

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B25_1.4MHz_EIRP

Band: 25 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1850.7	1	0	23.36	1.59	24.95	<=33.01	Pass
			2	23.41	1.59	25.00	<=33.01	Pass
			5	23.45	1.59	25.04	<=33.01	Pass
		3	0	23.57	1.59	25.16	<=33.01	Pass
			2	23.48	1.59	25.07	<=33.01	Pass
			3	23.70	1.59	25.29	<=33.01	Pass
		6	0	22.35	1.59	23.94	<=33.01	Pass
	1882.5	1	0	23.82	1.59	25.41	<=33.01	Pass
			2	23.66	1.59	25.25	<=33.01	Pass
			5	23.80	1.59	25.39	<=33.01	Pass
		3	0	23.66	1.59	25.25	<=33.01	Pass
			2	23.70	1.59	25.29	<=33.01	Pass
			3	23.64	1.59	25.23	<=33.01	Pass
	6	0	22.63	1.59	24.22	<=33.01	Pass	
	1914.3	1	0	23.57	1.59	25.16	<=33.01	Pass
			2	23.66	1.59	25.25	<=33.01	Pass
			5	23.50	1.59	25.09	<=33.01	Pass
		3	0	23.53	1.59	25.12	<=33.01	Pass
			2	23.56	1.59	25.15	<=33.01	Pass
			3	23.80	1.59	25.39	<=33.01	Pass
		6	0	22.76	1.59	24.35	<=33.01	Pass
16QAM	1850.7	1	0	22.18	1.59	23.77	<=33.01	Pass
			2	22.15	1.59	23.74	<=33.01	Pass
			5	22.22	1.59	23.81	<=33.01	Pass
		3	0	22.41	1.59	24.00	<=33.01	Pass
			2	22.57	1.59	24.16	<=33.01	Pass
			3	22.65	1.59	24.24	<=33.01	Pass
		6	0	21.43	1.59	23.02	<=33.01	Pass
	1882.5	1	0	22.97	1.59	24.56	<=33.01	Pass
			2	22.48	1.59	24.07	<=33.01	Pass
			5	22.40	1.59	23.99	<=33.01	Pass
		3	0	22.56	1.59	24.15	<=33.01	Pass
			2	22.65	1.59	24.24	<=33.01	Pass
			3	22.69	1.59	24.28	<=33.01	Pass
	6	0	21.66	1.59	23.25	<=33.01	Pass	
	1914.3	1	0	22.79	1.59	24.38	<=33.01	Pass
			2	22.98	1.59	24.57	<=33.01	Pass
			5	22.89	1.59	24.48	<=33.01	Pass
		3	0	22.66	1.59	24.25	<=33.01	Pass
			2	22.72	1.59	24.31	<=33.01	Pass
			3	22.66	1.59	24.25	<=33.01	Pass
		6	0	21.40	1.59	22.99	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B25_3MHz_EIRP

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1851.5	1	0	23.65	1.59	25.24	<=33.01	Pass		
			7	23.75	1.59	25.34	<=33.01	Pass		
			14	23.70	1.59	25.29	<=33.01	Pass		
		8	0	22.44	1.59	24.03	<=33.01	Pass		
			4	22.52	1.59	24.11	<=33.01	Pass		
			7	22.45	1.59	24.04	<=33.01	Pass		
		15	0	22.58	1.59	24.17	<=33.01	Pass		
		1882.5	1	0	23.48	1.59	25.07	<=33.01	Pass	
				7	23.83	1.59	25.42	<=33.01	Pass	
	14			23.57	1.59	25.16	<=33.01	Pass		
	8		0	22.72	1.59	24.31	<=33.01	Pass		
			4	22.72	1.59	24.31	<=33.01	Pass		
			7	22.71	1.59	24.30	<=33.01	Pass		
	15		0	22.71	1.59	24.30	<=33.01	Pass		
	1913.5		1	0	23.75	1.59	25.34	<=33.01	Pass	
				7	23.86	1.59	25.45	<=33.01	Pass	
		14		23.72	1.59	25.31	<=33.01	Pass		
		8	0	22.71	1.59	24.30	<=33.01	Pass		
			4	22.67	1.59	24.26	<=33.01	Pass		
			7	22.79	1.59	24.38	<=33.01	Pass		
		15	0	22.80	1.59	24.39	<=33.01	Pass		
		16QAM	1851.5	1	0	23.07	1.59	24.66	<=33.01	Pass
					7	23.28	1.59	24.87	<=33.01	Pass
	14				23.07	1.59	24.66	<=33.01	Pass	
8	0			21.58	1.59	23.17	<=33.01	Pass		
	4			21.66	1.59	23.25	<=33.01	Pass		
	7			21.69	1.59	23.28	<=33.01	Pass		
15	0			21.51	1.59	23.10	<=33.01	Pass		
1882.5	1			0	23.13	1.59	24.72	<=33.01	Pass	
				7	23.29	1.59	24.88	<=33.01	Pass	
			14	23.19	1.59	24.78	<=33.01	Pass		
	8		0	21.88	1.59	23.47	<=33.01	Pass		
			4	21.54	1.59	23.13	<=33.01	Pass		
			7	21.69	1.59	23.28	<=33.01	Pass		
	15		0	21.64	1.59	23.23	<=33.01	Pass		
	1913.5		1	0	22.66	1.59	24.25	<=33.01	Pass	
				7	22.61	1.59	24.20	<=33.01	Pass	
14				22.55	1.59	24.14	<=33.01	Pass		
8			0	21.56	1.59	23.15	<=33.01	Pass		
			4	21.52	1.59	23.11	<=33.01	Pass		
			7	21.64	1.59	23.23	<=33.01	Pass		
15			0	21.84	1.59	23.43	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

Band: 25 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	23.32	1.59	24.91	<=33.01	Pass
			13	23.63	1.59	25.22	<=33.01	Pass
			24	23.41	1.59	25.00	<=33.01	Pass
		12	0	22.61	1.59	24.20	<=33.01	Pass
			6	22.58	1.59	24.17	<=33.01	Pass
			13	22.65	1.59	24.24	<=33.01	Pass
	25	0	22.55	1.59	24.14	<=33.01	Pass	
	1882.5	1	0	23.36	1.59	24.95	<=33.01	Pass

			13	23.62	1.59	25.21	<=33.01	Pass	
			24	23.50	1.59	25.09	<=33.01	Pass	
		12	0	22.75	1.59	24.34	<=33.01	Pass	
			6	22.79	1.59	24.38	<=33.01	Pass	
			13	22.74	1.59	24.33	<=33.01	Pass	
		25	0	22.76	1.59	24.35	<=33.01	Pass	
	1912.5	1	0	23.57	1.59	25.16	<=33.01	Pass	
			13	23.51	1.59	25.10	<=33.01	Pass	
			24	23.58	1.59	25.17	<=33.01	Pass	
		12	0	22.64	1.59	24.23	<=33.01	Pass	
			6	22.68	1.59	24.27	<=33.01	Pass	
			13	22.68	1.59	24.27	<=33.01	Pass	
	25	0	22.72	1.59	24.31	<=33.01	Pass		
	16QAM	1852.5	1	0	22.12	1.59	23.71	<=33.01	Pass
				13	22.28	1.59	23.87	<=33.01	Pass
24				22.19	1.59	23.78	<=33.01	Pass	
12			0	21.60	1.59	23.19	<=33.01	Pass	
			6	21.48	1.59	23.07	<=33.01	Pass	
			13	21.63	1.59	23.22	<=33.01	Pass	
25		0	21.53	1.59	23.12	<=33.01	Pass		
1882.5		1	0	23.44	1.59	25.03	<=33.01	Pass	
			13	23.41	1.59	25.00	<=33.01	Pass	
			24	23.19	1.59	24.78	<=33.01	Pass	
		12	0	21.61	1.59	23.20	<=33.01	Pass	
			6	21.60	1.59	23.19	<=33.01	Pass	
			13	21.61	1.59	23.20	<=33.01	Pass	
25		0	21.82	1.59	23.41	<=33.01	Pass		
1912.5		1	0	22.50	1.59	24.09	<=33.01	Pass	
			13	22.58	1.59	24.17	<=33.01	Pass	
			24	22.66	1.59	24.25	<=33.01	Pass	
		12	0	21.42	1.59	23.01	<=33.01	Pass	
			6	21.56	1.59	23.15	<=33.01	Pass	
			13	21.56	1.59	23.15	<=33.01	Pass	
25		0	21.63	1.59	23.22	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

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	23.46	1.59	25.05	<=33.01	Pass
			25	23.75	1.59	25.34	<=33.01	Pass
			49	23.50	1.59	25.09	<=33.01	Pass
		25	0	22.67	1.59	24.26	<=33.01	Pass
			13	22.71	1.59	24.30	<=33.01	Pass
			25	22.58	1.59	24.17	<=33.01	Pass
		50	0	22.53	1.59	24.12	<=33.01	Pass
	1882.5	1	0	23.83	1.59	25.42	<=33.01	Pass
			25	23.69	1.59	25.28	<=33.01	Pass
			49	23.62	1.59	25.21	<=33.01	Pass
		25	0	22.74	1.59	24.33	<=33.01	Pass
			13	22.77	1.59	24.36	<=33.01	Pass
			25	22.73	1.59	24.32	<=33.01	Pass
		50	0	22.74	1.59	24.33	<=33.01	Pass
	1910	1	0	23.71	1.59	25.30	<=33.01	Pass
			25	24.02	1.59	25.61	<=33.01	Pass
			49	23.81	1.59	25.40	<=33.01	Pass

		25	0	22.69	1.59	24.28	<=33.01	Pass		
			13	22.73	1.59	24.32	<=33.01	Pass		
			25	22.74	1.59	24.33	<=33.01	Pass		
		50	0	22.67	1.59	24.26	<=33.01	Pass		
16QAM	1855	1	0	22.89	1.59	24.48	<=33.01	Pass		
			25	23.27	1.59	24.86	<=33.01	Pass		
			49	22.81	1.59	24.40	<=33.01	Pass		
		25	0	21.68	1.59	23.27	<=33.01	Pass		
			13	21.83	1.59	23.42	<=33.01	Pass		
			25	21.58	1.59	23.17	<=33.01	Pass		
		50	0	21.61	1.59	23.20	<=33.01	Pass		
		1882.5	1	0	23.48	1.59	25.07	<=33.01	Pass	
				25	23.94	1.59	25.53	<=33.01	Pass	
	49			22.93	1.59	24.52	<=33.01	Pass		
	25		0	21.61	1.59	23.20	<=33.01	Pass		
			13	21.72	1.59	23.31	<=33.01	Pass		
			25	21.79	1.59	23.38	<=33.01	Pass		
	50		0	21.59	1.59	23.18	<=33.01	Pass		
	1910		1	0	22.79	1.59	24.38	<=33.01	Pass	
				25	23.51	1.59	25.10	<=33.01	Pass	
		49		22.53	1.59	24.12	<=33.01	Pass		
		25	0	21.83	1.59	23.42	<=33.01	Pass		
			13	21.87	1.59	23.46	<=33.01	Pass		
			25	21.95	1.59	23.54	<=33.01	Pass		
		50	0	21.66	1.59	23.25	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B25_15MHz_EIRP

Band: 25 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	23.58	1.59	25.17	<=33.01	Pass		
			38	23.54	1.59	25.13	<=33.01	Pass		
			74	23.63	1.59	25.22	<=33.01	Pass		
		36	0	22.57	1.59	24.16	<=33.01	Pass		
			18	22.61	1.59	24.20	<=33.01	Pass		
			39	22.54	1.59	24.13	<=33.01	Pass		
		75	0	22.58	1.59	24.17	<=33.01	Pass		
		1882.5	1	0	23.66	1.59	25.25	<=33.01	Pass	
				38	23.62	1.59	25.21	<=33.01	Pass	
	74			23.35	1.59	24.94	<=33.01	Pass		
	36		0	22.82	1.59	24.41	<=33.01	Pass		
			18	22.74	1.59	24.33	<=33.01	Pass		
			39	22.63	1.59	24.22	<=33.01	Pass		
	75		0	22.58	1.59	24.17	<=33.01	Pass		
	1907.5		1	0	23.57	1.59	25.16	<=33.01	Pass	
				38	23.61	1.59	25.20	<=33.01	Pass	
		74		23.53	1.59	25.12	<=33.01	Pass		
		36	0	22.66	1.59	24.25	<=33.01	Pass		
			18	22.67	1.59	24.26	<=33.01	Pass		
			39	22.56	1.59	24.15	<=33.01	Pass		
		75	0	22.62	1.59	24.21	<=33.01	Pass		
		16QAM	1857.5	1	0	23.16	1.59	24.75	<=33.01	Pass
					38	23.63	1.59	25.22	<=33.01	Pass
	74				23.08	1.59	24.67	<=33.01	Pass	
	36			0	21.57	1.59	23.16	<=33.01	Pass	
				18	21.52	1.59	23.11	<=33.01	Pass	

			39	21.55	1.59	23.14	<=33.01	Pass
		75	0	21.52	1.59	23.11	<=33.01	Pass
	1882.5	1	0	23.51	1.59	25.10	<=33.01	Pass
			38	23.83	1.59	25.42	<=33.01	Pass
			74	23.12	1.59	24.71	<=33.01	Pass
		36	0	21.75	1.59	23.34	<=33.01	Pass
			18	21.69	1.59	23.28	<=33.01	Pass
			39	21.52	1.59	23.11	<=33.01	Pass
		75	0	21.59	1.59	23.18	<=33.01	Pass
	1907.5	1	0	22.88	1.59	24.47	<=33.01	Pass
			38	22.85	1.59	24.44	<=33.01	Pass
			74	21.89	1.59	23.48	<=33.01	Pass
		36	0	21.52	1.59	23.11	<=33.01	Pass
			18	21.74	1.59	23.33	<=33.01	Pass
			39	21.43	1.59	23.02	<=33.01	Pass
		75	0	21.61	1.59	23.20	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.6 B25_20MHz_EIRP

Band: 25 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.34	1.59	24.93	<=33.01	Pass
			50	23.69	1.59	25.28	<=33.01	Pass
			99	23.58	1.59	25.17	<=33.01	Pass
		50	0	22.62	1.59	24.21	<=33.01	Pass
			25	22.66	1.59	24.25	<=33.01	Pass
			50	22.69	1.59	24.28	<=33.01	Pass
		100	0	22.59	1.59	24.18	<=33.01	Pass
	1882.5	1	0	23.94	1.59	25.53	<=33.01	Pass
			50	24.01	1.59	25.60	<=33.01	Pass
			99	23.59	1.59	25.18	<=33.01	Pass
		50	0	22.81	1.59	24.40	<=33.01	Pass
			25	22.79	1.59	24.38	<=33.01	Pass
			50	22.58	1.59	24.17	<=33.01	Pass
		100	0	22.61	1.59	24.20	<=33.01	Pass
	1905	1	0	23.42	1.59	25.01	<=33.01	Pass
			50	23.67	1.59	25.26	<=33.01	Pass
			99	23.56	1.59	25.15	<=33.01	Pass
		50	0	22.57	1.59	24.16	<=33.01	Pass
			25	22.59	1.59	24.18	<=33.01	Pass
			50	22.51	1.59	24.10	<=33.01	Pass
		100	0	22.55	1.59	24.14	<=33.01	Pass
16QAM	1860	1	0	23.02	1.59	24.61	<=33.01	Pass
			50	23.33	1.59	24.92	<=33.01	Pass
			99	23.09	1.59	24.68	<=33.01	Pass
		50	0	21.77	1.59	23.36	<=33.01	Pass
			25	21.80	1.59	23.39	<=33.01	Pass
			50	21.77	1.59	23.36	<=33.01	Pass
		100	0	21.56	1.59	23.15	<=33.01	Pass
	1882.5	1	0	22.80	1.59	24.39	<=33.01	Pass
			50	22.79	1.59	24.38	<=33.01	Pass
			99	22.57	1.59	24.16	<=33.01	Pass
		50	0	21.69	1.59	23.28	<=33.01	Pass
			25	21.77	1.59	23.36	<=33.01	Pass
			50	21.64	1.59	23.23	<=33.01	Pass
		100	0	21.60	1.59	23.19	<=33.01	Pass

	1905	1	0	23.37	1.59	24.96	<=33.01	Pass
			50	23.61	1.59	25.20	<=33.01	Pass
			99	23.56	1.59	25.15	<=33.01	Pass
		50	0	21.45	1.59	23.04	<=33.01	Pass
			25	21.53	1.59	23.12	<=33.01	Pass
			50	21.55	1.59	23.14	<=33.01	Pass
		100	0	21.70	1.59	23.29	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 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	3.55	1.316	0.0007	/	Pass
					4	0.672	0.0004	/	Pass
					4.4	1.388	0.0007	/	Pass
				-30	4	1.817	0.0010	/	Pass
				-20	4	1.874	0.0010	/	Pass
				-10	4	1.502	0.0008	/	Pass
				0	4	0.443	0.0002	/	Pass
				10	4	0.887	0.0005	/	Pass
				30	4	1.216	0.0007	/	Pass
				40	4	-0.572	-0.0003	/	Pass
				50	4	1.230	0.0007	/	Pass
	1882.5	100	0	20	3.55	3.176	0.0017	/	Pass
					4	1.702	0.0009	/	Pass
					4.4	2.460	0.0013	/	Pass
				-30	4	1.488	0.0008	/	Pass
				-20	4	1.545	0.0008	/	Pass
				-10	4	2.918	0.0016	/	Pass
				0	4	2.546	0.0014	/	Pass
				10	4	2.017	0.0011	/	Pass
				30	4	1.087	0.0006	/	Pass
				40	4	1.788	0.0009	/	Pass
				50	4	1.359	0.0007	/	Pass
	1905	100	0	20	3.55	2.203	0.0012	/	Pass
					4	1.159	0.0006	/	Pass
					4.4	1.788	0.0009	/	Pass
				-30	4	1.731	0.0009	/	Pass
				-20	4	2.217	0.0012	/	Pass
				-10	4	1.674	0.0009	/	Pass
				0	4	2.174	0.0011	/	Pass
				10	4	2.732	0.0014	/	Pass
				30	4	0.515	0.0003	/	Pass
				40	4	1.130	0.0006	/	Pass
				50	4	0.987	0.0005	/	Pass
16QAM	1860	100	0	20	3.55	1.259	0.0007	/	Pass
					4	-0.057	0.0000	/	Pass
					4.4	1.302	0.0007	/	Pass
				-30	4	1.130	0.0006	/	Pass
				-20	4	0.615	0.0003	/	Pass
				-10	4	0.801	0.0004	/	Pass

				0	4	0.644	0.0003	/	Pass
				10	4	-0.243	-0.0001	/	Pass
				30	4	0.529	0.0003	/	Pass
				40	4	1.202	0.0006	/	Pass
				50	4	-0.215	-0.0001	/	Pass
	1882.5	100	0	20	3.55	1.645	0.0009	/	Pass
					4	1.688	0.0009	/	Pass
					4.4	1.030	0.0005	/	Pass
				-30	4	2.475	0.0013	/	Pass
				-20	4	1.073	0.0006	/	Pass
				-10	4	2.704	0.0014	/	Pass
				0	4	1.287	0.0007	/	Pass
				10	4	1.316	0.0007	/	Pass
				30	4	1.459	0.0008	/	Pass
				40	4	1.359	0.0007	/	Pass
				50	4	1.688	0.0009	/	Pass
	1905	100	0	20	3.55	2.131	0.0011	/	Pass
					4	1.044	0.0005	/	Pass
					4.4	0.615	0.0003	/	Pass
				-30	4	0.658	0.0003	/	Pass
				-20	4	0.944	0.0005	/	Pass
				-10	4	2.518	0.0013	/	Pass
				0	4	1.817	0.0010	/	Pass
				10	4	1.345	0.0007	/	Pass
				30	4	0.758	0.0004	/	Pass
				40	4	0.687	0.0004	/	Pass
				50	4	0.472	0.0002	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 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	1.104	/	Pass
		1882.5	6	0	1.109	/	Pass
		1914.3	6	0	1.114	/	Pass
	16QAM	1850.7	6	0	1.115	/	Pass
		1882.5	6	0	1.121	/	Pass
		1914.3	6	0	1.114	/	Pass
3	QPSK	1851.5	15	0	2.758	/	Pass
		1882.5	15	0	2.743	/	Pass
		1913.5	15	0	2.739	/	Pass
	16QAM	1851.5	15	0	2.729	/	Pass
		1882.5	15	0	2.738	/	Pass
		1913.5	15	0	2.736	/	Pass
5	QPSK	1852.5	25	0	4.551	/	Pass
		1882.5	25	0	4.539	/	Pass
		1912.5	25	0	4.538	/	Pass
	16QAM	1852.5	25	0	4.542	/	Pass
		1882.5	25	0	4.552	/	Pass
		1912.5	25	0	4.549	/	Pass
10	QPSK	1855	50	0	9.030	/	Pass
		1882.5	50	0	9.022	/	Pass
		1910	50	0	9.055	/	Pass
	16QAM	1855	50	0	9.026	/	Pass
		1882.5	50	0	9.037	/	Pass
		1910	50	0	9.048	/	Pass
15	QPSK	1857.5	75	0	13.535	/	Pass
		1882.5	75	0	13.513	/	Pass
		1907.5	75	0	13.513	/	Pass
	16QAM	1857.5	75	0	13.514	/	Pass
		1882.5	75	0	13.536	/	Pass
		1907.5	75	0	13.504	/	Pass
20	QPSK	1860	100	0	18.046	/	Pass
		1882.5	100	0	17.982	/	Pass
		1905	100	0	18.007	/	Pass
	16QAM	1860	100	0	18.024	/	Pass
		1882.5	100	0	18.002	/	Pass
		1905	100	0	18.033	/	Pass

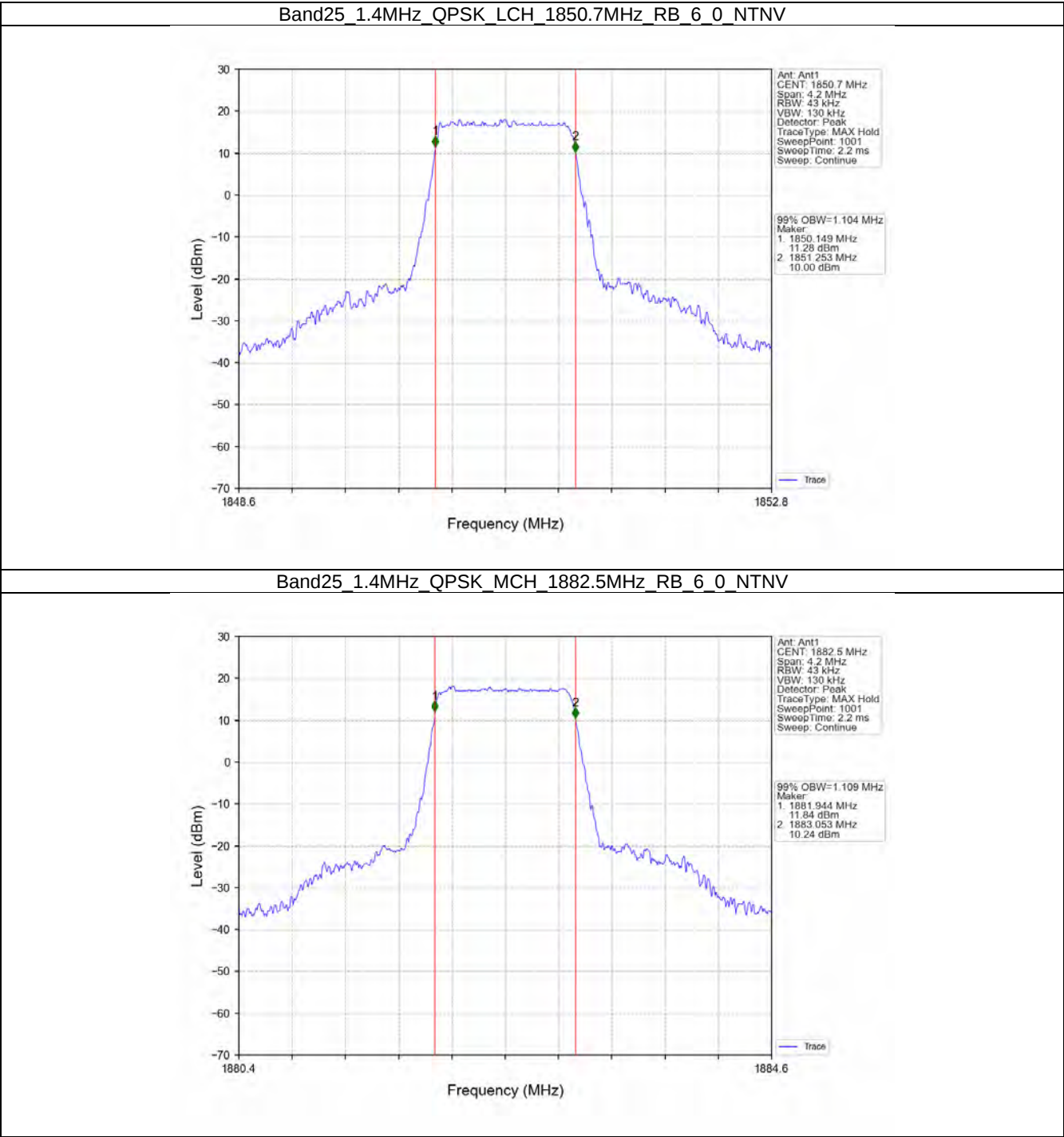
3.1.2 Band25_XDB

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	1.323	/	Pass
		1882.5	6	0	1.314	/	Pass
		1914.3	6	0	1.324	/	Pass
	16QAM	1850.7	6	0	1.313	/	Pass
		1882.5	6	0	1.315	/	Pass
		1914.3	6	0	1.302	/	Pass

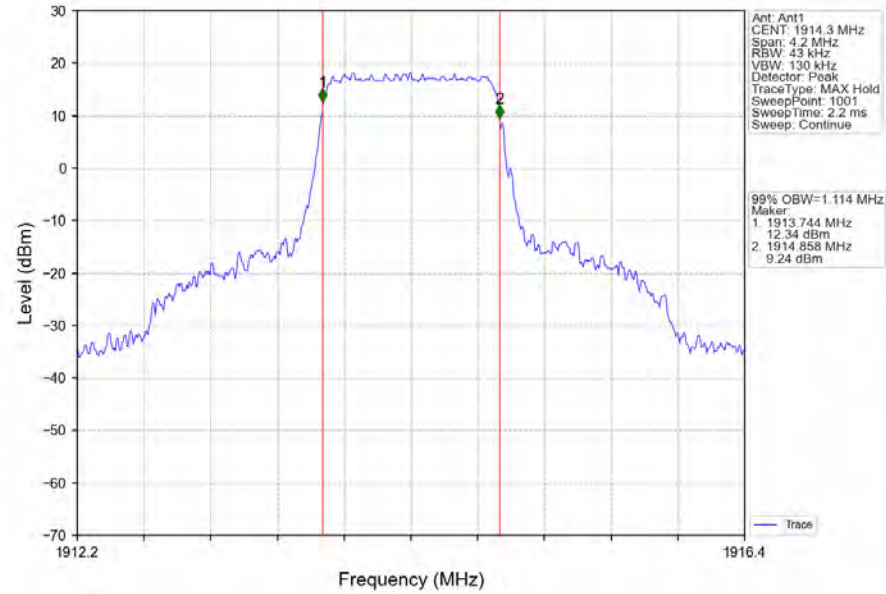
3	QPSK	1851.5	15	0	3.054	/	Pass
		1882.5	15	0	3.028	/	Pass
		1913.5	15	0	3.063	/	Pass
	16QAM	1851.5	15	0	3.053	/	Pass
		1882.5	15	0	3.038	/	Pass
		1913.5	15	0	3.042	/	Pass
5	QPSK	1852.5	25	0	5.060	/	Pass
		1882.5	25	0	5.050	/	Pass
		1912.5	25	0	5.044	/	Pass
	16QAM	1852.5	25	0	5.073	/	Pass
		1882.5	25	0	5.056	/	Pass
		1912.5	25	0	5.099	/	Pass
10	QPSK	1855	50	0	10.077	/	Pass
		1882.5	50	0	10.103	/	Pass
		1910	50	0	10.000	/	Pass
	16QAM	1855	50	0	9.991	/	Pass
		1882.5	50	0	10.004	/	Pass
		1910	50	0	10.009	/	Pass
15	QPSK	1857.5	75	0	15.031	/	Pass
		1882.5	75	0	14.936	/	Pass
		1907.5	75	0	14.857	/	Pass
	16QAM	1857.5	75	0	14.930	/	Pass
		1882.5	75	0	14.878	/	Pass
		1907.5	75	0	14.939	/	Pass
20	QPSK	1860	100	0	19.790	/	Pass
		1882.5	100	0	19.804	/	Pass
		1905	100	0	19.787	/	Pass
	16QAM	1860	100	0	19.632	/	Pass
		1882.5	100	0	19.722	/	Pass
		1905	100	0	19.775	/	Pass

4.2 Test Graph

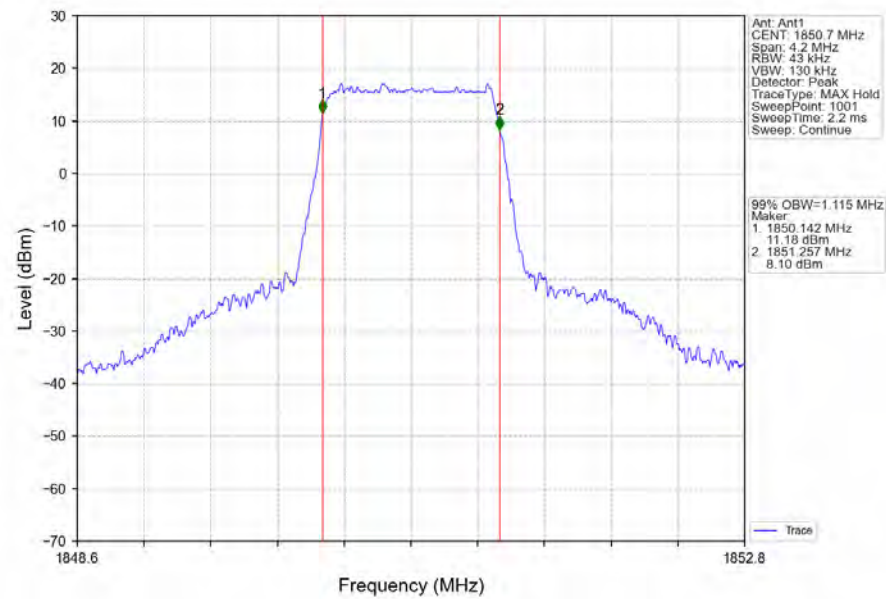
4.2.1 Band25_OBW



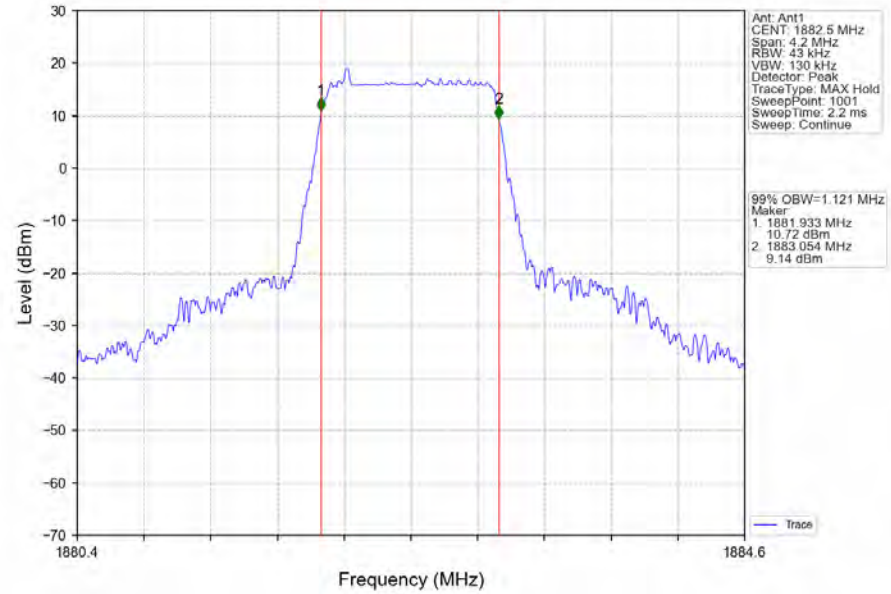
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



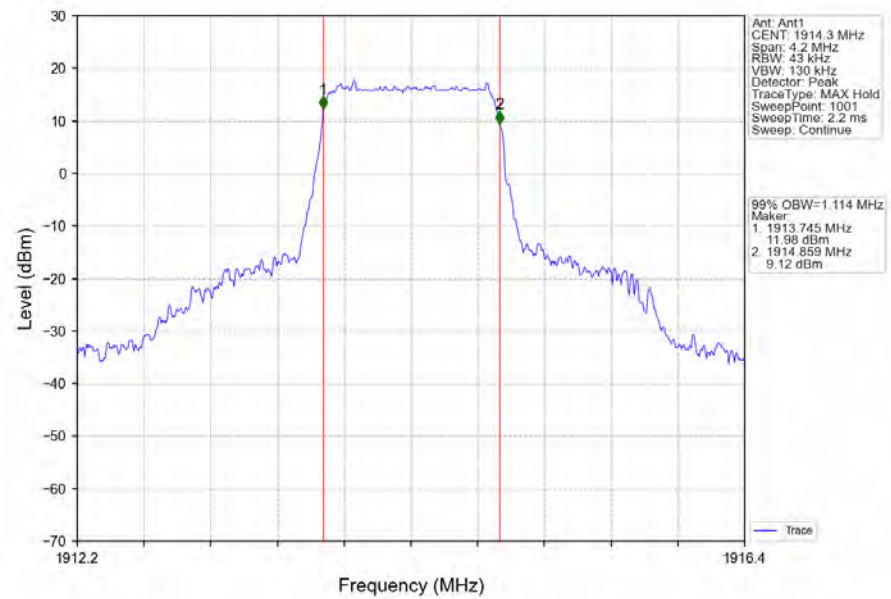
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



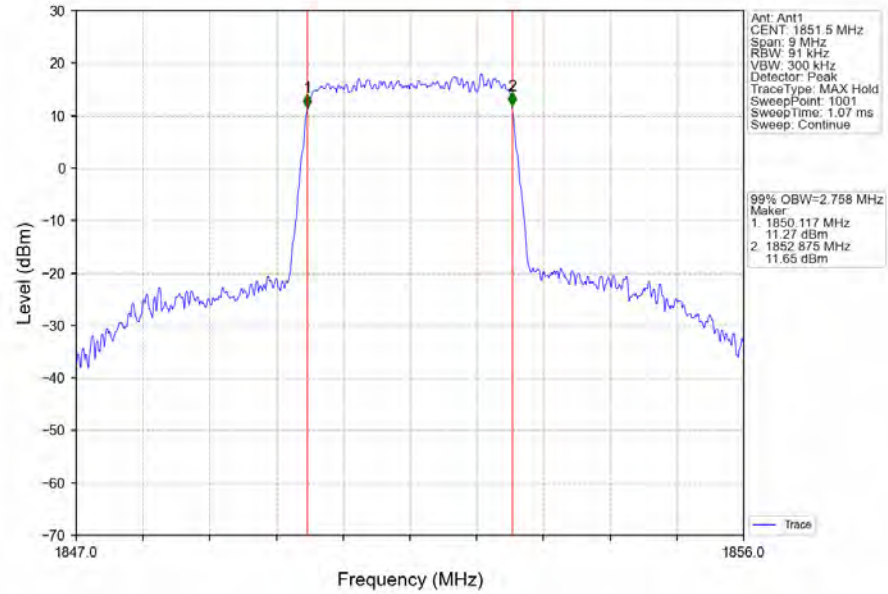
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



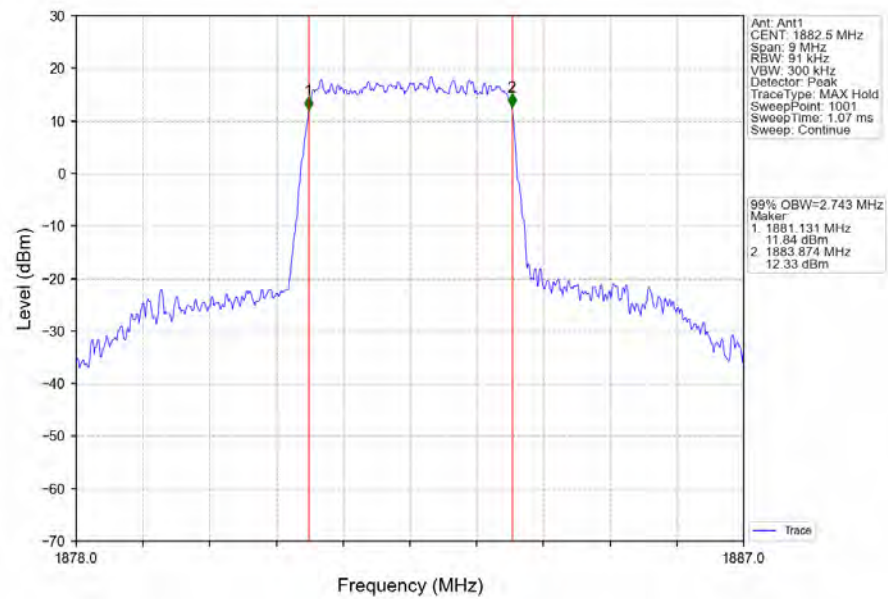
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



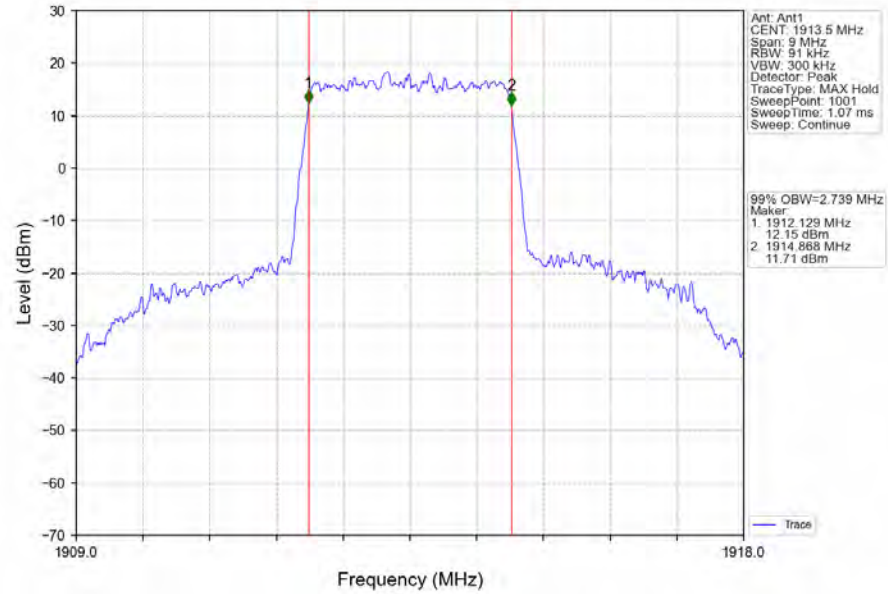
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



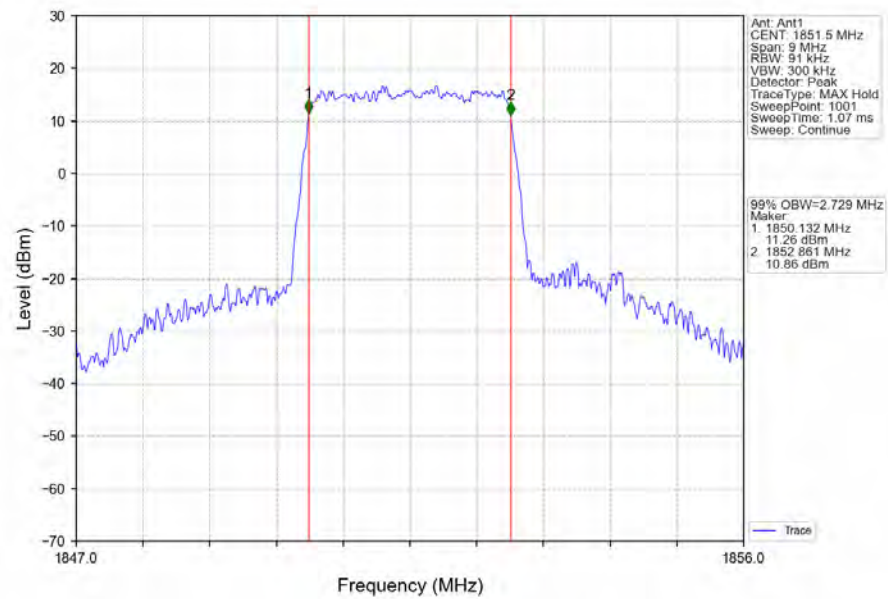
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



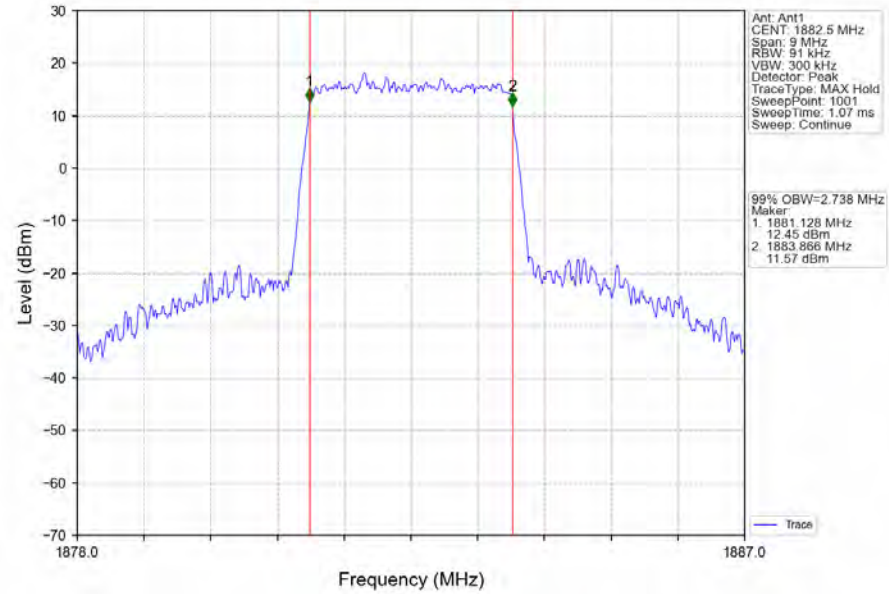
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



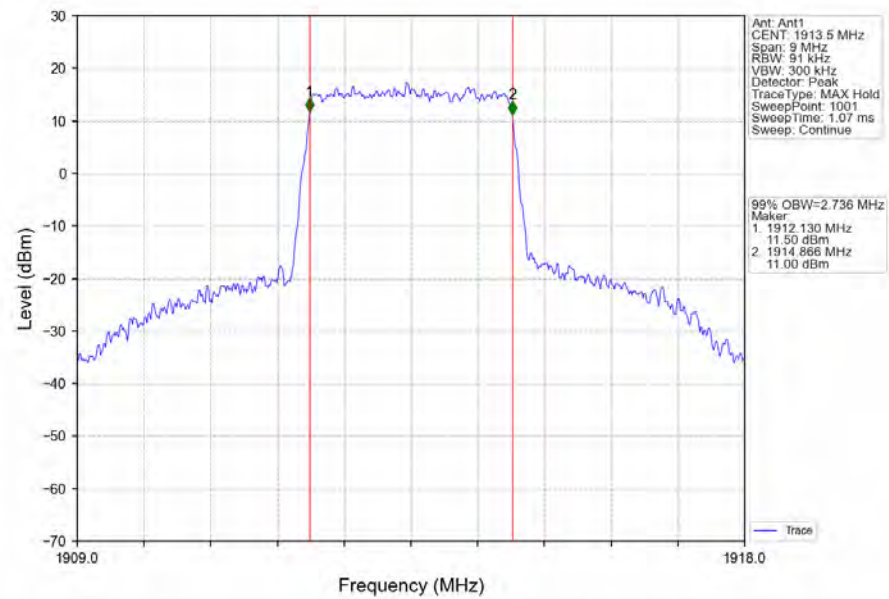
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



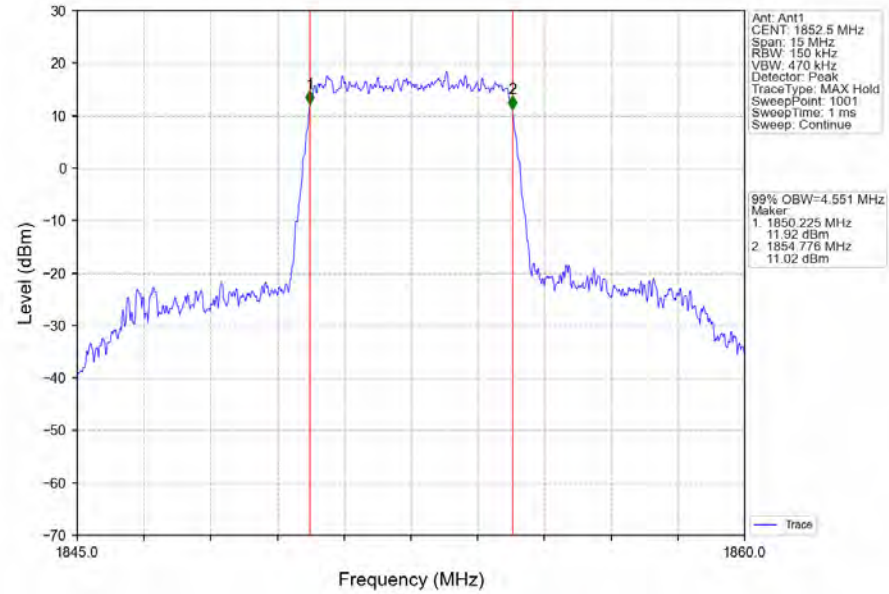
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



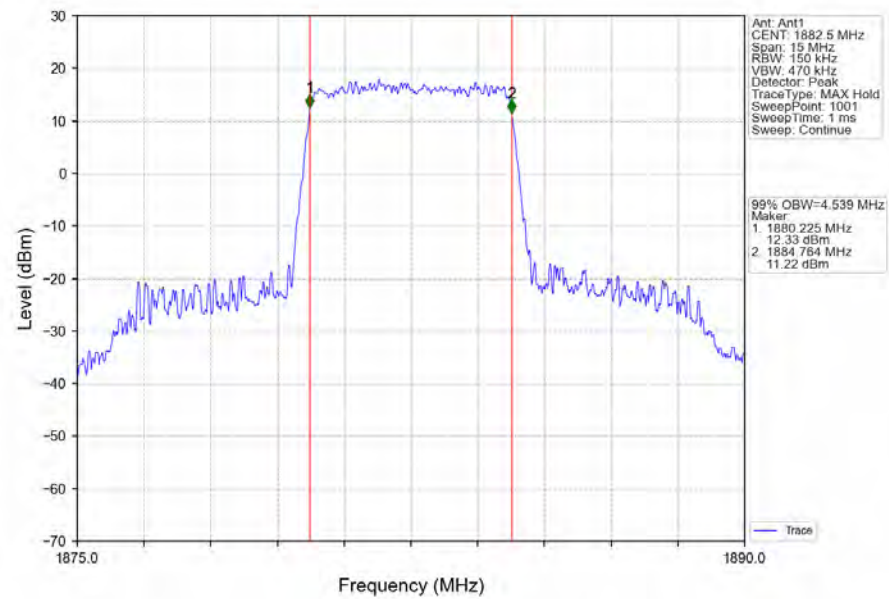
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



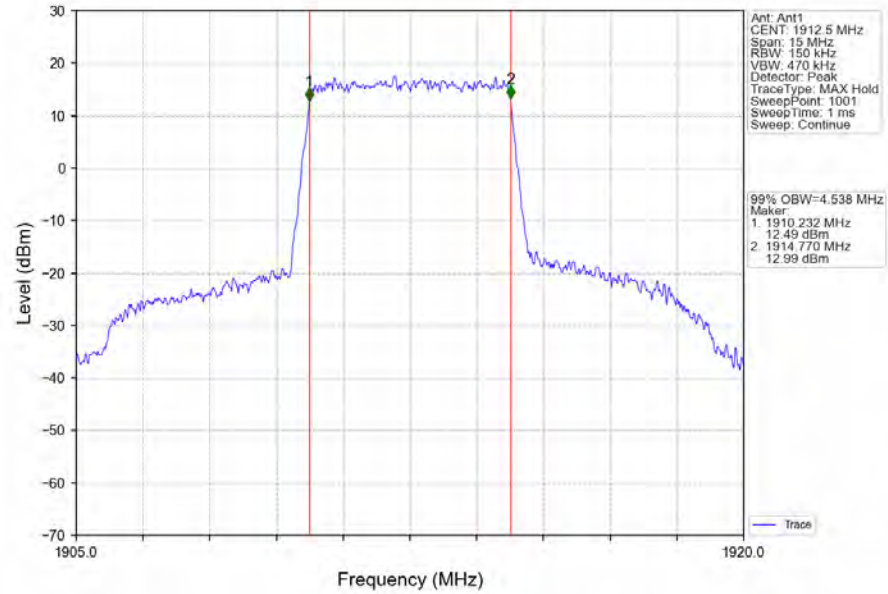
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



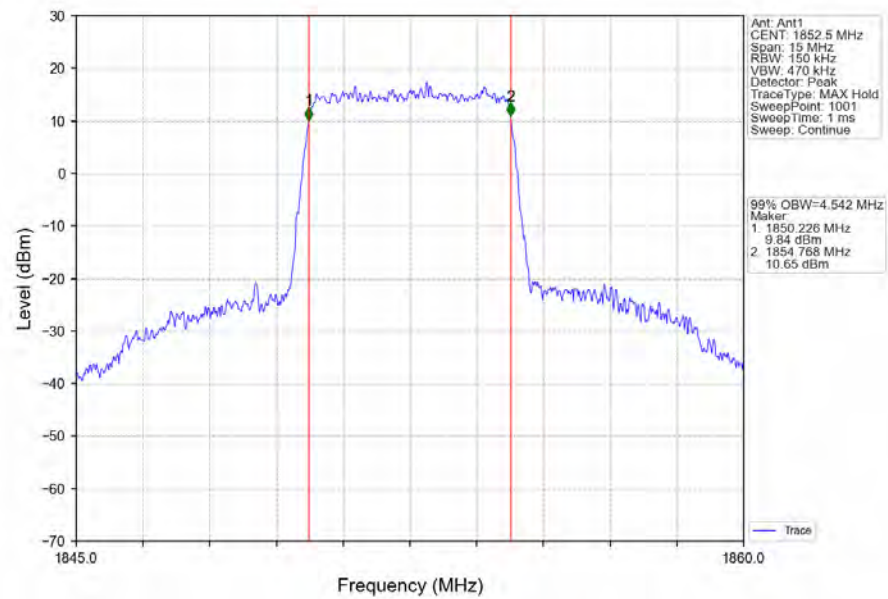
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



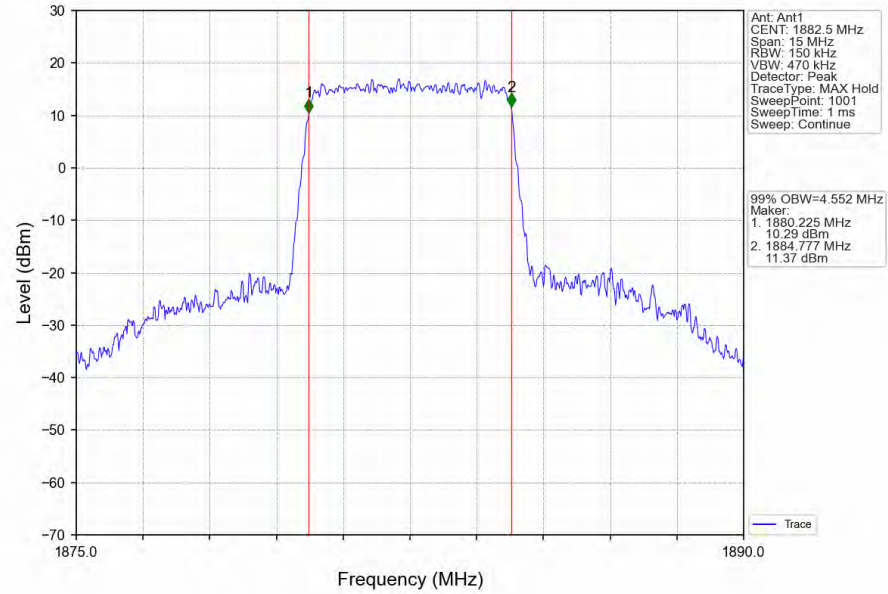
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



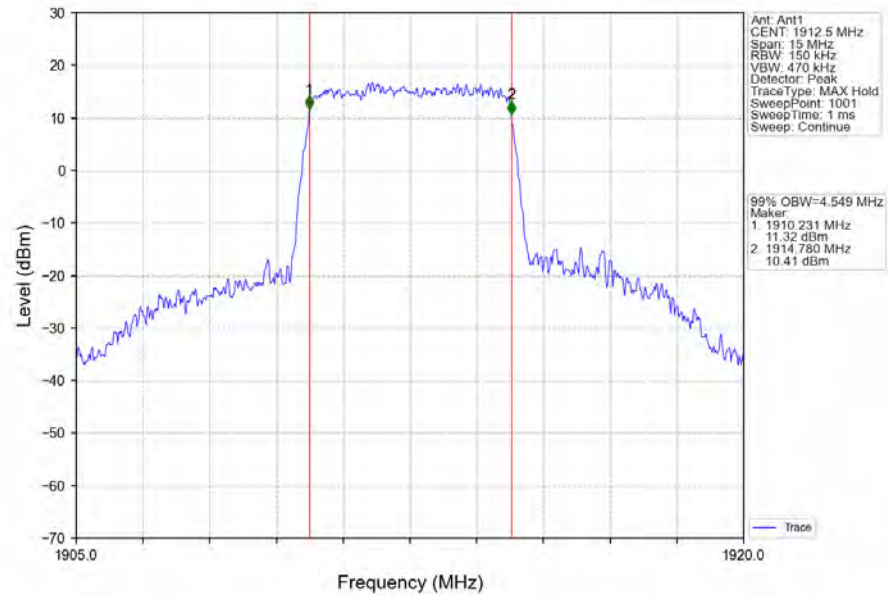
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



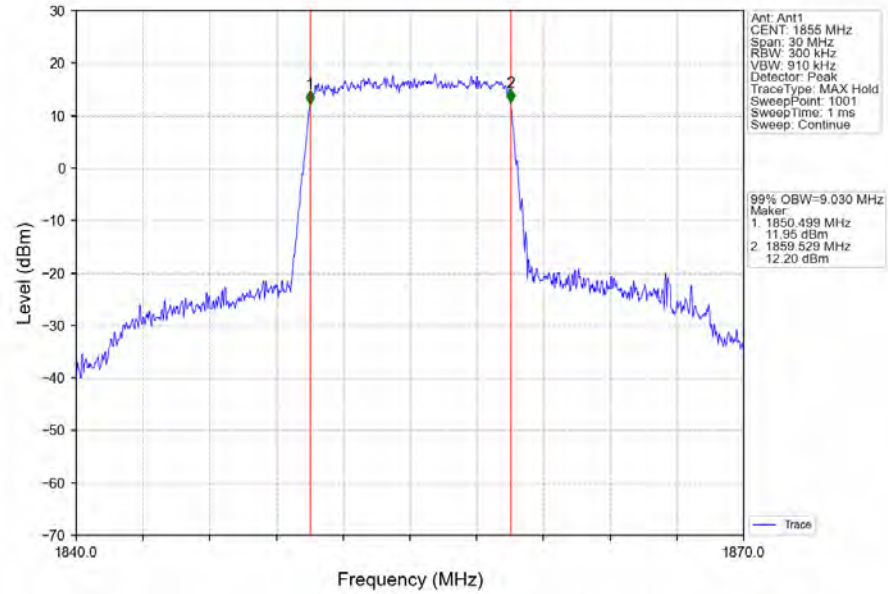
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



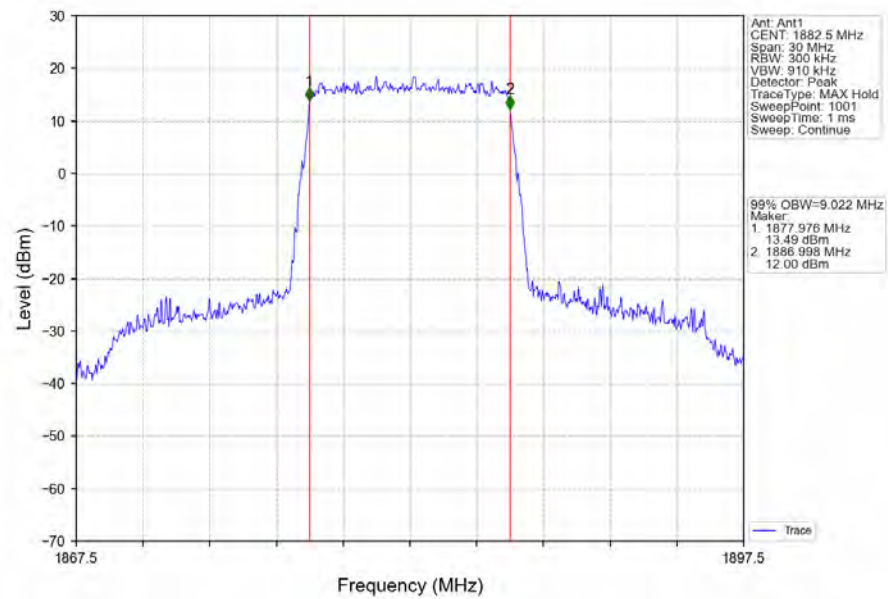
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



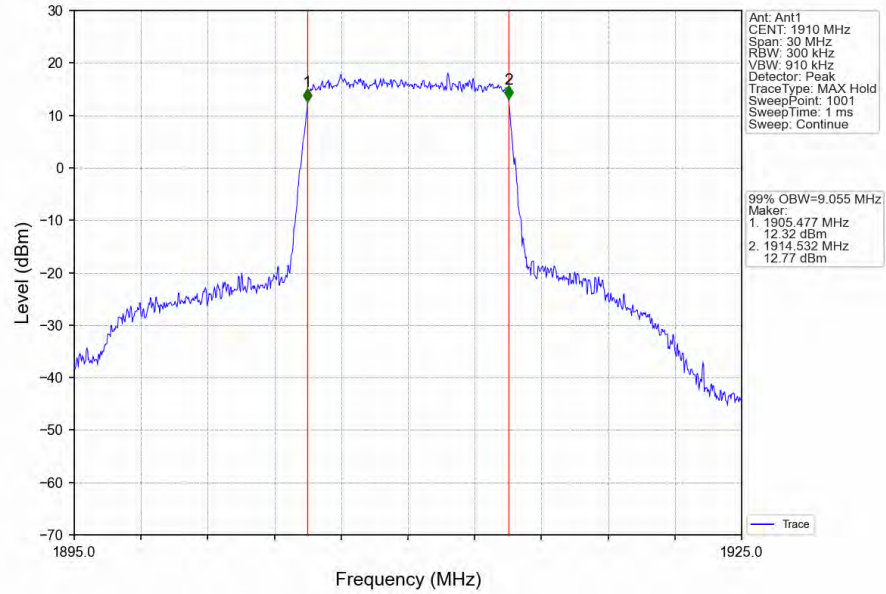
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



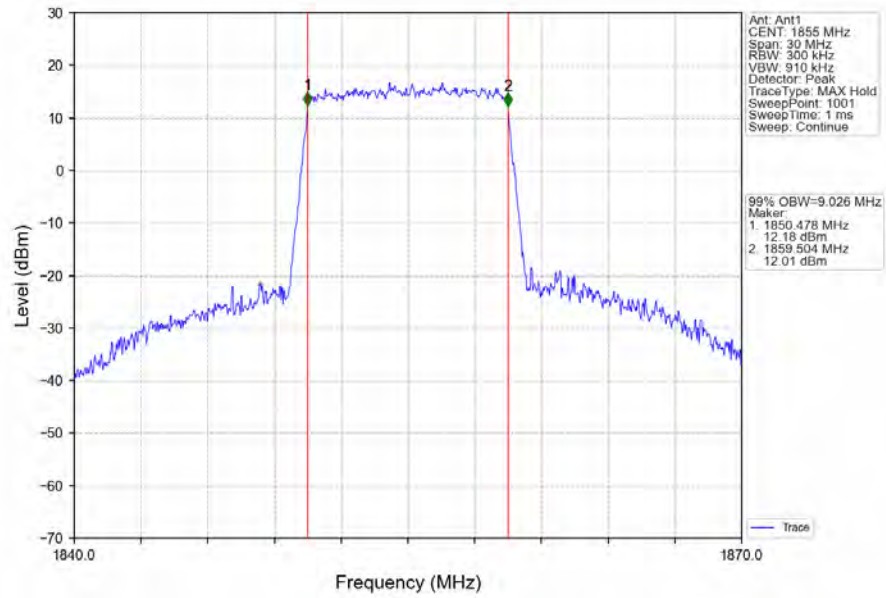
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



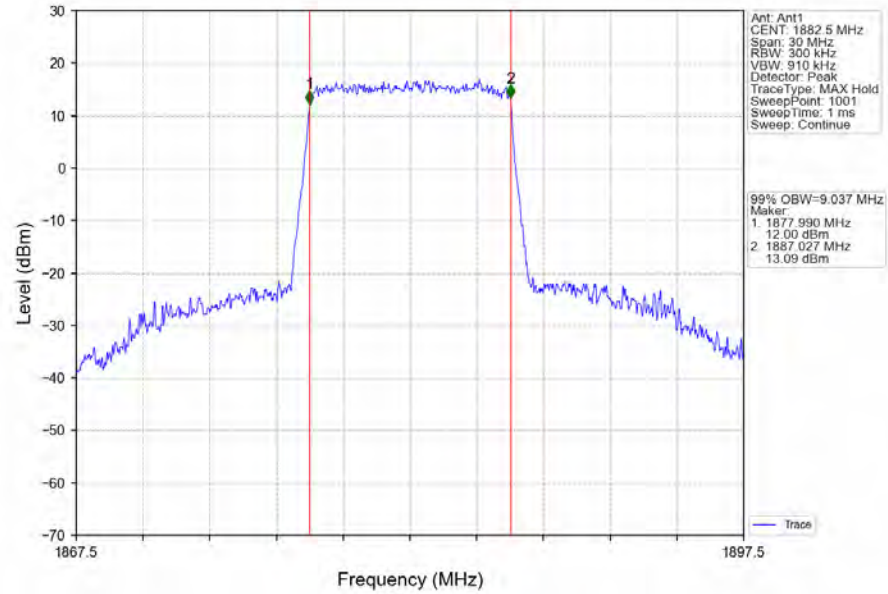
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



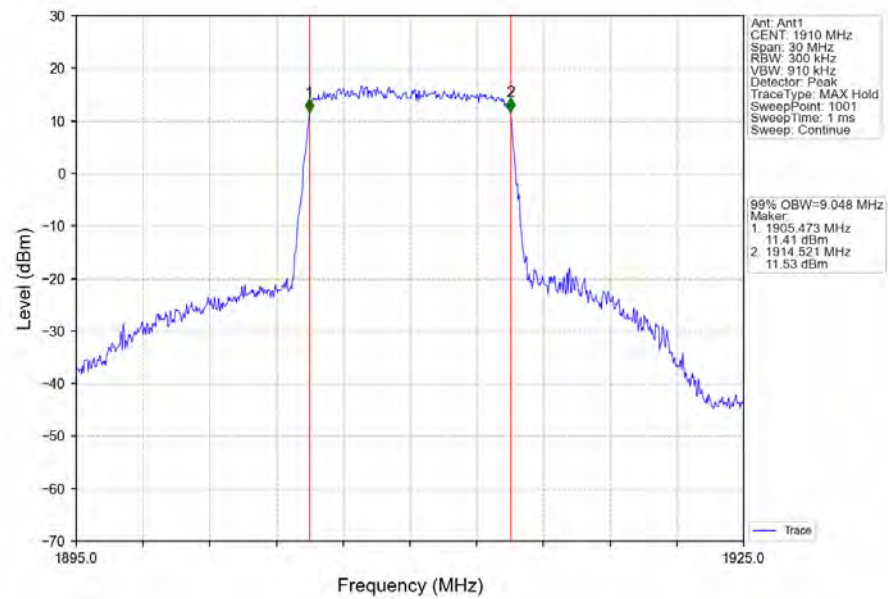
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



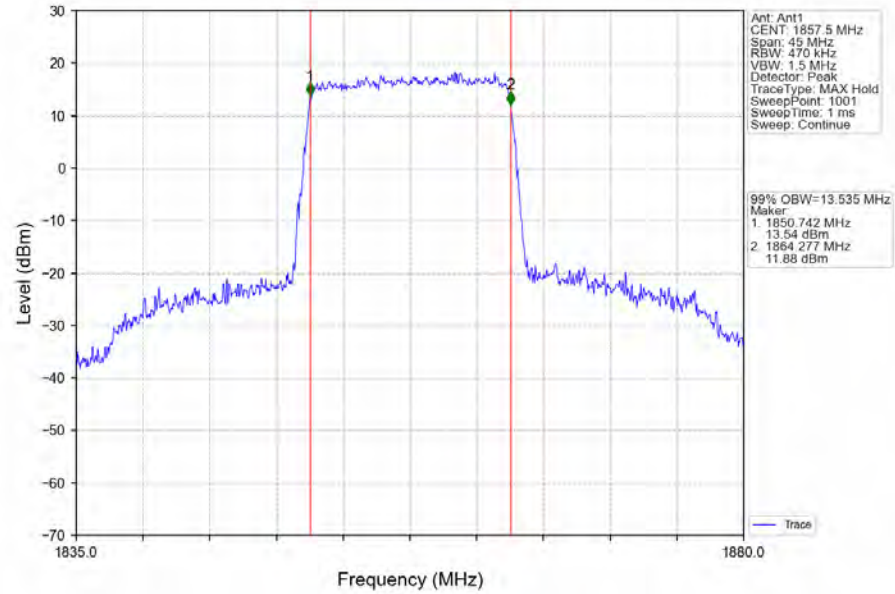
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



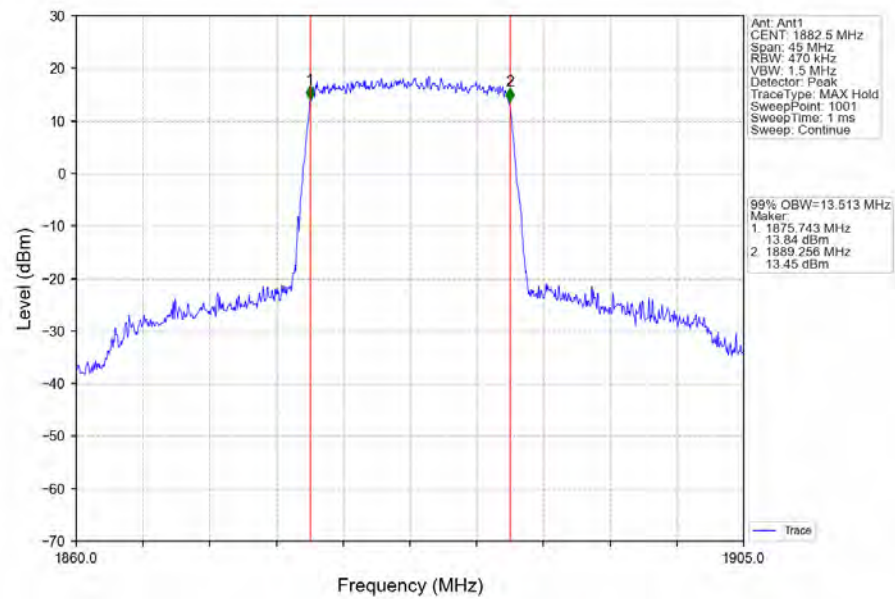
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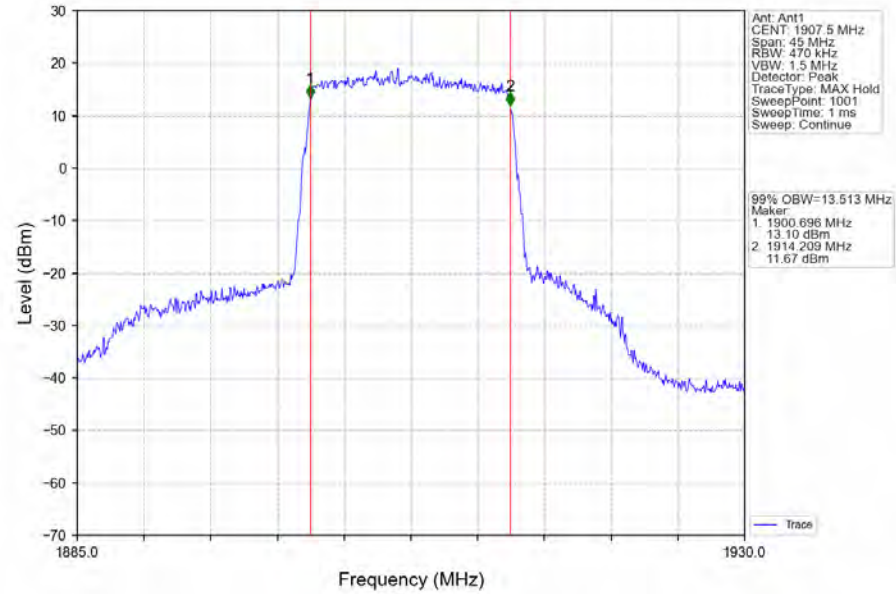
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



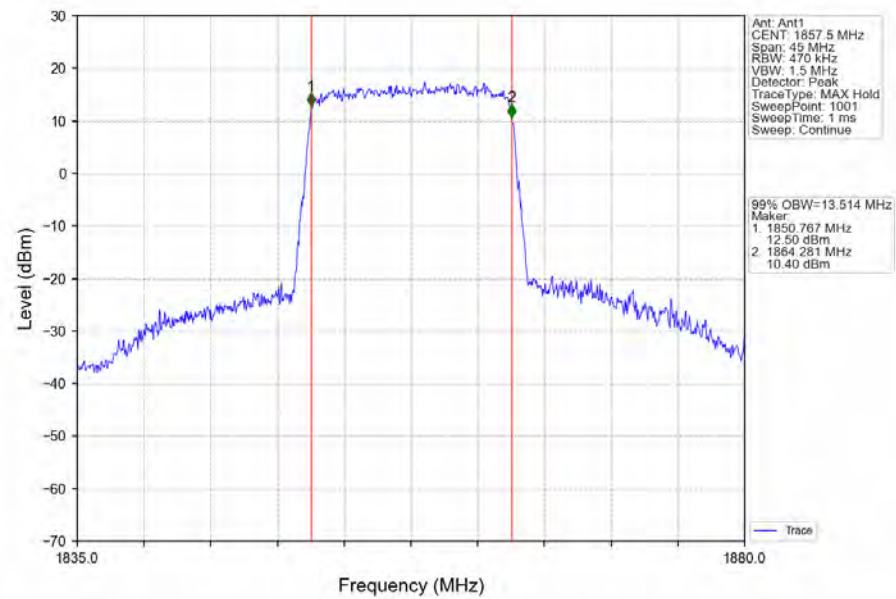
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



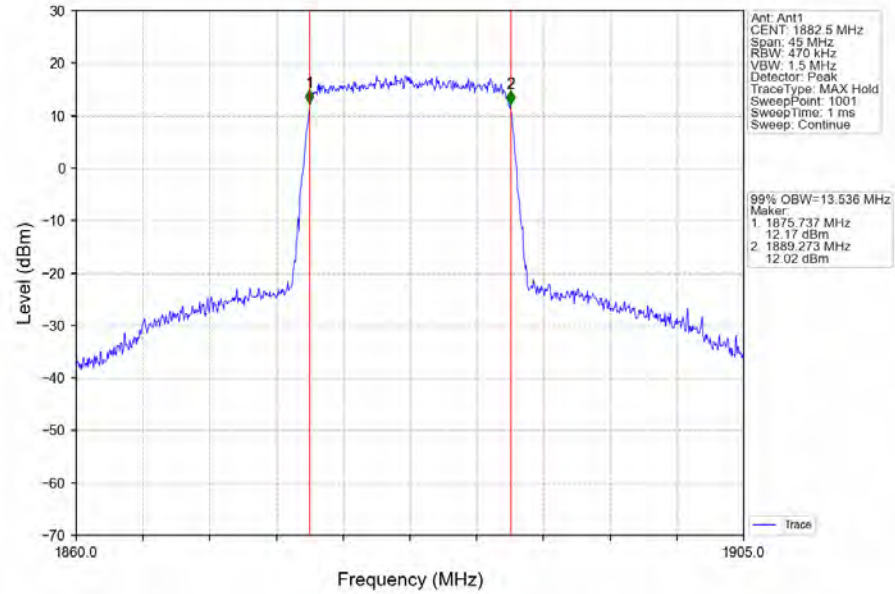
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



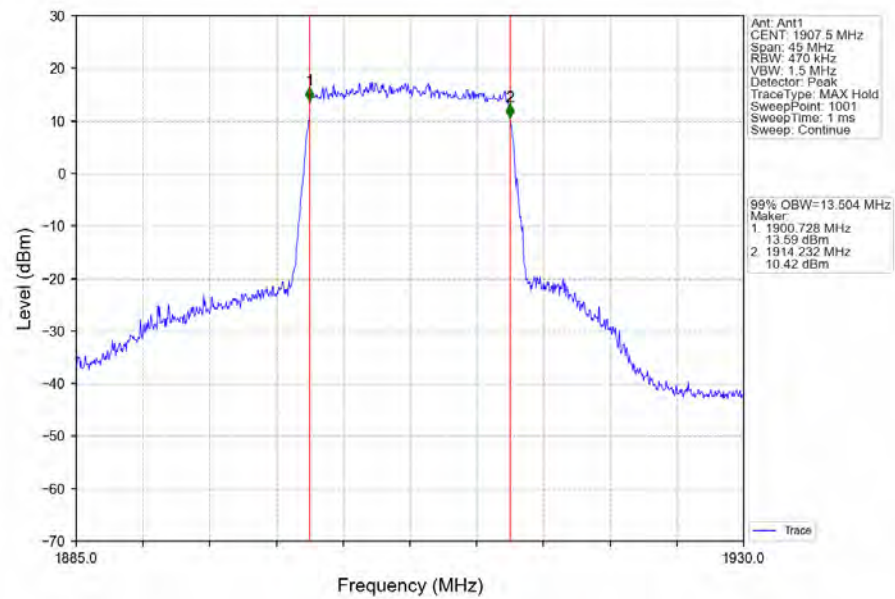
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



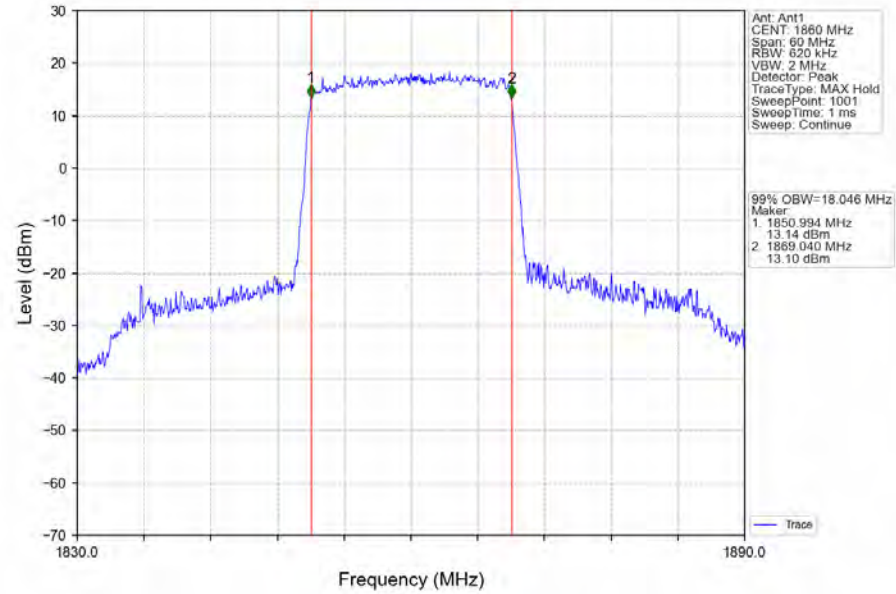
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



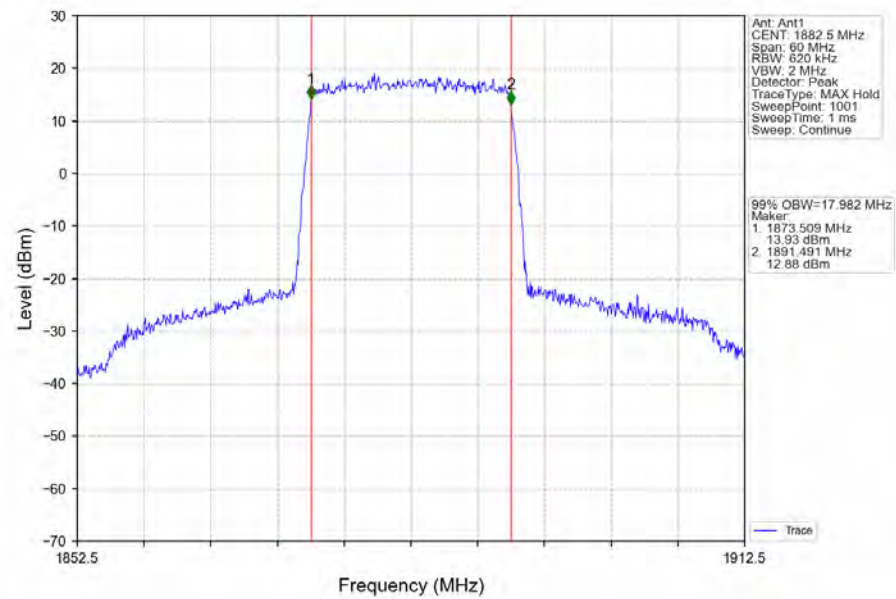
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



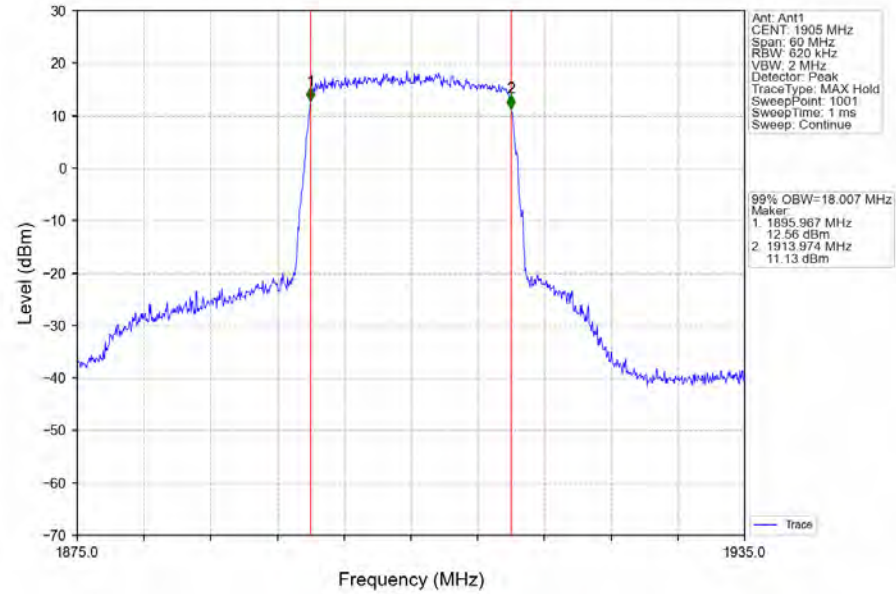
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



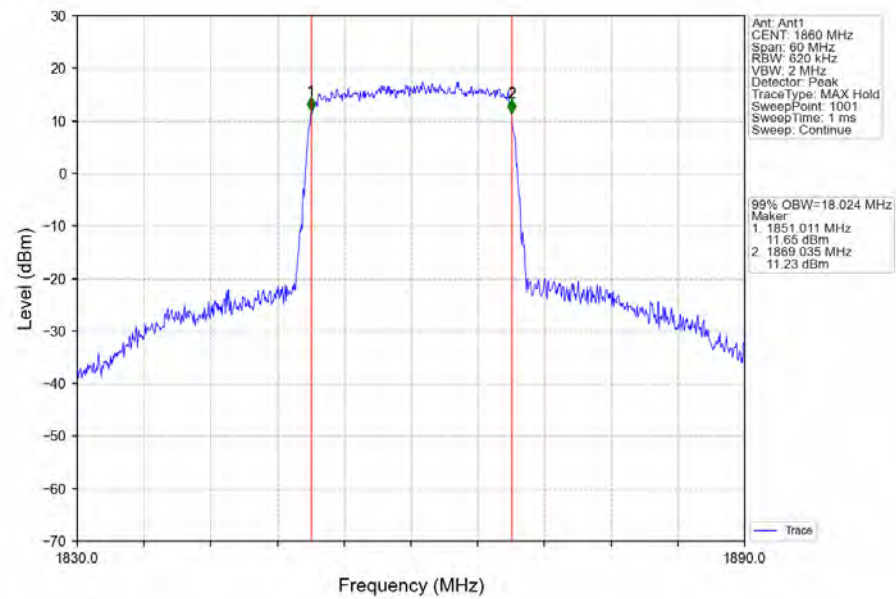
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



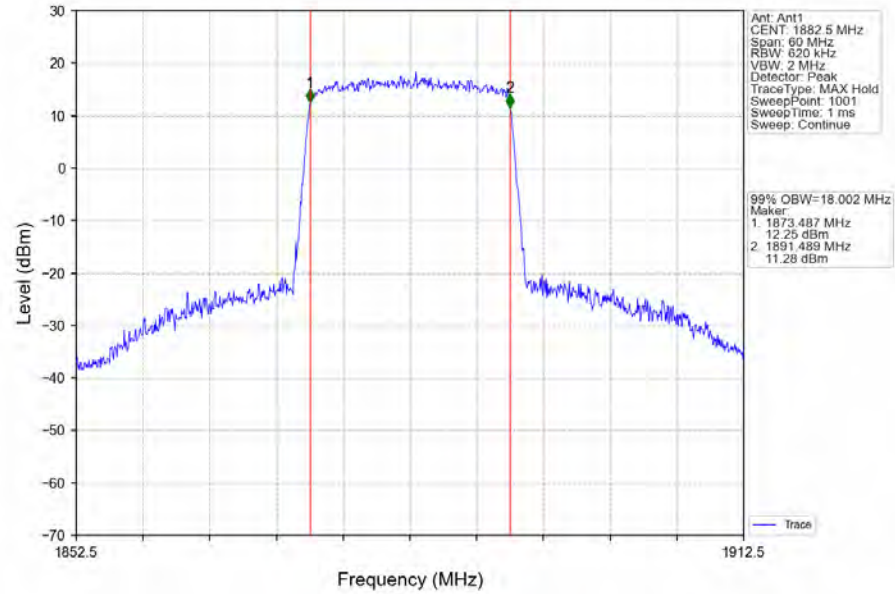
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



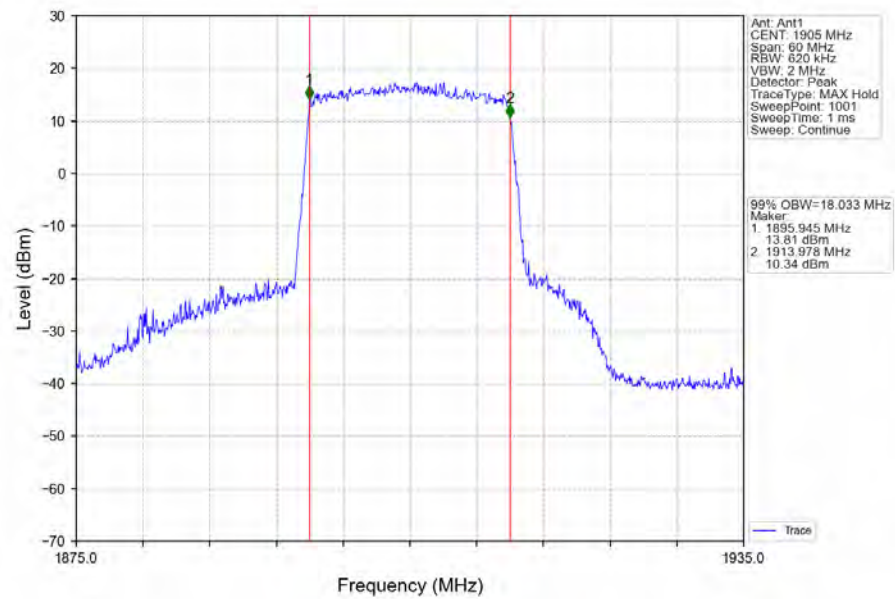
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



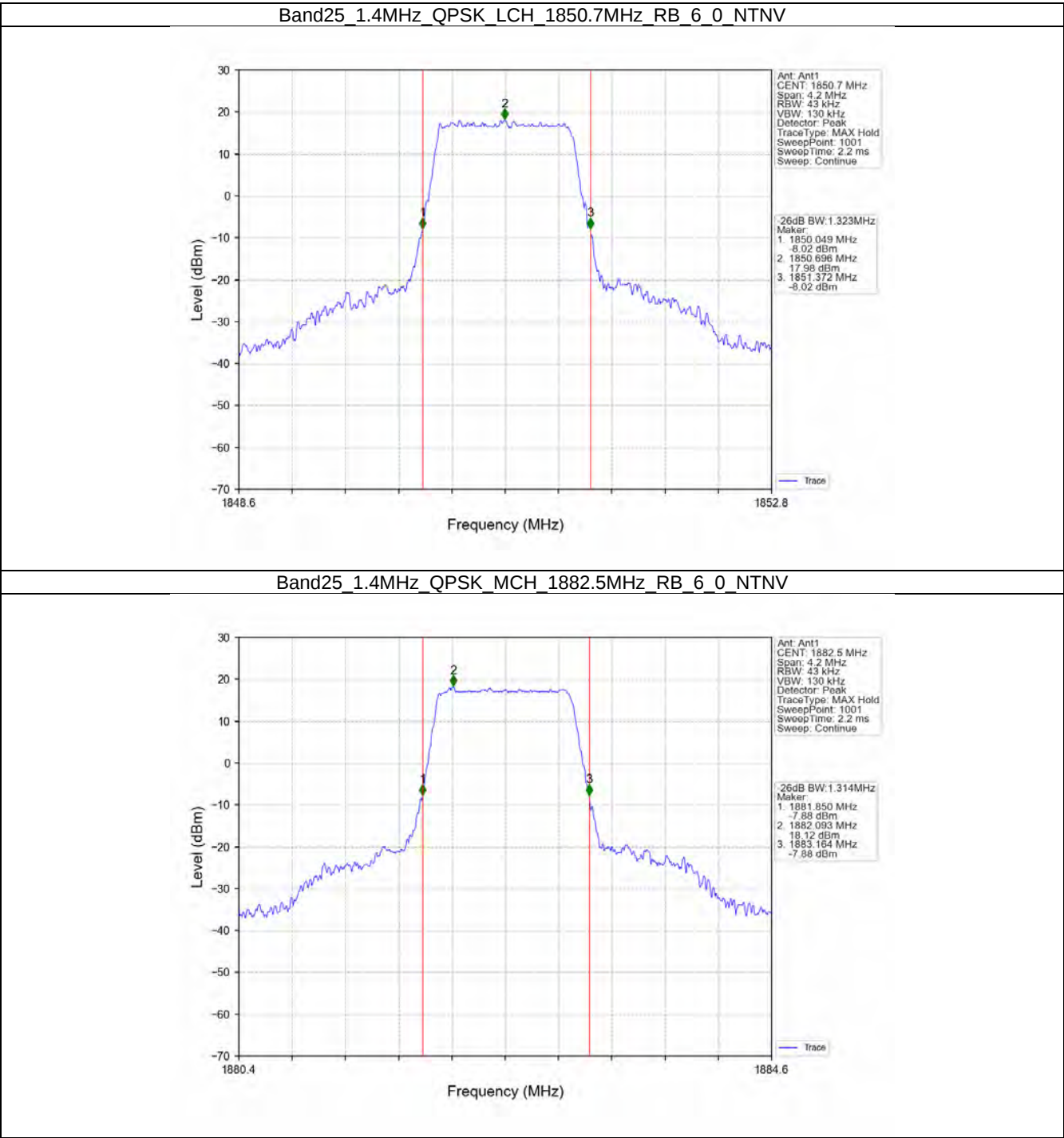
Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



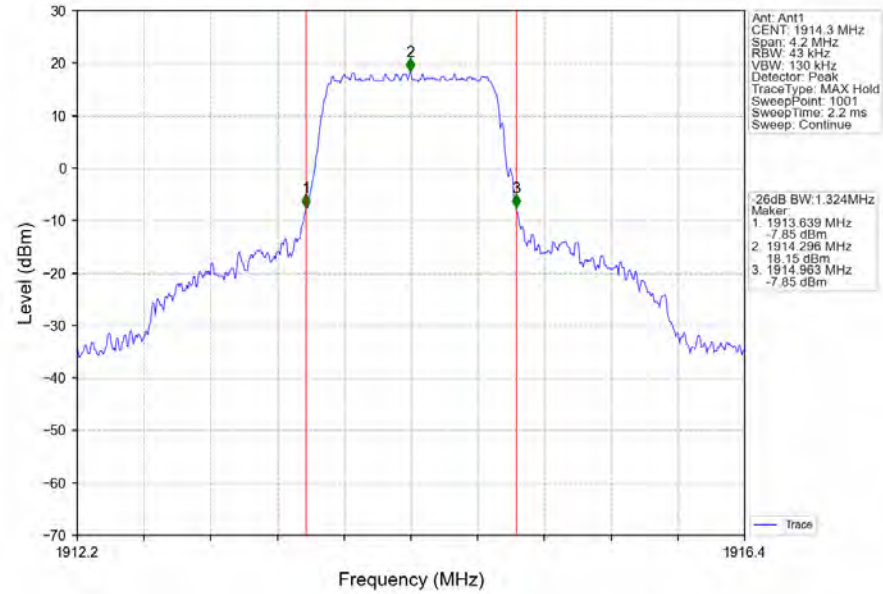
Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



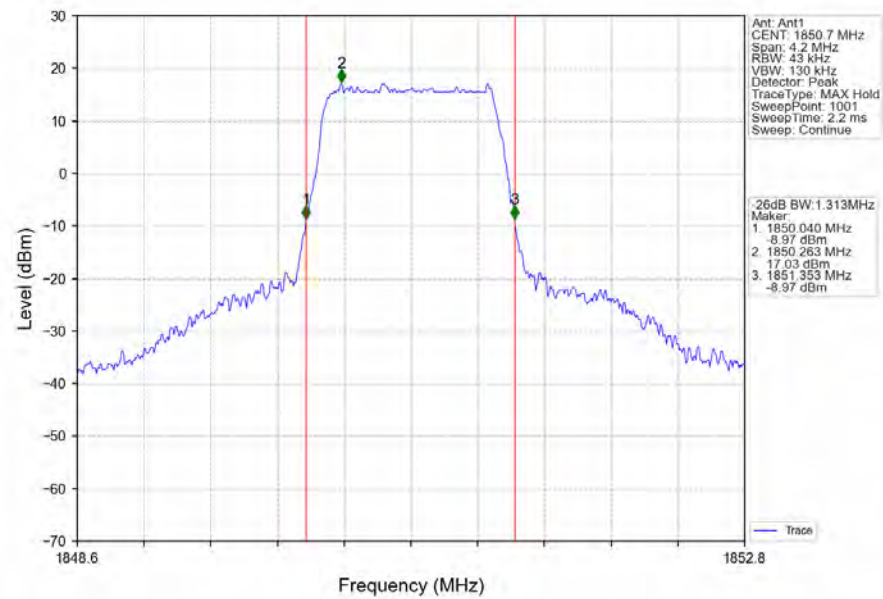
4.2.2 Band25_XDB



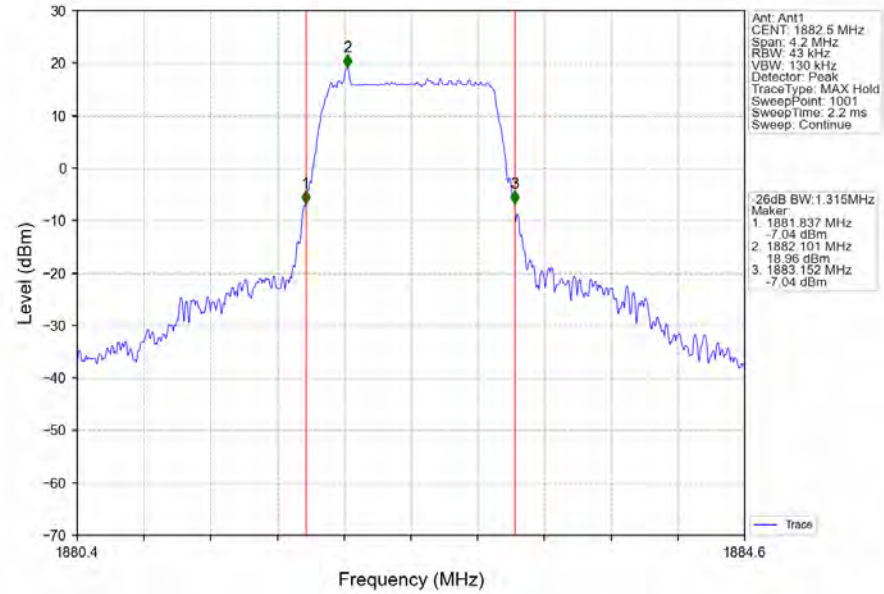
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



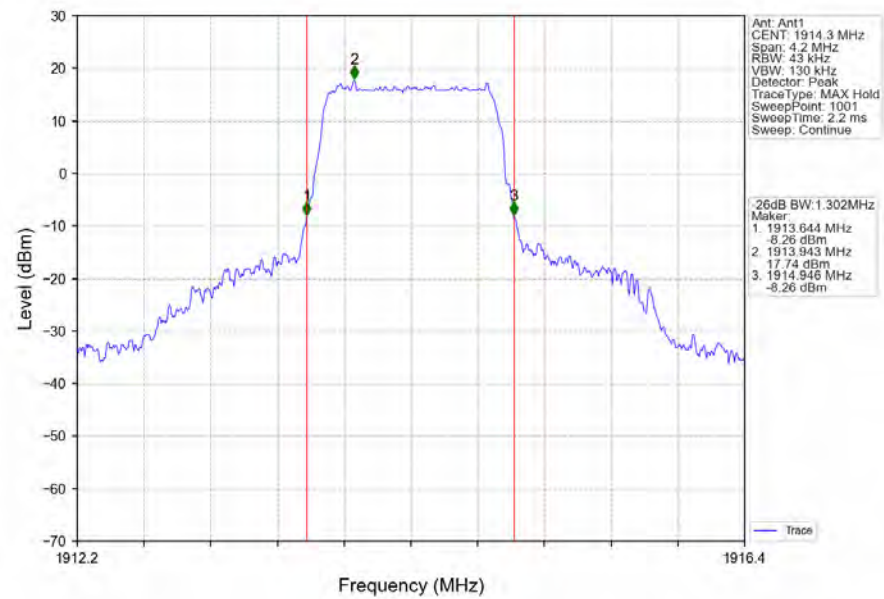
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



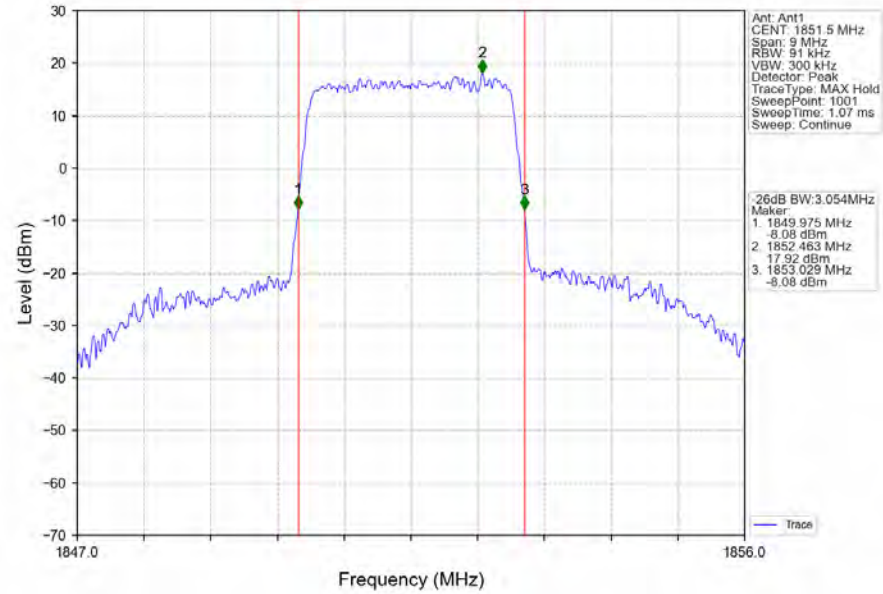
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



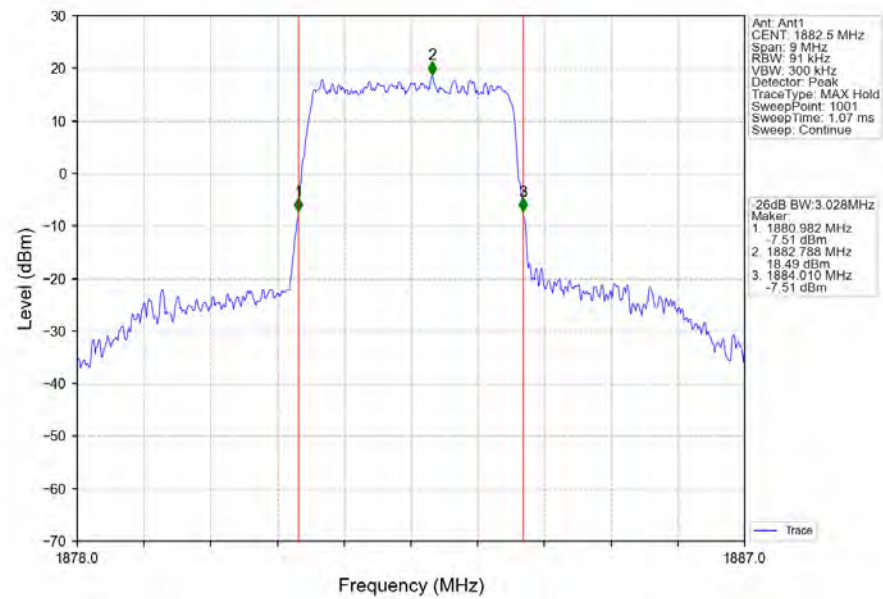
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



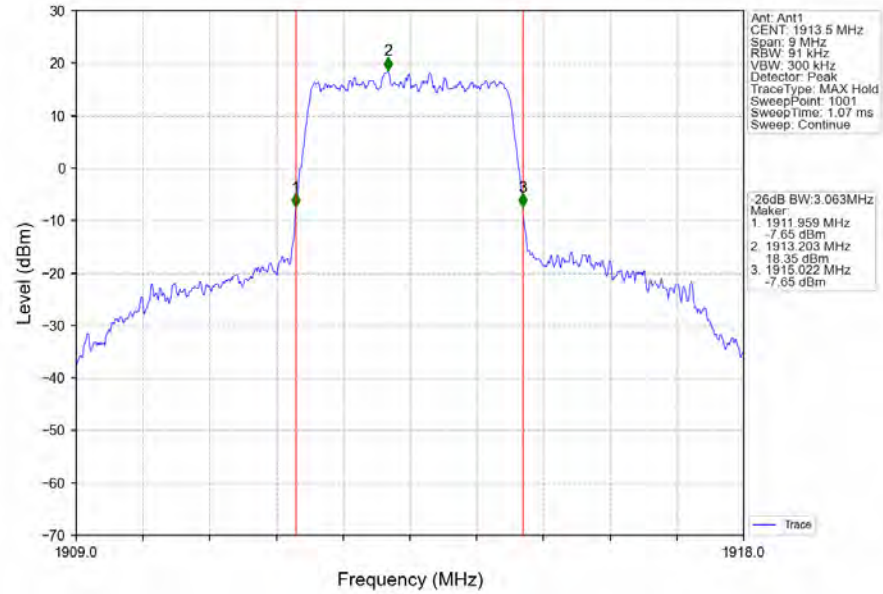
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



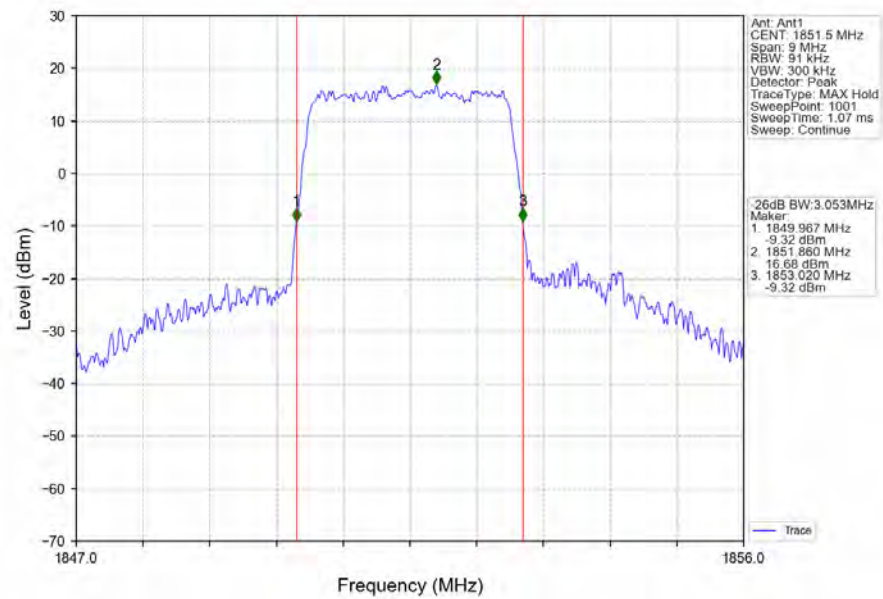
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



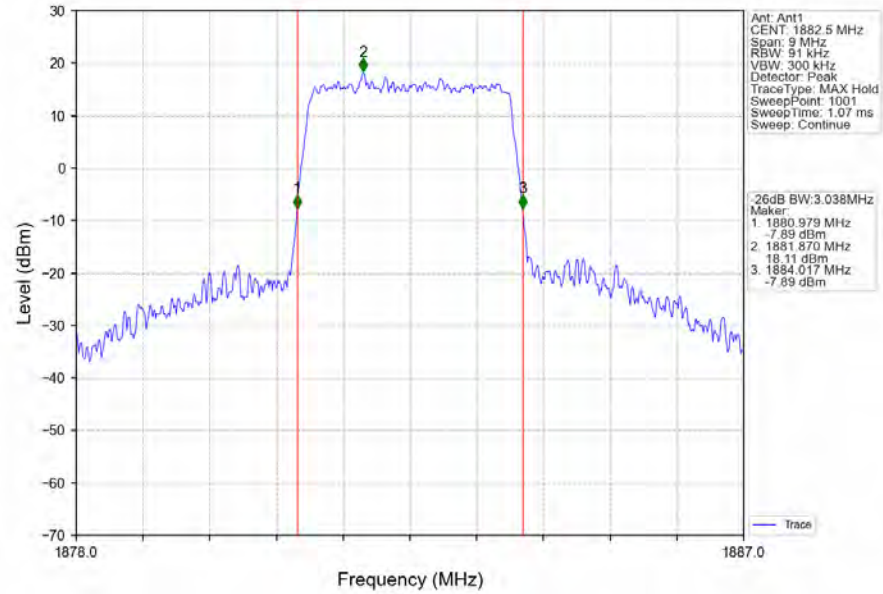
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



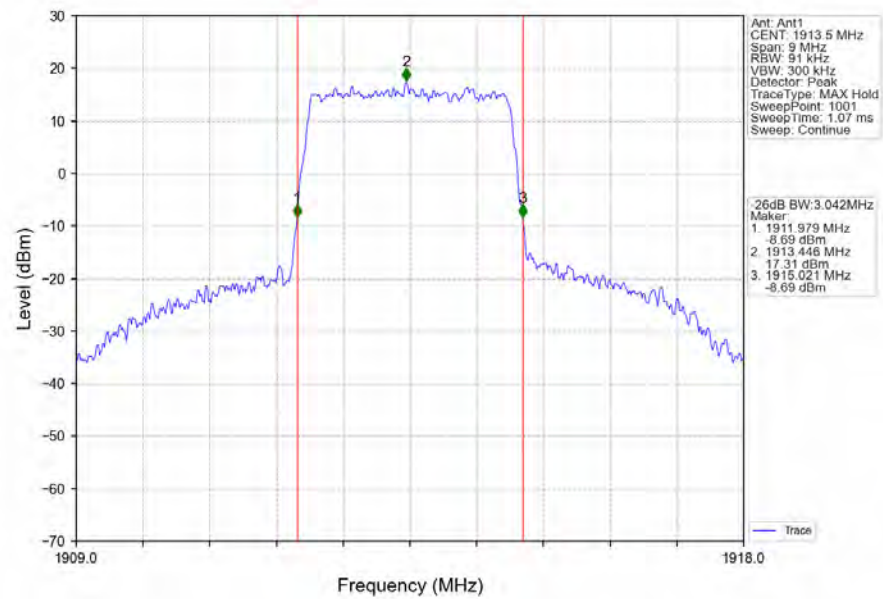
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



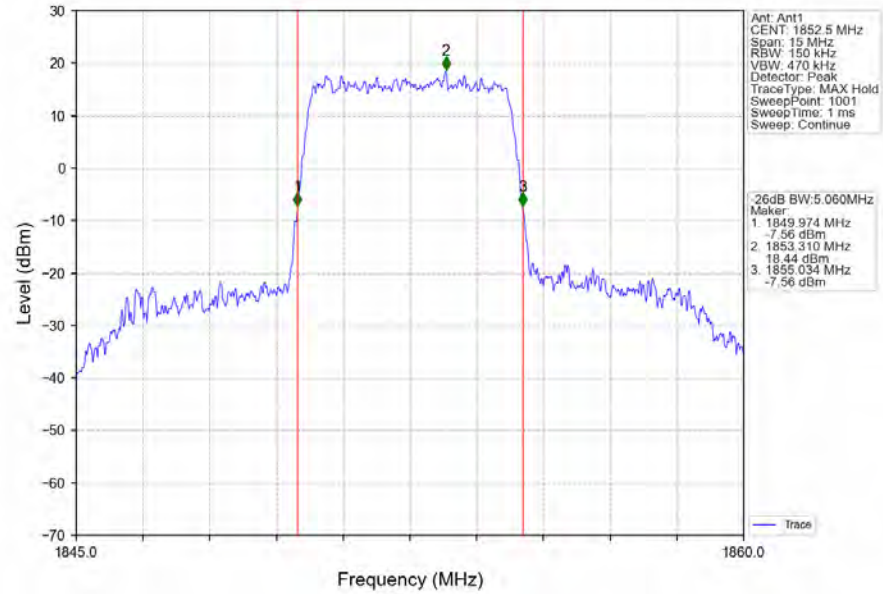
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



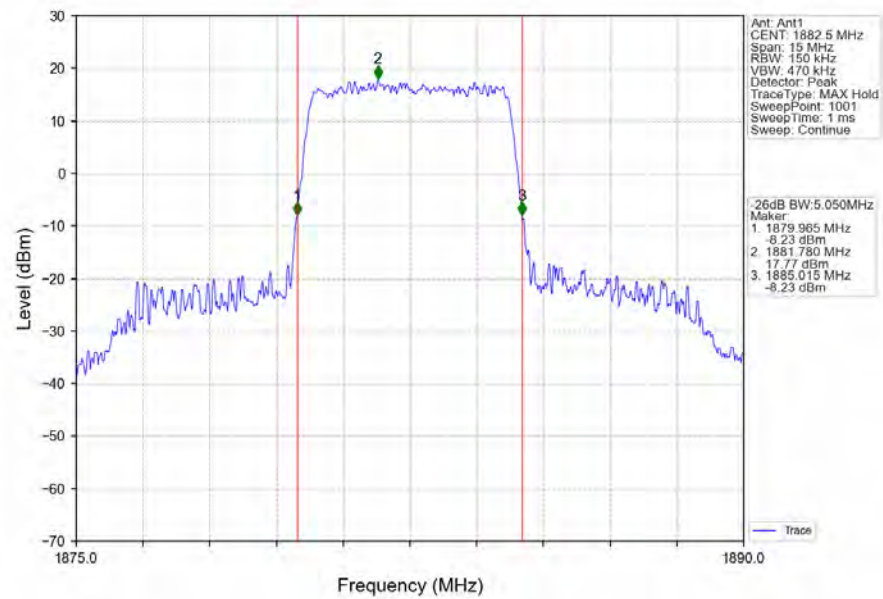
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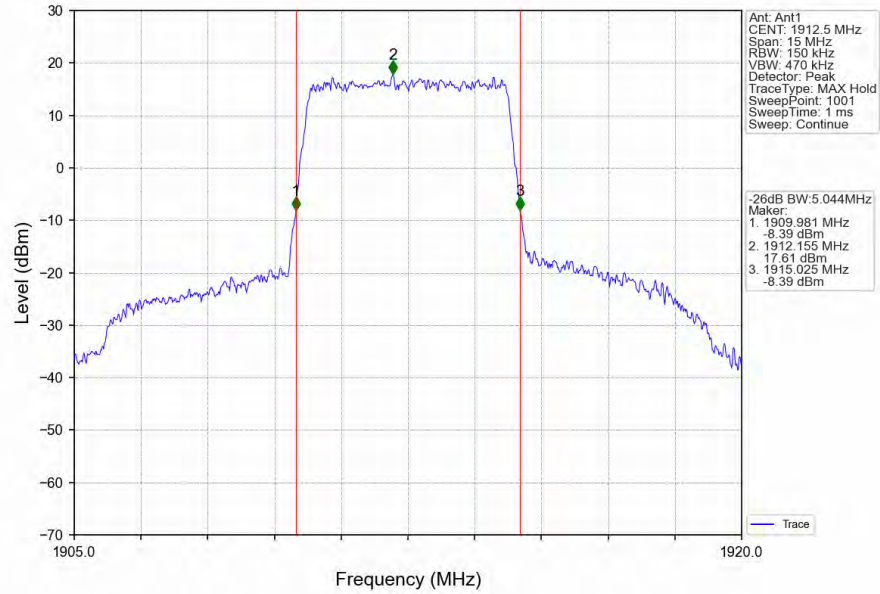
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



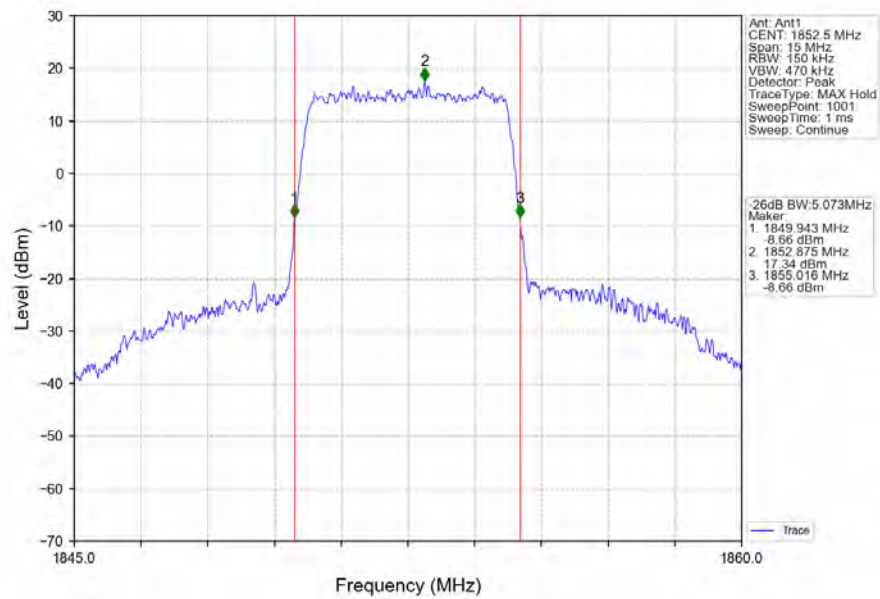
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



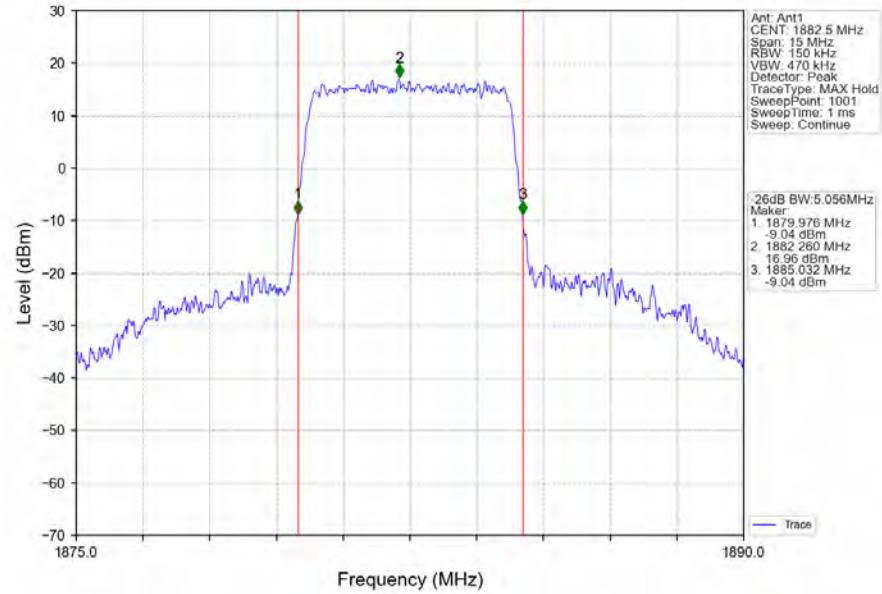
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



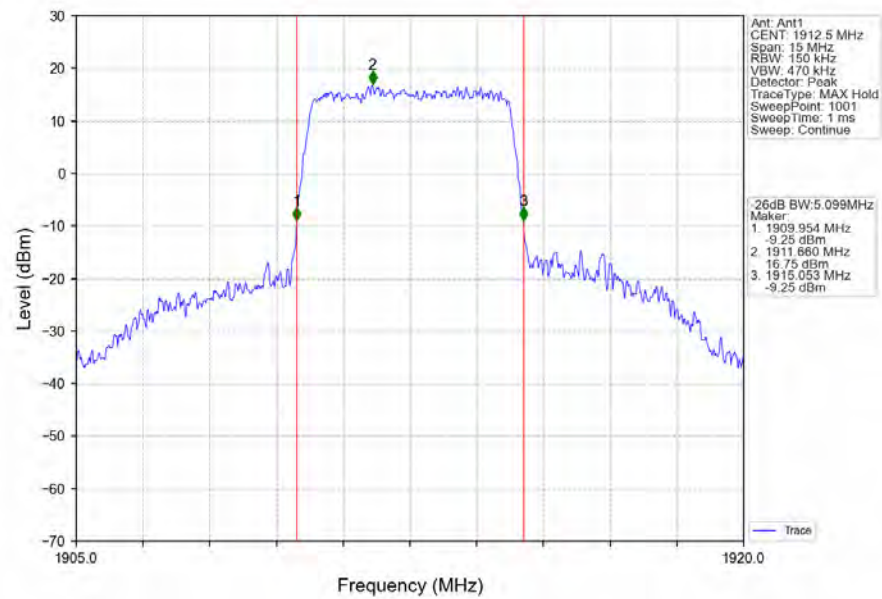
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



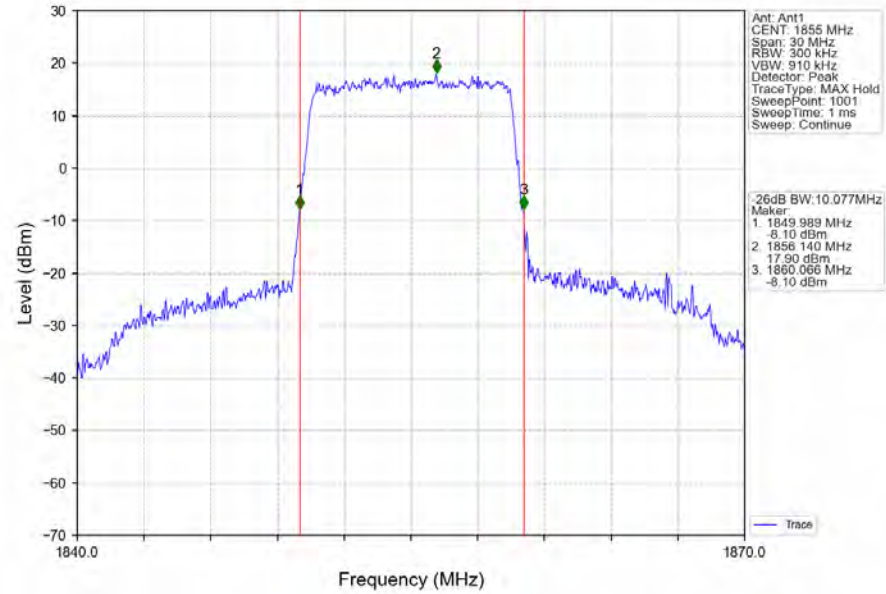
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



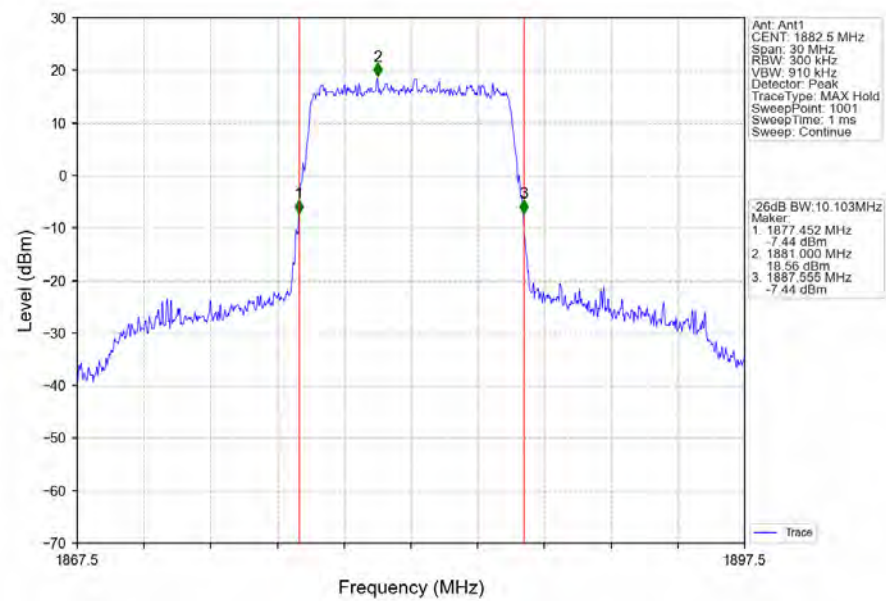
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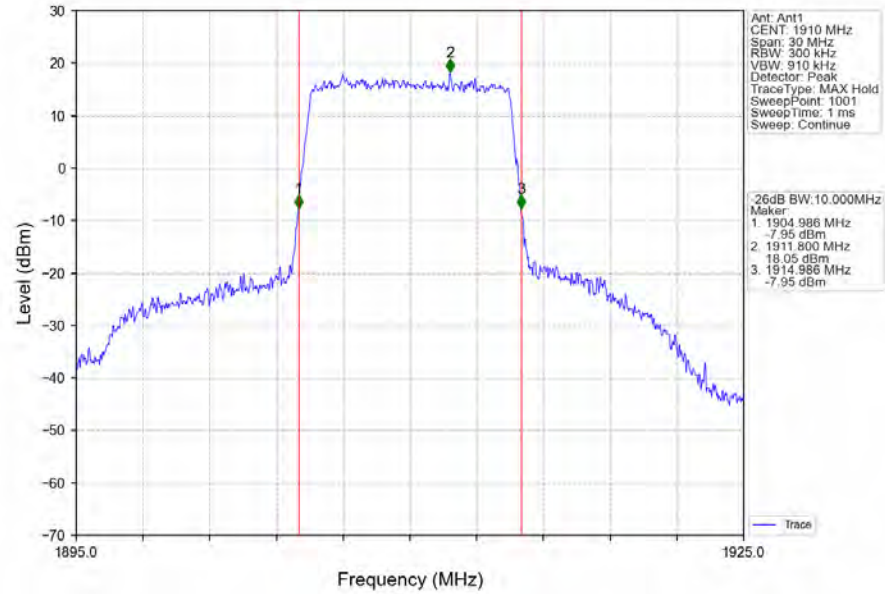
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



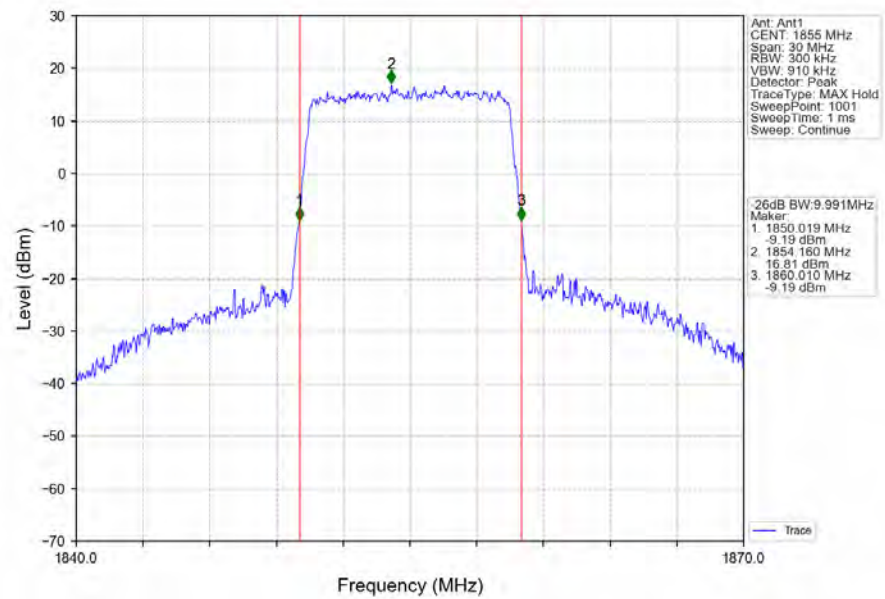
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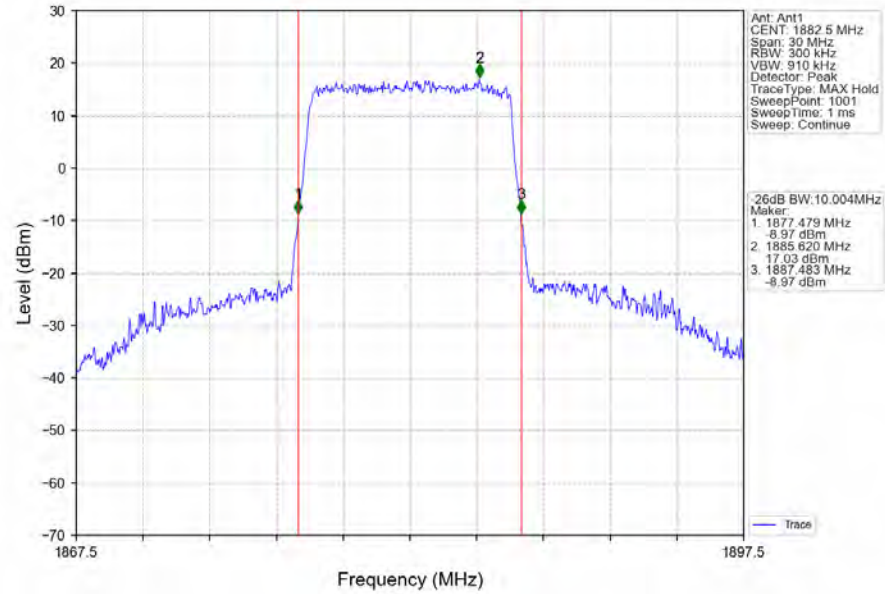
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



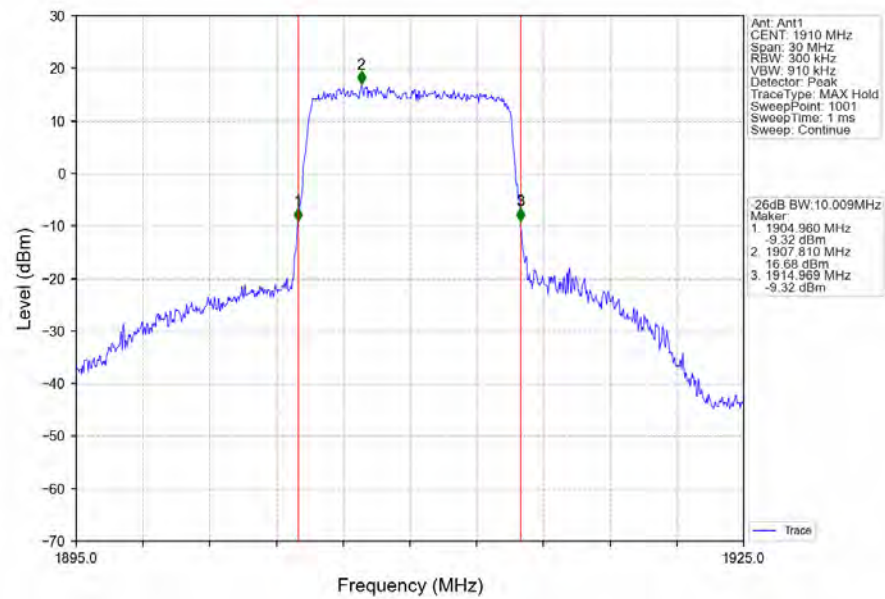
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



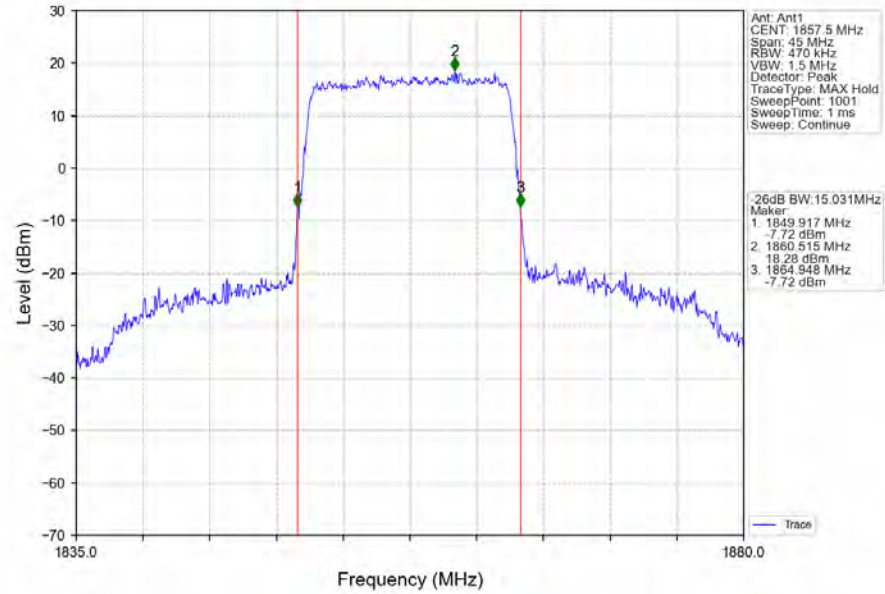
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



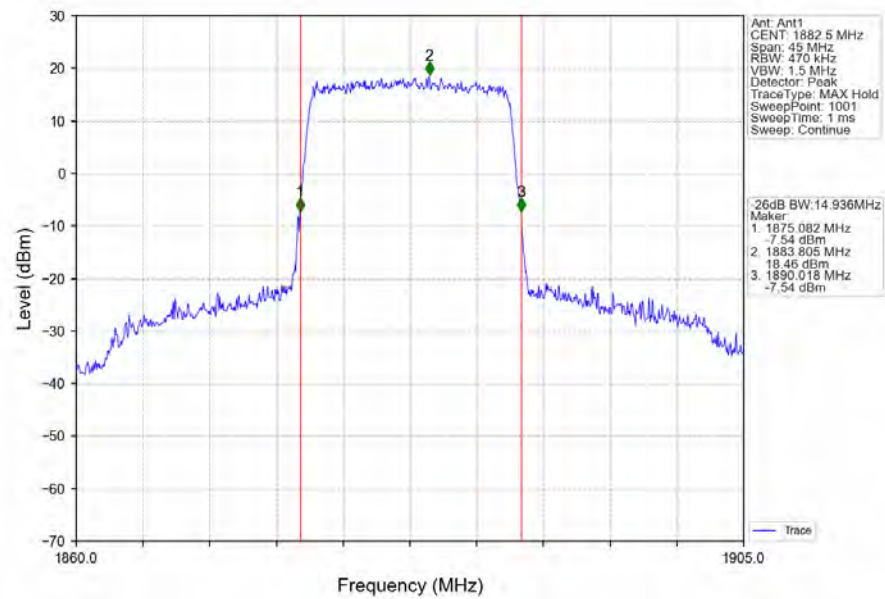
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



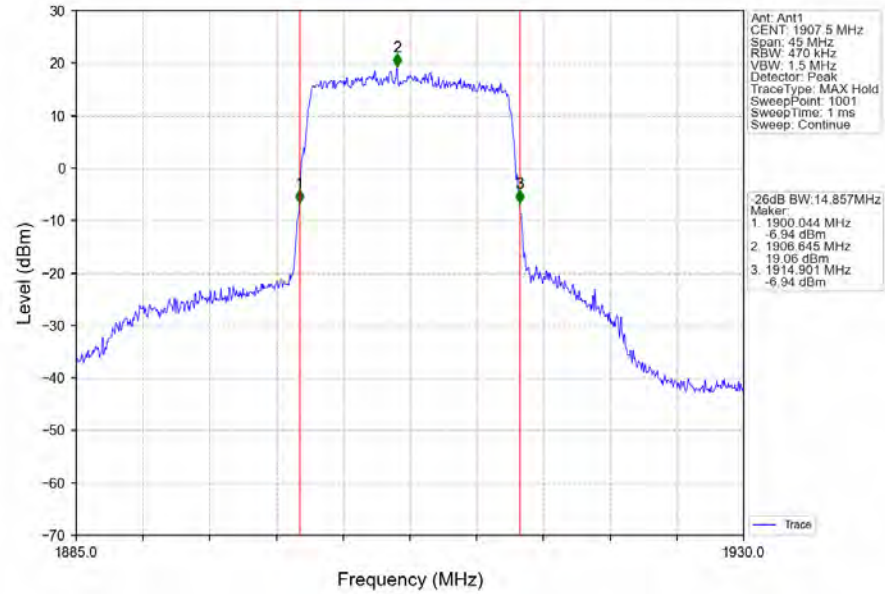
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



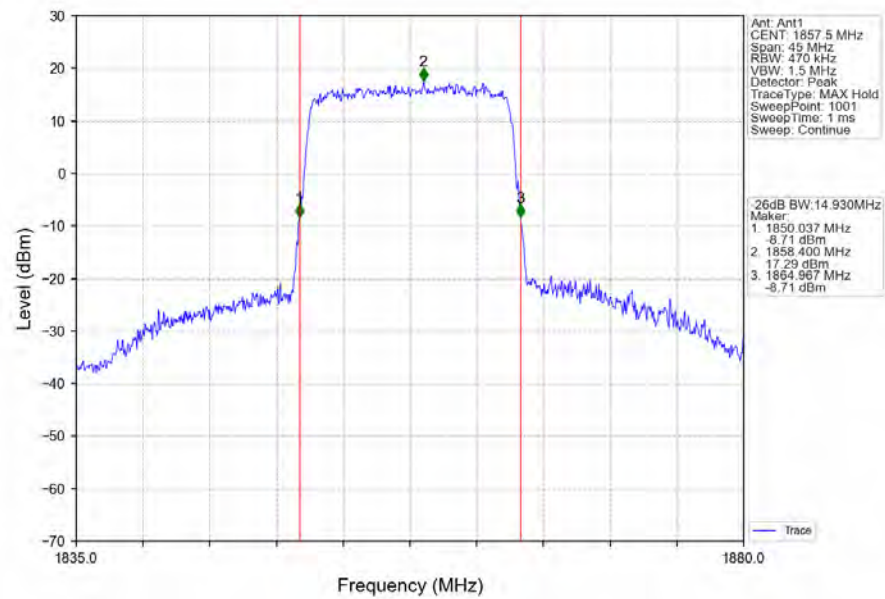
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



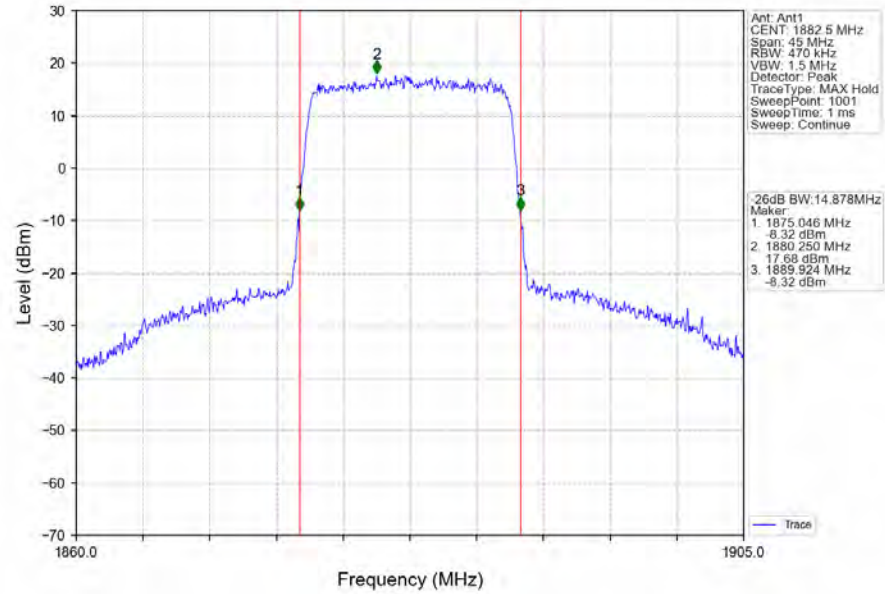
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



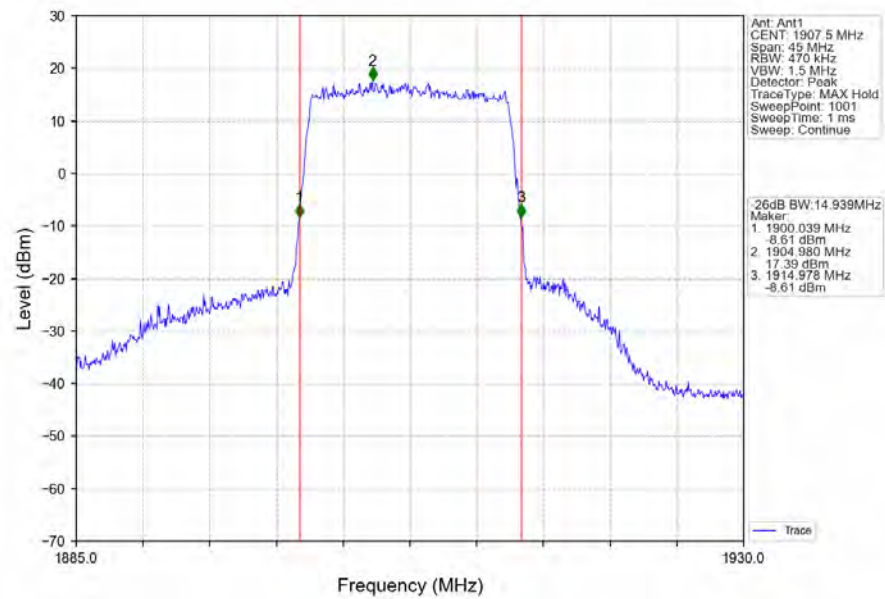
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



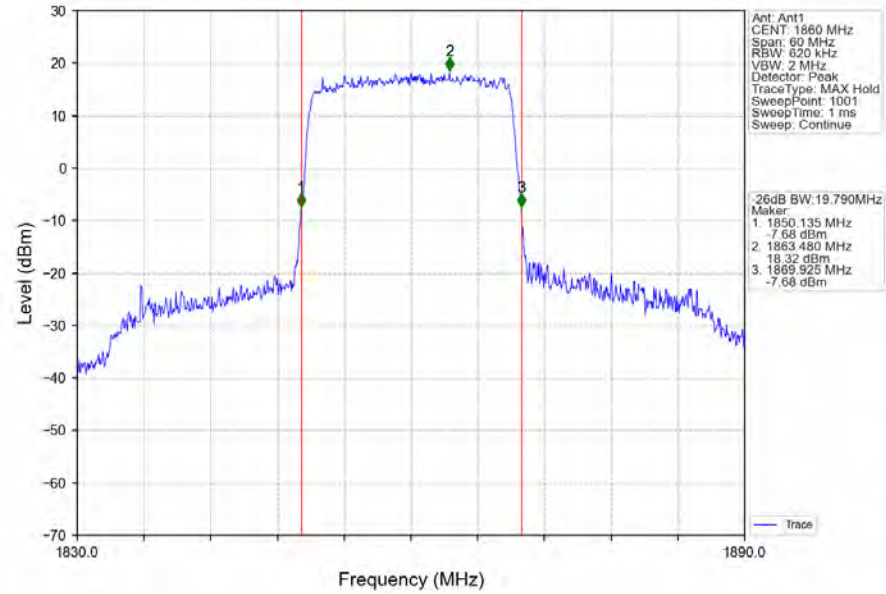
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



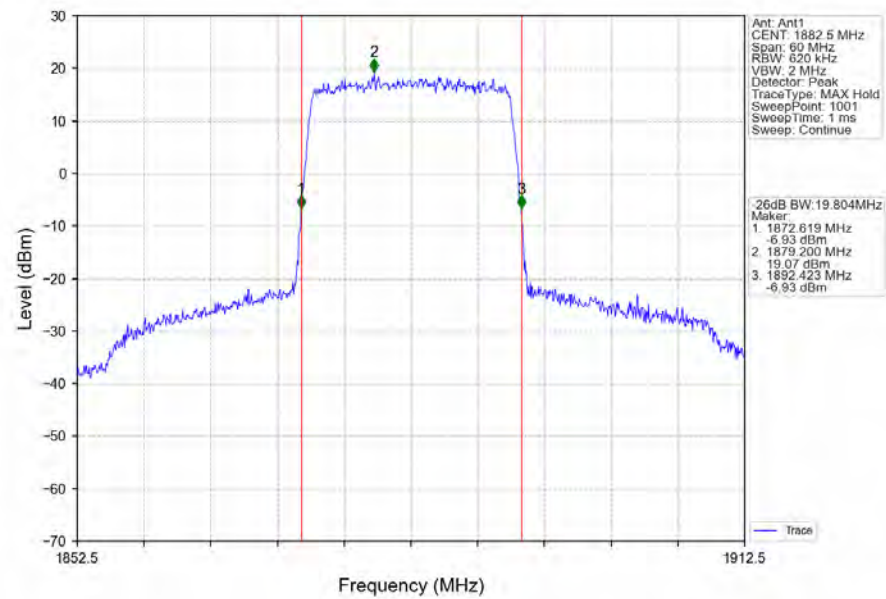
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



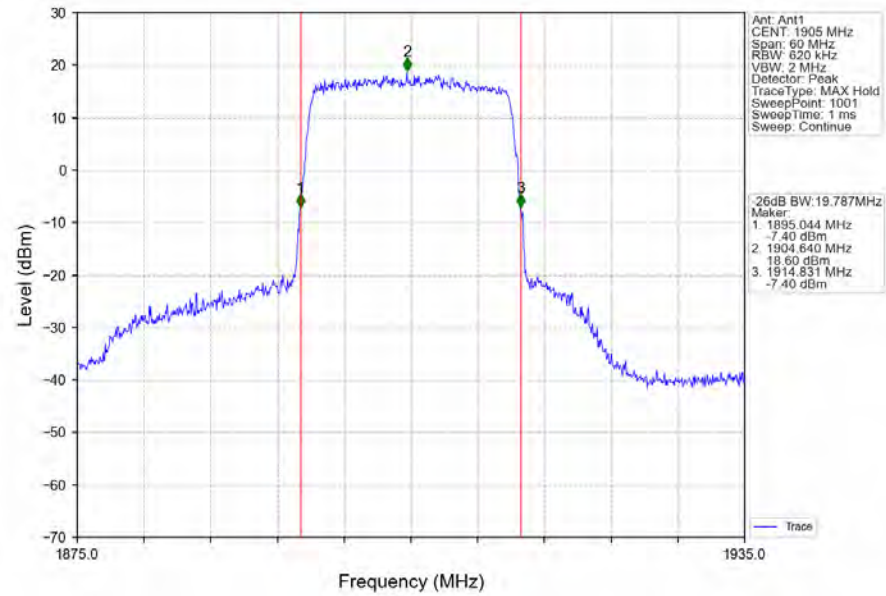
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



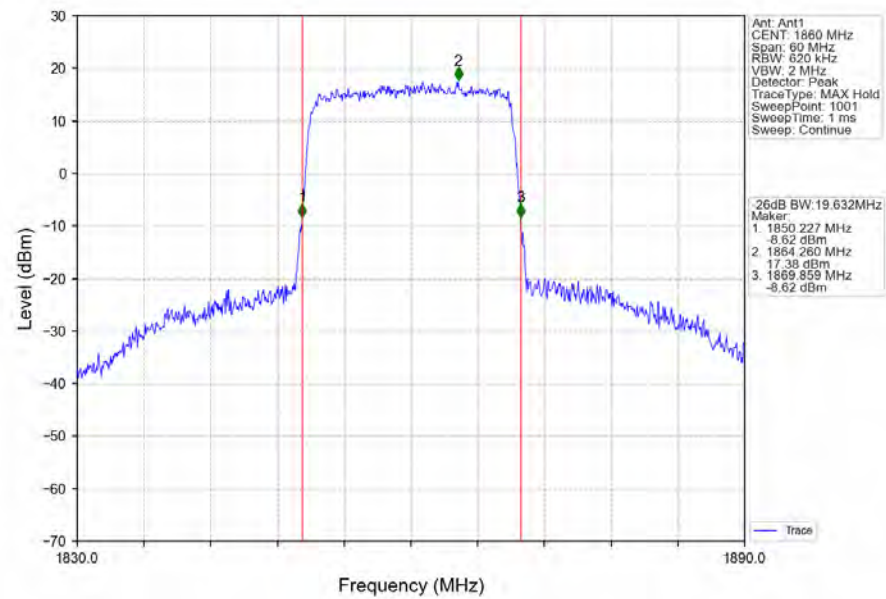
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



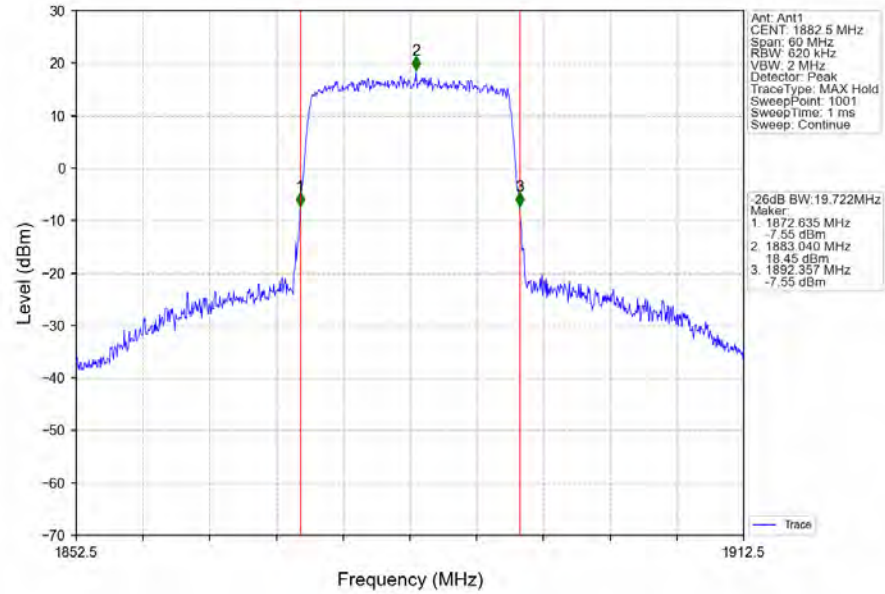
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



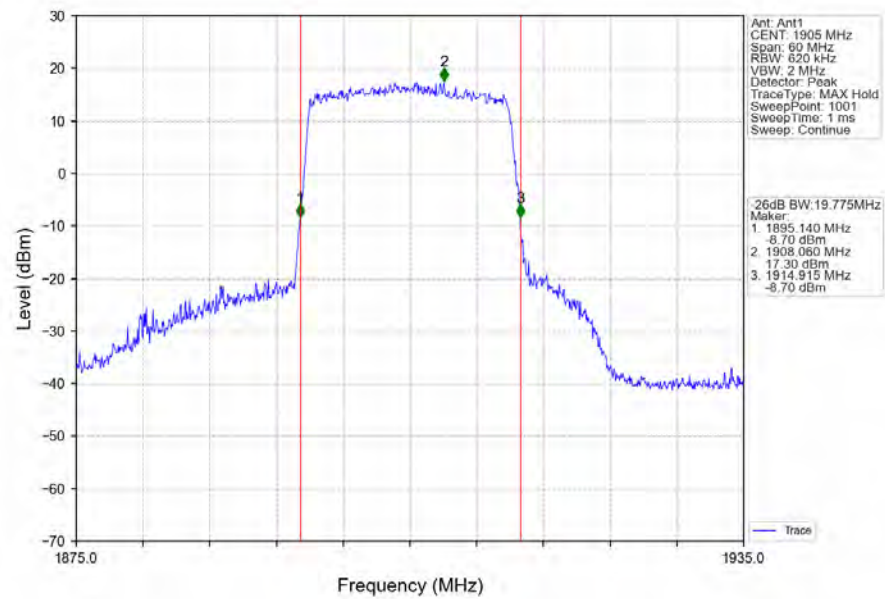
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



4. Peak-Average Ratio

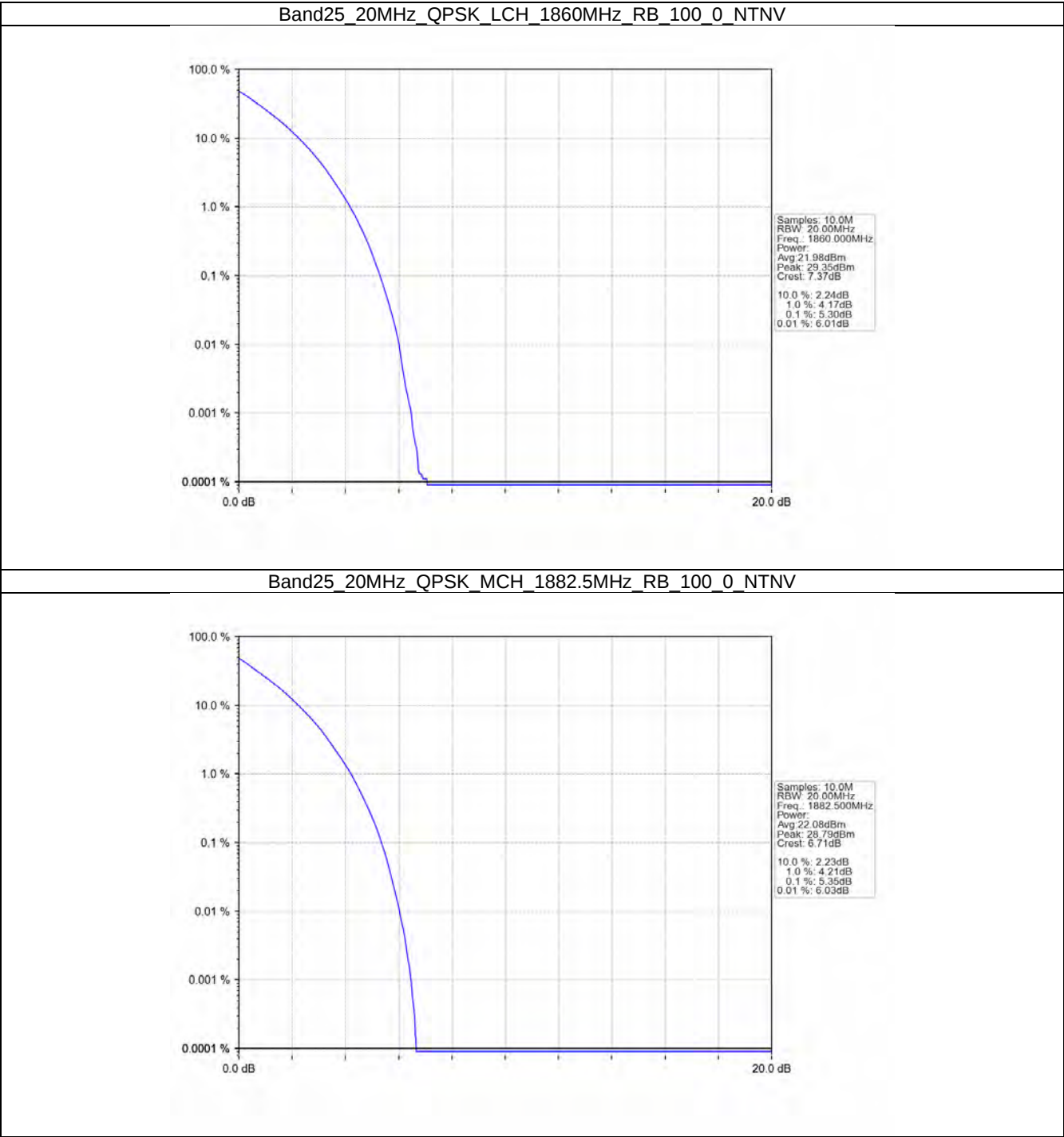
4.1 Test Result

4.1.1 B25_20MHz

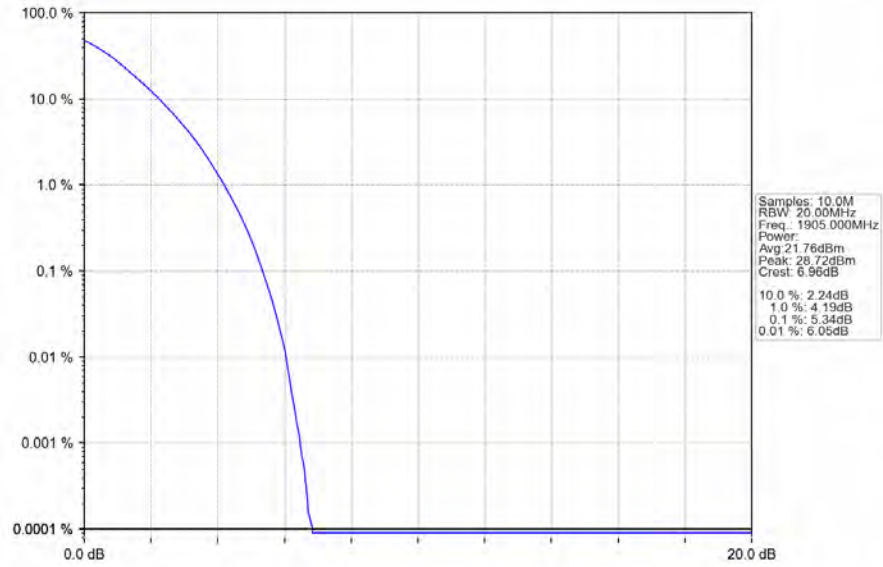
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.30	<=13	Pass
	1882.5	100	0	5.35	<=13	Pass
	1905	100	0	5.34	<=13	Pass
16QAM	1860	100	0	6.09	<=13	Pass
	1882.5	100	0	6.12	<=13	Pass
	1905	100	0	6.08	<=13	Pass

4.2 Test Graph

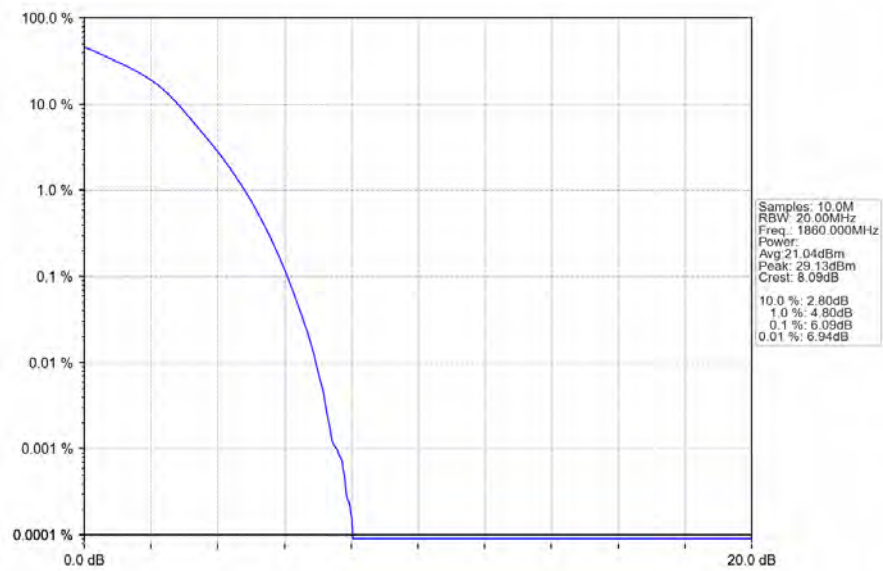
4.2.1 B25_20MHz



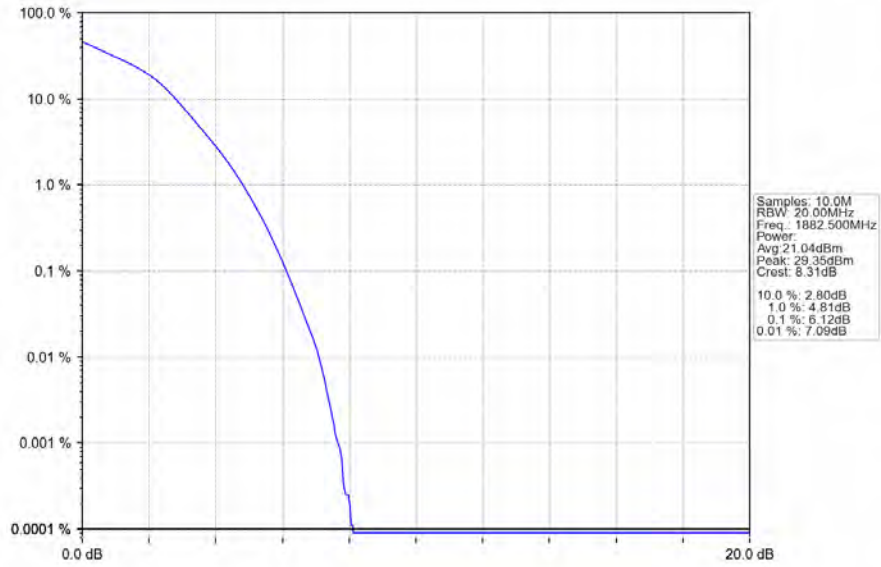
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



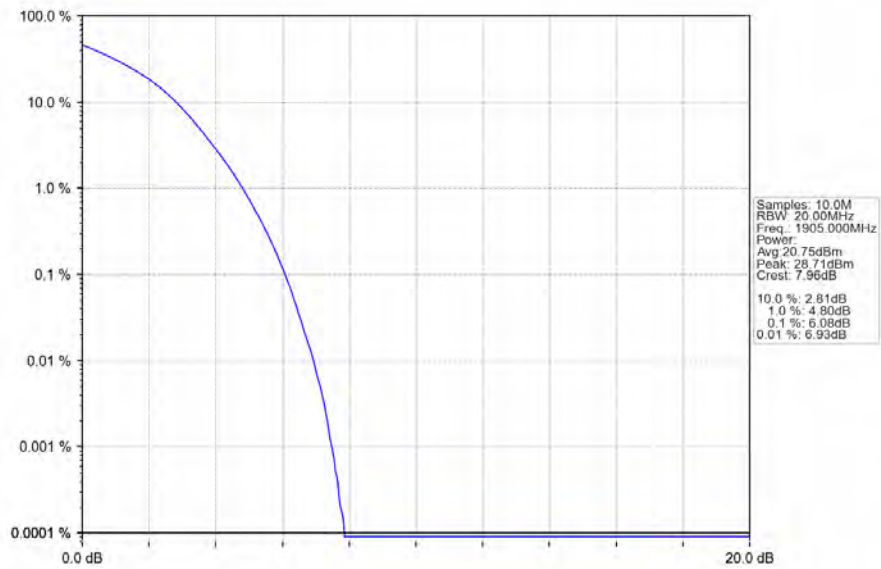
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTVN						
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

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTVN						
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

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
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	Refer To Test Graph		Pass

5.1.5 B25_15MHz

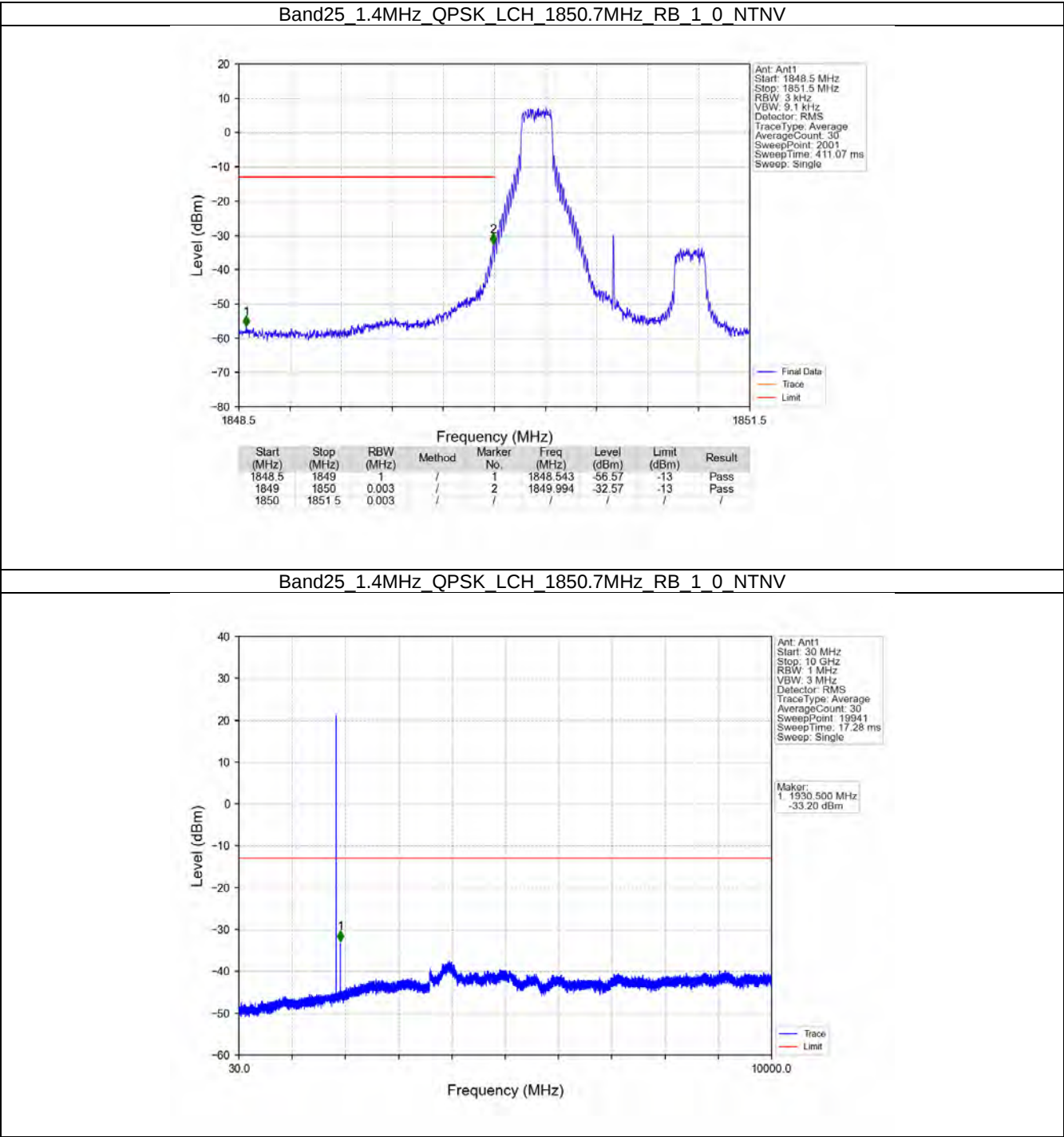
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer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

5.1.6 B25_20MHz

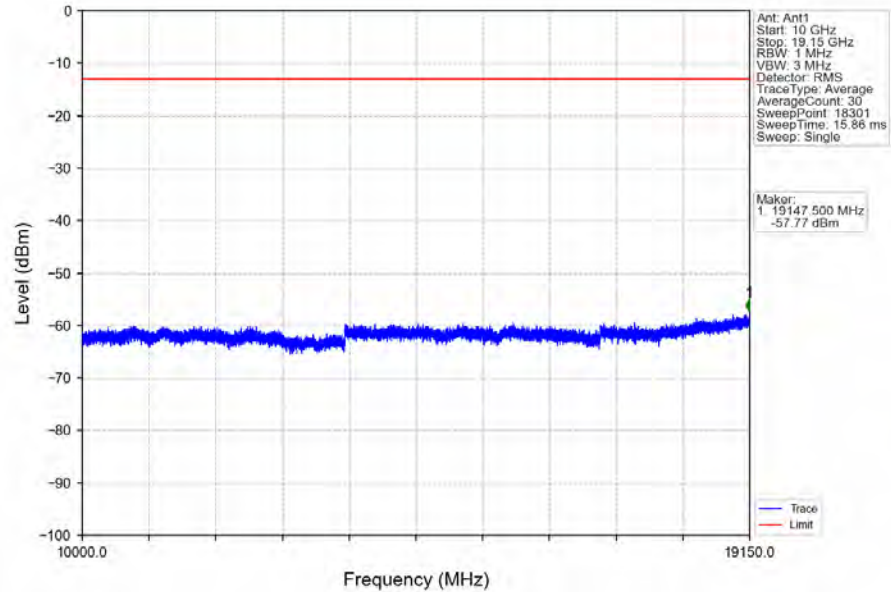
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To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

5.2 Test Graph

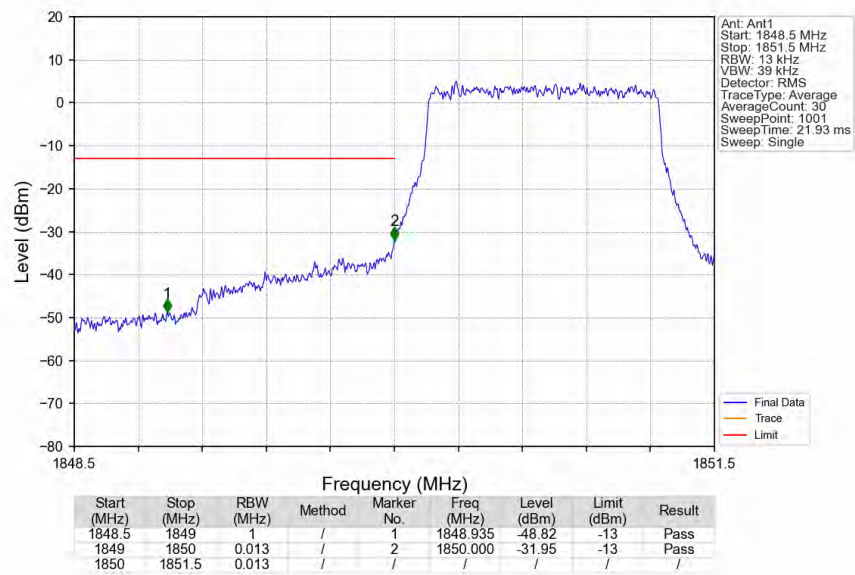
5.2.1 B25_1.4MHz



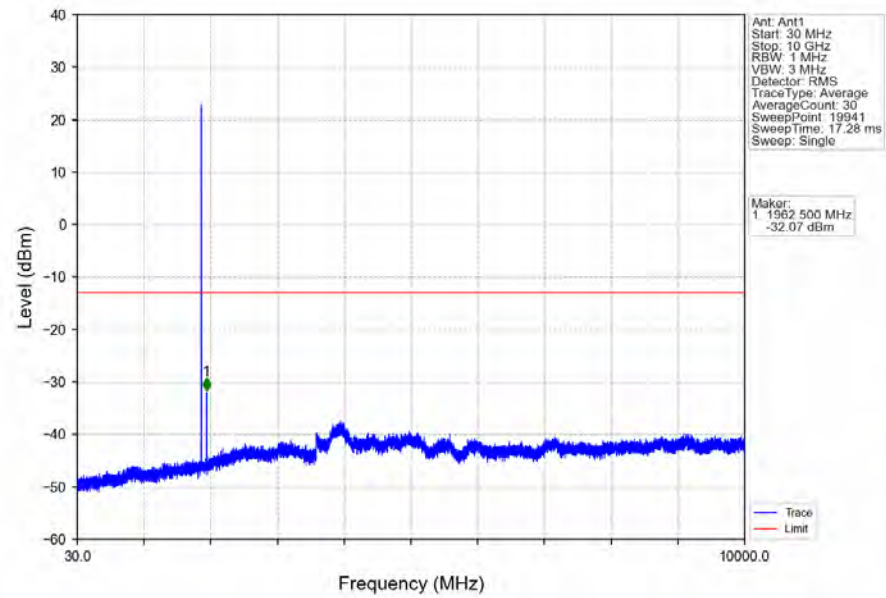
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



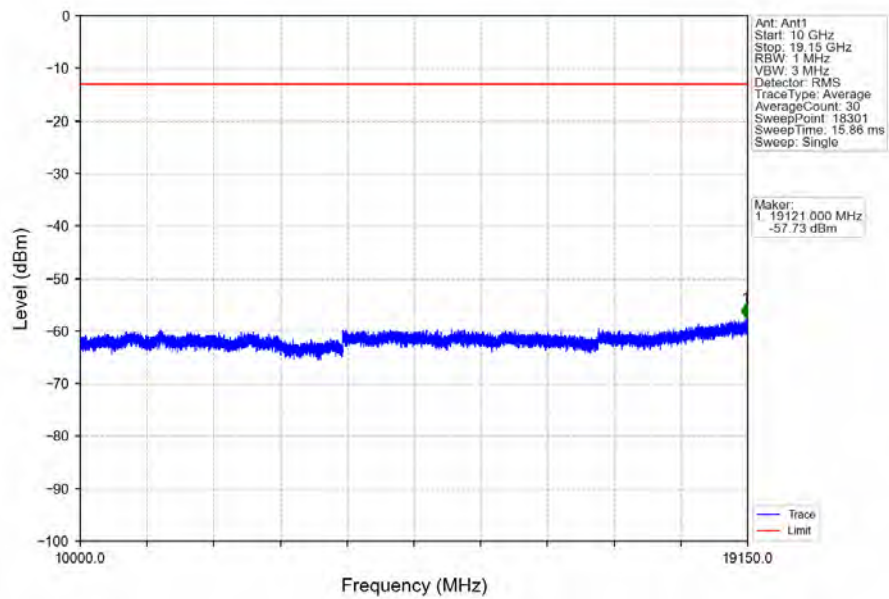
Band25_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



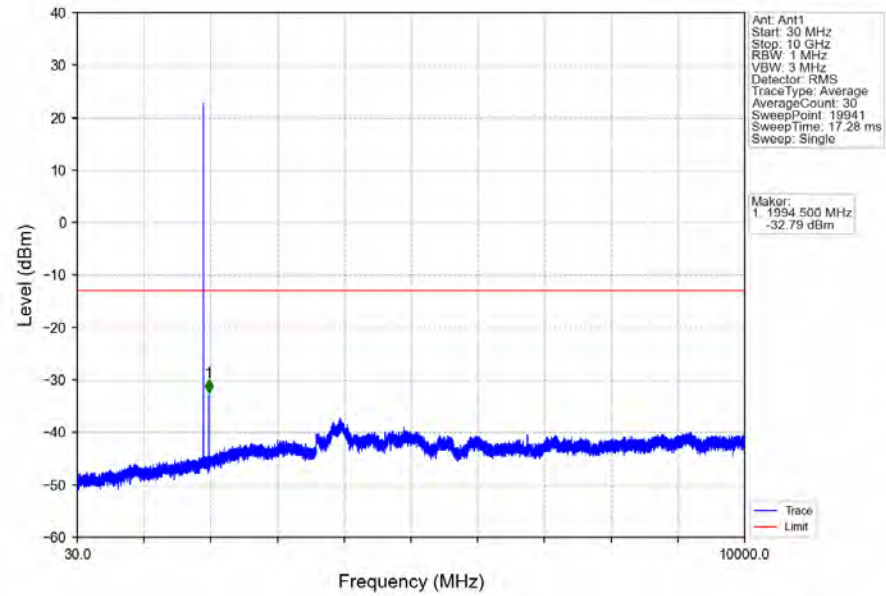
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



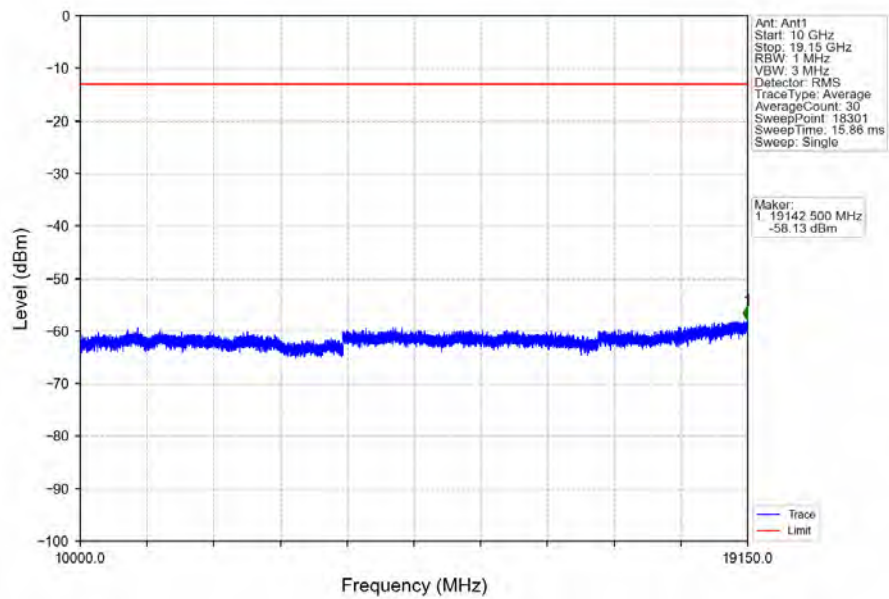
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



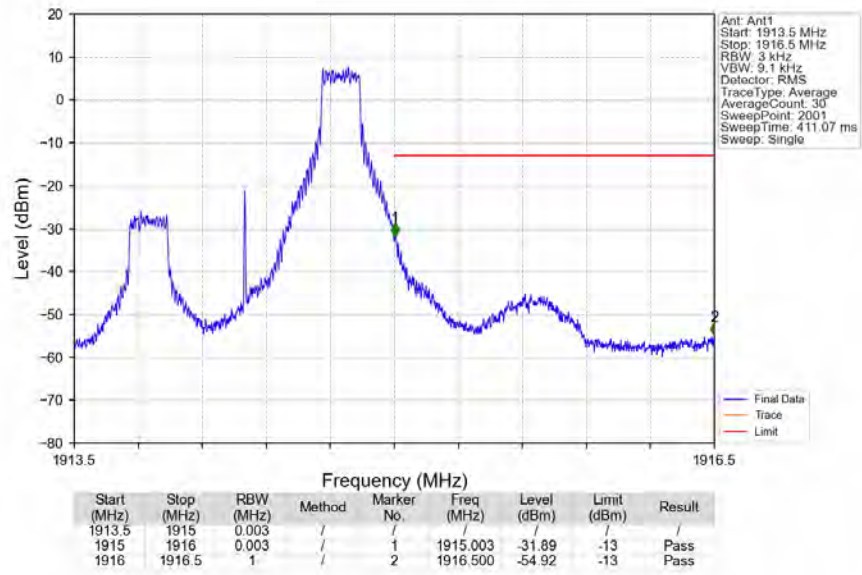
Band25 1.4MHz QPSK HCH 1914.3MHz RB_1_0_NTNV



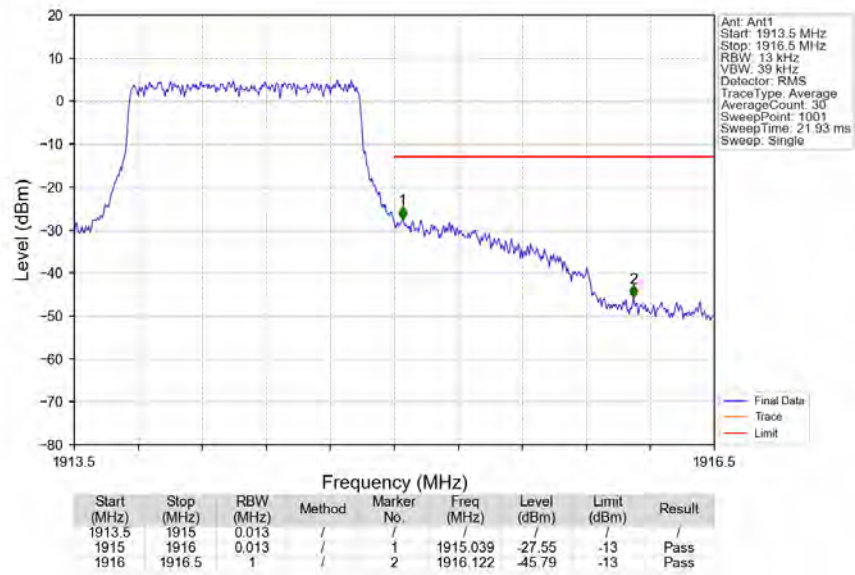
Band25 1.4MHz QPSK HCH 1914.3MHz RB_1_0_NTNV



Band25 1.4MHz QPSK HCH 1914.3MHz RB_1_5 NTNV

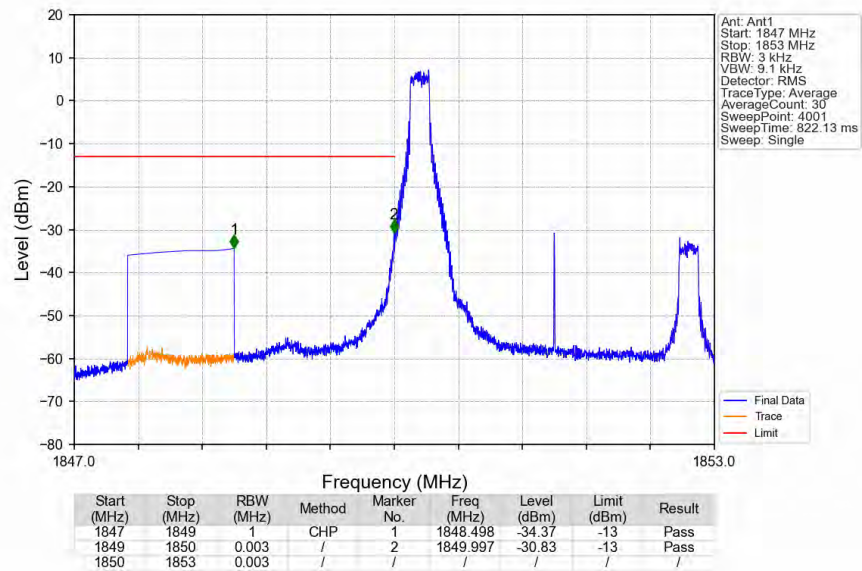


Band25 1.4MHz QPSK HCH 1914.3MHz RB_6_0 NTNV

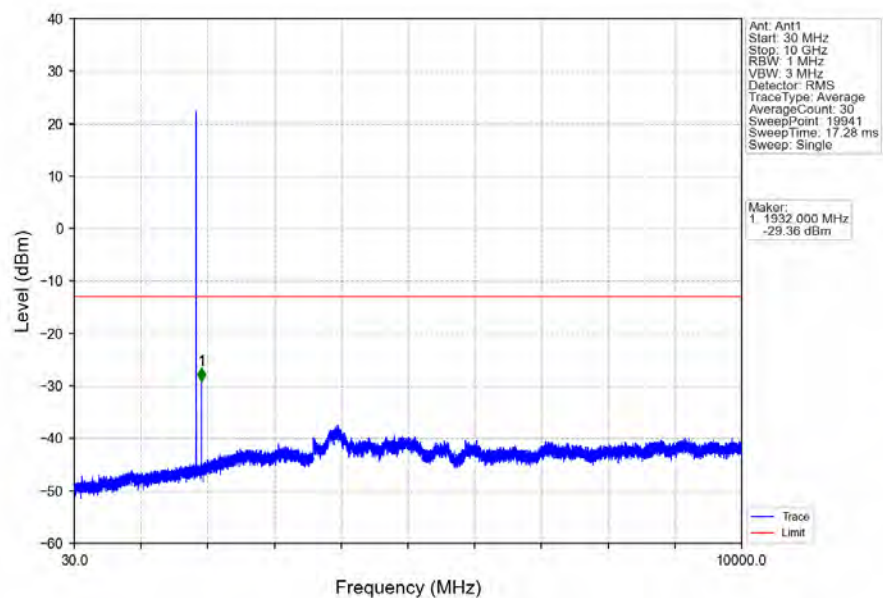


6.2.2 B25_3MHz

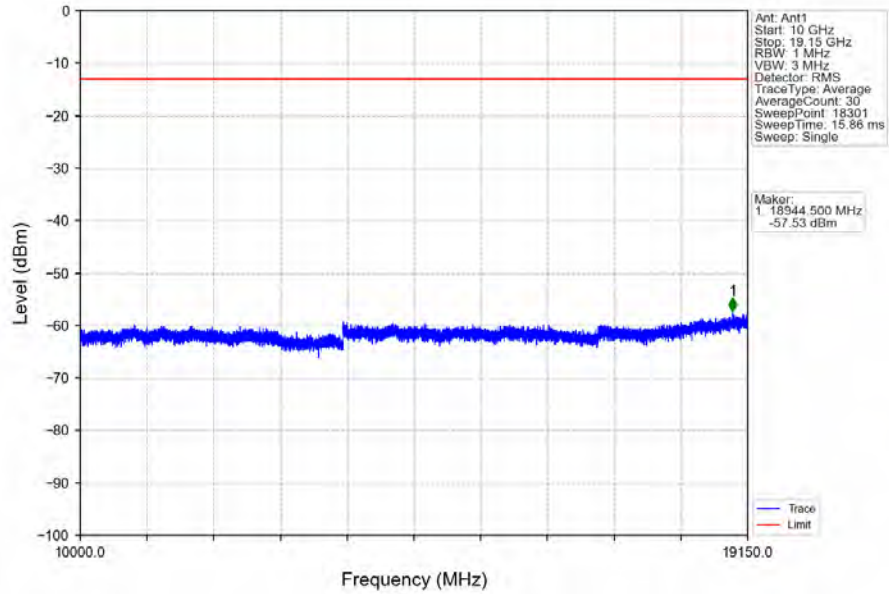
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



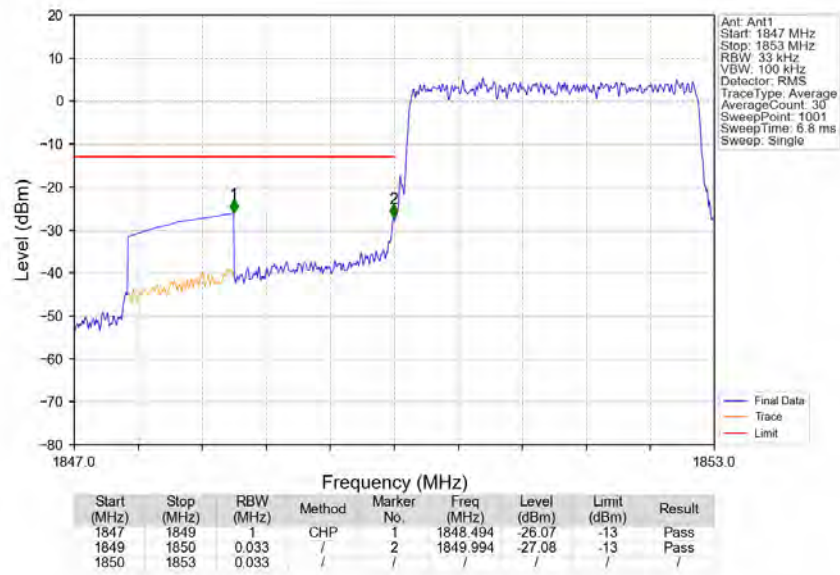
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



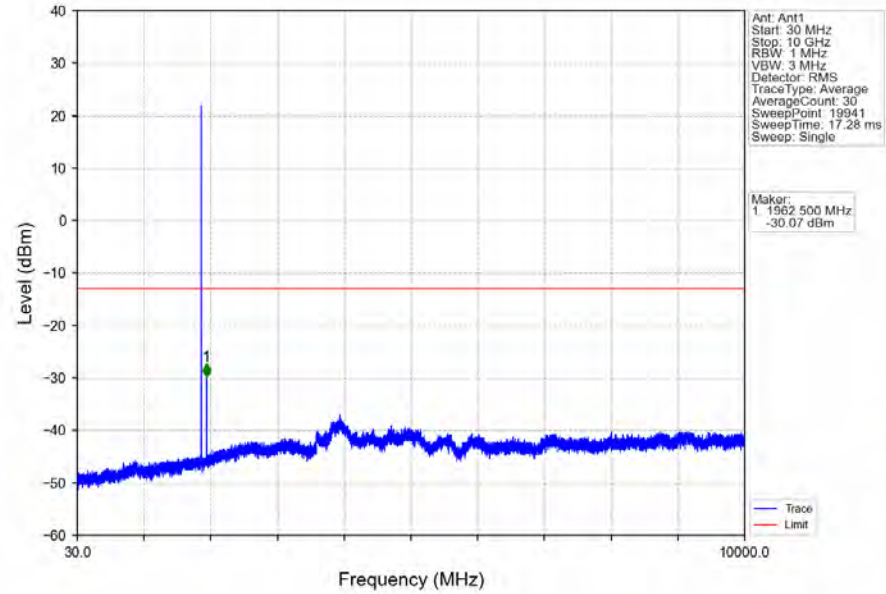
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



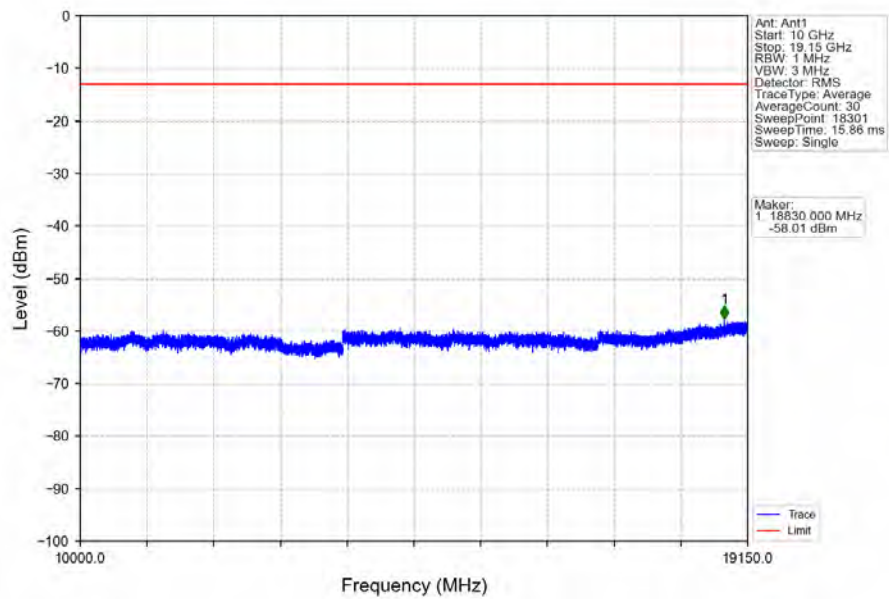
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



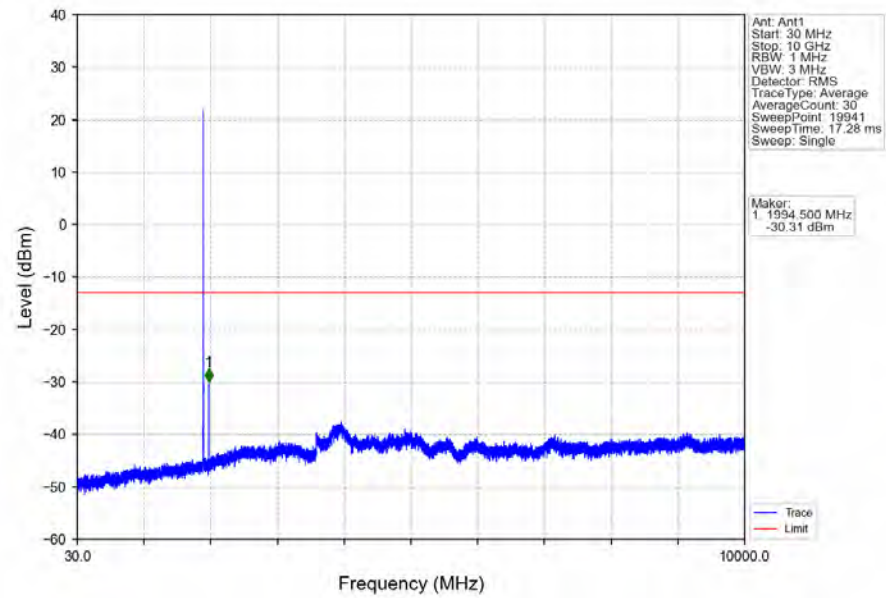
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



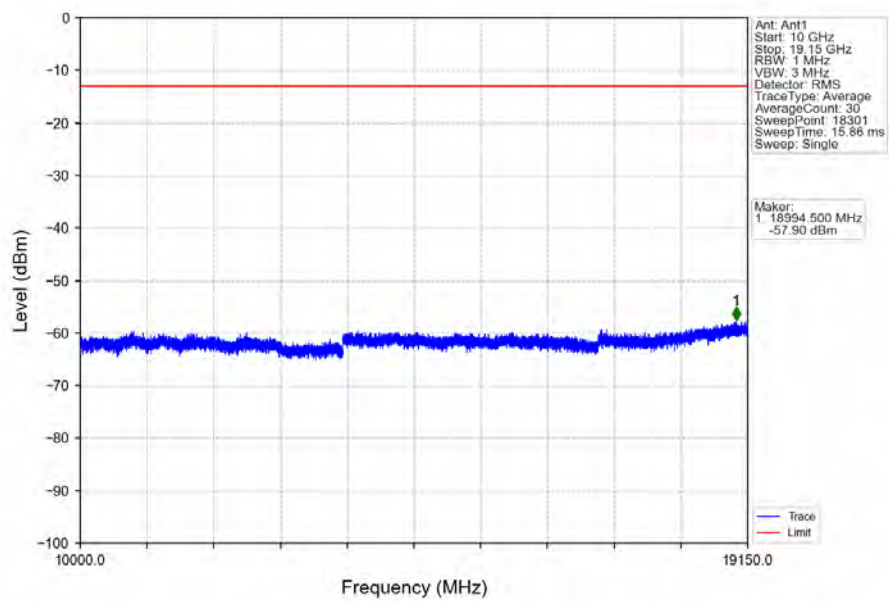
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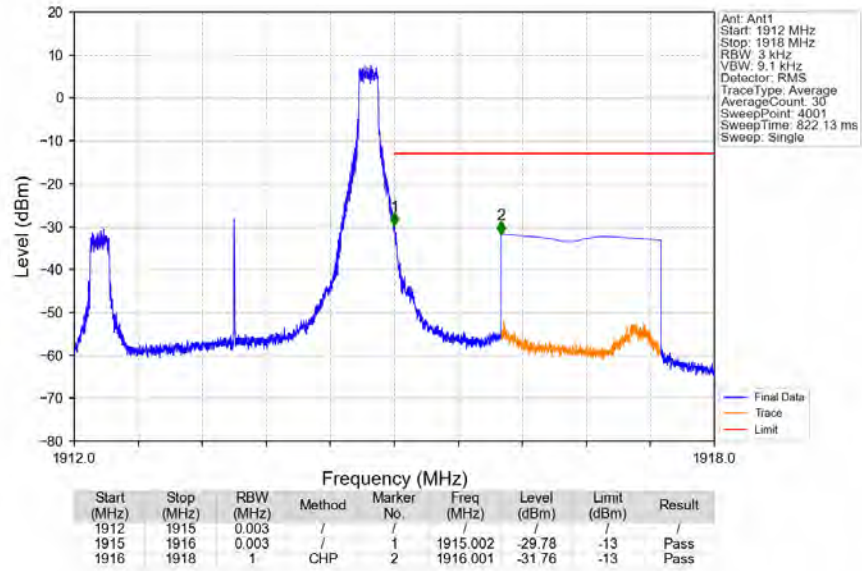
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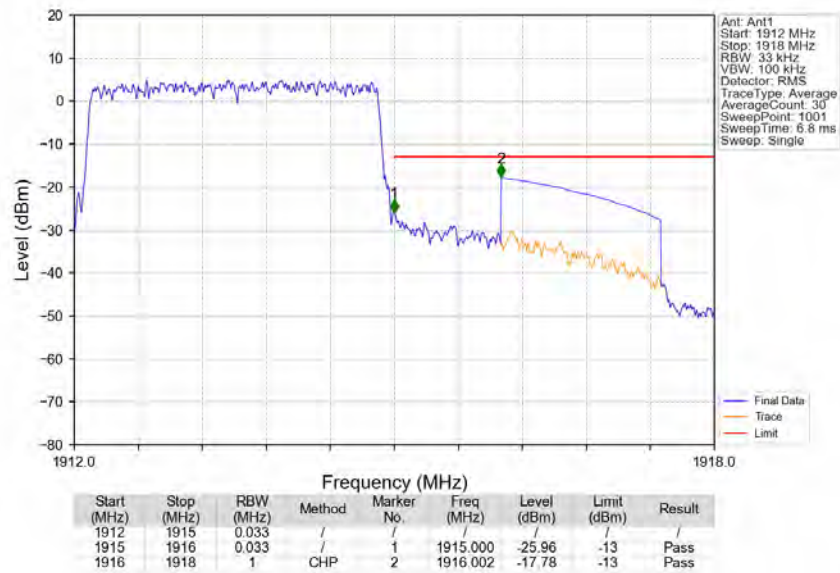
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_14_NTNV

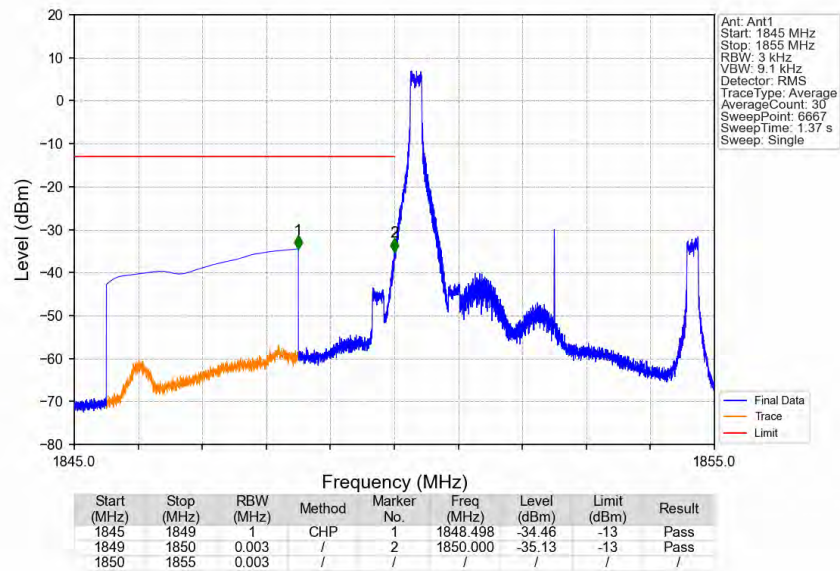


Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV

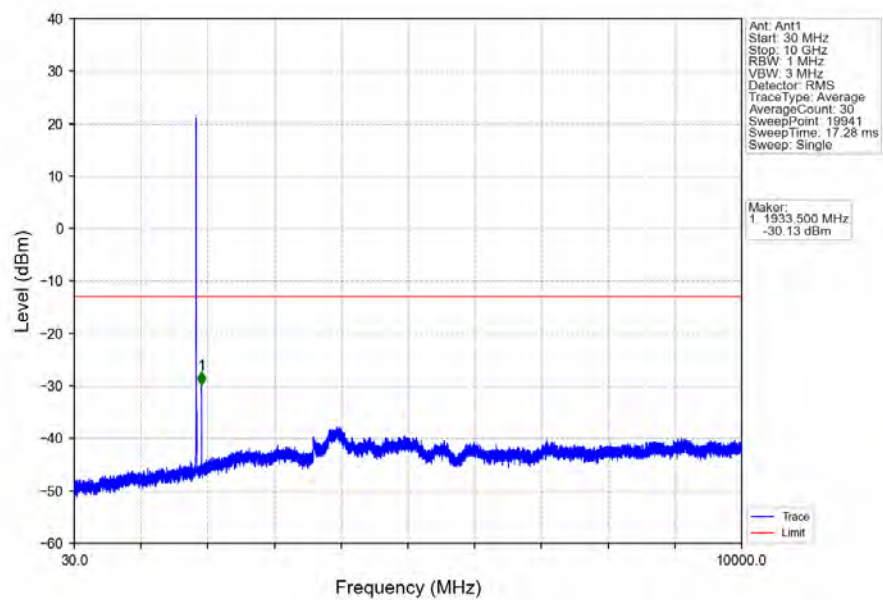


6.2.3 B25_5MHz

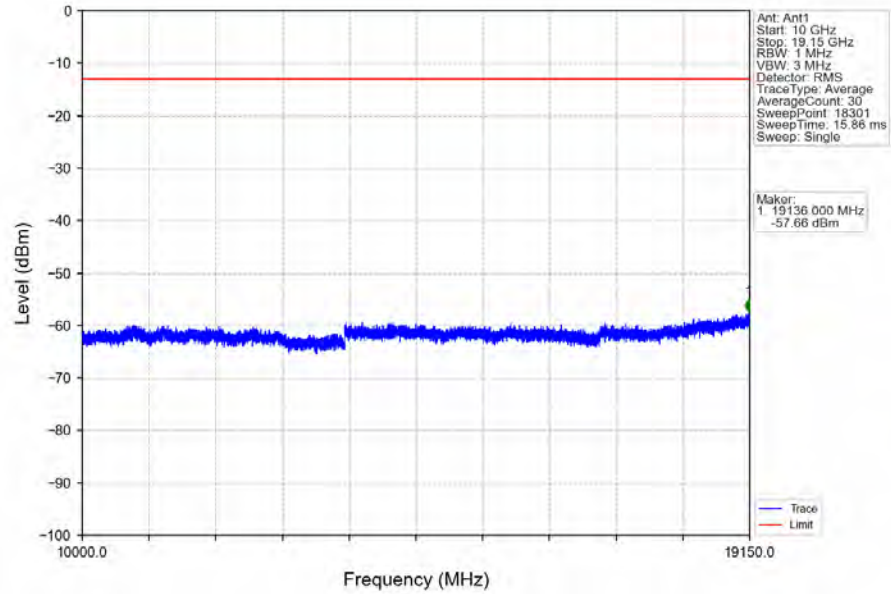
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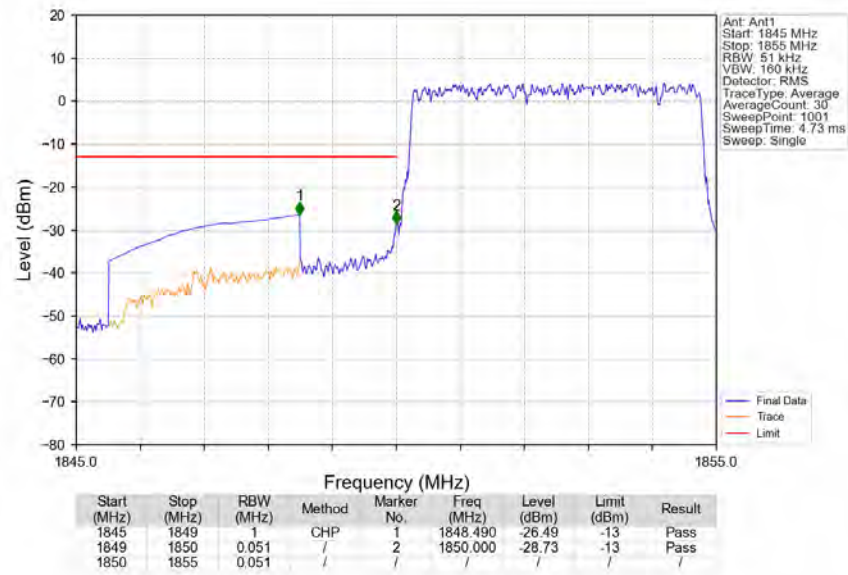
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



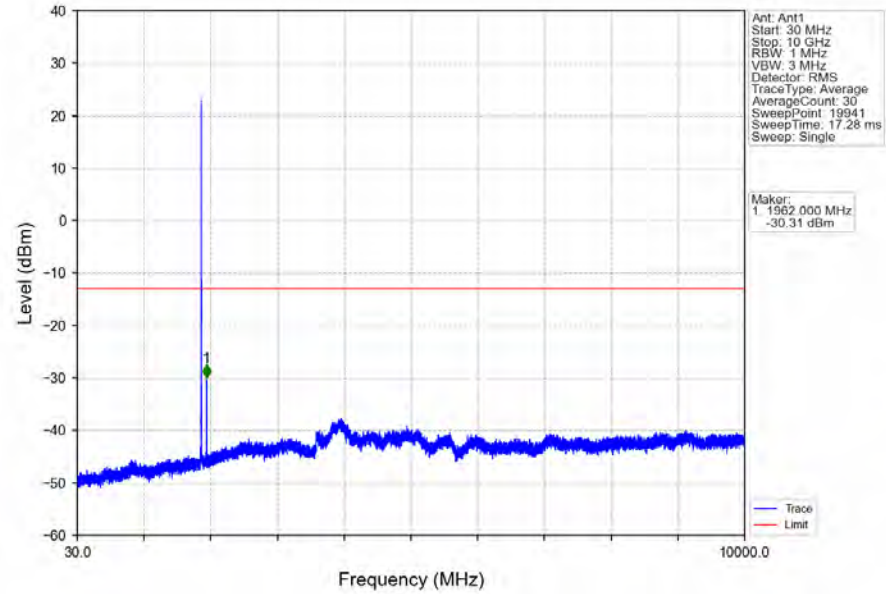
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



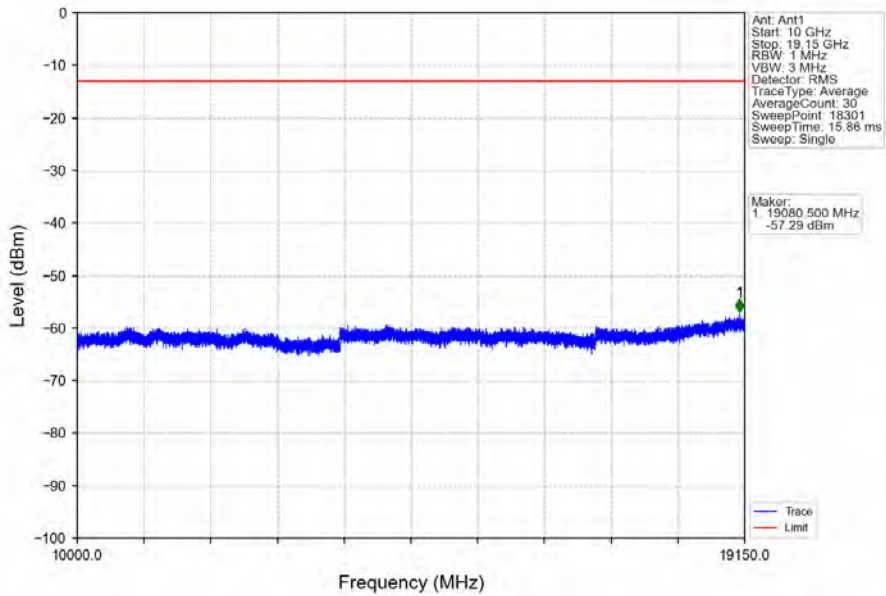
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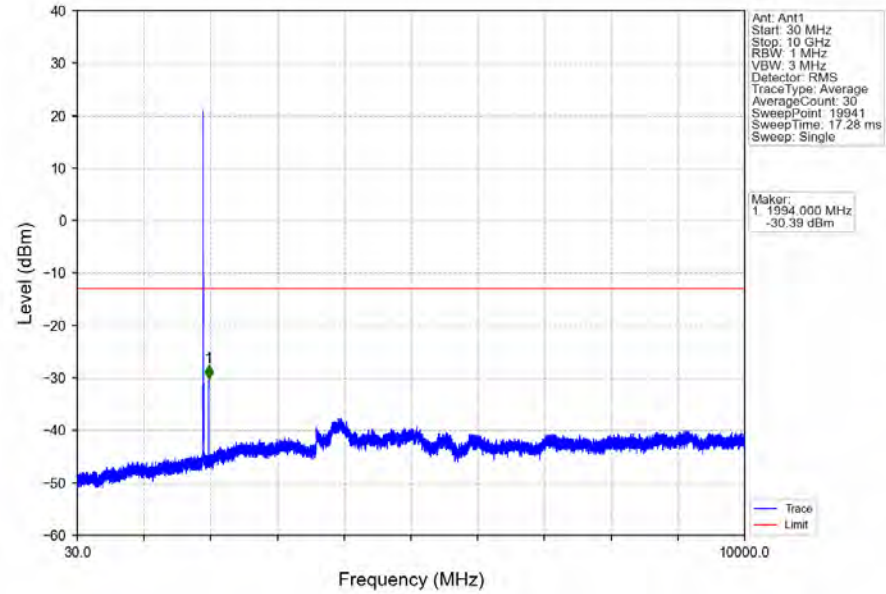
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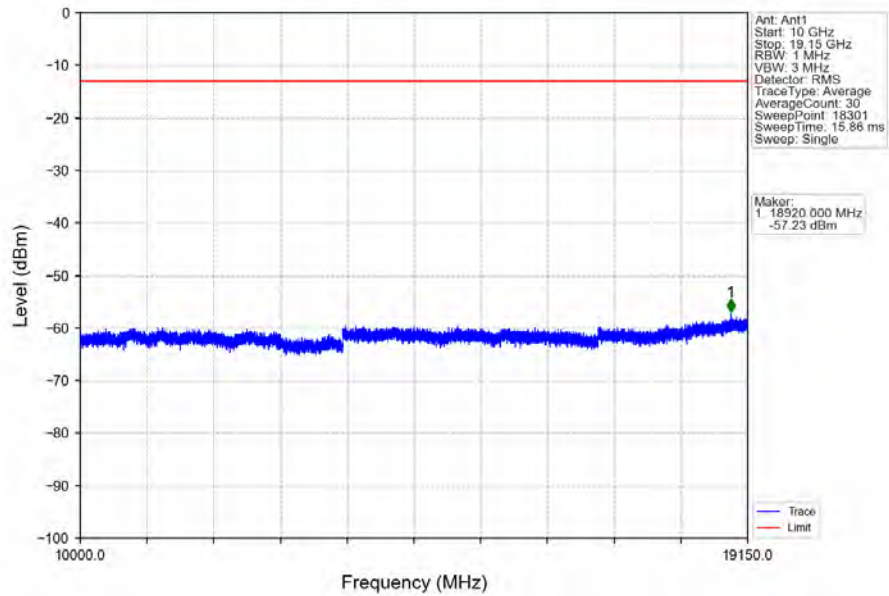
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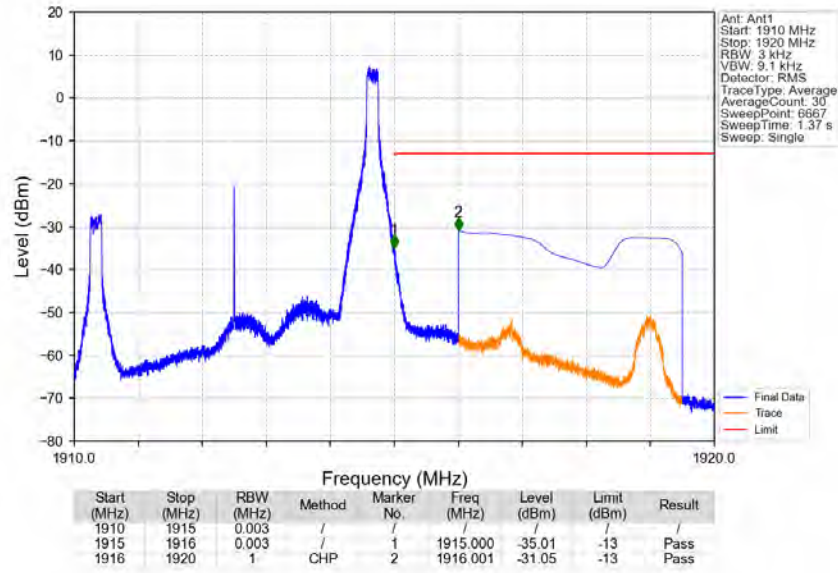
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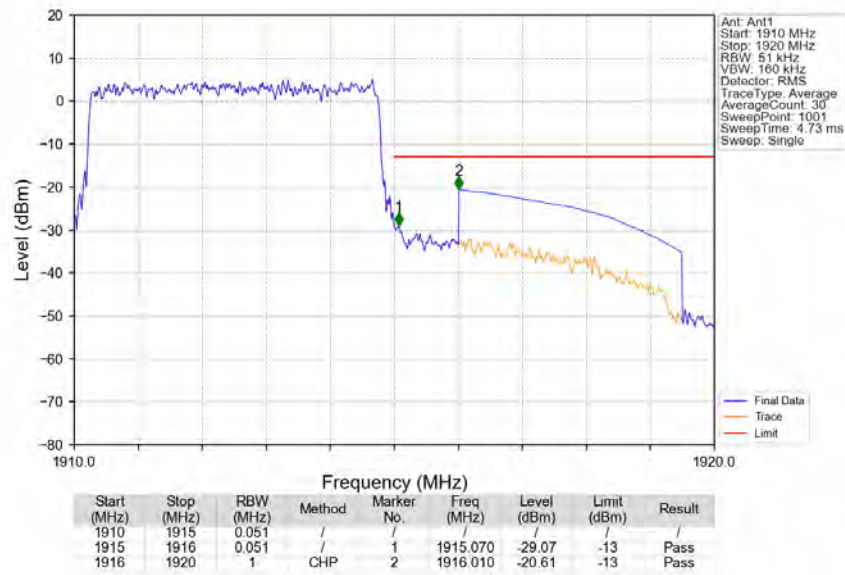
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_24_NTNV

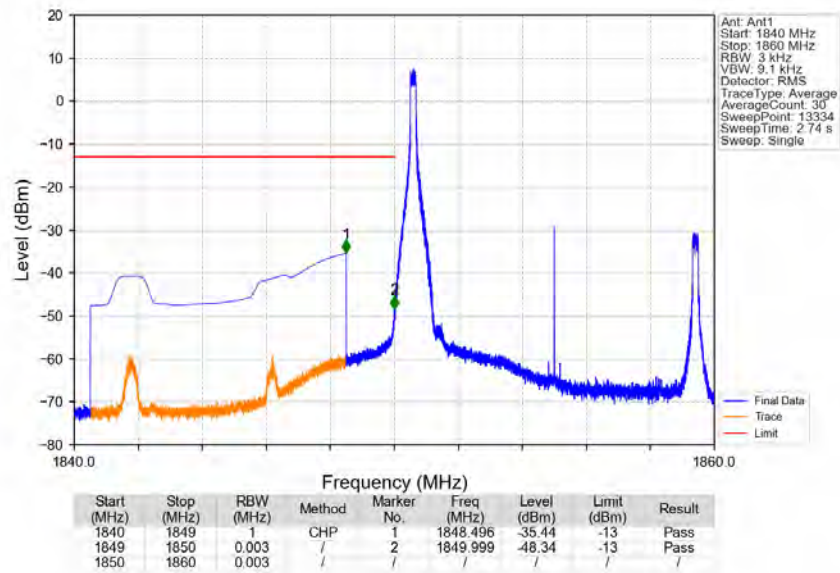


Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV

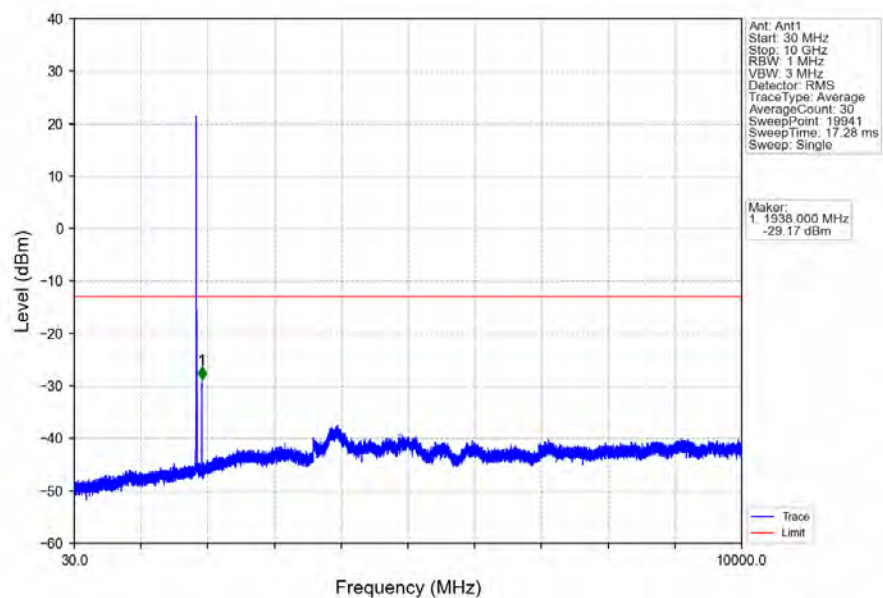


6.2.4 B25_10MHz

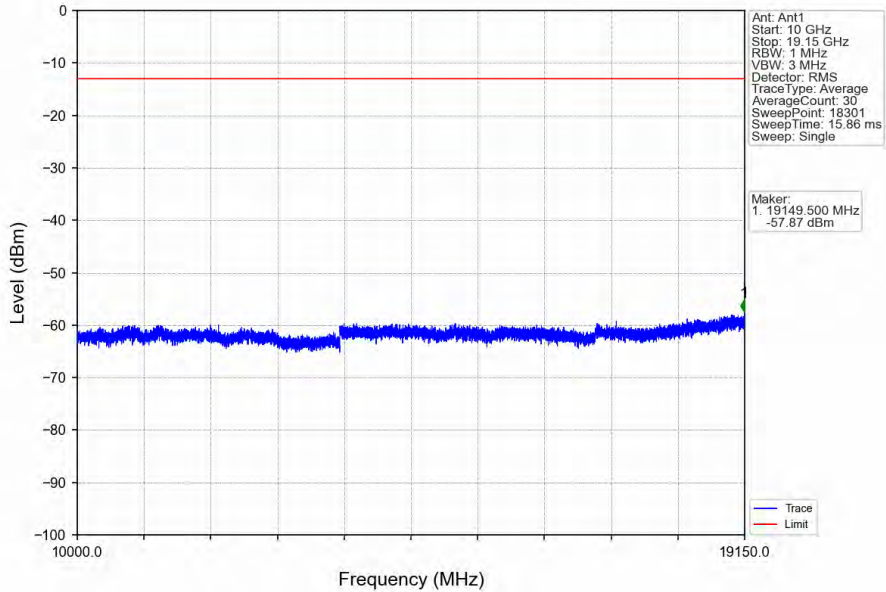
Band25_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



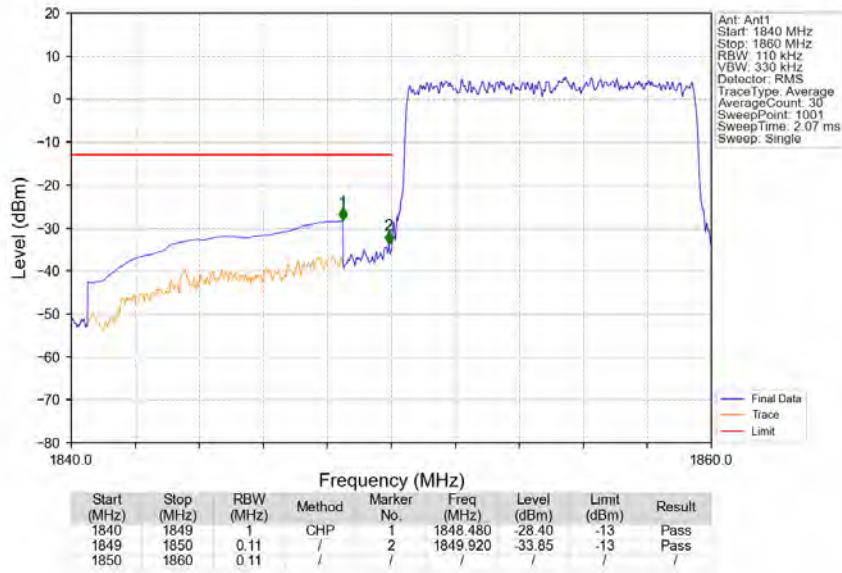
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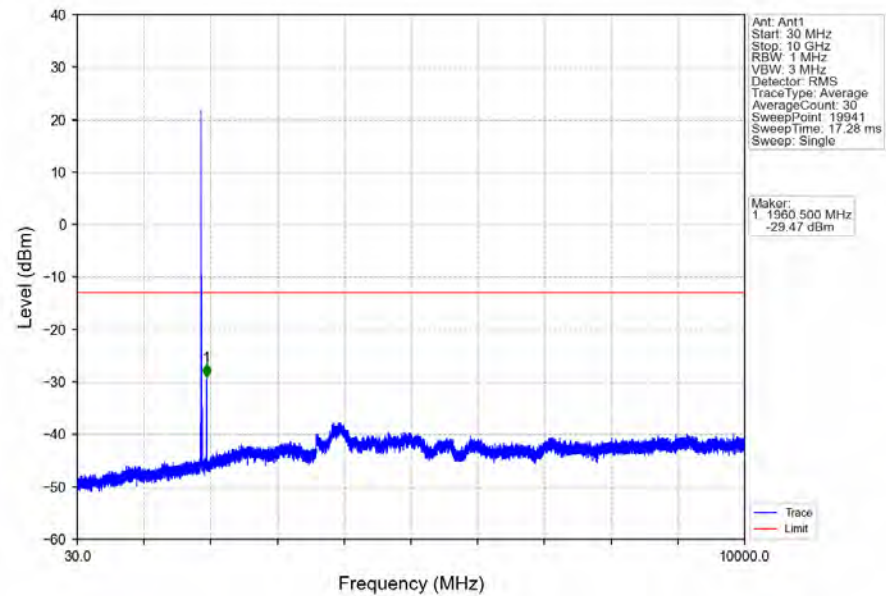
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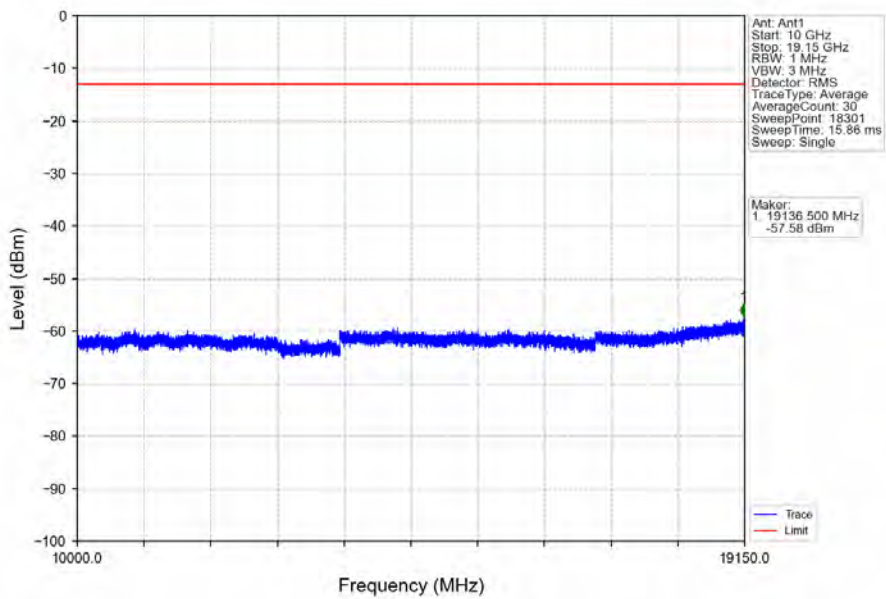
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



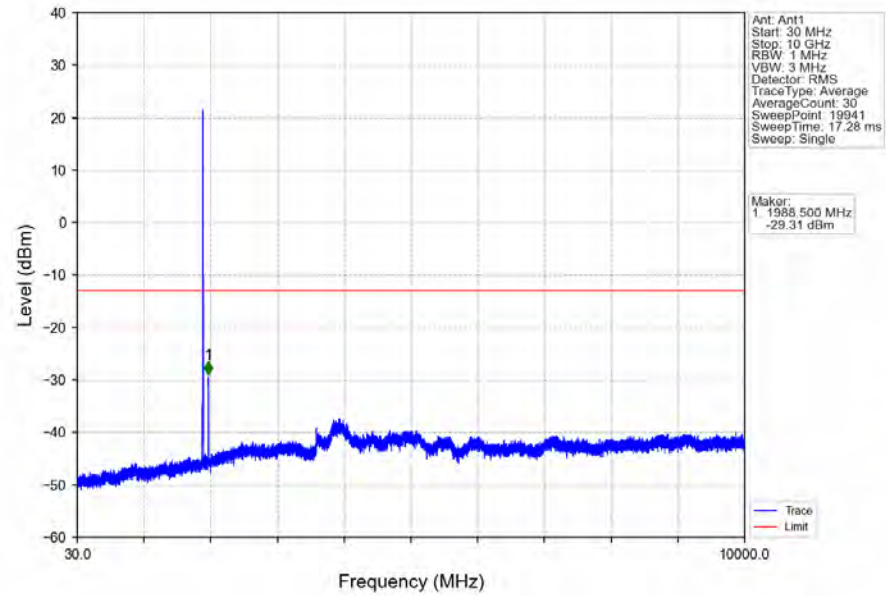
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



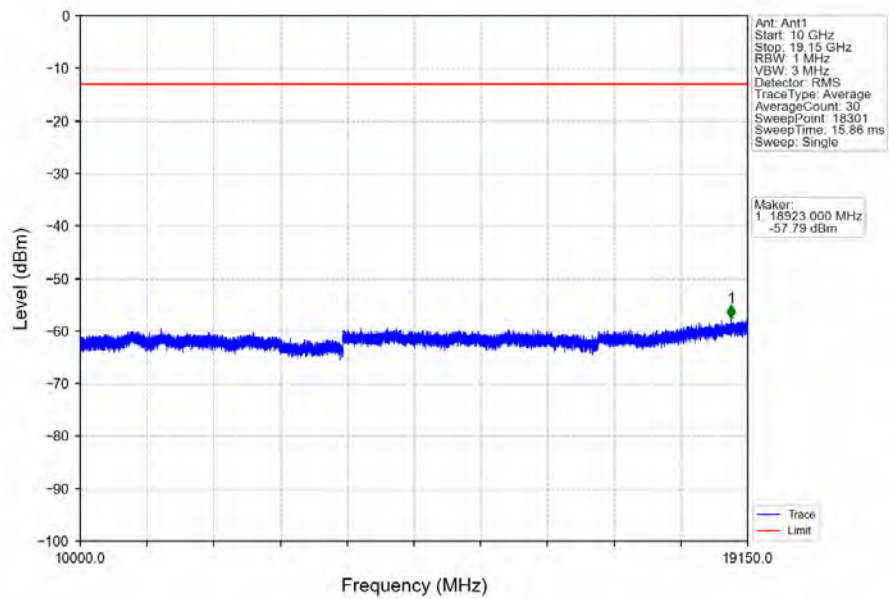
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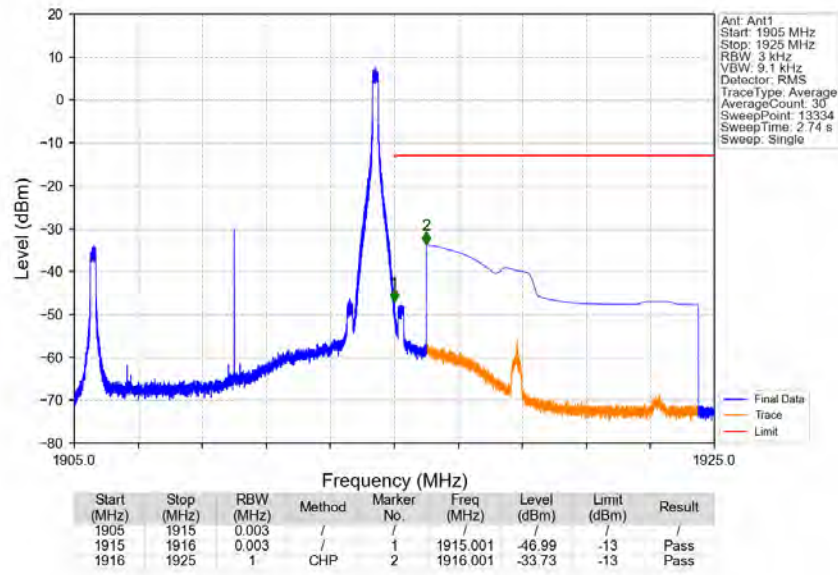
Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



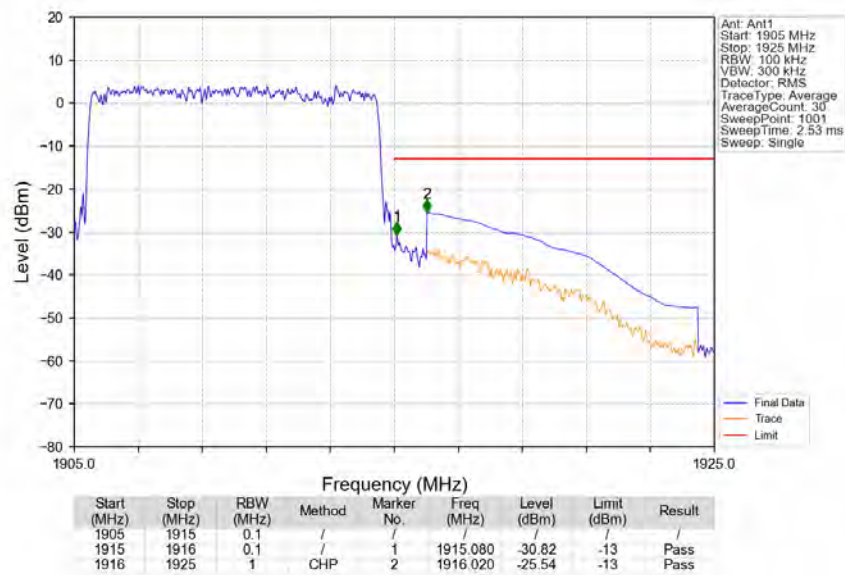
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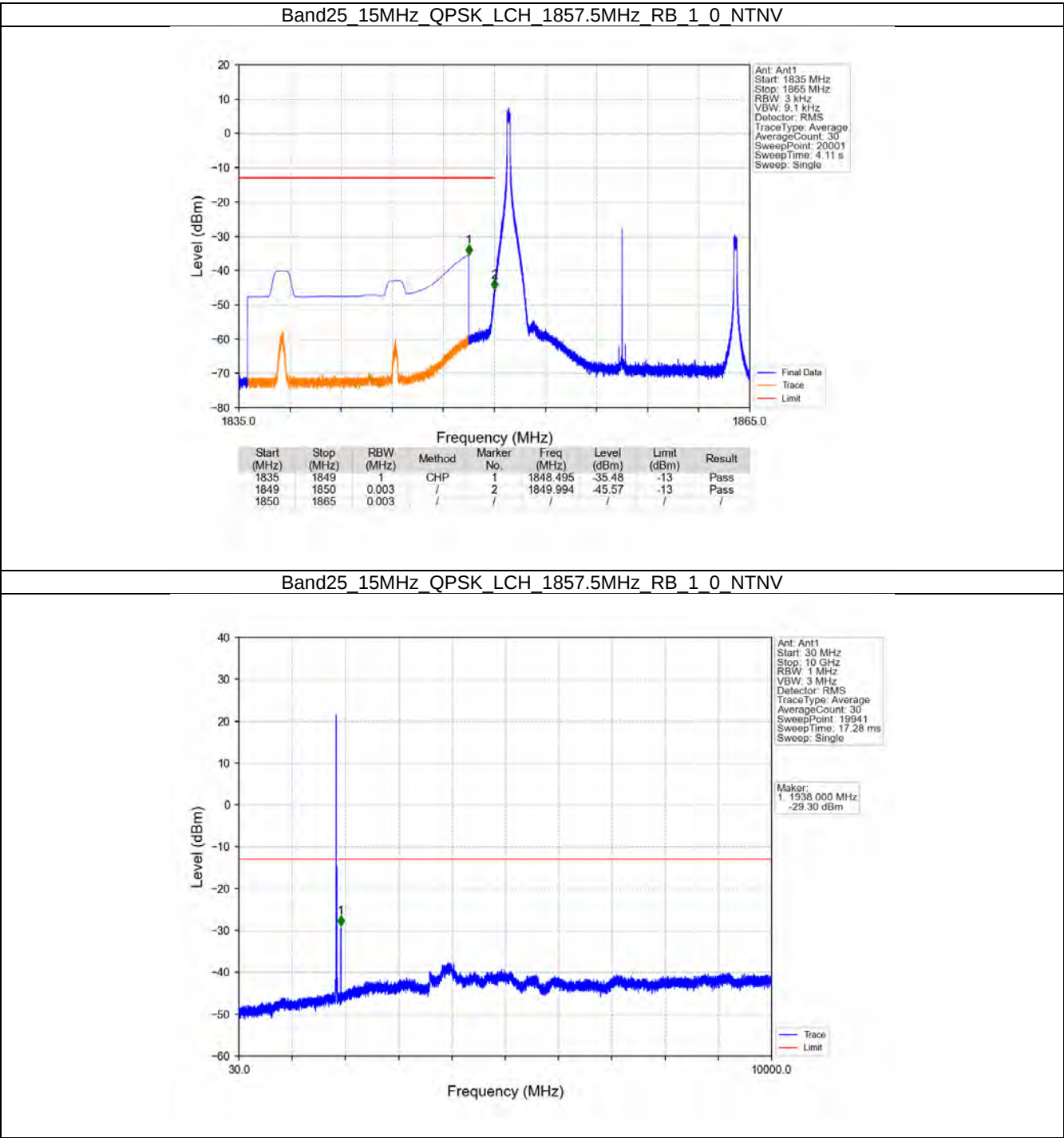
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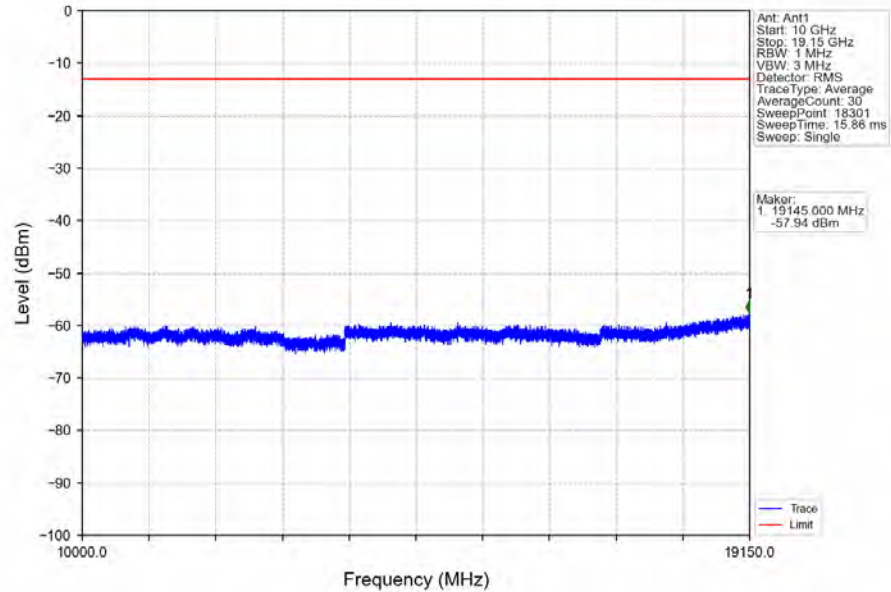
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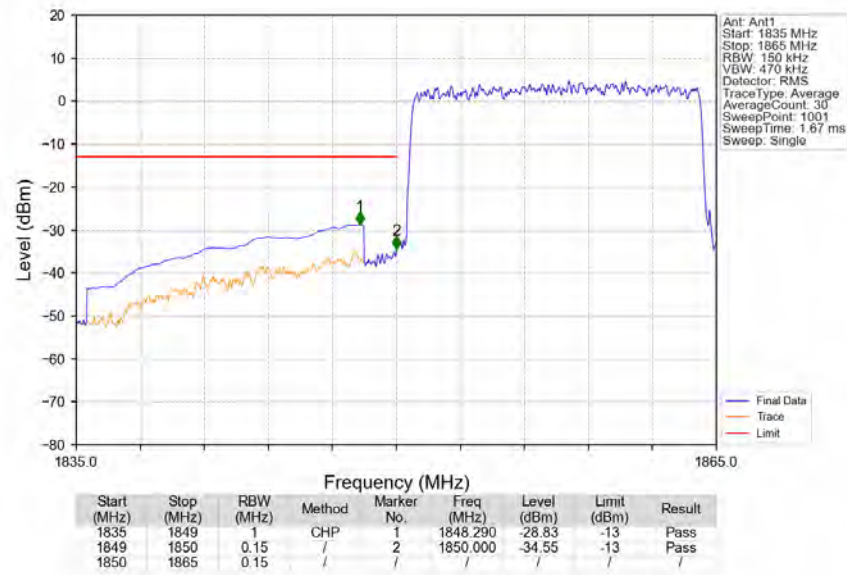
6.2.5 B25_15MHz



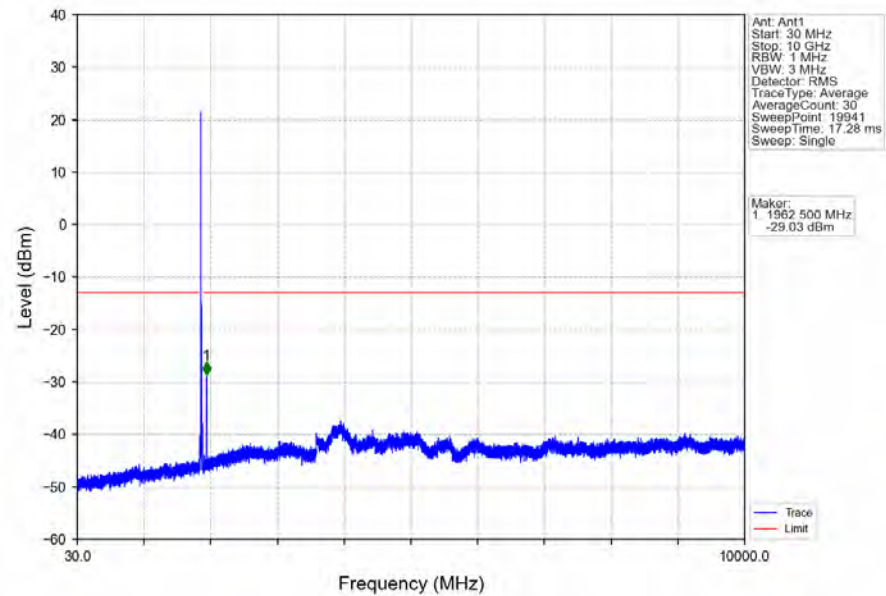
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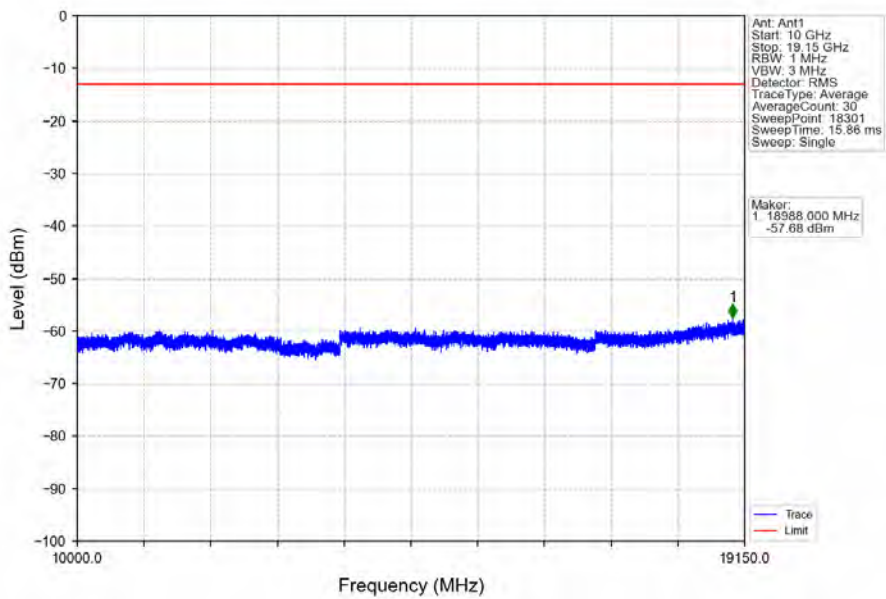
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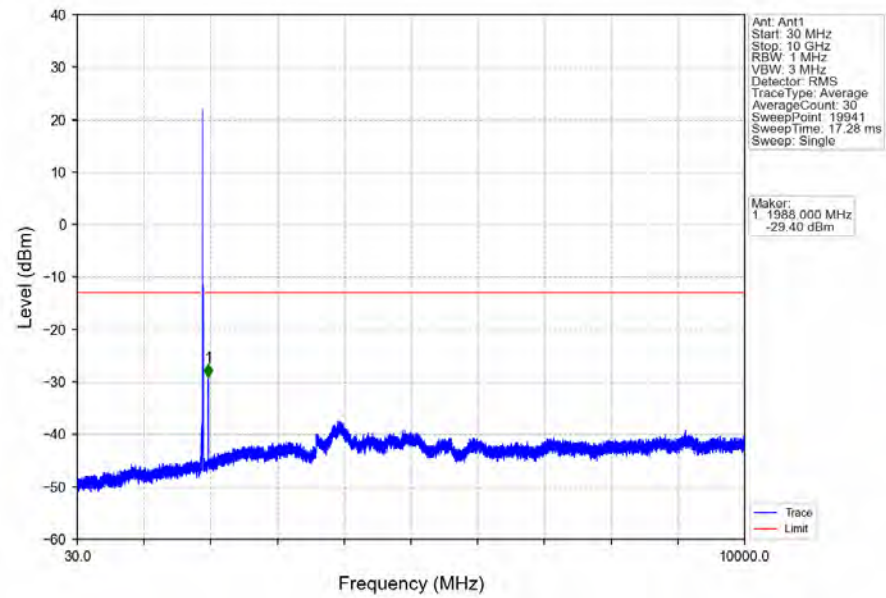
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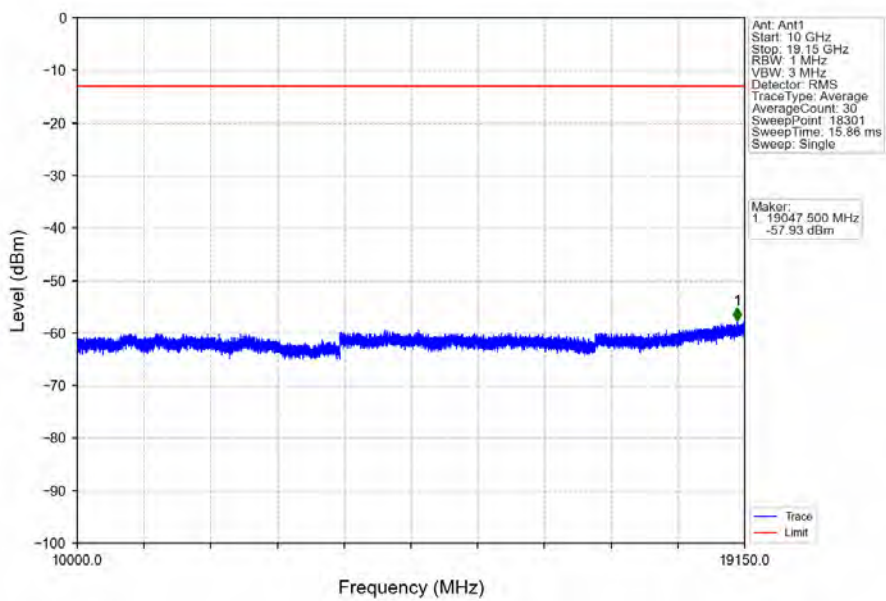
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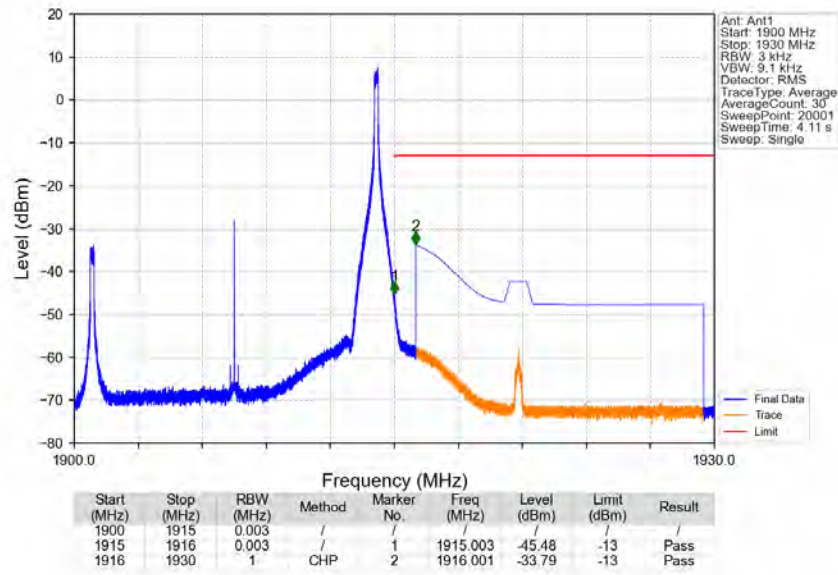
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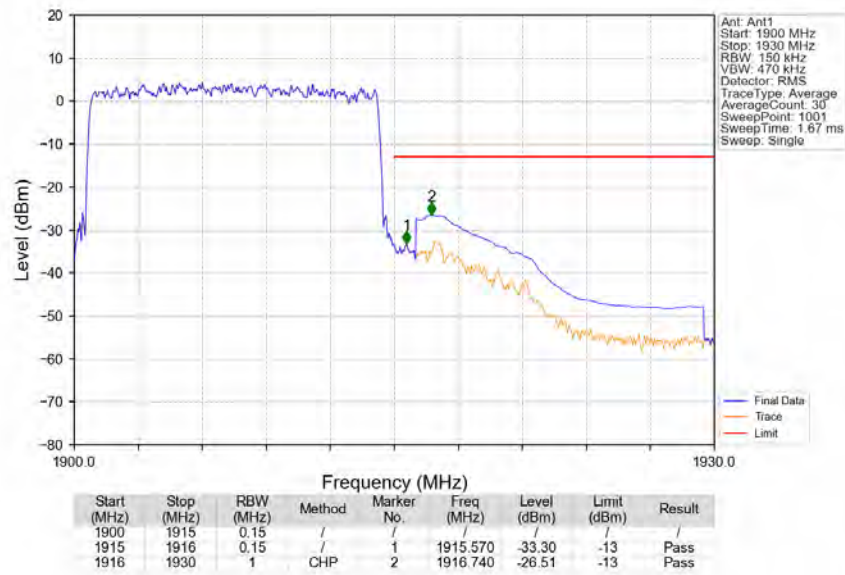
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Band25_15MHz_QPSK_HCH_1907.5MHz_RB_1_74_NTNV

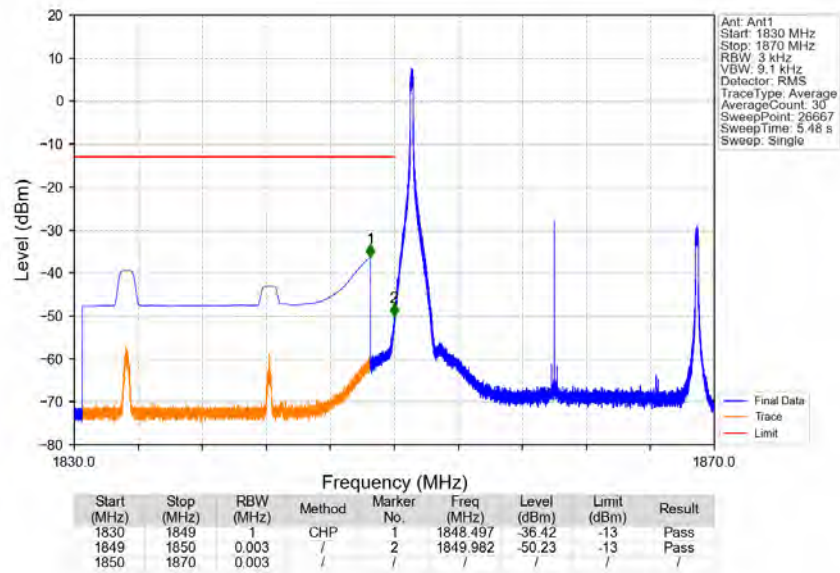


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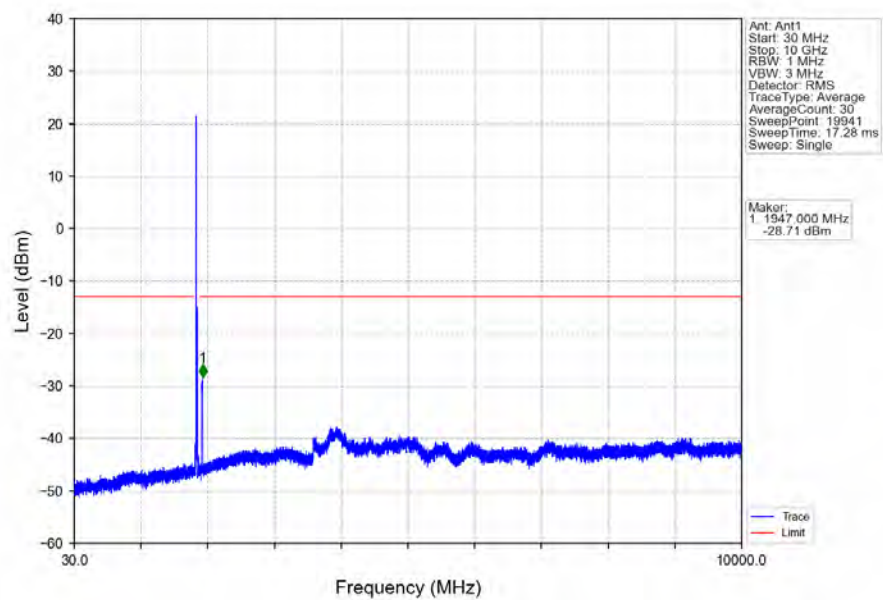


6.2.6 B25_20MHz

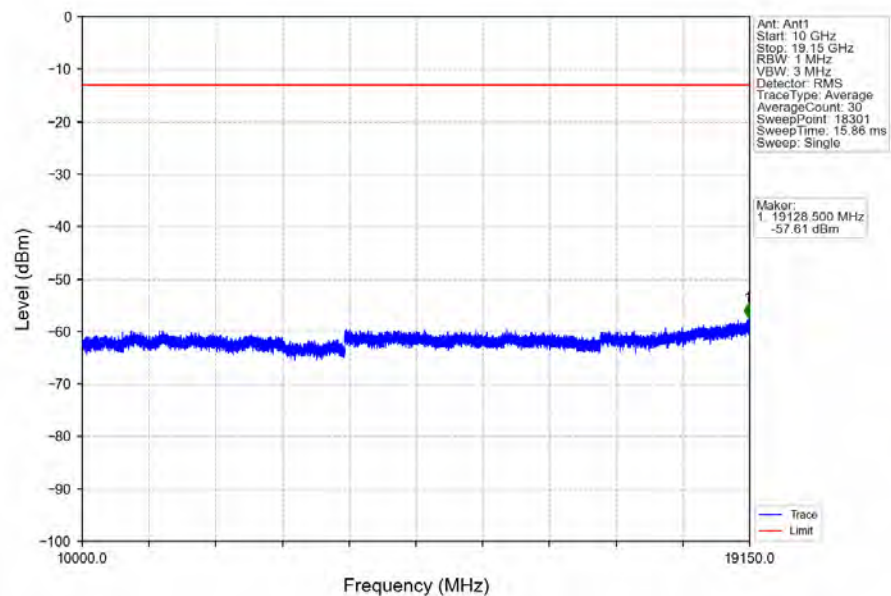
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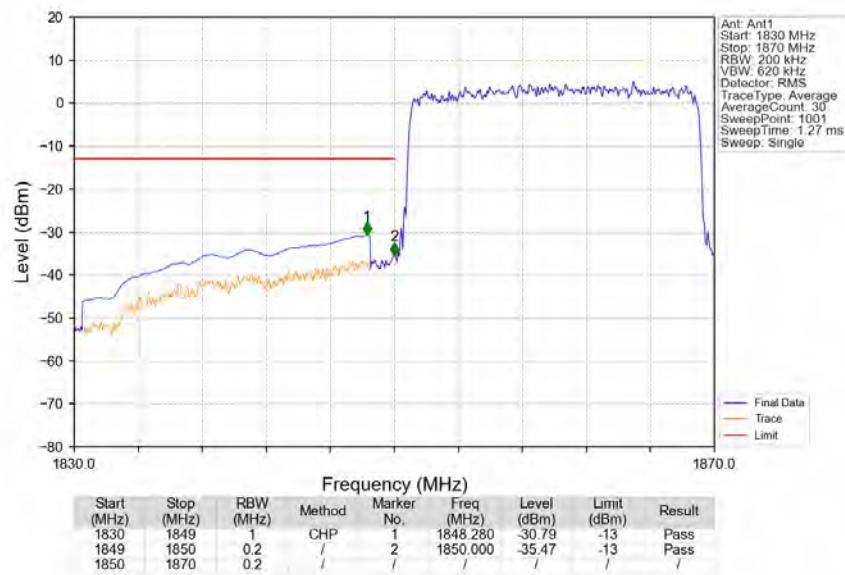
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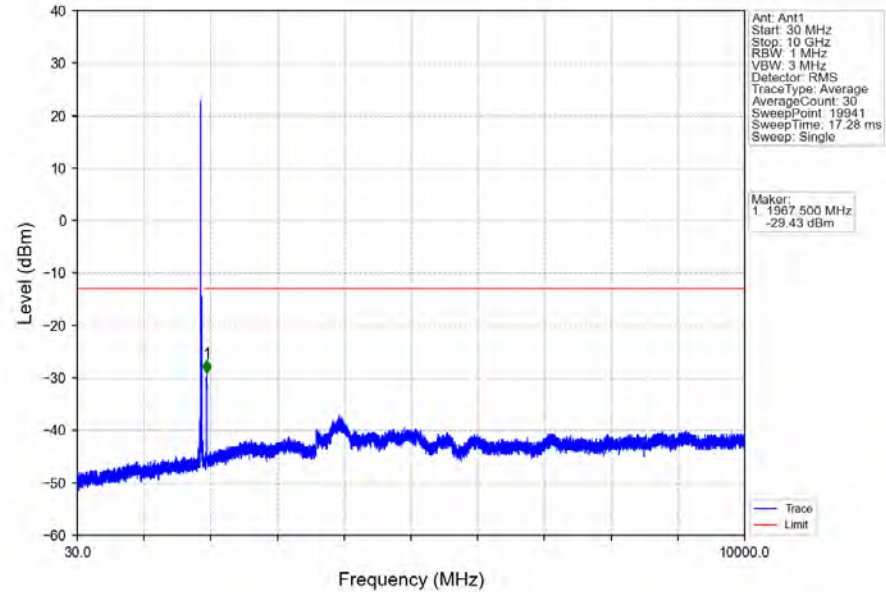
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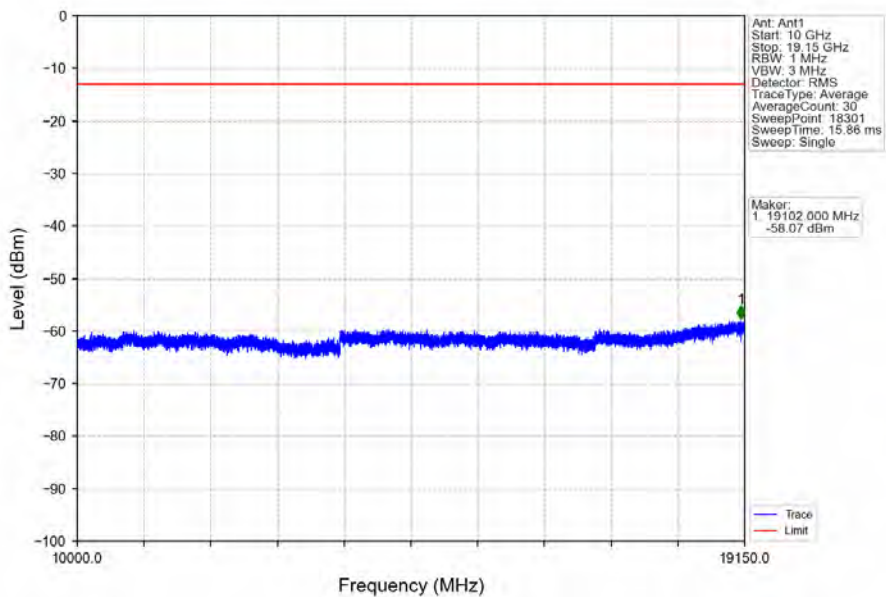
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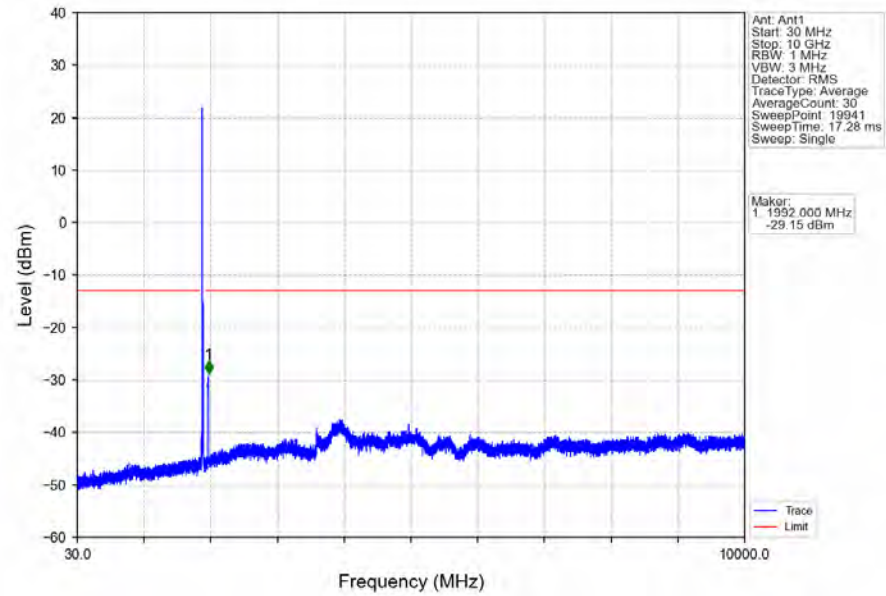
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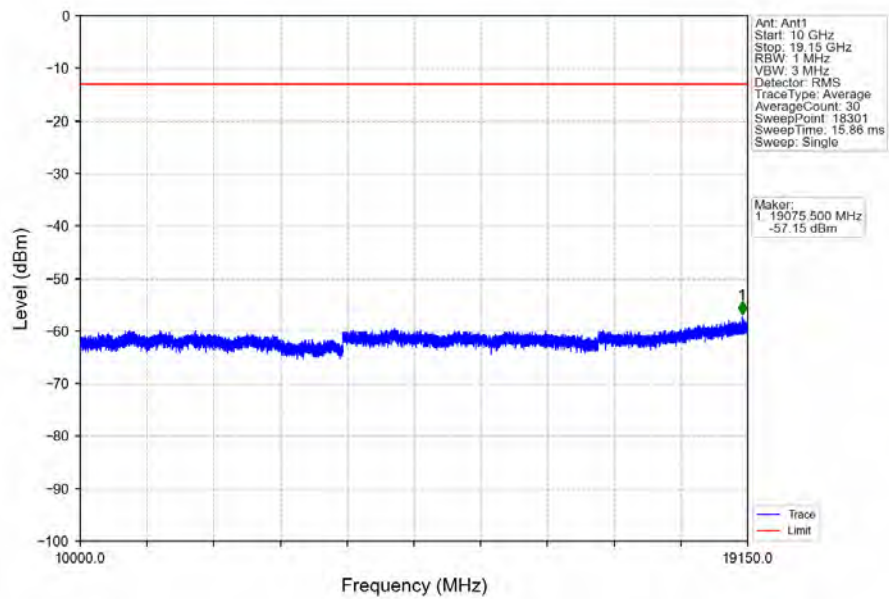
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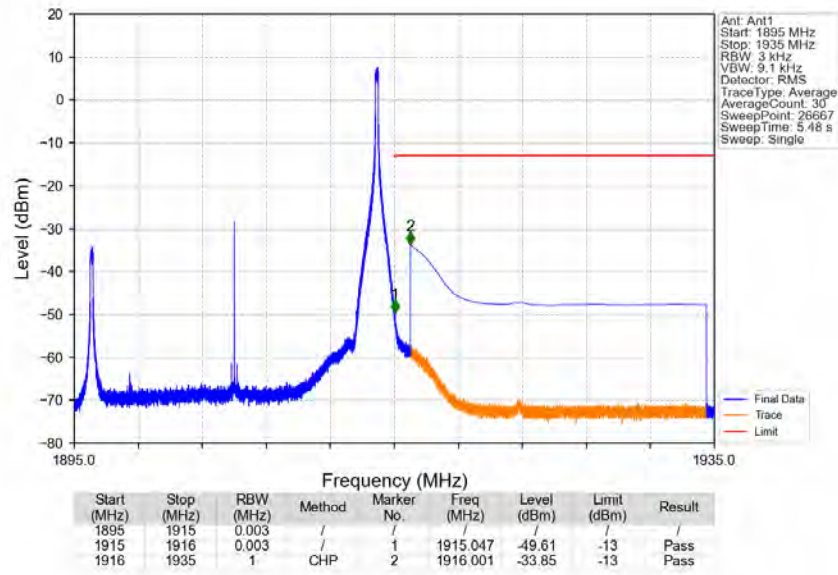
Band25 20MHz QPSK HCH 1905MHz RB 1_0 NTNV



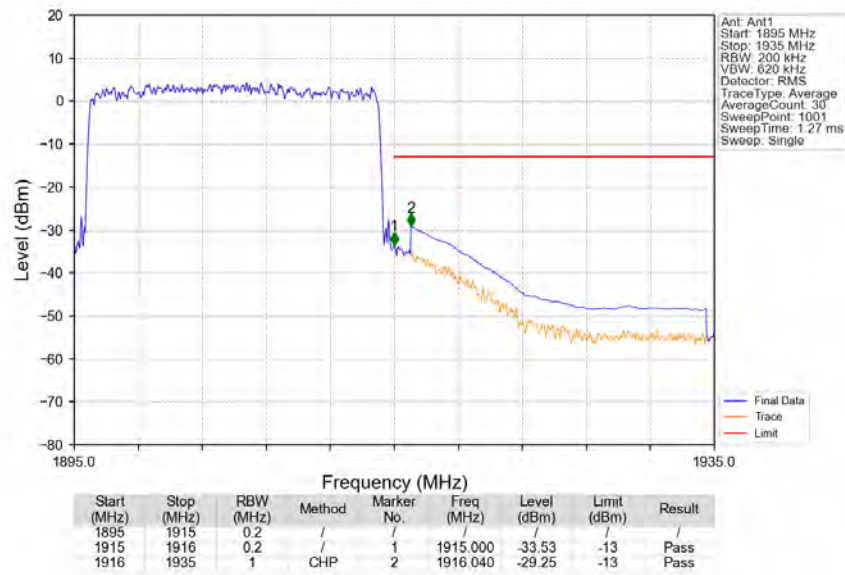
Band25 20MHz QPSK HCH 1905MHz RB 1_0 NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_1_99_NTNV



Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



6. Field Strength of Spurious Radiation

LTE Band 25-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3702.0	-57.39	-13	-44.39	-62.25	3.58	8.44	Horizontal	Pass
5553.0	-46.84	-13	-33.84	-52.55	4.74	10.45	Horizontal	Pass
7404.0	-55.34	-13	-42.34	-62.02	4.94	11.62	Horizontal	Pass
3702.0	-63.9	-13	-50.9	-68.76	3.58	8.44	Vertical	Pass
5553.0	-54.67	-13	-41.67	-60.38	4.74	10.45	Vertical	Pass
7404.0	-59.73	-13	-46.73	-66.41	4.94	11.62	Vertical	Pass

LTE Band 25-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3747.0	-60.71	-13	-47.71	-65.59	3.62	8.5	Horizontal	Pass
5620.5	-48.76	-13	-35.76	-54.47	4.74	10.45	Horizontal	Pass
7494.0	-57.49	-13	-44.49	-64.28	4.94	11.73	Horizontal	Pass
3747.0	-63.0	-13	-50.0	-67.88	3.62	8.5	Vertical	Pass
5620.5	-55.32	-13	-42.32	-61.03	4.74	10.45	Vertical	Pass
7494.0	-61.09	-13	-48.09	-67.88	4.94	11.73	Vertical	Pass

LTE Band 25-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3792.0	-66.34	-13	-53.34	-71.24	3.66	8.56	Horizontal	Pass
5688.0	-53.5	-13	-40.5	-59.2	4.75	10.45	Horizontal	Pass
7584.0	-61.27	-13	-48.27	-68.16	4.95	11.84	Horizontal	Pass
3792.0	-65.39	-13	-52.39	-70.29	3.66	8.56	Vertical	Pass
5688.0	-61.0	-13	-48.0	-66.7	4.75	10.45	Vertical	Pass
7584.0	-60.87	-13	-47.87	-67.76	4.95	11.84	Vertical	Pass

---End of Attachment---