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	21.09	2.48	23.57	<=33.01	Pass
			2	21.20	2.48	23.68	<=33.01	Pass
			5	21.04	2.48	23.52	<=33.01	Pass
		3	0	21.23	2.48	23.71	<=33.01	Pass
			2	21.23	2.48	23.71	<=33.01	Pass
			3	21.20	2.48	23.68	<=33.01	Pass
		6	0	20.12	2.48	22.60	<=33.01	Pass
	1882.5	1	0	21.06	2.48	23.54	<=33.01	Pass
			2	21.20	2.48	23.68	<=33.01	Pass
			5	21.06	2.48	23.54	<=33.01	Pass
		3	0	21.17	2.48	23.65	<=33.01	Pass
			2	21.18	2.48	23.66	<=33.01	Pass
			3	21.19	2.48	23.67	<=33.01	Pass
		6	0	20.13	2.48	22.61	<=33.01	Pass
	1914.3	1	0	21.52	2.48	24.00	<=33.01	Pass
			2	21.67	2.48	24.15	<=33.01	Pass
			5	21.57	2.48	24.05	<=33.01	Pass
		3	0	21.19	2.48	23.67	<=33.01	Pass
			2	21.12	2.48	23.60	<=33.01	Pass
			3	20.99	2.48	23.47	<=33.01	Pass
		6	0	20.16	2.48	22.64	<=33.01	Pass
16QAM	1850.7	1	0	20.11	2.48	22.59	<=33.01	Pass
			2	20.21	2.48	22.69	<=33.01	Pass
			5	20.14	2.48	22.62	<=33.01	Pass
		3	0	20.45	2.48	22.93	<=33.01	Pass
			2	20.46	2.48	22.94	<=33.01	Pass
			3	20.40	2.48	22.88	<=33.01	Pass
		6	0	19.14	2.48	21.62	<=33.01	Pass
	1882.5	1	0	20.10	2.48	22.58	<=33.01	Pass
			2	20.22	2.48	22.70	<=33.01	Pass
			5	20.16	2.48	22.64	<=33.01	Pass
		3	0	20.29	2.48	22.77	<=33.01	Pass
			2	20.31	2.48	22.79	<=33.01	Pass
			3	20.29	2.48	22.77	<=33.01	Pass
		6	0	19.08	2.48	21.56	<=33.01	Pass
	1914.3	1	0	20.08	2.48	22.56	<=33.01	Pass
			2	20.22	2.48	22.70	<=33.01	Pass
			5	20.13	2.48	22.61	<=33.01	Pass
		3	0	20.01	2.48	22.49	<=33.01	Pass
			2	19.97	2.48	22.45	<=33.01	Pass
			3	20.00	2.48	22.48	<=33.01	Pass
		6	0	19.19	2.48	21.67	<=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	21.29	2.48	23.77	<=33.01	Pass
			7	21.39	2.48	23.87	<=33.01	Pass
			14	21.24	2.48	23.72	<=33.01	Pass
		8	0	20.26	2.48	22.74	<=33.01	Pass
			4	20.17	2.48	22.65	<=33.01	Pass
			7	19.79	2.48	22.27	<=33.01	Pass
		15	0	19.77	2.48	22.25	<=33.01	Pass
	1882.5	1	0	20.71	2.48	23.19	<=33.01	Pass
			7	20.98	2.48	23.46	<=33.01	Pass
			14	20.74	2.48	23.22	<=33.01	Pass
		8	0	19.76	2.48	22.24	<=33.01	Pass
			4	19.93	2.48	22.41	<=33.01	Pass
			7	19.72	2.48	22.20	<=33.01	Pass
		15	0	19.82	2.48	22.30	<=33.01	Pass
	1913.5	1	0	21.11	2.48	23.59	<=33.01	Pass
			7	21.29	2.48	23.77	<=33.01	Pass
			14	21.25	2.48	23.73	<=33.01	Pass
		8	0	20.12	2.48	22.60	<=33.01	Pass
			4	20.18	2.48	22.66	<=33.01	Pass
			7	20.19	2.48	22.67	<=33.01	Pass
		15	0	20.15	2.48	22.63	<=33.01	Pass
16QAM	1851.5	1	0	19.85	2.48	22.33	<=33.01	Pass
			7	19.99	2.48	22.47	<=33.01	Pass
			14	19.78	2.48	22.26	<=33.01	Pass
		8	0	18.83	2.48	21.31	<=33.01	Pass
			4	18.89	2.48	21.37	<=33.01	Pass
			7	18.86	2.48	21.34	<=33.01	Pass
		15	0	18.89	2.48	21.37	<=33.01	Pass
	1882.5	1	0	19.91	2.48	22.39	<=33.01	Pass
			7	20.04	2.48	22.52	<=33.01	Pass
			14	19.89	2.48	22.37	<=33.01	Pass
		8	0	18.78	2.48	21.26	<=33.01	Pass
			4	18.87	2.48	21.35	<=33.01	Pass
			7	18.80	2.48	21.28	<=33.01	Pass
		15	0	18.82	2.48	21.30	<=33.01	Pass
	1913.5	1	0	20.67	2.48	23.15	<=33.01	Pass
			7	20.66	2.48	23.14	<=33.01	Pass
			14	20.47	2.48	22.95	<=33.01	Pass
		8	0	19.27	2.48	21.75	<=33.01	Pass
			4	19.33	2.48	21.81	<=33.01	Pass
			7	19.30	2.48	21.78	<=33.01	Pass
		15	0	19.21	2.48	21.69	<=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	21.12	2.48	23.60	<=33.01	Pass
			13	21.22	2.48	23.70	<=33.01	Pass
			24	21.05	2.48	23.53	<=33.01	Pass
		12	0	19.71	2.48	22.19	<=33.01	Pass
			6	19.68	2.48	22.16	<=33.01	Pass
			13	19.51	2.48	21.99	<=33.01	Pass
		25	0	19.64	2.48	22.12	<=33.01	Pass
	1882.5	1	0	20.56	2.48	23.04	<=33.01	Pass
			13	20.71	2.48	23.19	<=33.01	Pass
			24	20.62	2.48	23.10	<=33.01	Pass
		12	0	19.70	2.48	22.18	<=33.01	Pass
			6	19.67	2.48	22.15	<=33.01	Pass
			13	19.56	2.48	22.04	<=33.01	Pass
		25	0	19.67	2.48	22.15	<=33.01	Pass
	1912.5	1	0	20.93	2.48	23.41	<=33.01	Pass
			13	21.05	2.48	23.53	<=33.01	Pass
			24	21.00	2.48	23.48	<=33.01	Pass
		12	0	20.01	2.48	22.49	<=33.01	Pass
			6	20.06	2.48	22.54	<=33.01	Pass
			13	20.03	2.48	22.51	<=33.01	Pass
		25	0	19.99	2.48	22.47	<=33.01	Pass
16QAM	1852.5	1	0	19.72	2.48	22.20	<=33.01	Pass
			13	19.80	2.48	22.28	<=33.01	Pass
			24	19.65	2.48	22.13	<=33.01	Pass
		12	0	18.75	2.48	21.23	<=33.01	Pass
			6	18.73	2.48	21.21	<=33.01	Pass
			13	18.59	2.48	21.07	<=33.01	Pass
		25	0	18.73	2.48	21.21	<=33.01	Pass
	1882.5	1	0	19.83	2.48	22.31	<=33.01	Pass
			13	19.96	2.48	22.44	<=33.01	Pass
			24	19.87	2.48	22.35	<=33.01	Pass
		12	0	18.74	2.48	21.22	<=33.01	Pass
			6	18.82	2.48	21.30	<=33.01	Pass
			13	18.70	2.48	21.18	<=33.01	Pass
		25	0	18.70	2.48	21.18	<=33.01	Pass
	1912.5	1	0	19.79	2.48	22.27	<=33.01	Pass
			13	19.85	2.48	22.33	<=33.01	Pass
			24	19.73	2.48	22.21	<=33.01	Pass
		12	0	19.05	2.48	21.53	<=33.01	Pass
			6	19.12	2.48	21.60	<=33.01	Pass
			13	19.09	2.48	21.57	<=33.01	Pass
		25	0	19.09	2.48	21.57	<=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	21.13	2.48	23.61	<=33.01	Pass
			25	20.90	2.48	23.38	<=33.01	Pass
			49	20.61	2.48	23.09	<=33.01	Pass
		25	0	19.82	2.48	22.30	<=33.01	Pass
			13	19.69	2.48	22.17	<=33.01	Pass
			25	19.66	2.48	22.14	<=33.01	Pass
		50	0	19.76	2.48	22.24	<=33.01	Pass
	1882.5	1	0	20.52	2.48	23.00	<=33.01	Pass
			25	20.82	2.48	23.30	<=33.01	Pass
			49	20.66	2.48	23.14	<=33.01	Pass
		25	0	19.87	2.48	22.35	<=33.01	Pass
			13	19.77	2.48	22.25	<=33.01	Pass
			25	19.67	2.48	22.15	<=33.01	Pass
		50	0	19.79	2.48	22.27	<=33.01	Pass
	1910	1	0	20.86	2.48	23.34	<=33.01	Pass
			25	21.18	2.48	23.66	<=33.01	Pass
			49	21.05	2.48	23.53	<=33.01	Pass
		25	0	20.26	2.48	22.74	<=33.01	Pass
			13	20.07	2.48	22.55	<=33.01	Pass
			25	20.10	2.48	22.58	<=33.01	Pass
		50	0	20.23	2.48	22.71	<=33.01	Pass
16QAM	1855	1	0	19.61	2.48	22.09	<=33.01	Pass
			25	19.83	2.48	22.31	<=33.01	Pass
			49	19.56	2.48	22.04	<=33.01	Pass
		25	0	18.96	2.48	21.44	<=33.01	Pass
			13	18.86	2.48	21.34	<=33.01	Pass
			25	18.81	2.48	21.29	<=33.01	Pass
		50	0	18.83	2.48	21.31	<=33.01	Pass
	1882.5	1	0	19.73	2.48	22.21	<=33.01	Pass
			25	20.09	2.48	22.57	<=33.01	Pass
			49	19.82	2.48	22.30	<=33.01	Pass
		25	0	18.86	2.48	21.34	<=33.01	Pass
			13	18.80	2.48	21.28	<=33.01	Pass
			25	18.71	2.48	21.19	<=33.01	Pass
		50	0	18.82	2.48	21.30	<=33.01	Pass
	1910	1	0	20.51	2.48	22.99	<=33.01	Pass
			25	20.79	2.48	23.27	<=33.01	Pass
			49	20.36	2.48	22.84	<=33.01	Pass
		25	0	19.36	2.48	21.84	<=33.01	Pass
			13	19.24	2.48	21.72	<=33.01	Pass
			25	19.21	2.48	21.69	<=33.01	Pass
		50	0	19.31	2.48	21.79	<=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	20.89	2.48	23.37	<=33.01	Pass
			38	20.63	2.48	23.11	<=33.01	Pass
			74	20.41	2.48	22.89	<=33.01	Pass
		36	0	19.67	2.48	22.15	<=33.01	Pass
			18	19.60	2.48	22.08	<=33.01	Pass
			39	19.69	2.48	22.17	<=33.01	Pass
		75	0	19.68	2.48	22.16	<=33.01	Pass
	1882.5	1	0	20.41	2.48	22.89	<=33.01	Pass
			38	20.64	2.48	23.12	<=33.01	Pass
			74	20.50	2.48	22.98	<=33.01	Pass
		36	0	19.65	2.48	22.13	<=33.01	Pass
			18	19.64	2.48	22.12	<=33.01	Pass
			39	19.56	2.48	22.04	<=33.01	Pass
		75	0	19.70	2.48	22.18	<=33.01	Pass
	1907.5	1	0	20.73	2.48	23.21	<=33.01	Pass
			38	20.99	2.48	23.47	<=33.01	Pass
			74	20.87	2.48	23.35	<=33.01	Pass
		36	0	20.06	2.48	22.54	<=33.01	Pass
			18	20.03	2.48	22.51	<=33.01	Pass
			39	20.02	2.48	22.50	<=33.01	Pass
		75	0	20.07	2.48	22.55	<=33.01	Pass
16QAM	1857.5	1	0	19.86	2.48	22.34	<=33.01	Pass
			38	19.97	2.48	22.45	<=33.01	Pass
			74	19.60	2.48	22.08	<=33.01	Pass
		36	0	18.73	2.48	21.21	<=33.01	Pass
			18	18.63	2.48	21.11	<=33.01	Pass
			39	18.70	2.48	21.18	<=33.01	Pass
		75	0	18.69	2.48	21.17	<=33.01	Pass
	1882.5	1	0	19.55	2.48	22.03	<=33.01	Pass
			38	19.85	2.48	22.33	<=33.01	Pass
			74	19.67	2.48	22.15	<=33.01	Pass
		36	0	18.77	2.48	21.25	<=33.01	Pass
			18	18.75	2.48	21.23	<=33.01	Pass
			39	18.70	2.48	21.18	<=33.01	Pass
		75	0	18.76	2.48	21.24	<=33.01	Pass
	1907.5	1	0	20.07	2.48	22.55	<=33.01	Pass
			38	20.60	2.48	23.08	<=33.01	Pass
			74	20.23	2.48	22.71	<=33.01	Pass
		36	0	19.11	2.48	21.59	<=33.01	Pass
			18	19.13	2.48	21.61	<=33.01	Pass
			39	19.08	2.48	21.56	<=33.01	Pass
		75	0	19.14	2.48	21.62	<=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	20.27	2.48	22.75	<=33.01	Pass
			50	20.71	2.48	23.19	<=33.01	Pass
			99	20.21	2.48	22.69	<=33.01	Pass
		50	0	19.68	2.48	22.16	<=33.01	Pass
			25	19.61	2.48	22.09	<=33.01	Pass
			50	19.72	2.48	22.20	<=33.01	Pass
		100	0	19.72	2.48	22.20	<=33.01	Pass
	1882.5	1	0	20.17	2.48	22.65	<=33.01	Pass
			50	20.83	2.48	23.31	<=33.01	Pass
			99	20.41	2.48	22.89	<=33.01	Pass
		50	0	19.85	2.48	22.33	<=33.01	Pass
			25	19.67	2.48	22.15	<=33.01	Pass
			50	19.56	2.48	22.04	<=33.01	Pass
		100	0	19.73	2.48	22.21	<=33.01	Pass
	1905	1	0	20.47	2.48	22.95	<=33.01	Pass
			50	21.11	2.48	23.59	<=33.01	Pass
			99	20.70	2.48	23.18	<=33.01	Pass
		50	0	19.84	2.48	22.32	<=33.01	Pass
			25	19.95	2.48	22.43	<=33.01	Pass
			50	19.88	2.48	22.36	<=33.01	Pass
		100	0	19.89	2.48	22.37	<=33.01	Pass
16QAM	1860	1	0	19.90	2.48	22.38	<=33.01	Pass
			50	20.18	2.48	22.66	<=33.01	Pass
			99	19.64	2.48	22.12	<=33.01	Pass
		50	0	18.75	2.48	21.23	<=33.01	Pass
			25	18.66	2.48	21.14	<=33.01	Pass
			50	18.72	2.48	21.20	<=33.01	Pass
		100	0	18.78	2.48	21.26	<=33.01	Pass
	1882.5	1	0	19.35	2.48	21.83	<=33.01	Pass
			50	20.05	2.48	22.53	<=33.01	Pass
			99	19.55	2.48	22.03	<=33.01	Pass
		50	0	18.87	2.48	21.35	<=33.01	Pass
			25	18.75	2.48	21.23	<=33.01	Pass
			50	18.65	2.48	21.13	<=33.01	Pass
		100	0	18.77	2.48	21.25	<=33.01	Pass
	1905	1	0	19.56	2.48	22.04	<=33.01	Pass
			50	20.41	2.48	22.89	<=33.01	Pass
			99	19.87	2.48	22.35	<=33.01	Pass
		50	0	18.89	2.48	21.37	<=33.01	Pass
			25	19.00	2.48	21.48	<=33.01	Pass
			50	18.94	2.48	21.42	<=33.01	Pass
		100	0	18.97	2.48	21.45	<=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	-0.358	-0.0002	-2.5 to 2.5	Pass
					3.85	-10.114	-0.0055	-2.5 to 2.5	Pass
					4.43	-11.659	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	3.405	0.0018	-2.5 to 2.5	Pass
				-20	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-7.210	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-9.599	-0.0052	-2.5 to 2.5	Pass
				50	3.85	-4.721	-0.0026	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-11.029	-0.0059	-2.5 to 2.5	Pass
					3.85	-9.756	-0.0052	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-12.159	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-15.535	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-8.612	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-16.794	-0.0089	-2.5 to 2.5	Pass
				40	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	3.033	0.0016	-2.5 to 2.5	Pass
					3.85	-7.138	-0.0037	-2.5 to 2.5	Pass
					4.43	-1.101	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.373	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-10.600	-0.0055	-2.5 to 2.5	Pass
				10	3.85	1.044	0.0005	-2.5 to 2.5	Pass
				30	3.85	6.166	0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass
				50	3.85	2.060	0.0011	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	-17.195	-0.0093	-2.5 to 2.5	Pass
					3.85	-12.560	-0.0068	-2.5 to 2.5	Pass
					4.43	-2.074	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-11.244	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-11.745	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-8.311	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-13.118	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-12.932	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-11.702	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-13.075	-0.0071	-2.5 to 2.5	Pass

	1882.5	6	0	20	3.27	-13.146	-0.0070	-2.5 to 2.5	Pass
					3.85	-15.364	-0.0082	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-13.876	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-7.339	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-14.219	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-16.580	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	1.431	0.0007	-2.5 to 2.5	Pass
					3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.272	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	2.360	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-5.736	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-5.565	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-2.174	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.304	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-6.866	-0.0036	-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	-6.495	-0.0035	-2.5 to 2.5	Pass
					3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-4.420	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-12.102	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-13.862	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-16.065	-0.0087	-2.5 to 2.5	Pass
				30	3.85	-11.129	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-12.188	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-4.978	-0.0027	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-13.618	-0.0072	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	2.418	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-16.909	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-3.090	-0.0016	-2.5 to 2.5	Pass

	1913.5	15	0	20	3.27	-3.991	-0.0021	-2.5 to 2.5	Pass
					3.85	3.190	0.0017	-2.5 to 2.5	Pass
					4.43	2.475	0.0013	-2.5 to 2.5	Pass
				-30	3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-11.516	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-7.396	-0.0039	-2.5 to 2.5	Pass
				0	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				10	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0033	-2.5 to 2.5	Pass
				50	3.85	2.847	0.0015	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-8.998	-0.0049	-2.5 to 2.5	Pass
					3.85	-14.606	-0.0079	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-11.973	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-9.828	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-8.340	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-2.503	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-8.841	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-16.980	-0.0092	-2.5 to 2.5	Pass
				50	3.85	-19.369	-0.0105	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-13.289	-0.0071	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	8.111	0.0043	-2.5 to 2.5	Pass
				-10	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				0	3.85	-9.813	-0.0052	-2.5 to 2.5	Pass
				10	3.85	1.087	0.0006	-2.5 to 2.5	Pass
				30	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass
				40	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				50	3.85	-11.258	-0.0060	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-0.458	-0.0002	-2.5 to 2.5	Pass
					3.85	-1.016	-0.0005	-2.5 to 2.5	Pass
					4.43	4.821	0.0025	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-12.417	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-2.217	-0.0012	-2.5 to 2.5	Pass
				0	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				10	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
				50	3.85	2.789	0.0015	-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	-7.639	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.543	-0.0057	-2.5 to 2.5	Pass
					4.43	-6.108	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-11.430	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-10.386	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-2.890	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-3.734	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-7.839	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-1.473	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-8.283	-0.0045	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-5.693	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0021	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-10.300	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-16.909	-0.0090	-2.5 to 2.5	Pass
				30	3.85	-12.159	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-10.629	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-9.356	-0.0049	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
					4.43	-0.443	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-13.976	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-10.743	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-8.011	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-15.092	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-11.487	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-13.275	-0.0069	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-3.190	-0.0017	-2.5 to 2.5	Pass
					3.85	-15.407	-0.0083	-2.5 to 2.5	Pass
					4.43	-0.343	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-10.371	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-12.102	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-12.031	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-14.620	-0.0079	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				30	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				40	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.272	0.0001	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-7.868	-0.0042	-2.5 to 2.5	Pass
					3.85	0.572	0.0003	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-9.828	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-15.650	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-12.288	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-3.448	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass

	1912.5	25	0	20	3.27	-3.591	-0.0019	-2.5 to 2.5	Pass
					3.85	-11.573	-0.0061	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-8.655	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-8.969	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-7.868	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-7.639	-0.0040	-2.5 to 2.5	Pass
				30	3.85	3.662	0.0019	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0023	-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	-4.363	-0.0024	-2.5 to 2.5	Pass
					3.85	-10.571	-0.0057	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-6.452	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-7.224	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0021	-2.5 to 2.5	Pass
				10	3.85	0.672	0.0004	-2.5 to 2.5	Pass
				30	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-10.471	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-8.240	-0.0044	-2.5 to 2.5	Pass
					3.85	-3.104	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.246	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-10.171	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-2.718	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-12.159	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-8.798	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-12.517	-0.0066	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-6.537	-0.0034	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.467	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-9.155	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-14.262	-0.0075	-2.5 to 2.5	Pass
				-10	3.85	-7.925	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-5.250	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-8.554	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-13.247	-0.0069	-2.5 to 2.5	Pass

16QAM	1855	50	0	20	3.27	-8.411	-0.0045	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.488	0.0008	-2.5 to 2.5	Pass
				-10	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-3.290	-0.0017	-2.5 to 2.5	Pass
					3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
					4.43	-9.656	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-6.709	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-10.386	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-7.796	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-12.574	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-1.945	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-8.597	-0.0045	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
					4.43	-9.413	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-8.755	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-7.339	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-10.986	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				40	3.85	-5.407	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-4.549	-0.0024	-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	-1.903	-0.0010	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0036	-2.5 to 2.5	Pass
					4.43	-5.264	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-6.938	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-7.253	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass

	1882.5	75	0	20	3.27	-8.984	-0.0048	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0034	-2.5 to 2.5	Pass
					4.43	-9.813	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-8.368	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-13.061	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-8.698	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
				10	3.85	-11.644	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-7.353	-0.0039	-2.5 to 2.5	Pass
					3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
					4.43	-7.625	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-9.971	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-9.341	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-9.212	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-10.400	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-11.373	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-4.420	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-5.994	-0.0031	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-3.376	-0.0018	-2.5 to 2.5	Pass
					3.85	-3.090	-0.0017	-2.5 to 2.5	Pass
					4.43	-5.293	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-7.138	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-6.623	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-11.230	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-4.678	-0.0025	-2.5 to 2.5	Pass
					3.85	-4.206	-0.0022	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-5.207	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-11.687	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-13.504	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-4.234	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-7.796	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-8.941	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-5.150	-0.0027	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-8.583	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.480	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.478	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-8.397	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-7.439	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-6.509	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-11.530	-0.0060	-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	-5.851	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.251	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.488	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-8.855	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-5.164	-0.0028	-2.5 to 2.5	Pass
				30	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				40	3.85	-5.364	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-10.042	-0.0053	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0031	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-2.117	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-11.272	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-10.414	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-2.875	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-4.120	-0.0022	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.440	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-5.593	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-7.138	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.836	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-5.751	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.721	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	1.116	0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-9.227	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-5.722	-0.0030	-2.5 to 2.5	Pass
					3.85	-6.309	-0.0034	-2.5 to 2.5	Pass
					4.43	-4.549	-0.0024	-2.5 to 2.5	Pass

				-30	3.85	-7.954	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.663	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-8.798	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-6.051	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-11.573	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-9.413	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-11.873	-0.0063	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-3.891	-0.0020	-2.5 to 2.5	Pass
					3.85	-11.101	-0.0058	-2.5 to 2.5	Pass
					4.43	-7.195	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-8.225	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-1.774	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				10	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				30	3.85	-9.756	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-7.324	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-2.446	-0.0013	-2.5 to 2.5	Pass

3. Modulation Characteristics

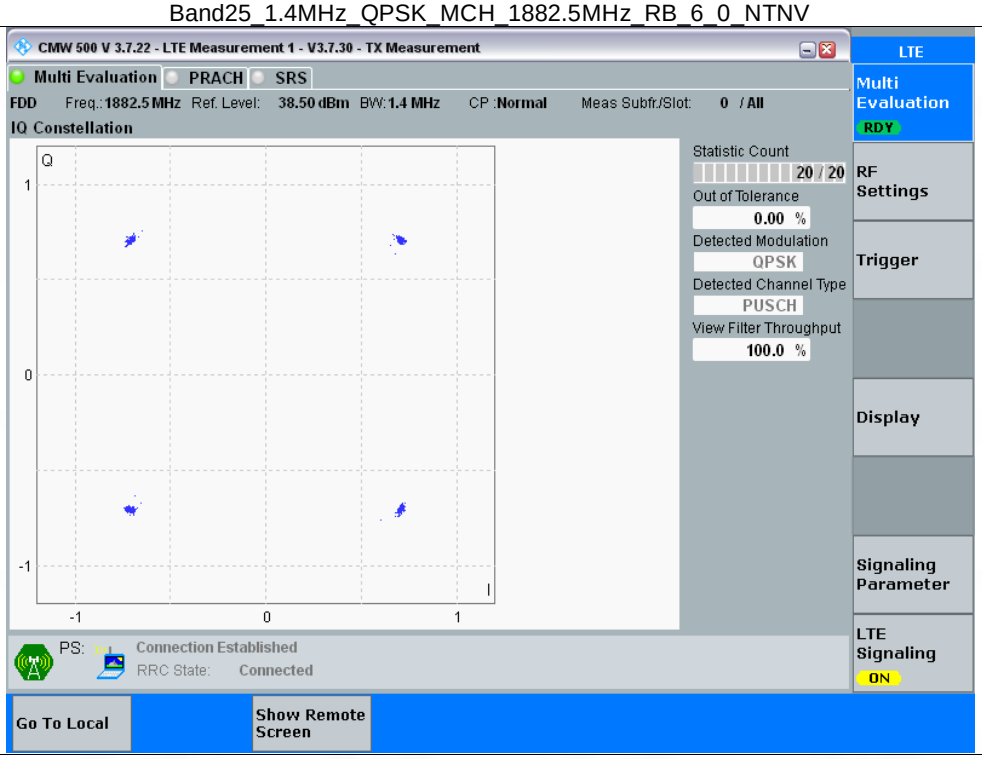
3.1 B25_1.4MHz

3.1.1 Test Result

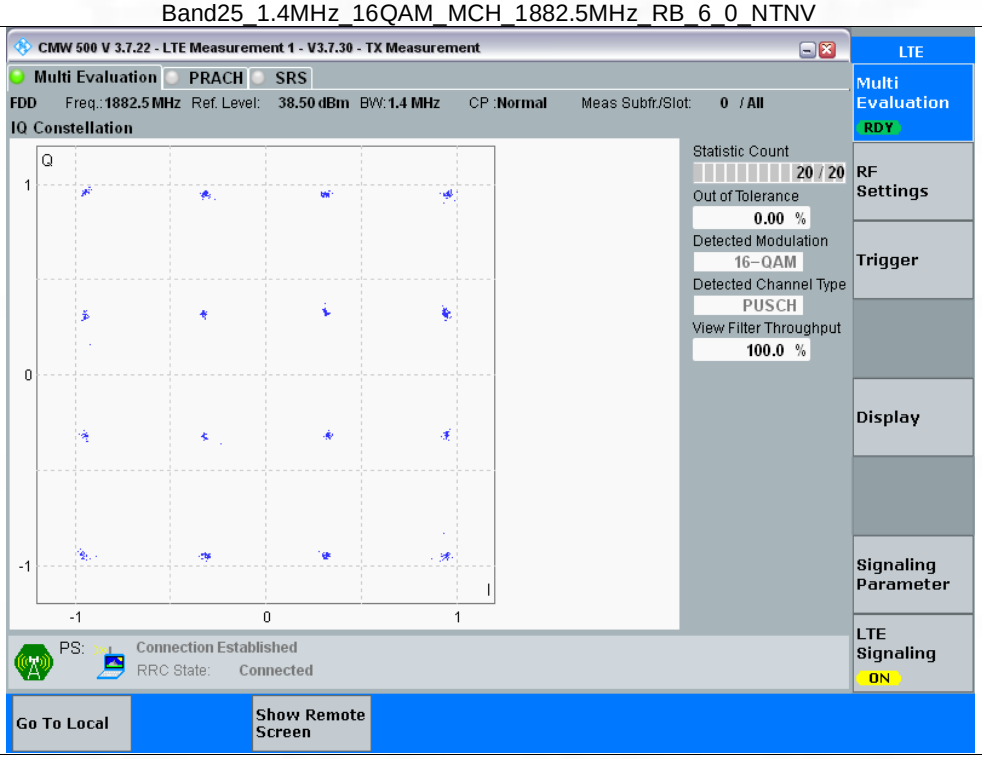
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	6	0	Refer To Test Graph		Pass
16QAM	1882.5	6	0	Refer To Test Graph		Pass

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



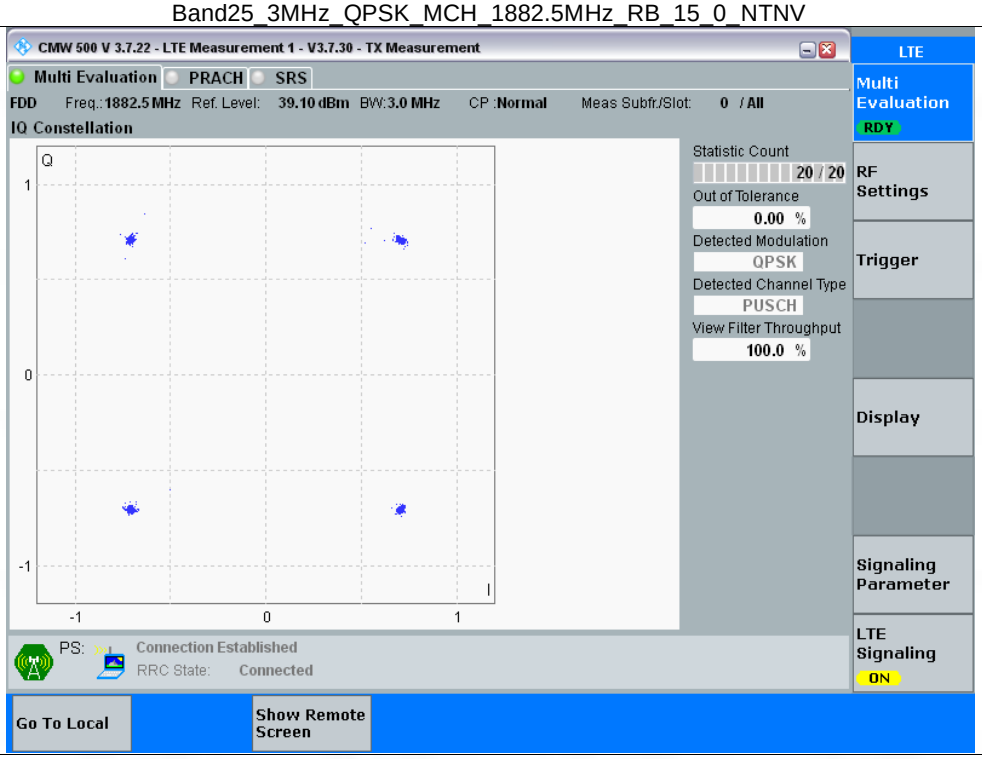
3.2 B25_3MHz

3.2.1 Test Result

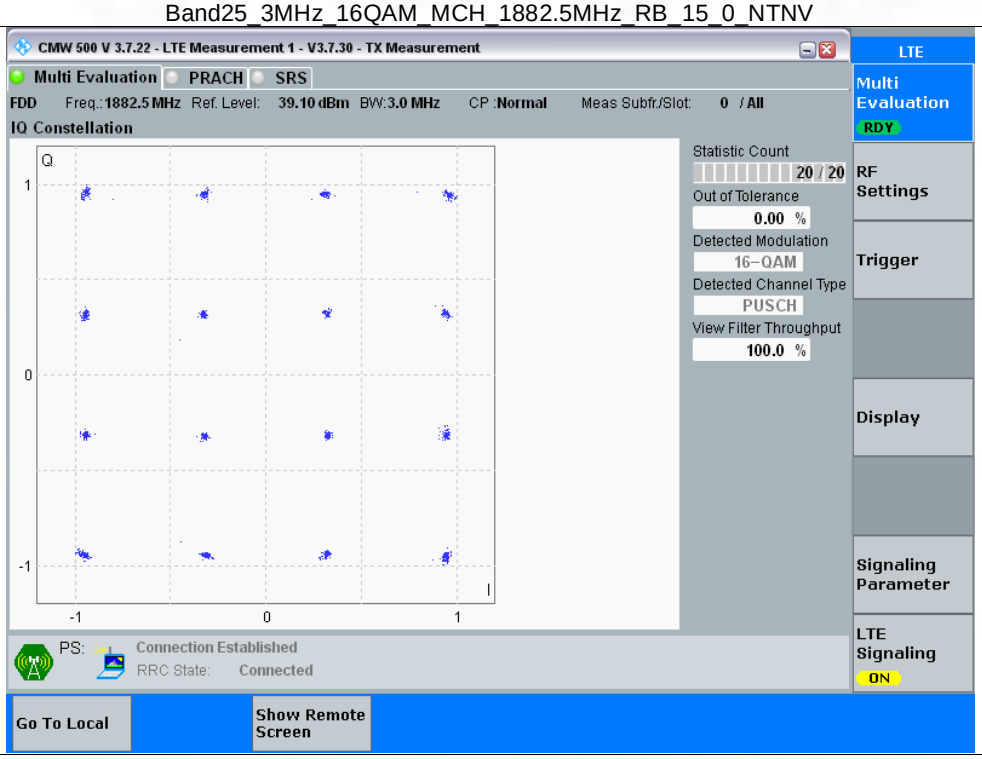
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	15	0	Refer To Test Graph		Pass
16QAM	1882.5	15	0	Refer To Test Graph		Pass

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



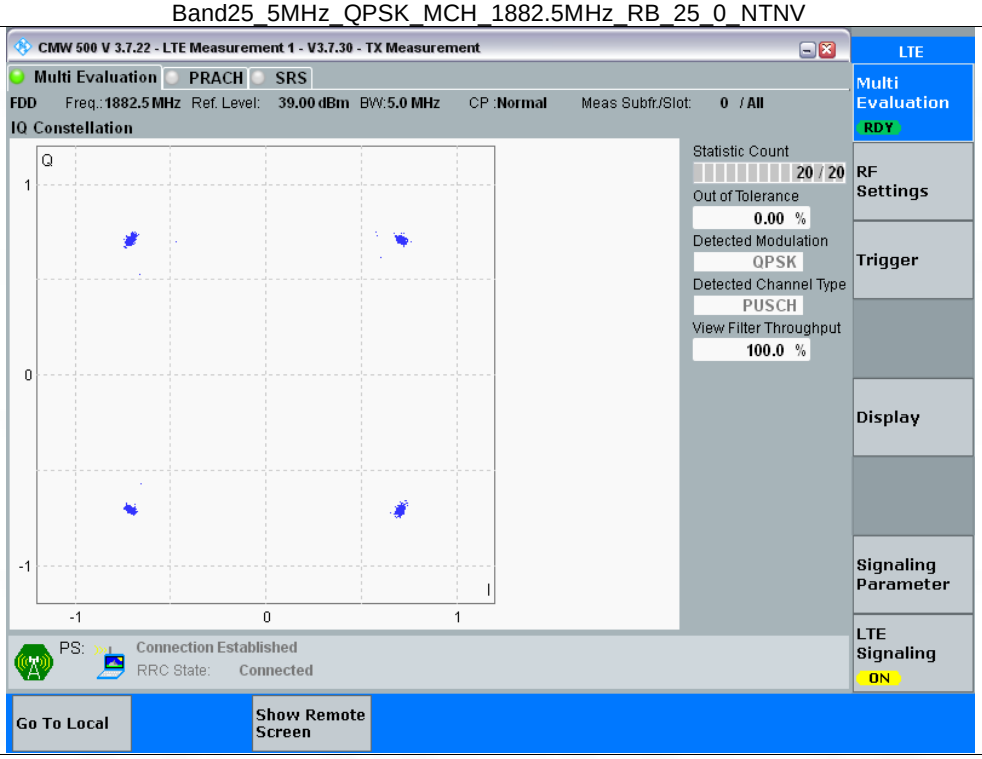
3.3 B25_5MHz

3.3.1 Test Result

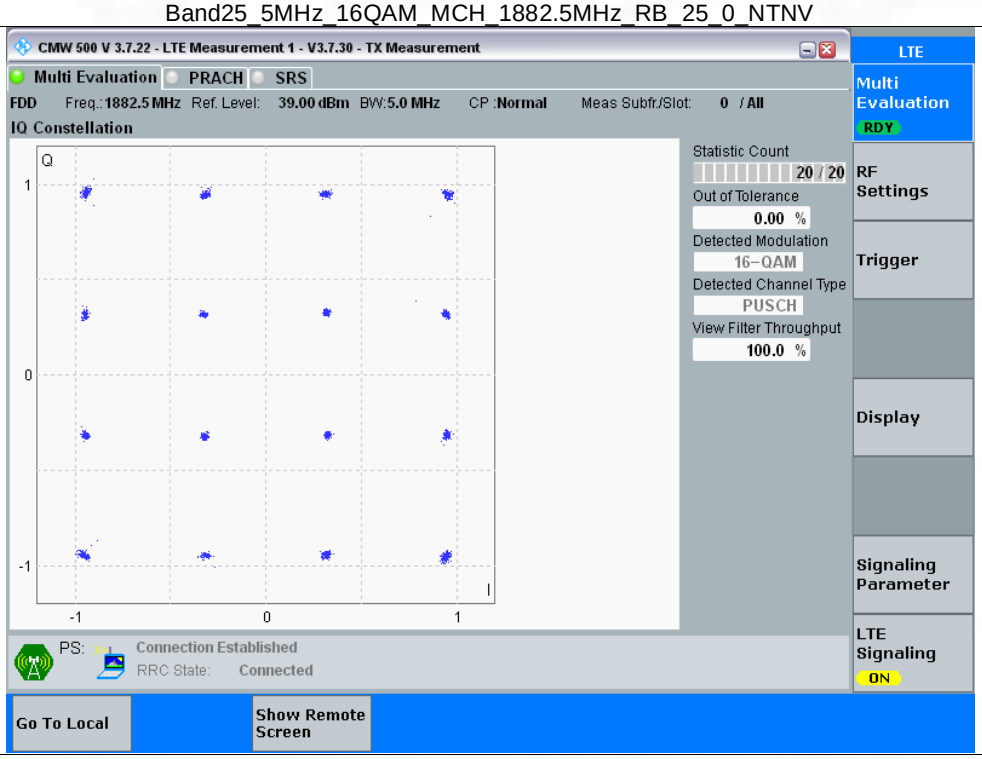
Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	25	0	Refer To Test Graph		Pass
16QAM	1882.5	25	0	Refer To Test Graph		Pass

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



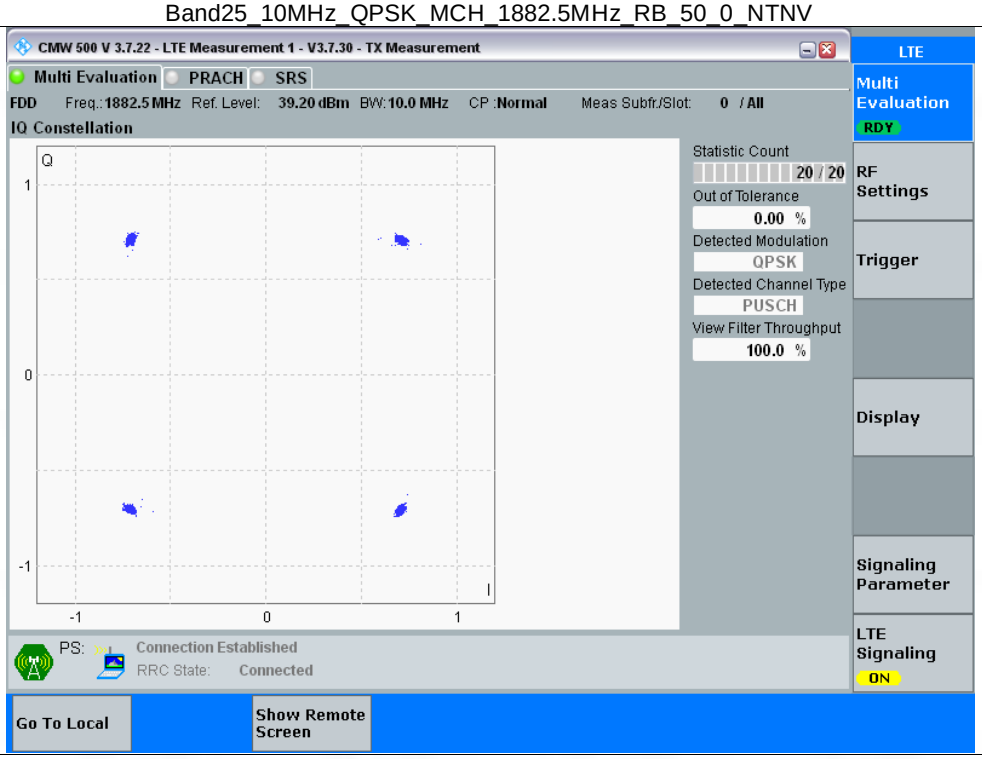
3.4 B25_10MHz

3.4.1 Test Result

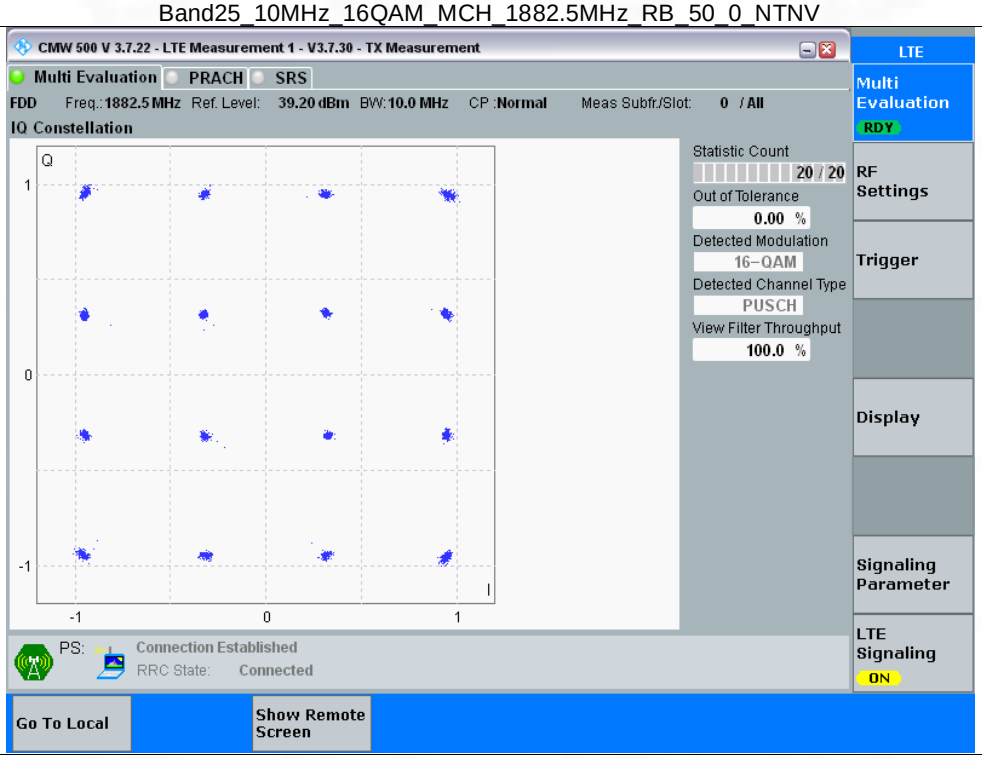
Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

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



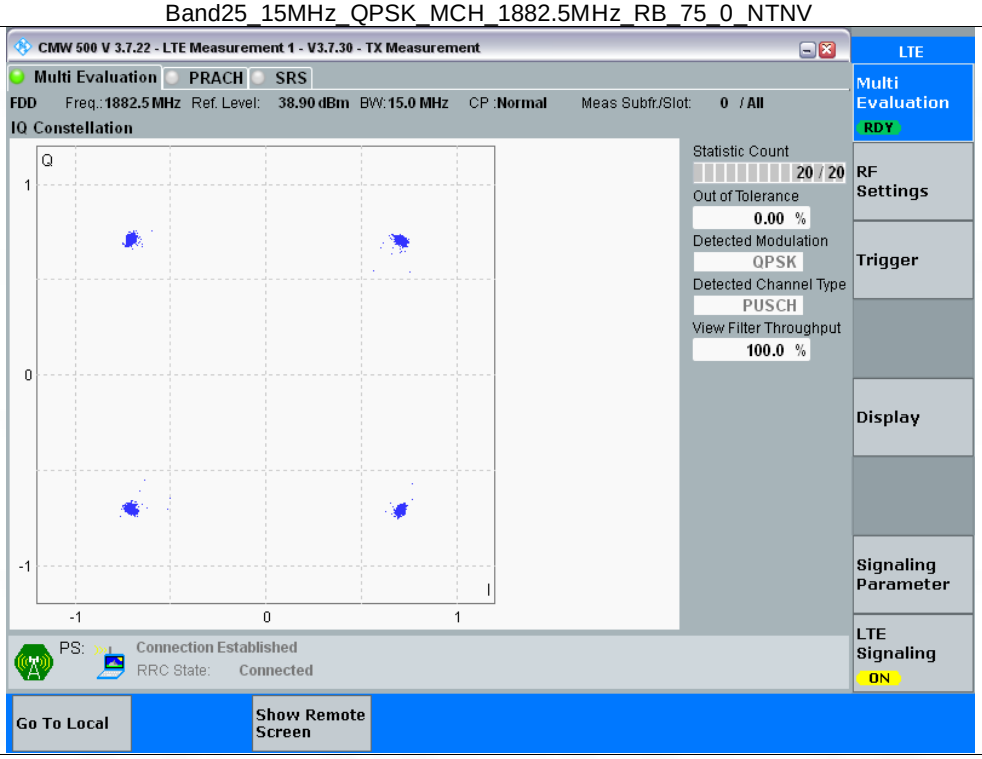
3.5 B25_15MHz

3.5.1 Test Result

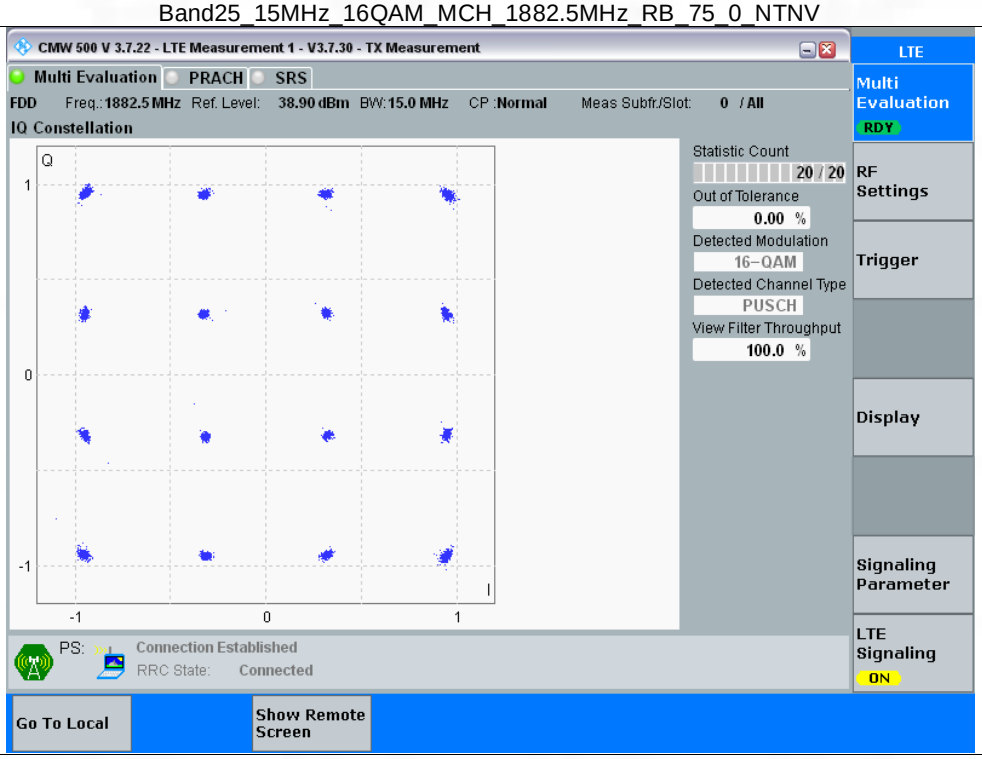
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

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



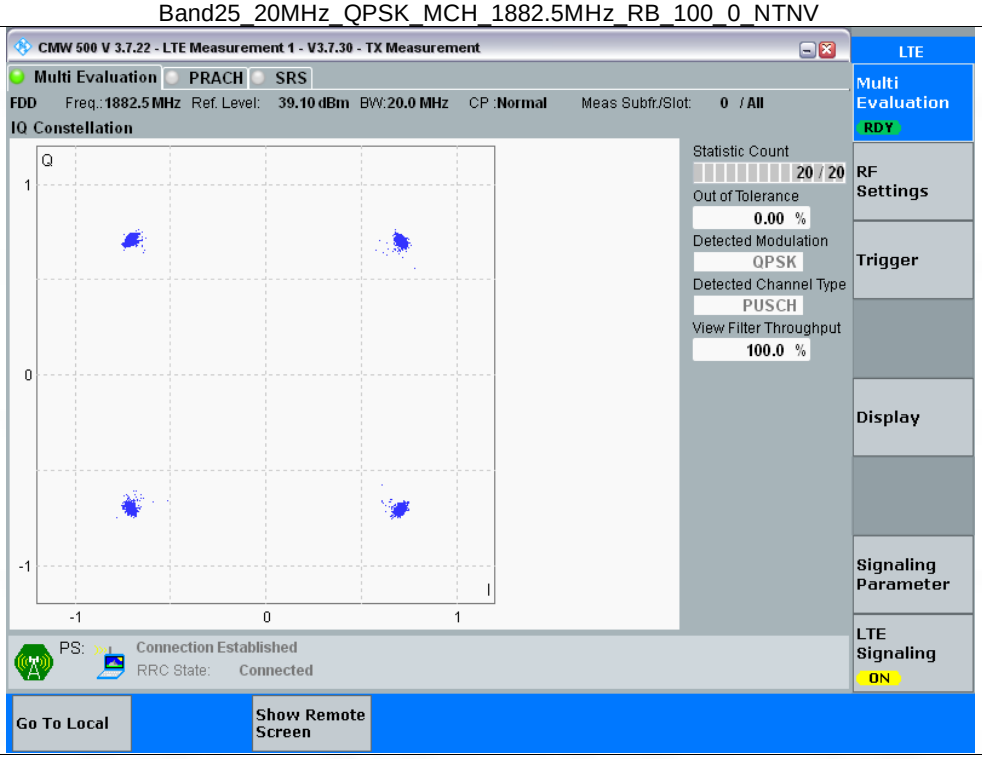
3.6 B25_20MHz

3.6.1 Test Result

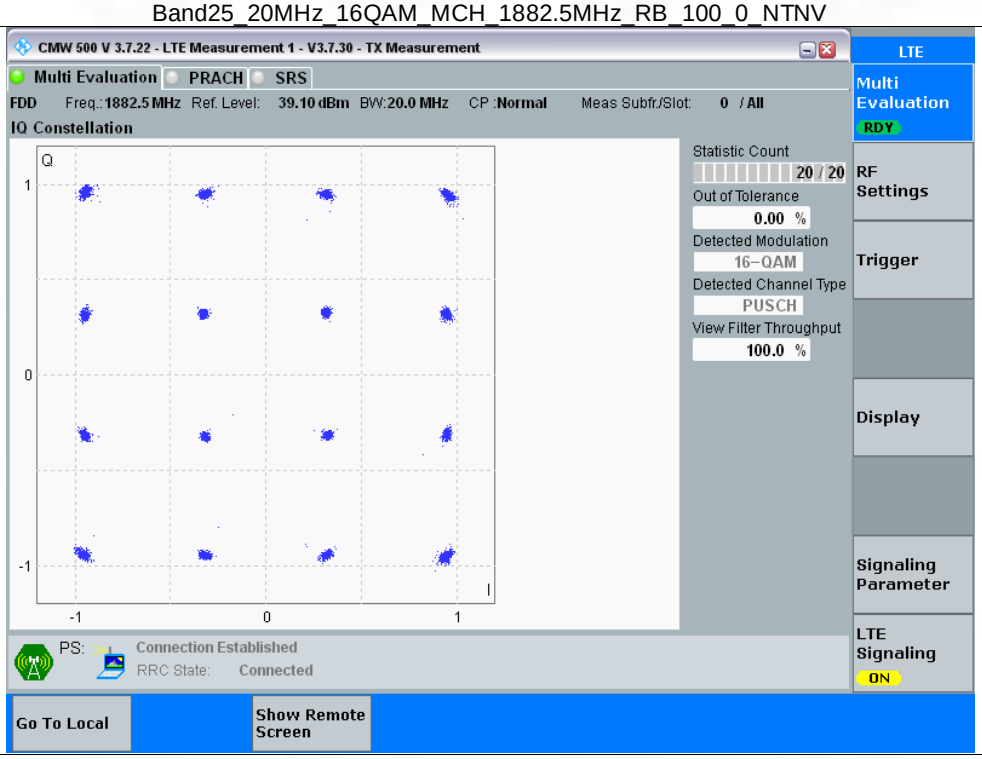
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

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

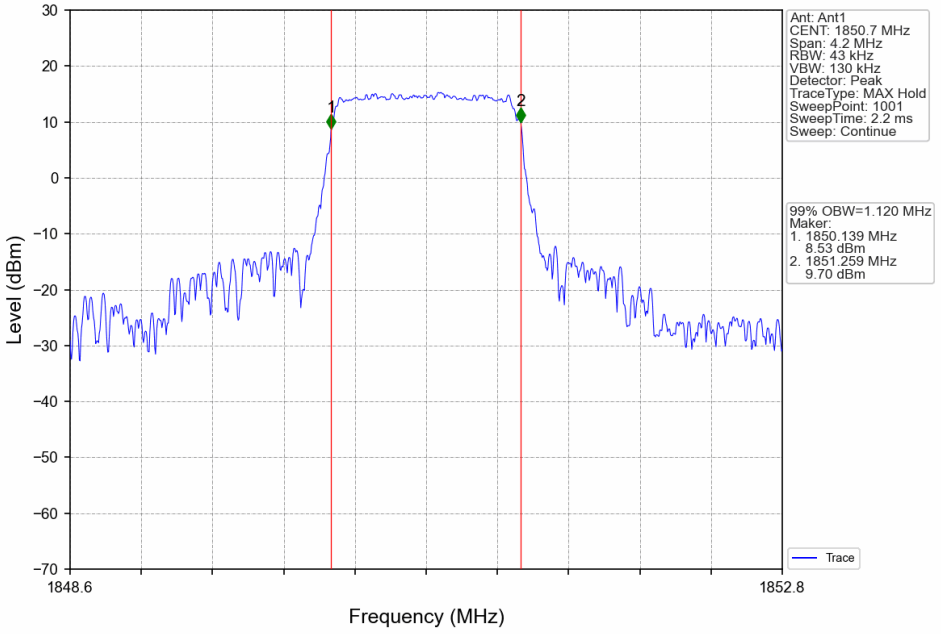
4.1 Band25_OBW

4.1.1 Test Result

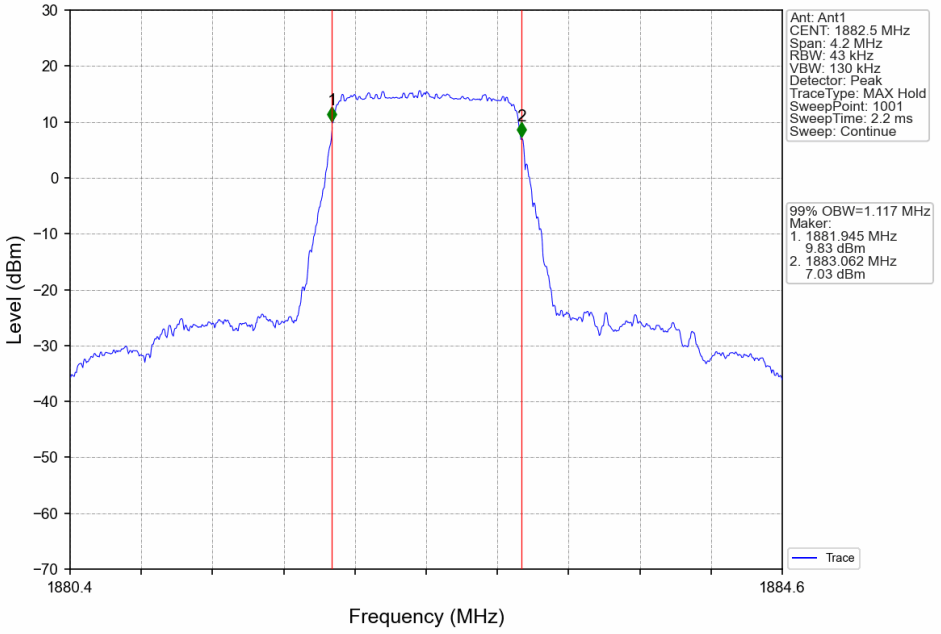
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.120	Pass
		1882.5	6	0	1.117	Pass
		1914.3	6	0	1.117	Pass
	16QAM	1850.7	6	0	1.108	Pass
		1882.5	6	0	1.102	Pass
		1914.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.723	Pass
		1882.5	15	0	2.728	Pass
		1913.5	15	0	2.732	Pass
	16QAM	1851.5	15	0	2.718	Pass
		1882.5	15	0	2.723	Pass
		1913.5	15	0	2.732	Pass
5	QPSK	1852.5	25	0	4.563	Pass
		1882.5	25	0	4.569	Pass
		1912.5	25	0	4.581	Pass
	16QAM	1852.5	25	0	4.574	Pass
		1882.5	25	0	4.591	Pass
		1912.5	25	0	4.582	Pass
10	QPSK	1855	50	0	9.103	Pass
		1882.5	50	0	9.073	Pass
		1910	50	0	9.123	Pass
	16QAM	1855	50	0	9.091	Pass
		1882.5	50	0	9.076	Pass
		1910	50	0	9.083	Pass
15	QPSK	1857.5	75	0	13.667	Pass
		1882.5	75	0	13.602	Pass
		1907.5	75	0	13.648	Pass
	16QAM	1857.5	75	0	13.688	Pass
		1882.5	75	0	13.606	Pass
		1907.5	75	0	13.709	Pass
20	QPSK	1860	100	0	18.296	Pass
		1882.5	100	0	18.233	Pass
		1905	100	0	18.102	Pass
	16QAM	1860	100	0	18.253	Pass
		1882.5	100	0	18.187	Pass
		1905	100	0	18.204	Pass

4.1.2 Test Graph

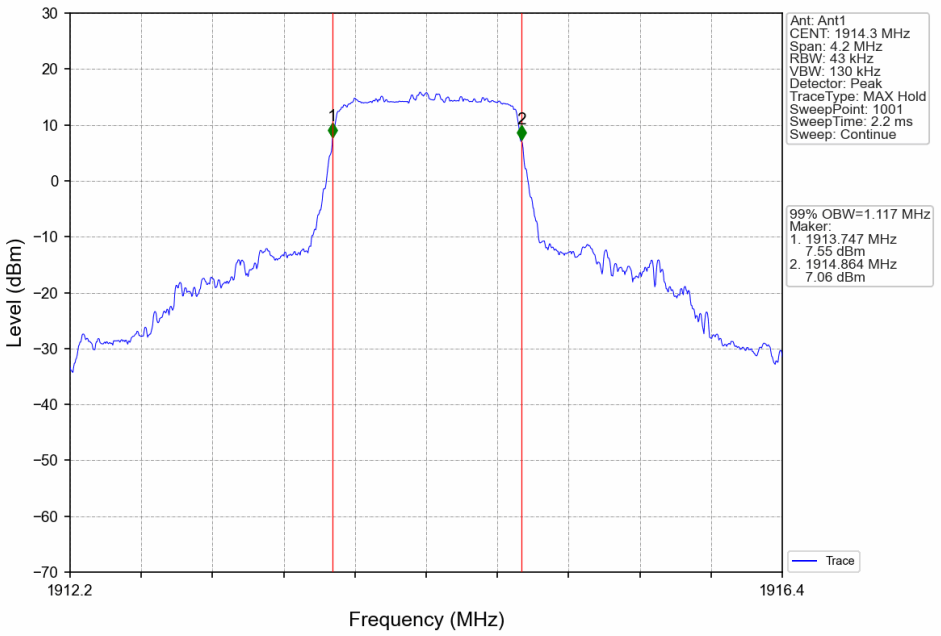
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



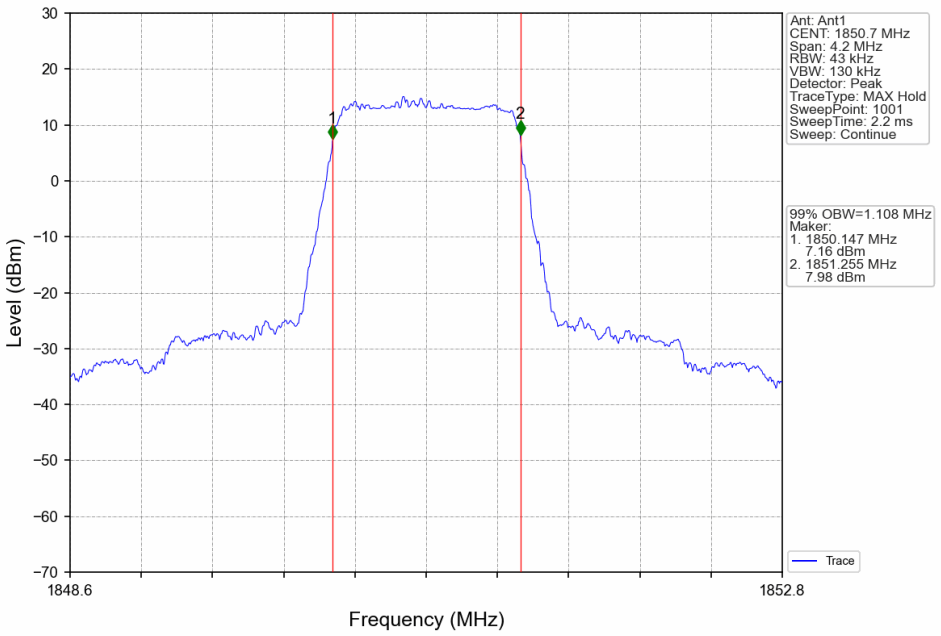
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



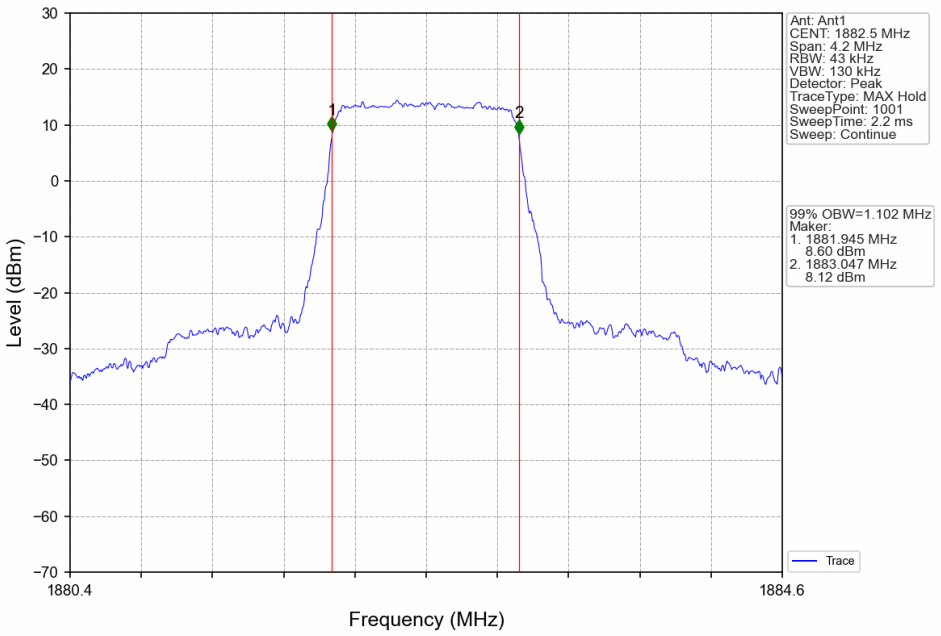
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



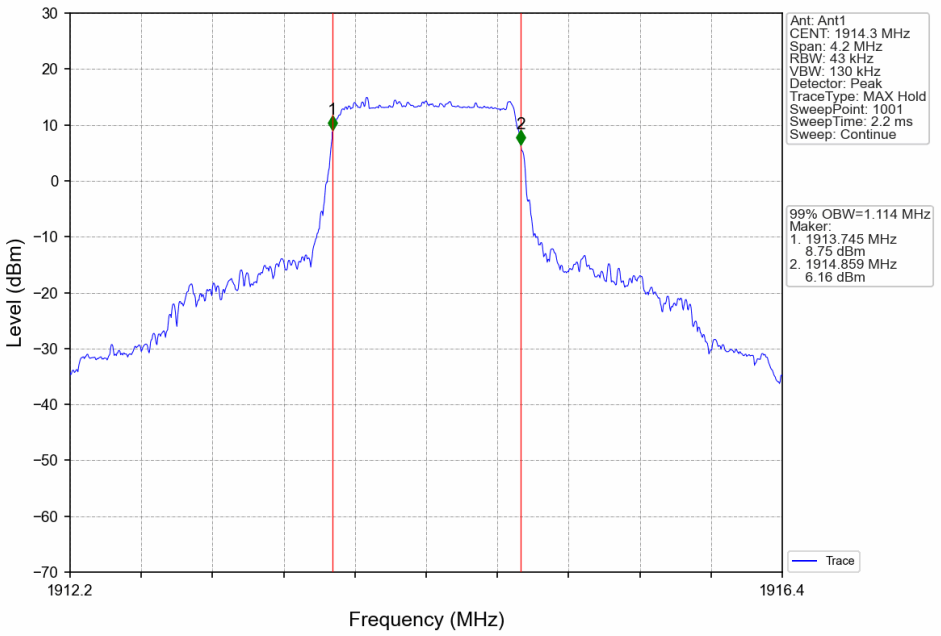
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



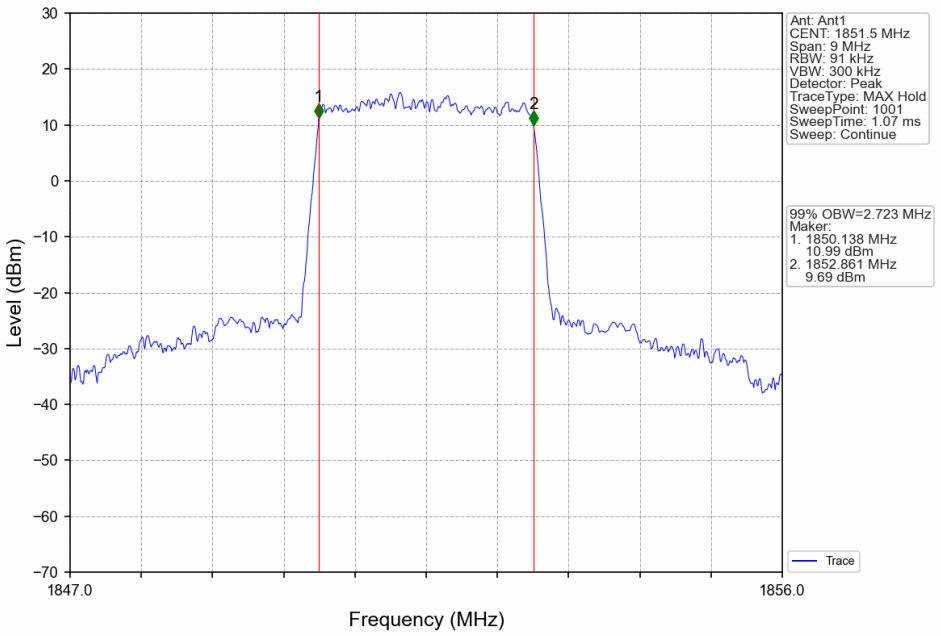
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



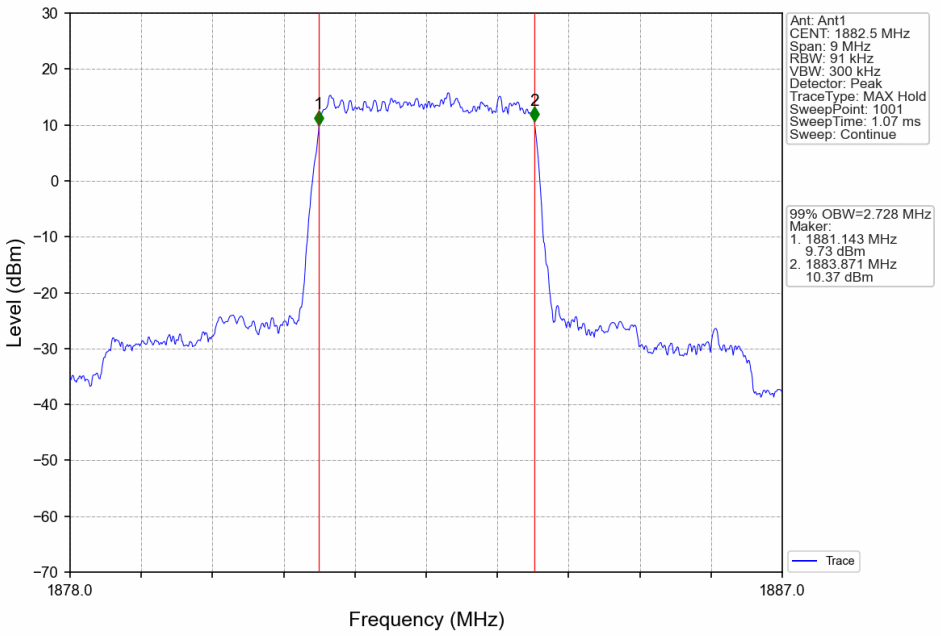
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



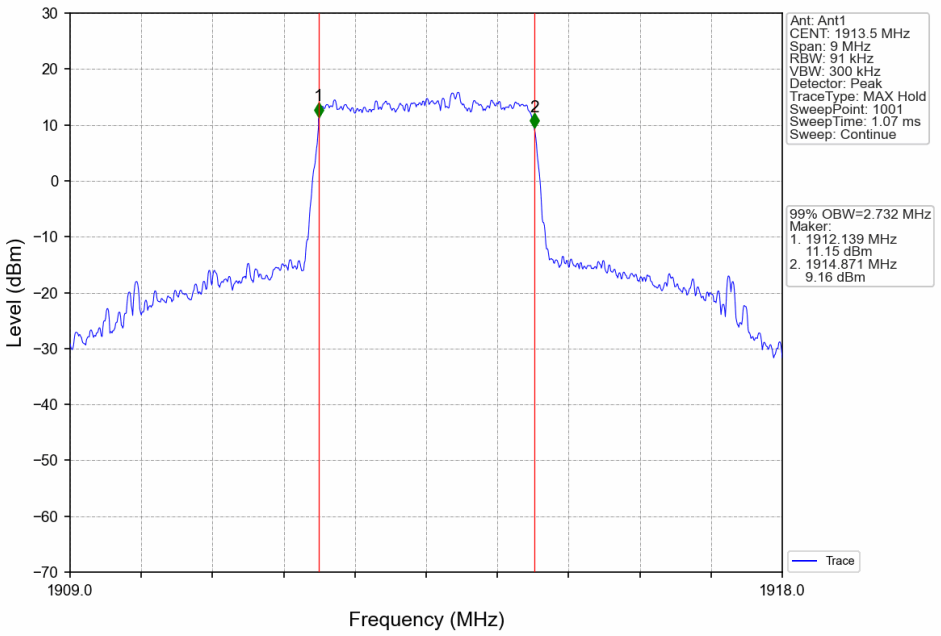
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



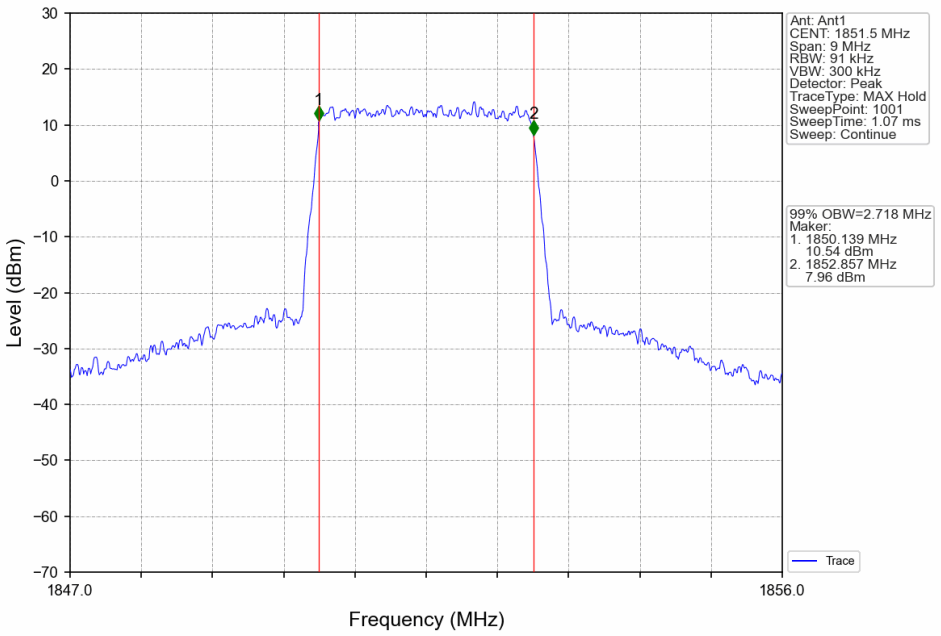
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



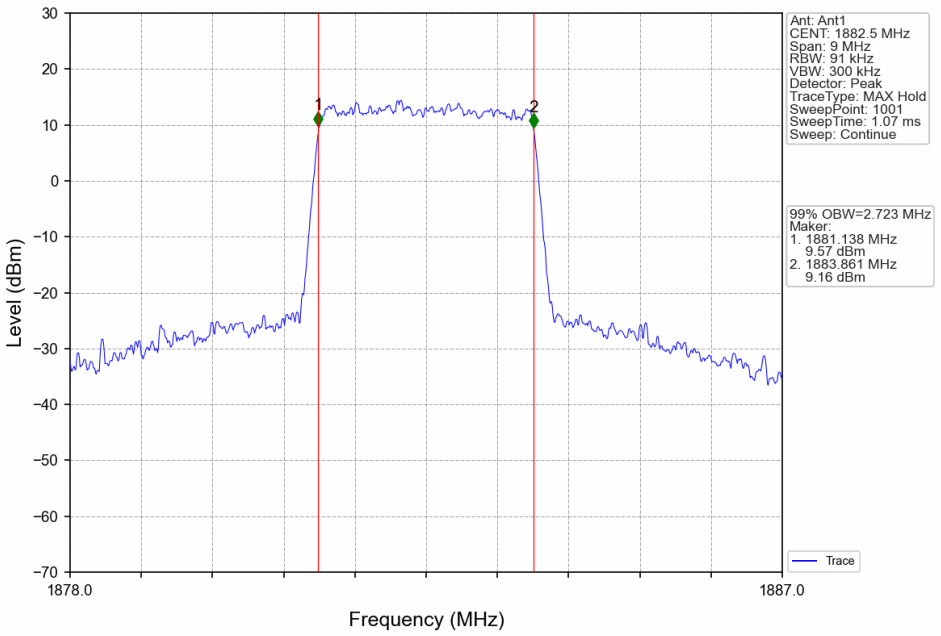
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



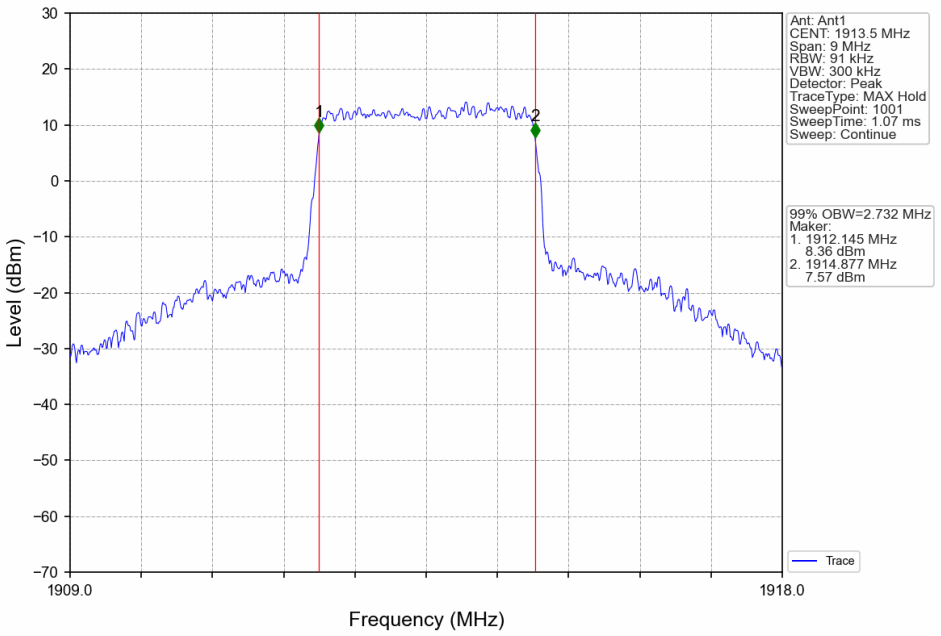
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



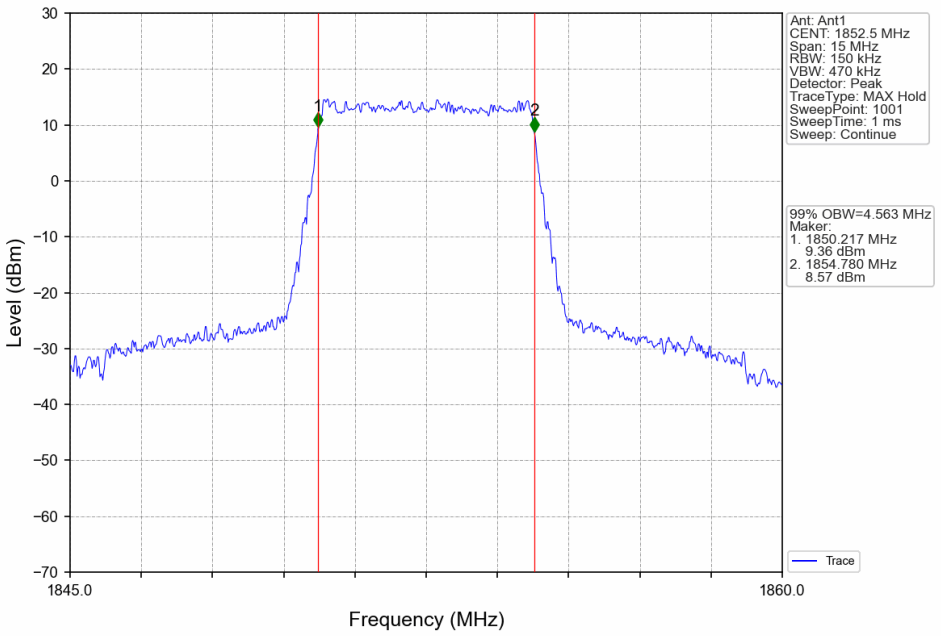
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



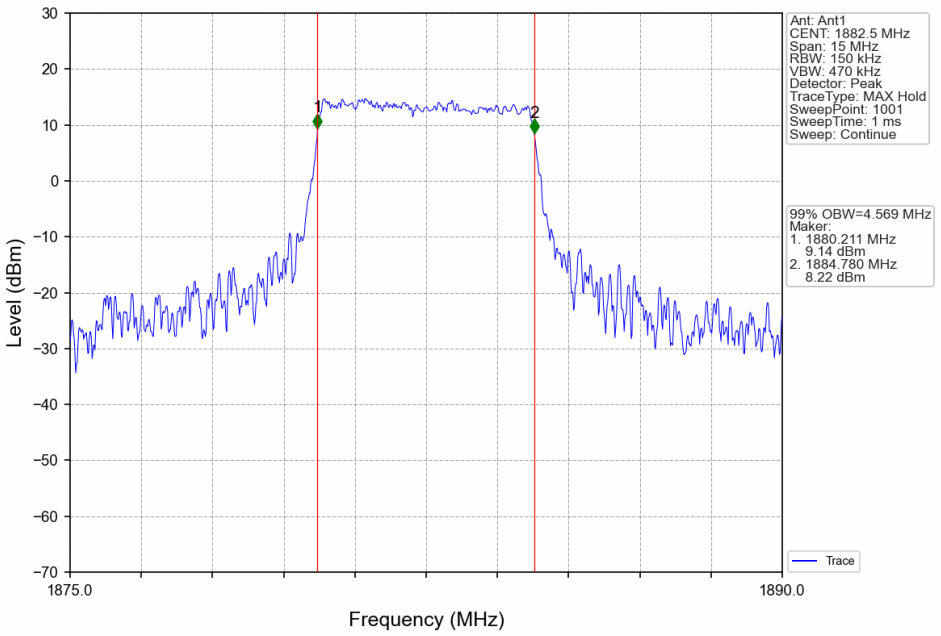
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



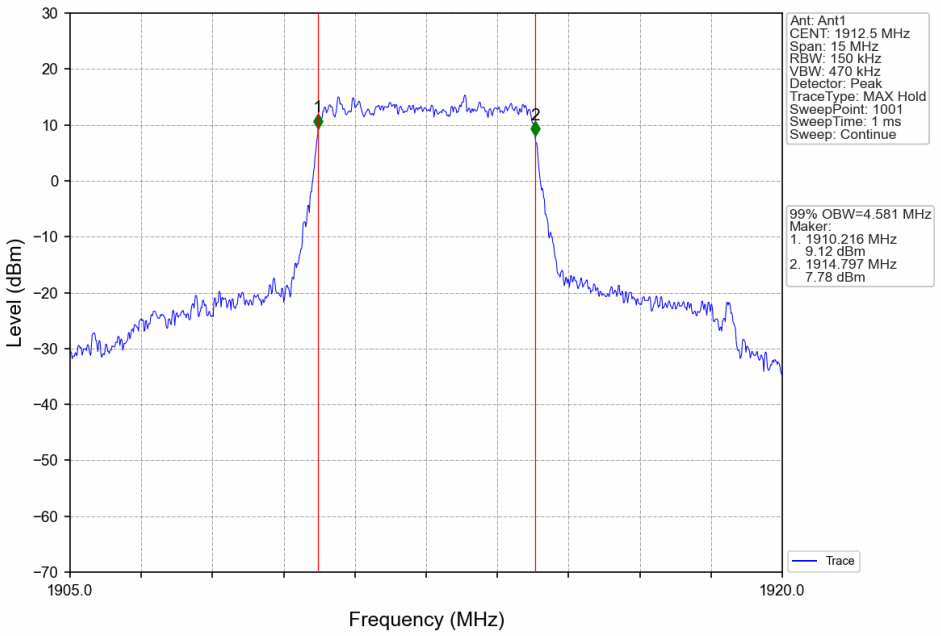
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



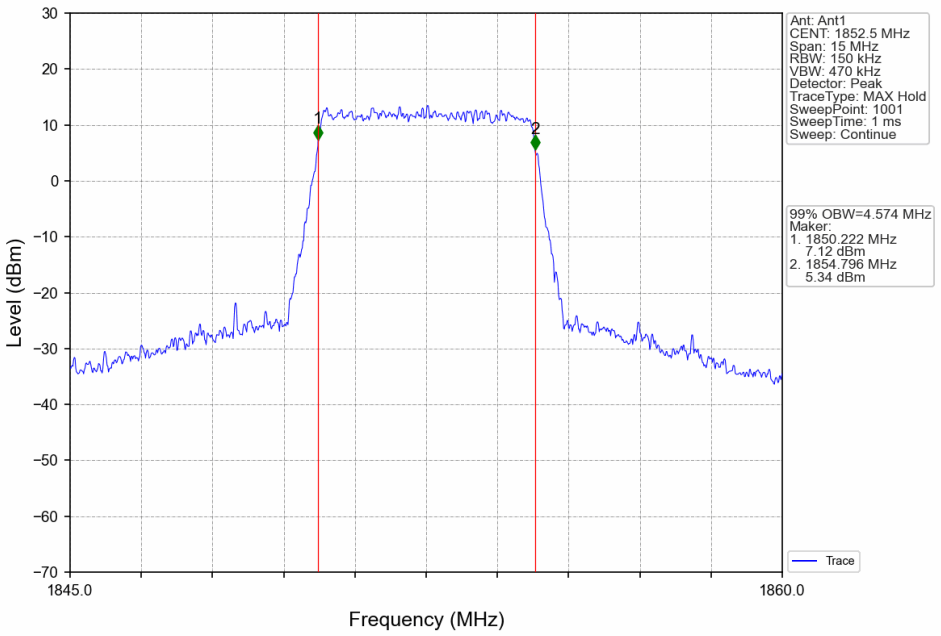
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



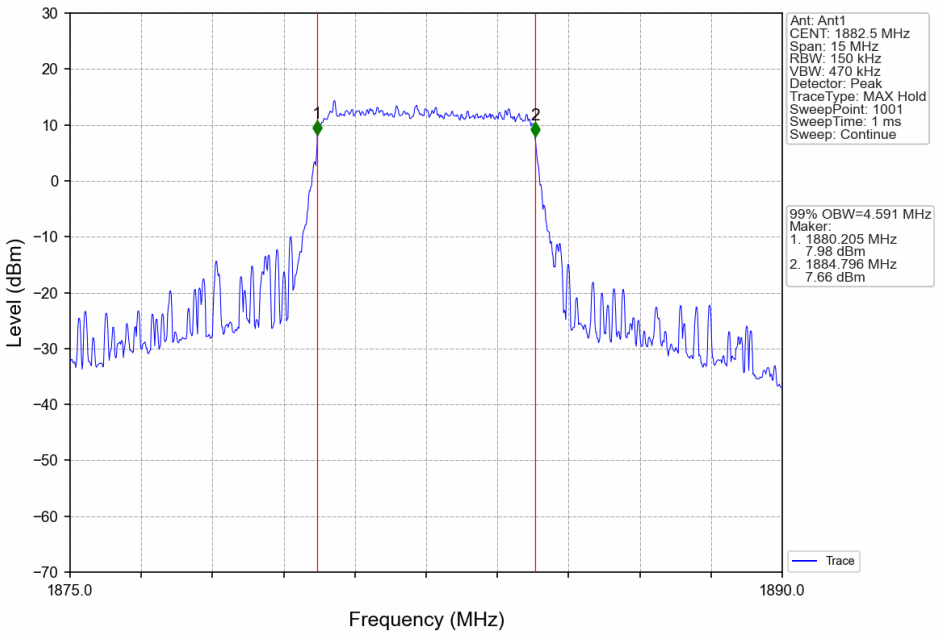
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



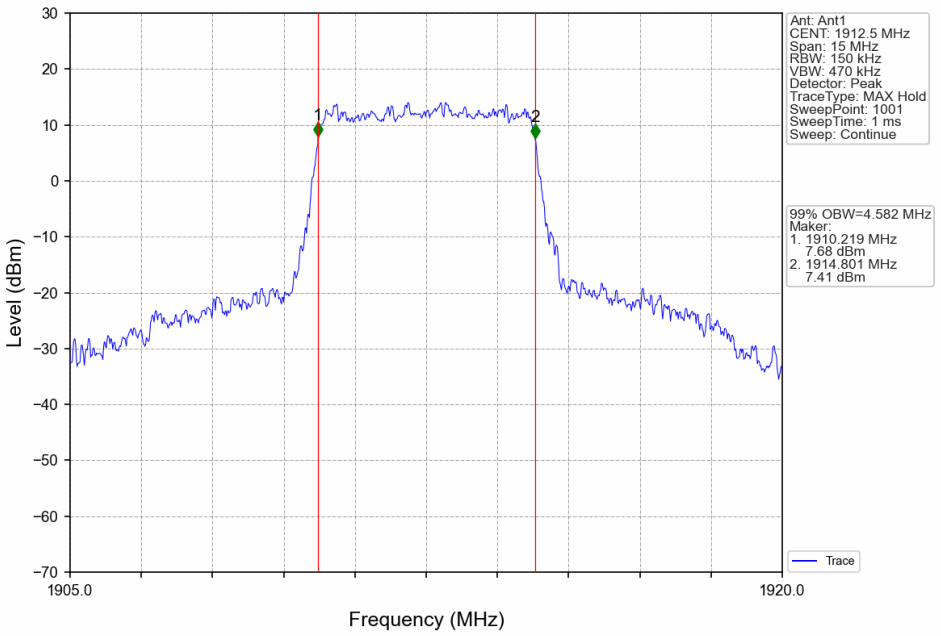
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



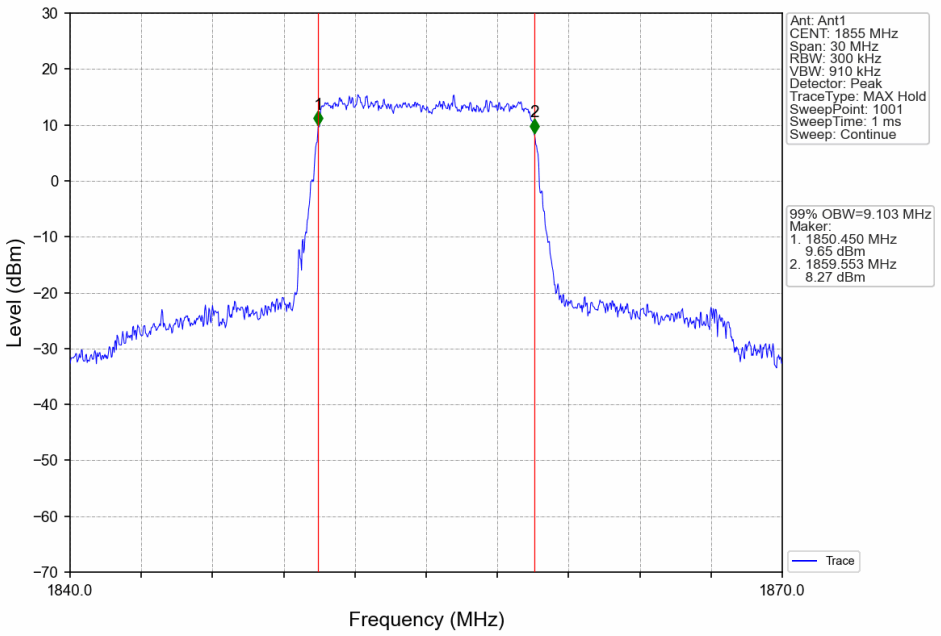
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



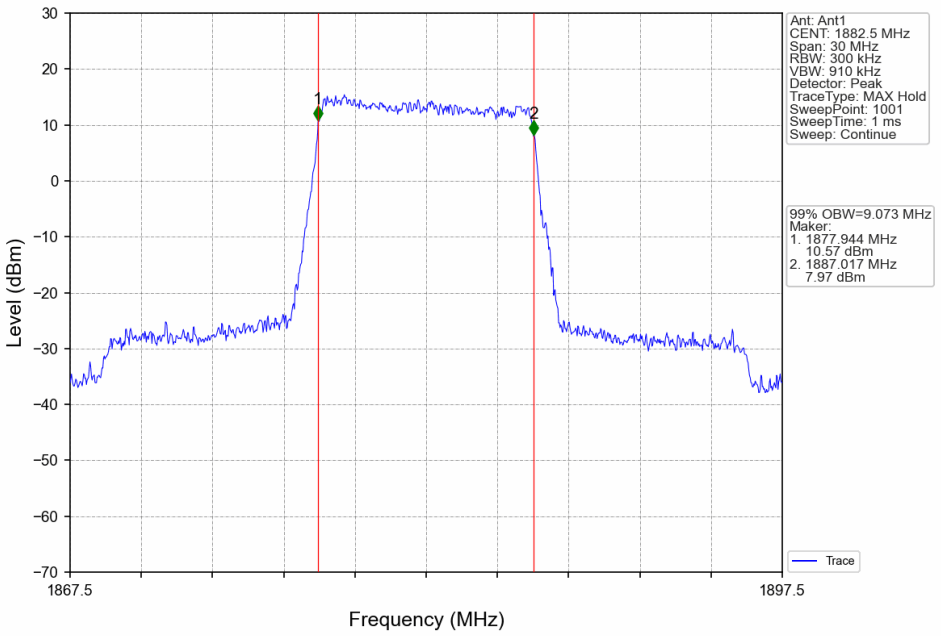
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



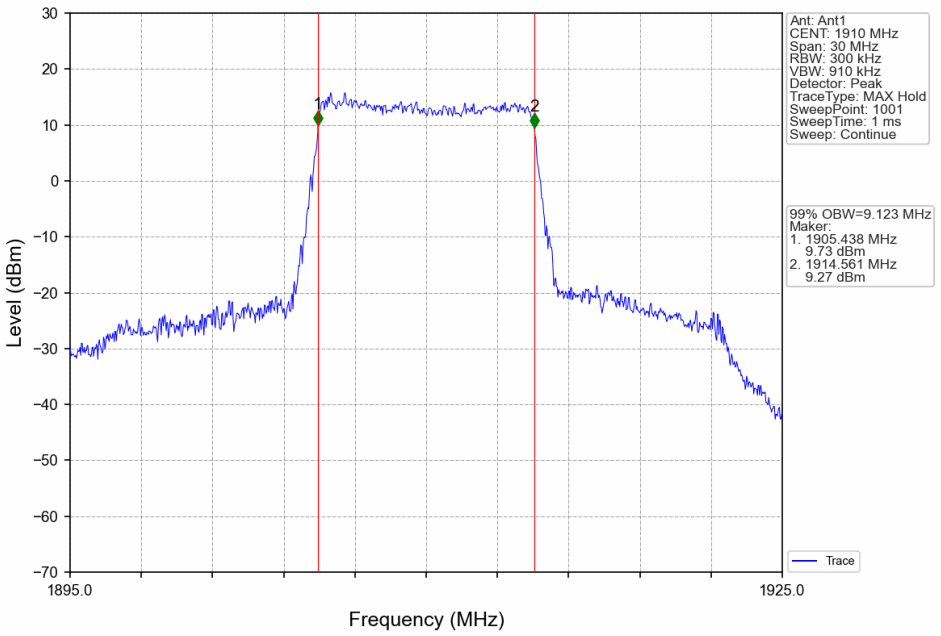
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



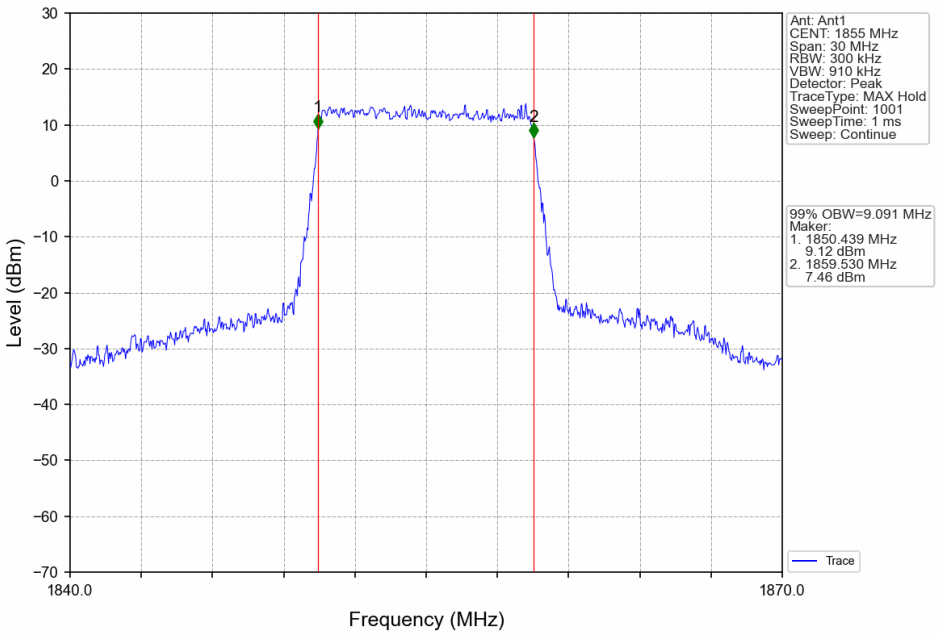
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



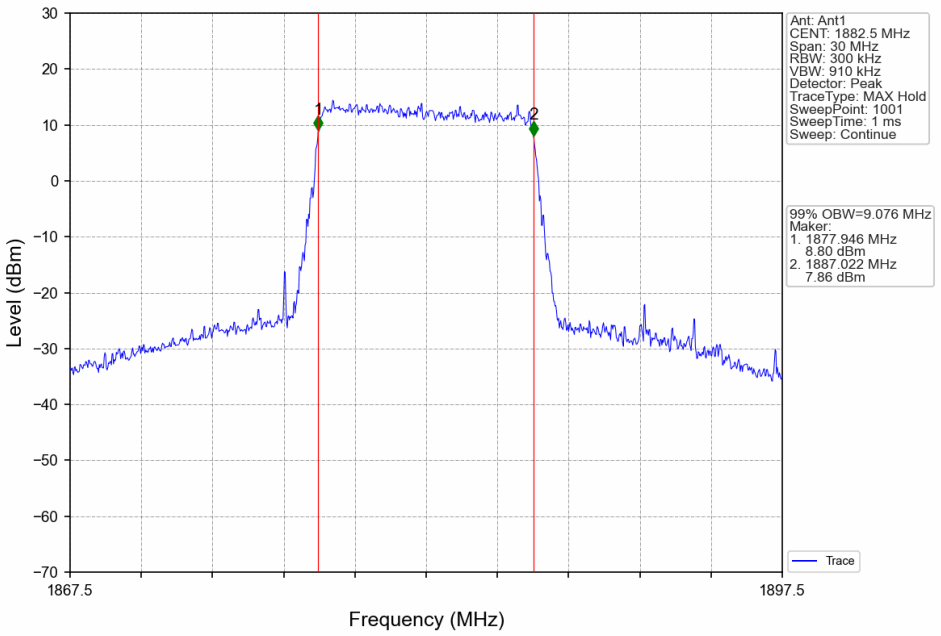
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



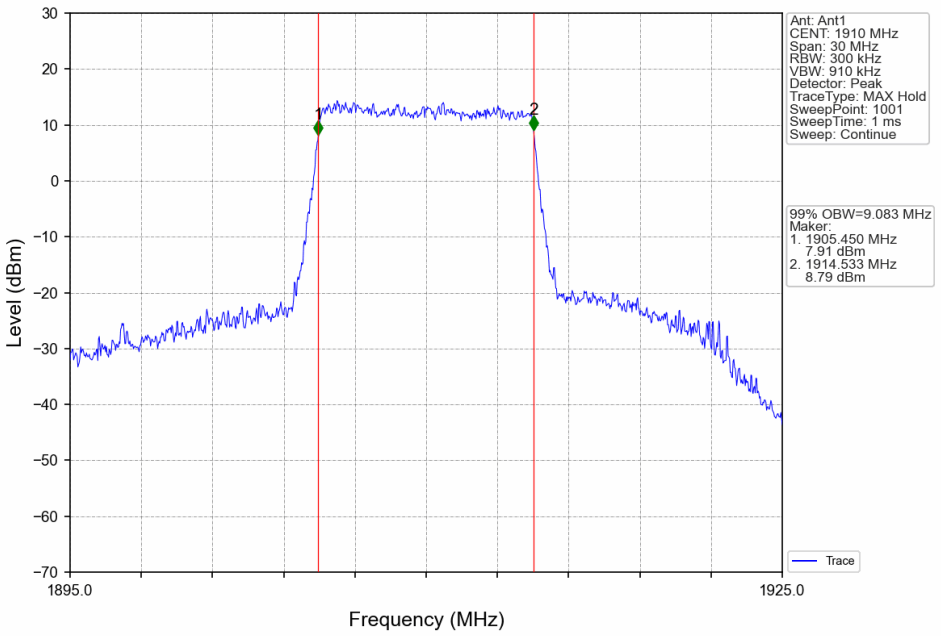
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



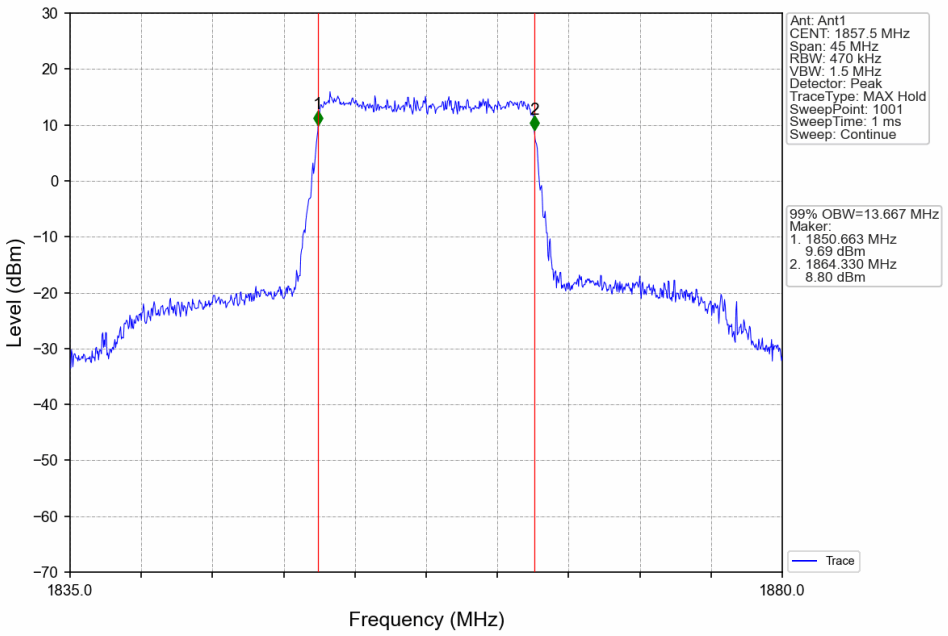
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



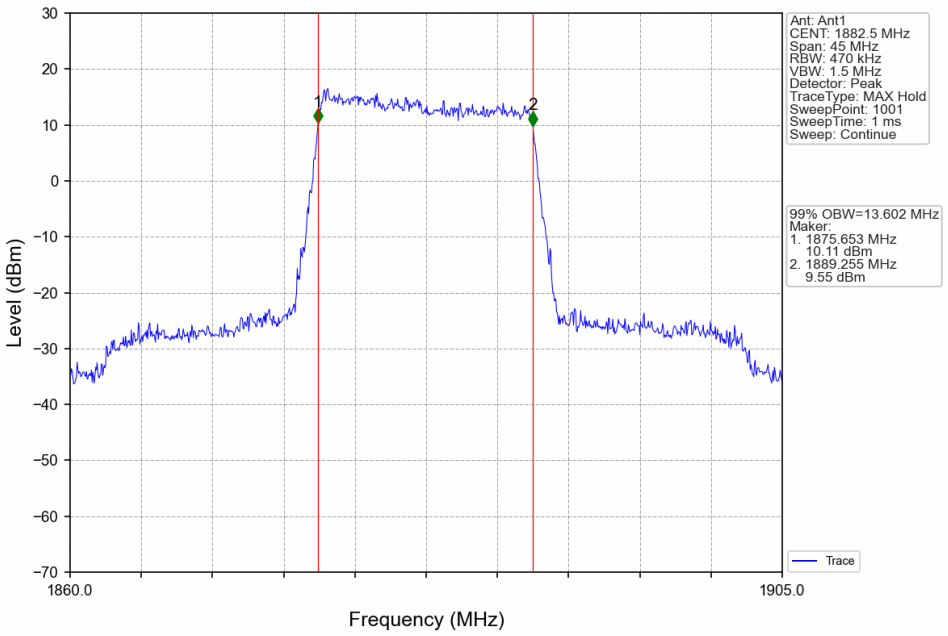
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



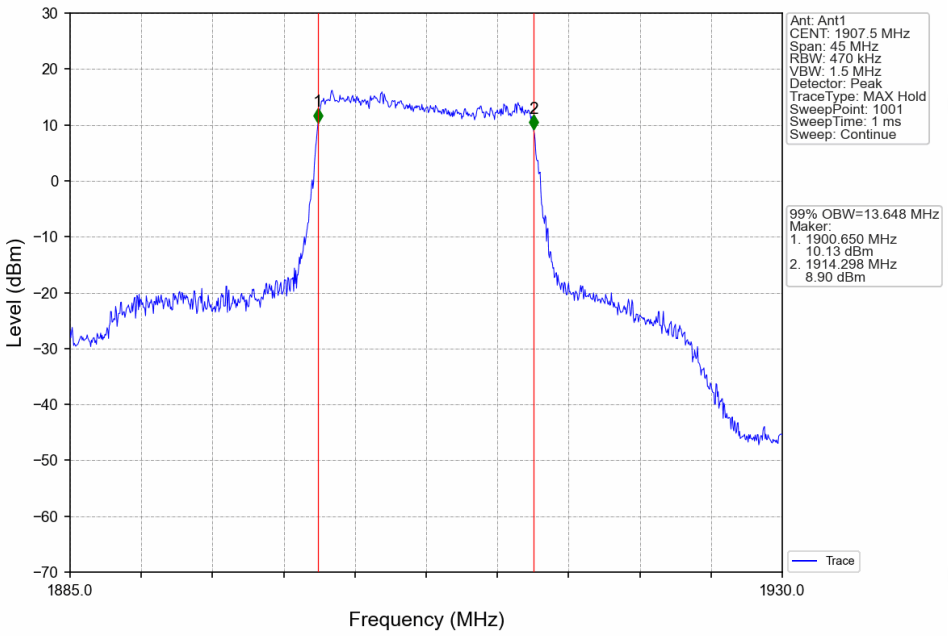
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



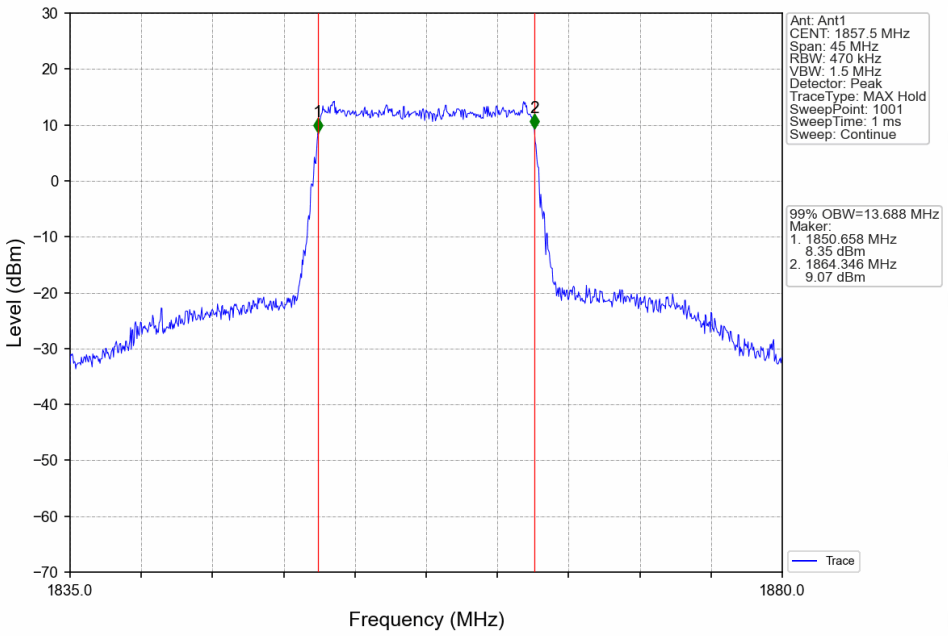
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



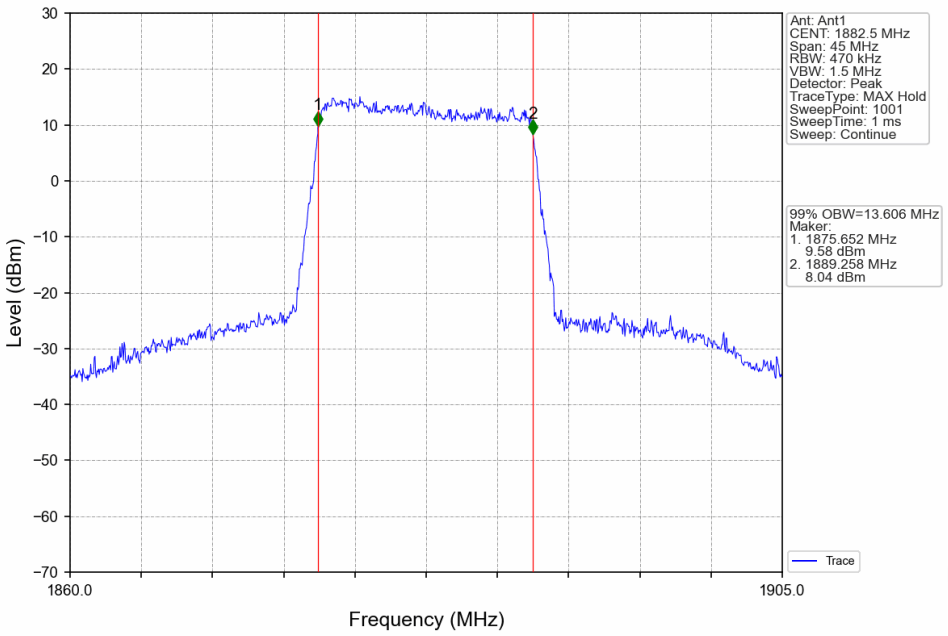
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



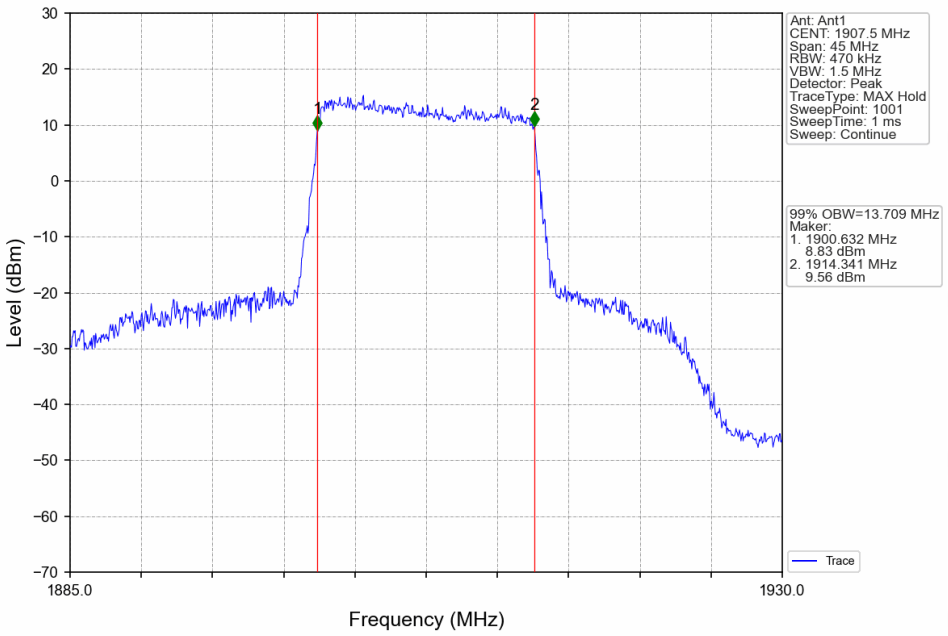
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



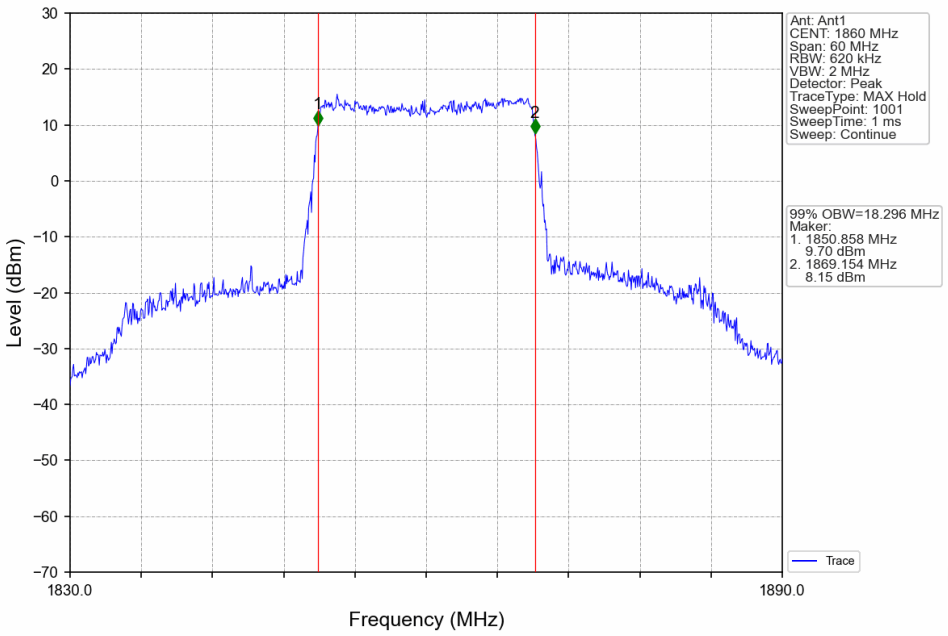
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



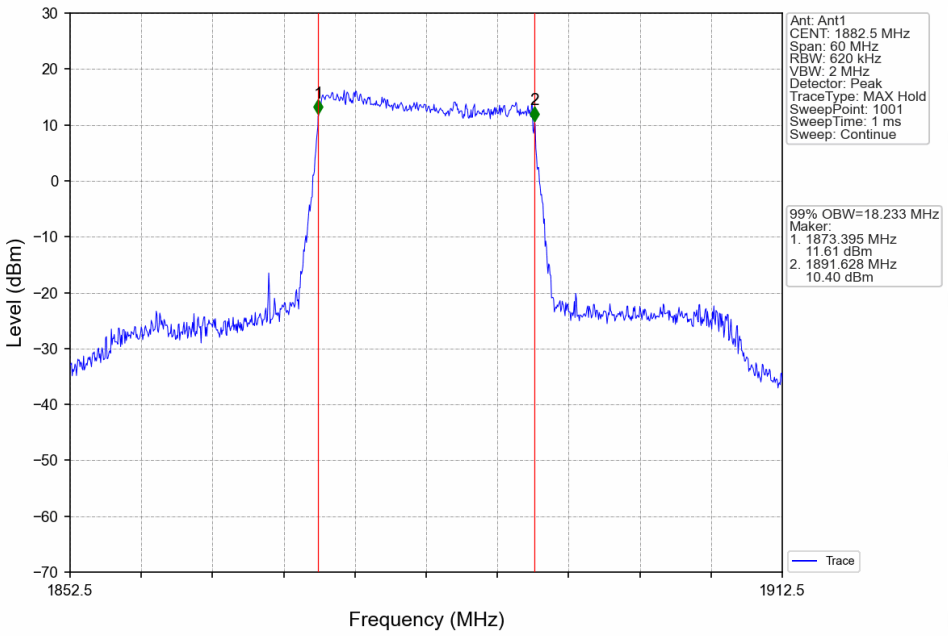
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



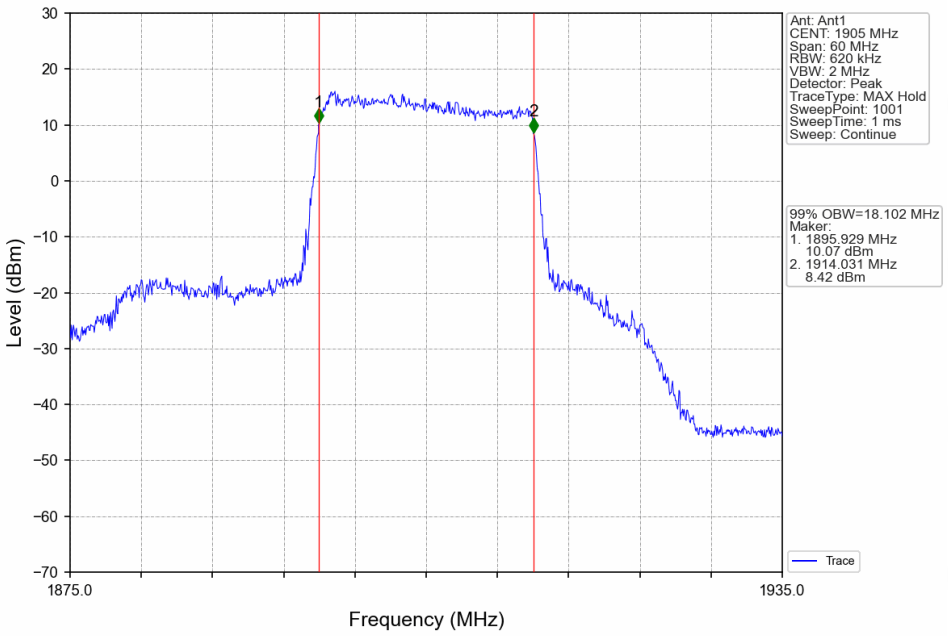
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



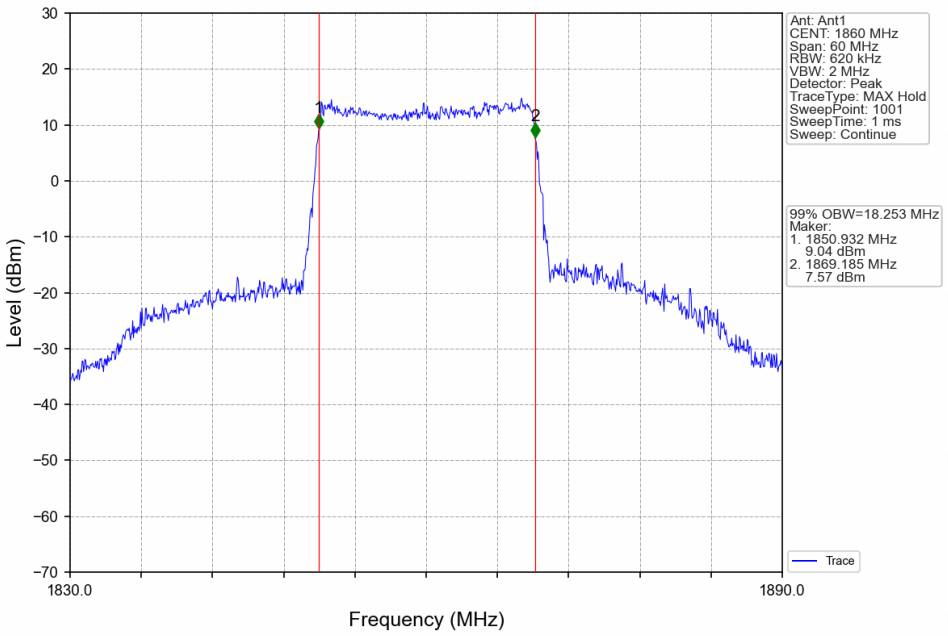
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



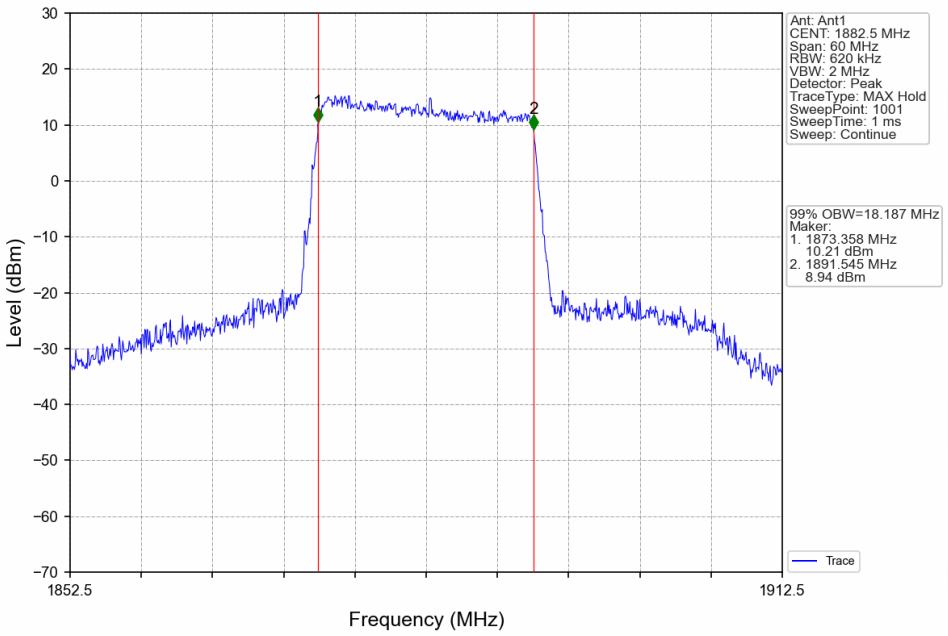
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



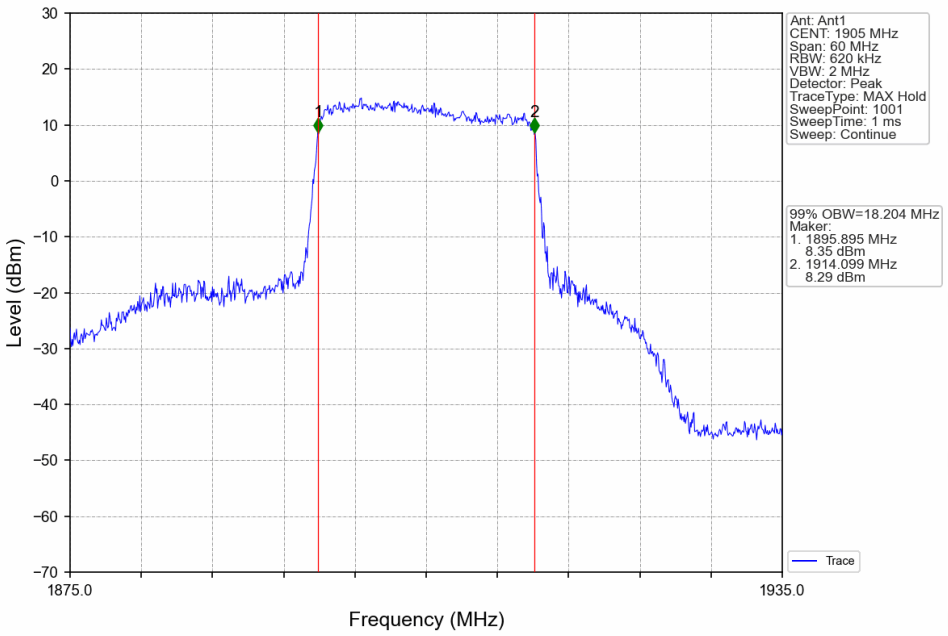
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



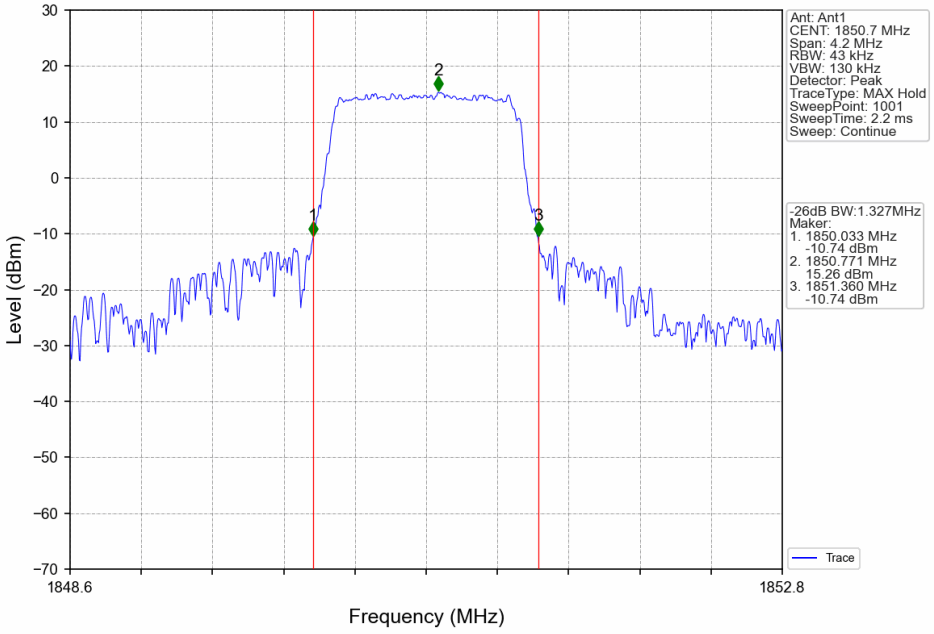
4.2 Band25_XDB

4.2.1 Test Result

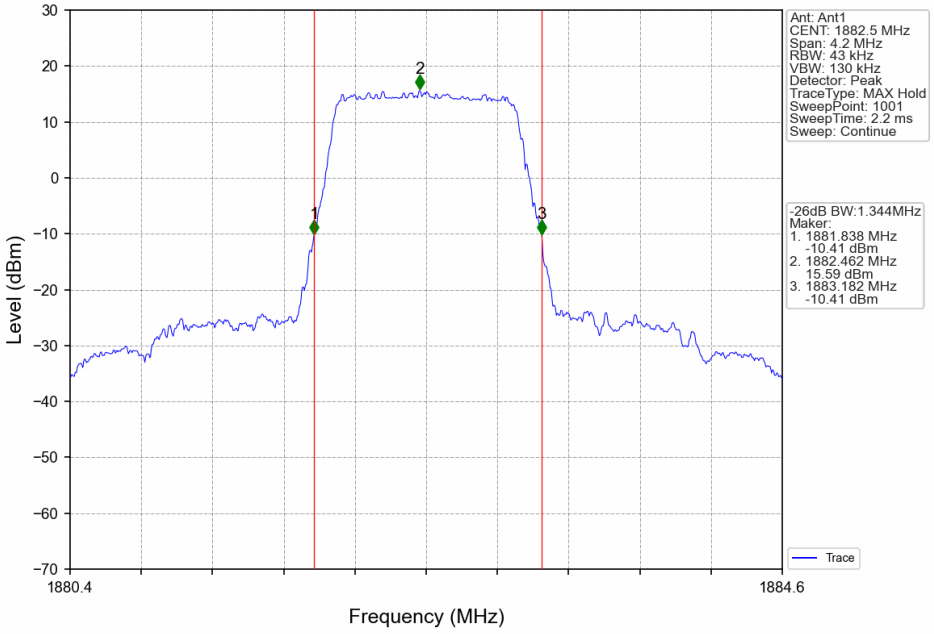
Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.327	Pass
		1882.5	6	0	1.344	Pass
		1914.3	6	0	1.338	Pass
	16QAM	1850.7	6	0	1.318	Pass
		1882.5	6	0	1.319	Pass
		1914.3	6	0	1.338	Pass
3	QPSK	1851.5	15	0	2.994	Pass
		1882.5	15	0	2.982	Pass
		1913.5	15	0	3.000	Pass
	16QAM	1851.5	15	0	3.001	Pass
		1882.5	15	0	2.993	Pass
		1913.5	15	0	2.987	Pass
5	QPSK	1852.5	25	0	5.260	Pass
		1882.5	25	0	5.591	Pass
		1912.5	25	0	5.271	Pass
	16QAM	1852.5	25	0	5.264	Pass
		1882.5	25	0	5.704	Pass
		1912.5	25	0	5.413	Pass
10	QPSK	1855	50	0	10.318	Pass
		1882.5	50	0	10.302	Pass
		1910	50	0	10.345	Pass
	16QAM	1855	50	0	10.367	Pass
		1882.5	50	0	10.118	Pass
		1910	50	0	10.264	Pass
15	QPSK	1857.5	75	0	15.454	Pass
		1882.5	75	0	15.152	Pass
		1907.5	75	0	15.293	Pass
	16QAM	1857.5	75	0	15.298	Pass
		1882.5	75	0	15.329	Pass
		1907.5	75	0	15.384	Pass
20	QPSK	1860	100	0	20.400	Pass
		1882.5	100	0	20.046	Pass
		1905	100	0	20.010	Pass
	16QAM	1860	100	0	20.143	Pass
		1882.5	100	0	20.269	Pass
		1905	100	0	19.974	Pass

4.2.2 Test Graph

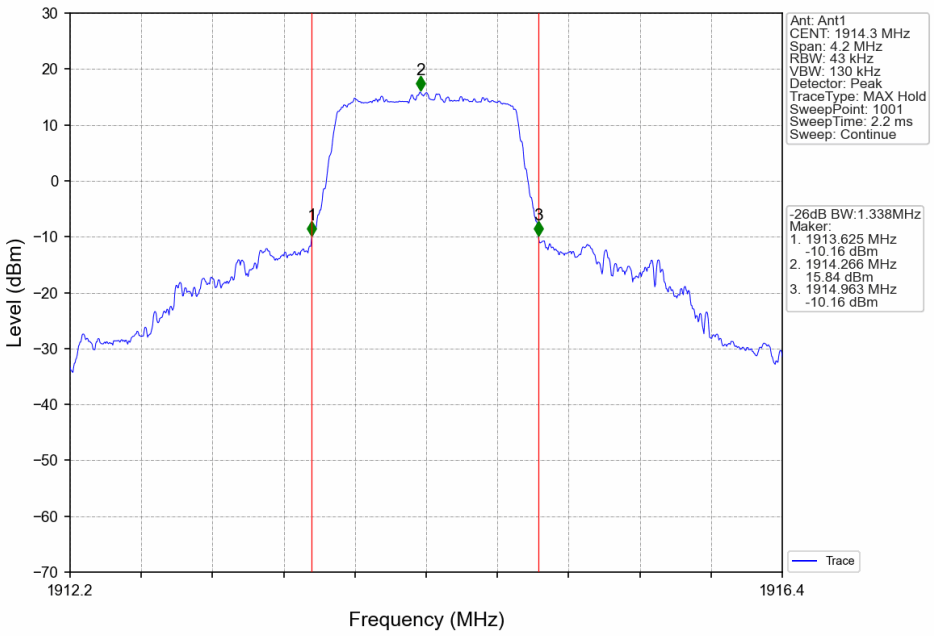
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



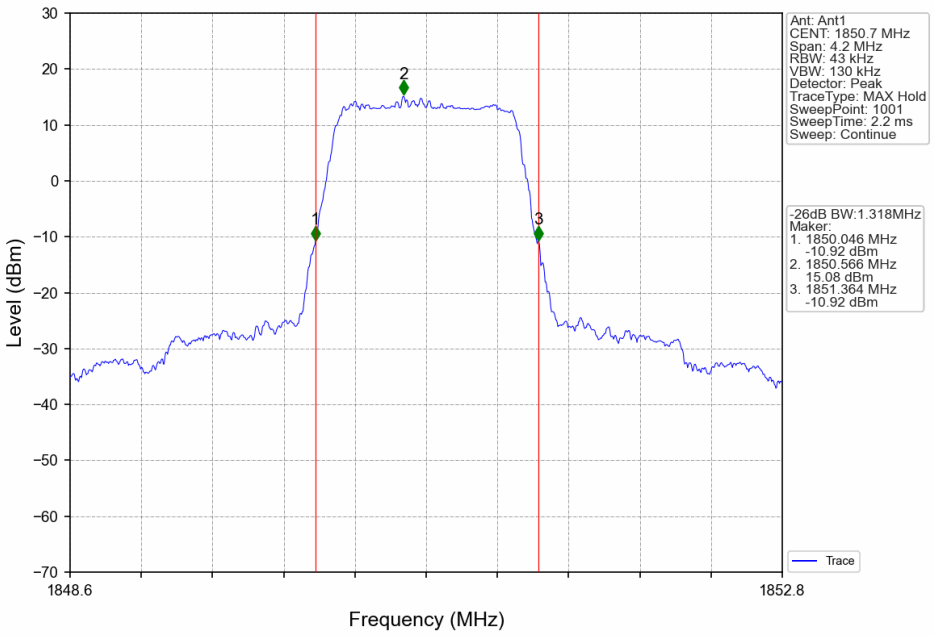
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



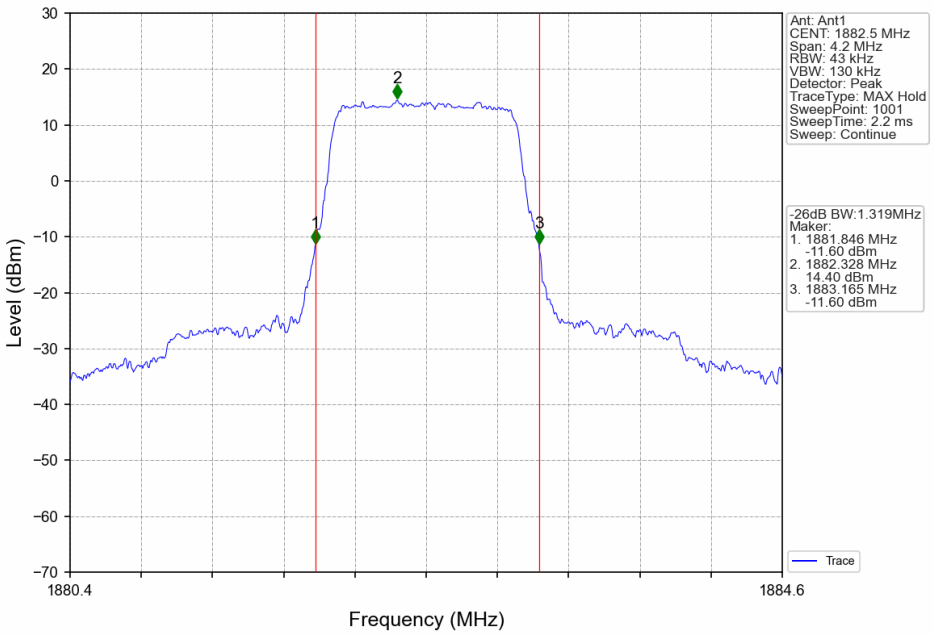
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



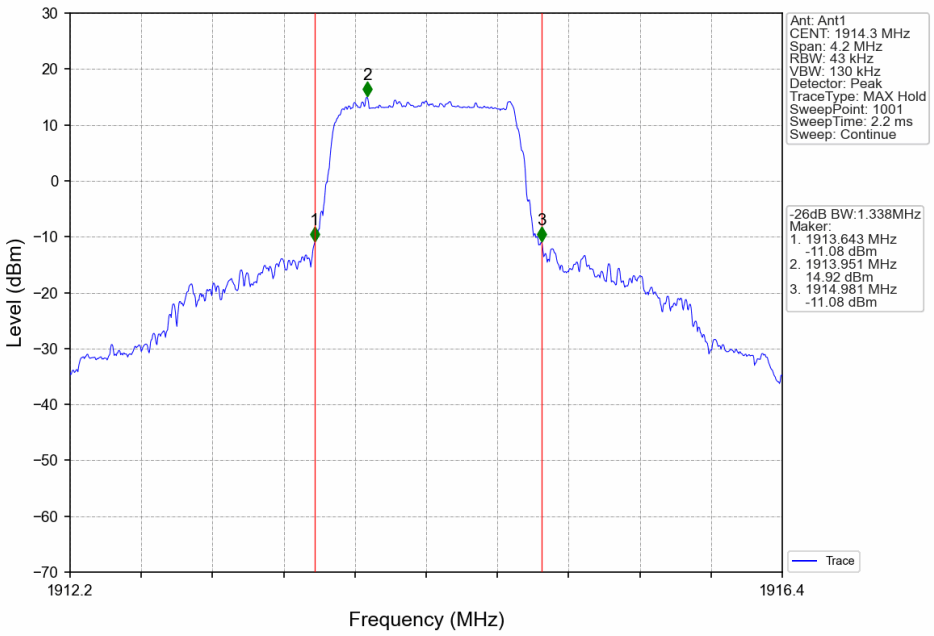
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



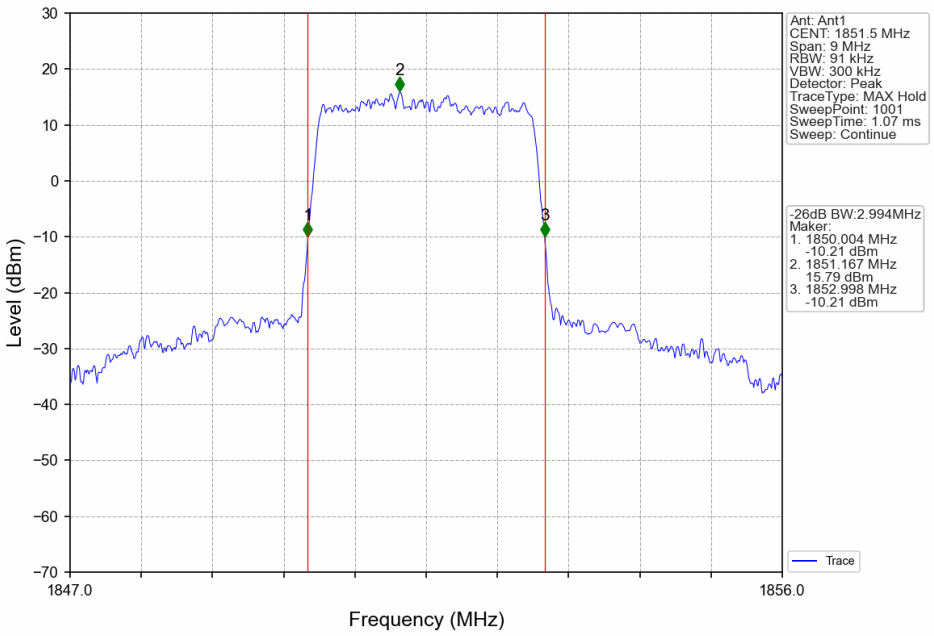
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



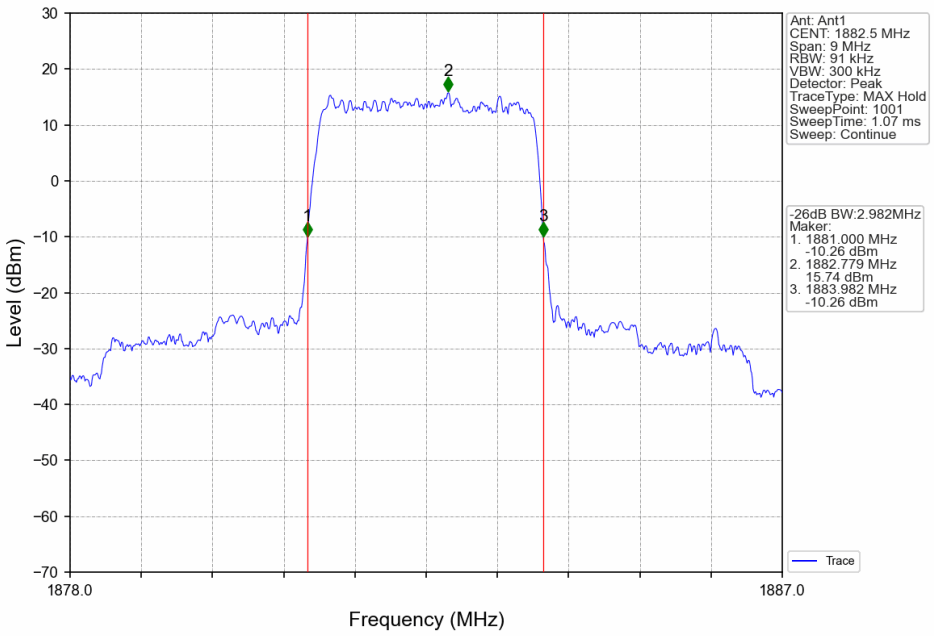
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



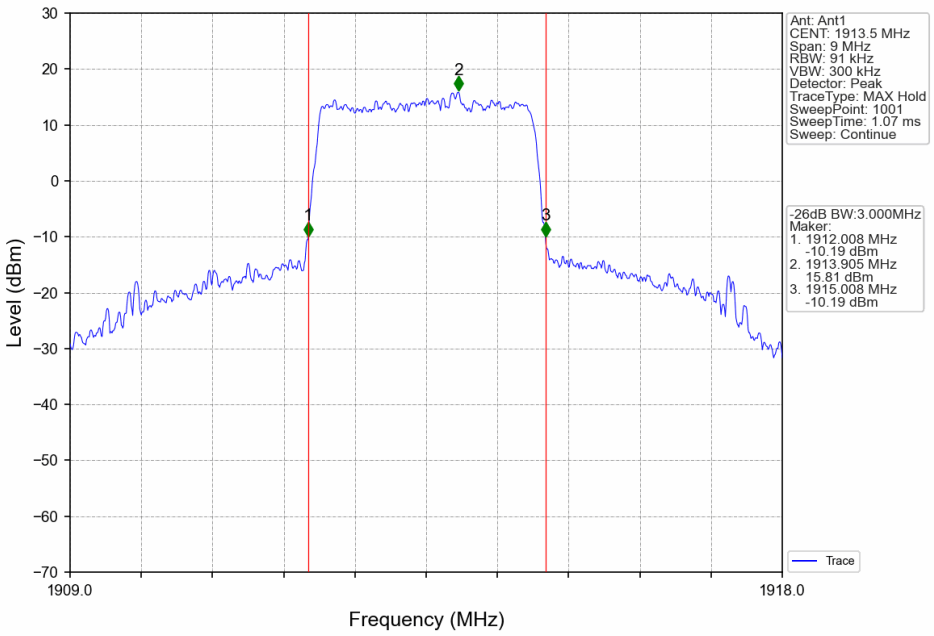
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



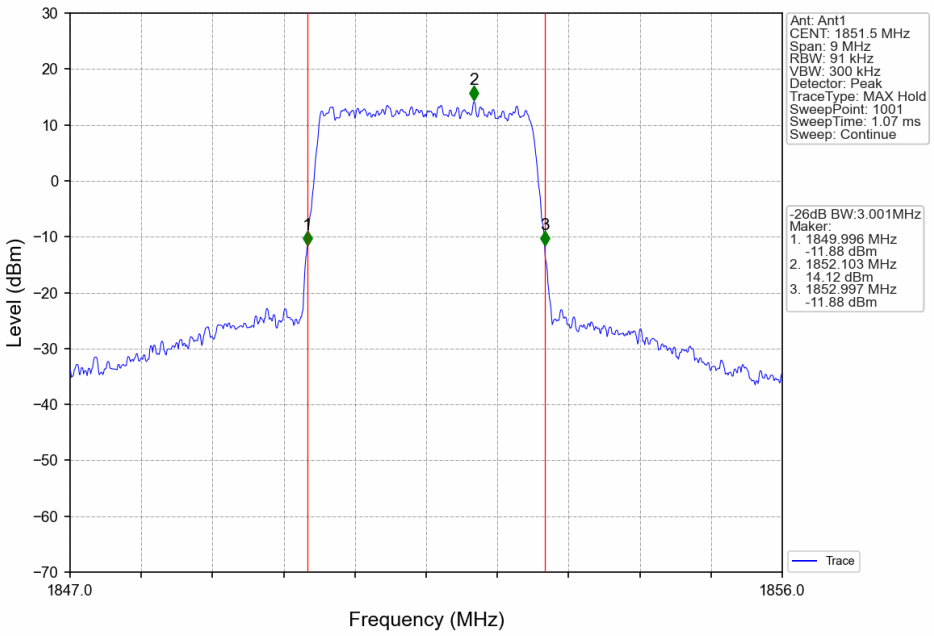
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



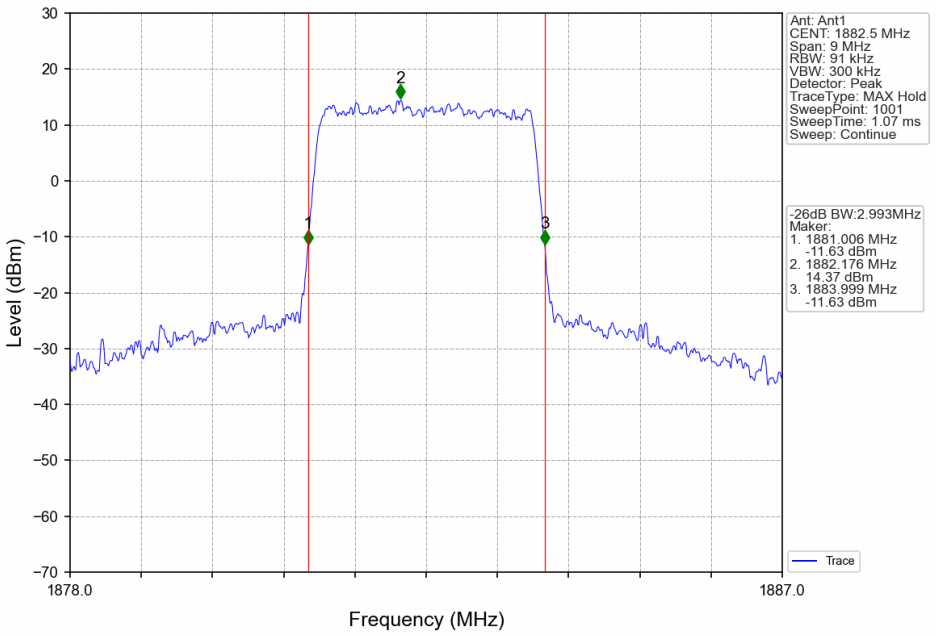
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



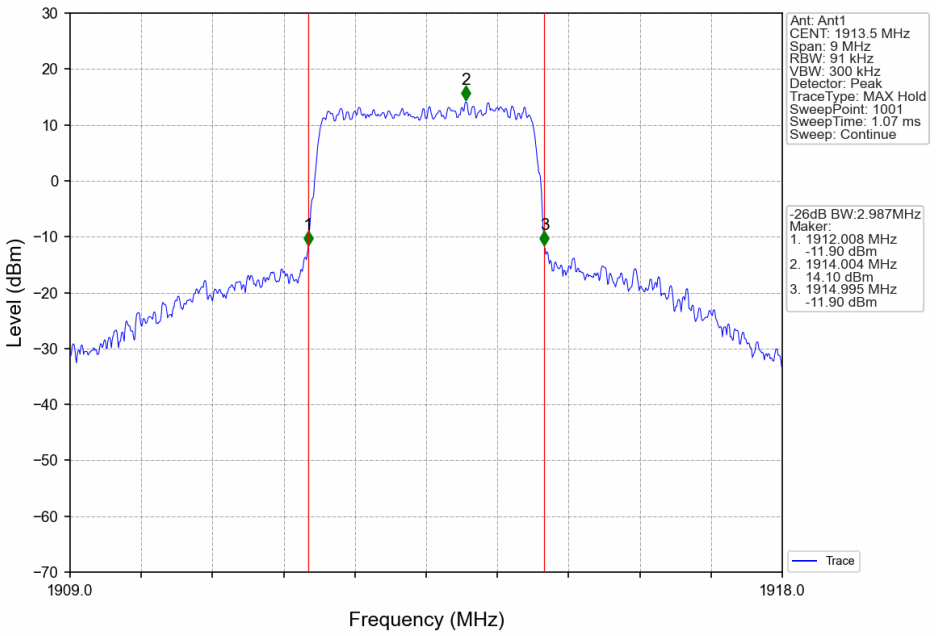
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



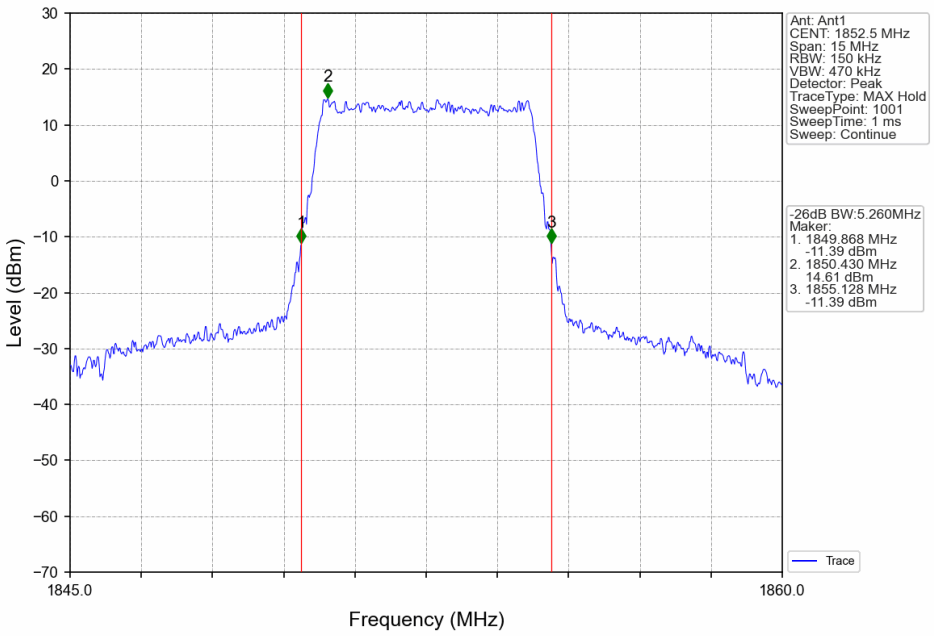
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



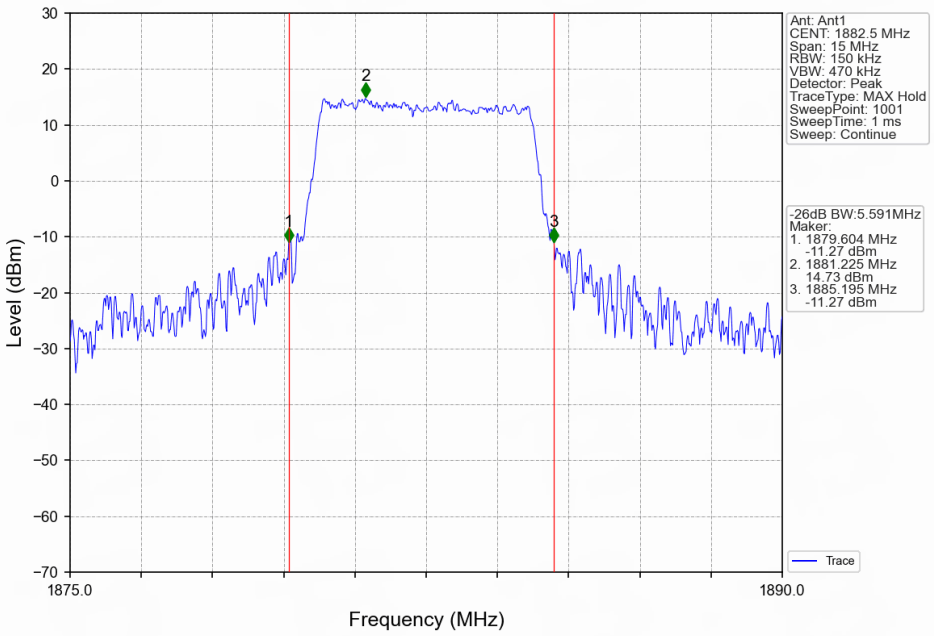
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



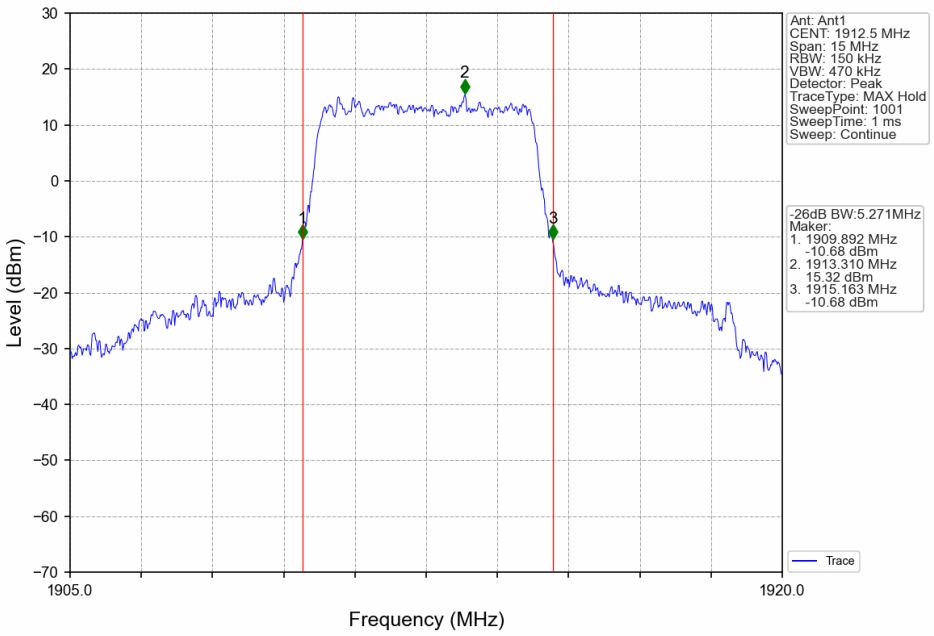
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



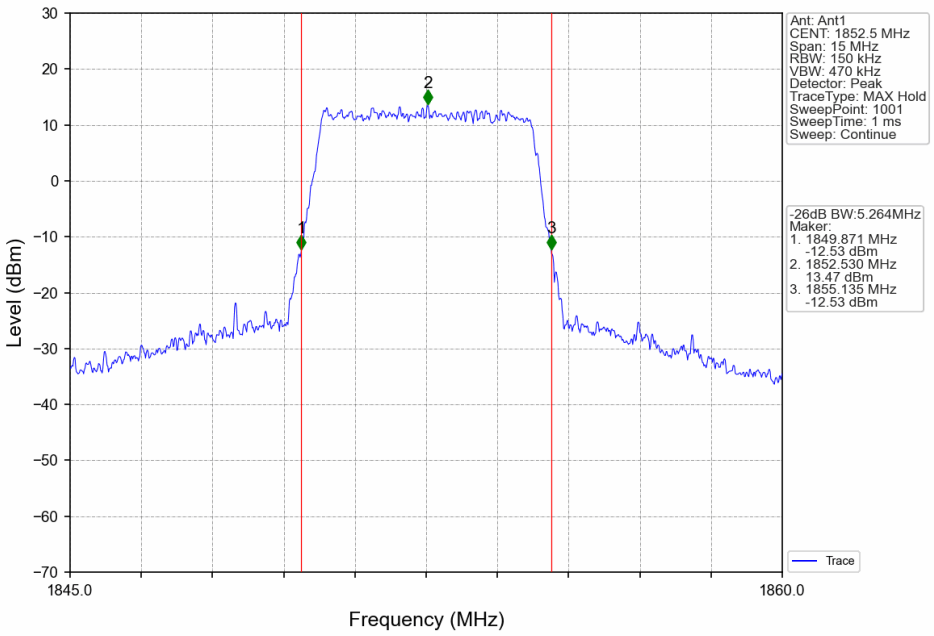
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



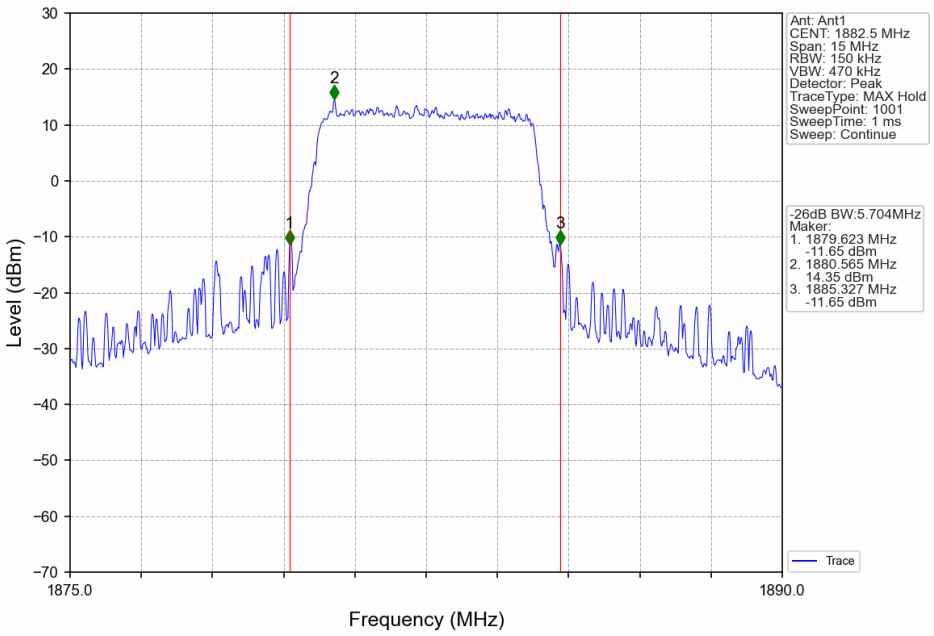
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



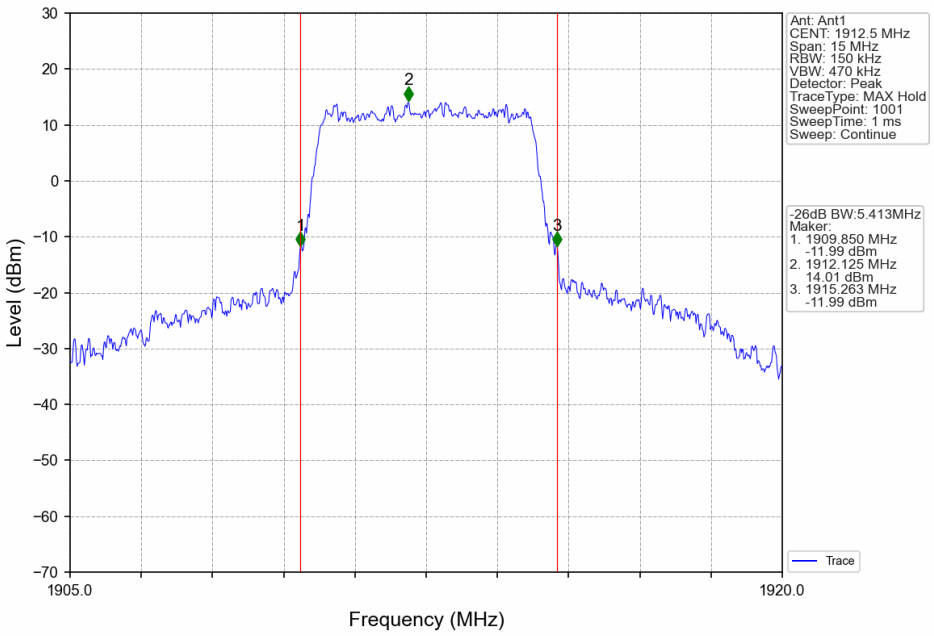
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



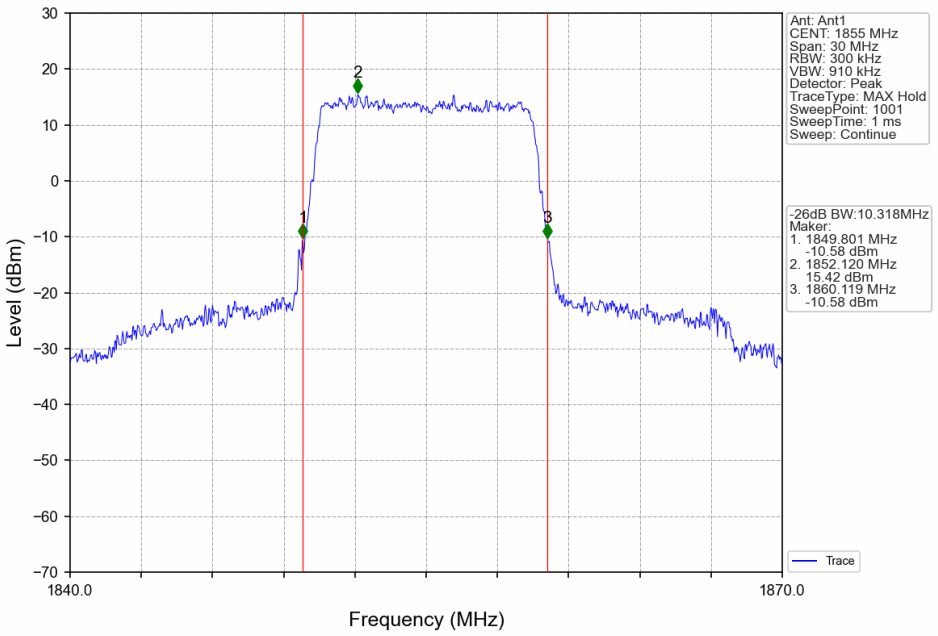
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



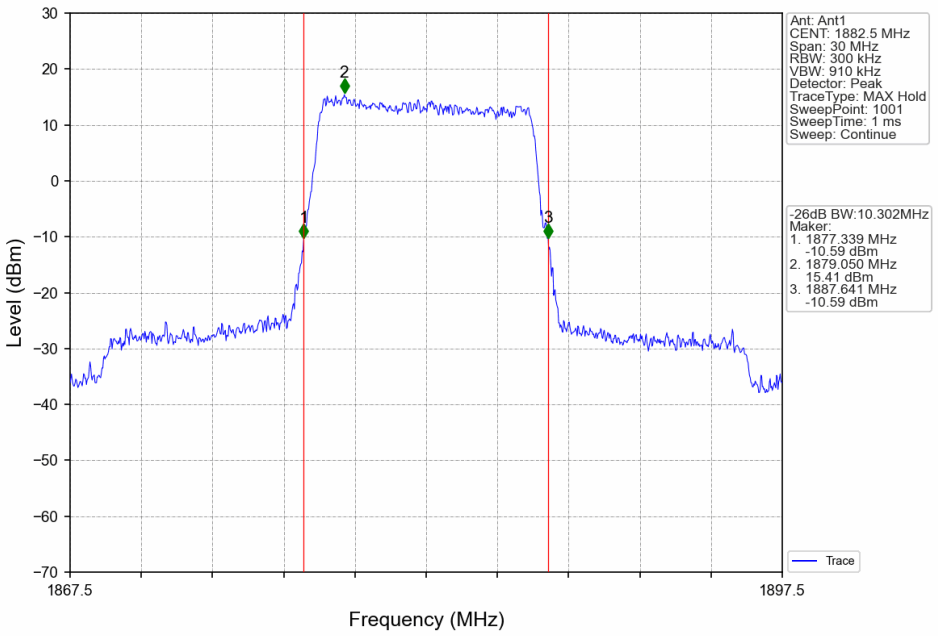
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



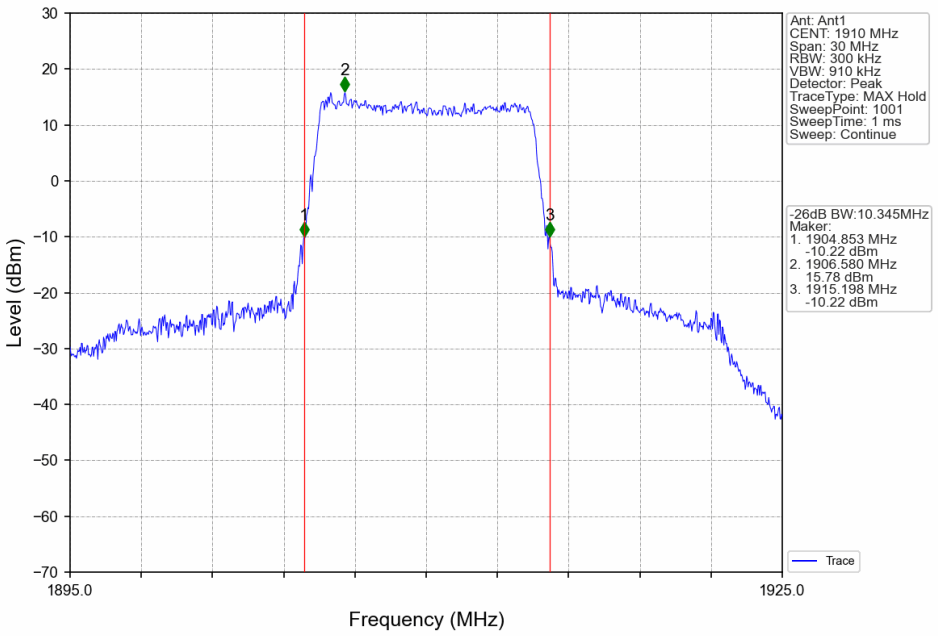
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



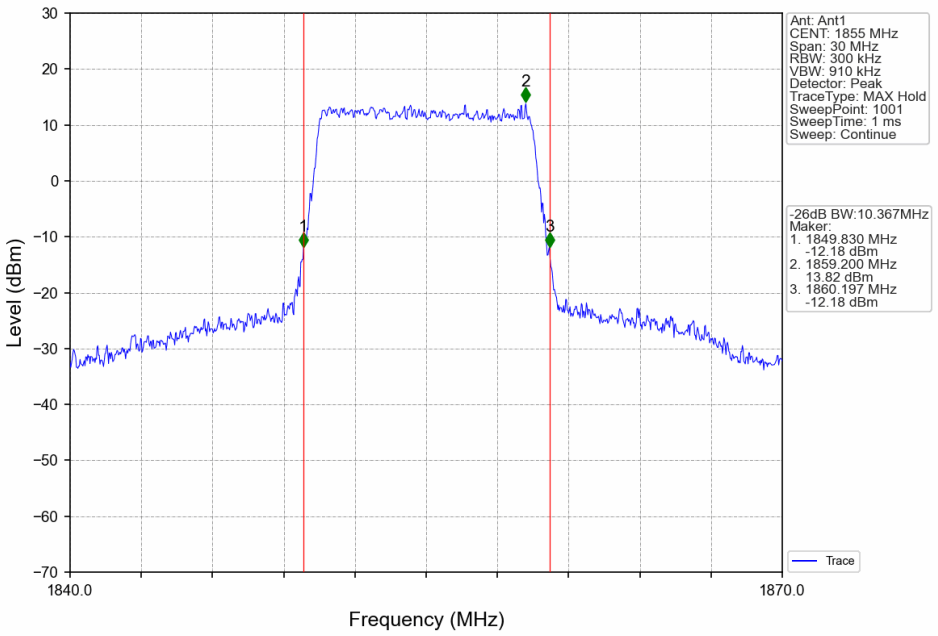
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



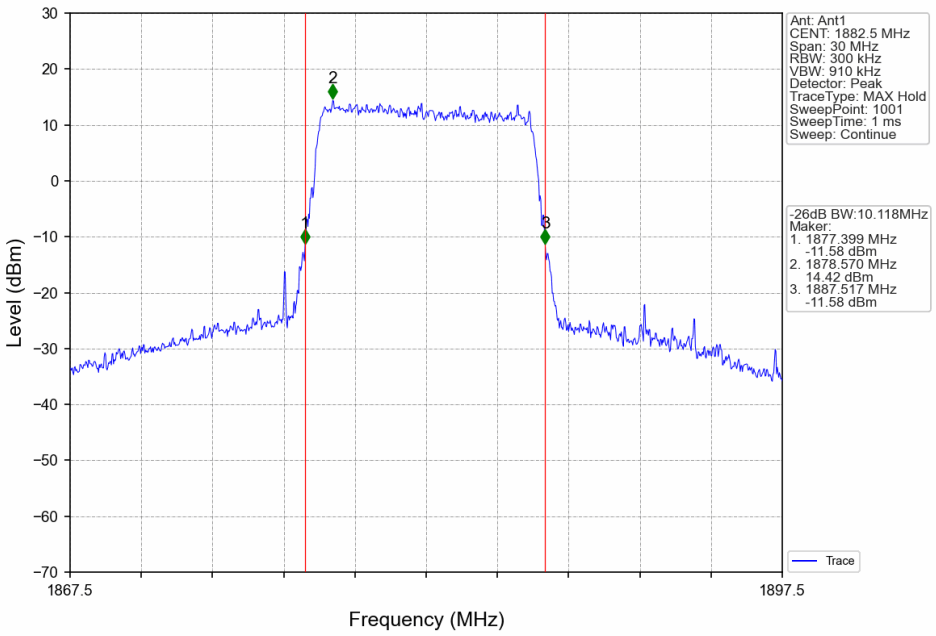
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



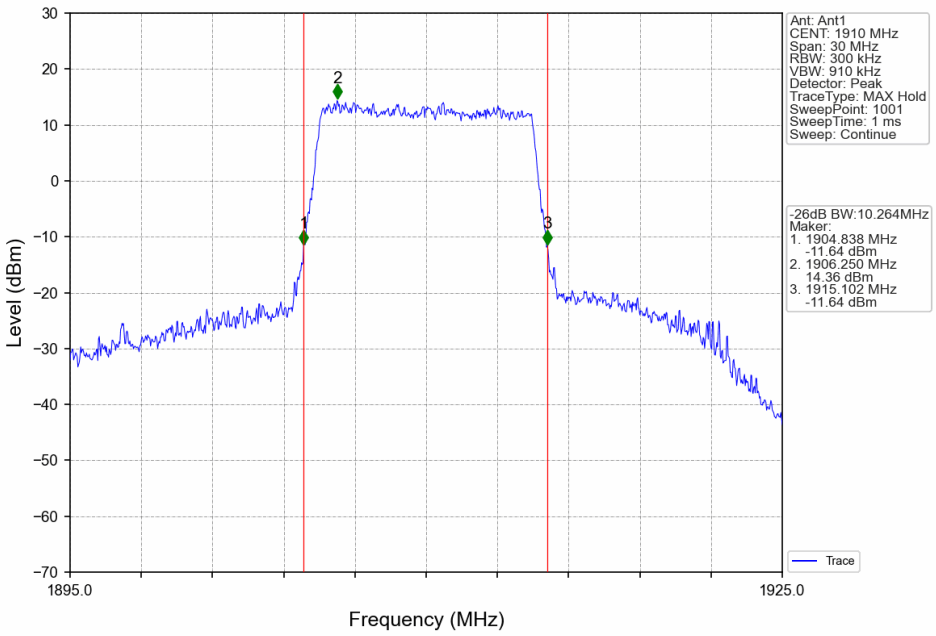
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



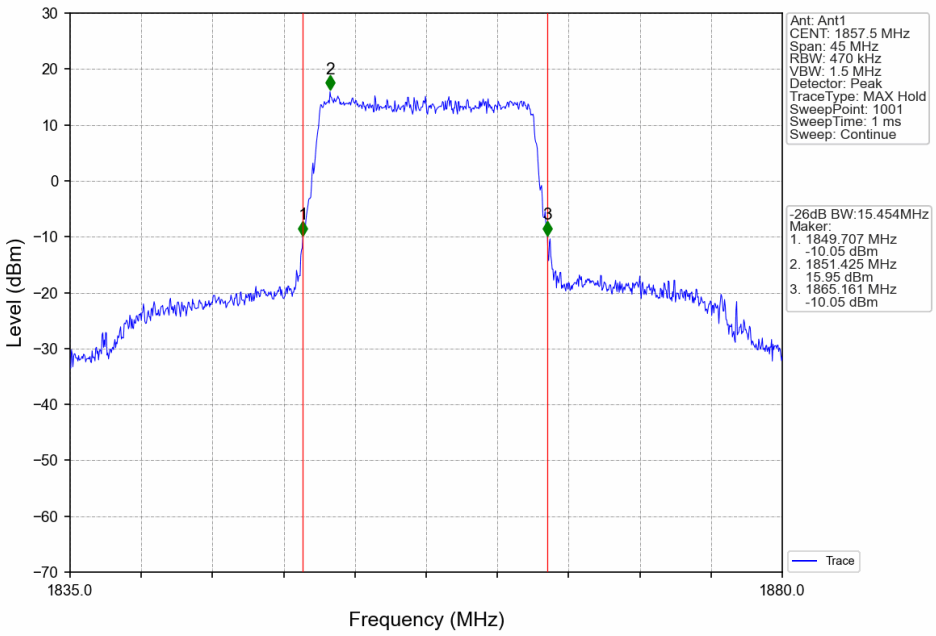
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



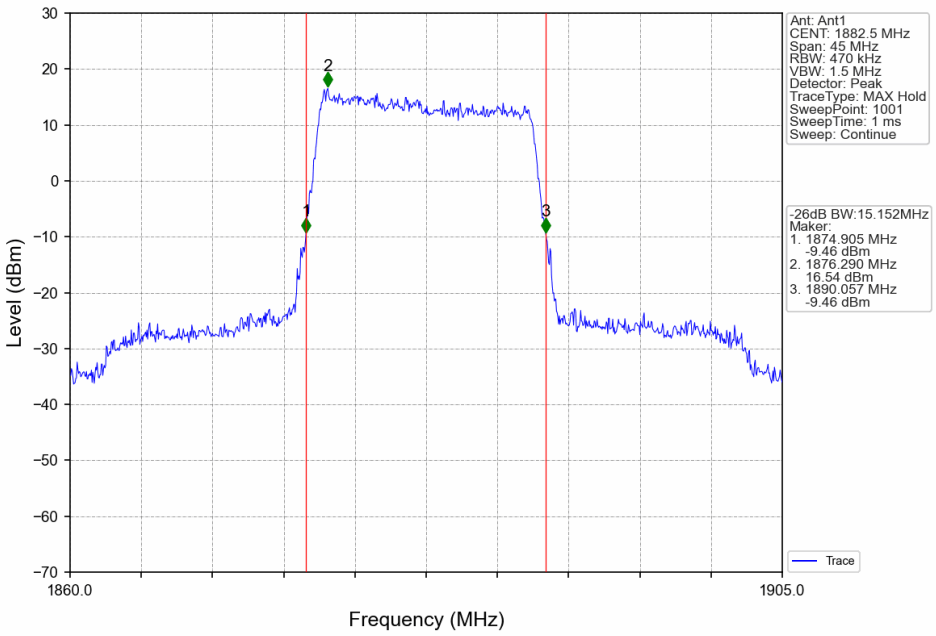
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



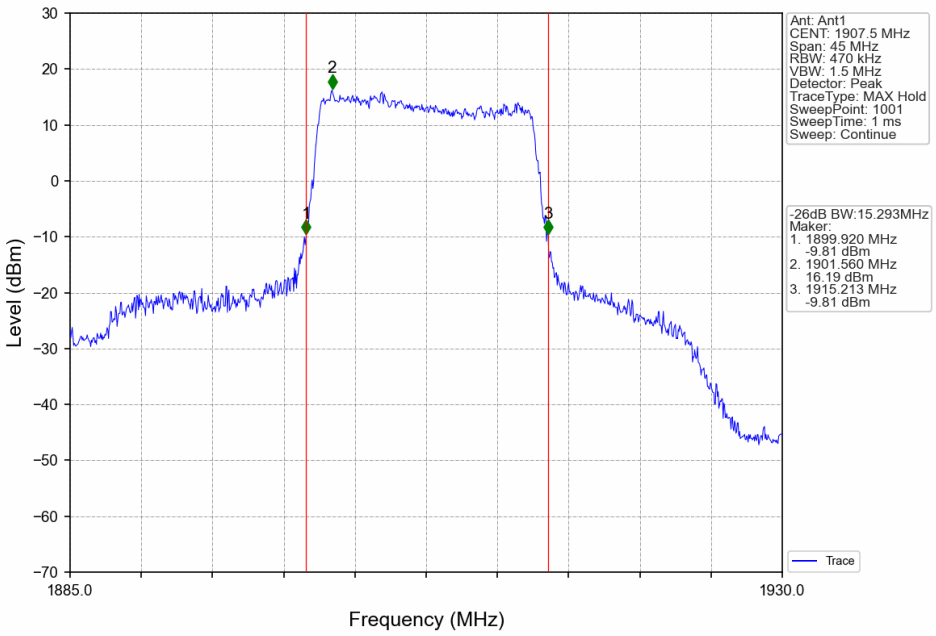
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



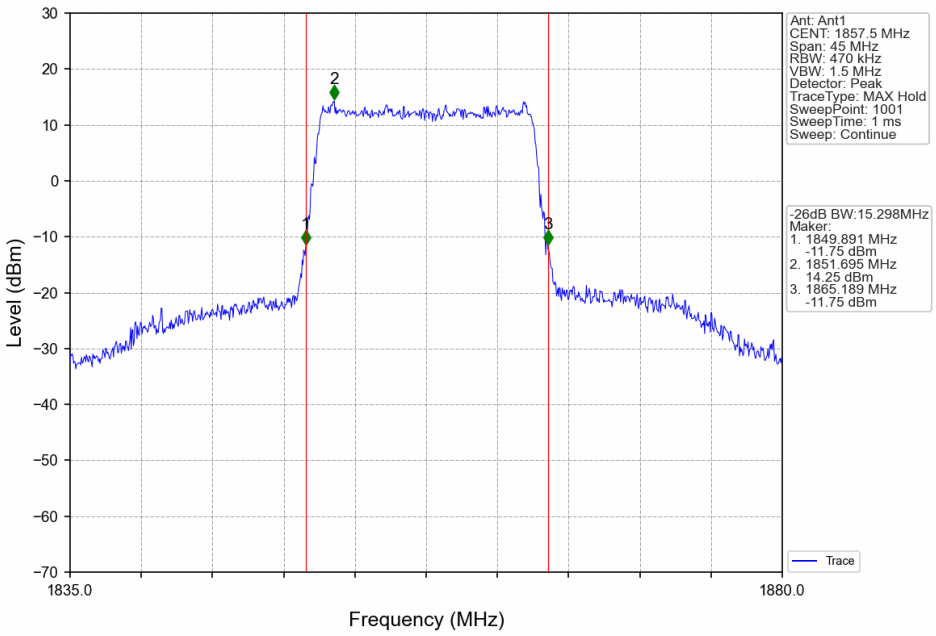
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



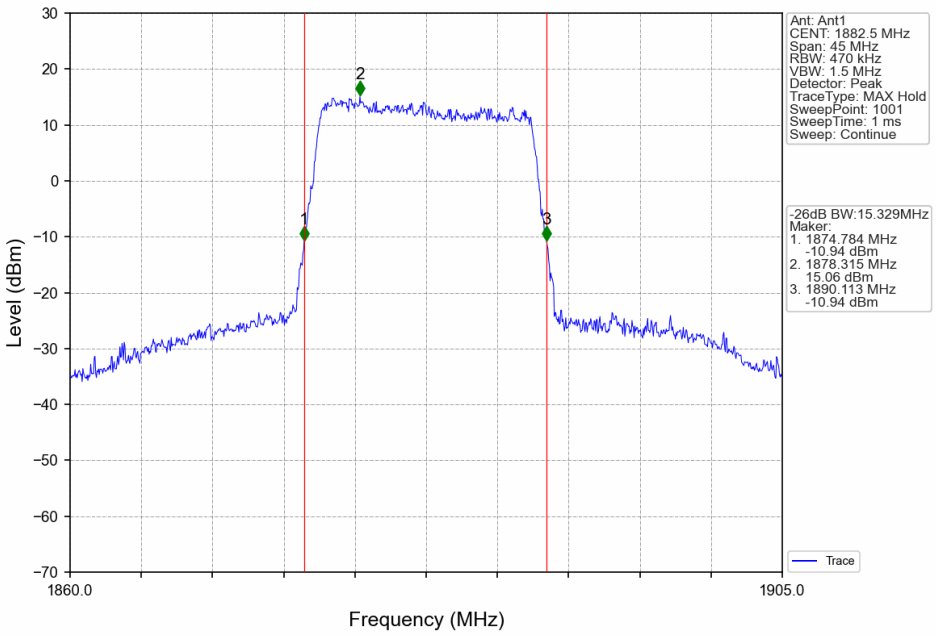
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



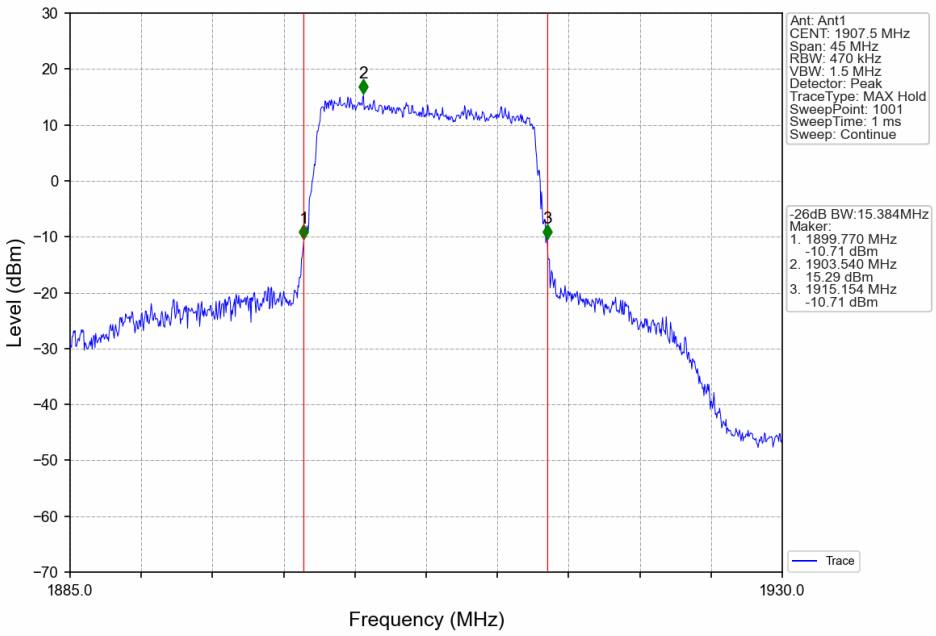
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



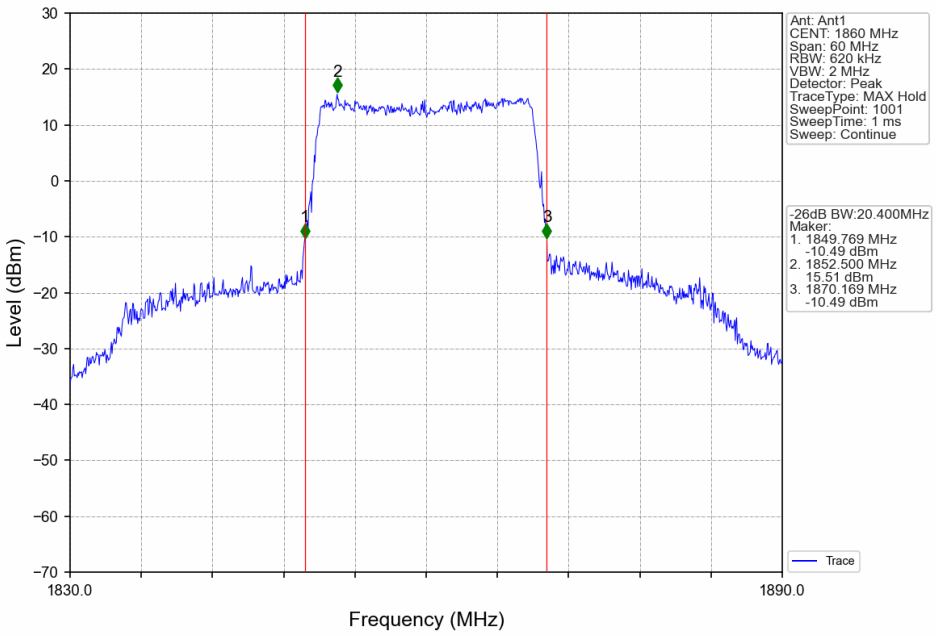
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



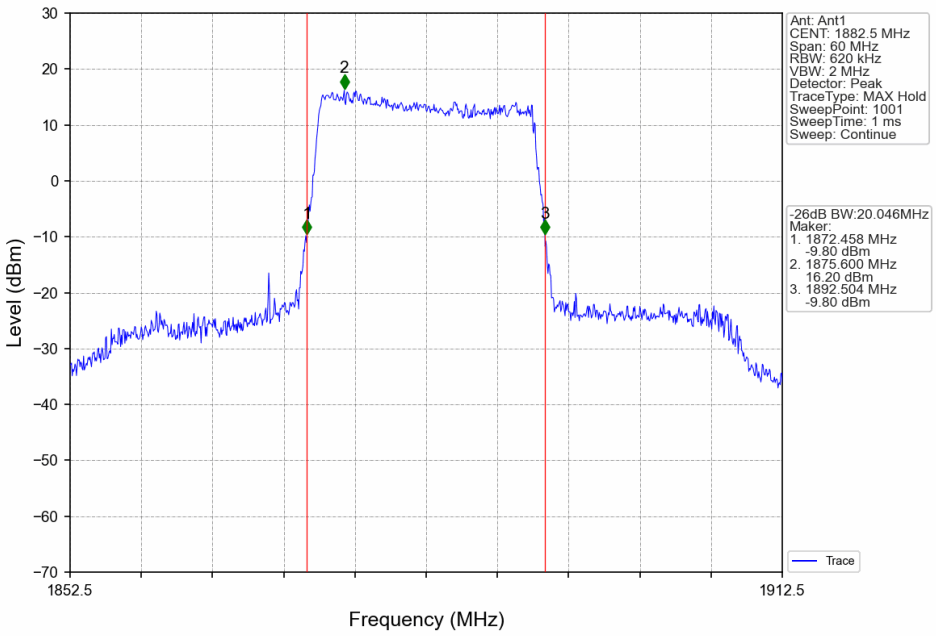
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



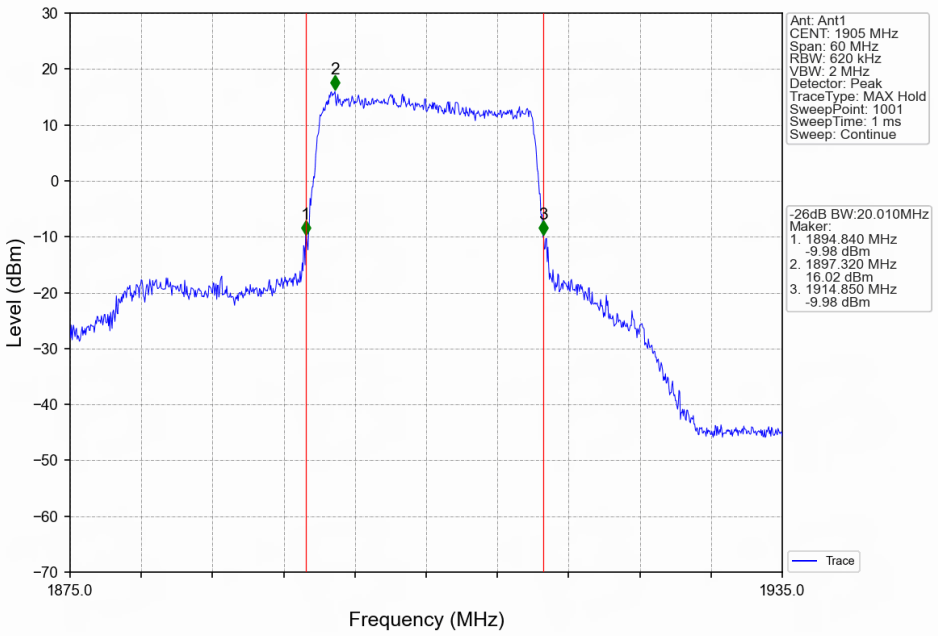
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



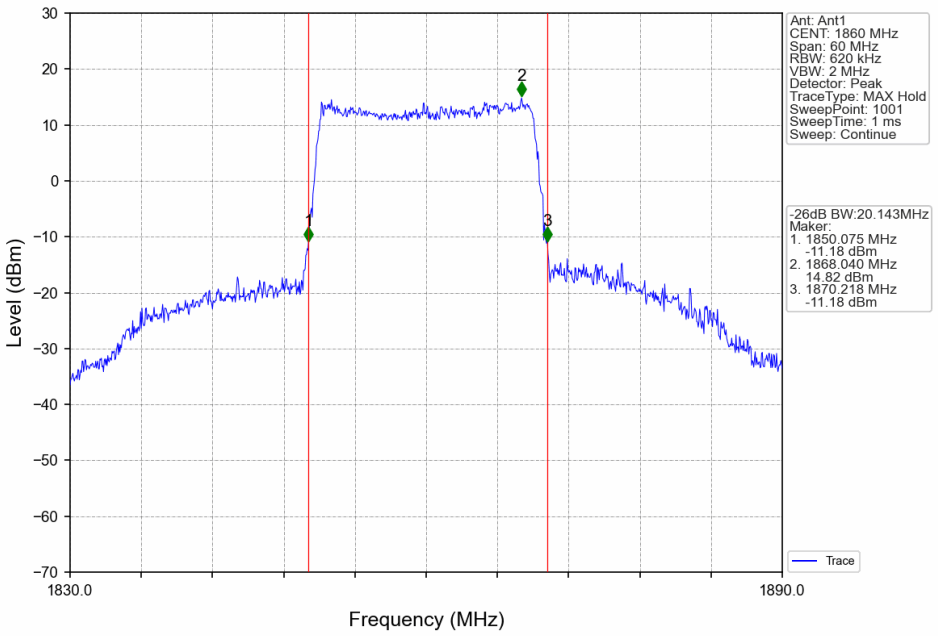
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



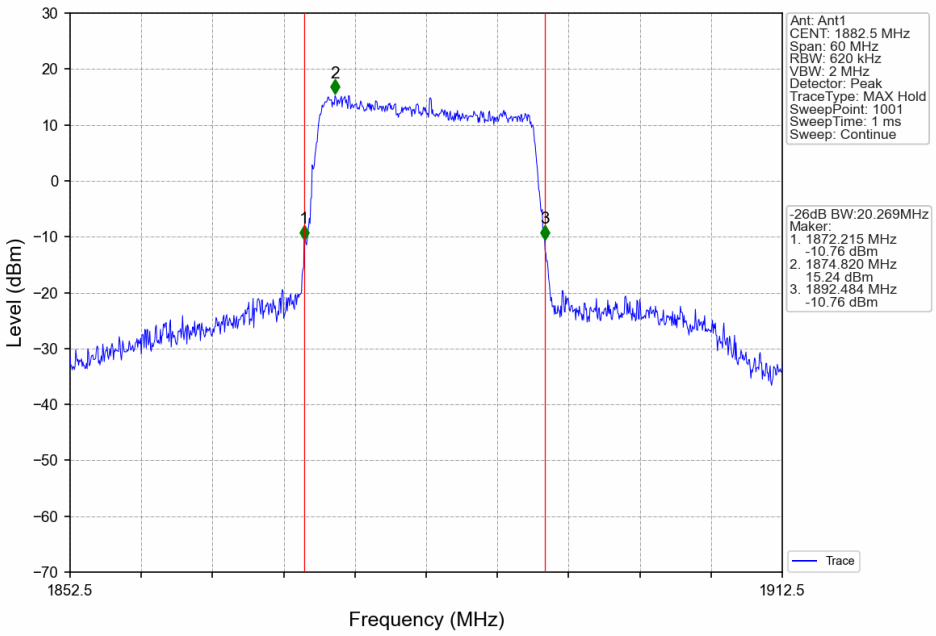
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



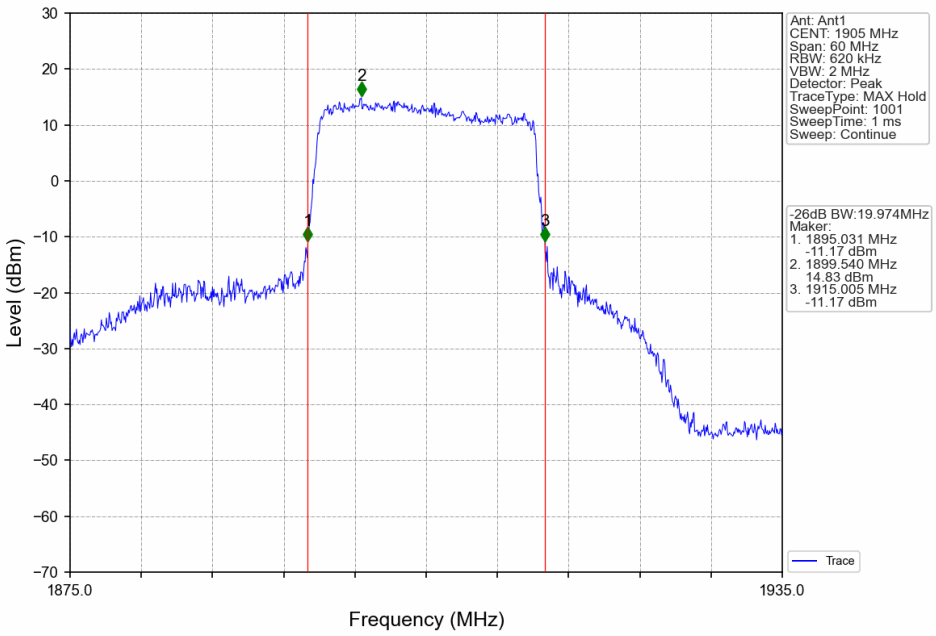
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Peak-Average Ratio

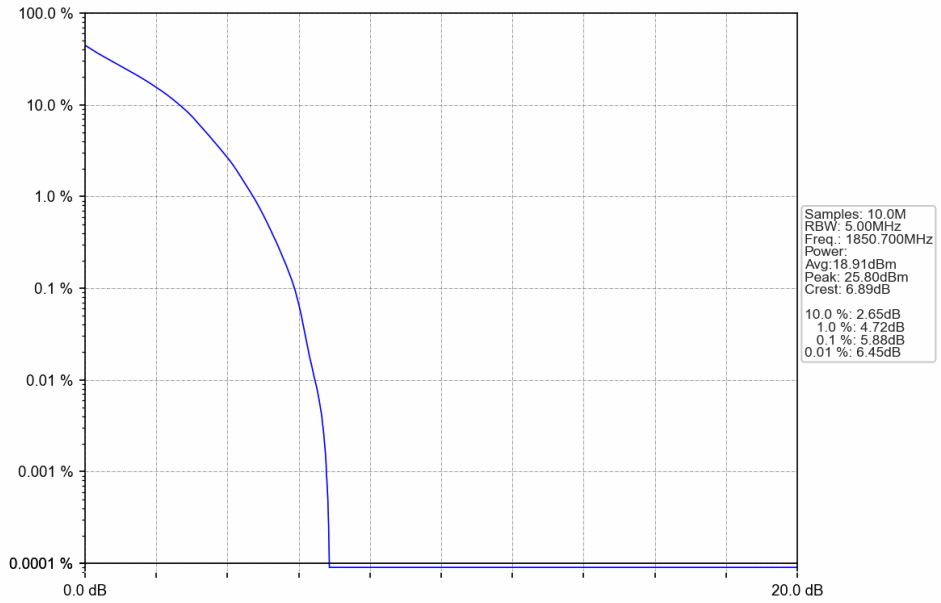
5.1 B25_1.4MHz

5.1.1 Test Result

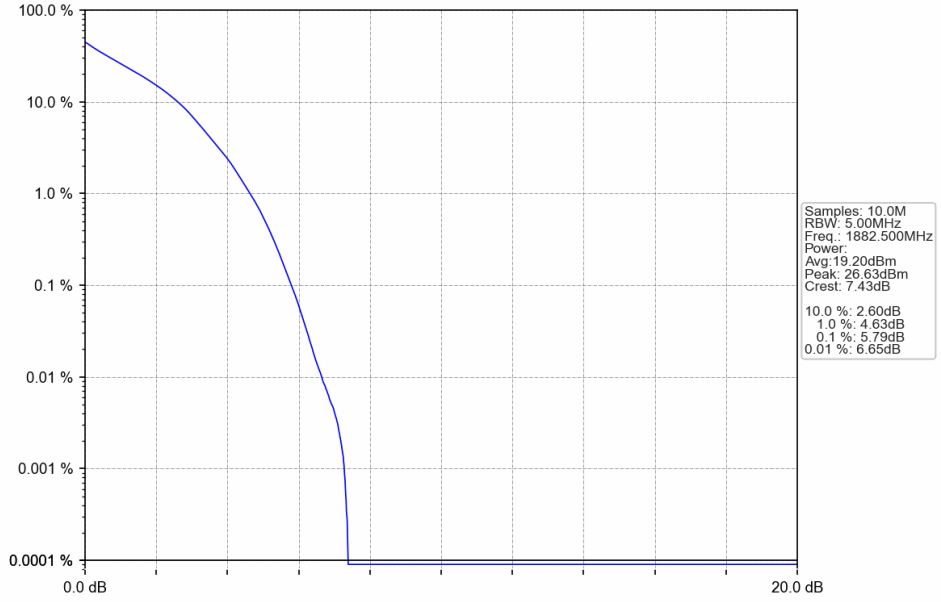
Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.88	<=13	Pass
	1882.5	6	0	5.79	<=13	Pass
	1914.3	6	0	3.87	<=13	Pass
16QAM	1850.7	6	0	6.69	<=13	Pass
	1882.5	6	0	6.48	<=13	Pass
	1914.3	6	0	4.80	<=13	Pass

5.1.2 Test Graph

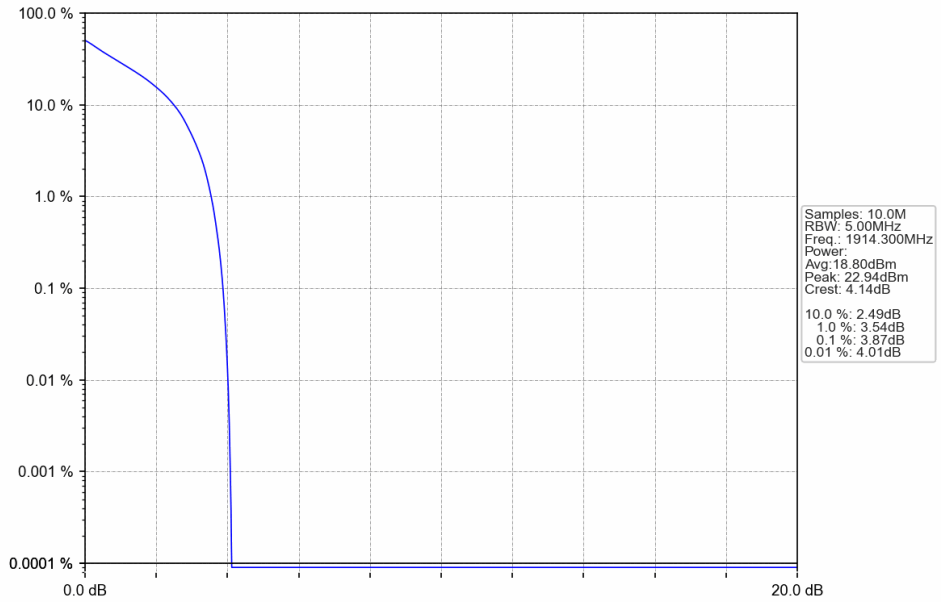
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



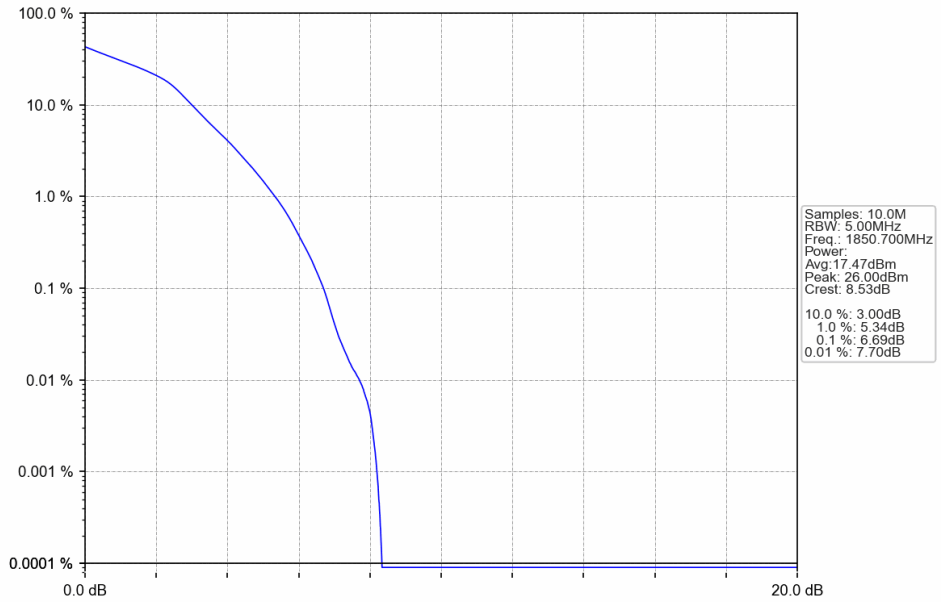
Band25_1.4MHz_QPSK_MCH_1882.5MHz_RB_6_0_NTNV



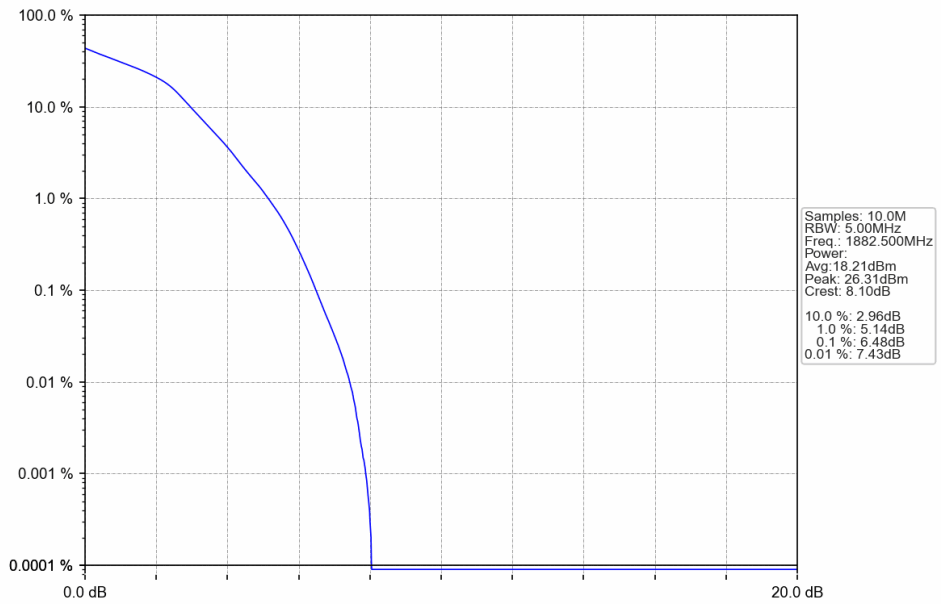
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



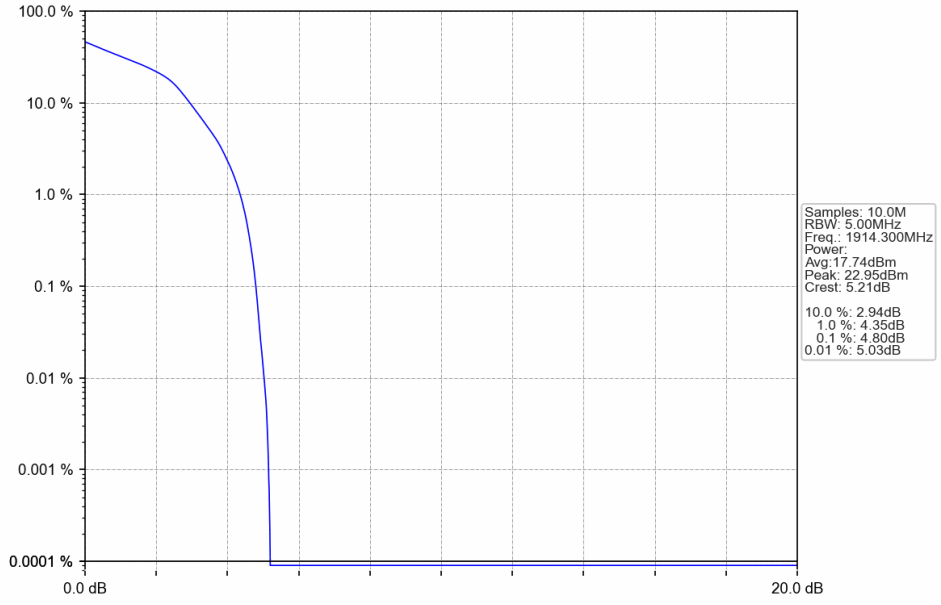
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



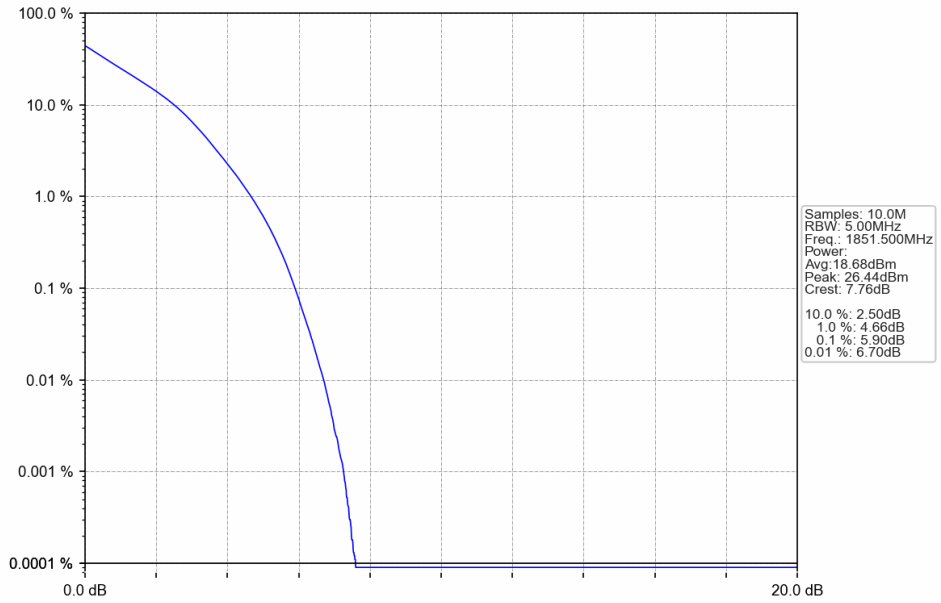
5.2 B25_3MHz

5.2.1 Test Result

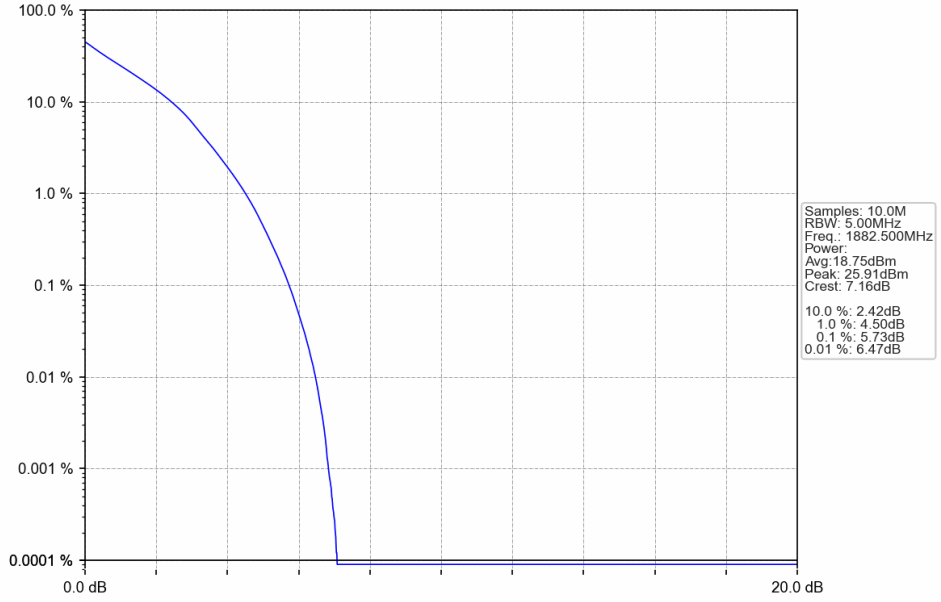
Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.90	<=13	Pass
	1882.5	15	0	5.73	<=13	Pass
	1913.5	15	0	4.43	<=13	Pass
16QAM	1851.5	15	0	6.66	<=13	Pass
	1882.5	15	0	6.57	<=13	Pass
	1913.5	15	0	5.28	<=13	Pass

5.2.2 Test Graph

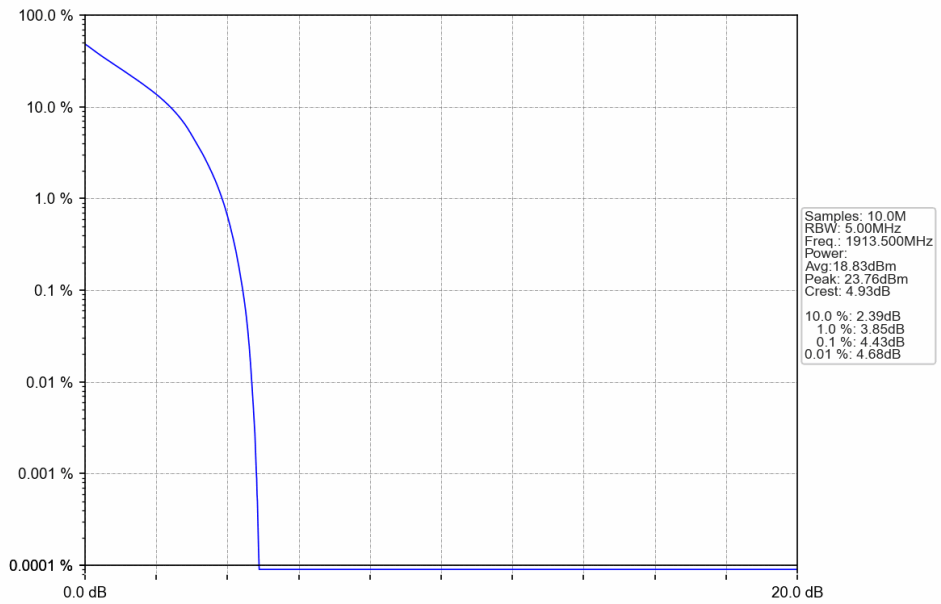
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



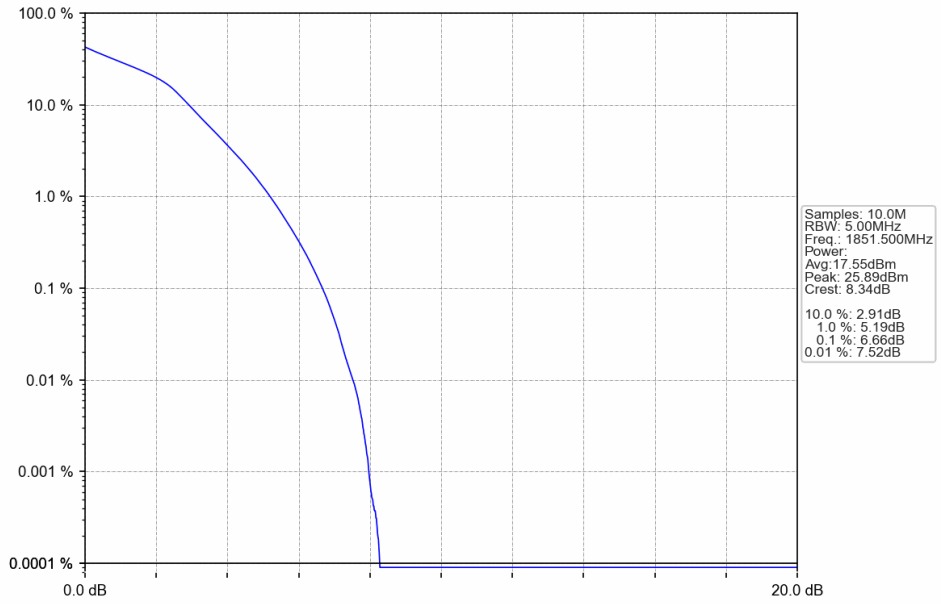
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



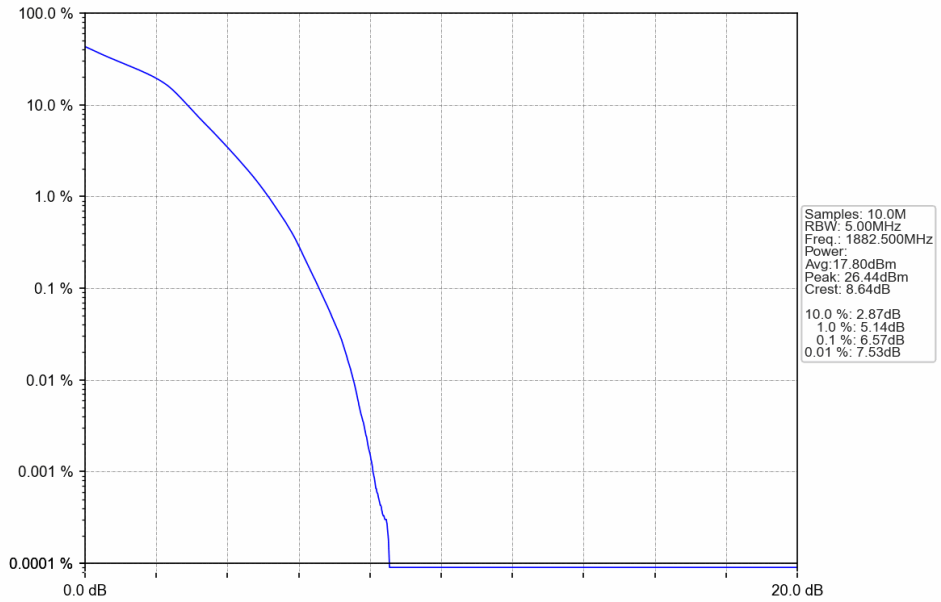
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



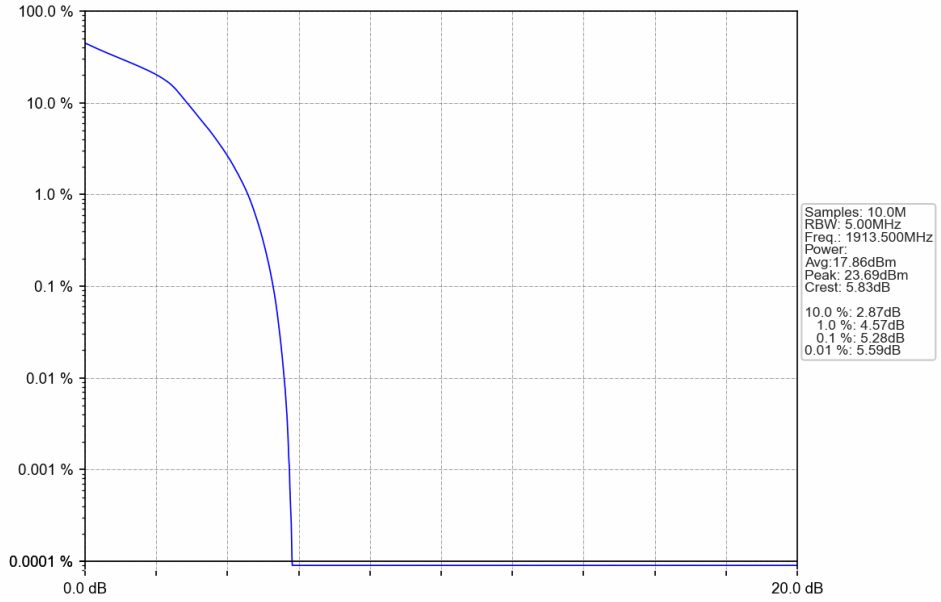
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



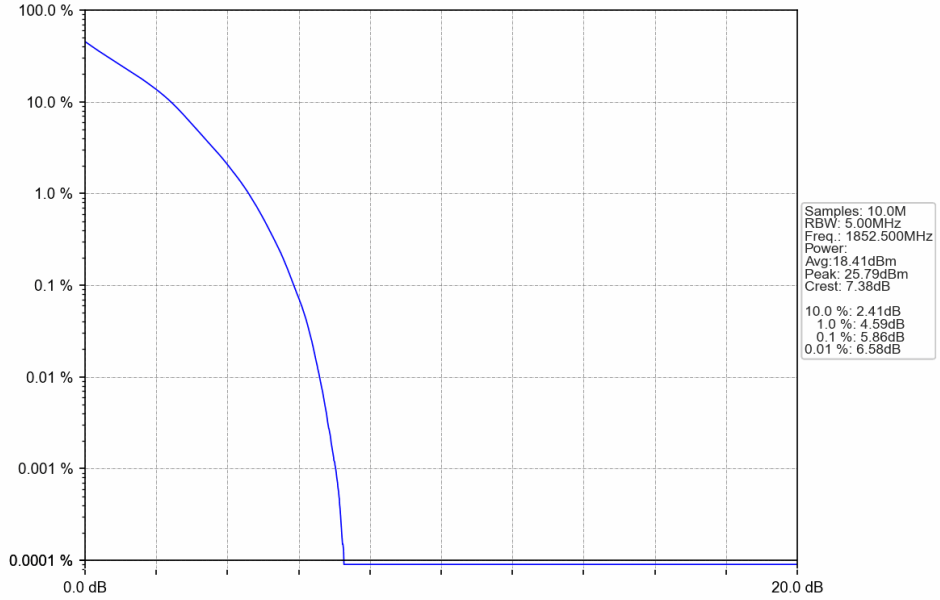
5.3 B25_5MHz

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	5.86	<=13	Pass
	1882.5	25	0	5.93	<=13	Pass
	1912.5	25	0	5.25	<=13	Pass
16QAM	1852.5	25	0	6.60	<=13	Pass
	1882.5	25	0	6.62	<=13	Pass
	1912.5	25	0	5.96	<=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