1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	21.43	-0.30	21.13	<=33.01	Pass
			2	21.48	-0.30	21.18	<=33.01	Pass
			5	21.48	-0.30	21.18	<=33.01	Pass
		3	0	21.46	-0.30	21.16	<=33.01	Pass
			2	21.52	-0.30	21.22	<=33.01	Pass
			3	21.49	-0.30	21.19	<=33.01	Pass
		6	0	20.46	-0.30	20.16	<=33.01	Pass
	1882.5	1	0	21.17	-0.30	20.87	<=33.01	Pass
			2	21.23	-0.30	20.93	<=33.01	Pass
			5	21.18	-0.30	20.88	<=33.01	Pass
		3	0	21.26	-0.30	20.96	<=33.01	Pass
			2	21.32	-0.30	21.02	<=33.01	Pass
			3	21.27	-0.30	20.97	<=33.01	Pass
		6	0	20.24	-0.30	19.94	<=33.01	Pass
	1914.3	1	0	20.74	-0.30	20.44	<=33.01	Pass
			2	20.76	-0.30	20.46	<=33.01	Pass
			5	20.81	-0.30	20.51	<=33.01	Pass
		3	0	20.79	-0.30	20.49	<=33.01	Pass
			2	20.70	-0.30	20.40	<=33.01	Pass
			3	20.78	-0.30	20.48	<=33.01	Pass
		6	0	19.77	-0.30	19.47	<=33.01	Pass
16QAM	1850.7	1	0	20.57	-0.30	20.27	<=33.01	Pass
			2	20.52	-0.30	20.22	<=33.01	Pass
			5	20.57	-0.30	20.27	<=33.01	Pass
		3	0	20.36	-0.30	20.06	<=33.01	Pass
			2	20.38	-0.30	20.08	<=33.01	Pass
			3	20.35	-0.30	20.05	<=33.01	Pass
		6	0	19.63	-0.30	19.33	<=33.01	Pass
	1882.5	1	0	21.05	-0.30	20.75	<=33.01	Pass
			2	21.11	-0.30	20.81	<=33.01	Pass
			5	21.00	-0.30	20.70	<=33.01	Pass
		3	0	20.47	-0.30	20.17	<=33.01	Pass
			2	20.46	-0.30	20.16	<=33.01	Pass
			3	20.30	-0.30	20.00	<=33.01	Pass
		6	0	19.42	-0.30	19.12	<=33.01	Pass
	1914.3	1	0	19.88	-0.30	19.58	<=33.01	Pass
			2	19.85	-0.30	19.55	<=33.01	Pass
			5	19.88	-0.30	19.58	<=33.01	Pass
		3	0	19.69	-0.30	19.39	<=33.01	Pass
			2	19.75	-0.30	19.45	<=33.01	Pass
			3	19.69	-0.30	19.39	<=33.01	Pass
		6	0	18.96	-0.30	18.66	<=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	21.38	-0.30	21.08	<=33.01	Pass
			7	21.51	-0.30	21.21	<=33.01	Pass
			14	21.44	-0.30	21.14	<=33.01	Pass
		8	0	20.42	-0.30	20.12	<=33.01	Pass
			4	20.55	-0.30	20.25	<=33.01	Pass
			7	20.48	-0.30	20.18	<=33.01	Pass
		15	0	20.46	-0.30	20.16	<=33.01	Pass
	1882.5	1	0	21.20	-0.30	20.90	<=33.01	Pass
			7	21.21	-0.30	20.91	<=33.01	Pass
			14	21.23	-0.30	20.93	<=33.01	Pass
		8	0	20.28	-0.30	19.98	<=33.01	Pass
			4	20.24	-0.30	19.94	<=33.01	Pass
			7	20.23	-0.30	19.93	<=33.01	Pass
		15	0	20.20	-0.30	19.90	<=33.01	Pass
	1913.5	1	0	20.82	-0.30	20.52	<=33.01	Pass
			7	20.78	-0.30	20.48	<=33.01	Pass
			14	20.74	-0.30	20.44	<=33.01	Pass
		8	0	19.90	-0.30	19.60	<=33.01	Pass
			4	19.81	-0.30	19.51	<=33.01	Pass
			7	19.91	-0.30	19.61	<=33.01	Pass
		15	0	19.81	-0.30	19.51	<=33.01	Pass
16QAM	1851.5	1	0	20.82	-0.30	20.52	<=33.01	Pass
			7	20.86	-0.30	20.56	<=33.01	Pass
			14	20.81	-0.30	20.51	<=33.01	Pass
		8	0	19.70	-0.30	19.40	<=33.01	Pass
			4	19.83	-0.30	19.53	<=33.01	Pass
			7	19.84	-0.30	19.54	<=33.01	Pass
		15	0	19.64	-0.30	19.34	<=33.01	Pass
	1882.5	1	0	21.01	-0.30	20.71	<=33.01	Pass
			7	21.00	-0.30	20.70	<=33.01	Pass
			14	21.07	-0.30	20.77	<=33.01	Pass
		8	0	19.40	-0.30	19.10	<=33.01	Pass
			4	19.46	-0.30	19.16	<=33.01	Pass
			7	19.45	-0.30	19.15	<=33.01	Pass
		15	0	19.43	-0.30	19.13	<=33.01	Pass
	1913.5	1	0	20.80	-0.30	20.50	<=33.01	Pass
			7	20.54	-0.30	20.24	<=33.01	Pass
			14	20.50	-0.30	20.20	<=33.01	Pass
		8	0	19.18	-0.30	18.88	<=33.01	Pass
			4	19.08	-0.30	18.78	<=33.01	Pass
			7	19.15	-0.30	18.85	<=33.01	Pass
		15	0	19.02	-0.30	18.72	<=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	21.31	-0.30	21.01	<=33.01	Pass
			13	21.37	-0.30	21.07	<=33.01	Pass
			24	21.40	-0.30	21.10	<=33.01	Pass
		12	0	20.49	-0.30	20.19	<=33.01	Pass
			6	20.48	-0.30	20.18	<=33.01	Pass
			13	20.51	-0.30	20.21	<=33.01	Pass

		25	0	20.51	-0.30	20.21	<=33.01	Pass
	1882.5	1	0	21.38	-0.30	21.08	<=33.01	Pass
			13	21.29	-0.30	20.99	<=33.01	Pass
			24	21.29	-0.30	20.99	<=33.01	Pass
		12	0	20.34	-0.30	20.04	<=33.01	Pass
			6	20.27	-0.30	19.97	<=33.01	Pass
			13	20.32	-0.30	20.02	<=33.01	Pass
		25	0	20.27	-0.30	19.97	<=33.01	Pass
	1912.5	1	0	20.83	-0.30	20.53	<=33.01	Pass
			13	20.85	-0.30	20.55	<=33.01	Pass
			24	20.80	-0.30	20.50	<=33.01	Pass
		12	0	19.90	-0.30	19.60	<=33.01	Pass
			6	19.88	-0.30	19.58	<=33.01	Pass
			13	19.85	-0.30	19.55	<=33.01	Pass
		25	0	19.88	-0.30	19.58	<=33.01	Pass
16QAM	1852.5	1	0	21.14	-0.30	20.84	<=33.01	Pass
			13	21.08	-0.30	20.78	<=33.01	Pass
			24	21.16	-0.30	20.86	<=33.01	Pass
		12	0	19.61	-0.30	19.31	<=33.01	Pass
			6	19.59	-0.30	19.29	<=33.01	Pass
			13	19.58	-0.30	19.28	<=33.01	Pass
		25	0	19.66	-0.30	19.36	<=33.01	Pass
	1882.5	1	0	20.85	-0.30	20.55	<=33.01	Pass
			13	20.81	-0.30	20.51	<=33.01	Pass
			24	20.78	-0.30	20.48	<=33.01	Pass
		12	0	19.36	-0.30	19.06	<=33.01	Pass
			6	19.33	-0.30	19.03	<=33.01	Pass
			13	19.32	-0.30	19.02	<=33.01	Pass
		25	0	19.37	-0.30	19.07	<=33.01	Pass
	1912.5	1	0	19.53	-0.30	19.23	<=33.01	Pass
			13	19.57	-0.30	19.27	<=33.01	Pass
			24	19.57	-0.30	19.27	<=33.01	Pass
		12	0	19.01	-0.30	18.71	<=33.01	Pass
			6	18.98	-0.30	18.68	<=33.01	Pass
			13	18.95	-0.30	18.65	<=33.01	Pass
		25	0	19.09	-0.30	18.79	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	21.43	-0.30	21.13	<=33.01	Pass
			25	21.42	-0.30	21.12	<=33.01	Pass
			49	21.49	-0.30	21.19	<=33.01	Pass
		25	0	20.44	-0.30	20.14	<=33.01	Pass
			13	20.56	-0.30	20.26	<=33.01	Pass
			25	20.45	-0.30	20.15	<=33.01	Pass
		50	0	20.61	-0.30	20.31	<=33.01	Pass
	1882.5	1	0	21.39	-0.30	21.09	<=33.01	Pass
			25	21.32	-0.30	21.02	<=33.01	Pass
			49	21.20	-0.30	20.90	<=33.01	Pass
		25	0	20.40	-0.30	20.10	<=33.01	Pass
			13	20.34	-0.30	20.04	<=33.01	Pass
			25	20.20	-0.30	19.90	<=33.01	Pass
		50	0	20.32	-0.30	20.02	<=33.01	Pass

	1910	1	0	20.81	-0.30	20.51	<=33.01	Pass
			25	20.79	-0.30	20.49	<=33.01	Pass
			49	20.73	-0.30	20.43	<=33.01	Pass
		25	0	19.93	-0.30	19.63	<=33.01	Pass
			13	19.93	-0.30	19.63	<=33.01	Pass
			25	19.94	-0.30	19.64	<=33.01	Pass
		50	0	19.88	-0.30	19.58	<=33.01	Pass
16QAM	1855	1	0	20.93	-0.30	20.63	<=33.01	Pass
			25	20.90	-0.30	20.60	<=33.01	Pass
			49	20.57	-0.30	20.27	<=33.01	Pass
		25	0	19.80	-0.30	19.50	<=33.01	Pass
			13	19.82	-0.30	19.52	<=33.01	Pass
			25	19.78	-0.30	19.48	<=33.01	Pass
		50	0	19.64	-0.30	19.34	<=33.01	Pass
	1882.5	1	0	21.05	-0.30	20.75	<=33.01	Pass
			25	20.92	-0.30	20.62	<=33.01	Pass
			49	20.92	-0.30	20.62	<=33.01	Pass
		25	0	19.53	-0.30	19.23	<=33.01	Pass
			13	19.54	-0.30	19.24	<=33.01	Pass
			25	19.46	-0.30	19.16	<=33.01	Pass
		50	0	19.54	-0.30	19.24	<=33.01	Pass
	1910	1	0	20.70	-0.30	20.40	<=33.01	Pass
			25	20.65	-0.30	20.35	<=33.01	Pass
			49	20.60	-0.30	20.30	<=33.01	Pass
		25	0	19.00	-0.30	18.70	<=33.01	Pass
			13	19.08	-0.30	18.78	<=33.01	Pass
			25	19.00	-0.30	18.70	<=33.01	Pass
		50	0	19.03	-0.30	18.73	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	21.27	-0.30	20.97	<=33.01	Pass
			38	21.26	-0.30	20.96	<=33.01	Pass
			74	21.25	-0.30	20.95	<=33.01	Pass
		36	0	20.47	-0.30	20.17	<=33.01	Pass
			18	20.45	-0.30	20.15	<=33.01	Pass
			39	20.51	-0.30	20.21	<=33.01	Pass
		75	0	20.50	-0.30	20.20	<=33.01	Pass
	1882.5	1	0	21.38	-0.30	21.08	<=33.01	Pass
			38	21.32	-0.30	21.02	<=33.01	Pass
			74	21.31	-0.30	21.01	<=33.01	Pass
		36	0	20.36	-0.30	20.06	<=33.01	Pass
			18	20.40	-0.30	20.10	<=33.01	Pass
			39	20.38	-0.30	20.08	<=33.01	Pass
		75	0	20.35	-0.30	20.05	<=33.01	Pass
	1907.5	1	0	20.90	-0.30	20.60	<=33.01	Pass
			38	20.84	-0.30	20.54	<=33.01	Pass
			74	20.78	-0.30	20.48	<=33.01	Pass
		36	0	20.07	-0.30	19.77	<=33.01	Pass
			18	19.97	-0.30	19.67	<=33.01	Pass
			39	19.85	-0.30	19.55	<=33.01	Pass
		75	0	19.98	-0.30	19.68	<=33.01	Pass
16QAM	1857.5	1	0	21.33	-0.30	21.03	<=33.01	Pass

			38	21.30	-0.30	21.00	<=33.01	Pass
			74	21.26	-0.30	20.96	<=33.01	Pass
		36	0	19.67	-0.30	19.37	<=33.01	Pass
			18	19.60	-0.30	19.30	<=33.01	Pass
			39	19.62	-0.30	19.32	<=33.01	Pass
		75	0	19.59	-0.30	19.29	<=33.01	Pass
	1882.5	1	0	21.04	-0.30	20.74	<=33.01	Pass
			38	20.97	-0.30	20.67	<=33.01	Pass
			74	21.57	-0.30	21.27	<=33.01	Pass
		36	0	19.48	-0.30	19.18	<=33.01	Pass
			18	19.45	-0.30	19.15	<=33.01	Pass
			39	19.42	-0.30	19.12	<=33.01	Pass
		75	0	19.46	-0.30	19.16	<=33.01	Pass
	1907.5	1	0	20.97	-0.30	20.67	<=33.01	Pass
			38	20.87	-0.30	20.57	<=33.01	Pass
			74	20.83	-0.30	20.53	<=33.01	Pass
		36	0	19.09	-0.30	18.79	<=33.01	Pass
			18	19.07	-0.30	18.77	<=33.01	Pass
			39	19.17	-0.30	18.87	<=33.01	Pass
		75	0	19.14	-0.30	18.84	<=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	21.40	-0.30	21.10	<=33.01	Pass
			50	21.43	-0.30	21.13	<=33.01	Pass
			99	21.48	-0.30	21.18	<=33.01	Pass
		50	0	20.45	-0.30	20.15	<=33.01	Pass
			25	20.51	-0.30	20.21	<=33.01	Pass
			50	20.49	-0.30	20.19	<=33.01	Pass
		100	0	20.54	-0.30	20.24	<=33.01	Pass
	1882.5	1	0	21.40	-0.30	21.10	<=33.01	Pass
			50	21.33	-0.30	21.03	<=33.01	Pass
			99	21.26	-0.30	20.96	<=33.01	Pass
		50	0	20.38	-0.30	20.08	<=33.01	Pass
			25	20.32	-0.30	20.02	<=33.01	Pass
			50	20.30	-0.30	20.00	<=33.01	Pass
		100	0	20.21	-0.30	19.91	<=33.01	Pass
	1905	1	0	21.12	-0.30	20.82	<=33.01	Pass
			50	21.05	-0.30	20.75	<=33.01	Pass
			99	20.92	-0.30	20.62	<=33.01	Pass
		50	0	20.13	-0.30	19.83	<=33.01	Pass
			25	20.04	-0.30	19.74	<=33.01	Pass
			50	20.00	-0.30	19.70	<=33.01	Pass
		100	0	20.01	-0.30	19.71	<=33.01	Pass
16QAM	1860	1	0	21.76	-0.30	21.46	<=33.01	Pass
			50	21.72	-0.30	21.42	<=33.01	Pass
			99	21.77	-0.30	21.47	<=33.01	Pass
		50	0	19.68	-0.30	19.38	<=33.01	Pass
			25	19.51	-0.30	19.21	<=33.01	Pass
			50	19.61	-0.30	19.31	<=33.01	Pass
		100	0	19.67	-0.30	19.37	<=33.01	Pass
	1882.5	1	0	20.93	-0.30	20.63	<=33.01	Pass
			50	20.74	-0.30	20.44	<=33.01	Pass

			99	20.75	-0.30	20.45	<=33.01	Pass
		50	0	19.48	-0.30	19.18	<=33.01	Pass
			25	19.49	-0.30	19.19	<=33.01	Pass
			50	19.35	-0.30	19.05	<=33.01	Pass
		100	0	19.42	-0.30	19.12	<=33.01	Pass
	1905	1	0	20.59	-0.30	20.29	<=33.01	Pass
			50	20.49	-0.30	20.19	<=33.01	Pass
			99	20.37	-0.30	20.07	<=33.01	Pass
		50	0	19.24	-0.30	18.94	<=33.01	Pass
			25	19.14	-0.30	18.84	<=33.01	Pass
			50	19.11	-0.30	18.81	<=33.01	Pass
		100	0	19.16	-0.30	18.86	<=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	28.567	0.0154	-2.5 to 2.5	Pass
					3.85	-5.579	-0.0030	-2.5 to 2.5	Pass
					4.43	-51.799	-0.0280	-2.5 to 2.5	Pass
				-30	3.85	-9.098	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-42.329	-0.0229	-2.5 to 2.5	Pass
				-10	3.85	-14.062	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-29.597	-0.0160	-2.5 to 2.5	Pass
				10	3.85	-25.048	-0.0135	-2.5 to 2.5	Pass
				30	3.85	-36.979	-0.0200	-2.5 to 2.5	Pass
				40	3.85	-36.392	-0.0197	-2.5 to 2.5	Pass
				50	3.85	-35.934	-0.0194	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	29.168	0.0155	-2.5 to 2.5	Pass
					3.85	24.548	0.0130	-2.5 to 2.5	Pass
					4.43	6.022	0.0032	-2.5 to 2.5	Pass
				-30	3.85	10.457	0.0056	-2.5 to 2.5	Pass
				-20	3.85	4.749	0.0025	-2.5 to 2.5	Pass
				-10	3.85	8.883	0.0047	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				40	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-27.380	-0.0143	-2.5 to 2.5	Pass
					3.85	-21.915	-0.0114	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-15.020	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-21.014	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-24.304	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-12.703	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-29.697	-0.0155	-2.5 to 2.5	Pass
				40	3.85	-10.428	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-32.358	-0.0169	-2.5 to 2.5	Pass

16QAM	1850.7	6	0	20	3.27	-13.847	-0.0075	-2.5 to 2.5	Pass
					3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
					4.43	10.815	0.0058	-2.5 to 2.5	Pass
				-30	3.85	16.537	0.0089	-2.5 to 2.5	Pass
				-20	3.85	13.990	0.0076	-2.5 to 2.5	Pass
				-10	3.85	24.805	0.0134	-2.5 to 2.5	Pass
				0	3.85	23.289	0.0126	-2.5 to 2.5	Pass
				10	3.85	34.289	0.0185	-2.5 to 2.5	Pass
				30	3.85	11.158	0.0060	-2.5 to 2.5	Pass
				40	3.85	-10.414	-0.0056	-2.5 to 2.5	Pass
				50	3.85	9.756	0.0053	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-4.735	-0.0025	-2.5 to 2.5	Pass
					3.85	11.916	0.0063	-2.5 to 2.5	Pass
					4.43	17.638	0.0094	-2.5 to 2.5	Pass
				-30	3.85	-19.197	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	6.909	0.0037	-2.5 to 2.5	Pass
				-10	3.85	18.039	0.0096	-2.5 to 2.5	Pass
				0	3.85	30.484	0.0162	-2.5 to 2.5	Pass
				10	3.85	25.964	0.0138	-2.5 to 2.5	Pass
				30	3.85	29.283	0.0156	-2.5 to 2.5	Pass
				40	3.85	14.648	0.0078	-2.5 to 2.5	Pass
				50	3.85	49.868	0.0265	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	5.379	0.0028	-2.5 to 2.5	Pass
					3.85	-15.507	-0.0081	-2.5 to 2.5	Pass
					4.43	-9.327	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-8.426	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-16.050	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-21.729	-0.0114	-2.5 to 2.5	Pass
				10	3.85	-10.972	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-19.584	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0005	-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	-2.060	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.173	-0.0006	-2.5 to 2.5	Pass
					4.43	-23.518	-0.0127	-2.5 to 2.5	Pass
				-30	3.85	-11.873	-0.0064	-2.5 to 2.5	Pass
				-20	3.85	-8.354	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-40.169	-0.0217	-2.5 to 2.5	Pass
				0	3.85	-29.869	-0.0161	-2.5 to 2.5	Pass
				10	3.85	-10.471	-0.0057	-2.5 to 2.5	Pass
				30	3.85	-23.775	-0.0128	-2.5 to 2.5	Pass
				40	3.85	-47.679	-0.0258	-2.5 to 2.5	Pass
				50	3.85	-27.666	-0.0149	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	30.169	0.0160	-2.5 to 2.5	Pass
					3.85	32.573	0.0173	-2.5 to 2.5	Pass
					4.43	15.020	0.0080	-2.5 to 2.5	Pass
				-30	3.85	21.458	0.0114	-2.5 to 2.5	Pass
				-20	3.85	-18.654	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-8.769	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-11.601	-0.0062	-2.5 to 2.5	Pass

				10	3.85	-13.862	-0.0074	-2.5 to 2.5	Pass
				30	3.85	-7.267	-0.0039	-2.5 to 2.5	Pass
				40	3.85	3.476	0.0018	-2.5 to 2.5	Pass
				50	3.85	2.275	0.0012	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	22.802	0.0119	-2.5 to 2.5	Pass
					3.85	-10.629	-0.0056	-2.5 to 2.5	Pass
					4.43	-26.951	-0.0141	-2.5 to 2.5	Pass
				-30	3.85	-39.067	-0.0204	-2.5 to 2.5	Pass
				-20	3.85	-36.678	-0.0192	-2.5 to 2.5	Pass
				-10	3.85	-23.947	-0.0125	-2.5 to 2.5	Pass
				0	3.85	-37.293	-0.0195	-2.5 to 2.5	Pass
				10	3.85	-19.012	-0.0099	-2.5 to 2.5	Pass
				30	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass
				40	3.85	2.232	0.0012	-2.5 to 2.5	Pass
				50	3.85	8.783	0.0046	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-12.345	-0.0067	-2.5 to 2.5	Pass
					3.85	-20.413	-0.0110	-2.5 to 2.5	Pass
					4.43	0.286	0.0002	-2.5 to 2.5	Pass
				-30	3.85	12.202	0.0066	-2.5 to 2.5	Pass
				-20	3.85	5.851	0.0032	-2.5 to 2.5	Pass
				-10	3.85	5.836	0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.206	-0.0023	-2.5 to 2.5	Pass
				10	3.85	3.076	0.0017	-2.5 to 2.5	Pass
				30	3.85	16.766	0.0091	-2.5 to 2.5	Pass
				40	3.85	14.520	0.0078	-2.5 to 2.5	Pass
				50	3.85	14.348	0.0077	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-11.773	-0.0063	-2.5 to 2.5	Pass
					3.85	8.540	0.0045	-2.5 to 2.5	Pass
					4.43	21.987	0.0117	-2.5 to 2.5	Pass
				-30	3.85	36.521	0.0194	-2.5 to 2.5	Pass
				-20	3.85	40.340	0.0214	-2.5 to 2.5	Pass
				-10	3.85	-32.401	-0.0172	-2.5 to 2.5	Pass
				0	3.85	-28.768	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-18.368	-0.0098	-2.5 to 2.5	Pass
				30	3.85	-13.261	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				50	3.85	25.306	0.0134	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	20.728	0.0108	-2.5 to 2.5	Pass
					3.85	39.697	0.0207	-2.5 to 2.5	Pass
					4.43	-1.774	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-16.623	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	15.092	0.0079	-2.5 to 2.5	Pass
				0	3.85	29.268	0.0153	-2.5 to 2.5	Pass
				10	3.85	34.018	0.0178	-2.5 to 2.5	Pass
				30	3.85	9.956	0.0052	-2.5 to 2.5	Pass
				40	3.85	27.080	0.0142	-2.5 to 2.5	Pass
				50	3.85	43.974	0.0230	-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	0.658	0.0004	-2.5 to 2.5	Pass
					3.85	-36.778	-0.0199	-2.5 to 2.5	Pass
					4.43	-12.846	-0.0069	-2.5 to 2.5	Pass

				-30	3.85	-38.366	-0.0207	-2.5 to 2.5	Pass
				-20	3.85	-20.986	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-13.304	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-24.233	-0.0131	-2.5 to 2.5	Pass
				10	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-1.202	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-8.497	-0.0046	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	44.289	0.0235	-2.5 to 2.5	Pass
					3.85	17.867	0.0095	-2.5 to 2.5	Pass
					4.43	21.815	0.0116	-2.5 to 2.5	Pass
				-30	3.85	24.934	0.0132	-2.5 to 2.5	Pass
				-20	3.85	22.731	0.0121	-2.5 to 2.5	Pass
				-10	3.85	8.855	0.0047	-2.5 to 2.5	Pass
				0	3.85	7.424	0.0039	-2.5 to 2.5	Pass
				10	3.85	9.527	0.0051	-2.5 to 2.5	Pass
				30	3.85	9.627	0.0051	-2.5 to 2.5	Pass
				40	3.85	-9.270	-0.0049	-2.5 to 2.5	Pass
				50	3.85	6.795	0.0036	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	29.526	0.0154	-2.5 to 2.5	Pass
					3.85	17.667	0.0092	-2.5 to 2.5	Pass
					4.43	-25.263	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-10.386	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-18.969	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-46.062	-0.0241	-2.5 to 2.5	Pass
				0	3.85	-13.604	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-26.793	-0.0140	-2.5 to 2.5	Pass
				30	3.85	-10.715	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-29.612	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-25.148	-0.0131	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-3.734	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
					4.43	-10.271	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	5.093	0.0027	-2.5 to 2.5	Pass
				-20	3.85	6.309	0.0034	-2.5 to 2.5	Pass
				-10	3.85	13.275	0.0072	-2.5 to 2.5	Pass
				0	3.85	-8.554	-0.0046	-2.5 to 2.5	Pass
				10	3.85	2.747	0.0015	-2.5 to 2.5	Pass
				30	3.85	13.490	0.0073	-2.5 to 2.5	Pass
				40	3.85	-36.592	-0.0198	-2.5 to 2.5	Pass
				50	3.85	-22.416	-0.0121	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	10.643	0.0057	-2.5 to 2.5	Pass
					3.85	25.449	0.0135	-2.5 to 2.5	Pass
					4.43	-10.386	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-9.212	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	27.552	0.0146	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	19.870	0.0106	-2.5 to 2.5	Pass
				10	3.85	7.539	0.0040	-2.5 to 2.5	Pass
				30	3.85	29.969	0.0159	-2.5 to 2.5	Pass
				40	3.85	-7.582	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-24.290	-0.0127	-2.5 to 2.5	Pass
					3.85	-36.392	-0.0190	-2.5 to 2.5	Pass
					4.43	-25.005	-0.0131	-2.5 to 2.5	Pass
				-30	3.85	-19.226	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-17.252	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	-18.940	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-12.131	-0.0063	-2.5 to 2.5	Pass

				10	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-15.807	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-3.347	-0.0018	-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	-5.922	-0.0032	-2.5 to 2.5	Pass
					3.85	-25.792	-0.0139	-2.5 to 2.5	Pass
					4.43	-9.041	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-32.744	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-8.655	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	8.583	0.0046	-2.5 to 2.5	Pass
				0	3.85	-14.677	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-23.317	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-35.534	-0.0192	-2.5 to 2.5	Pass
				40	3.85	-38.366	-0.0207	-2.5 to 2.5	Pass
				50	3.85	-43.602	-0.0235	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	31.486	0.0167	-2.5 to 2.5	Pass
					3.85	13.533	0.0072	-2.5 to 2.5	Pass
					4.43	-6.037	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-38.323	-0.0204	-2.5 to 2.5	Pass
				-20	3.85	13.261	0.0070	-2.5 to 2.5	Pass
				-10	3.85	22.674	0.0120	-2.5 to 2.5	Pass
				0	3.85	5.436	0.0029	-2.5 to 2.5	Pass
				10	3.85	4.034	0.0021	-2.5 to 2.5	Pass
				30	3.85	6.394	0.0034	-2.5 to 2.5	Pass
				40	3.85	12.345	0.0066	-2.5 to 2.5	Pass
				50	3.85	3.691	0.0020	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	10.629	0.0056	-2.5 to 2.5	Pass
					3.85	6.123	0.0032	-2.5 to 2.5	Pass
					4.43	-21.086	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-14.162	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-21.558	-0.0113	-2.5 to 2.5	Pass
				-10	3.85	-11.587	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-33.388	-0.0175	-2.5 to 2.5	Pass
				10	3.85	-28.439	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-19.341	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-24.462	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-16.179	-0.0085	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-35.791	-0.0193	-2.5 to 2.5	Pass
					3.85	-31.500	-0.0170	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	8.197	0.0044	-2.5 to 2.5	Pass
				-20	3.85	24.676	0.0133	-2.5 to 2.5	Pass
				-10	3.85	34.232	0.0185	-2.5 to 2.5	Pass
				0	3.85	24.076	0.0130	-2.5 to 2.5	Pass
				10	3.85	23.475	0.0127	-2.5 to 2.5	Pass
				30	3.85	27.094	0.0146	-2.5 to 2.5	Pass
				40	3.85	32.616	0.0176	-2.5 to 2.5	Pass
				50	3.85	22.044	0.0119	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	4.592	0.0024	-2.5 to 2.5	Pass
					3.85	18.754	0.0100	-2.5 to 2.5	Pass
					4.43	7.653	0.0041	-2.5 to 2.5	Pass

				-30	3.85	26.422	0.0140	-2.5 to 2.5	Pass
				-20	3.85	31.528	0.0167	-2.5 to 2.5	Pass
				-10	3.85	45.004	0.0239	-2.5 to 2.5	Pass
				0	3.85	3.419	0.0018	-2.5 to 2.5	Pass
				10	3.85	22.016	0.0117	-2.5 to 2.5	Pass
				30	3.85	30.971	0.0165	-2.5 to 2.5	Pass
				40	3.85	23.661	0.0126	-2.5 to 2.5	Pass
				50	3.85	36.449	0.0194	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-18.911	-0.0099	-2.5 to 2.5	Pass
					3.85	-10.242	-0.0054	-2.5 to 2.5	Pass
					4.43	-20.628	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-13.232	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-10.386	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-14.005	-0.0073	-2.5 to 2.5	Pass
				0	3.85	-7.997	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass
				30	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-2.418	-0.0013	-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	-18.983	-0.0102	-2.5 to 2.5	Pass
					3.85	-9.856	-0.0053	-2.5 to 2.5	Pass
					4.43	-10.071	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-26.436	-0.0142	-2.5 to 2.5	Pass
				-20	3.85	-29.526	-0.0159	-2.5 to 2.5	Pass
				-10	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-37.608	-0.0202	-2.5 to 2.5	Pass
				10	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.003	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-46.148	-0.0248	-2.5 to 2.5	Pass
				50	3.85	-39.825	-0.0214	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	18.468	0.0098	-2.5 to 2.5	Pass
					3.85	-16.322	-0.0087	-2.5 to 2.5	Pass
					4.43	-17.381	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-23.131	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-10.157	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-17.295	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-22.659	-0.0120	-2.5 to 2.5	Pass
				10	3.85	-25.120	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-27.494	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-22.273	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-39.139	-0.0208	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	22.631	0.0119	-2.5 to 2.5	Pass
					3.85	-6.695	-0.0035	-2.5 to 2.5	Pass
					4.43	-10.786	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-36.907	-0.0193	-2.5 to 2.5	Pass
				-20	3.85	-40.598	-0.0213	-2.5 to 2.5	Pass
				-10	3.85	-36.836	-0.0193	-2.5 to 2.5	Pass
				0	3.85	-48.509	-0.0254	-2.5 to 2.5	Pass
				10	3.85	-52.485	-0.0275	-2.5 to 2.5	Pass
				30	3.85	-34.218	-0.0179	-2.5 to 2.5	Pass
				40	3.85	-27.981	-0.0147	-2.5 to 2.5	Pass

				50	3.85	-27.366	-0.0143	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-47.836	-0.0258	-2.5 to 2.5	Pass
					3.85	-33.460	-0.0180	-2.5 to 2.5	Pass
					4.43	-38.795	-0.0209	-2.5 to 2.5	Pass
				-30	3.85	-16.065	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-4.106	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-16.694	-0.0090	-2.5 to 2.5	Pass
				0	3.85	-10.471	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				50	3.85	10.099	0.0054	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-30.642	-0.0163	-2.5 to 2.5	Pass
					3.85	-16.966	-0.0090	-2.5 to 2.5	Pass
					4.43	-1.688	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-22.745	-0.0121	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	7.997	0.0042	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				10	3.85	33.960	0.0180	-2.5 to 2.5	Pass
				30	3.85	29.469	0.0157	-2.5 to 2.5	Pass
				40	3.85	16.465	0.0087	-2.5 to 2.5	Pass
				50	3.85	38.037	0.0202	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-7.567	-0.0040	-2.5 to 2.5	Pass
					3.85	27.609	0.0145	-2.5 to 2.5	Pass
					4.43	11.344	0.0059	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	30.870	0.0162	-2.5 to 2.5	Pass
				-10	3.85	8.883	0.0047	-2.5 to 2.5	Pass
				0	3.85	17.323	0.0091	-2.5 to 2.5	Pass
				10	3.85	29.197	0.0153	-2.5 to 2.5	Pass
				30	3.85	43.173	0.0226	-2.5 to 2.5	Pass
				40	3.85	-33.388	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-10.858	-0.0057	-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	-14.634	-0.0079	-2.5 to 2.5	Pass
					3.85	-18.897	-0.0102	-2.5 to 2.5	Pass
					4.43	-28.067	-0.0151	-2.5 to 2.5	Pass
				-30	3.85	-32.129	-0.0173	-2.5 to 2.5	Pass
				-20	3.85	-18.840	-0.0101	-2.5 to 2.5	Pass
				-10	3.85	-38.552	-0.0207	-2.5 to 2.5	Pass
				0	3.85	-32.115	-0.0173	-2.5 to 2.5	Pass
				10	3.85	-21.729	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-28.925	-0.0156	-2.5 to 2.5	Pass
				40	3.85	-23.890	-0.0128	-2.5 to 2.5	Pass
				50	3.85	7.367	0.0040	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	21.501	0.0114	-2.5 to 2.5	Pass
					3.85	1.330	0.0007	-2.5 to 2.5	Pass
					4.43	-9.799	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-18.868	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass

				0	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				30	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-22.430	-0.0119	-2.5 to 2.5	Pass
				50	3.85	-19.484	-0.0104	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	6.065	0.0032	-2.5 to 2.5	Pass
					3.85	-7.124	-0.0037	-2.5 to 2.5	Pass
					4.43	-19.212	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-23.146	-0.0122	-2.5 to 2.5	Pass
				-20	3.85	-29.469	-0.0155	-2.5 to 2.5	Pass
				-10	3.85	-17.524	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-37.580	-0.0197	-2.5 to 2.5	Pass
				10	3.85	-29.240	-0.0153	-2.5 to 2.5	Pass
				30	3.85	-32.587	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-29.283	-0.0154	-2.5 to 2.5	Pass
				50	3.85	-42.543	-0.0223	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	21.672	0.0117	-2.5 to 2.5	Pass
					3.85	41.270	0.0222	-2.5 to 2.5	Pass
					4.43	41.614	0.0224	-2.5 to 2.5	Pass
				-30	3.85	32.830	0.0177	-2.5 to 2.5	Pass
				-20	3.85	7.739	0.0042	-2.5 to 2.5	Pass
				-10	3.85	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.85	9.828	0.0053	-2.5 to 2.5	Pass
				10	3.85	19.956	0.0107	-2.5 to 2.5	Pass
				30	3.85	31.629	0.0170	-2.5 to 2.5	Pass
				40	3.85	7.524	0.0040	-2.5 to 2.5	Pass
				50	3.85	23.346	0.0126	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-10.300	-0.0055	-2.5 to 2.5	Pass
					3.85	4.921	0.0026	-2.5 to 2.5	Pass
					4.43	25.020	0.0133	-2.5 to 2.5	Pass
				-30	3.85	33.588	0.0178	-2.5 to 2.5	Pass
				-20	3.85	-33.531	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	-21.186	-0.0113	-2.5 to 2.5	Pass
				0	3.85	-7.968	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-10.514	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-16.465	-0.0087	-2.5 to 2.5	Pass
				40	3.85	0.415	0.0002	-2.5 to 2.5	Pass
				50	3.85	5.136	0.0027	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-23.046	-0.0121	-2.5 to 2.5	Pass
					3.85	7.882	0.0041	-2.5 to 2.5	Pass
					4.43	28.195	0.0148	-2.5 to 2.5	Pass
				-30	3.85	21.143	0.0111	-2.5 to 2.5	Pass
				-20	3.85	4.435	0.0023	-2.5 to 2.5	Pass
				-10	3.85	1.917	0.0010	-2.5 to 2.5	Pass
				0	3.85	24.261	0.0127	-2.5 to 2.5	Pass
				10	3.85	45.390	0.0238	-2.5 to 2.5	Pass
				30	3.85	37.580	0.0197	-2.5 to 2.5	Pass
				40	3.85	40.970	0.0215	-2.5 to 2.5	Pass
				50	3.85	16.265	0.0085	-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

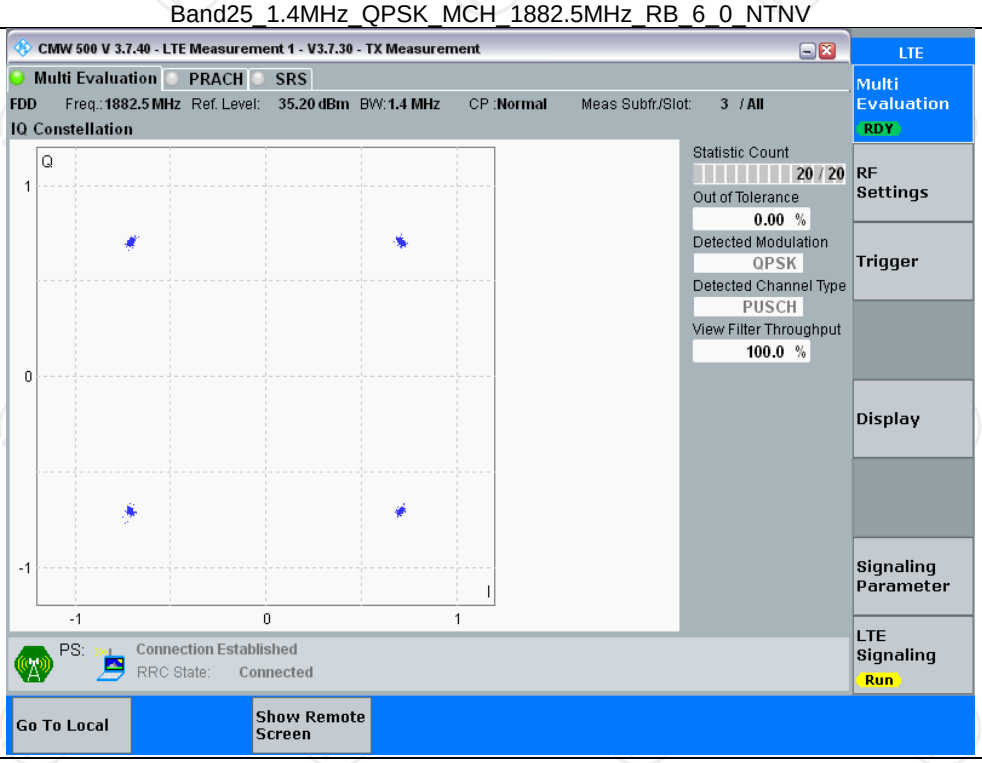
3.1.6 B25_20MHz

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

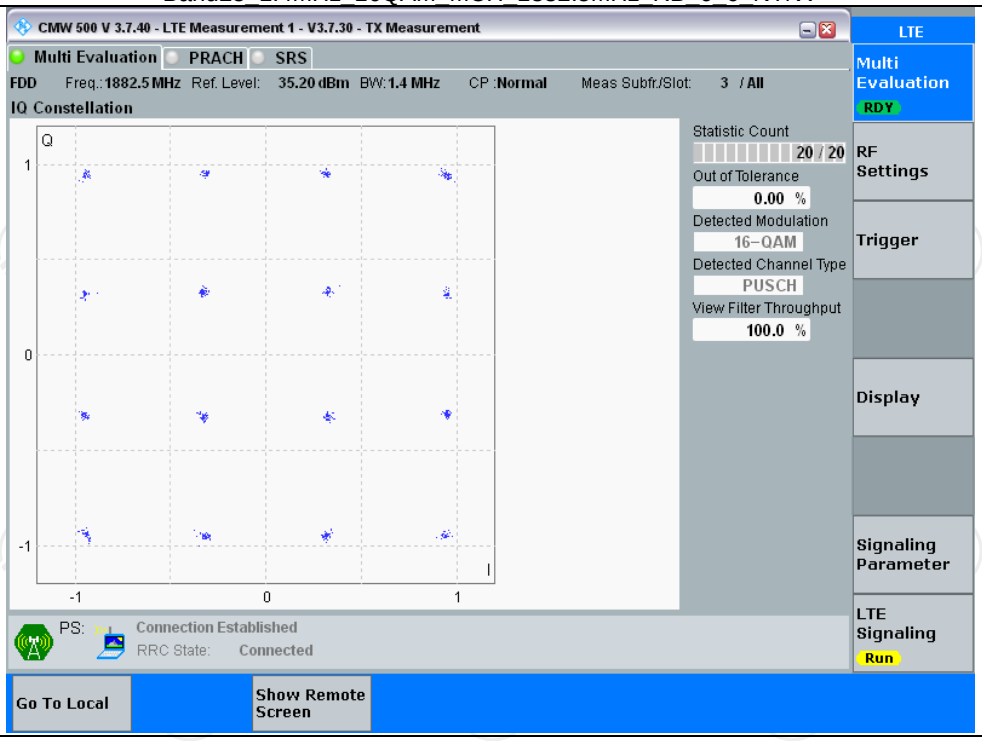
3.2 Test Graph

3.2.1 B25_1.4MHz

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV

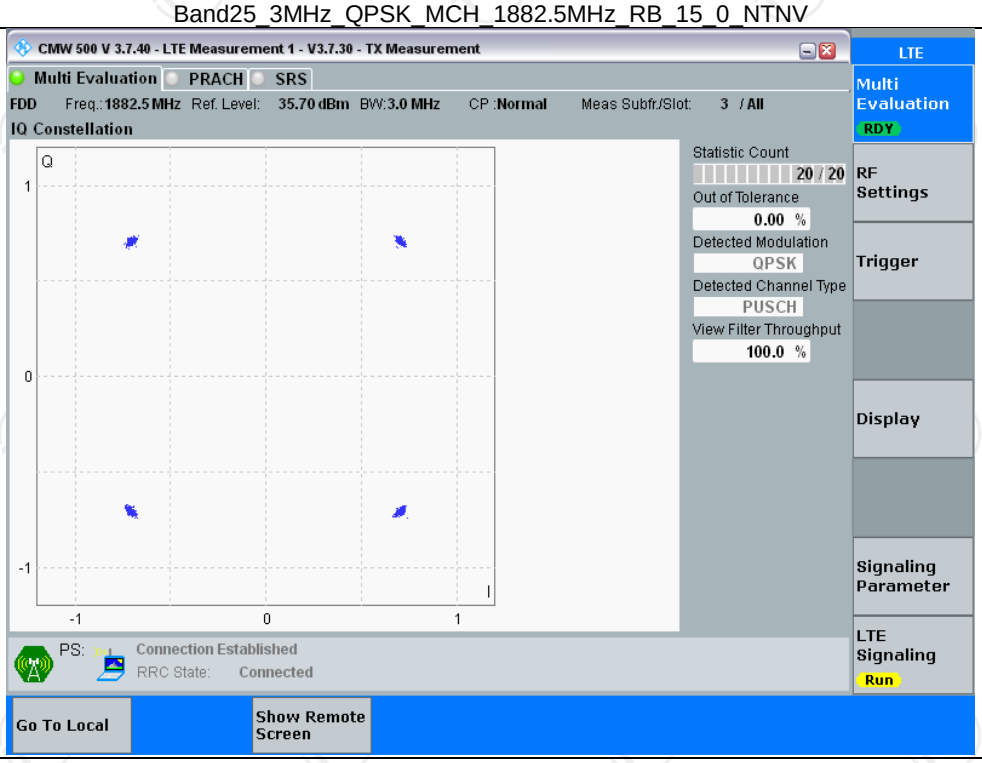


Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

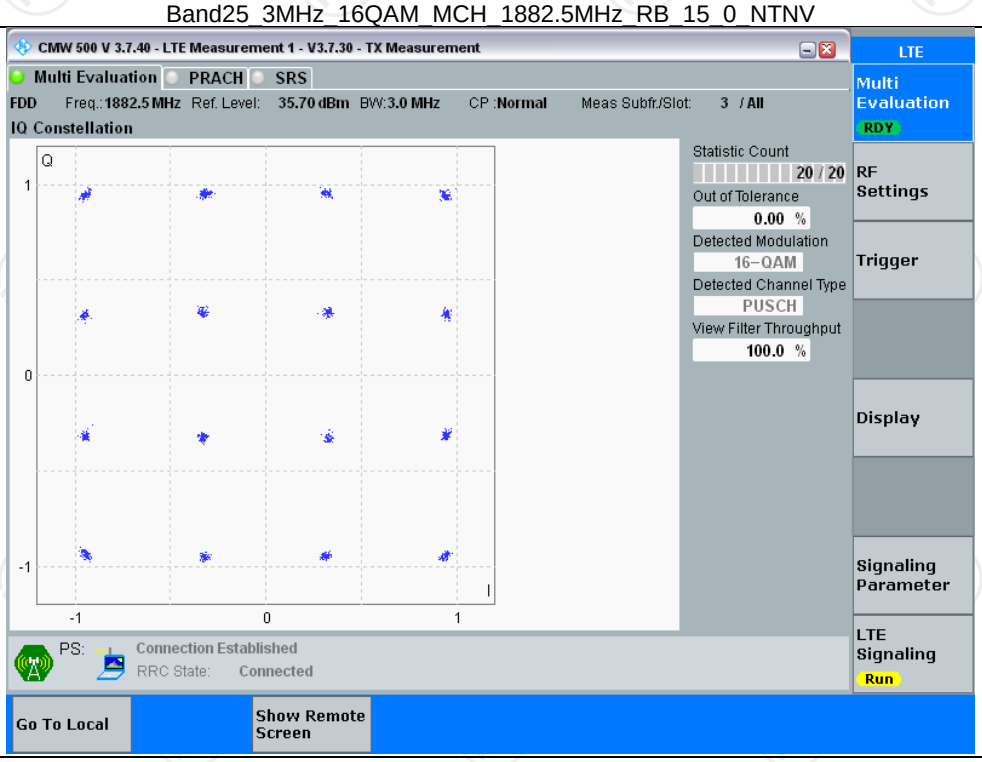


3.2.2 B25_3MHz

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV

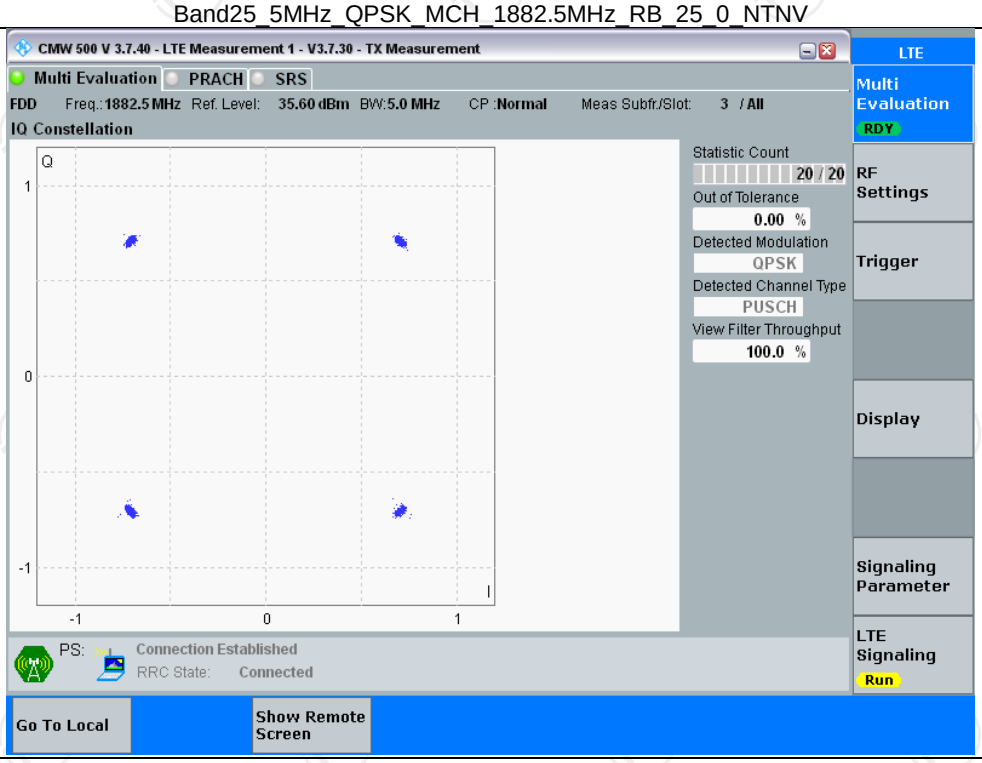


Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

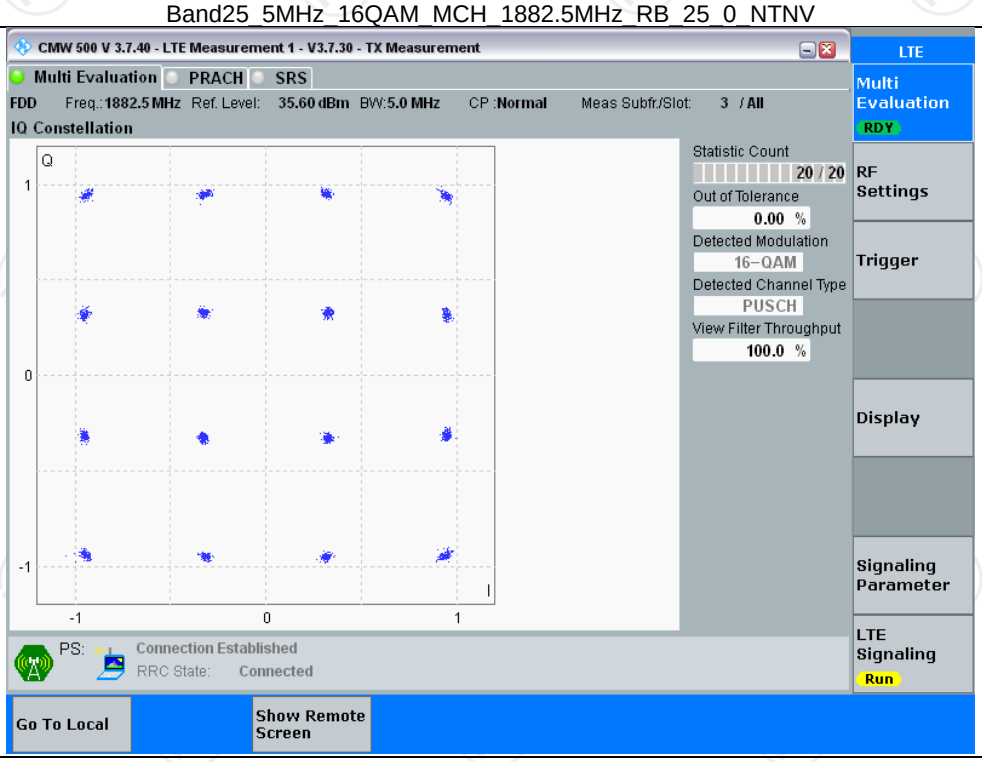


3.2.3 B25_5MHz

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV

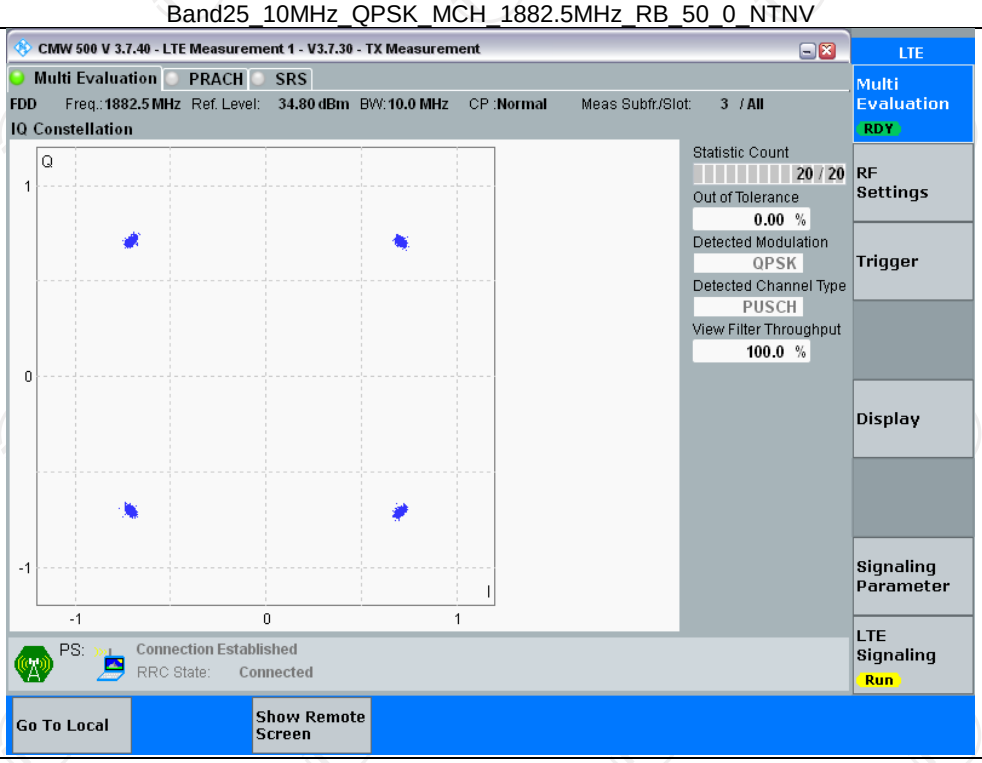


Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV

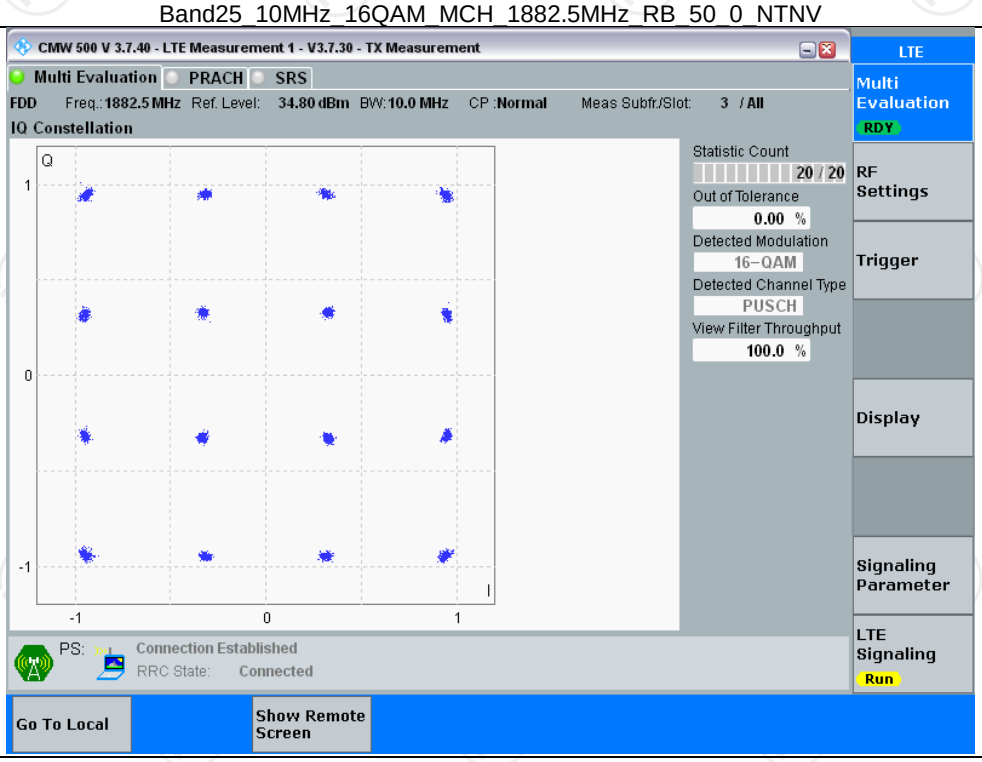


3.2.4 B25_10MHz

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV

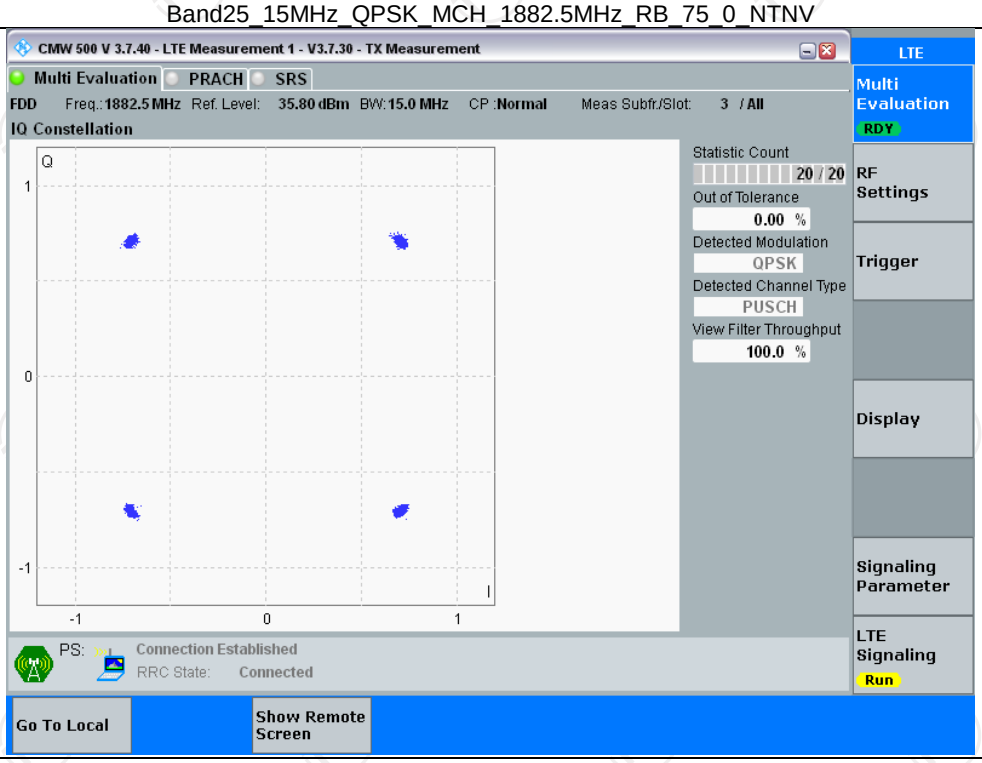


Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV

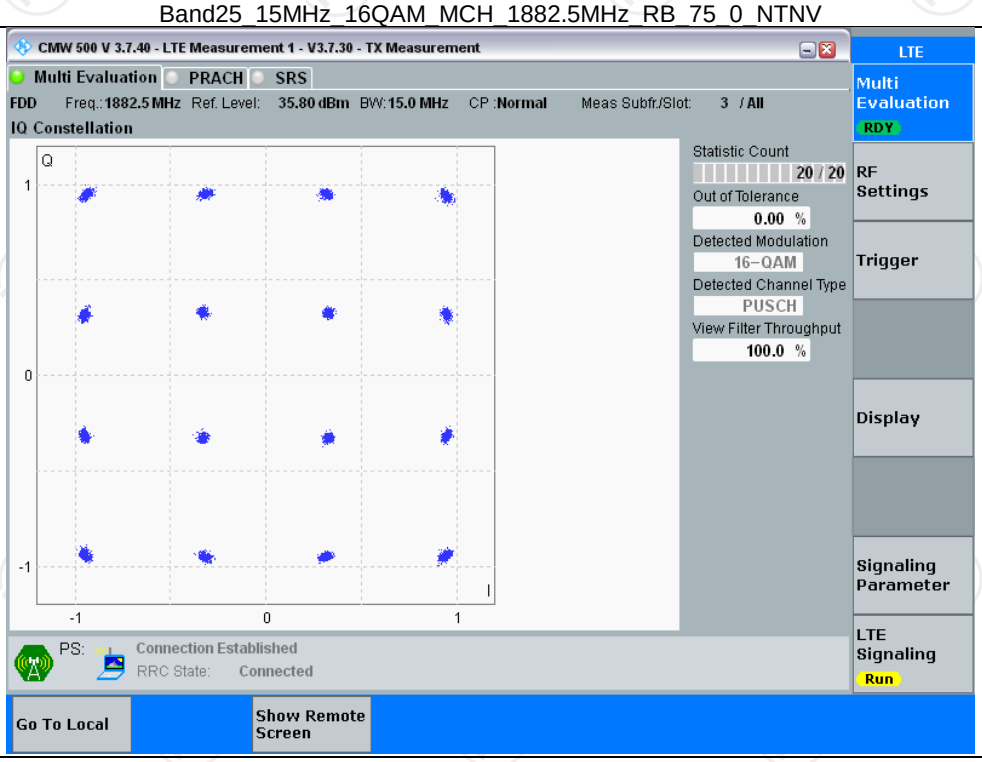


3.2.5 B25_15MHz

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV

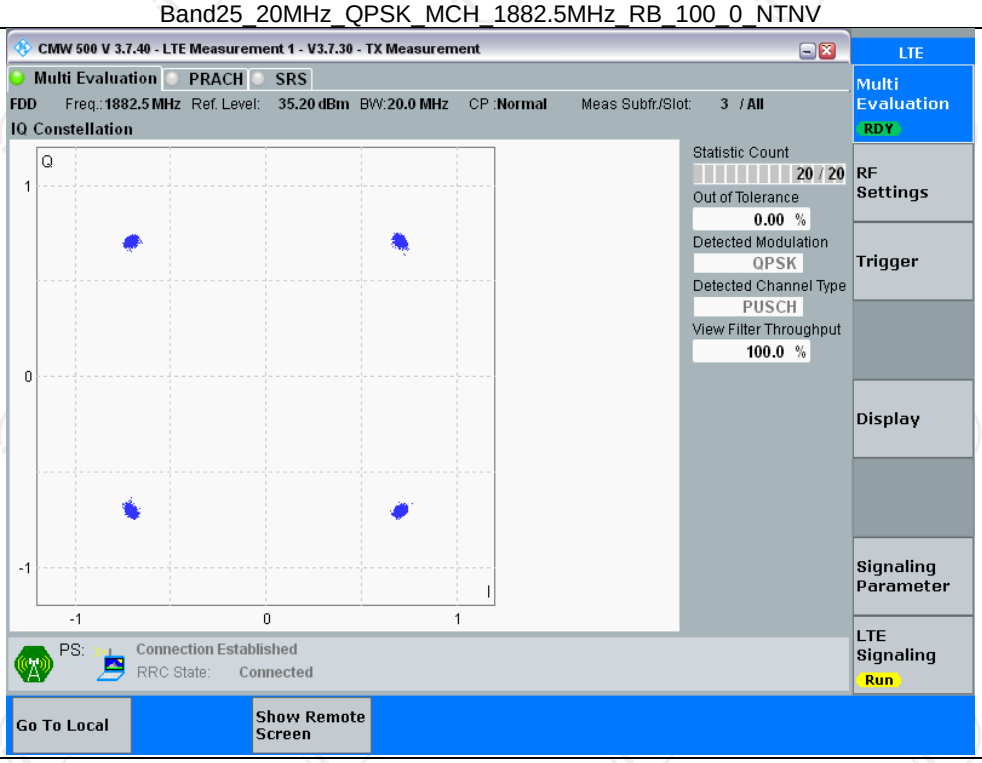


Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV

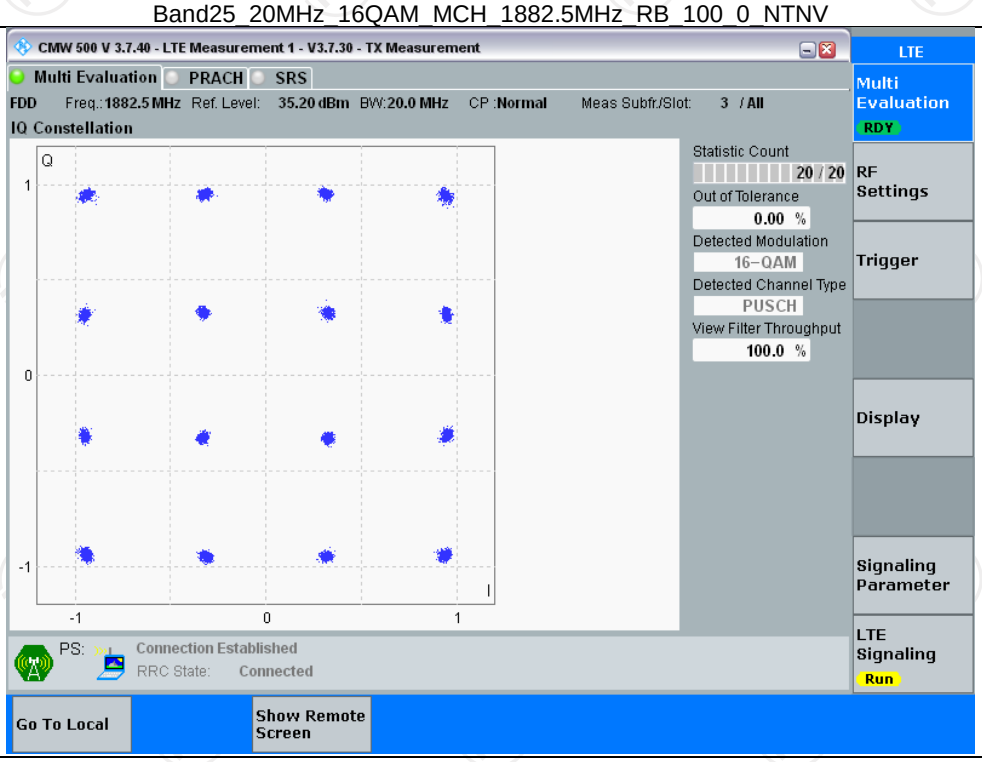


3.2.6 B25_20MHz

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	1.116	/	Pass
		1882.5	6	0	1.114	/	Pass
		1914.3	6	0	1.115	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1882.5	6	0	1.109	/	Pass
		1914.3	6	0	1.120	/	Pass
3	QPSK	1851.5	15	0	2.762	/	Pass
		1882.5	15	0	2.739	/	Pass
		1913.5	15	0	2.774	/	Pass
	16QAM	1851.5	15	0	2.764	/	Pass
		1882.5	15	0	2.755	/	Pass
		1913.5	15	0	2.756	/	Pass
5	QPSK	1852.5	25	0	4.556	/	Pass
		1882.5	25	0	4.553	/	Pass
		1912.5	25	0	4.566	/	Pass
	16QAM	1852.5	25	0	4.573	/	Pass
		1882.5	25	0	4.569	/	Pass
		1912.5	25	0	4.548	/	Pass
10	QPSK	1855	50	0	9.058	/	Pass
		1882.5	50	0	9.075	/	Pass
		1910	50	0	9.037	/	Pass
	16QAM	1855	50	0	9.076	/	Pass
		1882.5	50	0	9.084	/	Pass
		1910	50	0	9.038	/	Pass
15	QPSK	1857.5	75	0	13.612	/	Pass
		1882.5	75	0	13.583	/	Pass
		1907.5	75	0	13.580	/	Pass
	16QAM	1857.5	75	0	13.612	/	Pass
		1882.5	75	0	13.636	/	Pass
		1907.5	75	0	13.592	/	Pass
20	QPSK	1860	100	0	18.108	/	Pass
		1882.5	100	0	18.193	/	Pass
		1905	100	0	18.153	/	Pass
	16QAM	1860	100	0	18.151	/	Pass
		1882.5	100	0	18.174	/	Pass
		1905	100	0	18.095	/	Pass

4.1.2 Band25_XDB

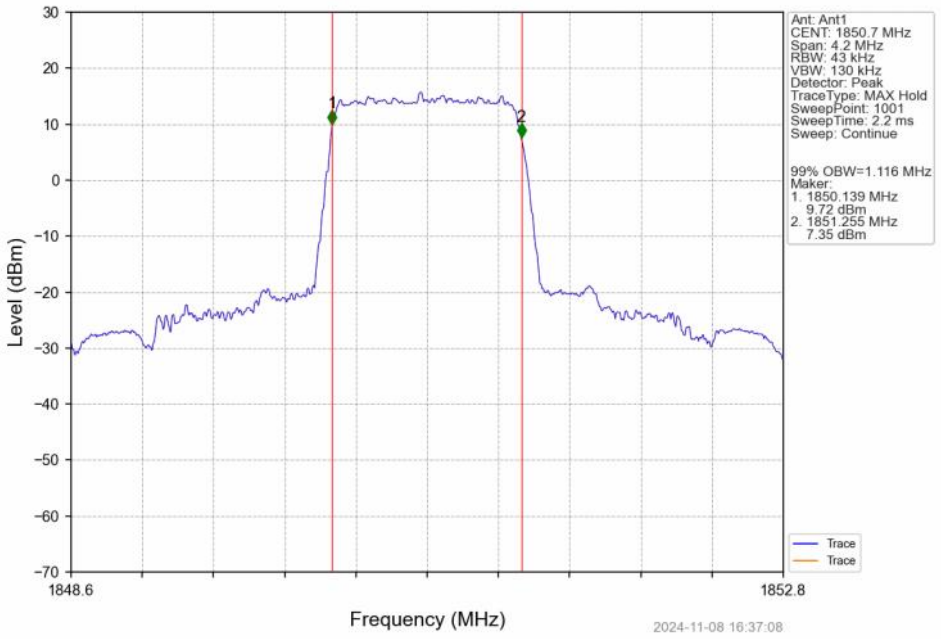
Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.263	/	Pass
		1882.5	6	0	1.277	/	Pass
		1914.3	6	0	1.280	/	Pass

	16QAM	1850.7	6	0	1.273	/	Pass
		1882.5	6	0	1.277	/	Pass
		1914.3	6	0	1.277	/	Pass
3	QPSK	1851.5	15	0	3.113	/	Pass
		1882.5	15	0	3.105	/	Pass
		1913.5	15	0	3.097	/	Pass
	16QAM	1851.5	15	0	3.127	/	Pass
		1882.5	15	0	3.098	/	Pass
		1913.5	15	0	3.097	/	Pass
5	QPSK	1852.5	25	0	5.067	/	Pass
		1882.5	25	0	5.072	/	Pass
		1912.5	25	0	5.035	/	Pass
	16QAM	1852.5	25	0	5.085	/	Pass
		1882.5	25	0	5.091	/	Pass
		1912.5	25	0	5.060	/	Pass
10	QPSK	1855	50	0	10.098	/	Pass
		1882.5	50	0	10.111	/	Pass
		1910	50	0	10.017	/	Pass
	16QAM	1855	50	0	10.045	/	Pass
		1882.5	50	0	10.053	/	Pass
		1910	50	0	9.956	/	Pass
15	QPSK	1857.5	75	0	15.307	/	Pass
		1882.5	75	0	15.180	/	Pass
		1907.5	75	0	15.217	/	Pass
	16QAM	1857.5	75	0	15.137	/	Pass
		1882.5	75	0	15.359	/	Pass
		1907.5	75	0	15.108	/	Pass
20	QPSK	1860	100	0	20.134	/	Pass
		1882.5	100	0	20.044	/	Pass
		1905	100	0	20.033	/	Pass
	16QAM	1860	100	0	19.961	/	Pass
		1882.5	100	0	20.048	/	Pass
		1905	100	0	20.073	/	Pass

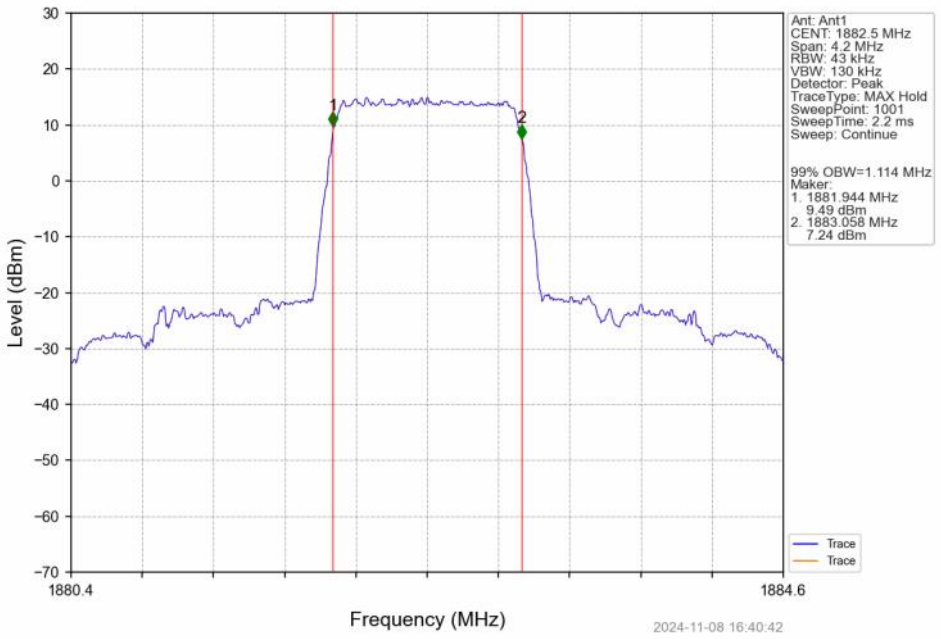
4.2 Test Graph

4.2.1 Band25_OBW

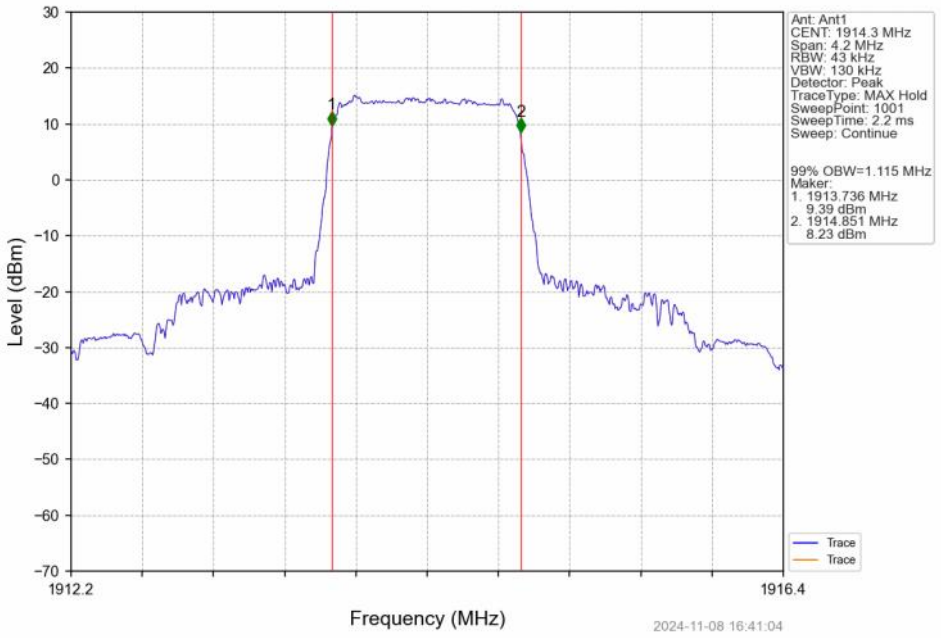
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



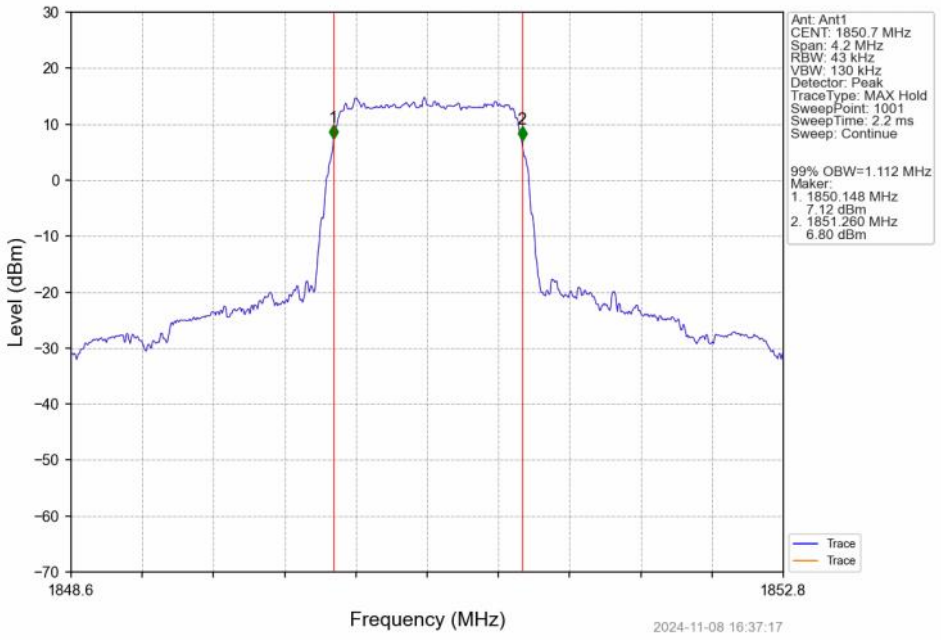
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



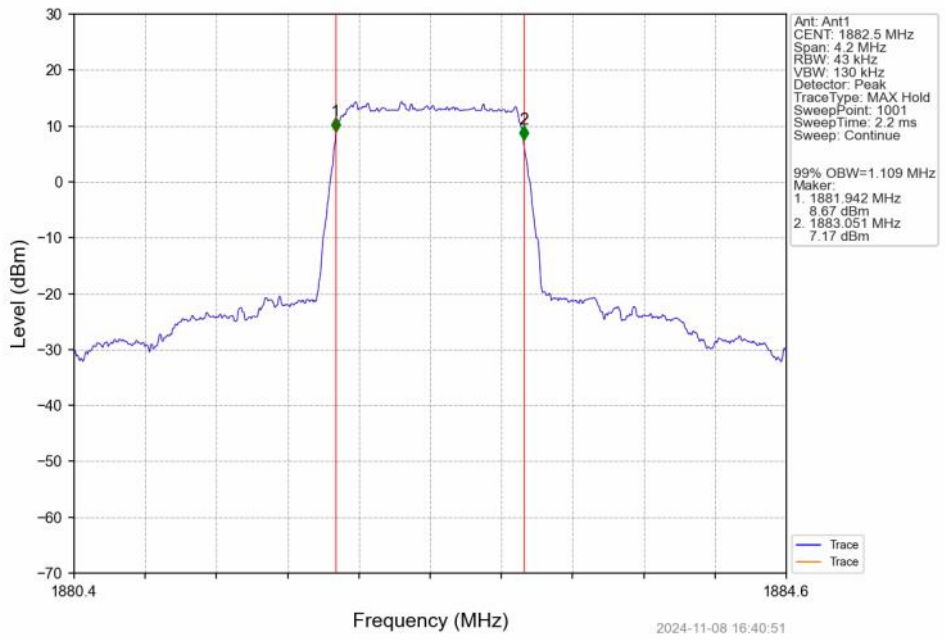
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



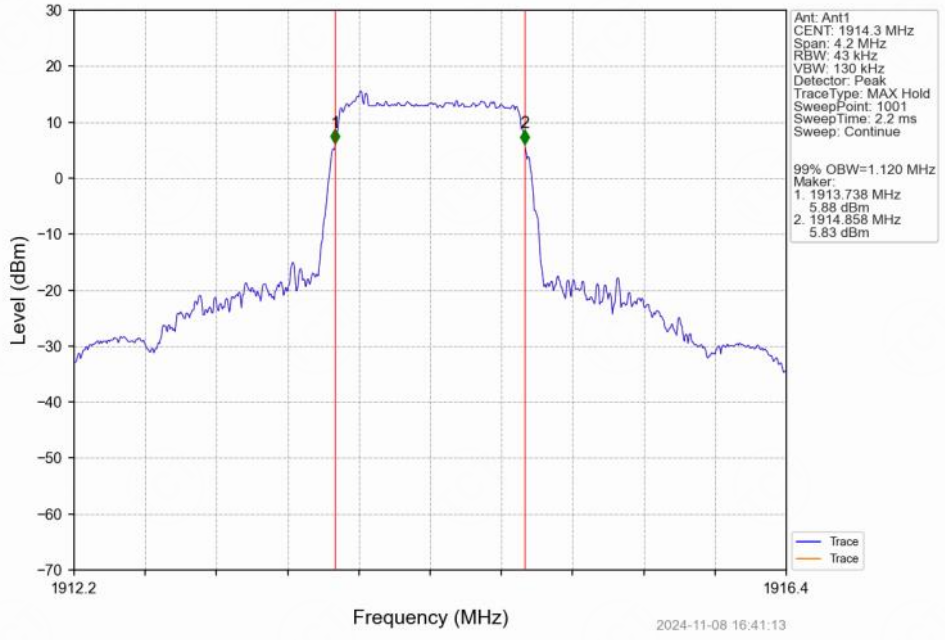
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



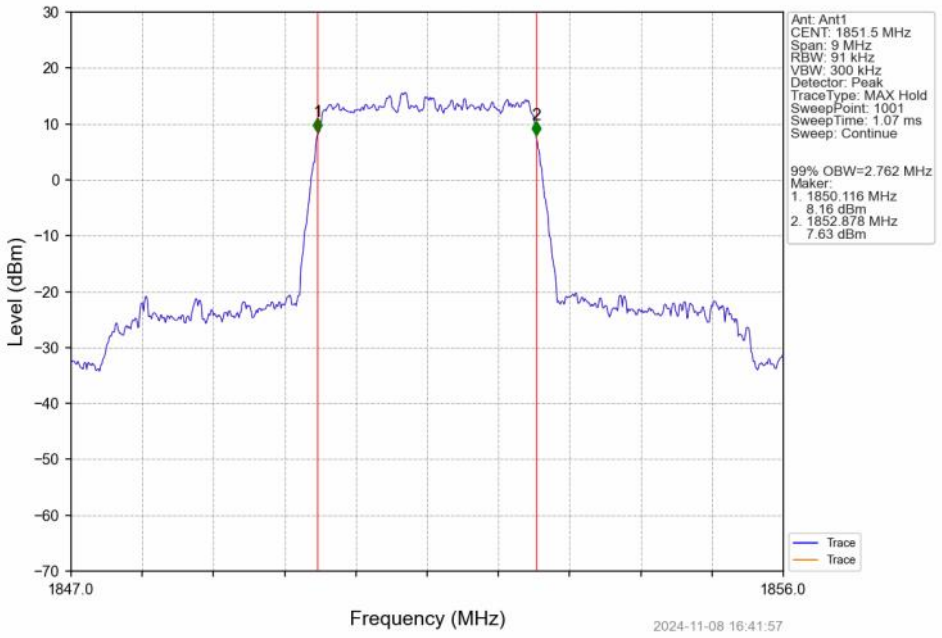
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



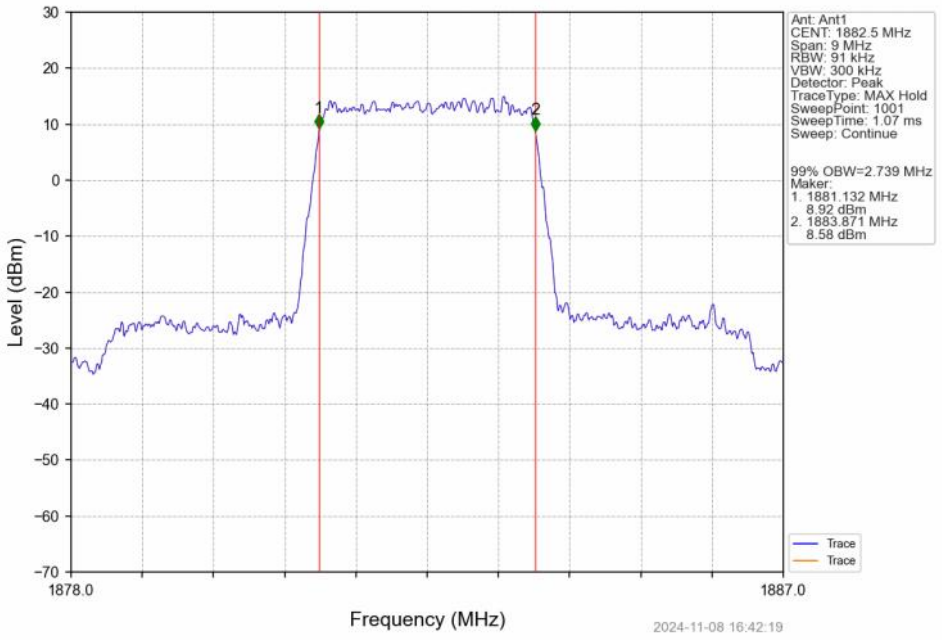
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



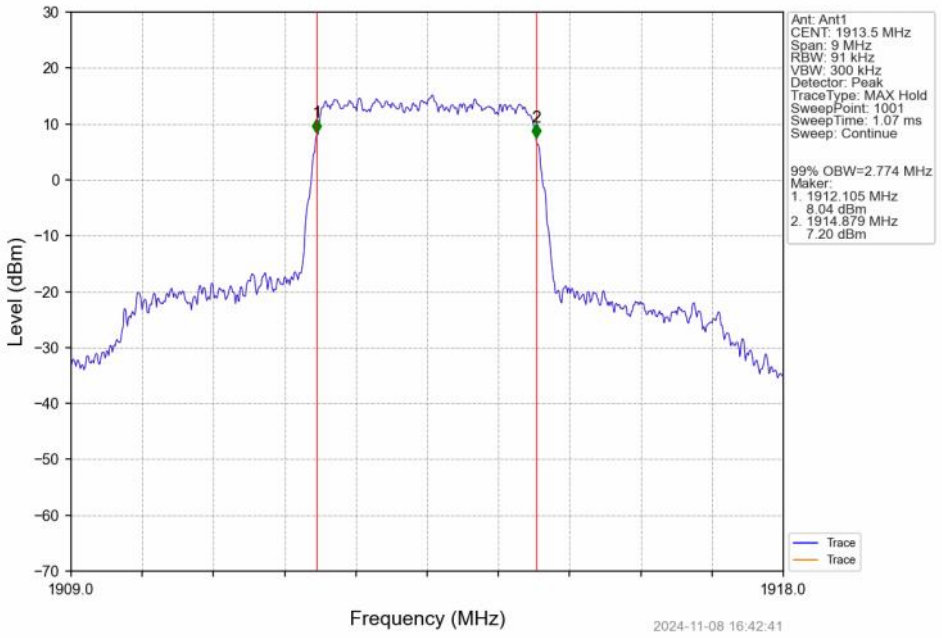
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



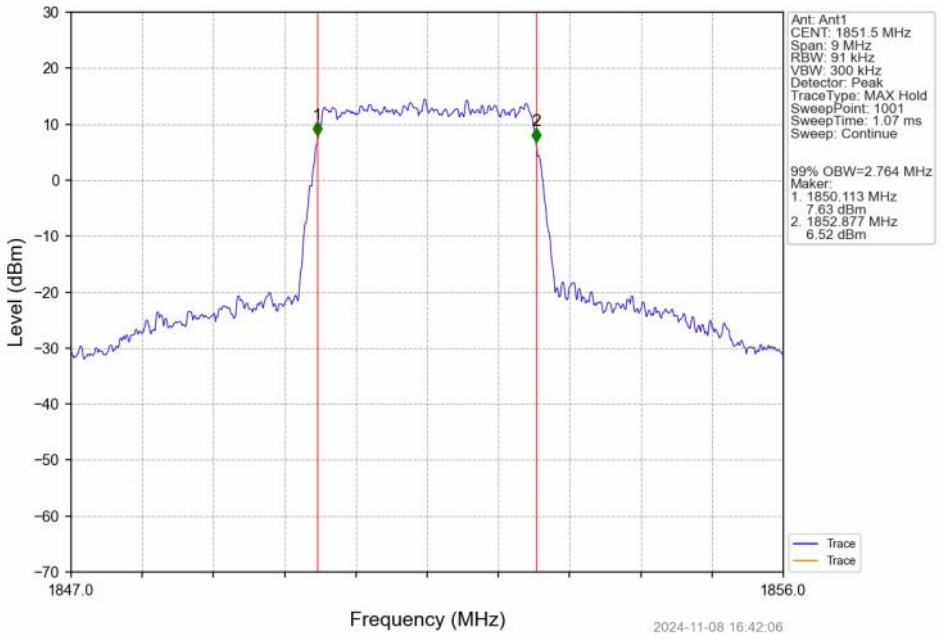
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



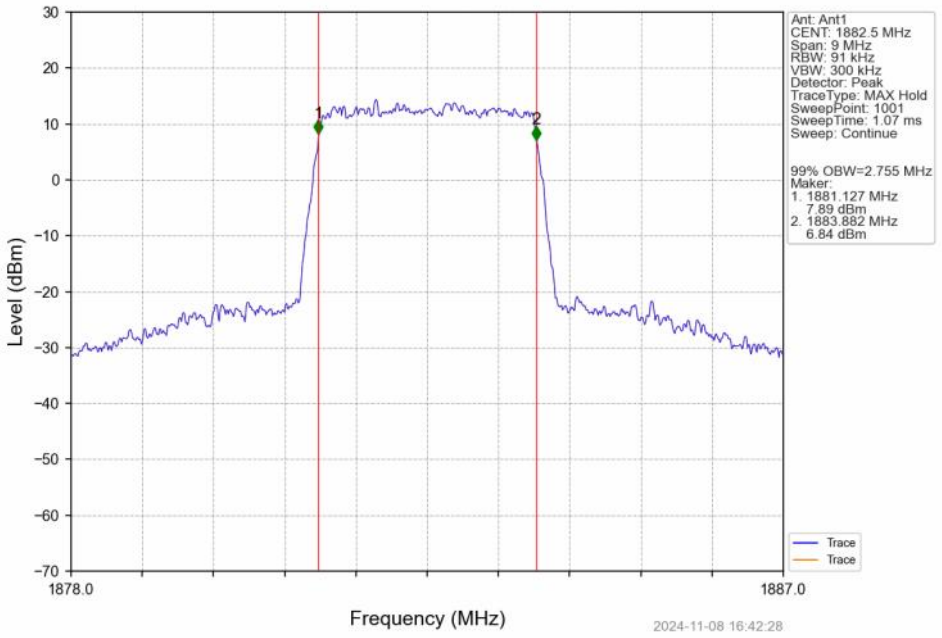
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



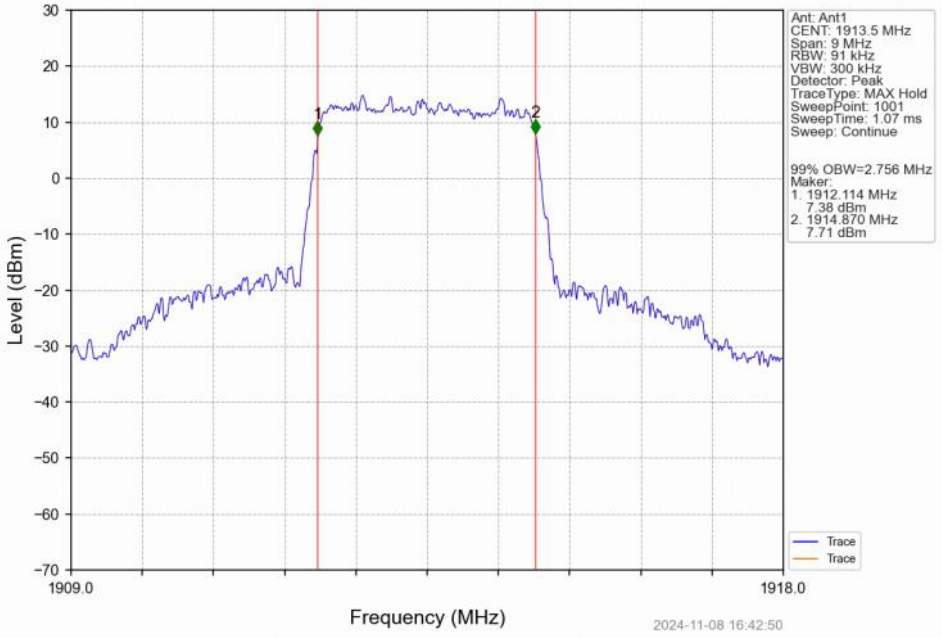
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



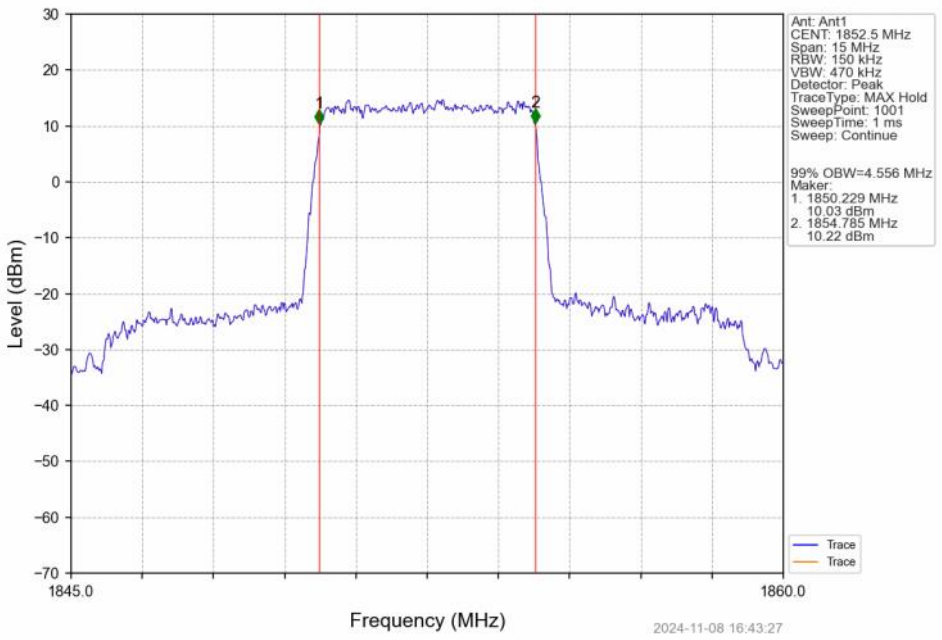
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



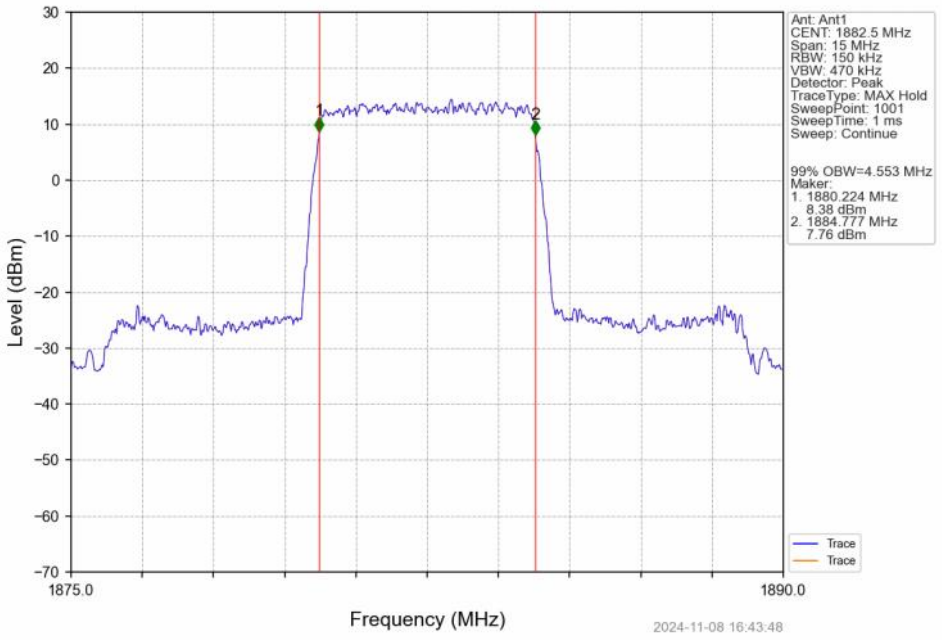
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



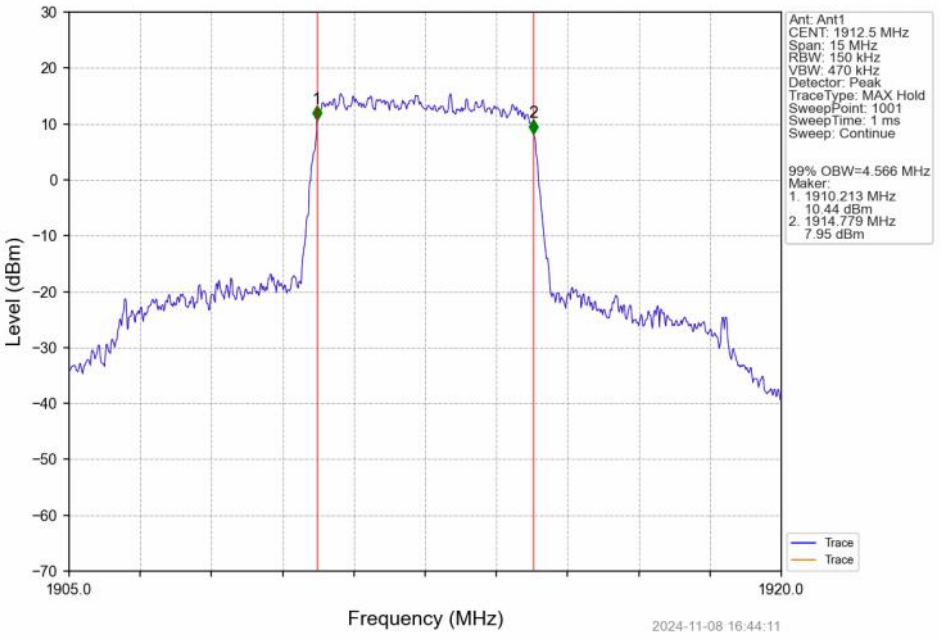
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



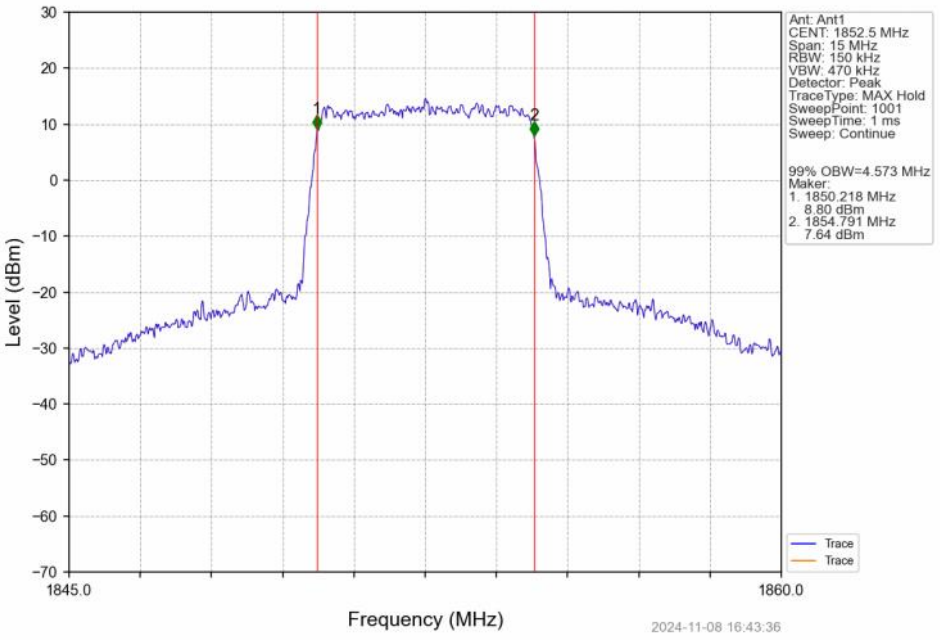
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



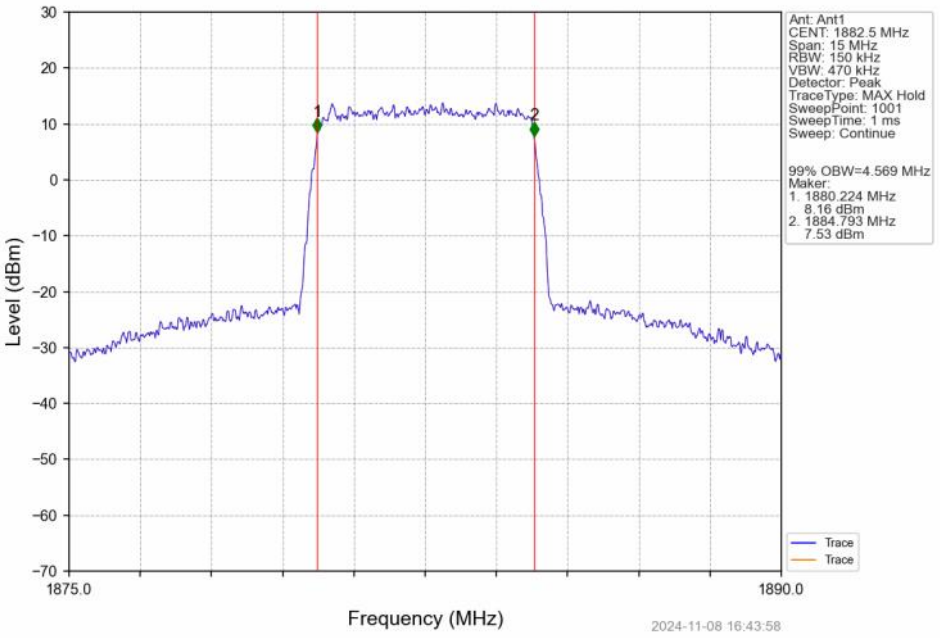
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



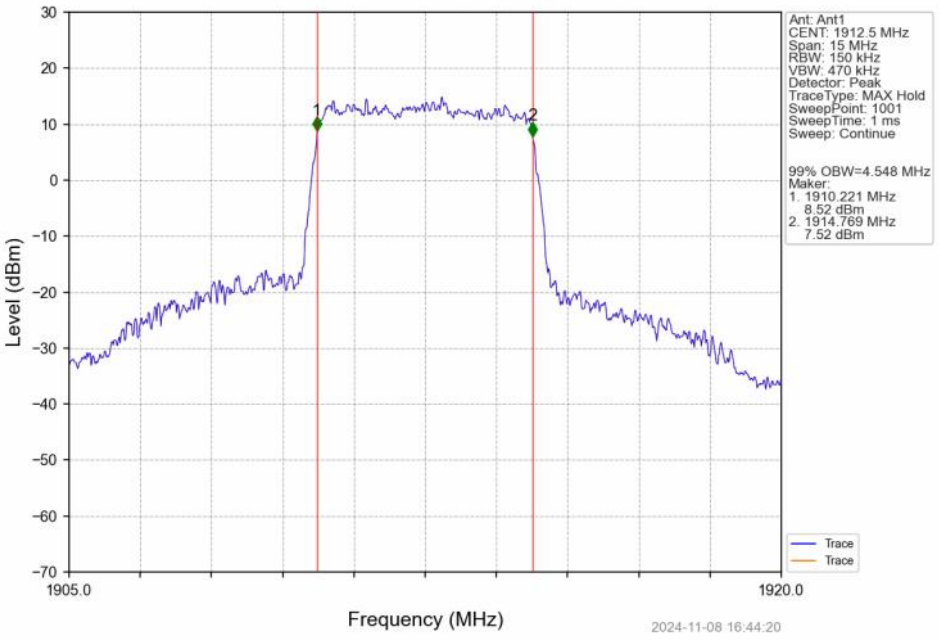
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



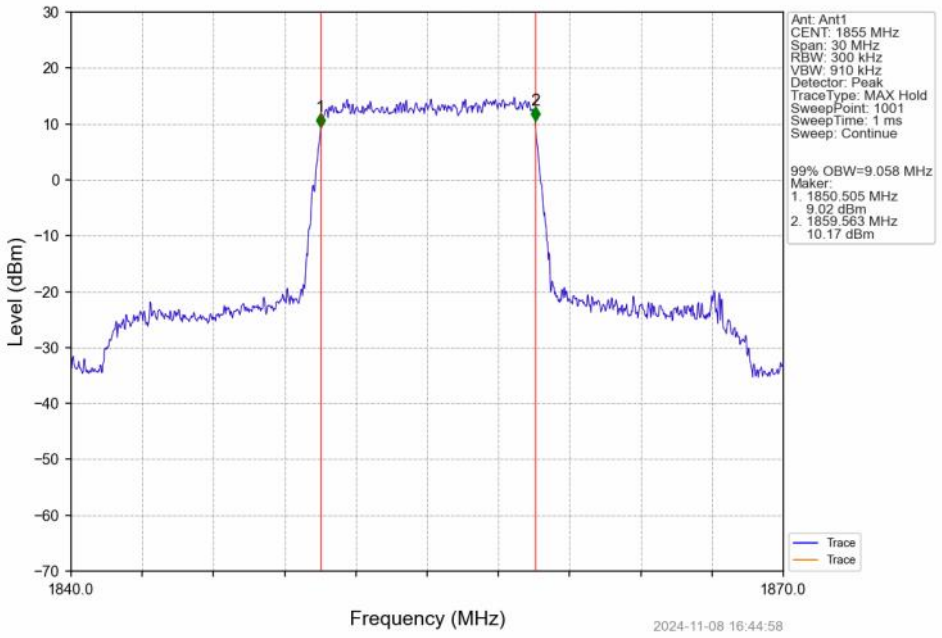
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



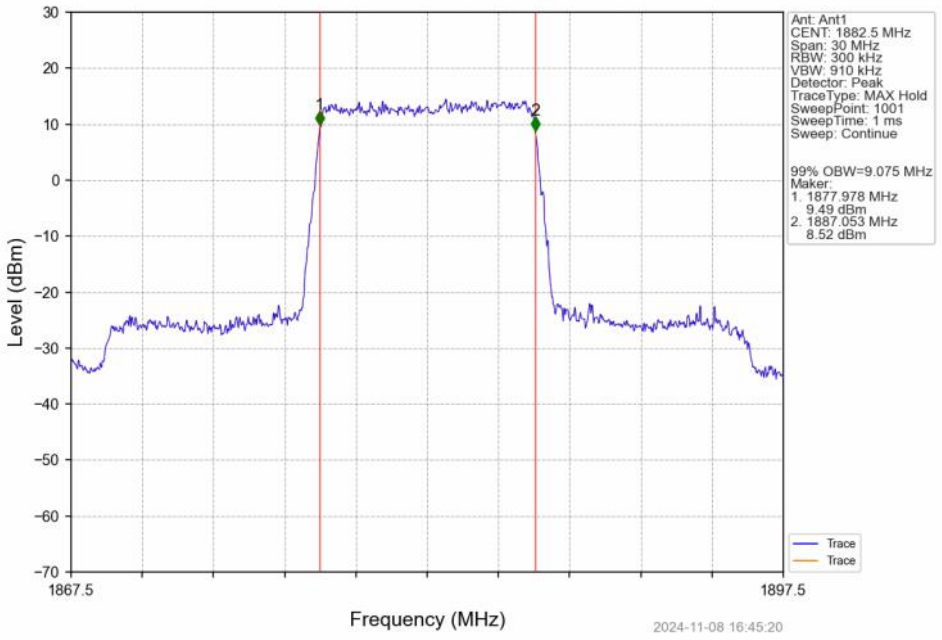
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



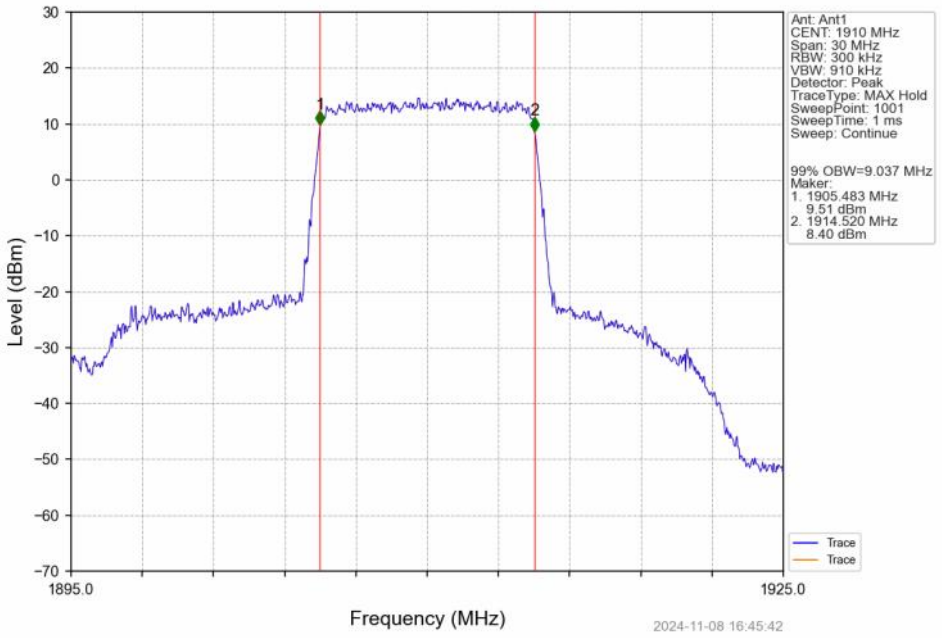
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



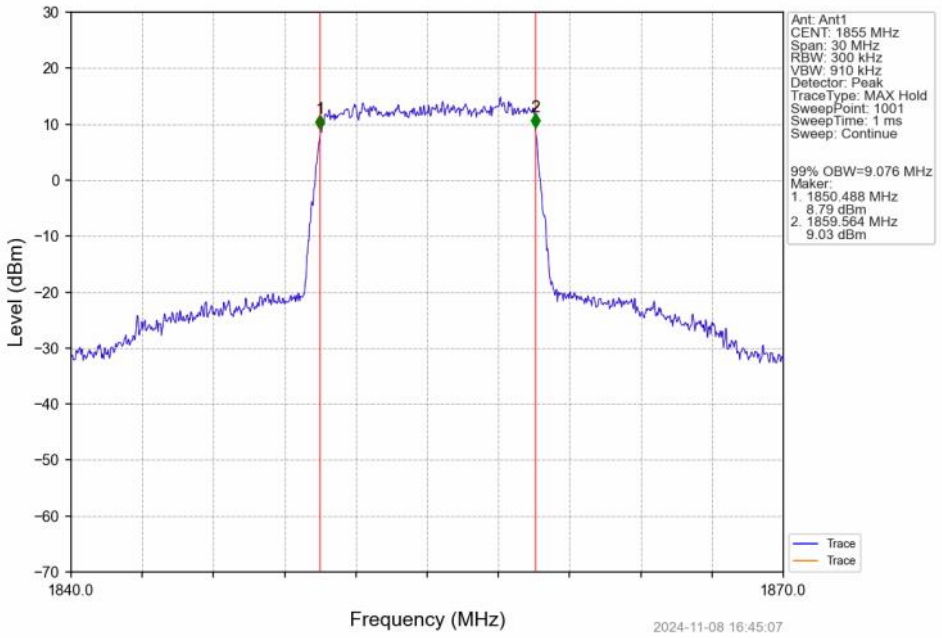
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



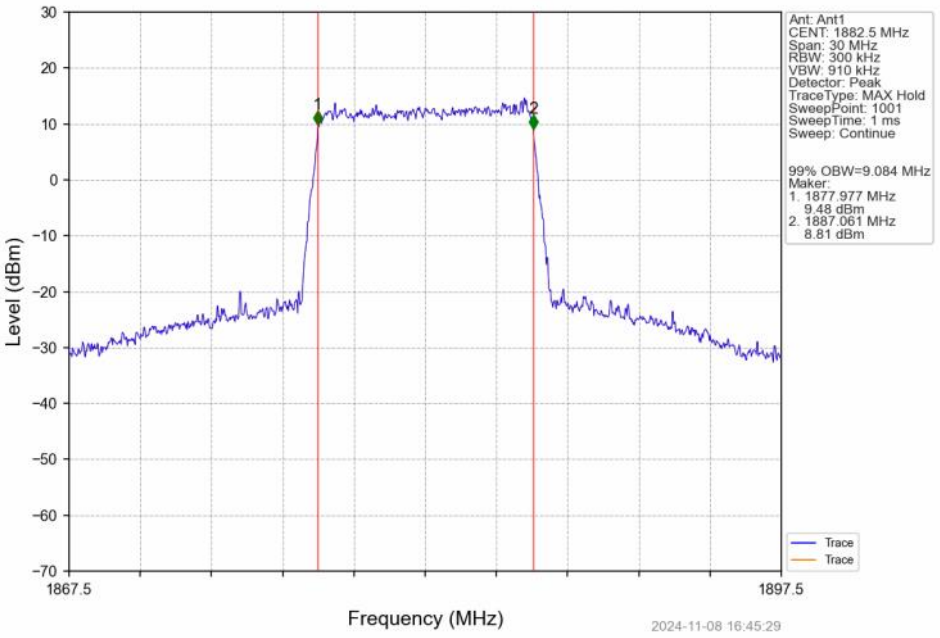
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



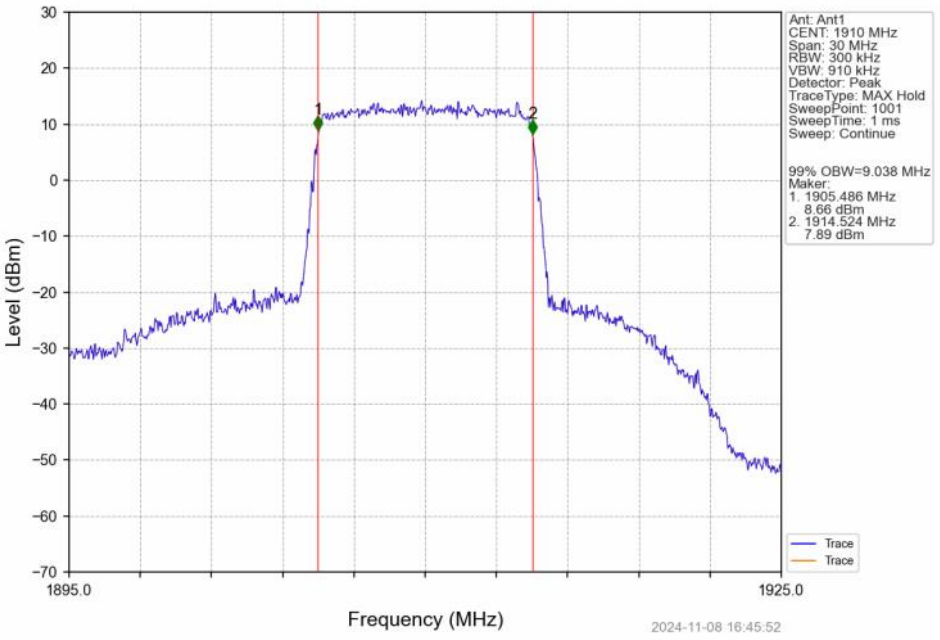
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



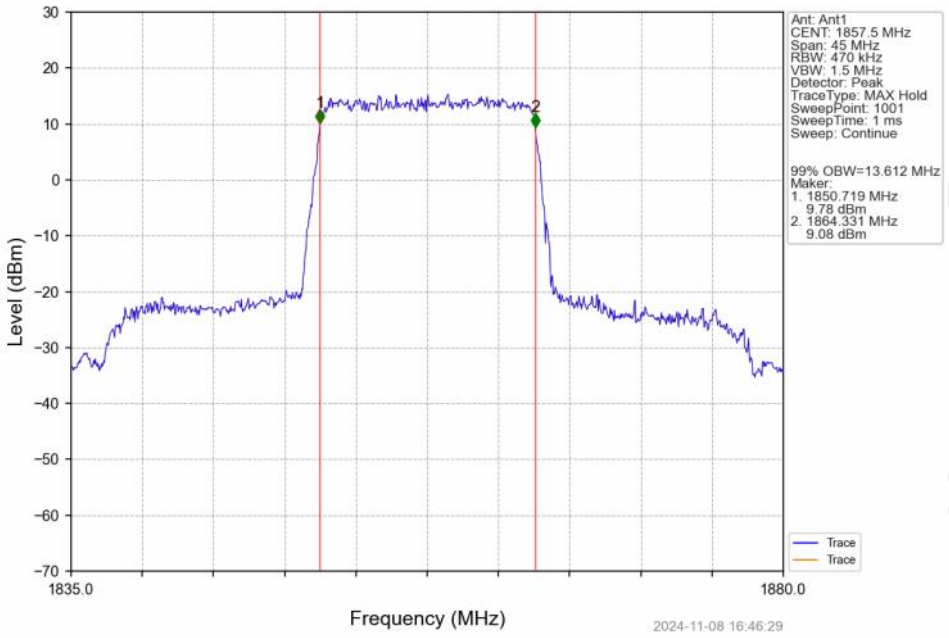
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



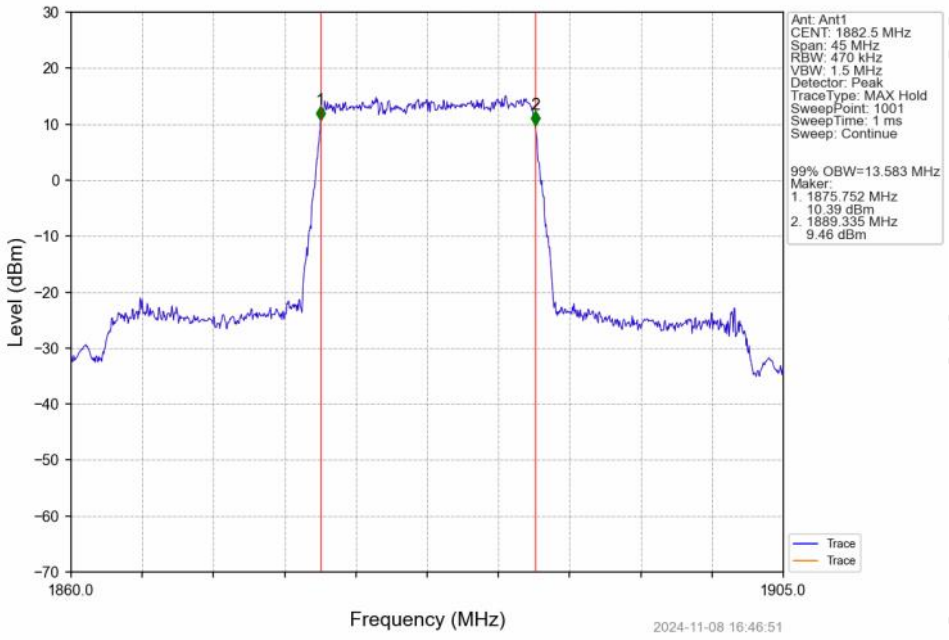
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



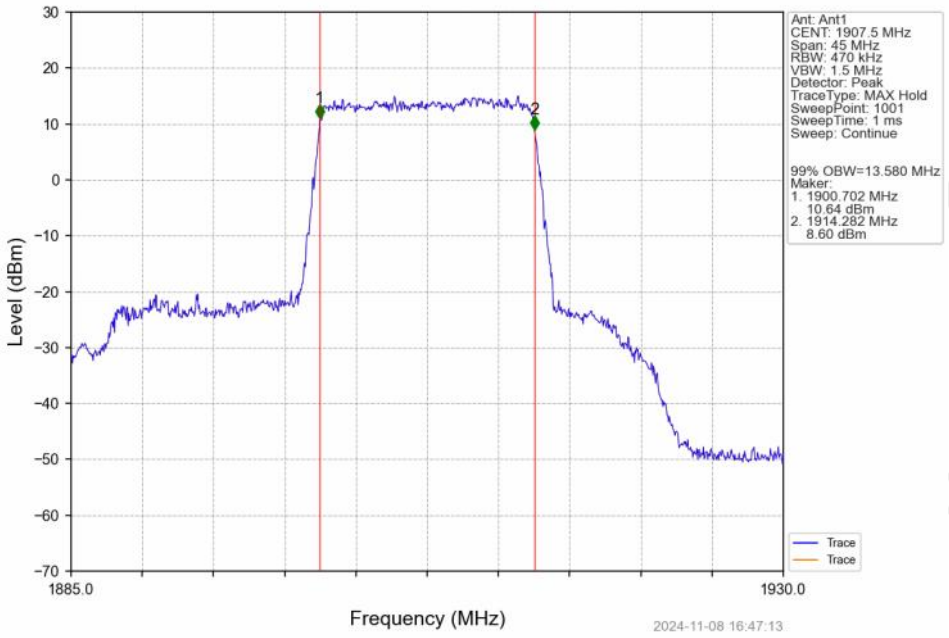
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



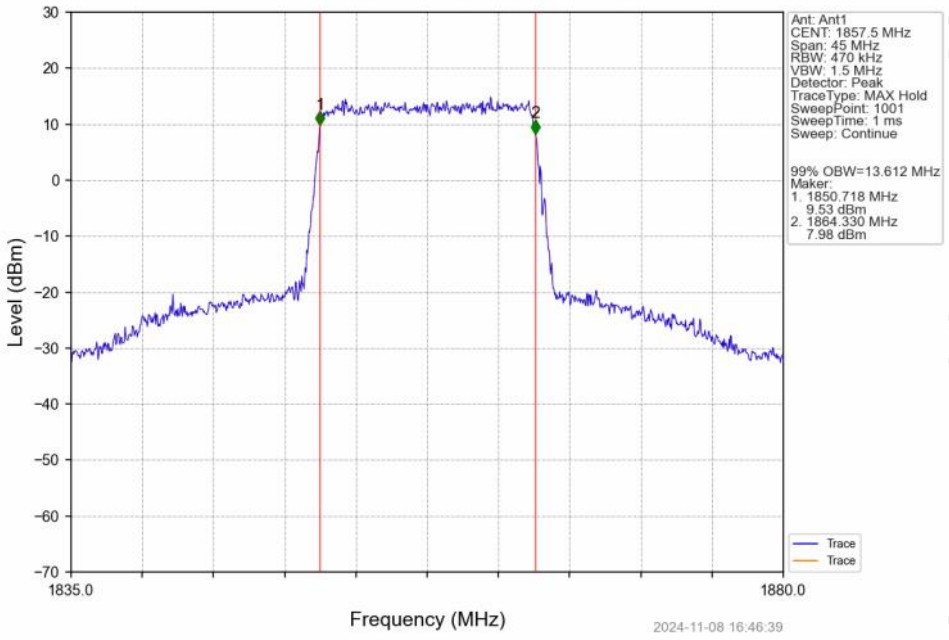
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



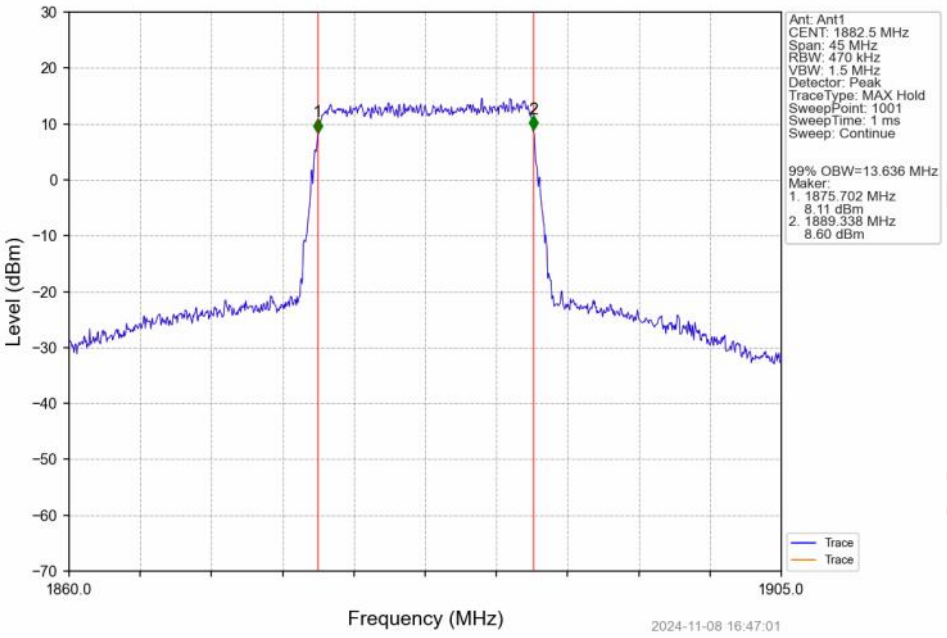
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



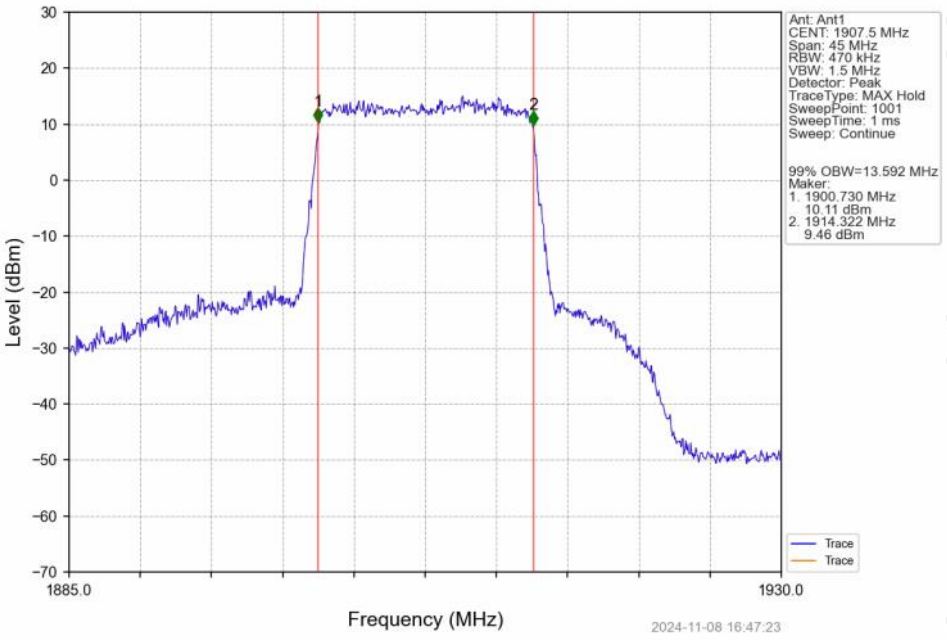
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



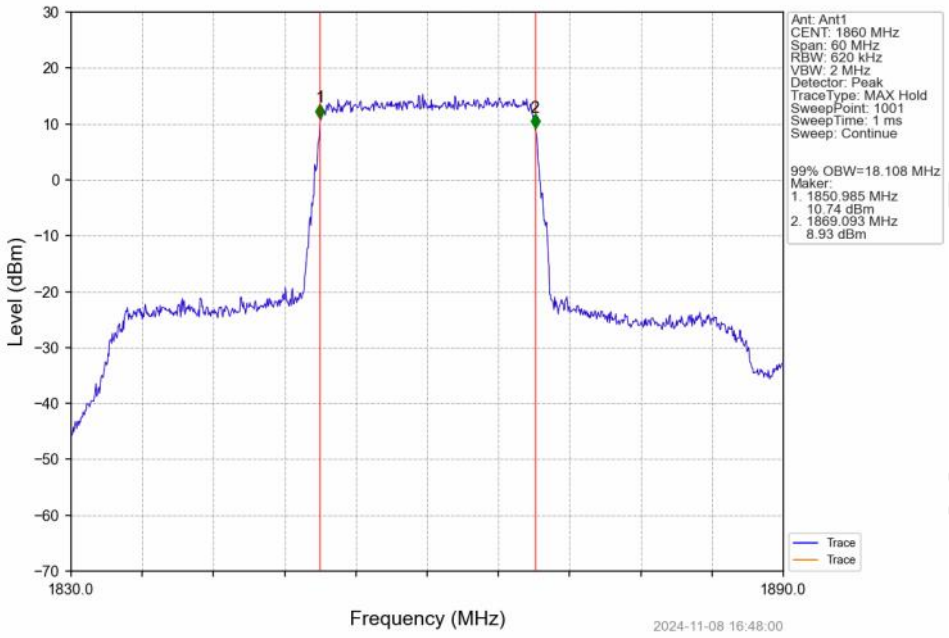
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



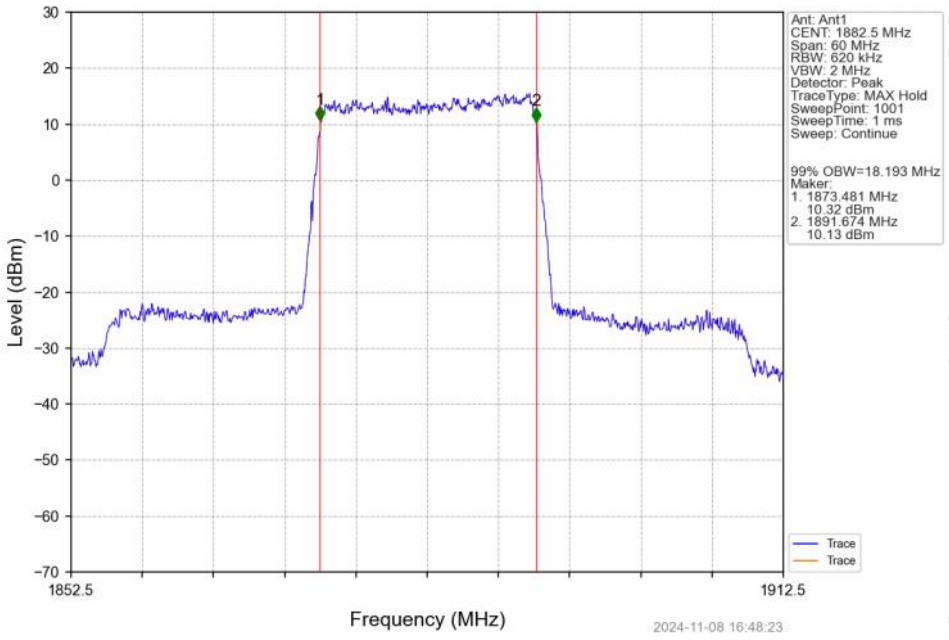
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



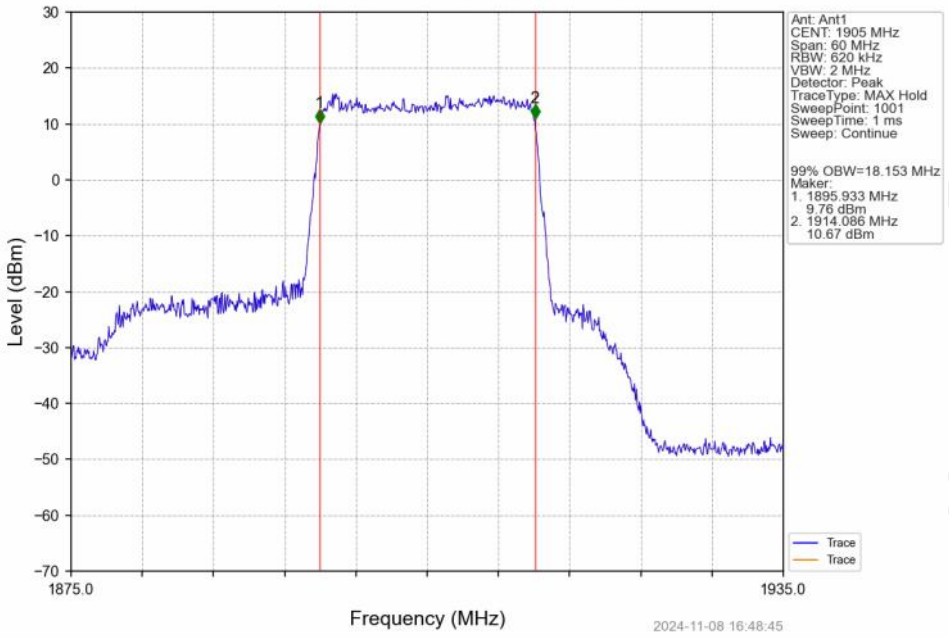
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



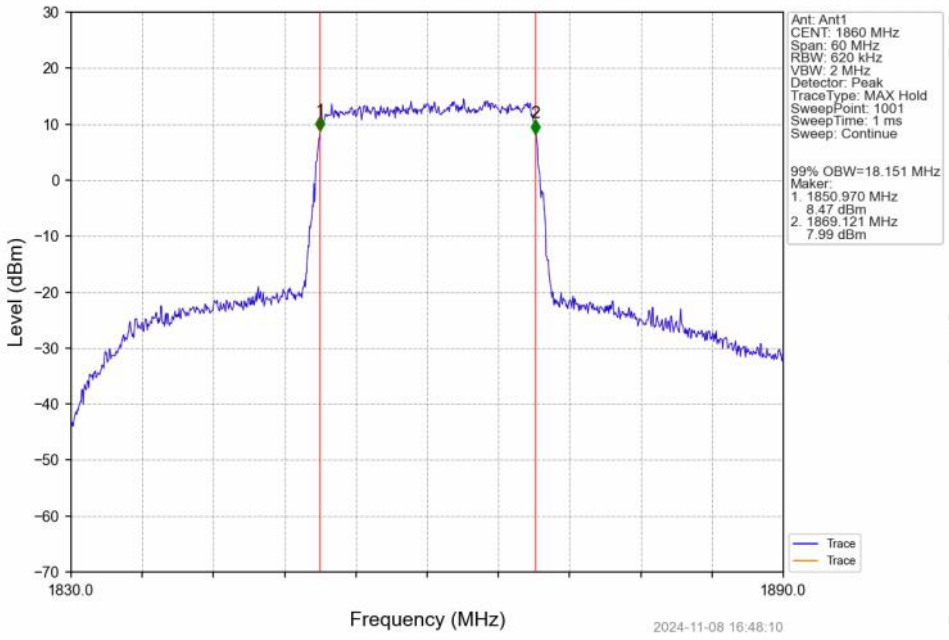
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



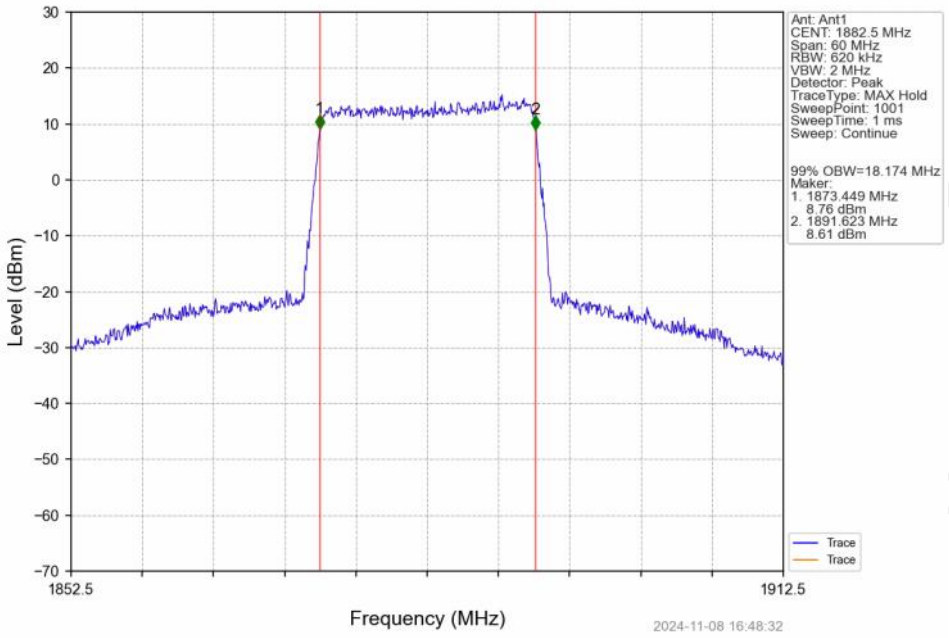
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



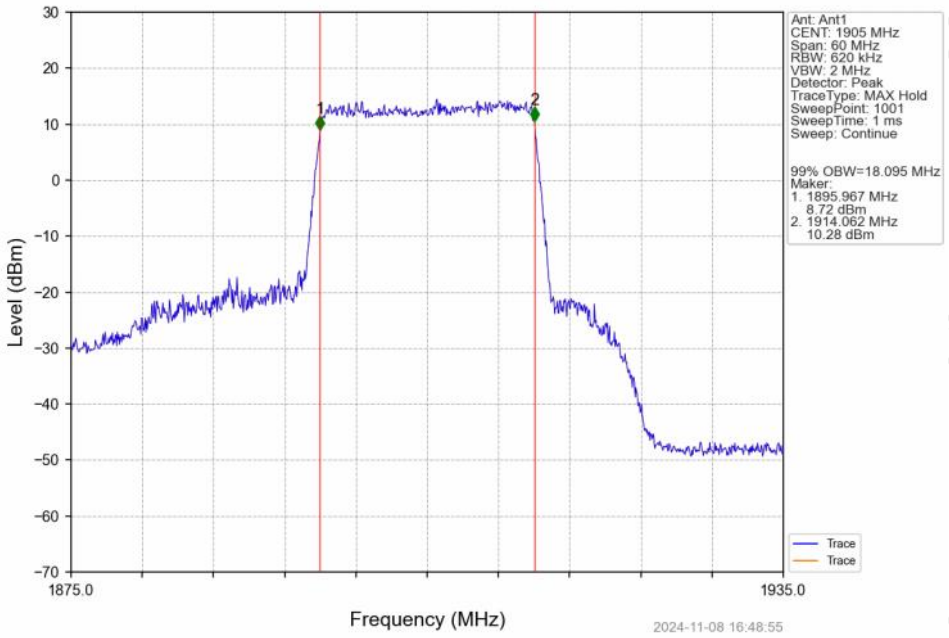
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV

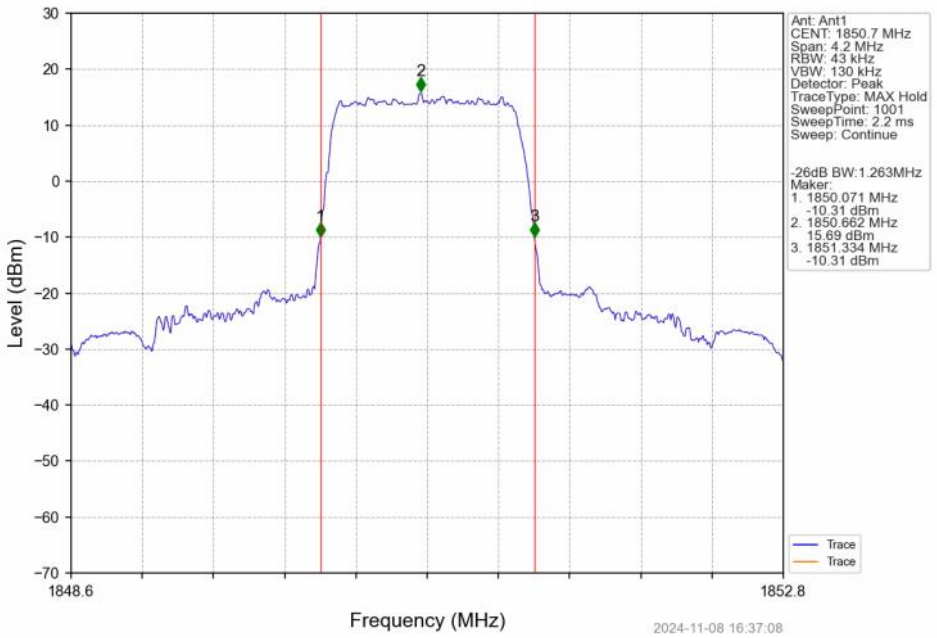


Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

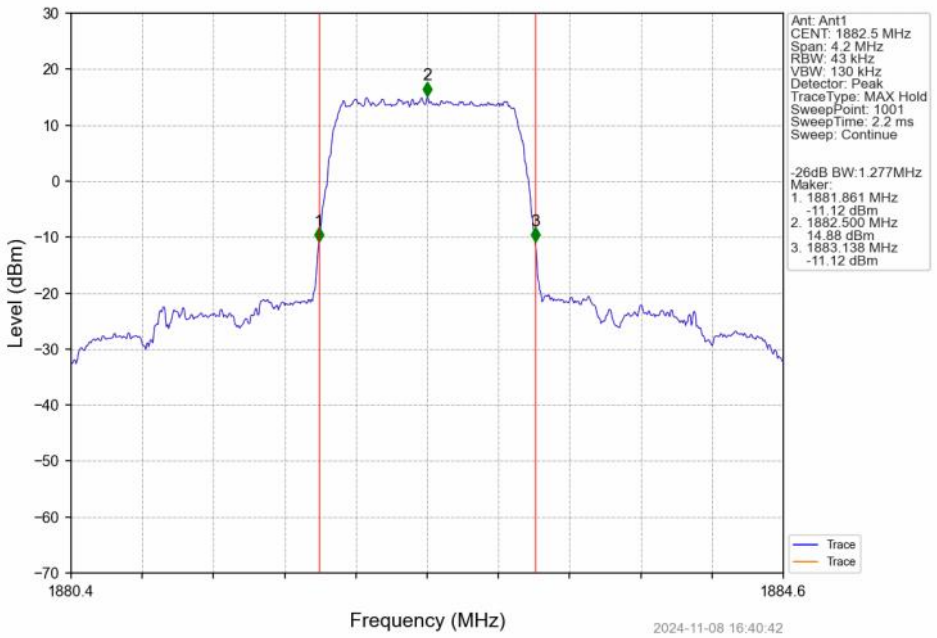


4.2.2 Band25_XDB

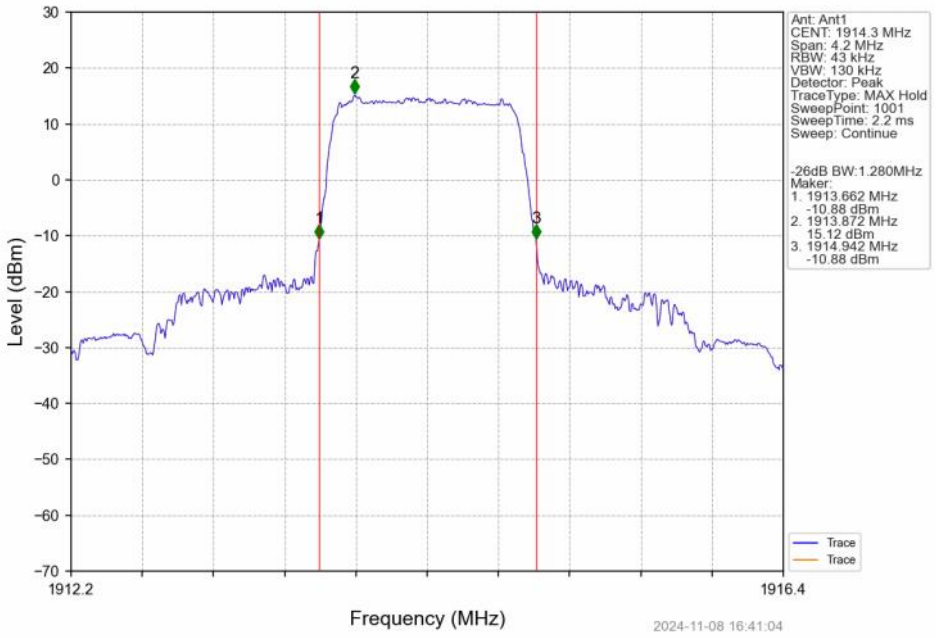
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



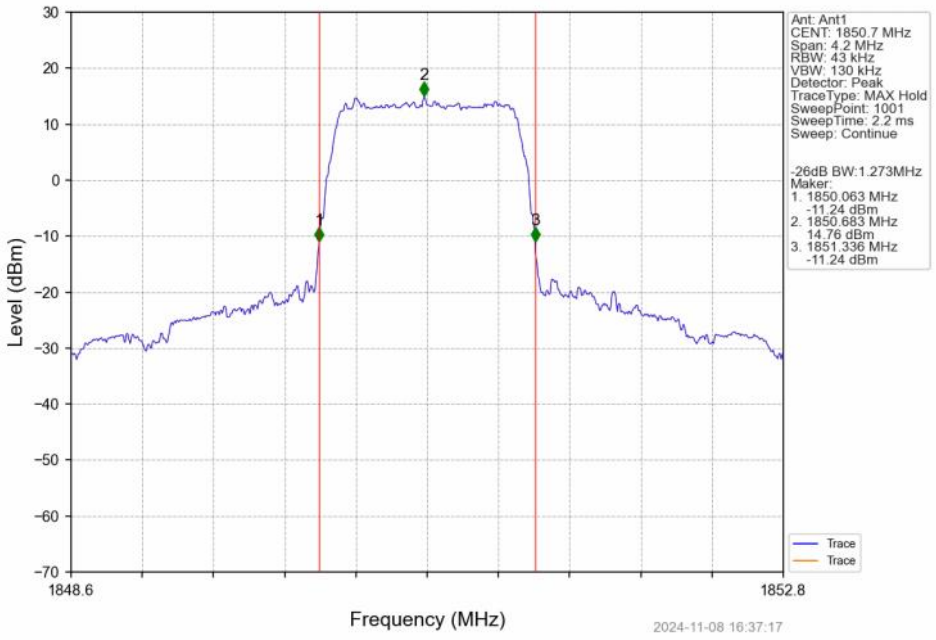
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



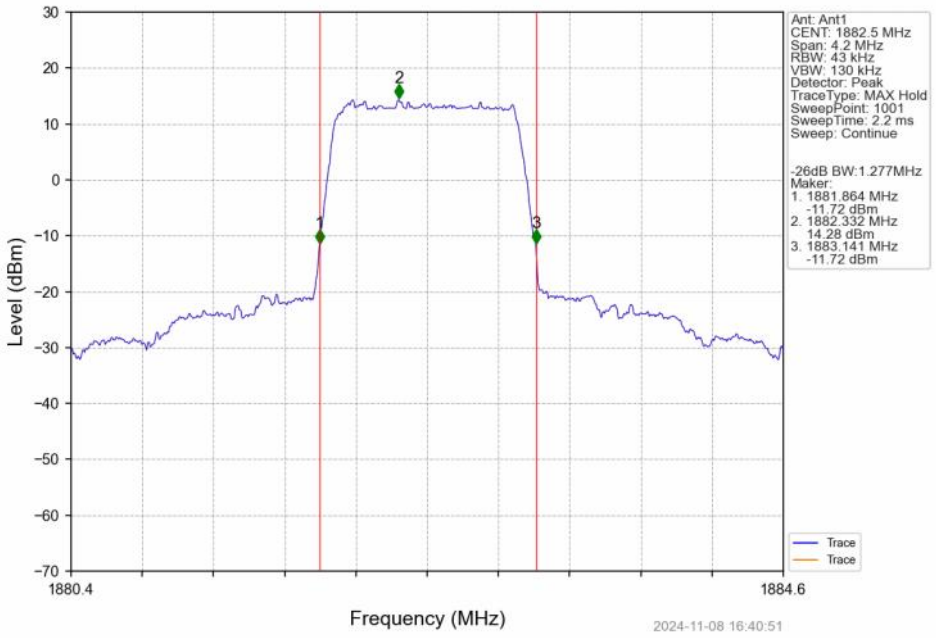
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



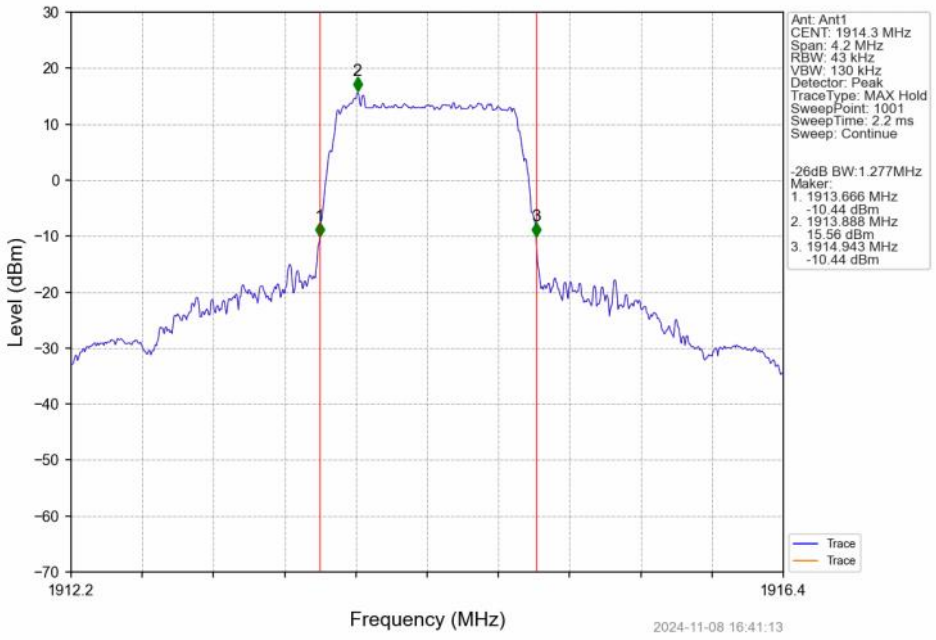
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



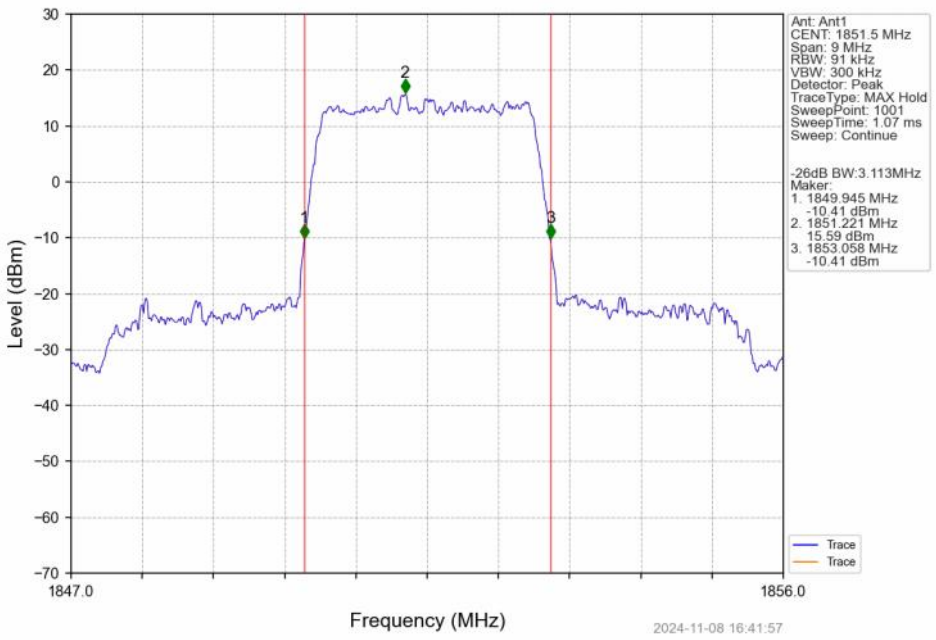
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



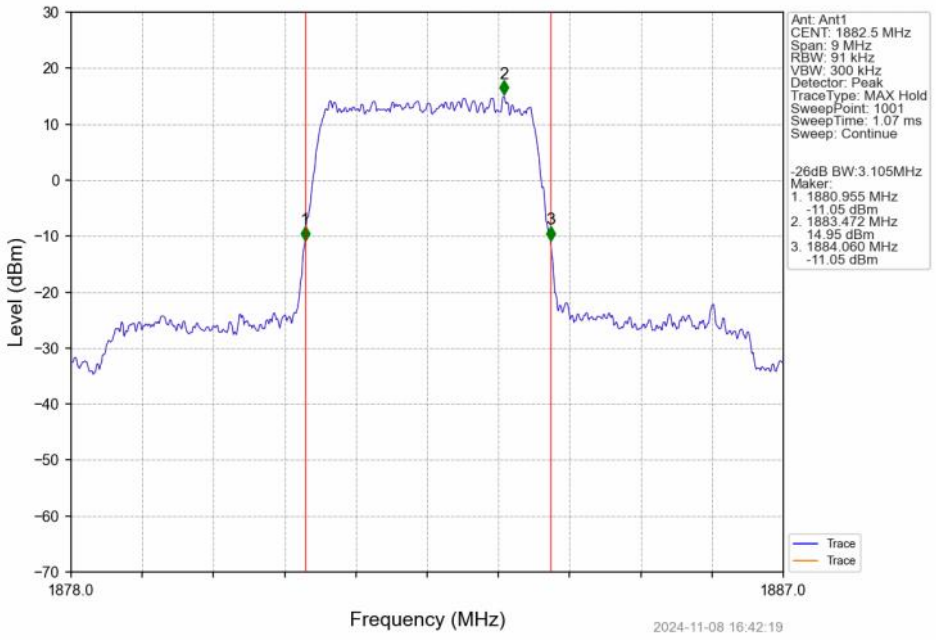
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



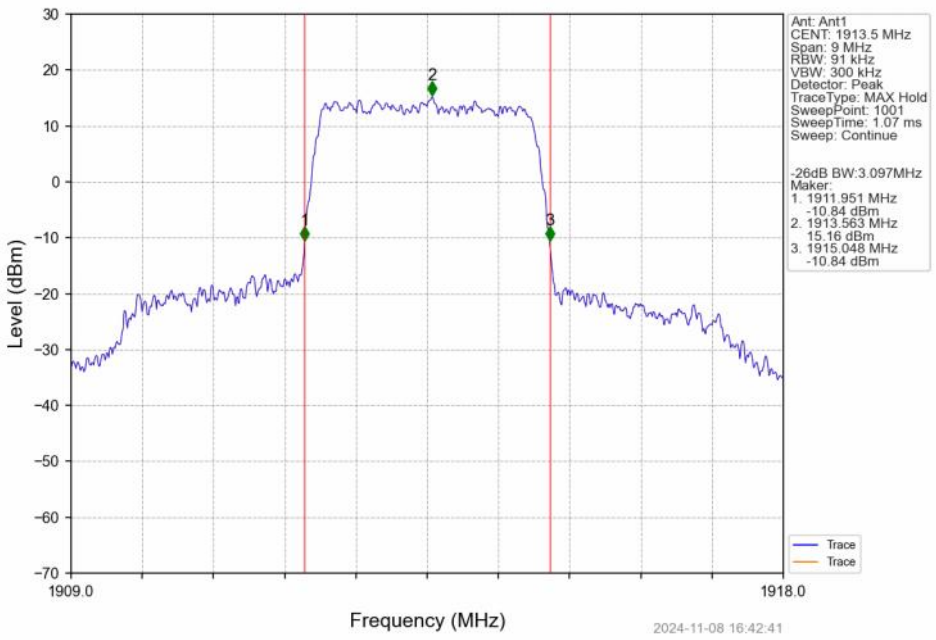
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



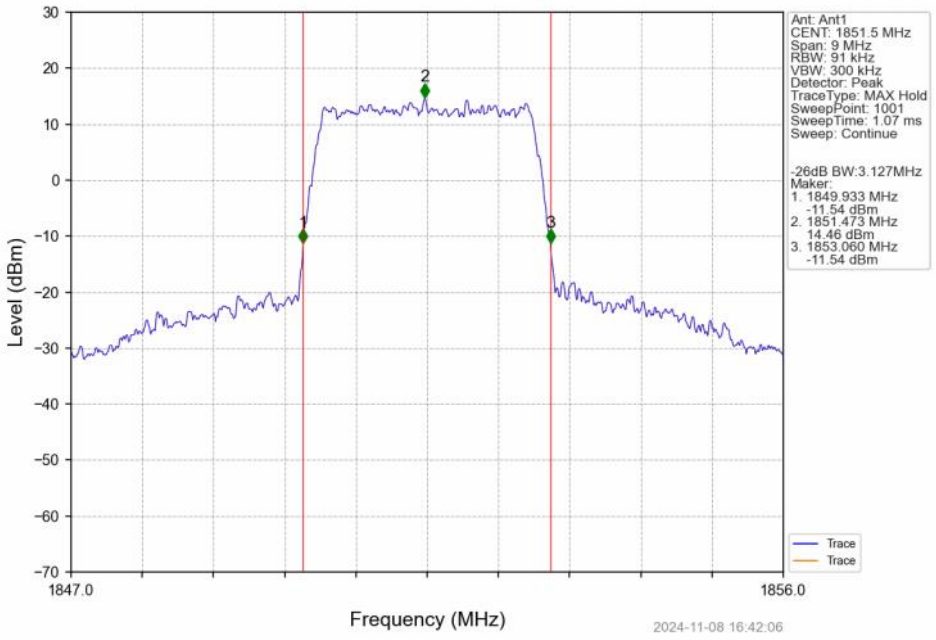
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



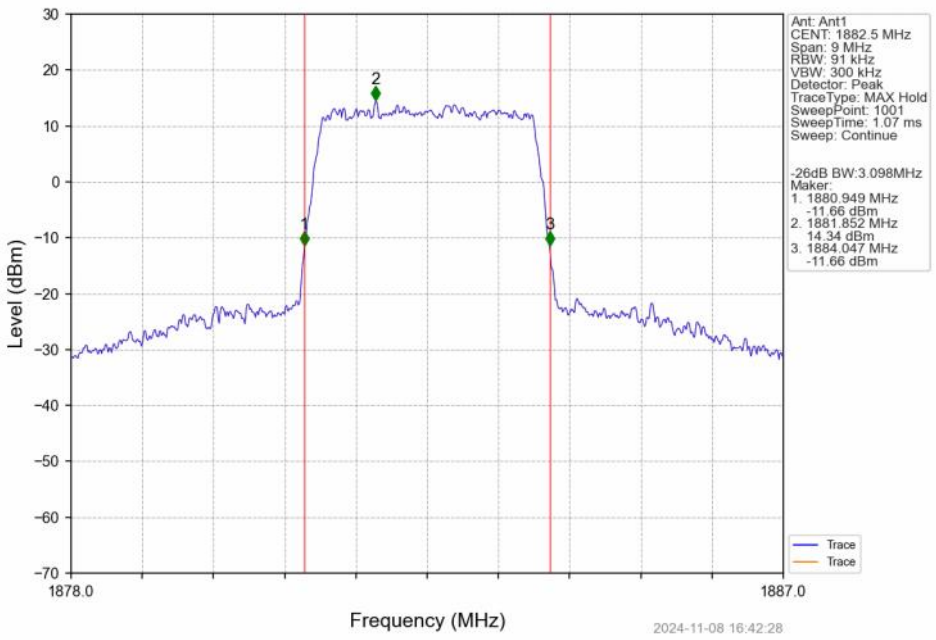
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



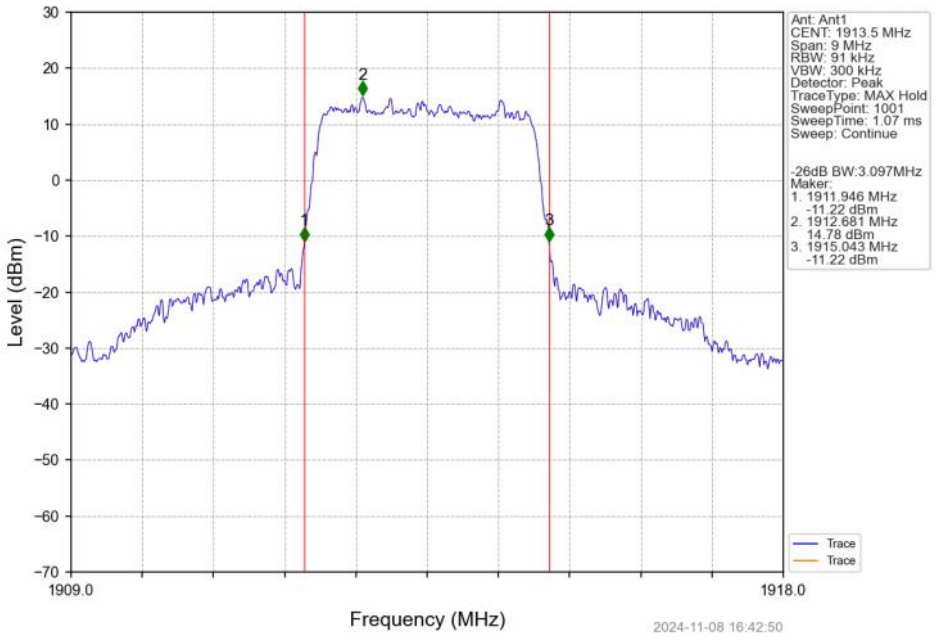
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



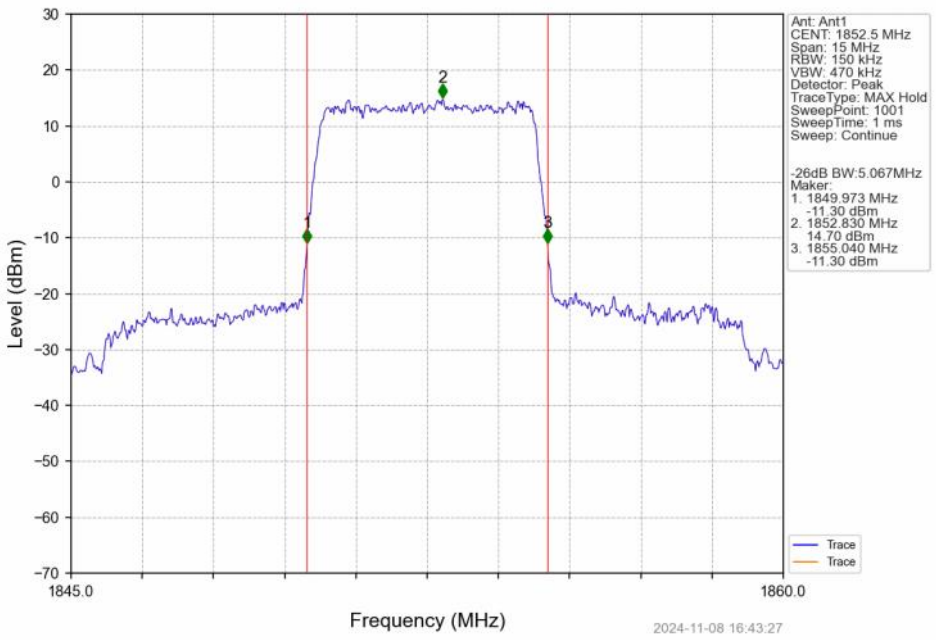
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



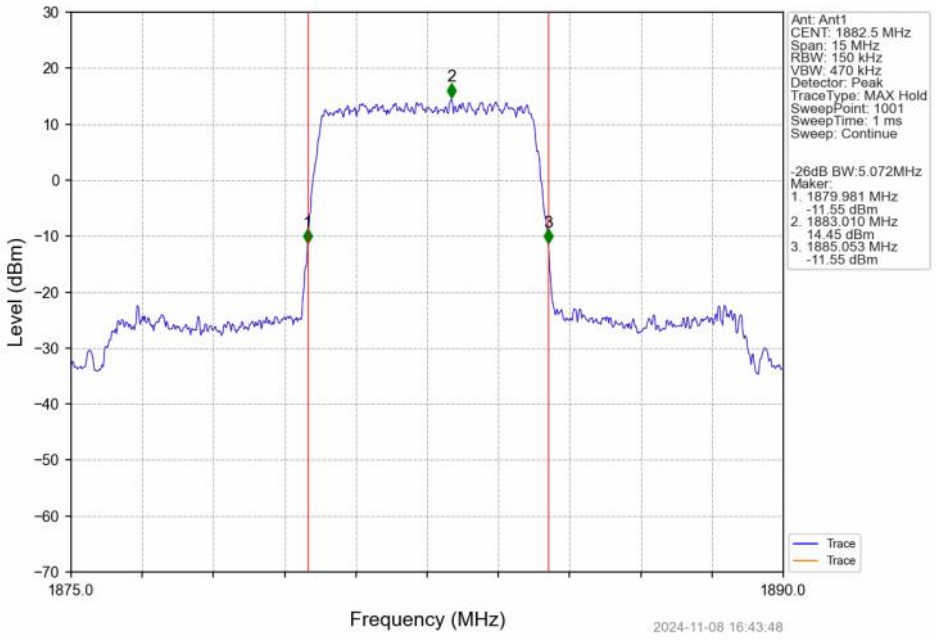
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



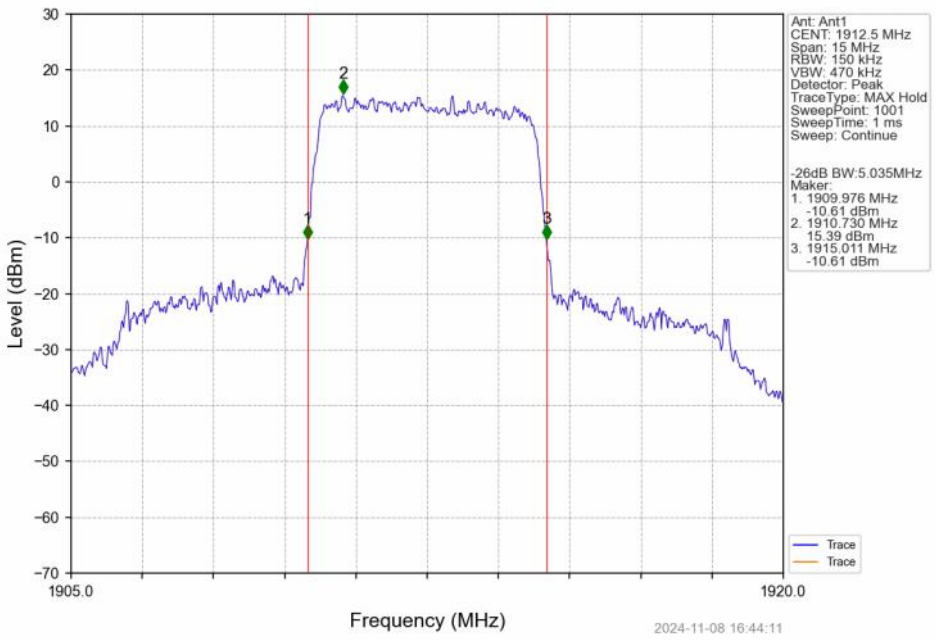
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



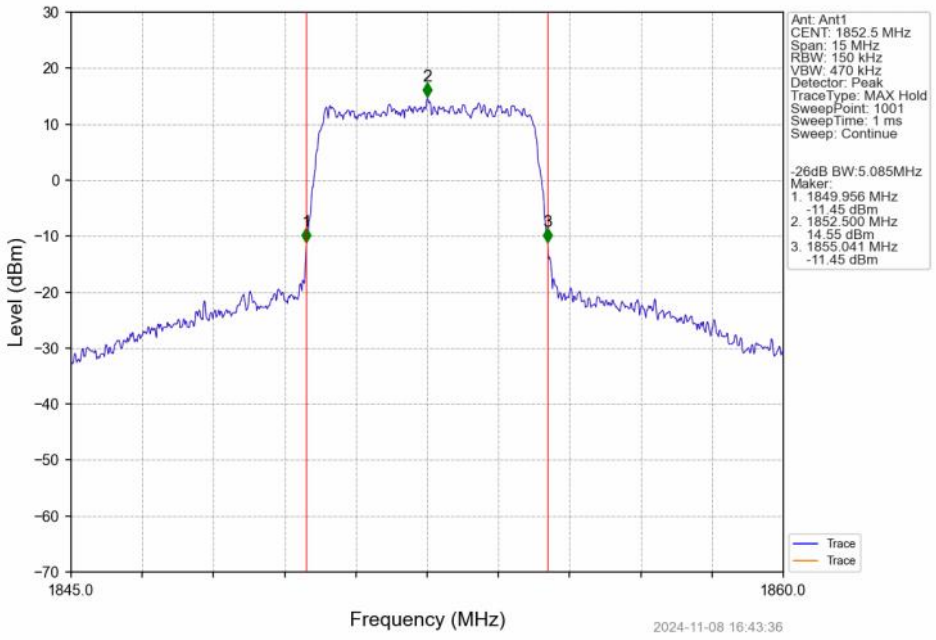
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



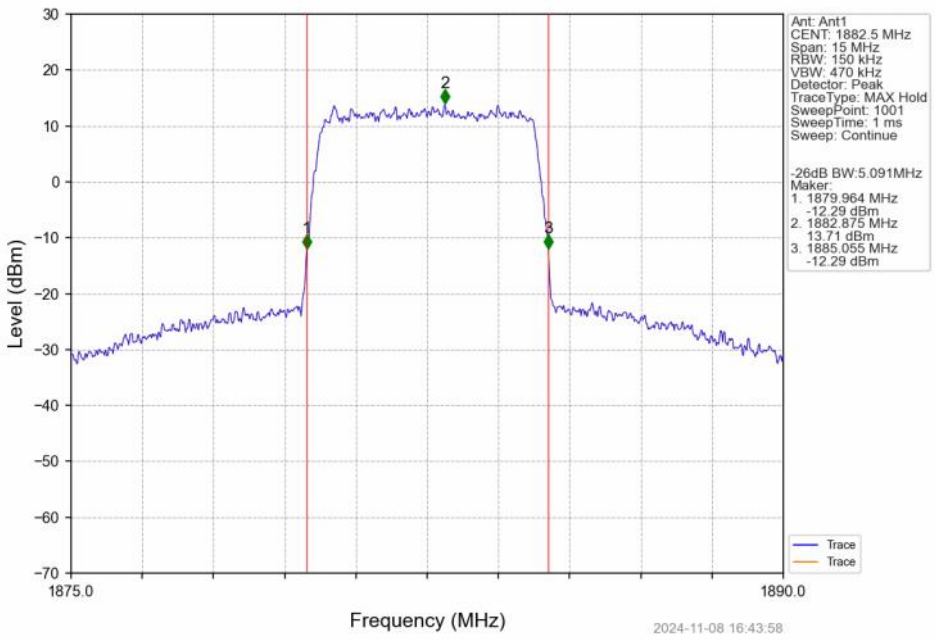
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



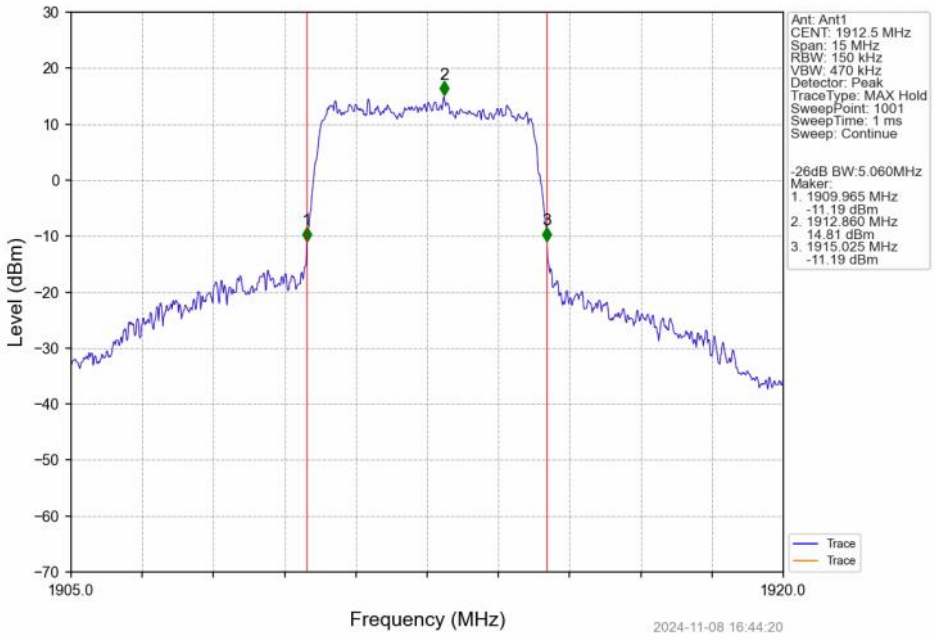
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



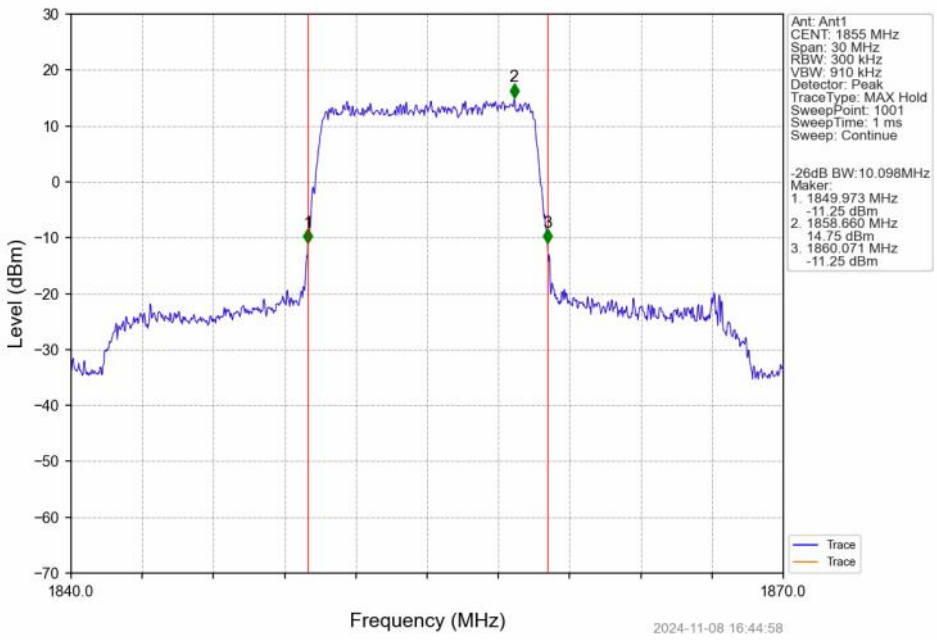
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



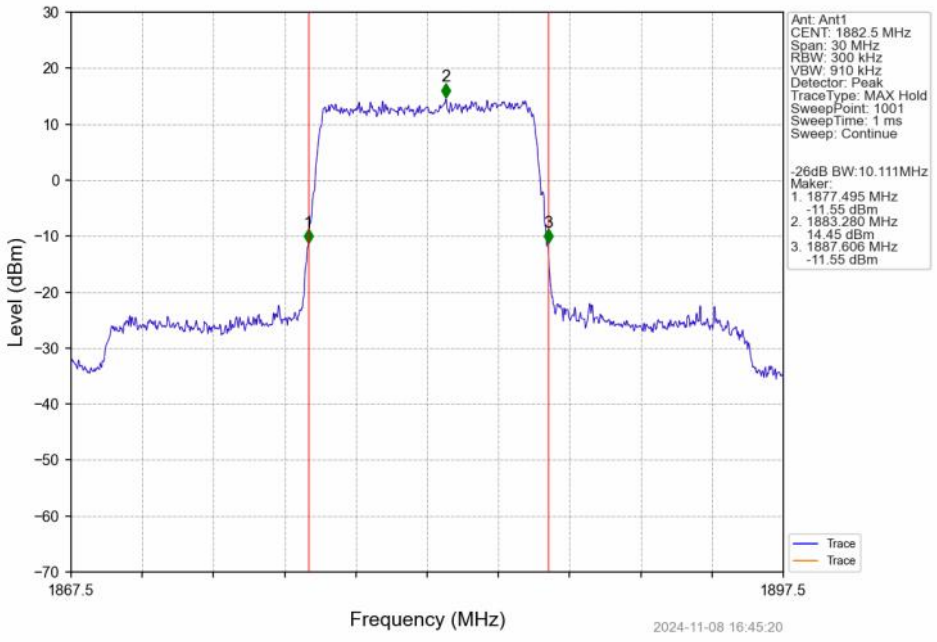
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



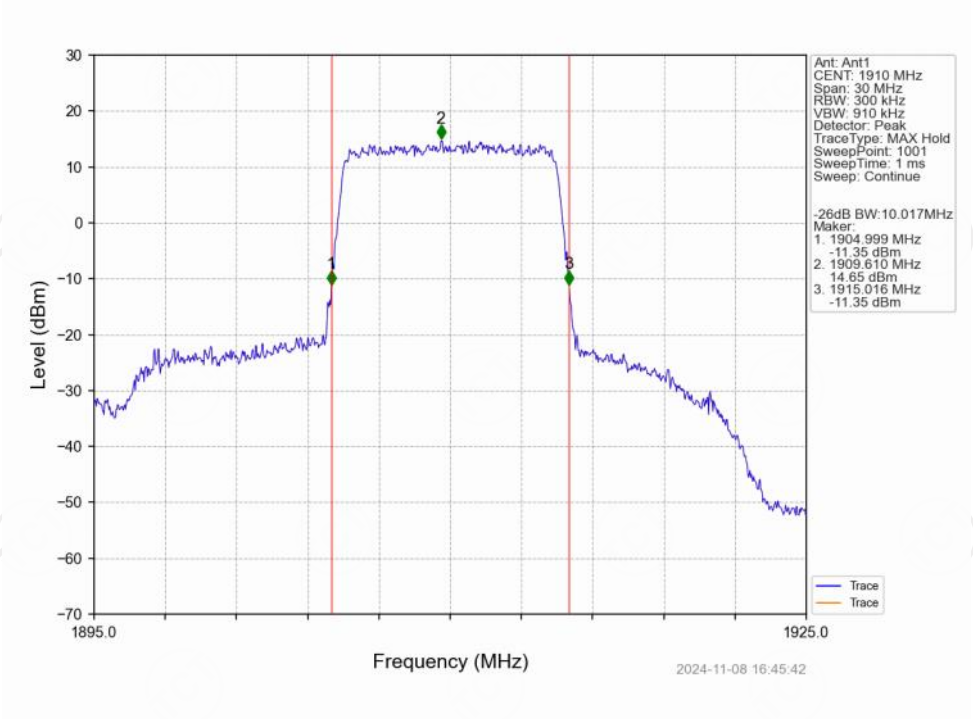
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



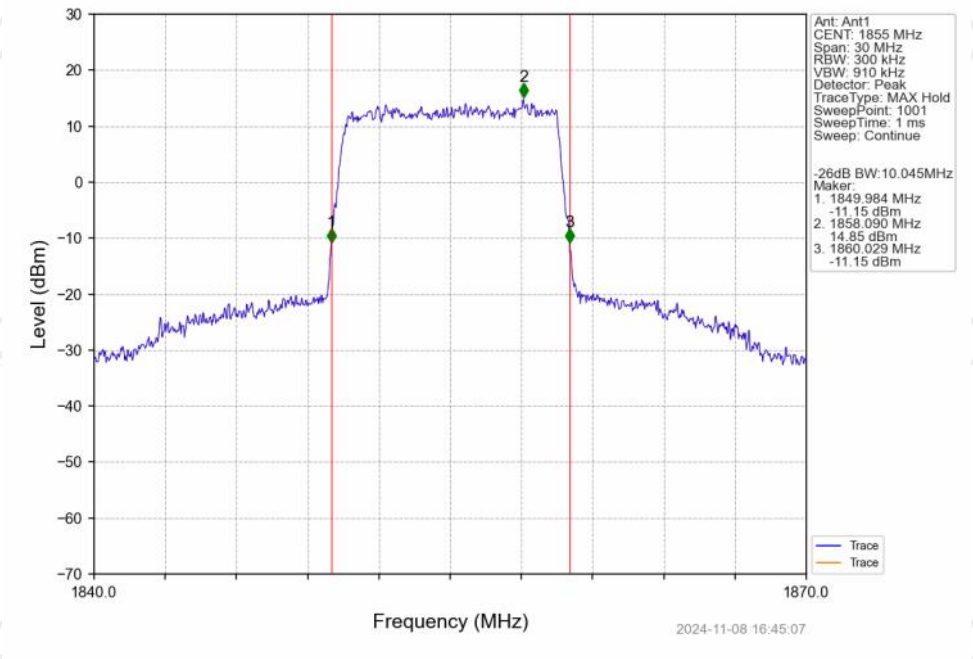
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



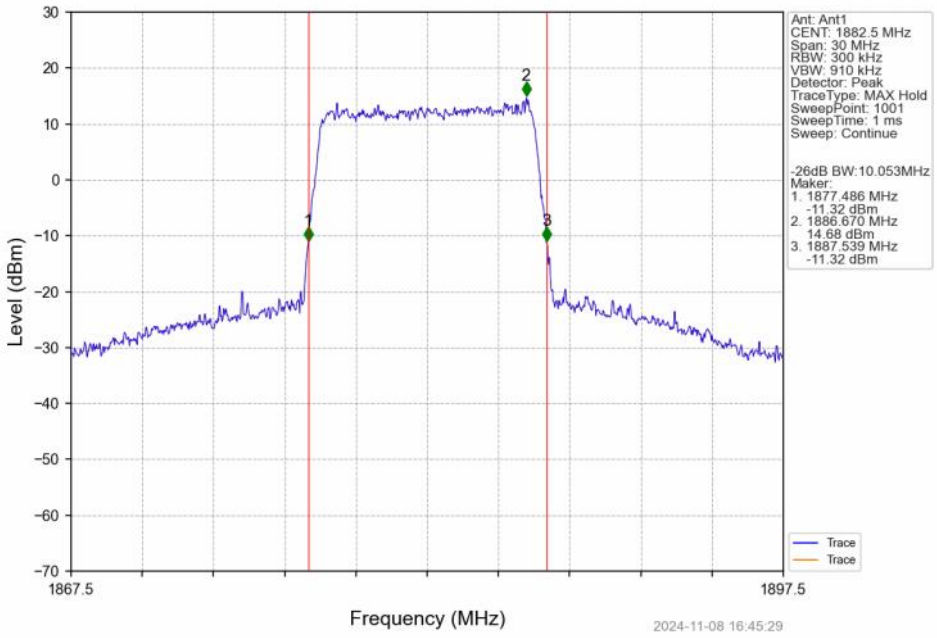
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



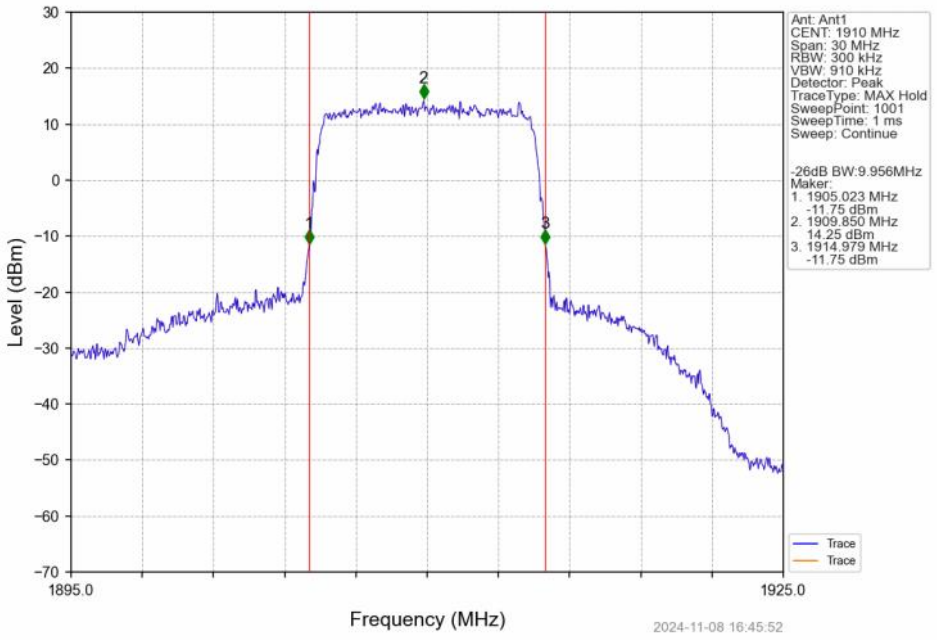
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



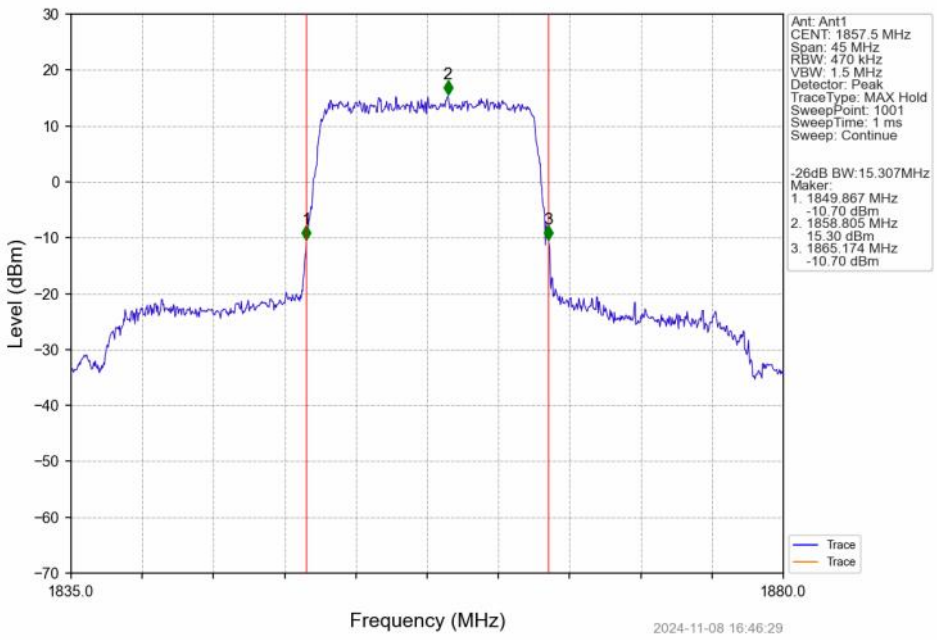
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



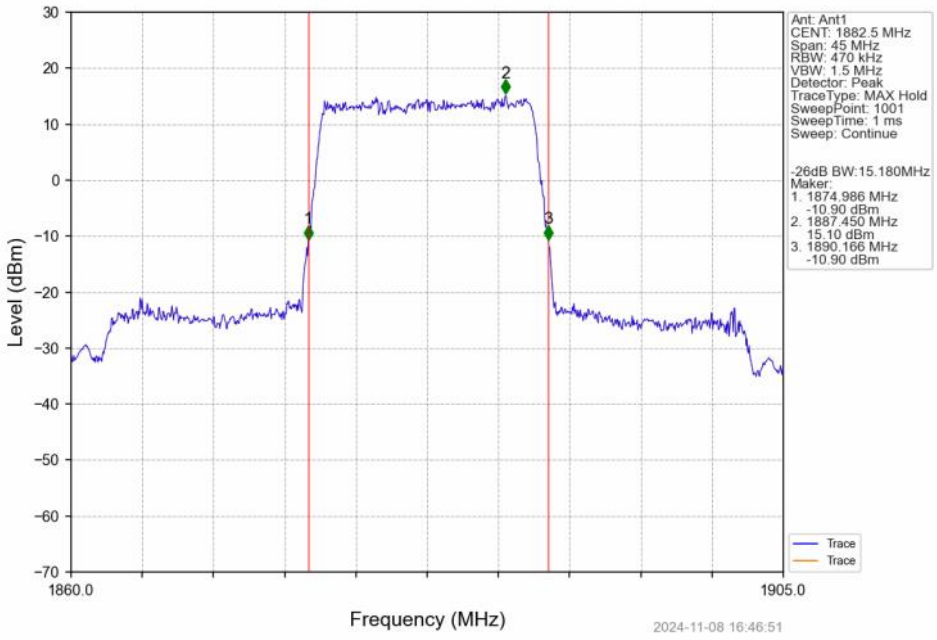
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



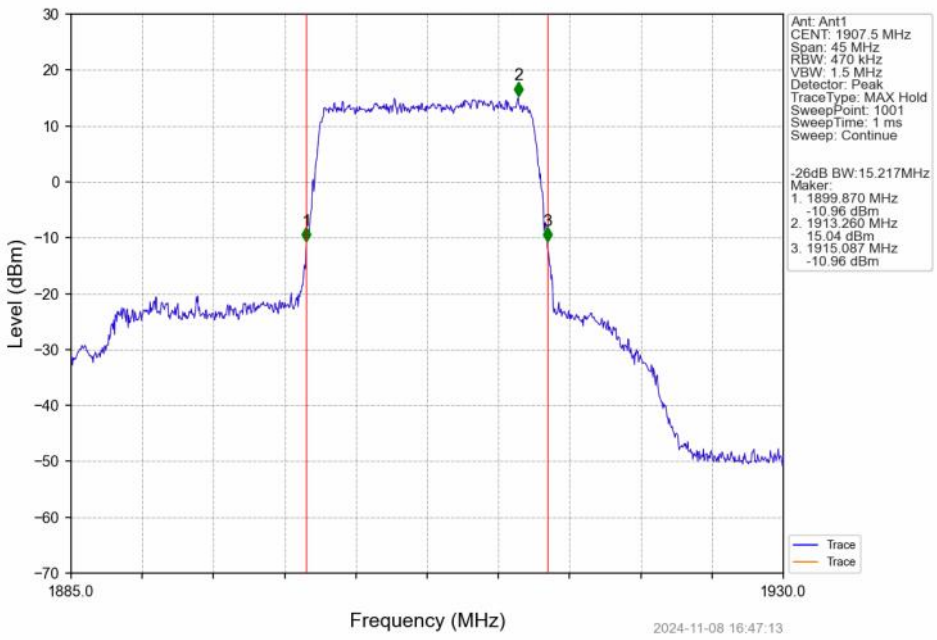
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



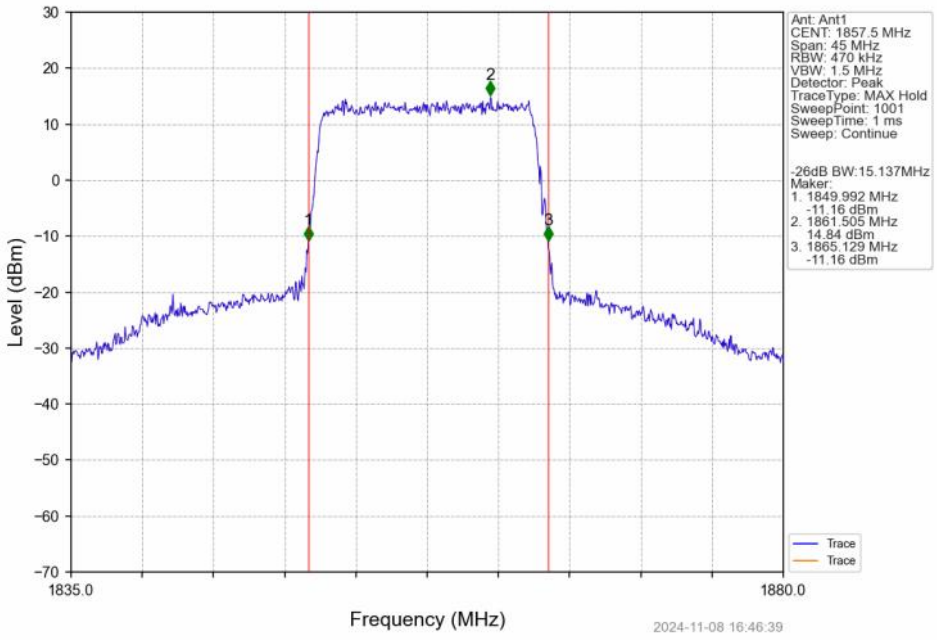
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



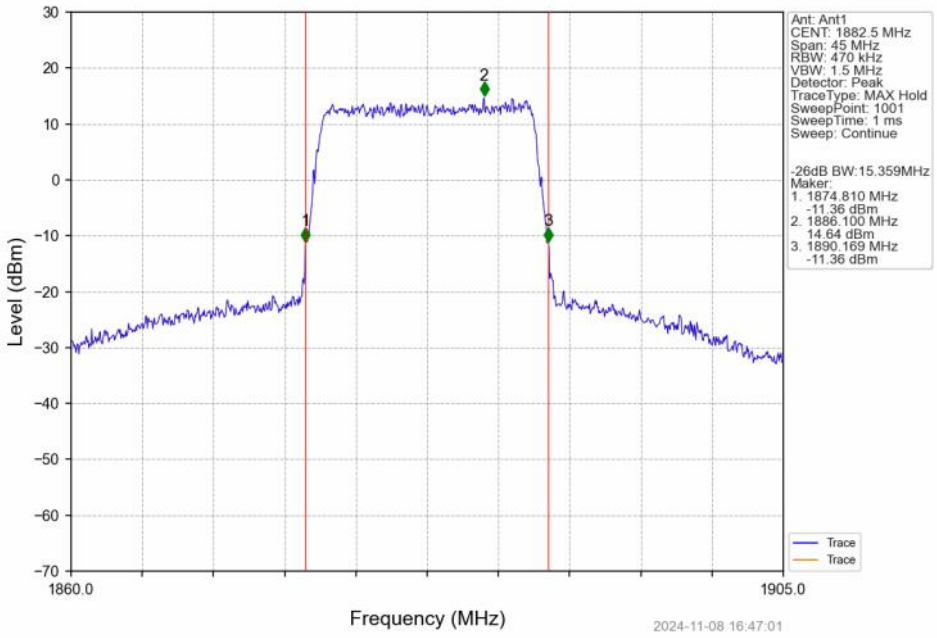
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



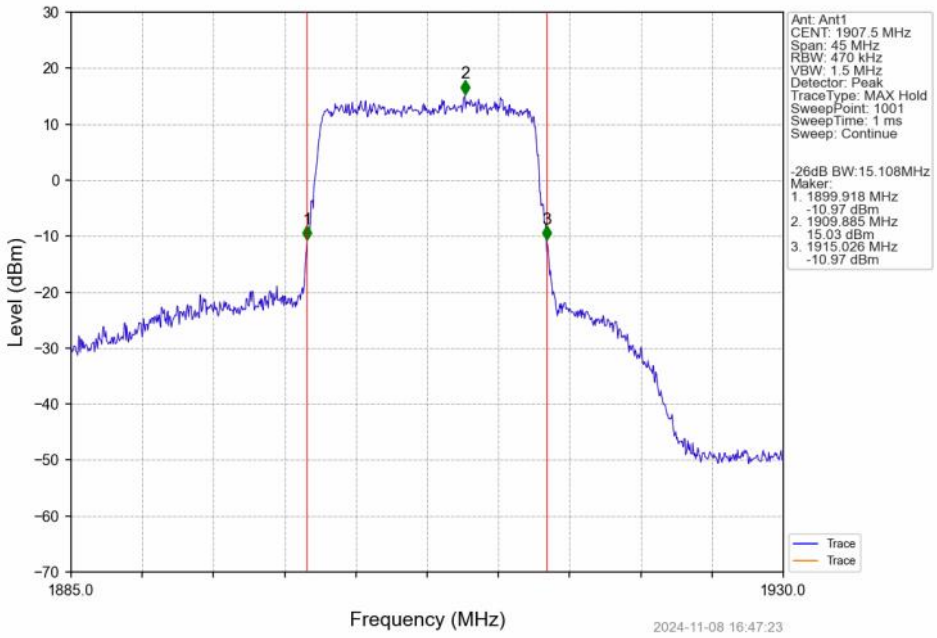
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



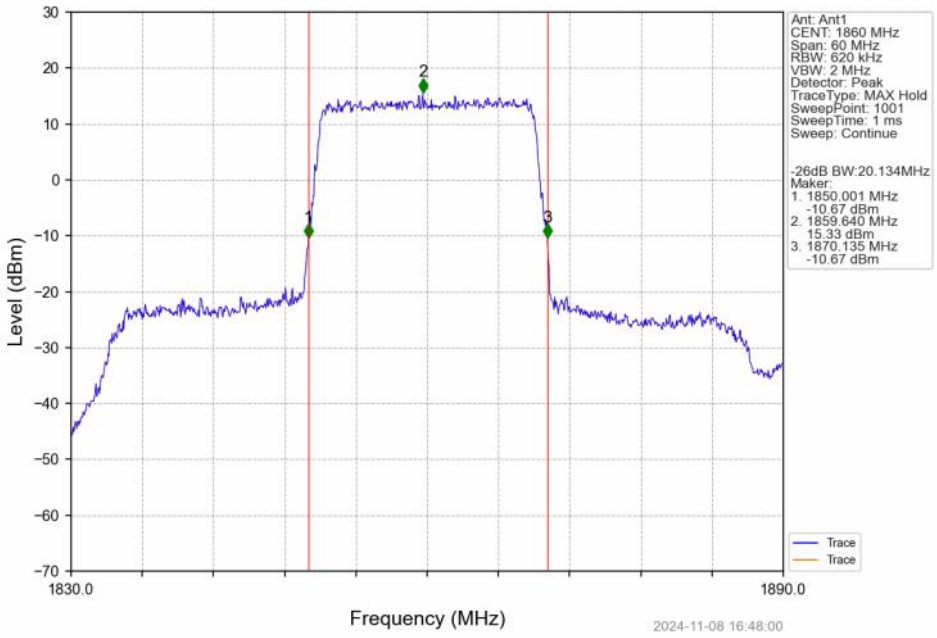
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



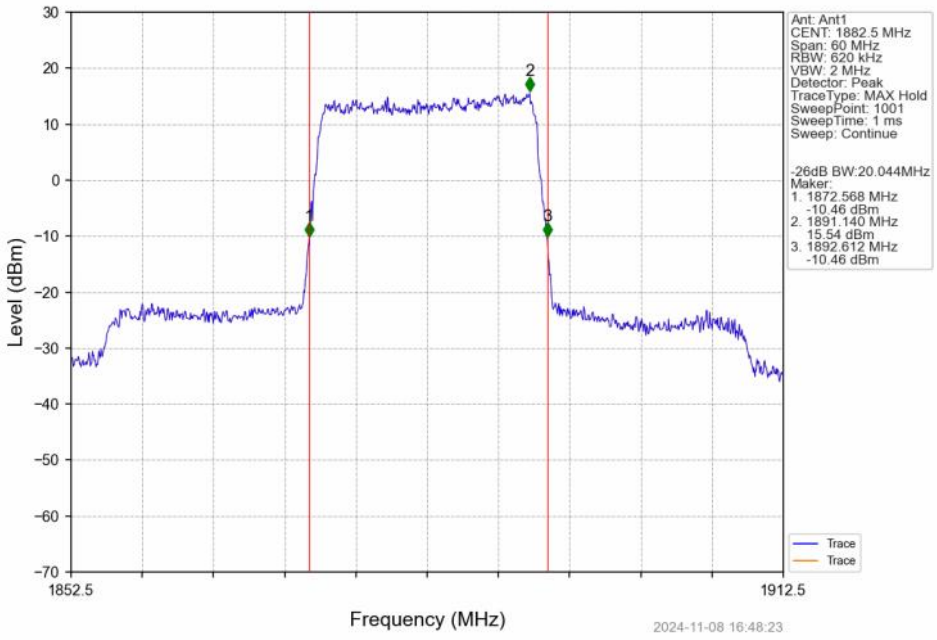
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



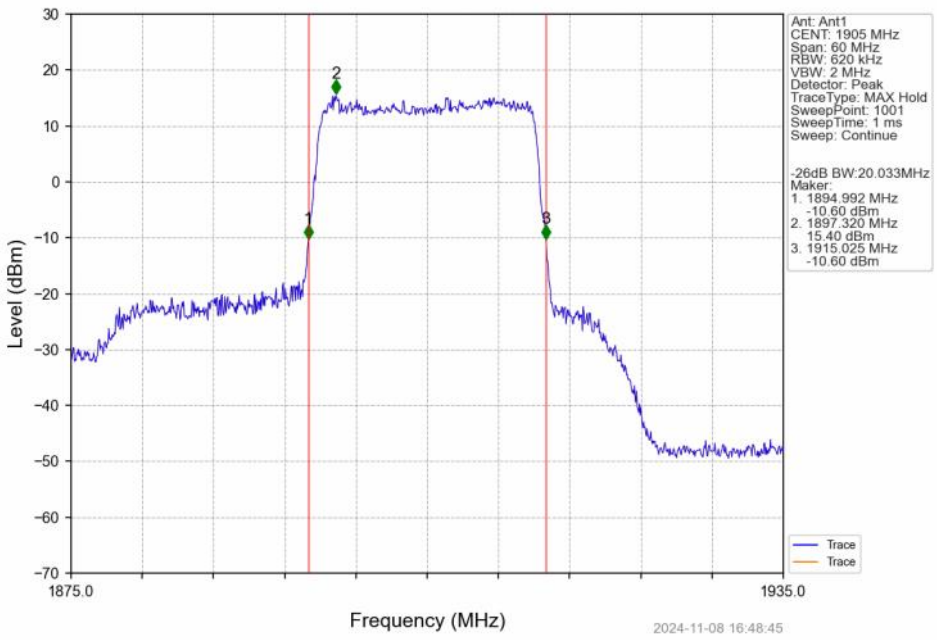
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



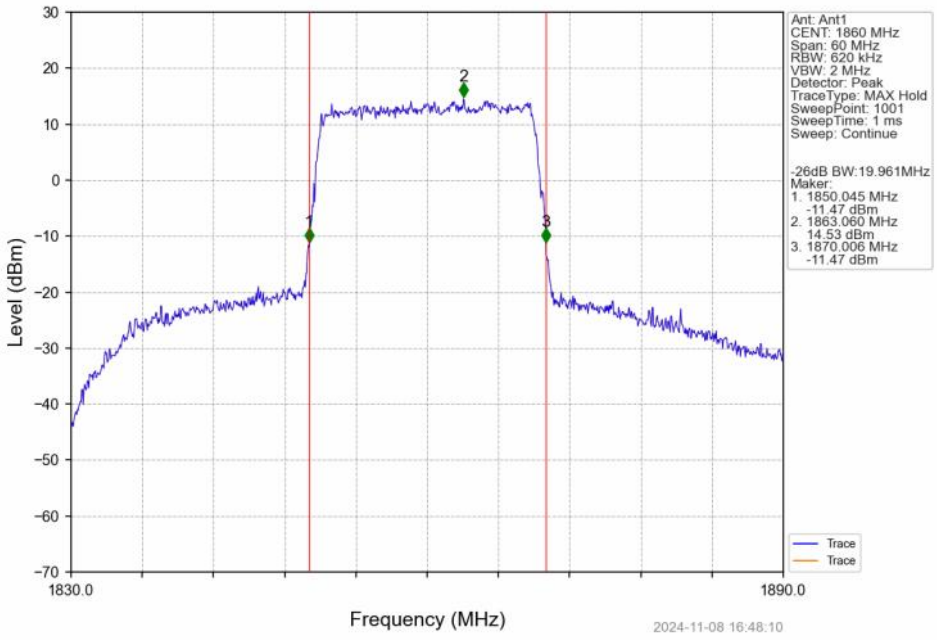
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



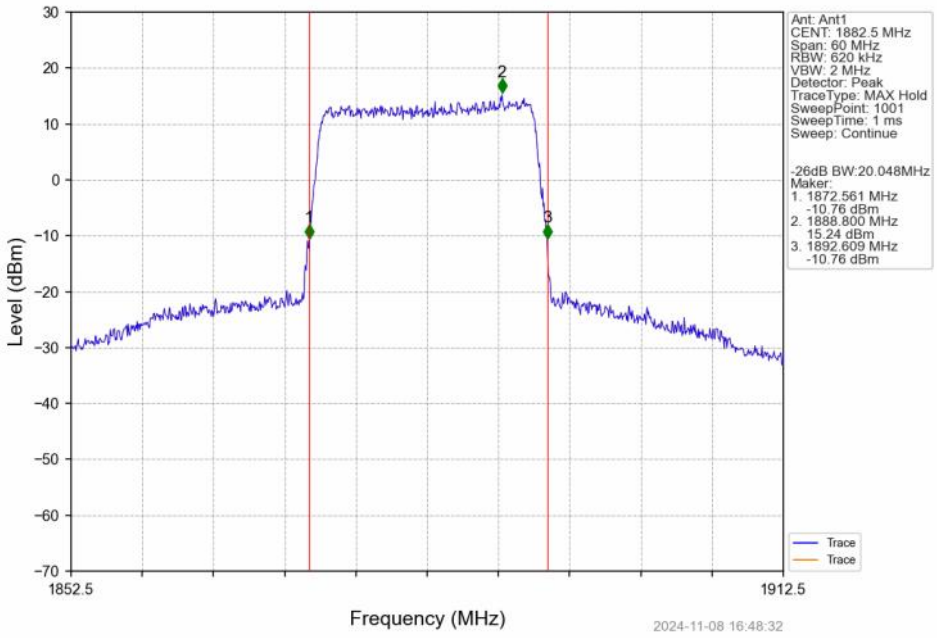
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



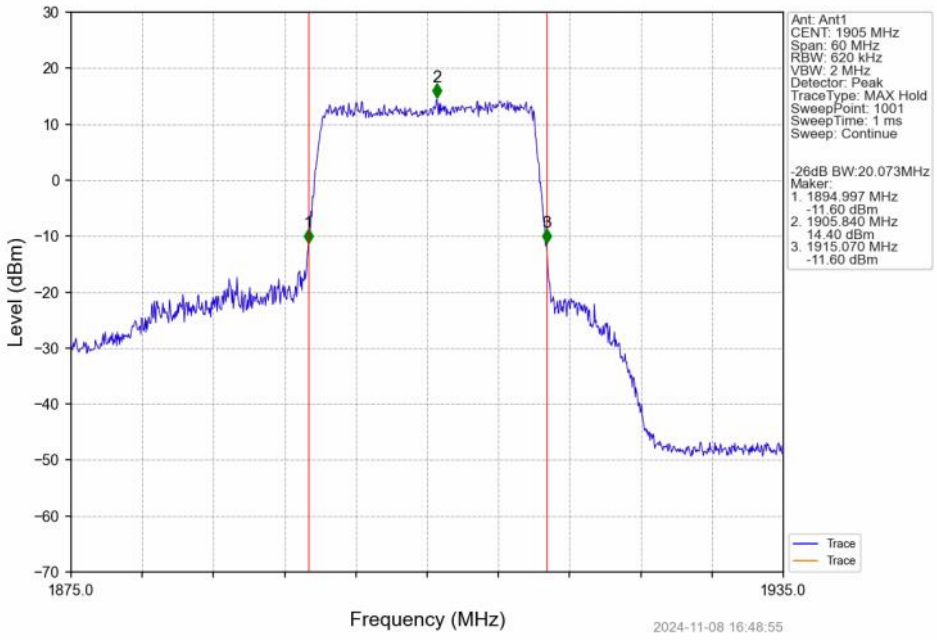
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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	5.14	<=13	Pass
	1882.5	6	0	5.41	<=13	Pass
	1914.3	6	0	4.95	<=13	Pass
16QAM	1850.7	6	0	5.79	<=13	Pass
	1882.5	6	0	6.08	<=13	Pass
	1914.3	6	0	5.74	<=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	5.03	<=13	Pass
	1882.5	15	0	5.31	<=13	Pass
	1913.5	15	0	5.00	<=13	Pass
16QAM	1851.5	15	0	5.77	<=13	Pass
	1882.5	15	0	6.10	<=13	Pass
	1913.5	15	0	5.76	<=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	5.21	<=13	Pass
	1882.5	25	0	5.50	<=13	Pass
	1912.5	25	0	5.15	<=13	Pass
16QAM	1852.5	25	0	5.89	<=13	Pass
	1882.5	25	0	6.12	<=13	Pass
	1912.5	25	0	5.75	<=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	5.26	<=13	Pass
	1882.5	50	0	5.52	<=13	Pass
	1910	50	0	5.20	<=13	Pass
16QAM	1855	50	0	5.93	<=13	Pass
	1882.5	50	0	6.24	<=13	Pass

	1910	50	0	5.85	<=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	5.40	<=13	Pass
	1882.5	75	0	5.71	<=13	Pass
	1907.5	75	0	5.53	<=13	Pass
16QAM	1857.5	75	0	5.87	<=13	Pass
	1882.5	75	0	6.17	<=13	Pass
	1907.5	75	0	5.98	<=13	Pass

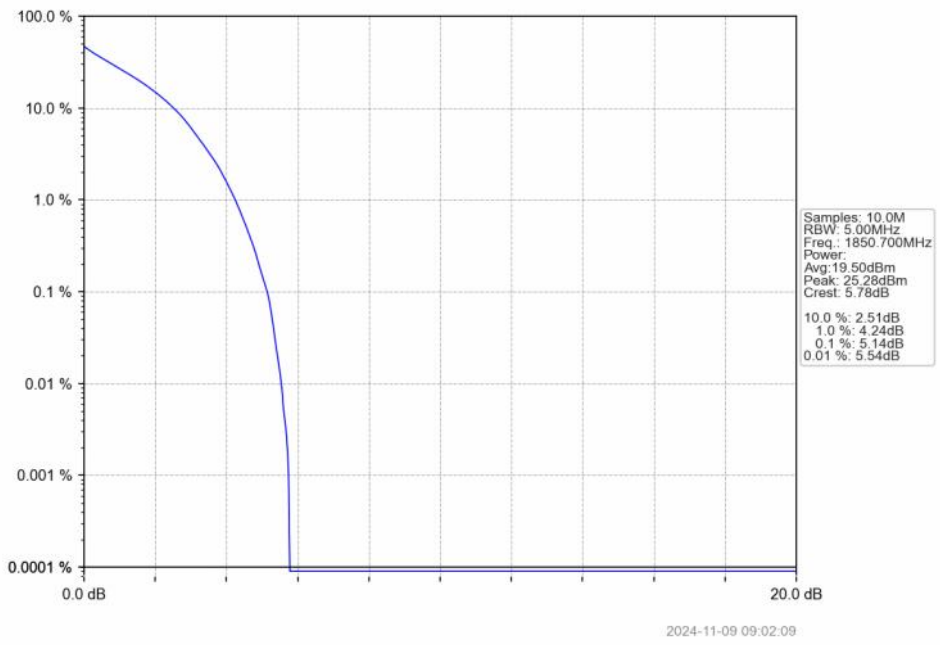
5.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.34	<=13	Pass
	1882.5	100	0	5.57	<=13	Pass
	1905	100	0	5.44	<=13	Pass
16QAM	1860	100	0	5.98	<=13	Pass
	1882.5	100	0	6.20	<=13	Pass
	1905	100	0	6.11	<=13	Pass

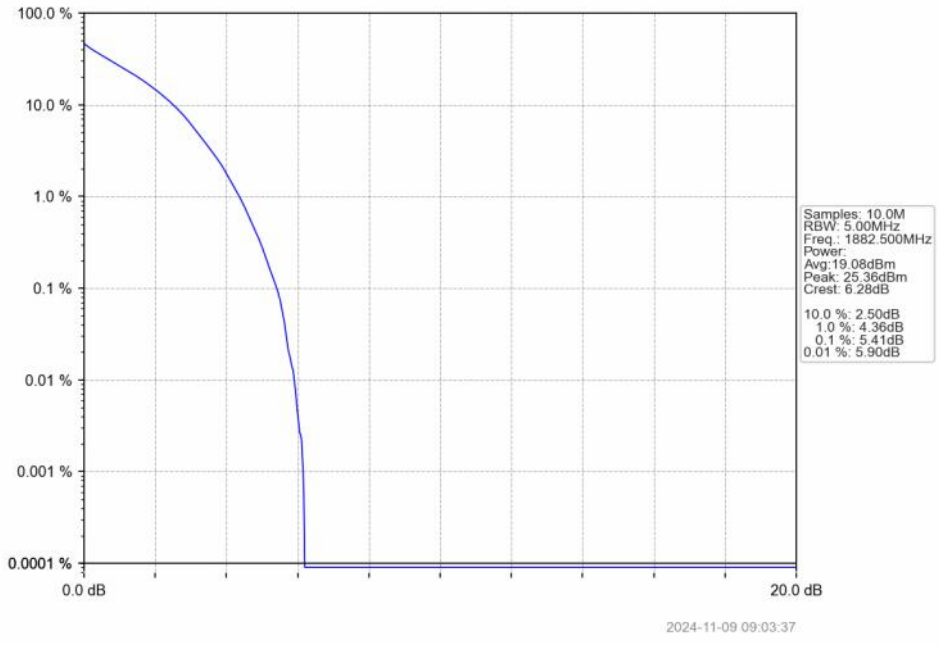
5.2 Test Graph

5.2.1 B25_1.4MHz

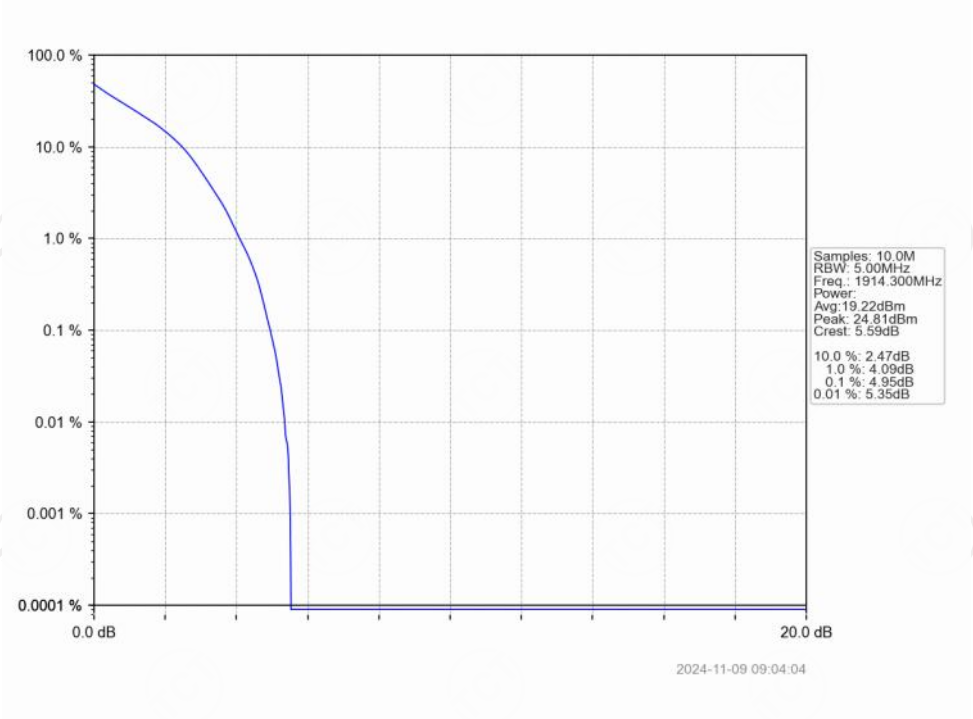
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



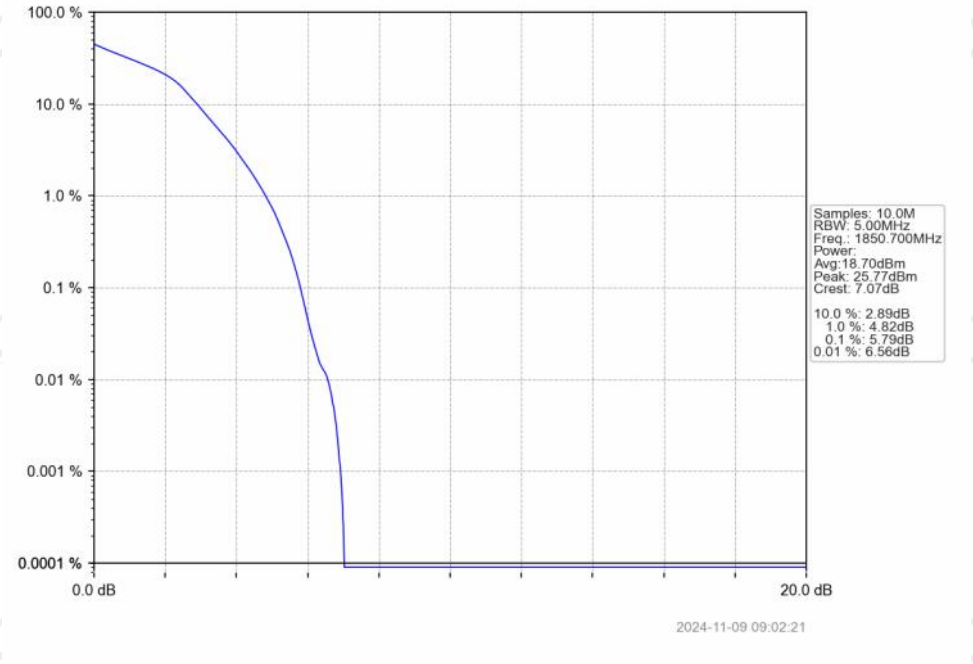
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



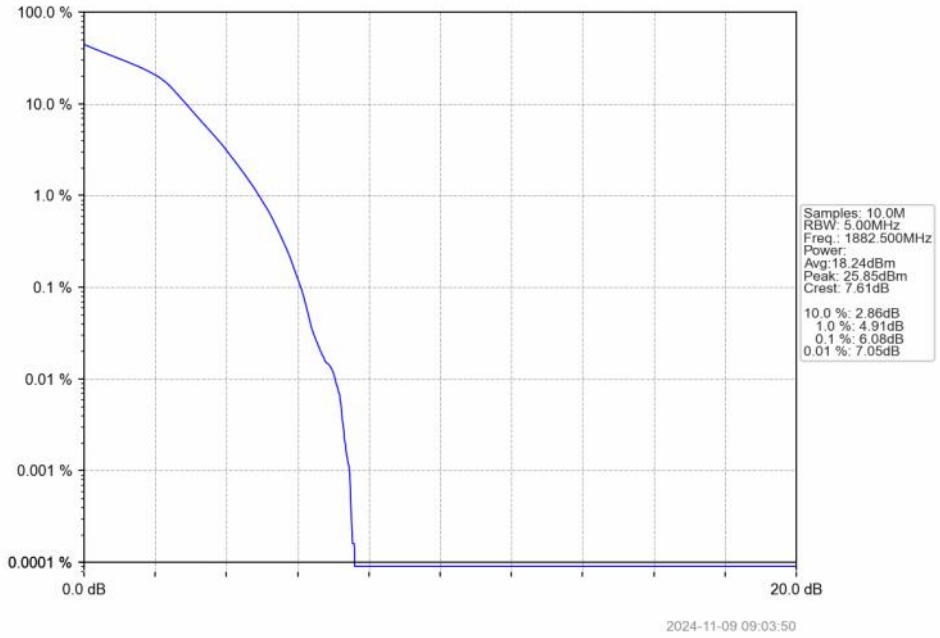
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



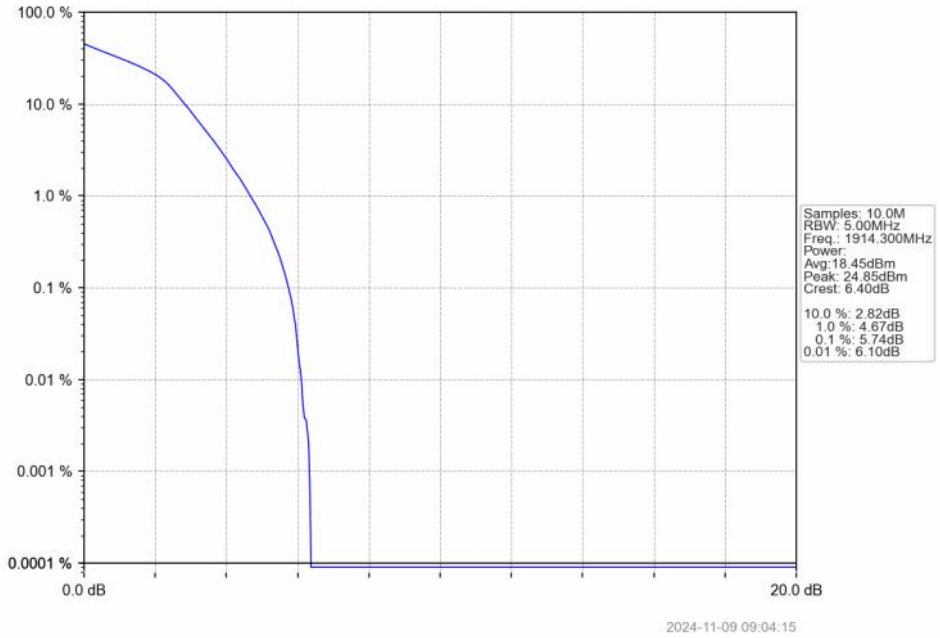
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV

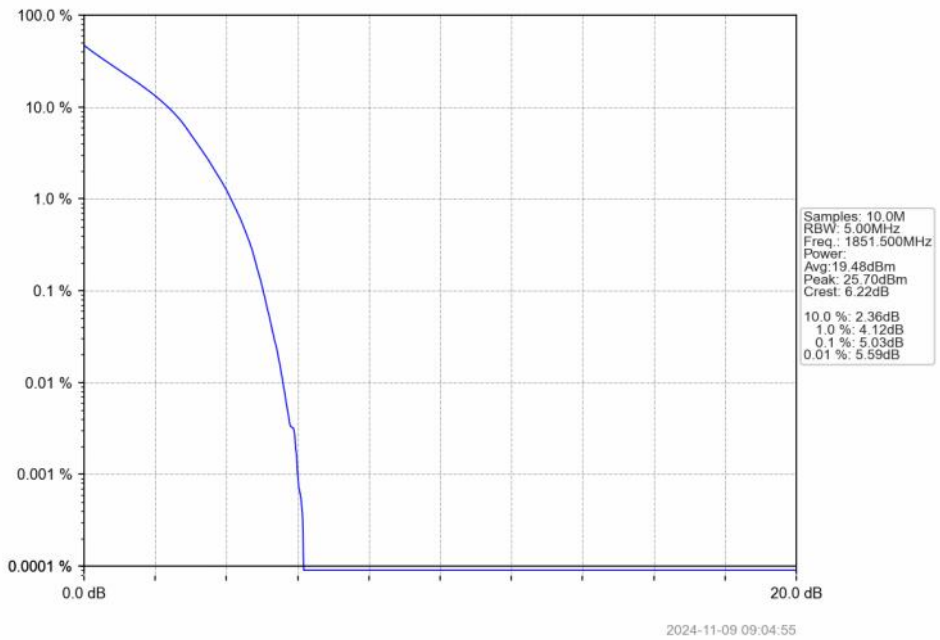


Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

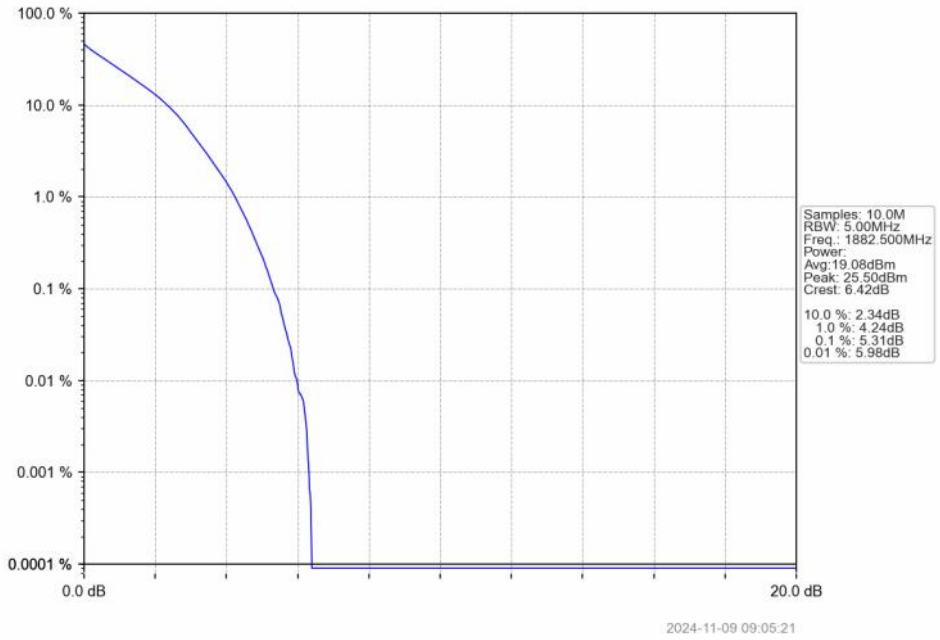


5.2.2 B25_3MHz

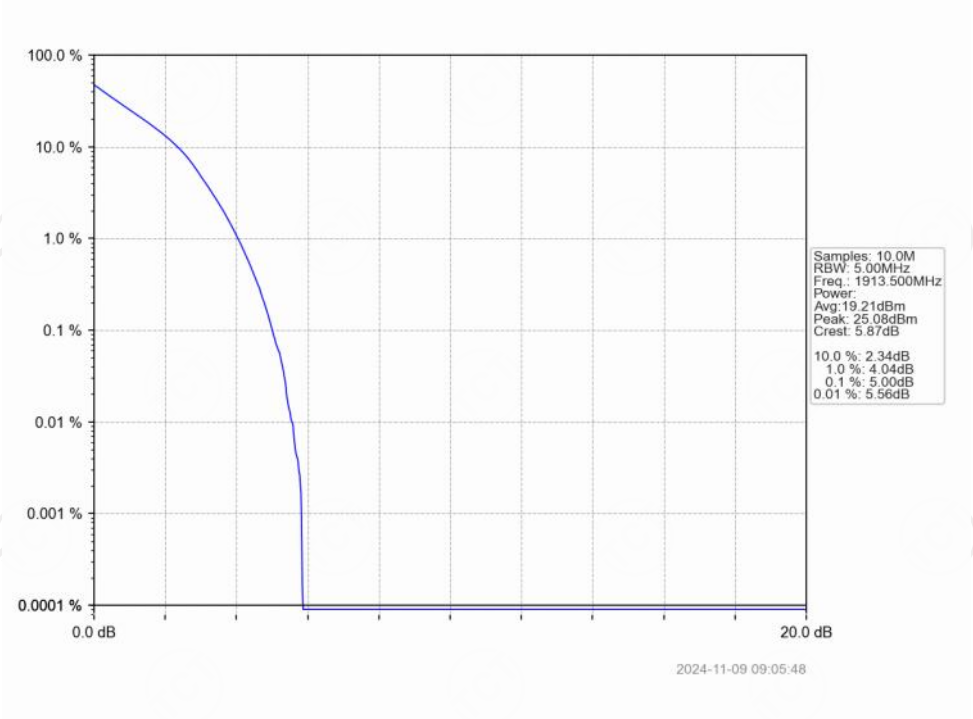
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



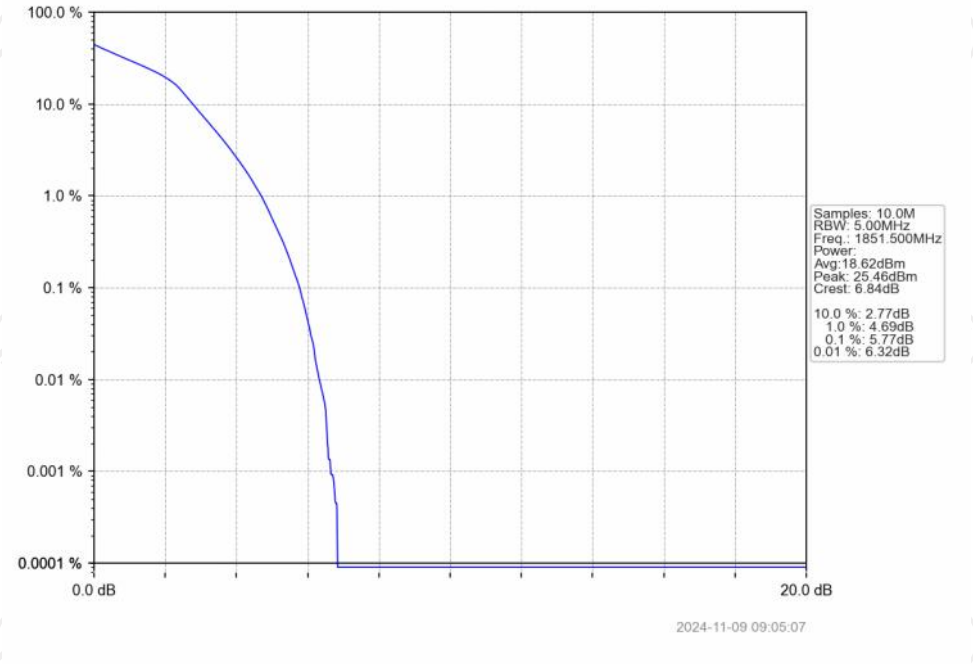
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



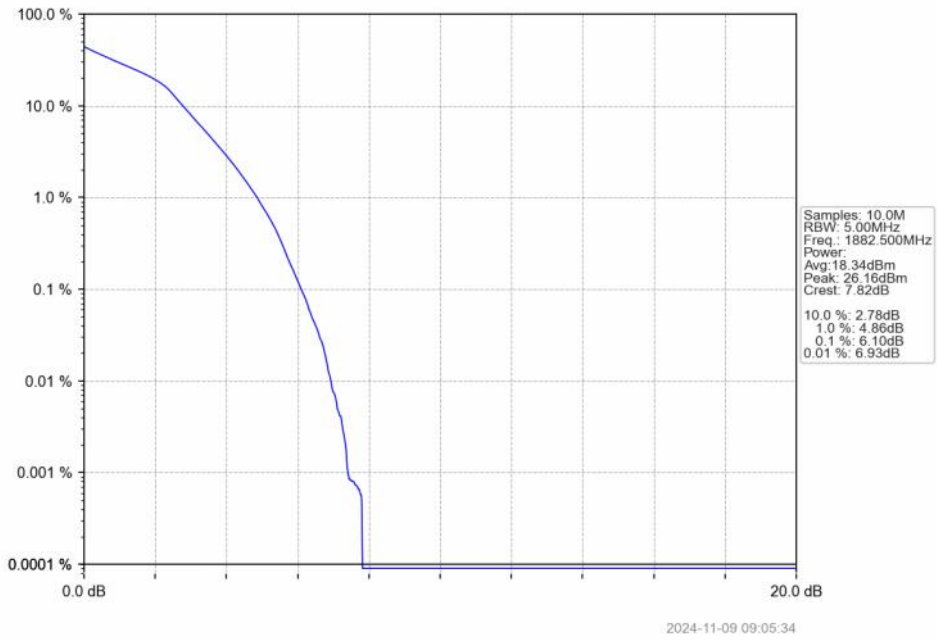
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



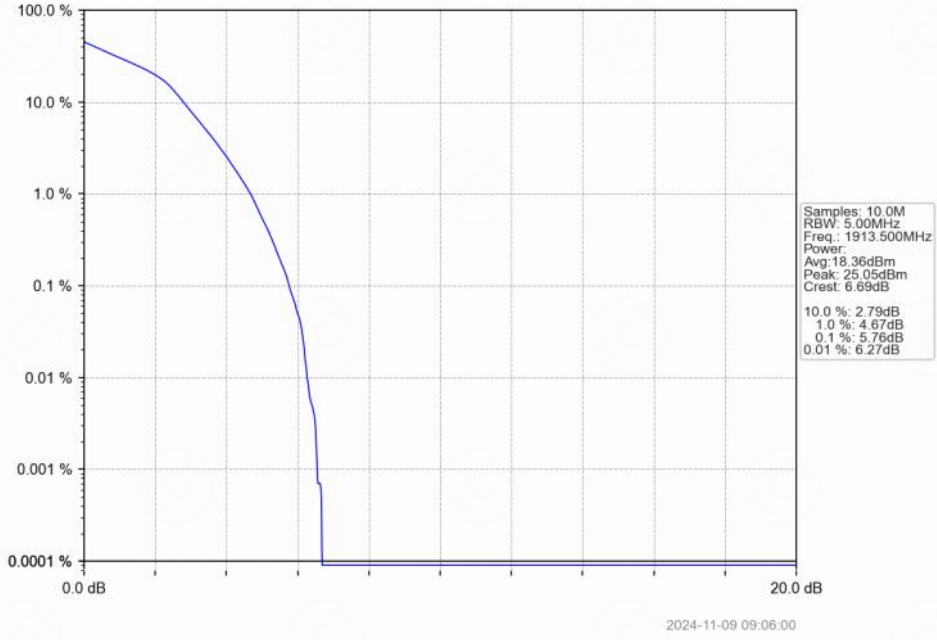
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV

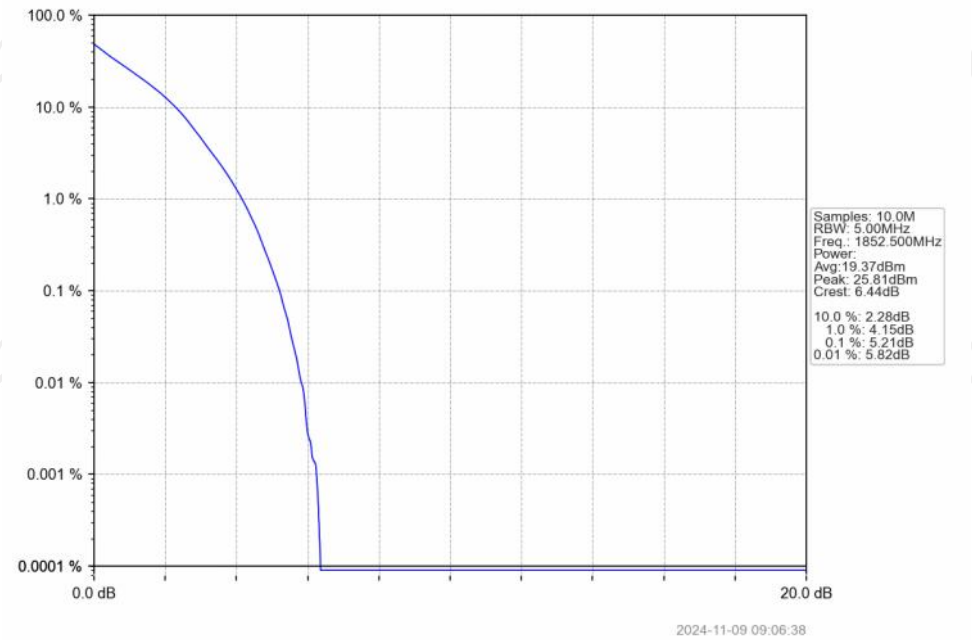


Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



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