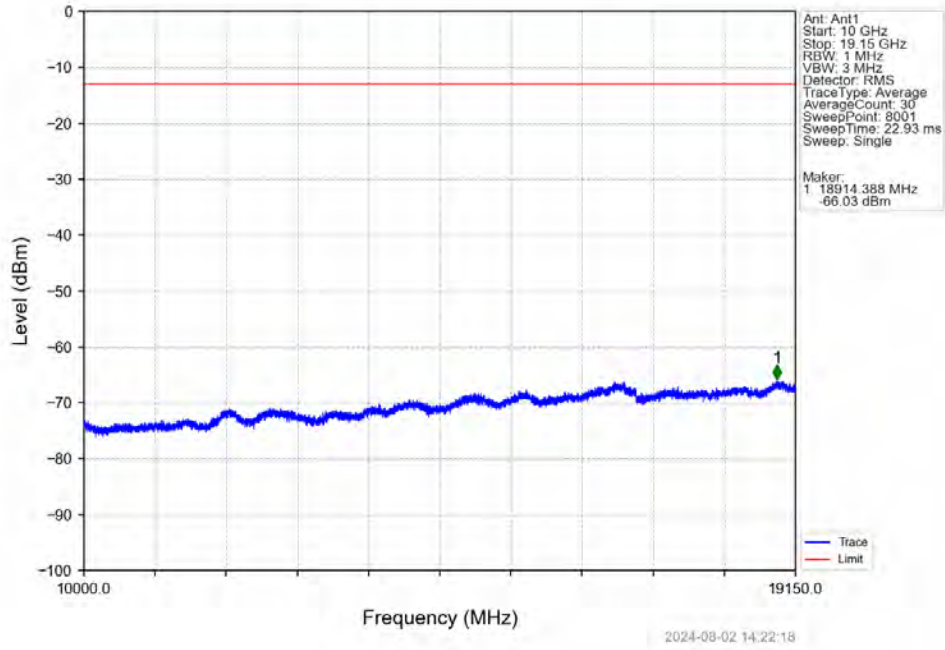


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-36.96	-13	Pass
1849	1850	0.003	/	2	1849.997	-34.00	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

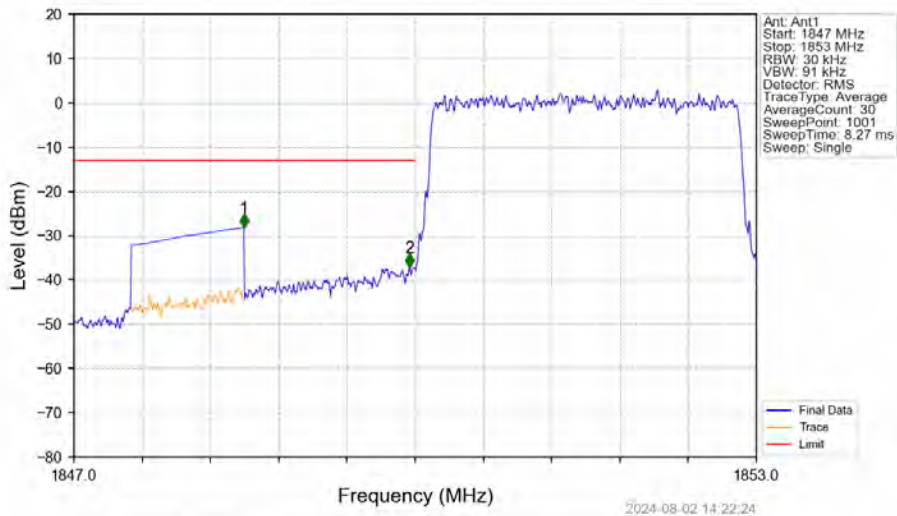
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

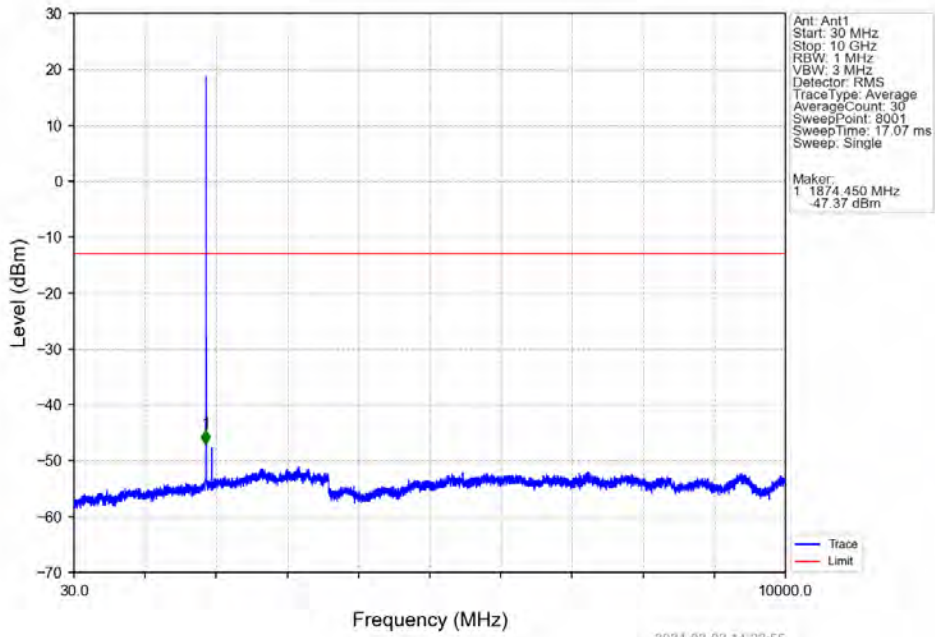


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

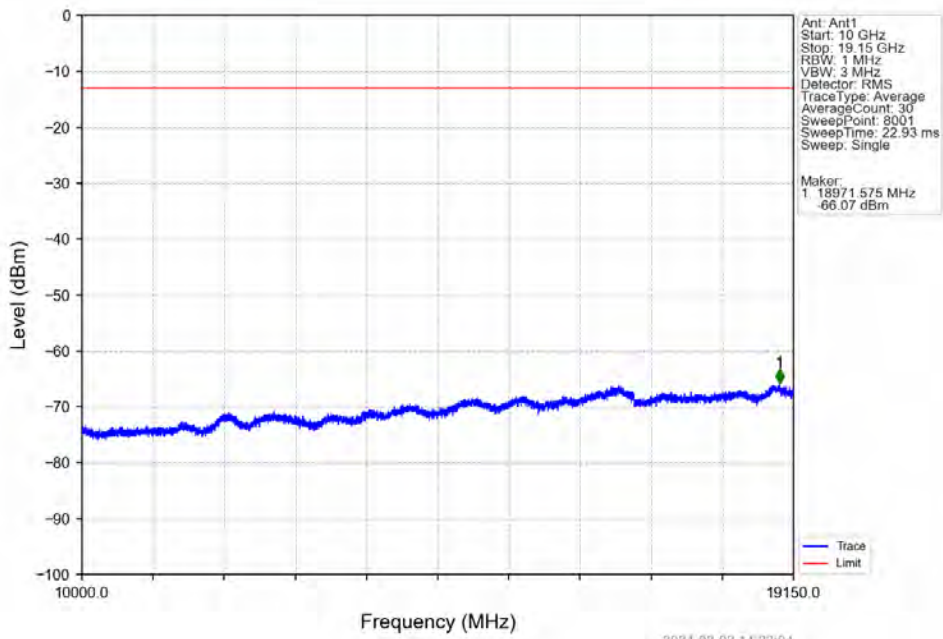


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-28.18	-13	Pass
1849	1850	0.03	/	2	1849.952	-37.06	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

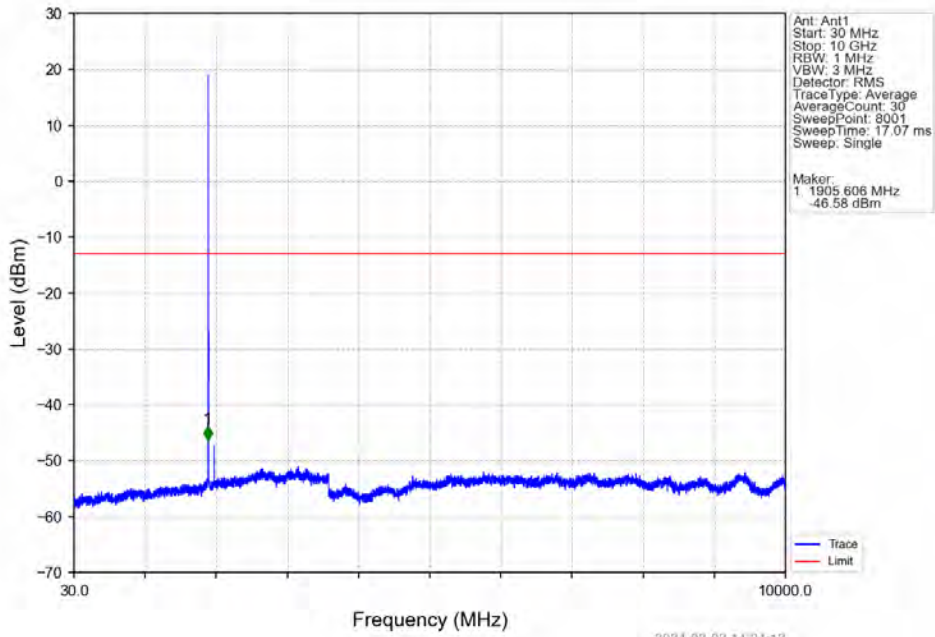
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



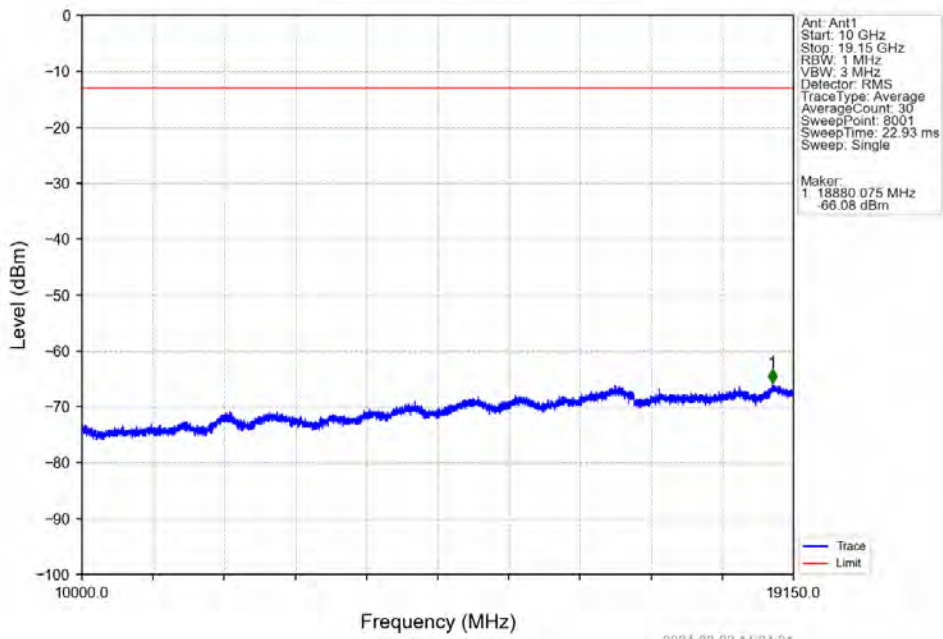
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



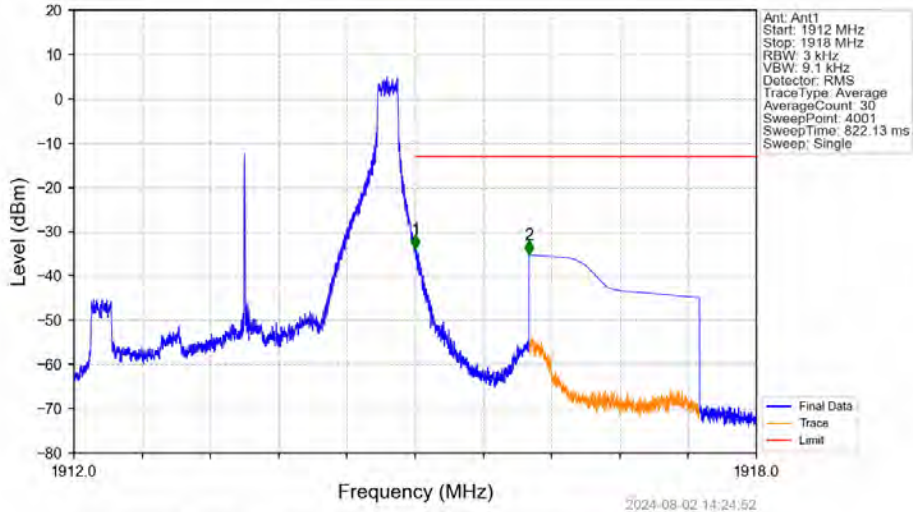
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV

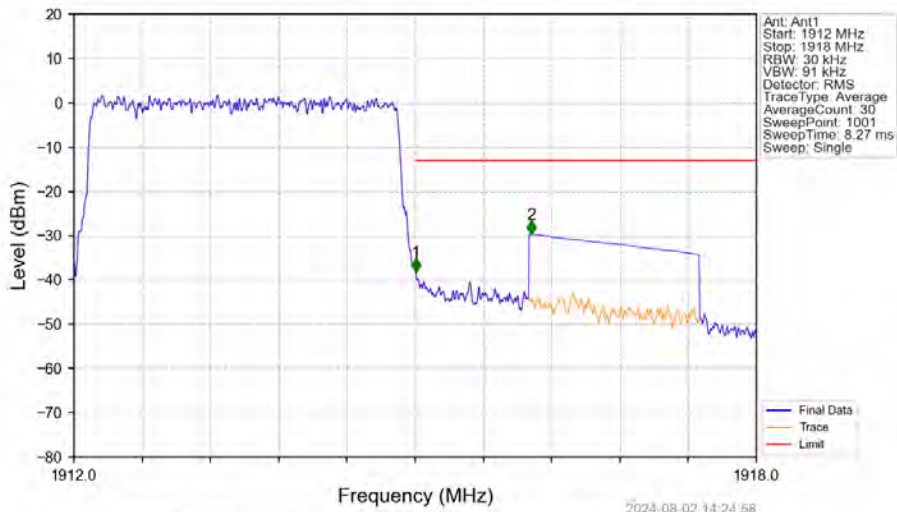


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-33.88	-13	Pass
1916	1918	1	CHP	2	1916.001	-35.21	-13	Pass

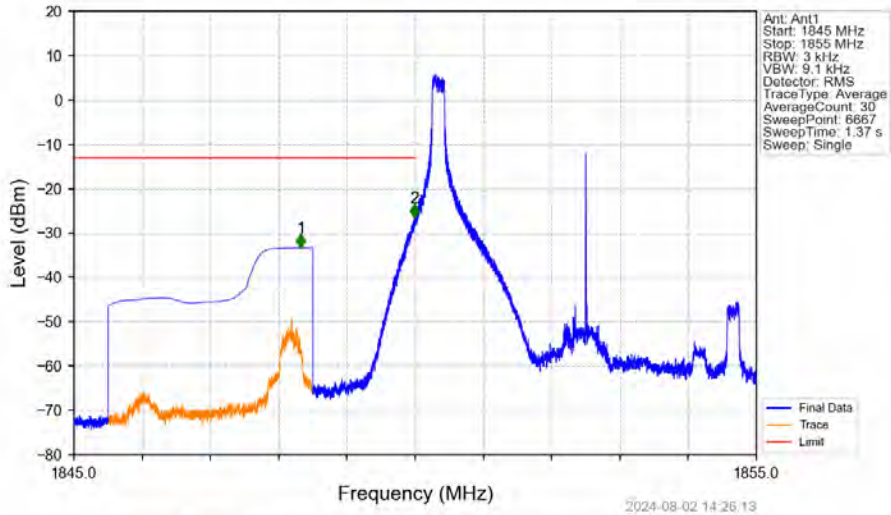
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.03	/	/	/	/	/	/
1915	1916	0.03	/	1	1915.006	-38.31	-13	Pass
1916	1918	1	CHP	2	1916.020	-29.69	-13	Pass

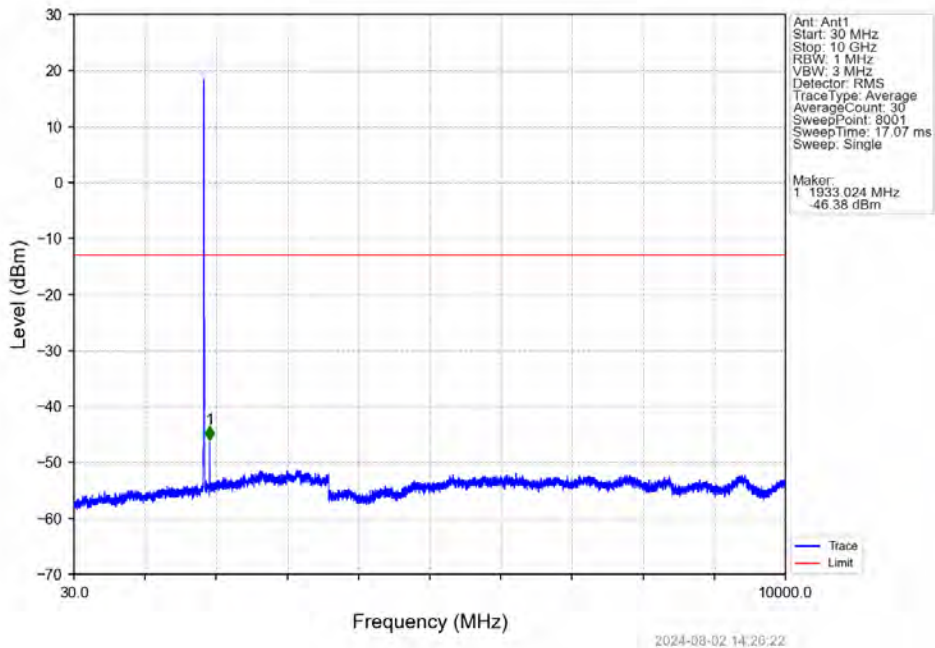
6.2.3 B25_5MHz

Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

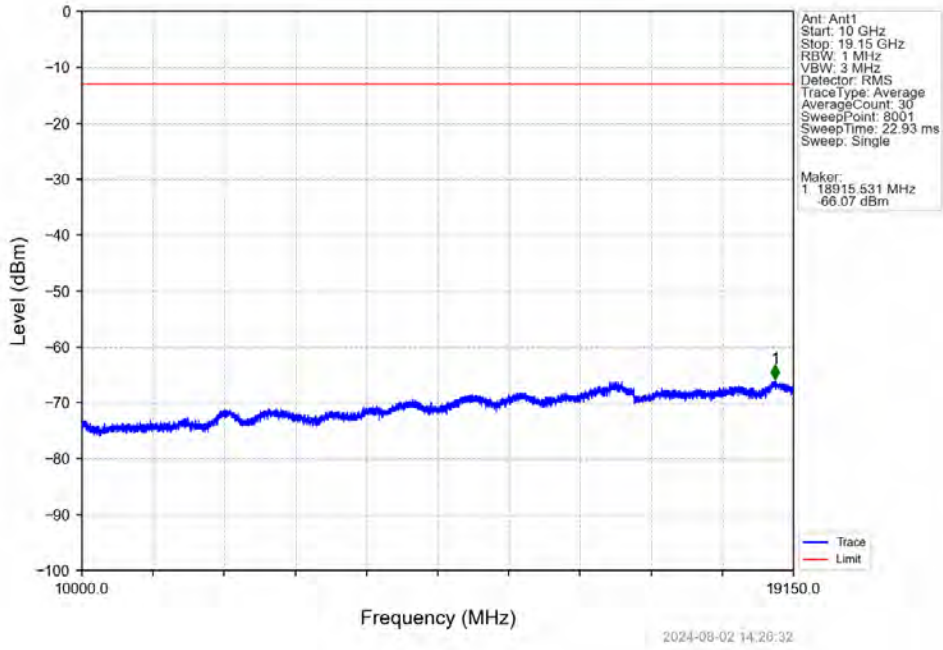


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.327	-33.34	-13	Pass
1849	1850	0.003	/	2	1849.985	-26.56	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

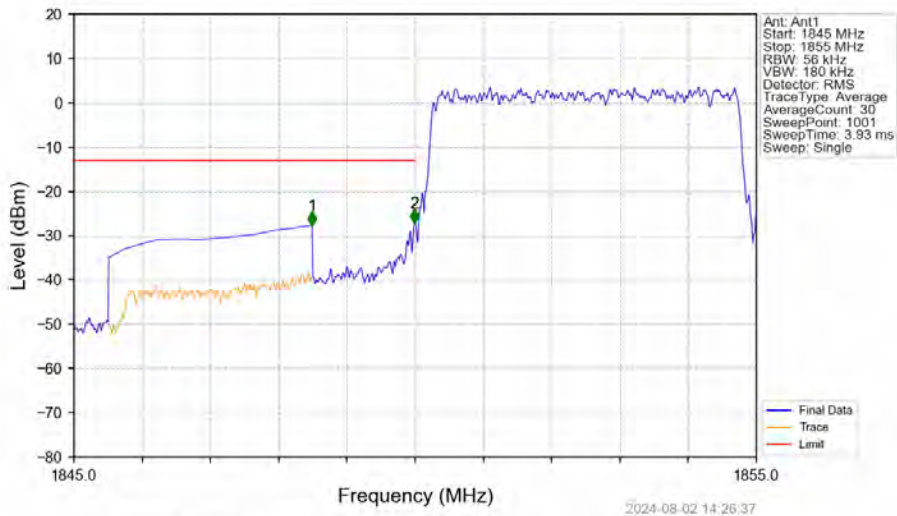
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

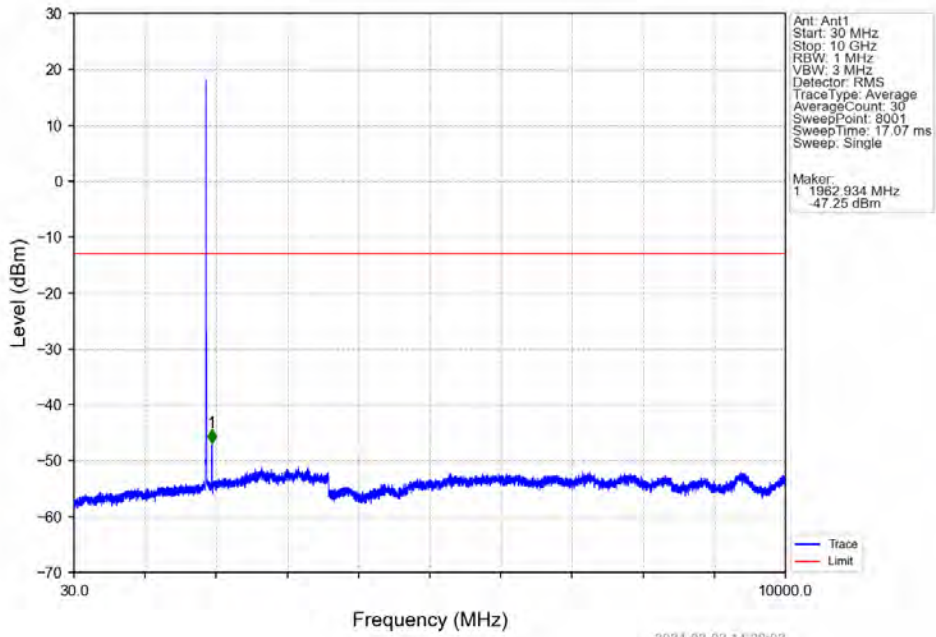


Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

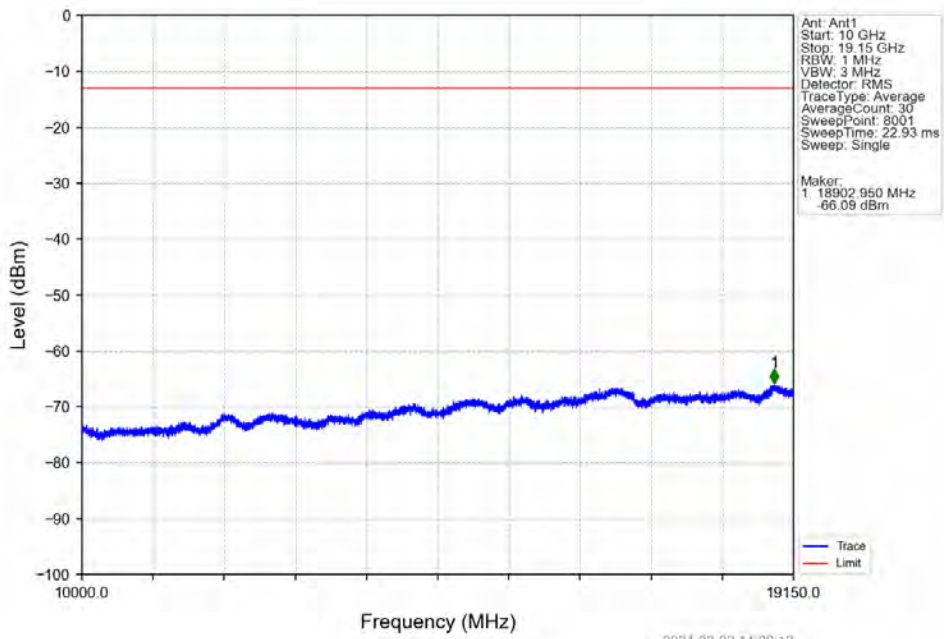


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-27.65	-13	Pass
1849	1850	0.056	/	2	1849.990	-27.04	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

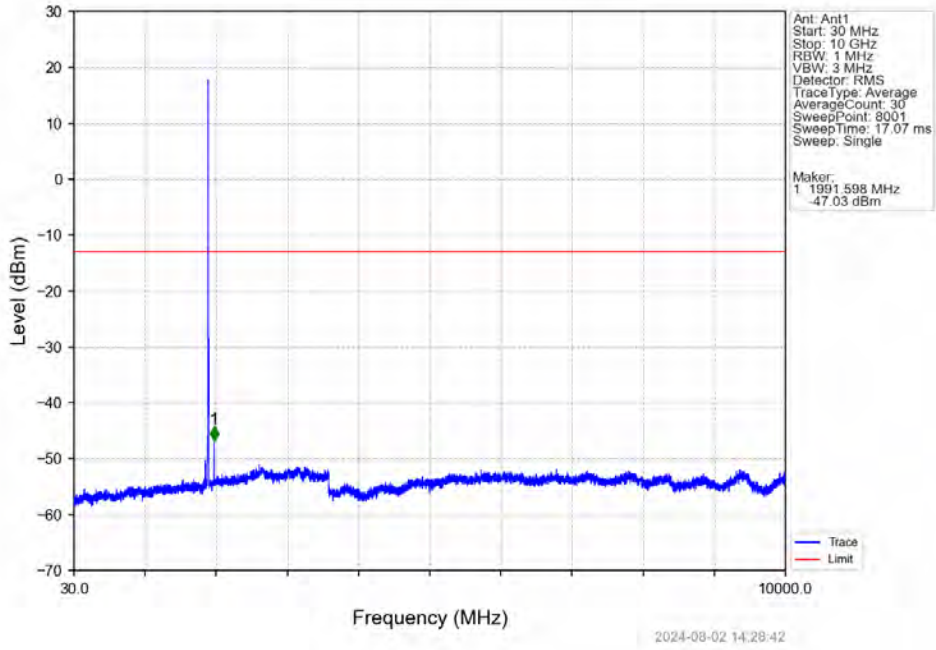
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



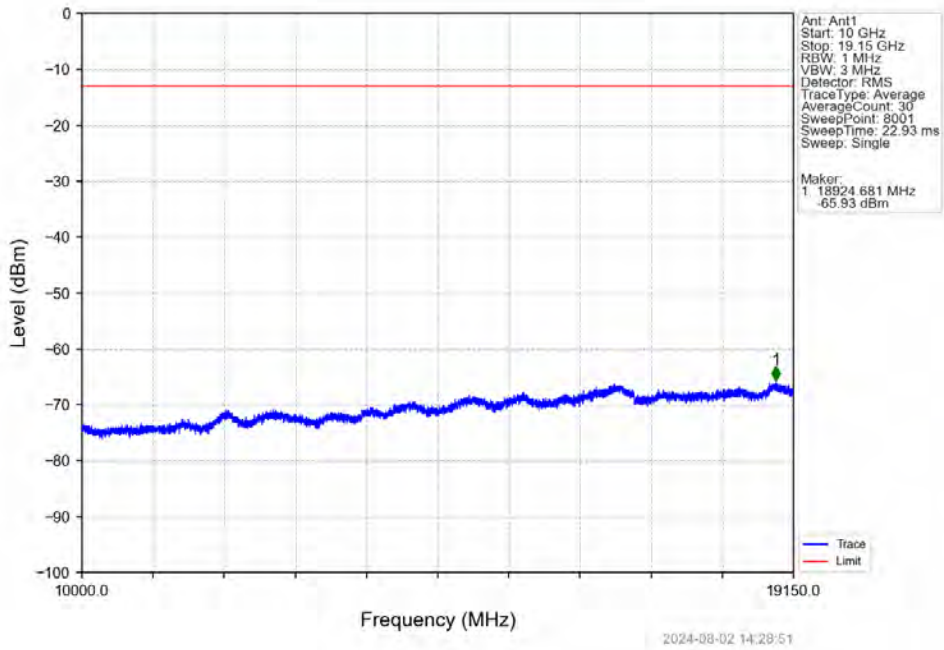
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



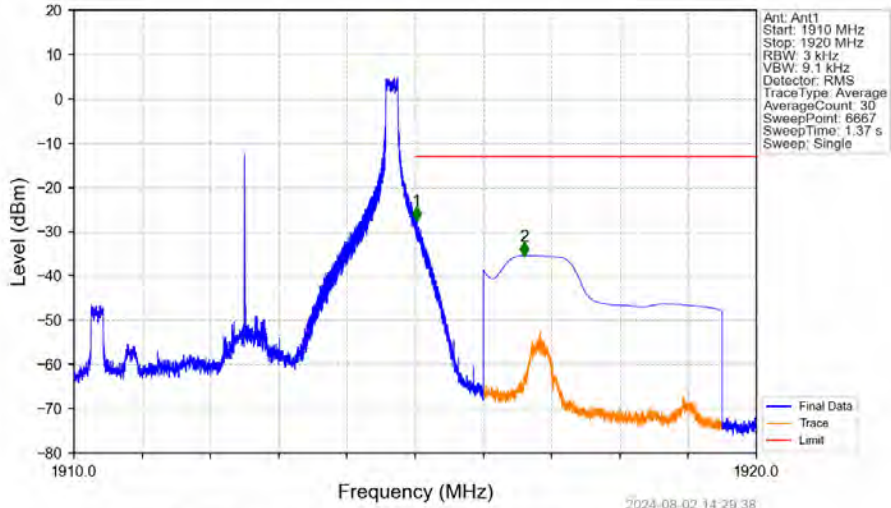
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



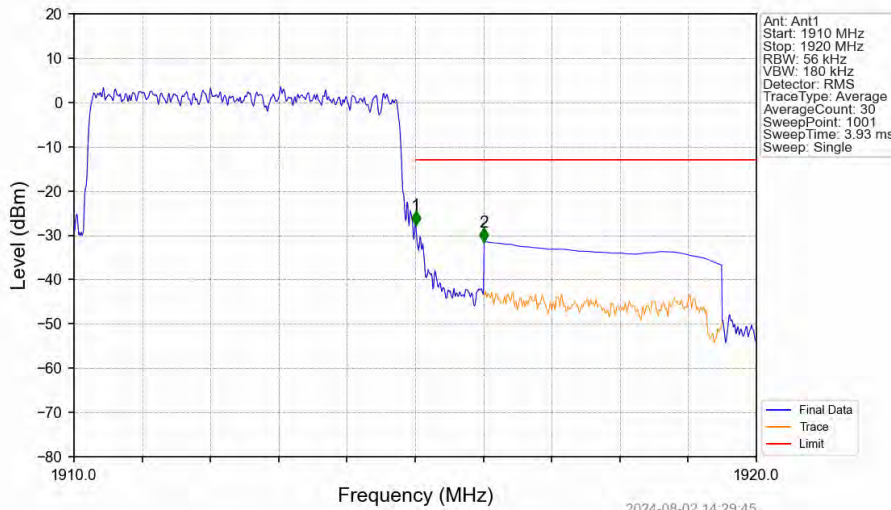
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.024	-27.40	-13	Pass
1916	1920	1	CHP	2	1916.596	-35.44	-13	Pass

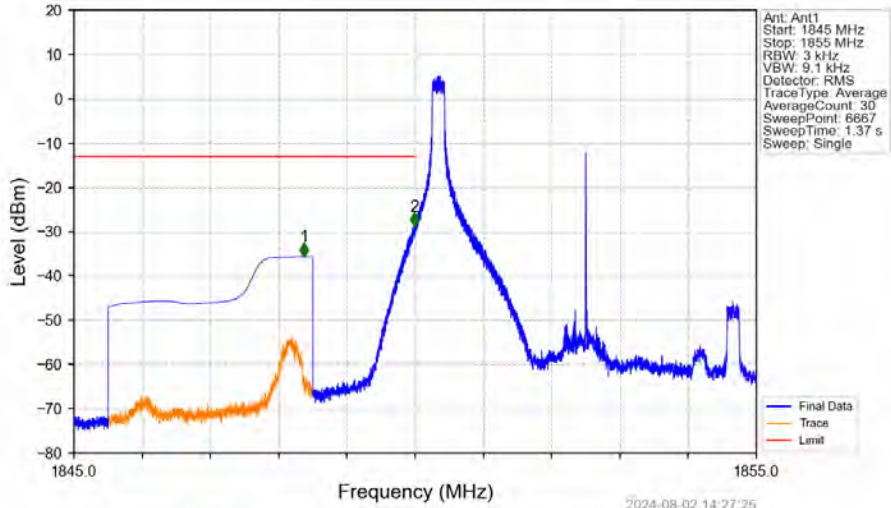
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



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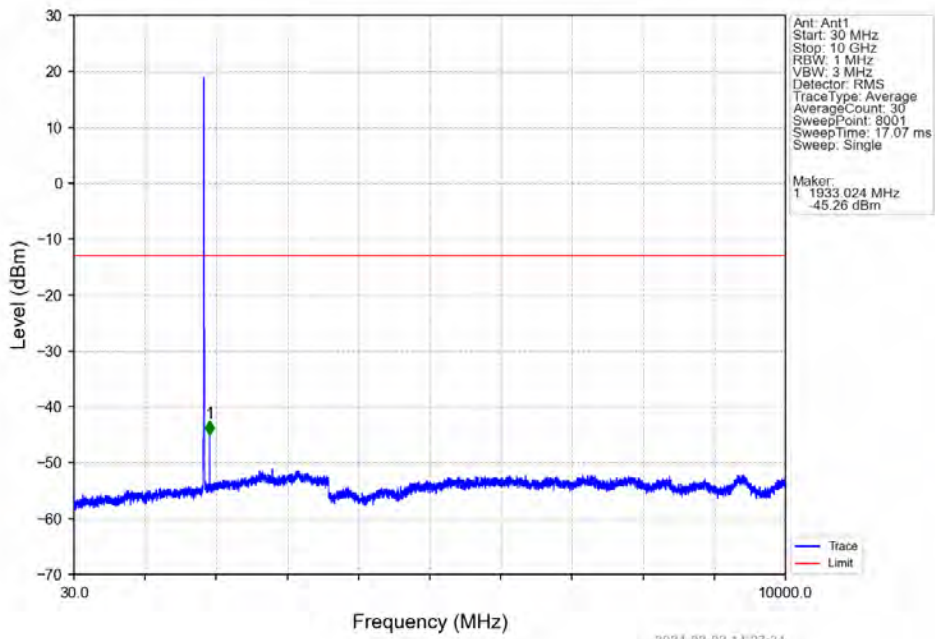
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.056	/	/	/	/	/	/
1915	1916	0.056	/	1	1915.010	-27.72	-13	Pass
1916	1920	1	CHP	2	1916.010	-31.48	-13	Pass

Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

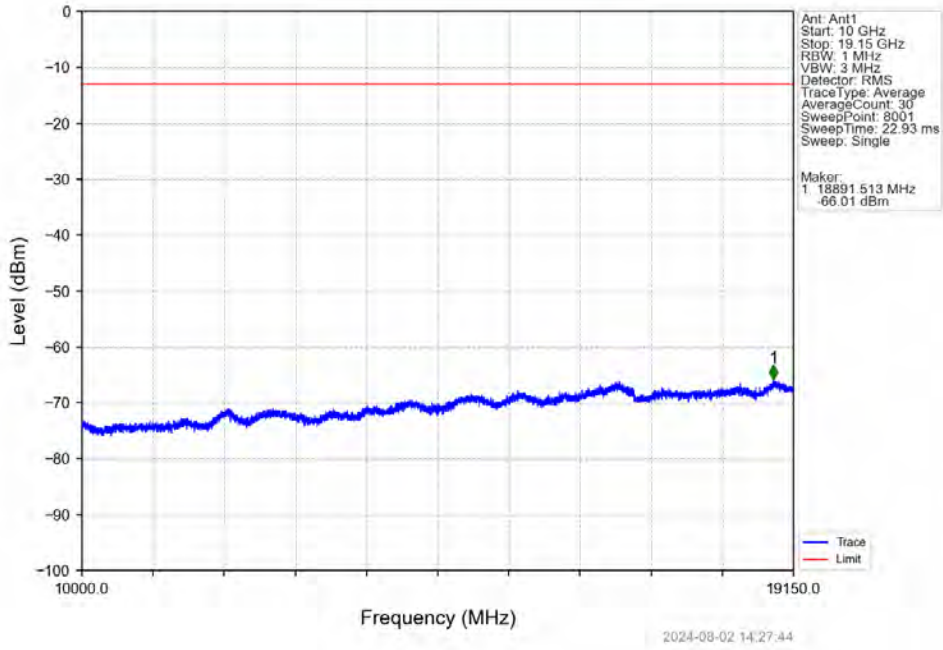


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.371	-35.59	-13	Pass
1849	1850	0.003	/	2	1849.986	-28.76	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

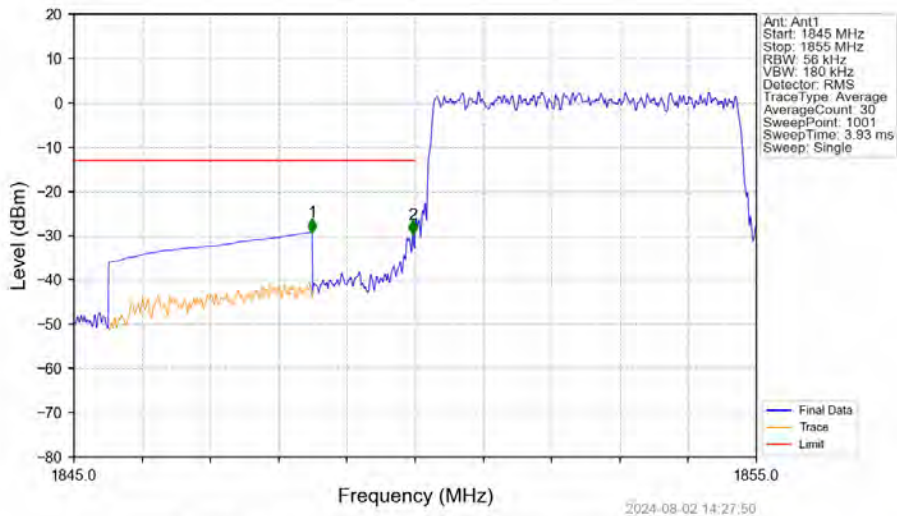
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

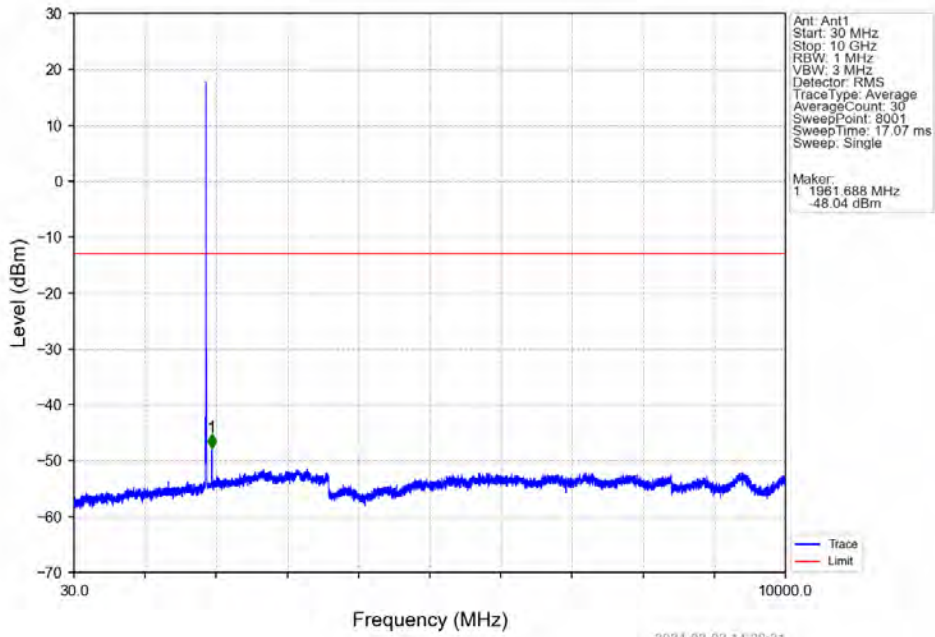


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

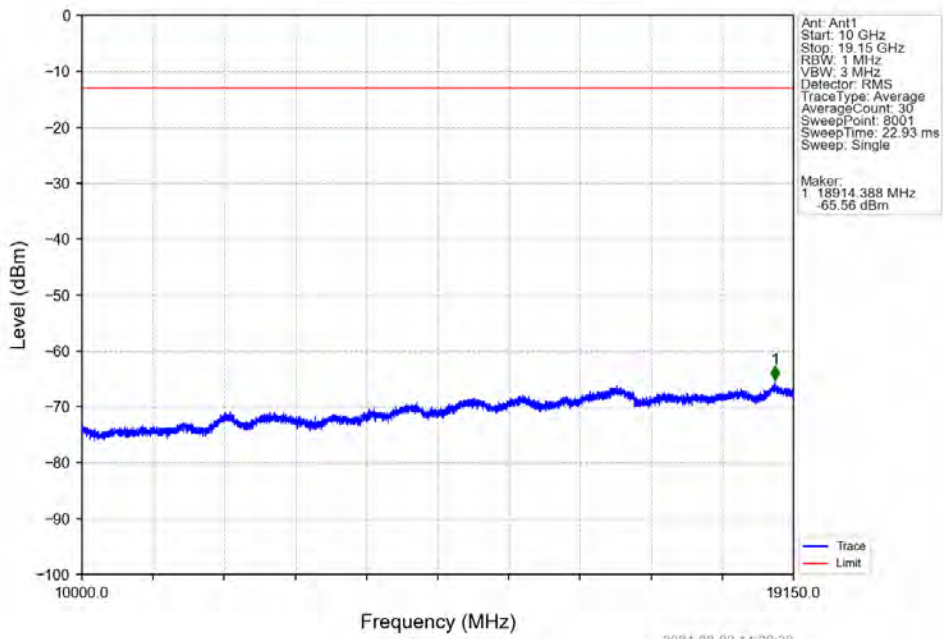


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-29.22	-13	Pass
1849	1850	0.056	/	2	1849.970	-29.71	-13	Pass
1850	1855	0.056	/	/	/	/	/	/

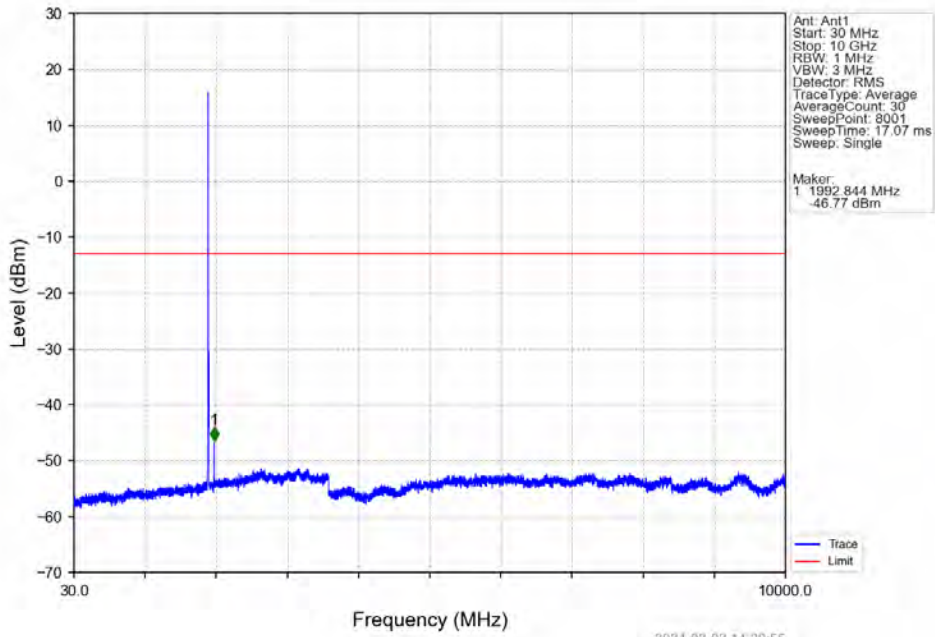
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



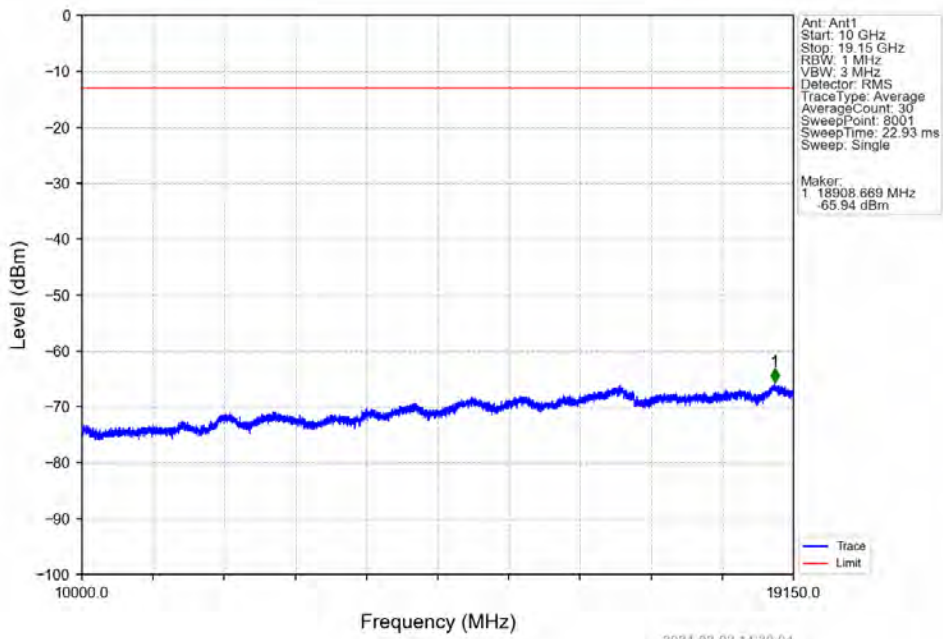
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



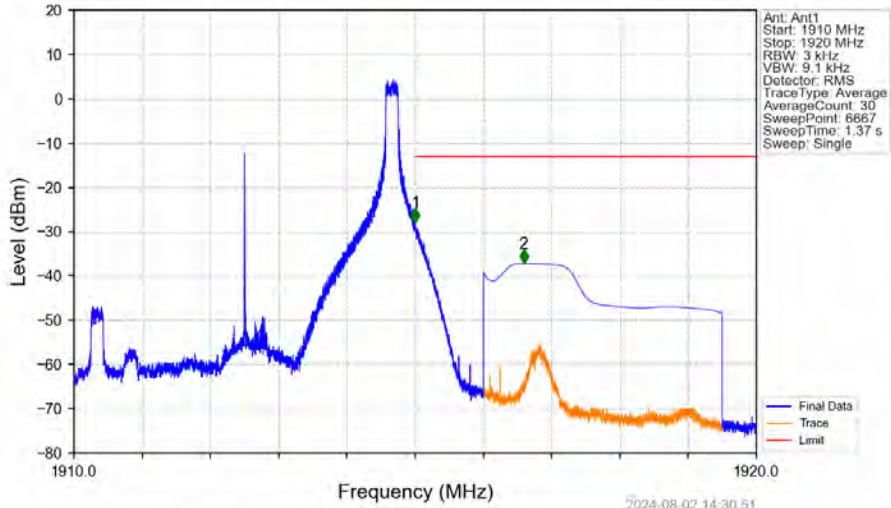
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



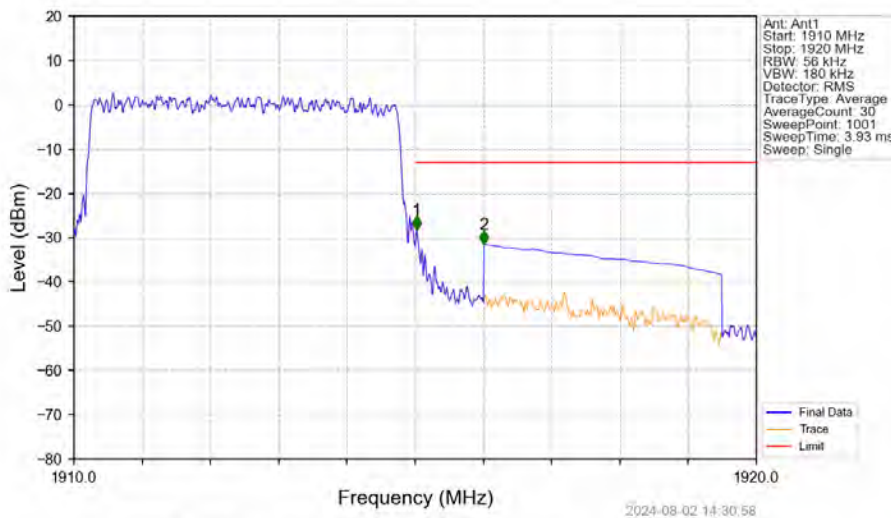
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_24_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-27.77	-13	Pass
1916	1920	1	CHP	2	1916.592	-37.20	-13	Pass

Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

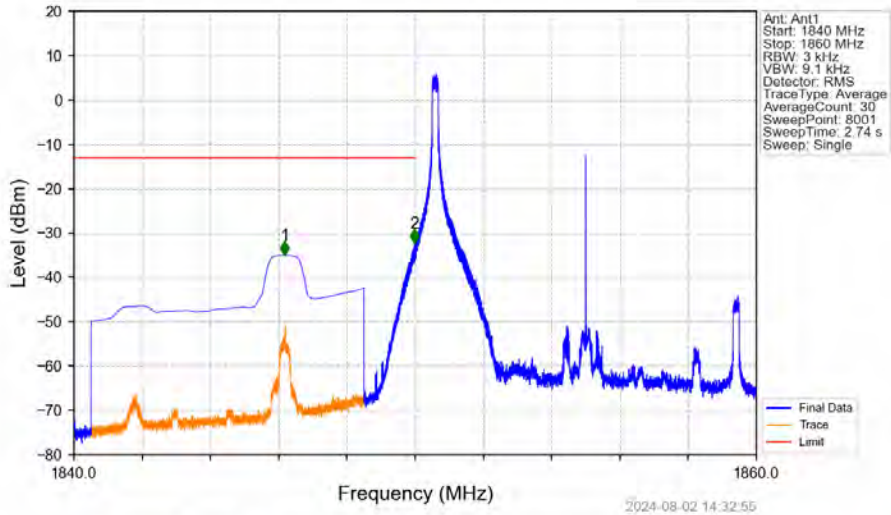


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.056	/	/	/	/	/	/
1915	1916	0.056	/	1	1915.020	-28.21	-13	Pass
1916	1920	1	CHP	2	1916.010	-31.53	-13	Pass

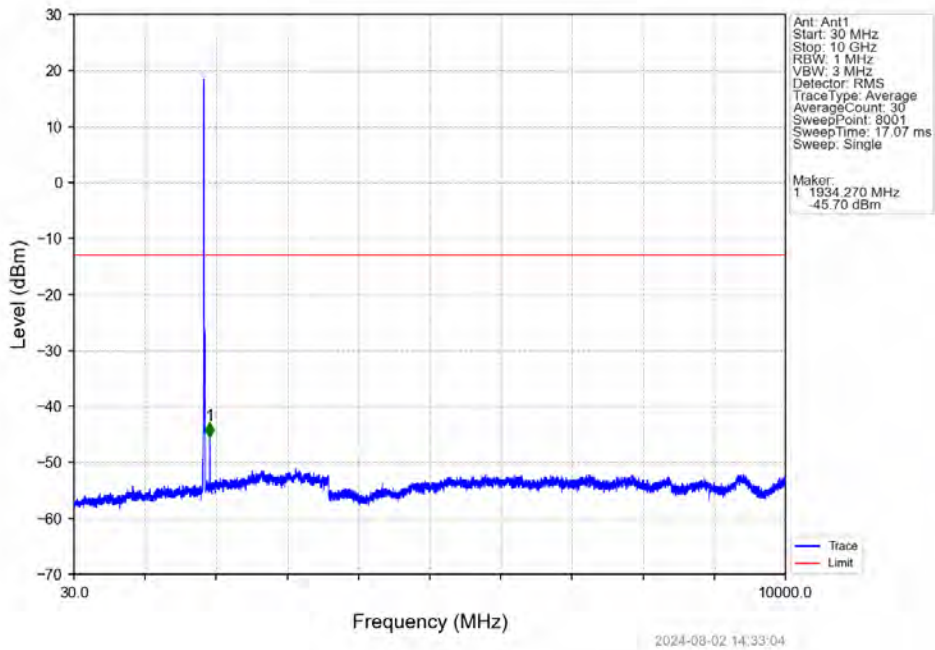
6.2.4 B25_10MHz

Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

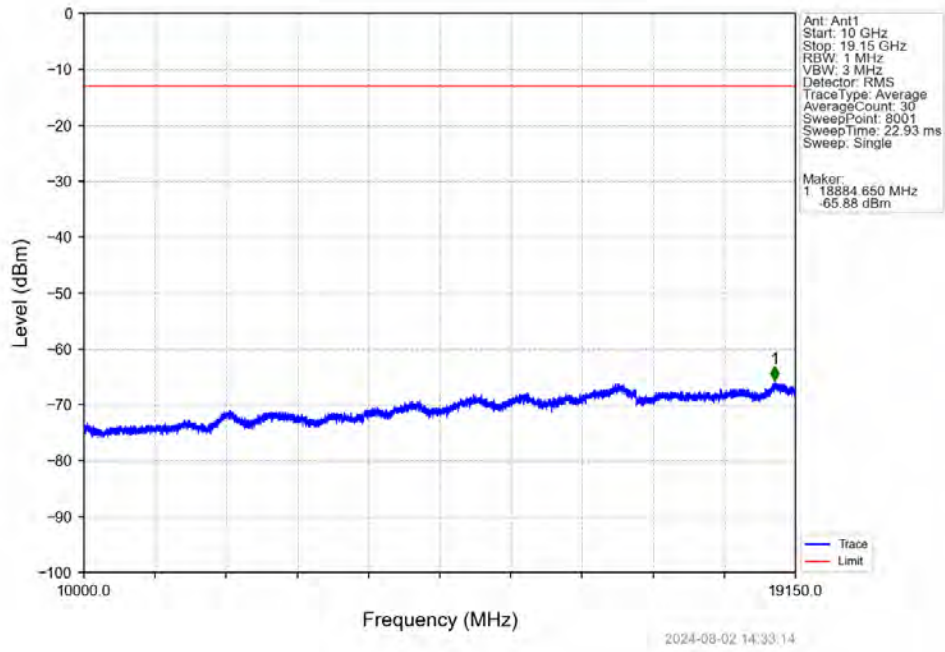


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.172	-35.04	-13	Pass
1849	1850	0.003	/	2	1849.987	-32.26	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

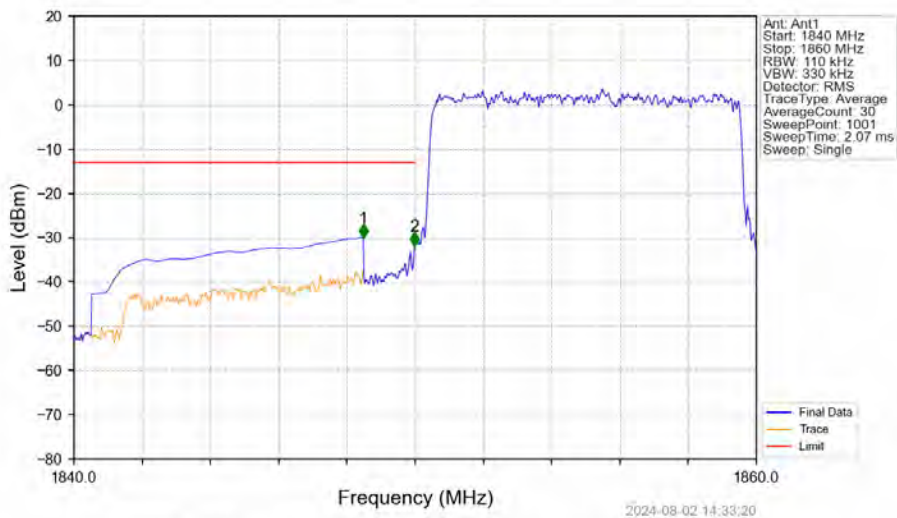
Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

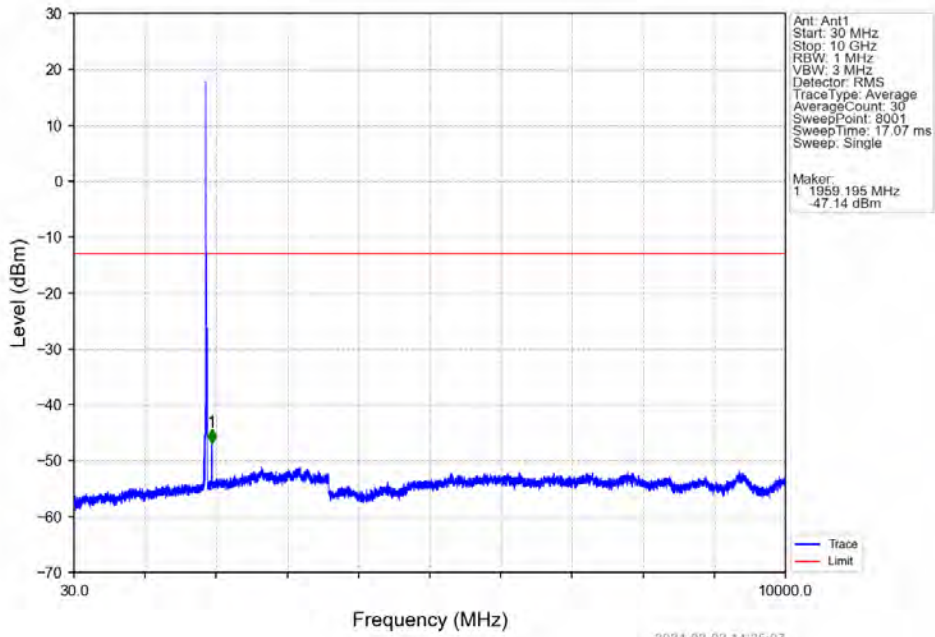


Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

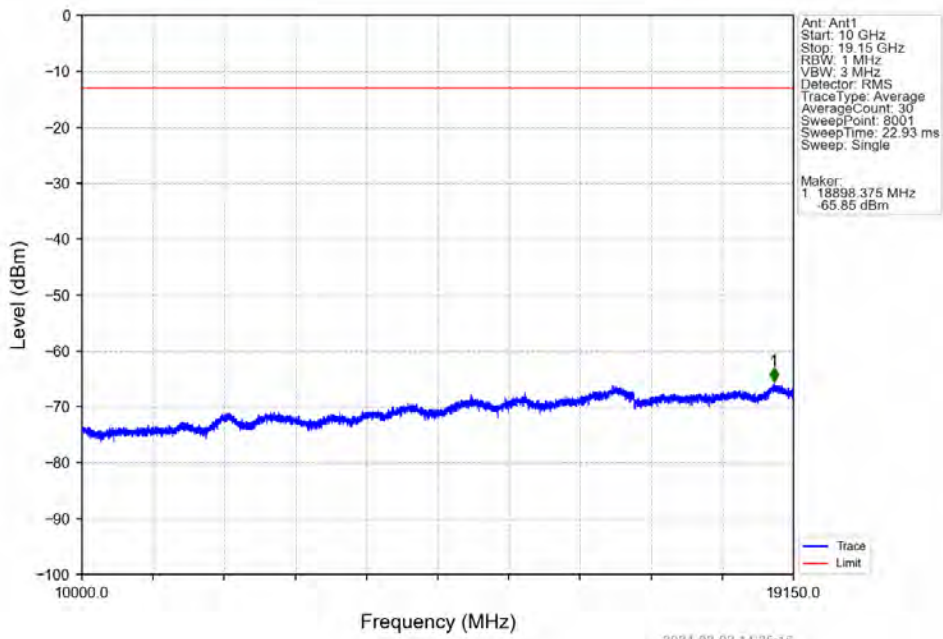


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-30.00	-13	Pass
1849	1850	0.11	/	2	1849.980	-31.78	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

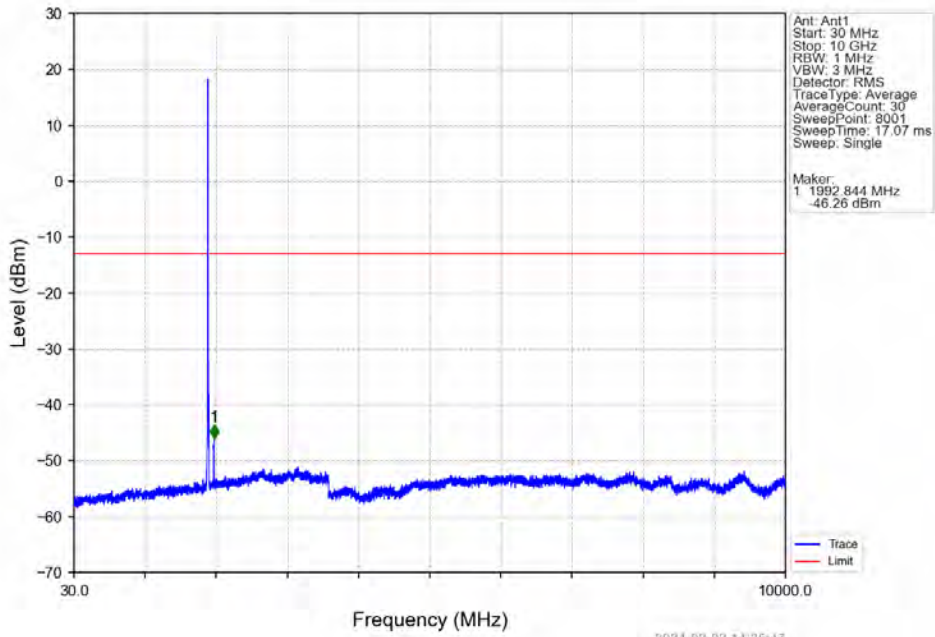
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



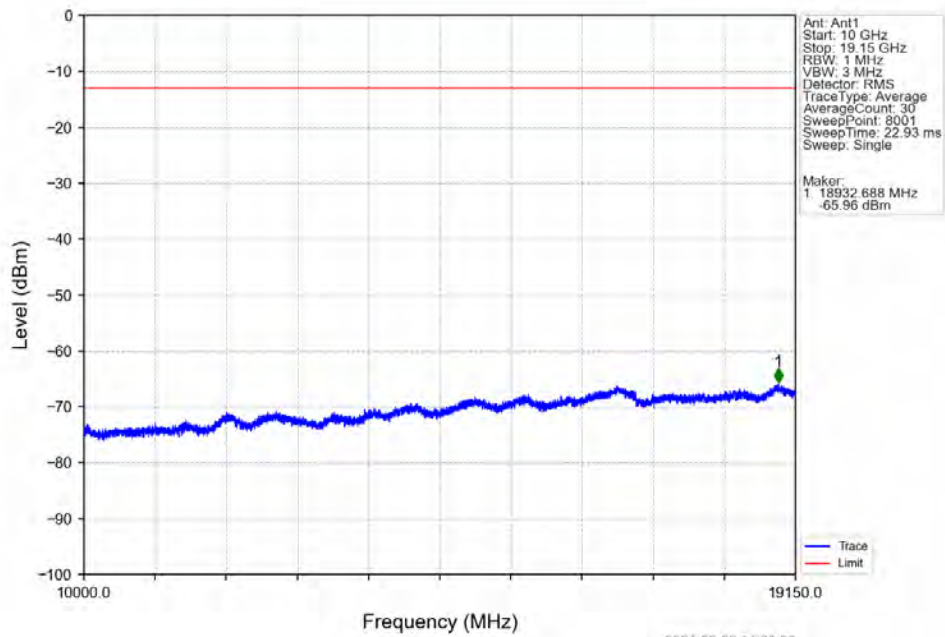
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



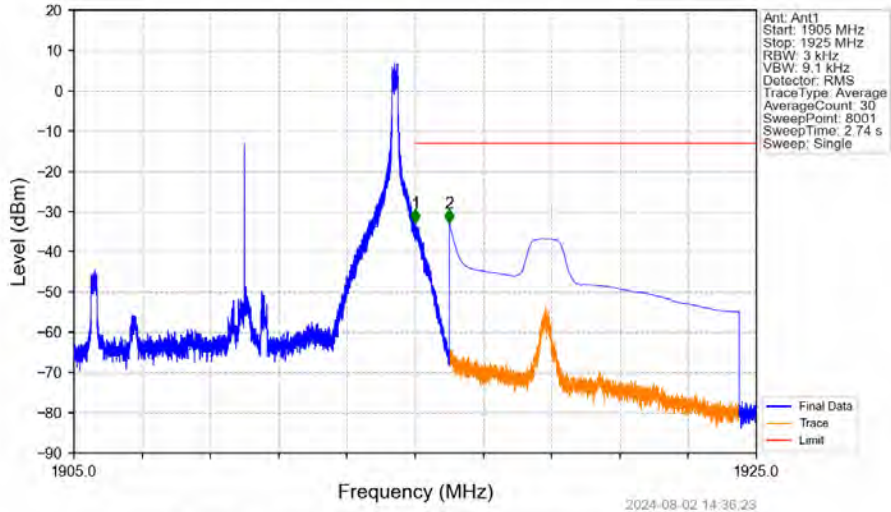
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

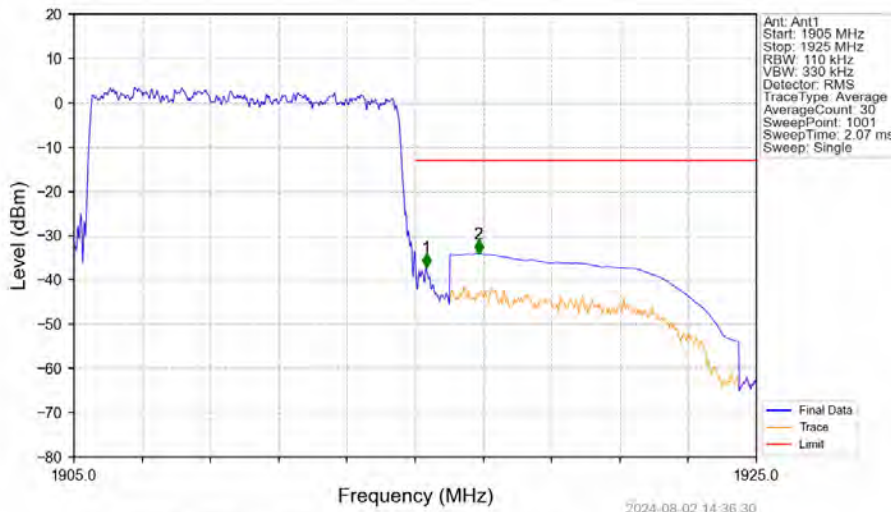


Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTV



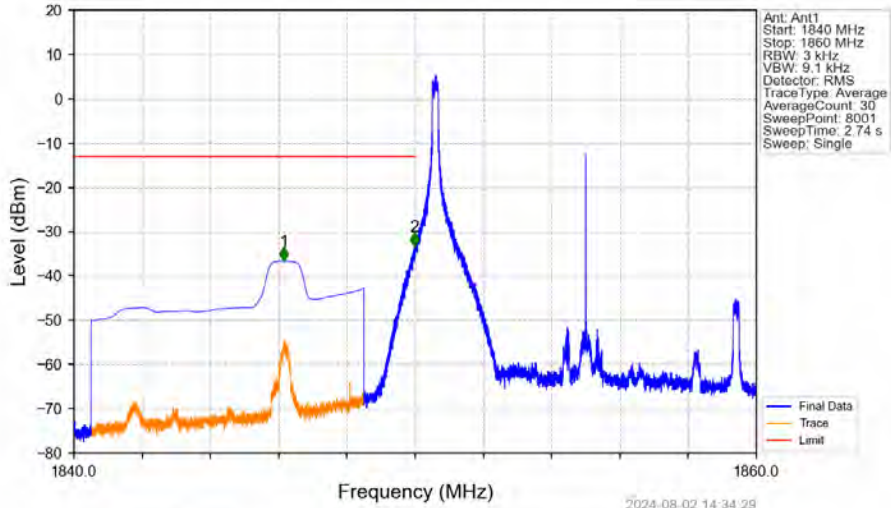
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.010	-32.80	-13	Pass
1916	1925	1	CHP	2	1916.003	-32.87	-13	Pass

Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTV



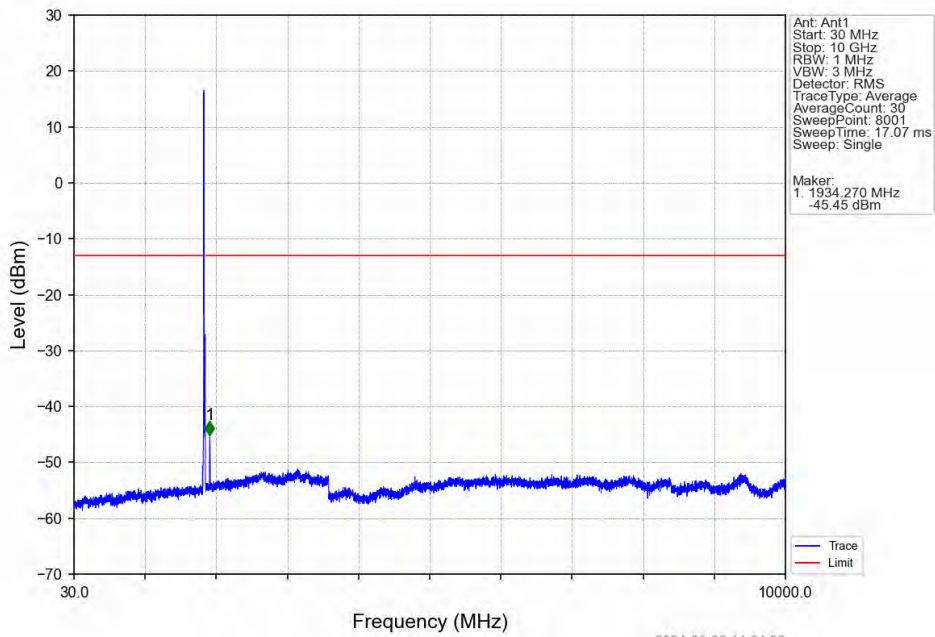
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.11	/	/	/	/	/	/
1915	1916	0.11	/	1	1915.320	-37.16	-13	Pass
1916	1925	1	CHP	2	1916.860	-33.96	-13	Pass

Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

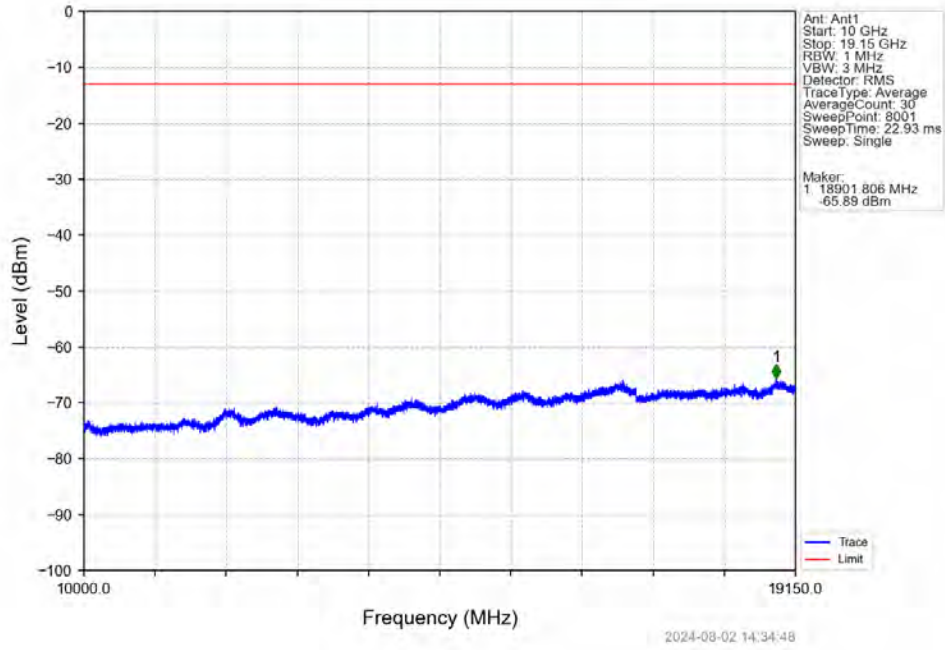


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.152	-36.64	-13	Pass
1849	1850	0.003	/	2	1849.985	-33.33	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

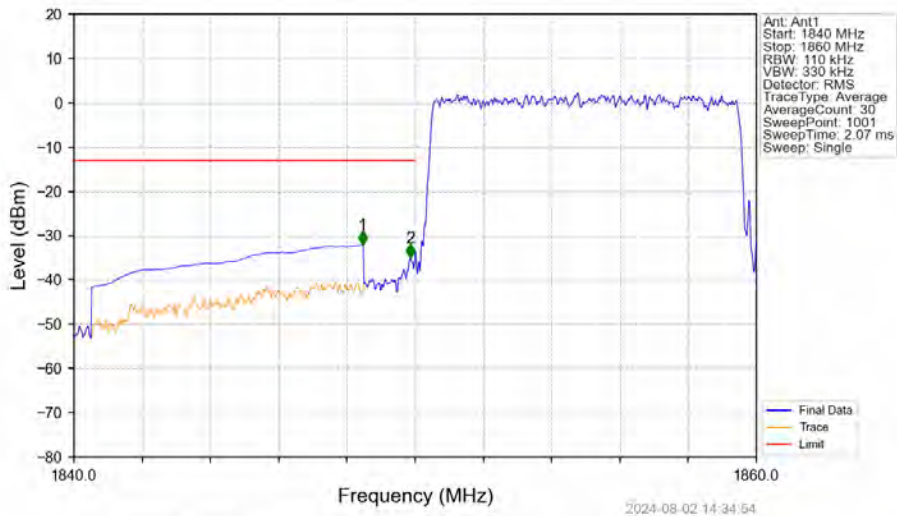
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

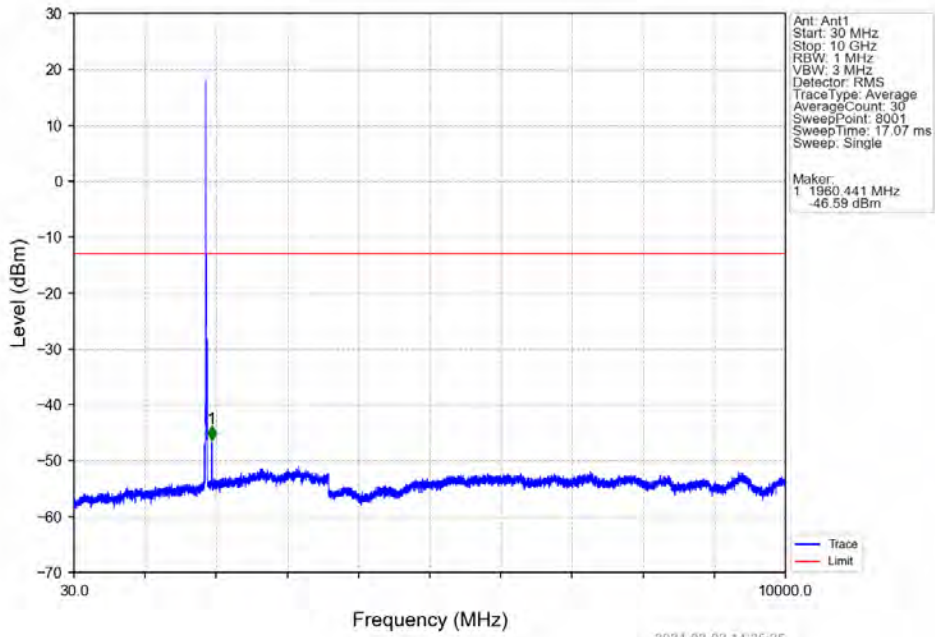


Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

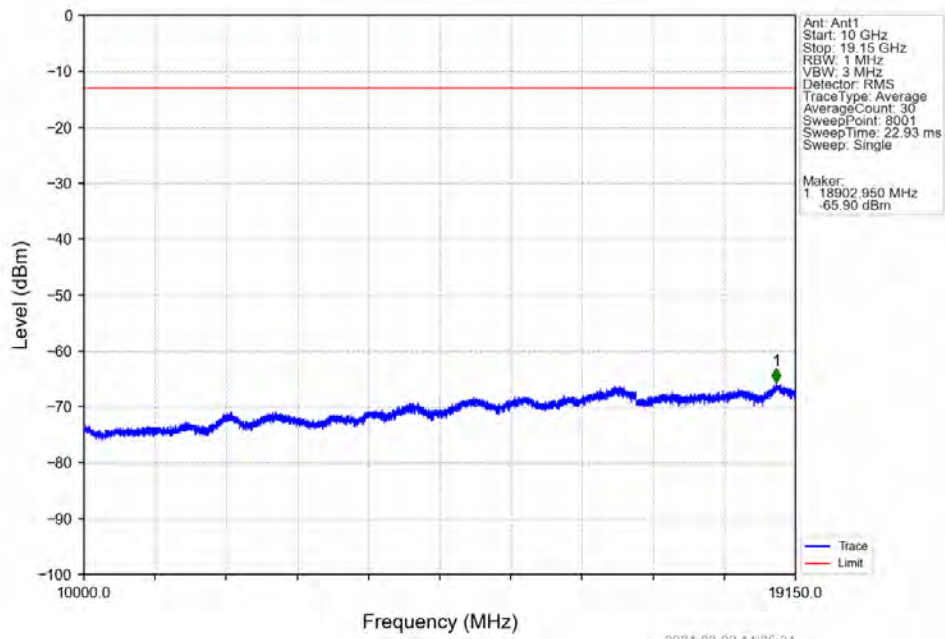


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.460	-32.11	-13	Pass
1849	1850	0.11	/	2	1849.860	-34.93	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

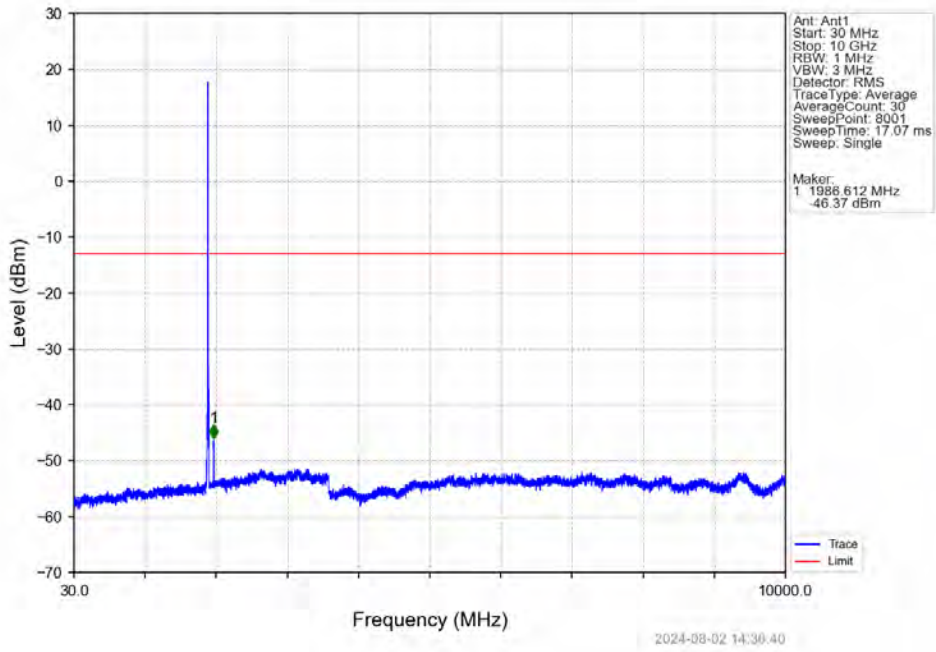
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



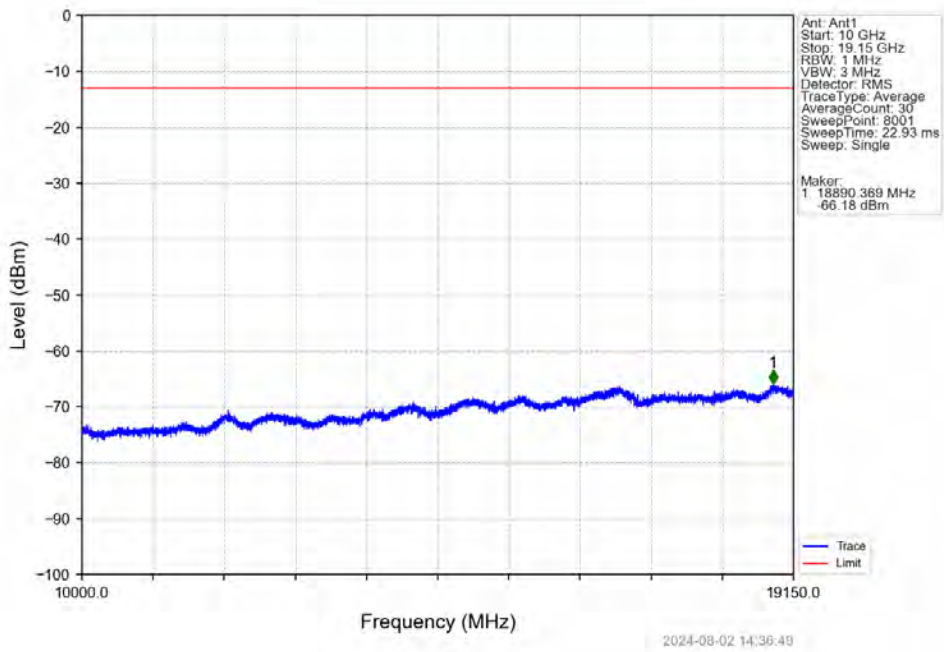
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



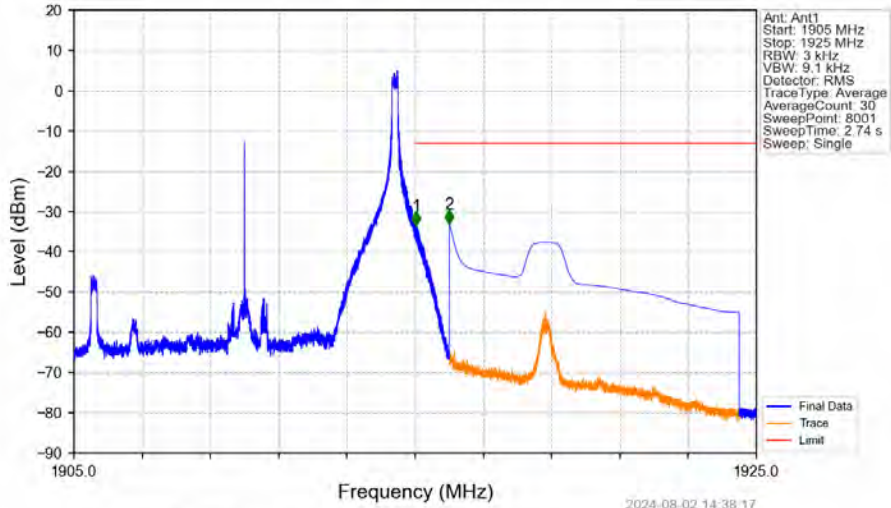
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTV



Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTV

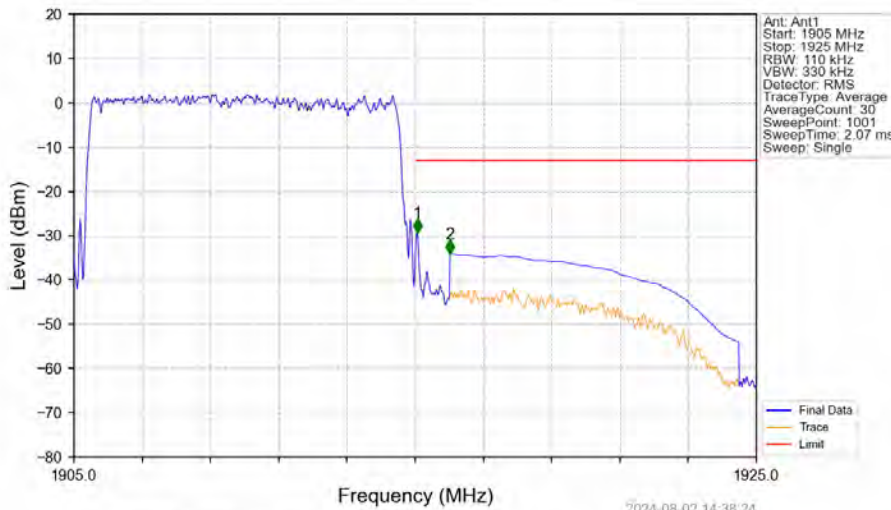


Band25_10MHz_16QAM_HCH_1910MHz_RB_1_49_NTNV



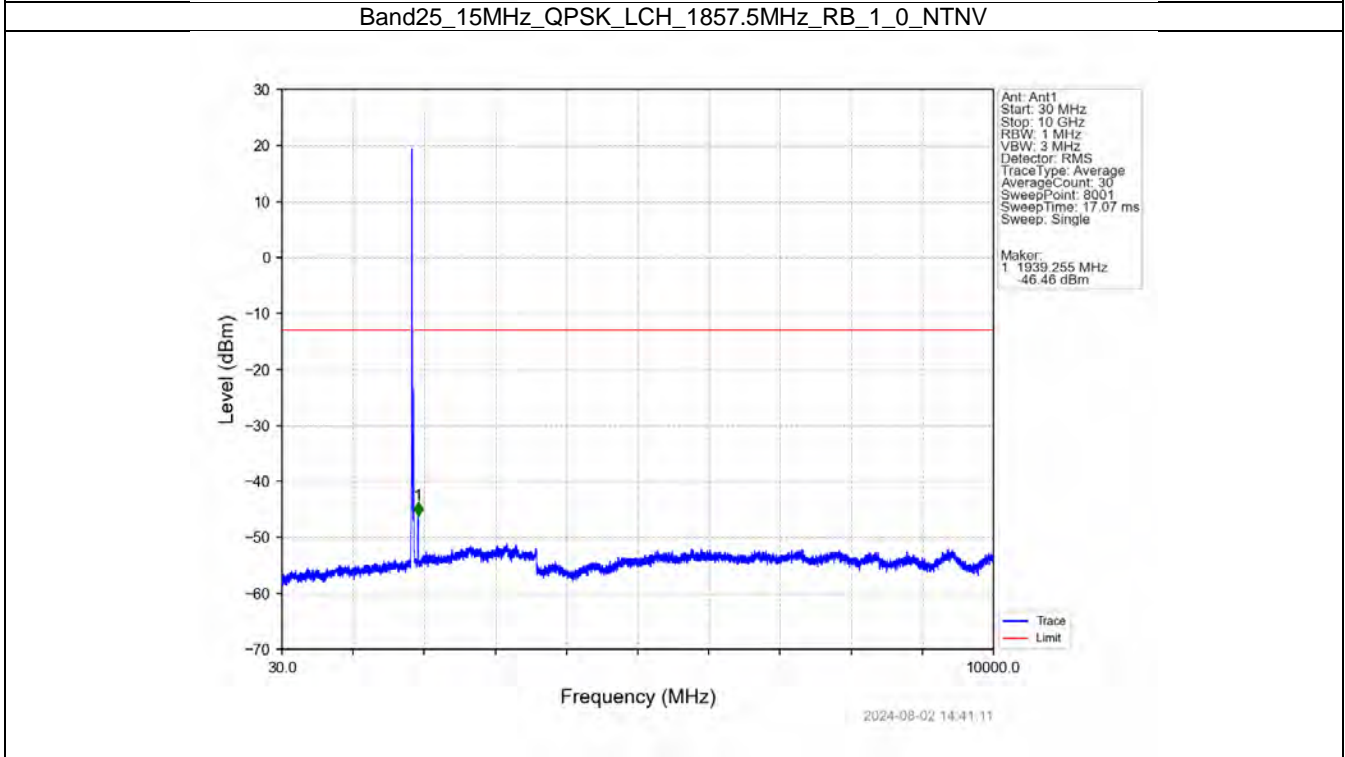
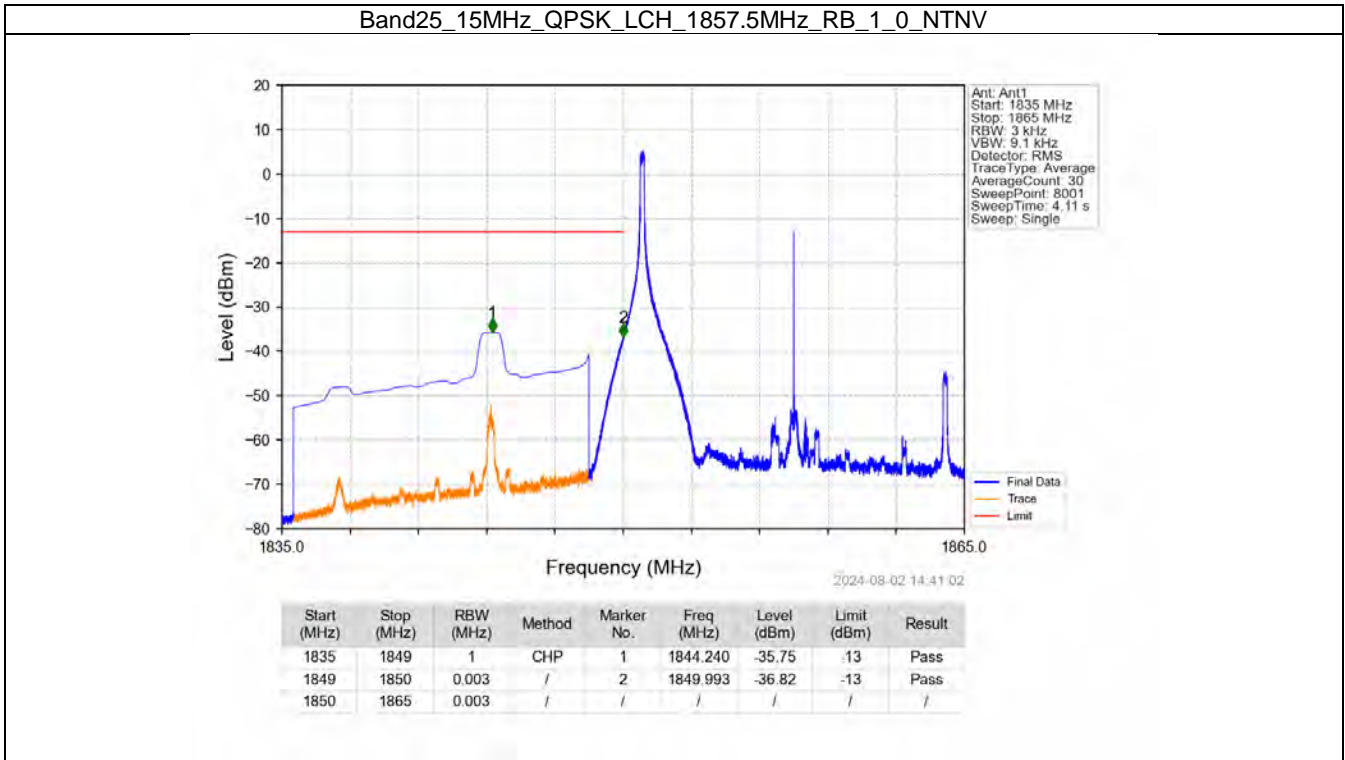
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.027	-33.37	-13	Pass
1916	1925	1	CHP	2	1916.003	-32.98	-13	Pass

Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

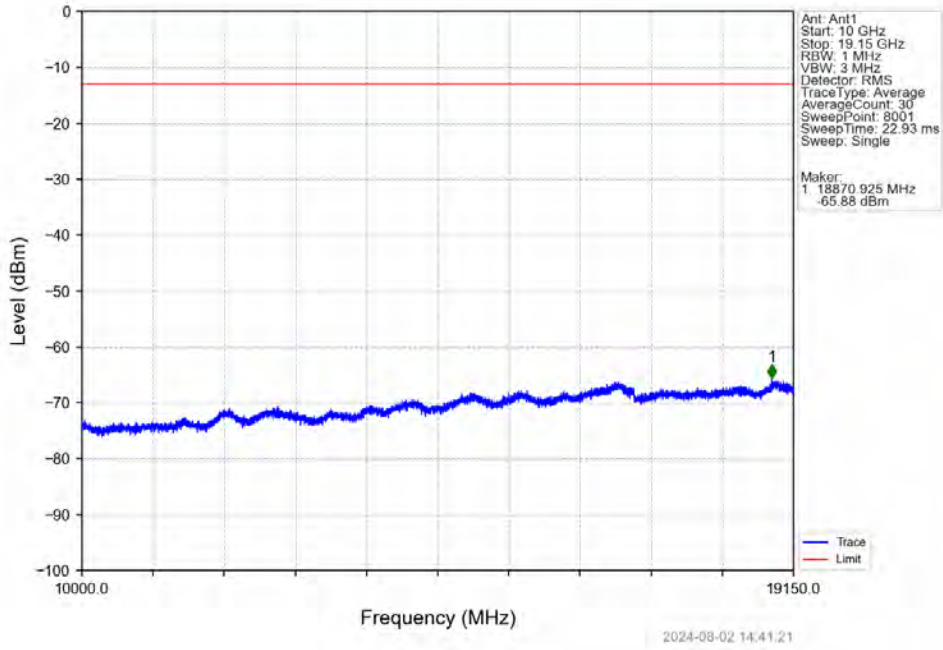


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1915	0.11	/	/	/	/	/	/
1915	1916	0.11	/	1	1915.060	-29.39	-13	Pass
1916	1925	1	CHP	2	1916.020	-34.10	-13	Pass

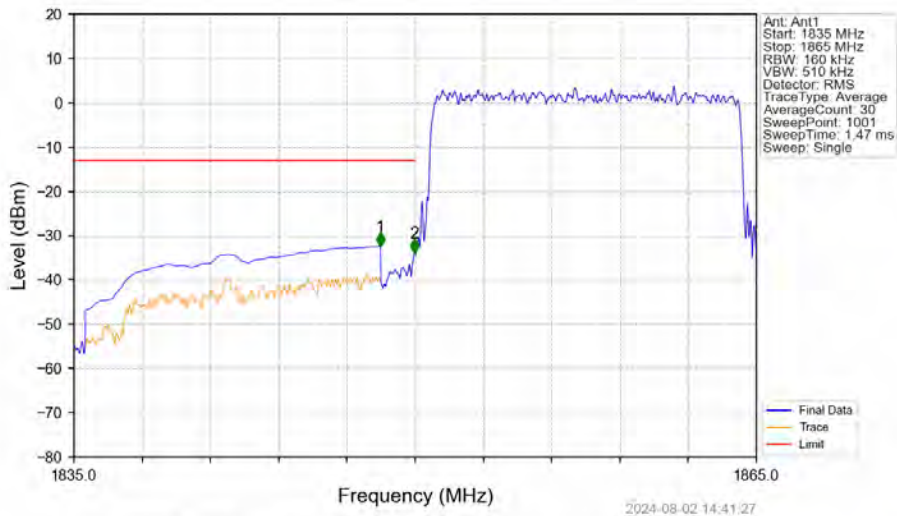
6.2.5 B25_15MHz



Band25_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

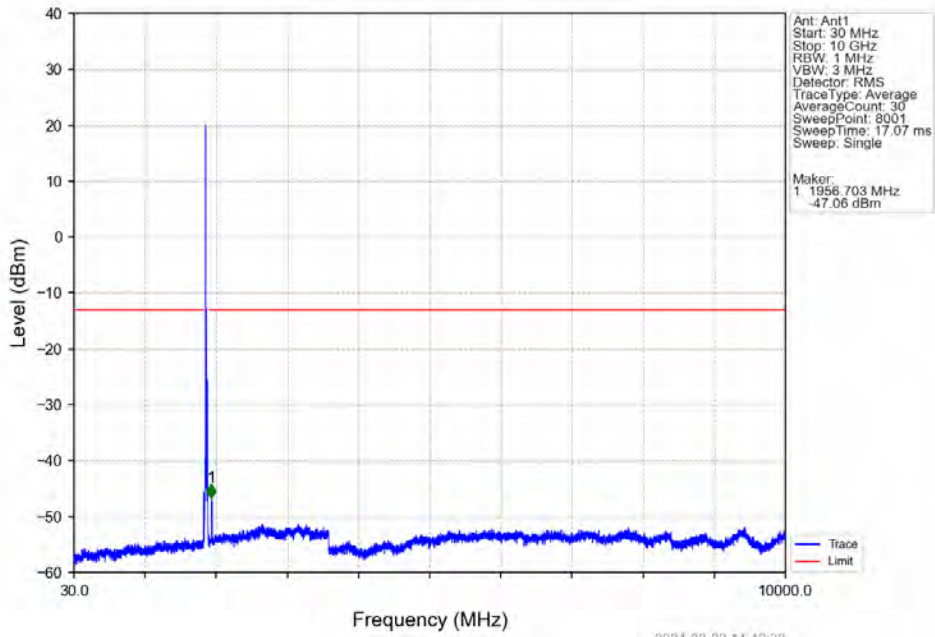


Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

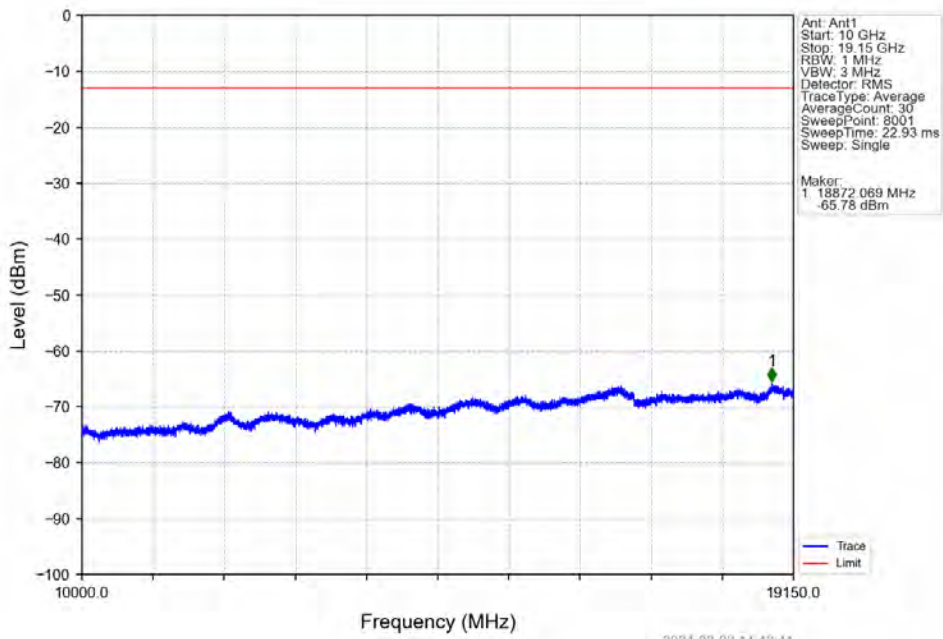


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-32.32	-13	Pass
1849	1850	0.16	/	2	1849.970	-33.81	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

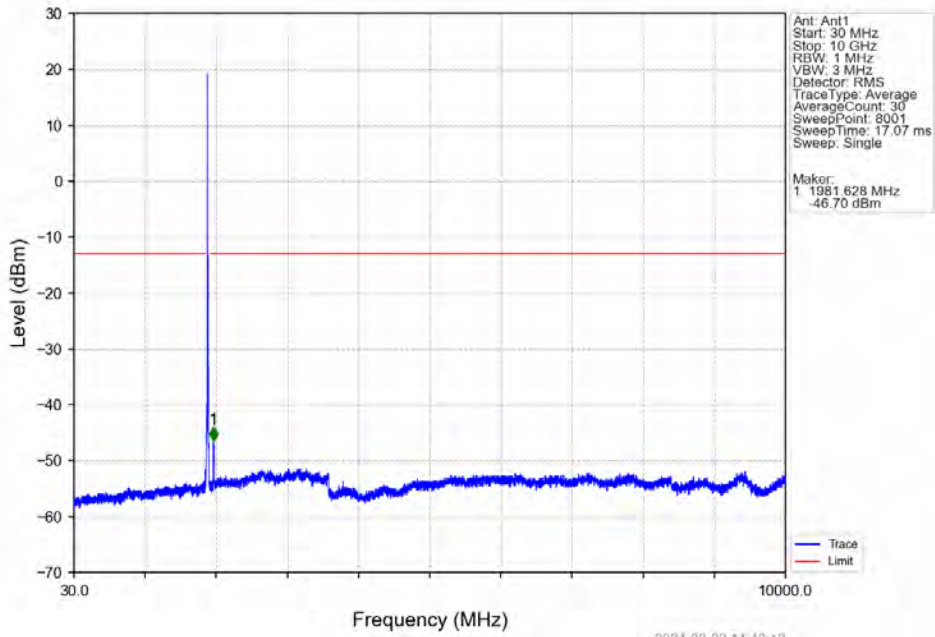
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



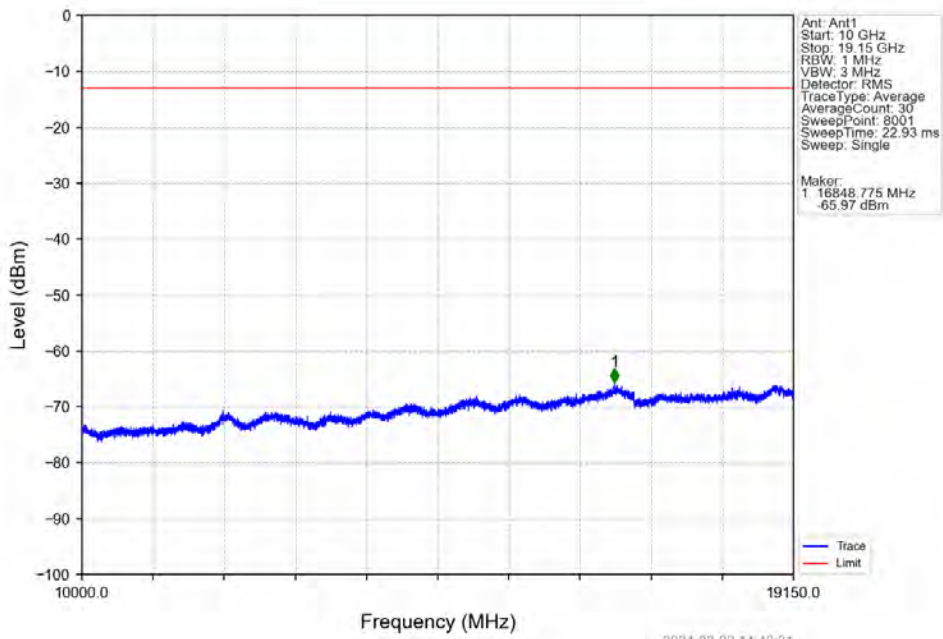
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



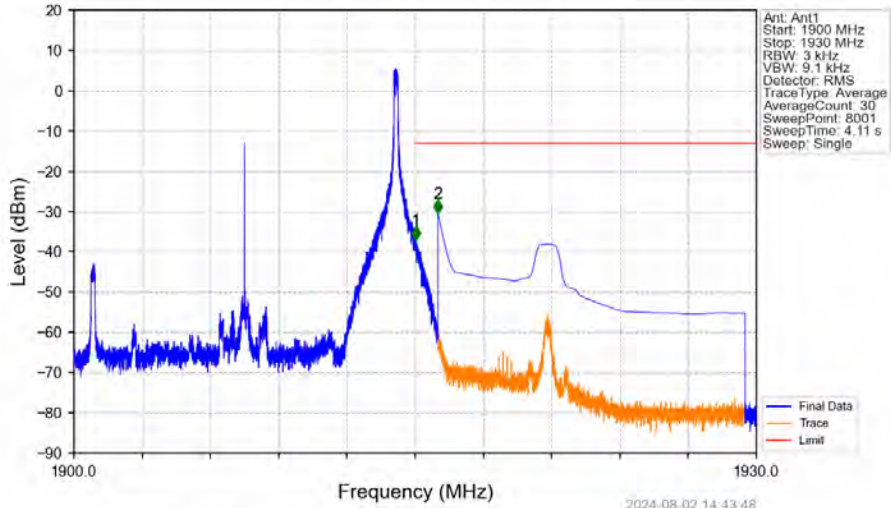
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

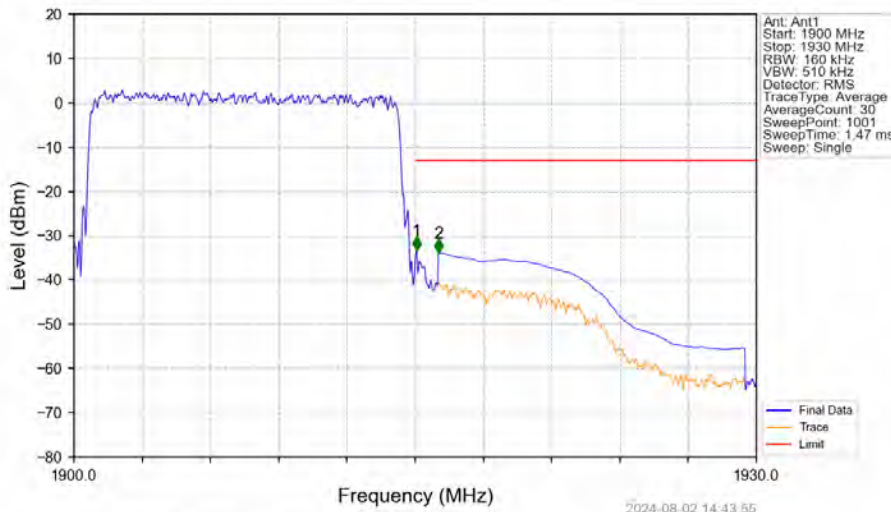


Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV



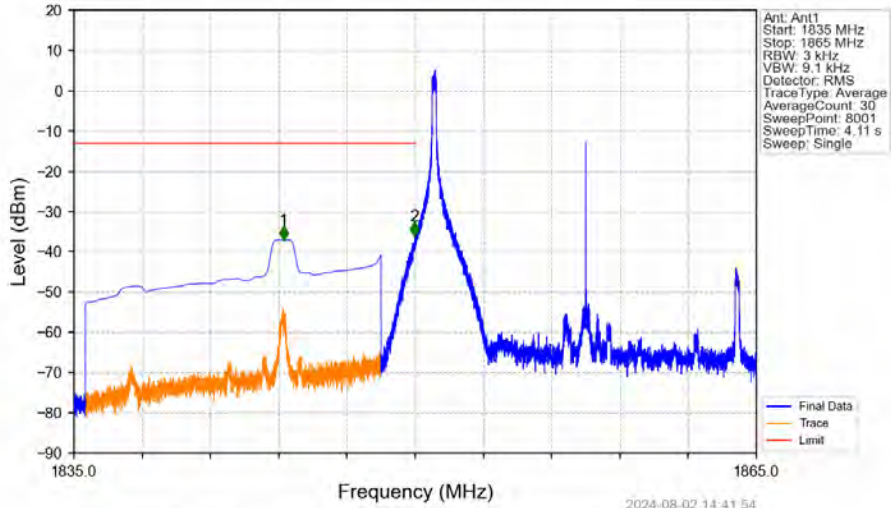
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.023	-37.03	-13	Pass
1916	1930	1	CHP	2	1916.001	-30.49	-13	Pass

Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



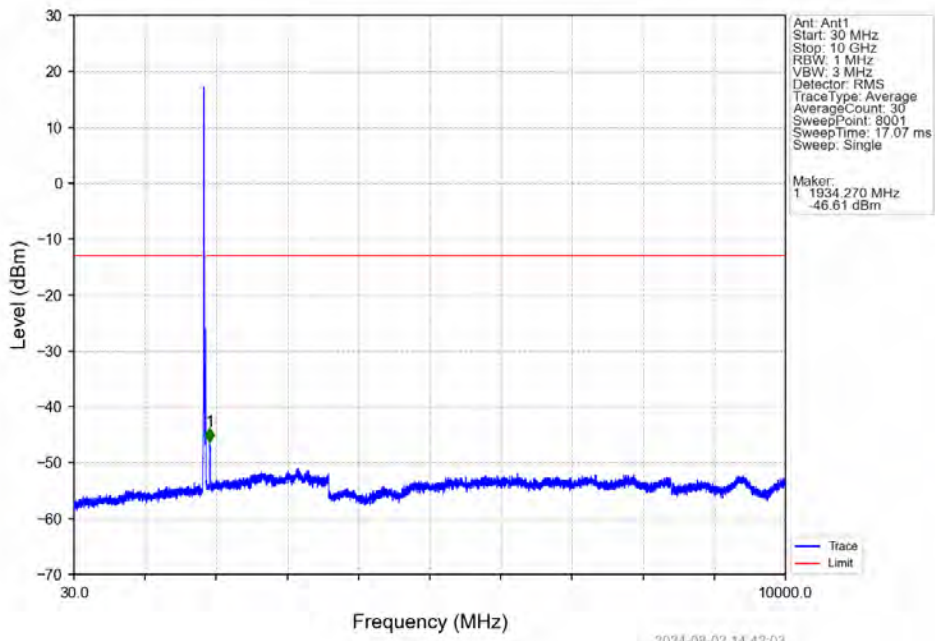
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.16	/	/	/	/	/	/
1915	1916	0.16	/	1	1915.060	-33.26	-13	Pass
1916	1930	1	CHP	2	1916.020	-33.86	-13	Pass

Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

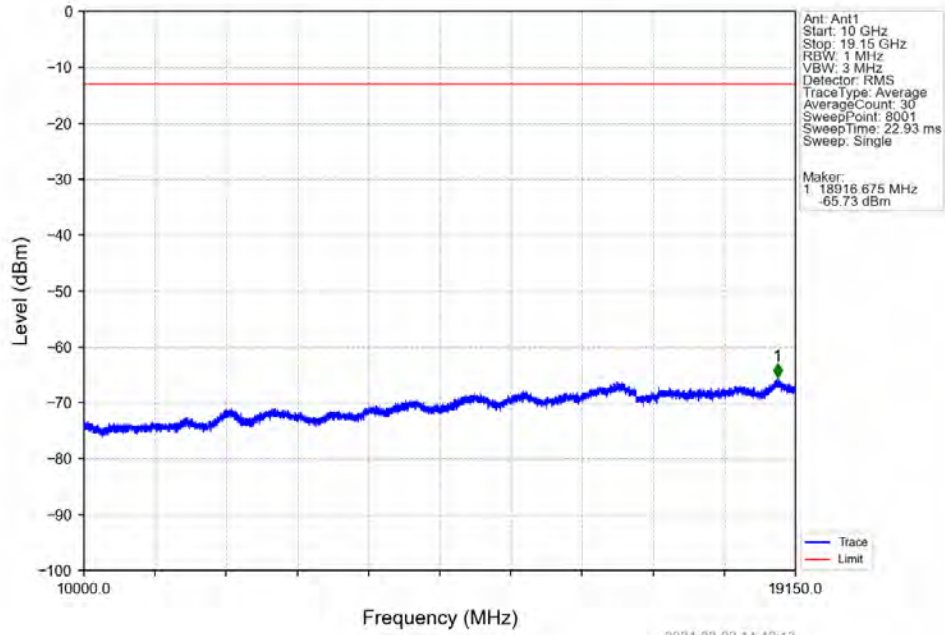


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.217	-37.02	-13	Pass
1849	1850	0.003	/	2	1849.981	-36.11	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

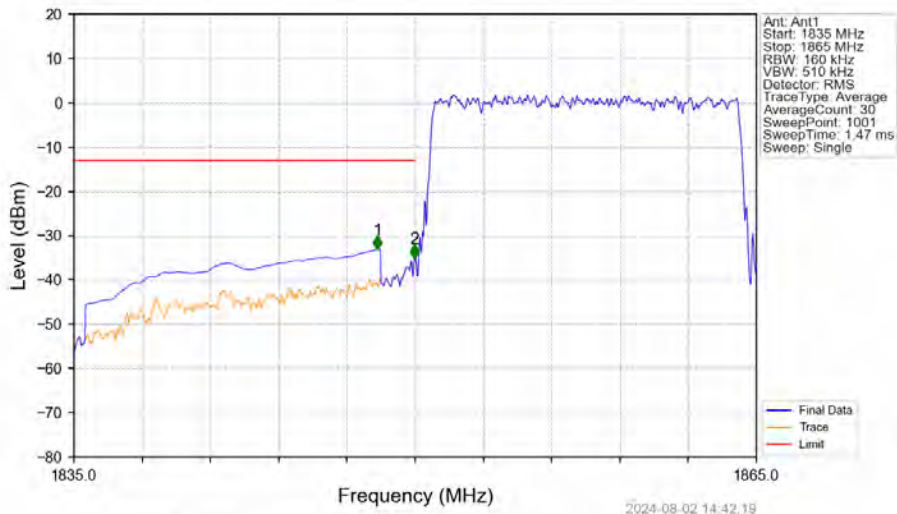
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

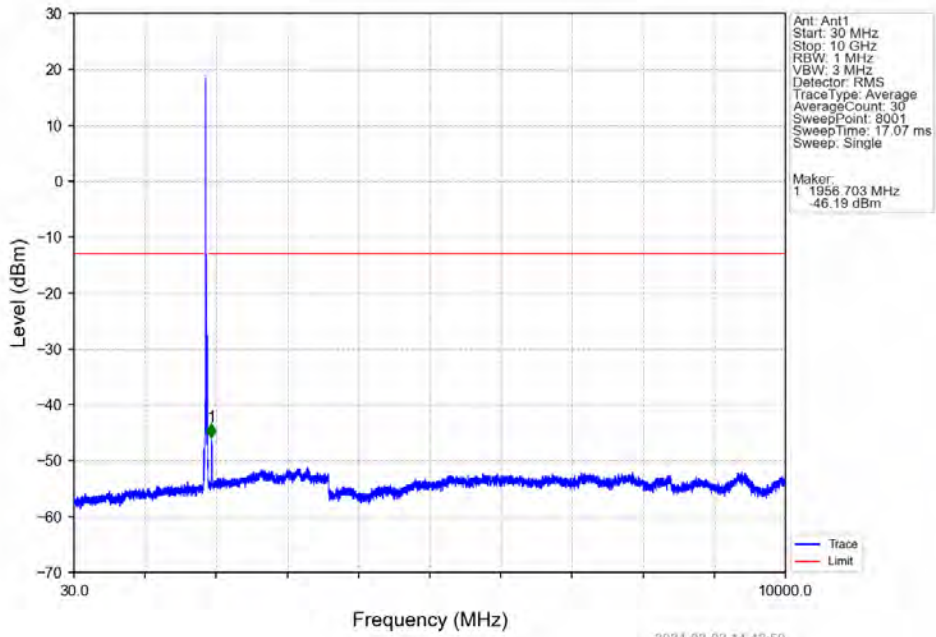


Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

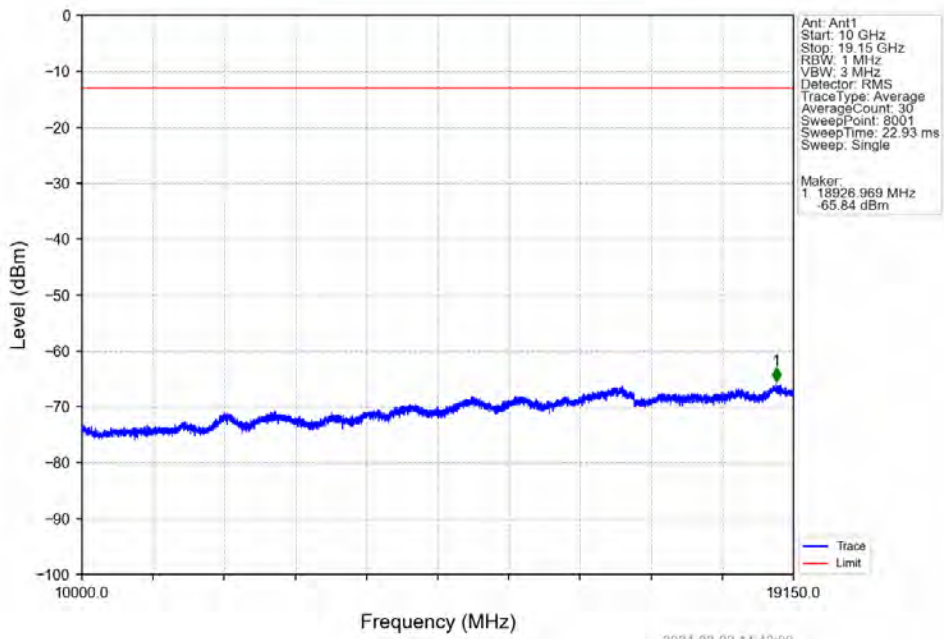


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.350	-33.08	-13	Pass
1849	1850	0.16	/	2	1849.970	-35.20	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

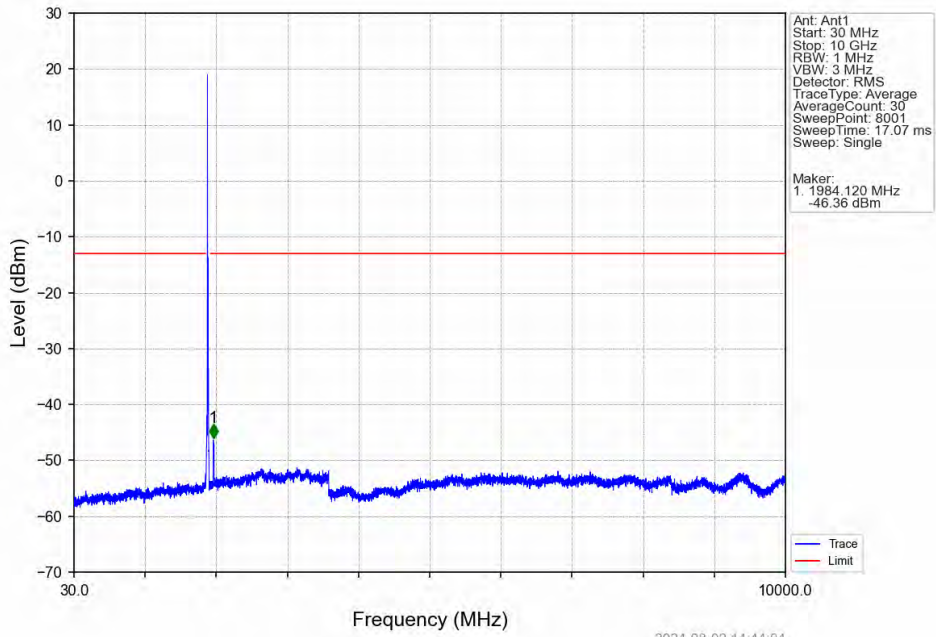
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



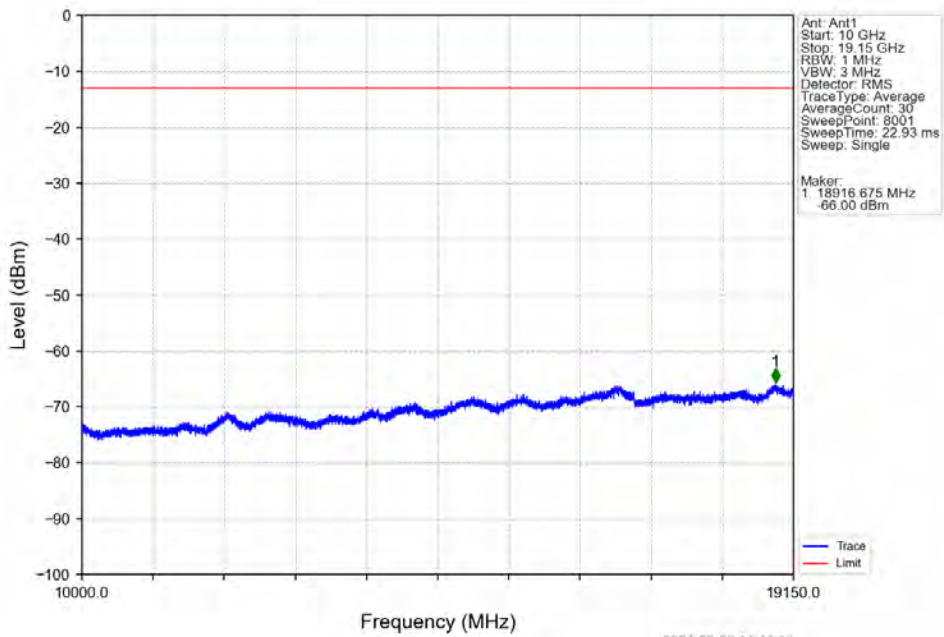
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



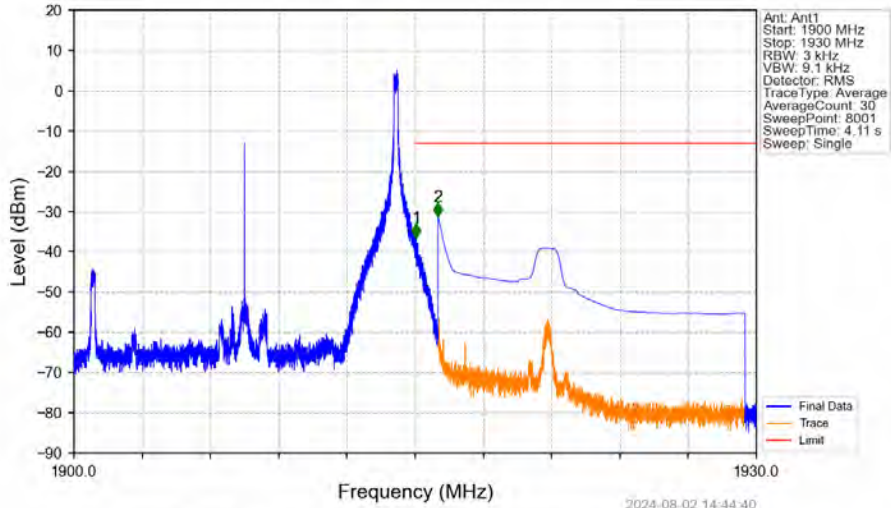
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



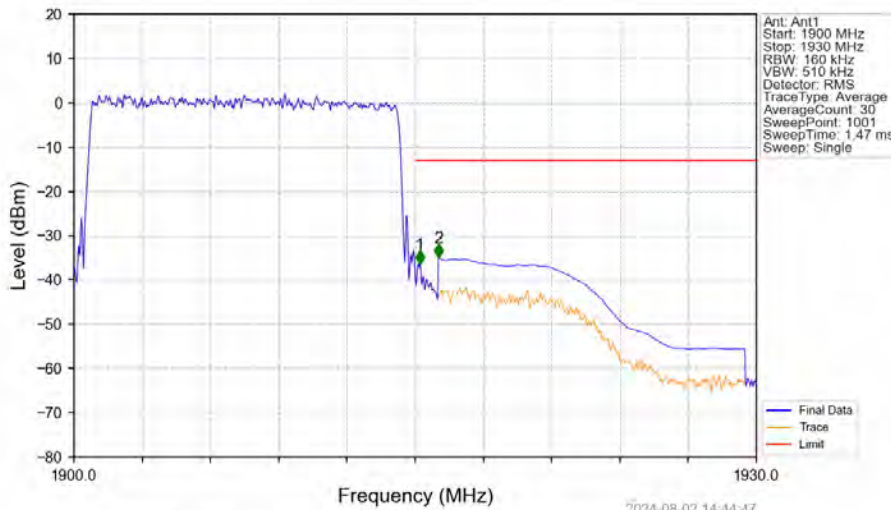
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_1_74_NTNV



2024-08-02 14:44:40

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.045	-36.48	-13	Pass
1916	1930	1	CHP	2	1916.001	-31.31	-13	Pass

Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

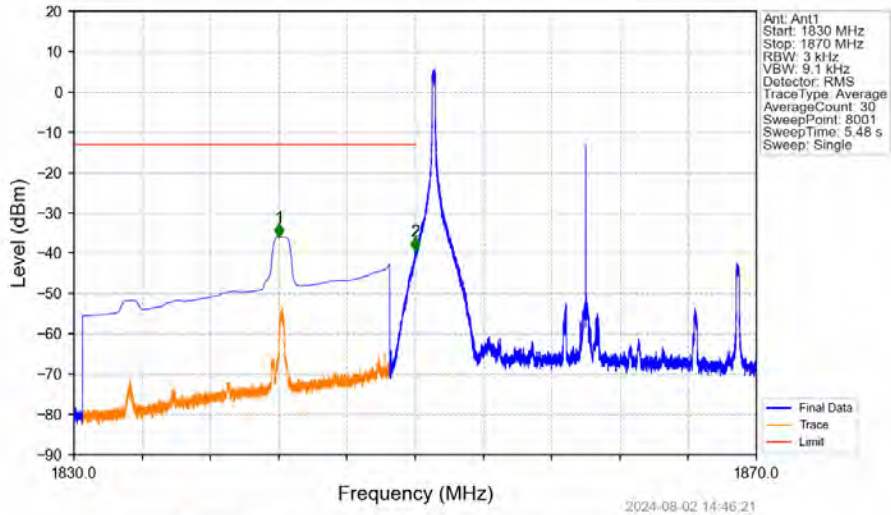


2024-08-02 14:44:47

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1915	0.16	/	/	/	/	/	/
1915	1916	0.16	/	1	1915.210	-36.35	-13	Pass
1916	1930	1	CHP	2	1916.020	-34.93	-13	Pass

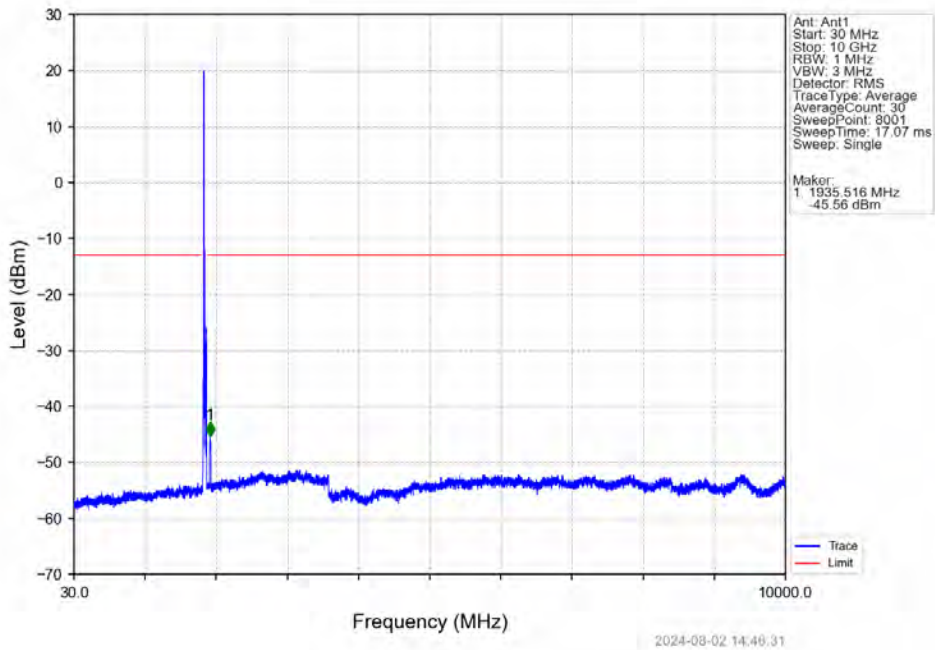
6.2.6 B25_20MHz

Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

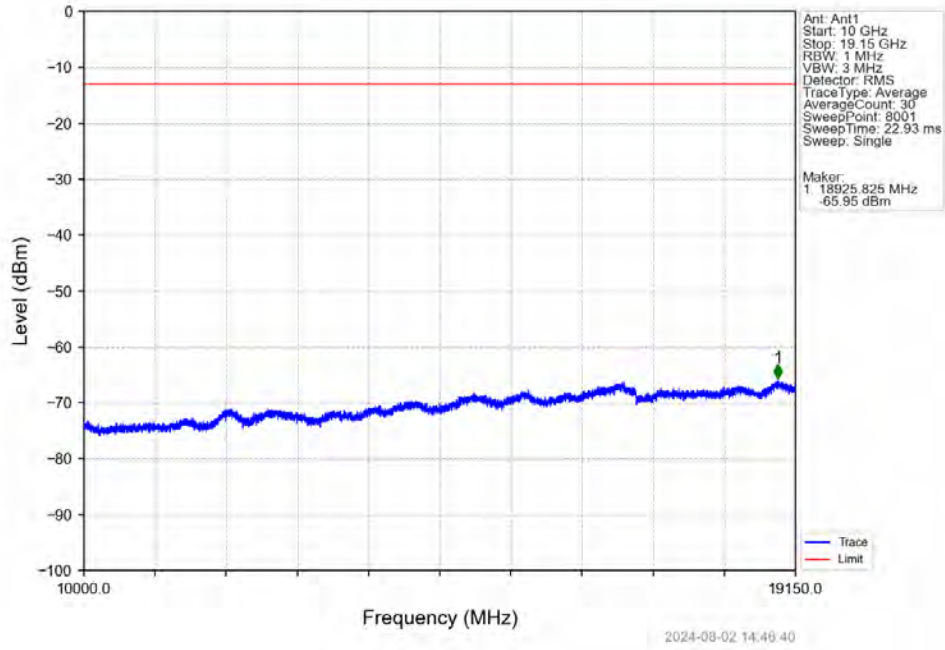


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1842.025	-35.96	-13	Pass
1849	1850	0.003	/	2	1849.990	-39.50	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

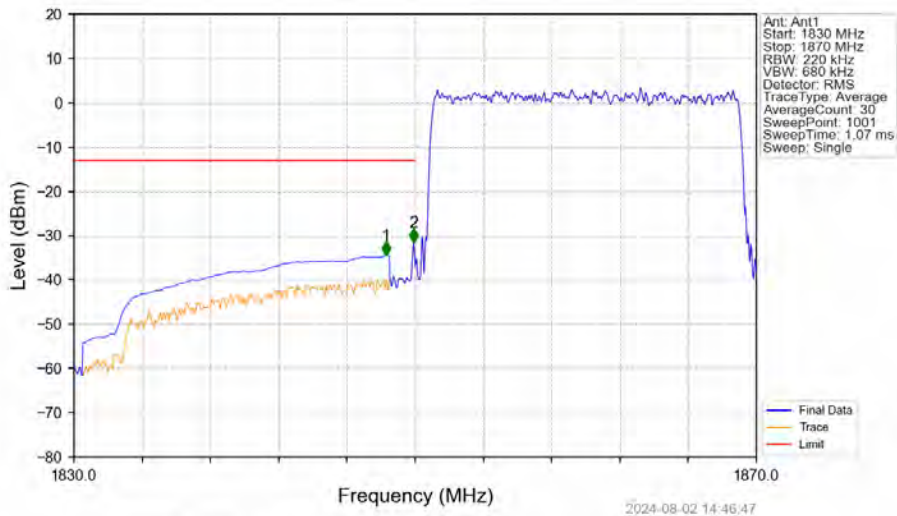
Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

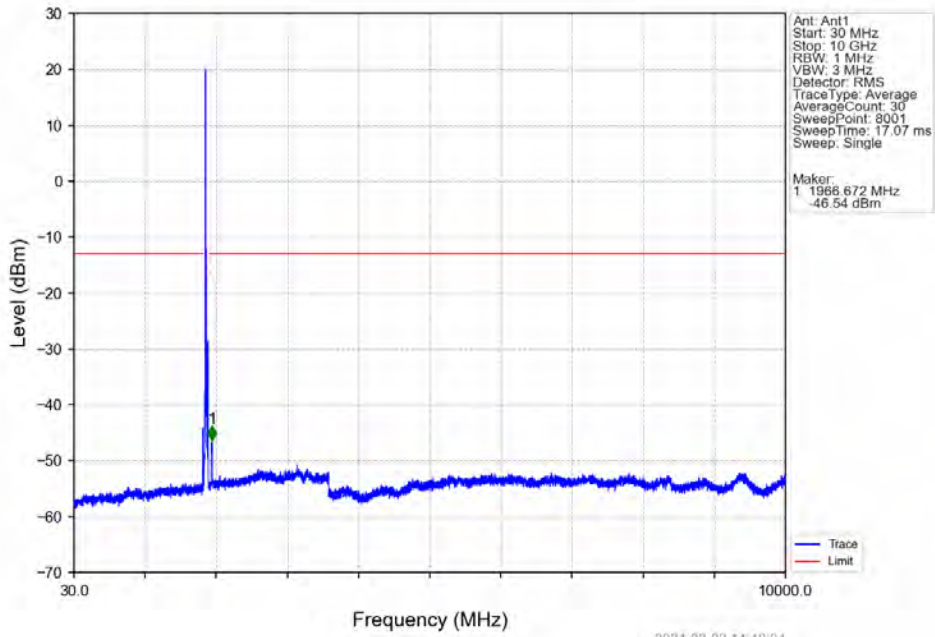


Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

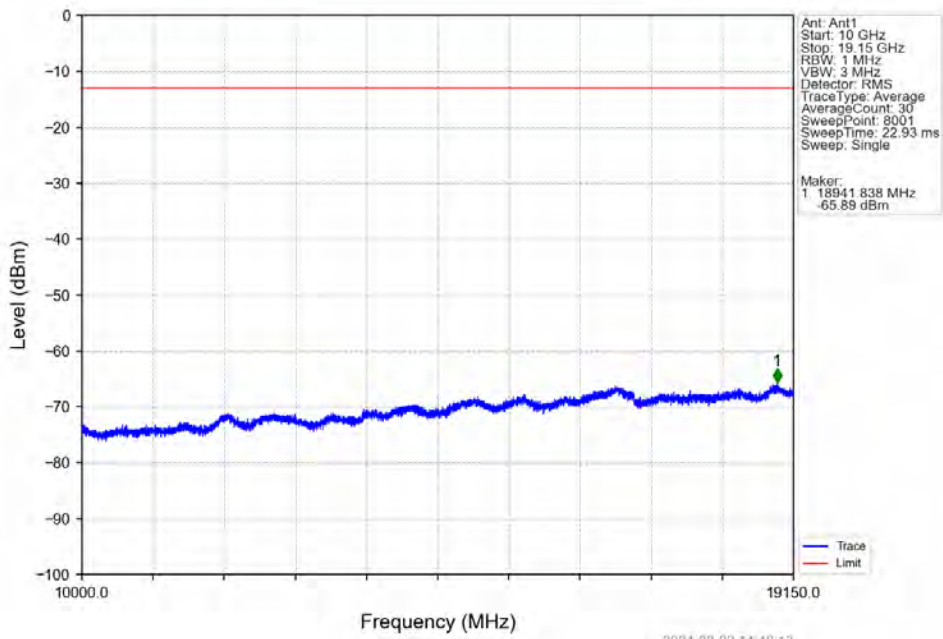


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.280	-34.44	-13	Pass
1849	1850	0.22	/	2	1849.920	-31.57	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

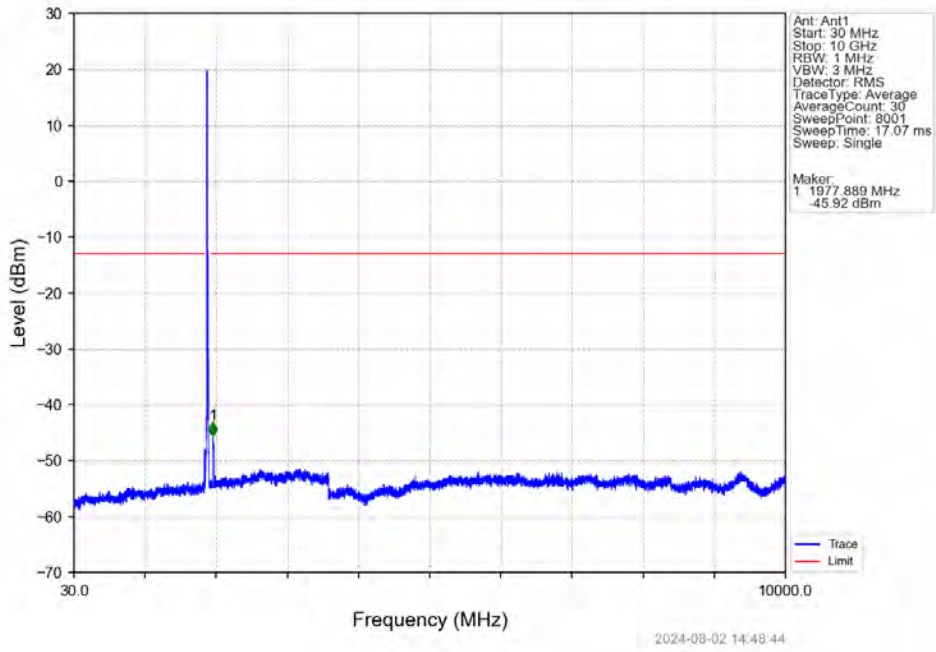
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



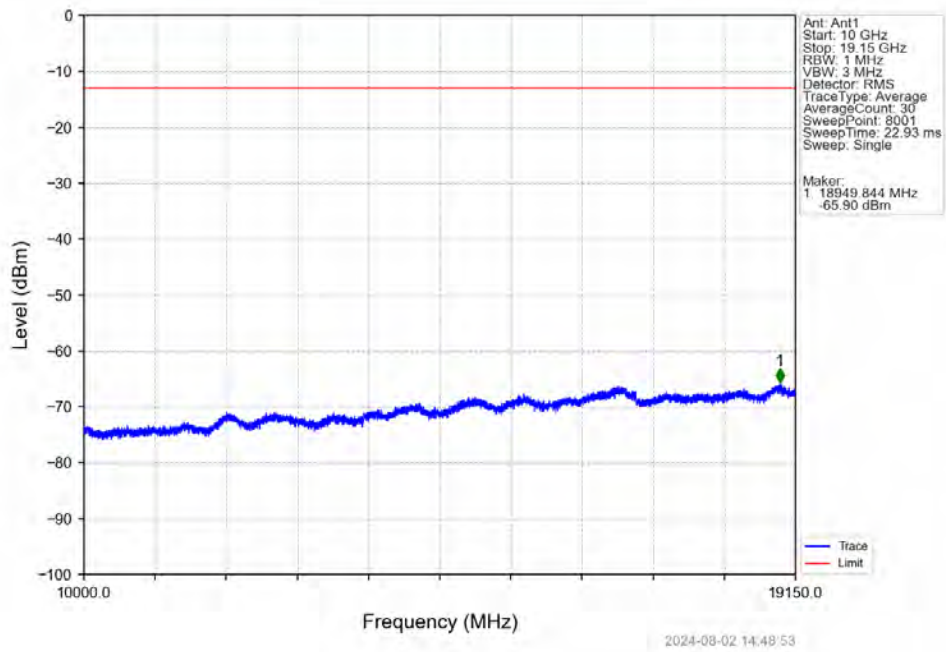
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



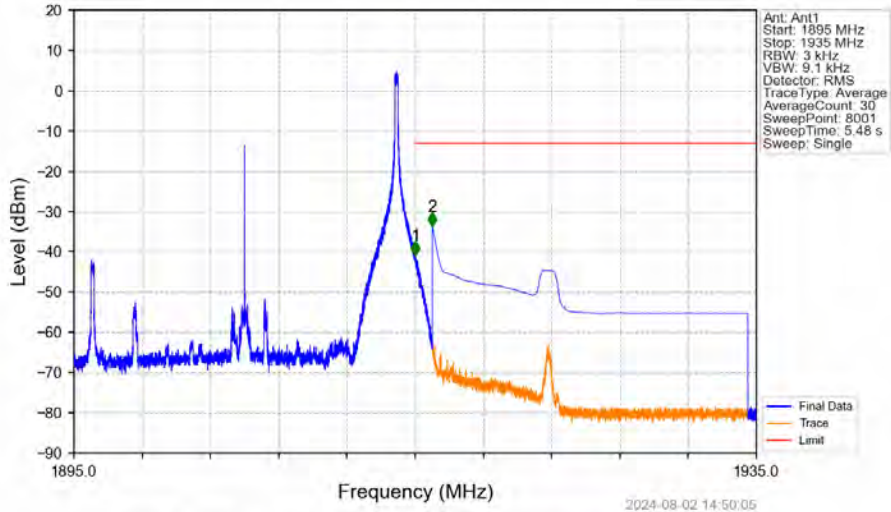
Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

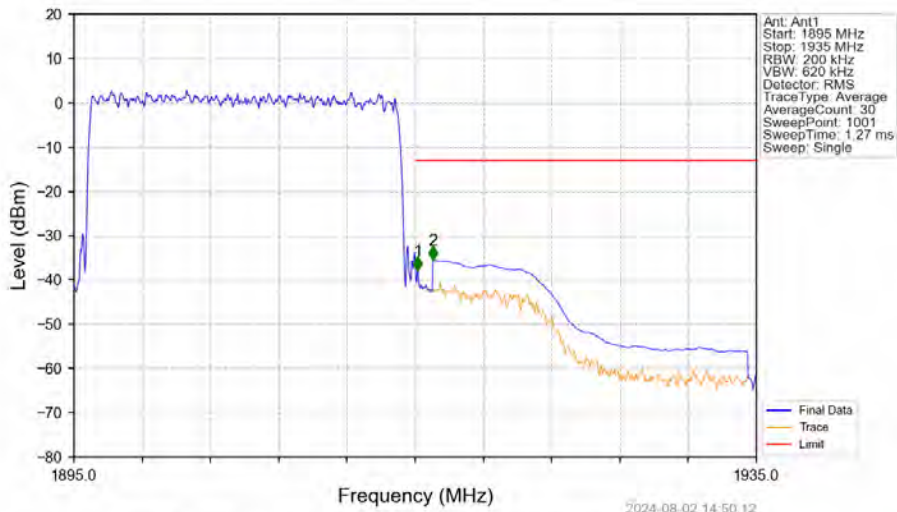


Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



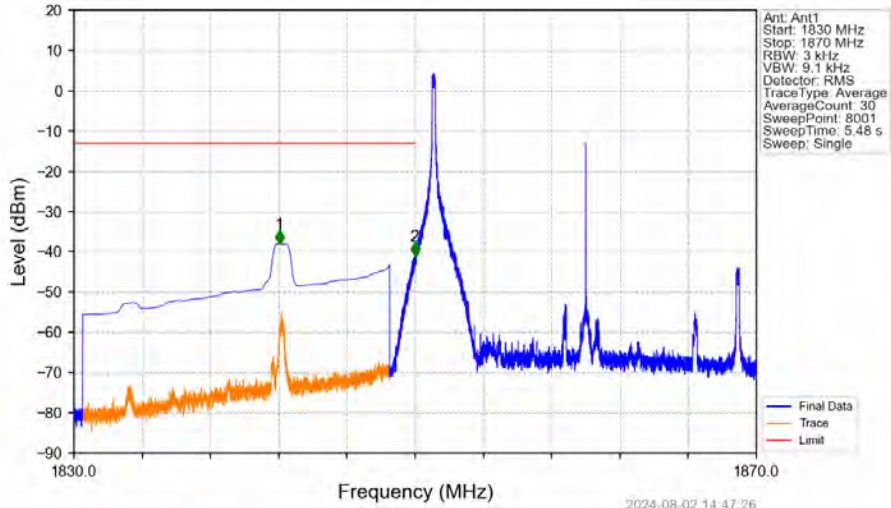
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-40.82	-13	Pass
1916	1935	1	CHP	2	1916.005	-33.56	-13	Pass

Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



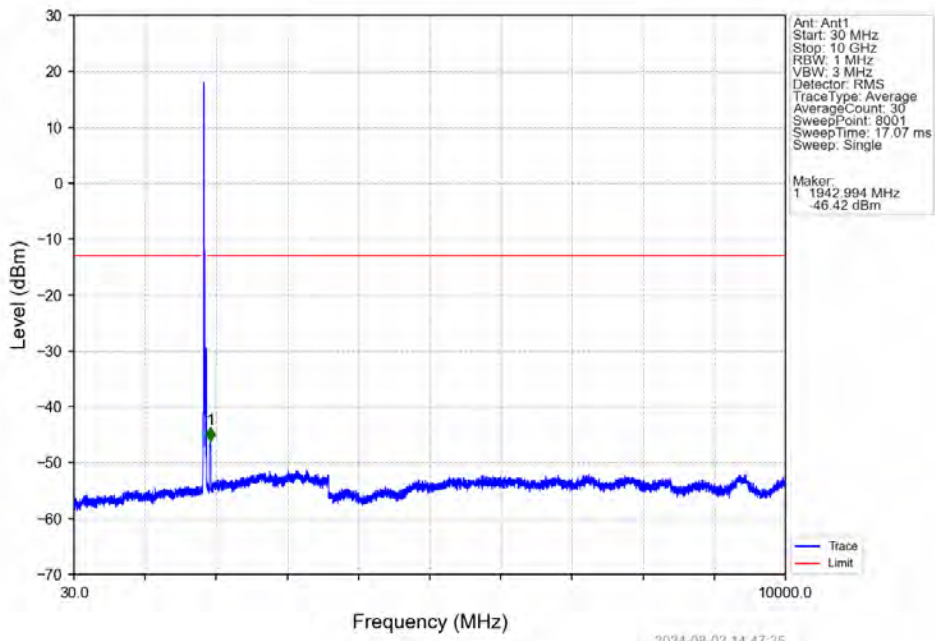
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.2	/	/	/	/	/	/
1915	1916	0.2	/	1	1915.160	-37.88	-13	Pass
1916	1935	1	CHP	2	1916.040	-35.46	-13	Pass

Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

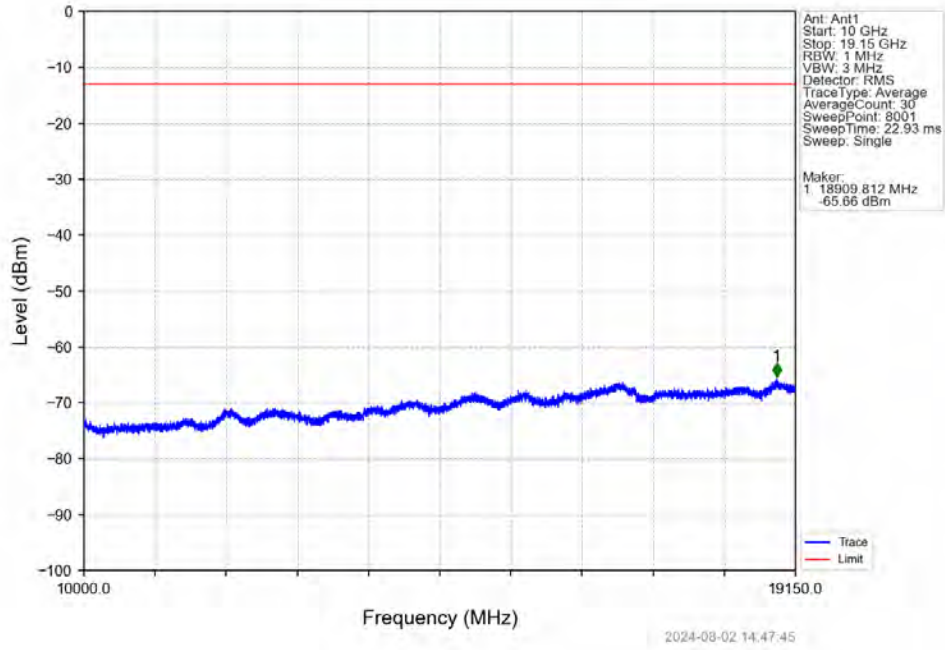


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1842.055	-37.99	-13	Pass
1849	1850	0.003	/	2	1849.980	-41.04	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

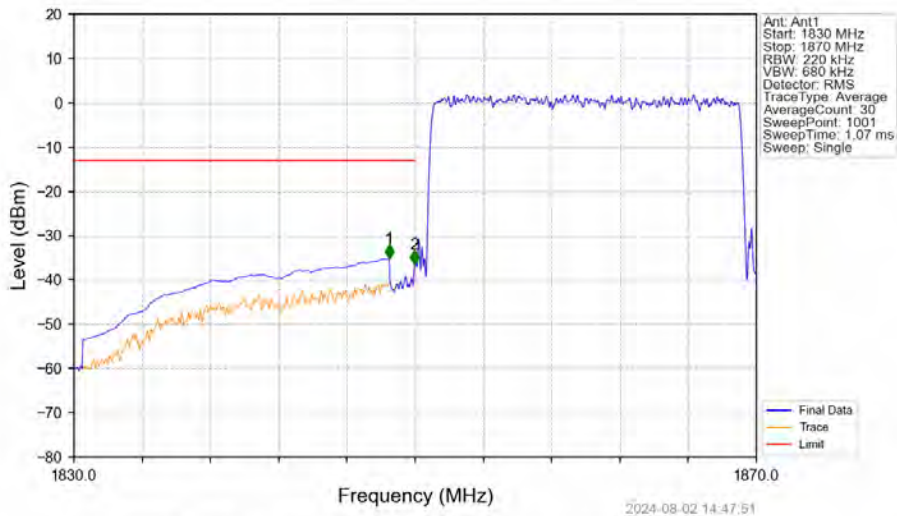
Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Band25_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

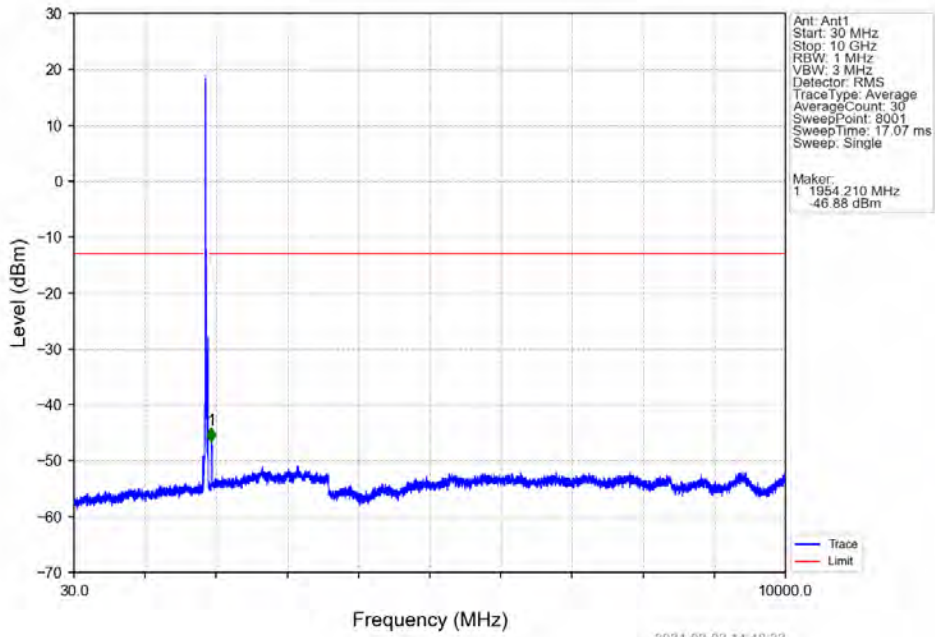


Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

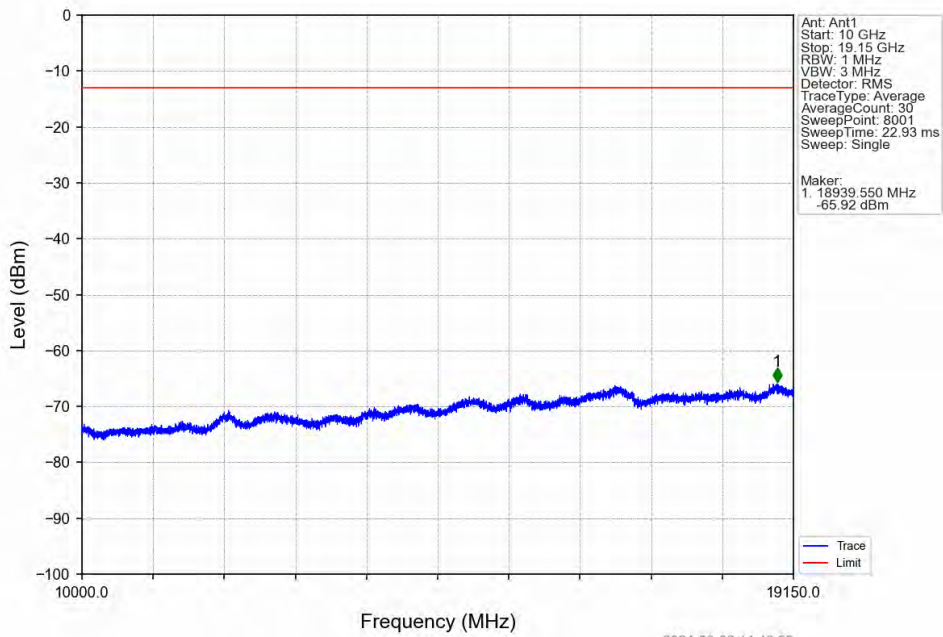


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-35.22	-13	Pass
1849	1850	0.22	/	2	1849.960	-36.40	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

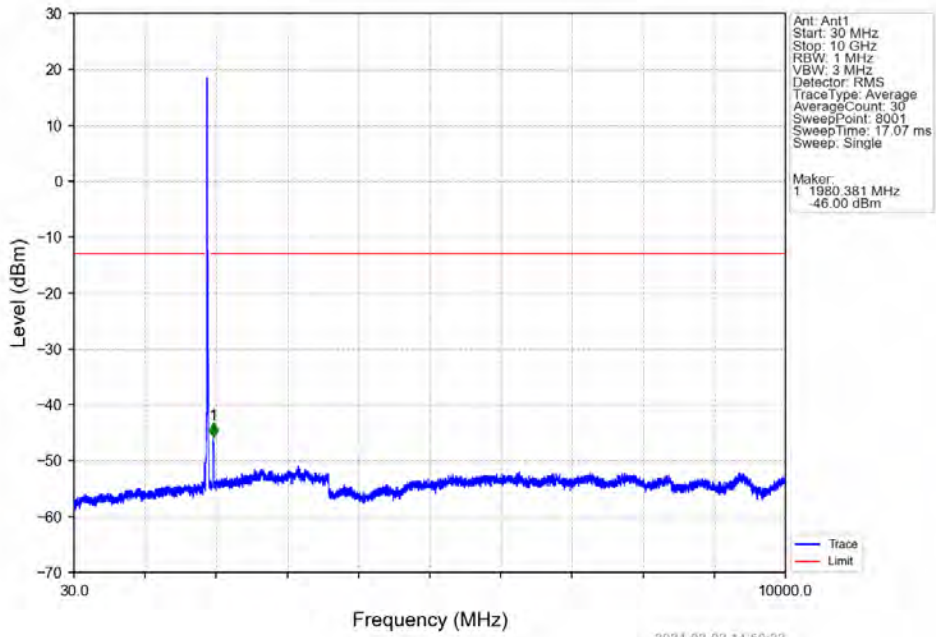
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



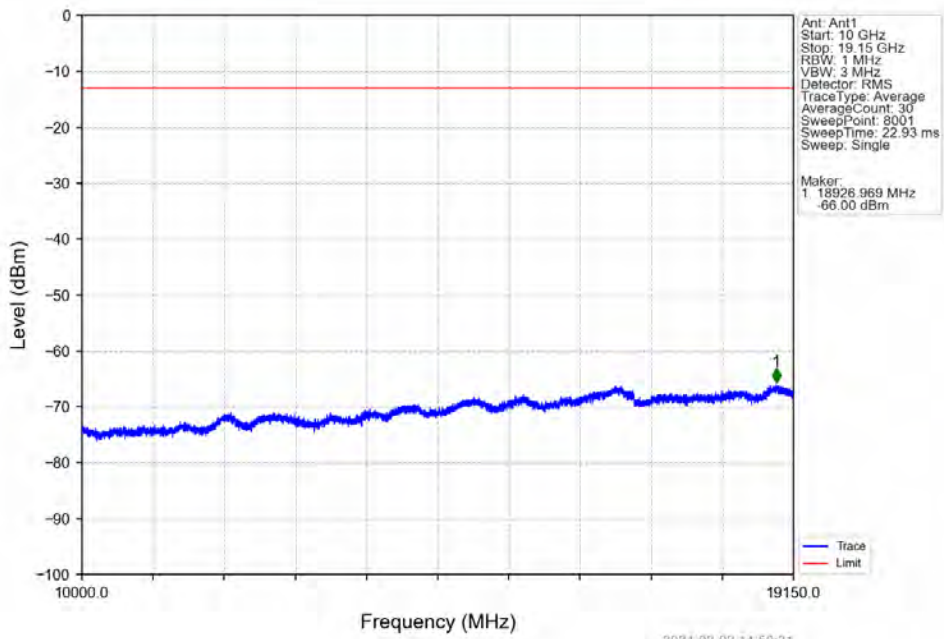
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



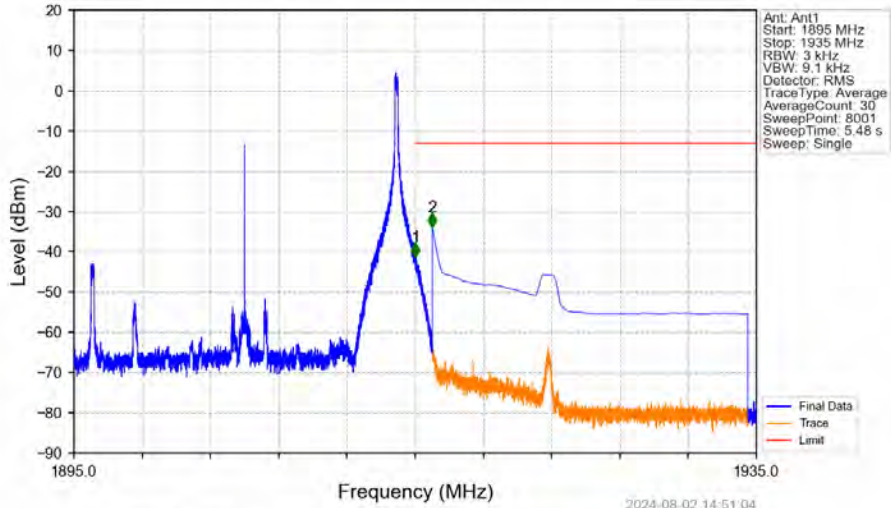
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



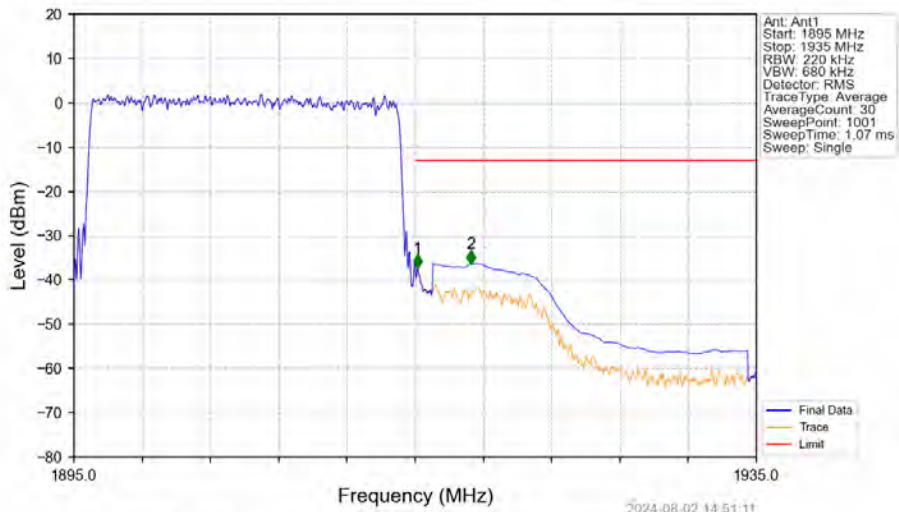
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_99_NTNV



2024-08-02 14:51:04

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-41.23	-13	Pass
1916	1935	1	CHP	2	1916.005	-33.84	-13	Pass

Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



2024-08-02 14:51:11

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1915	0.22	/	/	/	/	/	/
1915	1916	0.22	/	1	1915.120	-37.37	-13	Pass
1916	1935	1	CHP	2	1918.280	-36.32	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1496	0.0089	ppm	1M11G7D	24E	21.75
25	1.4	1850.7	1914.3	0.1151	0.0201	ppm	1M11W7D	24E	20.61
25	3	1851.5	1913.5	0.1469	0.0094	ppm	2M74G7D	24E	21.67
25	3	1851.5	1913.5	0.1197	0.0094	ppm	2M72W7D	24E	20.78
25	5	1852.5	1912.5	0.1368	0.0083	ppm	4M58G7D	24E	21.36
25	5	1852.5	1912.5	0.1151	0.0091	ppm	4M59W7D	24E	20.61
25	10	1855	1910	0.1413	0.0081	ppm	9M10G7D	24E	21.50
25	10	1855	1910	0.1219	0.0070	ppm	9M08W7D	24E	20.86
25	15	1857.5	1907.5	0.1368	0.0072	ppm	13M6G7D	24E	21.36
25	15	1857.5	1907.5	0.1183	0.0059	ppm	13M6W7D	24E	20.73
25	20	1860	1905	0.1406	0.0065	ppm	18M2G7D	24E	21.48
25	20	1860	1905	0.1268	0.0047	ppm	18M2W7D	24E	21.03

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.1807	0.0089	ppm	1M11G7D	24E	22.57
25	1.4	1850.7	1914.3	0.1390	0.0201	ppm	1M11W7D	24E	21.43
25	3	1851.5	1913.5	0.1774	0.0094	ppm	2M74G7D	24E	22.49
25	3	1851.5	1913.5	0.1445	0.0094	ppm	2M72W7D	24E	21.60
25	5	1852.5	1912.5	0.1652	0.0083	ppm	4M58G7D	24E	22.18
25	5	1852.5	1912.5	0.1390	0.0091	ppm	4M59W7D	24E	21.43
25	10	1855	1910	0.1706	0.0081	ppm	9M10G7D	24E	22.32
25	10	1855	1910	0.1472	0.0070	ppm	9M08W7D	24E	21.68
25	15	1857.5	1907.5	0.1652	0.0072	ppm	13M6G7D	24E	22.18
25	15	1857.5	1907.5	0.1429	0.0059	ppm	13M6W7D	24E	21.55
25	20	1860	1905	0.1698	0.0065	ppm	18M2G7D	24E	22.30
25	20	1860	1905	0.1531	0.0047	ppm	18M2W7D	24E	21.85