

Appendix test data for LTE Band 25

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.19	1.60	24.79	<=33.01	Pass
			2	23.16	1.60	24.76	<=33.01	Pass
			5	23.14	1.60	24.74	<=33.01	Pass
		3	0	23.25	1.60	24.85	<=33.01	Pass
			2	23.27	1.60	24.87	<=33.01	Pass
			3	23.29	1.60	24.89	<=33.01	Pass
		6	0	22.21	1.60	23.81	<=33.01	Pass
	1882.5	1	0	22.61	1.60	24.21	<=33.01	Pass
			2	22.60	1.60	24.20	<=33.01	Pass
			5	22.56	1.60	24.16	<=33.01	Pass
		3	0	23.02	1.60	24.62	<=33.01	Pass
			2	23.00	1.60	24.60	<=33.01	Pass
			3	23.00	1.60	24.60	<=33.01	Pass
		6	0	22.05	1.60	23.65	<=33.01	Pass
	1914.3	1	0	22.53	1.60	24.13	<=33.01	Pass
			2	22.52	1.60	24.12	<=33.01	Pass
			5	22.53	1.60	24.13	<=33.01	Pass
		3	0	23.13	1.60	24.73	<=33.01	Pass
			2	23.16	1.60	24.76	<=33.01	Pass
			3	23.16	1.60	24.76	<=33.01	Pass
		6	0	22.11	1.60	23.71	<=33.01	Pass
16QAM	1850.7	1	0	21.86	1.60	23.46	<=33.01	Pass
			2	21.93	1.60	23.53	<=33.01	Pass
			5	21.88	1.60	23.48	<=33.01	Pass
		3	0	22.14	1.60	23.74	<=33.01	Pass
			2	22.15	1.60	23.75	<=33.01	Pass
			3	22.16	1.60	23.76	<=33.01	Pass
		6	0	21.13	1.60	22.73	<=33.01	Pass
	1882.5	1	0	21.46	1.60	23.06	<=33.01	Pass
			2	21.47	1.60	23.07	<=33.01	Pass
			5	21.40	1.60	23.00	<=33.01	Pass
		3	0	21.90	1.60	23.50	<=33.01	Pass
			2	21.87	1.60	23.47	<=33.01	Pass
			3	21.87	1.60	23.47	<=33.01	Pass
		6	0	21.04	1.60	22.64	<=33.01	Pass
	1914.3	1	0	21.72	1.60	23.32	<=33.01	Pass
			2	21.79	1.60	23.39	<=33.01	Pass
			5	21.76	1.60	23.36	<=33.01	Pass
		3	0	22.07	1.60	23.67	<=33.01	Pass
			2	22.05	1.60	23.65	<=33.01	Pass
			3	22.03	1.60	23.63	<=33.01	Pass
		6	0	20.98	1.60	22.58	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	22.68	1.60	24.28	<=33.01	Pass
			7	22.75	1.60	24.35	<=33.01	Pass
			14	22.66	1.60	24.26	<=33.01	Pass
		8	0	22.22	1.60	23.82	<=33.01	Pass
			4	22.19	1.60	23.79	<=33.01	Pass
			7	22.20	1.60	23.80	<=33.01	Pass
		15	0	22.18	1.60	23.78	<=33.01	Pass
	1882.5	1	0	22.68	1.60	24.28	<=33.01	Pass
			7	22.66	1.60	24.26	<=33.01	Pass
			14	22.55	1.60	24.15	<=33.01	Pass
		8	0	22.09	1.60	23.69	<=33.01	Pass
			4	22.03	1.60	23.63	<=33.01	Pass
			7	22.05	1.60	23.65	<=33.01	Pass
		15	0	22.05	1.60	23.65	<=33.01	Pass
	1913.5	1	0	22.64	1.60	24.24	<=33.01	Pass
			7	22.72	1.60	24.32	<=33.01	Pass
			14	22.65	1.60	24.25	<=33.01	Pass
		8	0	22.15	1.60	23.75	<=33.01	Pass
			4	22.13	1.60	23.73	<=33.01	Pass
			7	22.08	1.60	23.68	<=33.01	Pass
		15	0	22.17	1.60	23.77	<=33.01	Pass
16QAM	1851.5	1	0	21.91	1.60	23.51	<=33.01	Pass
			7	21.93	1.60	23.53	<=33.01	Pass
			14	21.83	1.60	23.43	<=33.01	Pass
		8	0	21.25	1.60	22.85	<=33.01	Pass
			4	21.24	1.60	22.84	<=33.01	Pass
			7	21.24	1.60	22.84	<=33.01	Pass
		15	0	21.09	1.60	22.69	<=33.01	Pass
	1882.5	1	0	21.49	1.60	23.09	<=33.01	Pass
			7	21.50	1.60	23.10	<=33.01	Pass
			14	21.47	1.60	23.07	<=33.01	Pass
		8	0	21.10	1.60	22.70	<=33.01	Pass
			4	21.11	1.60	22.71	<=33.01	Pass
			7	21.07	1.60	22.67	<=33.01	Pass
		15	0	20.98	1.60	22.58	<=33.01	Pass
	1913.5	1	0	21.82	1.60	23.42	<=33.01	Pass
			7	21.84	1.60	23.44	<=33.01	Pass
			14	21.81	1.60	23.41	<=33.01	Pass
		8	0	21.26	1.60	22.86	<=33.01	Pass
			4	21.23	1.60	22.83	<=33.01	Pass
			7	21.18	1.60	22.78	<=33.01	Pass
		15	0	21.16	1.60	22.76	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	22.80	1.60	24.40	<=33.01	Pass
			13	22.80	1.60	24.40	<=33.01	Pass
			24	22.82	1.60	24.42	<=33.01	Pass
		12	0	22.21	1.60	23.81	<=33.01	Pass
			6	22.24	1.60	23.84	<=33.01	Pass

		25	13	22.21	1.60	23.81	<=33.01	Pass
			0	22.23	1.60	23.83	<=33.01	Pass
	1882.5	1	0	22.77	1.60	24.37	<=33.01	Pass
			13	22.74	1.60	24.34	<=33.01	Pass
			24	22.69	1.60	24.29	<=33.01	Pass
		12	0	22.11	1.60	23.71	<=33.01	Pass
			6	22.10	1.60	23.70	<=33.01	Pass
			13	22.06	1.60	23.66	<=33.01	Pass
		25	0	22.12	1.60	23.72	<=33.01	Pass
	1912.5	1	0	22.77	1.60	24.37	<=33.01	Pass
			13	22.81	1.60	24.41	<=33.01	Pass
			24	22.81	1.60	24.41	<=33.01	Pass
		12	0	22.20	1.60	23.80	<=33.01	Pass
			6	22.18	1.60	23.78	<=33.01	Pass
			13	22.00	1.60	23.60	<=33.01	Pass
		25	0	22.14	1.60	23.74	<=33.01	Pass
16QAM	1852.5	1	0	21.94	1.60	23.54	<=33.01	Pass
			13	21.93	1.60	23.53	<=33.01	Pass
			24	21.98	1.60	23.58	<=33.01	Pass
		12	0	21.21	1.60	22.81	<=33.01	Pass
			6	21.27	1.60	22.87	<=33.01	Pass
			13	21.25	1.60	22.85	<=33.01	Pass
		25	0	21.21	1.60	22.81	<=33.01	Pass
	1882.5	1	0	21.83	1.60	23.43	<=33.01	Pass
			13	21.78	1.60	23.38	<=33.01	Pass
			24	21.76	1.60	23.36	<=33.01	Pass
		12	0	21.15	1.60	22.75	<=33.01	Pass
			6	21.10	1.60	22.70	<=33.01	Pass
			13	21.10	1.60	22.70	<=33.01	Pass
		25	0	21.17	1.60	22.77	<=33.01	Pass
	1912.5	1	0	21.67	1.60	23.27	<=33.01	Pass
			13	21.66	1.60	23.26	<=33.01	Pass
			24	21.68	1.60	23.28	<=33.01	Pass
		12	0	21.26	1.60	22.86	<=33.01	Pass
			6	21.18	1.60	22.78	<=33.01	Pass
			13	20.97	1.60	22.57	<=33.01	Pass
		25	0	21.20	1.60	22.80	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B25_10MHz_EIRP

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	22.70	1.60	24.30	<=33.01	Pass
			25	22.77	1.60	24.37	<=33.01	Pass
			49	22.73	1.60	24.33	<=33.01	Pass
		25	0	22.22	1.60	23.82	<=33.01	Pass
			13	22.23	1.60	23.83	<=33.01	Pass
			25	22.26	1.60	23.86	<=33.01	Pass
		50	0	22.23	1.60	23.83	<=33.01	Pass
	1882.5	1	0	22.66	1.60	24.26	<=33.01	Pass
			25	22.70	1.60	24.30	<=33.01	Pass
			49	22.60	1.60	24.20	<=33.01	Pass
		25	0	22.06	1.60	23.66	<=33.01	Pass
			13	22.12	1.60	23.72	<=33.01	Pass
			25	22.15	1.60	23.75	<=33.01	Pass
		50	0	22.14	1.60	23.74	<=33.01	Pass

	1910	1	0	22.53	1.60	24.13	<=33.01	Pass		
			25	22.68	1.60	24.28	<=33.01	Pass		
			49	22.68	1.60	24.28	<=33.01	Pass		
		25	0	22.02	1.60	23.62	<=33.01	Pass		
			13	22.13	1.60	23.73	<=33.01	Pass		
			25	21.93	1.60	23.53	<=33.01	Pass		
		50	0	22.01	1.60	23.61	<=33.01	Pass		
		16QAM	1855	1	0	21.90	1.60	23.50	<=33.01	Pass
					25	21.96	1.60	23.56	<=33.01	Pass
49	21.89				1.60	23.49	<=33.01	Pass		
25	0			21.23	1.60	22.83	<=33.01	Pass		
	13			21.26	1.60	22.86	<=33.01	Pass		
	25			21.30	1.60	22.90	<=33.01	Pass		
50	0			21.22	1.60	22.82	<=33.01	Pass		
1882.5	1			0	21.49	1.60	23.09	<=33.01	Pass	
				25	21.52	1.60	23.12	<=33.01	Pass	
		49	21.43	1.60	23.03	<=33.01	Pass			
	25	0	21.05	1.60	22.65	<=33.01	Pass			
		13	21.17	1.60	22.77	<=33.01	Pass			
		25	21.16	1.60	22.76	<=33.01	Pass			
	50	0	21.08	1.60	22.68	<=33.01	Pass			
	1910	1	0	21.69	1.60	23.29	<=33.01	Pass		
			25	21.84	1.60	23.44	<=33.01	Pass		
49			21.83	1.60	23.43	<=33.01	Pass			
25		0	21.01	1.60	22.61	<=33.01	Pass			
		13	21.14	1.60	22.74	<=33.01	Pass			
		25	20.93	1.60	22.53	<=33.01	Pass			
50		0	20.96	1.60	22.56	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	22.62	1.60	24.22	<=33.01	Pass
			38	22.73	1.60	24.33	<=33.01	Pass
			74	22.66	1.60	24.26	<=33.01	Pass
		36	0	22.24	1.60	23.84	<=33.01	Pass
			18	22.26	1.60	23.86	<=33.01	Pass
			39	22.22	1.60	23.82	<=33.01	Pass
		75	0	22.26	1.60	23.86	<=33.01	Pass
	1882.5	1	0	22.60	1.60	24.20	<=33.01	Pass
			38	22.68	1.60	24.28	<=33.01	Pass
			74	22.54	1.60	24.14	<=33.01	Pass
		36	0	22.09	1.60	23.69	<=33.01	Pass
			18	22.10	1.60	23.70	<=33.01	Pass
			39	21.99	1.60	23.59	<=33.01	Pass
		75	0	22.12	1.60	23.72	<=33.01	Pass
	1907.5	1	0	22.48	1.60	24.08	<=33.01	Pass
			38	22.65	1.60	24.25	<=33.01	Pass
			74	22.64	1.60	24.24	<=33.01	Pass
		36	0	22.04	1.60	23.64	<=33.01	Pass
			18	22.11	1.60	23.71	<=33.01	Pass
			39	22.01	1.60	23.61	<=33.01	Pass
		75	0	22.02	1.60	23.62	<=33.01	Pass
16QAM	1857.5	1	0	21.92	1.60	23.52	<=33.01	Pass
			38	21.97	1.60	23.57	<=33.01	Pass

			74	21.96	1.60	23.56	<=33.01	Pass
		36	0	21.28	1.60	22.88	<=33.01	Pass
			18	21.30	1.60	22.90	<=33.01	Pass
			39	21.28	1.60	22.88	<=33.01	Pass
		75	0	21.24	1.60	22.84	<=33.01	Pass
	1882.5	1	0	21.49	1.60	23.09	<=33.01	Pass
			38	21.52	1.60	23.12	<=33.01	Pass
			74	21.33	1.60	22.93	<=33.01	Pass
		36	0	21.00	1.60	22.60	<=33.01	Pass
			18	21.02	1.60	22.62	<=33.01	Pass
			39	20.97	1.60	22.57	<=33.01	Pass
		75	0	21.08	1.60	22.68	<=33.01	Pass
	1907.5	1	0	21.67	1.60	23.27	<=33.01	Pass
			38	21.81	1.60	23.41	<=33.01	Pass
			74	21.81	1.60	23.41	<=33.01	Pass
		36	0	21.01	1.60	22.61	<=33.01	Pass
			18	21.10	1.60	22.70	<=33.01	Pass
			39	21.02	1.60	22.62	<=33.01	Pass
		75	0	20.98	1.60	22.58	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	22.65	1.60	24.25	<=33.01	Pass
			50	22.79	1.60	24.39	<=33.01	Pass
			99	22.73	1.60	24.33	<=33.01	Pass
		50	0	22.22	1.60	23.82	<=33.01	Pass
			25	22.29	1.60	23.89	<=33.01	Pass
			50	22.23	1.60	23.83	<=33.01	Pass
		100	0	22.23	1.60	23.83	<=33.01	Pass
	1882.5	1	0	22.51	1.60	24.11	<=33.01	Pass
			50	22.57	1.60	24.17	<=33.01	Pass
			99	22.39	1.60	23.99	<=33.01	Pass
		50	0	22.09	1.60	23.69	<=33.01	Pass
			25	22.15	1.60	23.75	<=33.01	Pass
			50	22.09	1.60	23.69	<=33.01	Pass
		100	0	22.08	1.60	23.68	<=33.01	Pass
	1905	1	0	22.48	1.60	24.08	<=33.01	Pass
			50	22.70	1.60	24.30	<=33.01	Pass
			99	22.72	1.60	24.32	<=33.01	Pass
		50	0	22.13	1.60	23.73	<=33.01	Pass
			25	22.18	1.60	23.78	<=33.01	Pass
			50	22.11	1.60	23.71	<=33.01	Pass
		100	0	22.13	1.60	23.73	<=33.01	Pass
16QAM	1860	1	0	21.80	1.60	23.40	<=33.01	Pass
			50	21.92	1.60	23.52	<=33.01	Pass
			99	21.86	1.60	23.46	<=33.01	Pass
		50	0	21.20	1.60	22.80	<=33.01	Pass
			25	21.27	1.60	22.87	<=33.01	Pass
			50	21.23	1.60	22.83	<=33.01	Pass
		100	0	21.18	1.60	22.78	<=33.01	Pass
	1882.5	1	0	21.61	1.60	23.21	<=33.01	Pass
			50	21.71	1.60	23.31	<=33.01	Pass
			99	21.50	1.60	23.10	<=33.01	Pass
		50	0	21.11	1.60	22.71	<=33.01	Pass



		100	25	21.17	1.60	22.77	<=33.01	Pass
			50	21.12	1.60	22.72	<=33.01	Pass
			0	21.07	1.60	22.67	<=33.01	Pass
	1905	1	0	21.62	1.60	23.22	<=33.01	Pass
			50	21.80	1.60	23.40	<=33.01	Pass
			99	21.74	1.60	23.34	<=33.01	Pass
		50	0	21.10	1.60	22.70	<=33.01	Pass
			25	21.15	1.60	22.75	<=33.01	Pass
			50	21.10	1.60	22.70	<=33.01	Pass
		100	0	21.11	1.60	22.71	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	11.144	0.0060	-2.5 to 2.5	Pass
					3.85	1.230	0.0007	-2.5 to 2.5	Pass
					4.43	3.662	0.0020	-2.5 to 2.5	Pass
				-30	3.85	8.426	0.0046	-2.5 to 2.5	Pass
				-20	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.85	9.041	0.0049	-2.5 to 2.5	Pass
				0	3.85	7.167	0.0039	-2.5 to 2.5	Pass
				10	3.85	5.136	0.0028	-2.5 to 2.5	Pass
				30	3.85	11.816	0.0064	-2.5 to 2.5	Pass
				40	3.85	9.499	0.0051	-2.5 to 2.5	Pass
				50	3.85	11.015	0.0060	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-5.879	-0.0031	-2.5 to 2.5	Pass
					3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
					4.43	-1.645	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				-10	3.85	3.333	0.0018	-2.5 to 2.5	Pass
				0	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				10	3.85	7.081	0.0038	-2.5 to 2.5	Pass
				30	3.85	6.380	0.0034	-2.5 to 2.5	Pass
				40	3.85	4.992	0.0027	-2.5 to 2.5	Pass
				50	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-3.920	-0.0020	-2.5 to 2.5	Pass
					3.85	7.167	0.0037	-2.5 to 2.5	Pass
					4.43	3.519	0.0018	-2.5 to 2.5	Pass
				-30	3.85	5.479	0.0029	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	8.969	0.0047	-2.5 to 2.5	Pass
				0	3.85	4.992	0.0026	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0027	-2.5 to 2.5	Pass
				30	3.85	5.379	0.0028	-2.5 to 2.5	Pass
				40	3.85	8.783	0.0046	-2.5 to 2.5	Pass
				50	3.85	8.698	0.0045	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	3.27	2.732	0.0015	-2.5 to 2.5	Pass
					3.85	4.592	0.0025	-2.5 to 2.5	Pass

					4.43	2.789	0.0015	-2.5 to 2.5	Pass
				-30	3.85	4.935	0.0027	-2.5 to 2.5	Pass
				-20	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				-10	3.85	7.310	0.0039	-2.5 to 2.5	Pass
				0	3.85	2.260	0.0012	-2.5 to 2.5	Pass
				10	3.85	15.249	0.0082	-2.5 to 2.5	Pass
				30	3.85	5.636	0.0030	-2.5 to 2.5	Pass
				40	3.85	11.158	0.0060	-2.5 to 2.5	Pass
				50	3.85	6.037	0.0033	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	-1.245	-0.0007	-2.5 to 2.5	Pass
					3.85	6.523	0.0035	-2.5 to 2.5	Pass
					4.43	8.154	0.0043	-2.5 to 2.5	Pass
				-30	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	6.123	0.0033	-2.5 to 2.5	Pass
				0	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				10	3.85	3.548	0.0019	-2.5 to 2.5	Pass
				30	3.85	1.416	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	1.745	0.0009	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	13.618	0.0071	-2.5 to 2.5	Pass
				-30	3.85	7.281	0.0038	-2.5 to 2.5	Pass
				-20	3.85	8.798	0.0046	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				0	3.85	8.469	0.0044	-2.5 to 2.5	Pass
				10	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass
				30	3.85	6.638	0.0035	-2.5 to 2.5	Pass
				40	3.85	10.457	0.0055	-2.5 to 2.5	Pass
				50	3.85	3.591	0.0019	-2.5 to 2.5	Pass

2.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-7.067	-0.0038	-2.5 to 2.5	Pass
					3.85	5.236	0.0028	-2.5 to 2.5	Pass
					4.43	-2.532	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	1.717	0.0009	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-3.304	-0.0018	-2.5 to 2.5	Pass
					3.85	-4.048	-0.0022	-2.5 to 2.5	Pass
					4.43	0.916	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.089	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-4.578	-0.0024	-2.5 to 2.5	Pass
				0	3.85	3.719	0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.420	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	5.708	0.0030	-2.5 to 2.5	Pass

	1913.5	15	0	50	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
				20	3.27	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	-5.965	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-1.230	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	2.346	0.0012	-2.5 to 2.5	Pass
				0	3.85	-4.635	-0.0024	-2.5 to 2.5	Pass
				10	3.85	3.605	0.0019	-2.5 to 2.5	Pass
				30	3.85	-5.708	-0.0030	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	40	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass
				50	3.85	0.844	0.0004	-2.5 to 2.5	Pass
				20	3.27	2.503	0.0014	-2.5 to 2.5	Pass
					3.85	2.217	0.0012	-2.5 to 2.5	Pass
					4.43	5.207	0.0028	-2.5 to 2.5	Pass
				-30	3.85	3.190	0.0017	-2.5 to 2.5	Pass
				-20	3.85	4.048	0.0022	-2.5 to 2.5	Pass
				-10	3.85	7.167	0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				10	3.85	1.788	0.0010	-2.5 to 2.5	Pass
	1882.5	15	0	30	3.85	3.948	0.0021	-2.5 to 2.5	Pass
				40	3.85	-2.804	-0.0015	-2.5 to 2.5	Pass
				50	3.85	5.922	0.0032	-2.5 to 2.5	Pass
				20	3.27	7.238	0.0038	-2.5 to 2.5	Pass
					3.85	1.788	0.0009	-2.5 to 2.5	Pass
					4.43	-5.322	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	0.772	0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.934	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-11.787	-0.0063	-2.5 to 2.5	Pass
				0	3.85	3.290	0.0017	-2.5 to 2.5	Pass
	1913.5	15	0	10	3.85	6.366	0.0034	-2.5 to 2.5	Pass
				30	3.85	0.486	0.0003	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				50	3.85	9.170	0.0049	-2.5 to 2.5	Pass
				20	3.27	-8.125	-0.0042	-2.5 to 2.5	Pass
					3.85	-3.533	-0.0018	-2.5 to 2.5	Pass
					4.43	-7.582	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-1.431	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	3.462	0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.990	0.0016	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				30	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0002	-2.5 to 2.5	Pass
				50	3.85	0.558	0.0003	-2.5 to 2.5	Pass

2.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-1.531	-0.0008	-2.5 to 2.5	Pass
					3.85	5.665	0.0031	-2.5 to 2.5	Pass
					4.43	4.420	0.0024	-2.5 to 2.5	Pass
				-30	3.85	2.675	0.0014	-2.5 to 2.5	Pass
				-20	3.85	6.495	0.0035	-2.5 to 2.5	Pass
				-10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass

				10	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.403	0.0013	-2.5 to 2.5	Pass
				40	3.85	-3.462	-0.0019	-2.5 to 2.5	Pass
				50	3.85	9.141	0.0049	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-1.516	-0.0008	-2.5 to 2.5	Pass
					3.85	3.419	0.0018	-2.5 to 2.5	Pass
					4.43	3.862	0.0021	-2.5 to 2.5	Pass
				-30	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	5.865	0.0031	-2.5 to 2.5	Pass
				0	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				10	3.85	6.080	0.0032	-2.5 to 2.5	Pass
				30	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				40	3.85	5.379	0.0029	-2.5 to 2.5	Pass
				50	3.85	1.144	0.0006	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-1.774	-0.0009	-2.5 to 2.5	Pass
					3.85	4.463	0.0023	-2.5 to 2.5	Pass
					4.43	1.330	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.492	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.924	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-4.907	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0016	-2.5 to 2.5	Pass
				10	3.85	2.961	0.0015	-2.5 to 2.5	Pass
				30	3.85	4.892	0.0026	-2.5 to 2.5	Pass
				40	3.85	-0.343	-0.0002	-2.5 to 2.5	Pass
				50	3.85	2.832	0.0015	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	2.489	0.0013	-2.5 to 2.5	Pass
					3.85	3.076	0.0017	-2.5 to 2.5	Pass
					4.43	3.691	0.0020	-2.5 to 2.5	Pass
				-30	3.85	2.975	0.0016	-2.5 to 2.5	Pass
				-20	3.85	6.466	0.0035	-2.5 to 2.5	Pass
				-10	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				10	3.85	4.878	0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.460	-0.0013	-2.5 to 2.5	Pass
				50	3.85	0.615	0.0003	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	6.309	0.0034	-2.5 to 2.5	Pass
					3.85	3.533	0.0019	-2.5 to 2.5	Pass
					4.43	0.873	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.515	0.0003	-2.5 to 2.5	Pass
				-20	3.85	9.570	0.0051	-2.5 to 2.5	Pass
				-10	3.85	9.027	0.0048	-2.5 to 2.5	Pass
				0	3.85	9.370	0.0050	-2.5 to 2.5	Pass
				10	3.85	7.925	0.0042	-2.5 to 2.5	Pass
				30	3.85	1.345	0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0003	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-5.822	-0.0030	-2.5 to 2.5	Pass
					3.85	5.436	0.0028	-2.5 to 2.5	Pass
					4.43	4.578	0.0024	-2.5 to 2.5	Pass
				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.903	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass
				10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				30	3.85	4.034	0.0021	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.290	-0.0017	-2.5 to 2.5	Pass

2.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	0.572	0.0003	-2.5 to 2.5	Pass
					3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
					4.43	2.675	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	2.275	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
				0	3.85	0.215	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				30	3.85	2.017	0.0011	-2.5 to 2.5	Pass
				40	3.85	1.717	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.031	0.0011	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	5.236	0.0028	-2.5 to 2.5	Pass
					3.85	4.678	0.0025	-2.5 to 2.5	Pass
					4.43	7.052	0.0037	-2.5 to 2.5	Pass
				-30	3.85	4.821	0.0026	-2.5 to 2.5	Pass
				-20	3.85	3.262	0.0017	-2.5 to 2.5	Pass
				-10	3.85	2.804	0.0015	-2.5 to 2.5	Pass
				0	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				10	3.85	2.503	0.0013	-2.5 to 2.5	Pass
				30	3.85	6.795	0.0036	-2.5 to 2.5	Pass
				40	3.85	4.048	0.0022	-2.5 to 2.5	Pass
				50	3.85	6.151	0.0033	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	1.502	0.0008	-2.5 to 2.5	Pass
					3.85	3.233	0.0017	-2.5 to 2.5	Pass
					4.43	5.679	0.0030	-2.5 to 2.5	Pass
				-30	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				-20	3.85	6.680	0.0035	-2.5 to 2.5	Pass
				-10	3.85	5.250	0.0027	-2.5 to 2.5	Pass
				0	3.85	8.111	0.0042	-2.5 to 2.5	Pass
				10	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.575	0.0013	-2.5 to 2.5	Pass
				40	3.85	6.666	0.0035	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-1.645	-0.0009	-2.5 to 2.5	Pass
					3.85	2.475	0.0013	-2.5 to 2.5	Pass
					4.43	1.130	0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.691	0.0020	-2.5 to 2.5	Pass
				-20	3.85	6.280	0.0034	-2.5 to 2.5	Pass
				-10	3.85	2.875	0.0015	-2.5 to 2.5	Pass
				0	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.445	0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.316	-0.0007	-2.5 to 2.5	Pass
				50	3.85	2.460	0.0013	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	5.164	0.0027	-2.5 to 2.5	Pass
					3.85	7.539	0.0040	-2.5 to 2.5	Pass
					4.43	4.992	0.0027	-2.5 to 2.5	Pass
				-30	3.85	4.191	0.0022	-2.5 to 2.5	Pass
				-20	3.85	5.651	0.0030	-2.5 to 2.5	Pass
				-10	3.85	5.836	0.0031	-2.5 to 2.5	Pass
				0	3.85	5.908	0.0031	-2.5 to 2.5	Pass
				10	3.85	1.645	0.0009	-2.5 to 2.5	Pass

	1910	50	0	30	3.85	4.420	0.0023	-2.5 to 2.5	Pass
				40	3.85	5.679	0.0030	-2.5 to 2.5	Pass
				50	3.85	9.341	0.0050	-2.5 to 2.5	Pass
				20	3.27	5.565	0.0029	-2.5 to 2.5	Pass
					3.85	5.980	0.0031	-2.5 to 2.5	Pass
					4.43	3.033	0.0016	-2.5 to 2.5	Pass
				-30	3.85	5.894	0.0031	-2.5 to 2.5	Pass
				-20	3.85	2.904	0.0015	-2.5 to 2.5	Pass
				-10	3.85	1.230	0.0006	-2.5 to 2.5	Pass
				0	3.85	8.597	0.0045	-2.5 to 2.5	Pass
				10	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.644	0.0003	-2.5 to 2.5	Pass
				50	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass

2.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	2.346	0.0013	-2.5 to 2.5	Pass
					3.85	1.302	0.0007	-2.5 to 2.5	Pass
					4.43	-0.687	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.203	0.0012	-2.5 to 2.5	Pass
				0	3.85	4.621	0.0025	-2.5 to 2.5	Pass
				10	3.85	1.945	0.0010	-2.5 to 2.5	Pass
				30	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				40	3.85	3.219	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	1.802	0.0010	-2.5 to 2.5	Pass
					3.85	1.602	0.0009	-2.5 to 2.5	Pass
					4.43	2.575	0.0014	-2.5 to 2.5	Pass
				-30	3.85	0.343	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-10	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				0	3.85	4.663	0.0025	-2.5 to 2.5	Pass
				10	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.459	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.160	0.0011	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	3.533	0.0019	-2.5 to 2.5	Pass
					3.85	3.262	0.0017	-2.5 to 2.5	Pass
					4.43	-0.730	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	4.520	0.0024	-2.5 to 2.5	Pass
				-20	3.85	3.576	0.0019	-2.5 to 2.5	Pass
				-10	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0012	-2.5 to 2.5	Pass
				30	3.85	3.591	0.0019	-2.5 to 2.5	Pass
				40	3.85	4.406	0.0023	-2.5 to 2.5	Pass
				50	3.85	4.706	0.0025	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	1.259	0.0007	-2.5 to 2.5	Pass
					3.85	0.501	0.0003	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.259	0.0007	-2.5 to 2.5	Pass

				-10	3.85	1.159	0.0006	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	3.476	0.0019	-2.5 to 2.5	Pass
				40	3.85	3.448	0.0019	-2.5 to 2.5	Pass
				50	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-0.057	0.0000	-2.5 to 2.5	Pass
					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.845	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	2.317	0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.974	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.160	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.330	0.0007	-2.5 to 2.5	Pass
				10	3.85	1.287	0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.602	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				50	3.85	2.575	0.0014	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	0.243	0.0001	-2.5 to 2.5	Pass
					3.85	4.120	0.0022	-2.5 to 2.5	Pass
					4.43	2.818	0.0015	-2.5 to 2.5	Pass
				-30	3.85	4.849	0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	1.245	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.787	0.0004	-2.5 to 2.5	Pass
				10	3.85	4.263	0.0022	-2.5 to 2.5	Pass
				30	3.85	4.492	0.0024	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0015	-2.5 to 2.5	Pass
				50	3.85	9.170	0.0048	-2.5 to 2.5	Pass

2.1.6 B25_20MHz

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-2.689	-0.0014	-2.5 to 2.5	Pass
					3.85	0.629	0.0003	-2.5 to 2.5	Pass
					4.43	1.345	0.0007	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0012	-2.5 to 2.5	Pass
				-20	3.85	1.974	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	3.462	0.0019	-2.5 to 2.5	Pass
				10	3.85	1.574	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.688	0.0009	-2.5 to 2.5	Pass
				50	3.85	0.157	0.0001	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	2.604	0.0014	-2.5 to 2.5	Pass
					3.85	0.143	0.0001	-2.5 to 2.5	Pass
					4.43	-0.687	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.973	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				0	3.85	2.546	0.0014	-2.5 to 2.5	Pass
				10	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-0.601	-0.0003	-2.5 to 2.5	Pass
					3.85	0.458	0.0002	-2.5 to 2.5	Pass

					4.43	1.431	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.030	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				0	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				10	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				30	3.85	1.473	0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				50	3.85	5.393	0.0028	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	3.090	0.0017	-2.5 to 2.5	Pass
					3.85	1.631	0.0009	-2.5 to 2.5	Pass
					4.43	3.920	0.0021	-2.5 to 2.5	Pass
				-30	3.85	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.987	-0.0005	-2.5 to 2.5	Pass
				0	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.061	-0.0016	-2.5 to 2.5	Pass
				50	3.85	1.373	0.0007	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	0.944	0.0005	-2.5 to 2.5	Pass
					3.85	2.146	0.0011	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	3.290	0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.502	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	1.144	0.0006	-2.5 to 2.5	Pass
					3.85	7.339	0.0039	-2.5 to 2.5	Pass
					4.43	5.565	0.0029	-2.5 to 2.5	Pass
				-30	3.85	8.140	0.0043	-2.5 to 2.5	Pass
				-20	3.85	4.005	0.0021	-2.5 to 2.5	Pass
				-10	3.85	6.008	0.0032	-2.5 to 2.5	Pass
				0	3.85	4.034	0.0021	-2.5 to 2.5	Pass
				10	3.85	9.170	0.0048	-2.5 to 2.5	Pass
				30	3.85	3.147	0.0017	-2.5 to 2.5	Pass
				40	3.85	3.533	0.0019	-2.5 to 2.5	Pass
				50	3.85	7.124	0.0037	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

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

3.1.2 B25_3MHz

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

3.1.3 B25_5MHz

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

3.1.4 B25_10MHz

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

3.1.5 B25_15MHz

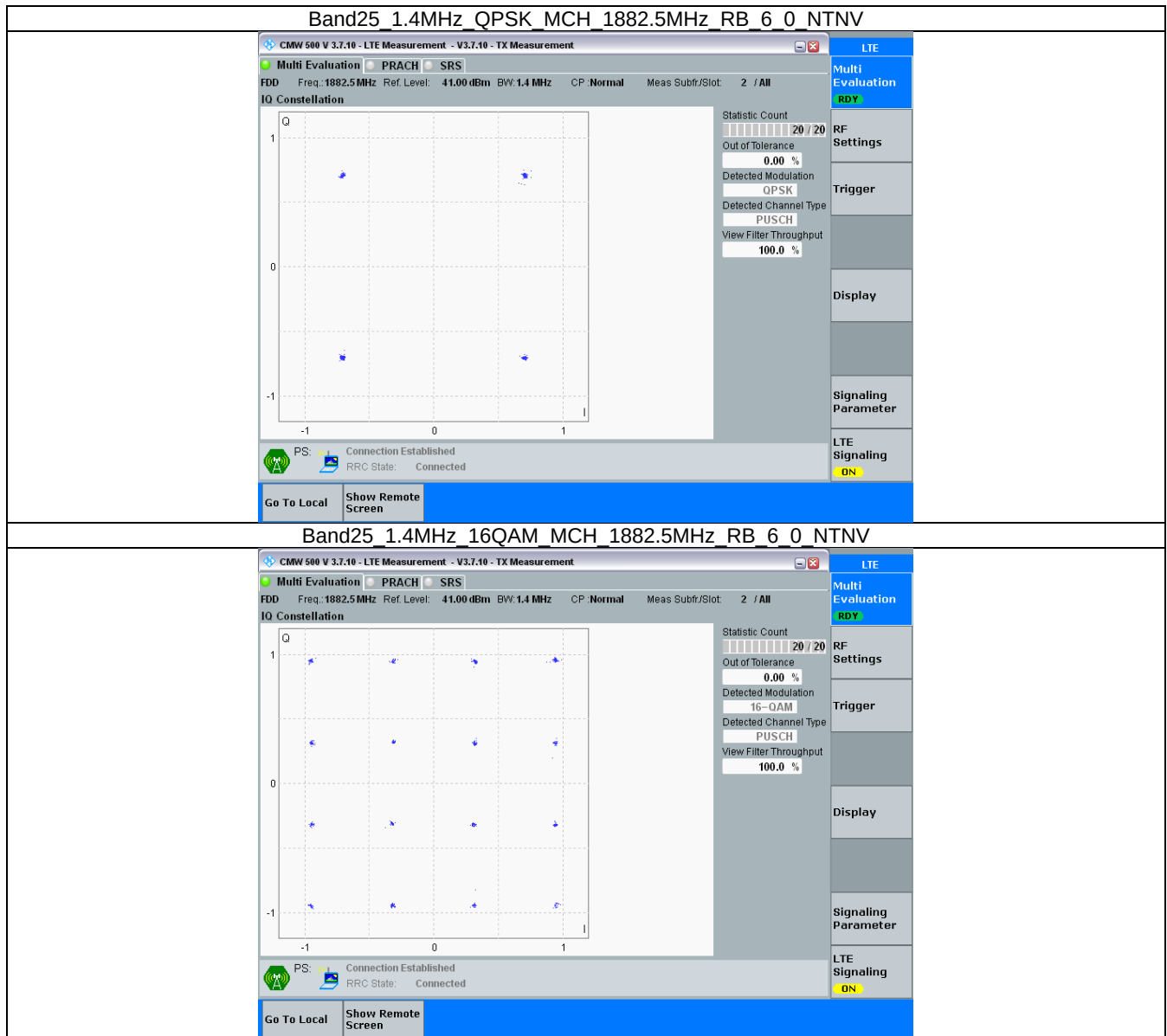
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

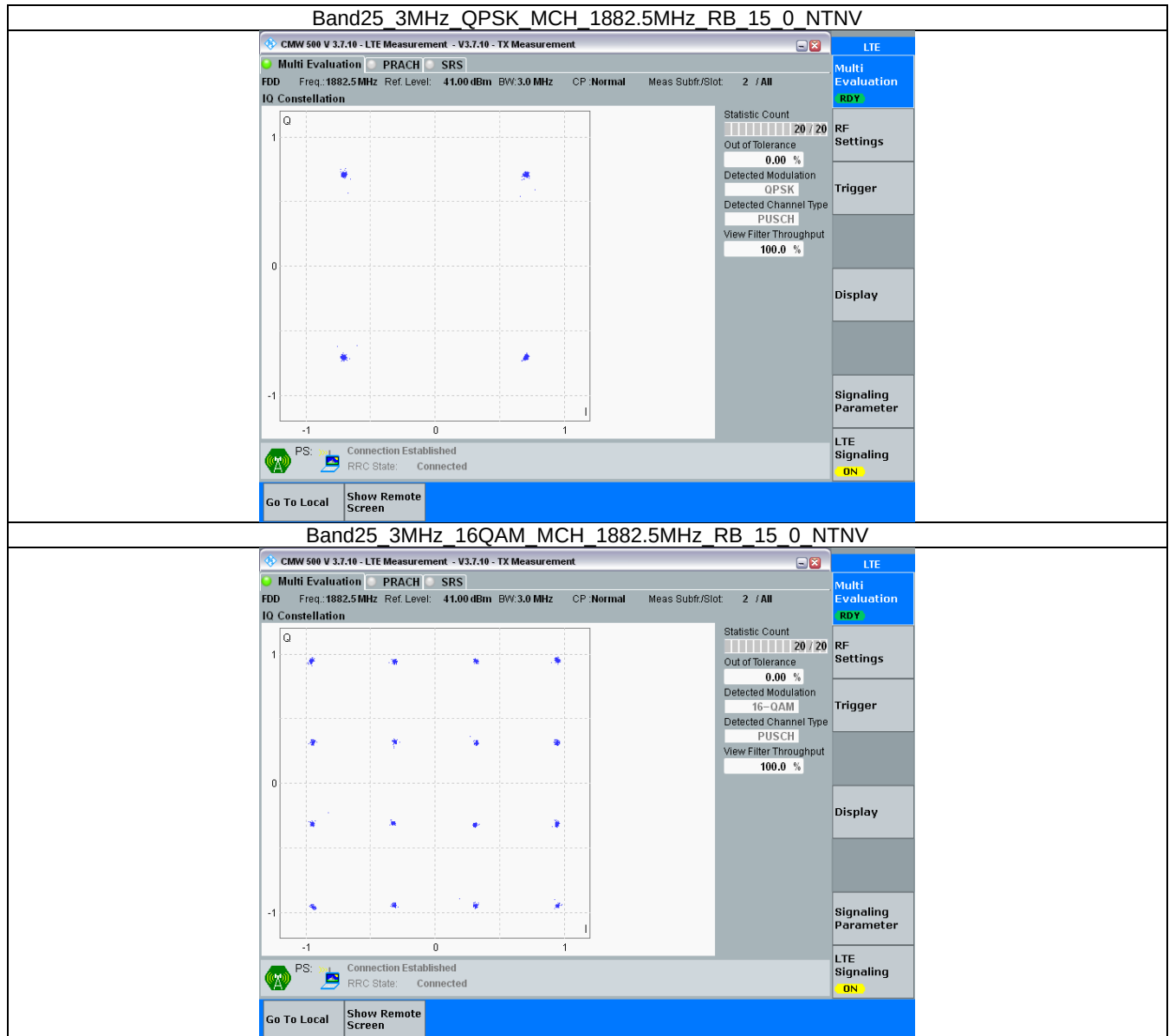
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

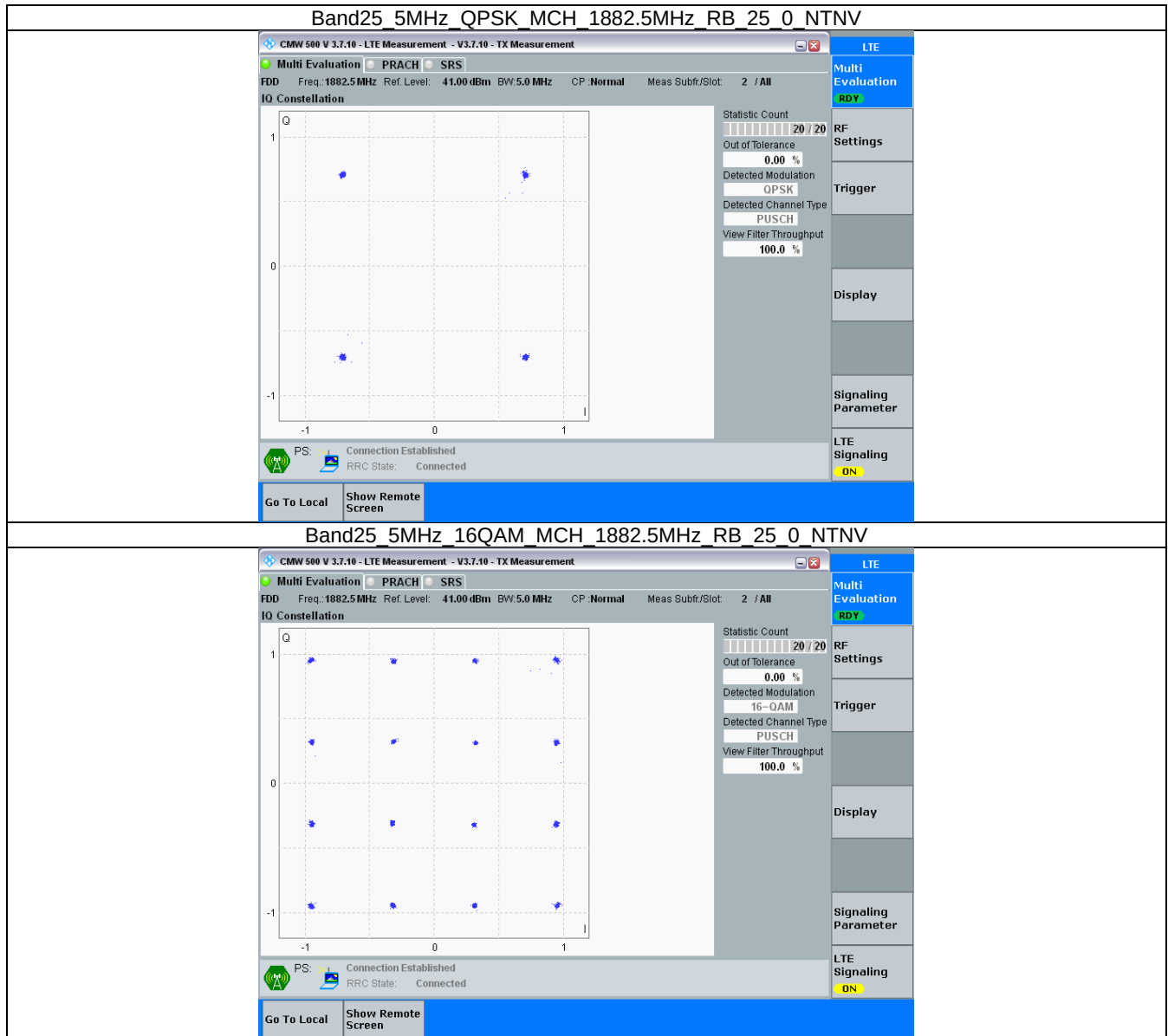
3.2.1 B25_1.4MHz



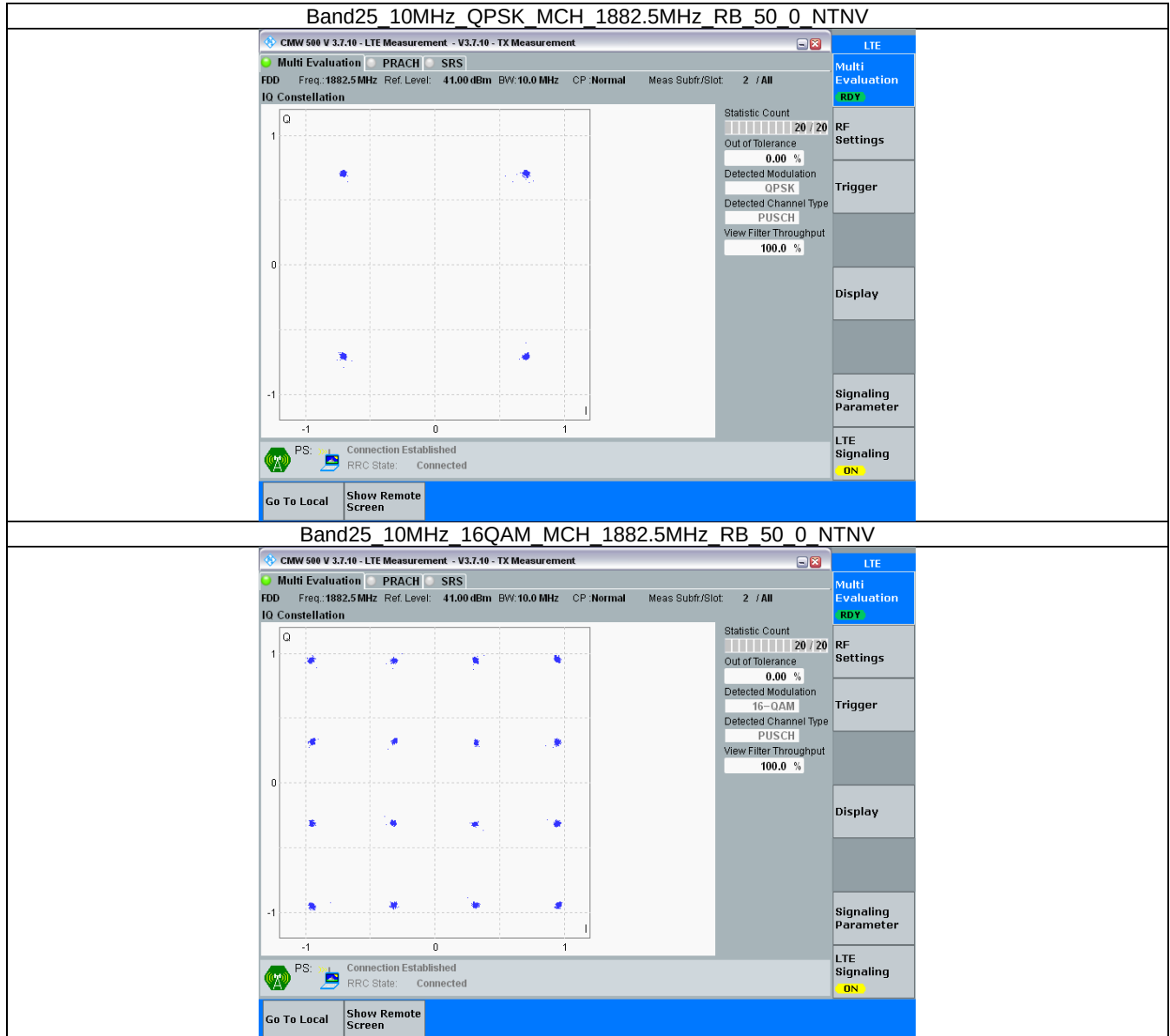
3.2.2 B25_3MHz



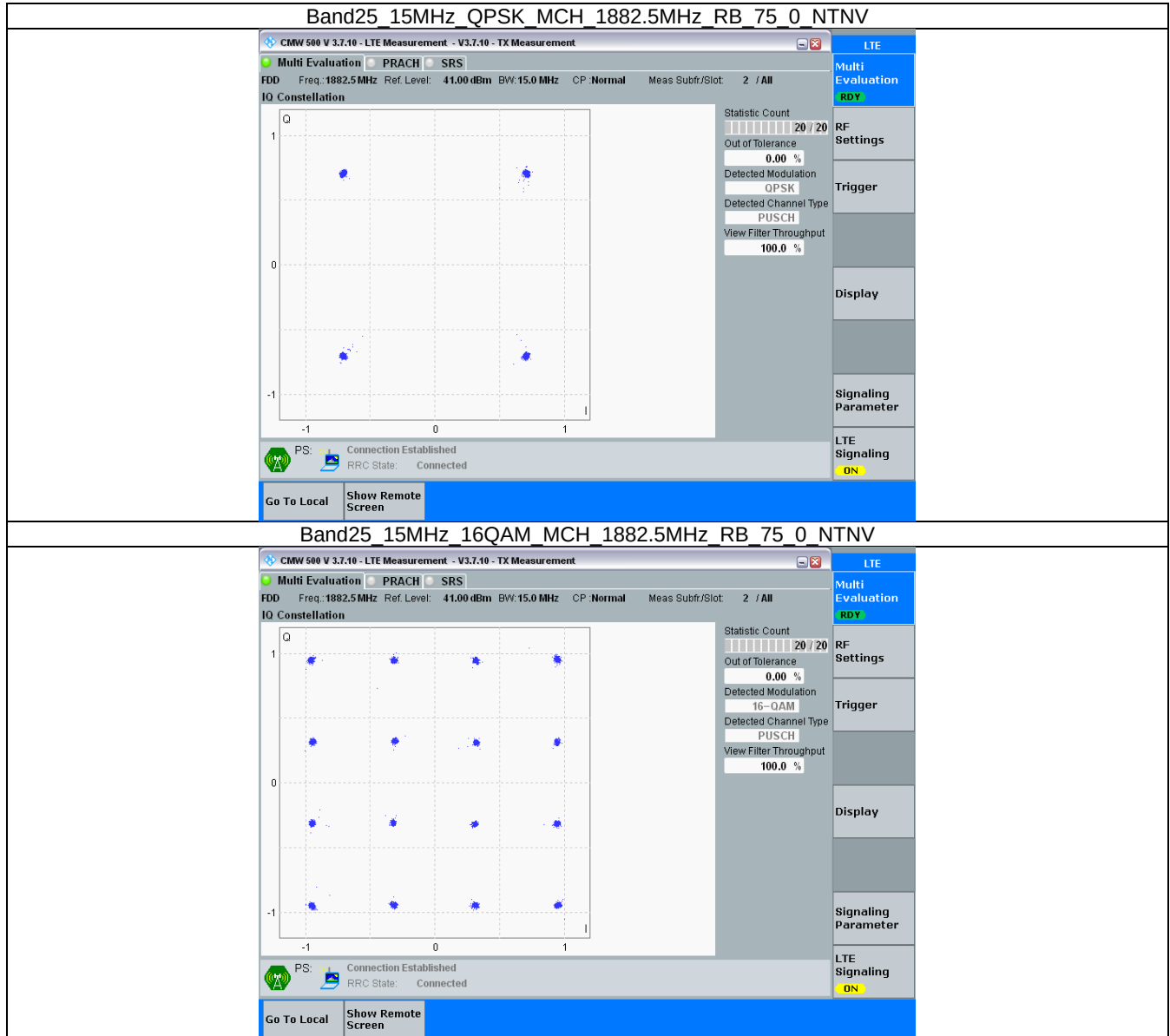
3.2.3 B25_5MHz



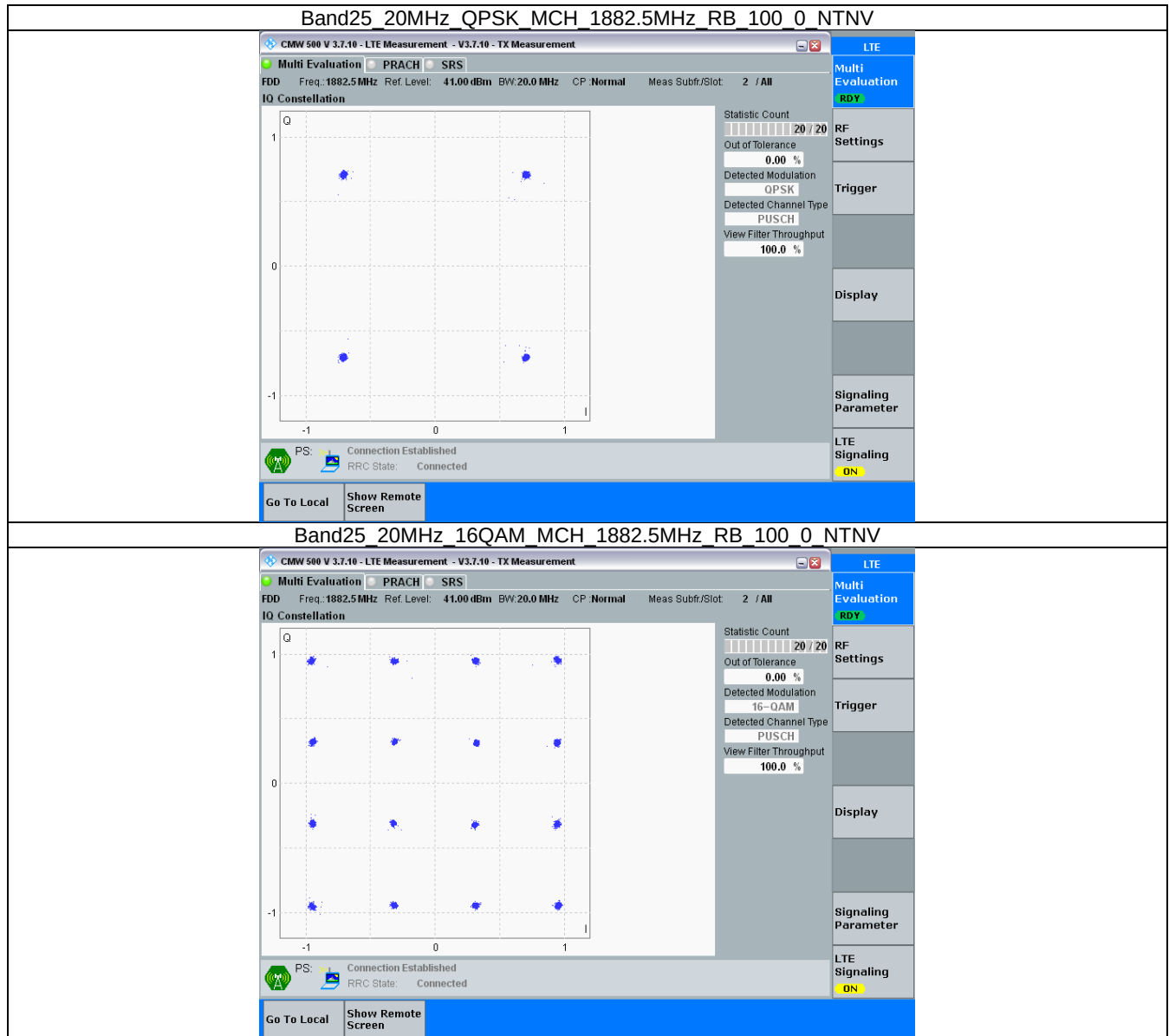
3.2.4 B25_10MHz



3.2.5 B25_15MHz



3.2.6 B25_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band25_OBW

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.113	/	Pass
		1882.5	6	0	1.119	/	Pass
		1914.3	6	0	1.107	/	Pass
	16QAM	1850.7	6	0	1.108	/	Pass
		1882.5	6	0	1.104	/	Pass
		1914.3	6	0	1.117	/	Pass
3	QPSK	1851.5	15	0	2.734	/	Pass
		1882.5	15	0	2.735	/	Pass
		1913.5	15	0	2.733	/	Pass
	16QAM	1851.5	15	0	2.718	/	Pass
		1882.5	15	0	2.735	/	Pass
		1913.5	15	0	2.729	/	Pass
5	QPSK	1852.5	25	0	4.544	/	Pass
		1882.5	25	0	4.548	/	Pass
		1912.5	25	0	4.550	/	Pass
	16QAM	1852.5	25	0	4.534	/	Pass
		1882.5	25	0	4.548	/	Pass
		1912.5	25	0	4.524	/	Pass
10	QPSK	1855	50	0	9.058	/	Pass
		1882.5	50	0	9.021	/	Pass
		1910	50	0	9.006	/	Pass
	16QAM	1855	50	0	9.056	/	Pass
		1882.5	50	0	9.043	/	Pass
		1910	50	0	8.990	/	Pass
15	QPSK	1857.5	75	0	13.592	/	Pass
		1882.5	75	0	13.557	/	Pass
		1907.5	75	0	13.519	/	Pass
	16QAM	1857.5	75	0	13.559	/	Pass
		1882.5	75	0	13.543	/	Pass
		1907.5	75	0	13.532	/	Pass
20	QPSK	1860	100	0	18.088	/	Pass
		1882.5	100	0	18.038	/	Pass
		1905	100	0	18.040	/	Pass
	16QAM	1860	100	0	18.066	/	Pass
		1882.5	100	0	18.053	/	Pass
		1905	100	0	18.091	/	Pass

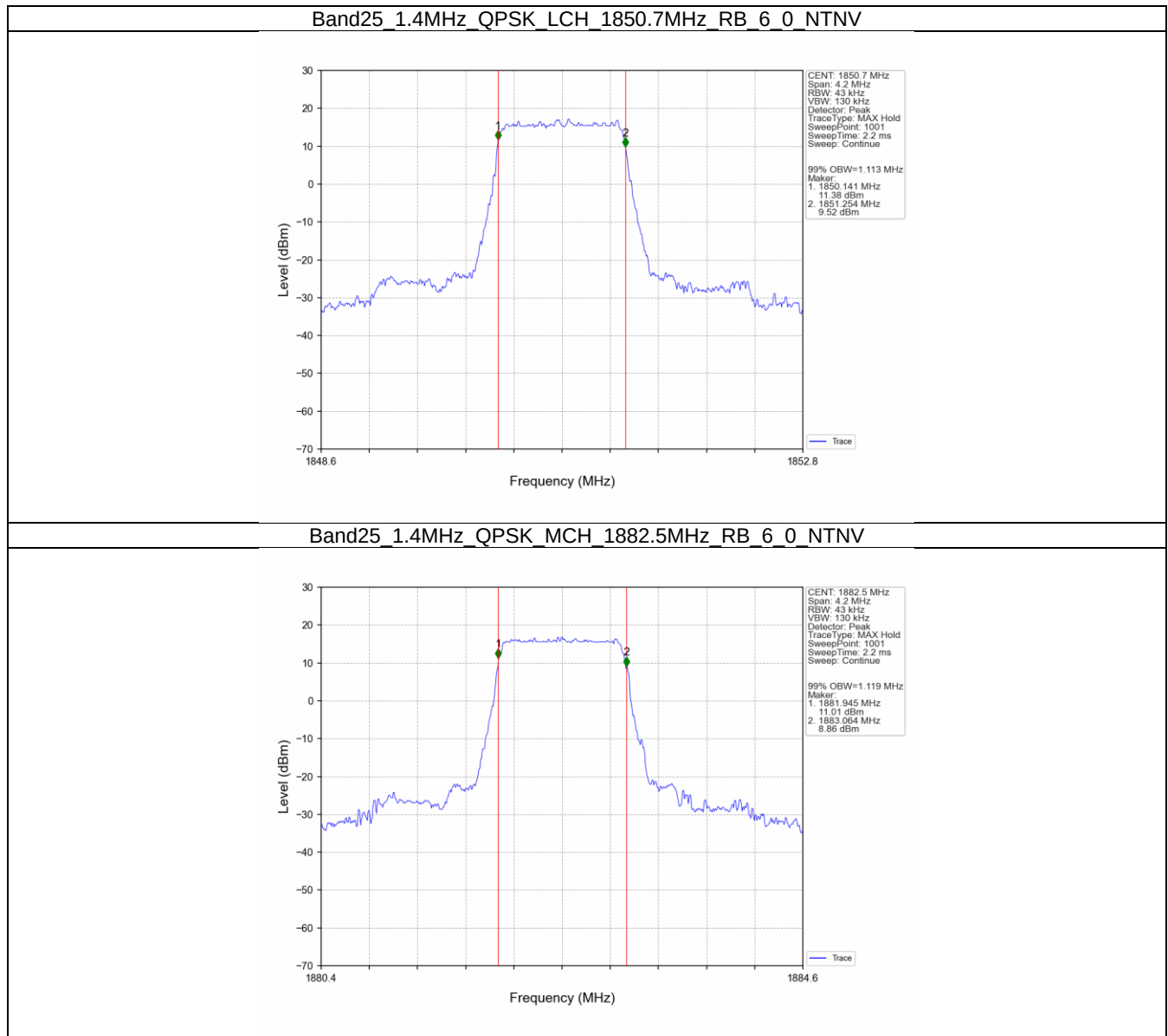
4.1.2 Band25_XDB

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.307	/	Pass
		1882.5	6	0	1.319	/	Pass
		1914.3	6	0	1.331	/	Pass

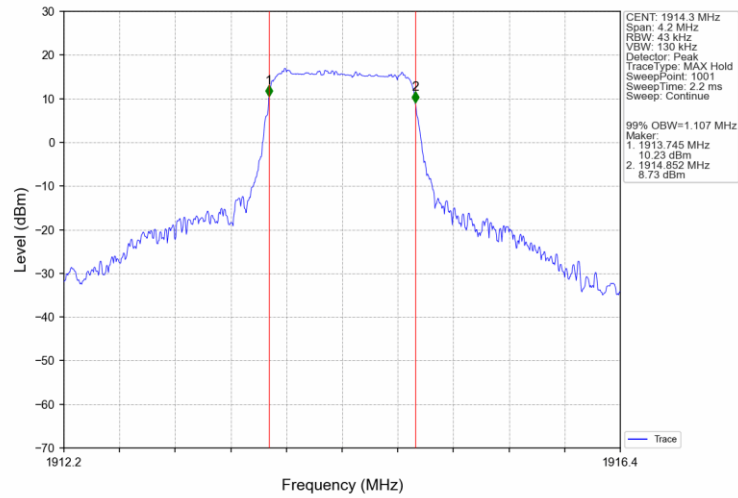
	16QAM	1850.7	6	0	1.326	/	Pass
		1882.5	6	0	1.299	/	Pass
		1914.3	6	0	1.336	/	Pass
3	QPSK	1851.5	15	0	3.011	/	Pass
		1882.5	15	0	2.993	/	Pass
		1913.5	15	0	3.012	/	Pass
	16QAM	1851.5	15	0	3.017	/	Pass
		1882.5	15	0	3.016	/	Pass
		1913.5	15	0	2.995	/	Pass
5	QPSK	1852.5	25	0	5.042	/	Pass
		1882.5	25	0	5.031	/	Pass
		1912.5	25	0	5.033	/	Pass
	16QAM	1852.5	25	0	5.077	/	Pass
		1882.5	25	0	5.022	/	Pass
		1912.5	25	0	5.055	/	Pass
10	QPSK	1855	50	0	9.873	/	Pass
		1882.5	50	0	10.035	/	Pass
		1910	50	0	9.910	/	Pass
	16QAM	1855	50	0	10.018	/	Pass
		1882.5	50	0	9.931	/	Pass
		1910	50	0	9.821	/	Pass
15	QPSK	1857.5	75	0	14.918	/	Pass
		1882.5	75	0	14.850	/	Pass
		1907.5	75	0	14.871	/	Pass
	16QAM	1857.5	75	0	14.914	/	Pass
		1882.5	75	0	14.953	/	Pass
		1907.5	75	0	14.839	/	Pass
20	QPSK	1860	100	0	19.994	/	Pass
		1882.5	100	0	19.735	/	Pass
		1905	100	0	19.735	/	Pass
	16QAM	1860	100	0	19.729	/	Pass
		1882.5	100	0	19.747	/	Pass
		1905	100	0	19.738	/	Pass

4.2 Test Graph

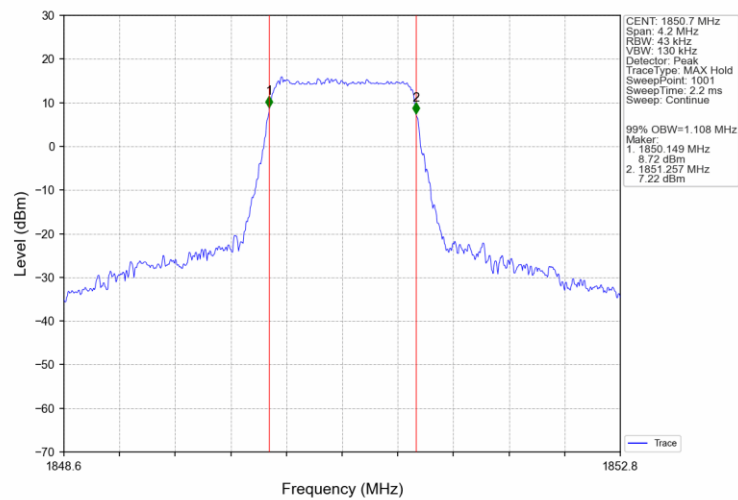
4.2.1 Band25_OBW



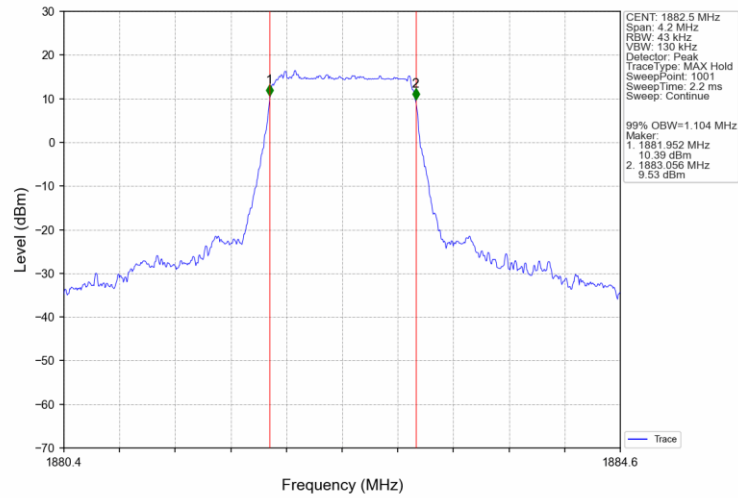
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



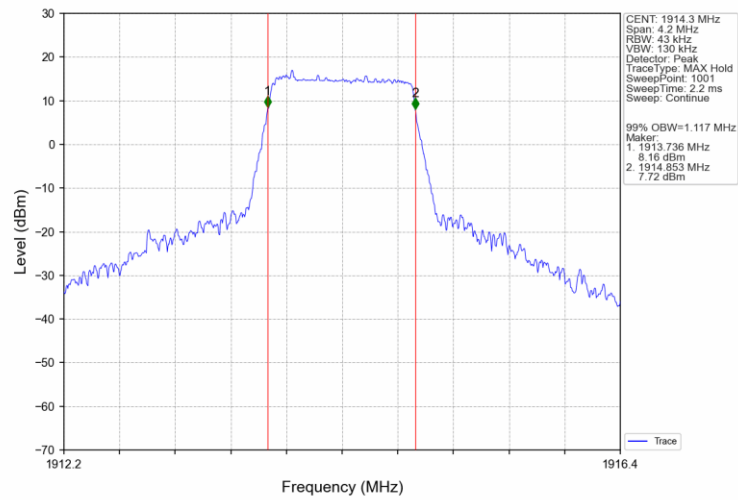
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



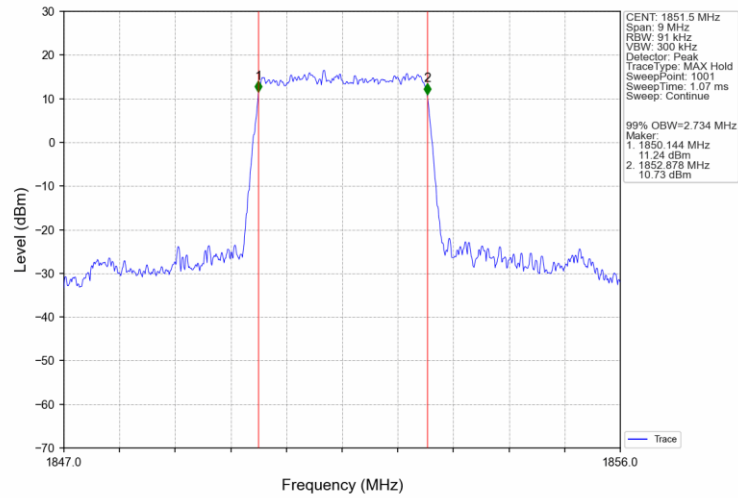
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



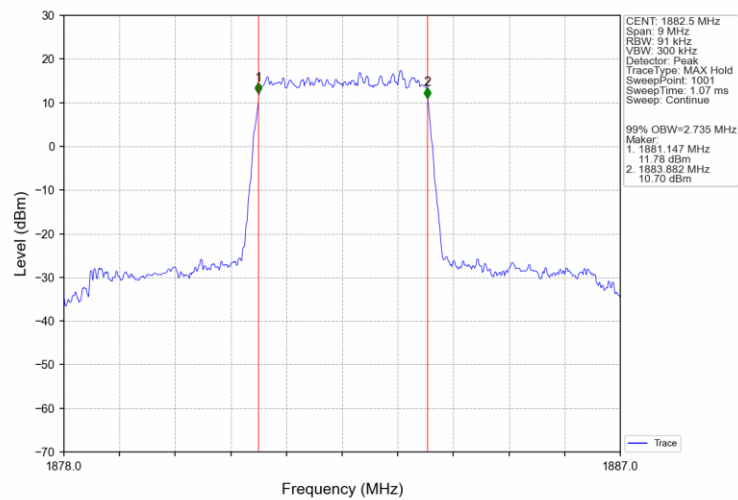
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



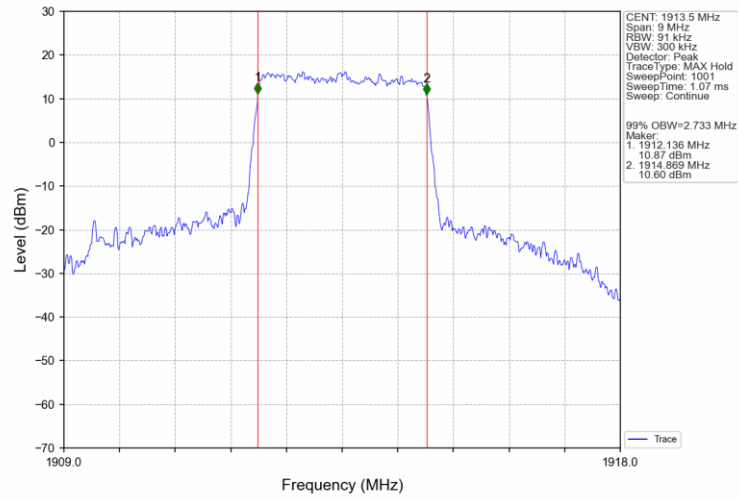
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



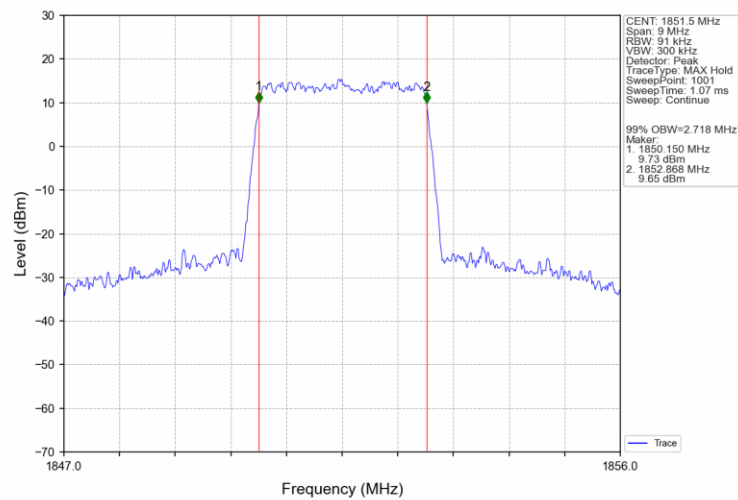
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTNV



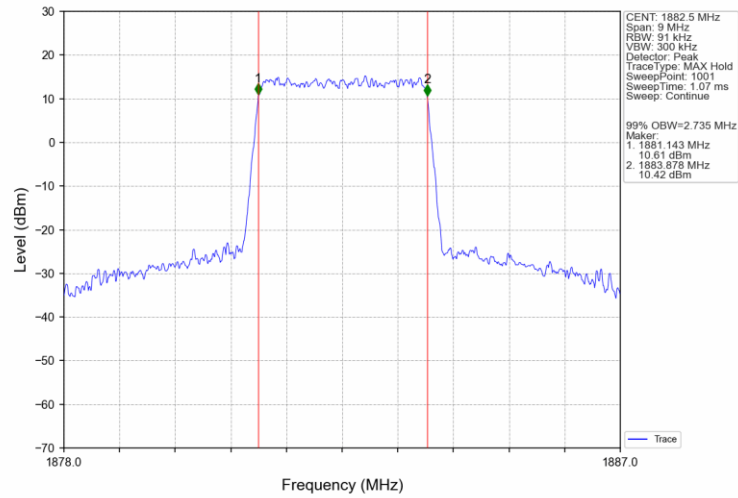
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



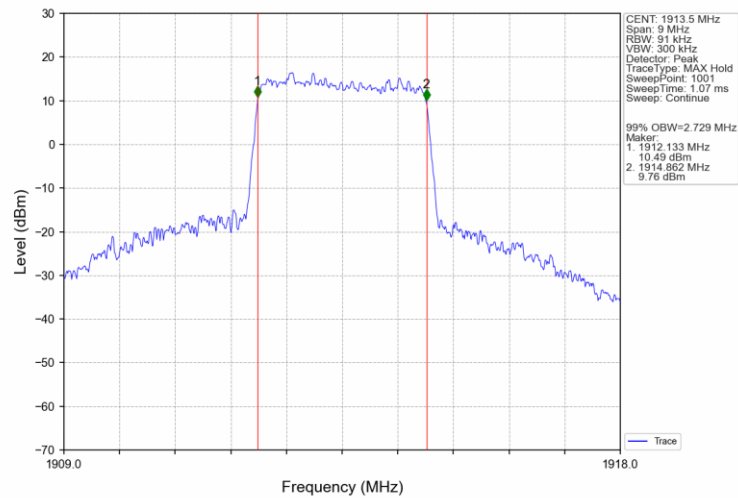
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



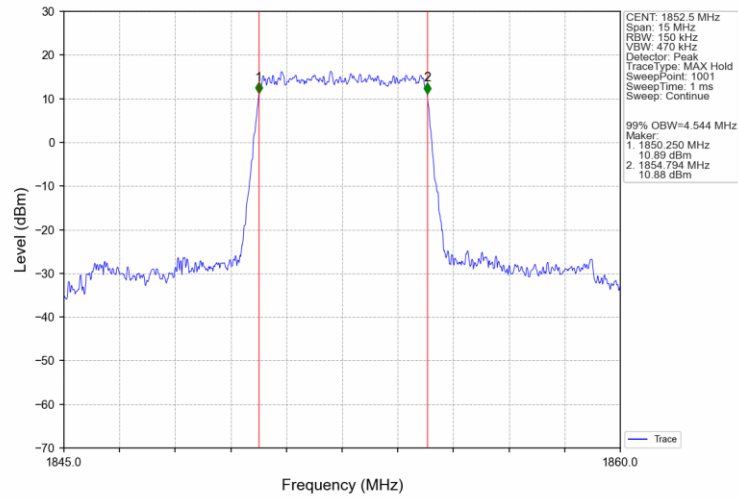
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



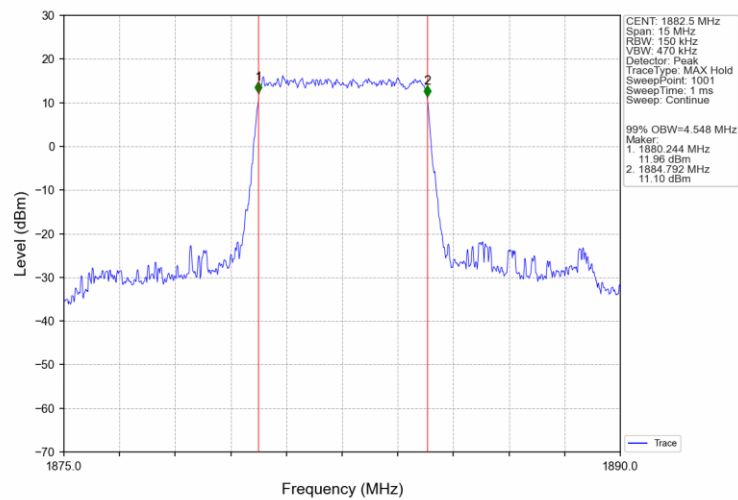
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



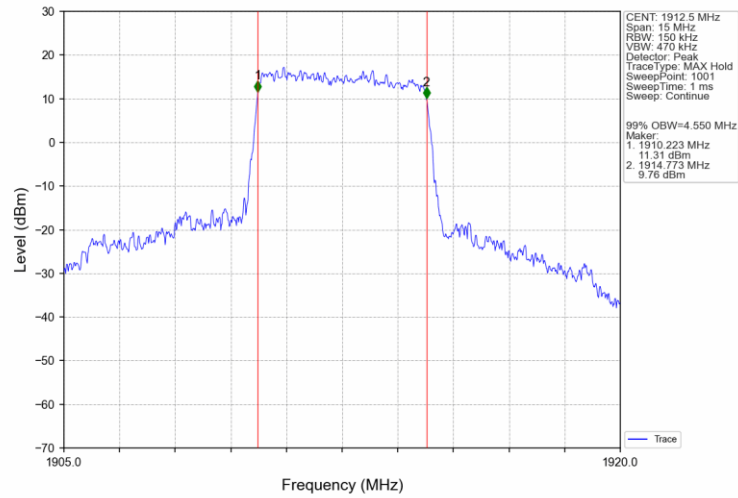
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



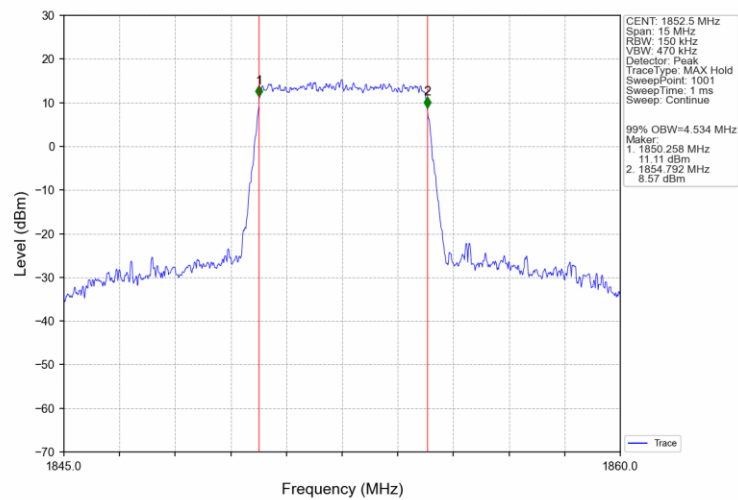
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



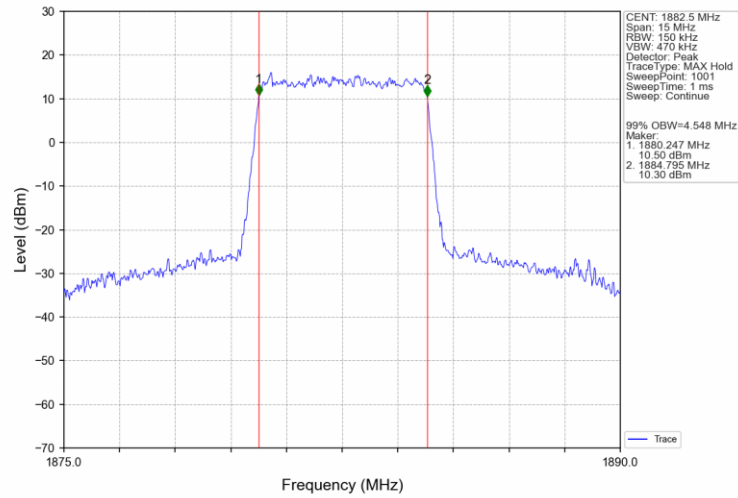
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



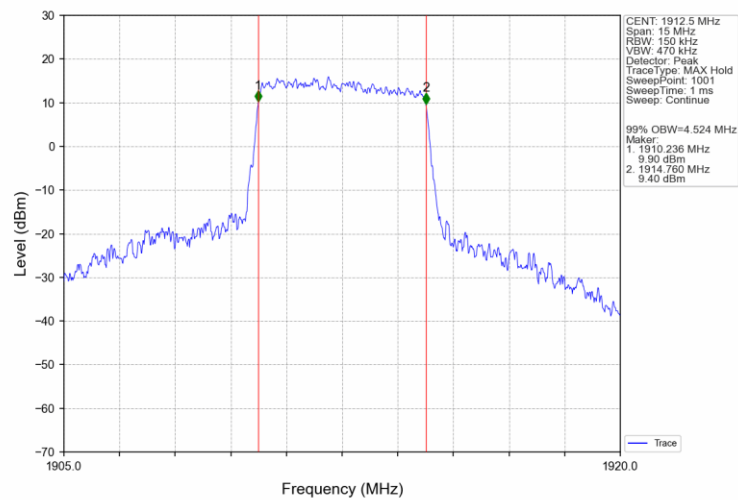
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



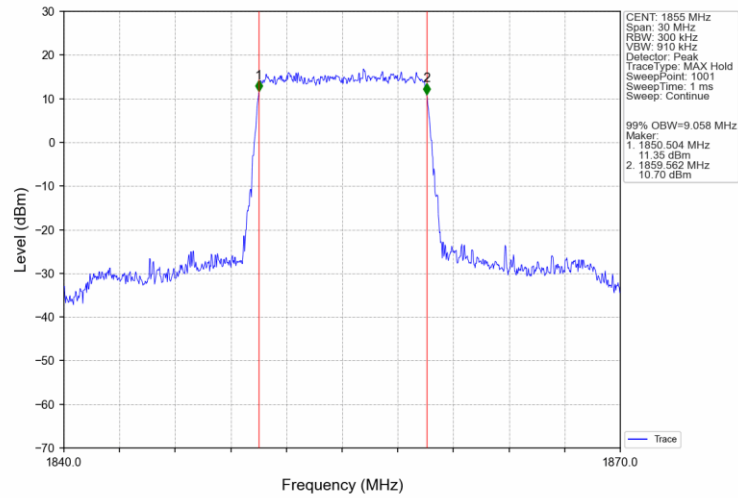
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTN



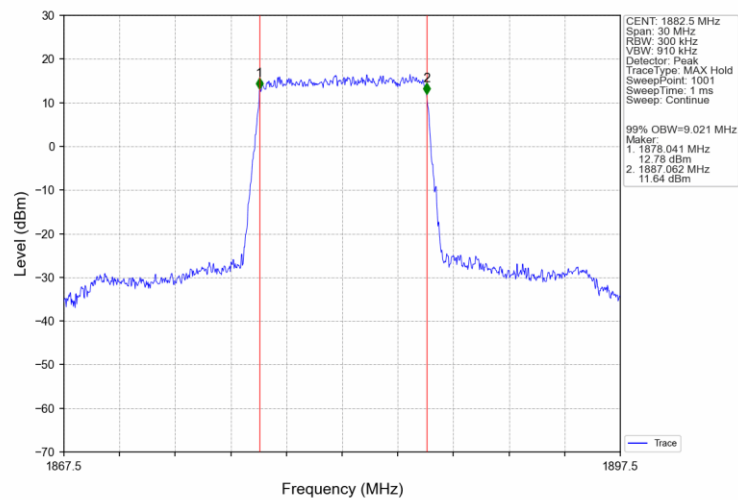
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTN



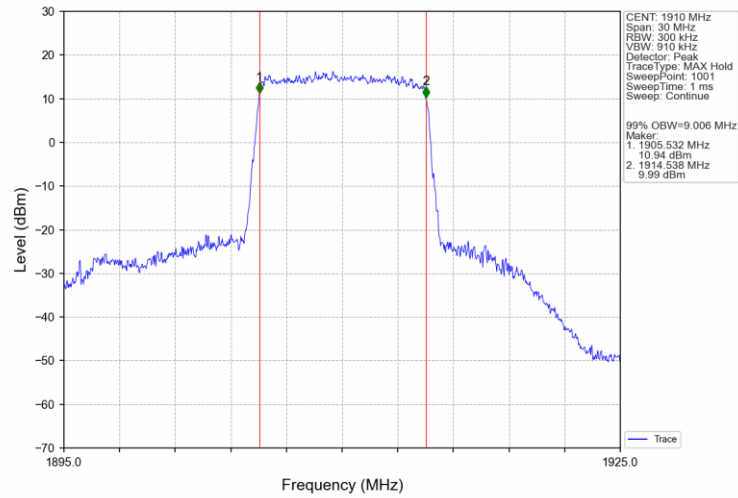
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



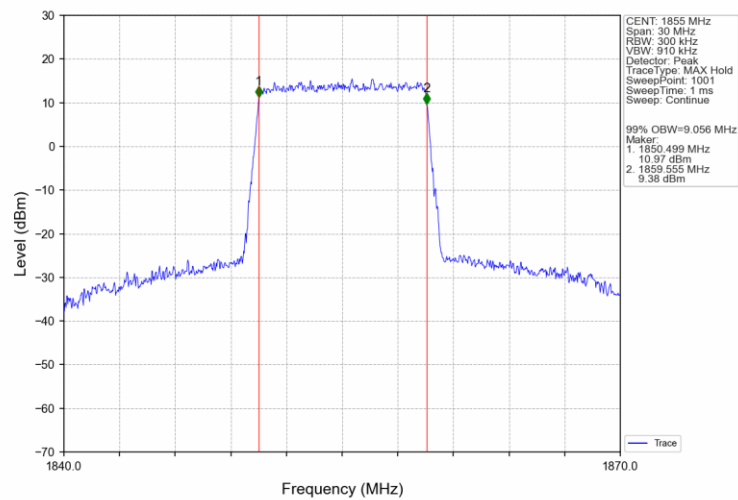
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



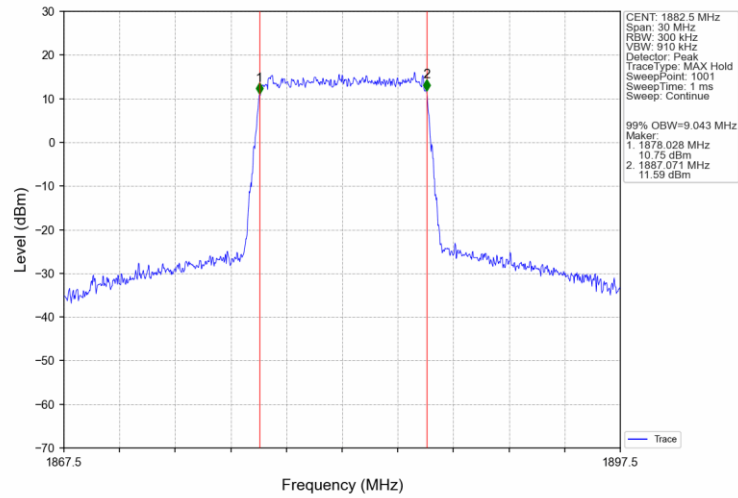
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV



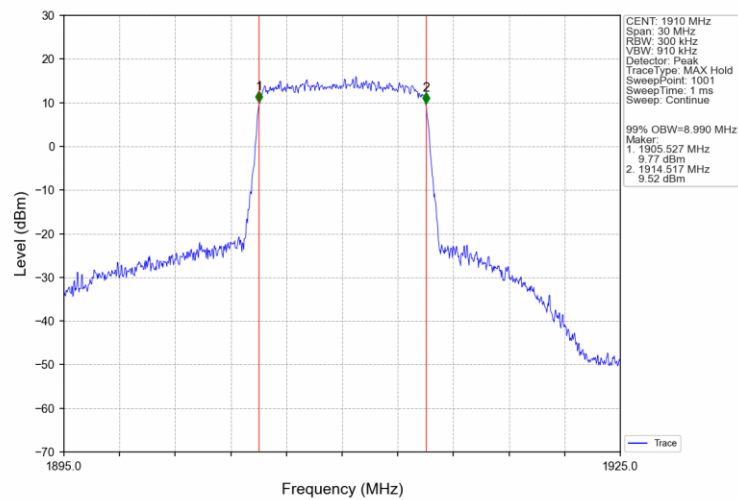
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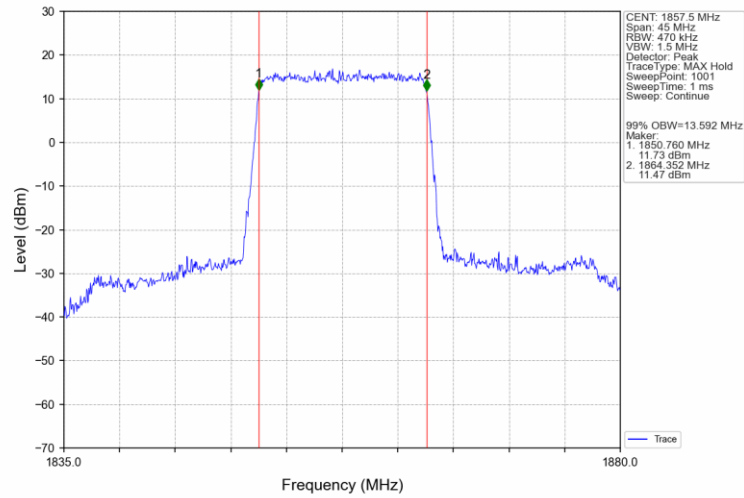
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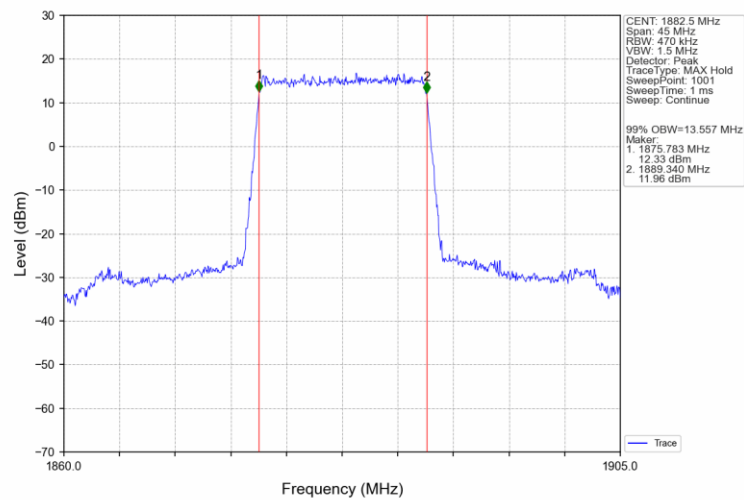
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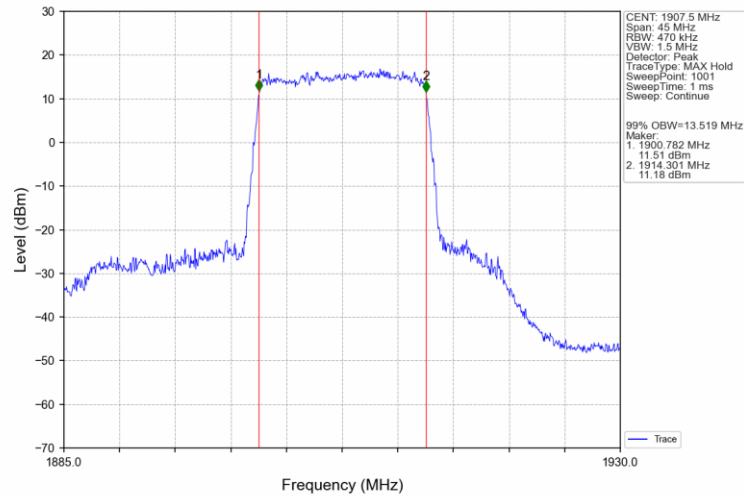
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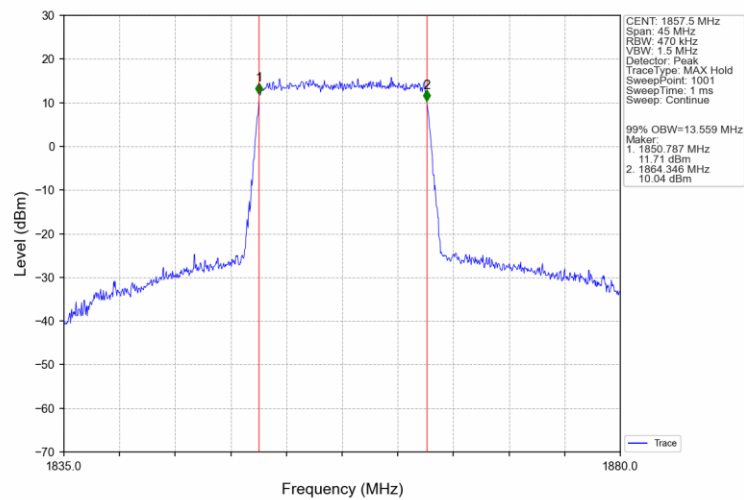
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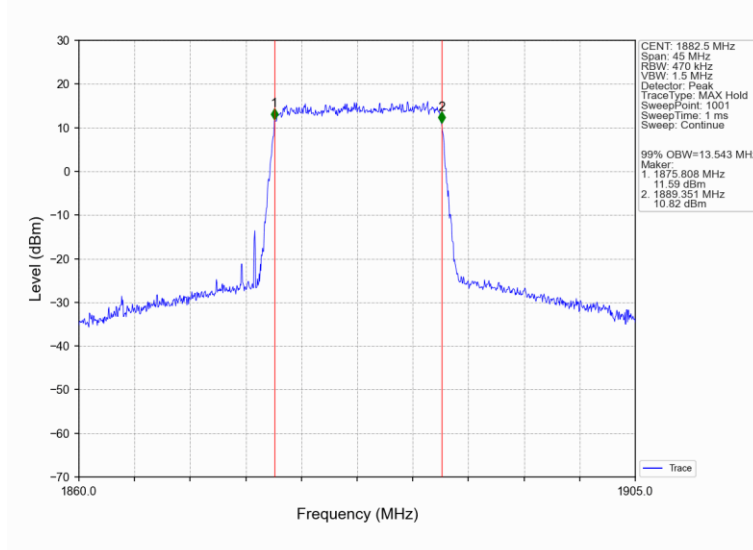
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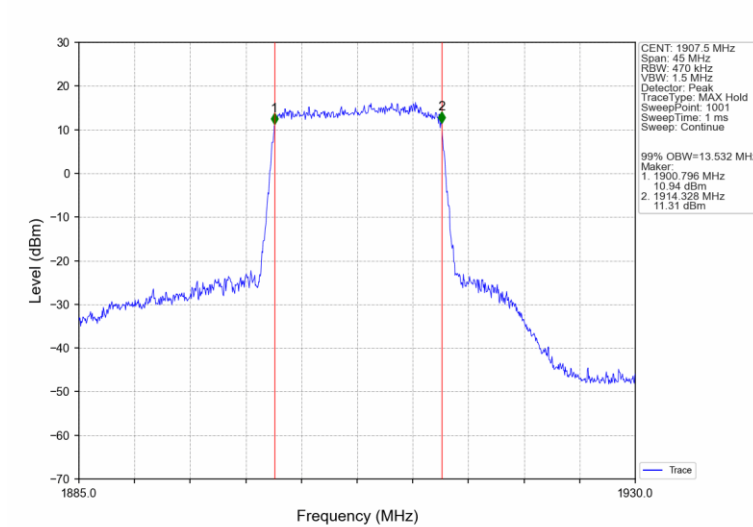
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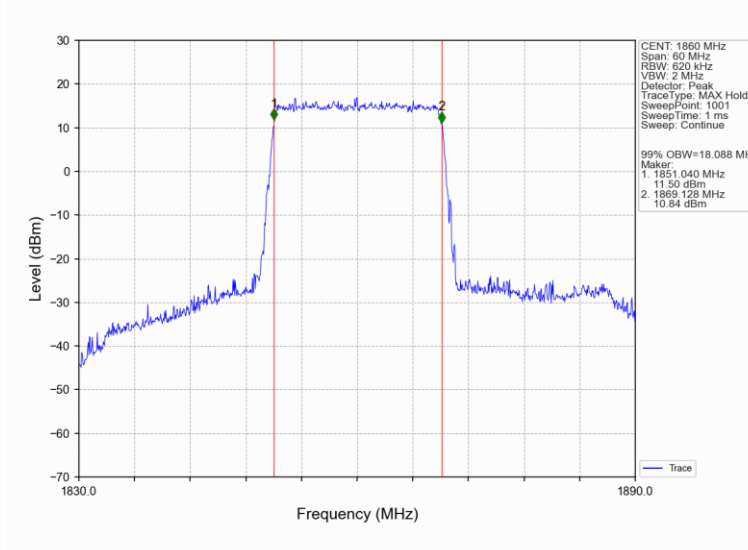
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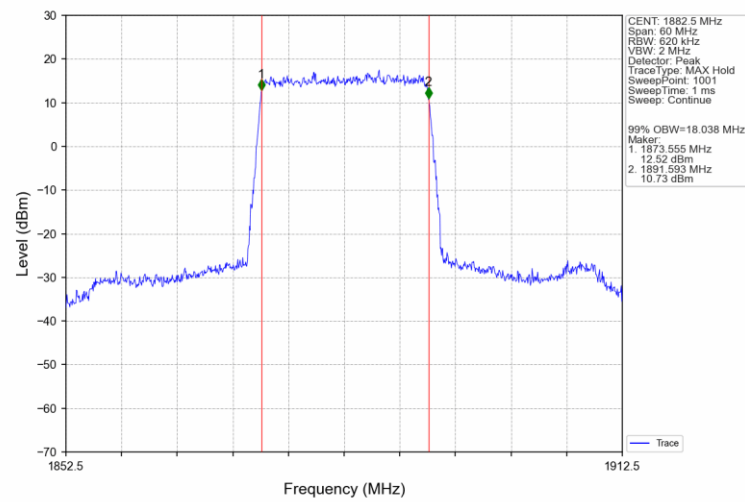
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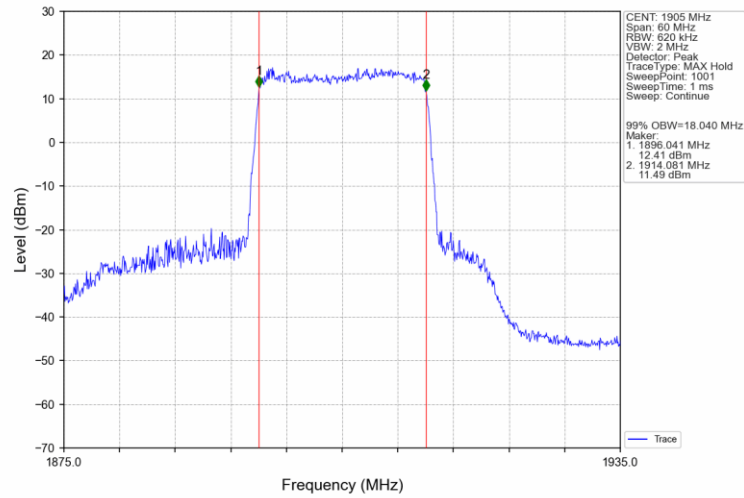
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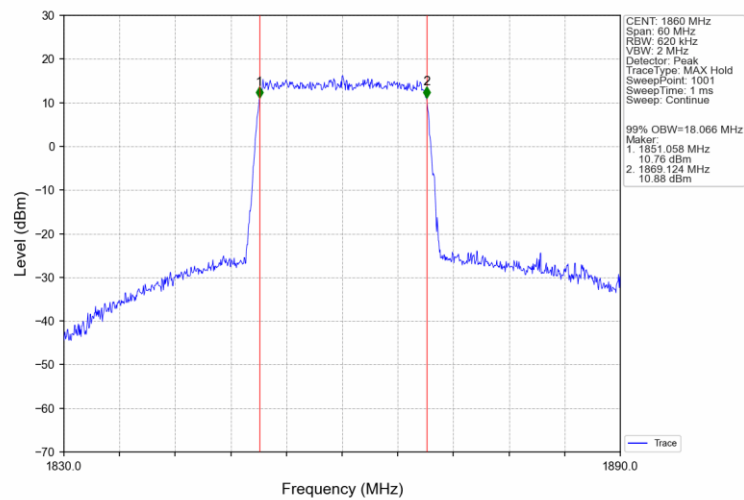
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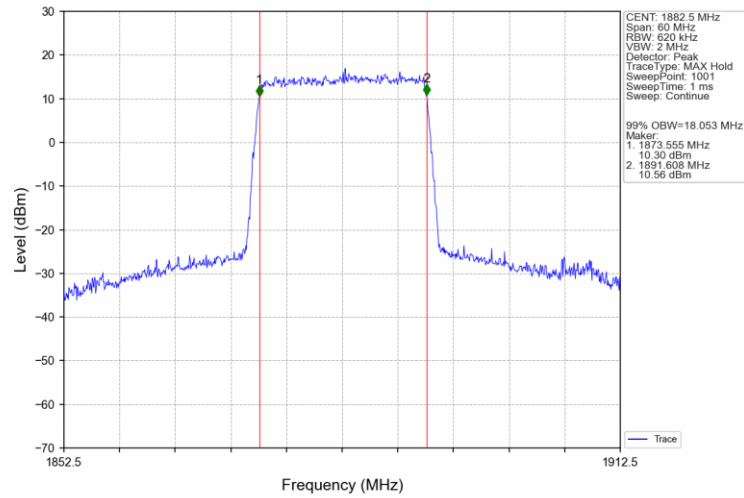
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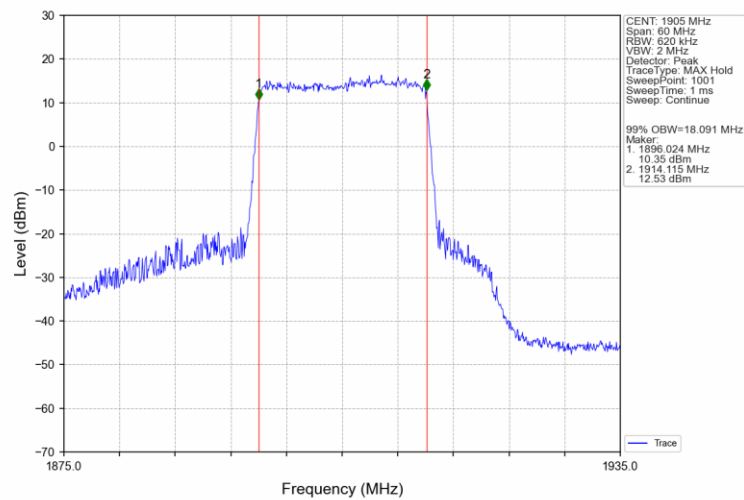
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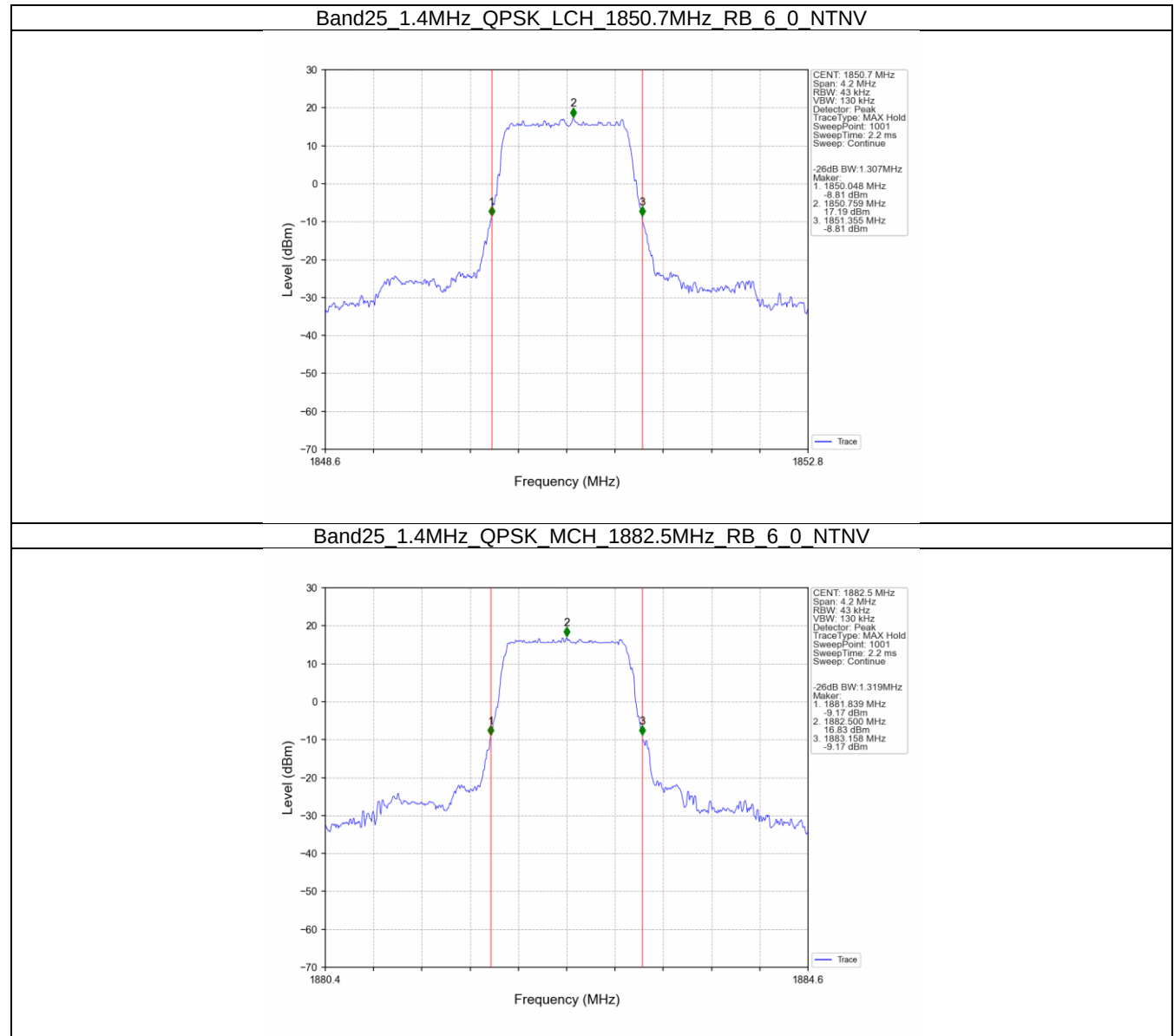
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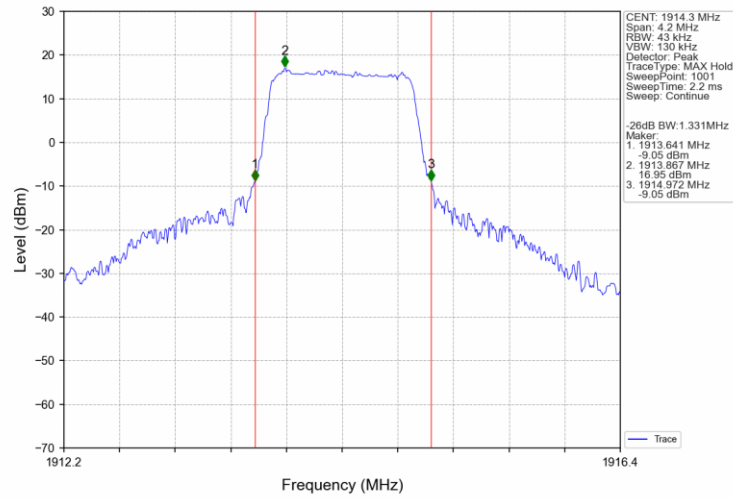
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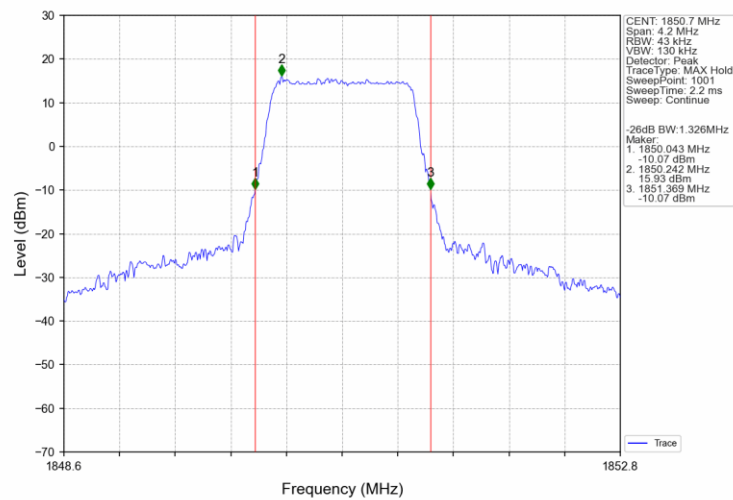
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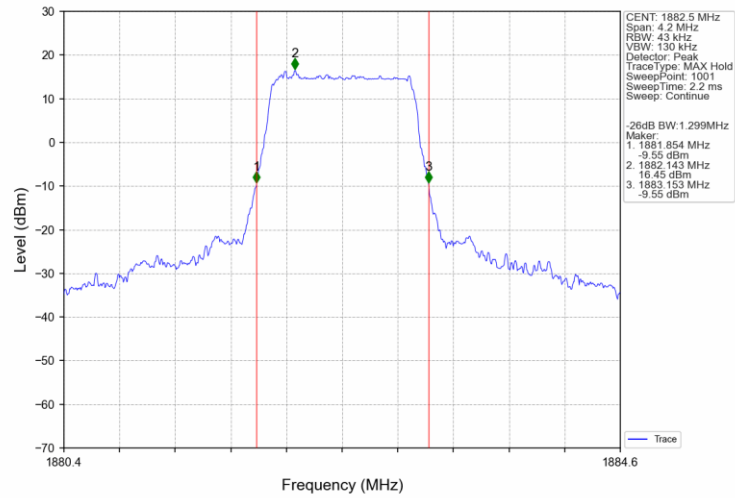
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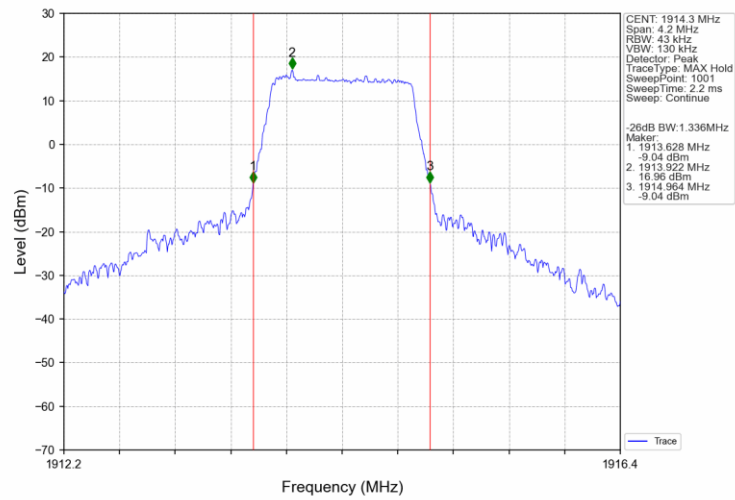
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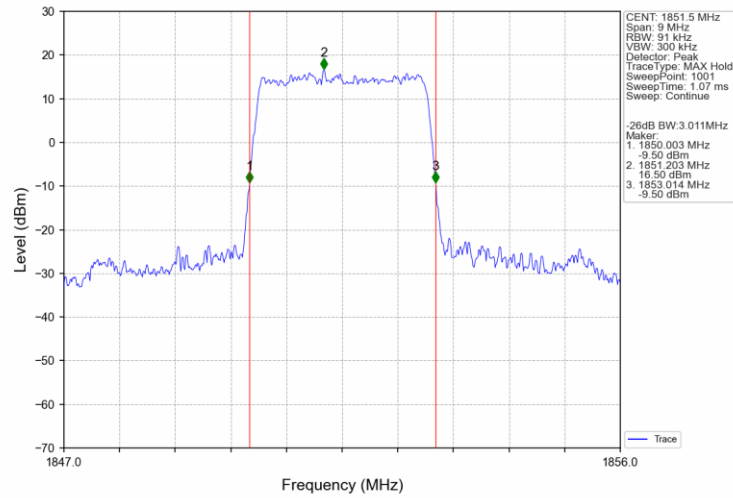
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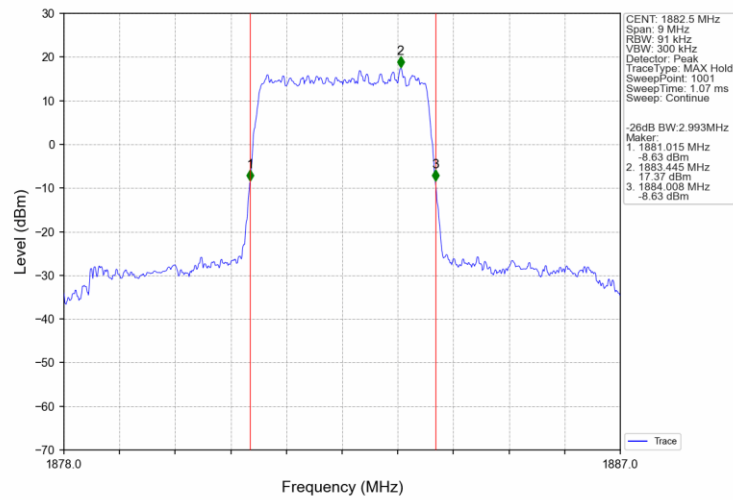
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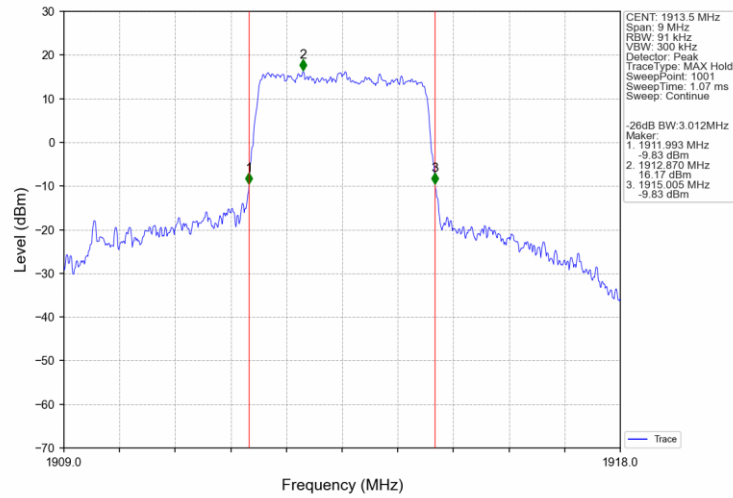
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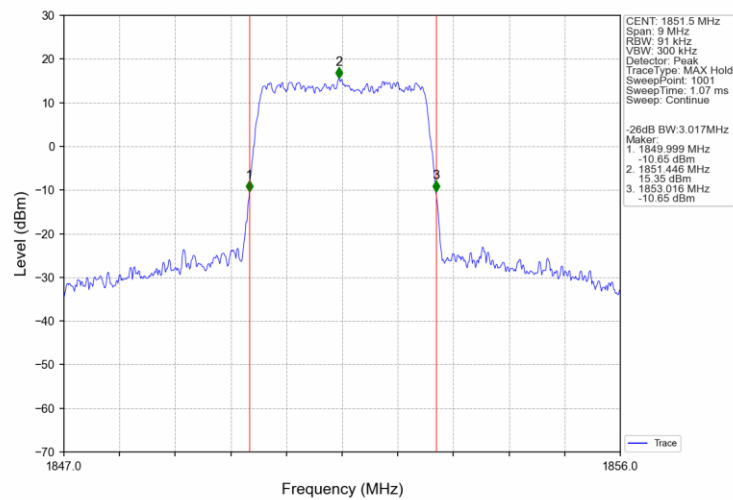
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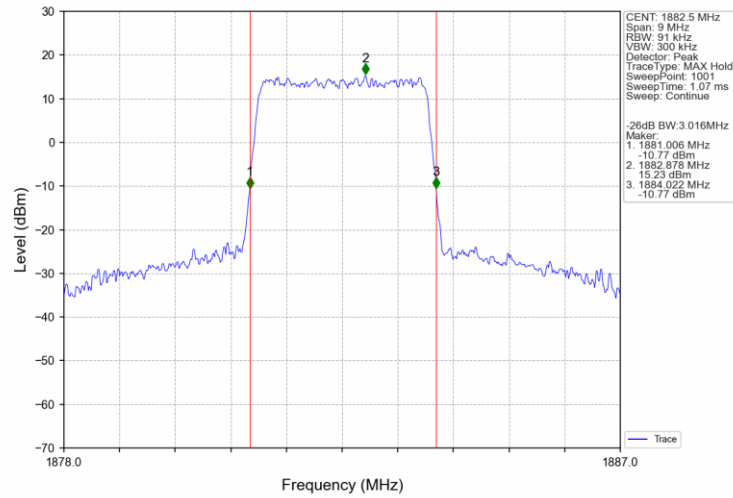
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTN



Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTN

