

1. Effective (Isotropic) Radiated Power Output Data

1.1 B25_1.4MHz_EIRP

1.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	17.13	-1.29	15.84	<=33.01	Pass
			2	17.25	-1.29	15.96	<=33.01	Pass
			5	17.19	-1.29	15.90	<=33.01	Pass
		3	0	17.27	-1.29	15.98	<=33.01	Pass
			2	17.32	-1.29	16.03	<=33.01	Pass
			3	17.32	-1.29	16.03	<=33.01	Pass
		6	0	16.22	-1.29	14.93	<=33.01	Pass
	1882.5	1	0	18.06	-1.29	16.77	<=33.01	Pass
			2	18.22	-1.29	16.93	<=33.01	Pass
			5	18.13	-1.29	16.84	<=33.01	Pass
		3	0	18.21	-1.29	16.92	<=33.01	Pass
			2	18.24	-1.29	16.95	<=33.01	Pass
			3	18.26	-1.29	16.97	<=33.01	Pass
		6	0	17.15	-1.29	15.86	<=33.01	Pass
	1914.3	1	0	18.65	-1.29	17.36	<=33.01	Pass
			2	18.78	-1.29	17.49	<=33.01	Pass
			5	18.73	-1.29	17.44	<=33.01	Pass
		3	0	18.80	-1.29	17.51	<=33.01	Pass
			2	18.85	-1.29	17.56	<=33.01	Pass
			3	18.84	-1.29	17.55	<=33.01	Pass
16QAM	1850.7	1	0	16.18	-1.29	14.89	<=33.01	Pass
			2	16.23	-1.29	14.94	<=33.01	Pass
			5	16.20	-1.29	14.91	<=33.01	Pass
		3	0	16.57	-1.29	15.28	<=33.01	Pass
			2	16.59	-1.29	15.30	<=33.01	Pass
			3	16.60	-1.29	15.31	<=33.01	Pass
		6	0	15.25	-1.29	13.96	<=33.01	Pass
	1882.5	1	0	17.08	-1.29	15.79	<=33.01	Pass
			2	17.22	-1.29	15.93	<=33.01	Pass
			5	17.17	-1.29	15.88	<=33.01	Pass
		3	0	17.34	-1.29	16.05	<=33.01	Pass
			2	17.35	-1.29	16.06	<=33.01	Pass
			3	17.36	-1.29	16.07	<=33.01	Pass
		6	0	16.08	-1.29	14.79	<=33.01	Pass
	1914.3	1	0	17.85	-1.29	16.56	<=33.01	Pass
			2	17.98	-1.29	16.69	<=33.01	Pass
			5	17.92	-1.29	16.63	<=33.01	Pass
		3	0	17.82	-1.29	16.53	<=33.01	Pass
			2	17.88	-1.29	16.59	<=33.01	Pass
			3	17.90	-1.29	16.61	<=33.01	Pass
		6	0	16.81	-1.29	15.52	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B25_3MHz_EIRP

1.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1851.5	1	0	17.38	-1.29	16.09	<=33.01	Pass
			7	17.55	-1.29	16.26	<=33.01	Pass
			14	17.39	-1.29	16.10	<=33.01	Pass
		8	0	16.36	-1.29	15.07	<=33.01	Pass
			4	16.38	-1.29	15.09	<=33.01	Pass
			7	16.35	-1.29	15.06	<=33.01	Pass
		15	0	16.40	-1.29	15.11	<=33.01	Pass
	1882.5	1	0	18.18	-1.29	16.89	<=33.01	Pass
			7	18.39	-1.29	17.10	<=33.01	Pass
			14	18.39	-1.29	17.10	<=33.01	Pass
		8	0	17.26	-1.29	15.97	<=33.01	Pass
			4	17.30	-1.29	16.01	<=33.01	Pass
			7	17.30	-1.29	16.01	<=33.01	Pass
	15	0	17.36	-1.29	16.07	<=33.01	Pass	
	1913.5	1	0	18.74	-1.29	17.45	<=33.01	Pass
			7	18.95	-1.29	17.66	<=33.01	Pass
			14	18.88	-1.29	17.59	<=33.01	Pass
		8	0	17.78	-1.29	16.49	<=33.01	Pass
			4	17.84	-1.29	16.55	<=33.01	Pass
			7	17.80	-1.29	16.51	<=33.01	Pass
		15	0	17.81	-1.29	16.52	<=33.01	Pass
16QAM	1851.5	1	0	16.39	-1.29	15.10	<=33.01	Pass
			7	16.55	-1.29	15.26	<=33.01	Pass
			14	16.44	-1.29	15.15	<=33.01	Pass
		8	0	15.45	-1.29	14.16	<=33.01	Pass
			4	15.49	-1.29	14.20	<=33.01	Pass
			7	15.43	-1.29	14.14	<=33.01	Pass
		15	0	15.48	-1.29	14.19	<=33.01	Pass
	1882.5	1	0	17.35	-1.29	16.06	<=33.01	Pass
			7	17.65	-1.29	16.36	<=33.01	Pass
			14	17.51	-1.29	16.22	<=33.01	Pass
		8	0	16.25	-1.29	14.96	<=33.01	Pass
			4	16.30	-1.29	15.01	<=33.01	Pass
			7	16.33	-1.29	15.04	<=33.01	Pass
	15	0	16.31	-1.29	15.02	<=33.01	Pass	
	1913.5	1	0	18.29	-1.29	17.00	<=33.01	Pass
			7	18.52	-1.29	17.23	<=33.01	Pass
			14	18.46	-1.29	17.17	<=33.01	Pass
		8	0	16.92	-1.29	15.63	<=33.01	Pass
			4	17.03	-1.29	15.74	<=33.01	Pass
			7	17.00	-1.29	15.71	<=33.01	Pass
		15	0	16.86	-1.29	15.57	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1852.5	1	0	17.16	-1.29	15.87	<=33.01	Pass	
			13	17.34	-1.29	16.05	<=33.01	Pass	
			24	17.26	-1.29	15.97	<=33.01	Pass	
		12	0	16.34	-1.29	15.05	<=33.01	Pass	
			6	16.33	-1.29	15.04	<=33.01	Pass	
			13	16.25	-1.29	14.96	<=33.01	Pass	
		25	0	16.33	-1.29	15.04	<=33.01	Pass	
		1882.5	1	0	18.02	-1.29	16.73	<=33.01	Pass
				13	18.23	-1.29	16.94	<=33.01	Pass
	24			18.23	-1.29	16.94	<=33.01	Pass	
	12		0	17.21	-1.29	15.92	<=33.01	Pass	
			6	17.23	-1.29	15.94	<=33.01	Pass	
			13	17.19	-1.29	15.90	<=33.01	Pass	
	25	0	17.25	-1.29	15.96	<=33.01	Pass		
	1912.5	1	0	18.46	-1.29	17.17	<=33.01	Pass	
			13	18.76	-1.29	17.47	<=33.01	Pass	
			24	18.74	-1.29	17.45	<=33.01	Pass	
		12	0	17.40	-1.29	16.11	<=33.01	Pass	
			6	17.68	-1.29	16.39	<=33.01	Pass	
			13	17.57	-1.29	16.28	<=33.01	Pass	
		25	0	17.57	-1.29	16.28	<=33.01	Pass	
16QAM		1852.5	1	0	16.32	-1.29	15.03	<=33.01	Pass
				13	16.49	-1.29	15.20	<=33.01	Pass
	24			16.33	-1.29	15.04	<=33.01	Pass	
	12		0	15.38	-1.29	14.09	<=33.01	Pass	
			6	15.41	-1.29	14.12	<=33.01	Pass	
			13	15.30	-1.29	14.01	<=33.01	Pass	
	25		0	15.37	-1.29	14.08	<=33.01	Pass	
	1882.5	1	0	17.27	-1.29	15.98	<=33.01	Pass	
			13	17.53	-1.29	16.24	<=33.01	Pass	
			24	17.61	-1.29	16.32	<=33.01	Pass	
		12	0	16.26	-1.29	14.97	<=33.01	Pass	
			6	16.33	-1.29	15.04	<=33.01	Pass	
			13	16.32	-1.29	15.03	<=33.01	Pass	
	25	0	16.24	-1.29	14.95	<=33.01	Pass		
	1912.5	1	0	17.30	-1.29	16.01	<=33.01	Pass	
			13	17.56	-1.29	16.27	<=33.01	Pass	
			24	17.67	-1.29	16.38	<=33.01	Pass	
		12	0	16.48	-1.29	15.19	<=33.01	Pass	
			6	16.72	-1.29	15.43	<=33.01	Pass	
			13	16.67	-1.29	15.38	<=33.01	Pass	
		25	0	16.65	-1.29	15.36	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	17.22	-1.29	15.93	<=33.01	Pass
			25	17.54	-1.29	16.25	<=33.01	Pass

			49	17.24	-1.29	15.95	<=33.01	Pass	
			25	0	16.48	-1.29	15.19	<=33.01	Pass
				13	16.40	-1.29	15.11	<=33.01	Pass
				25	16.36	-1.29	15.07	<=33.01	Pass
		50	0	16.47	-1.29	15.18	<=33.01	Pass	
		1882.5	1	0	17.83	-1.29	16.54	<=33.01	Pass
				25	18.43	-1.29	17.14	<=33.01	Pass
				49	18.38	-1.29	17.09	<=33.01	Pass
	25		0	17.23	-1.29	15.94	<=33.01	Pass	
			13	17.31	-1.29	16.02	<=33.01	Pass	
			25	17.32	-1.29	16.03	<=33.01	Pass	
	50		0	17.30	-1.29	16.01	<=33.01	Pass	
	1910		1	0	18.15	-1.29	16.86	<=33.01	Pass
		25		18.66	-1.29	17.37	<=33.01	Pass	
		49		18.72	-1.29	17.43	<=33.01	Pass	
		25	0	17.63	-1.29	16.34	<=33.01	Pass	
			13	17.61	-1.29	16.32	<=33.01	Pass	
			25	17.74	-1.29	16.45	<=33.01	Pass	
		50	0	17.72	-1.29	16.43	<=33.01	Pass	
		16QAM	1855	1	0	16.24	-1.29	14.95	<=33.01
	25				16.53	-1.29	15.24	<=33.01	Pass
	49				16.24	-1.29	14.95	<=33.01	Pass
	25			0	15.59	-1.29	14.30	<=33.01	Pass
				13	15.55	-1.29	14.26	<=33.01	Pass
25				15.47	-1.29	14.18	<=33.01	Pass	
50	0			15.48	-1.29	14.19	<=33.01	Pass	
1882.5	1			0	17.04	-1.29	15.75	<=33.01	Pass
			25	17.48	-1.29	16.19	<=33.01	Pass	
			49	17.53	-1.29	16.24	<=33.01	Pass	
	25		0	16.34	-1.29	15.05	<=33.01	Pass	
			13	16.36	-1.29	15.07	<=33.01	Pass	
			25	16.36	-1.29	15.07	<=33.01	Pass	
	50		0	16.36	-1.29	15.07	<=33.01	Pass	
	1910		1	0	17.84	-1.29	16.55	<=33.01	Pass
25				18.26	-1.29	16.97	<=33.01	Pass	
49				18.33	-1.29	17.04	<=33.01	Pass	
25			0	16.74	-1.29	15.45	<=33.01	Pass	
			13	16.68	-1.29	15.39	<=33.01	Pass	
			25	16.85	-1.29	15.56	<=33.01	Pass	
50			0	16.79	-1.29	15.50	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.5 B25_15MHz_EIRP

1.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1857.5	1	0	17.00	-1.29	15.71	<=33.01	Pass
			38	17.25	-1.29	15.96	<=33.01	Pass
			74	17.02	-1.29	15.73	<=33.01	Pass
		36	0	16.27	-1.29	14.98	<=33.01	Pass
			18	16.30	-1.29	15.01	<=33.01	Pass
			39	16.25	-1.29	14.96	<=33.01	Pass

		75	0	16.35	-1.29	15.06	<=33.01	Pass
	1882.5	1	0	17.54	-1.29	16.25	<=33.01	Pass
			38	18.15	-1.29	16.86	<=33.01	Pass
			74	18.24	-1.29	16.95	<=33.01	Pass
			0	17.02	-1.29	15.73	<=33.01	Pass
		36	18	17.16	-1.29	15.87	<=33.01	Pass
			39	17.25	-1.29	15.96	<=33.01	Pass
	75	0	17.11	-1.29	15.82	<=33.01	Pass	
	1907.5	1	0	18.06	-1.29	16.77	<=33.01	Pass
			38	18.35	-1.29	17.06	<=33.01	Pass
			74	18.59	-1.29	17.30	<=33.01	Pass
		36	0	17.40	-1.29	16.11	<=33.01	Pass
			18	17.39	-1.29	16.10	<=33.01	Pass
			39	17.62	-1.29	16.33	<=33.01	Pass
	75	0	17.54	-1.29	16.25	<=33.01	Pass	
	16QAM	1857.5	1	0	16.50	-1.29	15.21	<=33.01
38				16.72	-1.29	15.43	<=33.01	Pass
74				16.46	-1.29	15.17	<=33.01	Pass
36			0	15.33	-1.29	14.04	<=33.01	Pass
			18	15.34	-1.29	14.05	<=33.01	Pass
			39	15.28	-1.29	13.99	<=33.01	Pass
75		0	15.31	-1.29	14.02	<=33.01	Pass	
1882.5		1	0	16.71	-1.29	15.42	<=33.01	Pass
			38	17.37	-1.29	16.08	<=33.01	Pass
			74	17.38	-1.29	16.09	<=33.01	Pass
		36	0	16.06	-1.29	14.77	<=33.01	Pass
			18	16.19	-1.29	14.90	<=33.01	Pass
			39	16.28	-1.29	14.99	<=33.01	Pass
75		0	16.13	-1.29	14.84	<=33.01	Pass	
1907.5		1	0	17.57	-1.29	16.28	<=33.01	Pass
			38	17.99	-1.29	16.70	<=33.01	Pass
			74	18.16	-1.29	16.87	<=33.01	Pass
		36	0	16.40	-1.29	15.11	<=33.01	Pass
			18	16.46	-1.29	15.17	<=33.01	Pass
			39	16.72	-1.29	15.43	<=33.01	Pass
75		0	16.54	-1.29	15.25	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	16.95	-1.29	15.66	<=33.01	Pass
			50	17.36	-1.29	16.07	<=33.01	Pass
			99	16.98	-1.29	15.69	<=33.01	Pass
		50	0	16.38	-1.29	15.09	<=33.01	Pass
			25	16.31	-1.29	15.02	<=33.01	Pass
			50	16.53	-1.29	15.24	<=33.01	Pass
		100	0	16.41	-1.29	15.12	<=33.01	Pass
	1882.5	1	0	17.31	-1.29	16.02	<=33.01	Pass
			50	18.26	-1.29	16.97	<=33.01	Pass
			99	18.08	-1.29	16.79	<=33.01	Pass

		50	0	17.09	-1.29	15.80	<=33.01	Pass
			25	17.24	-1.29	15.95	<=33.01	Pass
			50	17.21	-1.29	15.92	<=33.01	Pass
		100	0	17.15	-1.29	15.86	<=33.01	Pass
	1905	1	0	17.98	-1.29	16.69	<=33.01	Pass
			50	18.40	-1.29	17.11	<=33.01	Pass
			99	18.42	-1.29	17.13	<=33.01	Pass
		50	0	17.18	-1.29	15.89	<=33.01	Pass
			25	17.27	-1.29	15.98	<=33.01	Pass
			50	17.43	-1.29	16.14	<=33.01	Pass
		100	0	17.34	-1.29	16.05	<=33.01	Pass
16QAM	1860	1	0	16.46	-1.29	15.17	<=33.01	Pass
			50	16.92	-1.29	15.63	<=33.01	Pass
			99	16.53	-1.29	15.24	<=33.01	Pass
		50	0	15.42	-1.29	14.13	<=33.01	Pass
			25	15.31	-1.29	14.02	<=33.01	Pass
			50	15.52	-1.29	14.23	<=33.01	Pass
		100	0	15.45	-1.29	14.16	<=33.01	Pass
	1882.5	1	0	16.51	-1.29	15.22	<=33.01	Pass
			50	17.61	-1.29	16.32	<=33.01	Pass
			99	17.31	-1.29	16.02	<=33.01	Pass
		50	0	16.10	-1.29	14.81	<=33.01	Pass
			25	16.21	-1.29	14.92	<=33.01	Pass
			50	16.23	-1.29	14.94	<=33.01	Pass
		100	0	16.14	-1.29	14.85	<=33.01	Pass
	1905	1	0	20.95	-1.29	19.66	<=33.01	Pass
			50	20.90	-1.29	19.61	<=33.01	Pass
			99	21.49	-1.29	20.20	<=33.01	Pass
		50	0	19.45	-1.29	18.16	<=33.01	Pass
			25	19.48	-1.29	18.19	<=33.01	Pass
			50	19.83	-1.29	18.54	<=33.01	Pass
		100	0	19.62	-1.29	18.33	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B25_1.4MHz

2.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-12.116	-0.0065	-2.5 to 2.5	Pass
					3.85	30.227	0.0163	-2.5 to 2.5	Pass
					4.43	21.272	0.0115	-2.5 to 2.5	Pass
				-30	3.85	5.193	0.0028	-2.5 to 2.5	Pass
				-20	3.85	4.835	0.0026	-2.5 to 2.5	Pass
				-10	3.85	2.217	0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-6.194	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-1.888	-0.0010	-2.5 to 2.5	Pass

	1882.5	6	0	20	3.27	-18.454	-0.0098	-2.5 to 2.5	Pass
					3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
					4.43	-10.257	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-17.180	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-15.564	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-7.081	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-4.735	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-10.014	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
	50	3.85	-10.200	-0.0054	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	-7.668	-0.0040	-2.5 to 2.5	Pass
					3.85	-5.665	-0.0030	-2.5 to 2.5	Pass
					4.43	-2.317	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-4.277	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-8.669	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
10				3.85	-5.407	-0.0028	-2.5 to 2.5	Pass	
30				3.85	-0.787	-0.0004	-2.5 to 2.5	Pass	
40				3.85	-10.428	-0.0054	-2.5 to 2.5	Pass	
50	3.85	-9.513	-0.0050	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-12.417	-0.0067	-2.5 to 2.5	Pass
					3.85	-8.211	-0.0044	-2.5 to 2.5	Pass
					4.43	-3.533	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-12.131	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-8.855	-0.0048	-2.5 to 2.5	Pass
				-10	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.025	-0.0043	-2.5 to 2.5	Pass
				10	3.85	-12.732	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-9.999	-0.0054	-2.5 to 2.5	Pass
	50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass			
	1882.5	6	0	20	3.27	-16.394	-0.0087	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0035	-2.5 to 2.5	Pass
					4.43	-5.407	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.516	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-10.042	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-11.830	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-11.201	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-10.500	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass
	50	3.85	-17.624	-0.0094	-2.5 to 2.5	Pass			
	1914.3	6	0	20	3.27	-9.141	-0.0048	-2.5 to 2.5	Pass
					3.85	1.688	0.0009	-2.5 to 2.5	Pass
					4.43	-12.417	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
-10				3.85	0.157	0.0001	-2.5 to 2.5	Pass	
0				3.85	-0.944	-0.0005	-2.5 to 2.5	Pass	
10				3.85	-8.383	-0.0044	-2.5 to 2.5	Pass	
30				3.85	-7.253	-0.0038	-2.5 to 2.5	Pass	
40				3.85	-4.935	-0.0026	-2.5 to 2.5	Pass	
50	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass				

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-8.082	-0.0044	-2.5 to 2.5	Pass
					3.85	6.237	0.0034	-2.5 to 2.5	Pass
					4.43	15.392	0.0083	-2.5 to 2.5	Pass
				-30	3.85	8.268	0.0045	-2.5 to 2.5	Pass
				-20	3.85	5.479	0.0030	-2.5 to 2.5	Pass
				-10	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-5.736	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-6.652	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-10.486	-0.0057	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-58.894	-0.0313	-2.5 to 2.5	Pass
					3.85	-16.193	-0.0086	-2.5 to 2.5	Pass
					4.43	-14.806	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-19.770	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-14.863	-0.0079	-2.5 to 2.5	Pass
				0	3.85	-15.893	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-7.925	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-15.621	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-11.959	-0.0064	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	-13.275	-0.0069	-2.5 to 2.5	Pass
					3.85	0.129	0.0001	-2.5 to 2.5	Pass
					4.43	-7.896	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-7.482	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				10	3.85	8.039	0.0042	-2.5 to 2.5	Pass
				30	3.85	1.516	0.0008	-2.5 to 2.5	Pass
				40	3.85	-2.360	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-8.984	-0.0047	-2.5 to 2.5	Pass
16QAM	1851.5	15	0	20	3.27	-10.343	-0.0056	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0022	-2.5 to 2.5	Pass
					4.43	-11.458	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-7.539	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-16.565	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-10.943	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-11.487	-0.0062	-2.5 to 2.5	Pass
				10	3.85	-0.544	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-13.947	-0.0075	-2.5 to 2.5	Pass
	1882.5	15	0	20	3.27	-4.735	-0.0025	-2.5 to 2.5	Pass
					3.85	-7.625	-0.0041	-2.5 to 2.5	Pass
					4.43	-18.854	-0.0100	-2.5 to 2.5	Pass
				-30	3.85	-12.302	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-10.500	-0.0056	-2.5 to 2.5	Pass

				-10	3.85	-10.085	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-13.576	-0.0072	-2.5 to 2.5	Pass
				10	3.85	3.505	0.0019	-2.5 to 2.5	Pass
				30	3.85	-13.804	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-3.920	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-6.795	-0.0036	-2.5 to 2.5	Pass
	1913.5	15	0	20	3.27	3.247	0.0017	-2.5 to 2.5	Pass
					3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
					4.43	-7.482	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.362	0.0018	-2.5 to 2.5	Pass
				10	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-11.616	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass

2.3 B25_5MHz

2.3.1 Test Result

Band: 25 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	25	0	20	3.27	-6.223	-0.0034	-2.5 to 2.5	Pass
					3.85	1.674	0.0009	-2.5 to 2.5	Pass
					4.43	-2.990	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.645	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-6.580	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-10.586	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-23.031	-0.0124	-2.5 to 2.5	Pass
				30	3.85	-8.955	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-9.012	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-8.912	-0.0047	-2.5 to 2.5	Pass
					3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
					4.43	-10.057	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-4.864	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-11.430	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass
				0	3.85	1.616	0.0009	-2.5 to 2.5	Pass
				10	3.85	-6.351	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-11.401	-0.0061	-2.5 to 2.5	Pass
				40	3.85	-15.950	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-5.794	-0.0031	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-11.501	-0.0060	-2.5 to 2.5	Pass
					3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
					4.43	-0.615	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-9.212	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-12.474	-0.0065	-2.5 to 2.5	Pass
				-10	3.85	-16.508	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-4.606	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.753	-0.0041	-2.5 to 2.5	Pass

				30	3.85	-4.678	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.449	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-13.189	-0.0069	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	-9.370	-0.0051	-2.5 to 2.5	Pass
					3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-11.101	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-9.499	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-10.586	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-7.911	-0.0043	-2.5 to 2.5	Pass
				10	3.85	7.753	0.0042	-2.5 to 2.5	Pass
				30	3.85	-10.486	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-16.394	-0.0088	-2.5 to 2.5	Pass
				50	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass
	1882.5	25	0	20	3.27	-9.956	-0.0053	-2.5 to 2.5	Pass
					3.85	-3.362	-0.0018	-2.5 to 2.5	Pass
					4.43	-17.610	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-6.051	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-9.699	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-15.078	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-7.696	-0.0041	-2.5 to 2.5	Pass
				40	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass
	1912.5	25	0	20	3.27	-3.633	-0.0019	-2.5 to 2.5	Pass
					3.85	-7.653	-0.0040	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-0.229	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-4.678	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-9.599	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-2.360	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-8.268	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-7.710	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-11.301	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-4.792	-0.0025	-2.5 to 2.5	Pass

2.4 B25_10MHz

2.4.1 Test Result

Band: 25 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-4.020	-0.0022	-2.5 to 2.5	Pass
					3.85	2.074	0.0011	-2.5 to 2.5	Pass
					4.43	5.450	0.0029	-2.5 to 2.5	Pass
				-30	3.85	1.130	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.851	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.064	-0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.802	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-5.851	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-11.745	-0.0063	-2.5 to 2.5	Pass

	1882.5	50	0	20	3.27	-14.162	-0.0075	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
					4.43	-15.006	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-9.599	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-11.973	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-10.042	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-8.297	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-4.191	-0.0022	-2.5 to 2.5	Pass
	50	3.85	1.273	0.0007	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-5.536	-0.0029	-2.5 to 2.5	Pass
					3.85	-9.112	-0.0048	-2.5 to 2.5	Pass
					4.43	-5.722	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-3.119	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-7.653	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.727	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-8.826	-0.0046	-2.5 to 2.5	Pass
40				3.85	-6.580	-0.0034	-2.5 to 2.5	Pass	
50	3.85	-1.373	-0.0007	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-5.379	-0.0029	-2.5 to 2.5	Pass
					3.85	-5.422	-0.0029	-2.5 to 2.5	Pass
					4.43	-3.476	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-7.210	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-9.255	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-9.441	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-5.178	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass
	50	3.85	-2.747	-0.0015	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	-9.670	-0.0051	-2.5 to 2.5	Pass
					3.85	-7.725	-0.0041	-2.5 to 2.5	Pass
					4.43	-9.341	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-11.401	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-9.255	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-6.366	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-9.899	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-18.682	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-3.848	-0.0020	-2.5 to 2.5	Pass
	50	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-11.058	-0.0058	-2.5 to 2.5	Pass
					3.85	-4.563	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.462	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.765	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.839	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.180	-0.0032	-2.5 to 2.5	Pass
				10	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass
30				3.85	-8.483	-0.0044	-2.5 to 2.5	Pass	
40				3.85	-5.178	-0.0027	-2.5 to 2.5	Pass	
50	3.85	-3.762	-0.0020	-2.5 to 2.5	Pass				

2.5 B25_15MHz

2.5.1 Test Result

Band: 25 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-1.888	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
					4.43	3.476	0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.764	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.693	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
				50	3.85	-8.011	-0.0043	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-8.297	-0.0044	-2.5 to 2.5	Pass
					3.85	-10.543	-0.0056	-2.5 to 2.5	Pass
					4.43	-8.311	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-13.719	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-11.430	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-11.415	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-12.360	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-7.067	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-11.144	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-9.727	-0.0052	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-6.680	-0.0035	-2.5 to 2.5	Pass
					3.85	-2.532	-0.0013	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-7.482	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.821	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-3.347	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.489	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-11.787	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
16QAM	1857.5	75	0	20	3.27	-8.354	-0.0045	-2.5 to 2.5	Pass
					3.85	-3.777	-0.0020	-2.5 to 2.5	Pass
					4.43	1.259	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-7.725	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-4.020	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				0	3.85	1.202	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-8.225	-0.0044	-2.5 to 2.5	Pass
				40	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-7.539	-0.0041	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	-14.048	-0.0075	-2.5 to 2.5	Pass
					3.85	-9.170	-0.0049	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-8.941	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass

				-10	3.85	-7.582	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-0.672	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-8.698	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-3.877	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-13.161	-0.0069	-2.5 to 2.5	Pass
					3.85	-7.367	-0.0039	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.505	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.794	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-7.010	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-10.371	-0.0054	-2.5 to 2.5	Pass

2.6 B25_20MHz

2.6.1 Test Result

Band: 25 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	3.204	0.0017	-2.5 to 2.5	Pass
					3.85	2.847	0.0015	-2.5 to 2.5	Pass
					4.43	1.245	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-1.416	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-6.480	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-8.240	-0.0044	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-12.989	-0.0069	-2.5 to 2.5	Pass
					3.85	-15.807	-0.0084	-2.5 to 2.5	Pass
					4.43	-10.901	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-13.018	-0.0069	-2.5 to 2.5	Pass
				-20	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-9.813	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-11.787	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-8.755	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-9.542	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-7.925	-0.0042	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-6.251	-0.0033	-2.5 to 2.5	Pass
					3.85	-7.696	-0.0040	-2.5 to 2.5	Pass
					4.43	-2.847	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.912	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-5.078	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-6.995	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-8.812	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-11.601	-0.0061	-2.5 to 2.5	Pass

				30	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-8.111	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0016	-2.5 to 2.5	Pass
16QAM	1860	100	0	20	3.27	-7.367	-0.0040	-2.5 to 2.5	Pass
					3.85	-8.783	-0.0047	-2.5 to 2.5	Pass
					4.43	-3.533	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-6.909	-0.0037	-2.5 to 2.5	Pass
				-20	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-3.991	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-1.960	-0.0011	-2.5 to 2.5	Pass
	1882.5	100	0	20	3.27	-8.154	-0.0043	-2.5 to 2.5	Pass
					3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
					4.43	-6.809	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-7.696	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-8.368	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-7.954	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-13.819	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-11.029	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-12.002	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
	1905	100	0	20	3.27	-9.098	-0.0048	-2.5 to 2.5	Pass
					3.85	-9.427	-0.0049	-2.5 to 2.5	Pass
					4.43	-9.956	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-8.583	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-6.623	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.207	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-9.298	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass

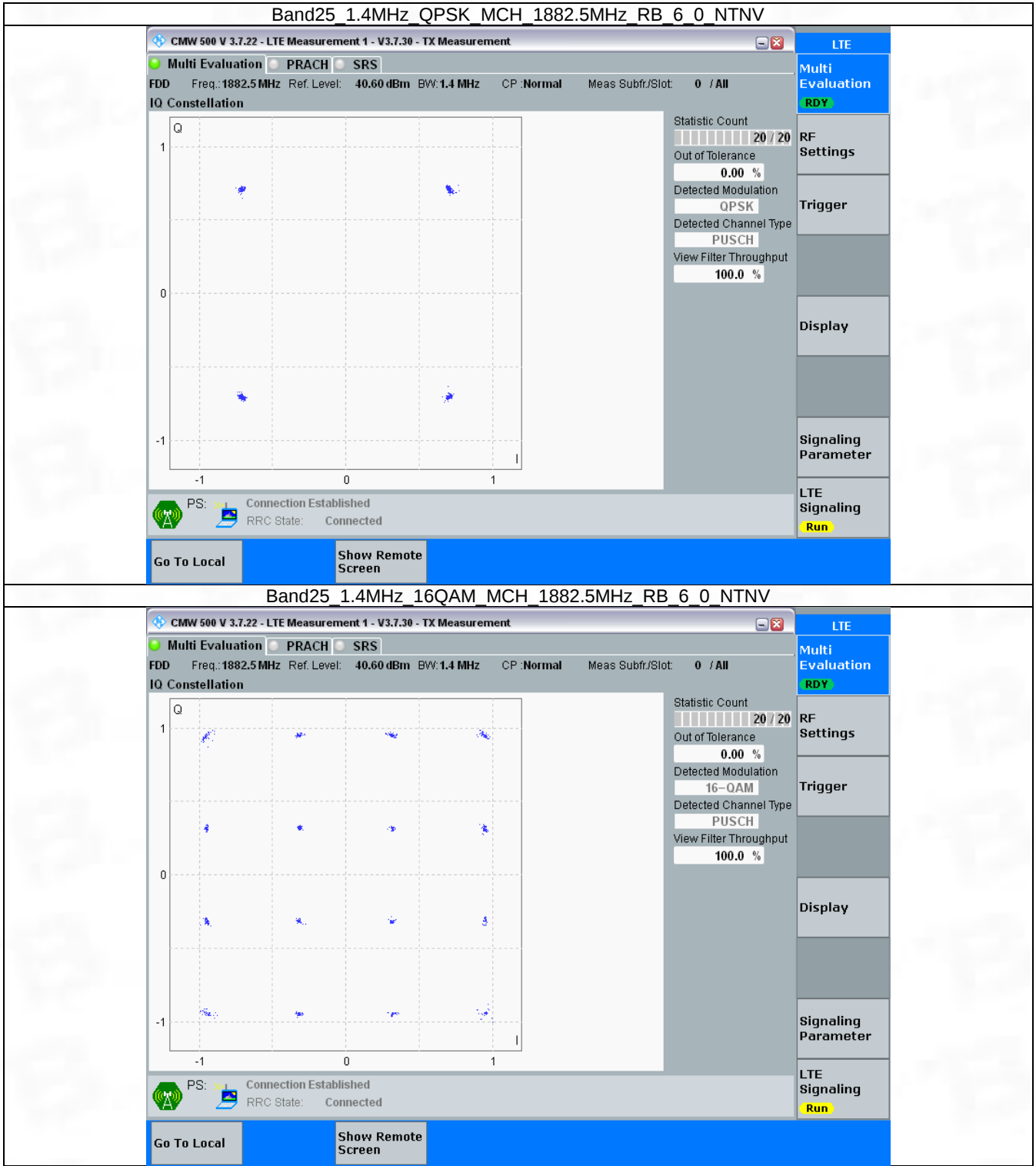
3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

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

3.1.2 Test Graph

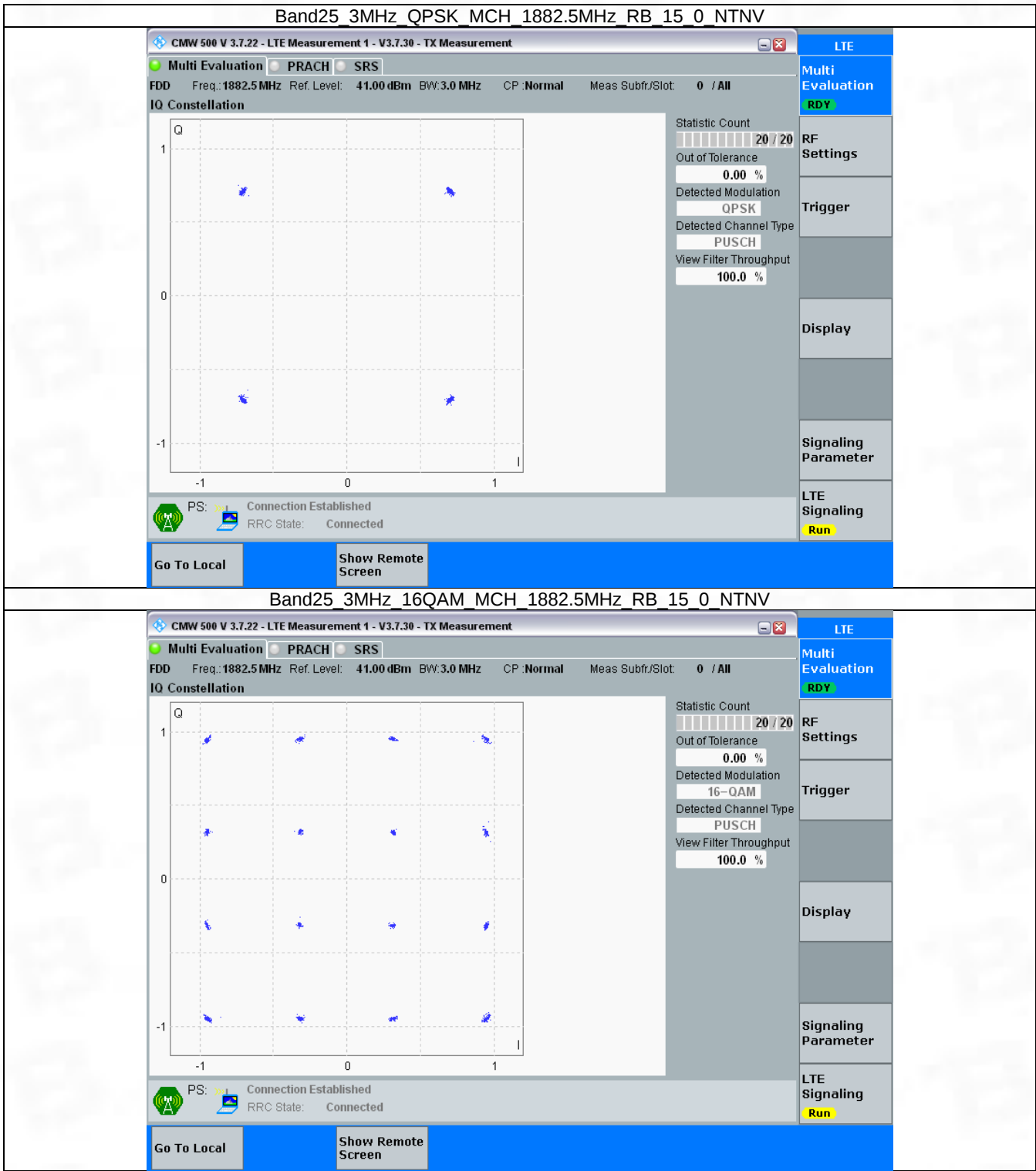


3.2 B25_3MHz

3.2.1 Test Result

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

3.2.2 Test Graph

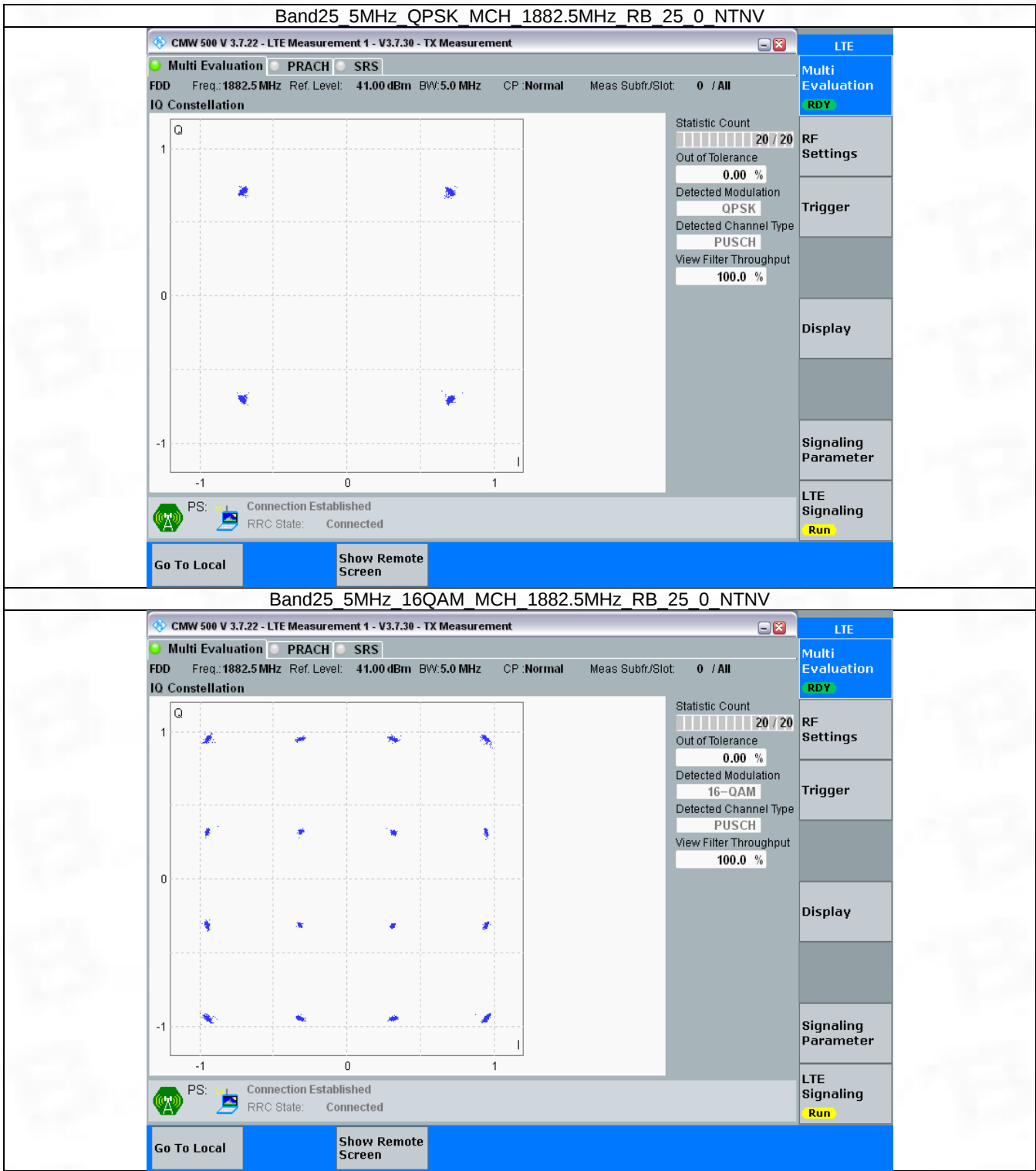


3.3 B25_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph

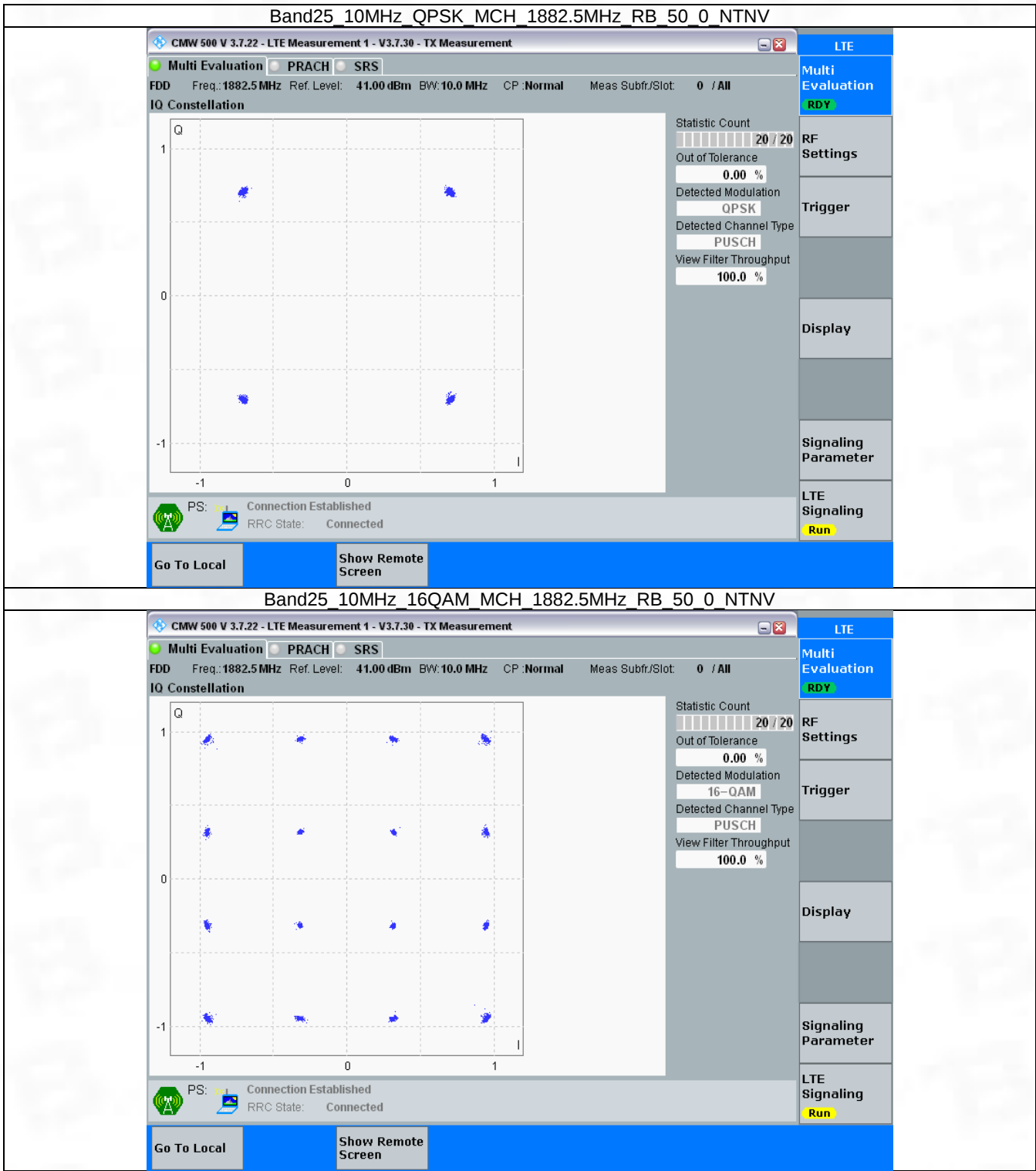


3.4 B25_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

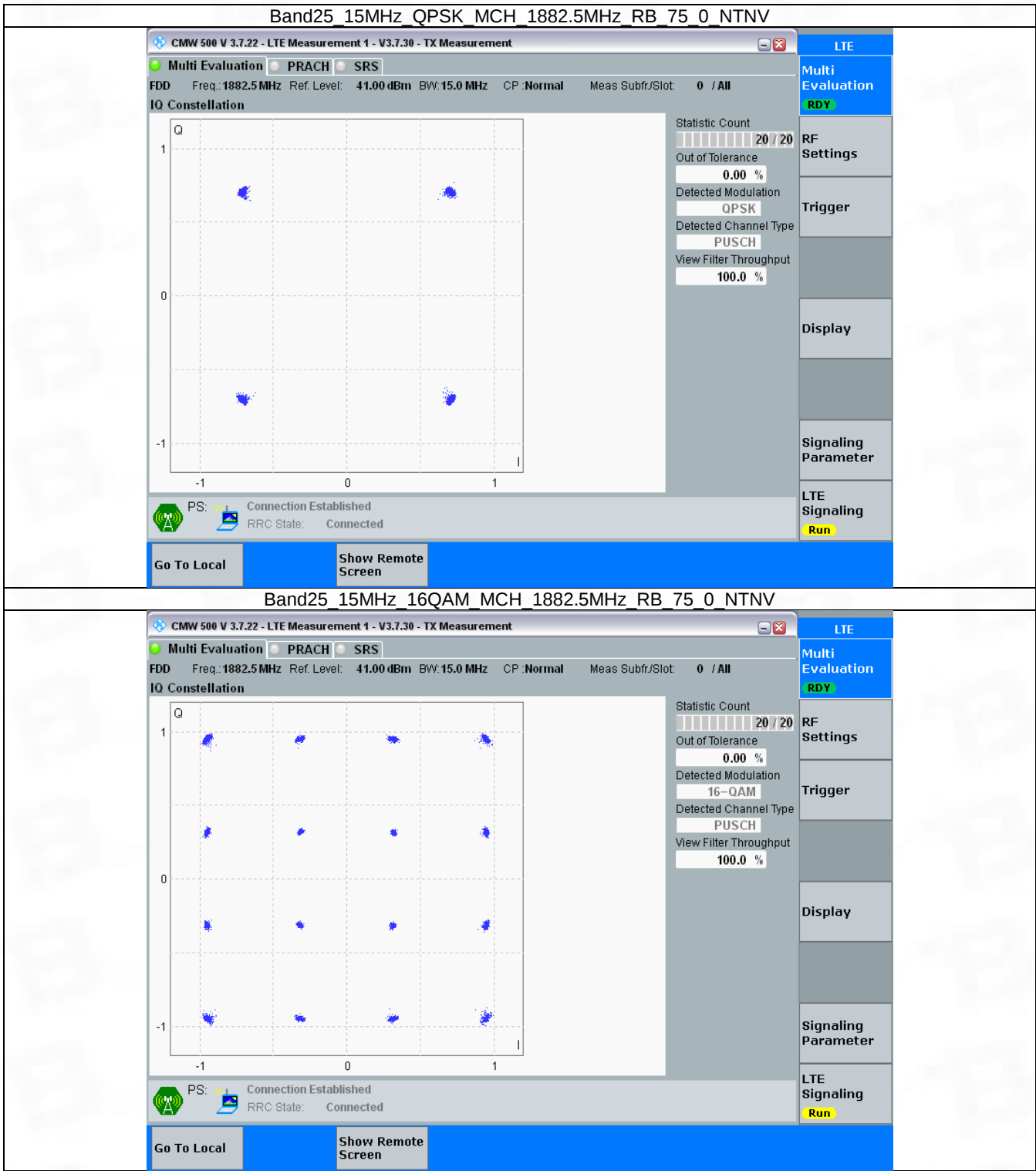


3.5 B25_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

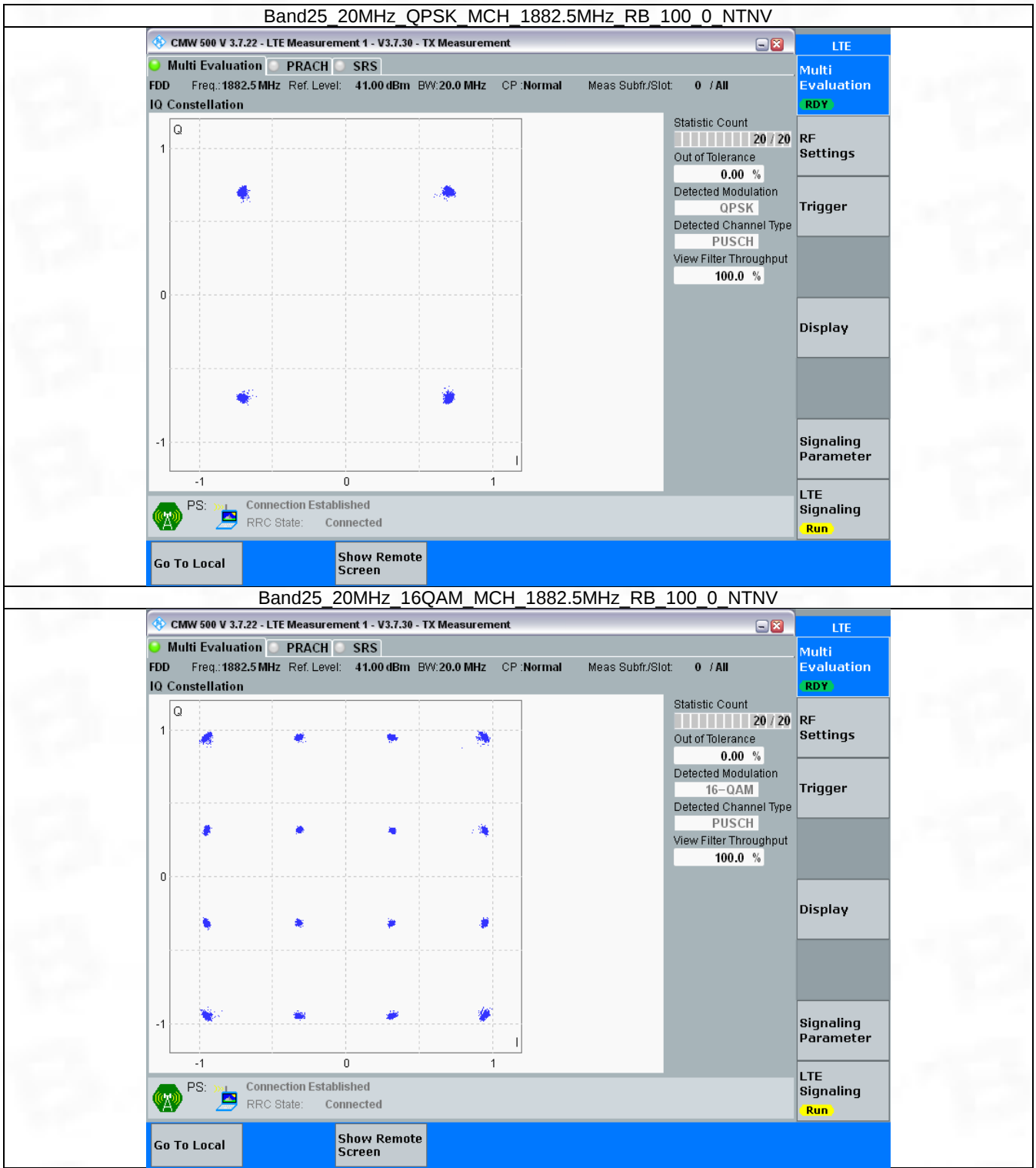


3.6 B25_20MHz

3.6.1 Test Result

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

3.6.2 Test Graph



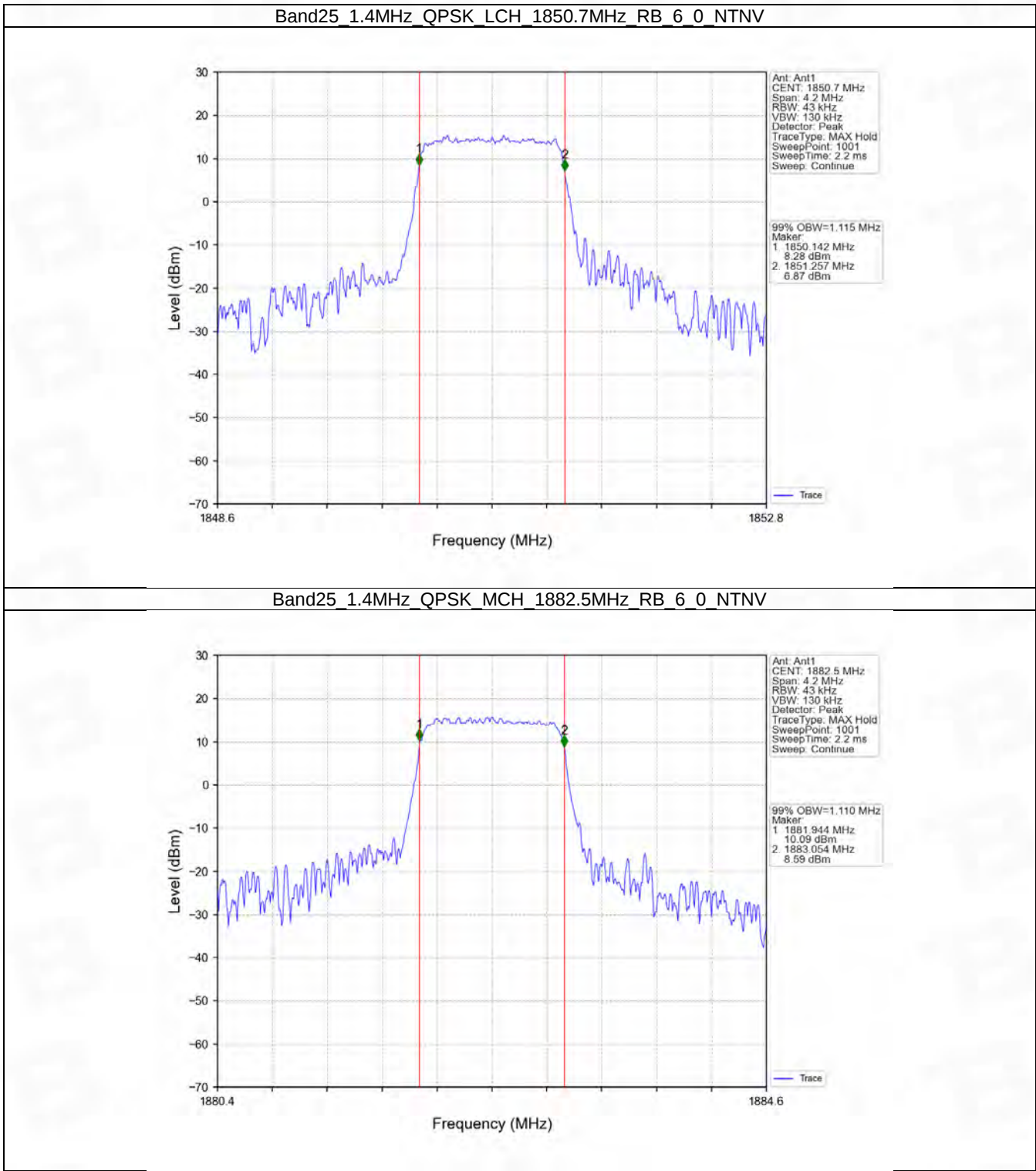
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

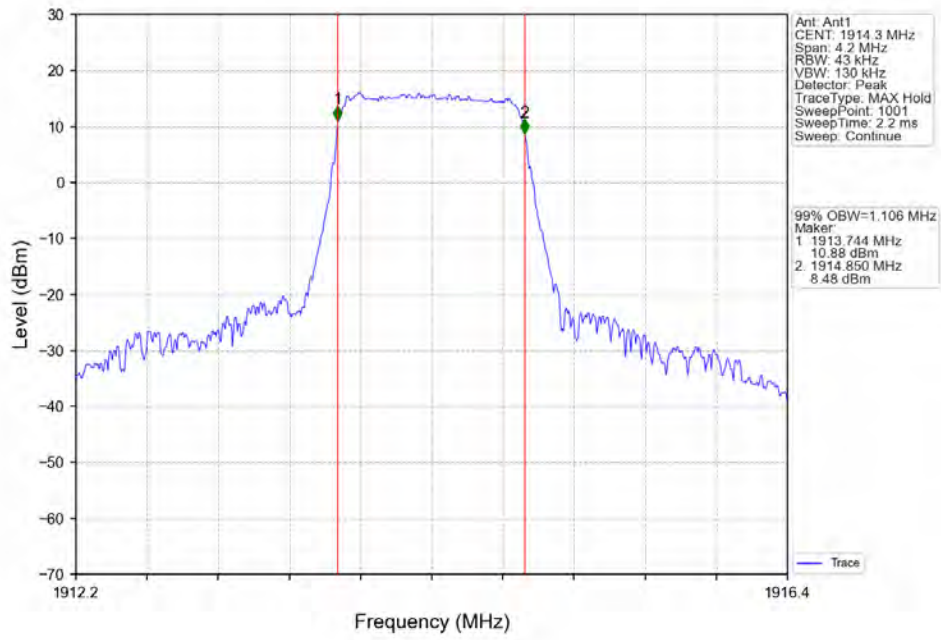
4.1.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.115	/	Pass
		1882.5	6	0	1.110	/	Pass
		1914.3	6	0	1.106	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1882.5	6	0	1.108	/	Pass
		1914.3	6	0	1.105	/	Pass
3	QPSK	1851.5	15	0	2.729	/	Pass
		1882.5	15	0	2.727	/	Pass
		1913.5	15	0	2.723	/	Pass
	16QAM	1851.5	15	0	2.721	/	Pass
		1882.5	15	0	2.723	/	Pass
		1913.5	15	0	2.716	/	Pass
5	QPSK	1852.5	25	0	4.578	/	Pass
		1882.5	25	0	4.561	/	Pass
		1912.5	25	0	4.573	/	Pass
	16QAM	1852.5	25	0	4.595	/	Pass
		1882.5	25	0	4.590	/	Pass
		1912.5	25	0	4.550	/	Pass
10	QPSK	1855	50	0	9.113	/	Pass
		1882.5	50	0	9.062	/	Pass
		1910	50	0	9.123	/	Pass
	16QAM	1855	50	0	9.100	/	Pass
		1882.5	50	0	9.063	/	Pass
		1910	50	0	9.100	/	Pass
15	QPSK	1857.5	75	0	13.692	/	Pass
		1882.5	75	0	13.586	/	Pass
		1907.5	75	0	13.675	/	Pass
	16QAM	1857.5	75	0	13.655	/	Pass
		1882.5	75	0	13.620	/	Pass
		1907.5	75	0	13.668	/	Pass
20	QPSK	1860	100	0	18.182	/	Pass
		1882.5	100	0	18.145	/	Pass
		1905	100	0	18.131	/	Pass
	16QAM	1860	100	0	18.236	/	Pass
		1882.5	100	0	18.087	/	Pass
		1905	100	0	18.101	/	Pass

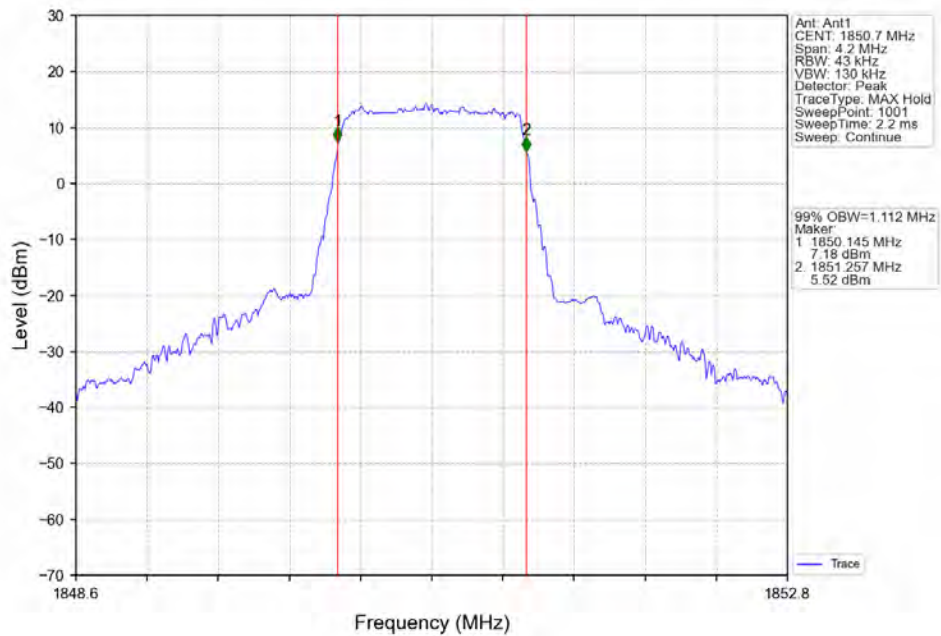
4.1.2 Test Graph



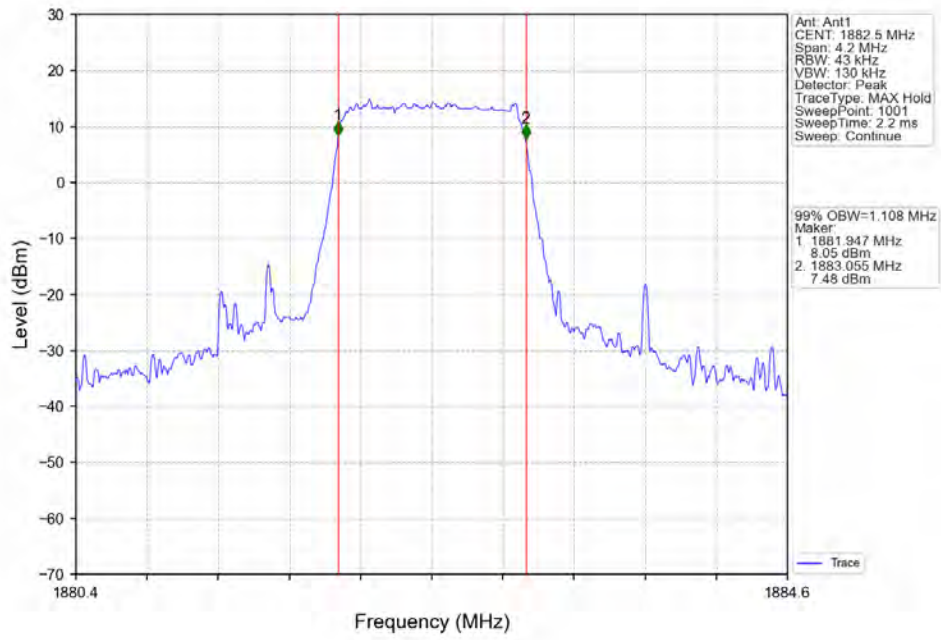
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



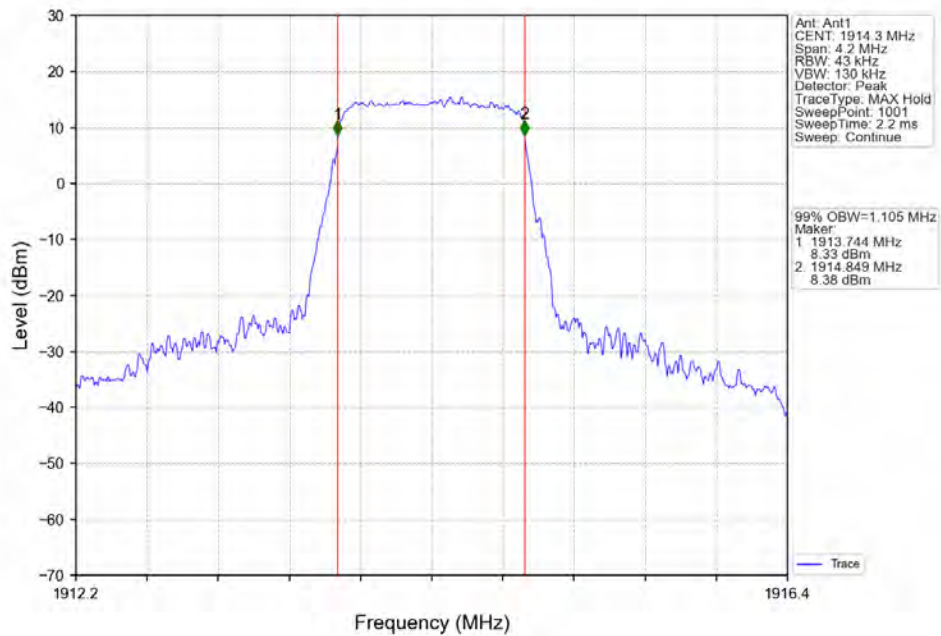
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



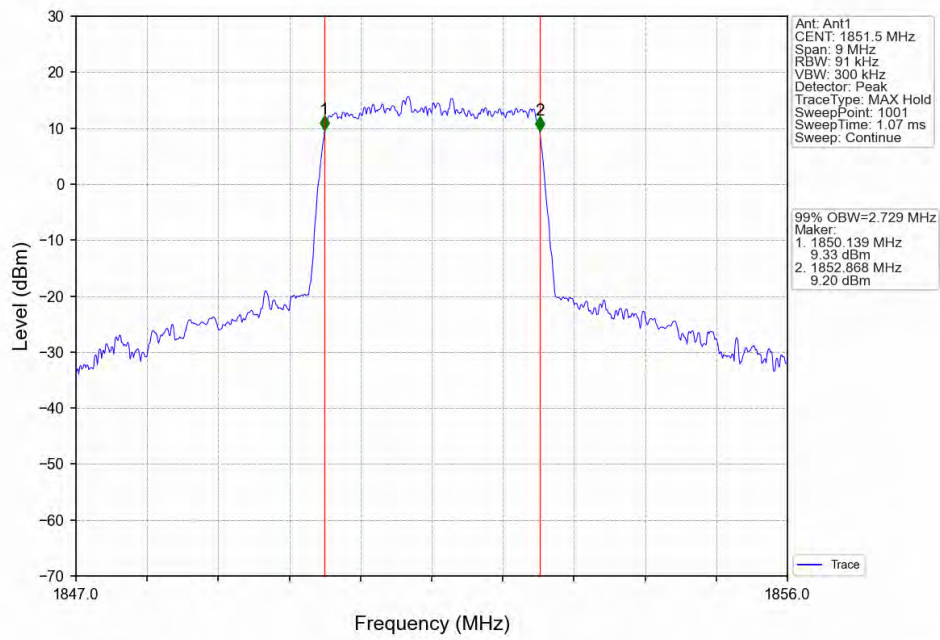
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



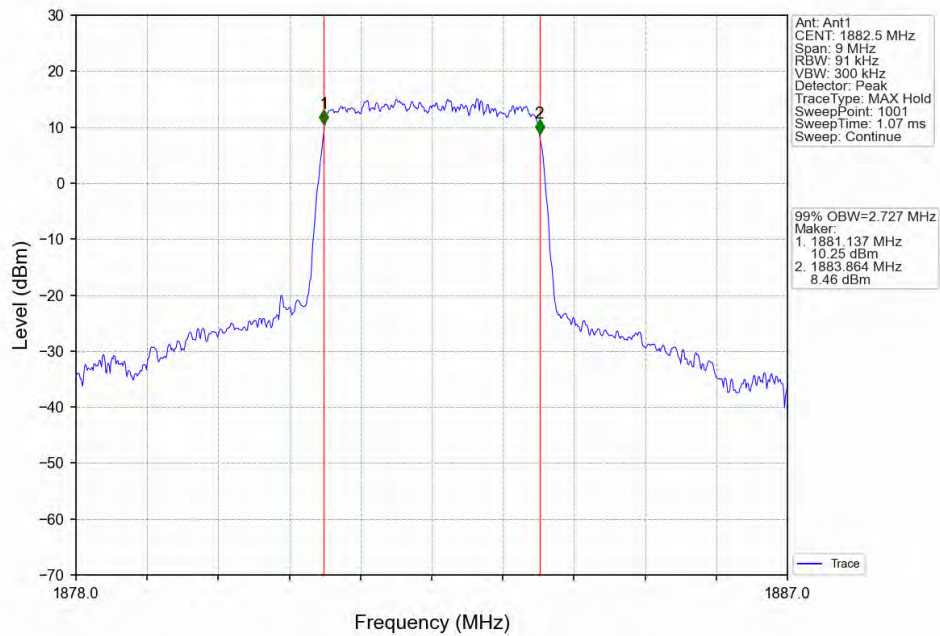
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



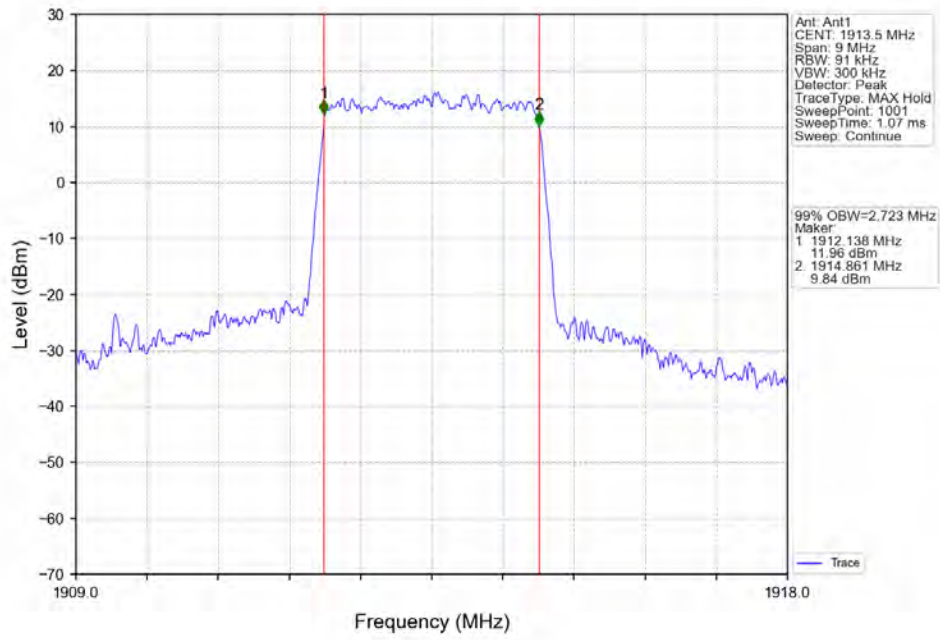
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



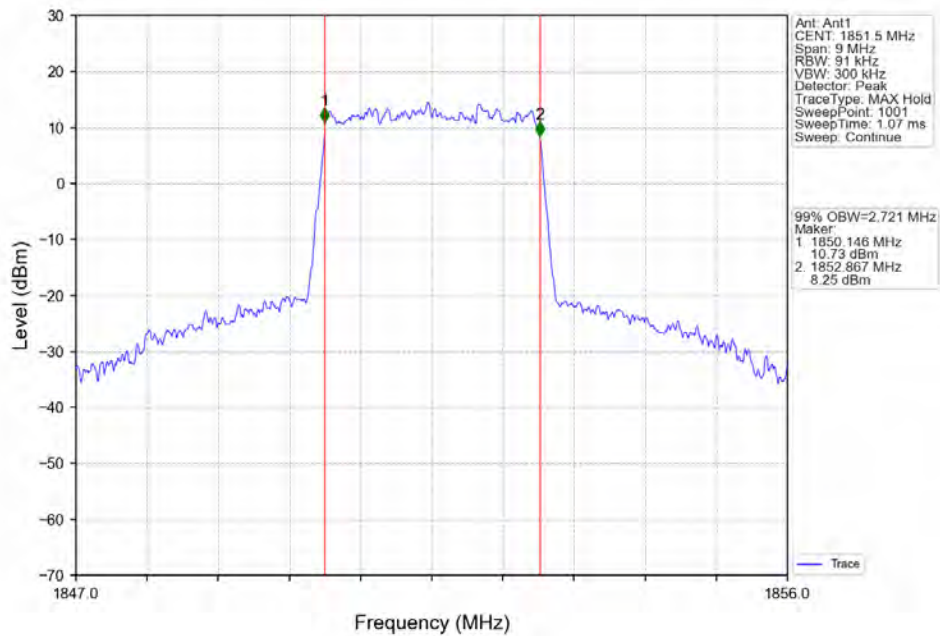
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTNV



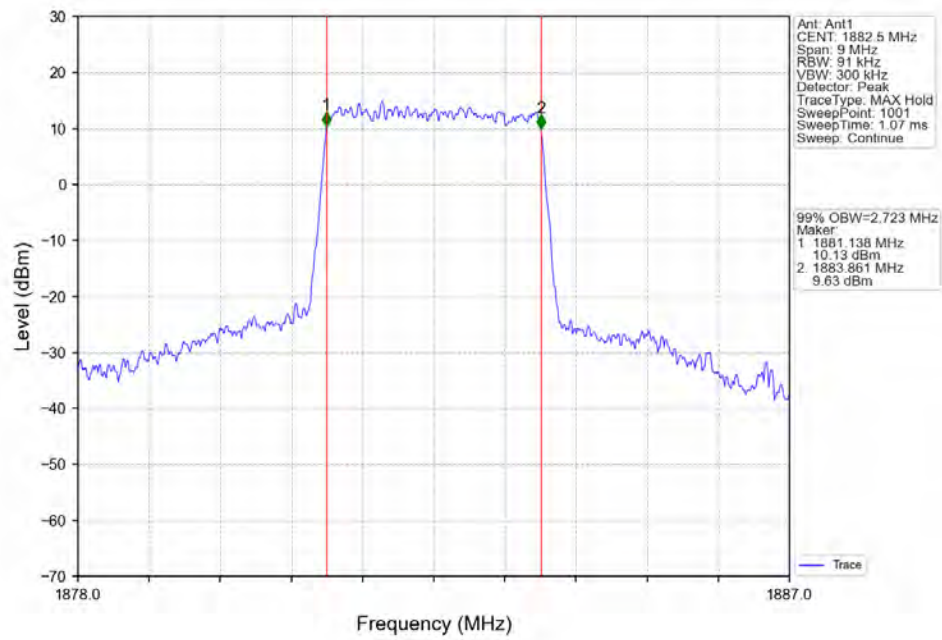
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



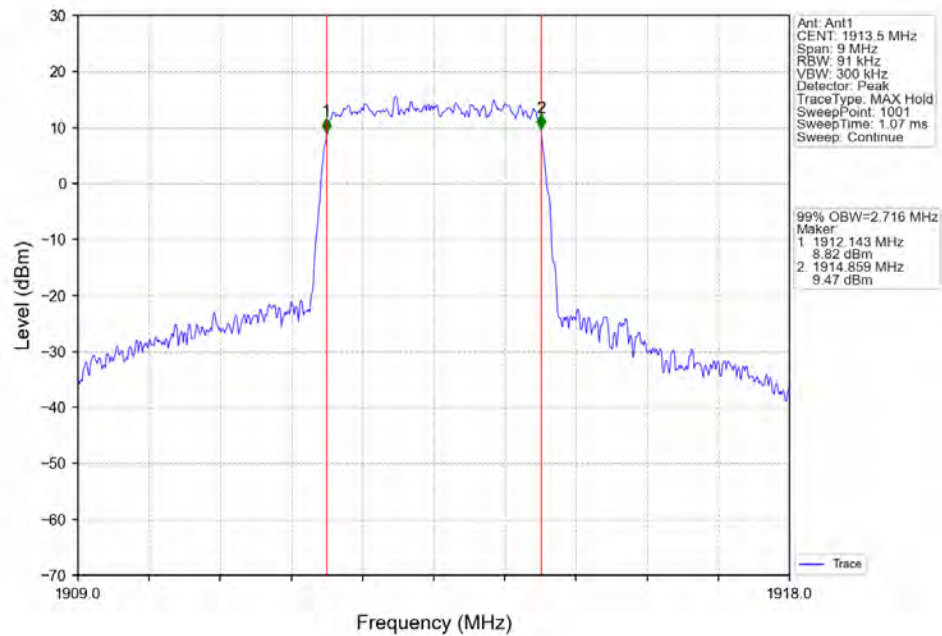
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



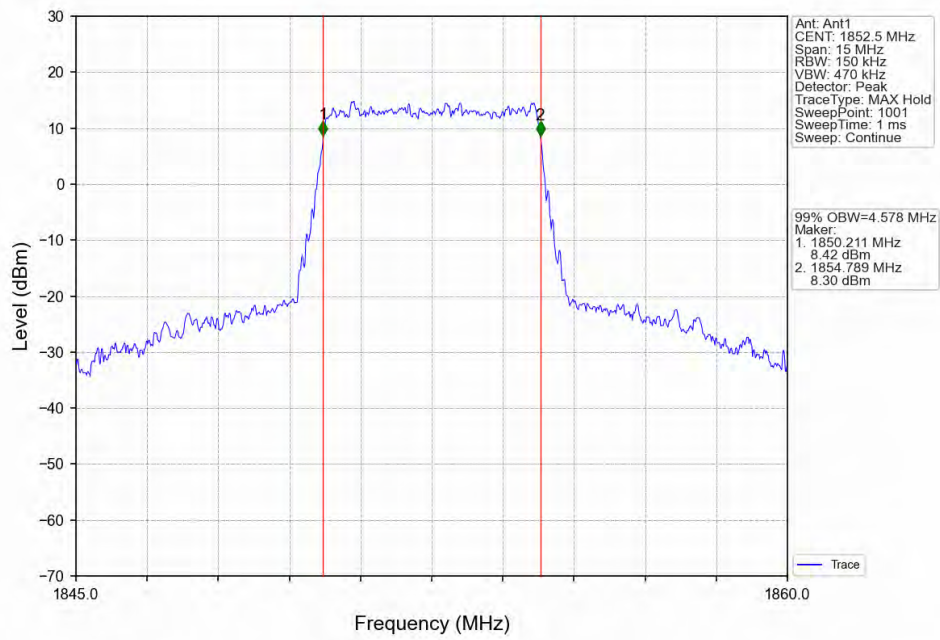
Band25 3MHz 16QAM MCH 1882.5MHz RB 15.0 NTNV



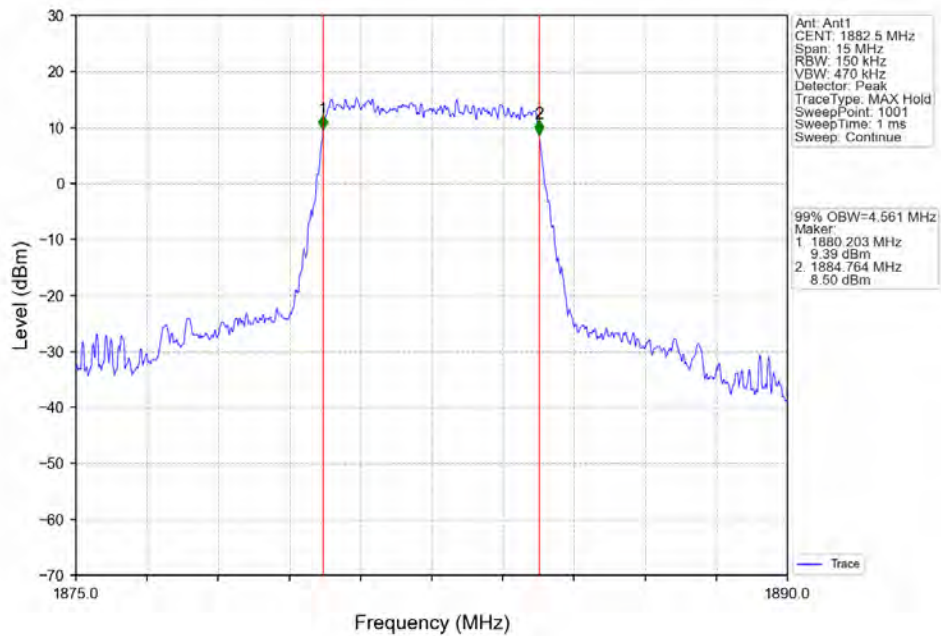
Band25 3MHz 16QAM HCH 1913.5MHz RB 15.0 NTNV



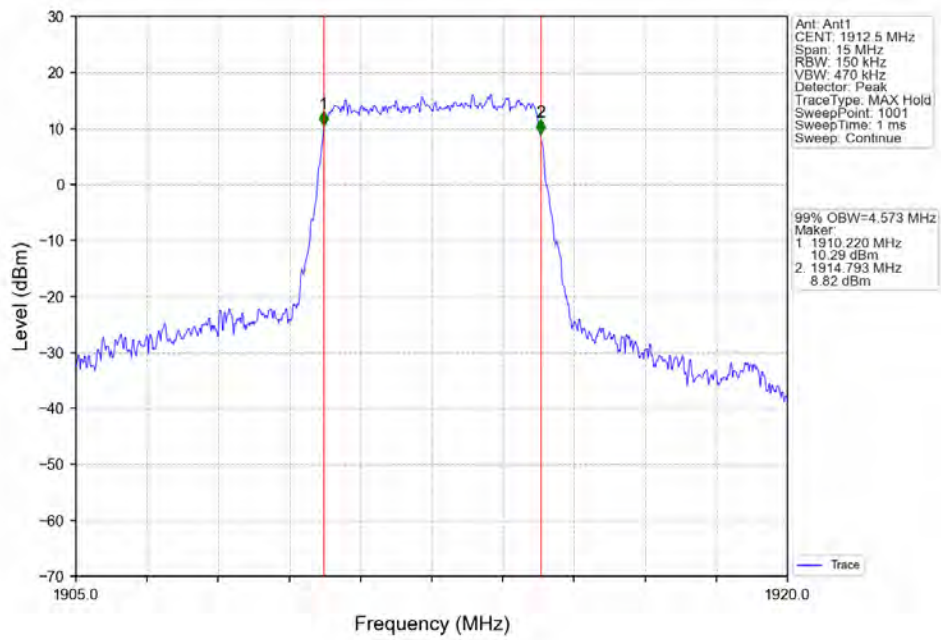
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



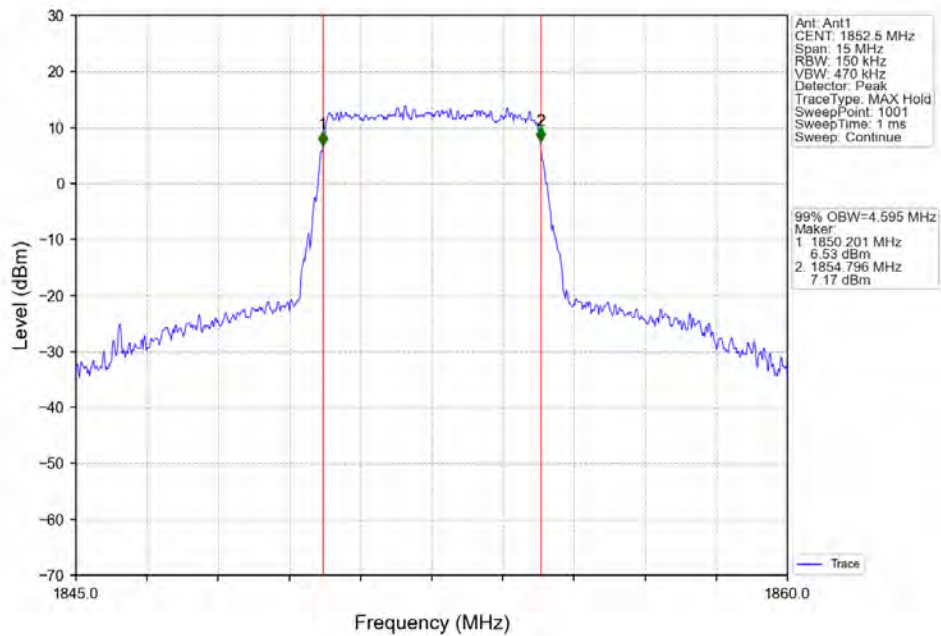
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



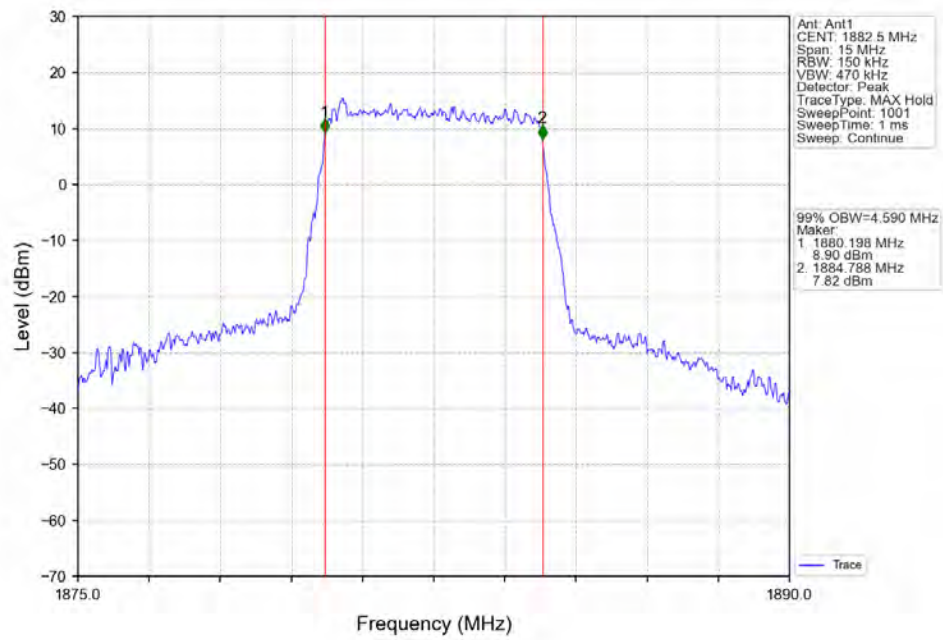
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



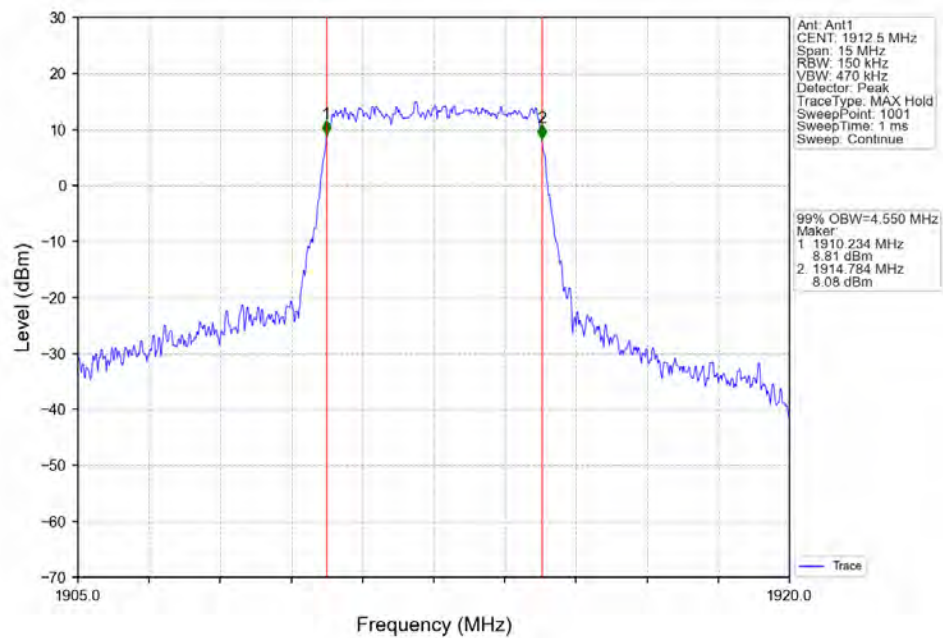
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



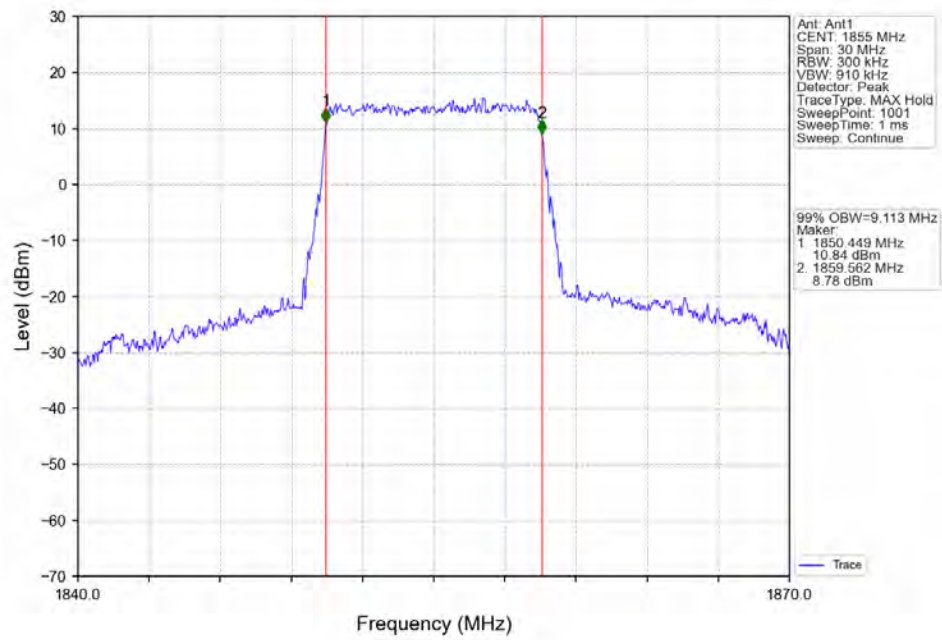
Band25 5MHz 16QAM MCH 1882.5MHz RB 25.0 NTNV



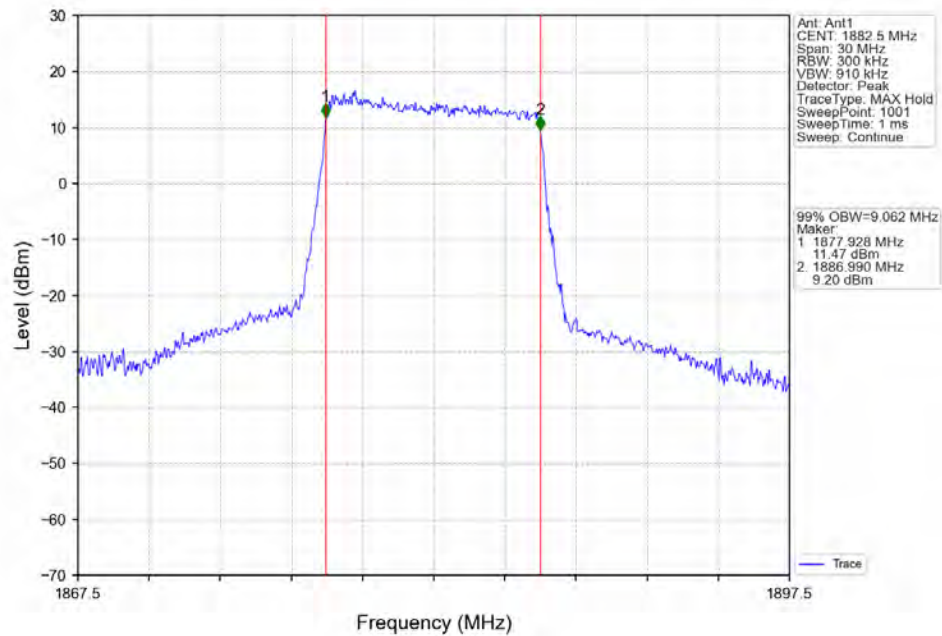
Band25 5MHz 16QAM HCH 1912.5MHz RB 25.0 NTNV



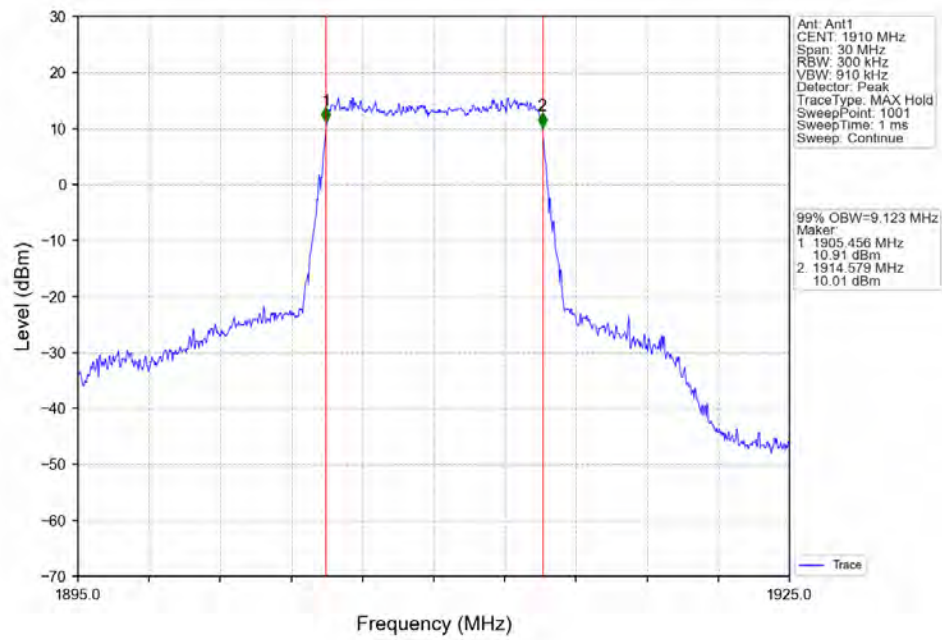
Band25 10MHz QPSK LCH 1855MHz RB 50.0 NTNV



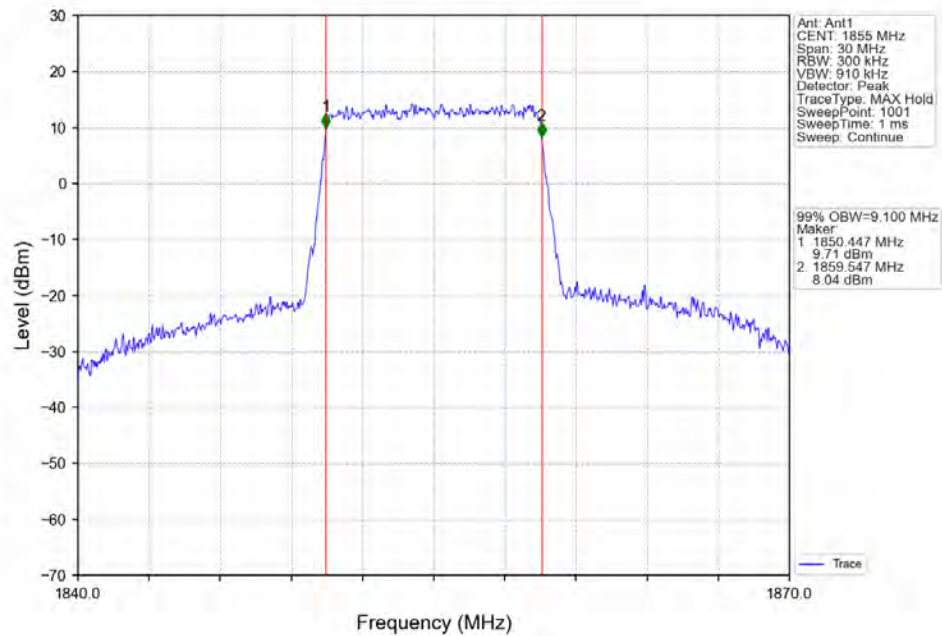
Band25 10MHz QPSK MCH 1882.5MHz RB 50.0 NTNV



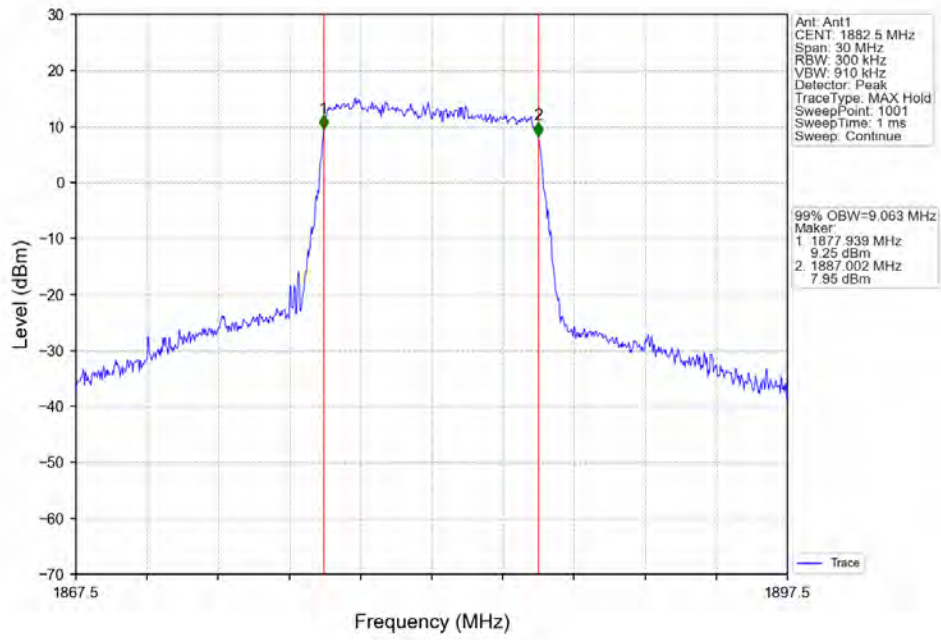
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



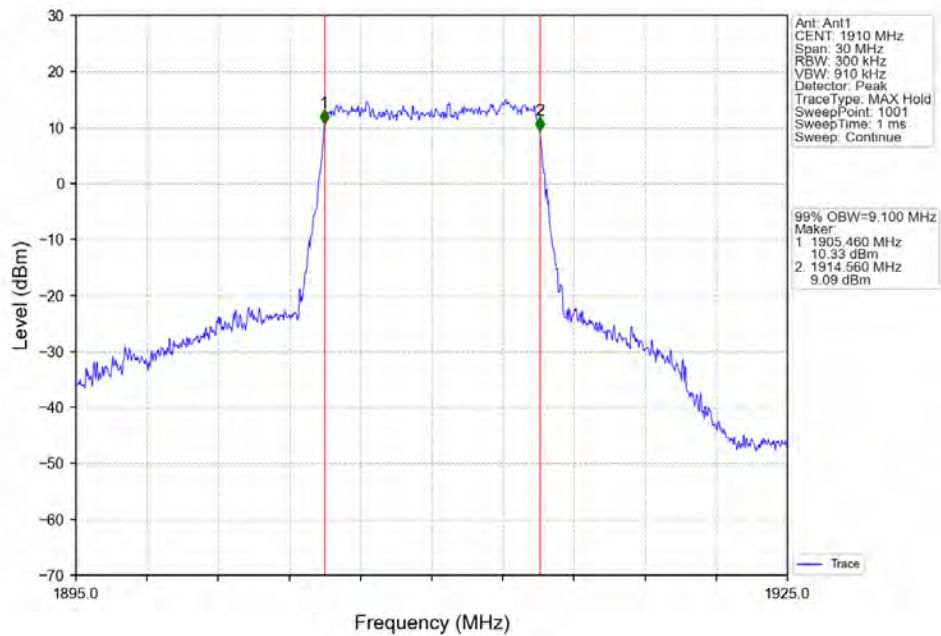
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



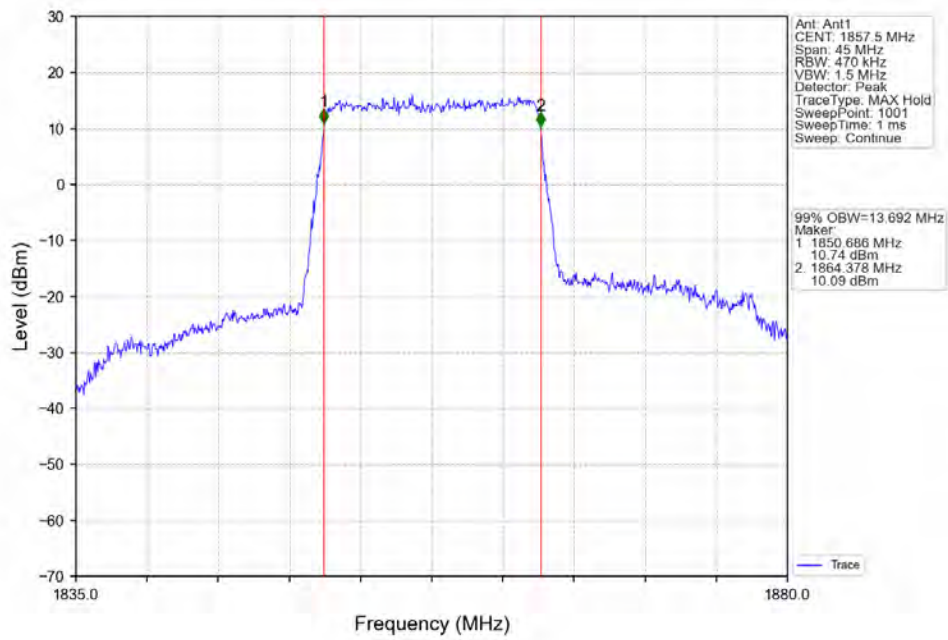
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



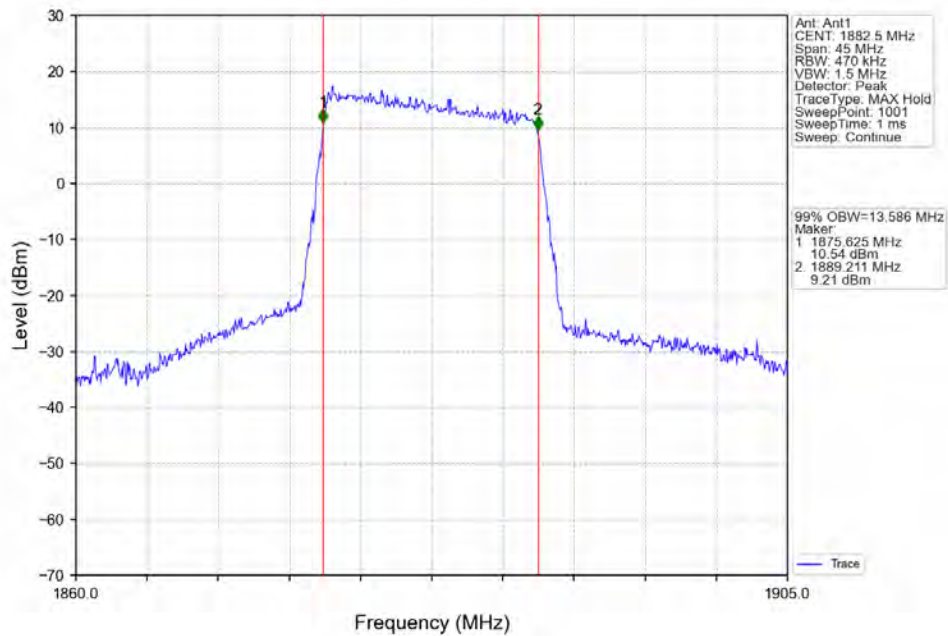
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV



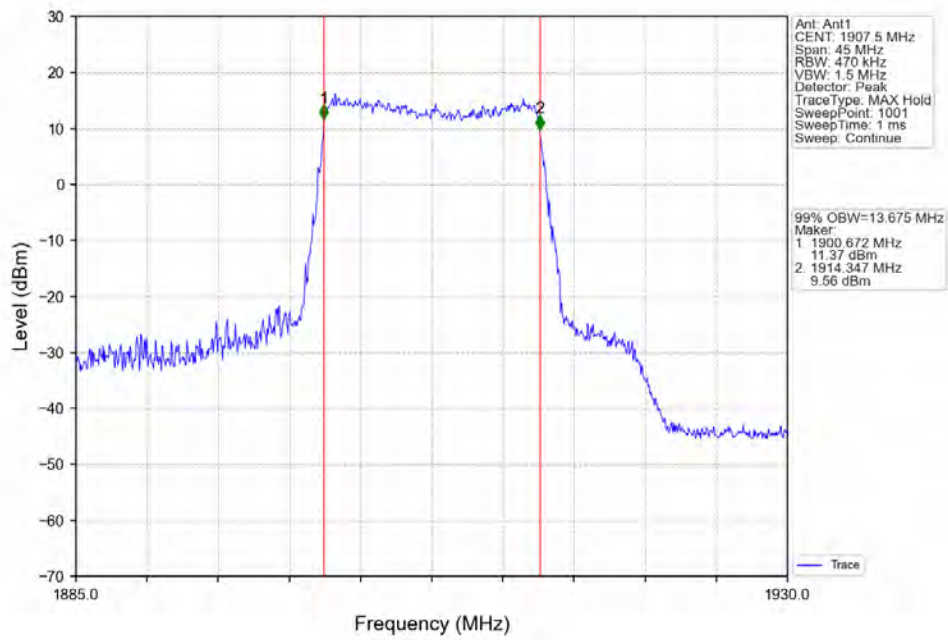
Band25 15MHz QPSK LCH 1857.5MHz RB 75.0 NTNV



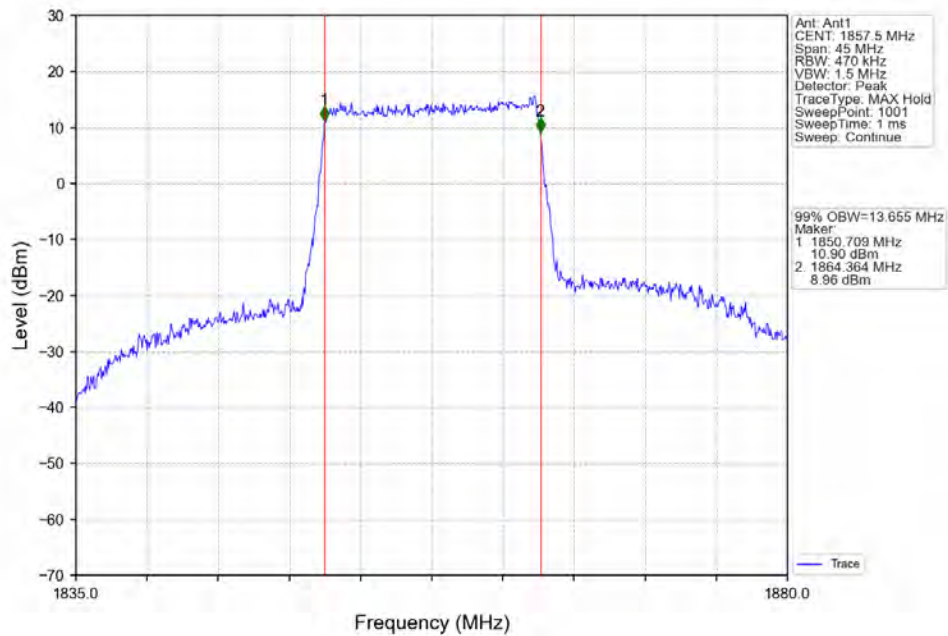
Band25 15MHz QPSK MCH 1882.5MHz RB 75.0 NTNV



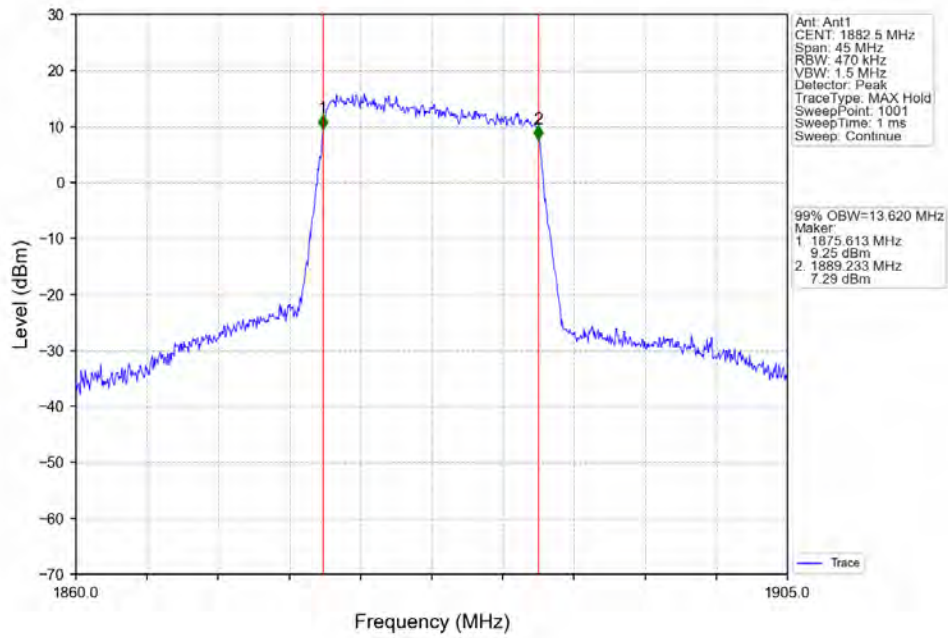
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



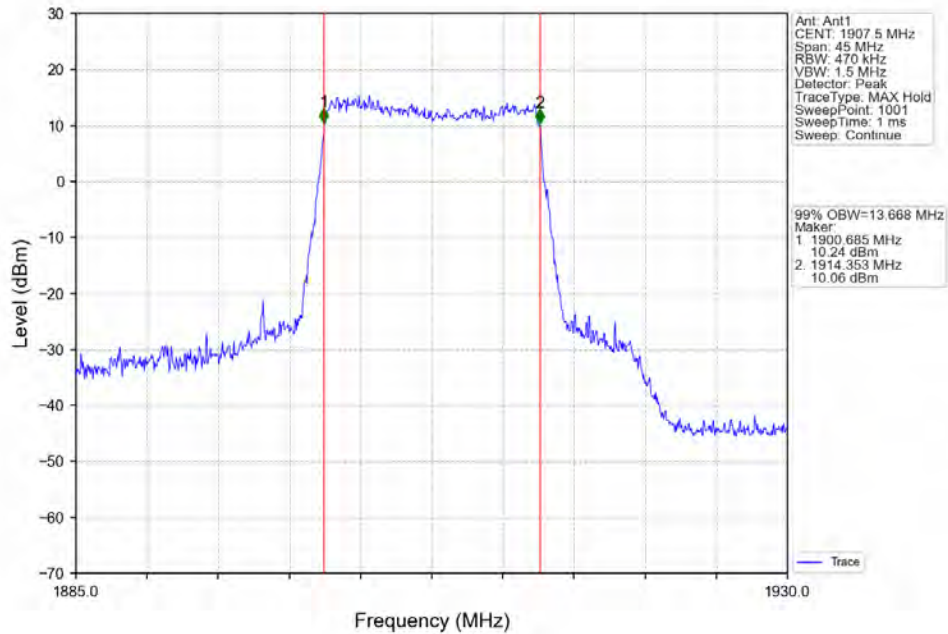
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



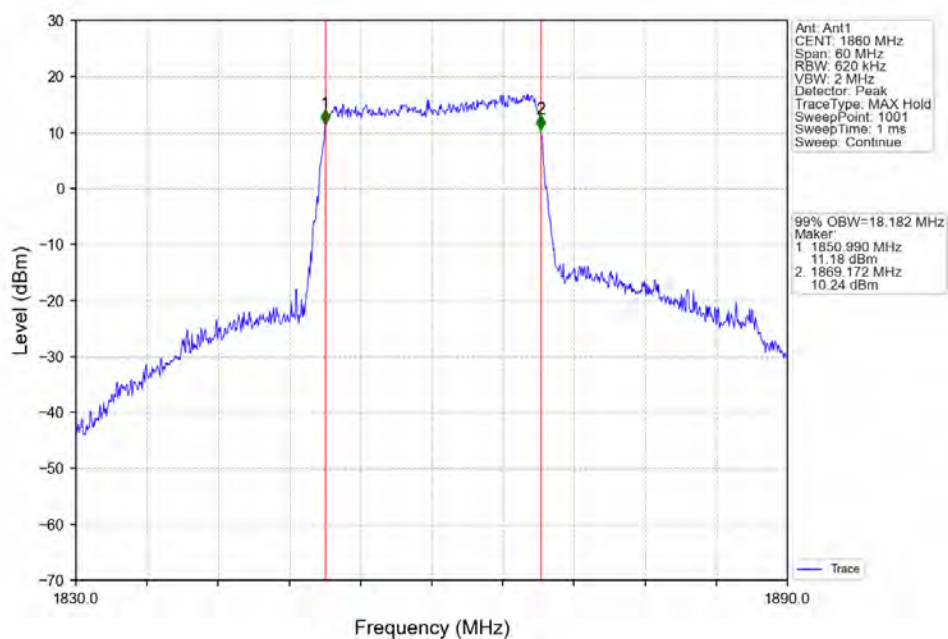
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



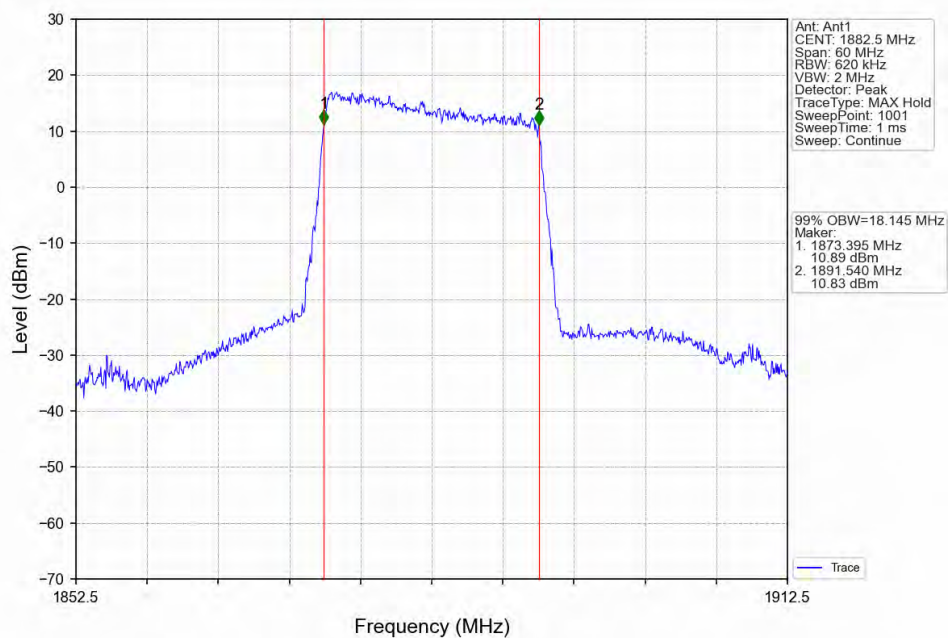
Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV



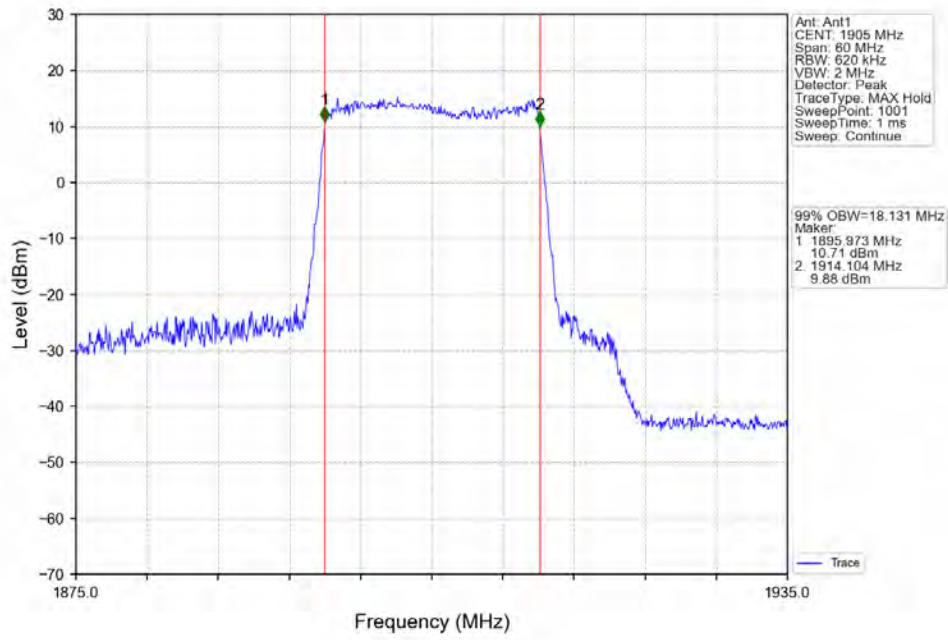
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTV



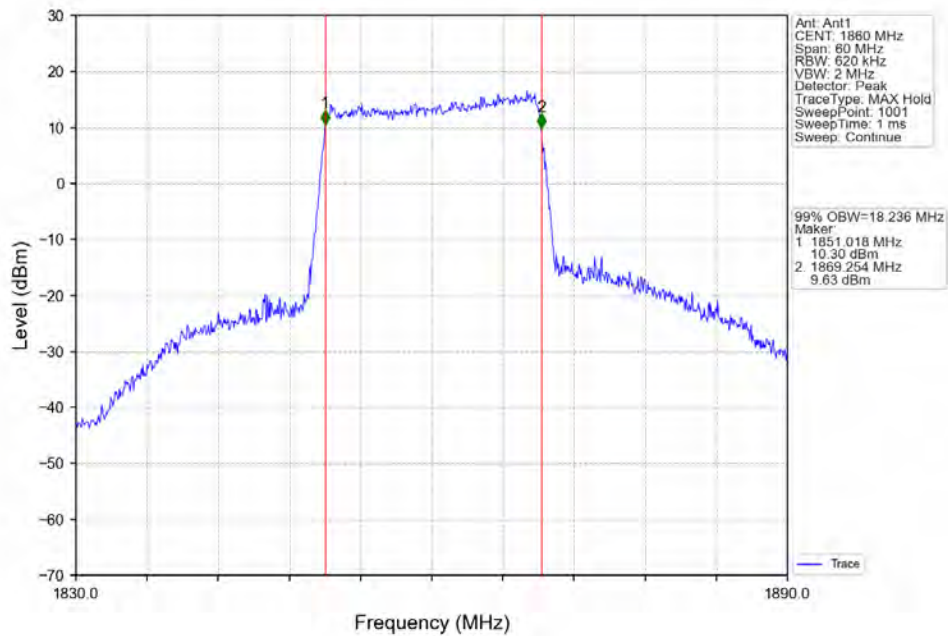
Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTV



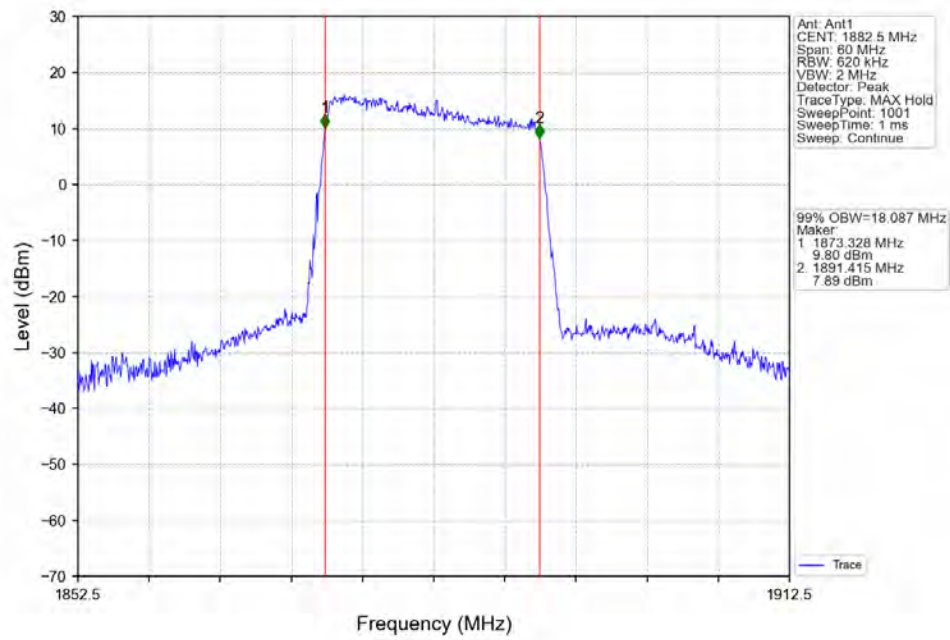
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



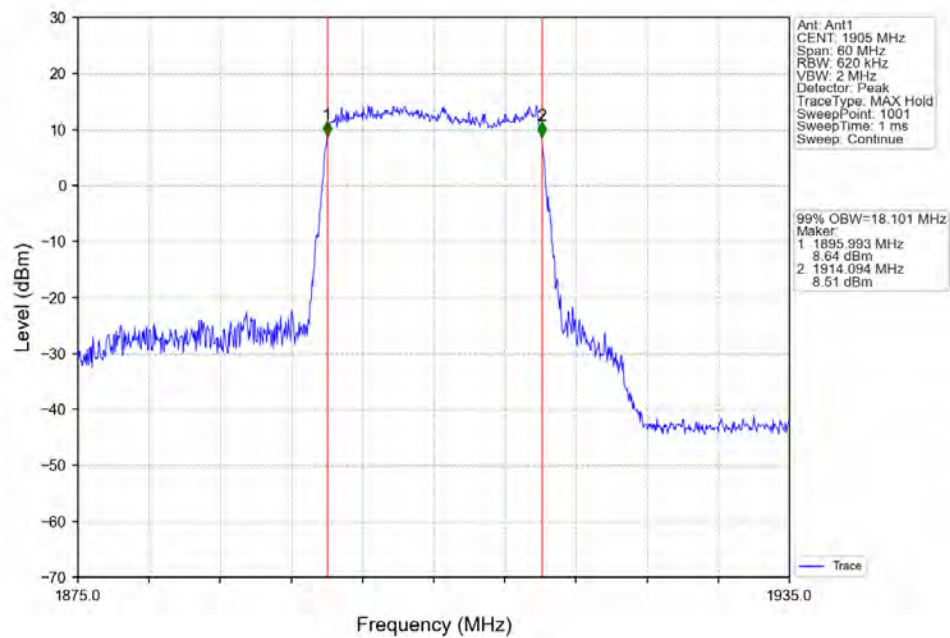
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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

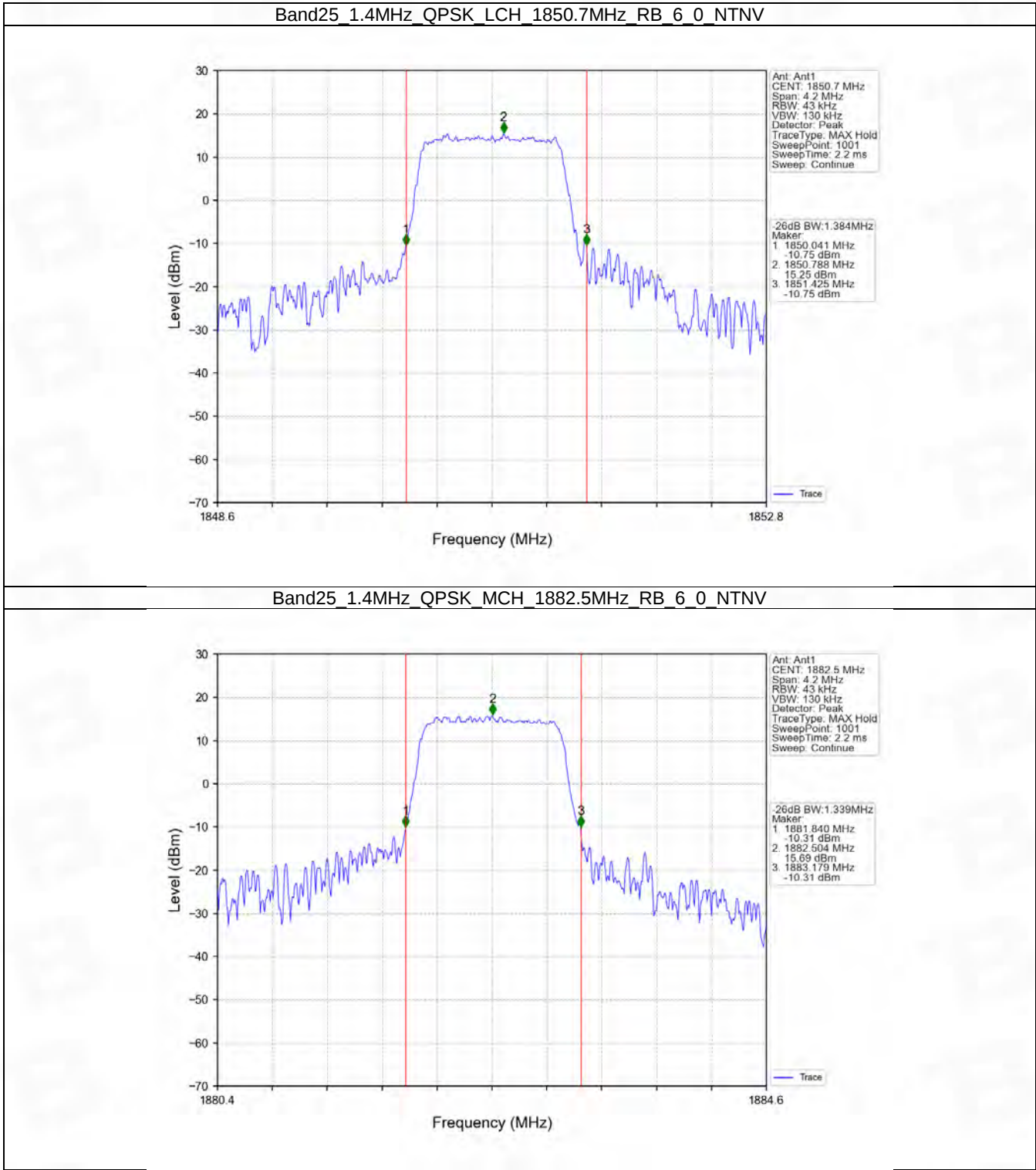


4.2 Band25_XDB

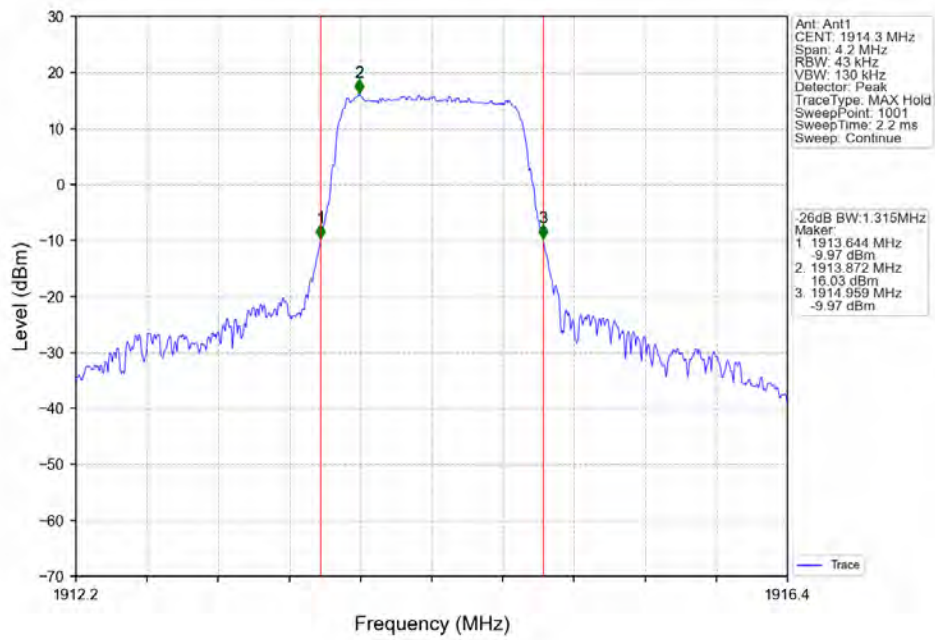
4.2.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.384	/	Pass
		1882.5	6	0	1.339	/	Pass
		1914.3	6	0	1.315	/	Pass
	16QAM	1850.7	6	0	1.342	/	Pass
		1882.5	6	0	1.311	/	Pass
		1914.3	6	0	1.347	/	Pass
3	QPSK	1851.5	15	0	2.989	/	Pass
		1882.5	15	0	2.997	/	Pass
		1913.5	15	0	2.990	/	Pass
	16QAM	1851.5	15	0	2.989	/	Pass
		1882.5	15	0	2.979	/	Pass
		1913.5	15	0	2.984	/	Pass
5	QPSK	1852.5	25	0	5.254	/	Pass
		1882.5	25	0	5.215	/	Pass
		1912.5	25	0	5.149	/	Pass
	16QAM	1852.5	25	0	5.332	/	Pass
		1882.5	25	0	5.274	/	Pass
		1912.5	25	0	5.273	/	Pass
10	QPSK	1855	50	0	10.269	/	Pass
		1882.5	50	0	10.194	/	Pass
		1910	50	0	10.255	/	Pass
	16QAM	1855	50	0	10.322	/	Pass
		1882.5	50	0	10.176	/	Pass
		1910	50	0	10.282	/	Pass
15	QPSK	1857.5	75	0	15.393	/	Pass
		1882.5	75	0	15.136	/	Pass
		1907.5	75	0	15.338	/	Pass
	16QAM	1857.5	75	0	15.243	/	Pass
		1882.5	75	0	15.272	/	Pass
		1907.5	75	0	15.362	/	Pass
20	QPSK	1860	100	0	20.266	/	Pass
		1882.5	100	0	20.067	/	Pass
		1905	100	0	19.922	/	Pass
	16QAM	1860	100	0	20.082	/	Pass
		1882.5	100	0	19.994	/	Pass
		1905	100	0	20.066	/	Pass

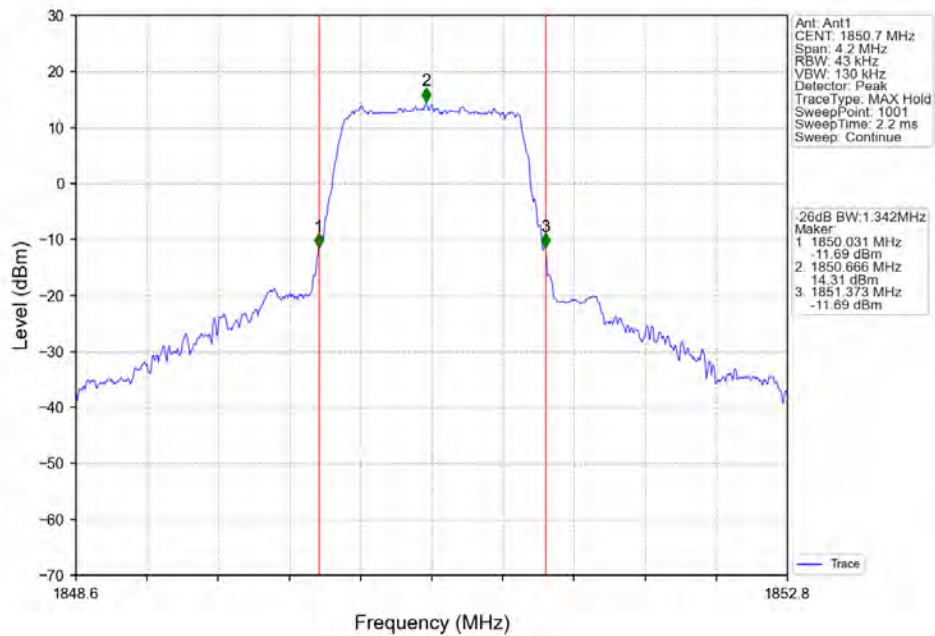
4.2.2 Test Graph



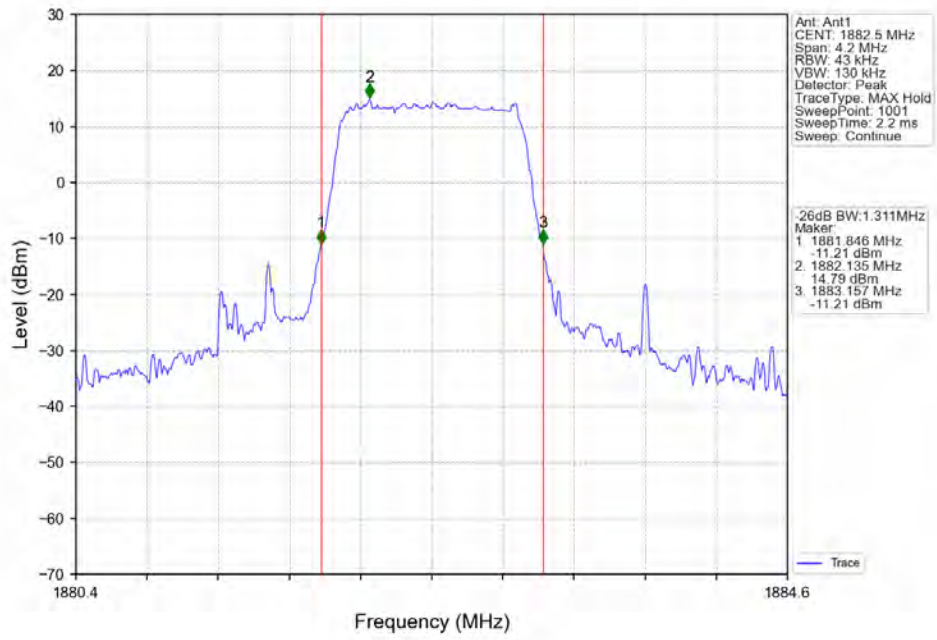
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



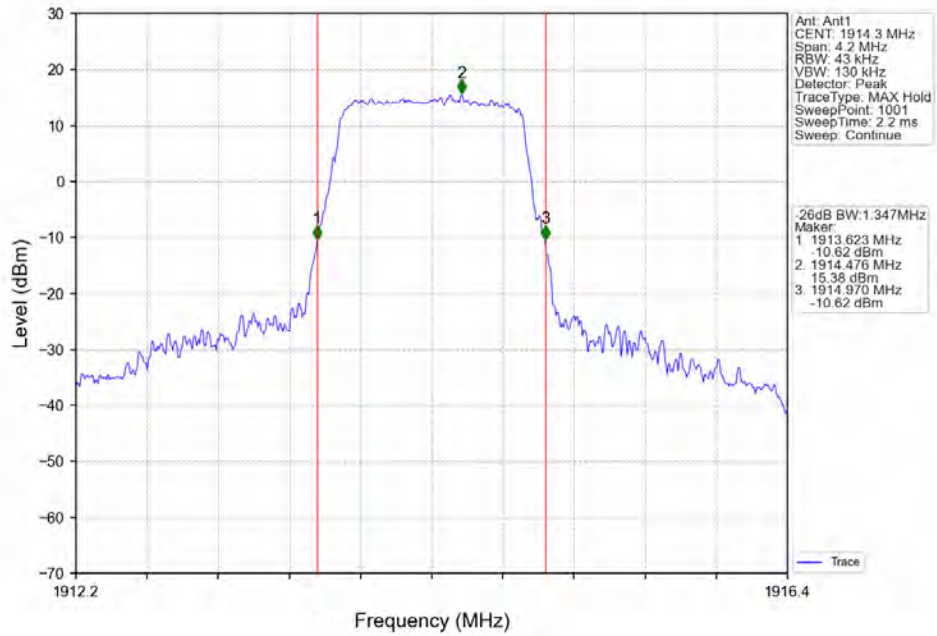
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



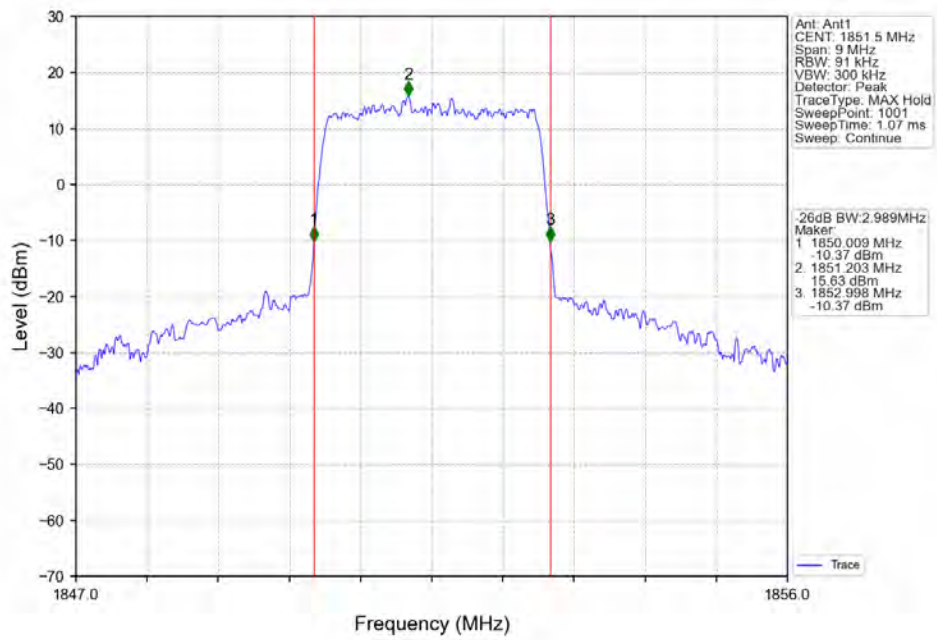
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN



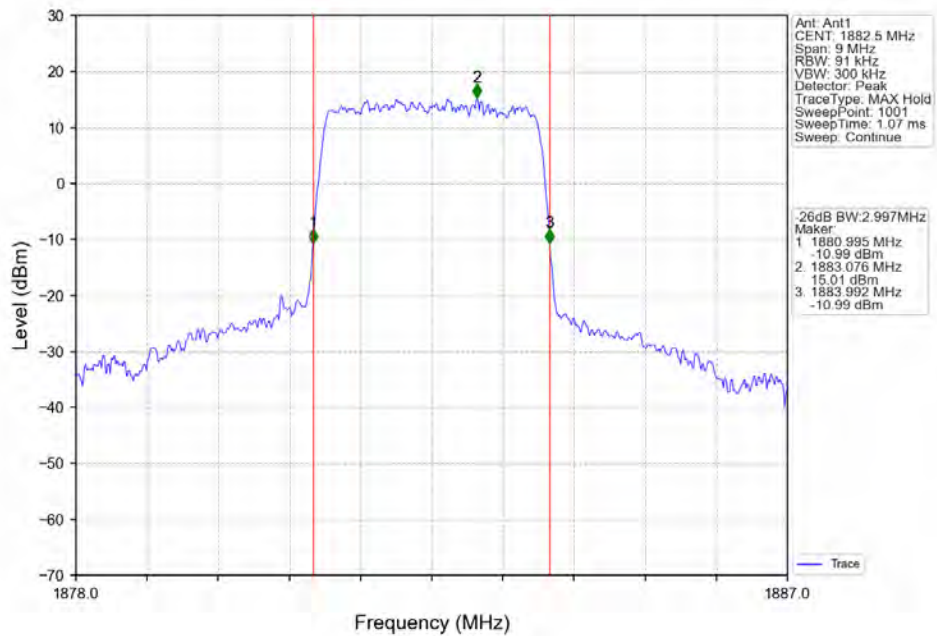
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN



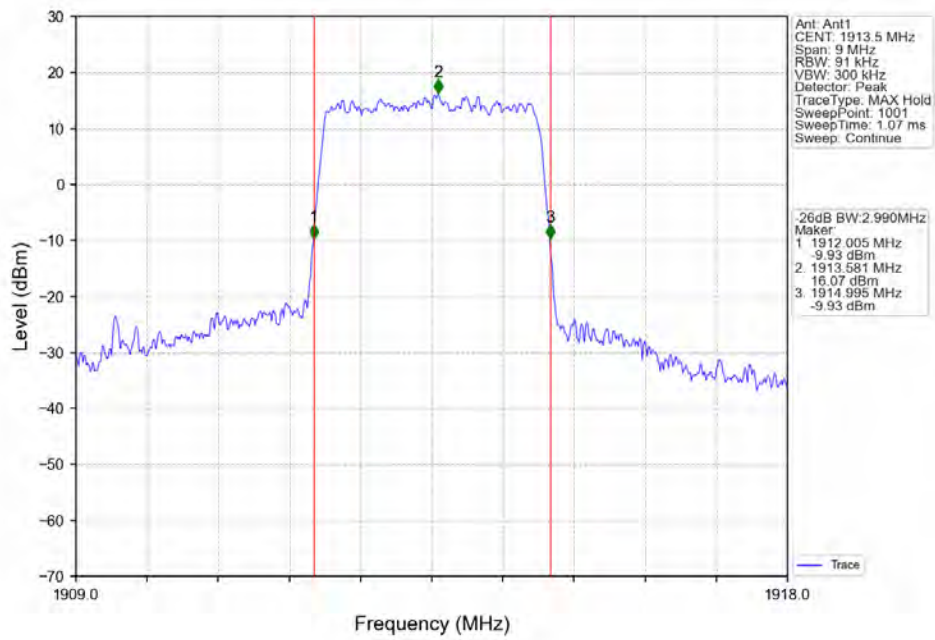
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



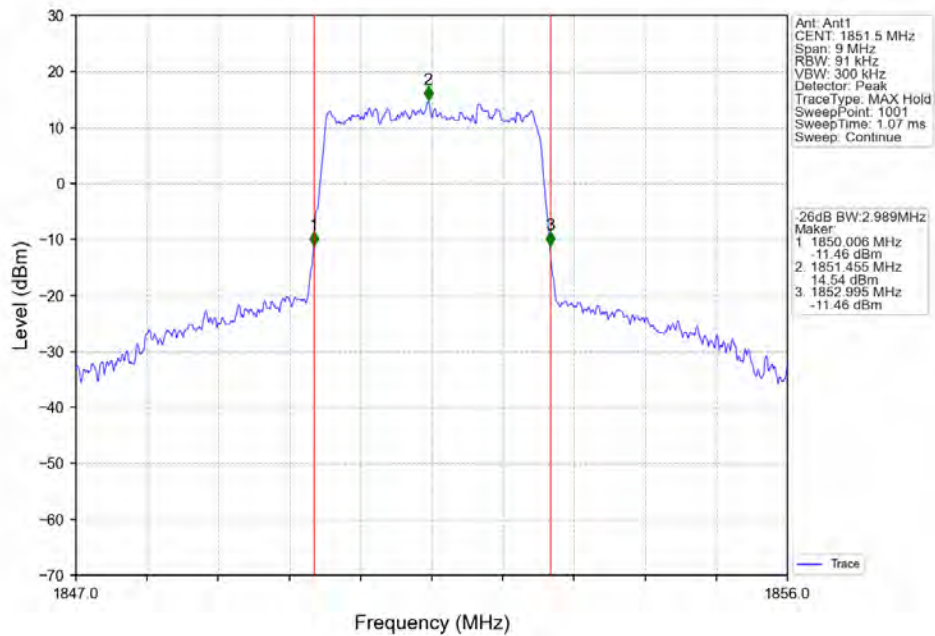
Band25 3MHz QPSK MCH 1882.5MHz RB 15 0 NTNV



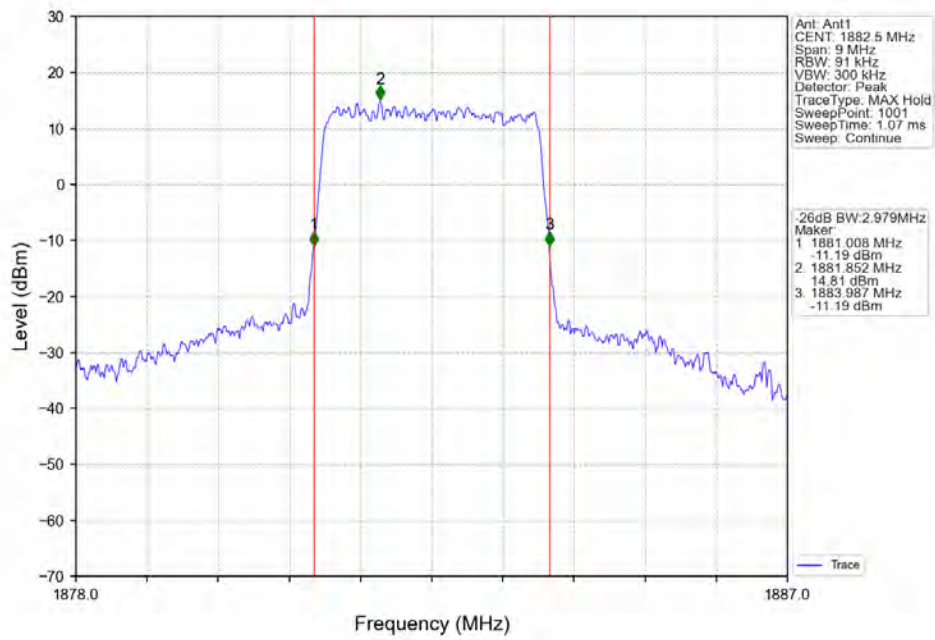
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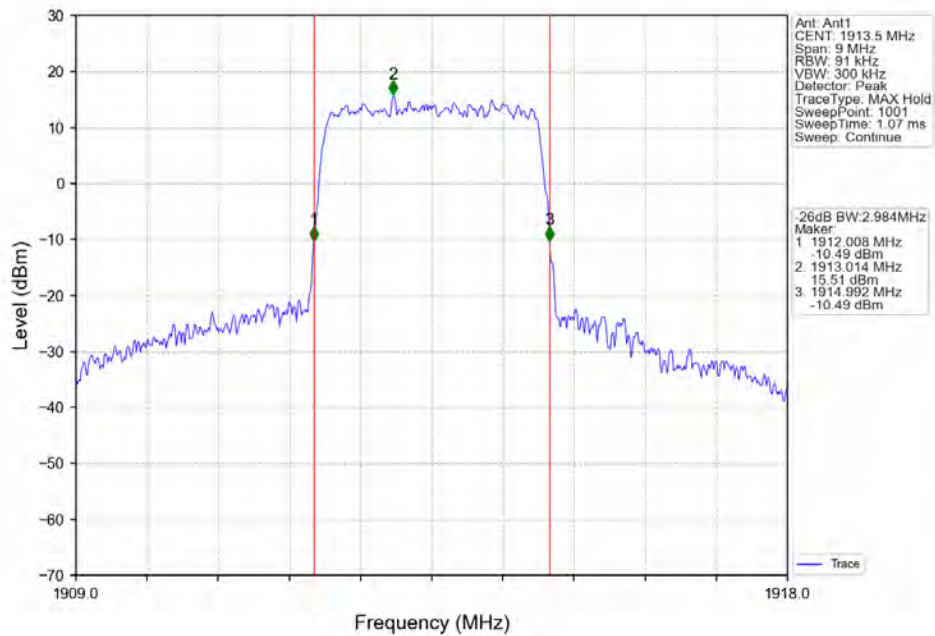
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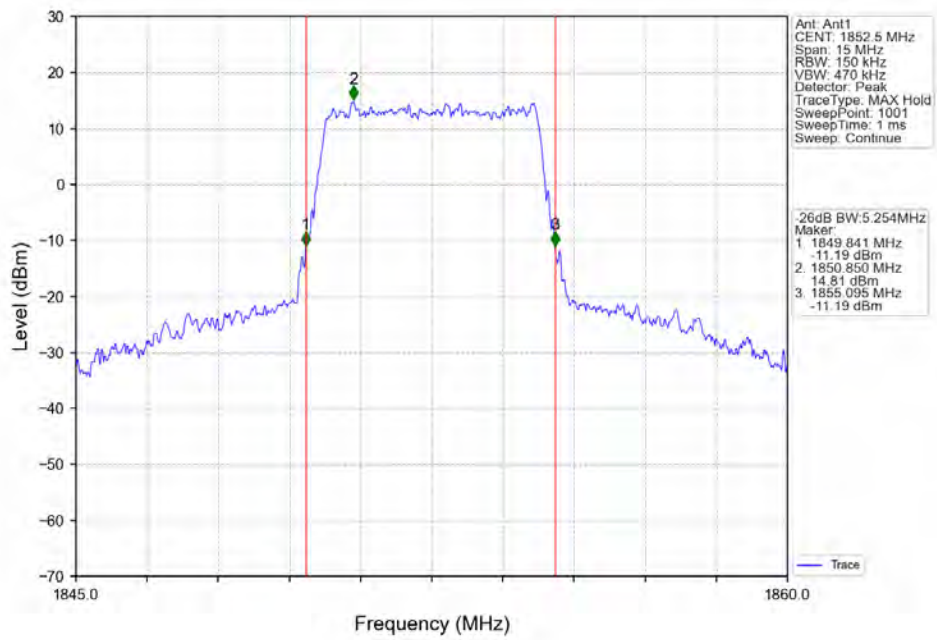
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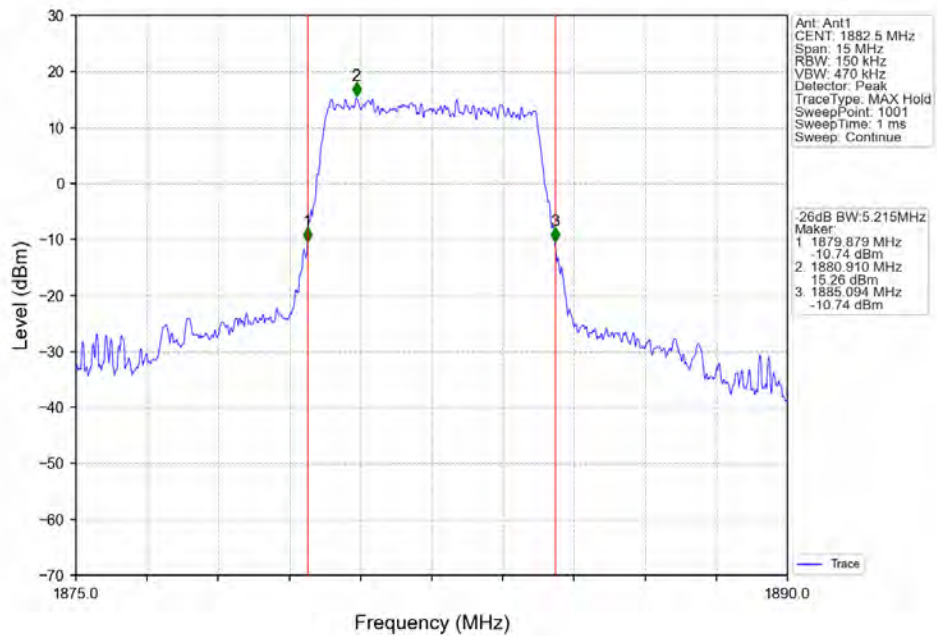
Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTN



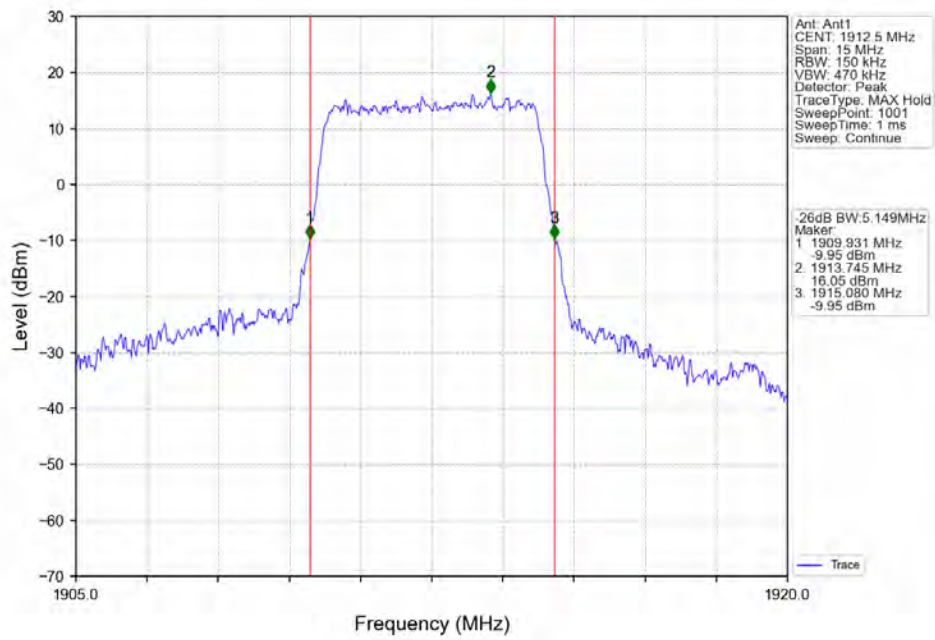
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



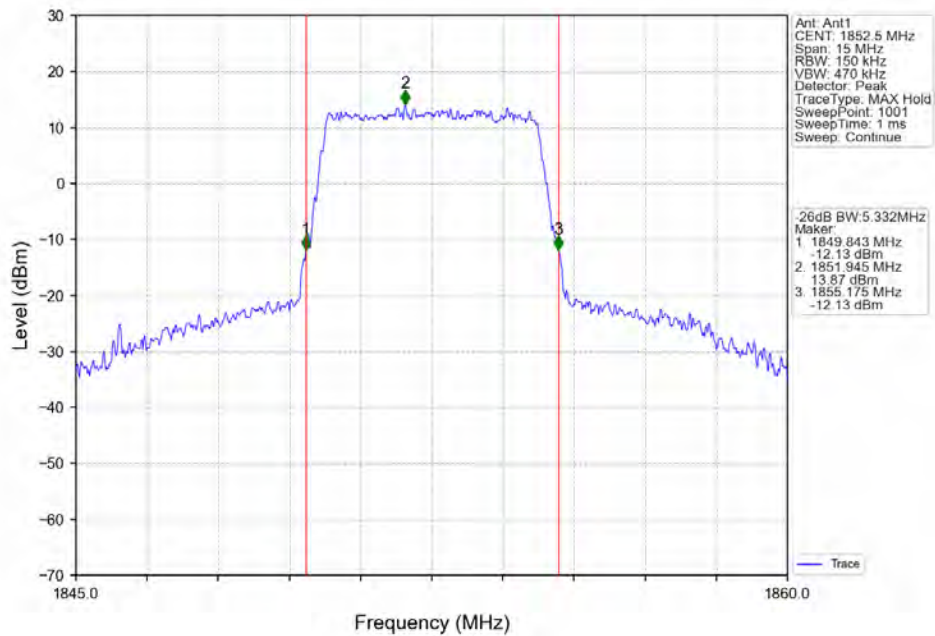
Band25 5MHz QPSK MCH 1882.5MHz RB 25 0 NTNV



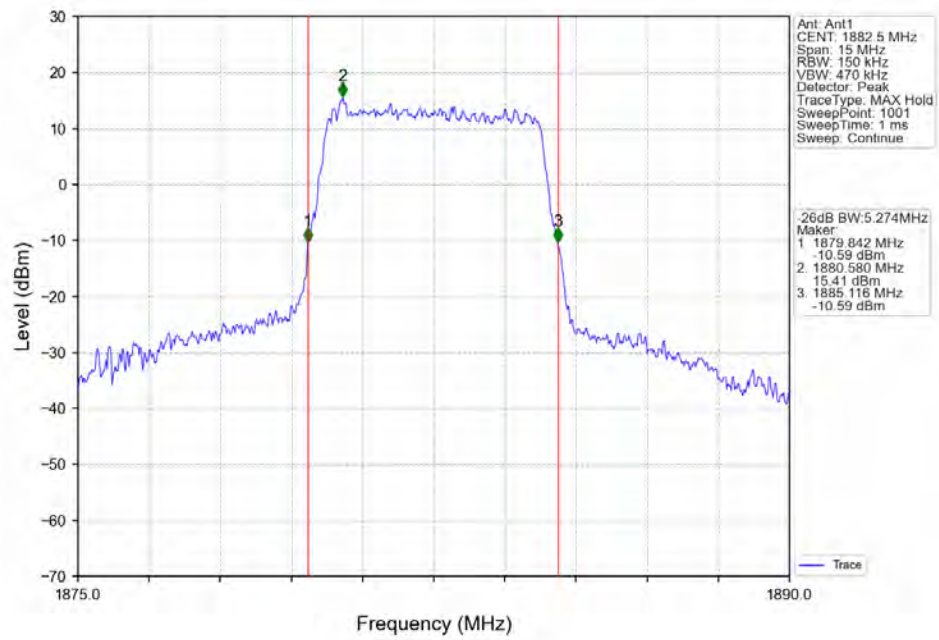
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



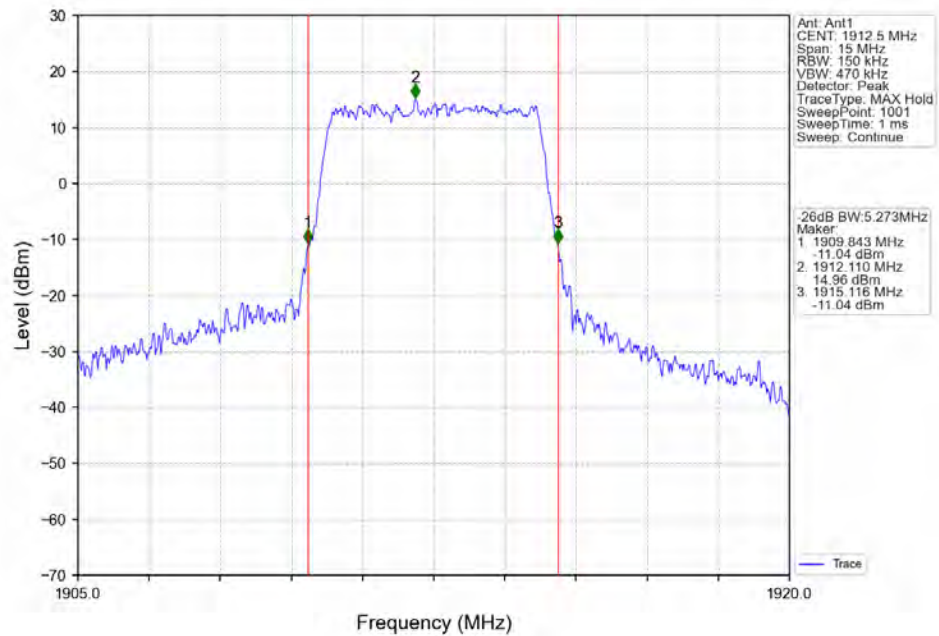
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



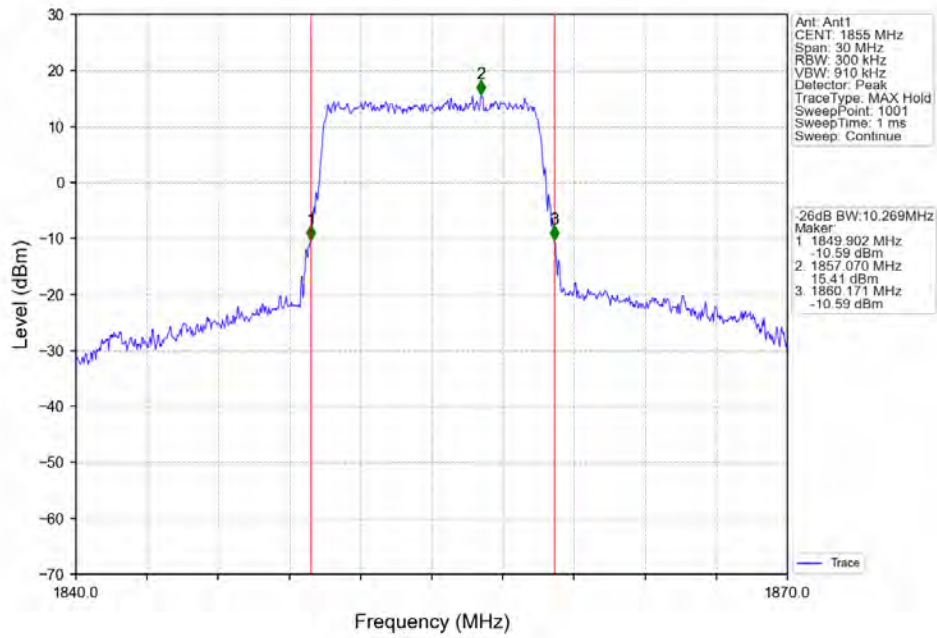
Band25 5MHz 16QAM MCH 1882.5MHz RB 25.0 NTNV



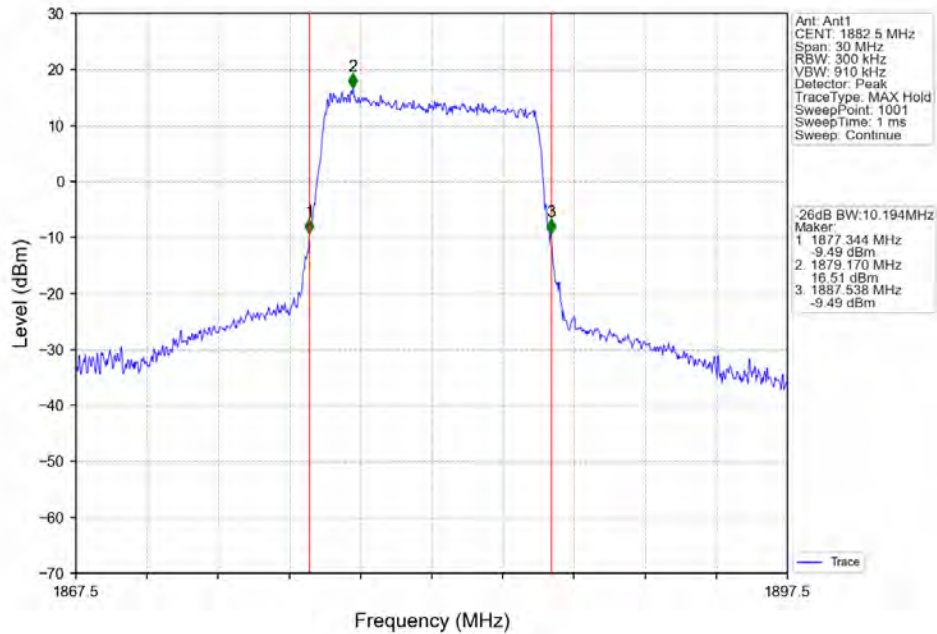
Band25 5MHz 16QAM HCH 1912.5MHz RB 25.0 NTNV



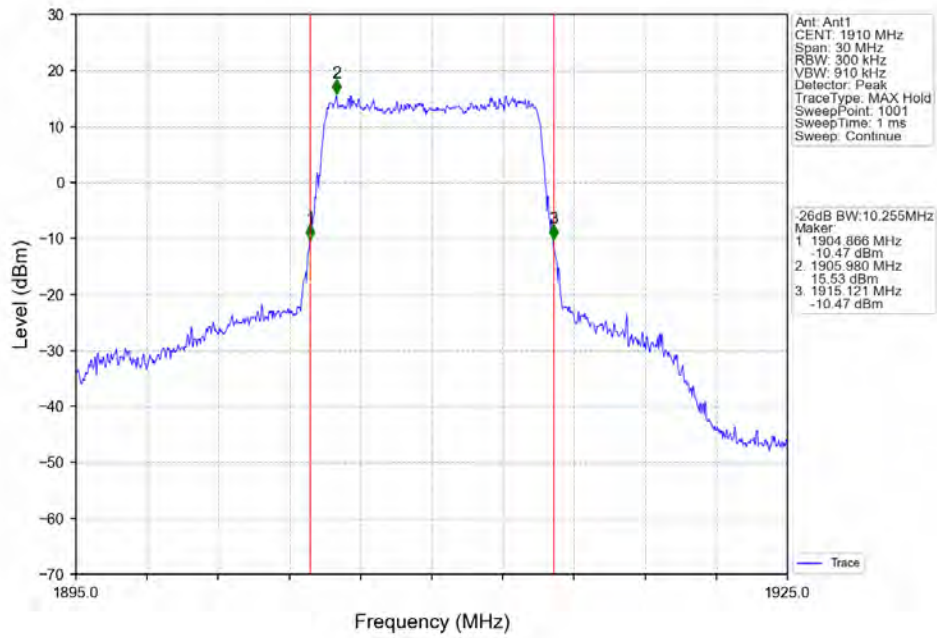
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



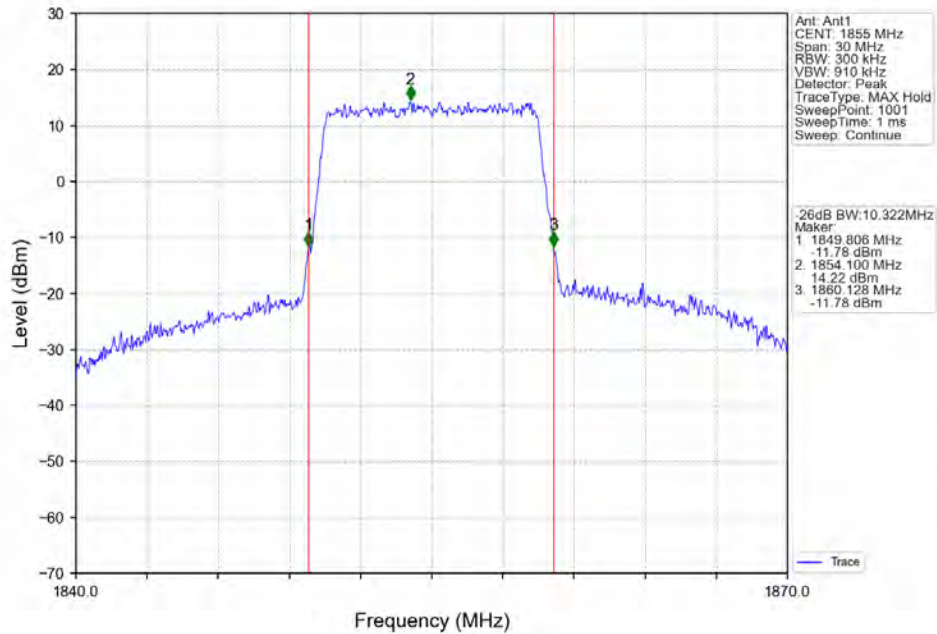
Band25 10MHz QPSK MCH 1882.5MHz RB 50 0 NTNV



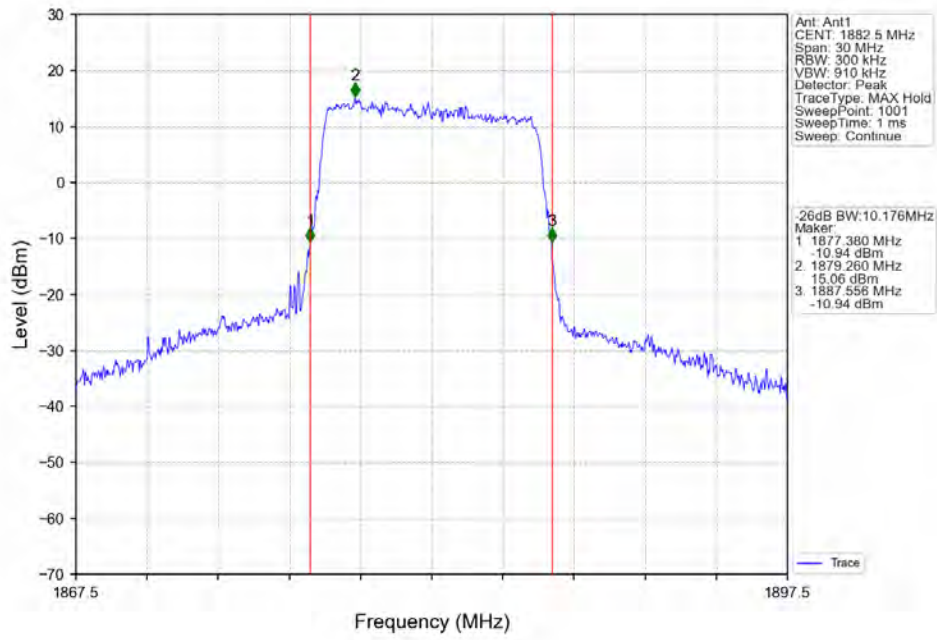
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTNV



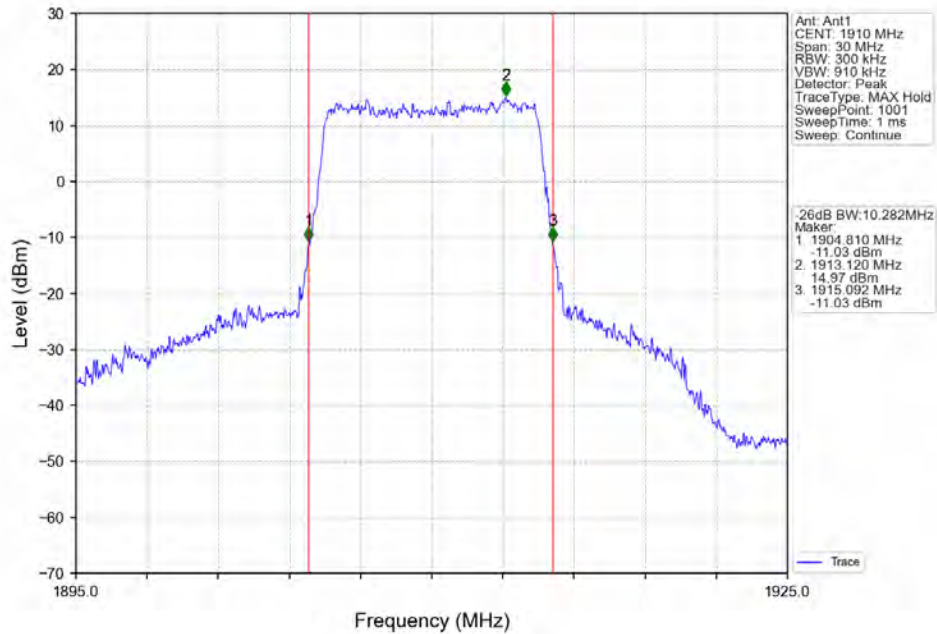
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



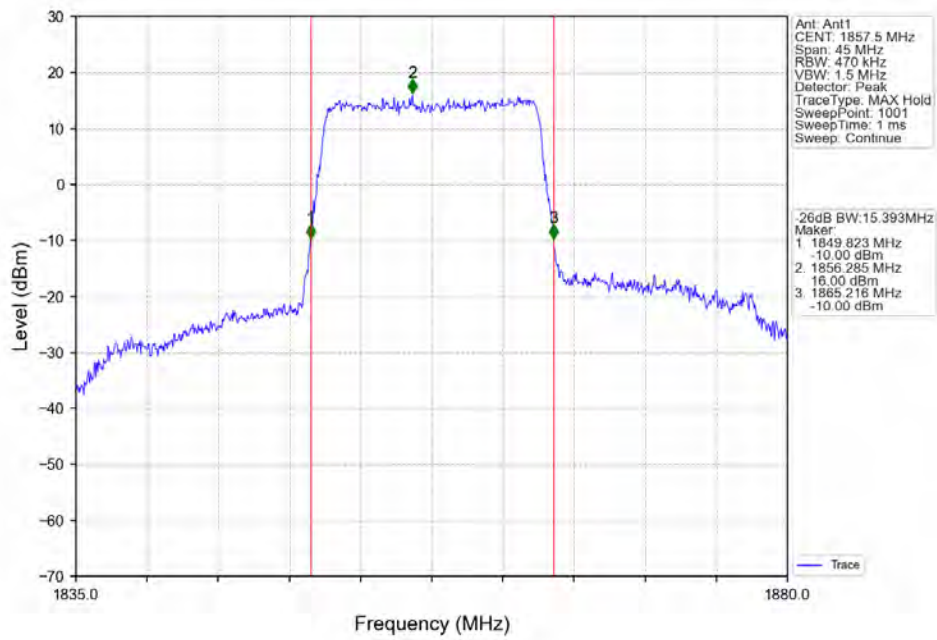
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



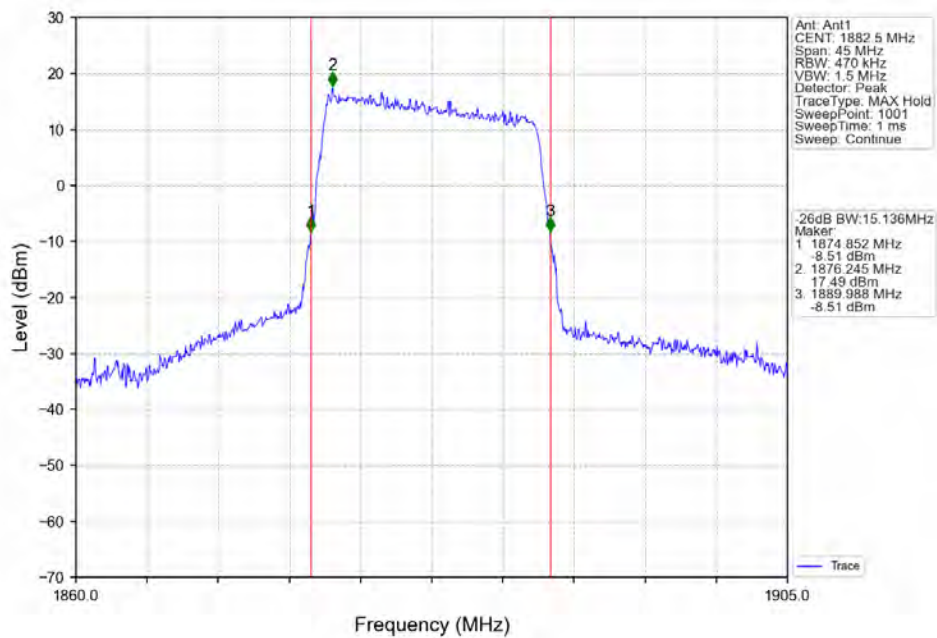
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV



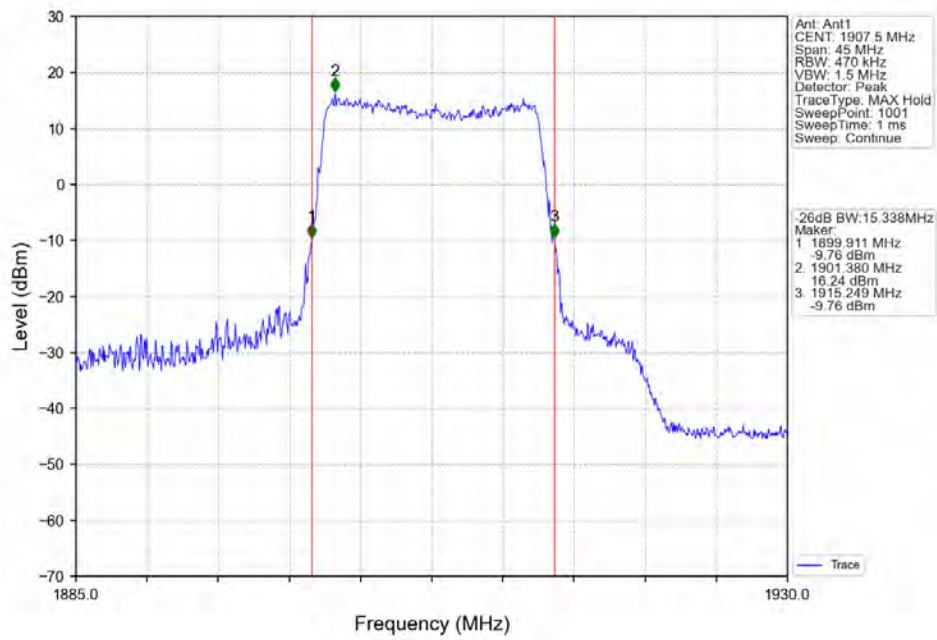
Band25 15MHz QPSK LCH 1857.5MHz RB 75.0 NTNV



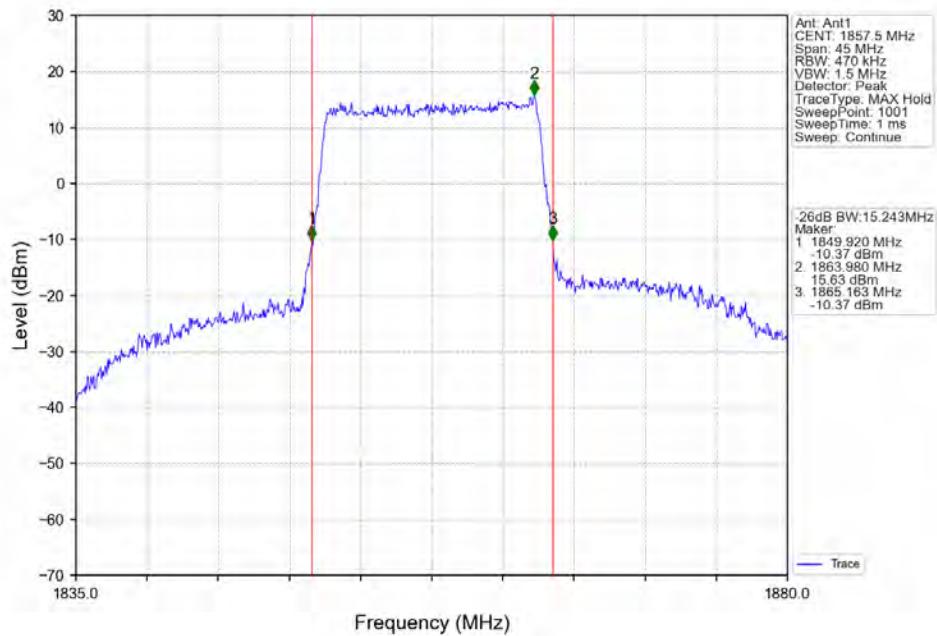
Band25 15MHz QPSK MCH 1882.5MHz RB 75.0 NTNV



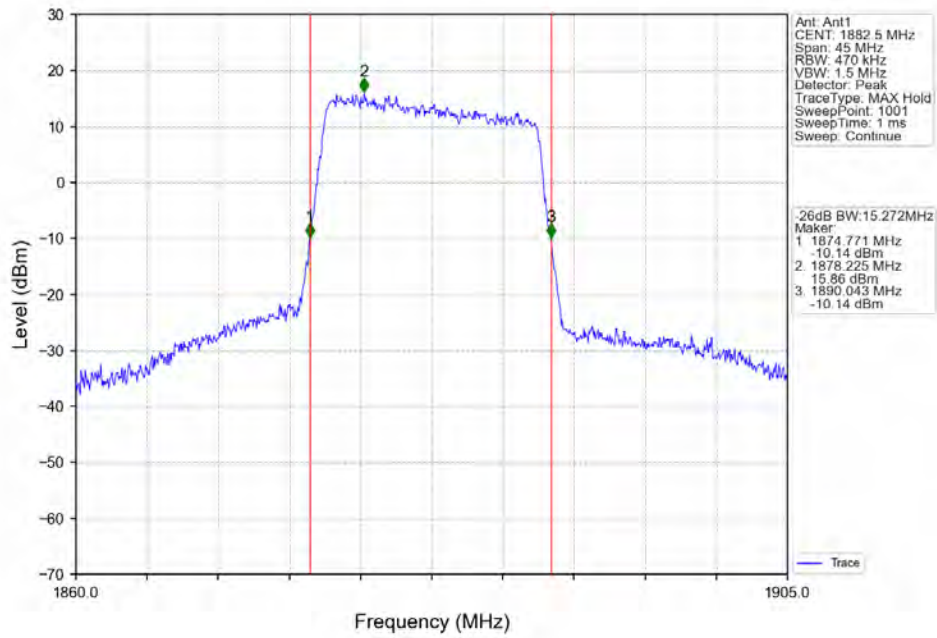
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



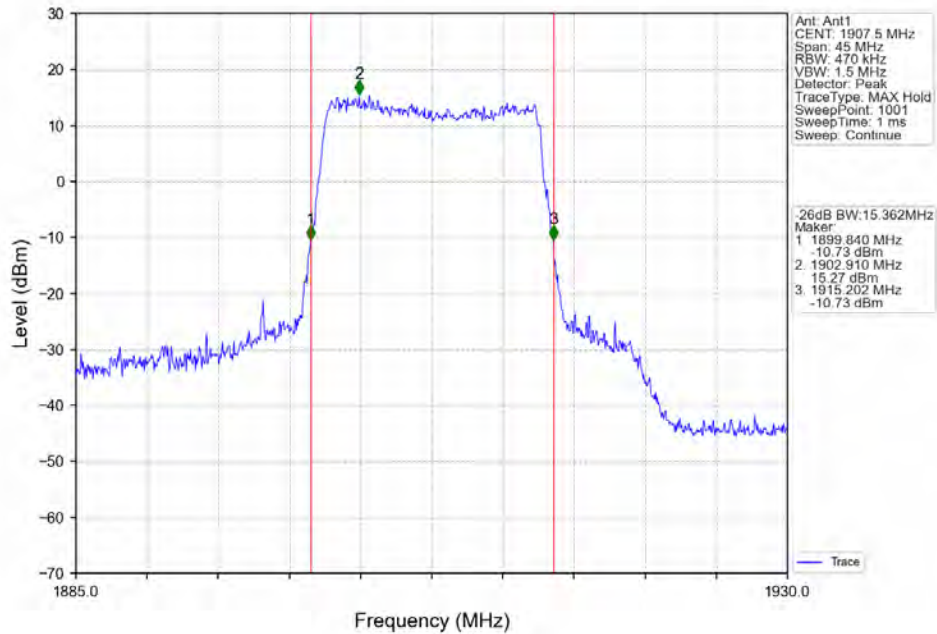
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



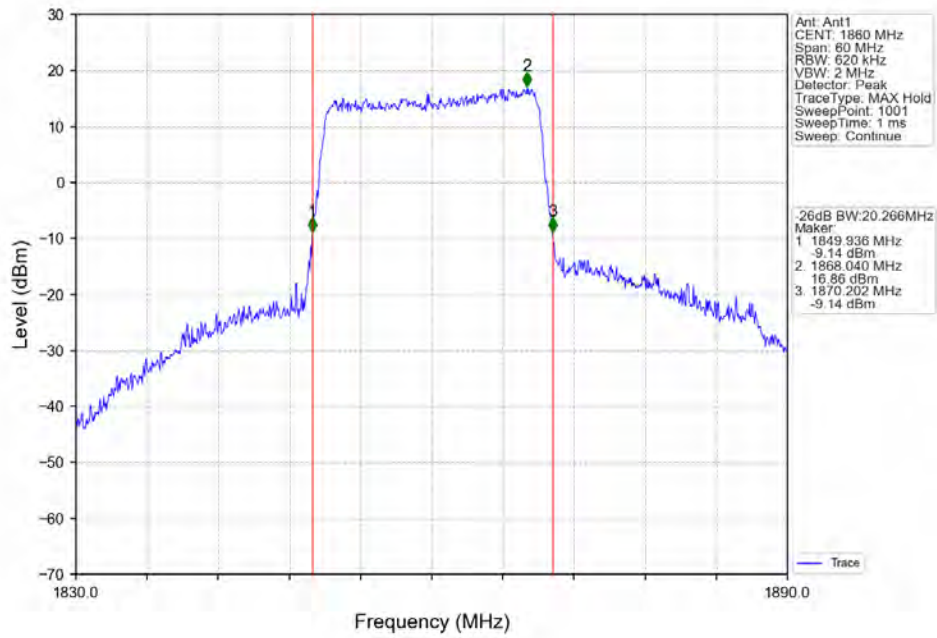
Band25 15MHz 16QAM MCH 1882.5MHz RB 75 0 NTNV



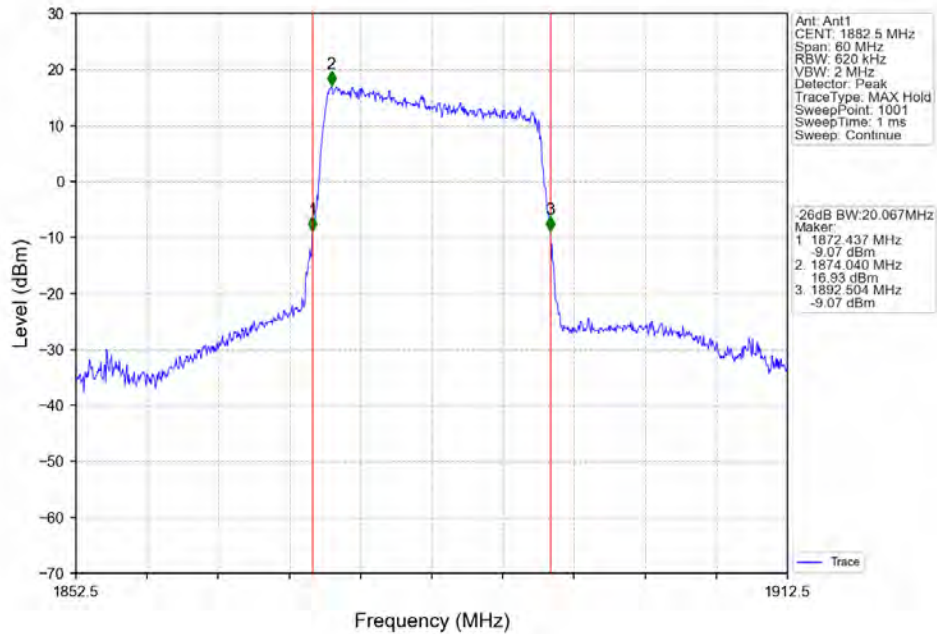
Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV



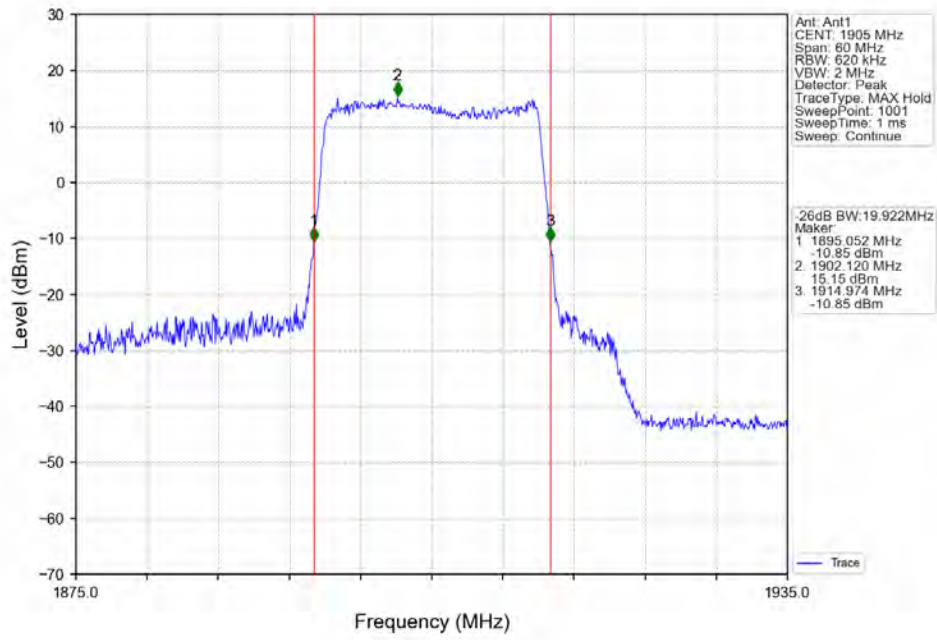
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



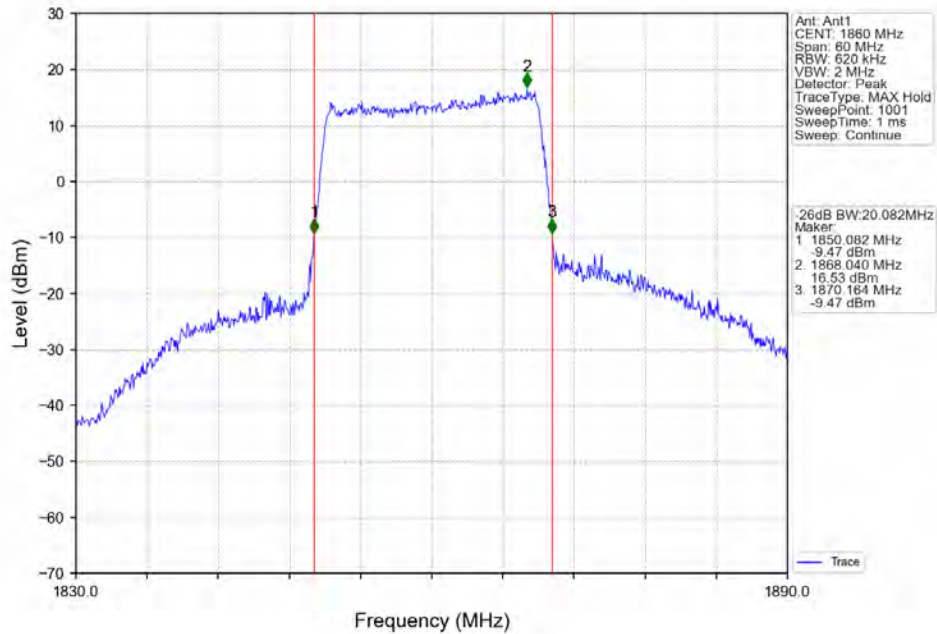
Band25 20MHz QPSK MCH 1882.5MHz RB 100 0 NTNV



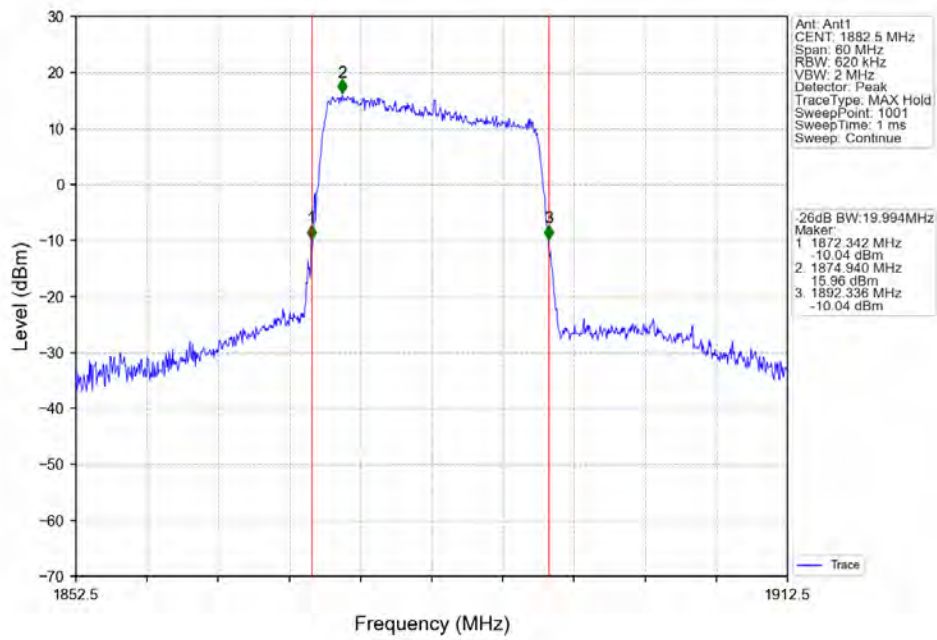
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



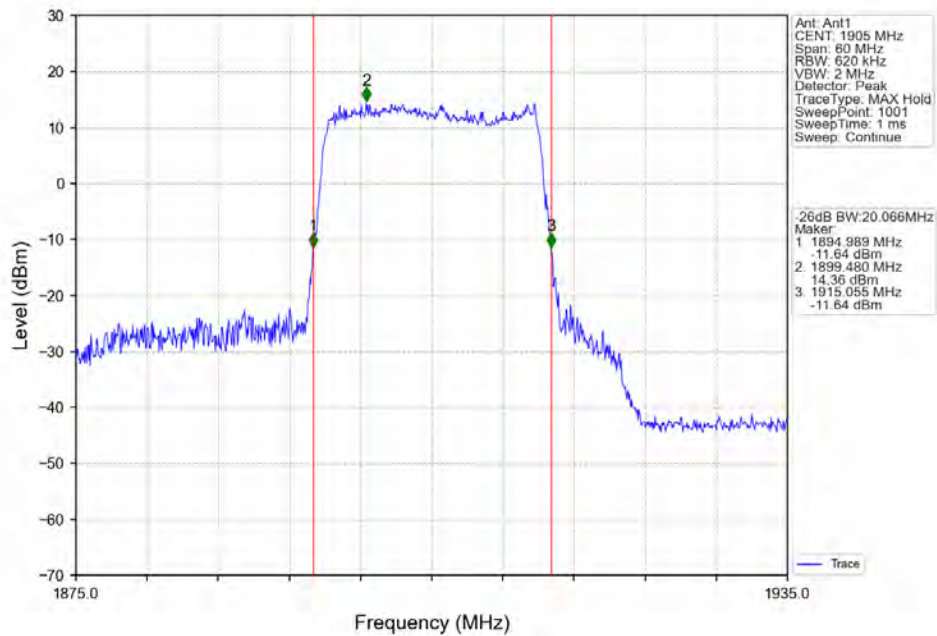
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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



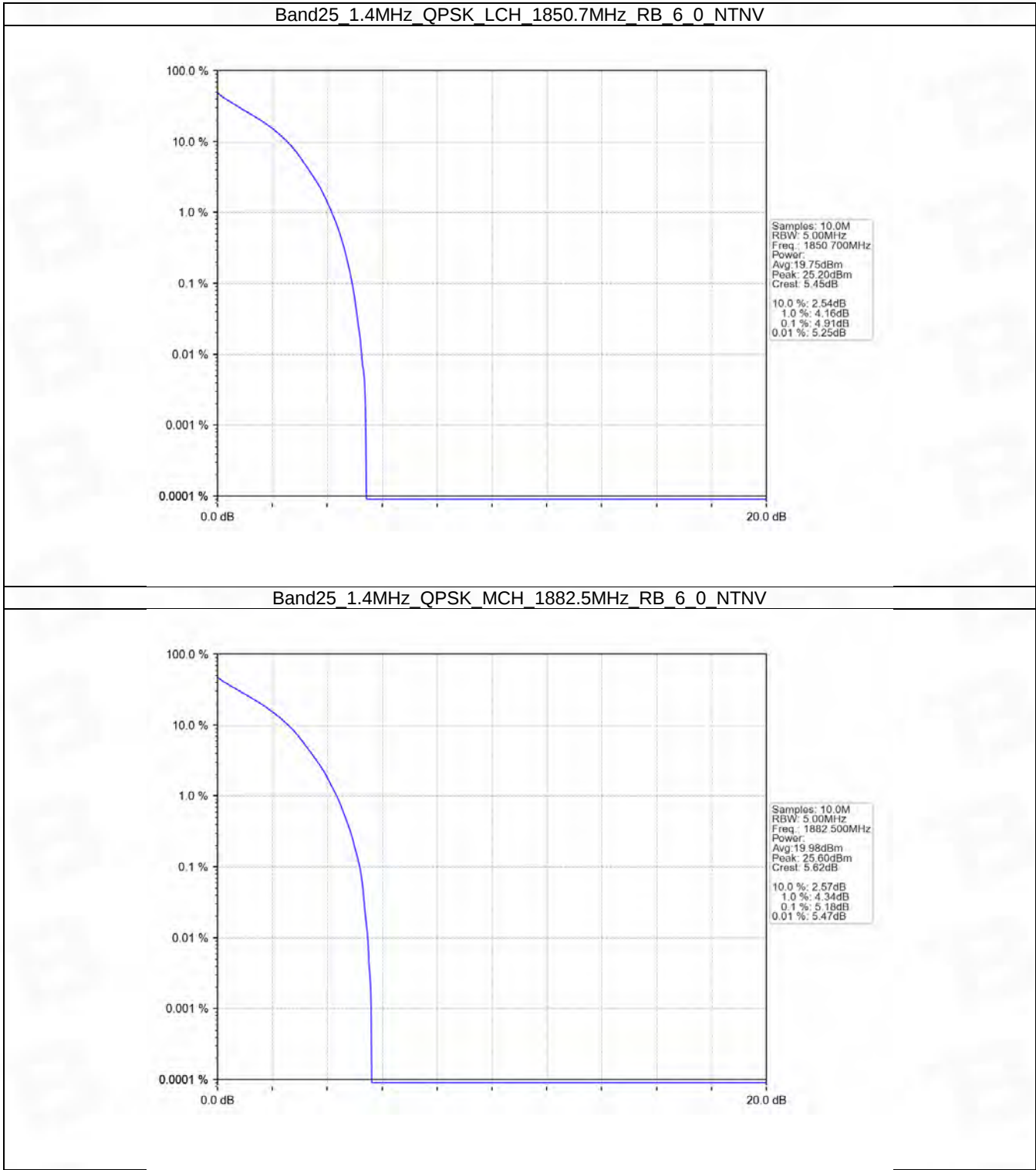
5. Peak-Average Ratio

5.1 B25_1.4MHz

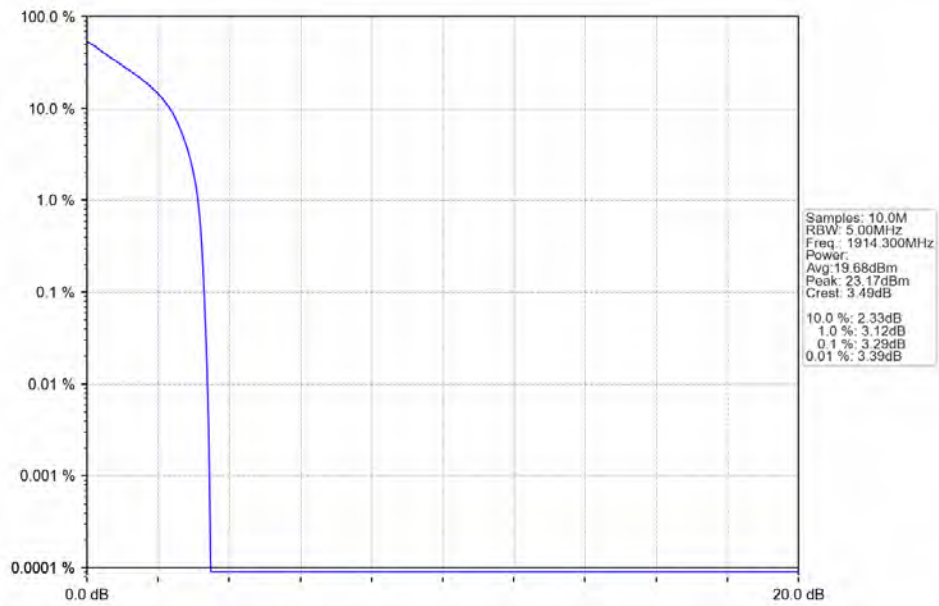
5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.91	<=13	Pass
	1882.5	6	0	5.18	<=13	Pass
	1914.3	6	0	3.29	<=13	Pass
16QAM	1850.7	6	0	5.68	<=13	Pass
	1882.5	6	0	6.00	<=13	Pass
	1914.3	6	0	4.51	<=13	Pass

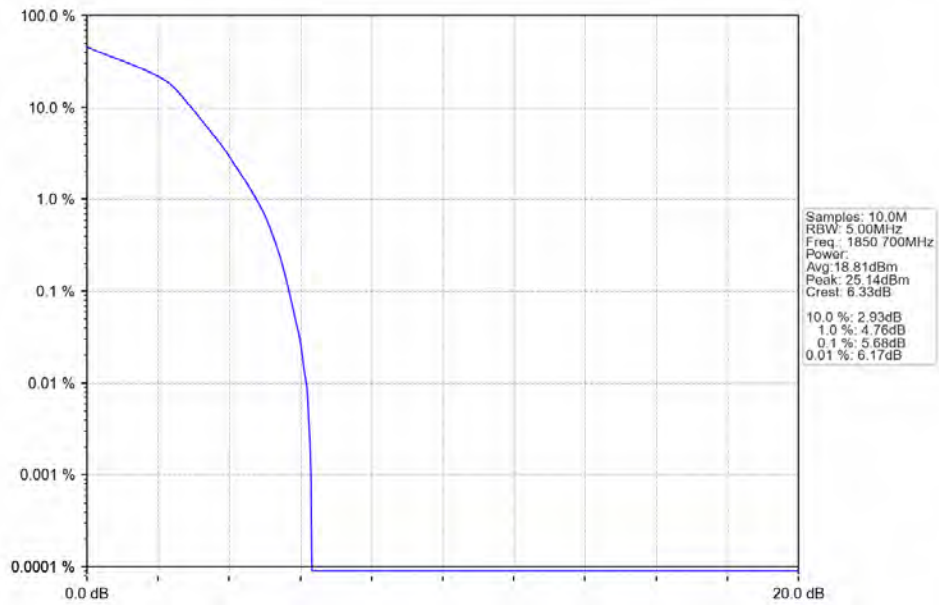
5.1.2 Test Graph



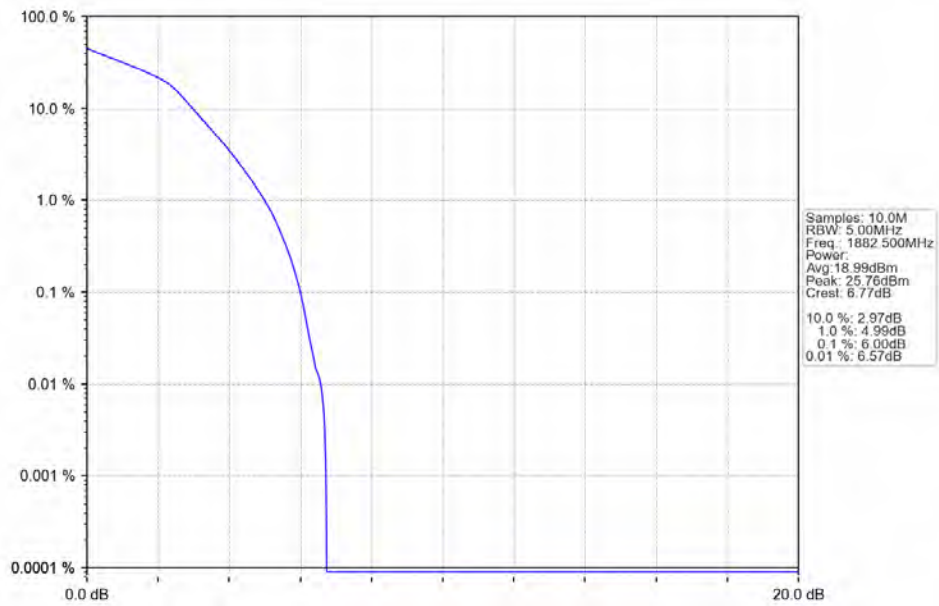
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6.0 NTNV



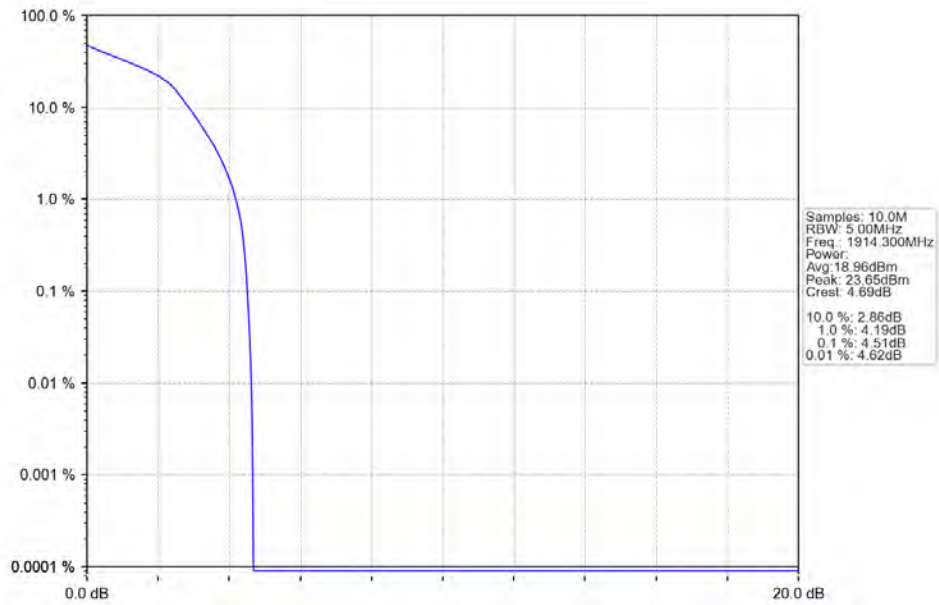
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6.0 NTNV



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



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

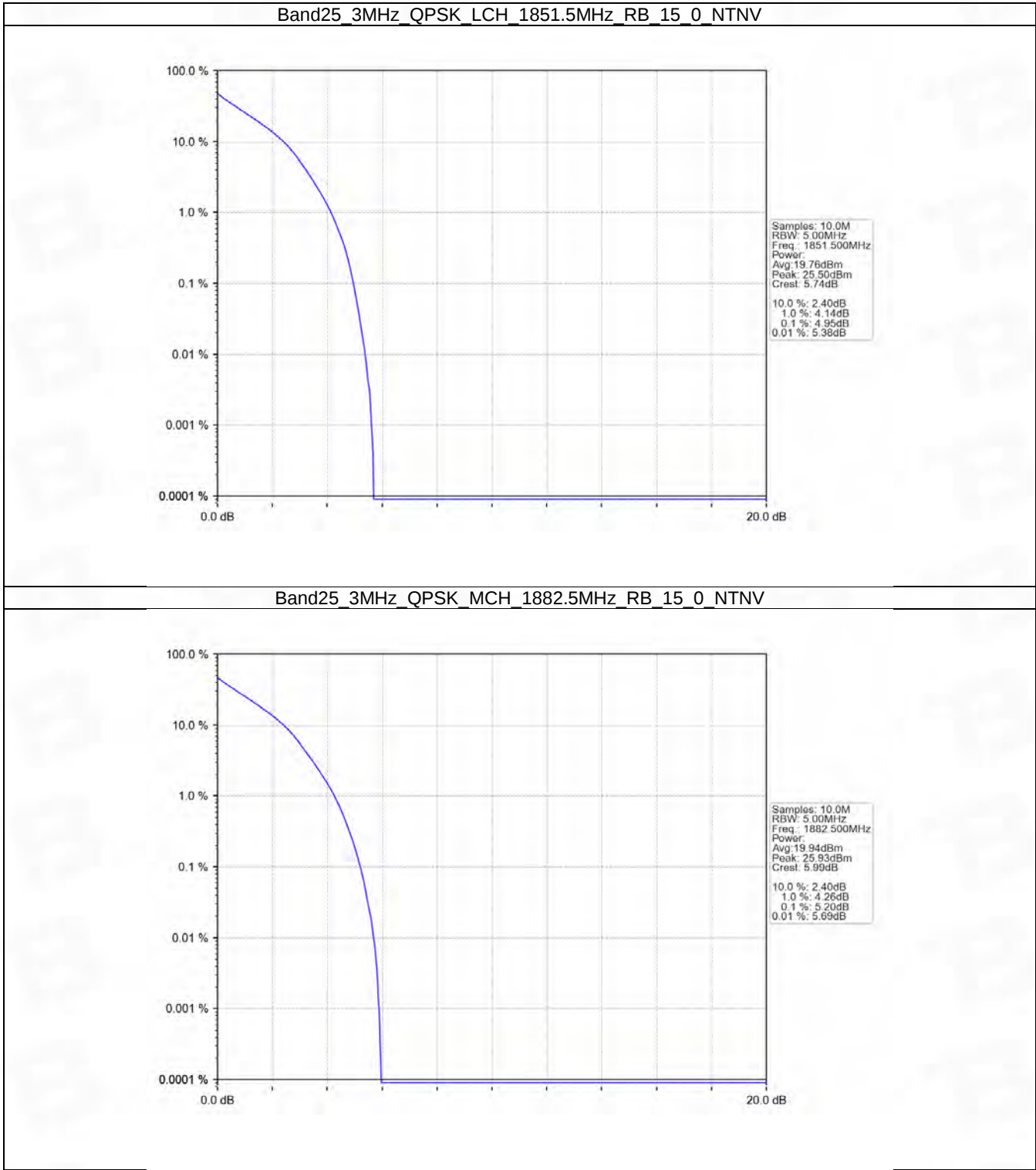


5.2 B25_3MHz

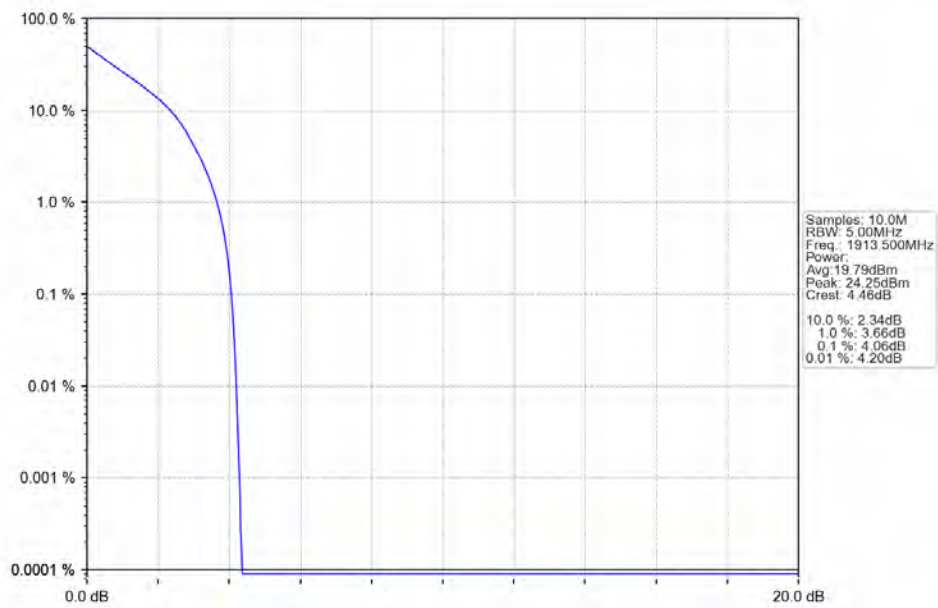
5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.95	<=13	Pass
	1882.5	15	0	5.20	<=13	Pass
	1913.5	15	0	4.06	<=13	Pass
16QAM	1851.5	15	0	4.92	<=13	Pass
	1882.5	15	0	5.18	<=13	Pass
	1913.5	15	0	4.01	<=13	Pass

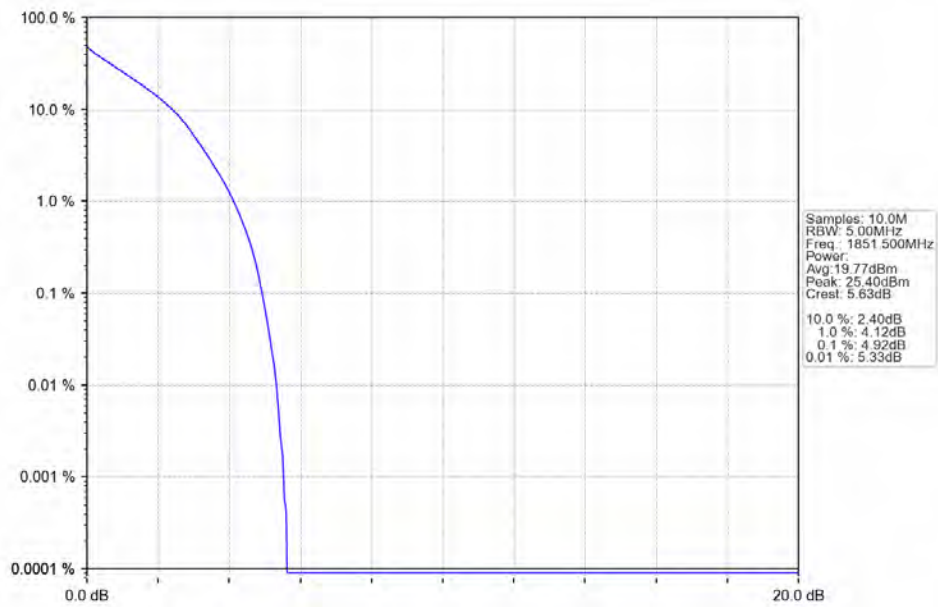
5.2.2 Test Graph



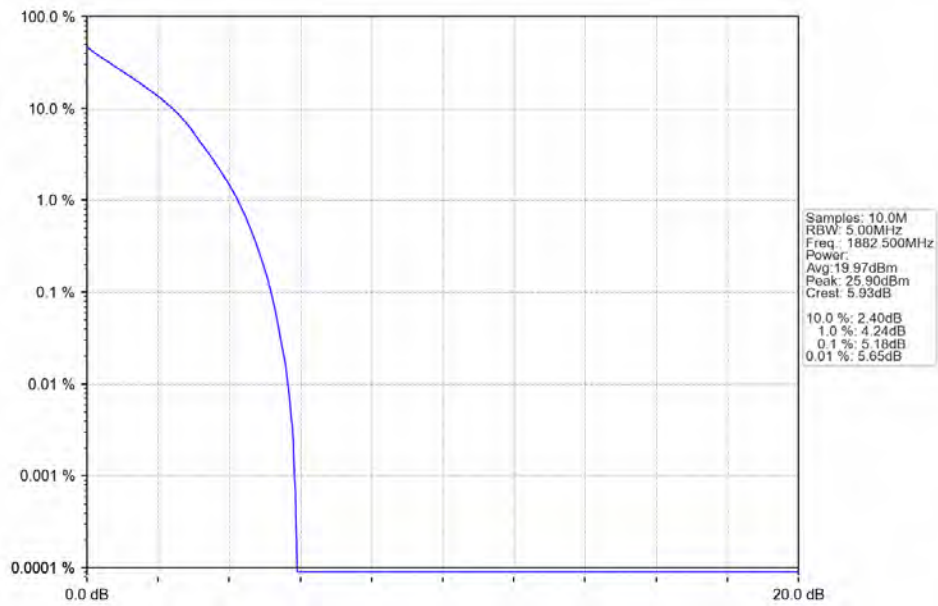
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTNV



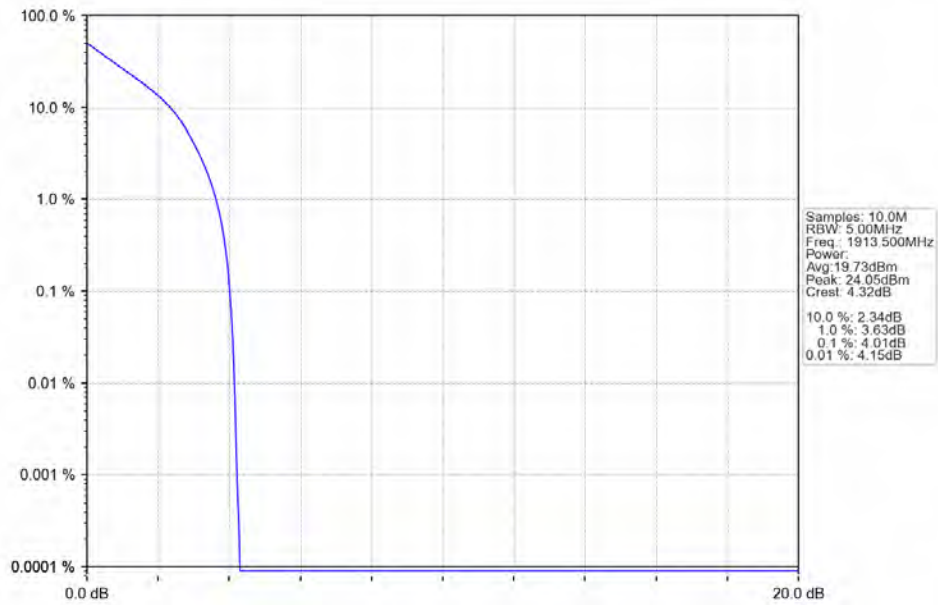
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTNV



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



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

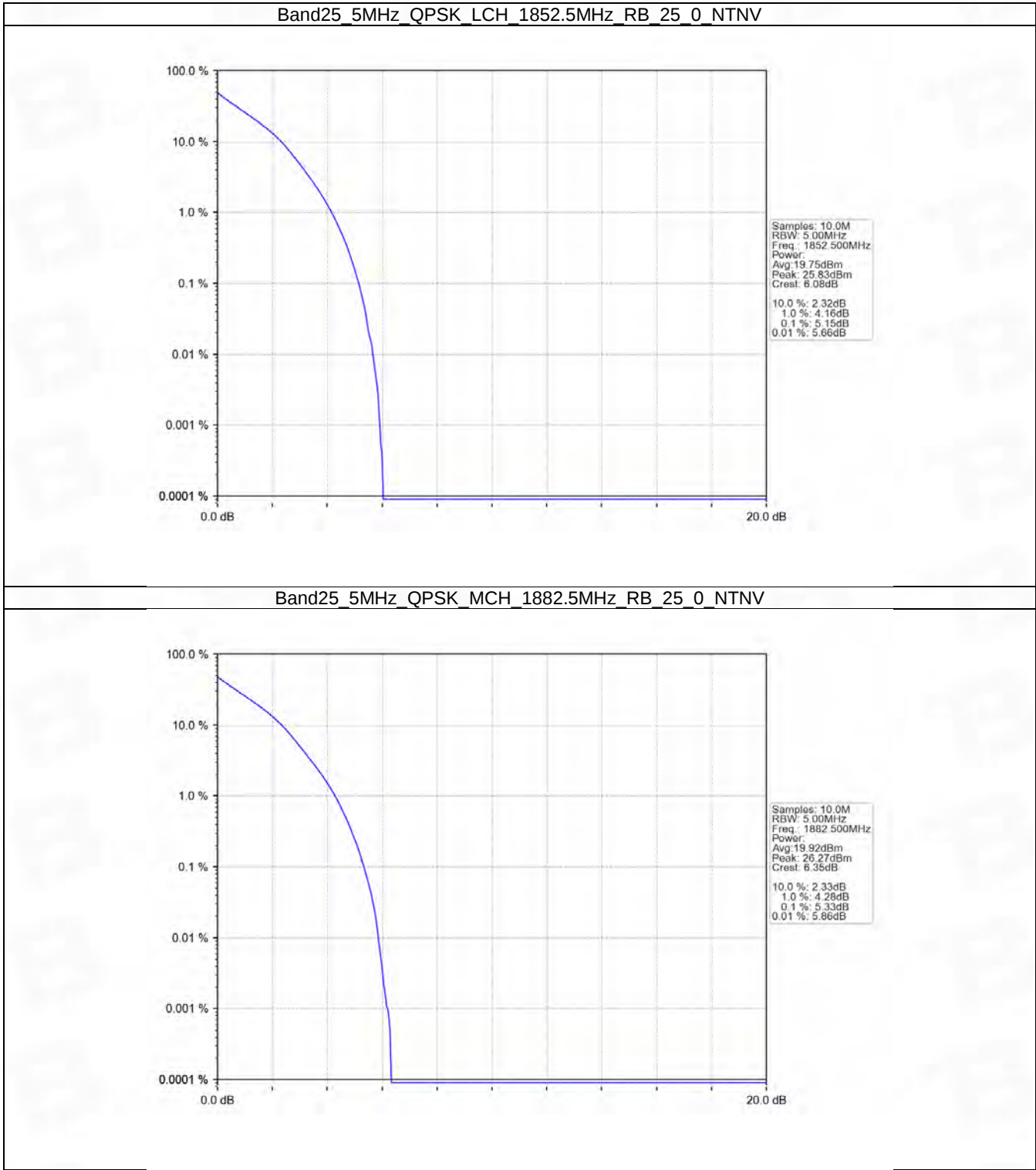


5.3 B25_5MHz

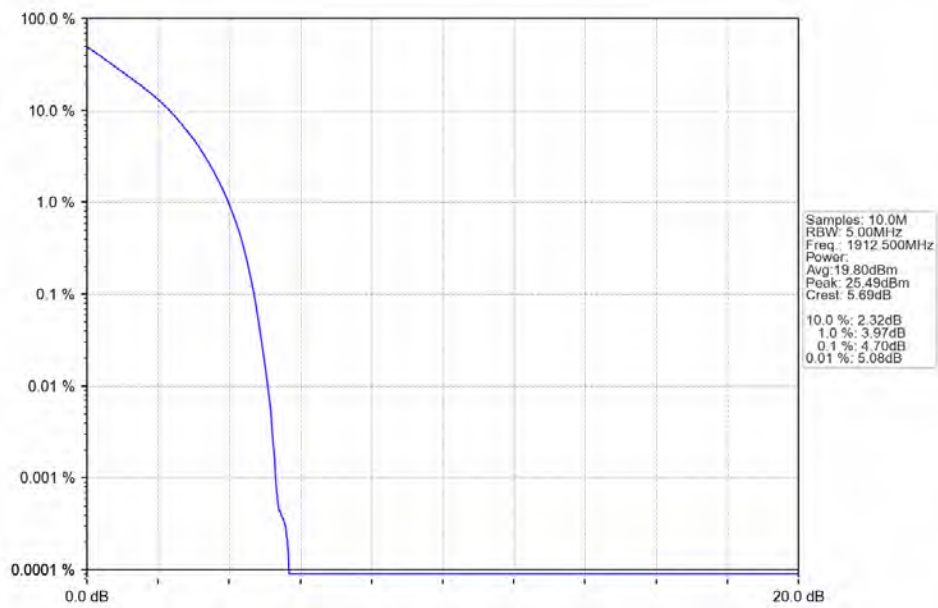
5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.15	<=13	Pass
	1882.5	25	0	5.33	<=13	Pass
	1912.5	25	0	4.70	<=13	Pass
16QAM	1852.5	25	0	5.84	<=13	Pass
	1882.5	25	0	6.10	<=13	Pass
	1912.5	25	0	5.48	<=13	Pass

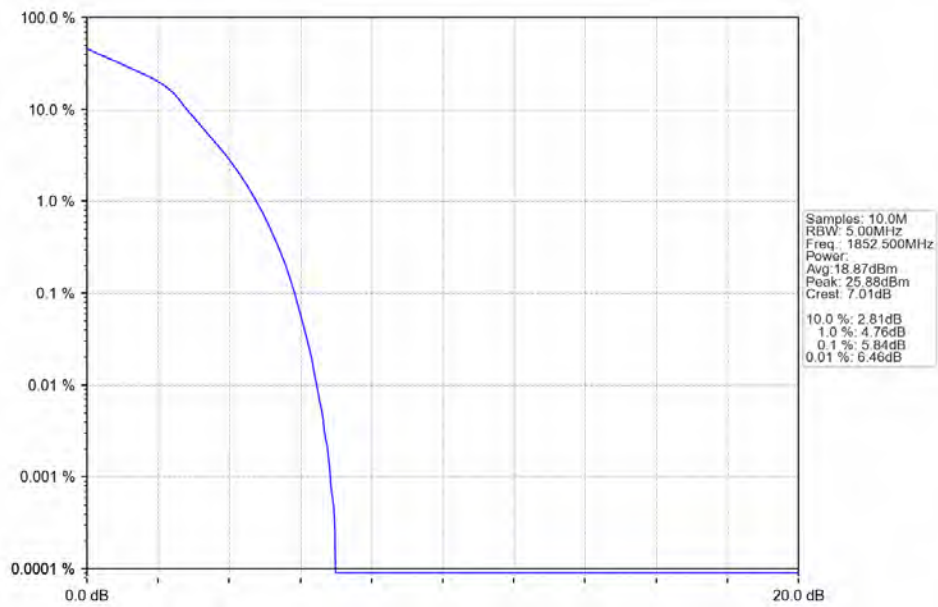
5.3.2 Test Graph



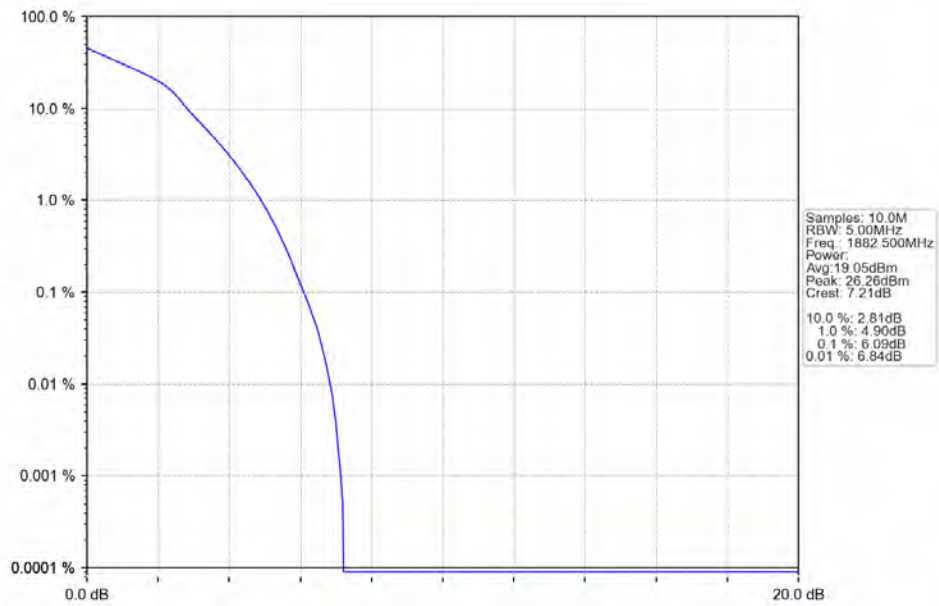
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



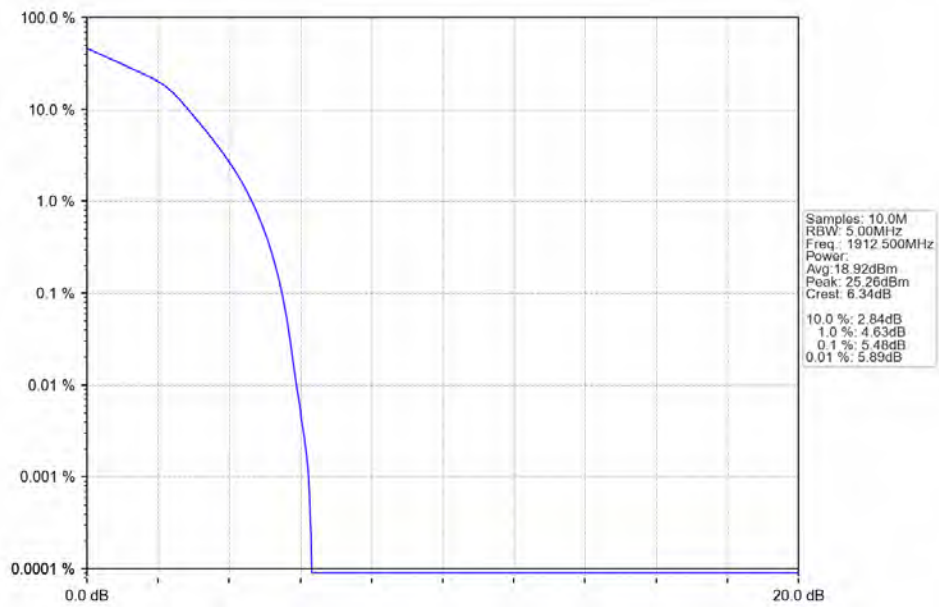
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



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



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

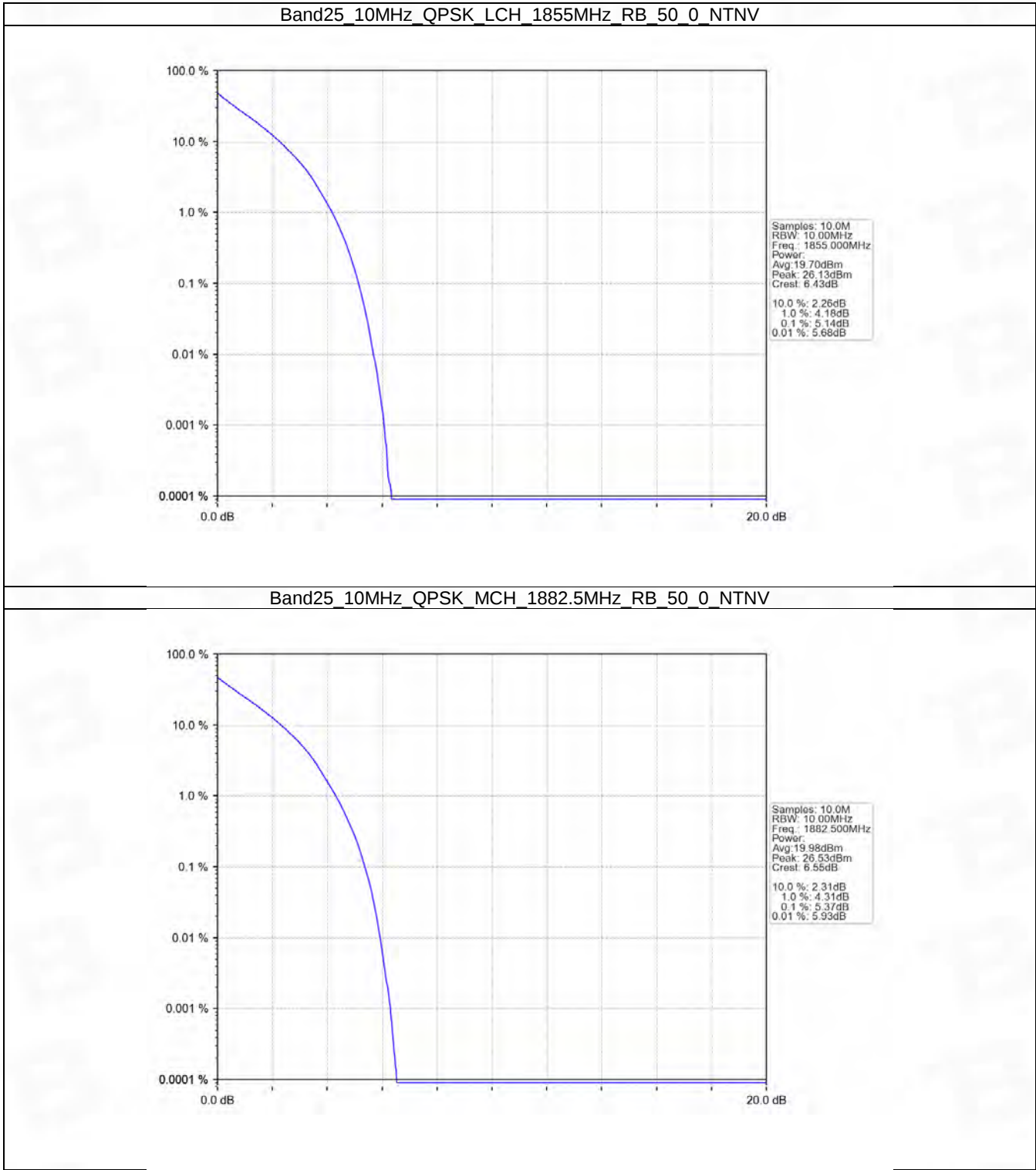


5.4 B25_10MHz

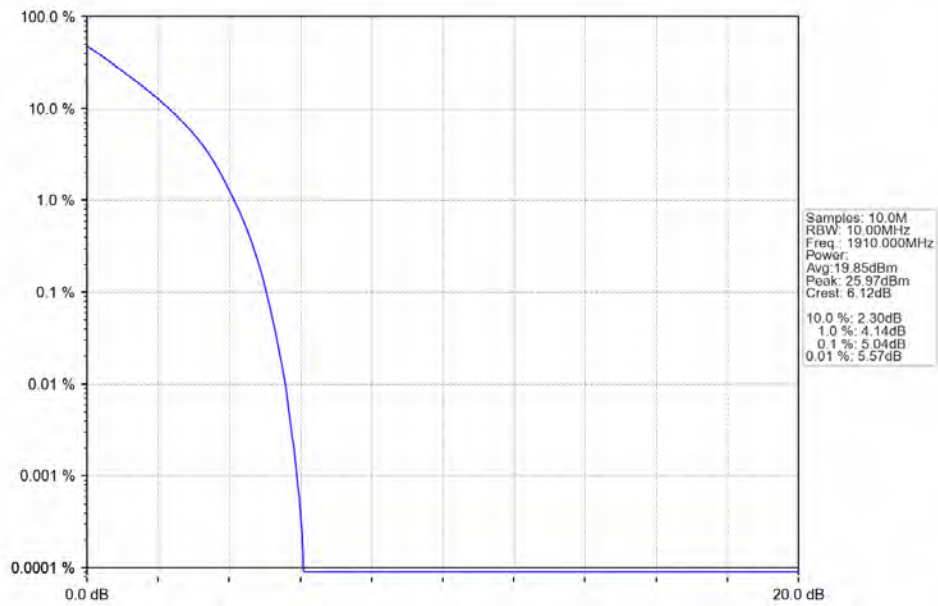
5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.14	<=13	Pass
	1882.5	50	0	5.37	<=13	Pass
	1910	50	0	5.04	<=13	Pass
16QAM	1855	50	0	5.13	<=13	Pass
	1882.5	50	0	5.37	<=13	Pass
	1910	50	0	5.01	<=13	Pass

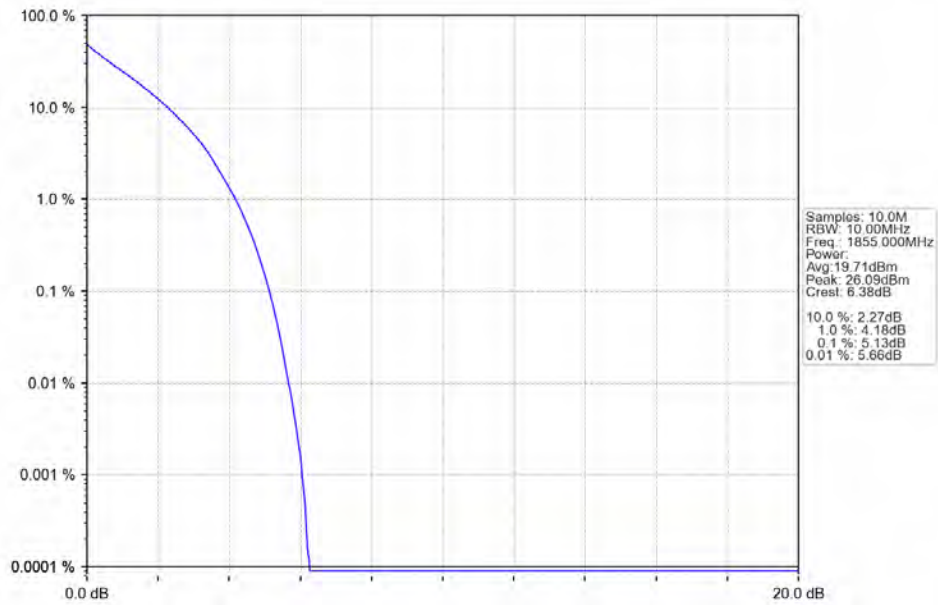
5.4.2 Test Graph



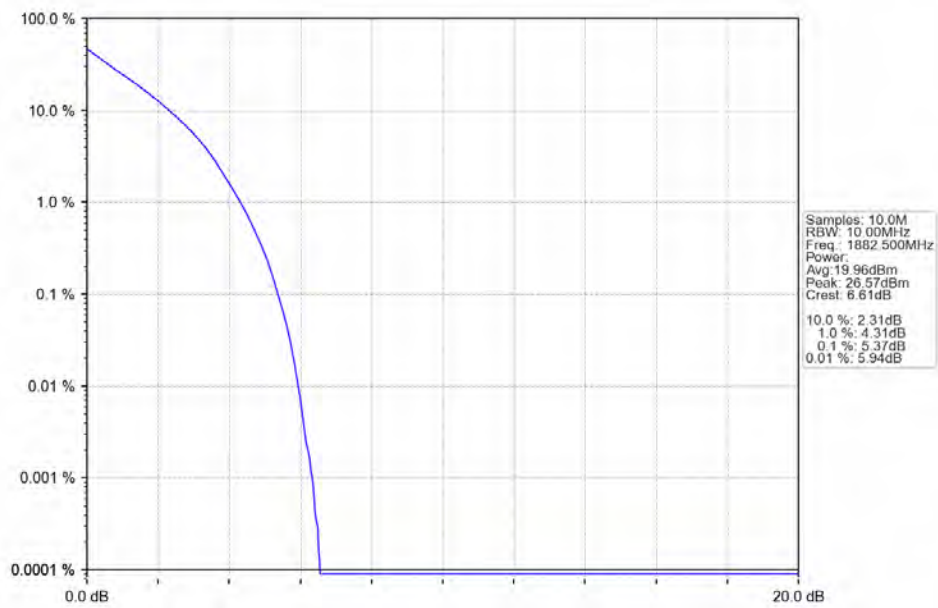
Band25 10MHz QPSK HCH 1910MHz RB 50 0 NTNV



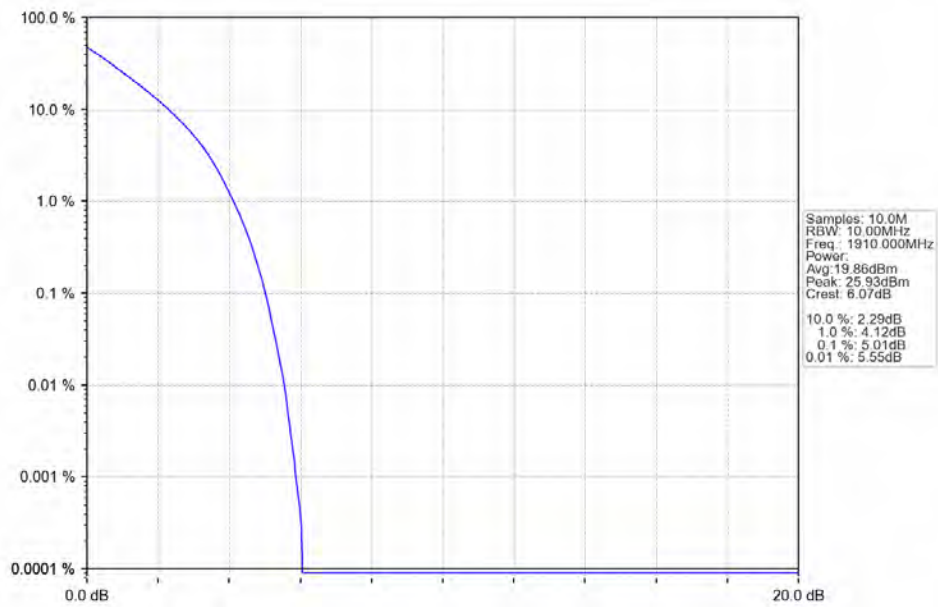
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTNV



Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV

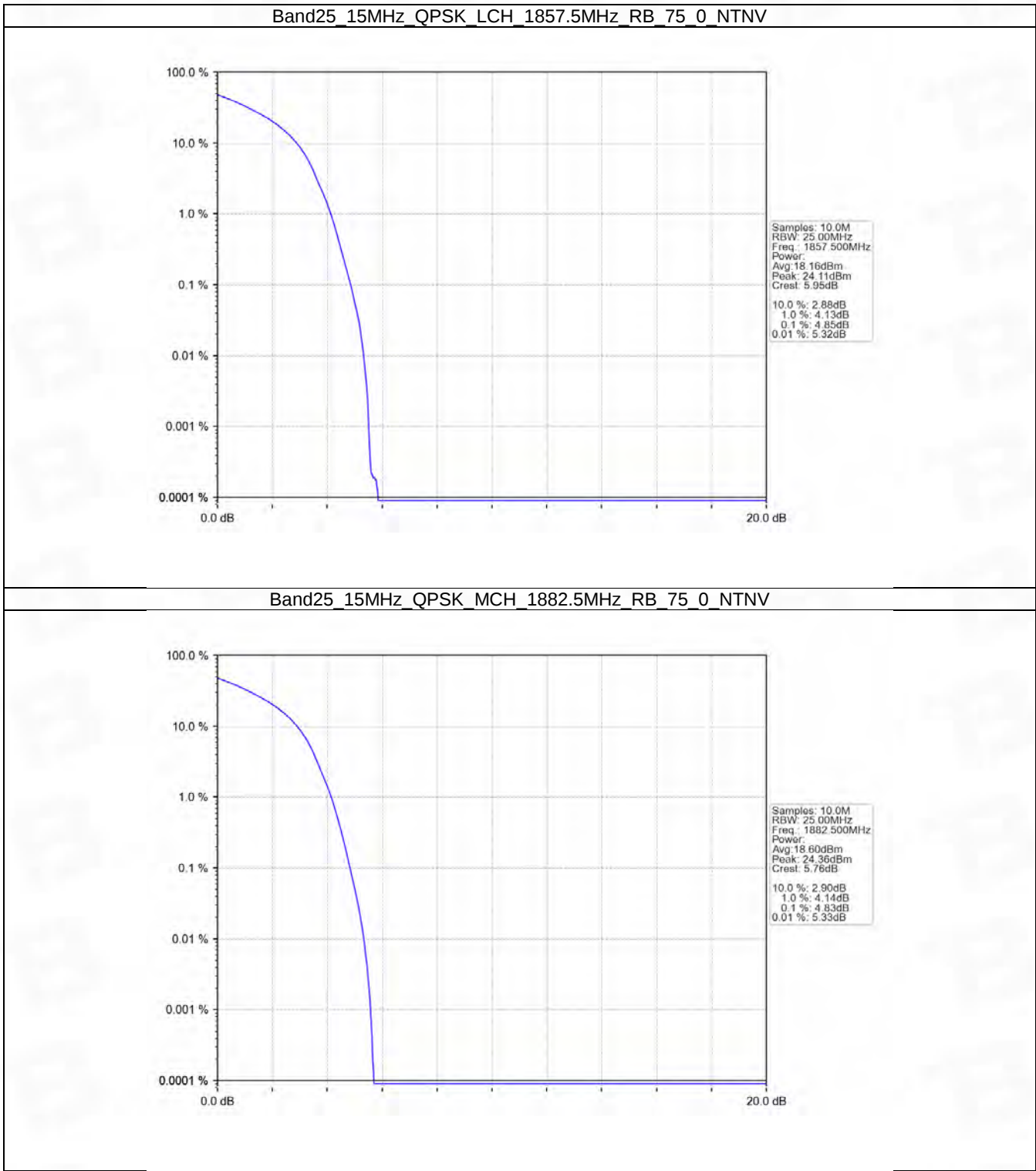


5.5 B25_15MHz

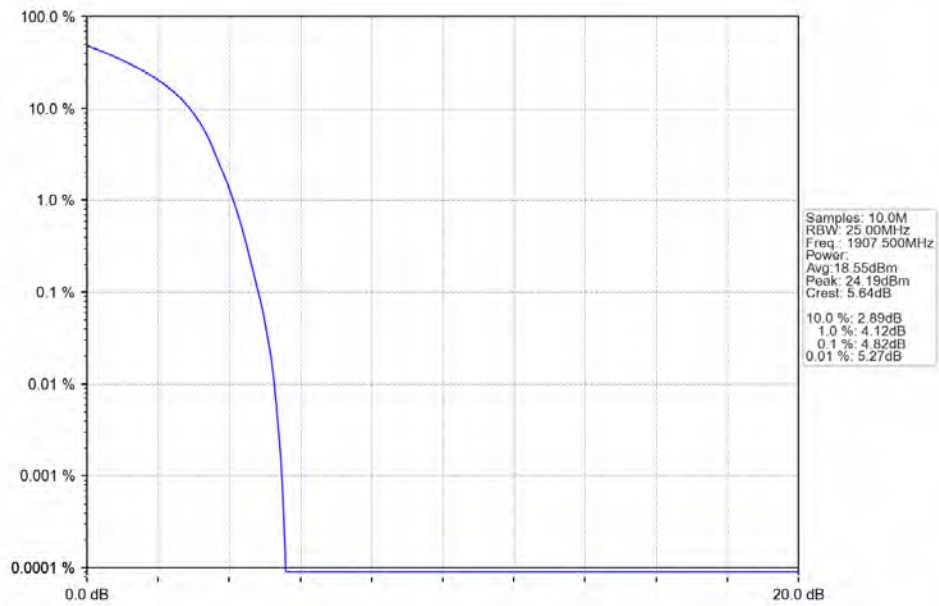
5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.85	<=13	Pass
	1882.5	75	0	4.83	<=13	Pass
	1907.5	75	0	4.82	<=13	Pass
16QAM	1857.5	75	0	6.05	<=13	Pass
	1882.5	75	0	6.13	<=13	Pass
	1907.5	75	0	5.99	<=13	Pass

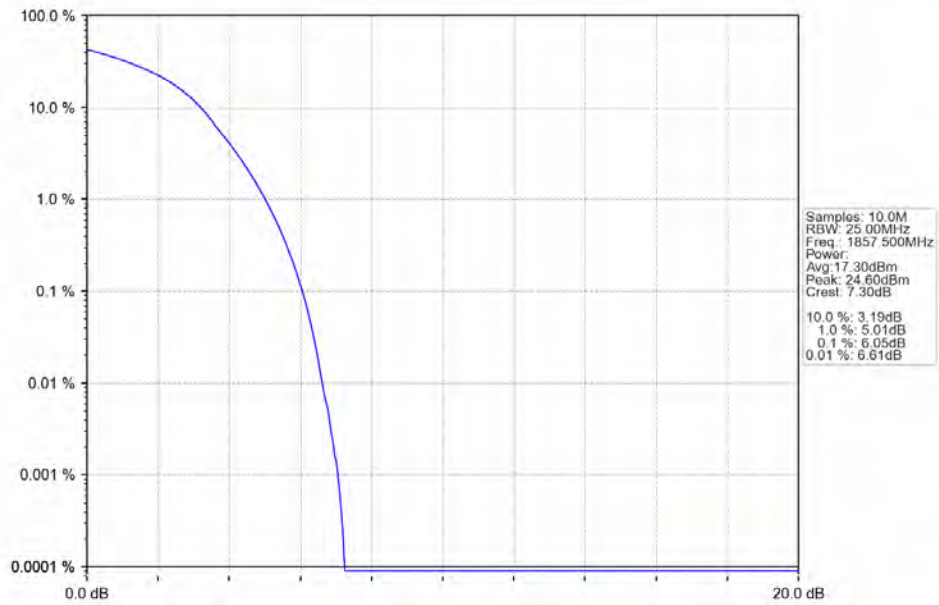
5.5.2 Test Graph



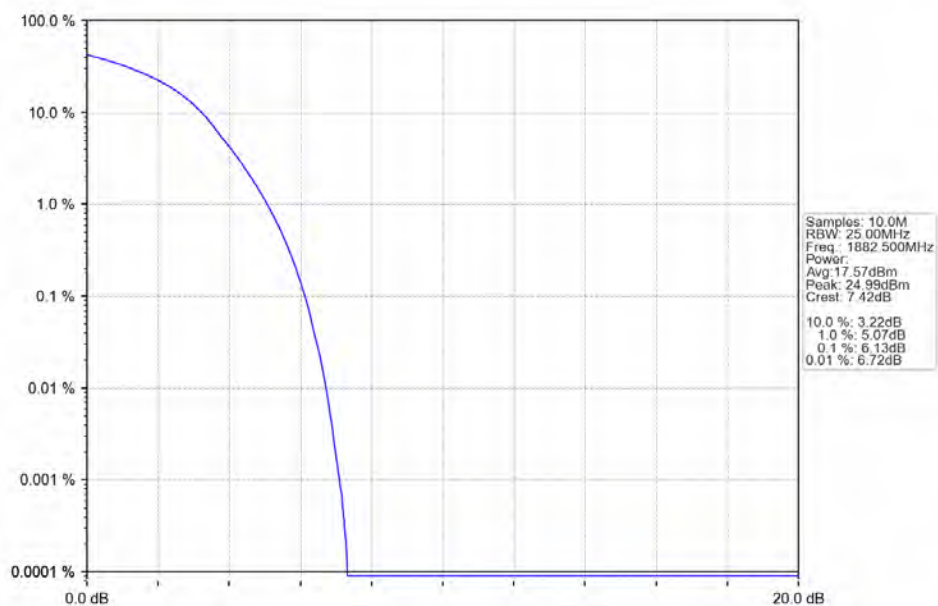
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



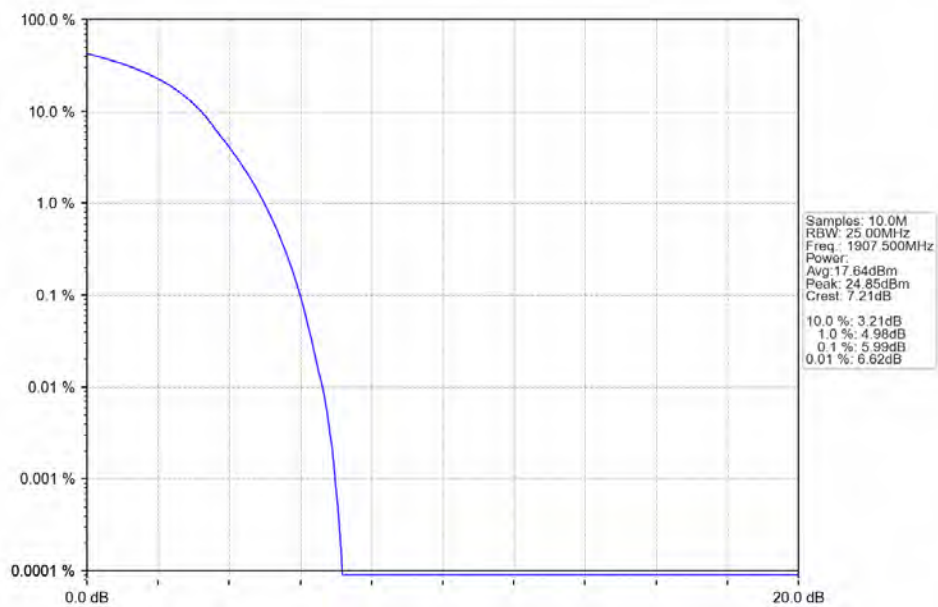
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



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



Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV

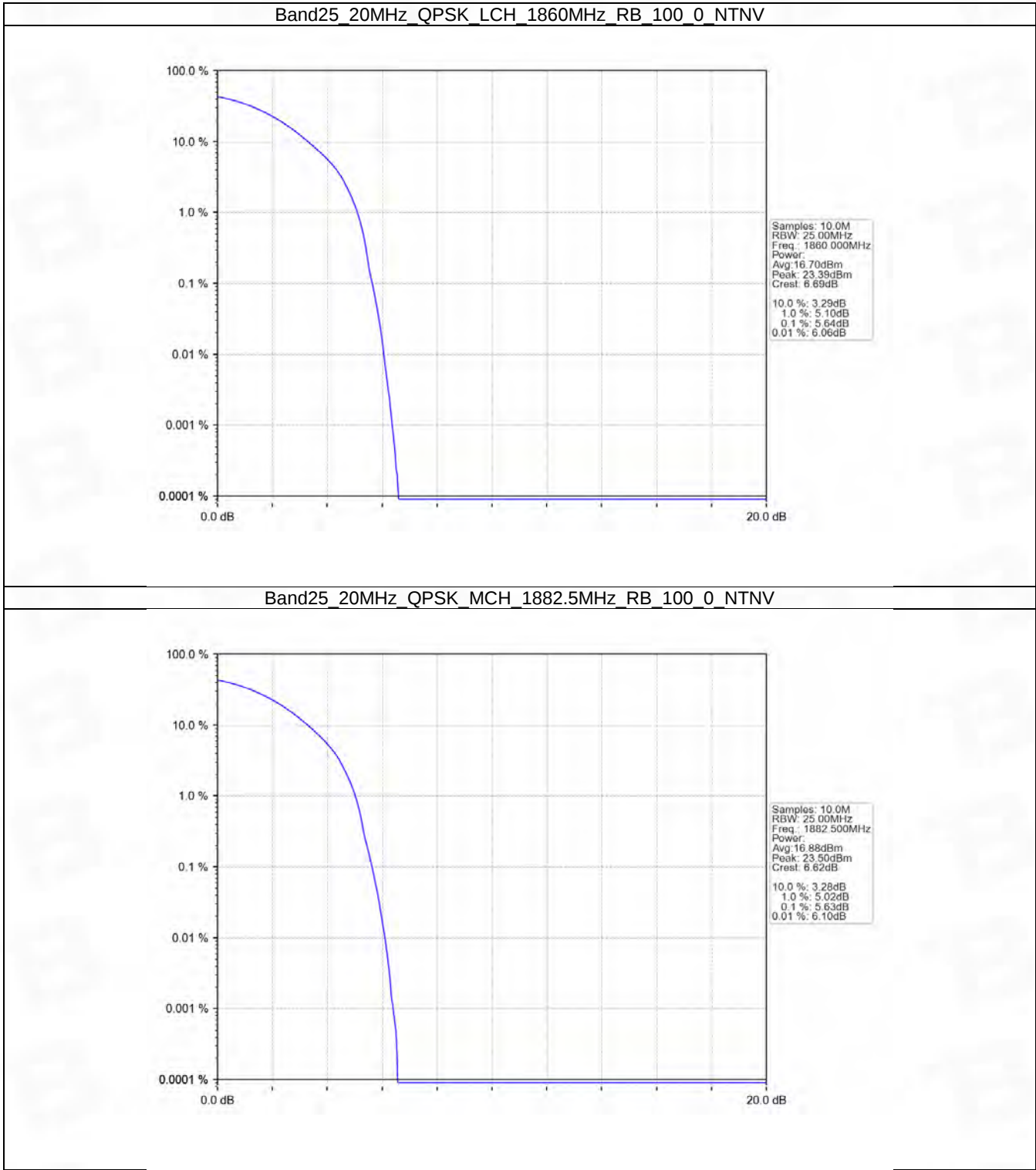


5.6 B25_20MHz

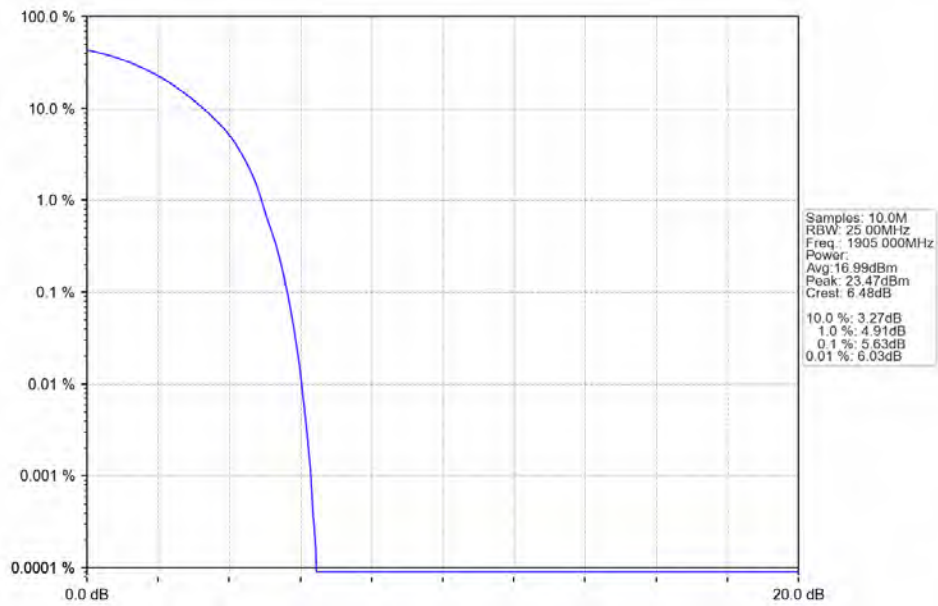
5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.64	<=13	Pass
	1882.5	100	0	5.63	<=13	Pass
	1905	100	0	5.63	<=13	Pass
16QAM	1860	100	0	5.63	<=13	Pass
	1882.5	100	0	5.63	<=13	Pass
	1905	100	0	5.62	<=13	Pass

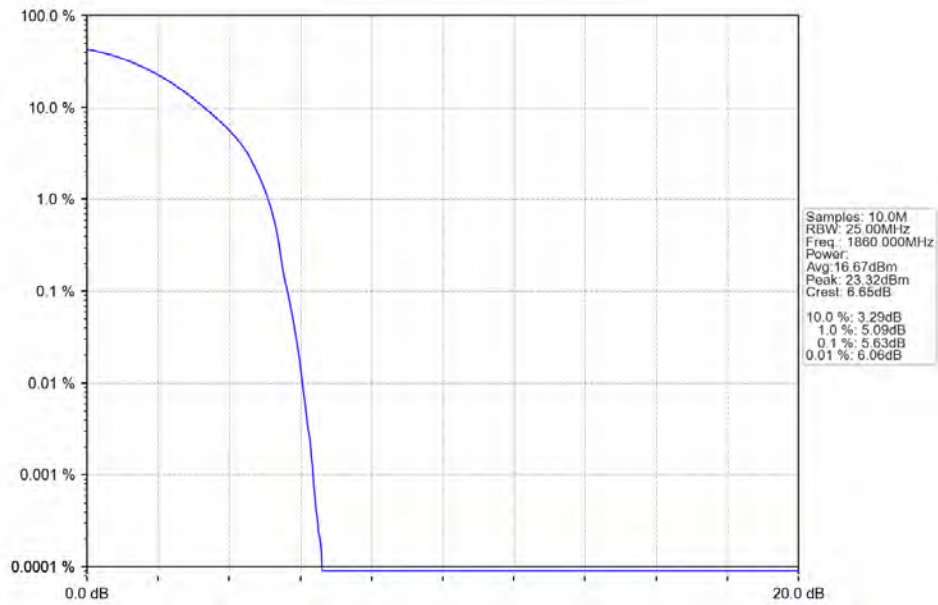
5.6.2 Test Graph



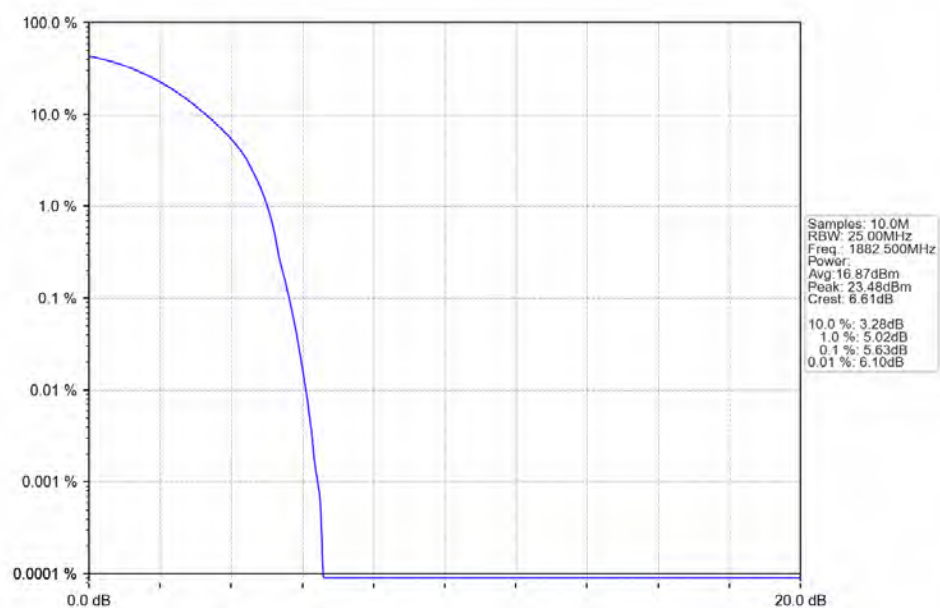
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTNV



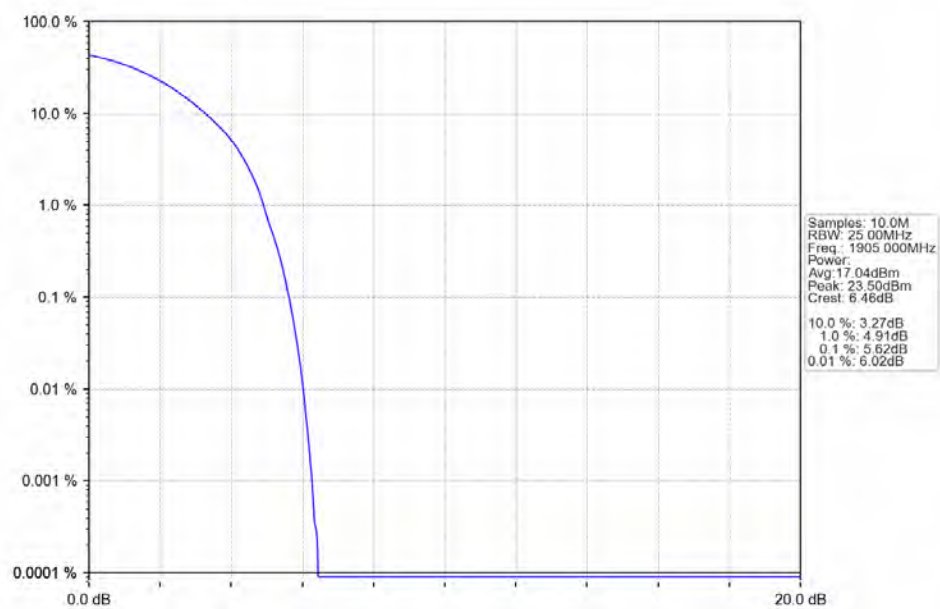
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



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



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



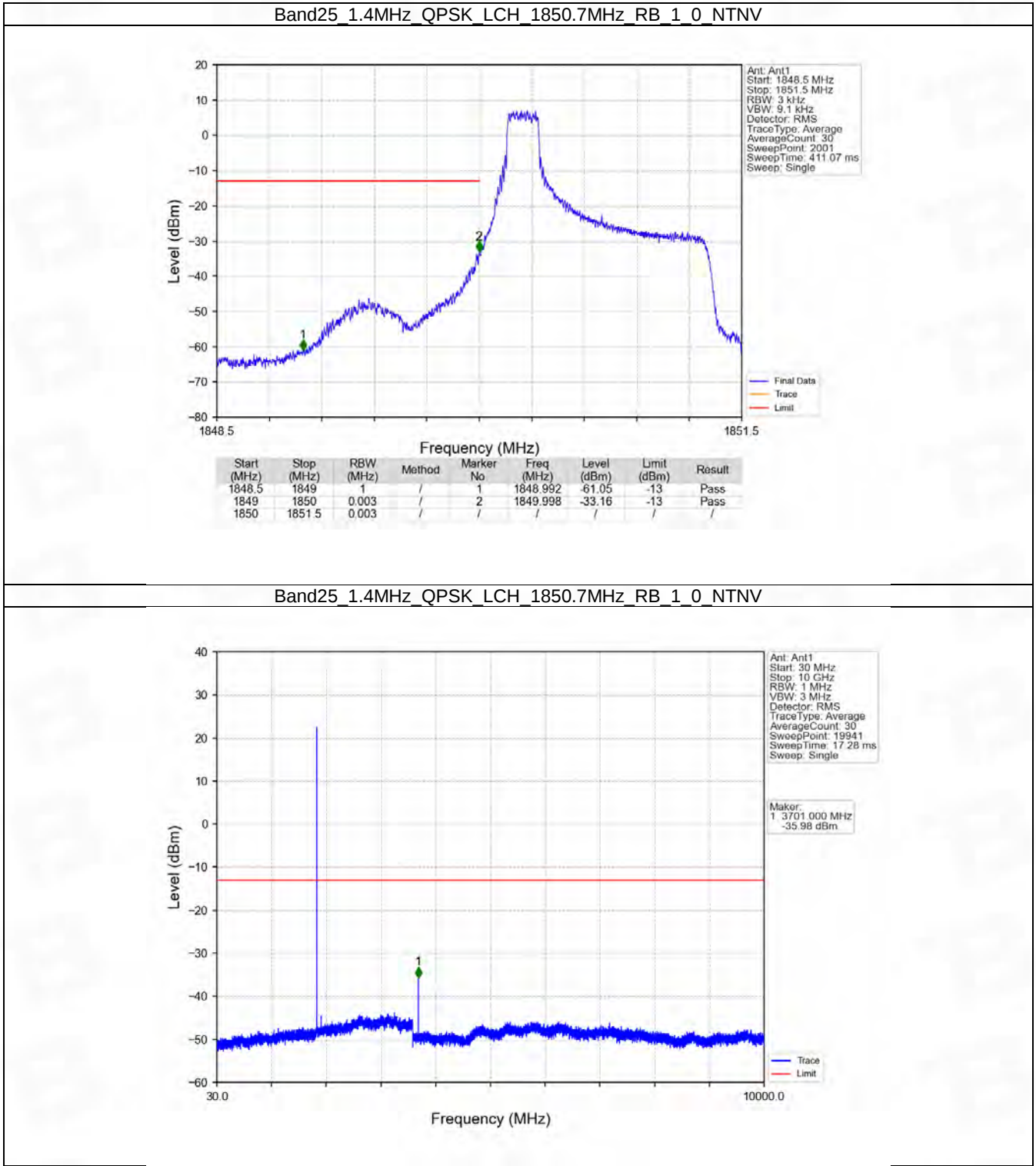
6. Spurious Emission

6.1 B25_1.4MHz

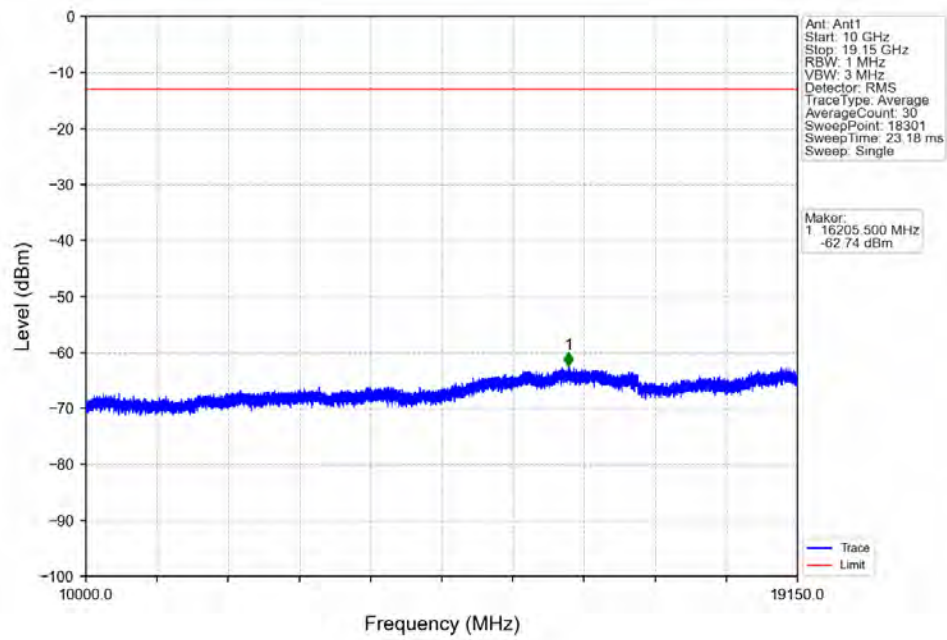
6.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1850.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1882.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
16QAM	1850.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1882.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass
			0	Refer To Test Graph	Pass

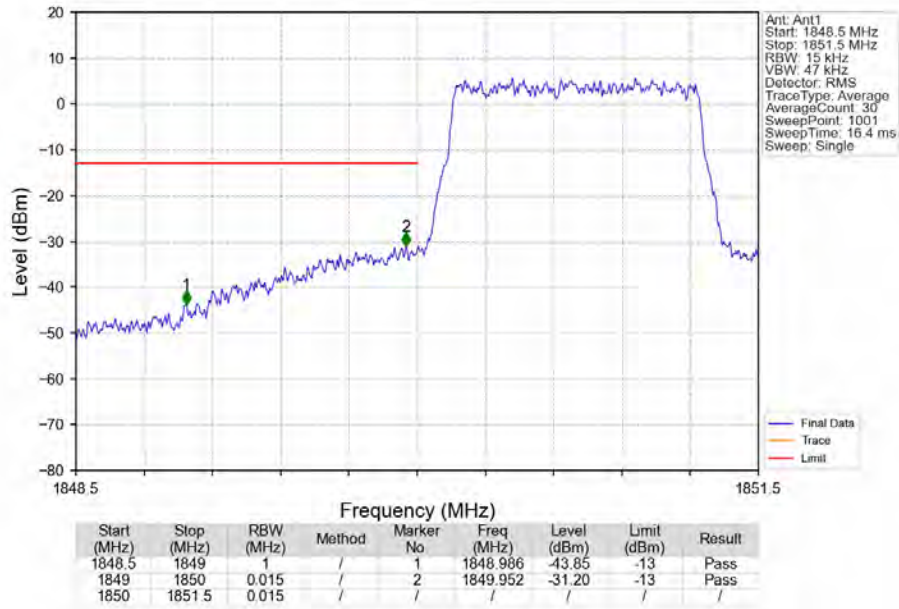
6.1.2 Test Graph



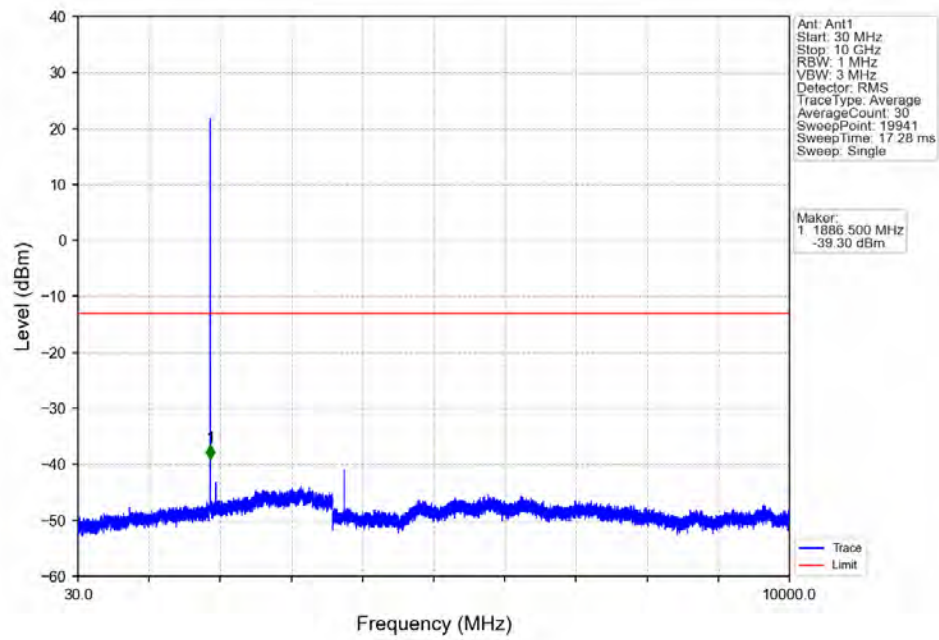
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



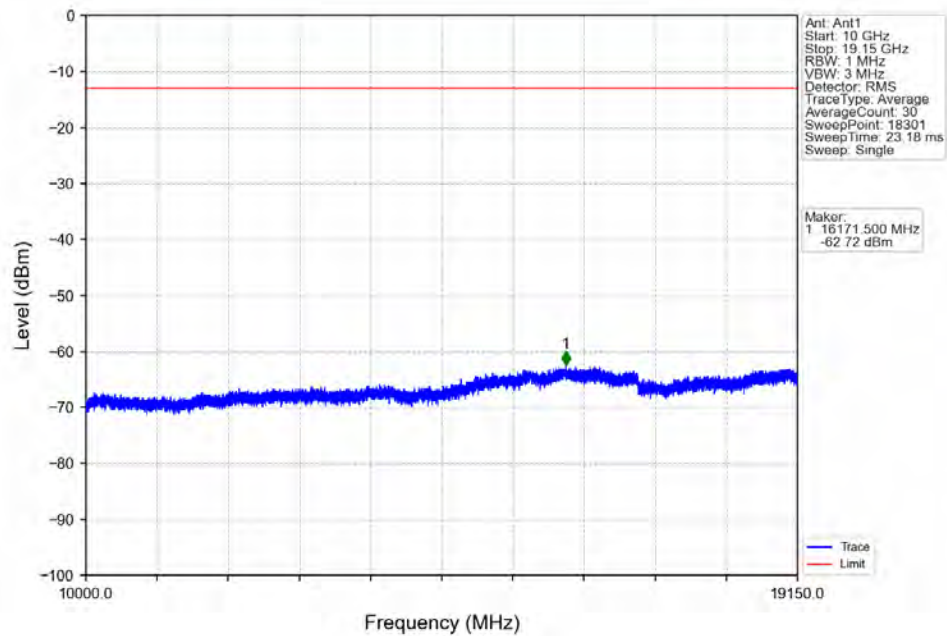
Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTV



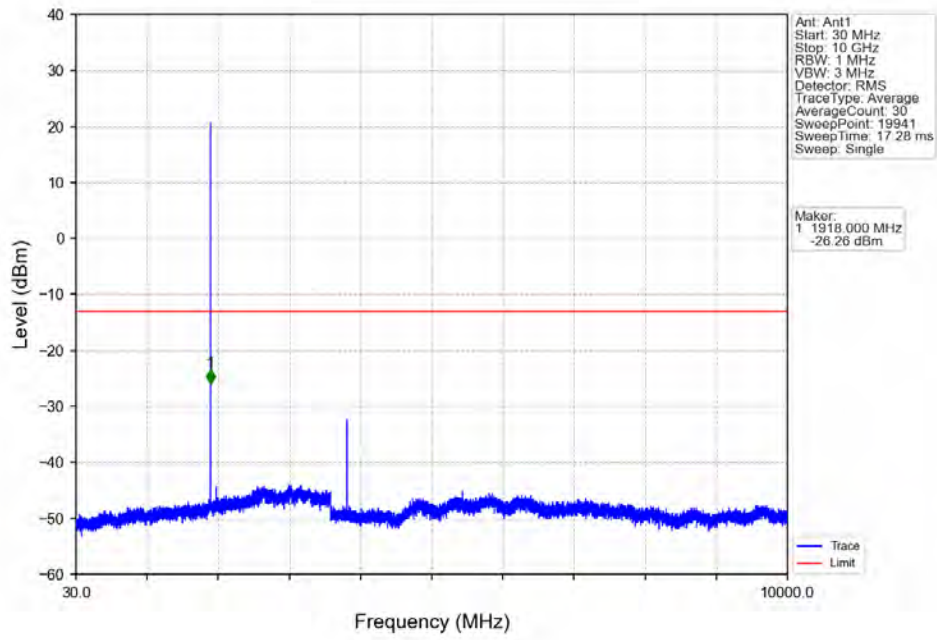
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



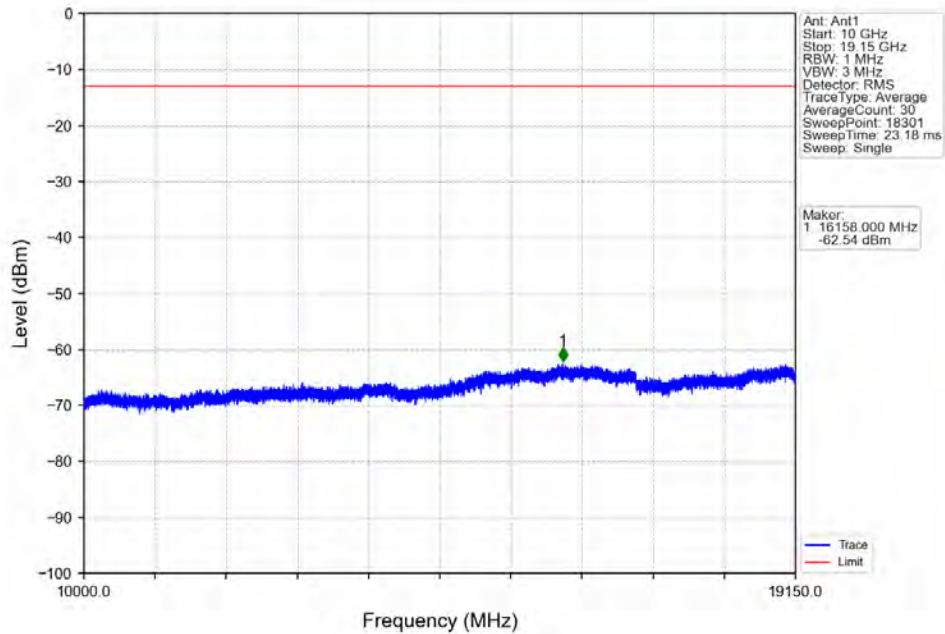
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



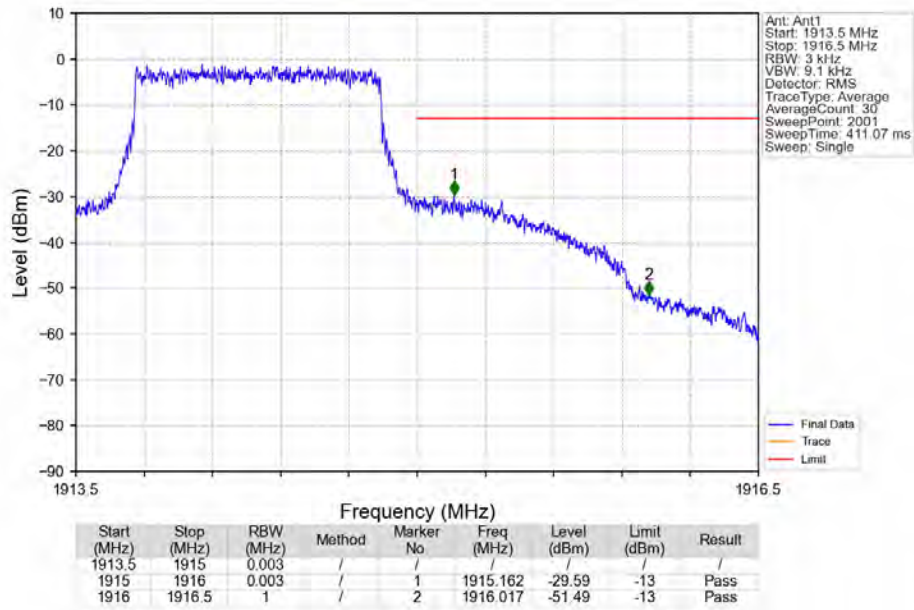
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



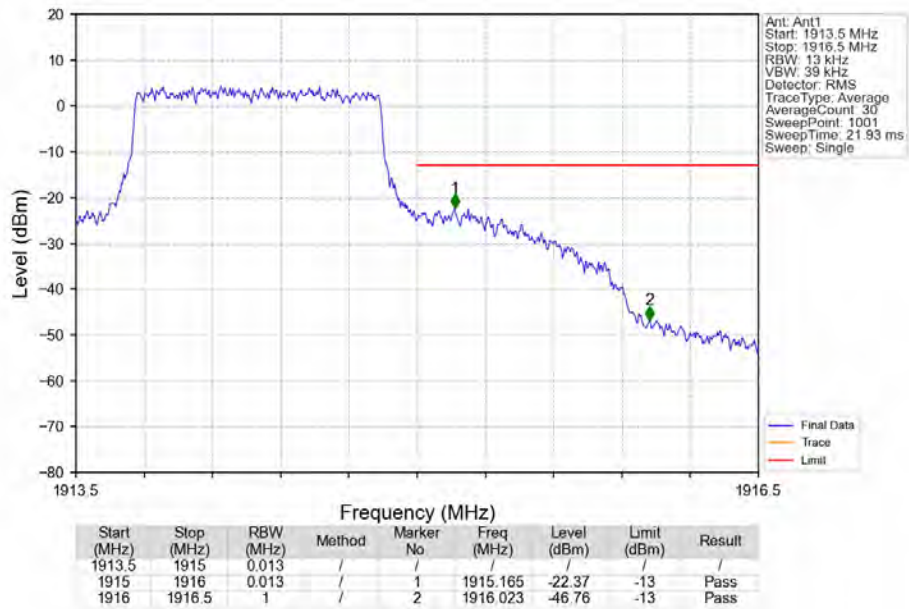
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



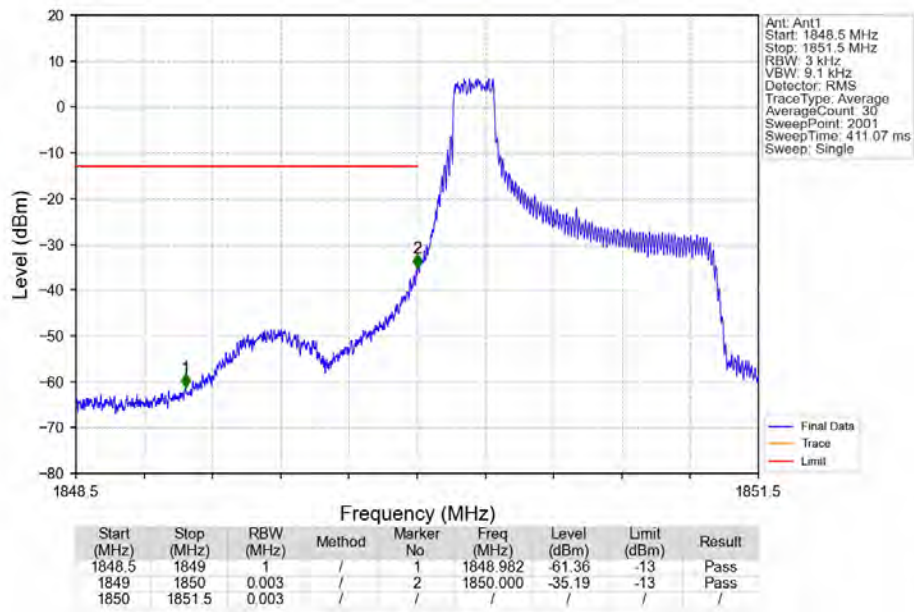
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



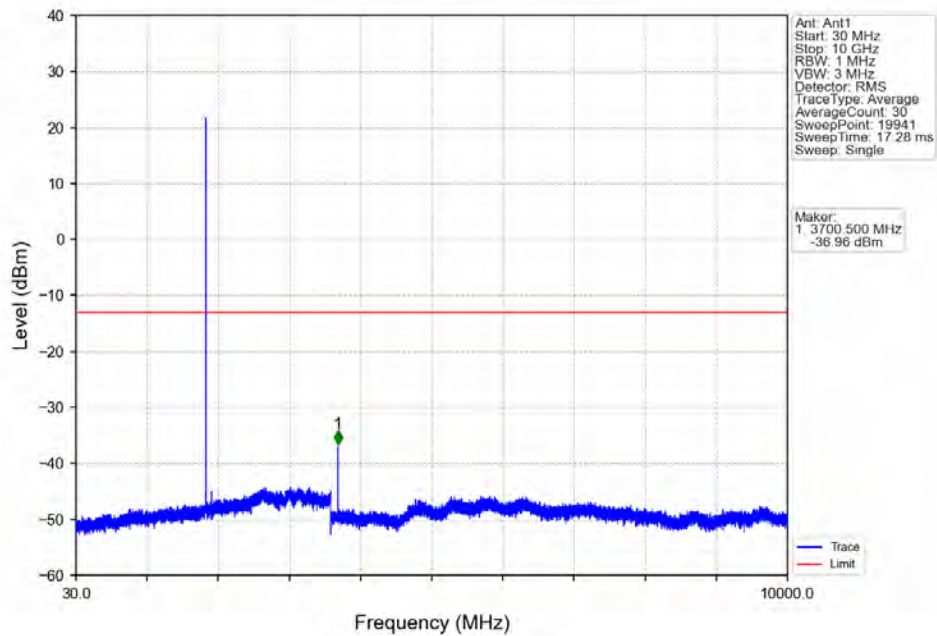
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



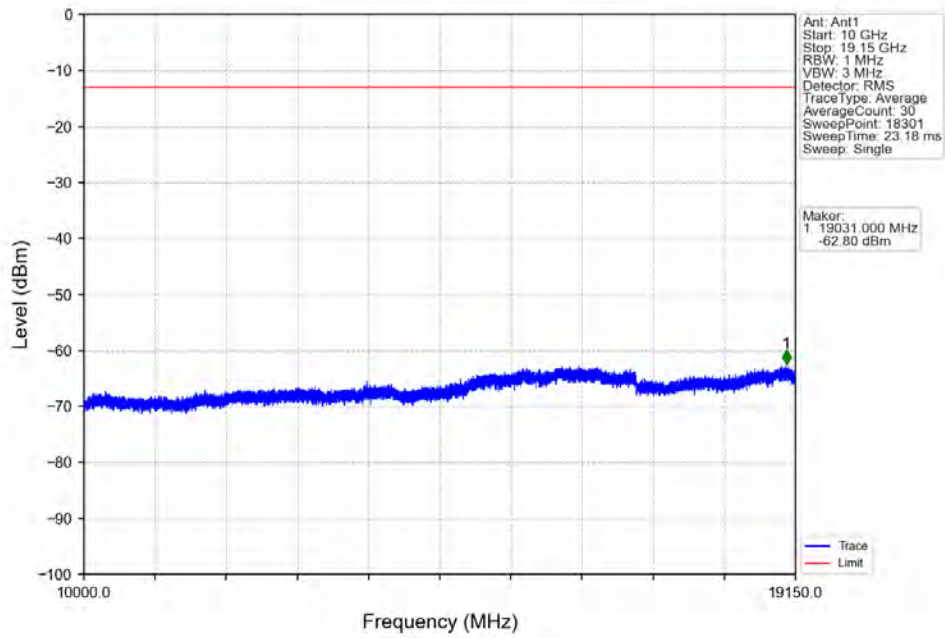
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



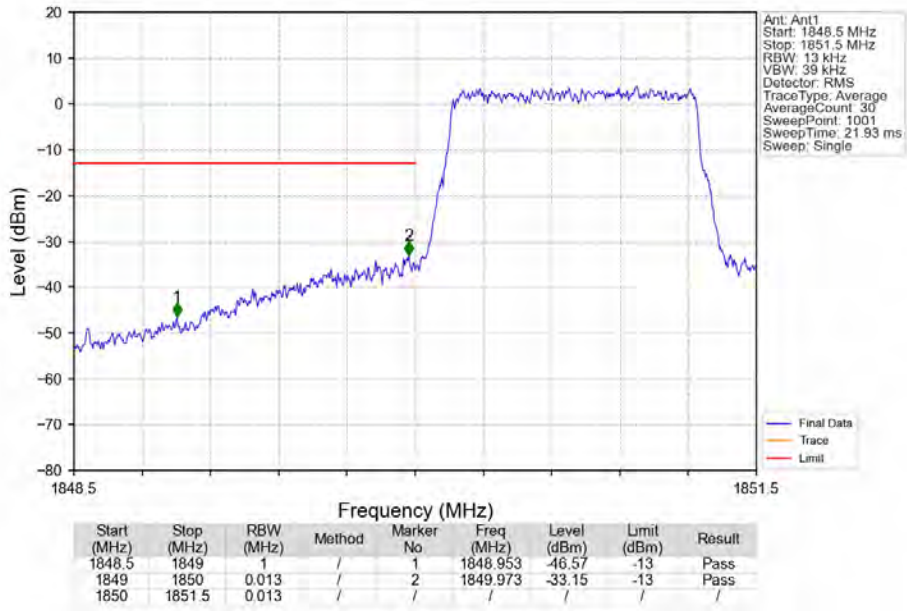
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



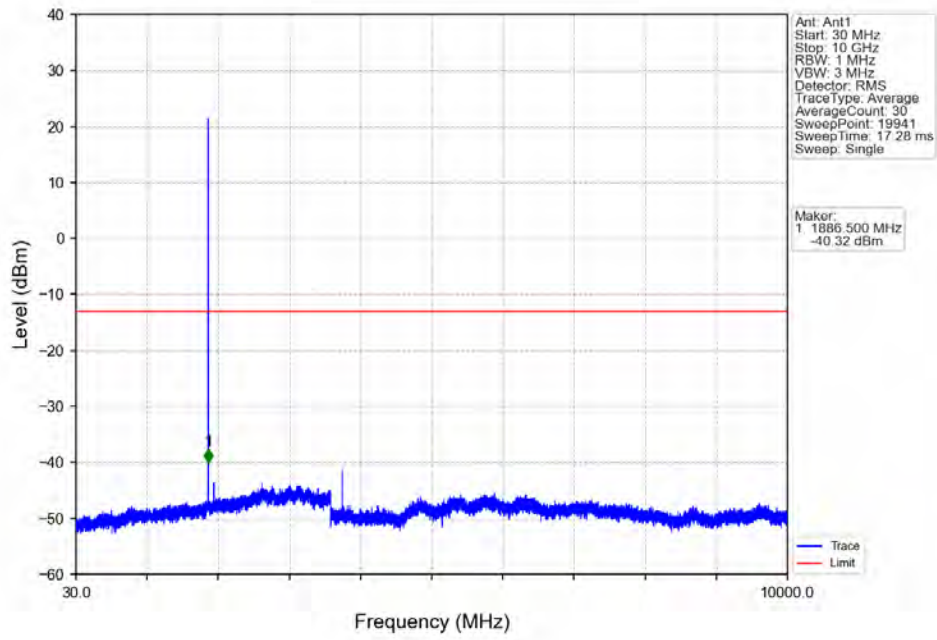
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



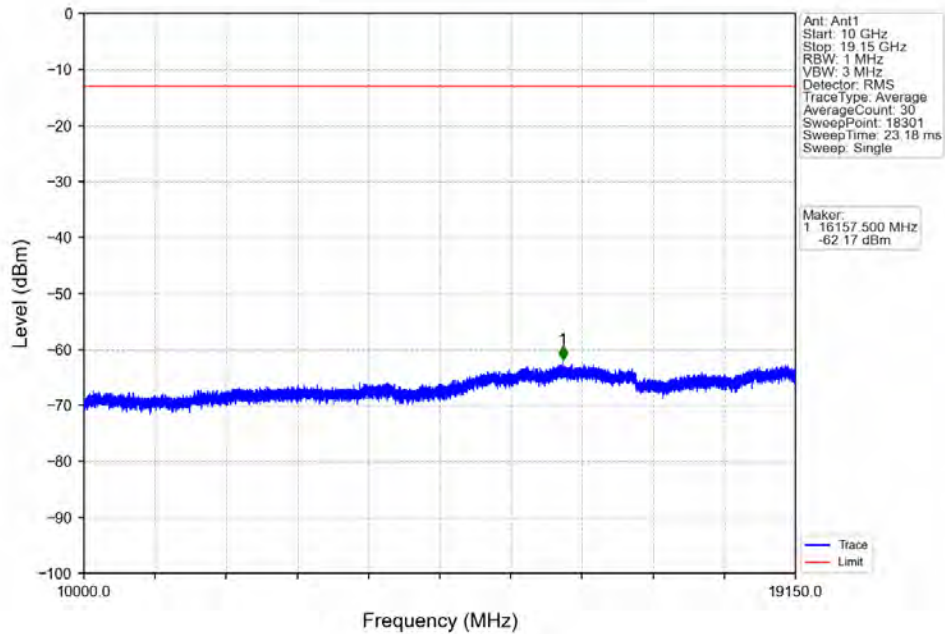
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



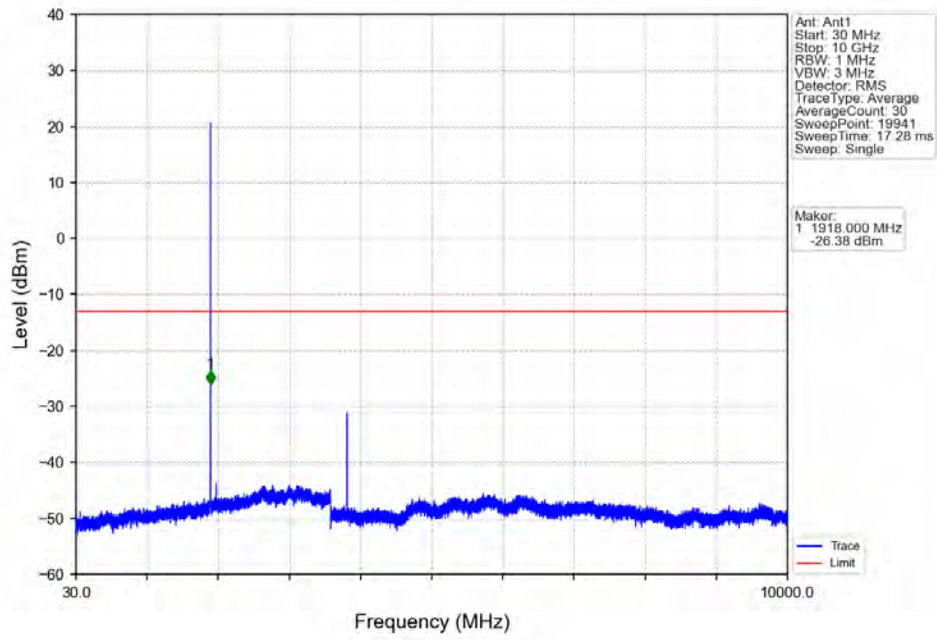
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



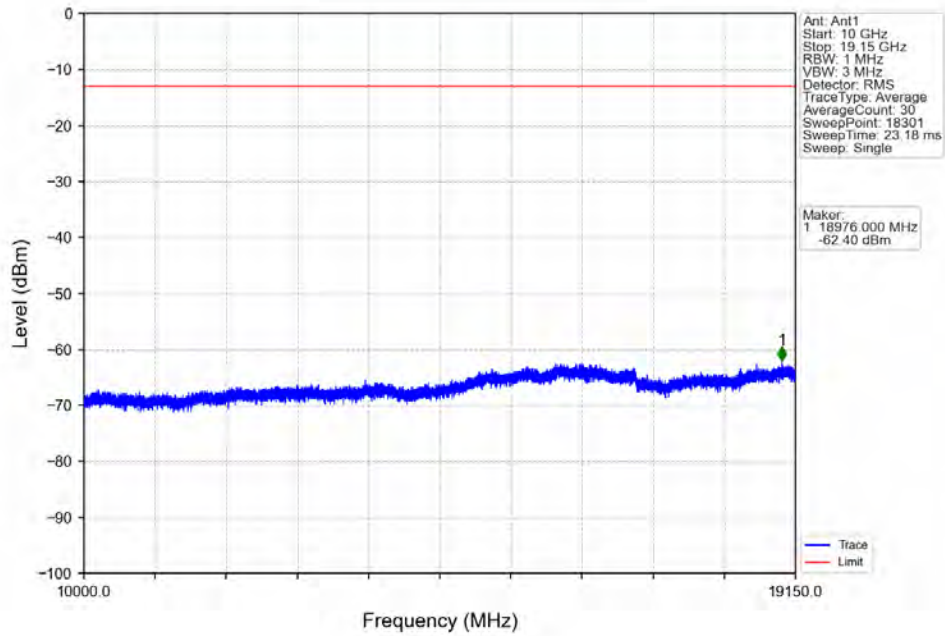
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



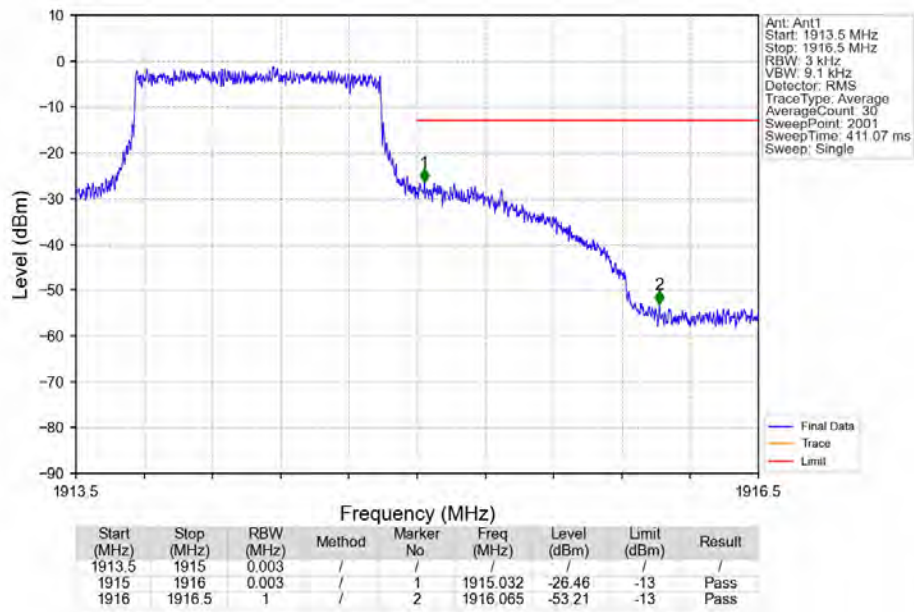
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTN



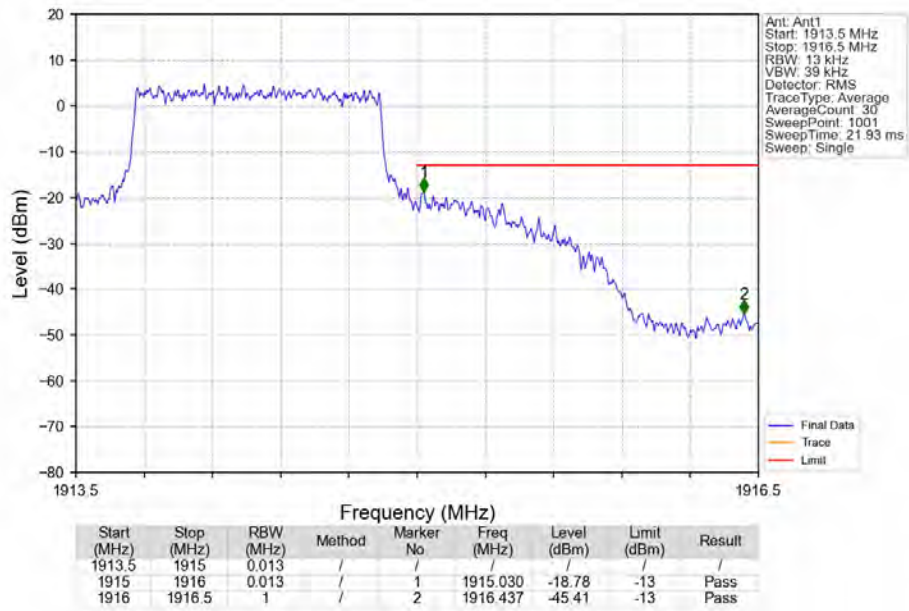
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTN



Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 5 NTN



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

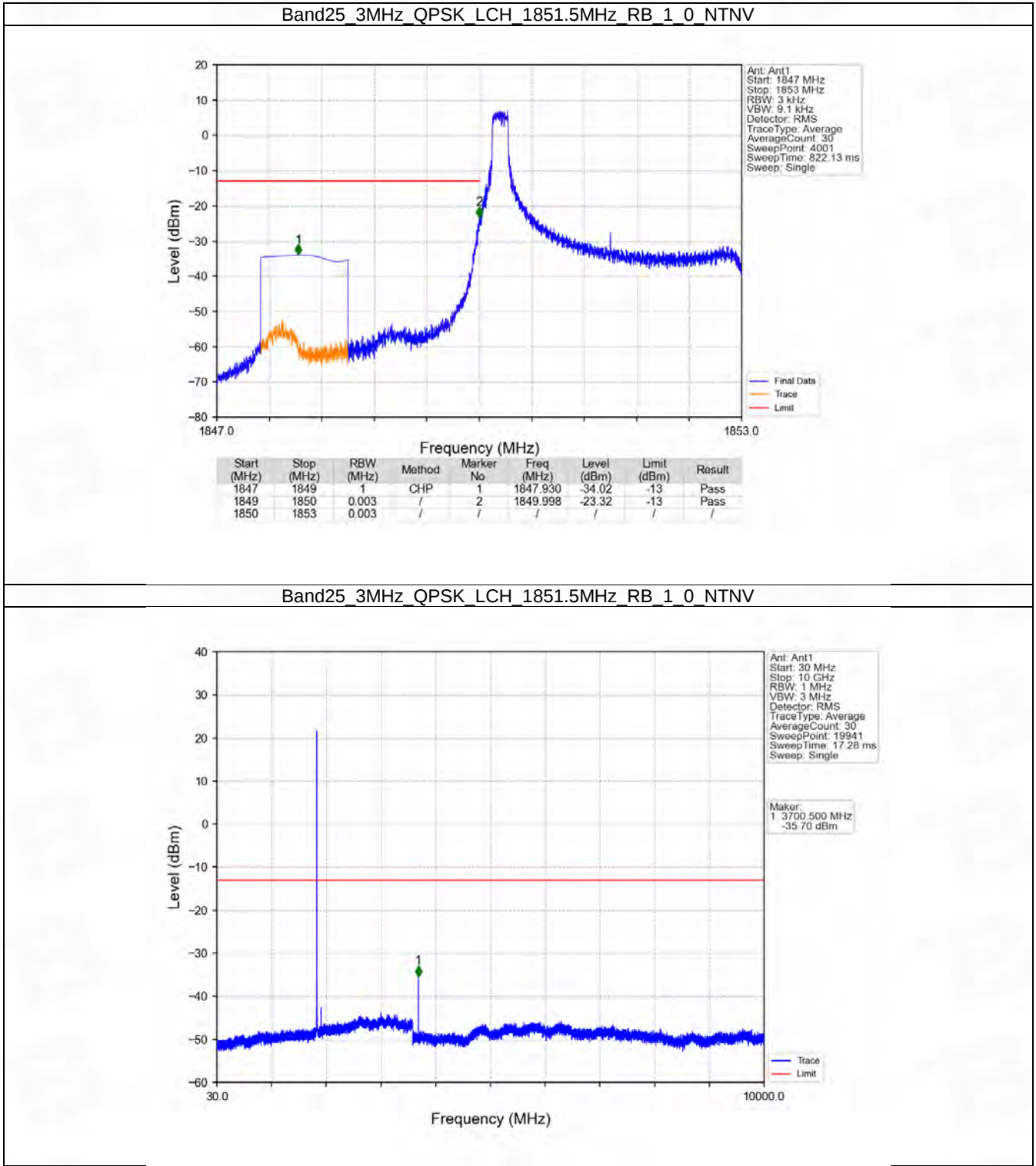


6.2 B25_3MHz

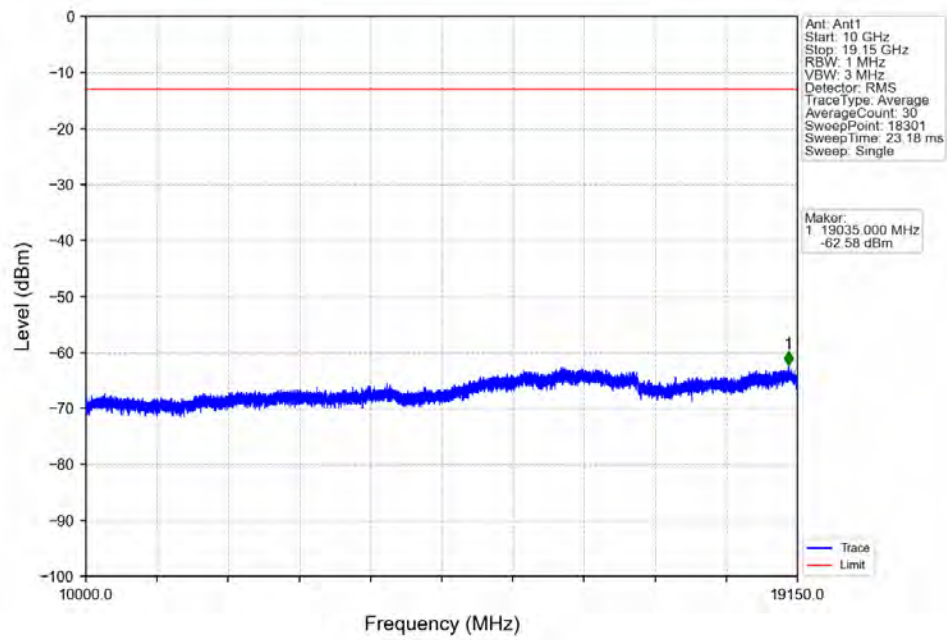
6.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

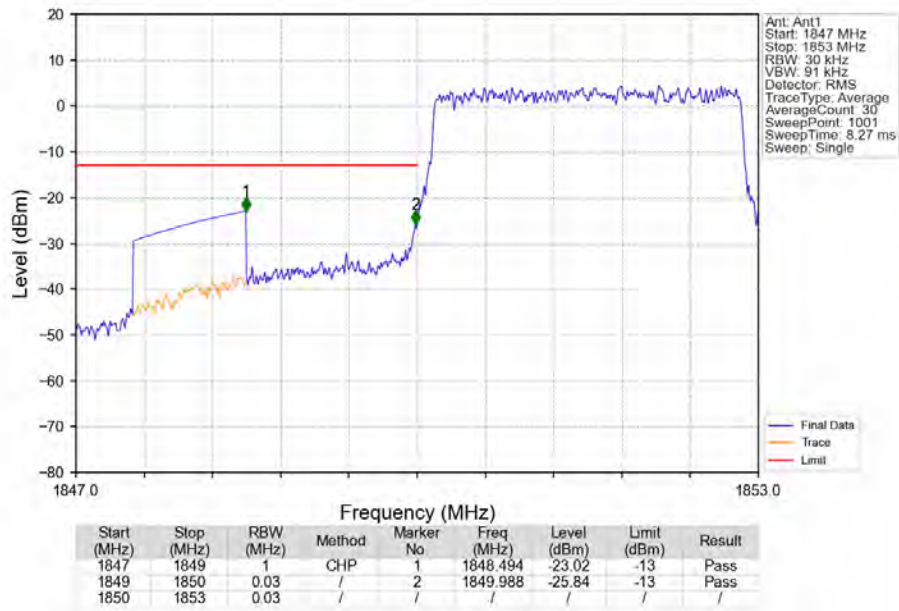
6.2.2 Test Graph



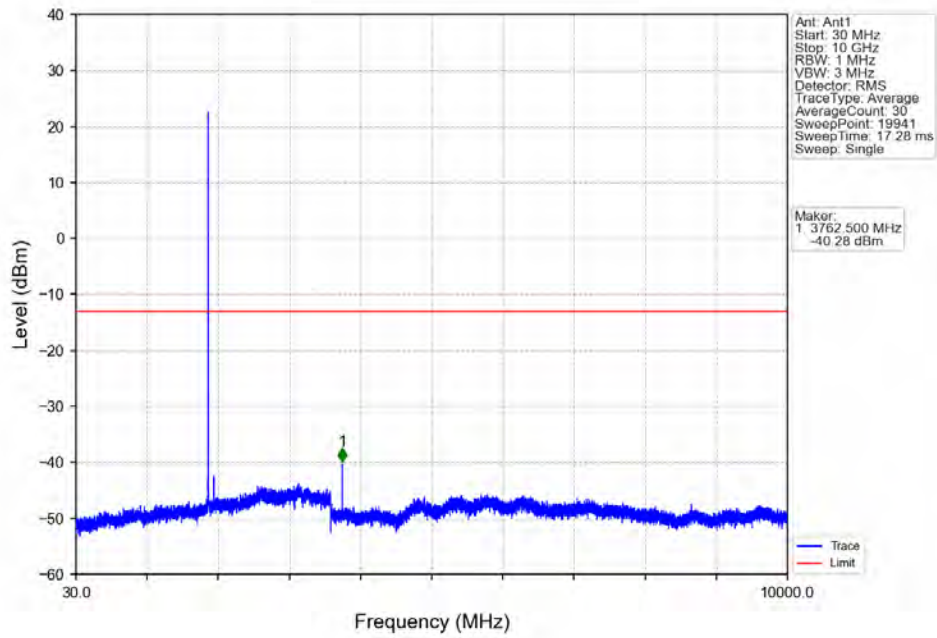
Band25 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV



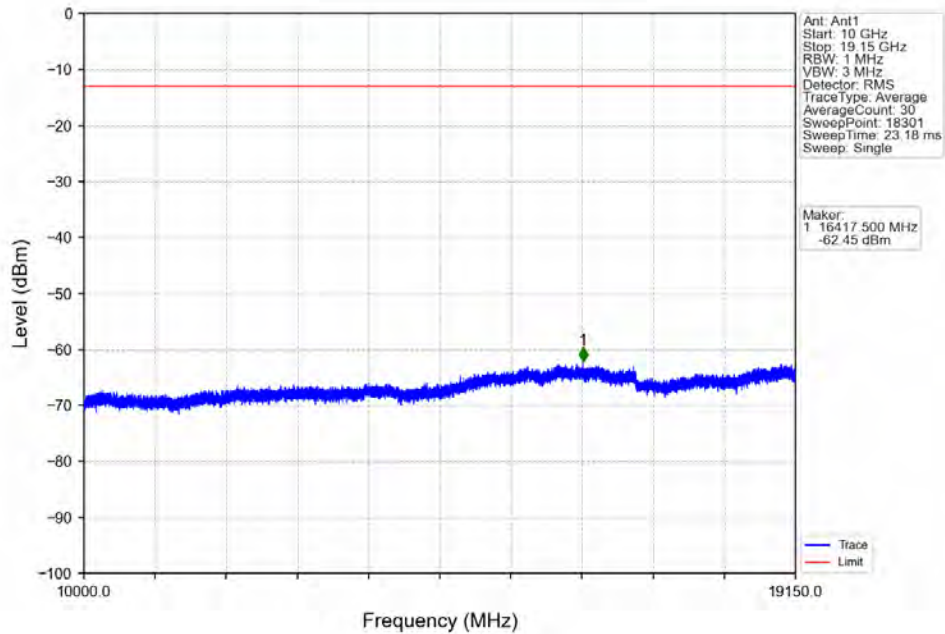
Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTNV



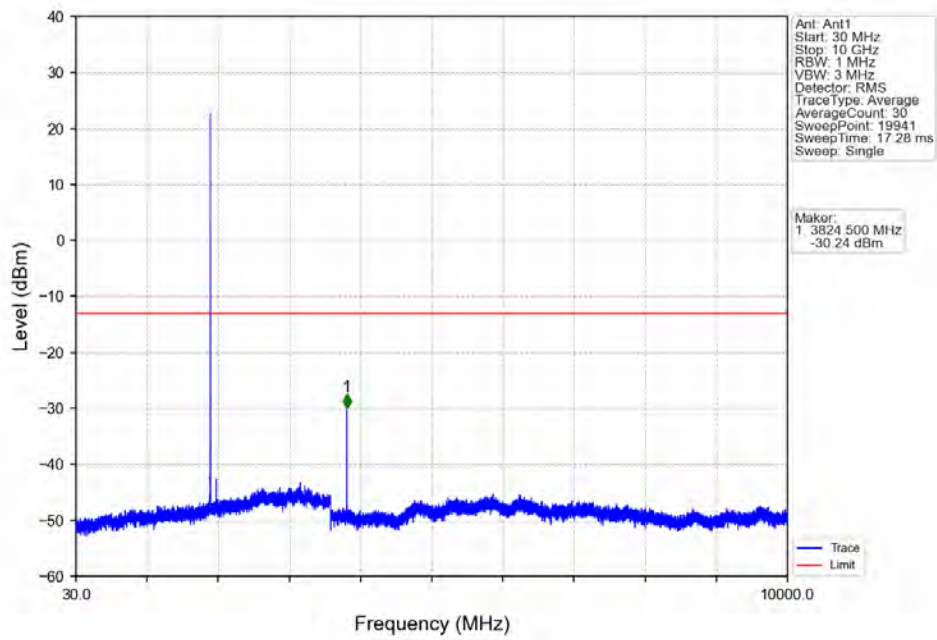
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



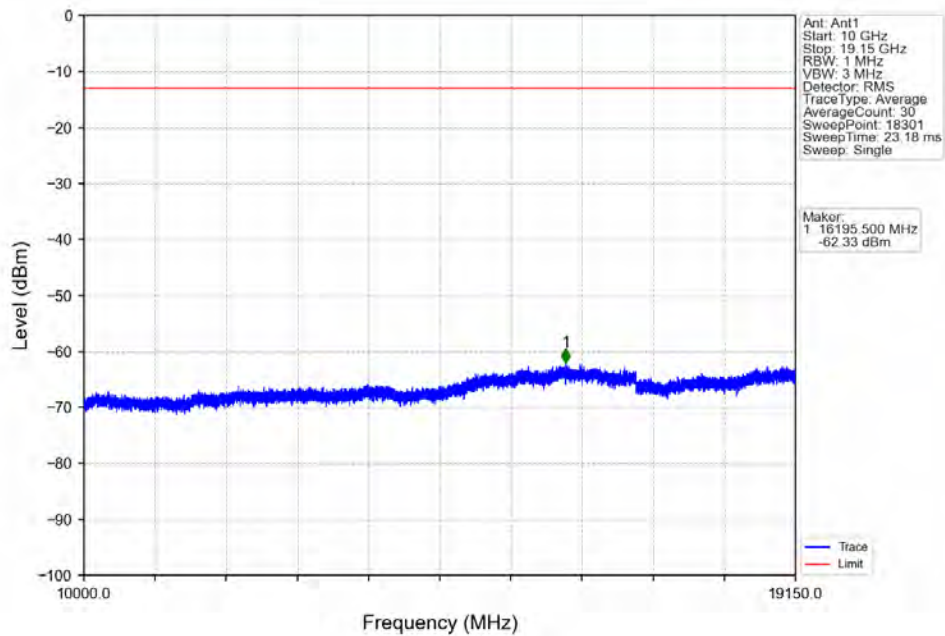
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



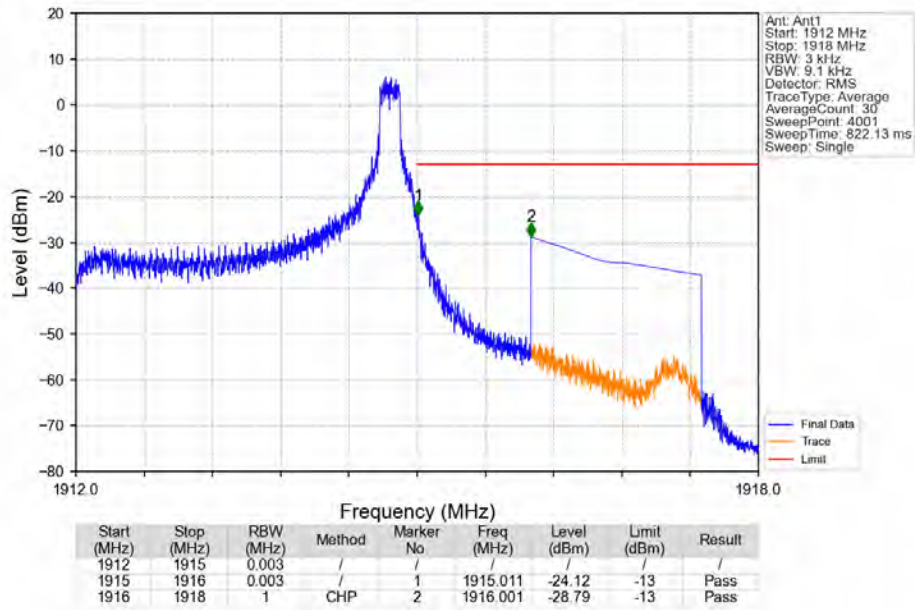
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTN



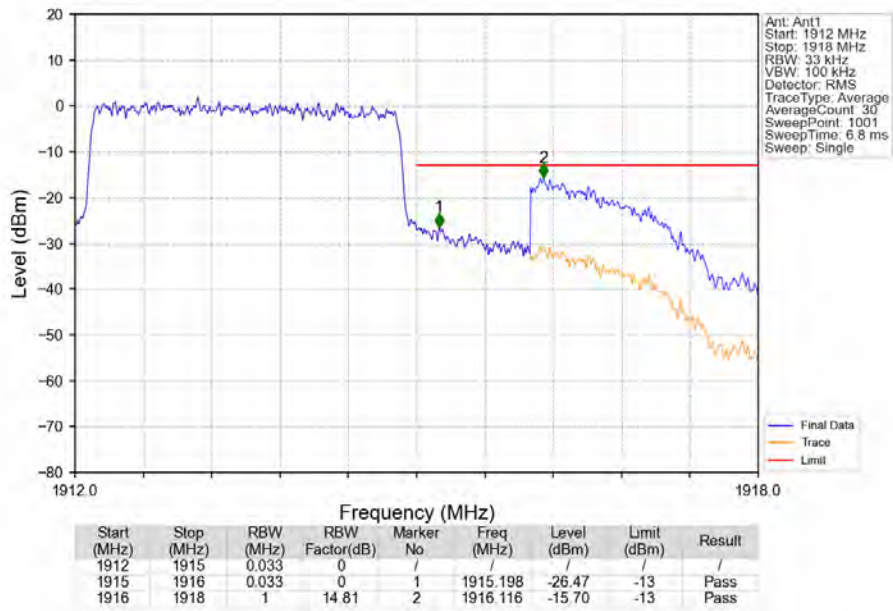
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTN



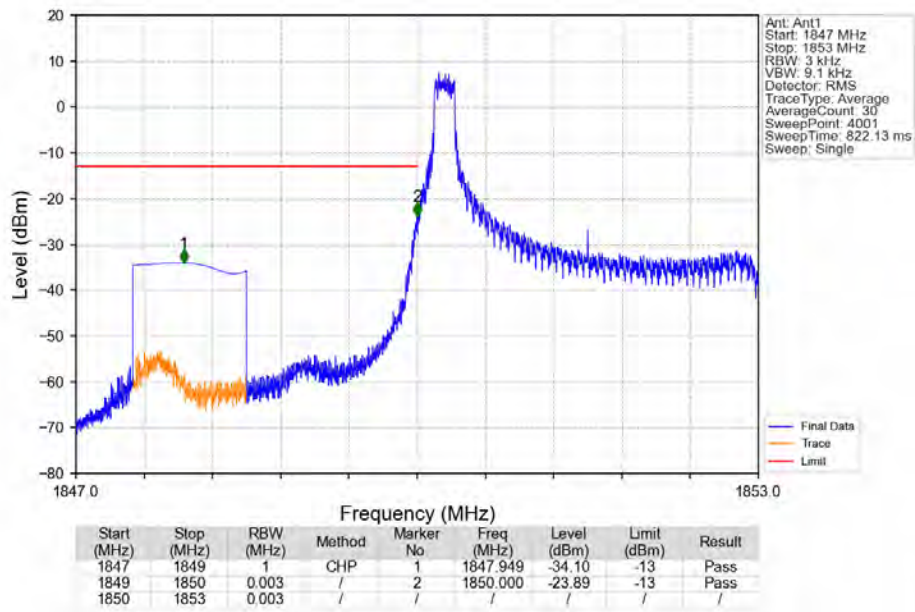
Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTV



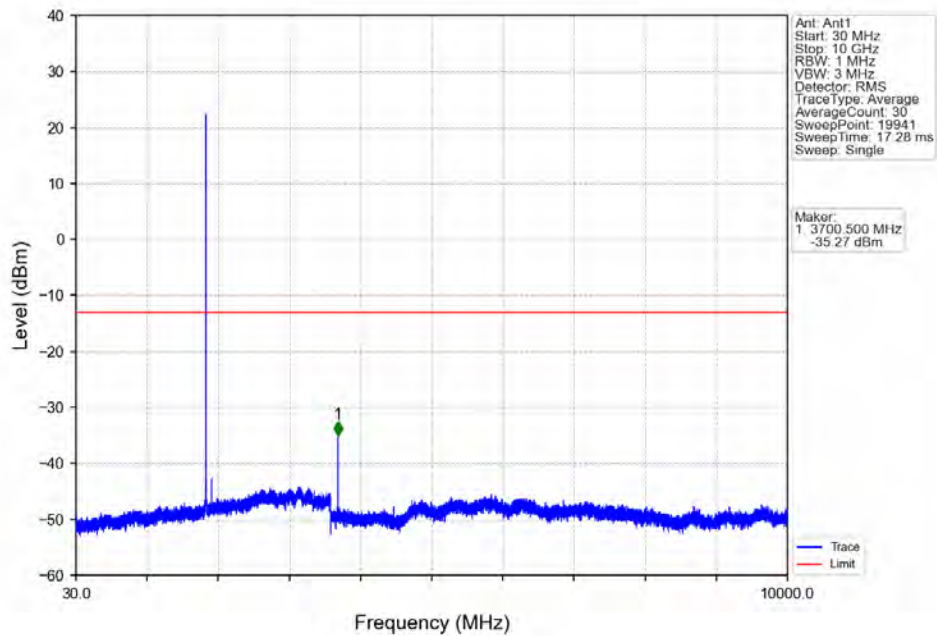
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTV



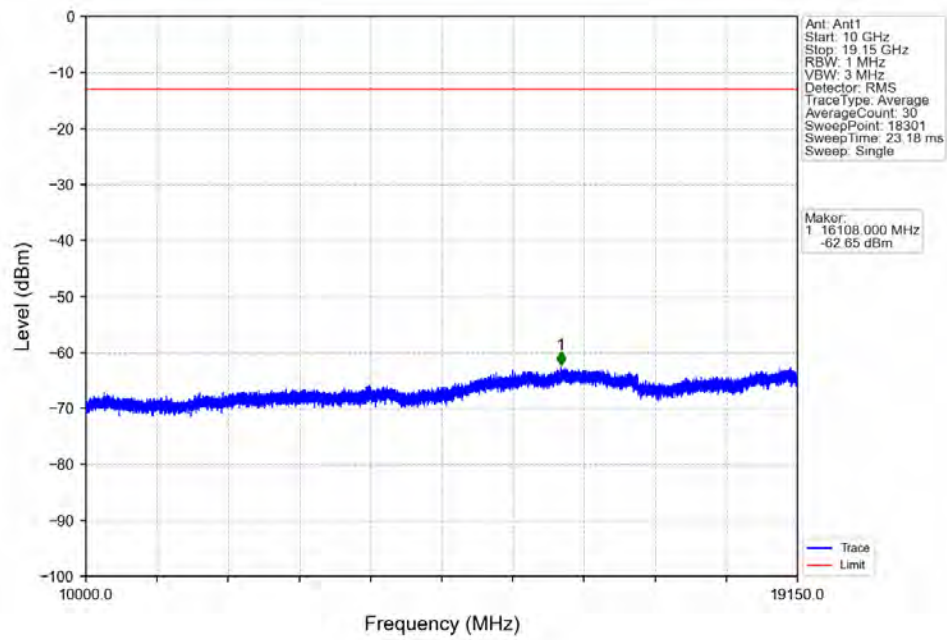
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV



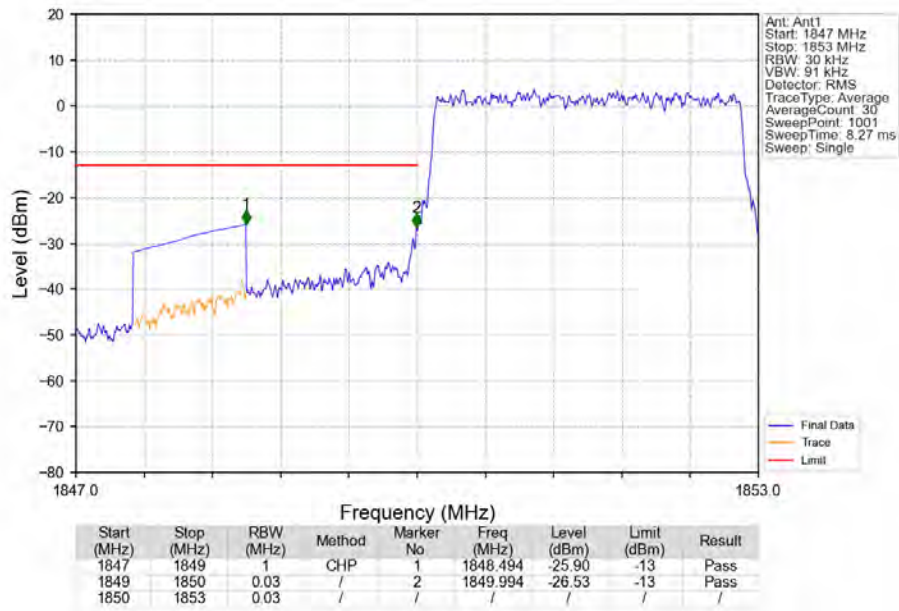
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV



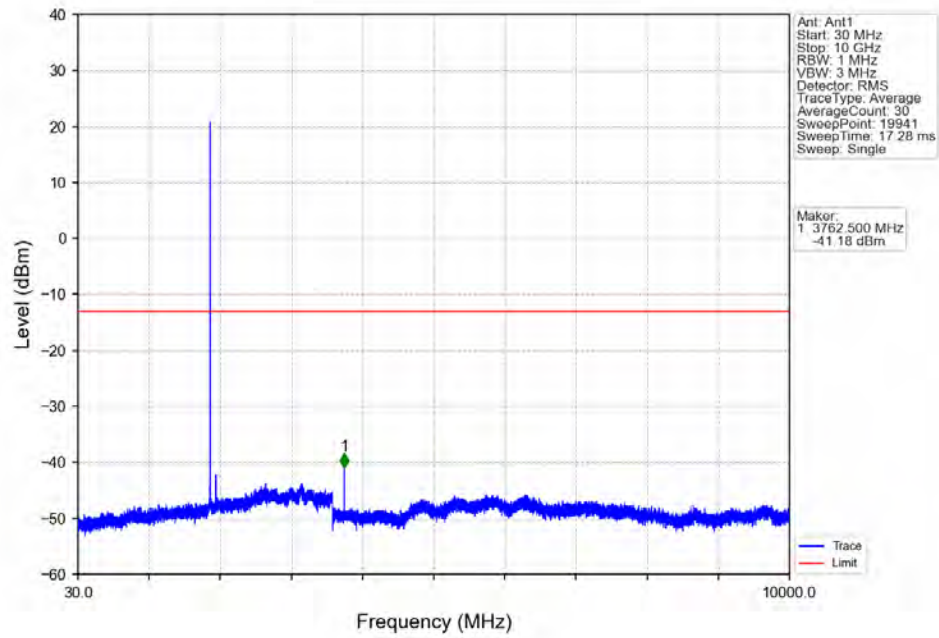
Band25 3MHz 16QAM LCH 1851.5MHz RB 1 0 NTV



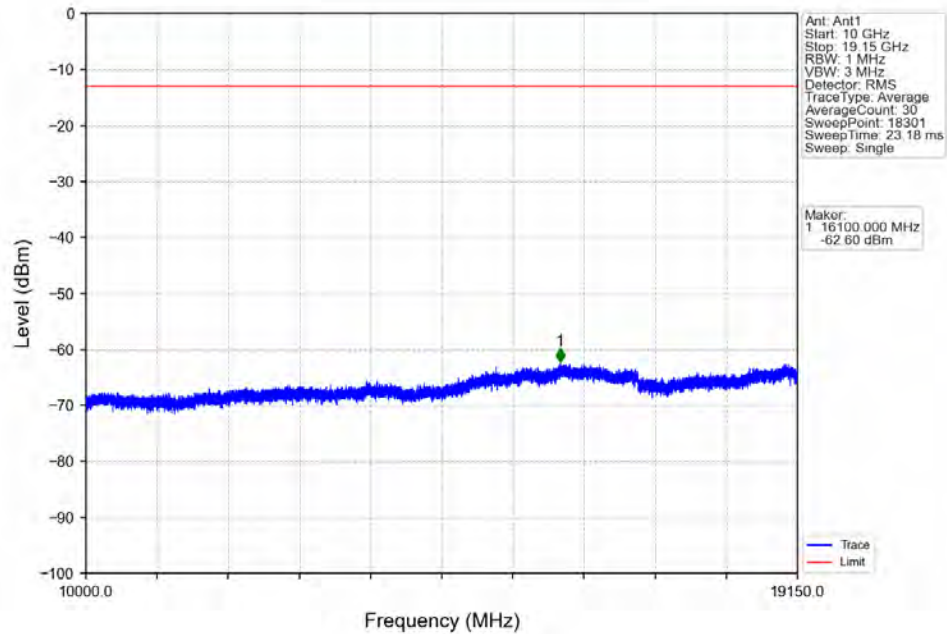
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



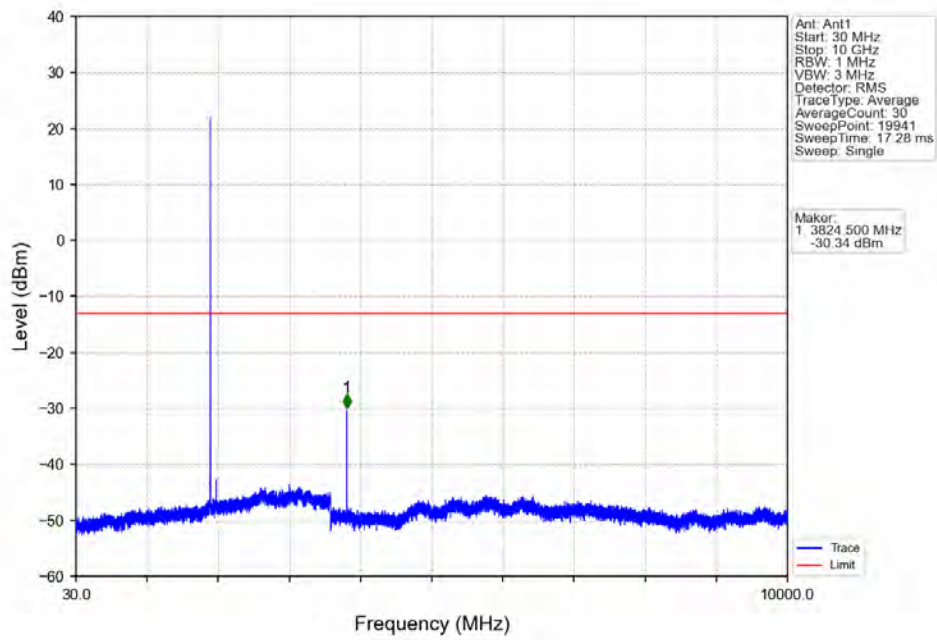
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



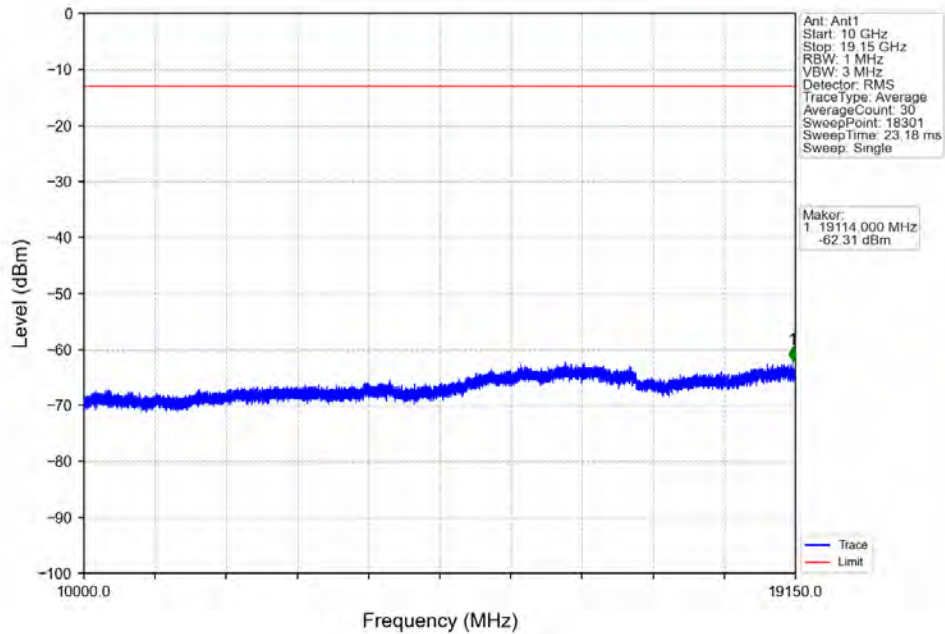
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



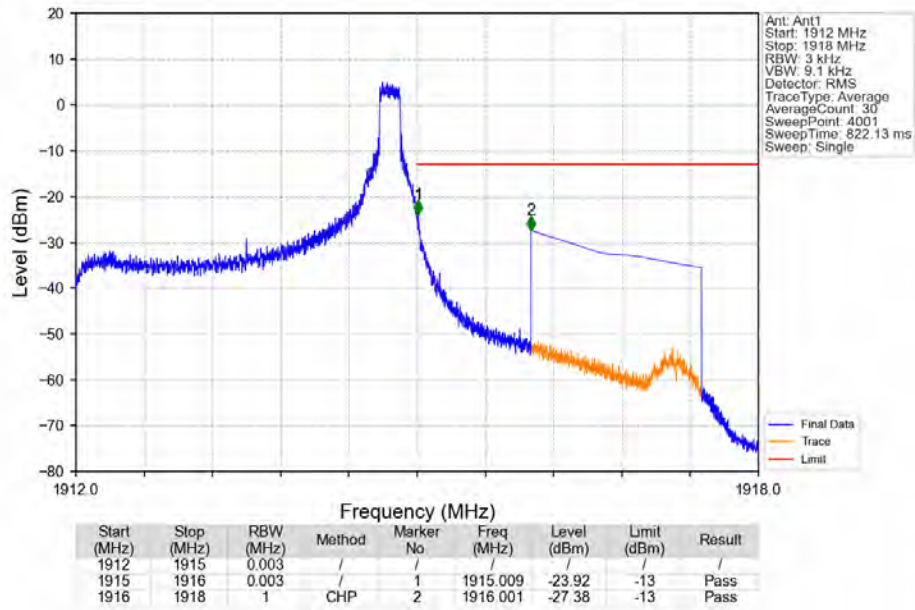
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



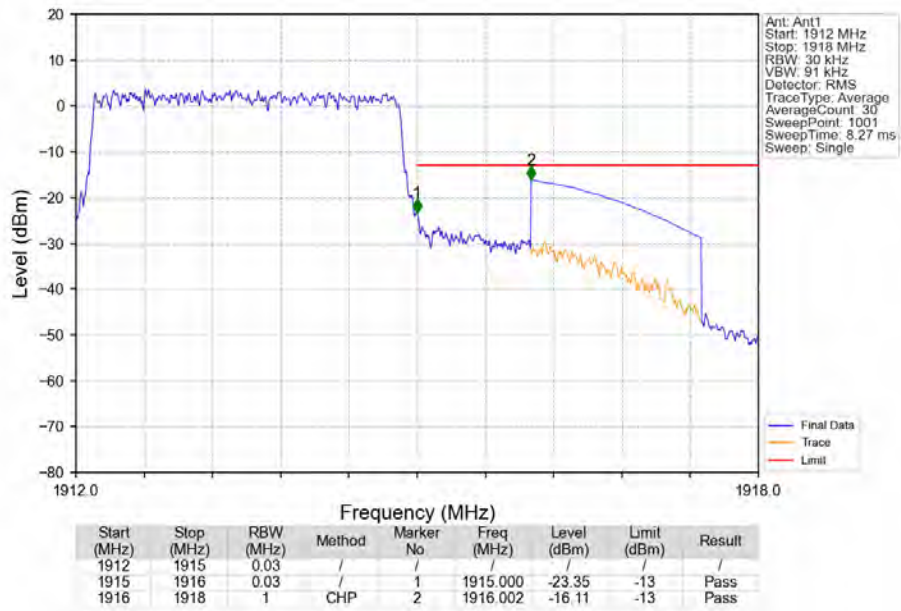
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



Band25 3MHz 16QAM HCH 1913.5MHz RB 1 14 NTN



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

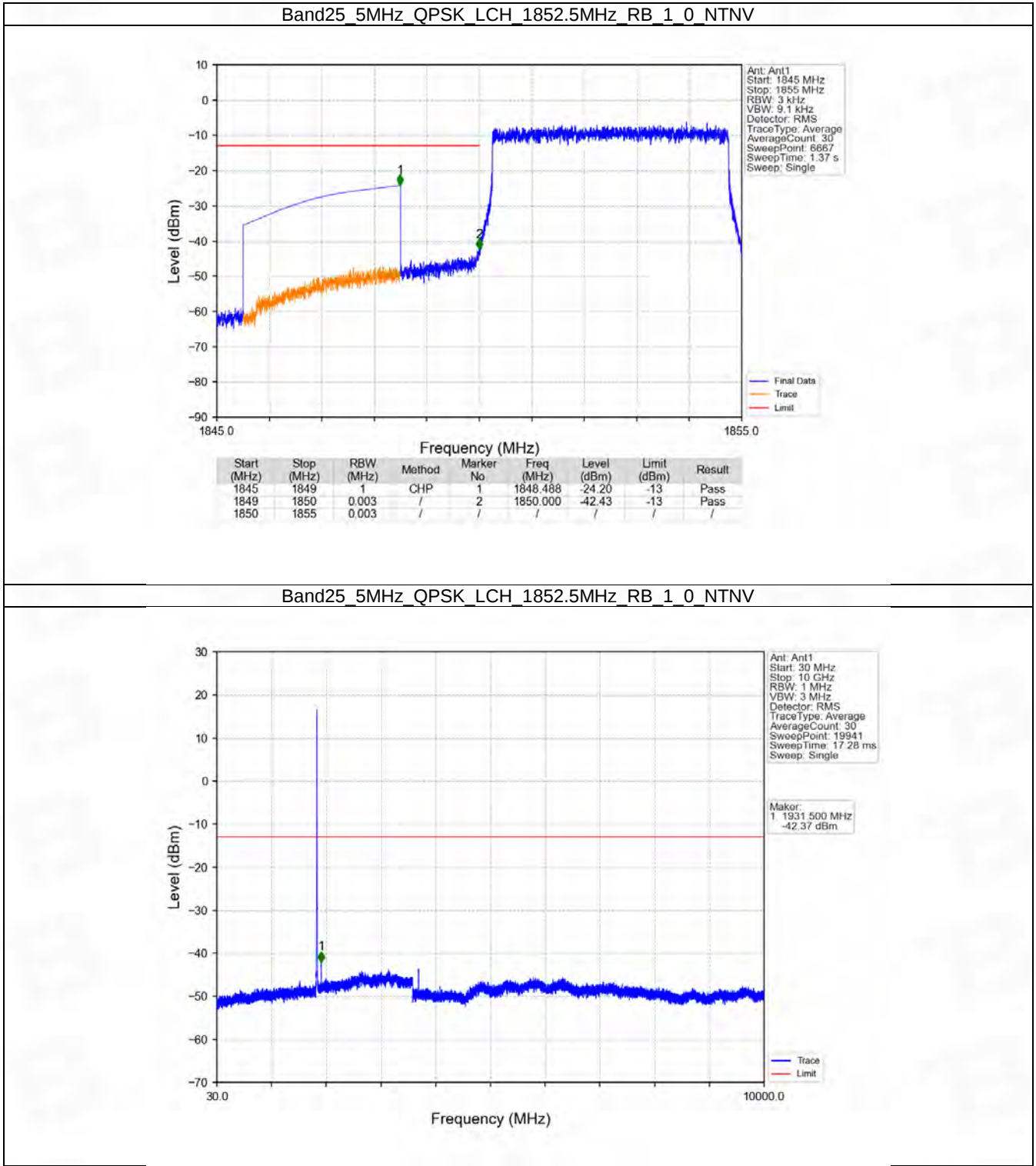


6.3 B25_5MHz

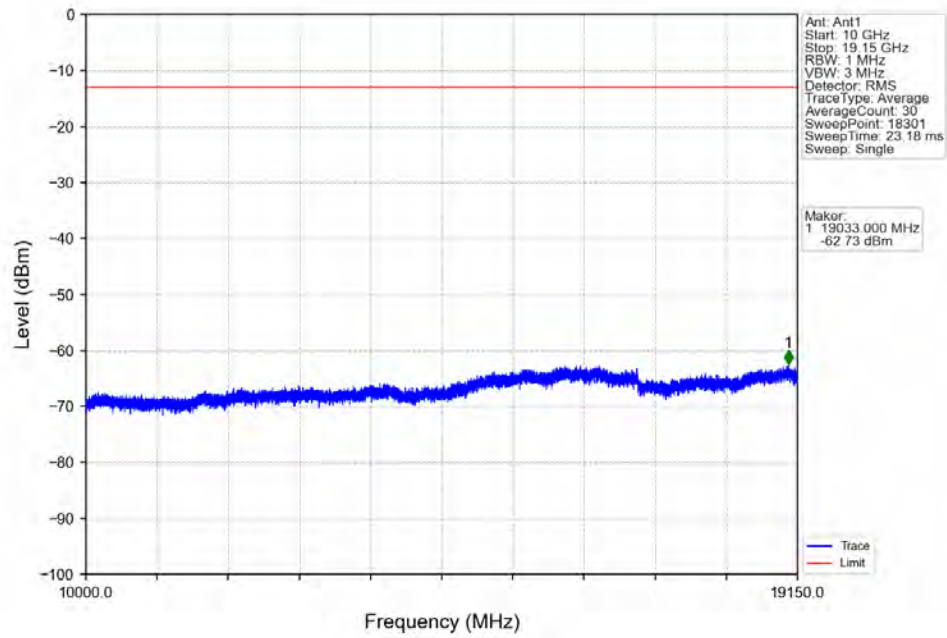
6.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

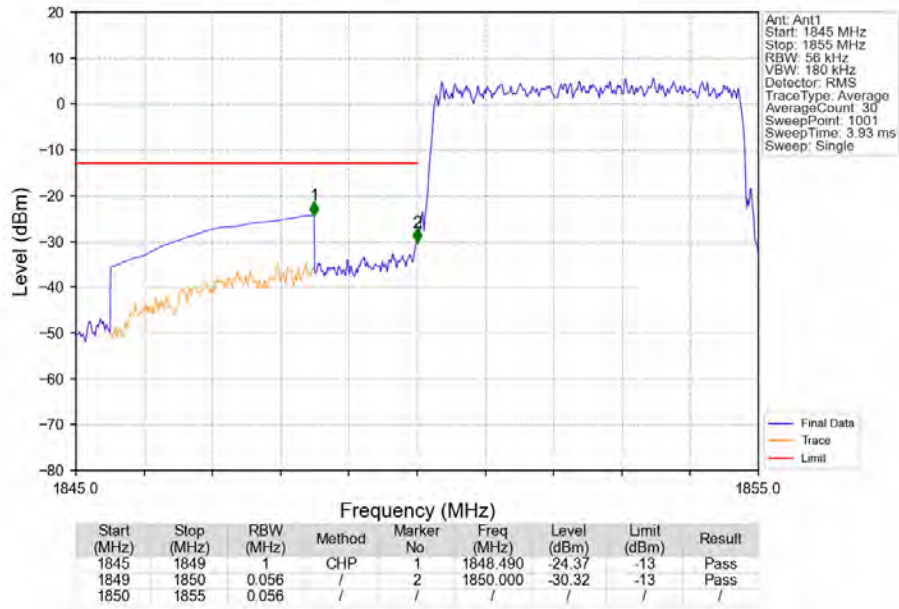
6.3.2 Test Graph



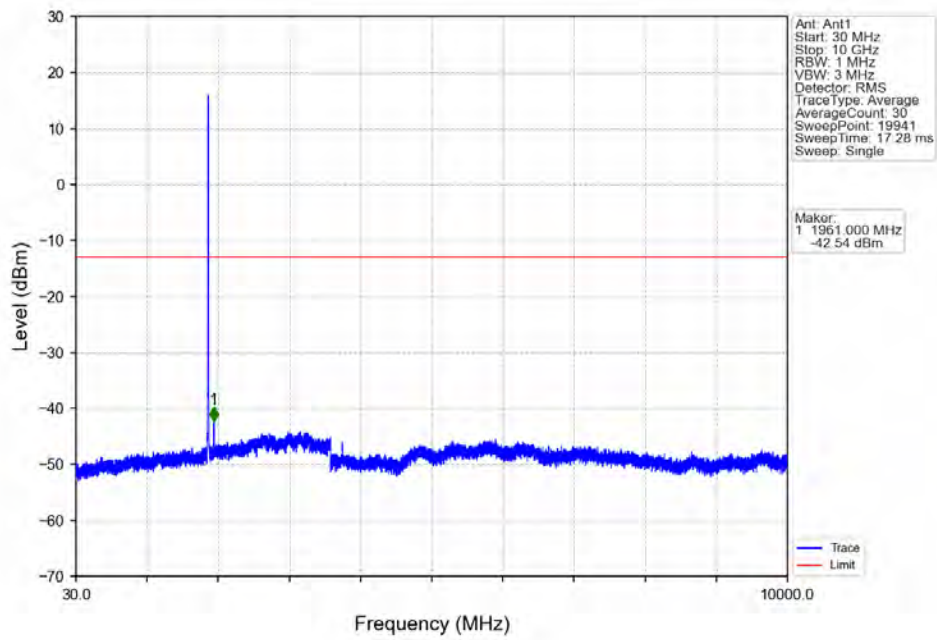
Band25 5MHz QPSK LCH 1852.5MHz RB 1 0 NTNV



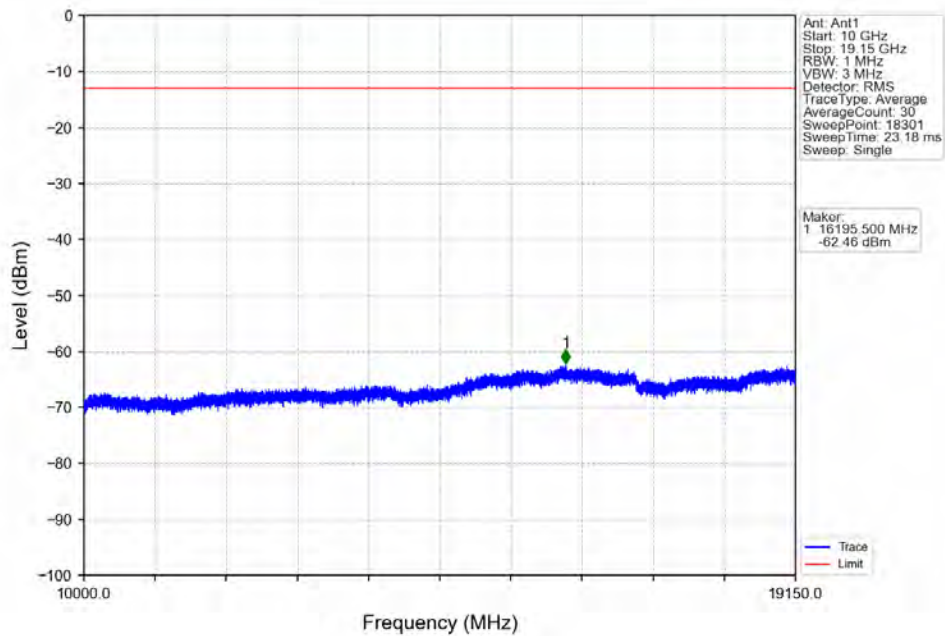
Band25 5MHz QPSK LCH 1852.5MHz RB 25 0 NTNV



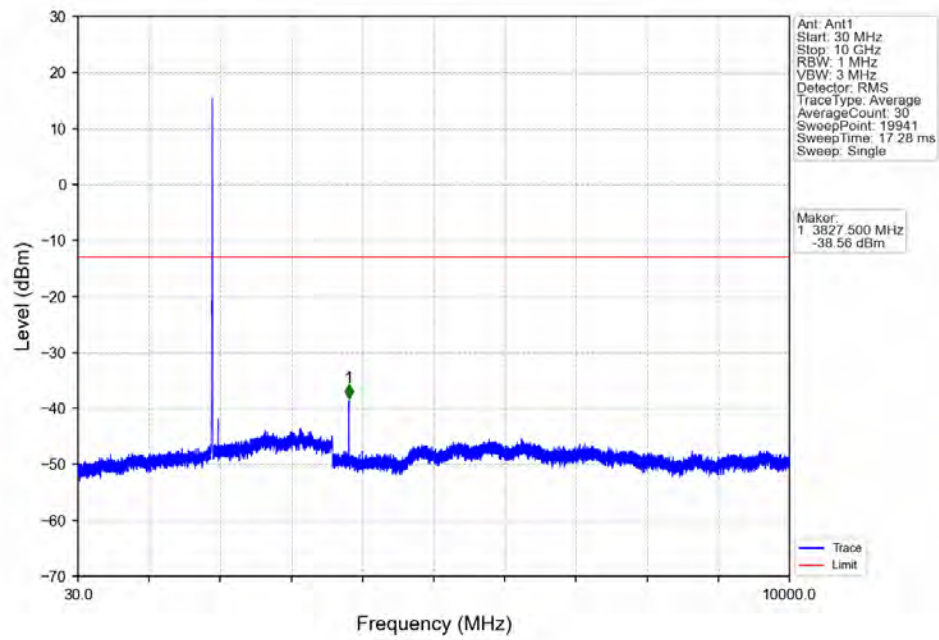
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



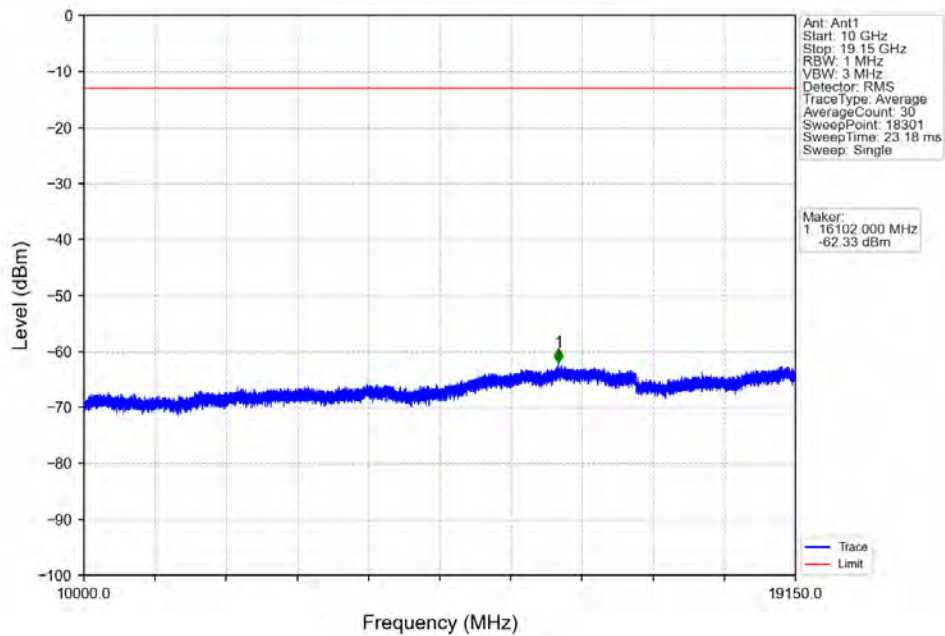
Band25 5MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



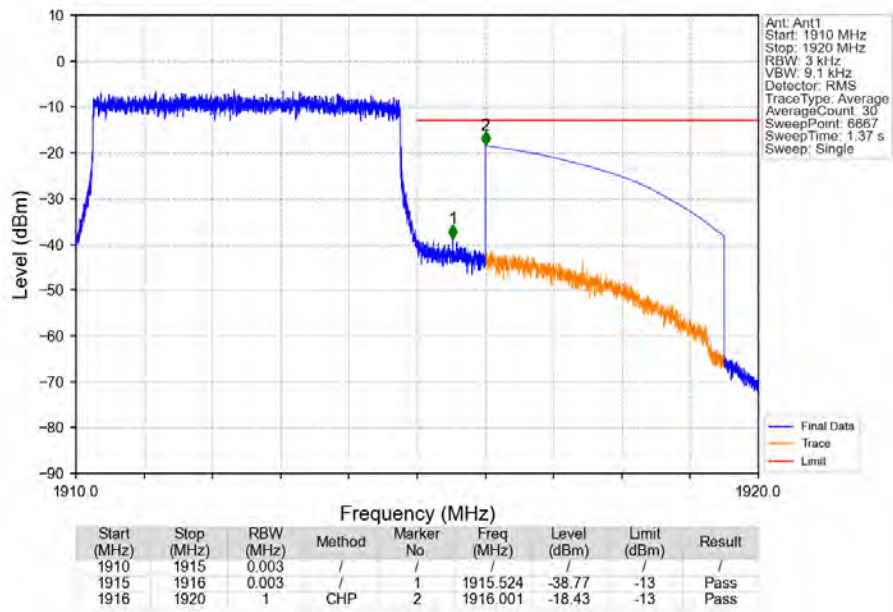
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTN



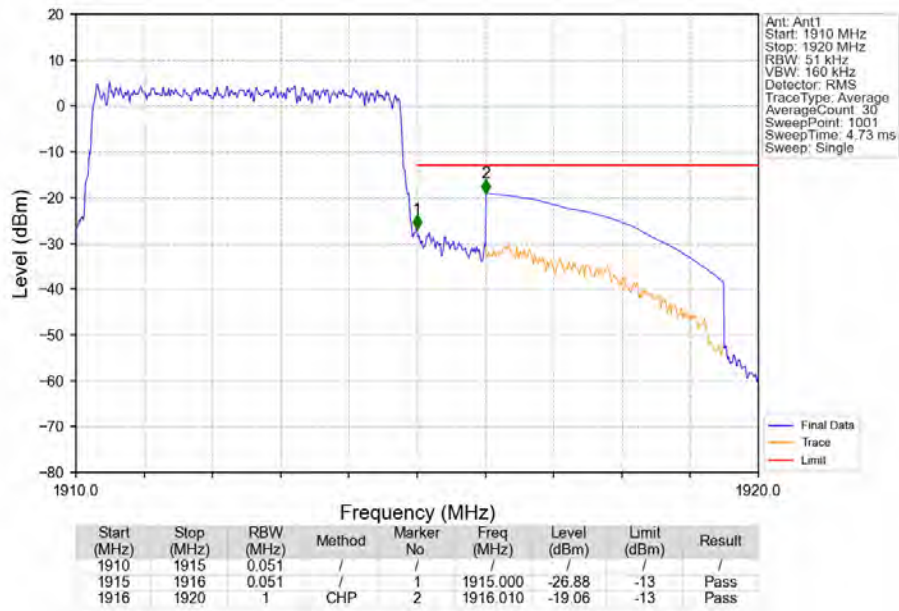
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTN



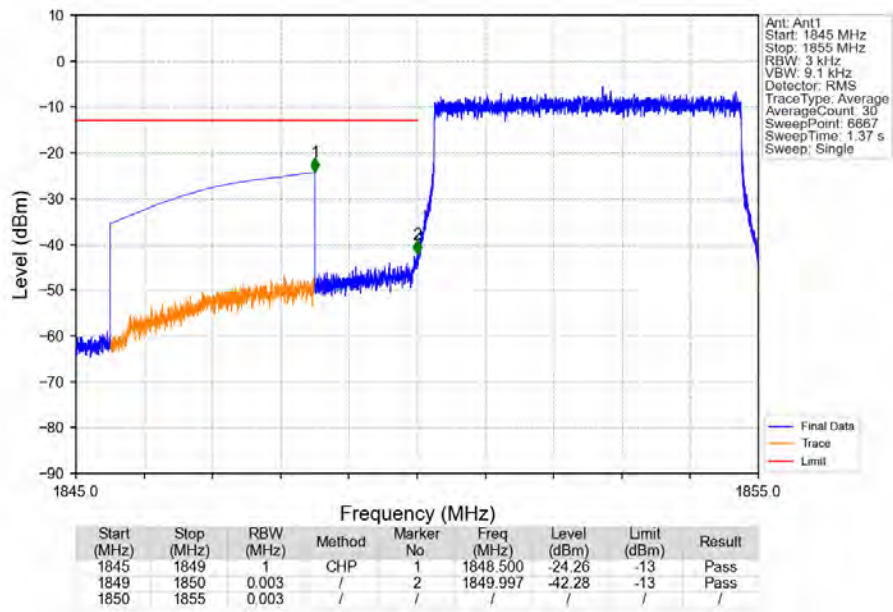
Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTV



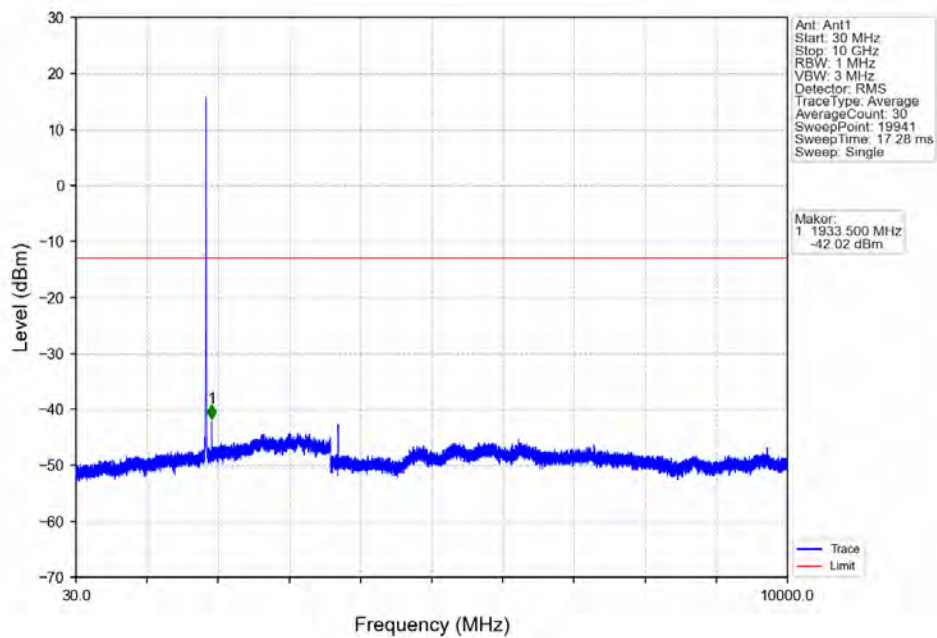
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTV



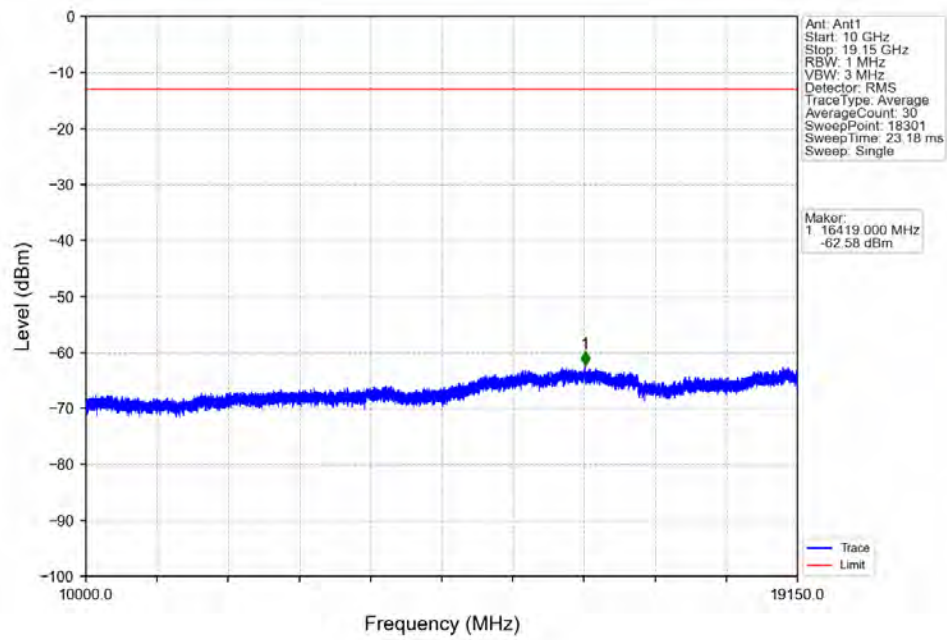
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



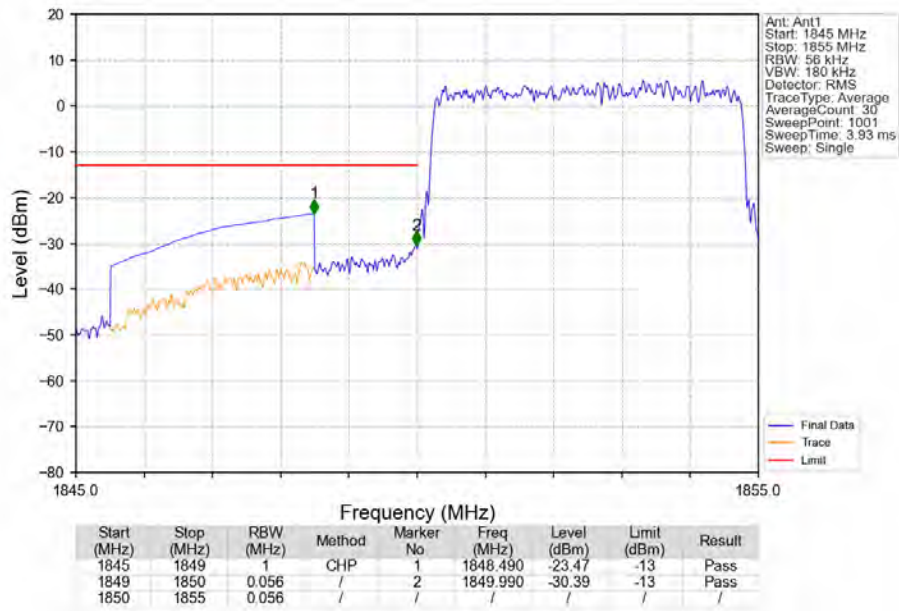
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



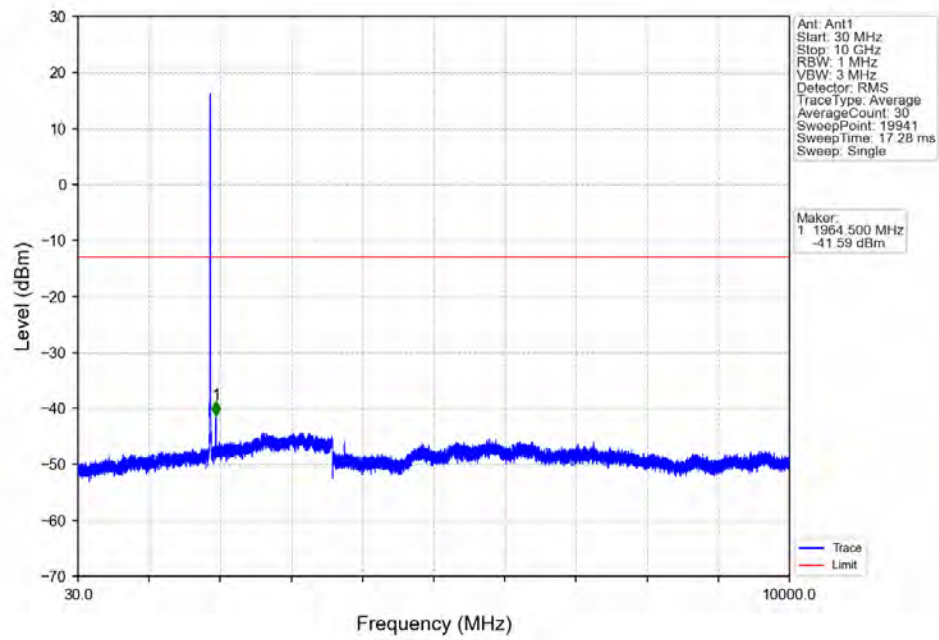
Band25 5MHz 16QAM LCH 1852.5MHz RB 1 0 NTV



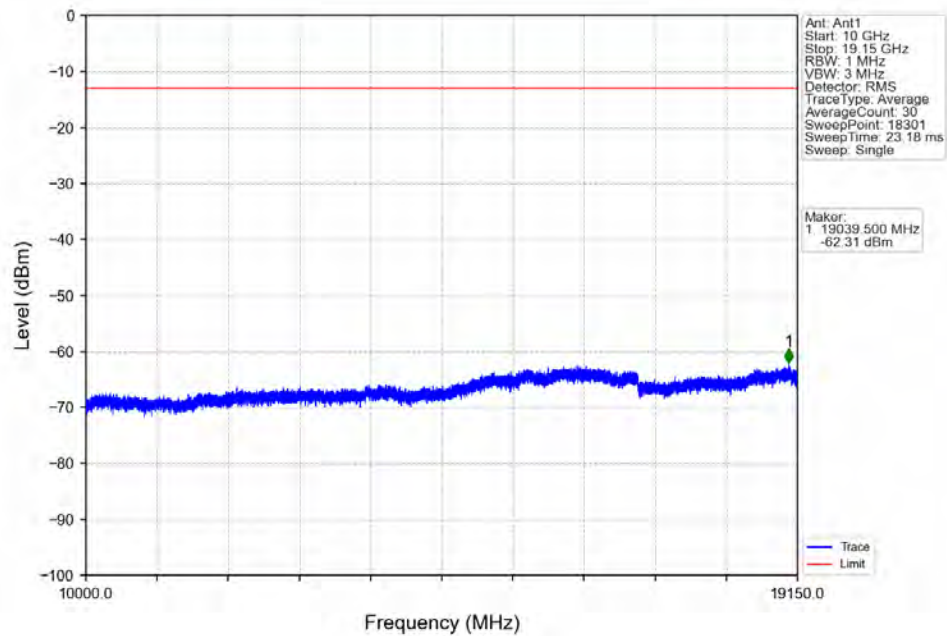
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTV



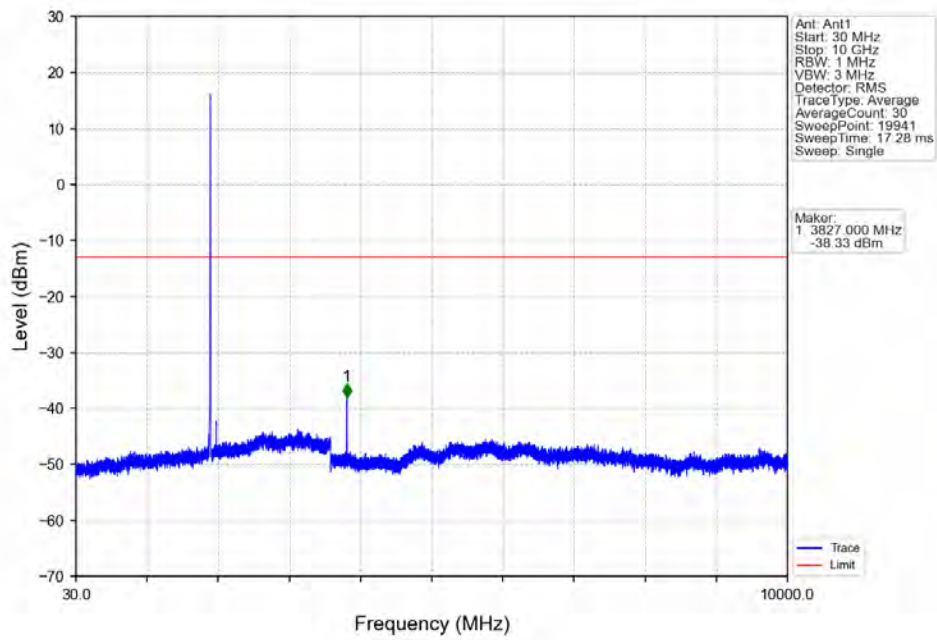
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



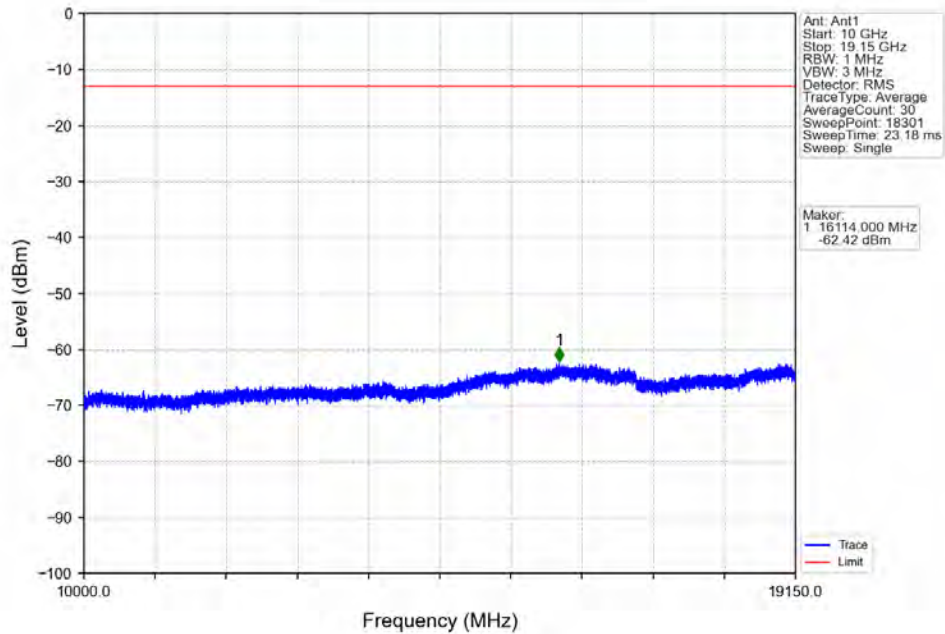
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



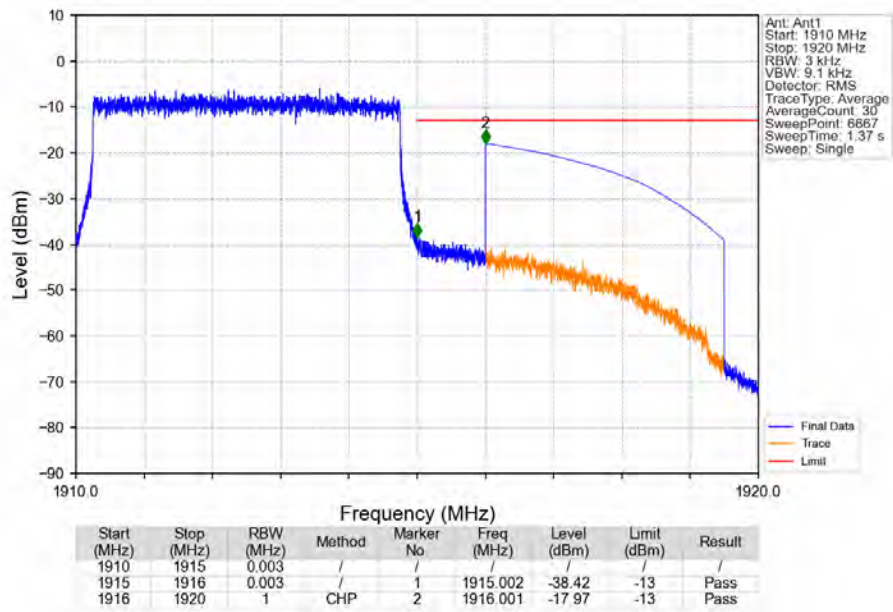
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTVN



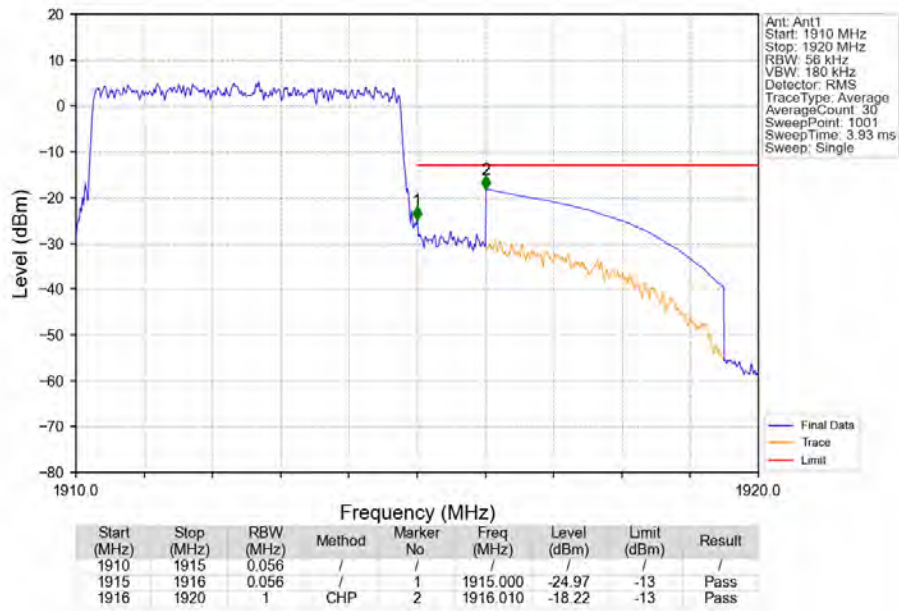
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTVN



Band25 5MHz 16QAM HCH 1912.5MHz RB 1 24 NTN



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

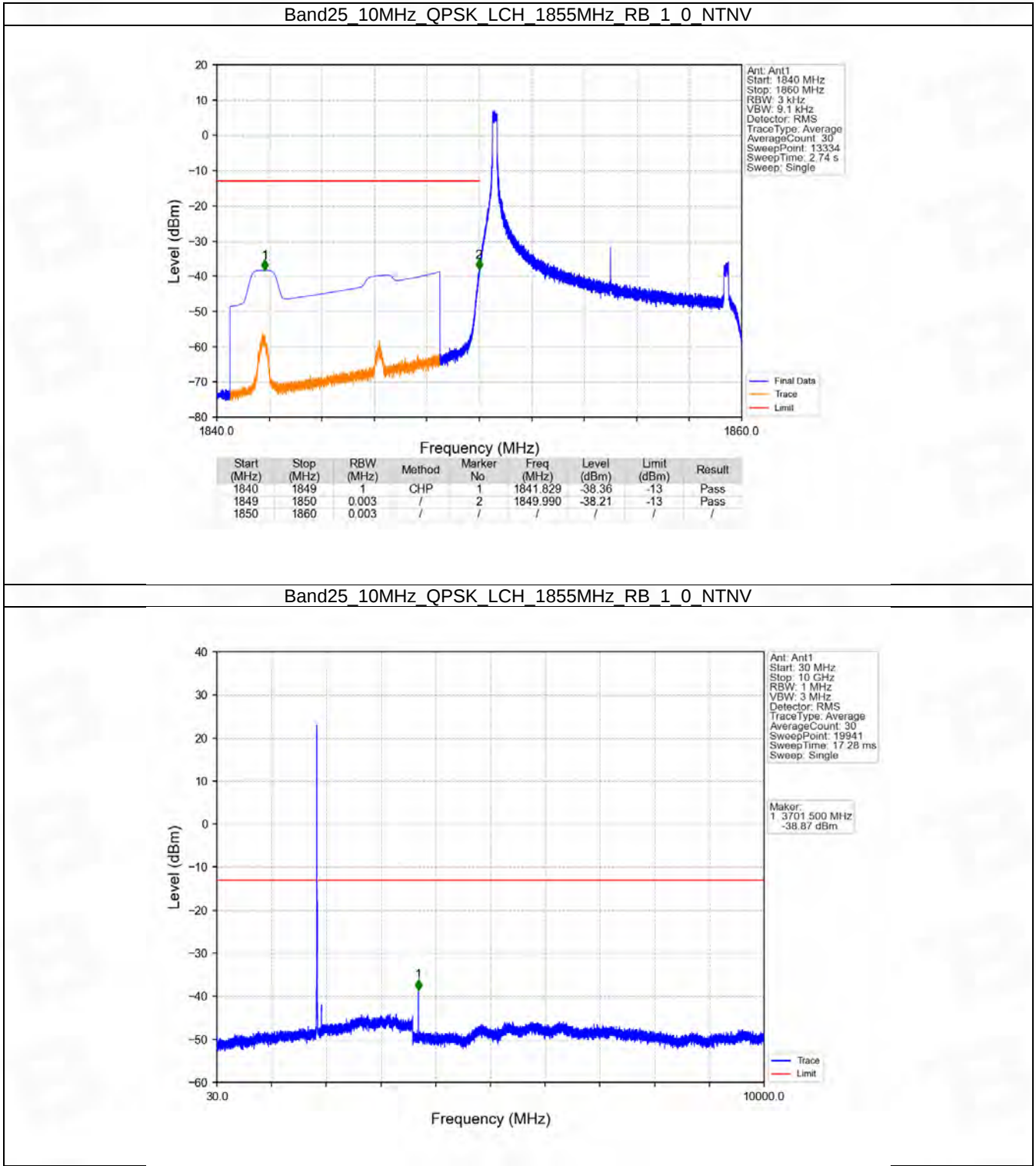


6.4 B25_10MHz

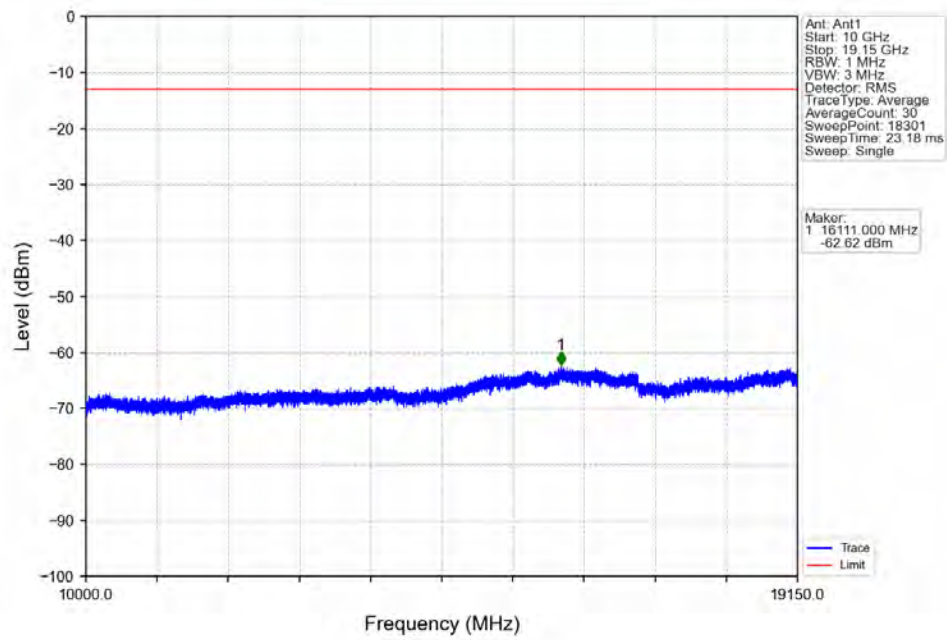
6.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

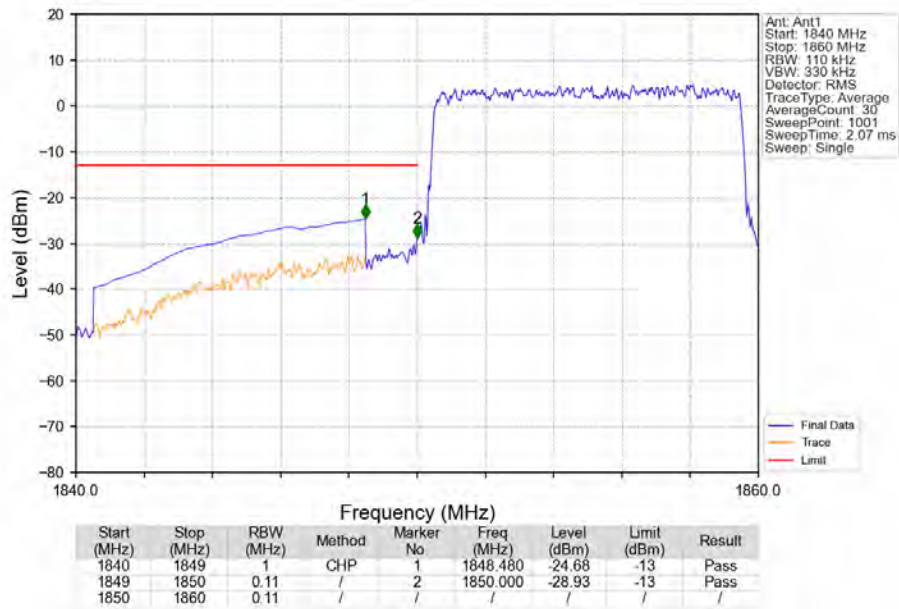
6.4.2 Test Graph



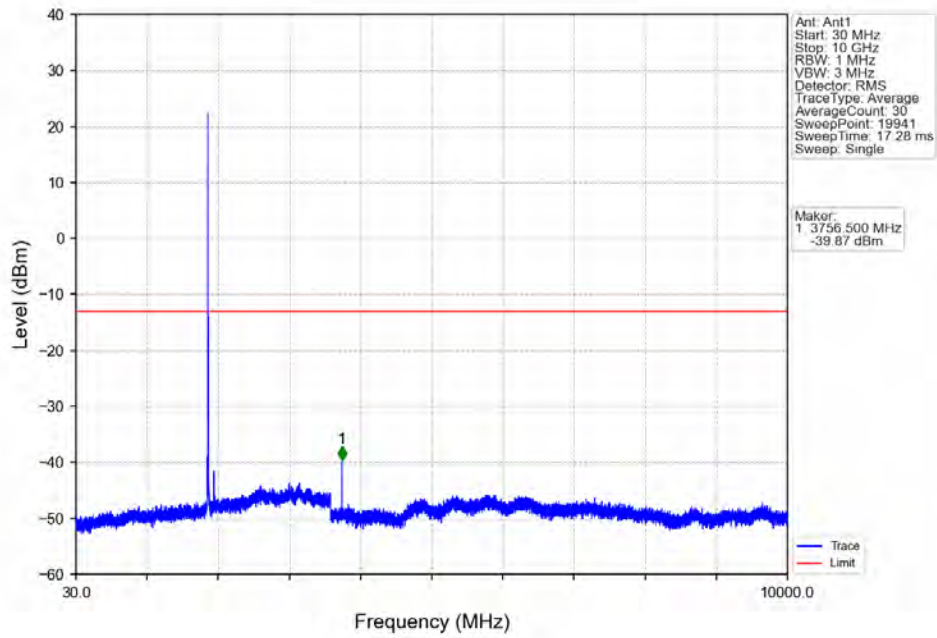
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTNV



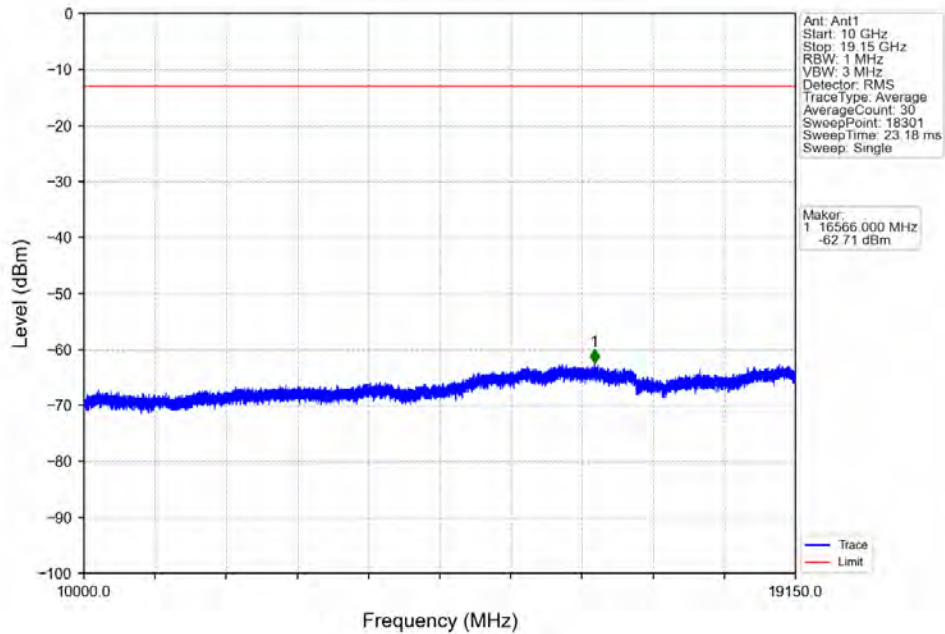
Band25 10MHz QPSK LCH 1855MHz RB 50 0 NTNV



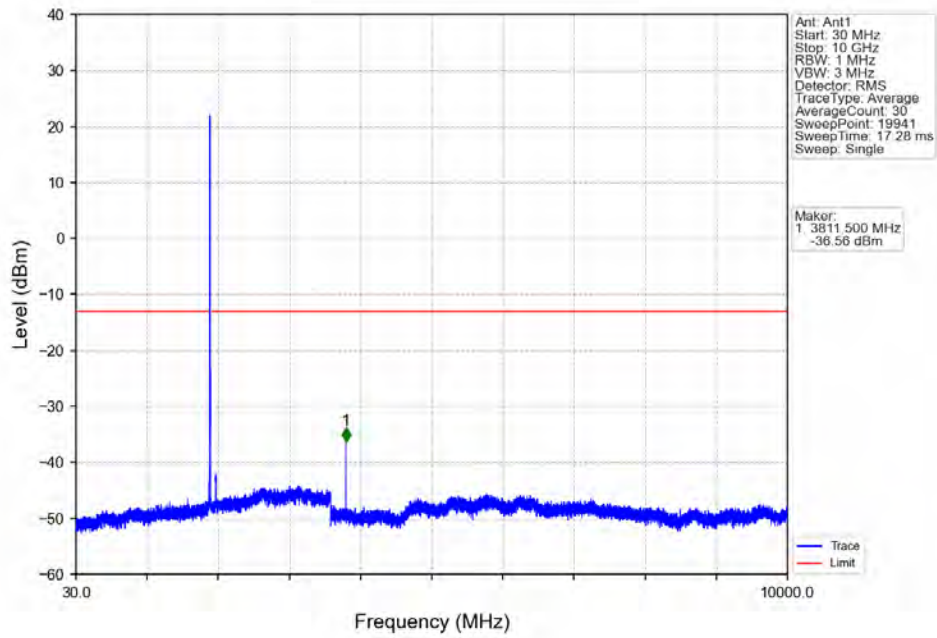
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



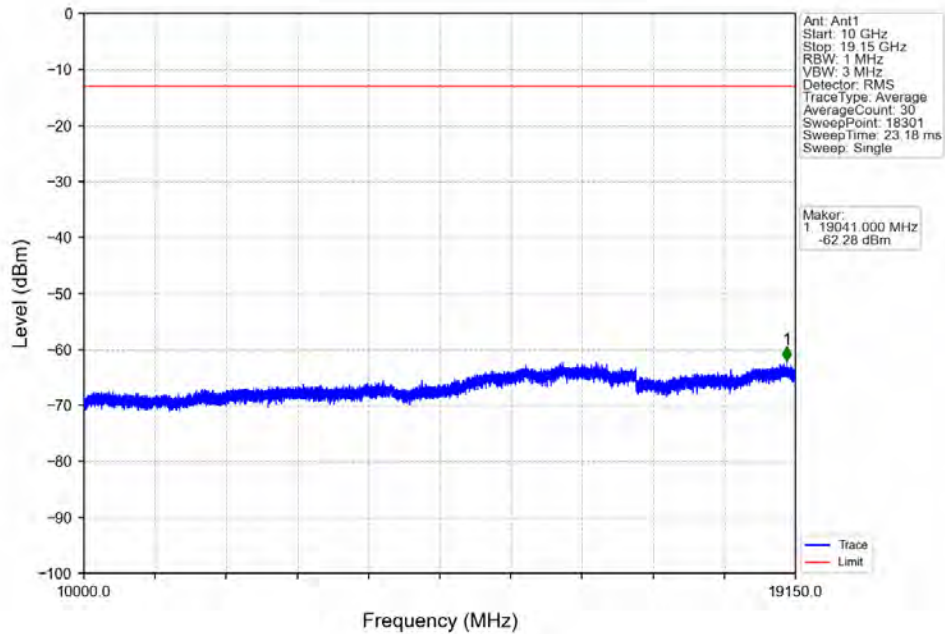
Band25 10MHz QPSK MCH 1882.5MHz RB 1 0 NTV



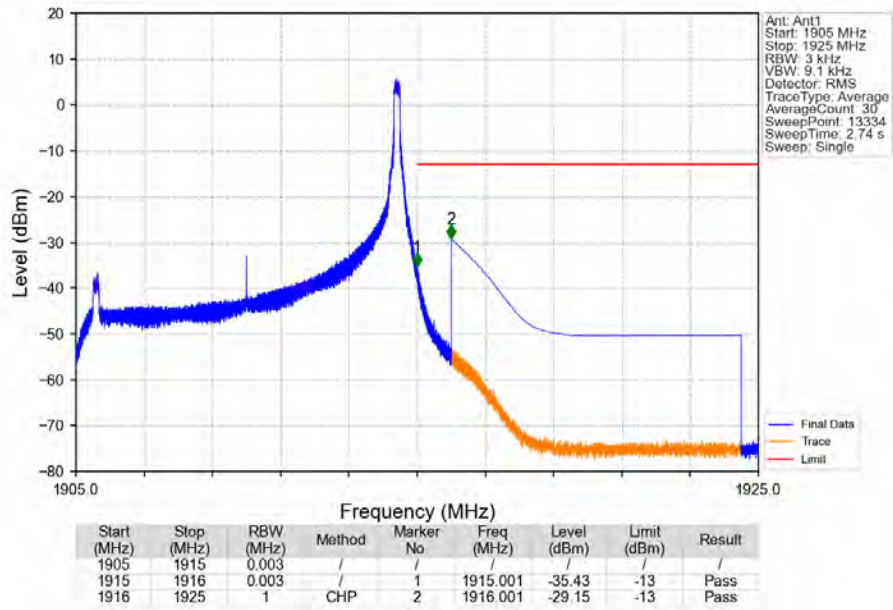
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



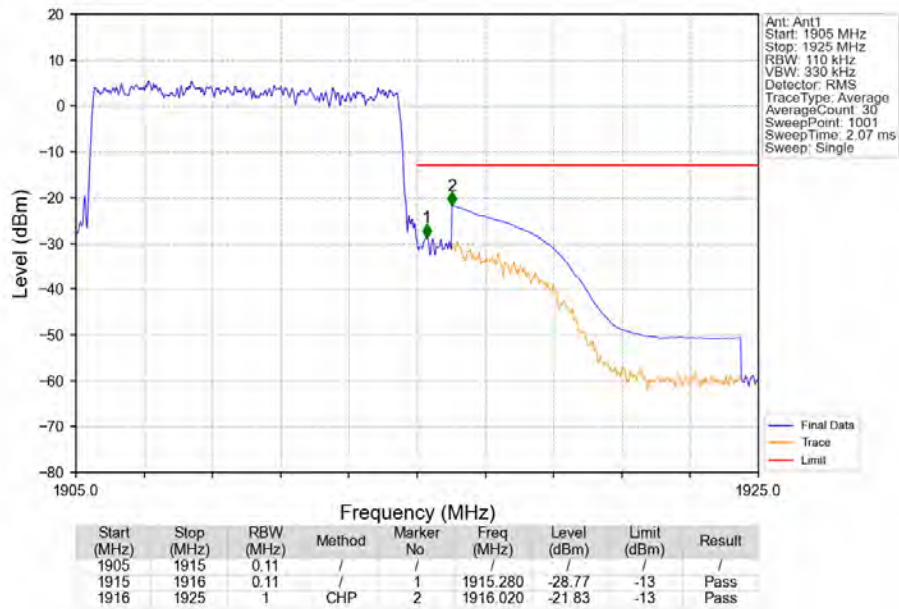
Band25 10MHz QPSK HCH 1910MHz RB 1 0 NTNV



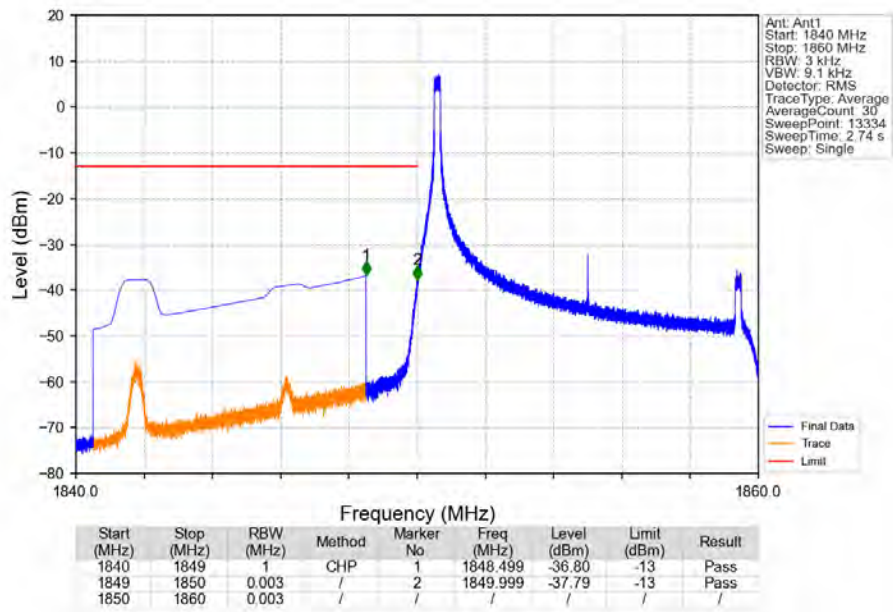
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_49_NTNV



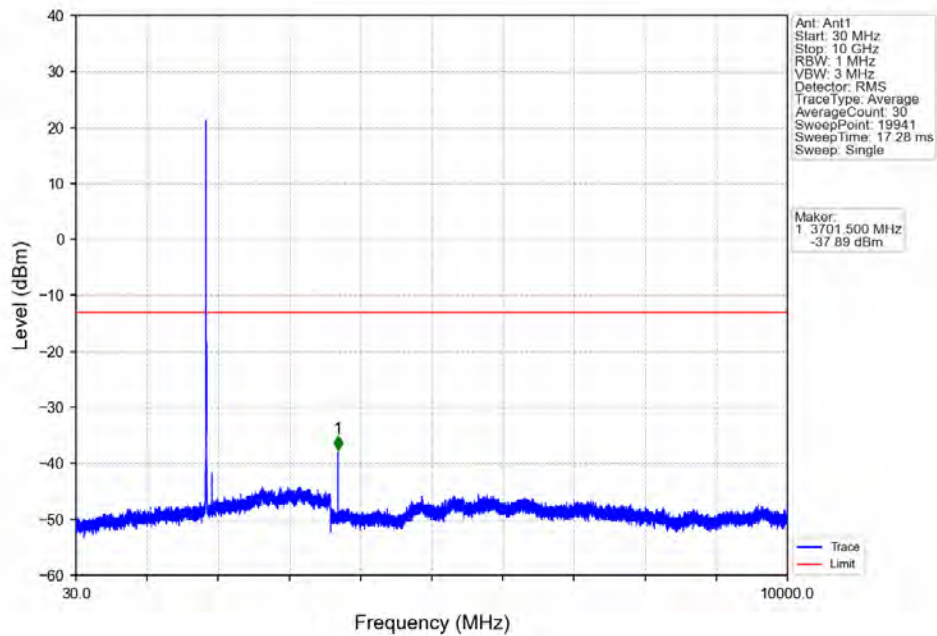
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



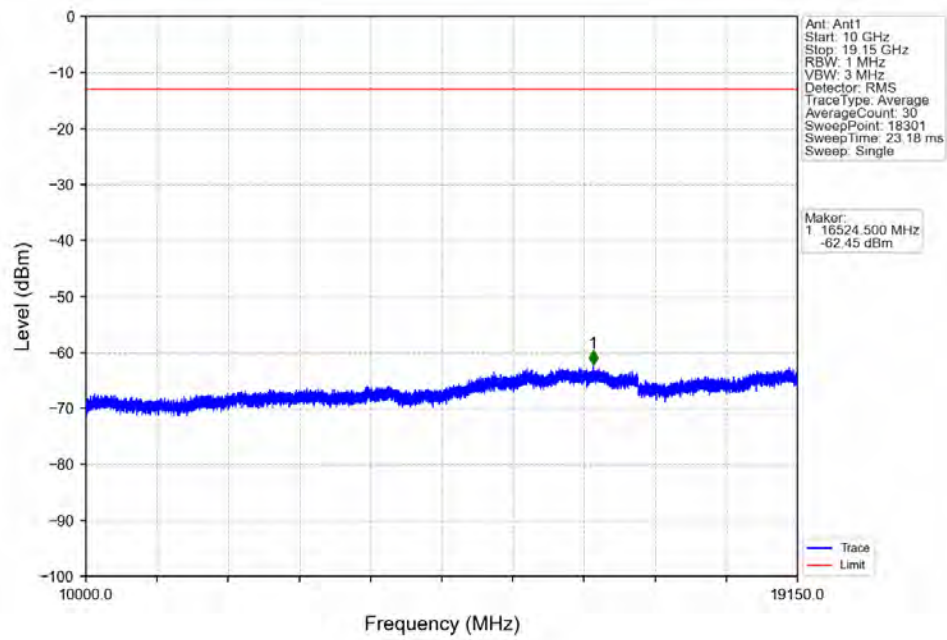
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



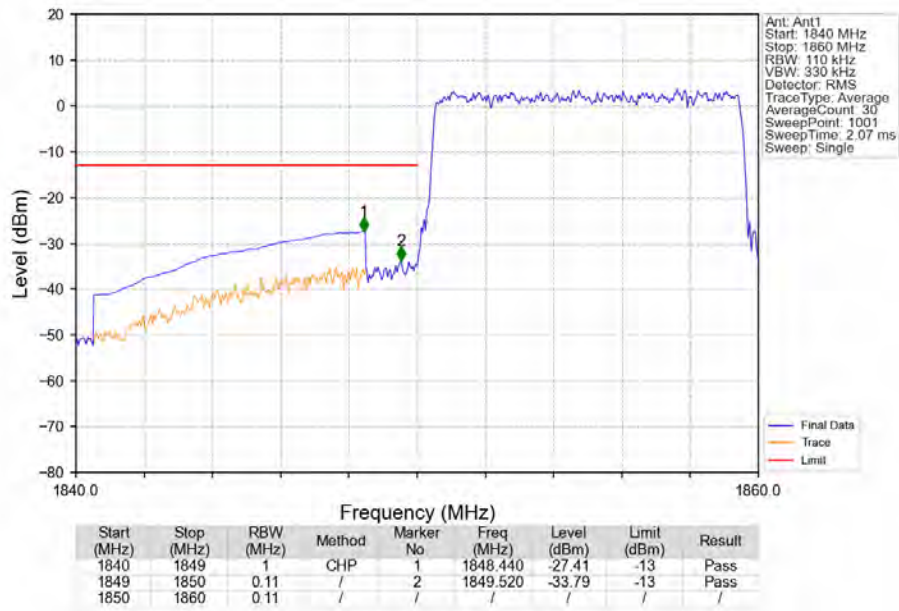
Band25_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



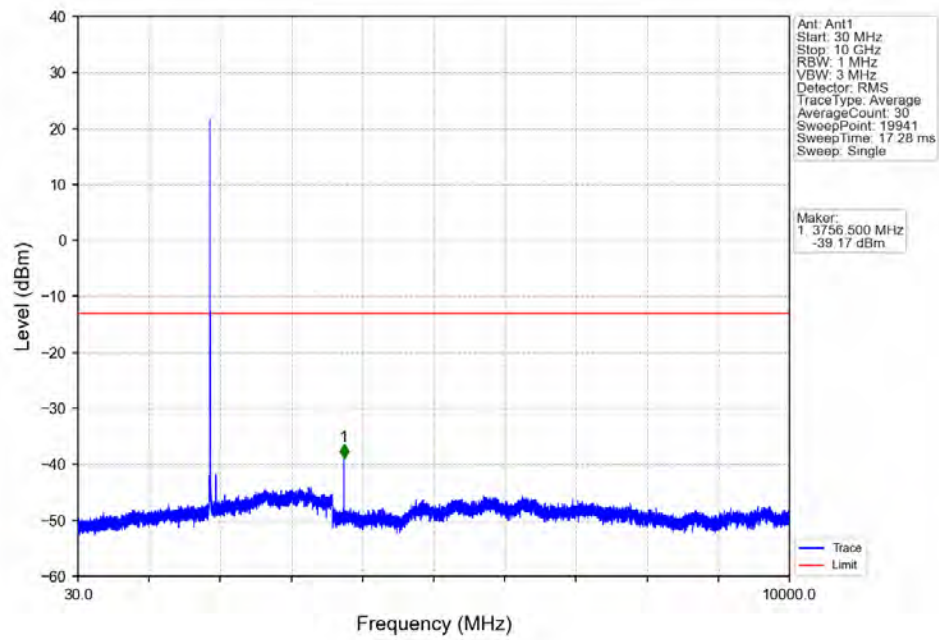
Band25 10MHz 16QAM LCH 1855MHz RB 1 0 NTV



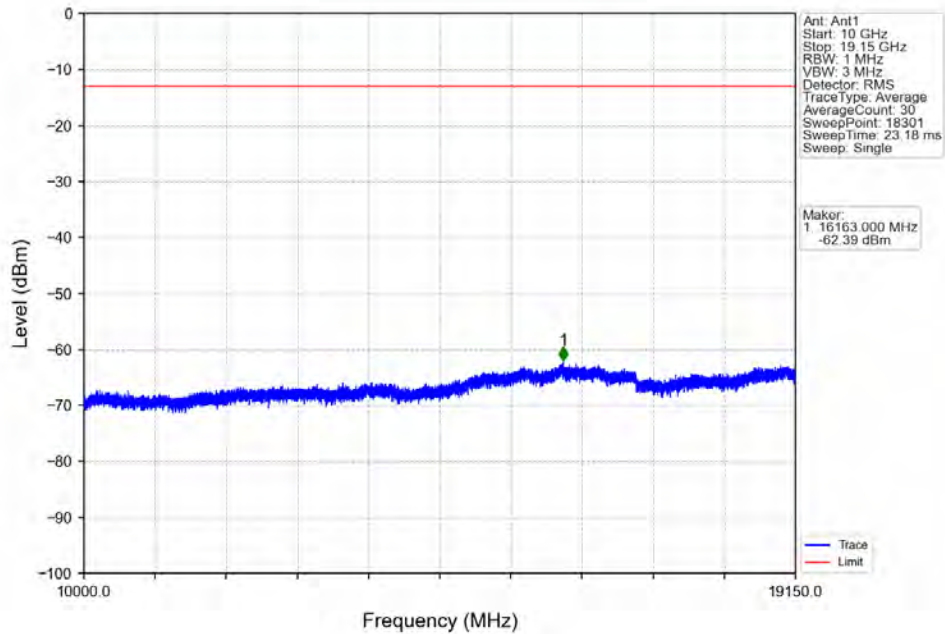
Band25 10MHz 16QAM LCH 1855MHz RB 50 0 NTV



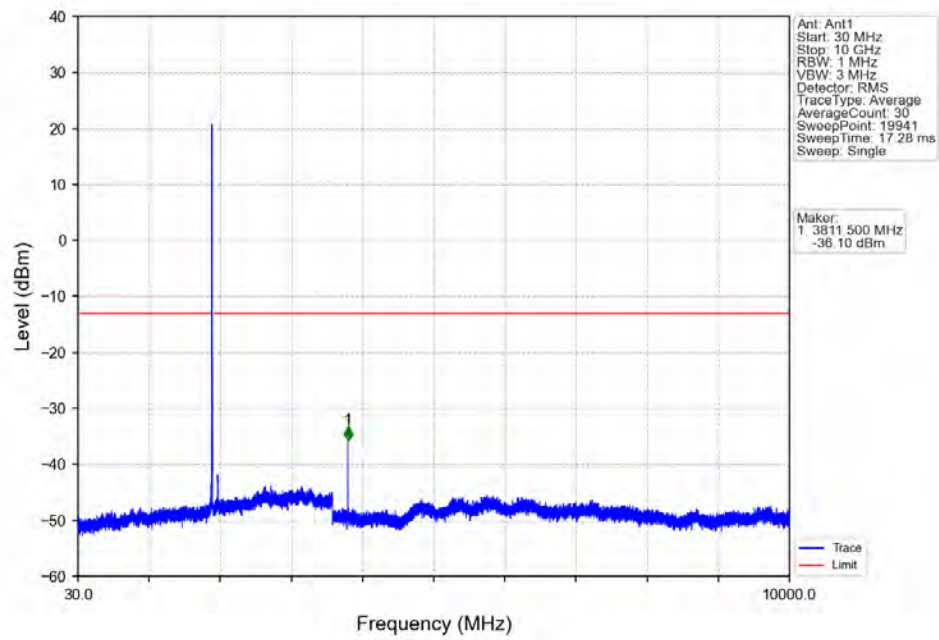
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



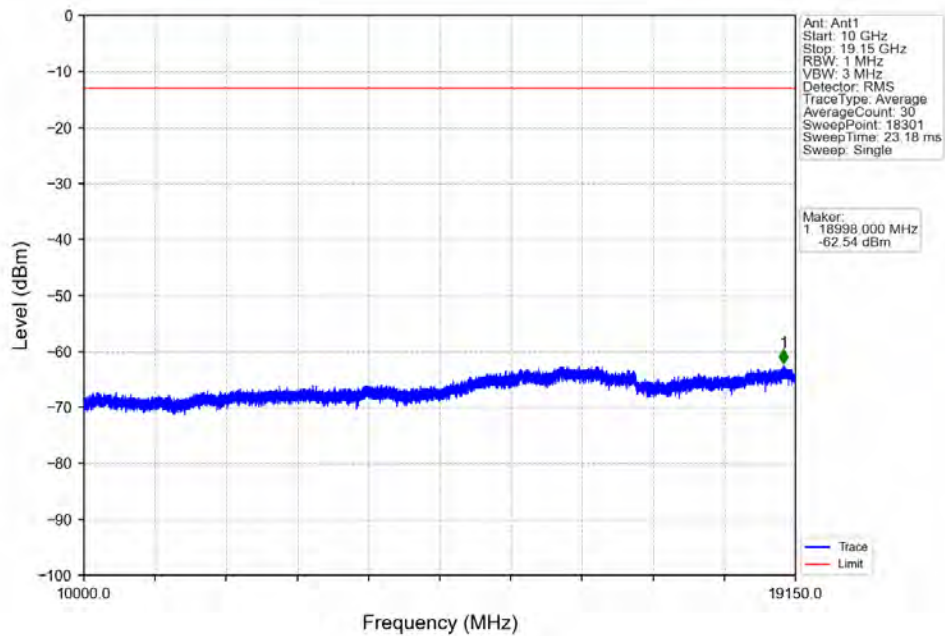
Band25 10MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



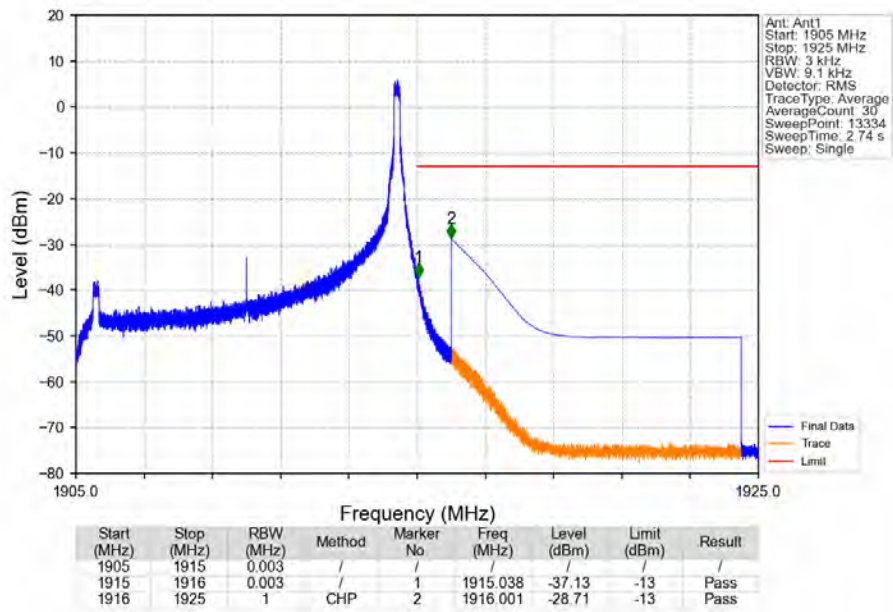
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



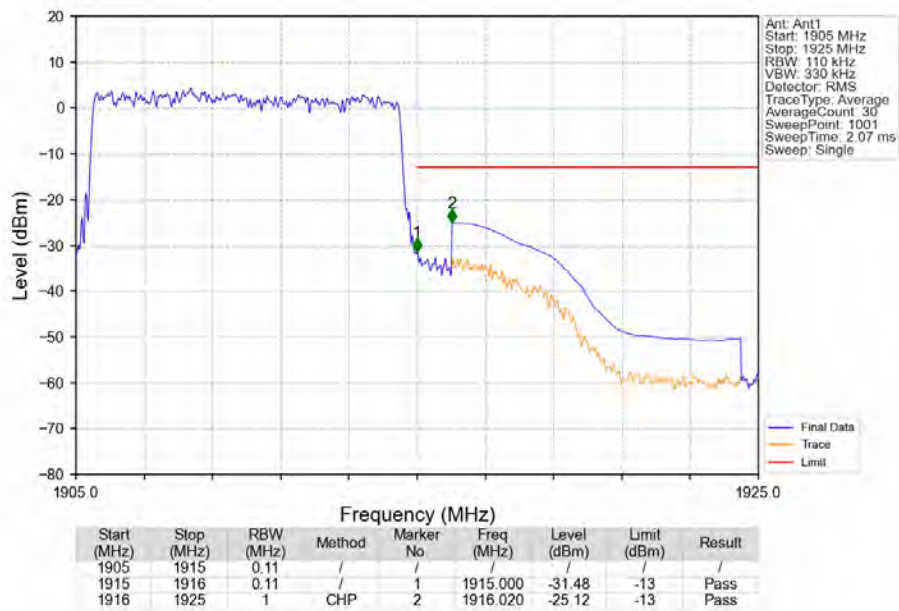
Band25_10MHz_16QAM_HCH_1910MHz_RB_1_0_NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 1 49 NTNV



Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV

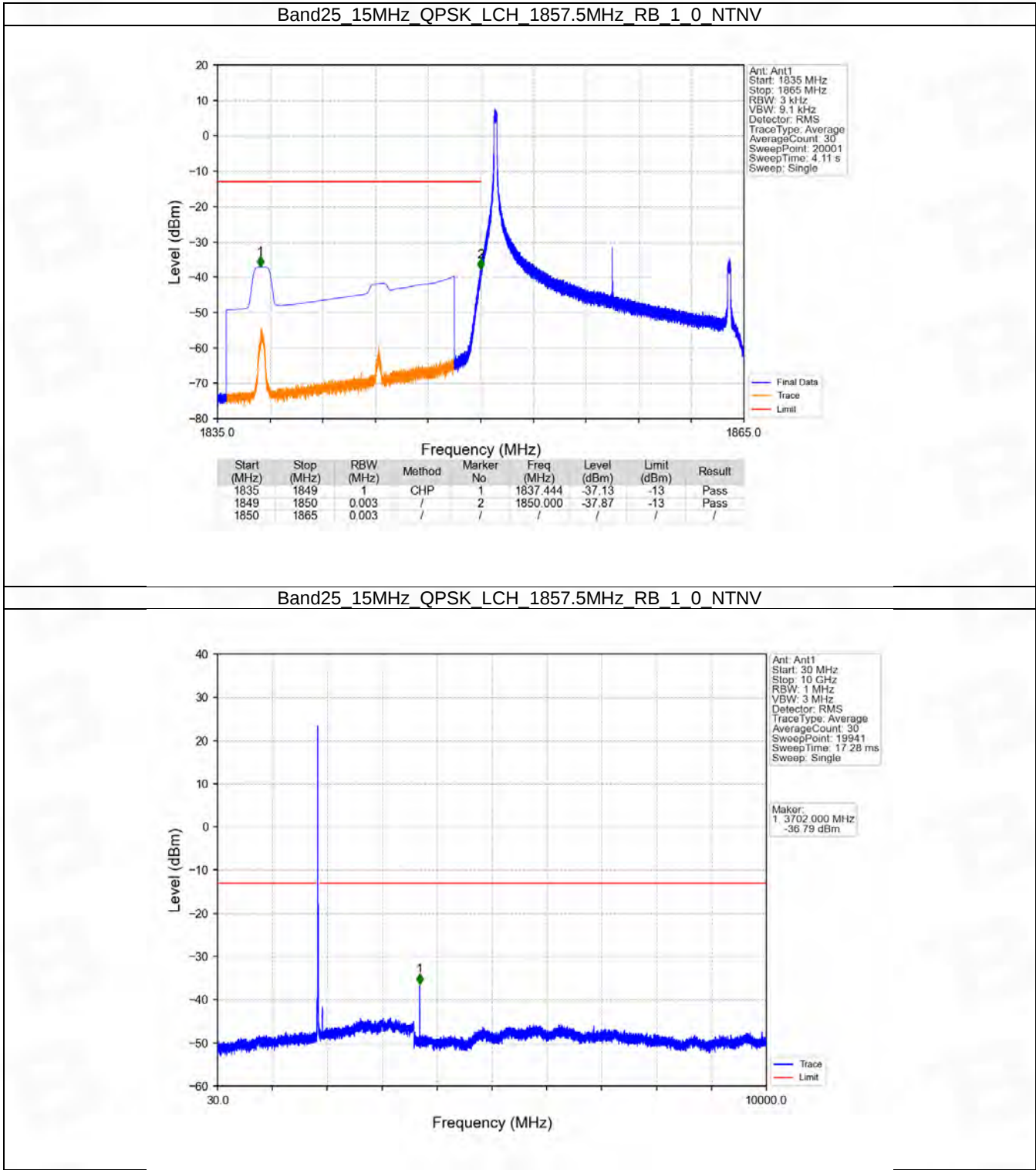


6.5 B25_15MHz

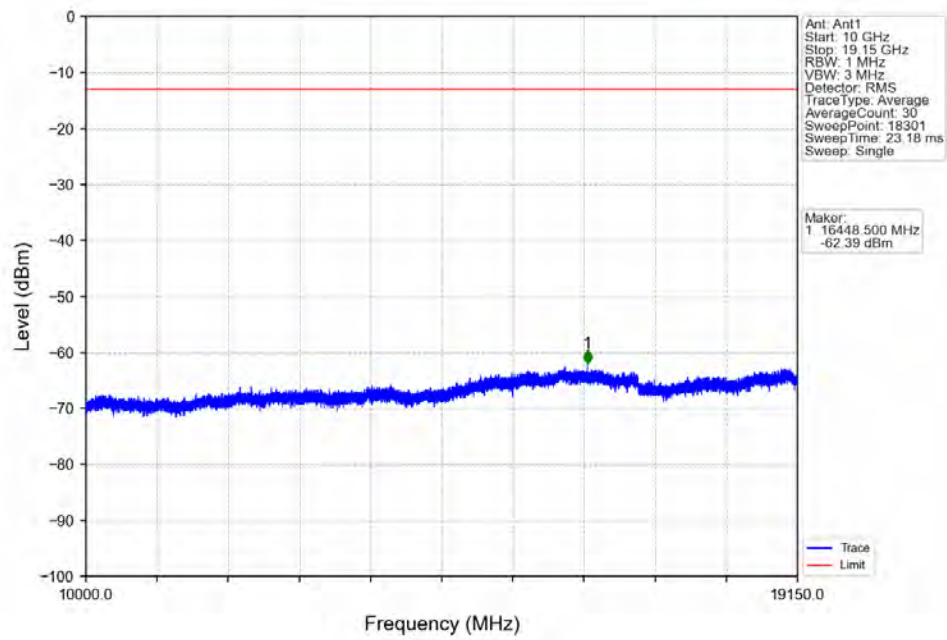
6.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

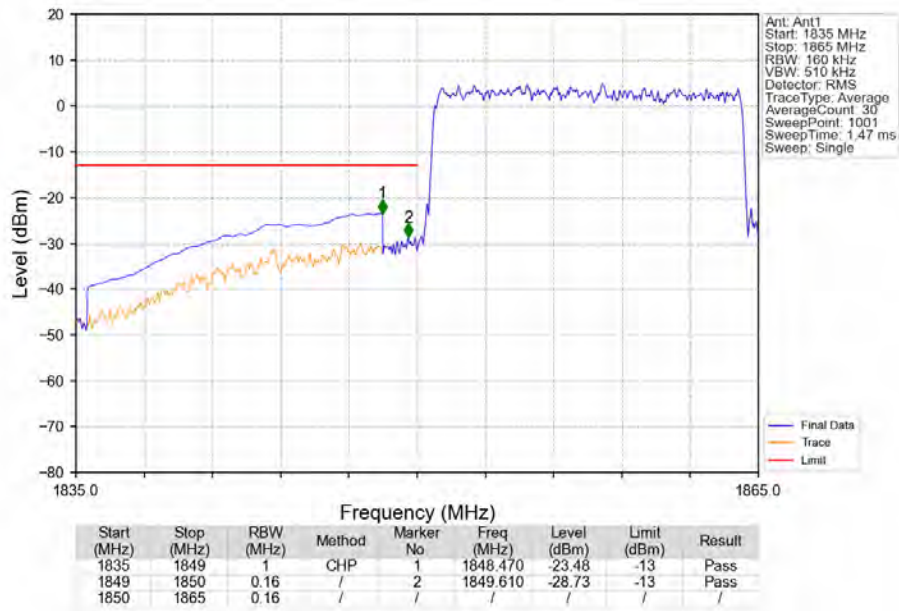
6.5.2 Test Graph



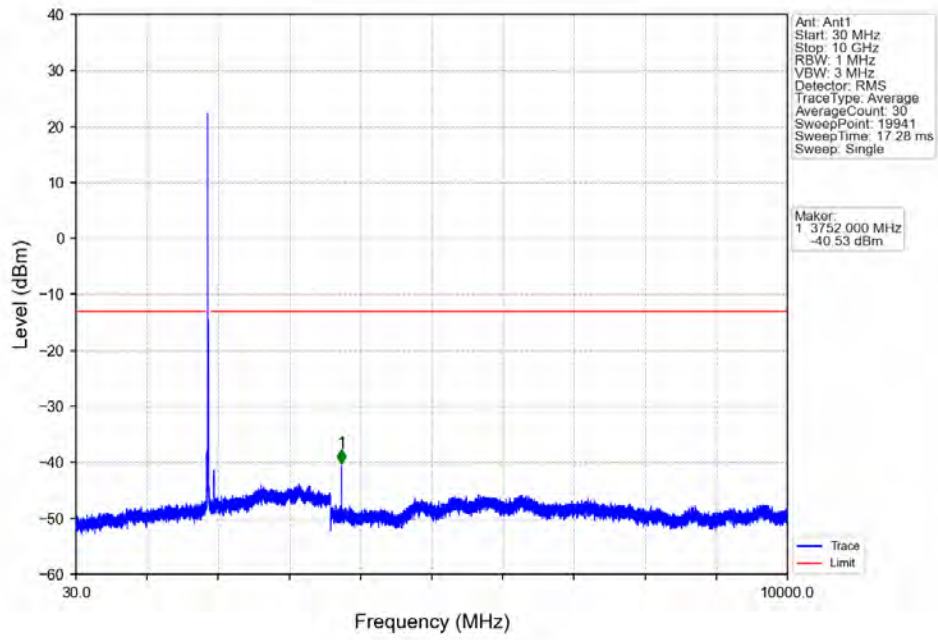
Band25 15MHz QPSK LCH 1857.5MHz RB 1 0 NTV



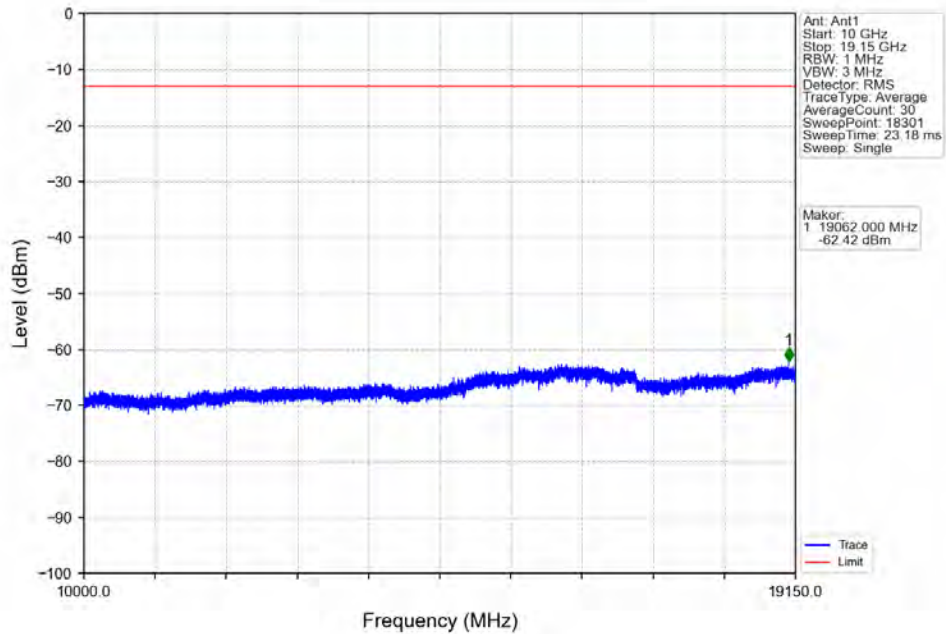
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTV



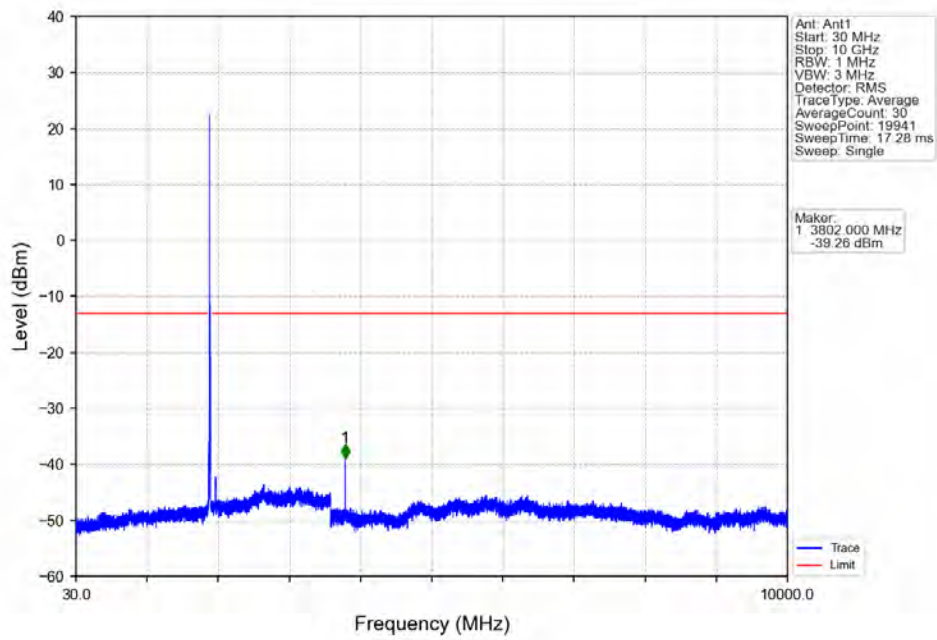
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



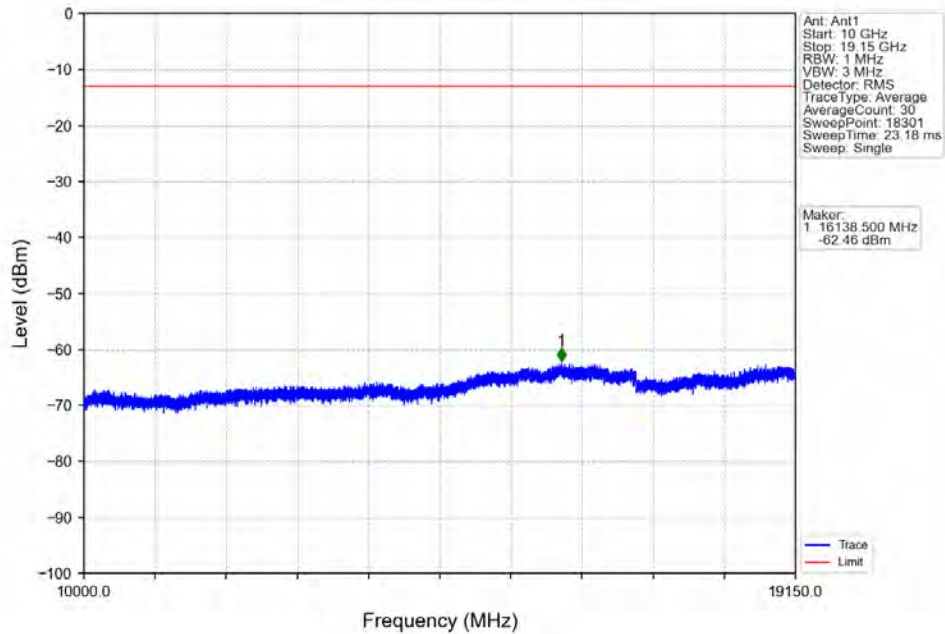
Band25 15MHz QPSK MCH 1882.5MHz RB 1 0 NTV



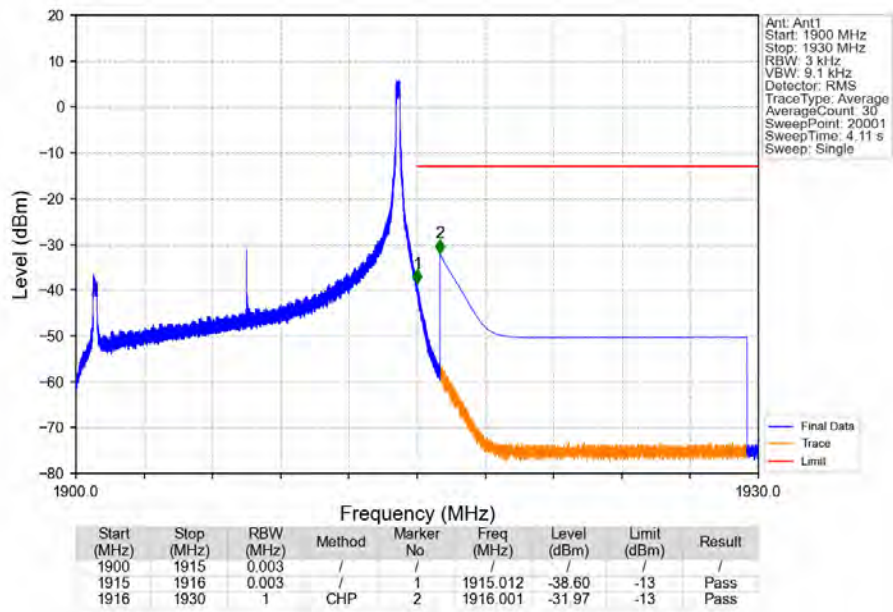
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



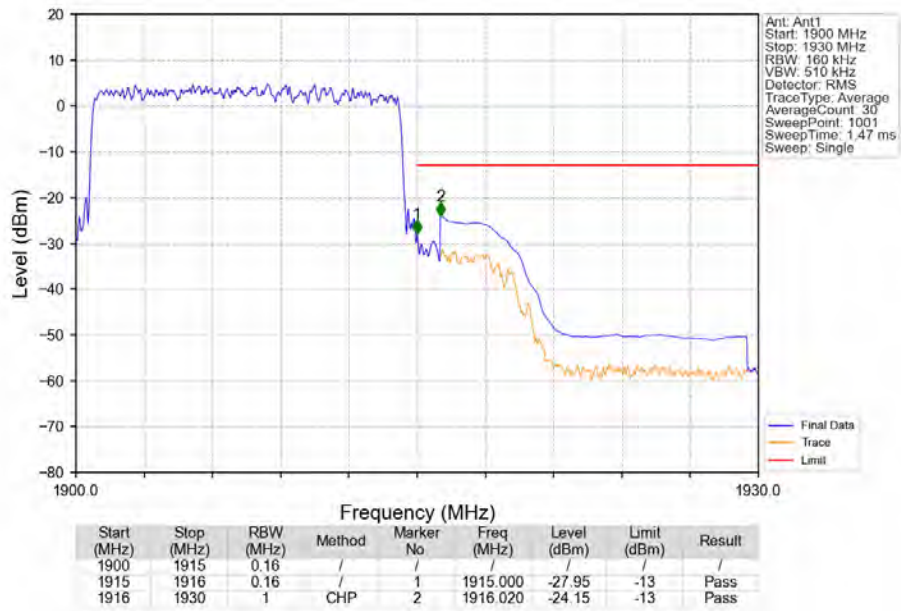
Band25 15MHz QPSK HCH 1907.5MHz RB 1 0 NTNV



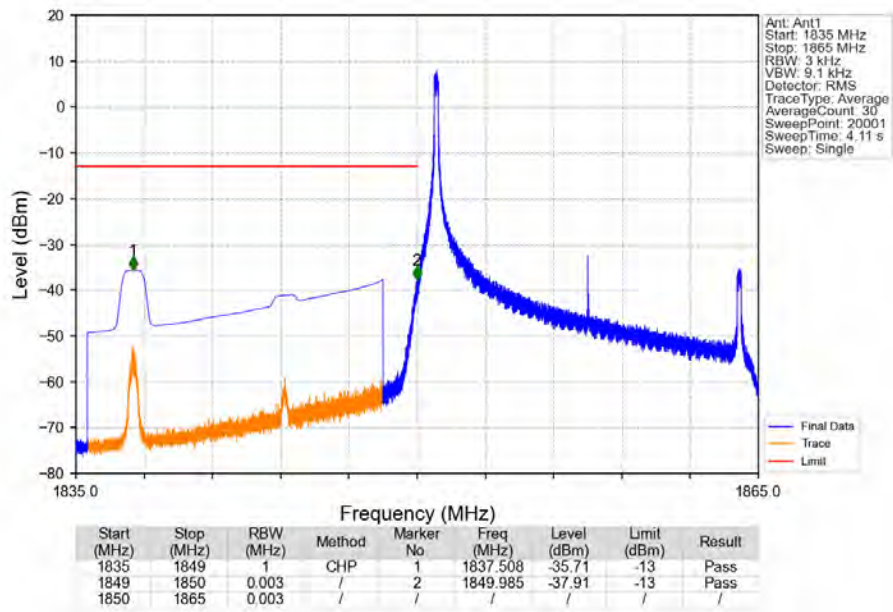
Band25 15MHz QPSK HCH 1907.5MHz RB 1 74 NTNV



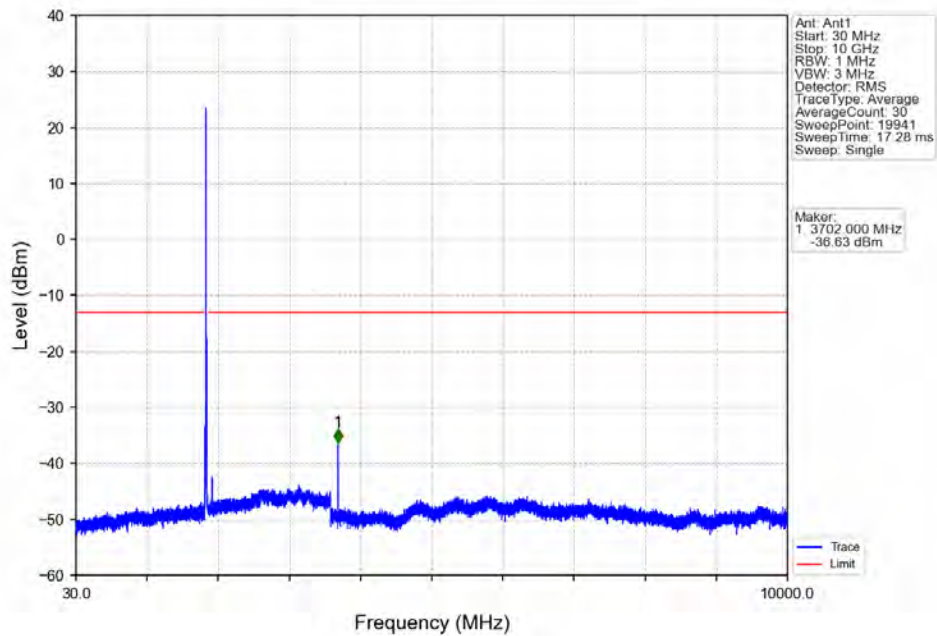
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTNV



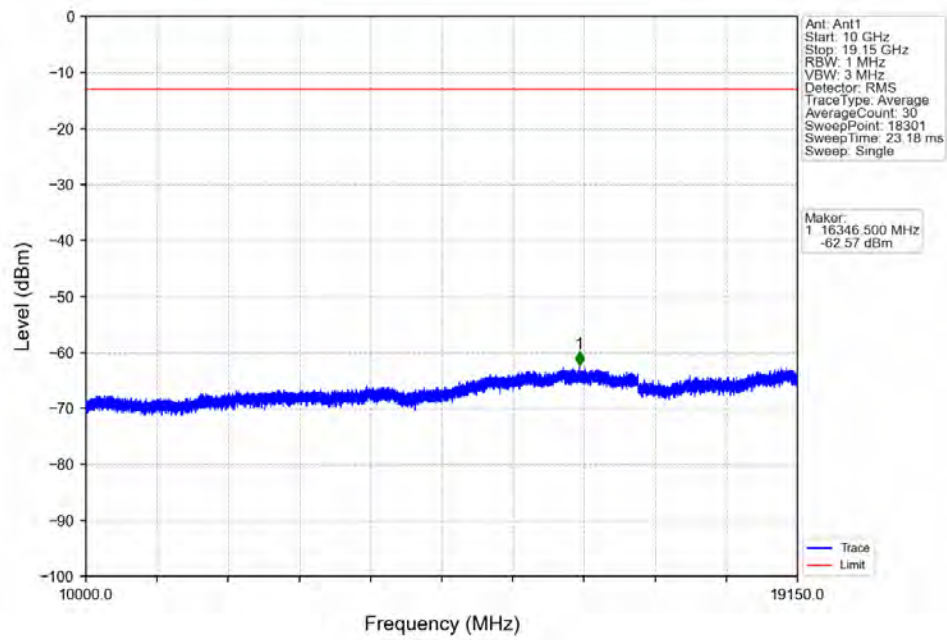
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



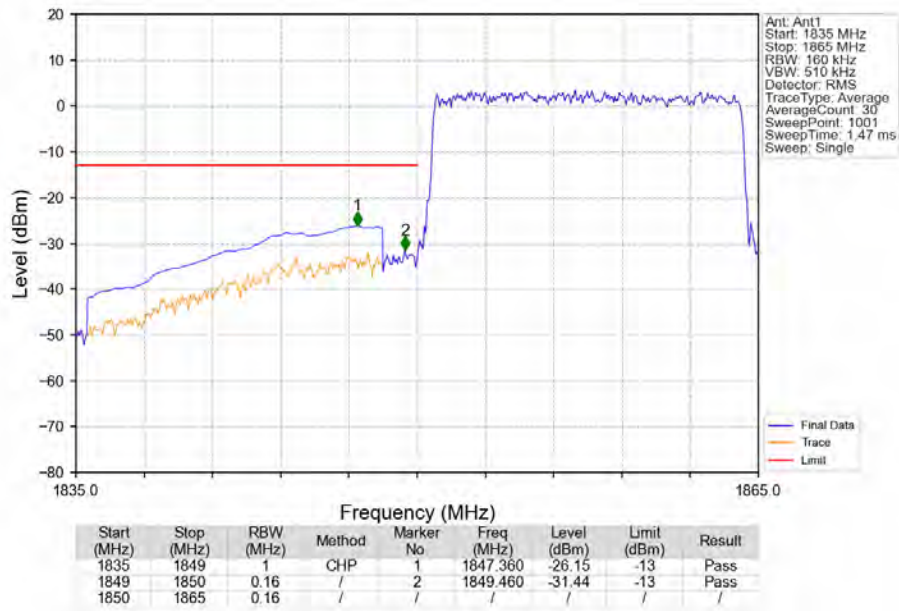
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



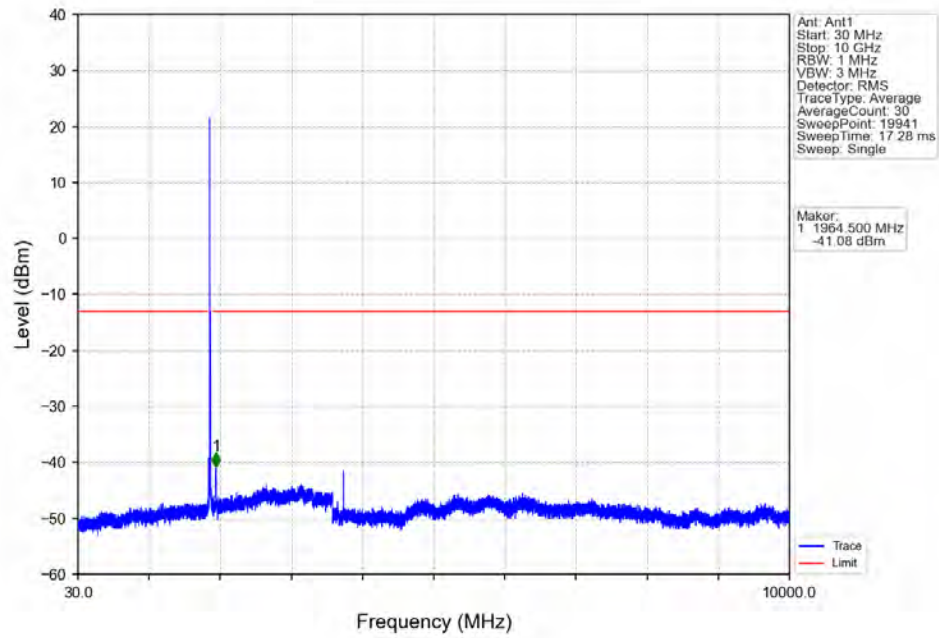
Band25 15MHz 16QAM LCH 1857.5MHz RB 1 0 NTNV



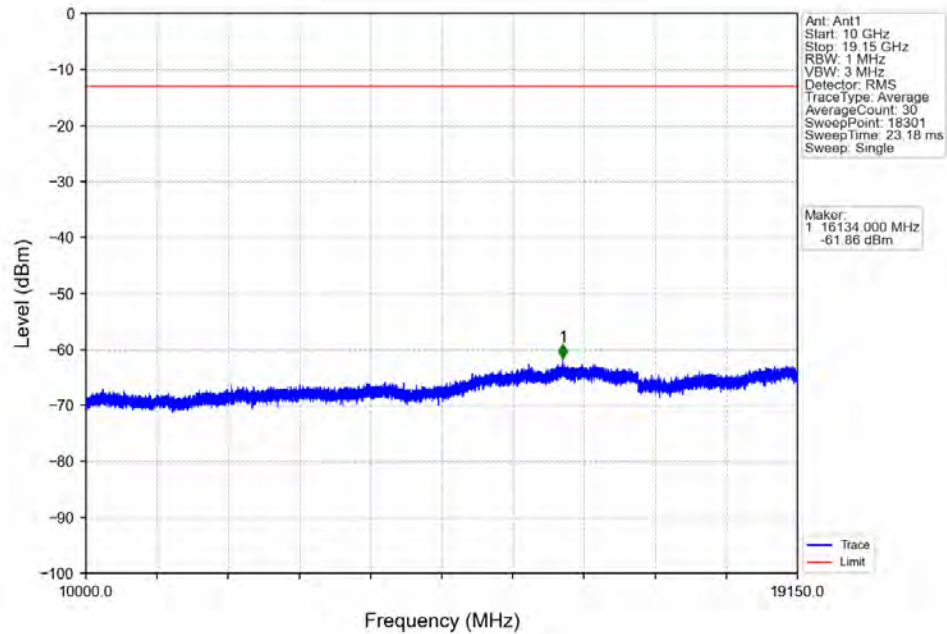
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTNV



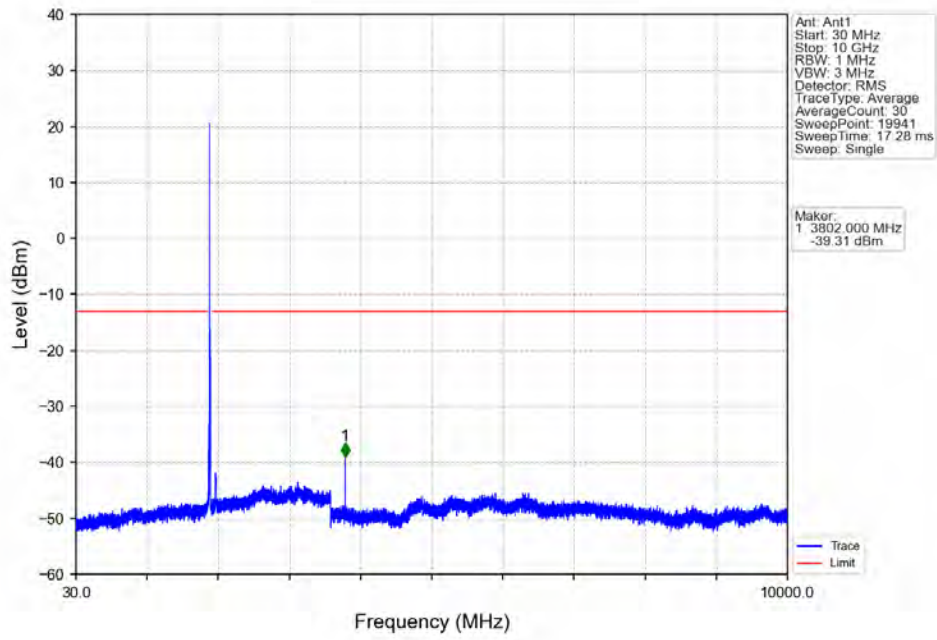
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



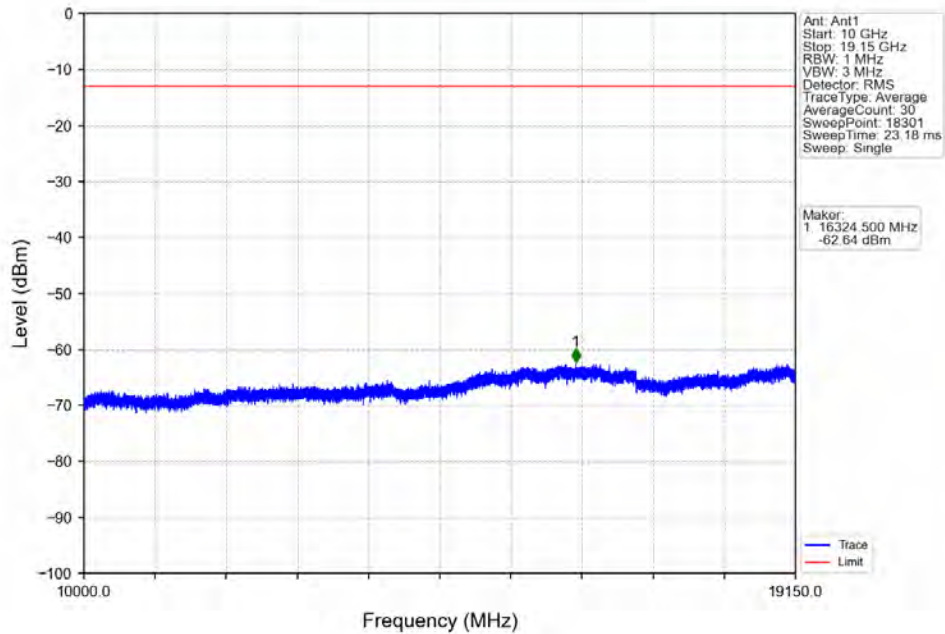
Band25 15MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



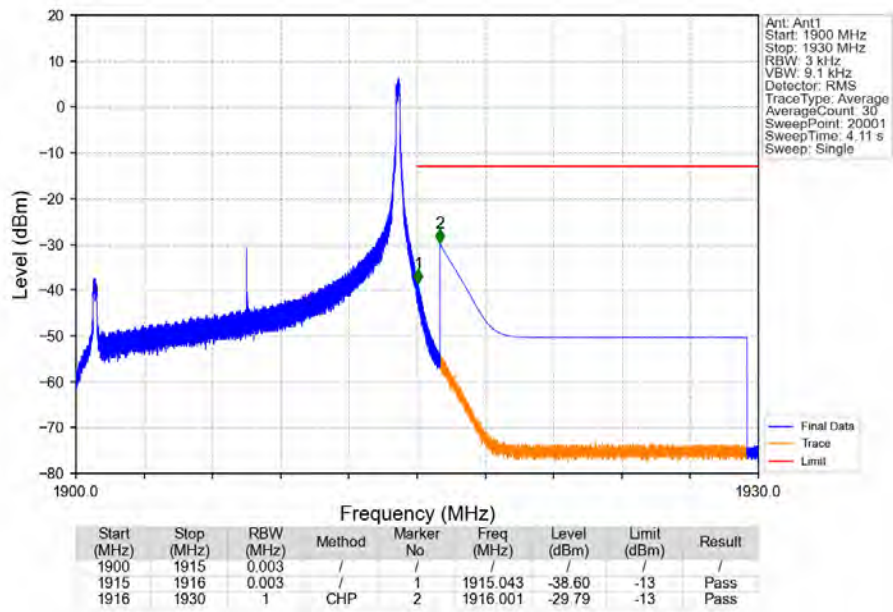
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



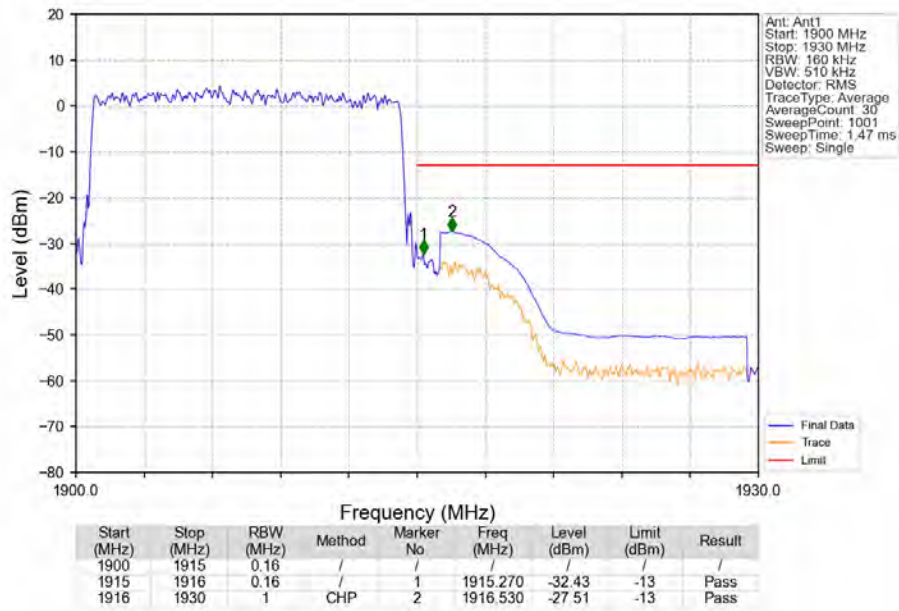
Band25 15MHz 16QAM HCH 1907.5MHz RB 1 0 NTNV



Band25 15MHz 16QAM HCH 1907.5MHz RB 1 74 NTNV



Band25 15MHz 16QAM HCH 1907.5MHz RB 75 0 NTNV

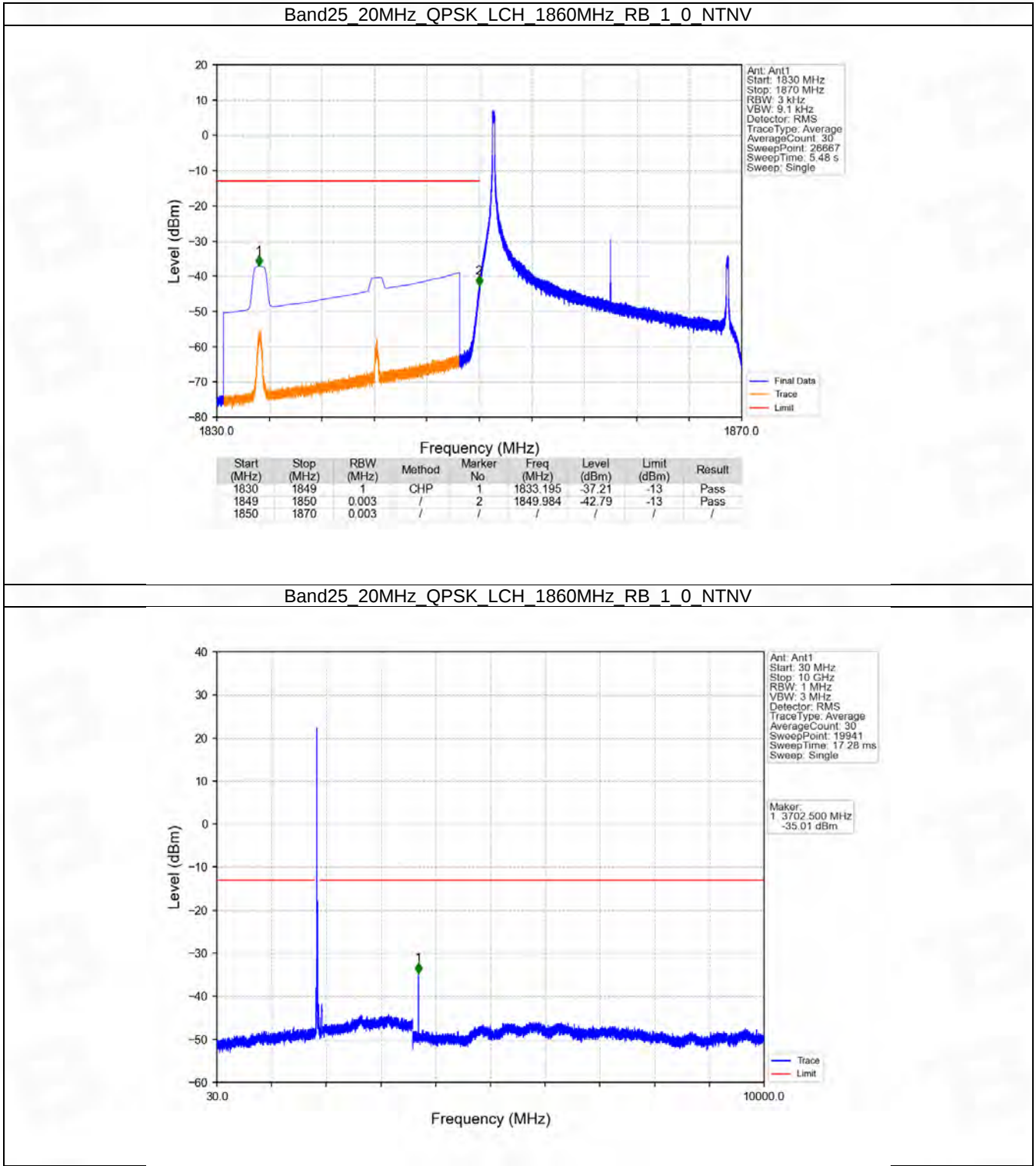


6.6 B25_20MHz

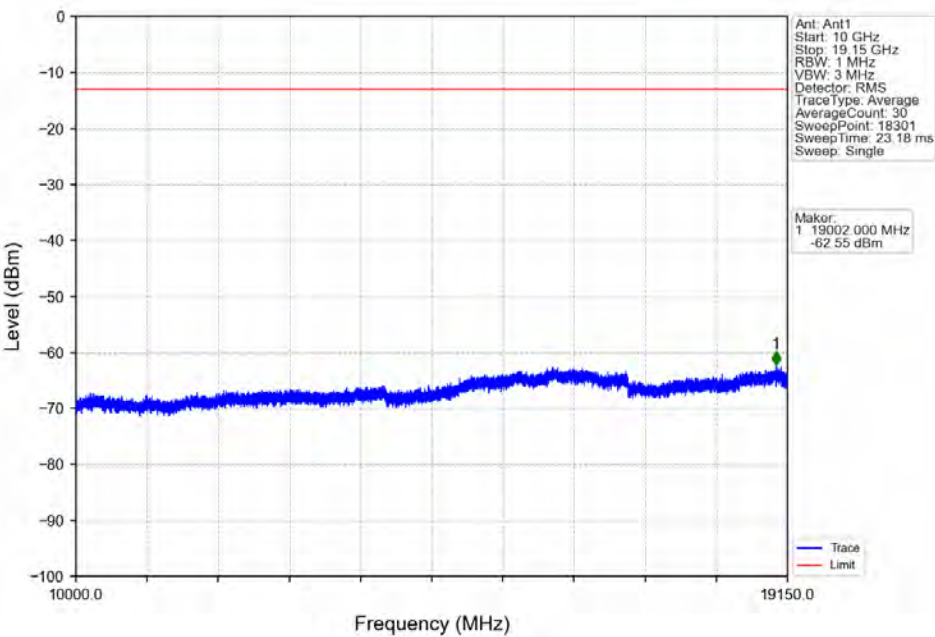
6.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

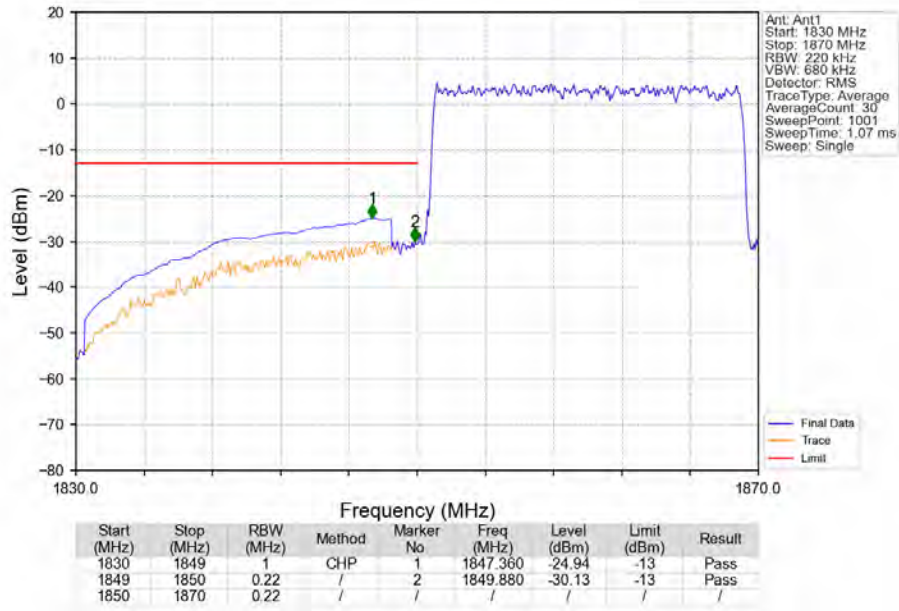
6.6.2 Test Graph



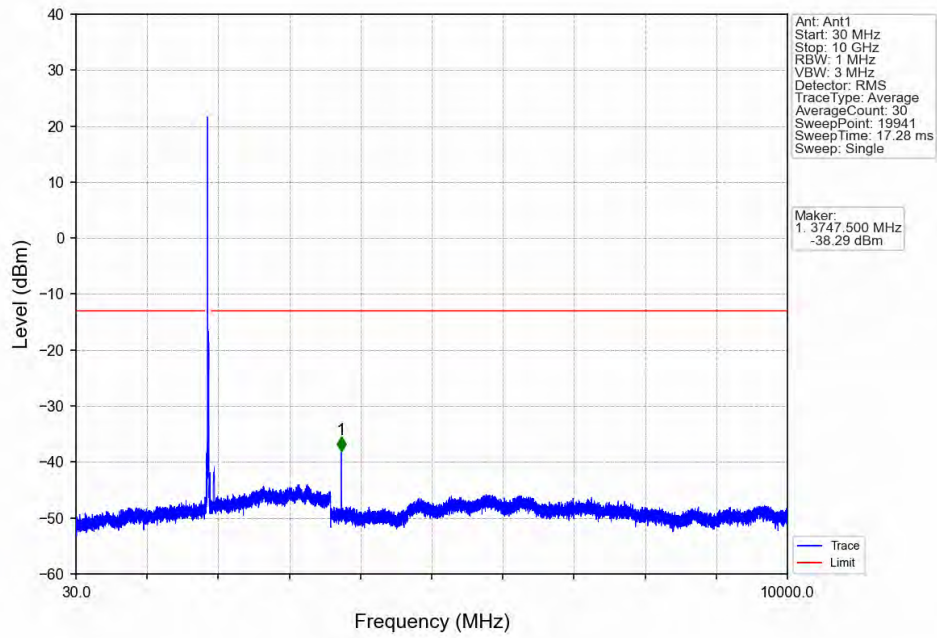
Band25 20MHz QPSK LCH 1860MHz RB 1 0 NTNV



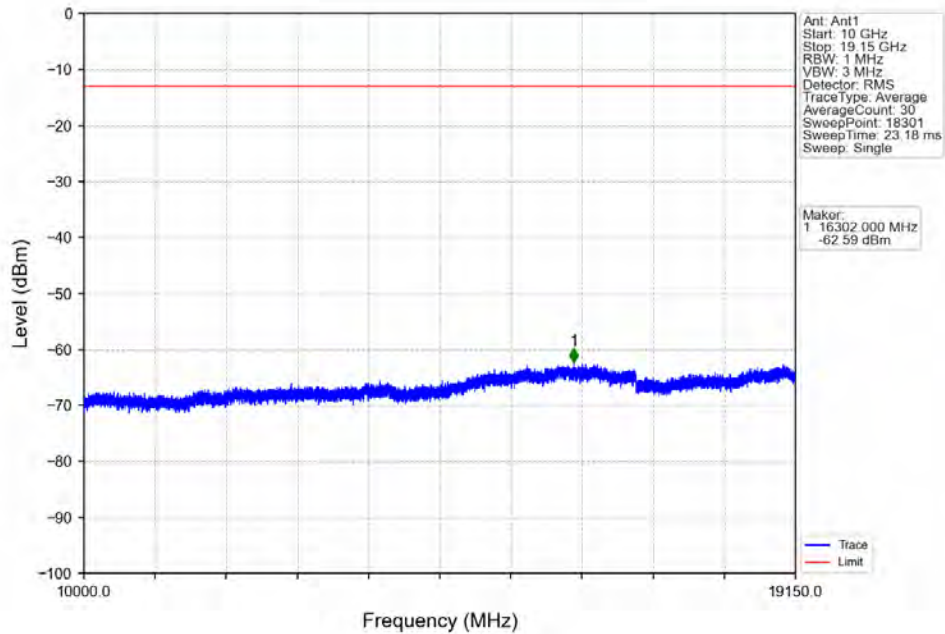
Band25 20MHz QPSK LCH 1860MHz RB 100 0 NTNV



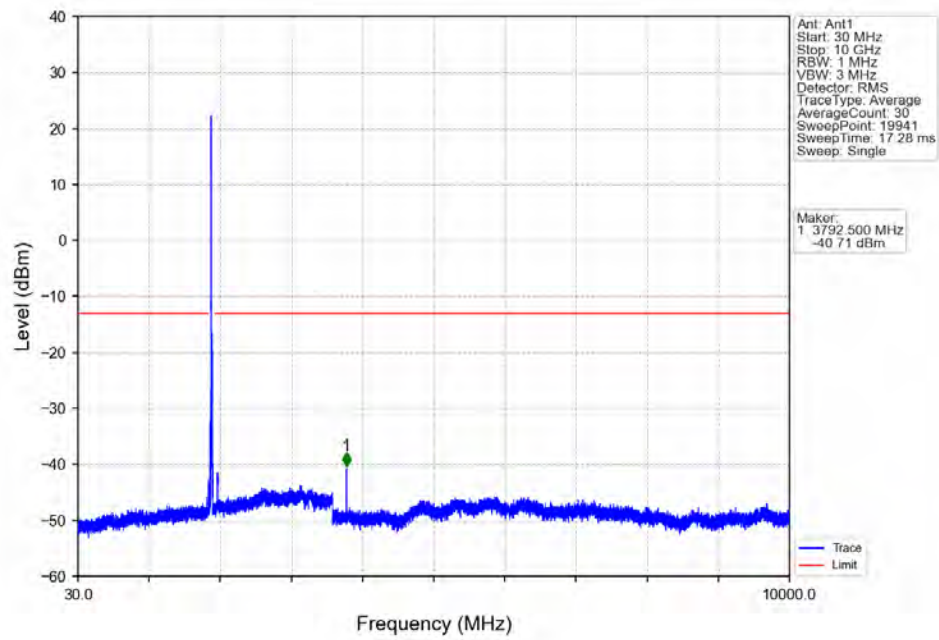
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



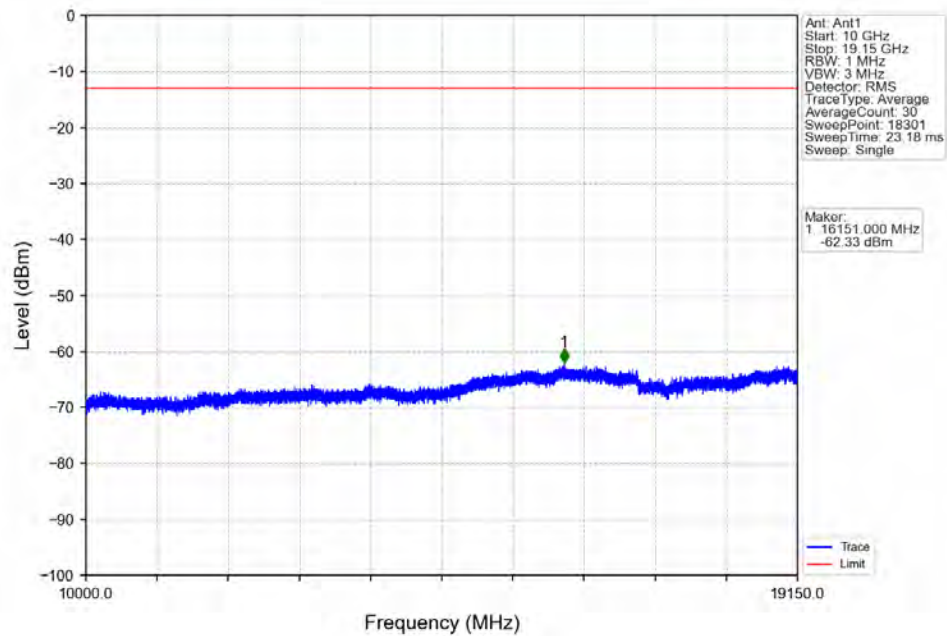
Band25 20MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



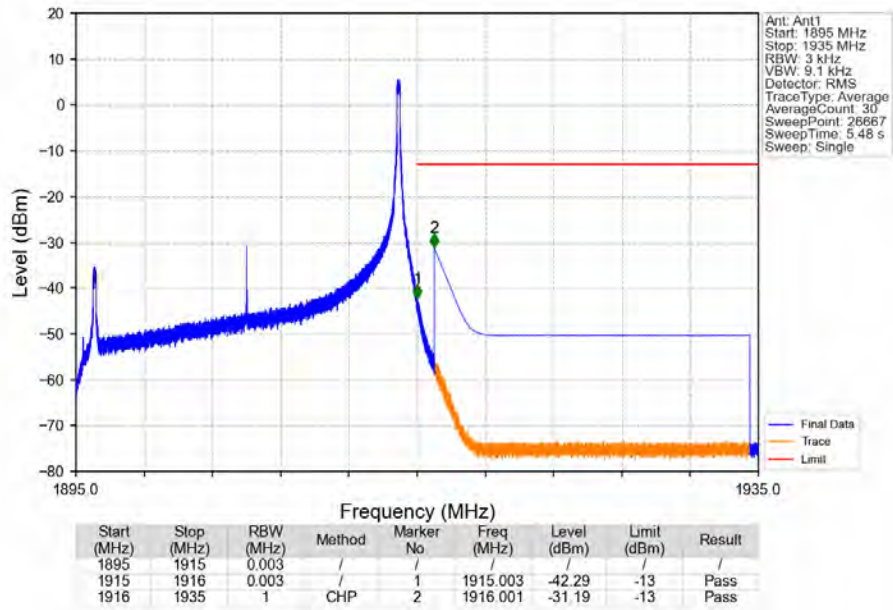
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV



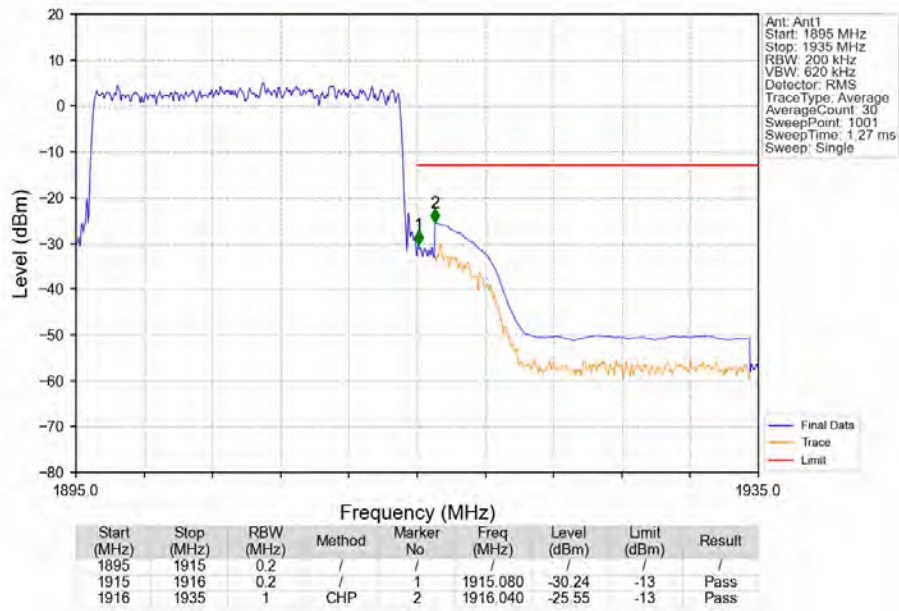
Band25 20MHz QPSK HCH 1905MHz RB 1 0 NTNV



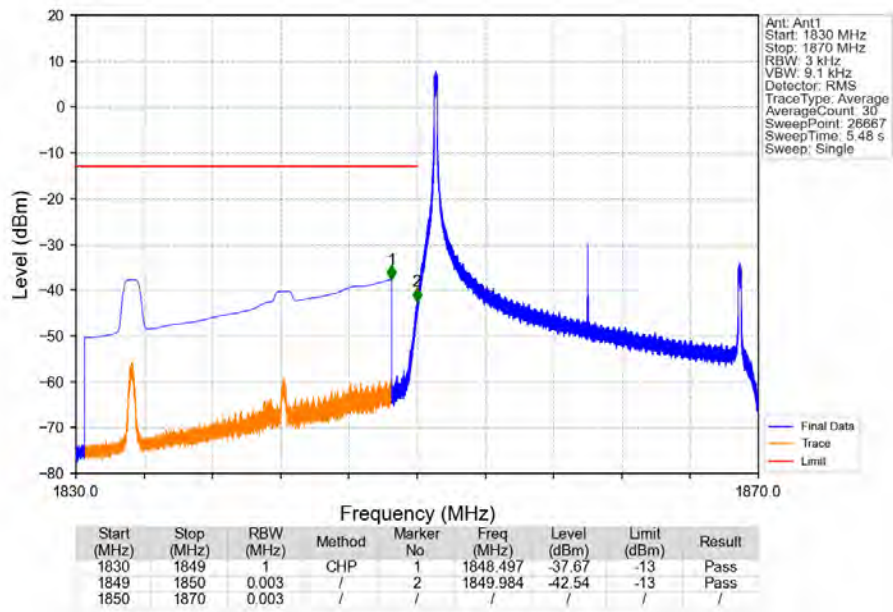
Band25 20MHz QPSK HCH 1905MHz RB 1 99_NTNV



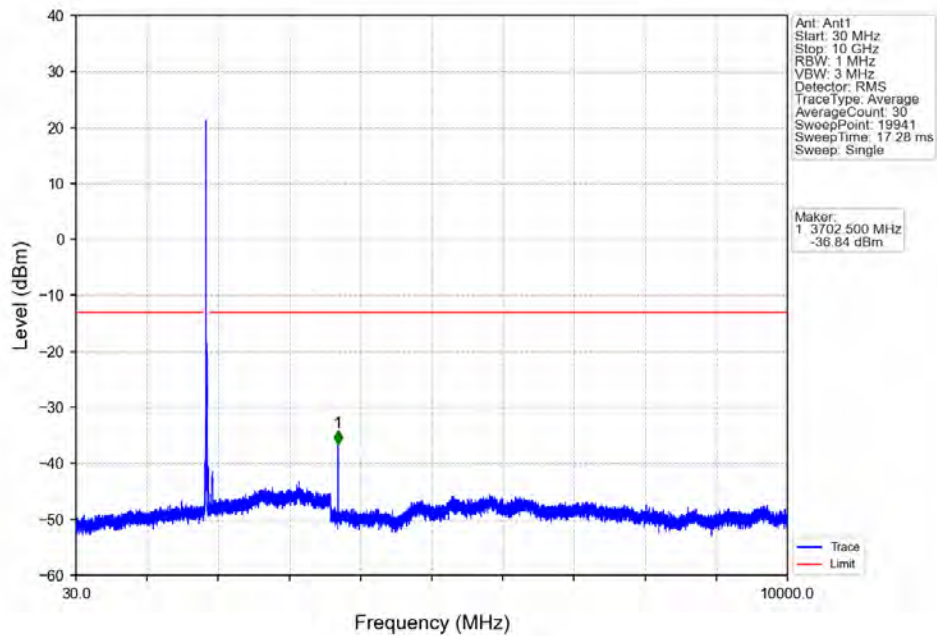
Band25 20MHz QPSK HCH 1905MHz RB 100 0_NTNV



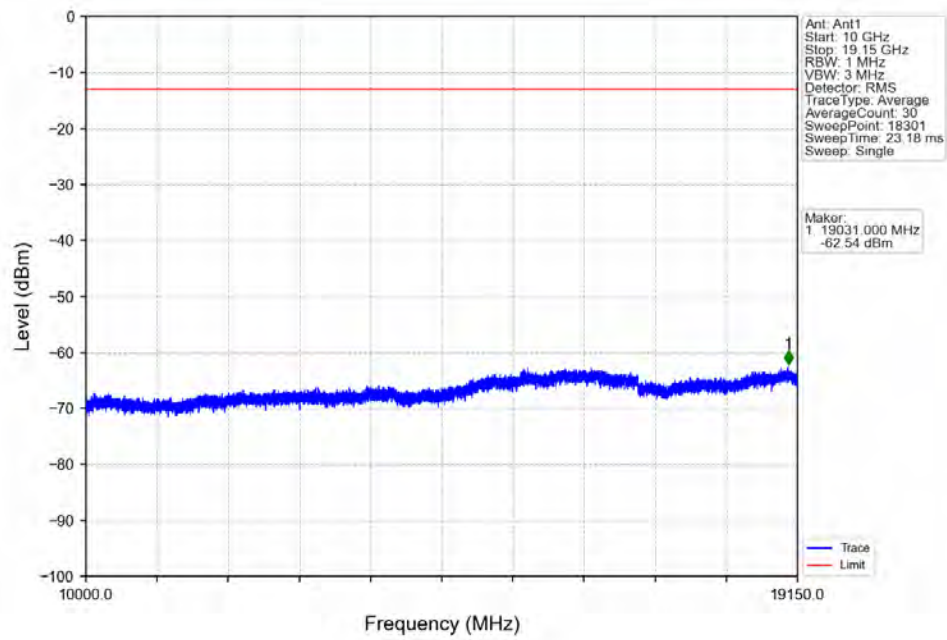
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTV



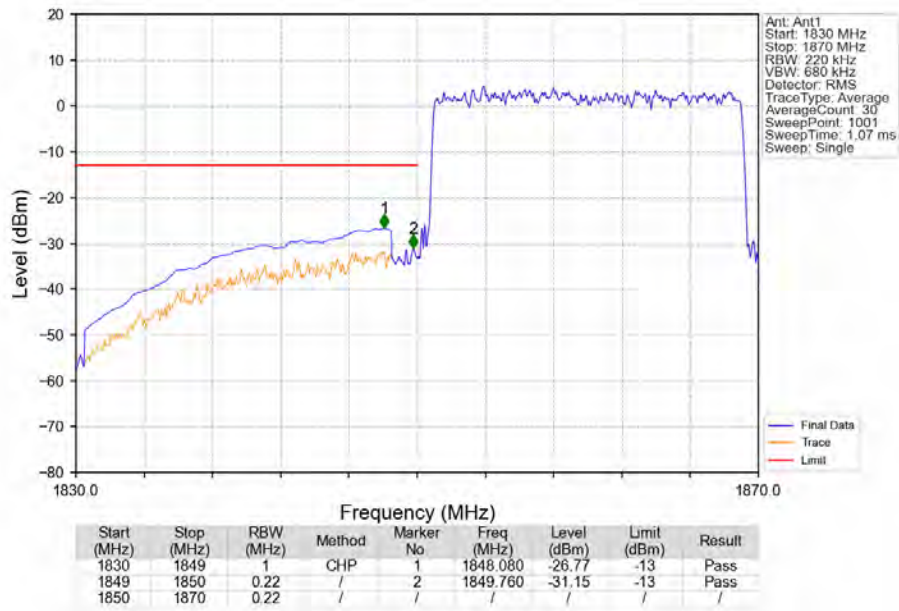
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTV



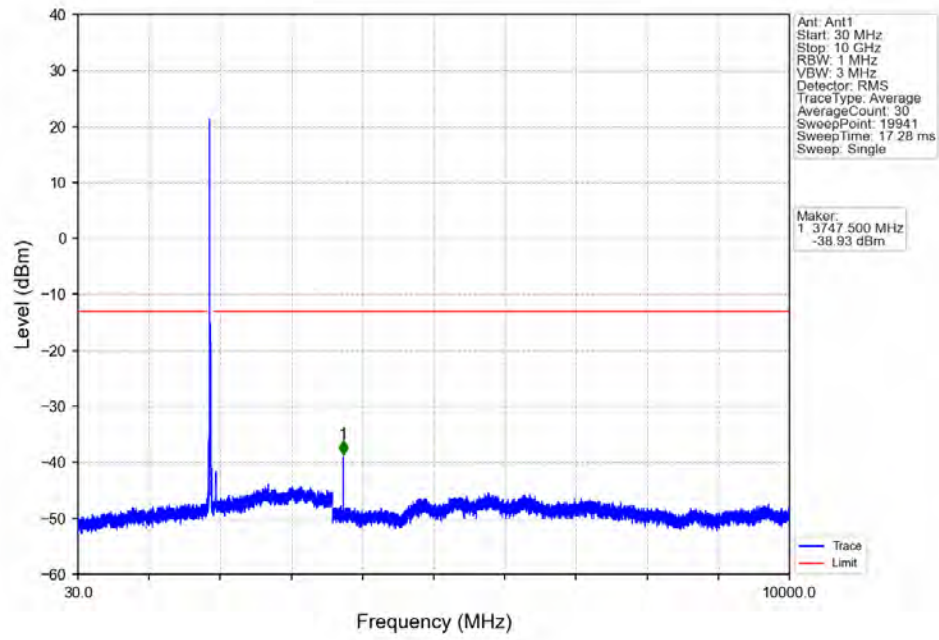
Band25 20MHz 16QAM LCH 1860MHz RB 1 0 NTNV



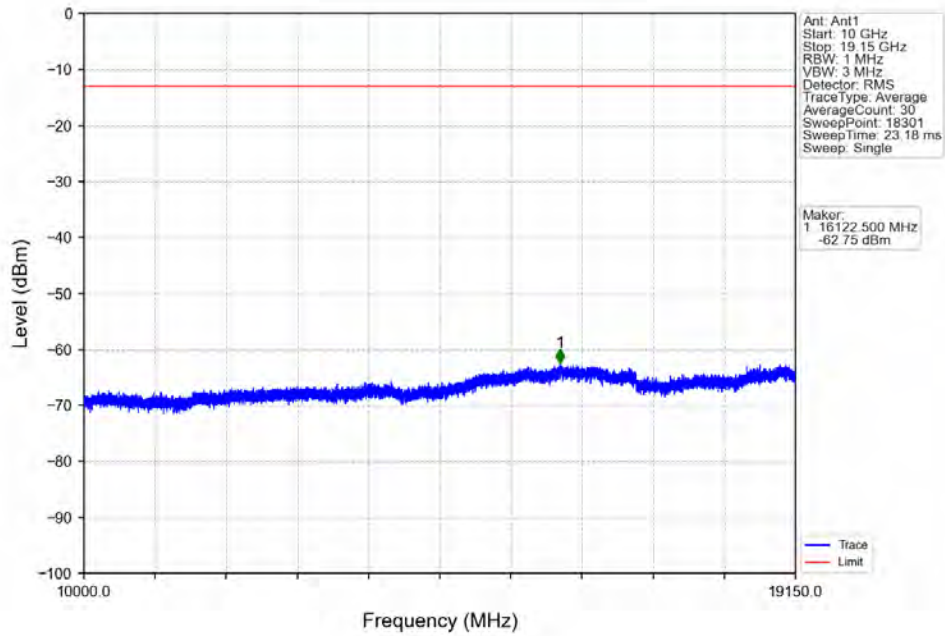
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTNV



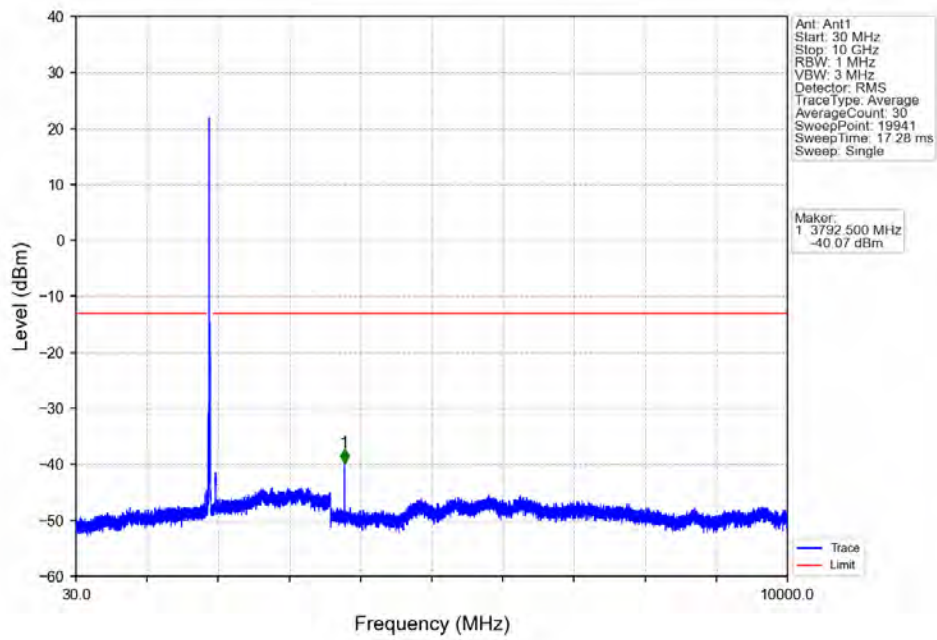
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



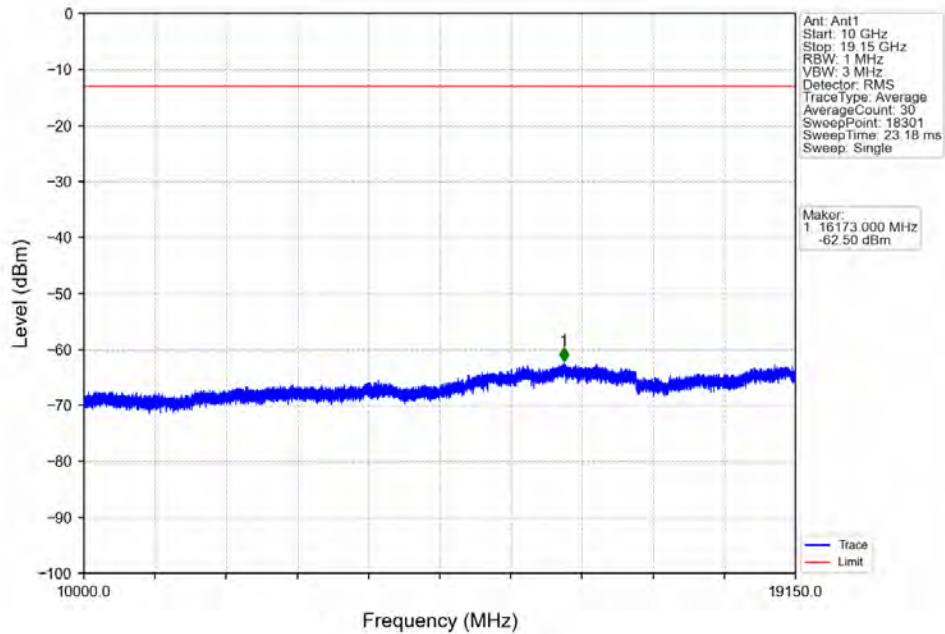
Band25 20MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



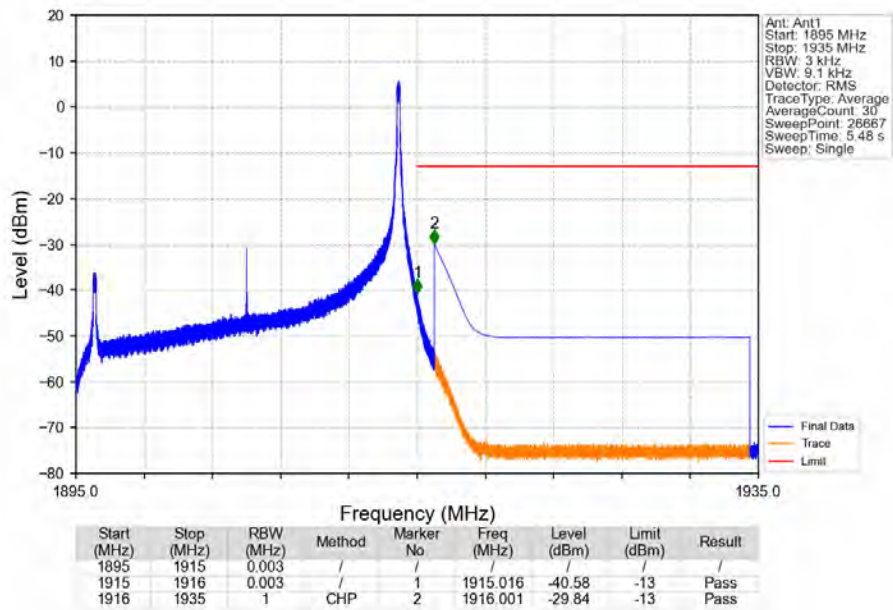
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



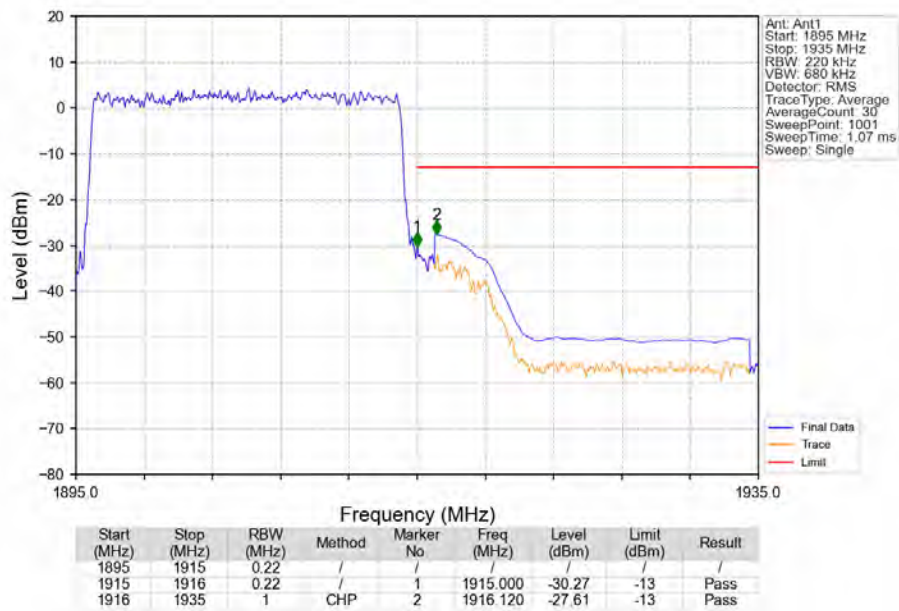
Band25_20MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



Band25 20MHz 16QAM HCH 1905MHz RB 1 99 NTNV



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



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.0767	0.0163	ppm	1M11G7D	24E	18.85
25	1.4	1850.7	1914.3	0.0628	0.0094	ppm	1M11W7D	24E	17.98
25	3	1851.5	1913.5	0.0785	0.0313	ppm	2M73G7D	24E	18.95
25	3	1851.5	1913.5	0.0711	0.0100	ppm	2M72W7D	24E	18.52
25	5	1852.5	1912.5	0.0752	0.0124	ppm	4M58G7D	24E	18.76
25	5	1852.5	1912.5	0.0585	0.0094	ppm	4M59W7D	24E	17.67
25	10	1855	1910	0.0745	0.0080	ppm	9M12G7D	24E	18.72
25	10	1855	1910	0.0681	0.0099	ppm	9M10W7D	24E	18.33
25	15	1857.5	1907.5	0.0723	0.0073	ppm	13M7G7D	24E	18.59
25	15	1857.5	1907.5	0.0655	0.0075	ppm	13M7W7D	24E	18.16
25	20	1860	1905	0.0695	0.0084	ppm	18M2G7D	24E	18.42
25	20	1860	1905	0.1409	0.0073	ppm	18M2W7D	24E	21.49

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
25	1.4	1850.7	1914.3	0.0570	0.0163	ppm	1M11G7D	24E	17.56
25	1.4	1850.7	1914.3	0.0467	0.0094	ppm	1M11W7D	24E	16.69
25	3	1851.5	1913.5	0.0583	0.0313	ppm	2M73G7D	24E	17.66
25	3	1851.5	1913.5	0.0528	0.0100	ppm	2M72W7D	24E	17.23
25	5	1852.5	1912.5	0.0558	0.0124	ppm	4M58G7D	24E	17.47
25	5	1852.5	1912.5	0.0435	0.0094	ppm	4M59W7D	24E	16.38
25	10	1855	1910	0.0553	0.0080	ppm	9M12G7D	24E	17.43
25	10	1855	1910	0.0506	0.0099	ppm	9M10W7D	24E	17.04
25	15	1857.5	1907.5	0.0537	0.0073	ppm	13M7G7D	24E	17.30
25	15	1857.5	1907.5	0.0486	0.0075	ppm	13M7W7D	24E	16.87
25	20	1860	1905	0.0516	0.0084	ppm	18M2G7D	24E	17.13
25	20	1860	1905	0.1047	0.0073	ppm	18M2W7D	24E	20.20