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	22.34	-0.94	21.40	<=33.01	Pass
			2	22.33	-0.94	21.39	<=33.01	Pass
			5	22.32	-0.94	21.38	<=33.01	Pass
		3	0	22.31	-0.94	21.37	<=33.01	Pass
			2	22.30	-0.94	21.36	<=33.01	Pass
			3	22.24	-0.94	21.30	<=33.01	Pass
		6	0	21.37	-0.94	20.43	<=33.01	Pass
	1882.5	1	0	22.00	-0.94	21.06	<=33.01	Pass
			2	21.93	-0.94	20.99	<=33.01	Pass
			5	22.00	-0.94	21.06	<=33.01	Pass
		3	0	22.08	-0.94	21.14	<=33.01	Pass
			2	22.05	-0.94	21.11	<=33.01	Pass
			3	22.08	-0.94	21.14	<=33.01	Pass
		6	0	21.03	-0.94	20.09	<=33.01	Pass
	1914.3	1	0	22.07	-0.94	21.13	<=33.01	Pass
			2	22.03	-0.94	21.09	<=33.01	Pass
			5	22.01	-0.94	21.07	<=33.01	Pass
		3	0	22.18	-0.94	21.24	<=33.01	Pass
			2	22.15	-0.94	21.21	<=33.01	Pass
			3	22.13	-0.94	21.19	<=33.01	Pass
		6	0	21.06	-0.94	20.12	<=33.01	Pass
16QAM	1850.7	1	0	21.46	-0.94	20.52	<=33.01	Pass
			2	21.41	-0.94	20.47	<=33.01	Pass
			5	21.50	-0.94	20.56	<=33.01	Pass
		3	0	21.27	-0.94	20.33	<=33.01	Pass
			2	21.24	-0.94	20.30	<=33.01	Pass
			3	21.21	-0.94	20.27	<=33.01	Pass
		6	0	20.36	-0.94	19.42	<=33.01	Pass
	1882.5	1	0	21.83	-0.94	20.89	<=33.01	Pass
			2	21.84	-0.94	20.90	<=33.01	Pass
			5	21.77	-0.94	20.83	<=33.01	Pass
		3	0	21.01	-0.94	20.07	<=33.01	Pass
			2	21.18	-0.94	20.24	<=33.01	Pass
			3	21.20	-0.94	20.26	<=33.01	Pass
		6	0	20.21	-0.94	19.27	<=33.01	Pass
	1914.3	1	0	21.65	-0.94	20.71	<=33.01	Pass
			2	21.66	-0.94	20.72	<=33.01	Pass
			5	21.63	-0.94	20.69	<=33.01	Pass
		3	0	21.18	-0.94	20.24	<=33.01	Pass
			2	21.02	-0.94	20.08	<=33.01	Pass
			3	20.94	-0.94	20.00	<=33.01	Pass
		6	0	20.13	-0.94	19.19	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	22.41	-0.94	21.47	<=33.01	Pass
			7	22.41	-0.94	21.47	<=33.01	Pass
			14	22.47	-0.94	21.53	<=33.01	Pass
		8	0	21.44	-0.94	20.50	<=33.01	Pass
			4	21.37	-0.94	20.43	<=33.01	Pass
			7	21.34	-0.94	20.40	<=33.01	Pass
		15	0	21.49	-0.94	20.55	<=33.01	Pass
	1882.5	1	0	22.01	-0.94	21.07	<=33.01	Pass
			7	21.99	-0.94	21.05	<=33.01	Pass
			14	21.94	-0.94	21.00	<=33.01	Pass
		8	0	21.04	-0.94	20.10	<=33.01	Pass
			4	21.10	-0.94	20.16	<=33.01	Pass
			7	21.05	-0.94	20.11	<=33.01	Pass
		15	0	21.09	-0.94	20.15	<=33.01	Pass
	1913.5	1	0	22.09	-0.94	21.15	<=33.01	Pass
			7	22.04	-0.94	21.10	<=33.01	Pass
			14	22.05	-0.94	21.11	<=33.01	Pass
		8	0	21.02	-0.94	20.08	<=33.01	Pass
			4	20.96	-0.94	20.02	<=33.01	Pass
			7	21.04	-0.94	20.10	<=33.01	Pass
		15	0	21.16	-0.94	20.22	<=33.01	Pass
16QAM	1851.5	1	0	21.51	-0.94	20.57	<=33.01	Pass
			7	21.50	-0.94	20.56	<=33.01	Pass
			14	21.51	-0.94	20.57	<=33.01	Pass
		8	0	20.58	-0.94	19.64	<=33.01	Pass
			4	20.61	-0.94	19.67	<=33.01	Pass
			7	20.68	-0.94	19.74	<=33.01	Pass
		15	0	20.42	-0.94	19.48	<=33.01	Pass
	1882.5	1	0	21.87	-0.94	20.93	<=33.01	Pass
			7	21.87	-0.94	20.93	<=33.01	Pass
			14	21.77	-0.94	20.83	<=33.01	Pass
		8	0	20.05	-0.94	19.11	<=33.01	Pass
			4	20.21	-0.94	19.27	<=33.01	Pass
			7	20.16	-0.94	19.22	<=33.01	Pass
		15	0	20.15	-0.94	19.21	<=33.01	Pass
	1913.5	1	0	21.86	-0.94	20.92	<=33.01	Pass
			7	21.84	-0.94	20.90	<=33.01	Pass
			14	21.88	-0.94	20.94	<=33.01	Pass
		8	0	20.48	-0.94	19.54	<=33.01	Pass
			4	20.53	-0.94	19.59	<=33.01	Pass
			7	20.44	-0.94	19.50	<=33.01	Pass
		15	0	20.28	-0.94	19.34	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	22.44	-0.94	21.50	<=33.01	Pass
			13	22.27	-0.94	21.33	<=33.01	Pass
			24	22.28	-0.94	21.34	<=33.01	Pass
		12	0	21.47	-0.94	20.53	<=33.01	Pass
			6	21.52	-0.94	20.58	<=33.01	Pass
			13	21.38	-0.94	20.44	<=33.01	Pass

		25	0	21.50	-0.94	20.56	<=33.01	Pass
	1882.5	1	0	22.11	-0.94	21.17	<=33.01	Pass
			13	22.06	-0.94	21.12	<=33.01	Pass
			24	22.09	-0.94	21.15	<=33.01	Pass
		12	0	21.15	-0.94	20.21	<=33.01	Pass
			6	21.20	-0.94	20.26	<=33.01	Pass
			13	21.16	-0.94	20.22	<=33.01	Pass
		25	0	21.21	-0.94	20.27	<=33.01	Pass
	1912.5	1	0	22.07	-0.94	21.13	<=33.01	Pass
			13	22.02	-0.94	21.08	<=33.01	Pass
			24	22.00	-0.94	21.06	<=33.01	Pass
		12	0	21.18	-0.94	20.24	<=33.01	Pass
			6	21.17	-0.94	20.23	<=33.01	Pass
			13	21.13	-0.94	20.19	<=33.01	Pass
		25	0	21.04	-0.94	20.10	<=33.01	Pass
16QAM	1852.5	1	0	22.12	-0.94	21.18	<=33.01	Pass
			13	22.09	-0.94	21.15	<=33.01	Pass
			24	22.08	-0.94	21.14	<=33.01	Pass
		12	0	20.42	-0.94	19.48	<=33.01	Pass
			6	20.49	-0.94	19.55	<=33.01	Pass
			13	20.45	-0.94	19.51	<=33.01	Pass
		25	0	20.60	-0.94	19.66	<=33.01	Pass
	1882.5	1	0	21.66	-0.94	20.72	<=33.01	Pass
			13	21.57	-0.94	20.63	<=33.01	Pass
			24	21.68	-0.94	20.74	<=33.01	Pass
		12	0	20.04	-0.94	19.10	<=33.01	Pass
			6	20.14	-0.94	19.20	<=33.01	Pass
			13	20.22	-0.94	19.28	<=33.01	Pass
		25	0	20.30	-0.94	19.36	<=33.01	Pass
	1912.5	1	0	20.82	-0.94	19.88	<=33.01	Pass
			13	20.84	-0.94	19.90	<=33.01	Pass
			24	20.86	-0.94	19.92	<=33.01	Pass
		12	0	20.22	-0.94	19.28	<=33.01	Pass
			6	20.25	-0.94	19.31	<=33.01	Pass
			13	20.23	-0.94	19.29	<=33.01	Pass
		25	0	20.35	-0.94	19.41	<=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	22.45	-0.94	21.51	<=33.01	Pass
			25	22.42	-0.94	21.48	<=33.01	Pass
			49	22.47	-0.94	21.53	<=33.01	Pass
		25	0	21.52	-0.94	20.58	<=33.01	Pass
			13	21.43	-0.94	20.49	<=33.01	Pass
			25	21.33	-0.94	20.39	<=33.01	Pass
		50	0	21.51	-0.94	20.57	<=33.01	Pass
	1882.5	1	0	22.02	-0.94	21.08	<=33.01	Pass
			25	22.12	-0.94	21.18	<=33.01	Pass
			49	22.17	-0.94	21.23	<=33.01	Pass
		25	0	21.22	-0.94	20.28	<=33.01	Pass
			13	21.19	-0.94	20.25	<=33.01	Pass
			25	21.08	-0.94	20.14	<=33.01	Pass
		50	0	21.25	-0.94	20.31	<=33.01	Pass

	1910	1	0	22.01	-0.94	21.07	<=33.01	Pass
			25	22.03	-0.94	21.09	<=33.01	Pass
			49	22.09	-0.94	21.15	<=33.01	Pass
		25	0	21.02	-0.94	20.08	<=33.01	Pass
			13	21.06	-0.94	20.12	<=33.01	Pass
			25	21.19	-0.94	20.25	<=33.01	Pass
		50	0	21.16	-0.94	20.22	<=33.01	Pass
16QAM	1855	1	0	21.53	-0.94	20.59	<=33.01	Pass
			25	21.51	-0.94	20.57	<=33.01	Pass
			49	21.44	-0.94	20.50	<=33.01	Pass
		25	0	20.61	-0.94	19.67	<=33.01	Pass
			13	20.55	-0.94	19.61	<=33.01	Pass
			25	20.53	-0.94	19.59	<=33.01	Pass
		50	0	20.39	-0.94	19.45	<=33.01	Pass
	1882.5	1	0	21.82	-0.94	20.88	<=33.01	Pass
			25	21.81	-0.94	20.87	<=33.01	Pass
			49	21.89	-0.94	20.95	<=33.01	Pass
		25	0	20.27	-0.94	19.33	<=33.01	Pass
			13	20.32	-0.94	19.38	<=33.01	Pass
			25	20.20	-0.94	19.26	<=33.01	Pass
		50	0	20.34	-0.94	19.40	<=33.01	Pass
	1910	1	0	22.02	-0.94	21.08	<=33.01	Pass
			25	22.08	-0.94	21.14	<=33.01	Pass
			49	22.16	-0.94	21.22	<=33.01	Pass
		25	0	20.20	-0.94	19.26	<=33.01	Pass
			13	20.24	-0.94	19.30	<=33.01	Pass
			25	20.28	-0.94	19.34	<=33.01	Pass
		50	0	20.26	-0.94	19.32	<=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	22.27	-0.94	21.33	<=33.01	Pass
			38	22.28	-0.94	21.34	<=33.01	Pass
			74	22.20	-0.94	21.26	<=33.01	Pass
		36	0	21.39	-0.94	20.45	<=33.01	Pass
			18	21.30	-0.94	20.36	<=33.01	Pass
			39	21.29	-0.94	20.35	<=33.01	Pass
		75	0	21.35	-0.94	20.41	<=33.01	Pass
	1882.5	1	0	22.04	-0.94	21.10	<=33.01	Pass
			38	22.09	-0.94	21.15	<=33.01	Pass
			74	22.00	-0.94	21.06	<=33.01	Pass
		36	0	21.03	-0.94	20.09	<=33.01	Pass
			18	21.14	-0.94	20.20	<=33.01	Pass
			39	21.09	-0.94	20.15	<=33.01	Pass
		75	0	21.14	-0.94	20.20	<=33.01	Pass
	1907.5	1	0	21.91	-0.94	20.97	<=33.01	Pass
			38	22.09	-0.94	21.15	<=33.01	Pass
			74	22.09	-0.94	21.15	<=33.01	Pass
		36	0	20.99	-0.94	20.05	<=33.01	Pass
			18	21.01	-0.94	20.07	<=33.01	Pass
			39	21.03	-0.94	20.09	<=33.01	Pass
		75	0	21.15	-0.94	20.21	<=33.01	Pass
16QAM	1857.5	1	0	22.17	-0.94	21.23	<=33.01	Pass

			38	22.17	-0.94	21.23	<=33.01	Pass
			74	22.01	-0.94	21.07	<=33.01	Pass
		36	0	20.36	-0.94	19.42	<=33.01	Pass
			18	20.39	-0.94	19.45	<=33.01	Pass
			39	20.38	-0.94	19.44	<=33.01	Pass
		75	0	20.33	-0.94	19.39	<=33.01	Pass
	1882.5	1	0	22.42	-0.94	21.48	<=33.01	Pass
			38	22.33	-0.94	21.39	<=33.01	Pass
			74	22.38	-0.94	21.44	<=33.01	Pass
		36	0	20.18	-0.94	19.24	<=33.01	Pass
			18	20.27	-0.94	19.33	<=33.01	Pass
			39	20.14	-0.94	19.20	<=33.01	Pass
		75	0	20.21	-0.94	19.27	<=33.01	Pass
	1907.5	1	0	21.95	-0.94	21.01	<=33.01	Pass
			38	22.01	-0.94	21.07	<=33.01	Pass
			74	22.12	-0.94	21.18	<=33.01	Pass
		36	0	20.38	-0.94	19.44	<=33.01	Pass
			18	20.19	-0.94	19.25	<=33.01	Pass
			39	20.16	-0.94	19.22	<=33.01	Pass
		75	0	20.15	-0.94	19.21	<=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	22.44	-0.94	21.50	<=33.01	Pass
			50	22.44	-0.94	21.50	<=33.01	Pass
			99	22.31	-0.94	21.37	<=33.01	Pass
		50	0	21.40	-0.94	20.46	<=33.01	Pass
			25	21.31	-0.94	20.37	<=33.01	Pass
			50	21.18	-0.94	20.24	<=33.01	Pass
		100	0	21.26	-0.94	20.32	<=33.01	Pass
	1882.5	1	0	22.16	-0.94	21.22	<=33.01	Pass
			50	22.10	-0.94	21.16	<=33.01	Pass
			99	22.08	-0.94	21.14	<=33.01	Pass
		50	0	21.17	-0.94	20.23	<=33.01	Pass
			25	21.07	-0.94	20.13	<=33.01	Pass
			50	21.14	-0.94	20.20	<=33.01	Pass
		100	0	21.09	-0.94	20.15	<=33.01	Pass
	1905	1	0	21.94	-0.94	21.00	<=33.01	Pass
			50	22.03	-0.94	21.09	<=33.01	Pass
			99	22.17	-0.94	21.23	<=33.01	Pass
		50	0	21.04	-0.94	20.10	<=33.01	Pass
			25	21.07	-0.94	20.13	<=33.01	Pass
			50	21.10	-0.94	20.16	<=33.01	Pass
		100	0	21.07	-0.94	20.13	<=33.01	Pass
16QAM	1860	1	0	22.55	-0.94	21.61	<=33.01	Pass
			50	22.41	-0.94	21.47	<=33.01	Pass
			99	22.34	-0.94	21.40	<=33.01	Pass
		50	0	20.32	-0.94	19.38	<=33.01	Pass
			25	20.29	-0.94	19.35	<=33.01	Pass
			50	20.25	-0.94	19.31	<=33.01	Pass
		100	0	20.37	-0.94	19.43	<=33.01	Pass
	1882.5	1	0	21.60	-0.94	20.66	<=33.01	Pass
			50	21.53	-0.94	20.59	<=33.01	Pass

			99	21.60	-0.94	20.66	<=33.01	Pass
		50	0	20.06	-0.94	19.12	<=33.01	Pass
			25	20.23	-0.94	19.29	<=33.01	Pass
			50	20.24	-0.94	19.30	<=33.01	Pass
		100	0	20.18	-0.94	19.24	<=33.01	Pass
	1905	1	0	21.59	-0.94	20.65	<=33.01	Pass
			50	21.56	-0.94	20.62	<=33.01	Pass
			99	21.66	-0.94	20.72	<=33.01	Pass
		50	0	20.13	-0.94	19.19	<=33.01	Pass
			25	20.46	-0.94	19.52	<=33.01	Pass
			50	20.22	-0.94	19.28	<=33.01	Pass
		100	0	20.46	-0.94	19.52	<=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	-33.703	-0.0182	-2.5 to 2.5	Pass
					3.85	-15.450	-0.0083	-2.5 to 2.5	Pass
					4.43	-3.290	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-29.068	-0.0157	-2.5 to 2.5	Pass
				-20	3.85	-40.941	-0.0221	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-46.592	-0.0252	-2.5 to 2.5	Pass
				10	3.85	6.781	0.0037	-2.5 to 2.5	Pass
				30	3.85	2.718	0.0015	-2.5 to 2.5	Pass
				40	3.85	-38.438	-0.0208	-2.5 to 2.5	Pass
				50	3.85	-15.635	-0.0084	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	13.118	0.0070	-2.5 to 2.5	Pass
					3.85	-33.674	-0.0179	-2.5 to 2.5	Pass
					4.43	-36.721	-0.0195	-2.5 to 2.5	Pass
				-30	3.85	-12.903	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-24.362	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-10.486	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-16.465	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-3.104	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-37.351	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-27.351	-0.0145	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-45.719	-0.0239	-2.5 to 2.5	Pass
					3.85	-25.148	-0.0131	-2.5 to 2.5	Pass
					4.43	-33.832	-0.0177	-2.5 to 2.5	Pass
				-30	3.85	-17.252	-0.0090	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-22.144	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-44.088	-0.0230	-2.5 to 2.5	Pass
				10	3.85	-33.116	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-35.362	-0.0185	-2.5 to 2.5	Pass
				40	3.85	-19.441	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-22.202	-0.0116	-2.5 to 2.5	Pass

16QAM	1850.7	6	0	20	3.27	-34.146	-0.0185	-2.5 to 2.5	Pass
					3.85	-27.981	-0.0151	-2.5 to 2.5	Pass
					4.43	-22.702	-0.0123	-2.5 to 2.5	Pass
				-30	3.85	-4.792	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-36.664	-0.0198	-2.5 to 2.5	Pass
				-10	3.85	-9.956	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-39.067	-0.0211	-2.5 to 2.5	Pass
				10	3.85	-21.501	-0.0116	-2.5 to 2.5	Pass
				30	3.85	-43.345	-0.0234	-2.5 to 2.5	Pass
				40	3.85	-32.616	-0.0176	-2.5 to 2.5	Pass
				50	3.85	-9.570	-0.0052	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-29.254	-0.0155	-2.5 to 2.5	Pass
					3.85	-2.046	-0.0011	-2.5 to 2.5	Pass
					4.43	-33.417	-0.0178	-2.5 to 2.5	Pass
				-30	3.85	-44.060	-0.0234	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0020	-2.5 to 2.5	Pass
				-10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				10	3.85	14.935	0.0079	-2.5 to 2.5	Pass
				30	3.85	32.301	0.0172	-2.5 to 2.5	Pass
				40	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				50	3.85	1.745	0.0009	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-44.217	-0.0231	-2.5 to 2.5	Pass
					3.85	-41.070	-0.0215	-2.5 to 2.5	Pass
					4.43	-22.788	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-41.857	-0.0219	-2.5 to 2.5	Pass
				-20	3.85	-23.932	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-43.573	-0.0228	-2.5 to 2.5	Pass
				0	3.85	-15.206	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-35.520	-0.0186	-2.5 to 2.5	Pass
				30	3.85	-11.001	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-41.056	-0.0214	-2.5 to 2.5	Pass
				50	3.85	-18.697	-0.0098	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	8.512	0.0046	-2.5 to 2.5	Pass
					3.85	-39.024	-0.0211	-2.5 to 2.5	Pass
					4.43	-12.259	-0.0066	-2.5 to 2.5	Pass
				-30	3.85	-25.463	-0.0138	-2.5 to 2.5	Pass
				-20	3.85	-45.133	-0.0244	-2.5 to 2.5	Pass
				-10	3.85	-20.270	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-34.819	-0.0188	-2.5 to 2.5	Pass
				10	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				30	3.85	-38.495	-0.0208	-2.5 to 2.5	Pass
				40	3.85	-28.496	-0.0154	-2.5 to 2.5	Pass
				50	3.85	7.753	0.0042	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	10.729	0.0057	-2.5 to 2.5	Pass
					3.85	-35.505	-0.0189	-2.5 to 2.5	Pass
					4.43	-25.864	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	-36.106	-0.0192	-2.5 to 2.5	Pass
				-20	3.85	-15.922	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-42.486	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-32.330	-0.0172	-2.5 to 2.5	Pass

				10	3.85	8.812	0.0047	-2.5 to 2.5	Pass
				30	3.85	-24.548	-0.0130	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-29.225	-0.0155	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	27.494	0.0144	-2.5 to 2.5	Pass
					3.85	-23.317	-0.0122	-2.5 to 2.5	Pass
					4.43	2.875	0.0015	-2.5 to 2.5	Pass
				-30	3.85	-44.045	-0.0230	-2.5 to 2.5	Pass
				-20	3.85	-18.110	-0.0095	-2.5 to 2.5	Pass
				-10	3.85	-20.399	-0.0107	-2.5 to 2.5	Pass
				0	3.85	-45.118	-0.0236	-2.5 to 2.5	Pass
				10	3.85	-38.667	-0.0202	-2.5 to 2.5	Pass
				30	3.85	-48.523	-0.0254	-2.5 to 2.5	Pass
				40	3.85	-37.122	-0.0194	-2.5 to 2.5	Pass
				50	3.85	-21.329	-0.0111	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-24.004	-0.0130	-2.5 to 2.5	Pass
					3.85	-24.948	-0.0135	-2.5 to 2.5	Pass
					4.43	-27.123	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	-29.869	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	-27.022	-0.0146	-2.5 to 2.5	Pass
				-10	3.85	-34.175	-0.0185	-2.5 to 2.5	Pass
				0	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-22.788	-0.0123	-2.5 to 2.5	Pass
				40	3.85	-27.237	-0.0147	-2.5 to 2.5	Pass
				50	3.85	-43.387	-0.0234	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-52.085	-0.0277	-2.5 to 2.5	Pass
					3.85	10.371	0.0055	-2.5 to 2.5	Pass
					4.43	16.780	0.0089	-2.5 to 2.5	Pass
				-30	3.85	12.560	0.0067	-2.5 to 2.5	Pass
				-20	3.85	16.565	0.0088	-2.5 to 2.5	Pass
				-10	3.85	16.837	0.0089	-2.5 to 2.5	Pass
				0	3.85	11.902	0.0063	-2.5 to 2.5	Pass
				10	3.85	13.590	0.0072	-2.5 to 2.5	Pass
				30	3.85	12.031	0.0064	-2.5 to 2.5	Pass
				40	3.85	6.723	0.0036	-2.5 to 2.5	Pass
				50	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-2.460	-0.0013	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0035	-2.5 to 2.5	Pass
					4.43	-2.875	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-13.247	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-17.123	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-25.120	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-24.948	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-33.116	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-46.148	-0.0241	-2.5 to 2.5	Pass
				40	3.85	-45.333	-0.0237	-2.5 to 2.5	Pass
				50	3.85	-6.809	-0.0036	-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	4.506	0.0024	-2.5 to 2.5	Pass
					3.85	-22.674	-0.0122	-2.5 to 2.5	Pass
					4.43	-30.756	-0.0166	-2.5 to 2.5	Pass

				-30	3.85	-19.240	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-20.771	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-24.190	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-21.071	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-11.945	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-18.954	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-11.015	-0.0059	-2.5 to 2.5	Pass
				50	3.85	1.473	0.0008	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	0.515	0.0003	-2.5 to 2.5	Pass
					3.85	-28.467	-0.0151	-2.5 to 2.5	Pass
					4.43	3.734	0.0020	-2.5 to 2.5	Pass
				-30	3.85	-27.151	-0.0144	-2.5 to 2.5	Pass
				-20	3.85	-48.079	-0.0255	-2.5 to 2.5	Pass
				-10	3.85	-31.071	-0.0165	-2.5 to 2.5	Pass
				0	3.85	9.556	0.0051	-2.5 to 2.5	Pass
				10	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-14.892	-0.0079	-2.5 to 2.5	Pass
				40	3.85	-31.013	-0.0165	-2.5 to 2.5	Pass
				50	3.85	-41.914	-0.0223	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	12.388	0.0065	-2.5 to 2.5	Pass
					3.85	-25.263	-0.0132	-2.5 to 2.5	Pass
					4.43	-14.119	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-39.425	-0.0206	-2.5 to 2.5	Pass
				-20	3.85	-9.127	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-26.522	-0.0139	-2.5 to 2.5	Pass
				0	3.85	-35.763	-0.0187	-2.5 to 2.5	Pass
				10	3.85	-45.319	-0.0237	-2.5 to 2.5	Pass
				30	3.85	-4.864	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-9.584	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-12.875	-0.0067	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-49.896	-0.0269	-2.5 to 2.5	Pass
					3.85	-52.242	-0.0282	-2.5 to 2.5	Pass
					4.43	-19.383	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	-46.520	-0.0251	-2.5 to 2.5	Pass
				-20	3.85	-35.648	-0.0192	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-21.801	-0.0118	-2.5 to 2.5	Pass
				10	3.85	-32.043	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-44.189	-0.0239	-2.5 to 2.5	Pass
				40	3.85	-29.840	-0.0161	-2.5 to 2.5	Pass
				50	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-18.282	-0.0097	-2.5 to 2.5	Pass
					3.85	-26.407	-0.0140	-2.5 to 2.5	Pass
					4.43	-25.177	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	-36.035	-0.0191	-2.5 to 2.5	Pass
				-20	3.85	-32.973	-0.0175	-2.5 to 2.5	Pass
				-10	3.85	-37.293	-0.0198	-2.5 to 2.5	Pass
				0	3.85	-44.074	-0.0234	-2.5 to 2.5	Pass
				10	3.85	13.103	0.0070	-2.5 to 2.5	Pass
				30	3.85	13.347	0.0071	-2.5 to 2.5	Pass
				40	3.85	7.267	0.0039	-2.5 to 2.5	Pass
				50	3.85	4.563	0.0024	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-16.322	-0.0085	-2.5 to 2.5	Pass
					3.85	-14.348	-0.0075	-2.5 to 2.5	Pass
					4.43	-14.777	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-10.729	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-12.860	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-13.103	-0.0069	-2.5 to 2.5	Pass

				10	3.85	-14.992	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-15.435	-0.0081	-2.5 to 2.5	Pass
				40	3.85	-11.702	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-12.946	-0.0068	-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	10.643	0.0057	-2.5 to 2.5	Pass
					3.85	-41.285	-0.0223	-2.5 to 2.5	Pass
					4.43	8.826	0.0048	-2.5 to 2.5	Pass
				-30	3.85	-27.709	-0.0149	-2.5 to 2.5	Pass
				-20	3.85	-23.060	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-41.313	-0.0223	-2.5 to 2.5	Pass
				0	3.85	-8.955	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-24.290	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-33.188	-0.0179	-2.5 to 2.5	Pass
				40	3.85	-36.650	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-42.214	-0.0228	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	7.896	0.0042	-2.5 to 2.5	Pass
					3.85	-9.341	-0.0050	-2.5 to 2.5	Pass
					4.43	-24.290	-0.0129	-2.5 to 2.5	Pass
				-30	3.85	-34.747	-0.0185	-2.5 to 2.5	Pass
				-20	3.85	-38.524	-0.0205	-2.5 to 2.5	Pass
				-10	3.85	-44.003	-0.0234	-2.5 to 2.5	Pass
				0	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-6.409	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-10.672	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-9.198	-0.0049	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-5.751	-0.0030	-2.5 to 2.5	Pass
					3.85	-24.877	-0.0130	-2.5 to 2.5	Pass
					4.43	-33.460	-0.0175	-2.5 to 2.5	Pass
				-30	3.85	-37.665	-0.0197	-2.5 to 2.5	Pass
				-20	3.85	-42.529	-0.0223	-2.5 to 2.5	Pass
				-10	3.85	-48.366	-0.0253	-2.5 to 2.5	Pass
				0	3.85	-46.577	-0.0244	-2.5 to 2.5	Pass
				10	3.85	-46.835	-0.0245	-2.5 to 2.5	Pass
				30	3.85	-46.263	-0.0242	-2.5 to 2.5	Pass
				40	3.85	-43.917	-0.0230	-2.5 to 2.5	Pass
				50	3.85	-43.530	-0.0228	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.330	-0.0007	-2.5 to 2.5	Pass
					3.85	7.439	0.0040	-2.5 to 2.5	Pass
					4.43	10.586	0.0057	-2.5 to 2.5	Pass
				-30	3.85	12.045	0.0065	-2.5 to 2.5	Pass
				-20	3.85	14.105	0.0076	-2.5 to 2.5	Pass
				-10	3.85	13.690	0.0074	-2.5 to 2.5	Pass
				0	3.85	14.033	0.0076	-2.5 to 2.5	Pass
				10	3.85	13.061	0.0070	-2.5 to 2.5	Pass
				30	3.85	10.657	0.0057	-2.5 to 2.5	Pass
				40	3.85	13.418	0.0072	-2.5 to 2.5	Pass
				50	3.85	14.033	0.0076	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-10.185	-0.0054	-2.5 to 2.5	Pass
					3.85	-5.107	-0.0027	-2.5 to 2.5	Pass
					4.43	-4.435	-0.0024	-2.5 to 2.5	Pass

				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	1.059	0.0006	-2.5 to 2.5	Pass
				10	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				30	3.85	7.668	0.0041	-2.5 to 2.5	Pass
				40	3.85	7.482	0.0040	-2.5 to 2.5	Pass
				50	3.85	6.194	0.0033	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-43.159	-0.0226	-2.5 to 2.5	Pass
					3.85	-43.330	-0.0227	-2.5 to 2.5	Pass
					4.43	-43.945	-0.0230	-2.5 to 2.5	Pass
				-30	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	16.108	0.0084	-2.5 to 2.5	Pass
				-10	3.85	16.823	0.0088	-2.5 to 2.5	Pass
				0	3.85	14.877	0.0078	-2.5 to 2.5	Pass
				10	3.85	17.738	0.0093	-2.5 to 2.5	Pass
				30	3.85	13.332	0.0070	-2.5 to 2.5	Pass
				40	3.85	17.166	0.0090	-2.5 to 2.5	Pass
				50	3.85	15.306	0.0080	-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	-5.808	-0.0031	-2.5 to 2.5	Pass
					3.85	-20.514	-0.0110	-2.5 to 2.5	Pass
					4.43	-53.673	-0.0289	-2.5 to 2.5	Pass
				-30	3.85	-18.926	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-33.259	-0.0179	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.303	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-9.027	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-14.162	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-14.834	-0.0080	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	22.573	0.0120	-2.5 to 2.5	Pass
					3.85	14.763	0.0078	-2.5 to 2.5	Pass
					4.43	10.057	0.0053	-2.5 to 2.5	Pass
				-30	3.85	4.277	0.0023	-2.5 to 2.5	Pass
				-20	3.85	3.905	0.0021	-2.5 to 2.5	Pass
				-10	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				10	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				40	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	12.703	0.0067	-2.5 to 2.5	Pass
					3.85	-5.021	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.553	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-12.231	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-11.988	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-11.730	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-11.230	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-9.685	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-23.875	-0.0125	-2.5 to 2.5	Pass

				50	3.85	8.740	0.0046	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-17.209	-0.0093	-2.5 to 2.5	Pass
					3.85	-19.169	-0.0103	-2.5 to 2.5	Pass
					4.43	-11.330	-0.0061	-2.5 to 2.5	Pass
				-30	3.85	-11.930	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-11.444	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-10.400	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-8.898	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-9.170	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-6.938	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.85	0.930	0.0005	-2.5 to 2.5	Pass
					4.43	0.744	0.0004	-2.5 to 2.5	Pass
				-30	3.85	5.436	0.0029	-2.5 to 2.5	Pass
				-20	3.85	3.505	0.0019	-2.5 to 2.5	Pass
				-10	3.85	5.536	0.0029	-2.5 to 2.5	Pass
				0	3.85	7.825	0.0042	-2.5 to 2.5	Pass
				10	3.85	5.064	0.0027	-2.5 to 2.5	Pass
				30	3.85	5.236	0.0028	-2.5 to 2.5	Pass
				40	3.85	6.781	0.0036	-2.5 to 2.5	Pass
				50	3.85	6.509	0.0035	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	17.724	0.0093	-2.5 to 2.5	Pass
					3.85	11.988	0.0063	-2.5 to 2.5	Pass
					4.43	6.537	0.0034	-2.5 to 2.5	Pass
				-30	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-4.635	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-8.283	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-8.240	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-10.943	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-13.146	-0.0069	-2.5 to 2.5	Pass
				40	3.85	-15.578	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-11.544	-0.0061	-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	1.931	0.0010	-2.5 to 2.5	Pass
					3.85	-18.554	-0.0100	-2.5 to 2.5	Pass
					4.43	-34.761	-0.0187	-2.5 to 2.5	Pass
				-30	3.85	7.753	0.0042	-2.5 to 2.5	Pass
				-20	3.85	-7.596	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-16.937	-0.0091	-2.5 to 2.5	Pass
				0	3.85	-20.542	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-24.519	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-29.440	-0.0158	-2.5 to 2.5	Pass
				40	3.85	-31.772	-0.0171	-2.5 to 2.5	Pass
				50	3.85	-30.813	-0.0166	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	2.074	0.0011	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.696	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-13.804	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-13.404	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-14.062	-0.0075	-2.5 to 2.5	Pass

				0	3.85	-15.335	-0.0081	-2.5 to 2.5	Pass
				10	3.85	-18.740	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-13.332	-0.0071	-2.5 to 2.5	Pass
				40	3.85	-15.235	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-14.563	-0.0077	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-4.950	-0.0026	-2.5 to 2.5	Pass
					3.85	-9.012	-0.0047	-2.5 to 2.5	Pass
					4.43	2.546	0.0013	-2.5 to 2.5	Pass
				-30	3.85	31.686	0.0166	-2.5 to 2.5	Pass
				-20	3.85	9.212	0.0048	-2.5 to 2.5	Pass
				-10	3.85	25.892	0.0136	-2.5 to 2.5	Pass
				0	3.85	47.579	0.0250	-2.5 to 2.5	Pass
				10	3.85	24.333	0.0128	-2.5 to 2.5	Pass
				30	3.85	17.896	0.0094	-2.5 to 2.5	Pass
				40	3.85	2.074	0.0011	-2.5 to 2.5	Pass
				50	3.85	-11.730	-0.0062	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-29.497	-0.0159	-2.5 to 2.5	Pass
					3.85	-30.613	-0.0165	-2.5 to 2.5	Pass
					4.43	-27.781	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	-26.064	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	-25.892	-0.0139	-2.5 to 2.5	Pass
				-10	3.85	-21.071	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-27.480	-0.0148	-2.5 to 2.5	Pass
				10	3.85	-23.661	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-22.645	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-19.069	-0.0103	-2.5 to 2.5	Pass
				50	3.85	-19.398	-0.0104	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-16.136	-0.0086	-2.5 to 2.5	Pass
					3.85	-12.360	-0.0066	-2.5 to 2.5	Pass
					4.43	-13.962	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-17.467	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-15.249	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-13.247	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-10.571	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-13.790	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-10.157	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-13.819	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-11.072	-0.0059	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-24.548	-0.0129	-2.5 to 2.5	Pass
					3.85	-43.302	-0.0227	-2.5 to 2.5	Pass
					4.43	-14.763	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-24.576	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	-28.439	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-32.430	-0.0170	-2.5 to 2.5	Pass
				0	3.85	-7.210	-0.0038	-2.5 to 2.5	Pass
				10	3.85	5.808	0.0030	-2.5 to 2.5	Pass
				30	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				40	3.85	1.588	0.0008	-2.5 to 2.5	Pass
				50	3.85	3.905	0.0020	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

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

3.1.2 B25_3MHz

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

3.1.3 B25_5MHz

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

3.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
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 / NTNV						
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

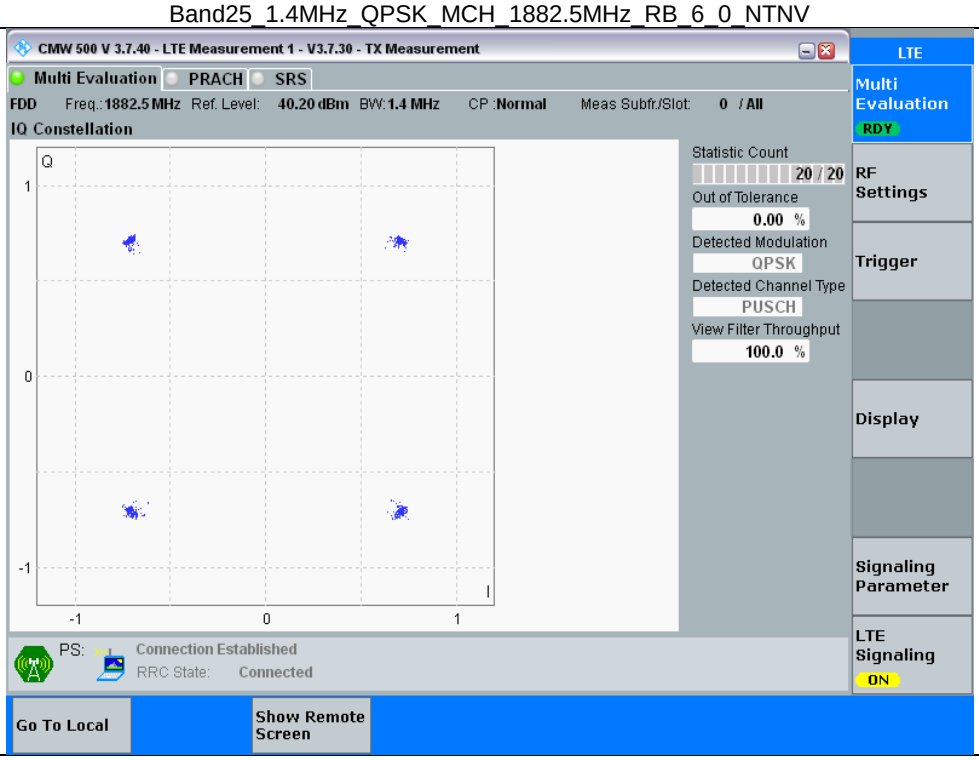
3.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
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

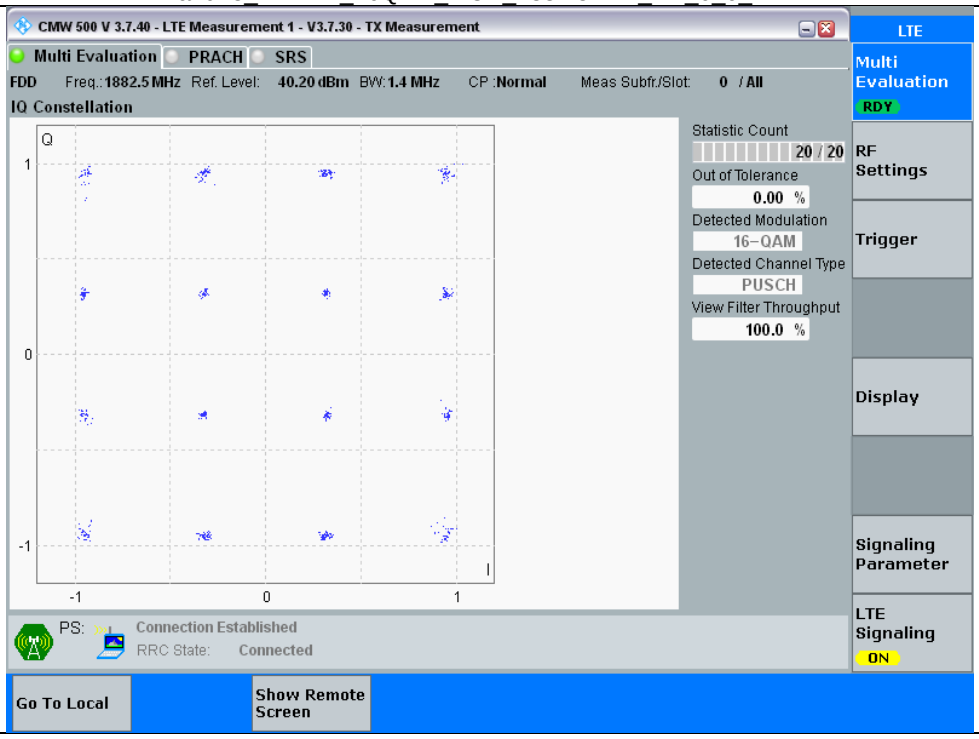
3.2 Test Graph

3.2.1 B25_1.4MHz

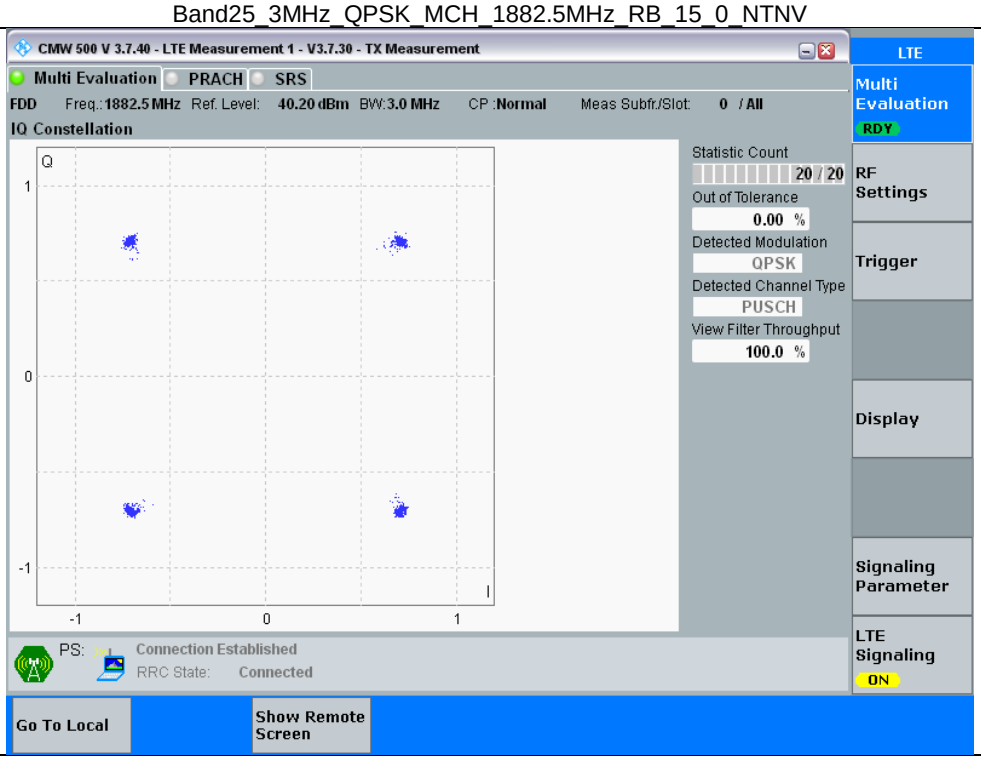
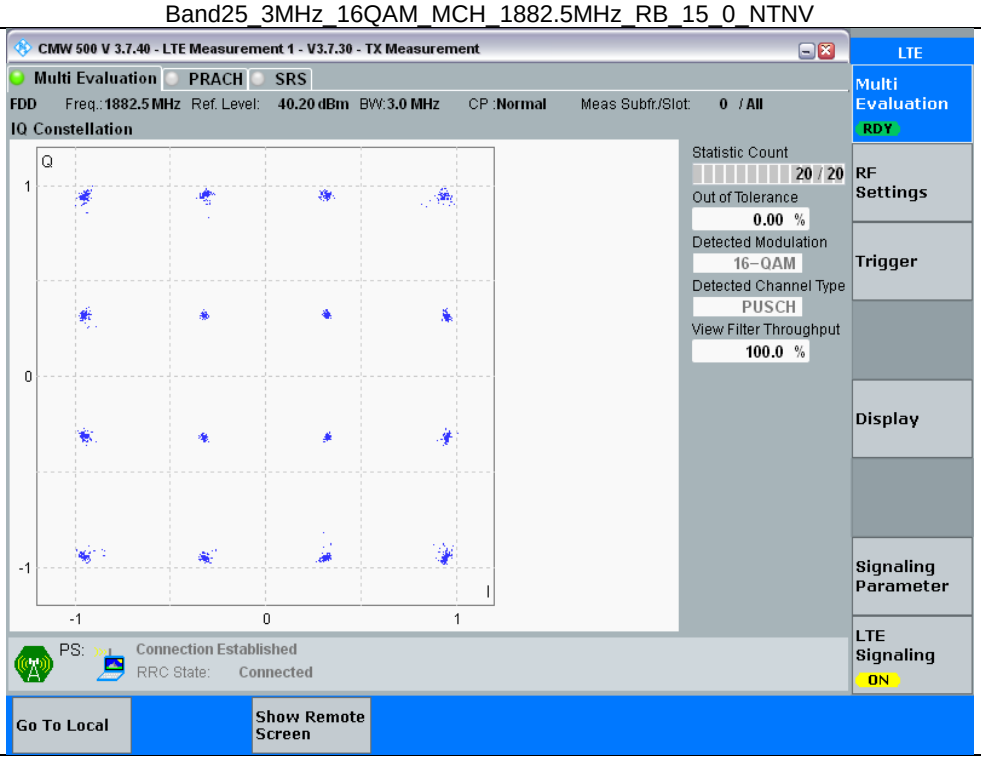
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



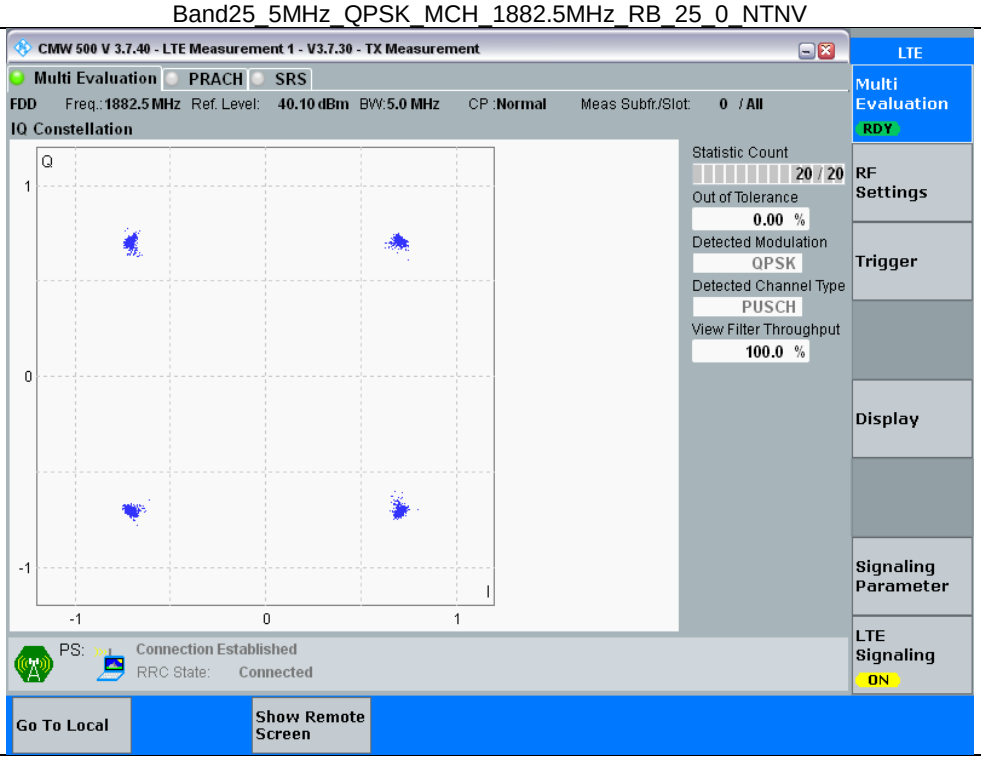
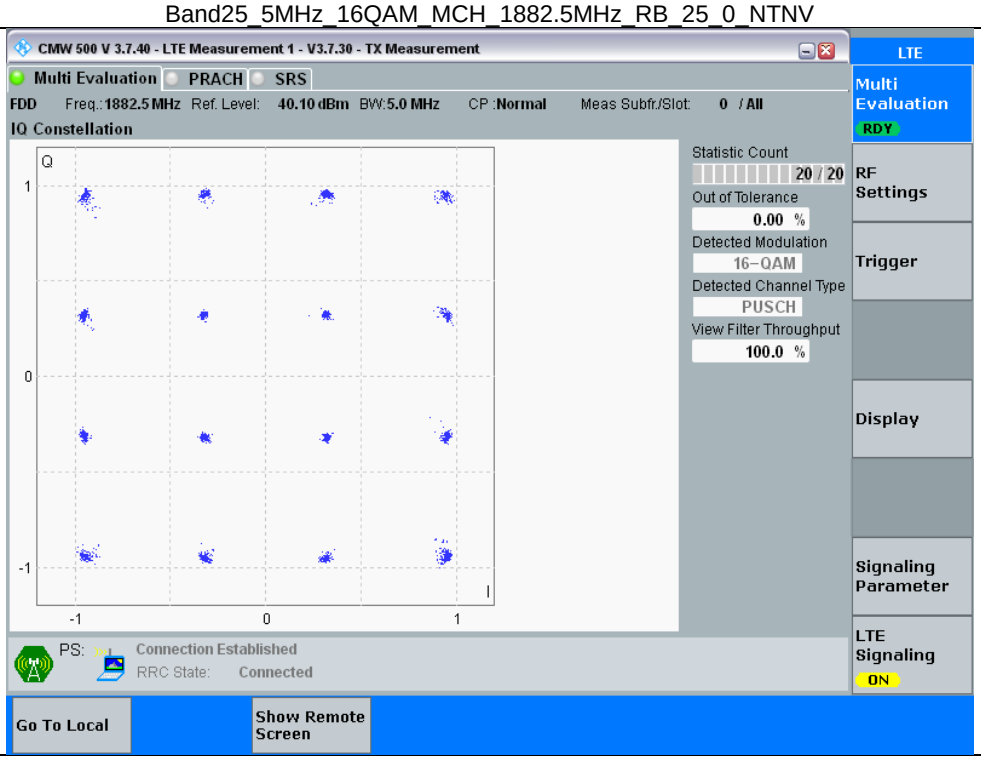
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



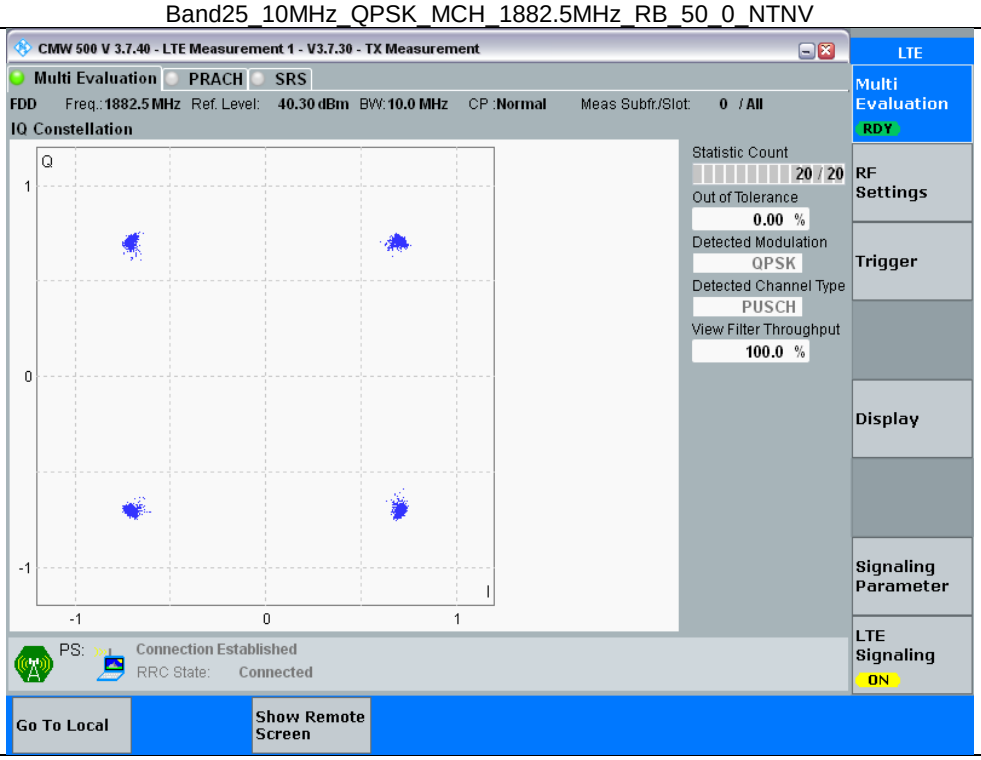
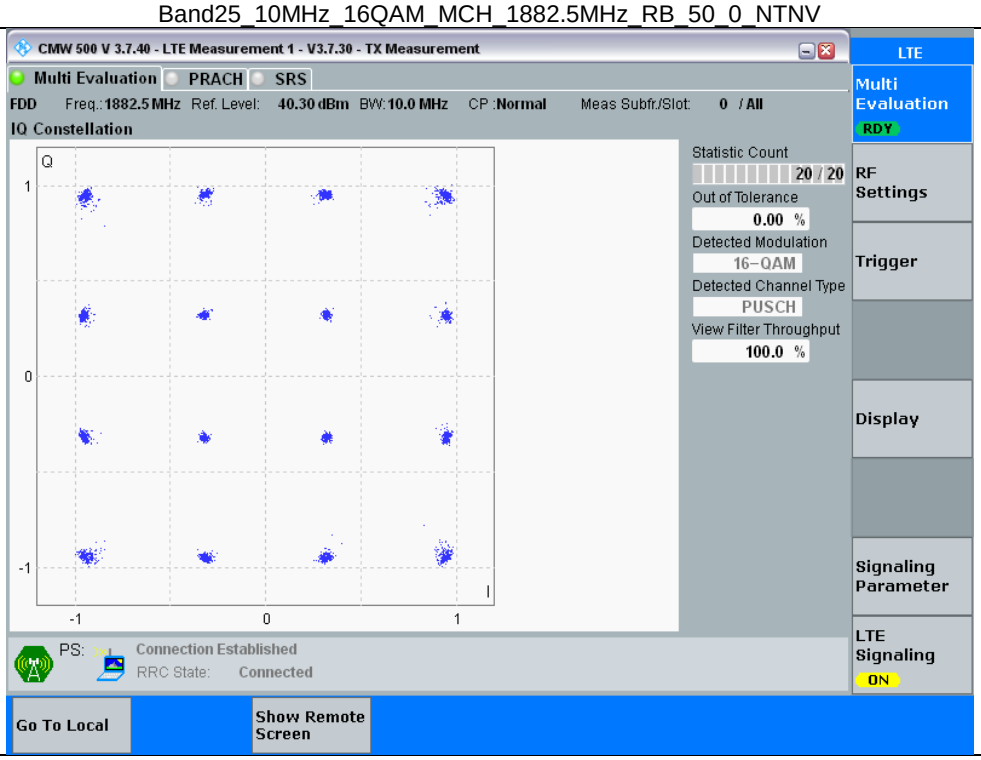
3.2.2 B25_3MHz

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV


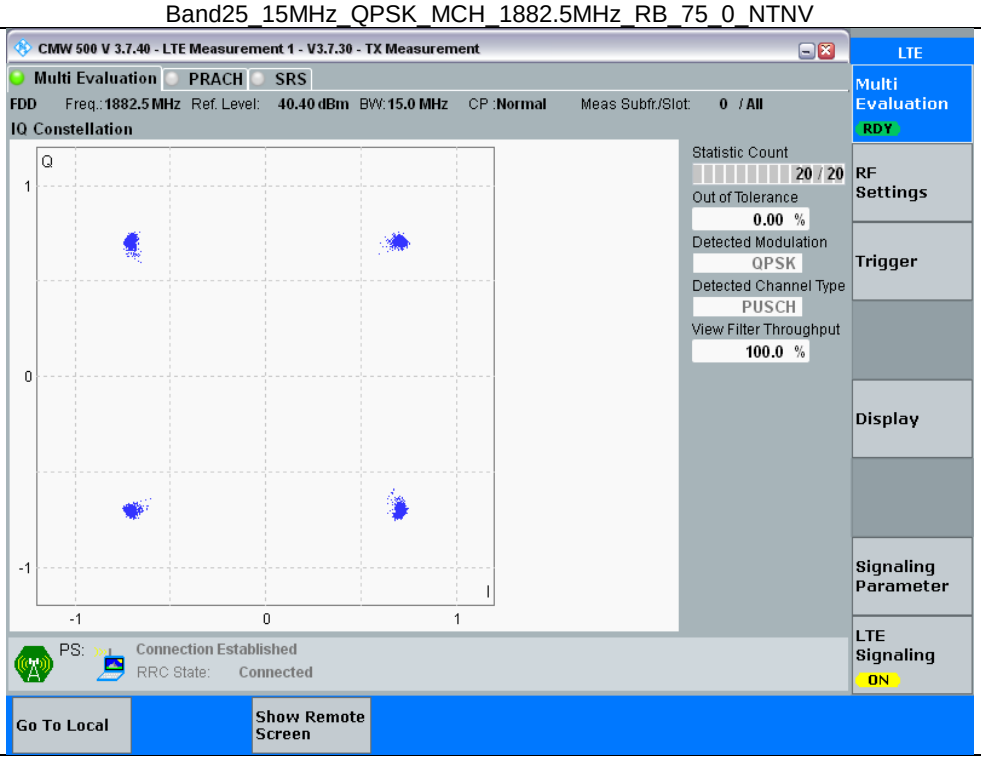
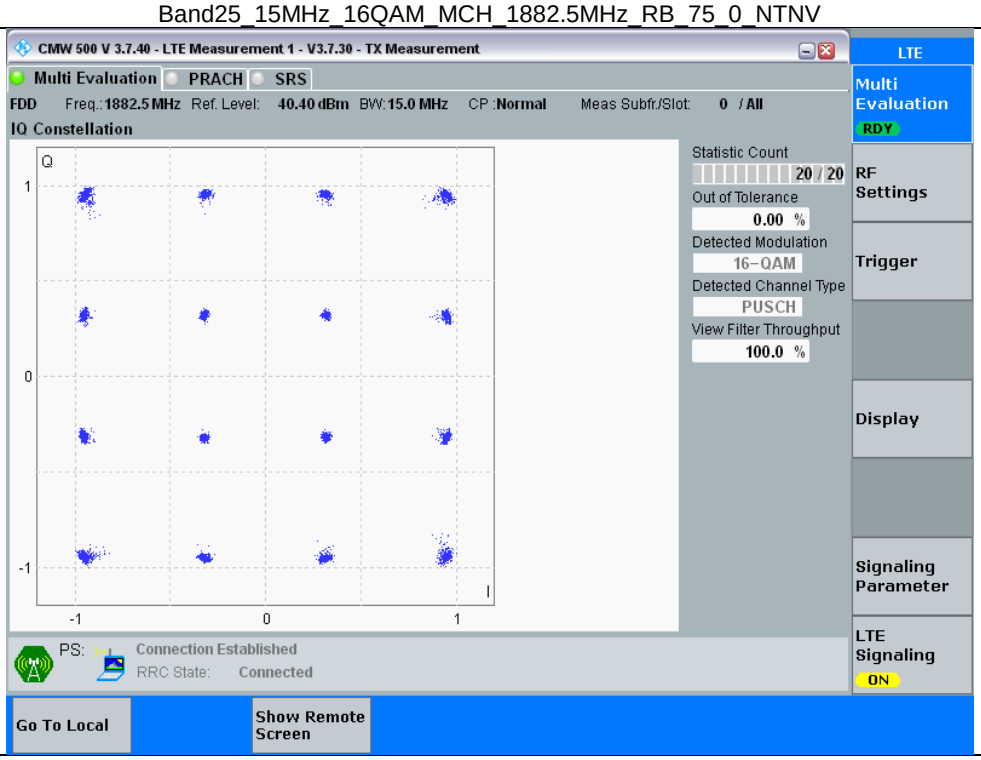
3.2.3 B25_5MHz

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV


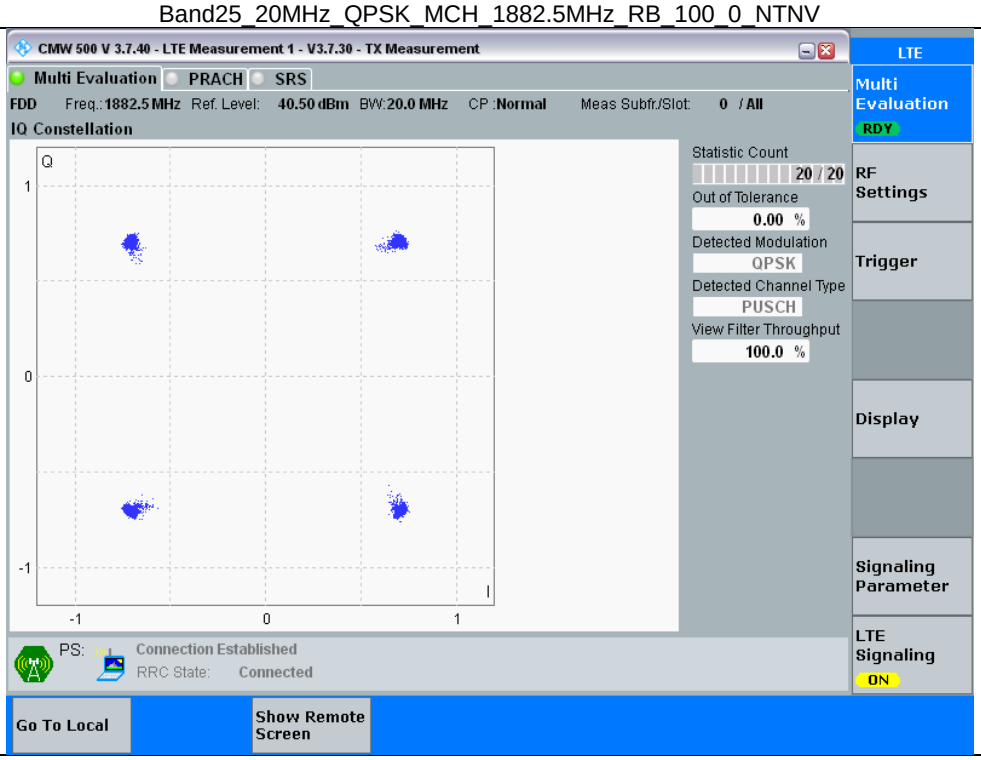
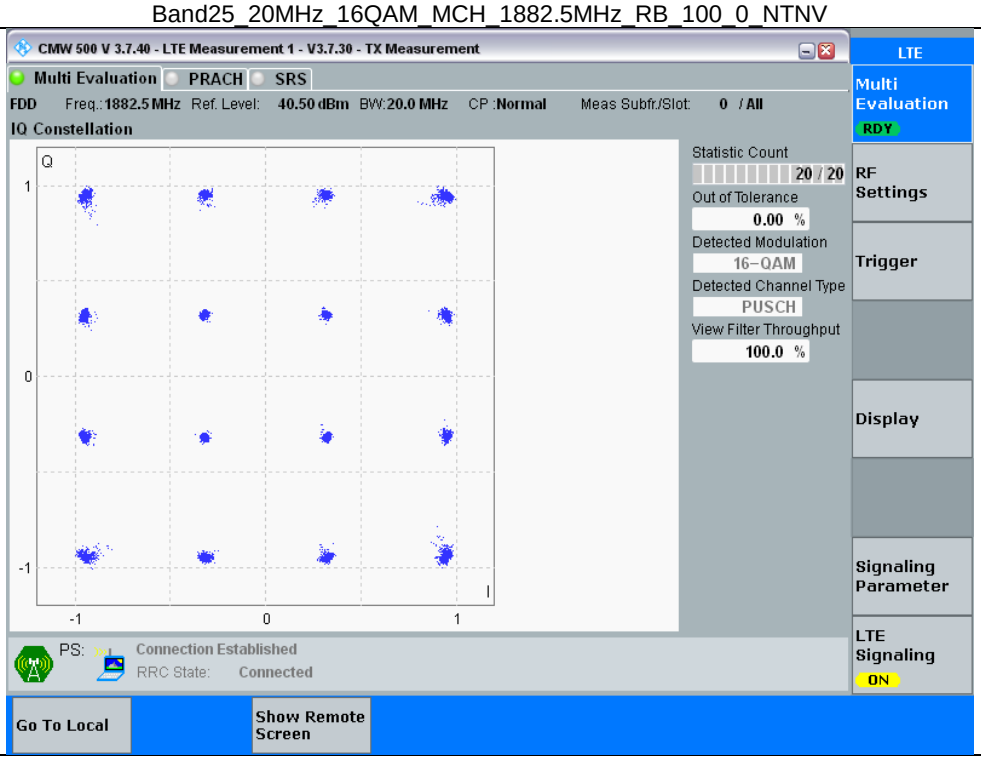
3.2.4 B25_10MHz

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV


3.2.5 B25_15MHz

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV


3.2.6 B25_20MHz

Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV

Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV


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	1.118	/	Pass
		1882.5	6	0	1.111	/	Pass
		1914.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.124	/	Pass
		1882.5	6	0	1.118	/	Pass
		1914.3	6	0	1.107	/	Pass
3	QPSK	1851.5	15	0	2.767	/	Pass
		1882.5	15	0	2.768	/	Pass
		1913.5	15	0	2.757	/	Pass
	16QAM	1851.5	15	0	2.779	/	Pass
		1882.5	15	0	2.750	/	Pass
		1913.5	15	0	2.757	/	Pass
5	QPSK	1852.5	25	0	4.559	/	Pass
		1882.5	25	0	4.557	/	Pass
		1912.5	25	0	4.578	/	Pass
	16QAM	1852.5	25	0	4.614	/	Pass
		1882.5	25	0	4.571	/	Pass
		1912.5	25	0	4.557	/	Pass
10	QPSK	1855	50	0	9.106	/	Pass
		1882.5	50	0	9.073	/	Pass
		1910	50	0	9.067	/	Pass
	16QAM	1855	50	0	9.114	/	Pass
		1882.5	50	0	9.099	/	Pass
		1910	50	0	9.113	/	Pass
15	QPSK	1857.5	75	0	13.618	/	Pass
		1882.5	75	0	13.578	/	Pass
		1907.5	75	0	13.580	/	Pass
	16QAM	1857.5	75	0	13.673	/	Pass
		1882.5	75	0	13.622	/	Pass
		1907.5	75	0	13.618	/	Pass
20	QPSK	1860	100	0	18.217	/	Pass
		1882.5	100	0	18.212	/	Pass
		1905	100	0	18.081	/	Pass
	16QAM	1860	100	0	18.224	/	Pass
		1882.5	100	0	18.214	/	Pass
		1905	100	0	18.166	/	Pass

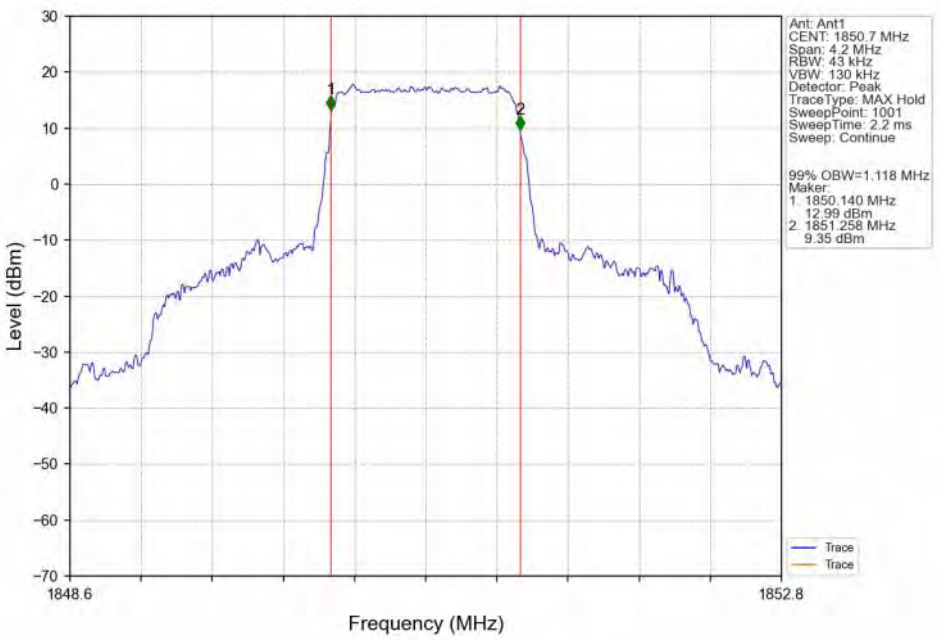
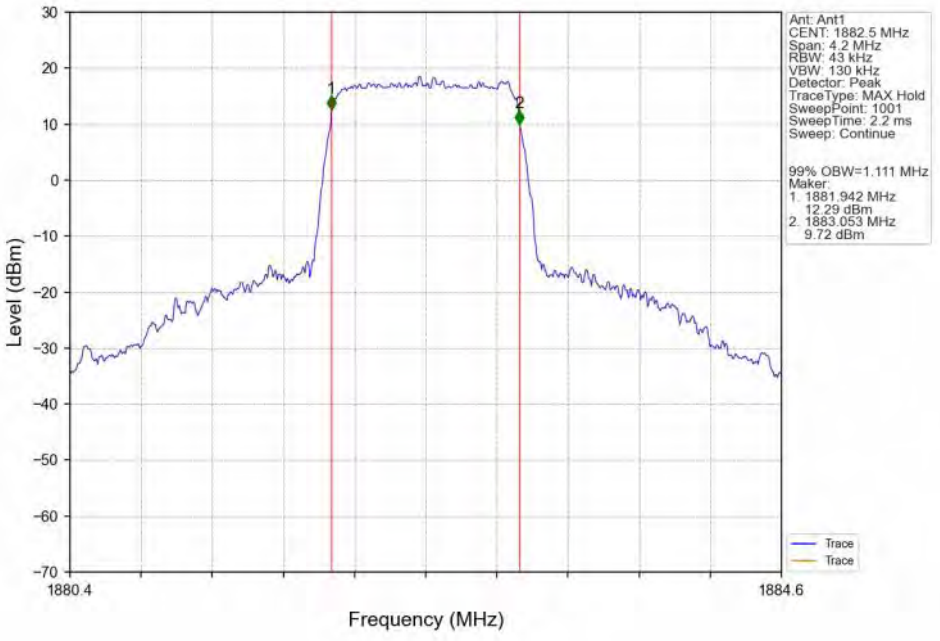
4.1.2 Band25_XDB

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	1.298	/	Pass
		1882.5	6	0	1.271	/	Pass
		1914.3	6	0	1.284	/	Pass

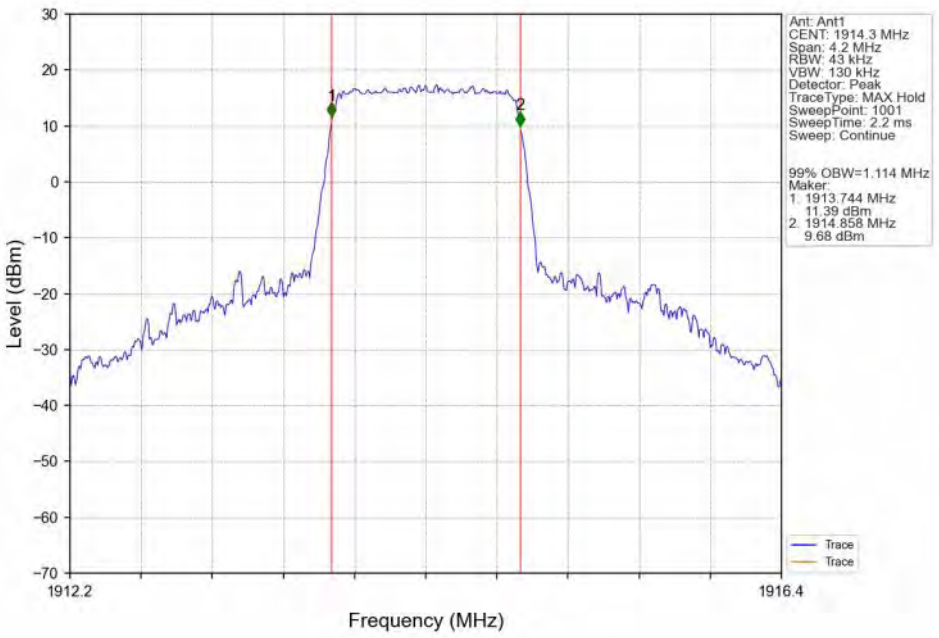
	16QAM	1850.7	6	0	1.288	/	Pass
		1882.5	6	0	1.277	/	Pass
		1914.3	6	0	1.268	/	Pass
3	QPSK	1851.5	15	0	3.128	/	Pass
		1882.5	15	0	3.098	/	Pass
		1913.5	15	0	3.118	/	Pass
	16QAM	1851.5	15	0	3.104	/	Pass
		1882.5	15	0	3.118	/	Pass
		1913.5	15	0	3.119	/	Pass
5	QPSK	1852.5	25	0	5.069	/	Pass
		1882.5	25	0	5.068	/	Pass
		1912.5	25	0	5.072	/	Pass
	16QAM	1852.5	25	0	5.076	/	Pass
		1882.5	25	0	5.046	/	Pass
		1912.5	25	0	5.075	/	Pass
10	QPSK	1855	50	0	10.153	/	Pass
		1882.5	50	0	10.142	/	Pass
		1910	50	0	10.083	/	Pass
	16QAM	1855	50	0	10.102	/	Pass
		1882.5	50	0	10.061	/	Pass
		1910	50	0	10.065	/	Pass
15	QPSK	1857.5	75	0	15.247	/	Pass
		1882.5	75	0	15.126	/	Pass
		1907.5	75	0	15.071	/	Pass
	16QAM	1857.5	75	0	15.178	/	Pass
		1882.5	75	0	15.184	/	Pass
		1907.5	75	0	15.143	/	Pass
20	QPSK	1860	100	0	20.152	/	Pass
		1882.5	100	0	20.090	/	Pass
		1905	100	0	19.937	/	Pass
	16QAM	1860	100	0	20.253	/	Pass
		1882.5	100	0	20.290	/	Pass
		1905	100	0	20.004	/	Pass

4.2 Test Graph

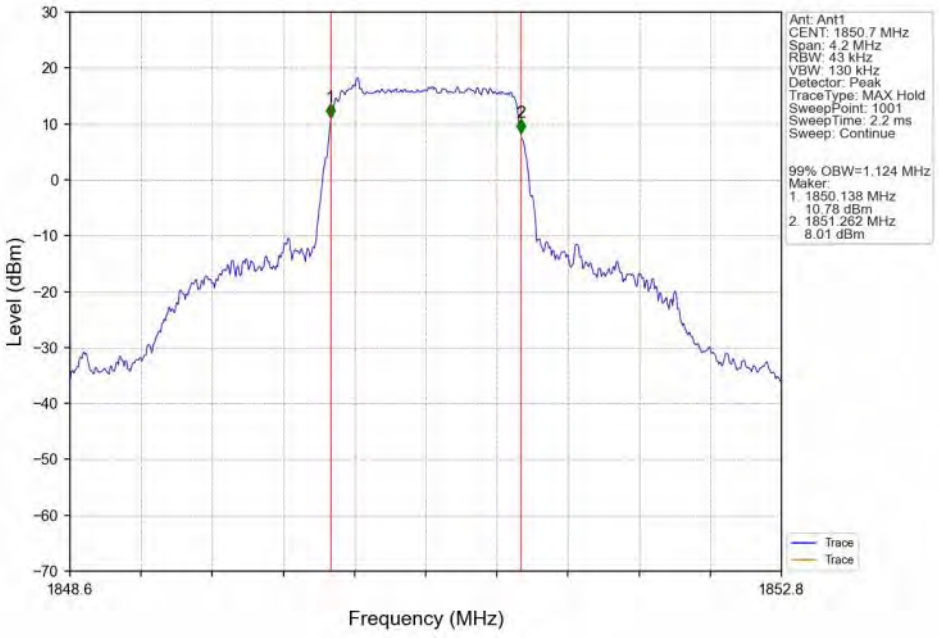
4.2.1 Band25_OBW

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV


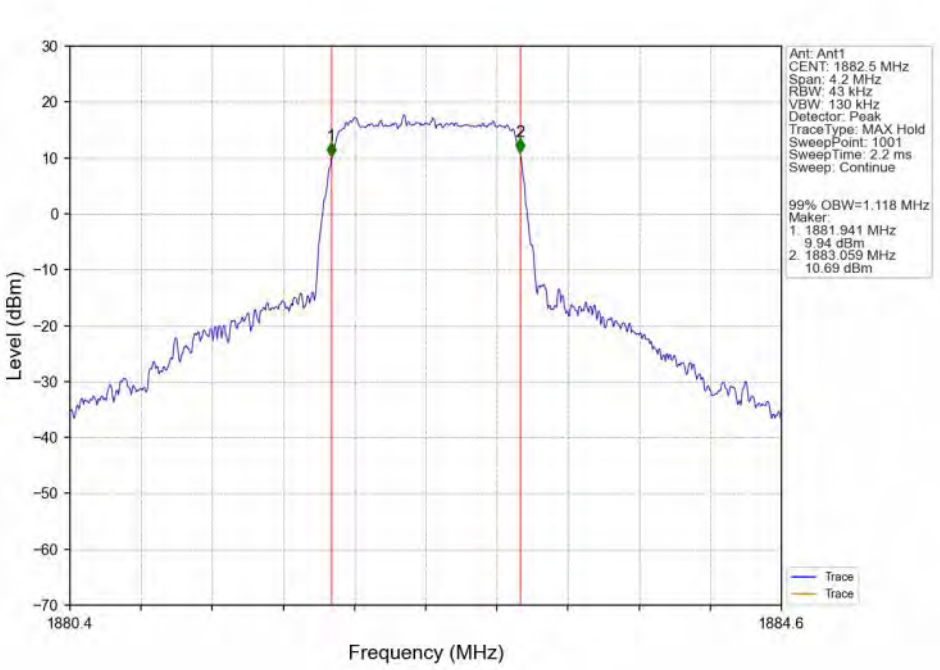
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



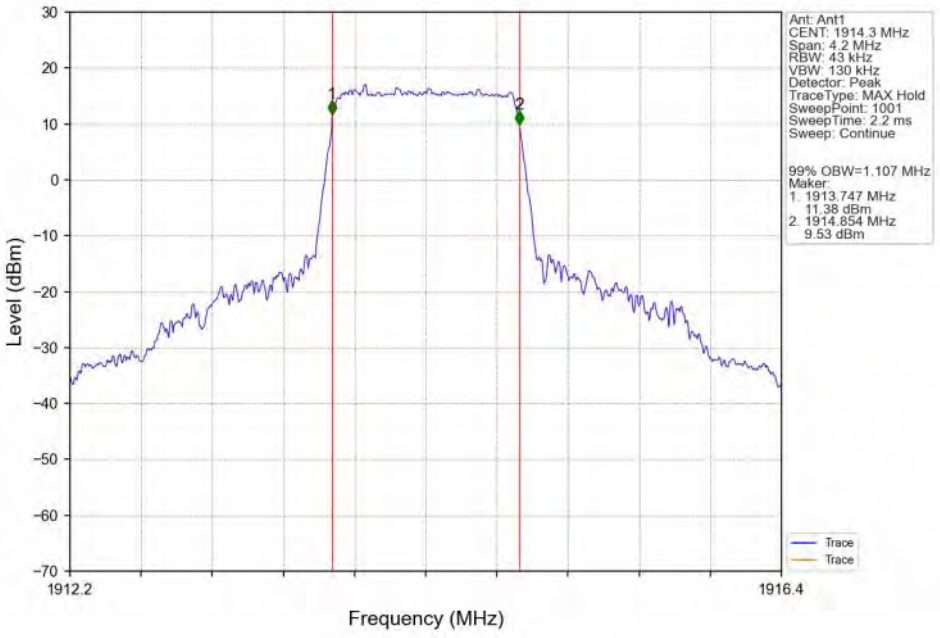
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



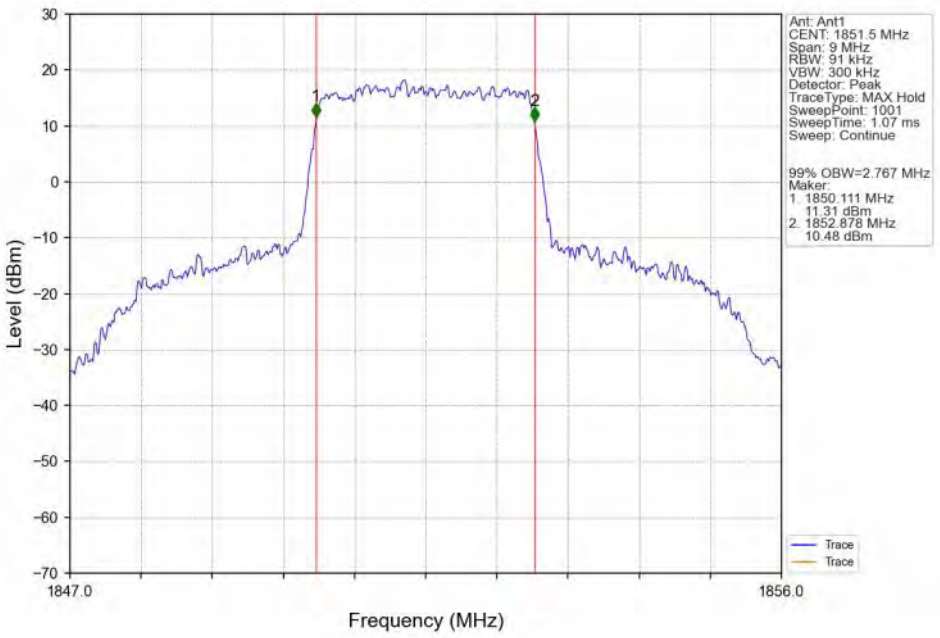
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



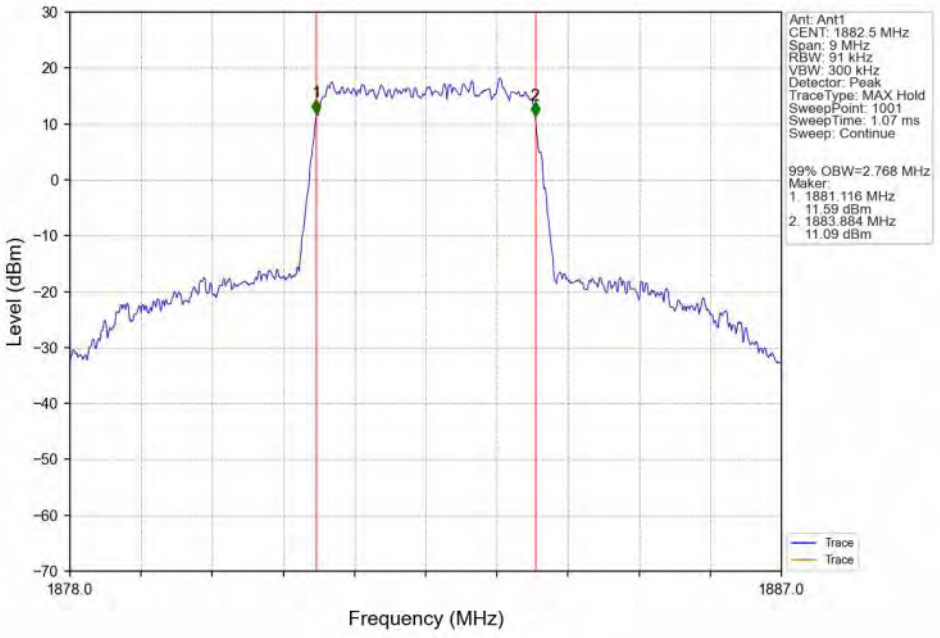
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



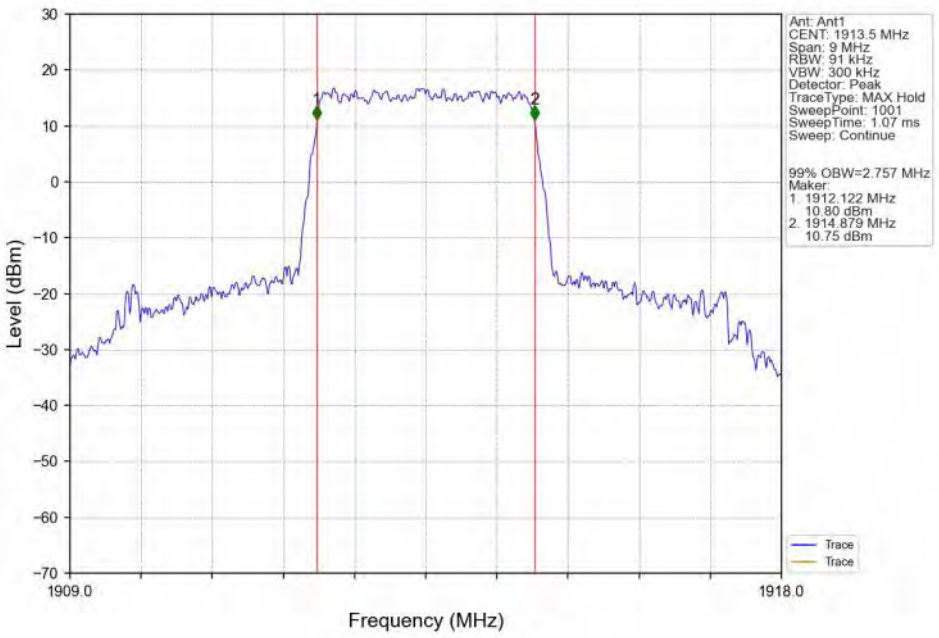
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



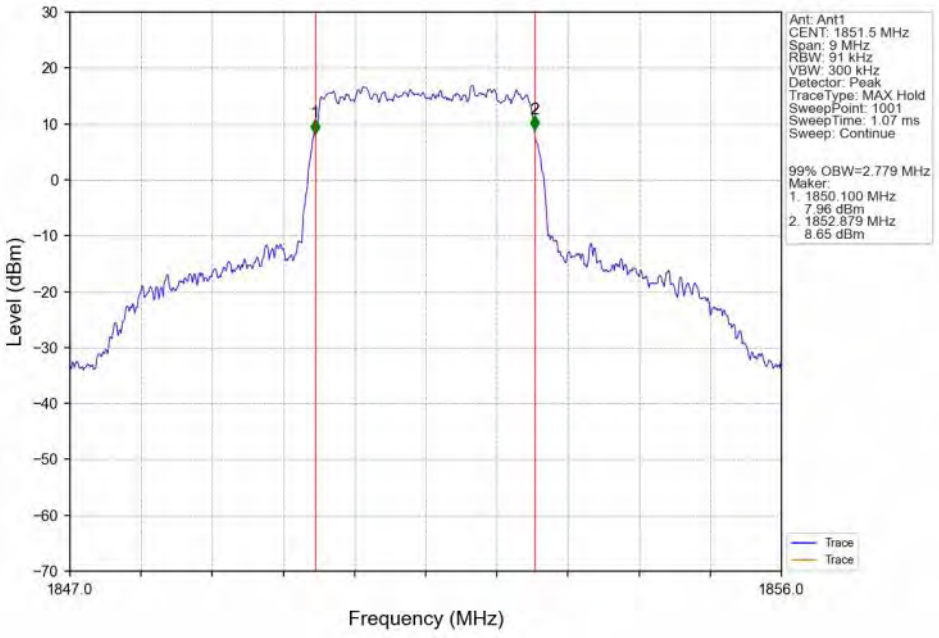
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



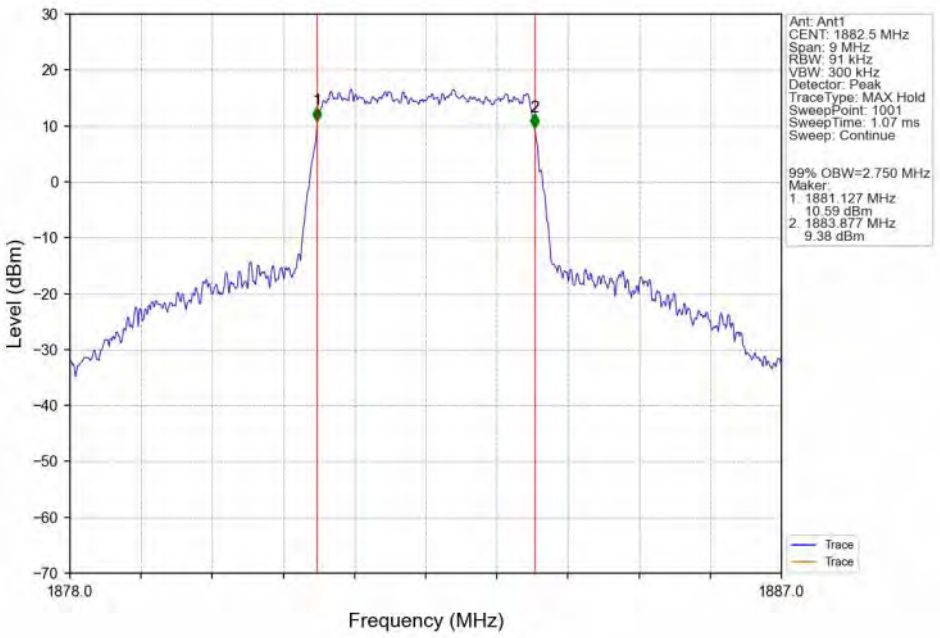
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



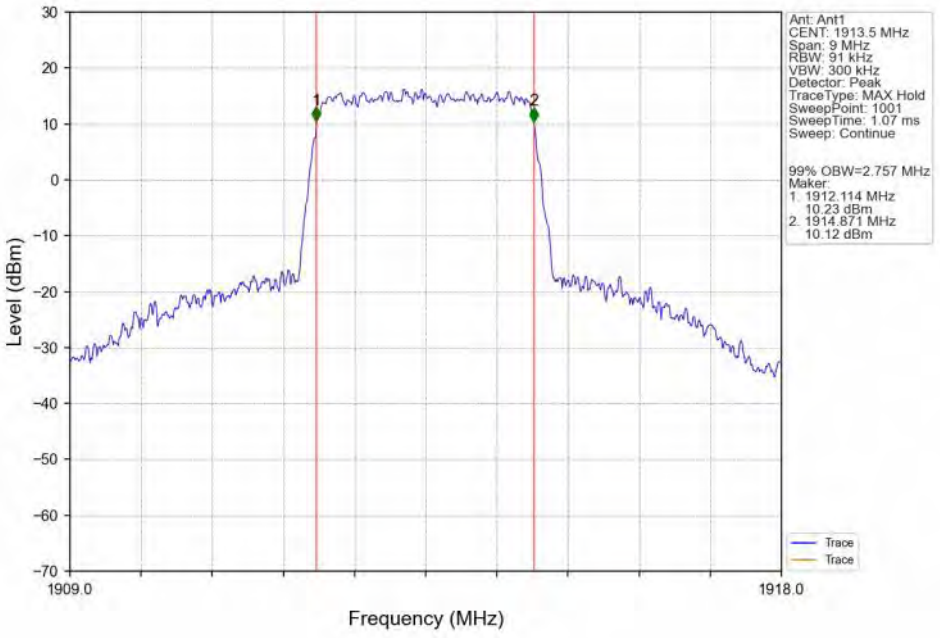
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



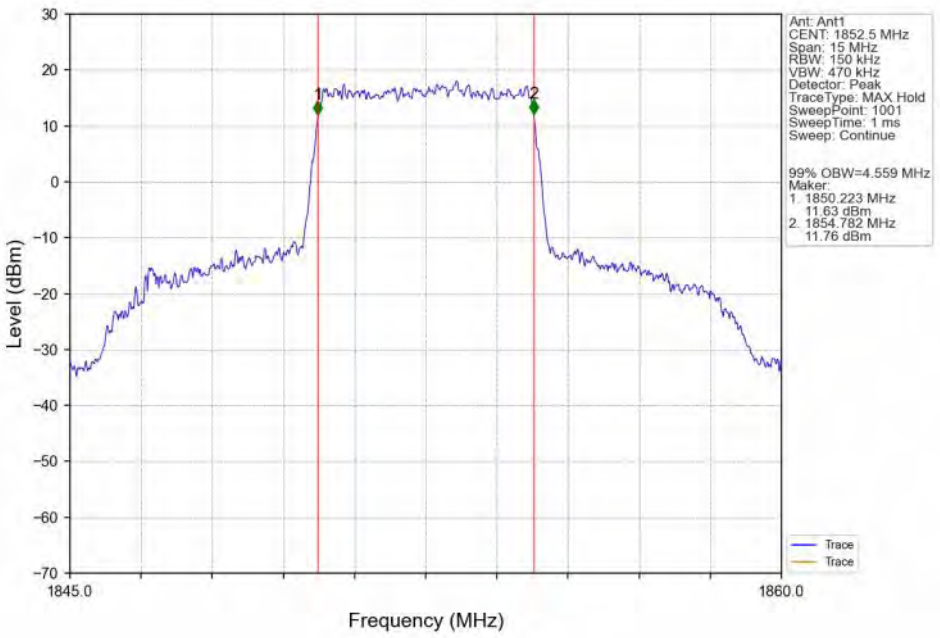
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



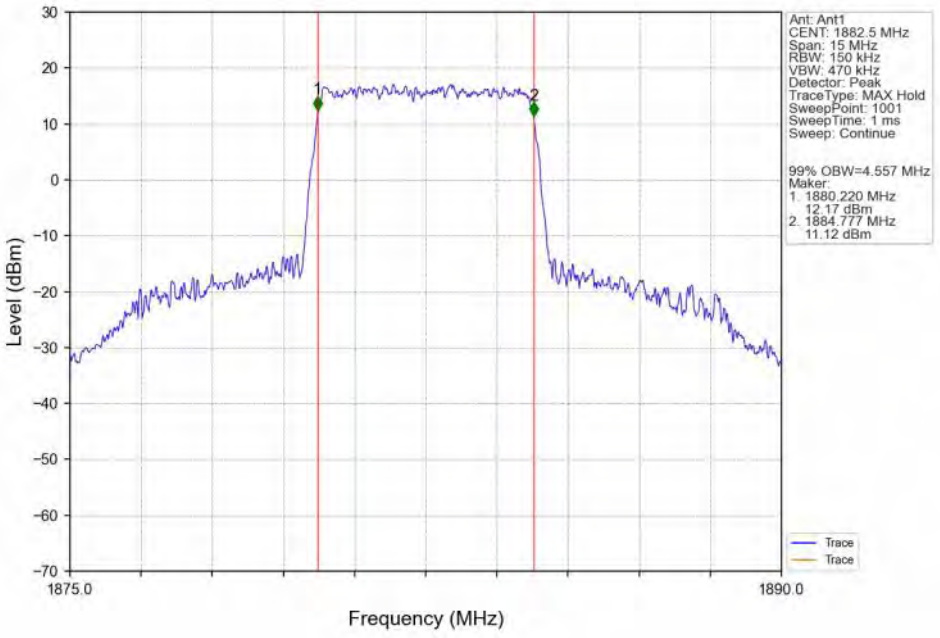
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



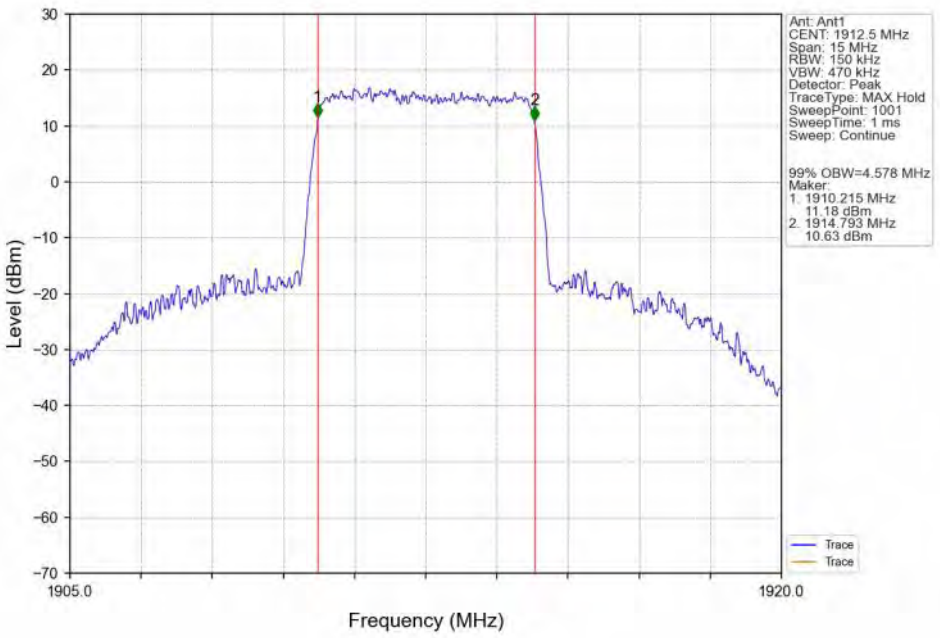
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



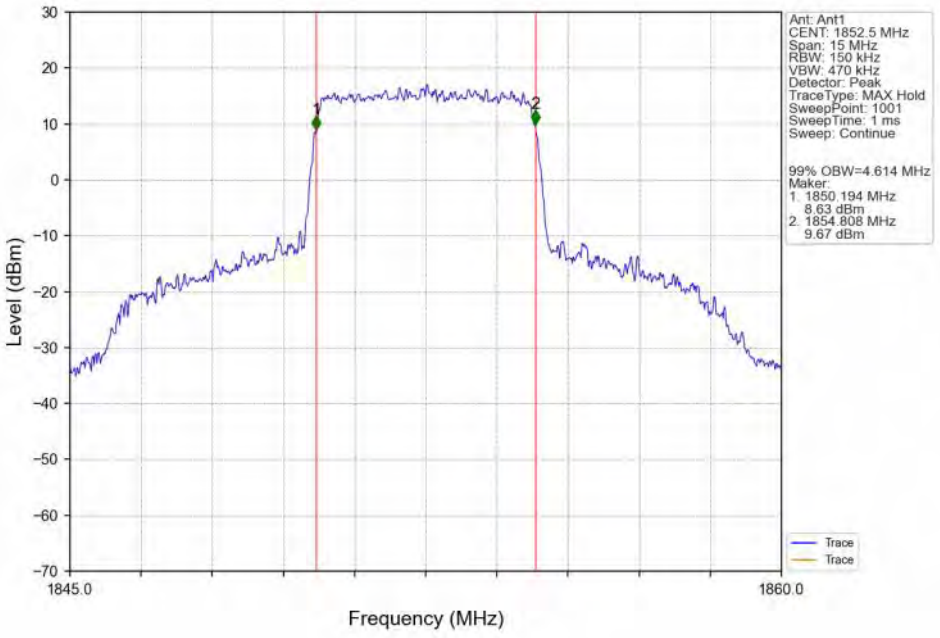
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



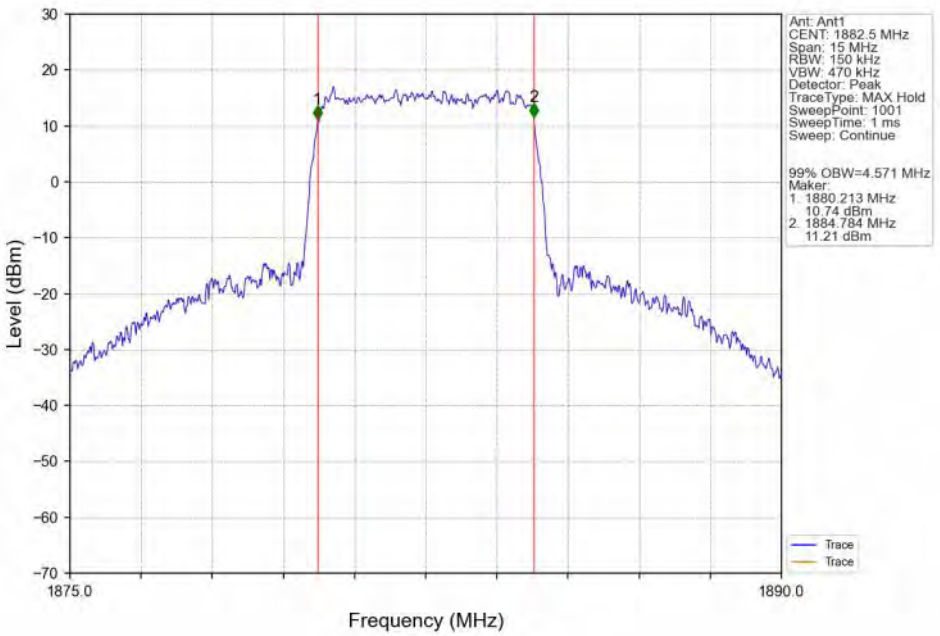
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



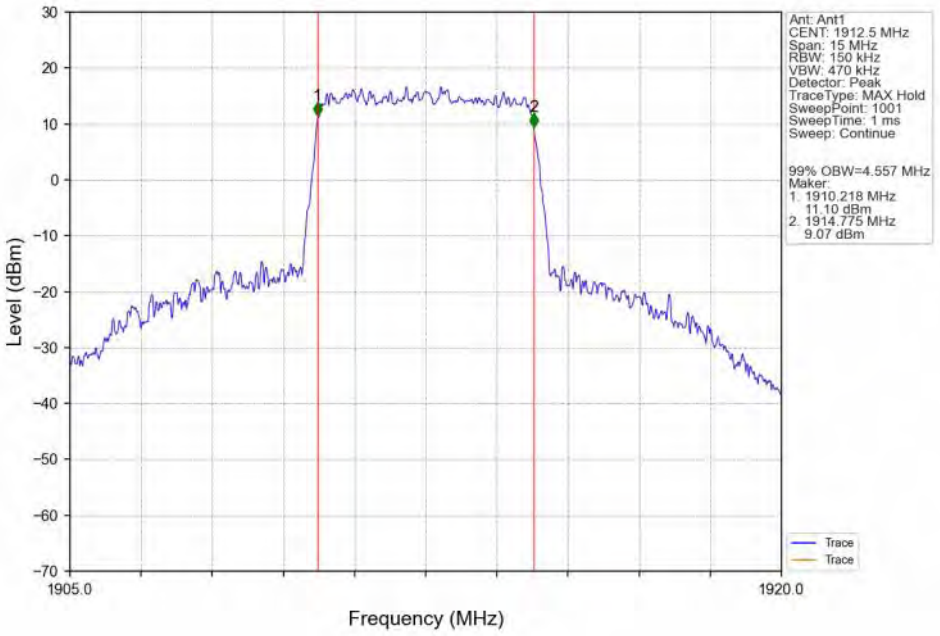
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



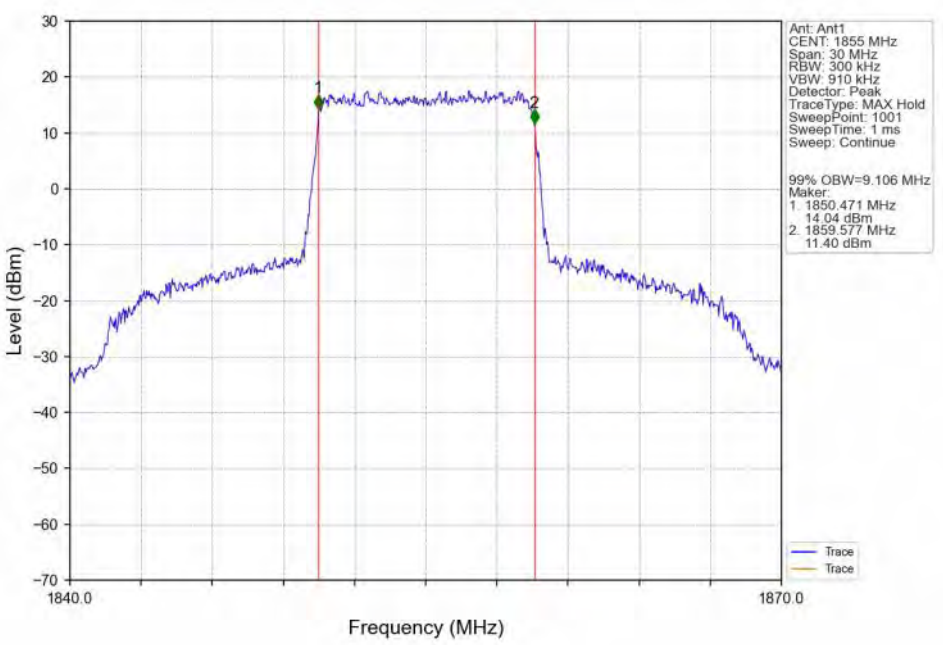
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



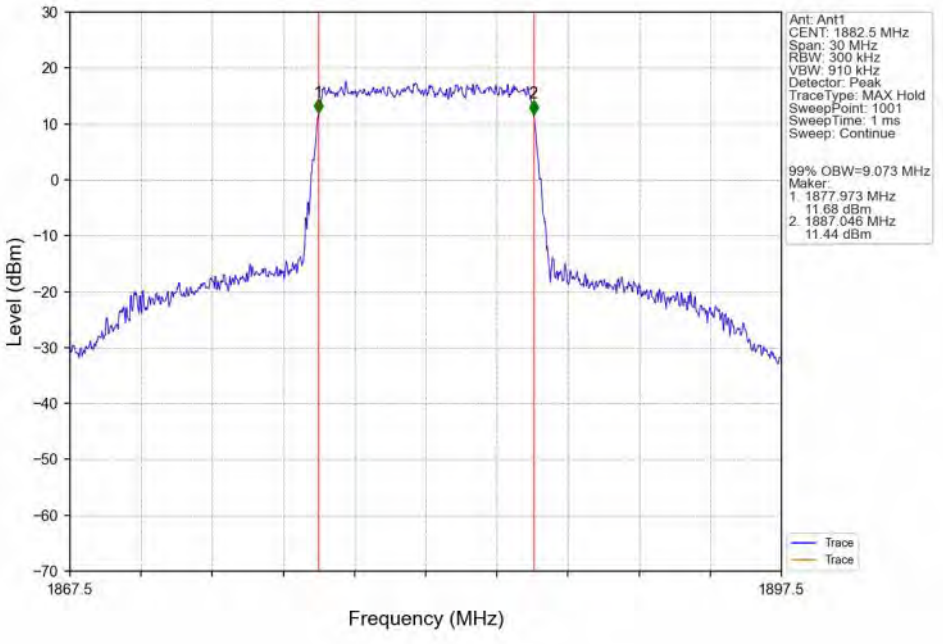
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



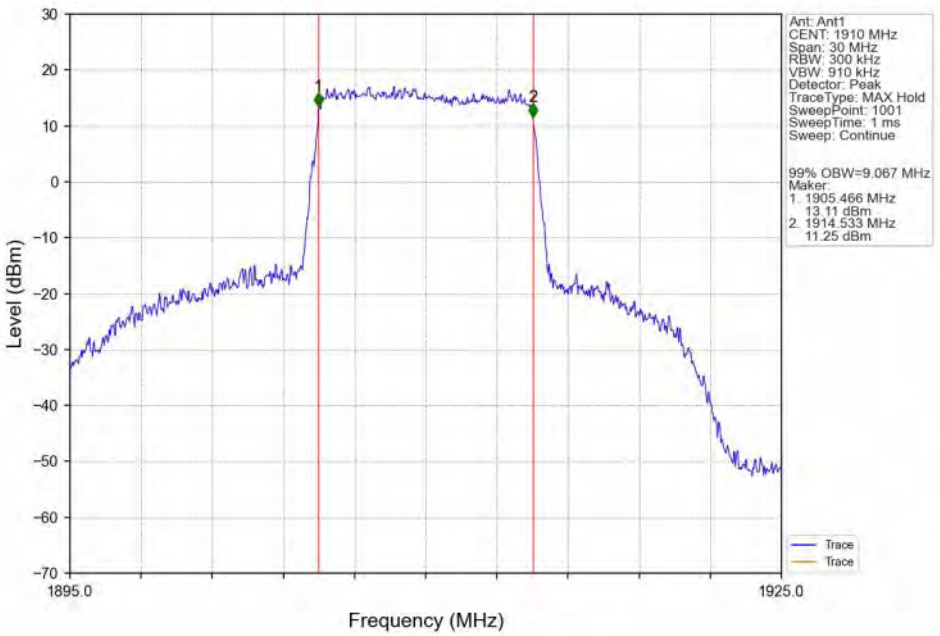
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



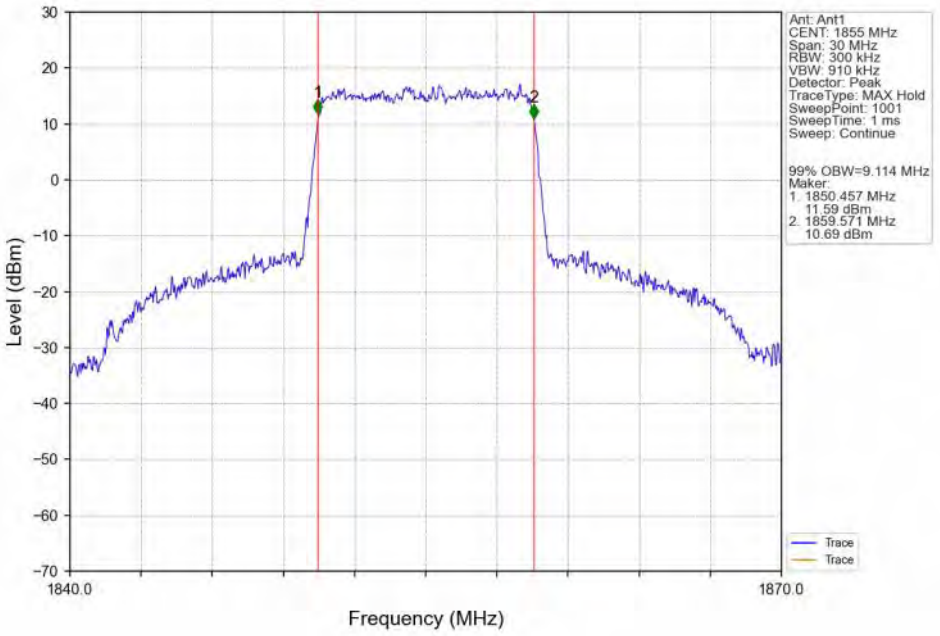
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



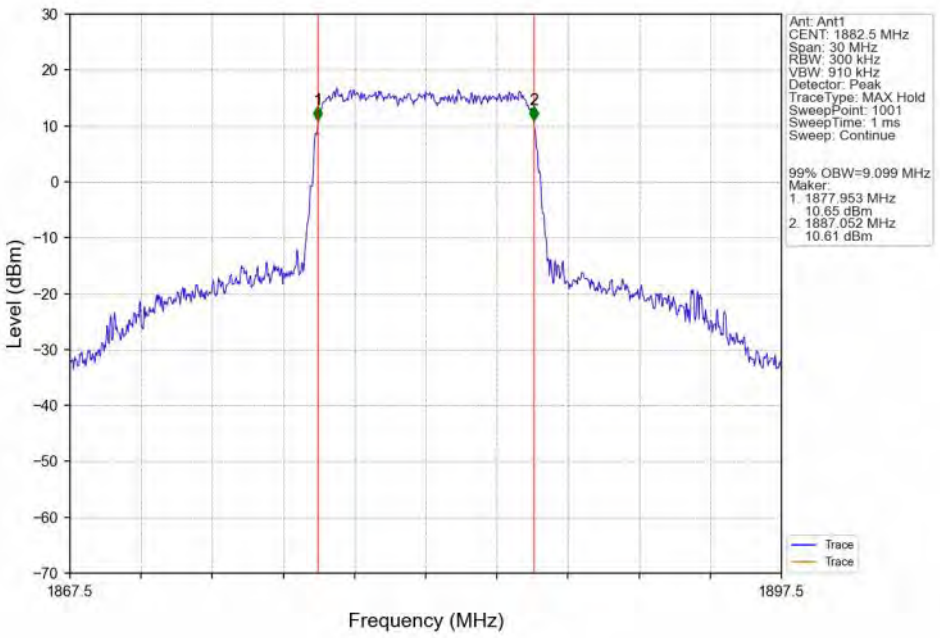
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



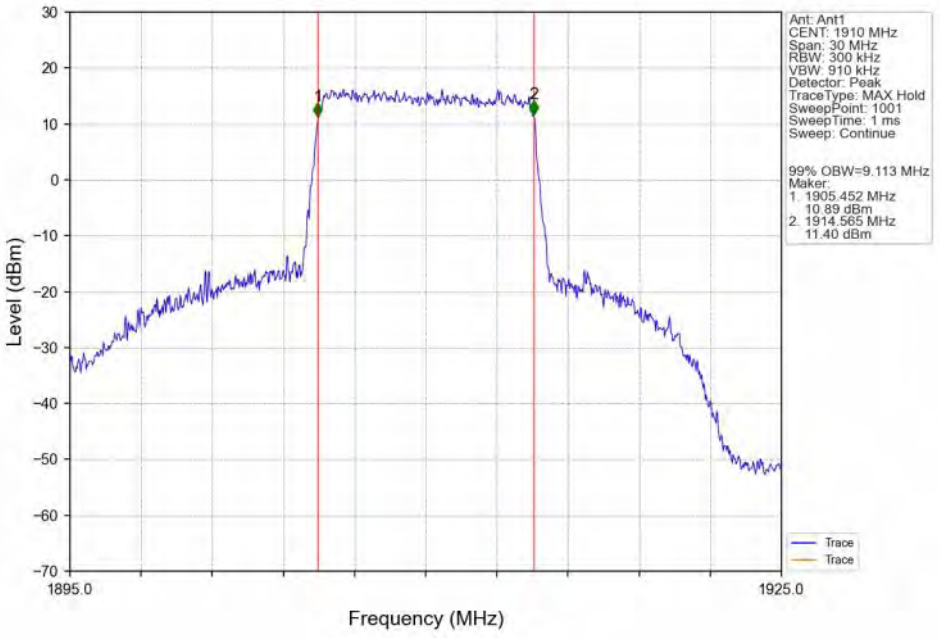
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



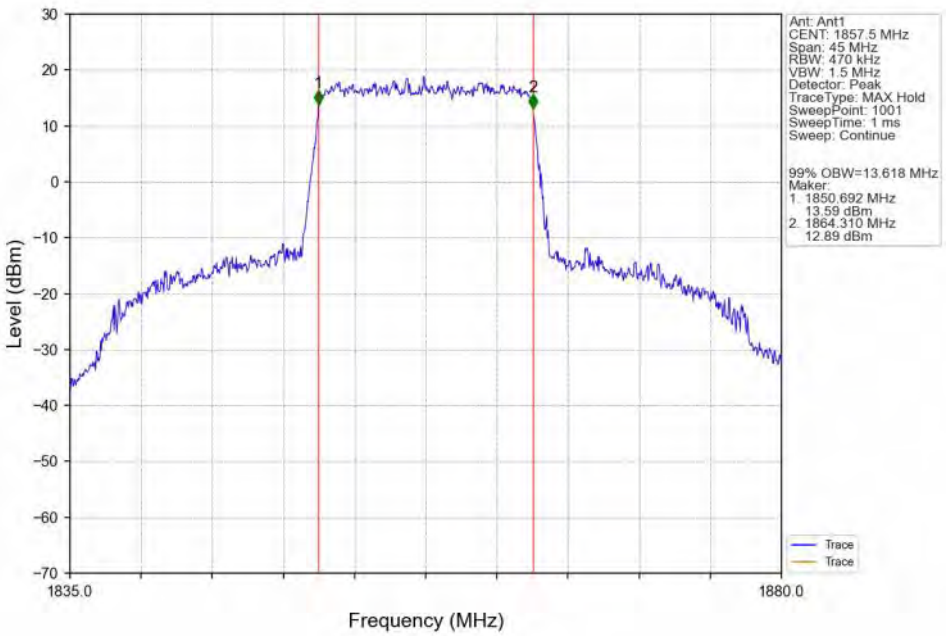
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



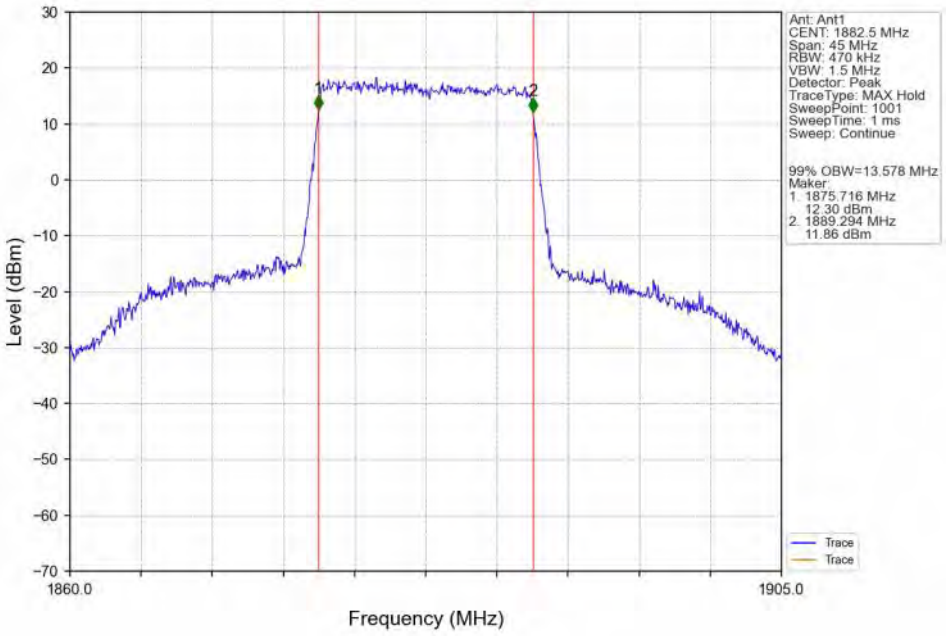
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



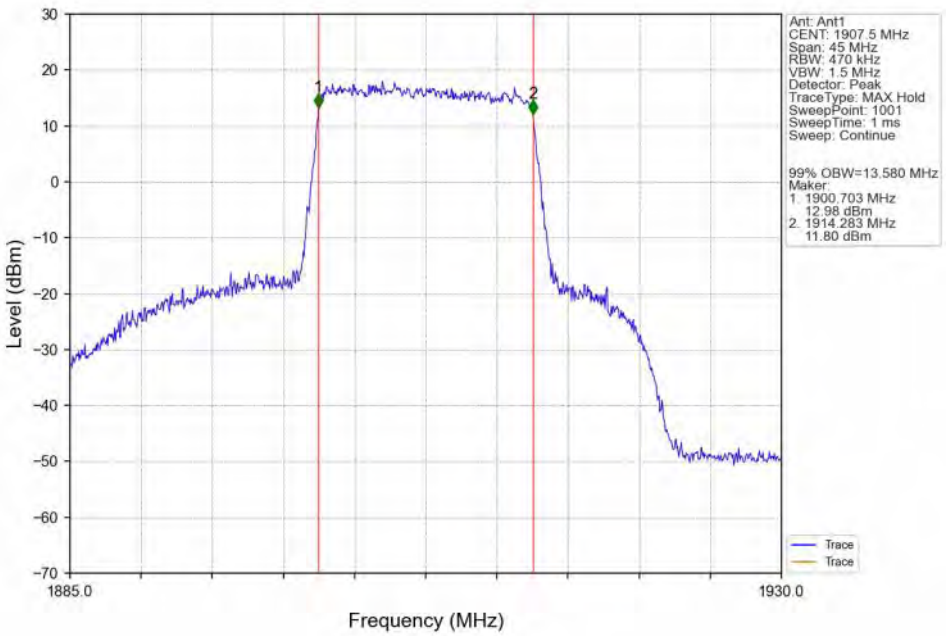
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



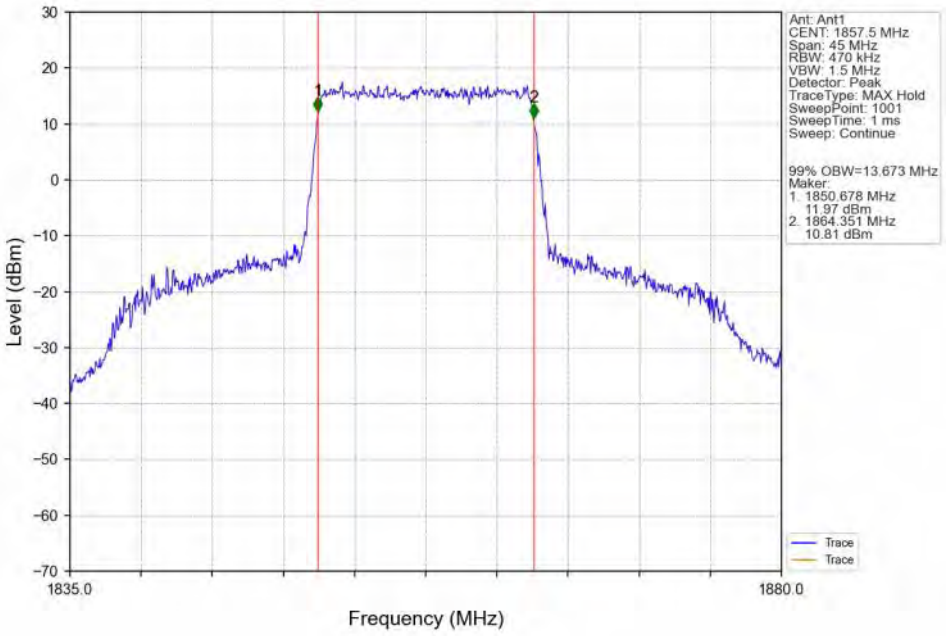
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



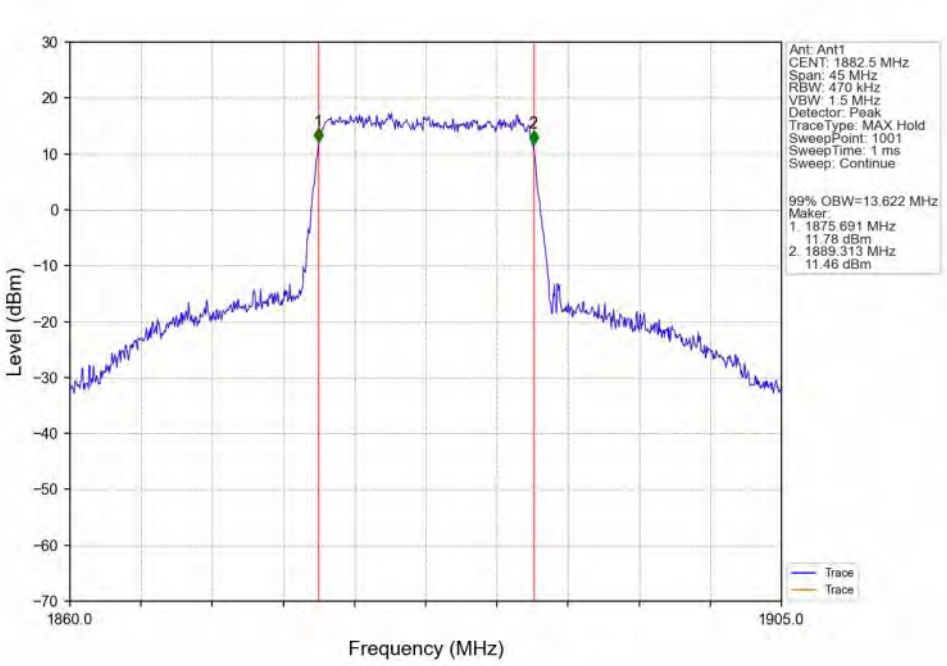
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



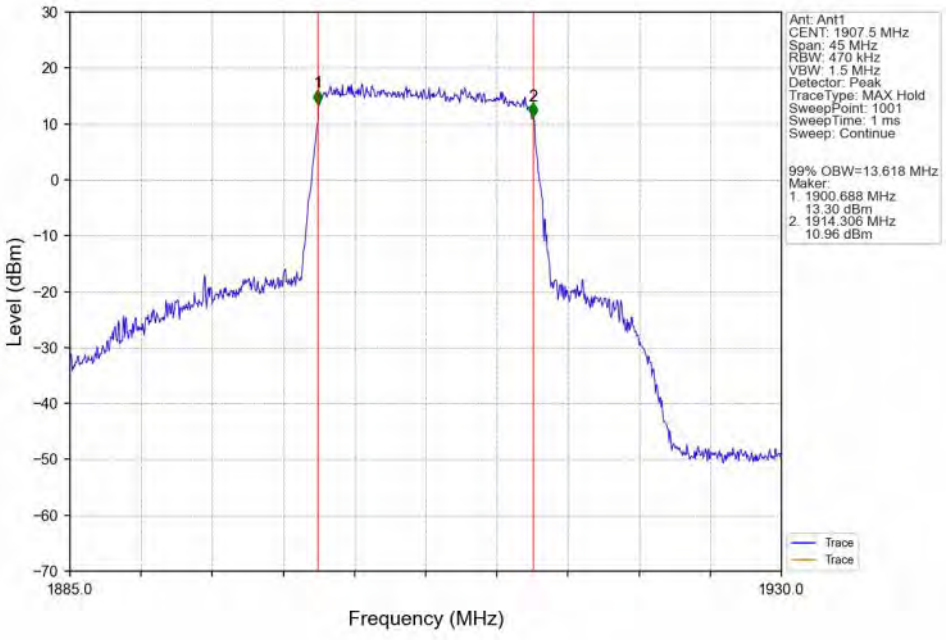
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



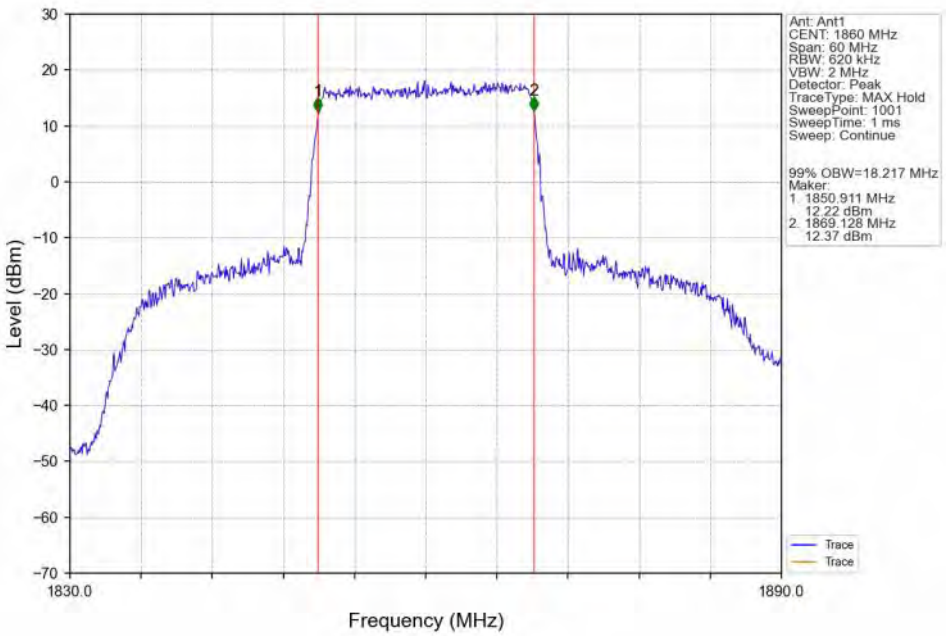
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



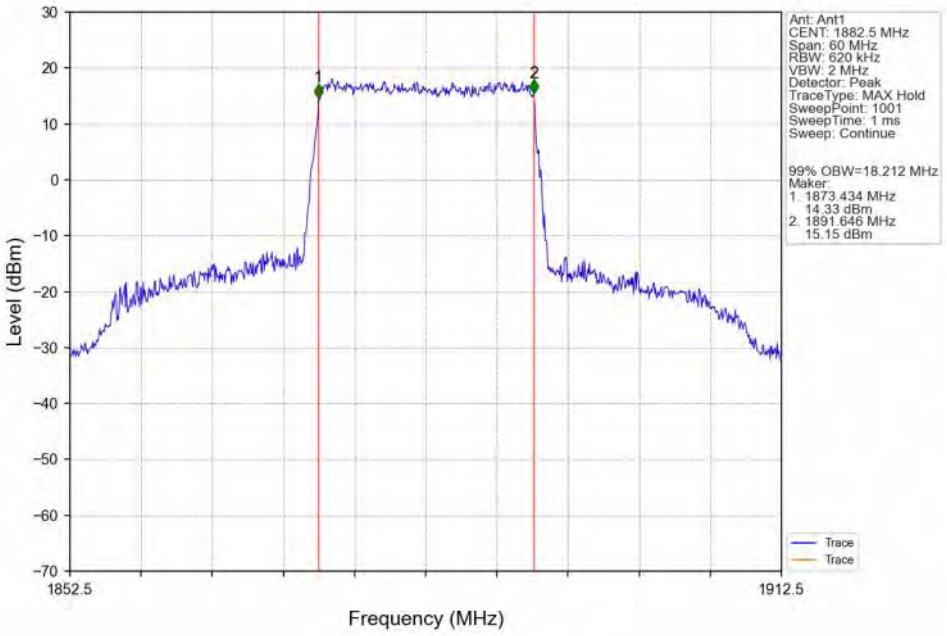
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



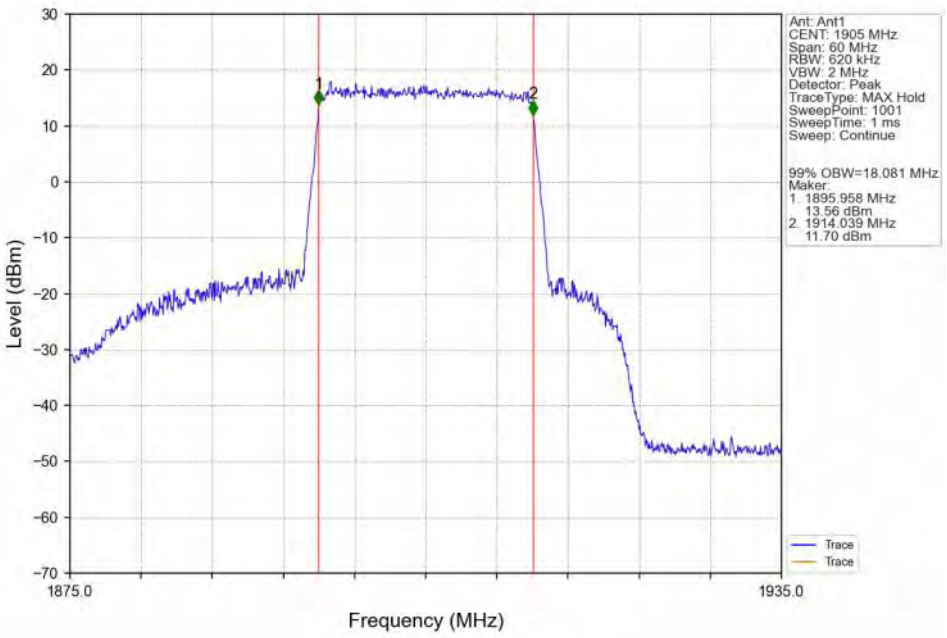
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



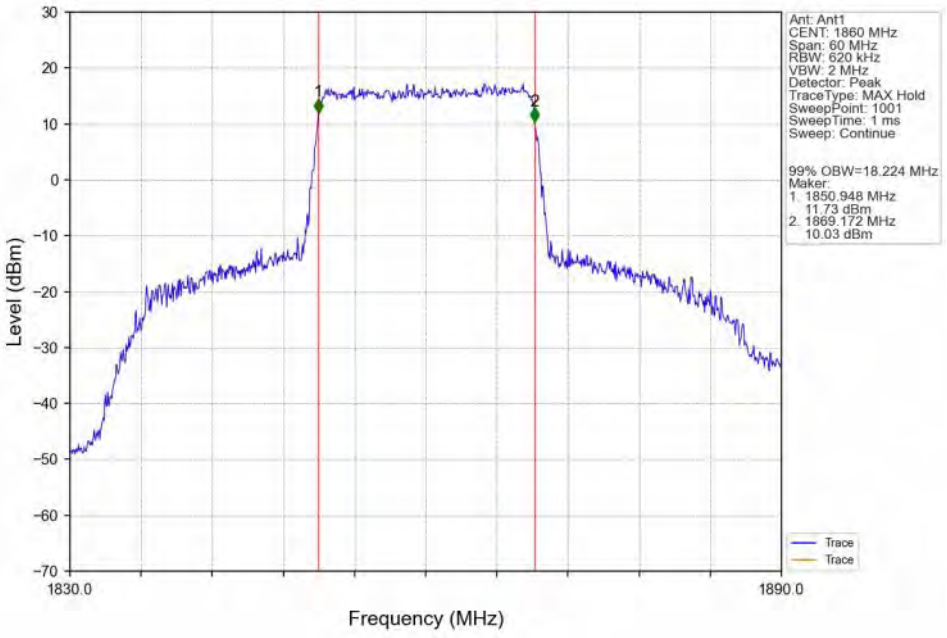
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



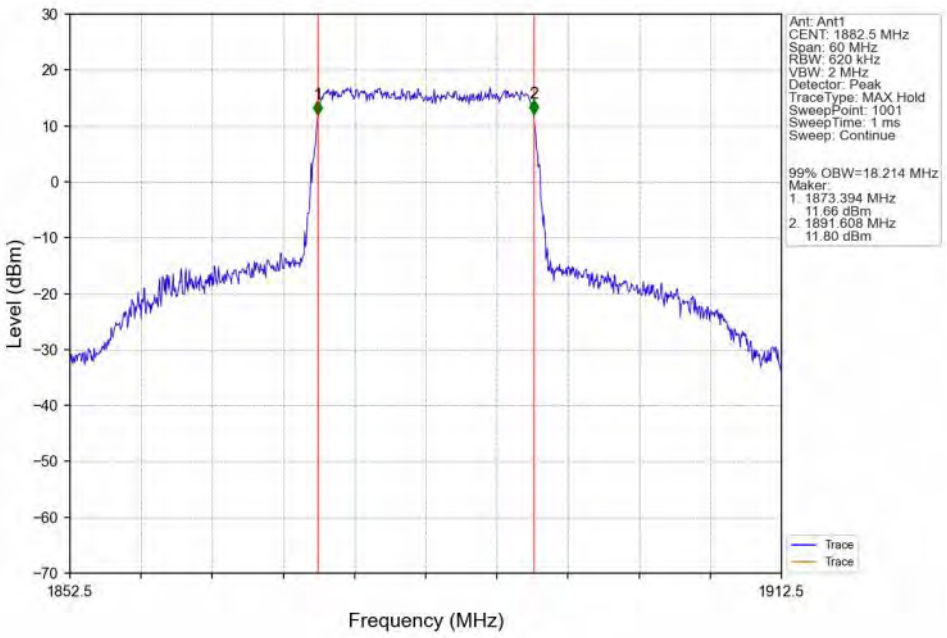
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



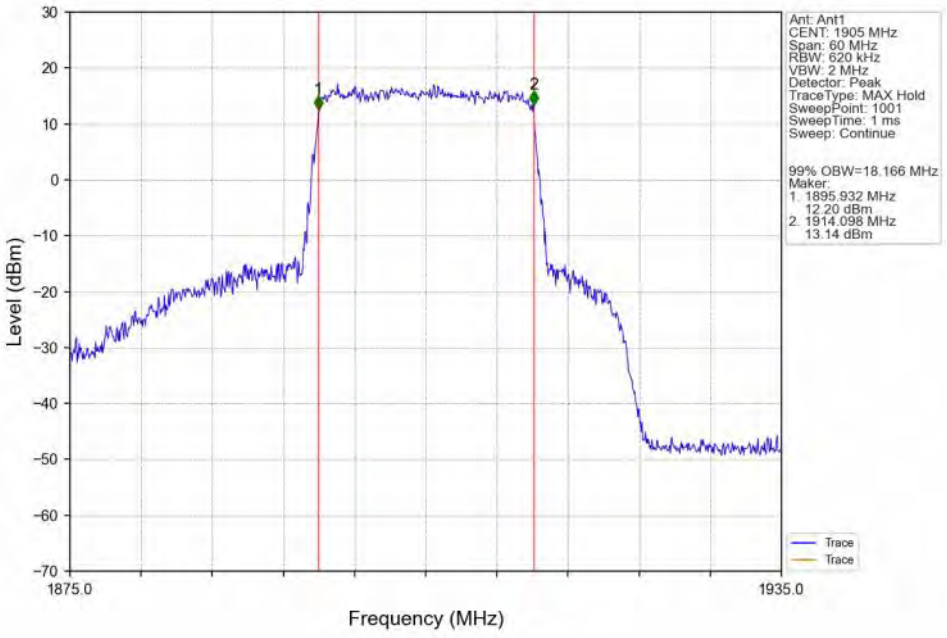
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



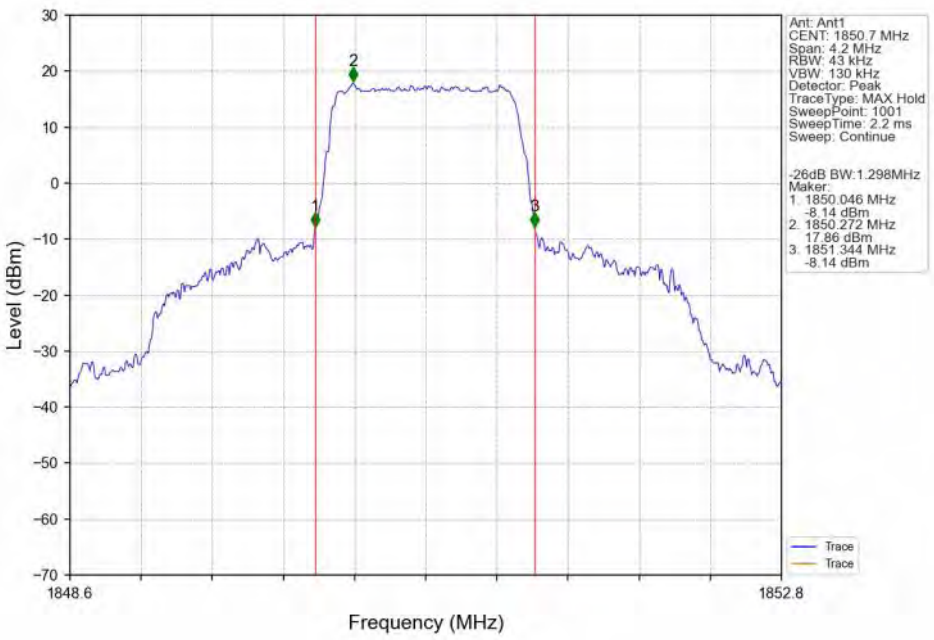
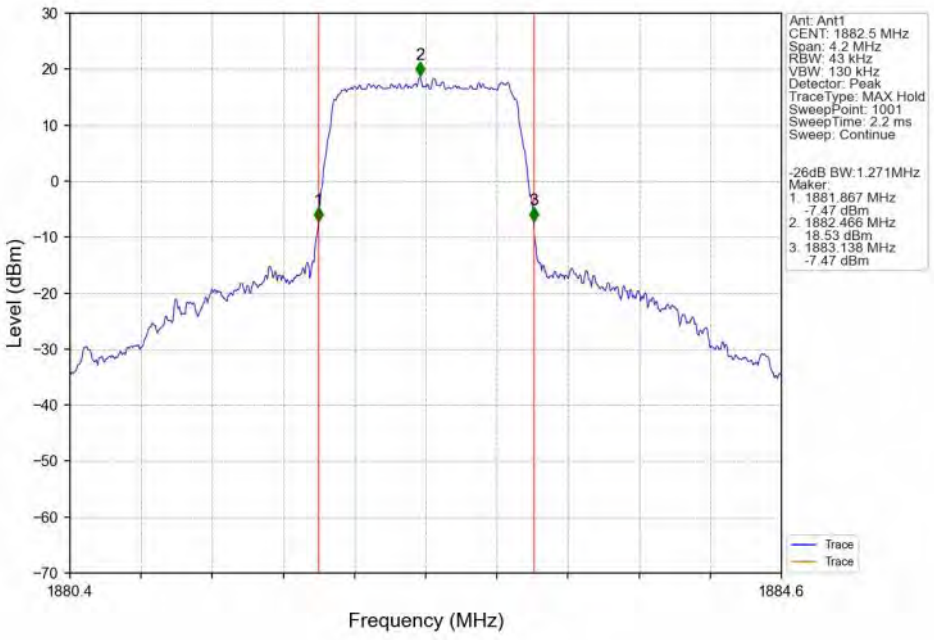
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



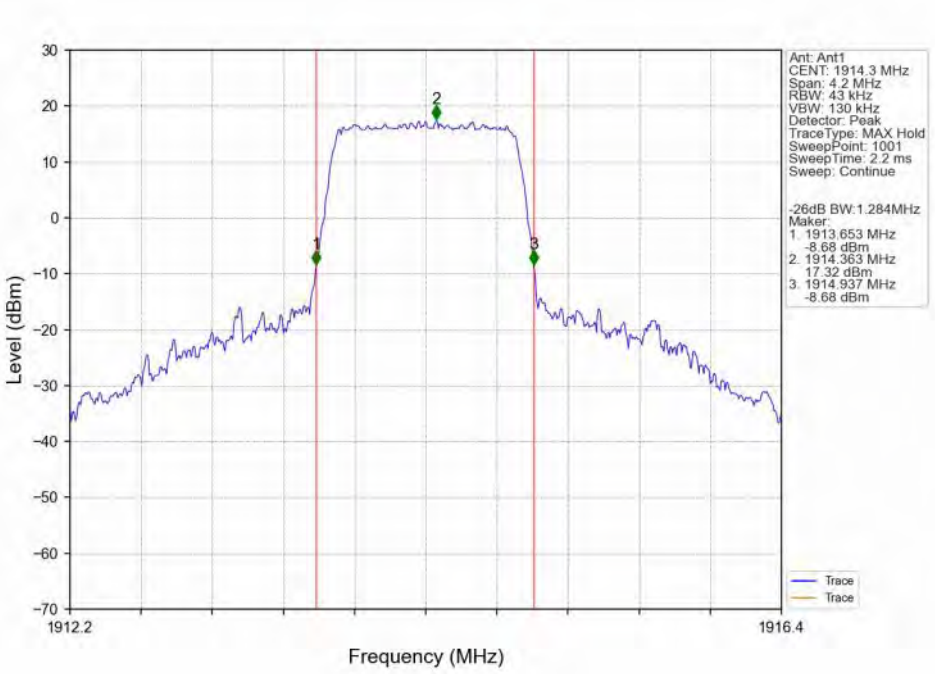
Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



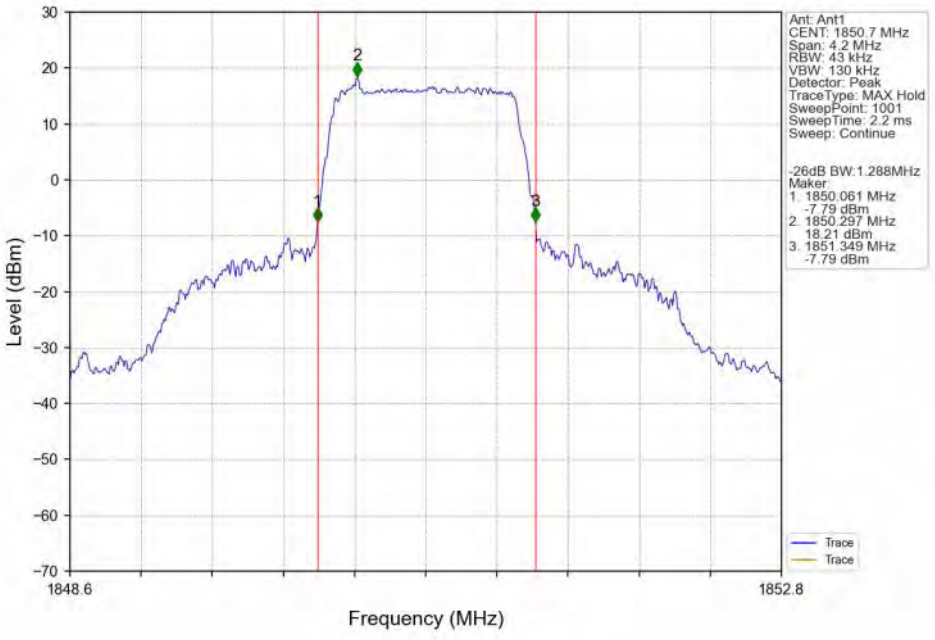
4.2.2 Band25_XDB

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV


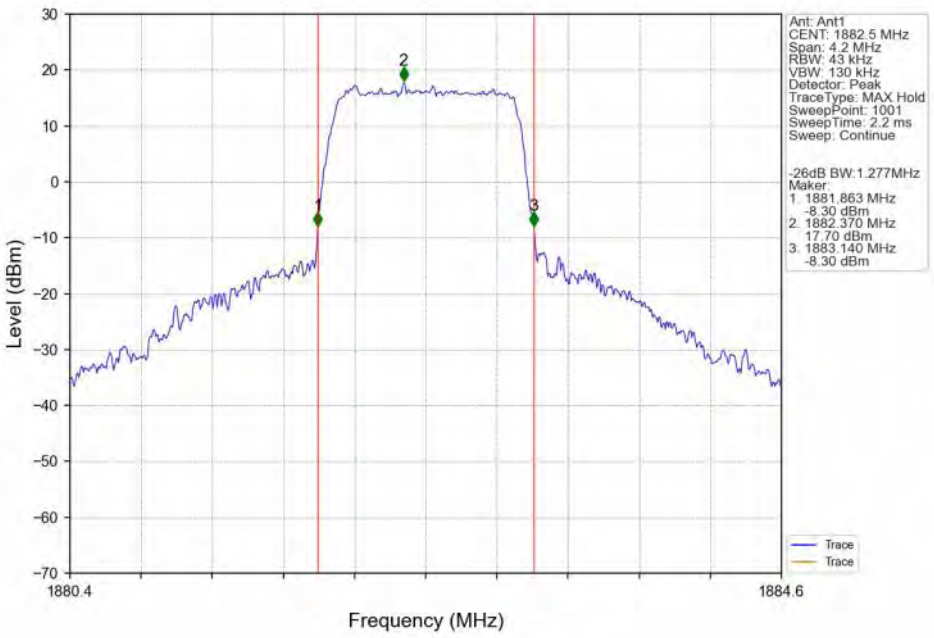
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



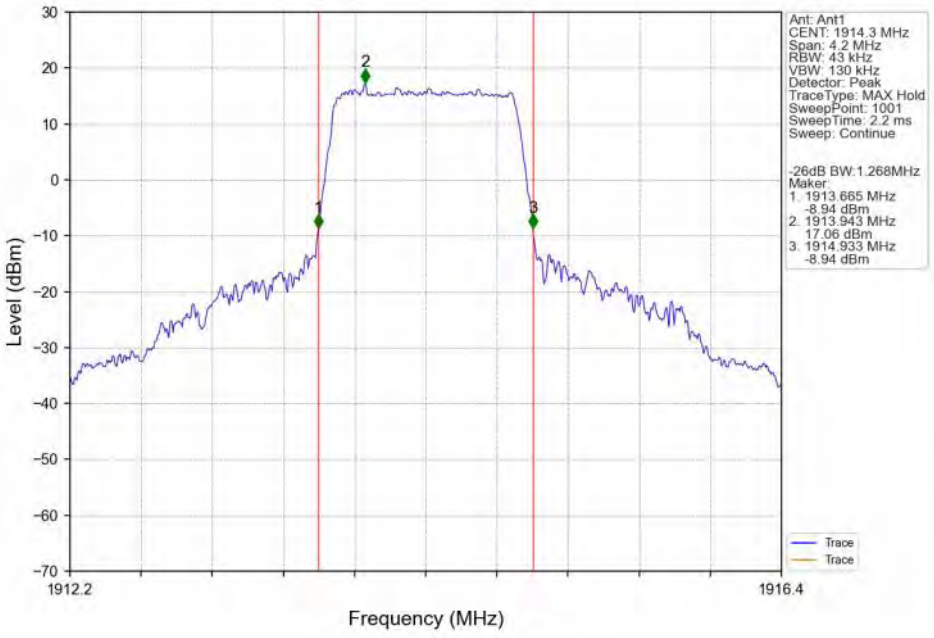
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



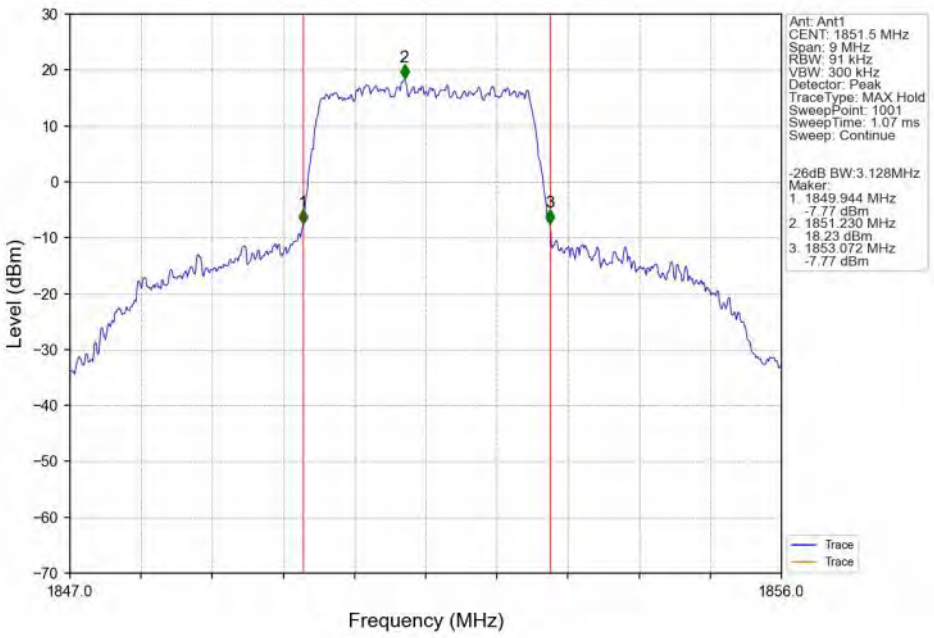
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



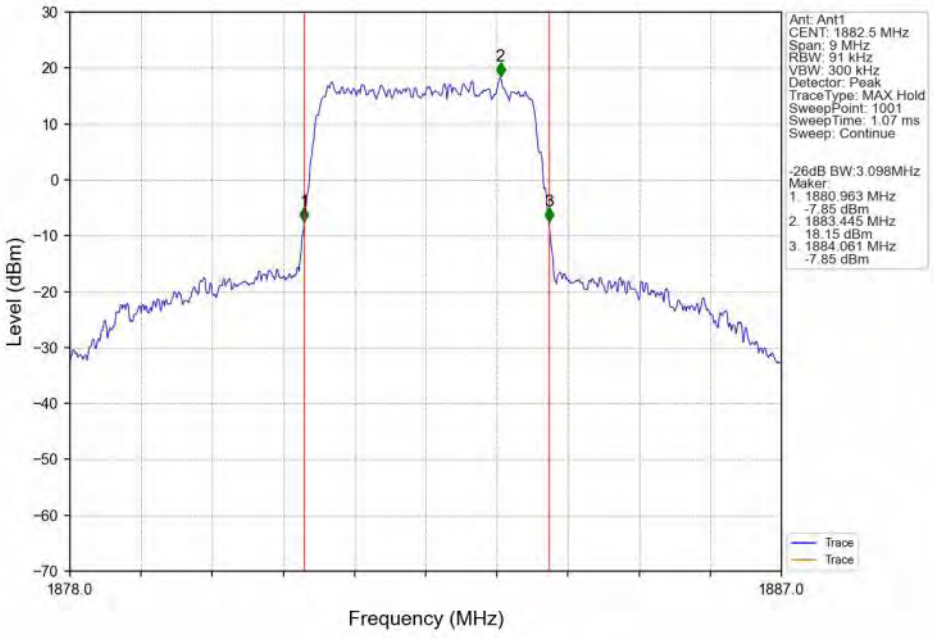
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



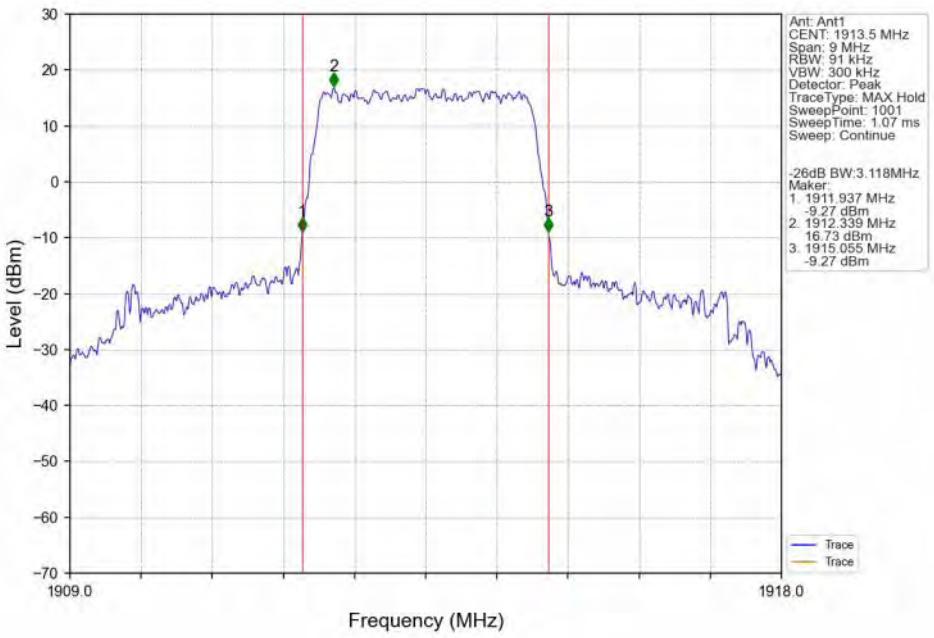
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



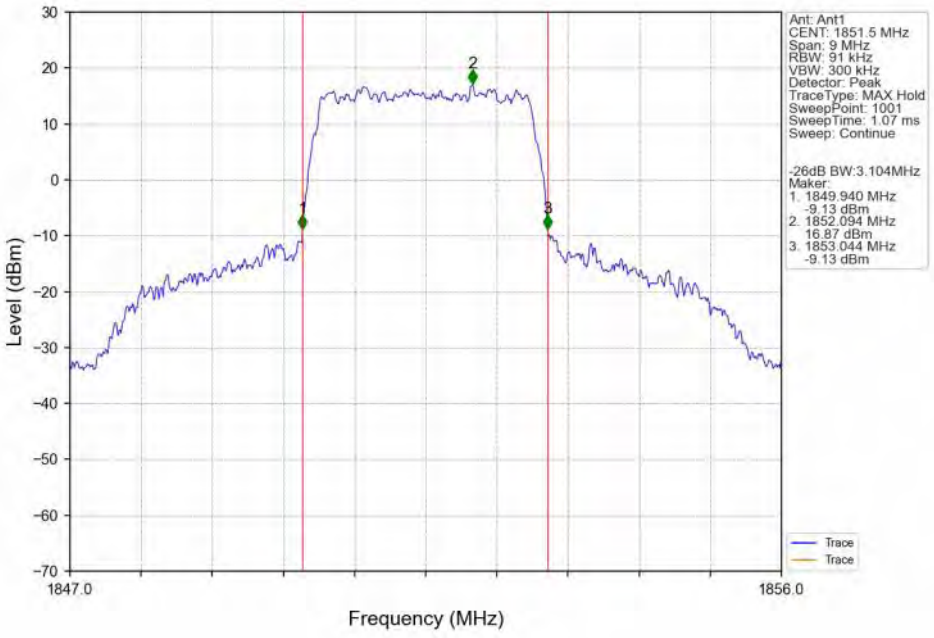
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



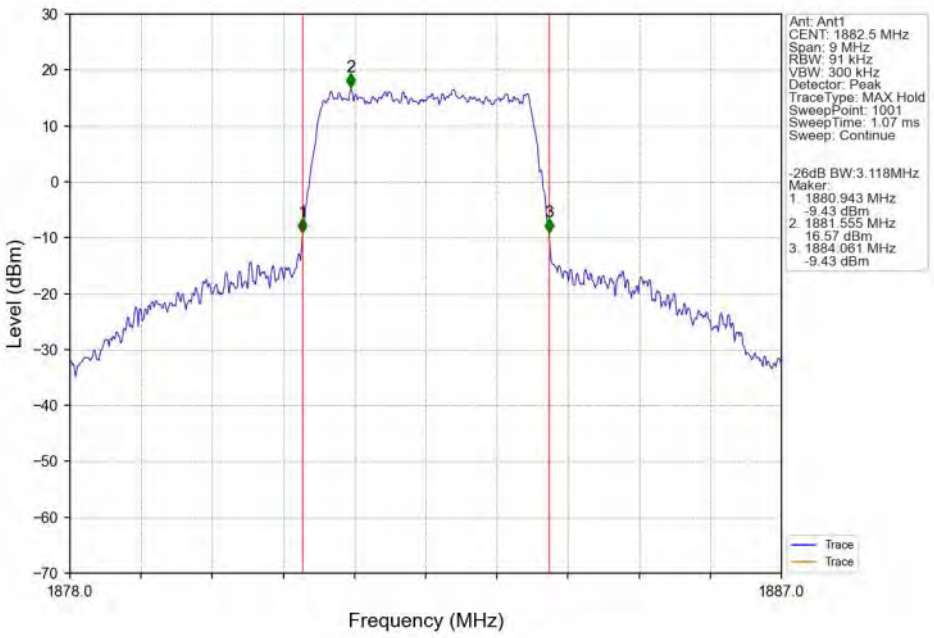
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



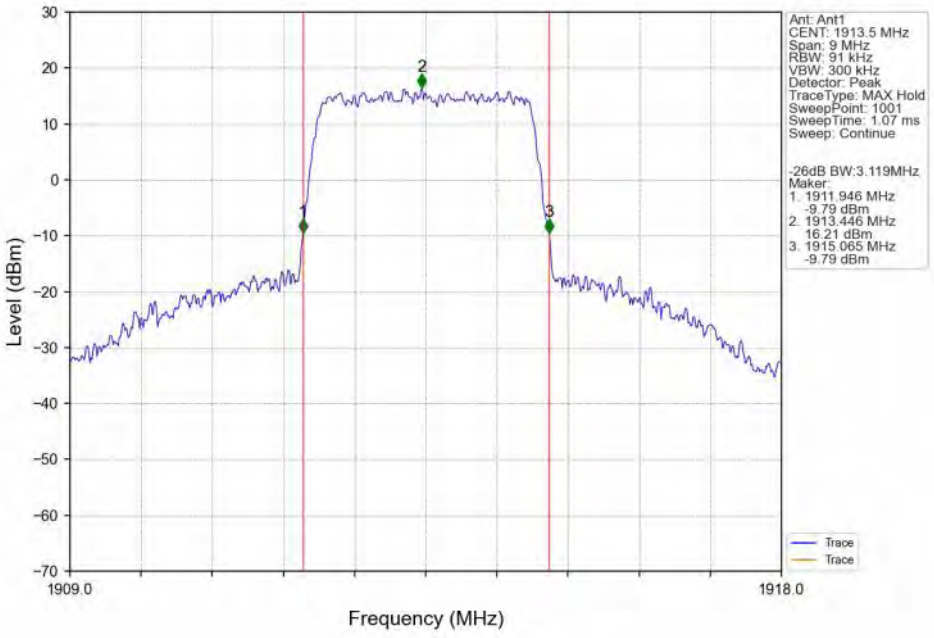
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



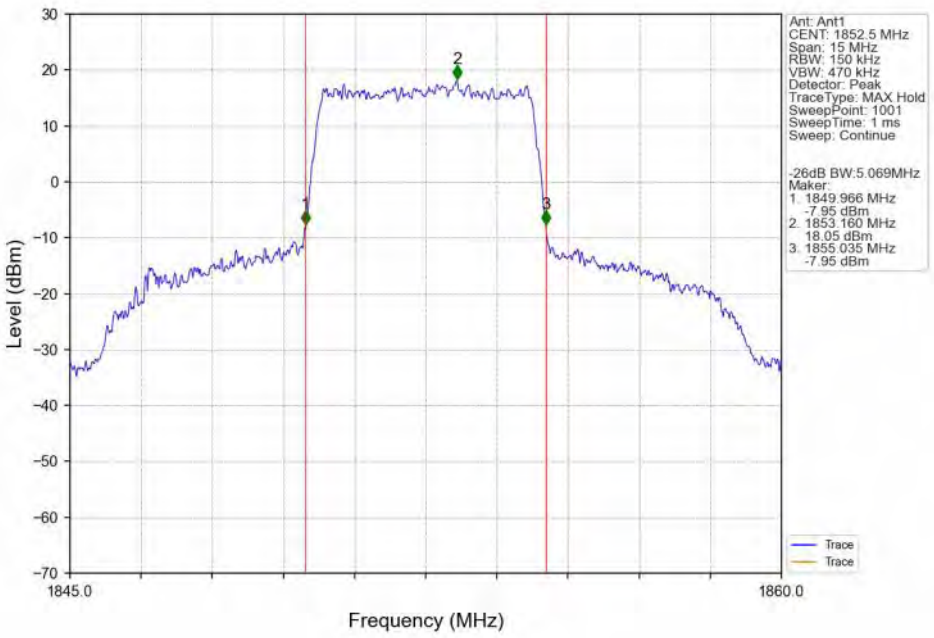
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



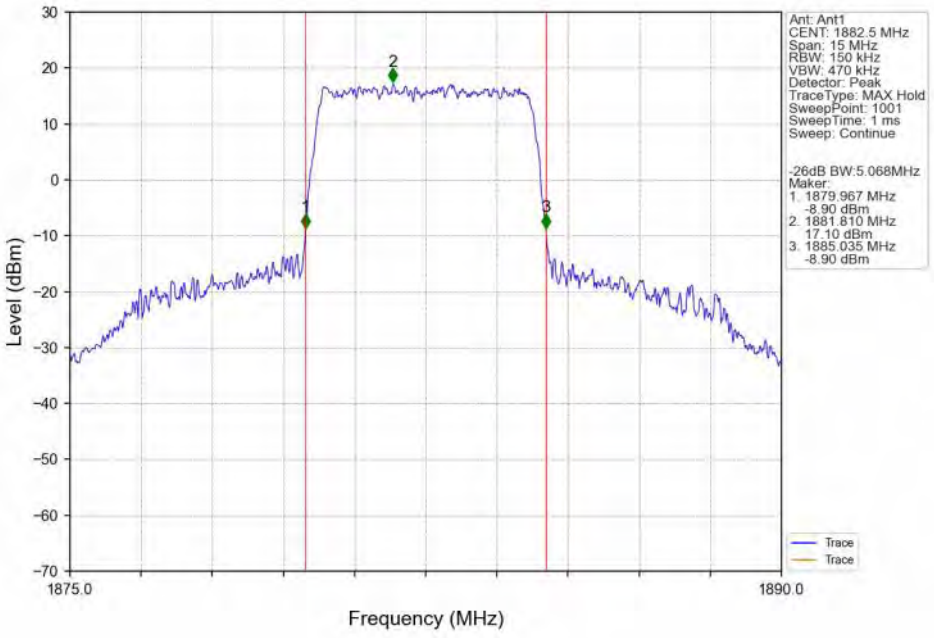
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

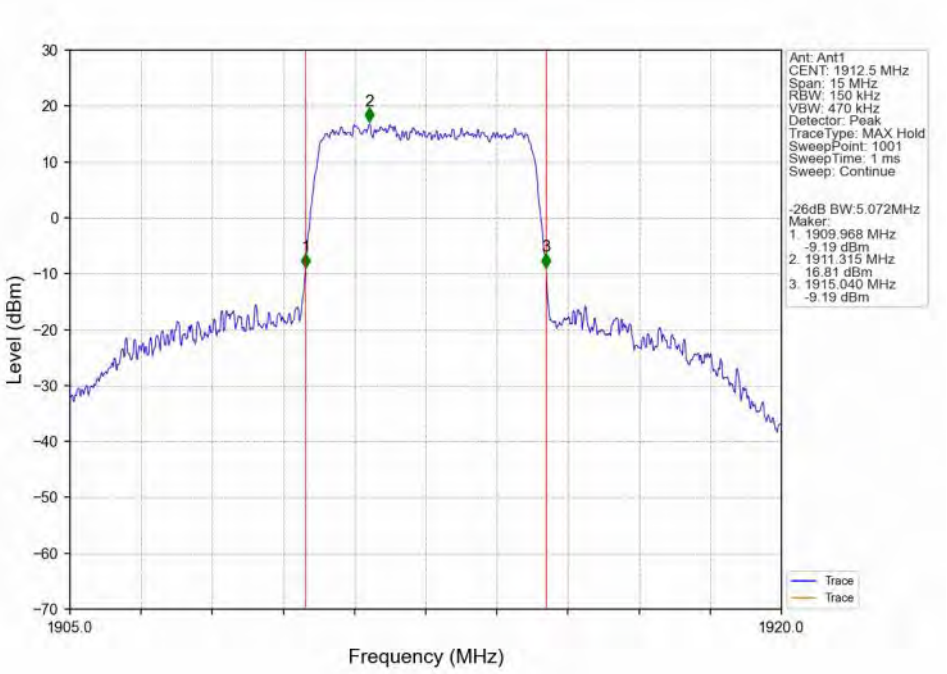


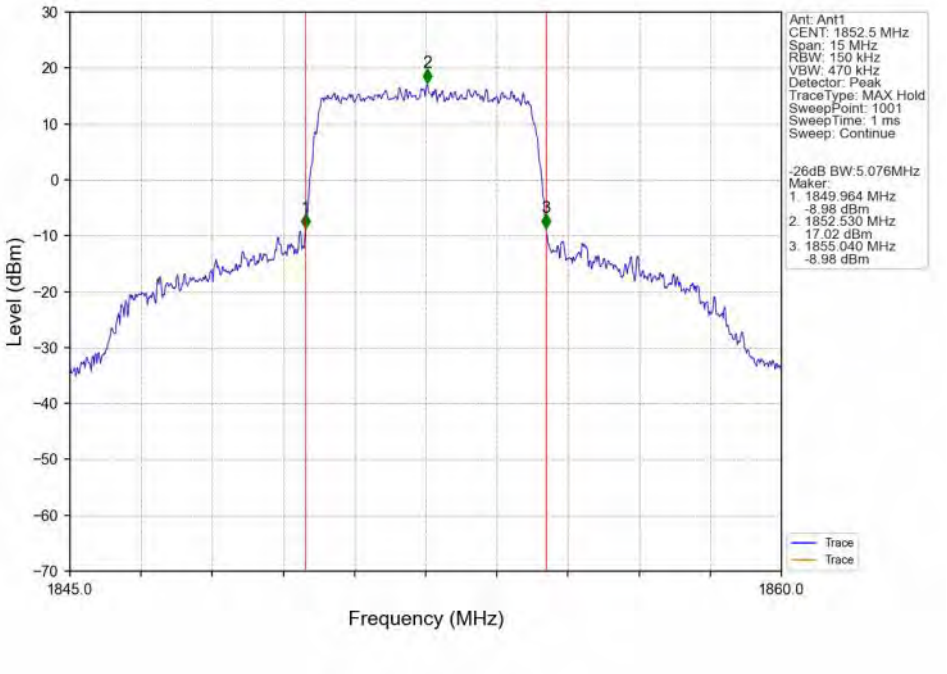
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



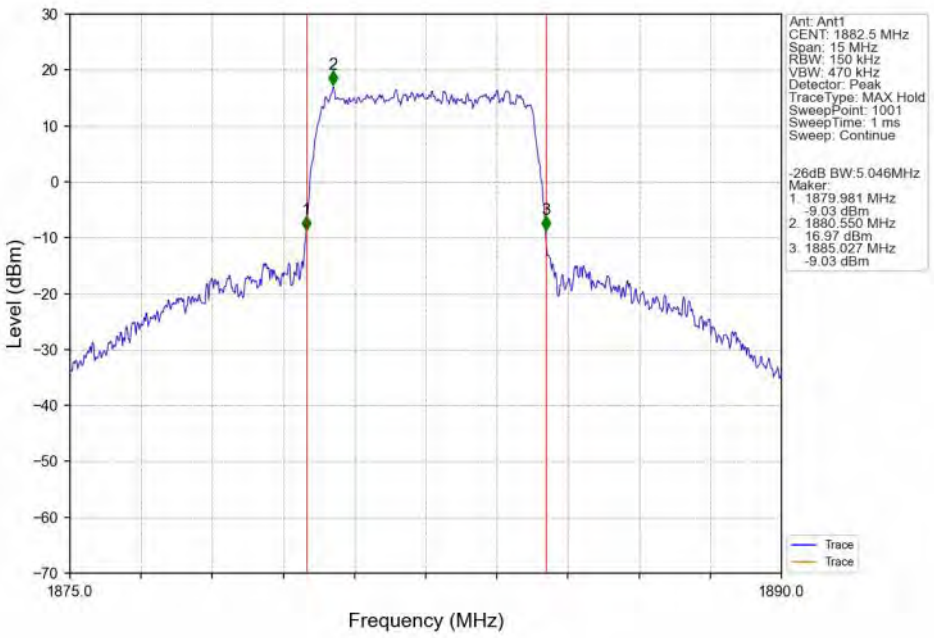
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



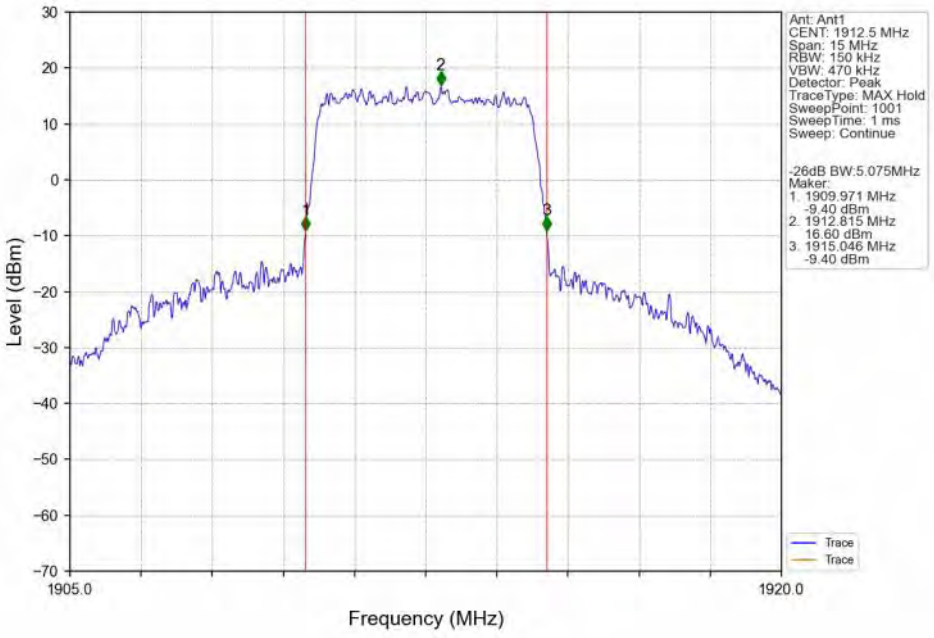
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV


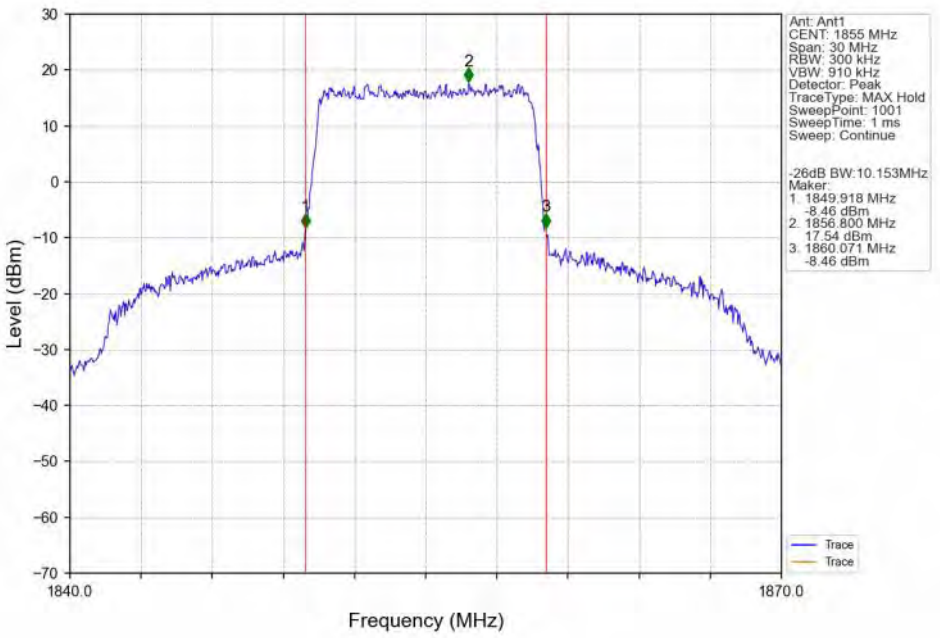
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



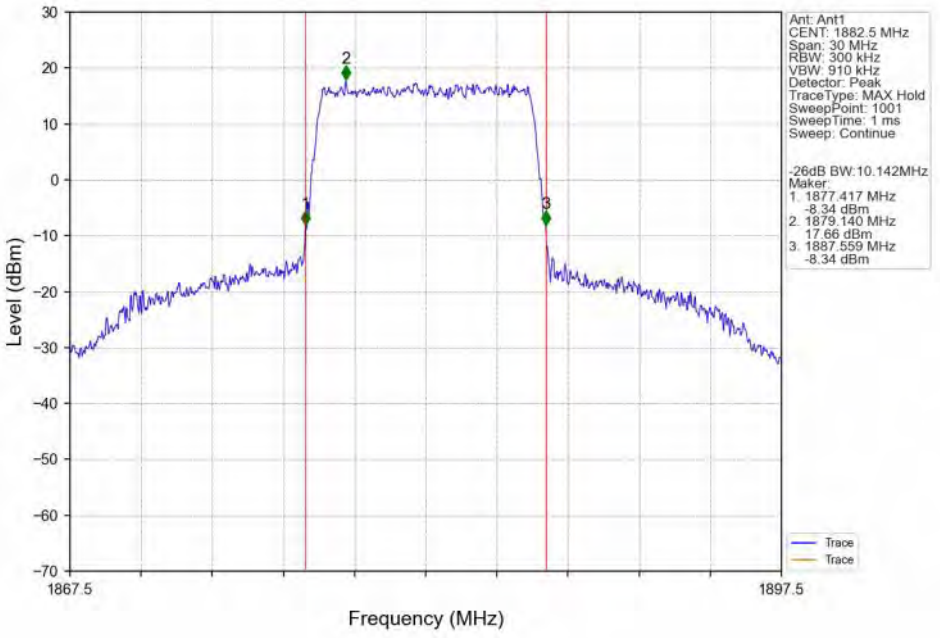
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



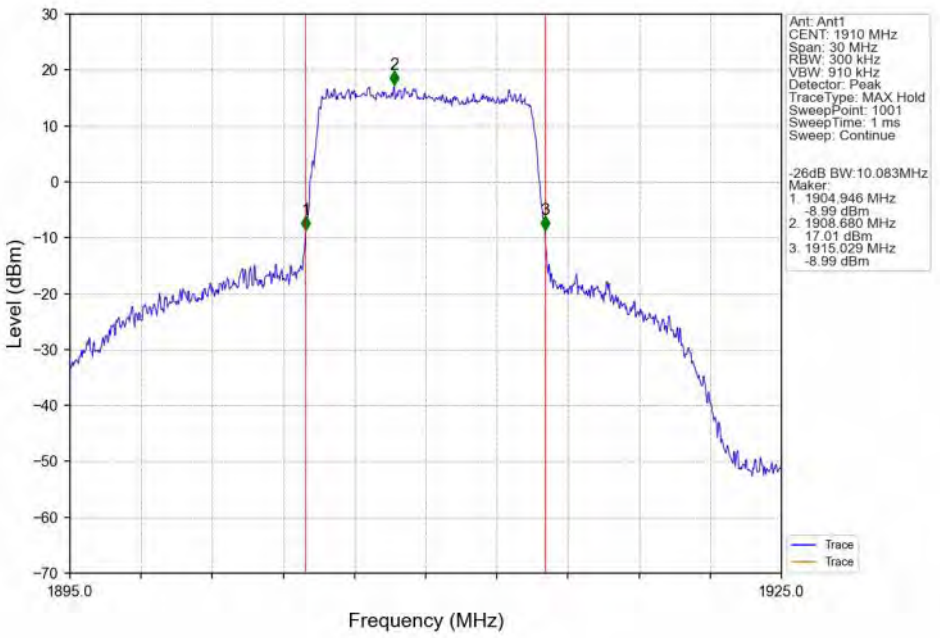
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



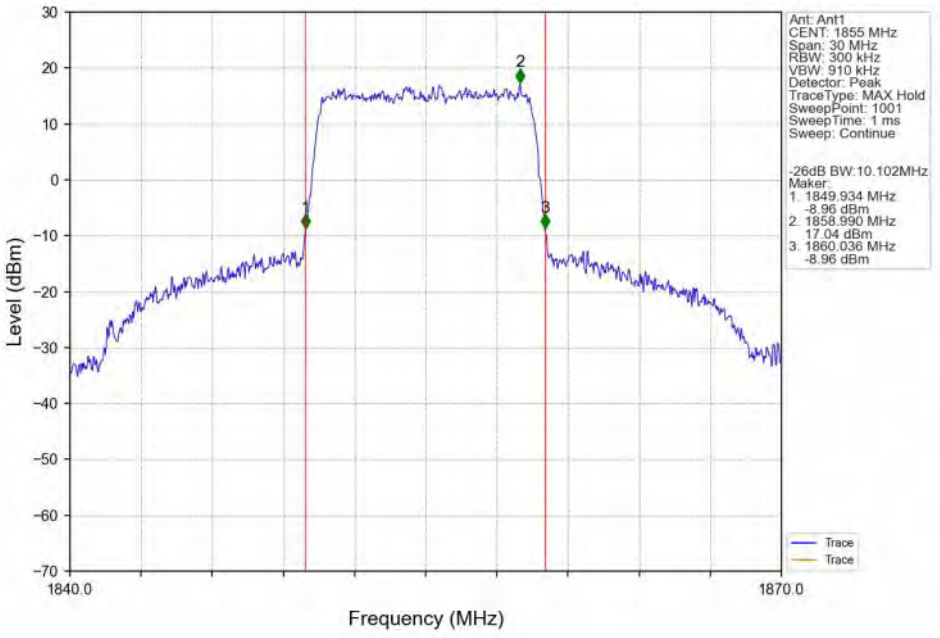
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



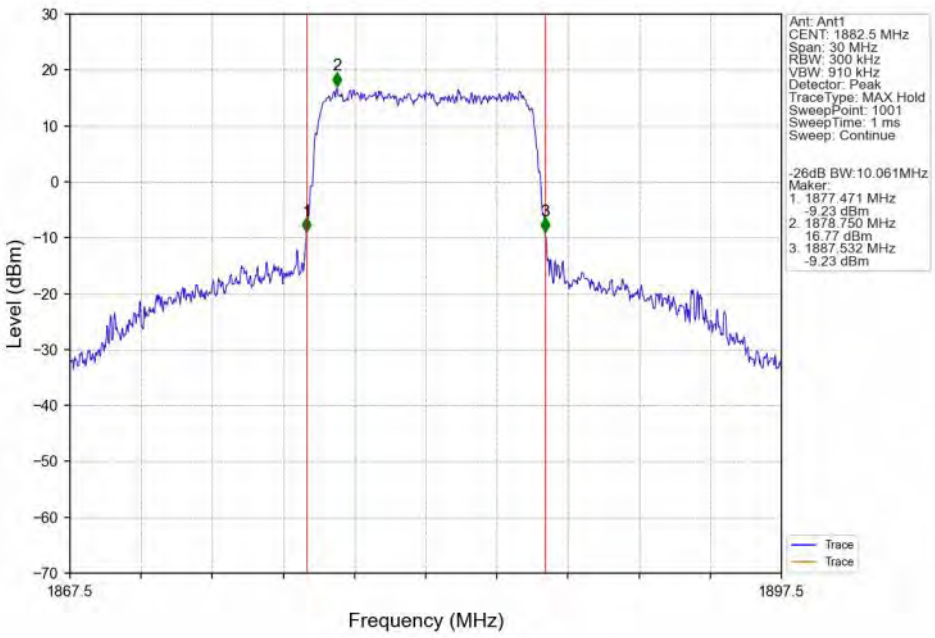
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



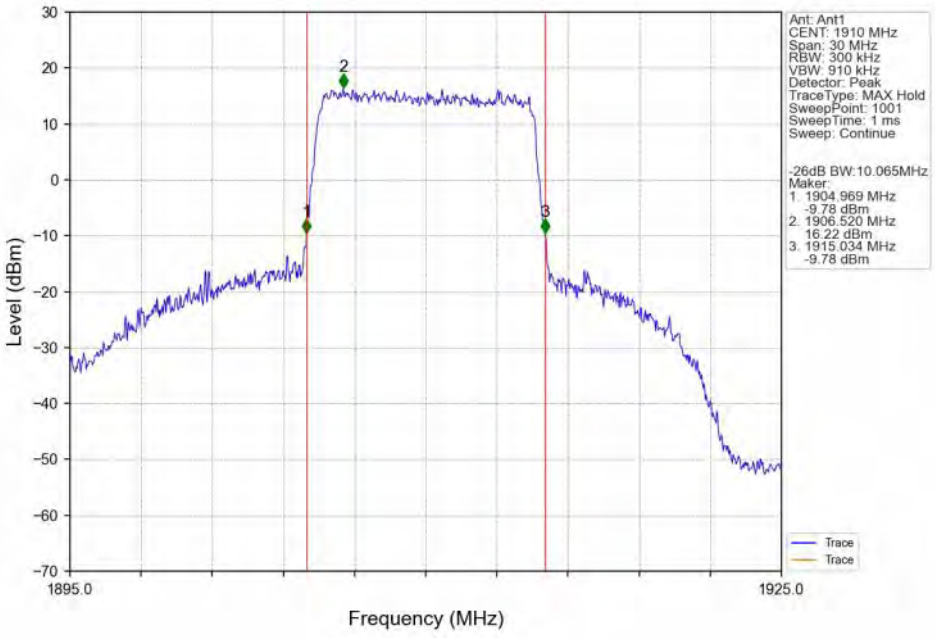
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



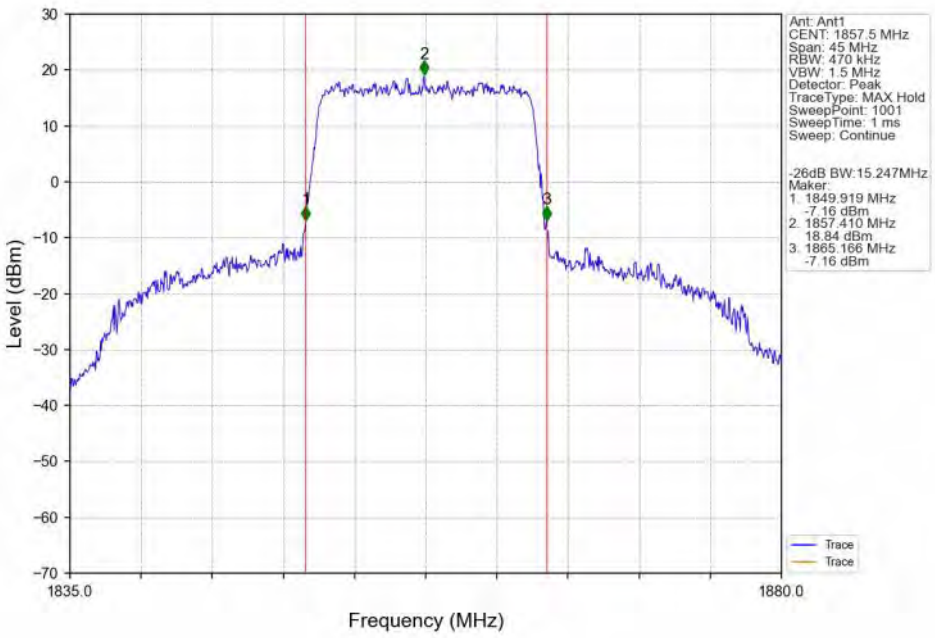
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



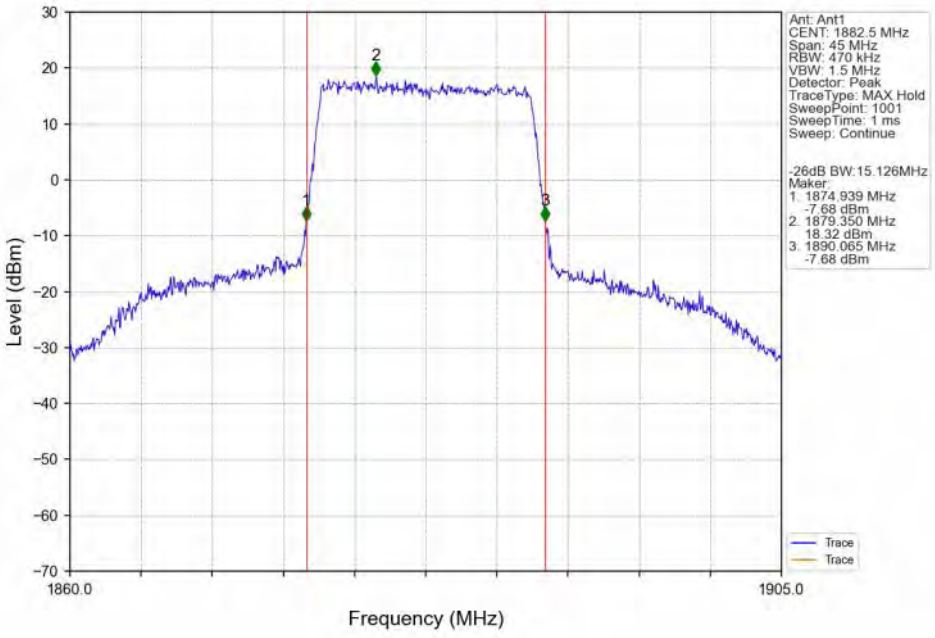
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



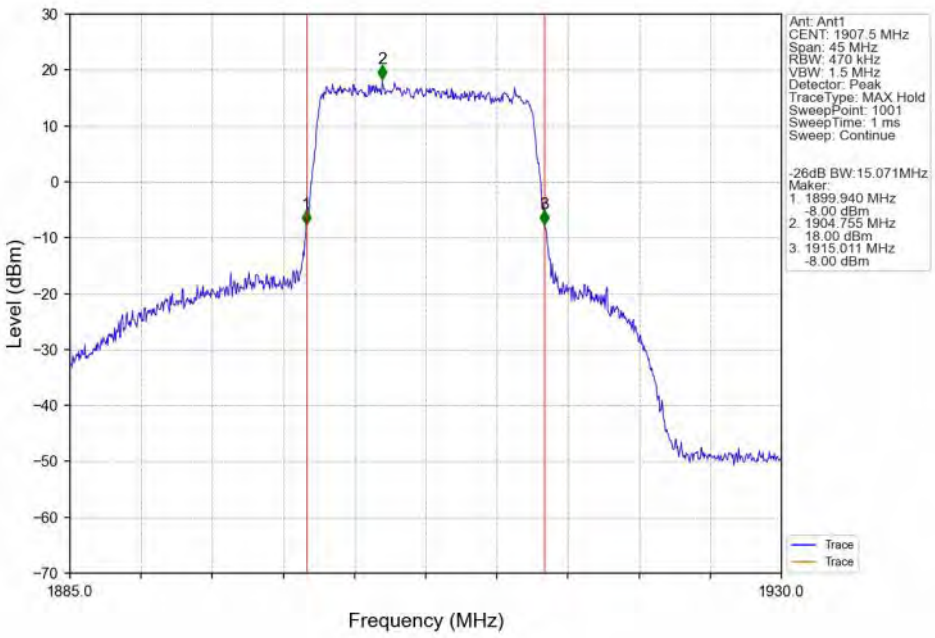
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



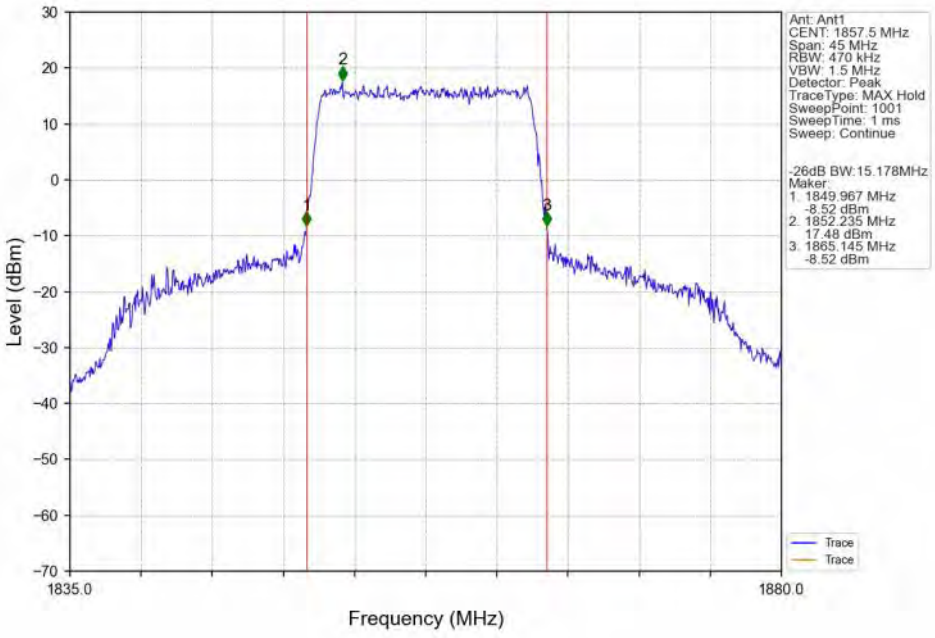
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



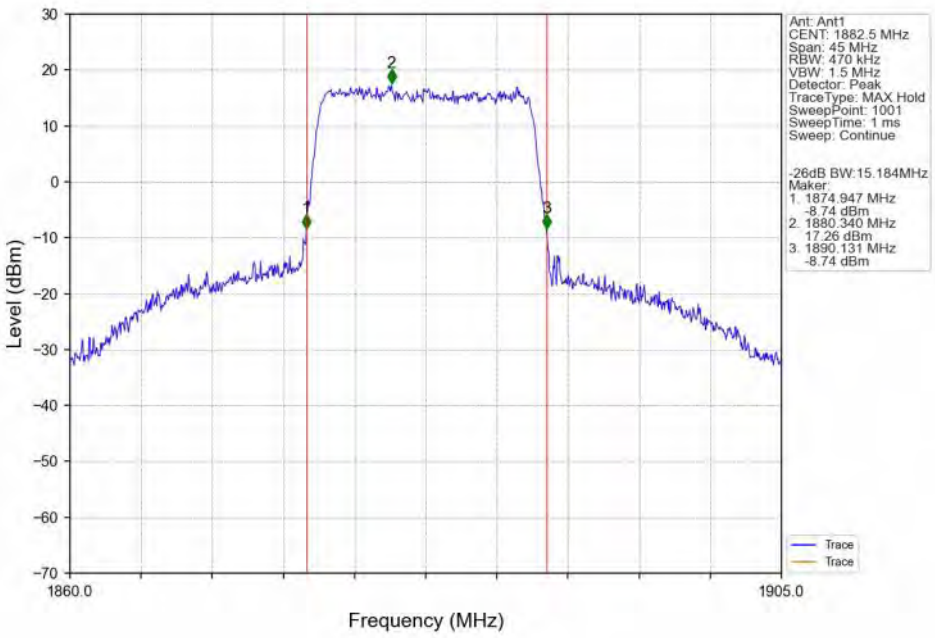
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



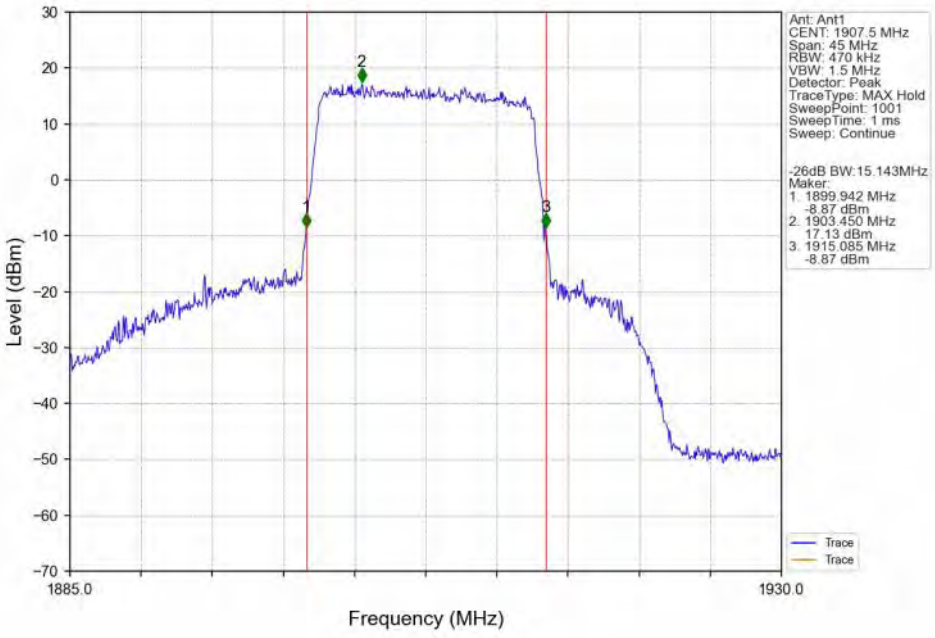
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



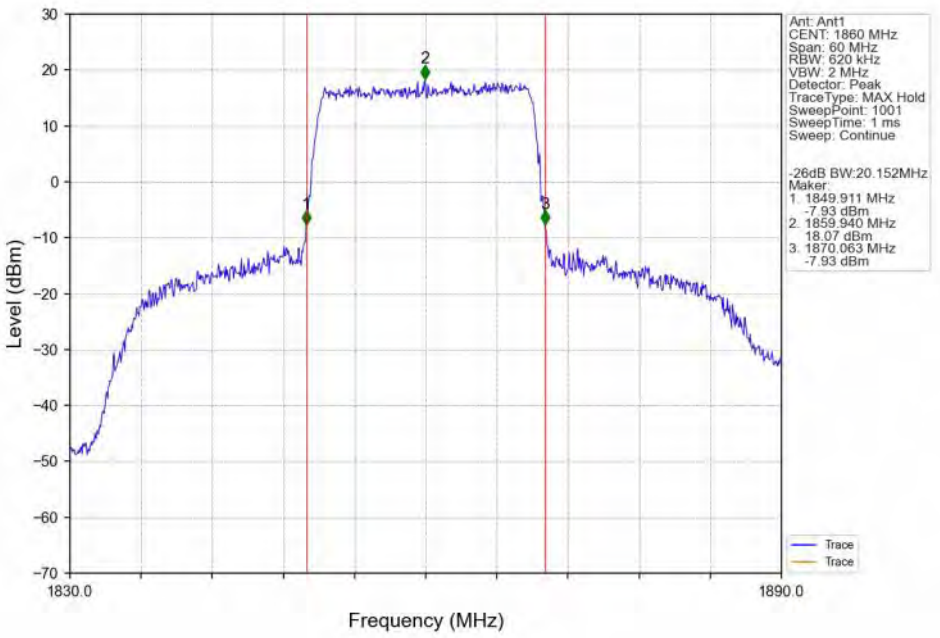
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



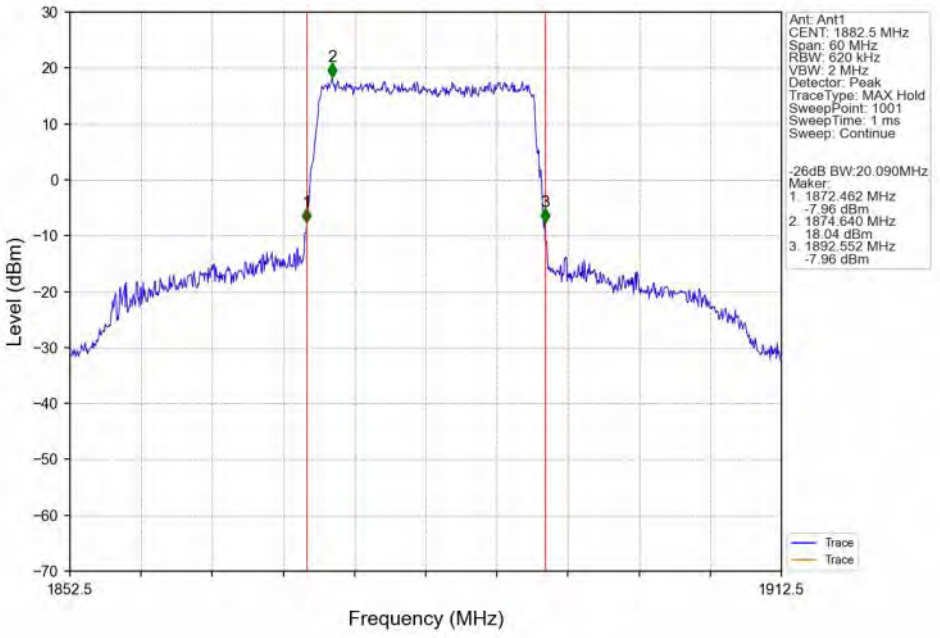
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



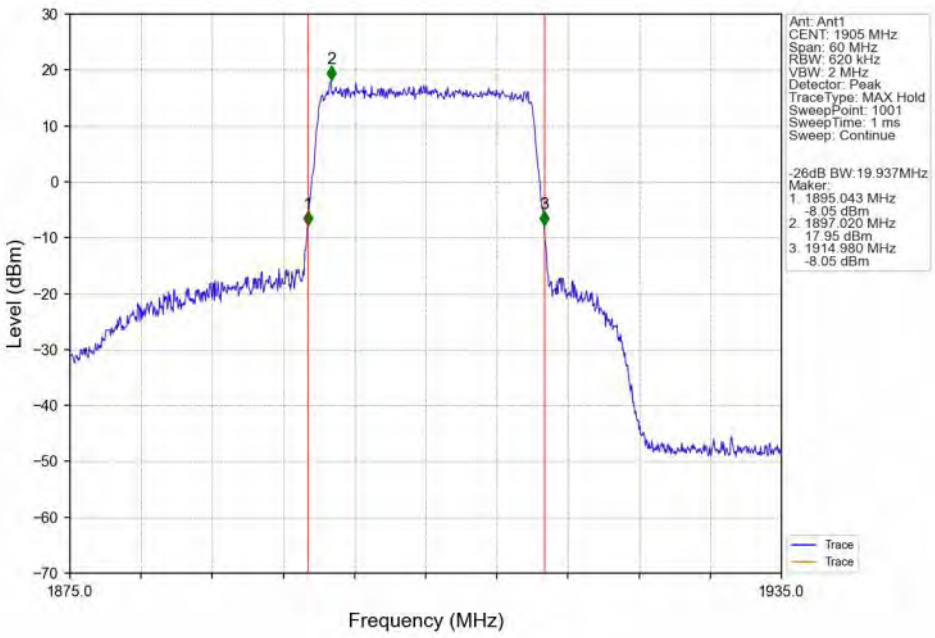
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



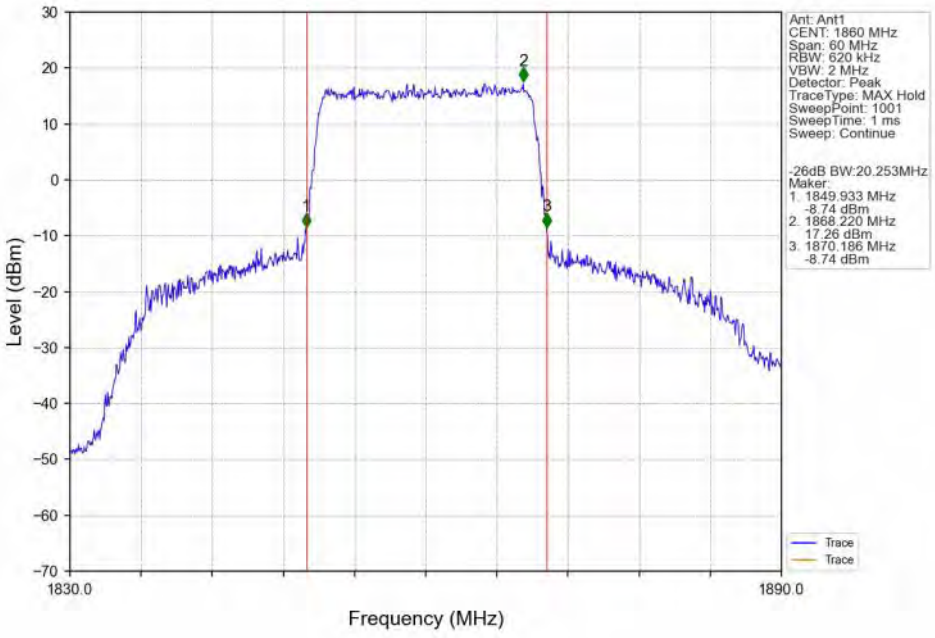
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



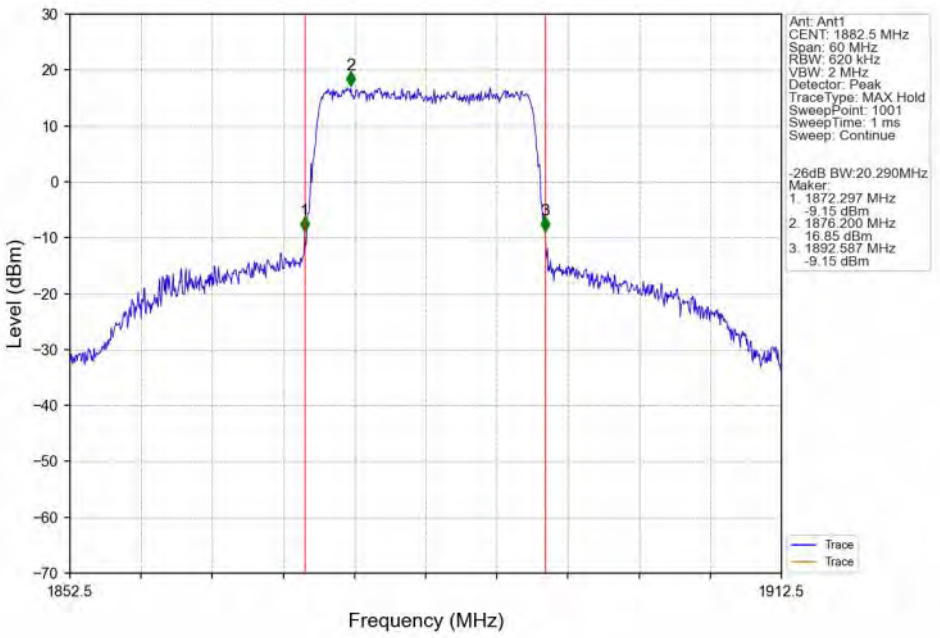
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



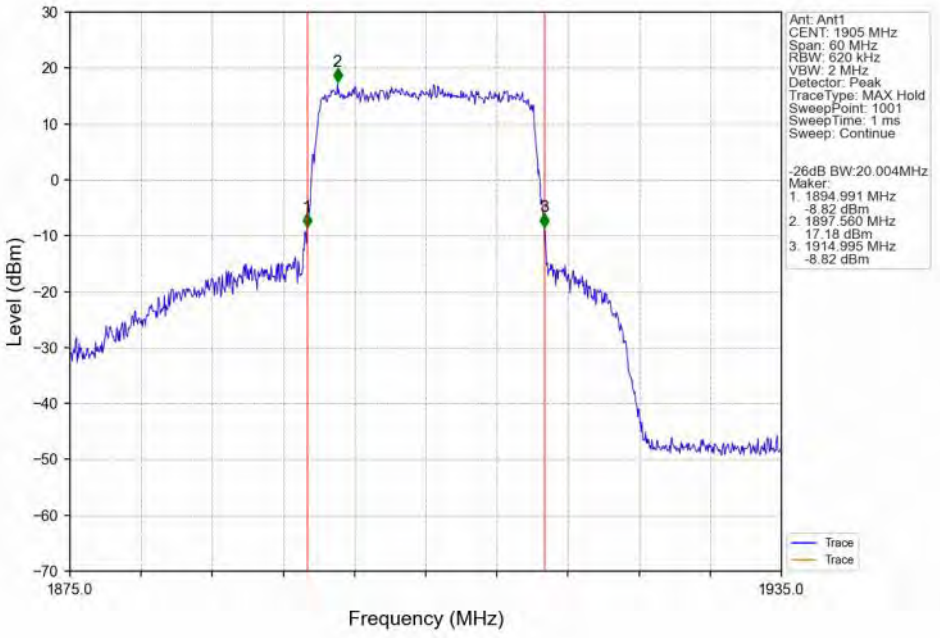
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	3.77	<=13	Pass
	1882.5	6	0	4.50	<=13	Pass
	1914.3	6	0	4.58	<=13	Pass
16QAM	1850.7	6	0	4.61	<=13	Pass
	1882.5	6	0	5.28	<=13	Pass
	1914.3	6	0	5.41	<=13	Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	3.87	<=13	Pass
	1882.5	15	0	4.58	<=13	Pass
	1913.5	15	0	4.78	<=13	Pass
16QAM	1851.5	15	0	4.72	<=13	Pass
	1882.5	15	0	5.33	<=13	Pass
	1913.5	15	0	5.54	<=13	Pass

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	4.41	<=13	Pass
	1882.5	25	0	4.94	<=13	Pass
	1912.5	25	0	4.99	<=13	Pass
16QAM	1852.5	25	0	5.07	<=13	Pass
	1882.5	25	0	5.62	<=13	Pass
	1912.5	25	0	5.65	<=13	Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	4.67	<=13	Pass
	1882.5	50	0	5.03	<=13	Pass
	1910	50	0	5.09	<=13	Pass
16QAM	1855	50	0	5.37	<=13	Pass
	1882.5	50	0	5.72	<=13	Pass

	1910	50	0	5.74	<=13	Pass

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	4.65	<=13	Pass
	1882.5	75	0	4.95	<=13	Pass
	1907.5	75	0	5.25	<=13	Pass
16QAM	1857.5	75	0	5.28	<=13	Pass
	1882.5	75	0	5.55	<=13	Pass
	1907.5	75	0	5.82	<=13	Pass

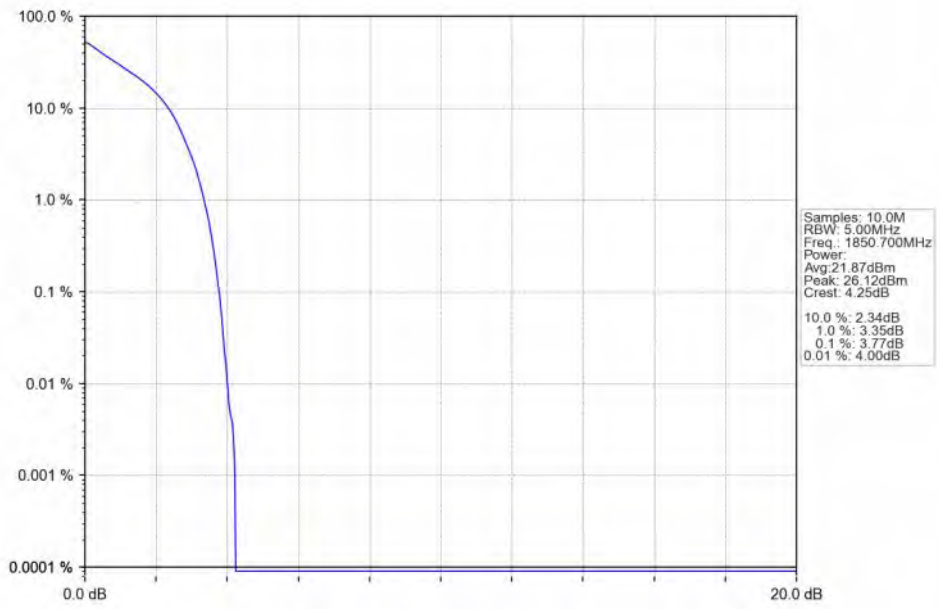
5.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	4.88	<=13	Pass
	1882.5	100	0	5.04	<=13	Pass
	1905	100	0	5.16	<=13	Pass
16QAM	1860	100	0	5.53	<=13	Pass
	1882.5	100	0	5.74	<=13	Pass
	1905	100	0	5.80	<=13	Pass

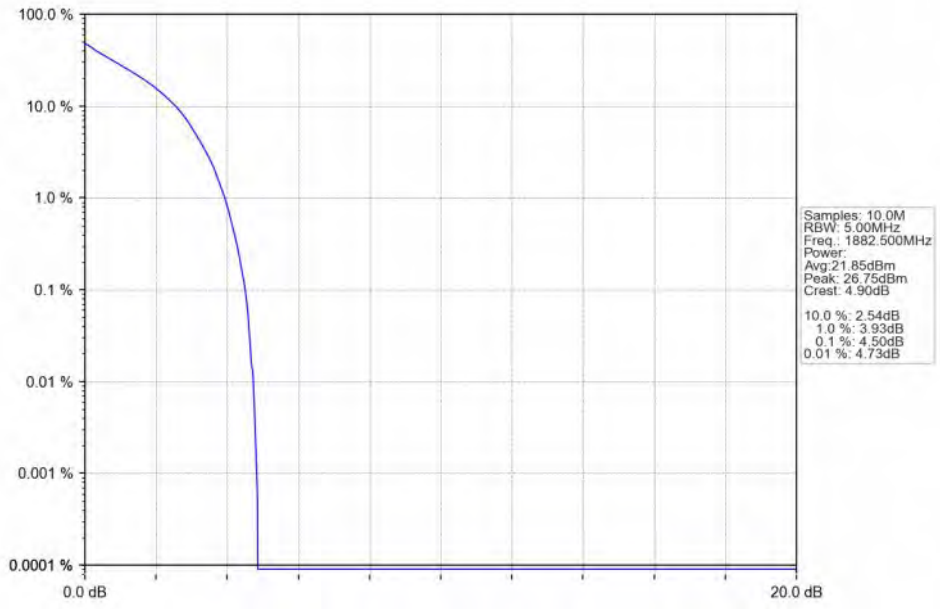
5.2 Test Graph

5.2.1 B25_1.4MHz

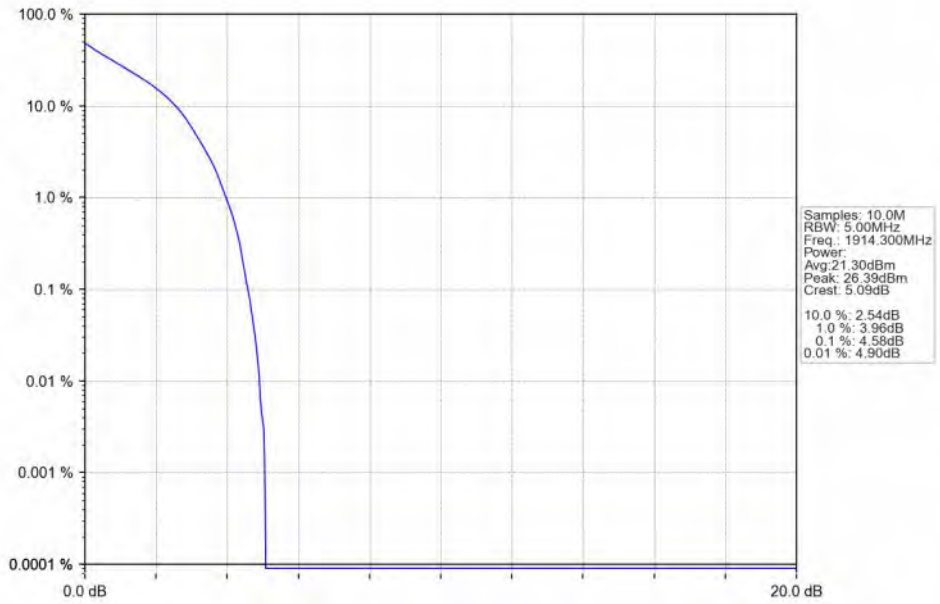
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



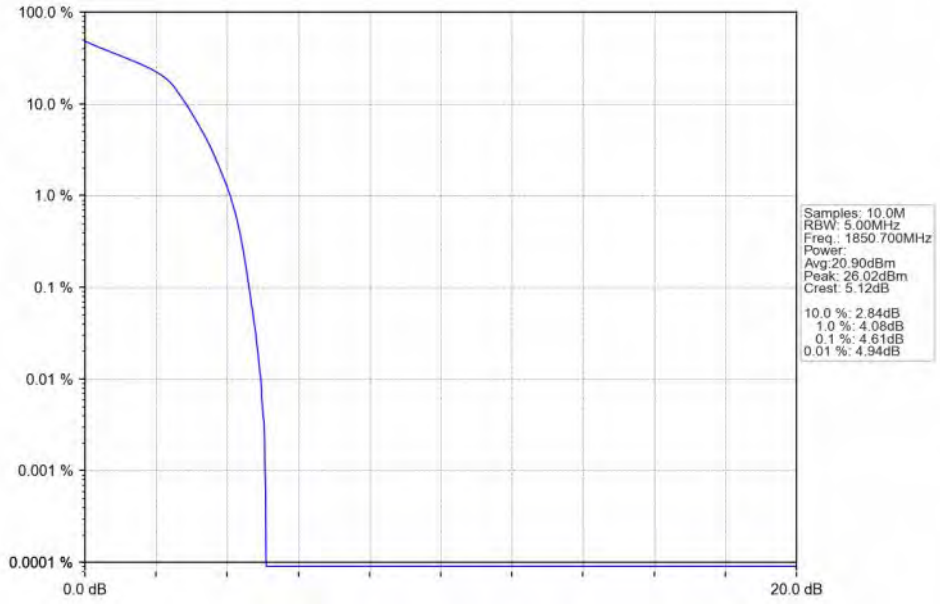
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



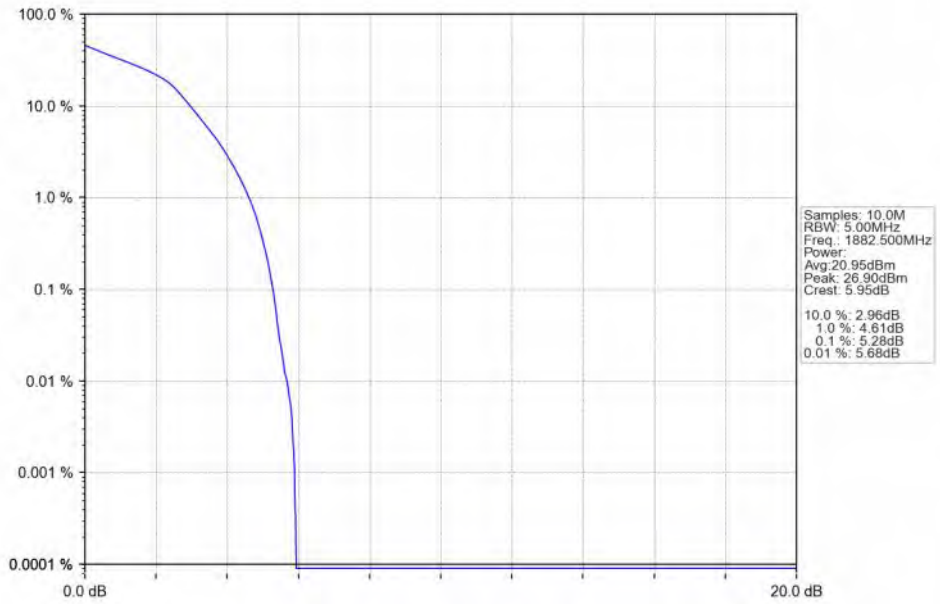
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



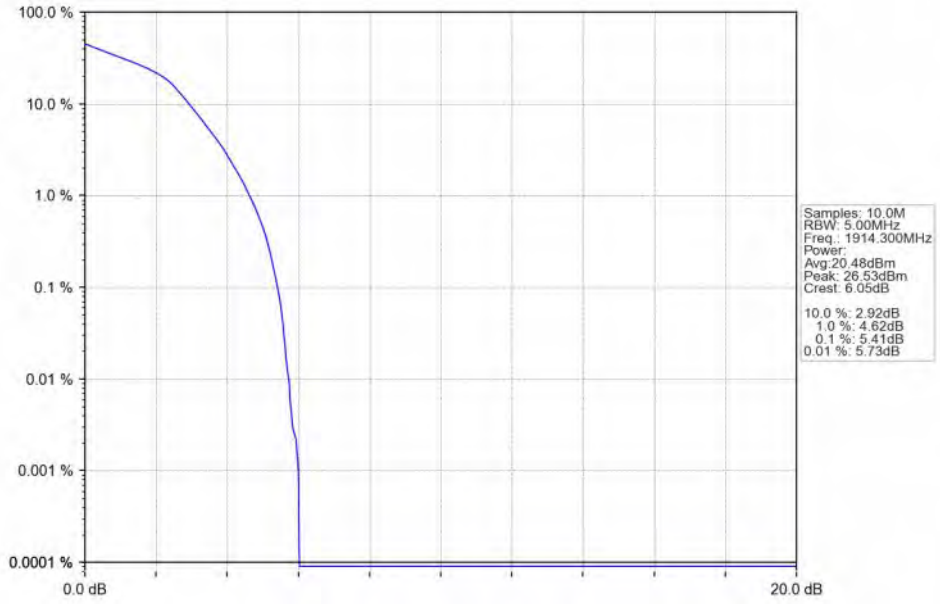
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

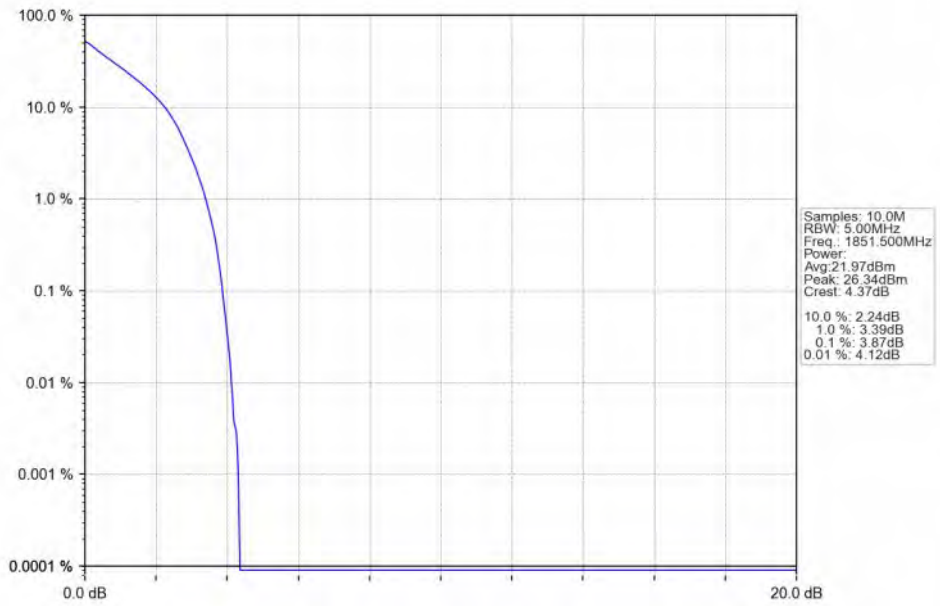


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

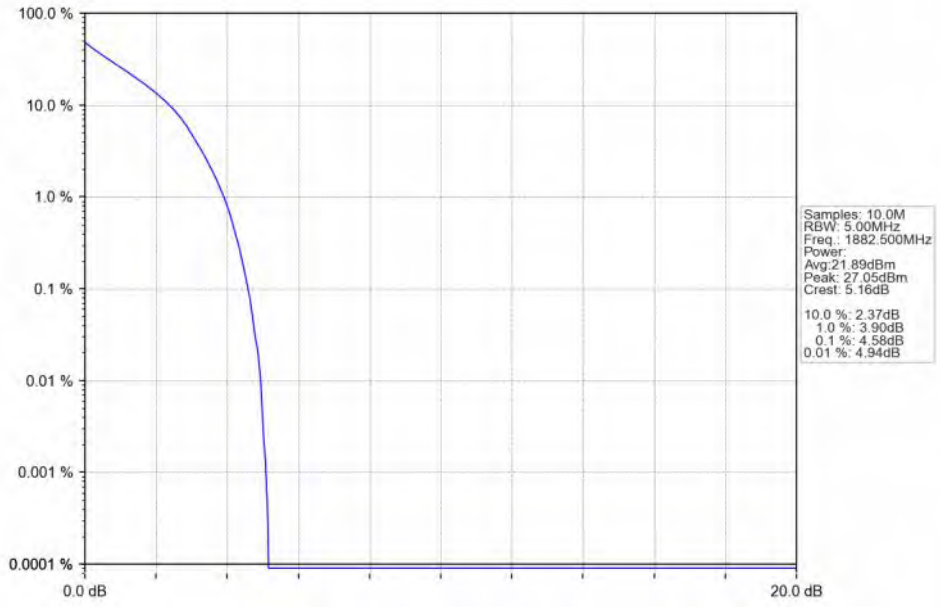


5.2.2 B25_3MHz

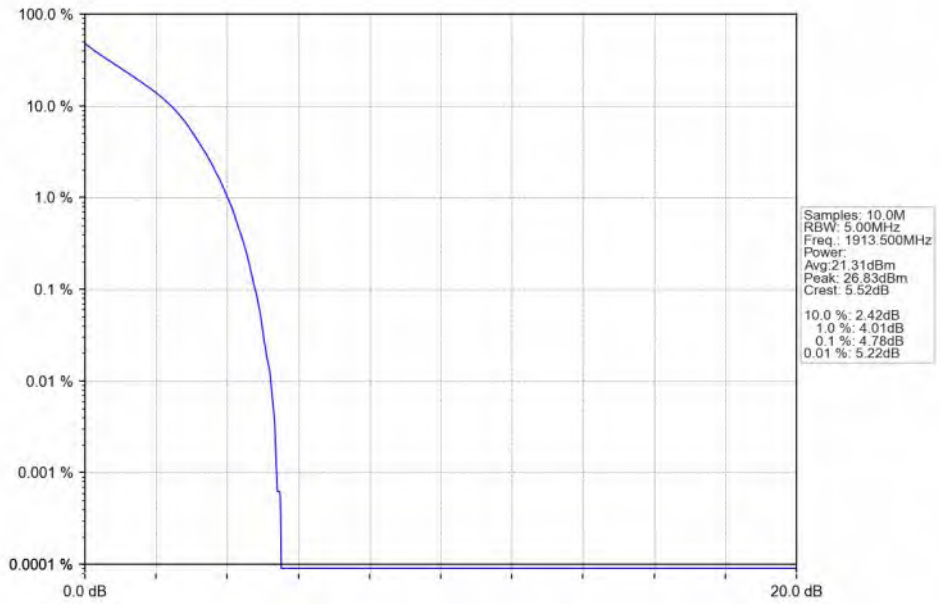
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



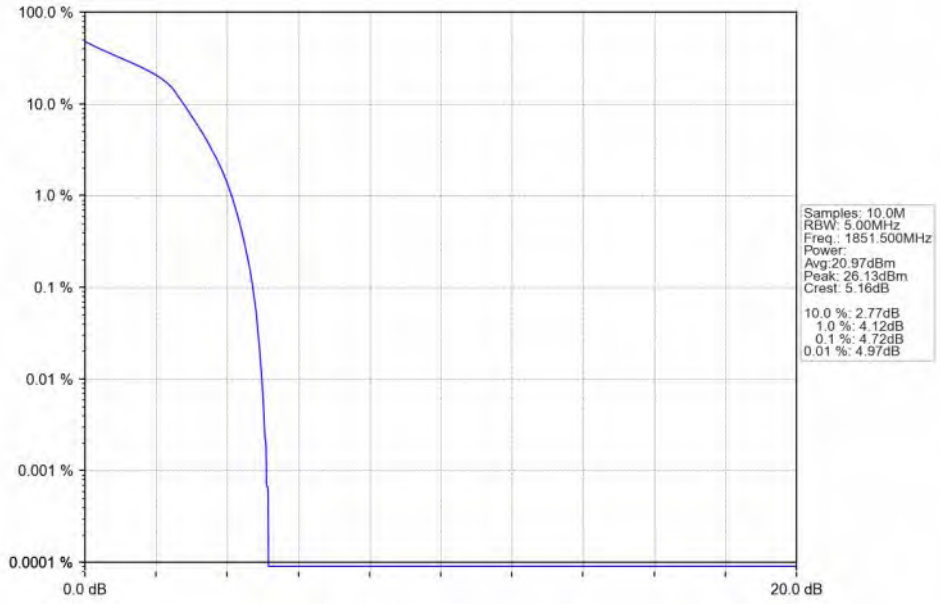
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



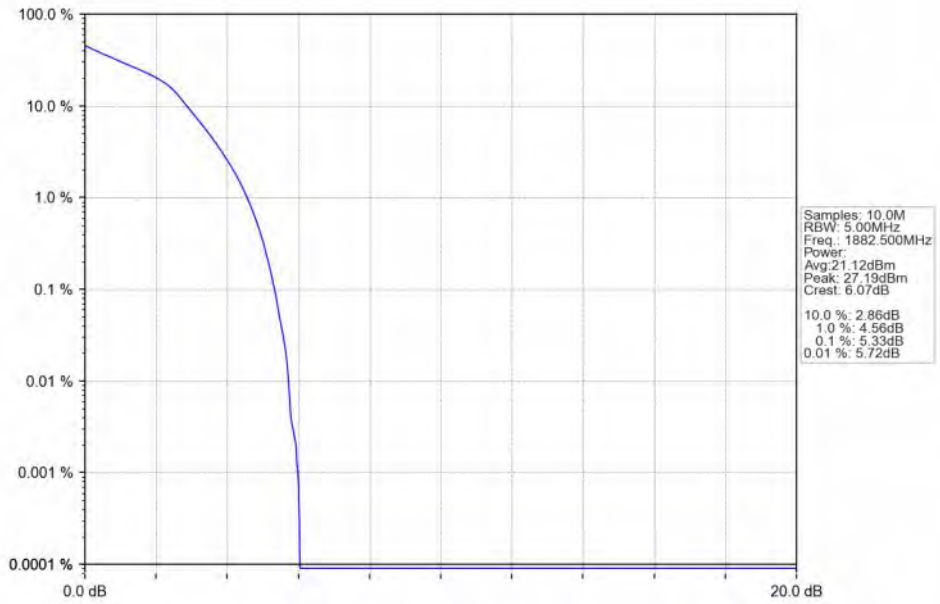
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



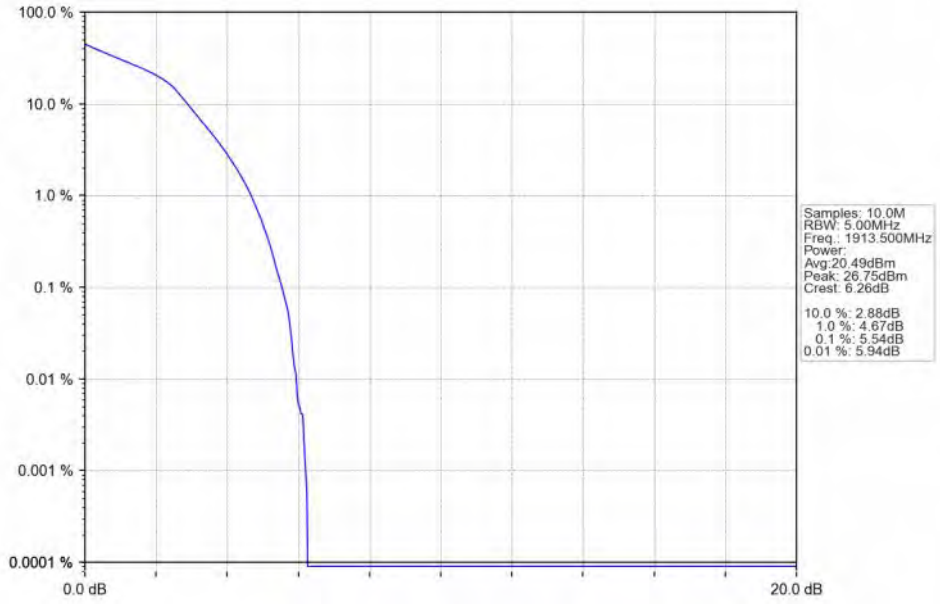
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



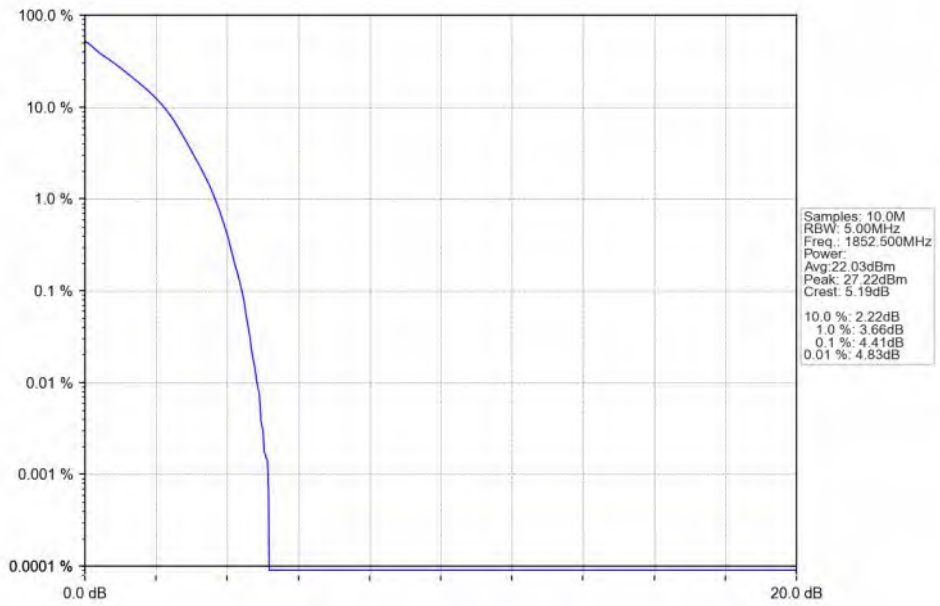
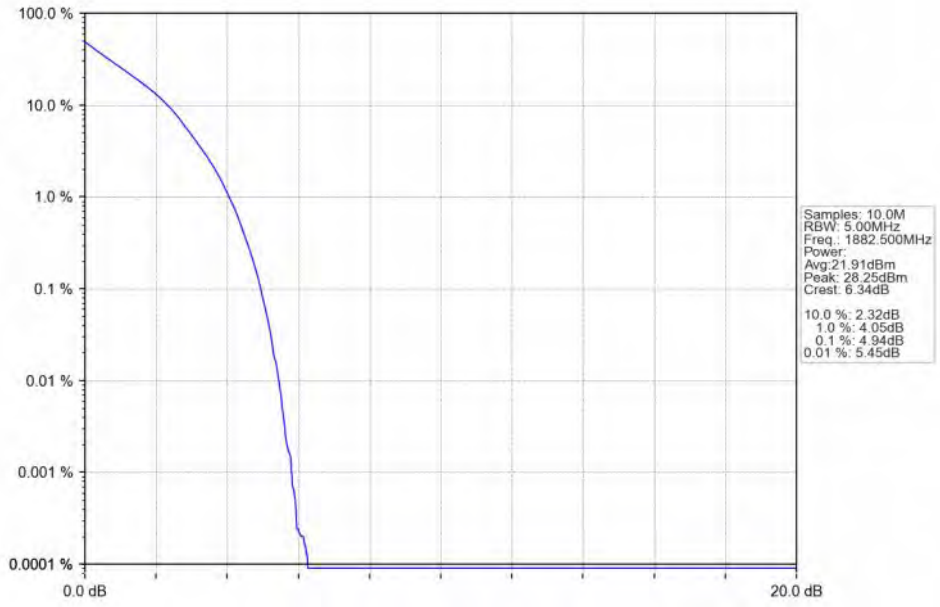
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



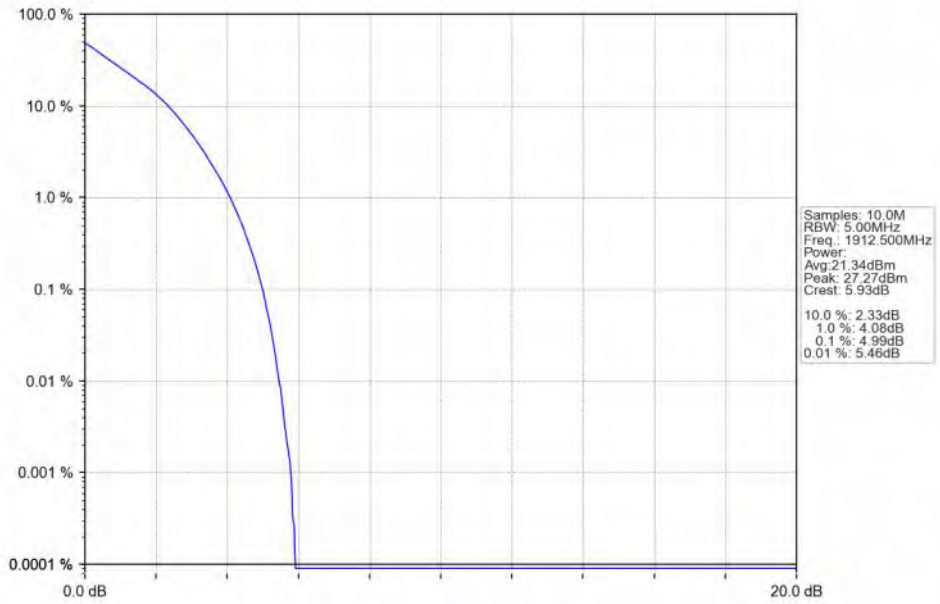
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



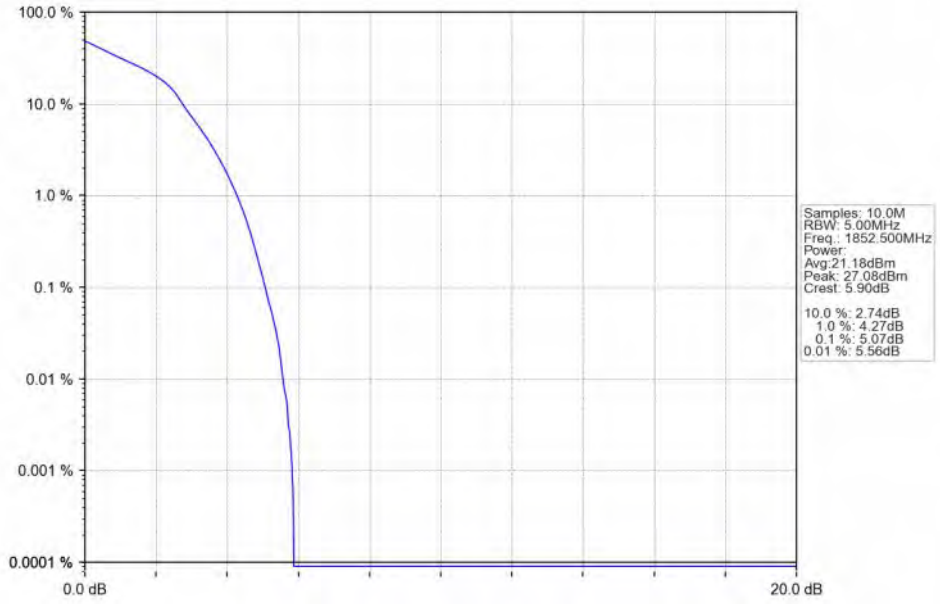
5.2.3 B25_5MHz

Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV


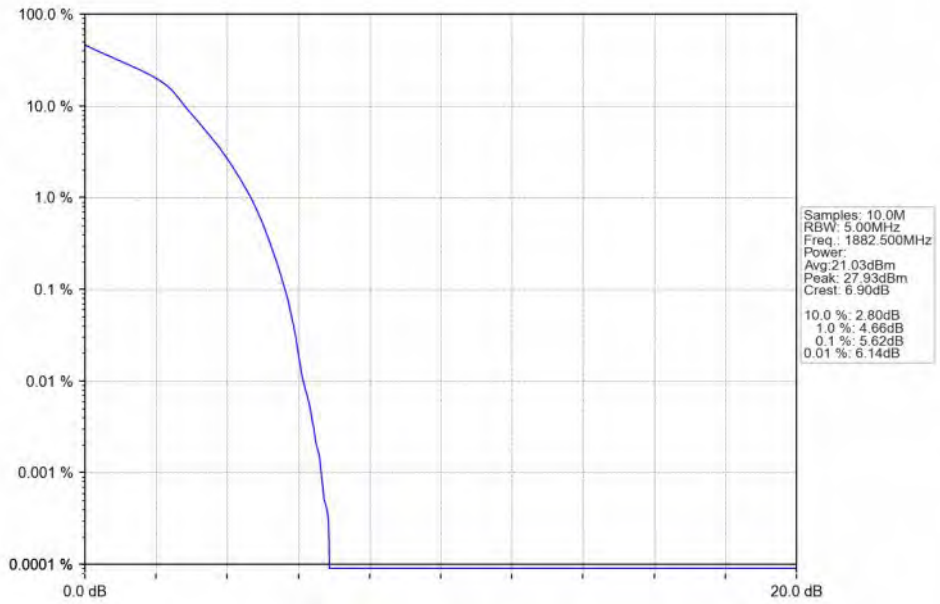
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



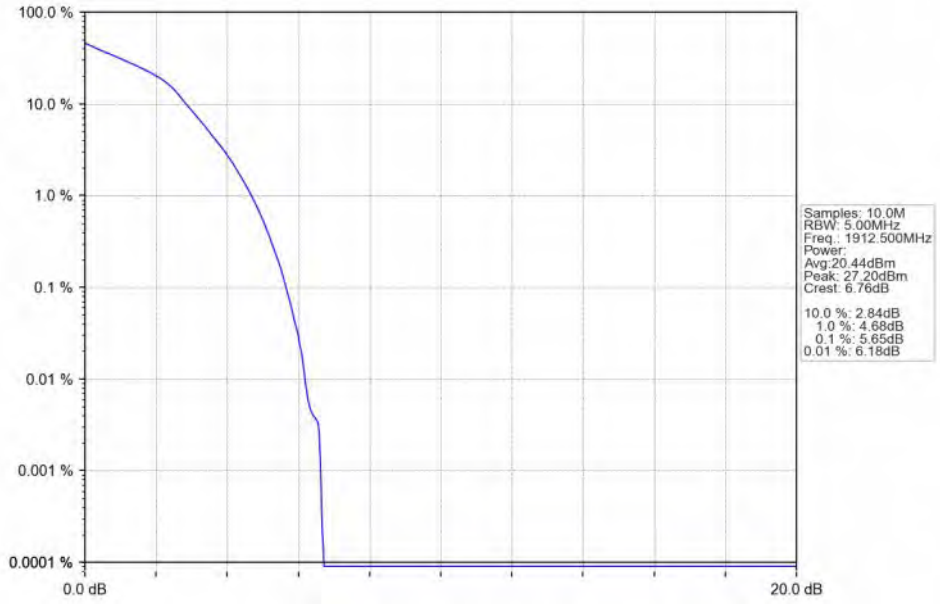
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



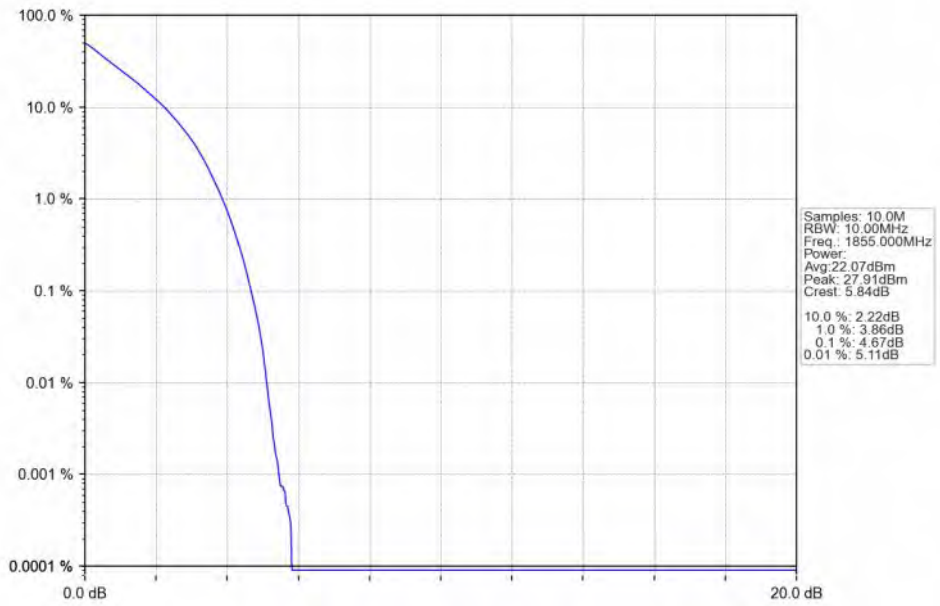
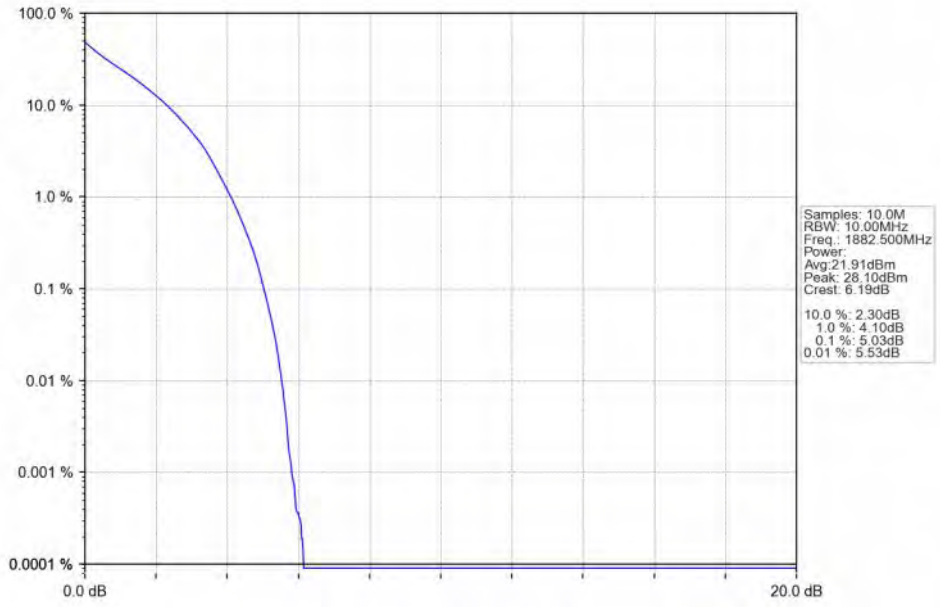
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



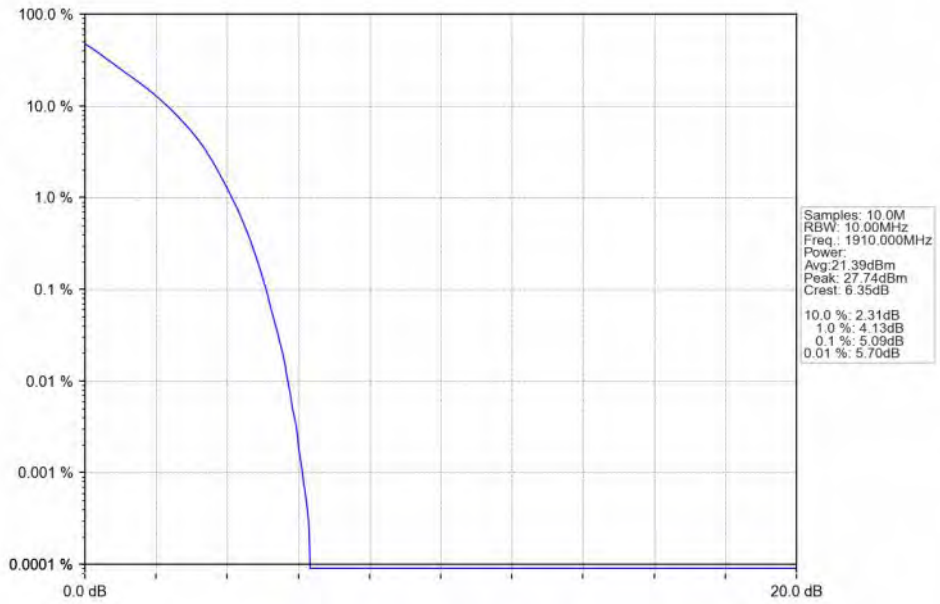
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



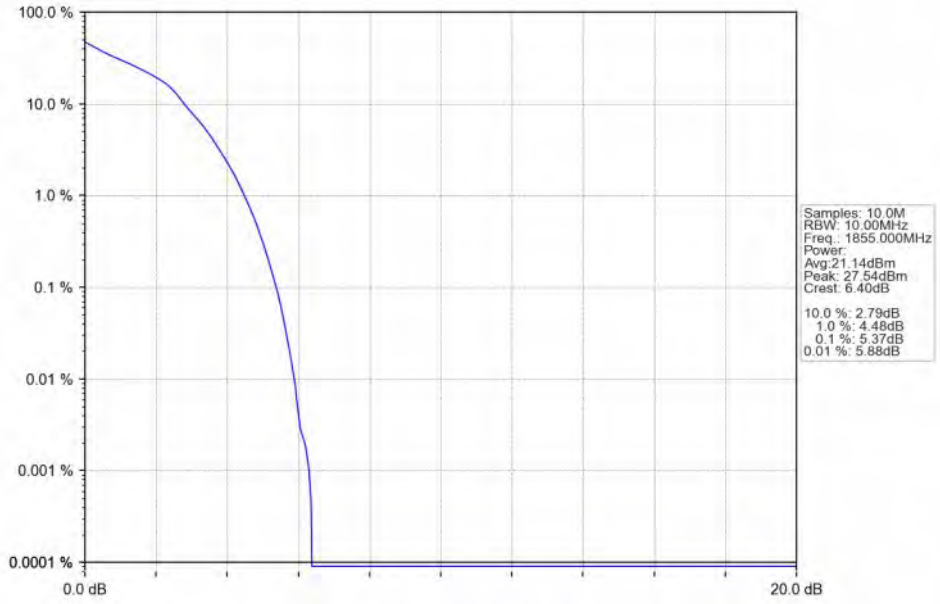
5.2.4 B25_10MHz

Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV


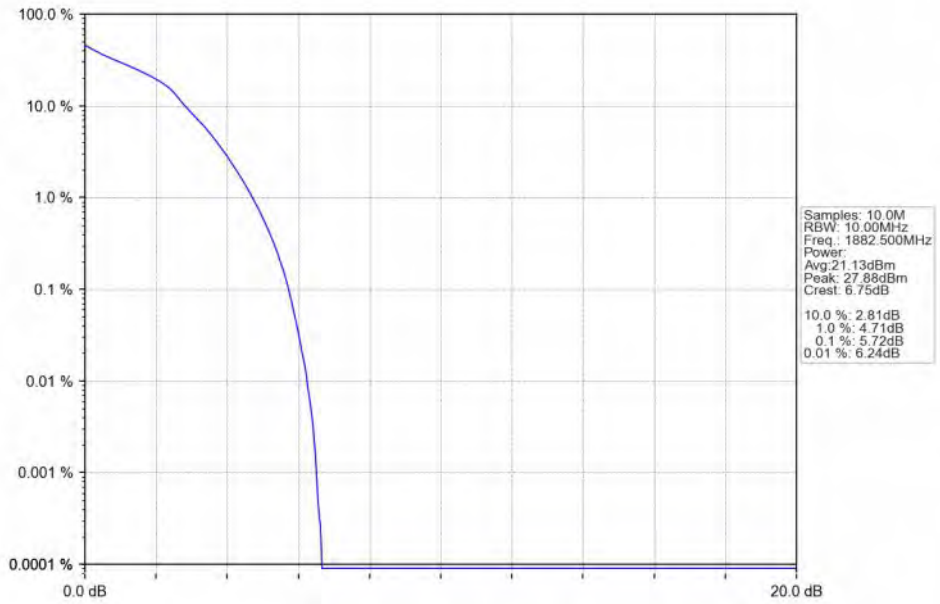
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



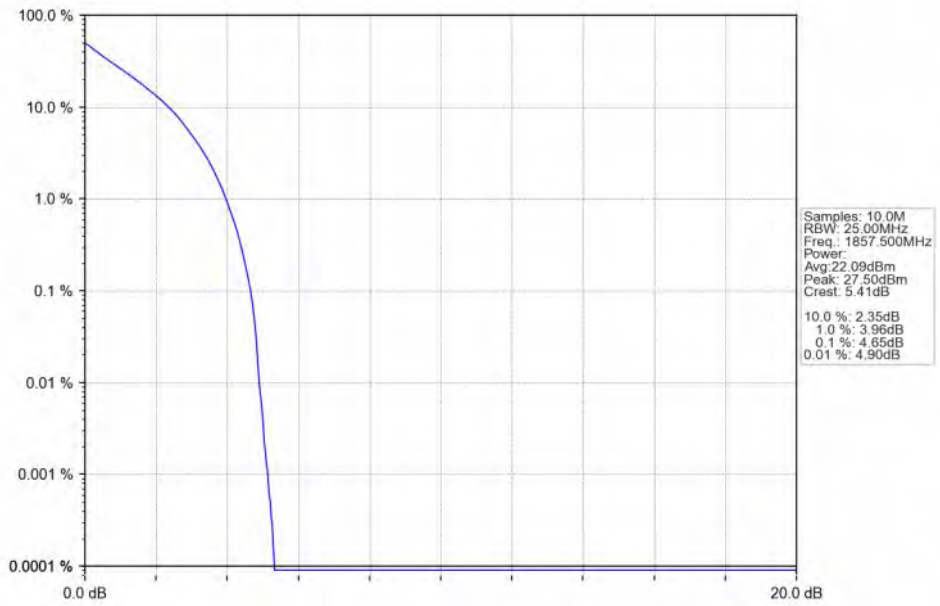
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



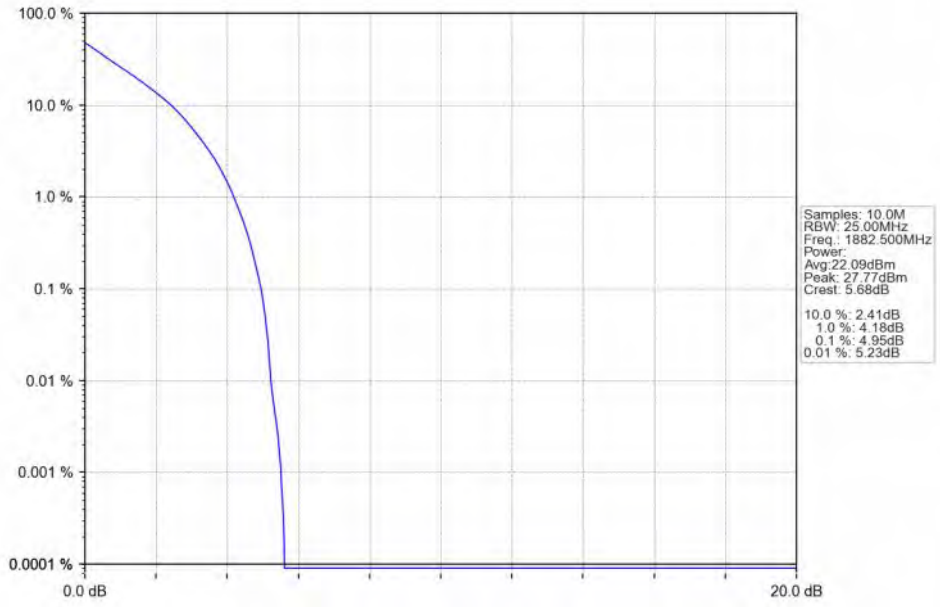
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

5.2.5 B25_15MHz

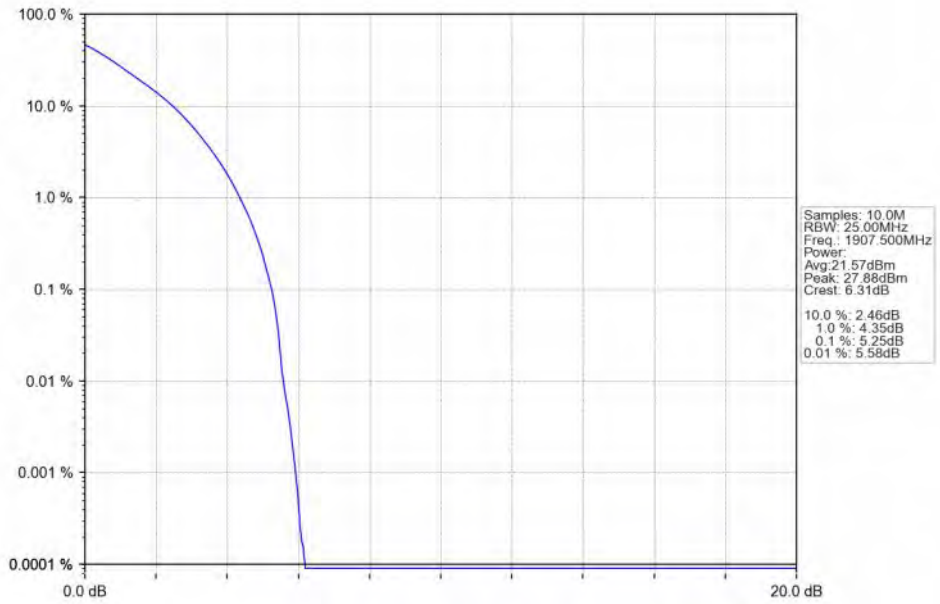
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



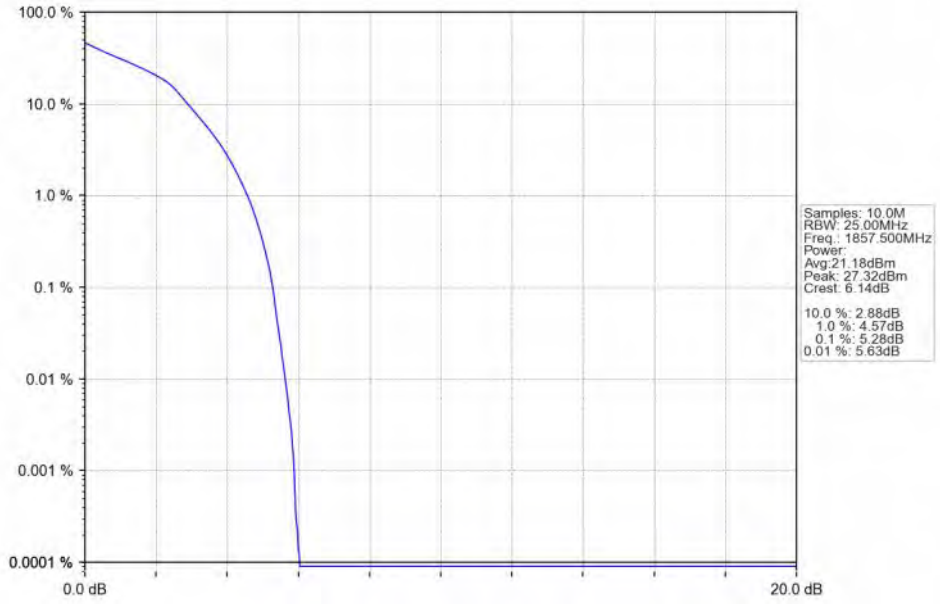
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



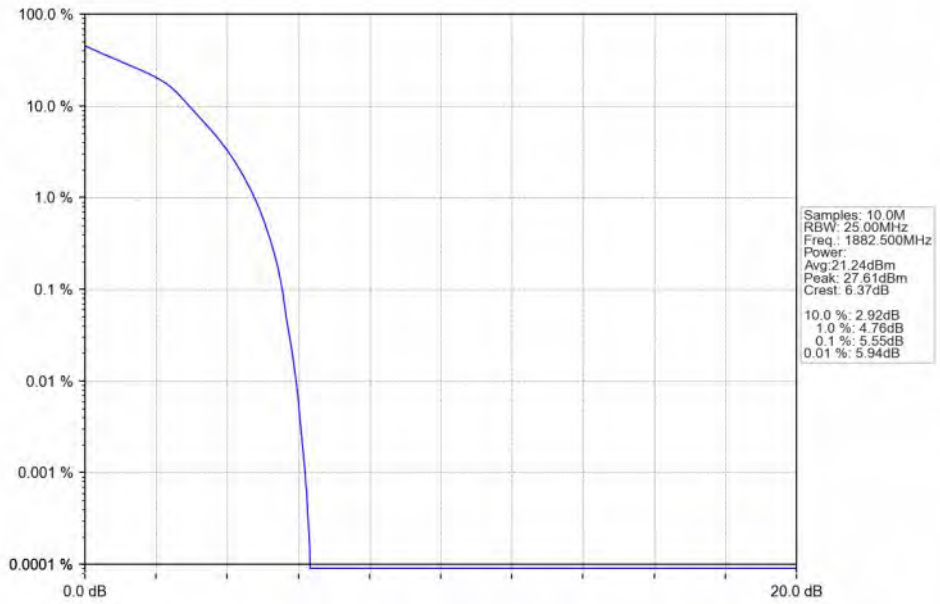
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



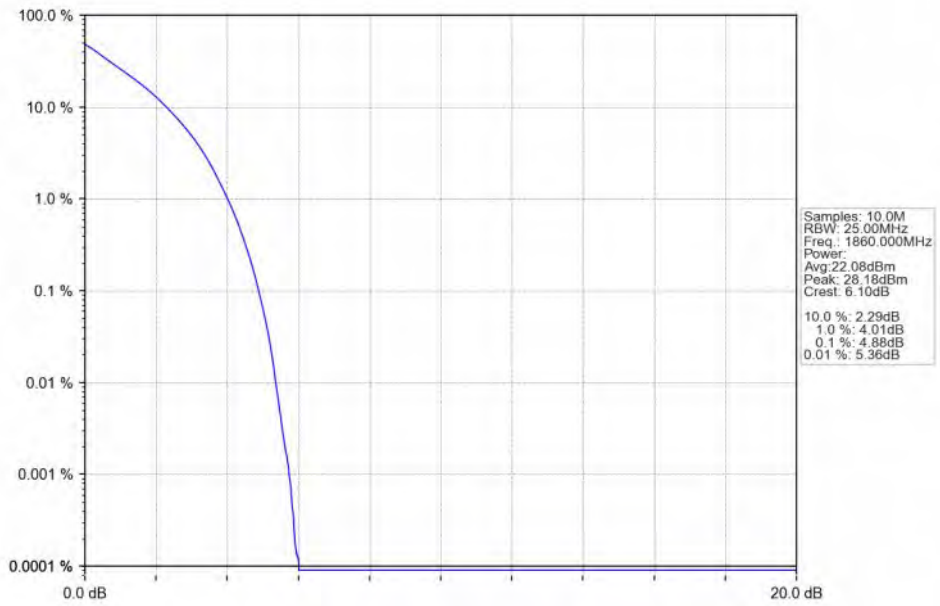
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



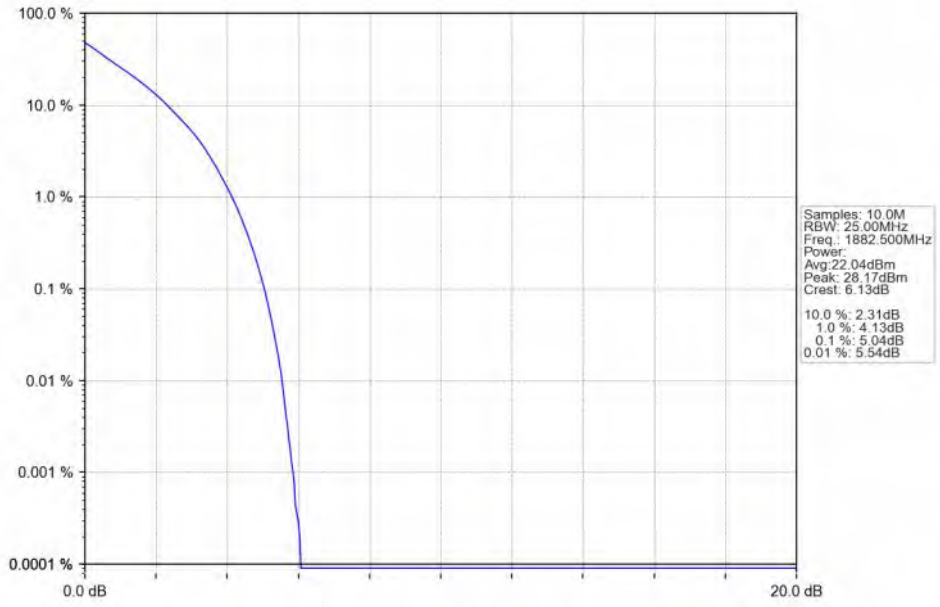
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

5.2.6 B25_20MHz

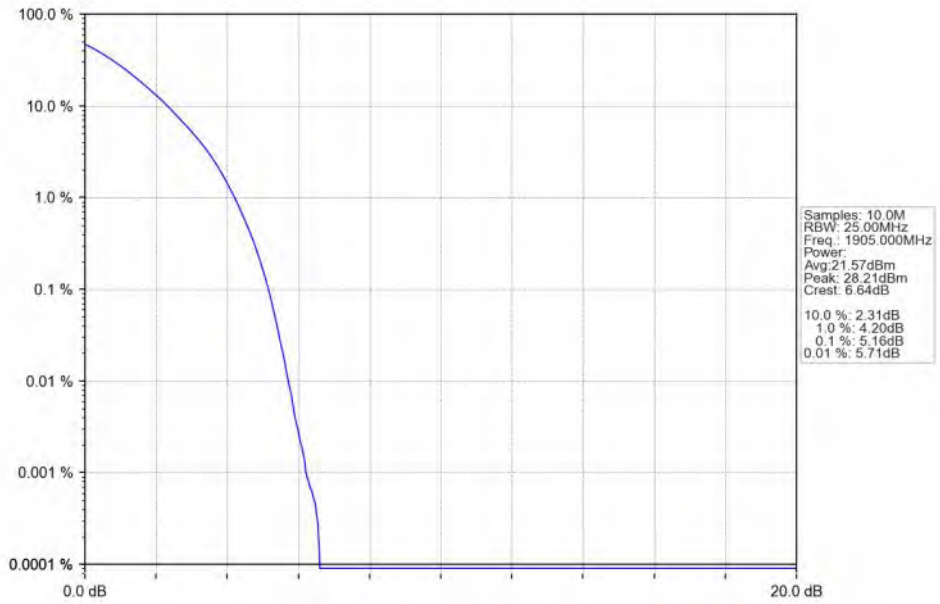
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



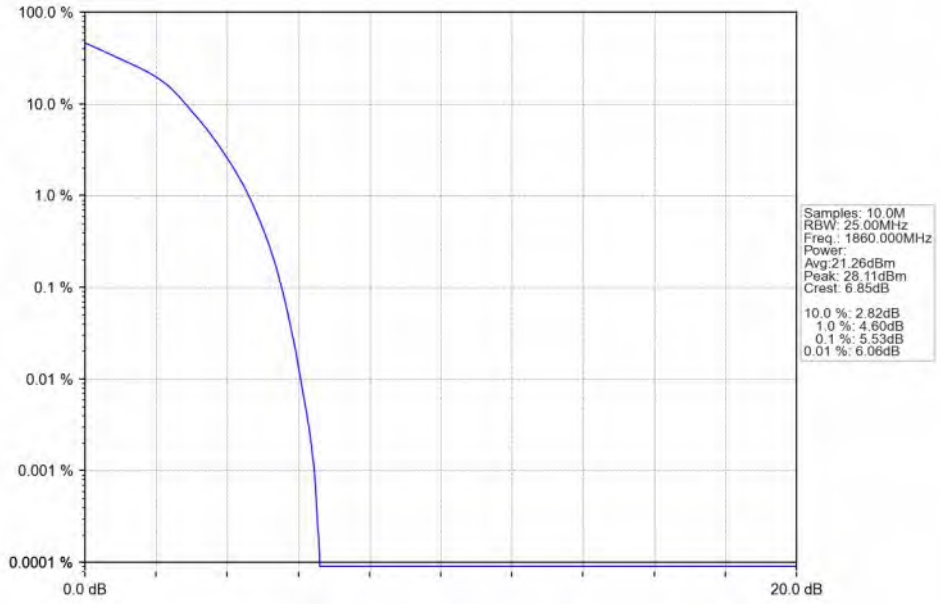
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



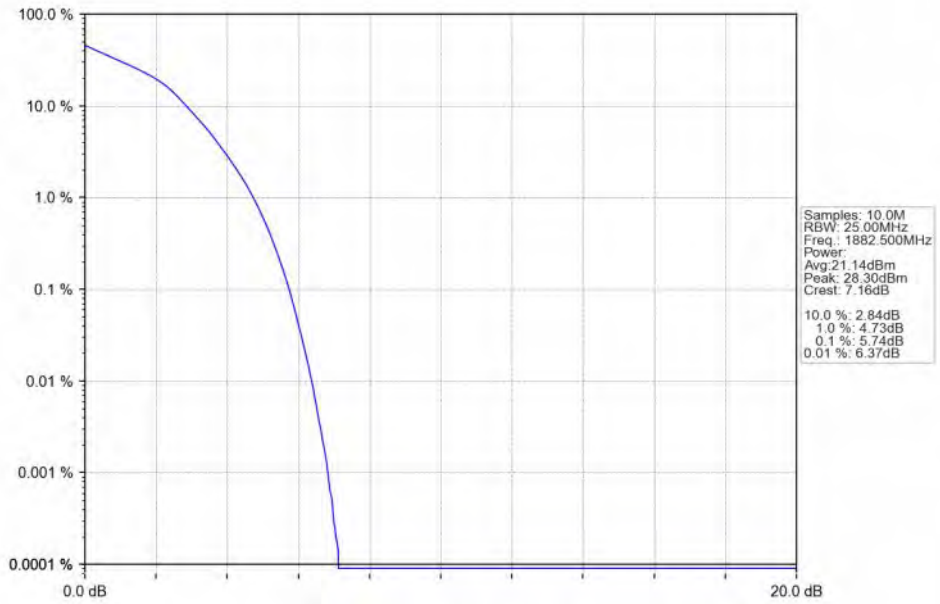
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



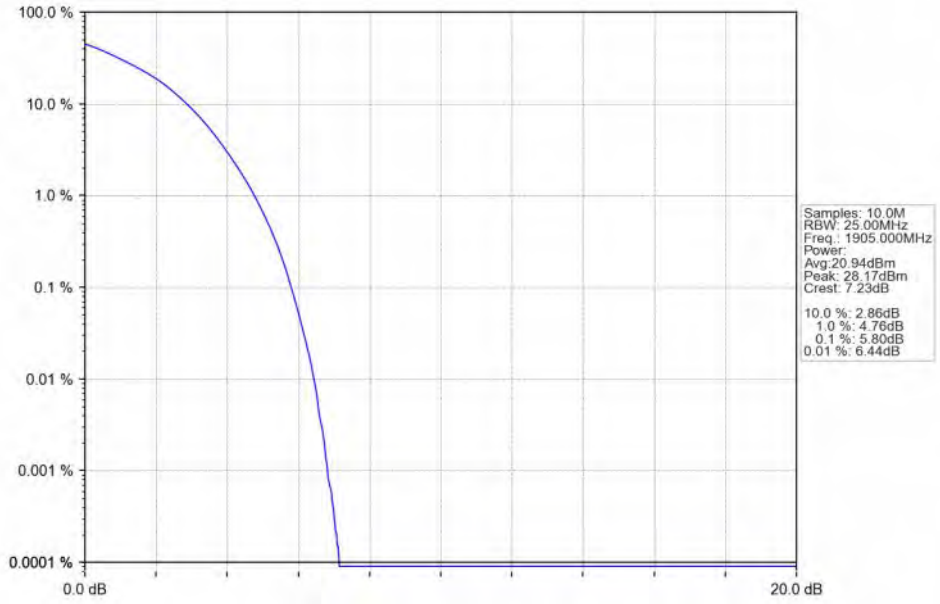
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	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 / NTNV						
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 / NTNV						
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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B25_15MHz

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

6.1.6 B25_20MHz

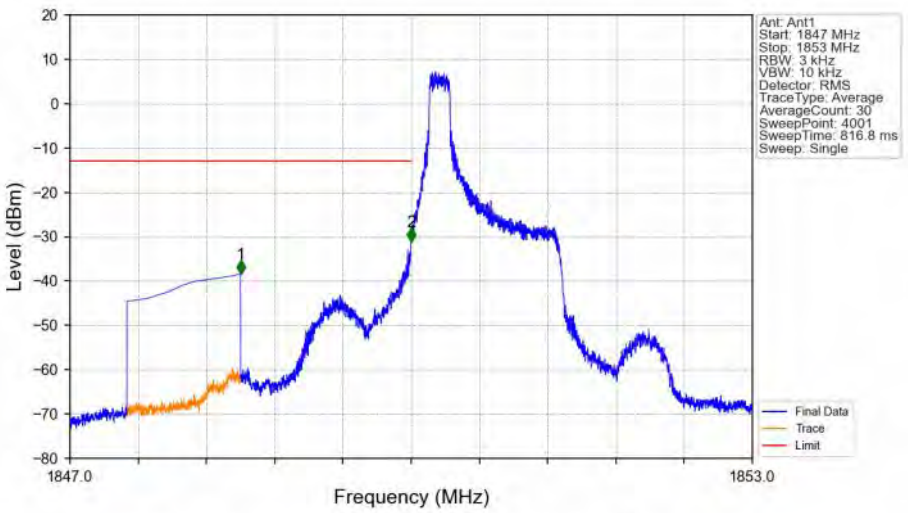
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To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

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

6.2 Test Graph

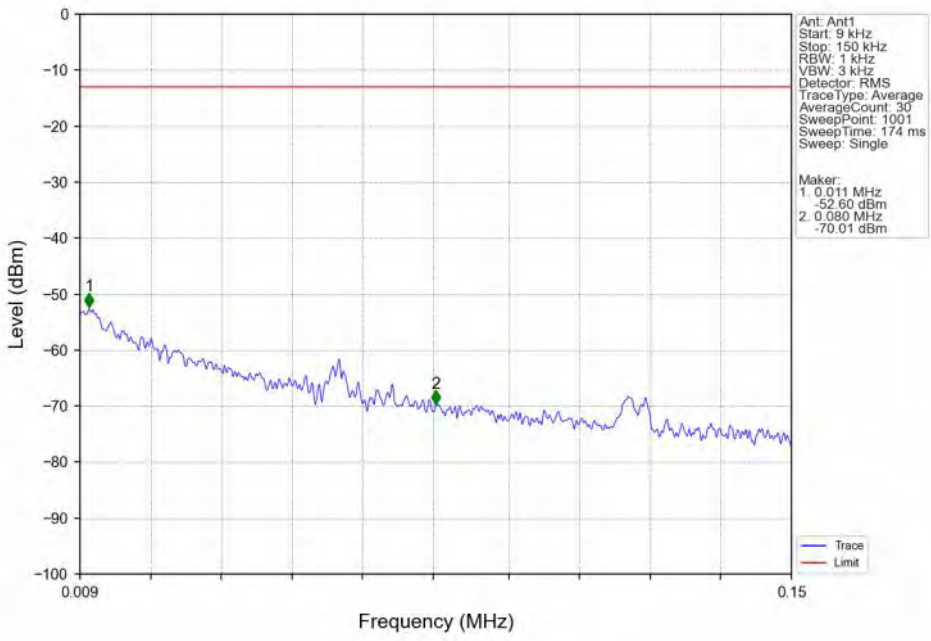
6.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

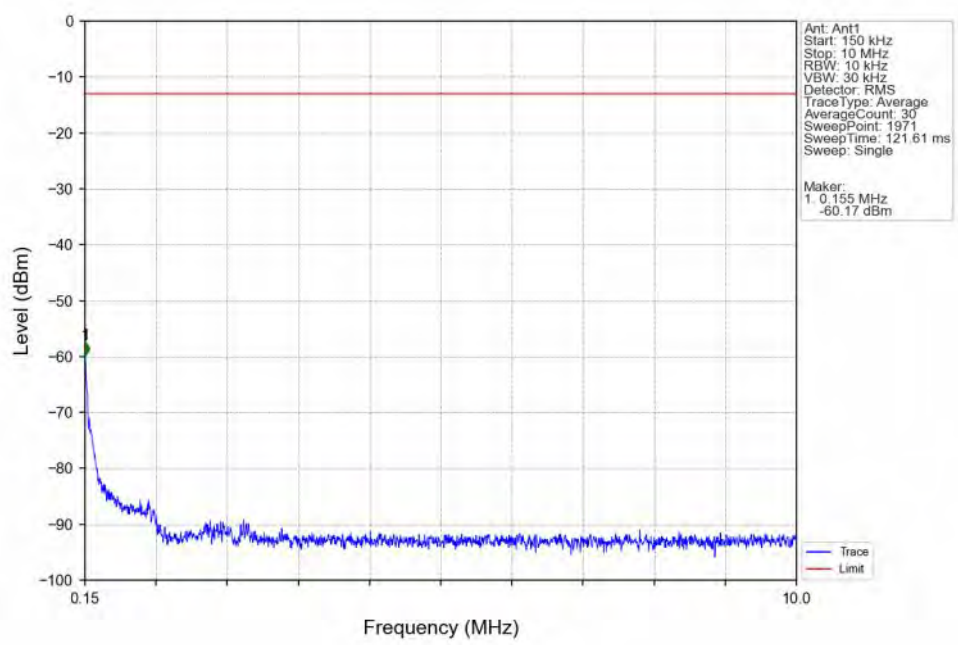


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-38.38	-13	Pass
1849	1850	0.003	/	2	1849.998	-31.05	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

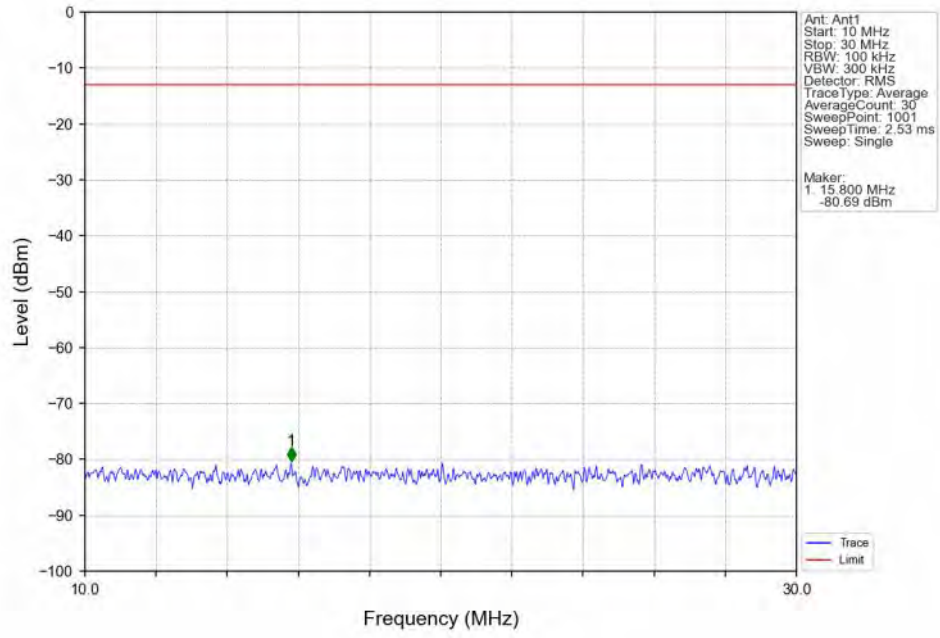
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



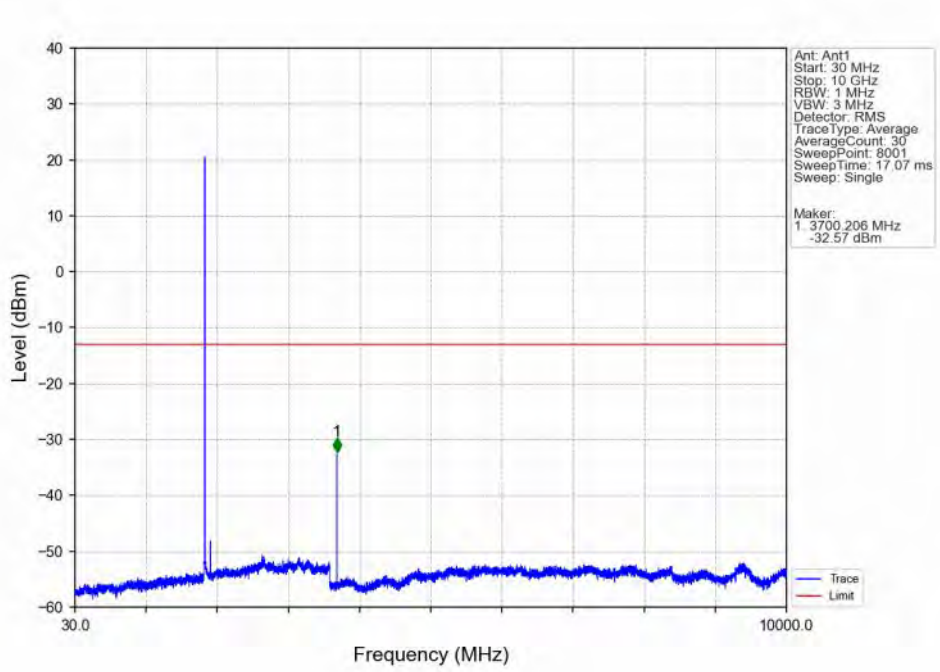
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



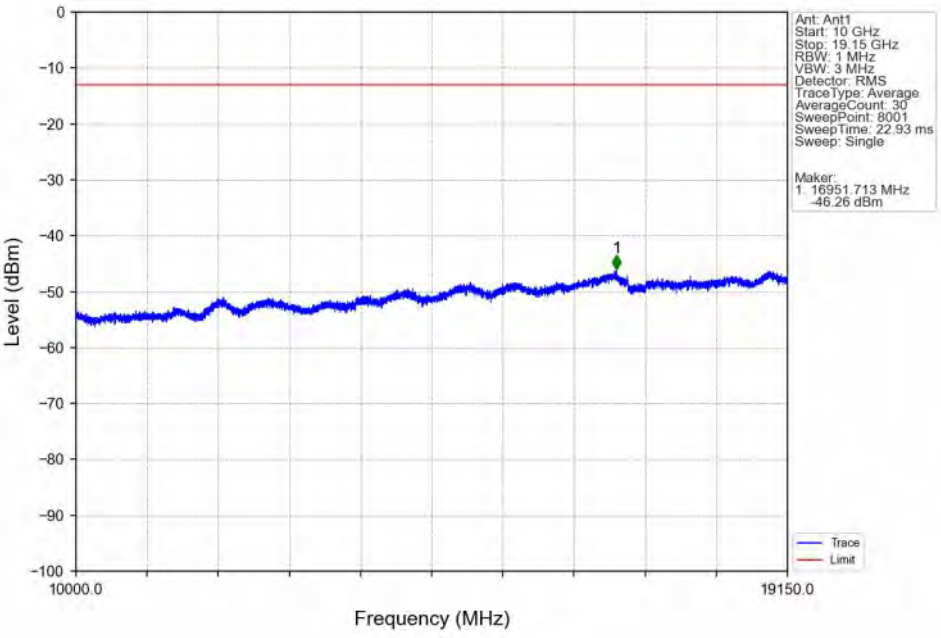
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



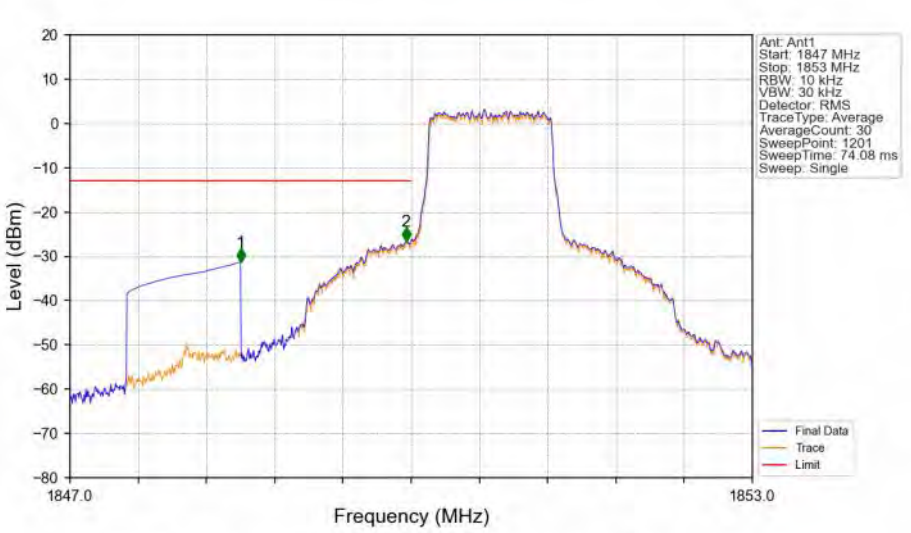
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

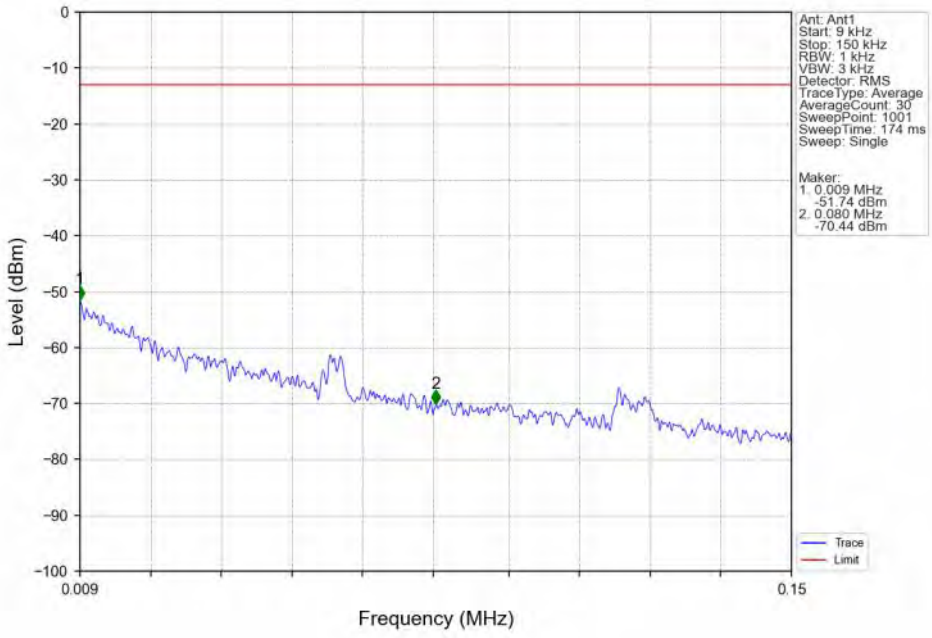


Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

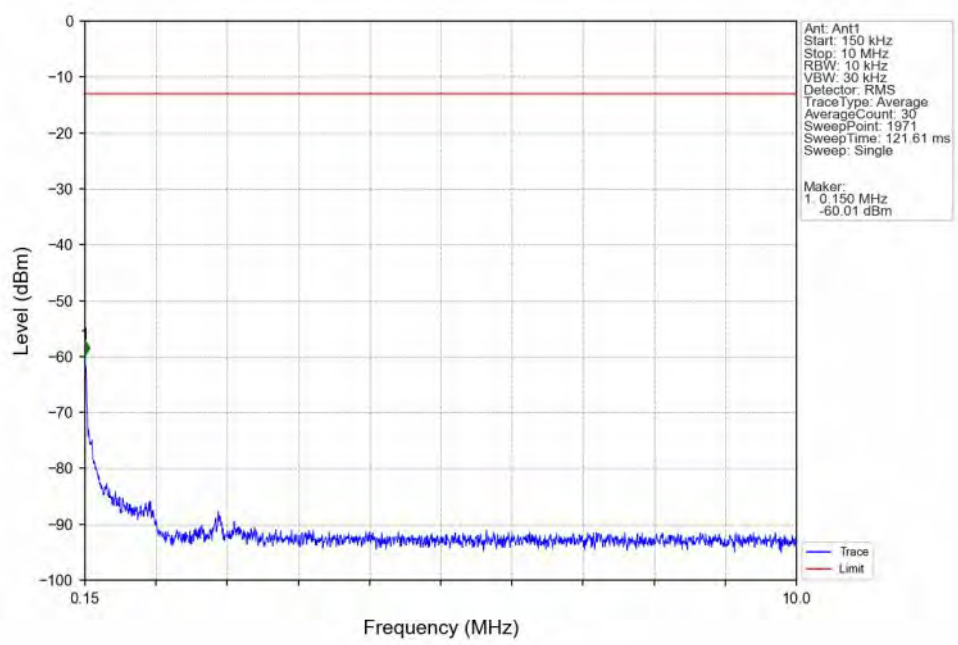


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-31.24	-13	Pass
1849	1850	0.013	CHP	2	1849.955	-26.54	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

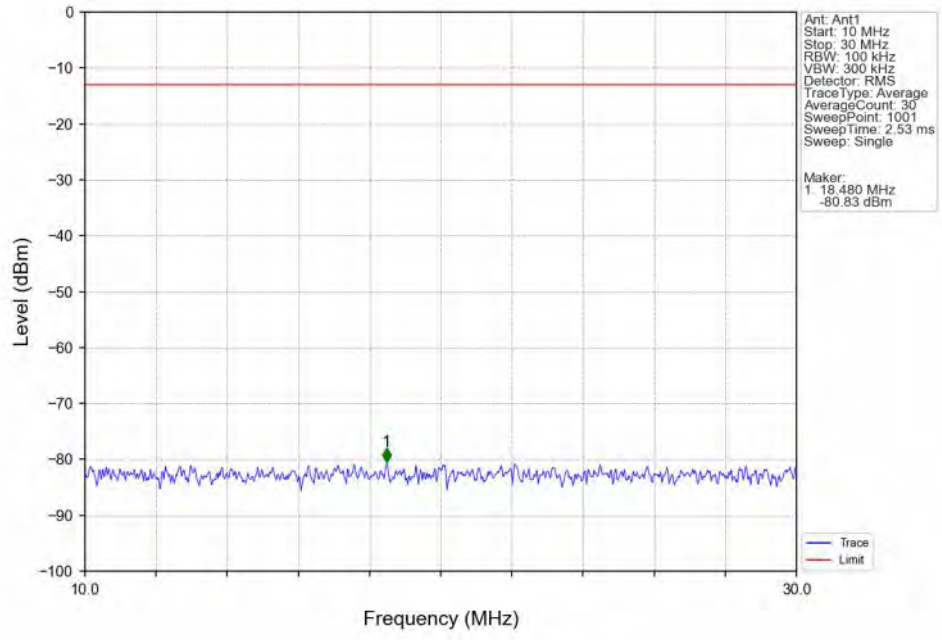
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



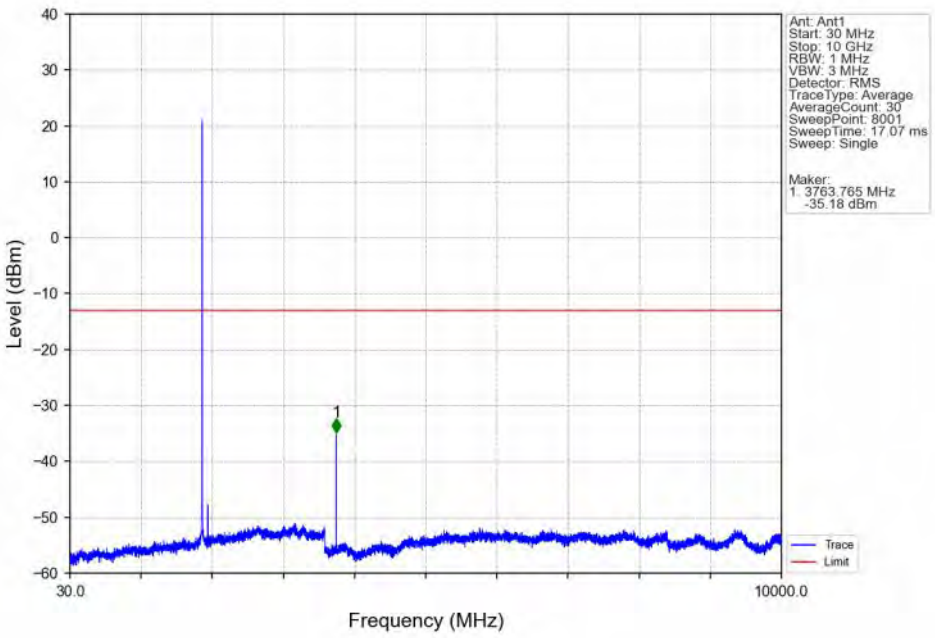
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



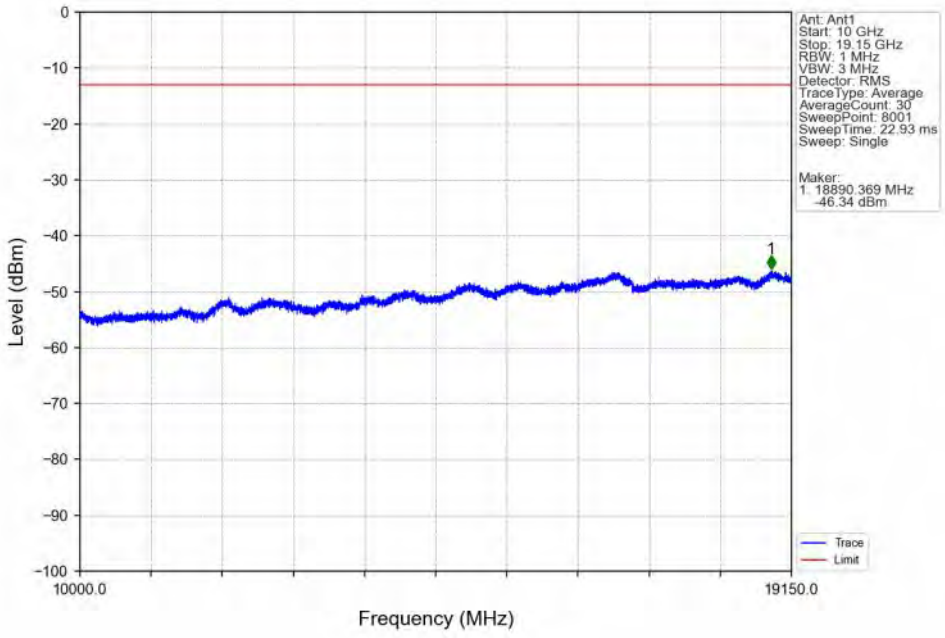
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



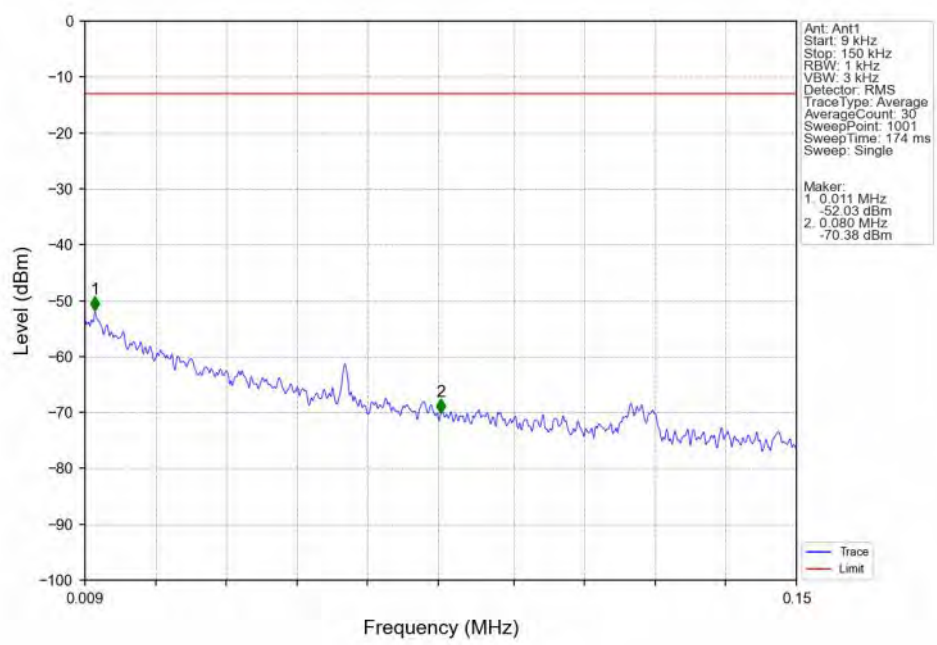
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



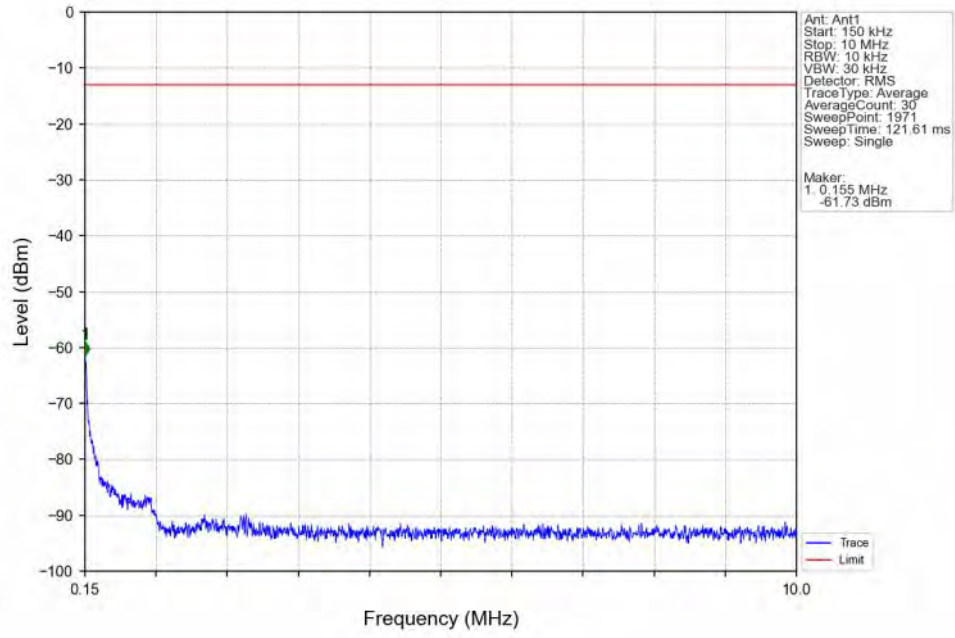
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



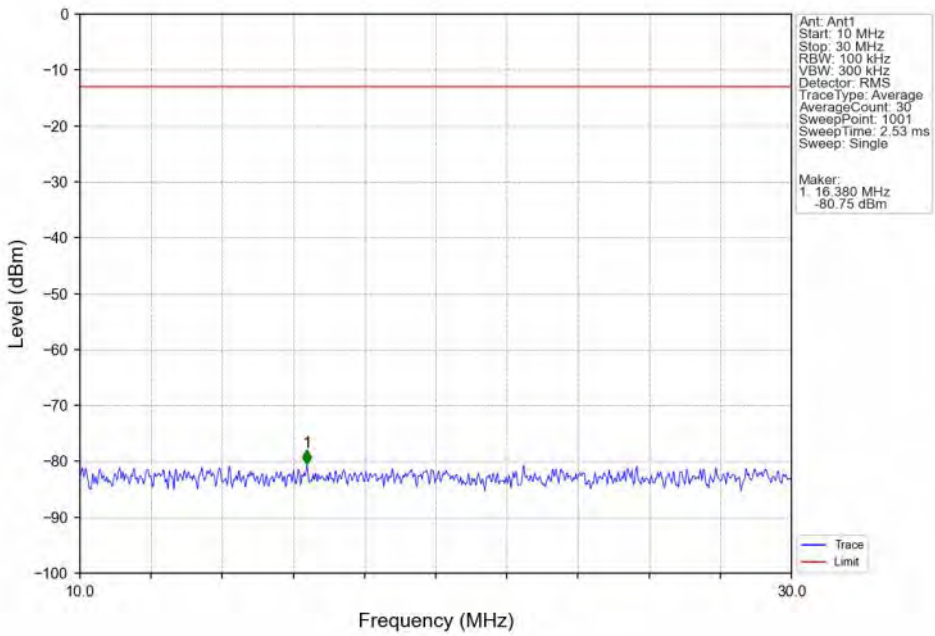
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



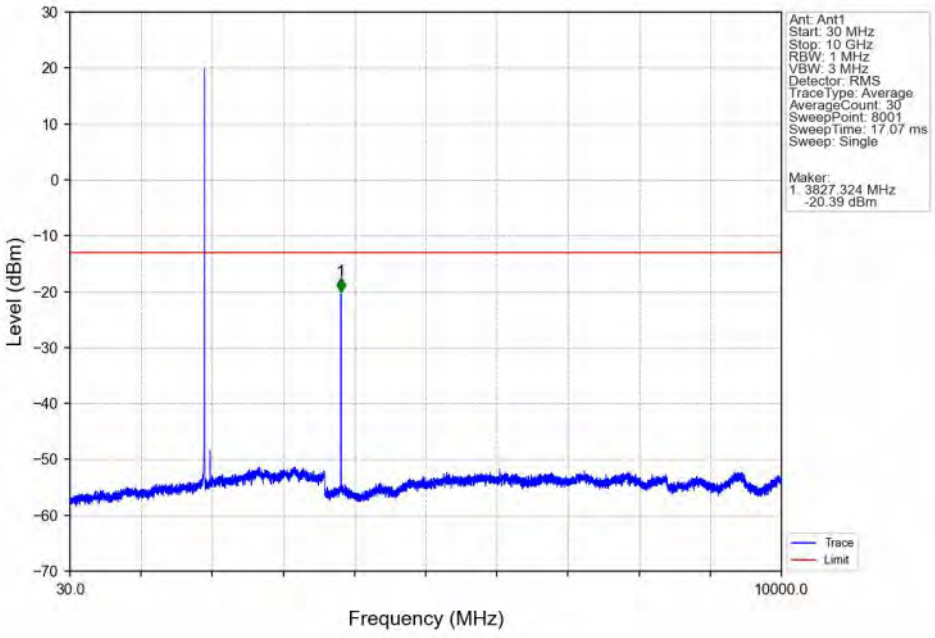
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



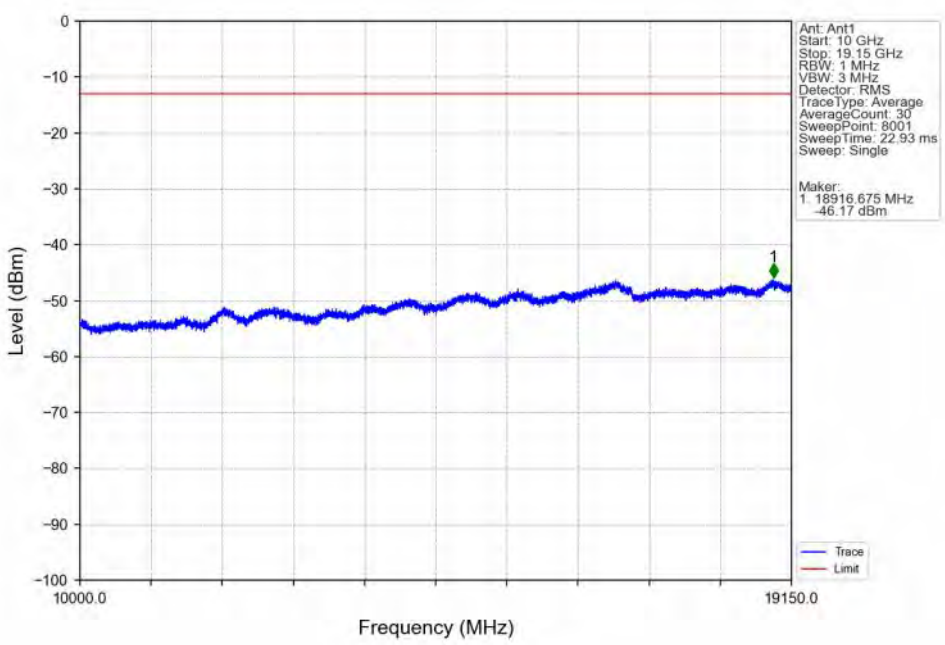
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



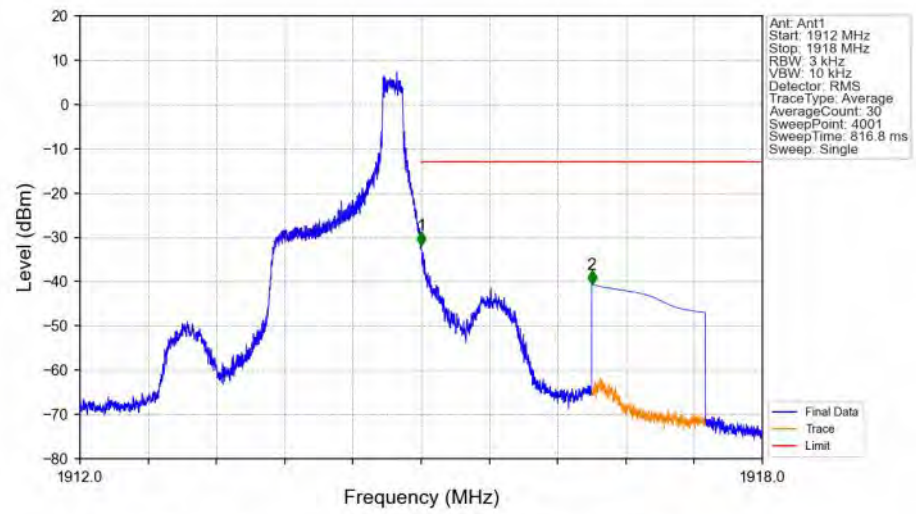
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_0_NTNV

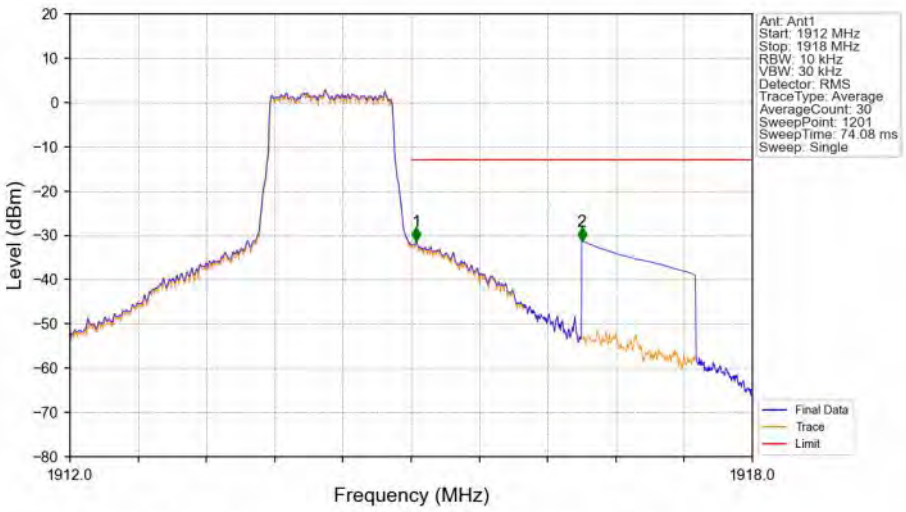


Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_1_5_NTNV



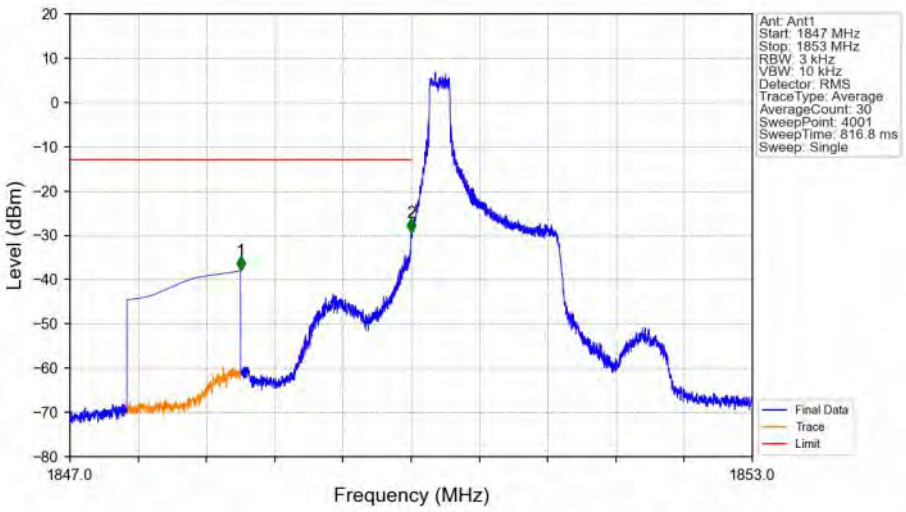
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-31.77	-13	Pass
1916	1918	1	CHP	2	1916.500	-40.67	-13	Pass

Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV

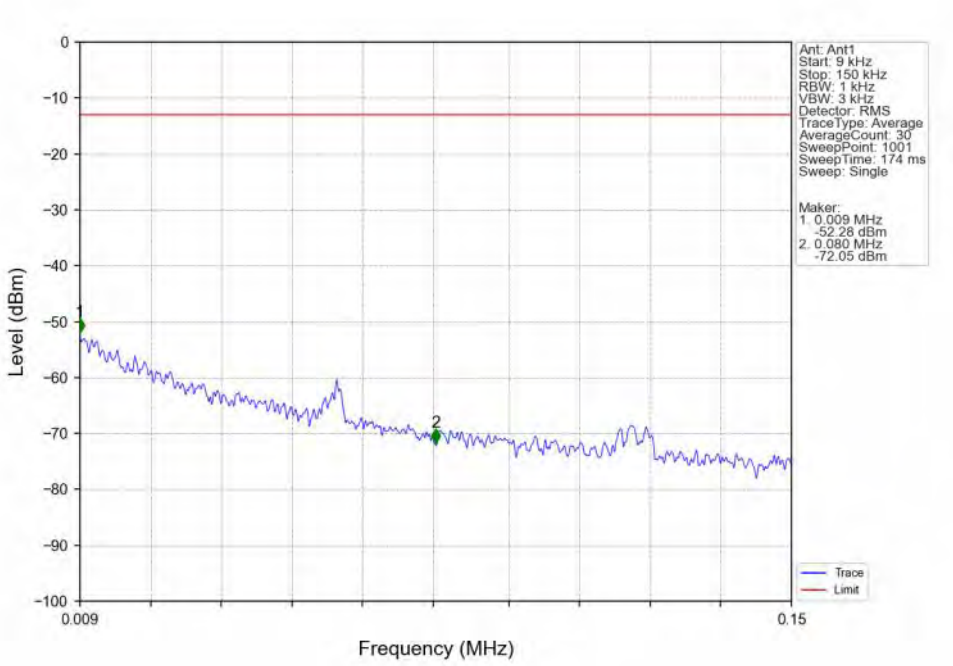
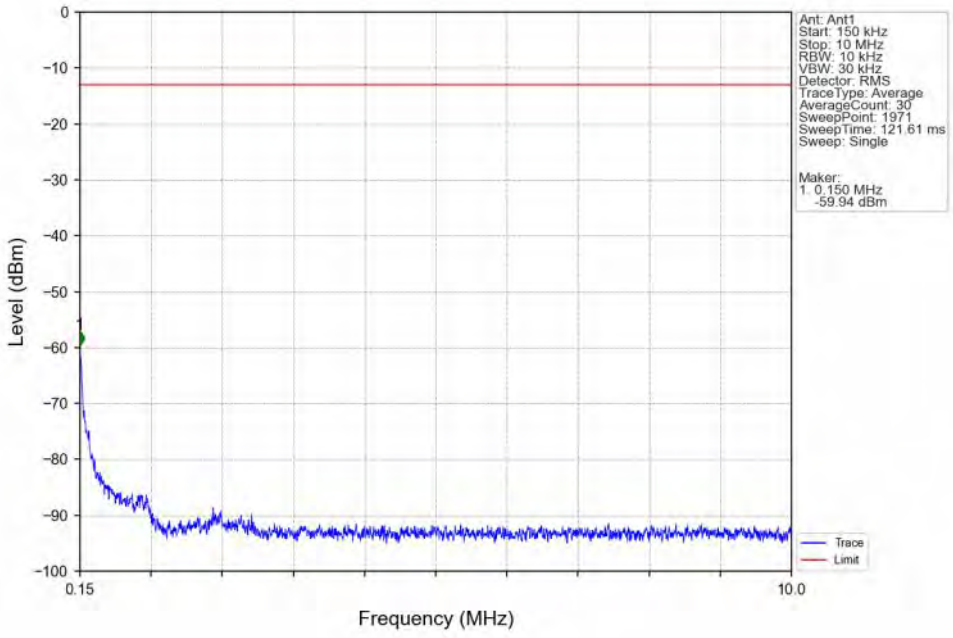


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.045	-31.31	-13	Pass
1916	1918	1	CHP	2	1916.500	-31.24	-13	Pass

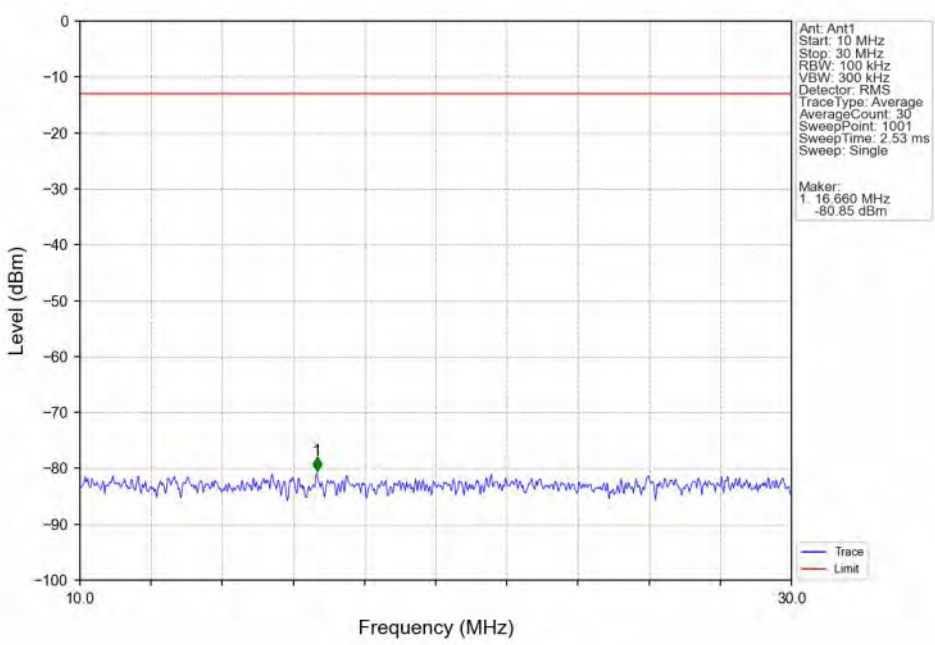
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



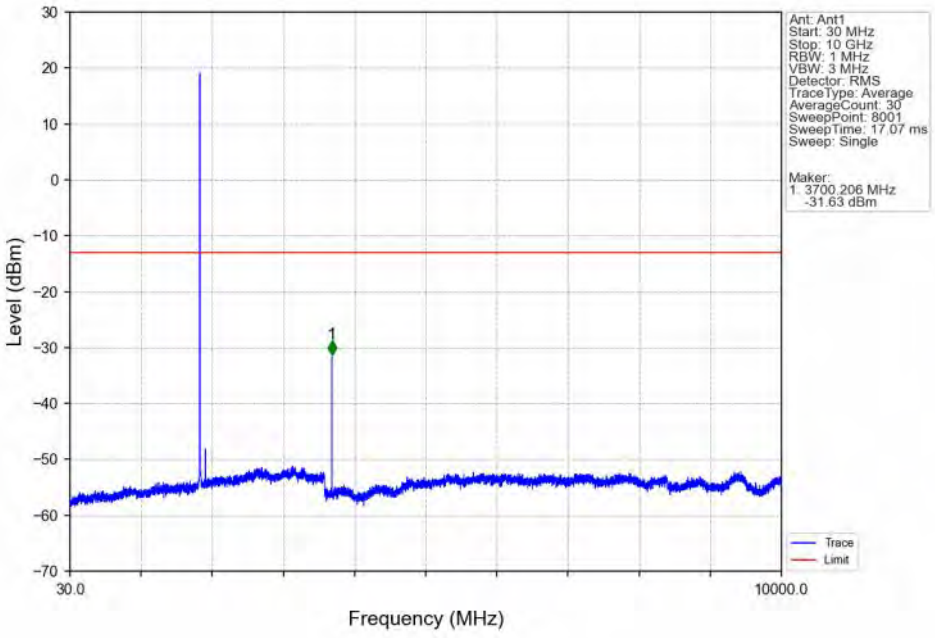
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-37.95	-13	Pass
1849	1850	0.003	/	2	1849.998	-29.36	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV


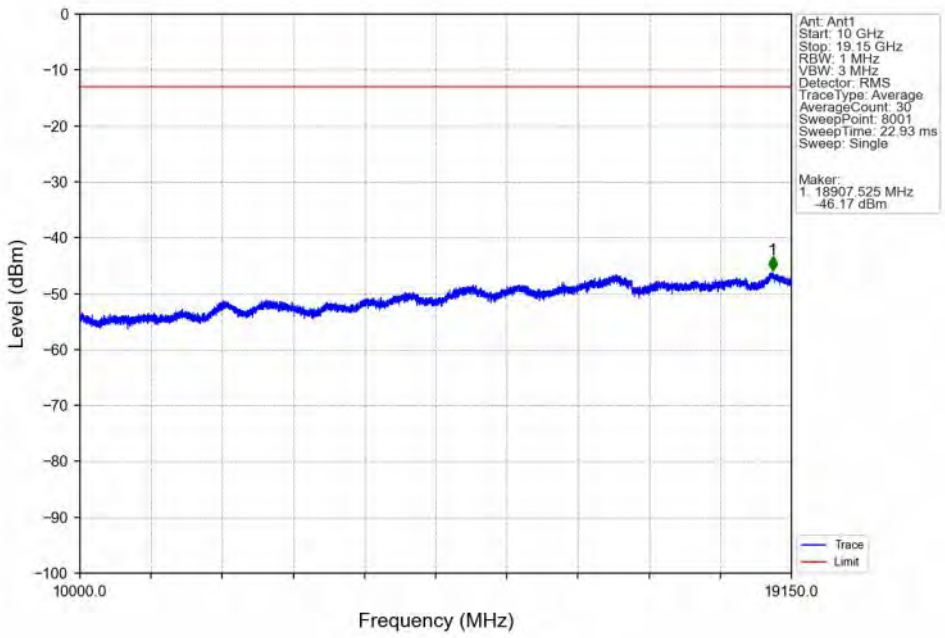
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



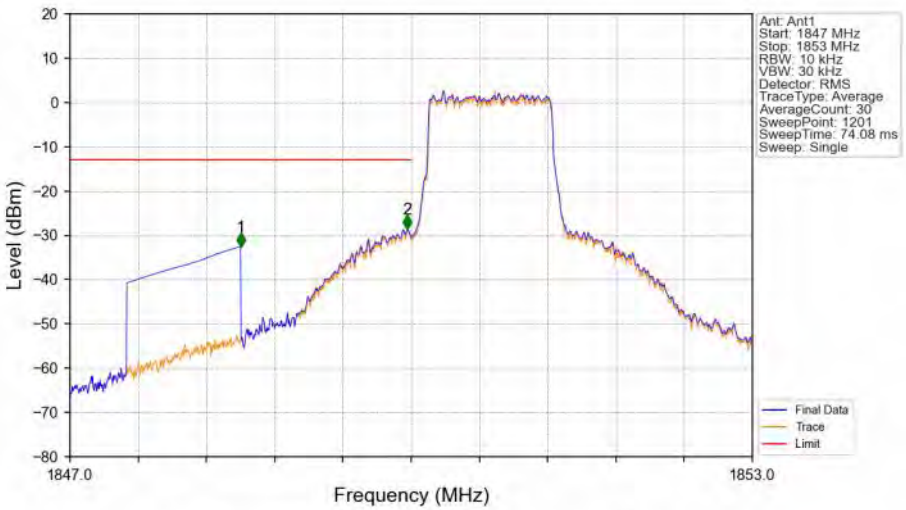
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

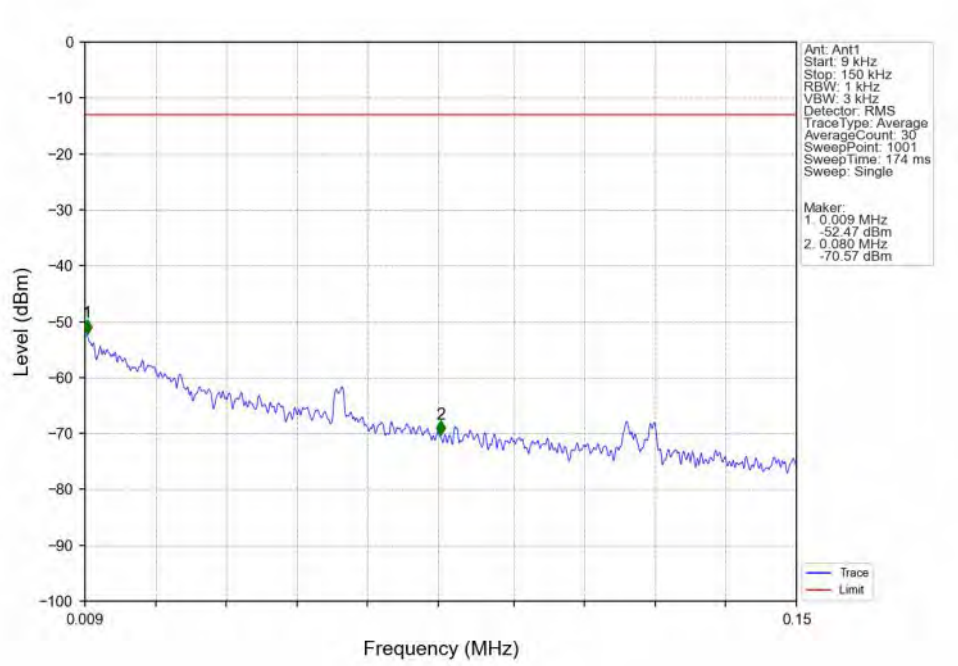


Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

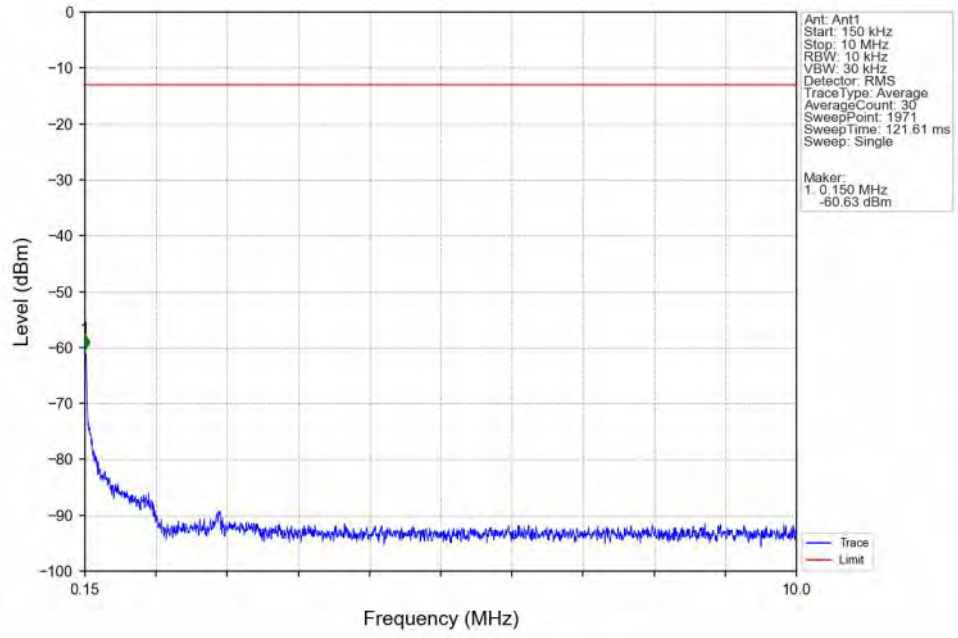


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-32.50	-13	Pass
1849	1850	0.013	CHP	2	1849.965	-28.65	-13	Pass
1850	1853	0.013	CHP	/	/	/	/	/

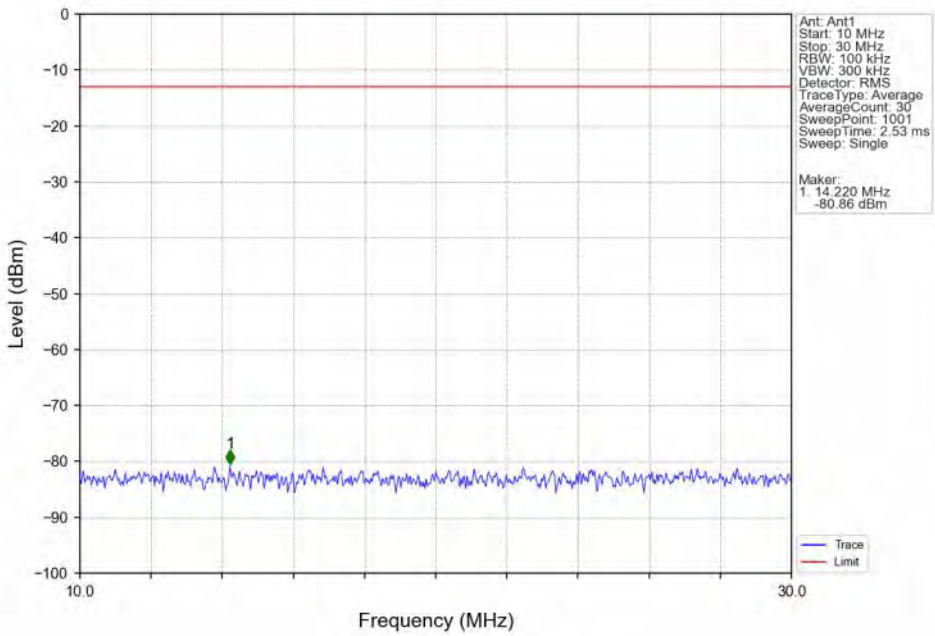
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



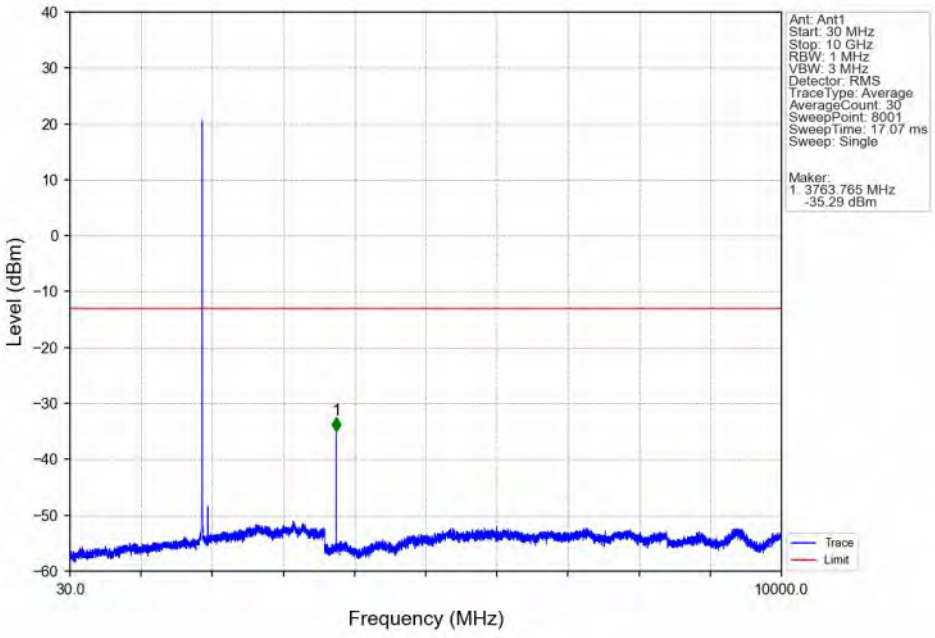
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



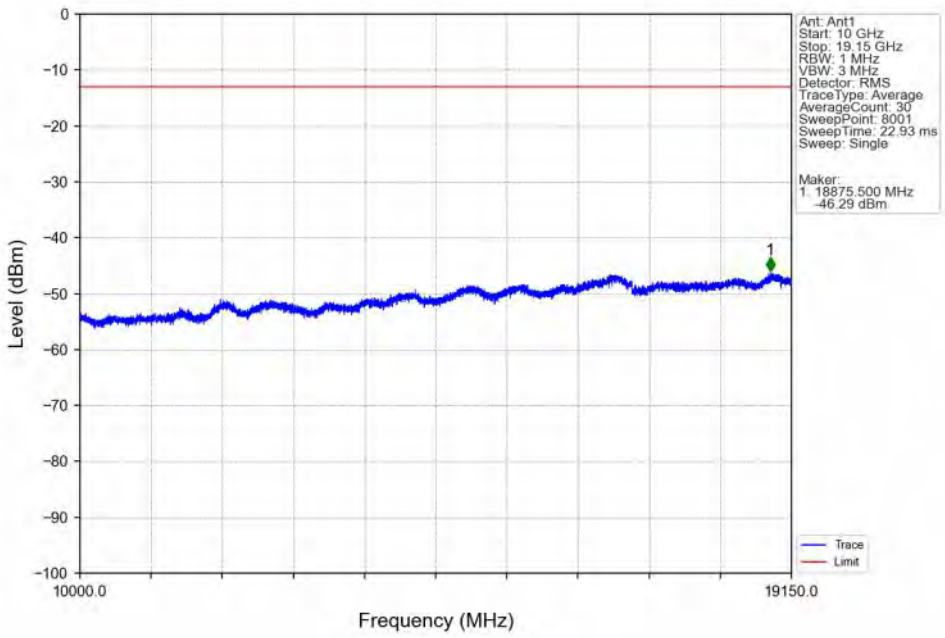
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



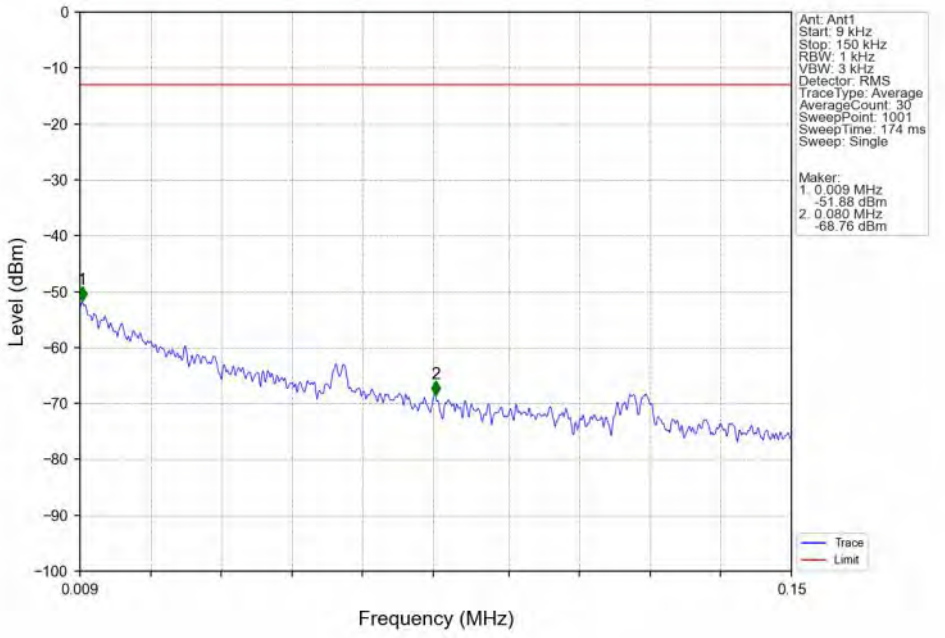
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



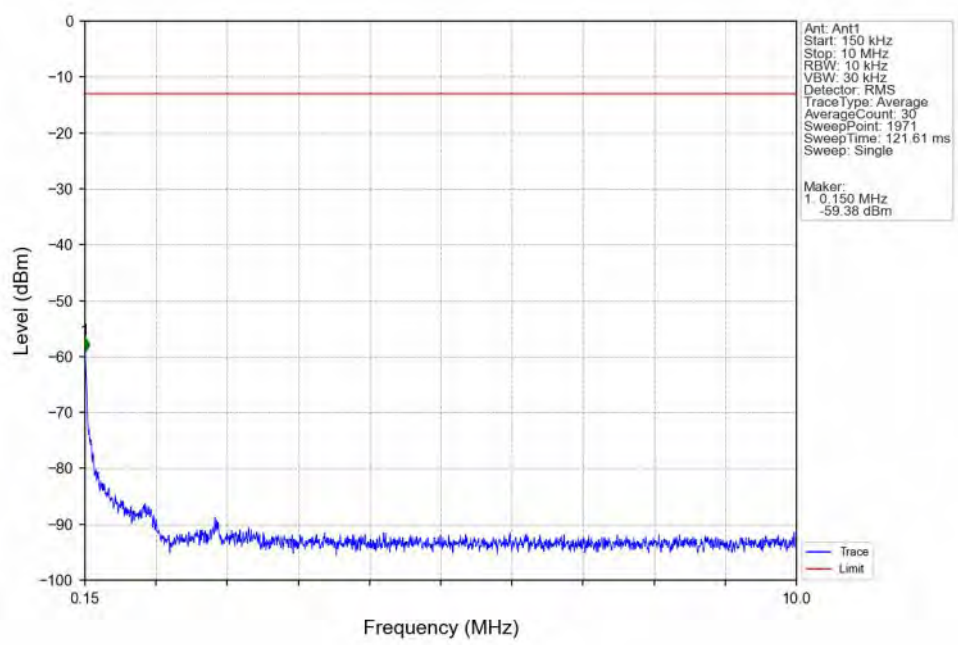
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



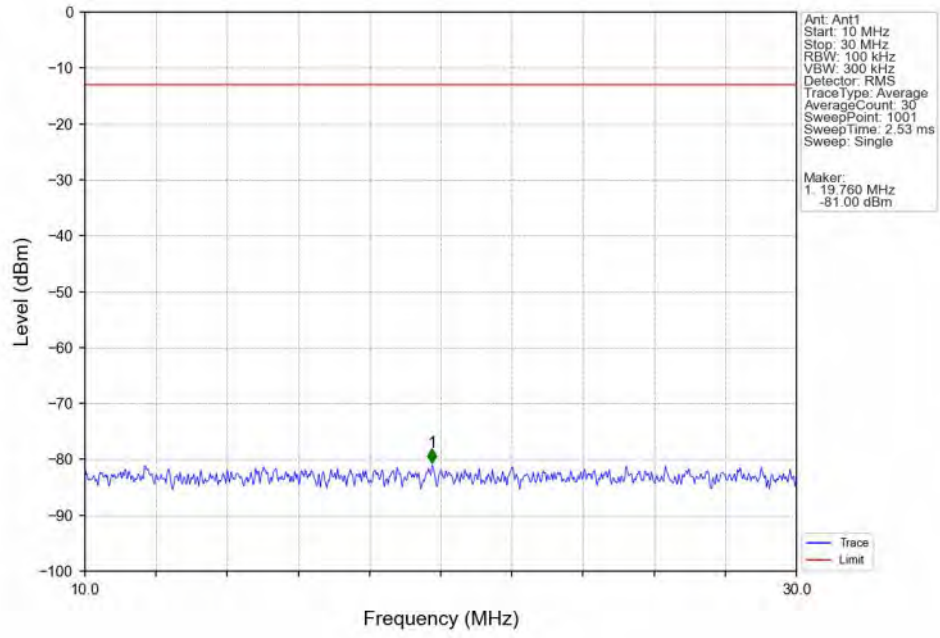
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



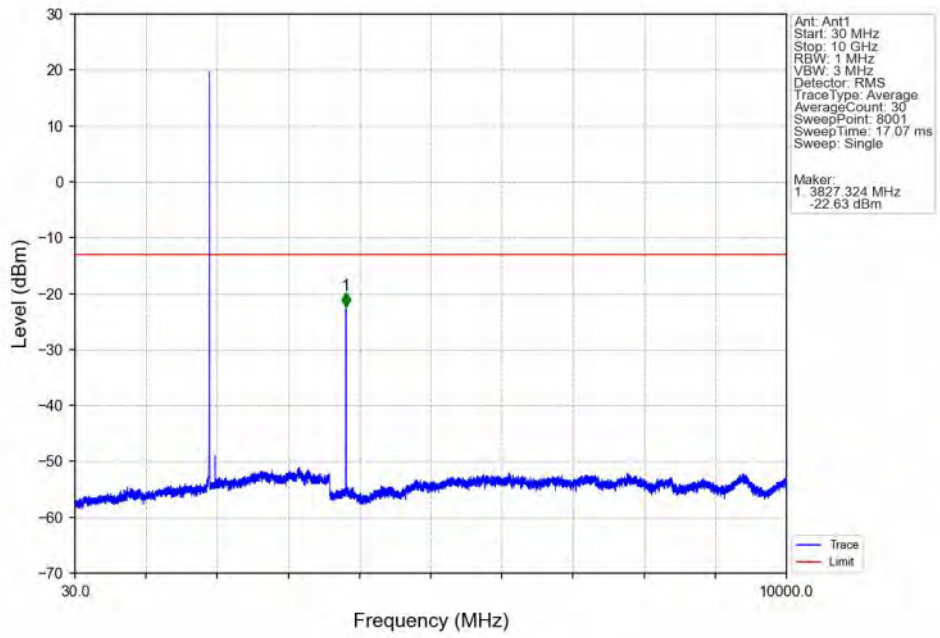
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



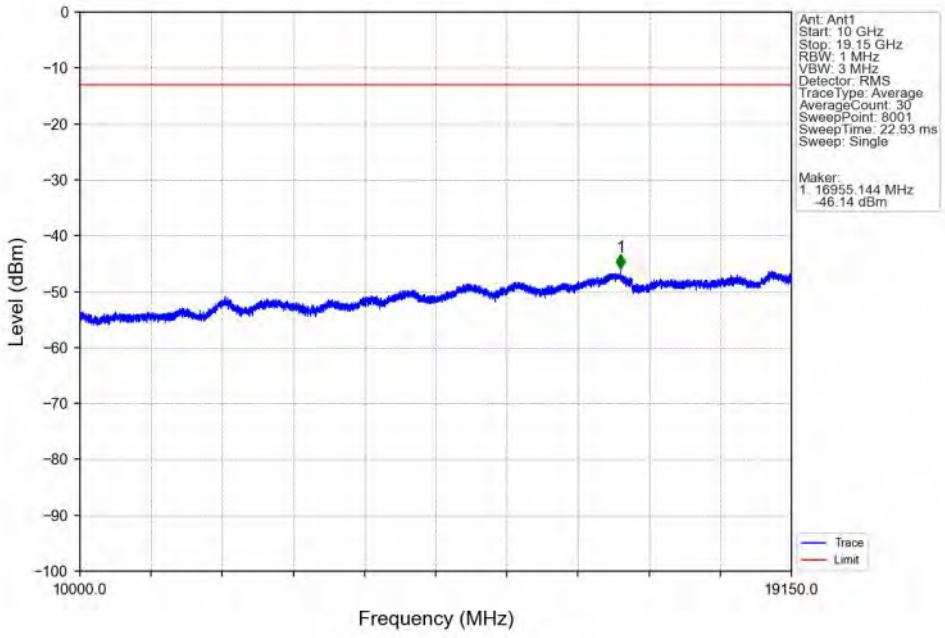
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



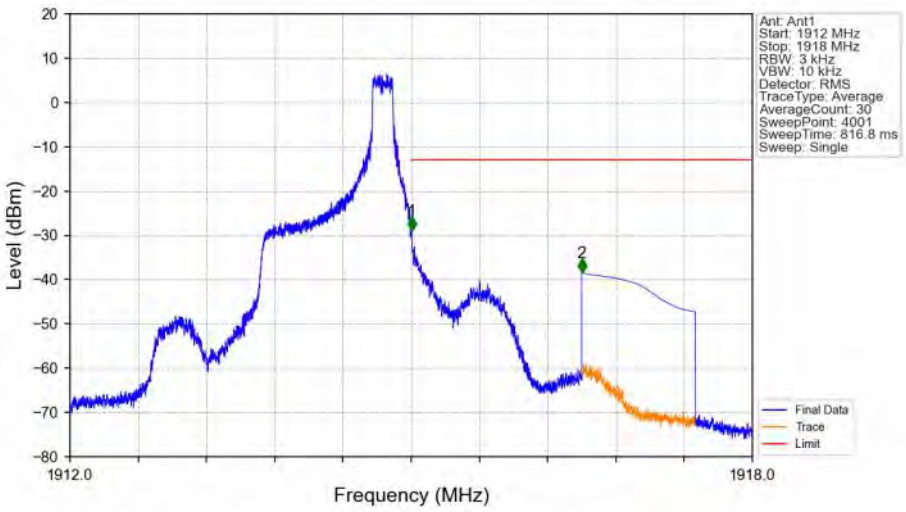
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV

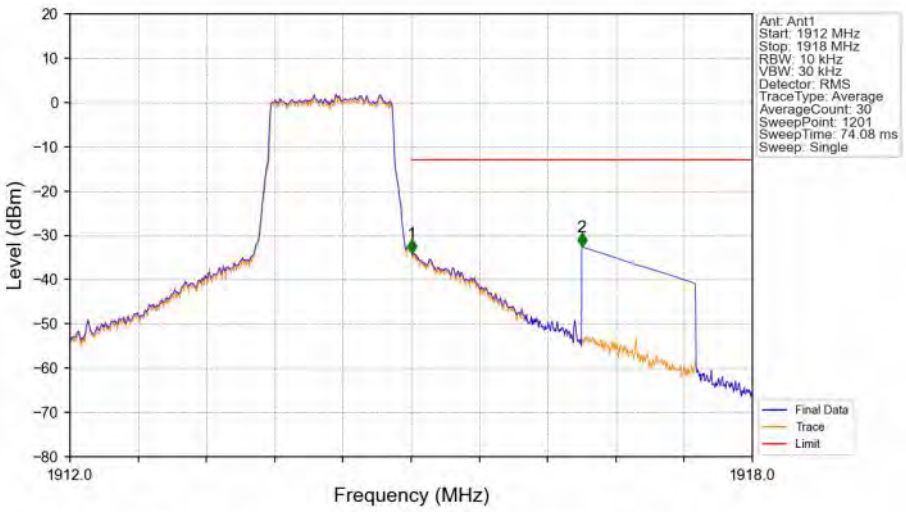


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-28.87	-13	Pass
1916	1918	1	CHP	2	1916.500	-38.41	-13	Pass

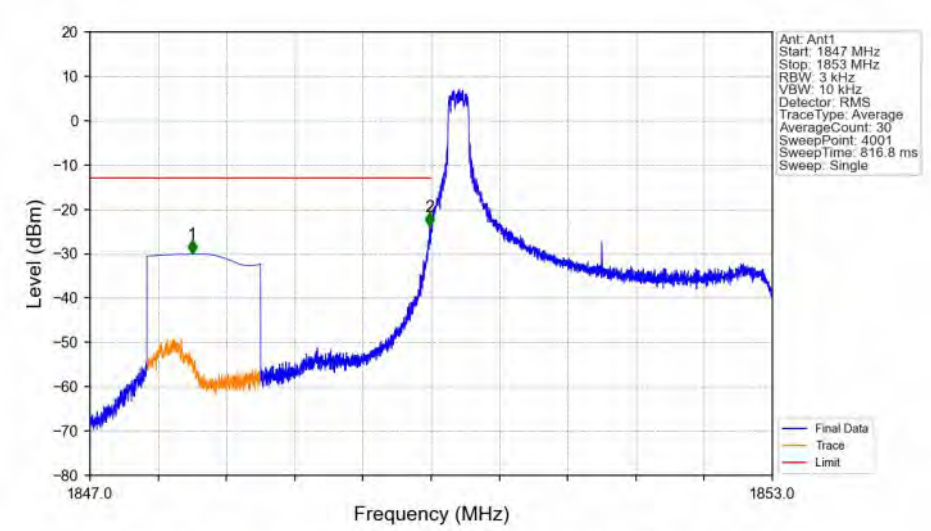
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.013	CHP	/	/	/	/	/
1915	1916	0.013	CHP	1	1915.005	-34.01	-13	Pass
1916	1918	1	CHP	2	1916.500	-32.62	-13	Pass

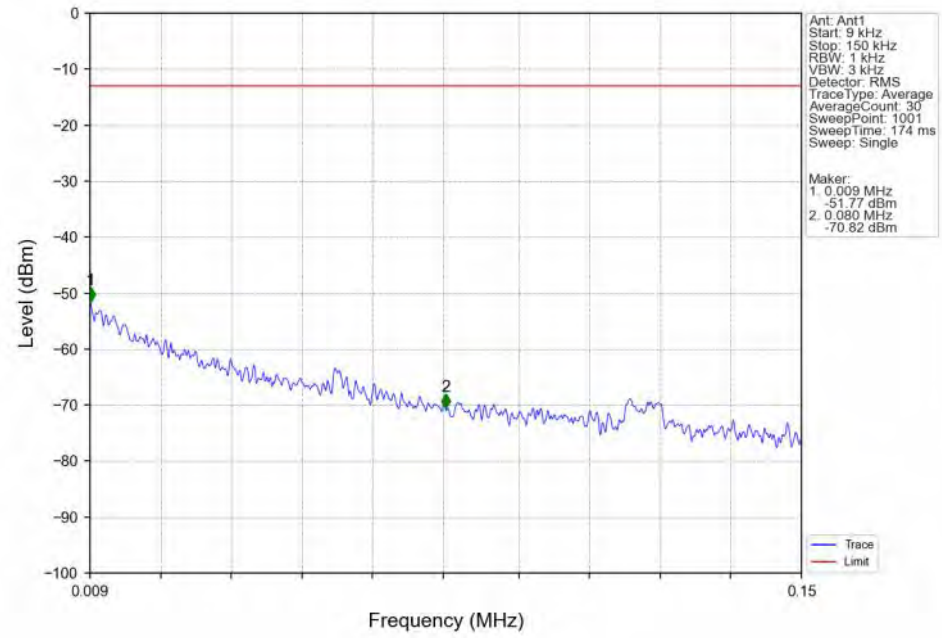
6.2.2 B25_3MHz

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

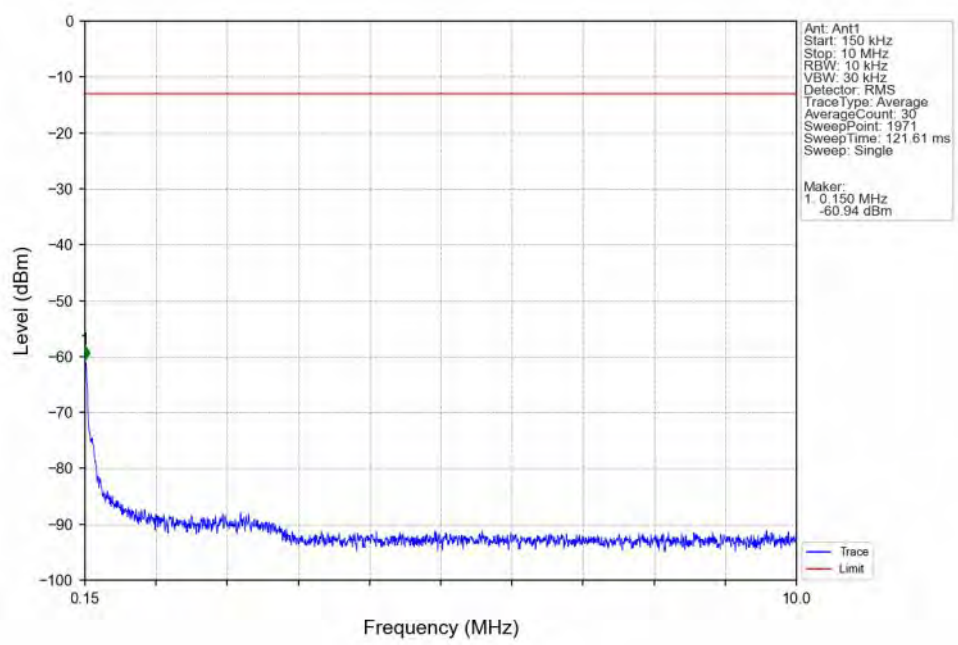


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.899	-30.06	-13	Pass
1849	1850	0.003	/	2	1849.988	-23.93	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

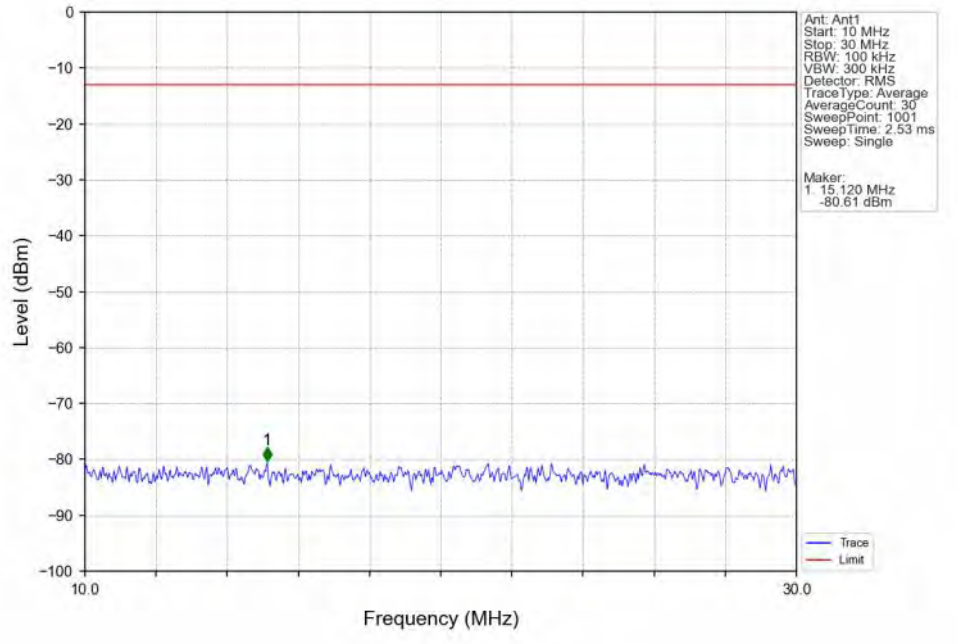
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



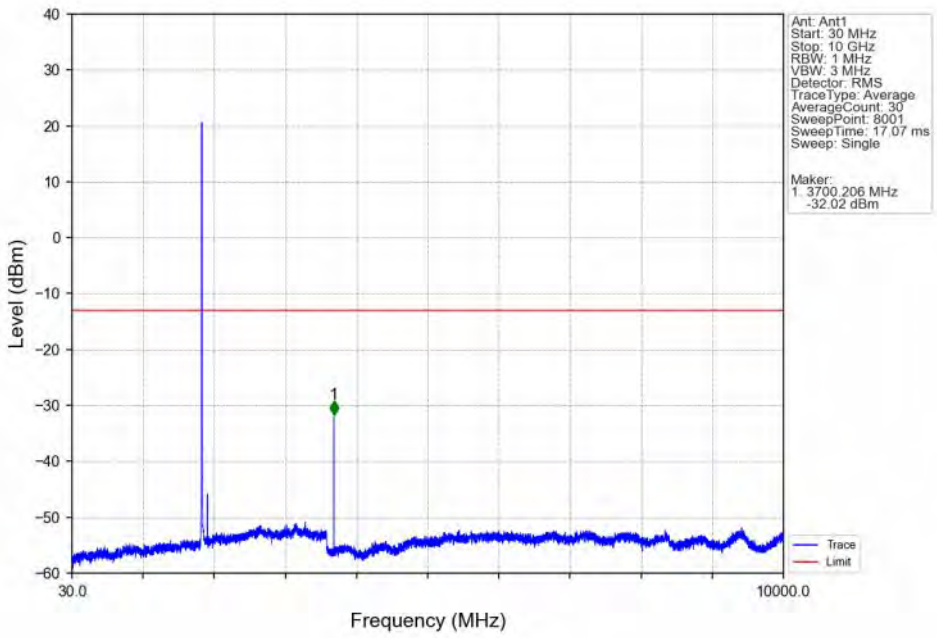
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



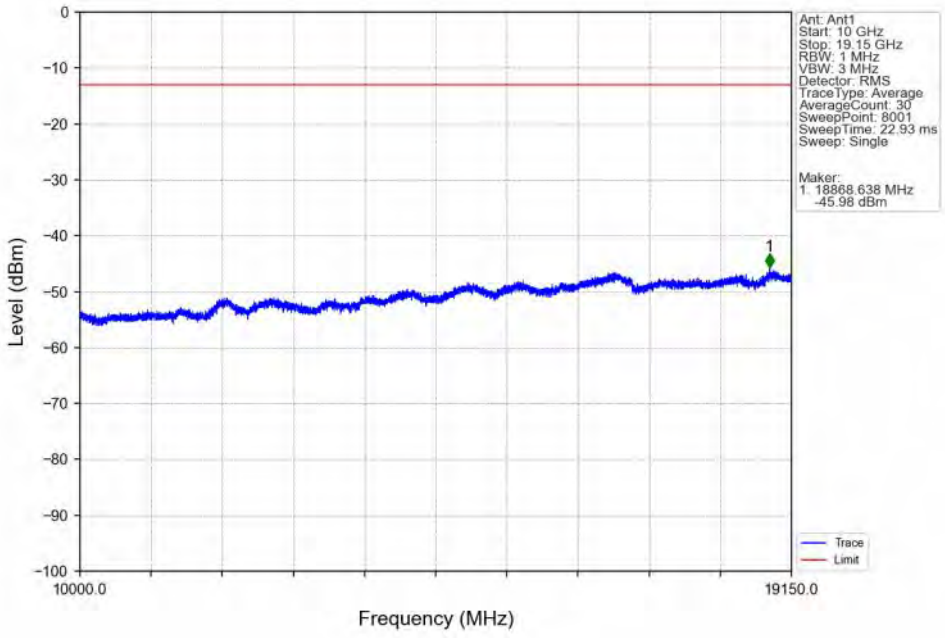
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



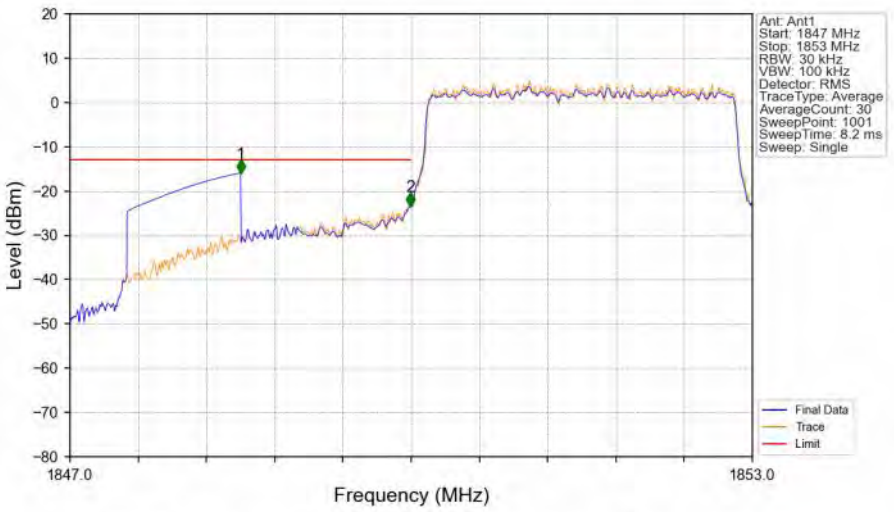
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

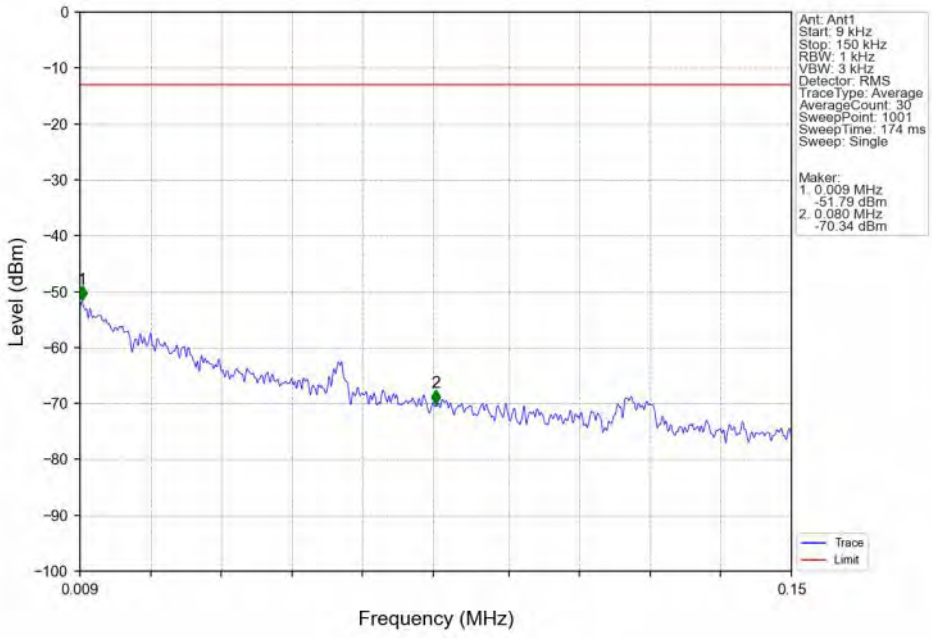


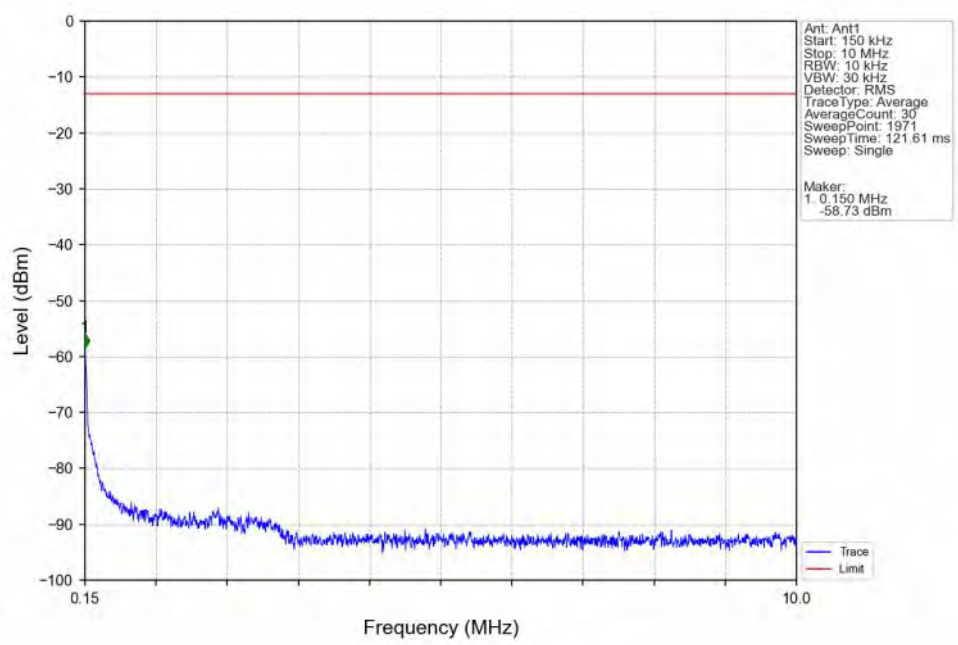
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

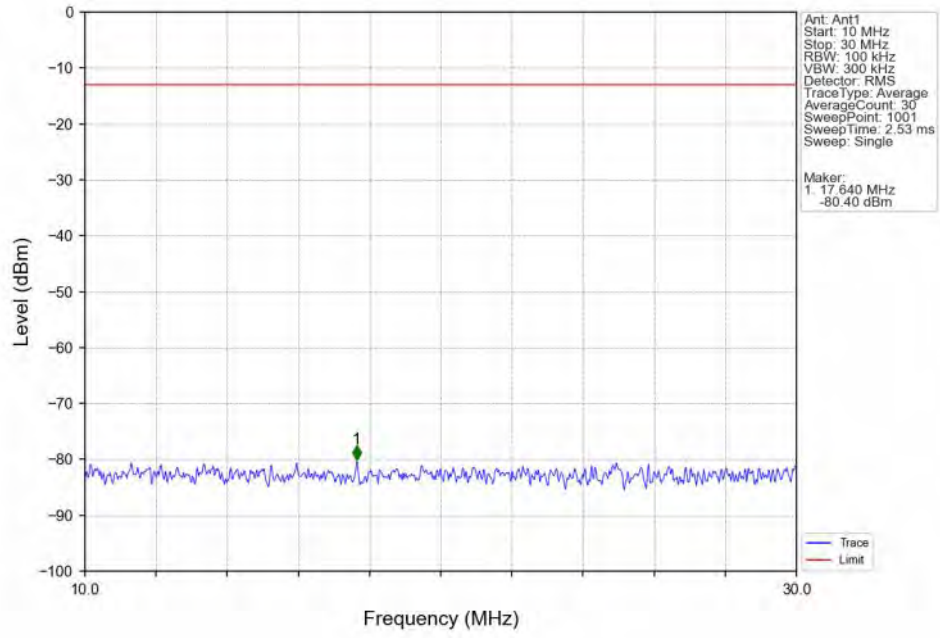


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-15.93	-13	Pass
1849	1850	0.031	CHP	2	1849.994	-23.56	-13	Pass
1850	1853	0.031	CHP	/	/	/	/	/

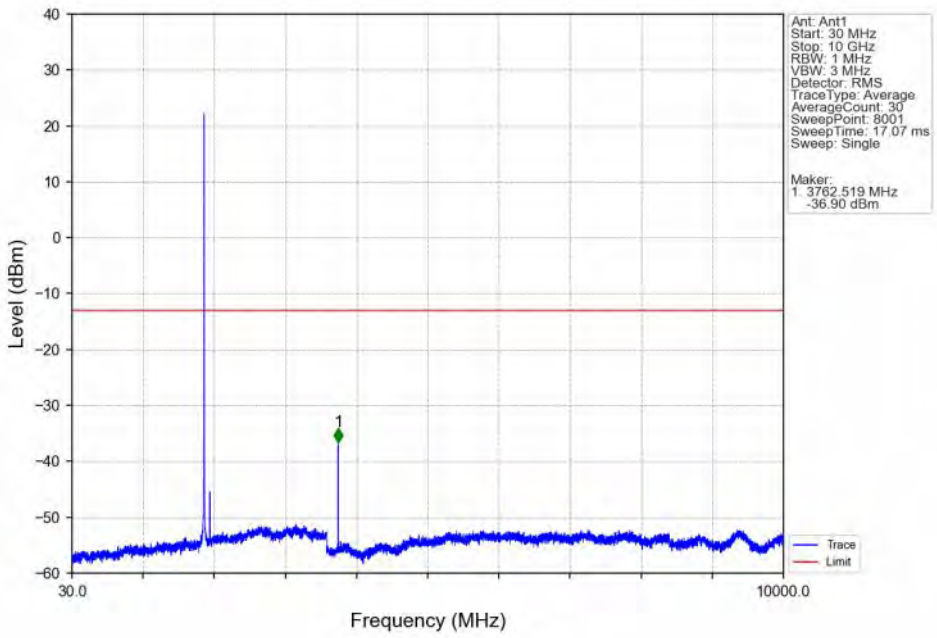
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



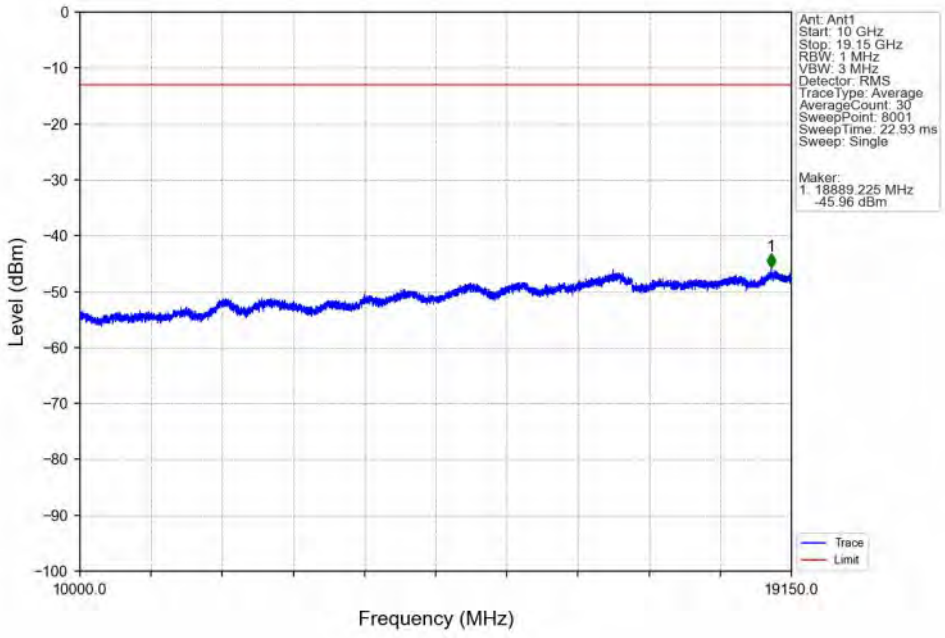
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV


Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV


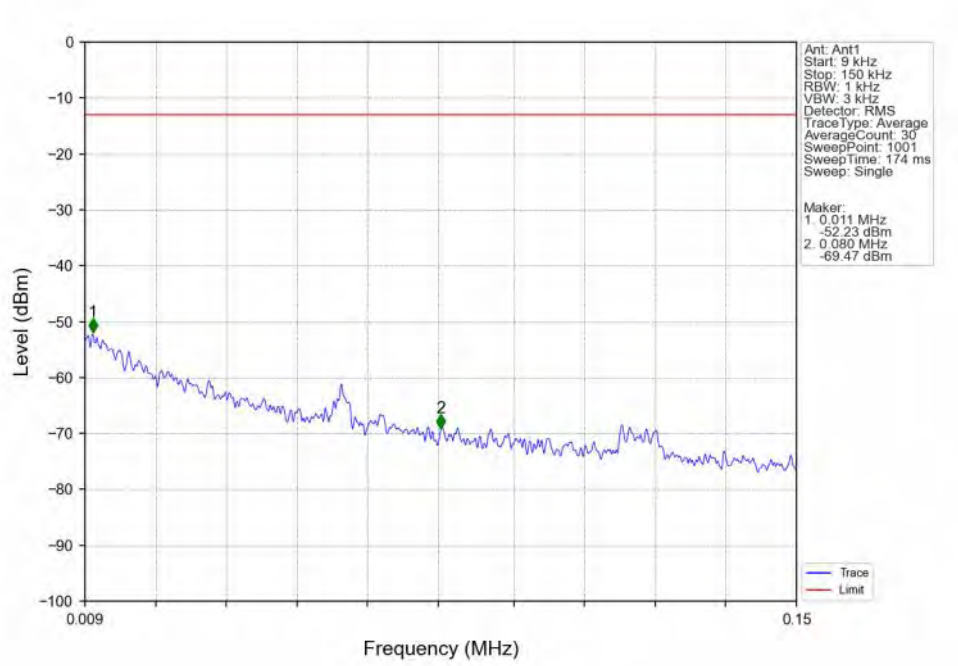
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



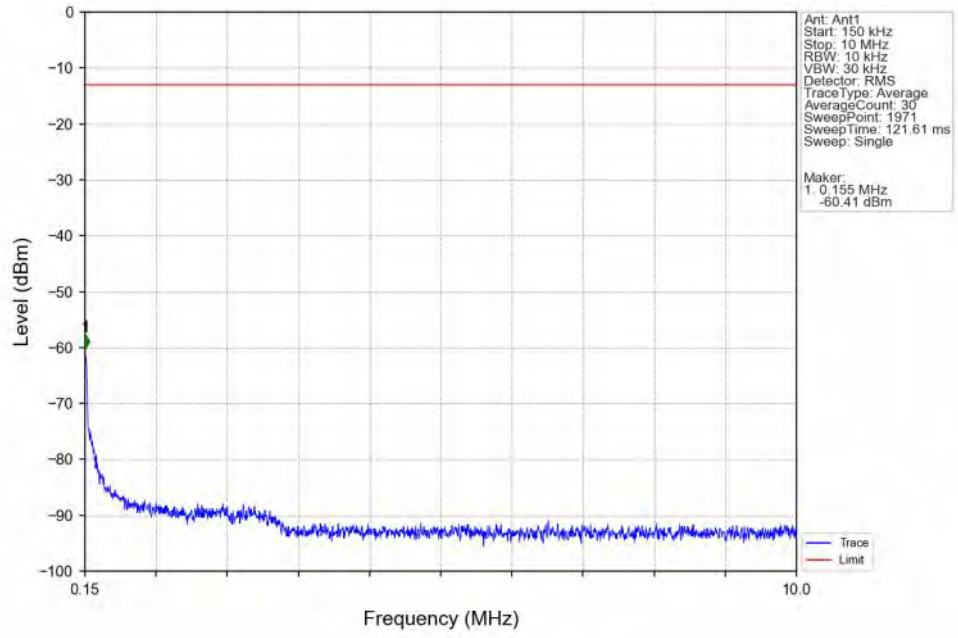
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



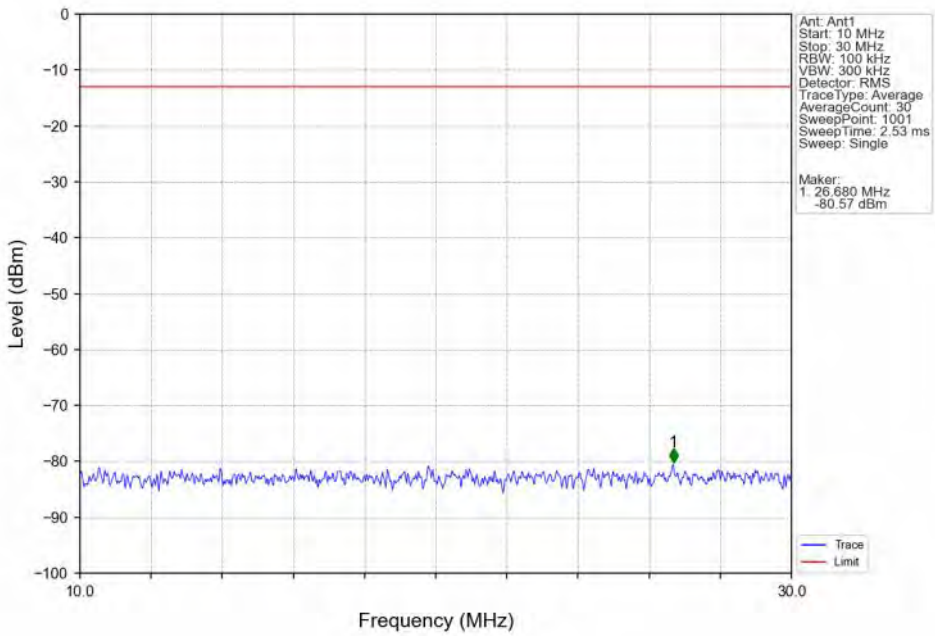
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



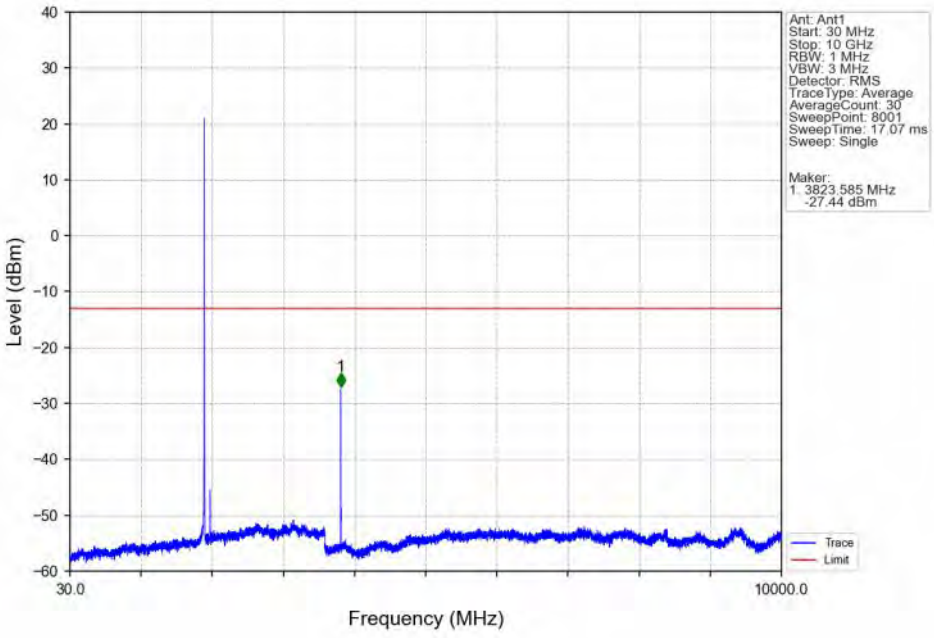
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



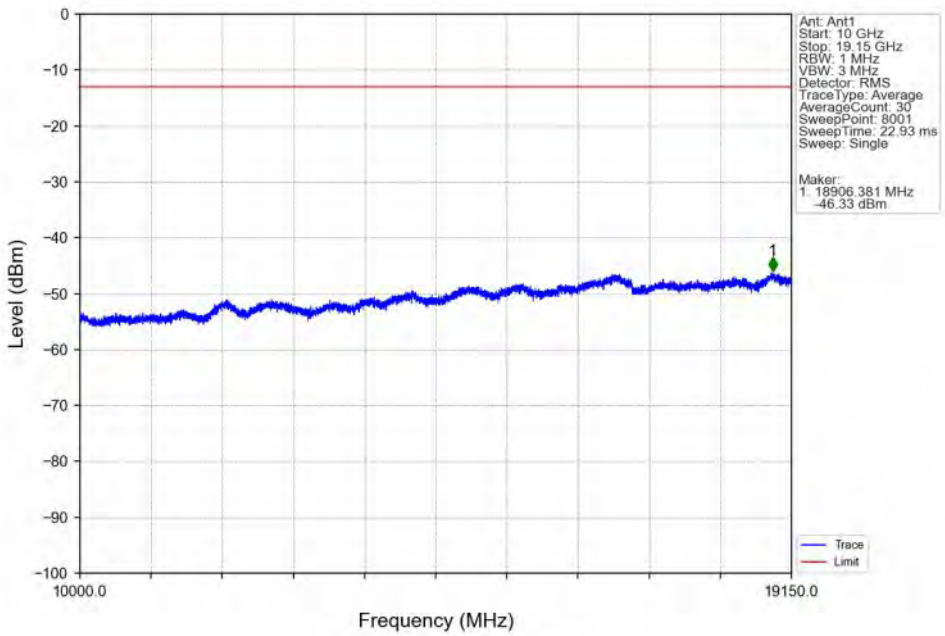
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



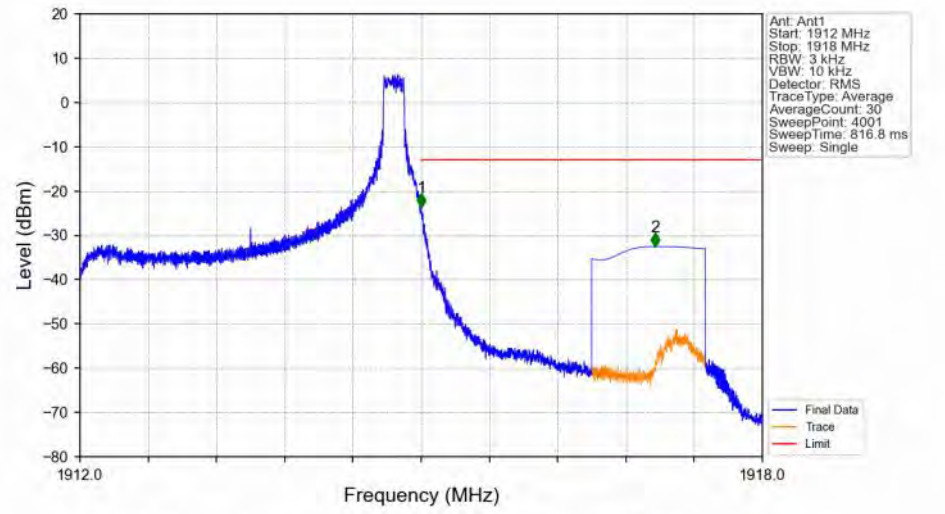
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV

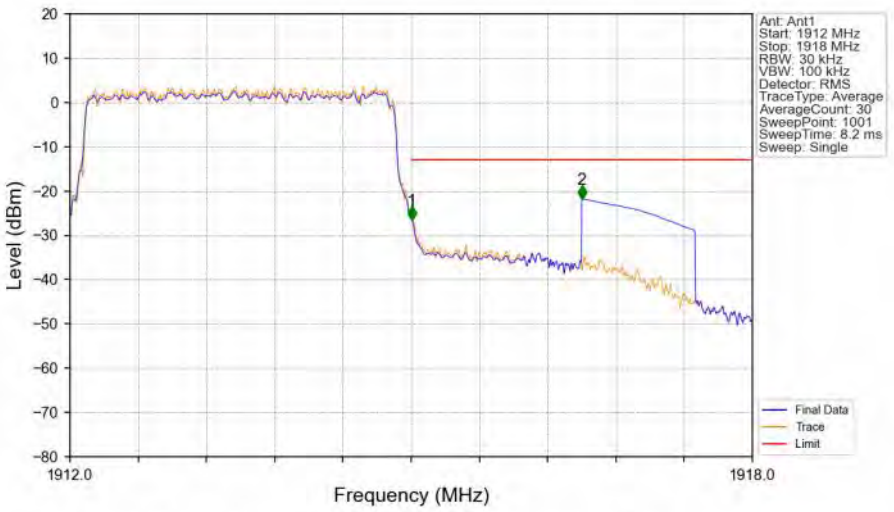


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV



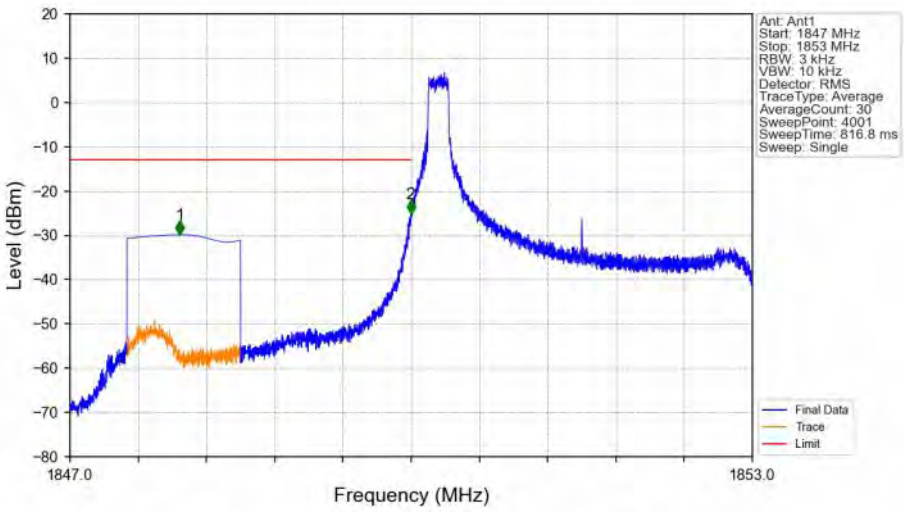
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.002	-23.58	-13	Pass
1916	1918	1	CHP	2	1917.058	-32.56	-13	Pass

Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



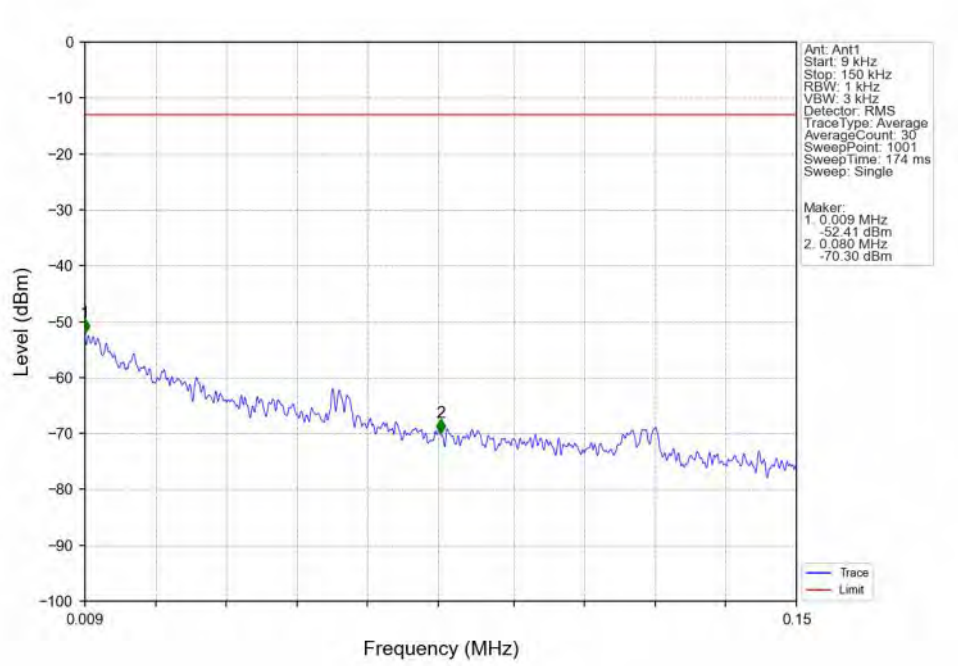
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.031	CHP	/	/	/	/	/
1915	1916	0.031	CHP	1	1915.006	-26.63	-13	Pass
1916	1918	1	CHP	2	1916.500	-21.82	-13	Pass

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	1847.966	-29.86	-13	Pass
1849	1850	0.003	/	2	1849.997	-25.09	-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