1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

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	24.09	0.35	24.44	<=33.01	Pass
			2	24.05	0.35	24.40	<=33.01	Pass
			5	24.09	0.35	24.44	<=33.01	Pass
		3	0	24.24	0.35	24.59	<=33.01	Pass
			2	24.23	0.35	24.58	<=33.01	Pass
			3	24.23	0.35	24.58	<=33.01	Pass
		6	0	23.33	0.35	23.68	<=33.01	Pass
	1882.5	1	0	24.21	0.35	24.56	<=33.01	Pass
			2	24.17	0.35	24.52	<=33.01	Pass
			5	24.21	0.35	24.56	<=33.01	Pass
		3	0	24.30	0.35	24.65	<=33.01	Pass
			2	24.27	0.35	24.62	<=33.01	Pass
			3	24.25	0.35	24.60	<=33.01	Pass
		6	0	23.33	0.35	23.68	<=33.01	Pass
	1914.3	1	0	24.08	0.35	24.43	<=33.01	Pass
			2	24.09	0.35	24.44	<=33.01	Pass
			5	24.07	0.35	24.42	<=33.01	Pass
		3	0	24.23	0.35	24.58	<=33.01	Pass
			2	24.27	0.35	24.62	<=33.01	Pass
			3	24.25	0.35	24.60	<=33.01	Pass
		6	0	23.15	0.35	23.50	<=33.01	Pass
16QAM	1850.7	1	0	23.39	0.35	23.74	<=33.01	Pass
			2	23.38	0.35	23.73	<=33.01	Pass
			5	23.39	0.35	23.74	<=33.01	Pass
		3	0	23.52	0.35	23.87	<=33.01	Pass
			2	23.55	0.35	23.90	<=33.01	Pass
			3	23.56	0.35	23.91	<=33.01	Pass
		6	0	22.34	0.35	22.69	<=33.01	Pass
	1882.5	1	0	23.50	0.35	23.85	<=33.01	Pass
			2	23.49	0.35	23.84	<=33.01	Pass
			5	23.49	0.35	23.84	<=33.01	Pass
		3	0	23.25	0.35	23.60	<=33.01	Pass
			2	23.22	0.35	23.57	<=33.01	Pass
			3	23.21	0.35	23.56	<=33.01	Pass
		6	0	22.49	0.35	22.84	<=33.01	Pass
	1914.3	1	0	23.21	0.35	23.56	<=33.01	Pass
			2	23.17	0.35	23.52	<=33.01	Pass
			5	23.22	0.35	23.57	<=33.01	Pass
		3	0	23.18	0.35	23.53	<=33.01	Pass
			2	23.16	0.35	23.51	<=33.01	Pass
			3	23.18	0.35	23.53	<=33.01	Pass
		6	0	22.24	0.35	22.59	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	24.34	0.35	24.69	<=33.01	Pass
			7	24.26	0.35	24.61	<=33.01	Pass
			14	24.32	0.35	24.67	<=33.01	Pass
		8	0	23.34	0.35	23.69	<=33.01	Pass
			4	23.33	0.35	23.68	<=33.01	Pass
			7	23.33	0.35	23.68	<=33.01	Pass
		15	0	23.38	0.35	23.73	<=33.01	Pass
	1882.5	1	0	24.26	0.35	24.61	<=33.01	Pass
			7	24.22	0.35	24.57	<=33.01	Pass
			14	24.27	0.35	24.62	<=33.01	Pass
		8	0	23.35	0.35	23.70	<=33.01	Pass
			4	23.30	0.35	23.65	<=33.01	Pass
			7	23.29	0.35	23.64	<=33.01	Pass
		15	0	23.31	0.35	23.66	<=33.01	Pass
	1913.5	1	0	24.15	0.35	24.50	<=33.01	Pass
			7	24.13	0.35	24.48	<=33.01	Pass
			14	24.18	0.35	24.53	<=33.01	Pass
		8	0	23.32	0.35	23.67	<=33.01	Pass
			4	23.15	0.35	23.50	<=33.01	Pass
			7	23.13	0.35	23.48	<=33.01	Pass
		15	0	23.36	0.35	23.71	<=33.01	Pass
16QAM	1851.5	1	0	23.84	0.35	24.19	<=33.01	Pass
			7	23.81	0.35	24.16	<=33.01	Pass
			14	23.82	0.35	24.17	<=33.01	Pass
		8	0	22.60	0.35	22.95	<=33.01	Pass
			4	22.55	0.35	22.90	<=33.01	Pass
			7	22.55	0.35	22.90	<=33.01	Pass
		15	0	22.45	0.35	22.80	<=33.01	Pass
	1882.5	1	0	23.55	0.35	23.90	<=33.01	Pass
			7	23.48	0.35	23.83	<=33.01	Pass
			14	23.54	0.35	23.89	<=33.01	Pass
		8	0	22.45	0.35	22.80	<=33.01	Pass
			4	22.42	0.35	22.77	<=33.01	Pass
			7	22.42	0.35	22.77	<=33.01	Pass
		15	0	22.42	0.35	22.77	<=33.01	Pass
	1913.5	1	0	23.42	0.35	23.77	<=33.01	Pass
			7	23.28	0.35	23.63	<=33.01	Pass
			14	23.31	0.35	23.66	<=33.01	Pass
		8	0	22.44	0.35	22.79	<=33.01	Pass
			4	22.42	0.35	22.77	<=33.01	Pass
			7	22.40	0.35	22.75	<=33.01	Pass
		15	0	22.41	0.35	22.76	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B25_5MHz_EIRP

1.3.1 Test Result

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	24.69	0.35	25.04	<=33.01	Pass
			13	24.44	0.35	24.79	<=33.01	Pass
			24	24.72	0.35	25.07	<=33.01	Pass
		12	0	23.38	0.35	23.73	<=33.01	Pass
			6	23.35	0.35	23.70	<=33.01	Pass
			13	23.40	0.35	23.75	<=33.01	Pass
		25	0	23.41	0.35	23.76	<=33.01	Pass
	1882.5	1	0	24.46	0.35	24.81	<=33.01	Pass
			13	24.26	0.35	24.61	<=33.01	Pass
			24	24.54	0.35	24.89	<=33.01	Pass
		12	0	23.40	0.35	23.75	<=33.01	Pass
			6	23.31	0.35	23.66	<=33.01	Pass
			13	23.34	0.35	23.69	<=33.01	Pass
		25	0	23.36	0.35	23.71	<=33.01	Pass
	1912.5	1	0	24.47	0.35	24.82	<=33.01	Pass
			13	24.21	0.35	24.56	<=33.01	Pass
			24	24.46	0.35	24.81	<=33.01	Pass
		12	0	23.37	0.35	23.72	<=33.01	Pass
			6	23.33	0.35	23.68	<=33.01	Pass
			13	23.13	0.35	23.48	<=33.01	Pass
		25	0	23.28	0.35	23.63	<=33.01	Pass
16QAM	1852.5	1	0	23.32	0.35	23.67	<=33.01	Pass
			13	23.30	0.35	23.65	<=33.01	Pass
			24	23.38	0.35	23.73	<=33.01	Pass
		12	0	22.42	0.35	22.77	<=33.01	Pass
			6	22.40	0.35	22.75	<=33.01	Pass
			13	22.43	0.35	22.78	<=33.01	Pass
		25	0	22.46	0.35	22.81	<=33.01	Pass
	1882.5	1	0	23.86	0.35	24.21	<=33.01	Pass
			13	23.51	0.35	23.86	<=33.01	Pass
			24	23.83	0.35	24.18	<=33.01	Pass
		12	0	22.54	0.35	22.89	<=33.01	Pass
			6	22.49	0.35	22.84	<=33.01	Pass
			13	22.49	0.35	22.84	<=33.01	Pass
		25	0	22.50	0.35	22.85	<=33.01	Pass
	1912.5	1	0	23.52	0.35	23.87	<=33.01	Pass
			13	23.27	0.35	23.62	<=33.01	Pass
			24	23.52	0.35	23.87	<=33.01	Pass
		12	0	22.39	0.35	22.74	<=33.01	Pass
			6	22.37	0.35	22.72	<=33.01	Pass
			13	22.29	0.35	22.64	<=33.01	Pass
		25	0	22.35	0.35	22.70	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	24.43	0.35	24.78	<=33.01	Pass
			25	24.31	0.35	24.66	<=33.01	Pass

			49	24.50	0.35	24.85	<=33.01	Pass
		25	0	23.38	0.35	23.73	<=33.01	Pass
			13	23.43	0.35	23.78	<=33.01	Pass
			25	23.45	0.35	23.80	<=33.01	Pass
		50	0	23.47	0.35	23.82	<=33.01	Pass
	1882.5	1	0	24.44	0.35	24.79	<=33.01	Pass
			25	24.27	0.35	24.62	<=33.01	Pass
			49	24.42	0.35	24.77	<=33.01	Pass
		25	0	23.35	0.35	23.70	<=33.01	Pass
			13	23.33	0.35	23.68	<=33.01	Pass
			25	23.36	0.35	23.71	<=33.01	Pass
		50	0	23.40	0.35	23.75	<=33.01	Pass
	1910	1	0	24.35	0.35	24.70	<=33.01	Pass
			25	24.22	0.35	24.57	<=33.01	Pass
			49	24.21	0.35	24.56	<=33.01	Pass
		25	0	23.37	0.35	23.72	<=33.01	Pass
			13	23.40	0.35	23.75	<=33.01	Pass
			25	23.36	0.35	23.71	<=33.01	Pass
		50	0	23.37	0.35	23.72	<=33.01	Pass
16QAM	1855	1	0	23.86	0.35	24.21	<=33.01	Pass
			25	23.85	0.35	24.20	<=33.01	Pass
			49	23.83	0.35	24.18	<=33.01	Pass
		25	0	22.46	0.35	22.81	<=33.01	Pass
			13	22.49	0.35	22.84	<=33.01	Pass
			25	22.53	0.35	22.88	<=33.01	Pass
		50	0	22.47	0.35	22.82	<=33.01	Pass
	1882.5	1	0	23.64	0.35	23.99	<=33.01	Pass
			25	23.49	0.35	23.84	<=33.01	Pass
			49	23.78	0.35	24.13	<=33.01	Pass
		25	0	22.54	0.35	22.89	<=33.01	Pass
			13	22.53	0.35	22.88	<=33.01	Pass
			25	22.55	0.35	22.90	<=33.01	Pass
		50	0	22.54	0.35	22.89	<=33.01	Pass
	1910	1	0	23.41	0.35	23.76	<=33.01	Pass
			25	23.26	0.35	23.61	<=33.01	Pass
			49	23.41	0.35	23.76	<=33.01	Pass
		25	0	22.48	0.35	22.83	<=33.01	Pass
			13	22.48	0.35	22.83	<=33.01	Pass
			25	22.44	0.35	22.79	<=33.01	Pass
		50	0	22.39	0.35	22.74	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.5 B25_15MHz_EIRP

1.5.1 Test Result

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	24.19	0.35	24.54	<=33.01	Pass
			38	24.32	0.35	24.67	<=33.01	Pass
			74	24.21	0.35	24.56	<=33.01	Pass
		36	0	23.30	0.35	23.65	<=33.01	Pass
			18	23.39	0.35	23.74	<=33.01	Pass
			39	23.39	0.35	23.74	<=33.01	Pass

		75	0	23.38	0.35	23.73	<=33.01	Pass
	1882.5	1	0	24.24	0.35	24.59	<=33.01	Pass
			38	24.29	0.35	24.64	<=33.01	Pass
			74	24.19	0.35	24.54	<=33.01	Pass
		36	0	23.32	0.35	23.67	<=33.01	Pass
			18	23.28	0.35	23.63	<=33.01	Pass
			39	23.30	0.35	23.65	<=33.01	Pass
		75	0	23.32	0.35	23.67	<=33.01	Pass
	1907.5	1	0	24.12	0.35	24.47	<=33.01	Pass
			38	24.16	0.35	24.51	<=33.01	Pass
			74	24.11	0.35	24.46	<=33.01	Pass
		36	0	23.40	0.35	23.75	<=33.01	Pass
			18	23.35	0.35	23.70	<=33.01	Pass
			39	23.31	0.35	23.66	<=33.01	Pass
		75	0	23.35	0.35	23.70	<=33.01	Pass
16QAM	1857.5	1	0	23.80	0.35	24.15	<=33.01	Pass
			38	23.87	0.35	24.22	<=33.01	Pass
			74	23.76	0.35	24.11	<=33.01	Pass
		36	0	22.37	0.35	22.72	<=33.01	Pass
			18	22.41	0.35	22.76	<=33.01	Pass
			39	22.42	0.35	22.77	<=33.01	Pass
		75	0	22.41	0.35	22.76	<=33.01	Pass
	1882.5	1	0	23.47	0.35	23.82	<=33.01	Pass
			38	23.50	0.35	23.85	<=33.01	Pass
			74	23.46	0.35	23.81	<=33.01	Pass
		36	0	22.53	0.35	22.88	<=33.01	Pass
			18	22.46	0.35	22.81	<=33.01	Pass
			39	22.47	0.35	22.82	<=33.01	Pass
		75	0	22.48	0.35	22.83	<=33.01	Pass
	1907.5	1	0	23.54	0.35	23.89	<=33.01	Pass
			38	23.67	0.35	24.02	<=33.01	Pass
			74	23.39	0.35	23.74	<=33.01	Pass
		36	0	22.41	0.35	22.76	<=33.01	Pass
			18	22.37	0.35	22.72	<=33.01	Pass
			39	22.35	0.35	22.70	<=33.01	Pass
		75	0	22.38	0.35	22.73	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.6 B25_20MHz_EIRP

1.6.1 Test Result

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	24.14	0.35	24.49	<=33.01	Pass
			50	24.16	0.35	24.51	<=33.01	Pass
			99	24.10	0.35	24.45	<=33.01	Pass
		50	0	23.38	0.35	23.73	<=33.01	Pass
			25	23.43	0.35	23.78	<=33.01	Pass
			50	23.43	0.35	23.78	<=33.01	Pass
		100	0	23.37	0.35	23.72	<=33.01	Pass
	1882.5	1	0	24.13	0.35	24.48	<=33.01	Pass
			50	24.29	0.35	24.64	<=33.01	Pass
			99	24.18	0.35	24.53	<=33.01	Pass

		50	0	23.40	0.35	23.75	<=33.01	Pass
			25	23.39	0.35	23.74	<=33.01	Pass
			50	23.42	0.35	23.77	<=33.01	Pass
		100	0	23.37	0.35	23.72	<=33.01	Pass
	1905	1	0	24.19	0.35	24.54	<=33.01	Pass
			50	24.20	0.35	24.55	<=33.01	Pass
			99	24.14	0.35	24.49	<=33.01	Pass
		50	0	23.44	0.35	23.79	<=33.01	Pass
			25	23.44	0.35	23.79	<=33.01	Pass
			50	23.44	0.35	23.79	<=33.01	Pass
		100	0	23.49	0.35	23.84	<=33.01	Pass
16QAM	1860	1	0	23.54	0.35	23.89	<=33.01	Pass
			50	23.57	0.35	23.92	<=33.01	Pass
			99	23.38	0.35	23.73	<=33.01	Pass
		50	0	22.33	0.35	22.68	<=33.01	Pass
			25	22.43	0.35	22.78	<=33.01	Pass
			50	22.41	0.35	22.76	<=33.01	Pass
		100	0	22.37	0.35	22.72	<=33.01	Pass
	1882.5	1	0	23.68	0.35	24.03	<=33.01	Pass
			50	23.51	0.35	23.86	<=33.01	Pass
			99	23.59	0.35	23.94	<=33.01	Pass
		50	0	22.54	0.35	22.89	<=33.01	Pass
			25	22.51	0.35	22.86	<=33.01	Pass
			50	22.53	0.35	22.88	<=33.01	Pass
		100	0	22.51	0.35	22.86	<=33.01	Pass
	1905	1	0	23.89	0.35	24.24	<=33.01	Pass
			50	23.97	0.35	24.32	<=33.01	Pass
			99	23.78	0.35	24.13	<=33.01	Pass
		50	0	22.58	0.35	22.93	<=33.01	Pass
			25	22.44	0.35	22.79	<=33.01	Pass
			50	22.43	0.35	22.78	<=33.01	Pass
		100	0	22.51	0.35	22.86	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-6.495	-0.0035	-2.5 to 2.5	Pass
					3.85	1.101	0.0006	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-20	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.903	0.0010	-2.5 to 2.5	Pass
				0	3.85	7.210	0.0039	-2.5 to 2.5	Pass
				10	3.85	7.668	0.0041	-2.5 to 2.5	Pass
				30	3.85	10.915	0.0059	-2.5 to 2.5	Pass
				40	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
				50	3.85	7.010	0.0038	-2.5 to 2.5	Pass

	1882.5	6	0	20	3.27	7.911	0.0042	-2.5 to 2.5	Pass
					3.85	3.991	0.0021	-2.5 to 2.5	Pass
					4.43	1.588	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.448	0.0018	-2.5 to 2.5	Pass
				0	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.004	0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				50	3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	6.838	0.0036	-2.5 to 2.5	Pass
					3.85	6.924	0.0036	-2.5 to 2.5	Pass
					4.43	3.290	0.0017	-2.5 to 2.5	Pass
				-30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				-20	3.85	4.478	0.0023	-2.5 to 2.5	Pass
				-10	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				0	3.85	8.769	0.0046	-2.5 to 2.5	Pass
				10	3.85	7.682	0.0040	-2.5 to 2.5	Pass
				30	3.85	7.710	0.0040	-2.5 to 2.5	Pass
				40	3.85	8.154	0.0043	-2.5 to 2.5	Pass
				50	3.85	7.582	0.0040	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	5.393	0.0029	-2.5 to 2.5	Pass
					4.43	1.402	0.0008	-2.5 to 2.5	Pass
				-30	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.208	0.0034	-2.5 to 2.5	Pass
				-10	3.85	4.420	0.0024	-2.5 to 2.5	Pass
				0	3.85	1.774	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				40	3.85	7.882	0.0043	-2.5 to 2.5	Pass
				50	3.85	4.020	0.0022	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	3.233	0.0017	-2.5 to 2.5	Pass
					3.85	4.706	0.0025	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				-10	3.85	2.689	0.0014	-2.5 to 2.5	Pass
				0	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				10	3.85	5.207	0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				40	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	9.227	0.0048	-2.5 to 2.5	Pass
					4.43	3.147	0.0016	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				-10	3.85	5.021	0.0026	-2.5 to 2.5	Pass
				0	3.85	5.522	0.0029	-2.5 to 2.5	Pass
				10	3.85	6.480	0.0034	-2.5 to 2.5	Pass
				30	3.85	2.661	0.0014	-2.5 to 2.5	Pass
				40	3.85	2.532	0.0013	-2.5 to 2.5	Pass
				50	3.85	2.847	0.0015	-2.5 to 2.5	Pass

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	6.852	0.0037	-2.5 to 2.5	Pass
					3.85	4.478	0.0024	-2.5 to 2.5	Pass
					4.43	6.967	0.0038	-2.5 to 2.5	Pass
				-30	3.85	6.795	0.0037	-2.5 to 2.5	Pass
				-20	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.85	8.626	0.0047	-2.5 to 2.5	Pass
				0	3.85	8.125	0.0044	-2.5 to 2.5	Pass
				10	3.85	10.457	0.0056	-2.5 to 2.5	Pass
				30	3.85	2.947	0.0016	-2.5 to 2.5	Pass
				40	3.85	6.752	0.0036	-2.5 to 2.5	Pass
				50	3.85	7.553	0.0041	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	9.227	0.0049	-2.5 to 2.5	Pass
					3.85	1.459	0.0008	-2.5 to 2.5	Pass
					4.43	5.965	0.0032	-2.5 to 2.5	Pass
				-30	3.85	4.907	0.0026	-2.5 to 2.5	Pass
				-20	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	4.792	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0018	-2.5 to 2.5	Pass
				10	3.85	7.610	0.0040	-2.5 to 2.5	Pass
				30	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
				50	3.85	2.618	0.0014	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	5.450	0.0028	-2.5 to 2.5	Pass
					3.85	3.805	0.0020	-2.5 to 2.5	Pass
					4.43	6.909	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	8.826	0.0046	-2.5 to 2.5	Pass
				-10	3.85	1.760	0.0009	-2.5 to 2.5	Pass
				0	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				10	3.85	6.924	0.0036	-2.5 to 2.5	Pass
				30	3.85	4.120	0.0022	-2.5 to 2.5	Pass
				40	3.85	7.167	0.0037	-2.5 to 2.5	Pass
				50	3.85	3.233	0.0017	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	6.752	0.0036	-2.5 to 2.5	Pass
					3.85	6.781	0.0037	-2.5 to 2.5	Pass
					4.43	11.001	0.0059	-2.5 to 2.5	Pass
				-30	3.85	7.124	0.0038	-2.5 to 2.5	Pass
				-20	3.85	8.397	0.0045	-2.5 to 2.5	Pass
				-10	3.85	4.864	0.0026	-2.5 to 2.5	Pass
				0	3.85	7.081	0.0038	-2.5 to 2.5	Pass
				10	3.85	2.933	0.0016	-2.5 to 2.5	Pass
				30	3.85	13.475	0.0073	-2.5 to 2.5	Pass
				40	3.85	4.706	0.0025	-2.5 to 2.5	Pass
				50	3.85	6.022	0.0033	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	3.891	0.0021	-2.5 to 2.5	Pass
					3.85	4.292	0.0023	-2.5 to 2.5	Pass
					4.43	11.373	0.0060	-2.5 to 2.5	Pass
				-30	3.85	5.422	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass

				-10	3.85	1.602	0.0009	-2.5 to 2.5	Pass
				0	3.85	4.678	0.0025	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	1.888	0.0010	-2.5 to 2.5	Pass
				40	3.85	4.177	0.0022	-2.5 to 2.5	Pass
				50	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	4.563	0.0024	-2.5 to 2.5	Pass
					3.85	2.060	0.0011	-2.5 to 2.5	Pass
					4.43	7.939	0.0041	-2.5 to 2.5	Pass
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-10	3.85	7.911	0.0041	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0005	-2.5 to 2.5	Pass
				30	3.85	7.167	0.0037	-2.5 to 2.5	Pass
				40	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass

2.3 B25_5MHz

2.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	2.203	0.0012	-2.5 to 2.5	Pass
					3.85	6.895	0.0037	-2.5 to 2.5	Pass
					4.43	8.283	0.0045	-2.5 to 2.5	Pass
				-30	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.531	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.730	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.315	0.0002	-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	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.604	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.718	0.0014	-2.5 to 2.5	Pass
				0	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	2.689	0.0014	-2.5 to 2.5	Pass
					3.85	8.111	0.0042	-2.5 to 2.5	Pass
					4.43	0.072	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.204	0.0017	-2.5 to 2.5	Pass
				0	3.85	2.418	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass

				30	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				40	3.85	3.905	0.0020	-2.5 to 2.5	Pass
				50	3.85	6.223	0.0033	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	0.343	0.0002	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-3.061	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	2.632	0.0014	-2.5 to 2.5	Pass
				30	3.85	3.061	0.0017	-2.5 to 2.5	Pass
				40	3.85	4.406	0.0024	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0005	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-0.815	-0.0004	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.890	0.0015	-2.5 to 2.5	Pass
				-10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0014	-2.5 to 2.5	Pass
				10	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0001	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	3.448	0.0018	-2.5 to 2.5	Pass
					3.85	2.317	0.0012	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	3.519	0.0018	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
				30	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				50	3.85	-2.332	-0.0012	-2.5 to 2.5	Pass

2.4 B25_10MHz

2.4.1 Test Result

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
					4.43	-1.945	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass

	1882.5	50	0	20	3.27	1.216	0.0006	-2.5 to 2.5	Pass
					3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.787	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.443	0.0002	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	1.988	0.0010	-2.5 to 2.5	Pass
					3.85	2.675	0.0014	-2.5 to 2.5	Pass
					4.43	4.635	0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				-20	3.85	3.834	0.0020	-2.5 to 2.5	Pass
				-10	3.85	5.622	0.0029	-2.5 to 2.5	Pass
				0	3.85	1.359	0.0007	-2.5 to 2.5	Pass
				10	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				30	3.85	3.691	0.0019	-2.5 to 2.5	Pass
				40	3.85	5.608	0.0029	-2.5 to 2.5	Pass
				50	3.85	3.190	0.0017	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	0.272	0.0001	-2.5 to 2.5	Pass
					3.85	-1.745	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.744	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.001	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-1.287	-0.0007	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-2.074	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.689	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.931	0.0010	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	2.646	0.0014	-2.5 to 2.5	Pass
					3.85	2.704	0.0014	-2.5 to 2.5	Pass
					4.43	1.945	0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.506	0.0024	-2.5 to 2.5	Pass
				-20	3.85	1.559	0.0008	-2.5 to 2.5	Pass
				-10	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0015	-2.5 to 2.5	Pass
				10	3.85	3.963	0.0021	-2.5 to 2.5	Pass
				30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				40	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				50	3.85	3.619	0.0019	-2.5 to 2.5	Pass

2.5 B25_15MHz

2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	0.472	0.0003	-2.5 to 2.5	Pass
					3.85	-2.732	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.486	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.401	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	4.535	0.0024	-2.5 to 2.5	Pass
					3.85	5.736	0.0030	-2.5 to 2.5	Pass
					4.43	5.593	0.0030	-2.5 to 2.5	Pass
				-30	3.85	5.608	0.0030	-2.5 to 2.5	Pass
				-20	3.85	2.589	0.0014	-2.5 to 2.5	Pass
				-10	3.85	4.635	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.376	0.0018	-2.5 to 2.5	Pass
				10	3.85	2.317	0.0012	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0024	-2.5 to 2.5	Pass
				40	3.85	2.918	0.0016	-2.5 to 2.5	Pass
				50	3.85	4.334	0.0023	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	3.648	0.0019	-2.5 to 2.5	Pass
					3.85	3.347	0.0018	-2.5 to 2.5	Pass
					4.43	3.676	0.0019	-2.5 to 2.5	Pass
				-30	3.85	1.659	0.0009	-2.5 to 2.5	Pass
				-20	3.85	4.935	0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.134	0.0022	-2.5 to 2.5	Pass
				0	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				30	3.85	3.748	0.0020	-2.5 to 2.5	Pass
				40	3.85	2.732	0.0014	-2.5 to 2.5	Pass
				50	3.85	1.316	0.0007	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-2.460	-0.0013	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
					4.43	-0.429	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	5.407	0.0029	-2.5 to 2.5	Pass
					4.43	3.405	0.0018	-2.5 to 2.5	Pass
				-30	3.85	4.392	0.0023	-2.5 to 2.5	Pass
				-20	3.85	2.217	0.0012	-2.5 to 2.5	Pass

				-10	3.85	3.633	0.0019	-2.5 to 2.5	Pass
				0	3.85	4.206	0.0022	-2.5 to 2.5	Pass
				10	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				30	3.85	3.991	0.0021	-2.5 to 2.5	Pass
				40	3.85	4.449	0.0024	-2.5 to 2.5	Pass
				50	3.85	3.219	0.0017	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	2.375	0.0012	-2.5 to 2.5	Pass
					3.85	2.346	0.0012	-2.5 to 2.5	Pass
					4.43	1.860	0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.304	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.063	0.0021	-2.5 to 2.5	Pass
				-10	3.85	3.104	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.618	0.0014	-2.5 to 2.5	Pass
				10	3.85	2.189	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0011	-2.5 to 2.5	Pass
				50	3.85	2.933	0.0015	-2.5 to 2.5	Pass

2.6 B25_20MHz

2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	1.702	0.0009	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.144	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				-20	3.85	1.273	0.0007	-2.5 to 2.5	Pass
				-10	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	1.988	0.0011	-2.5 to 2.5	Pass
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.060	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.146	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	3.090	0.0016	-2.5 to 2.5	Pass
					4.43	1.445	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.545	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.747	0.0014	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass

				30	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				40	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				50	3.85	1.860	0.0010	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	1.330	0.0007	-2.5 to 2.5	Pass
					3.85	0.200	0.0001	-2.5 to 2.5	Pass
					4.43	0.629	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	1.931	0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				10	3.85	0.987	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.203	0.0012	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-0.658	-0.0003	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-0.172	-0.0001	-2.5 to 2.5	Pass
					3.85	2.589	0.0014	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.862	0.0020	-2.5 to 2.5	Pass
				-20	3.85	1.602	0.0008	-2.5 to 2.5	Pass
				-10	3.85	1.845	0.0010	-2.5 to 2.5	Pass
				0	3.85	2.818	0.0015	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				30	3.85	2.789	0.0015	-2.5 to 2.5	Pass
				40	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0015	-2.5 to 2.5	Pass

3. Modulation Characteristics

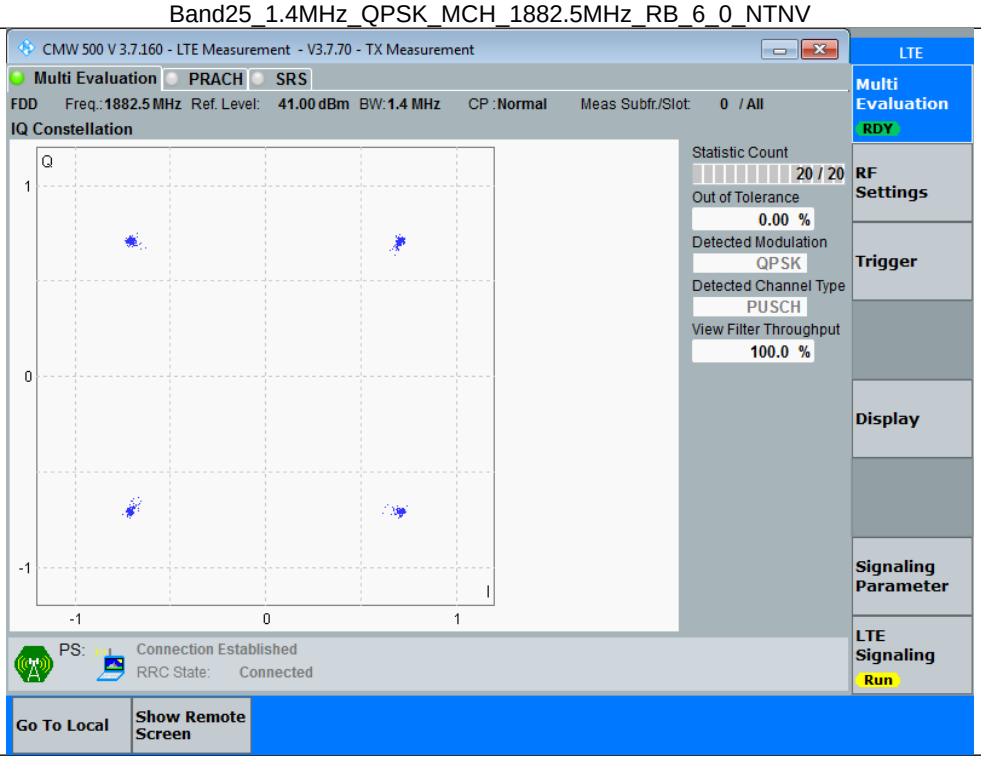
3.1 B25_1.4MHz

3.1.1 Test Result

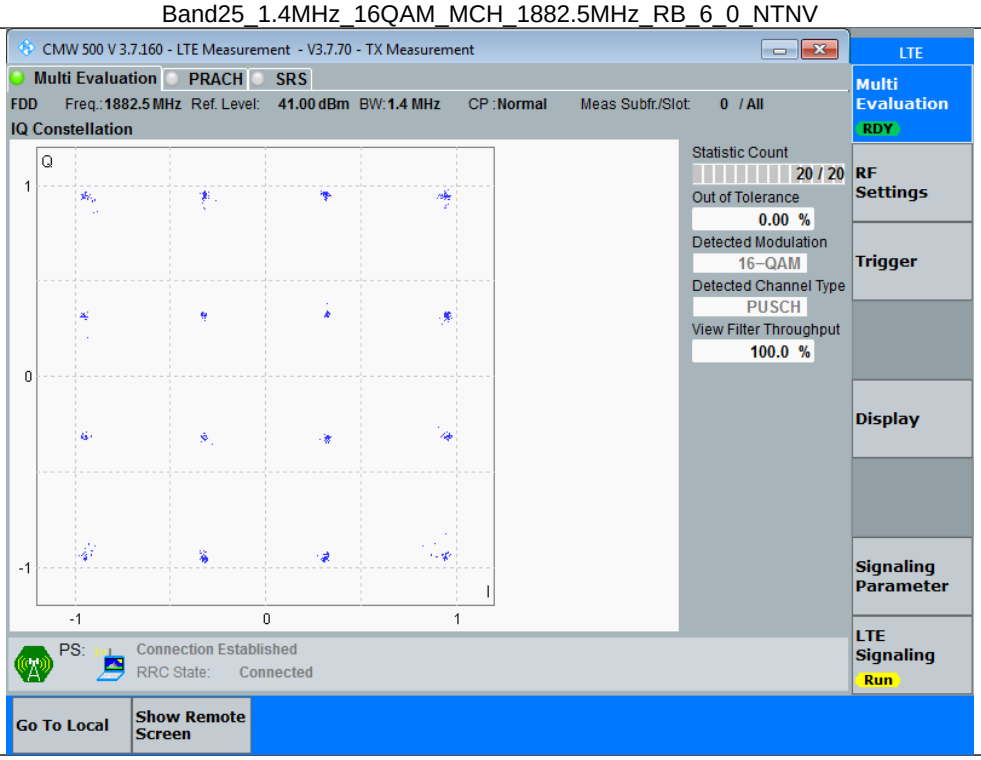
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



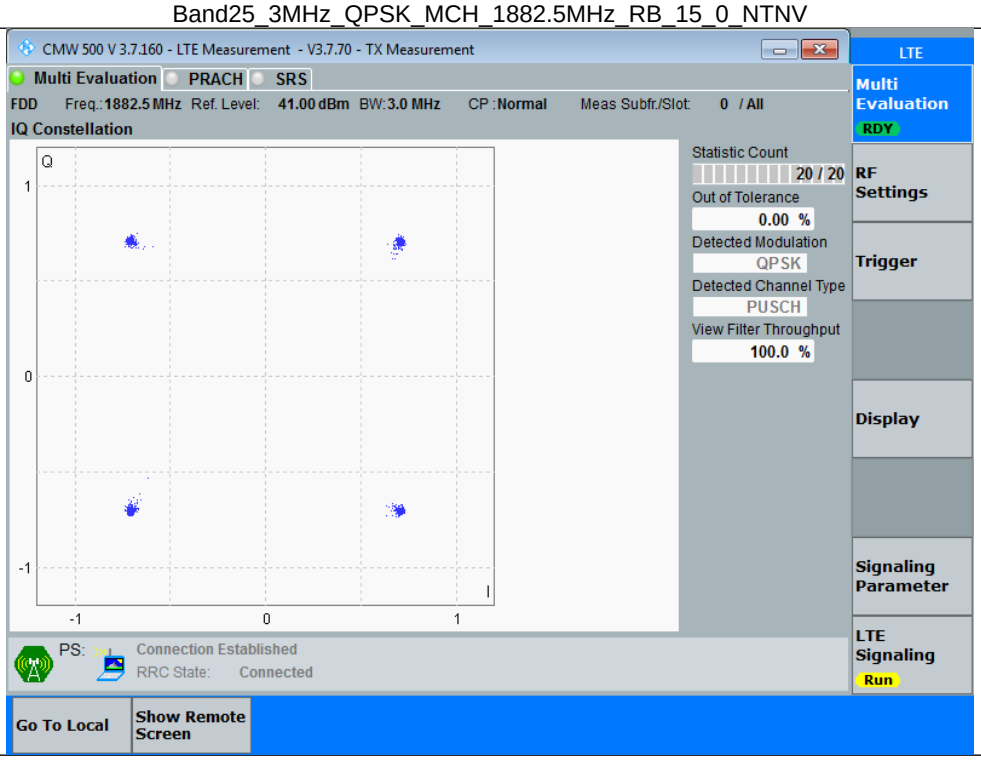
3.2 B25_3MHz

3.2.1 Test Result

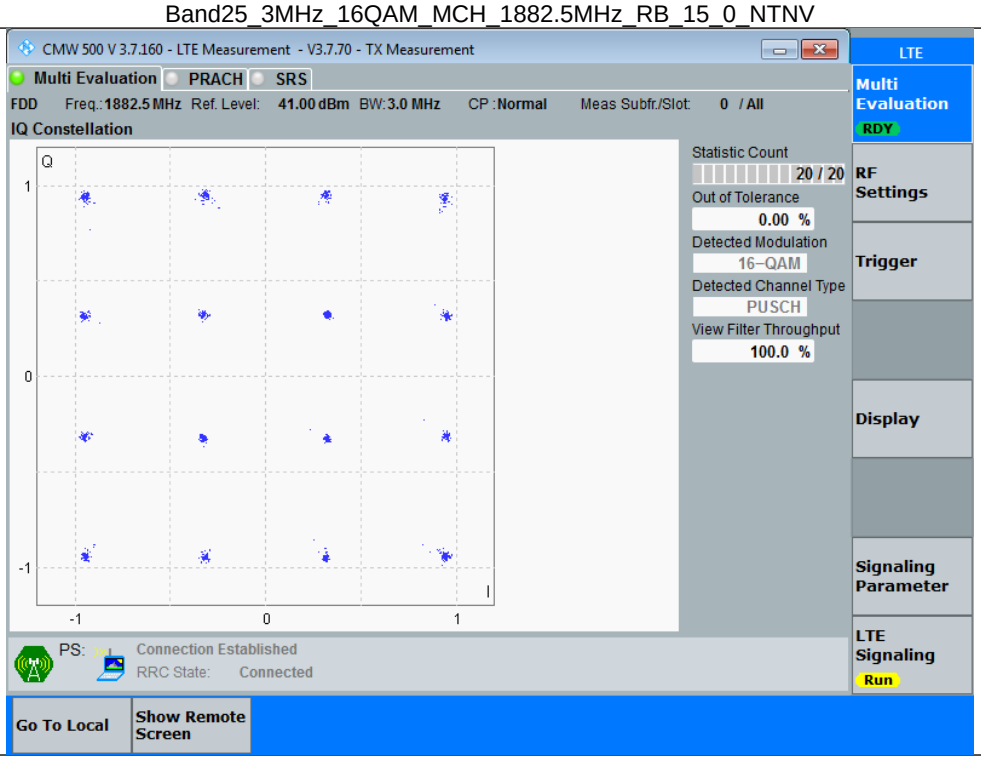
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



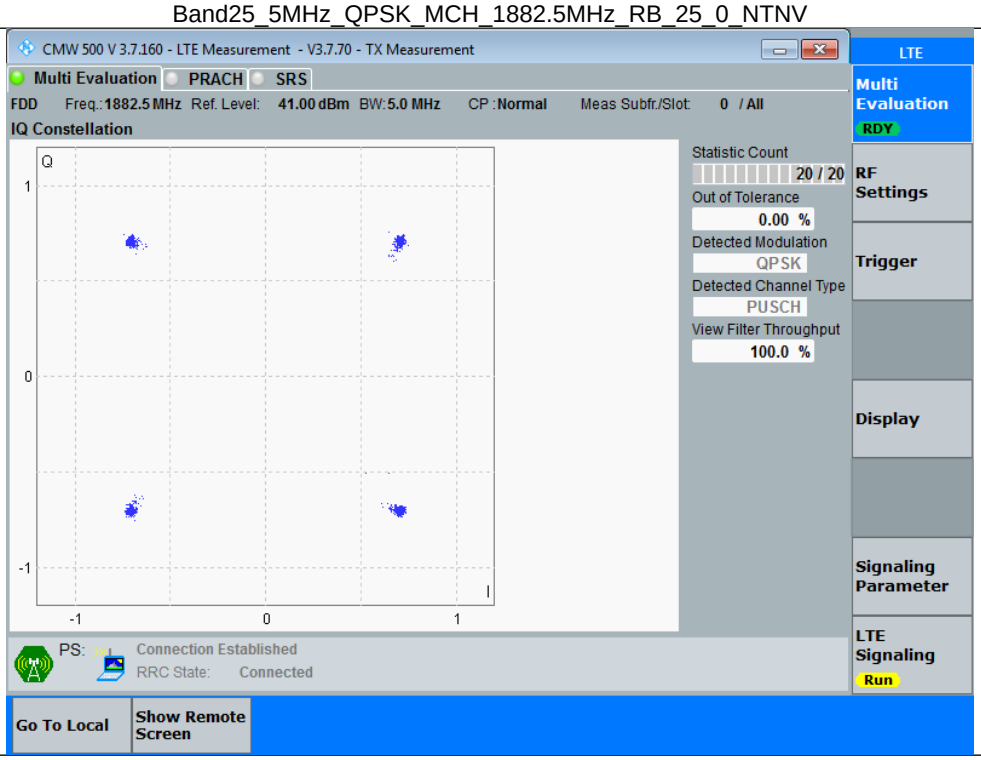
3.3 B25_5MHz

3.3.1 Test Result

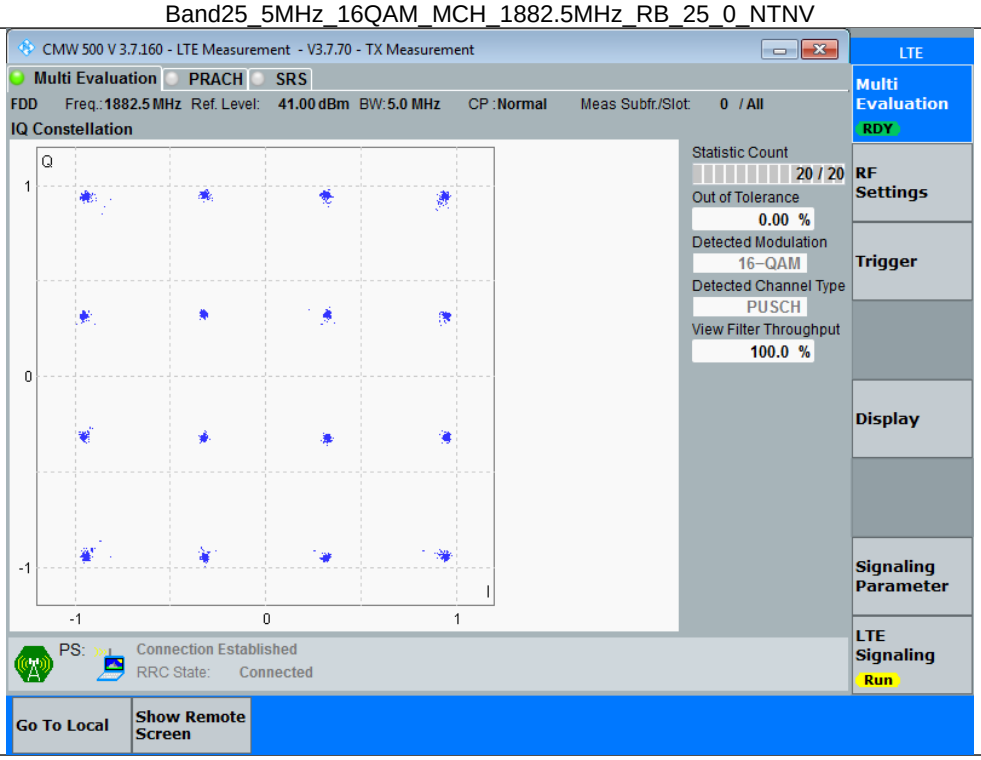
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



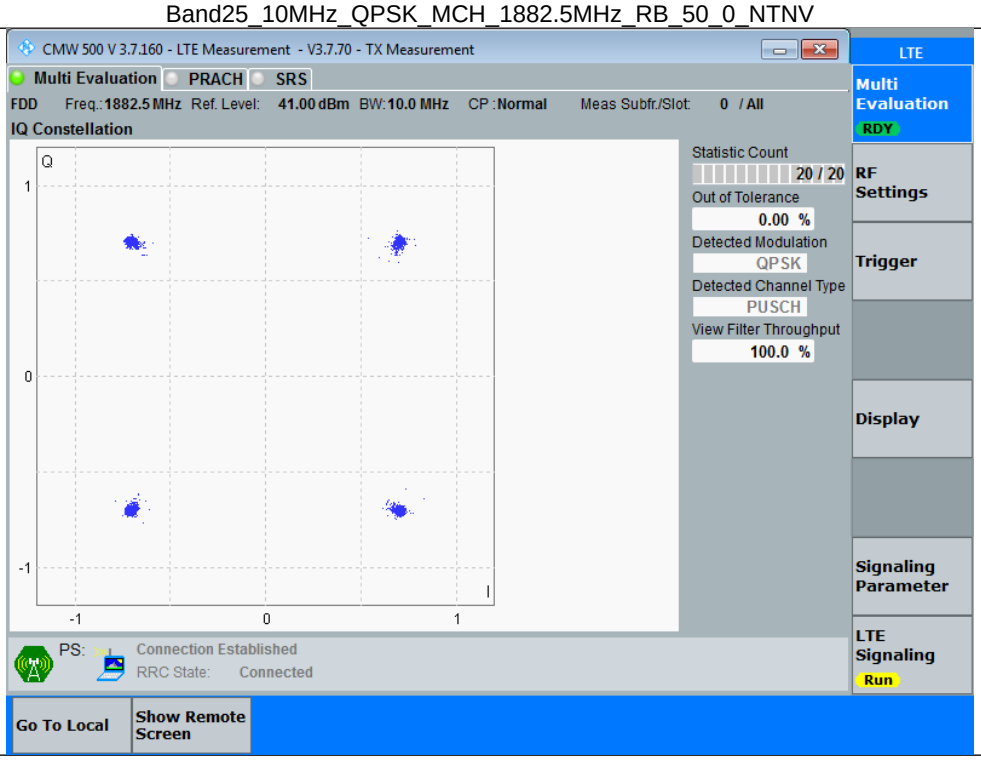
3.4 B25_10MHz

3.4.1 Test Result

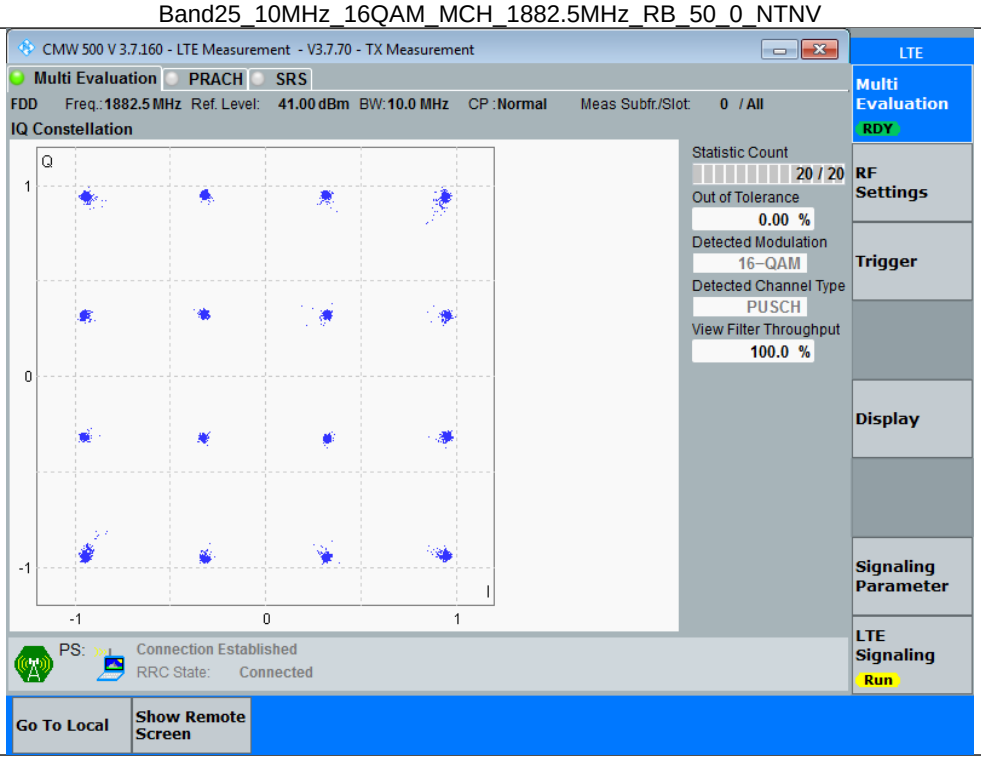
Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



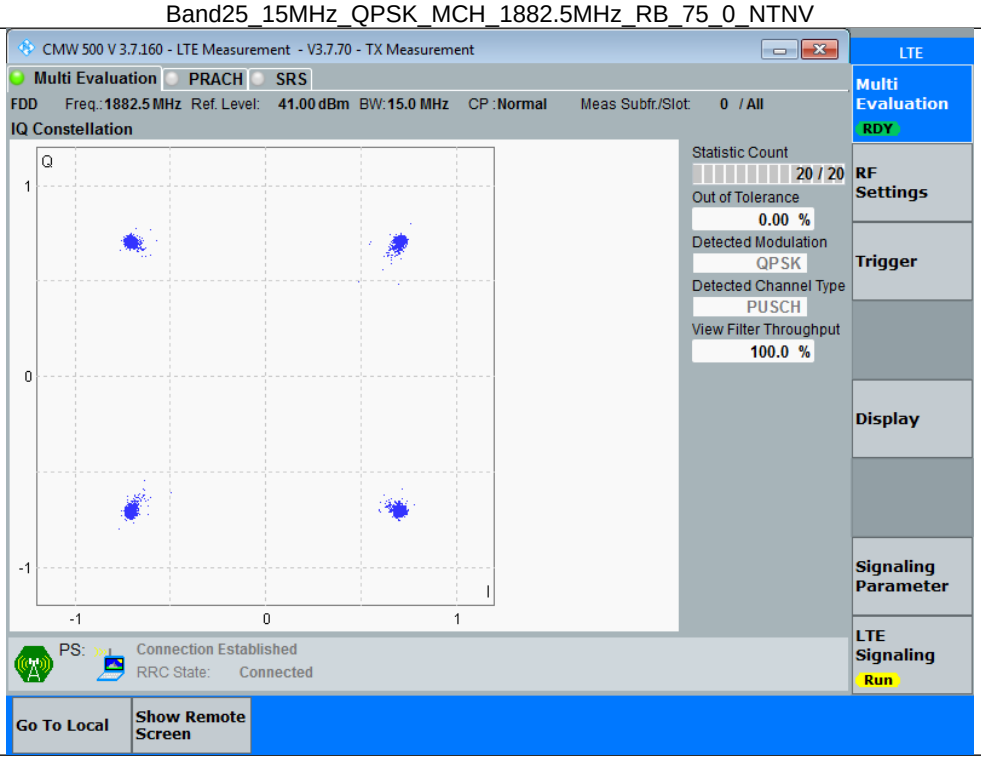
3.5 B25_15MHz

3.5.1 Test Result

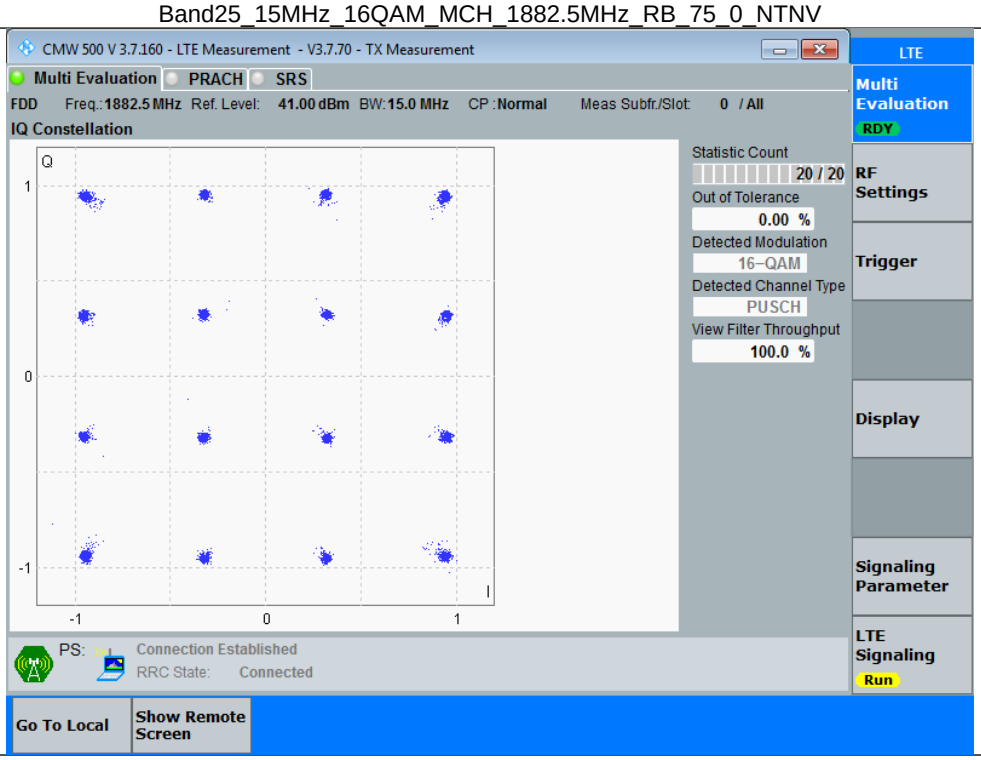
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



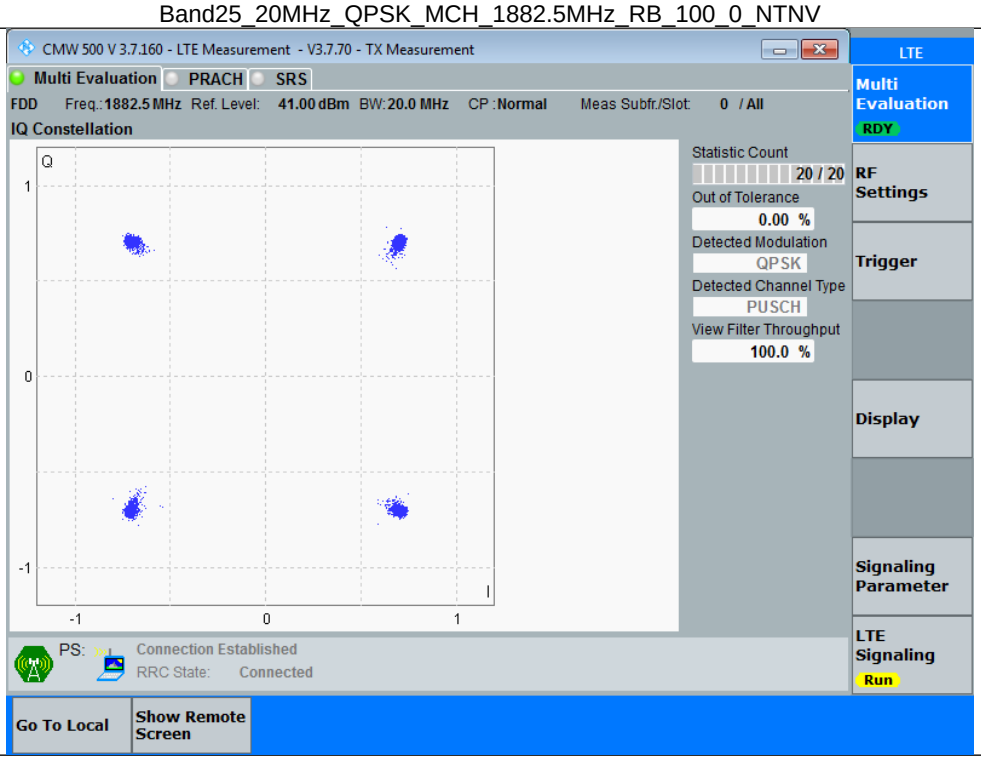
3.6 B25_20MHz

3.6.1 Test Result

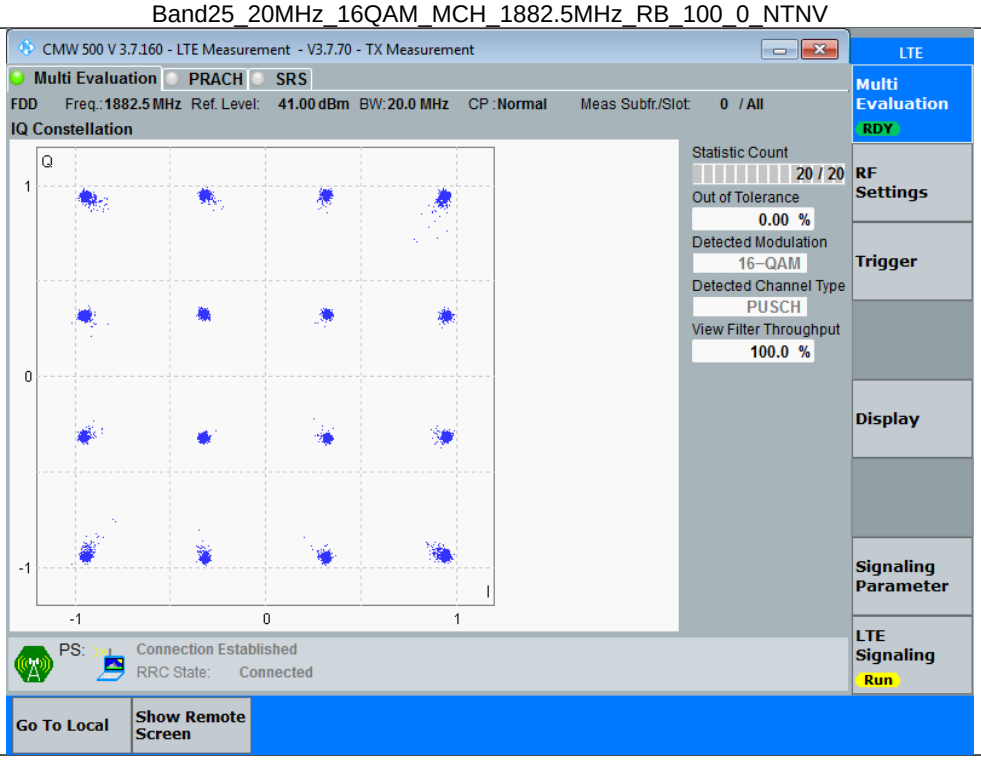
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph

Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

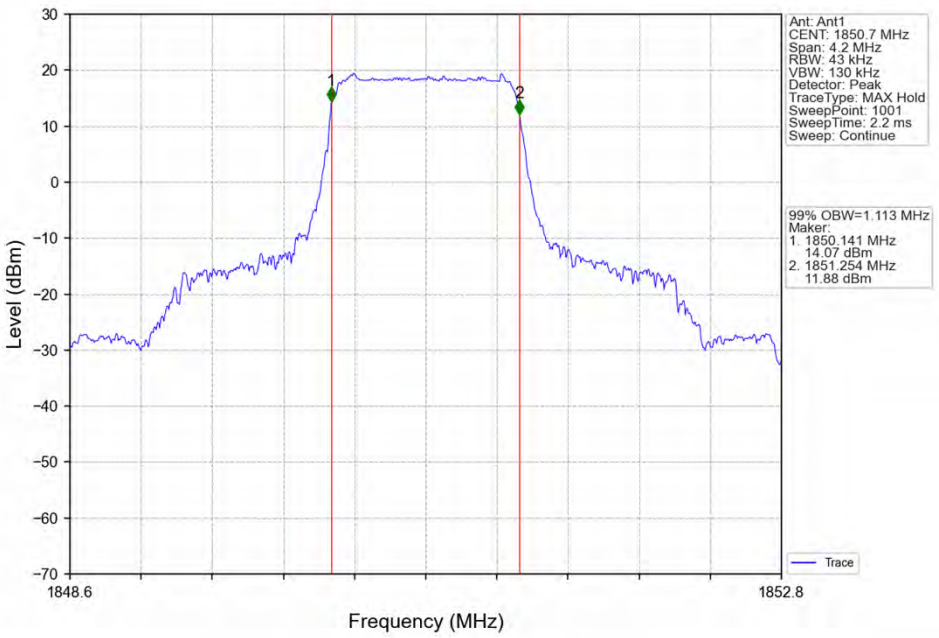
4.1 Band25_OBW

4.1.1 Test Result

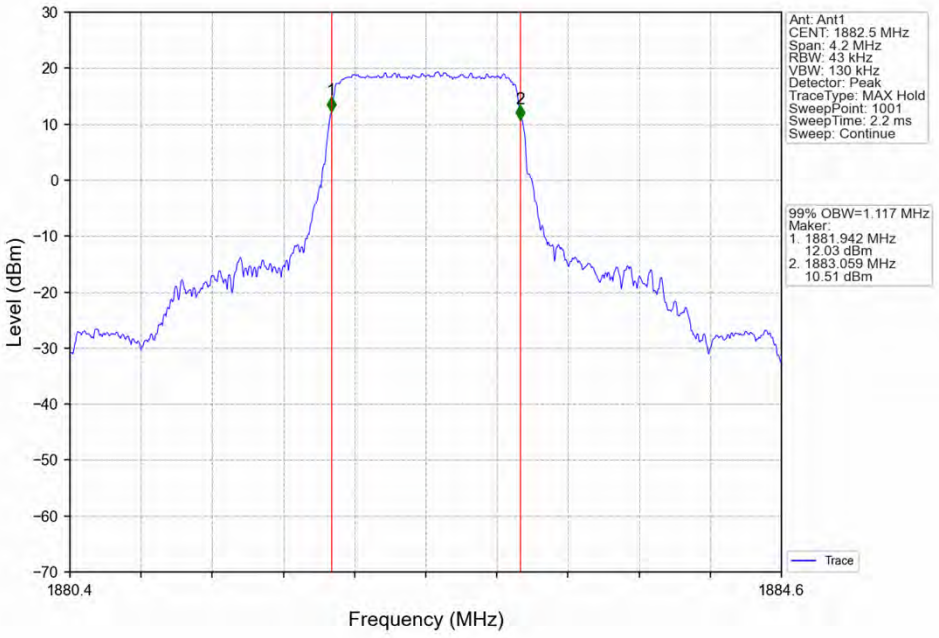
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.113	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.129	Pass
	16QAM	1850.7	6	0	1.117	Pass
		1882.5	6	0	1.104	Pass
		1914.3	6	0	1.119	Pass
3	QPSK	1851.5	15	0	2.734	Pass
		1882.5	15	0	2.730	Pass
		1913.5	15	0	2.738	Pass
	16QAM	1851.5	15	0	2.746	Pass
		1882.5	15	0	2.733	Pass
		1913.5	15	0	2.737	Pass
5	QPSK	1852.5	25	0	4.571	Pass
		1882.5	25	0	4.538	Pass
		1912.5	25	0	4.556	Pass
	16QAM	1852.5	25	0	4.536	Pass
		1882.5	25	0	4.568	Pass
		1912.5	25	0	4.569	Pass
10	QPSK	1855	50	0	9.056	Pass
		1882.5	50	0	9.074	Pass
		1910	50	0	9.067	Pass
	16QAM	1855	50	0	9.067	Pass
		1882.5	50	0	9.082	Pass
		1910	50	0	9.053	Pass
15	QPSK	1857.5	75	0	13.615	Pass
		1882.5	75	0	13.584	Pass
		1907.5	75	0	13.597	Pass
	16QAM	1857.5	75	0	13.612	Pass
		1882.5	75	0	13.621	Pass
		1907.5	75	0	13.614	Pass
20	QPSK	1860	100	0	18.124	Pass
		1882.5	100	0	18.110	Pass
		1905	100	0	18.176	Pass
	16QAM	1860	100	0	18.203	Pass
		1882.5	100	0	18.100	Pass
		1905	100	0	18.184	Pass

4.1.2 Test Graph

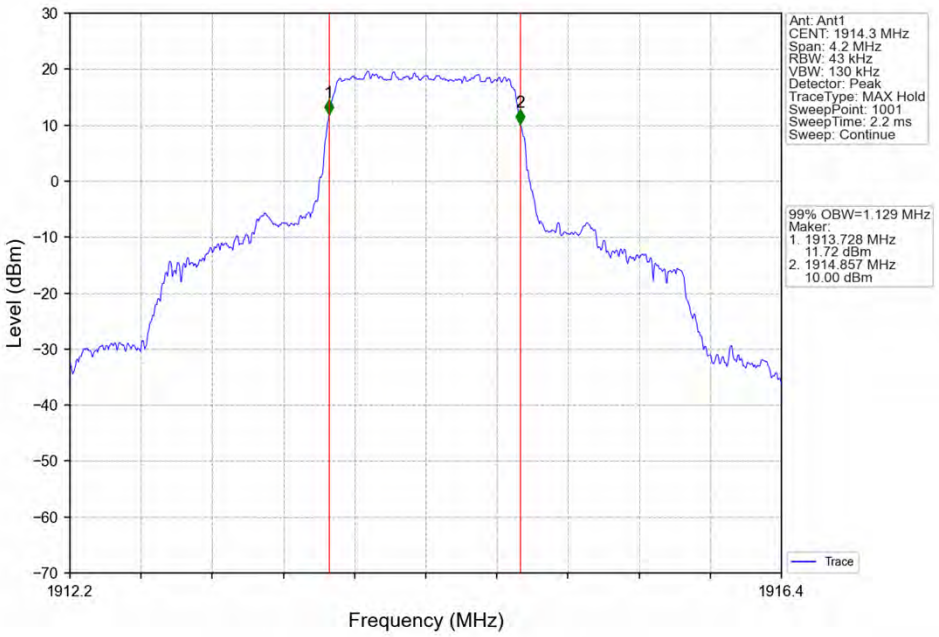
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



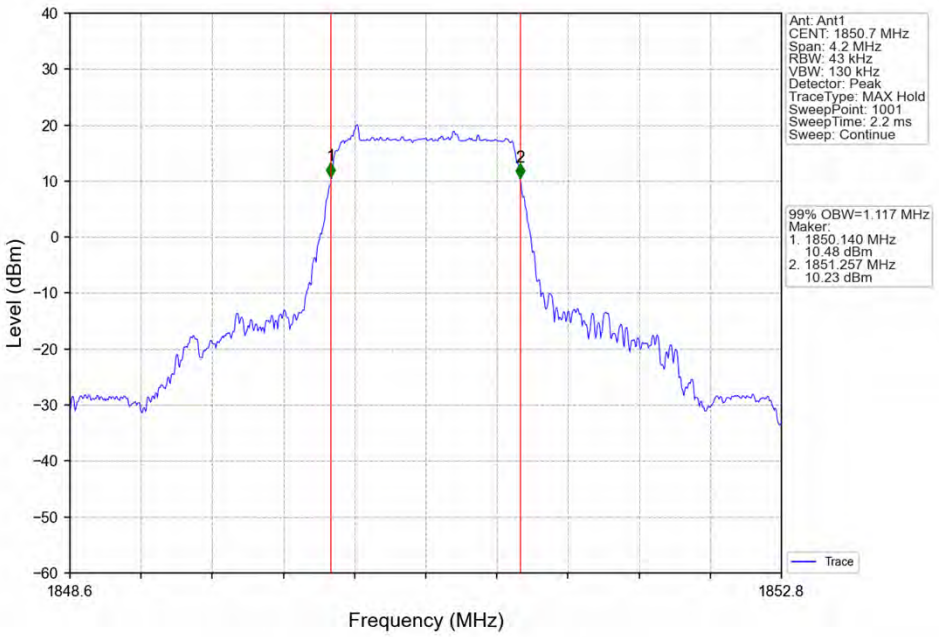
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



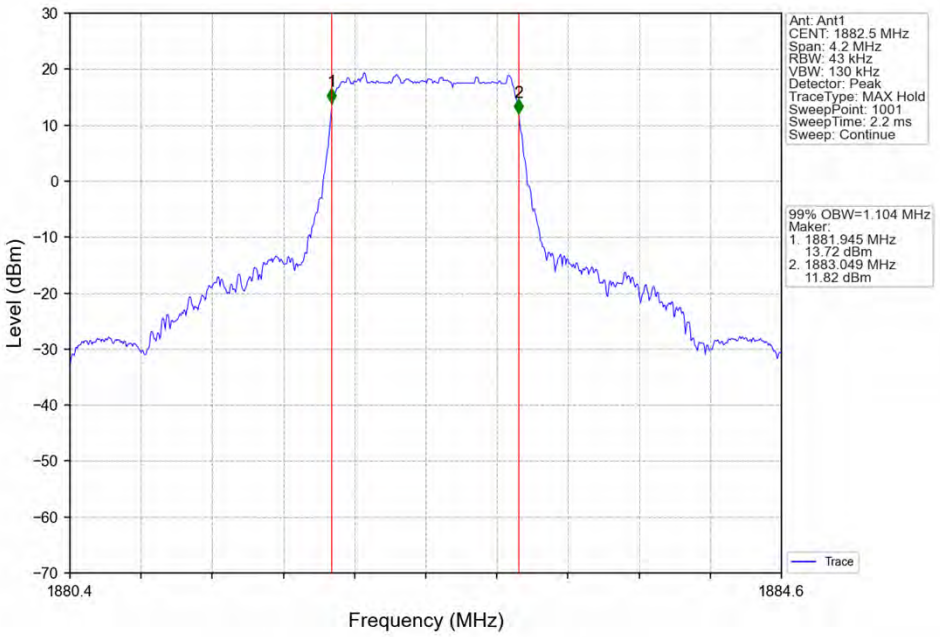
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



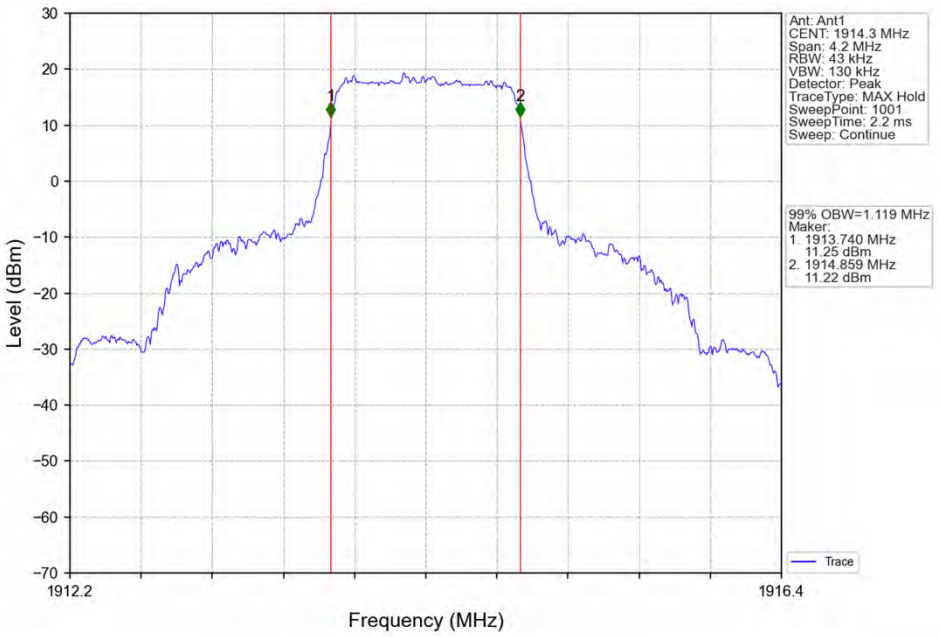
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



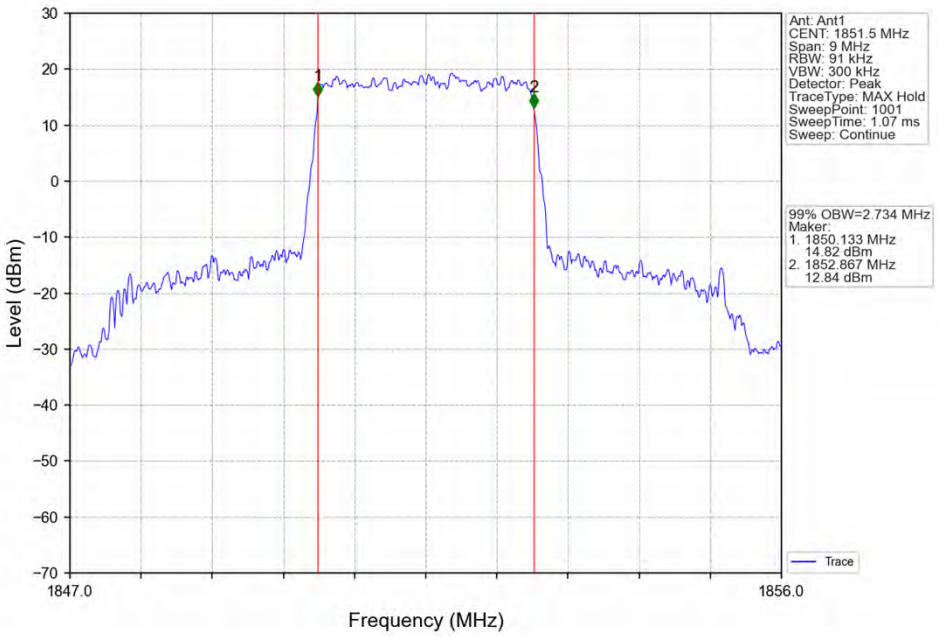
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



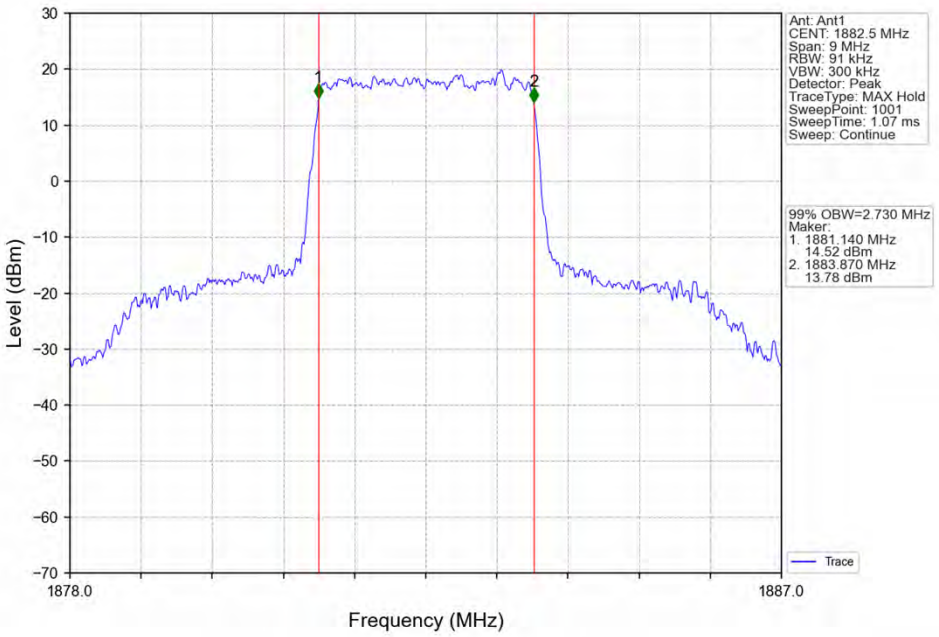
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



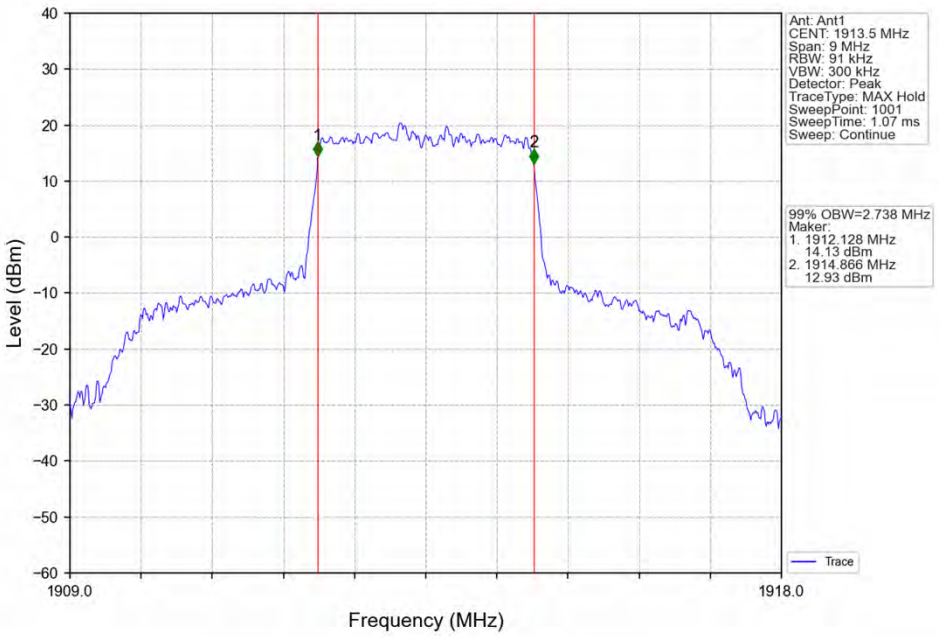
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



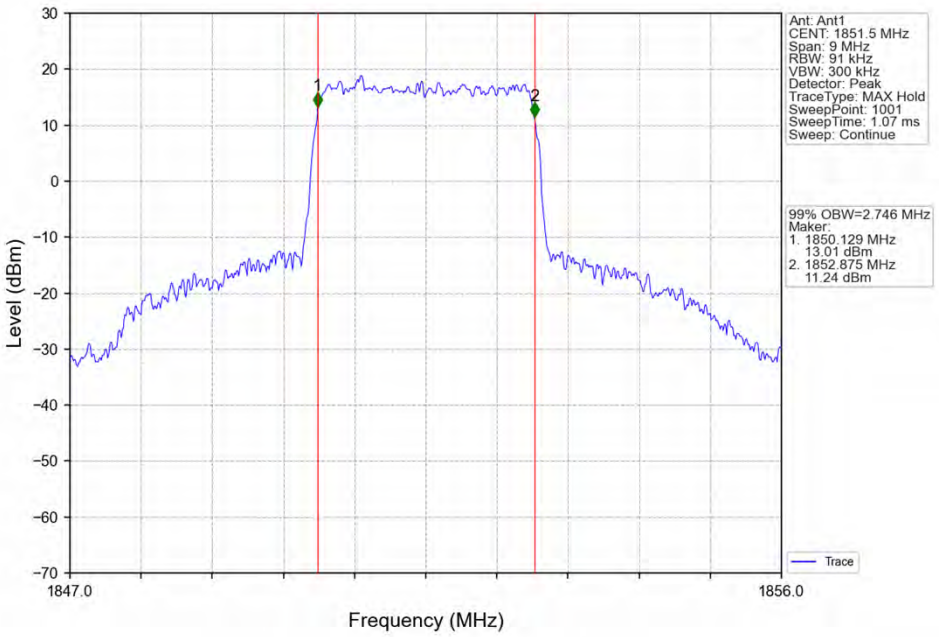
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



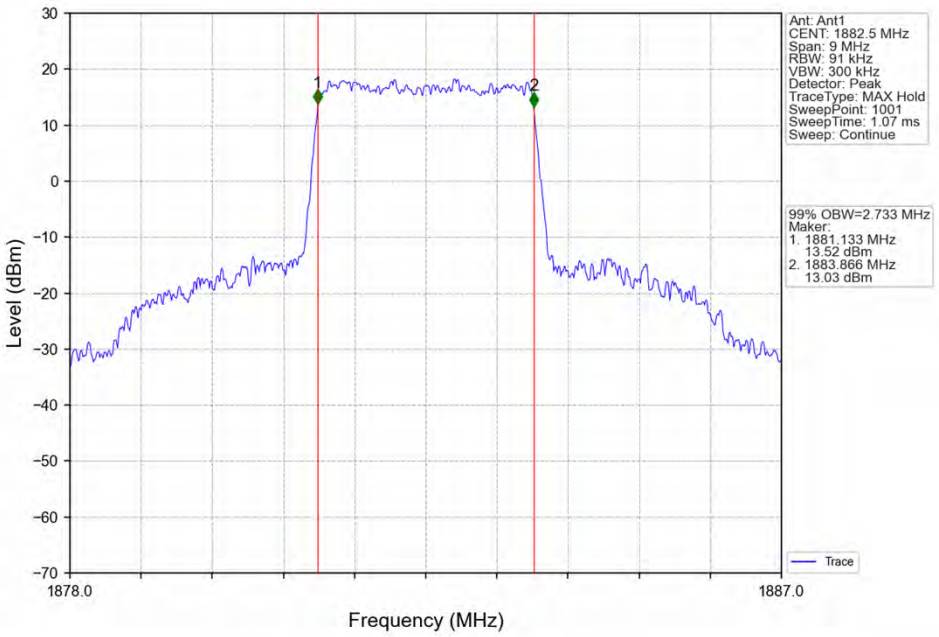
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



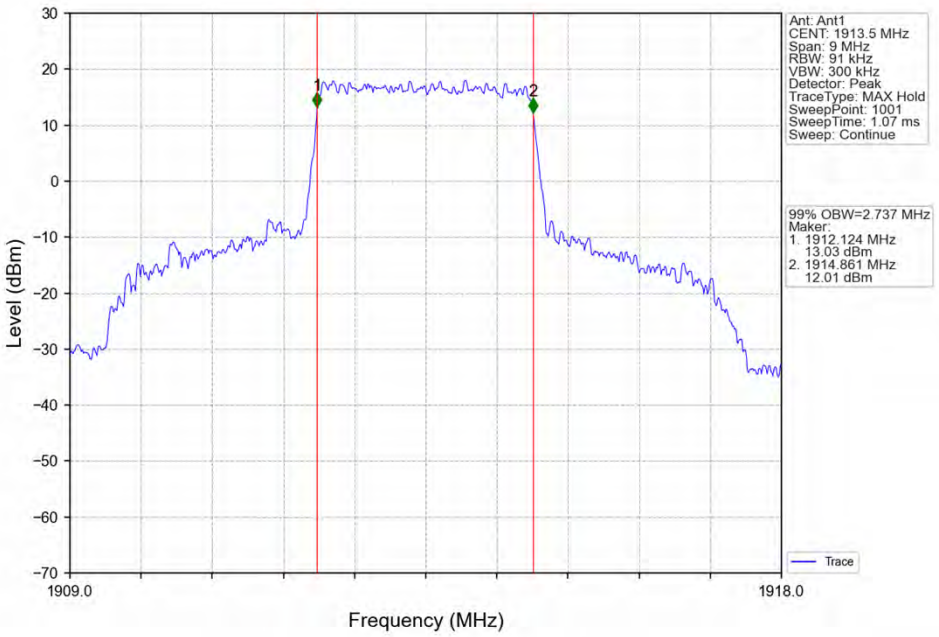
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



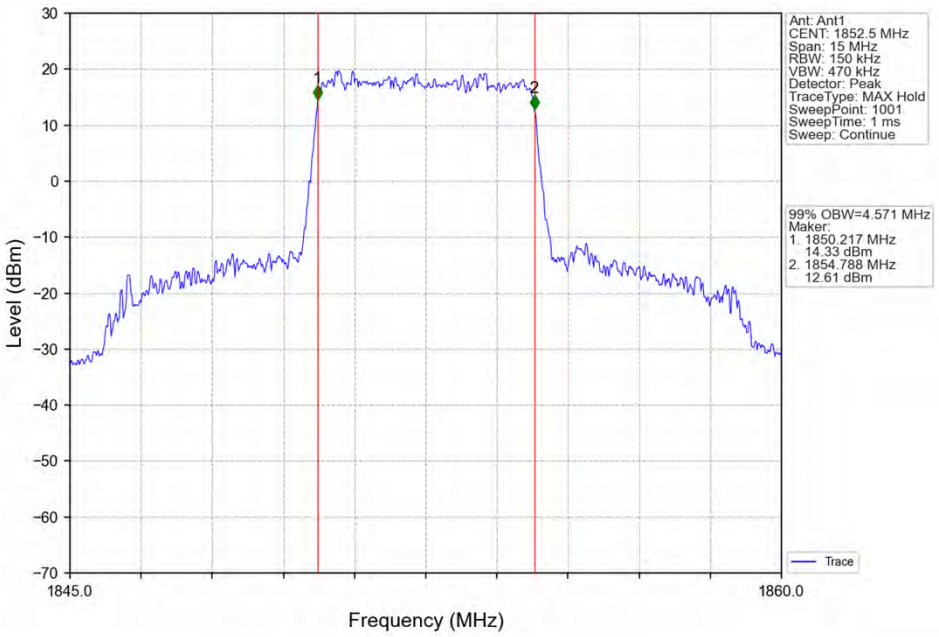
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



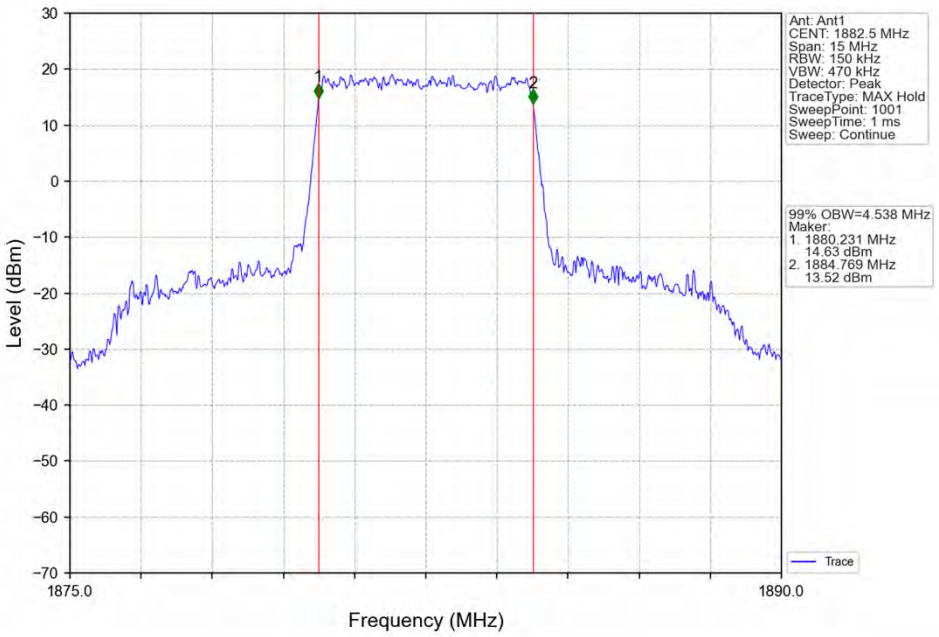
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



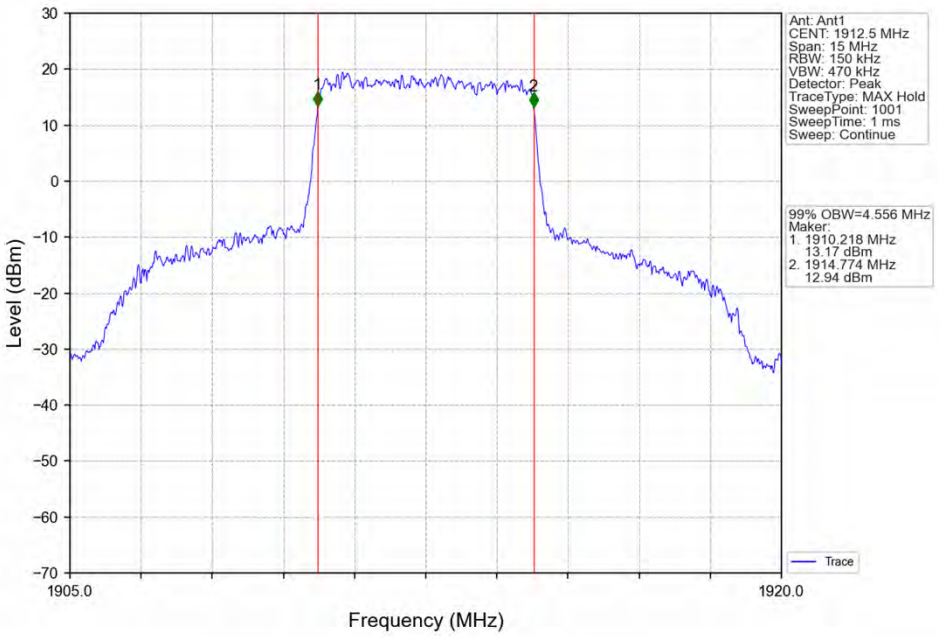
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



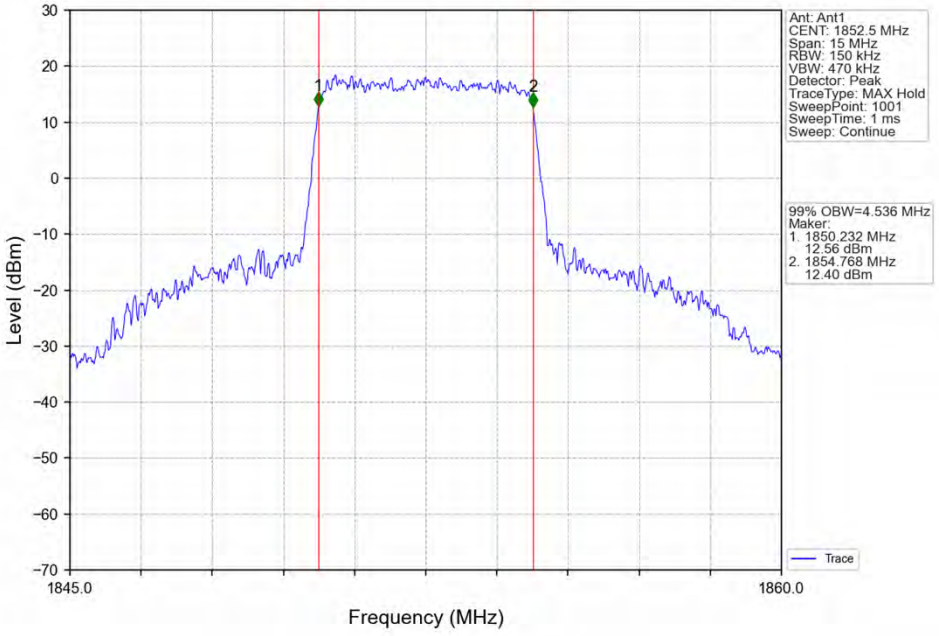
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



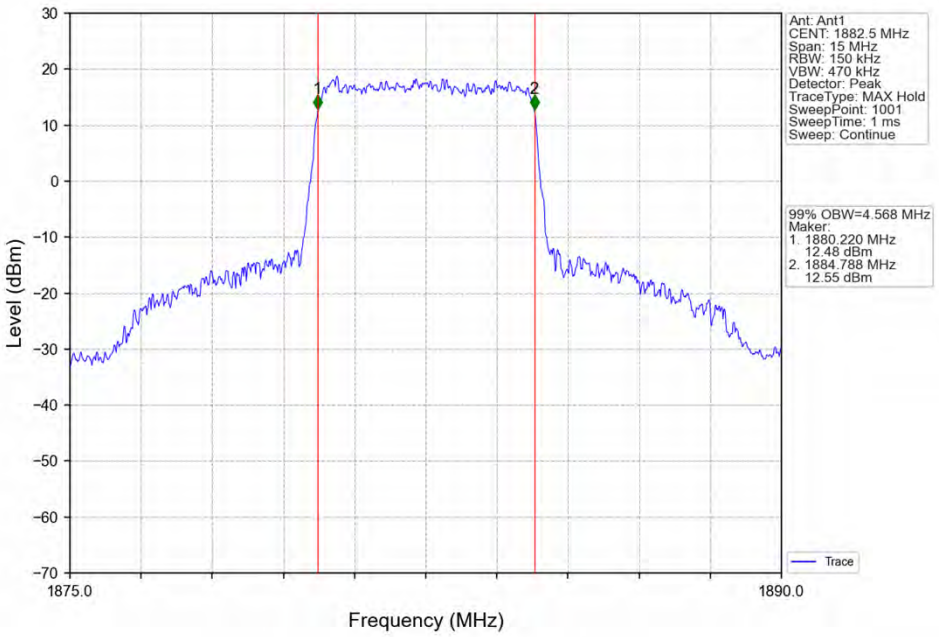
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



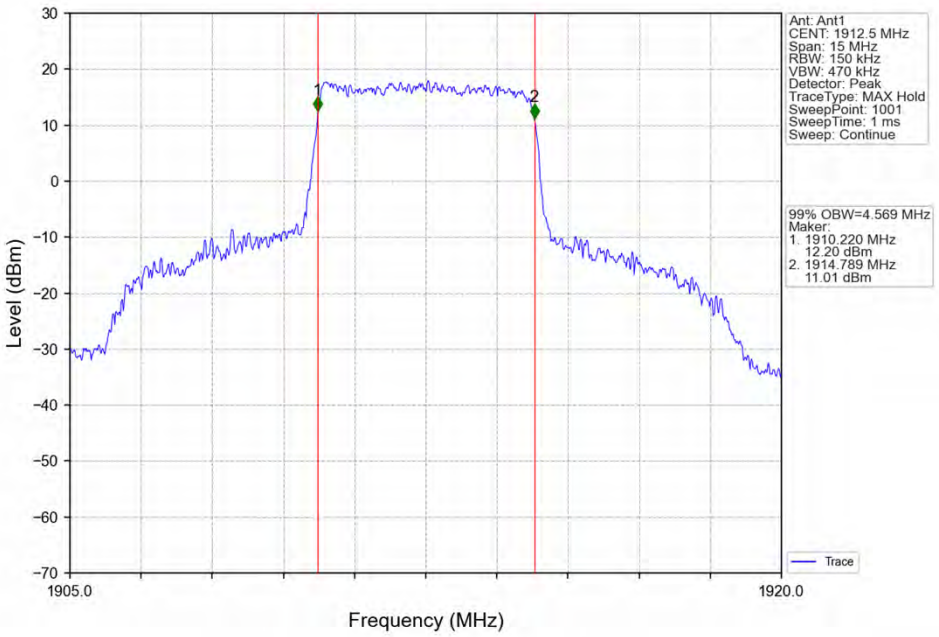
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



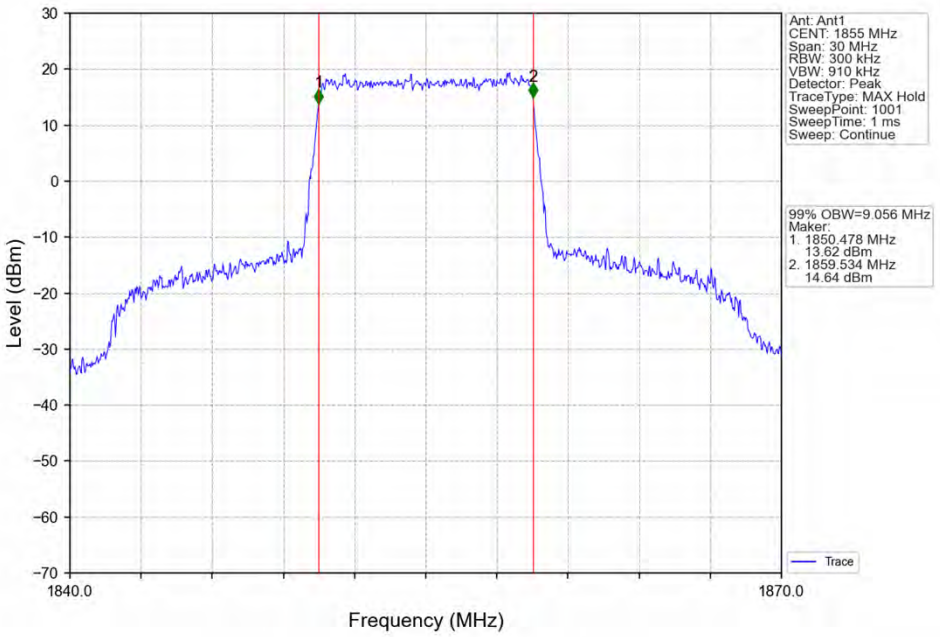
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



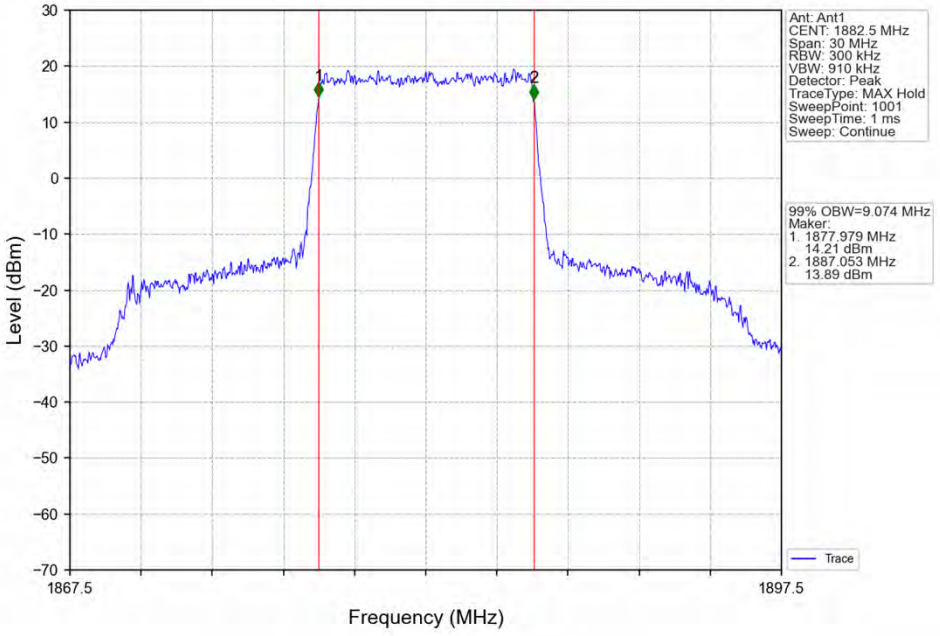
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



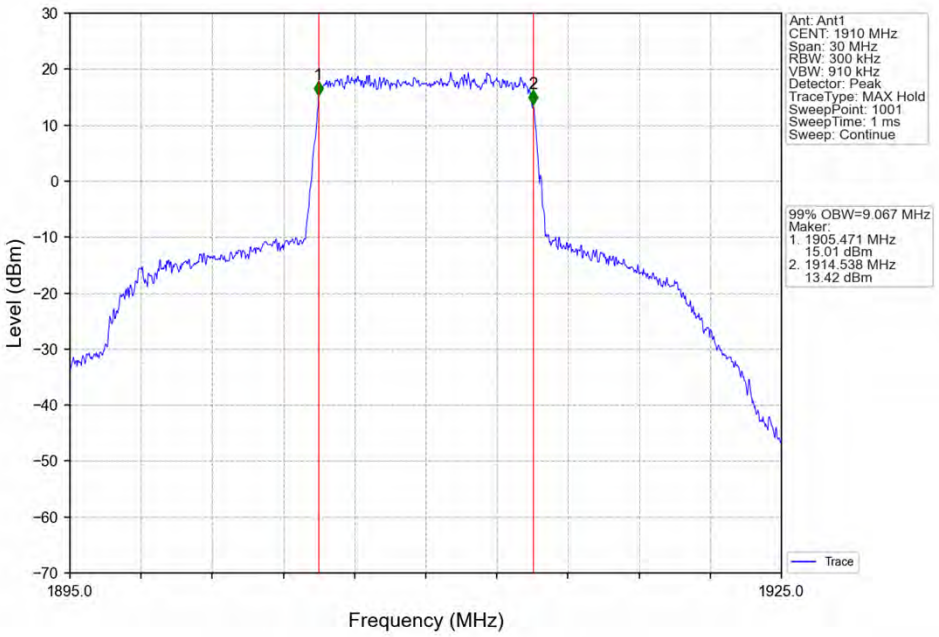
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



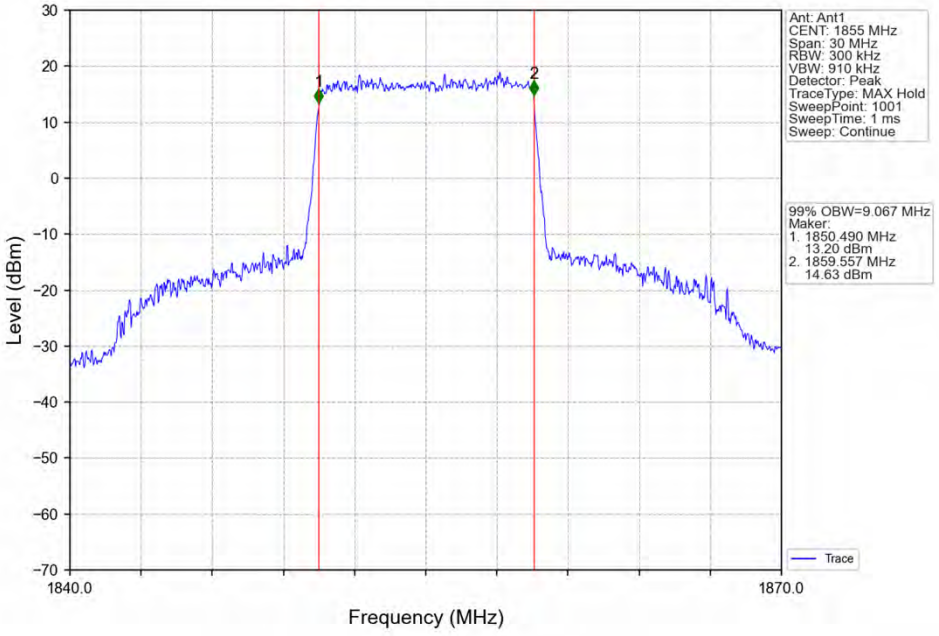
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



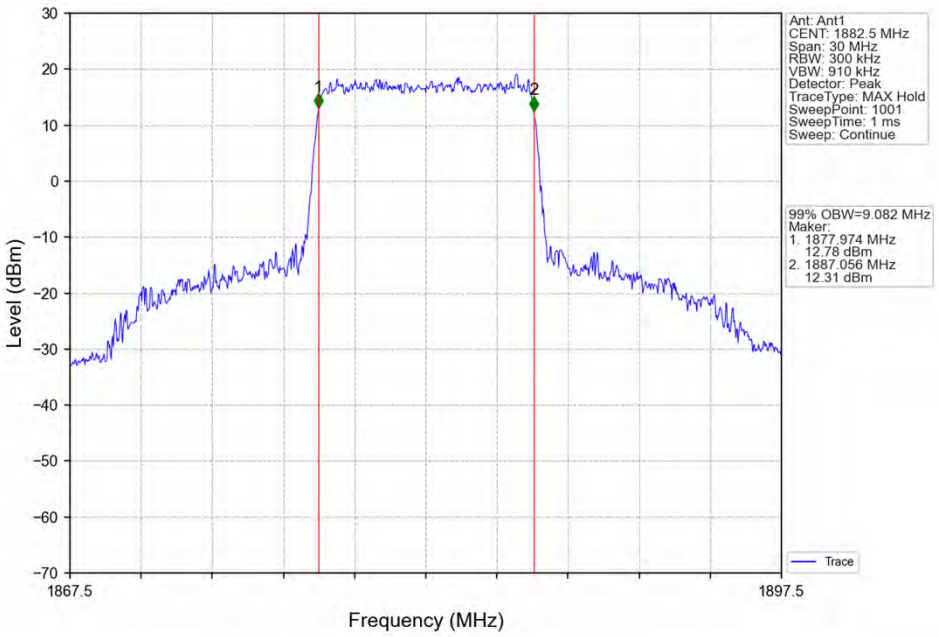
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



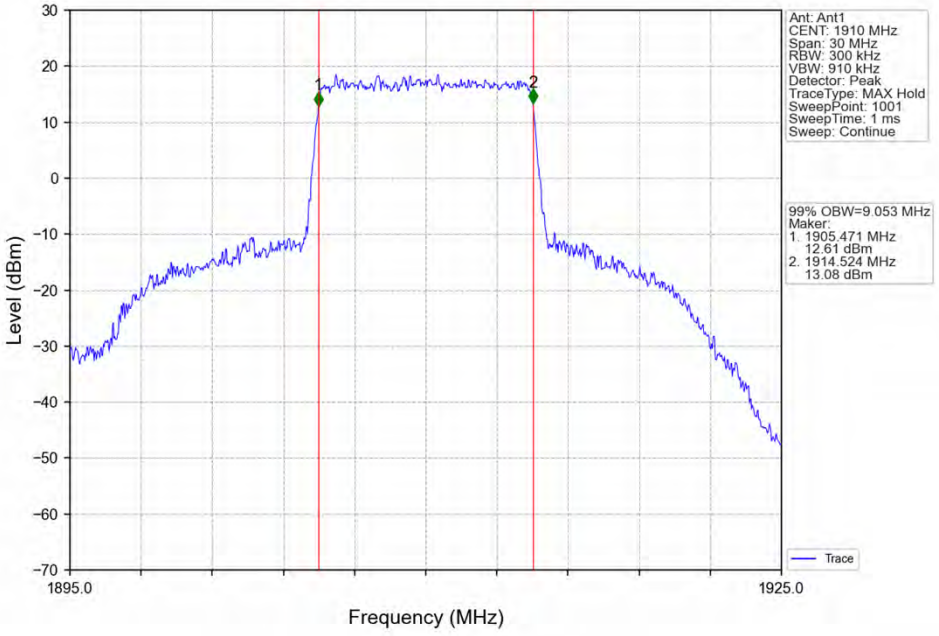
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



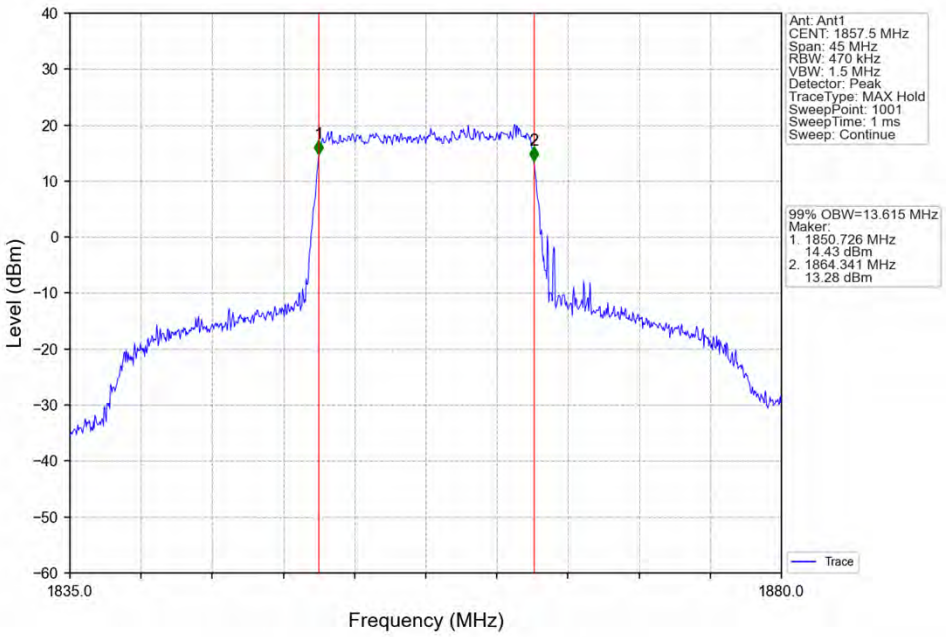
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



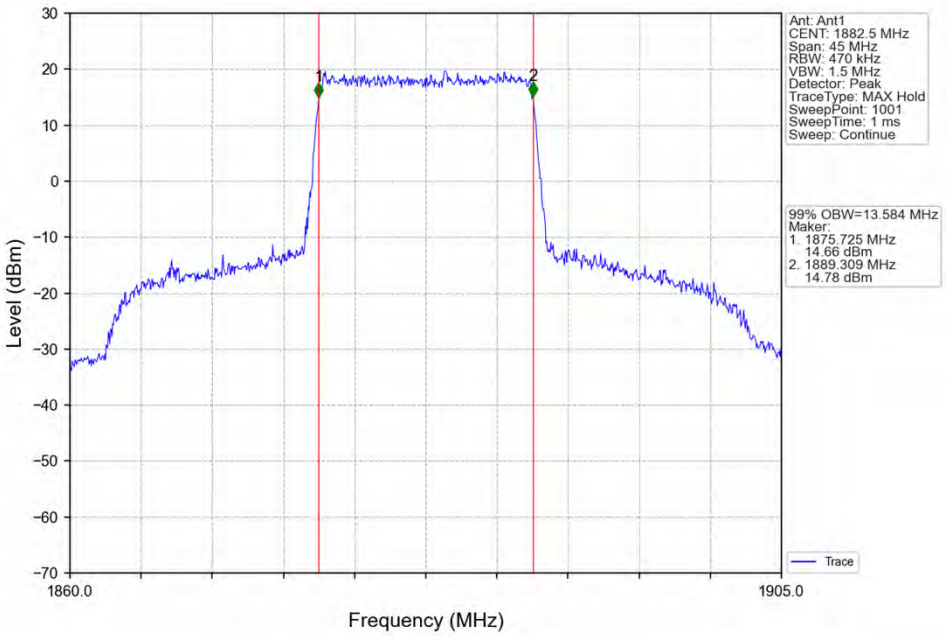
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



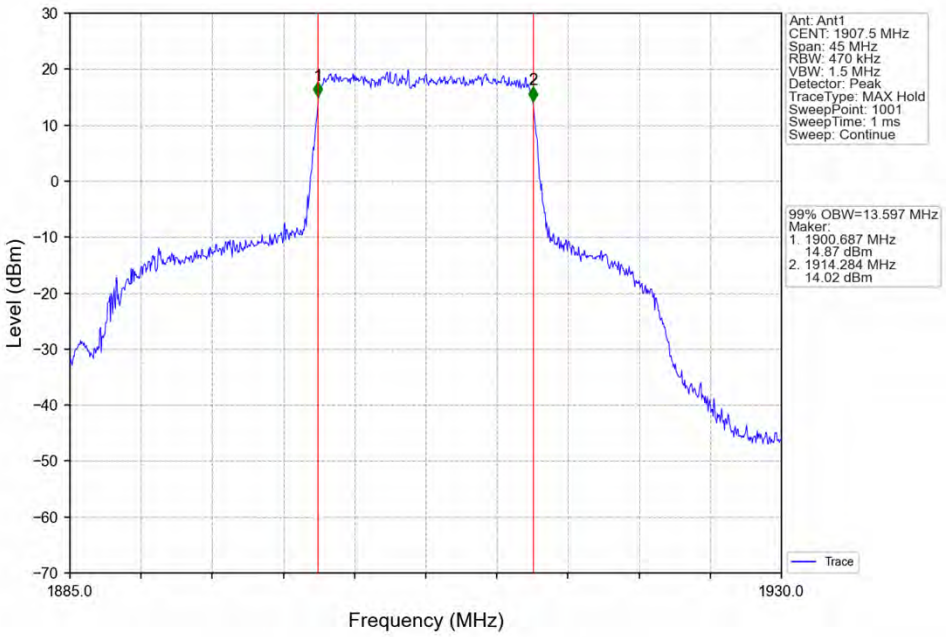
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



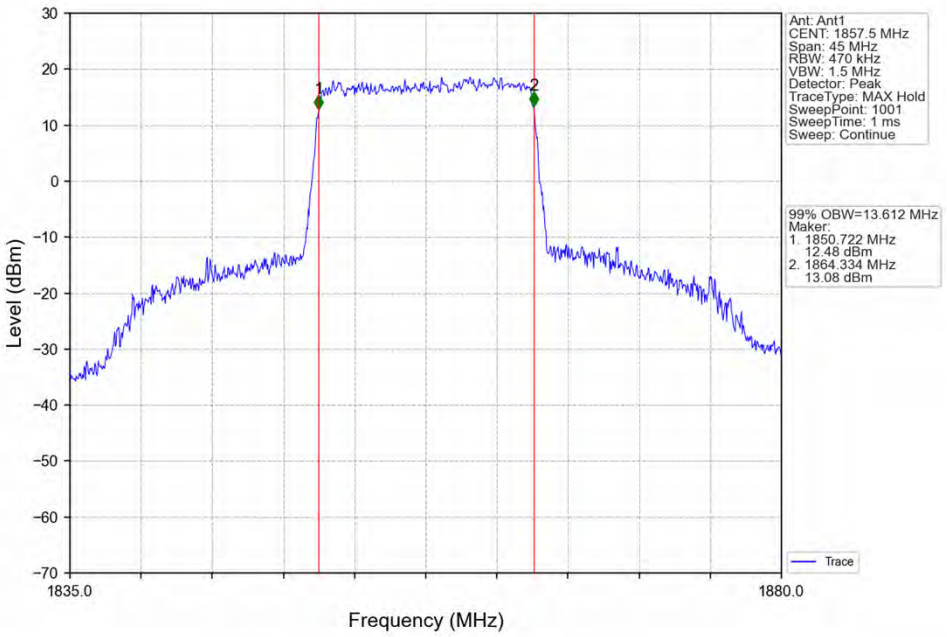
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



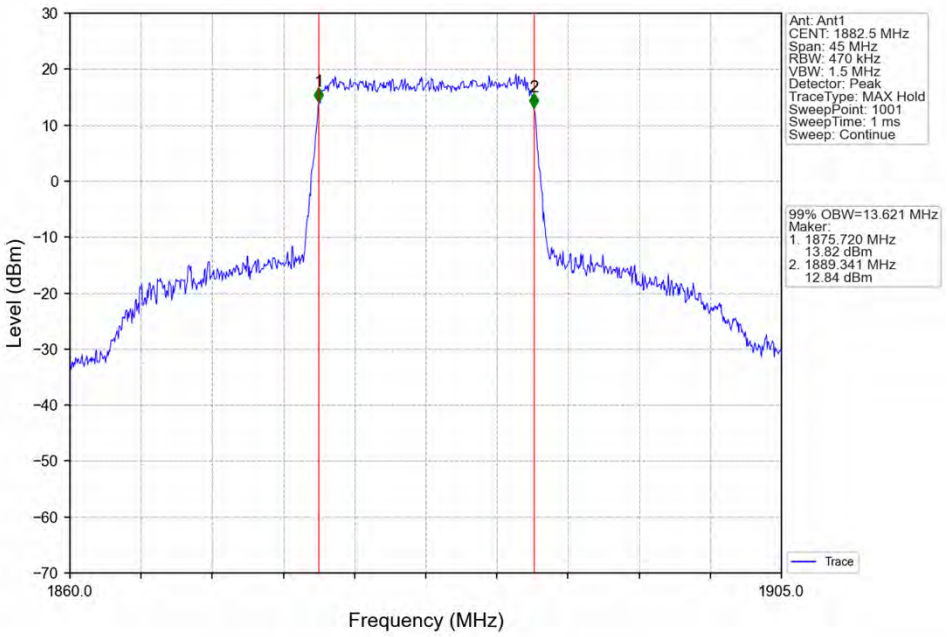
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



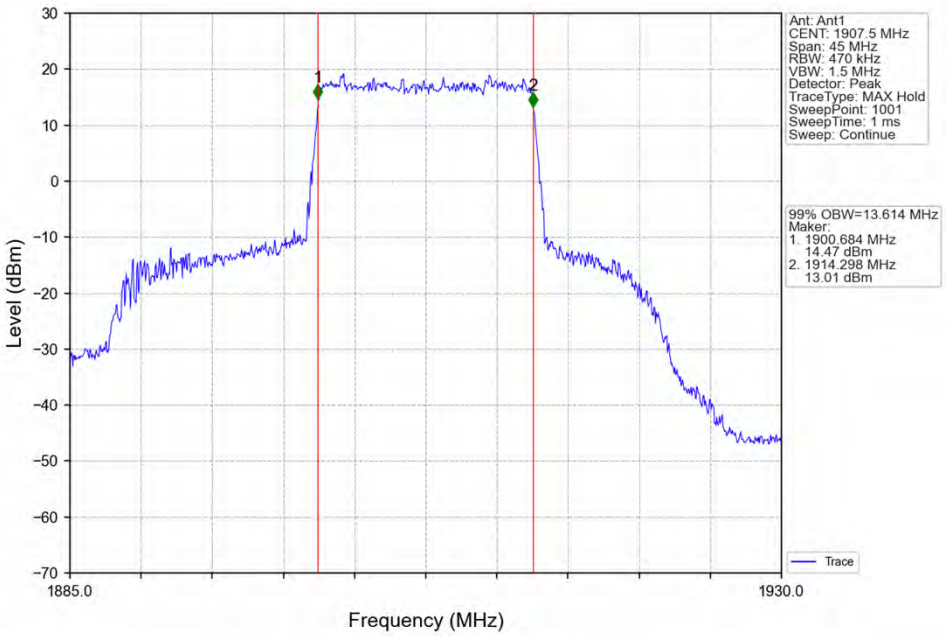
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



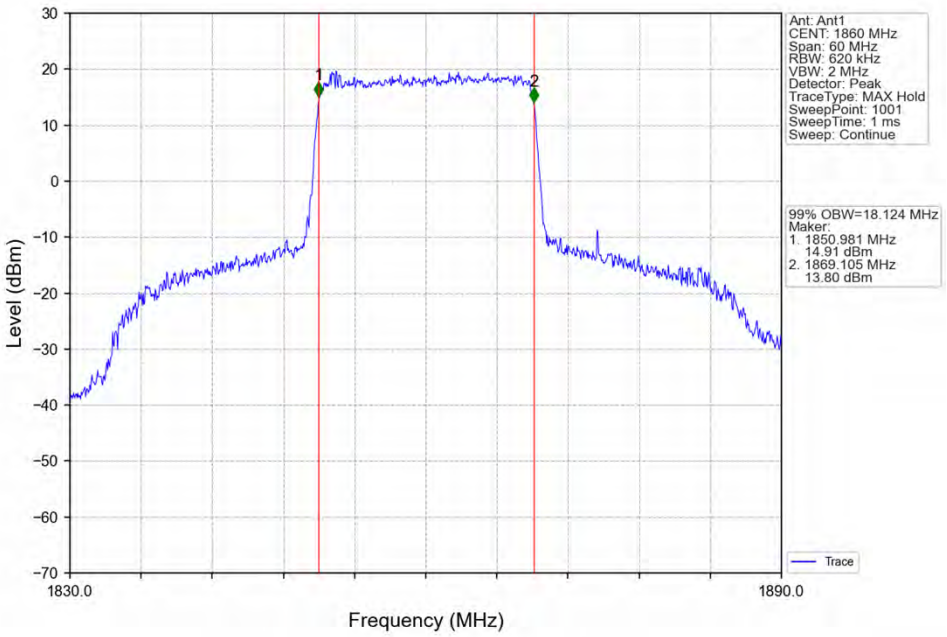
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



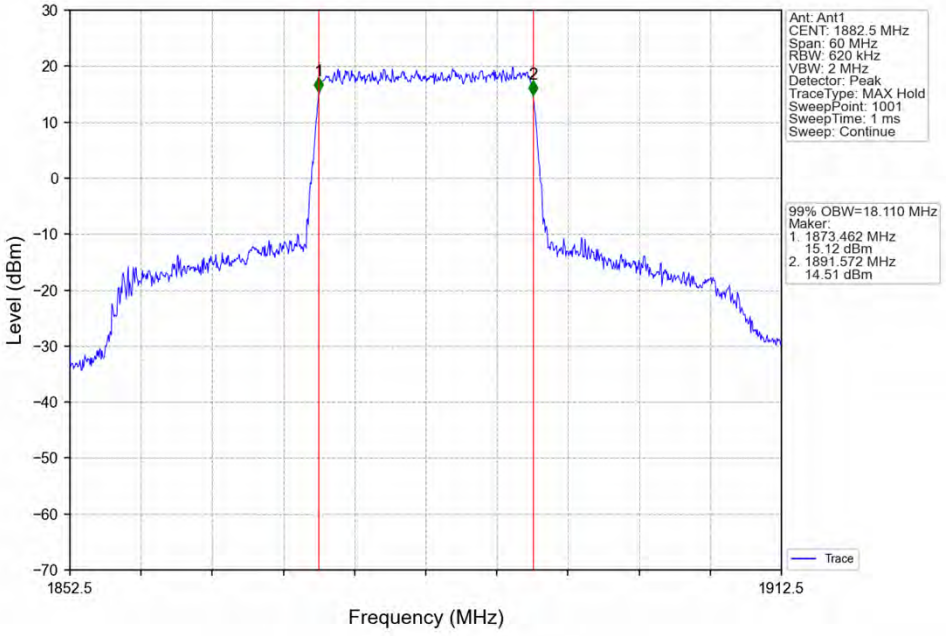
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



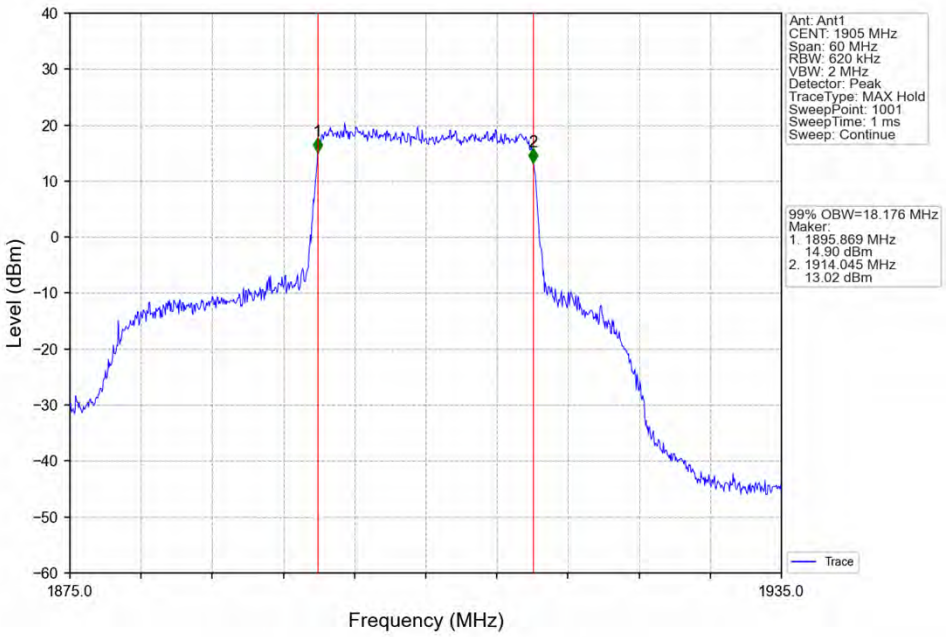
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



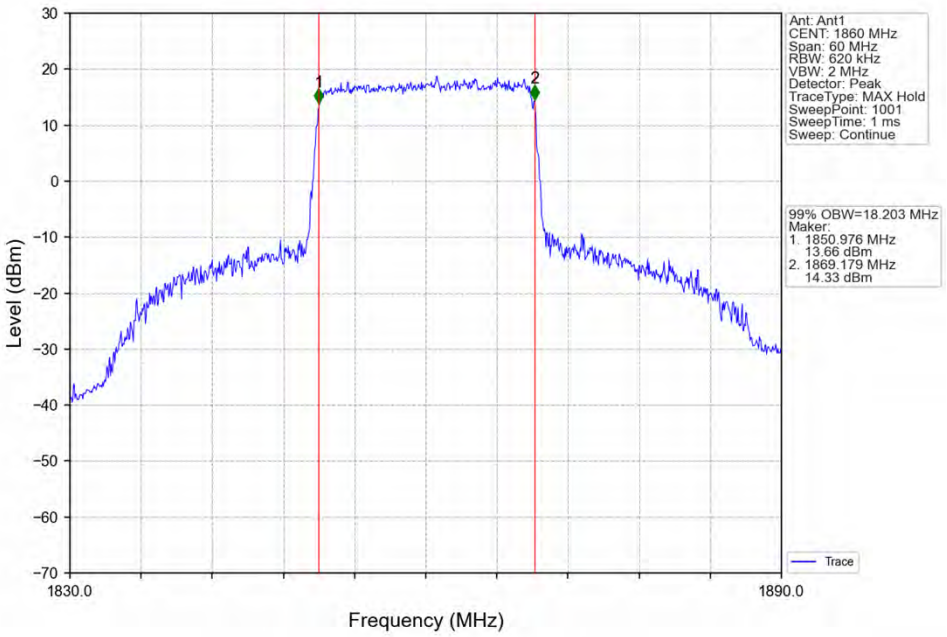
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



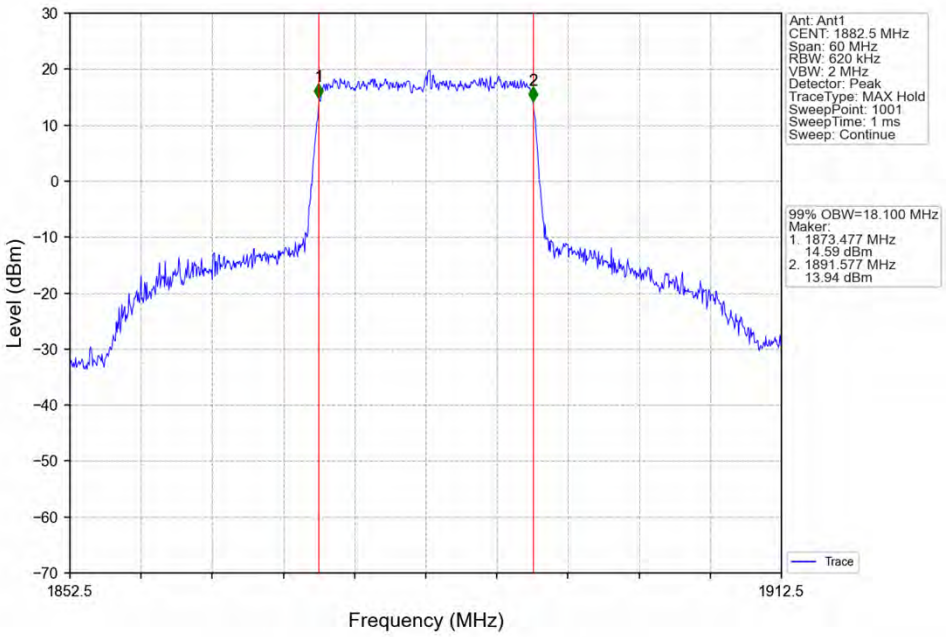
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



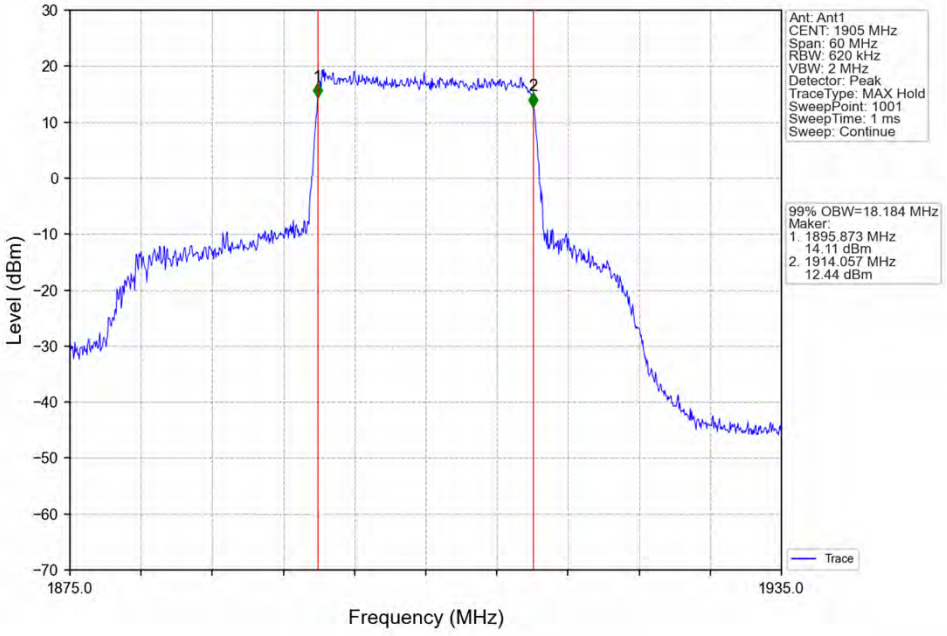
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



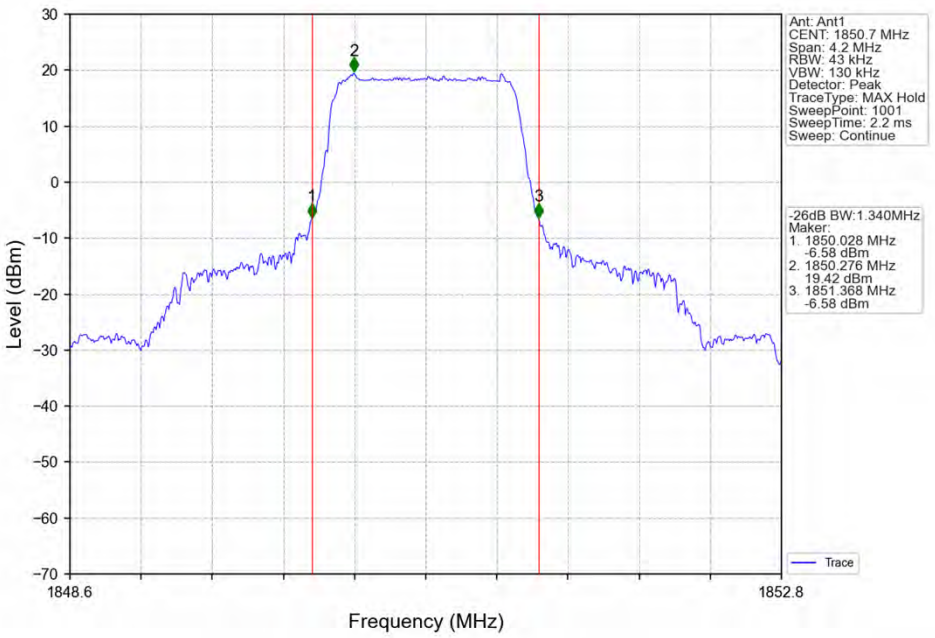
4.2 Band25_XDB

4.2.1 Test Result

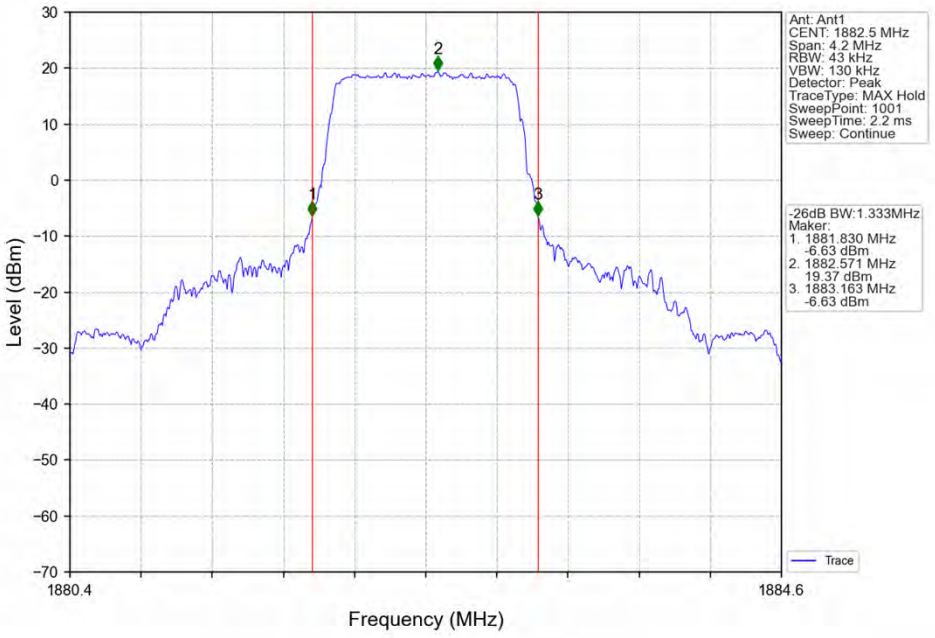
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.340	Pass
		1882.5	6	0	1.333	Pass
		1914.3	6	0	1.636	Pass
	16QAM	1850.7	6	0	1.320	Pass
		1882.5	6	0	1.310	Pass
		1914.3	6	0	1.336	Pass
3	QPSK	1851.5	15	0	3.037	Pass
		1882.5	15	0	3.012	Pass
		1913.5	15	0	3.110	Pass
	16QAM	1851.5	15	0	3.011	Pass
		1882.5	15	0	3.024	Pass
		1913.5	15	0	3.617	Pass
5	QPSK	1852.5	25	0	5.033	Pass
		1882.5	25	0	5.077	Pass
		1912.5	25	0	5.091	Pass
	16QAM	1852.5	25	0	5.059	Pass
		1882.5	25	0	5.035	Pass
		1912.5	25	0	5.312	Pass
10	QPSK	1855	50	0	10.128	Pass
		1882.5	50	0	9.990	Pass
		1910	50	0	10.004	Pass
	16QAM	1855	50	0	9.953	Pass
		1882.5	50	0	9.947	Pass
		1910	50	0	9.982	Pass
15	QPSK	1857.5	75	0	15.581	Pass
		1882.5	75	0	14.971	Pass
		1907.5	75	0	15.092	Pass
	16QAM	1857.5	75	0	14.994	Pass
		1882.5	75	0	15.002	Pass
		1907.5	75	0	14.991	Pass
20	QPSK	1860	100	0	19.836	Pass
		1882.5	100	0	19.731	Pass
		1905	100	0	20.262	Pass
	16QAM	1860	100	0	19.643	Pass
		1882.5	100	0	19.750	Pass
		1905	100	0	19.698	Pass

4.2.2 Test Graph

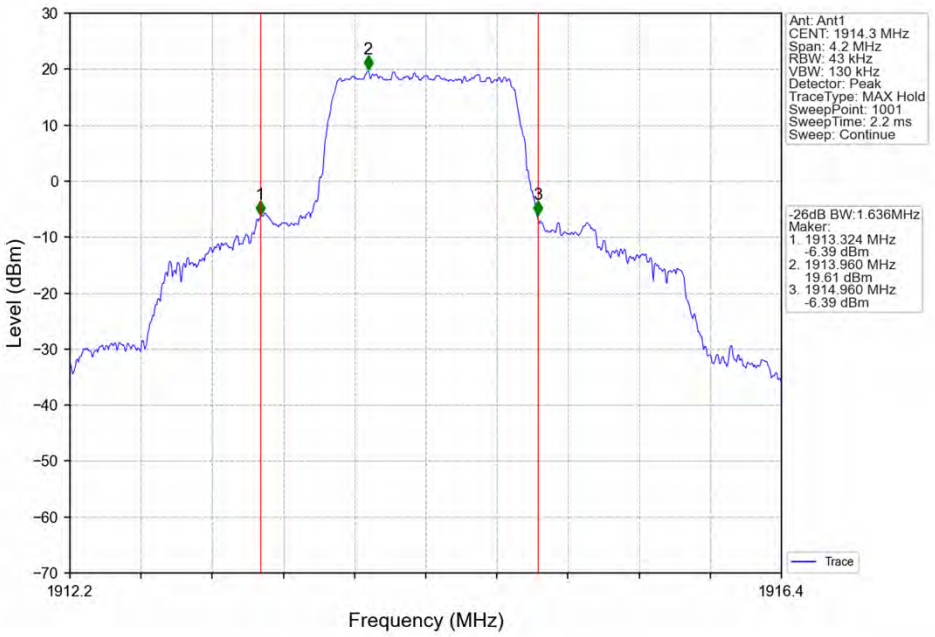
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



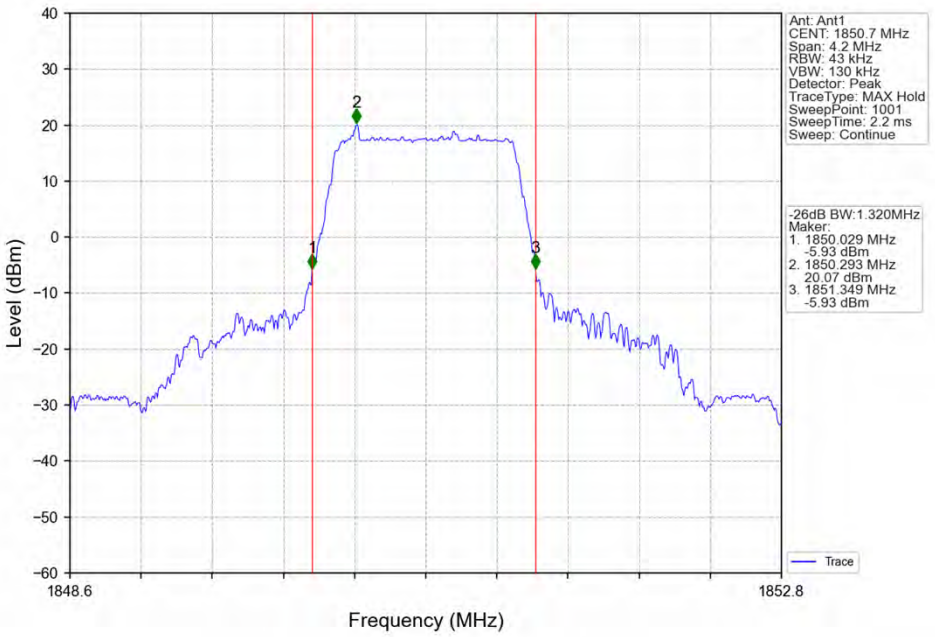
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



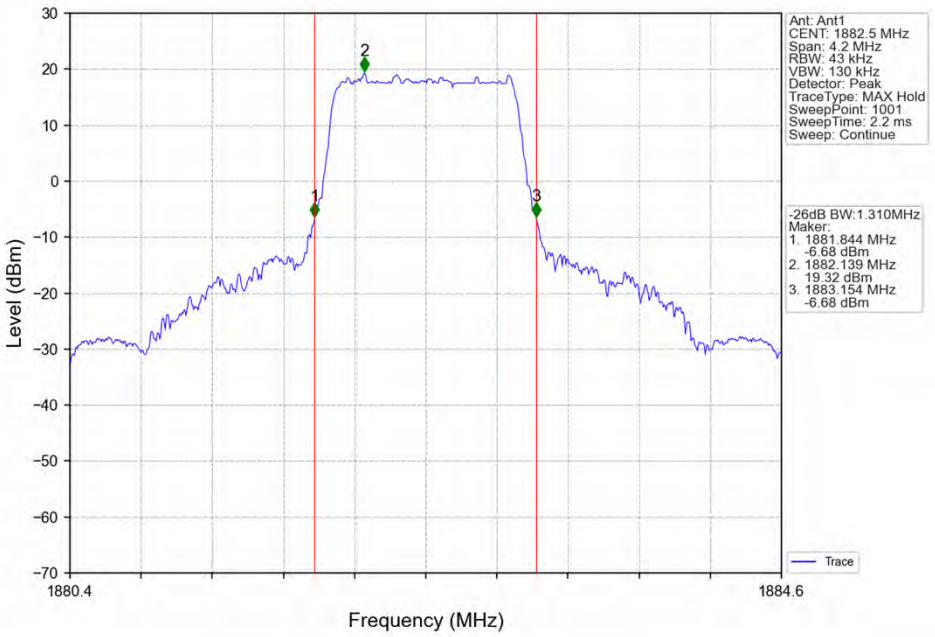
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



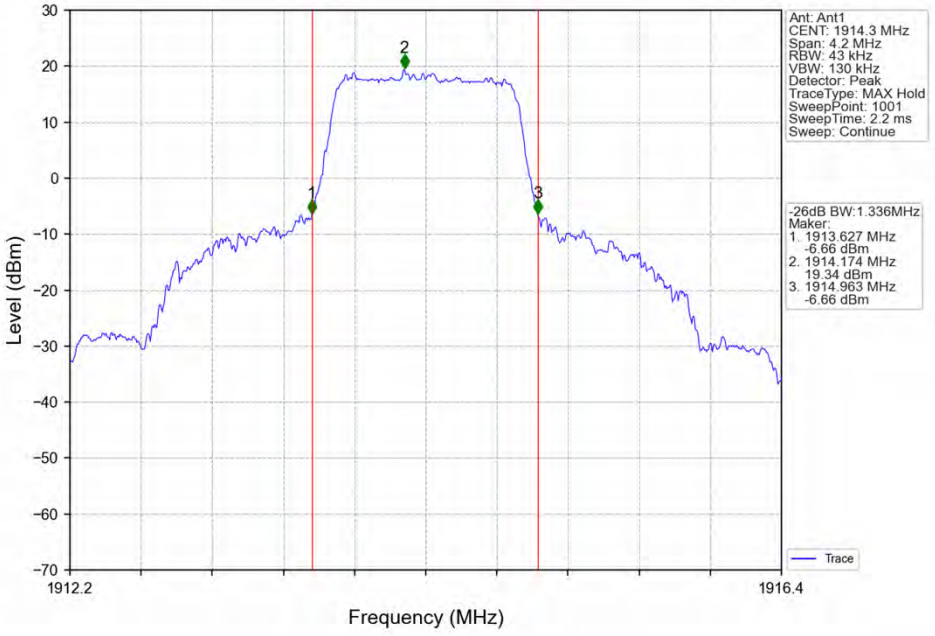
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



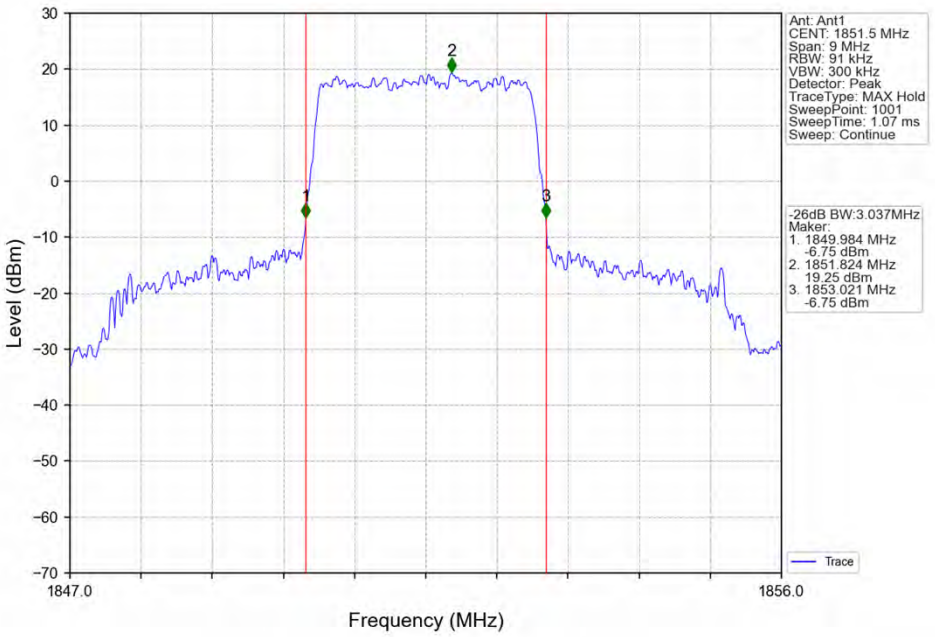
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



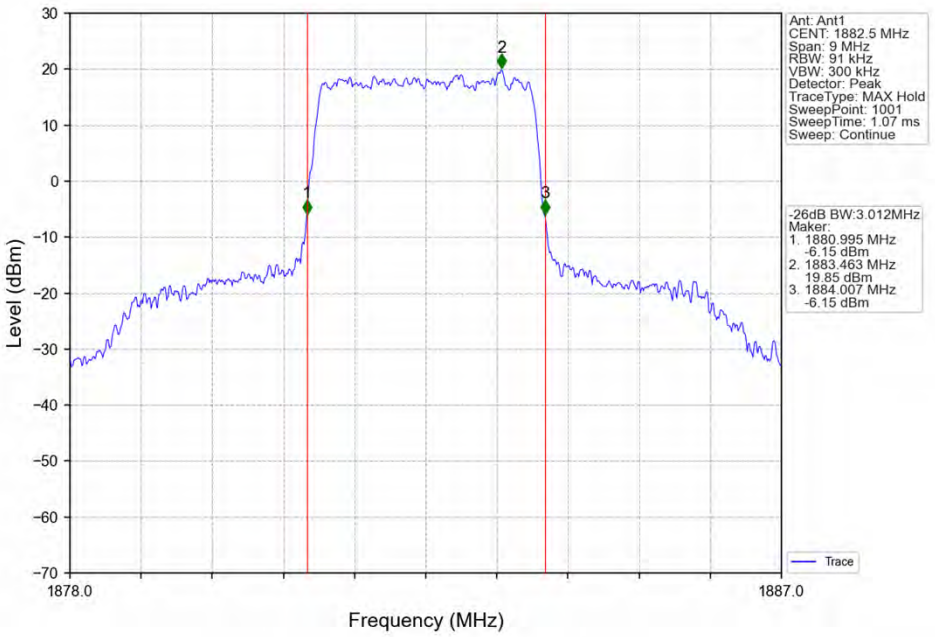
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



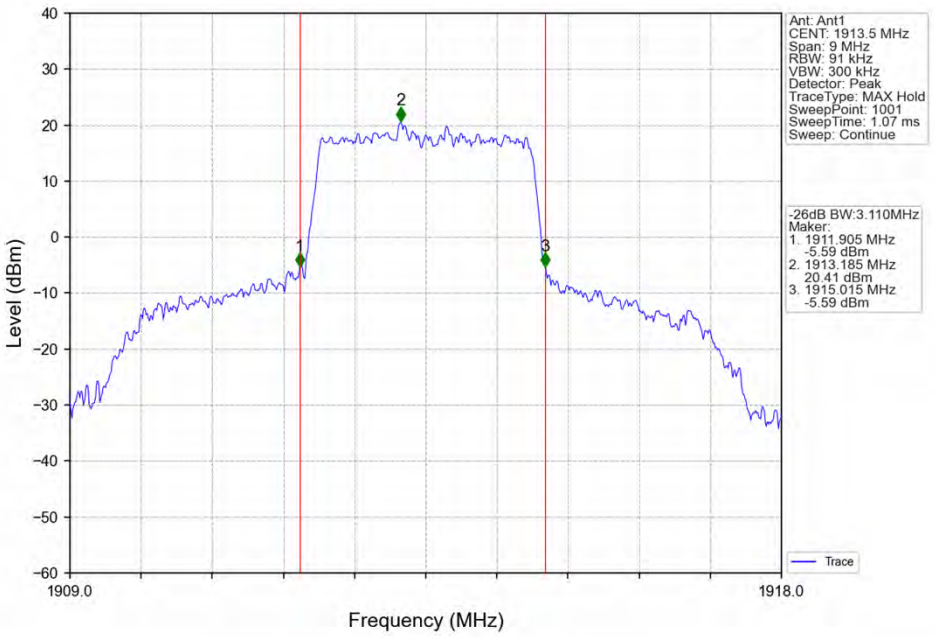
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



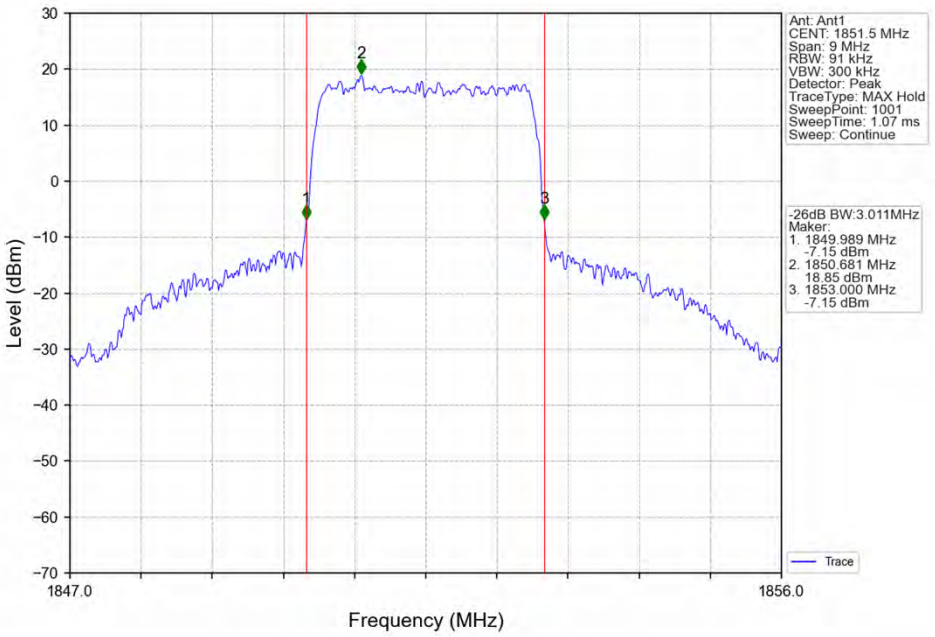
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



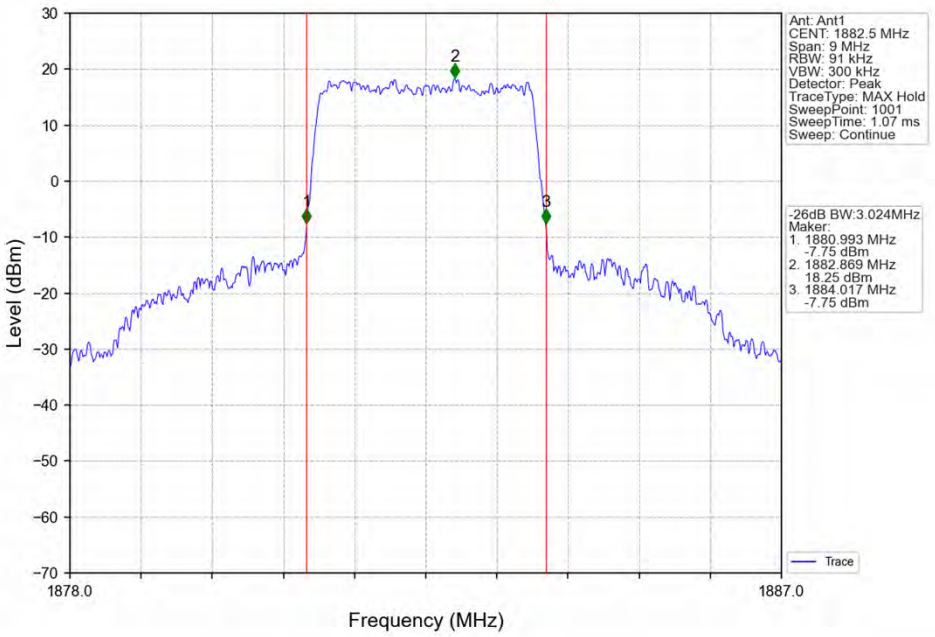
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



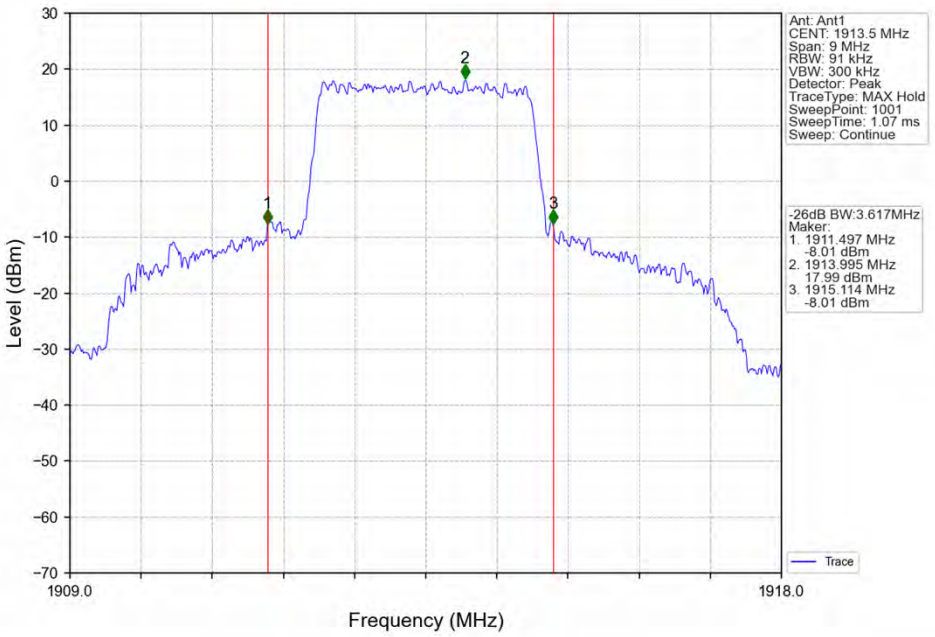
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



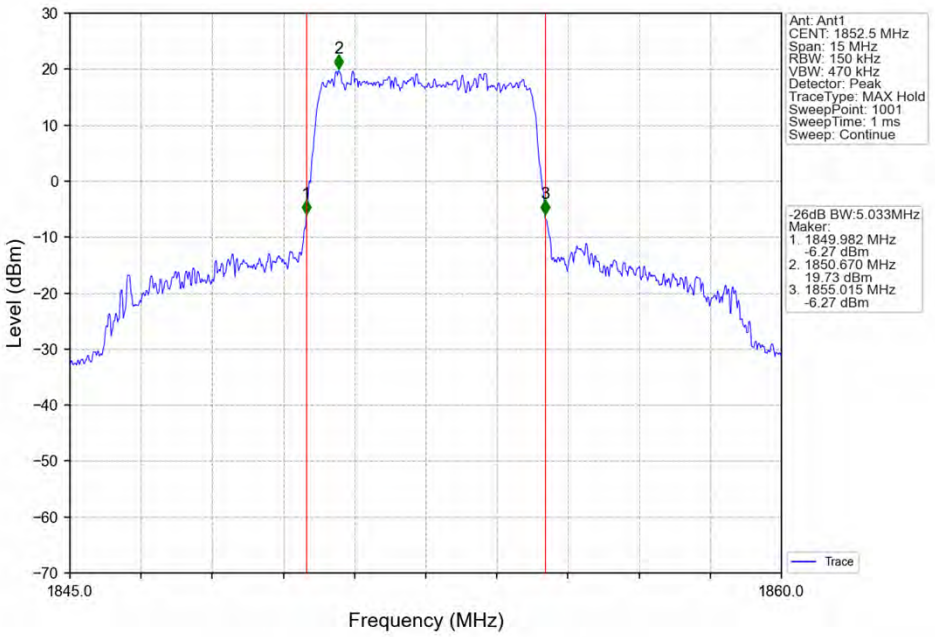
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



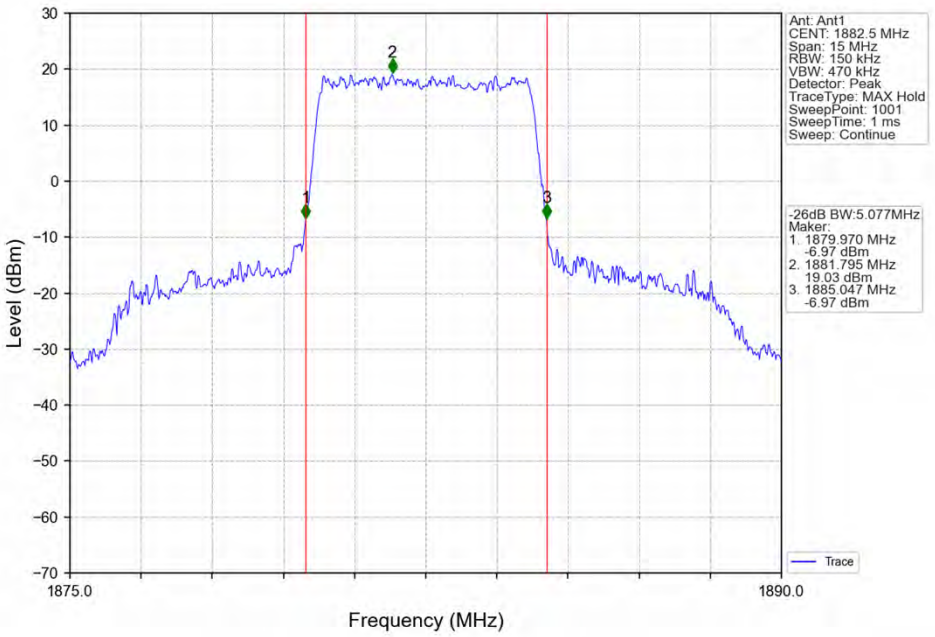
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



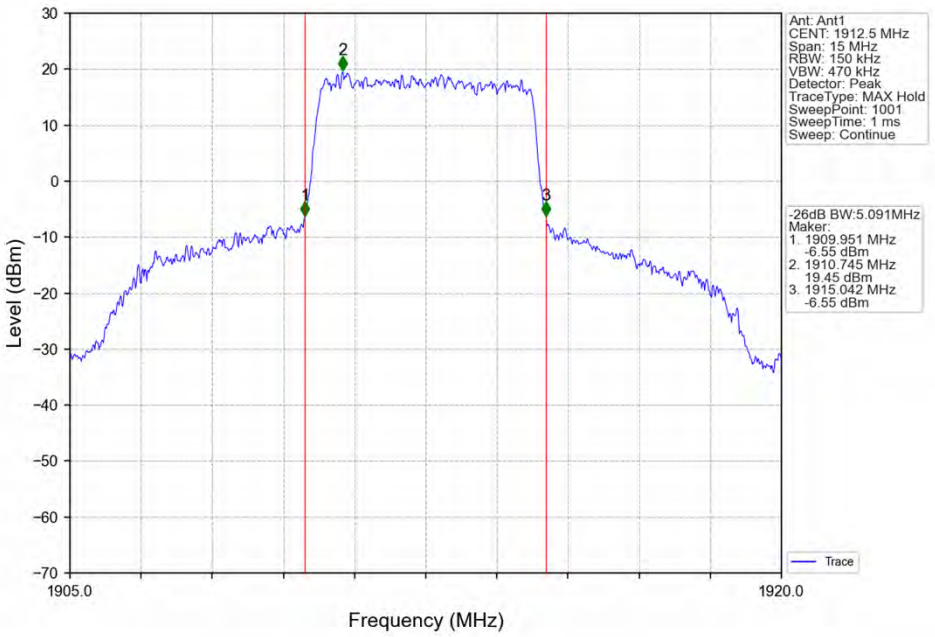
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



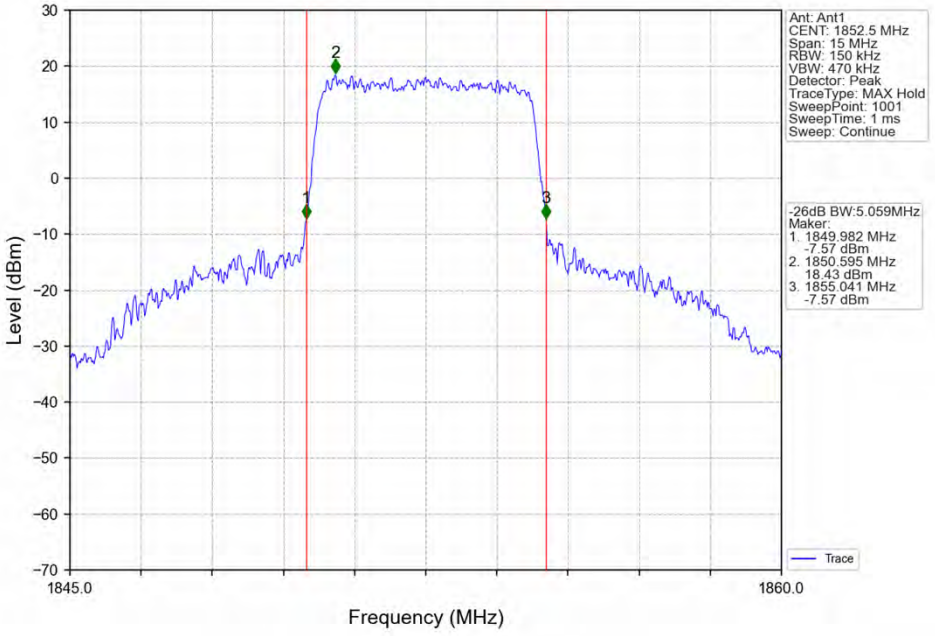
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



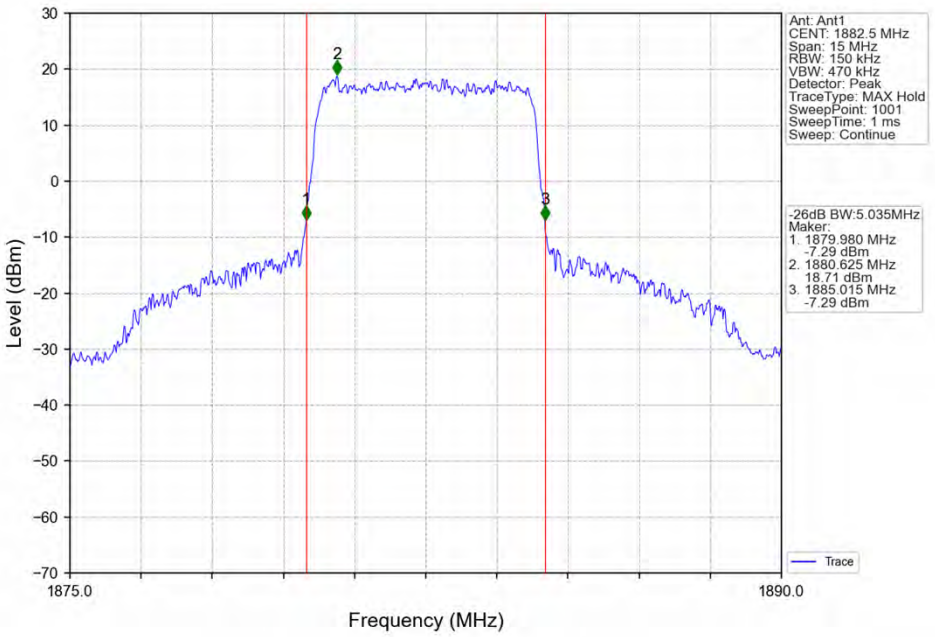
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



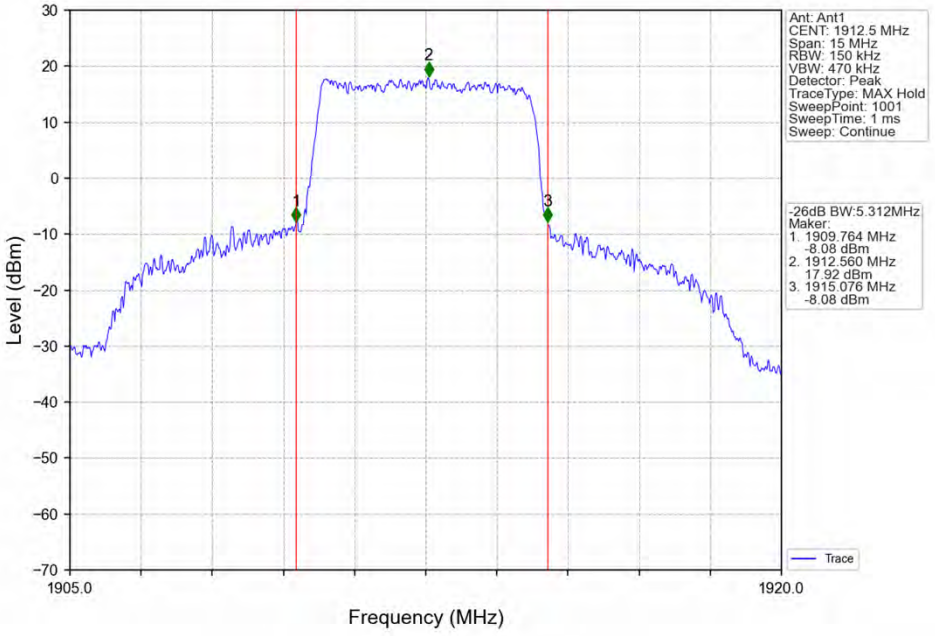
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



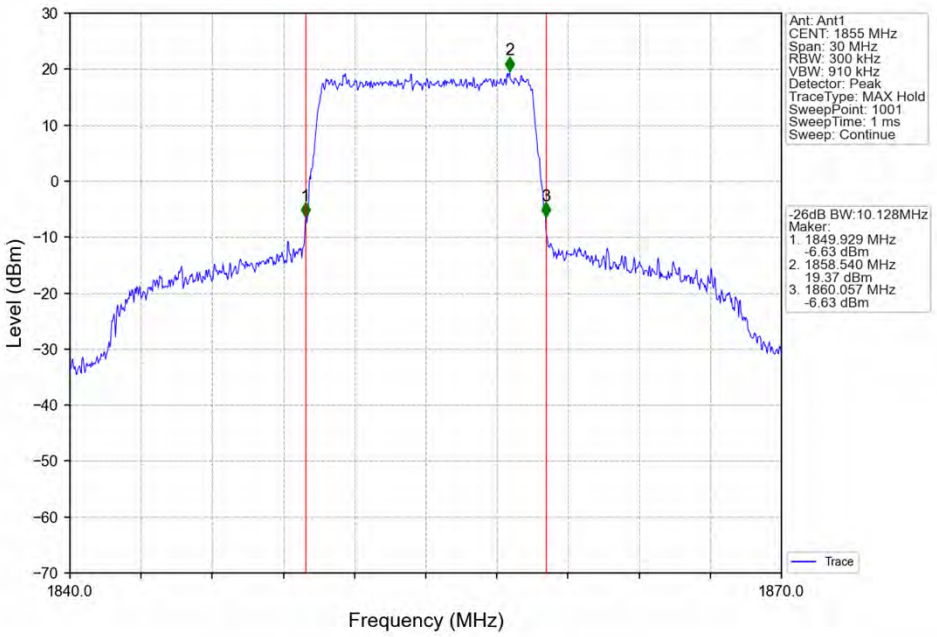
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



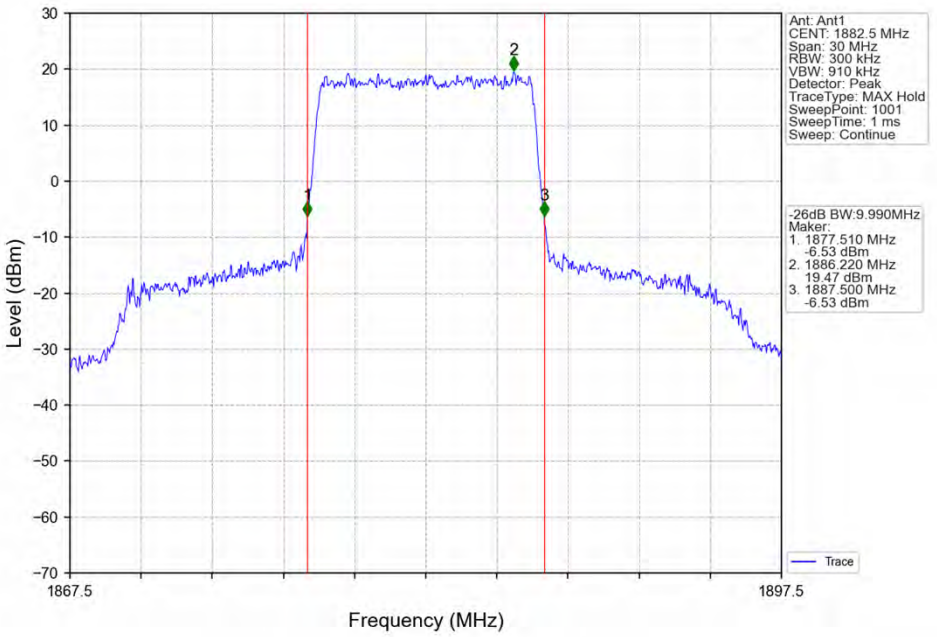
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



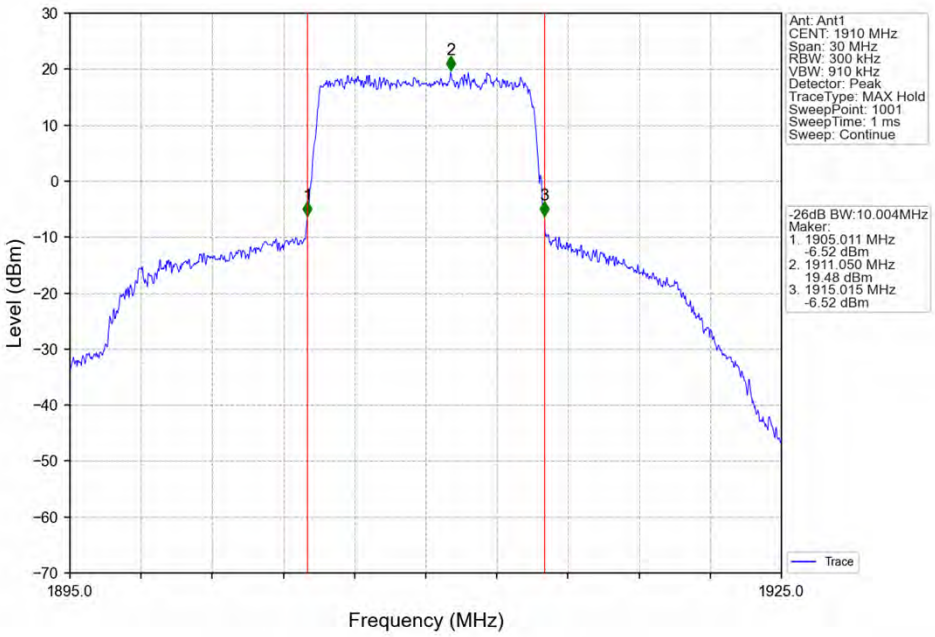
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



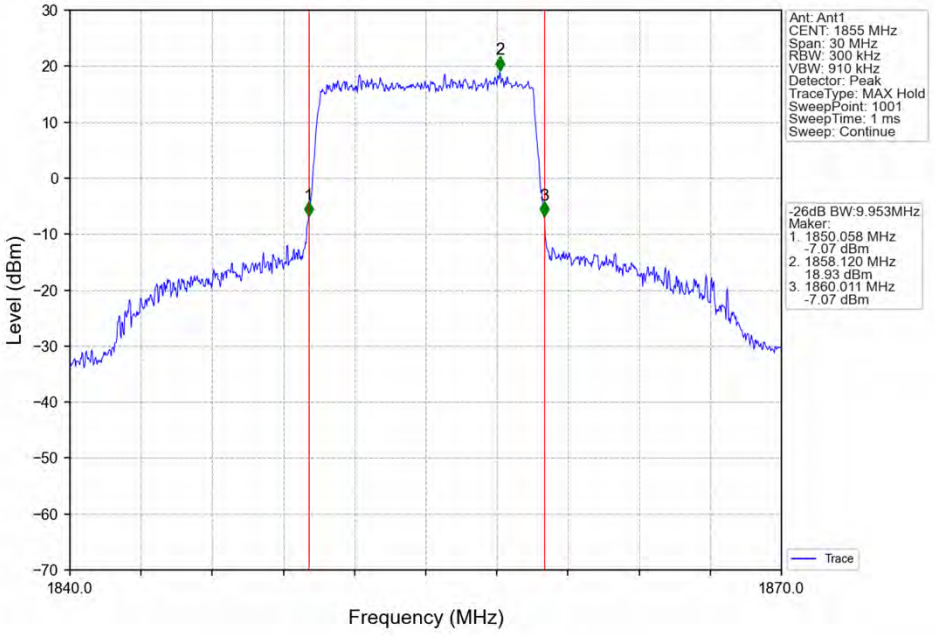
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



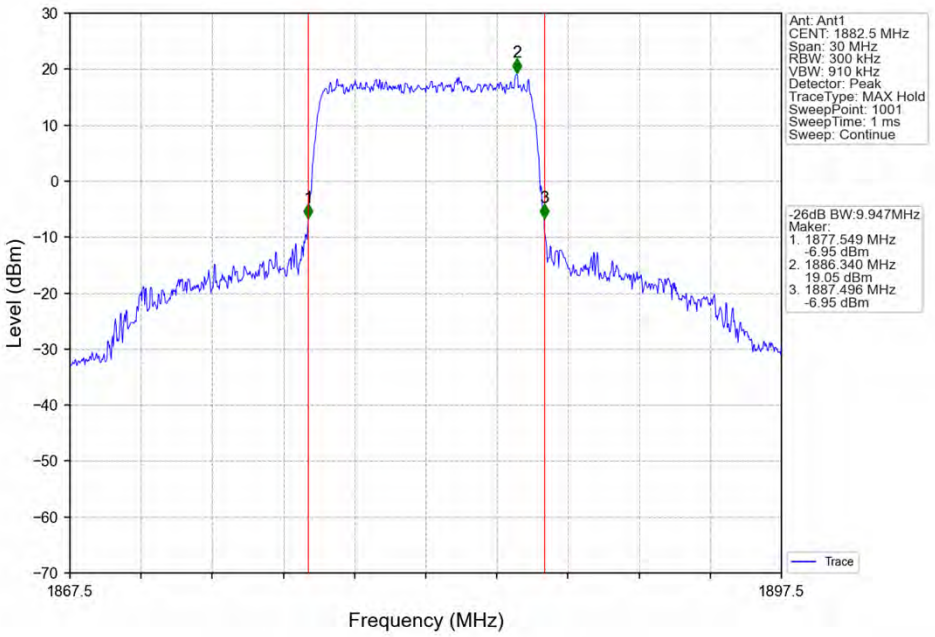
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



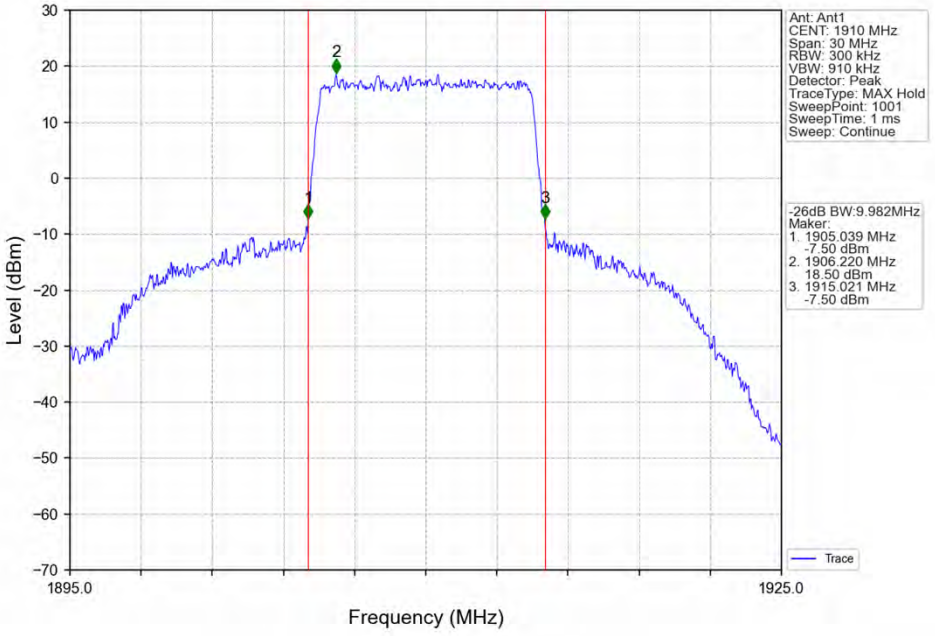
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



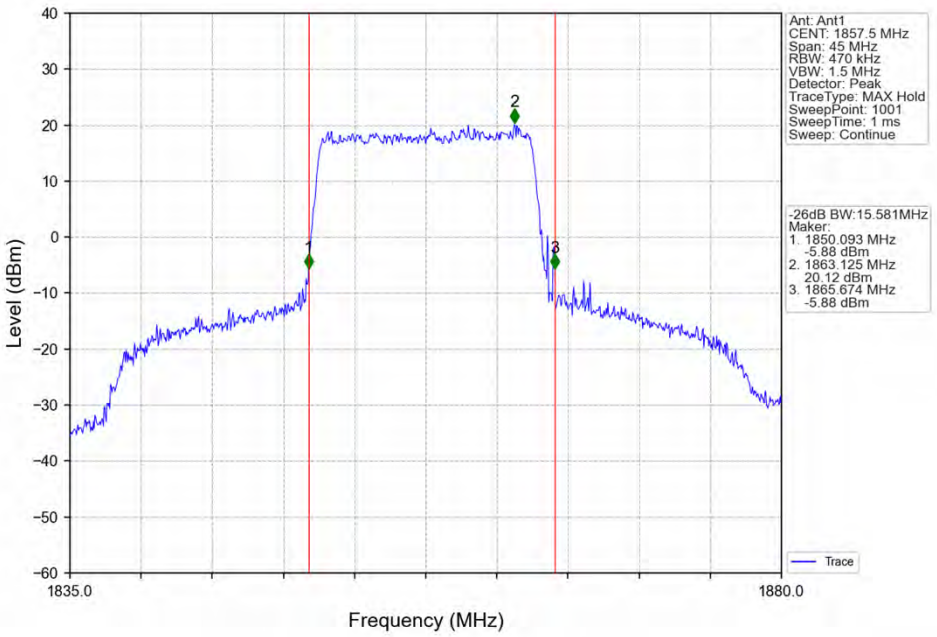
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



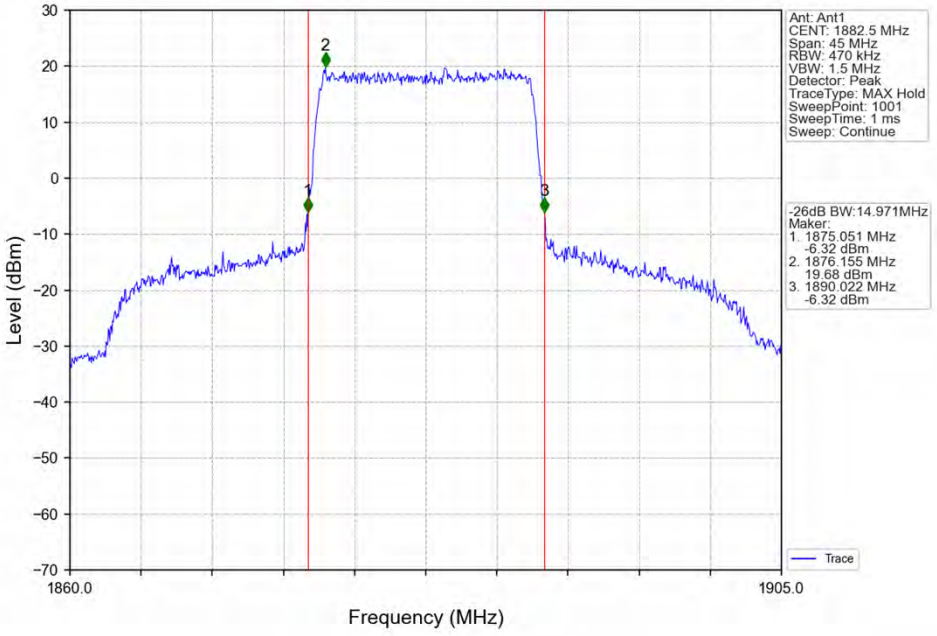
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



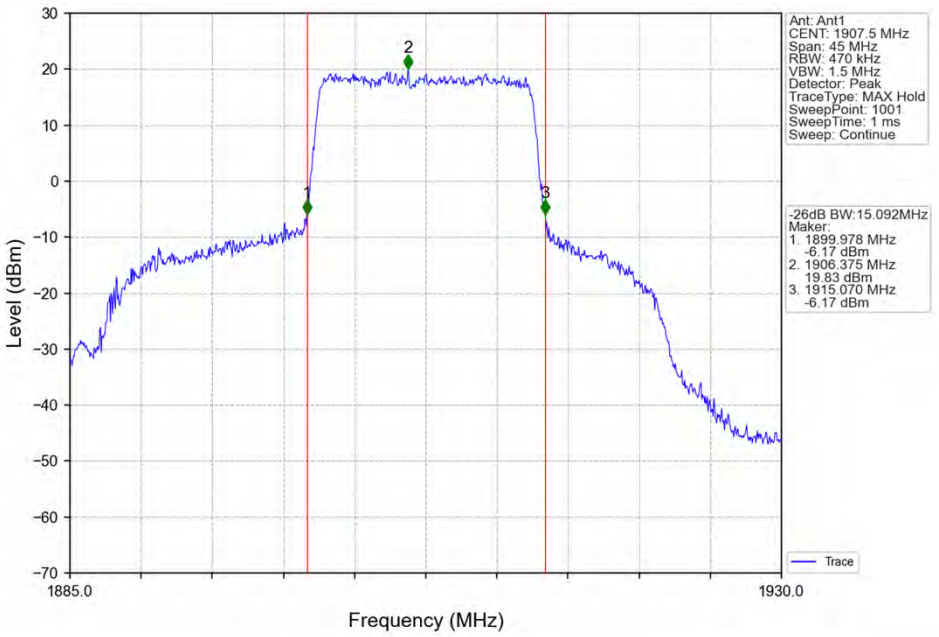
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



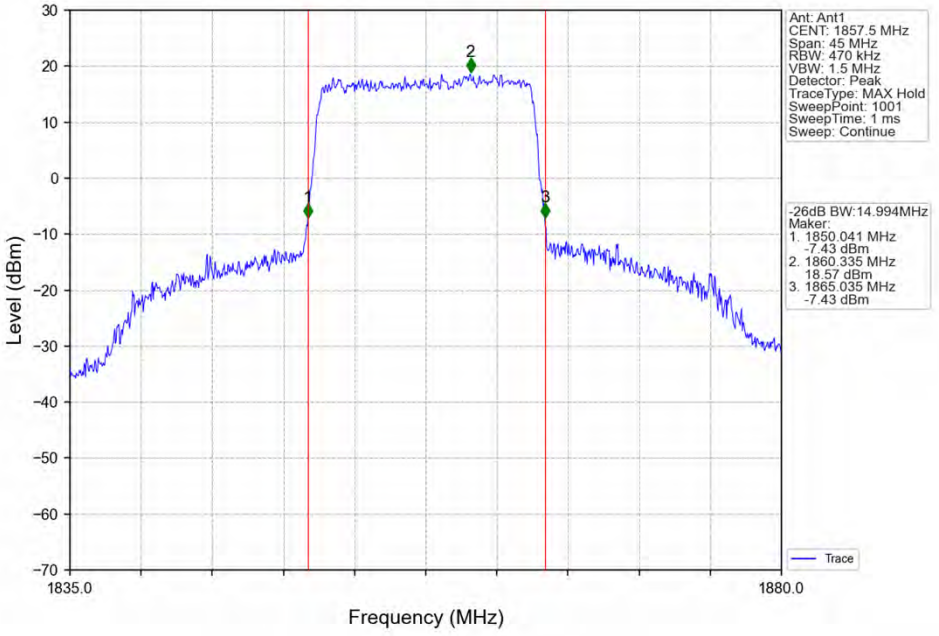
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



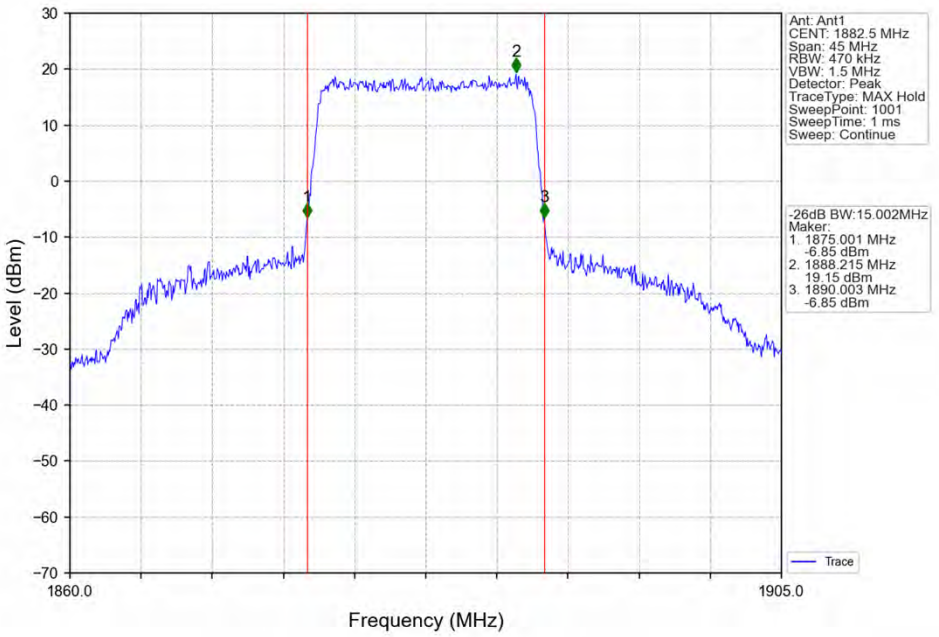
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



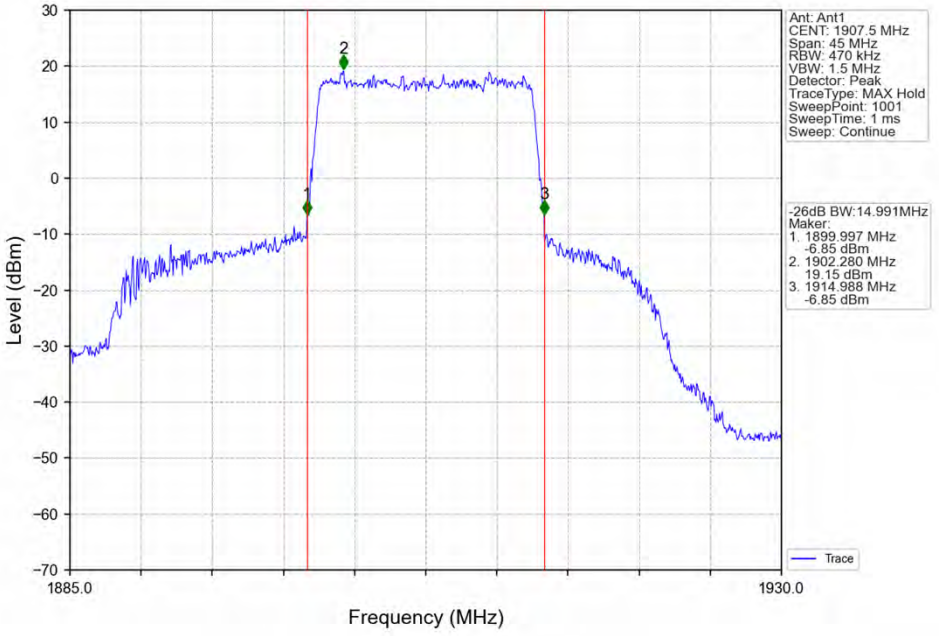
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



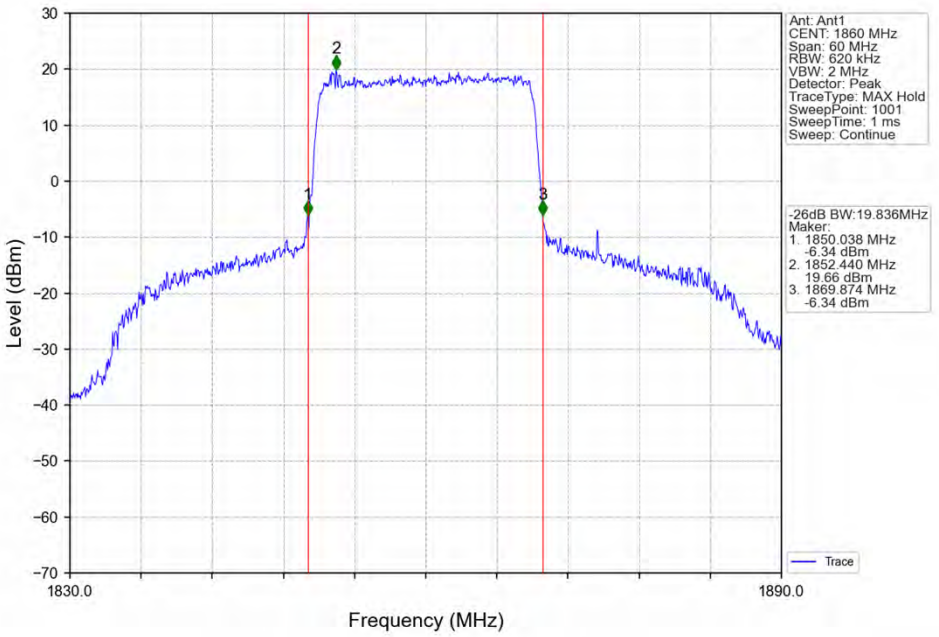
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



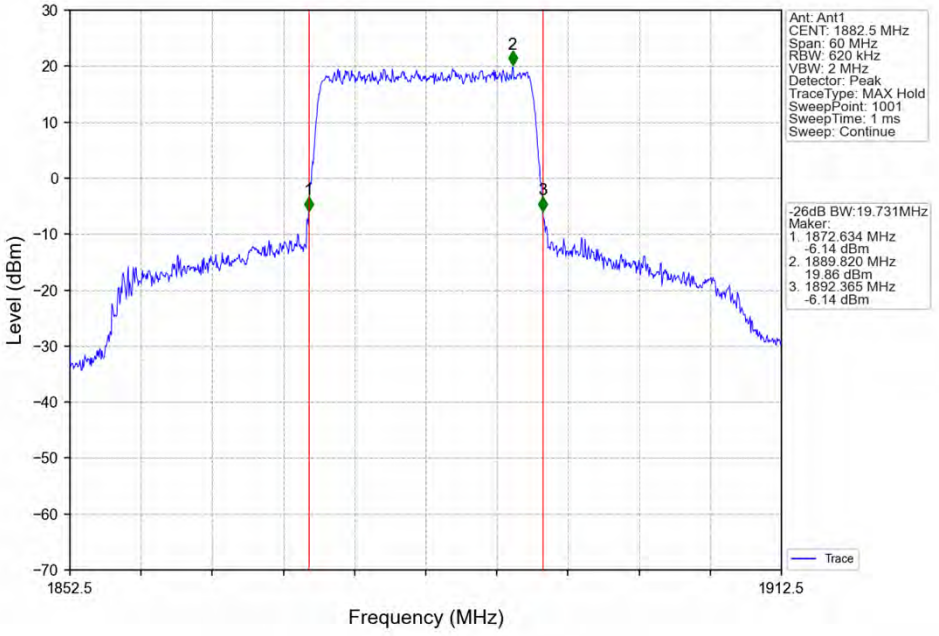
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



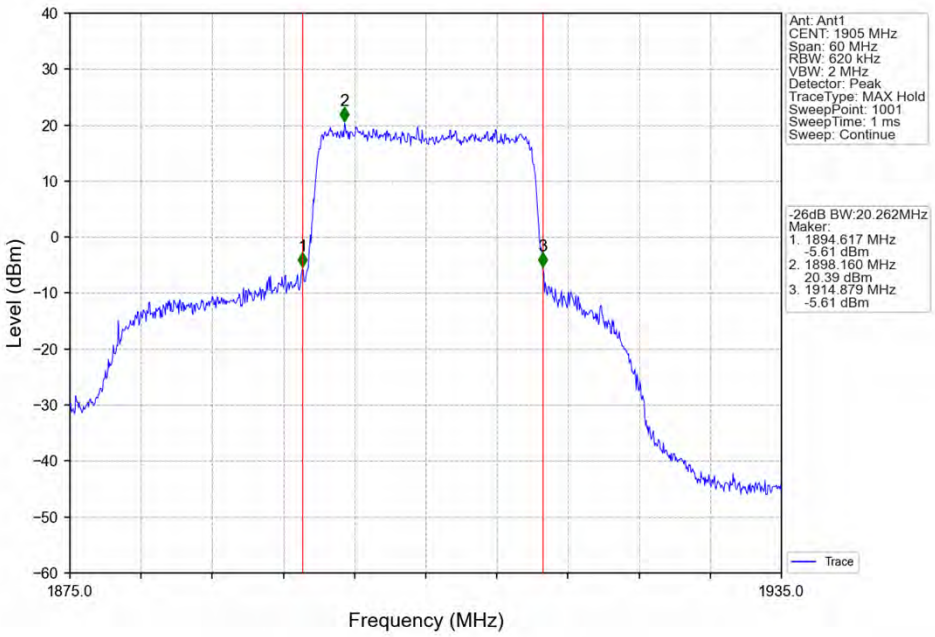
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



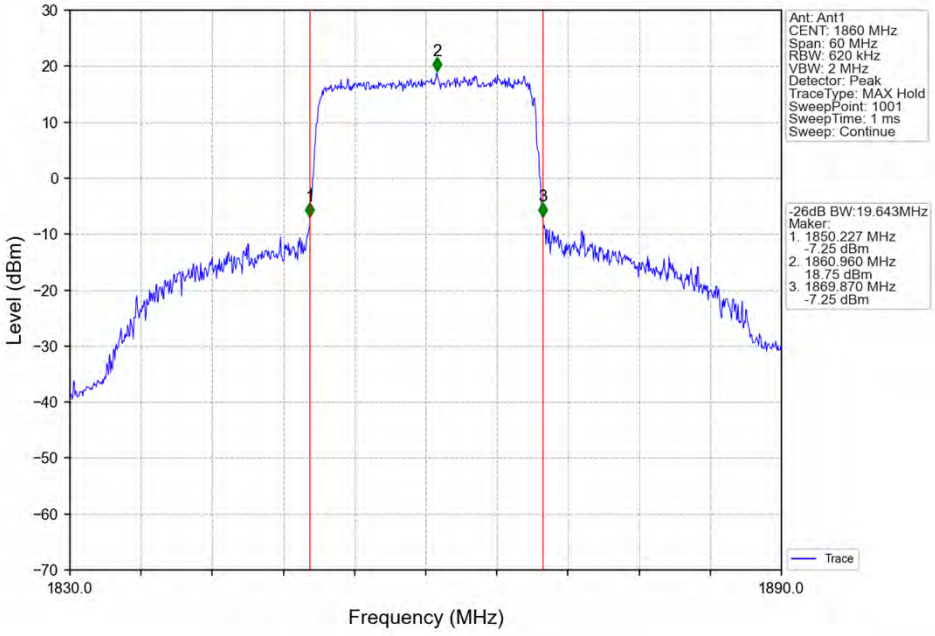
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



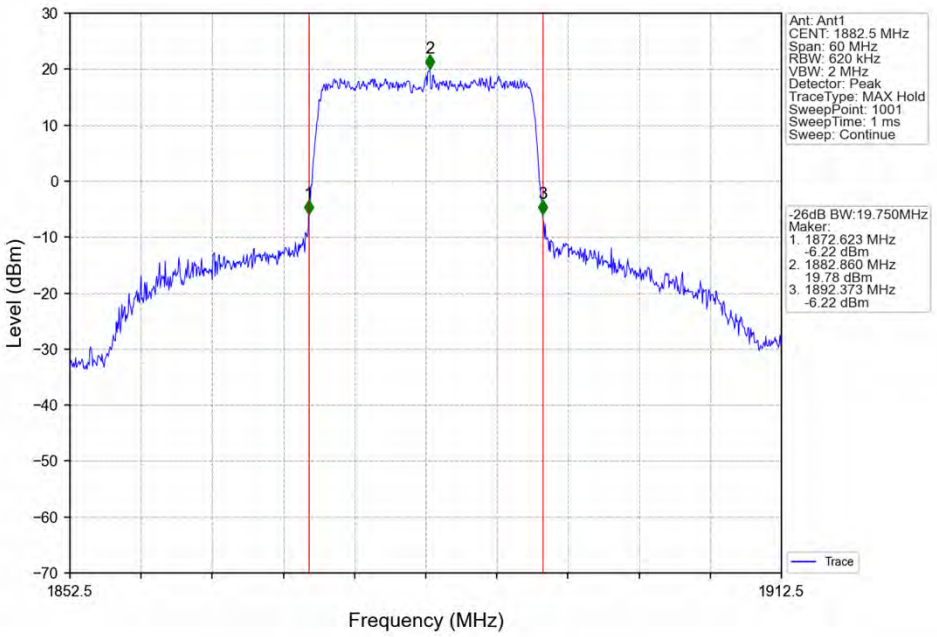
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



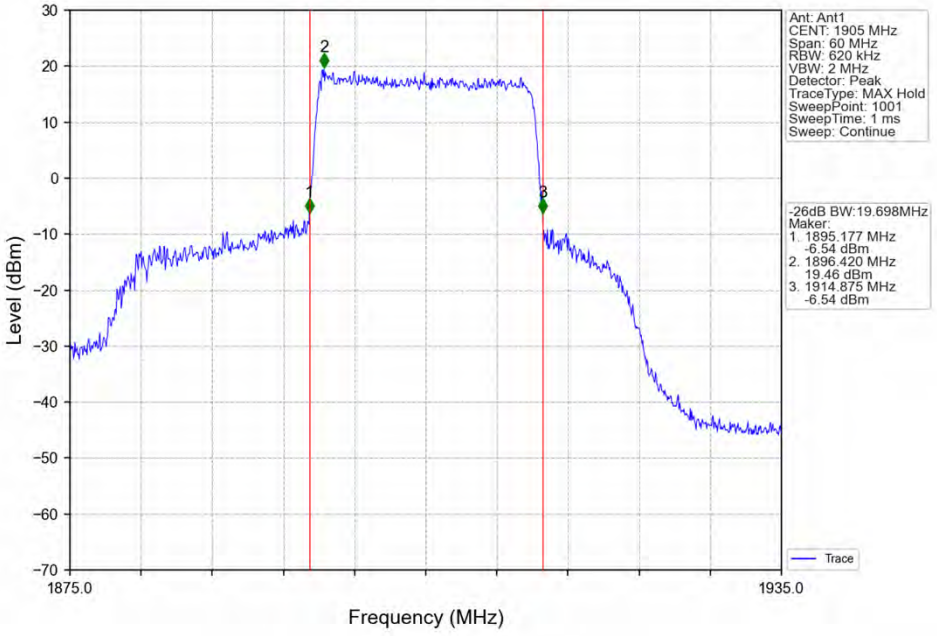
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Peak-Average Ratio

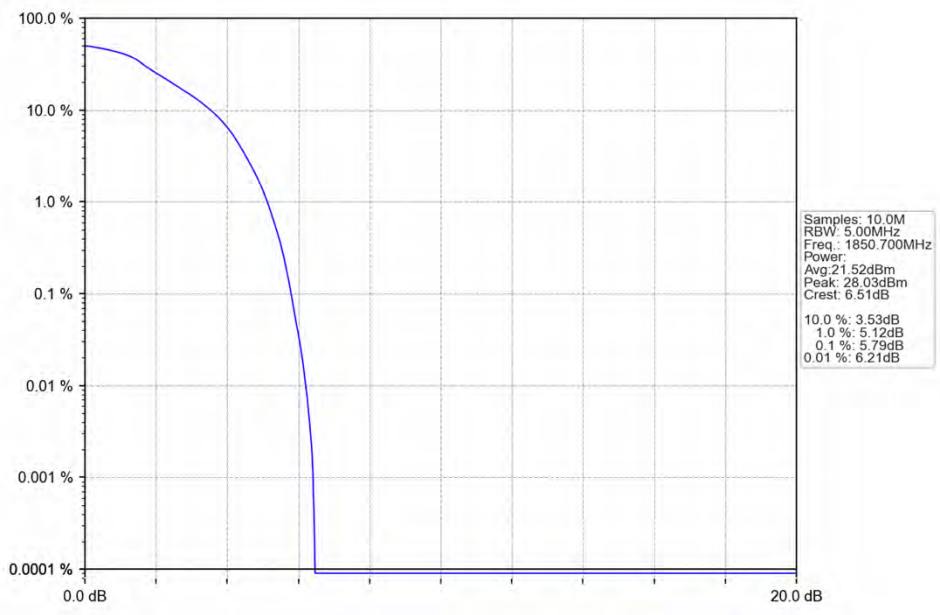
5.1 B25_1.4MHz

5.1.1 Test Result

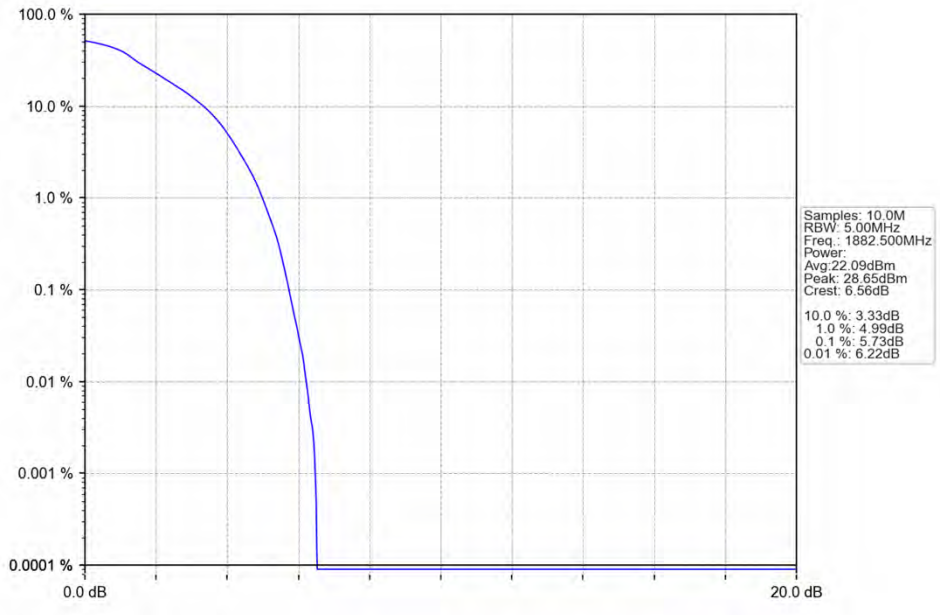
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.79	<=13	Pass
	1882.5	6	0	5.73	<=13	Pass
	1914.3	6	0	4.77	<=13	Pass
16QAM	1850.7	6	0	8.39	<=13	Pass
	1882.5	6	0	8.41	<=13	Pass
	1914.3	6	0	8.41	<=13	Pass

5.1.2 Test Graph

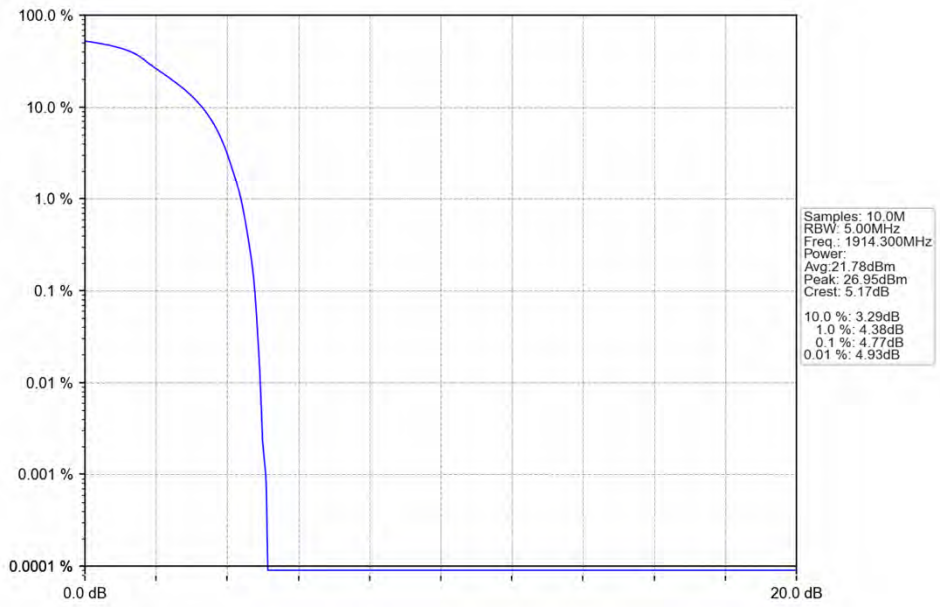
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



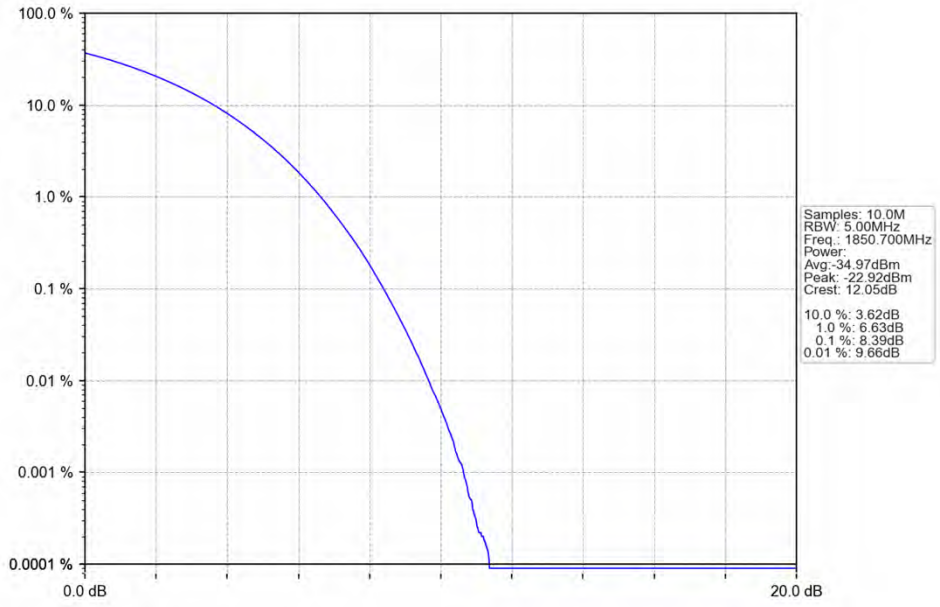
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



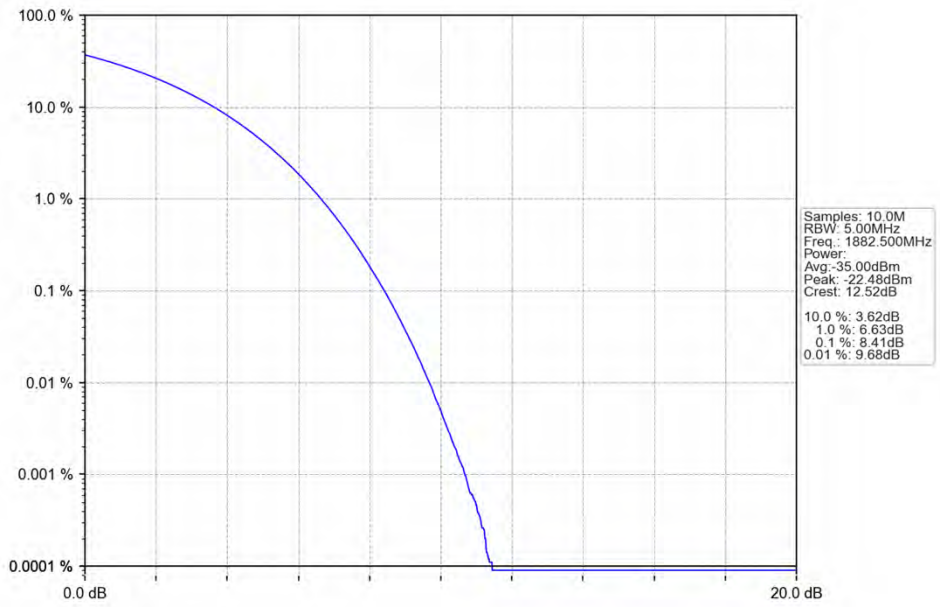
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



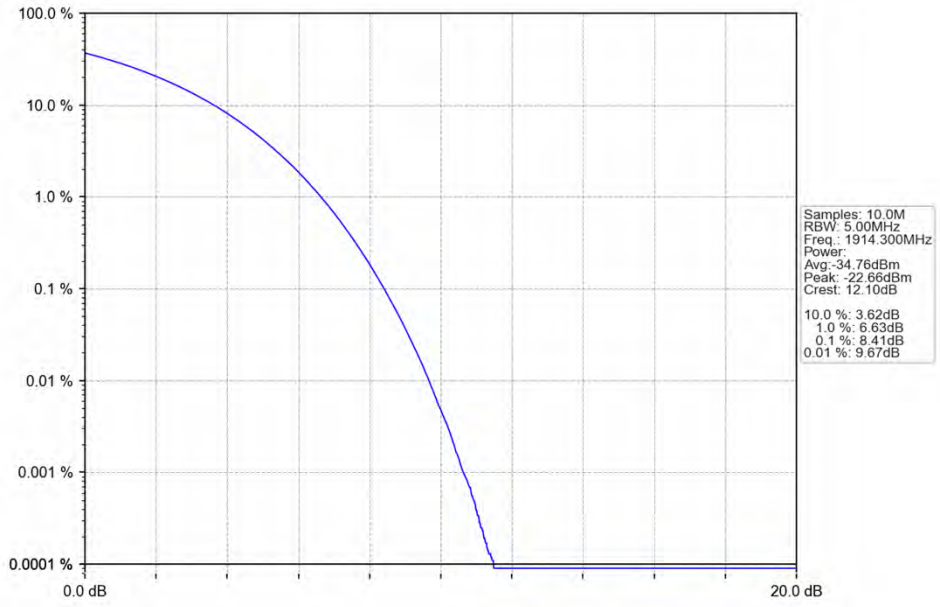
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



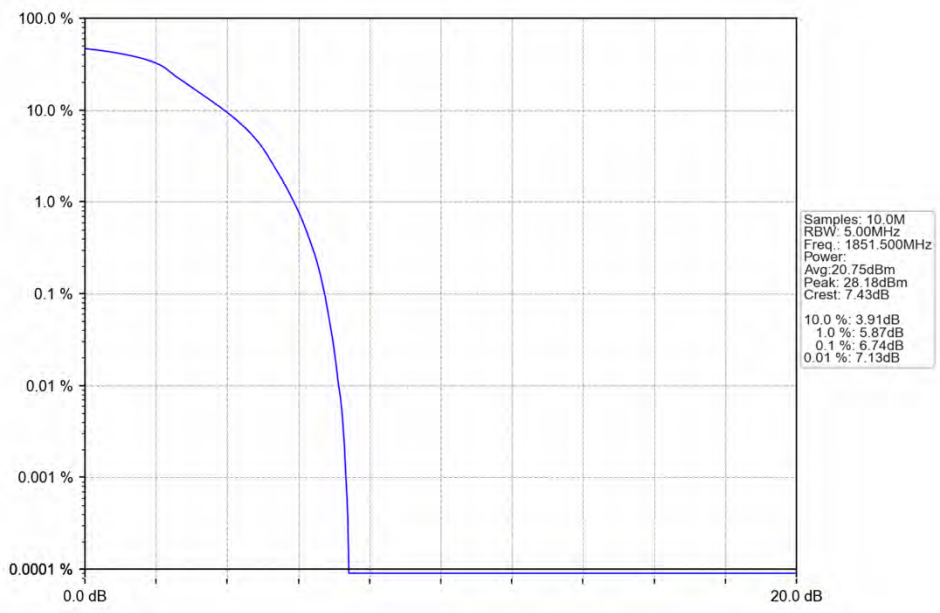
5.2 B25_3MHz

5.2.1 Test Result

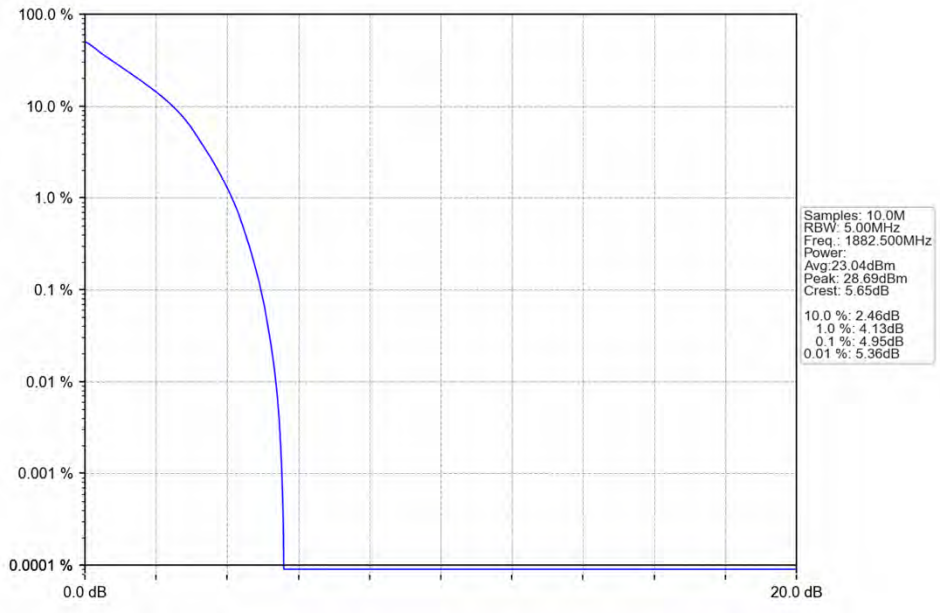
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	6.74	<=13	Pass
	1882.5	15	0	4.95	<=13	Pass
	1913.5	15	0	5.54	<=13	Pass
16QAM	1851.5	15	0	9.44	<=13	Pass
	1882.5	15	0	8.41	<=13	Pass
	1913.5	15	0	7.19	<=13	Pass

5.2.2 Test Graph

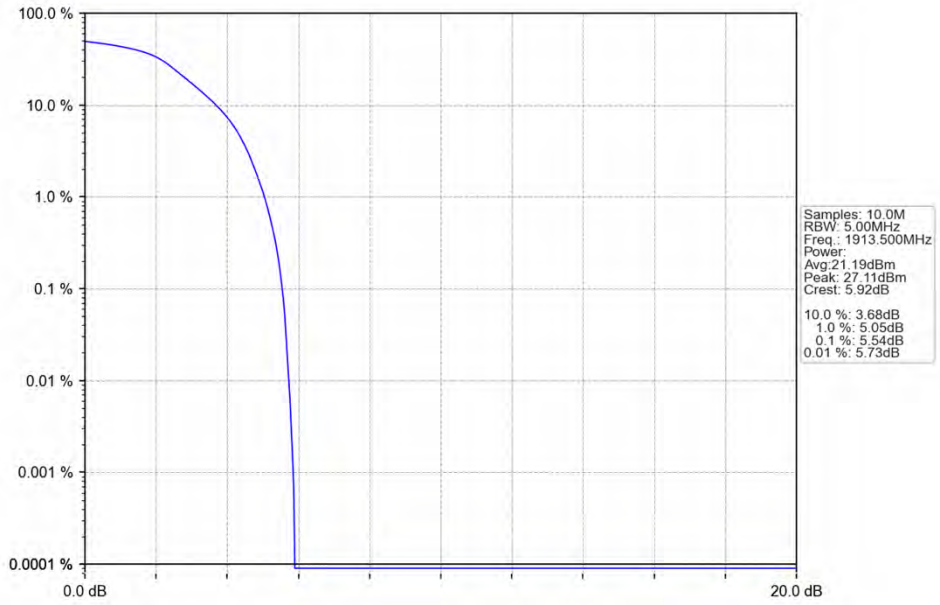
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



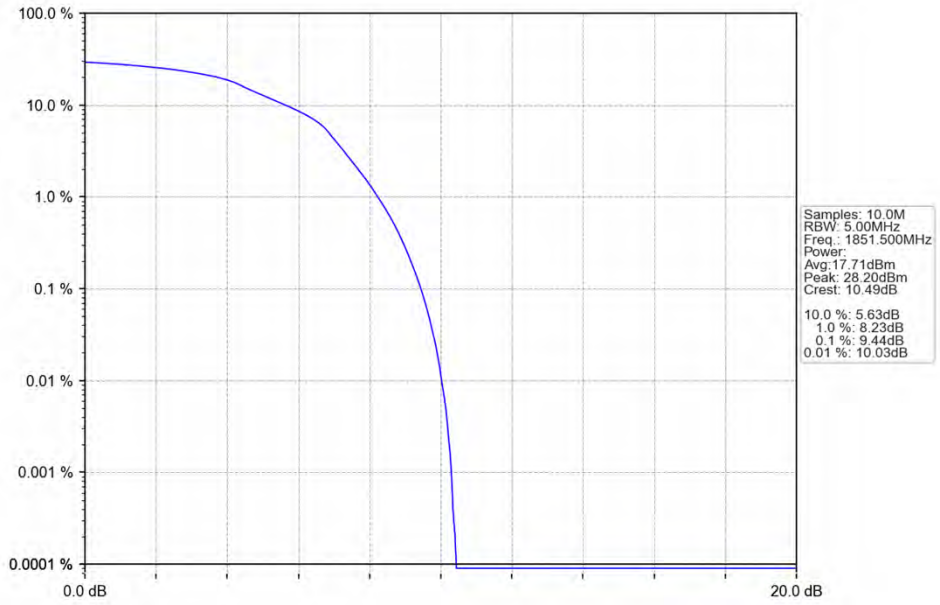
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



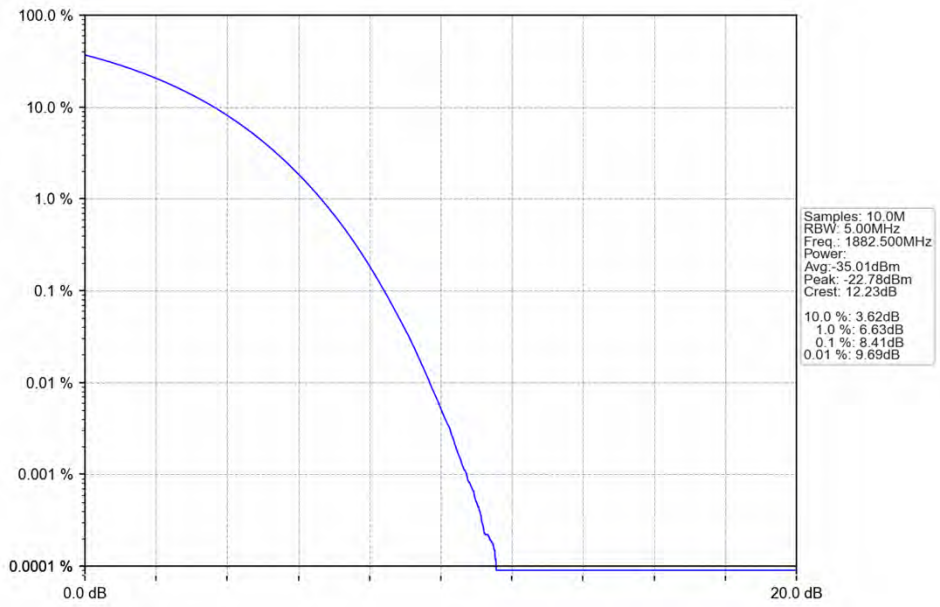
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



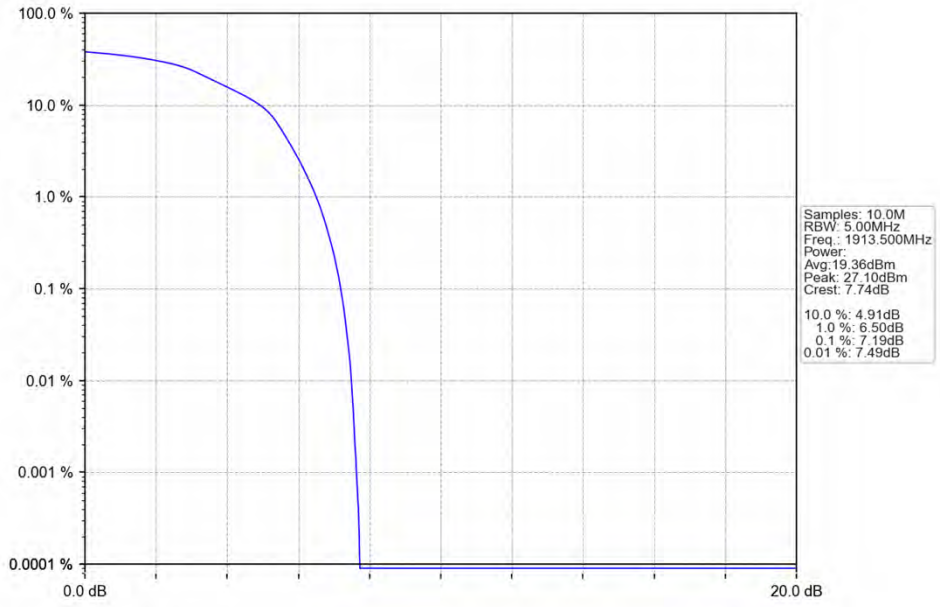
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



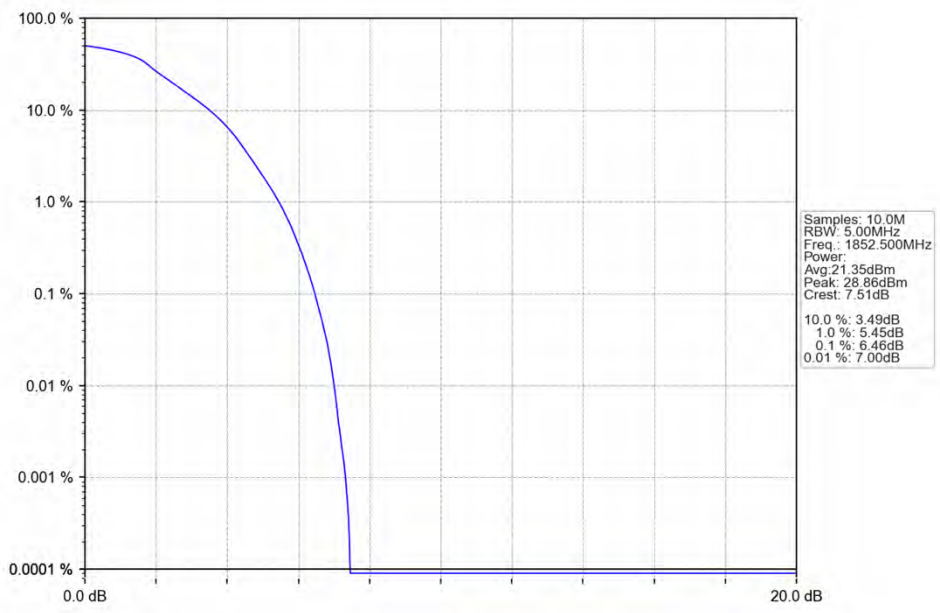
5.3 B25_5MHz

5.3.1 Test Result

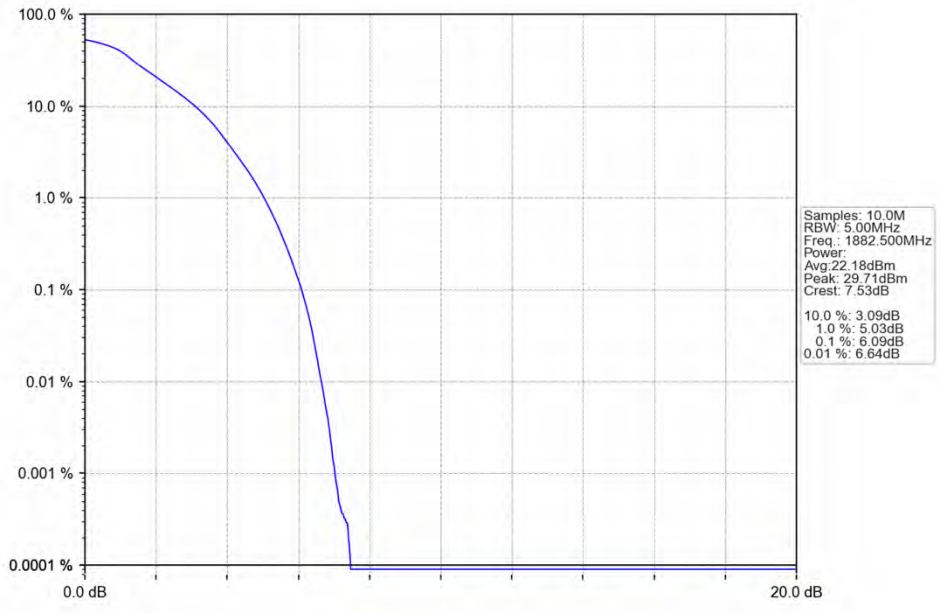
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	6.46	<=13	Pass
	1882.5	25	0	6.09	<=13	Pass
	1912.5	25	0	5.26	<=13	Pass
16QAM	1852.5	25	0	8.82	<=13	Pass
	1882.5	25	0	8.28	<=13	Pass
	1912.5	25	0	8.40	<=13	Pass

5.3.2 Test Graph

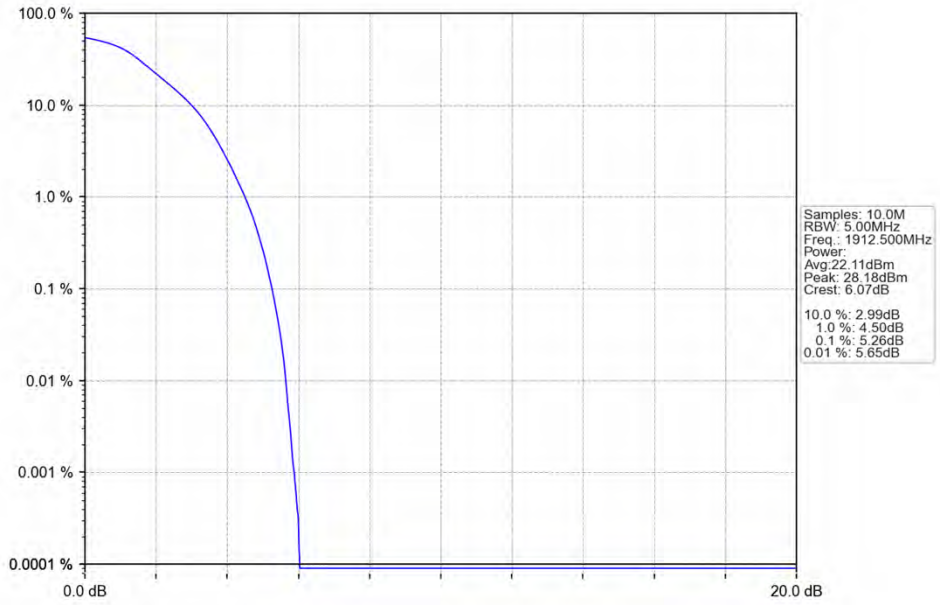
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



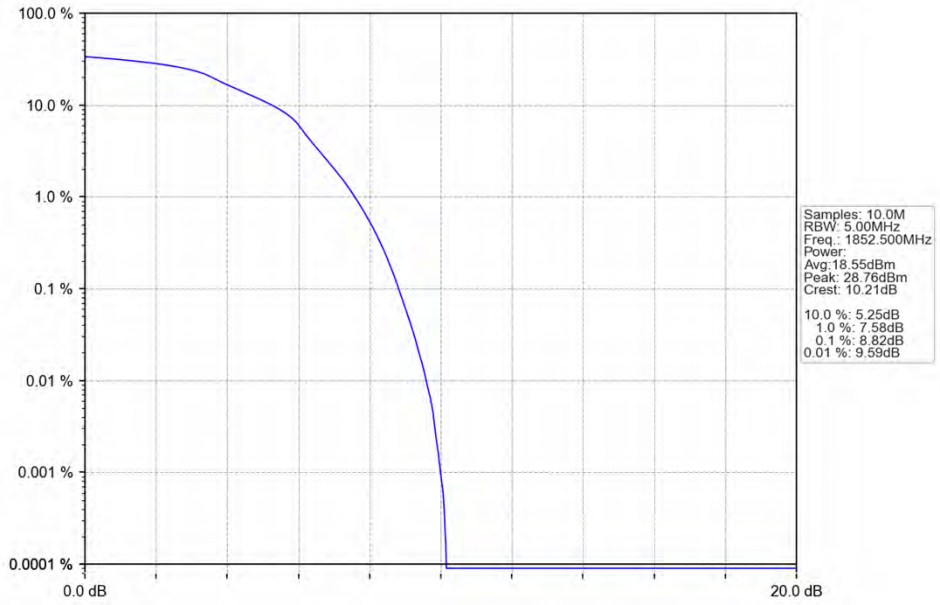
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



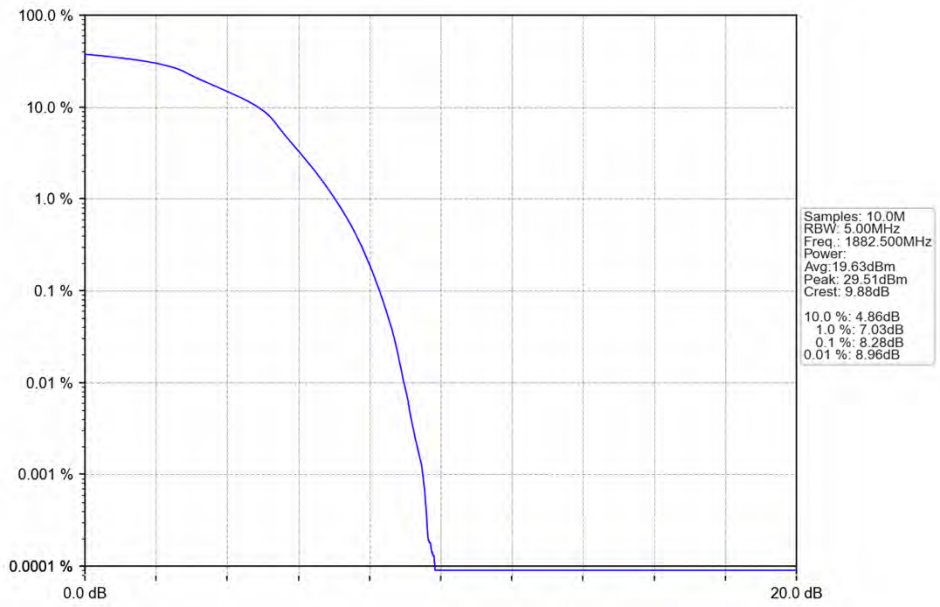
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



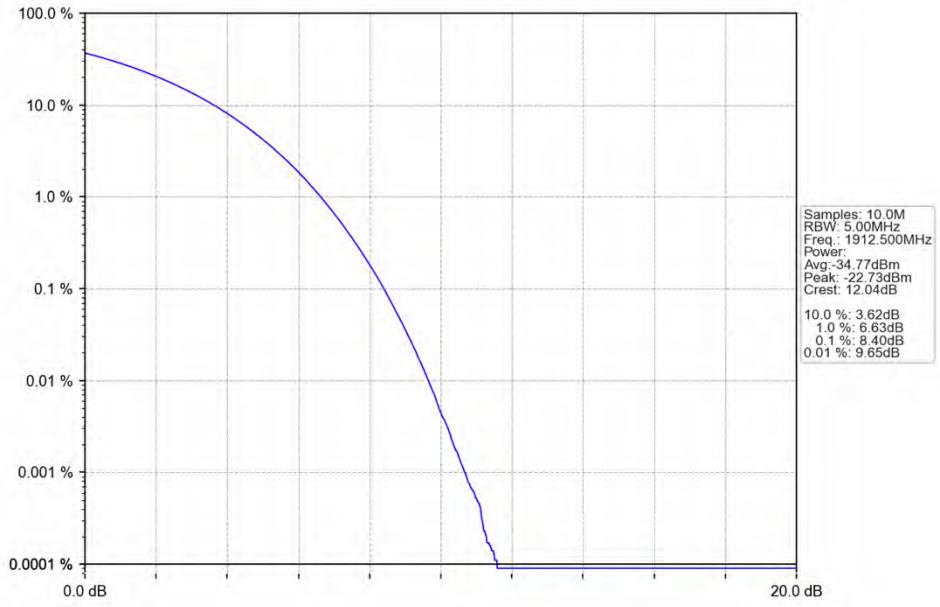
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



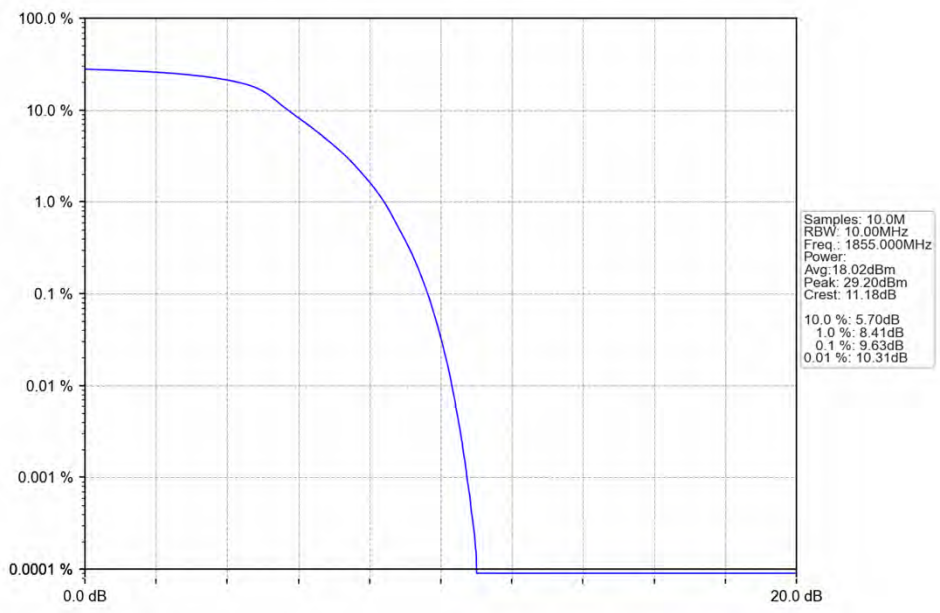
5.4 B25_10MHz

5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	9.63	<=13	Pass
	1882.5	50	0	7.84	<=13	Pass
	1910	50	0	8.10	<=13	Pass
16QAM	1855	50	0	10.08	<=13	Pass
	1882.5	50	0	8.71	<=13	Pass
	1910	50	0	9.87	<=13	Pass

5.4.2 Test Graph

Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV