

1. Effective (Isotropic) Radiated Power Output DaSta

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	23.49	-0.10	23.39	<=33.01	Pass
			2	23.65	-0.10	23.55	<=33.01	Pass
			5	23.63	-0.10	23.53	<=33.01	Pass
		3	0	23.54	-0.10	23.44	<=33.01	Pass
			2	23.56	-0.10	23.46	<=33.01	Pass
			3	23.57	-0.10	23.47	<=33.01	Pass
		6	0	22.55	-0.10	22.45	<=33.01	Pass
	1882.5	1	0	23.04	-0.10	22.94	<=33.01	Pass
			2	22.97	-0.10	22.87	<=33.01	Pass
			5	23.05	-0.10	22.95	<=33.01	Pass
		3	0	23.11	-0.10	23.01	<=33.01	Pass
			2	23.02	-0.10	22.92	<=33.01	Pass
			3	22.96	-0.10	22.86	<=33.01	Pass
		6	0	22.04	-0.10	21.94	<=33.01	Pass
	1914.3	1	0	22.22	-0.10	22.12	<=33.01	Pass
			2	22.17	-0.10	22.07	<=33.01	Pass
			5	22.19	-0.10	22.09	<=33.01	Pass
		3	0	22.24	-0.10	22.14	<=33.01	Pass
			2	22.20	-0.10	22.10	<=33.01	Pass
			3	22.12	-0.10	22.02	<=33.01	Pass
		6	0	21.20	-0.10	21.10	<=33.01	Pass
16QAM	1850.7	1	0	23.30	-0.10	23.20	<=33.01	Pass
			2	23.26	-0.10	23.16	<=33.01	Pass
			5	23.30	-0.10	23.20	<=33.01	Pass
		3	0	22.81	-0.10	22.71	<=33.01	Pass
			2	22.79	-0.10	22.69	<=33.01	Pass
			3	22.78	-0.10	22.68	<=33.01	Pass
		6	0	21.86	-0.10	21.76	<=33.01	Pass
	1882.5	1	0	22.60	-0.10	22.50	<=33.01	Pass
			2	22.55	-0.10	22.45	<=33.01	Pass
			5	22.53	-0.10	22.43	<=33.01	Pass
		3	0	22.05	-0.10	21.95	<=33.01	Pass
			2	21.99	-0.10	21.89	<=33.01	Pass
			3	22.04	-0.10	21.94	<=33.01	Pass
		6	0	21.06	-0.10	20.96	<=33.01	Pass
	1914.3	1	0	21.26	-0.10	21.16	<=33.01	Pass
			2	21.19	-0.10	21.09	<=33.01	Pass
			5	21.20	-0.10	21.10	<=33.01	Pass
		3	0	21.02	-0.10	20.92	<=33.01	Pass
			2	21.06	-0.10	20.96	<=33.01	Pass
			3	21.10	-0.10	21.00	<=33.01	Pass
		6	0	20.29	-0.10	20.19	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	23.52	-0.10	23.42	<=33.01	Pass
			7	23.50	-0.10	23.40	<=33.01	Pass
			14	23.44	-0.10	23.34	<=33.01	Pass
		8	0	22.54	-0.10	22.44	<=33.01	Pass
			4	22.55	-0.10	22.45	<=33.01	Pass
			7	22.49	-0.10	22.39	<=33.01	Pass
		15	0	22.51	-0.10	22.41	<=33.01	Pass
	1882.5	1	0	23.02	-0.10	22.92	<=33.01	Pass
			7	23.01	-0.10	22.91	<=33.01	Pass
			14	22.96	-0.10	22.86	<=33.01	Pass
		8	0	22.01	-0.10	21.91	<=33.01	Pass
			4	22.00	-0.10	21.90	<=33.01	Pass
			7	22.00	-0.10	21.90	<=33.01	Pass
		15	0	21.94	-0.10	21.84	<=33.01	Pass
	1913.5	1	0	22.18	-0.10	22.08	<=33.01	Pass
			7	22.10	-0.10	22.00	<=33.01	Pass
			14	22.15	-0.10	22.05	<=33.01	Pass
		8	0	21.29	-0.10	21.19	<=33.01	Pass
			4	21.29	-0.10	21.19	<=33.01	Pass
			7	21.20	-0.10	21.10	<=33.01	Pass
		15	0	21.30	-0.10	21.20	<=33.01	Pass
16QAM	1851.5	1	0	22.58	-0.10	22.48	<=33.01	Pass
			7	22.57	-0.10	22.47	<=33.01	Pass
			14	22.52	-0.10	22.42	<=33.01	Pass
		8	0	21.84	-0.10	21.74	<=33.01	Pass
			4	21.81	-0.10	21.71	<=33.01	Pass
			7	21.83	-0.10	21.73	<=33.01	Pass
		15	0	21.65	-0.10	21.55	<=33.01	Pass
	1882.5	1	0	23.02	-0.10	22.92	<=33.01	Pass
			7	23.02	-0.10	22.92	<=33.01	Pass
			14	22.95	-0.10	22.85	<=33.01	Pass
		8	0	21.15	-0.10	21.05	<=33.01	Pass
			4	21.21	-0.10	21.11	<=33.01	Pass
			7	21.11	-0.10	21.01	<=33.01	Pass
		15	0	21.04	-0.10	20.94	<=33.01	Pass
	1913.5	1	0	21.99	-0.10	21.89	<=33.01	Pass
			7	21.93	-0.10	21.83	<=33.01	Pass
			14	21.94	-0.10	21.84	<=33.01	Pass
		8	0	20.52	-0.10	20.42	<=33.01	Pass
			4	20.53	-0.10	20.43	<=33.01	Pass
			7	20.50	-0.10	20.40	<=33.01	Pass
		15	0	20.36	-0.10	20.26	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B25_5MHz_EIRP

Band: 25 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.44	-0.10	23.34	<=33.01	Pass
			13	23.45	-0.10	23.35	<=33.01	Pass
			24	23.46	-0.10	23.36	<=33.01	Pass
		12	0	22.55	-0.10	22.45	<=33.01	Pass
			6	22.56	-0.10	22.46	<=33.01	Pass
			13	22.56	-0.10	22.46	<=33.01	Pass

16QAM	1882.5	25	0	22.58	-0.10	22.48	<=33.01	Pass
			0	23.20	-0.10	23.10	<=33.01	Pass
			13	23.16	-0.10	23.06	<=33.01	Pass
			24	23.09	-0.10	22.99	<=33.01	Pass
		12	0	22.15	-0.10	22.05	<=33.01	Pass
			6	22.11	-0.10	22.01	<=33.01	Pass
			13	22.09	-0.10	21.99	<=33.01	Pass
		25	0	22.16	-0.10	22.06	<=33.01	Pass
	1912.5	1	0	22.23	-0.10	22.13	<=33.01	Pass
			13	22.16	-0.10	22.06	<=33.01	Pass
			24	22.12	-0.10	22.02	<=33.01	Pass
		12	0	21.37	-0.10	21.27	<=33.01	Pass
			6	21.36	-0.10	21.26	<=33.01	Pass
			13	21.26	-0.10	21.16	<=33.01	Pass
		25	0	21.32	-0.10	21.22	<=33.01	Pass
	1852.5	1	0	23.13	-0.10	23.03	<=33.01	Pass
			13	23.05	-0.10	22.95	<=33.01	Pass
			24	23.18	-0.10	23.08	<=33.01	Pass
		12	0	21.59	-0.10	21.49	<=33.01	Pass
			6	21.65	-0.10	21.55	<=33.01	Pass
			13	21.63	-0.10	21.53	<=33.01	Pass
		25	0	21.74	-0.10	21.64	<=33.01	Pass
	1882.5	1	0	22.63	-0.10	22.53	<=33.01	Pass
			13	22.73	-0.10	22.63	<=33.01	Pass
			24	22.72	-0.10	22.62	<=33.01	Pass
		12	0	21.21	-0.10	21.11	<=33.01	Pass
			6	21.16	-0.10	21.06	<=33.01	Pass
			13	21.15	-0.10	21.05	<=33.01	Pass
		25	0	21.14	-0.10	21.04	<=33.01	Pass
	1912.5	1	0	21.05	-0.10	20.95	<=33.01	Pass
			13	21.02	-0.10	20.92	<=33.01	Pass
			24	20.89	-0.10	20.79	<=33.01	Pass
		12	0	20.38	-0.10	20.28	<=33.01	Pass
			6	20.41	-0.10	20.31	<=33.01	Pass
			13	20.36	-0.10	20.26	<=33.01	Pass
		25	0	20.45	-0.10	20.35	<=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	23.53	-0.10	23.43	<=33.01	Pass
			25	23.61	-0.10	23.51	<=33.01	Pass
			49	23.54	-0.10	23.44	<=33.01	Pass
		25	0	22.55	-0.10	22.45	<=33.01	Pass
			13	22.49	-0.10	22.39	<=33.01	Pass
			25	22.62	-0.10	22.52	<=33.01	Pass
		50	0	22.48	-0.10	22.38	<=33.01	Pass
	1882.5	1	0	23.11	-0.10	23.01	<=33.01	Pass
			25	22.98	-0.10	22.88	<=33.01	Pass
			49	22.91	-0.10	22.81	<=33.01	Pass
		25	0	22.11	-0.10	22.01	<=33.01	Pass
			13	22.14	-0.10	22.04	<=33.01	Pass
			25	21.98	-0.10	21.88	<=33.01	Pass
		50	0	22.11	-0.10	22.01	<=33.01	Pass

	1910	1	0	22.44	-0.10	22.34	<=33.01	Pass		
			25	22.31	-0.10	22.21	<=33.01	Pass		
			49	22.22	-0.10	22.12	<=33.01	Pass		
		25	0	21.37	-0.10	21.27	<=33.01	Pass		
			13	21.25	-0.10	21.15	<=33.01	Pass		
			25	21.27	-0.10	21.17	<=33.01	Pass		
		50	0	21.39	-0.10	21.29	<=33.01	Pass		
		16QAM	1855	1	0	22.55	-0.10	22.45	<=33.01	Pass
					25	22.54	-0.10	22.44	<=33.01	Pass
49	22.80				-0.10	22.70	<=33.01	Pass		
25	0			21.80	-0.10	21.70	<=33.01	Pass		
	13			21.81	-0.10	21.71	<=33.01	Pass		
	25			21.74	-0.10	21.64	<=33.01	Pass		
50	0			21.66	-0.10	21.56	<=33.01	Pass		
1882.5	1			0	22.89	-0.10	22.79	<=33.01	Pass	
				25	22.78	-0.10	22.68	<=33.01	Pass	
			49	22.64	-0.10	22.54	<=33.01	Pass		
	25		0	21.30	-0.10	21.20	<=33.01	Pass		
			13	21.19	-0.10	21.09	<=33.01	Pass		
			25	21.10	-0.10	21.00	<=33.01	Pass		
	50		0	21.23	-0.10	21.13	<=33.01	Pass		
	1910		1	0	22.40	-0.10	22.30	<=33.01	Pass	
				25	22.03	-0.10	21.93	<=33.01	Pass	
49				21.99	-0.10	21.89	<=33.01	Pass		
25			0	20.46	-0.10	20.36	<=33.01	Pass		
			13	20.45	-0.10	20.35	<=33.01	Pass		
		25	20.42	-0.10	20.32	<=33.01	Pass			
50		0	20.40	-0.10	20.30	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

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	23.44	-0.10	23.34	<=33.01	Pass
			38	23.45	-0.10	23.35	<=33.01	Pass
			74	23.36	-0.10	23.26	<=33.01	Pass
		36	0	22.64	-0.10	22.54	<=33.01	Pass
			18	22.65	-0.10	22.55	<=33.01	Pass
			39	22.50	-0.10	22.40	<=33.01	Pass
		75	0	22.48	-0.10	22.38	<=33.01	Pass
	1882.5	1	0	23.10	-0.10	23.00	<=33.01	Pass
			38	22.99	-0.10	22.89	<=33.01	Pass
			74	22.82	-0.10	22.72	<=33.01	Pass
		36	0	22.14	-0.10	22.04	<=33.01	Pass
			18	22.06	-0.10	21.96	<=33.01	Pass
			39	22.00	-0.10	21.90	<=33.01	Pass
		75	0	22.11	-0.10	22.01	<=33.01	Pass
	1907.5	1	0	22.37	-0.10	22.27	<=33.01	Pass
			38	22.24	-0.10	22.14	<=33.01	Pass
			74	22.18	-0.10	22.08	<=33.01	Pass
		36	0	21.57	-0.10	21.47	<=33.01	Pass
			18	21.47	-0.10	21.37	<=33.01	Pass
			39	21.34	-0.10	21.24	<=33.01	Pass
		75	0	21.43	-0.10	21.33	<=33.01	Pass
16QAM	1857.5	1	0	23.32	-0.10	23.22	<=33.01	Pass

			38	23.30	-0.10	23.20	<=33.01	Pass
			74	23.25	-0.10	23.15	<=33.01	Pass
		36	0	21.69	-0.10	21.59	<=33.01	Pass
			18	21.65	-0.10	21.55	<=33.01	Pass
			39	21.71	-0.10	21.61	<=33.01	Pass
		75	0	21.62	-0.10	21.52	<=33.01	Pass
	1882.5	1	0	23.71	-0.10	23.61	<=33.01	Pass
			38	23.43	-0.10	23.33	<=33.01	Pass
			74	22.68	-0.10	22.58	<=33.01	Pass
		36	0	21.29	-0.10	21.19	<=33.01	Pass
			18	21.21	-0.10	21.11	<=33.01	Pass
			39	21.03	-0.10	20.93	<=33.01	Pass
	75	0	21.16	-0.10	21.06	<=33.01	Pass	
	1907.5	1	0	22.49	-0.10	22.39	<=33.01	Pass
			38	22.34	-0.10	22.24	<=33.01	Pass
			74	22.22	-0.10	22.12	<=33.01	Pass
		36	0	20.75	-0.10	20.65	<=33.01	Pass
			18	20.58	-0.10	20.48	<=33.01	Pass
			39	20.55	-0.10	20.45	<=33.01	Pass
	75	0	20.52	-0.10	20.42	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

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	23.60	-0.10	23.50	<=33.01	Pass
			50	23.55	-0.10	23.45	<=33.01	Pass
			99	23.54	-0.10	23.44	<=33.01	Pass
		50	0	22.47	-0.10	22.37	<=33.01	Pass
			25	22.48	-0.10	22.38	<=33.01	Pass
			50	22.41	-0.10	22.31	<=33.01	Pass
		100	0	22.48	-0.10	22.38	<=33.01	Pass
			0	23.46	-0.10	23.36	<=33.01	Pass
			50	23.24	-0.10	23.14	<=33.01	Pass
		1	99	23.05	-0.10	22.95	<=33.01	Pass
			0	22.14	-0.10	22.04	<=33.01	Pass
			25	22.01	-0.10	21.91	<=33.01	Pass
16QAM	1882.5	50	50	21.92	-0.10	21.82	<=33.01	Pass
			0	22.11	-0.10	22.01	<=33.01	Pass
		1905	0	22.75	-0.10	22.65	<=33.01	Pass
			50	22.49	-0.10	22.39	<=33.01	Pass
			99	22.36	-0.10	22.26	<=33.01	Pass
		50	0	21.51	-0.10	21.41	<=33.01	Pass
			25	21.40	-0.10	21.30	<=33.01	Pass
			50	21.37	-0.10	21.27	<=33.01	Pass
		100	0	21.43	-0.10	21.33	<=33.01	Pass
			0	23.81	-0.10	23.71	<=33.01	Pass
			50	23.76	-0.10	23.66	<=33.01	Pass
		1860	99	23.72	-0.10	23.62	<=33.01	Pass
	1882.5	1	0	21.64	-0.10	21.54	<=33.01	Pass
			25	21.55	-0.10	21.45	<=33.01	Pass
			50	21.62	-0.10	21.52	<=33.01	Pass
		50	0	21.70	-0.10	21.60	<=33.01	Pass
			0	22.79	-0.10	22.69	<=33.01	Pass
			50	22.56	-0.10	22.46	<=33.01	Pass

		50	99	22.32	-0.10	22.22	<=33.01	Pass
			0	21.36	-0.10	21.26	<=33.01	Pass
			25	21.23	-0.10	21.13	<=33.01	Pass
			50	21.13	-0.10	21.03	<=33.01	Pass
	1905	100	0	21.10	-0.10	21.00	<=33.01	Pass
			0	22.20	-0.10	22.10	<=33.01	Pass
		1	50	22.12	-0.10	22.02	<=33.01	Pass
			99	21.96	-0.10	21.86	<=33.01	Pass
			0	20.80	-0.10	20.70	<=33.01	Pass
		50	25	20.68	-0.10	20.58	<=33.01	Pass
			50	20.56	-0.10	20.46	<=33.01	Pass
			100	20.66	-0.10	20.56	<=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	-19.298	-0.0104	-2.5 to 2.5	Pass
					3.85	3.533	0.0019	-2.5 to 2.5	Pass
					4.43	-24.805	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	4.349	0.0023	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0044	-2.5 to 2.5	Pass
				30	3.85	18.153	0.0098	-2.5 to 2.5	Pass
				40	3.85	15.235	0.0082	-2.5 to 2.5	Pass
				50	3.85	13.046	0.0070	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	36.764	0.0195	-2.5 to 2.5	Pass
					3.85	-21.129	-0.0112	-2.5 to 2.5	Pass
					4.43	-30.599	-0.0163	-2.5 to 2.5	Pass
				-30	3.85	-39.825	-0.0212	-2.5 to 2.5	Pass
				-20	3.85	-29.583	-0.0157	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-18.268	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-32.287	-0.0172	-2.5 to 2.5	Pass
				30	3.85	27.151	0.0144	-2.5 to 2.5	Pass
				40	3.85	25.063	0.0133	-2.5 to 2.5	Pass
				50	3.85	11.115	0.0059	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	-27.823	-0.0145	-2.5 to 2.5	Pass
					3.85	-24.419	-0.0128	-2.5 to 2.5	Pass
					4.43	-51.513	-0.0269	-2.5 to 2.5	Pass
				-30	3.85	1.616	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-4.091	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-25.477	-0.0133	-2.5 to 2.5	Pass
				0	3.85	32.516	0.0170	-2.5 to 2.5	Pass
				10	3.85	36.321	0.0190	-2.5 to 2.5	Pass
				30	3.85	-3.648	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass

16QAM	1850.7	6	0	20	3.27	14.277	0.0077	-2.5 to 2.5	Pass
					3.85	24.219	0.0131	-2.5 to 2.5	Pass
					4.43	37.265	0.0201	-2.5 to 2.5	Pass
				-30	3.85	29.883	0.0161	-2.5 to 2.5	Pass
				-20	3.85	27.008	0.0146	-2.5 to 2.5	Pass
				-10	3.85	51.084	0.0276	-2.5 to 2.5	Pass
				0	3.85	32.916	0.0178	-2.5 to 2.5	Pass
				10	3.85	53.415	0.0289	-2.5 to 2.5	Pass
				30	3.85	-2.060	-0.0011	-2.5 to 2.5	Pass
				40	3.85	11.158	0.0060	-2.5 to 2.5	Pass
				50	3.85	18.682	0.0101	-2.5 to 2.5	Pass
	1882.5	6	0	20	3.27	18.010	0.0096	-2.5 to 2.5	Pass
					3.85	10.142	0.0054	-2.5 to 2.5	Pass
					4.43	51.885	0.0276	-2.5 to 2.5	Pass
				-30	3.85	35.248	0.0187	-2.5 to 2.5	Pass
				-20	3.85	2.360	0.0013	-2.5 to 2.5	Pass
				-10	3.85	11.029	0.0059	-2.5 to 2.5	Pass
				0	3.85	28.853	0.0153	-2.5 to 2.5	Pass
				10	3.85	33.116	0.0176	-2.5 to 2.5	Pass
				30	3.85	7.324	0.0039	-2.5 to 2.5	Pass
				40	3.85	25.434	0.0135	-2.5 to 2.5	Pass
				50	3.85	36.421	0.0193	-2.5 to 2.5	Pass
	1914.3	6	0	20	3.27	14.620	0.0076	-2.5 to 2.5	Pass
					3.85	10.200	0.0053	-2.5 to 2.5	Pass
					4.43	46.663	0.0244	-2.5 to 2.5	Pass
				-30	3.85	23.761	0.0124	-2.5 to 2.5	Pass
				-20	3.85	-12.031	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-12.345	-0.0064	-2.5 to 2.5	Pass
				0	3.85	13.275	0.0069	-2.5 to 2.5	Pass
				10	3.85	20.070	0.0105	-2.5 to 2.5	Pass
				30	3.85	-14.806	-0.0077	-2.5 to 2.5	Pass
				40	3.85	6.094	0.0032	-2.5 to 2.5	Pass
				50	3.85	24.233	0.0127	-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	-37.465	-0.0202	-2.5 to 2.5	Pass
					3.85	-34.847	-0.0188	-2.5 to 2.5	Pass
					4.43	-24.505	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-42.472	-0.0229	-2.5 to 2.5	Pass
				-20	3.85	-16.680	-0.0090	-2.5 to 2.5	Pass
				-10	3.85	8.540	0.0046	-2.5 to 2.5	Pass
				0	3.85	-38.052	-0.0206	-2.5 to 2.5	Pass
				10	3.85	-40.612	-0.0219	-2.5 to 2.5	Pass
				30	3.85	-16.251	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-18.411	-0.0099	-2.5 to 2.5	Pass
				50	3.85	-33.889	-0.0183	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	32.215	0.0171	-2.5 to 2.5	Pass
					3.85	-44.231	-0.0235	-2.5 to 2.5	Pass
					4.43	-33.188	-0.0176	-2.5 to 2.5	Pass
				-30	3.85	-17.710	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-34.561	-0.0184	-2.5 to 2.5	Pass
				-10	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-37.737	-0.0200	-2.5 to 2.5	Pass

16QAM				10	3.85	4.220	0.0022	-2.5 to 2.5	Pass
				30	3.85	11.086	0.0059	-2.5 to 2.5	Pass
				40	3.85	9.670	0.0051	-2.5 to 2.5	Pass
				50	3.85	3.333	0.0018	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	2.990	0.0016	-2.5 to 2.5	Pass
					3.85	-11.544	-0.0060	-2.5 to 2.5	Pass
					4.43	-4.907	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-33.531	-0.0175	-2.5 to 2.5	Pass
				-20	3.85	-33.445	-0.0175	-2.5 to 2.5	Pass
				-10	3.85	8.826	0.0046	-2.5 to 2.5	Pass
				0	3.85	-7.281	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-9.227	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-30.684	-0.0160	-2.5 to 2.5	Pass
				50	3.85	19.555	0.0102	-2.5 to 2.5	Pass
	1851.5	15	0	20	3.27	-31.929	-0.0172	-2.5 to 2.5	Pass
					3.85	25.635	0.0138	-2.5 to 2.5	Pass
					4.43	13.318	0.0072	-2.5 to 2.5	Pass
				-30	3.85	21.973	0.0119	-2.5 to 2.5	Pass
				-20	3.85	15.435	0.0083	-2.5 to 2.5	Pass
				-10	3.85	17.381	0.0094	-2.5 to 2.5	Pass
				0	3.85	14.219	0.0077	-2.5 to 2.5	Pass
				10	3.85	38.009	0.0205	-2.5 to 2.5	Pass
				30	3.85	23.947	0.0129	-2.5 to 2.5	Pass
				40	3.85	36.049	0.0195	-2.5 to 2.5	Pass
				50	3.85	1.545	0.0008	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	42.844	0.0228	-2.5 to 2.5	Pass
					3.85	14.720	0.0078	-2.5 to 2.5	Pass
					4.43	38.981	0.0207	-2.5 to 2.5	Pass
				-30	3.85	-30.398	-0.0161	-2.5 to 2.5	Pass
				-20	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	11.516	0.0061	-2.5 to 2.5	Pass
				0	3.85	26.879	0.0143	-2.5 to 2.5	Pass
				10	3.85	19.083	0.0101	-2.5 to 2.5	Pass
				30	3.85	28.911	0.0154	-2.5 to 2.5	Pass
				40	3.85	2.246	0.0012	-2.5 to 2.5	Pass
				50	3.85	5.836	0.0031	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	33.231	0.0174	-2.5 to 2.5	Pass
					3.85	35.934	0.0188	-2.5 to 2.5	Pass
					4.43	-0.815	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	8.583	0.0045	-2.5 to 2.5	Pass
				-20	3.85	41.513	0.0217	-2.5 to 2.5	Pass
				-10	3.85	18.368	0.0096	-2.5 to 2.5	Pass
				0	3.85	24.362	0.0127	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0028	-2.5 to 2.5	Pass
				30	3.85	26.507	0.0139	-2.5 to 2.5	Pass
				40	3.85	26.464	0.0138	-2.5 to 2.5	Pass
				50	3.85	0.186	0.0001	-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	-26.836	-0.0145	-2.5 to 2.5	Pass
					3.85	-35.677	-0.0193	-2.5 to 2.5	Pass
					4.43	-17.724	-0.0096	-2.5 to 2.5	Pass

				-30	3.85	-13.189	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-23.818	-0.0129	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-27.180	-0.0147	-2.5 to 2.5	Pass
				10	3.85	39.239	0.0212	-2.5 to 2.5	Pass
				30	3.85	22.316	0.0120	-2.5 to 2.5	Pass
				40	3.85	17.996	0.0097	-2.5 to 2.5	Pass
				50	3.85	6.266	0.0034	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	4.892	0.0026	-2.5 to 2.5	Pass
					3.85	-40.841	-0.0217	-2.5 to 2.5	Pass
					4.43	-37.594	-0.0200	-2.5 to 2.5	Pass
				-30	3.85	-27.781	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-18.682	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-36.879	-0.0196	-2.5 to 2.5	Pass
				0	3.85	-21.744	-0.0116	-2.5 to 2.5	Pass
				10	3.85	-24.776	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-36.306	-0.0193	-2.5 to 2.5	Pass
				40	3.85	20.199	0.0107	-2.5 to 2.5	Pass
				50	3.85	12.531	0.0067	-2.5 to 2.5	Pass
				20	3.27	40.641	0.0213	-2.5 to 2.5	Pass
					3.85	-16.980	-0.0089	-2.5 to 2.5	Pass
					4.43	-20.843	-0.0109	-2.5 to 2.5	Pass
	1912.5	25	0	-30	3.85	-46.835	-0.0245	-2.5 to 2.5	Pass
				-20	3.85	-14.591	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-29.154	-0.0152	-2.5 to 2.5	Pass
				0	3.85	1.302	0.0007	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				40	3.85	-25.234	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-26.364	-0.0138	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-19.398	-0.0105	-2.5 to 2.5	Pass
					3.85	49.553	0.0267	-2.5 to 2.5	Pass
					4.43	25.134	0.0136	-2.5 to 2.5	Pass
				-30	3.85	21.887	0.0118	-2.5 to 2.5	Pass
				-20	3.85	35.462	0.0191	-2.5 to 2.5	Pass
				-10	3.85	-44.475	-0.0240	-2.5 to 2.5	Pass
				0	3.85	13.175	0.0071	-2.5 to 2.5	Pass
				10	3.85	36.263	0.0196	-2.5 to 2.5	Pass
				30	3.85	32.229	0.0174	-2.5 to 2.5	Pass
				40	3.85	37.351	0.0202	-2.5 to 2.5	Pass
				50	3.85	38.180	0.0206	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	35.863	0.0191	-2.5 to 2.5	Pass
					3.85	6.809	0.0036	-2.5 to 2.5	Pass
					4.43	20.671	0.0110	-2.5 to 2.5	Pass
				-30	3.85	12.445	0.0066	-2.5 to 2.5	Pass
				-20	3.85	10.428	0.0055	-2.5 to 2.5	Pass
				-10	3.85	9.441	0.0050	-2.5 to 2.5	Pass
				0	3.85	10.757	0.0057	-2.5 to 2.5	Pass
				10	3.85	10.815	0.0057	-2.5 to 2.5	Pass
				30	3.85	-5.035	-0.0027	-2.5 to 2.5	Pass
				40	3.85	17.881	0.0095	-2.5 to 2.5	Pass
				50	3.85	31.557	0.0168	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	19.927	0.0104	-2.5 to 2.5	Pass
					3.85	28.739	0.0150	-2.5 to 2.5	Pass
					4.43	2.303	0.0012	-2.5 to 2.5	Pass
				-30	3.85	45.390	0.0237	-2.5 to 2.5	Pass
				-20	3.85	25.234	0.0132	-2.5 to 2.5	Pass
				-10	3.85	25.163	0.0132	-2.5 to 2.5	Pass
				0	3.85	10.571	0.0055	-2.5 to 2.5	Pass

				10	3.85	25.334	0.0132	-2.5 to 2.5	Pass
				30	3.85	37.494	0.0196	-2.5 to 2.5	Pass
				40	3.85	11.816	0.0062	-2.5 to 2.5	Pass
				50	3.85	14.677	0.0077	-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	-33.574	-0.0181	-2.5 to 2.5	Pass
					3.85	-35.090	-0.0189	-2.5 to 2.5	Pass
					4.43	-33.631	-0.0181	-2.5 to 2.5	Pass
				-30	3.85	-31.257	-0.0169	-2.5 to 2.5	Pass
				-20	3.85	-32.458	-0.0175	-2.5 to 2.5	Pass
				-10	3.85	-17.838	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-41.099	-0.0222	-2.5 to 2.5	Pass
				10	3.85	-24.304	-0.0131	-2.5 to 2.5	Pass
				30	3.85	-28.253	-0.0152	-2.5 to 2.5	Pass
				40	3.85	-7.982	-0.0043	-2.5 to 2.5	Pass
				50	3.85	21.873	0.0118	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-33.660	-0.0179	-2.5 to 2.5	Pass
					3.85	-23.990	-0.0127	-2.5 to 2.5	Pass
					4.43	-30.599	-0.0163	-2.5 to 2.5	Pass
				-30	3.85	-26.307	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	19.012	0.0101	-2.5 to 2.5	Pass
				-10	3.85	1.774	0.0009	-2.5 to 2.5	Pass
				0	3.85	-24.605	-0.0131	-2.5 to 2.5	Pass
				10	3.85	-24.834	-0.0132	-2.5 to 2.5	Pass
				30	3.85	5.665	0.0030	-2.5 to 2.5	Pass
				40	3.85	-11.644	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-13.018	-0.0069	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	-14.391	-0.0075	-2.5 to 2.5	Pass
					3.85	-16.909	-0.0089	-2.5 to 2.5	Pass
					4.43	-27.823	-0.0146	-2.5 to 2.5	Pass
				-30	3.85	33.946	0.0178	-2.5 to 2.5	Pass
				-20	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	2.761	0.0014	-2.5 to 2.5	Pass
				0	3.85	33.789	0.0177	-2.5 to 2.5	Pass
				10	3.85	37.537	0.0197	-2.5 to 2.5	Pass
				30	3.85	39.725	0.0208	-2.5 to 2.5	Pass
				40	3.85	34.590	0.0181	-2.5 to 2.5	Pass
				50	3.85	9.842	0.0052	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	5.822	0.0031	-2.5 to 2.5	Pass
					3.85	13.504	0.0073	-2.5 to 2.5	Pass
					4.43	29.111	0.0157	-2.5 to 2.5	Pass
				-30	3.85	36.063	0.0194	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.073	0.0006	-2.5 to 2.5	Pass
				0	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-17.381	-0.0094	-2.5 to 2.5	Pass
				30	3.85	12.417	0.0067	-2.5 to 2.5	Pass
				40	3.85	30.499	0.0164	-2.5 to 2.5	Pass
				50	3.85	9.055	0.0049	-2.5 to 2.5	Pass
	1882.5	50	0	20	3.27	-5.035	-0.0027	-2.5 to 2.5	Pass
					3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
					4.43	28.453	0.0151	-2.5 to 2.5	Pass

				-30	3.85	21.472	0.0114	-2.5 to 2.5	Pass
				-20	3.85	11.101	0.0059	-2.5 to 2.5	Pass
				-10	3.85	31.729	0.0169	-2.5 to 2.5	Pass
				0	3.85	19.326	0.0103	-2.5 to 2.5	Pass
				10	3.85	31.486	0.0167	-2.5 to 2.5	Pass
				30	3.85	43.802	0.0233	-2.5 to 2.5	Pass
				40	3.85	39.153	0.0208	-2.5 to 2.5	Pass
				50	3.85	8.039	0.0043	-2.5 to 2.5	Pass
	1910	50	0	20	3.27	32.573	0.0171	-2.5 to 2.5	Pass
					3.85	26.522	0.0139	-2.5 to 2.5	Pass
					4.43	-4.063	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	27.251	0.0143	-2.5 to 2.5	Pass
				-20	3.85	6.523	0.0034	-2.5 to 2.5	Pass
				-10	3.85	25.249	0.0132	-2.5 to 2.5	Pass
				0	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass
				10	3.85	7.496	0.0039	-2.5 to 2.5	Pass
				30	3.85	29.769	0.0156	-2.5 to 2.5	Pass
				40	3.85	5.136	0.0027	-2.5 to 2.5	Pass
				50	3.85	25.535	0.0134	-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	-36.507	-0.0197	-2.5 to 2.5	Pass
					3.85	-29.240	-0.0157	-2.5 to 2.5	Pass
					4.43	-26.793	-0.0144	-2.5 to 2.5	Pass
				-30	3.85	-41.313	-0.0222	-2.5 to 2.5	Pass
				-20	3.85	-22.130	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	-34.919	-0.0188	-2.5 to 2.5	Pass
				0	3.85	-32.430	-0.0175	-2.5 to 2.5	Pass
				10	3.85	-18.625	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-17.295	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-25.864	-0.0139	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-17.924	-0.0095	-2.5 to 2.5	Pass
					3.85	-37.007	-0.0197	-2.5 to 2.5	Pass
					4.43	-22.373	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-24.061	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				-10	3.85	-33.731	-0.0179	-2.5 to 2.5	Pass
				0	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-24.562	-0.0130	-2.5 to 2.5	Pass
				30	3.85	37.951	0.0202	-2.5 to 2.5	Pass
				40	3.85	33.360	0.0177	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	16.494	0.0086	-2.5 to 2.5	Pass
					3.85	-44.775	-0.0235	-2.5 to 2.5	Pass
					4.43	-29.283	-0.0154	-2.5 to 2.5	Pass
				-30	3.85	-28.625	-0.0150	-2.5 to 2.5	Pass
				-20	3.85	-11.916	-0.0062	-2.5 to 2.5	Pass
				-10	3.85	-22.159	-0.0116	-2.5 to 2.5	Pass
				0	3.85	-36.378	-0.0191	-2.5 to 2.5	Pass
				10	3.85	-43.545	-0.0228	-2.5 to 2.5	Pass
				30	3.85	-13.819	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-15.392	-0.0081	-2.5 to 2.5	Pass

16QAM	1857.5	75	0	50	3.85	-18.110	-0.0095	-2.5 to 2.5	Pass
				20	3.27	29.640	0.0160	-2.5 to 2.5	Pass
					3.85	31.986	0.0172	-2.5 to 2.5	Pass
					4.43	-5.393	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-8.311	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	14.706	0.0079	-2.5 to 2.5	Pass
				-10	3.85	21.815	0.0117	-2.5 to 2.5	Pass
				0	3.85	8.898	0.0048	-2.5 to 2.5	Pass
				10	3.85	25.392	0.0137	-2.5 to 2.5	Pass
				30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
	1882.5	75	0	40	3.85	38.610	0.0208	-2.5 to 2.5	Pass
				50	3.85	7.796	0.0042	-2.5 to 2.5	Pass
				20	3.27	34.018	0.0181	-2.5 to 2.5	Pass
					3.85	6.180	0.0033	-2.5 to 2.5	Pass
					4.43	6.723	0.0036	-2.5 to 2.5	Pass
				-30	3.85	35.419	0.0188	-2.5 to 2.5	Pass
				-20	3.85	8.354	0.0044	-2.5 to 2.5	Pass
				-10	3.85	33.846	0.0180	-2.5 to 2.5	Pass
				0	3.85	23.303	0.0124	-2.5 to 2.5	Pass
				10	3.85	17.681	0.0094	-2.5 to 2.5	Pass
	1907.5	75	0	30	3.85	-20.800	-0.0110	-2.5 to 2.5	Pass
				40	3.85	10.328	0.0055	-2.5 to 2.5	Pass
				50	3.85	27.781	0.0148	-2.5 to 2.5	Pass
				20	3.27	-10.142	-0.0053	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0049	-2.5 to 2.5	Pass
					4.43	14.620	0.0077	-2.5 to 2.5	Pass
				-30	3.85	48.022	0.0252	-2.5 to 2.5	Pass
				-20	3.85	25.463	0.0133	-2.5 to 2.5	Pass
				-10	3.85	44.718	0.0234	-2.5 to 2.5	Pass
				0	3.85	12.817	0.0067	-2.5 to 2.5	Pass
				10	3.85	29.955	0.0157	-2.5 to 2.5	Pass
				30	3.85	45.247	0.0237	-2.5 to 2.5	Pass
				40	3.85	50.139	0.0263	-2.5 to 2.5	Pass
				50	3.85	16.794	0.0088	-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	-26.507	-0.0143	-2.5 to 2.5	Pass
					3.85	-29.583	-0.0159	-2.5 to 2.5	Pass
					4.43	-30.112	-0.0162	-2.5 to 2.5	Pass
				-30	3.85	-31.457	-0.0169	-2.5 to 2.5	Pass
				-20	3.85	-29.812	-0.0160	-2.5 to 2.5	Pass
				-10	3.85	1.645	0.0009	-2.5 to 2.5	Pass
				0	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
				10	3.85	30.212	0.0162	-2.5 to 2.5	Pass
				30	3.85	40.369	0.0217	-2.5 to 2.5	Pass
				40	3.85	37.136	0.0200	-2.5 to 2.5	Pass
	1882.5	100	0	50	3.85	6.480	0.0035	-2.5 to 2.5	Pass
				20	3.27	14.977	0.0080	-2.5 to 2.5	Pass
					3.85	-27.123	-0.0144	-2.5 to 2.5	Pass
					4.43	-35.148	-0.0187	-2.5 to 2.5	Pass
				-30	3.85	-12.746	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-42.987	-0.0228	-2.5 to 2.5	Pass
				-10	3.85	-20.585	-0.0109	-2.5 to 2.5	Pass

				0	3.85	-26.464	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-42.200	-0.0224	-2.5 to 2.5	Pass
				30	3.85	-14.634	-0.0078	-2.5 to 2.5	Pass
				40	3.85	13.118	0.0070	-2.5 to 2.5	Pass
				50	3.85	-8.898	-0.0047	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-14.334	-0.0075	-2.5 to 2.5	Pass
					3.85	-40.212	-0.0211	-2.5 to 2.5	Pass
					4.43	-31.557	-0.0166	-2.5 to 2.5	Pass
				-30	3.85	18.468	0.0097	-2.5 to 2.5	Pass
				-20	3.85	14.005	0.0074	-2.5 to 2.5	Pass
				-10	3.85	-11.930	-0.0063	-2.5 to 2.5	Pass
				0	3.85	12.989	0.0068	-2.5 to 2.5	Pass
				10	3.85	39.167	0.0206	-2.5 to 2.5	Pass
				30	3.85	47.407	0.0249	-2.5 to 2.5	Pass
				40	3.85	-1.388	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-13.418	-0.0070	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	33.860	0.0182	-2.5 to 2.5	Pass
					3.85	16.394	0.0088	-2.5 to 2.5	Pass
					4.43	23.289	0.0125	-2.5 to 2.5	Pass
				-30	3.85	43.688	0.0235	-2.5 to 2.5	Pass
				-20	3.85	7.968	0.0043	-2.5 to 2.5	Pass
				-10	3.85	21.815	0.0117	-2.5 to 2.5	Pass
				0	3.85	7.253	0.0039	-2.5 to 2.5	Pass
				10	3.85	-24.719	-0.0133	-2.5 to 2.5	Pass
				30	3.85	11.673	0.0063	-2.5 to 2.5	Pass
				40	3.85	30.456	0.0164	-2.5 to 2.5	Pass
				50	3.85	21.544	0.0116	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	10.142	0.0054	-2.5 to 2.5	Pass
					3.85	18.396	0.0098	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	35.362	0.0188	-2.5 to 2.5	Pass
				-20	3.85	26.464	0.0141	-2.5 to 2.5	Pass
				-10	3.85	2.847	0.0015	-2.5 to 2.5	Pass
				0	3.85	12.903	0.0069	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0009	-2.5 to 2.5	Pass
				30	3.85	27.223	0.0145	-2.5 to 2.5	Pass
				40	3.85	7.539	0.0040	-2.5 to 2.5	Pass
				50	3.85	33.288	0.0177	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	2.217	0.0012	-2.5 to 2.5	Pass
					3.85	42.400	0.0223	-2.5 to 2.5	Pass
					4.43	31.357	0.0165	-2.5 to 2.5	Pass
				-30	3.85	12.016	0.0063	-2.5 to 2.5	Pass
				-20	3.85	30.470	0.0160	-2.5 to 2.5	Pass
				-10	3.85	31.886	0.0167	-2.5 to 2.5	Pass
				0	3.85	-22.745	-0.0119	-2.5 to 2.5	Pass
				10	3.85	30.184	0.0158	-2.5 to 2.5	Pass
				30	3.85	27.366	0.0144	-2.5 to 2.5	Pass
				40	3.85	-28.553	-0.0150	-2.5 to 2.5	Pass
				50	3.85	34.933	0.0183	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B25_1.4MHz

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

3.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / 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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	50	0	Refer To Test Graph		Pass
16QAM	1882.5	50	0	Refer To Test Graph		Pass

3.1.5 B25_15MHz

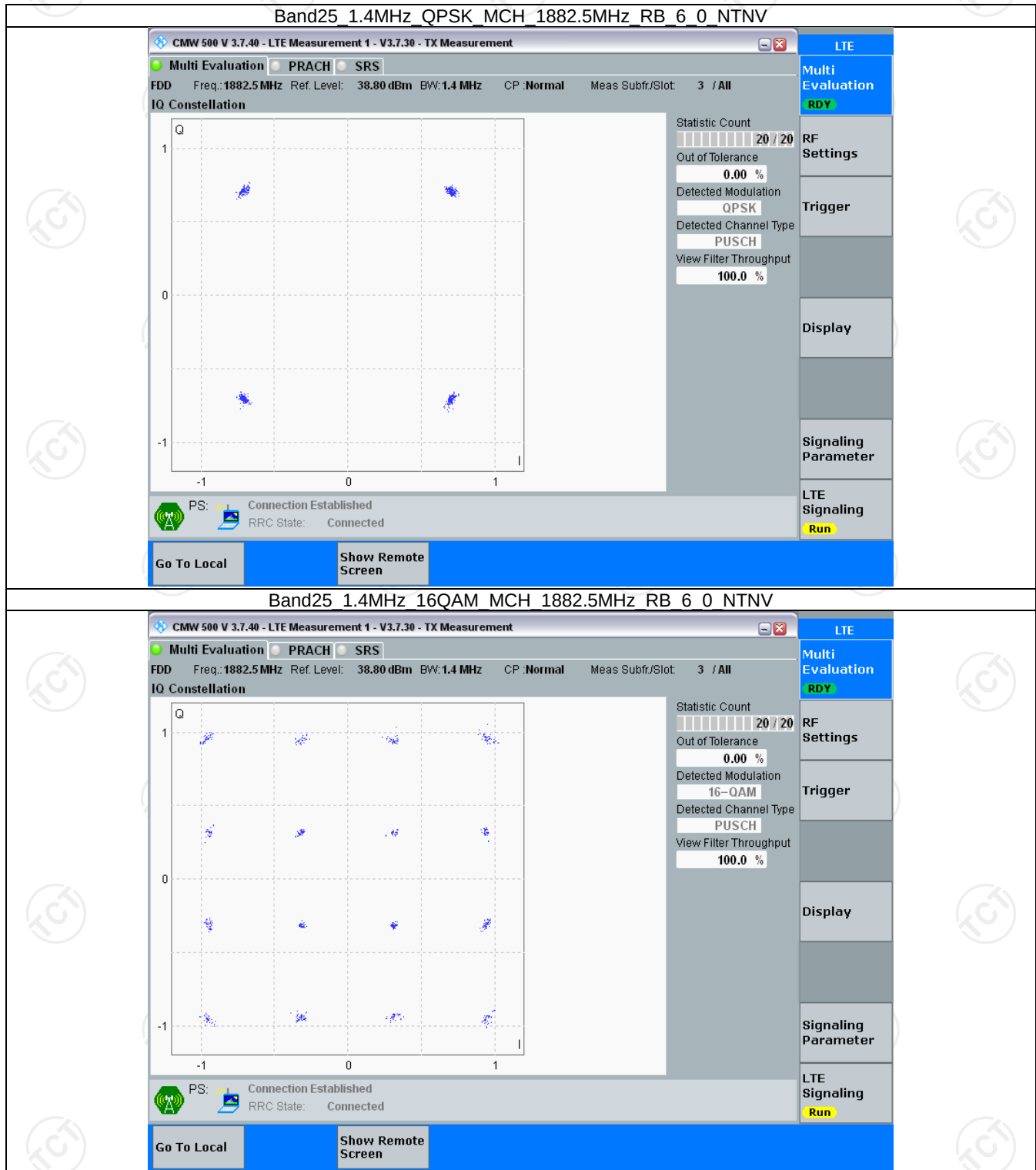
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	75	0	Refer To Test Graph		Pass
16QAM	1882.5	75	0	Refer To Test Graph		Pass

3.1.6 B25_20MHz

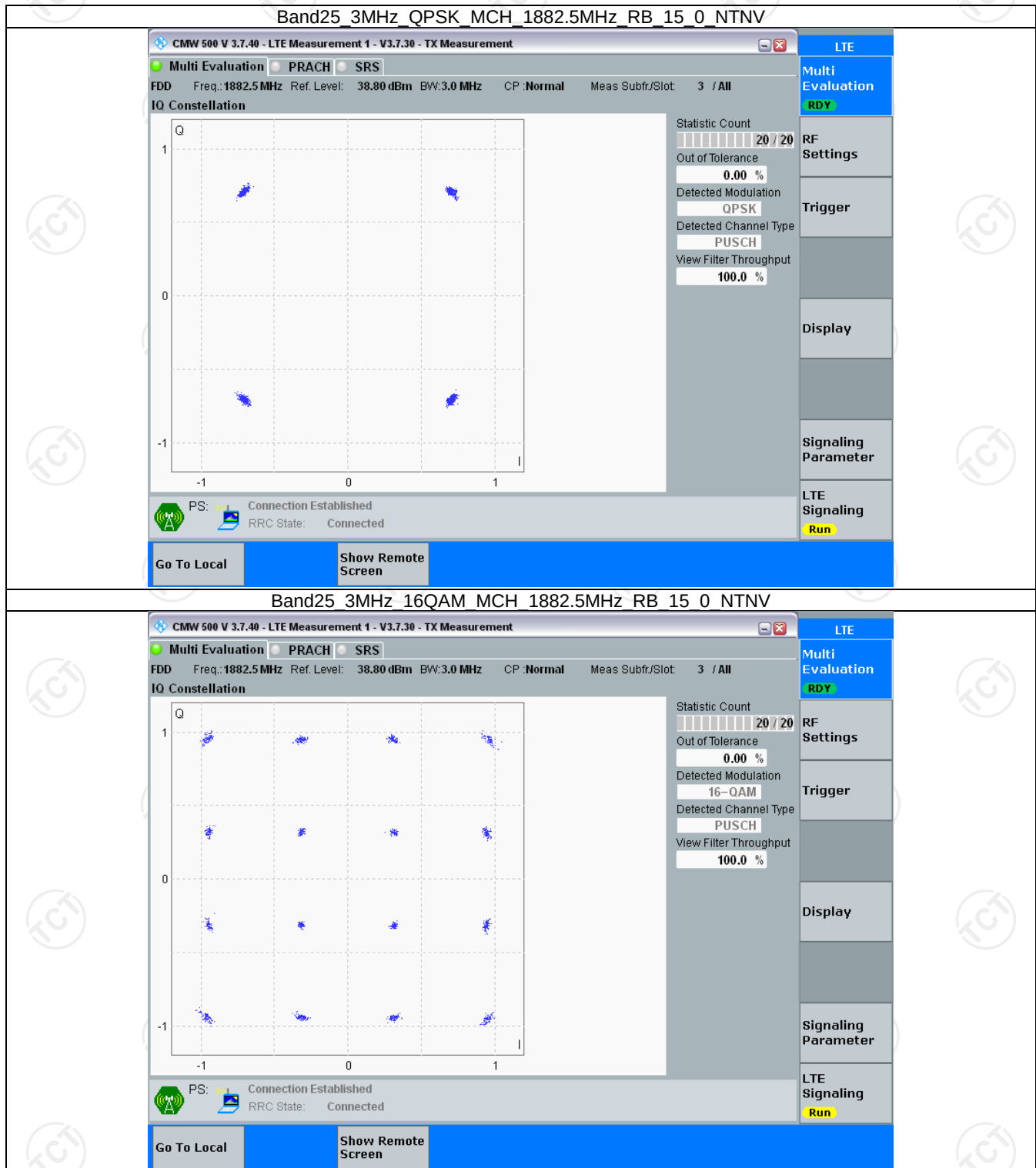
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1882.5	100	0	Refer To Test Graph		Pass
16QAM	1882.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

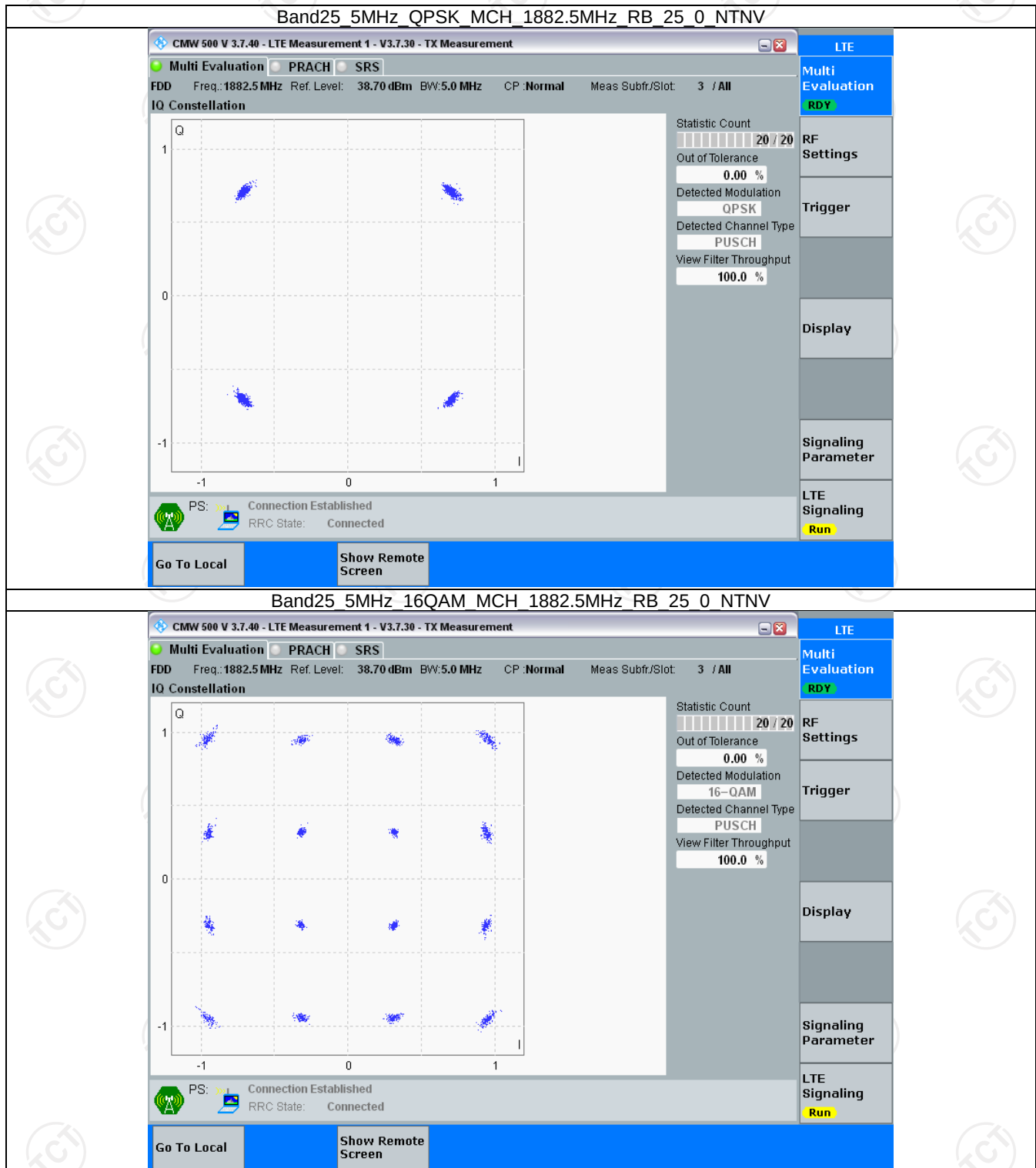
3.2.1 B25_1.4MHz



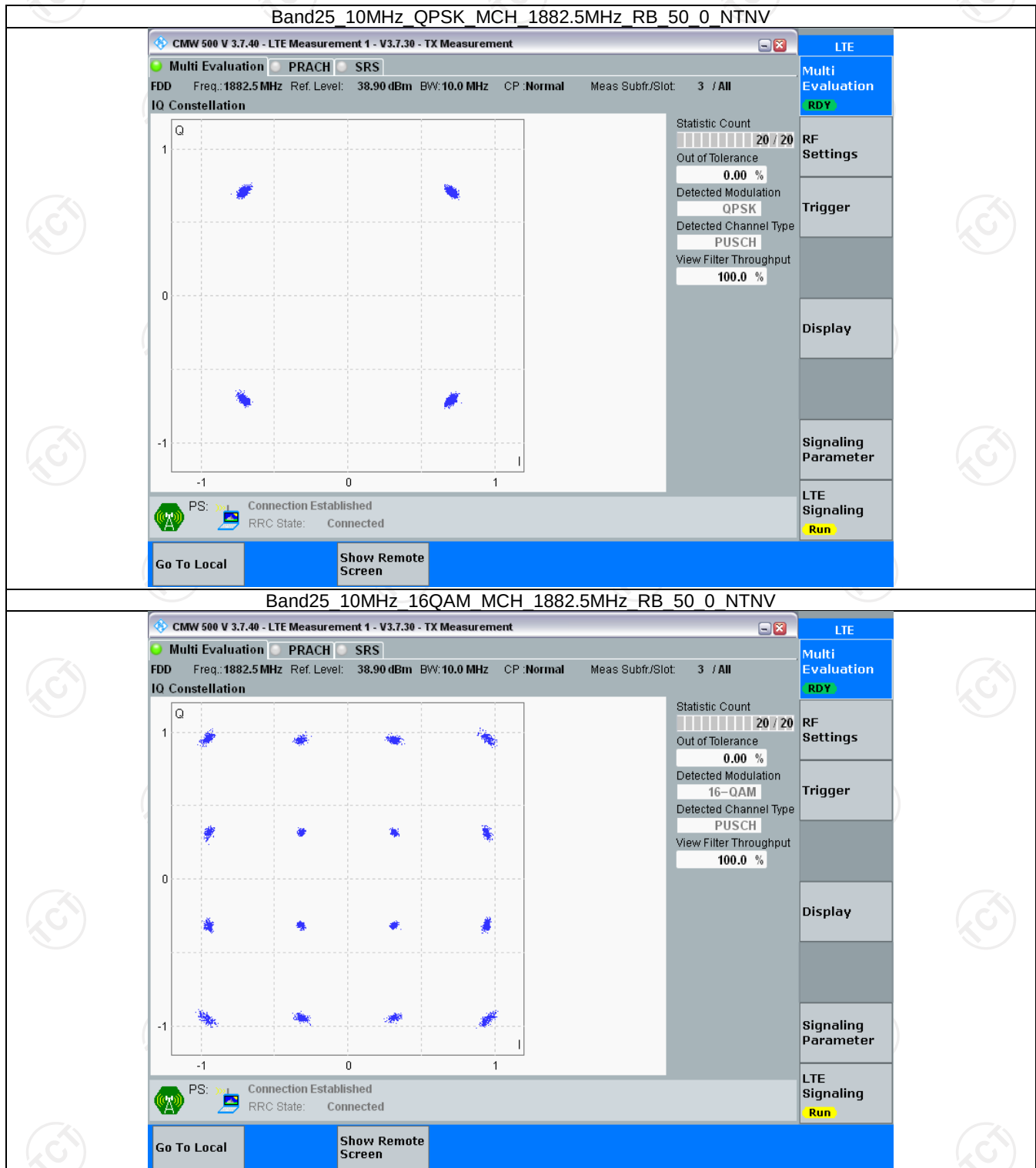
3.2.2 B25_3MHz



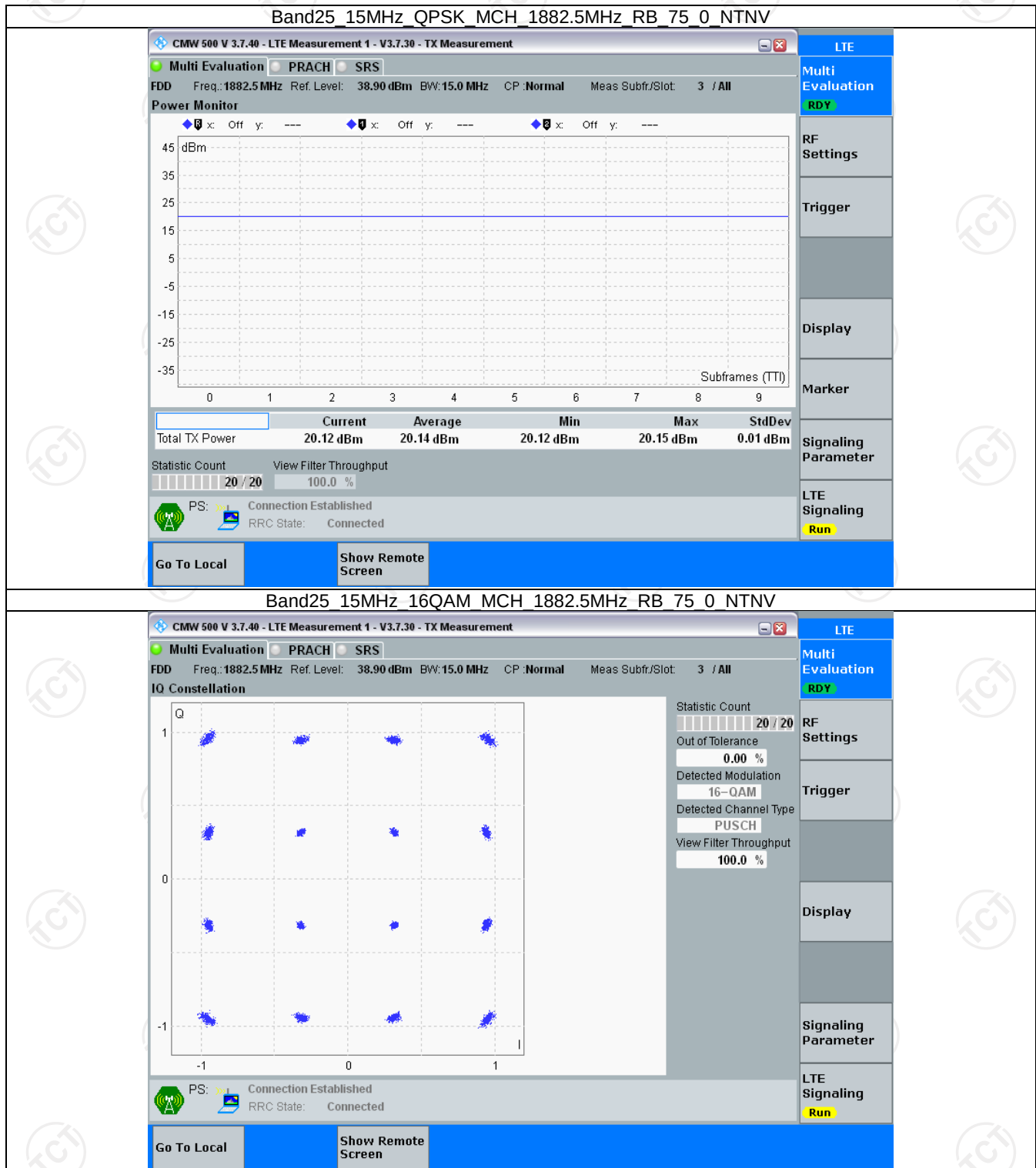
3.2.3 B25_5MHz



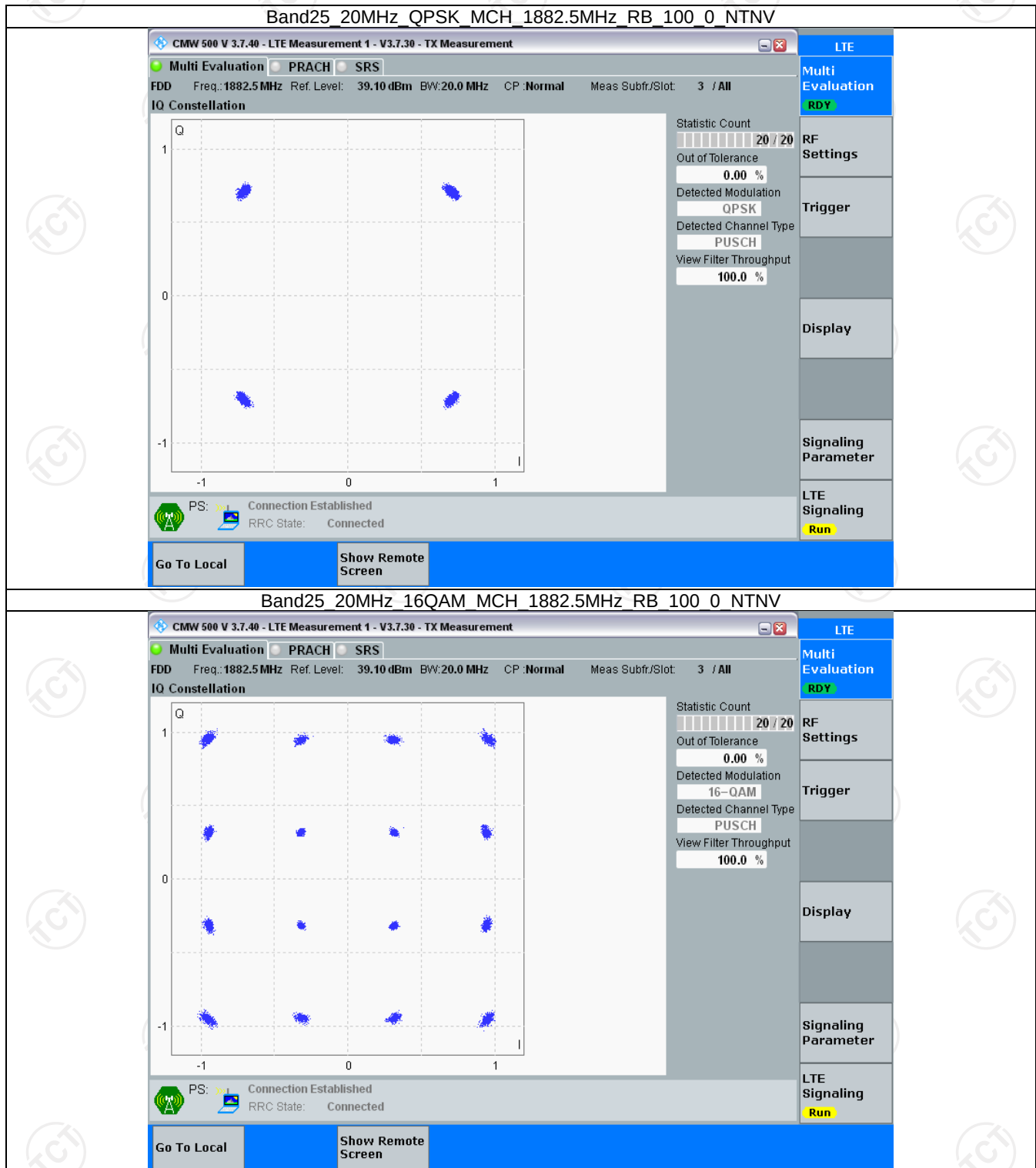
3.2.4 B25_10MHz



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	1.118	/	Pass
		1882.5	6	0	1.109	/	Pass
		1914.3	6	0	1.112	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1882.5	6	0	1.117	/	Pass
		1914.3	6	0	1.106	/	Pass
3	QPSK	1851.5	15	0	2.757	/	Pass
		1882.5	15	0	2.761	/	Pass
		1913.5	15	0	2.759	/	Pass
	16QAM	1851.5	15	0	2.772	/	Pass
		1882.5	15	0	2.742	/	Pass
		1913.5	15	0	2.747	/	Pass
5	QPSK	1852.5	25	0	4.540	/	Pass
		1882.5	25	0	4.550	/	Pass
		1912.5	25	0	4.543	/	Pass
	16QAM	1852.5	25	0	4.562	/	Pass
		1882.5	25	0	4.564	/	Pass
		1912.5	25	0	4.539	/	Pass
10	QPSK	1855	50	0	9.049	/	Pass
		1882.5	50	0	9.034	/	Pass
		1910	50	0	9.008	/	Pass
	16QAM	1855	50	0	9.033	/	Pass
		1882.5	50	0	9.054	/	Pass
		1910	50	0	9.028	/	Pass
15	QPSK	1857.5	75	0	13.588	/	Pass
		1882.5	75	0	13.567	/	Pass
		1907.5	75	0	13.573	/	Pass
	16QAM	1857.5	75	0	13.556	/	Pass
		1882.5	75	0	13.615	/	Pass
		1907.5	75	0	13.545	/	Pass
20	QPSK	1860	100	0	18.124	/	Pass
		1882.5	100	0	18.117	/	Pass
		1905	100	0	18.091	/	Pass
	16QAM	1860	100	0	18.064	/	Pass
		1882.5	100	0	18.104	/	Pass
		1905	100	0	18.234	/	Pass

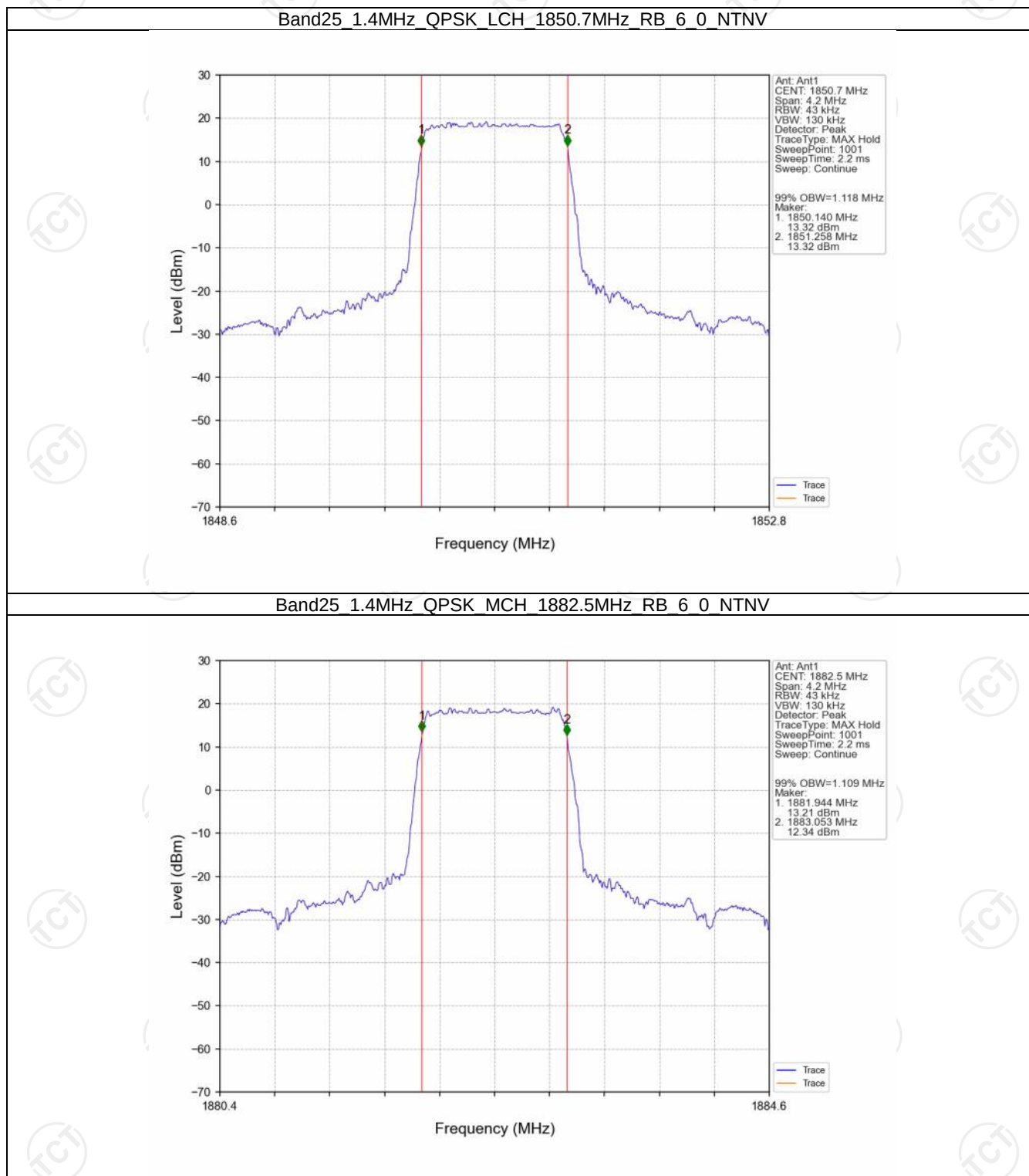
4.1.2 Band25_XDB

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	1.285	/	Pass
		1882.5	6	0	1.275	/	Pass
		1914.3	6	0	1.279	/	Pass

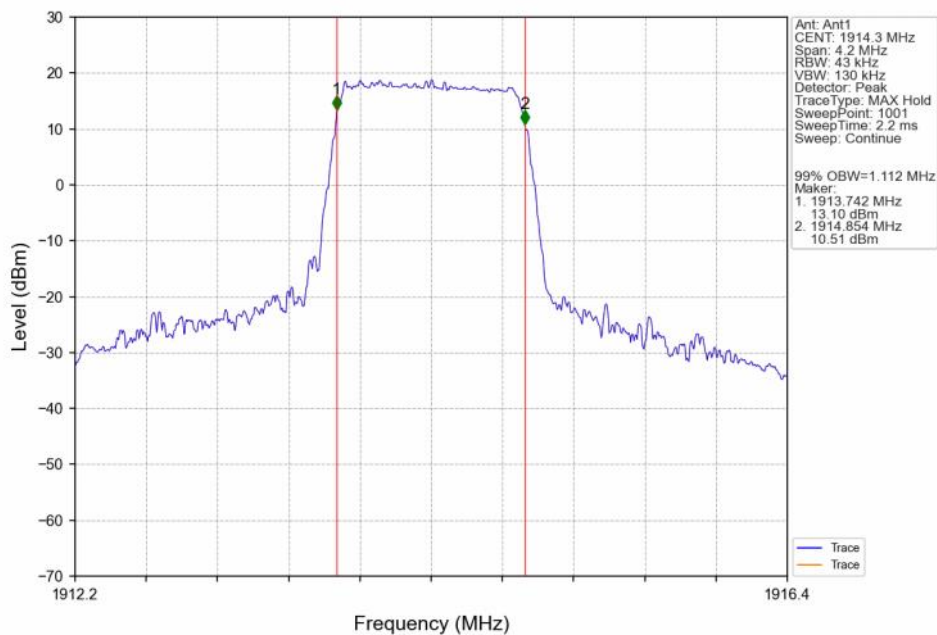
	16QAM	1850.7	6	0	1.275	/	Pass
		1882.5	6	0	1.280	/	Pass
		1914.3	6	0	1.266	/	Pass
3	QPSK	1851.5	15	0	3.099	/	Pass
		1882.5	15	0	3.111	/	Pass
		1913.5	15	0	3.094	/	Pass
	16QAM	1851.5	15	0	3.116	/	Pass
		1882.5	15	0	3.083	/	Pass
		1913.5	15	0	3.086	/	Pass
5	QPSK	1852.5	25	0	5.048	/	Pass
		1882.5	25	0	5.065	/	Pass
		1912.5	25	0	5.039	/	Pass
	16QAM	1852.5	25	0	5.058	/	Pass
		1882.5	25	0	5.112	/	Pass
		1912.5	25	0	5.060	/	Pass
10	QPSK	1855	50	0	9.975	/	Pass
		1882.5	50	0	10.035	/	Pass
		1910	50	0	9.988	/	Pass
	16QAM	1855	50	0	10.057	/	Pass
		1882.5	50	0	10.023	/	Pass
		1910	50	0	10.026	/	Pass
15	QPSK	1857.5	75	0	15.158	/	Pass
		1882.5	75	0	15.109	/	Pass
		1907.5	75	0	15.117	/	Pass
	16QAM	1857.5	75	0	15.021	/	Pass
		1882.5	75	0	15.089	/	Pass
		1907.5	75	0	14.976	/	Pass
20	QPSK	1860	100	0	19.912	/	Pass
		1882.5	100	0	19.978	/	Pass
		1905	100	0	19.991	/	Pass
	16QAM	1860	100	0	19.983	/	Pass
		1882.5	100	0	20.102	/	Pass
		1905	100	0	20.098	/	Pass

4.2 Test Graph

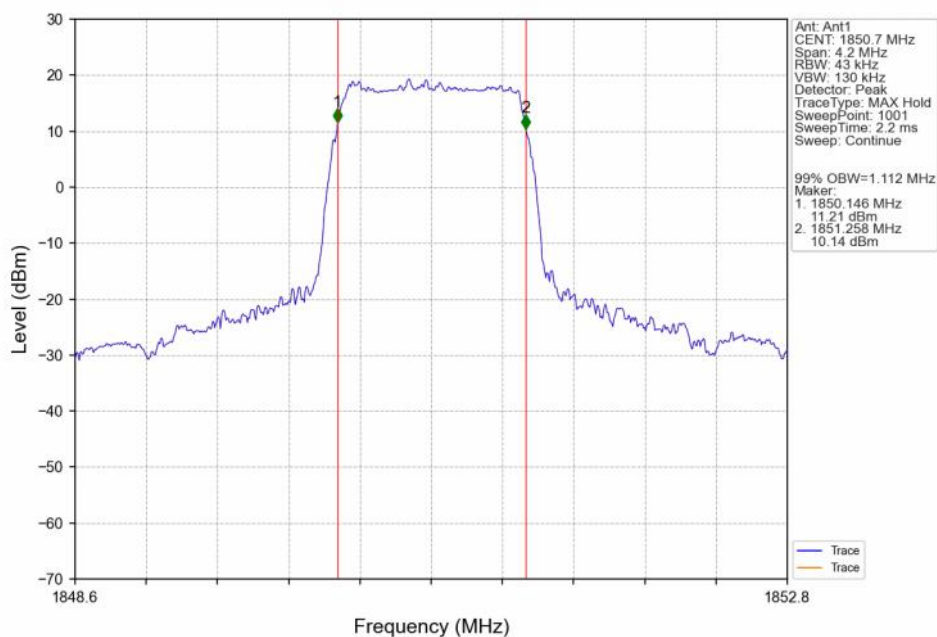
4.2.1 Band25_OBW



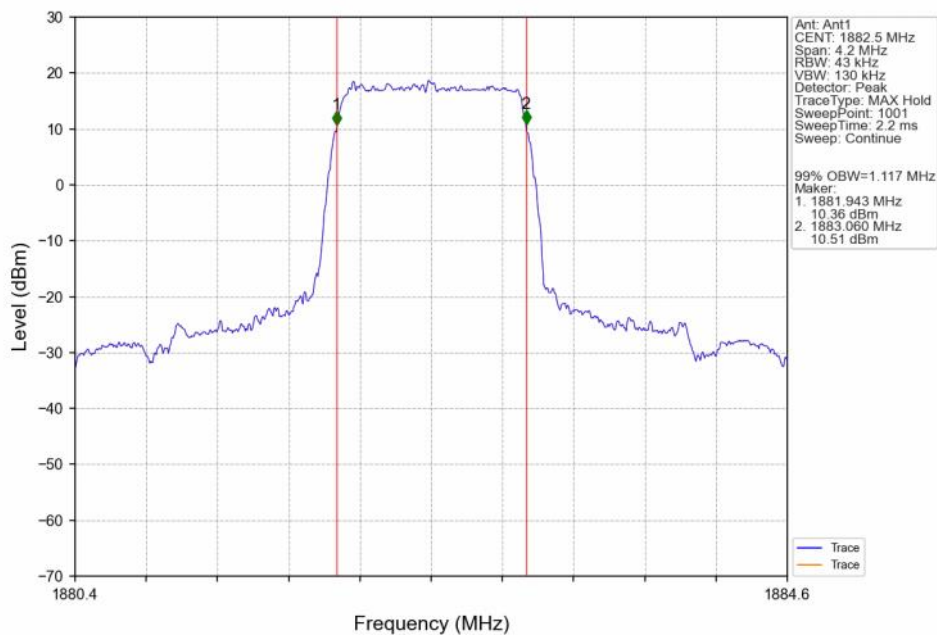
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



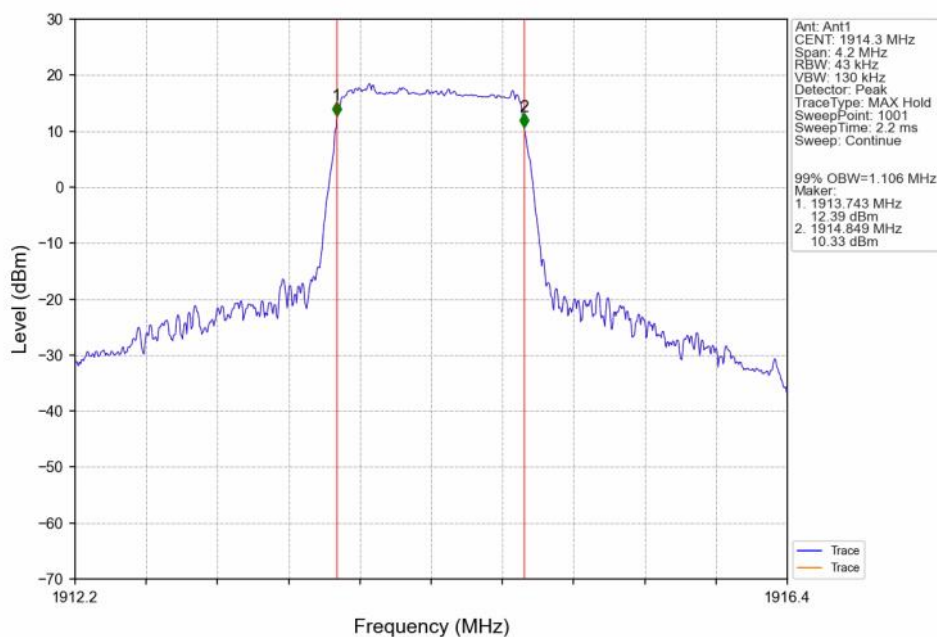
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



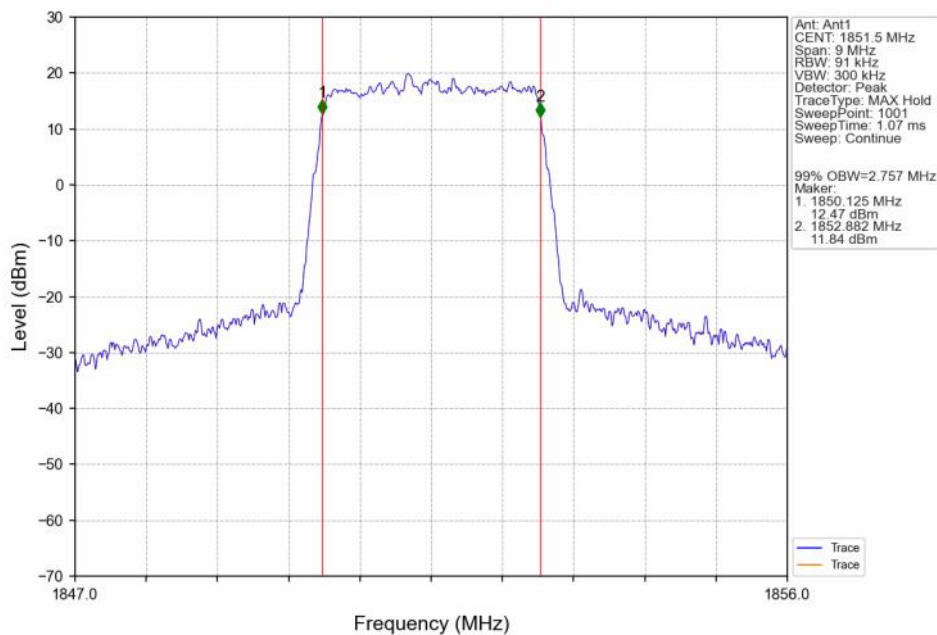
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



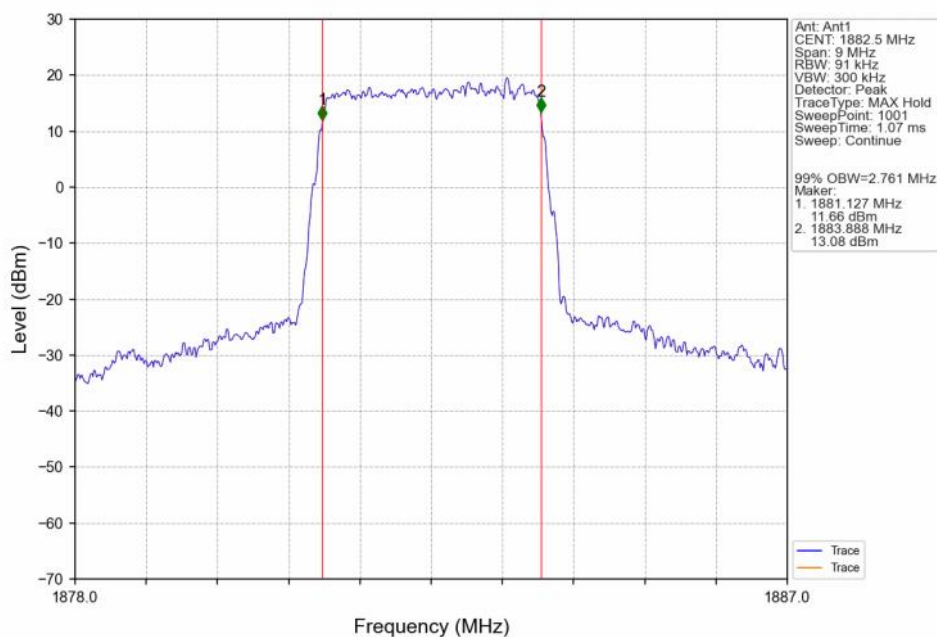
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



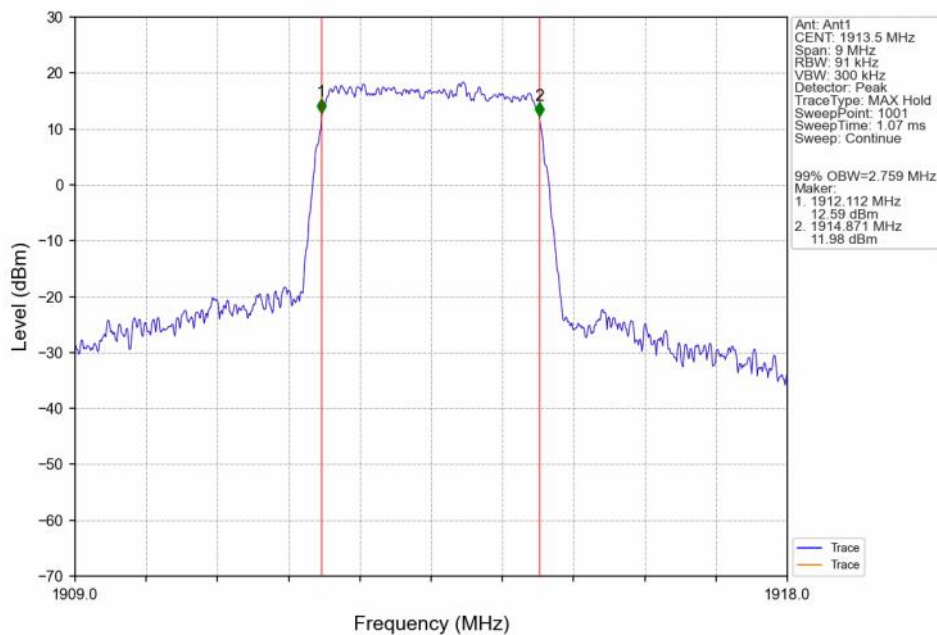
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



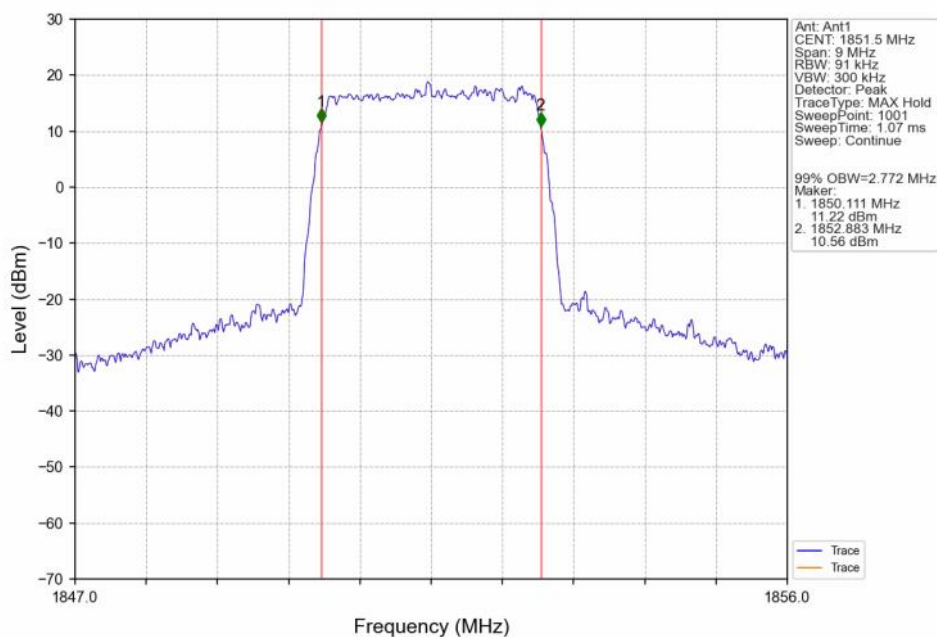
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTNV



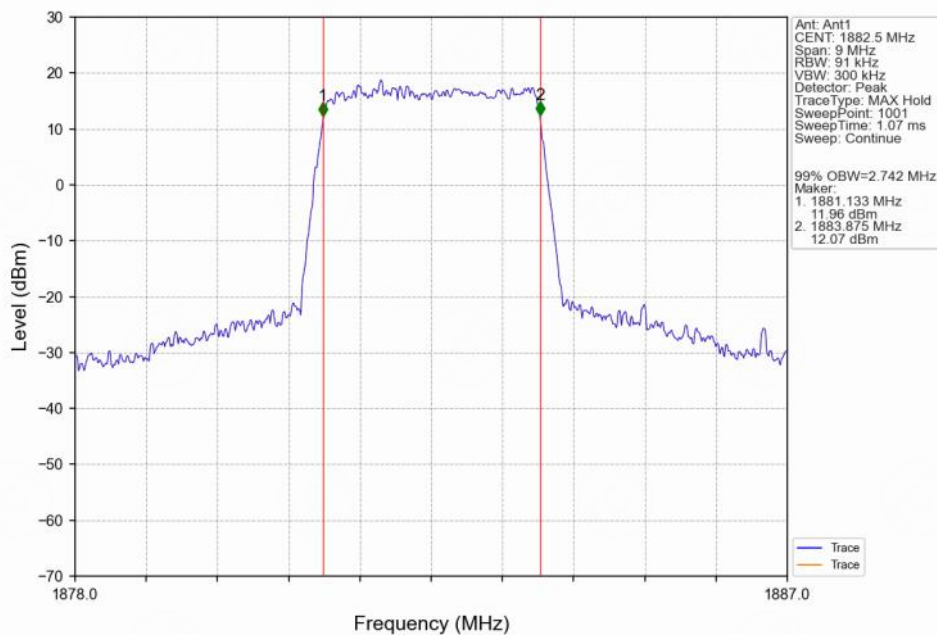
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



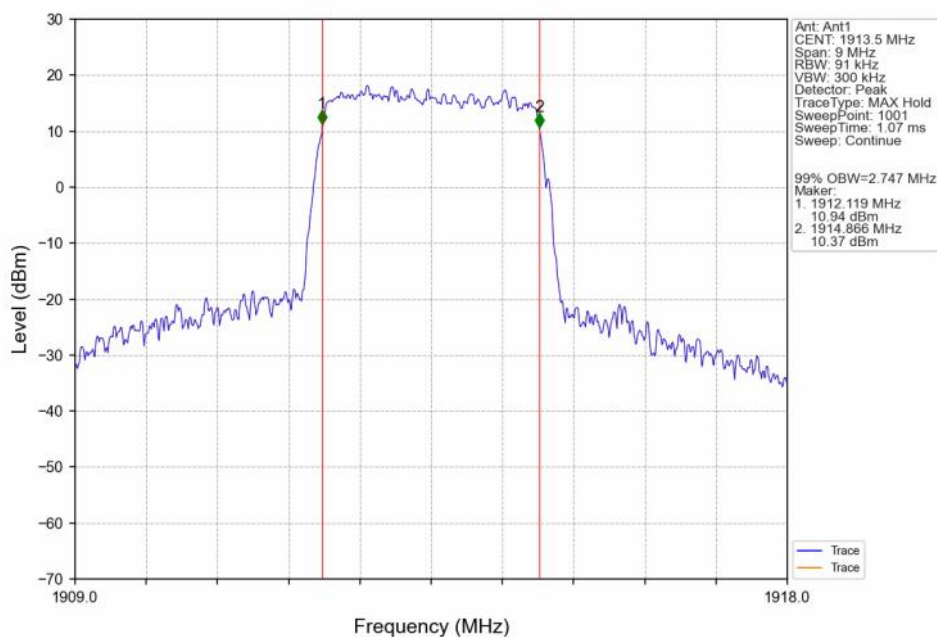
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



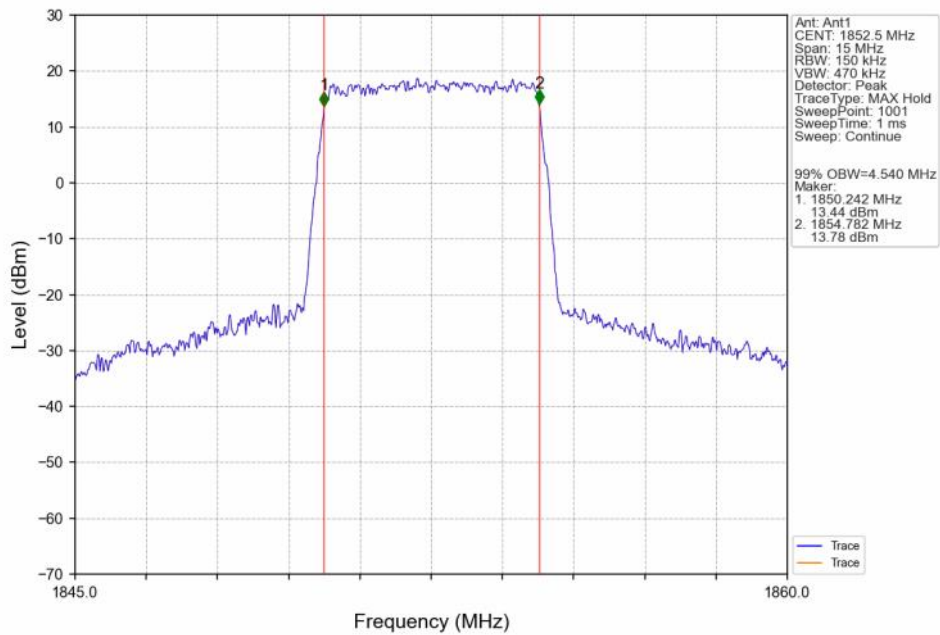
Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTN



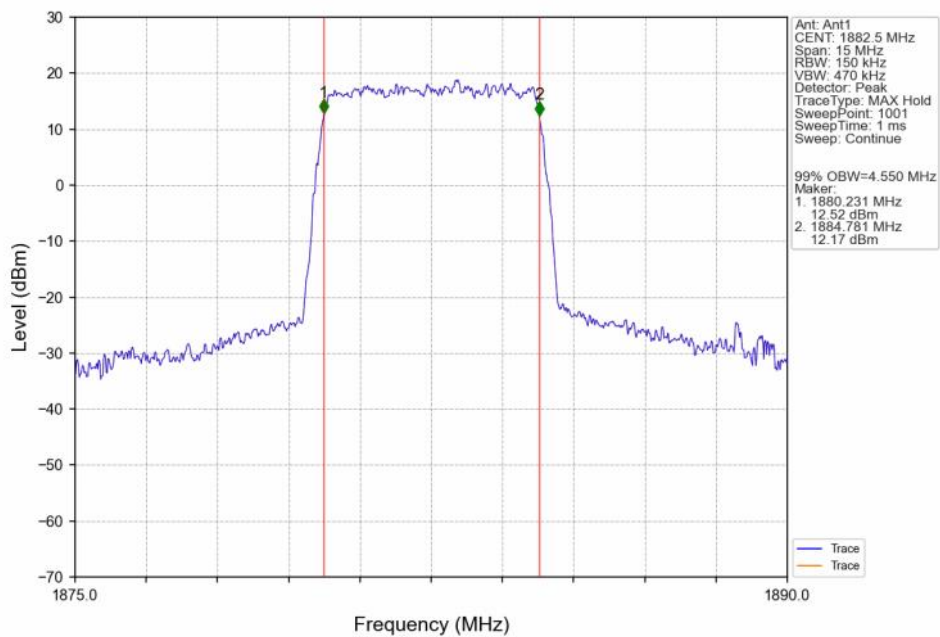
Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTN



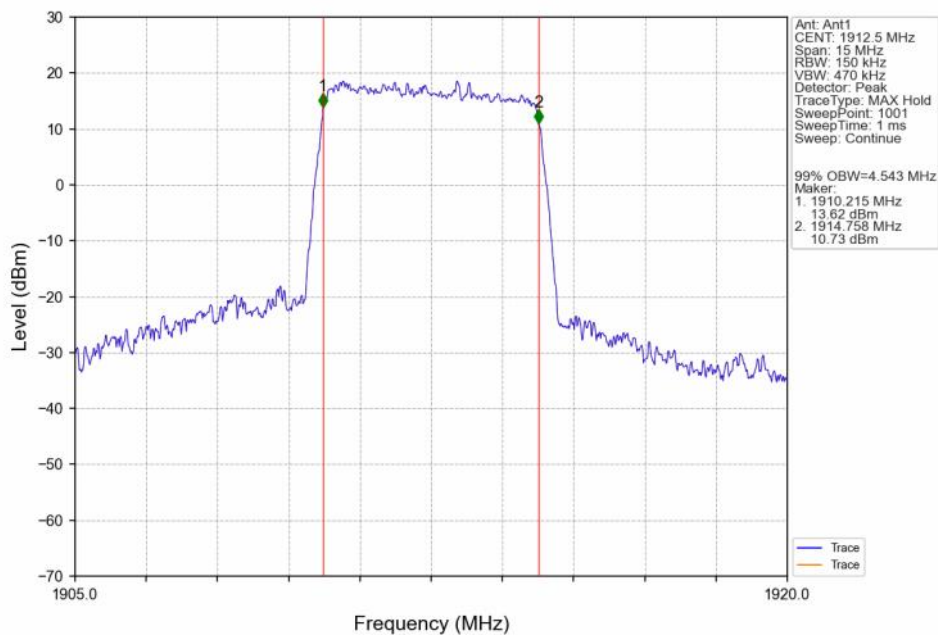
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



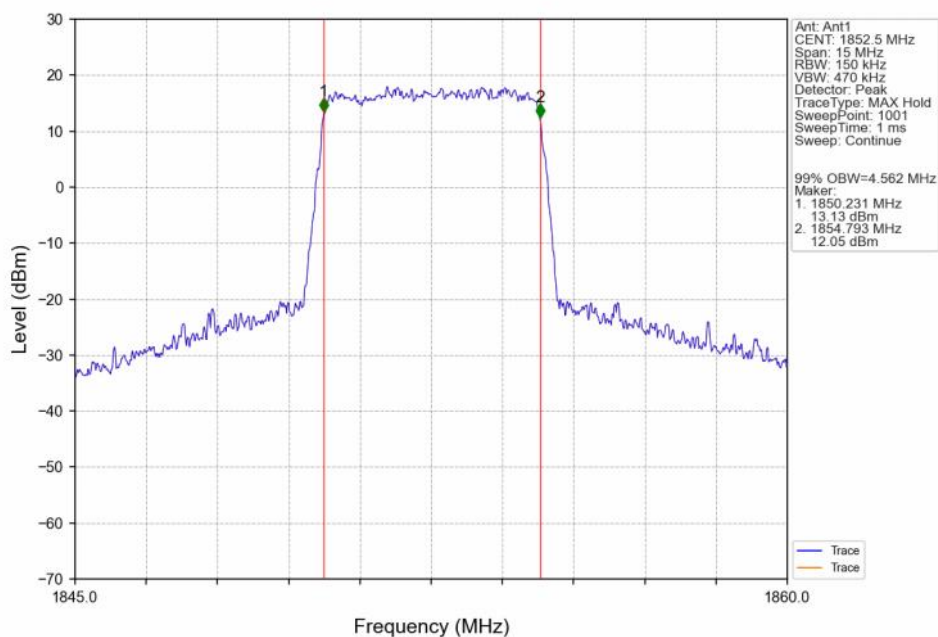
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



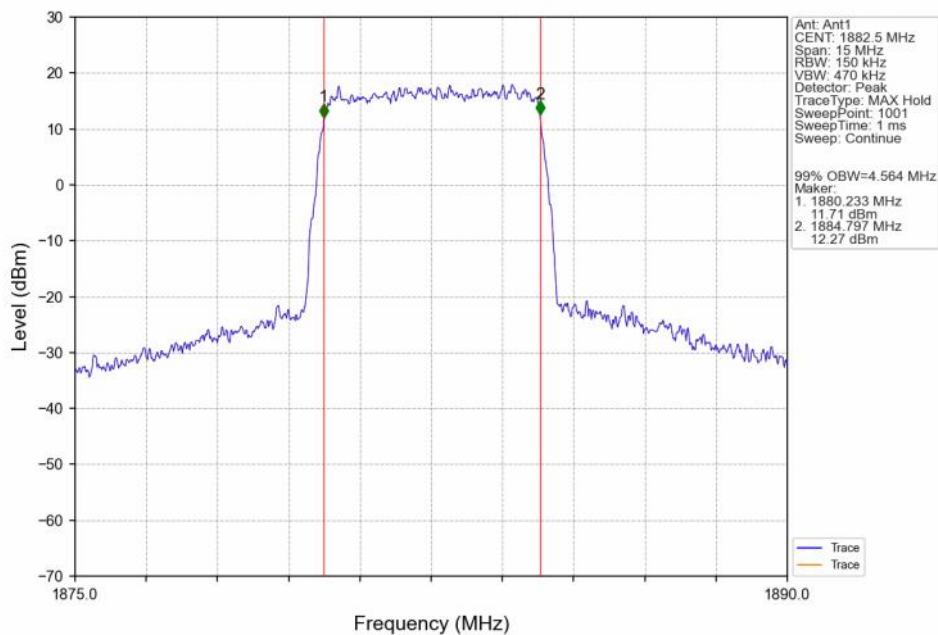
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



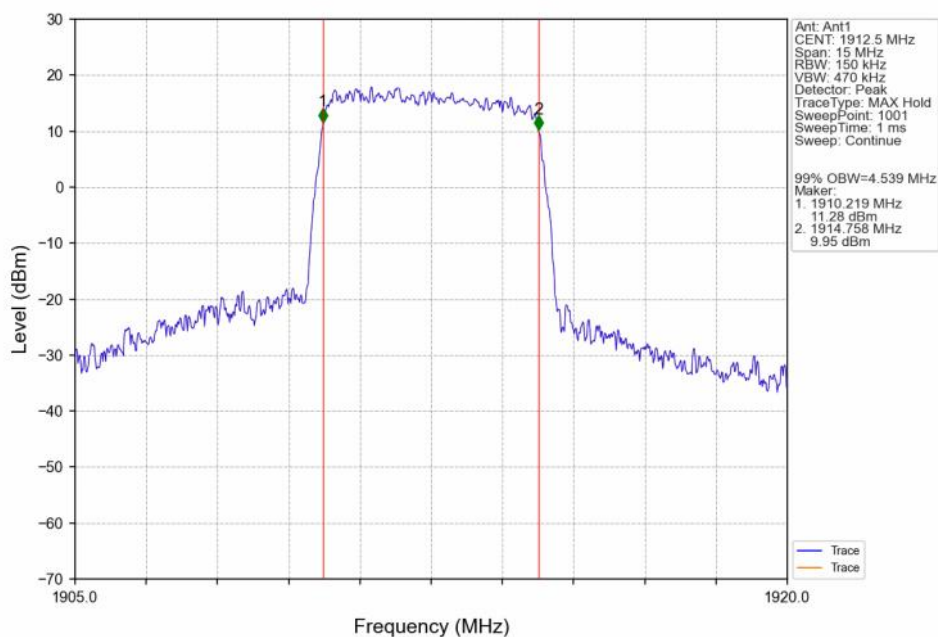
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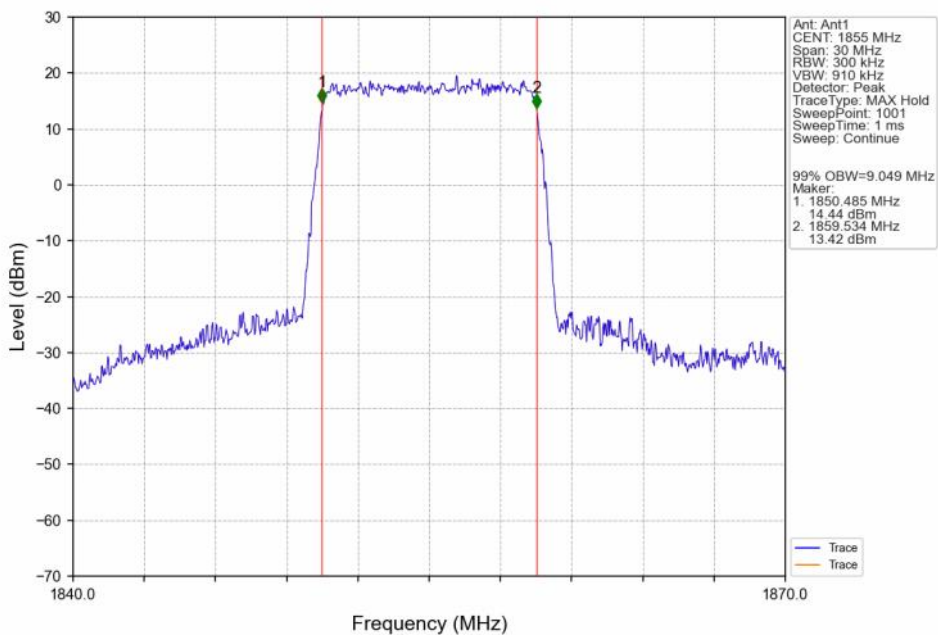
Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTNV



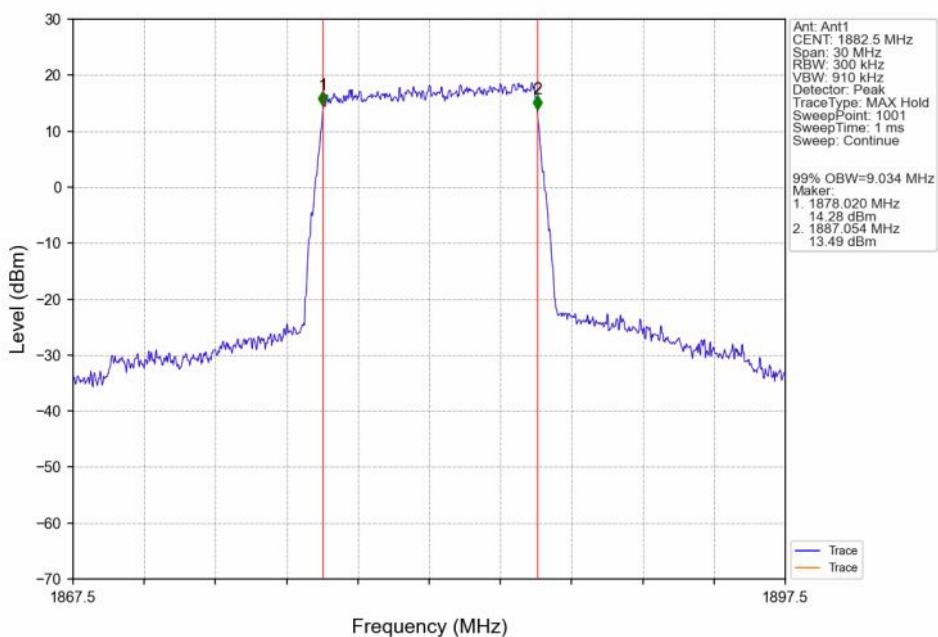
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV



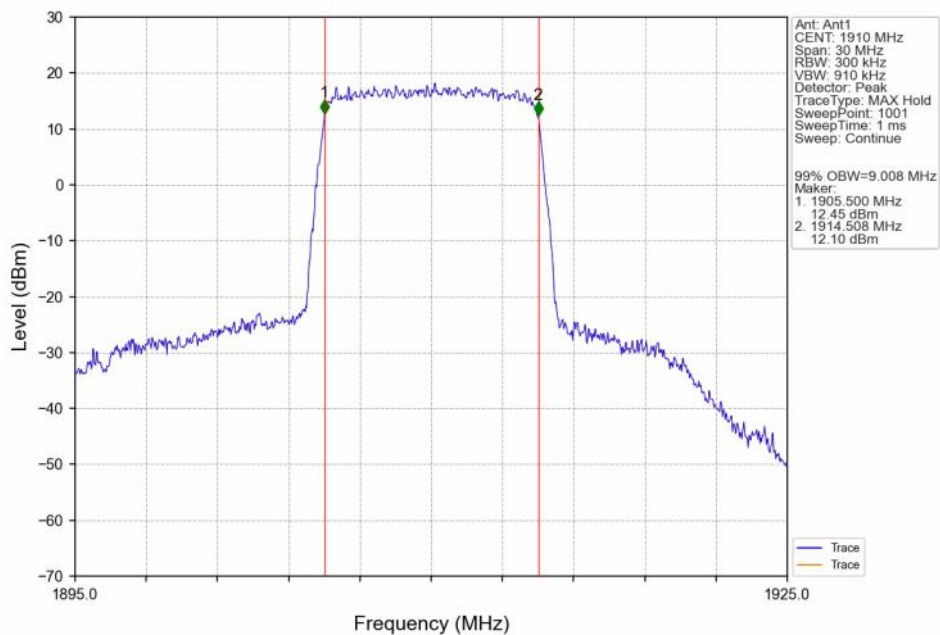
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



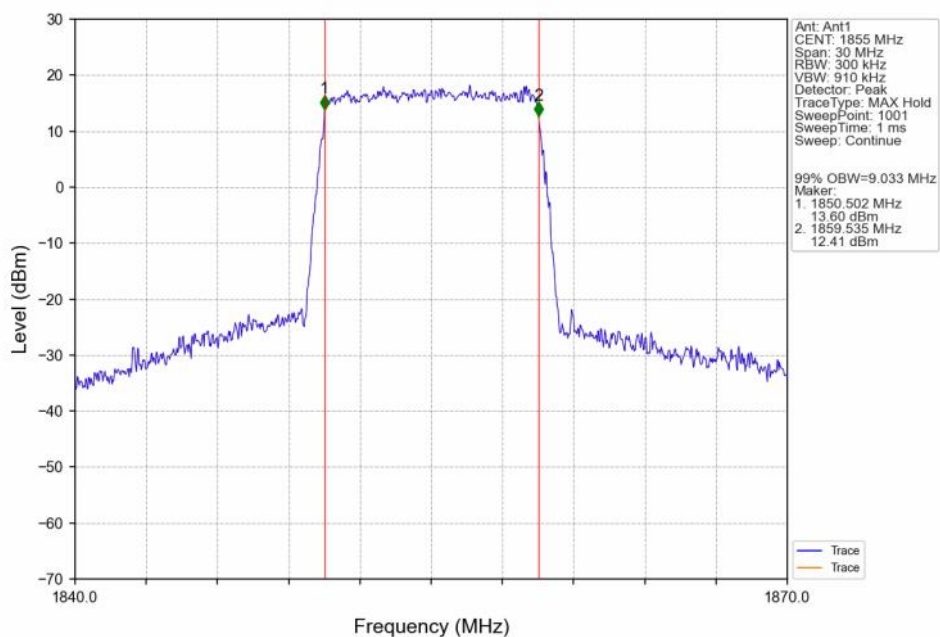
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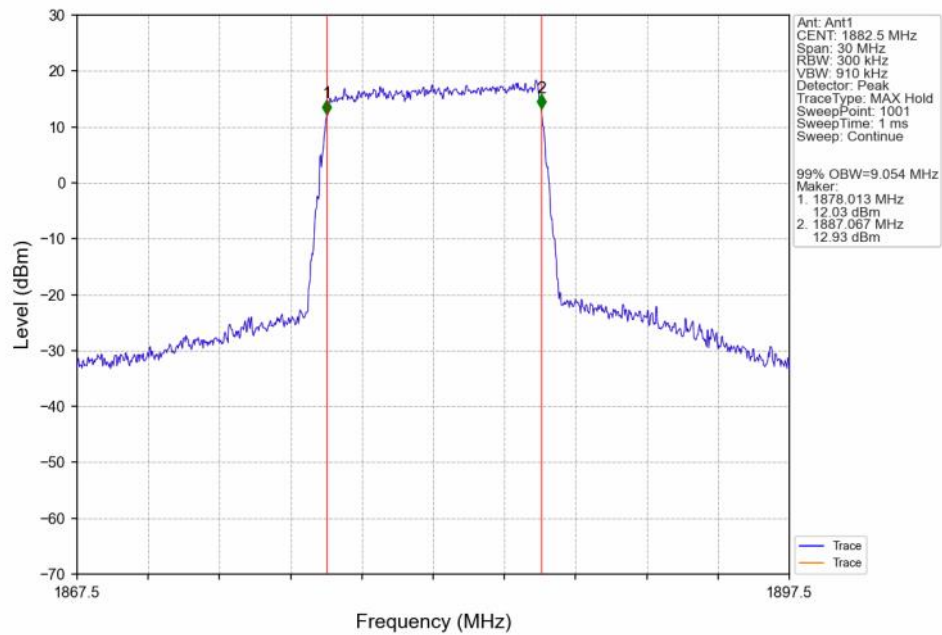
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV



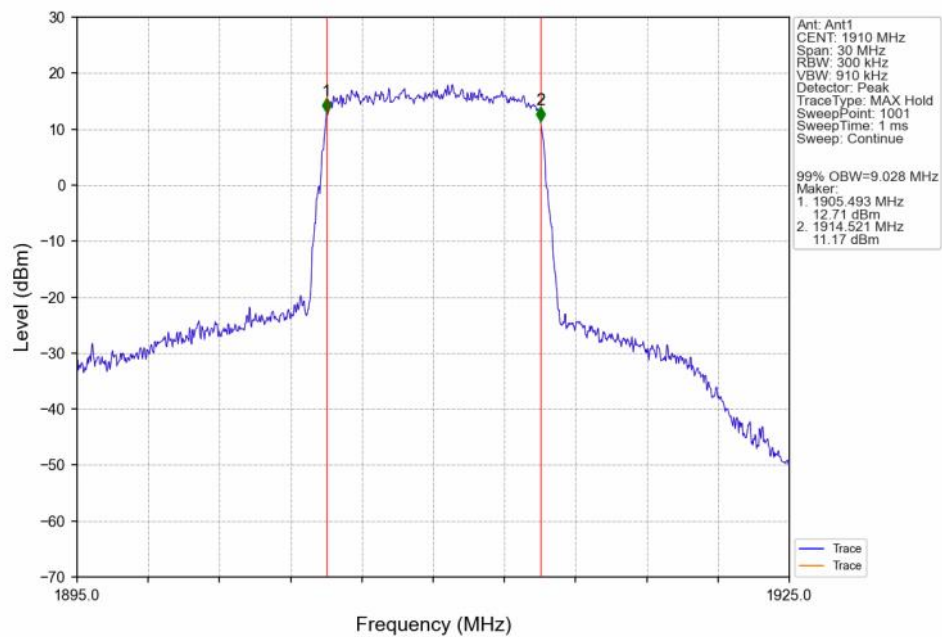
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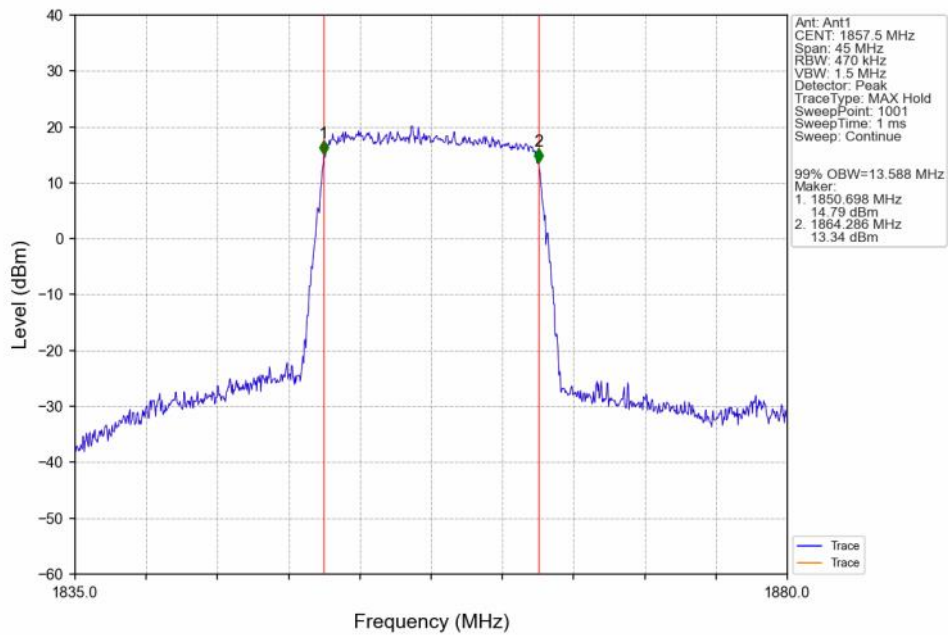
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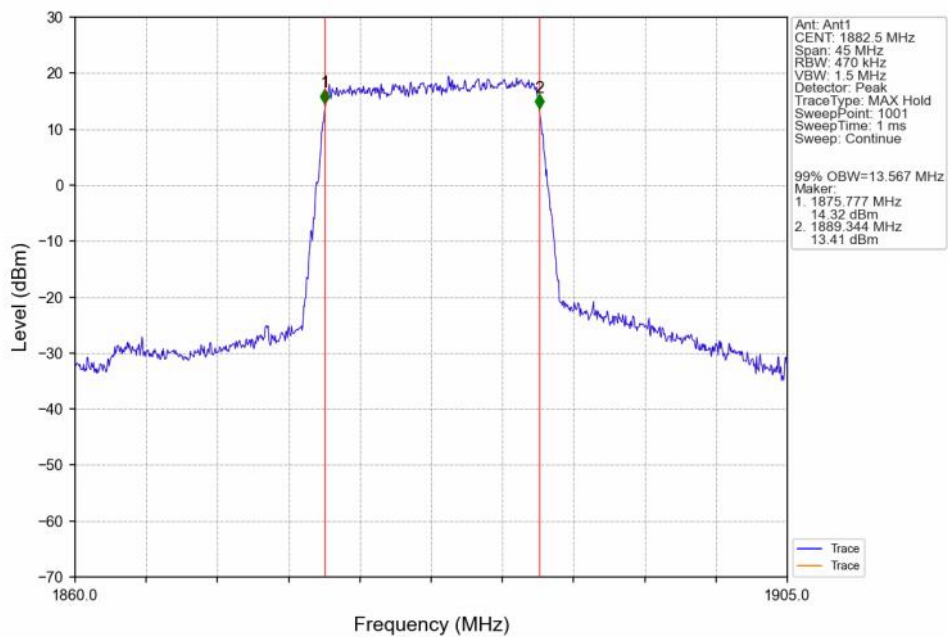
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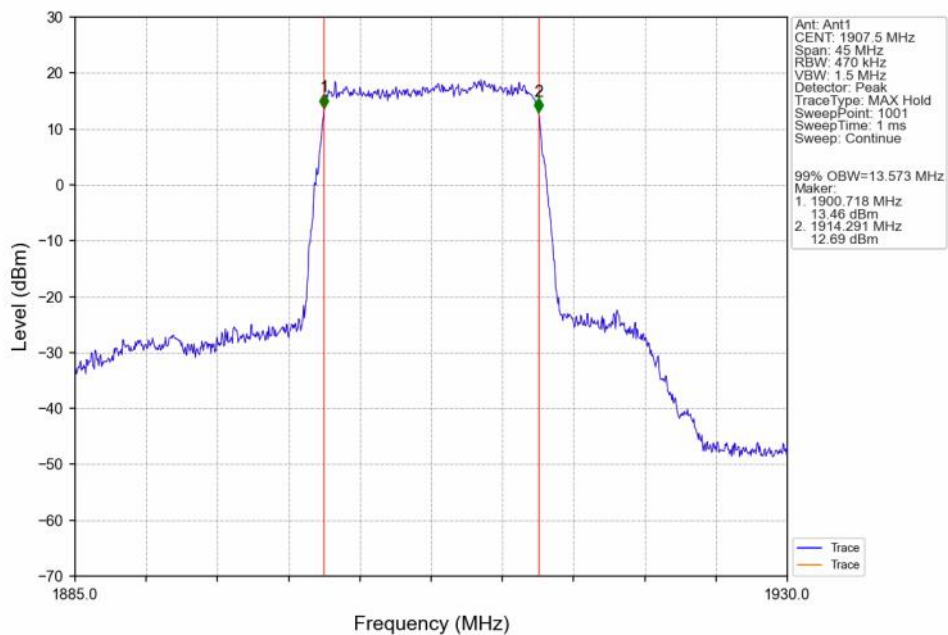
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



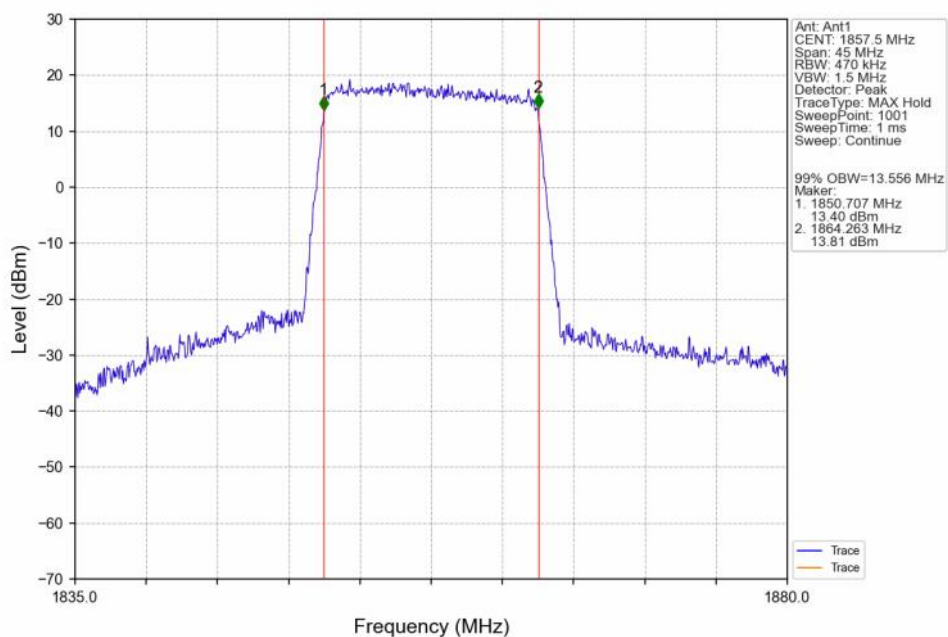
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



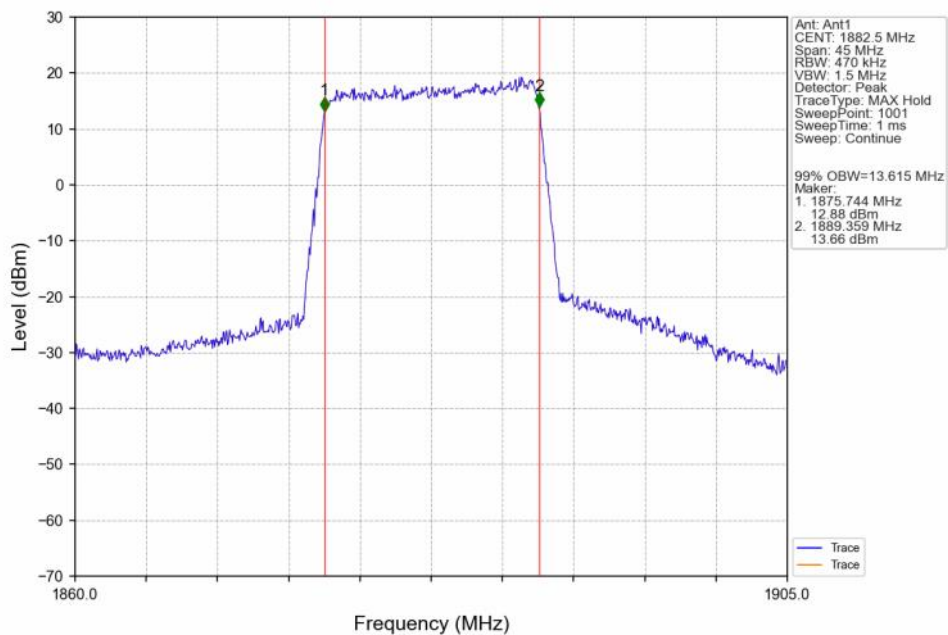
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



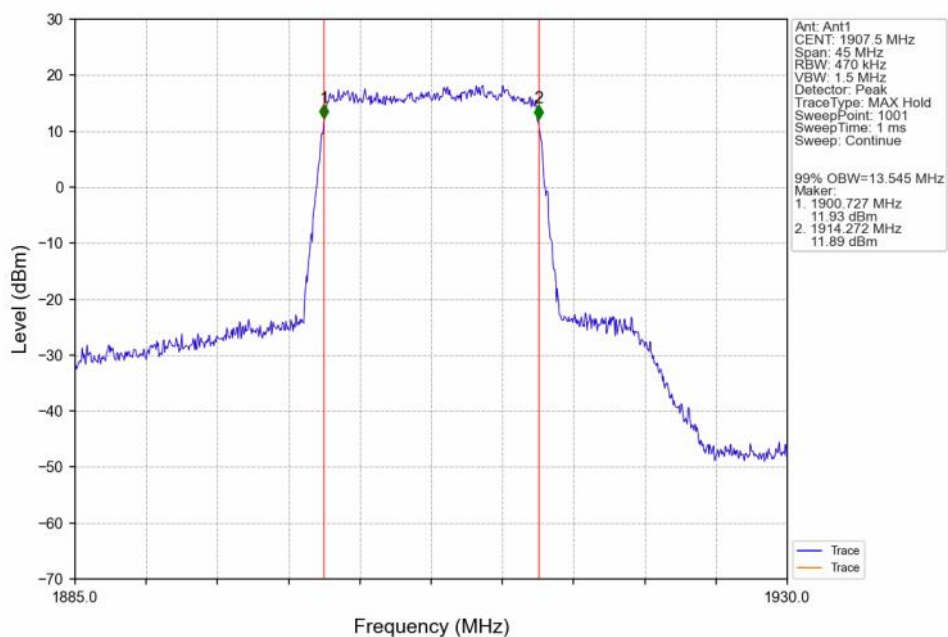
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



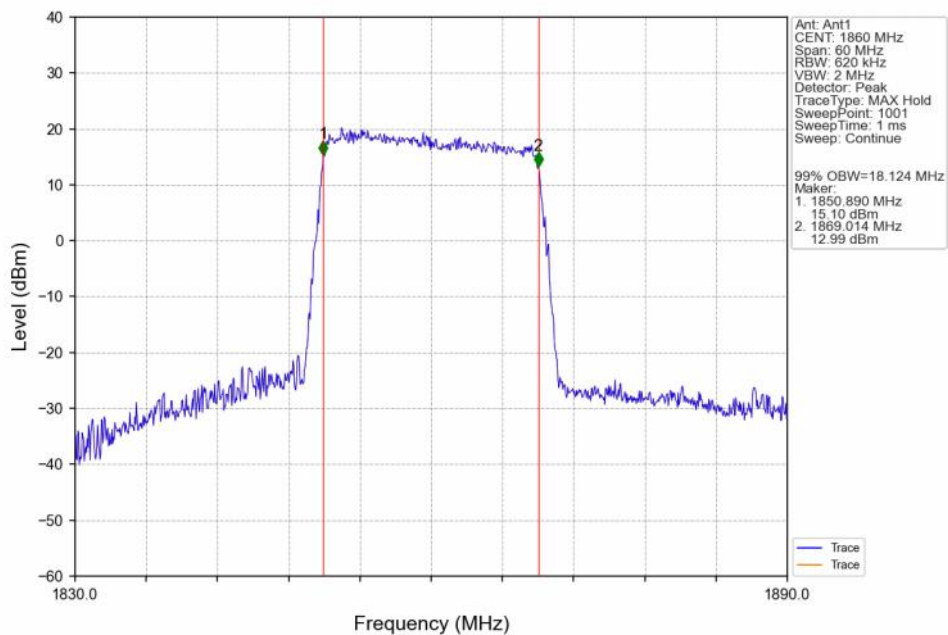
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



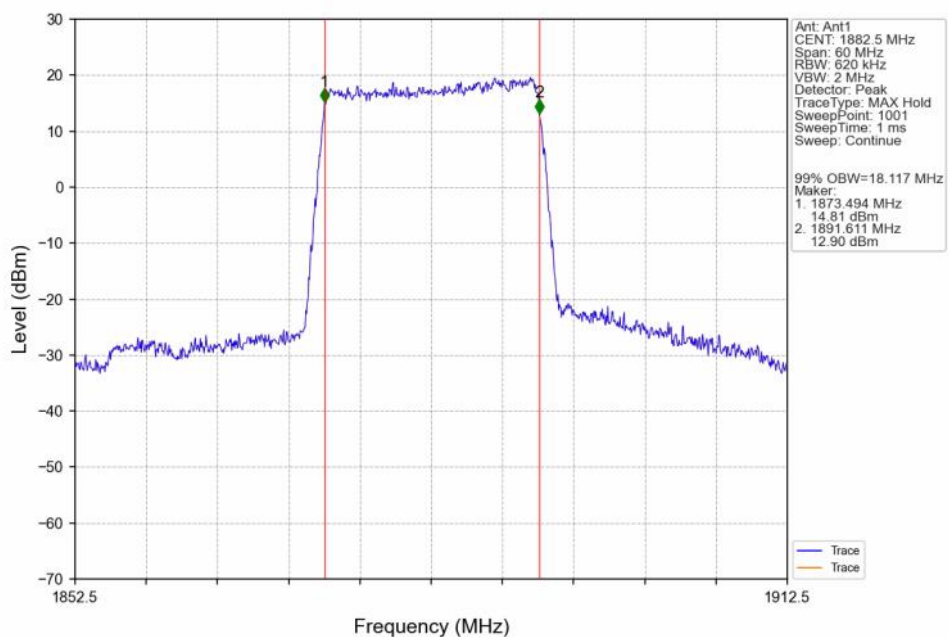
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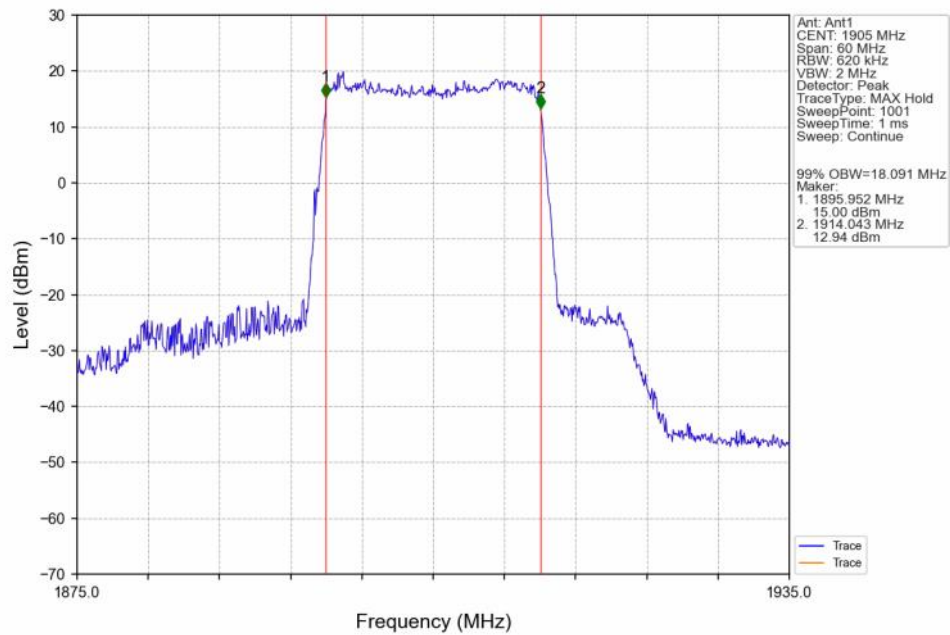
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



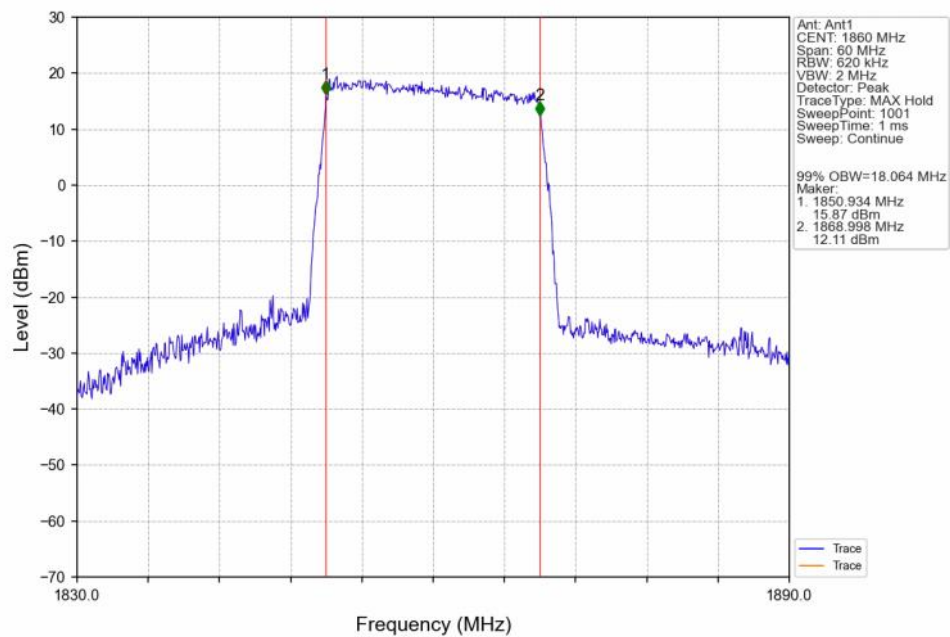
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



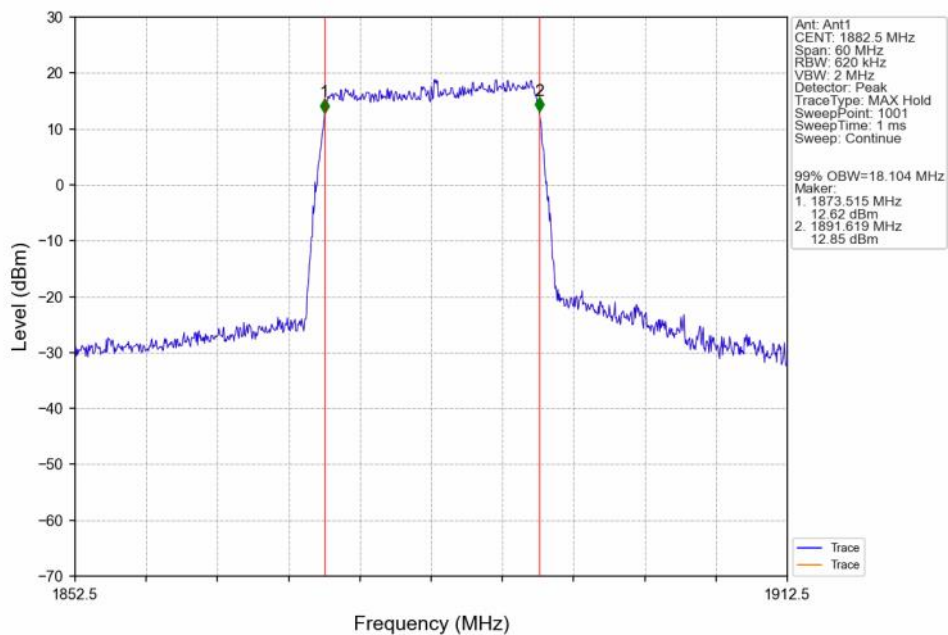
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



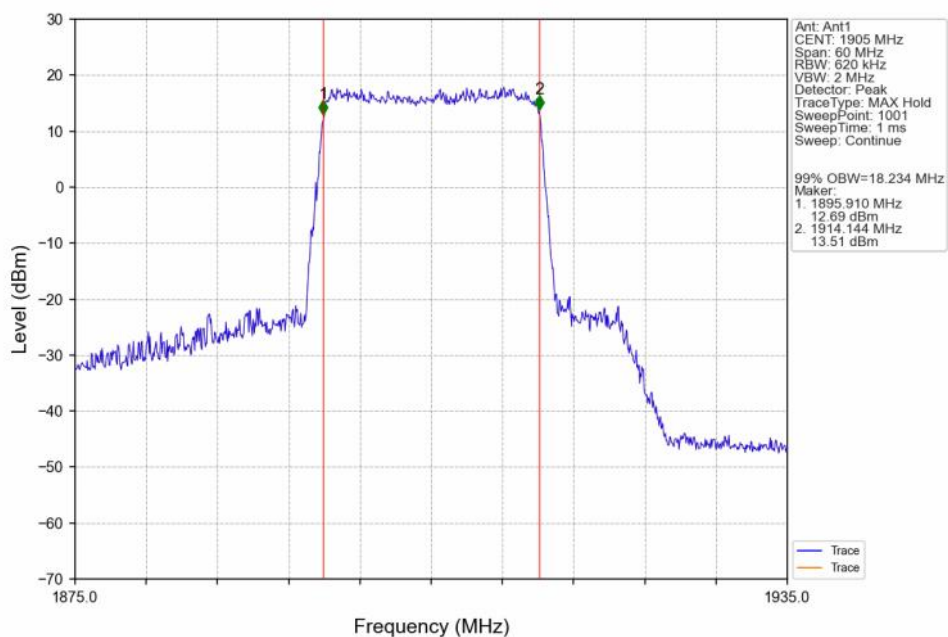
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



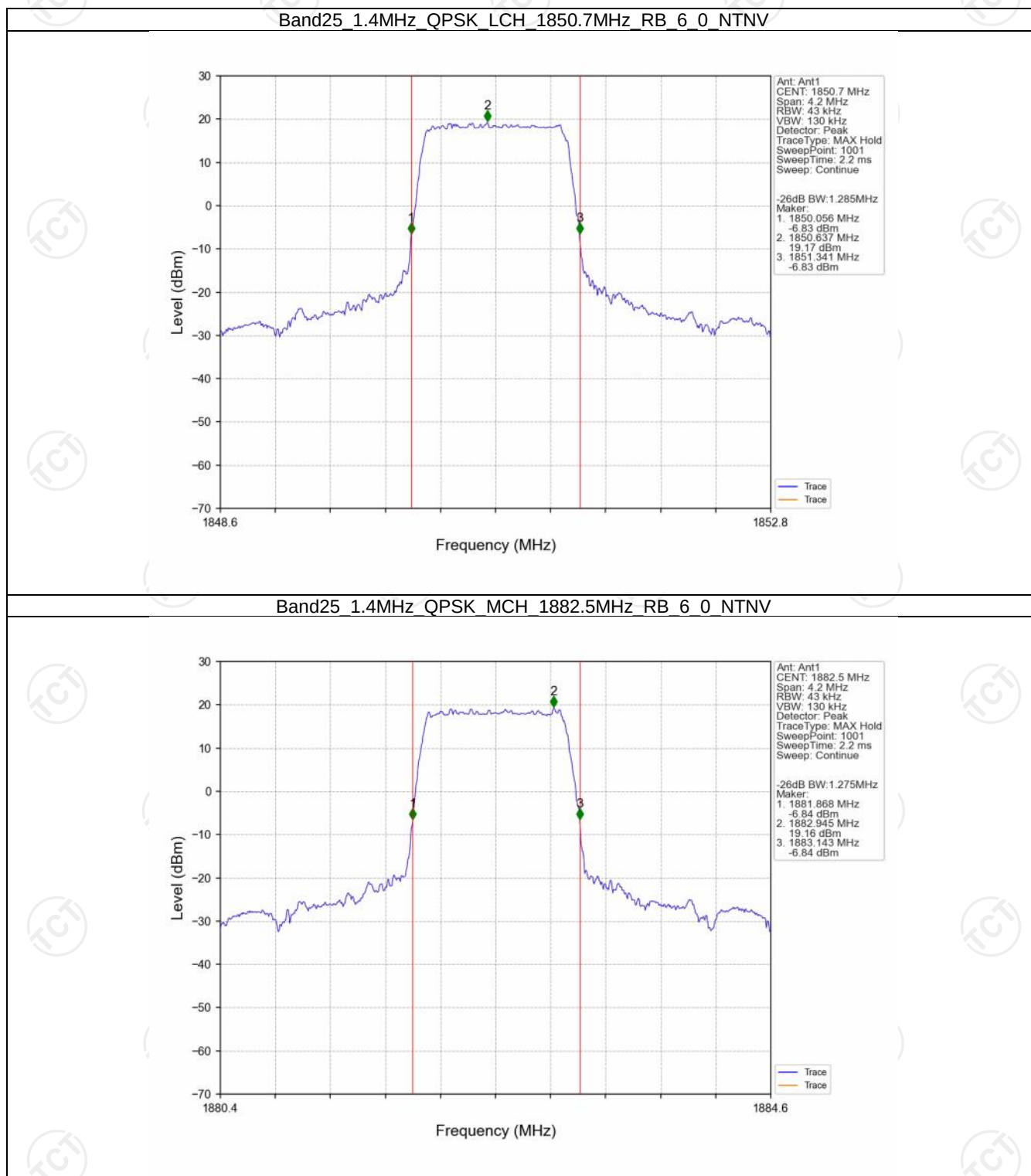
Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNV



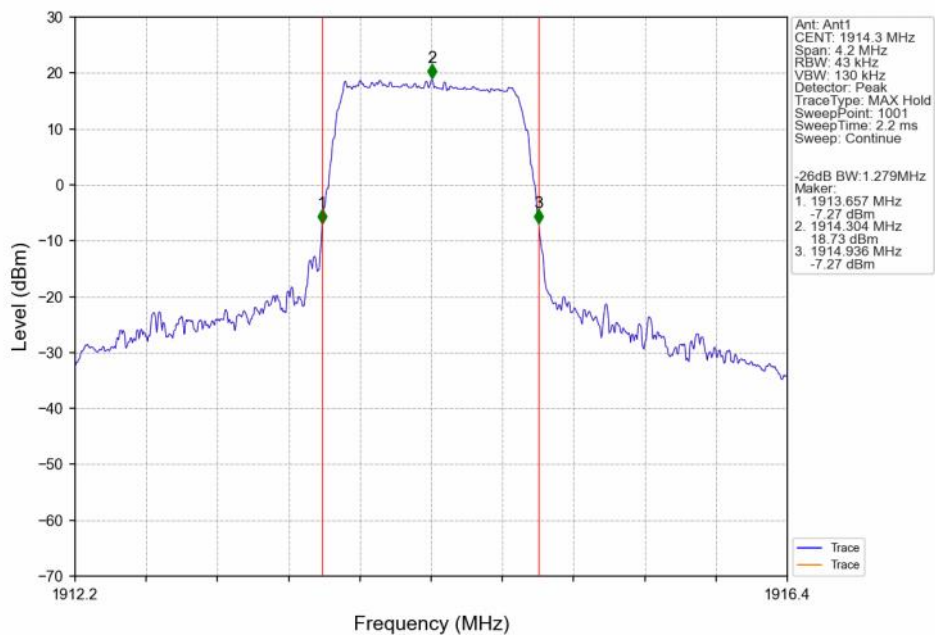
Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTNV



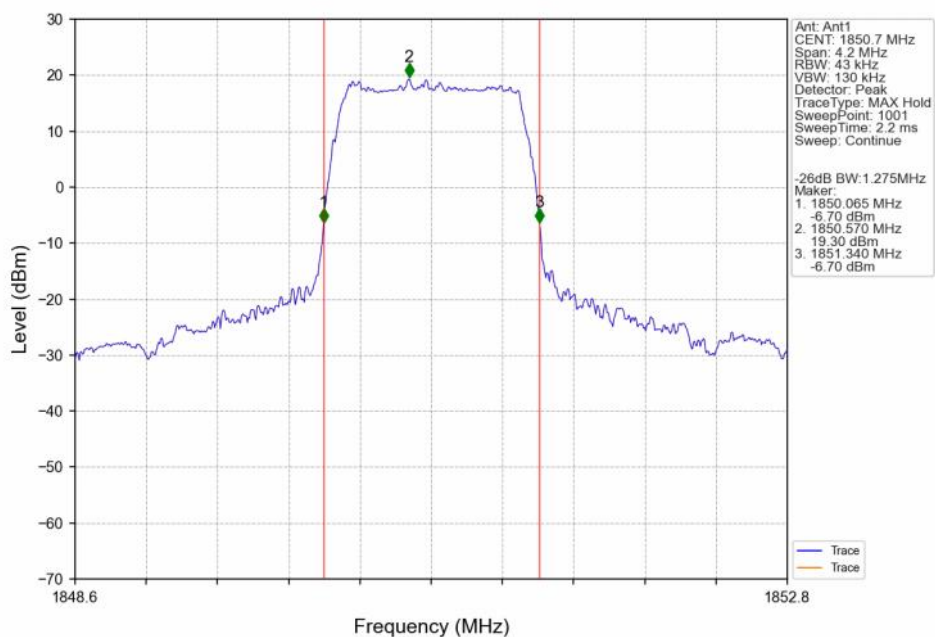
4.2.2 Band25_XDB



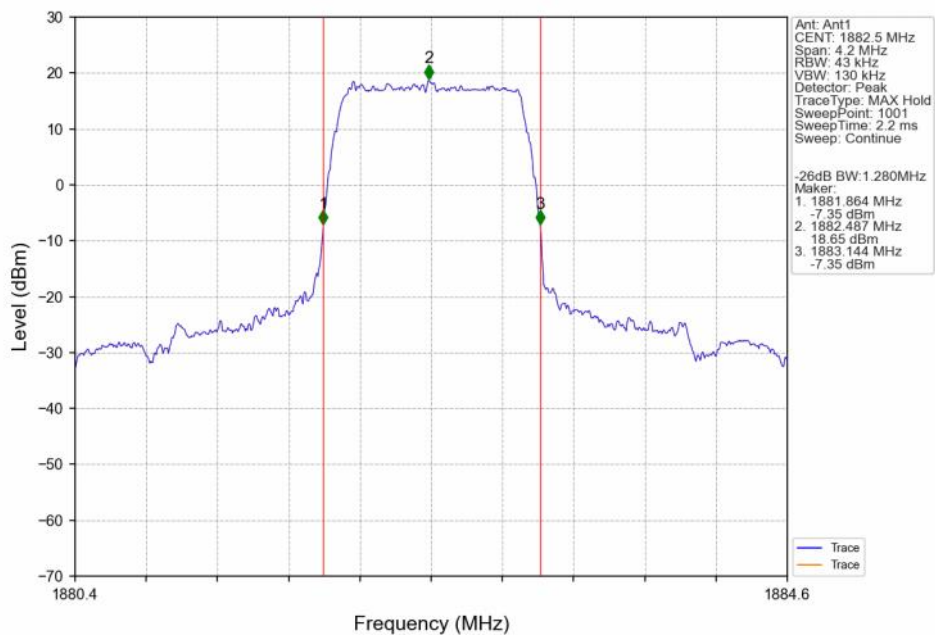
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



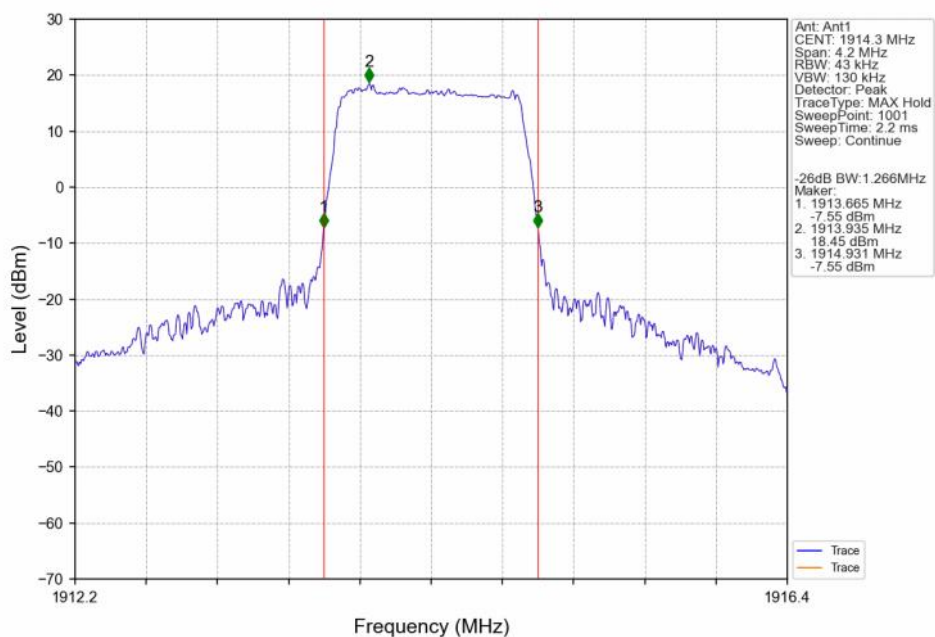
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



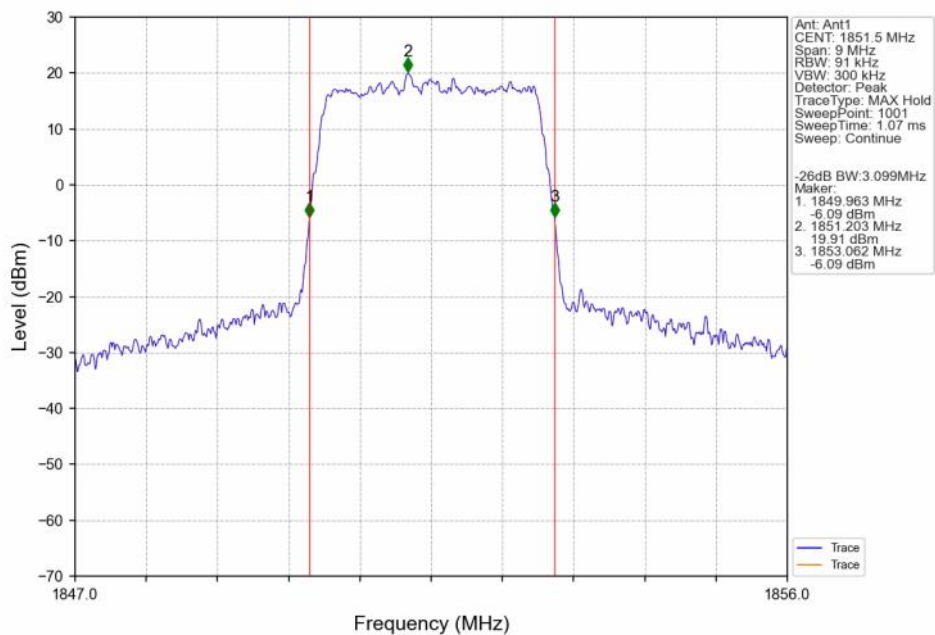
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



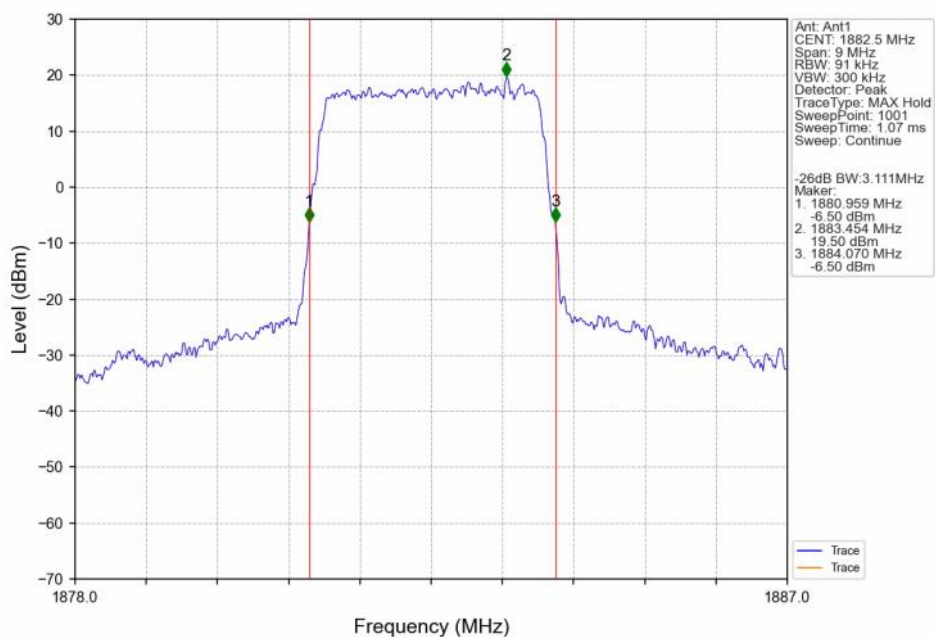
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



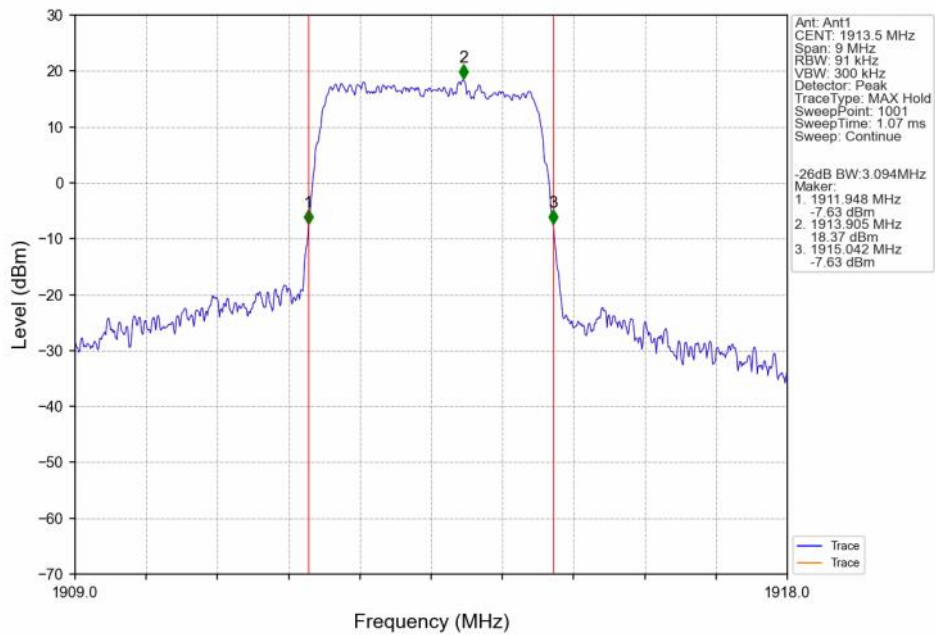
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



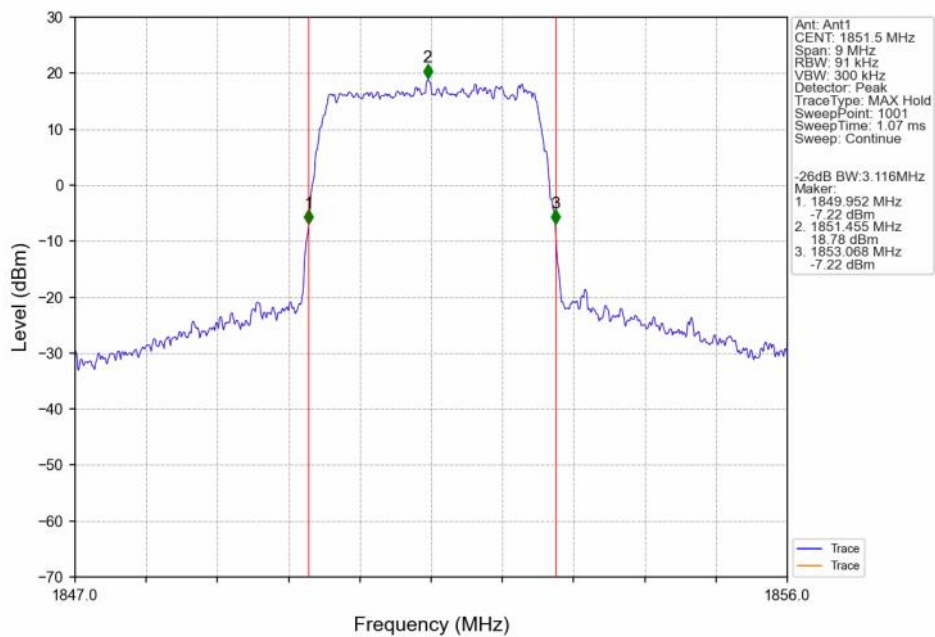
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



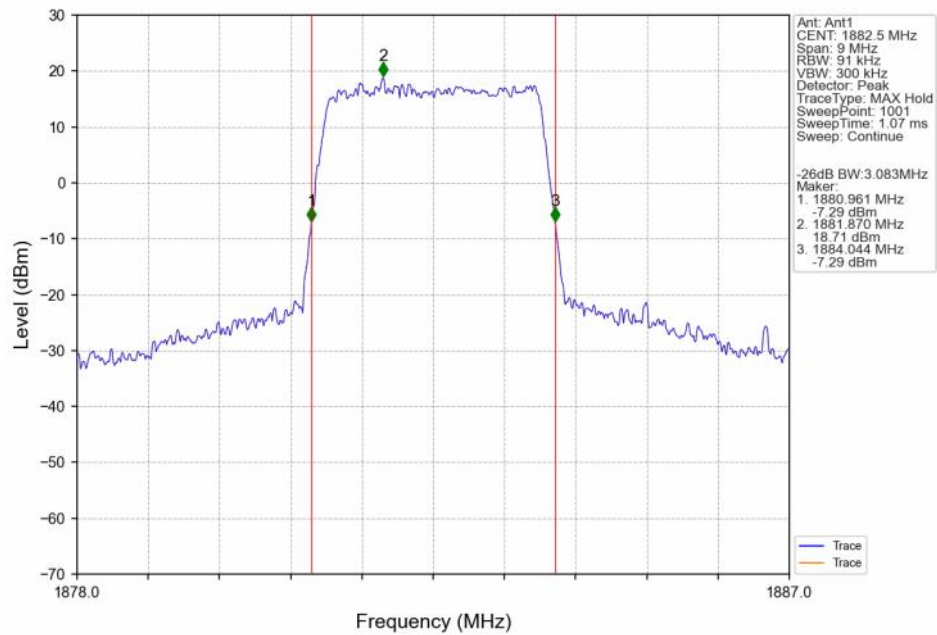
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



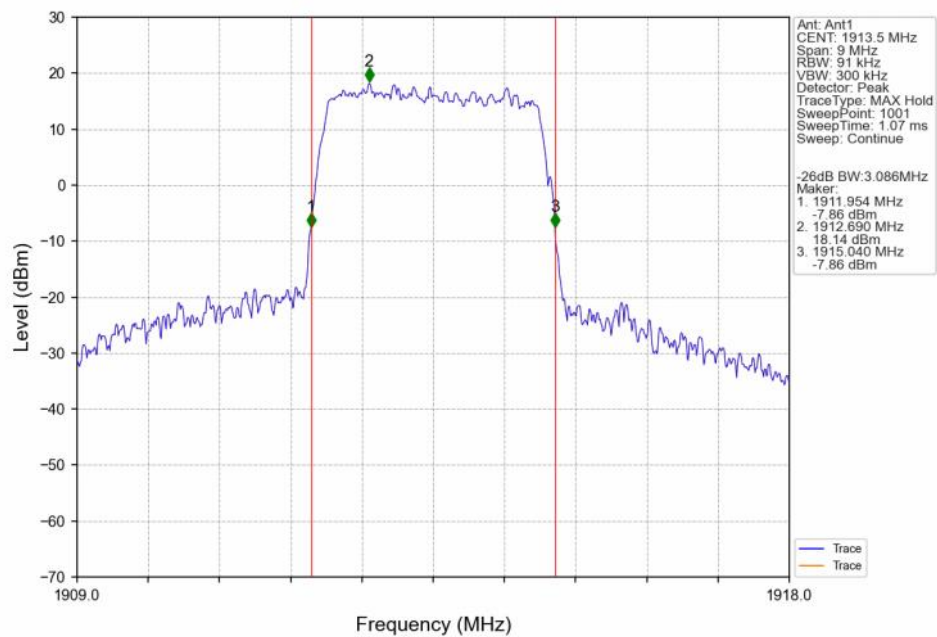
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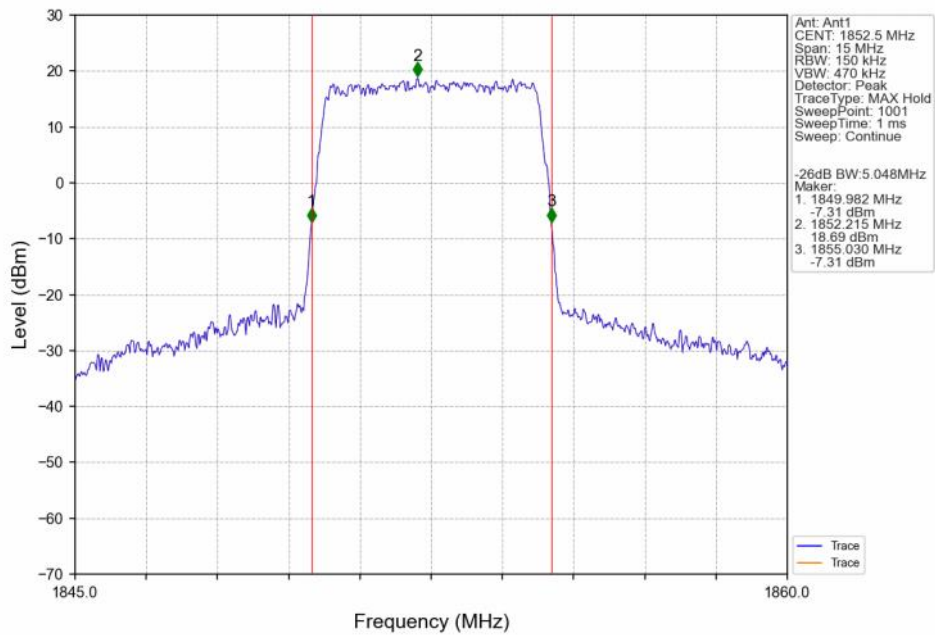
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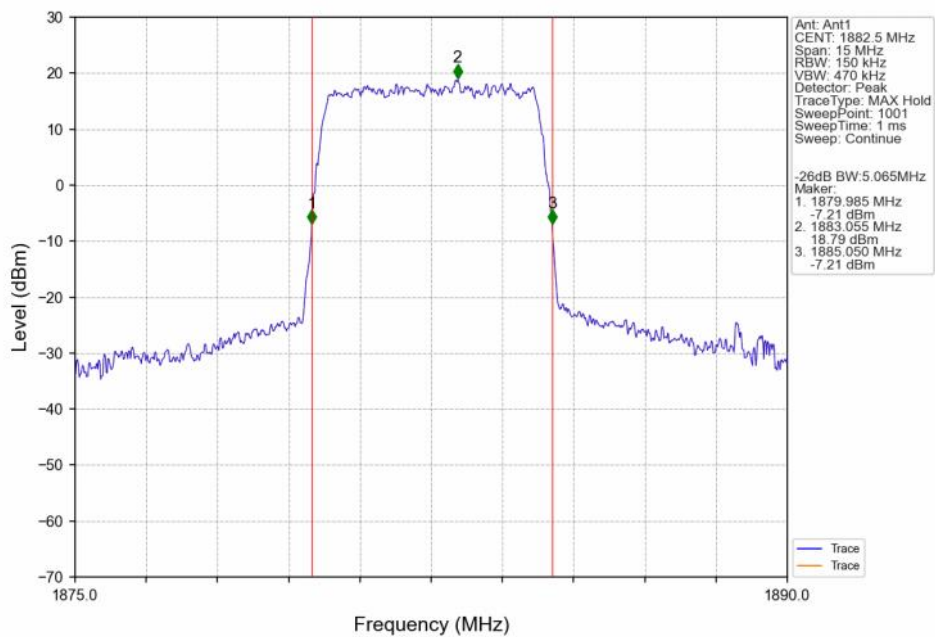
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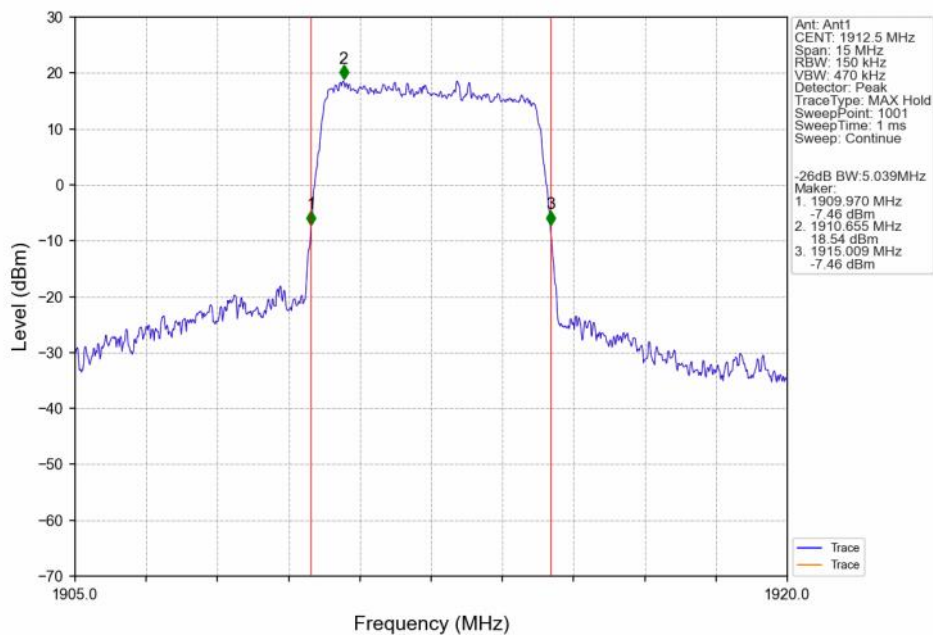
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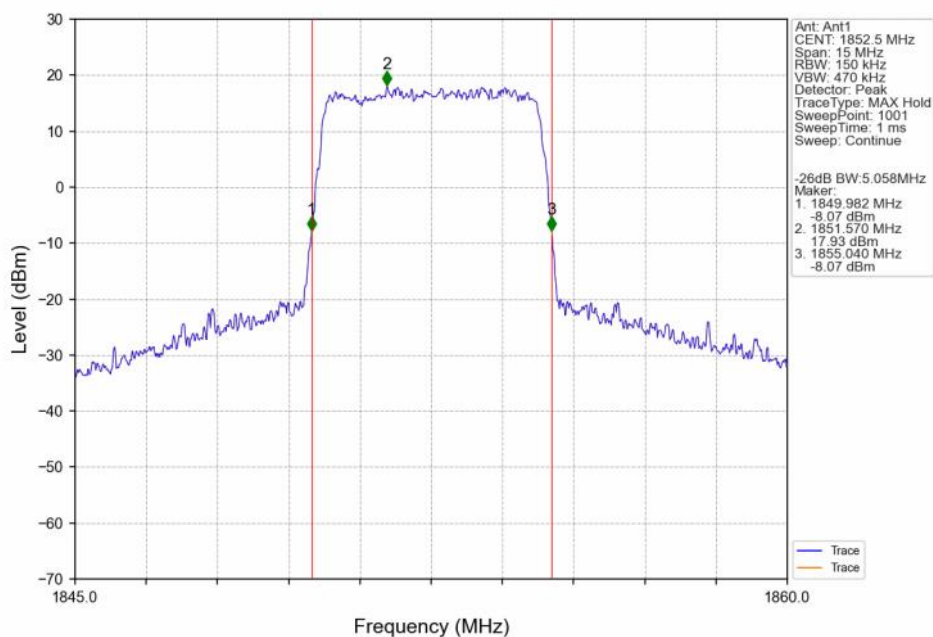
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



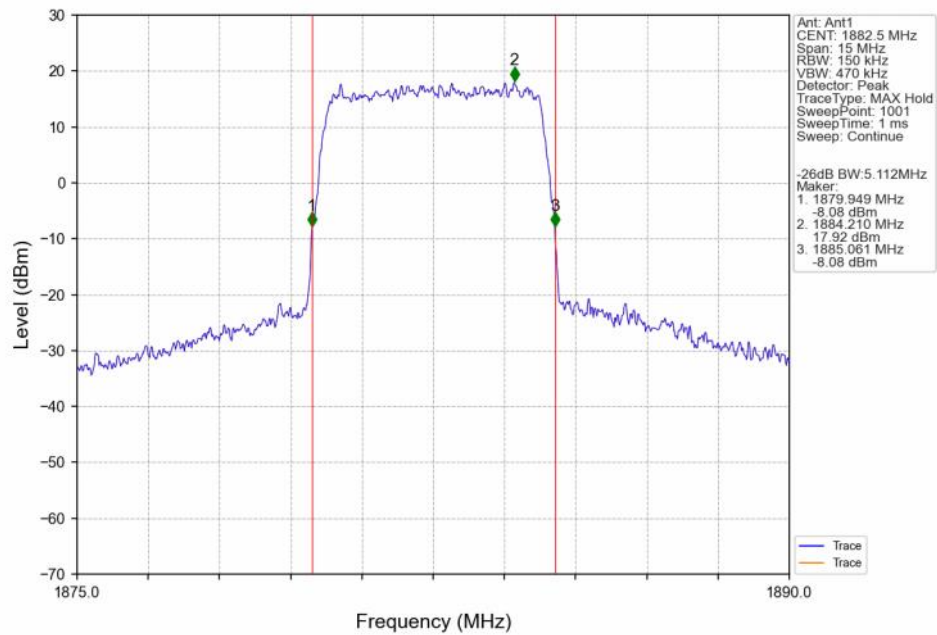
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



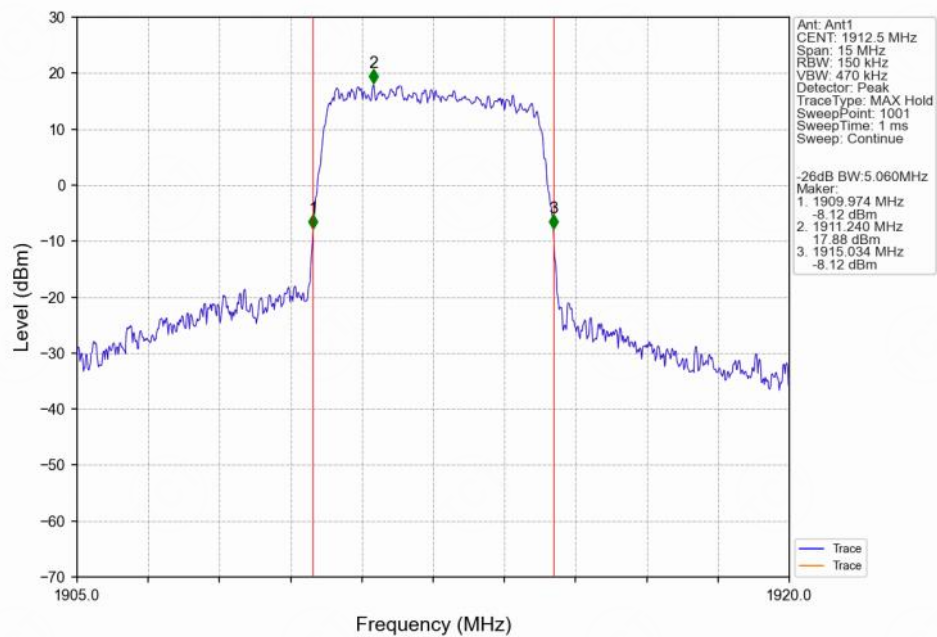
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



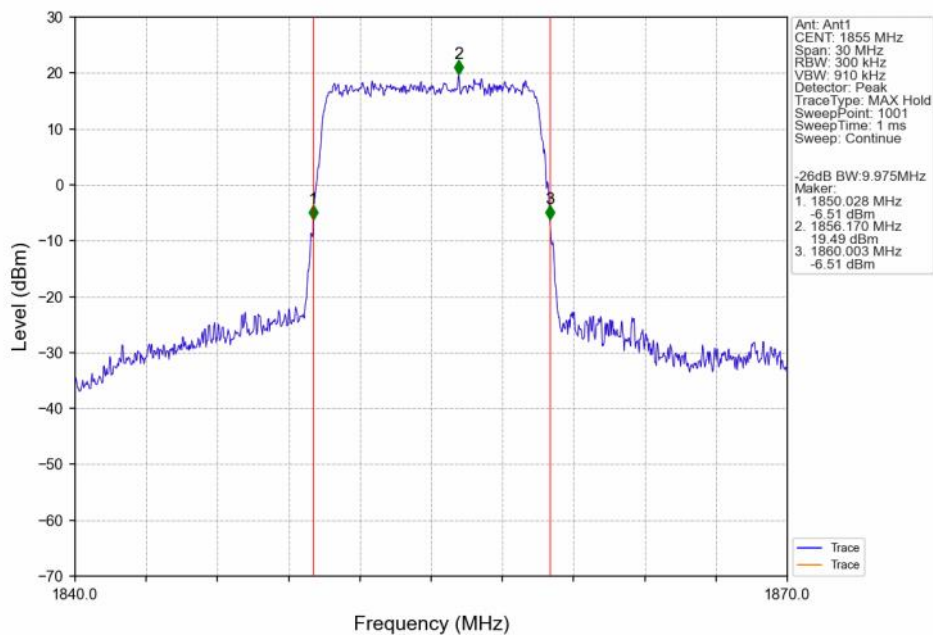
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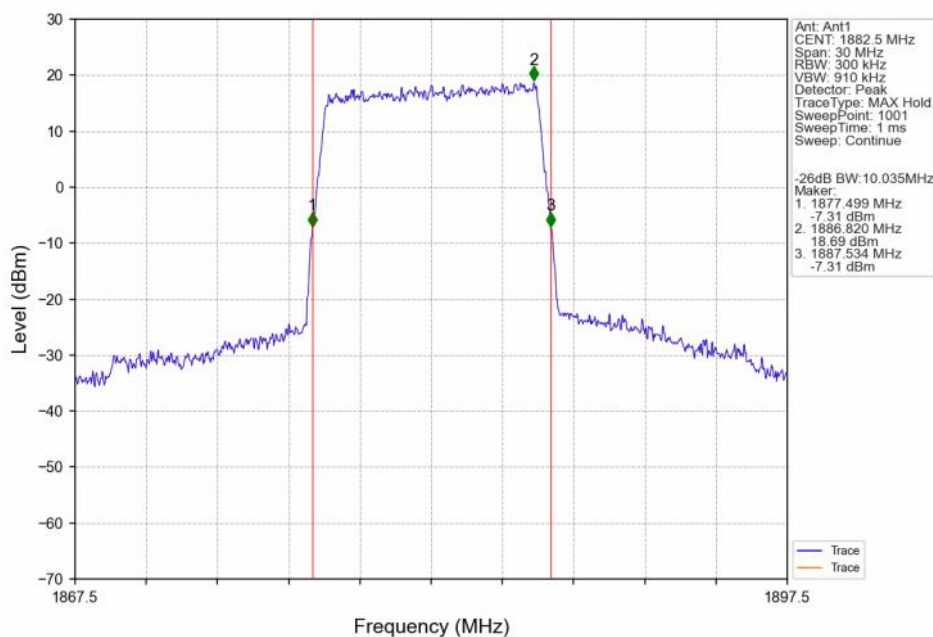
Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTN



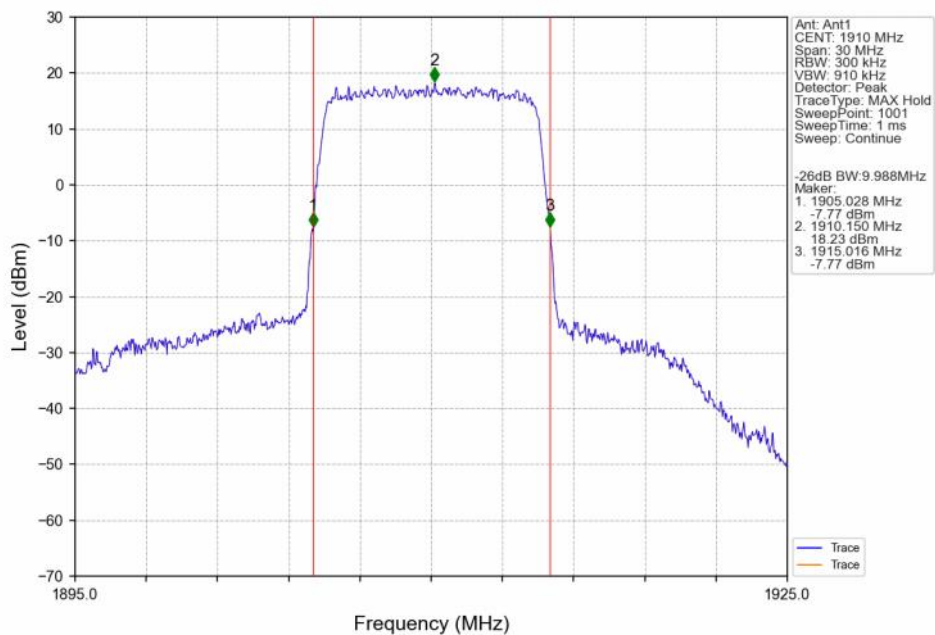
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



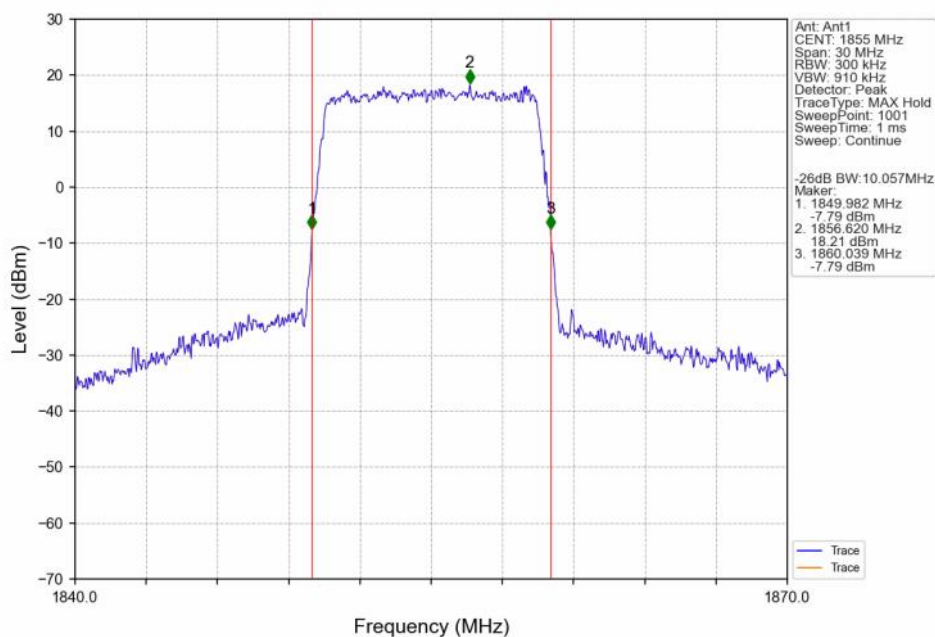
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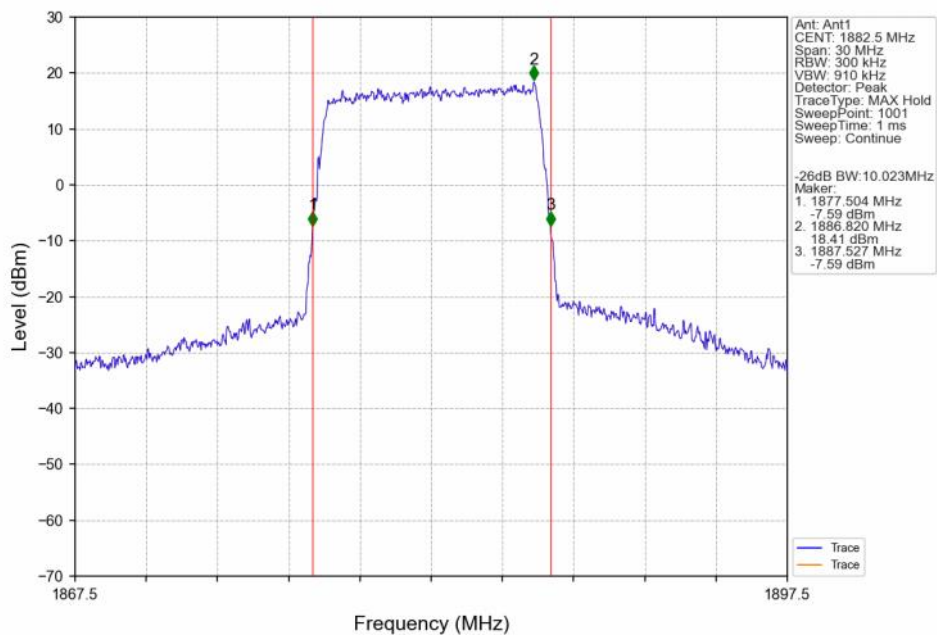
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTV



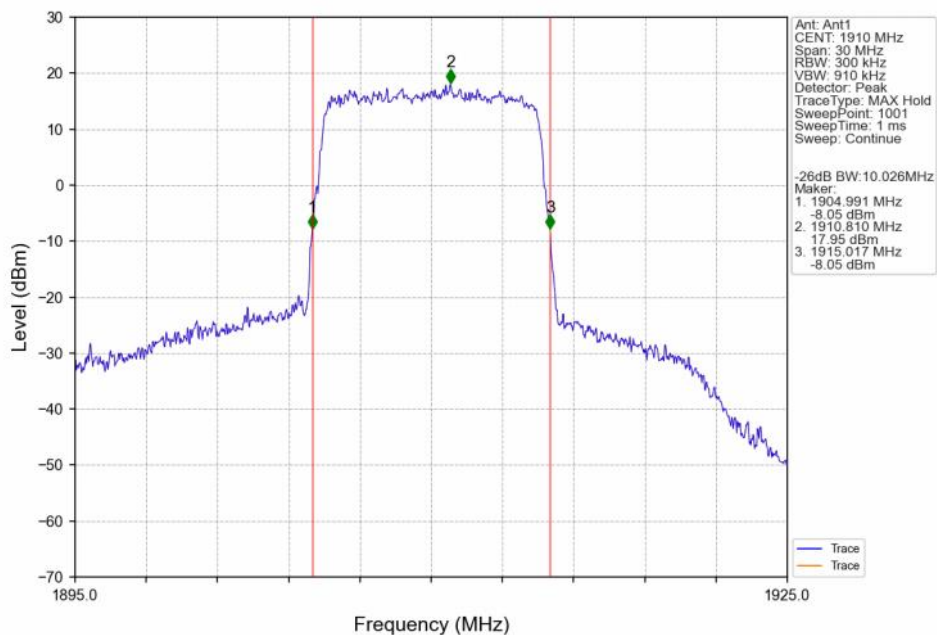
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



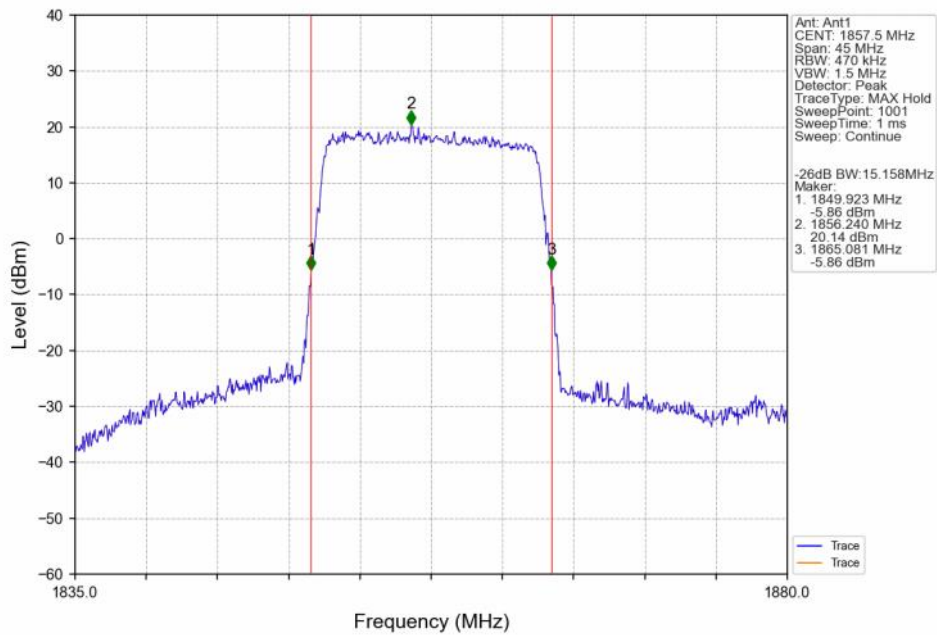
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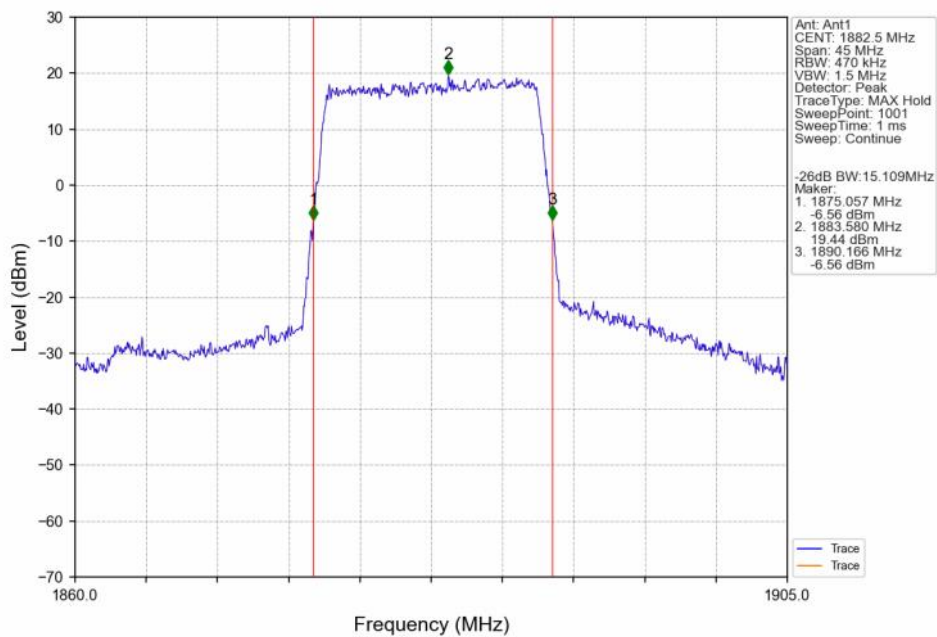
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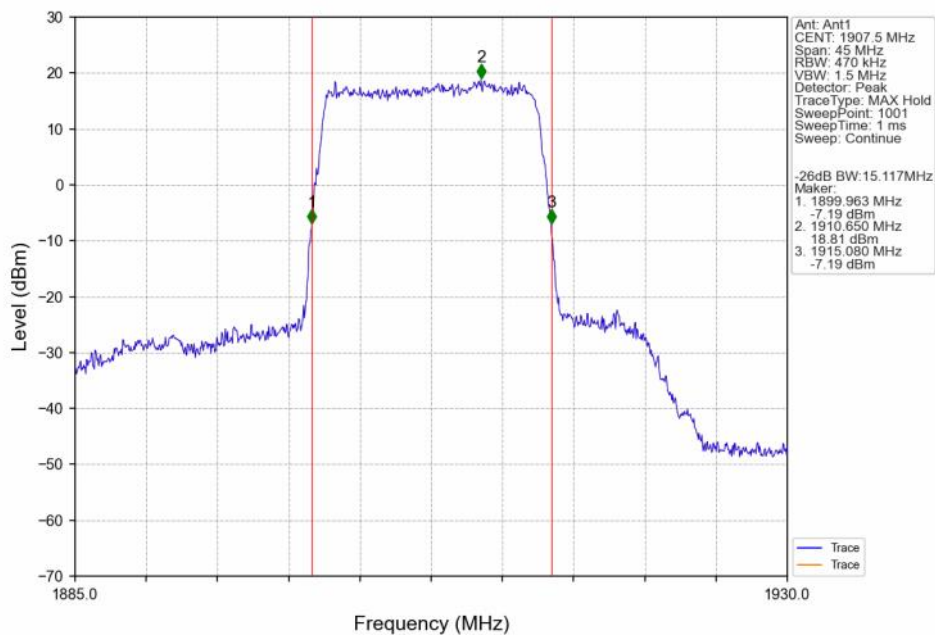
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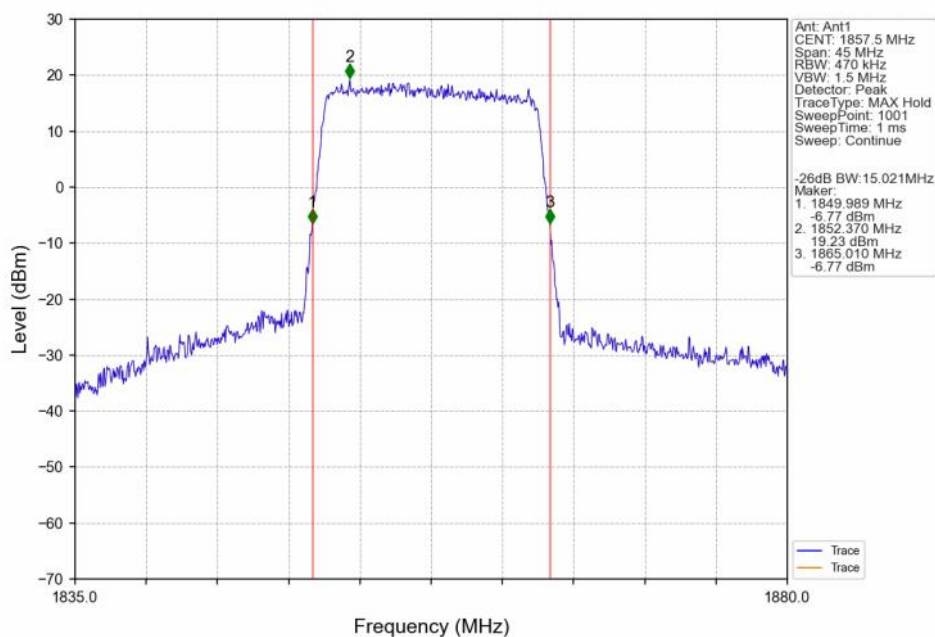
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



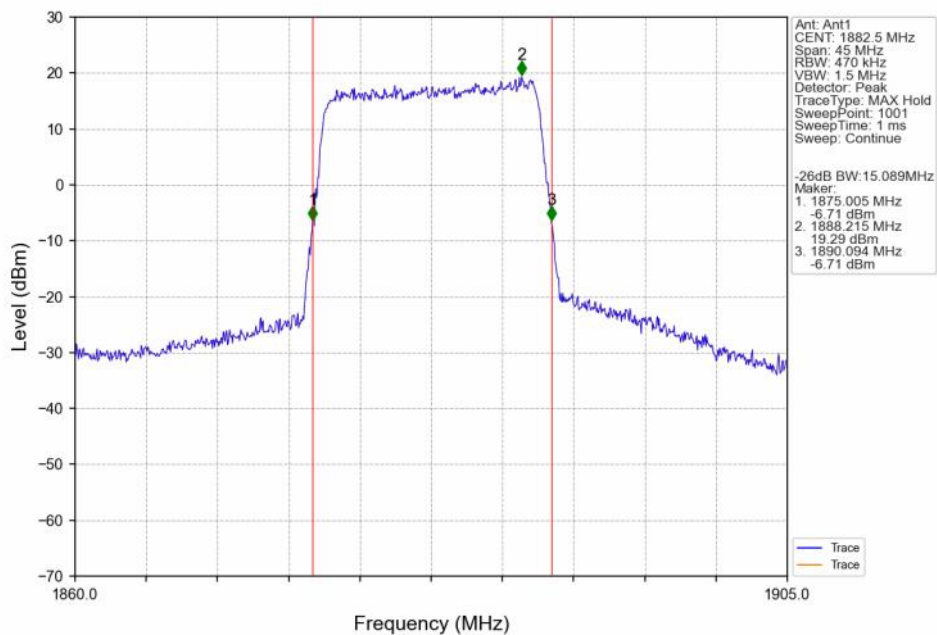
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTN



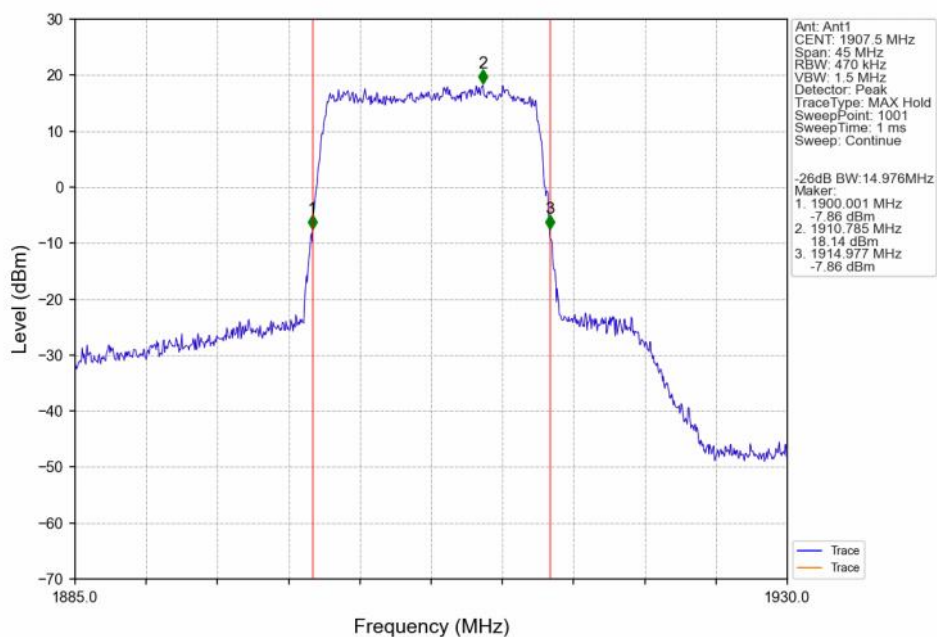
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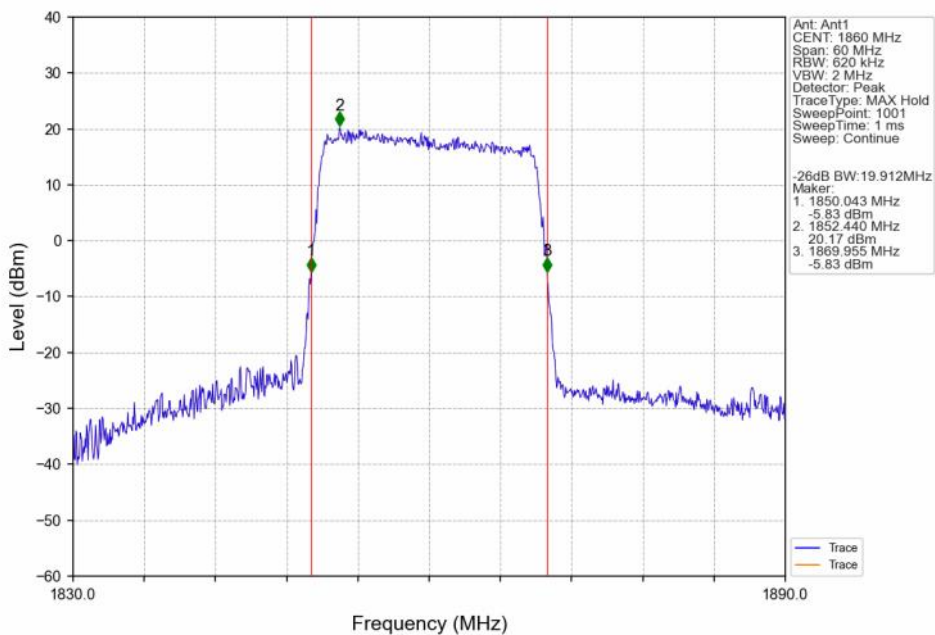
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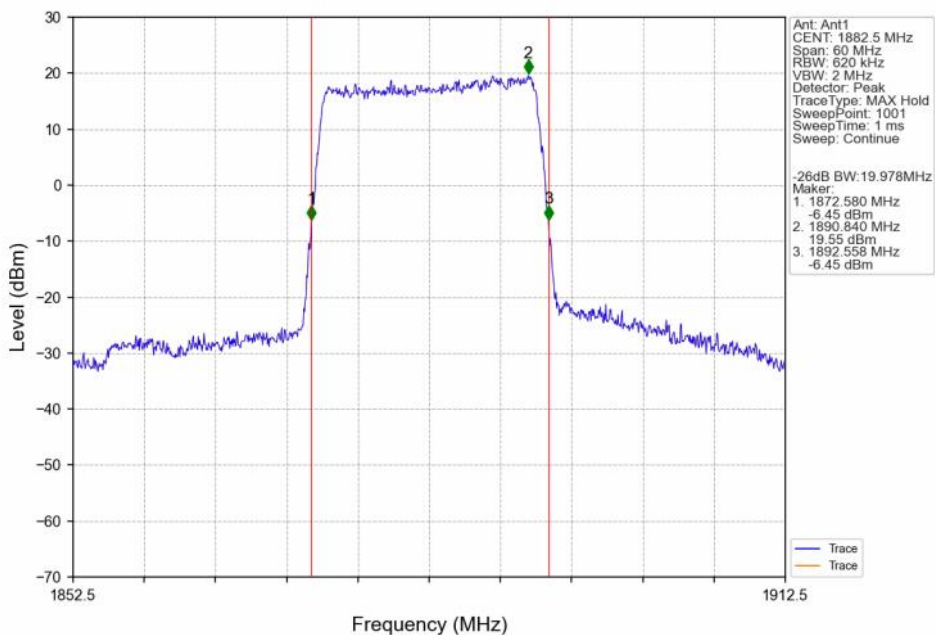
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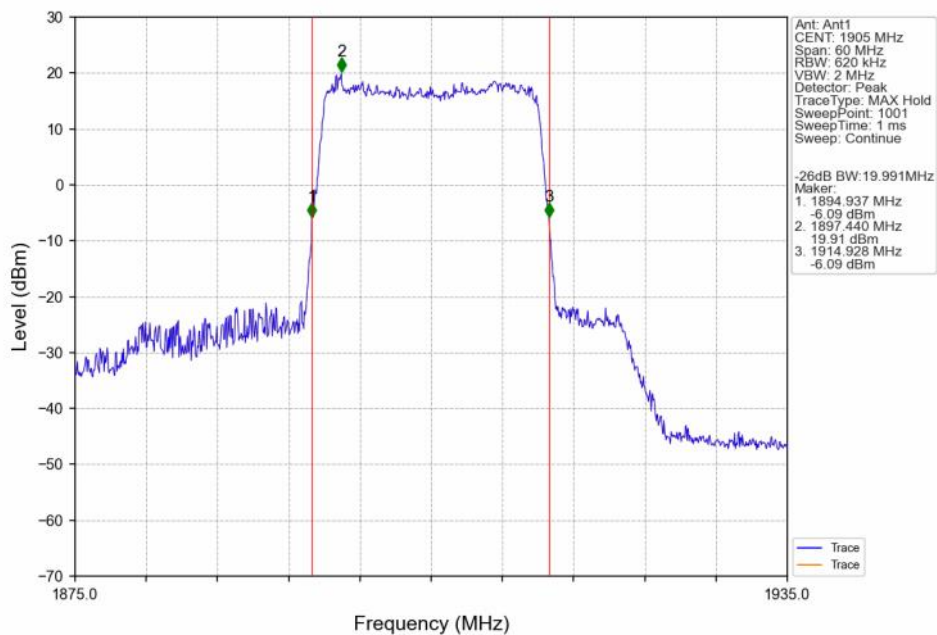
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



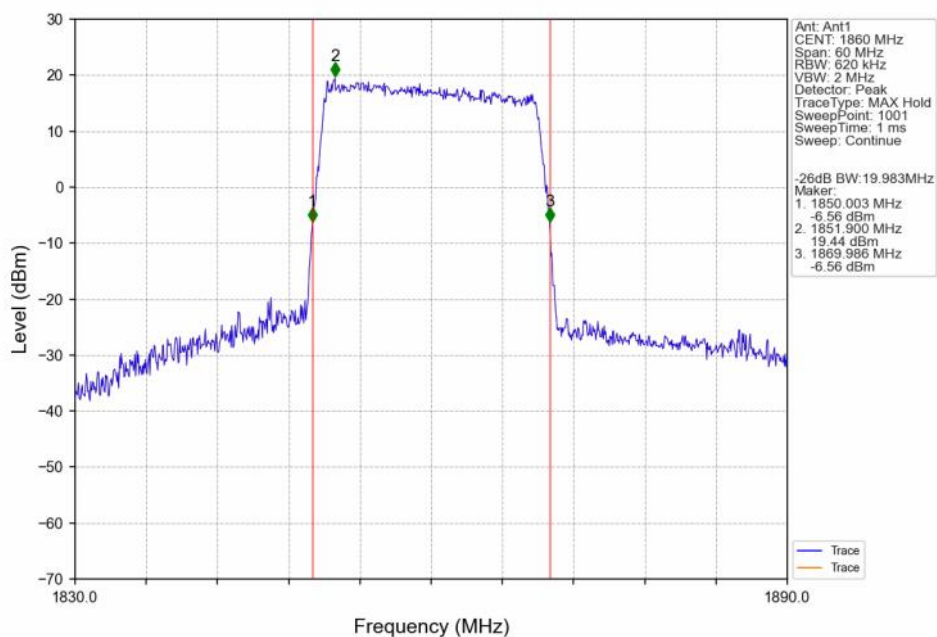
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



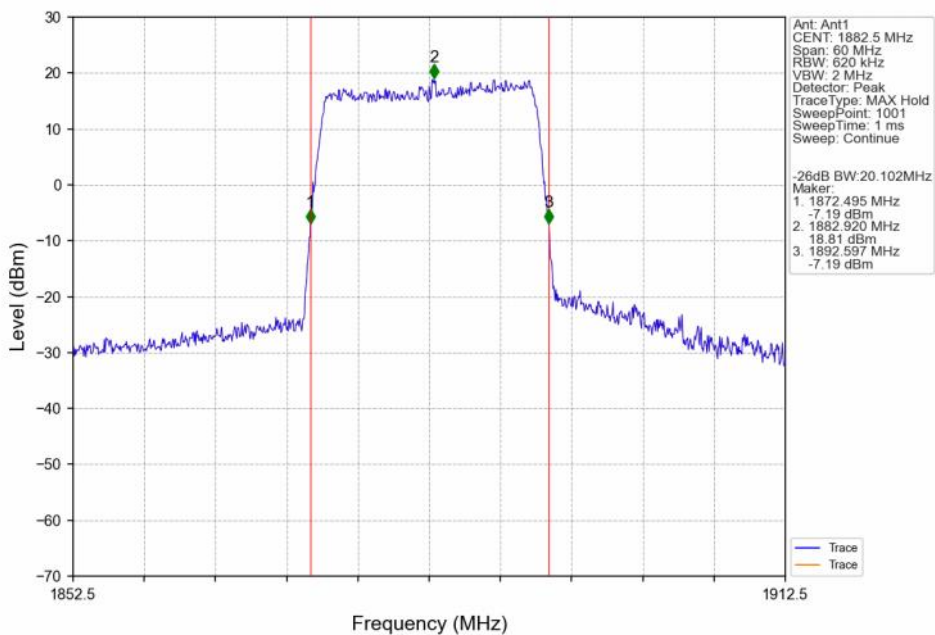
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



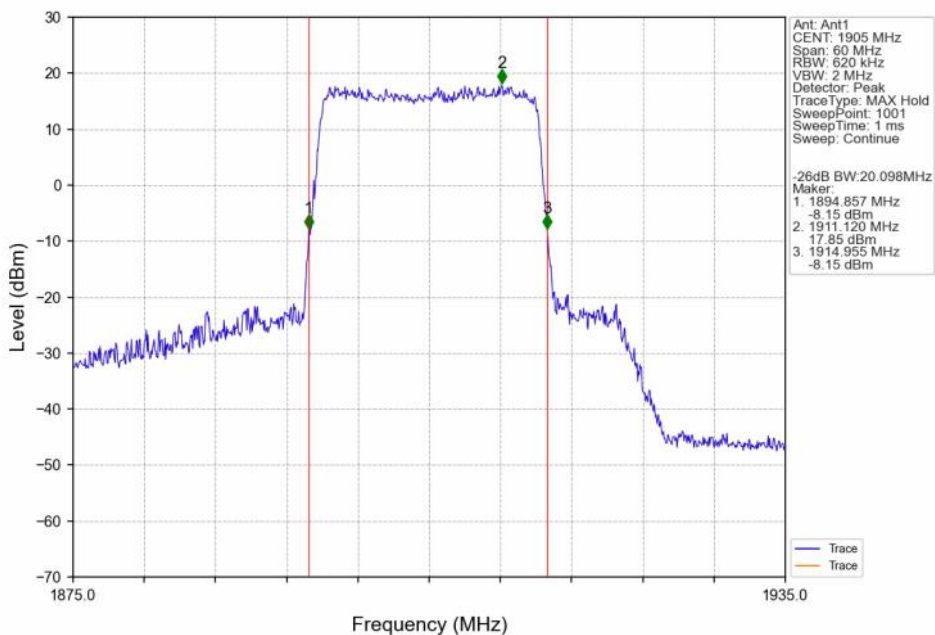
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNV



Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.74	<=13	Pass
	1882.5	6	0	5.90	<=13	Pass
	1914.3	6	0	5.42	<=13	Pass
16QAM	1850.7	6	0	6.46	<=13	Pass
	1882.5	6	0	6.75	<=13	Pass
	1914.3	6	0	6.15	<=13	Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.70	<=13	Pass
	1882.5	15	0	5.87	<=13	Pass
	1913.5	15	0	5.39	<=13	Pass
16QAM	1851.5	15	0	6.49	<=13	Pass
	1882.5	15	0	6.74	<=13	Pass
	1913.5	15	0	6.20	<=13	Pass

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.63	<=13	Pass
	1882.5	25	0	5.89	<=13	Pass
	1912.5	25	0	5.43	<=13	Pass
16QAM	1852.5	25	0	6.42	<=13	Pass
	1882.5	25	0	6.61	<=13	Pass
	1912.5	25	0	6.11	<=13	Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.63	<=13	Pass
	1882.5	50	0	5.89	<=13	Pass
	1910	50	0	5.53	<=13	Pass
16QAM	1855	50	0	6.37	<=13	Pass
	1882.5	50	0	6.67	<=13	Pass

	1910	50	0	6.27	<=13	Pass
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5.1.5 B25_15MHz

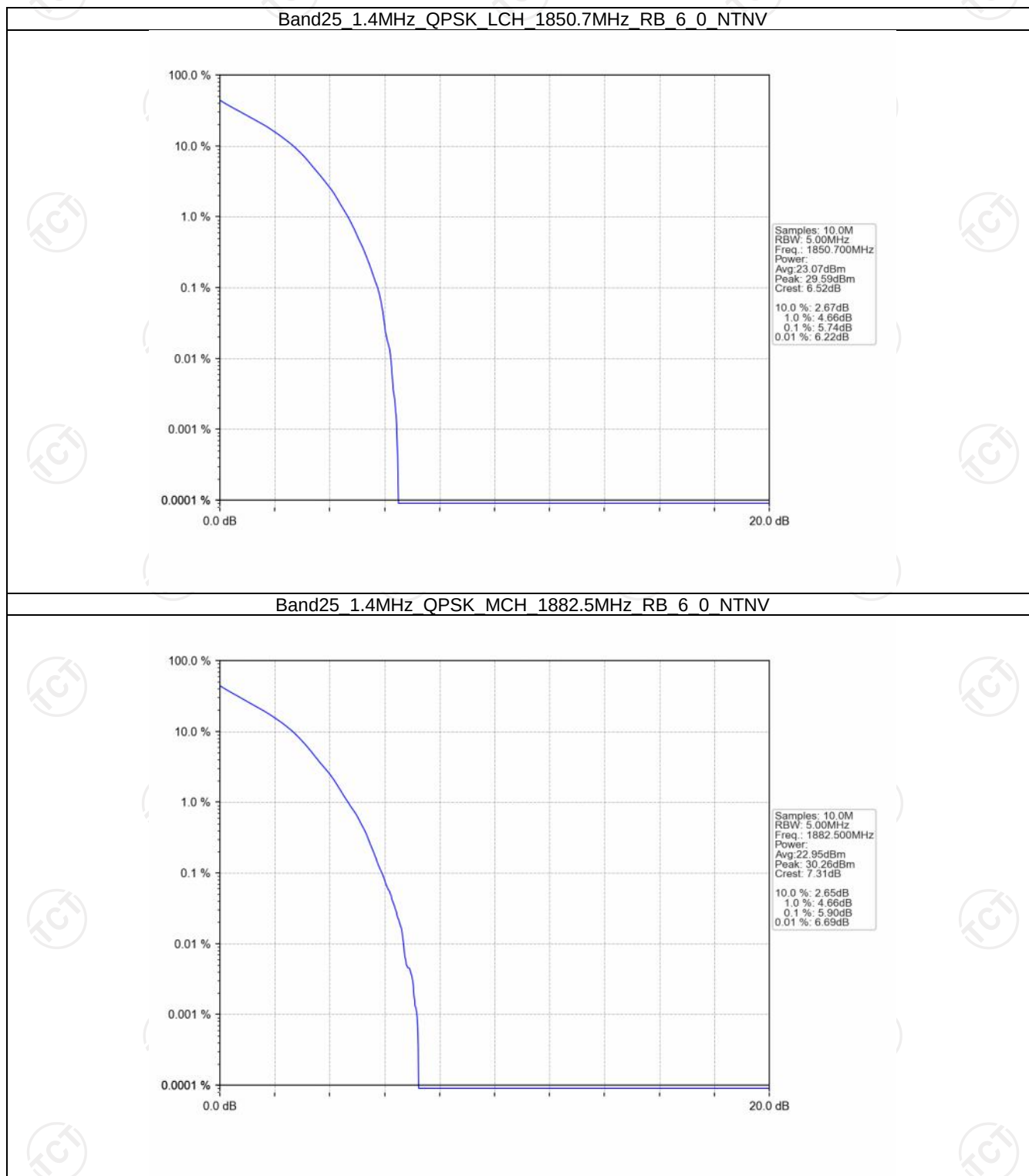
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.90	<=13	Pass
	1882.5	75	0	6.20	<=13	Pass
	1907.5	75	0	5.91	<=13	Pass
16QAM	1857.5	75	0	6.38	<=13	Pass
	1882.5	75	0	6.69	<=13	Pass
	1907.5	75	0	6.42	<=13	Pass

5.1.6 B25_20MHz

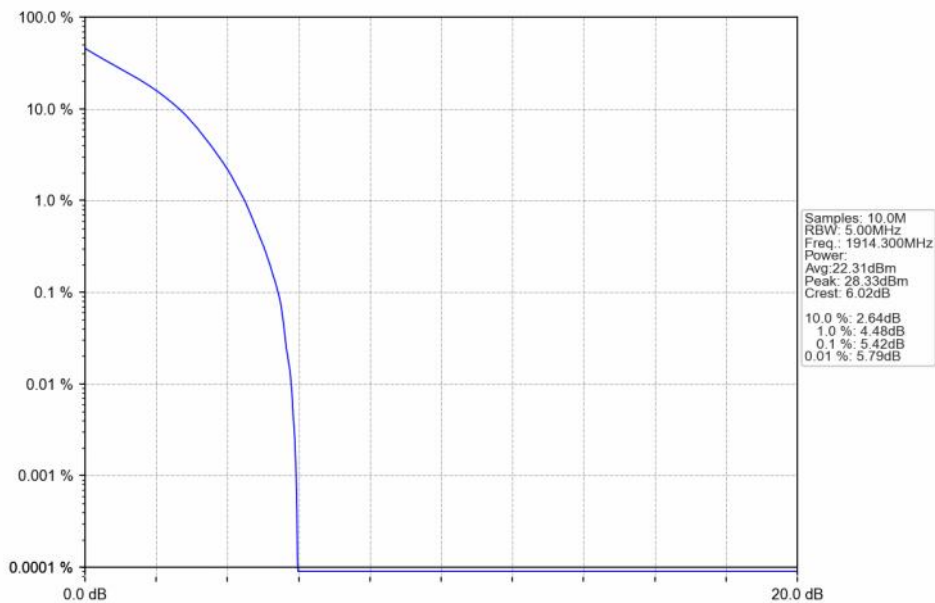
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.76	<=13	Pass
	1882.5	100	0	5.95	<=13	Pass
	1905	100	0	5.81	<=13	Pass
16QAM	1860	100	0	6.44	<=13	Pass
	1882.5	100	0	6.64	<=13	Pass
	1905	100	0	6.55	<=13	Pass

5.2 Test Graph

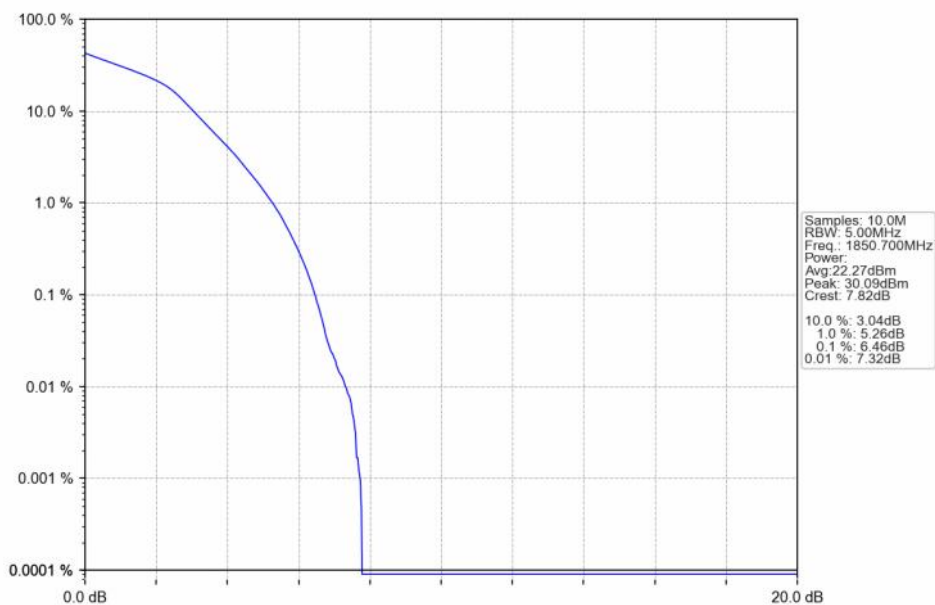
5.2.1 B25_1.4MHz



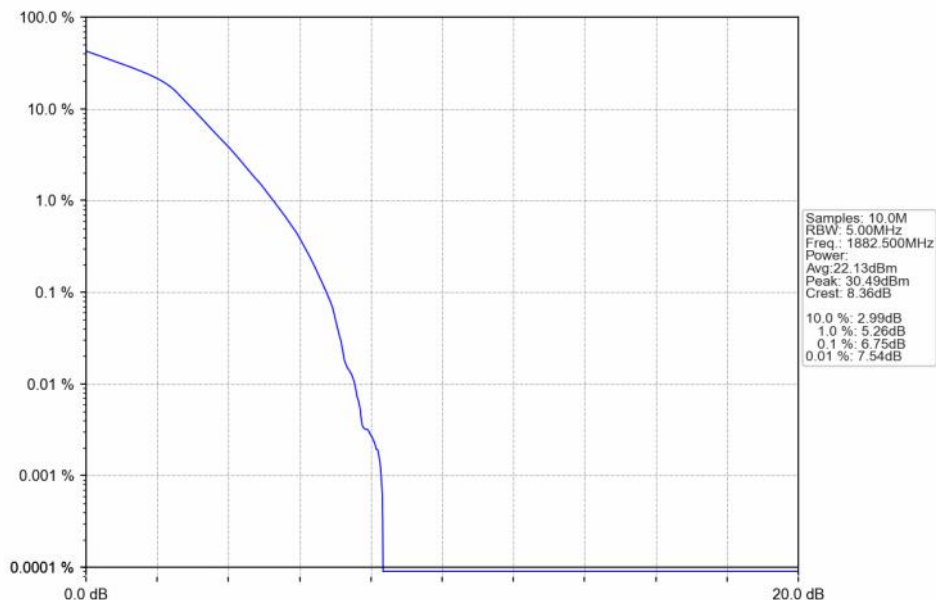
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



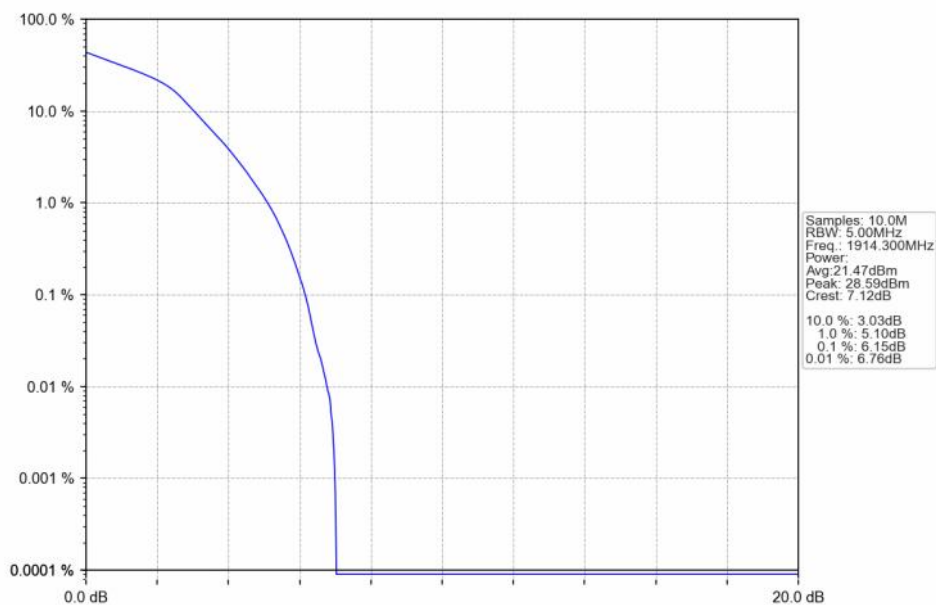
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



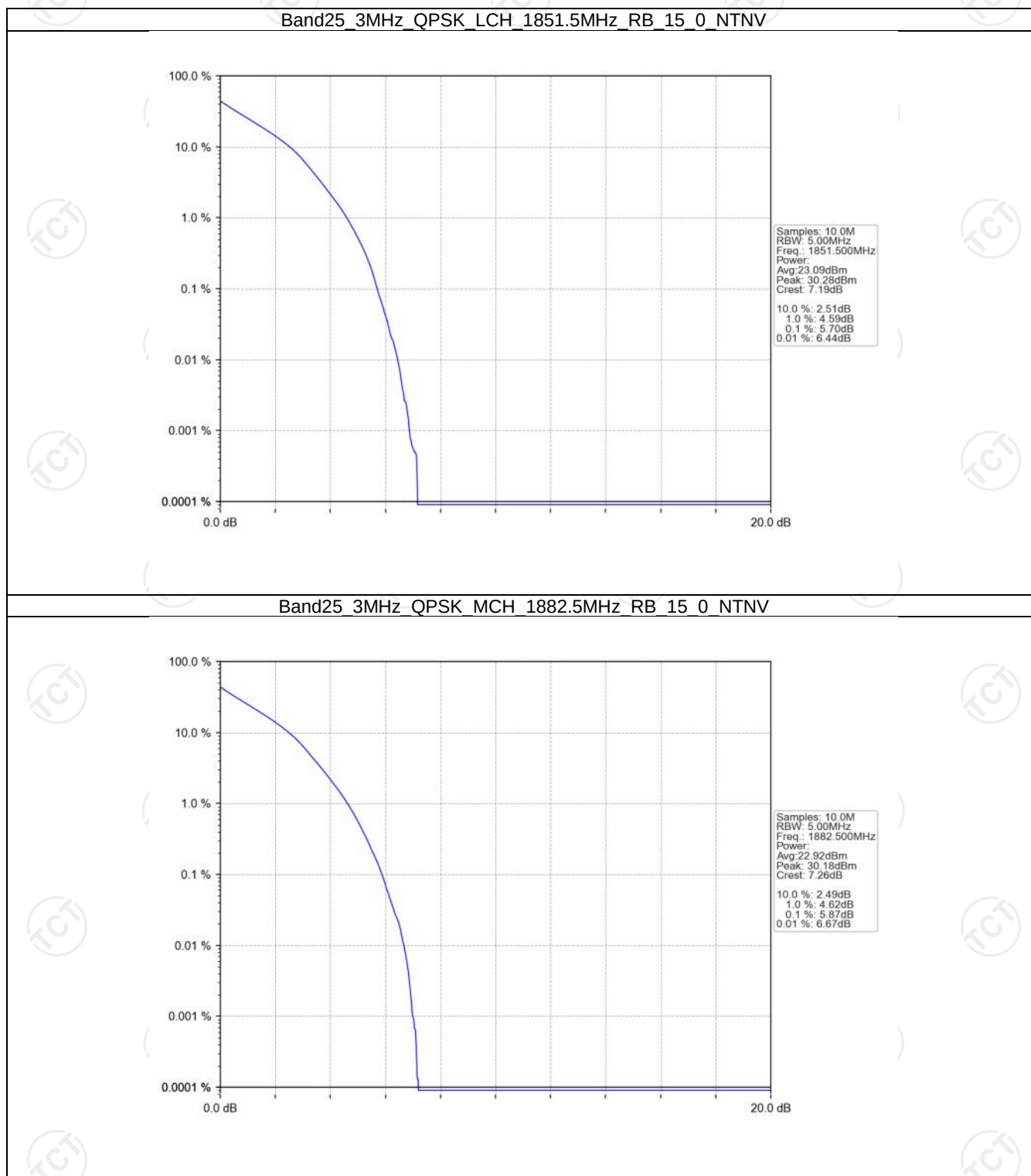
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTNV



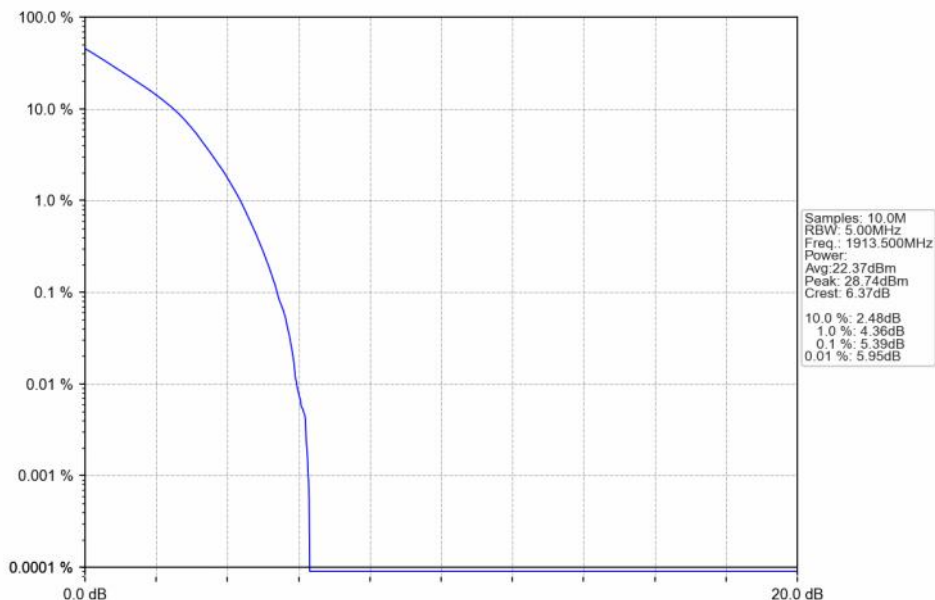
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTNV



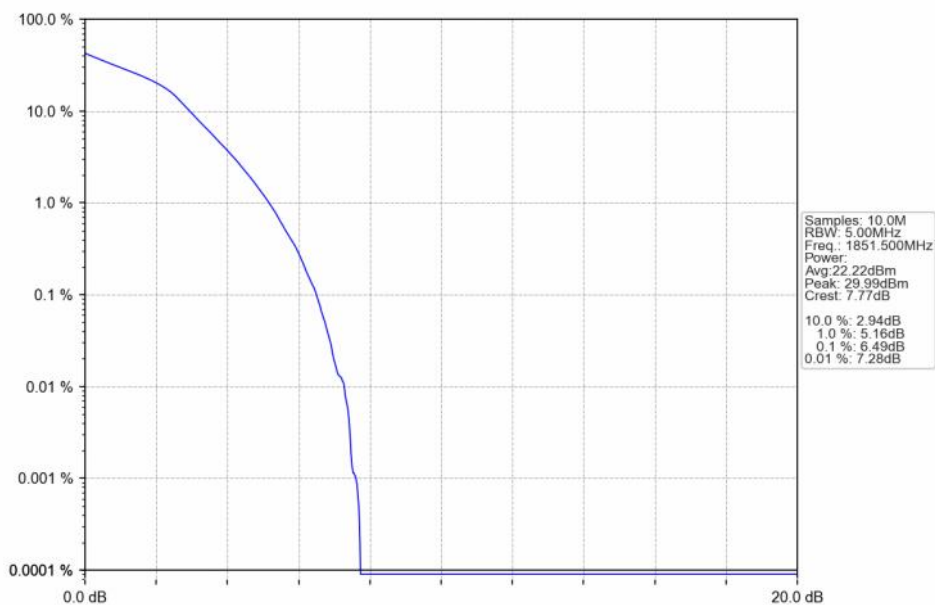
5.2.2 B25_3MHz



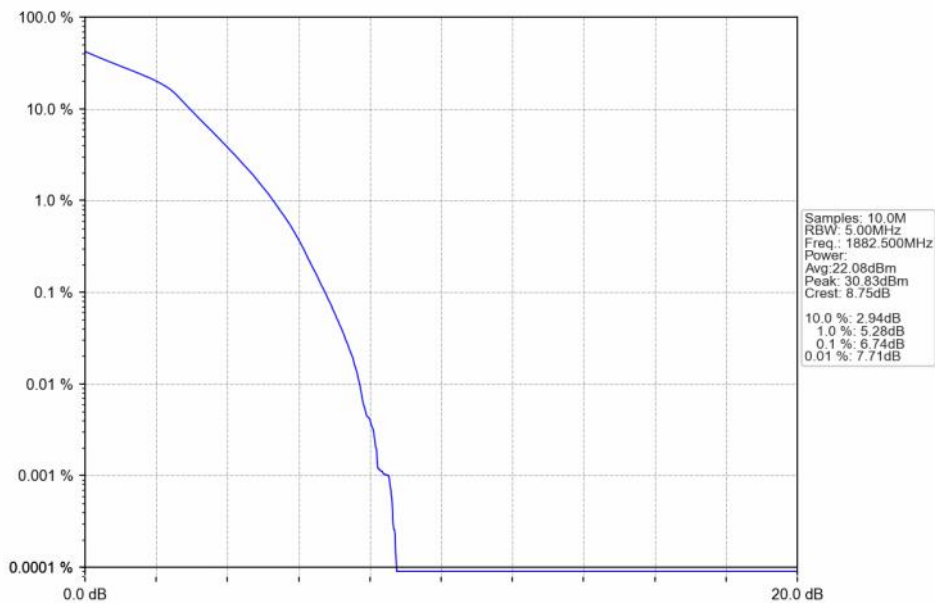
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



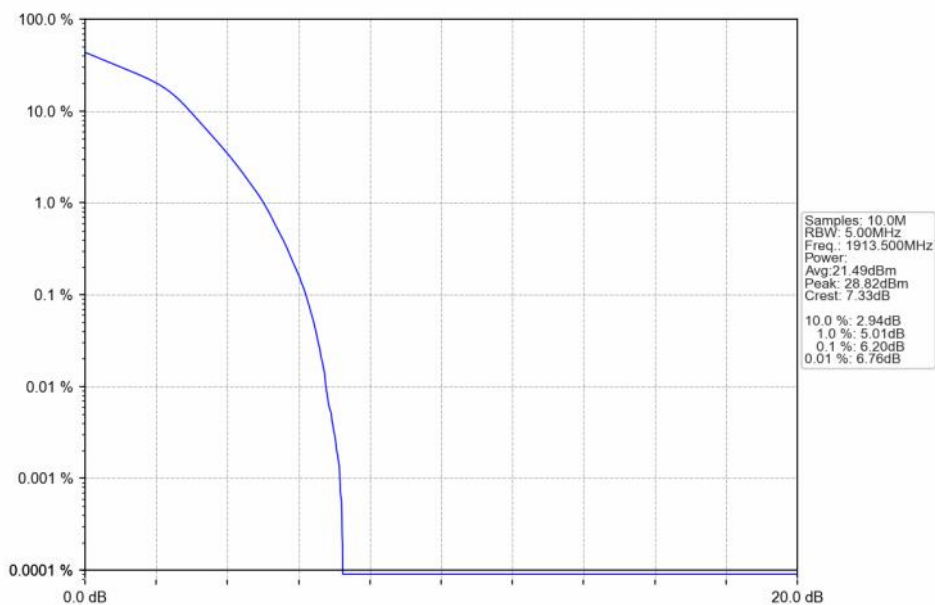
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



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



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



5.2.3 B25_5MHz

