

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	22.24	0.37	22.61	<=33.01	Pass		
			2	22.42	0.37	22.79	<=33.01	Pass		
			5	22.25	0.37	22.62	<=33.01	Pass		
		3	0	22.26	0.37	22.63	<=33.01	Pass		
			2	22.28	0.37	22.65	<=33.01	Pass		
			3	22.26	0.37	22.63	<=33.01	Pass		
		6	0	21.22	0.37	21.59	<=33.01	Pass		
		1882.5	1	0	22.27	0.37	22.64	<=33.01	Pass	
				2	22.47	0.37	22.84	<=33.01	Pass	
	5			22.27	0.37	22.64	<=33.01	Pass		
	3		0	22.34	0.37	22.71	<=33.01	Pass		
			2	22.37	0.37	22.74	<=33.01	Pass		
			3	22.31	0.37	22.68	<=33.01	Pass		
	6	0	21.36	0.37	21.73	<=33.01	Pass			
	1914.3	1	0	22.71	0.37	23.08	<=33.01	Pass		
			2	22.89	0.37	23.26	<=33.01	Pass		
			5	22.69	0.37	23.06	<=33.01	Pass		
		3	0	22.61	0.37	22.98	<=33.01	Pass		
			2	22.71	0.37	23.08	<=33.01	Pass		
			3	22.66	0.37	23.03	<=33.01	Pass		
		6	0	21.63	0.37	22.00	<=33.01	Pass		
		16QAM	1850.7	1	0	21.07	0.37	21.44	<=33.01	Pass
					2	21.19	0.37	21.56	<=33.01	Pass
	5				21.06	0.37	21.43	<=33.01	Pass	
3	0			21.26	0.37	21.63	<=33.01	Pass		
	2			21.28	0.37	21.65	<=33.01	Pass		
	3			21.25	0.37	21.62	<=33.01	Pass		
6	0			20.27	0.37	20.64	<=33.01	Pass		
1882.5	1			0	21.34	0.37	21.71	<=33.01	Pass	
				2	21.47	0.37	21.84	<=33.01	Pass	
			5	21.35	0.37	21.72	<=33.01	Pass		
	3		0	21.36	0.37	21.73	<=33.01	Pass		
			2	21.42	0.37	21.79	<=33.01	Pass		
			3	21.39	0.37	21.76	<=33.01	Pass		
6	0		20.34	0.37	20.71	<=33.01	Pass			
1914.3	1		0	21.50	0.37	21.87	<=33.01	Pass		
			2	21.66	0.37	22.03	<=33.01	Pass		
			5	21.50	0.37	21.87	<=33.01	Pass		
	3		0	21.77	0.37	22.14	<=33.01	Pass		
			2	21.83	0.37	22.20	<=33.01	Pass		
			3	21.80	0.37	22.17	<=33.01	Pass		
	6		0	20.70	0.37	21.07	<=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	22.38	0.37	22.75	<=33.01	Pass		
			7	22.67	0.37	23.04	<=33.01	Pass		
			14	22.38	0.37	22.75	<=33.01	Pass		
		8	0	21.32	0.37	21.69	<=33.01	Pass		
			4	21.35	0.37	21.72	<=33.01	Pass		
			7	21.33	0.37	21.70	<=33.01	Pass		
		15	0	21.28	0.37	21.65	<=33.01	Pass		
		1882.5	1	0	22.44	0.37	22.81	<=33.01	Pass	
				7	22.69	0.37	23.06	<=33.01	Pass	
	14			22.44	0.37	22.81	<=33.01	Pass		
	8		0	21.44	0.37	21.81	<=33.01	Pass		
			4	21.46	0.37	21.83	<=33.01	Pass		
			7	21.46	0.37	21.83	<=33.01	Pass		
	15		0	21.38	0.37	21.75	<=33.01	Pass		
	1913.5		1	0	22.73	0.37	23.10	<=33.01	Pass	
				7	22.95	0.37	23.32	<=33.01	Pass	
		14		22.78	0.37	23.15	<=33.01	Pass		
		8	0	21.73	0.37	22.10	<=33.01	Pass		
			4	21.79	0.37	22.16	<=33.01	Pass		
			7	21.75	0.37	22.12	<=33.01	Pass		
		15	0	21.71	0.37	22.08	<=33.01	Pass		
		16QAM	1851.5	1	0	21.21	0.37	21.58	<=33.01	Pass
					7	21.55	0.37	21.92	<=33.01	Pass
	14				21.14	0.37	21.51	<=33.01	Pass	
8	0			20.39	0.37	20.76	<=33.01	Pass		
	4			20.43	0.37	20.80	<=33.01	Pass		
	7			20.36	0.37	20.73	<=33.01	Pass		
15	0			20.35	0.37	20.72	<=33.01	Pass		
1882.5	1			0	21.51	0.37	21.88	<=33.01	Pass	
				7	21.69	0.37	22.06	<=33.01	Pass	
			14	21.47	0.37	21.84	<=33.01	Pass		
	8		0	20.45	0.37	20.82	<=33.01	Pass		
			4	20.49	0.37	20.86	<=33.01	Pass		
			7	20.43	0.37	20.80	<=33.01	Pass		
	15		0	20.34	0.37	20.71	<=33.01	Pass		
	1913.5		1	0	21.86	0.37	22.23	<=33.01	Pass	
				7	22.16	0.37	22.53	<=33.01	Pass	
14				21.95	0.37	22.32	<=33.01	Pass		
8			0	20.76	0.37	21.13	<=33.01	Pass		
			4	20.84	0.37	21.21	<=33.01	Pass		
			7	20.79	0.37	21.16	<=33.01	Pass		
15			0	20.73	0.37	21.10	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B25_5MHz_EIRP

1.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	22.11	0.37	22.48	<=33.01	Pass
			13	22.15	0.37	22.52	<=33.01	Pass
			24	22.03	0.37	22.40	<=33.01	Pass

16QAM	1882.5	12	0	21.21	0.37	21.58	<=33.01	Pass	
			6	21.21	0.37	21.58	<=33.01	Pass	
			13	21.13	0.37	21.50	<=33.01	Pass	
		25	0	21.21	0.37	21.58	<=33.01	Pass	
			1	0	22.27	0.37	22.64	<=33.01	Pass
				13	22.38	0.37	22.75	<=33.01	Pass
		24		22.25	0.37	22.62	<=33.01	Pass	
		12	0	21.31	0.37	21.68	<=33.01	Pass	
			6	21.40	0.37	21.77	<=33.01	Pass	
	13		21.34	0.37	21.71	<=33.01	Pass		
	25		0	21.32	0.37	21.69	<=33.01	Pass	
			1	0	22.49	0.37	22.86	<=33.01	Pass
				13	22.64	0.37	23.01	<=33.01	Pass
	24	22.62		0.37	22.99	<=33.01	Pass		
	1912.5	12	0	21.58	0.37	21.95	<=33.01	Pass	
			6	21.63	0.37	22.00	<=33.01	Pass	
			13	21.54	0.37	21.91	<=33.01	Pass	
		25	0	21.58	0.37	21.95	<=33.01	Pass	
			1	0	21.34	0.37	21.71	<=33.01	Pass
				13	21.43	0.37	21.80	<=33.01	Pass
		24		21.31	0.37	21.68	<=33.01	Pass	
		12	0	20.31	0.37	20.68	<=33.01	Pass	
			6	20.35	0.37	20.72	<=33.01	Pass	
	13		20.26	0.37	20.63	<=33.01	Pass		
25	0		20.27	0.37	20.64	<=33.01	Pass		
	1		0	21.31	0.37	21.68	<=33.01	Pass	
			13	21.40	0.37	21.77	<=33.01	Pass	
24		21.33	0.37	21.70	<=33.01	Pass			
12	0	20.29	0.37	20.66	<=33.01	Pass			
	6	20.38	0.37	20.75	<=33.01	Pass			
	13	20.33	0.37	20.70	<=33.01	Pass			
	25	0	20.34	0.37	20.71	<=33.01	Pass		
		1	0	21.58	0.37	21.95	<=33.01	Pass	
			13	21.80	0.37	22.17	<=33.01	Pass	
24	21.76		0.37	22.13	<=33.01	Pass			
12	0	20.64	0.37	21.01	<=33.01	Pass			
	6	20.67	0.37	21.04	<=33.01	Pass			
	13	20.59	0.37	20.96	<=33.01	Pass			
	25	0	20.64	0.37	21.01	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	22.27	0.37	22.64	<=33.01	Pass
			25	22.42	0.37	22.79	<=33.01	Pass
			49	22.13	0.37	22.50	<=33.01	Pass
		25	0	21.27	0.37	21.64	<=33.01	Pass
			13	21.21	0.37	21.58	<=33.01	Pass
			25	21.19	0.37	21.56	<=33.01	Pass
	50	0	21.22	0.37	21.59	<=33.01	Pass	
		1	0	22.33	0.37	22.70	<=33.01	Pass
			25	22.51	0.37	22.88	<=33.01	Pass

		25	49	22.26	0.37	22.63	<=33.01	Pass		
			0	21.43	0.37	21.80	<=33.01	Pass		
			13	21.43	0.37	21.80	<=33.01	Pass		
			25	21.42	0.37	21.79	<=33.01	Pass		
			50	21.42	0.37	21.79	<=33.01	Pass		
	1910	1	0	22.36	0.37	22.73	<=33.01	Pass		
			25	22.79	0.37	23.16	<=33.01	Pass		
			49	22.63	0.37	23.00	<=33.01	Pass		
		25	0	21.56	0.37	21.93	<=33.01	Pass		
			13	21.60	0.37	21.97	<=33.01	Pass		
			25	21.57	0.37	21.94	<=33.01	Pass		
		50	21.56	0.37	21.93	<=33.01	Pass			
		16QAM	1855	1	0	21.02	0.37	21.39	<=33.01	Pass
					25	21.21	0.37	21.58	<=33.01	Pass
	49				20.92	0.37	21.29	<=33.01	Pass	
25	0			20.32	0.37	20.69	<=33.01	Pass		
	13			20.26	0.37	20.63	<=33.01	Pass		
	25			20.24	0.37	20.61	<=33.01	Pass		
50	20.27		0.37	20.64	<=33.01	Pass				
1882.5	1		0	21.40	0.37	21.77	<=33.01	Pass		
			25	21.59	0.37	21.96	<=33.01	Pass		
			49	21.33	0.37	21.70	<=33.01	Pass		
	25		0	20.50	0.37	20.87	<=33.01	Pass		
			13	20.47	0.37	20.84	<=33.01	Pass		
			25	20.49	0.37	20.86	<=33.01	Pass		
50	20.44		0.37	20.81	<=33.01	Pass				
1910	1		0	21.46	0.37	21.83	<=33.01	Pass		
		25	21.84	0.37	22.21	<=33.01	Pass			
		49	21.76	0.37	22.13	<=33.01	Pass			
	25	0	20.65	0.37	21.02	<=33.01	Pass			
		13	20.70	0.37	21.07	<=33.01	Pass			
		25	20.65	0.37	21.02	<=33.01	Pass			
	50	20.62	0.37	20.99	<=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	22.09	0.37	22.46	<=33.01	Pass	
			38	22.16	0.37	22.53	<=33.01	Pass	
			74	21.99	0.37	22.36	<=33.01	Pass	
		36	0	21.27	0.37	21.64	<=33.01	Pass	
			18	21.17	0.37	21.54	<=33.01	Pass	
			39	21.13	0.37	21.50	<=33.01	Pass	
		75	0	21.27	0.37	21.64	<=33.01	Pass	
		1882.5	1	0	22.18	0.37	22.55	<=33.01	Pass
				38	22.37	0.37	22.74	<=33.01	Pass
	74			22.08	0.37	22.45	<=33.01	Pass	
	36		0	21.43	0.37	21.80	<=33.01	Pass	
			18	21.45	0.37	21.82	<=33.01	Pass	
			39	21.34	0.37	21.71	<=33.01	Pass	
	75	0	21.40	0.37	21.77	<=33.01	Pass		
	1907.5	1	0	22.13	0.37	22.50	<=33.01	Pass	

16QAM	1857.5	36	38	22.51	0.37	22.88	<=33.01	Pass	
			74	22.47	0.37	22.84	<=33.01	Pass	
			0	21.41	0.37	21.78	<=33.01	Pass	
		75	18	21.55	0.37	21.92	<=33.01	Pass	
			39	21.57	0.37	21.94	<=33.01	Pass	
			0	21.51	0.37	21.88	<=33.01	Pass	
	1882.5	1	0	21.15	0.37	21.52	<=33.01	Pass	
			38	21.19	0.37	21.56	<=33.01	Pass	
			74	21.04	0.37	21.41	<=33.01	Pass	
		36	0	20.28	0.37	20.65	<=33.01	Pass	
			18	20.26	0.37	20.63	<=33.01	Pass	
			39	20.16	0.37	20.53	<=33.01	Pass	
		75	0	20.31	0.37	20.68	<=33.01	Pass	
			1	0	21.24	0.37	21.61	<=33.01	Pass
				38	21.39	0.37	21.76	<=33.01	Pass
74	21.15	0.37		21.52	<=33.01	Pass			
1907.5	36	0	20.43	0.37	20.80	<=33.01	Pass		
		18	20.47	0.37	20.84	<=33.01	Pass		
		39	20.38	0.37	20.75	<=33.01	Pass		
	75	0	20.35	0.37	20.72	<=33.01	Pass		
		1	0	21.26	0.37	21.63	<=33.01	Pass	
			38	21.57	0.37	21.94	<=33.01	Pass	
	74		21.61	0.37	21.98	<=33.01	Pass		
	36	0	20.43	0.37	20.80	<=33.01	Pass		
		18	20.58	0.37	20.95	<=33.01	Pass		
39		20.61	0.37	20.98	<=33.01	Pass			
75	0	20.50	0.37	20.87	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B25_20MHz_EIRP

1.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	21.88	0.37	22.25	<=33.01	Pass	
			50	22.22	0.37	22.59	<=33.01	Pass	
			99	21.94	0.37	22.31	<=33.01	Pass	
		50	0	21.24	0.37	21.61	<=33.01	Pass	
			25	21.13	0.37	21.50	<=33.01	Pass	
			50	21.14	0.37	21.51	<=33.01	Pass	
		100	0	21.25	0.37	21.62	<=33.01	Pass	
		1882.5	1	0	21.98	0.37	22.35	<=33.01	Pass
				50	22.55	0.37	22.92	<=33.01	Pass
	99			21.94	0.37	22.31	<=33.01	Pass	
	50		0	21.33	0.37	21.70	<=33.01	Pass	
			25	21.35	0.37	21.72	<=33.01	Pass	
			50	21.29	0.37	21.66	<=33.01	Pass	
	100		0	21.33	0.37	21.70	<=33.01	Pass	
	1905		1	0	21.84	0.37	22.21	<=33.01	Pass
				50	22.57	0.37	22.94	<=33.01	Pass
		99		22.30	0.37	22.67	<=33.01	Pass	
		50	0	21.31	0.37	21.68	<=33.01	Pass	
			25	21.37	0.37	21.74	<=33.01	Pass	
			50	21.39	0.37	21.76	<=33.01	Pass	
		100	0	21.36	0.37	21.73	<=33.01	Pass	

16QAM	1860	1	0	20.65	0.37	21.02	<=33.01	Pass	
			50	21.03	0.37	21.40	<=33.01	Pass	
			99	20.75	0.37	21.12	<=33.01	Pass	
		50	0	20.34	0.37	20.71	<=33.01	Pass	
			25	20.23	0.37	20.60	<=33.01	Pass	
			50	20.23	0.37	20.60	<=33.01	Pass	
		100	0	20.26	0.37	20.63	<=33.01	Pass	
			1	0	20.80	0.37	21.17	<=33.01	Pass
				50	21.29	0.37	21.66	<=33.01	Pass
	99	20.78		0.37	21.15	<=33.01	Pass		
	1882.5	50	0	20.39	0.37	20.76	<=33.01	Pass	
			25	20.40	0.37	20.77	<=33.01	Pass	
			50	20.34	0.37	20.71	<=33.01	Pass	
		100	0	20.39	0.37	20.76	<=33.01	Pass	
			1	0	20.95	0.37	21.32	<=33.01	Pass
				50	21.56	0.37	21.93	<=33.01	Pass
	99	21.37		0.37	21.74	<=33.01	Pass		
	1905	50	0	20.35	0.37	20.72	<=33.01	Pass	
			25	20.41	0.37	20.78	<=33.01	Pass	
			50	20.42	0.37	20.79	<=33.01	Pass	
		100	0	20.39	0.37	20.76	<=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	-9.813	-0.0053	-2.5 to 2.5	Pass	
					3.85	0.215	0.0001	-2.5 to 2.5	Pass	
					4.43	-4.892	-0.0026	-2.5 to 2.5	Pass	
				-30	3.85	-10.214	-0.0055	-2.5 to 2.5	Pass	
					-20	3.85	-9.527	-0.0051	-2.5 to 2.5	Pass
						-10	3.85	-6.237	-0.0034	-2.5 to 2.5
				0	3.85	-8.054	-0.0044	-2.5 to 2.5	Pass	
					10	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-6.981	-0.0038	-2.5 to 2.5	Pass	
					40	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-8.826	-0.0048	-2.5 to 2.5	Pass	
				1882.5	6	0	20	3.27	-15.864	-0.0084
	3.85	-6.738	-0.0036					-2.5 to 2.5	Pass	
	4.43	-3.591	-0.0019					-2.5 to 2.5	Pass	
	-30	3.85	-8.097				-0.0043	-2.5 to 2.5	Pass	
		-20	3.85				-2.031	-0.0011	-2.5 to 2.5	Pass
			-10				3.85	-3.562	-0.0019	-2.5 to 2.5
	0	3.85	-13.947				-0.0074	-2.5 to 2.5	Pass	
		10	3.85				-10.843	-0.0058	-2.5 to 2.5	Pass
	30	3.85	-5.465				-0.0029	-2.5 to 2.5	Pass	
		40	3.85				-4.478	-0.0024	-2.5 to 2.5	Pass
	50	3.85	-5.207				-0.0028	-2.5 to 2.5	Pass	
	1914.3	6	0				20	3.27	4.950	0.0026
				3.85	-4.735	-0.0025		-2.5 to 2.5	Pass	

					4.43	-2.975	-0.0016	-2.5 to 2.5	Pass	
				-30	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass	
				-20	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass	
				-10	3.85	-9.756	-0.0051	-2.5 to 2.5	Pass	
				0	3.85	-10.114	-0.0053	-2.5 to 2.5	Pass	
				10	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass	
				30	3.85	-4.177	-0.0022	-2.5 to 2.5	Pass	
				40	3.85	-6.108	-0.0032	-2.5 to 2.5	Pass	
				50	3.85	-7.682	-0.0040	-2.5 to 2.5	Pass	
16QAM	1850.7	6	0	20	3.27	-2.732	-0.0015	-2.5 to 2.5	Pass	
					3.85	-5.779	-0.0031	-2.5 to 2.5	Pass	
					4.43	-5.579	-0.0030	-2.5 to 2.5	Pass	
				-30	3.85	-8.926	-0.0048	-2.5 to 2.5	Pass	
					-20	3.85	-3.262	-0.0018	-2.5 to 2.5	Pass
						-10	3.85	-11.215	-0.0061	-2.5 to 2.5
				0	3.85	-10.757	-0.0058	-2.5 to 2.5	Pass	
					10	3.85	-11.315	-0.0061	-2.5 to 2.5	Pass
					30	3.85	-9.570	-0.0052	-2.5 to 2.5	Pass
	40	3.85	-4.120		-0.0022	-2.5 to 2.5	Pass			
	50	3.85	-15.879		-0.0086	-2.5 to 2.5	Pass			
	20	3.27	-6.323		-0.0034	-2.5 to 2.5	Pass			
		3.85	-17.552		-0.0093	-2.5 to 2.5	Pass			
		4.43	-11.330		-0.0060	-2.5 to 2.5	Pass			
	-30	3.85	-9.155	-0.0049	-2.5 to 2.5	Pass				
		-20	3.85	-13.404	-0.0071	-2.5 to 2.5	Pass			
			-10	3.85	-8.211	-0.0044	-2.5 to 2.5	Pass		
	0	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass				
		10	3.85	-11.187	-0.0059	-2.5 to 2.5	Pass			
		30	3.85	-13.318	-0.0071	-2.5 to 2.5	Pass			
		40	3.85	-14.920	-0.0079	-2.5 to 2.5	Pass			
		50	3.85	-8.039	-0.0043	-2.5 to 2.5	Pass			
		20	3.27	-10.085	-0.0053	-2.5 to 2.5	Pass			
			3.85	-3.090	-0.0016	-2.5 to 2.5	Pass			
			4.43	-2.875	-0.0015	-2.5 to 2.5	Pass			
	-30	3.85	-9.913	-0.0052	-2.5 to 2.5	Pass				
		-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass			
-10			3.85	-6.237	-0.0033	-2.5 to 2.5	Pass			
0	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass					
	10	3.85	-13.719	-0.0072	-2.5 to 2.5	Pass				
	30	3.85	-2.475	-0.0013	-2.5 to 2.5	Pass				
	40	3.85	-6.437	-0.0034	-2.5 to 2.5	Pass				
	50	3.85	-11.044	-0.0058	-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	-11.559	-0.0062	-2.5 to 2.5	Pass	
					3.85	-5.207	-0.0028	-2.5 to 2.5	Pass	
					4.43	-7.381	-0.0040	-2.5 to 2.5	Pass	
				-30	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass	
					-20	3.85	-11.230	-0.0061	-2.5 to 2.5	Pass
						-10	3.85	-7.296	-0.0039	-2.5 to 2.5
				0	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass	
					3.85	-7.825	-0.0042	-2.5 to 2.5	Pass	

				10	3.85	-7.539	-0.0041	-2.5 to 2.5	Pass	
				30	3.85	-4.320	-0.0023	-2.5 to 2.5	Pass	
				40	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass	
				50	3.85	-7.510	-0.0041	-2.5 to 2.5	Pass	
	1882.5	15	0	20	3.27	-11.244	-0.0060	-2.5 to 2.5	Pass	
					3.85	-2.718	-0.0014	-2.5 to 2.5	Pass	
					4.43	-13.375	-0.0071	-2.5 to 2.5	Pass	
				-30	3.85	-6.108	-0.0032	-2.5 to 2.5	Pass	
				-20	3.85	-14.977	-0.0080	-2.5 to 2.5	Pass	
				-10	3.85	-7.482	-0.0040	-2.5 to 2.5	Pass	
				0	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass	
				10	3.85	0.172	0.0001	-2.5 to 2.5	Pass	
				30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass	
				40	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass	
				50	3.85	-4.520	-0.0024	-2.5 to 2.5	Pass	
				1913.5	15	0	20	3.27	-6.223	-0.0033
	3.85	-1.273	-0.0007					-2.5 to 2.5	Pass	
	4.43	-1.717	-0.0009					-2.5 to 2.5	Pass	
	-30	3.85	-1.545				-0.0008	-2.5 to 2.5	Pass	
	-20	3.85	1.760				0.0009	-2.5 to 2.5	Pass	
	-10	3.85	-7.482				-0.0039	-2.5 to 2.5	Pass	
	0	3.85	1.159				0.0006	-2.5 to 2.5	Pass	
	10	3.85	-3.004				-0.0016	-2.5 to 2.5	Pass	
	30	3.85	-0.772				-0.0004	-2.5 to 2.5	Pass	
	40	3.85	-3.490				-0.0018	-2.5 to 2.5	Pass	
	50	3.85	1.216				0.0006	-2.5 to 2.5	Pass	
	16QAM	1851.5	15				0	20	3.27	-5.164
				3.85	-4.492	-0.0024			-2.5 to 2.5	Pass
				4.43	-7.339	-0.0040			-2.5 to 2.5	Pass
				-30	3.85	-9.227		-0.0050	-2.5 to 2.5	Pass
-20				3.85	-5.393	-0.0029		-2.5 to 2.5	Pass	
-10				3.85	-9.999	-0.0054		-2.5 to 2.5	Pass	
0				3.85	-10.486	-0.0057		-2.5 to 2.5	Pass	
10				3.85	-12.274	-0.0066		-2.5 to 2.5	Pass	
30				3.85	-9.499	-0.0051		-2.5 to 2.5	Pass	
40				3.85	-10.643	-0.0057		-2.5 to 2.5	Pass	
50				3.85	-1.159	-0.0006		-2.5 to 2.5	Pass	
1882.5				15	0	20		3.27	-10.586	-0.0056
		3.85	-6.137				-0.0033	-2.5 to 2.5	Pass	
		4.43	-8.984				-0.0048	-2.5 to 2.5	Pass	
		-30	3.85			-7.710	-0.0041	-2.5 to 2.5	Pass	
		-20	3.85			-6.409	-0.0034	-2.5 to 2.5	Pass	
		-10	3.85			-1.330	-0.0007	-2.5 to 2.5	Pass	
		0	3.85			-3.204	-0.0017	-2.5 to 2.5	Pass	
		10	3.85			-6.866	-0.0036	-2.5 to 2.5	Pass	
		30	3.85			-0.272	-0.0001	-2.5 to 2.5	Pass	
		40	3.85			-8.211	-0.0044	-2.5 to 2.5	Pass	
		50	3.85			-14.434	-0.0077	-2.5 to 2.5	Pass	
		1913.5	15			0	20	3.27	-1.817	-0.0009
3.85				-2.947	-0.0015			-2.5 to 2.5	Pass	
4.43				-8.297	-0.0043			-2.5 to 2.5	Pass	
-30				3.85	-0.215		-0.0001	-2.5 to 2.5	Pass	
-20				3.85	-5.522		-0.0029	-2.5 to 2.5	Pass	
-10				3.85	-1.774		-0.0009	-2.5 to 2.5	Pass	
0				3.85	-3.805		-0.0020	-2.5 to 2.5	Pass	
10				3.85	-3.977		-0.0021	-2.5 to 2.5	Pass	
30	3.85			-7.782	-0.0041		-2.5 to 2.5	Pass		
40	3.85			2.518	0.0013		-2.5 to 2.5	Pass		
50	3.85			-6.866	-0.0036		-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	-5.507	-0.0030	-2.5 to 2.5	Pass	
					3.85	-4.892	-0.0026	-2.5 to 2.5	Pass	
					4.43	-2.675	-0.0014	-2.5 to 2.5	Pass	
				-30	3.85	-8.354	-0.0045	-2.5 to 2.5	Pass	
					-20	3.85	-7.725	-0.0042	-2.5 to 2.5	Pass
						3.85	-5.865	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0031	-2.5 to 2.5	Pass	
					10	3.85	-6.552	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-6.652	-0.0036	-2.5 to 2.5	Pass	
	40	3.85	-7.281	-0.0039	-2.5 to 2.5	Pass				
	50	3.85	-7.739	-0.0042	-2.5 to 2.5	Pass				
	1882.5	25	0	20	3.27	-5.379	-0.0029	-2.5 to 2.5	Pass	
					3.85	-6.680	-0.0035	-2.5 to 2.5	Pass	
					4.43	-1.173	-0.0006	-2.5 to 2.5	Pass	
				-30	3.85	-6.623	-0.0035	-2.5 to 2.5	Pass	
					-20	3.85	-3.476	-0.0018	-2.5 to 2.5	Pass
						3.85	-8.569	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass	
					10	3.85	2.146	0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.220	-0.0022	-2.5 to 2.5	Pass	
	40	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass				
	50	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass				
	1912.5	25	0	20	3.27	-14.477	-0.0076	-2.5 to 2.5	Pass	
					3.85	-14.048	-0.0073	-2.5 to 2.5	Pass	
					4.43	-9.212	-0.0048	-2.5 to 2.5	Pass	
				-30	3.85	-6.080	-0.0032	-2.5 to 2.5	Pass	
					-20	3.85	-6.909	-0.0036	-2.5 to 2.5	Pass
3.85						-6.237	-0.0033	-2.5 to 2.5	Pass	
-10				3.85	-5.536	-0.0029	-2.5 to 2.5	Pass		
				10	3.85	-10.972	-0.0057	-2.5 to 2.5	Pass	
30				3.85	-9.699	-0.0051	-2.5 to 2.5	Pass		
40	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass					
50	3.85	-11.044	-0.0058	-2.5 to 2.5	Pass					
16QAM	1852.5	25	0	20	3.27	-6.824	-0.0037	-2.5 to 2.5	Pass	
					3.85	-7.281	-0.0039	-2.5 to 2.5	Pass	
					4.43	-6.266	-0.0034	-2.5 to 2.5	Pass	
				-30	3.85	-9.542	-0.0052	-2.5 to 2.5	Pass	
					-20	3.85	-9.685	-0.0052	-2.5 to 2.5	Pass
						3.85	-13.289	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass	
					10	3.85	-15.121	-0.0082	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0032	-2.5 to 2.5	Pass	
	40	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass				
	50	3.85	-5.865	-0.0032	-2.5 to 2.5	Pass				
	1882.5	25	0	20	3.27	-1.216	-0.0006	-2.5 to 2.5	Pass	
					3.85	-7.153	-0.0038	-2.5 to 2.5	Pass	
					4.43	-3.061	-0.0016	-2.5 to 2.5	Pass	
				-30	3.85	-12.317	-0.0065	-2.5 to 2.5	Pass	
					-20	3.85	-10.471	-0.0056	-2.5 to 2.5	Pass

				-10	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.954	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-7.653	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-10.715	-0.0057	-2.5 to 2.5	Pass
	50	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass			
	1912.5	25	0	20	3.27	-13.461	-0.0070	-2.5 to 2.5	Pass
					3.85	-7.925	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-8.998	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-9.627	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-11.544	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-1.917	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-11.888	-0.0062	-2.5 to 2.5	Pass
				30	3.85	-9.556	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-11.730	-0.0061	-2.5 to 2.5	Pass
				50	3.85	-6.380	-0.0033	-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	-3.376	-0.0018	-2.5 to 2.5	Pass			
					3.85	-3.490	-0.0019	-2.5 to 2.5	Pass			
					4.43	-2.232	-0.0012	-2.5 to 2.5	Pass			
				-30	3.85	-5.336	-0.0029	-2.5 to 2.5	Pass			
				-20	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass			
				-10	3.85	-4.892	-0.0026	-2.5 to 2.5	Pass			
				0	3.85	-10.457	-0.0056	-2.5 to 2.5	Pass			
				10	3.85	-7.195	-0.0039	-2.5 to 2.5	Pass			
				30	3.85	-0.787	-0.0004	-2.5 to 2.5	Pass			
				40	3.85	-6.208	-0.0033	-2.5 to 2.5	Pass			
				50	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass			
				1882.5	50	0	20	3.27	-7.410	-0.0039	-2.5 to 2.5	Pass
								3.85	-11.373	-0.0060	-2.5 to 2.5	Pass
								4.43	-4.506	-0.0024	-2.5 to 2.5	Pass
							-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
	-20	3.85	-7.424				-0.0039	-2.5 to 2.5	Pass			
	-10	3.85	-6.065				-0.0032	-2.5 to 2.5	Pass			
	0	3.85	-5.851				-0.0031	-2.5 to 2.5	Pass			
	10	3.85	-4.177				-0.0022	-2.5 to 2.5	Pass			
	30	3.85	-8.512				-0.0045	-2.5 to 2.5	Pass			
	40	3.85	-9.327				-0.0050	-2.5 to 2.5	Pass			
	50	3.85	-4.563				-0.0024	-2.5 to 2.5	Pass			
	1910	50	0				20	3.27	-6.509	-0.0034	-2.5 to 2.5	Pass
								3.85	-6.022	-0.0032	-2.5 to 2.5	Pass
								4.43	-7.281	-0.0038	-2.5 to 2.5	Pass
							-30	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-8.082	-0.0042	-2.5 to 2.5	Pass			
				-10	3.85	-9.012	-0.0047	-2.5 to 2.5	Pass			
				0	3.85	-5.493	-0.0029	-2.5 to 2.5	Pass			
				10	3.85	-6.566	-0.0034	-2.5 to 2.5	Pass			
30				3.85	-5.322	-0.0028	-2.5 to 2.5	Pass				
40				3.85	-7.725	-0.0040	-2.5 to 2.5	Pass				

16QAM	1855	50	0	50	3.85	-6.094	-0.0032	-2.5 to 2.5	Pass			
				20	3.27	-2.775	-0.0015	-2.5 to 2.5	Pass			
				3.85	-3.376	-0.0018	-2.5 to 2.5	Pass				
				4.43	-3.090	-0.0017	-2.5 to 2.5	Pass				
				-30	3.85	-1.087	-0.0006	-2.5 to 2.5	Pass			
	-20	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass						
	-10	3.85	-2.761	-0.0015	-2.5 to 2.5	Pass						
	0	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass						
	10	3.85	-2.704	-0.0015	-2.5 to 2.5	Pass						
	30	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass						
	40	3.85	-4.077	-0.0022	-2.5 to 2.5	Pass						
	50	3.85	-3.991	-0.0022	-2.5 to 2.5	Pass						
	1882.5	50	0	20	3.27	-5.422	-0.0029	-2.5 to 2.5	Pass			
				3.85	-3.290	-0.0017	-2.5 to 2.5	Pass				
				4.43	-10.357	-0.0055	-2.5 to 2.5	Pass				
				-30	3.85	-6.022	-0.0032	-2.5 to 2.5	Pass			
-20				3.85	-7.453	-0.0040	-2.5 to 2.5	Pass				
-10	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass							
0	3.85	-6.237	-0.0033	-2.5 to 2.5	Pass							
10	3.85	-9.384	-0.0050	-2.5 to 2.5	Pass							
30	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass							
40	3.85	-8.354	-0.0044	-2.5 to 2.5	Pass							
50	3.85	-7.367	-0.0039	-2.5 to 2.5	Pass							
1910	50	0	20	3.27	-8.512	-0.0045	-2.5 to 2.5	Pass				
			3.85	-6.924	-0.0036	-2.5 to 2.5	Pass					
			4.43	-6.280	-0.0033	-2.5 to 2.5	Pass					
			-30	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass				
			-20	3.85	-3.905	-0.0020	-2.5 to 2.5	Pass				
-10	3.85	-11.029	-0.0058	-2.5 to 2.5	Pass							
0	3.85	-6.309	-0.0033	-2.5 to 2.5	Pass							
10	3.85	-5.579	-0.0029	-2.5 to 2.5	Pass							
30	3.85	-8.454	-0.0044	-2.5 to 2.5	Pass							
40	3.85	-6.523	-0.0034	-2.5 to 2.5	Pass							
50	3.85	-7.339	-0.0038	-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	-4.306	-0.0023	-2.5 to 2.5	Pass		
					3.85	-4.363	-0.0023	-2.5 to 2.5	Pass		
				4.43	-8.025	-0.0043	-2.5 to 2.5	Pass			
				-30	3.85	-7.496	-0.0040	-2.5 to 2.5	Pass		
				-20	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass		
	-10	3.85	-5.522	-0.0030	-2.5 to 2.5	Pass					
	0	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass					
	10	3.85	-6.623	-0.0036	-2.5 to 2.5	Pass					
	30	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass					
40	3.85	-5.050	-0.0027	-2.5 to 2.5	Pass						
50	3.85	-5.221	-0.0028	-2.5 to 2.5	Pass						
1882.5	75	0	0	20	3.27	-10.400	-0.0055	-2.5 to 2.5	Pass		
					3.85	-10.214	-0.0054	-2.5 to 2.5	Pass		
				4.43	-11.358	-0.0060	-2.5 to 2.5	Pass			
-30	3.85	-11.244	-0.0060	-2.5 to 2.5	Pass						

				-20	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-8.540	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-7.567	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-9.985	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-7.811	-0.0041	-2.5 to 2.5	Pass
	50	3.85	-9.856	-0.0052	-2.5 to 2.5	Pass			
	1907.5	75	0	20	3.27	-8.483	-0.0044	-2.5 to 2.5	Pass
					3.85	-3.562	-0.0019	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-3.419	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0037	-2.5 to 2.5	Pass
		0	3.85	-6.537	-0.0034	-2.5 to 2.5	Pass		
		10	3.85	-10.242	-0.0054	-2.5 to 2.5	Pass		
		30	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass		
		40	3.85	-5.007	-0.0026	-2.5 to 2.5	Pass		
		50	3.85	-8.969	-0.0047	-2.5 to 2.5	Pass		
16QAM		1857.5	75	0	20	3.27	-6.409	-0.0035	-2.5 to 2.5
	3.85					-3.161	-0.0017	-2.5 to 2.5	Pass
	4.43					-0.544	-0.0003	-2.5 to 2.5	Pass
	-30				3.85	-4.263	-0.0023	-2.5 to 2.5	Pass
	-20				3.85	-1.459	-0.0008	-2.5 to 2.5	Pass
	-10				3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
	0				3.85	-4.592	-0.0025	-2.5 to 2.5	Pass
	10				3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
	30				3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
	40	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass			
	50	3.85	-6.108	-0.0033	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-5.851	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.324	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-10.057	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-7.296	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-10.886	-0.0058	-2.5 to 2.5	Pass
10				3.85	-10.428	-0.0055	-2.5 to 2.5	Pass	
30				3.85	-3.562	-0.0019	-2.5 to 2.5	Pass	
40	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass				
50	3.85	-6.151	-0.0033	-2.5 to 2.5	Pass				
1907.5	75	0	20	3.27	-6.166	-0.0032	-2.5 to 2.5	Pass	
				3.85	-4.034	-0.0021	-2.5 to 2.5	Pass	
				4.43	-6.595	-0.0035	-2.5 to 2.5	Pass	
			-30	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass	
			-20	3.85	-4.263	-0.0022	-2.5 to 2.5	Pass	
			-10	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass	
			0	3.85	-6.495	-0.0034	-2.5 to 2.5	Pass	
			10	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass	
			30	3.85	-7.510	-0.0039	-2.5 to 2.5	Pass	
40	3.85	-7.396	-0.0039	-2.5 to 2.5	Pass				
50	3.85	-6.208	-0.0033	-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	-2.174	-0.0012	-2.5 to 2.5	Pass
					3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-2.718	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-0.858	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
	40	3.85	-6.351	-0.0034	-2.5 to 2.5	Pass			
	50	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-5.636	-0.0030	-2.5 to 2.5	Pass
					3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
					4.43	-7.210	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-7.324	-0.0039	-2.5 to 2.5	Pass
				0	3.85	0.358	0.0002	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-3.405	-0.0018	-2.5 to 2.5	Pass
	40	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass			
	50	3.85	-6.351	-0.0034	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-10.014	-0.0053	-2.5 to 2.5	Pass
					3.85	-8.926	-0.0047	-2.5 to 2.5	Pass
					4.43	-6.881	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0039	-2.5 to 2.5	Pass
-10				3.85	-11.959	-0.0063	-2.5 to 2.5	Pass	
0				3.85	-4.864	-0.0026	-2.5 to 2.5	Pass	
10				3.85	-10.028	-0.0053	-2.5 to 2.5	Pass	
30				3.85	-4.048	-0.0021	-2.5 to 2.5	Pass	
40	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass				
50	3.85	-6.065	-0.0032	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-5.479	-0.0029	-2.5 to 2.5	Pass
					3.85	-6.037	-0.0032	-2.5 to 2.5	Pass
					4.43	-6.638	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
				0	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
	40	3.85	-4.921	-0.0026	-2.5 to 2.5	Pass			
	50	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	1.287	0.0007	-2.5 to 2.5	Pass
					3.85	-7.882	-0.0042	-2.5 to 2.5	Pass
					4.43	-9.127	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-5.164	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.765	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-1.674	-0.0009	-2.5 to 2.5	Pass
	40	3.85	-5.021	-0.0027	-2.5 to 2.5	Pass			
50	3.85	-6.008	-0.0032	-2.5 to 2.5	Pass				
1905	100	0	20	3.27	-4.678	-0.0025	-2.5 to 2.5	Pass	
				3.85	-4.163	-0.0022	-2.5 to 2.5	Pass	

				4.43	-1.602	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-10.400	-0.0055	-2.5 to 2.5
				-20	3.85	-6.466	-0.0034	-2.5 to 2.5
				-10	3.85	-7.110	-0.0037	-2.5 to 2.5
				0	3.85	-5.193	-0.0027	-2.5 to 2.5
				10	3.85	-3.362	-0.0018	-2.5 to 2.5
				30	3.85	-3.719	-0.0020	-2.5 to 2.5
				40	3.85	-7.296	-0.0038	-2.5 to 2.5
				50	3.85	-5.007	-0.0026	-2.5 to 2.5

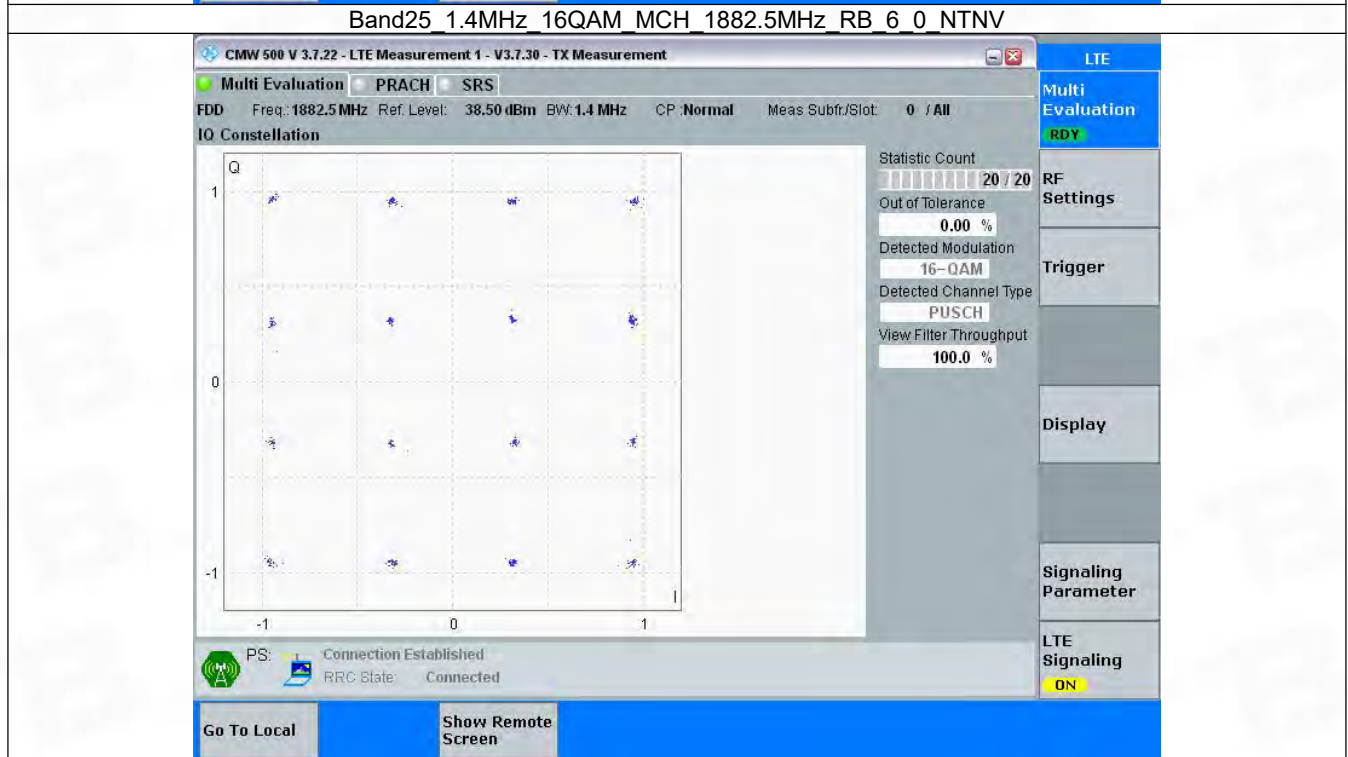
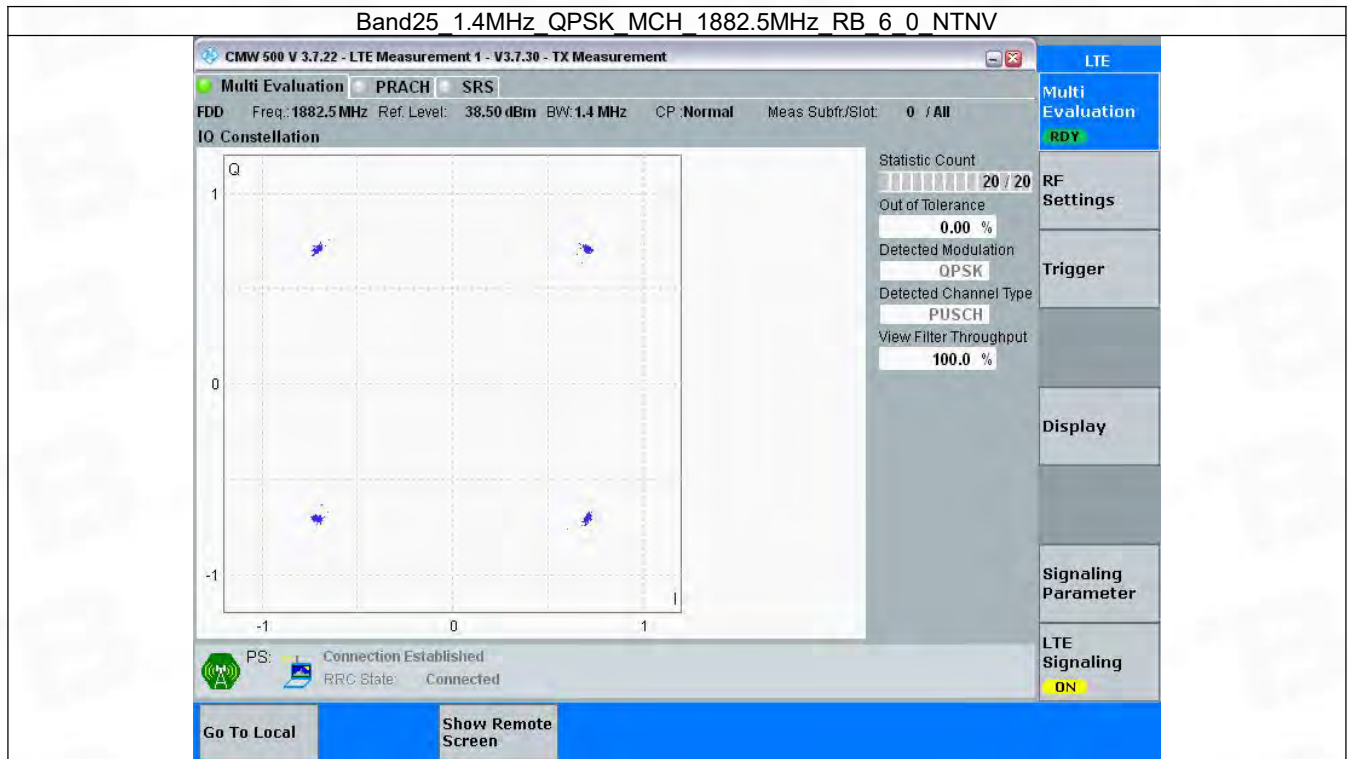
3. Modulation Characteristics

3.1 B25_1.4MHz

3.1.1 Test Result

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

3.1.2 Test Graph

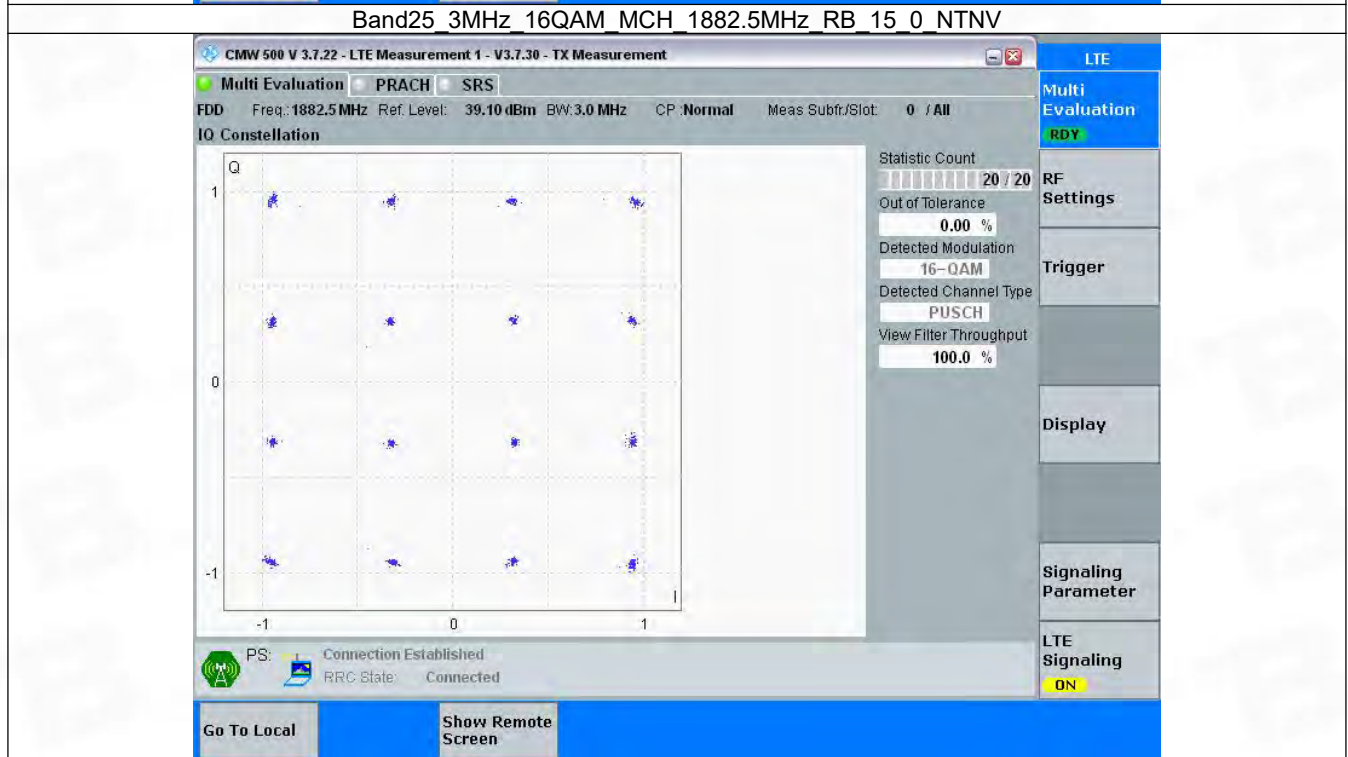
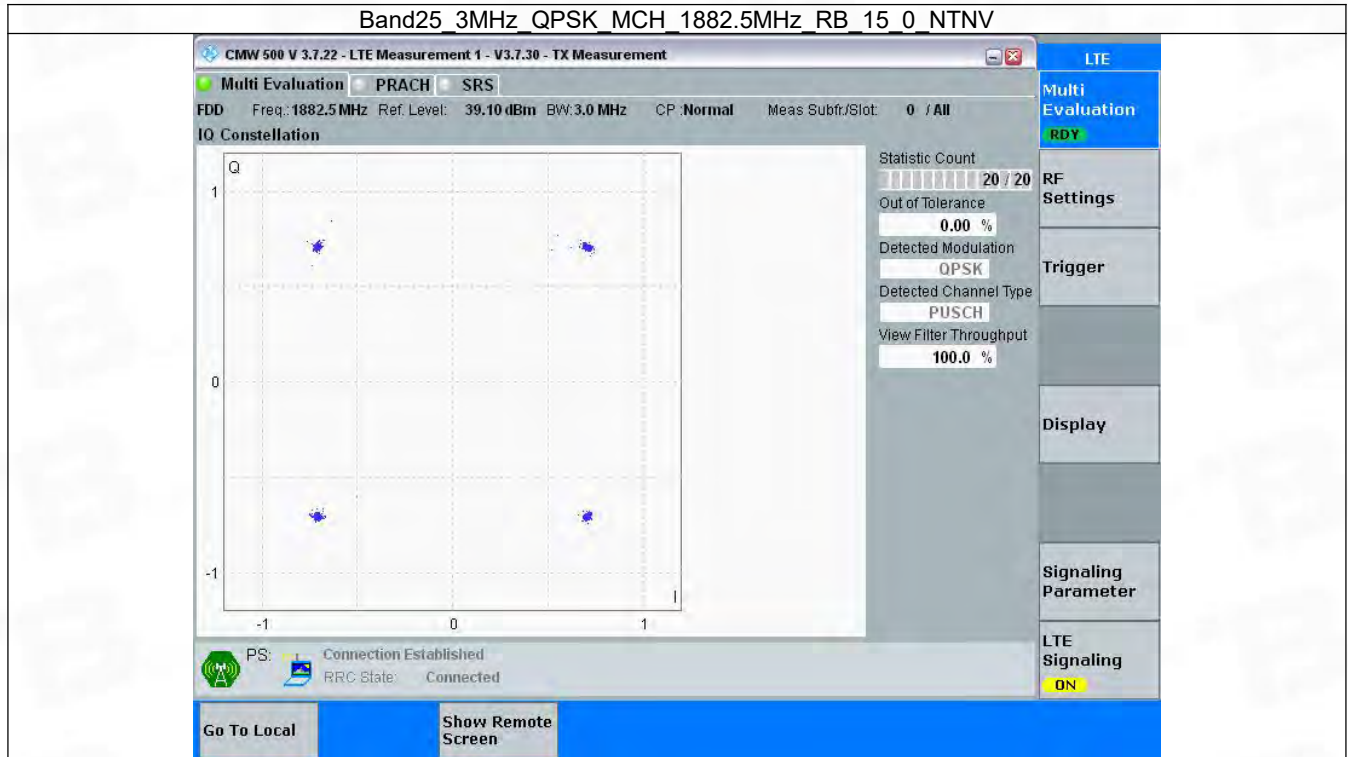


3.2 B25_3MHz

3.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / 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

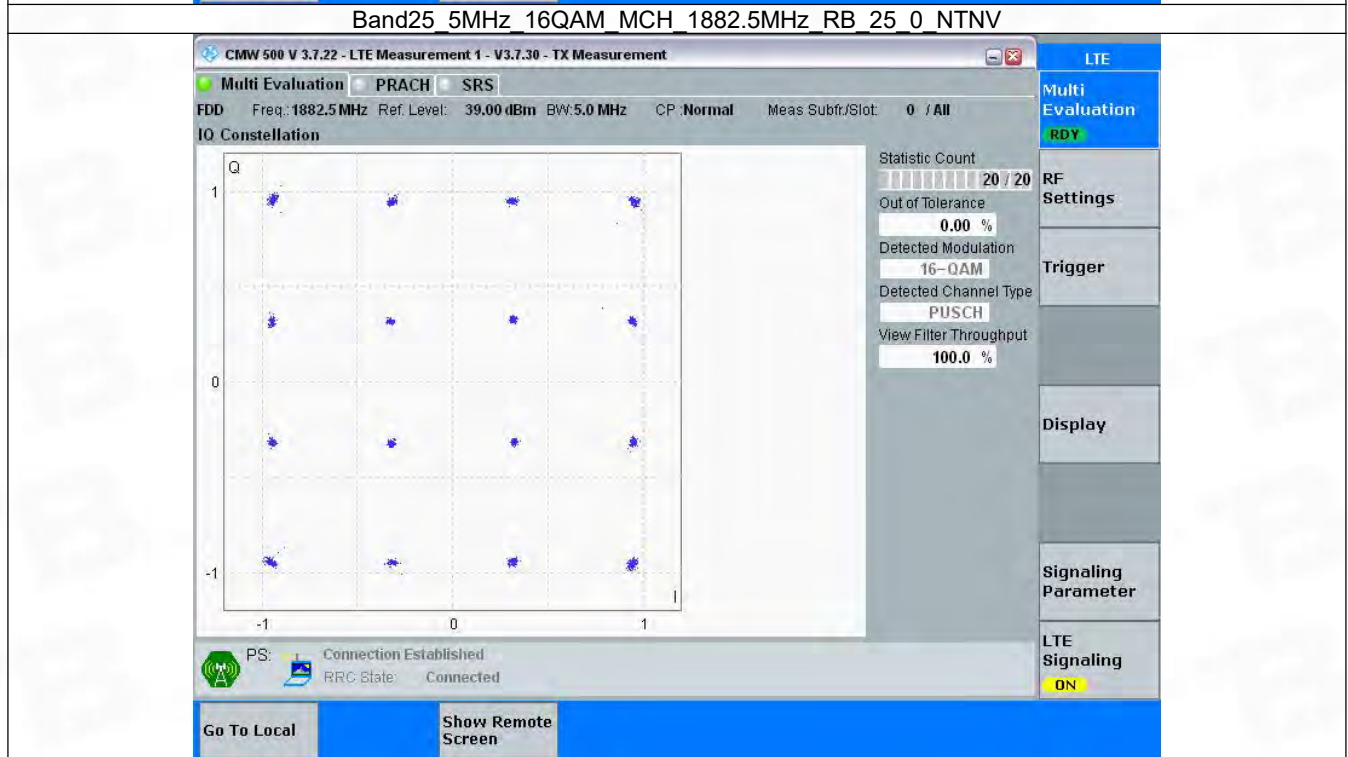
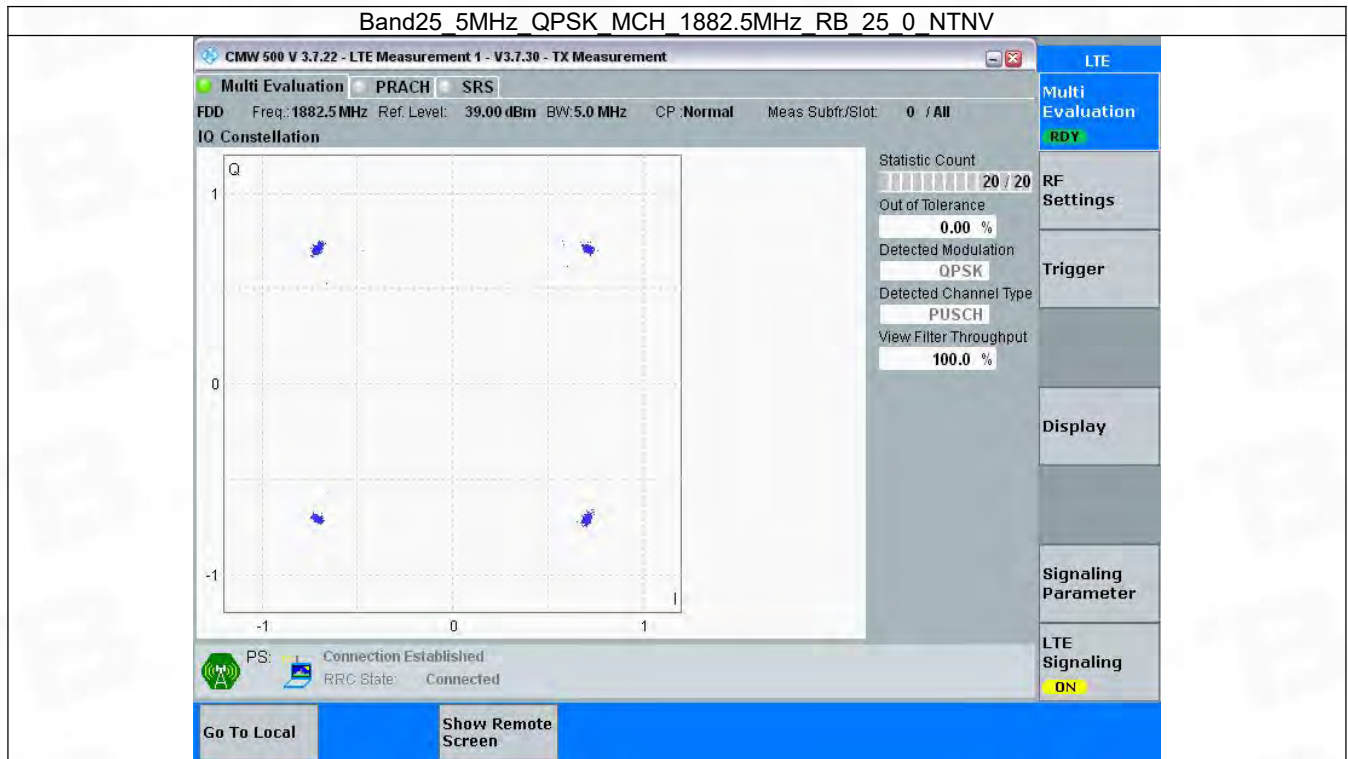


3.3 B25_5MHz

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

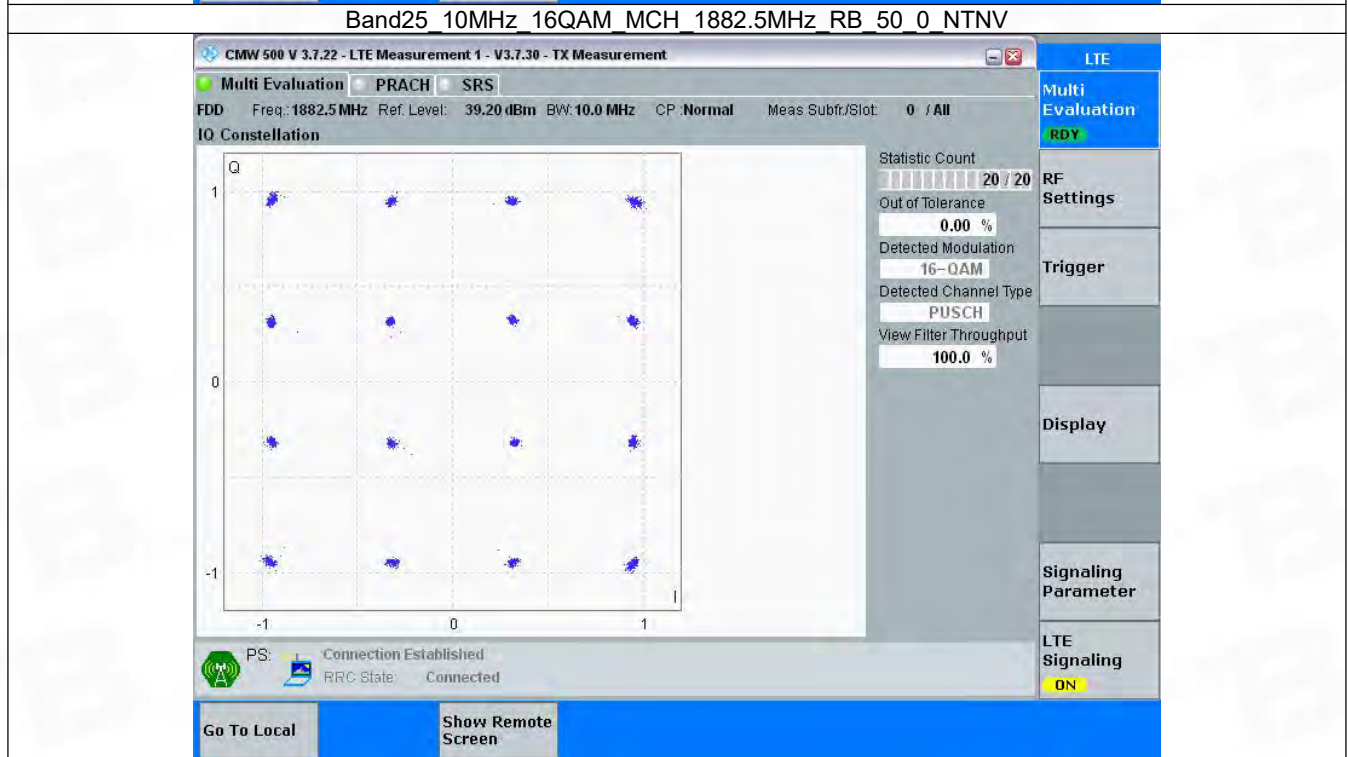
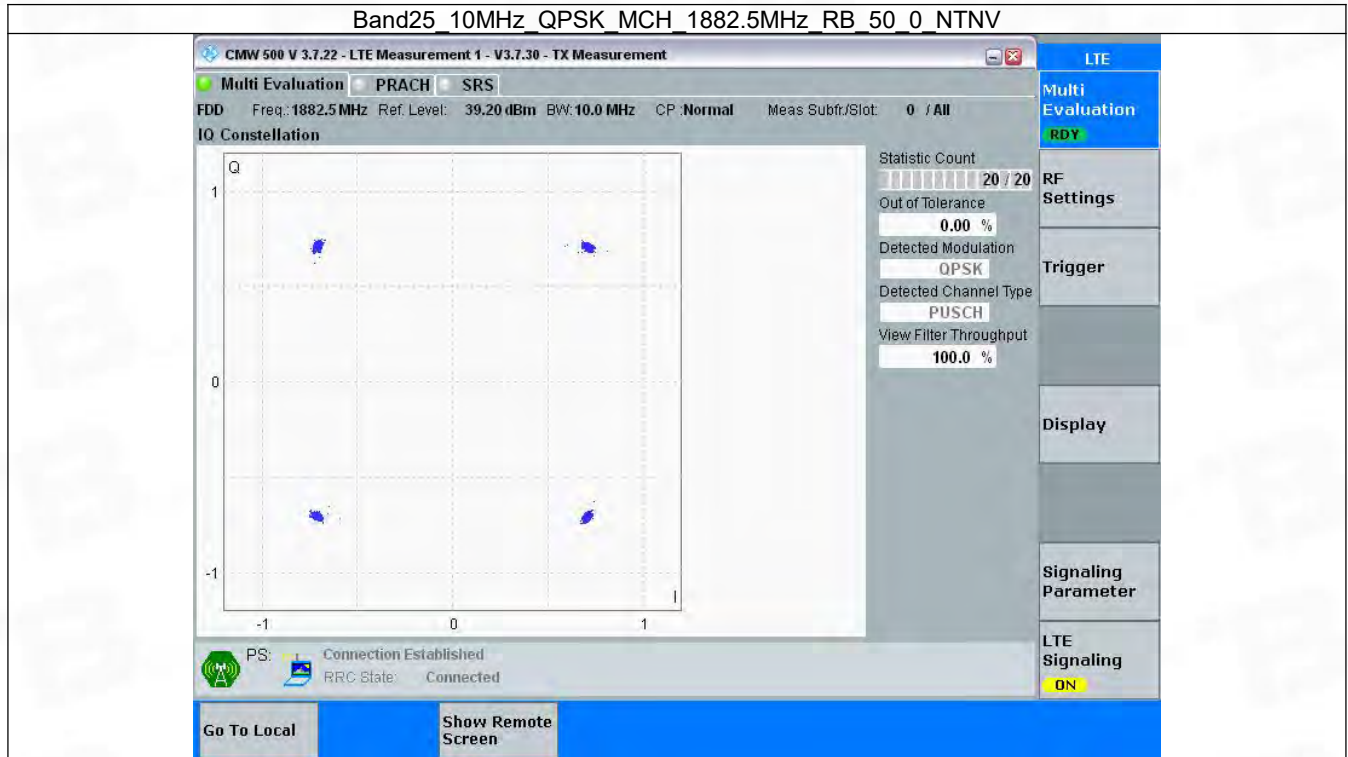


3.4 B25_10MHz

3.4.1 Test Result

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

3.4.2 Test Graph

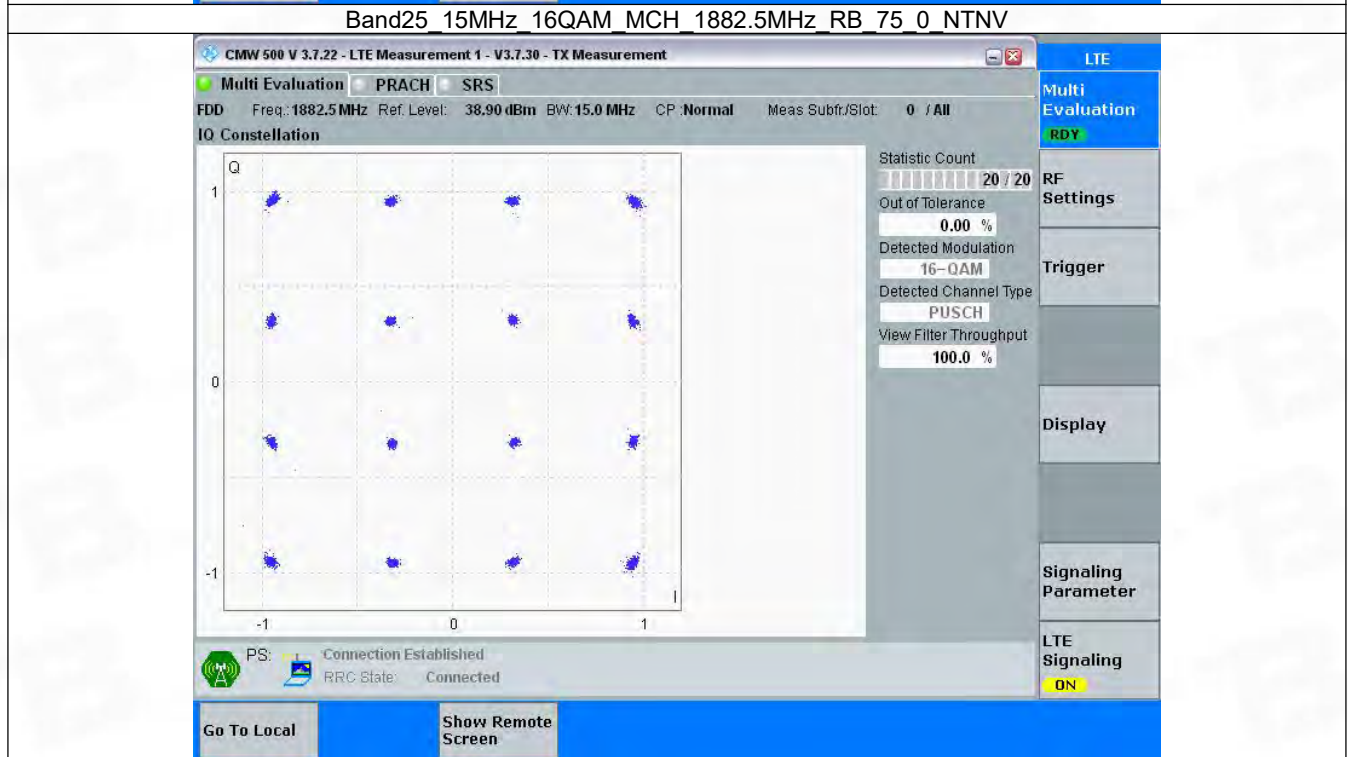
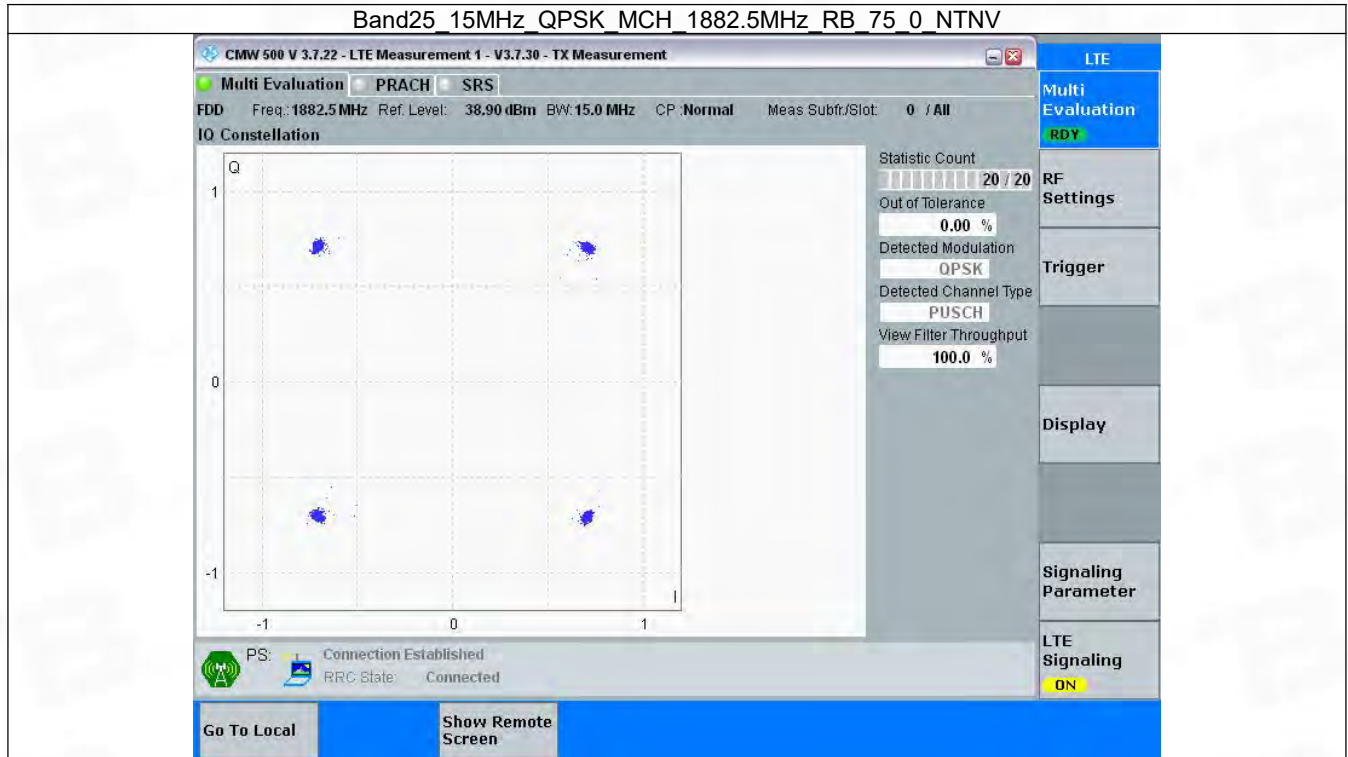


3.5 B25_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

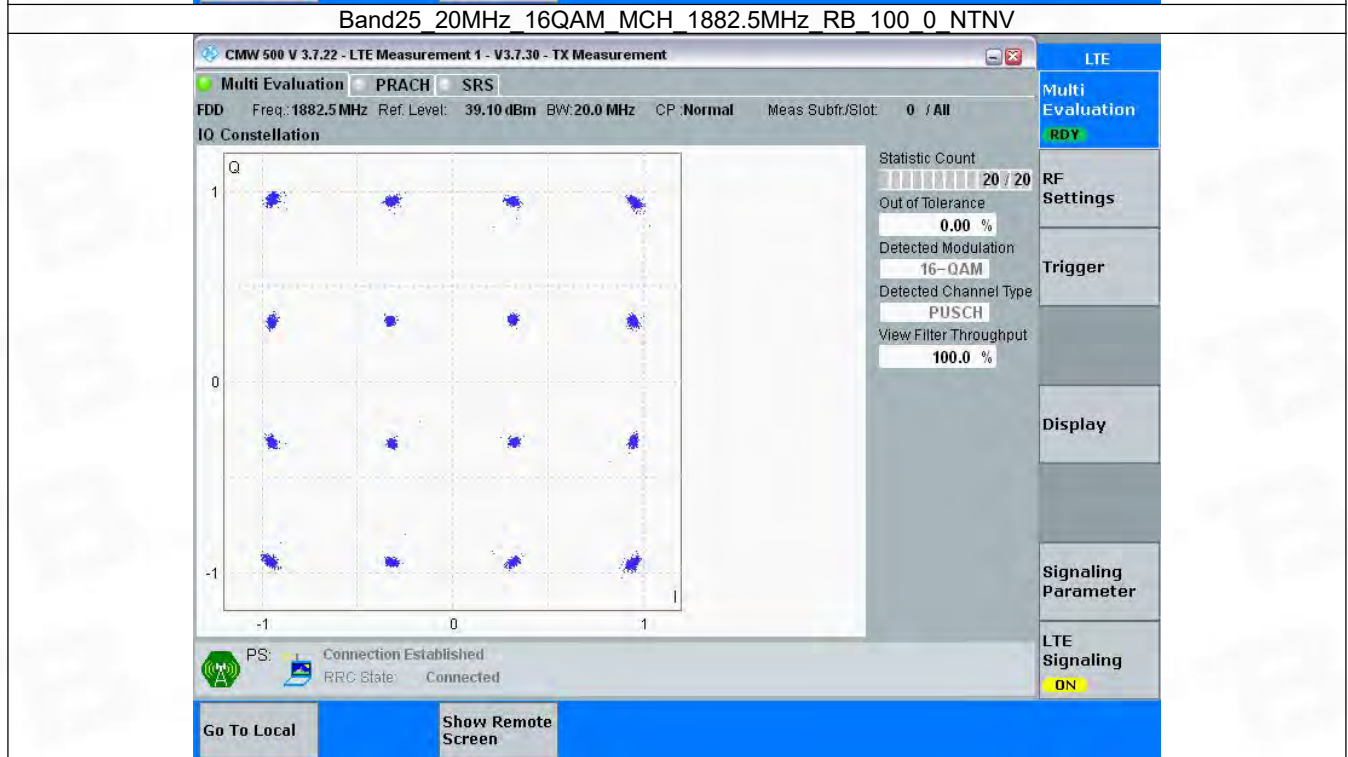
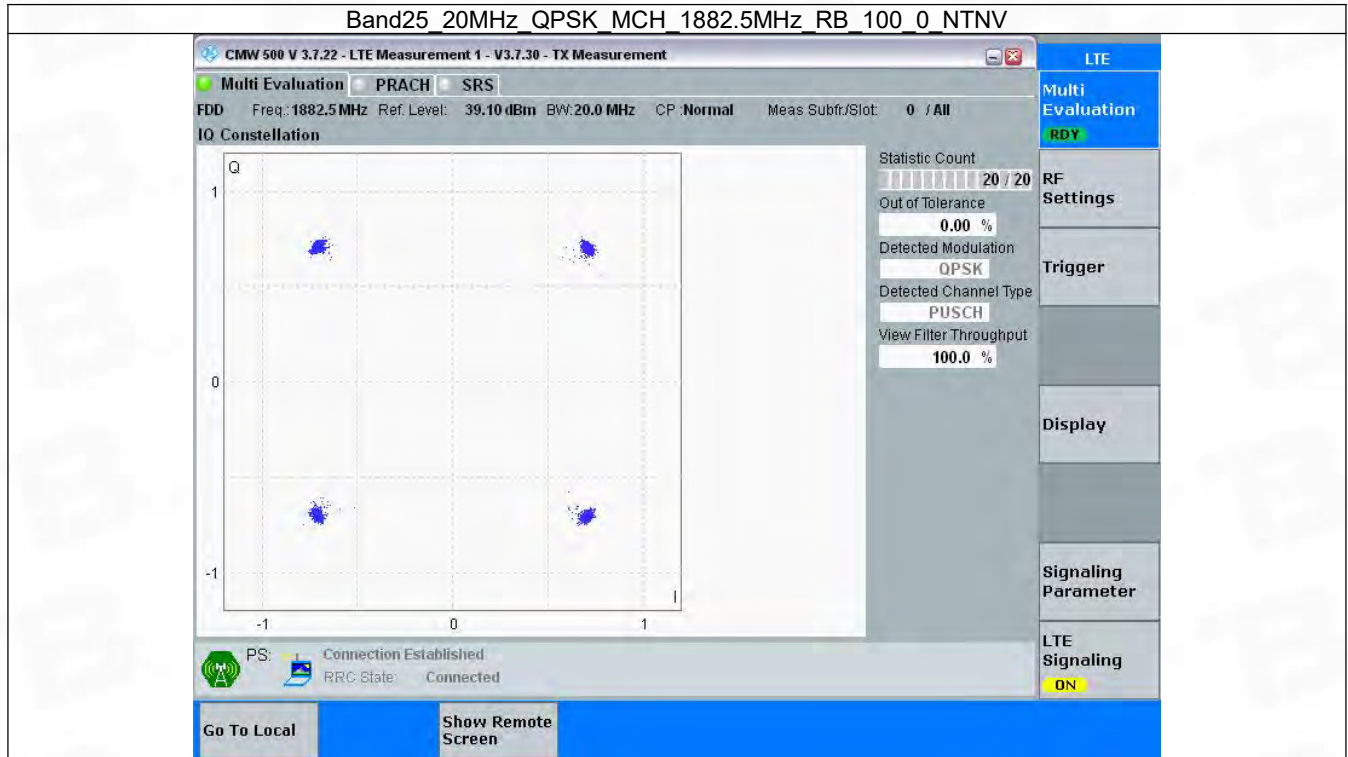


3.6 B25_20MHz

3.6.1 Test Result

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

3.6.2 Test Graph



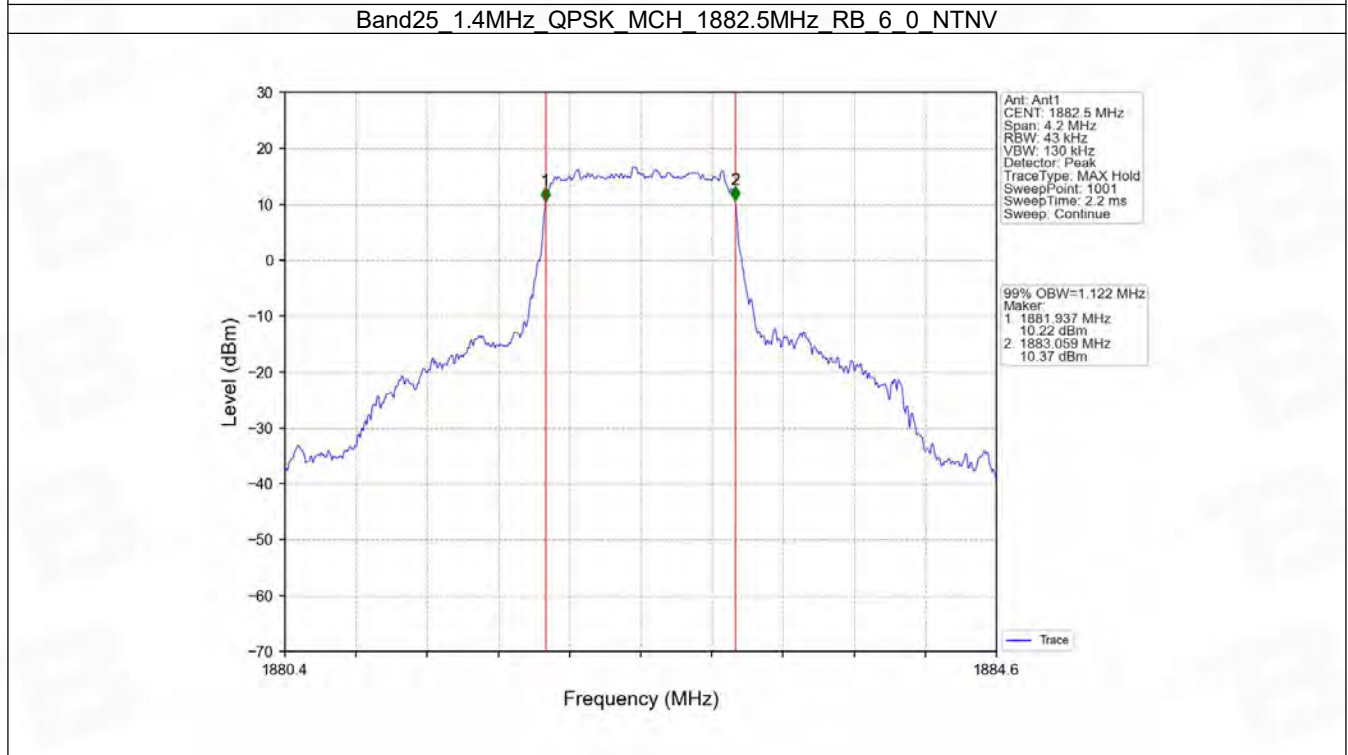
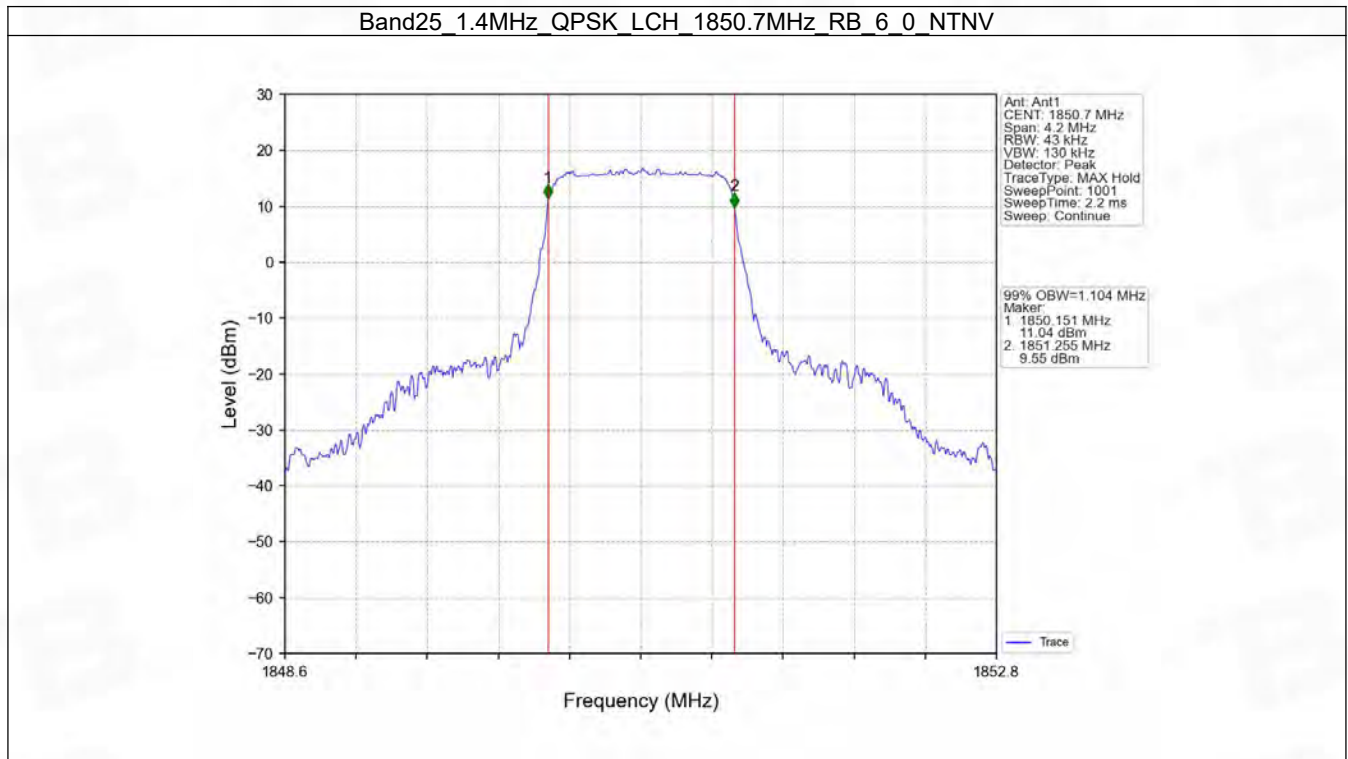
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

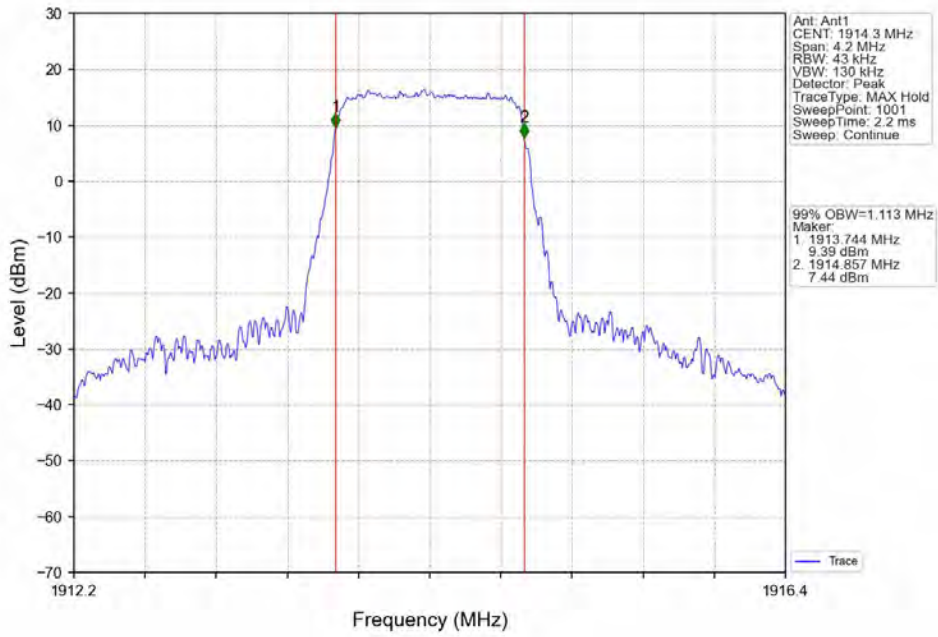
4.1.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.104	Pass
		1882.5	6	0	1.122	Pass
		1914.3	6	0	1.113	Pass
	16QAM	1850.7	6	0	1.118	Pass
		1882.5	6	0	1.111	Pass
		1914.3	6	0	1.108	Pass
3	QPSK	1851.5	15	0	2.728	Pass
		1882.5	15	0	2.737	Pass
		1913.5	15	0	2.724	Pass
	16QAM	1851.5	15	0	2.722	Pass
		1882.5	15	0	2.733	Pass
		1913.5	15	0	2.727	Pass
5	QPSK	1852.5	25	0	4.562	Pass
		1882.5	25	0	4.572	Pass
		1912.5	25	0	4.578	Pass
	16QAM	1852.5	25	0	4.590	Pass
		1882.5	25	0	4.595	Pass
		1912.5	25	0	4.566	Pass
10	QPSK	1855	50	0	9.090	Pass
		1882.5	50	0	9.068	Pass
		1910	50	0	9.076	Pass
	16QAM	1855	50	0	9.074	Pass
		1882.5	50	0	9.089	Pass
		1910	50	0	9.072	Pass
15	QPSK	1857.5	75	0	13.606	Pass
		1882.5	75	0	13.620	Pass
		1907.5	75	0	13.599	Pass
	16QAM	1857.5	75	0	13.615	Pass
		1882.5	75	0	13.595	Pass
		1907.5	75	0	13.613	Pass
20	QPSK	1860	100	0	18.084	Pass
		1882.5	100	0	18.084	Pass
		1905	100	0	18.135	Pass
	16QAM	1860	100	0	18.101	Pass
		1882.5	100	0	18.135	Pass
		1905	100	0	18.063	Pass

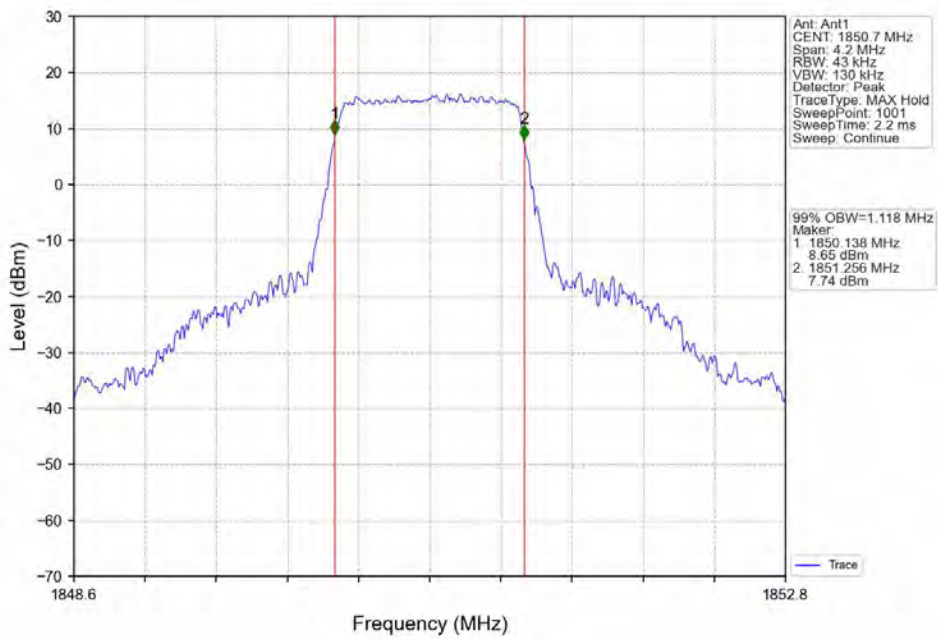
4.1.2 Test Graph



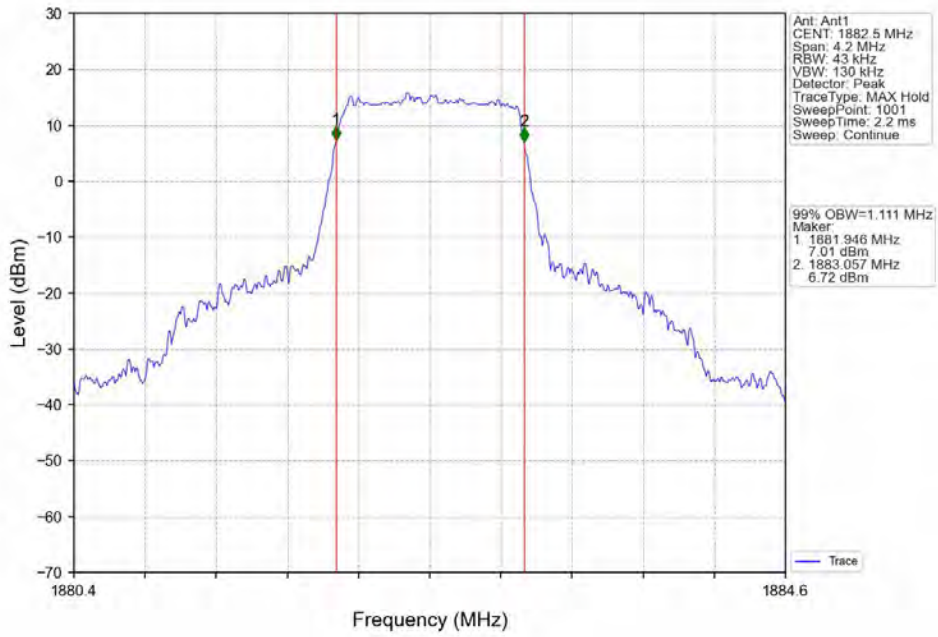
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



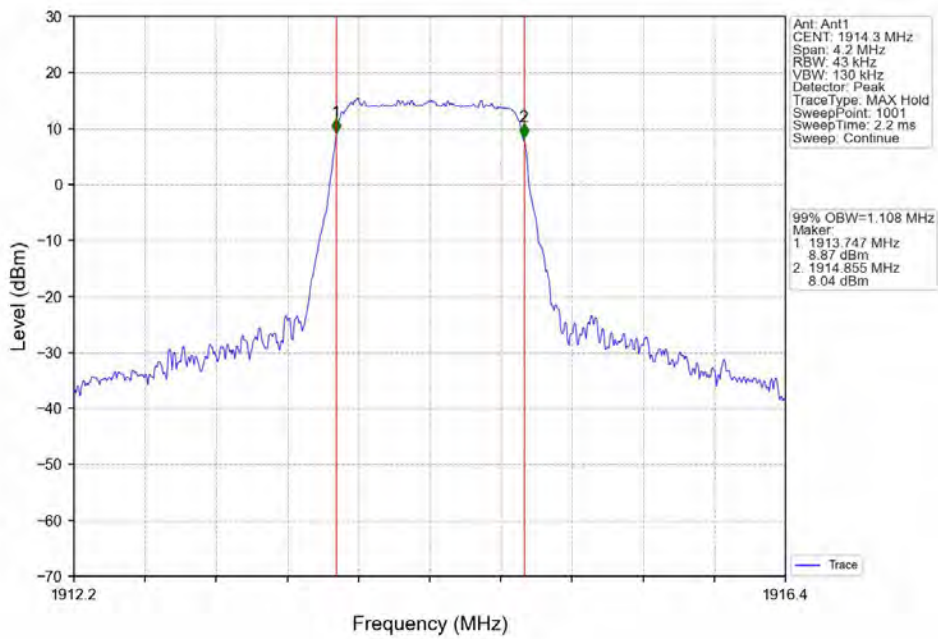
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



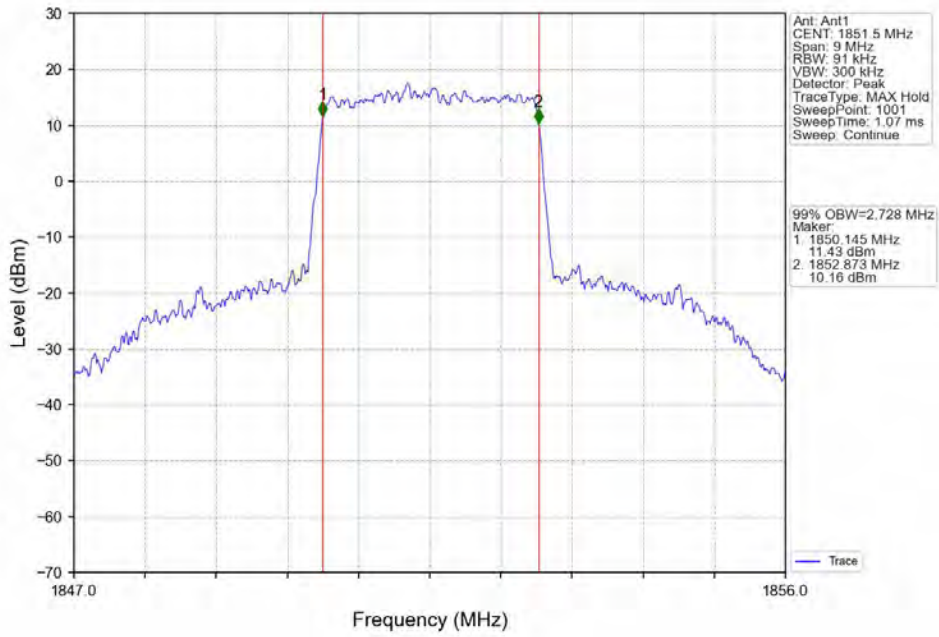
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



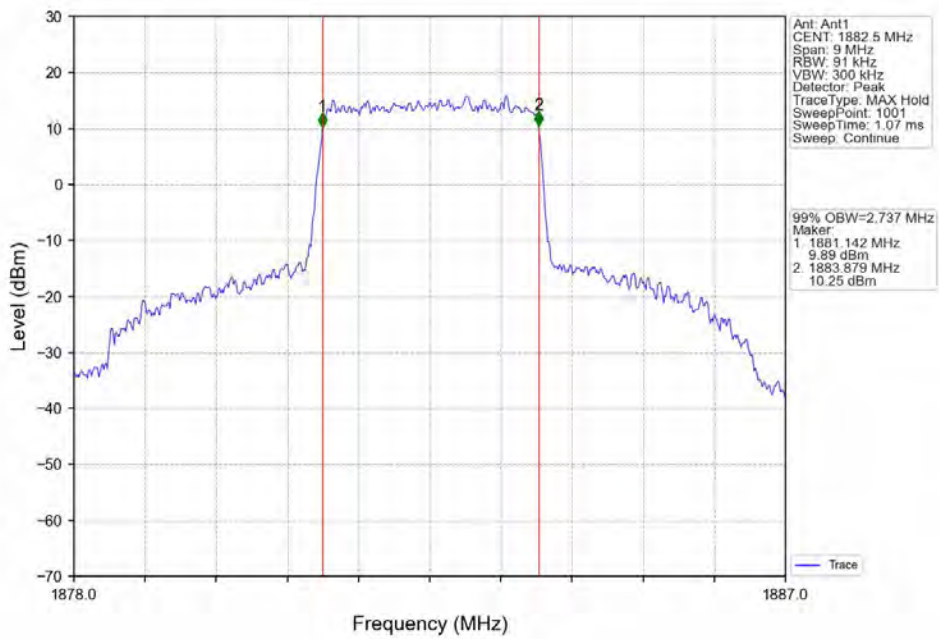
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



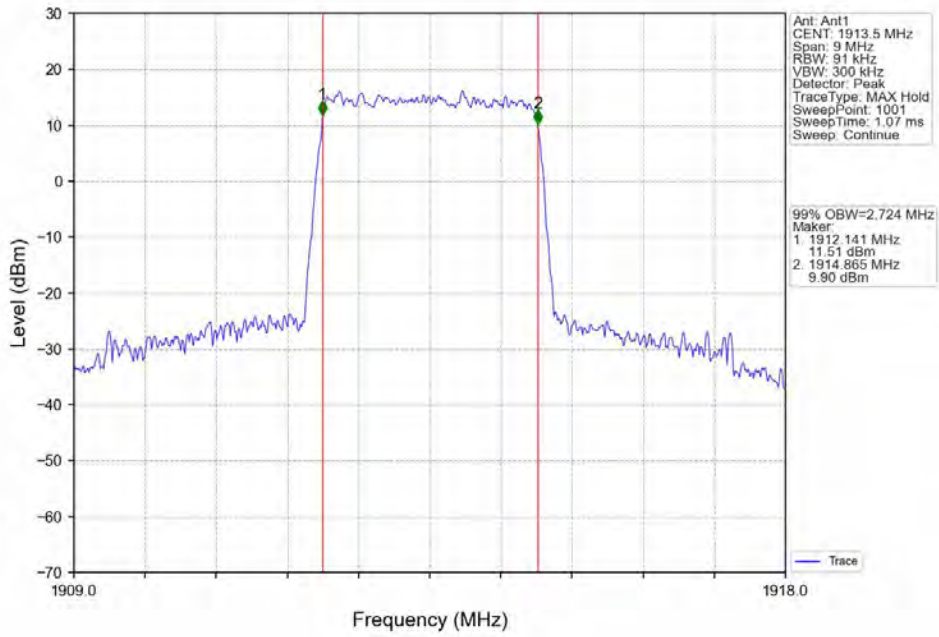
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



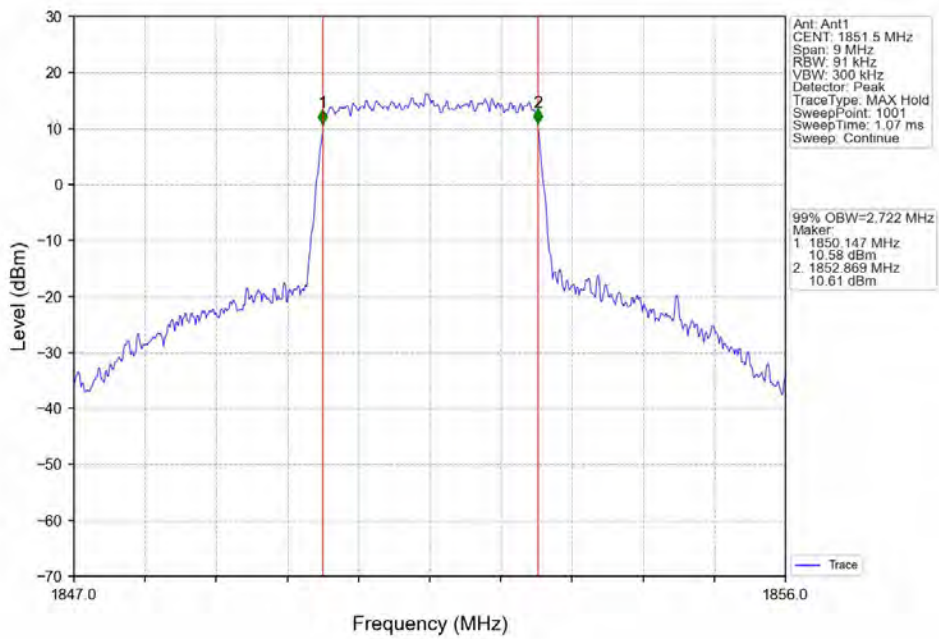
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



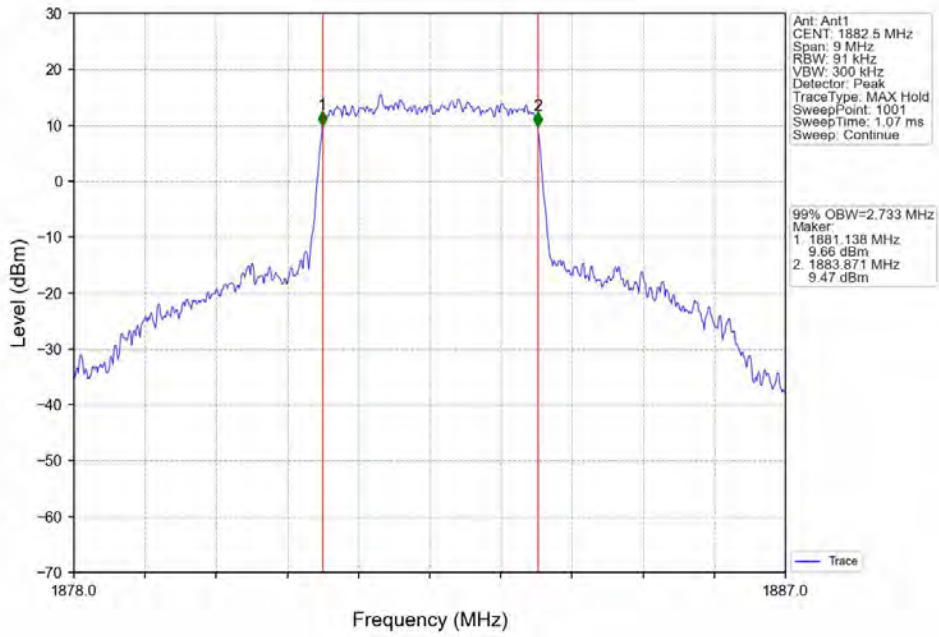
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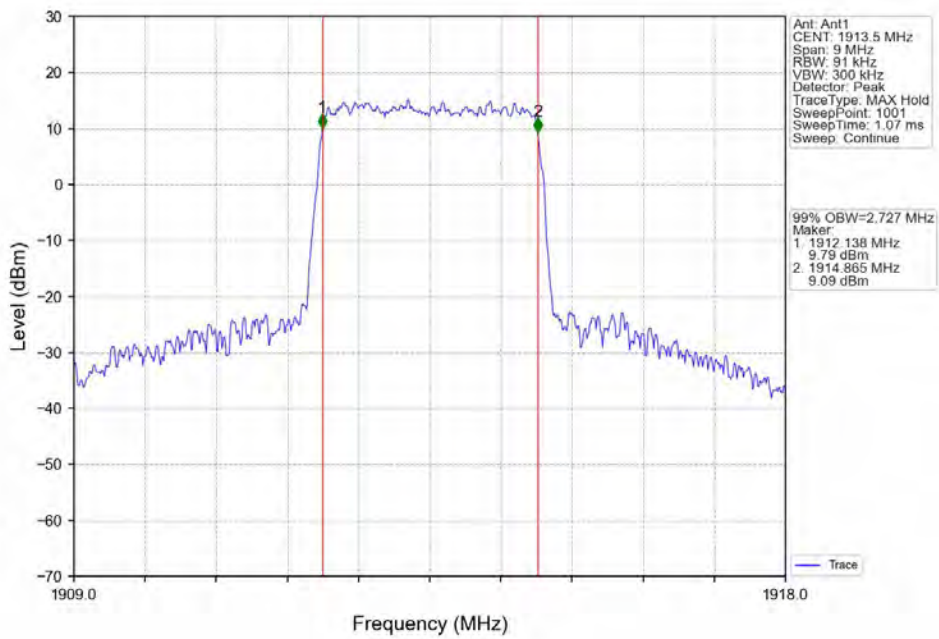
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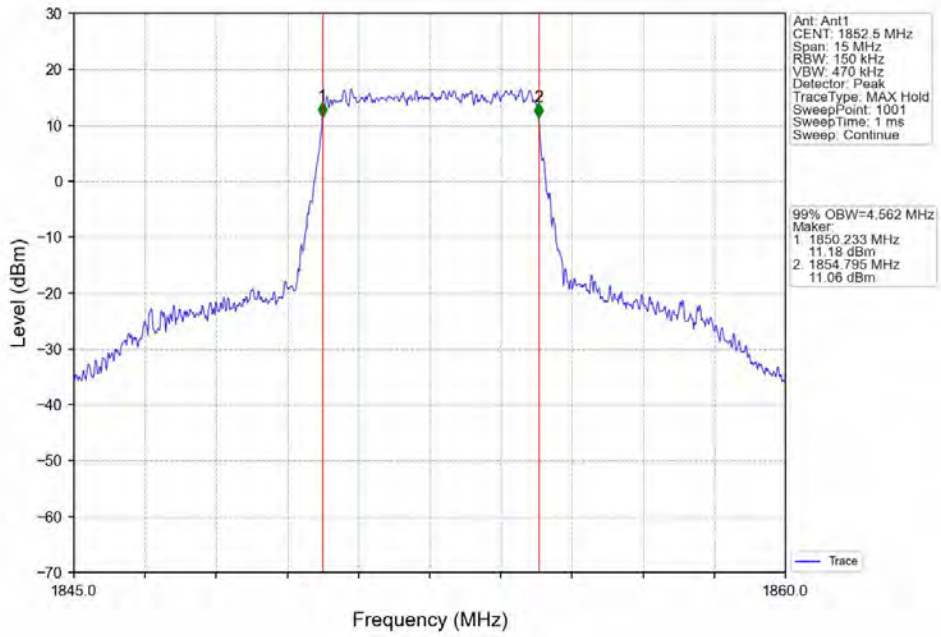
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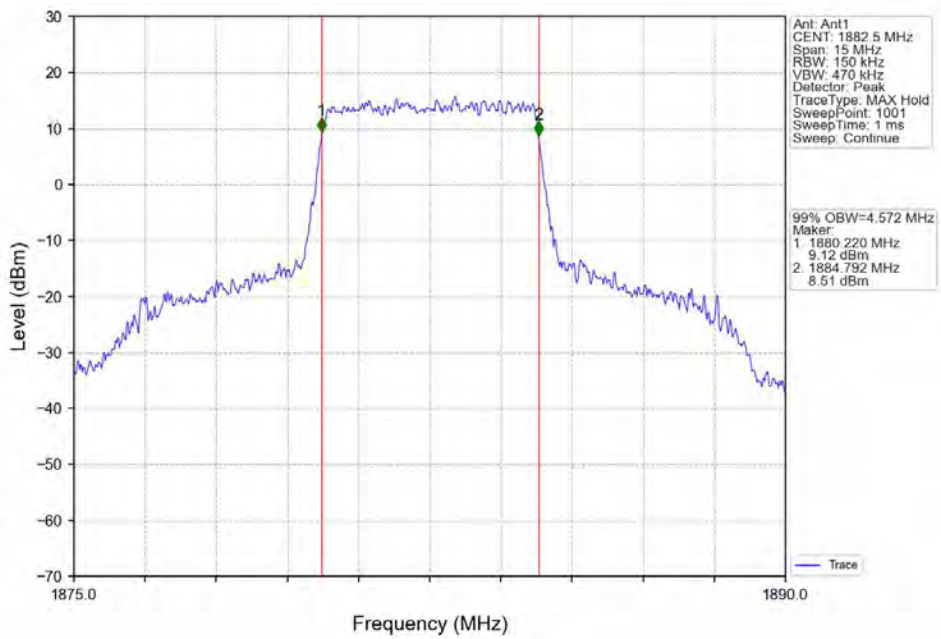
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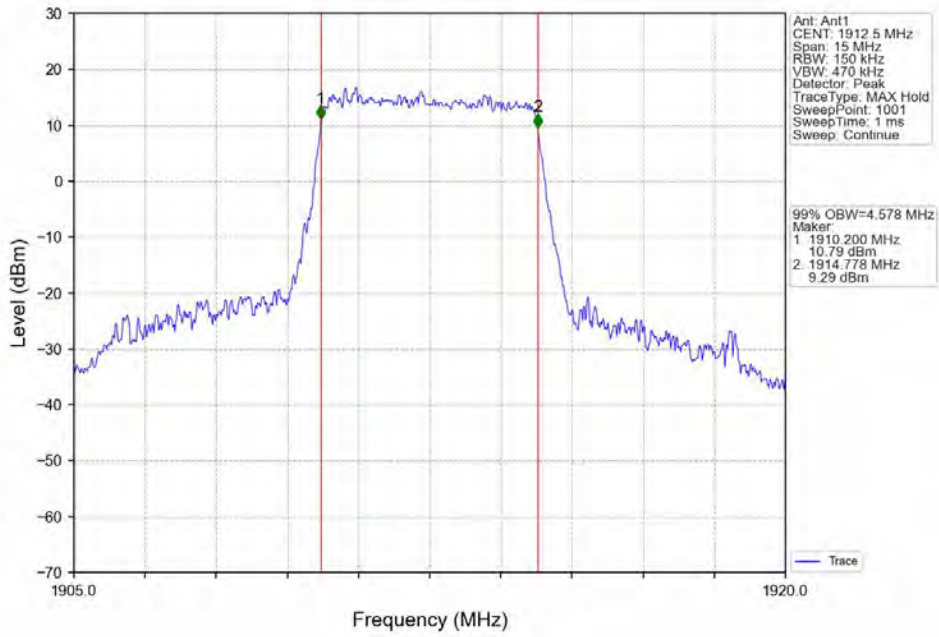
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



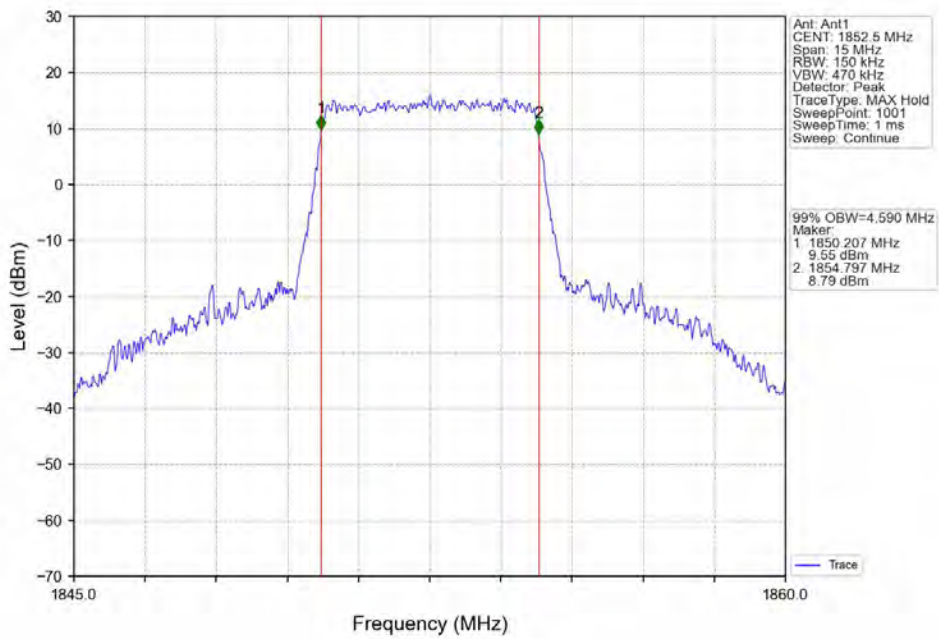
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



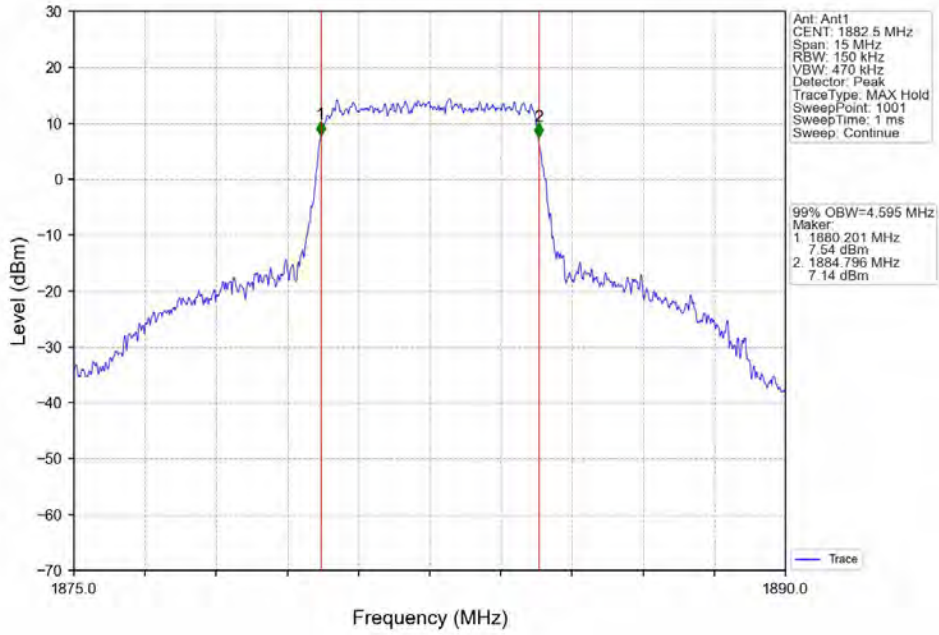
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



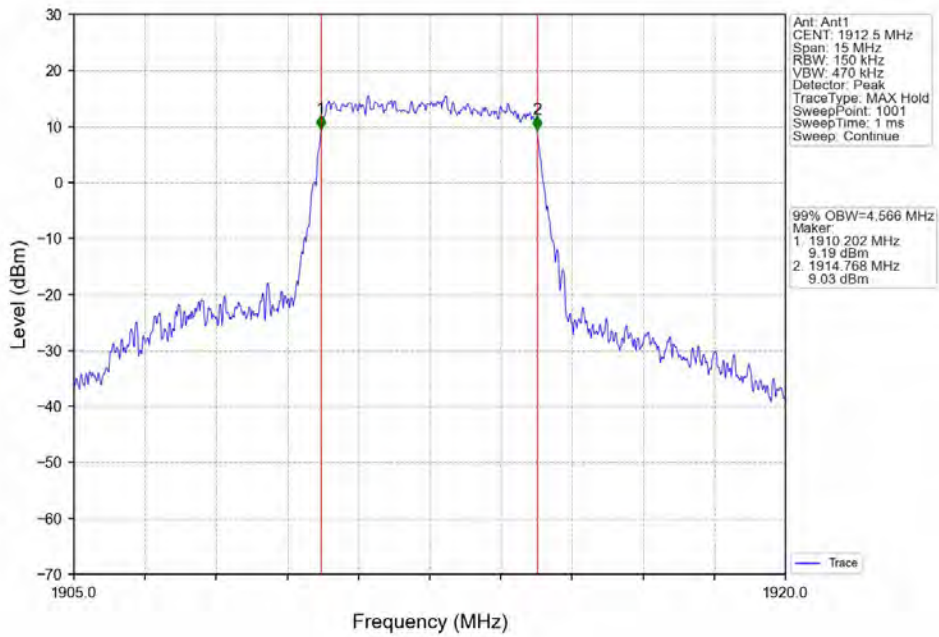
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



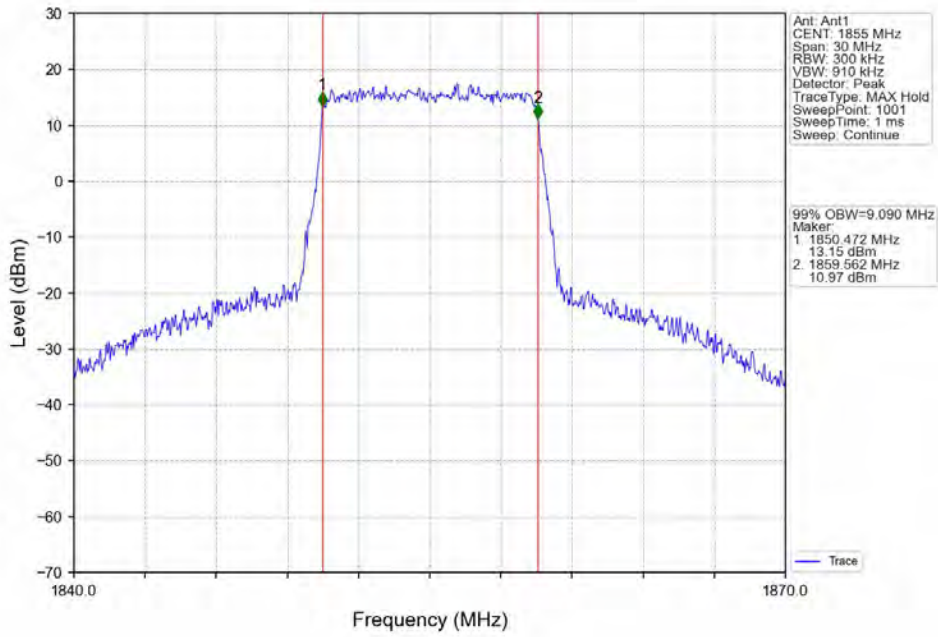
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



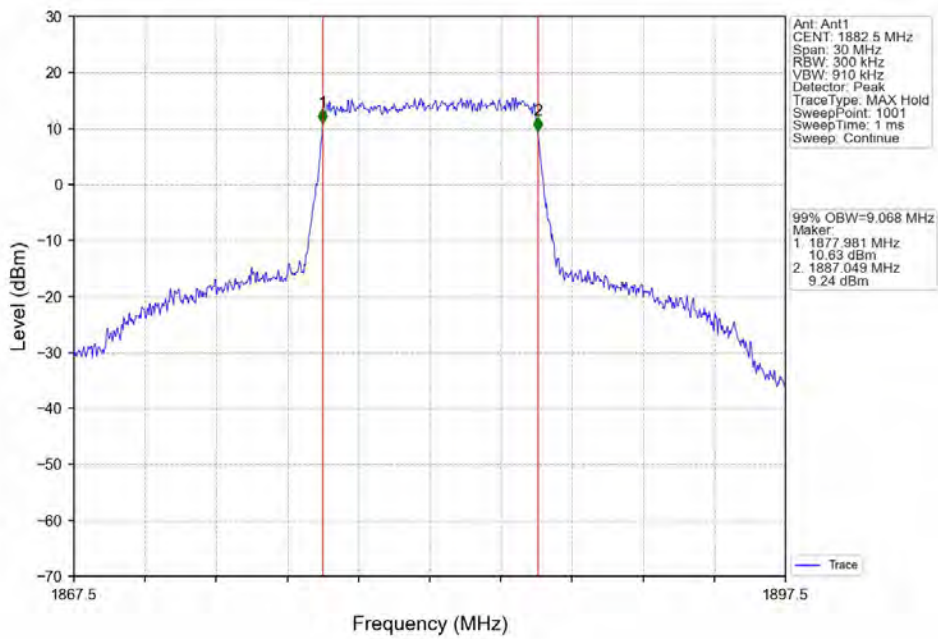
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



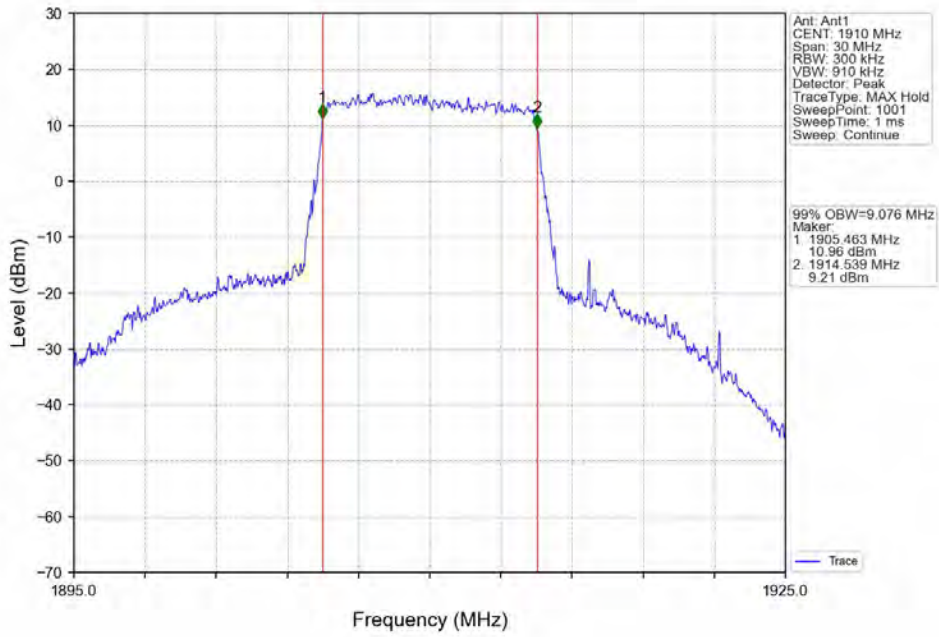
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



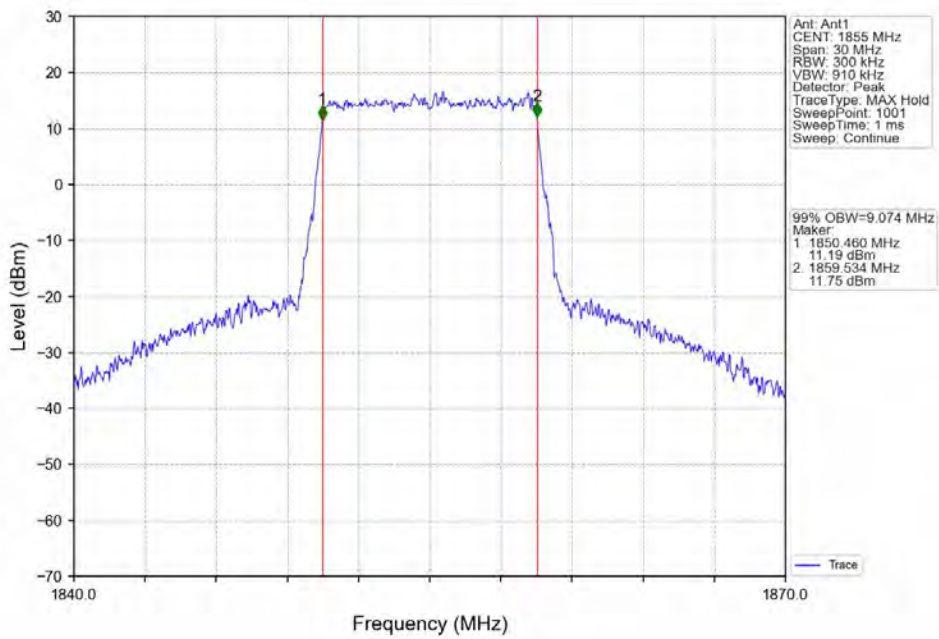
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



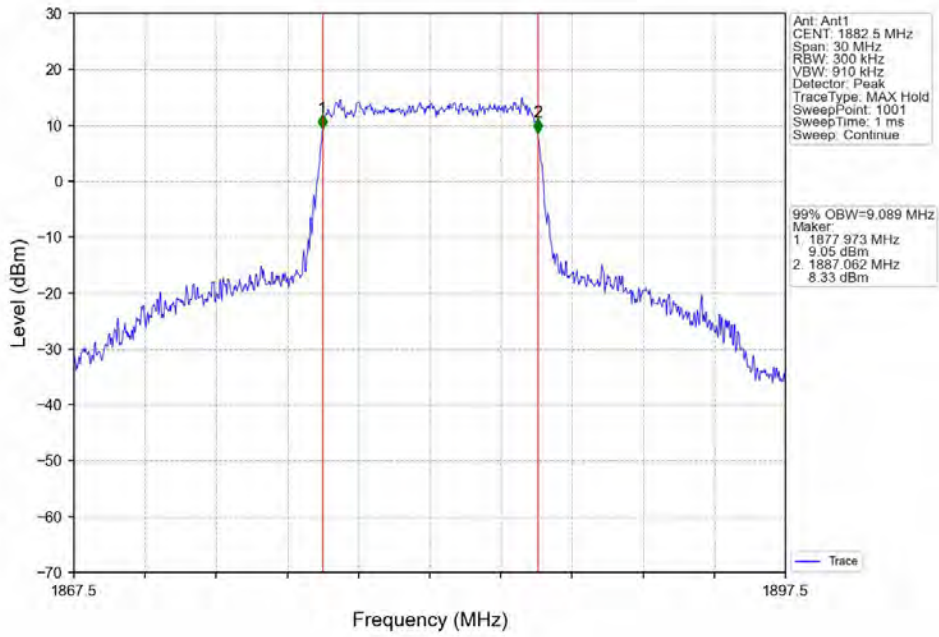
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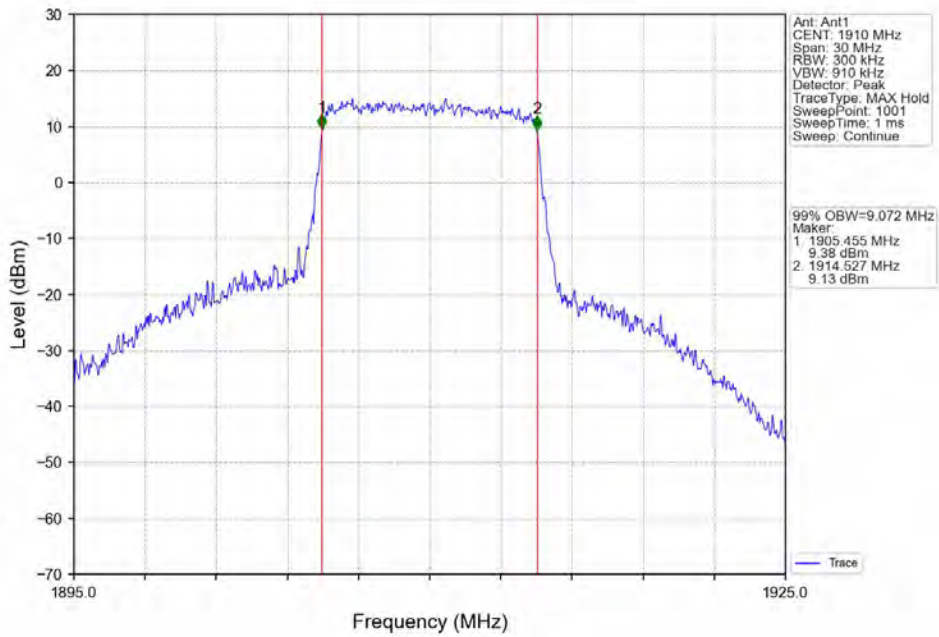
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



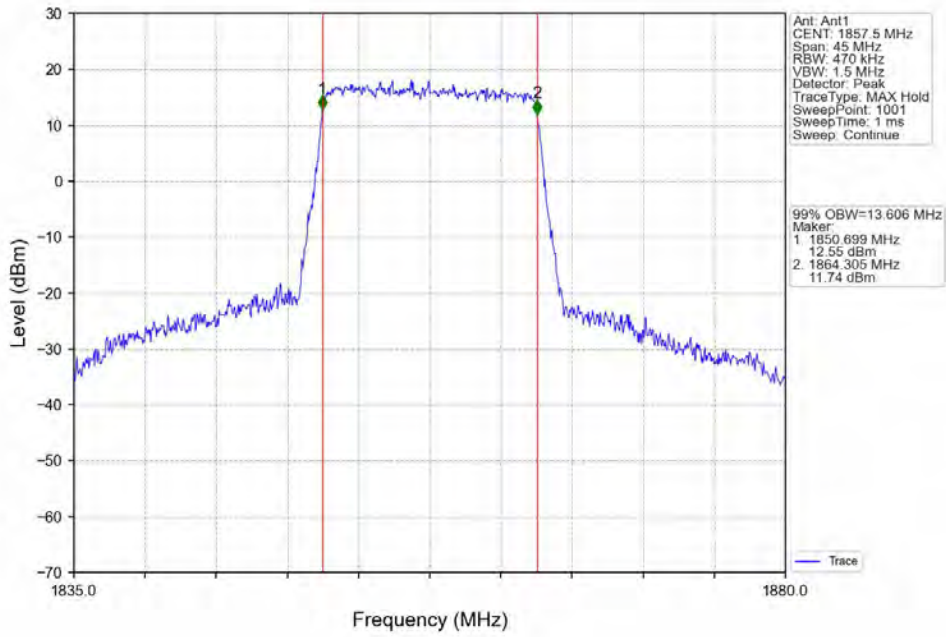
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



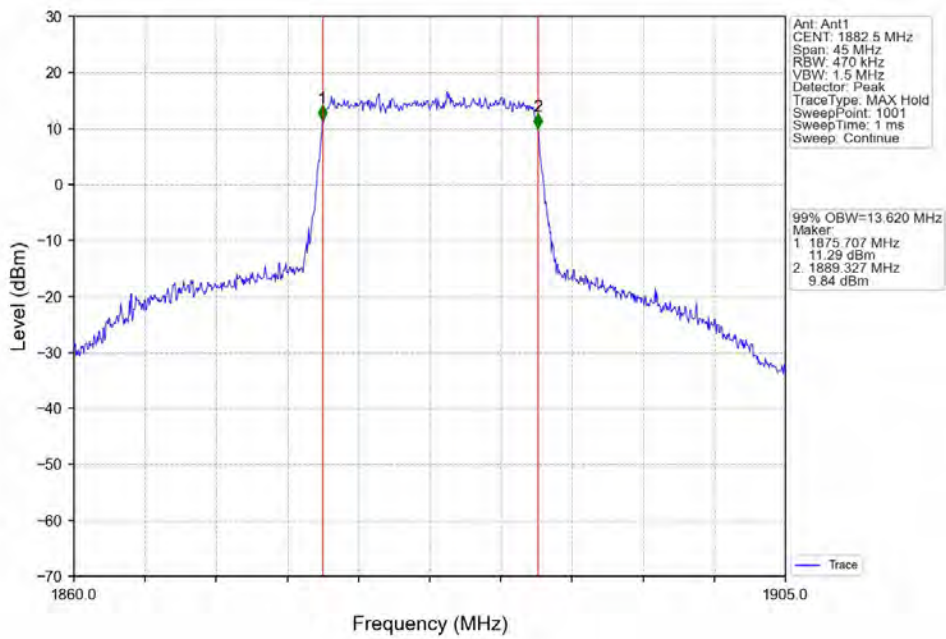
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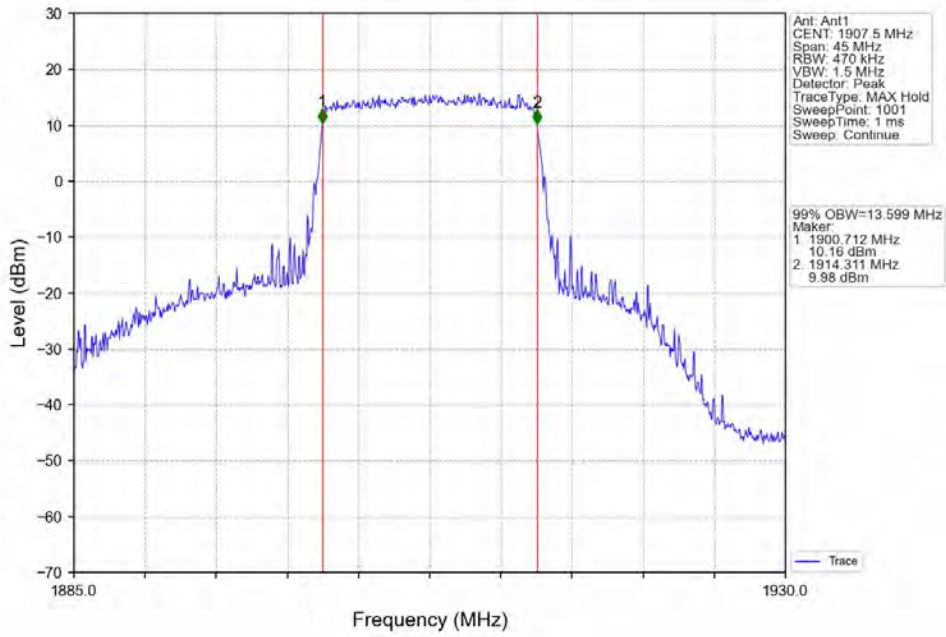
Band25 15MHz QPSK LCH 1857.5MHz RB 75 0 NTNV



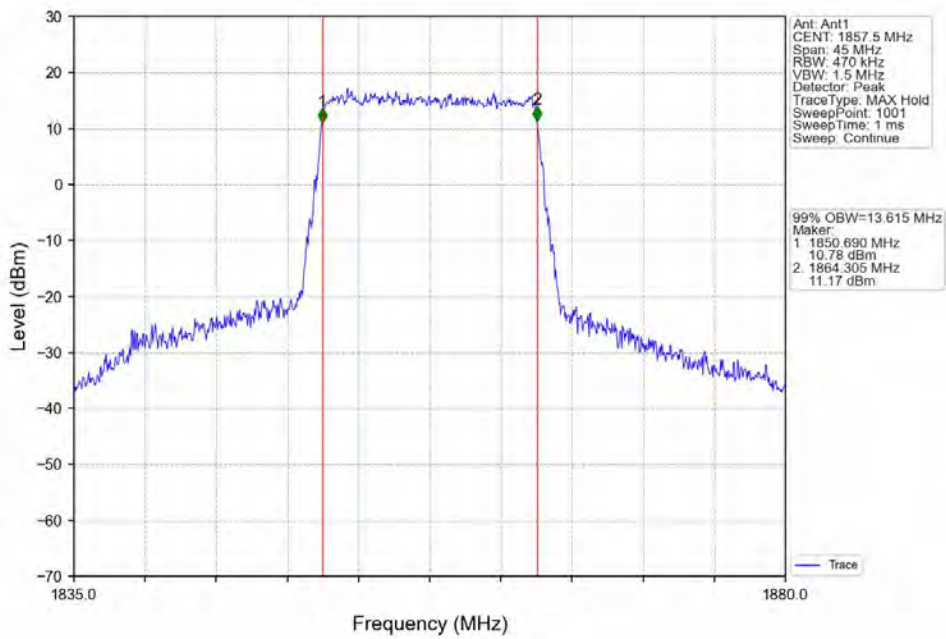
Band25 15MHz QPSK MCH 1882.5MHz RB 75 0 NTNV



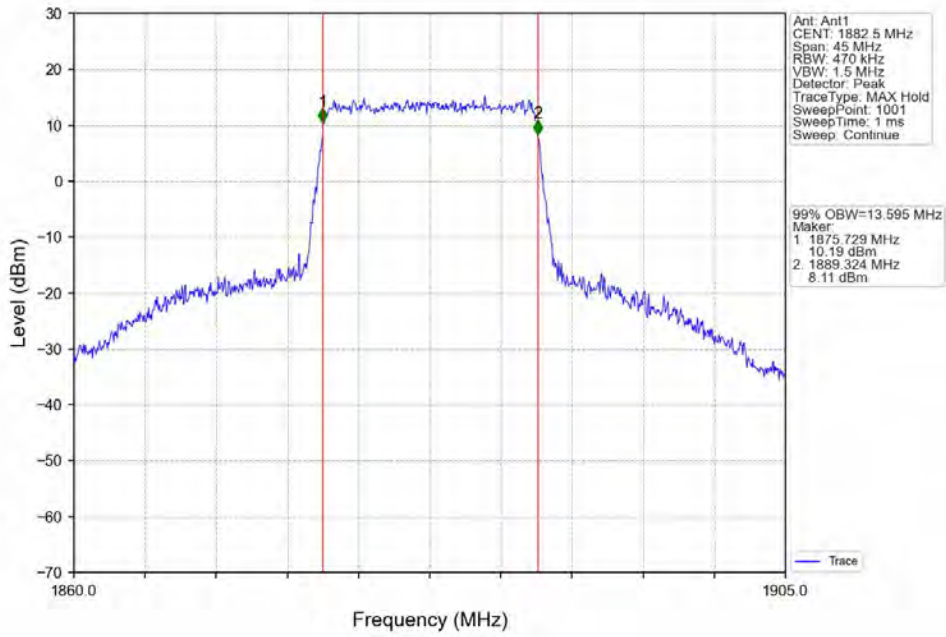
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



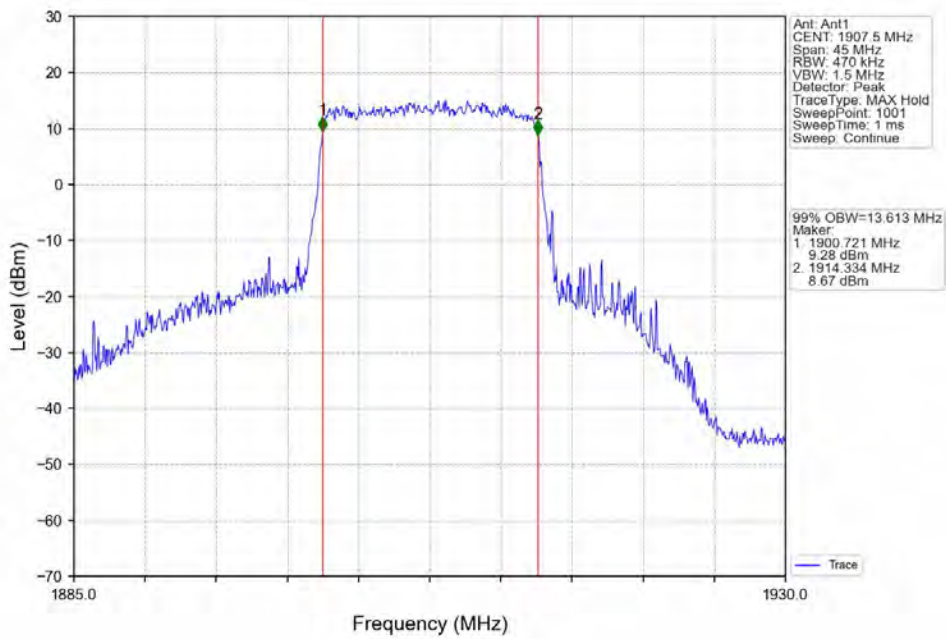
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



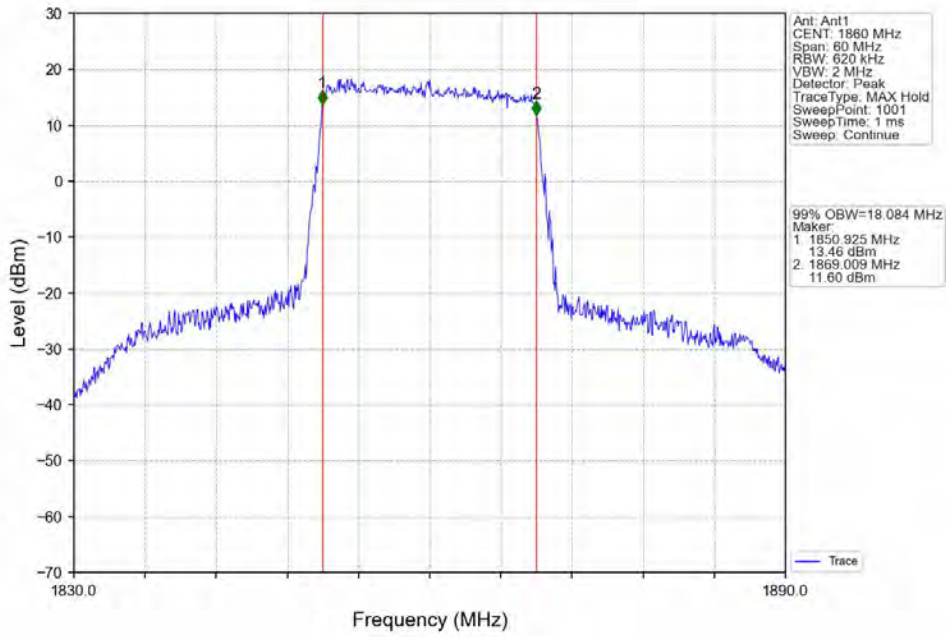
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



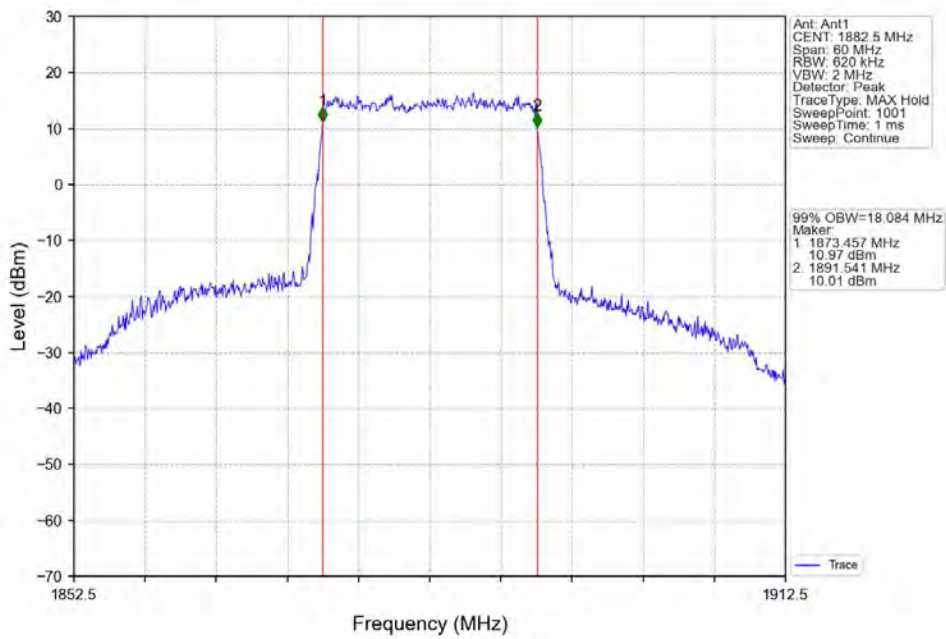
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



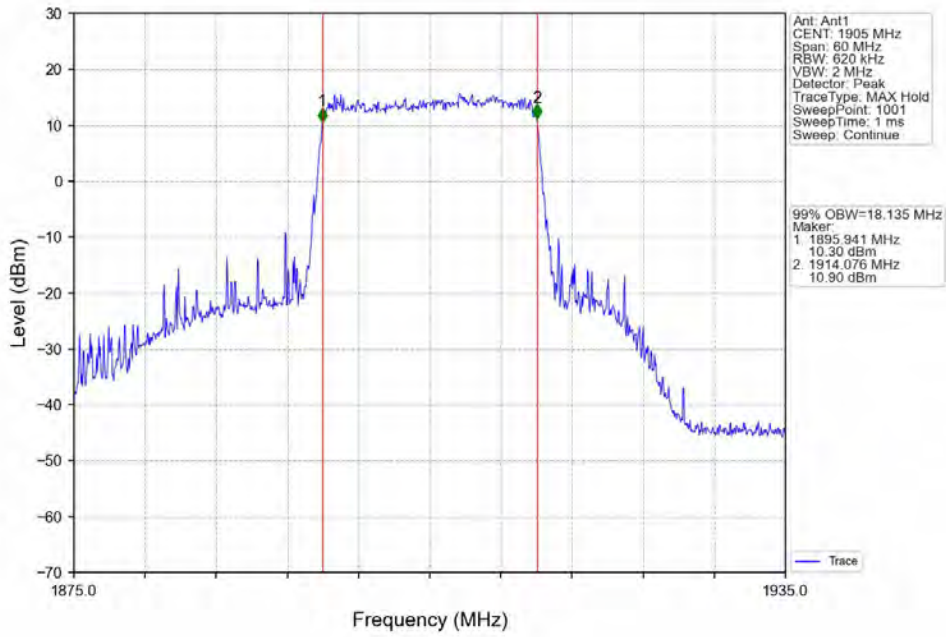
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



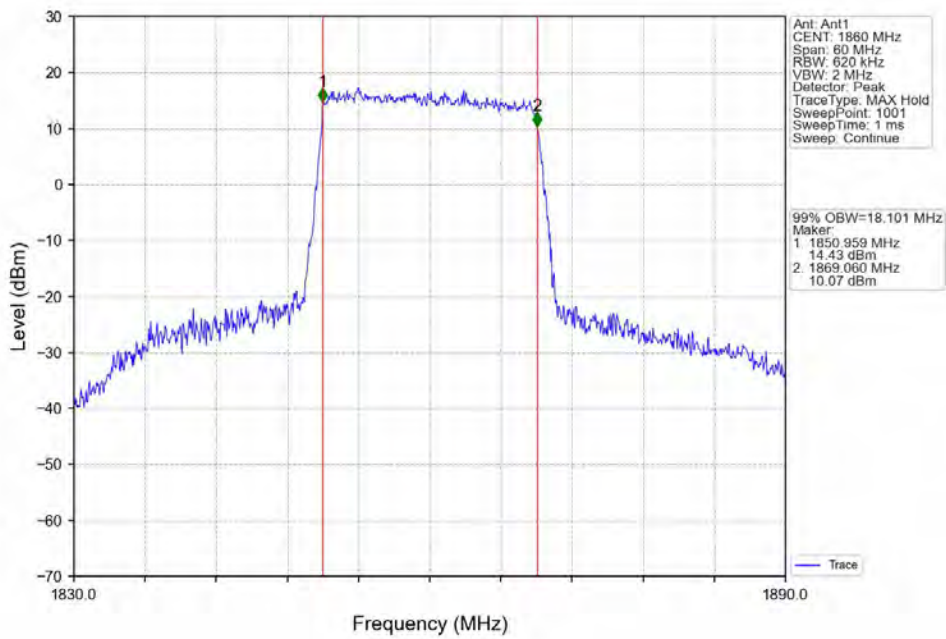
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



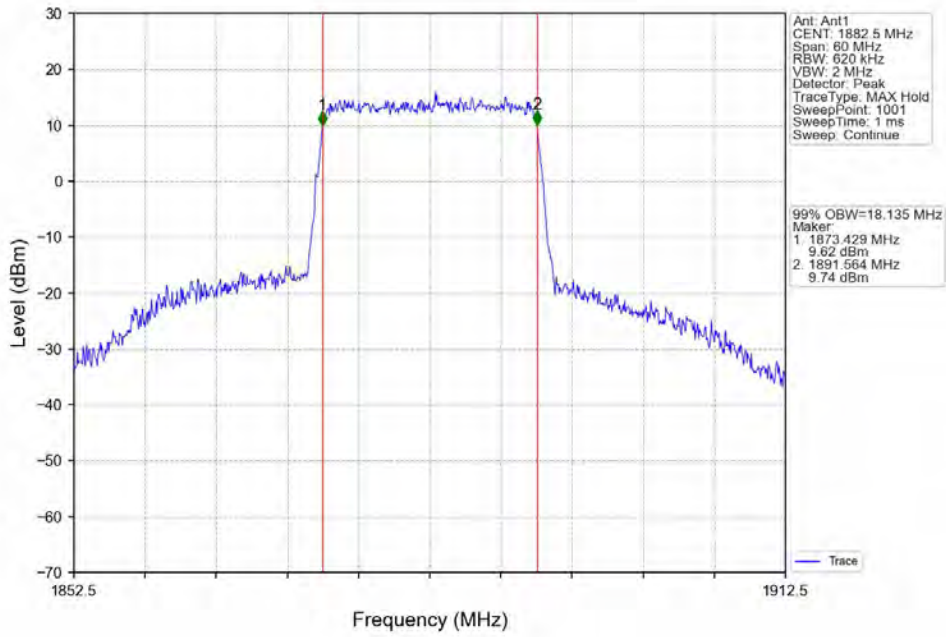
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



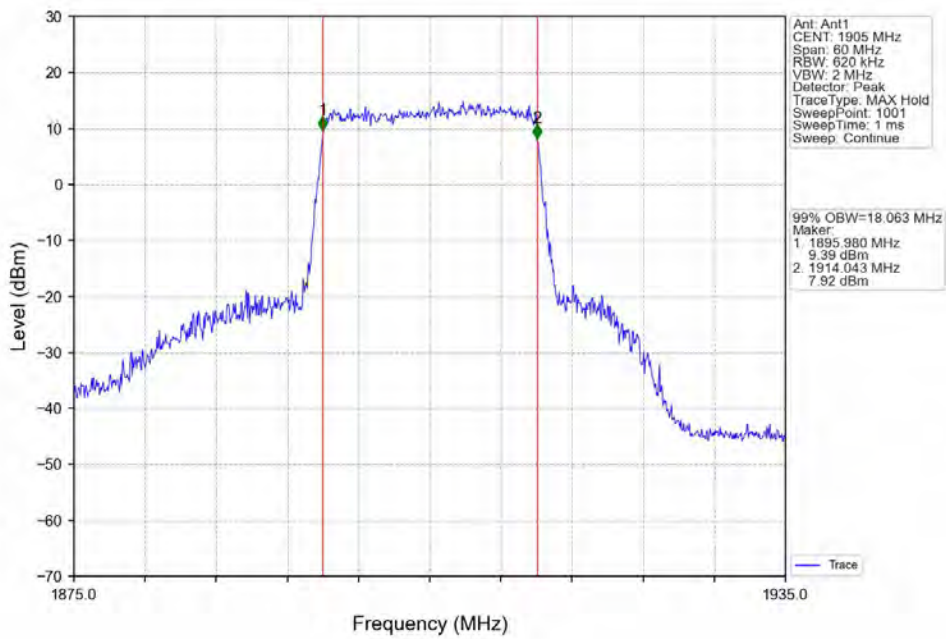
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

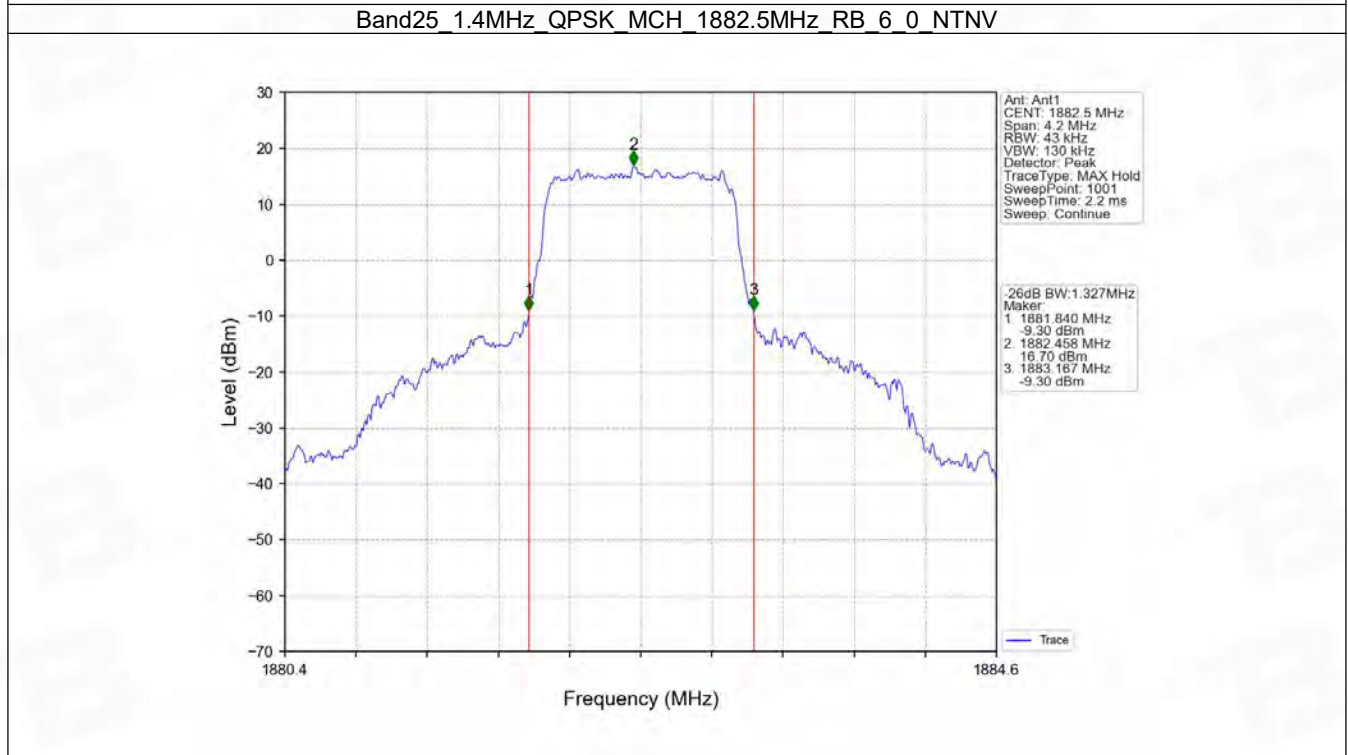
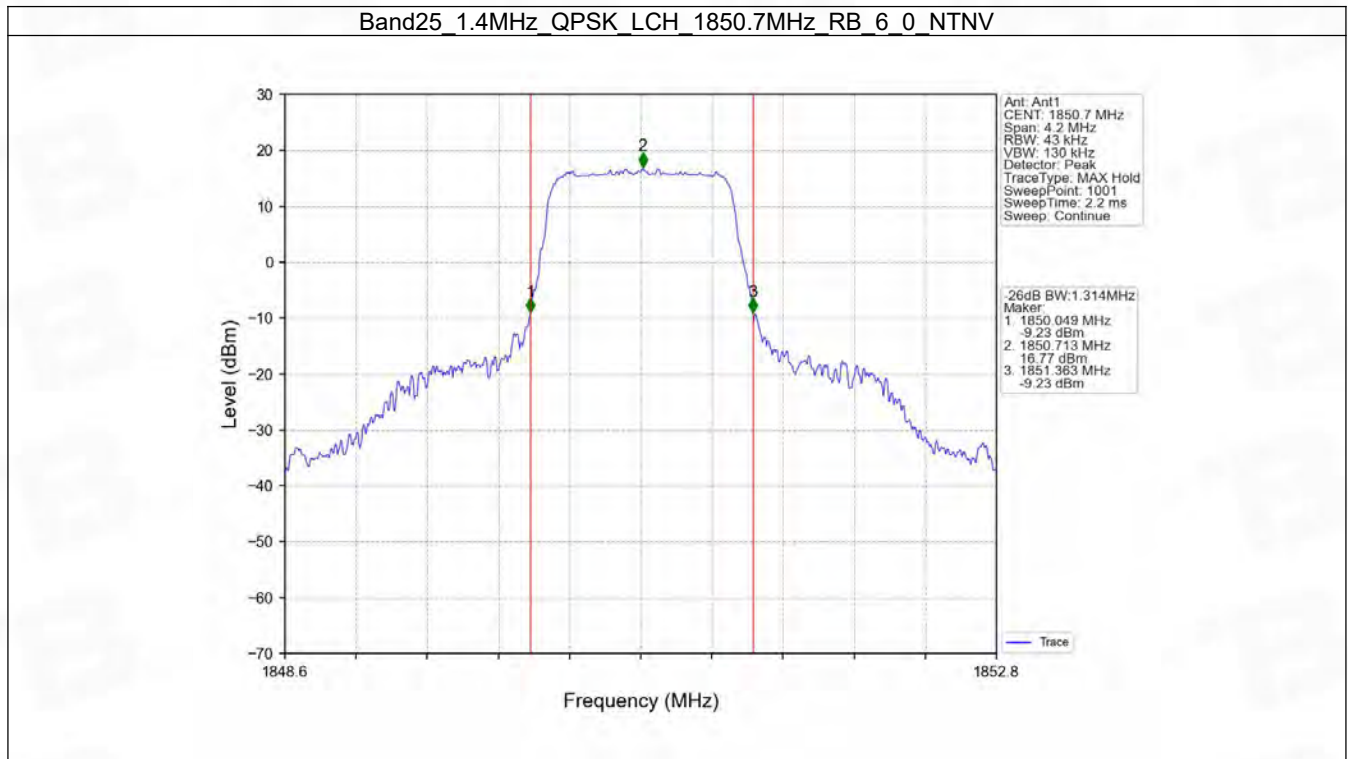


4.2 Band25_XDB

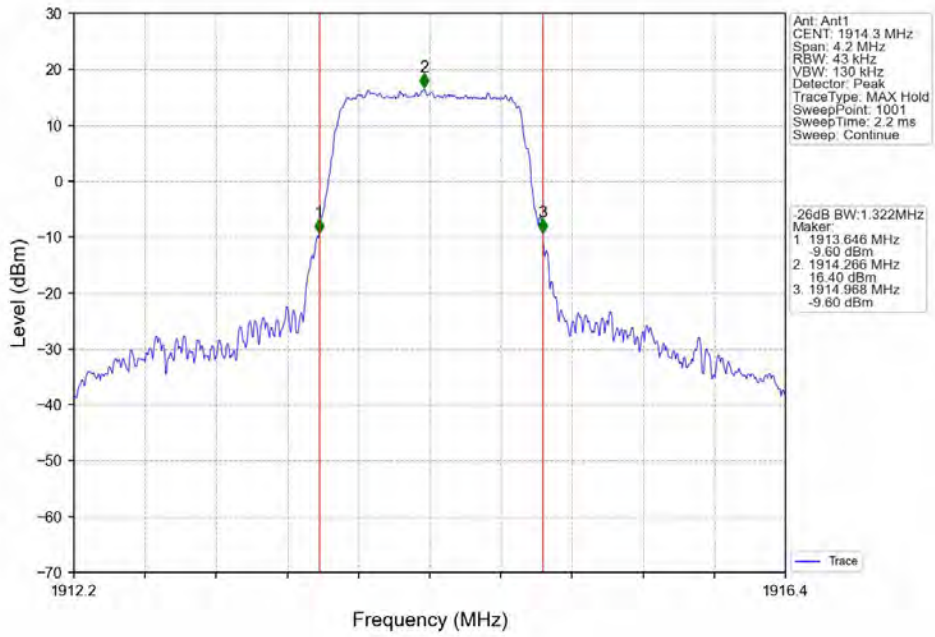
4.2.1 Test Result

Band: 25 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.314	Pass
		1882.5	6	0	1.327	Pass
		1914.3	6	0	1.322	Pass
	16QAM	1850.7	6	0	1.338	Pass
		1882.5	6	0	1.345	Pass
		1914.3	6	0	1.301	Pass
3	QPSK	1851.5	15	0	2.995	Pass
		1882.5	15	0	2.992	Pass
		1913.5	15	0	2.987	Pass
	16QAM	1851.5	15	0	3.002	Pass
		1882.5	15	0	2.996	Pass
		1913.5	15	0	2.985	Pass
5	QPSK	1852.5	25	0	5.286	Pass
		1882.5	25	0	5.251	Pass
		1912.5	25	0	5.264	Pass
	16QAM	1852.5	25	0	5.297	Pass
		1882.5	25	0	5.243	Pass
		1912.5	25	0	5.257	Pass
10	QPSK	1855	50	0	10.236	Pass
		1882.5	50	0	10.355	Pass
		1910	50	0	10.335	Pass
	16QAM	1855	50	0	10.325	Pass
		1882.5	50	0	10.262	Pass
		1910	50	0	10.196	Pass
15	QPSK	1857.5	75	0	15.337	Pass
		1882.5	75	0	15.355	Pass
		1907.5	75	0	17.746	Pass
	16QAM	1857.5	75	0	15.262	Pass
		1882.5	75	0	15.272	Pass
		1907.5	75	0	15.478	Pass
20	QPSK	1860	100	0	20.368	Pass
		1882.5	100	0	20.037	Pass
		1905	100	0	23.056	Pass
	16QAM	1860	100	0	20.032	Pass
		1882.5	100	0	19.900	Pass
		1905	100	0	20.177	Pass

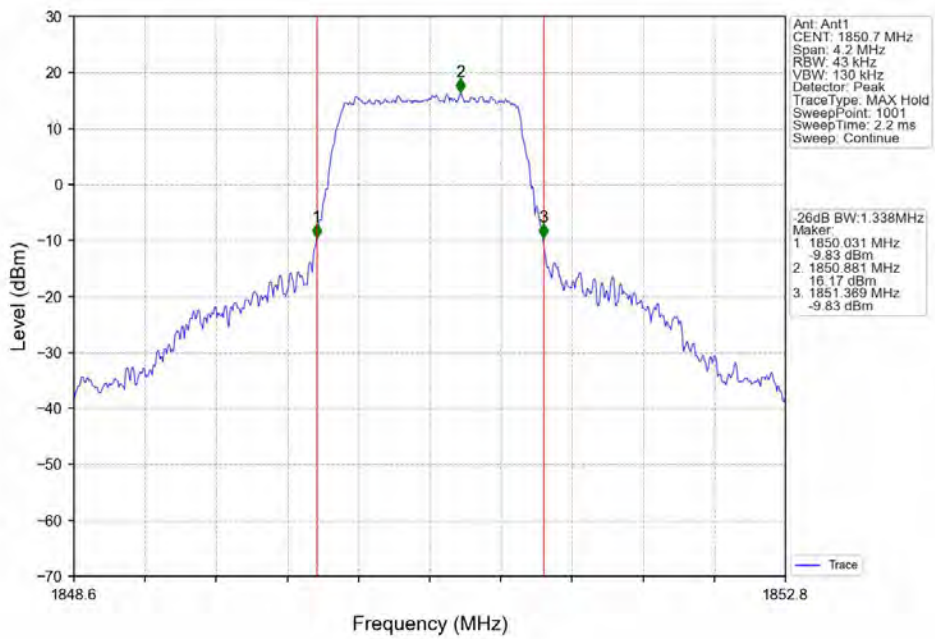
4.2.2 Test Graph



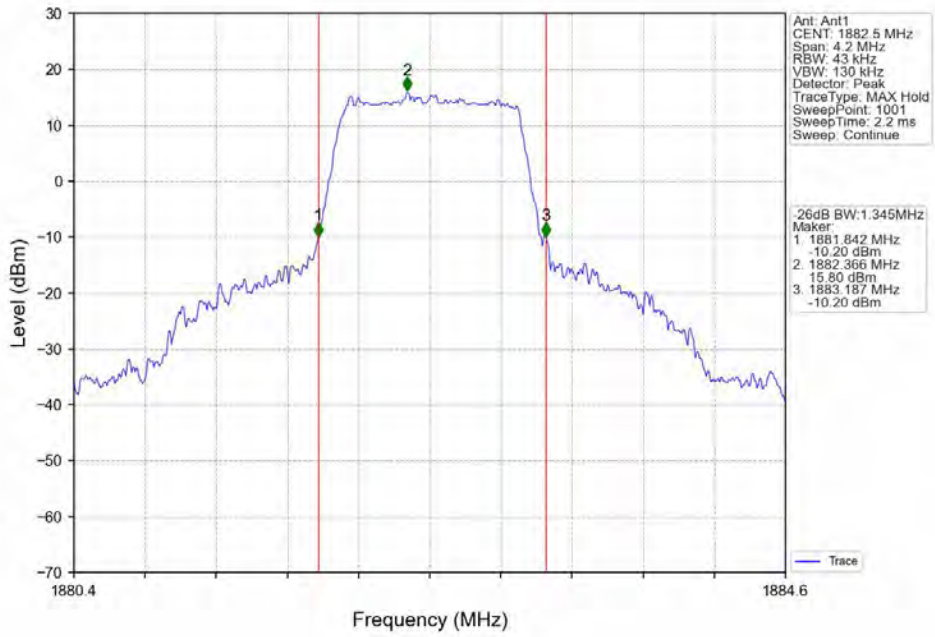
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



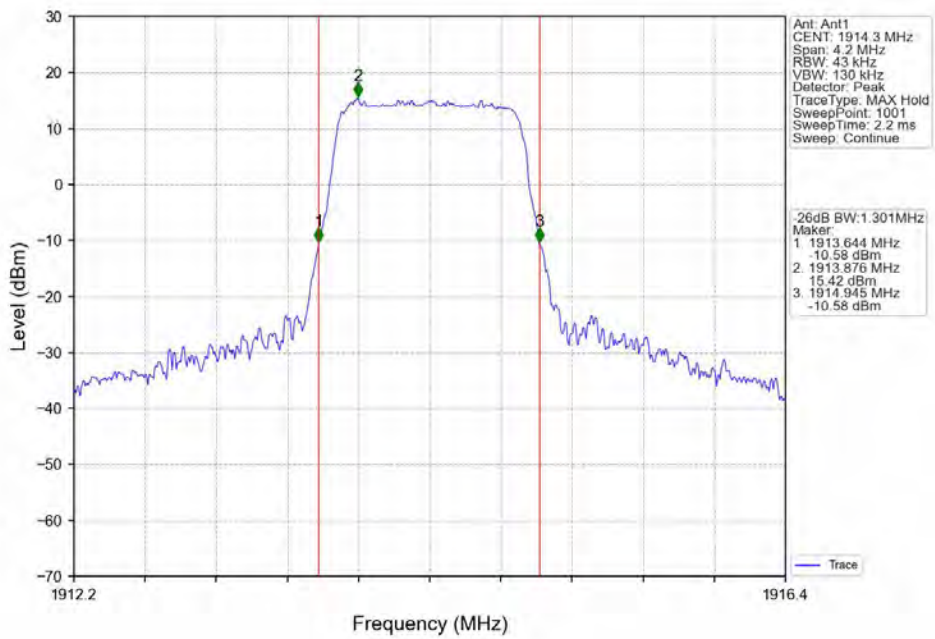
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



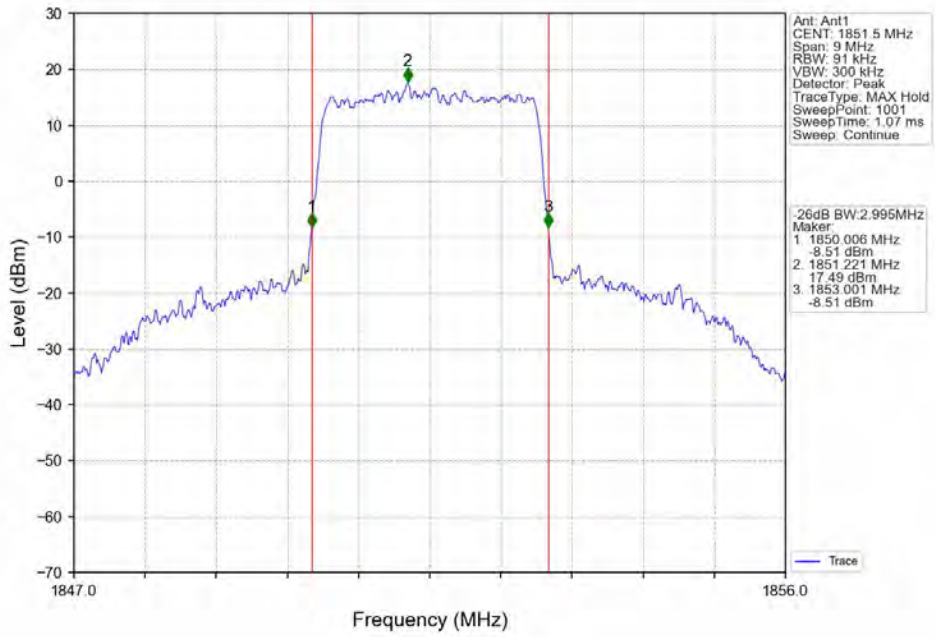
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



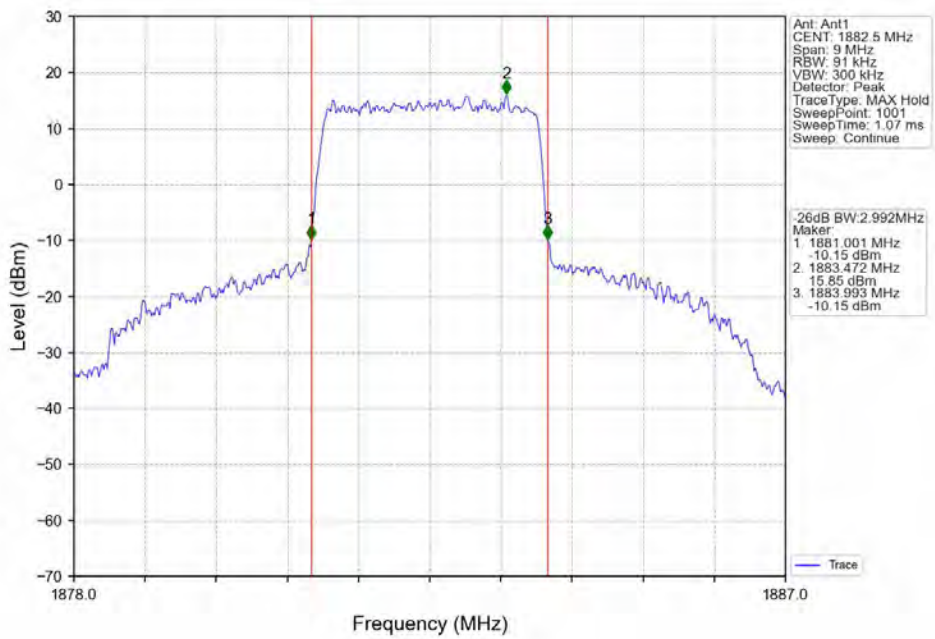
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



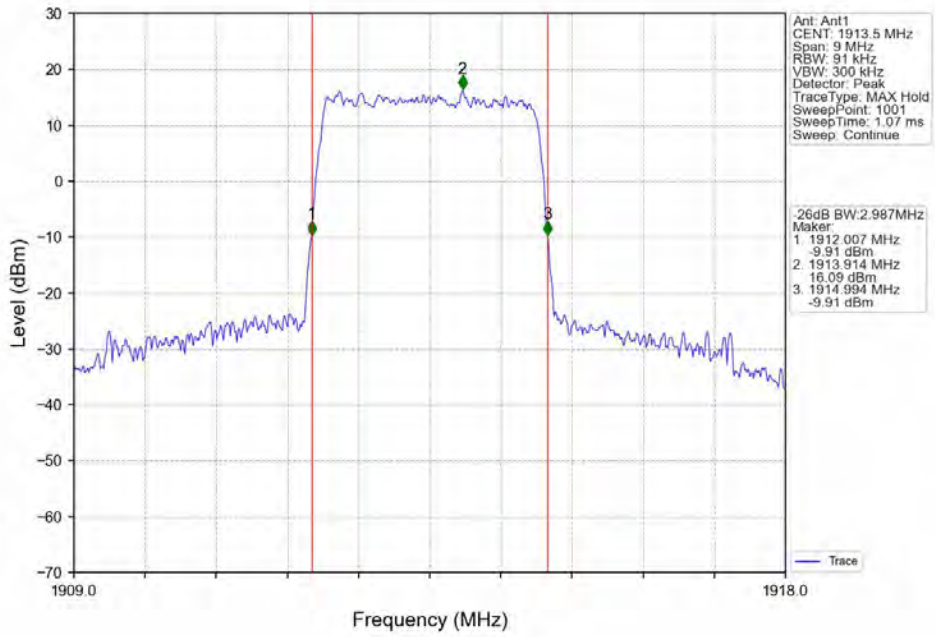
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



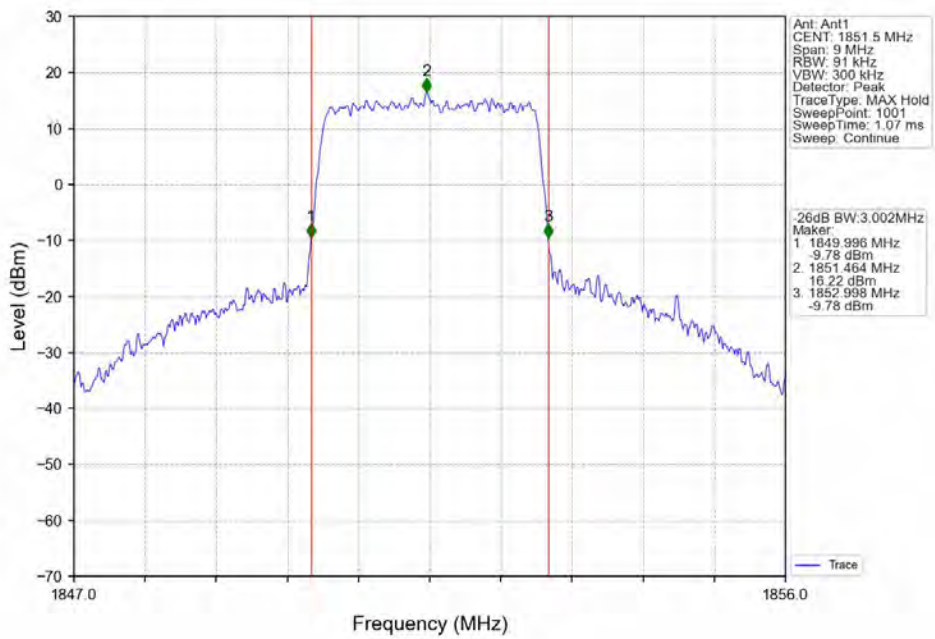
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



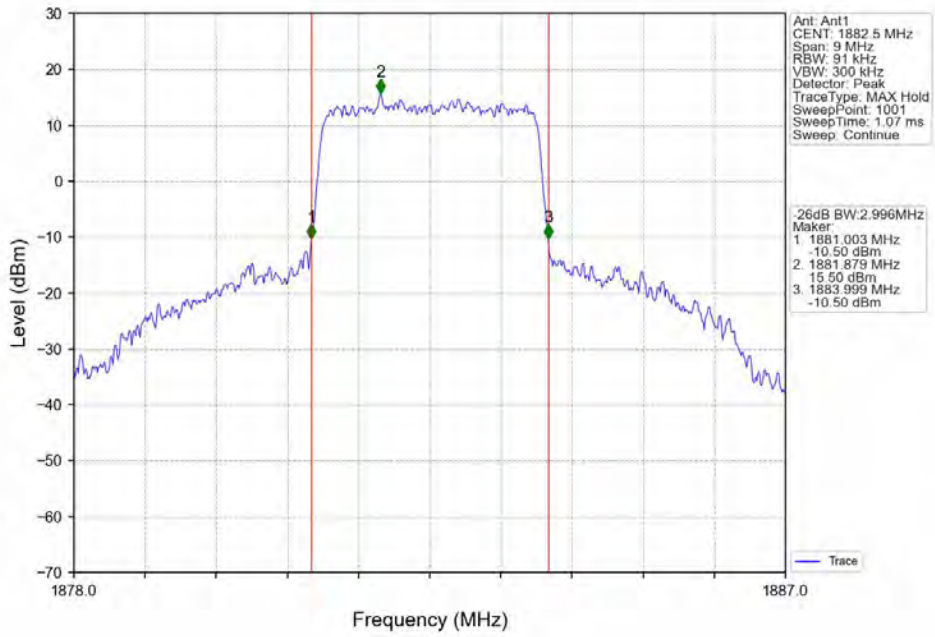
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



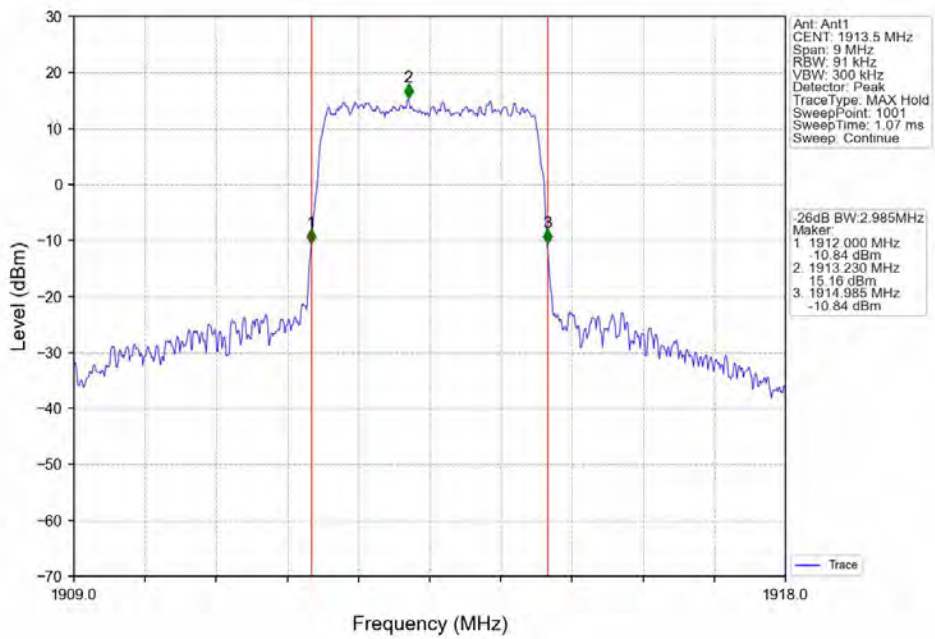
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



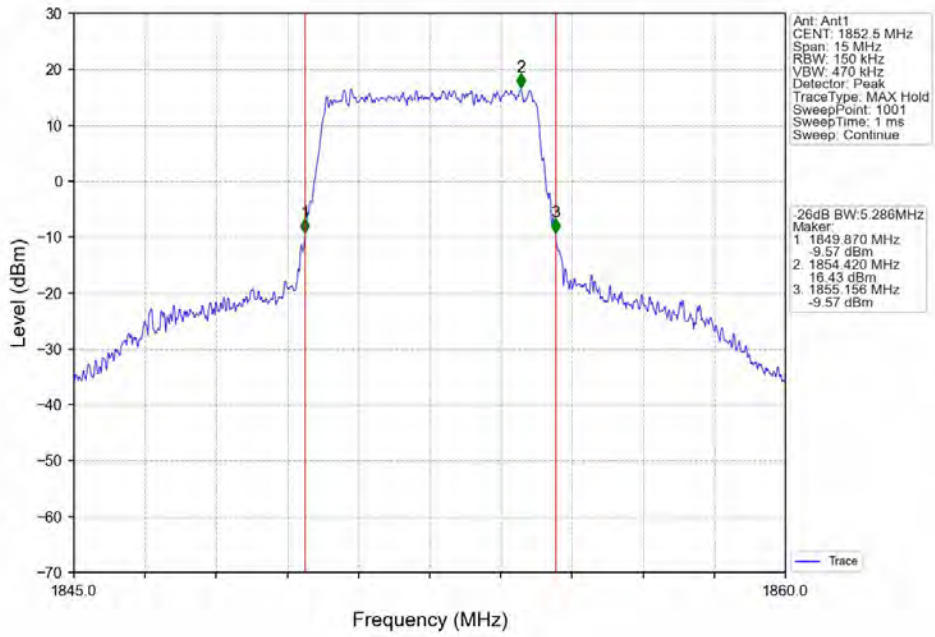
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



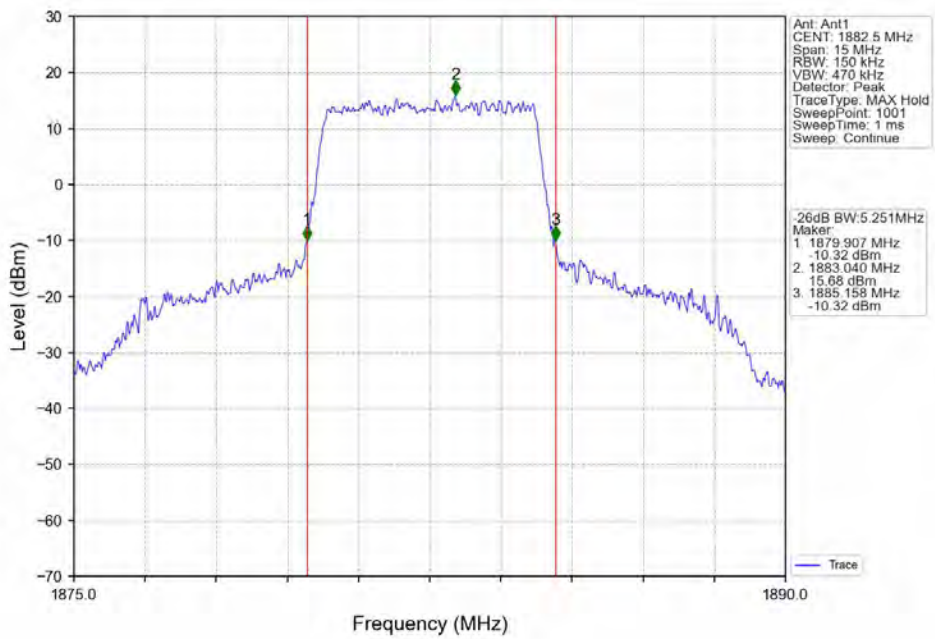
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



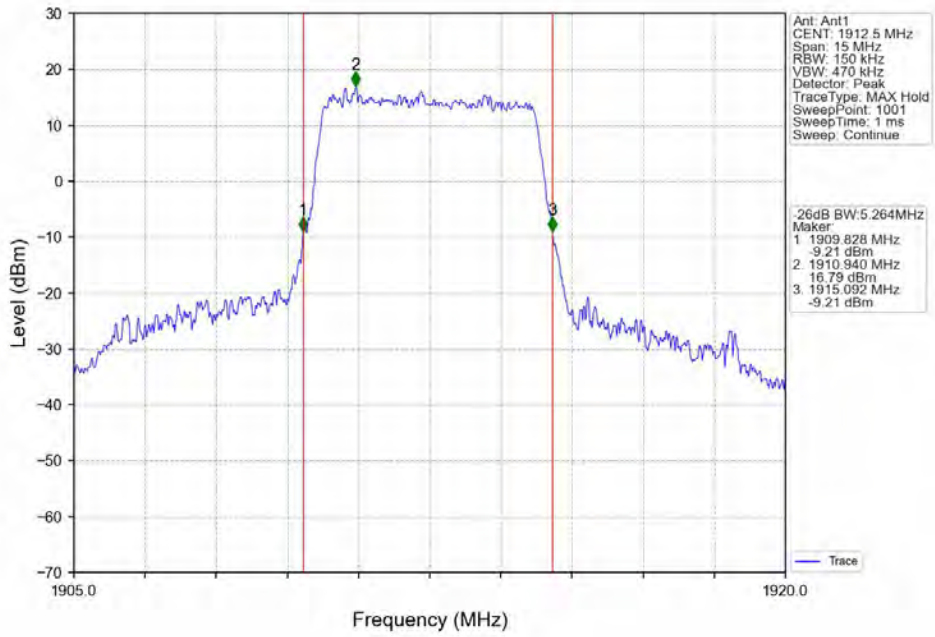
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



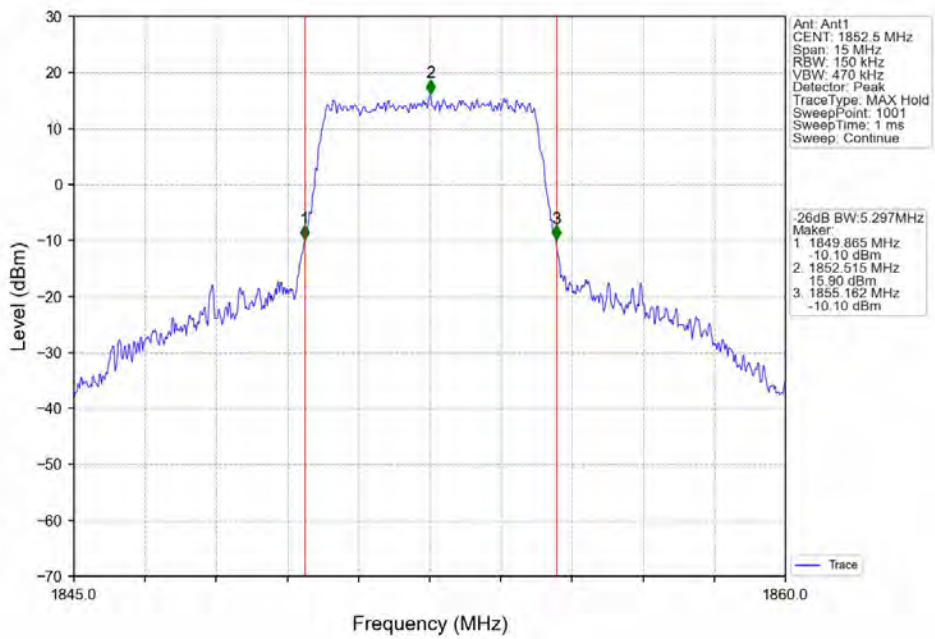
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



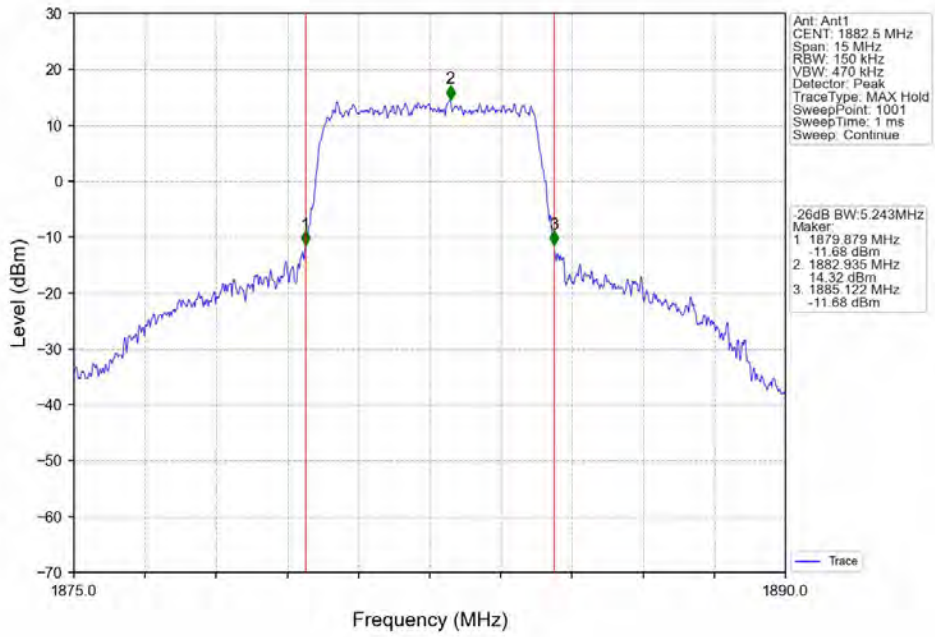
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



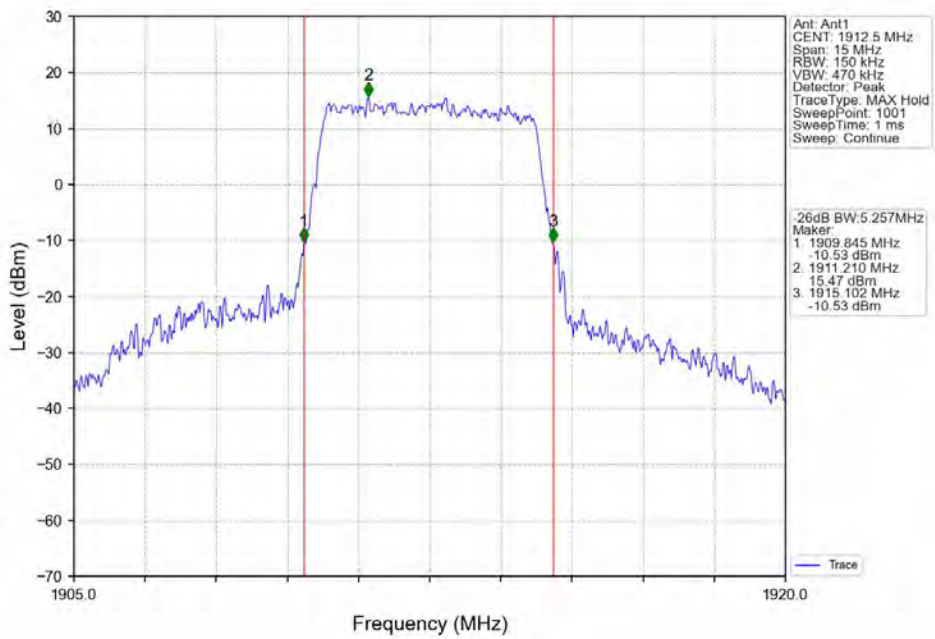
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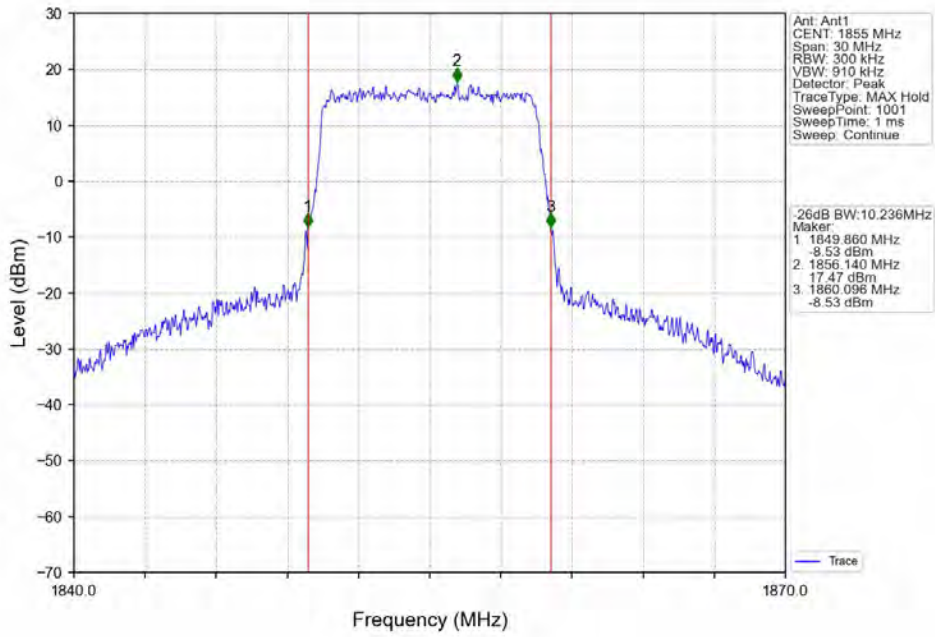
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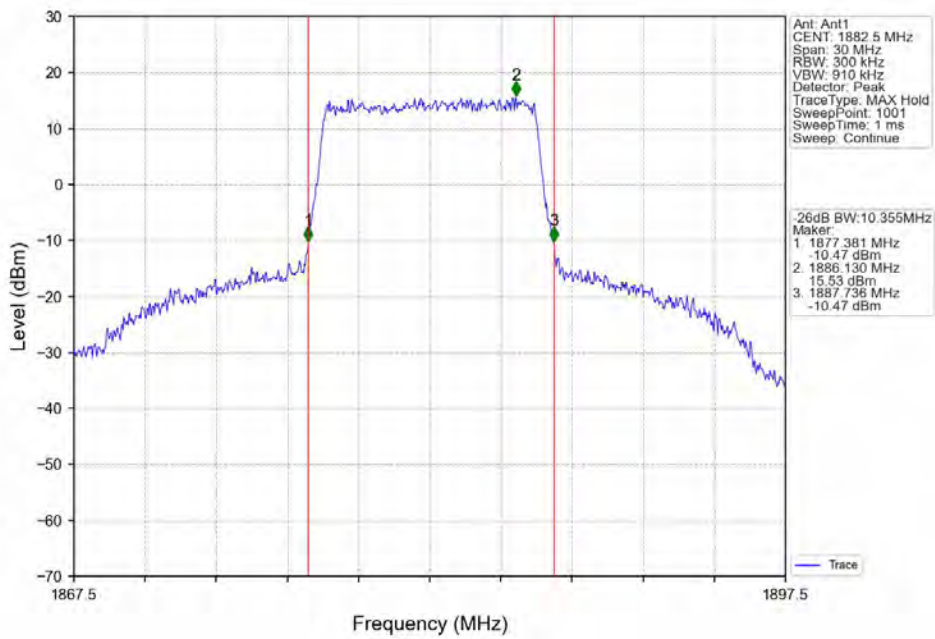
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



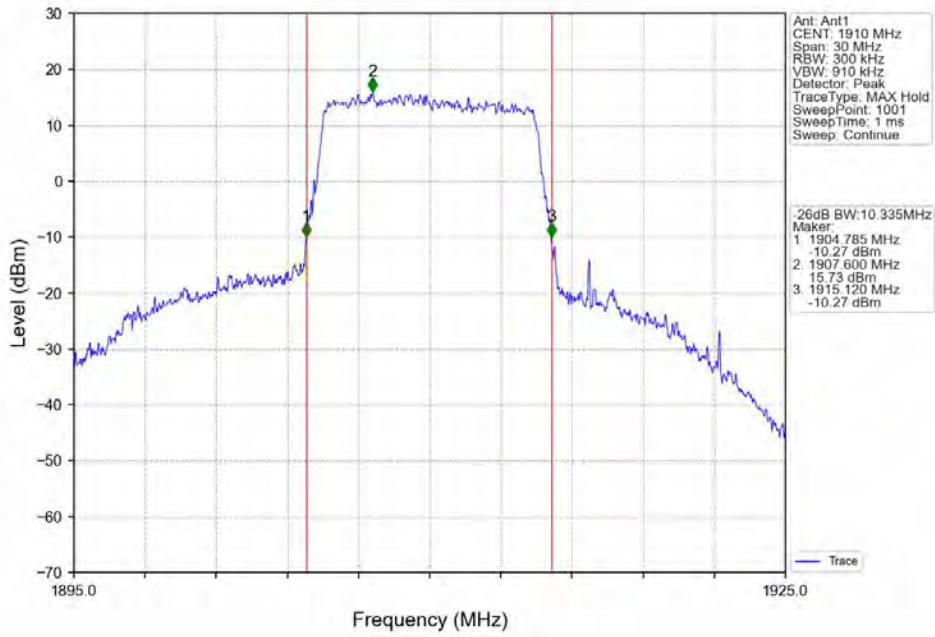
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



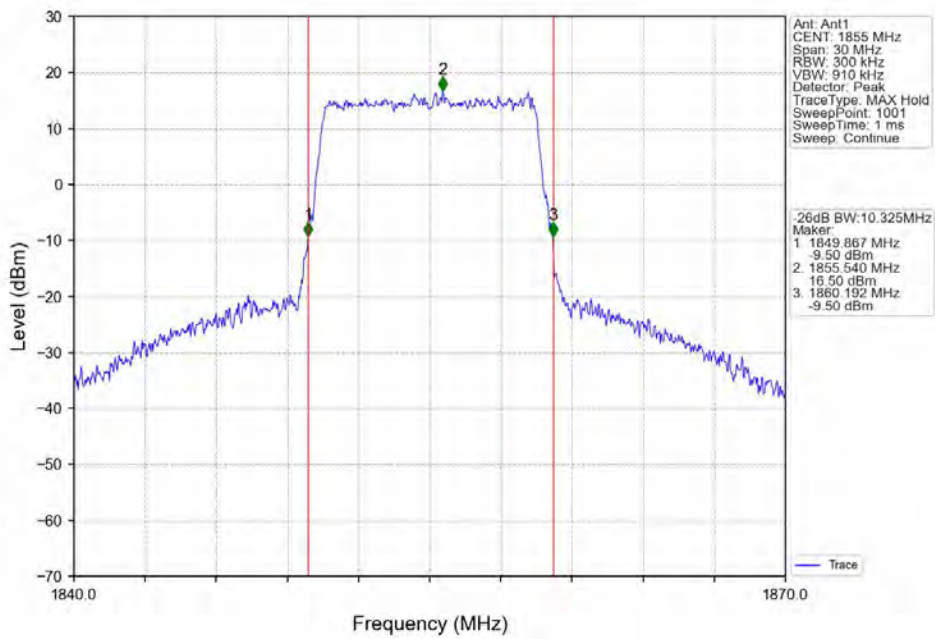
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



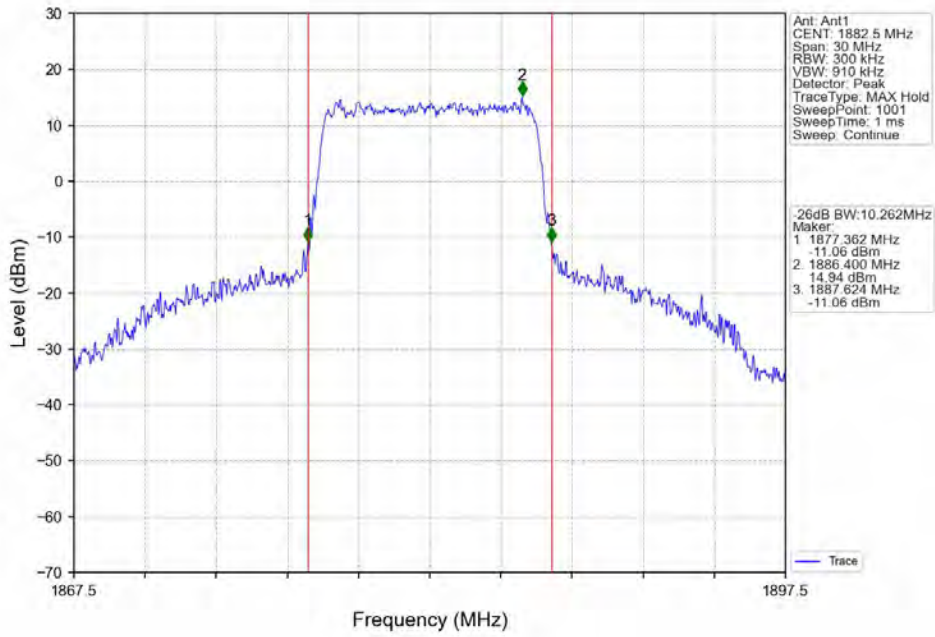
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



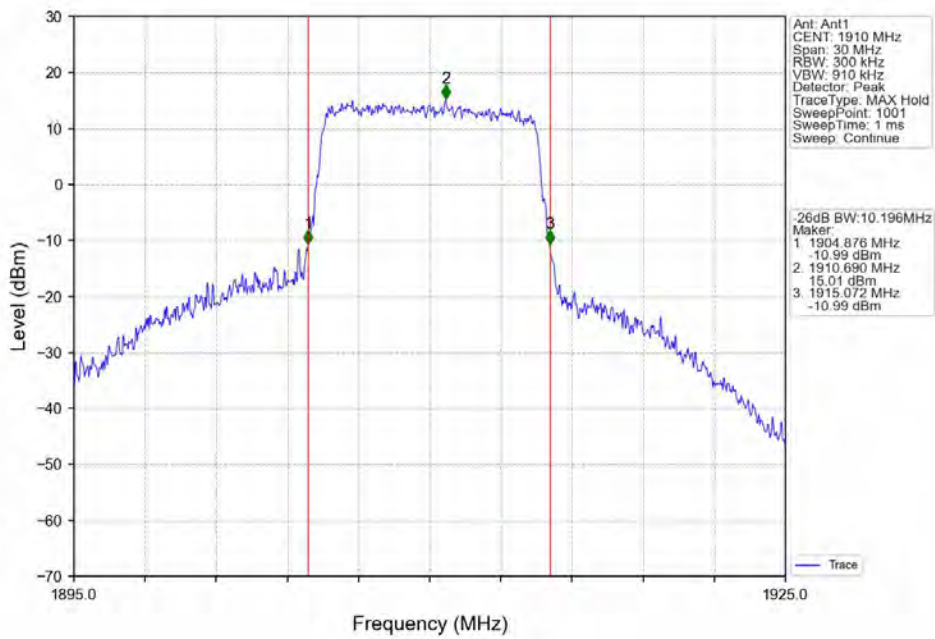
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



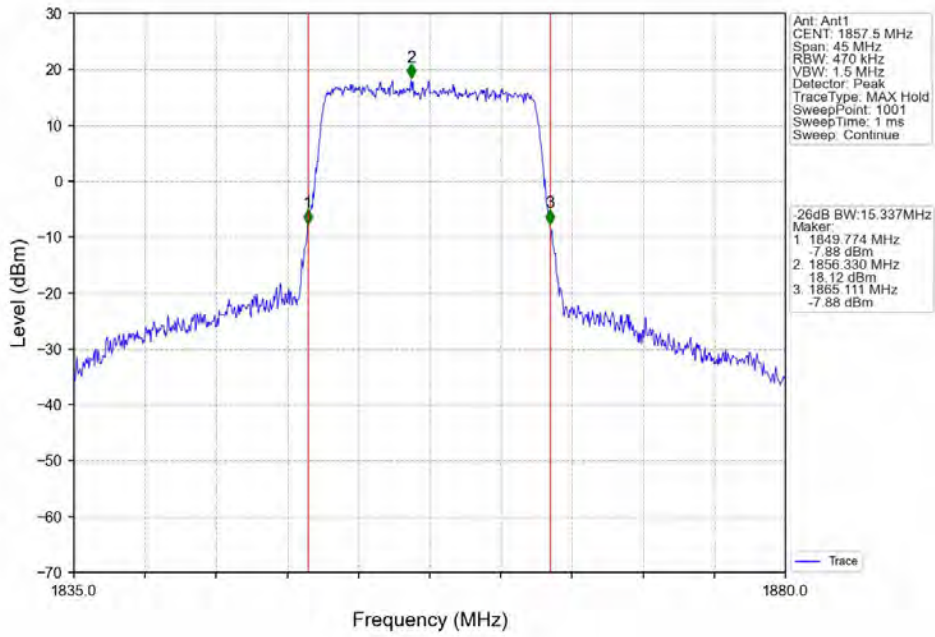
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



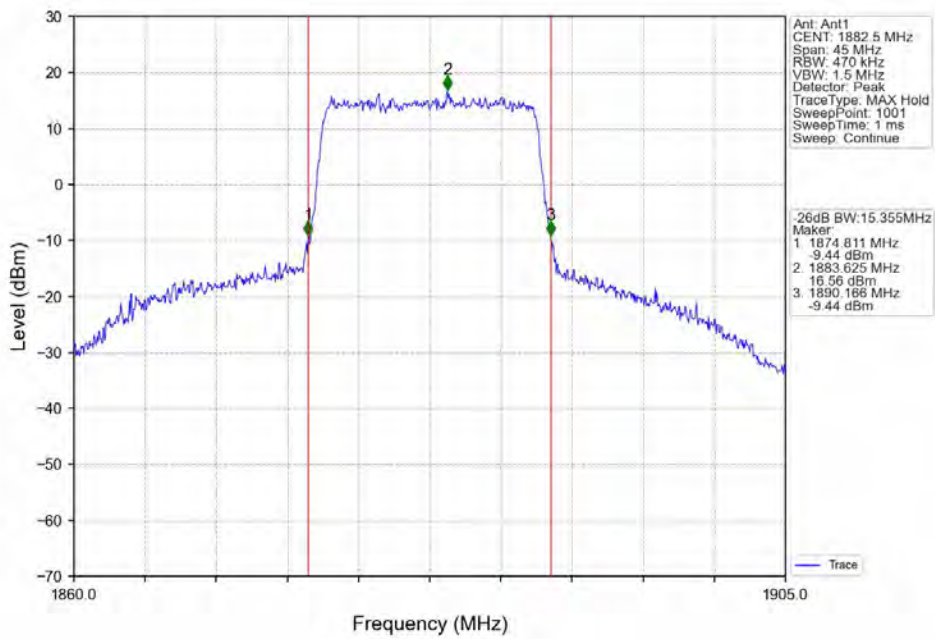
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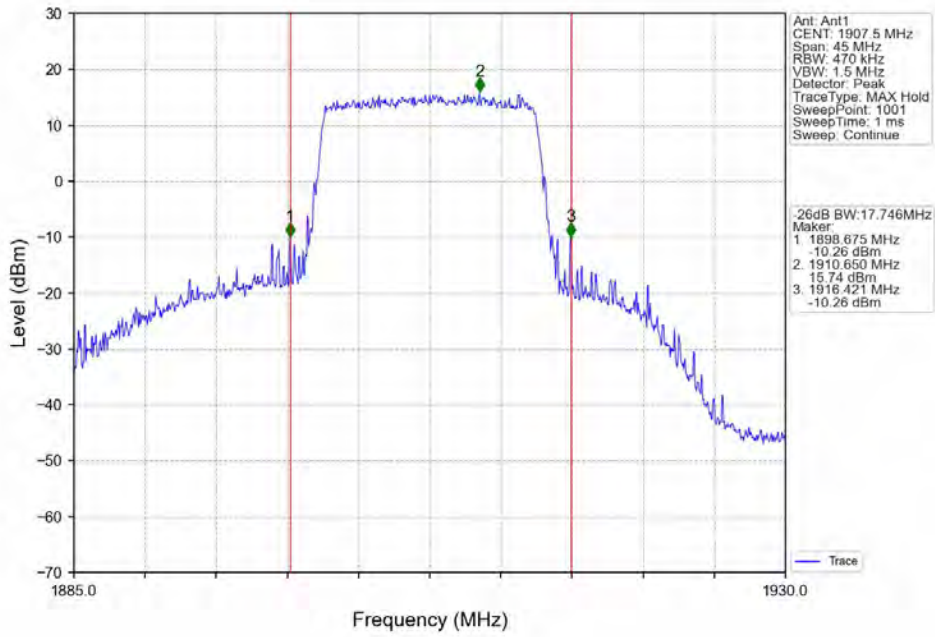
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



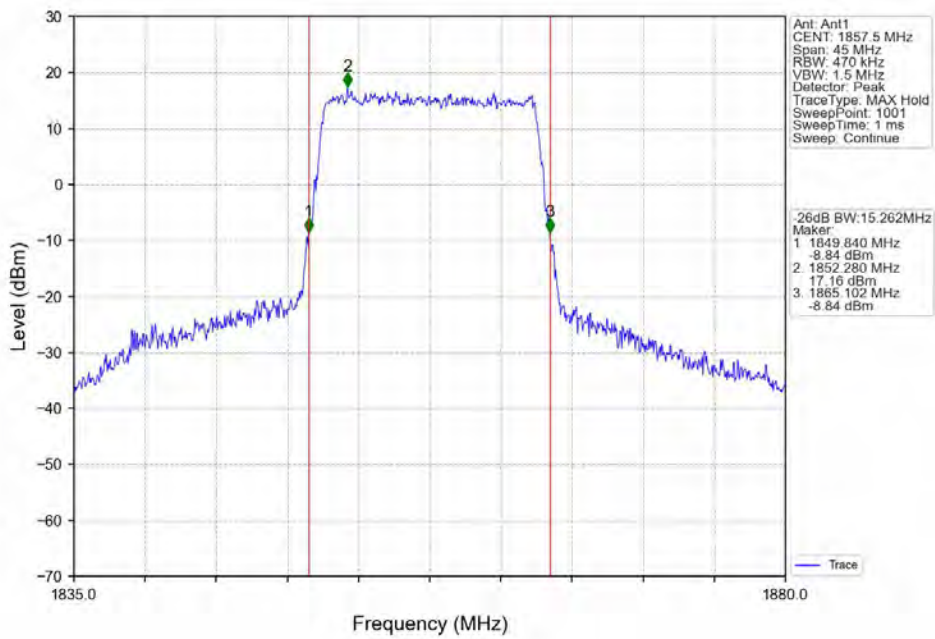
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



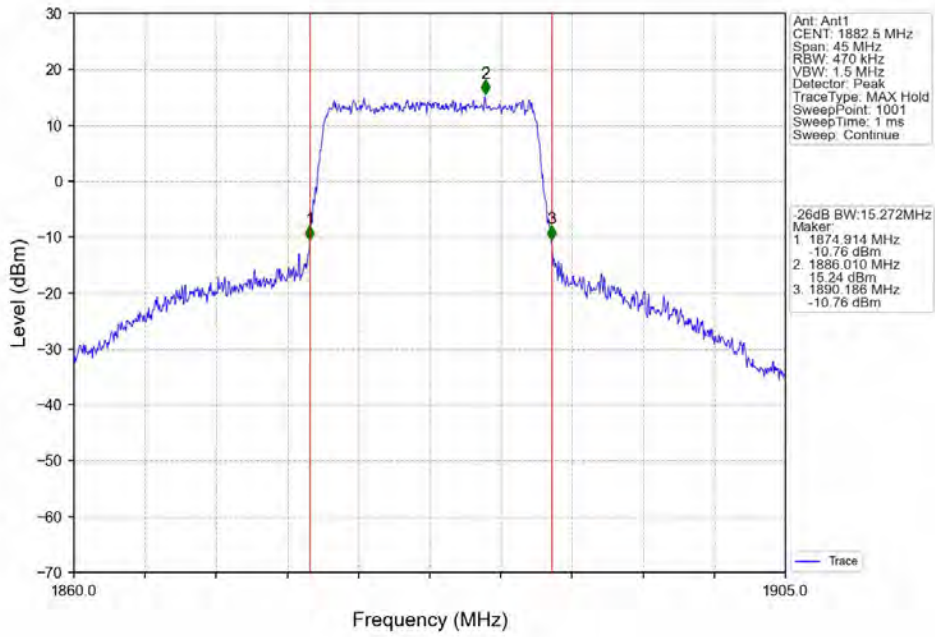
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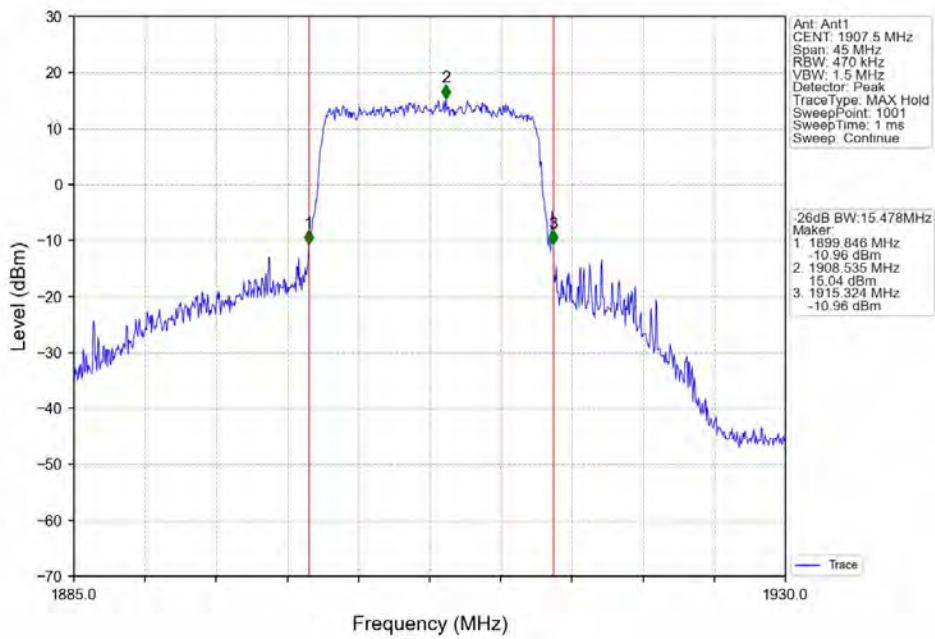
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



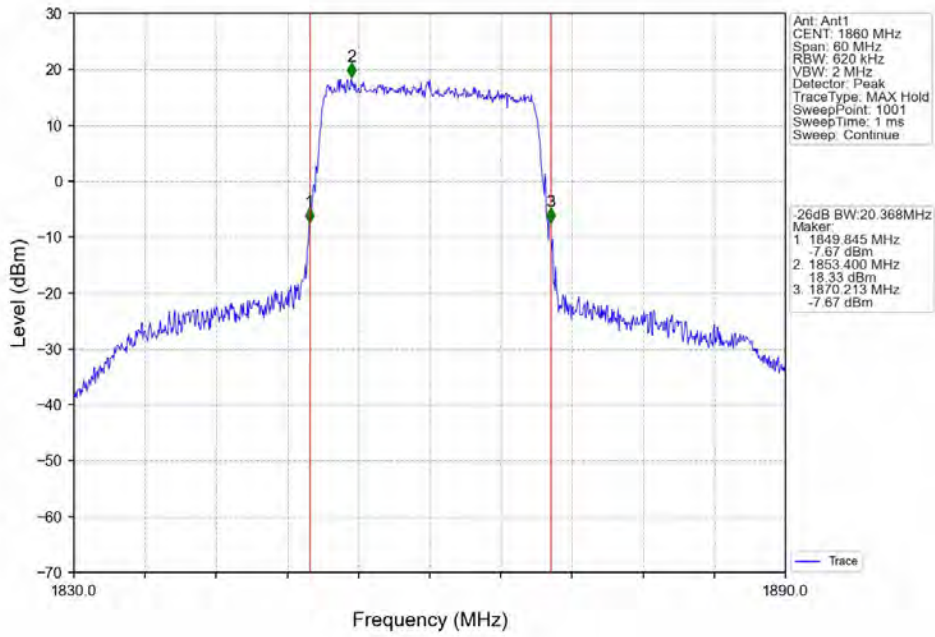
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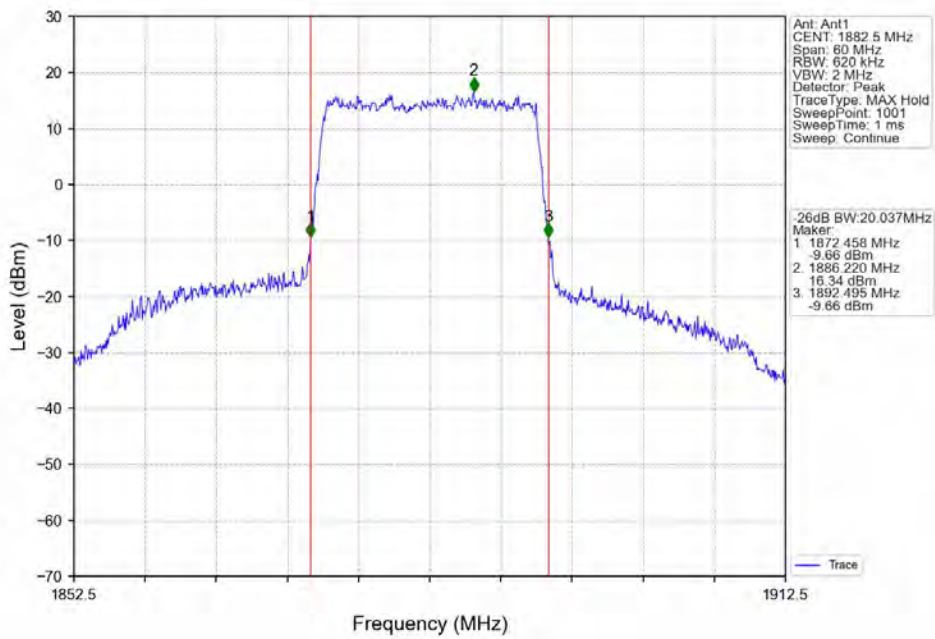
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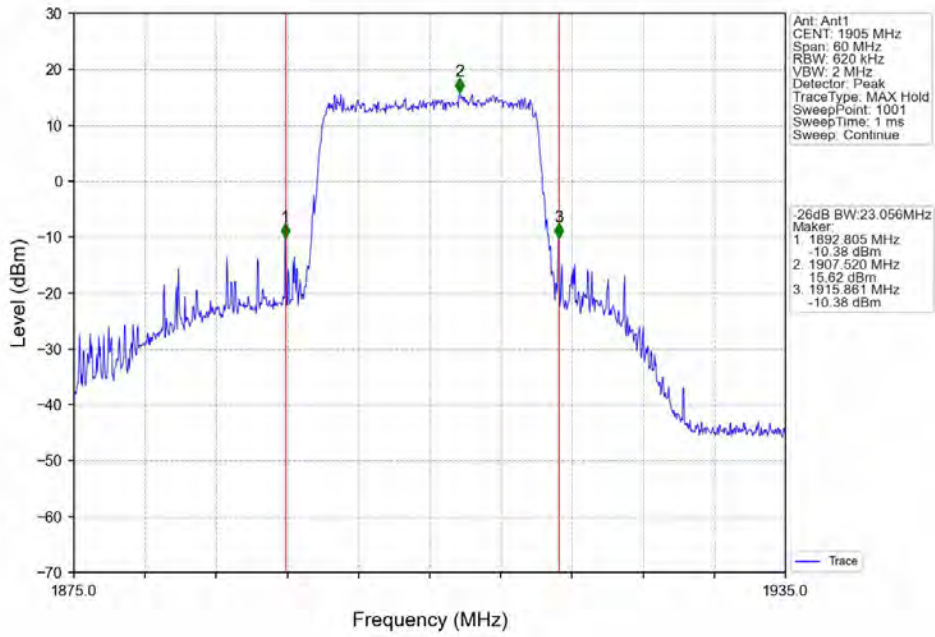
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



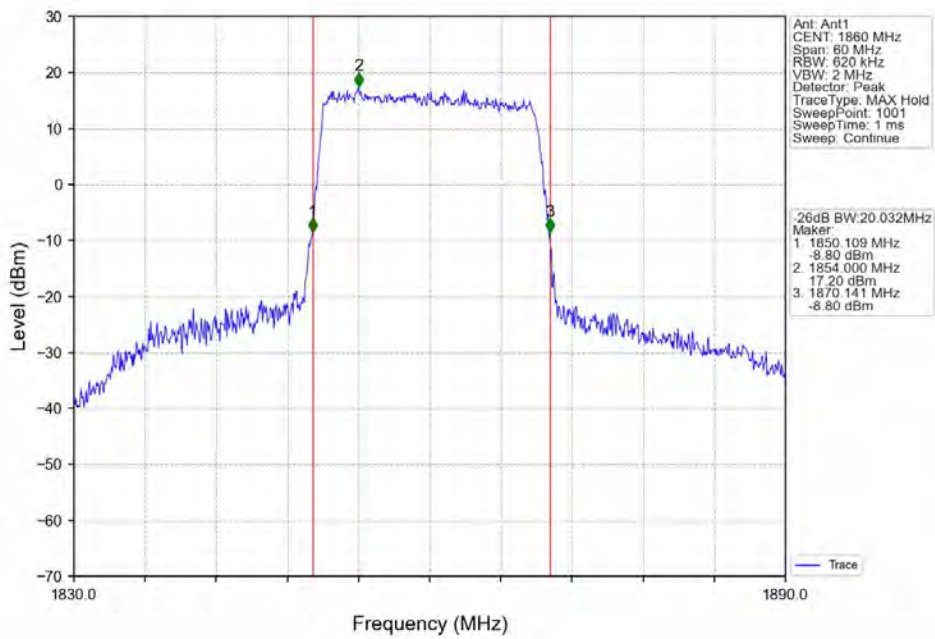
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



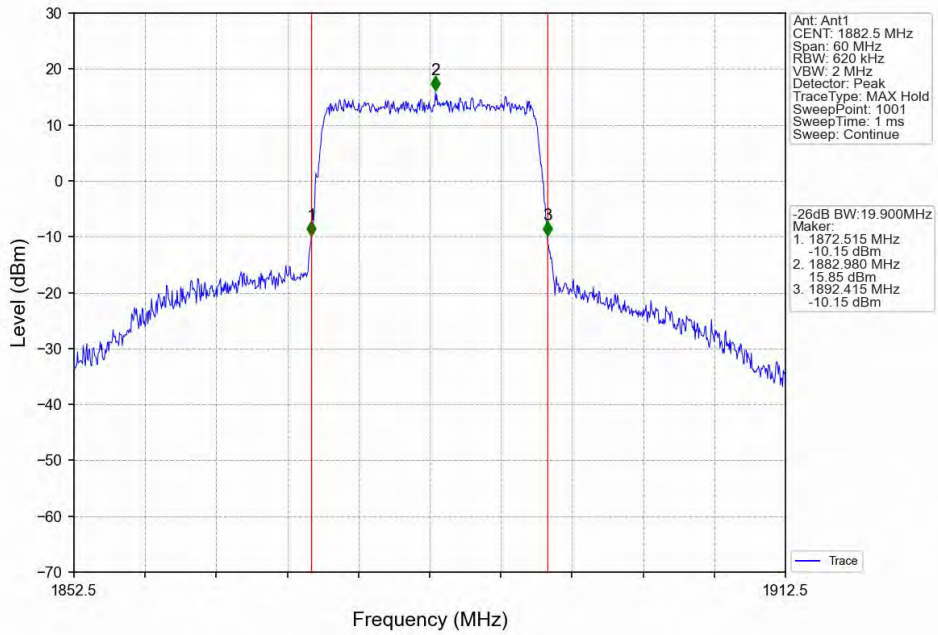
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



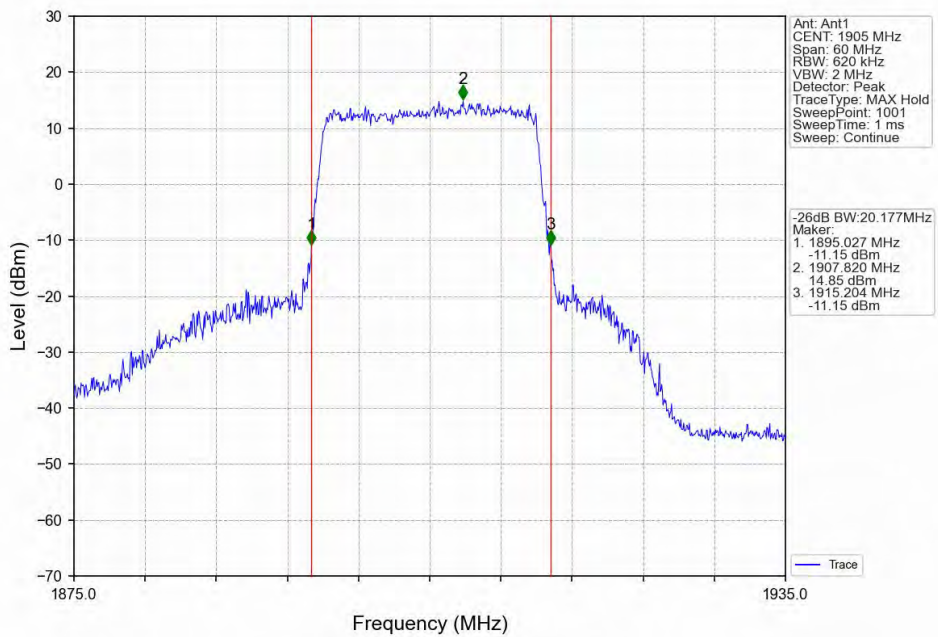
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



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



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



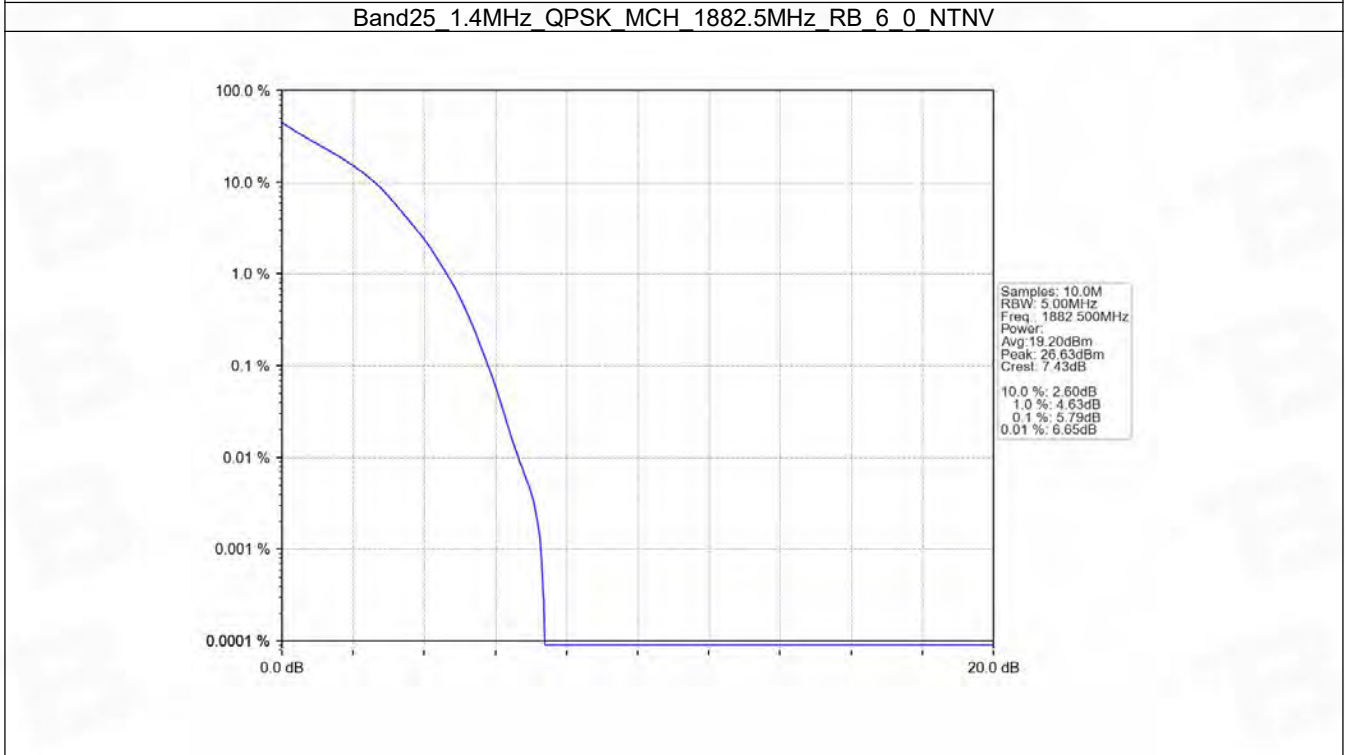
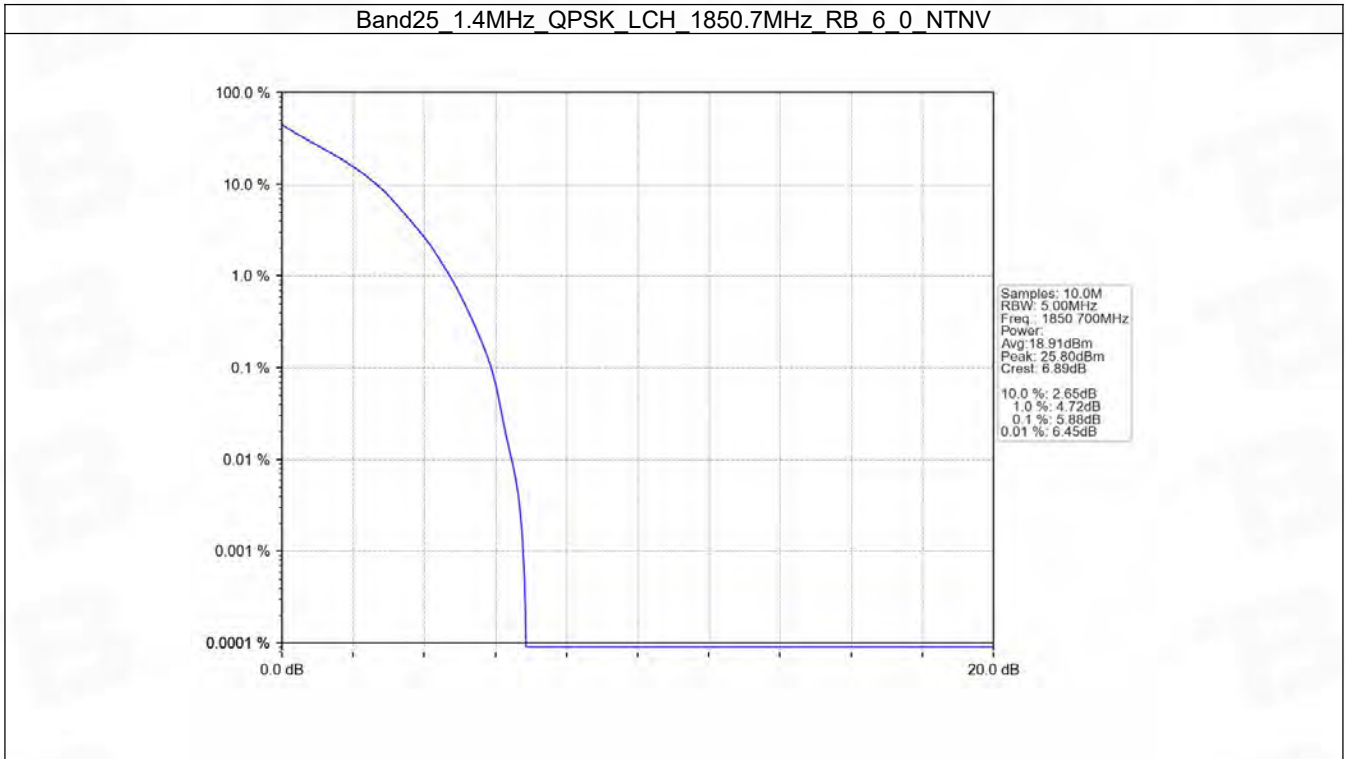
5. Peak-Average Ratio

5.1 B25_1.4MHz

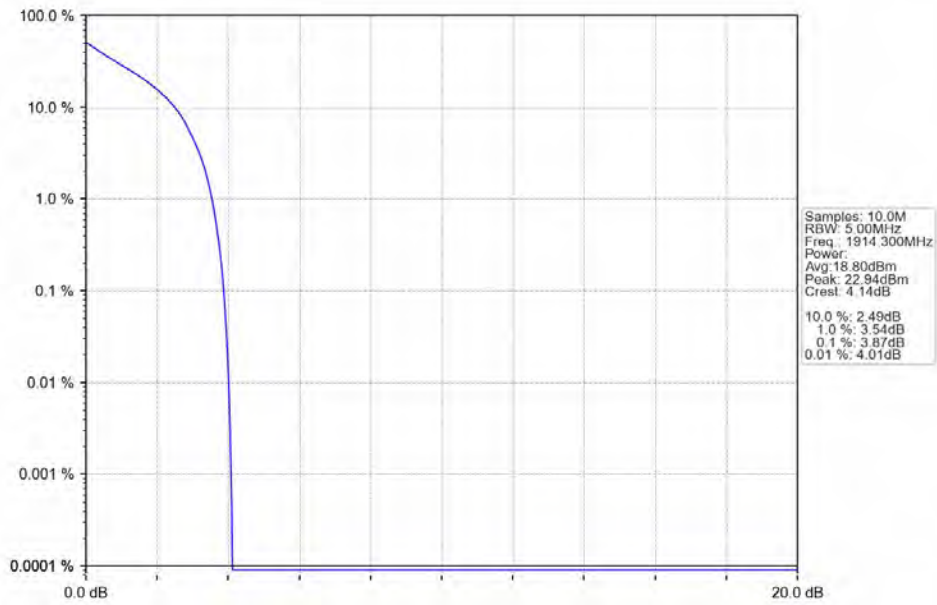
5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.88	<=13	Pass
	1882.5	6	0	5.79	<=13	Pass
	1914.3	6	0	3.87	<=13	Pass
16QAM	1850.7	6	0	6.69	<=13	Pass
	1882.5	6	0	6.48	<=13	Pass
	1914.3	6	0	4.80	<=13	Pass

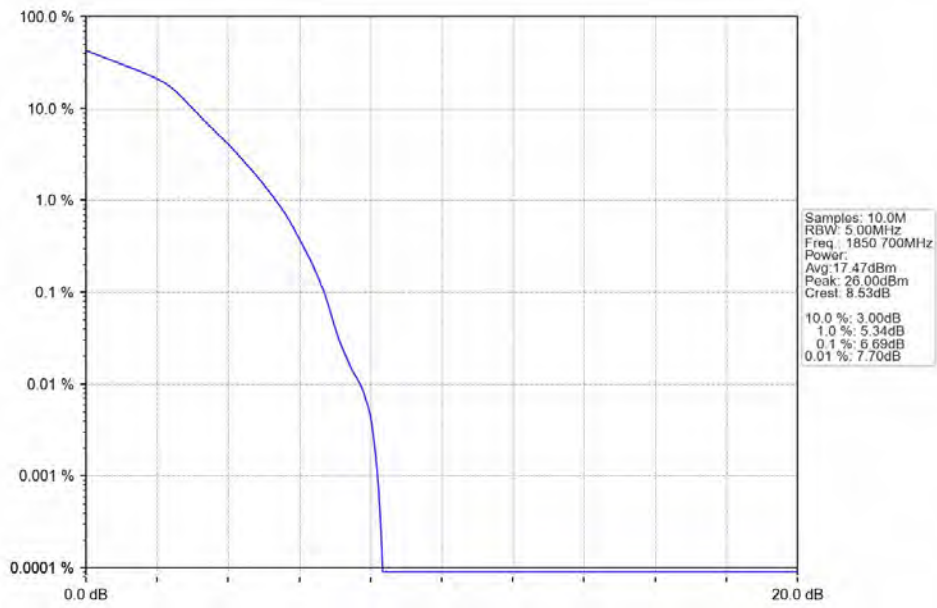
5.1.2 Test Graph



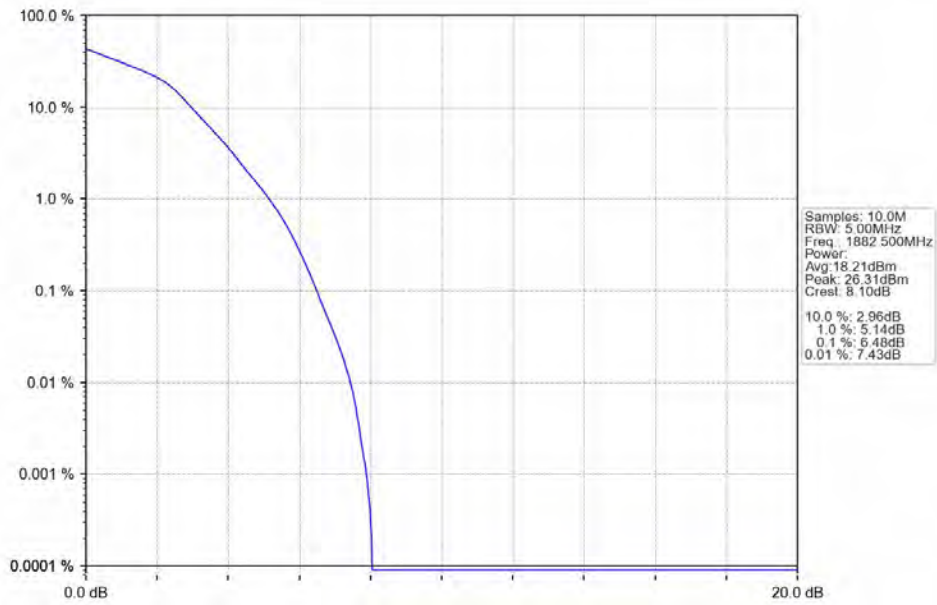
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTV



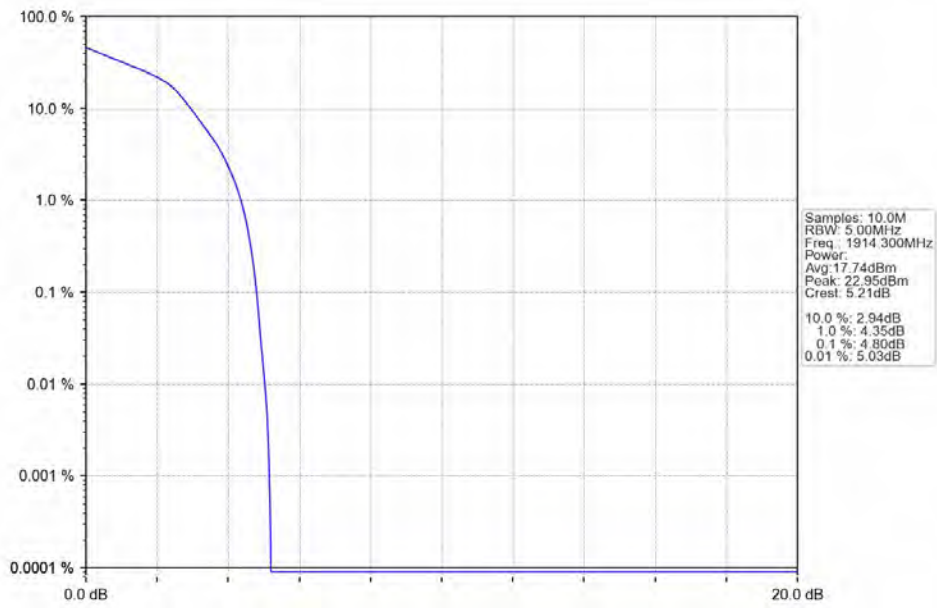
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

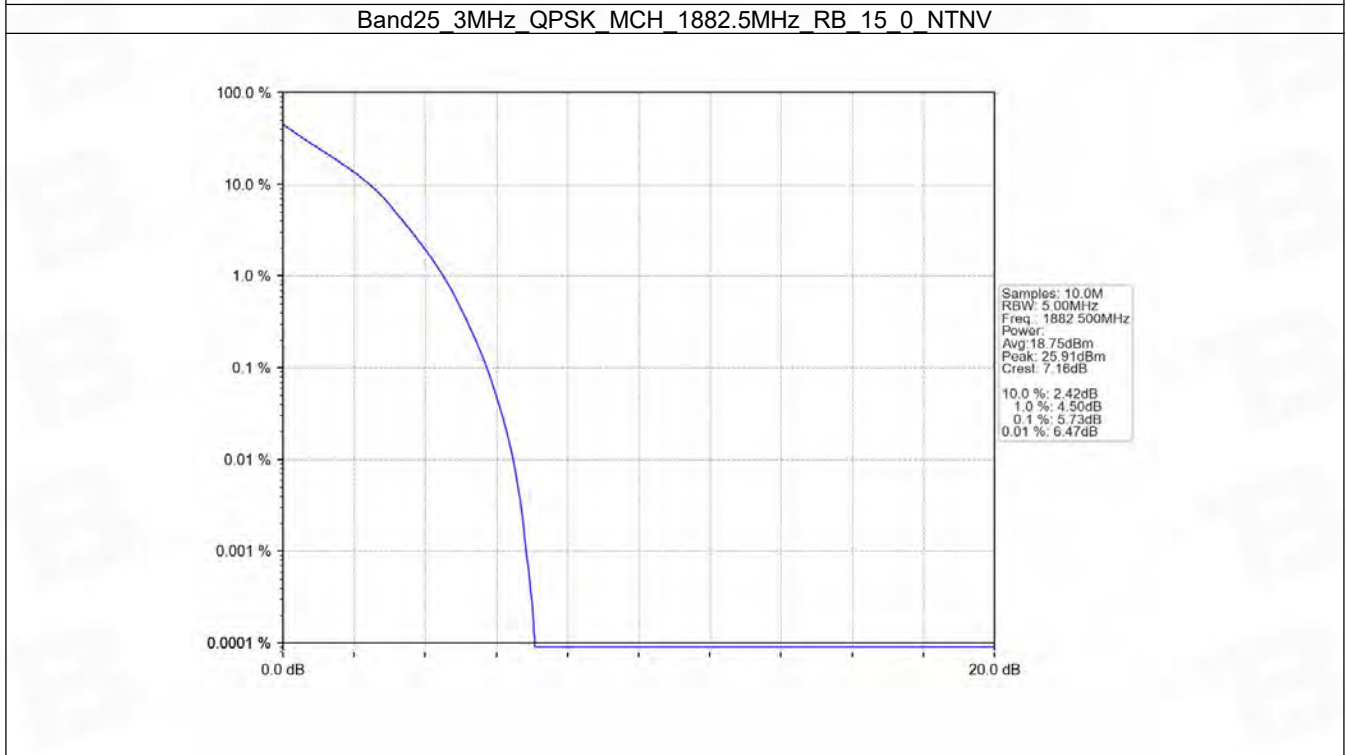
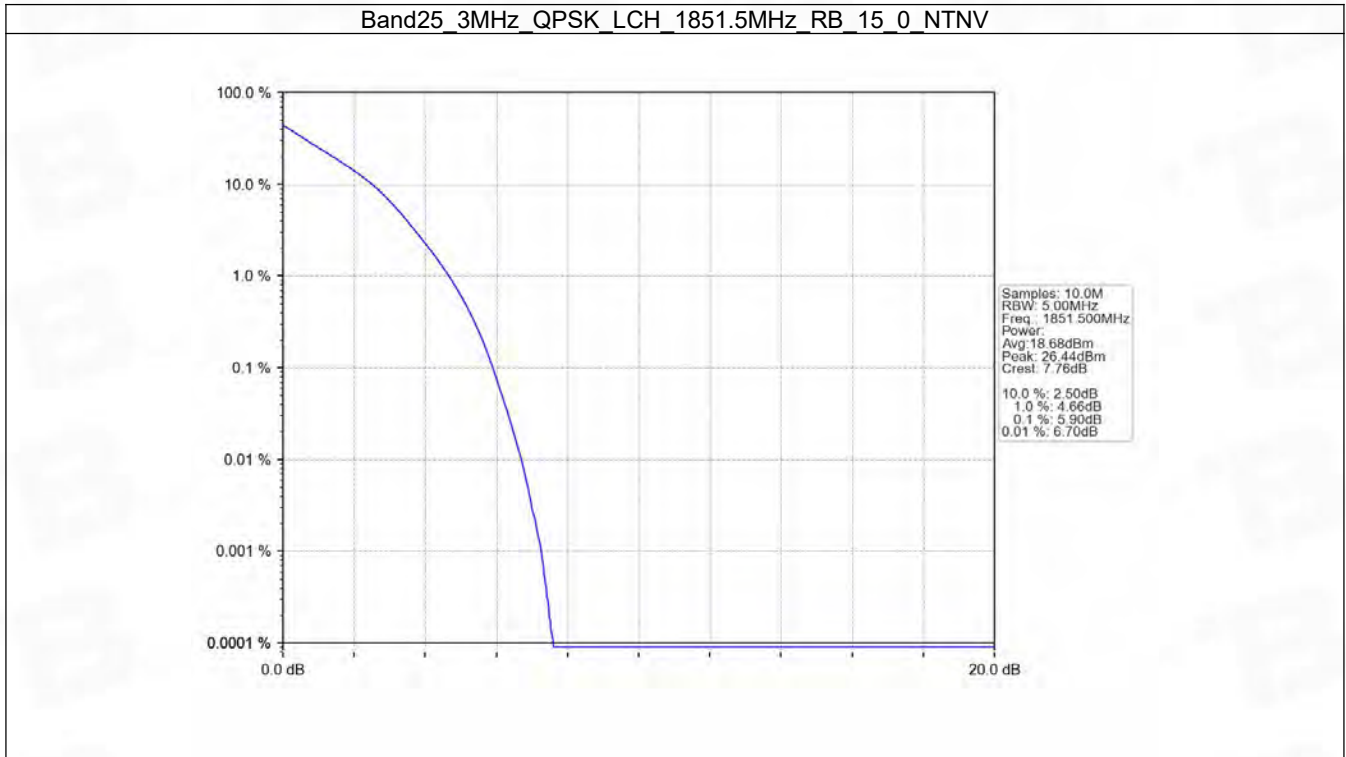


5.2 B25_3MHz

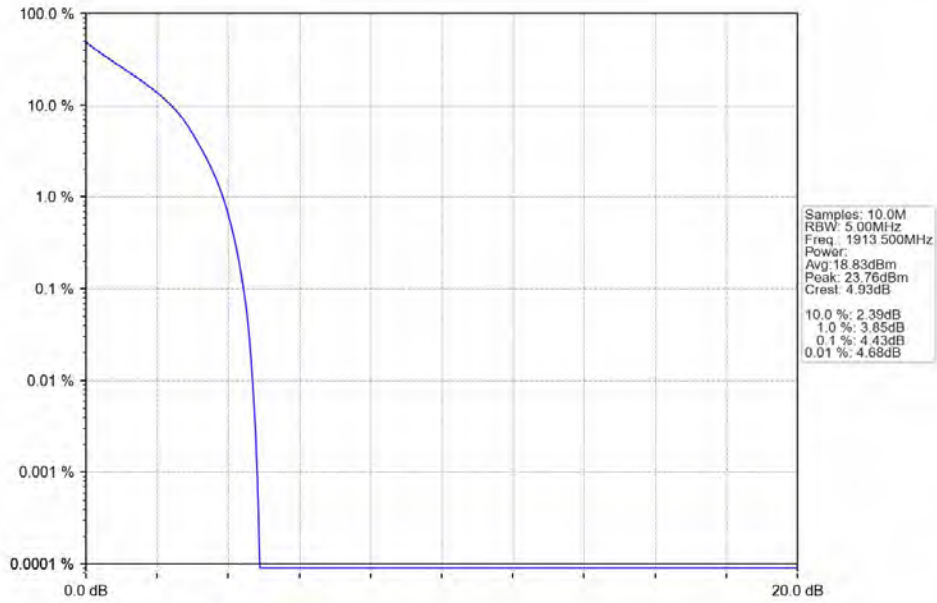
5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.90	<=13	Pass
	1882.5	15	0	5.73	<=13	Pass
	1913.5	15	0	4.43	<=13	Pass
16QAM	1851.5	15	0	6.66	<=13	Pass
	1882.5	15	0	6.57	<=13	Pass
	1913.5	15	0	5.28	<=13	Pass

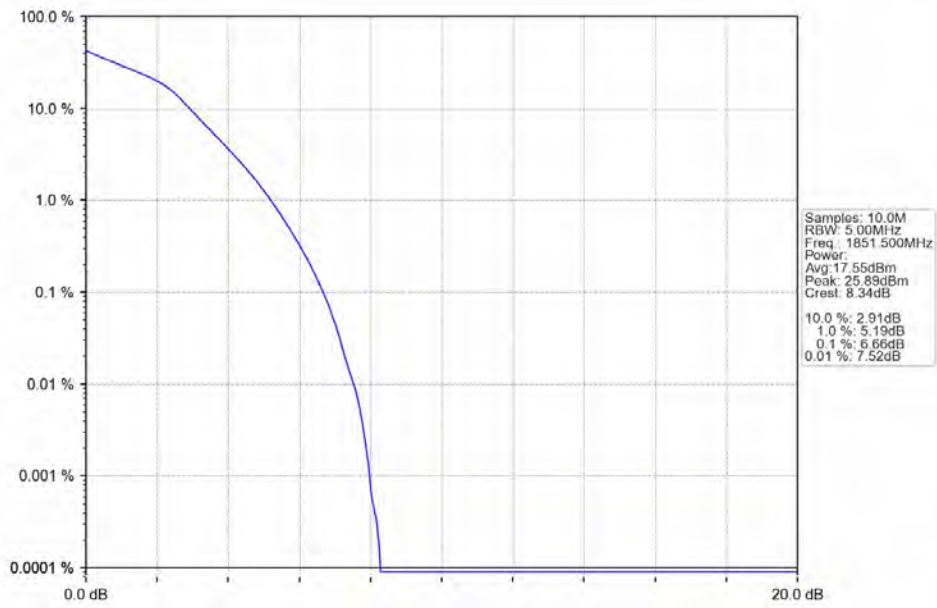
5.2.2 Test Graph



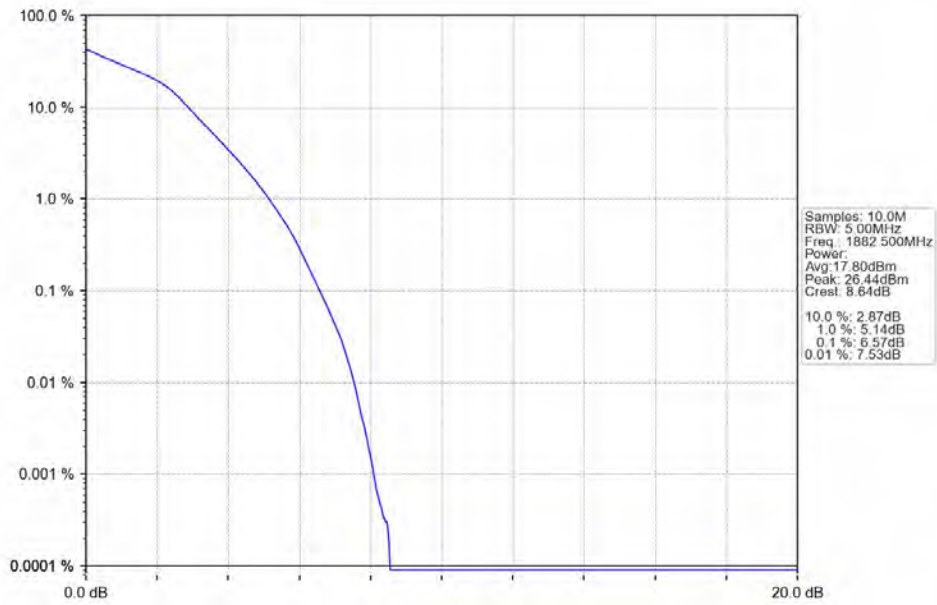
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTV



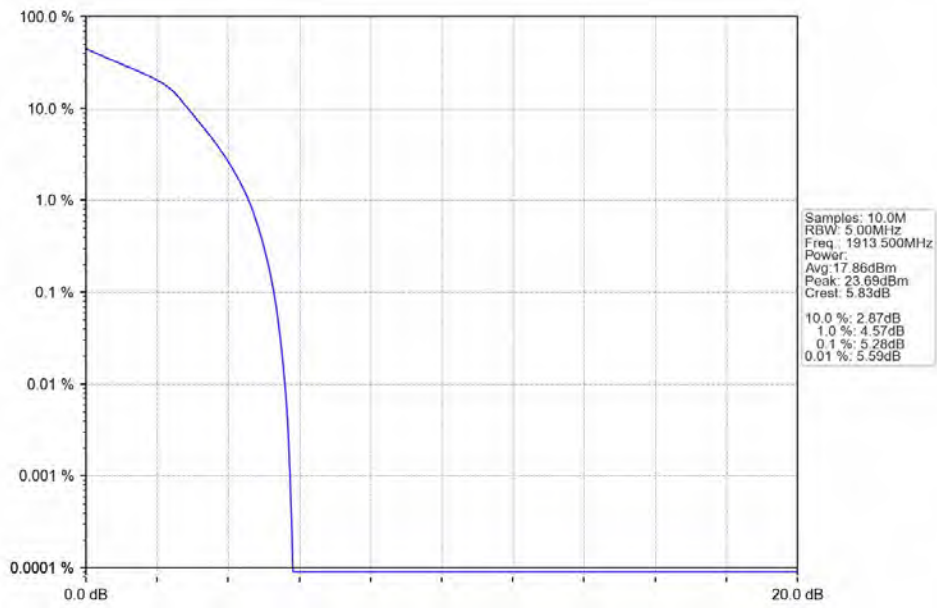
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

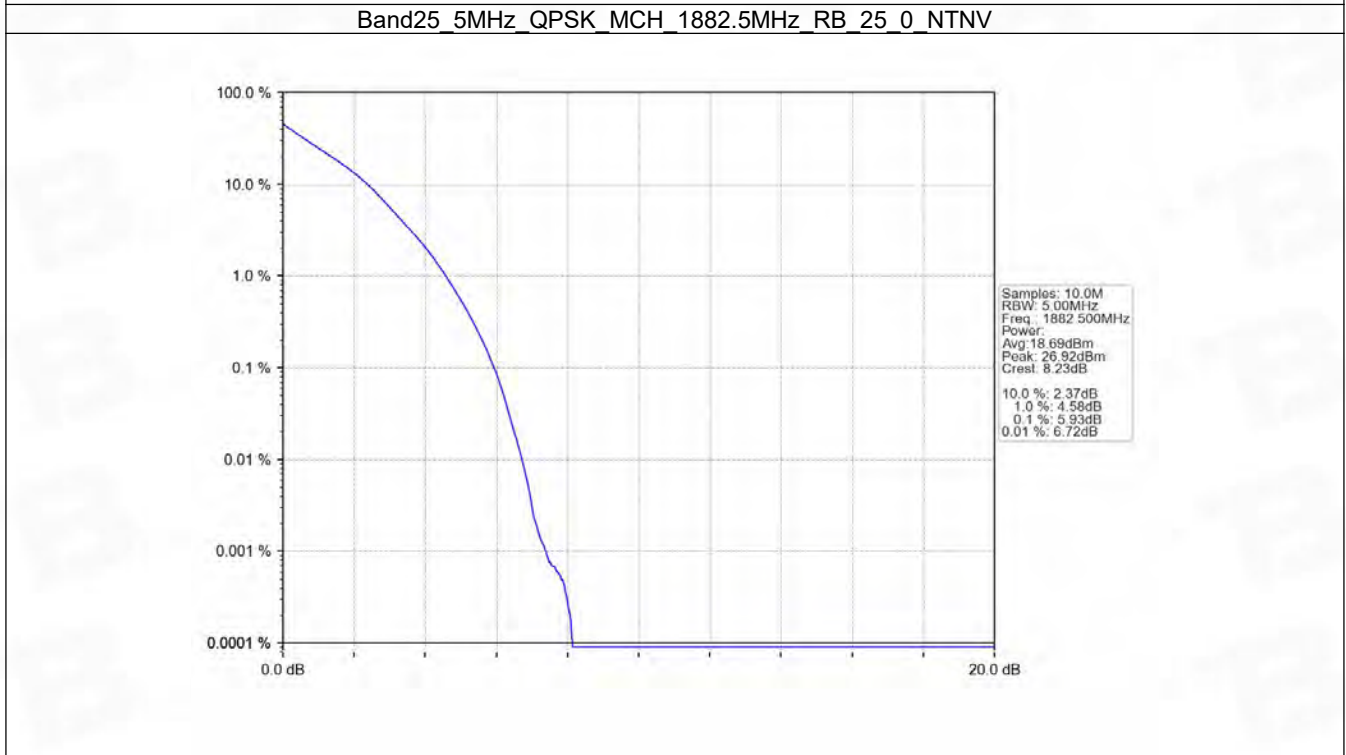
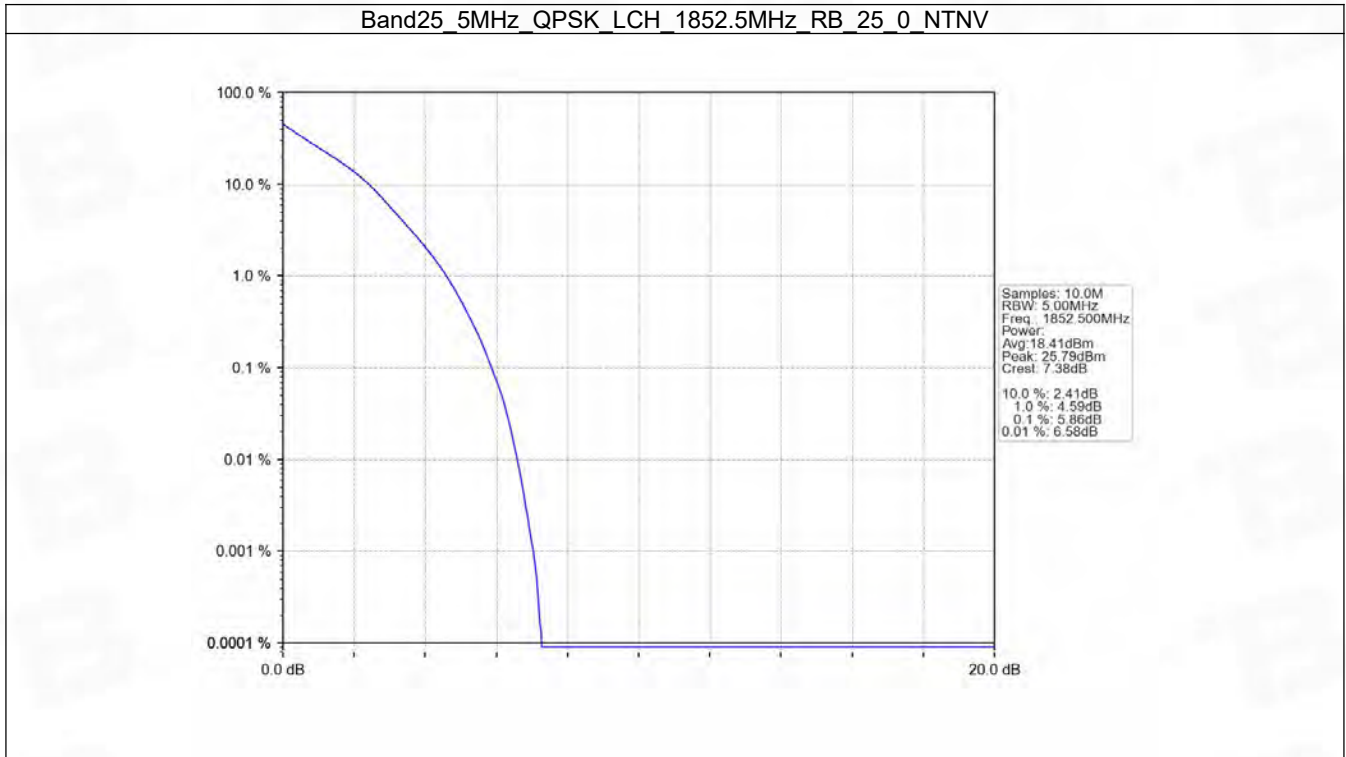


5.3 B25_5MHz

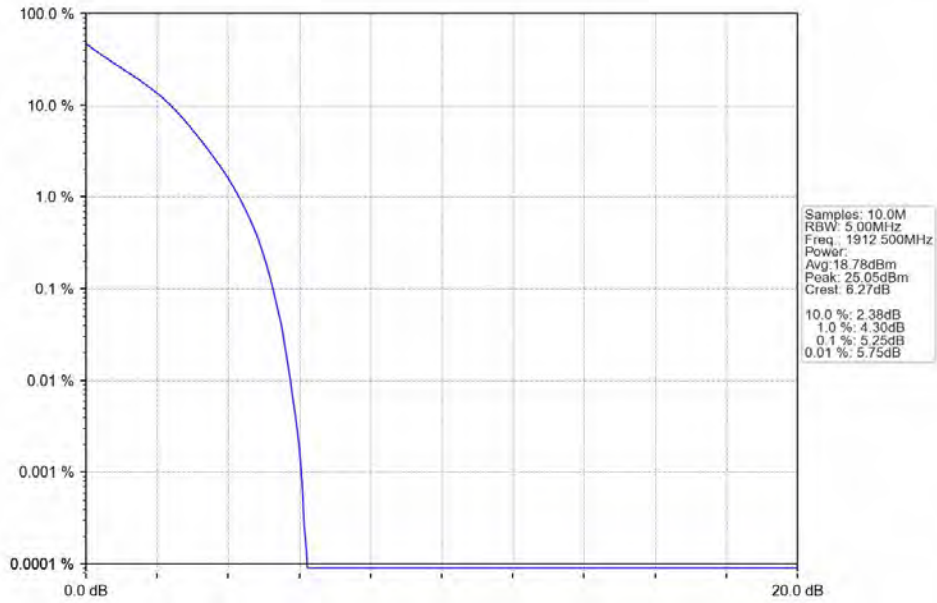
5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.86	<=13	Pass
	1882.5	25	0	5.93	<=13	Pass
	1912.5	25	0	5.25	<=13	Pass
16QAM	1852.5	25	0	6.60	<=13	Pass
	1882.5	25	0	6.62	<=13	Pass
	1912.5	25	0	5.96	<=13	Pass

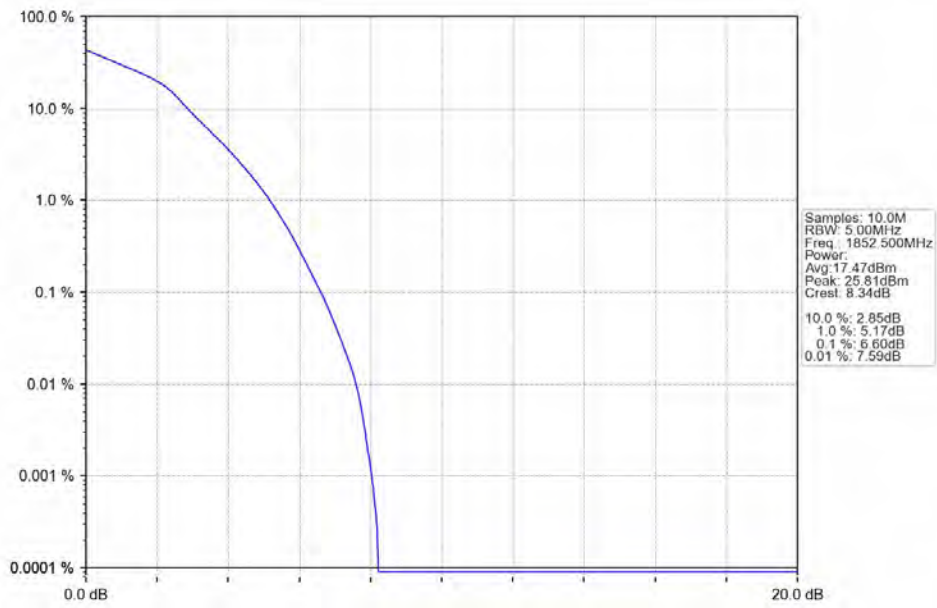
5.3.2 Test Graph



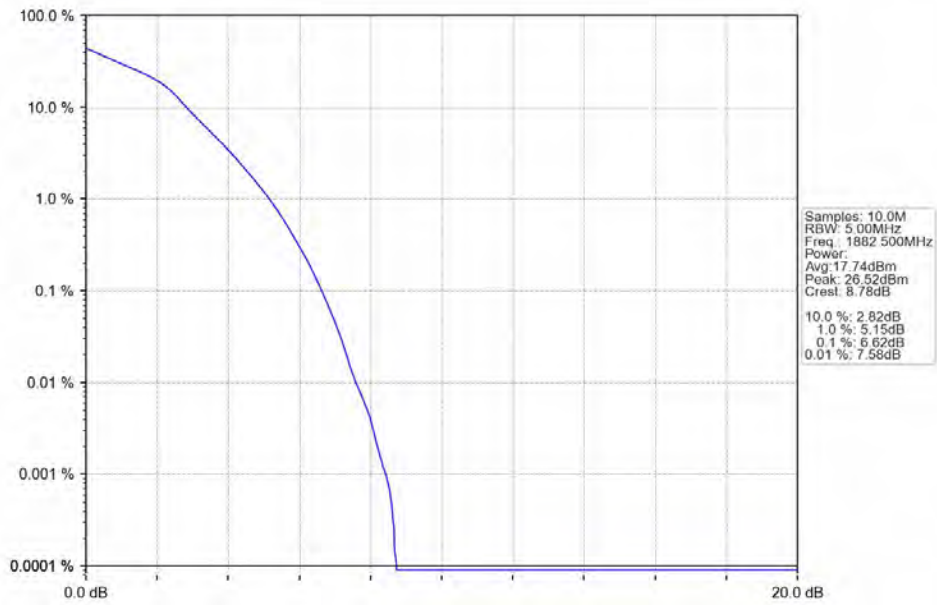
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTV



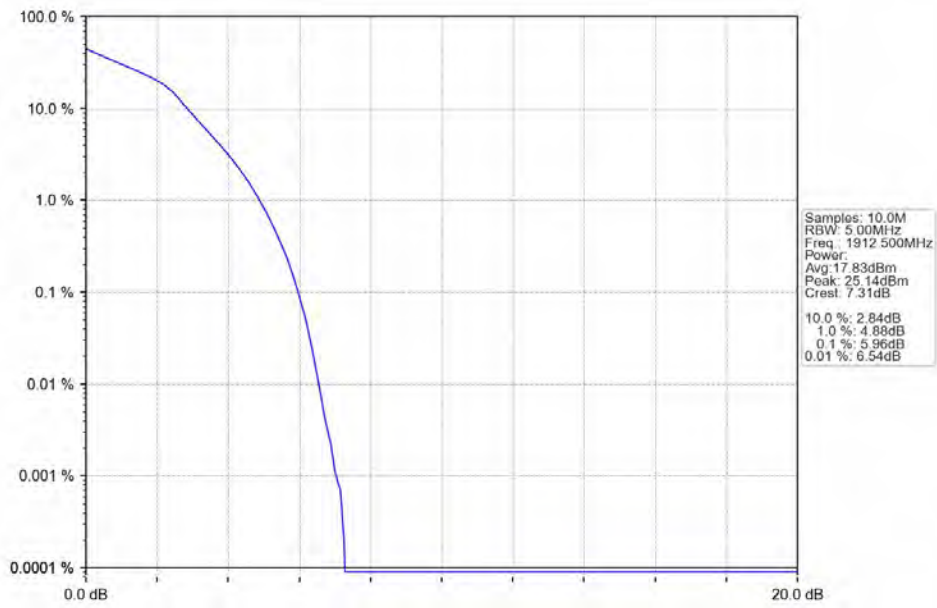
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

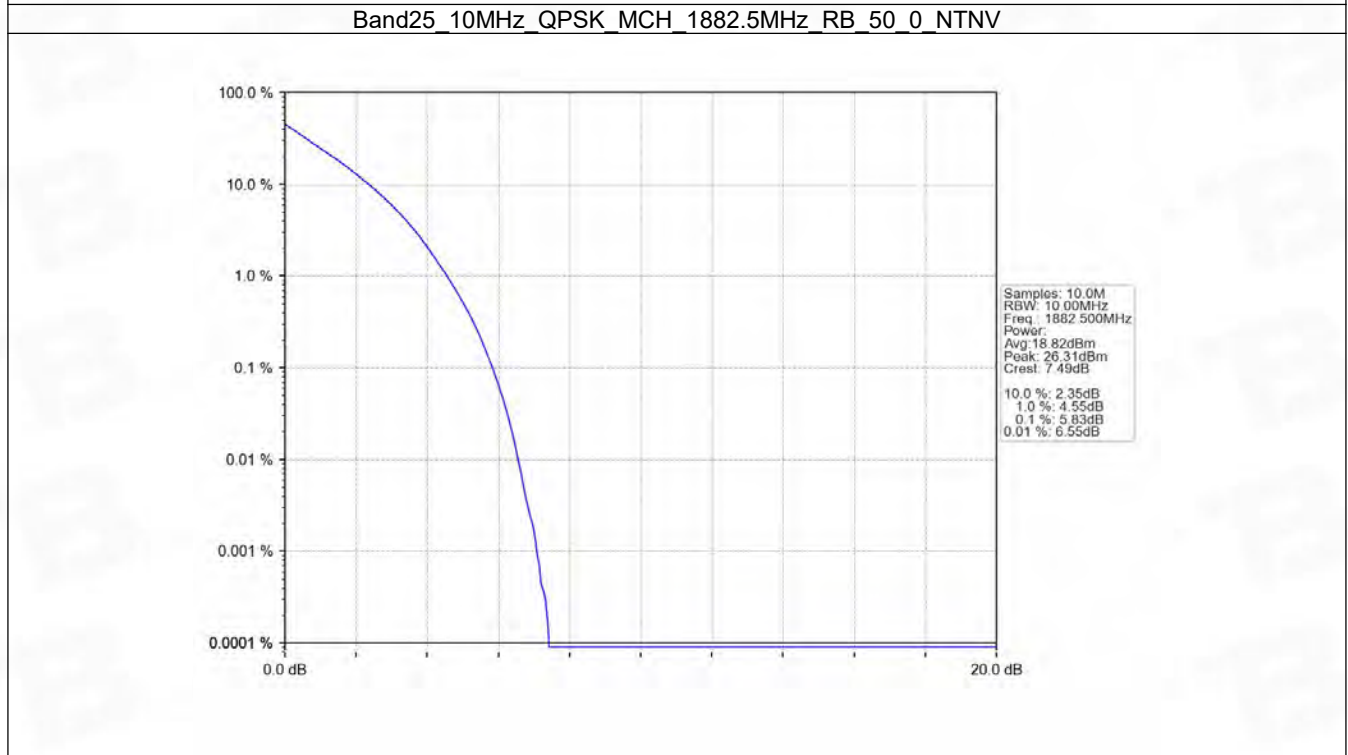
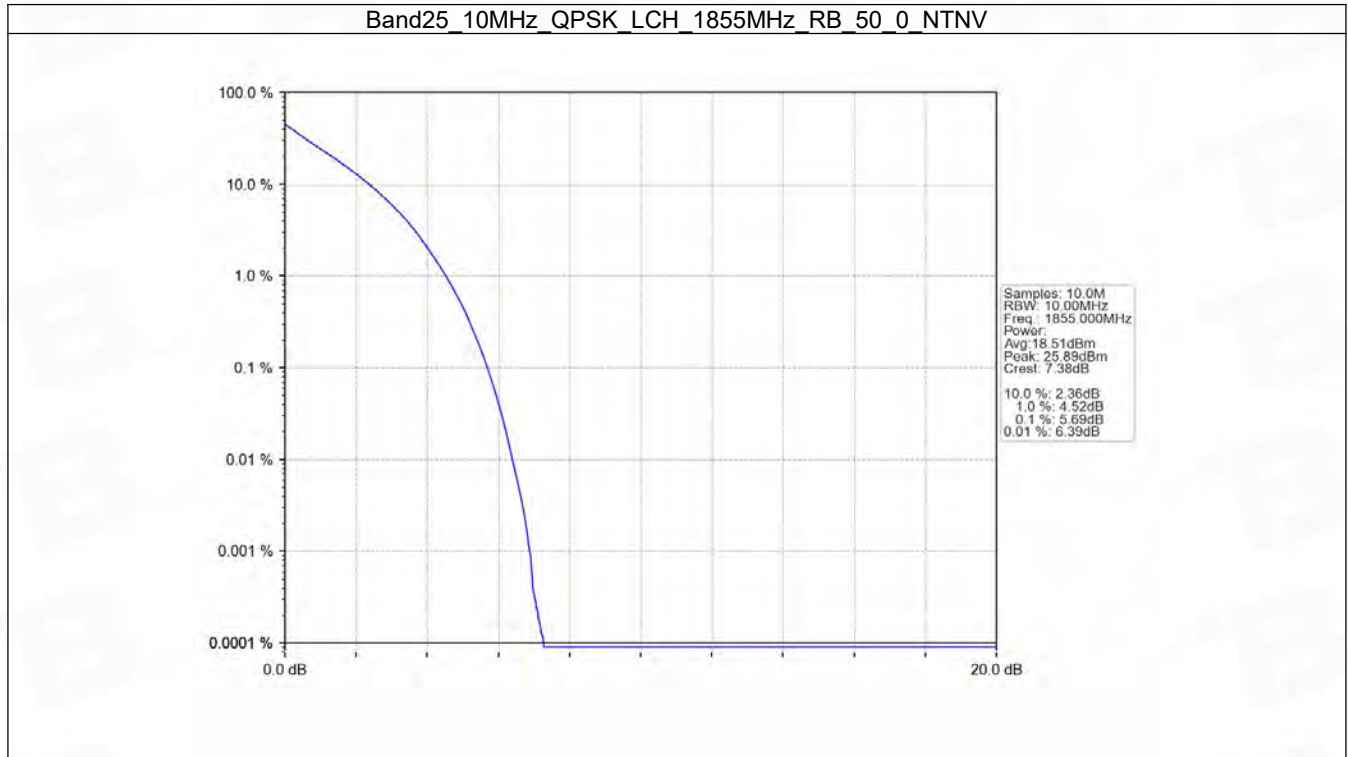


5.4 B25_10MHz

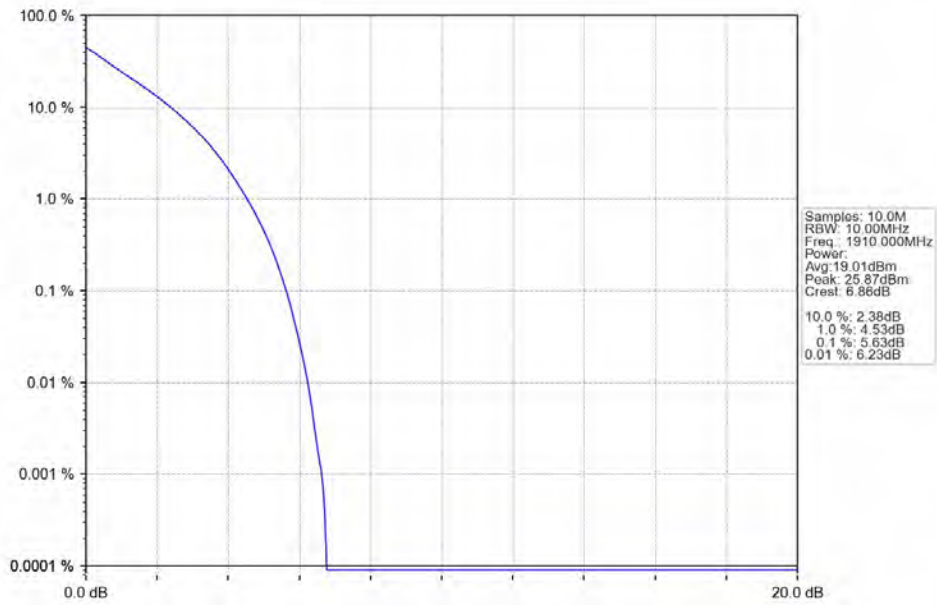
5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.69	<=13	Pass
	1882.5	50	0	5.83	<=13	Pass
	1910	50	0	5.63	<=13	Pass
16QAM	1855	50	0	6.43	<=13	Pass
	1882.5	50	0	6.61	<=13	Pass
	1910	50	0	6.38	<=13	Pass

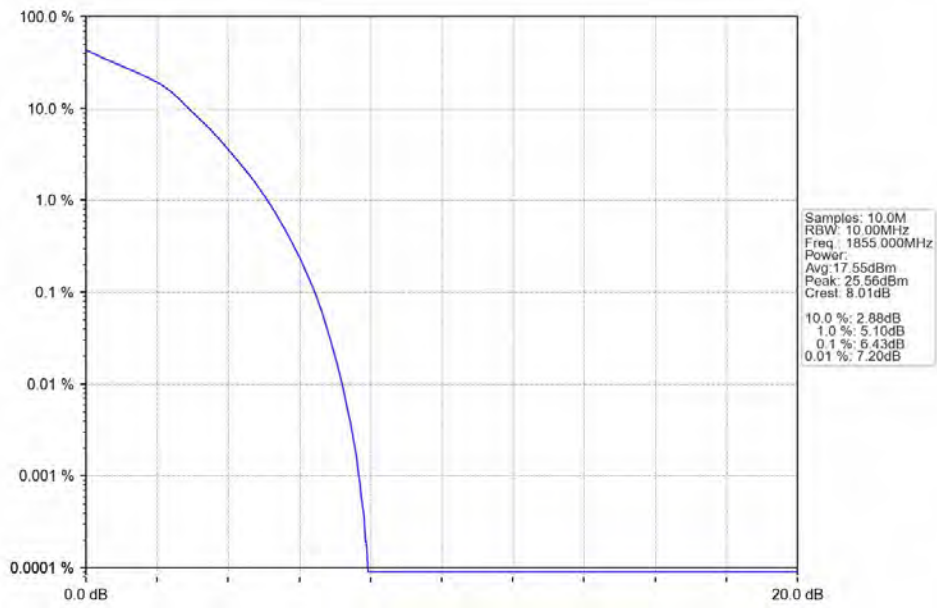
5.4.2 Test Graph



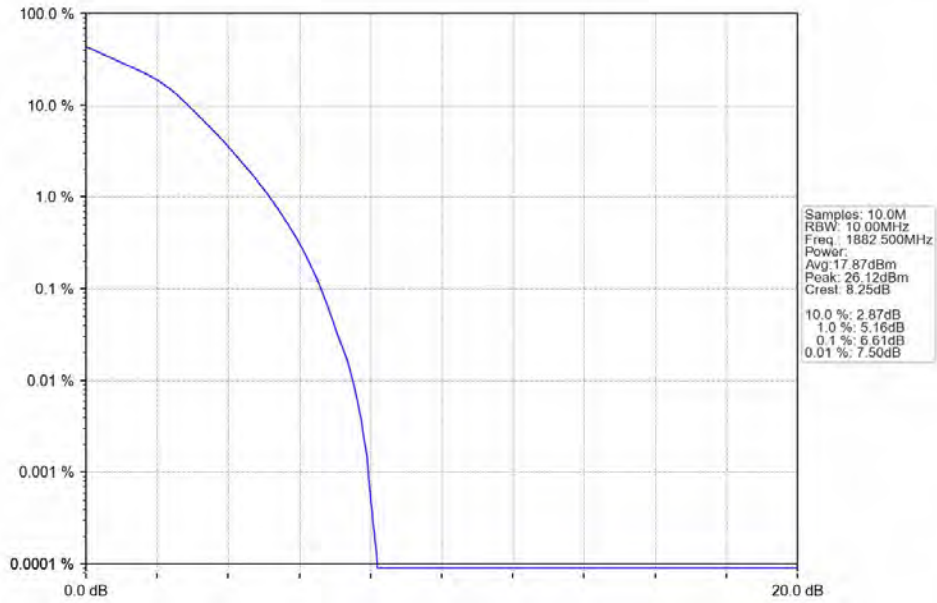
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



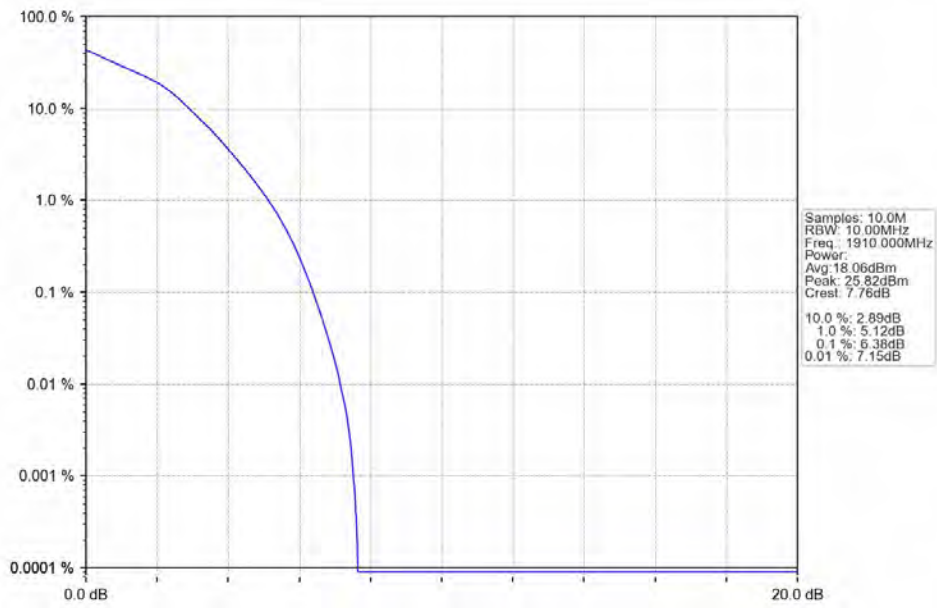
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

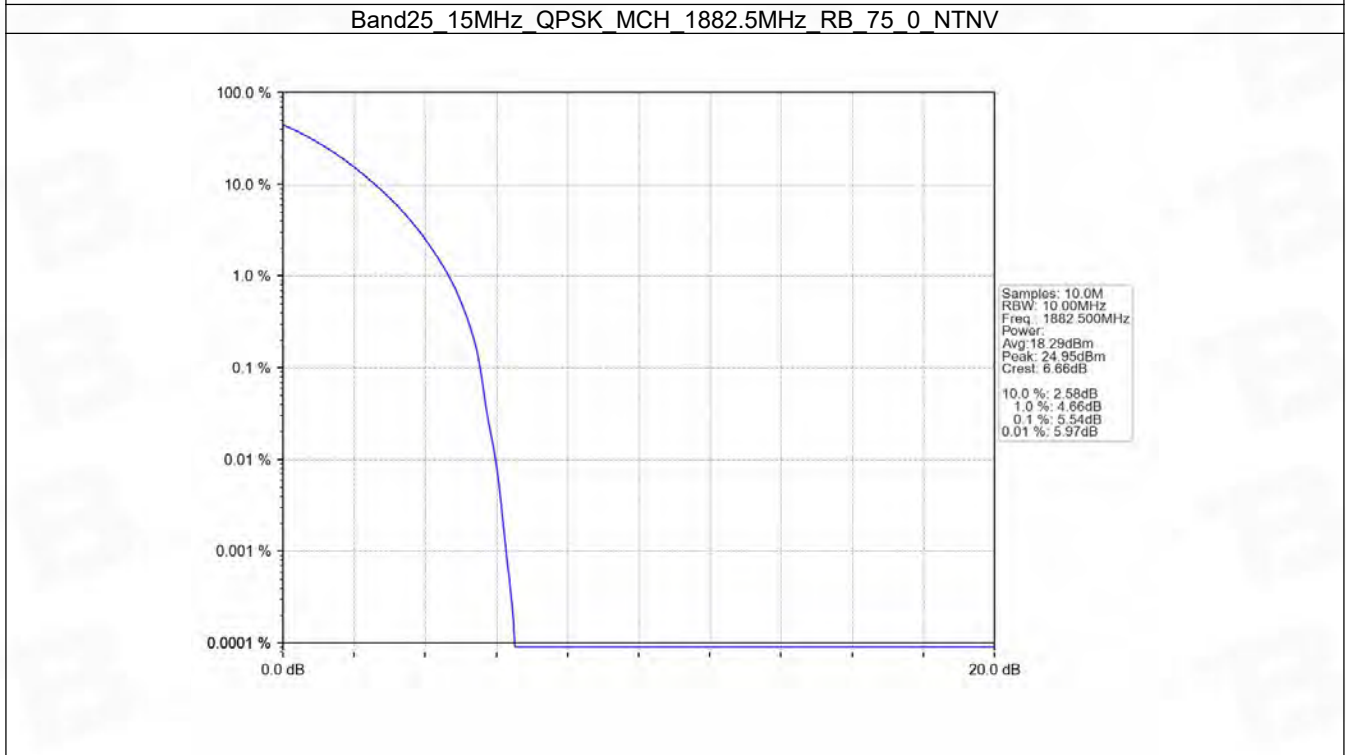
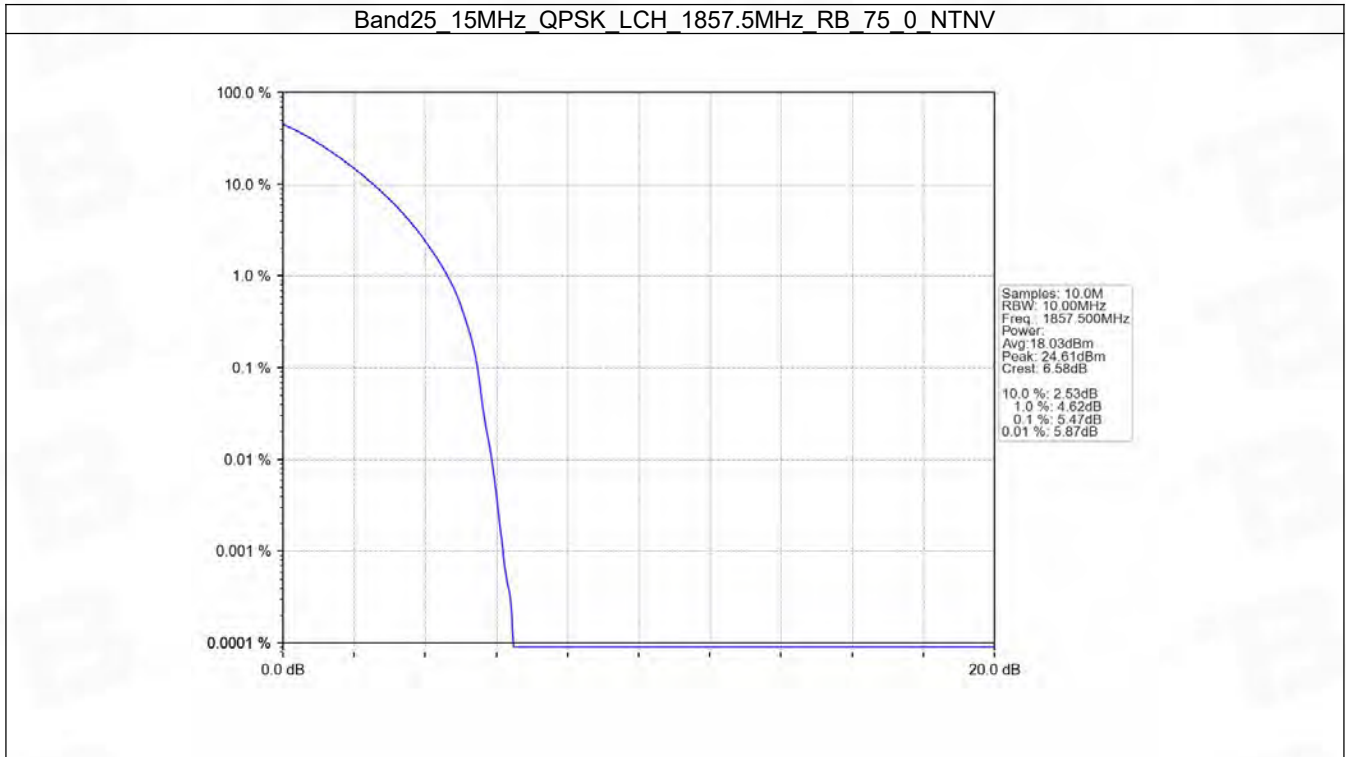


5.5 B25_15MHz

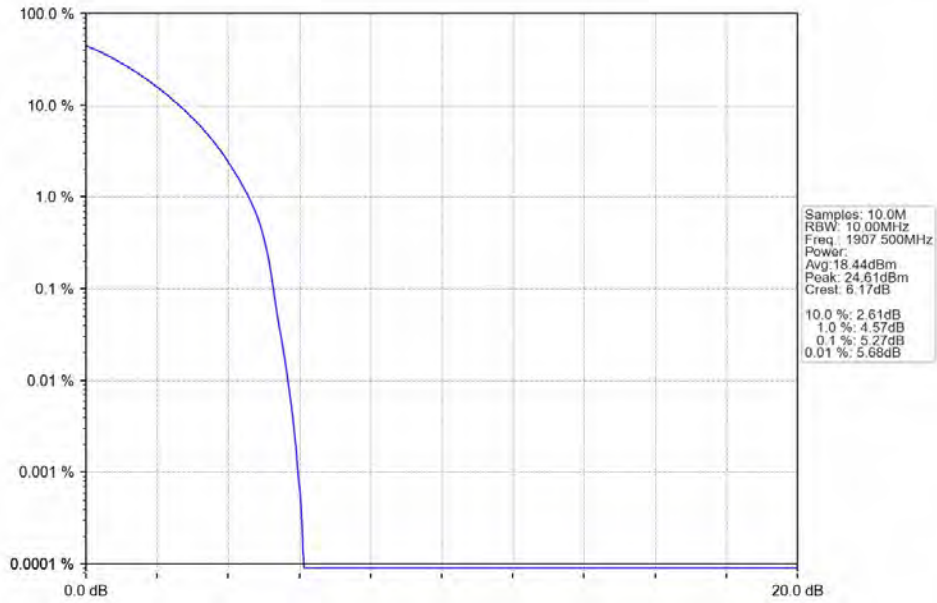
5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.47	<=13	Pass
	1882.5	75	0	5.54	<=13	Pass
	1907.5	75	0	5.27	<=13	Pass
16QAM	1857.5	75	0	6.17	<=13	Pass
	1882.5	75	0	6.29	<=13	Pass
	1907.5	75	0	6.13	<=13	Pass

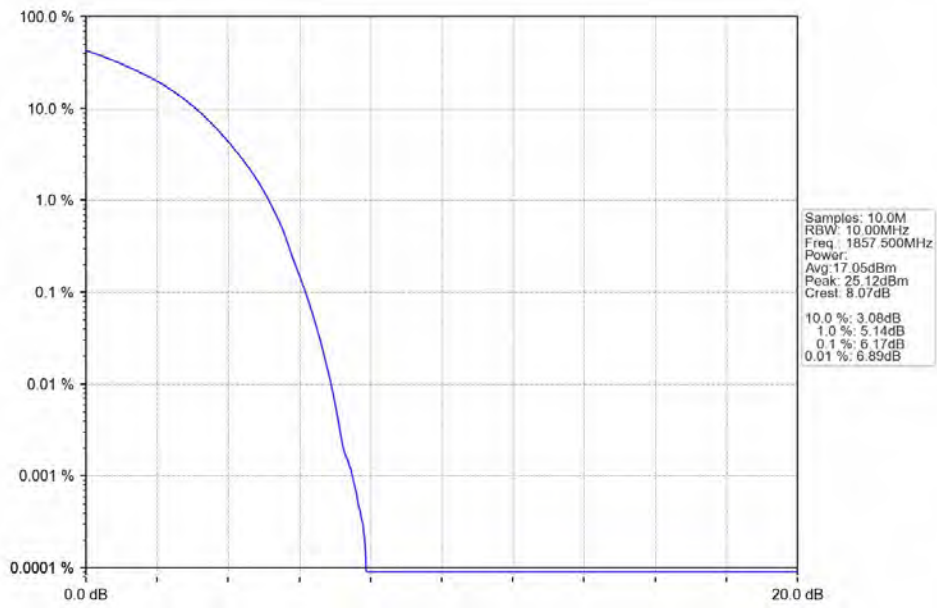
5.5.2 Test Graph



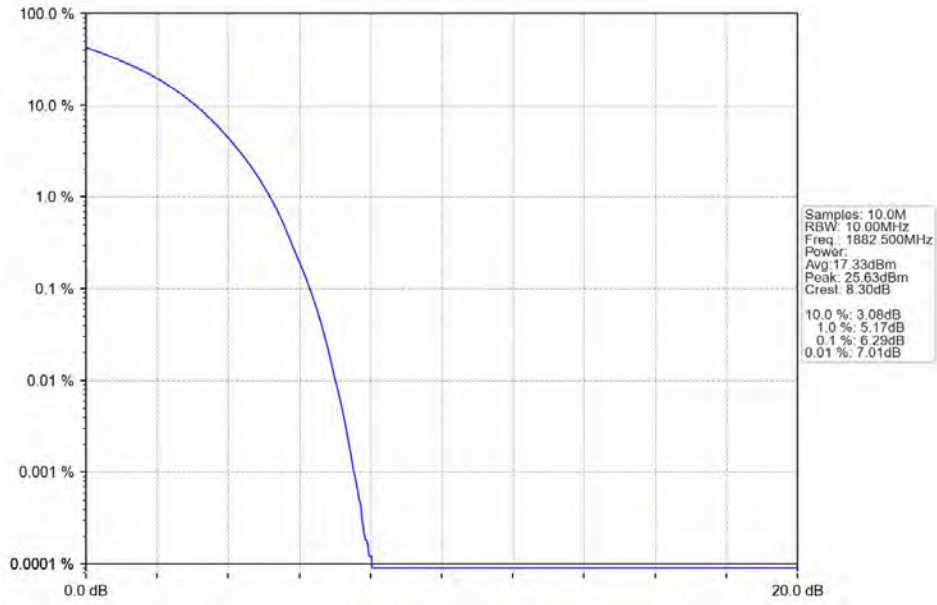
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



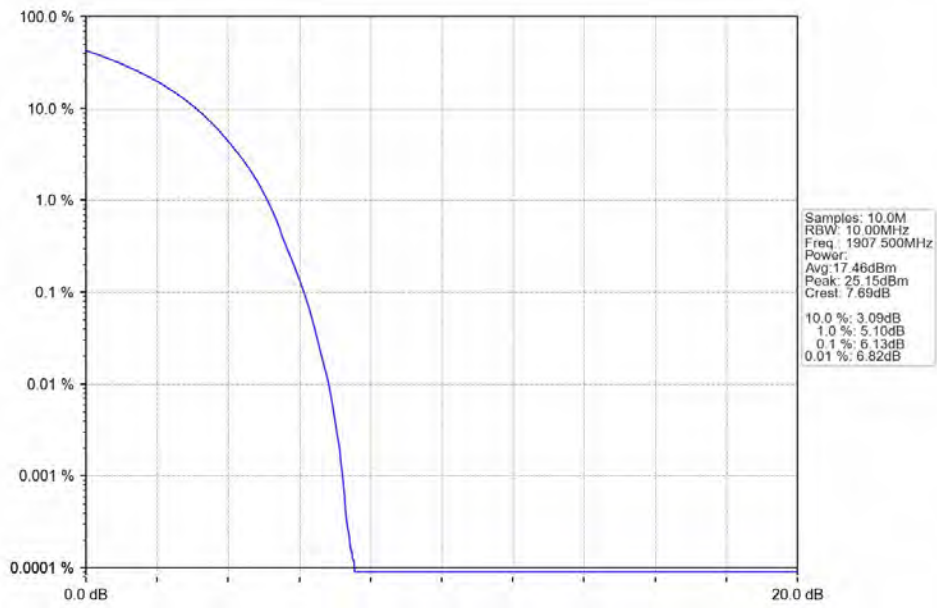
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

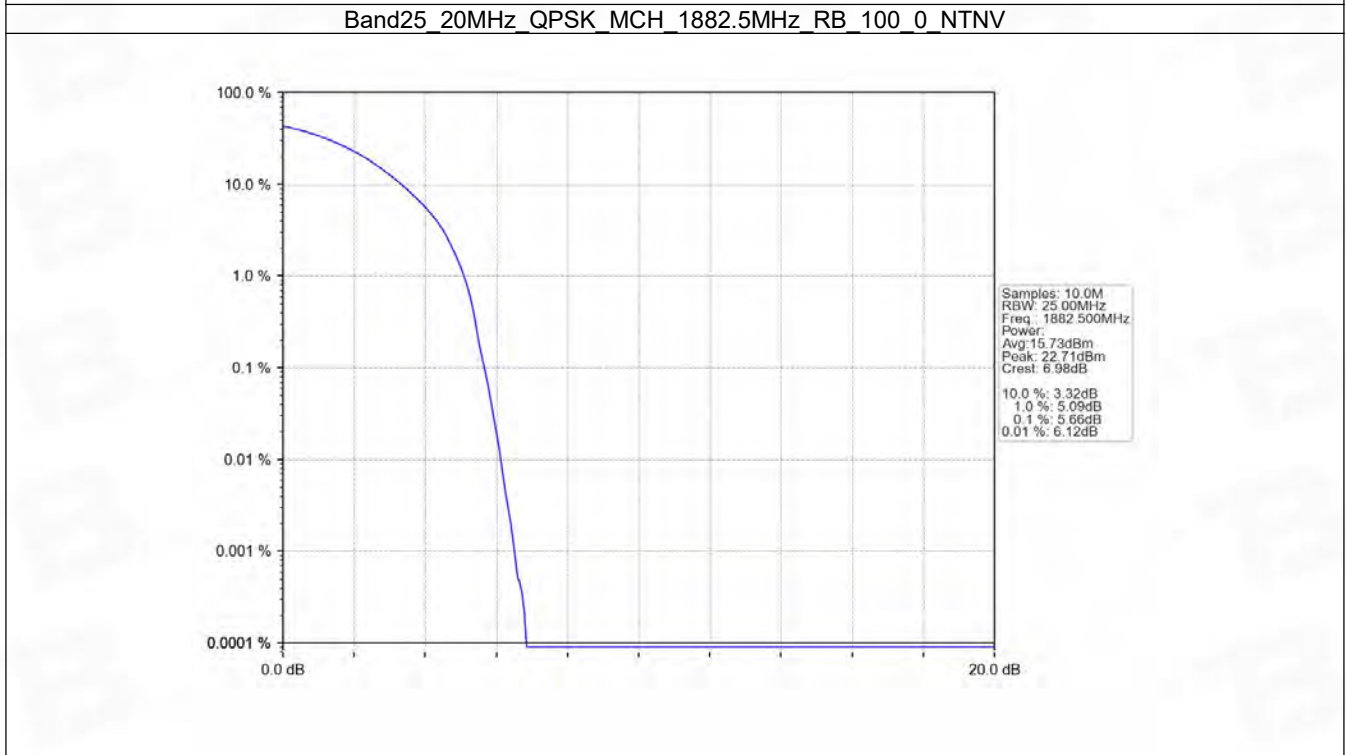
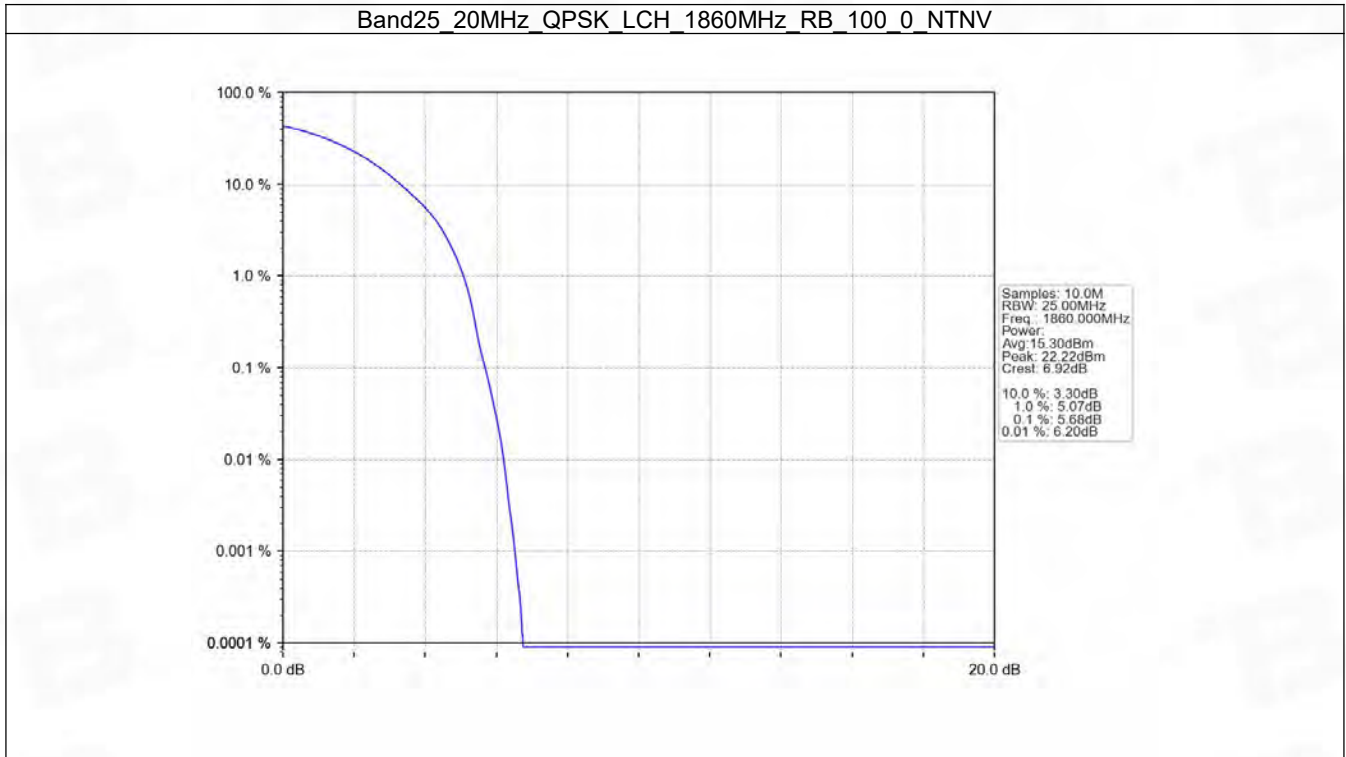


5.6 B25_20MHz

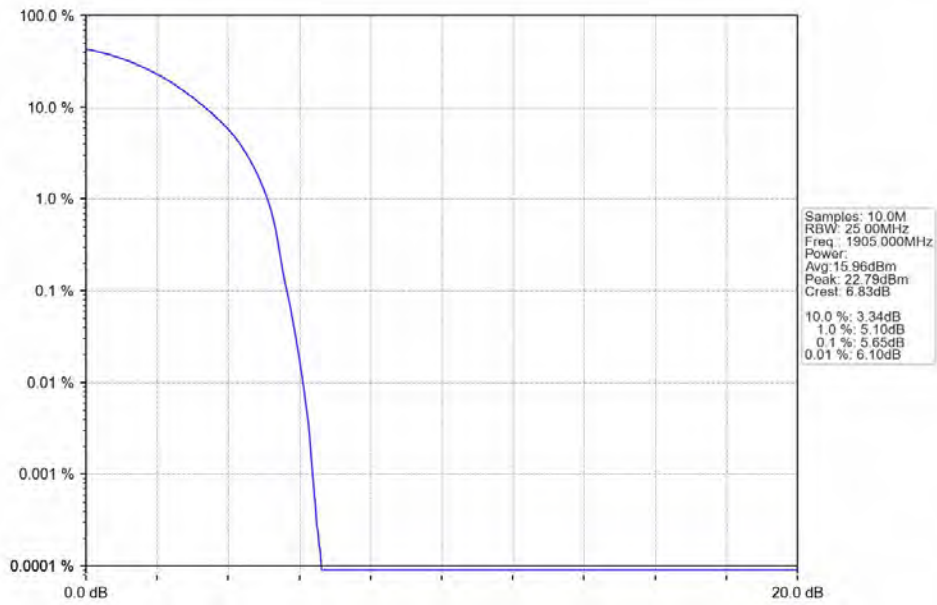
5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.68	<=13	Pass
	1882.5	100	0	5.66	<=13	Pass
	1905	100	0	5.65	<=13	Pass
16QAM	1860	100	0	6.66	<=13	Pass
	1882.5	100	0	6.72	<=13	Pass
	1905	100	0	6.73	<=13	Pass

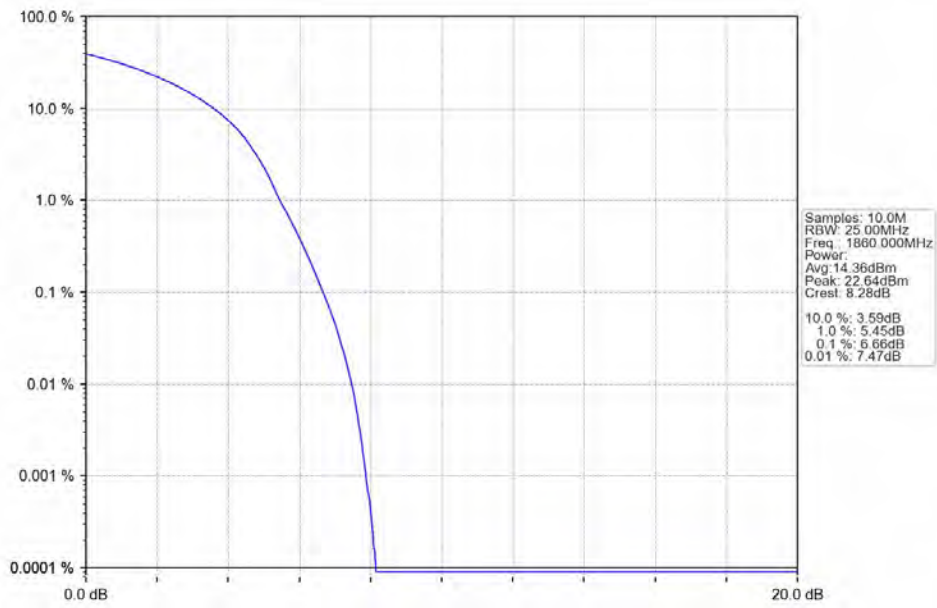
5.6.2 Test Graph



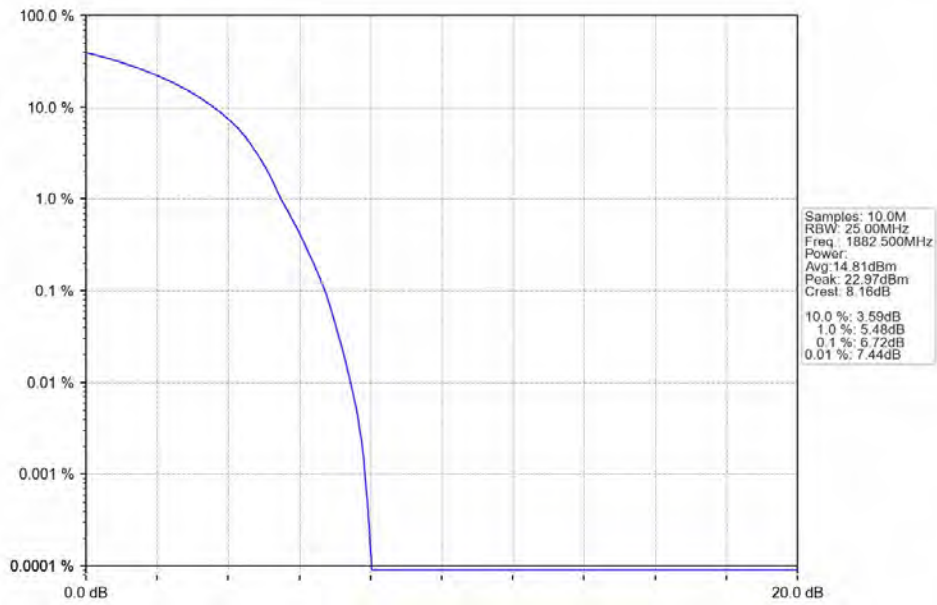
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



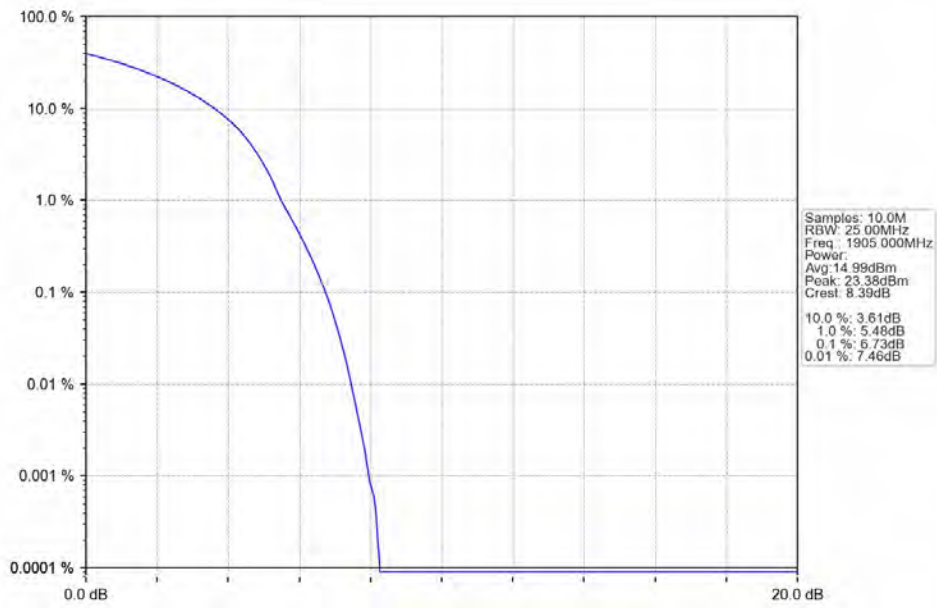
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



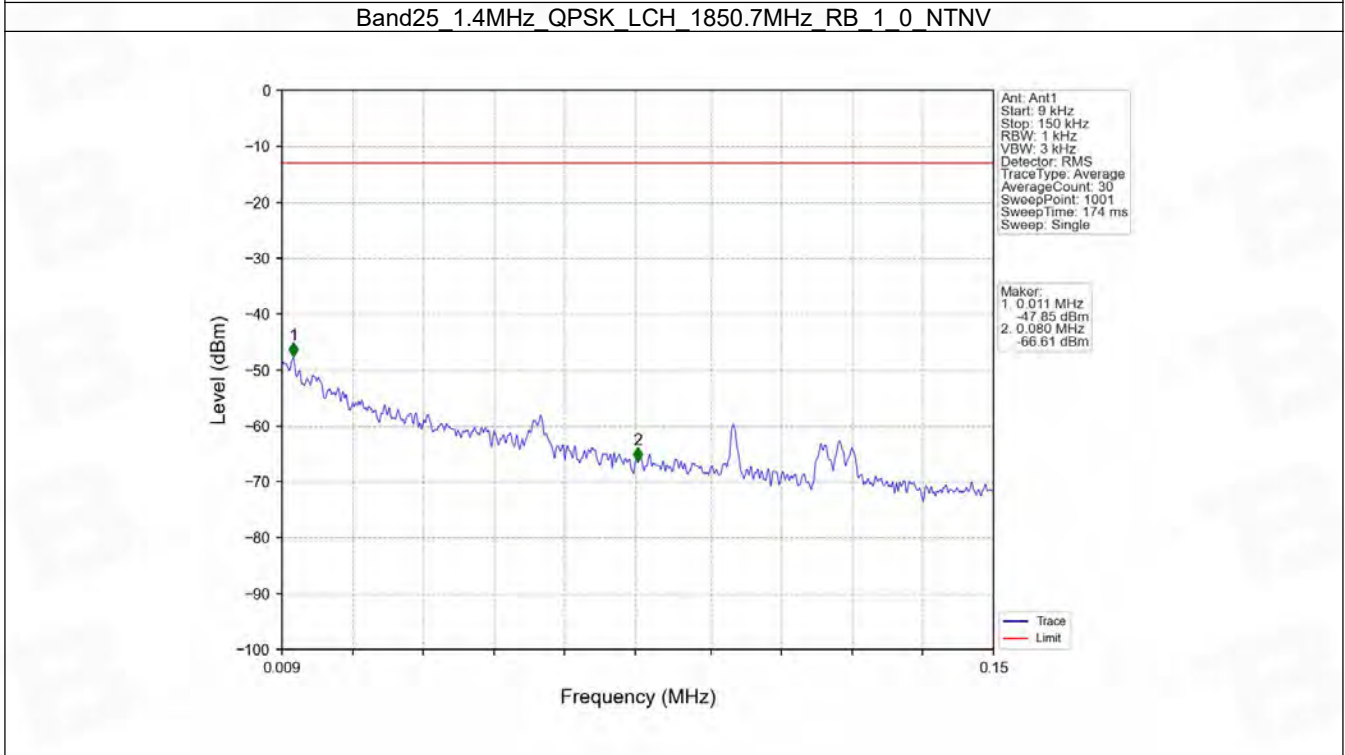
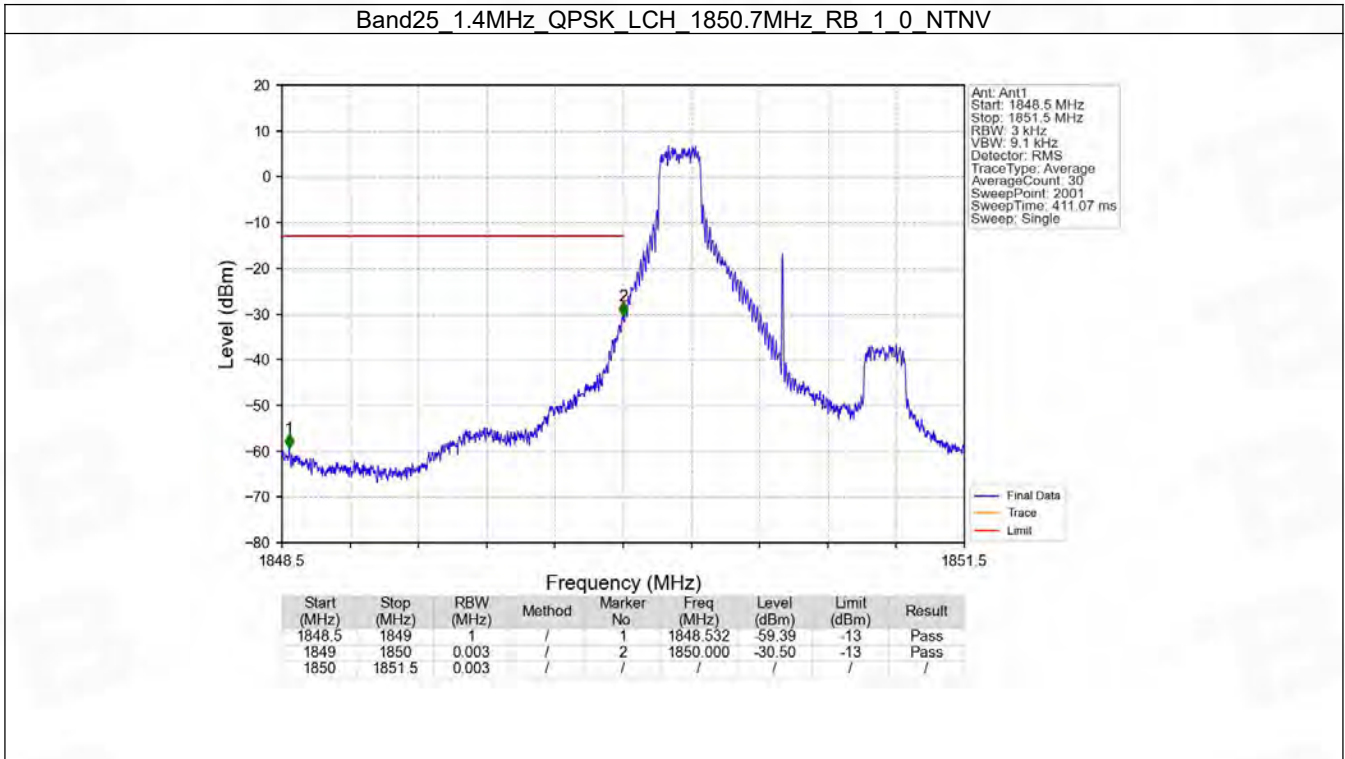
6. Spurious Emission

6.1 B25_1.4MHz

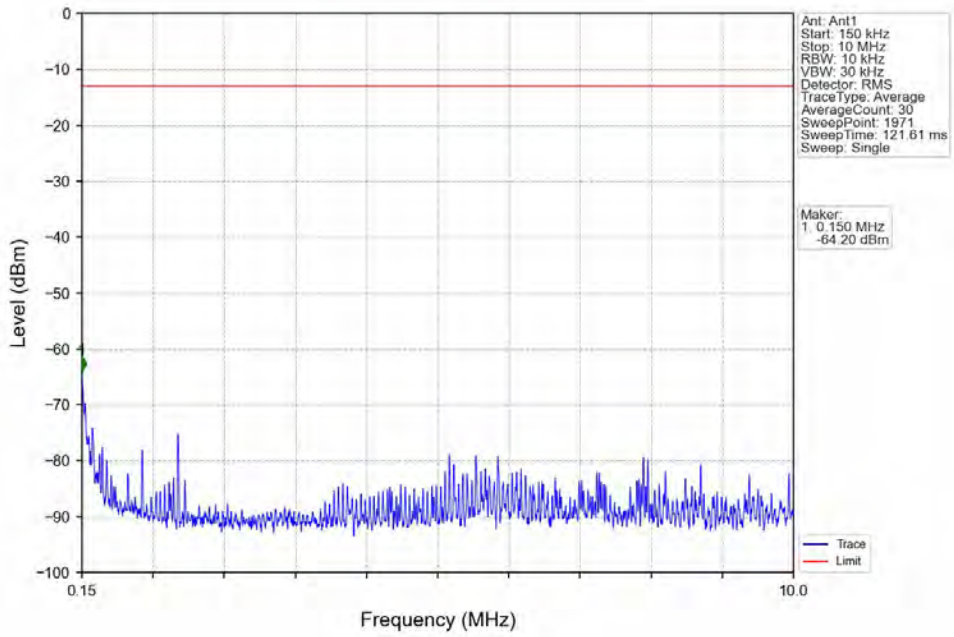
6.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
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
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

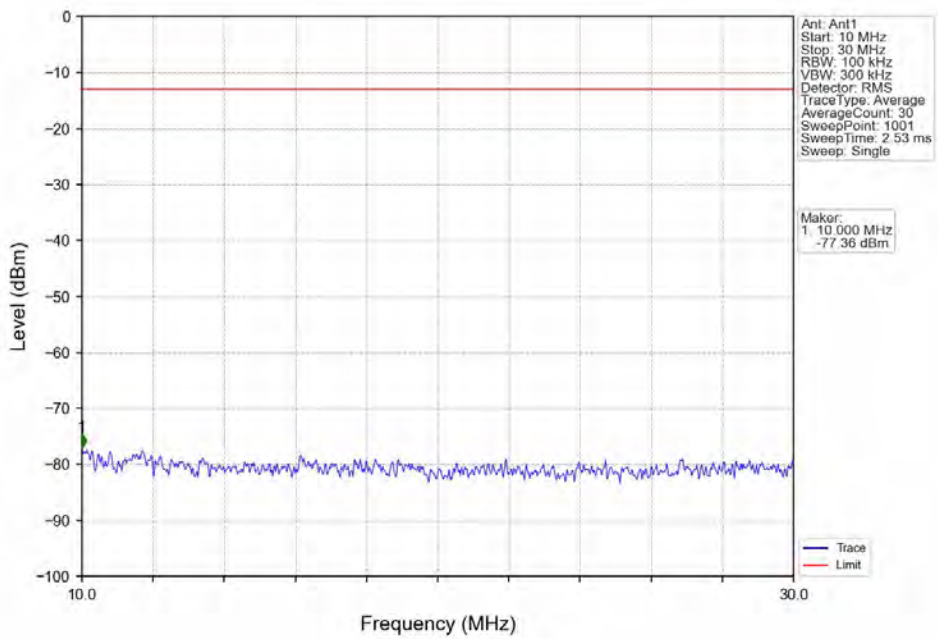
6.1.2 Test Graph



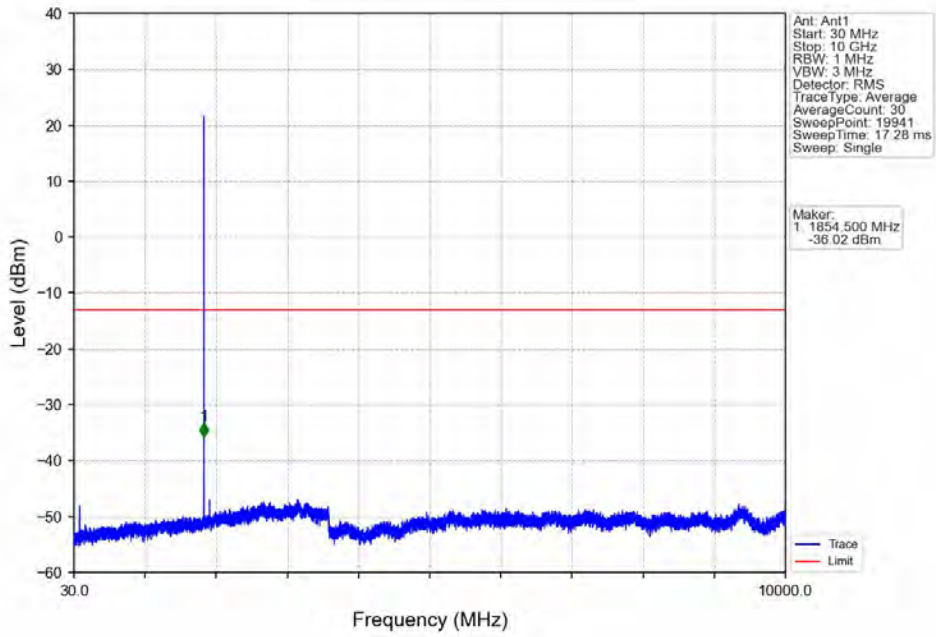
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



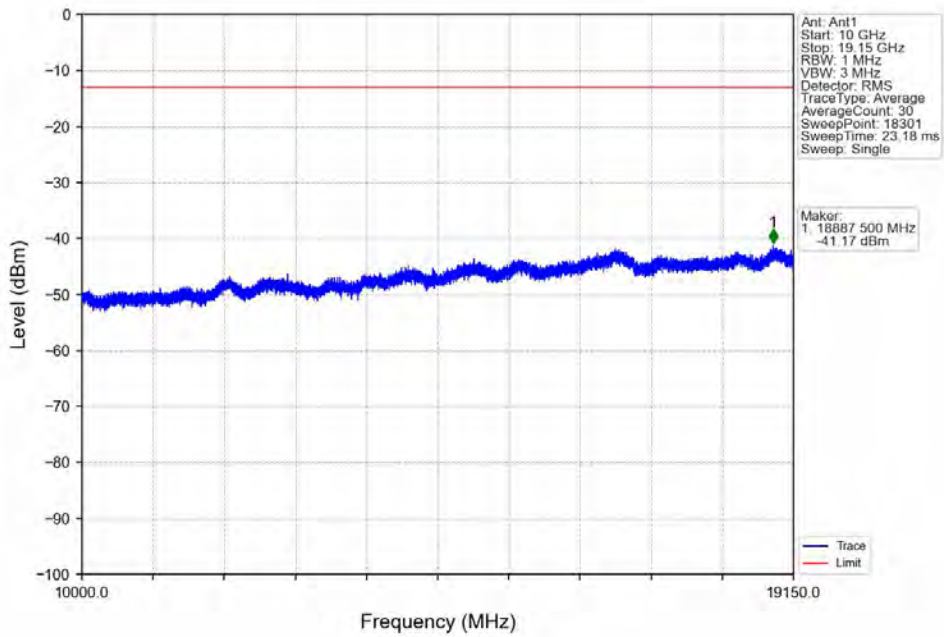
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



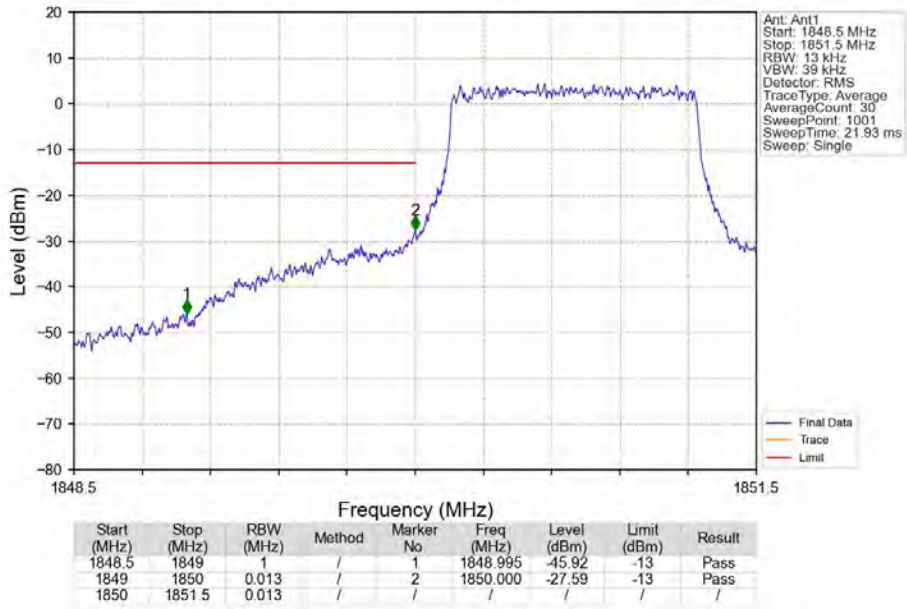
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV



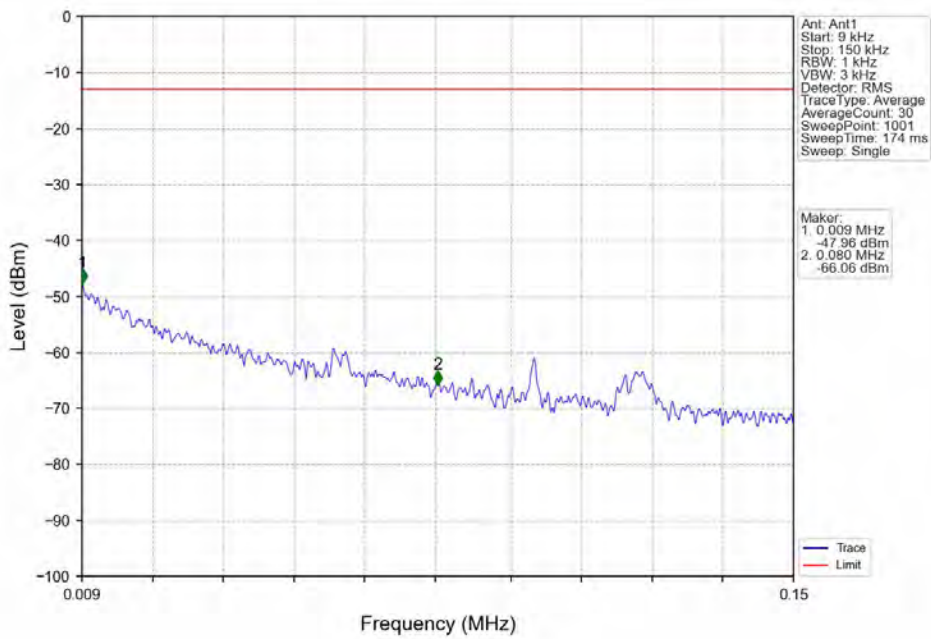
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV



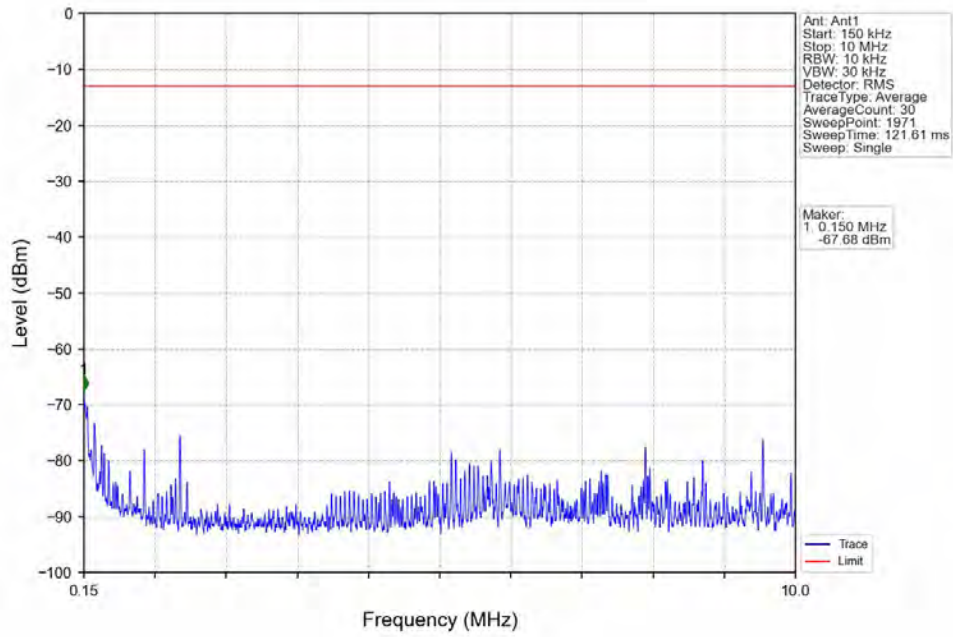
Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV



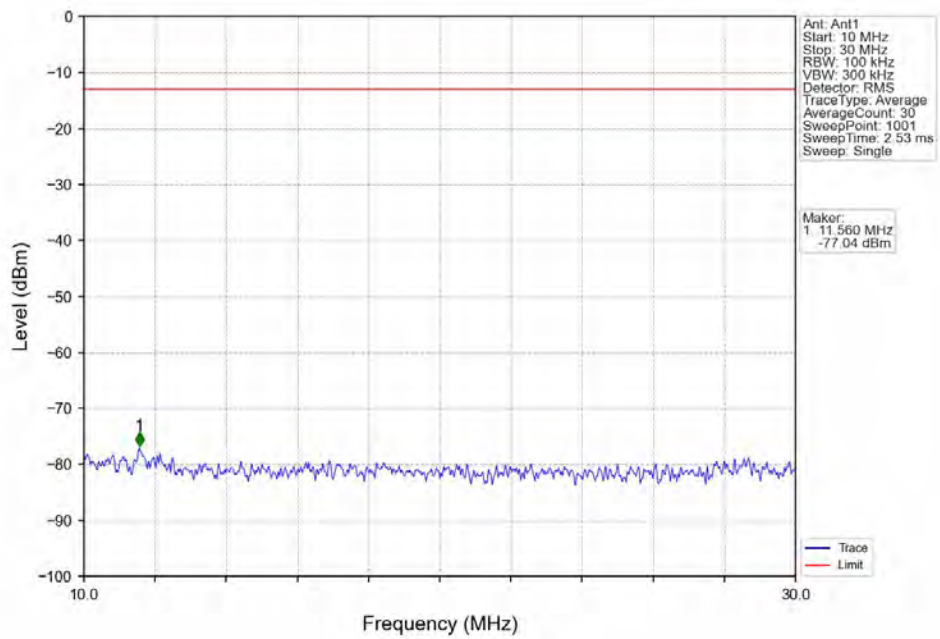
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



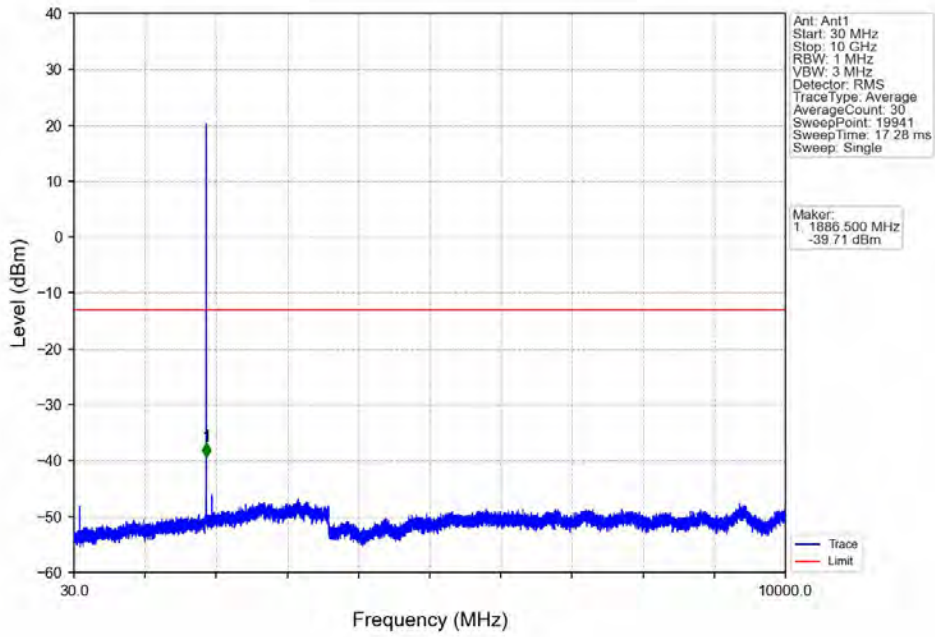
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



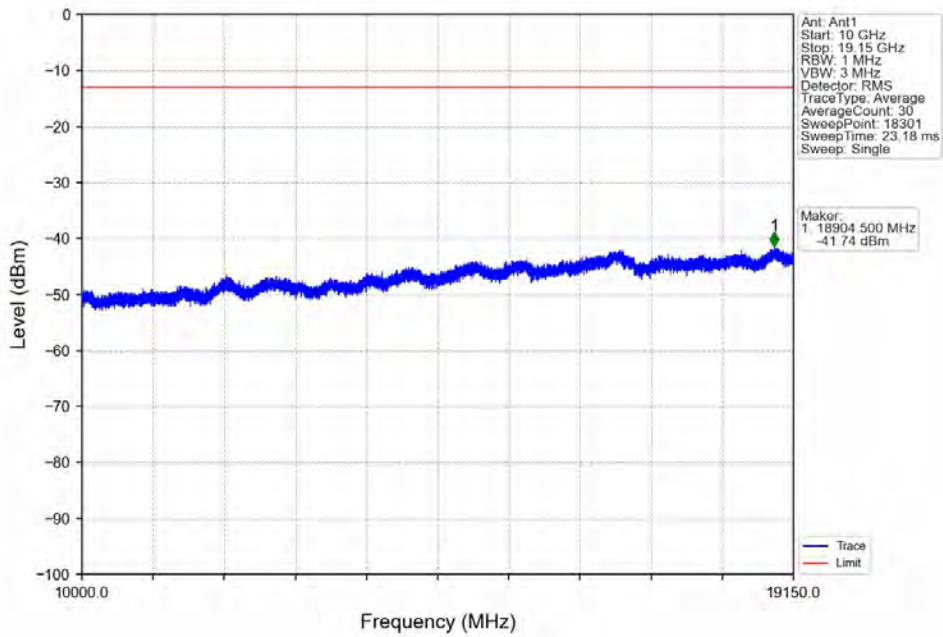
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



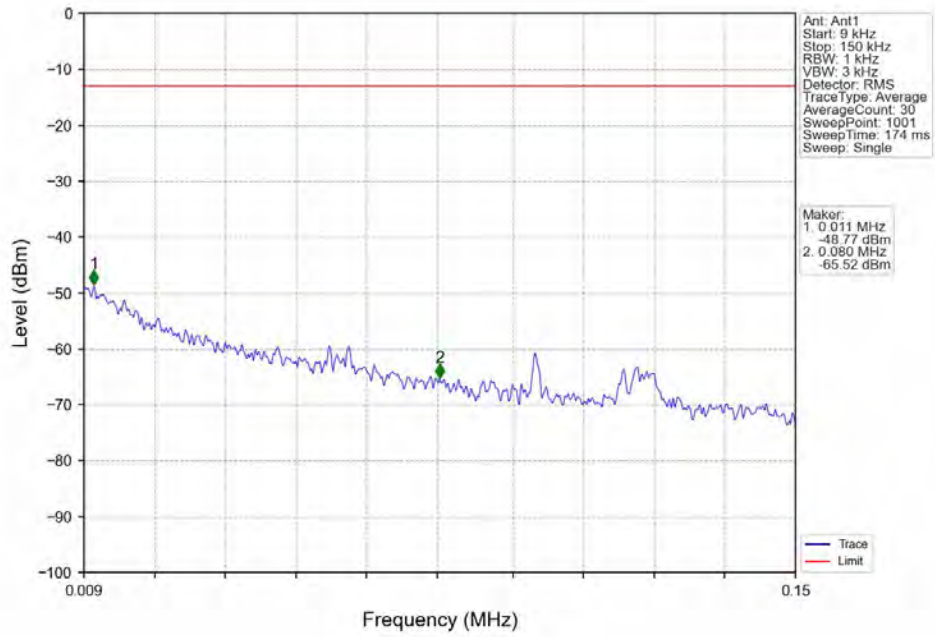
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



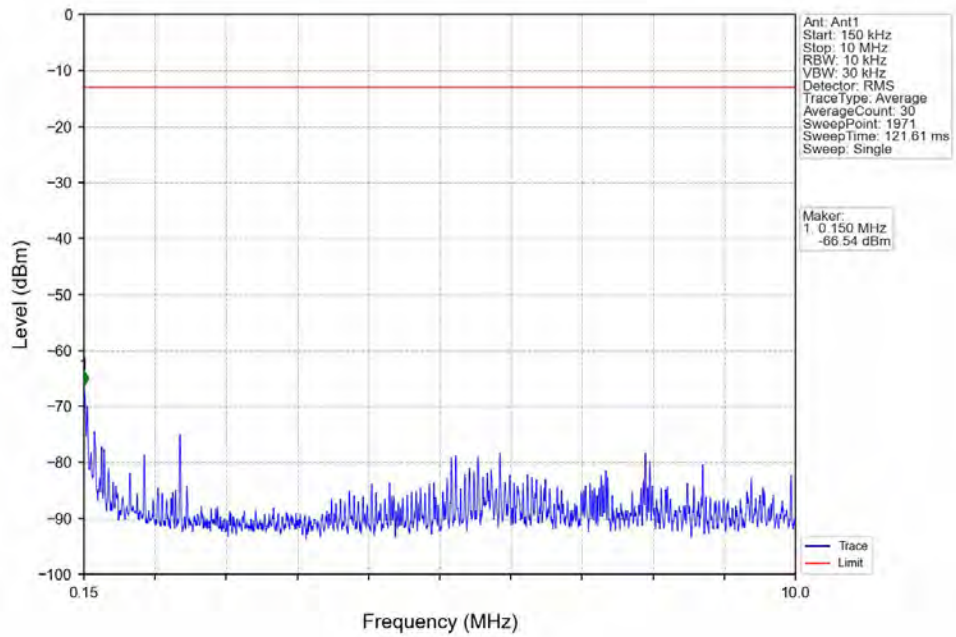
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



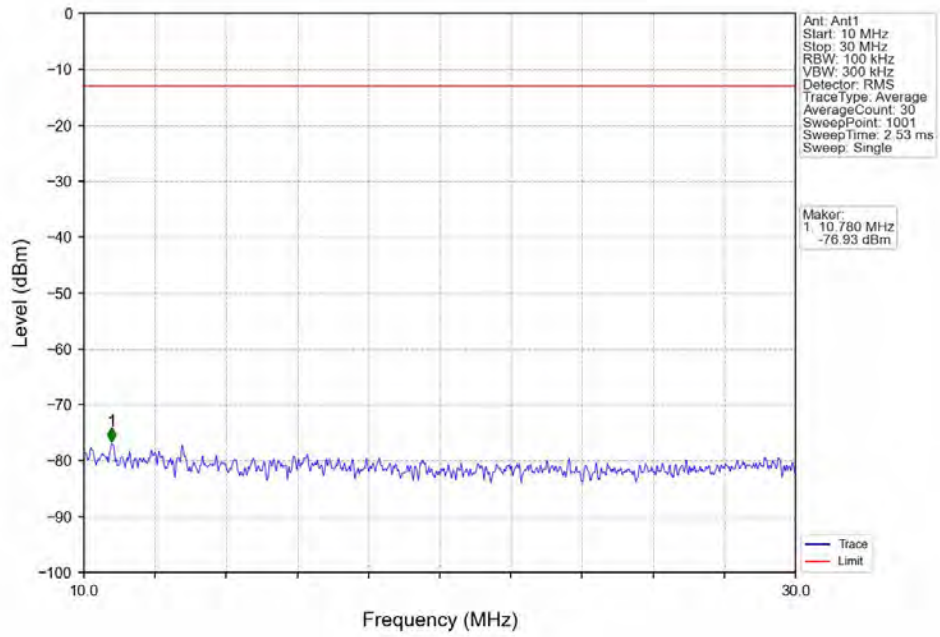
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



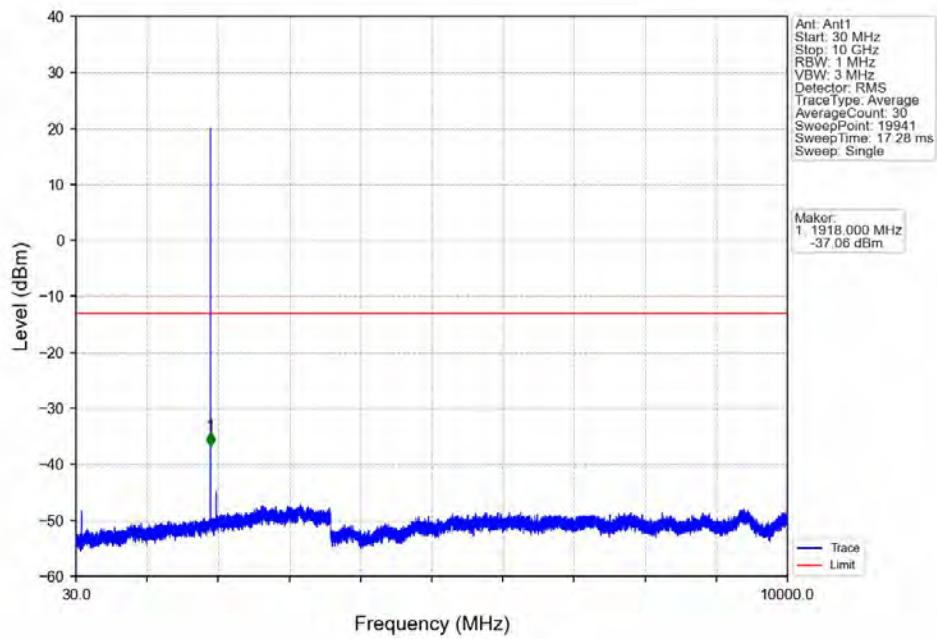
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



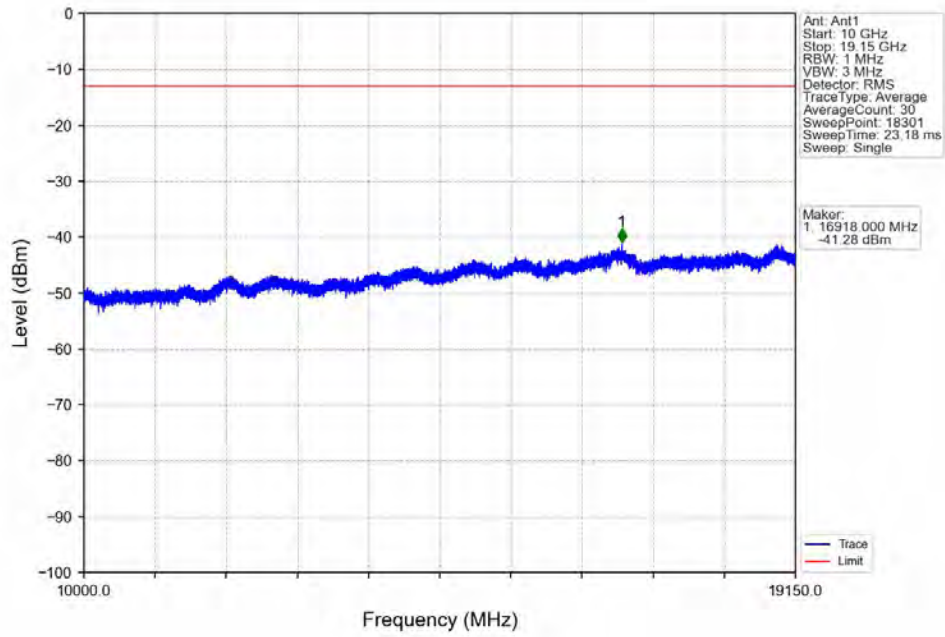
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



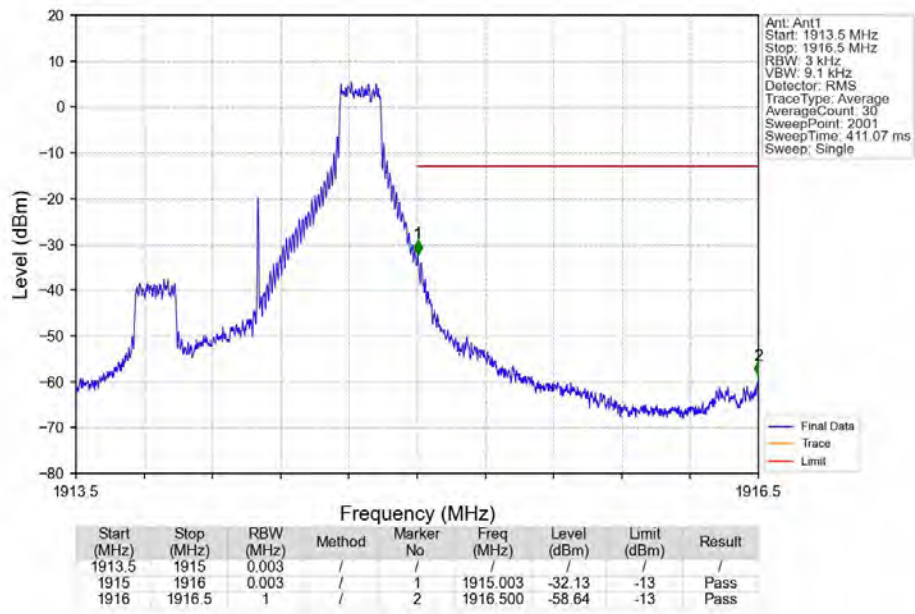
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



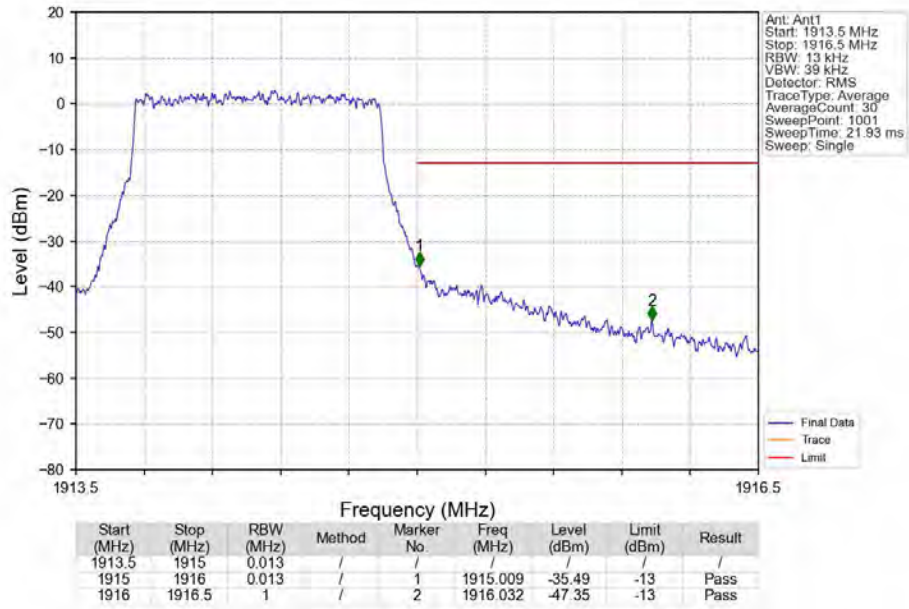
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



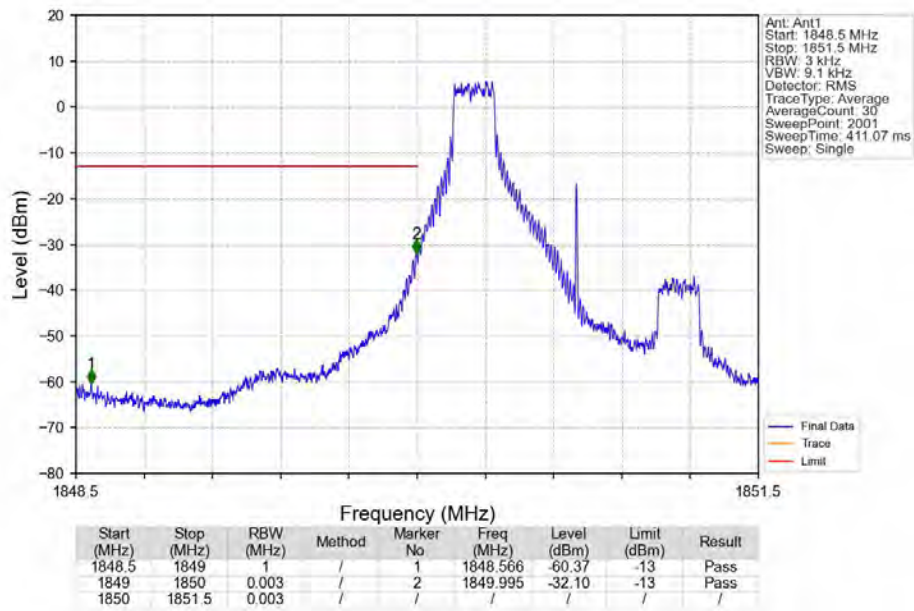
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



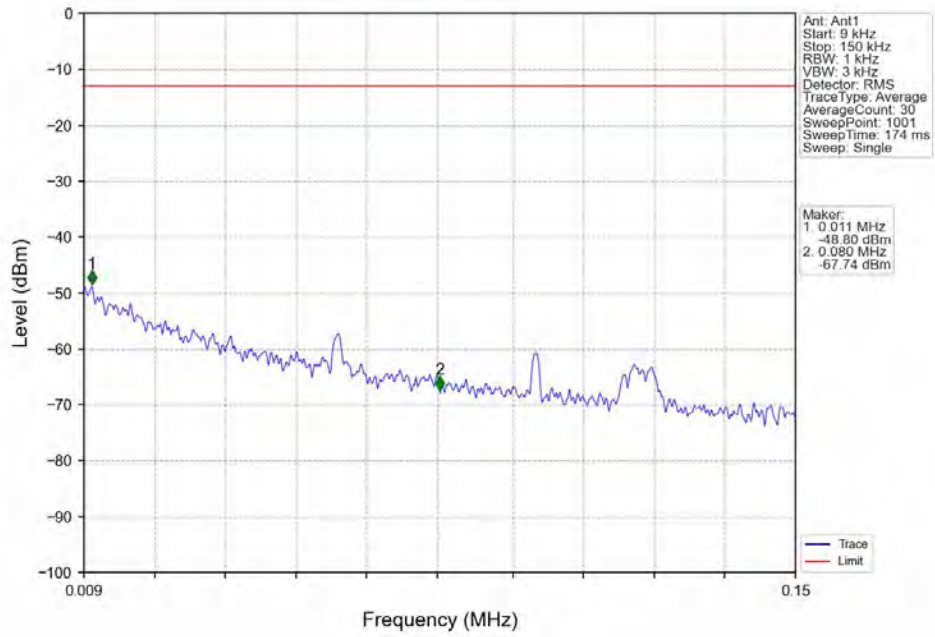
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



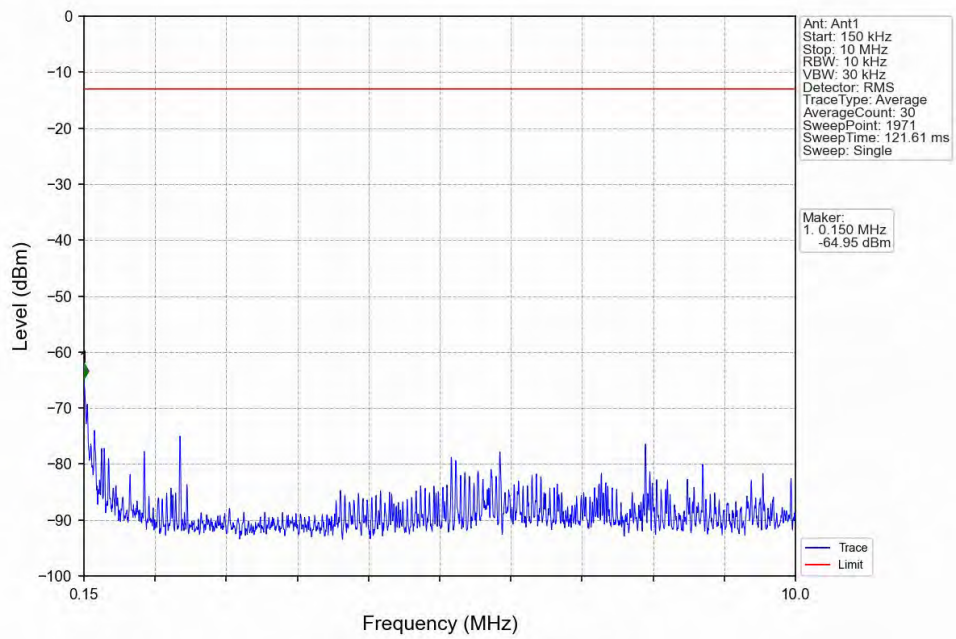
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



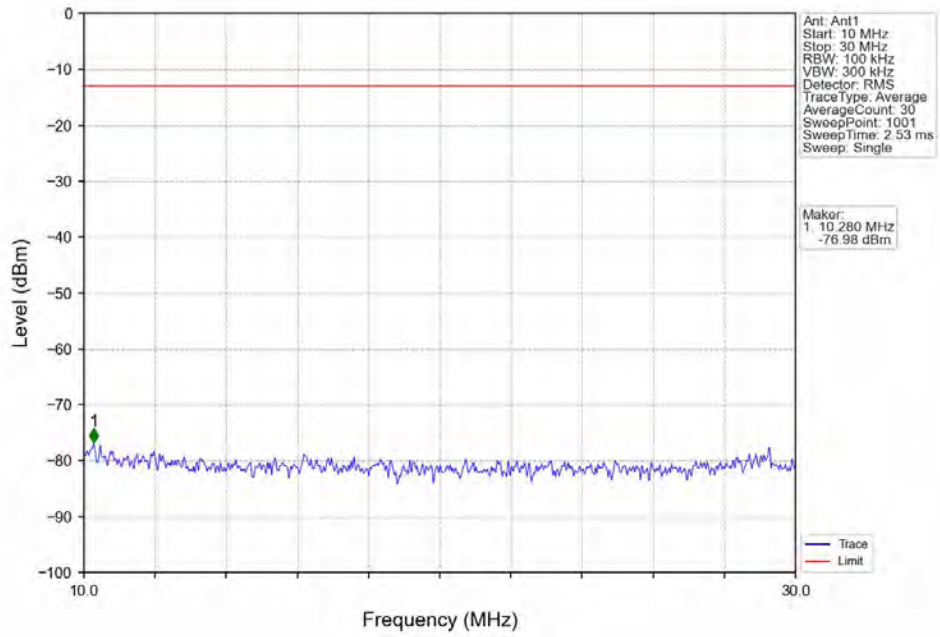
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



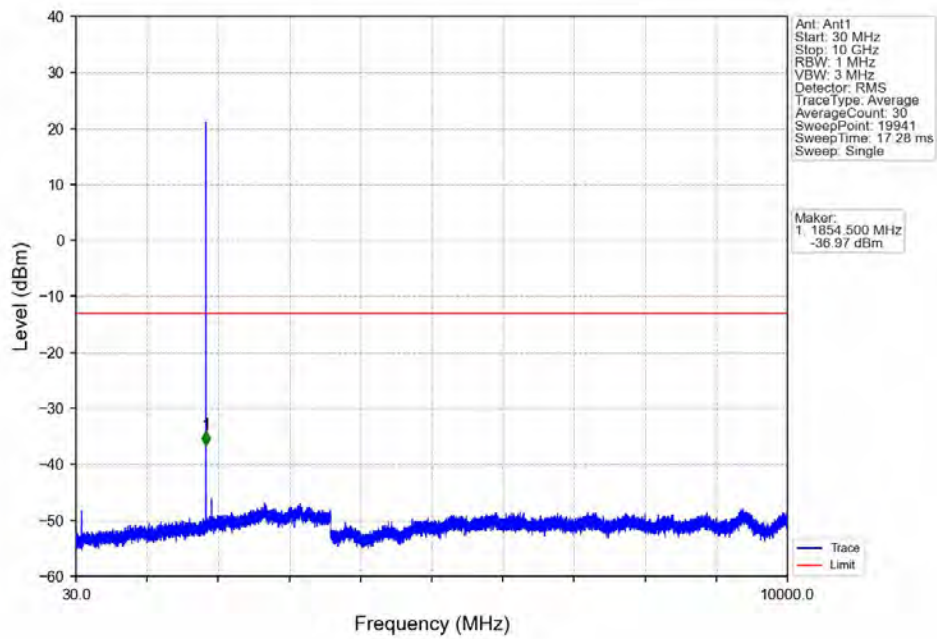
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



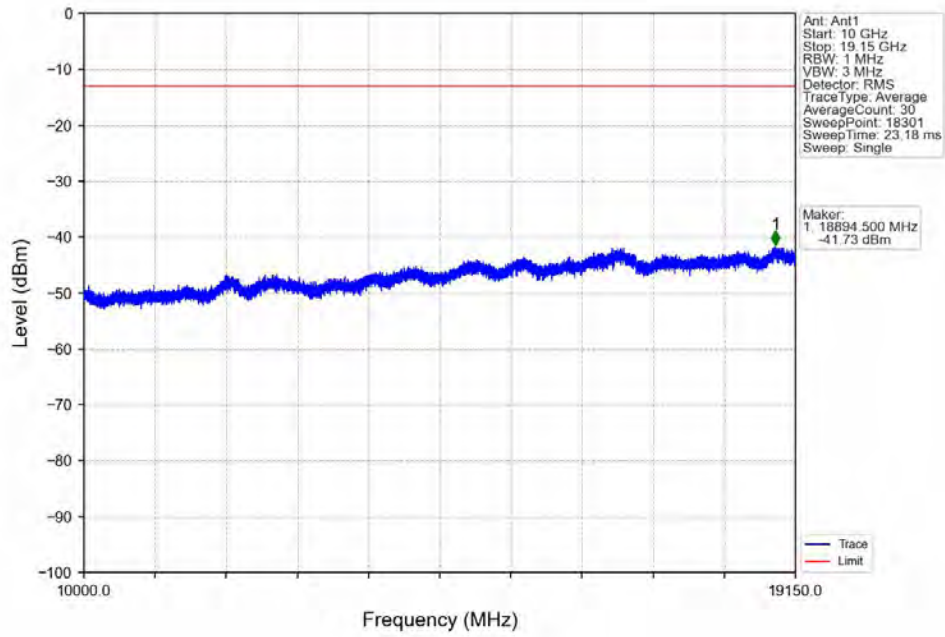
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



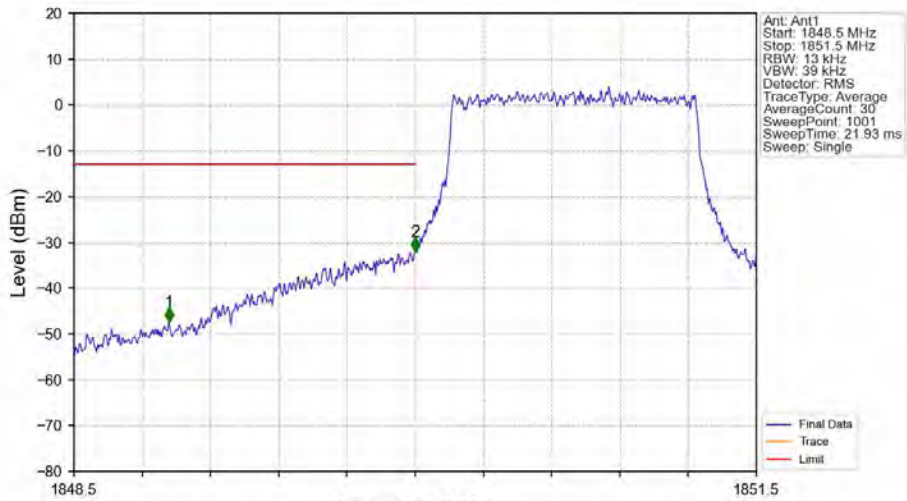
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



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

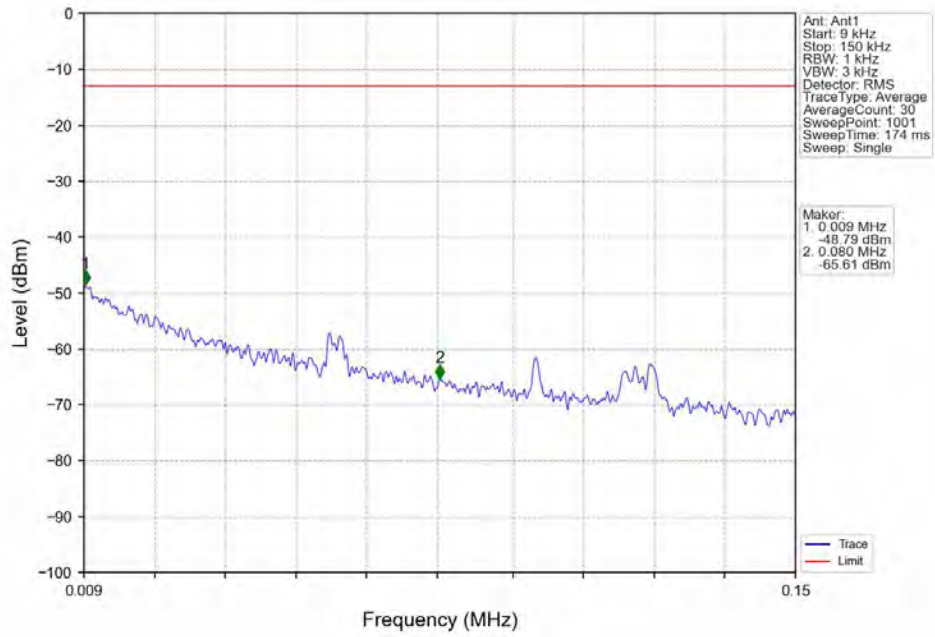


Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN

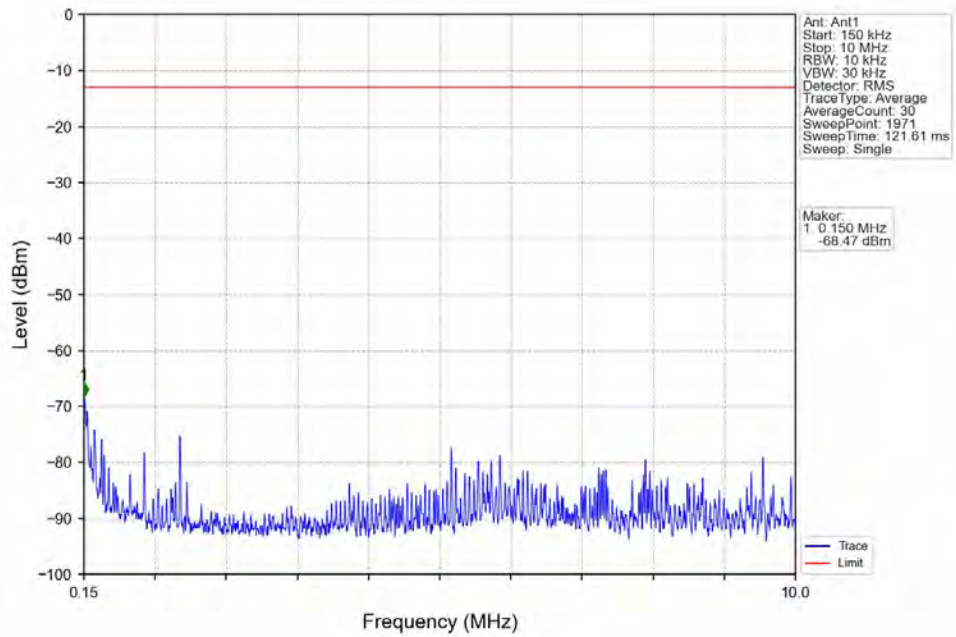


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.917	-47.43	-13	Pass
1849	1850	0.013	/	2	1850.000	-32.00	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

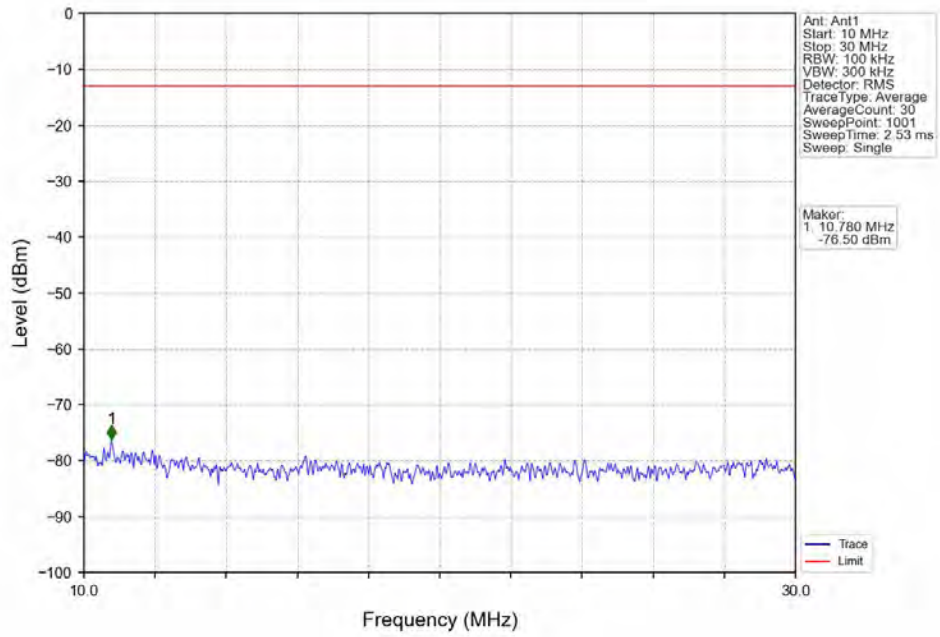
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



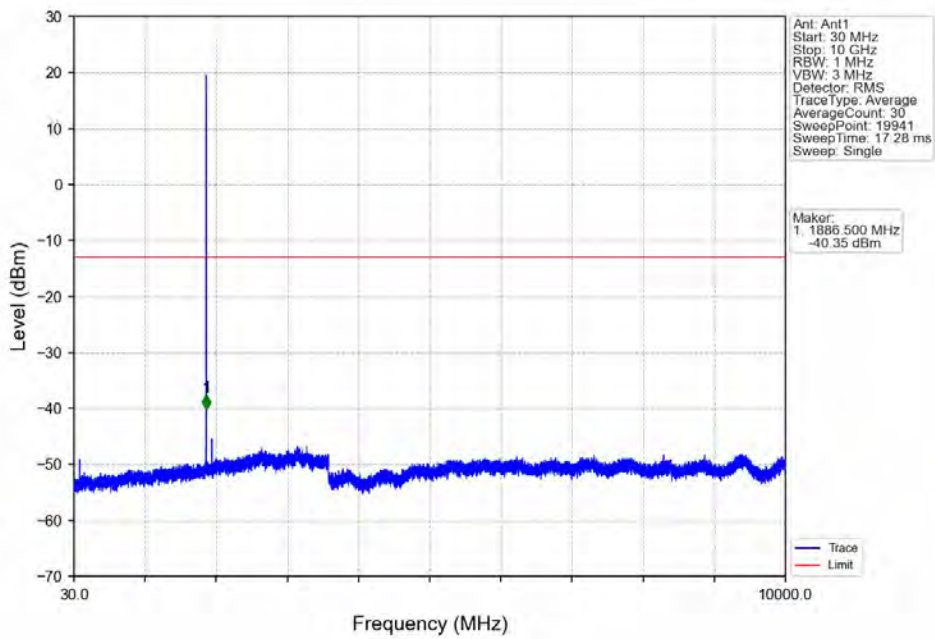
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



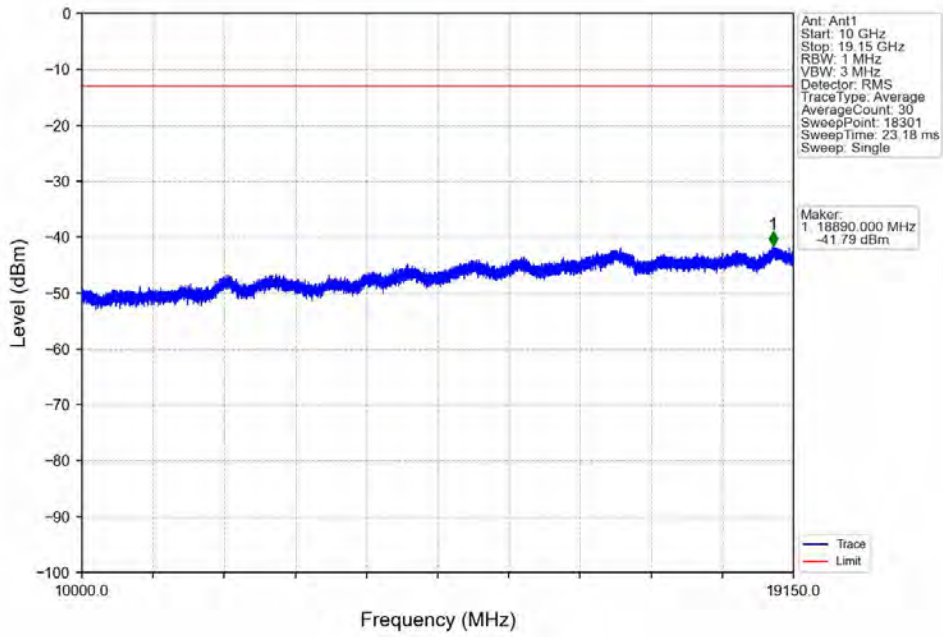
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



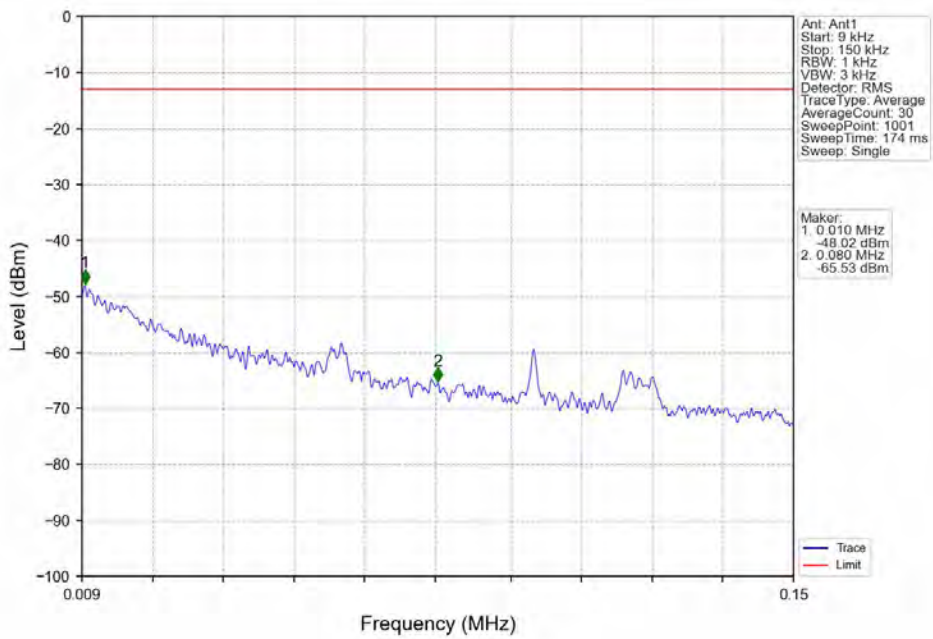
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



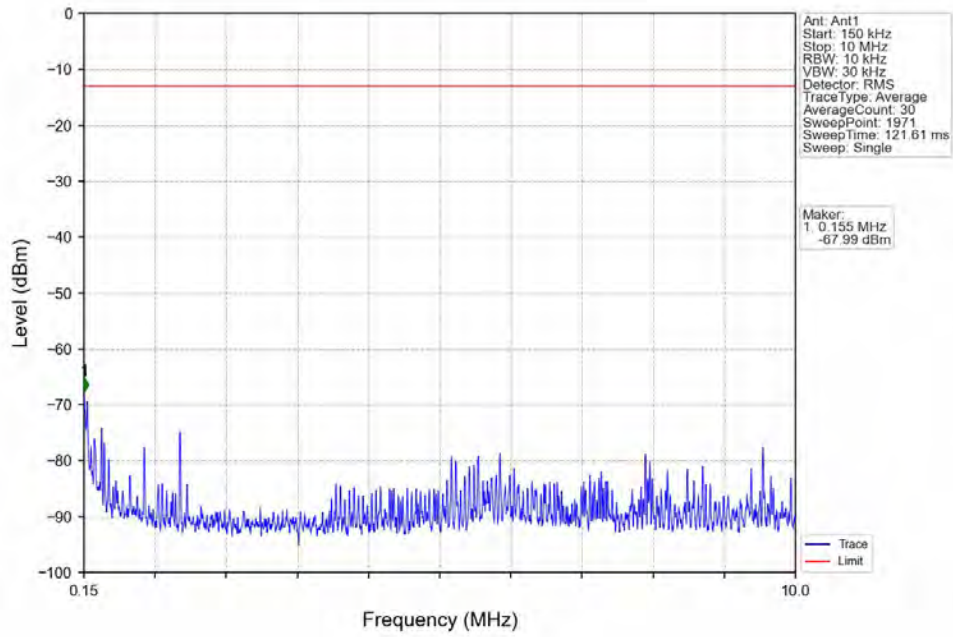
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



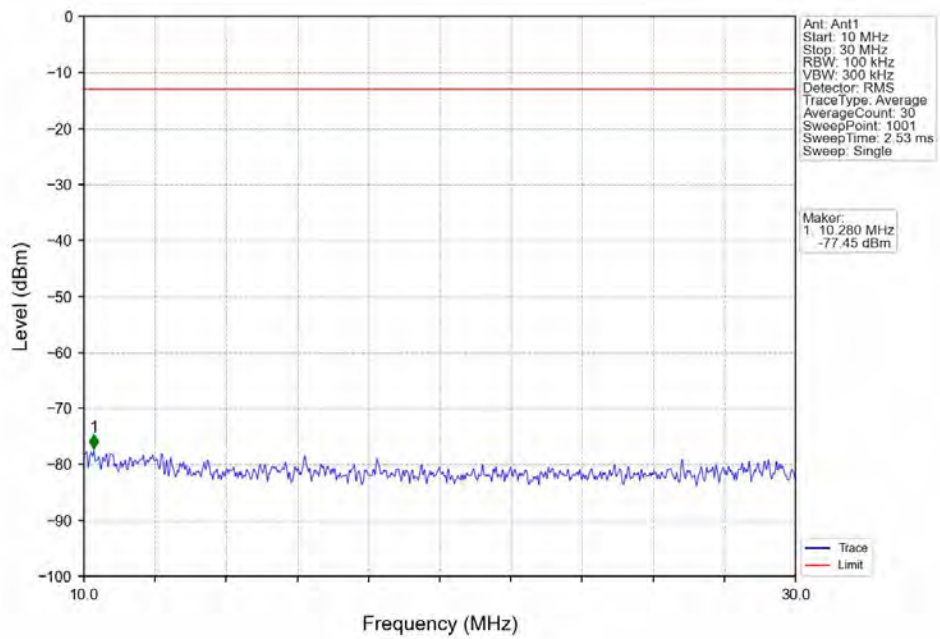
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



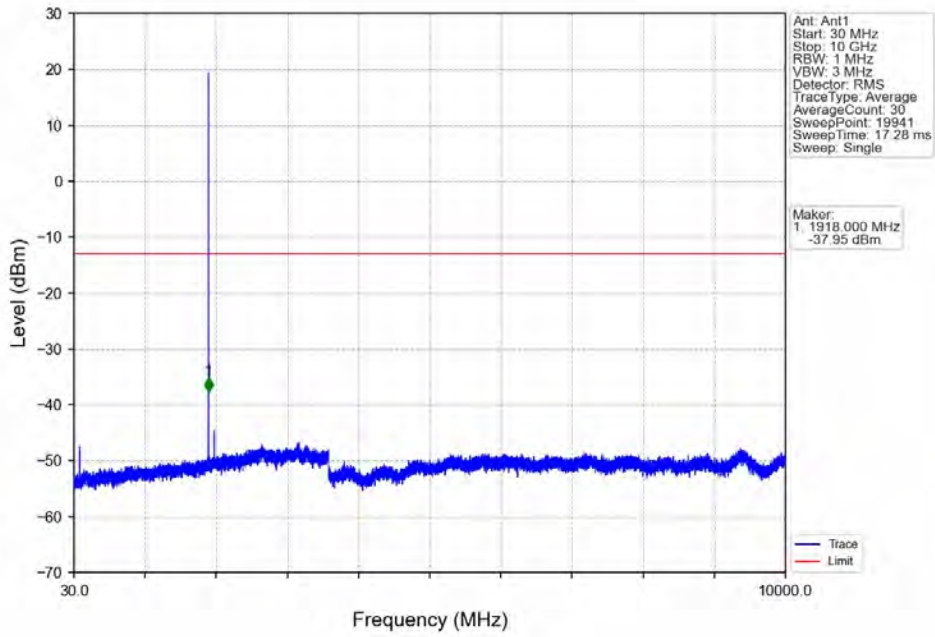
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



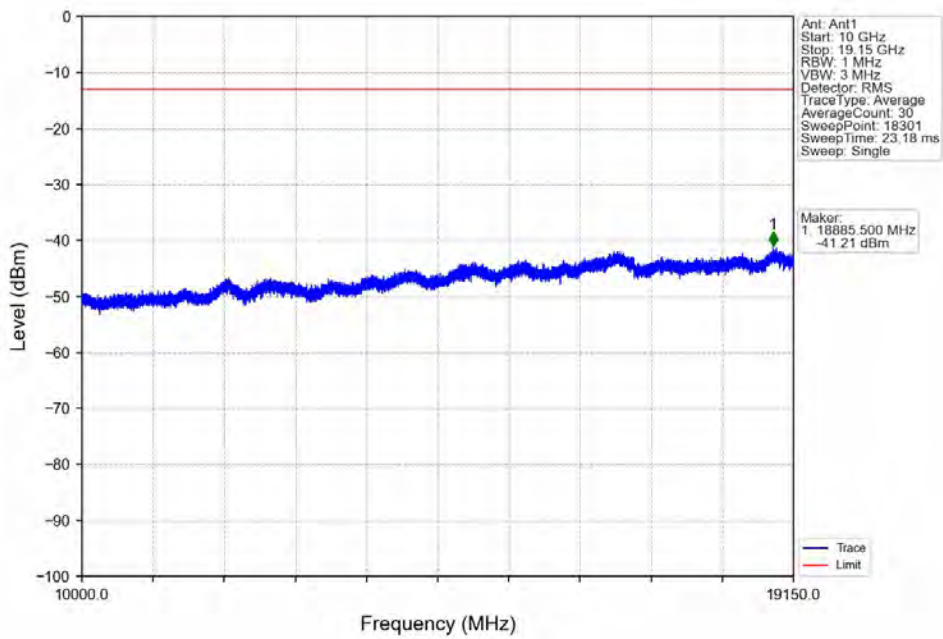
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



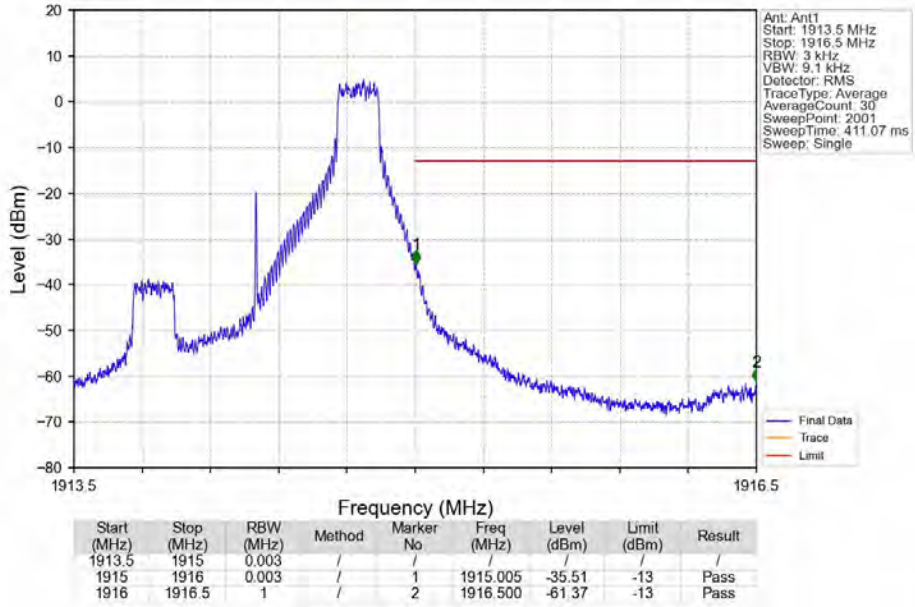
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTV



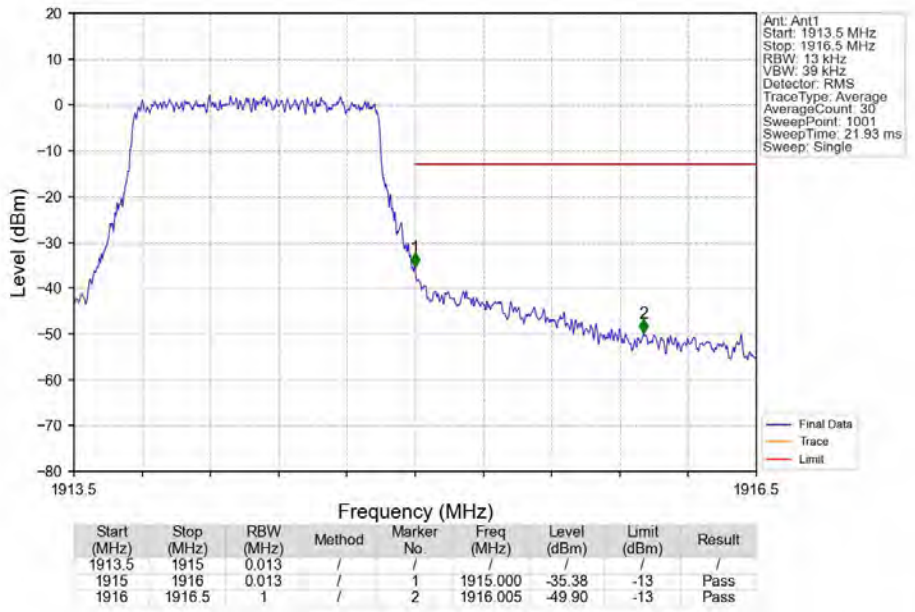
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTV



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



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

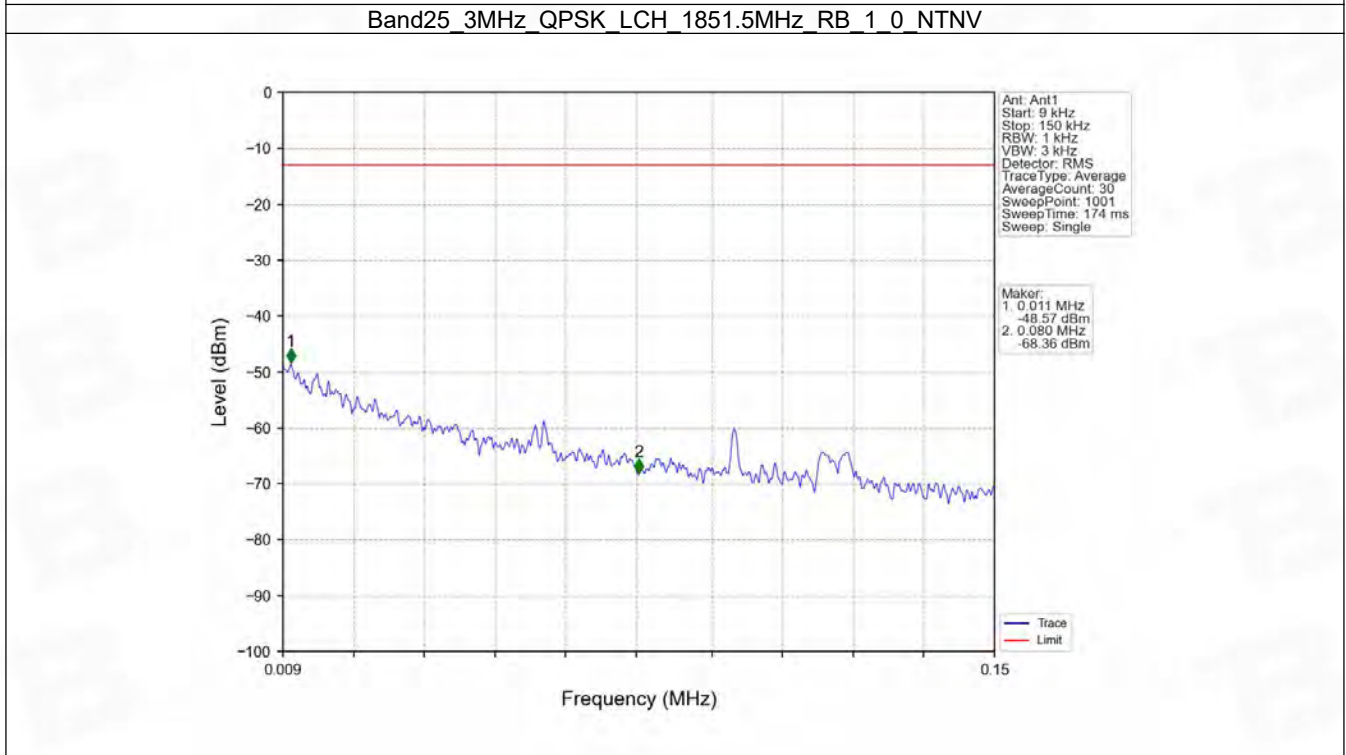
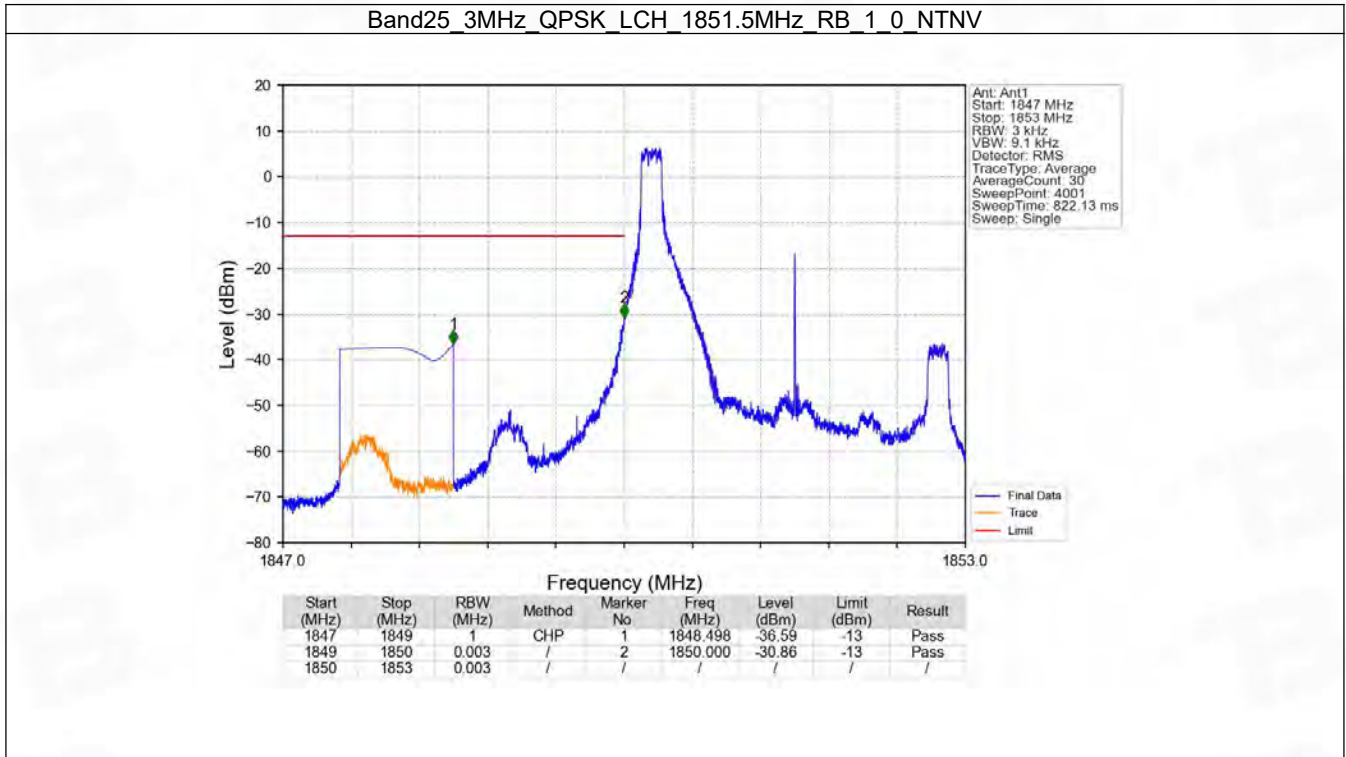


6.2 B25_3MHz

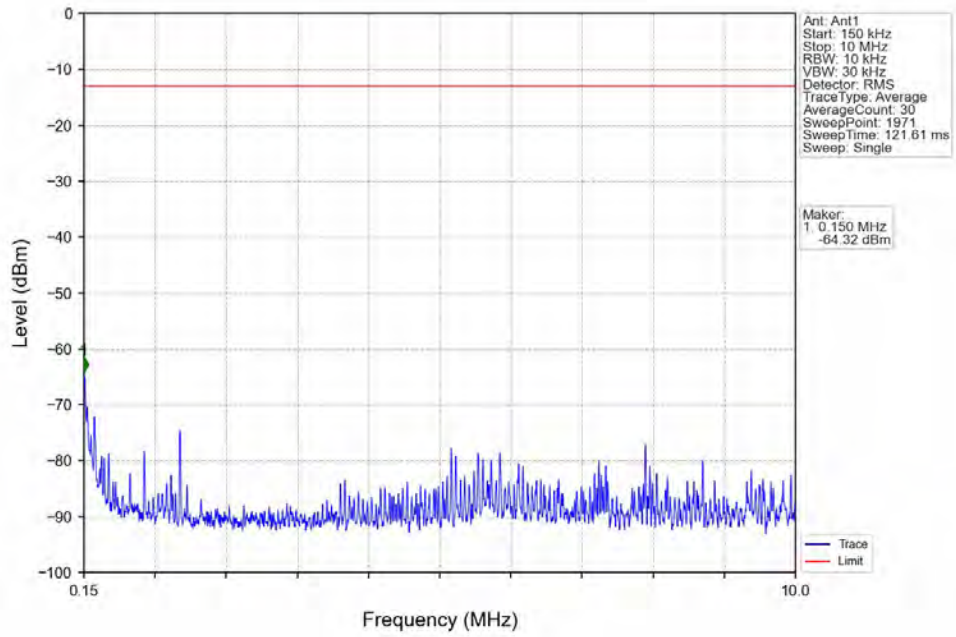
6.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV							
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	
	1913.5	1882.5	1	0	Refer To Test Graph		Pass
		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	
	1913.5	1882.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			14	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	

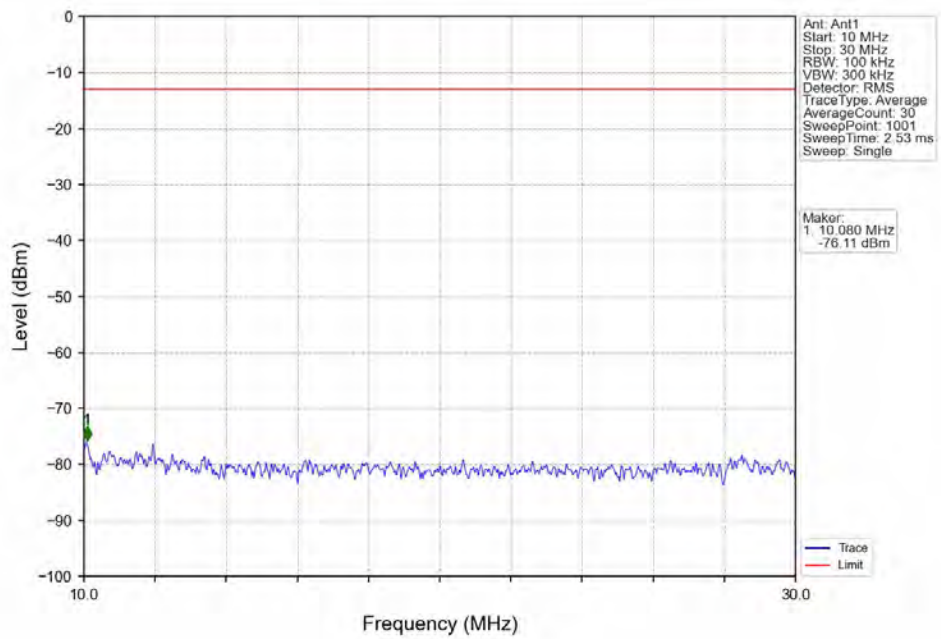
6.2.2 Test Graph



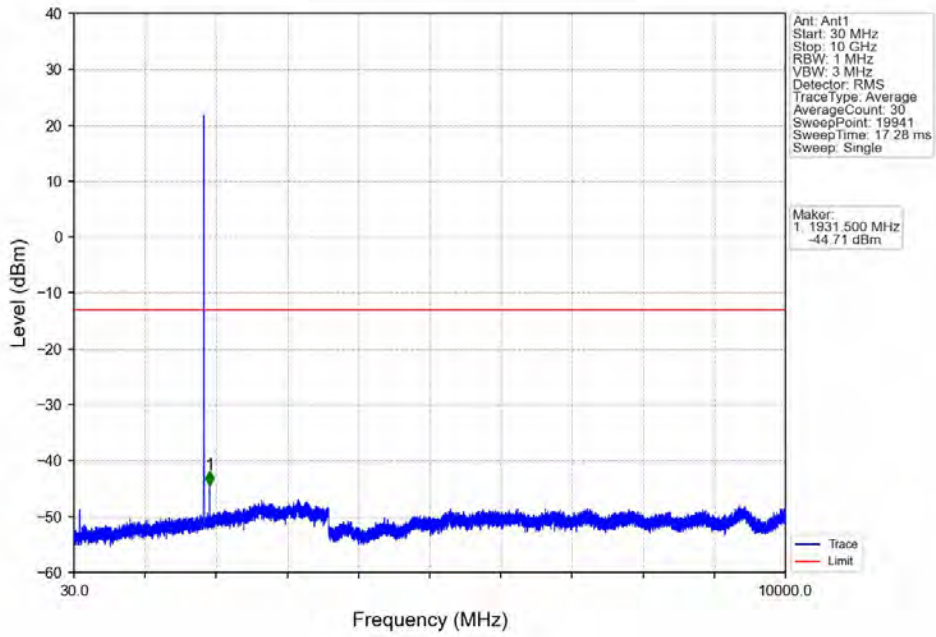
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



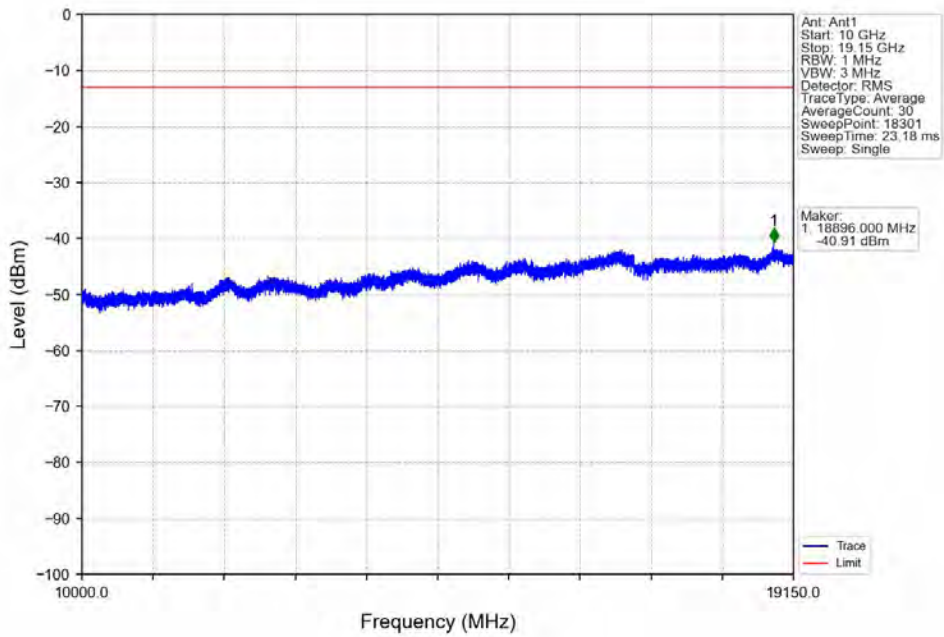
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



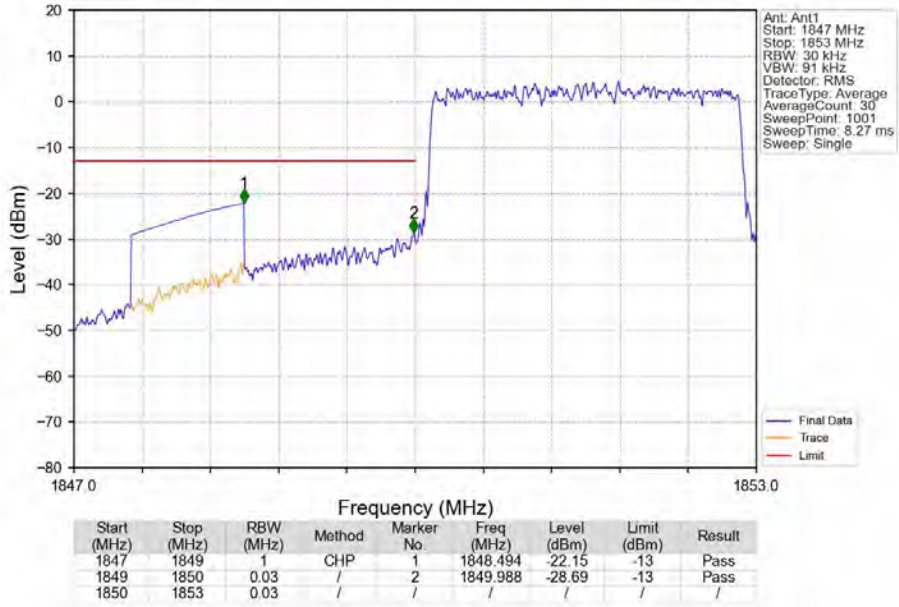
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



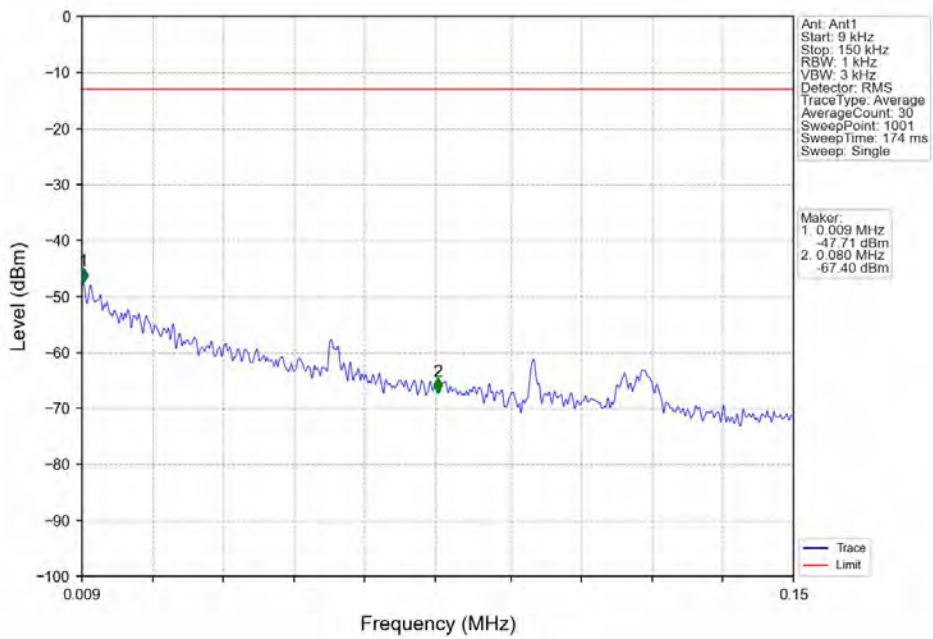
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



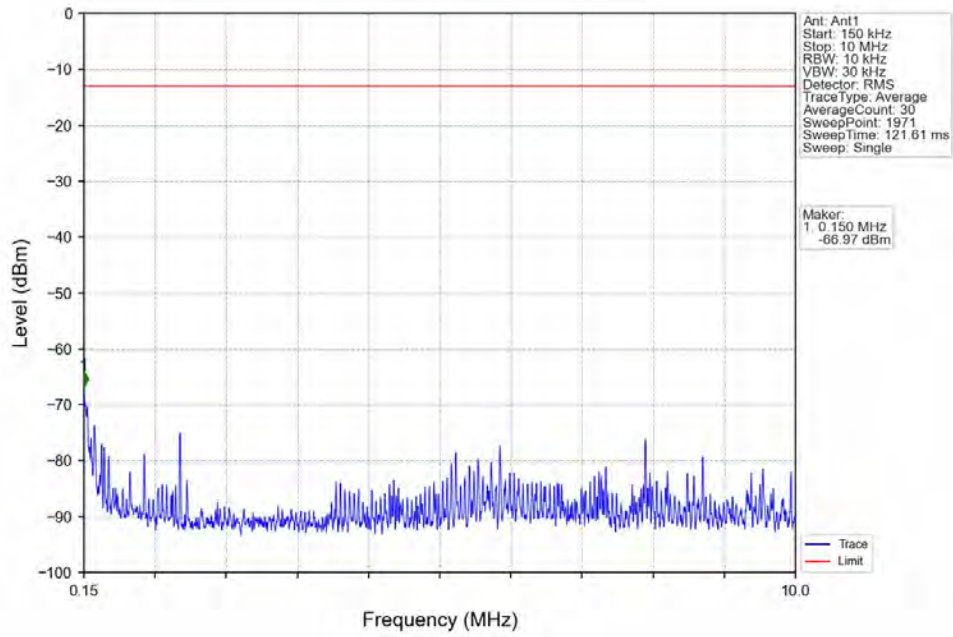
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



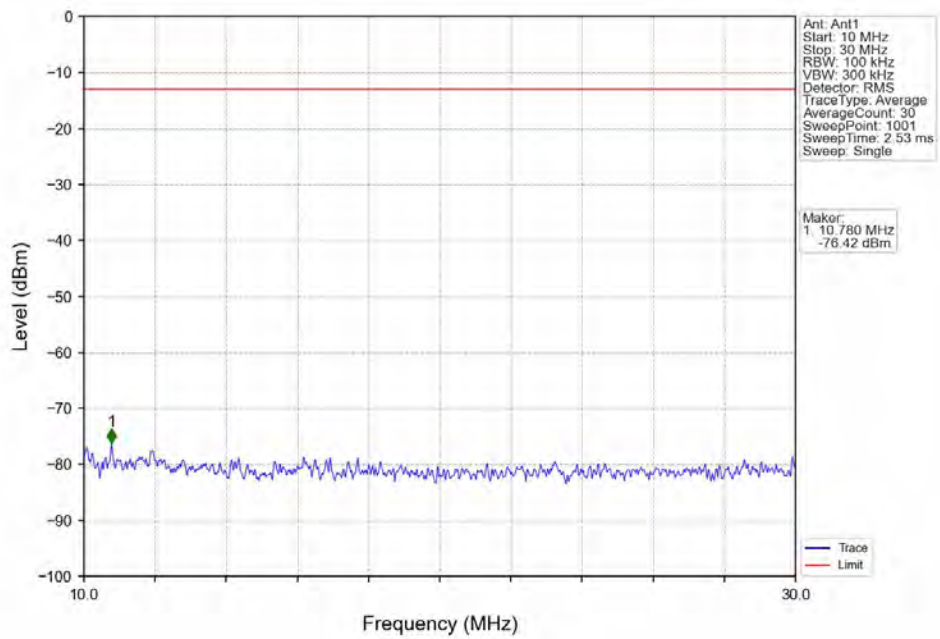
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



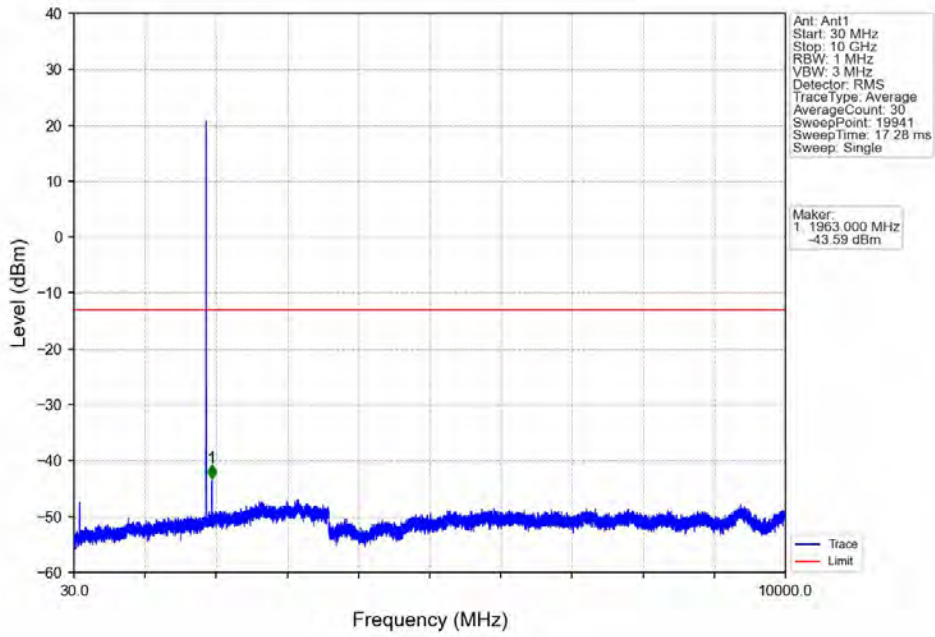
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



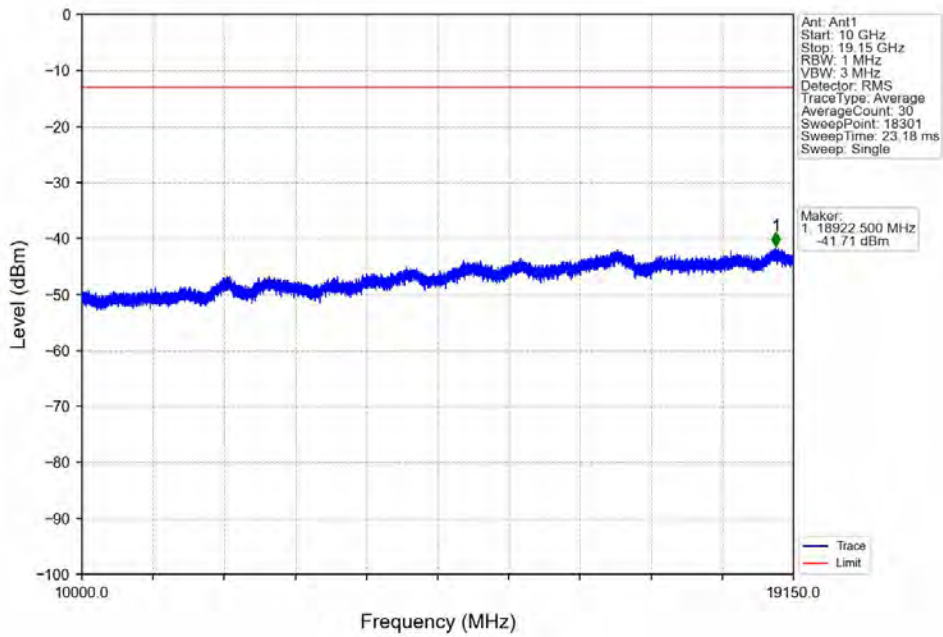
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



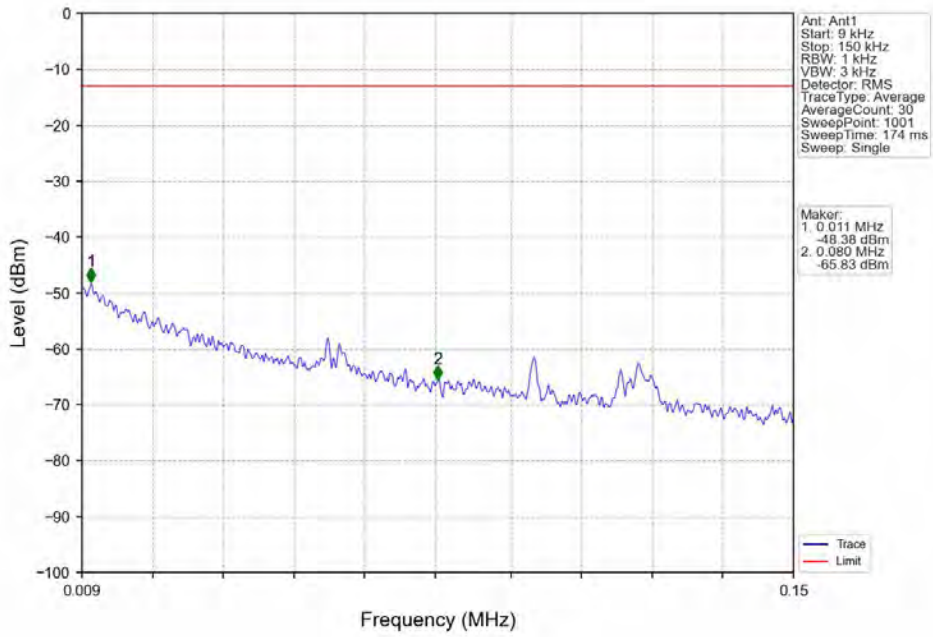
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



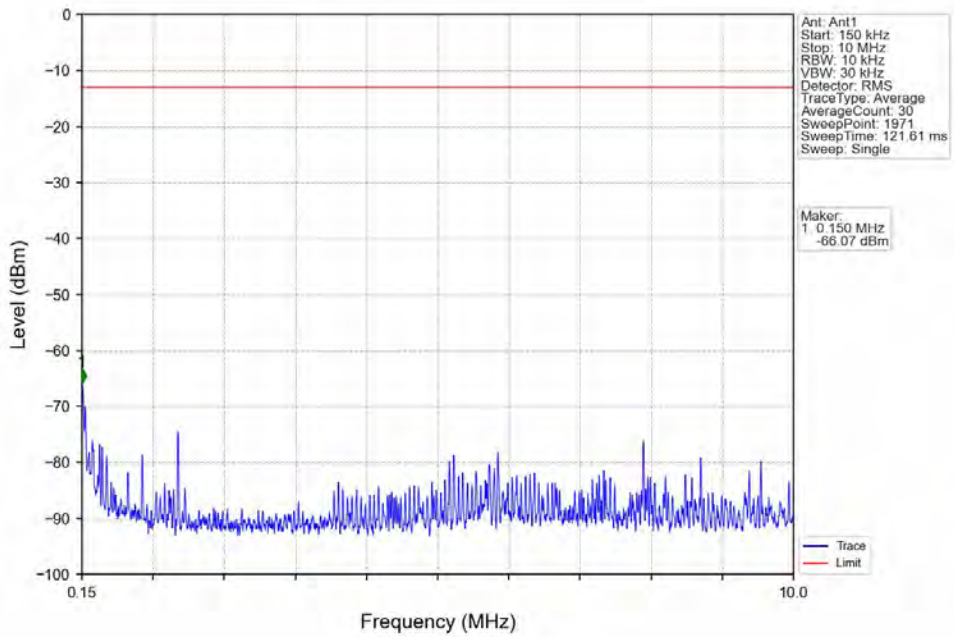
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



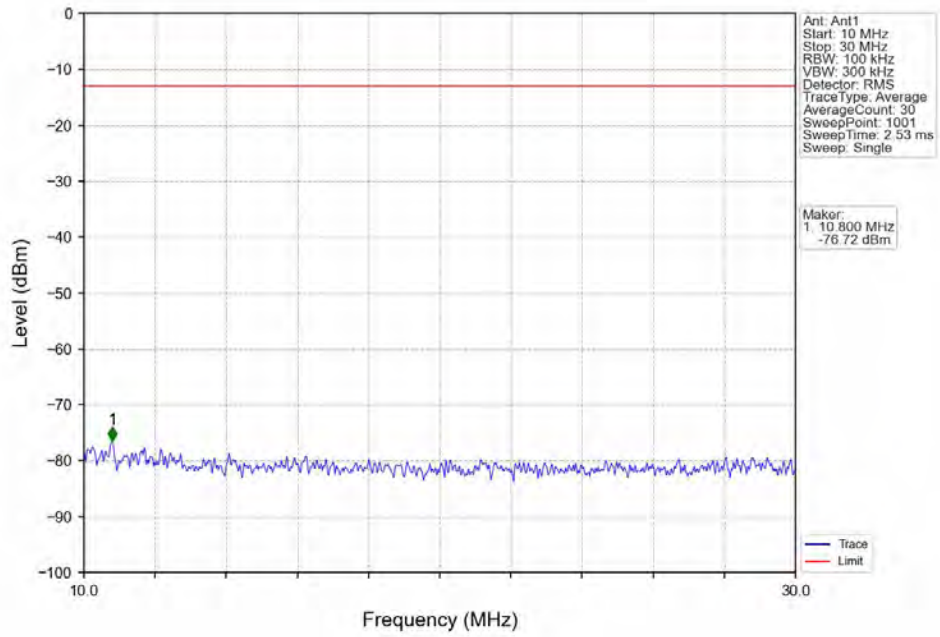
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



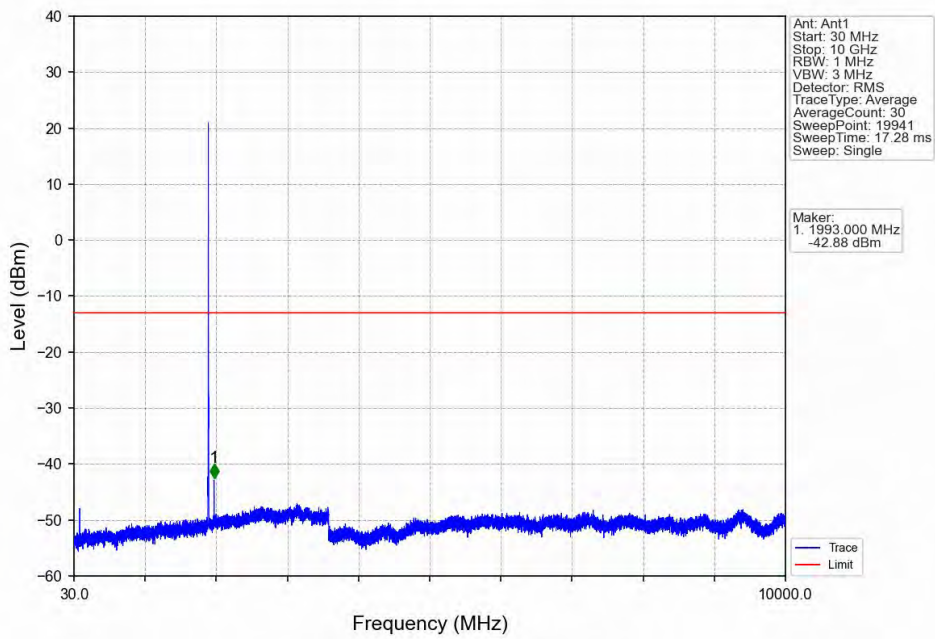
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



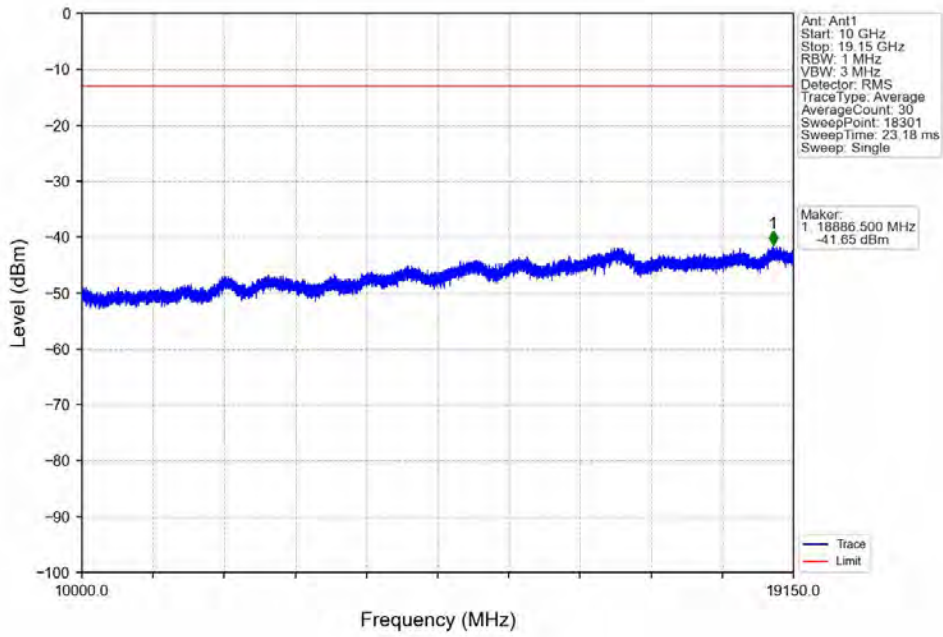
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



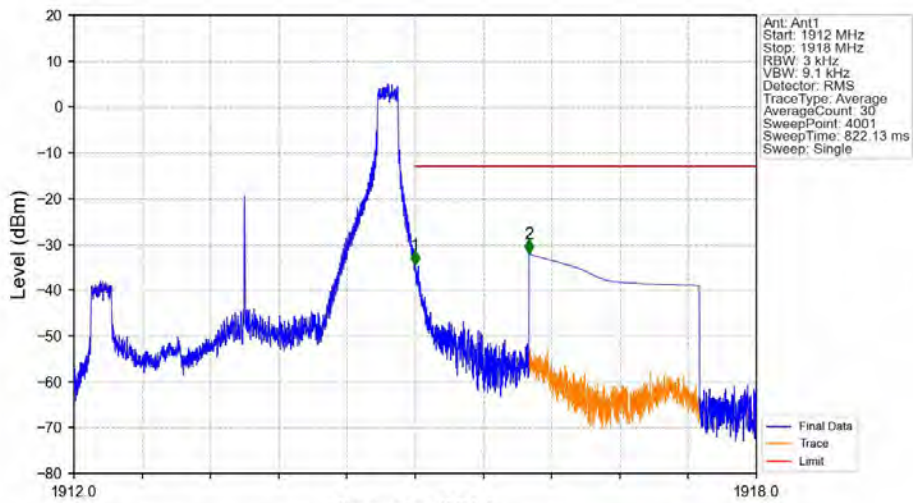
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTNV

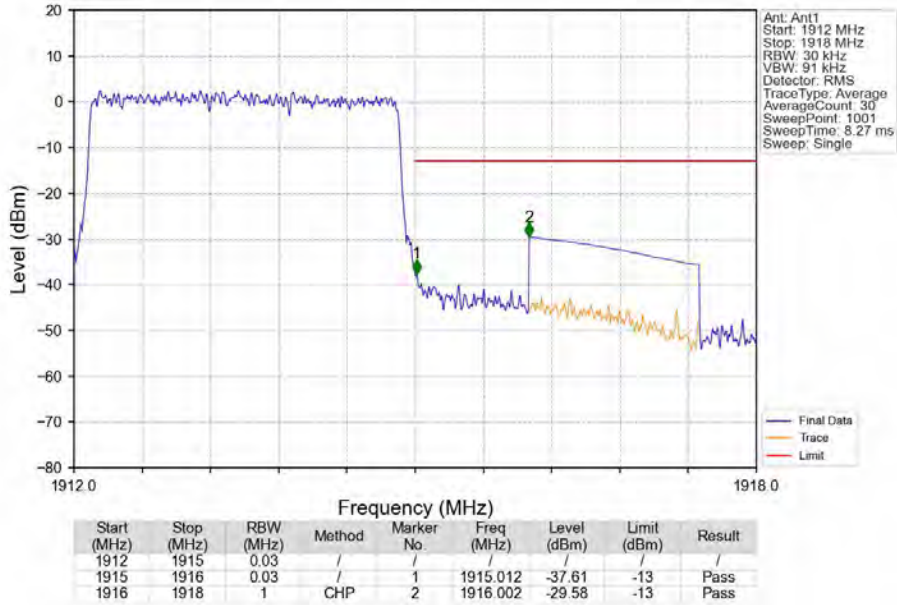


Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTNV

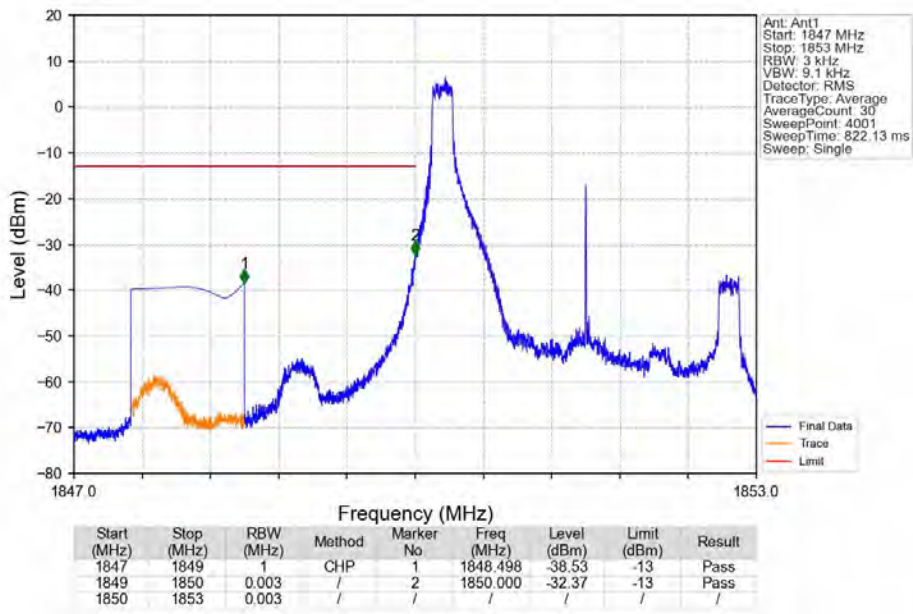


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	1	1915.000	-34.51	-13	Pass
1915	1916	0.003	/	1	1915.000	-34.51	-13	Pass
1916	1918	1	CHP	2	1916.001	-32.10	-13	Pass

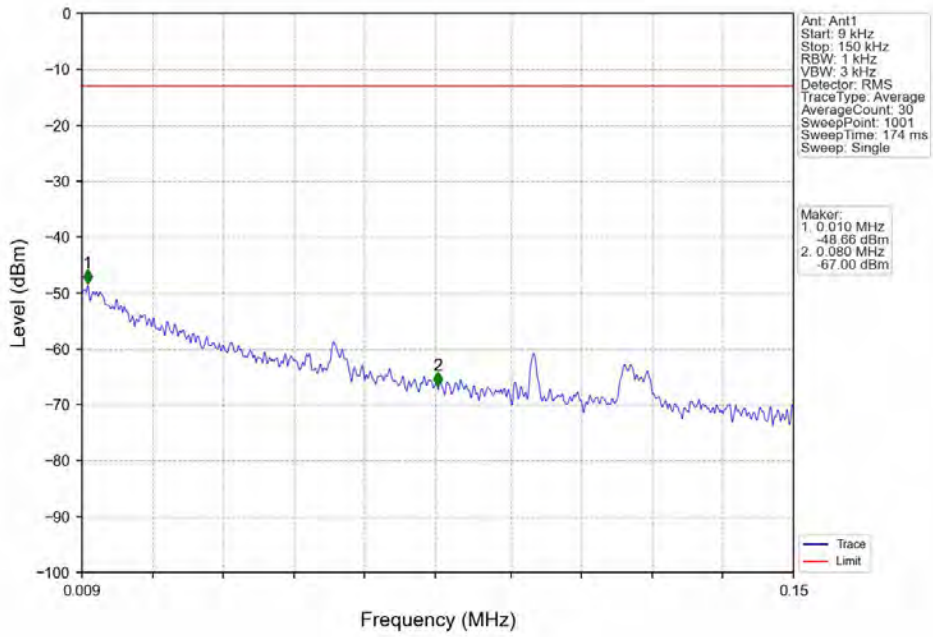
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



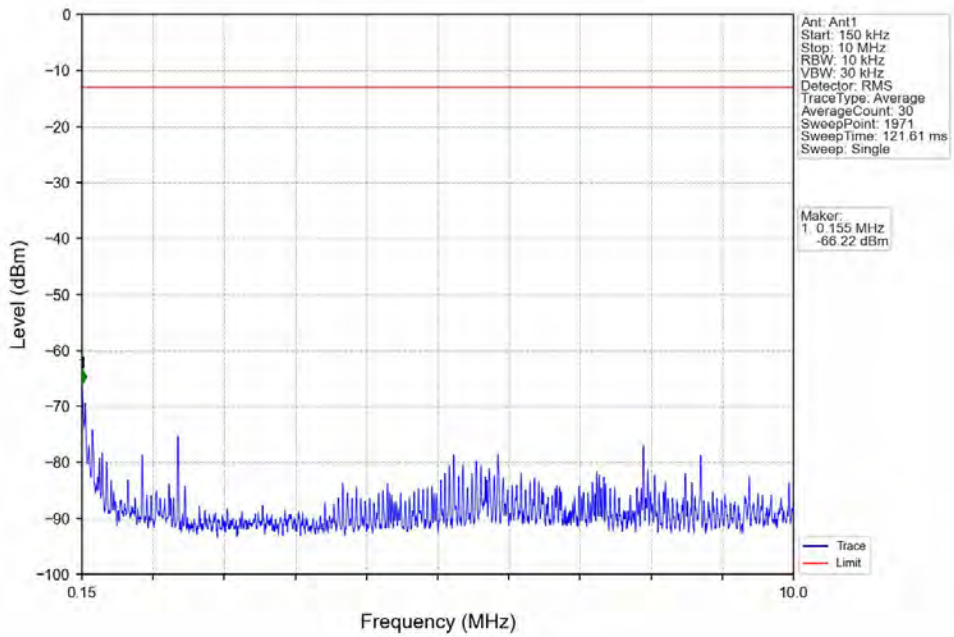
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



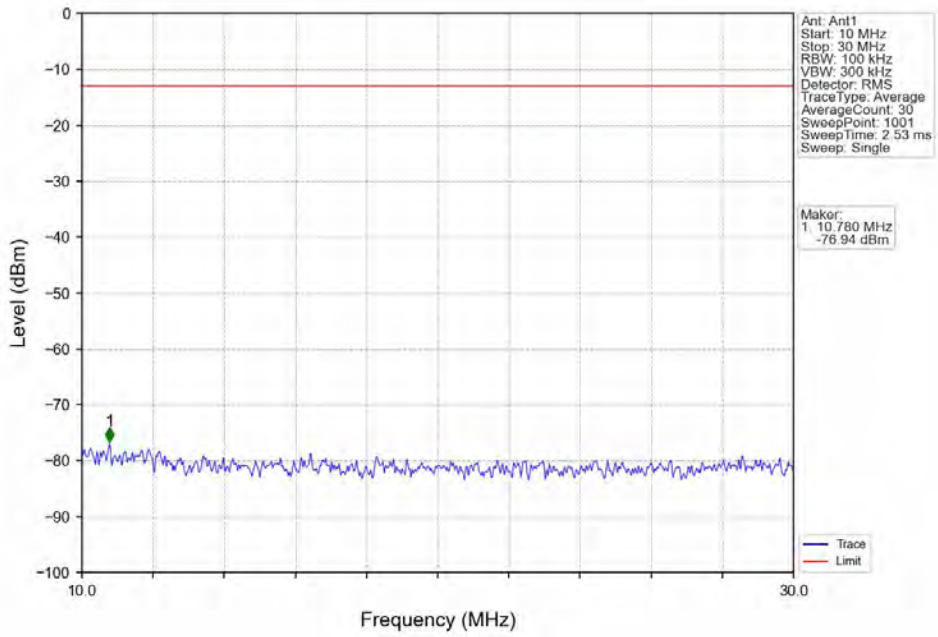
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



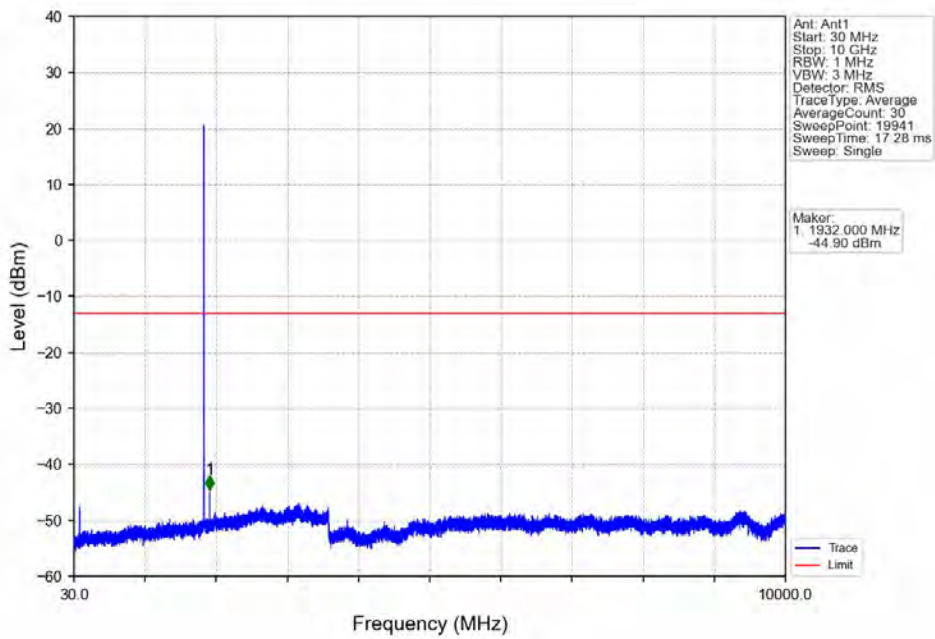
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



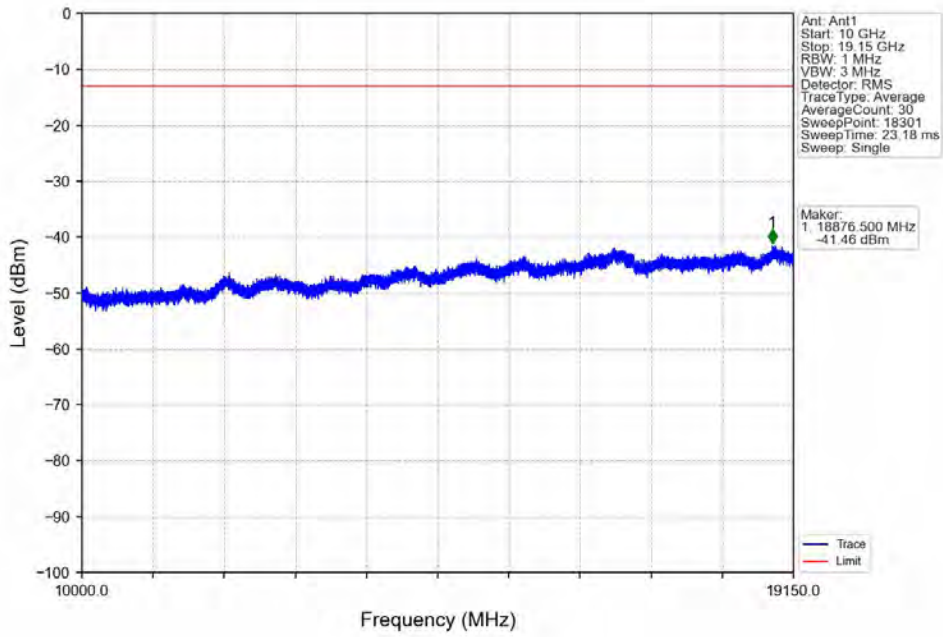
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



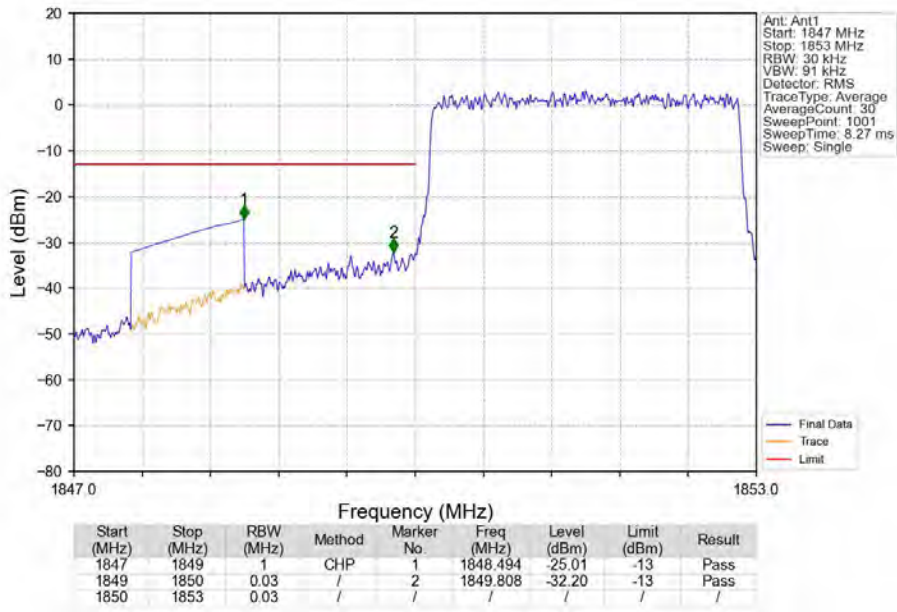
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



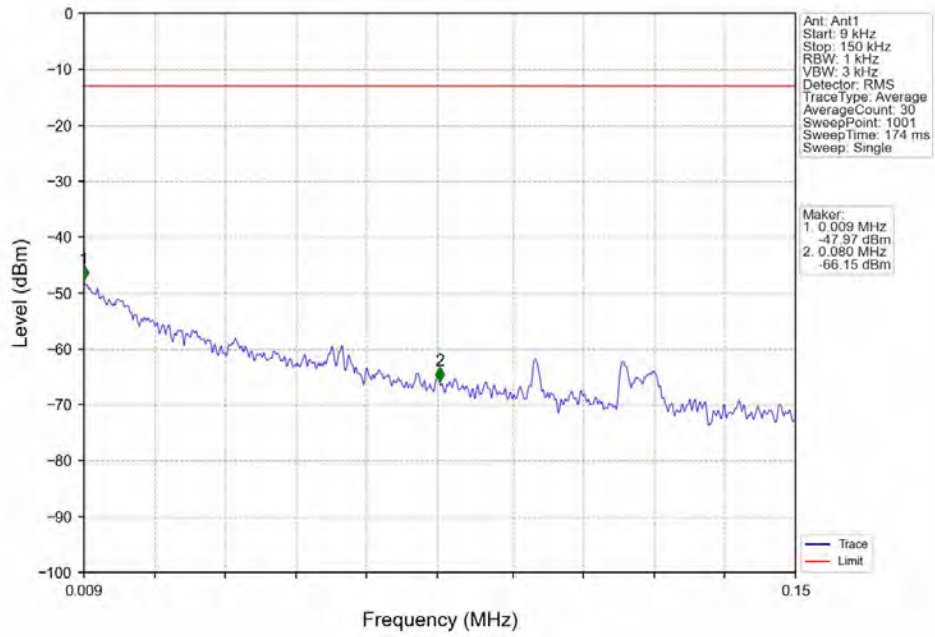
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



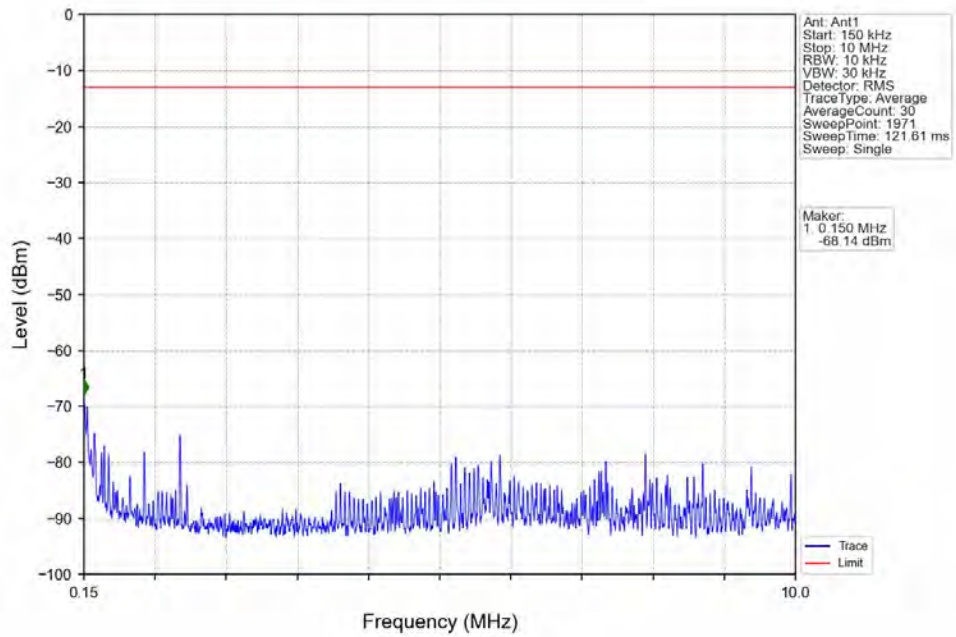
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



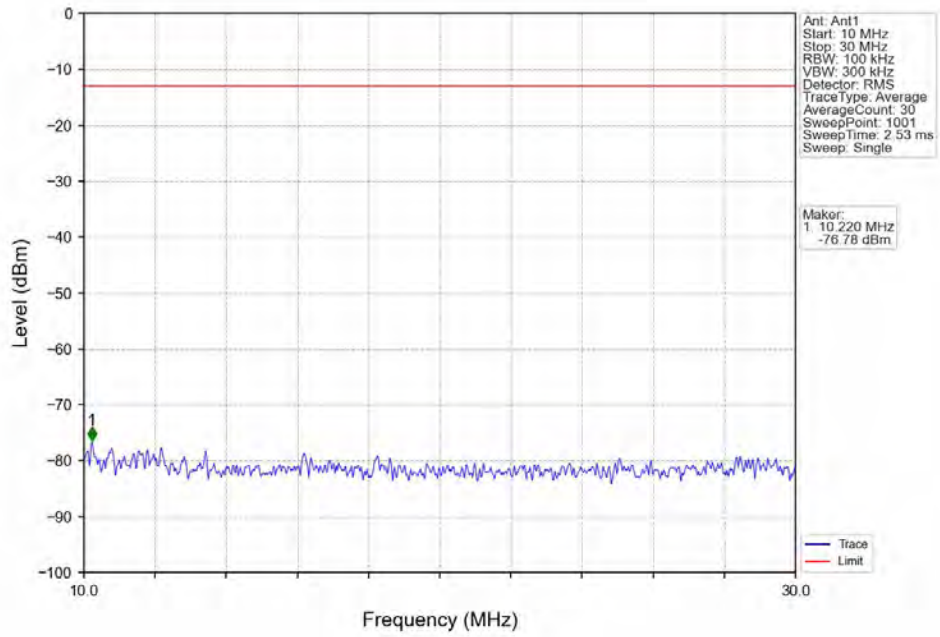
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



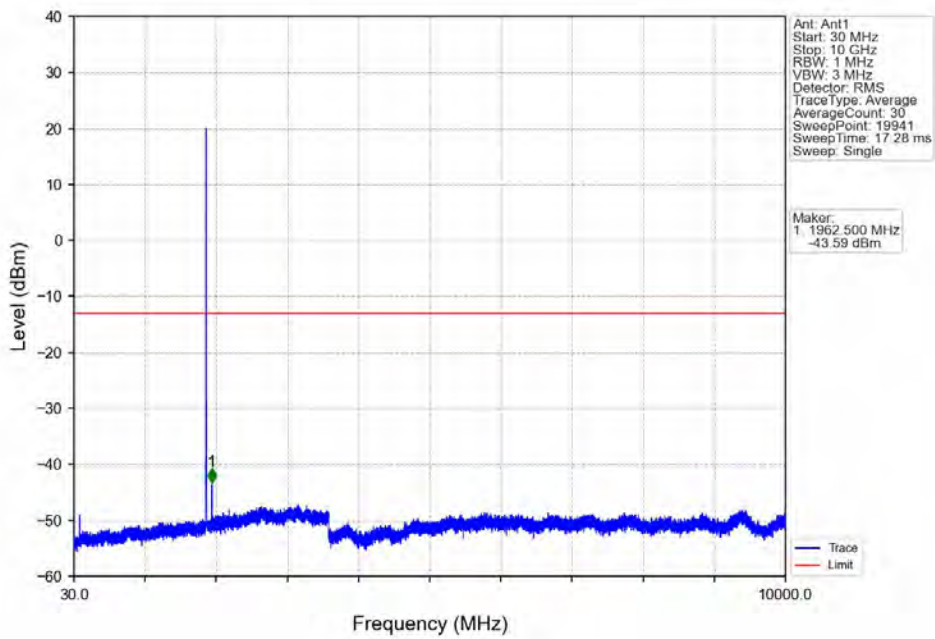
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



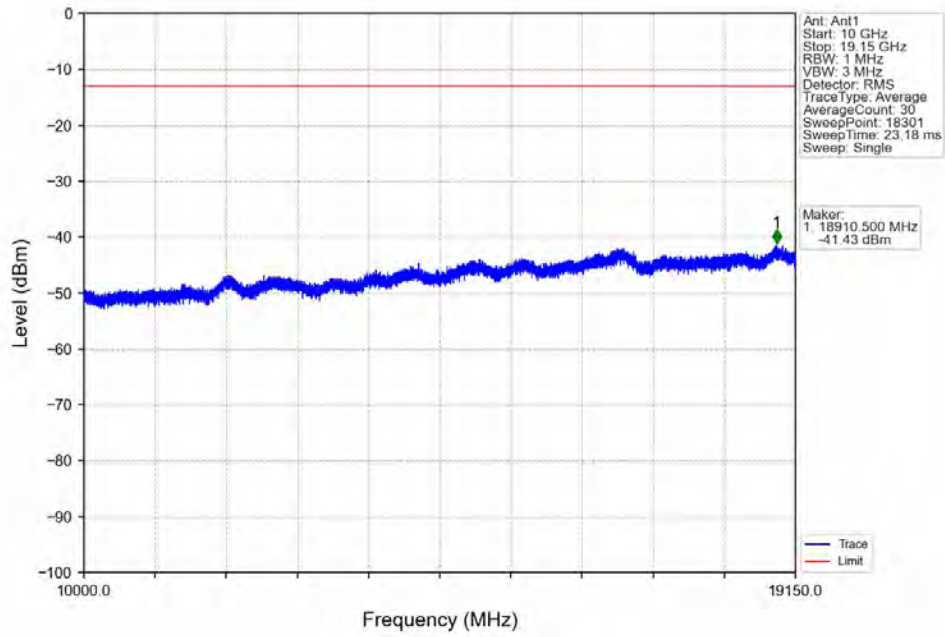
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



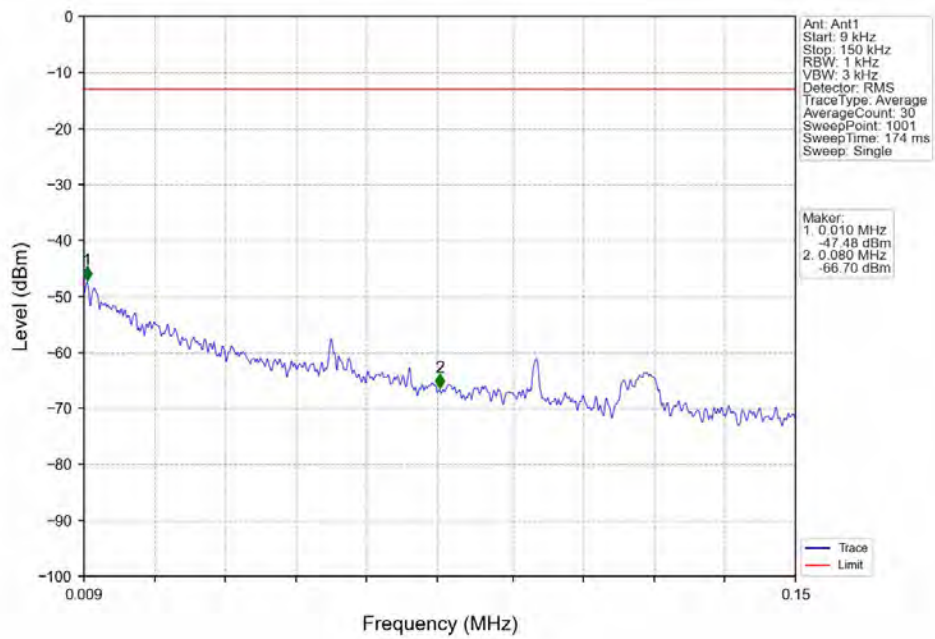
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



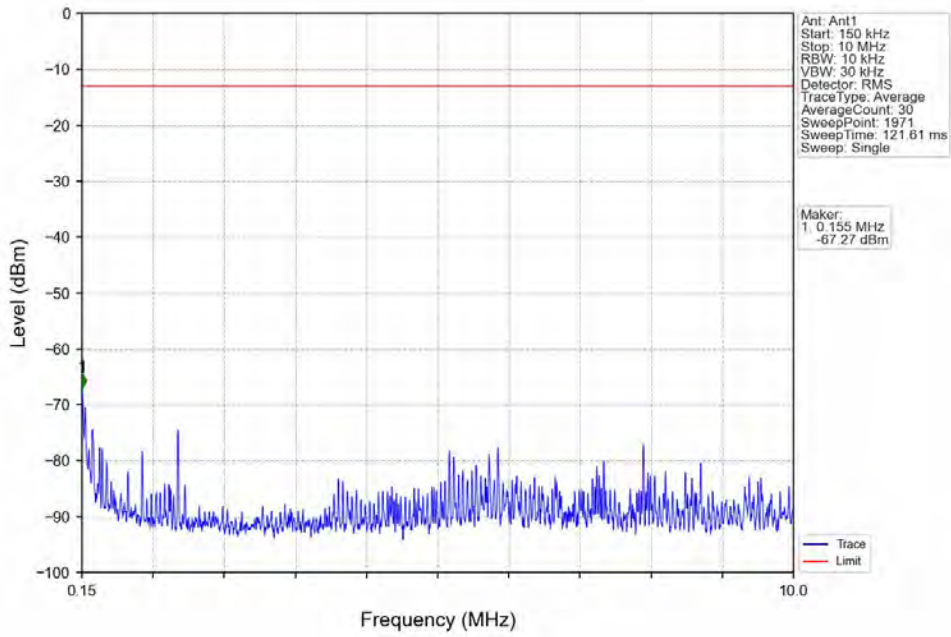
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



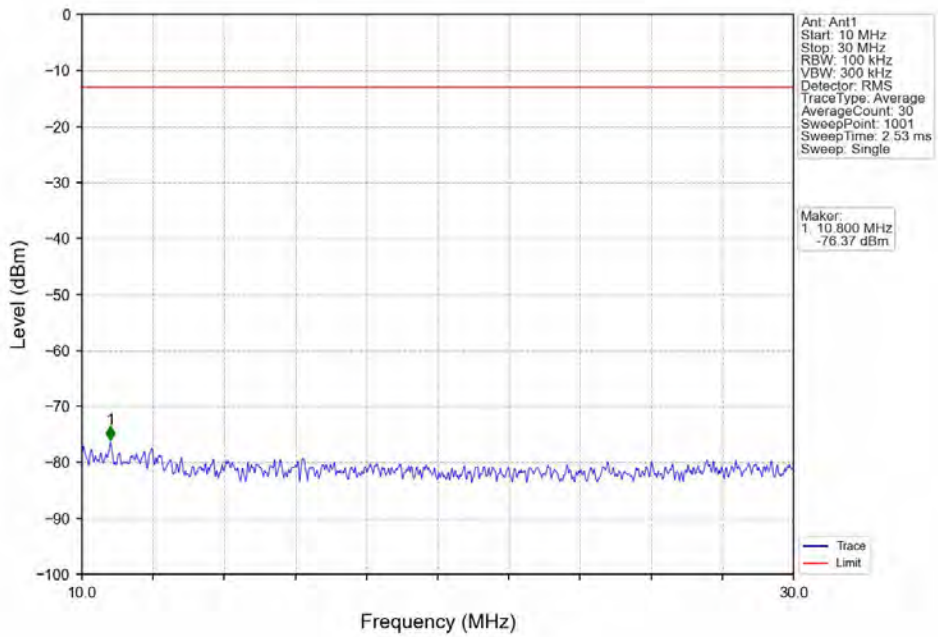
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



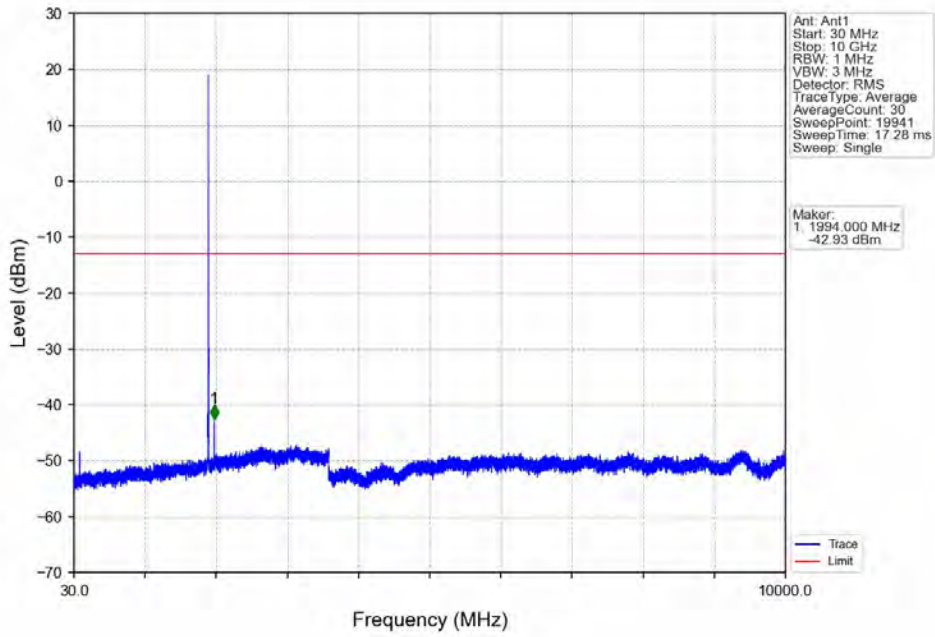
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



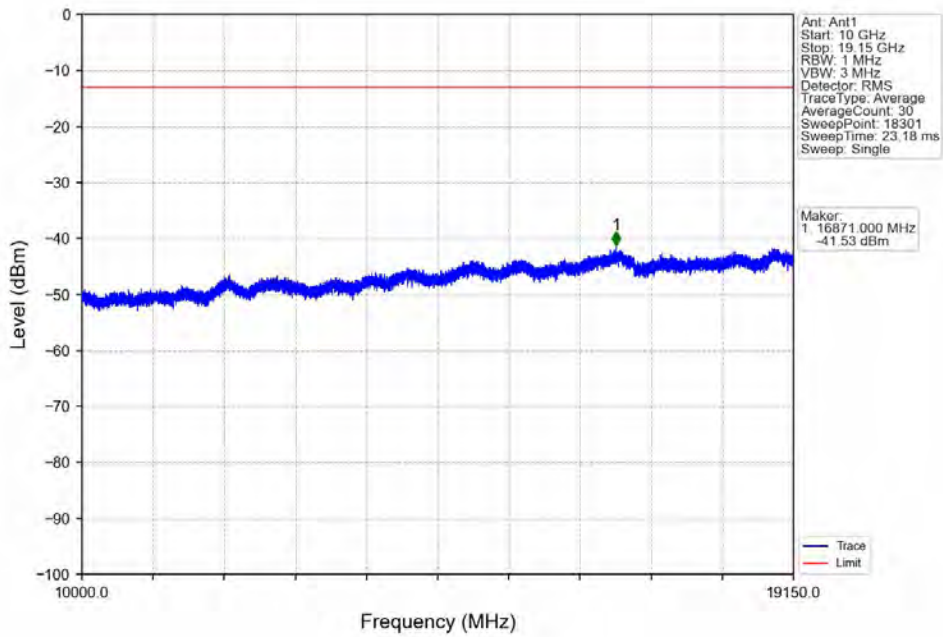
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



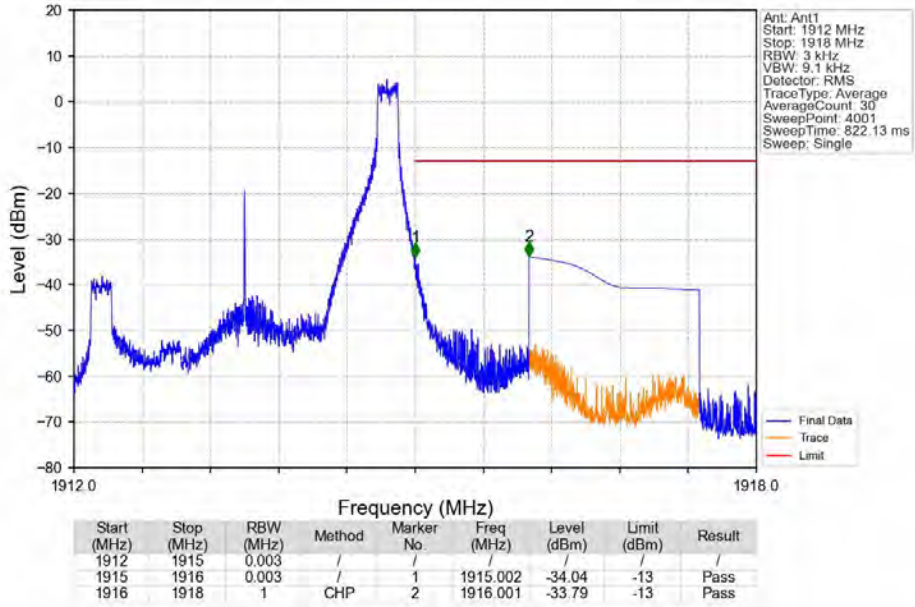
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



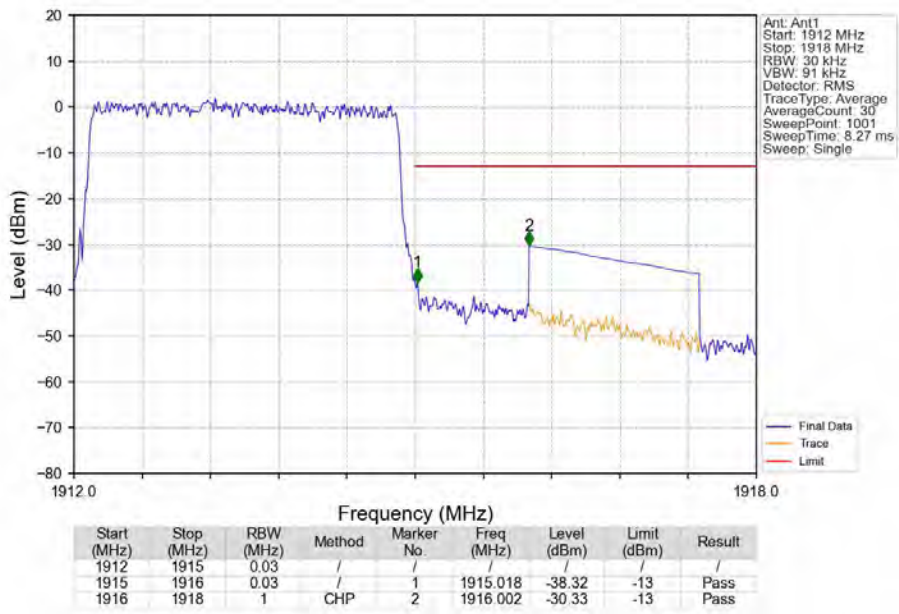
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_14_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

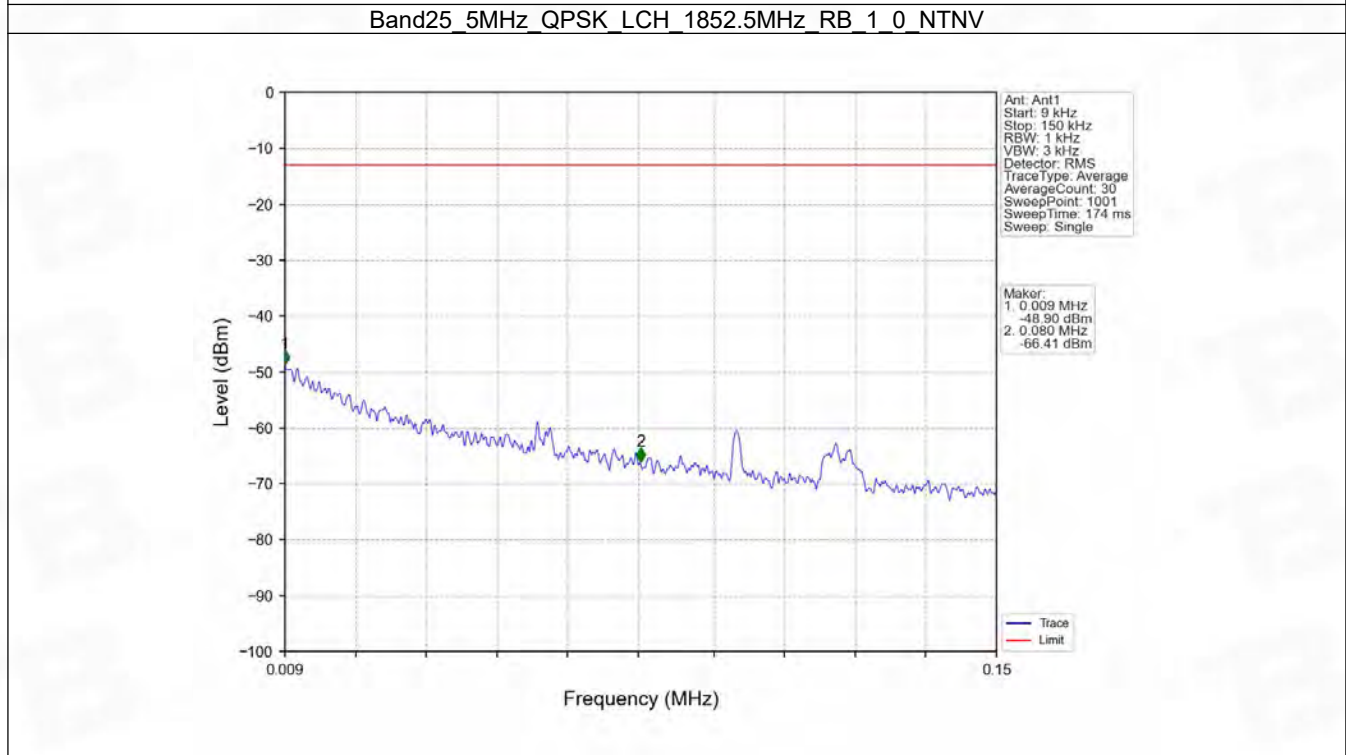
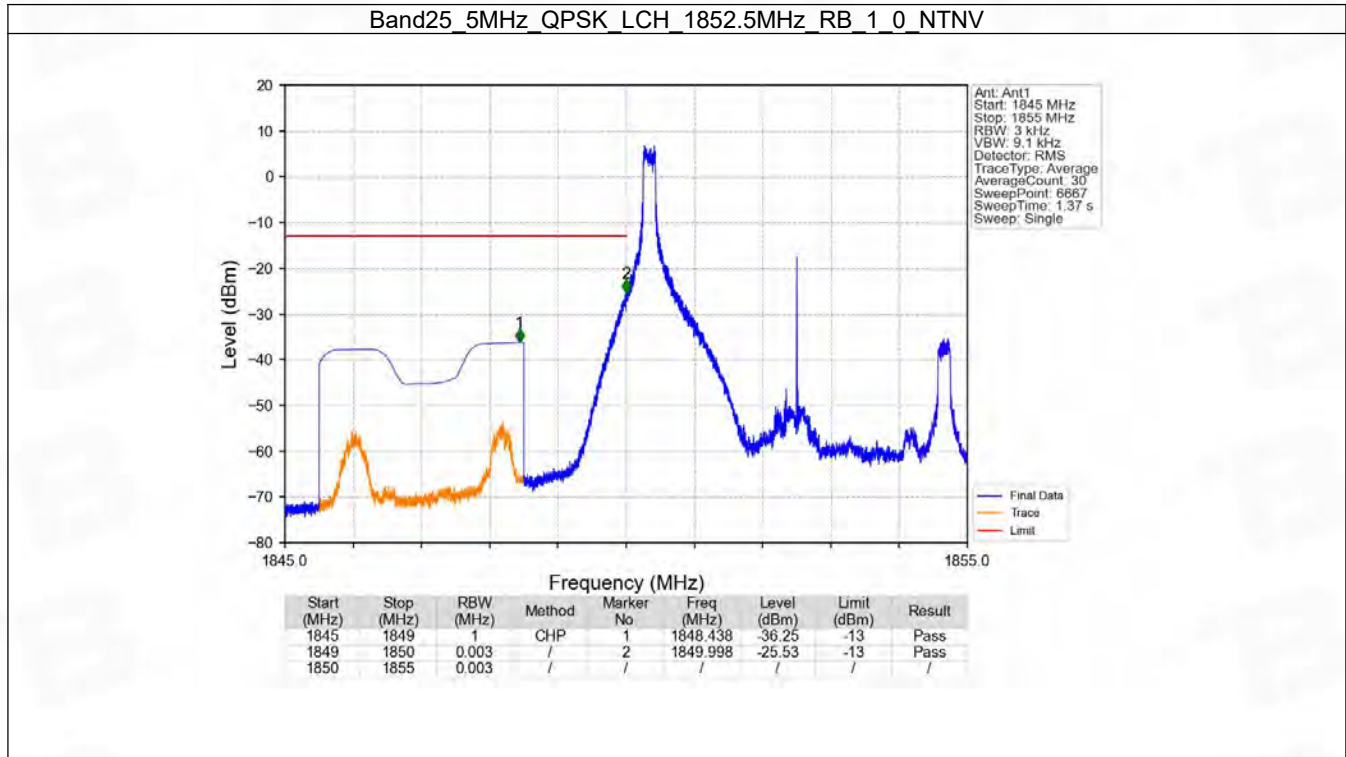


6.3 B25_5MHz

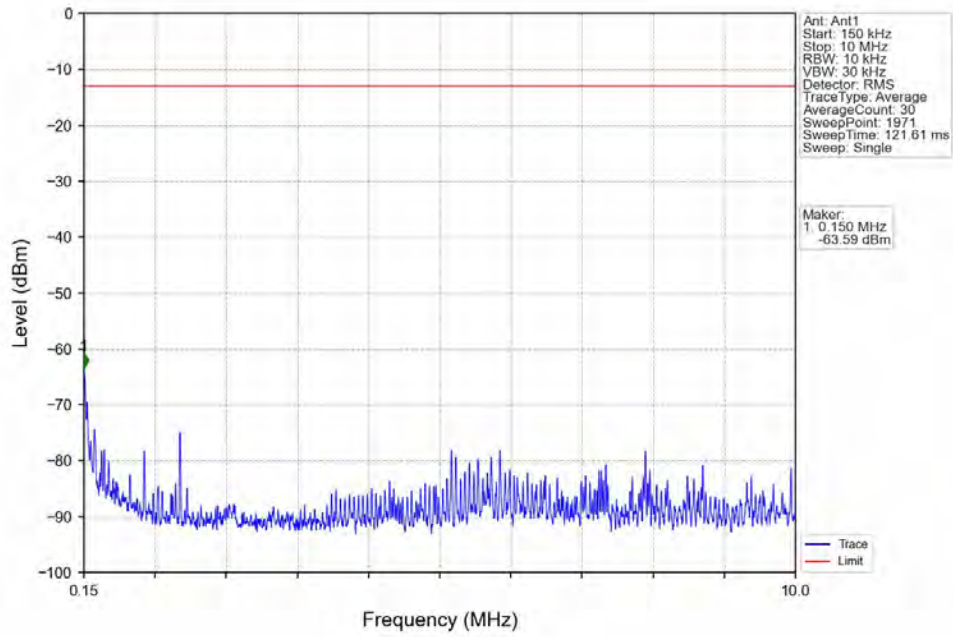
6.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV							
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	
	1912.5	1882.5	1	0	Refer To Test Graph		Pass
		1912.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
				0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1912.5	1882.5	1	0	Refer To Test Graph		Pass
		1912.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
				0	Refer To Test Graph		Pass

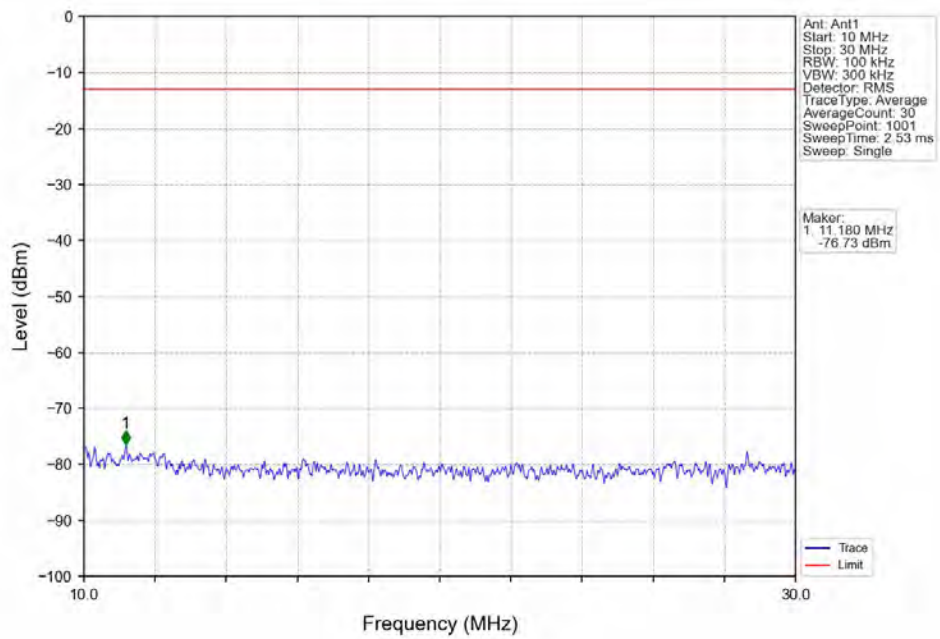
6.3.2 Test Graph



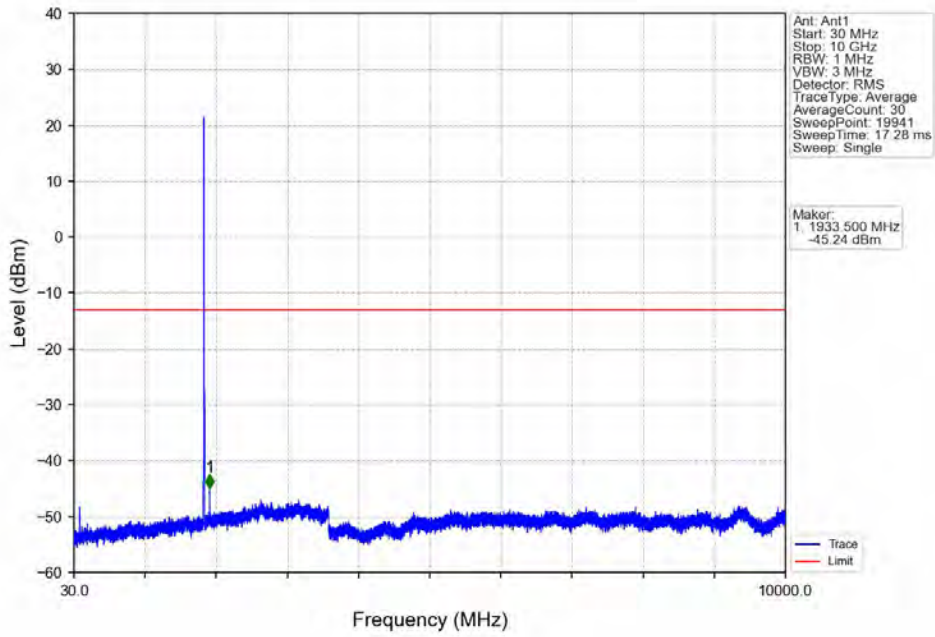
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



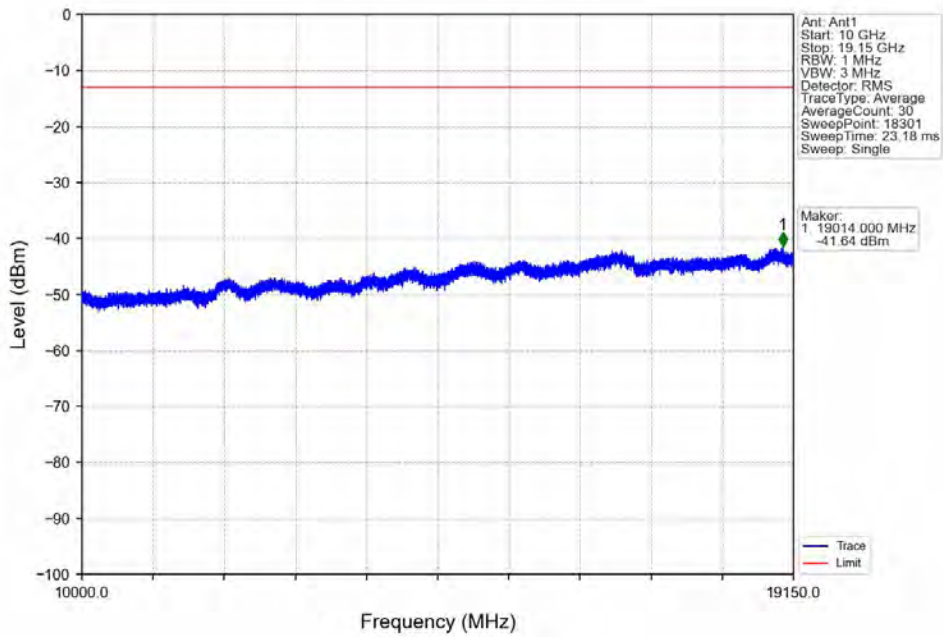
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



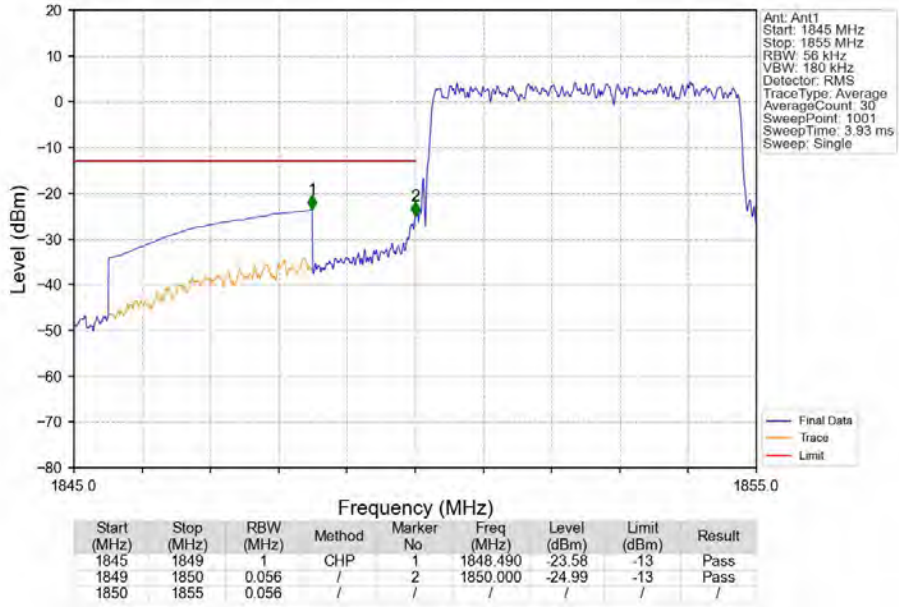
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



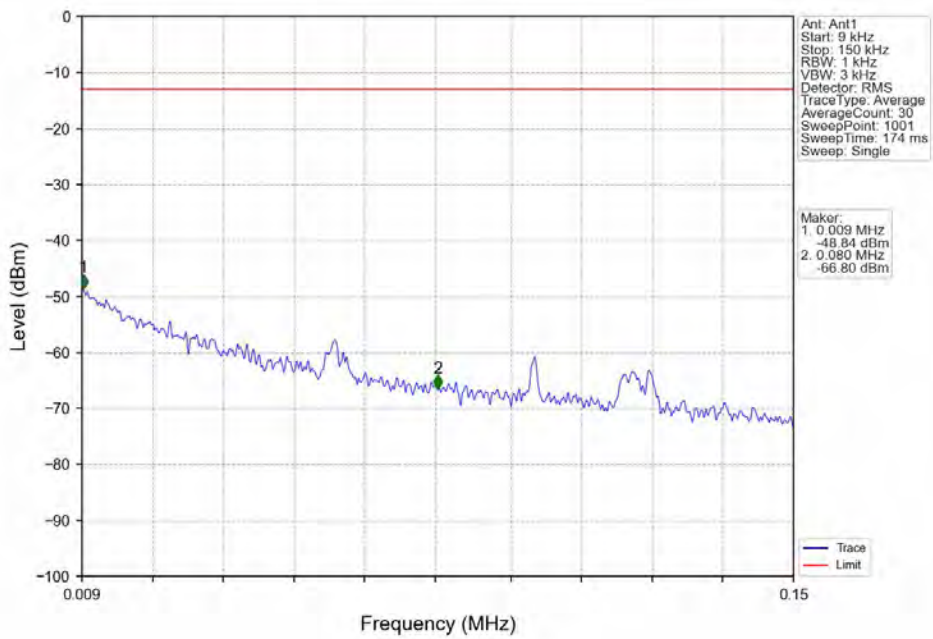
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



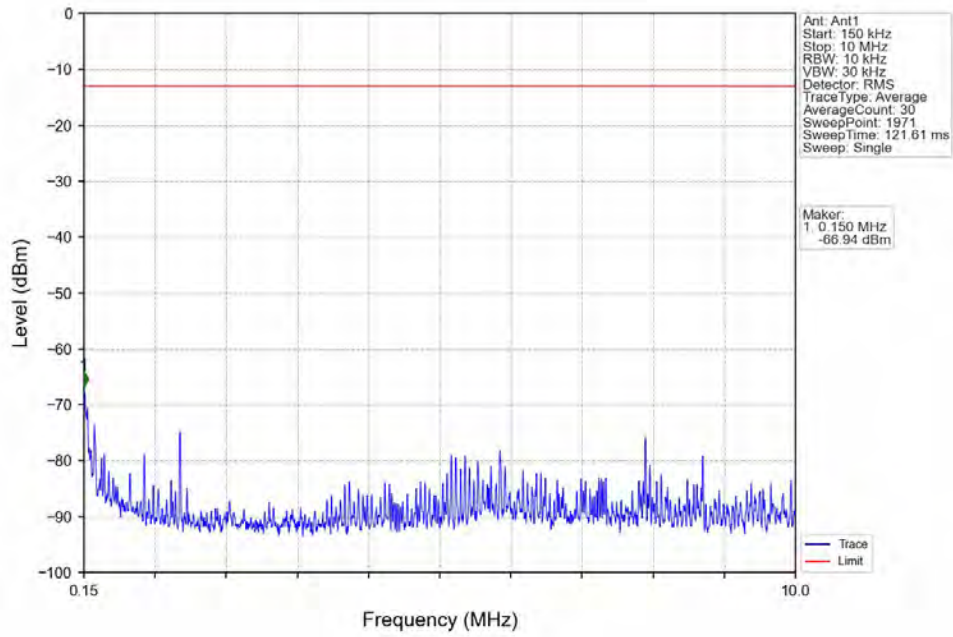
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



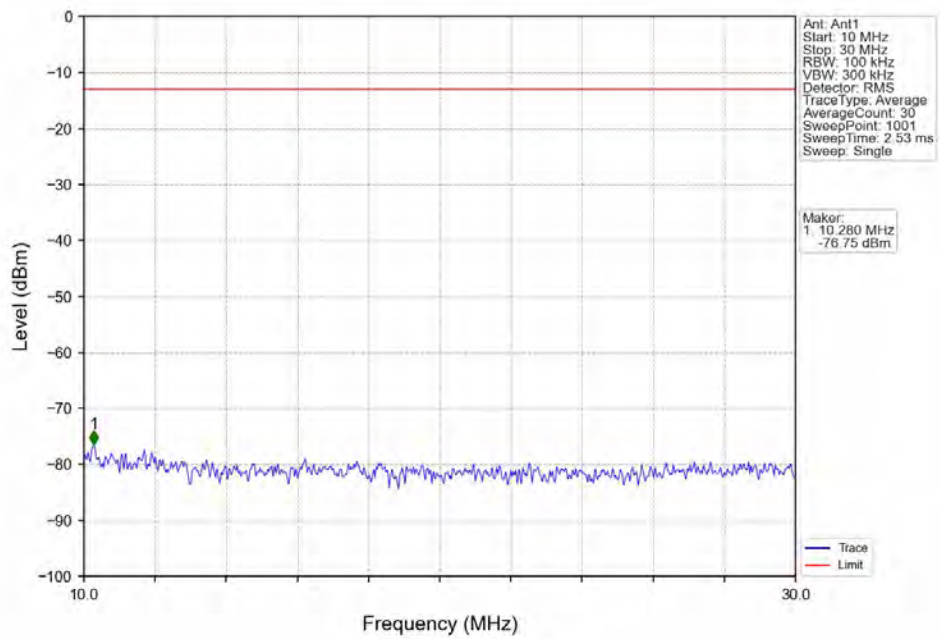
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



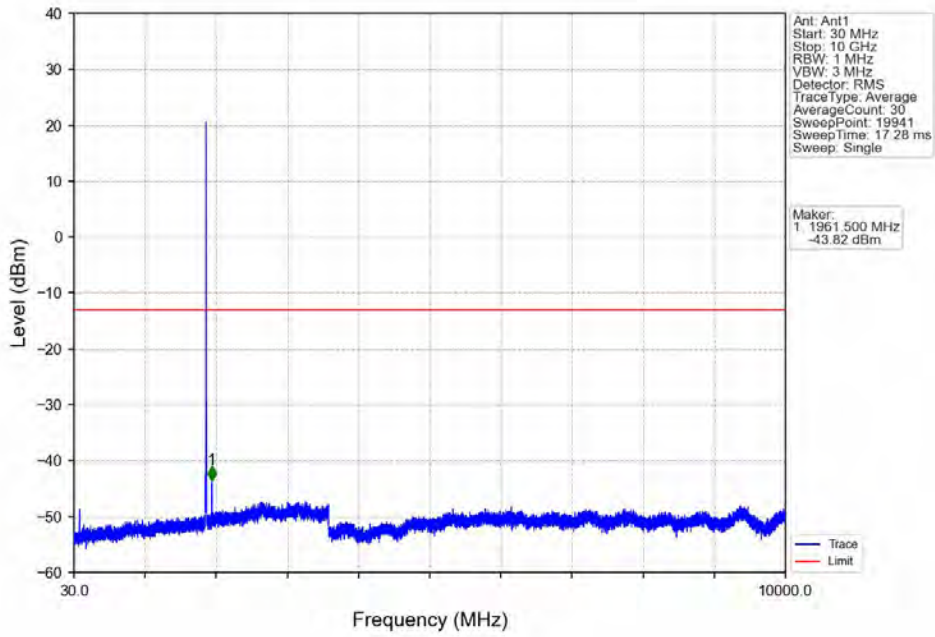
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



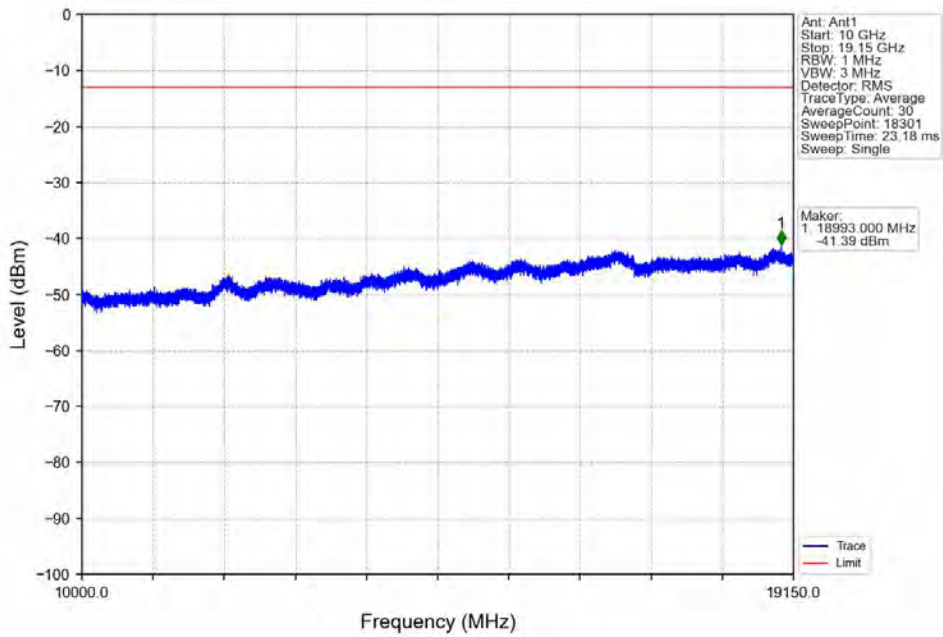
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



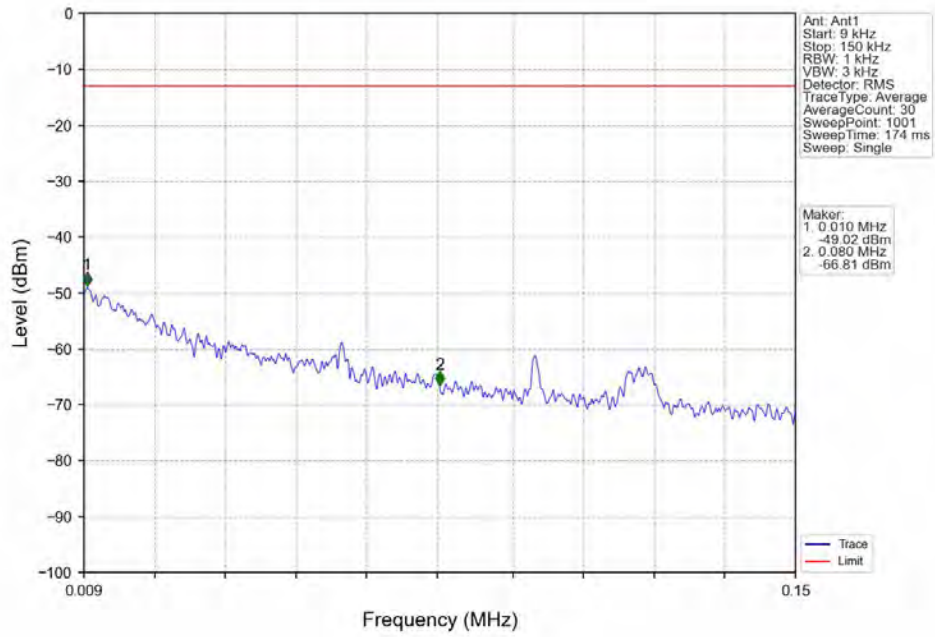
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



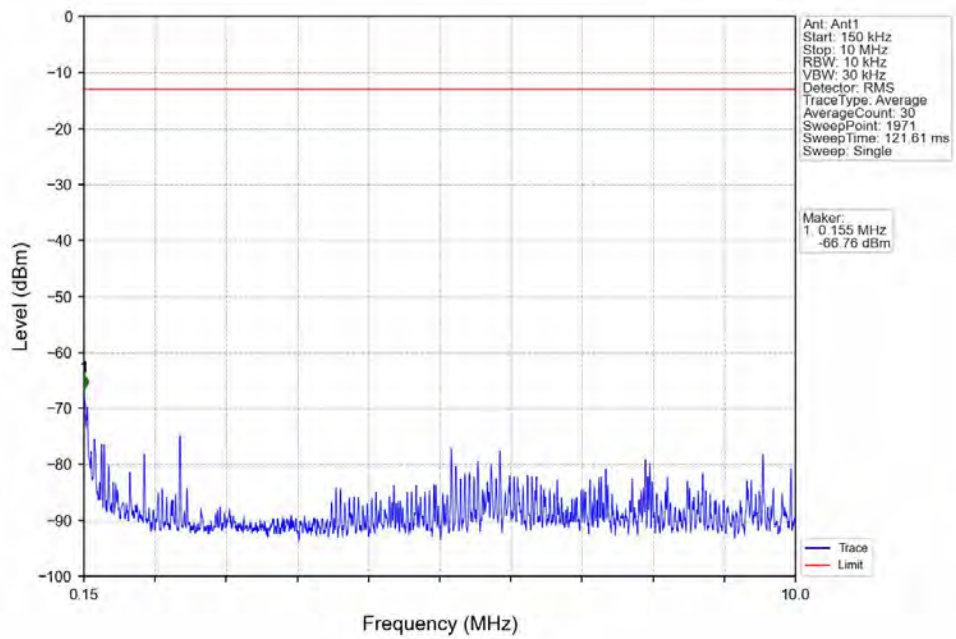
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



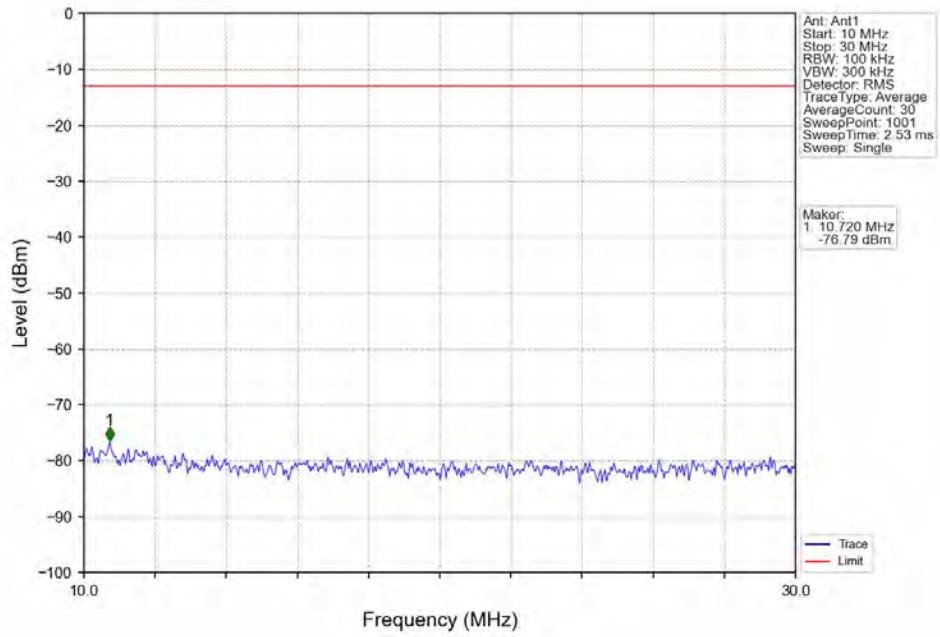
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



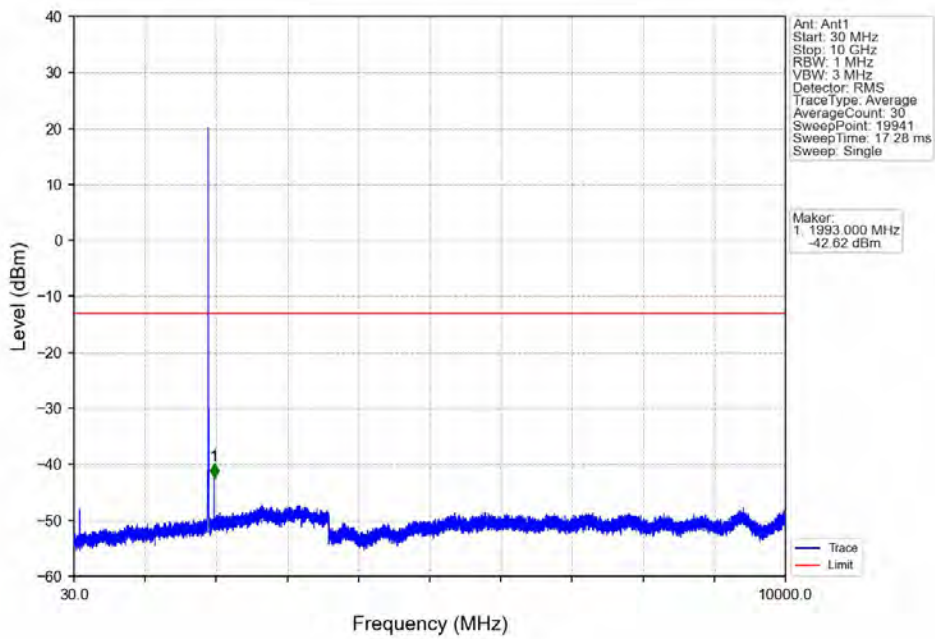
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



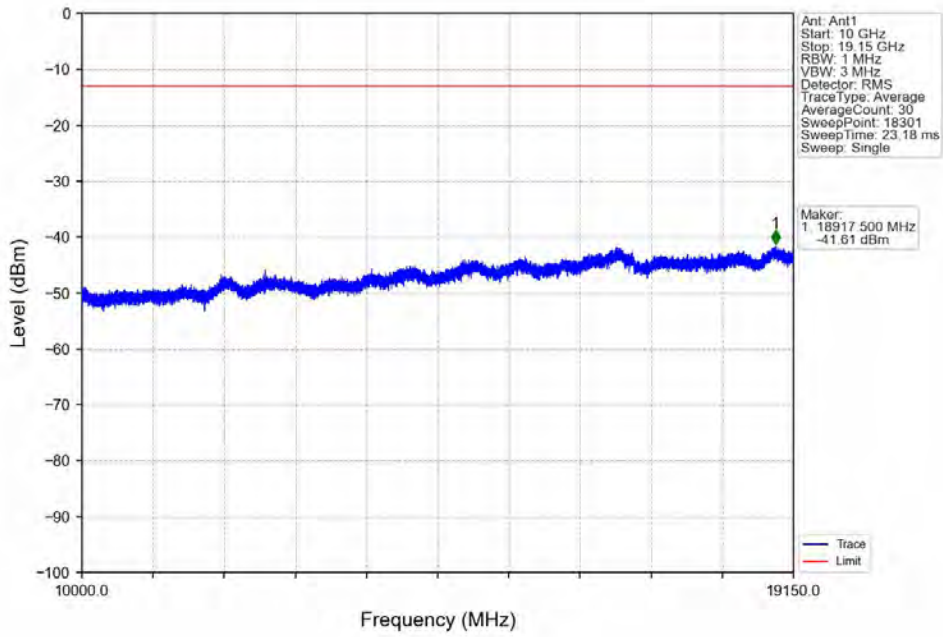
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



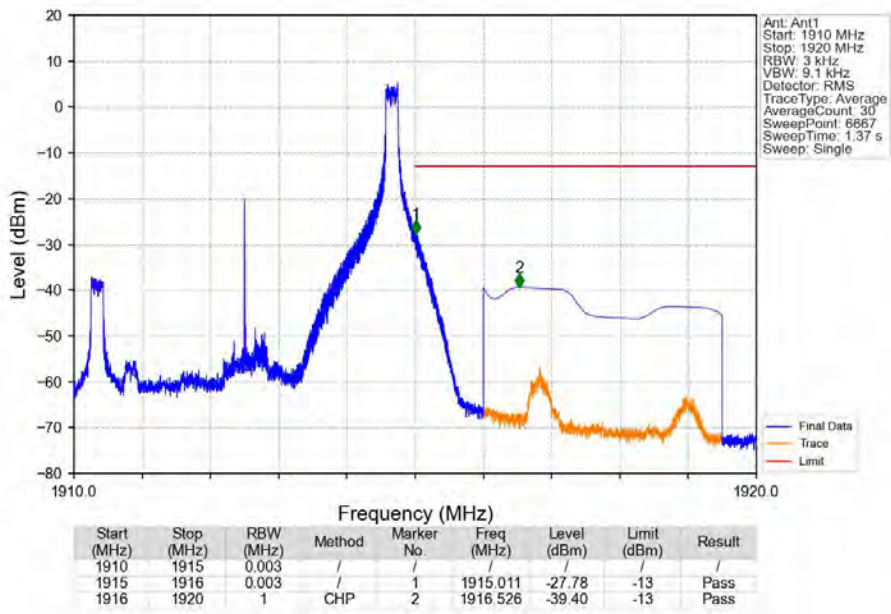
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



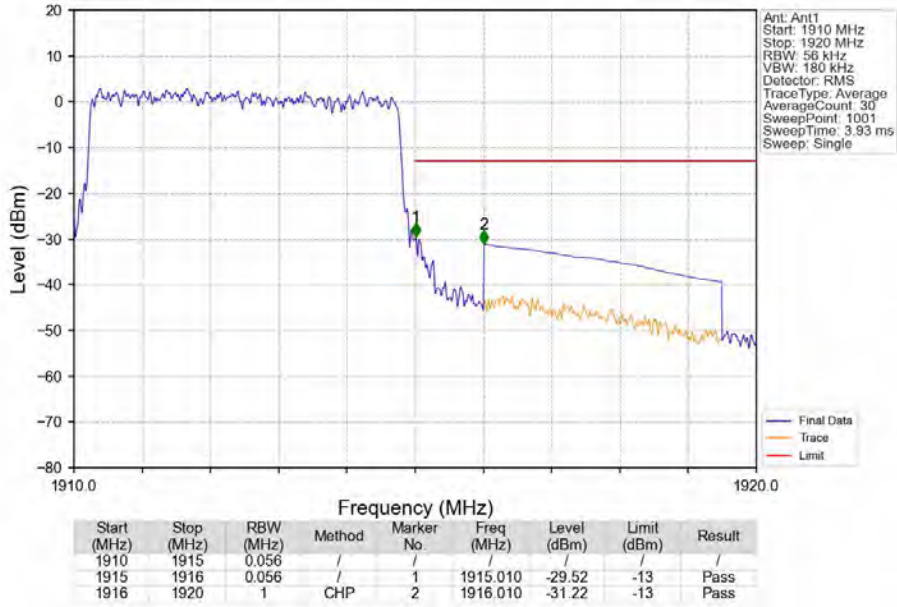
Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTNV



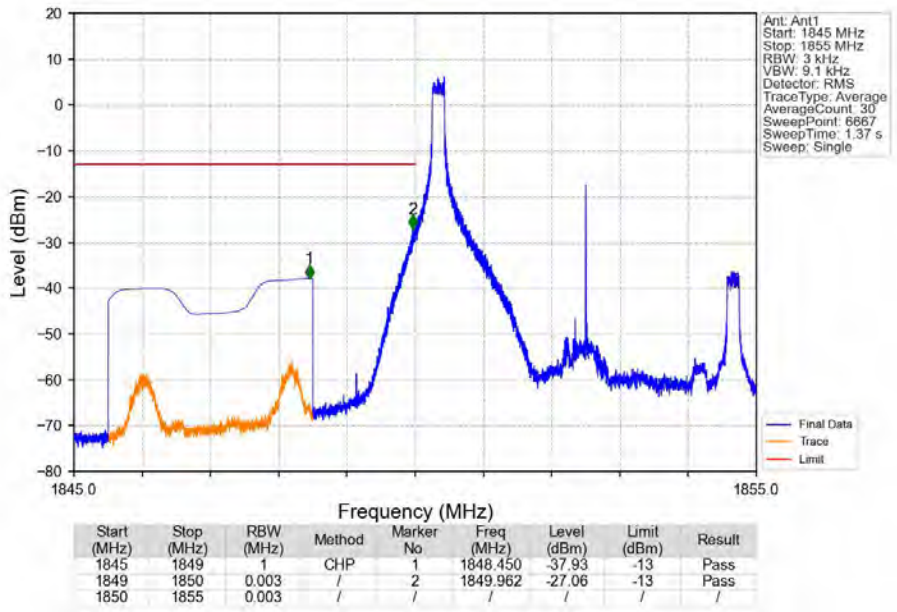
Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTNV



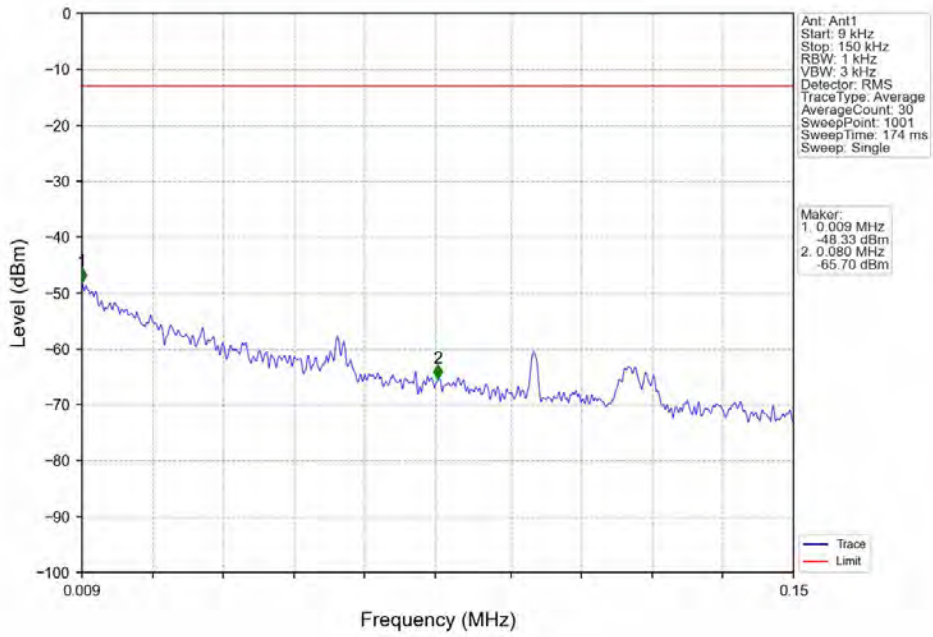
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



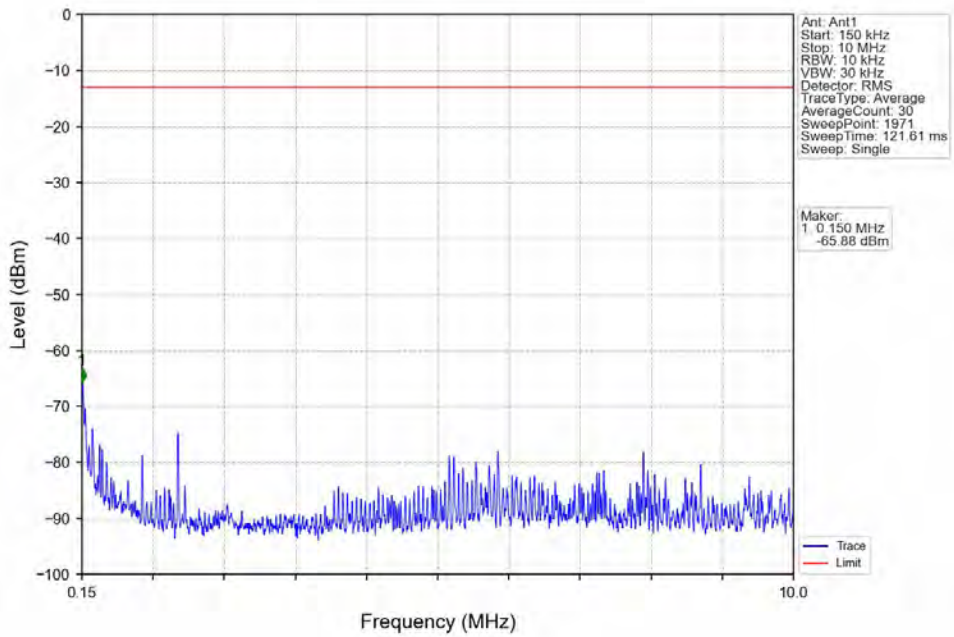
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



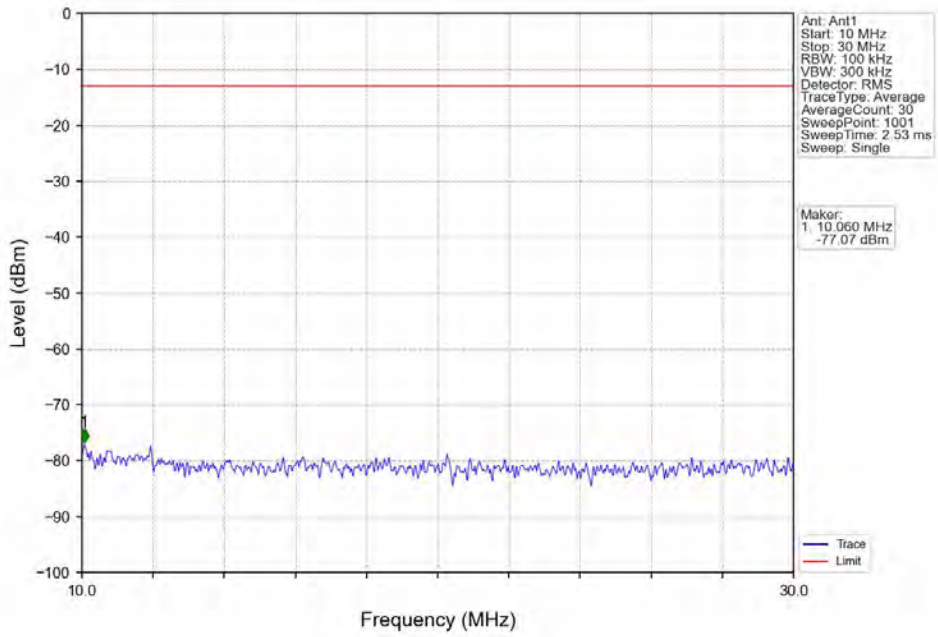
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



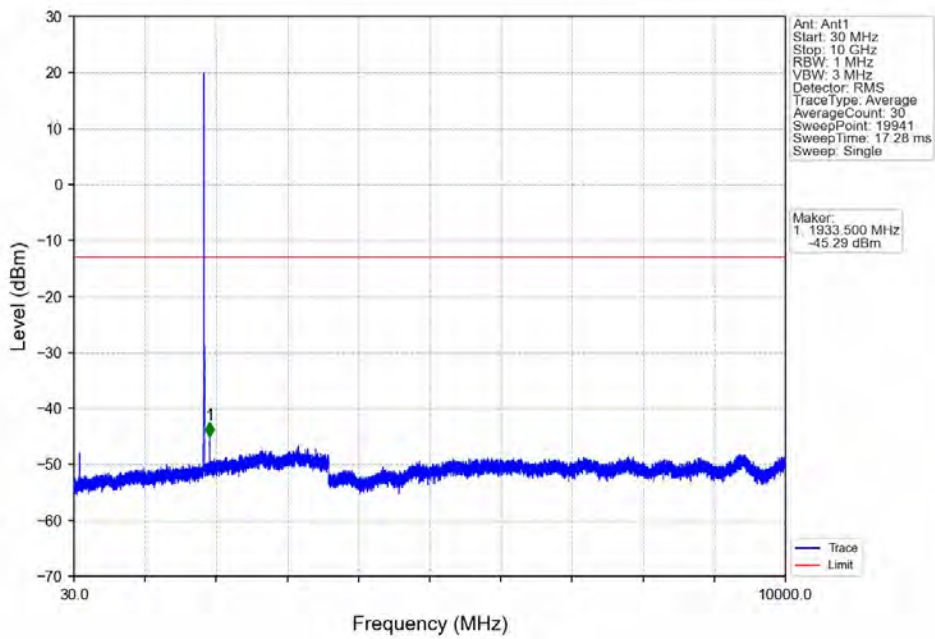
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



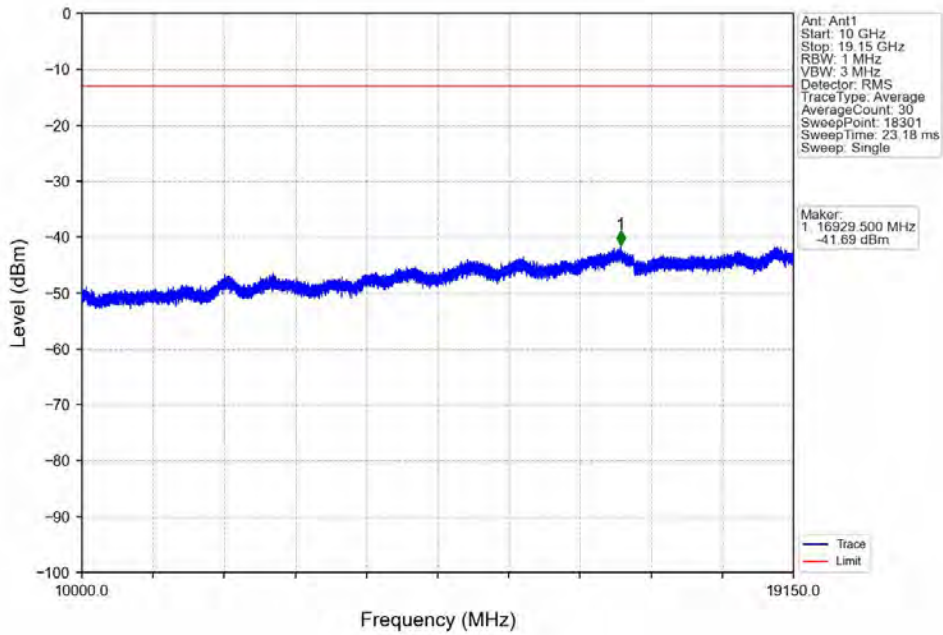
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



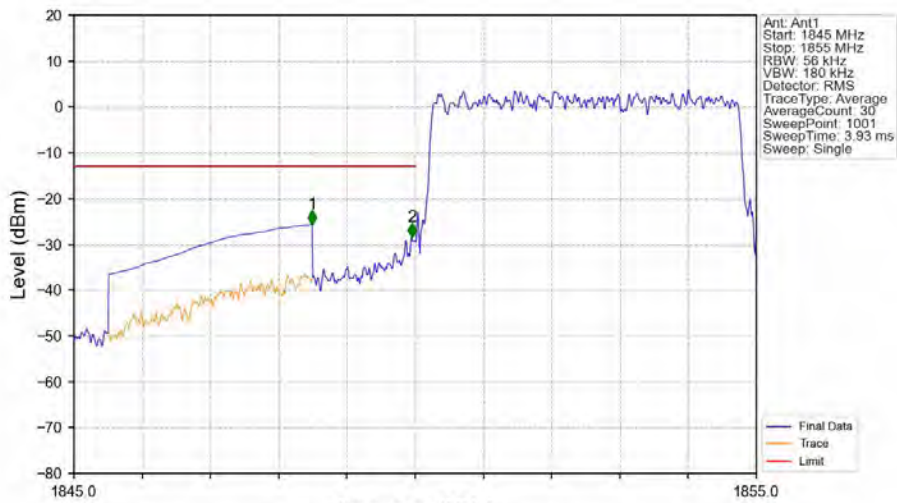
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

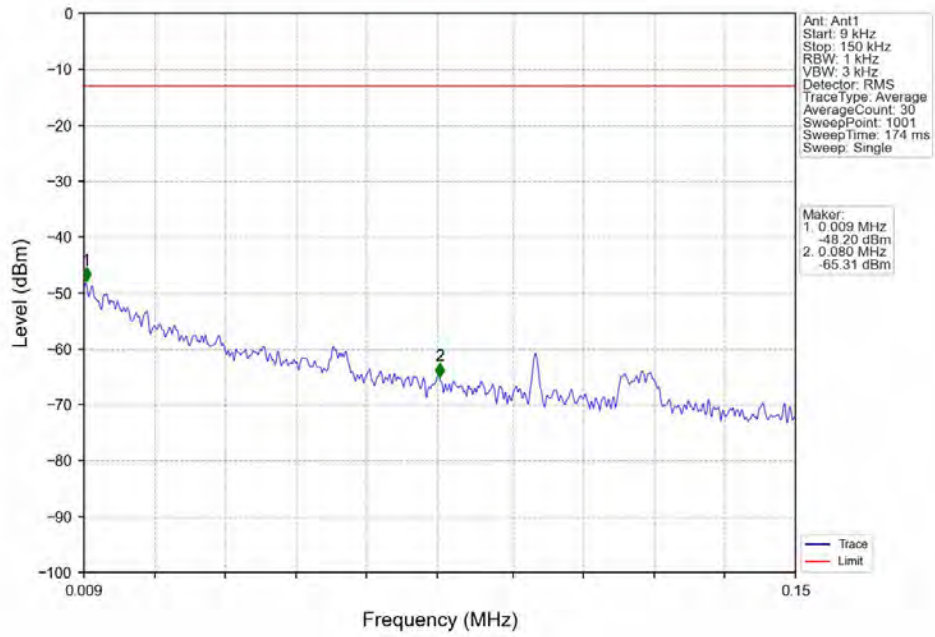


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

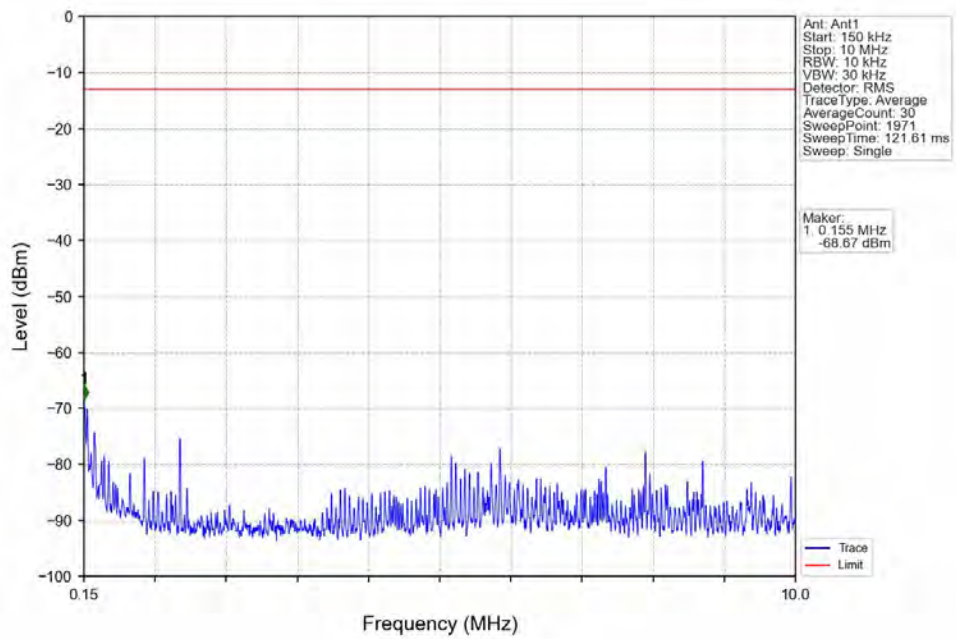


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-25.59	-13	Pass
1849	1850	0.056	/	2	1849.950	-28.44	/	Pass
1850	1855	0.056	/	/	/	/	/	/

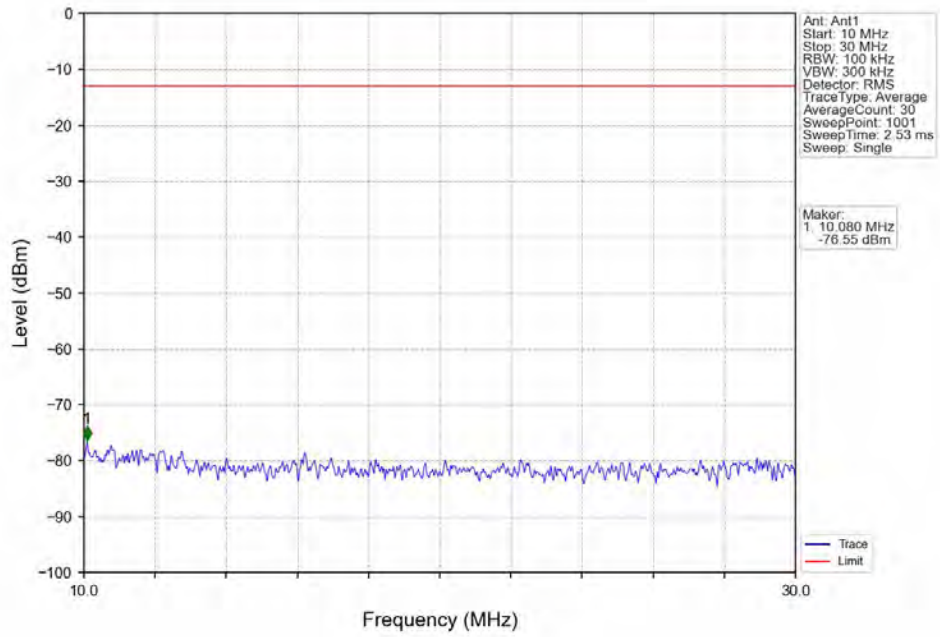
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



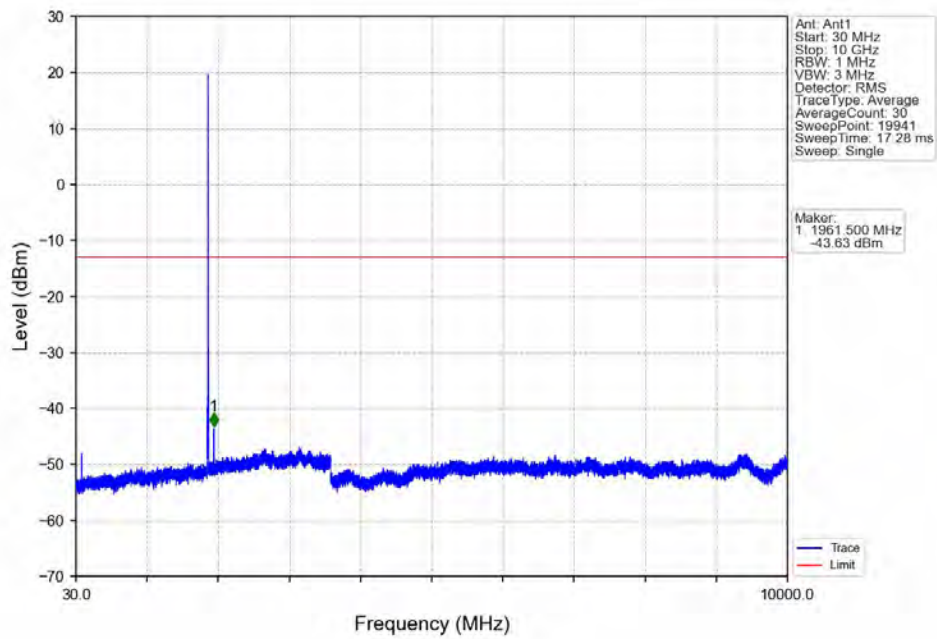
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



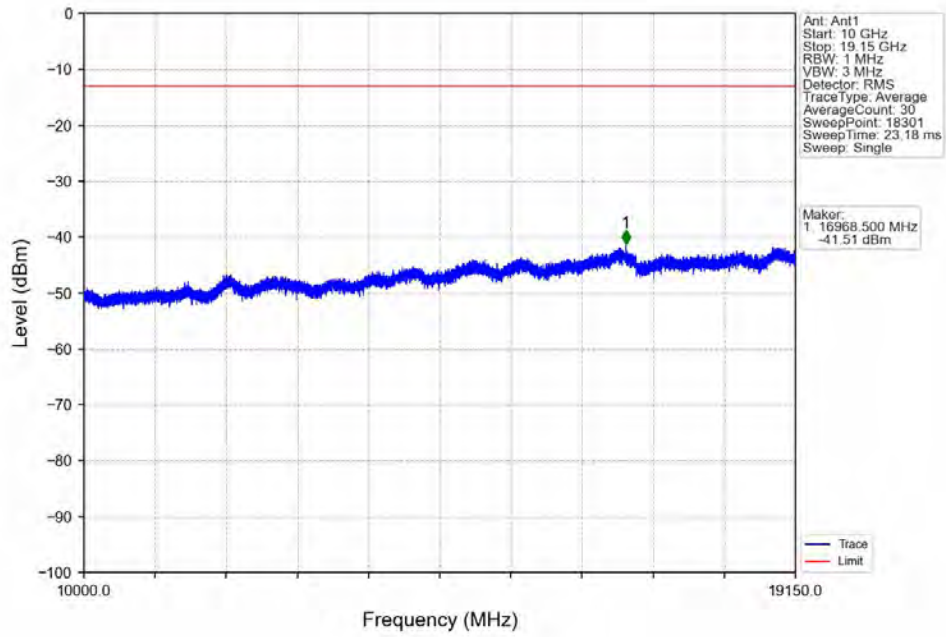
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



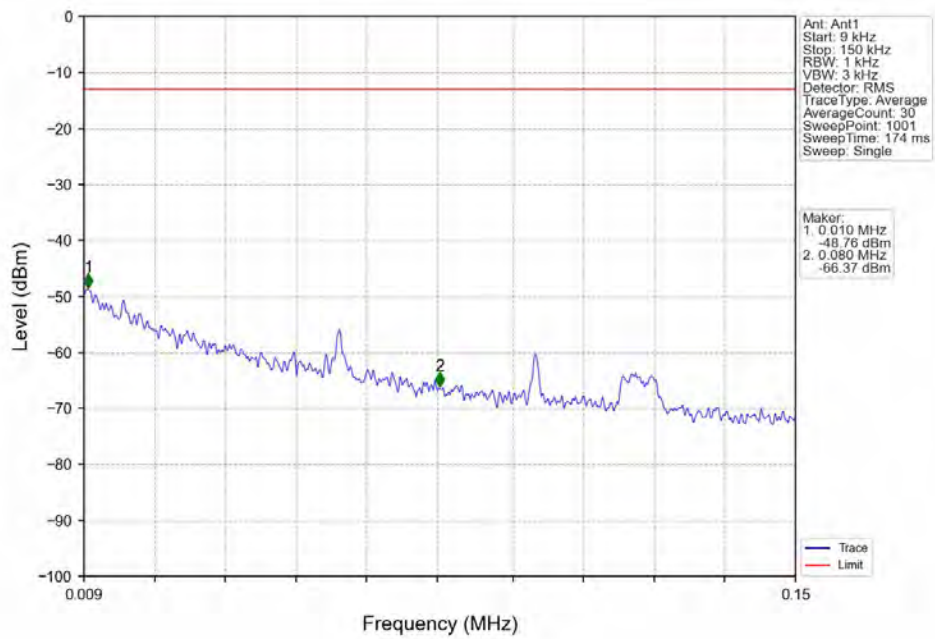
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



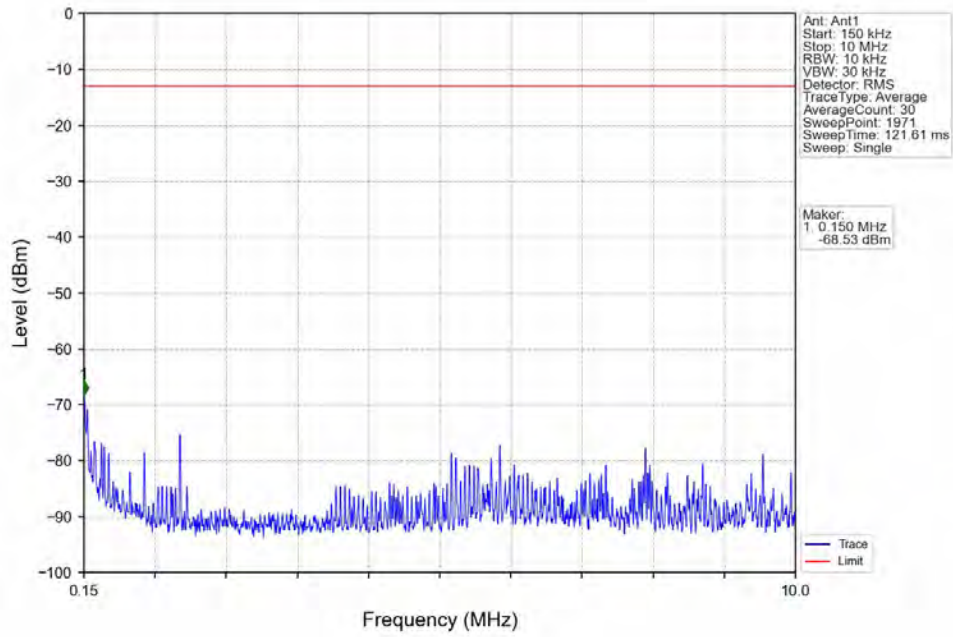
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



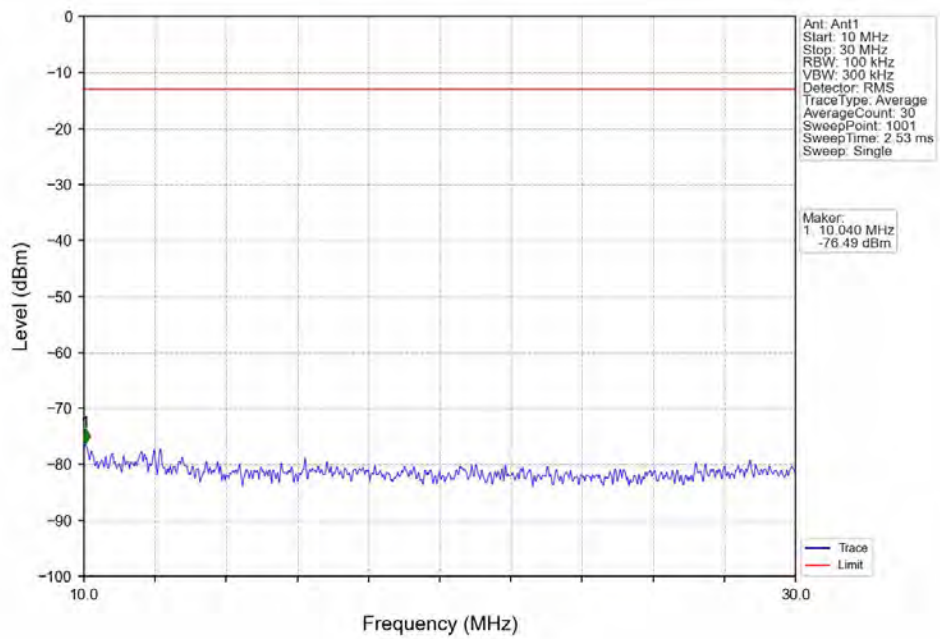
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTV



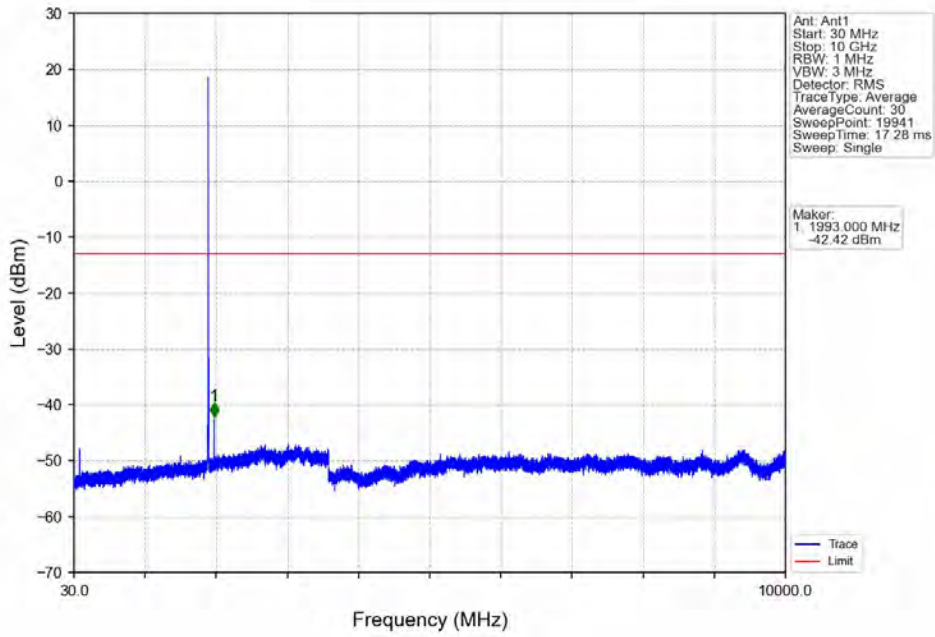
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



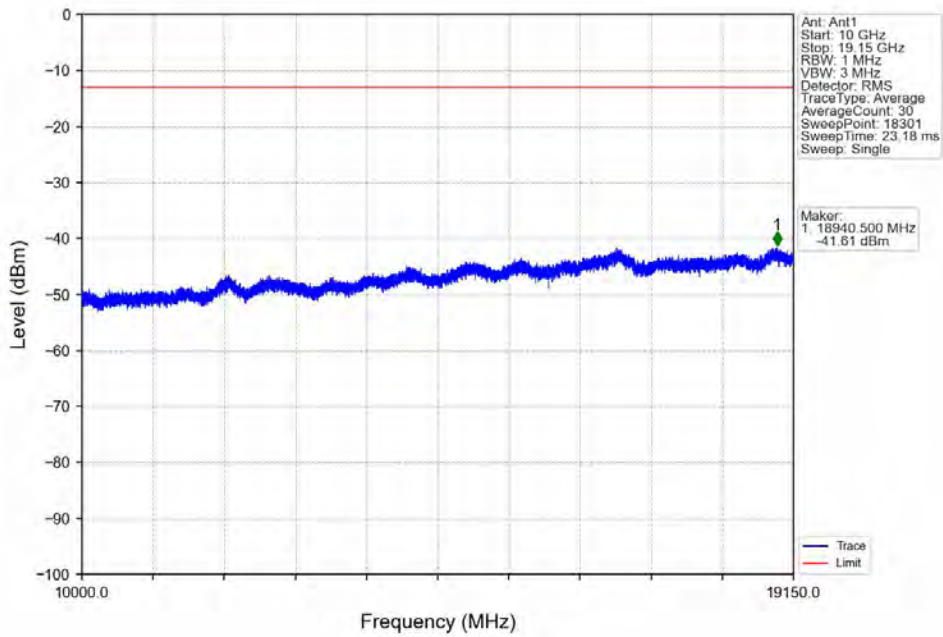
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_0_NTNV



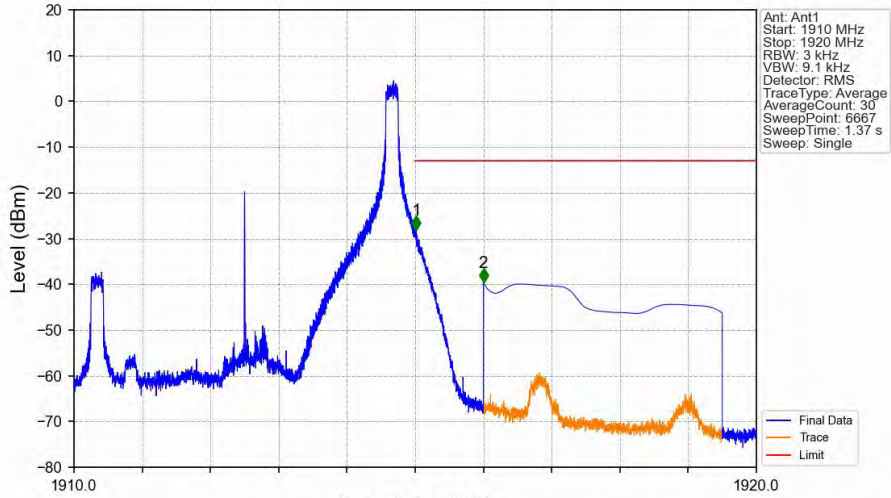
Band25 5MHz 16QAM HCH 1912.5MHz RB 1 0 NTV



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

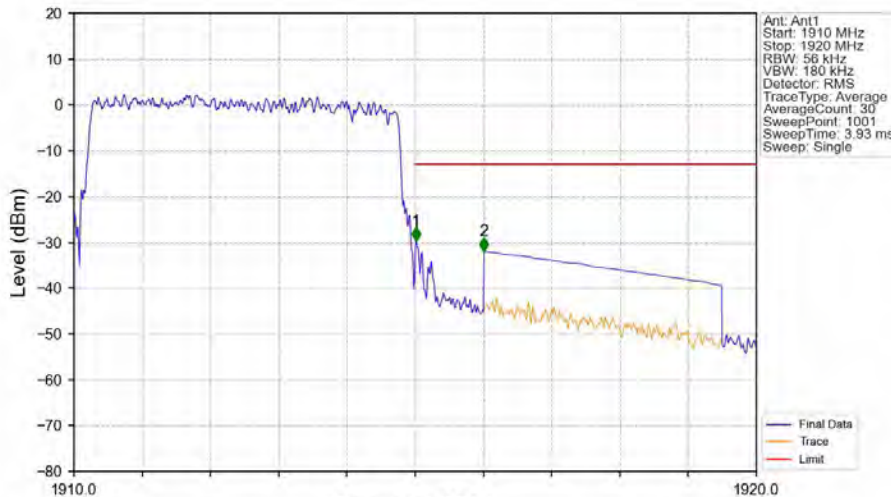


Band25_5MHz_16QAM_HCH_1912.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.015	-28.10	-13	Pass
1916	1920	1	CHP	2	1916.001	-39.60	-13	Pass

Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



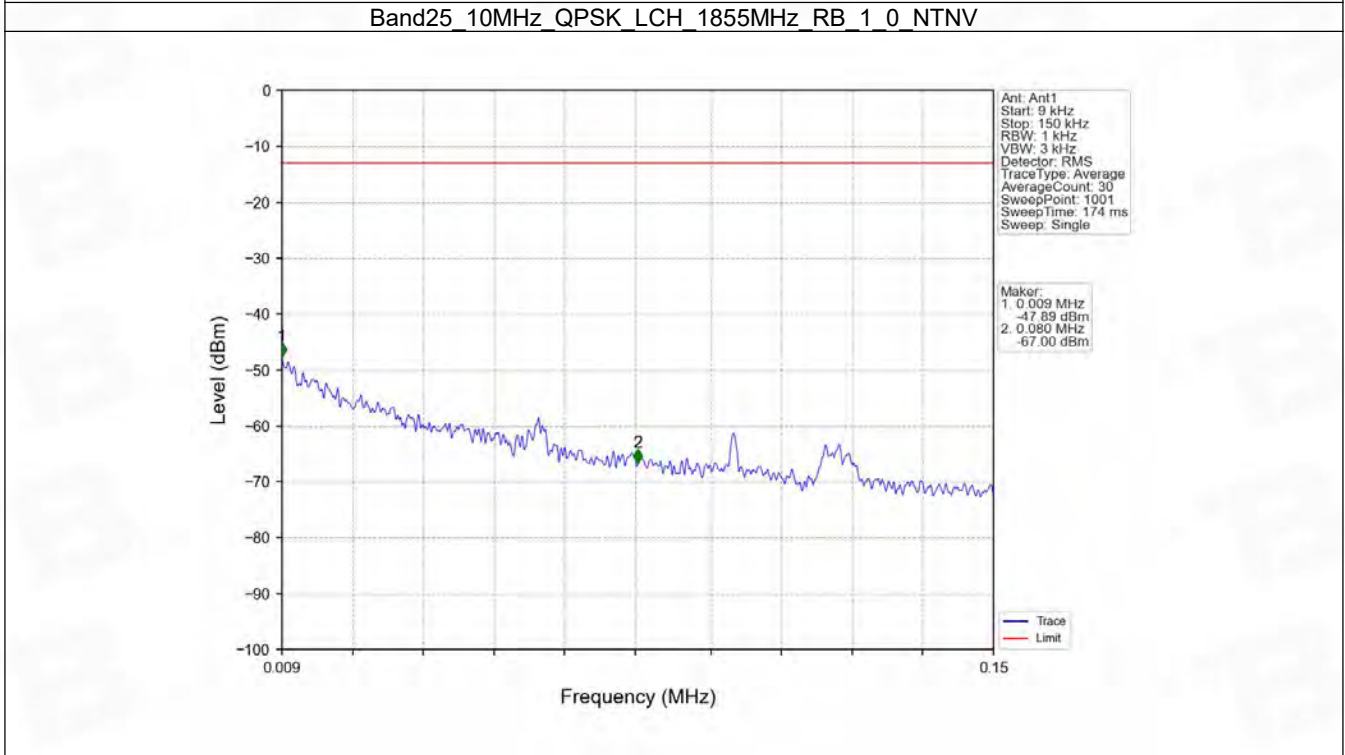
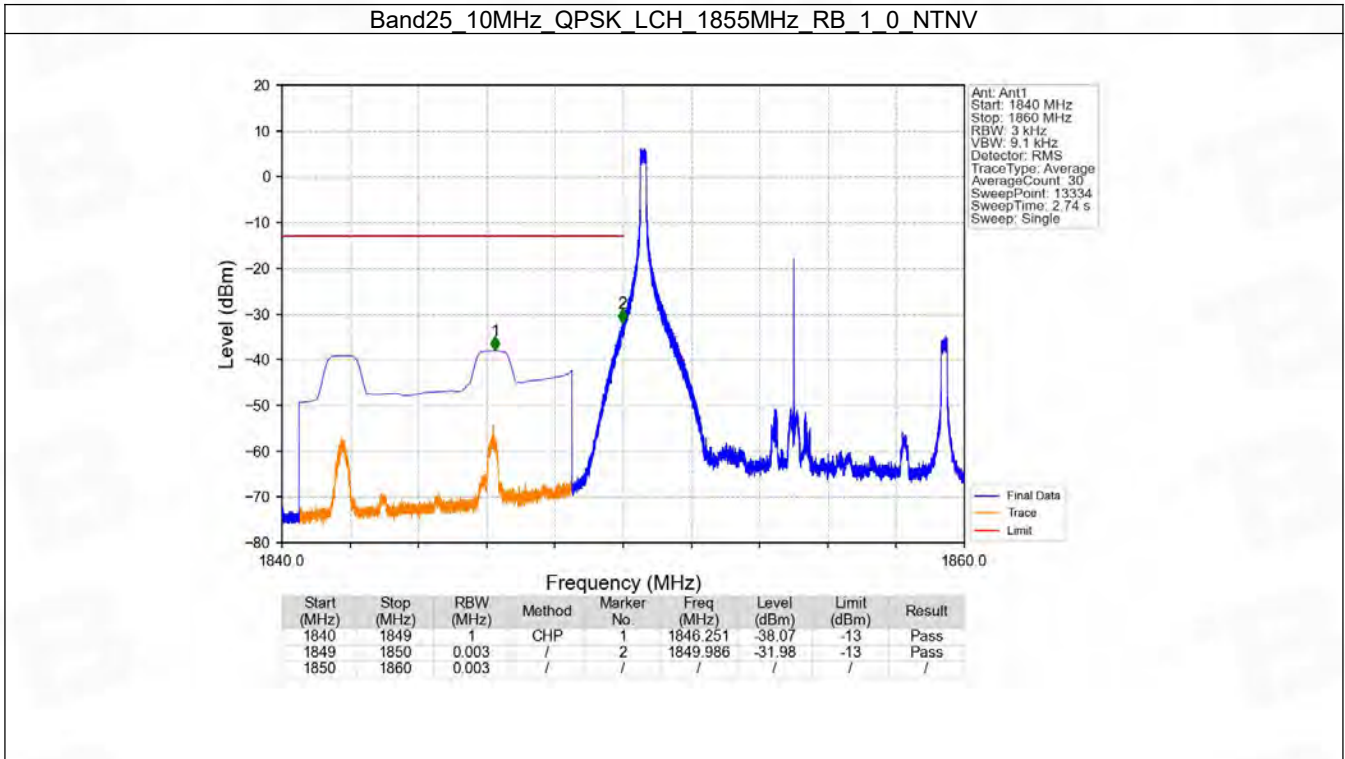
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.056	/	/	/	/	/	/
1915	1916	0.056	/	1	1915.010	-29.79	-13	Pass
1916	1920	1	CHP	2	1916.010	-31.95	-13	Pass

6.4 B25_10MHz

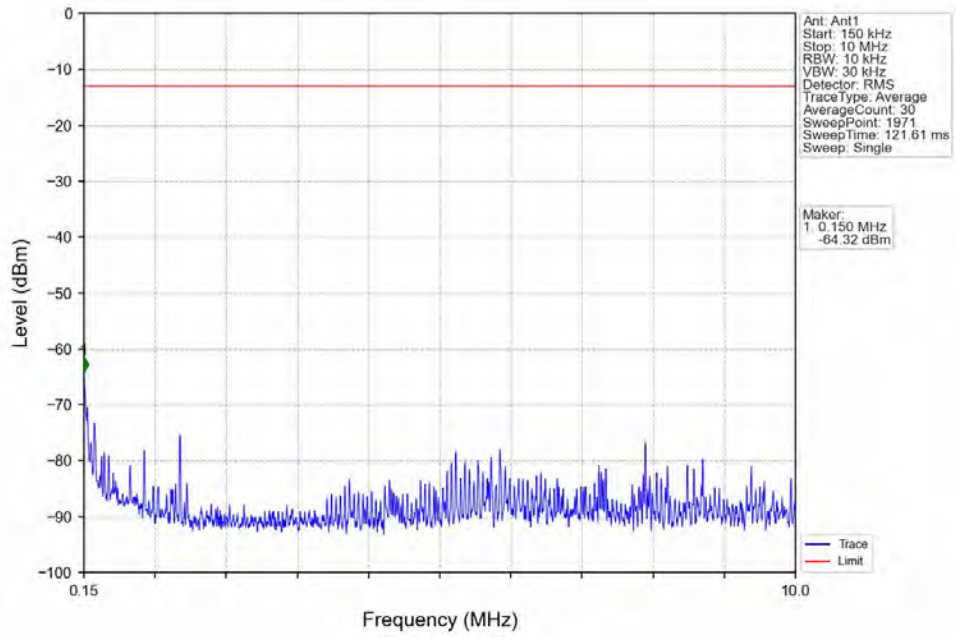
6.4.1 Test Result

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

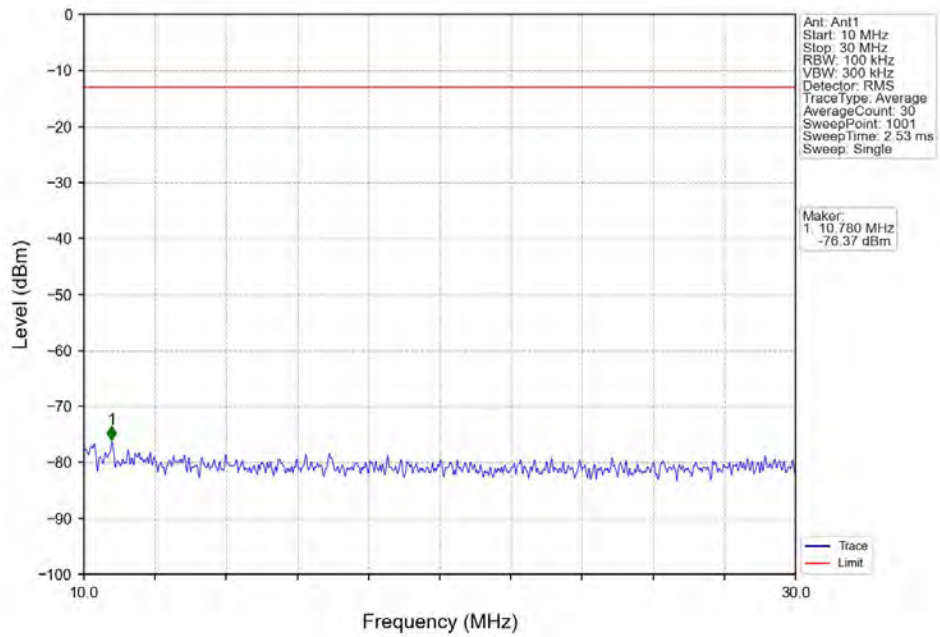
6.4.2 Test Graph



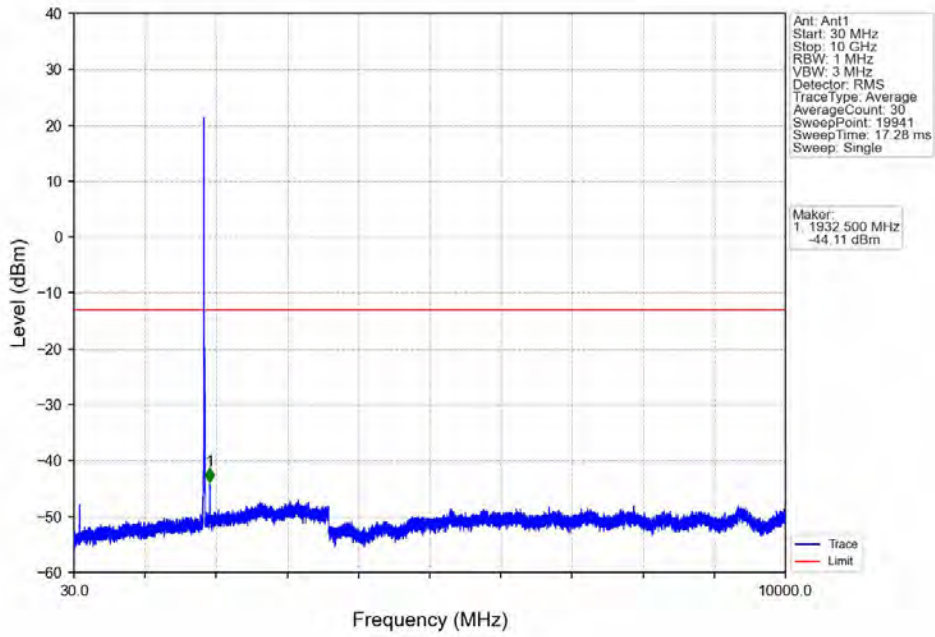
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTV



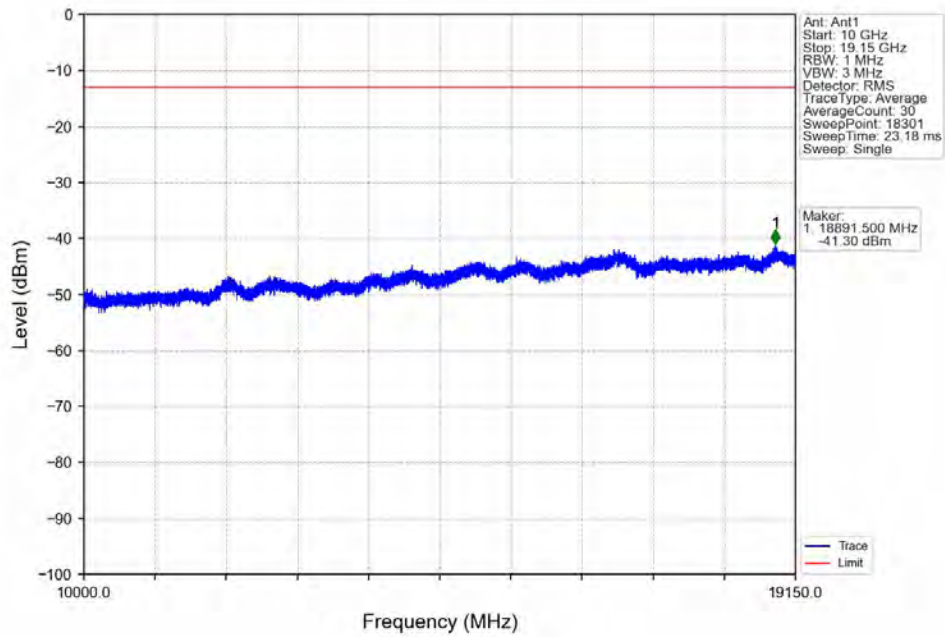
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTV



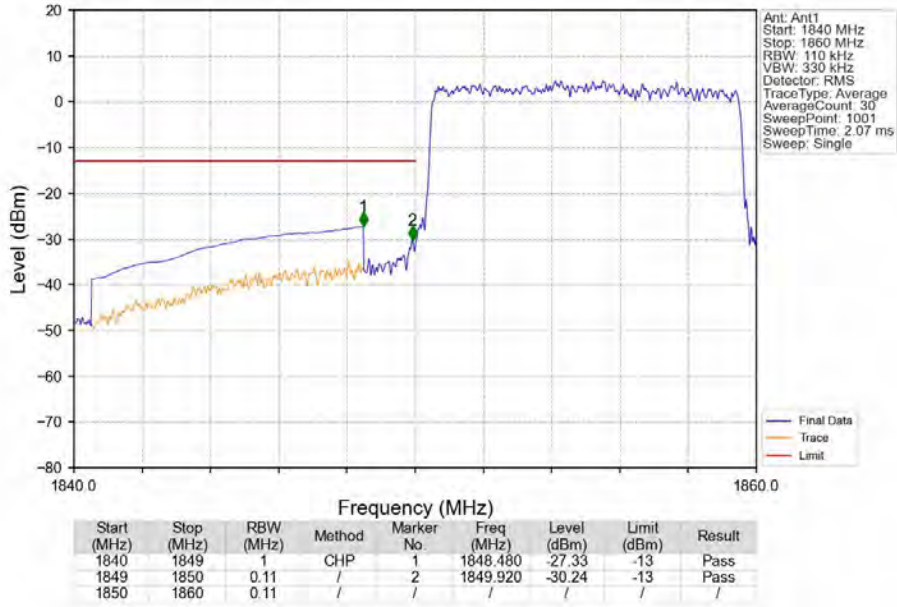
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTN



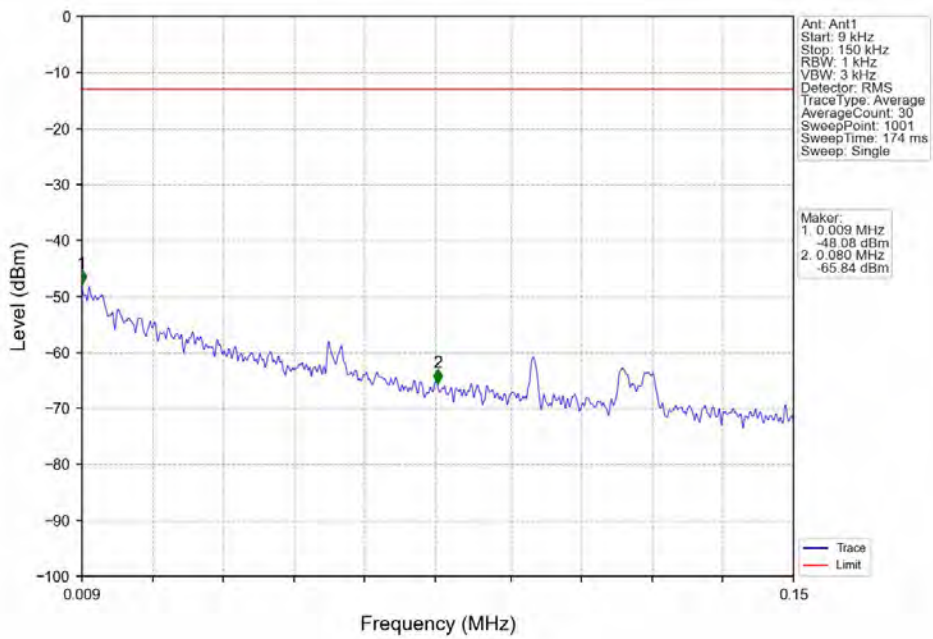
Band25 10MHz QPSK LCH 1855MHz RB 1 0 NTN



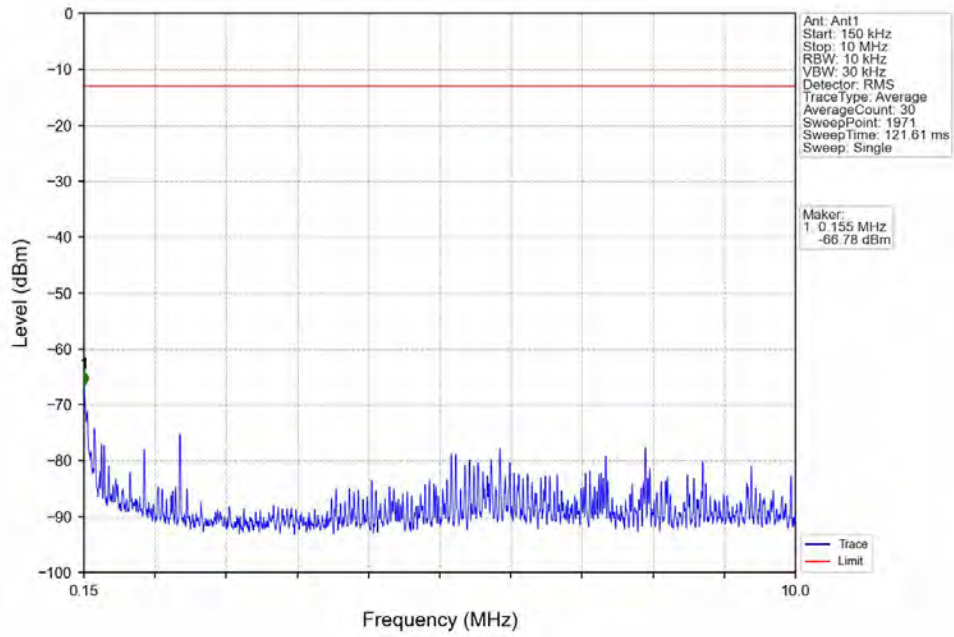
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



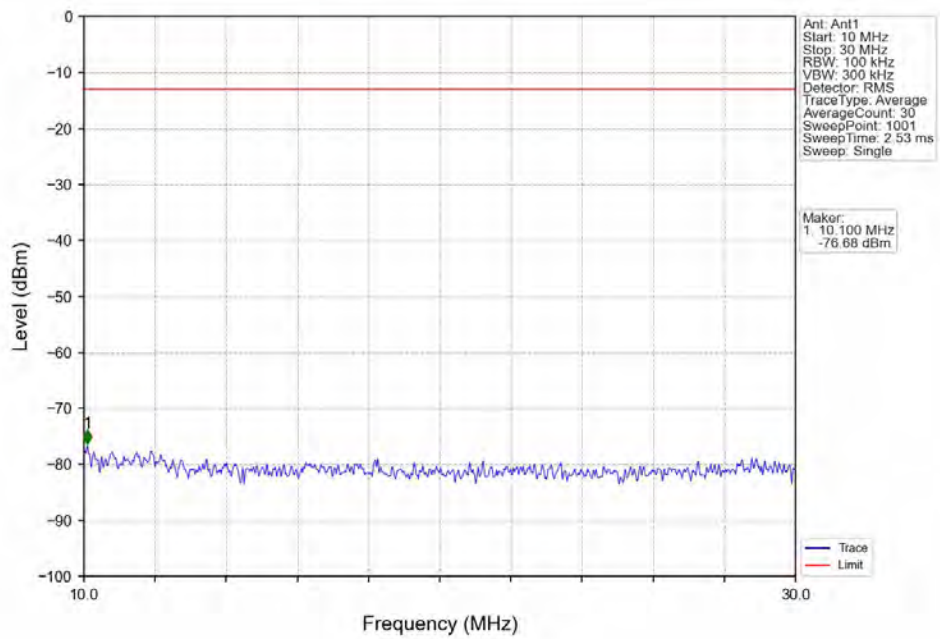
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



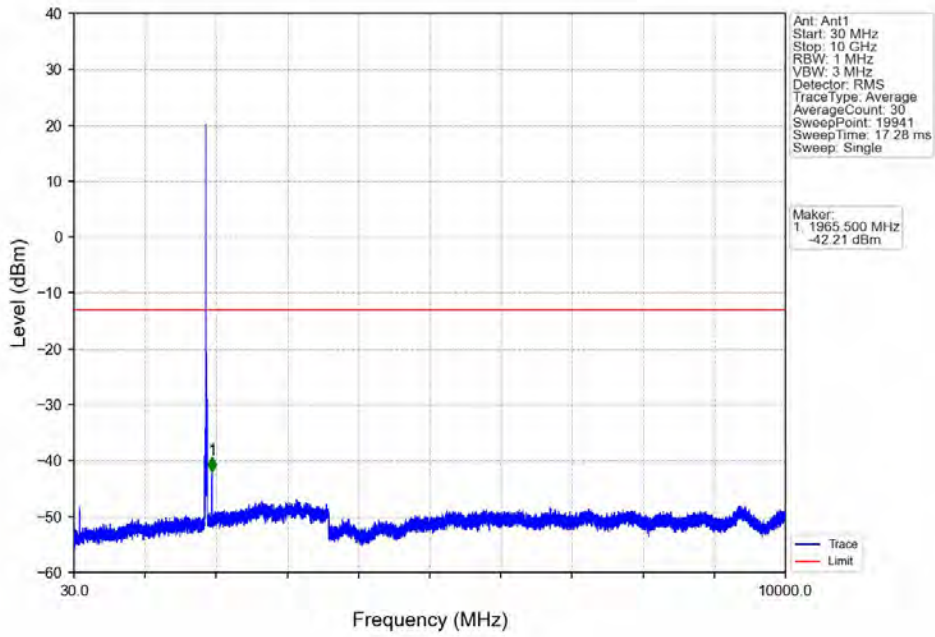
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



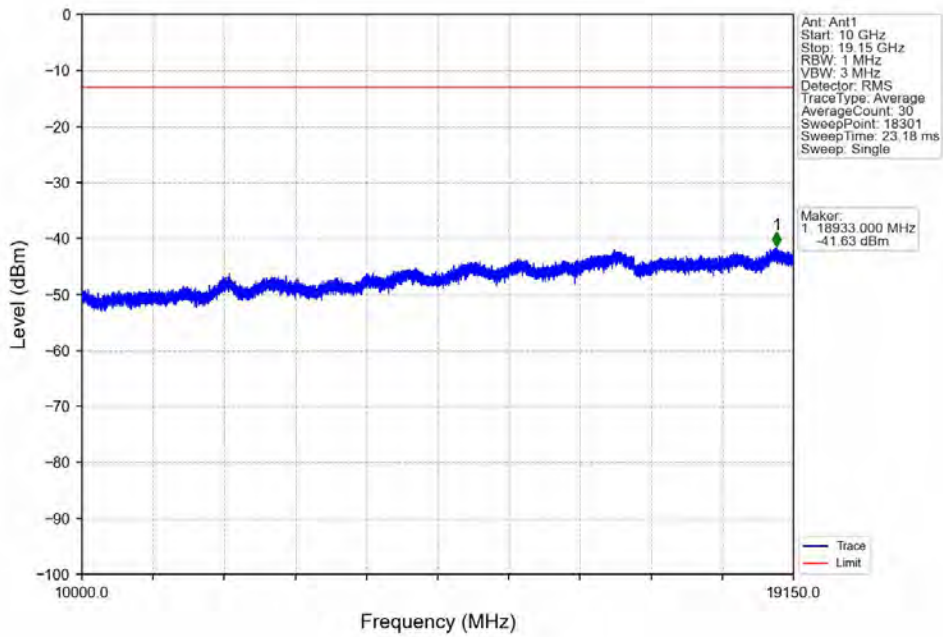
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



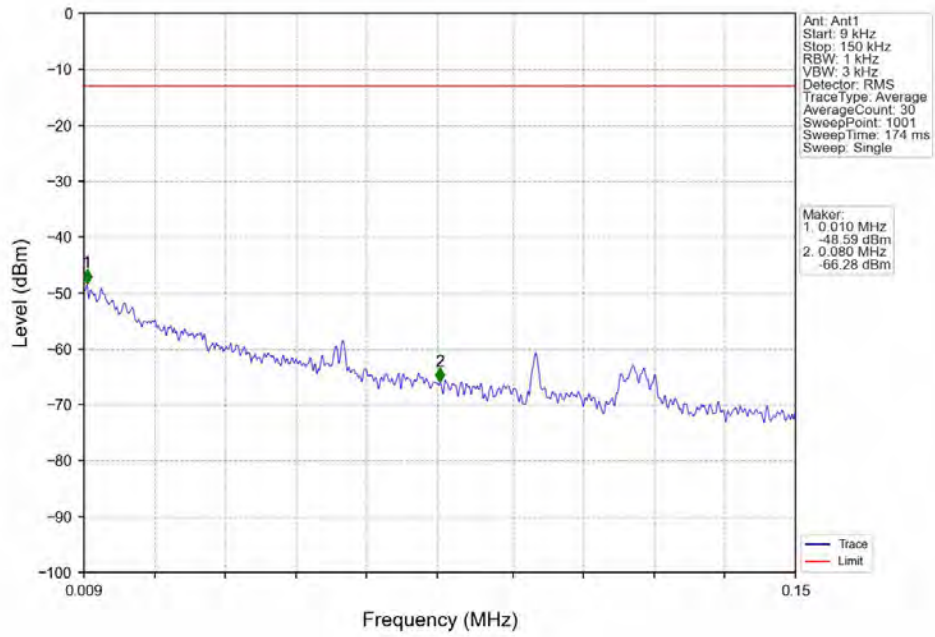
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV



Band25_10MHz_QPSK_HCH_1910MHz_RB_1_0_NTNV

