

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	20.88	3.00	23.88	<=33.01	Pass
			2	20.96	3.00	23.96	<=33.01	Pass
			5	20.87	3.00	23.87	<=33.01	Pass
		3	0	20.98	3.00	23.98	<=33.01	Pass
			2	21.05	3.00	24.05	<=33.01	Pass
			3	21.00	3.00	24.00	<=33.01	Pass
		6	0	19.97	3.00	22.97	<=33.01	Pass
	1882.5	1	0	20.74	3.00	23.74	<=33.01	Pass
			2	20.83	3.00	23.83	<=33.01	Pass
			5	20.73	3.00	23.73	<=33.01	Pass
		3	0	20.82	3.00	23.82	<=33.01	Pass
			2	20.89	3.00	23.89	<=33.01	Pass
			3	20.87	3.00	23.87	<=33.01	Pass
		6	0	19.83	3.00	22.83	<=33.01	Pass
	1914.3	1	0	20.81	3.00	23.81	<=33.01	Pass
			2	20.89	3.00	23.89	<=33.01	Pass
			5	20.81	3.00	23.81	<=33.01	Pass
		3	0	20.96	3.00	23.96	<=33.01	Pass
			2	20.99	3.00	23.99	<=33.01	Pass
			3	20.94	3.00	23.94	<=33.01	Pass
		6	0	19.93	3.00	22.93	<=33.01	Pass
16QAM	1850.7	1	0	20.15	3.00	23.15	<=33.01	Pass
			2	20.21	3.00	23.21	<=33.01	Pass
			5	20.09	3.00	23.09	<=33.01	Pass
		3	0	20.02	3.00	23.02	<=33.01	Pass
			2	20.06	3.00	23.06	<=33.01	Pass
			3	20.04	3.00	23.04	<=33.01	Pass
		6	0	18.97	3.00	21.97	<=33.01	Pass
	1882.5	1	0	19.76	3.00	22.76	<=33.01	Pass
			2	19.90	3.00	22.90	<=33.01	Pass
			5	19.82	3.00	22.82	<=33.01	Pass
		3	0	19.95	3.00	22.95	<=33.01	Pass
			2	19.94	3.00	22.94	<=33.01	Pass
			3	19.92	3.00	22.92	<=33.01	Pass
		6	0	18.79	3.00	21.79	<=33.01	Pass
	1914.3	1	0	19.89	3.00	22.89	<=33.01	Pass
			2	20.01	3.00	23.01	<=33.01	Pass
			5	19.85	3.00	22.85	<=33.01	Pass
		3	0	20.19	3.00	23.19	<=33.01	Pass
			2	20.21	3.00	23.21	<=33.01	Pass
			3	20.17	3.00	23.17	<=33.01	Pass
		6	0	18.91	3.00	21.91	<=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	20.92	3.00	23.92	<=33.01	Pass
			7	21.07	3.00	24.07	<=33.01	Pass
			14	20.88	3.00	23.88	<=33.01	Pass
		8	0	19.97	3.00	22.97	<=33.01	Pass
			4	19.99	3.00	22.99	<=33.01	Pass
			7	19.96	3.00	22.96	<=33.01	Pass
		15	0	20.00	3.00	23.00	<=33.01	Pass
	1882.5	1	0	20.85	3.00	23.70	<=33.01	Pass
			7	21.03	3.00	24.03	<=33.01	Pass
			14	20.81	3.00	23.81	<=33.01	Pass
		8	0	19.96	3.00	22.96	<=33.01	Pass
			4	19.98	3.00	22.98	<=33.01	Pass
			7	19.93	3.00	22.93	<=33.01	Pass
		15	0	19.95	3.00	22.95	<=33.01	Pass
	1913.5	1	0	21.05	3.00	24.05	<=33.01	Pass
			7	21.10	3.00	24.10	<=33.01	Pass
			14	20.99	3.00	23.99	<=33.01	Pass
		8	0	20.03	3.00	23.03	<=33.01	Pass
			4	20.02	3.00	23.02	<=33.01	Pass
			7	19.94	3.00	22.94	<=33.01	Pass
		15	0	19.98	3.00	22.98	<=33.01	Pass
16QAM	1851.5	1	0	20.66	3.00	23.66	<=33.01	Pass
			7	20.76	3.00	23.76	<=33.01	Pass
			14	20.57	3.00	23.57	<=33.01	Pass
		8	0	19.14	3.00	22.14	<=33.01	Pass
			4	19.16	3.00	22.16	<=33.01	Pass
			7	19.12	3.00	22.12	<=33.01	Pass
		15	0	19.04	3.00	22.04	<=33.01	Pass
	1882.5	1	0	20.09	3.00	23.09	<=33.01	Pass
			7	20.26	3.00	23.26	<=33.01	Pass
			14	20.10	3.00	23.10	<=33.01	Pass
		8	0	18.94	3.00	21.94	<=33.01	Pass
			4	18.92	3.00	21.92	<=33.01	Pass
			7	18.90	3.00	21.90	<=33.01	Pass
		15	0	18.90	3.00	21.90	<=33.01	Pass
	1913.5	1	0	20.08	3.00	23.08	<=33.01	Pass
			7	20.22	3.00	23.22	<=33.01	Pass
			14	20.01	3.00	23.01	<=33.01	Pass
		8	0	19.07	3.00	22.07	<=33.01	Pass
			4	19.10	3.00	22.10	<=33.01	Pass
			7	18.99	3.00	21.99	<=33.01	Pass
		15	0	19.02	3.00	22.02	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	20.90	3.00	23.90	<=33.01	Pass
			13	20.98	3.00	23.98	<=33.01	Pass
			24	20.82	3.00	23.82	<=33.01	Pass
		12	0	19.94	3.00	22.94	<=33.01	Pass
			6	20.02	3.00	23.02	<=33.01	Pass
			13	19.94	3.00	22.94	<=33.01	Pass
		25	0	19.98	3.00	22.98	<=33.01	Pass
	1882.5	1	0	20.73	3.00	23.73	<=33.01	Pass
			13	20.84	3.00	23.84	<=33.01	Pass
			24	20.78	3.00	23.78	<=33.01	Pass
		12	0	19.83	3.00	22.83	<=33.01	Pass
			6	19.90	3.00	22.90	<=33.01	Pass
			13	19.91	3.00	22.91	<=33.01	Pass
		25	0	19.93	3.00	22.93	<=33.01	Pass
	1912.5	1	0	20.89	3.00	23.89	<=33.01	Pass
			13	20.99	3.00	23.99	<=33.01	Pass
			24	20.80	3.00	23.80	<=33.01	Pass
		12	0	19.99	3.00	22.99	<=33.01	Pass
			6	20.00	3.00	23.00	<=33.01	Pass
			13	19.81	3.00	22.81	<=33.01	Pass
		25	0	19.92	3.00	22.92	<=33.01	Pass
16QAM	1852.5	1	0	19.85	3.00	22.85	<=33.01	Pass
			13	19.91	3.00	22.91	<=33.01	Pass
			24	19.77	3.00	22.77	<=33.01	Pass
		12	0	18.96	3.00	21.96	<=33.01	Pass
			6	19.00	3.00	22.00	<=33.01	Pass
			13	18.89	3.00	21.89	<=33.01	Pass
		25	0	18.95	3.00	21.95	<=33.01	Pass
	1882.5	1	0	20.05	3.00	23.05	<=33.01	Pass
			13	20.20	3.00	23.20	<=33.01	Pass
			24	20.08	3.00	23.08	<=33.01	Pass
		12	0	18.87	3.00	21.87	<=33.01	Pass
			6	18.91	3.00	21.91	<=33.01	Pass
			13	18.93	3.00	21.93	<=33.01	Pass
		25	0	18.92	3.00	21.92	<=33.01	Pass
	1912.5	1	0	20.04	3.00	23.04	<=33.01	Pass
			13	20.12	3.00	23.12	<=33.01	Pass
			24	20.00	3.00	23.00	<=33.01	Pass
		12	0	18.93	3.00	21.93	<=33.01	Pass
			6	18.99	3.00	21.99	<=33.01	Pass
			13	18.81	3.00	21.81	<=33.01	Pass
		25	0	18.92	3.00	21.92	<=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	20.91	3.00	23.91	<=33.01	Pass
			25	21.06	3.00	24.06	<=33.01	Pass
			49	20.87	3.00	23.87	<=33.01	Pass
		25	0	20.05	3.00	23.05	<=33.01	Pass
			13	20.04	3.00	23.04	<=33.01	Pass
			25	19.95	3.00	22.95	<=33.01	Pass
		50	0	20.01	3.00	23.01	<=33.01	Pass
	1882.5	1	0	20.76	3.00	23.76	<=33.01	Pass
			25	20.99	3.00	23.99	<=33.01	Pass
			49	20.77	3.00	23.77	<=33.01	Pass
		25	0	19.92	3.00	22.92	<=33.01	Pass
			13	20.00	3.00	23.00	<=33.01	Pass
			25	19.99	3.00	22.99	<=33.01	Pass
		50	0	20.01	3.00	23.01	<=33.01	Pass
	1910	1	0	20.90	3.00	23.90	<=33.01	Pass
			25	21.16	3.00	24.16	<=33.01	Pass
			49	20.84	3.00	23.84	<=33.01	Pass
		25	0	19.91	3.00	22.91	<=33.01	Pass
			13	20.06	3.00	23.06	<=33.01	Pass
			25	19.87	3.00	22.87	<=33.01	Pass
		50	0	19.89	3.00	22.89	<=33.01	Pass
16QAM	1855	1	0	20.59	3.00	23.59	<=33.01	Pass
			25	20.77	3.00	23.77	<=33.01	Pass
			49	20.55	3.00	23.55	<=33.01	Pass
		25	0	19.07	3.00	22.07	<=33.01	Pass
			13	19.09	3.00	22.09	<=33.01	Pass
			25	18.97	3.00	21.97	<=33.01	Pass
		50	0	18.96	3.00	21.96	<=33.01	Pass
	1882.5	1	0	20.02	3.00	23.02	<=33.01	Pass
			25	20.25	3.00	23.25	<=33.01	Pass
			49	20.00	3.00	23.00	<=33.01	Pass
		25	0	18.94	3.00	21.94	<=33.01	Pass
			13	19.04	3.00	22.04	<=33.01	Pass
			25	18.99	3.00	21.99	<=33.01	Pass
		50	0	18.95	3.00	21.95	<=33.01	Pass
	1910	1	0	19.96	3.00	22.96	<=33.01	Pass
			25	20.21	3.00	23.21	<=33.01	Pass
			49	19.95	3.00	22.95	<=33.01	Pass
		25	0	18.98	3.00	21.98	<=33.01	Pass
			13	19.13	3.00	22.13	<=33.01	Pass
			25	18.91	3.00	21.91	<=33.01	Pass
		50	0	18.88	3.00	21.88	<=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	20.81	3.00	23.81	<=33.01	Pass
			38	20.92	3.00	23.92	<=33.01	Pass
			74	20.59	3.00	23.59	<=33.01	Pass
		36	0	19.93	3.00	22.93	<=33.01	Pass
			18	19.96	3.00	22.96	<=33.01	Pass
			39	19.83	3.00	22.83	<=33.01	Pass
		75	0	19.87	3.00	22.87	<=33.01	Pass
	1882.5	1	0	20.67	3.00	23.67	<=33.01	Pass
			38	20.79	3.00	23.79	<=33.01	Pass
			74	20.73	3.00	23.73	<=33.01	Pass
		36	0	19.80	3.00	22.80	<=33.01	Pass
			18	19.88	3.00	22.88	<=33.01	Pass
			39	19.86	3.00	22.86	<=33.01	Pass
		75	0	19.82	3.00	22.82	<=33.01	Pass
	1907.5	1	0	20.69	3.00	23.69	<=33.01	Pass
			38	20.97	3.00	23.97	<=33.01	Pass
			74	20.69	3.00	23.69	<=33.01	Pass
		36	0	19.87	3.00	22.87	<=33.01	Pass
			18	19.98	3.00	22.98	<=33.01	Pass
			39	19.91	3.00	22.91	<=33.01	Pass
		75	0	19.87	3.00	22.87	<=33.01	Pass
16QAM	1857.5	1	0	20.49	3.00	23.49	<=33.01	Pass
			38	20.58	3.00	23.58	<=33.01	Pass
			74	20.36	3.00	23.36	<=33.01	Pass
		36	0	18.96	3.00	21.96	<=33.01	Pass
			18	18.97	3.00	21.97	<=33.01	Pass
			39	18.80	3.00	21.80	<=33.01	Pass
		75	0	18.90	3.00	21.90	<=33.01	Pass
	1882.5	1	0	19.93	3.00	22.93	<=33.01	Pass
			38	20.08	3.00	23.08	<=33.01	Pass
			74	19.89	3.00	22.89	<=33.01	Pass
		36	0	18.80	3.00	21.80	<=33.01	Pass
			18	18.87	3.00	21.87	<=33.01	Pass
			39	18.85	3.00	21.85	<=33.01	Pass
		75	0	18.82	3.00	21.82	<=33.01	Pass
	1907.5	1	0	20.24	3.00	23.24	<=33.01	Pass
			38	20.42	3.00	23.42	<=33.01	Pass
			74	20.17	3.00	23.17	<=33.01	Pass
		36	0	18.81	3.00	21.81	<=33.01	Pass
			18	18.93	3.00	21.93	<=33.01	Pass
			39	18.79	3.00	21.79	<=33.01	Pass
		75	0	18.83	3.00	21.83	<=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	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict	

	(MHz)	Size	Offset	(dBm)	(dbi)	Result	Limit	
QPSK	1860	1	0	20.75	3.00	23.75	<=33.01	Pass
			50	21.07	3.00	24.07	<=33.01	Pass
			99	20.56	3.00	23.56	<=33.01	Pass
		50	0	19.97	3.00	22.97	<=33.01	Pass
			25	19.93	3.00	22.93	<=33.01	Pass
			50	19.64	3.00	22.64	<=33.01	Pass
		100	0	19.83	3.00	22.83	<=33.01	Pass
	1882.5	1	0	20.62	3.00	23.62	<=33.01	Pass
			50	21.01	3.00	24.01	<=33.01	Pass
			99	20.62	3.00	23.62	<=33.01	Pass
		50	0	19.80	3.00	22.80	<=33.01	Pass
			25	19.95	3.00	22.95	<=33.01	Pass
			50	19.79	3.00	22.79	<=33.01	Pass
		100	0	19.80	3.00	22.80	<=33.01	Pass
	1905	1	0	20.63	3.00	23.63	<=33.01	Pass
			50	21.02	3.00	24.02	<=33.01	Pass
			99	20.67	3.00	23.67	<=33.01	Pass
		50	0	19.94	3.00	22.94	<=33.01	Pass
			25	19.98	3.00	22.98	<=33.01	Pass
			50	19.85	3.00	22.85	<=33.01	Pass
		100	0	19.89	3.00	22.89	<=33.01	Pass
16QAM	1860	1	0	20.06	3.00	23.06	<=33.01	Pass
			50	20.43	3.00	23.43	<=33.01	Pass
			99	19.98	3.00	22.98	<=33.01	Pass
		50	0	18.95	3.00	21.95	<=33.01	Pass
			25	18.95	3.00	21.95	<=33.01	Pass
			50	18.65	3.00	21.65	<=33.01	Pass
		100	0	18.86	3.00	21.86	<=33.01	Pass
	1882.5	1	0	19.93	3.00	22.93	<=33.01	Pass
			50	20.28	3.00	23.28	<=33.01	Pass
			99	19.92	3.00	22.92	<=33.01	Pass
		50	0	18.77	3.00	21.77	<=33.01	Pass
			25	18.93	3.00	21.93	<=33.01	Pass
			50	18.77	3.00	21.77	<=33.01	Pass
		100	0	18.82	3.00	21.82	<=33.01	Pass
	1905	1	0	20.28	3.00	23.28	<=33.01	Pass
			50	20.67	3.00	23.67	<=33.01	Pass
			99	20.27	3.00	23.30	<=33.01	Pass
		50	0	18.92	3.00	21.92	<=33.01	Pass
			25	18.94	3.00	21.94	<=33.01	Pass
			50	18.85	3.00	21.85	<=33.01	Pass
		100	0	18.91	3.00	21.91	<=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	3.30	-10.972	-0.0059	-2.5 to 2.5	Pass
					3.70	-9.413	-0.0051	-2.5 to 2.5	Pass
					4.00	-7.954	-0.0043	-2.5 to 2.5	Pass
				-30	3.70	-1.359	-0.0007	-2.5 to 2.5	Pass
				-20	3.70	-6.351	-0.0034	-2.5 to 2.5	Pass
				-10	3.70	-5.808	-0.0031	-2.5 to 2.5	Pass
				0	3.70	-12.445	-0.0067	-2.5 to 2.5	Pass
				10	3.70	-2.875	-0.0016	-2.5 to 2.5	Pass
				30	3.70	-2.031	-0.0011	-2.5 to 2.5	Pass
				40	3.70	-2.046	-0.0011	-2.5 to 2.5	Pass
				50	3.70	-5.436	-0.0029	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.30	-2.675	-0.0014	-2.5 to 2.5	Pass
					3.70	-6.509	-0.0035	-2.5 to 2.5	Pass
					4.00	-2.961	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	-7.052	-0.0037	-2.5 to 2.5	Pass
				-20	3.70	0.701	0.0004	-2.5 to 2.5	Pass
				-10	3.70	-9.956	-0.0053	-2.5 to 2.5	Pass
				0	3.70	-6.008	-0.0032	-2.5 to 2.5	Pass
				10	3.70	-0.958	-0.0005	-2.5 to 2.5	Pass
				30	3.70	-8.497	-0.0045	-2.5 to 2.5	Pass
				40	3.70	-2.847	-0.0015	-2.5 to 2.5	Pass
				50	3.70	-0.429	-0.0002	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.30	-7.453	-0.0039	-2.5 to 2.5	Pass
					3.70	-4.492	-0.0023	-2.5 to 2.5	Pass
					4.00	-7.653	-0.0040	-2.5 to 2.5	Pass
				-30	3.70	0.114	0.0001	-2.5 to 2.5	Pass
				-20	3.70	-3.319	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-6.638	-0.0035	-2.5 to 2.5	Pass
				0	3.70	2.446	0.0013	-2.5 to 2.5	Pass
				10	3.70	4.334	0.0023	-2.5 to 2.5	Pass
				30	3.70	-5.708	-0.0030	-2.5 to 2.5	Pass
				40	3.70	-8.240	-0.0043	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.30	-5.164	-0.0028	-2.5 to 2.5	Pass
					3.70	-9.656	-0.0052	-2.5 to 2.5	Pass
					4.00	-10.800	-0.0058	-2.5 to 2.5	Pass
				-30	3.70	-16.208	-0.0088	-2.5 to 2.5	Pass
				-20	3.70	-7.868	-0.0043	-2.5 to 2.5	Pass
				-10	3.70	-3.548	-0.0019	-2.5 to 2.5	Pass
				0	3.70	-11.644	-0.0063	-2.5 to 2.5	Pass
				10	3.70	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.70	-8.998	-0.0049	-2.5 to 2.5	Pass
				40	3.70	-5.879	-0.0032	-2.5 to 2.5	Pass
				50	3.70	0.815	0.0004	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.30	-2.332	-0.0012	-2.5 to 2.5	Pass
					3.70	-12.946	-0.0069	-2.5 to 2.5	Pass
					4.00	-9.756	-0.0052	-2.5 to 2.5	Pass
				-30	3.70	-3.905	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-3.090	-0.0016	-2.5 to 2.5	Pass
				-10	3.70	-2.432	-0.0013	-2.5 to 2.5	Pass
				0	3.70	-1.073	-0.0006	-2.5 to 2.5	Pass
				10	3.70	0.958	0.0005	-2.5 to 2.5	Pass
				30	3.70	-6.480	-0.0034	-2.5 to 2.5	Pass
				40	3.70	-13.876	-0.0074	-2.5 to 2.5	Pass
	1914.3	6	0	50	3.70	-2.561	-0.0014	-2.5 to 2.5	Pass
				20	3.30	-3.047	-0.0016	-2.5 to 2.5	Pass

					3.70	-6.566	-0.0034	-2.5 to 2.5	Pass
					4.00	-9.727	-0.0051	-2.5 to 2.5	Pass
				-30	3.70	-3.834	-0.0020	-2.5 to 2.5	Pass
				-20	3.70	0.286	0.0001	-2.5 to 2.5	Pass
				-10	3.70	-0.014	0.0000	-2.5 to 2.5	Pass
				0	3.70	-15.507	-0.0081	-2.5 to 2.5	Pass
				10	3.70	-11.373	-0.0059	-2.5 to 2.5	Pass
				30	3.70	-8.912	-0.0047	-2.5 to 2.5	Pass
				40	3.70	-3.004	-0.0016	-2.5 to 2.5	Pass
				50	3.70	0.858	0.0004	-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	3.30	-31.857	-0.0172	-2.5 to 2.5	Pass
					3.70	-1.588	-0.0009	-2.5 to 2.5	Pass
					4.00	1.230	0.0007	-2.5 to 2.5	Pass
				-30	3.70	-3.934	-0.0021	-2.5 to 2.5	Pass
				-20	3.70	-8.554	-0.0046	-2.5 to 2.5	Pass
				-10	3.70	-4.506	-0.0024	-2.5 to 2.5	Pass
				0	3.70	-5.765	-0.0031	-2.5 to 2.5	Pass
				10	3.70	-9.842	-0.0053	-2.5 to 2.5	Pass
				30	3.70	-4.663	-0.0025	-2.5 to 2.5	Pass
				40	3.70	-4.334	-0.0023	-2.5 to 2.5	Pass
				50	3.70	-5.822	-0.0031	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.30	-6.280	-0.0033	-2.5 to 2.5	Pass
					3.70	-5.422	-0.0029	-2.5 to 2.5	Pass
					4.00	0.958	0.0005	-2.5 to 2.5	Pass
				-30	3.70	-10.271	-0.0055	-2.5 to 2.5	Pass
				-20	3.70	-14.720	-0.0078	-2.5 to 2.5	Pass
				-10	3.70	-7.825	-0.0042	-2.5 to 2.5	Pass
				0	3.70	-2.160	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-0.787	-0.0004	-2.5 to 2.5	Pass
				30	3.70	2.904	0.0015	-2.5 to 2.5	Pass
				40	3.70	-9.899	-0.0053	-2.5 to 2.5	Pass
				50	3.70	-3.104	-0.0016	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.30	-8.311	-0.0043	-2.5 to 2.5	Pass
					3.70	-3.306	-0.0017	-2.5 to 2.5	Pass
					4.00	-3.061	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	6.280	0.0033	-2.5 to 2.5	Pass
				-20	3.70	5.422	0.0028	-2.5 to 2.5	Pass
				-10	3.70	6.838	0.0036	-2.5 to 2.5	Pass
				0	3.70	-4.234	-0.0022	-2.5 to 2.5	Pass
				10	3.70	-5.651	-0.0030	-2.5 to 2.5	Pass
				30	3.70	1.545	0.0008	-2.5 to 2.5	Pass
				40	3.70	2.289	0.0012	-2.5 to 2.5	Pass
				50	3.70	-2.632	-0.0014	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.30	-13.819	-0.0075	-2.5 to 2.5	Pass
					3.70	-5.021	-0.0027	-2.5 to 2.5	Pass
					4.00	-4.835	-0.0026	-2.5 to 2.5	Pass
				-30	3.70	-5.565	-0.0030	-2.5 to 2.5	Pass
				-20	3.70	-11.373	-0.0061	-2.5 to 2.5	Pass
				-10	3.70	-9.727	-0.0053	-2.5 to 2.5	Pass

				0	3.70	-2.003	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-9.098	-0.0049	-2.5 to 2.5	Pass
				30	3.70	-4.206	-0.0023	-2.5 to 2.5	Pass
				40	3.70	-6.552	-0.0035	-2.5 to 2.5	Pass
				50	3.70	-8.998	-0.0049	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.30	-5.808	-0.0031	-2.5 to 2.5	Pass
					3.70	-10.471	-0.0056	-2.5 to 2.5	Pass
					4.00	2.875	0.0015	-2.5 to 2.5	Pass
				-30	3.70	-5.093	-0.0027	-2.5 to 2.5	Pass
				-20	3.70	2.089	0.0011	-2.5 to 2.5	Pass
				-10	3.70	-3.462	-0.0018	-2.5 to 2.5	Pass
				0	3.70	7.982	0.0042	-2.5 to 2.5	Pass
				10	3.70	-4.549	-0.0024	-2.5 to 2.5	Pass
				30	3.70	-10.643	-0.0057	-2.5 to 2.5	Pass
				40	3.70	-12.531	-0.0067	-2.5 to 2.5	Pass
				50	3.70	-14.734	-0.0078	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.30	2.074	0.0011	-2.5 to 2.5	Pass
					3.70	-1.717	-0.0009	-2.5 to 2.5	Pass
					4.00	-9.656	-0.0050	-2.5 to 2.5	Pass
				-30	3.70	2.475	0.0013	-2.5 to 2.5	Pass
				-20	3.70	-4.234	-0.0022	-2.5 to 2.5	Pass
				-10	3.70	-3.304	-0.0017	-2.5 to 2.5	Pass
				0	3.70	-6.423	-0.0034	-2.5 to 2.5	Pass
				10	3.70	2.646	0.0014	-2.5 to 2.5	Pass
				30	3.70	-0.186	-0.0001	-2.5 to 2.5	Pass
				40	3.70	-3.691	-0.0019	-2.5 to 2.5	Pass
				50	3.70	-1.330	-0.0007	-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	3.30	-12.889	-0.0070	-2.5 to 2.5	Pass
					3.70	-10.314	-0.0056	-2.5 to 2.5	Pass
					4.00	-11.902	-0.0064	-2.5 to 2.5	Pass
				-30	3.70	-10.872	-0.0059	-2.5 to 2.5	Pass
				-20	3.70	-9.828	-0.0053	-2.5 to 2.5	Pass
				-10	3.70	-8.240	-0.0044	-2.5 to 2.5	Pass
				0	3.70	-8.383	-0.0045	-2.5 to 2.5	Pass
				10	3.70	-6.695	-0.0036	-2.5 to 2.5	Pass
				30	3.70	-7.153	-0.0039	-2.5 to 2.5	Pass
				40	3.70	-1.616	-0.0009	-2.5 to 2.5	Pass
				50	3.70	-9.670	-0.0052	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.30	-5.679	-0.0030	-2.5 to 2.5	Pass
					3.70	-8.898	-0.0047	-2.5 to 2.5	Pass
					4.00	-7.524	-0.0040	-2.5 to 2.5	Pass
				-30	3.70	-3.347	-0.0018	-2.5 to 2.5	Pass
				-20	3.70	-12.116	-0.0064	-2.5 to 2.5	Pass
				-10	3.70	-7.739	-0.0041	-2.5 to 2.5	Pass
				0	3.70	-5.808	-0.0031	-2.5 to 2.5	Pass
				10	3.70	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-2.604	-0.0014	-2.5 to 2.5	Pass
				40	3.70	-3.734	-0.0020	-2.5 to 2.5	Pass
				50	3.70	-4.678	-0.0025	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.30	-8.311	-0.0043	-2.5 to 2.5	Pass
					3.70	-9.742	-0.0051	-2.5 to 2.5	Pass

16QAM	1852.5	25	0		4.00	-4.778	-0.0025	-2.5 to 2.5	Pass
				-30	3.70	-2.031	-0.0011	-2.5 to 2.5	Pass
				-20	3.70	-4.420	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	0.358	0.0002	-2.5 to 2.5	Pass
				0	3.70	-3.605	-0.0019	-2.5 to 2.5	Pass
				10	3.70	-4.206	-0.0022	-2.5 to 2.5	Pass
				30	3.70	-10.672	-0.0056	-2.5 to 2.5	Pass
				40	3.70	-6.838	-0.0036	-2.5 to 2.5	Pass
				50	3.70	-4.020	-0.0021	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.30	-11.702	-0.0063	-2.5 to 2.5	Pass
					3.70	-3.319	-0.0018	-2.5 to 2.5	Pass
					4.00	-9.727	-0.0053	-2.5 to 2.5	Pass
				-30	3.70	-6.523	-0.0035	-2.5 to 2.5	Pass
				-20	3.70	-8.683	-0.0047	-2.5 to 2.5	Pass
				-10	3.70	-4.921	-0.0027	-2.5 to 2.5	Pass
				0	3.70	-13.390	-0.0072	-2.5 to 2.5	Pass
				10	3.70	-6.351	-0.0034	-2.5 to 2.5	Pass
				30	3.70	-5.064	-0.0027	-2.5 to 2.5	Pass
				40	3.70	-2.189	-0.0012	-2.5 to 2.5	Pass
				50	3.70	-4.420	-0.0024	-2.5 to 2.5	Pass
				20	3.30	-9.427	-0.0050	-2.5 to 2.5	Pass
					3.70	-11.616	-0.0062	-2.5 to 2.5	Pass
					4.00	-4.034	-0.0021	-2.5 to 2.5	Pass
				-30	3.70	-6.580	-0.0035	-2.5 to 2.5	Pass
				-20	3.70	-4.234	-0.0022	-2.5 to 2.5	Pass
				-10	3.70	-7.954	-0.0042	-2.5 to 2.5	Pass
				0	3.70	-11.773	-0.0063	-2.5 to 2.5	Pass
				10	3.70	-8.311	-0.0044	-2.5 to 2.5	Pass
				30	3.70	-12.546	-0.0067	-2.5 to 2.5	Pass
				40	3.70	-3.133	-0.0017	-2.5 to 2.5	Pass
				50	3.70	-3.977	-0.0021	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.30	-3.562	-0.0019	-2.5 to 2.5	Pass
					3.70	-1.874	-0.0010	-2.5 to 2.5	Pass
					4.00	-8.740	-0.0046	-2.5 to 2.5	Pass
				-30	3.70	-6.824	-0.0036	-2.5 to 2.5	Pass
				-20	3.70	-8.225	-0.0043	-2.5 to 2.5	Pass
				-10	3.70	-5.579	-0.0029	-2.5 to 2.5	Pass
				0	3.70	-10.514	-0.0055	-2.5 to 2.5	Pass
				10	3.70	-3.977	-0.0021	-2.5 to 2.5	Pass
				30	3.70	-13.332	-0.0070	-2.5 to 2.5	Pass
				40	3.70	-6.351	-0.0033	-2.5 to 2.5	Pass
				50	3.70	-7.353	-0.0038	-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	3.30	-1.960	-0.0011	-2.5 to 2.5	Pass
					3.70	-4.292	-0.0023	-2.5 to 2.5	Pass
					4.00	-3.734	-0.0020	-2.5 to 2.5	Pass
				-30	3.70	-7.381	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	0.443	0.0002	-2.5 to 2.5	Pass
				-10	3.70	-4.978	-0.0027	-2.5 to 2.5	Pass
				0	3.70	-0.300	-0.0002	-2.5 to 2.5	Pass

	1882.5	50	0	10	3.70	-5.808	-0.0031	-2.5 to 2.5	Pass
				30	3.70	-4.520	-0.0024	-2.5 to 2.5	Pass
				40	3.70	-2.203	-0.0012	-2.5 to 2.5	Pass
				50	3.70	-7.811	-0.0042	-2.5 to 2.5	Pass
				20	3.30	-4.148	-0.0022	-2.5 to 2.5	Pass
					3.70	-5.708	-0.0030	-2.5 to 2.5	Pass
					4.00	-4.148	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-7.539	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	-4.950	-0.0026	-2.5 to 2.5	Pass
				-10	3.70	-4.134	-0.0022	-2.5 to 2.5	Pass
				0	3.70	-8.440	-0.0045	-2.5 to 2.5	Pass
				10	3.70	-4.163	-0.0022	-2.5 to 2.5	Pass
	1910	50	0	30	3.70	-10.386	-0.0055	-2.5 to 2.5	Pass
				40	3.70	-4.749	-0.0025	-2.5 to 2.5	Pass
				50	3.70	-4.892	-0.0026	-2.5 to 2.5	Pass
				20	3.30	-3.533	-0.0018	-2.5 to 2.5	Pass
					3.70	-5.679	-0.0030	-2.5 to 2.5	Pass
					4.00	-8.855	-0.0046	-2.5 to 2.5	Pass
				-30	3.70	-7.653	-0.0040	-2.5 to 2.5	Pass
				-20	3.70	-6.137	-0.0032	-2.5 to 2.5	Pass
				-10	3.70	-4.406	-0.0023	-2.5 to 2.5	Pass
				0	3.70	-9.699	-0.0051	-2.5 to 2.5	Pass
				10	3.70	-5.550	-0.0029	-2.5 to 2.5	Pass
				30	3.70	-5.293	-0.0028	-2.5 to 2.5	Pass
				40	3.70	-6.051	-0.0032	-2.5 to 2.5	Pass
16QAM	1855	50	0	50	3.70	-4.778	-0.0025	-2.5 to 2.5	Pass
				20	3.30	-2.761	-0.0015	-2.5 to 2.5	Pass
					3.70	-7.353	-0.0040	-2.5 to 2.5	Pass
					4.00	-1.960	-0.0011	-2.5 to 2.5	Pass
				-30	3.70	-2.961	-0.0016	-2.5 to 2.5	Pass
				-20	3.70	-7.310	-0.0039	-2.5 to 2.5	Pass
				-10	3.70	-2.103	-0.0011	-2.5 to 2.5	Pass
				0	3.70	-2.732	-0.0015	-2.5 to 2.5	Pass
				10	3.70	-2.661	-0.0014	-2.5 to 2.5	Pass
				30	3.70	-2.761	-0.0015	-2.5 to 2.5	Pass
				40	3.70	-4.234	-0.0023	-2.5 to 2.5	Pass
				50	3.70	-3.306	-0.0018	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.30	-2.804	-0.0015	-2.5 to 2.5	Pass
					3.70	-10.815	-0.0057	-2.5 to 2.5	Pass
					4.00	-7.882	-0.0042	-2.5 to 2.5	Pass
				-30	3.70	-8.197	-0.0044	-2.5 to 2.5	Pass
				-20	3.70	-5.908	-0.0031	-2.5 to 2.5	Pass
				-10	3.70	-1.516	-0.0008	-2.5 to 2.5	Pass
				0	3.70	-5.708	-0.0030	-2.5 to 2.5	Pass
				10	3.70	-6.695	-0.0036	-2.5 to 2.5	Pass
				30	3.70	-8.826	-0.0047	-2.5 to 2.5	Pass
				40	3.70	-7.467	-0.0040	-2.5 to 2.5	Pass
				50	3.70	-3.033	-0.0016	-2.5 to 2.5	Pass
	1910	50	0	20	3.30	-9.241	-0.0048	-2.5 to 2.5	Pass
					3.70	-9.928	-0.0052	-2.5 to 2.5	Pass
					4.00	-6.323	-0.0033	-2.5 to 2.5	Pass
				-30	3.70	-7.167	-0.0038	-2.5 to 2.5	Pass
				-20	3.70	-3.233	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-7.353	-0.0038	-2.5 to 2.5	Pass
				0	3.70	-5.651	-0.0030	-2.5 to 2.5	Pass
				10	3.70	-8.769	-0.0046	-2.5 to 2.5	Pass
				30	3.70	-9.813	-0.0051	-2.5 to 2.5	Pass
				40	3.70	-3.934	-0.0021	-2.5 to 2.5	Pass
				50	3.70	-3.419	-0.0018	-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	3.30	-3.505	-0.0019	-2.5 to 2.5	Pass
					3.70	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.00	-3.133	-0.0017	-2.5 to 2.5	Pass
				-30	3.70	1.330	0.0007	-2.5 to 2.5	Pass
				-20	3.70	-1.888	-0.0010	-2.5 to 2.5	Pass
				-10	3.70	-2.303	-0.0012	-2.5 to 2.5	Pass
				0	3.70	-2.232	-0.0012	-2.5 to 2.5	Pass
				10	3.70	-0.701	-0.0004	-2.5 to 2.5	Pass
				30	3.70	-2.074	-0.0011	-2.5 to 2.5	Pass
				40	3.70	-1.945	-0.0010	-2.5 to 2.5	Pass
				50	3.70	1.760	0.0009	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.30	-2.933	-0.0016	-2.5 to 2.5	Pass
					3.70	-7.095	-0.0038	-2.5 to 2.5	Pass
					4.00	-4.892	-0.0026	-2.5 to 2.5	Pass
				-30	3.70	-5.507	-0.0029	-2.5 to 2.5	Pass
				-20	3.70	-8.955	-0.0048	-2.5 to 2.5	Pass
				-10	3.70	-3.376	-0.0018	-2.5 to 2.5	Pass
				0	3.70	-10.443	-0.0055	-2.5 to 2.5	Pass
				10	3.70	-4.735	-0.0025	-2.5 to 2.5	Pass
				30	3.70	-2.446	-0.0013	-2.5 to 2.5	Pass
				40	3.70	-3.433	-0.0018	-2.5 to 2.5	Pass
				50	3.70	-5.822	-0.0031	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.30	-6.137	-0.0032	-2.5 to 2.5	Pass
					3.70	-3.161	-0.0017	-2.5 to 2.5	Pass
					4.00	0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.70	-0.558	-0.0003	-2.5 to 2.5	Pass
				-20	3.70	-4.478	-0.0023	-2.5 to 2.5	Pass
				-10	3.70	-2.346	-0.0012	-2.5 to 2.5	Pass
				0	3.70	-5.608	-0.0029	-2.5 to 2.5	Pass
				10	3.70	-2.460	-0.0013	-2.5 to 2.5	Pass
				30	3.70	-8.469	-0.0044	-2.5 to 2.5	Pass
				40	3.70	-4.048	-0.0021	-2.5 to 2.5	Pass
				50	3.70	-3.104	-0.0016	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.30	-4.563	-0.0025	-2.5 to 2.5	Pass
					3.70	-3.247	-0.0017	-2.5 to 2.5	Pass
					4.00	-6.452	-0.0035	-2.5 to 2.5	Pass
				-30	3.70	-1.659	-0.0009	-2.5 to 2.5	Pass
				-20	3.70	-3.233	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-2.203	-0.0012	-2.5 to 2.5	Pass
				0	3.70	-2.031	-0.0011	-2.5 to 2.5	Pass
				10	3.70	-3.476	-0.0019	-2.5 to 2.5	Pass
				30	3.70	-2.174	-0.0012	-2.5 to 2.5	Pass
				40	3.70	-2.990	-0.0016	-2.5 to 2.5	Pass
				50	3.70	-1.659	-0.0009	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.30	-6.051	-0.0032	-2.5 to 2.5	Pass
					3.70	-5.050	-0.0027	-2.5 to 2.5	Pass
					4.00	-3.662	-0.0019	-2.5 to 2.5	Pass
				-30	3.70	-4.063	-0.0022	-2.5 to 2.5	Pass
				-20	3.70	-11.473	-0.0061	-2.5 to 2.5	Pass

				-10	3.70	-5.493	-0.0029	-2.5 to 2.5	Pass
				0	3.70	-3.405	-0.0018	-2.5 to 2.5	Pass
				10	3.70	-5.393	-0.0029	-2.5 to 2.5	Pass
				30	3.70	-7.153	-0.0038	-2.5 to 2.5	Pass
				40	3.70	-7.038	-0.0037	-2.5 to 2.5	Pass
				50	3.70	-7.567	-0.0040	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.30	-7.439	-0.0039	-2.5 to 2.5	Pass
					3.70	-7.253	-0.0038	-2.5 to 2.5	Pass
					4.00	-8.268	-0.0043	-2.5 to 2.5	Pass
				-30	3.70	-1.144	-0.0006	-2.5 to 2.5	Pass
				-20	3.70	-5.136	-0.0027	-2.5 to 2.5	Pass
				-10	3.70	-5.522	-0.0029	-2.5 to 2.5	Pass
				0	3.70	-4.320	-0.0023	-2.5 to 2.5	Pass
				10	3.70	-5.264	-0.0028	-2.5 to 2.5	Pass
				30	3.70	-5.708	-0.0030	-2.5 to 2.5	Pass
				40	3.70	-9.112	-0.0048	-2.5 to 2.5	Pass
				50	3.70	-3.562	-0.0019	-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	3.30	-5.350	-0.0029	-2.5 to 2.5	Pass
					3.70	-2.446	-0.0013	-2.5 to 2.5	Pass
					4.00	-4.120	-0.0022	-2.5 to 2.5	Pass
				-30	3.70	-0.243	-0.0001	-2.5 to 2.5	Pass
				-20	3.70	-2.360	-0.0013	-2.5 to 2.5	Pass
				-10	3.70	-4.563	-0.0025	-2.5 to 2.5	Pass
				0	3.70	-2.346	-0.0013	-2.5 to 2.5	Pass
				10	3.70	-4.206	-0.0023	-2.5 to 2.5	Pass
				30	3.70	-3.619	-0.0019	-2.5 to 2.5	Pass
				40	3.70	-2.518	-0.0014	-2.5 to 2.5	Pass
	1882.5	100	0	50	3.70	-1.645	-0.0009	-2.5 to 2.5	Pass
				20	3.30	-7.782	-0.0041	-2.5 to 2.5	Pass
					3.70	-8.383	-0.0045	-2.5 to 2.5	Pass
					4.00	-7.052	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	-12.188	-0.0065	-2.5 to 2.5	Pass
				-20	3.70	-3.262	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-7.081	-0.0038	-2.5 to 2.5	Pass
				0	3.70	-7.596	-0.0040	-2.5 to 2.5	Pass
				10	3.70	-7.510	-0.0040	-2.5 to 2.5	Pass
				30	3.70	-7.467	-0.0040	-2.5 to 2.5	Pass
	1905	100	0	40	3.70	-6.051	-0.0032	-2.5 to 2.5	Pass
				50	3.70	-6.266	-0.0033	-2.5 to 2.5	Pass
				20	3.30	-6.094	-0.0032	-2.5 to 2.5	Pass
					3.70	-4.334	-0.0023	-2.5 to 2.5	Pass
					4.00	-7.396	-0.0039	-2.5 to 2.5	Pass
				-30	3.70	-7.238	-0.0038	-2.5 to 2.5	Pass
				-20	3.70	-3.304	-0.0017	-2.5 to 2.5	Pass
				-10	3.70	-4.506	-0.0024	-2.5 to 2.5	Pass
				0	3.70	-4.020	-0.0021	-2.5 to 2.5	Pass
				10	3.70	-4.363	-0.0023	-2.5 to 2.5	Pass
				30	3.70	-4.735	-0.0025	-2.5 to 2.5	Pass
				40	3.70	-1.445	-0.0008	-2.5 to 2.5	Pass

16QAM	1860	100	0	50	3.70	-4.363	-0.0023	-2.5 to 2.5	Pass
				20	3.30	-3.791	-0.0020	-2.5 to 2.5	Pass
					3.70	-2.317	-0.0012	-2.5 to 2.5	Pass
					4.00	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.70	-1.817	-0.0010	-2.5 to 2.5	Pass
				-20	3.70	-3.920	-0.0021	-2.5 to 2.5	Pass
				-10	3.70	-5.221	-0.0028	-2.5 to 2.5	Pass
				0	3.70	1.330	0.0007	-2.5 to 2.5	Pass
				10	3.70	-3.304	-0.0018	-2.5 to 2.5	Pass
				30	3.70	-2.561	-0.0014	-2.5 to 2.5	Pass
	1882.5	100	0	40	3.70	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.70	-2.918	-0.0016	-2.5 to 2.5	Pass
				20	3.30	-5.479	-0.0029	-2.5 to 2.5	Pass
					3.70	-5.908	-0.0031	-2.5 to 2.5	Pass
					4.00	-6.967	-0.0037	-2.5 to 2.5	Pass
				-30	3.70	-8.912	-0.0047	-2.5 to 2.5	Pass
				-20	3.70	-9.828	-0.0052	-2.5 to 2.5	Pass
				-10	3.70	-6.380	-0.0034	-2.5 to 2.5	Pass
				0	3.70	-5.908	-0.0031	-2.5 to 2.5	Pass
				10	3.70	-5.808	-0.0031	-2.5 to 2.5	Pass
	1905	100	0	30	3.70	-7.610	-0.0040	-2.5 to 2.5	Pass
				40	3.70	-10.128	-0.0054	-2.5 to 2.5	Pass
				50	3.70	-8.898	-0.0047	-2.5 to 2.5	Pass
				20	3.30	-5.050	-0.0027	-2.5 to 2.5	Pass
					3.70	-7.195	-0.0038	-2.5 to 2.5	Pass
					4.00	-8.211	-0.0043	-2.5 to 2.5	Pass
				-30	3.70	-3.390	-0.0018	-2.5 to 2.5	Pass
				-20	3.70	-4.621	-0.0024	-2.5 to 2.5	Pass
				-10	3.70	-6.981	-0.0037	-2.5 to 2.5	Pass
				0	3.70	-5.207	-0.0027	-2.5 to 2.5	Pass
				10	3.70	-8.340	-0.0044	-2.5 to 2.5	Pass
				30	3.70	-7.725	-0.0041	-2.5 to 2.5	Pass
				40	3.70	-7.796	-0.0041	-2.5 to 2.5	Pass
				50	3.70	-10.371	-0.0054	-2.5 to 2.5	Pass

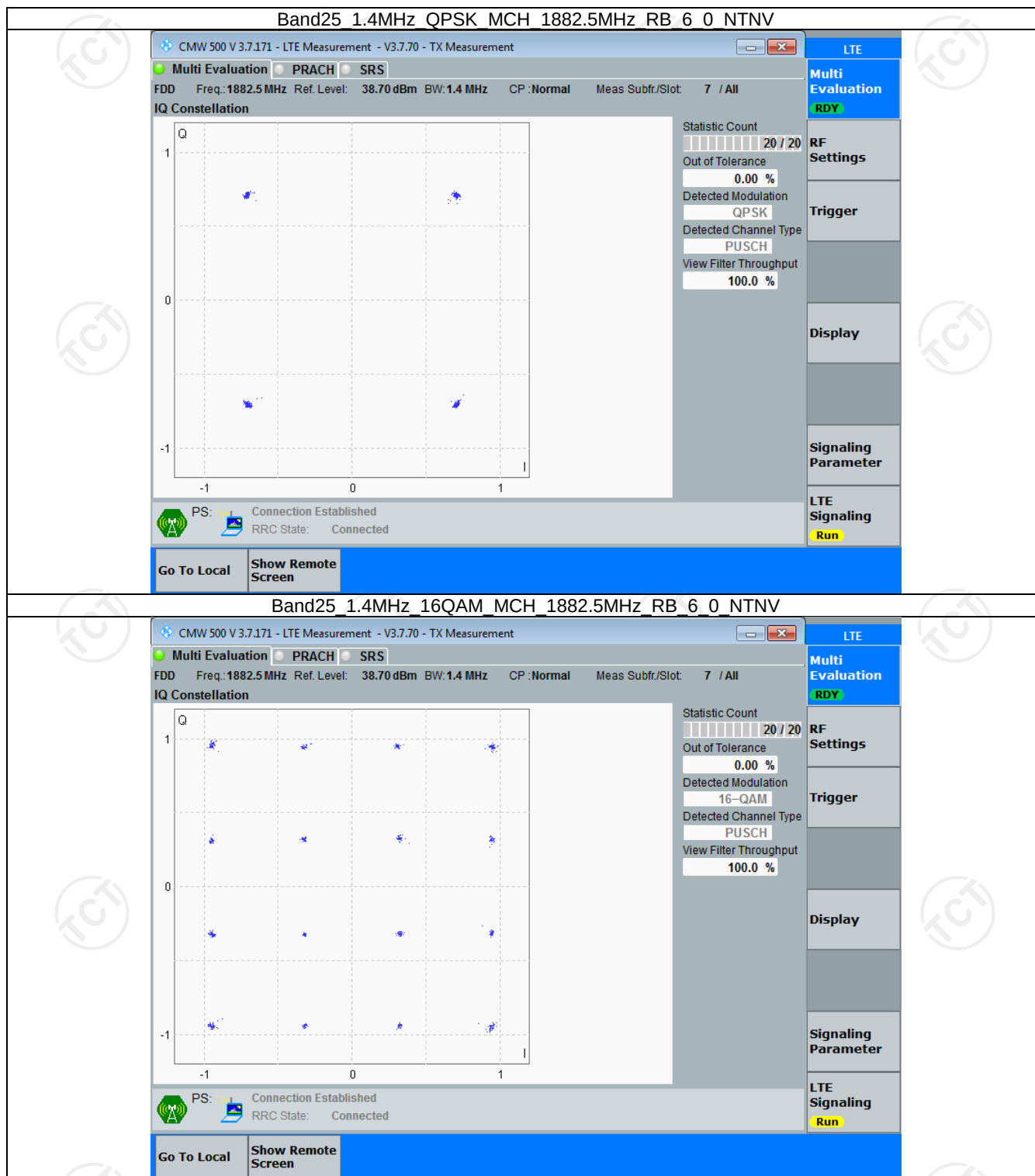
3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
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





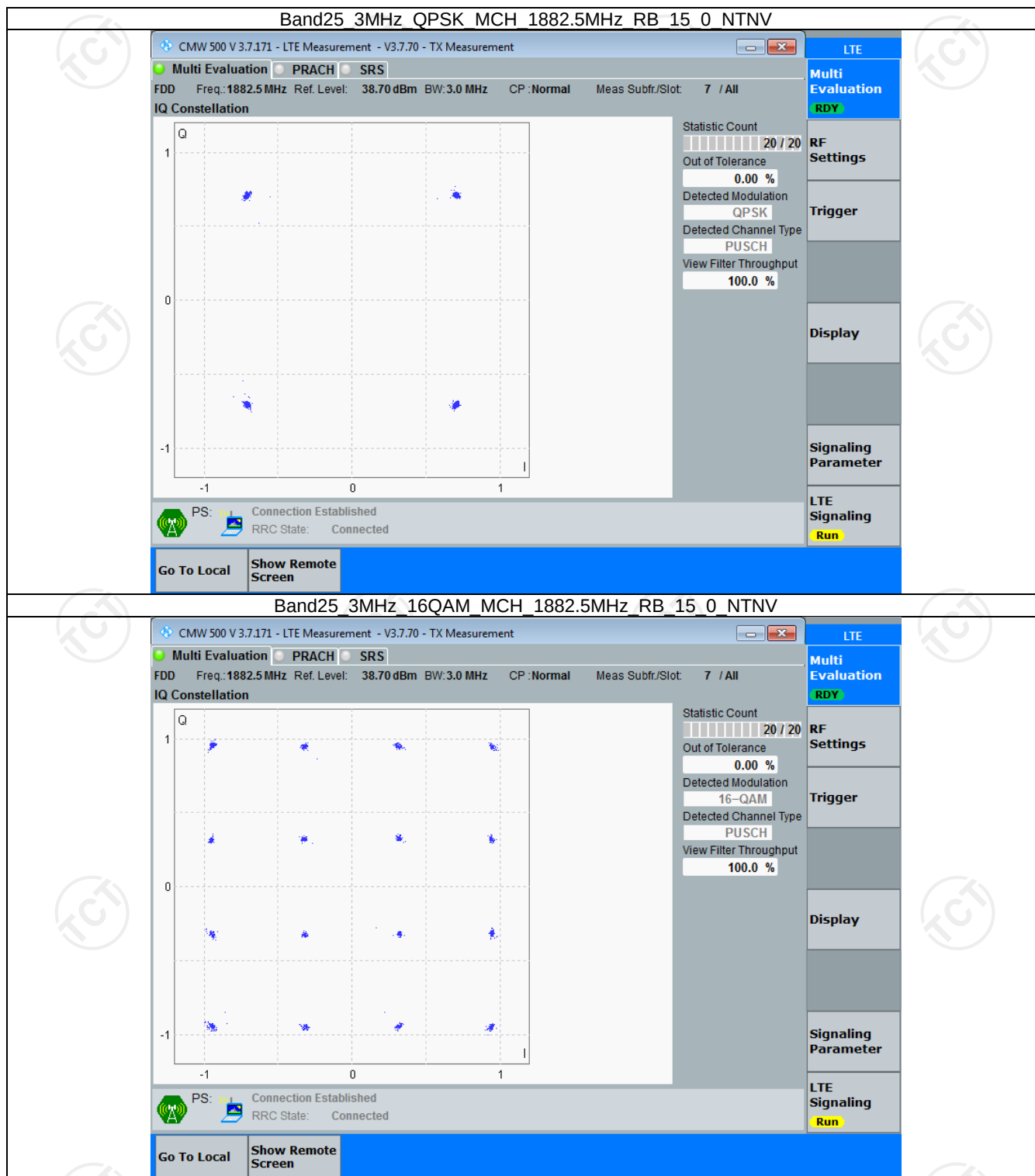
3.2 B25_3MHz

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

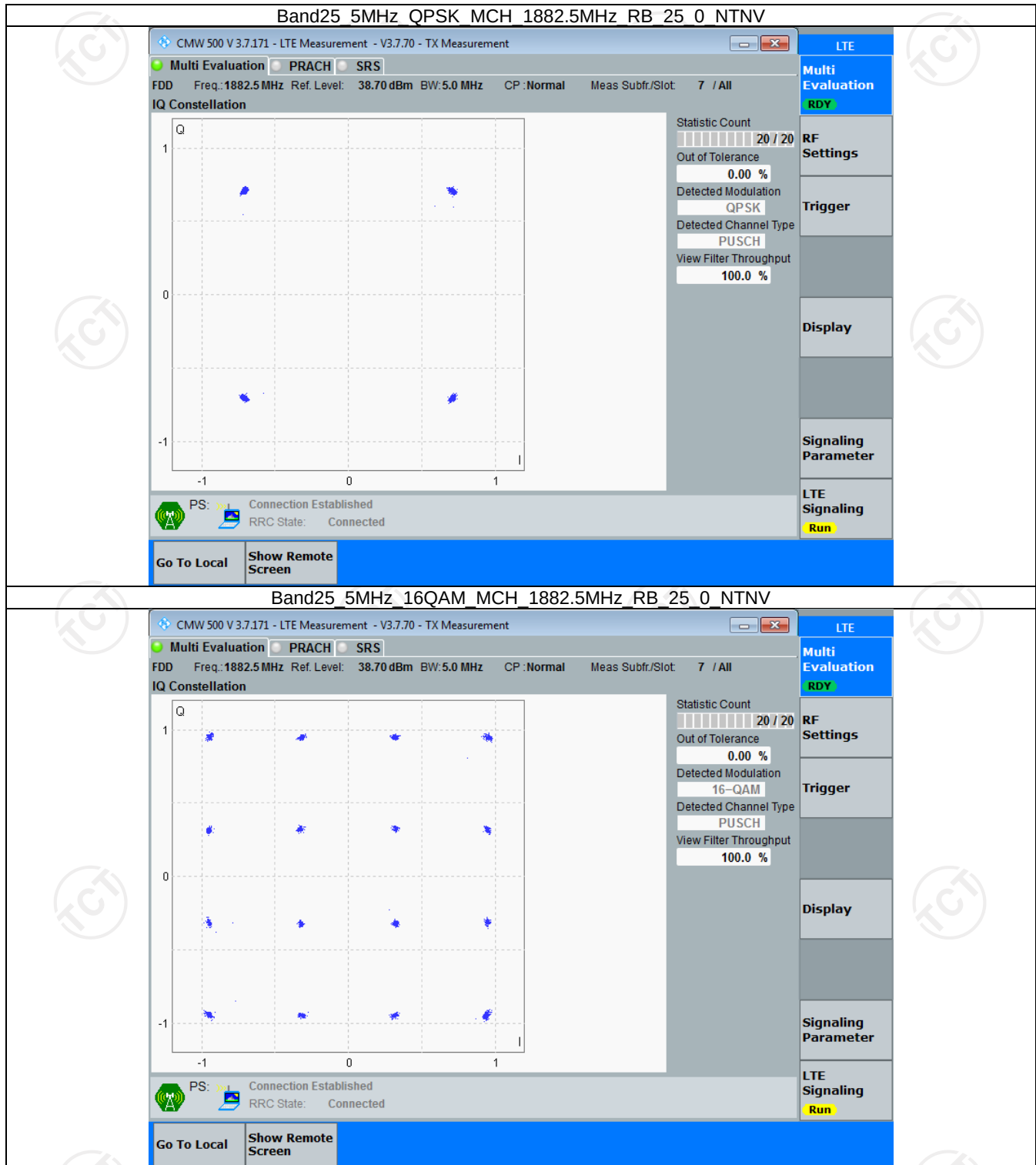


3.3 B25_5MHz

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

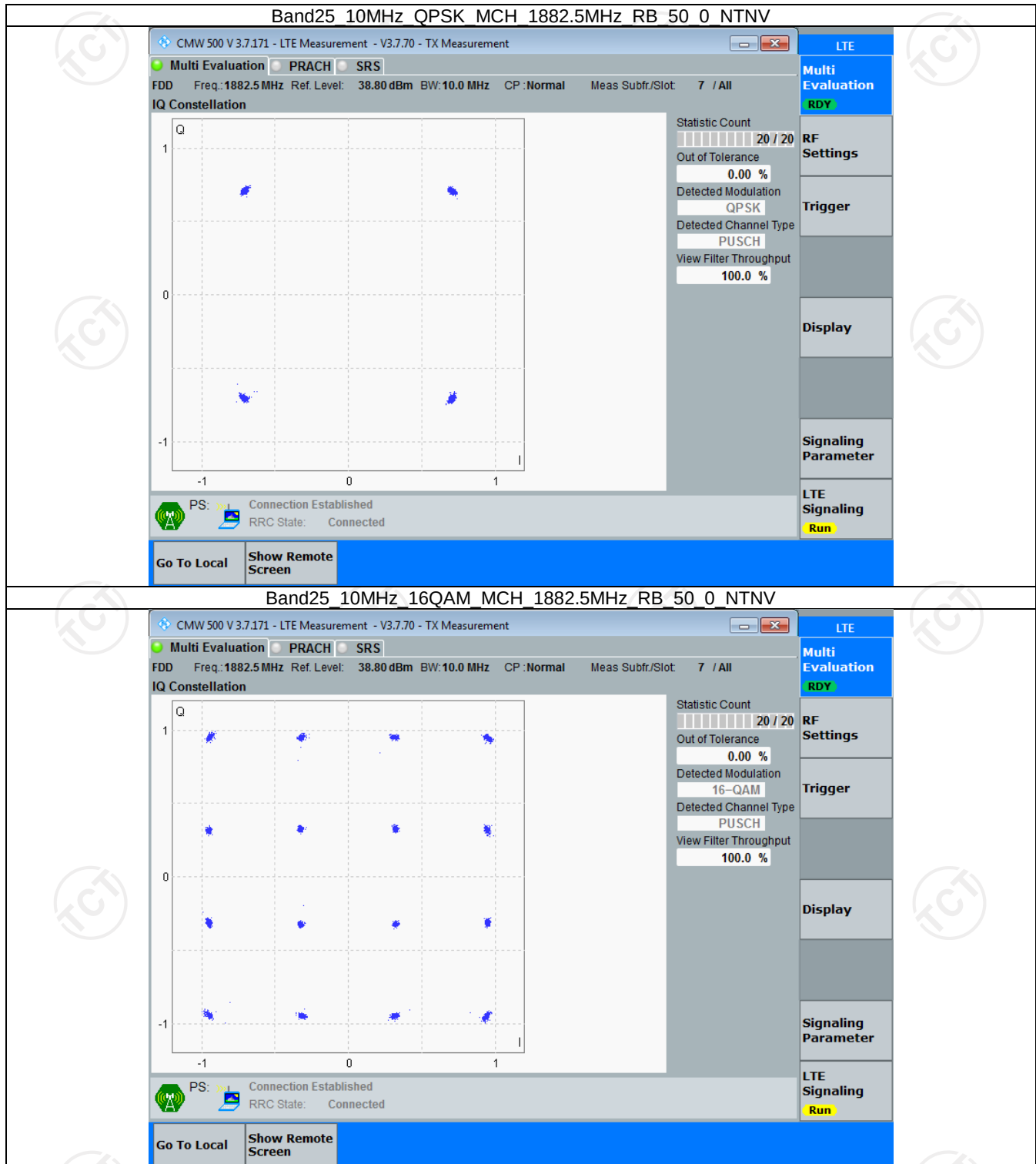


3.4 B25_10MHz

3.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTN						
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

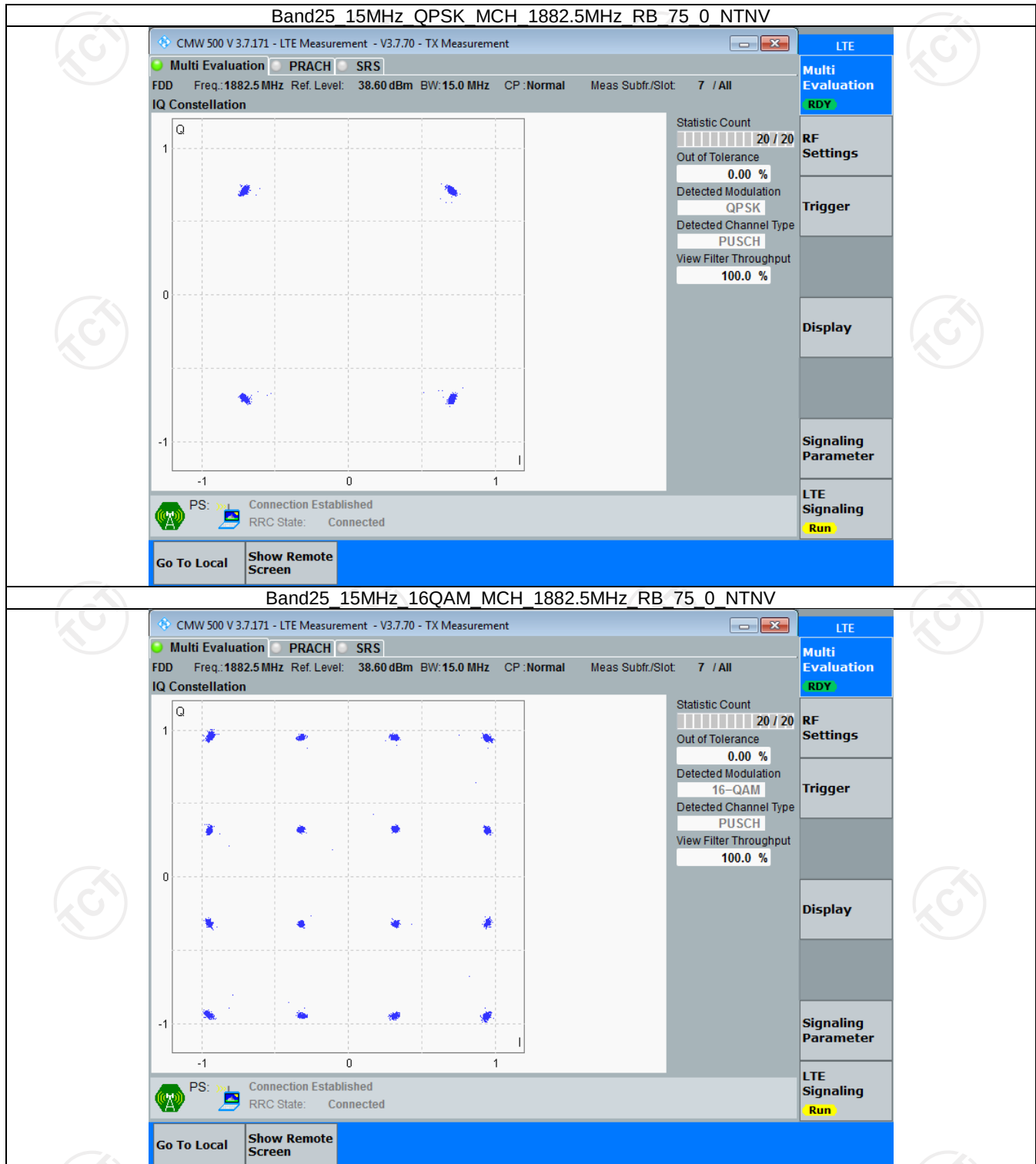


3.5 B25_15MHz

3.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTN						
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





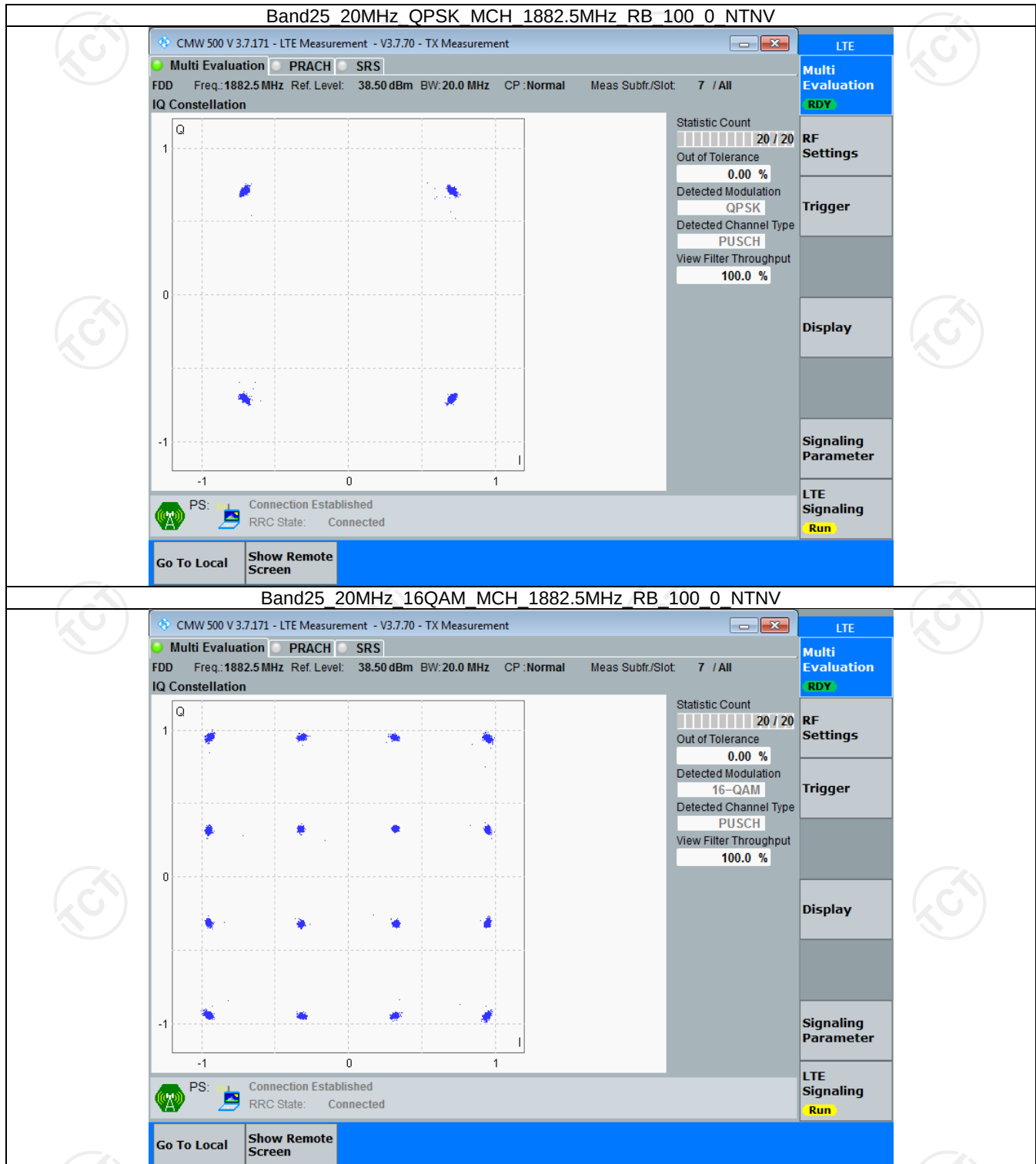
3.6 B25_20MHz

3.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTN						
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



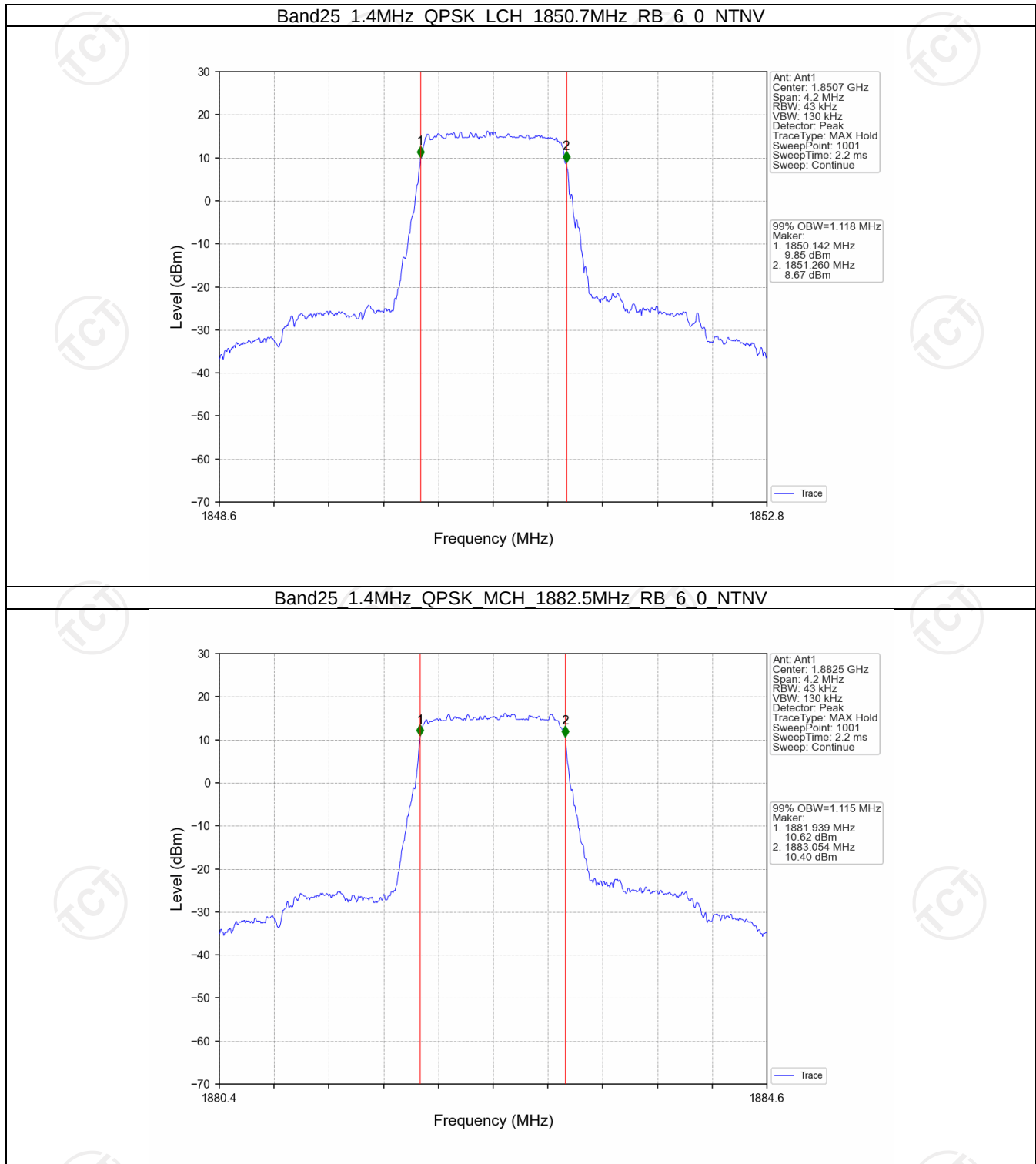
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

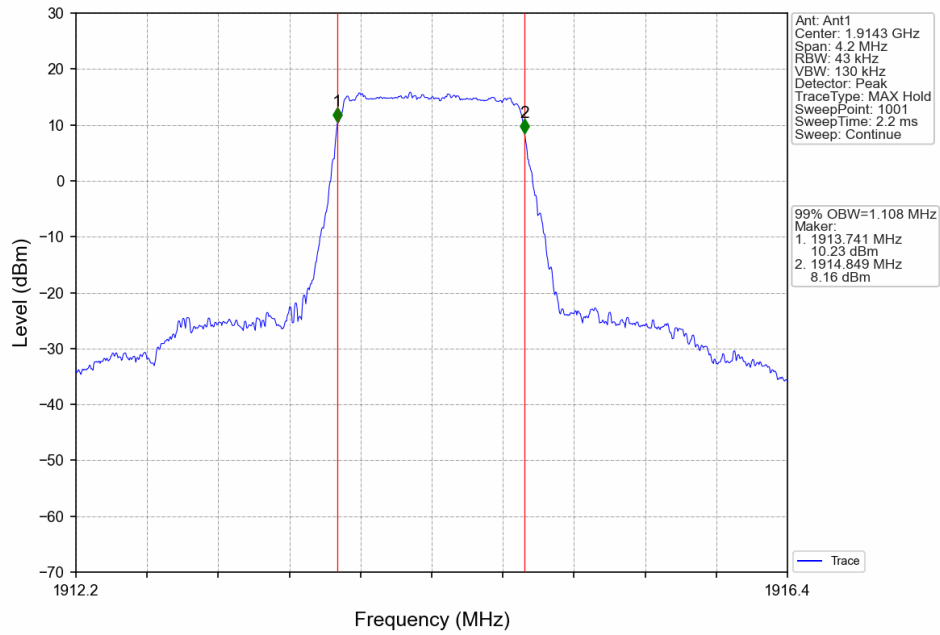
4.1.1 Test Result

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	1.118	Pass
		1882.5	6	0	1.115	Pass
		1914.3	6	0	1.108	Pass
	16QAM	1850.7	6	0	1.106	Pass
		1882.5	6	0	1.109	Pass
		1914.3	6	0	1.111	Pass
3	QPSK	1851.5	15	0	2.719	Pass
		1882.5	15	0	2.730	Pass
		1913.5	15	0	2.725	Pass
	16QAM	1851.5	15	0	2.714	Pass
		1882.5	15	0	2.721	Pass
		1913.5	15	0	2.725	Pass
5	QPSK	1852.5	25	0	4.575	Pass
		1882.5	25	0	4.560	Pass
		1912.5	25	0	4.555	Pass
	16QAM	1852.5	25	0	4.563	Pass
		1882.5	25	0	4.600	Pass
		1912.5	25	0	4.556	Pass
10	QPSK	1855	50	0	9.096	Pass
		1882.5	50	0	9.043	Pass
		1910	50	0	9.066	Pass
	16QAM	1855	50	0	9.067	Pass
		1882.5	50	0	9.068	Pass
		1910	50	0	9.064	Pass
15	QPSK	1857.5	75	0	13.674	Pass
		1882.5	75	0	13.568	Pass
		1907.5	75	0	13.562	Pass
	16QAM	1857.5	75	0	13.638	Pass
		1882.5	75	0	13.631	Pass
		1907.5	75	0	13.575	Pass
20	QPSK	1860	100	0	18.055	Pass
		1882.5	100	0	18.139	Pass
		1905	100	0	18.099	Pass
	16QAM	1860	100	0	18.145	Pass
		1882.5	100	0	18.074	Pass
		1905	100	0	18.113	Pass

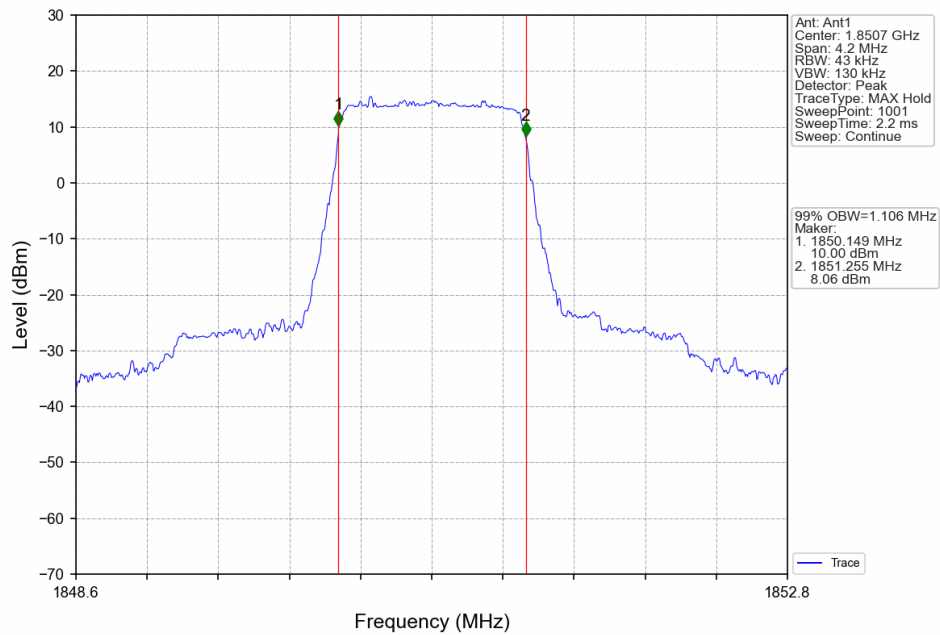
4.1.2 Test Graph



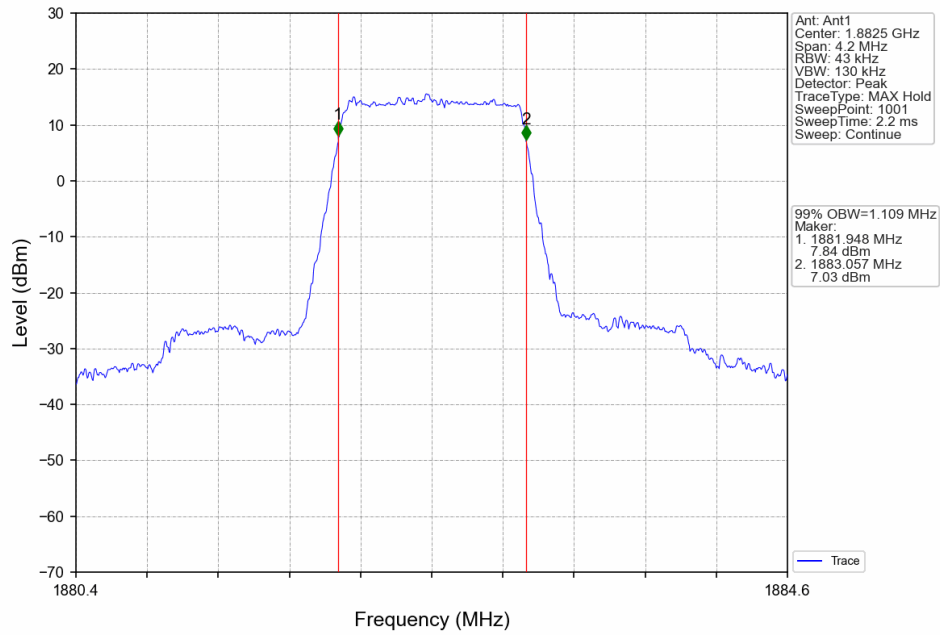
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



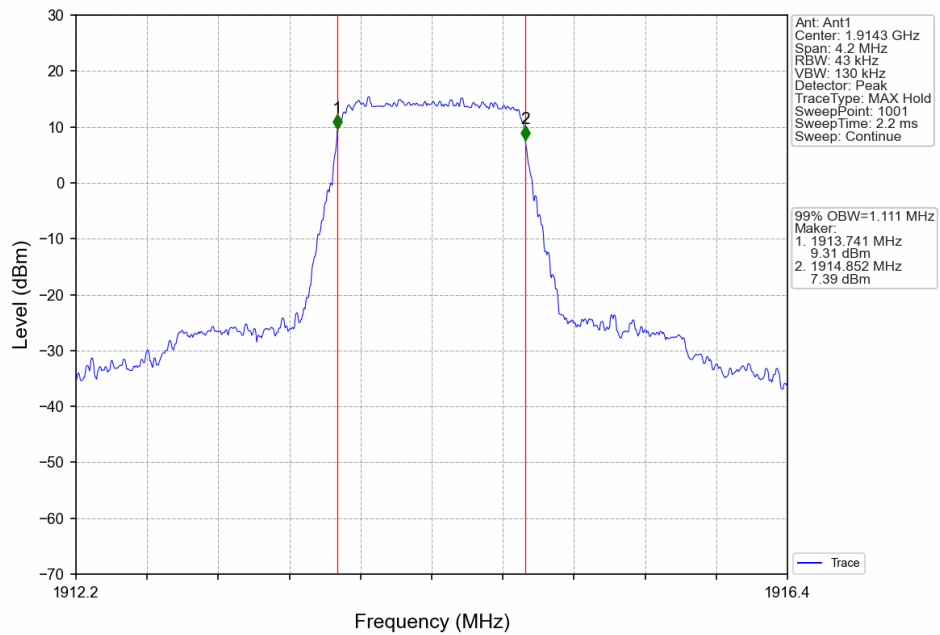
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



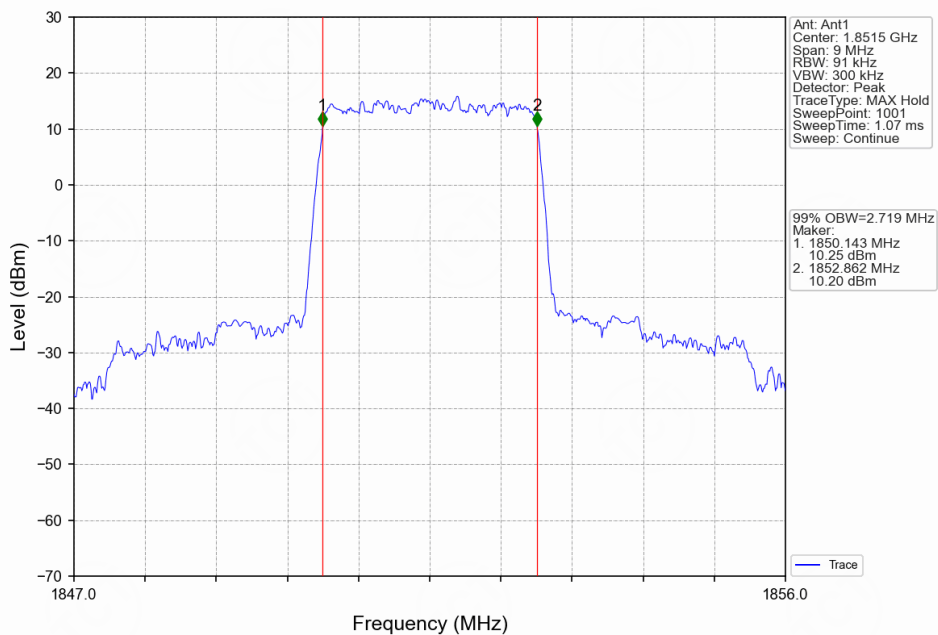
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



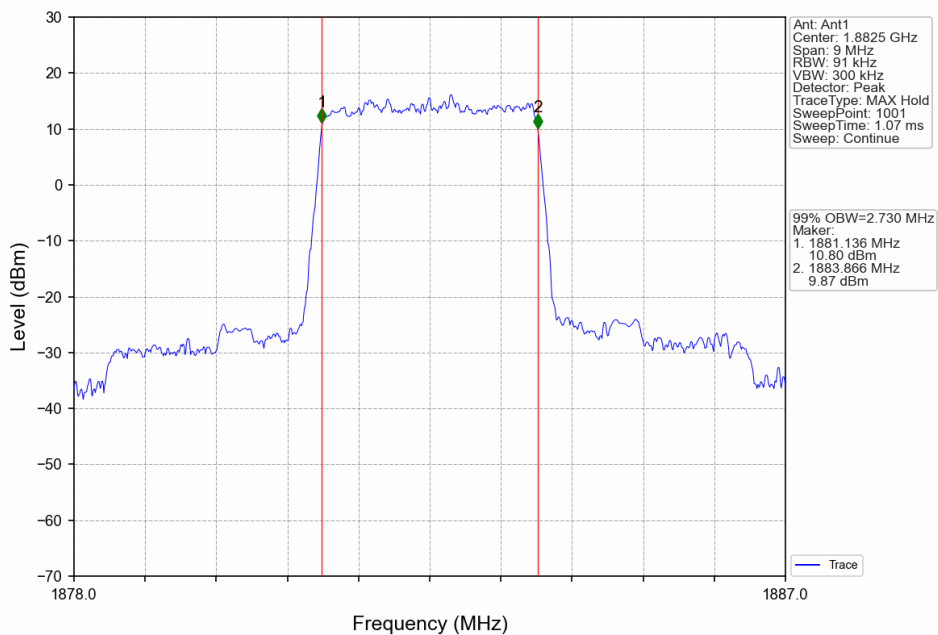
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



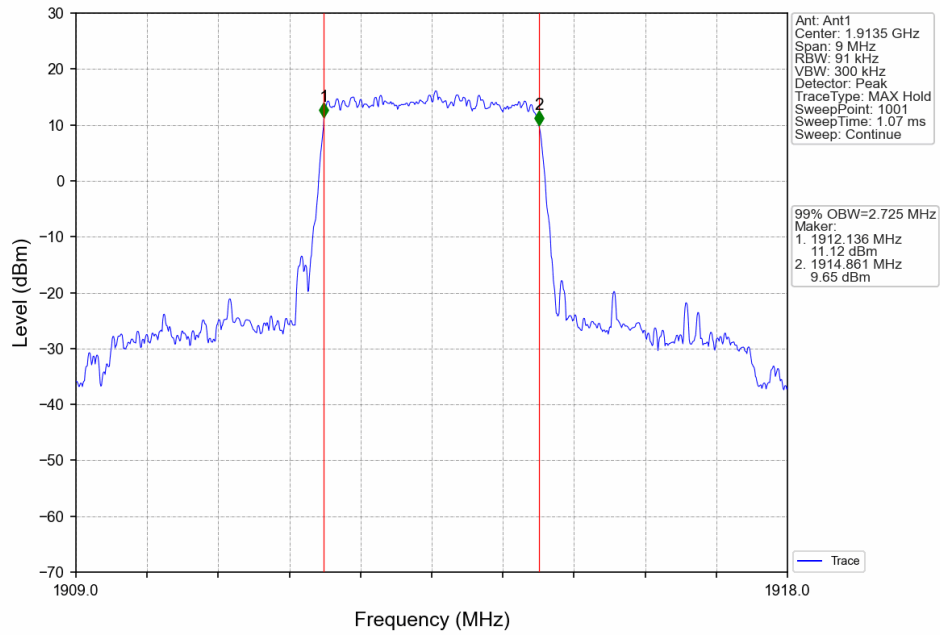
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



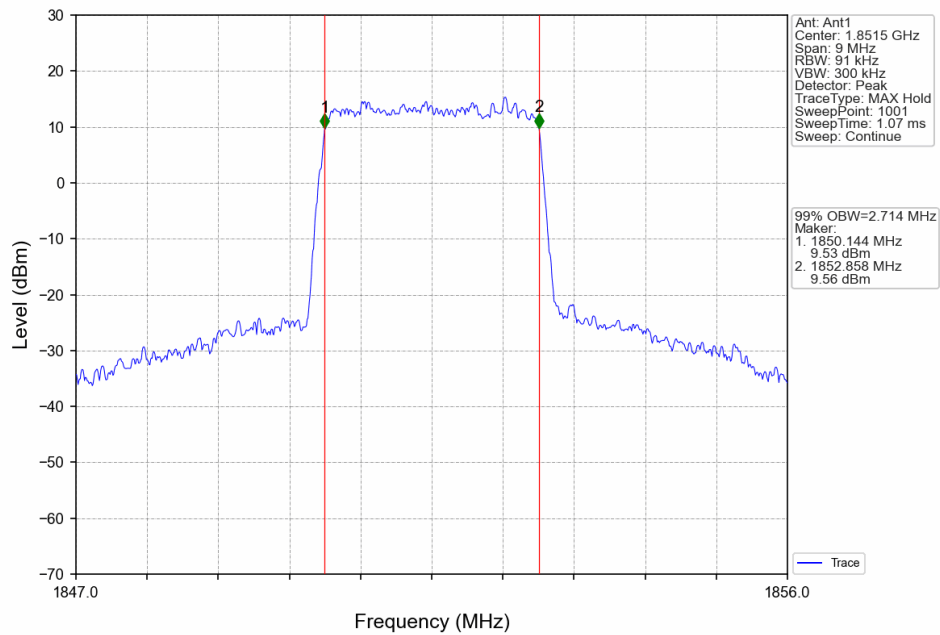
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



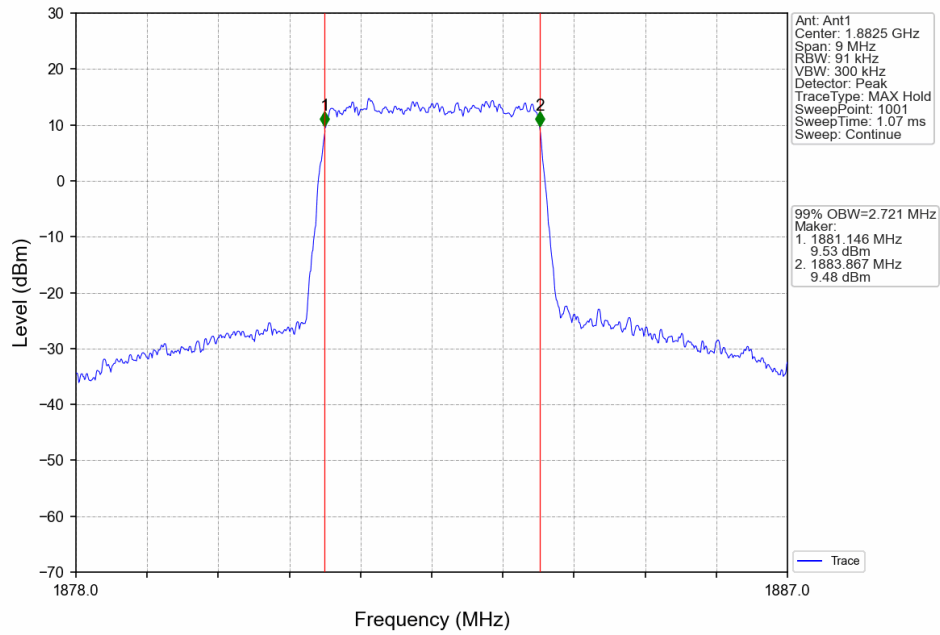
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



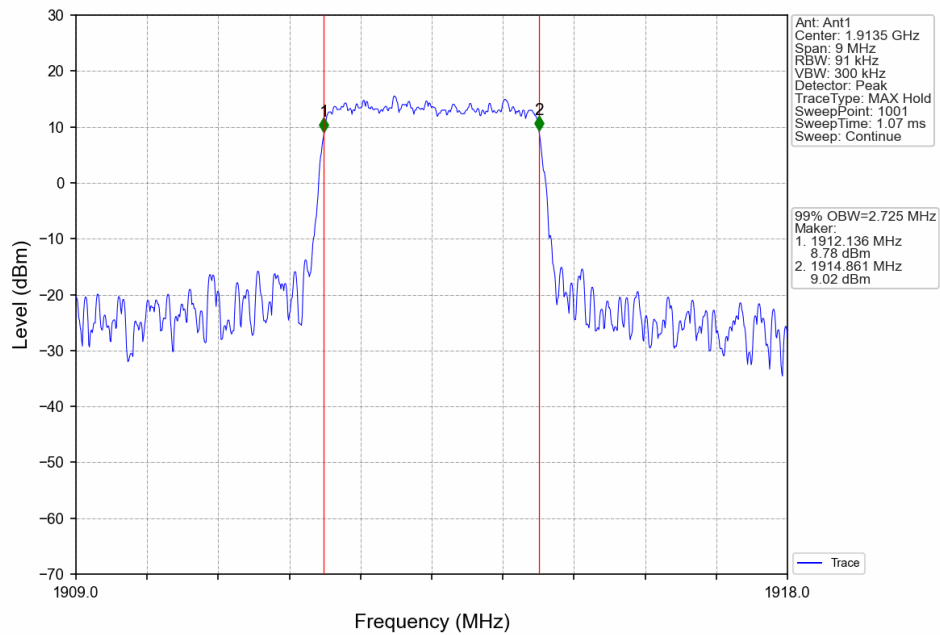
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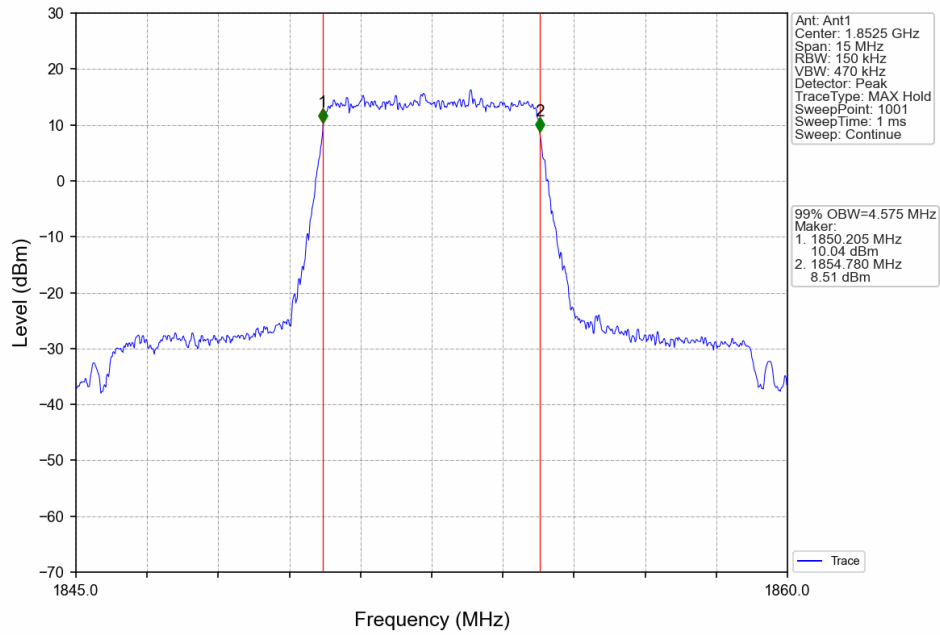
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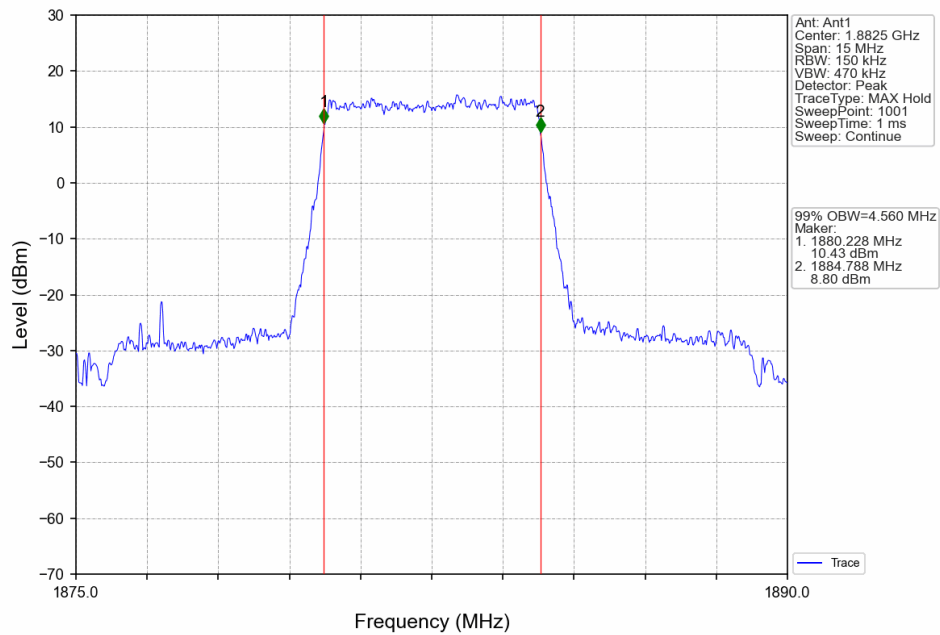
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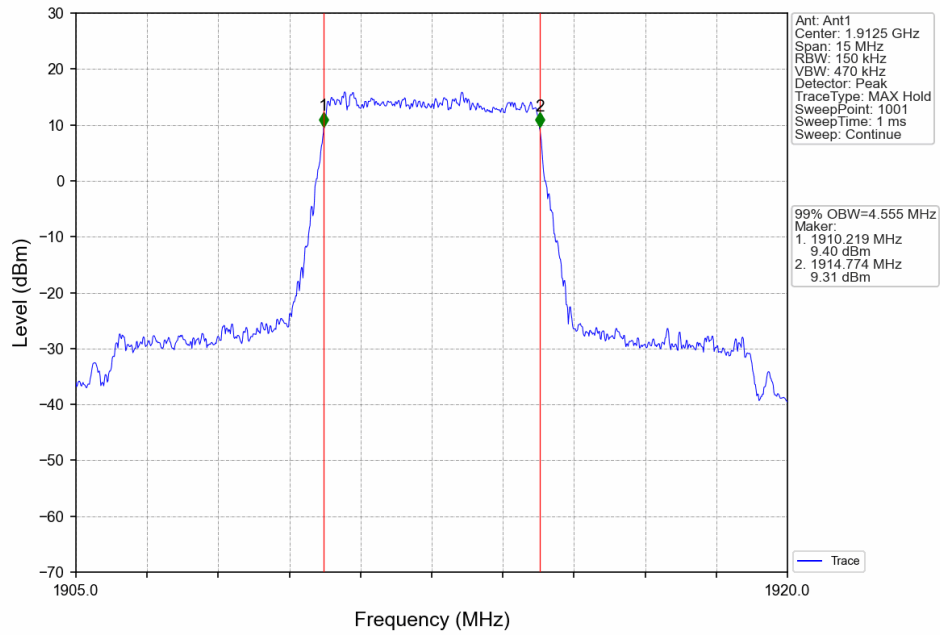
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



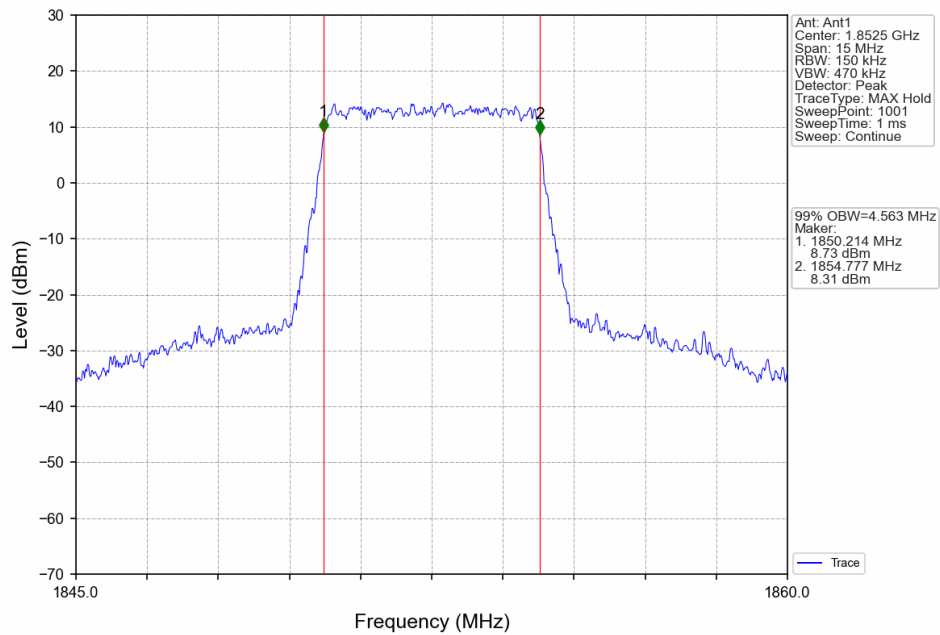
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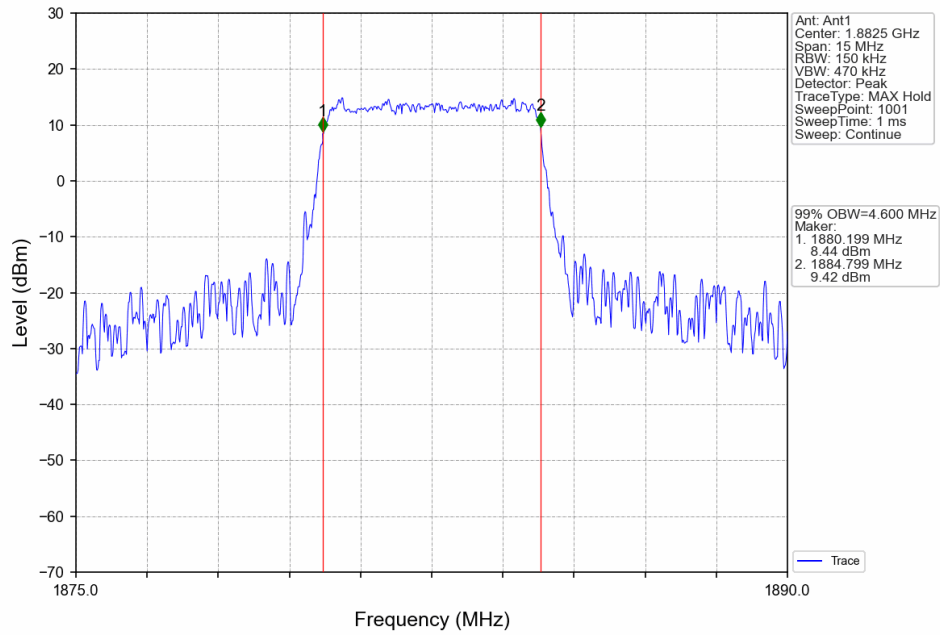
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



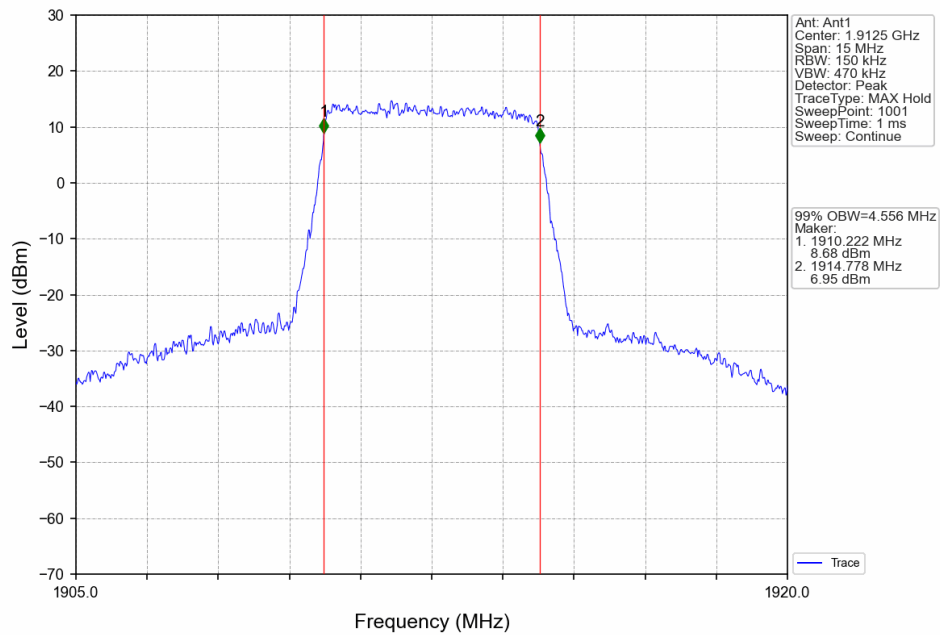
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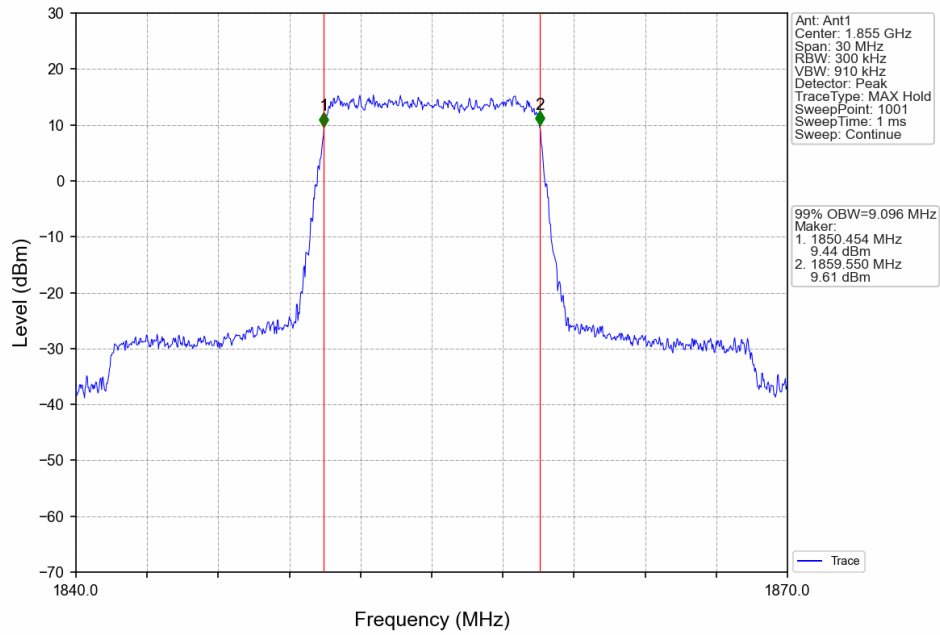
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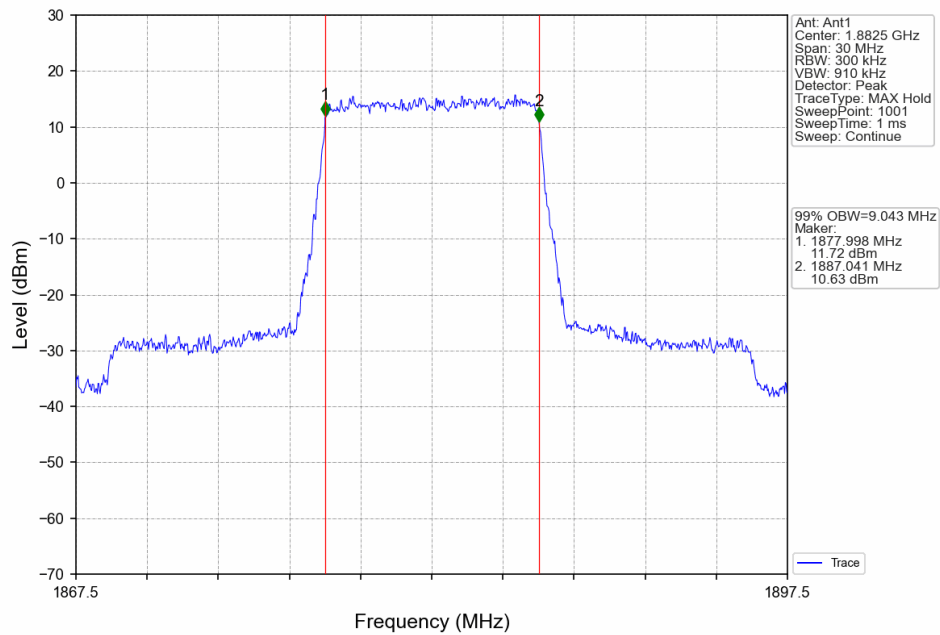
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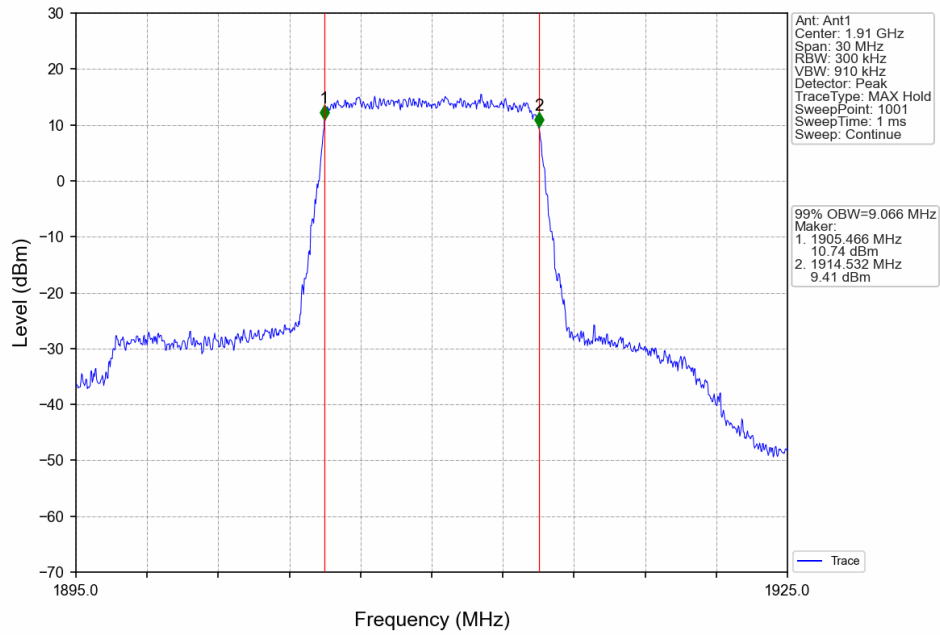
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



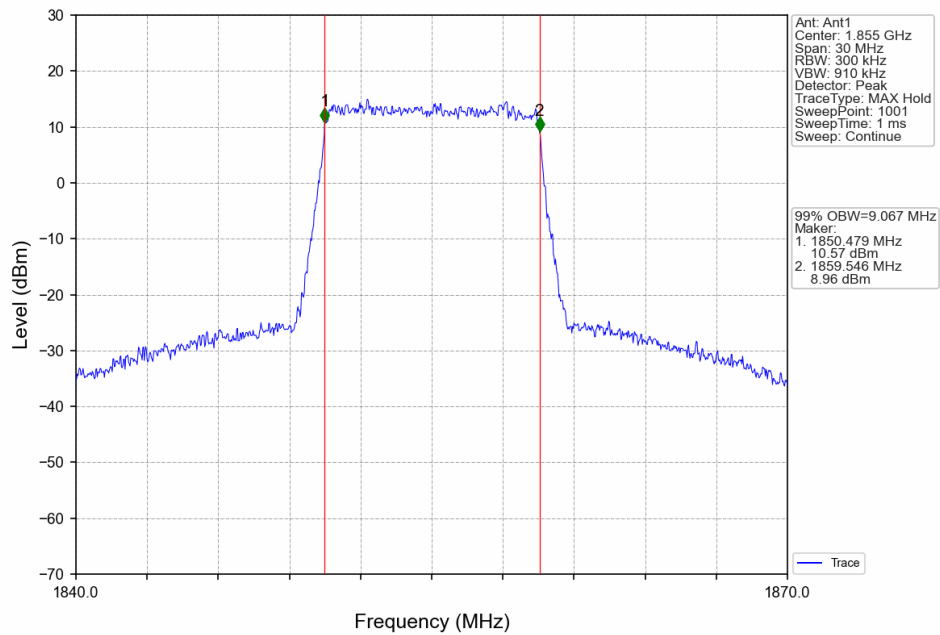
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



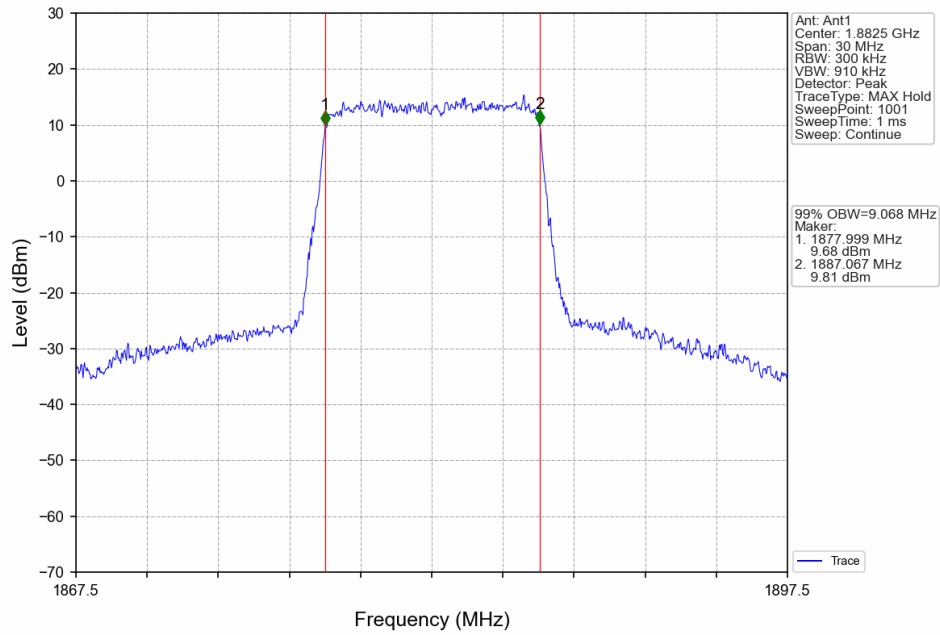
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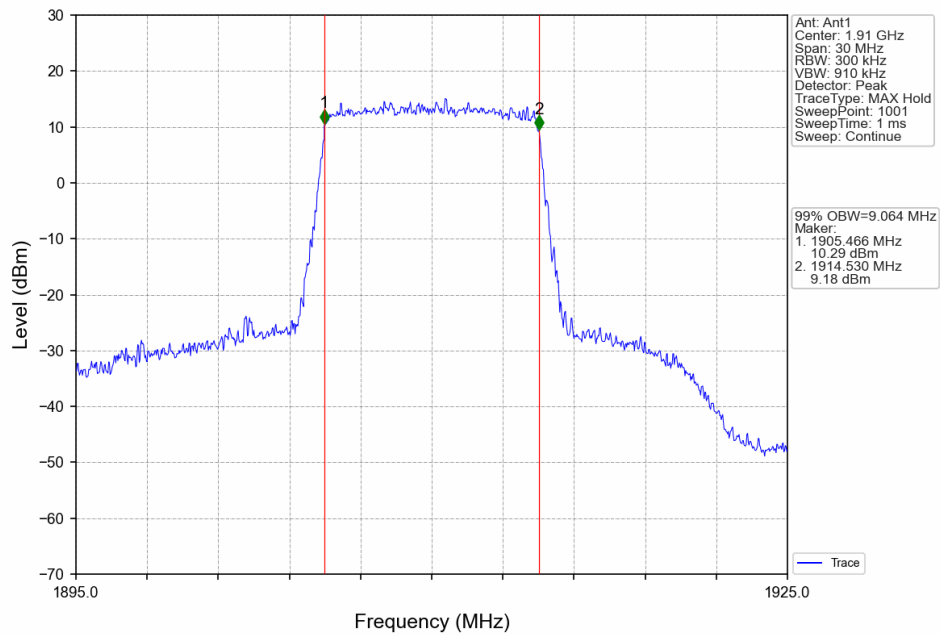
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



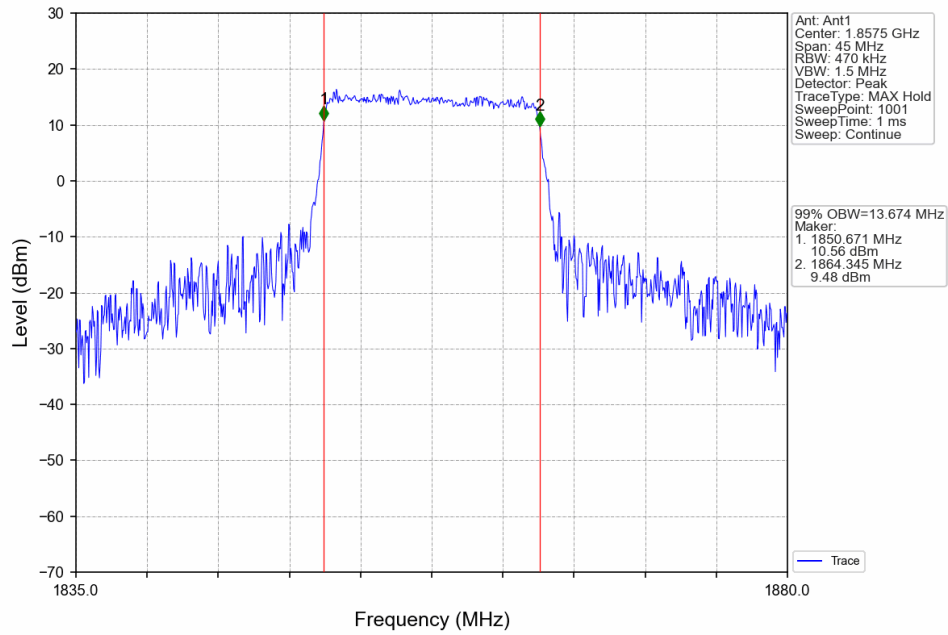
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



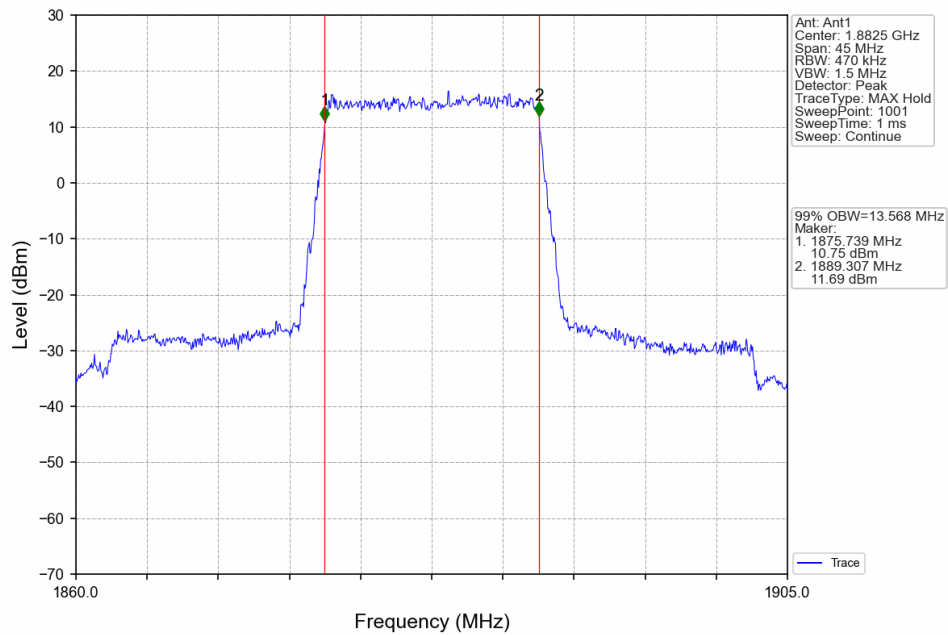
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



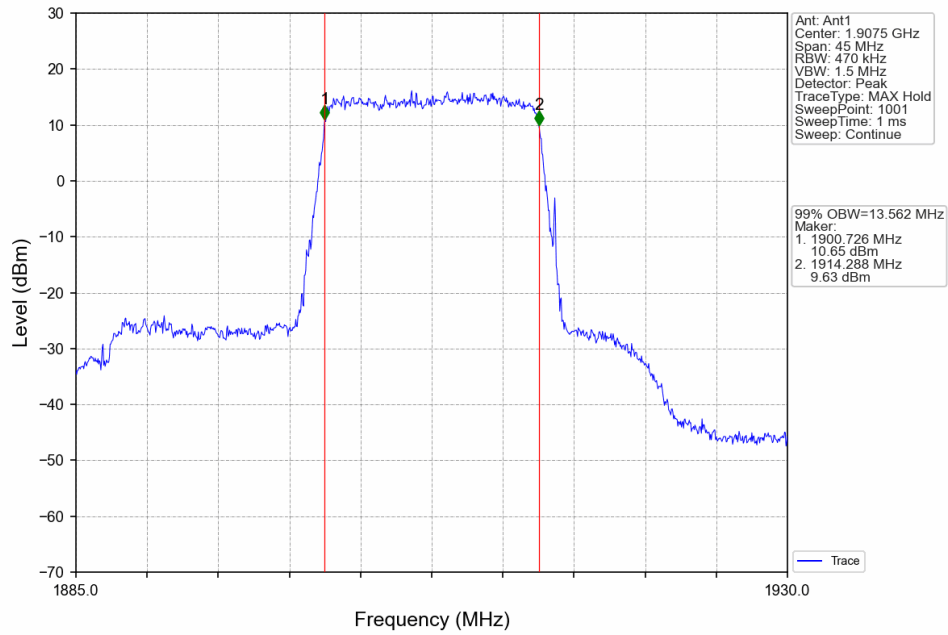
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



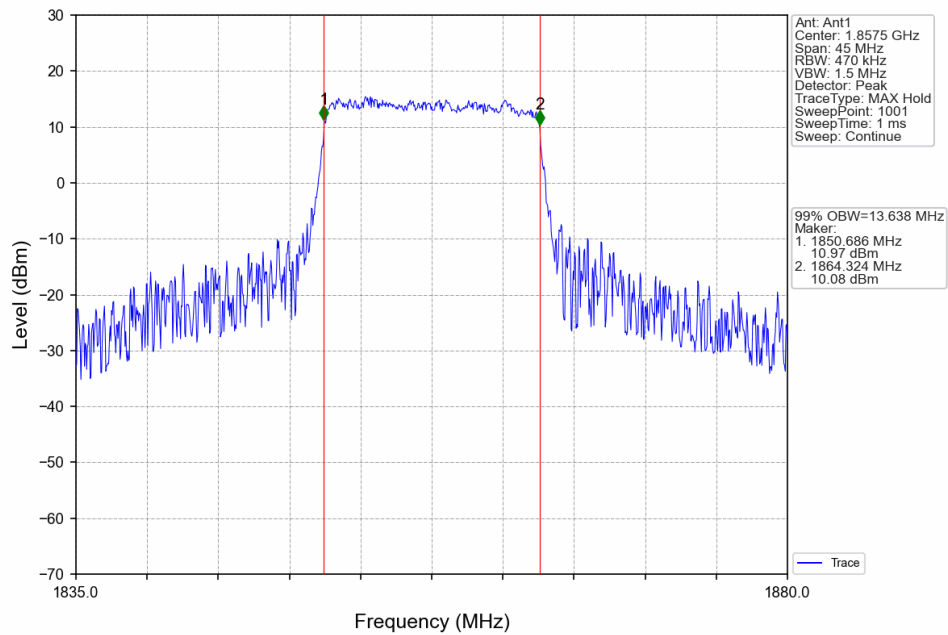
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



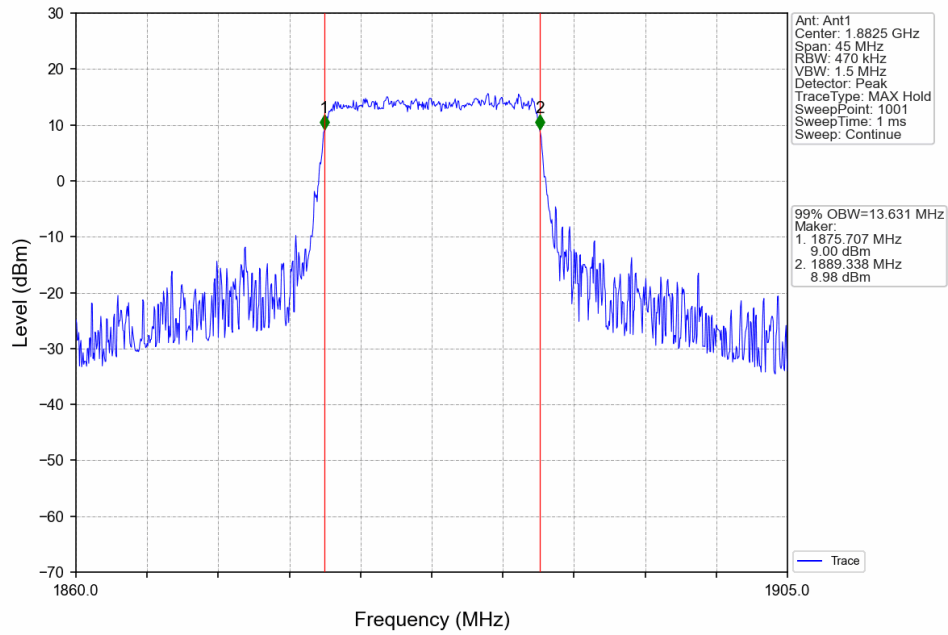
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



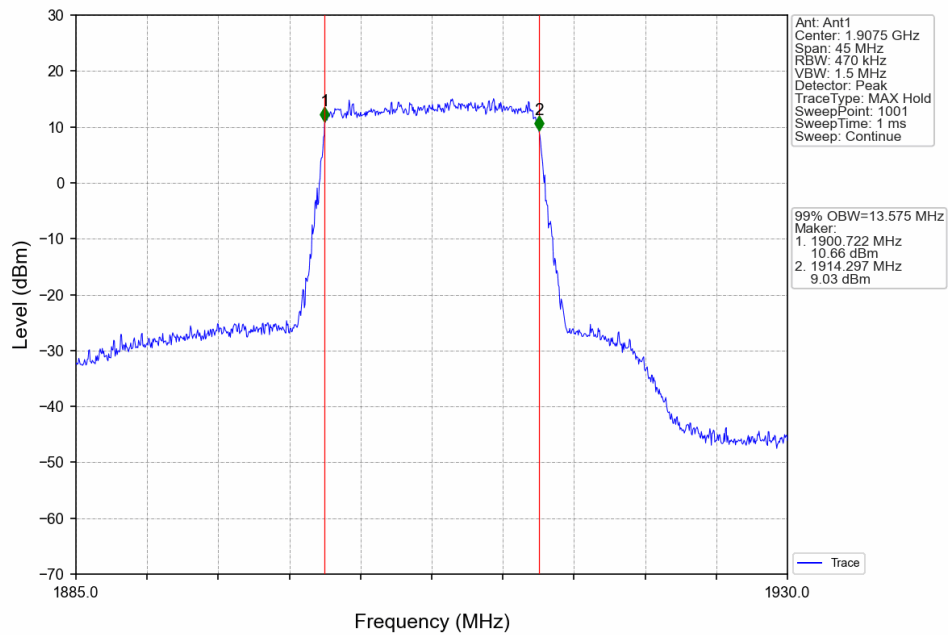
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



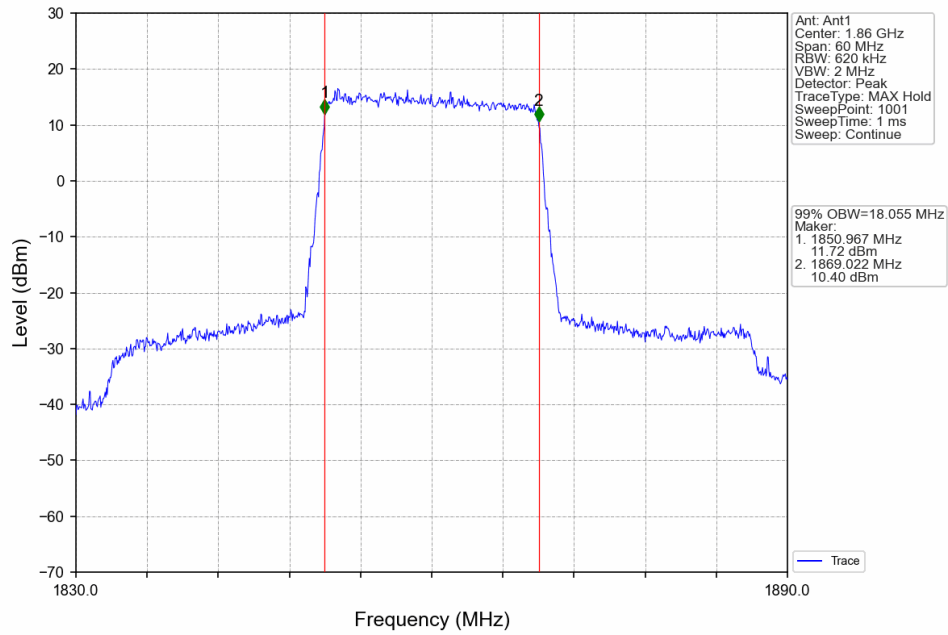
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



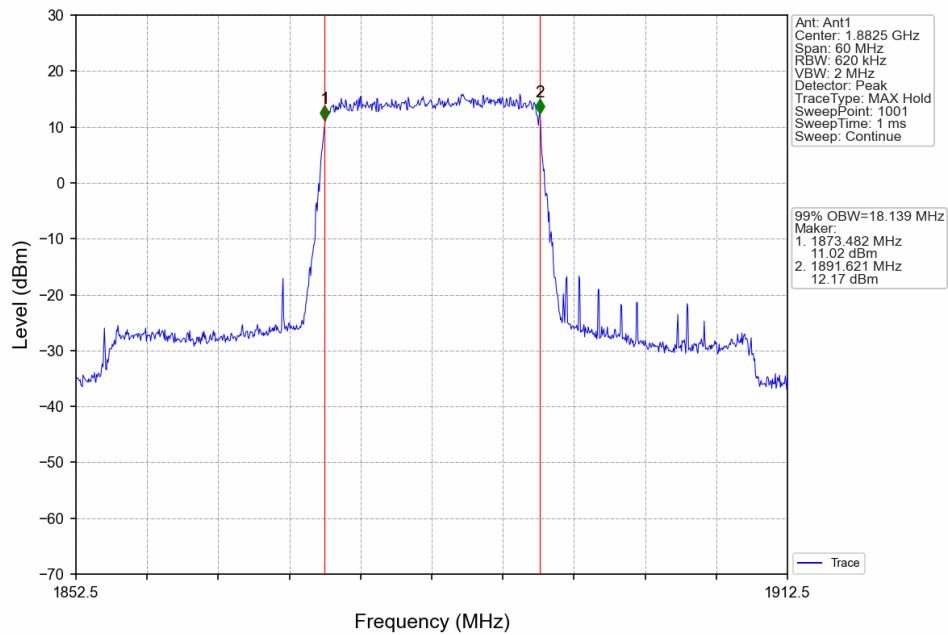
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



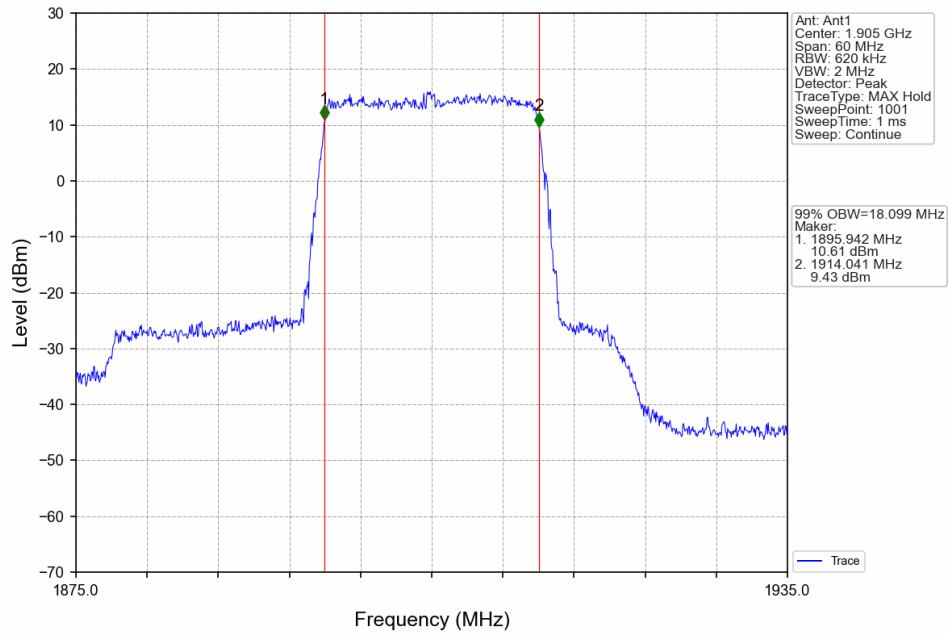
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



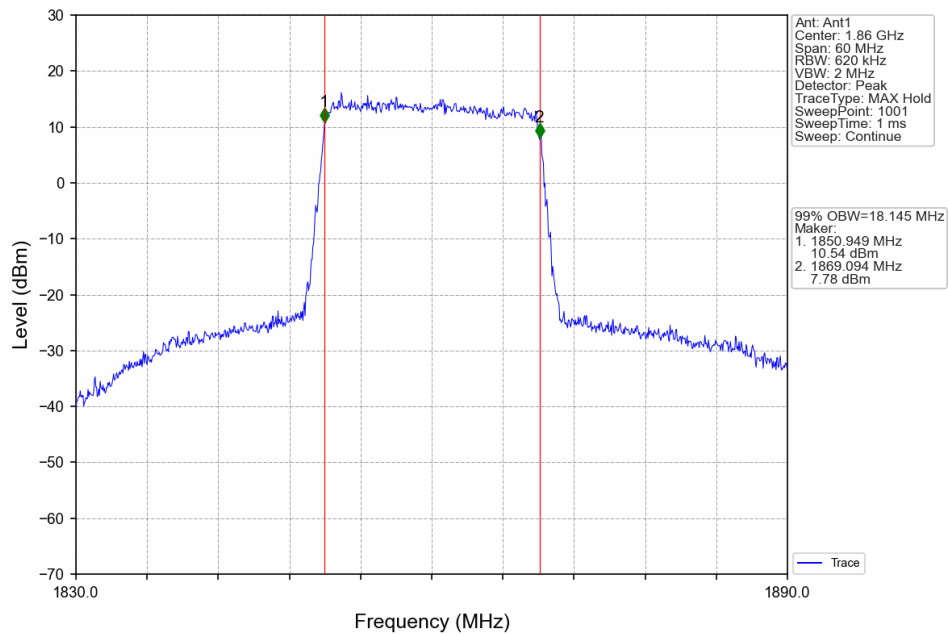
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



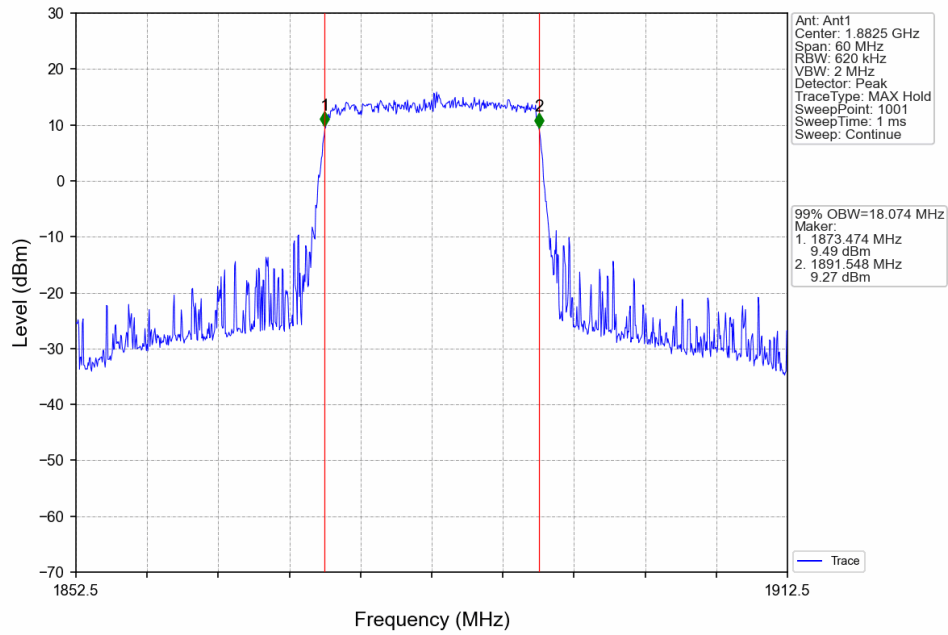
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



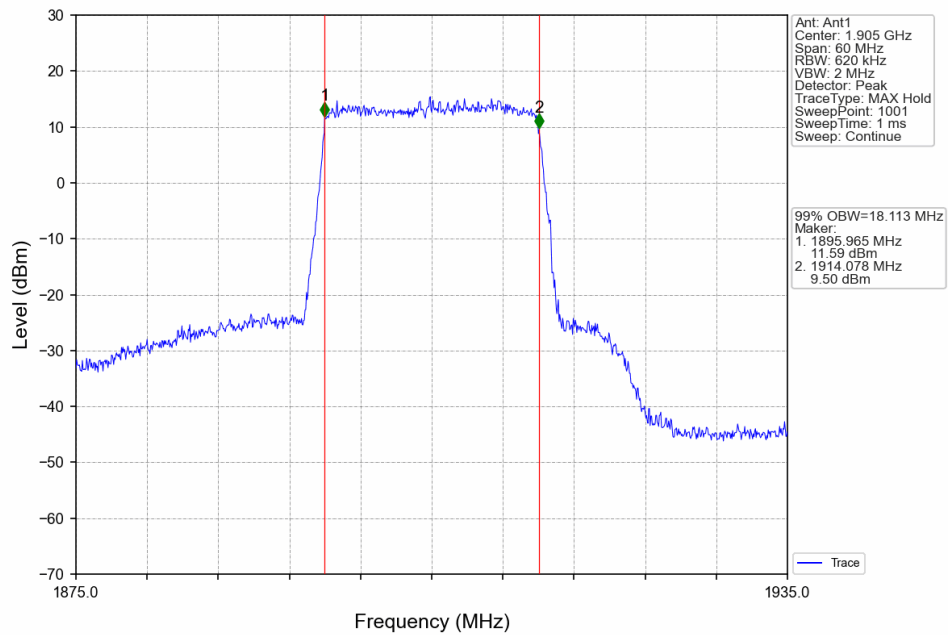
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

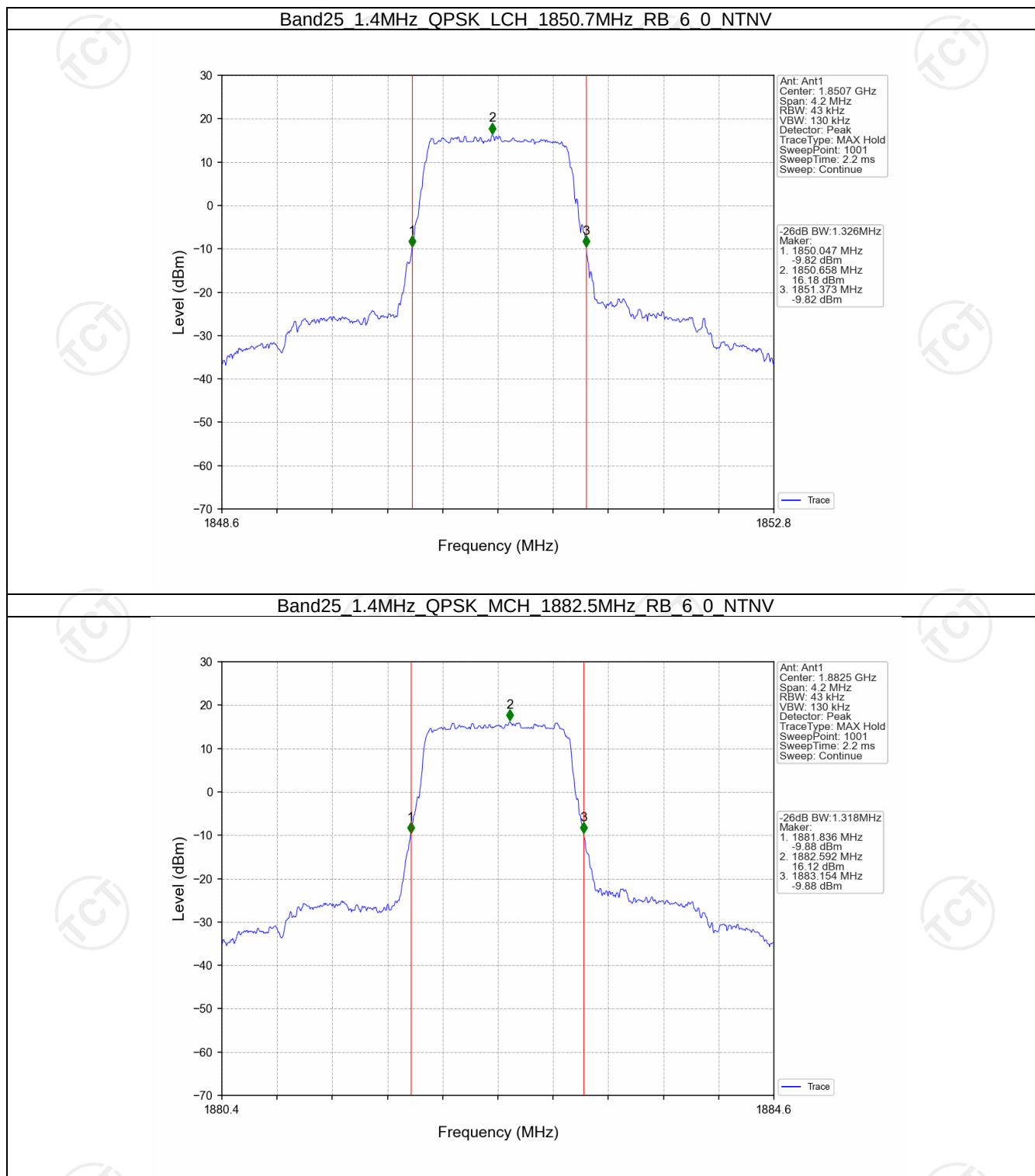


4.2 Band25_XDB

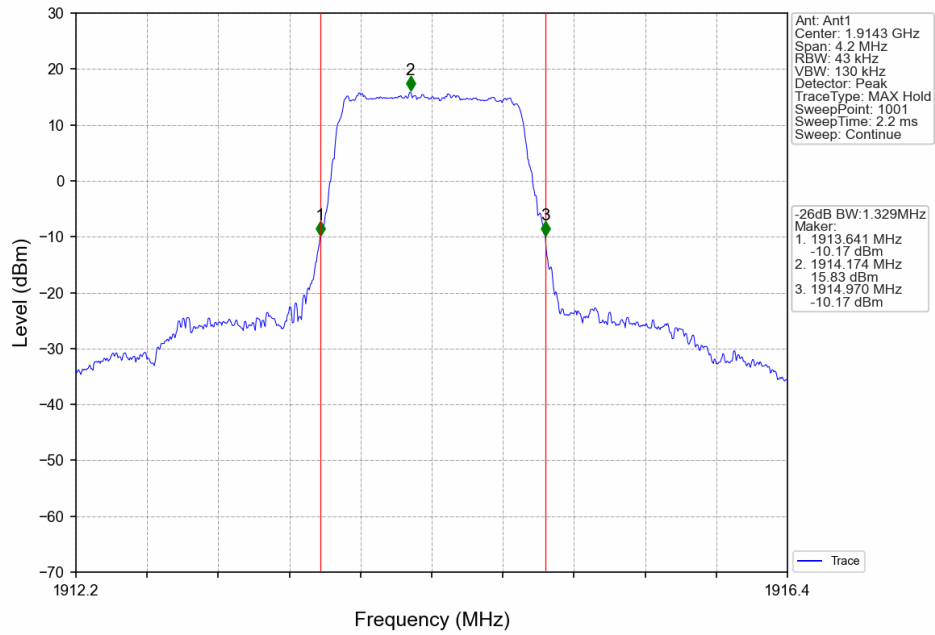
4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.326	Pass
		1882.5	6	0	1.318	Pass
		1914.3	6	0	1.329	Pass
	16QAM	1850.7	6	0	1.300	Pass
		1882.5	6	0	1.312	Pass
		1914.3	6	0	1.339	Pass
3	QPSK	1851.5	15	0	2.993	Pass
		1882.5	15	0	2.987	Pass
		1913.5	15	0	3.004	Pass
	16QAM	1851.5	15	0	2.969	Pass
		1882.5	15	0	3.001	Pass
		1913.5	15	0	3.014	Pass
5	QPSK	1852.5	25	0	5.261	Pass
		1882.5	25	0	5.212	Pass
		1912.5	25	0	5.202	Pass
	16QAM	1852.5	25	0	5.299	Pass
		1882.5	25	0	5.496	Pass
		1912.5	25	0	5.255	Pass
10	QPSK	1855	50	0	10.187	Pass
		1882.5	50	0	10.173	Pass
		1910	50	0	10.258	Pass
	16QAM	1855	50	0	10.244	Pass
		1882.5	50	0	10.174	Pass
		1910	50	0	10.161	Pass
15	QPSK	1857.5	75	0	17.679	Pass
		1882.5	75	0	15.155	Pass
		1907.5	75	0	15.444	Pass
	16QAM	1857.5	75	0	19.674	Pass
		1882.5	75	0	17.365	Pass
		1907.5	75	0	15.263	Pass
20	QPSK	1860	100	0	19.890	Pass
		1882.5	100	0	19.961	Pass
		1905	100	0	20.239	Pass
	16QAM	1860	100	0	19.980	Pass
		1882.5	100	0	21.800	Pass
		1905	100	0	20.057	Pass

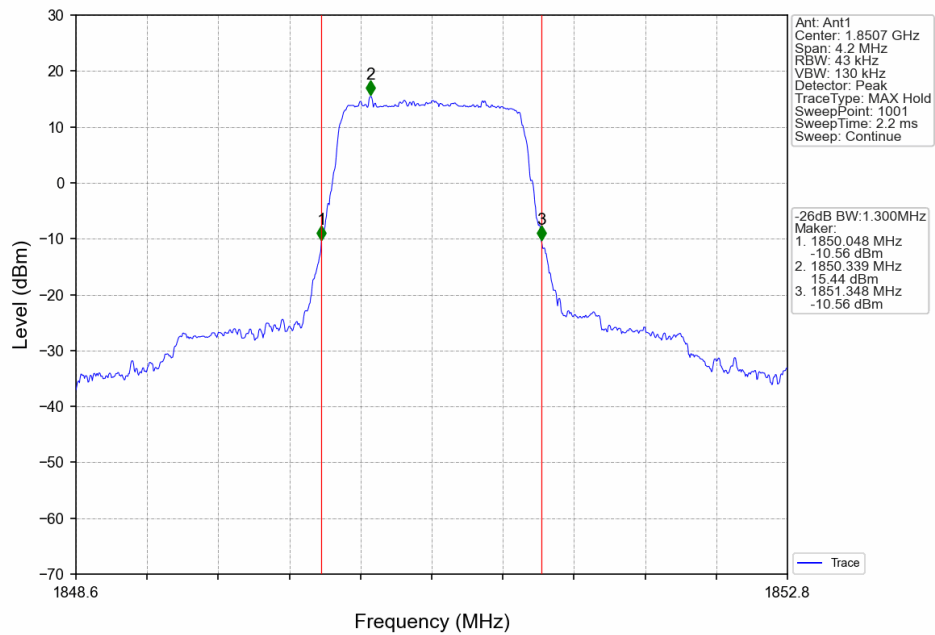
4.2.2 Test Graph



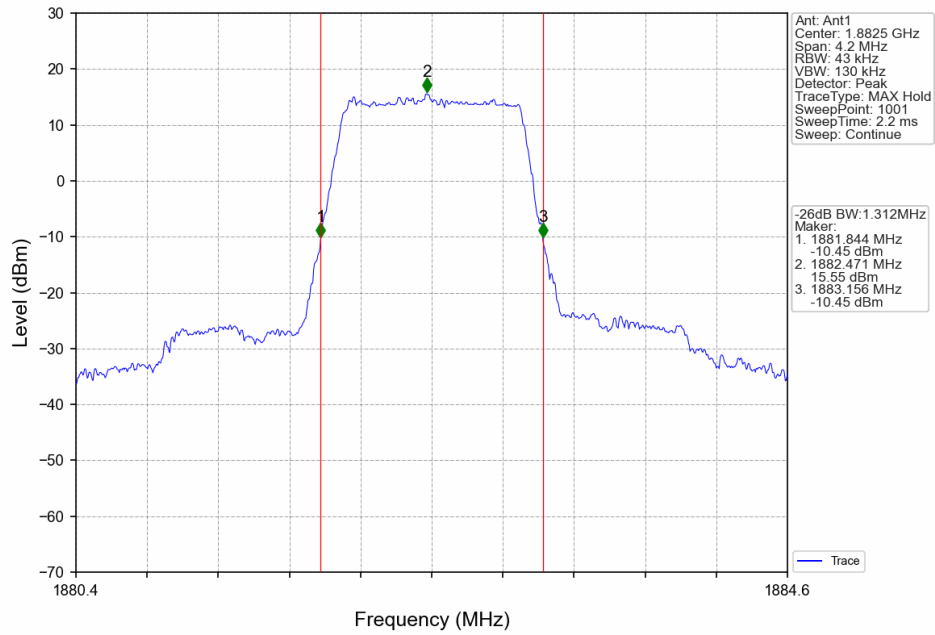
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



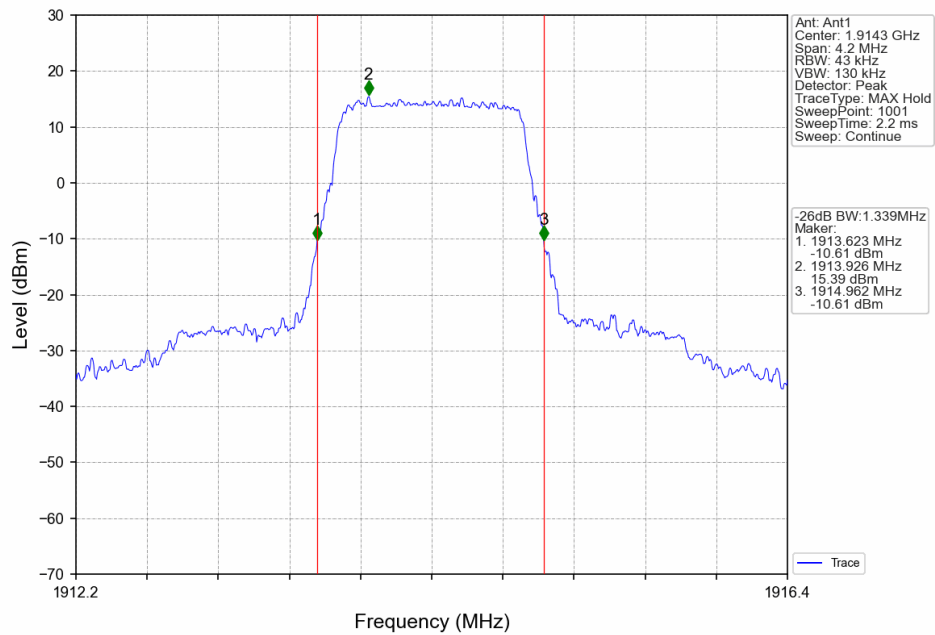
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



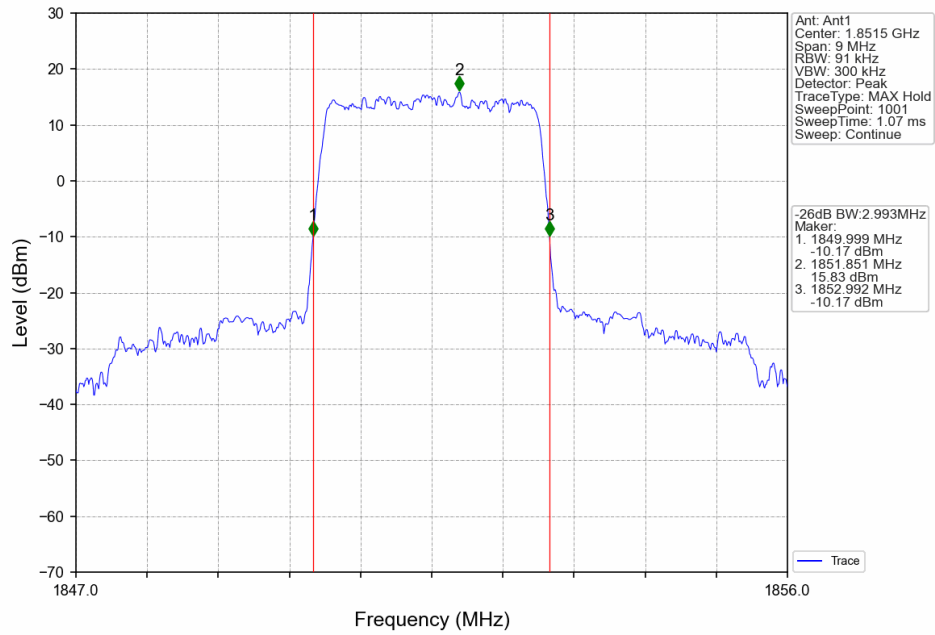
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



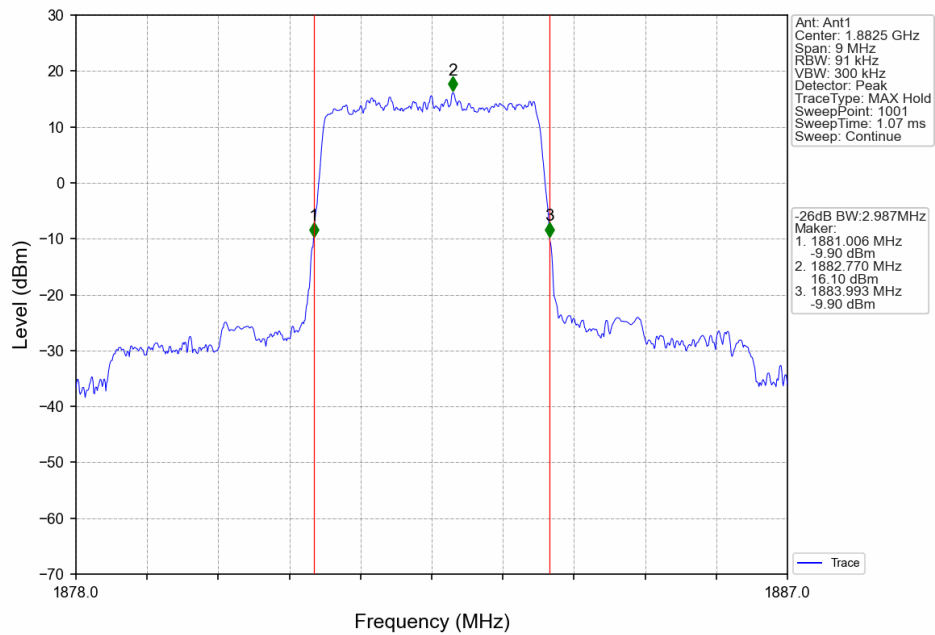
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



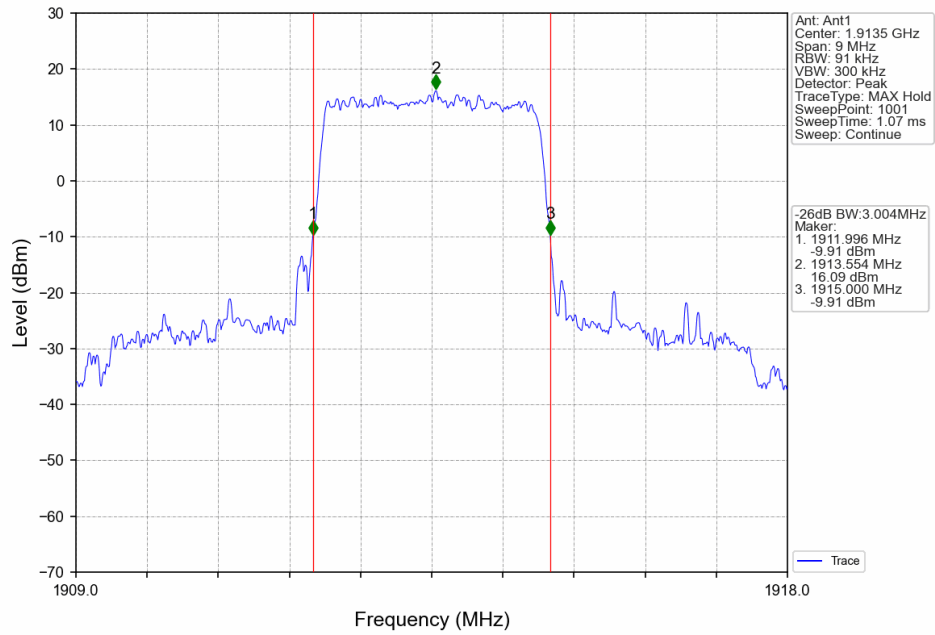
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



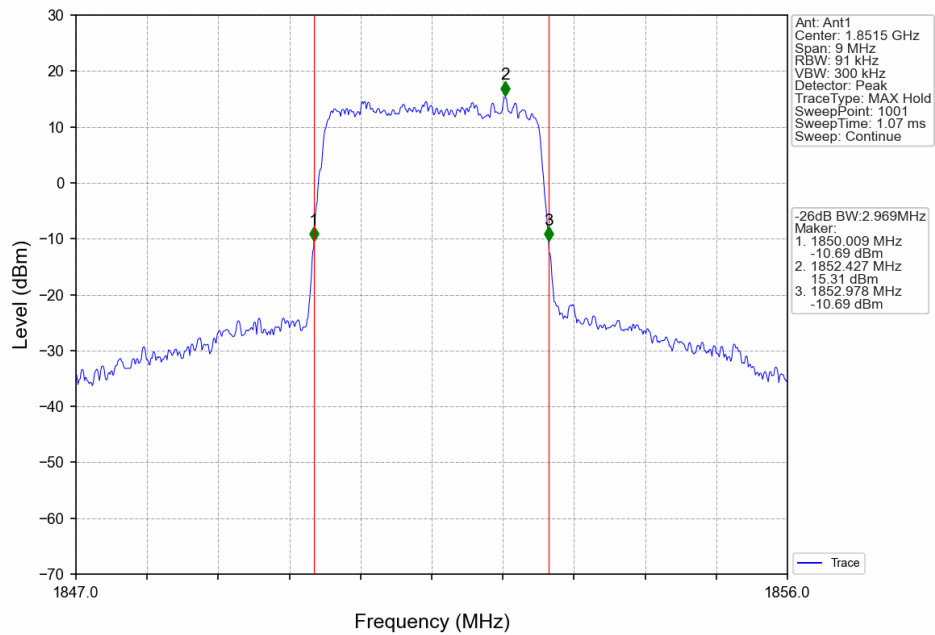
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



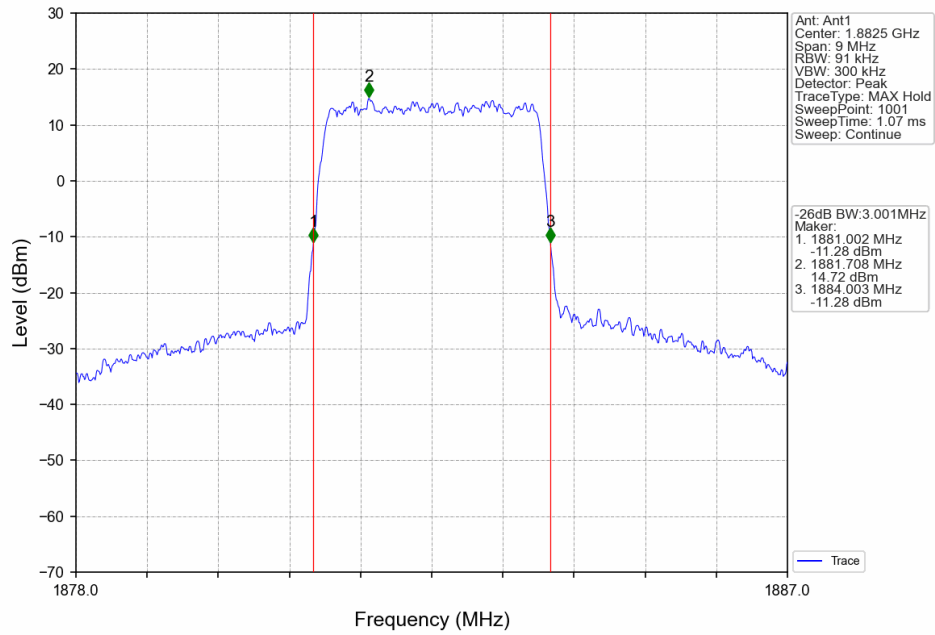
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



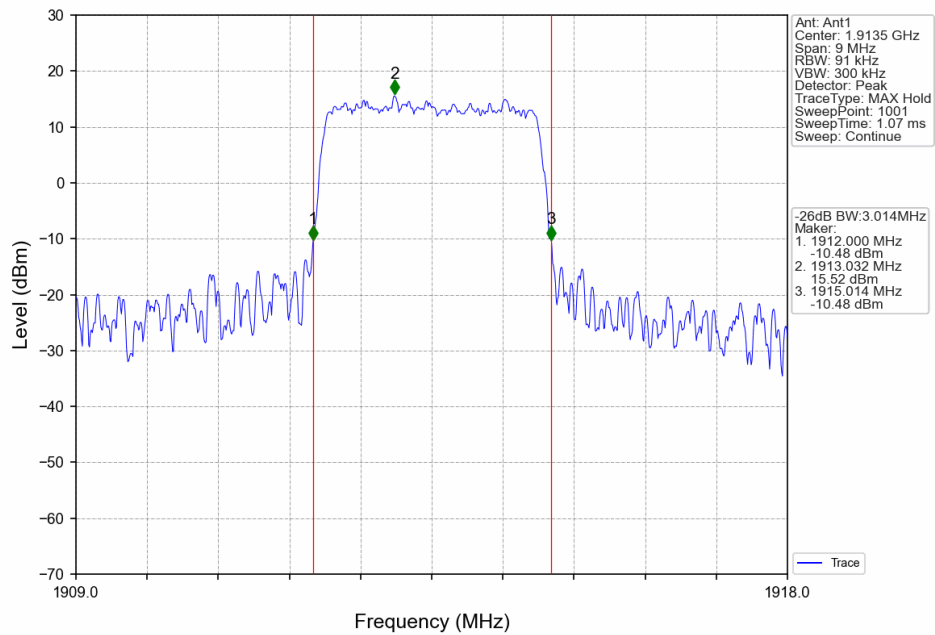
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



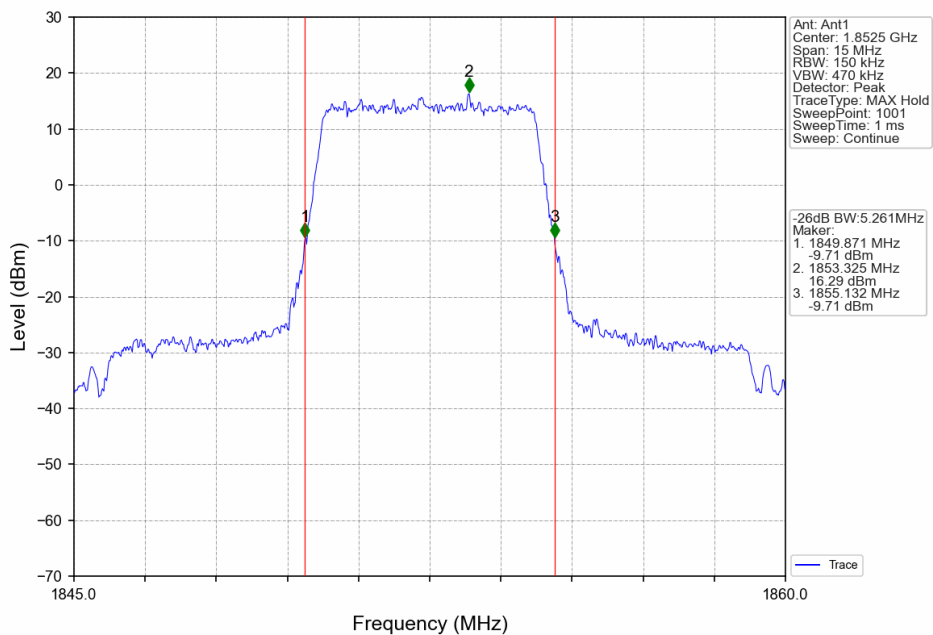
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



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

