

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	19.36	0.88	20.24	<=33.01	Pass		
			2	19.37	0.88	20.25	<=33.01	Pass		
			5	19.38	0.88	20.26	<=33.01	Pass		
		3	0	19.50	0.88	20.38	<=33.01	Pass		
			2	19.46	0.88	20.34	<=33.01	Pass		
			3	19.41	0.88	20.29	<=33.01	Pass		
		6	0	18.42	0.88	19.30	<=33.01	Pass		
		1882.5	1	0	20.06	0.88	20.94	<=33.01	Pass	
				2	20.00	0.88	20.88	<=33.01	Pass	
	5			20.02	0.88	20.90	<=33.01	Pass		
	3		0	20.06	0.88	20.94	<=33.01	Pass		
			2	19.95	0.88	20.83	<=33.01	Pass		
	3		3	19.89	0.88	20.77	<=33.01	Pass		
	6	0	18.94	0.88	19.82	<=33.01	Pass			
	1914.3	1	0	20.24	0.88	21.12	<=33.01	Pass		
			2	20.42	0.88	21.30	<=33.01	Pass		
			5	20.36	0.88	21.24	<=33.01	Pass		
		3	0	20.21	0.88	21.09	<=33.01	Pass		
			2	20.32	0.88	21.20	<=33.01	Pass		
			3	20.06	0.88	20.94	<=33.01	Pass		
		6	0	19.36	0.88	20.24	<=33.01	Pass		
		16QAM	1850.7	1	0	18.19	0.88	19.07	<=33.01	Pass
					2	18.34	0.88	19.22	<=33.01	Pass
	5				18.33	0.88	19.21	<=33.01	Pass	
3	0			18.42	0.88	19.30	<=33.01	Pass		
	2			18.56	0.88	19.44	<=33.01	Pass		
	3			18.42	0.88	19.30	<=33.01	Pass		
6	0			17.11	0.88	17.99	<=33.01	Pass		
1882.5	1			0	19.11	0.88	19.99	<=33.01	Pass	
				2	19.27	0.88	20.15	<=33.01	Pass	
			5	19.14	0.88	20.02	<=33.01	Pass		
	3		0	19.04	0.88	19.92	<=33.01	Pass		
			2	19.14	0.88	20.02	<=33.01	Pass		
	3		3	19.11	0.88	19.99	<=33.01	Pass		
6	0		17.89	0.88	18.77	<=33.01	Pass			
1914.3	1		0	19.25	0.88	20.13	<=33.01	Pass		
			2	19.41	0.88	20.29	<=33.01	Pass		
			5	19.33	0.88	20.21	<=33.01	Pass		
	3		0	19.28	0.88	20.16	<=33.01	Pass		
			2	19.39	0.88	20.27	<=33.01	Pass		
			3	19.43	0.88	20.31	<=33.01	Pass		
	6		0	18.27	0.88	19.15	<=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	19.41	0.88	20.29	<=33.01	Pass		
			7	19.39	0.88	20.27	<=33.01	Pass		
			14	19.44	0.88	20.32	<=33.01	Pass		
		8	0	18.42	0.88	19.30	<=33.01	Pass		
			4	18.48	0.88	19.36	<=33.01	Pass		
			7	18.44	0.88	19.32	<=33.01	Pass		
		15	0	18.50	0.88	19.38	<=33.01	Pass		
		1882.5	1	0	19.68	0.88	20.56	<=33.01	Pass	
				7	20.05	0.88	20.93	<=33.01	Pass	
	14			19.78	0.88	20.66	<=33.01	Pass		
	8		0	18.96	0.88	19.84	<=33.01	Pass		
			4	18.93	0.88	19.81	<=33.01	Pass		
			7	18.98	0.88	19.86	<=33.01	Pass		
	15		0	18.92	0.88	19.80	<=33.01	Pass		
	1913.5		1	0	20.24	0.88	21.12	<=33.01	Pass	
				7	20.49	0.88	21.37	<=33.01	Pass	
		14		20.40	0.88	21.28	<=33.01	Pass		
		8	0	19.35	0.88	20.23	<=33.01	Pass		
			4	19.37	0.88	20.25	<=33.01	Pass		
			7	19.38	0.88	20.26	<=33.01	Pass		
		15	0	19.38	0.88	20.26	<=33.01	Pass		
		16QAM	1851.5	1	0	18.30	0.88	19.18	<=33.01	Pass
					7	18.39	0.88	19.27	<=33.01	Pass
	14				18.27	0.88	19.15	<=33.01	Pass	
8	0			17.32	0.88	18.20	<=33.01	Pass		
	4			17.26	0.88	18.14	<=33.01	Pass		
	7			17.63	0.88	18.51	<=33.01	Pass		
15	0			17.61	0.88	18.49	<=33.01	Pass		
1882.5	1			0	19.33	0.88	20.21	<=33.01	Pass	
				7	19.58	0.88	20.46	<=33.01	Pass	
			14	19.31	0.88	20.19	<=33.01	Pass		
	8		0	18.07	0.88	18.95	<=33.01	Pass		
			4	17.88	0.88	18.76	<=33.01	Pass		
			7	17.93	0.88	18.81	<=33.01	Pass		
	15		0	17.81	0.88	18.69	<=33.01	Pass		
	1913.5		1	0	19.87	0.88	20.75	<=33.01	Pass	
				7	20.03	0.88	20.91	<=33.01	Pass	
14				19.78	0.88	20.66	<=33.01	Pass		
8			0	18.50	0.88	19.38	<=33.01	Pass		
			4	18.53	0.88	19.41	<=33.01	Pass		
			7	18.56	0.88	19.44	<=33.01	Pass		
15			0	18.36	0.88	19.24	<=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	19.21	0.88	20.09	<=33.01	Pass
			13	19.49	0.88	20.37	<=33.01	Pass
			24	19.30	0.88	20.18	<=33.01	Pass

16QAM	1882.5	12	0	18.42	0.88	19.30	<=33.01	Pass	
			6	18.51	0.88	19.39	<=33.01	Pass	
			13	18.55	0.88	19.43	<=33.01	Pass	
		25	0	18.48	0.88	19.36	<=33.01	Pass	
			1	0	19.49	0.88	20.37	<=33.01	Pass
				13	19.75	0.88	20.63	<=33.01	Pass
		24		19.62	0.88	20.50	<=33.01	Pass	
		12	0	18.87	0.88	19.75	<=33.01	Pass	
			6	18.91	0.88	19.79	<=33.01	Pass	
	13		18.86	0.88	19.74	<=33.01	Pass		
	25		0	18.95	0.88	19.83	<=33.01	Pass	
			1	0	19.99	0.88	20.87	<=33.01	Pass
				13	20.18	0.88	21.06	<=33.01	Pass
	24	20.21		0.88	21.09	<=33.01	Pass		
	12	0	19.20	0.88	20.08	<=33.01	Pass		
		6	19.25	0.88	20.13	<=33.01	Pass		
		13	19.37	0.88	20.25	<=33.01	Pass		
		25	0	19.31	0.88	20.19	<=33.01	Pass	
			1	0	18.25	0.88	19.13	<=33.01	Pass
				13	18.41	0.88	19.29	<=33.01	Pass
	24	18.44		0.88	19.32	<=33.01	Pass		
	12	0	17.52	0.88	18.40	<=33.01	Pass		
		6	17.63	0.88	18.51	<=33.01	Pass		
		13	17.67	0.88	18.55	<=33.01	Pass		
		25	0	17.55	0.88	18.43	<=33.01	Pass	
			1	0	19.18	0.88	20.06	<=33.01	Pass
				13	19.39	0.88	20.27	<=33.01	Pass
24	19.40	0.88		20.28	<=33.01	Pass			
12	0	17.94	0.88	18.82	<=33.01	Pass			
	6	17.90	0.88	18.78	<=33.01	Pass			
	13	17.77	0.88	18.65	<=33.01	Pass			
	25	0	17.91	0.88	18.79	<=33.01	Pass		
		1	0	18.77	0.88	19.65	<=33.01	Pass	
			13	19.06	0.88	19.94	<=33.01	Pass	
24	18.77		0.88	19.65	<=33.01	Pass			
12	0	18.17	0.88	19.05	<=33.01	Pass			
	6	18.17	0.88	19.05	<=33.01	Pass			
	13	18.35	0.88	19.23	<=33.01	Pass			
	25	0	18.14	0.88	19.02	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B25_10MHz_EIRP

1.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1855	1	0	19.53	0.88	20.41	<=33.01	Pass
			25	19.96	0.88	20.84	<=33.01	Pass
			49	19.63	0.88	20.51	<=33.01	Pass
		25	0	18.57	0.88	19.45	<=33.01	Pass
			13	18.72	0.88	19.60	<=33.01	Pass
			25	18.75	0.88	19.63	<=33.01	Pass
	50	0	18.67	0.88	19.55	<=33.01	Pass	
	1882.5	1	0	20.01	0.88	20.89	<=33.01	Pass
			25	20.32	0.88	21.20	<=33.01	Pass

16QAM	1910	25	49	19.95	0.88	20.83	<=33.01	Pass
			0	18.91	0.88	19.79	<=33.01	Pass
			13	18.98	0.88	19.86	<=33.01	Pass
			25	18.97	0.88	19.85	<=33.01	Pass
		50	0	18.91	0.88	19.79	<=33.01	Pass
		1	0	20.05	0.88	20.93	<=33.01	Pass
	25		20.26	0.88	21.14	<=33.01	Pass	
	49		20.27	0.88	21.15	<=33.01	Pass	
	0		19.20	0.88	20.08	<=33.01	Pass	
	13		19.20	0.88	20.08	<=33.01	Pass	
	25		19.24	0.88	20.12	<=33.01	Pass	
	50	0	19.22	0.88	20.10	<=33.01	Pass	
	1855	1	0	18.61	0.88	19.49	<=33.01	Pass
			25	18.61	0.88	19.49	<=33.01	Pass
			49	18.50	0.88	19.38	<=33.01	Pass
			0	17.60	0.88	18.48	<=33.01	Pass
			13	17.76	0.88	18.64	<=33.01	Pass
			25	17.70	0.88	18.58	<=33.01	Pass
50		0	17.46	0.88	18.34	<=33.01	Pass	
1		0	19.32	0.88	20.20	<=33.01	Pass	
		25	19.50	0.88	20.38	<=33.01	Pass	
		49	19.74	0.88	20.62	<=33.01	Pass	
		0	18.04	0.88	18.92	<=33.01	Pass	
		13	18.07	0.88	18.95	<=33.01	Pass	
	25	17.77	0.88	18.65	<=33.01	Pass		
50	0	17.91	0.88	18.79	<=33.01	Pass		
1910	1	0	19.67	0.88	20.55	<=33.01	Pass	
		25	19.74	0.88	20.62	<=33.01	Pass	
		49	19.30	0.88	20.18	<=33.01	Pass	
		0	18.29	0.88	19.17	<=33.01	Pass	
		13	18.31	0.88	19.19	<=33.01	Pass	
		25	18.32	0.88	19.20	<=33.01	Pass	
	50	0	18.07	0.88	18.95	<=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	19.36	0.88	20.24	<=33.01	Pass	
			38	19.62	0.88	20.50	<=33.01	Pass	
			74	19.67	0.88	20.55	<=33.01	Pass	
		36	0	18.59	0.88	19.47	<=33.01	Pass	
			18	18.69	0.88	19.57	<=33.01	Pass	
			39	18.80	0.88	19.68	<=33.01	Pass	
		75	0	18.71	0.88	19.59	<=33.01	Pass	
		1882.5	1	0	19.96	0.88	20.84	<=33.01	Pass
				38	19.91	0.88	20.79	<=33.01	Pass
	74			20.12	0.88	21.00	<=33.01	Pass	
	36		0	18.89	0.88	19.77	<=33.01	Pass	
			18	18.94	0.88	19.82	<=33.01	Pass	
			39	19.04	0.88	19.92	<=33.01	Pass	
	75	0	19.07	0.88	19.95	<=33.01	Pass		
	1907.5	1	0	19.99	0.88	20.87	<=33.01	Pass	

16QAM	1857.5	36	38	20.22	0.88	21.10	<=33.01	Pass		
			74	20.24	0.88	21.12	<=33.01	Pass		
			0	19.14	0.88	20.02	<=33.01	Pass		
		75	1	18	19.23	0.88	20.11	<=33.01	Pass	
				39	19.22	0.88	20.10	<=33.01	Pass	
				0	19.23	0.88	20.11	<=33.01	Pass	
		1882.5	36	1	0	18.72	0.88	19.60	<=33.01	Pass
					38	18.85	0.88	19.73	<=33.01	Pass
					74	18.57	0.88	19.45	<=33.01	Pass
	75		1	0	17.59	0.88	18.47	<=33.01	Pass	
				18	17.69	0.88	18.57	<=33.01	Pass	
				39	17.64	0.88	18.52	<=33.01	Pass	
	1907.5		36	1	0	17.72	0.88	18.60	<=33.01	Pass
					0	19.71	0.88	20.59	<=33.01	Pass
					38	20.10	0.88	20.98	<=33.01	Pass
		75	1	74	19.57	0.88	20.45	<=33.01	Pass	
				0	18.13	0.88	19.01	<=33.01	Pass	
				18	17.95	0.88	18.83	<=33.01	Pass	
		1907.5	36	1	39	17.89	0.88	18.77	<=33.01	Pass
					0	18.11	0.88	18.99	<=33.01	Pass
					0	19.57	0.88	20.45	<=33.01	Pass
	75		1	38	20.36	0.88	21.24	<=33.01	Pass	
				74	19.70	0.88	20.58	<=33.01	Pass	
				0	18.22	0.88	19.10	<=33.01	Pass	
	75		1	18	18.25	0.88	19.13	<=33.01	Pass	
				39	18.18	0.88	19.06	<=33.01	Pass	
				0	18.15	0.88	19.03	<=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	19.36	0.88	20.24	<=33.01	Pass		
			50	19.95	0.88	20.83	<=33.01	Pass		
			99	19.91	0.88	20.79	<=33.01	Pass		
		50	1	0	18.63	0.88	19.51	<=33.01	Pass	
				25	18.79	0.88	19.67	<=33.01	Pass	
				50	18.88	0.88	19.76	<=33.01	Pass	
		100	1	0	18.70	0.88	19.58	<=33.01	Pass	
				0	20.07	0.88	20.95	<=33.01	Pass	
				50	20.09	0.88	20.97	<=33.01	Pass	
	1882.5	50	1	99	20.29	0.88	21.17	<=33.01	Pass	
				0	18.96	0.88	19.84	<=33.01	Pass	
				25	18.95	0.88	19.83	<=33.01	Pass	
		100	1	50	19.12	0.88	20.00	<=33.01	Pass	
				0	19.09	0.88	19.97	<=33.01	Pass	
				0	19.88	0.88	20.76	<=33.01	Pass	
		1905	50	1	50	20.34	0.88	21.22	<=33.01	Pass
					99	20.14	0.88	21.02	<=33.01	Pass
					0	19.15	0.88	20.03	<=33.01	Pass
	100		1	25	19.21	0.88	20.09	<=33.01	Pass	
				50	19.22	0.88	20.10	<=33.01	Pass	
				0	19.20	0.88	20.08	<=33.01	Pass	

16QAM	1860	1	0	19.14	0.88	20.02	<=33.01	Pass	
			50	20.22	0.88	21.10	<=33.01	Pass	
			99	19.78	0.88	20.66	<=33.01	Pass	
		50	0	17.54	0.88	18.42	<=33.01	Pass	
			25	17.72	0.88	18.60	<=33.01	Pass	
			50	17.65	0.88	18.53	<=33.01	Pass	
		100	0	17.58	0.88	18.46	<=33.01	Pass	
		1882.5	1	0	19.06	0.88	19.94	<=33.01	Pass
				50	19.09	0.88	19.97	<=33.01	Pass
	99			18.85	0.88	19.73	<=33.01	Pass	
	50		0	18.12	0.88	19.00	<=33.01	Pass	
			25	18.00	0.88	18.88	<=33.01	Pass	
			50	18.07	0.88	18.95	<=33.01	Pass	
	100		0	18.05	0.88	18.93	<=33.01	Pass	
	1905		1	0	19.54	0.88	20.42	<=33.01	Pass
				50	20.02	0.88	20.90	<=33.01	Pass
		99		19.44	0.88	20.32	<=33.01	Pass	
		50	0	18.31	0.88	19.19	<=33.01	Pass	
			25	18.28	0.88	19.16	<=33.01	Pass	
			50	18.18	0.88	19.06	<=33.01	Pass	
		100	0	18.12	0.88	19.00	<=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	8.440	0.0046	-2.5 to 2.5	Pass			
					3.85	5.536	0.0030	-2.5 to 2.5	Pass			
					4.43	5.751	0.0031	-2.5 to 2.5	Pass			
				-30	3.85	5.121	0.0028	-2.5 to 2.5	Pass			
					-20	3.85	3.376	0.0018	-2.5 to 2.5	Pass		
						-10	3.85	3.204	0.0017	-2.5 to 2.5	Pass	
				0	3.85	2.203	0.0012	-2.5 to 2.5	Pass			
				10	3.85	1.445	0.0008	-2.5 to 2.5	Pass			
				30	3.85	1.831	0.0010	-2.5 to 2.5	Pass			
				40	3.85	1.116	0.0006	-2.5 to 2.5	Pass			
				50	3.85	1.245	0.0007	-2.5 to 2.5	Pass			
				1882.5	6	0	20	3.27	0.429	0.0002	-2.5 to 2.5	Pass
								3.85	-4.034	-0.0021	-2.5 to 2.5	Pass
								4.43	-2.203	-0.0012	-2.5 to 2.5	Pass
							-30	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass
	-20	3.85	-5.479					-0.0029	-2.5 to 2.5	Pass		
		-10	3.85					-3.834	-0.0020	-2.5 to 2.5	Pass	
	0	3.85	15.292				0.0081	-2.5 to 2.5	Pass			
	10	3.85	15.807				0.0084	-2.5 to 2.5	Pass			
	30	3.85	15.349				0.0082	-2.5 to 2.5	Pass			
	40	3.85	13.447				0.0071	-2.5 to 2.5	Pass			
	50	3.85	12.875				0.0068	-2.5 to 2.5	Pass			
	1914.3	6	0				20	3.27	11.015	0.0058	-2.5 to 2.5	Pass
				3.85	11.945	0.0062		-2.5 to 2.5	Pass			

					4.43	11.687	0.0061	-2.5 to 2.5	Pass	
				-30	3.85	12.746	0.0067	-2.5 to 2.5	Pass	
				-20	3.85	12.932	0.0068	-2.5 to 2.5	Pass	
				-10	3.85	13.018	0.0068	-2.5 to 2.5	Pass	
				0	3.85	13.490	0.0070	-2.5 to 2.5	Pass	
				10	3.85	10.772	0.0056	-2.5 to 2.5	Pass	
				30	3.85	10.328	0.0054	-2.5 to 2.5	Pass	
				40	3.85	8.941	0.0047	-2.5 to 2.5	Pass	
				50	3.85	9.370	0.0049	-2.5 to 2.5	Pass	
16QAM	1850.7	6	0	20	3.27	-0.901	-0.0005	-2.5 to 2.5	Pass	
					3.85	0.472	0.0003	-2.5 to 2.5	Pass	
					4.43	-0.901	-0.0005	-2.5 to 2.5	Pass	
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass	
					-20	3.85	-0.515	-0.0003	-2.5 to 2.5	Pass
						-10	3.85	-1.860	-0.0010	-2.5 to 2.5
				0	3.85	-1.216	-0.0007	-2.5 to 2.5	Pass	
					10	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass	
	40	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass				
	50	3.85	-0.758	-0.0004	-2.5 to 2.5	Pass				
	1882.5	6	0	20	3.27	9.456	0.0050	-2.5 to 2.5	Pass	
					3.85	8.569	0.0046	-2.5 to 2.5	Pass	
					4.43	5.822	0.0031	-2.5 to 2.5	Pass	
				-30	3.85	6.123	0.0033	-2.5 to 2.5	Pass	
					-20	3.85	5.751	0.0031	-2.5 to 2.5	Pass
						-10	3.85	4.907	0.0026	-2.5 to 2.5
				0	3.85	3.276	0.0017	-2.5 to 2.5	Pass	
					10	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				30	3.85	0.272	0.0001	-2.5 to 2.5	Pass	
	40	3.85	0.844	0.0004	-2.5 to 2.5	Pass				
	50	3.85	1.802	0.0010	-2.5 to 2.5	Pass				
	1914.3	6	0	20	3.27	5.636	0.0029	-2.5 to 2.5	Pass	
					3.85	2.961	0.0015	-2.5 to 2.5	Pass	
					4.43	3.033	0.0016	-2.5 to 2.5	Pass	
				-30	3.85	2.217	0.0012	-2.5 to 2.5	Pass	
					-20	3.85	1.473	0.0008	-2.5 to 2.5	Pass
-10						3.85	0.916	0.0005	-2.5 to 2.5	Pass
0				3.85	0.858	0.0004	-2.5 to 2.5	Pass		
				10	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass	
30				3.85	-0.057	0.0000	-2.5 to 2.5	Pass		
40	3.85	-1.602	-0.0008	-2.5 to 2.5	Pass					
50	3.85	-2.818	-0.0015	-2.5 to 2.5	Pass					

2.2 B25_3MHz

2.2.1 Test Result

Band: 25 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	15	0	20	3.27	-0.458	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
					4.43	-0.887	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
					-20	3.85	-1.659	-0.0009	-2.5 to 2.5
				-10	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass

				10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass	
				30	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass	
				40	3.85	-0.458	-0.0002	-2.5 to 2.5	Pass	
				50	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass	
	1882.5	15	0	20	3.27	3.133	0.0017	-2.5 to 2.5	Pass	
					3.85	2.875	0.0015	-2.5 to 2.5	Pass	
					4.43	4.449	0.0024	-2.5 to 2.5	Pass	
				-30	3.85	4.506	0.0024	-2.5 to 2.5	Pass	
				-20	3.85	3.548	0.0019	-2.5 to 2.5	Pass	
				-10	3.85	3.791	0.0020	-2.5 to 2.5	Pass	
				0	3.85	2.618	0.0014	-2.5 to 2.5	Pass	
				10	3.85	3.004	0.0016	-2.5 to 2.5	Pass	
				30	3.85	2.031	0.0011	-2.5 to 2.5	Pass	
				40	3.85	2.446	0.0013	-2.5 to 2.5	Pass	
				50	3.85	1.903	0.0010	-2.5 to 2.5	Pass	
				1913.5	15	0	20	3.27	-0.873	-0.0005
	3.85	-2.203	-0.0012					-2.5 to 2.5	Pass	
	4.43	-1.559	-0.0008					-2.5 to 2.5	Pass	
	-30	3.85	-2.074				-0.0011	-2.5 to 2.5	Pass	
	-20	3.85	-0.587				-0.0003	-2.5 to 2.5	Pass	
	-10	3.85	-2.260				-0.0012	-2.5 to 2.5	Pass	
	0	3.85	-1.159				-0.0006	-2.5 to 2.5	Pass	
	10	3.85	-0.200				-0.0001	-2.5 to 2.5	Pass	
	30	3.85	-1.445				-0.0008	-2.5 to 2.5	Pass	
	40	3.85	-2.031				-0.0011	-2.5 to 2.5	Pass	
	50	3.85	-2.089				-0.0011	-2.5 to 2.5	Pass	
	16QAM	1851.5	15				0	20	3.27	-0.858
				3.85	-0.744	-0.0004			-2.5 to 2.5	Pass
				4.43	-1.559	-0.0008			-2.5 to 2.5	Pass
				-30	3.85	-2.203		-0.0012	-2.5 to 2.5	Pass
-20				3.85	-0.386	-0.0002		-2.5 to 2.5	Pass	
-10				3.85	-0.186	-0.0001		-2.5 to 2.5	Pass	
0				3.85	-1.645	-0.0009		-2.5 to 2.5	Pass	
10				3.85	0.029	0.0000		-2.5 to 2.5	Pass	
30				3.85	-1.431	-0.0008		-2.5 to 2.5	Pass	
40				3.85	-2.017	-0.0011		-2.5 to 2.5	Pass	
50				3.85	-2.017	-0.0011		-2.5 to 2.5	Pass	
1882.5				15	0	20		3.27	3.090	0.0016
		3.85	3.719				0.0020	-2.5 to 2.5	Pass	
		4.43	2.646				0.0014	-2.5 to 2.5	Pass	
		-30	3.85			1.845	0.0010	-2.5 to 2.5	Pass	
		-20	3.85			2.303	0.0012	-2.5 to 2.5	Pass	
		-10	3.85			2.460	0.0013	-2.5 to 2.5	Pass	
		0	3.85			2.418	0.0013	-2.5 to 2.5	Pass	
		10	3.85			0.987	0.0005	-2.5 to 2.5	Pass	
		30	3.85			1.888	0.0010	-2.5 to 2.5	Pass	
		40	3.85			1.602	0.0009	-2.5 to 2.5	Pass	
		50	3.85			2.332	0.0012	-2.5 to 2.5	Pass	
		1913.5	15			0	20	3.27	-0.286	-0.0001
3.85				-1.645	-0.0009			-2.5 to 2.5	Pass	
4.43				0.386	0.0002			-2.5 to 2.5	Pass	
-30				3.85	-0.415		-0.0002	-2.5 to 2.5	Pass	
-20				3.85	1.416		0.0007	-2.5 to 2.5	Pass	
-10				3.85	0.329		0.0002	-2.5 to 2.5	Pass	
0				3.85	-0.300		-0.0002	-2.5 to 2.5	Pass	
10				3.85	-1.259		-0.0007	-2.5 to 2.5	Pass	
30	3.85			-1.230	-0.0006		-2.5 to 2.5	Pass		
40	3.85			0.272	0.0001		-2.5 to 2.5	Pass		
50	3.85			-0.658	-0.0003		-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	-1.760	-0.0010	-2.5 to 2.5	Pass	
					3.85	-2.146	-0.0012	-2.5 to 2.5	Pass	
					4.43	-1.588	-0.0009	-2.5 to 2.5	Pass	
				-30	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass	
					-20	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
						3.85	-1.874	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-1.774	-0.0010	-2.5 to 2.5	Pass	
					10	3.85	-2.675	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass	
				40	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass	
	50	3.85	-1.531	-0.0008	-2.5 to 2.5	Pass				
	1882.5	25	0	20	3.27	1.044	0.0006	-2.5 to 2.5	Pass	
					3.85	0.916	0.0005	-2.5 to 2.5	Pass	
					4.43	3.891	0.0021	-2.5 to 2.5	Pass	
				-30	3.85	1.831	0.0010	-2.5 to 2.5	Pass	
					-20	3.85	1.345	0.0007	-2.5 to 2.5	Pass
						3.85	2.317	0.0012	-2.5 to 2.5	Pass
				0	3.85	0.901	0.0005	-2.5 to 2.5	Pass	
					10	3.85	3.791	0.0020	-2.5 to 2.5	Pass
				30	3.85	1.588	0.0008	-2.5 to 2.5	Pass	
				40	3.85	0.601	0.0003	-2.5 to 2.5	Pass	
	50	3.85	0.200	0.0001	-2.5 to 2.5	Pass				
	1912.5	25	0	20	3.27	0.215	0.0001	-2.5 to 2.5	Pass	
					3.85	0.157	0.0001	-2.5 to 2.5	Pass	
					4.43	-0.515	-0.0003	-2.5 to 2.5	Pass	
				-30	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass	
					-20	3.85	0.658	0.0003	-2.5 to 2.5	Pass
						3.85	0.472	0.0002	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0002	-2.5 to 2.5	Pass	
					10	3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
30				3.85	-1.245	-0.0007	-2.5 to 2.5	Pass		
40				3.85	0.014	0.0000	-2.5 to 2.5	Pass		
50	3.85	0.458	0.0002	-2.5 to 2.5	Pass					
16QAM	1852.5	25	0	20	3.27	-2.432	-0.0013	-2.5 to 2.5	Pass	
					3.85	-1.345	-0.0007	-2.5 to 2.5	Pass	
					4.43	-0.930	-0.0005	-2.5 to 2.5	Pass	
				-30	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass	
					-20	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
						3.85	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass	
					10	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass
				30	3.85	0.157	0.0001	-2.5 to 2.5	Pass	
				40	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass	
	50	3.85	-2.875	-0.0016	-2.5 to 2.5	Pass				
	1882.5	25	0	20	3.27	-0.401	-0.0002	-2.5 to 2.5	Pass	
					3.85	-0.386	-0.0002	-2.5 to 2.5	Pass	
					4.43	1.230	0.0007	-2.5 to 2.5	Pass	
				-30	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass	
					-20	3.85	0.715	0.0004	-2.5 to 2.5	Pass

16QAM	1855	50	0	50	3.85	-2.260	-0.0012	-2.5 to 2.5	Pass
				20	3.27	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0012	-2.5 to 2.5	Pass
				20	4.43	-2.704	-0.0015	-2.5 to 2.5	Pass
					-30	3.85	-2.146	-0.0012	-2.5 to 2.5
				-20	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.831	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
	40	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass			
	50	3.85	-2.990	-0.0016	-2.5 to 2.5	Pass			
	1882.5	50	0	20	3.27	2.532	0.0013	-2.5 to 2.5	Pass
				20	3.85	1.817	0.0010	-2.5 to 2.5	Pass
					4.43	-0.386	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.001	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.260	0.0012	-2.5 to 2.5	Pass
				-10	3.85	2.046	0.0011	-2.5 to 2.5	Pass
				0	3.85	1.674	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.316	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.329	0.0002	-2.5 to 2.5	Pass
	50	3.85	1.373	0.0007	-2.5 to 2.5	Pass			
	1910	50	0	20	3.27	-3.176	-0.0017	-2.5 to 2.5	Pass
				20	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass
					4.43	-1.402	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.359	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.160	-0.0011	-2.5 to 2.5	Pass
10				3.85	-3.819	-0.0020	-2.5 to 2.5	Pass	
30				3.85	-2.575	-0.0013	-2.5 to 2.5	Pass	
40				3.85	-1.187	-0.0006	-2.5 to 2.5	Pass	
50	3.85	-2.761	-0.0014	-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	-3.562	-0.0019	-2.5 to 2.5	Pass
					3.85	-3.004	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.662	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.705	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-3.119	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-3.691	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-3.490	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
	50	3.85	-2.661	-0.0014	-2.5 to 2.5	Pass			
	1882.5	75	0	20	3.27	-0.215	-0.0001	-2.5 to 2.5	Pass
					3.85	1.631	0.0009	-2.5 to 2.5	Pass
					4.43	-0.300	-0.0002	-2.5 to 2.5	Pass
-30					3.85	1.187	0.0006	-2.5 to 2.5	Pass

				-20	3.85	1.316	0.0007	-2.5 to 2.5	Pass		
				-10	3.85	0.286	0.0002	-2.5 to 2.5	Pass		
				0	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass		
				10	3.85	1.760	0.0009	-2.5 to 2.5	Pass		
				30	3.85	-0.057	0.0000	-2.5 to 2.5	Pass		
				40	3.85	0.715	0.0004	-2.5 to 2.5	Pass		
	50	3.85	1.202	0.0006	-2.5 to 2.5	Pass					
	1907.5	75	0	20	3.27	0.973	0.0005	-2.5 to 2.5	Pass		
					3.85	0.443	0.0002	-2.5 to 2.5	Pass		
					4.43	-1.130	-0.0006	-2.5 to 2.5	Pass		
				-30	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass		
				-20	3.85	0.644	0.0003	-2.5 to 2.5	Pass		
				-10	3.85	1.459	0.0008	-2.5 to 2.5	Pass		
		0				0	3.85	1.316	0.0007	-2.5 to 2.5	Pass
						10	3.85	0.114	0.0001	-2.5 to 2.5	Pass
						30	3.85	-0.687	-0.0004	-2.5 to 2.5	Pass
						40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
						50	3.85	0.486	0.0003	-2.5 to 2.5	Pass
50						3.85	0.486	0.0003	-2.5 to 2.5	Pass	
16QAM	1857.5	75	0	20	3.27	-2.661	-0.0014	-2.5 to 2.5	Pass		
					3.85	-3.819	-0.0021	-2.5 to 2.5	Pass		
					4.43	-1.917	-0.0010	-2.5 to 2.5	Pass		
				-30	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass		
				-20	3.85	-3.562	-0.0019	-2.5 to 2.5	Pass		
				-10	3.85	-4.349	-0.0023	-2.5 to 2.5	Pass		
		0				0	3.85	-3.891	-0.0021	-2.5 to 2.5	Pass
						10	3.85	-2.861	-0.0015	-2.5 to 2.5	Pass
						30	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
						40	3.85	-2.918	-0.0016	-2.5 to 2.5	Pass
						50	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
						50	3.85	-3.176	-0.0017	-2.5 to 2.5	Pass
	1882.5	75	0	20	3.27	0.758	0.0004	-2.5 to 2.5	Pass		
					3.85	1.273	0.0007	-2.5 to 2.5	Pass		
					4.43	0.658	0.0003	-2.5 to 2.5	Pass		
				-30	3.85	0.329	0.0002	-2.5 to 2.5	Pass		
				-20	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass		
				-10	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass		
		0				0	3.85	0.572	0.0003	-2.5 to 2.5	Pass
						10	3.85	0.472	0.0003	-2.5 to 2.5	Pass
						30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
						40	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
						50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
						50	3.85	1.259	0.0007	-2.5 to 2.5	Pass
	1907.5	75	0	20	3.27	-0.286	-0.0001	-2.5 to 2.5	Pass		
					3.85	-0.172	-0.0001	-2.5 to 2.5	Pass		
					4.43	0.772	0.0004	-2.5 to 2.5	Pass		
				-30	3.85	0.830	0.0004	-2.5 to 2.5	Pass		
				-20	3.85	0.458	0.0002	-2.5 to 2.5	Pass		
				-10	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass		
0					0	3.85	0.286	0.0001	-2.5 to 2.5	Pass	
					10	3.85	0.587	0.0003	-2.5 to 2.5	Pass	
					30	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass	
					40	3.85	0.200	0.0001	-2.5 to 2.5	Pass	
					50	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass	
					50	3.85	-0.844	-0.0004	-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	-0.458	-0.0002	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.329	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.216	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.443	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.572	-0.0003	-2.5 to 2.5	Pass
	50	3.85	0.930	0.0005	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-0.672	-0.0004	-2.5 to 2.5	Pass
					3.85	0.186	0.0001	-2.5 to 2.5	Pass
					4.43	0.114	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.429	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.429	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.544	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	0.873	0.0005	-2.5 to 2.5	Pass
	50	3.85	0.014	0.0000	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	0.615	0.0003	-2.5 to 2.5	Pass
					3.85	1.545	0.0008	-2.5 to 2.5	Pass
					4.43	1.116	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.060	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.844	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.944	0.0005	-2.5 to 2.5	Pass
30				3.85	1.173	0.0006	-2.5 to 2.5	Pass	
40				3.85	-0.672	-0.0004	-2.5 to 2.5	Pass	
50	3.85	0.243	0.0001	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	0.415	0.0002	-2.5 to 2.5	Pass
					4.43	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				10	3.85	0.815	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0001	-2.5 to 2.5	Pass
				40	3.85	0.858	0.0005	-2.5 to 2.5	Pass
	50	3.85	0.358	0.0002	-2.5 to 2.5	Pass			
	1882.5	100	0	20	3.27	-0.830	-0.0004	-2.5 to 2.5	Pass
					3.85	1.216	0.0006	-2.5 to 2.5	Pass
					4.43	0.386	0.0002	-2.5 to 2.5	Pass
				-30	3.85	1.144	0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.232	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-1.345	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
				10	3.85	0.830	0.0004	-2.5 to 2.5	Pass
				30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
	50	3.85	-0.086	0.0000	-2.5 to 2.5	Pass			
	1905	100	0	20	3.27	-1.259	-0.0007	-2.5 to 2.5	Pass
					3.85	-1.416	-0.0007	-2.5 to 2.5	Pass

					4.43	-0.358	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.159	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass

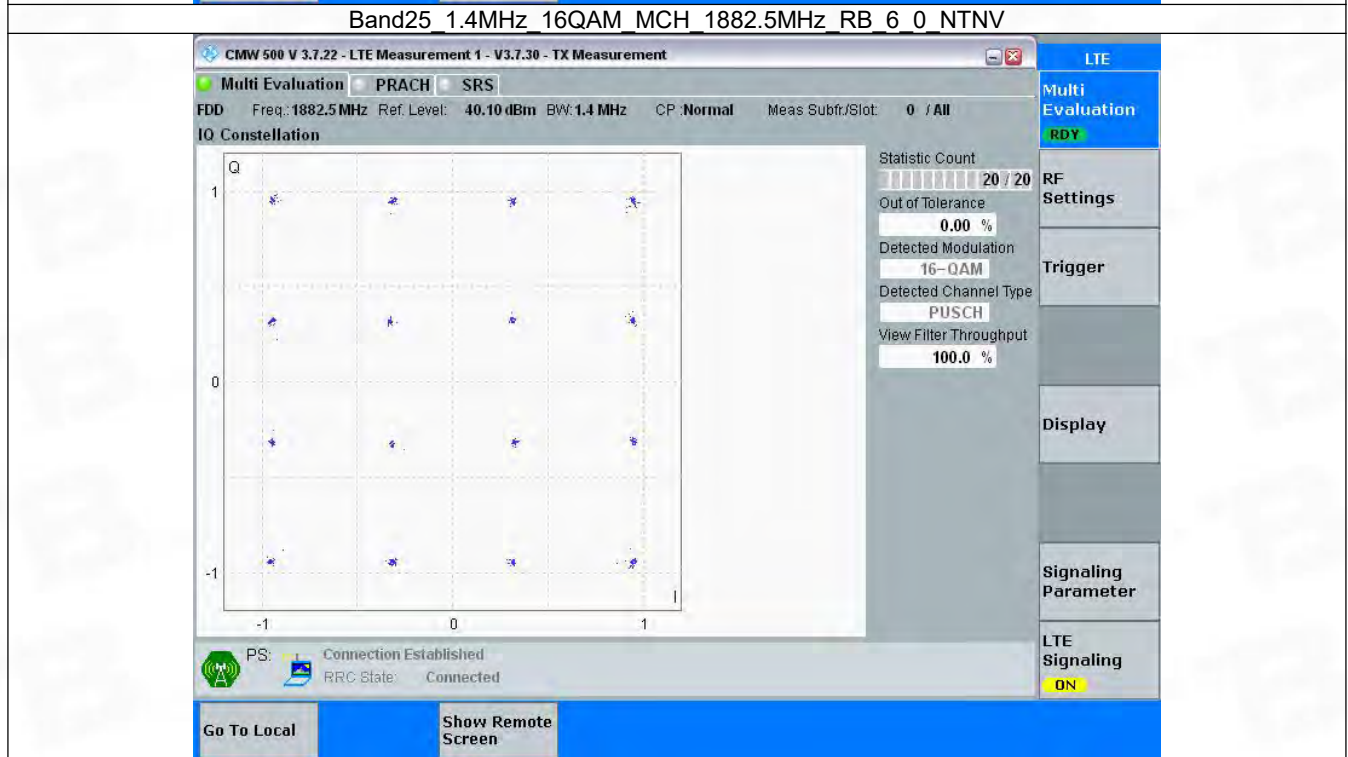
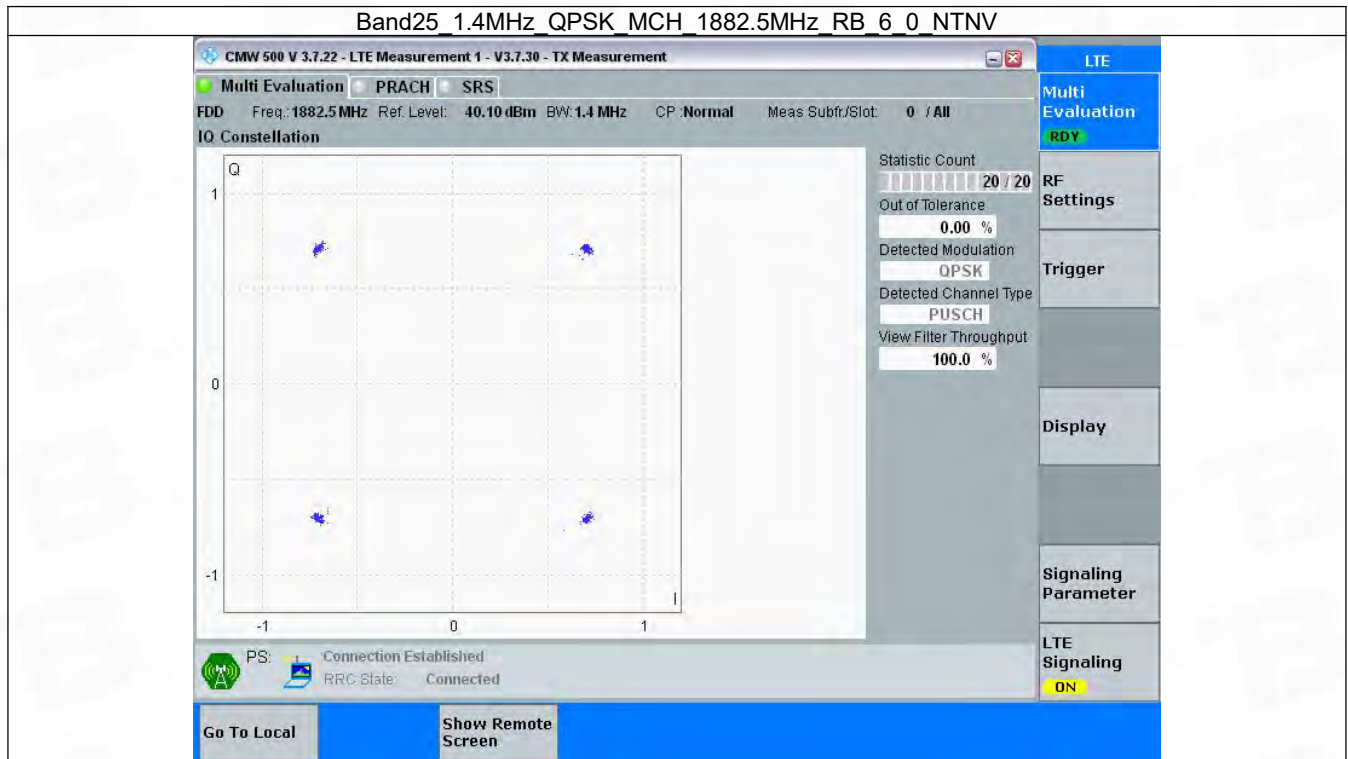
3. Modulation Characteristics

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

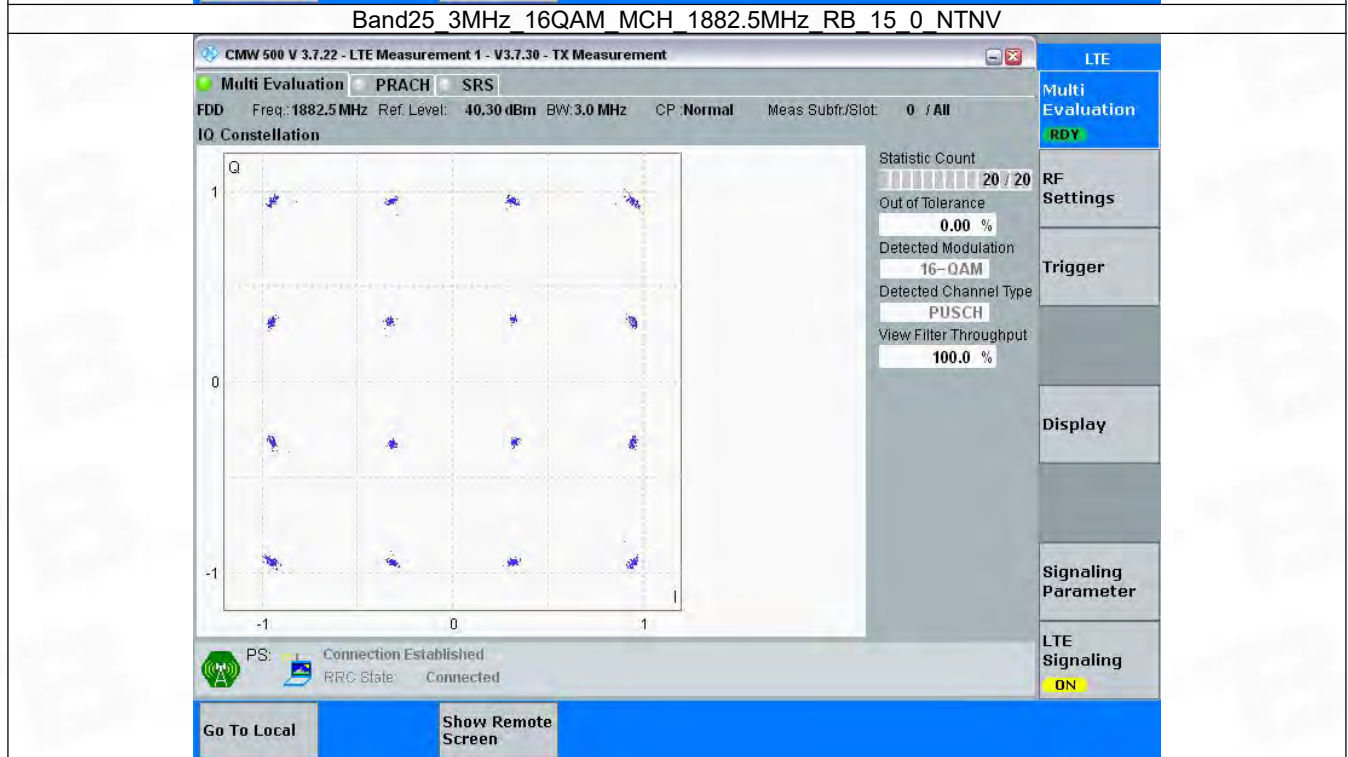
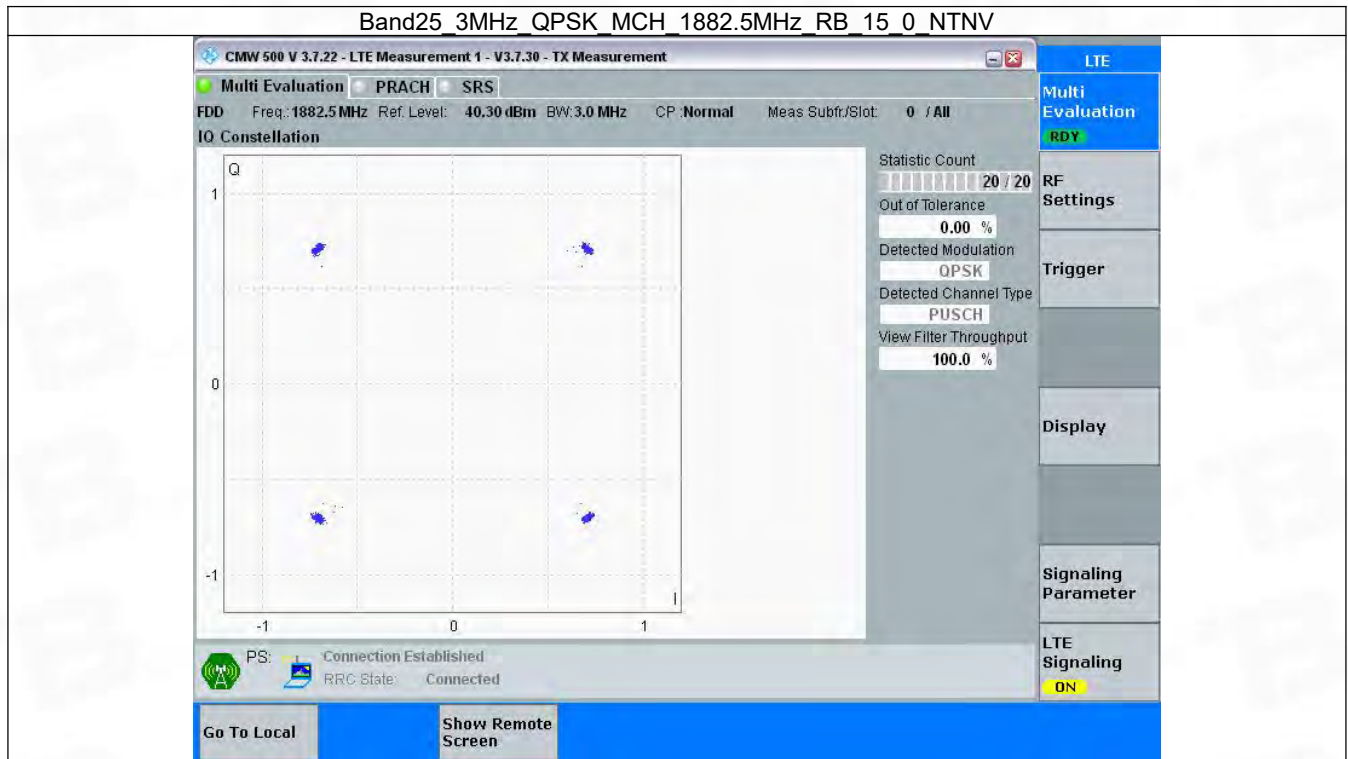


3.2 B25_3MHz

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

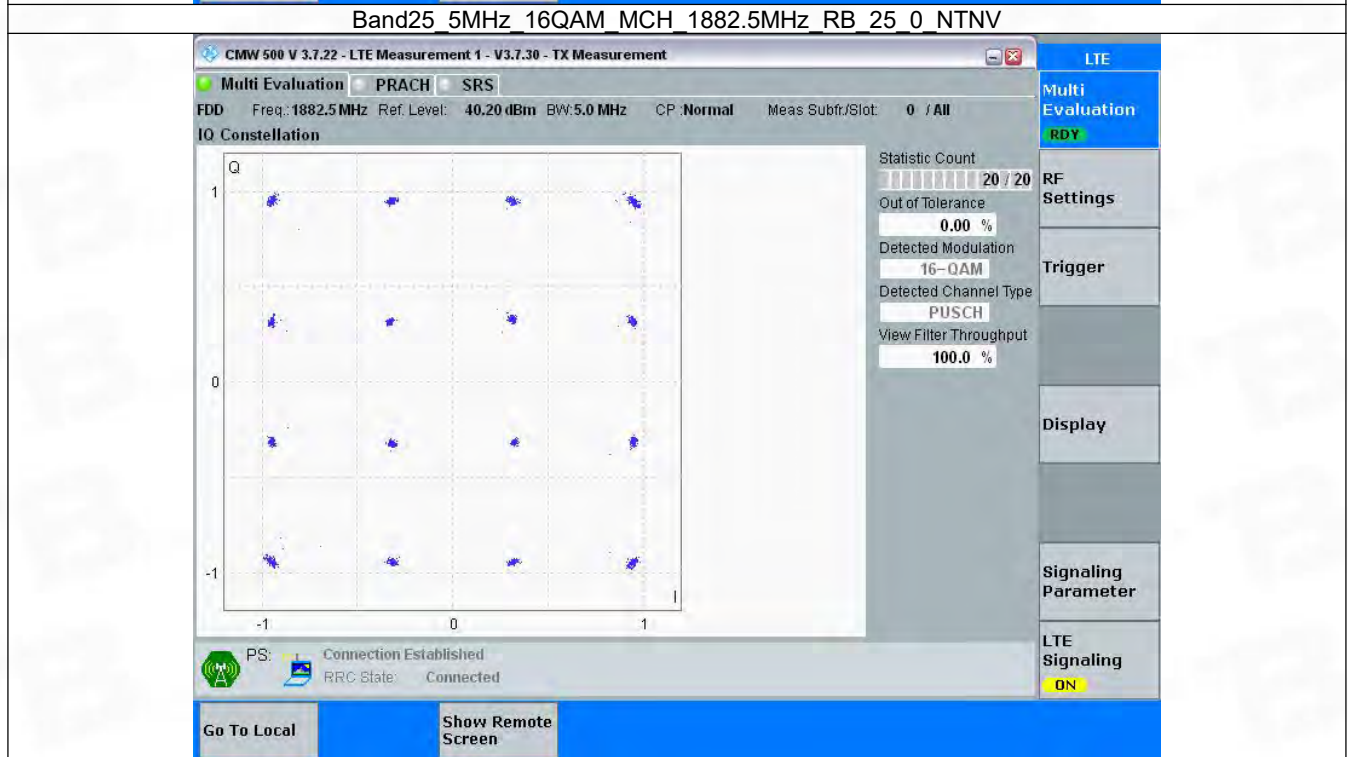
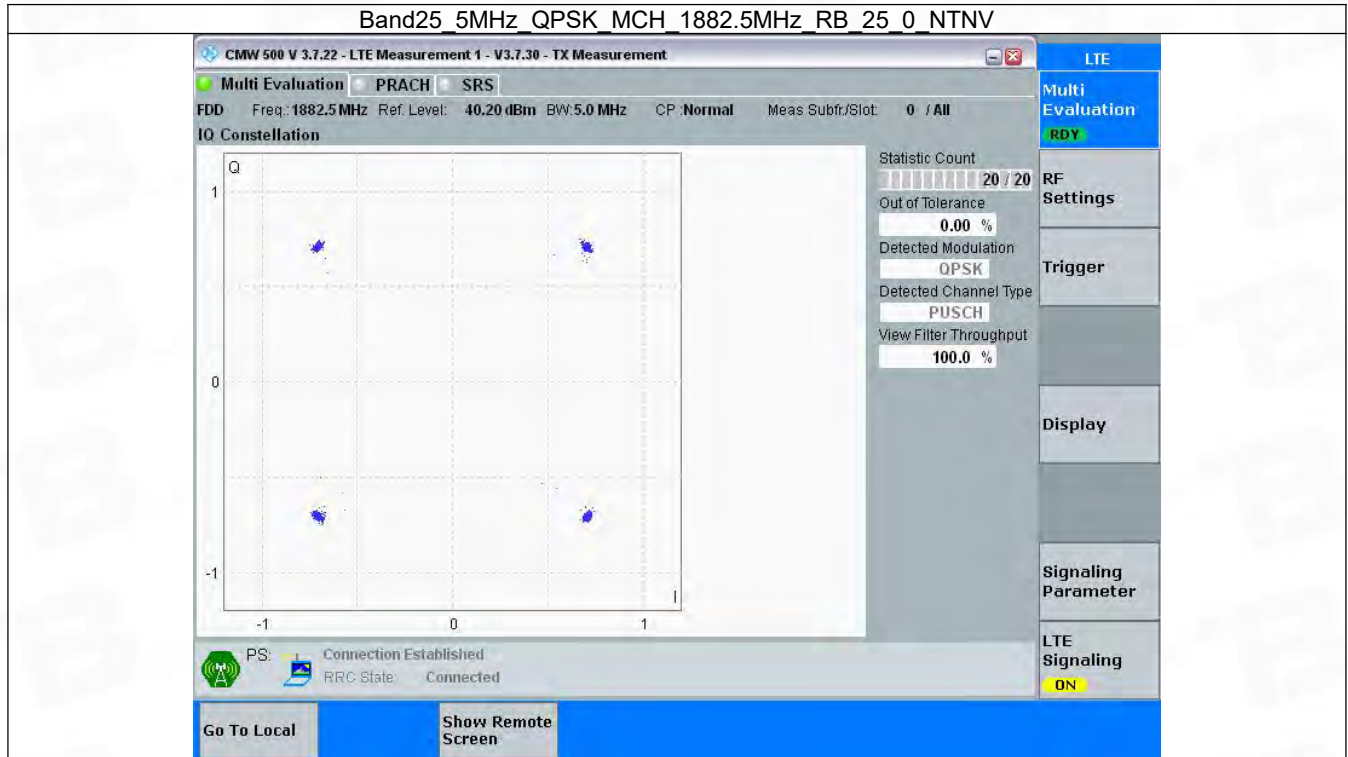


3.3 B25_5MHz

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

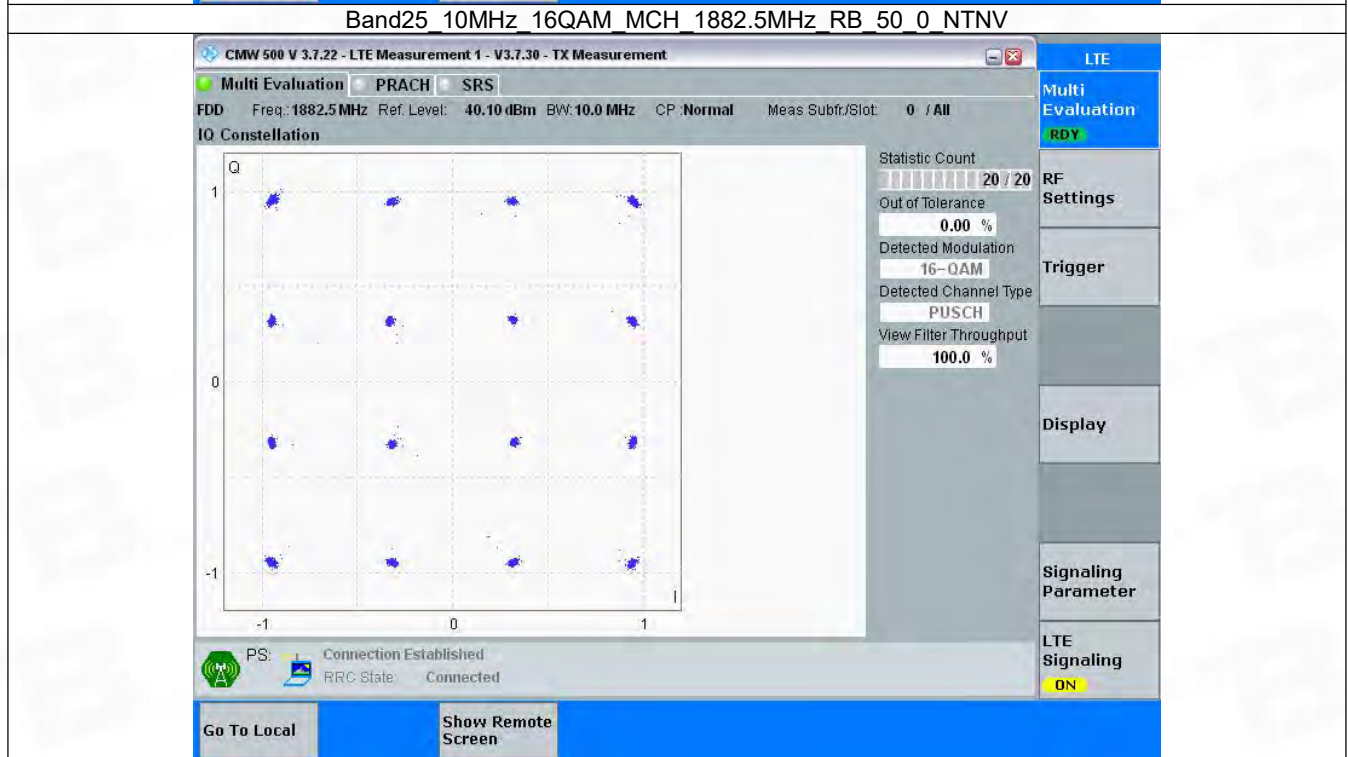
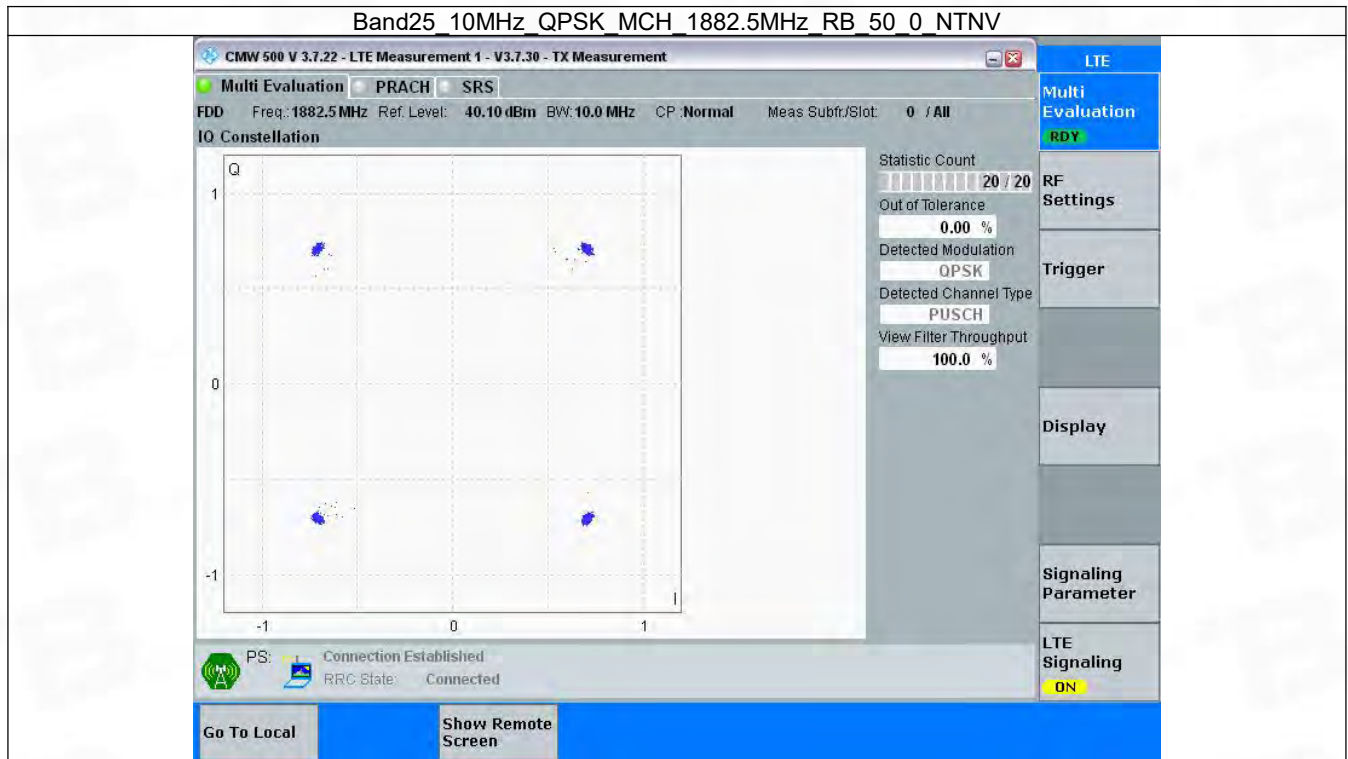


3.4 B25_10MHz

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

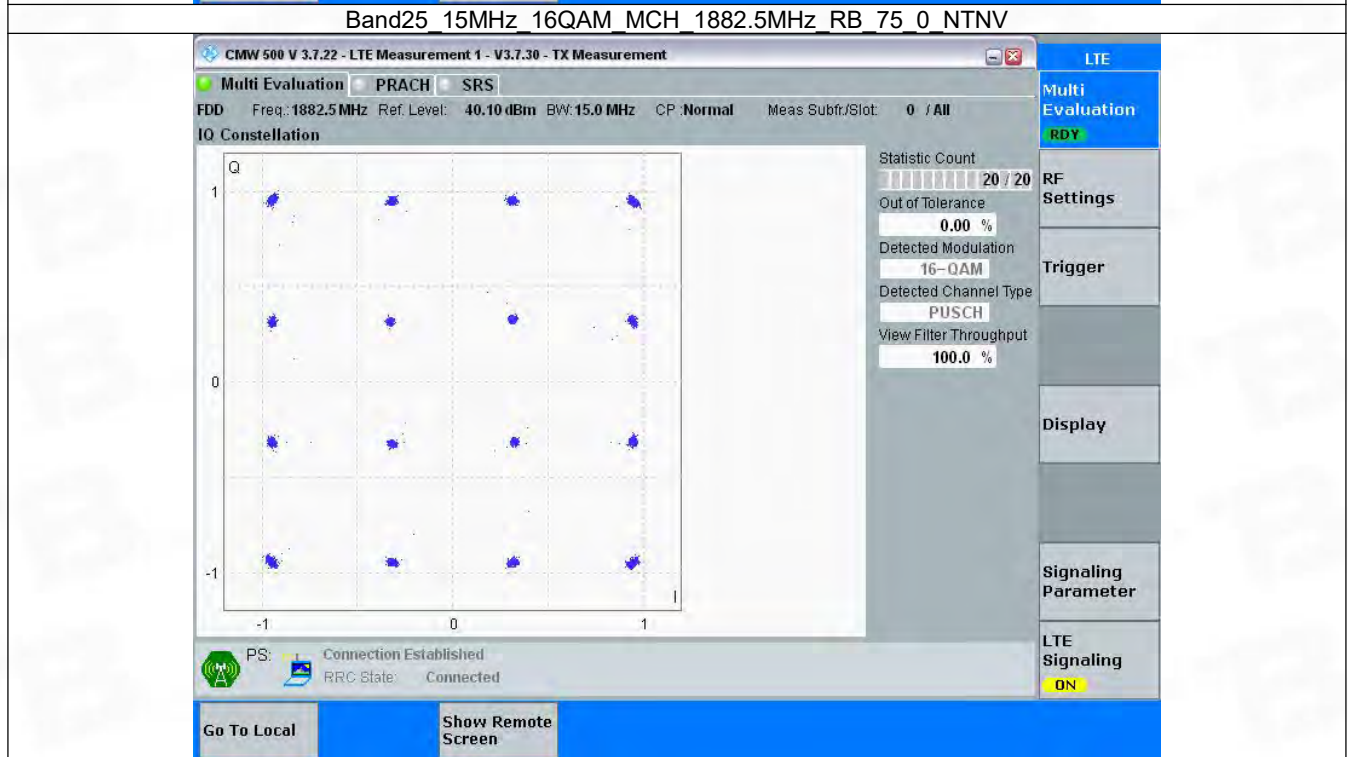
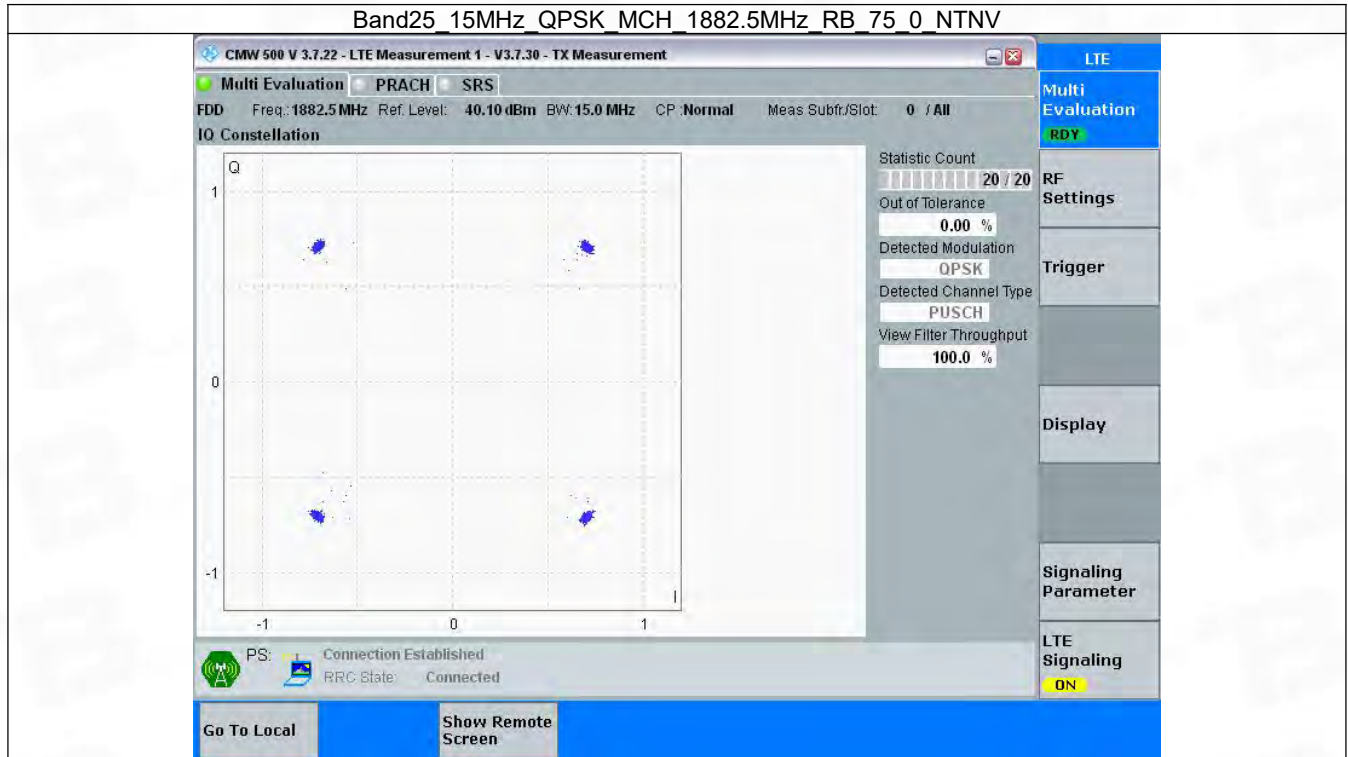


3.5 B25_15MHz

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

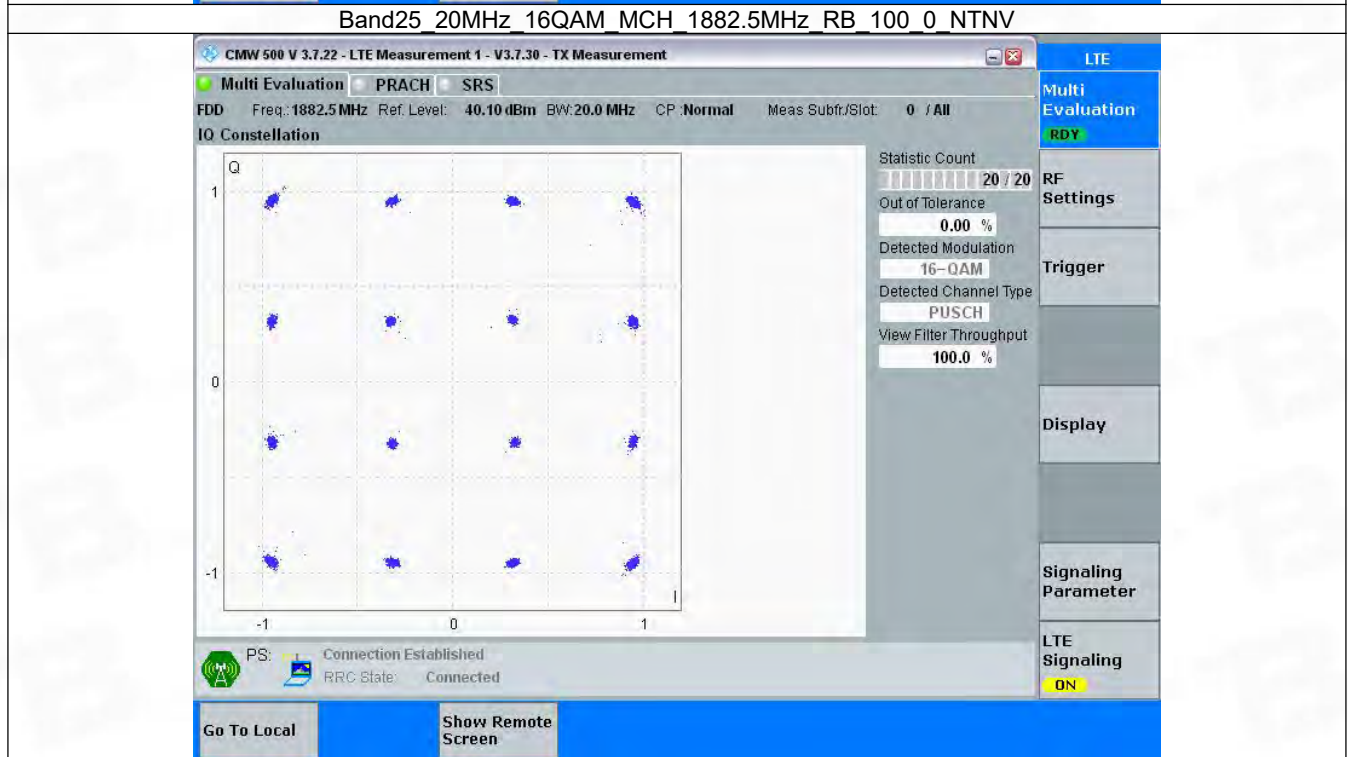
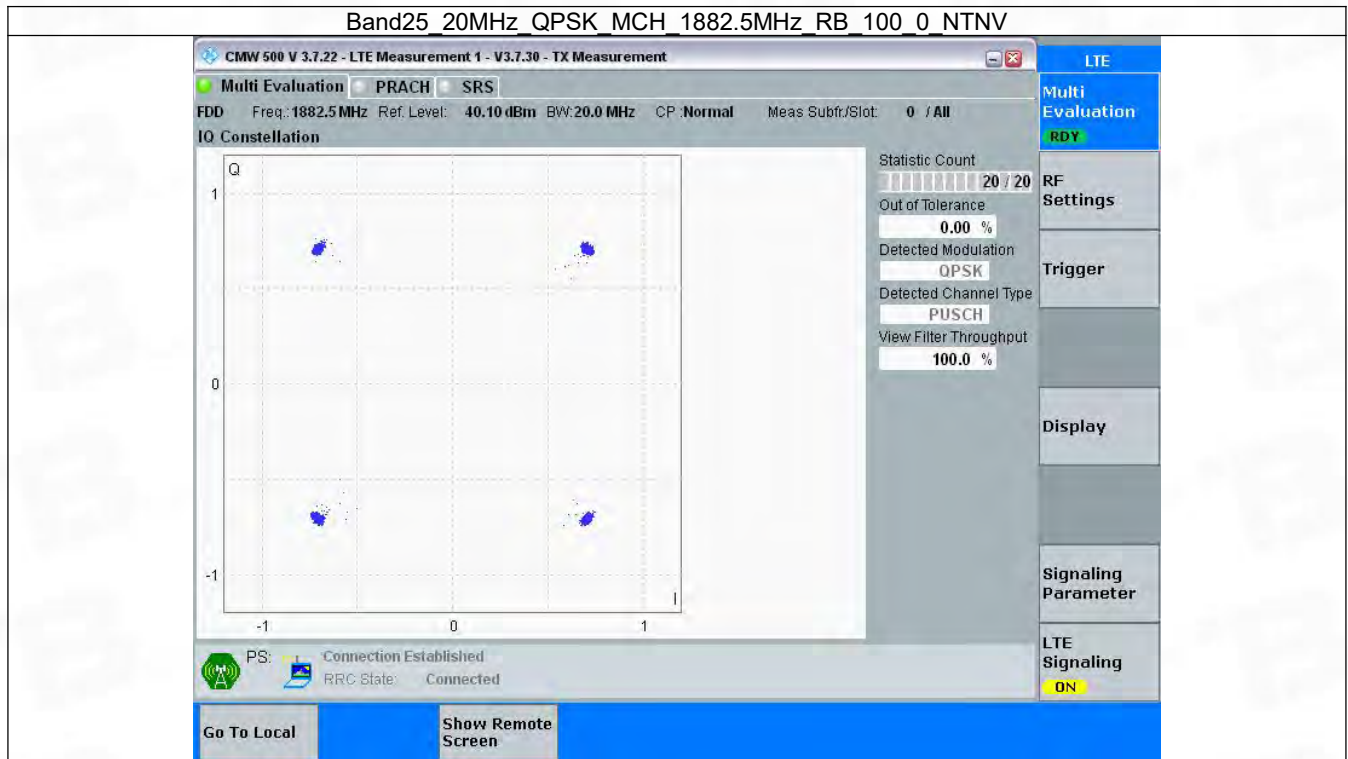


3.6 B25_20MHz

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



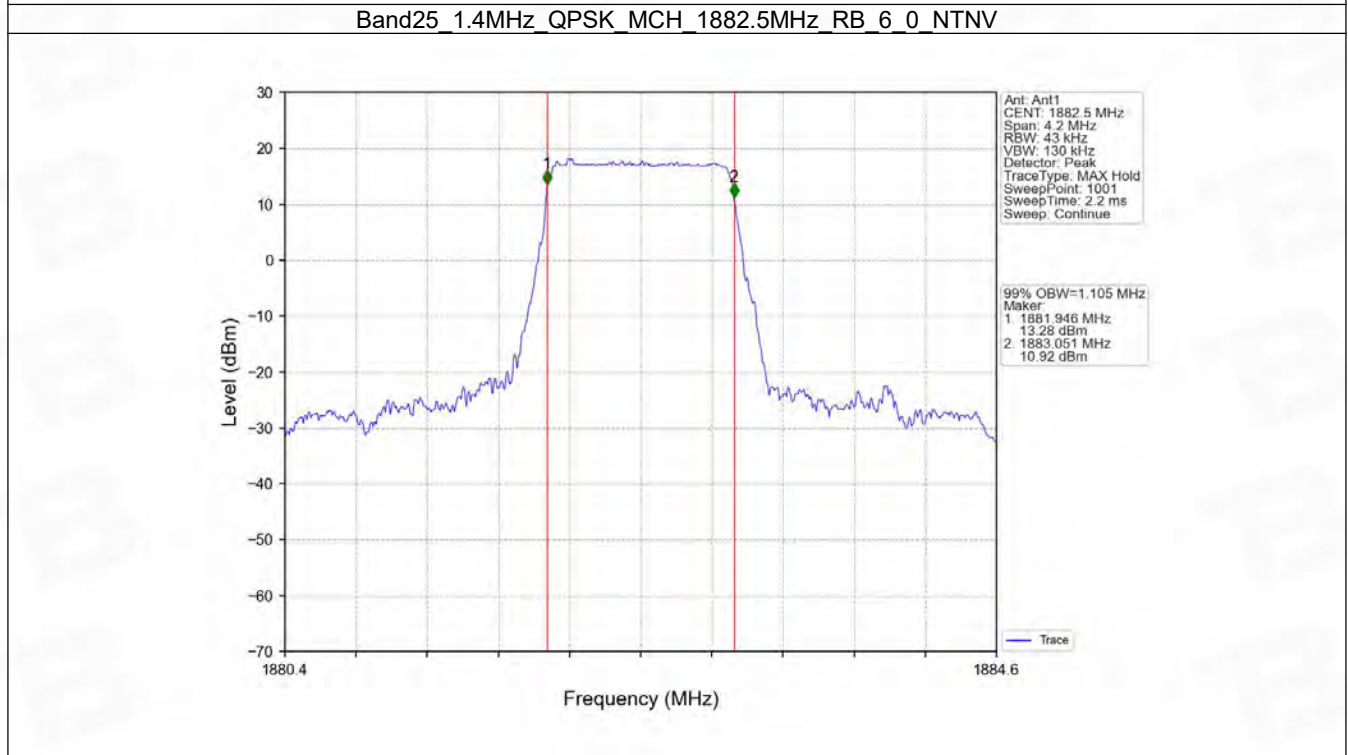
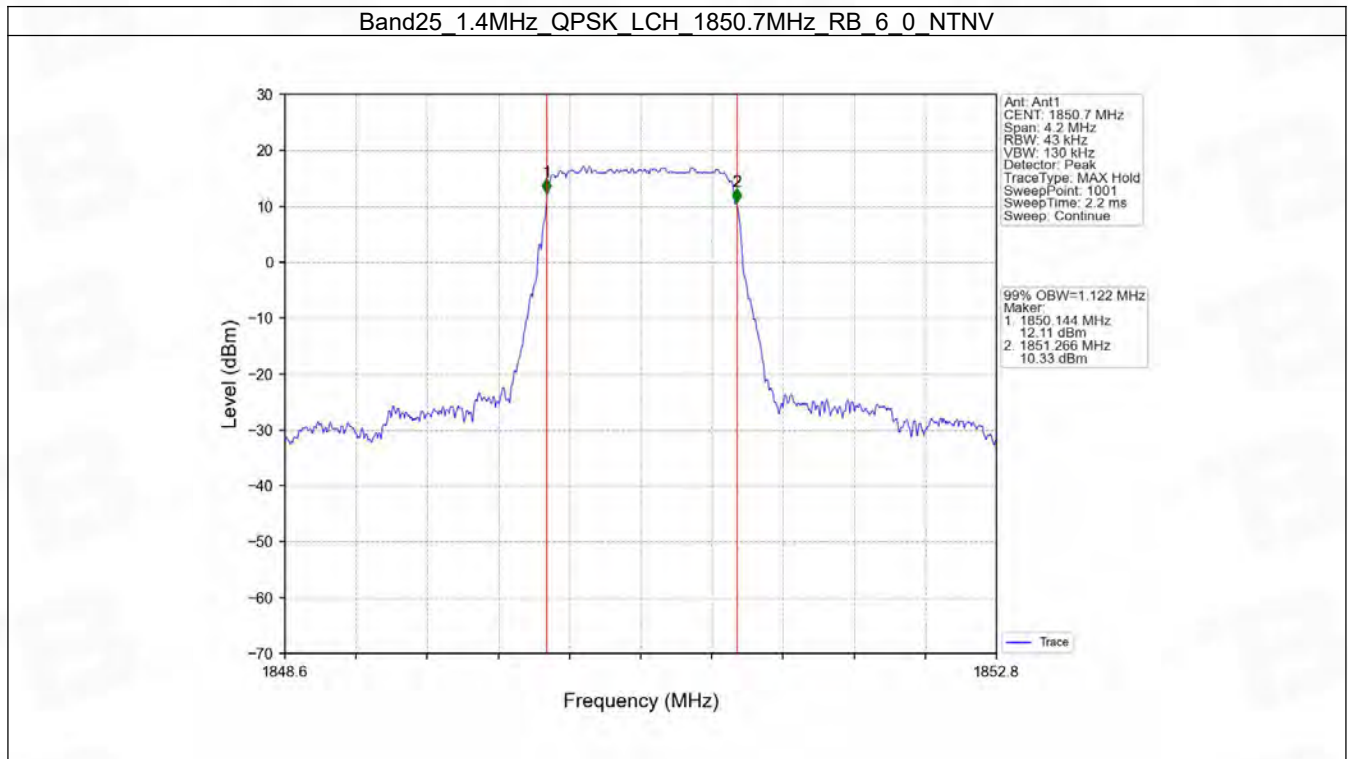
4. 99% & 26dB Bandwidth

4.1 Band25_OBW

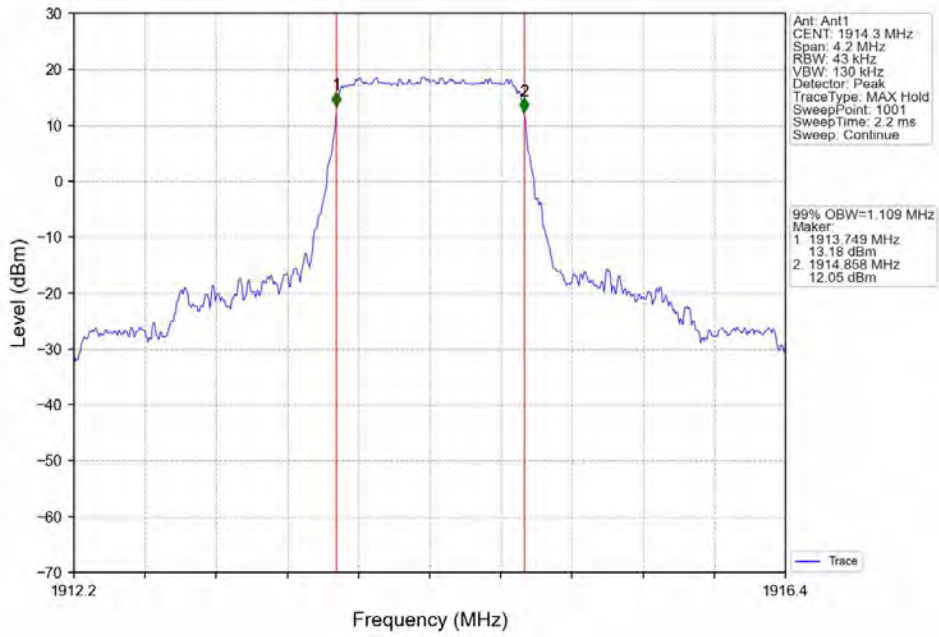
4.1.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.122	/	Pass
		1882.5	6	0	1.105	/	Pass
		1914.3	6	0	1.109	/	Pass
	16QAM	1850.7	6	0	1.113	/	Pass
		1882.5	6	0	1.118	/	Pass
		1914.3	6	0	1.109	/	Pass
3	QPSK	1851.5	15	0	2.744	/	Pass
		1882.5	15	0	2.743	/	Pass
		1913.5	15	0	2.737	/	Pass
	16QAM	1851.5	15	0	2.740	/	Pass
		1882.5	15	0	2.738	/	Pass
		1913.5	15	0	2.739	/	Pass
5	QPSK	1852.5	25	0	4.537	/	Pass
		1882.5	25	0	4.536	/	Pass
		1912.5	25	0	4.565	/	Pass
	16QAM	1852.5	25	0	4.559	/	Pass
		1882.5	25	0	4.559	/	Pass
		1912.5	25	0	4.543	/	Pass
10	QPSK	1855	50	0	9.061	/	Pass
		1882.5	50	0	9.031	/	Pass
		1910	50	0	9.053	/	Pass
	16QAM	1855	50	0	9.031	/	Pass
		1882.5	50	0	9.029	/	Pass
		1910	50	0	9.061	/	Pass
15	QPSK	1857.5	75	0	13.517	/	Pass
		1882.5	75	0	13.526	/	Pass
		1907.5	75	0	13.563	/	Pass
	16QAM	1857.5	75	0	13.561	/	Pass
		1882.5	75	0	13.541	/	Pass
		1907.5	75	0	13.548	/	Pass
20	QPSK	1860	100	0	18.010	/	Pass
		1882.5	100	0	18.015	/	Pass
		1905	100	0	18.038	/	Pass
	16QAM	1860	100	0	18.028	/	Pass
		1882.5	100	0	18.033	/	Pass
		1905	100	0	18.067	/	Pass

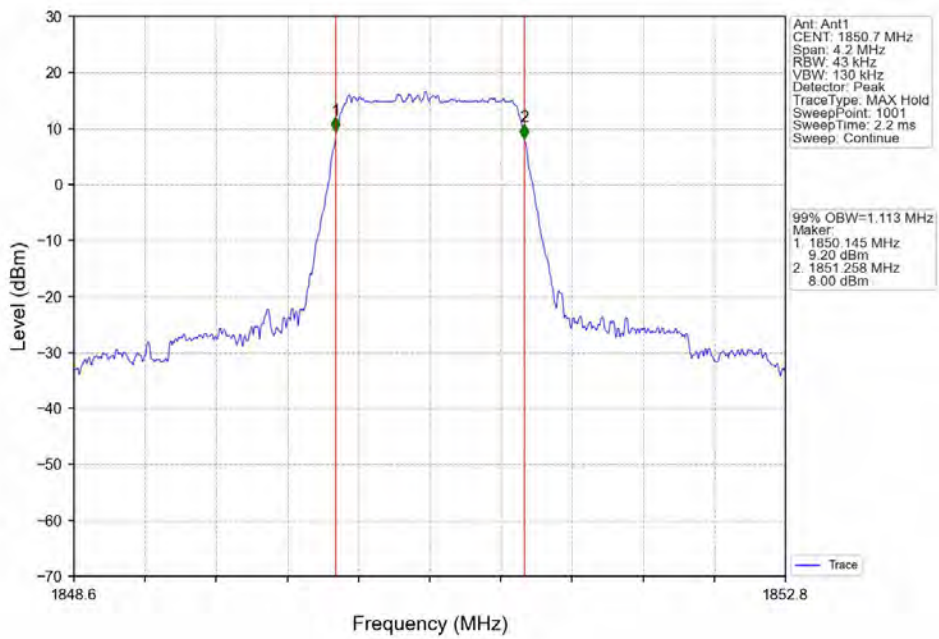
4.1.2 Test Graph



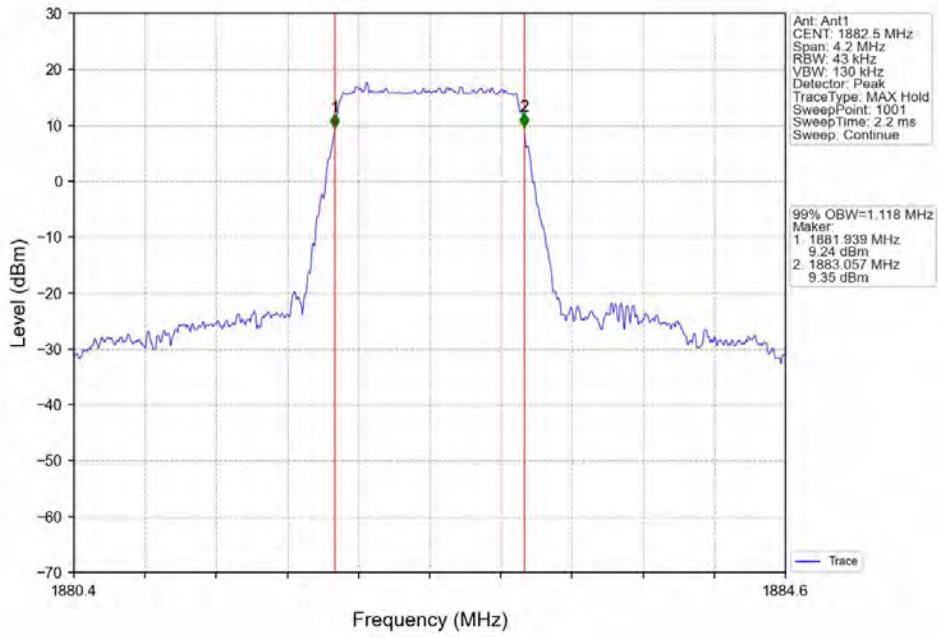
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



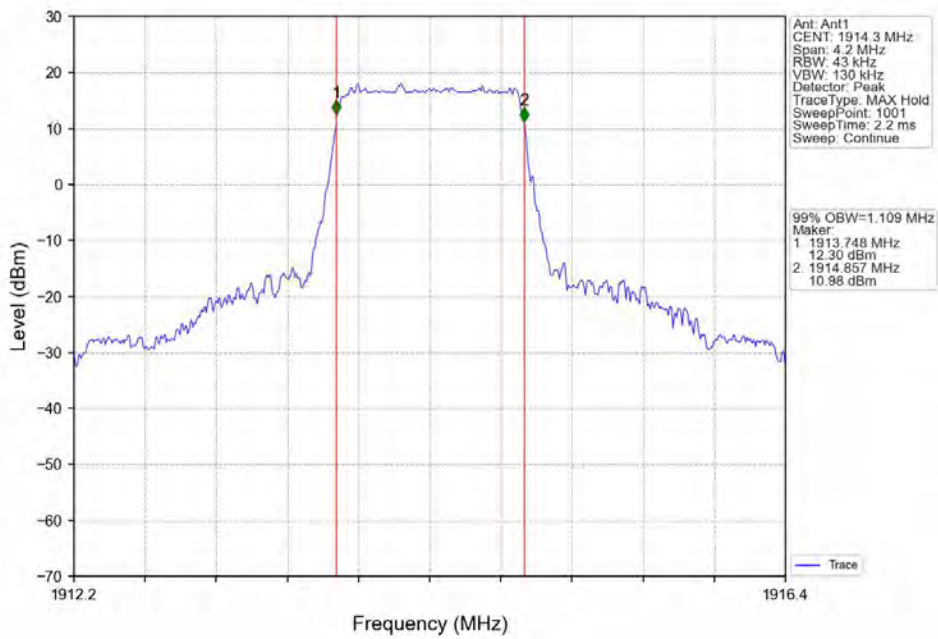
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



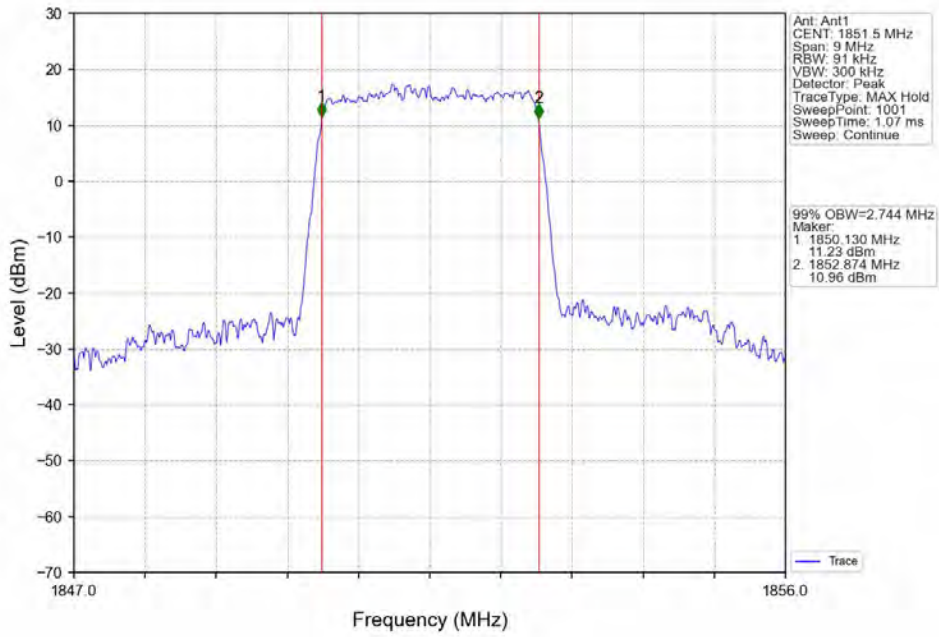
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



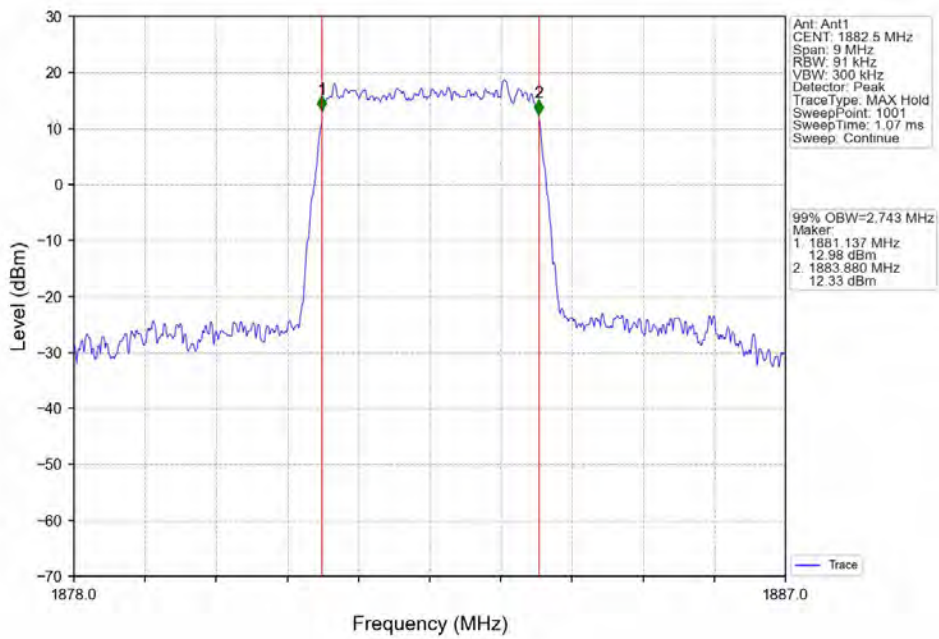
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



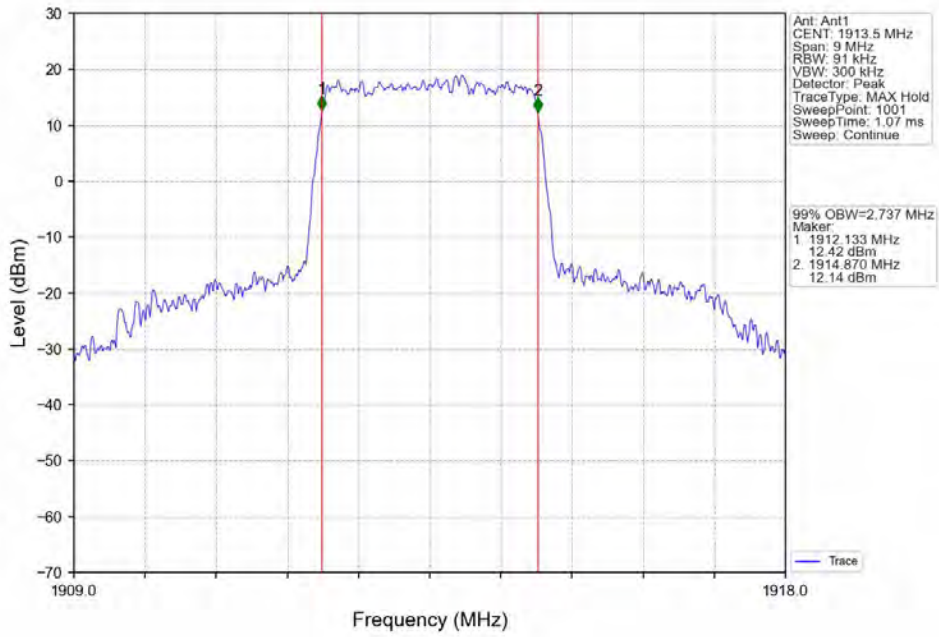
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



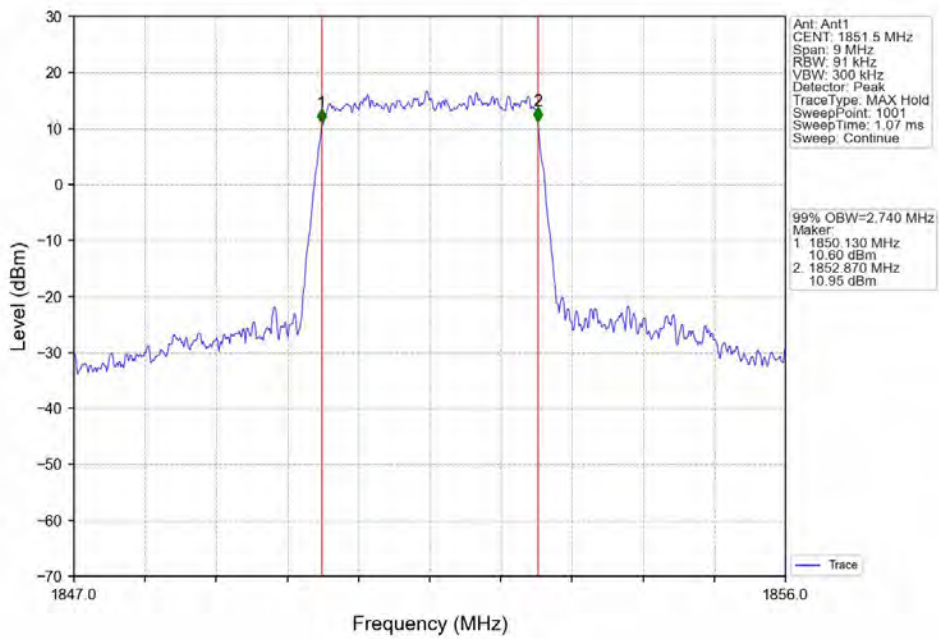
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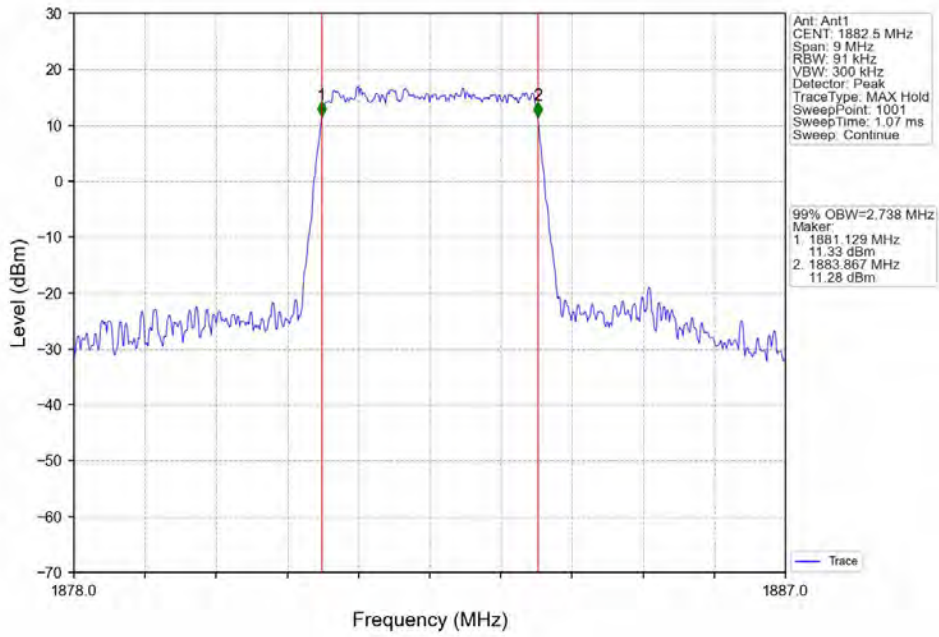
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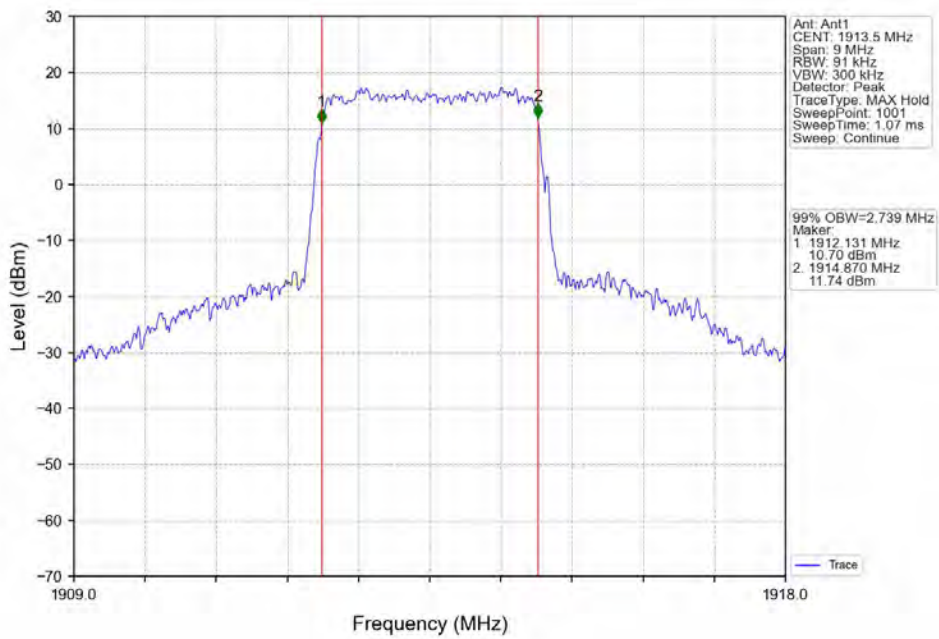
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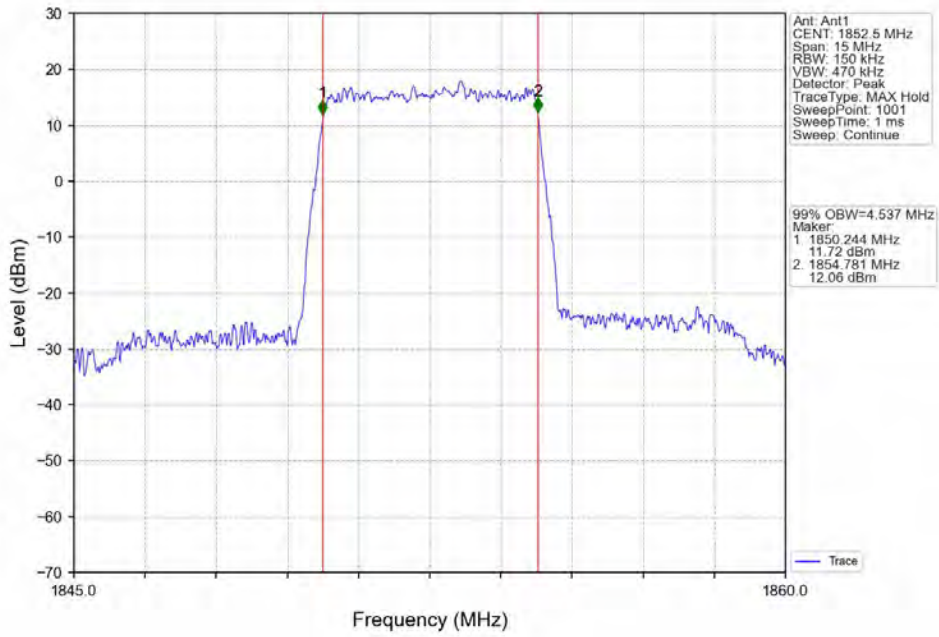
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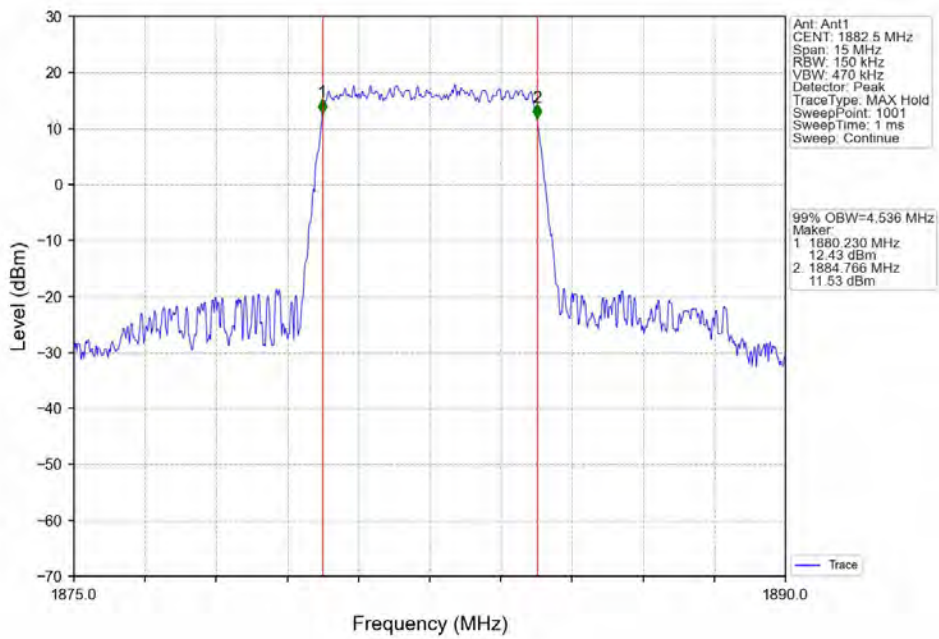
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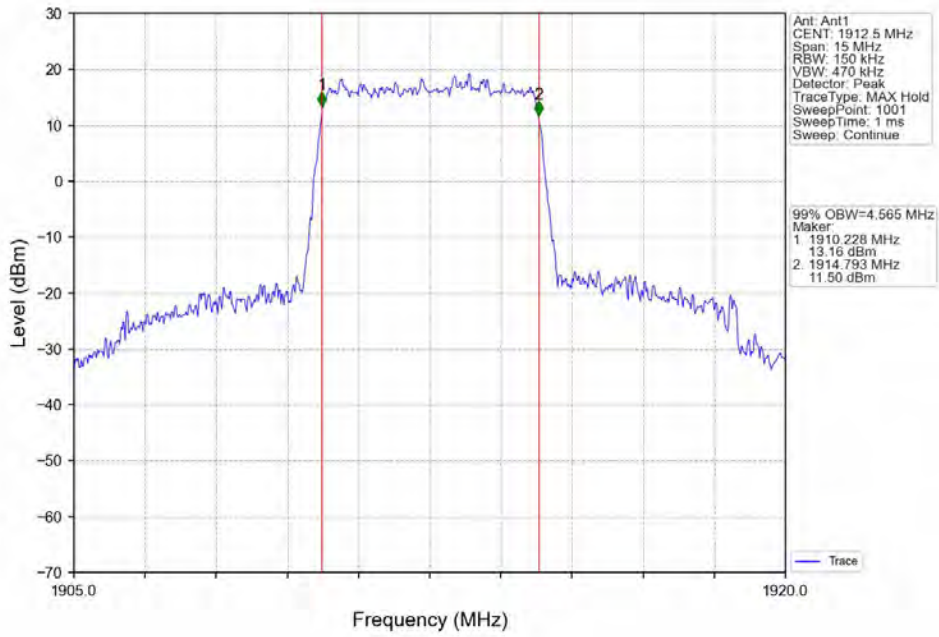
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



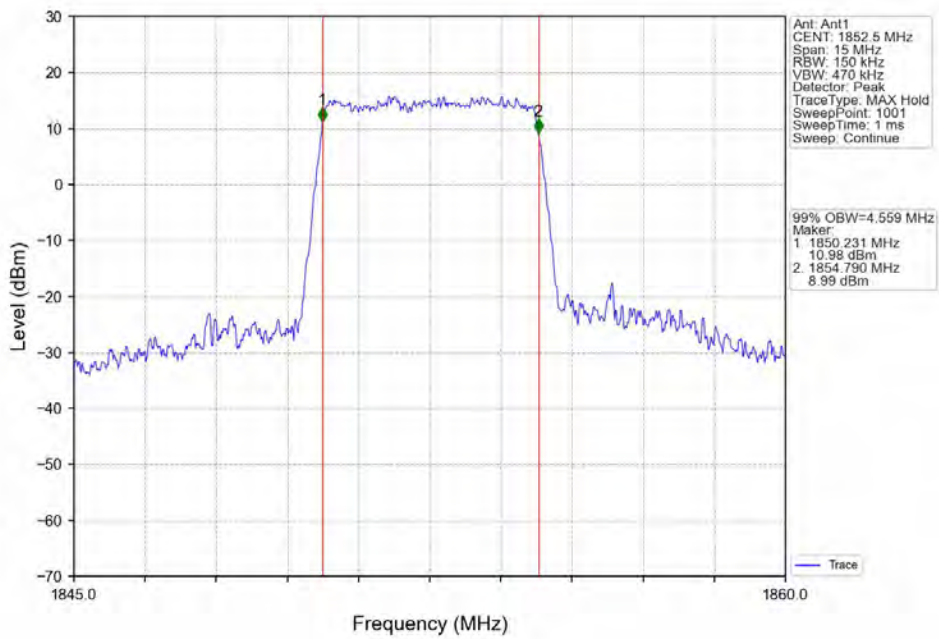
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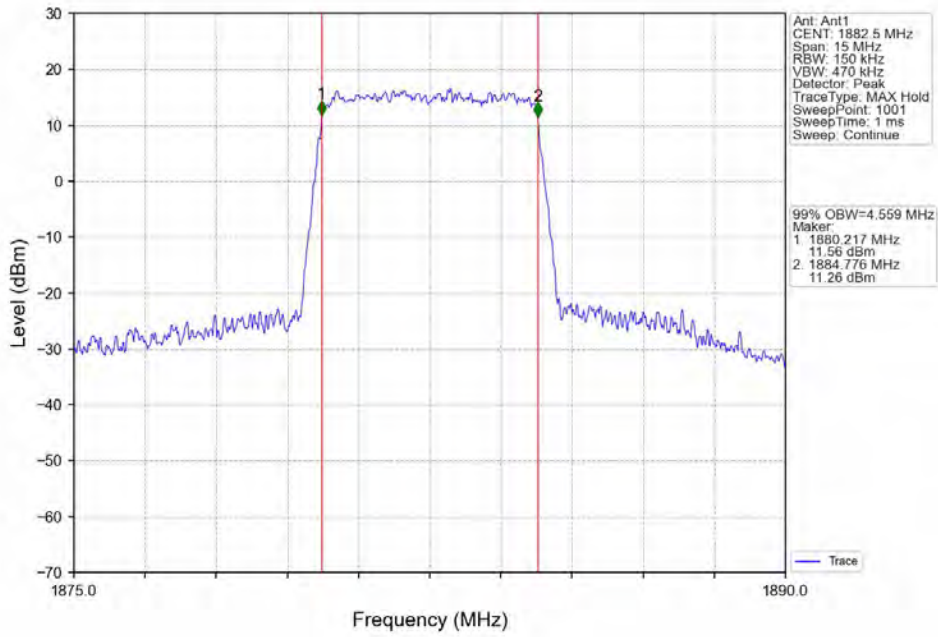
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



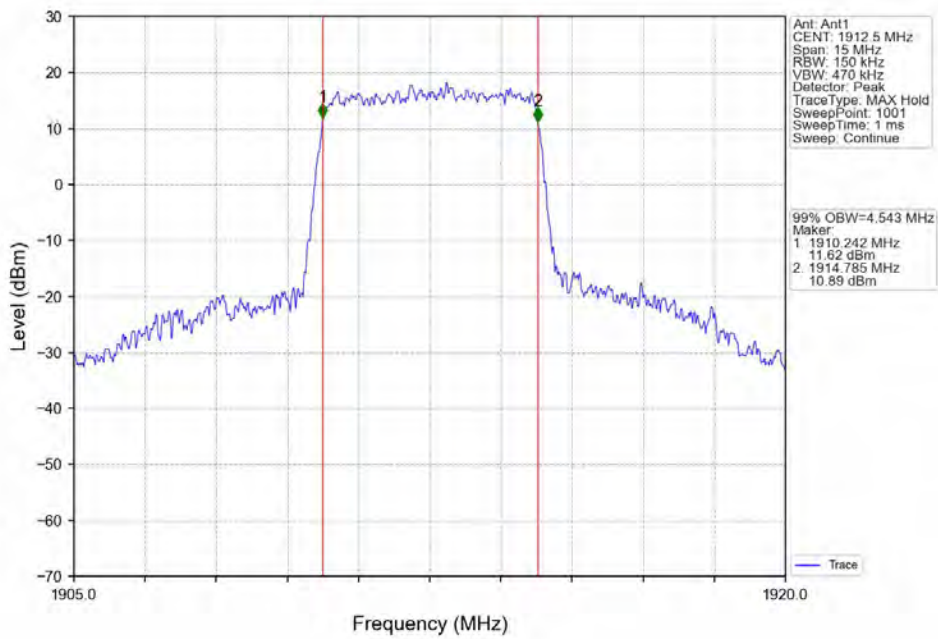
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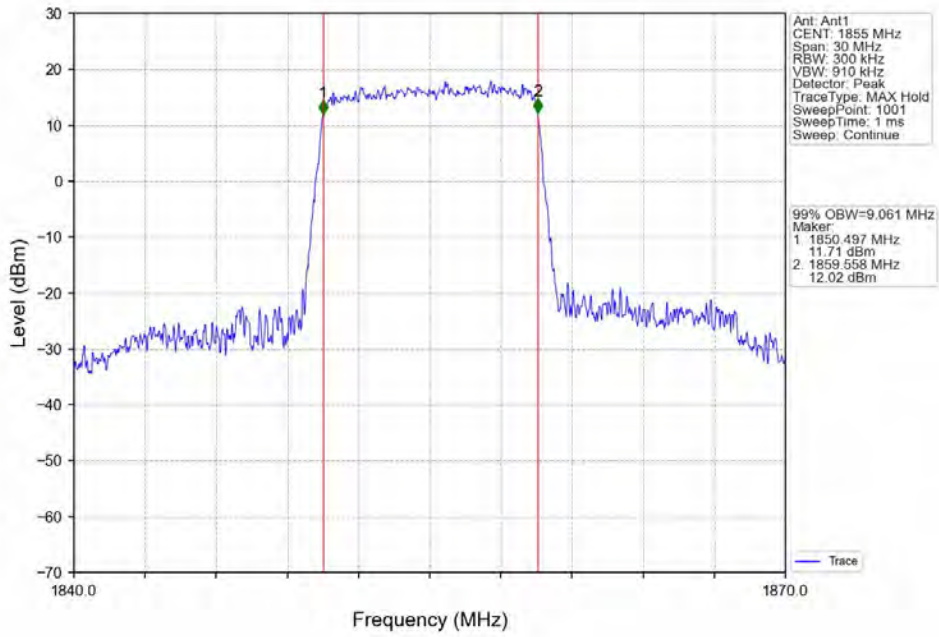
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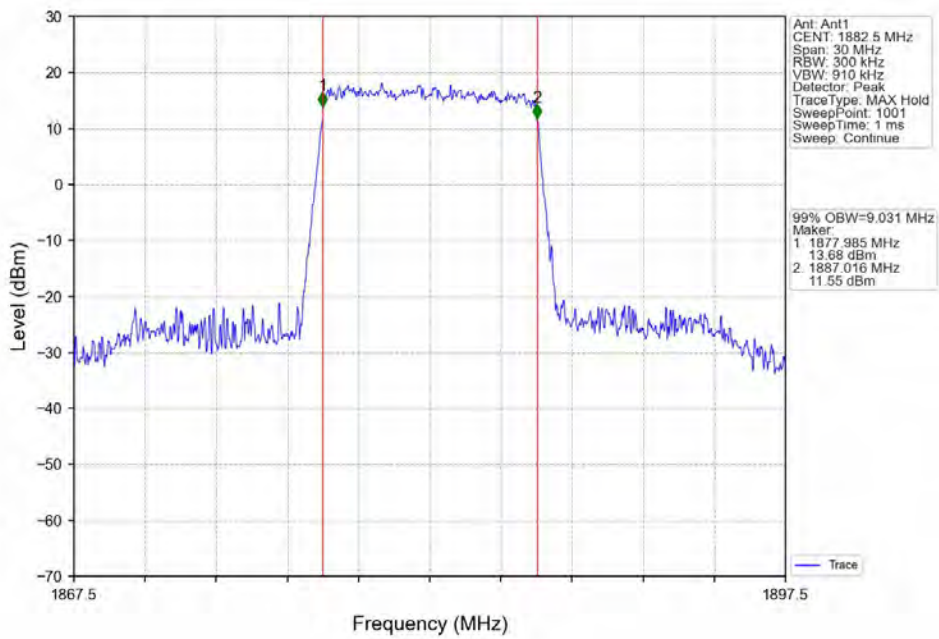
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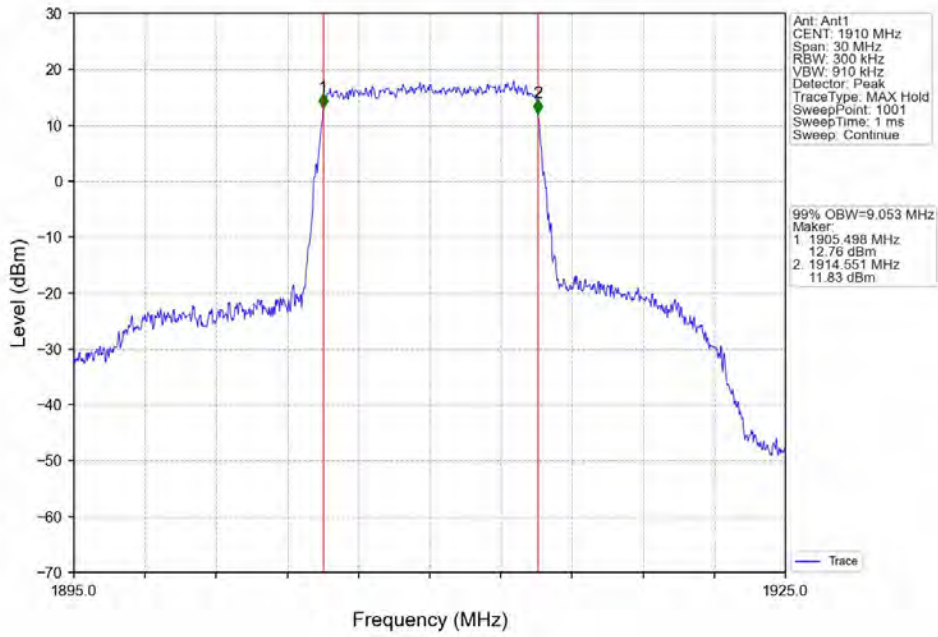
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



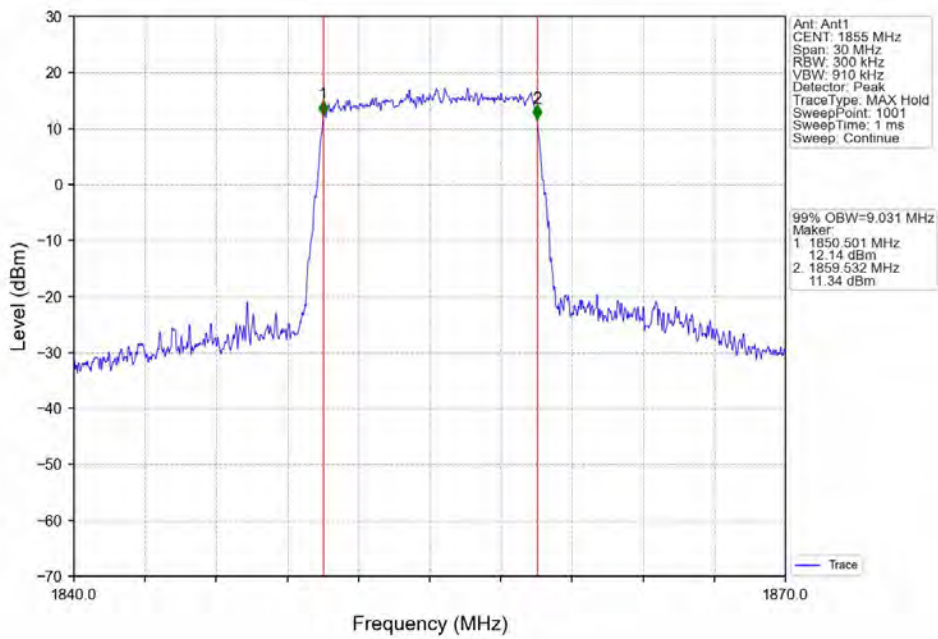
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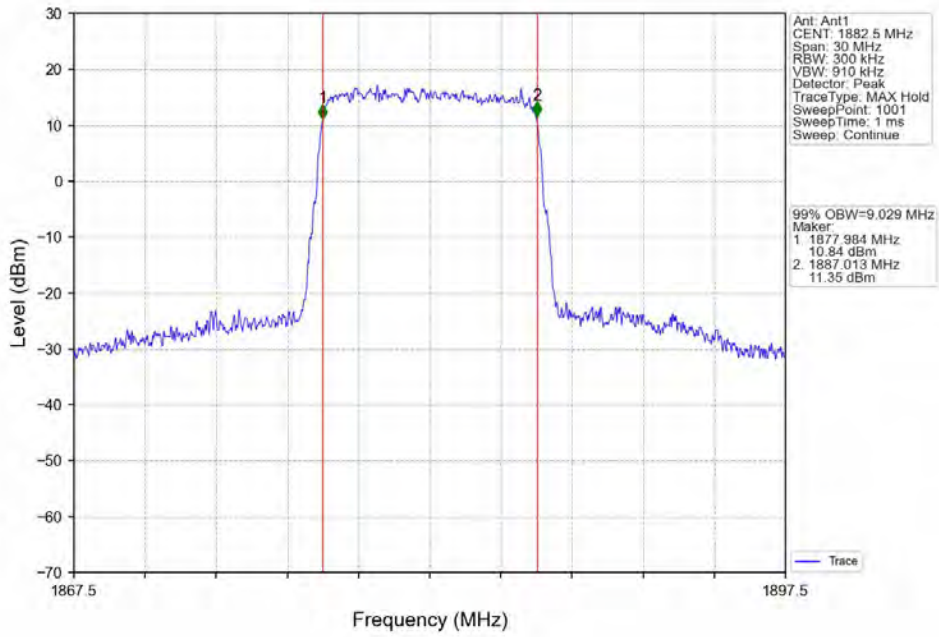
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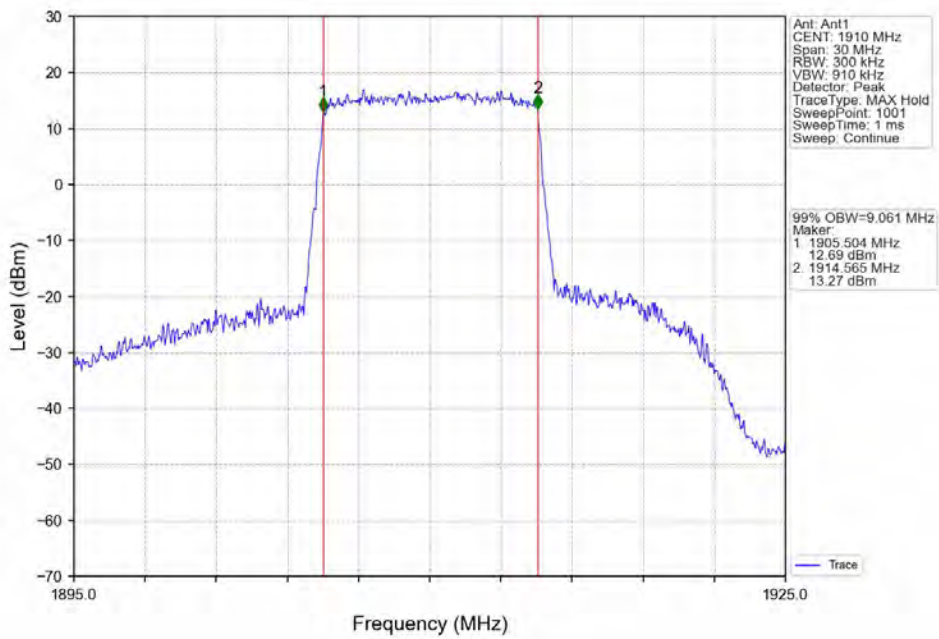
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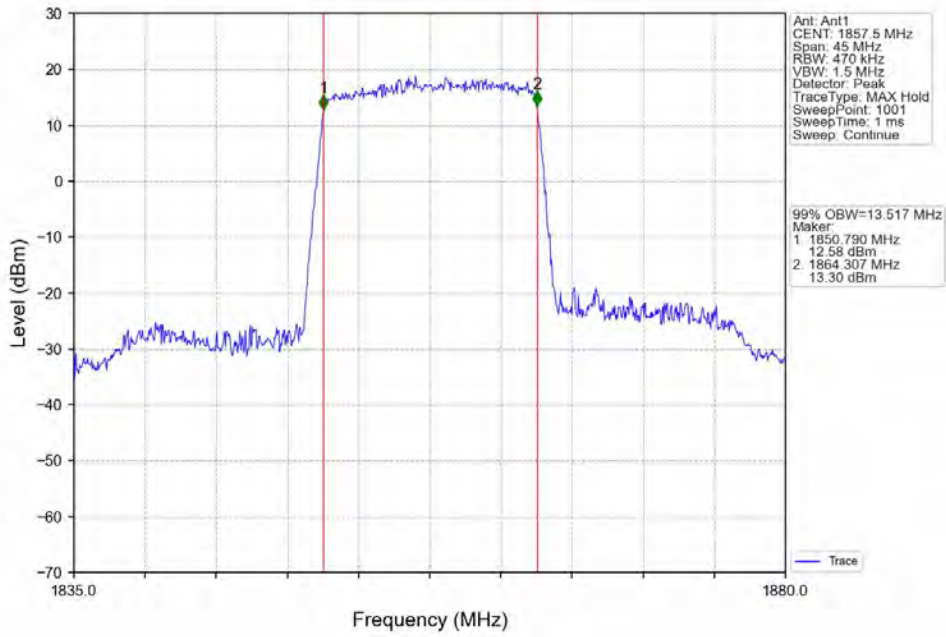
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



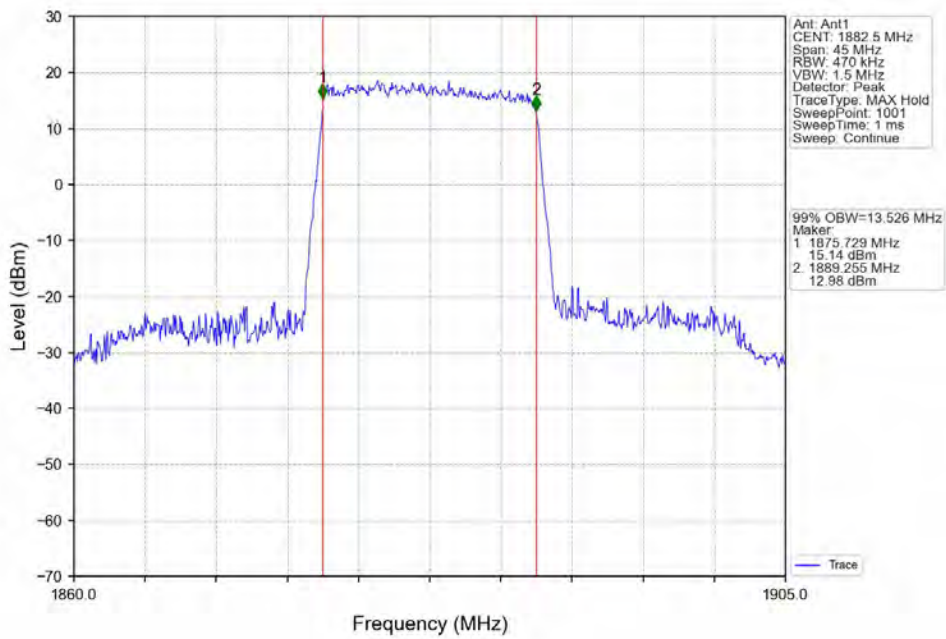
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



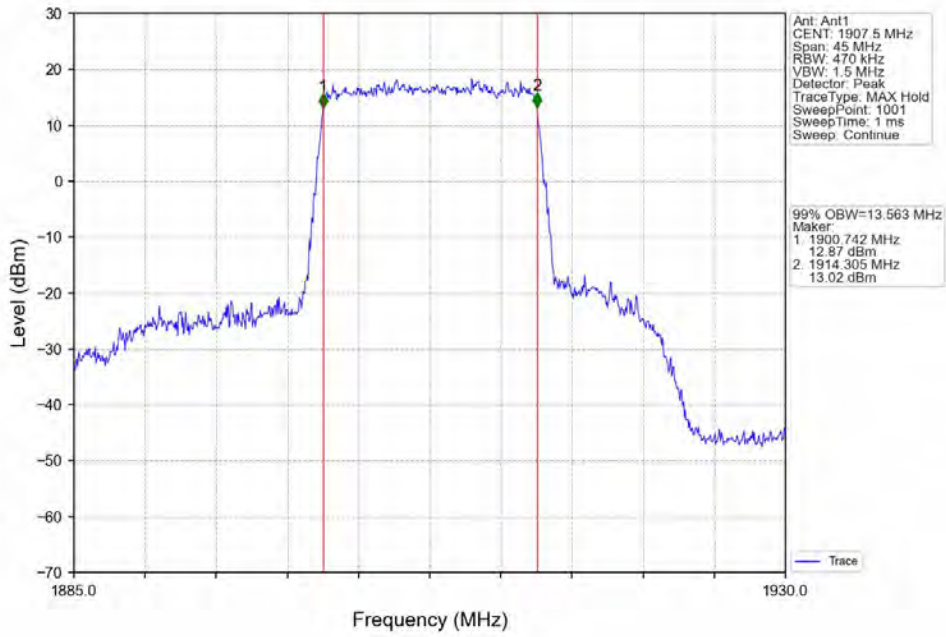
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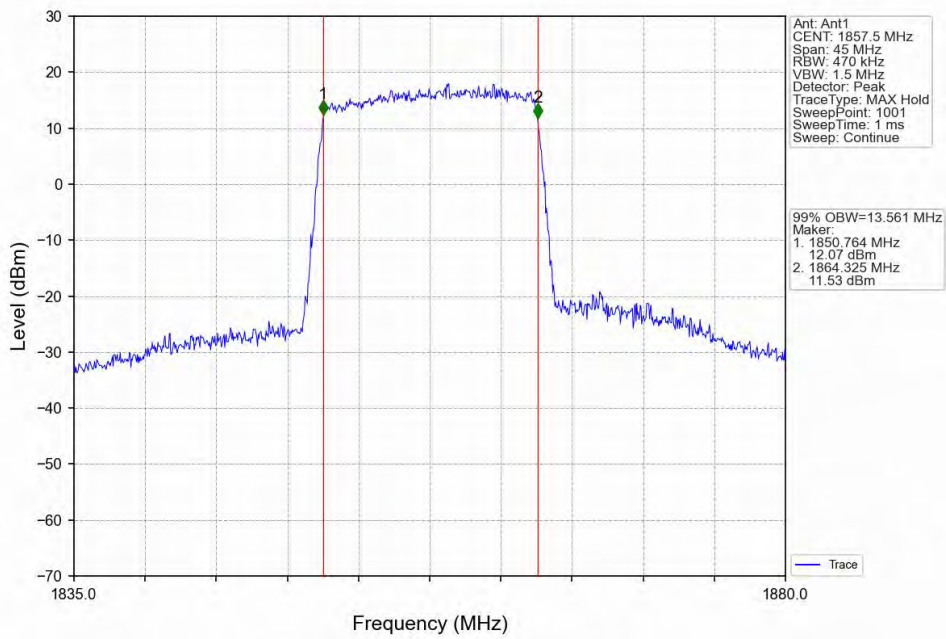
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



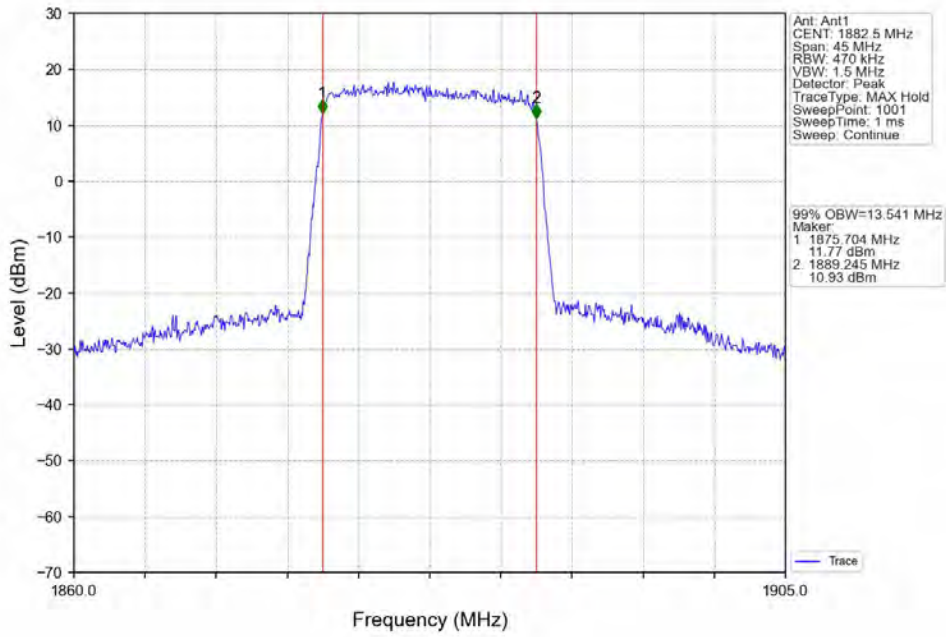
Band25 15MHz QPSK HCH 1907.5MHz RB 75_0 NTN



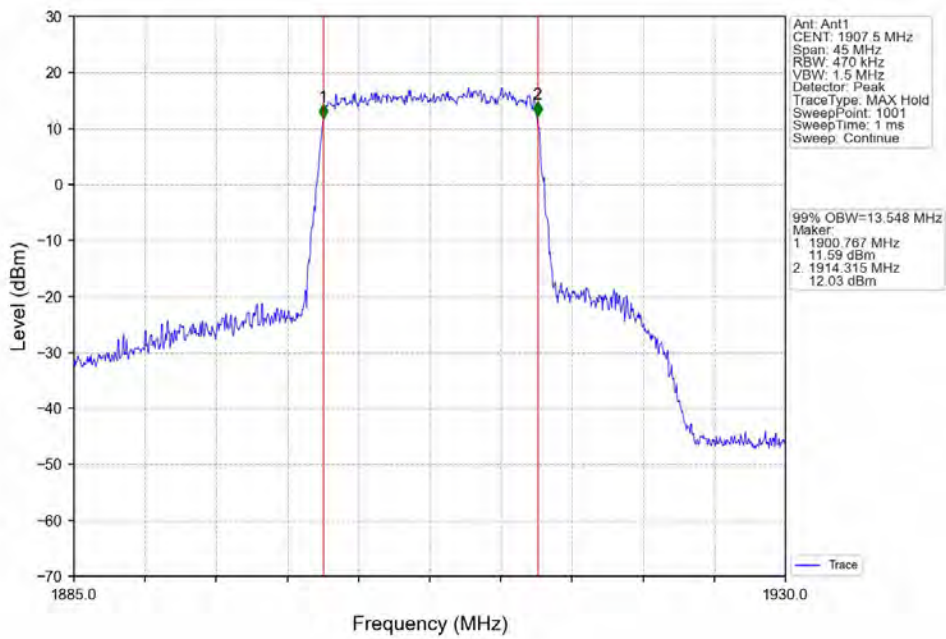
Band25 15MHz 16QAM LCH 1857.5MHz RB 75_0 NTN



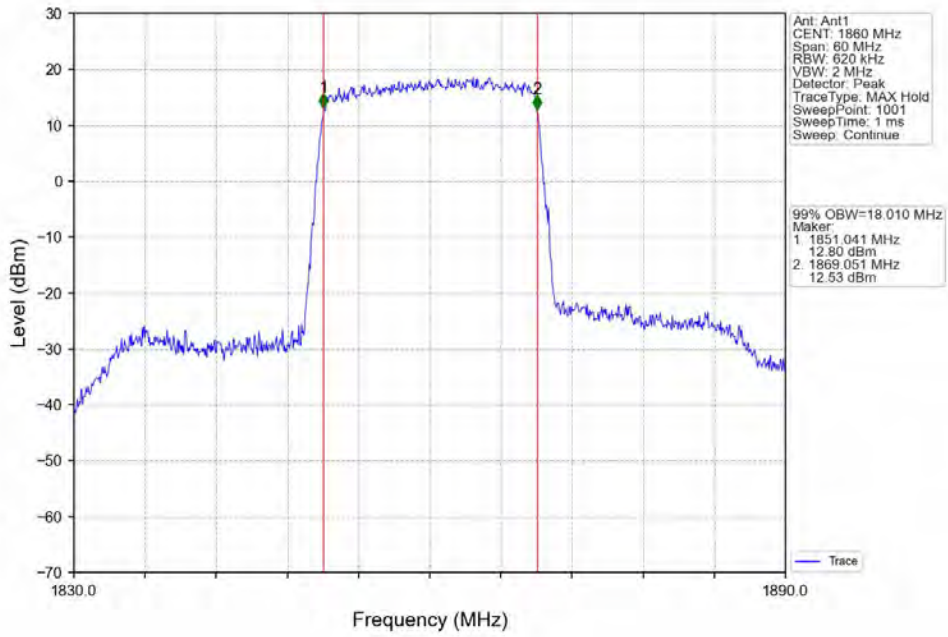
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



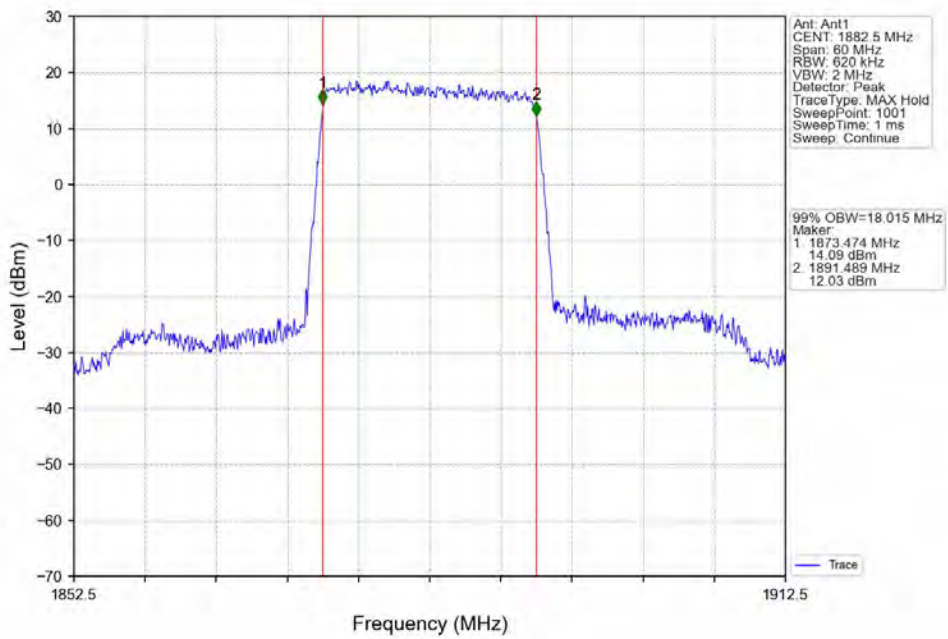
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



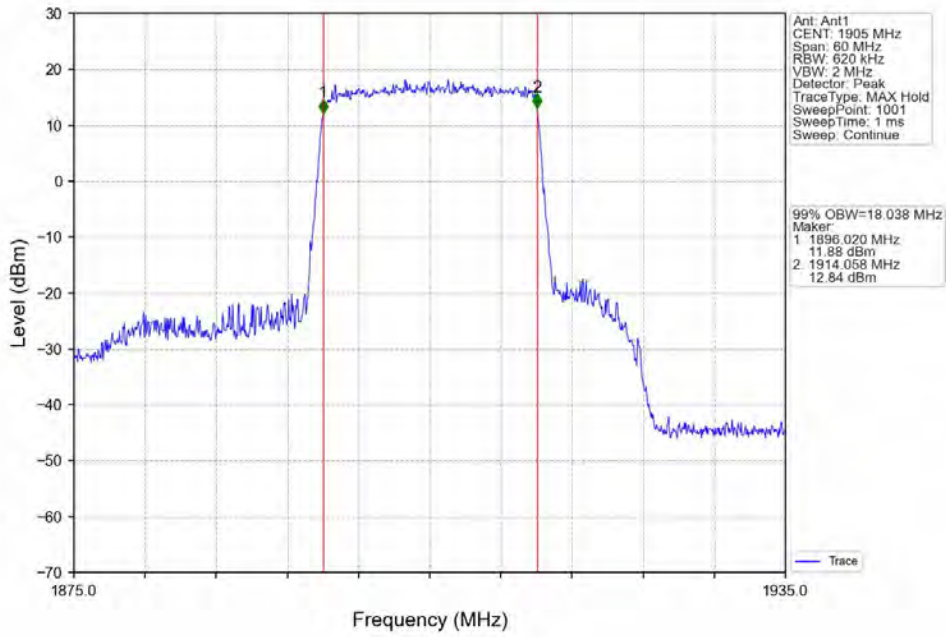
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



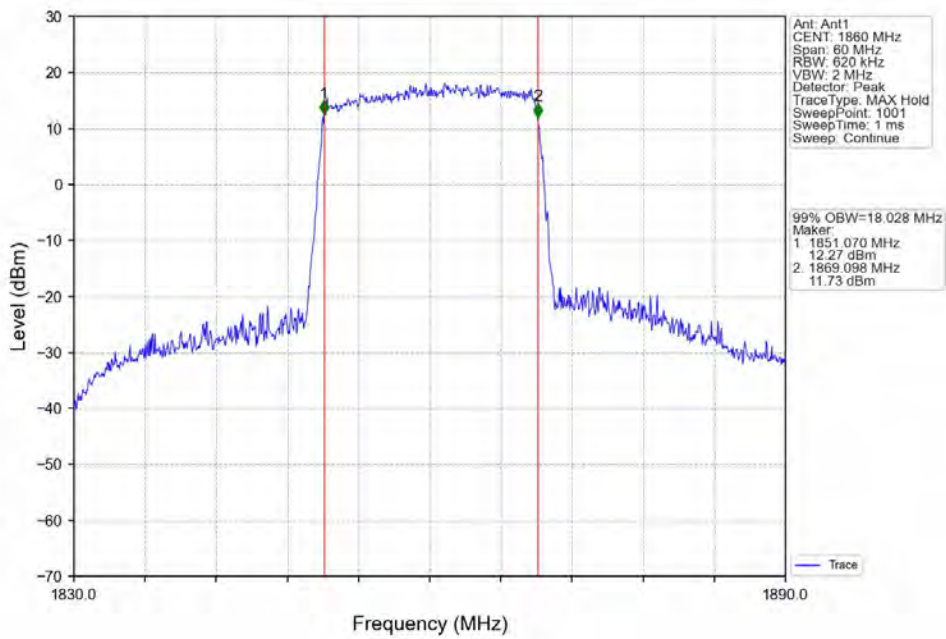
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



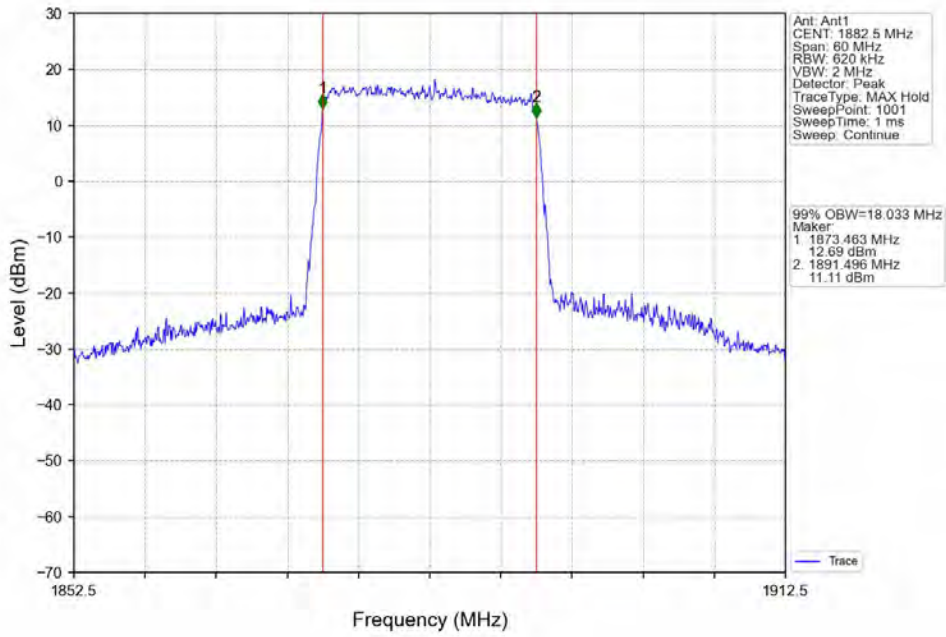
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



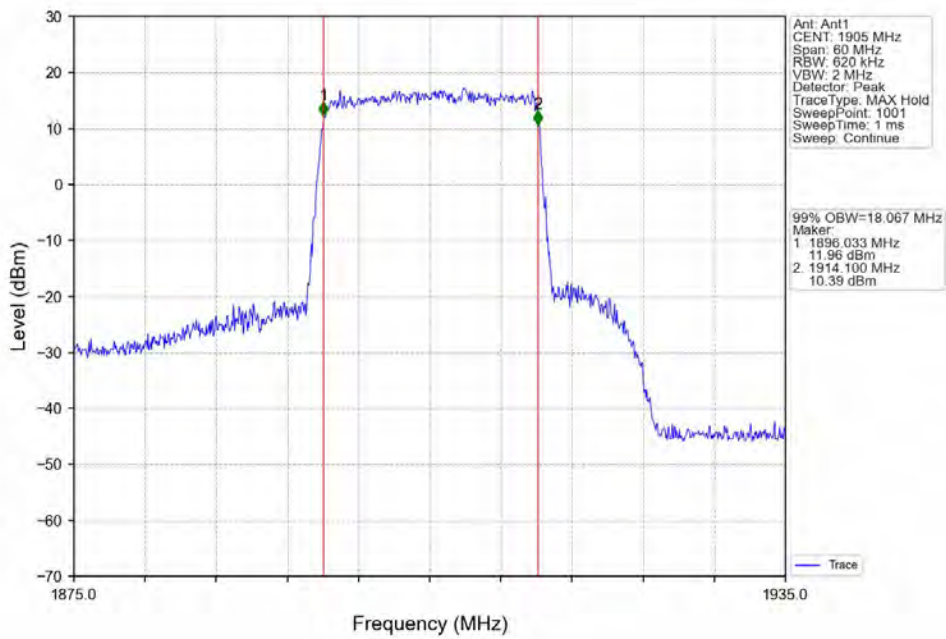
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV

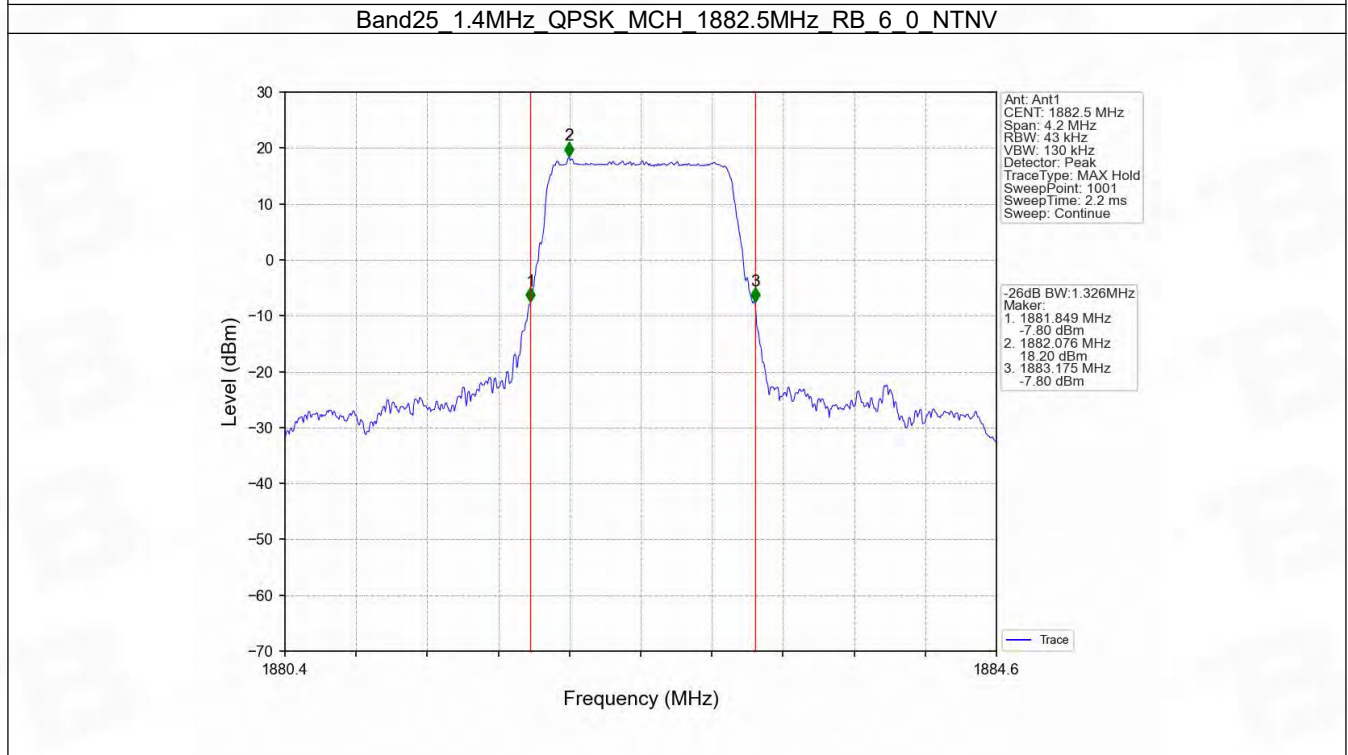
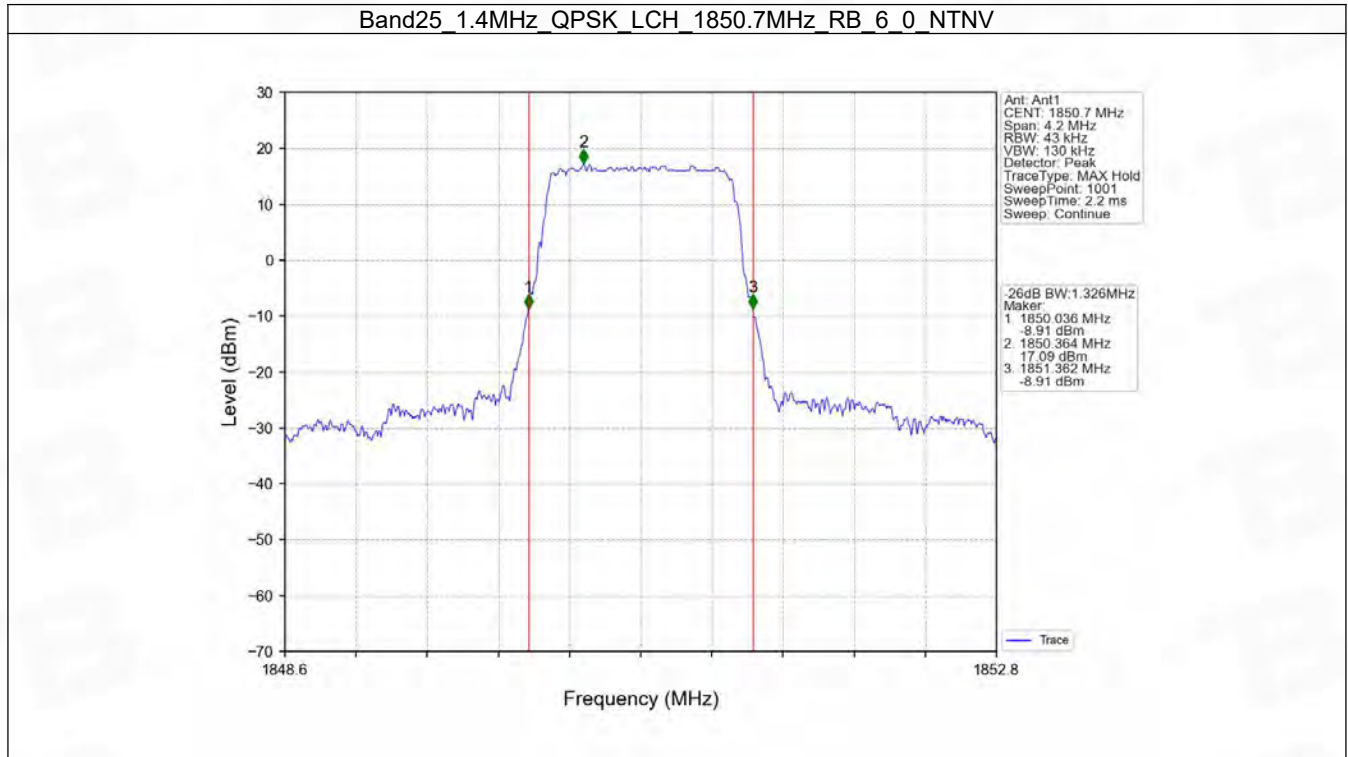


4.2 Band25_XDB

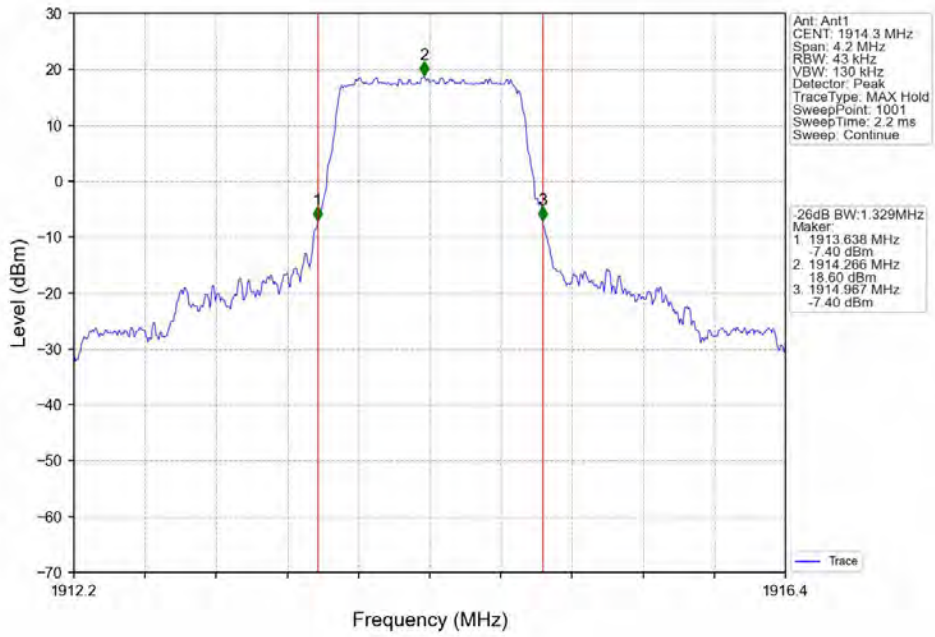
4.2.1 Test Result

Band: 25 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.326	/	Pass
		1882.5	6	0	1.326	/	Pass
		1914.3	6	0	1.329	/	Pass
	16QAM	1850.7	6	0	1.322	/	Pass
		1882.5	6	0	1.345	/	Pass
		1914.3	6	0	1.313	/	Pass
3	QPSK	1851.5	15	0	3.058	/	Pass
		1882.5	15	0	3.051	/	Pass
		1913.5	15	0	3.049	/	Pass
	16QAM	1851.5	15	0	3.054	/	Pass
		1882.5	15	0	3.035	/	Pass
		1913.5	15	0	3.050	/	Pass
5	QPSK	1852.5	25	0	5.097	/	Pass
		1882.5	25	0	5.092	/	Pass
		1912.5	25	0	5.066	/	Pass
	16QAM	1852.5	25	0	5.084	/	Pass
		1882.5	25	0	5.099	/	Pass
		1912.5	25	0	5.048	/	Pass
10	QPSK	1855	50	0	10.022	/	Pass
		1882.5	50	0	9.969	/	Pass
		1910	50	0	10.126	/	Pass
	16QAM	1855	50	0	10.009	/	Pass
		1882.5	50	0	9.984	/	Pass
		1910	50	0	10.011	/	Pass
15	QPSK	1857.5	75	0	14.842	/	Pass
		1882.5	75	0	14.966	/	Pass
		1907.5	75	0	15.039	/	Pass
	16QAM	1857.5	75	0	14.811	/	Pass
		1882.5	75	0	14.949	/	Pass
		1907.5	75	0	15.034	/	Pass
20	QPSK	1860	100	0	19.851	/	Pass
		1882.5	100	0	19.773	/	Pass
		1905	100	0	19.735	/	Pass
	16QAM	1860	100	0	19.725	/	Pass
		1882.5	100	0	19.671	/	Pass
		1905	100	0	19.754	/	Pass

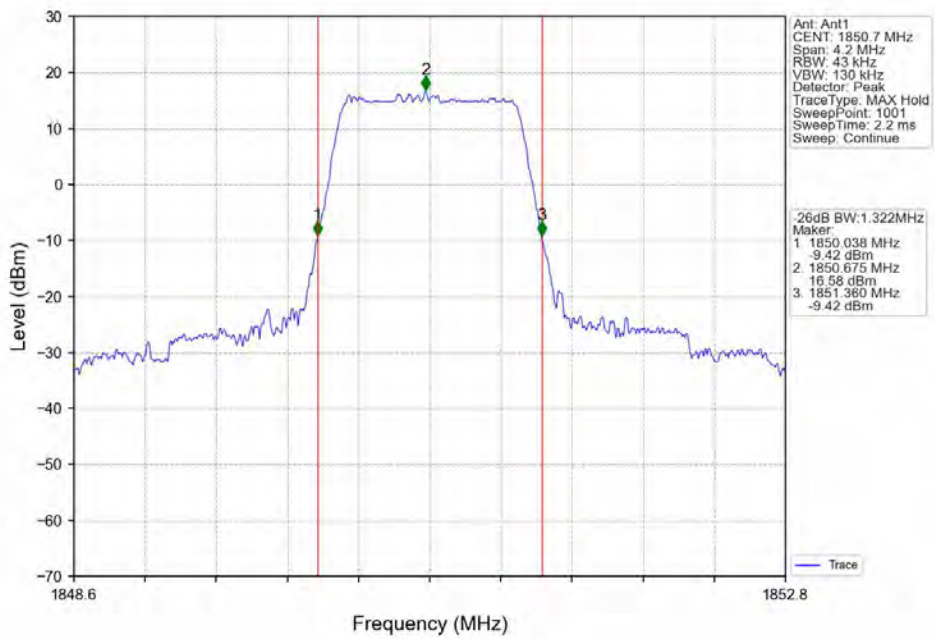
4.2.2 Test Graph



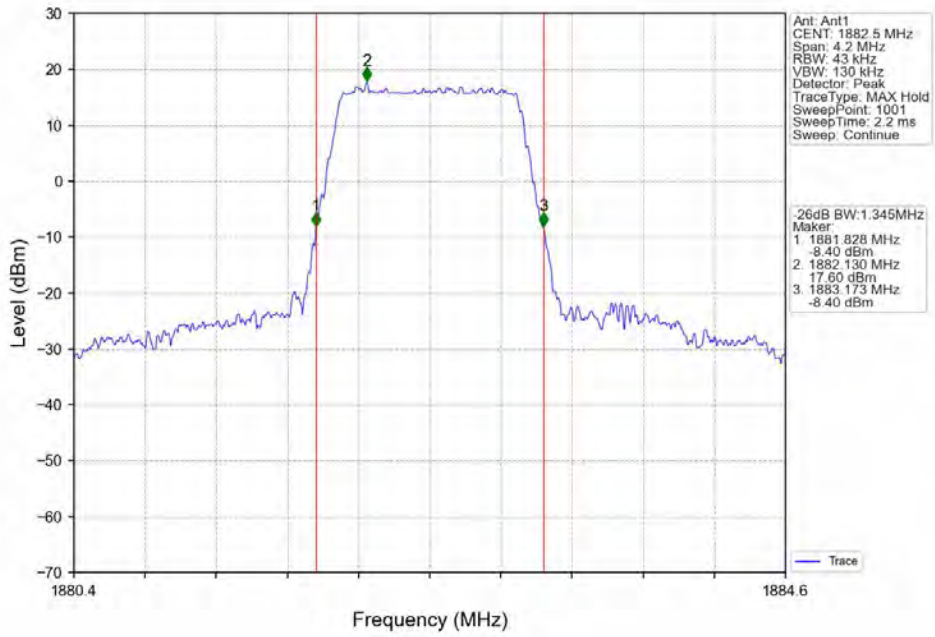
Band25_1.4MHz_QPSK_HCH_1914.3MHz_RB_6_0_NTNV



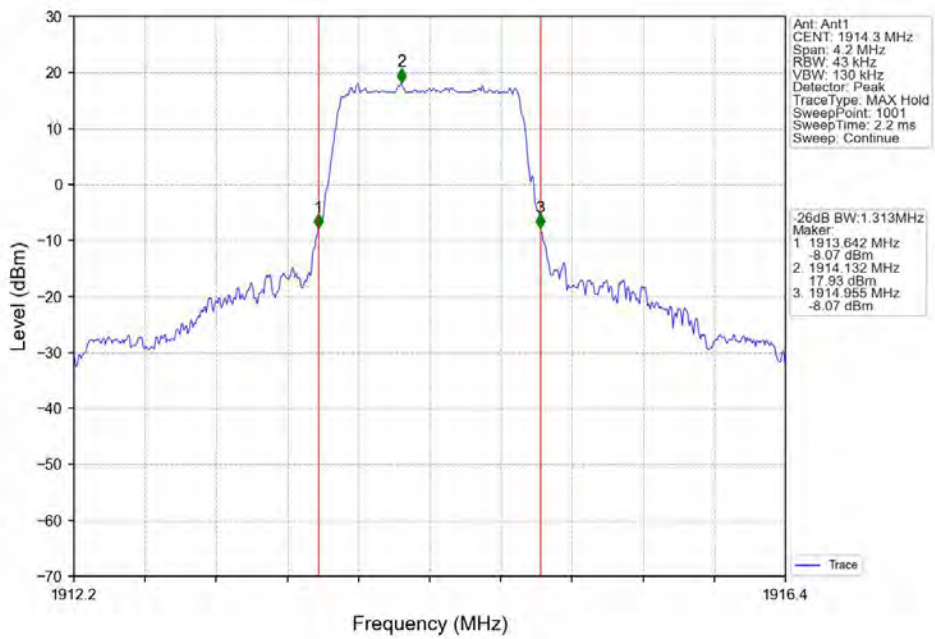
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



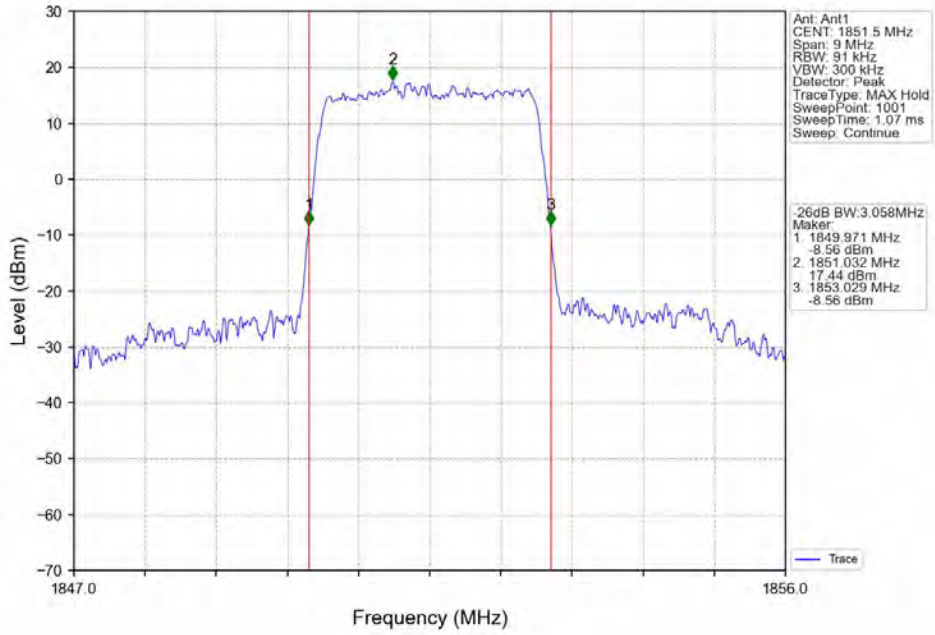
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



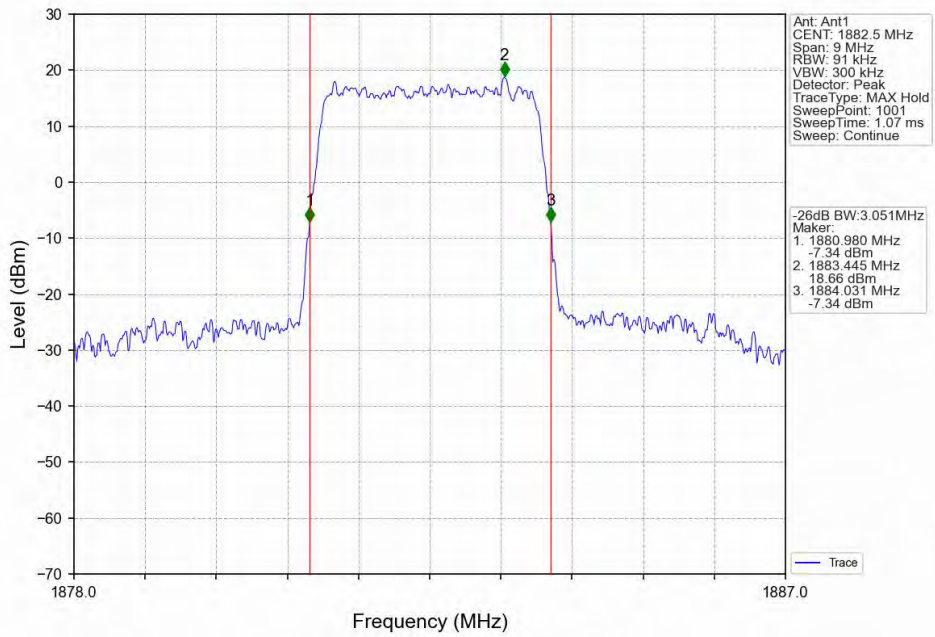
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV



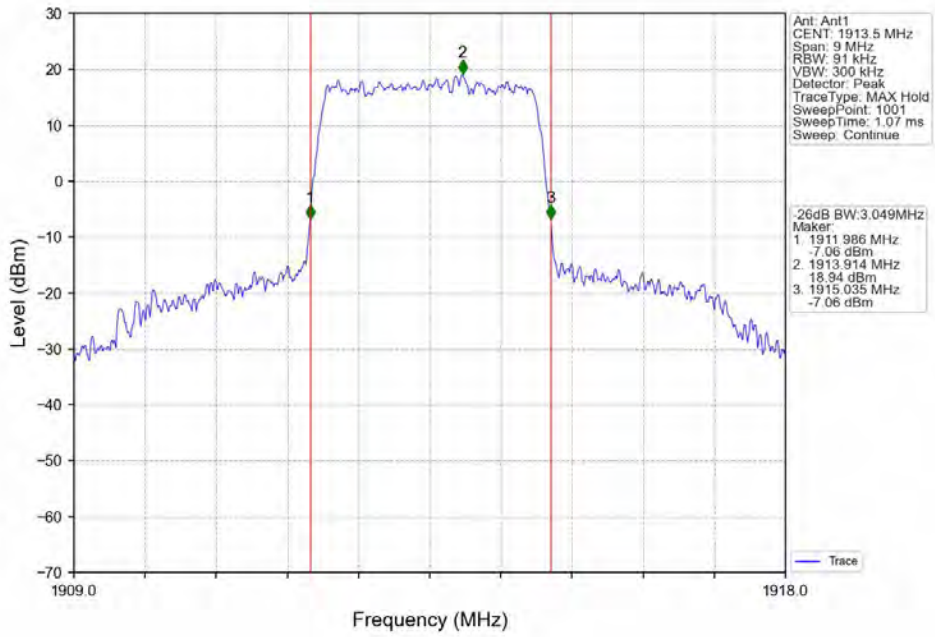
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



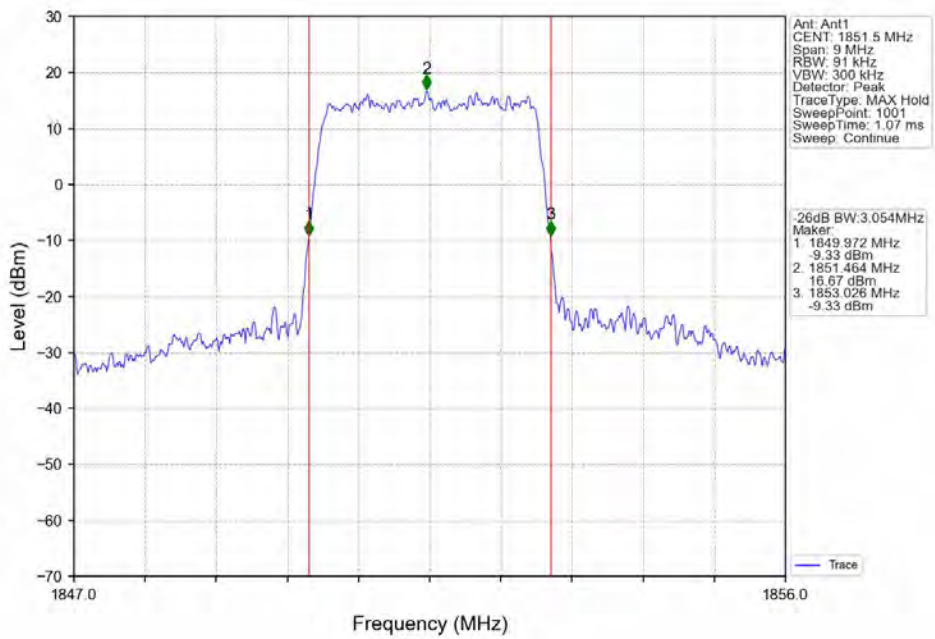
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



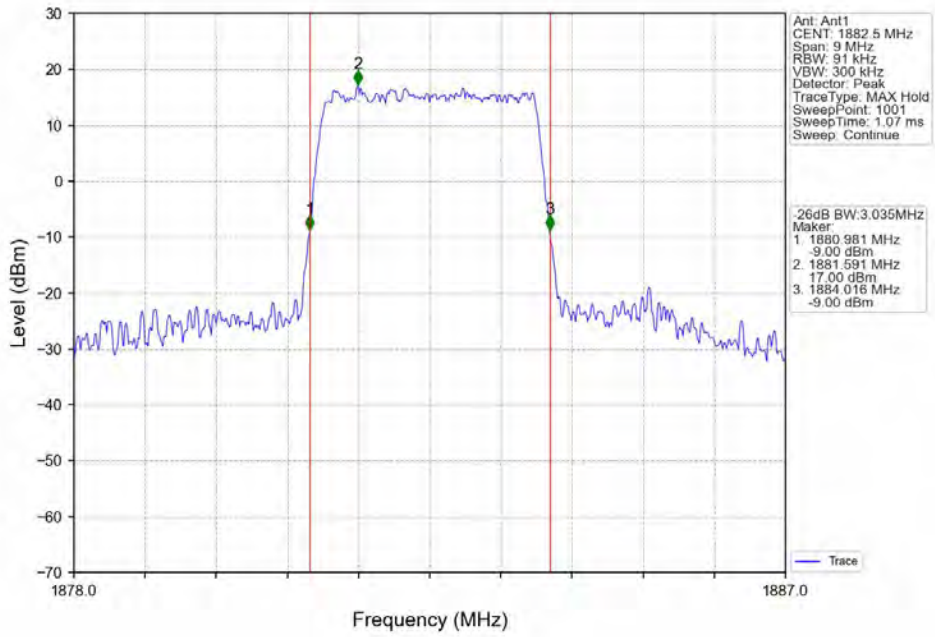
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



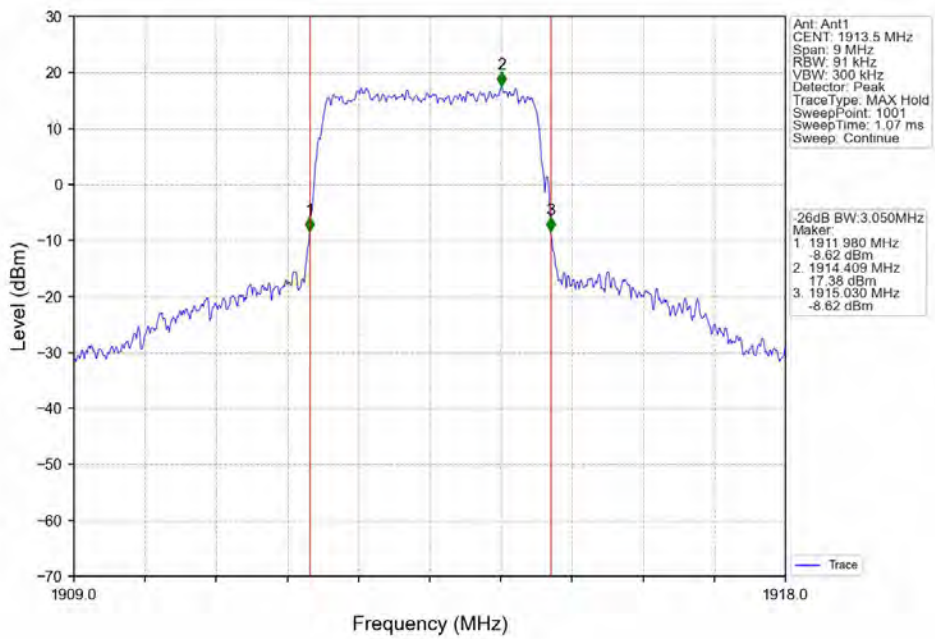
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



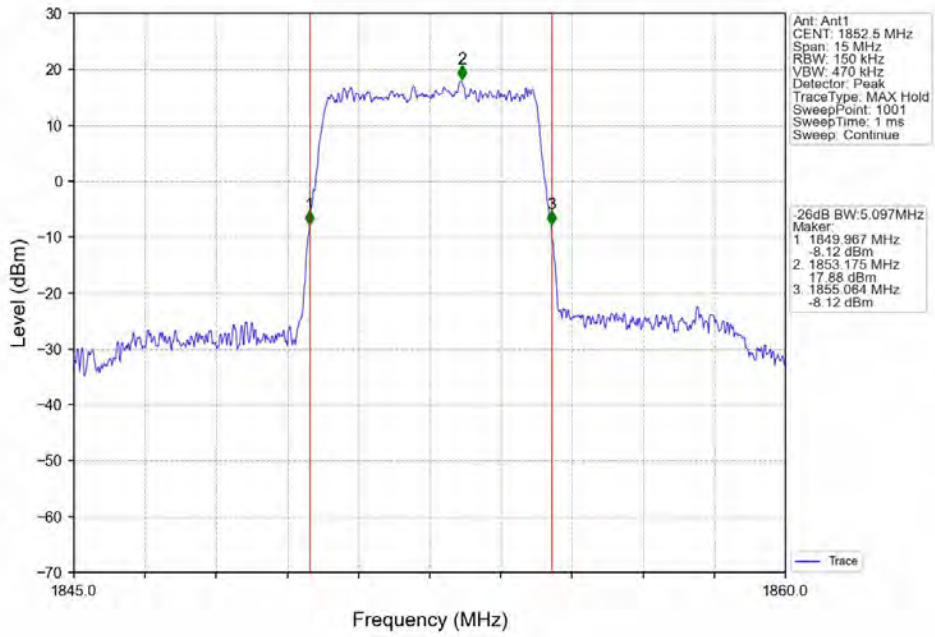
Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



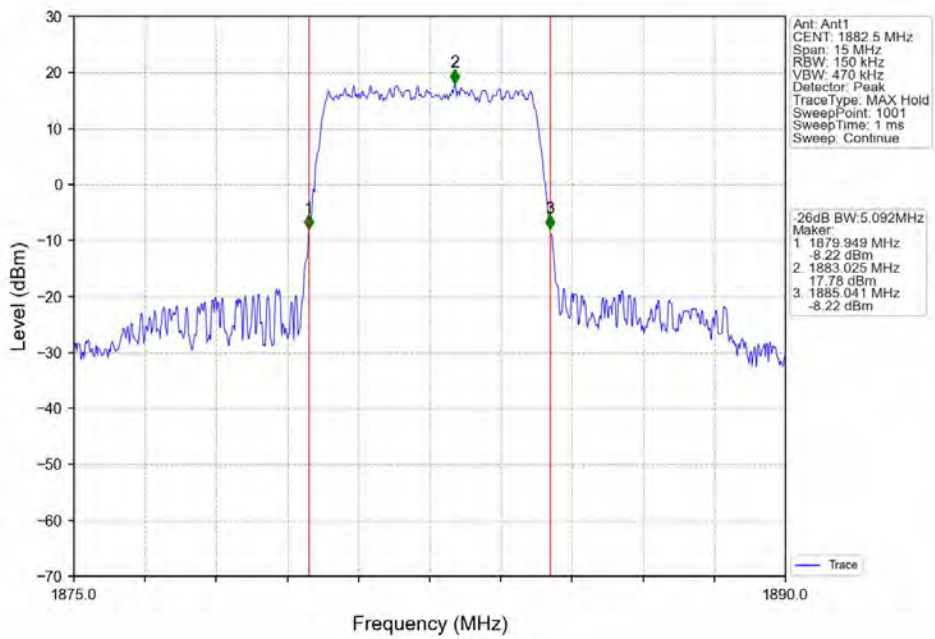
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



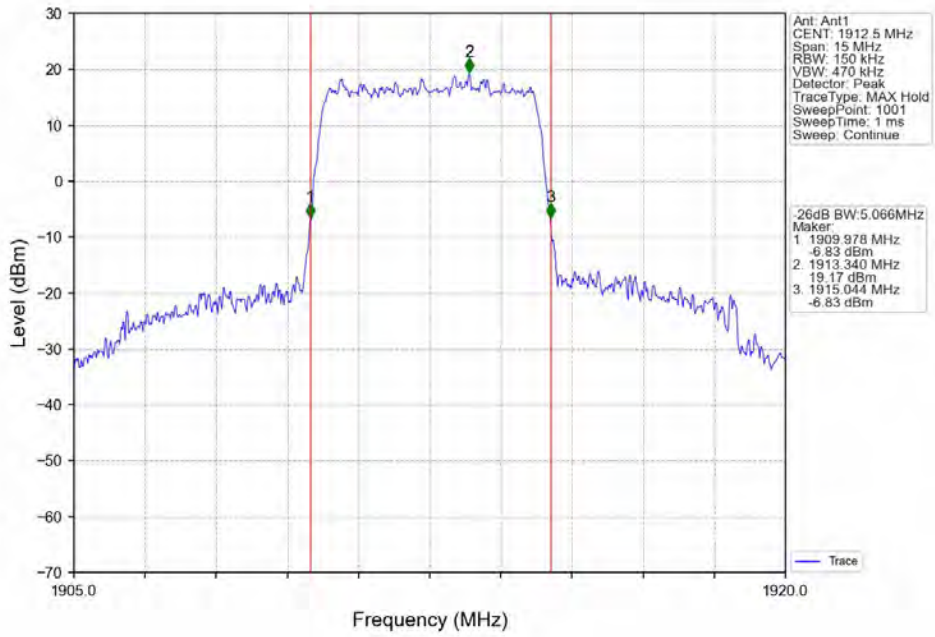
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



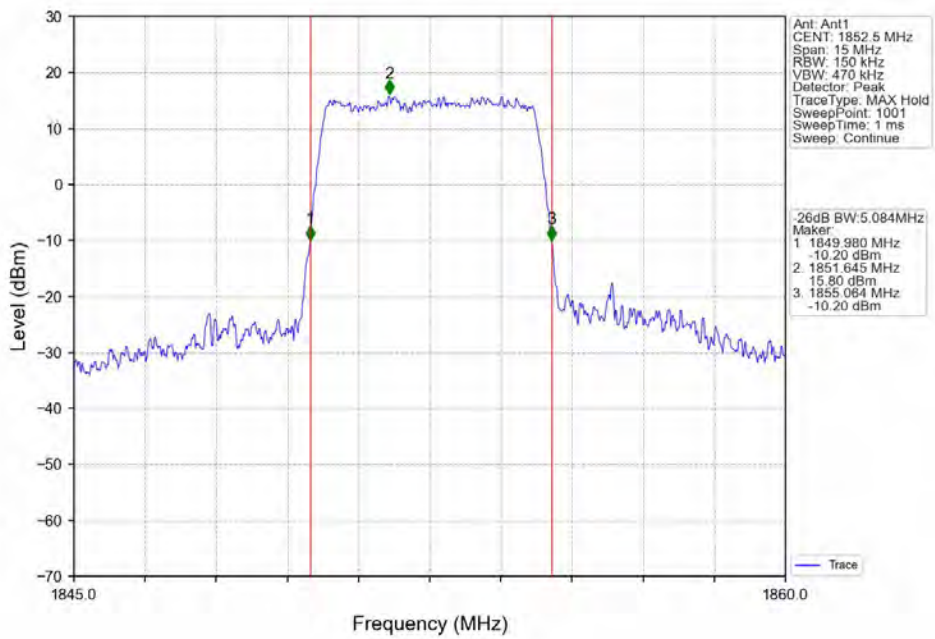
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



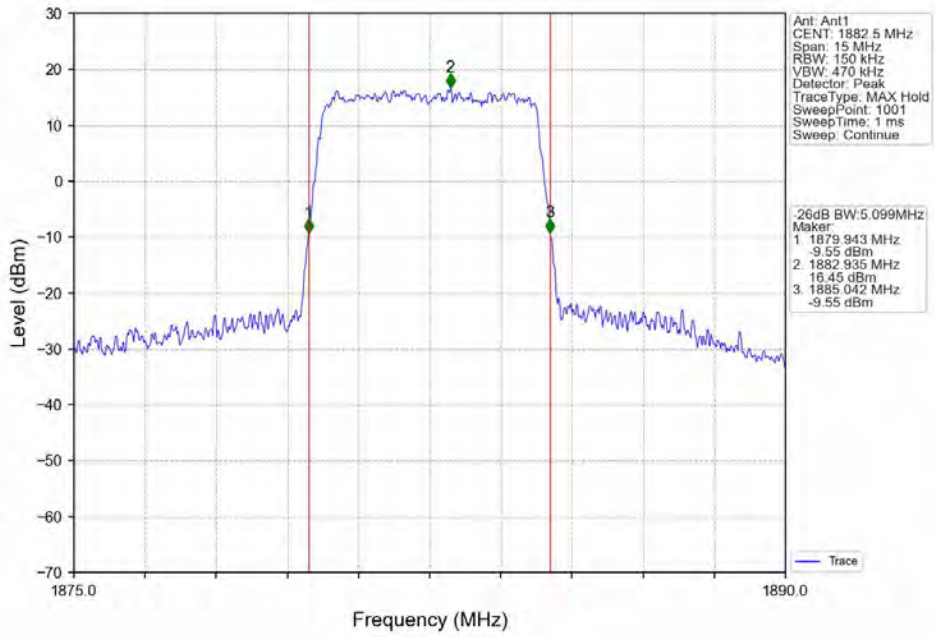
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



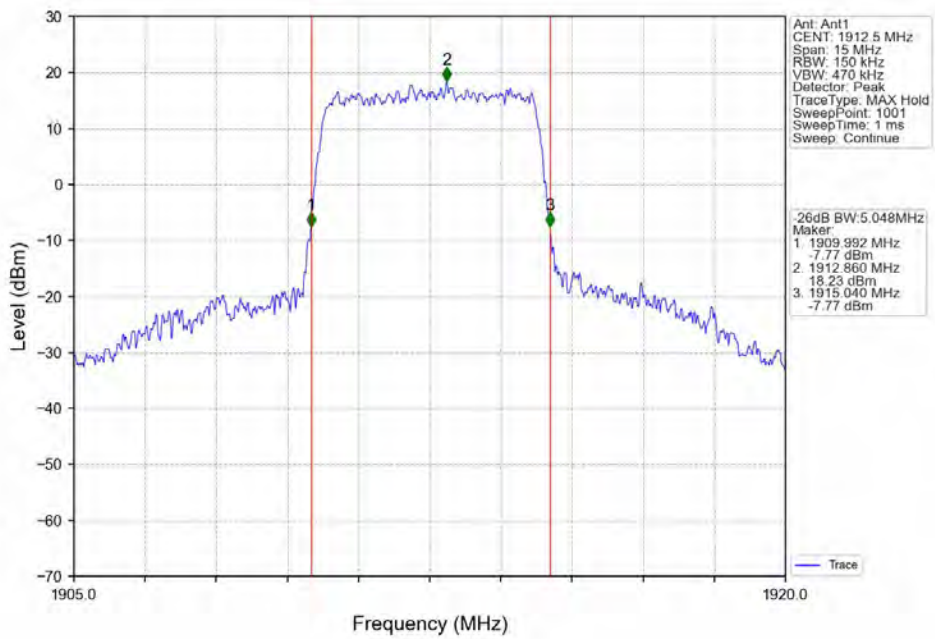
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



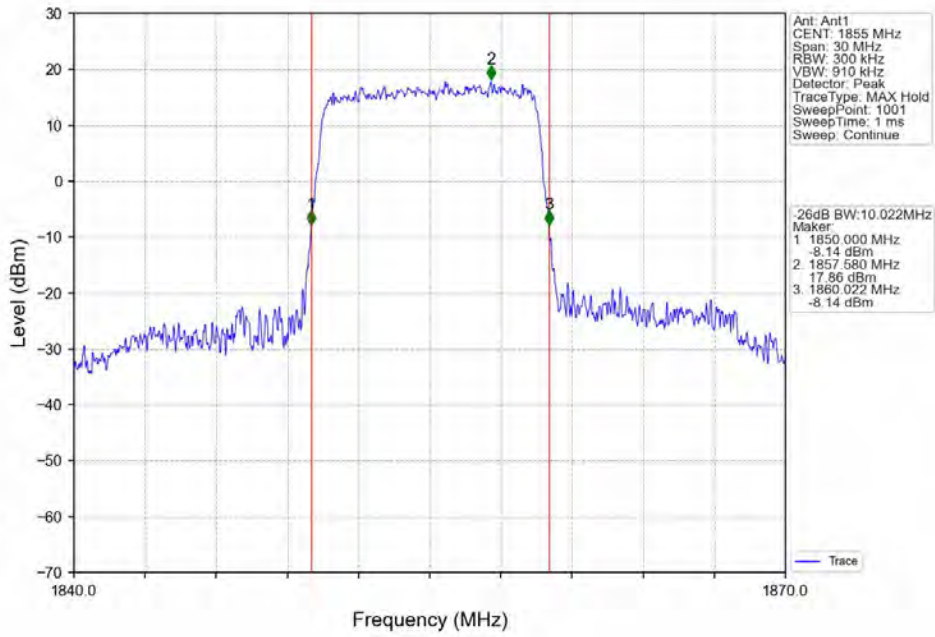
Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



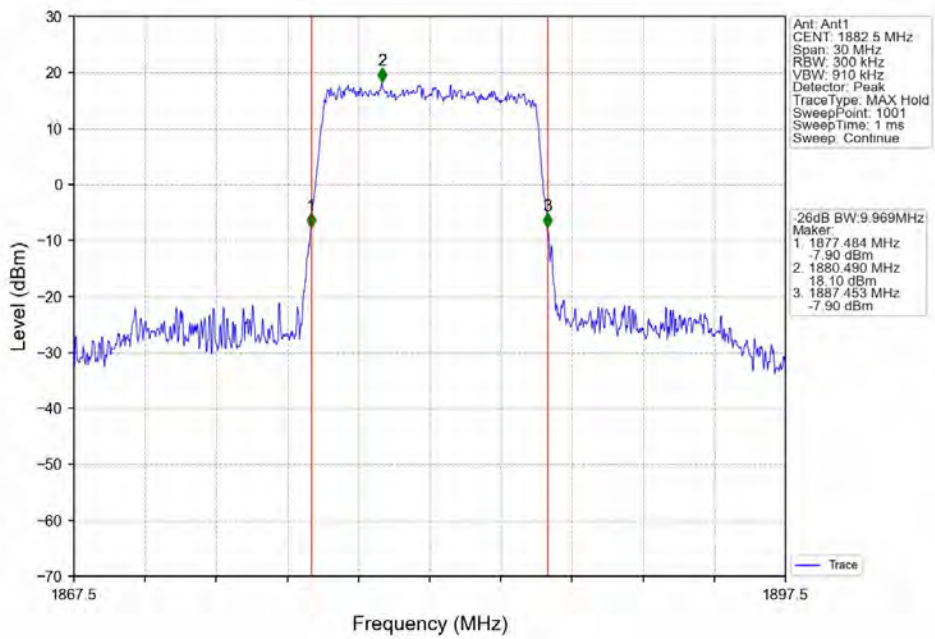
Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV



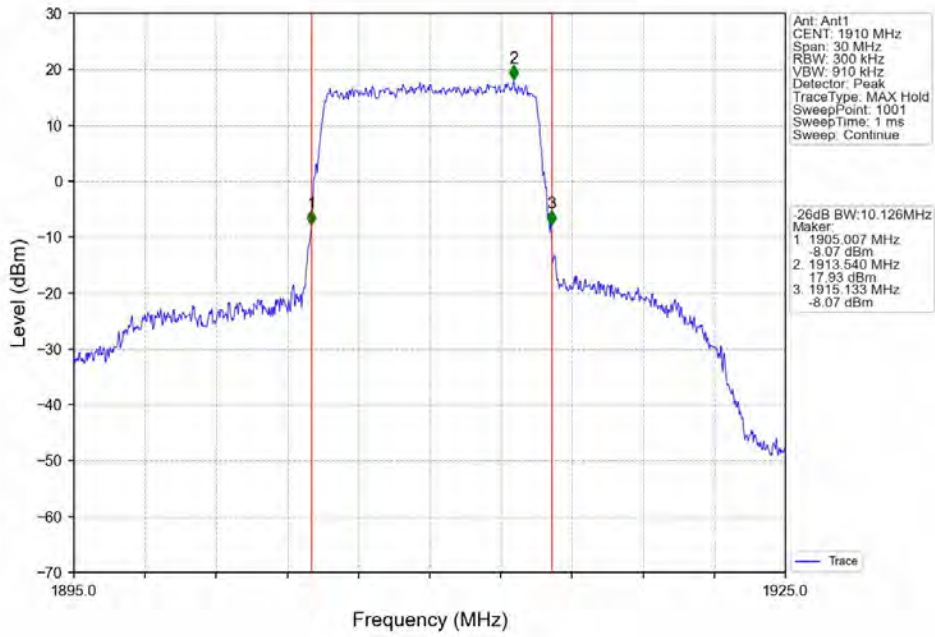
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



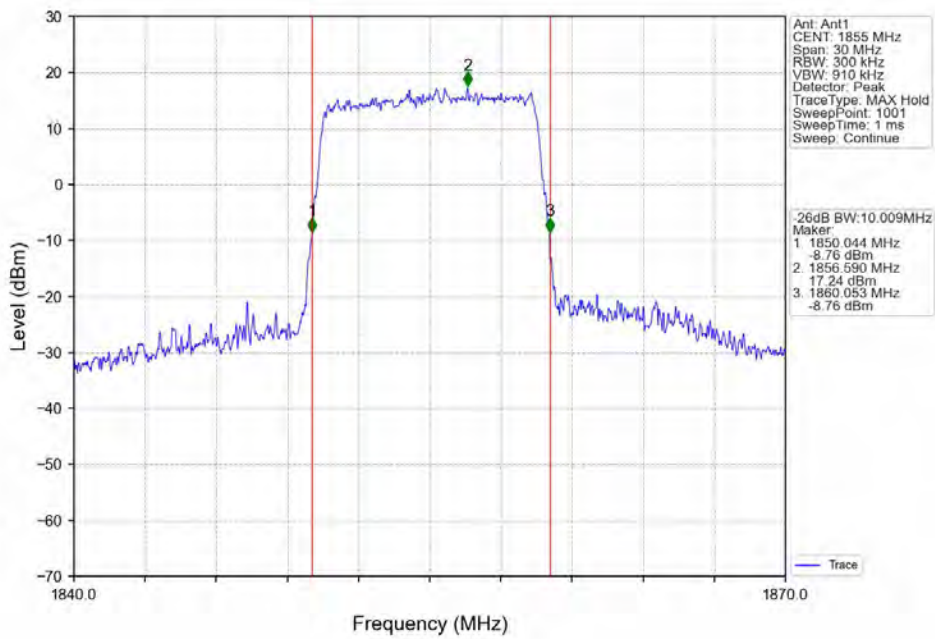
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



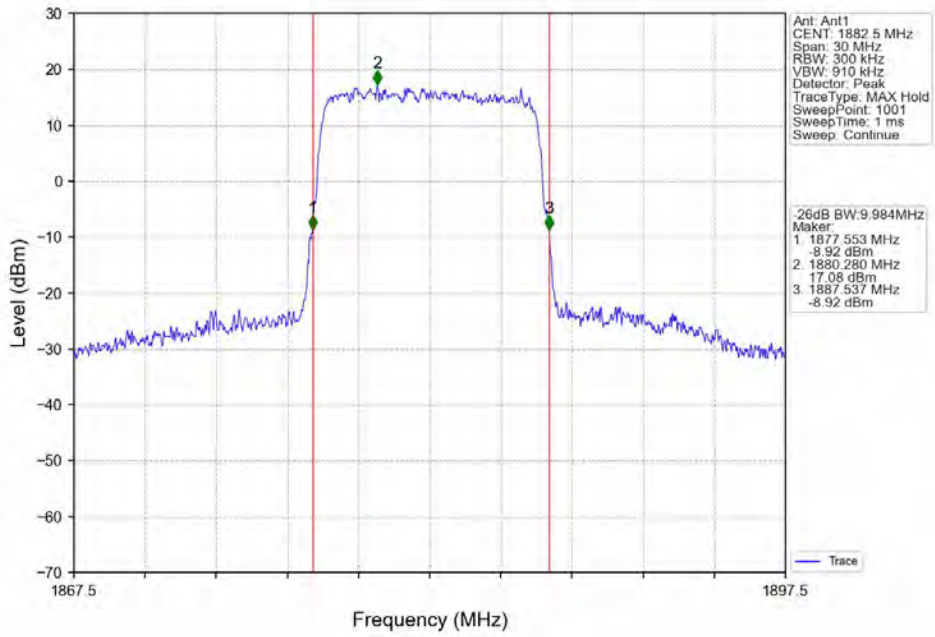
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



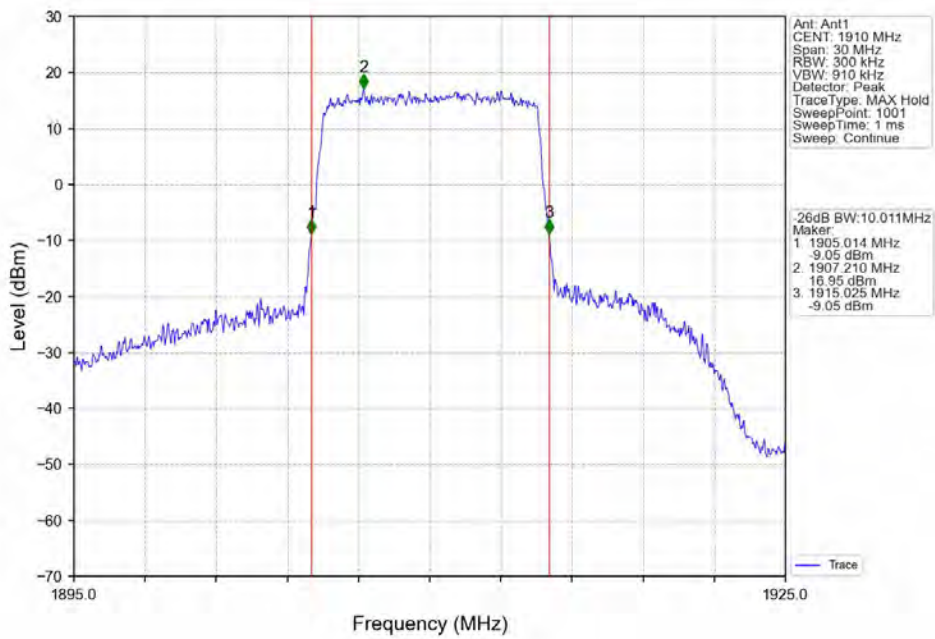
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



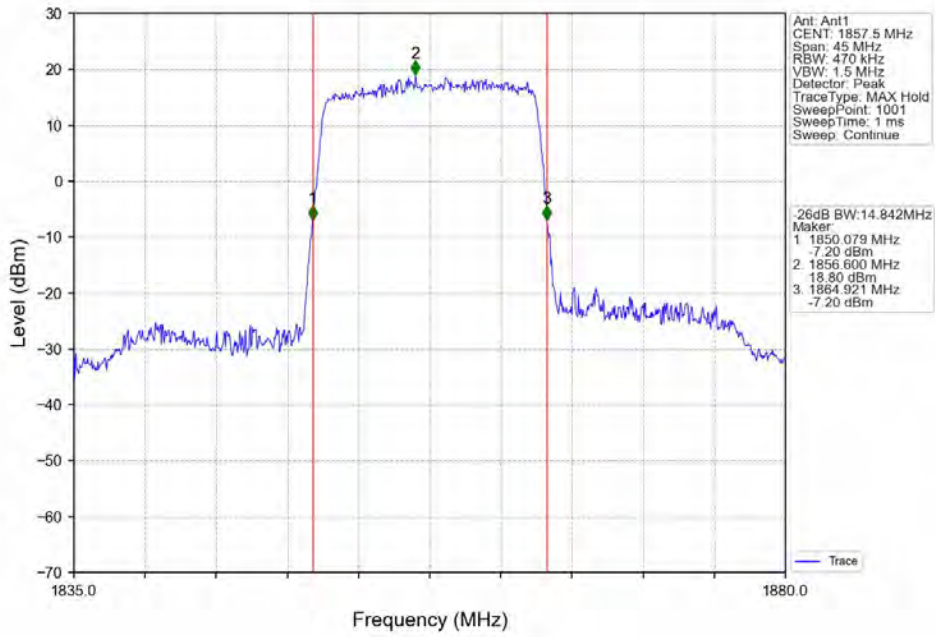
Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



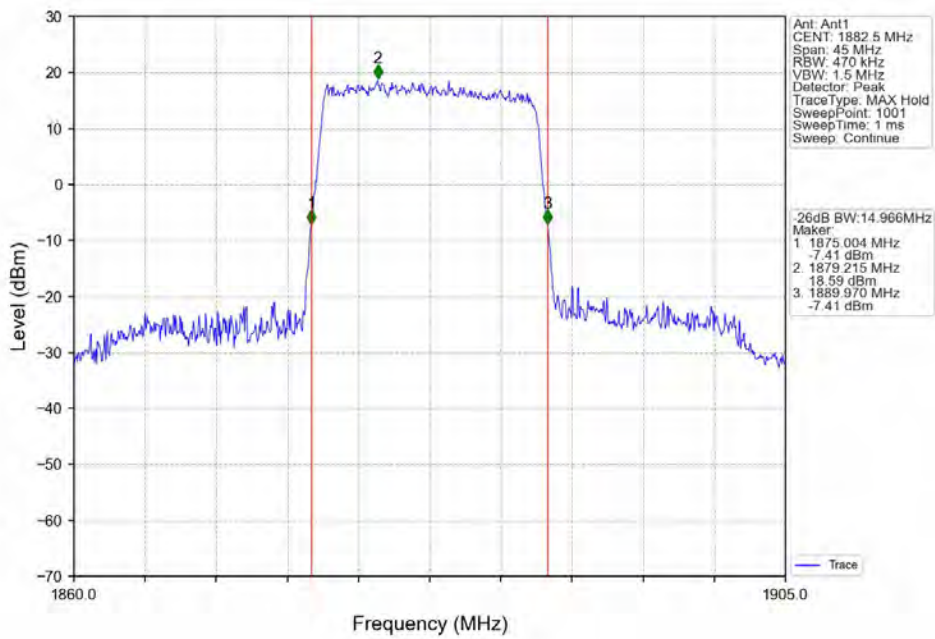
Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV



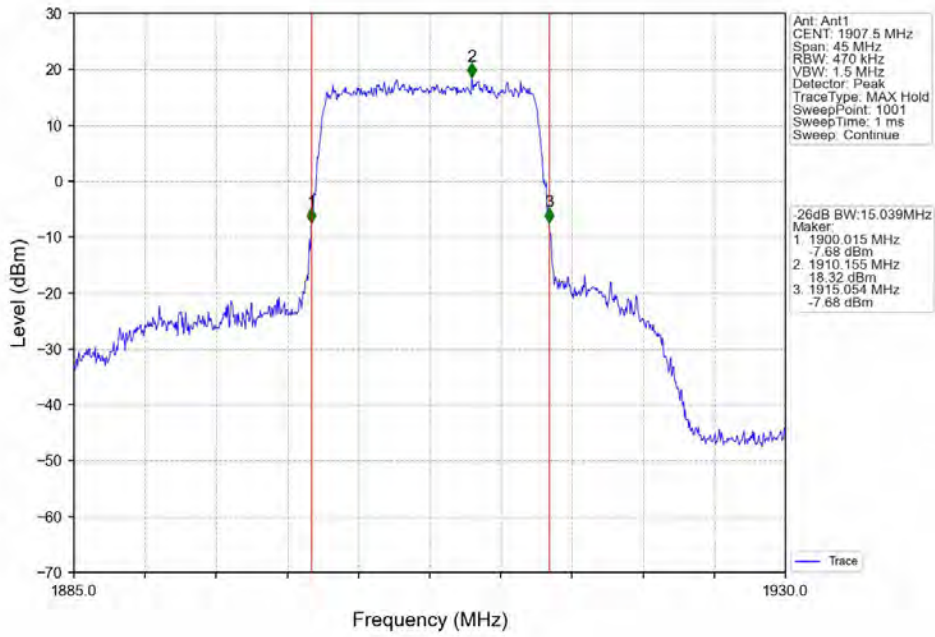
Band25_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



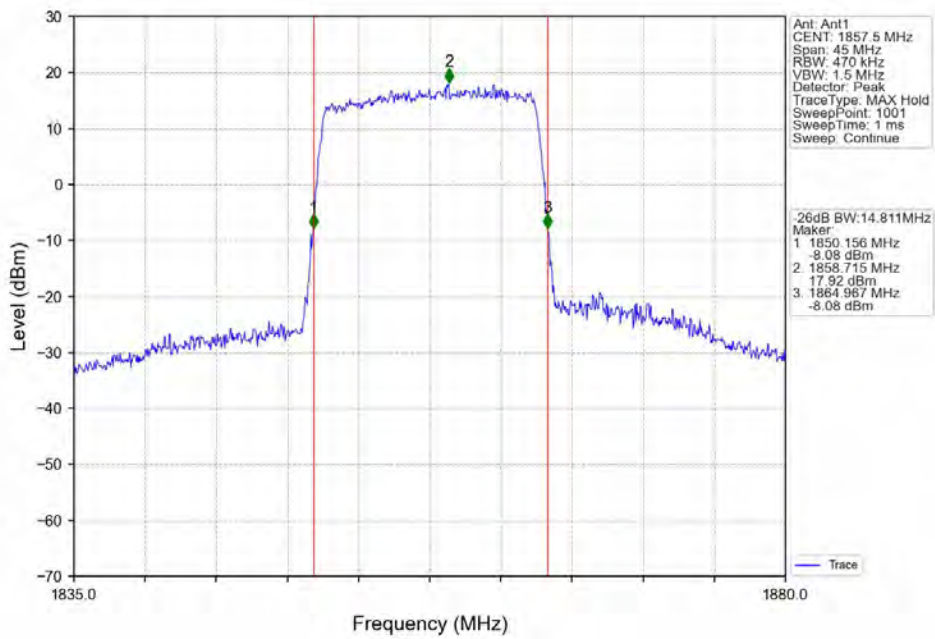
Band25_15MHz_QPSK_MCH_1882.5MHz_RB_75_0_NTNV



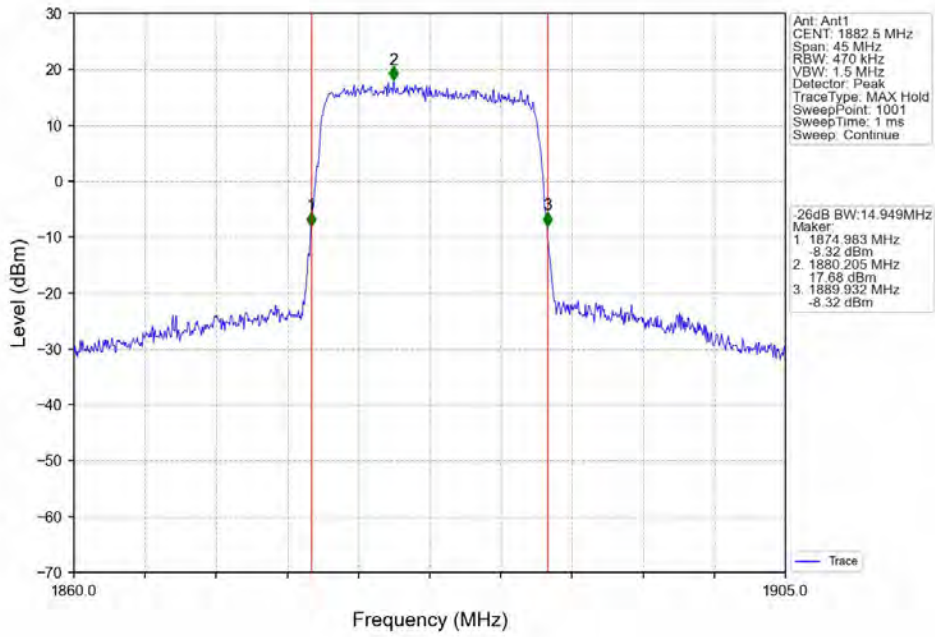
Band25 15MHz QPSK HCH 1907.5MHz RB 75_0 NTN



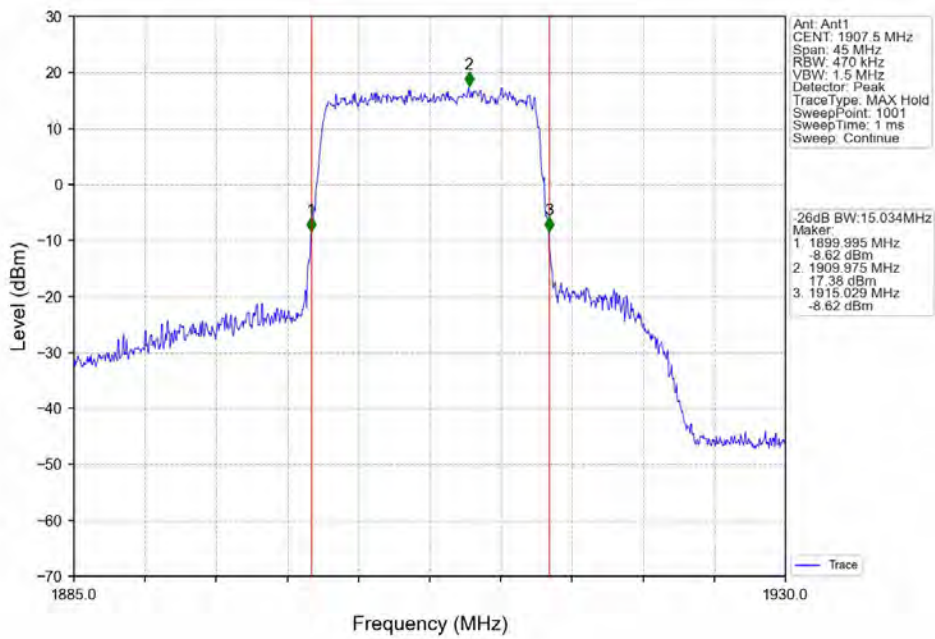
Band25 15MHz 16QAM LCH 1857.5MHz RB 75_0 NTN



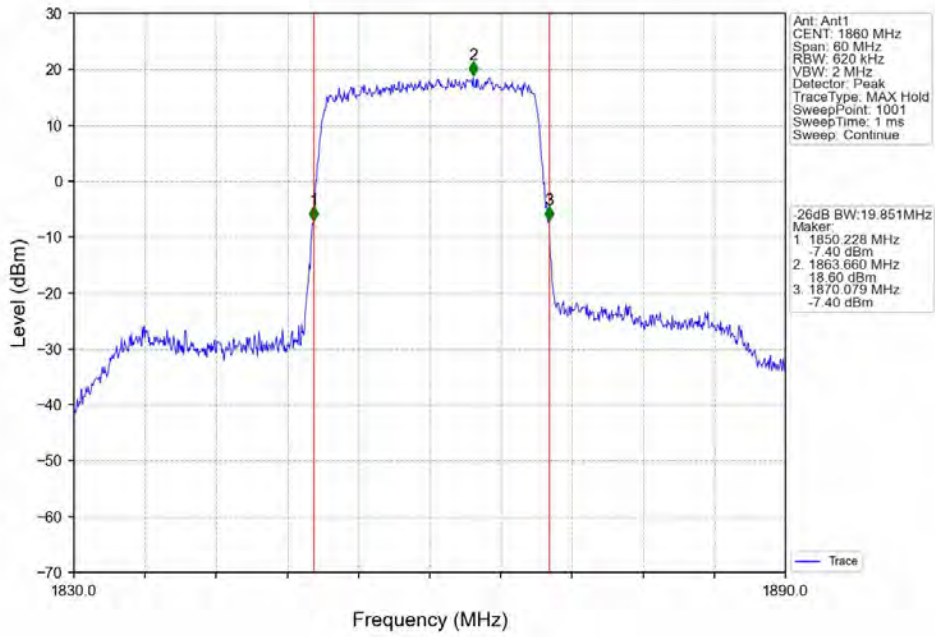
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



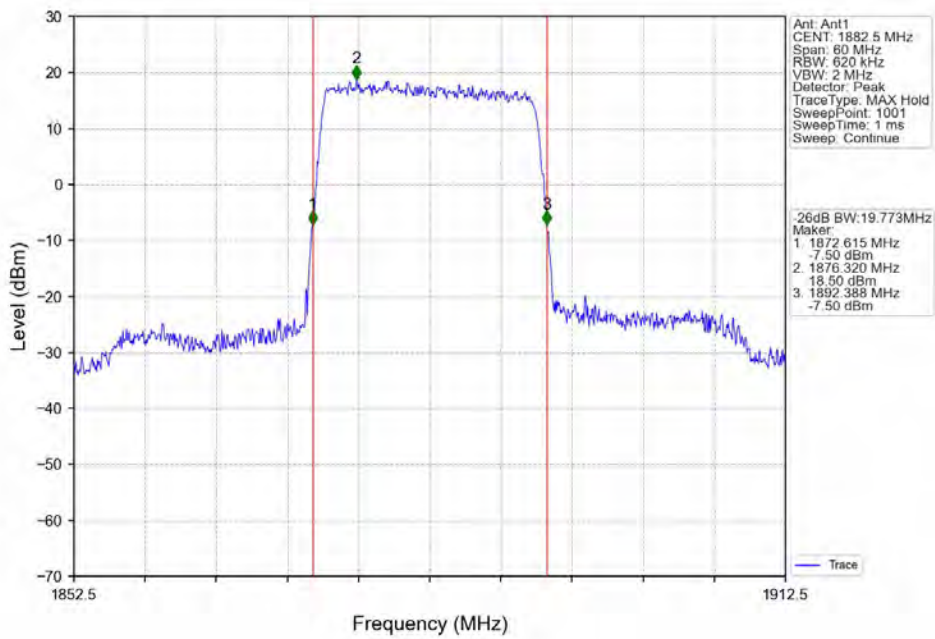
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



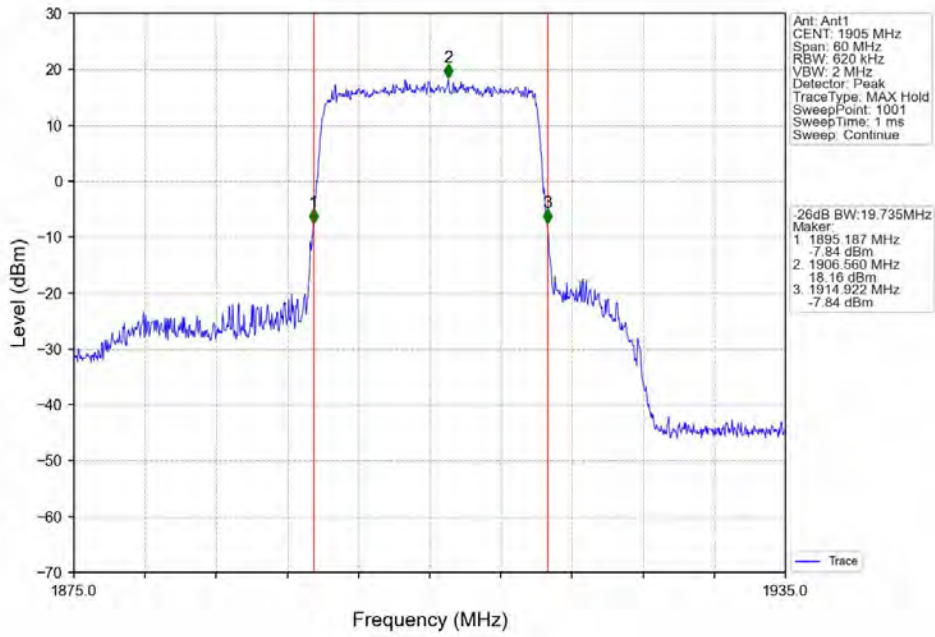
Band25_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



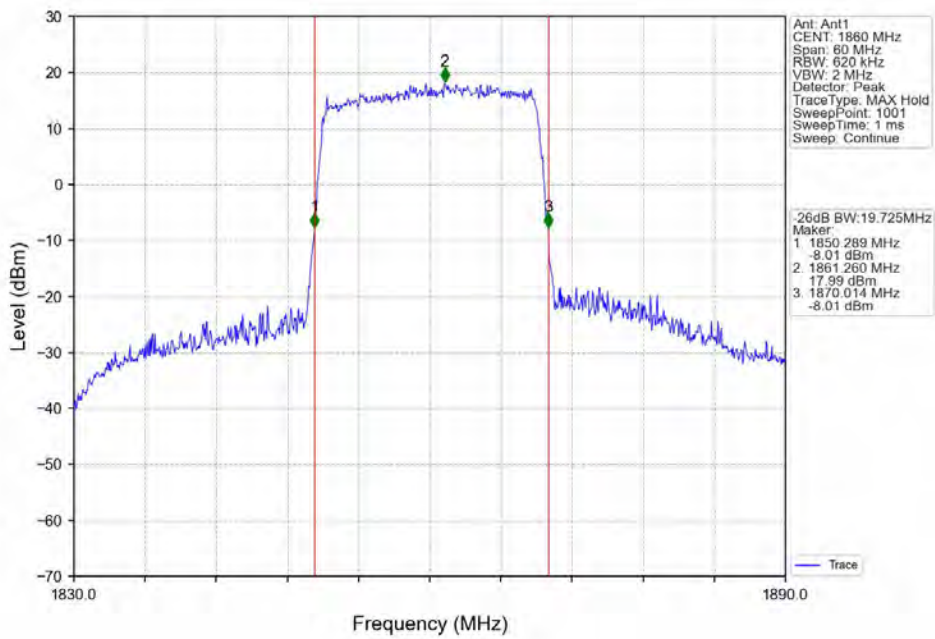
Band25_20MHz_QPSK_MCH_1882.5MHz_RB_100_0_NTNV



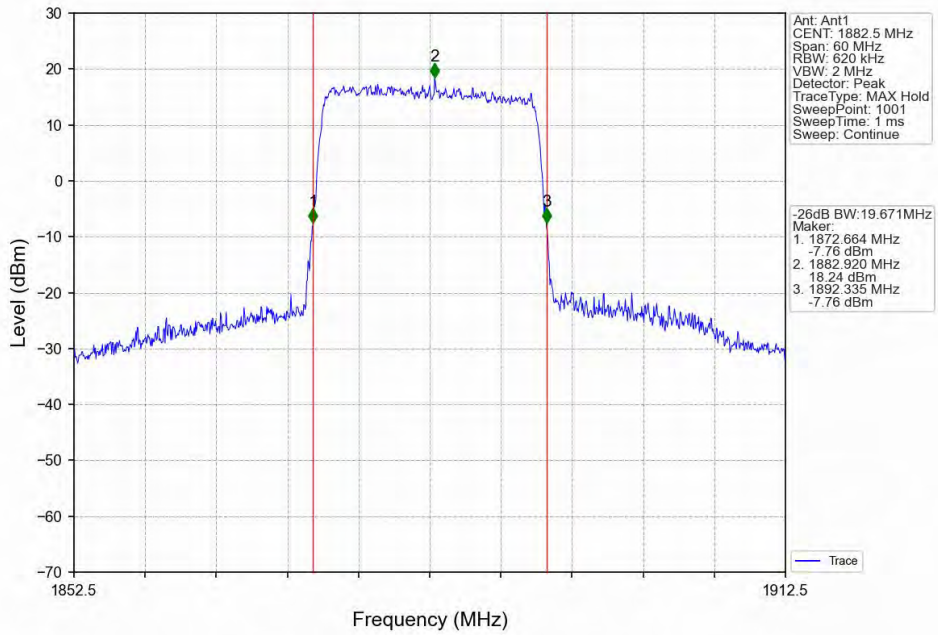
Band25_20MHz_QPSK_HCH_1905MHz_RB_100_0_NTNV



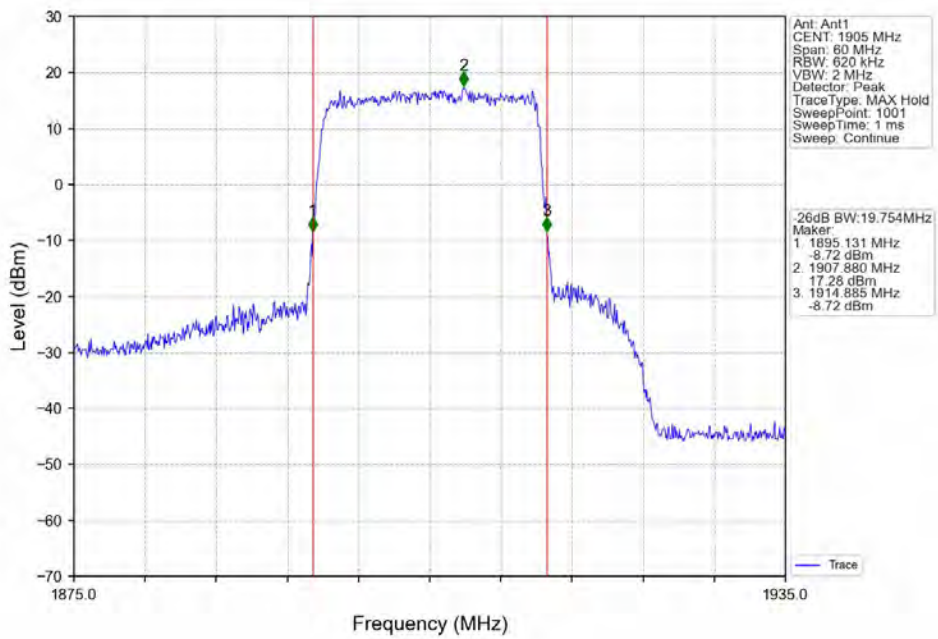
Band25_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



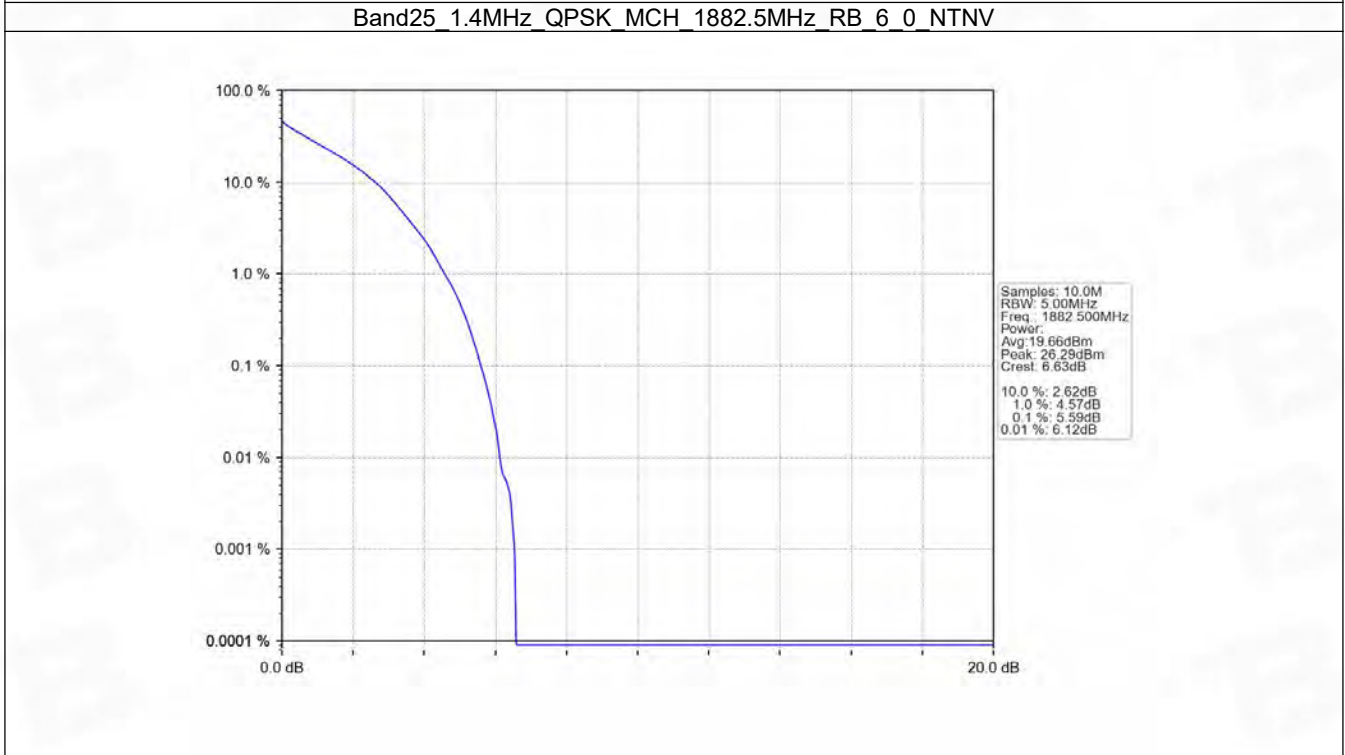
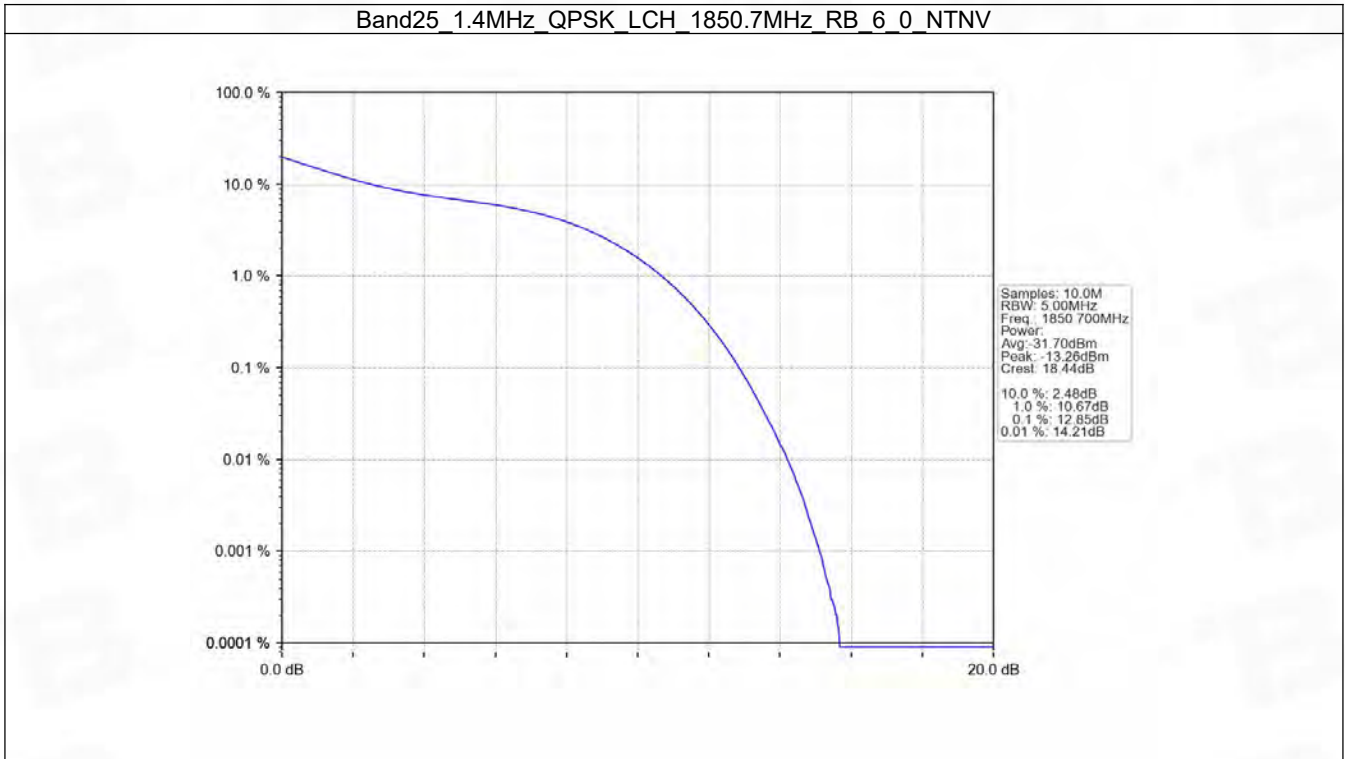
5. Peak-Average Ratio

5.1 B25_1.4MHz

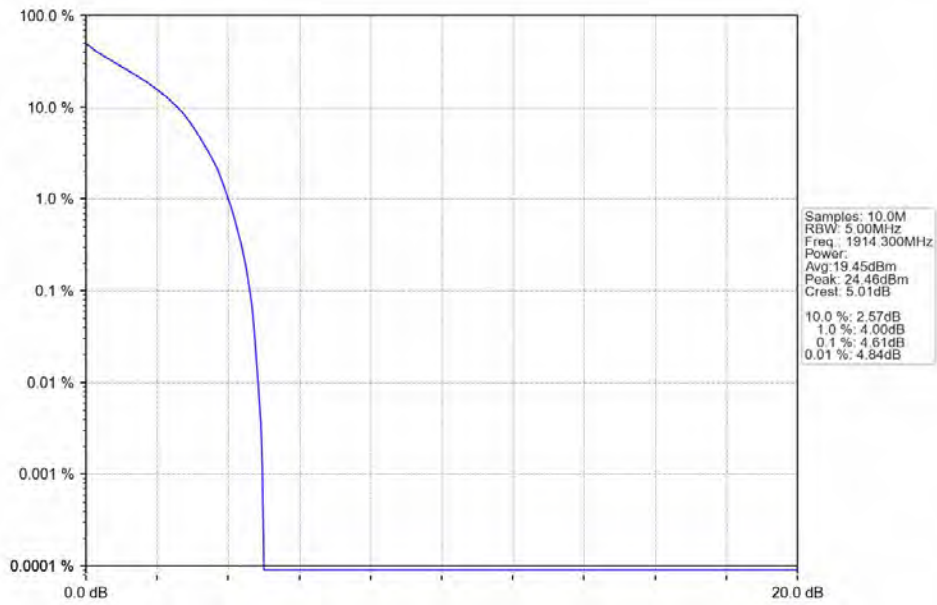
5.1.1 Test Result

Band: 25 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	12.85	<=13	Pass
	1882.5	6	0	5.59	<=13	Pass
	1914.3	6	0	4.61	<=13	Pass
16QAM	1850.7	6	0	6.16	<=13	Pass
	1882.5	6	0	6.36	<=13	Pass
	1914.3	6	0	5.36	<=13	Pass

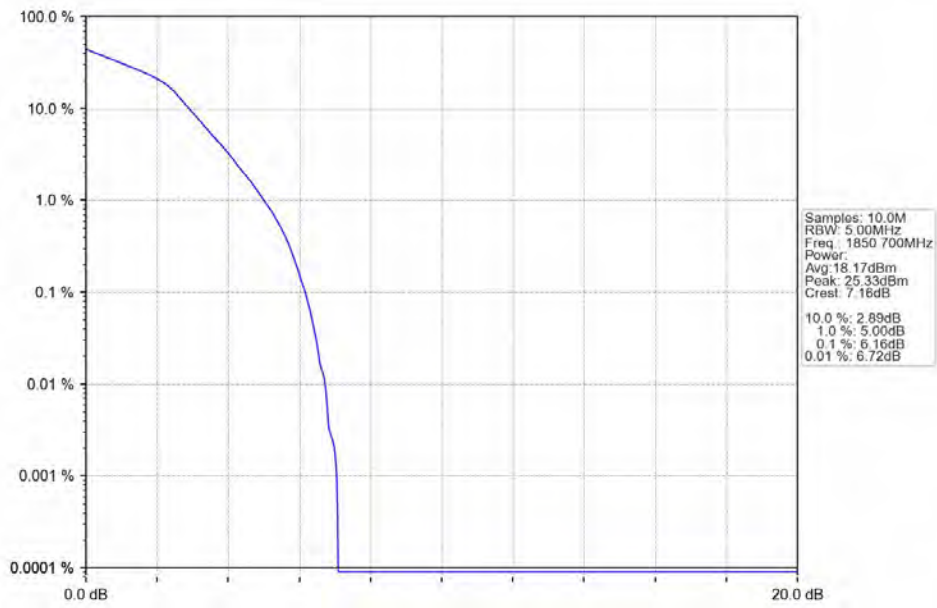
5.1.2 Test Graph



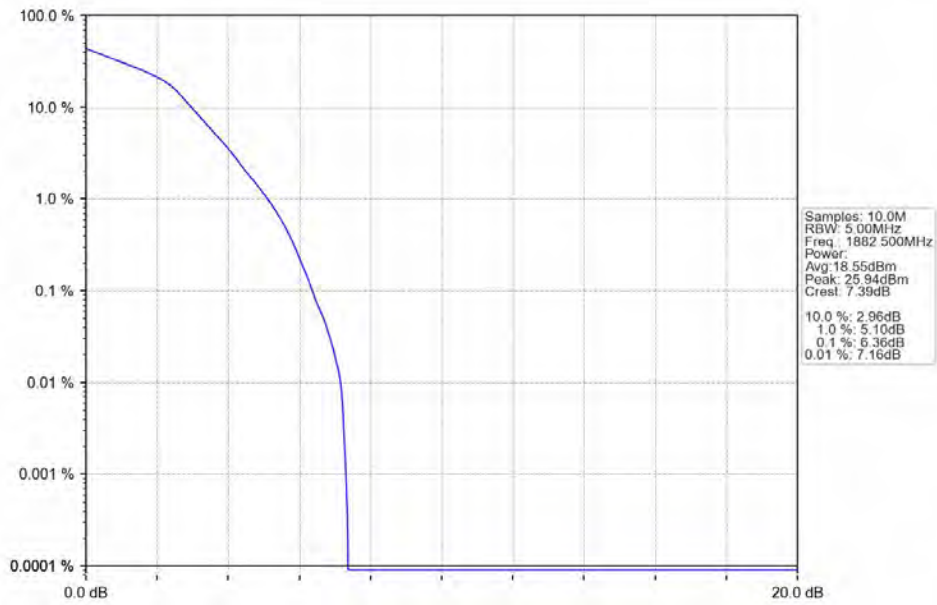
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



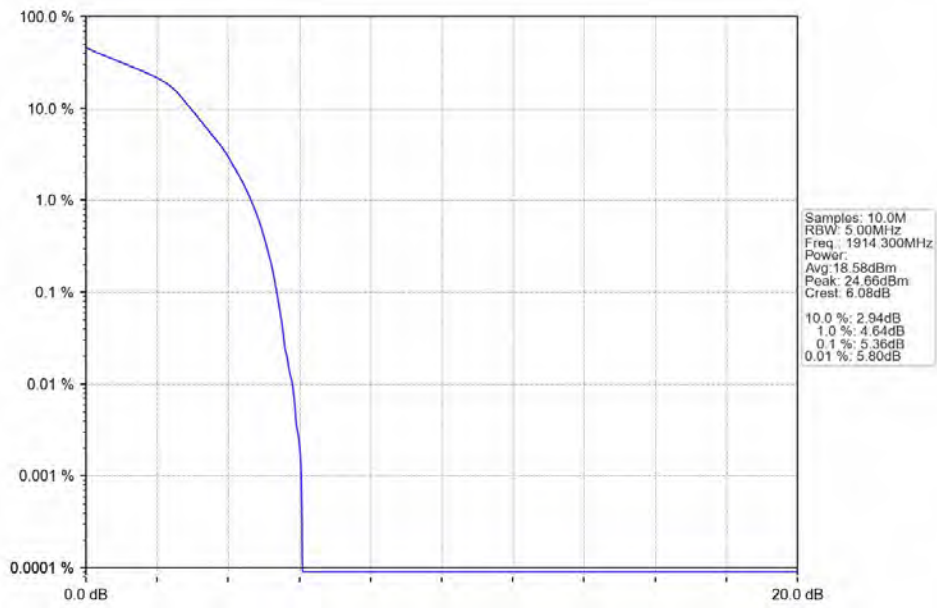
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV



Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_6_0_NTNV



Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_6_0_NTNV

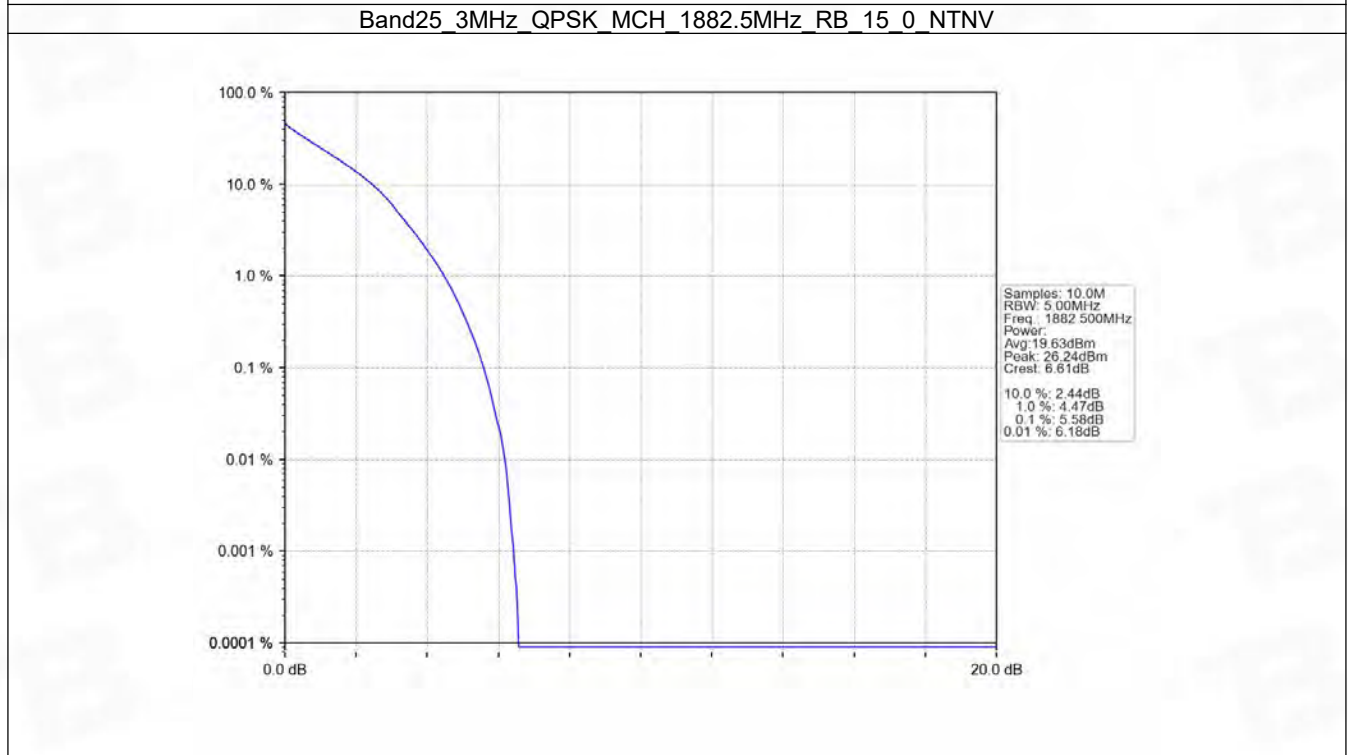
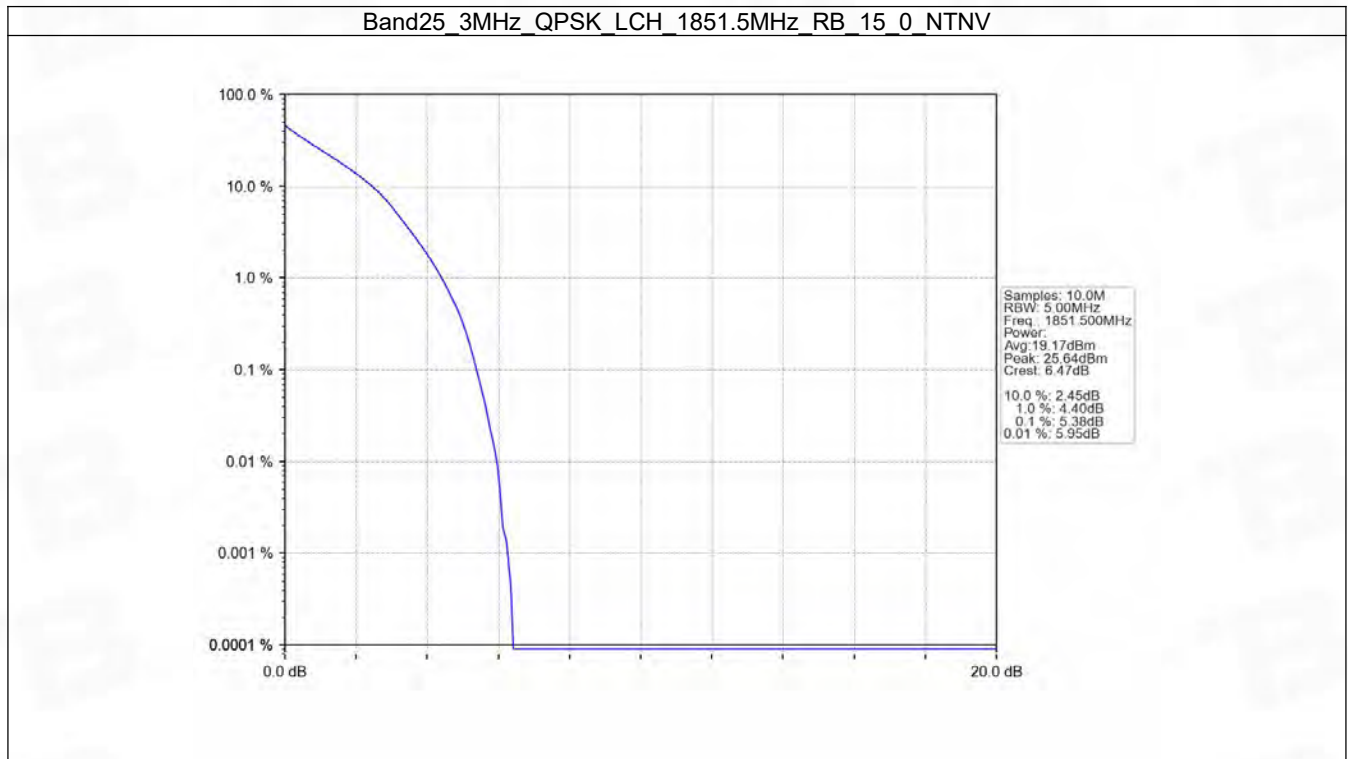


5.2 B25_3MHz

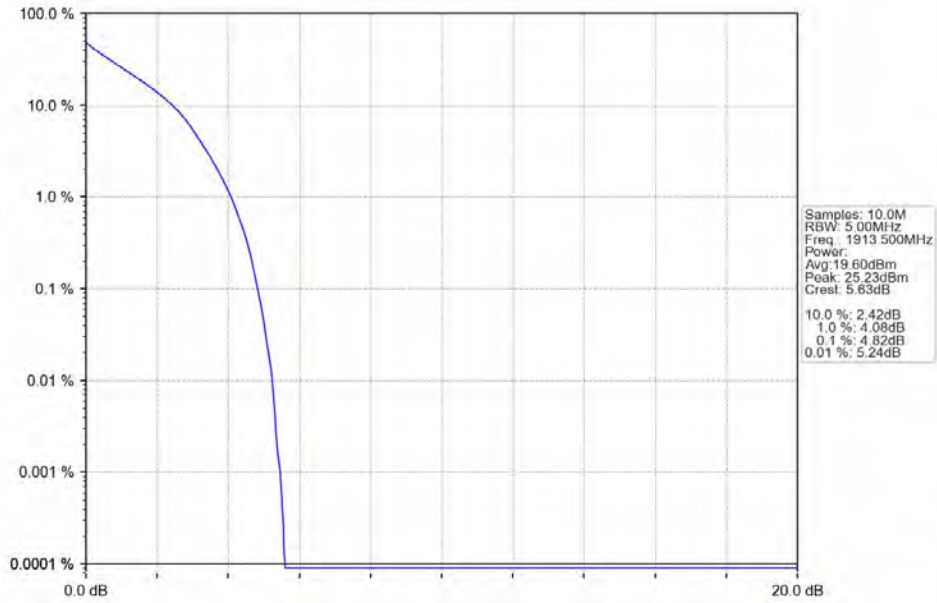
5.2.1 Test Result

Band: 25 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.38	<=13	Pass
	1882.5	15	0	5.58	<=13	Pass
	1913.5	15	0	4.82	<=13	Pass
16QAM	1851.5	15	0	6.20	<=13	Pass
	1882.5	15	0	6.40	<=13	Pass
	1913.5	15	0	5.64	<=13	Pass

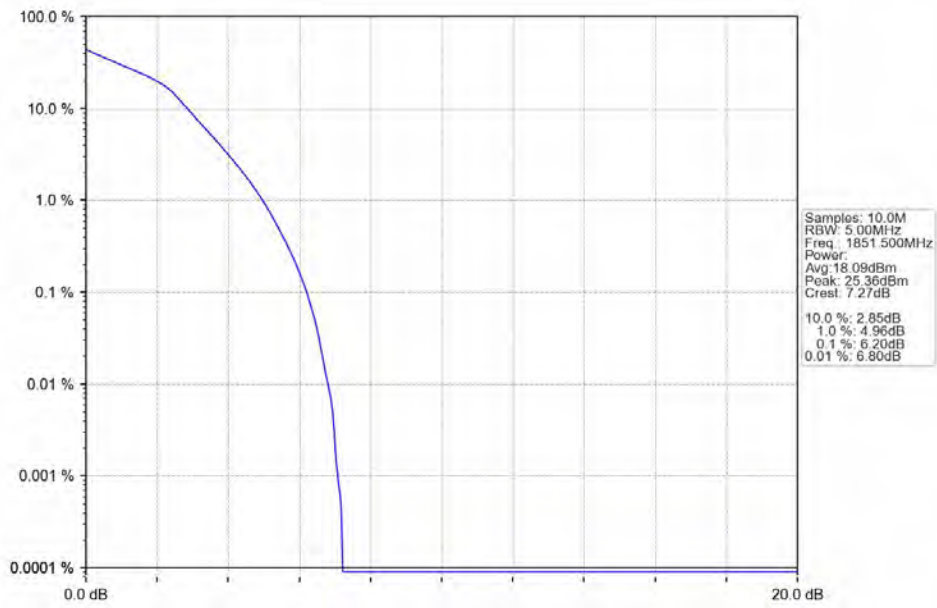
5.2.2 Test Graph



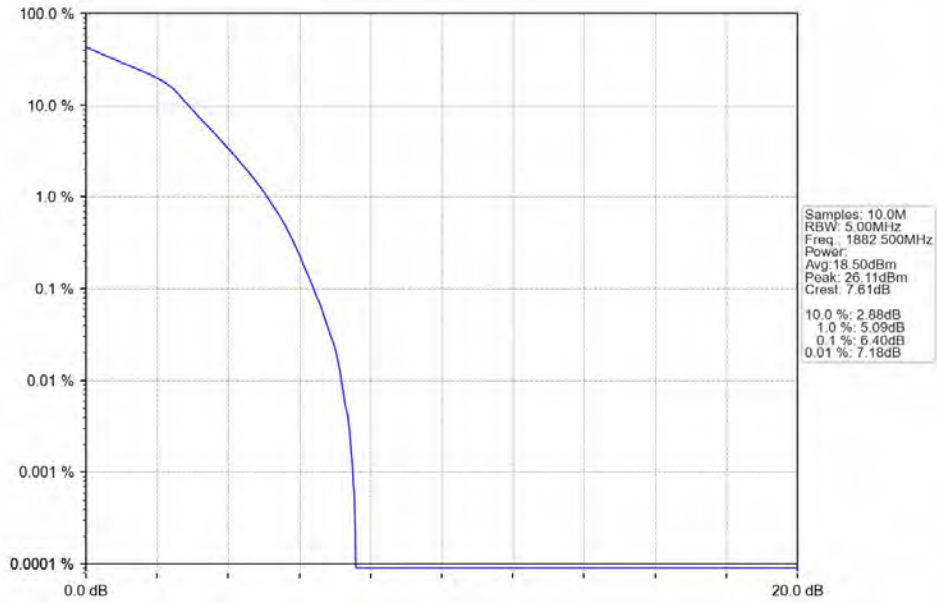
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTV



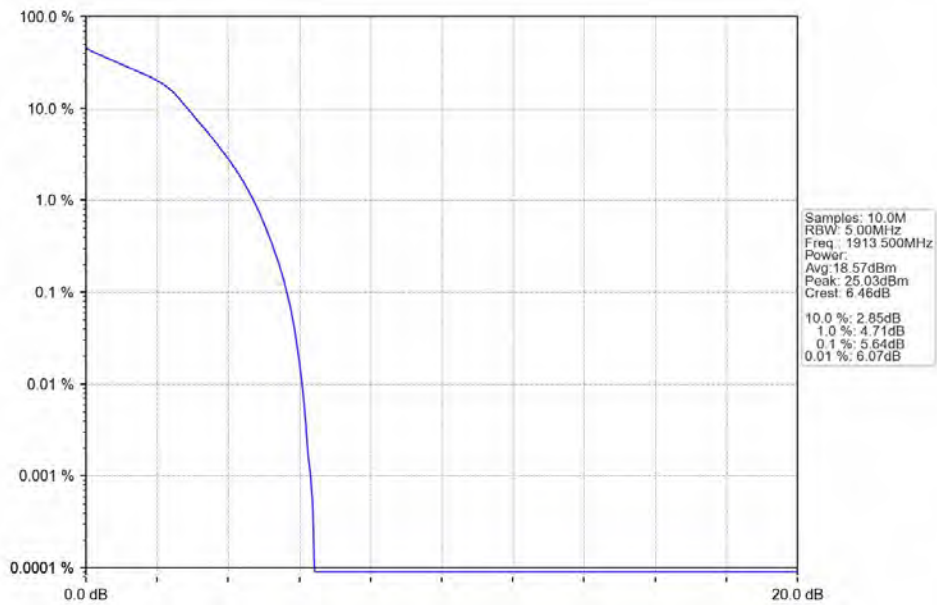
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTV



Band25_3MHz_16QAM_MCH_1882.5MHz_RB_15_0_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV

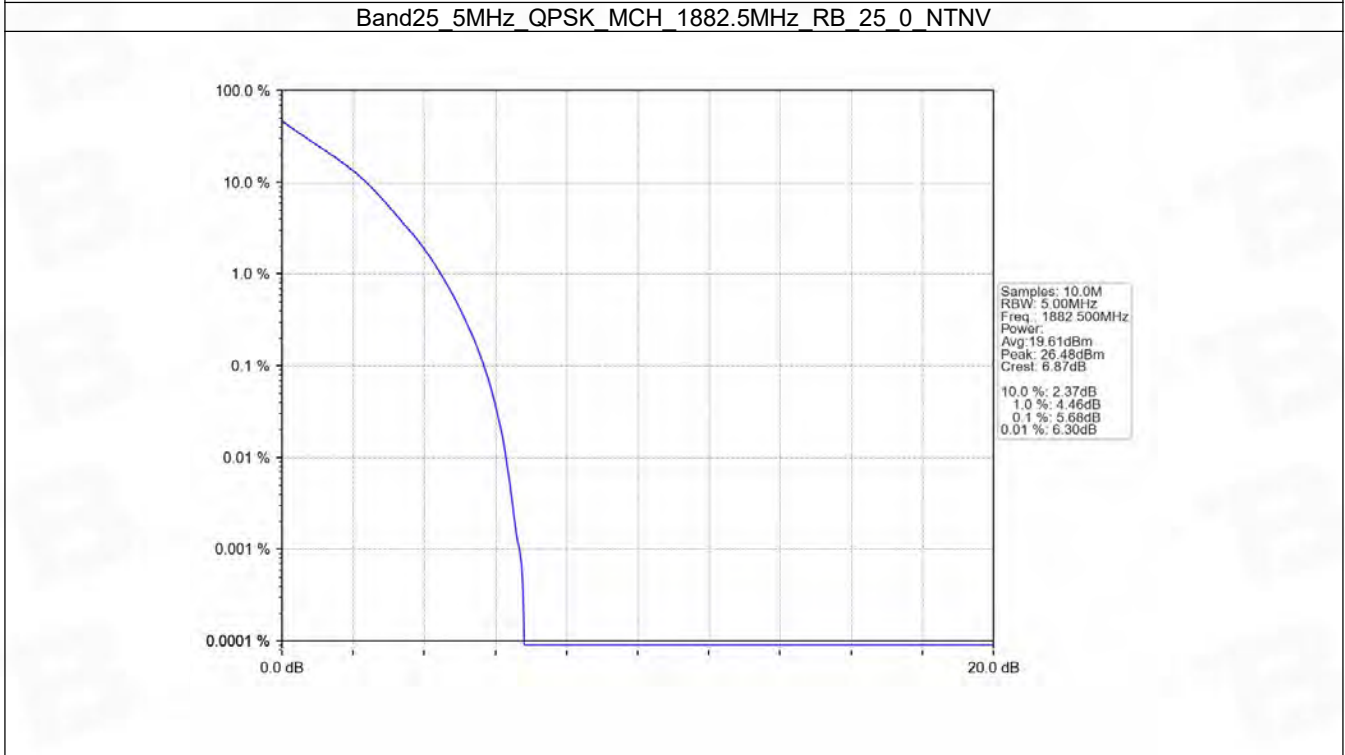
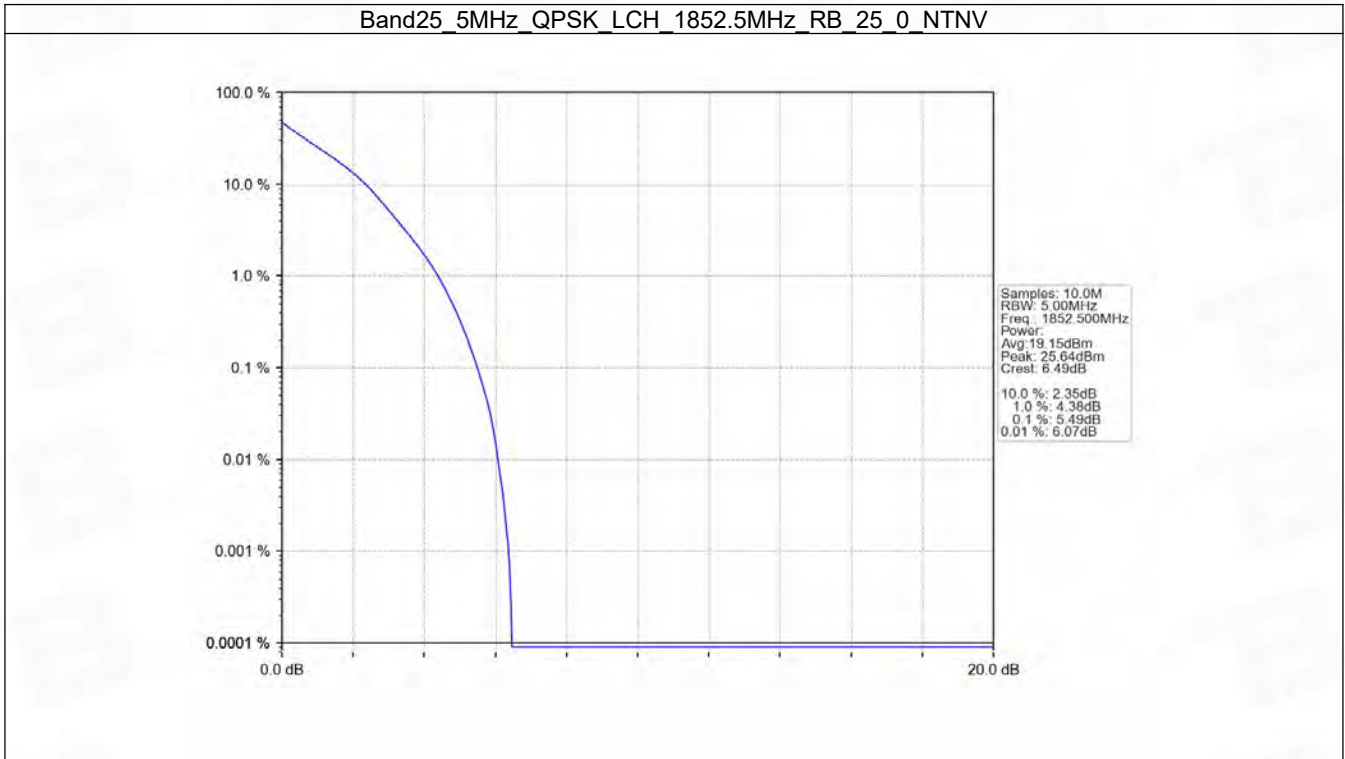


5.3 B25_5MHz

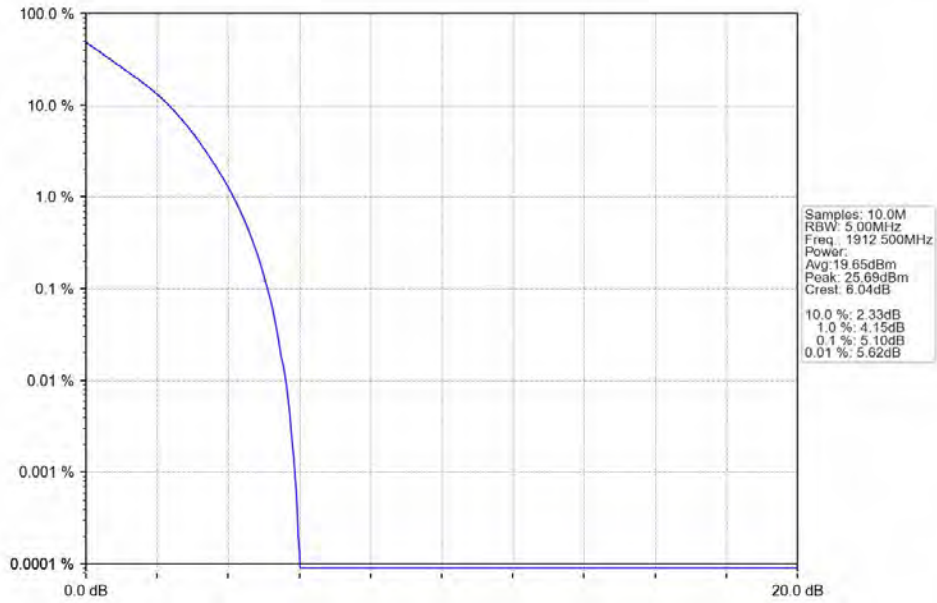
5.3.1 Test Result

Band: 25 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.49	<=13	Pass
	1882.5	25	0	5.68	<=13	Pass
	1912.5	25	0	5.10	<=13	Pass
16QAM	1852.5	25	0	6.19	<=13	Pass
	1882.5	25	0	6.36	<=13	Pass
	1912.5	25	0	5.78	<=13	Pass

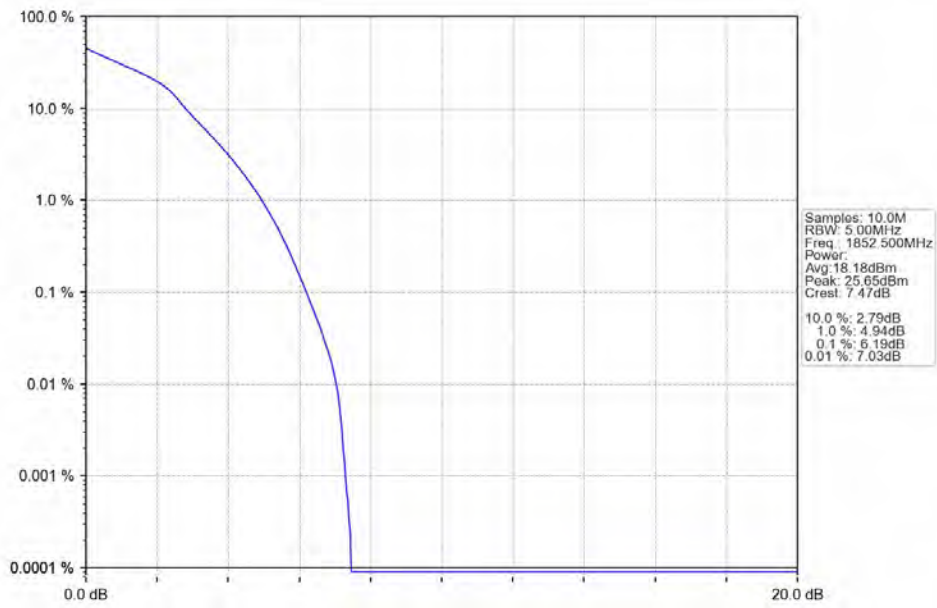
5.3.2 Test Graph



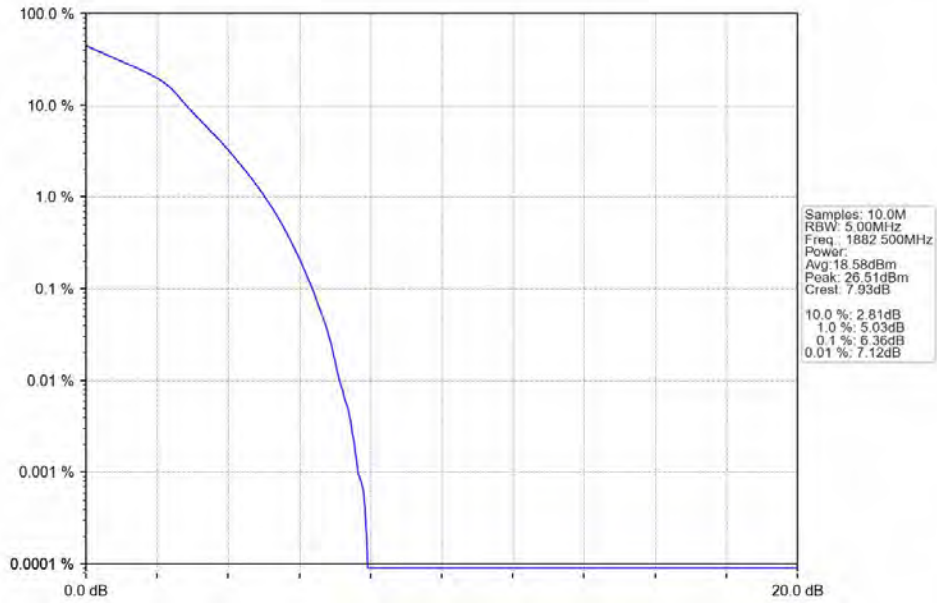
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTV



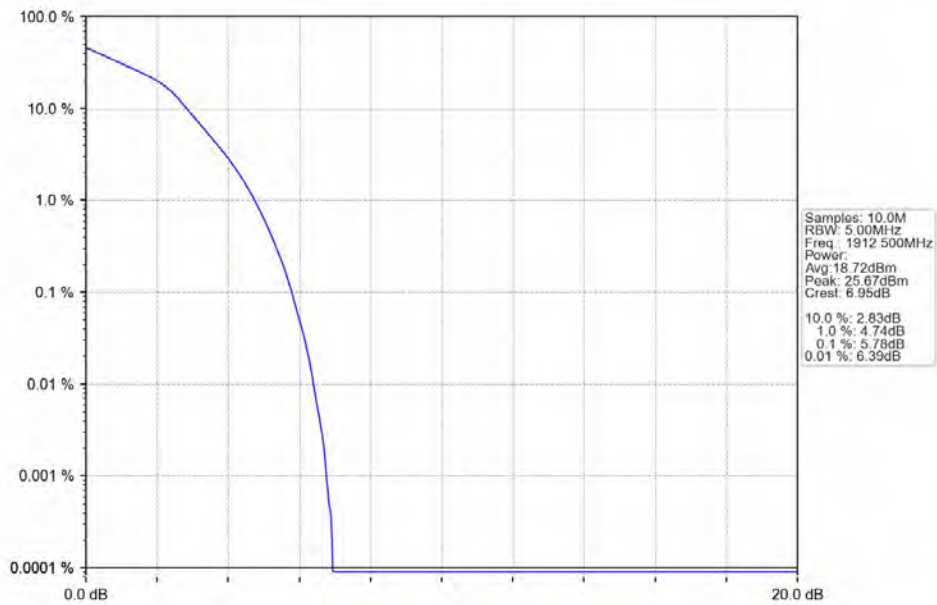
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTV



Band25_5MHz_16QAM_MCH_1882.5MHz_RB_25_0_NTNV



Band25_5MHz_16QAM_HCH_1912.5MHz_RB_25_0_NTNV

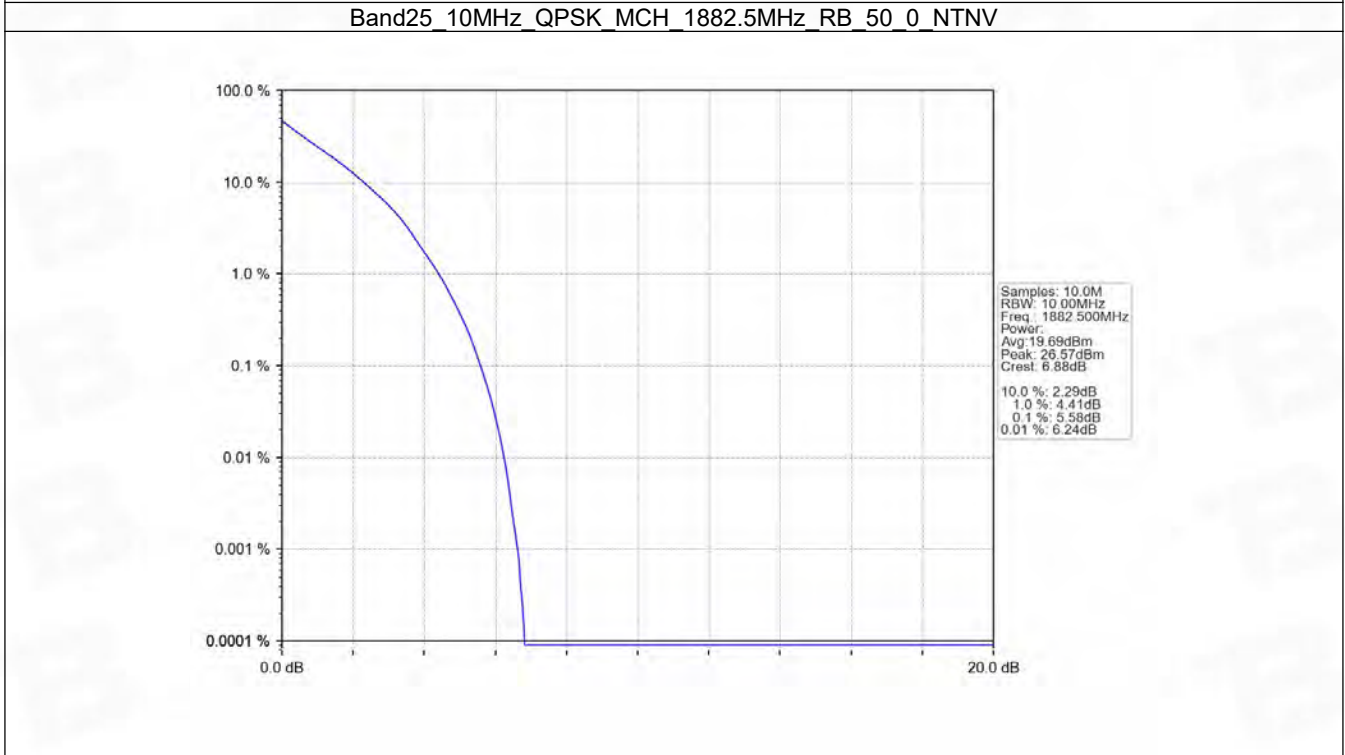
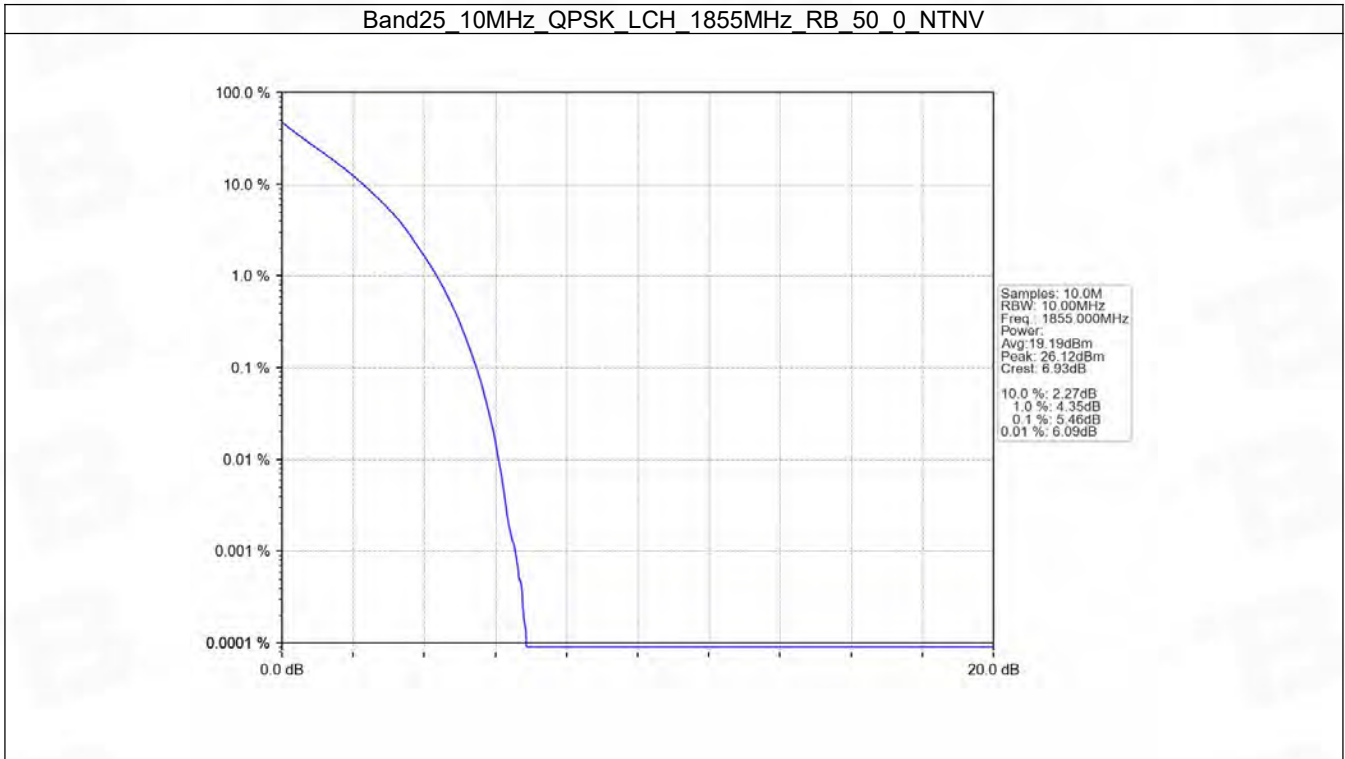


5.4 B25_10MHz

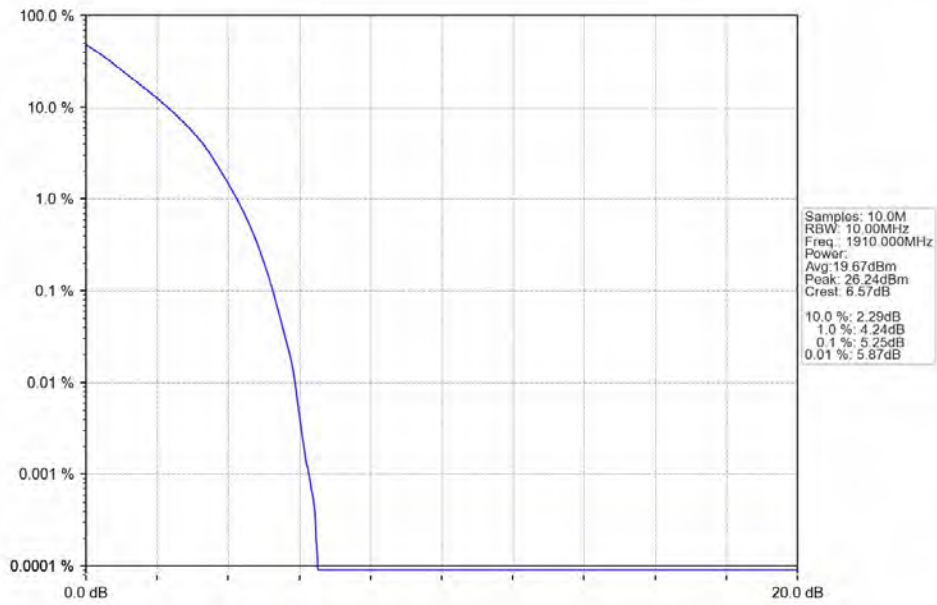
5.4.1 Test Result

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.46	<=13	Pass
	1882.5	50	0	5.58	<=13	Pass
	1910	50	0	5.25	<=13	Pass
16QAM	1855	50	0	6.22	<=13	Pass
	1882.5	50	0	6.35	<=13	Pass
	1910	50	0	5.99	<=13	Pass

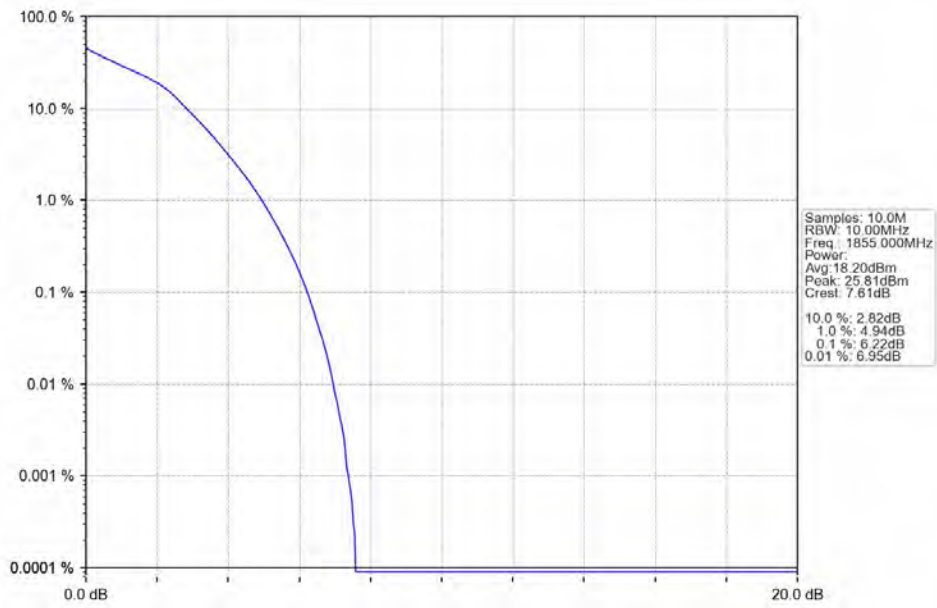
5.4.2 Test Graph



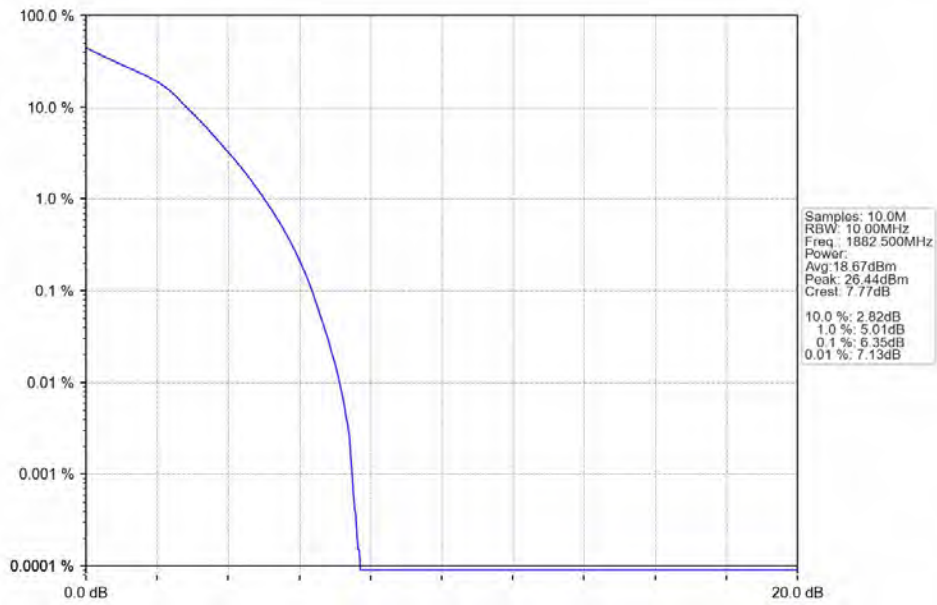
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



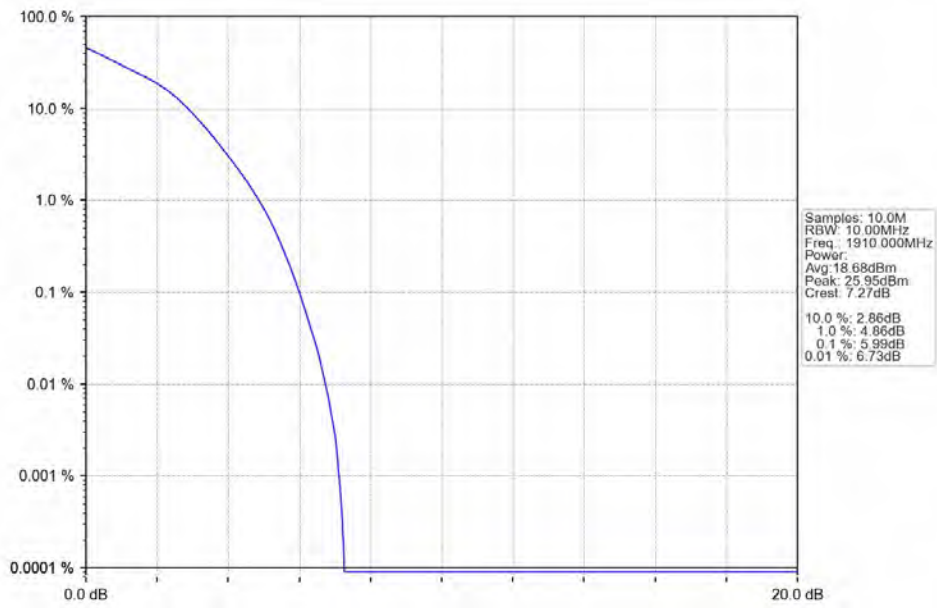
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_MCH_1882.5MHz_RB_50_0_NTNV



Band25_10MHz_16QAM_HCH_1910MHz_RB_50_0_NTNV

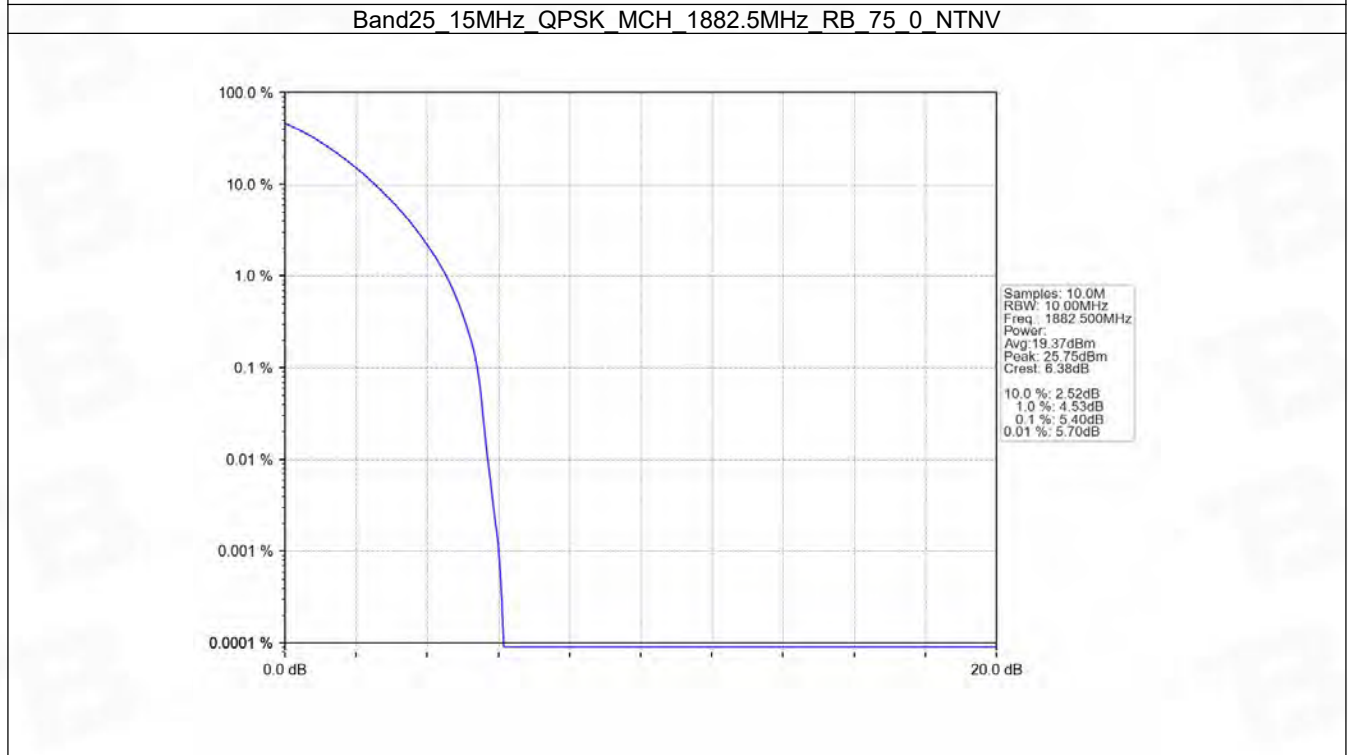
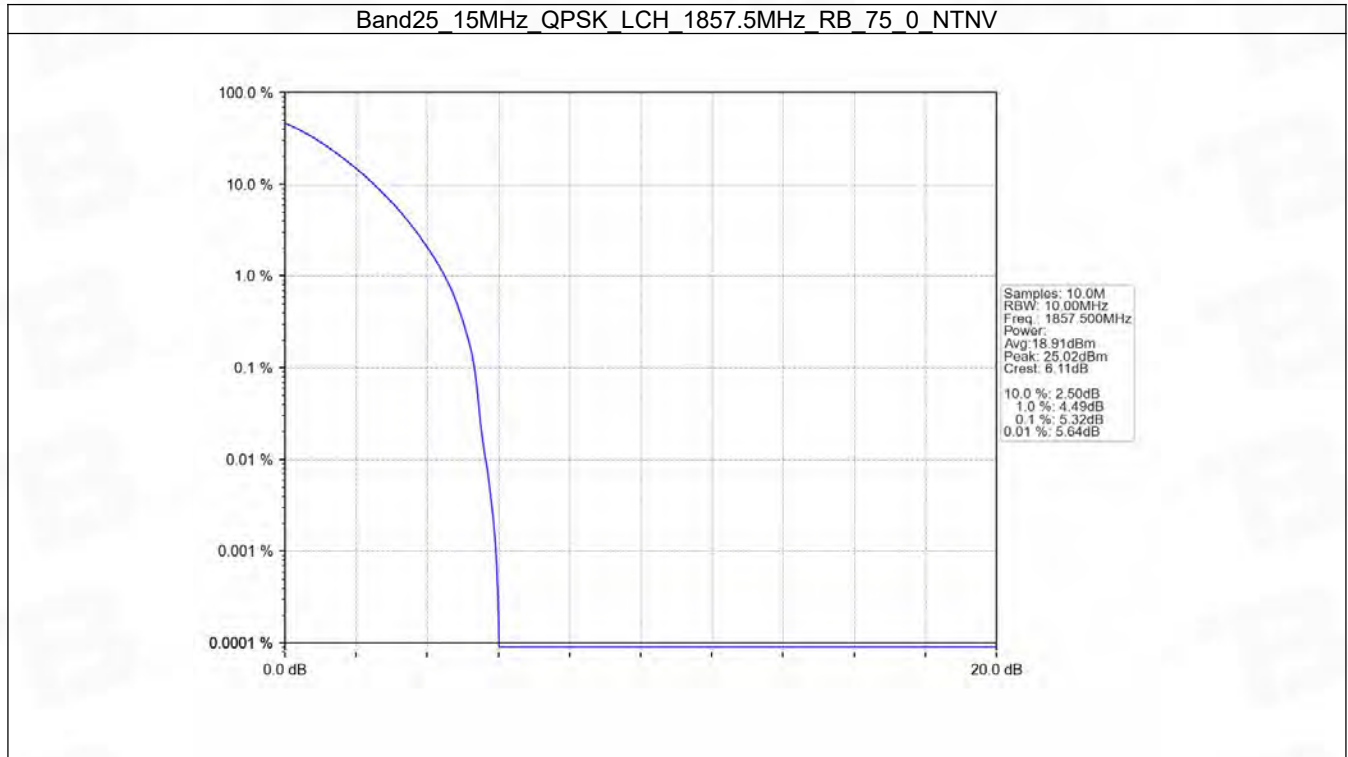


5.5 B25_15MHz

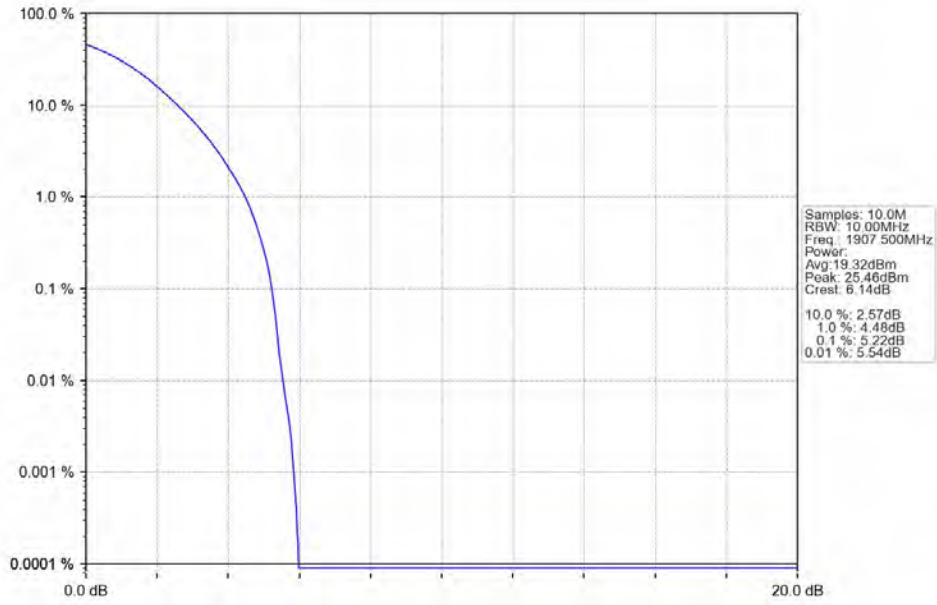
5.5.1 Test Result

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.32	<=13	Pass
	1882.5	75	0	5.40	<=13	Pass
	1907.5	75	0	5.22	<=13	Pass
16QAM	1857.5	75	0	6.08	<=13	Pass
	1882.5	75	0	6.16	<=13	Pass
	1907.5	75	0	6.03	<=13	Pass

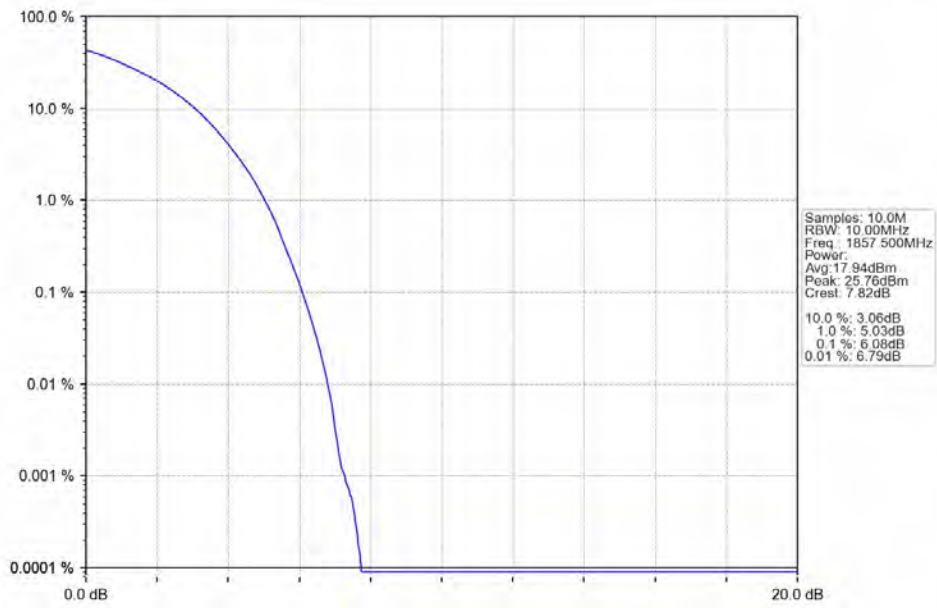
5.5.2 Test Graph



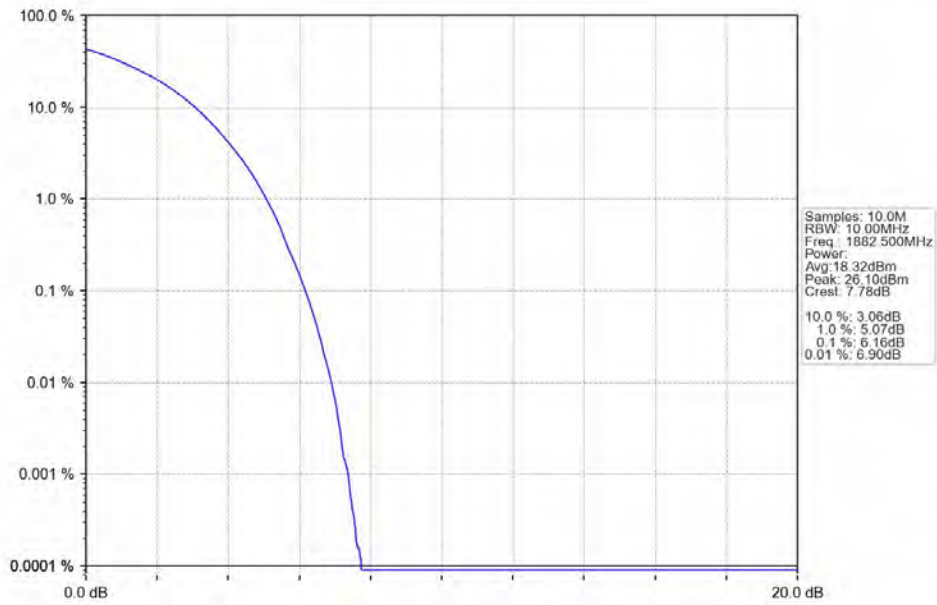
Band25_15MHz_QPSK_HCH_1907.5MHz_RB_75_0_NTNV



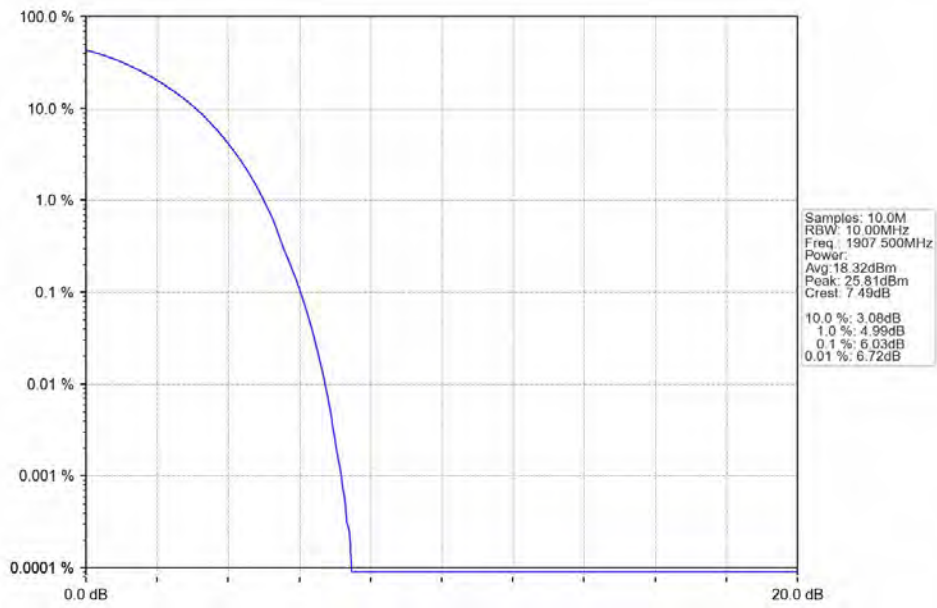
Band25_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV

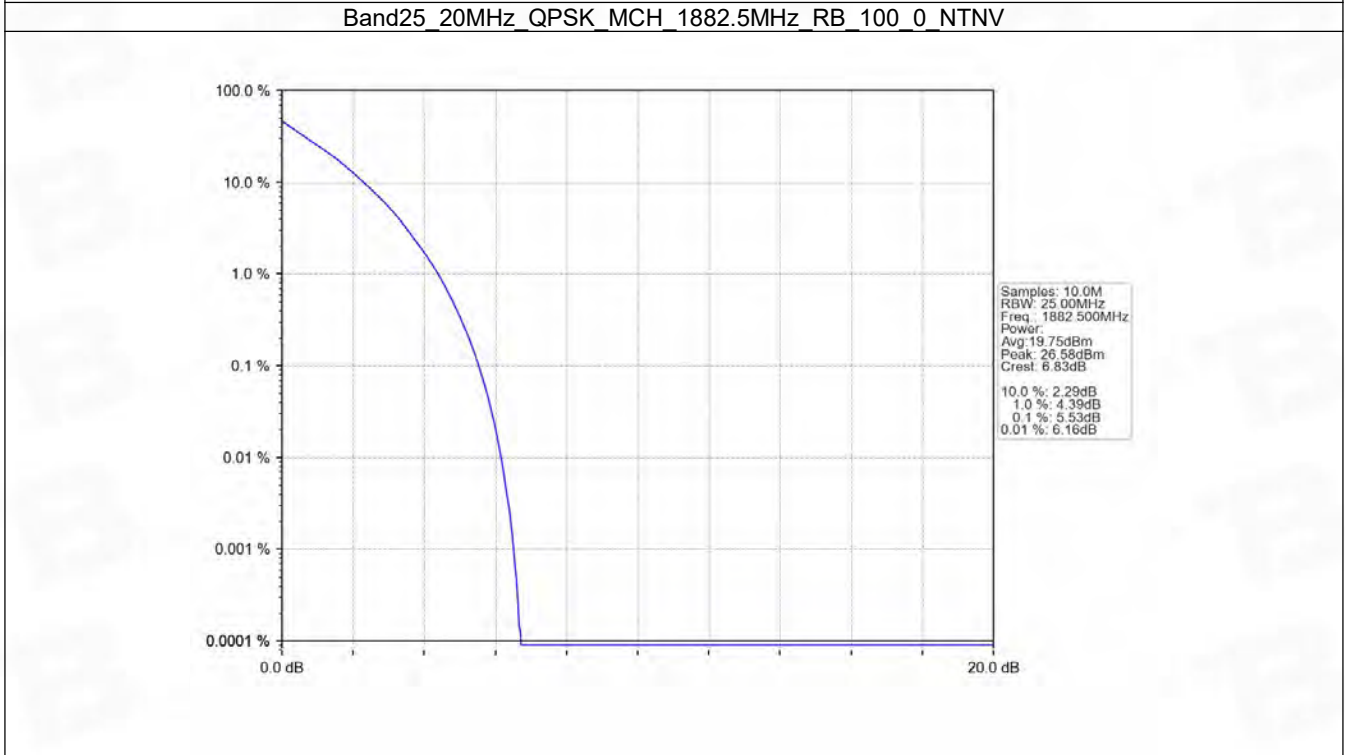
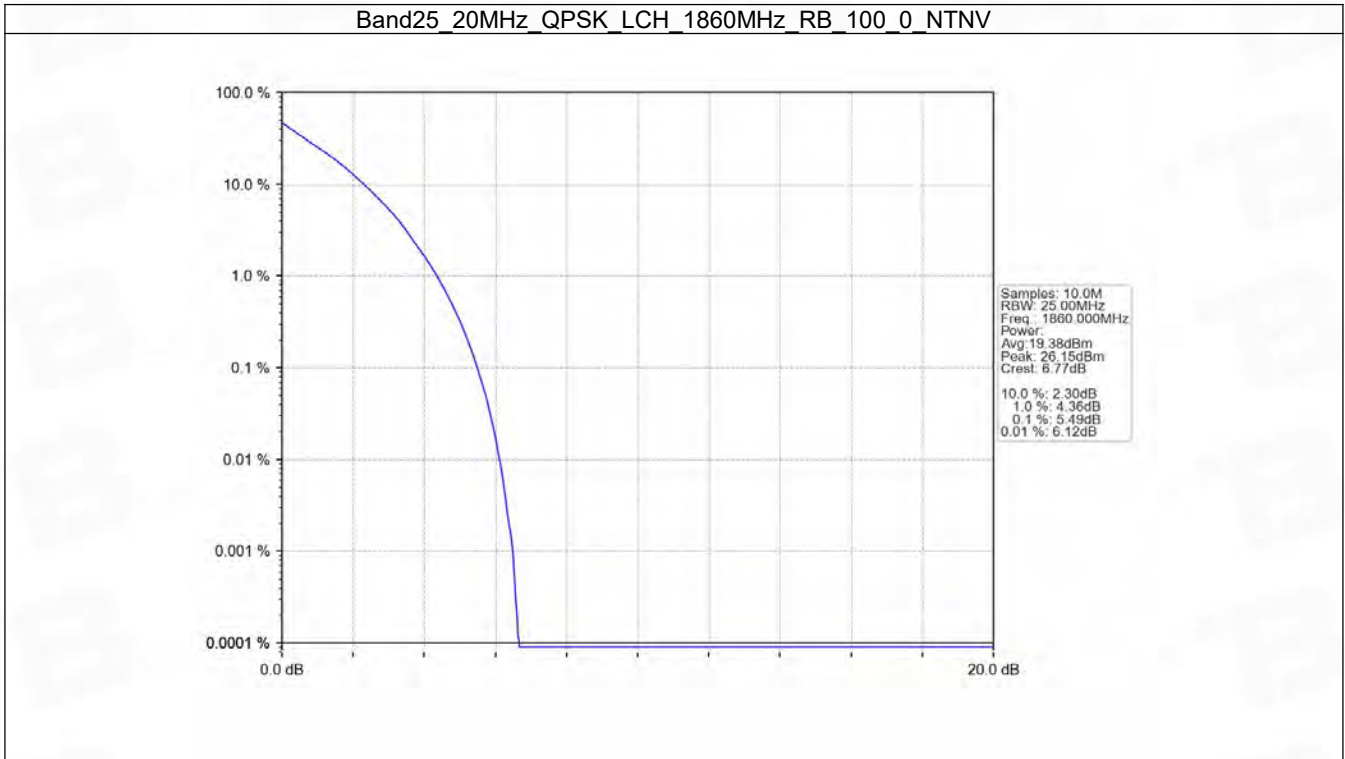


5.6 B25_20MHz

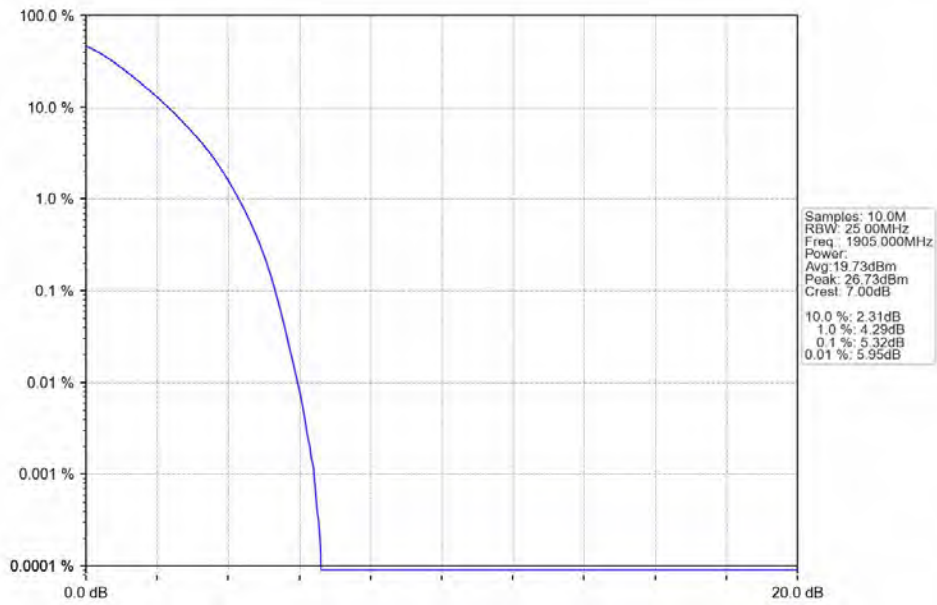
5.6.1 Test Result

Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.49	<=13	Pass
	1882.5	100	0	5.53	<=13	Pass
	1905	100	0	5.32	<=13	Pass
16QAM	1860	100	0	6.21	<=13	Pass
	1882.5	100	0	6.29	<=13	Pass
	1905	100	0	6.11	<=13	Pass

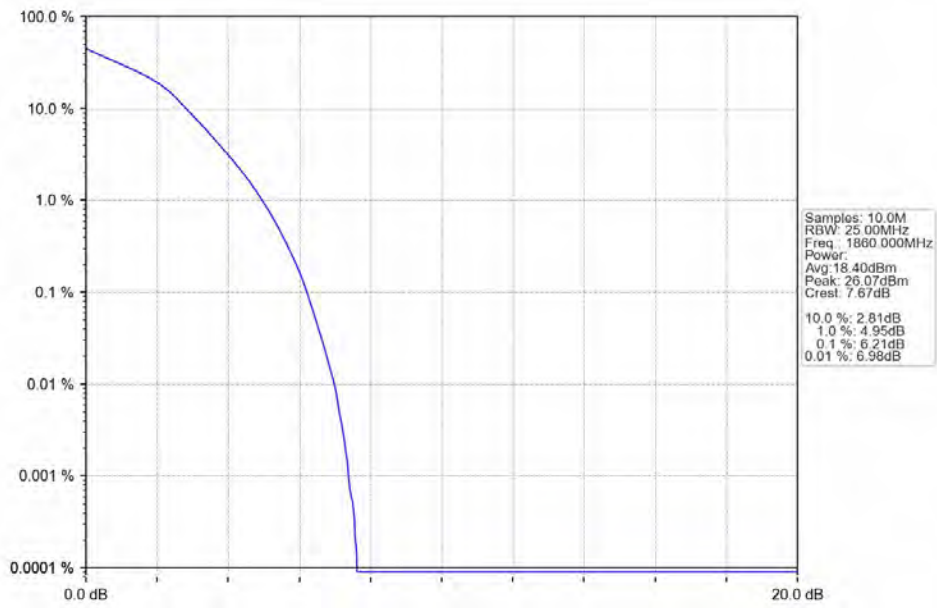
5.6.2 Test Graph



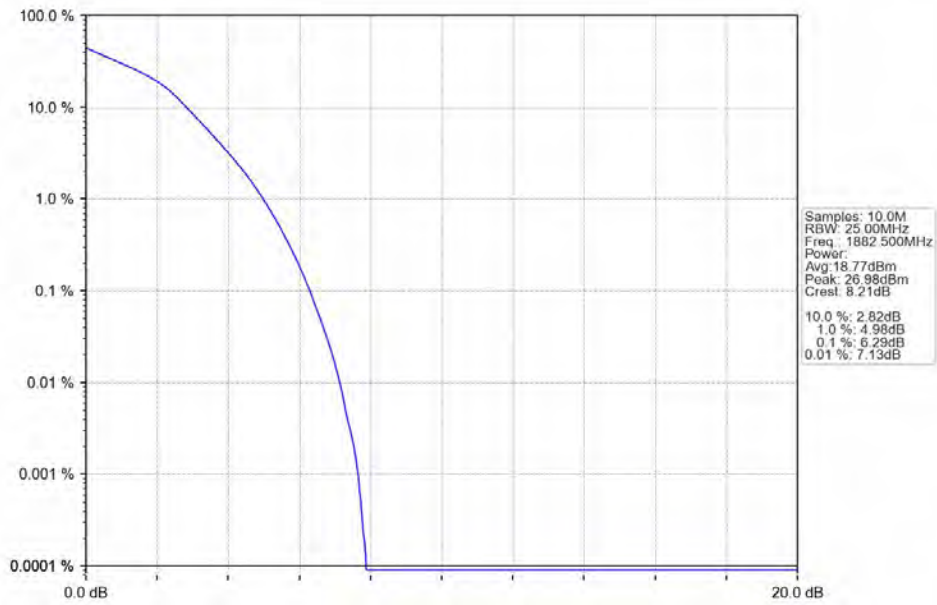
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



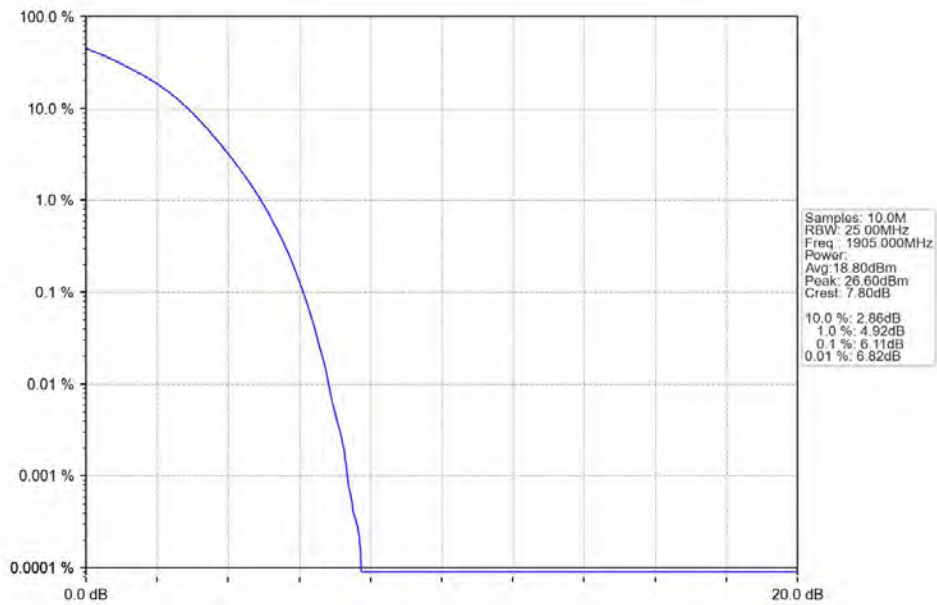
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25_20MHz_16QAM_MCH_1882.5MHz_RB_100_0_NTNV



Band25_20MHz_16QAM_HCH_1905MHz_RB_100_0_NTNV



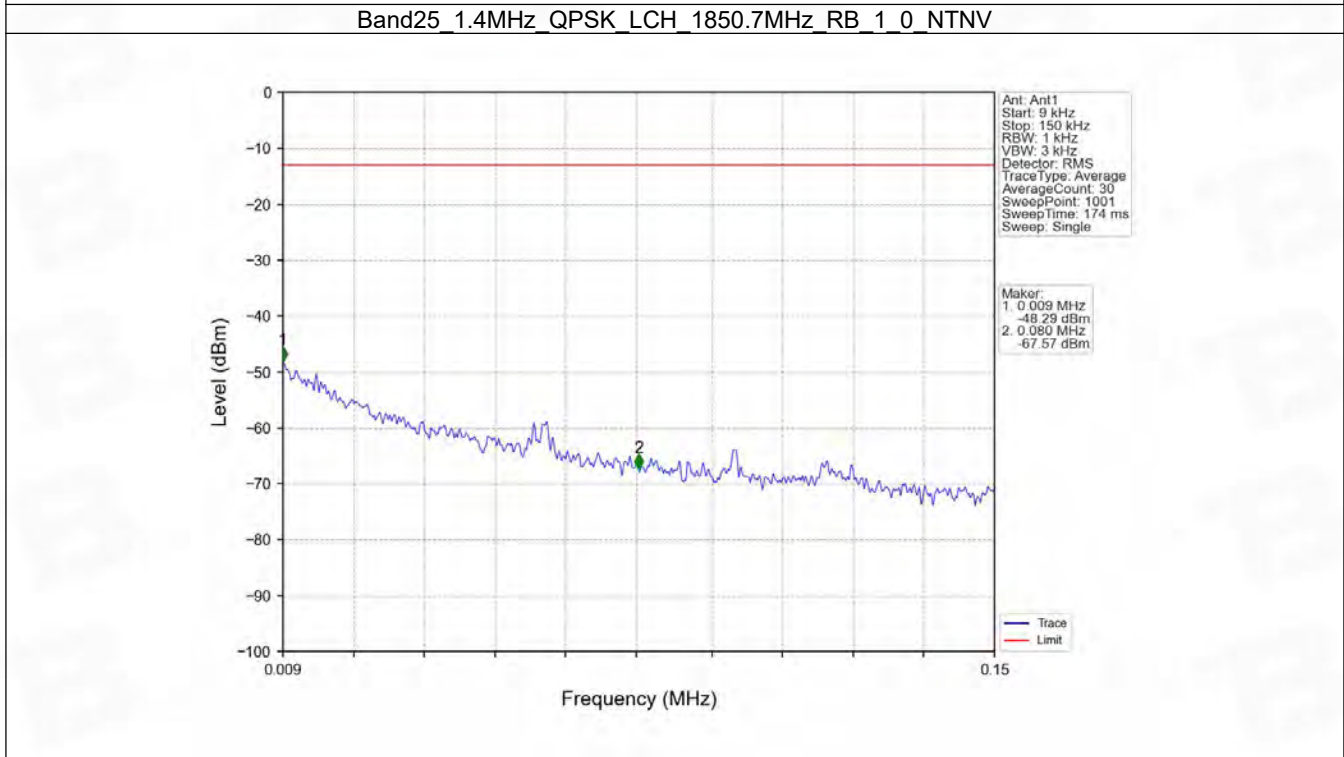
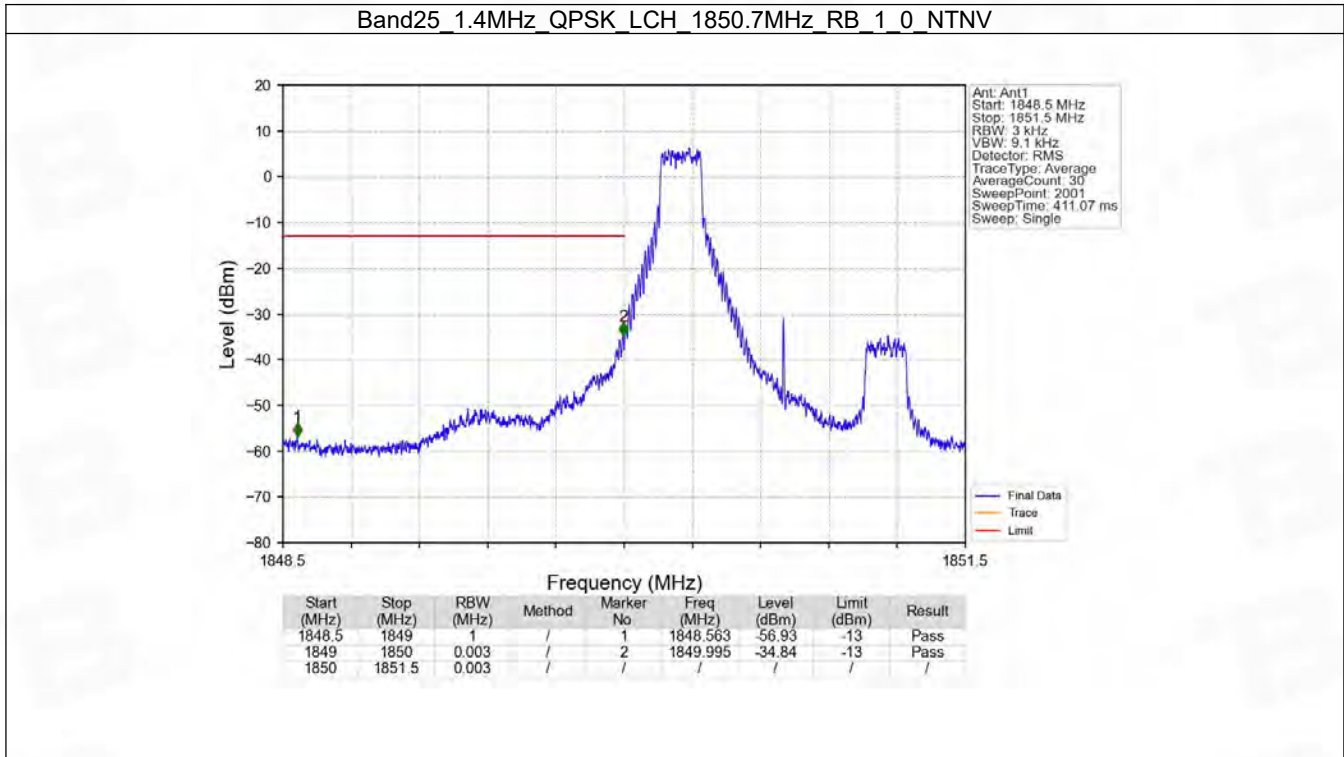
6. Spurious Emission

6.1 B25_1.4MHz

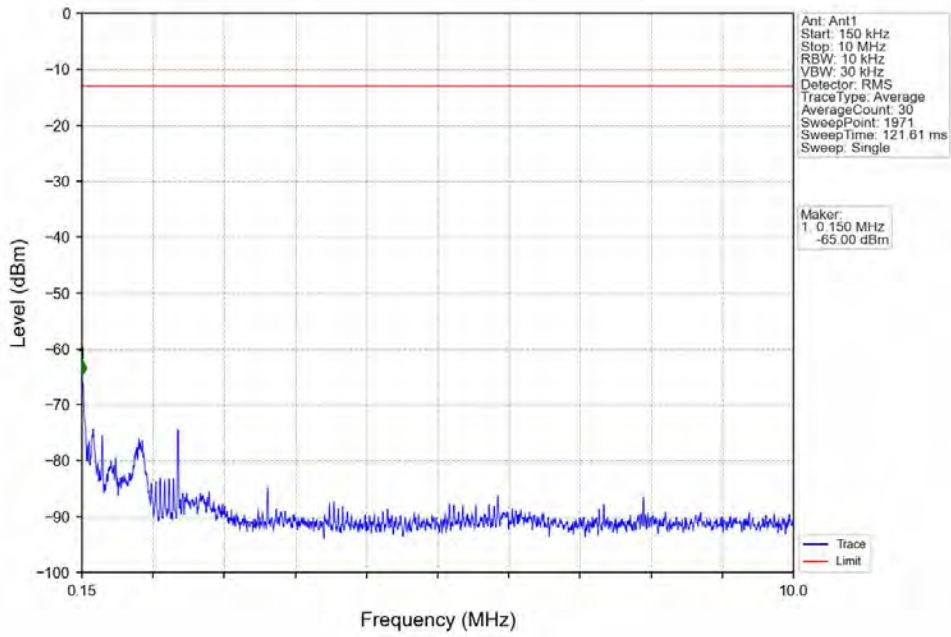
6.1.1 Test Result

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
	1882.5	1	0	Refer To Test Graph		Pass
		1914.3	1	0	Refer To Test Graph	
				5	Refer To Test Graph	
			6	0	Refer To Test Graph	
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
		1914.3	1	0	Refer To Test Graph	
				5	Refer To Test Graph	
			6	0	Refer To Test Graph	

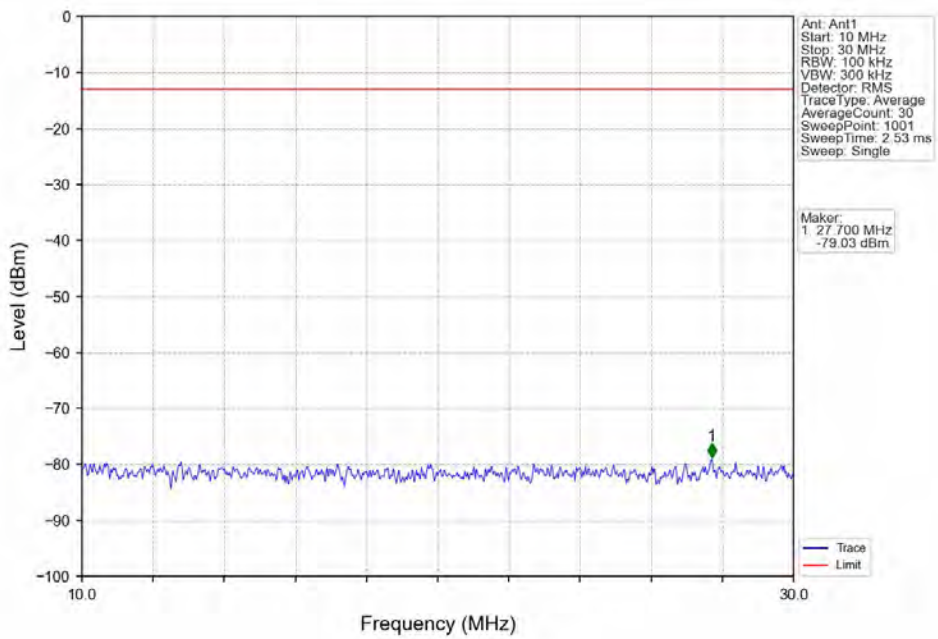
6.1.2 Test Graph



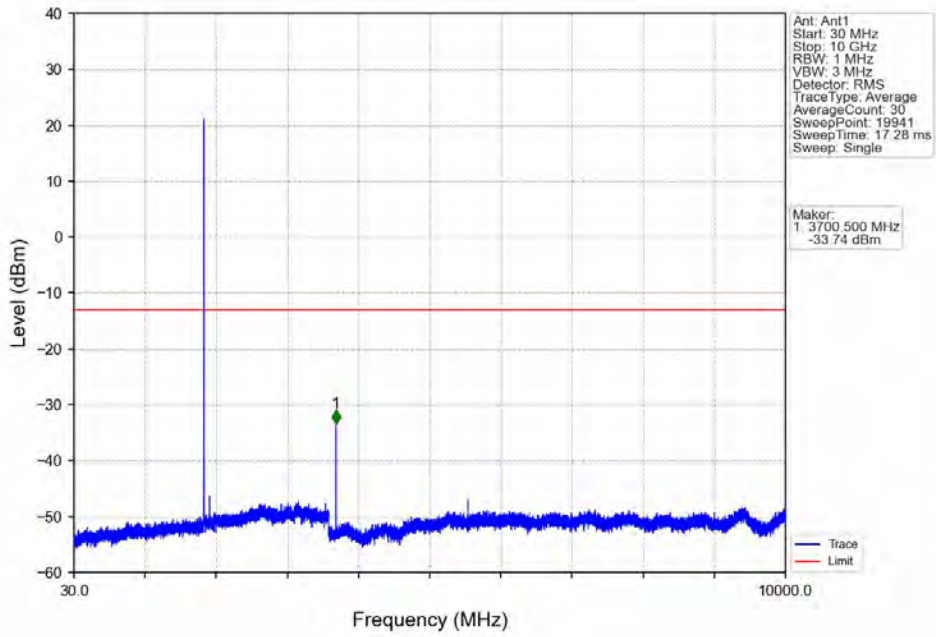
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



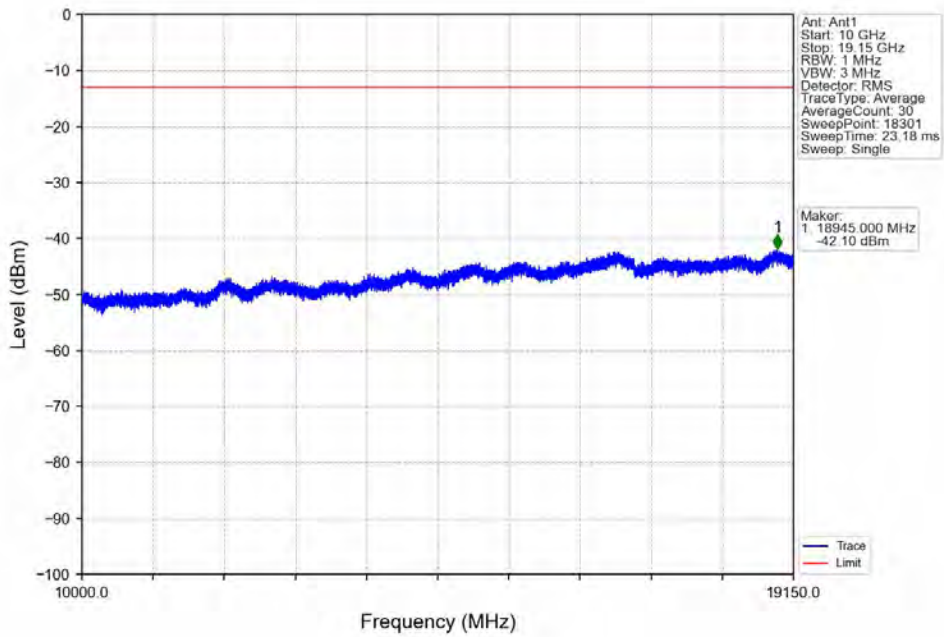
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



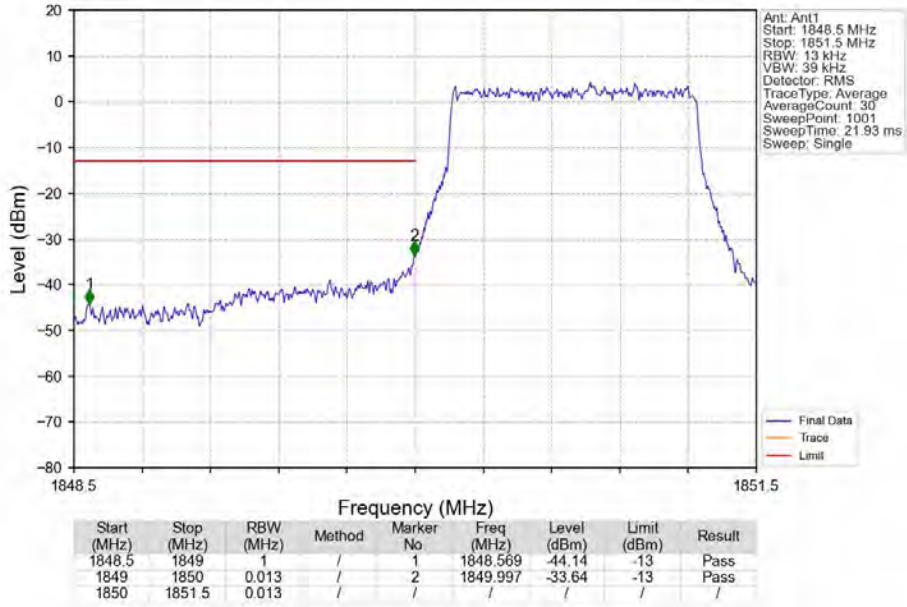
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



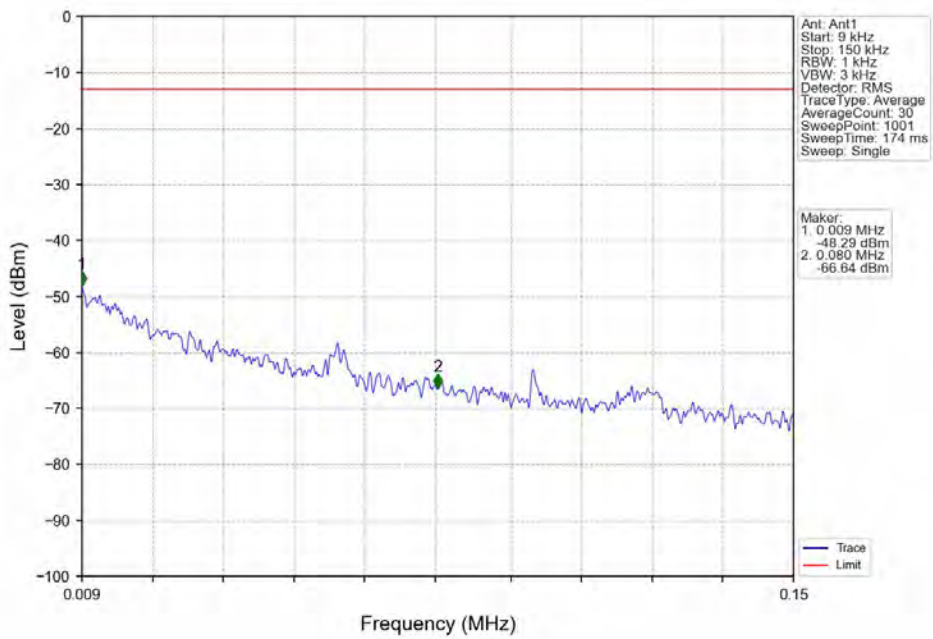
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTV



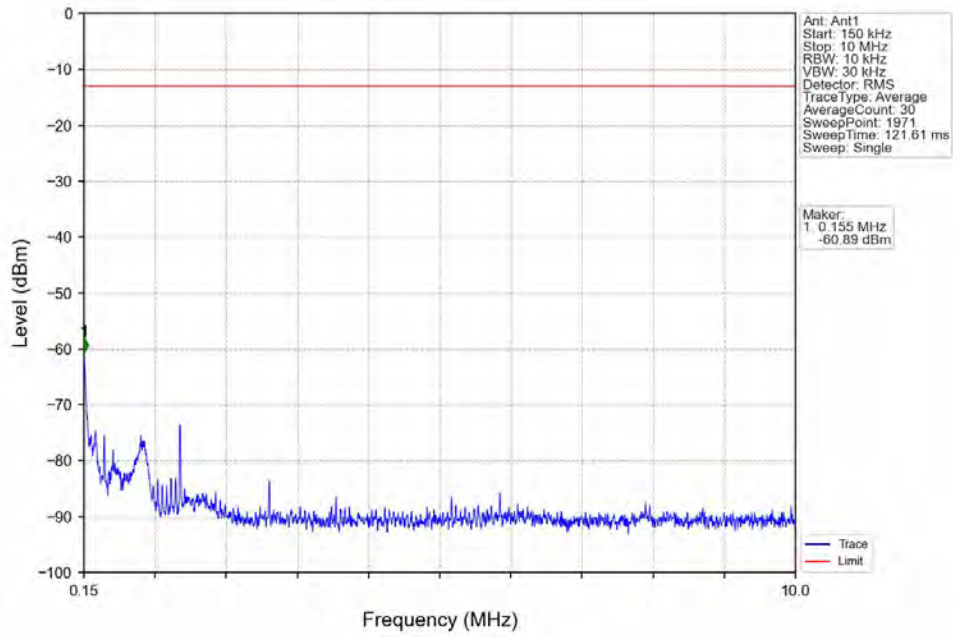
Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV



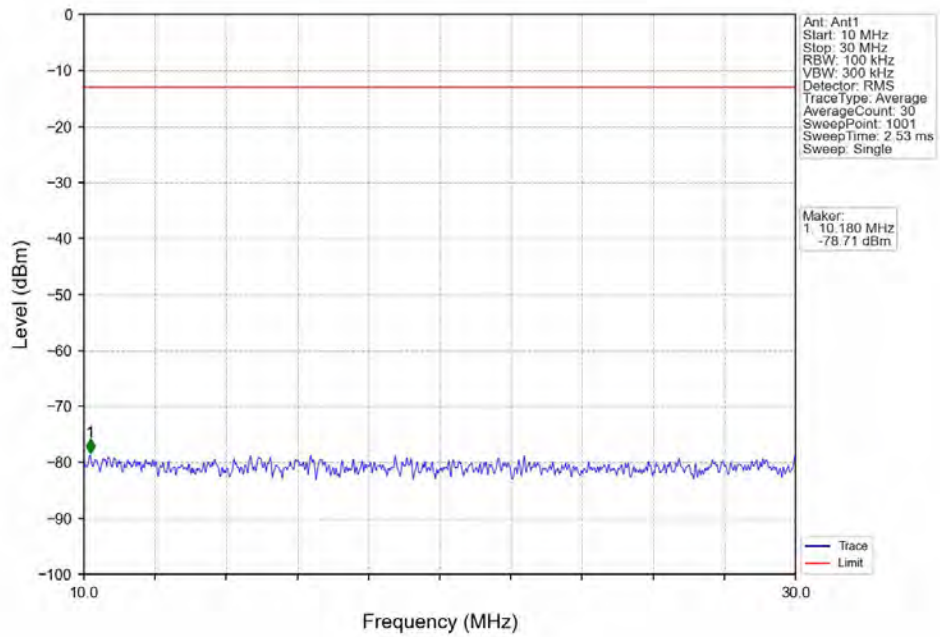
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



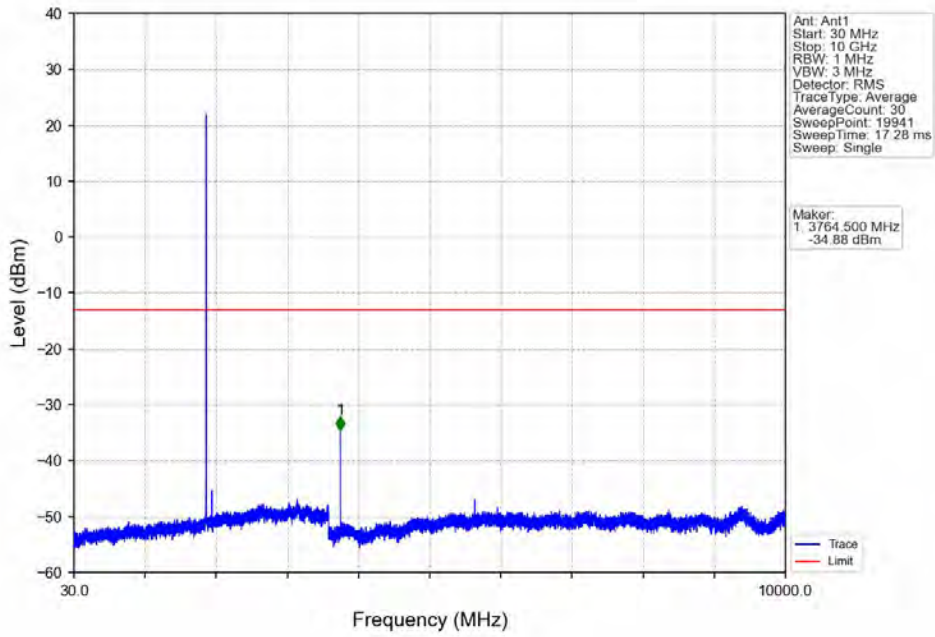
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



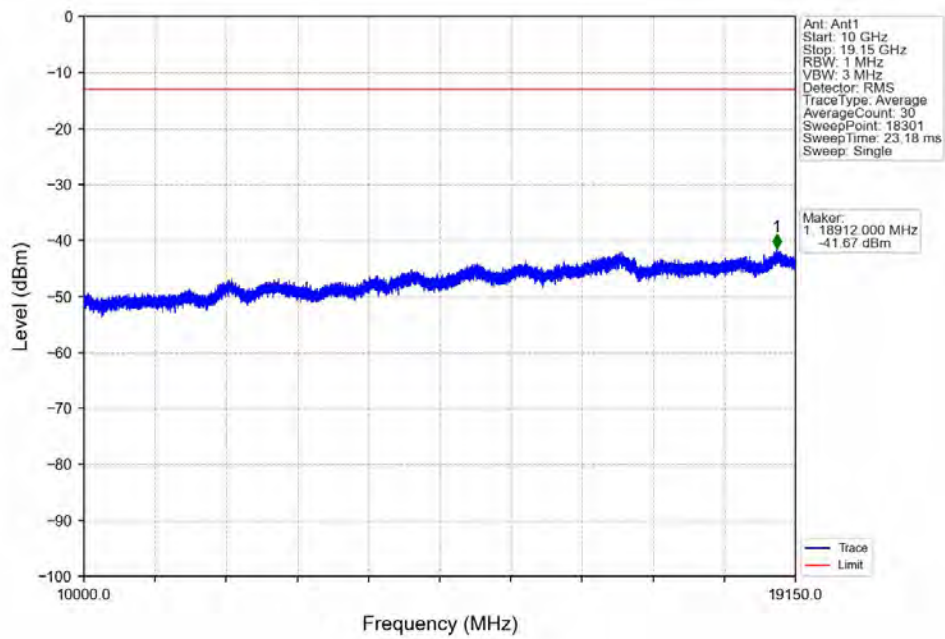
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



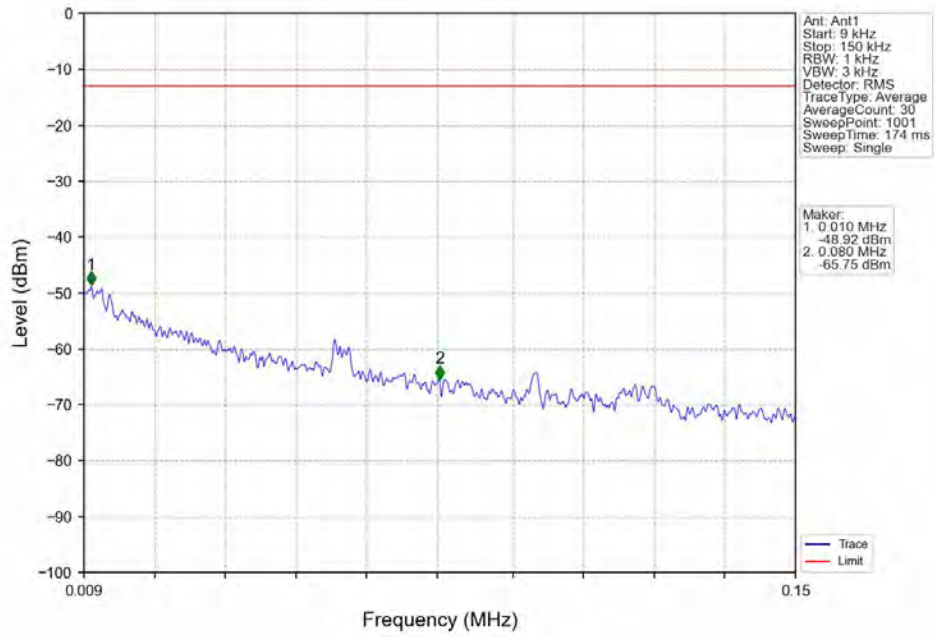
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



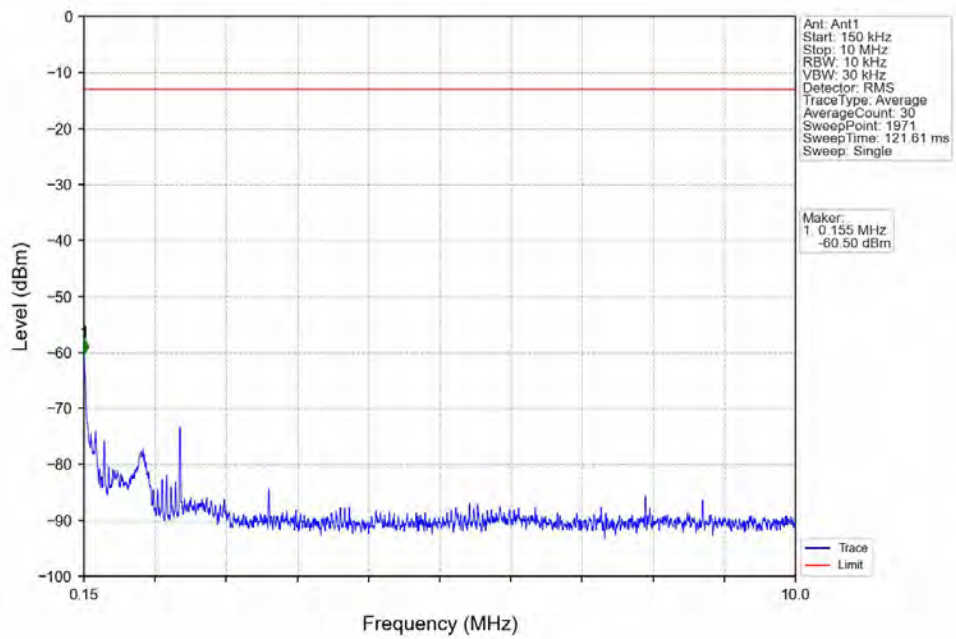
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



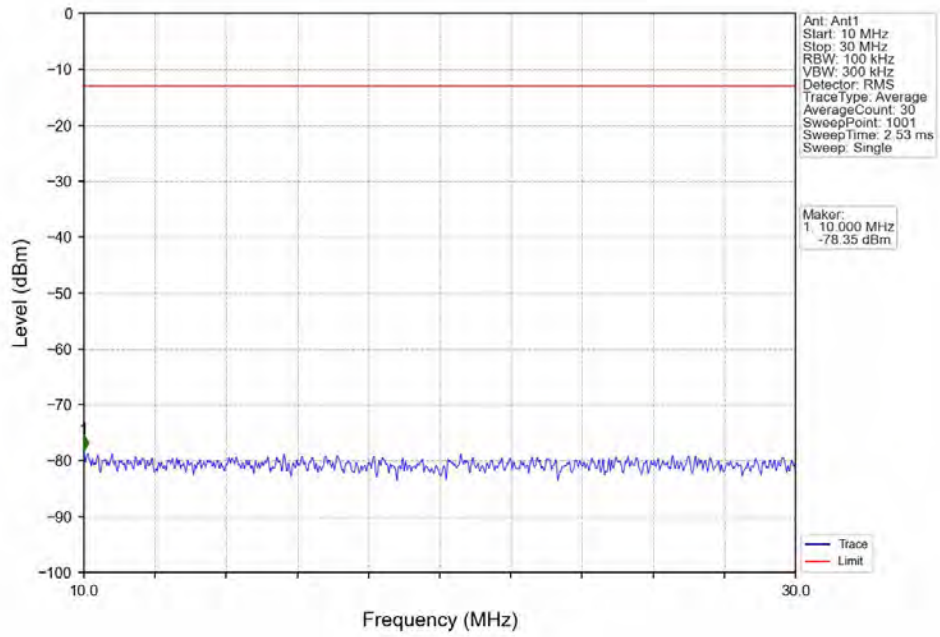
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



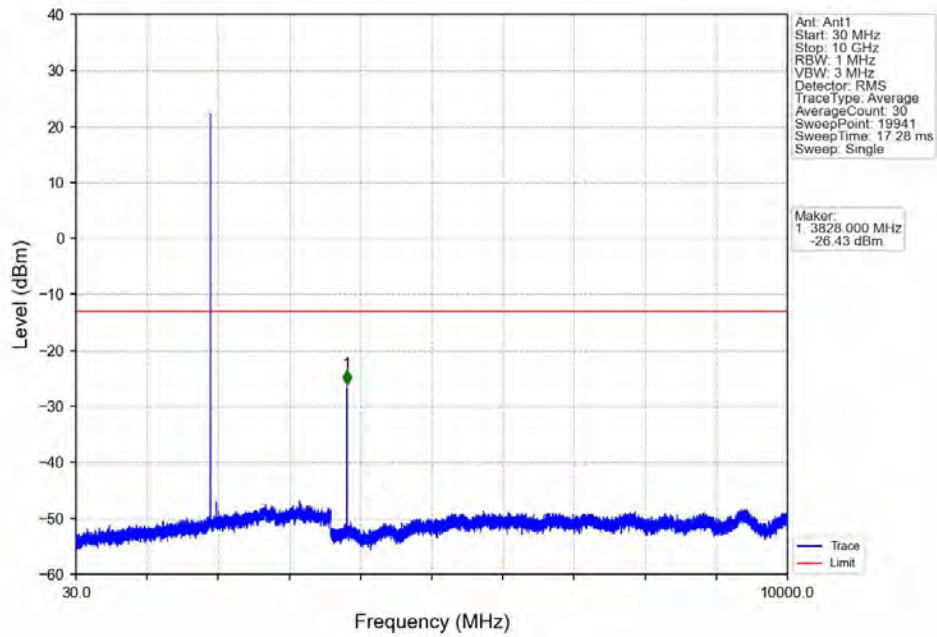
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



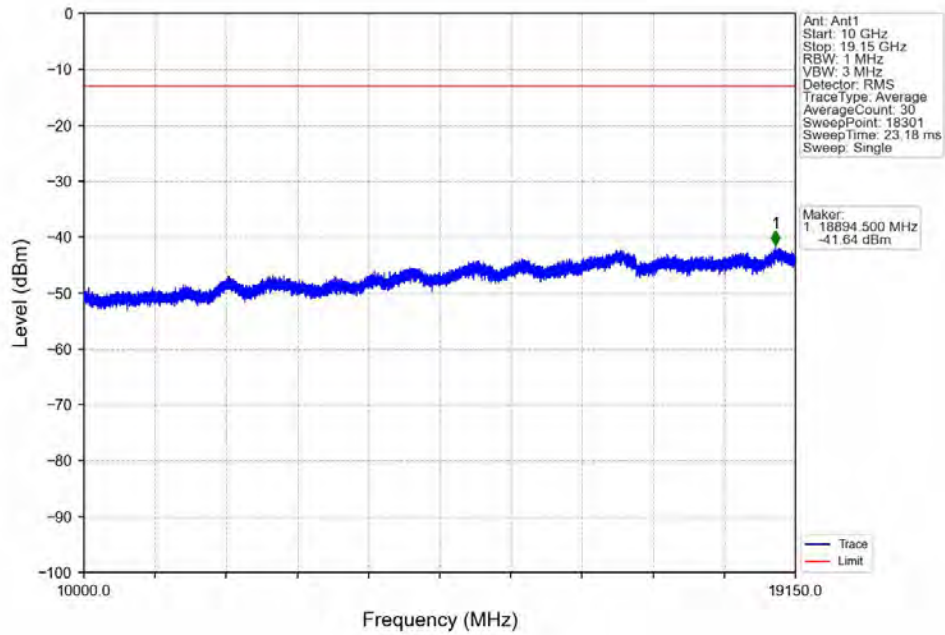
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTV



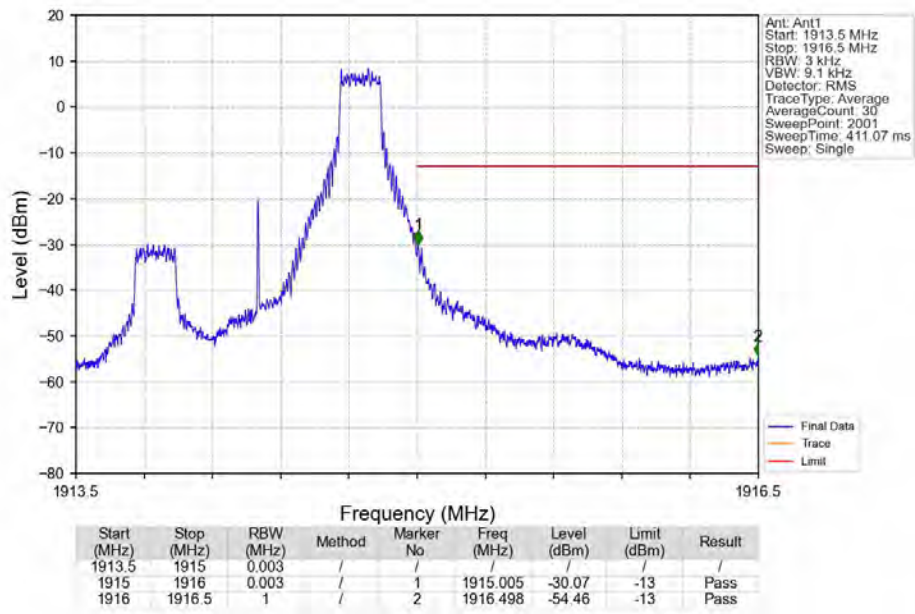
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTV



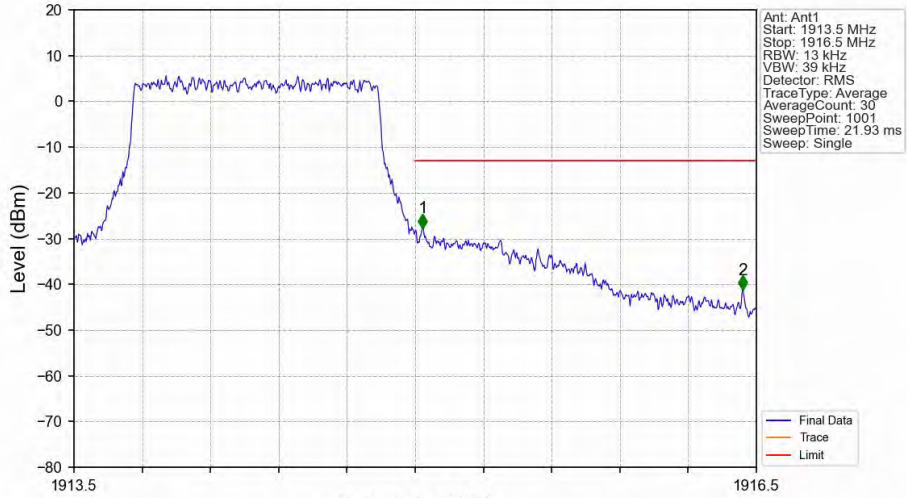
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV

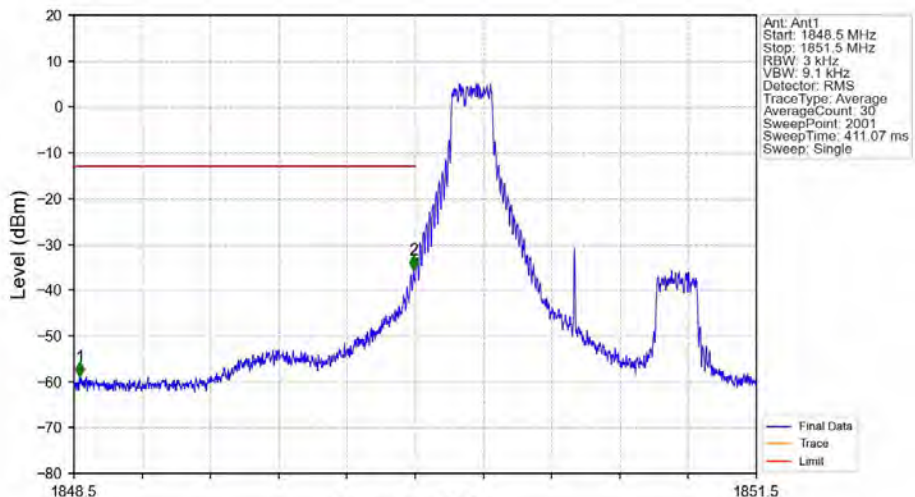


Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



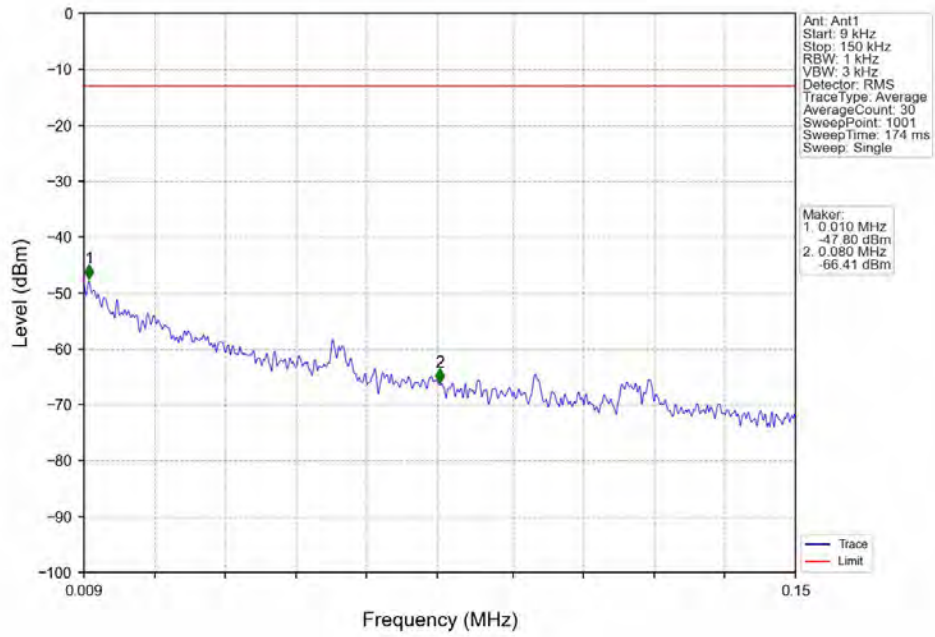
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1913.5	1915	0.013	/	/	/	/	/	/
1915	1916	0.013	/	1	1915.033	-27.70	-13	Pass
1916	1916.5	1	/	2	1916.440	-41.16	-13	Pass

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

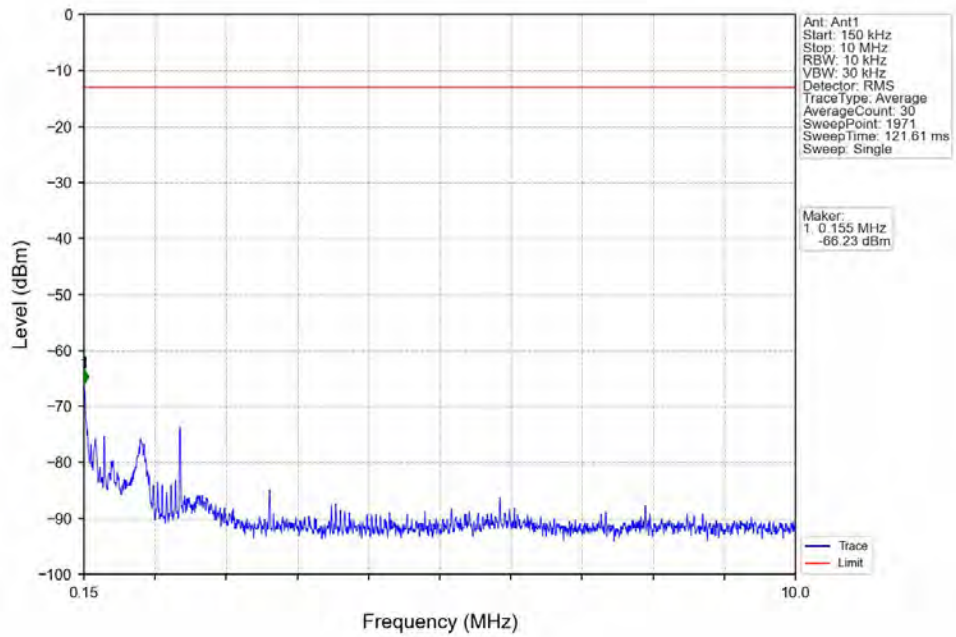


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.525	-58.78	-13	Pass
1849	1850	0.003	/	2	1849.993	-35.59	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

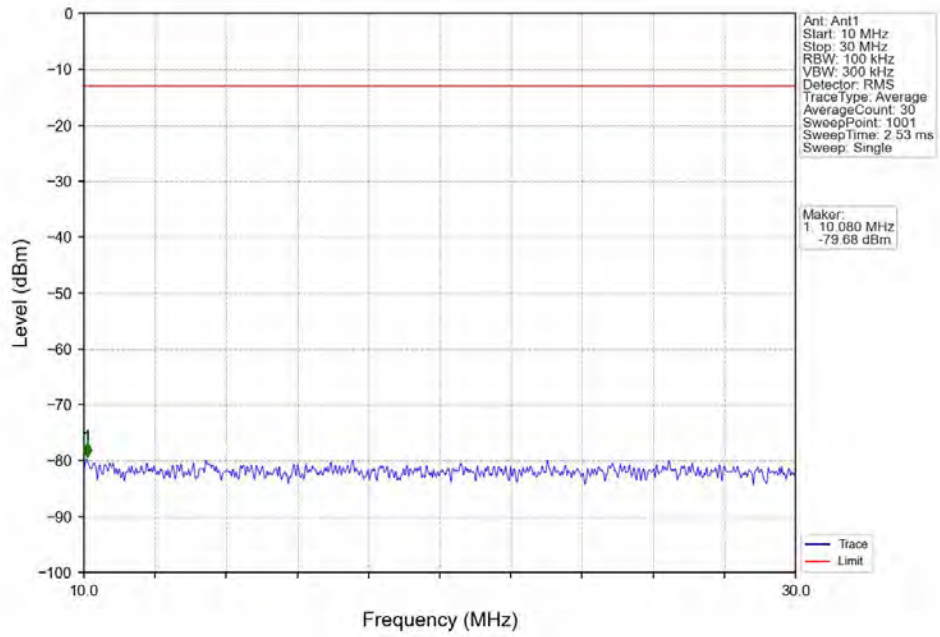
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



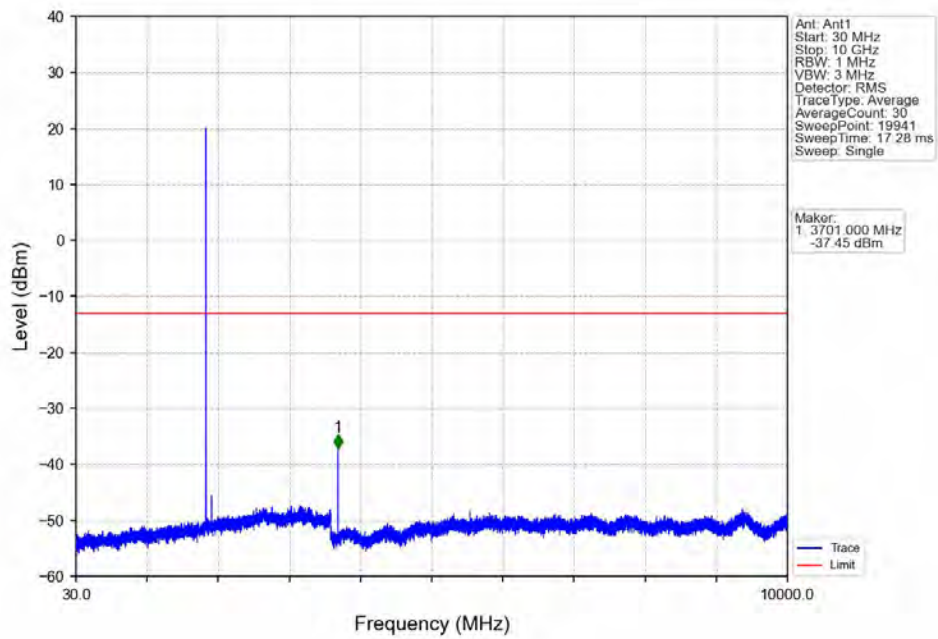
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



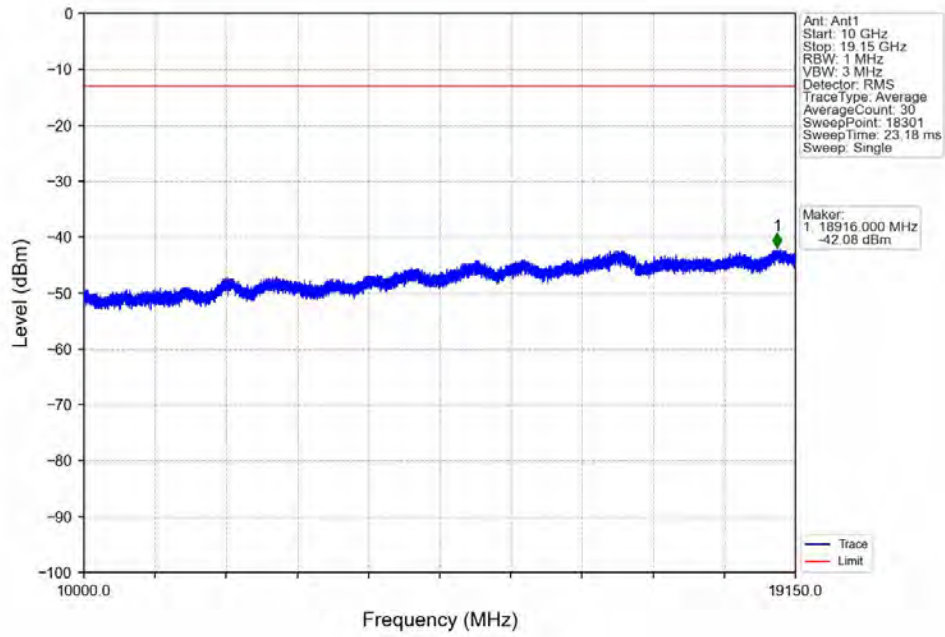
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



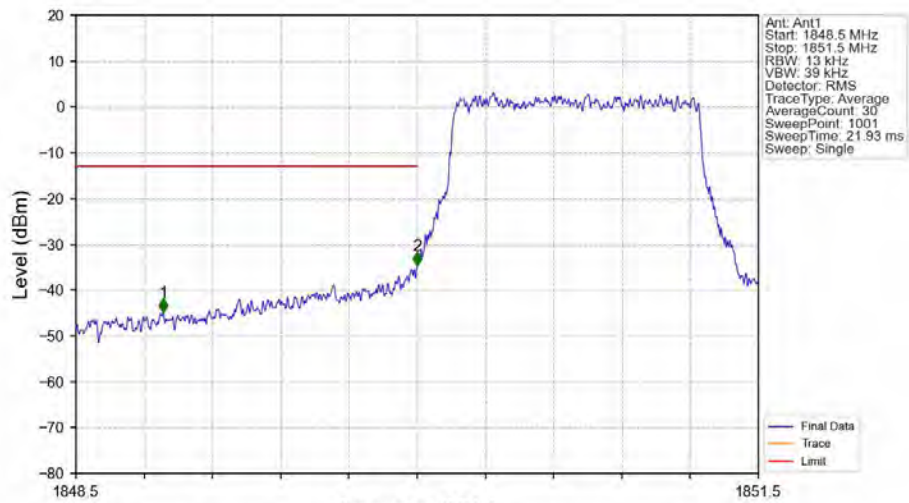
Band25_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



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

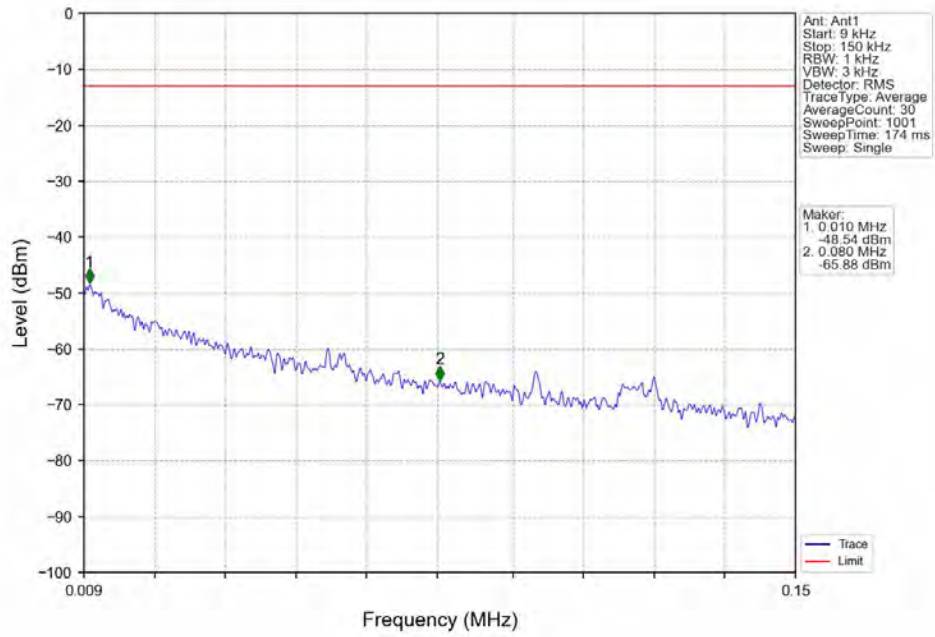


Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN

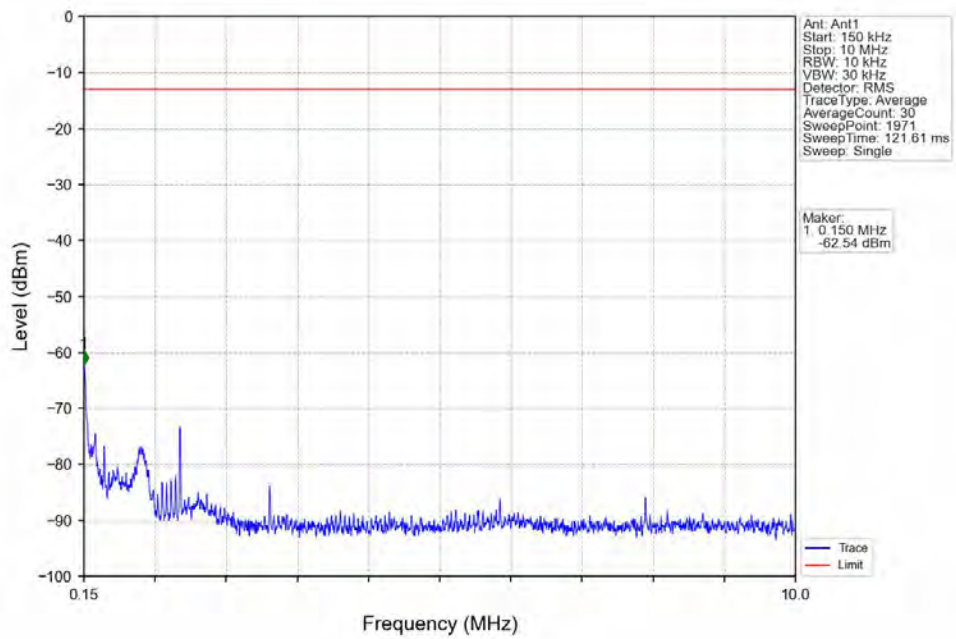


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.884	-44.97	-13	Pass
1849	1850	0.013	/	2	1850.000	-34.68	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

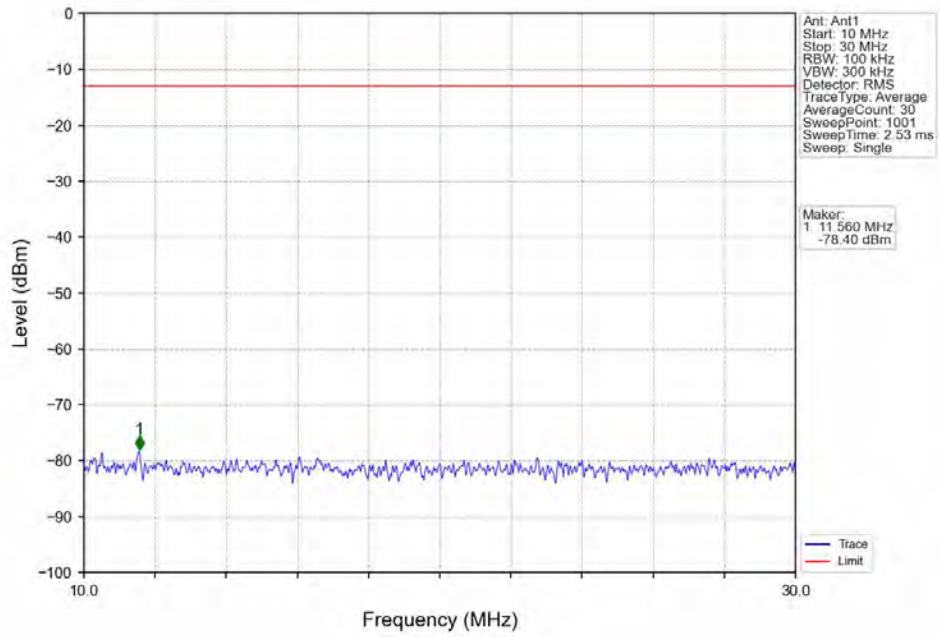
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



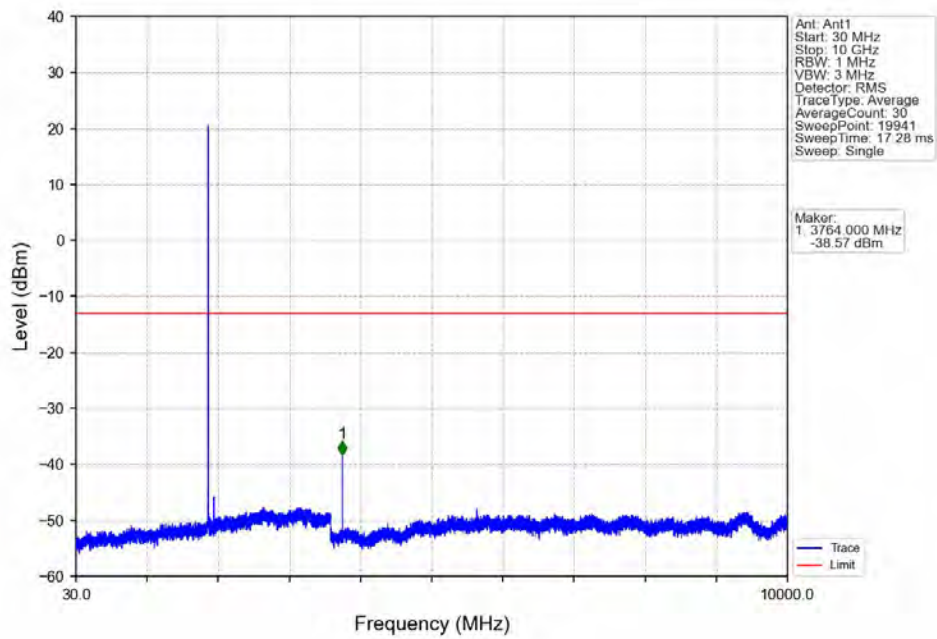
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



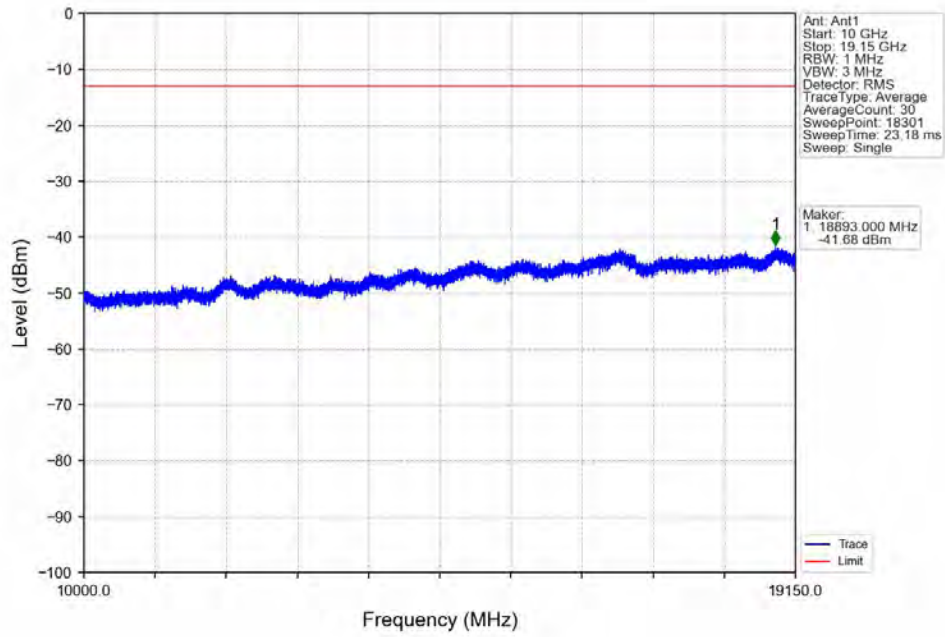
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



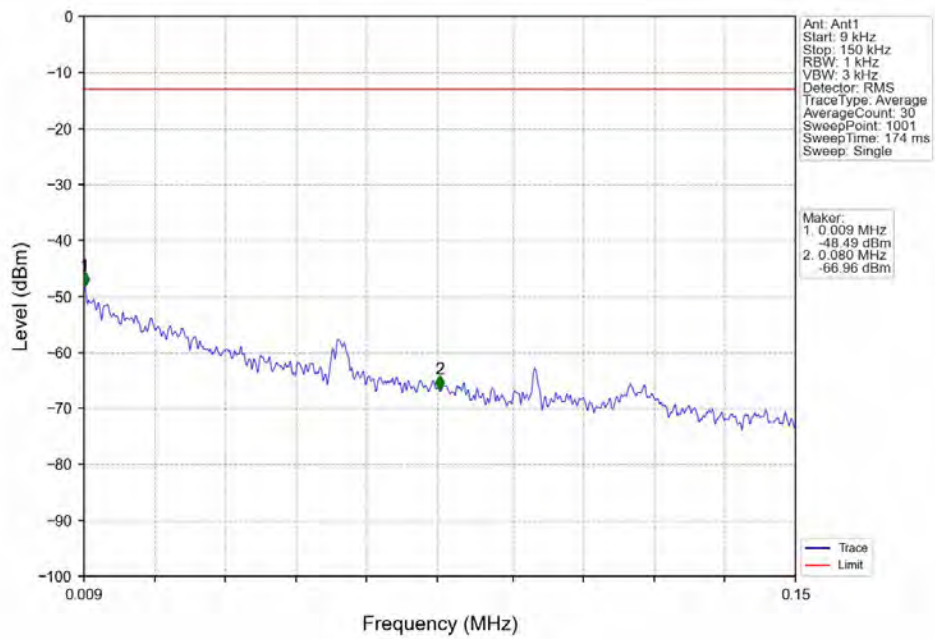
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



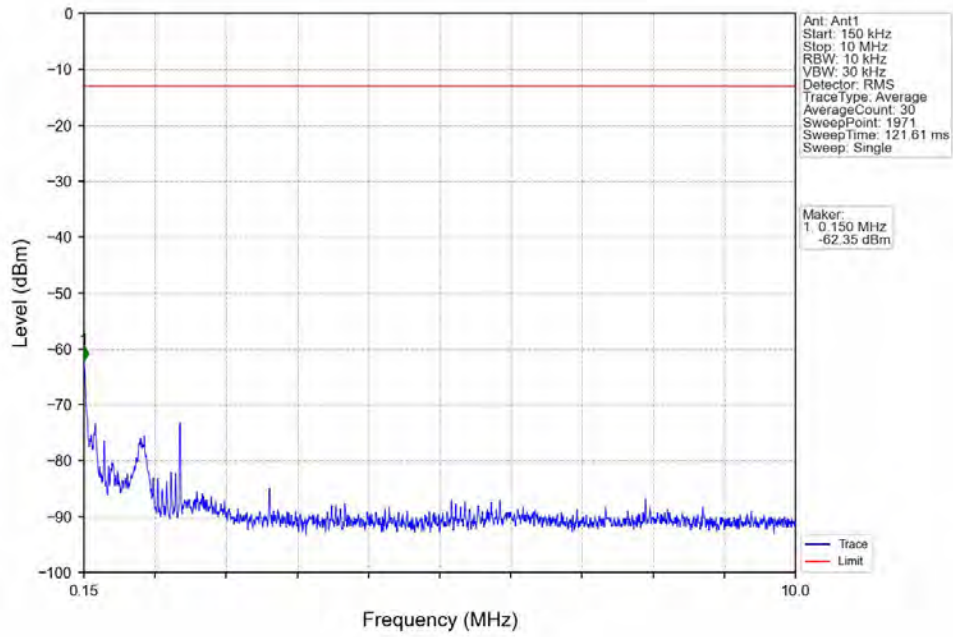
Band25_1.4MHz_16QAM_MCH_1882.5MHz_RB_1_0_NTNV



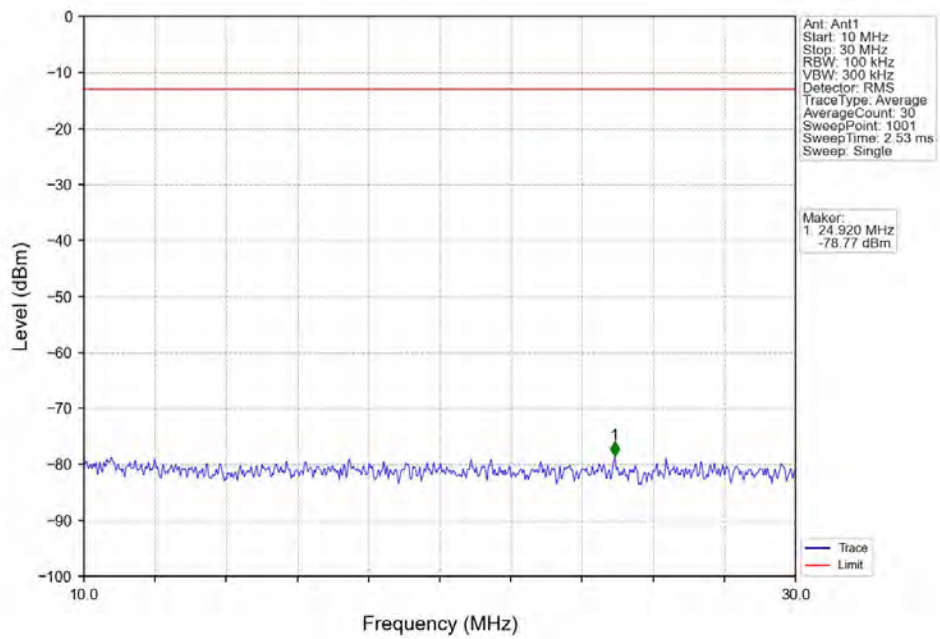
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



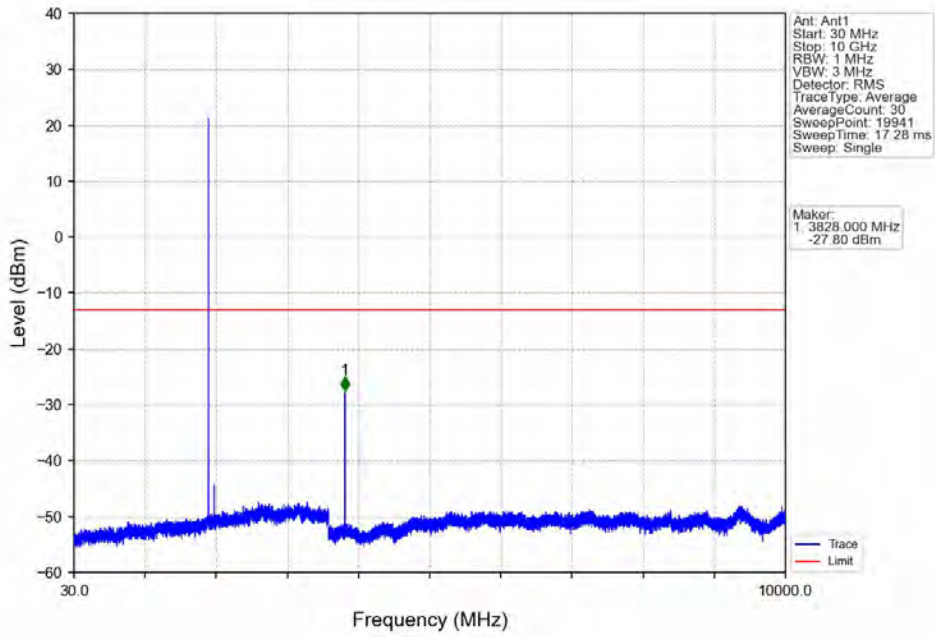
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



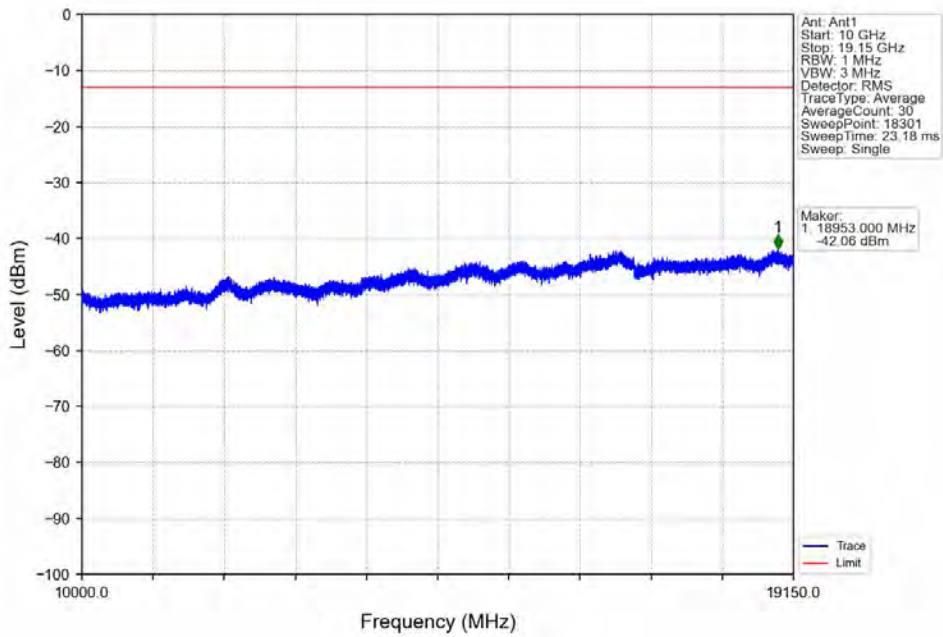
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



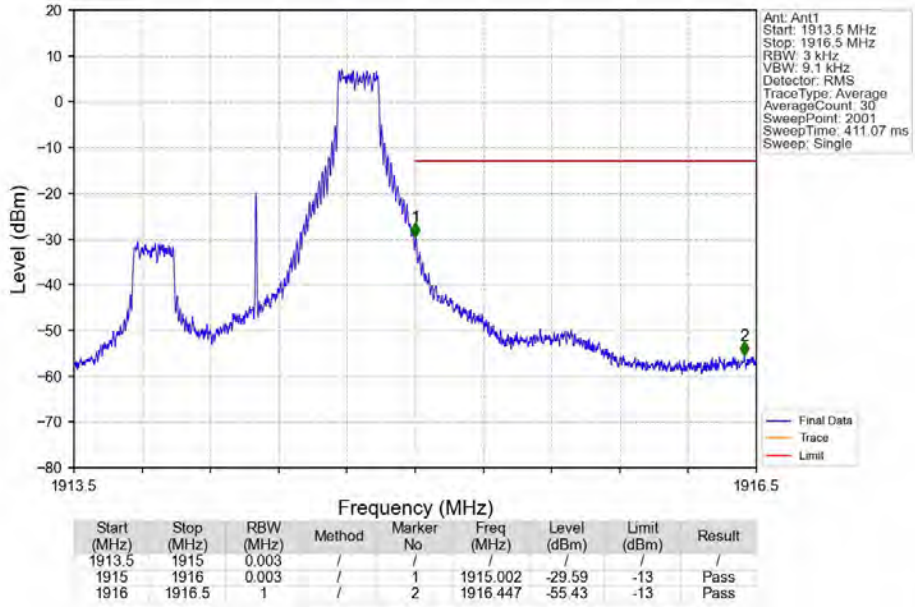
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



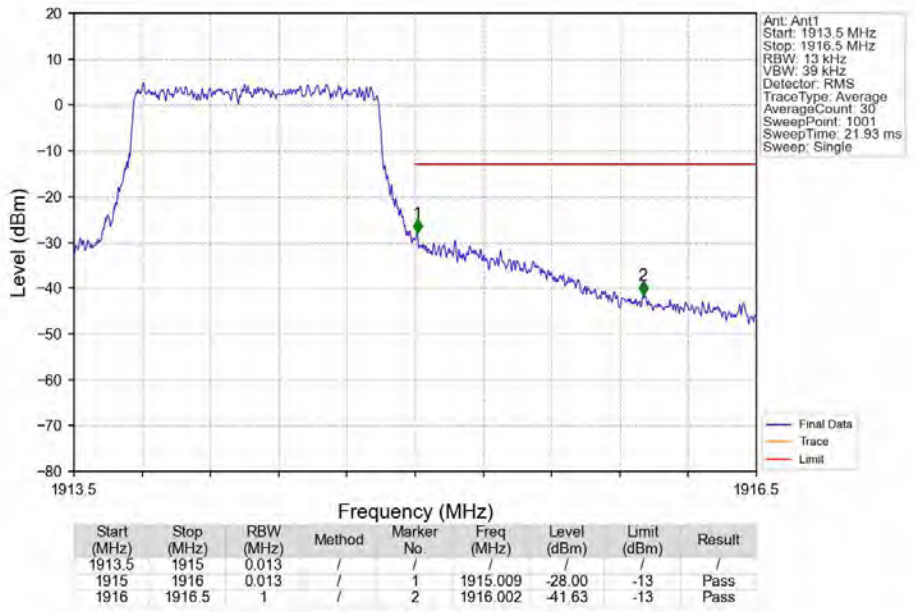
Band25_1.4MHz_16QAM_HCH_1914.3MHz_RB_1_0_NTNV



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



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

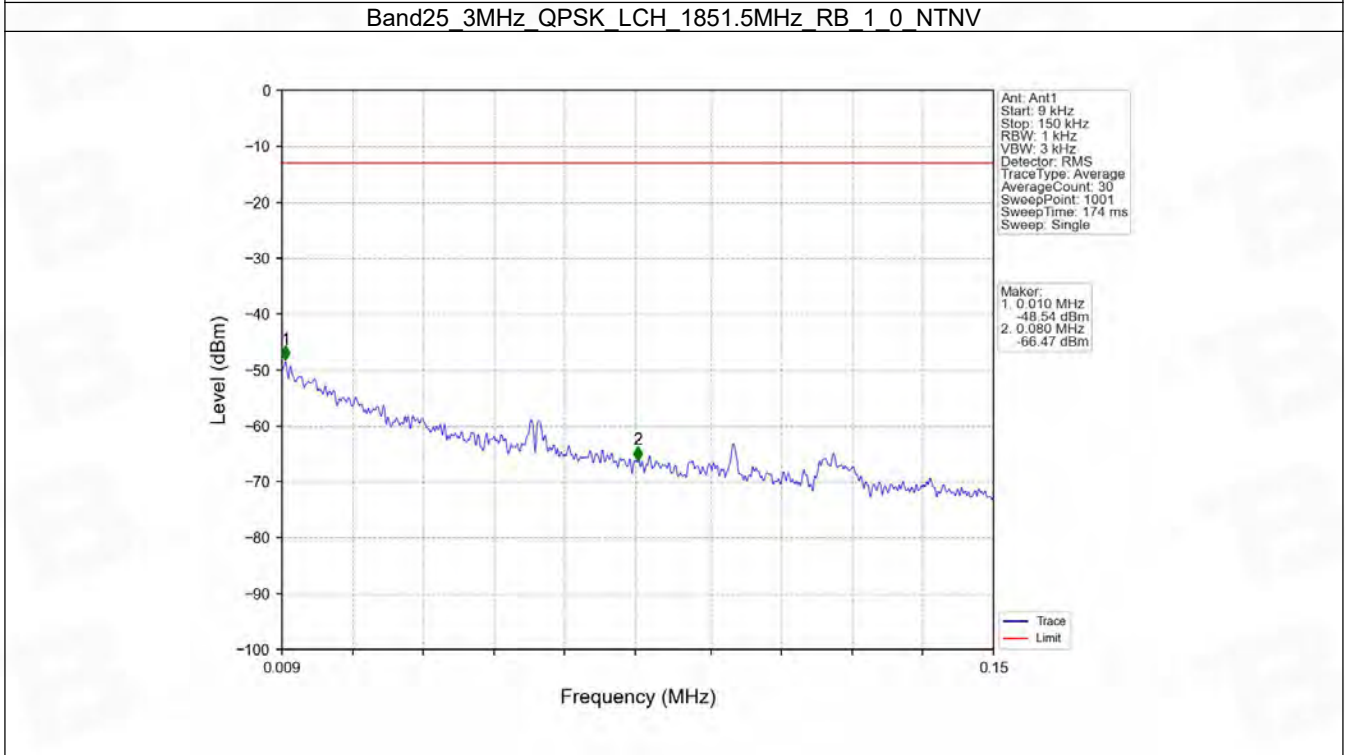
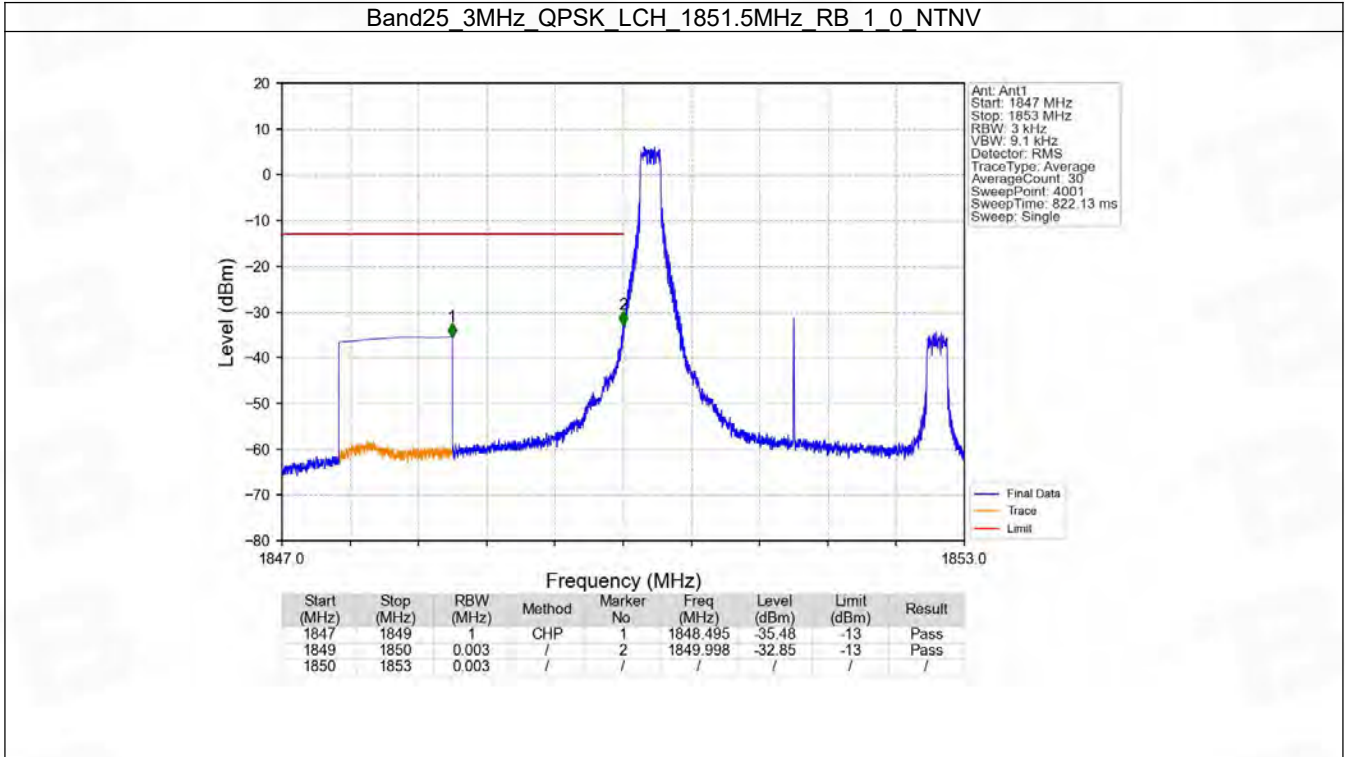


6.2 B25_3MHz

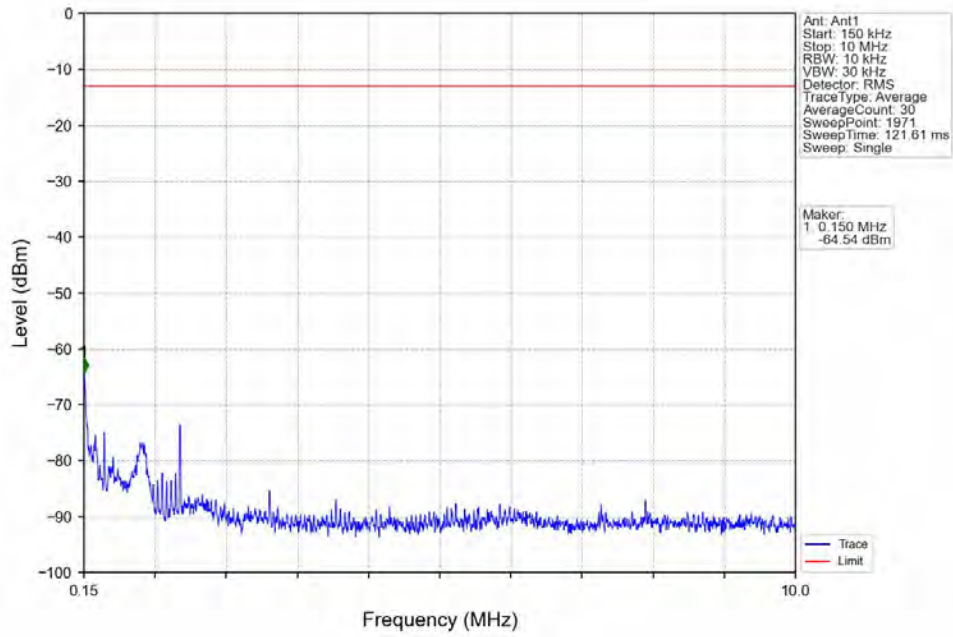
6.2.1 Test Result

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	

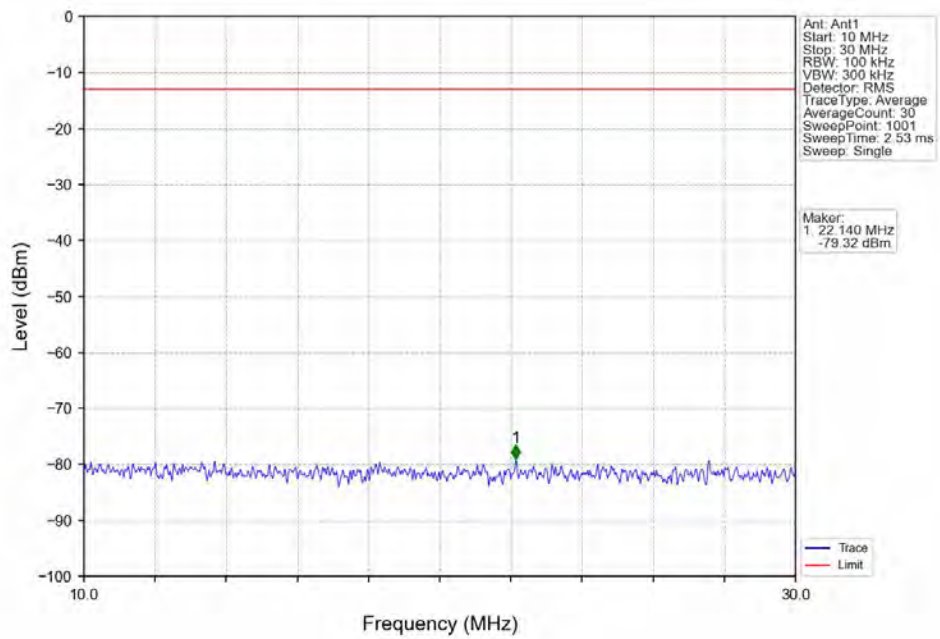
6.2.2 Test Graph



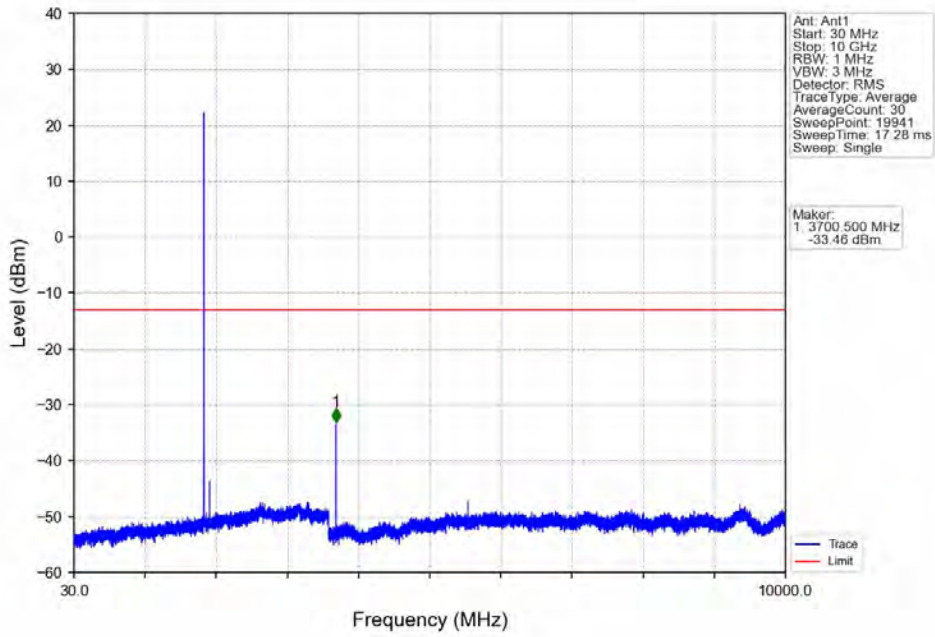
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



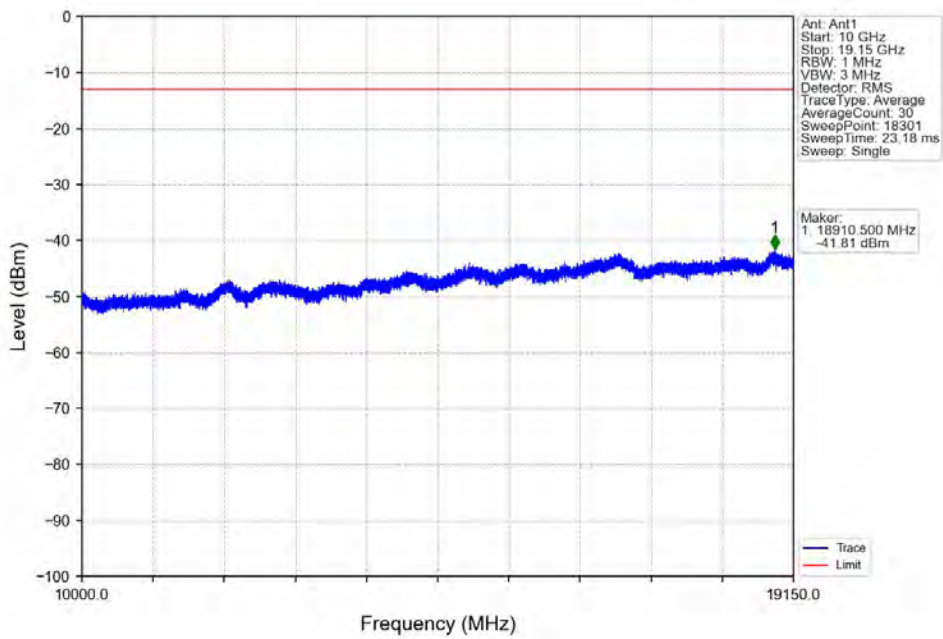
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



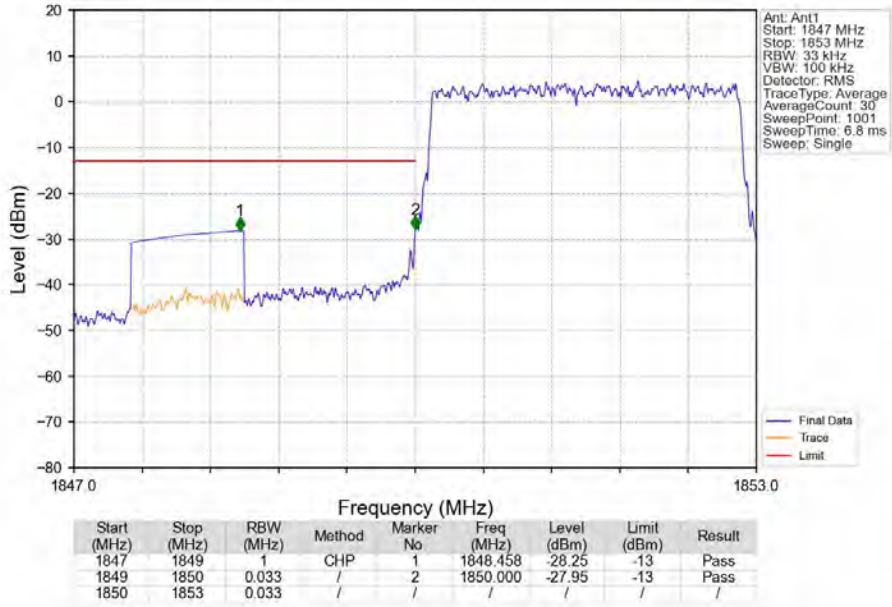
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



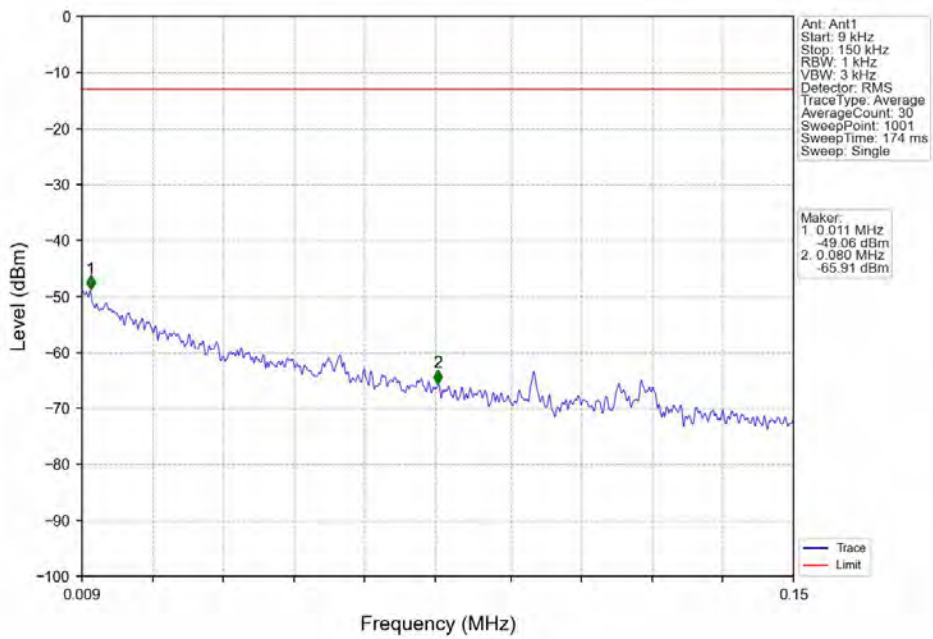
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



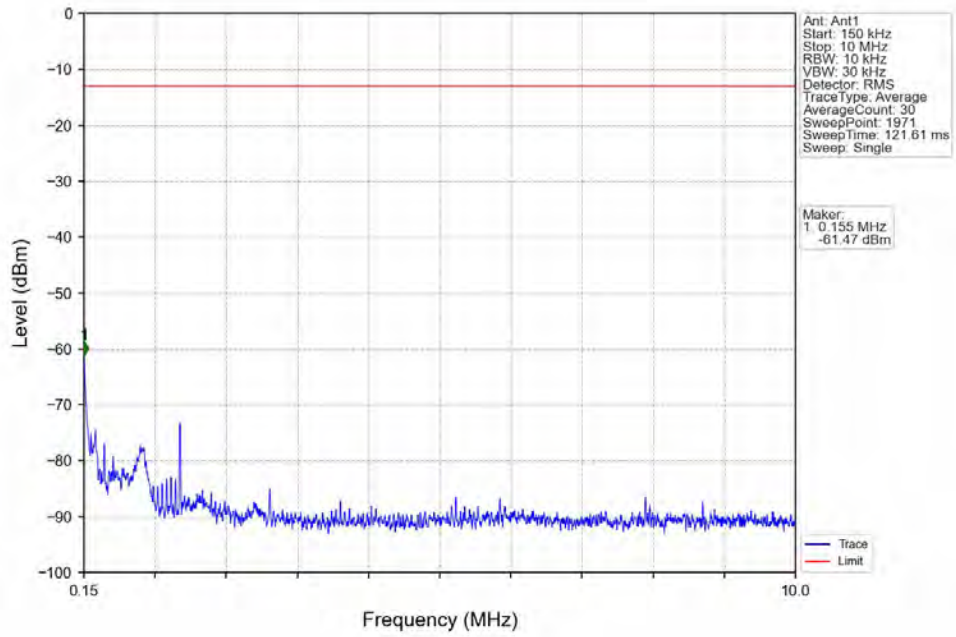
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



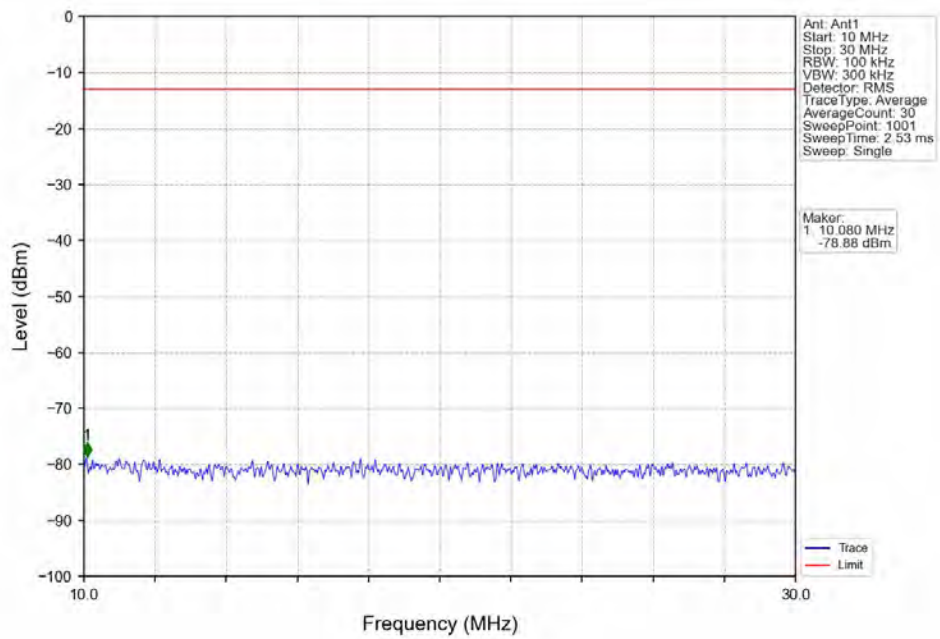
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



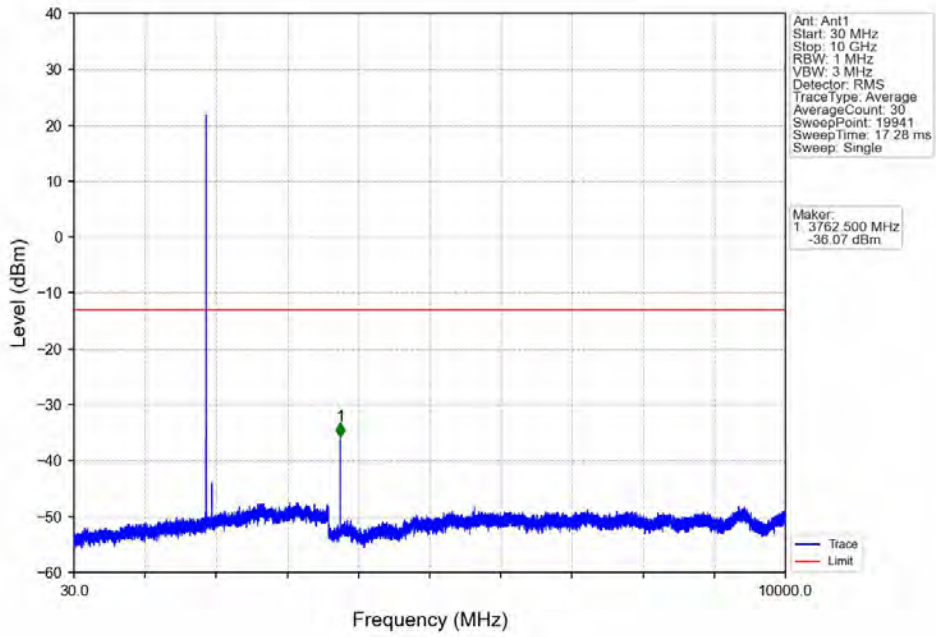
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



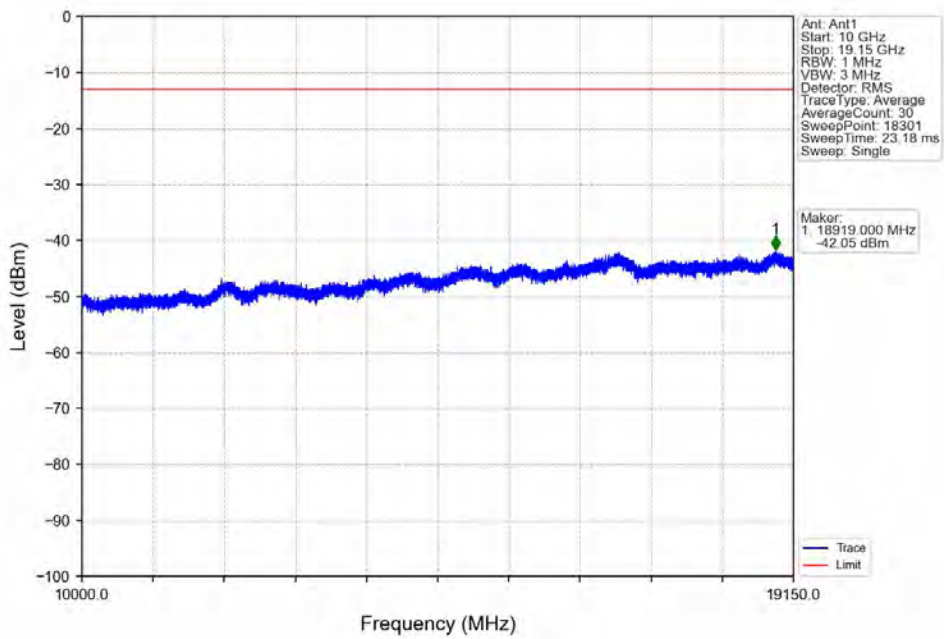
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



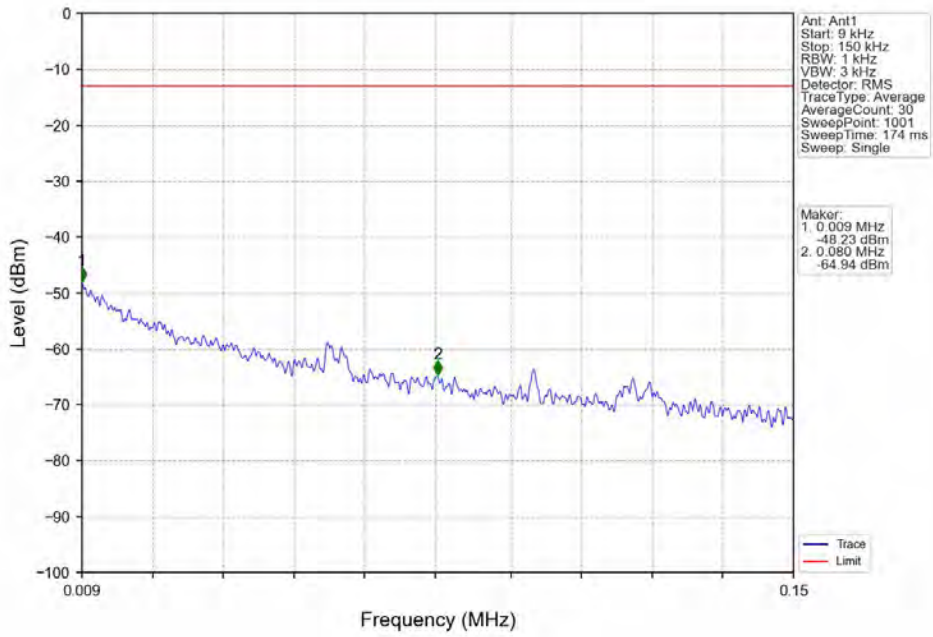
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



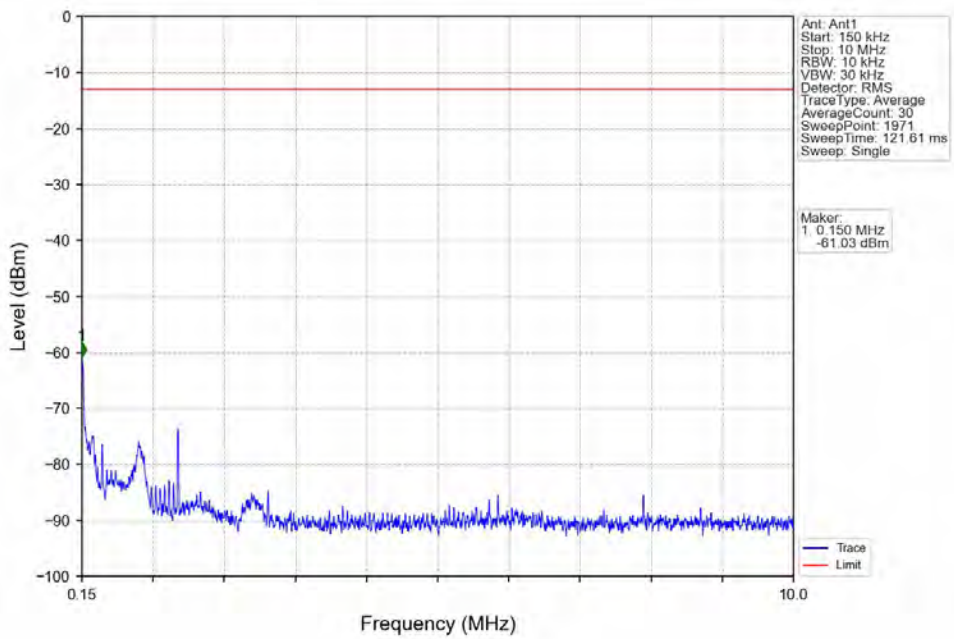
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



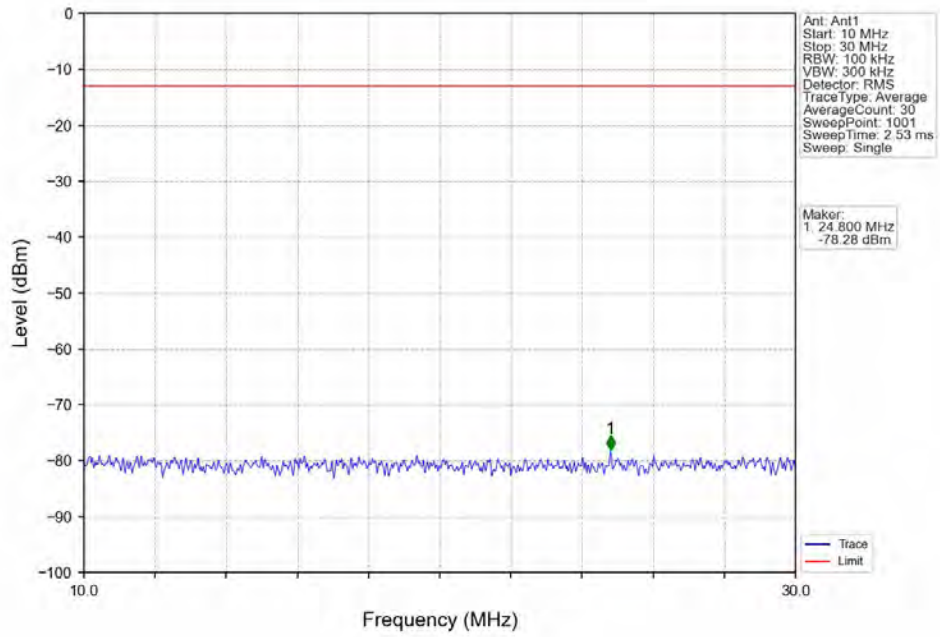
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



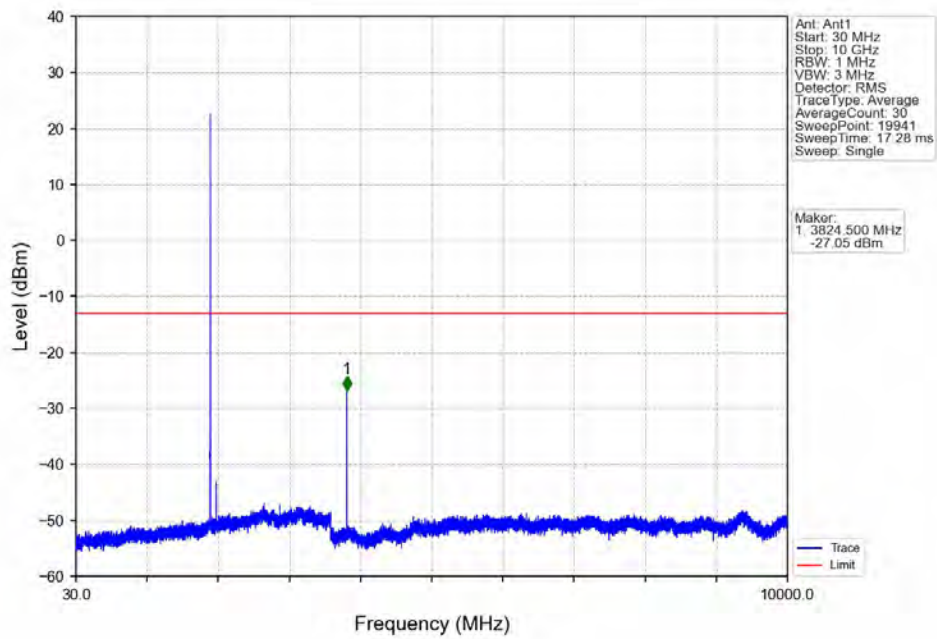
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



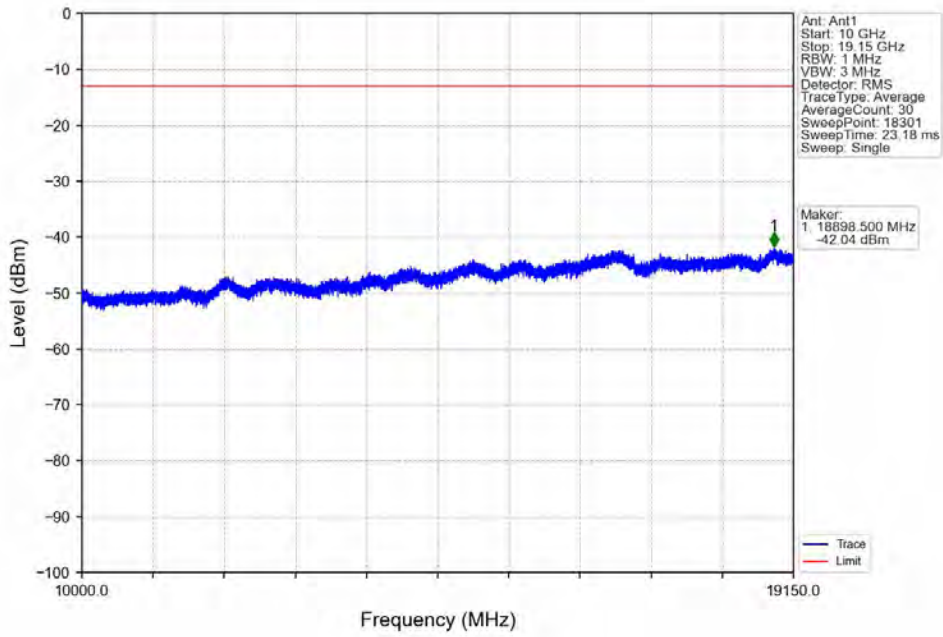
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



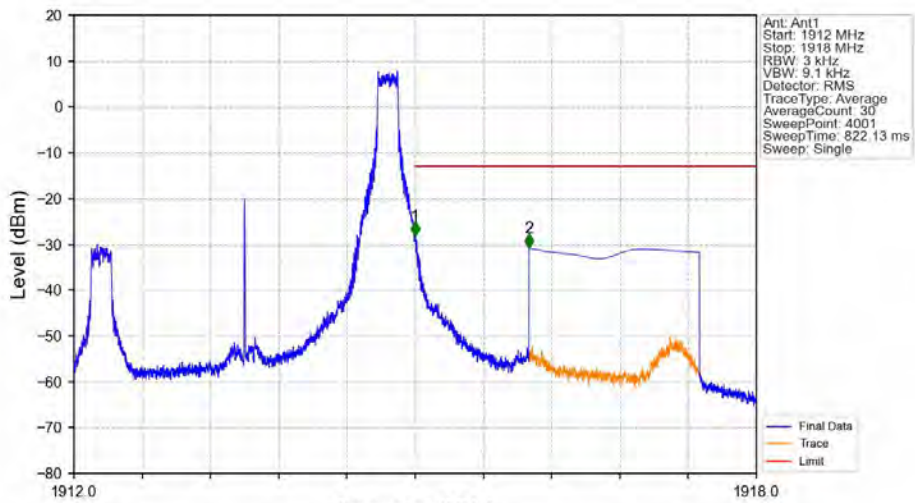
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_1_0_NTNV



Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTNV

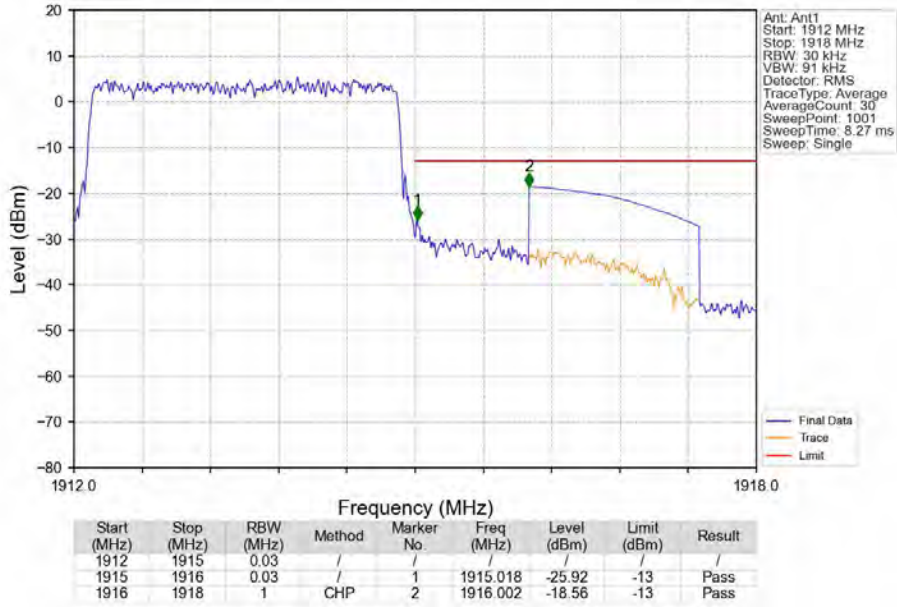


Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTNV

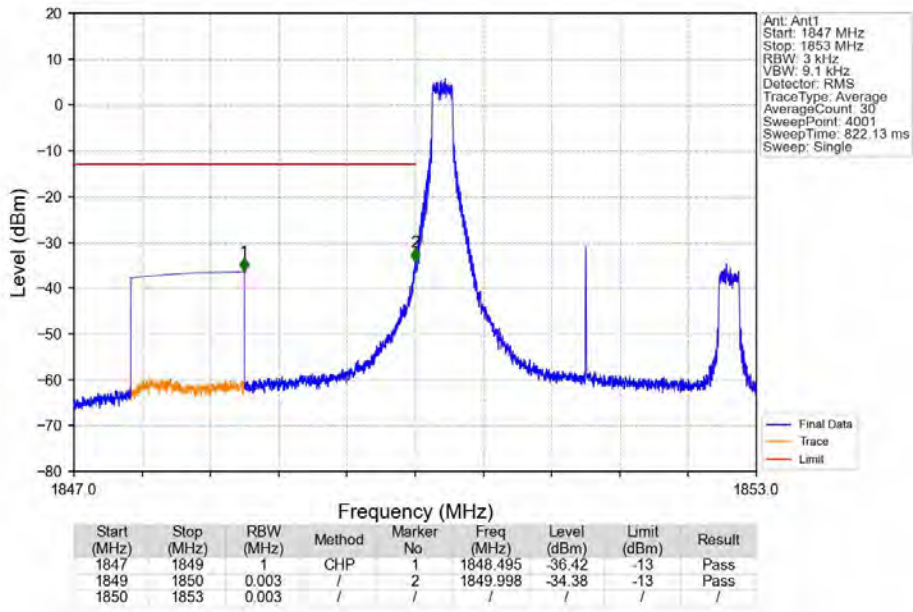


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	1	1915.000	-28.18	-13	Pass
1915	1916	0.003	/	1	1915.000	-28.18	-13	Pass
1916	1918	1	CHP	2	1916.001	-30.87	-13	Pass

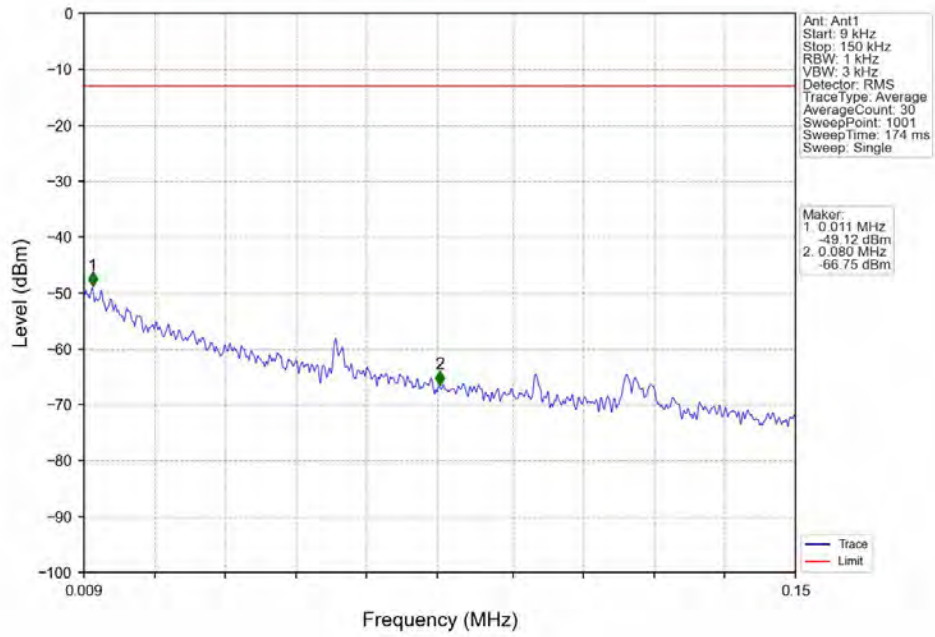
Band25_3MHz_QPSK_HCH_1913.5MHz_RB_15_0_NTNV



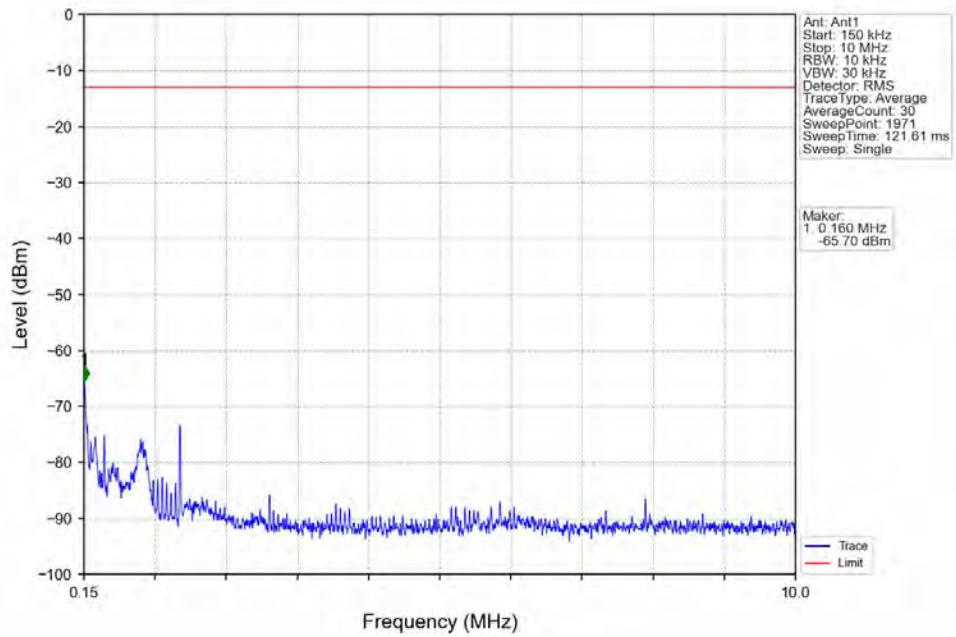
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



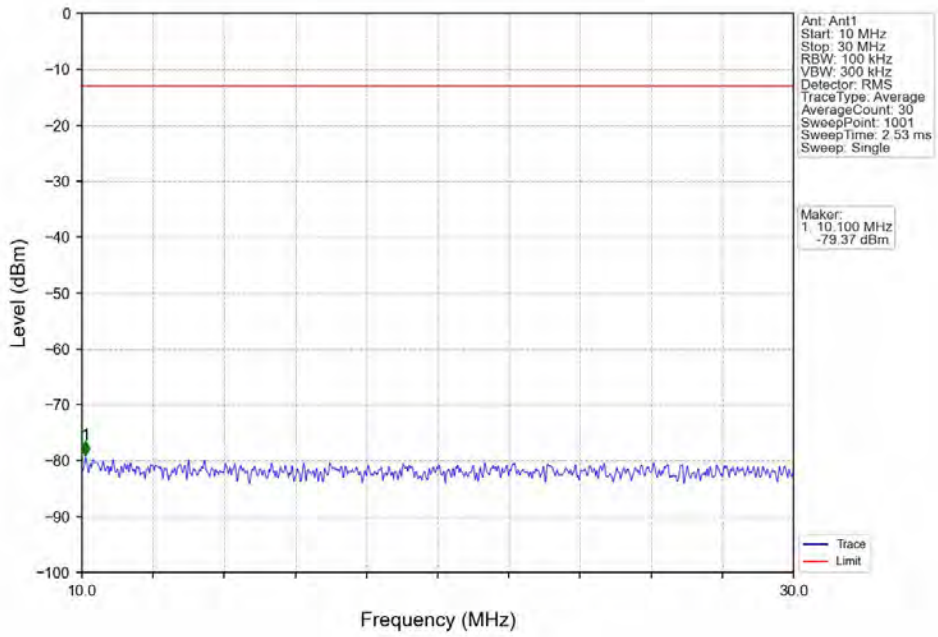
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



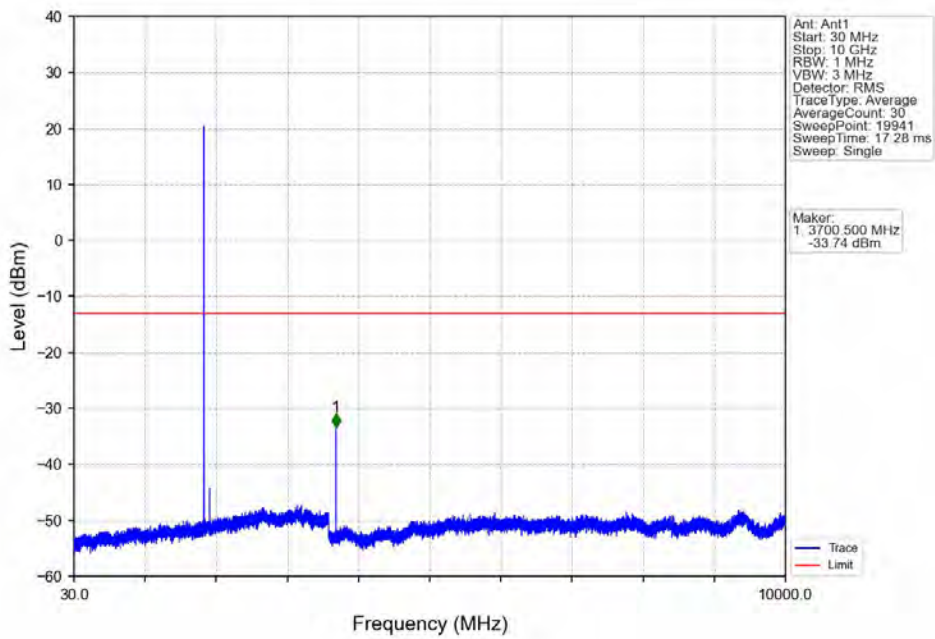
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



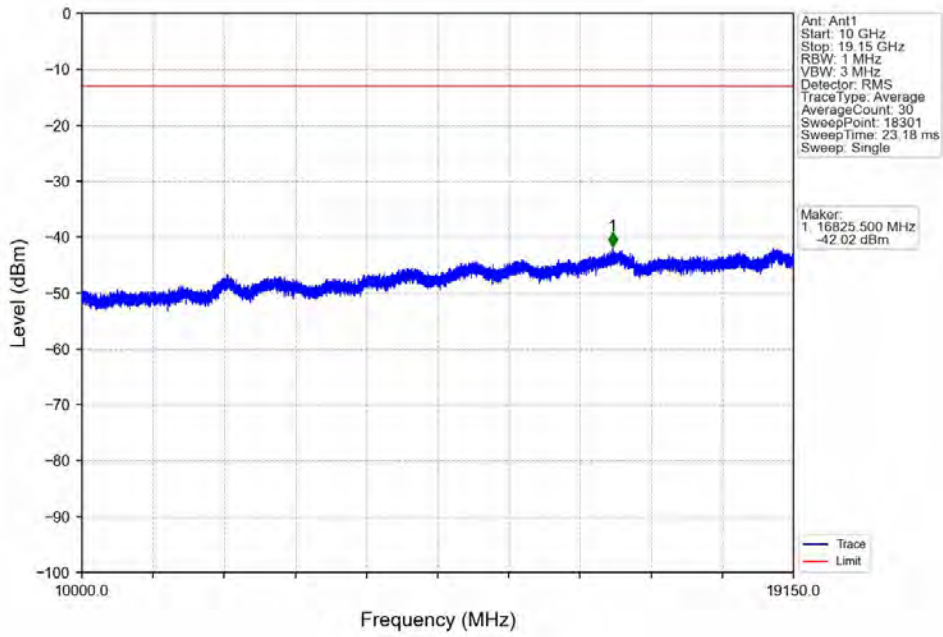
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



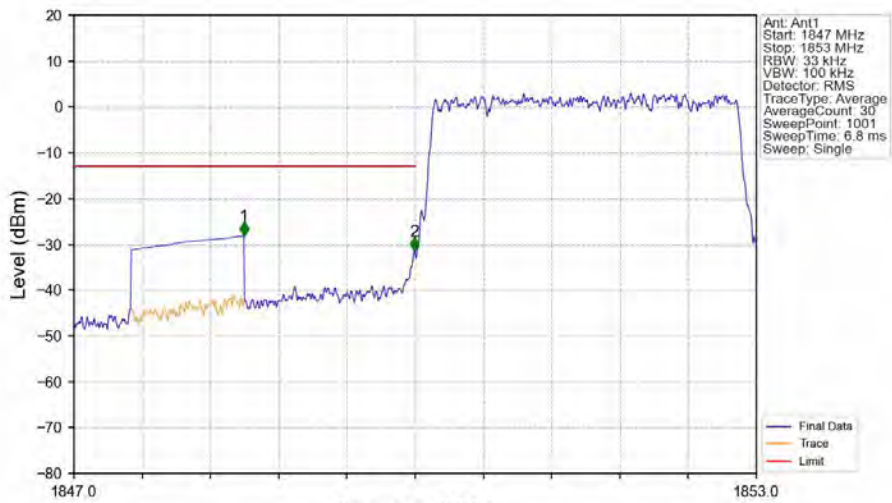
Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band25_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

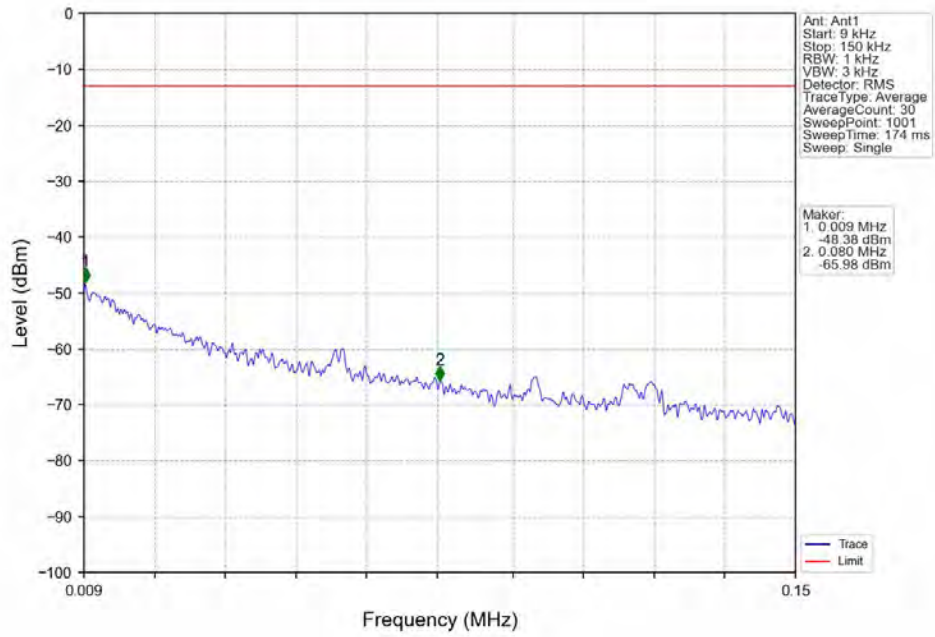


Band25_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

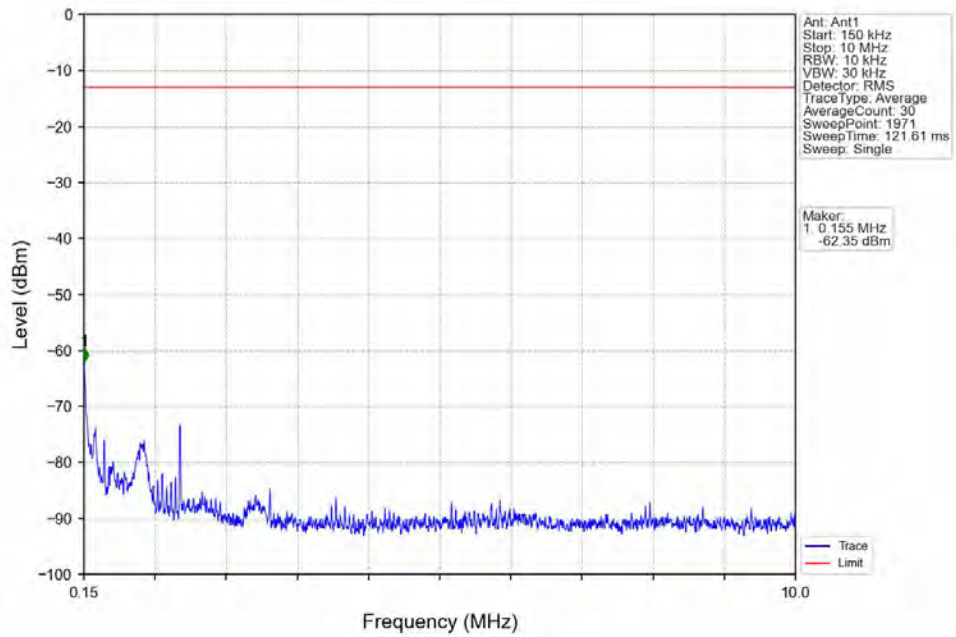


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-28.16	-13	Pass
1849	1850	0.033	/	2	1849.994	-31.47	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

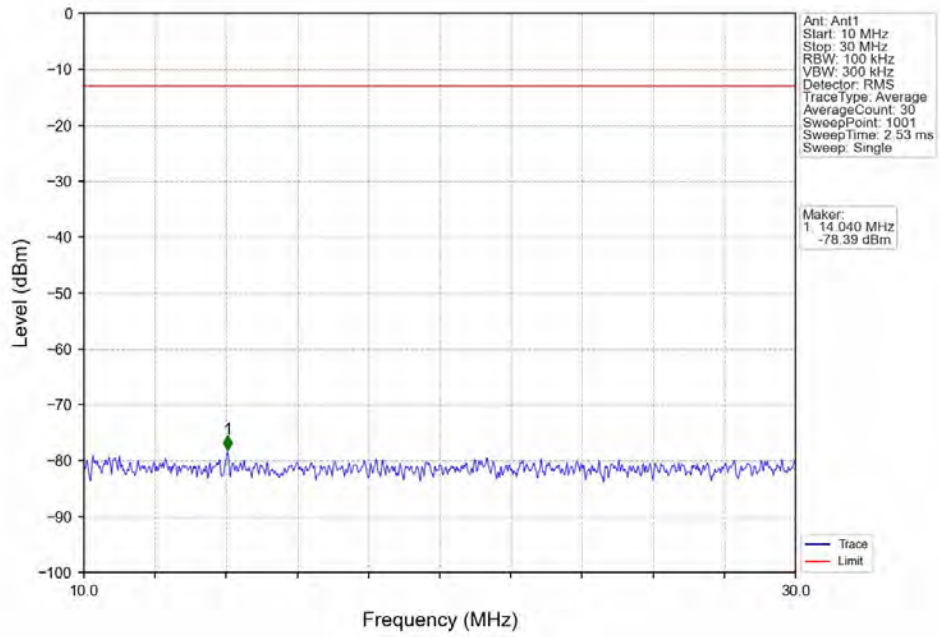
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



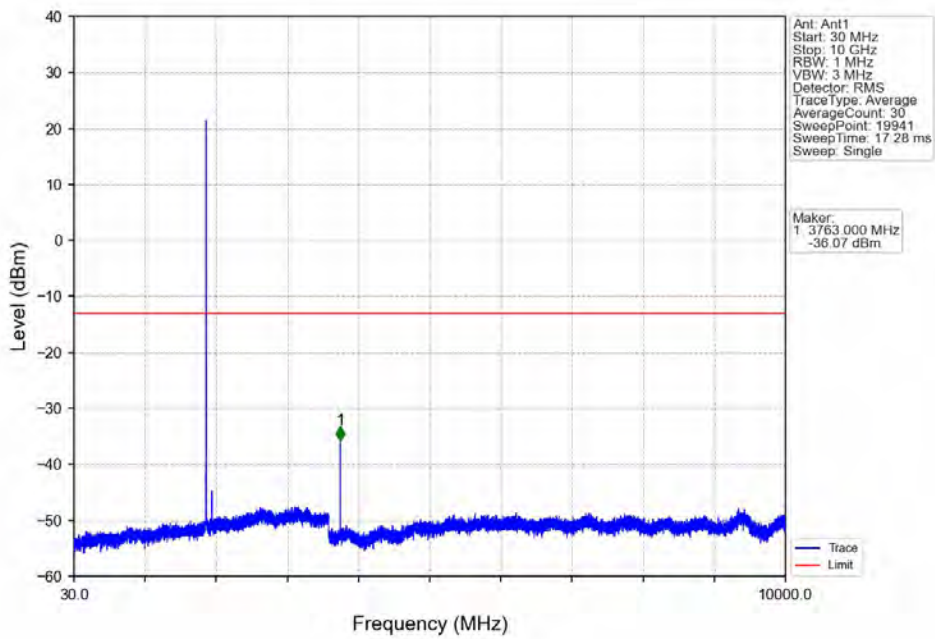
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



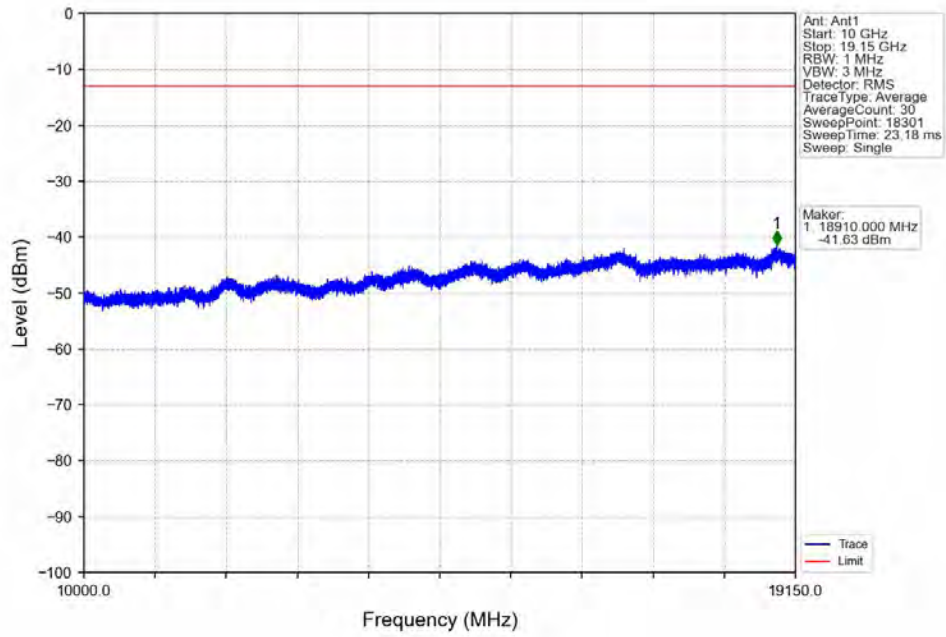
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



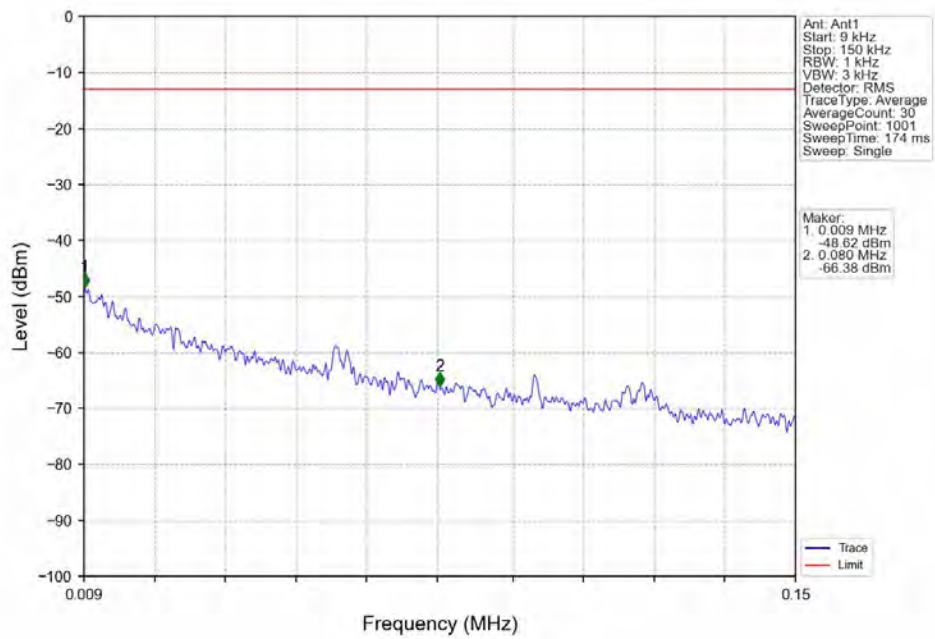
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTNV



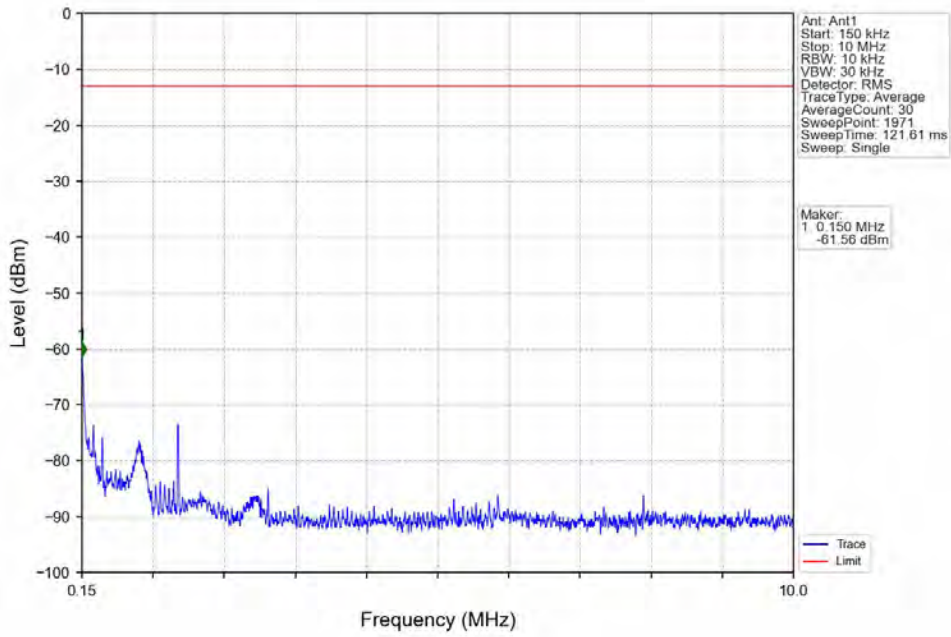
Band25 3MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



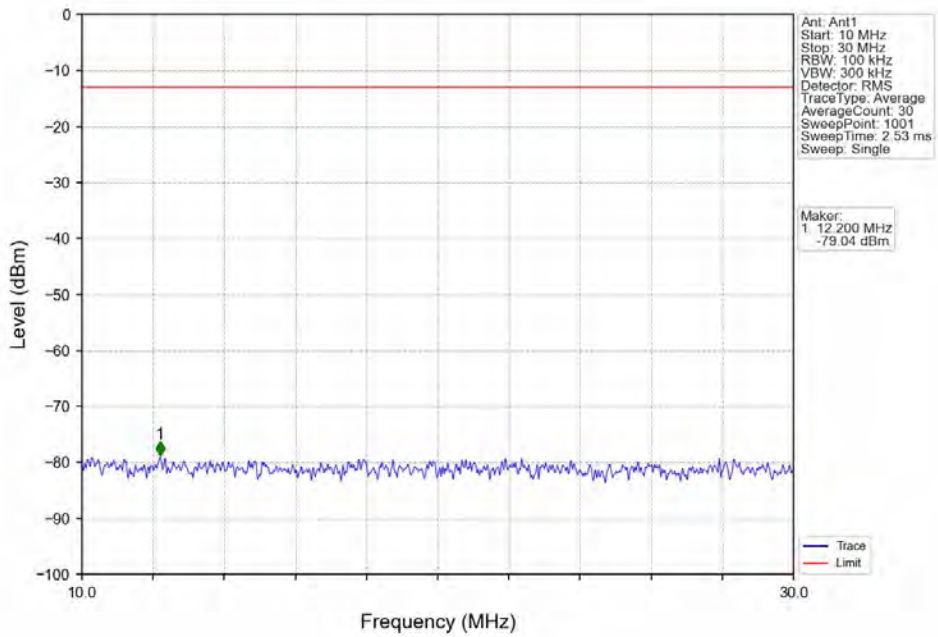
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



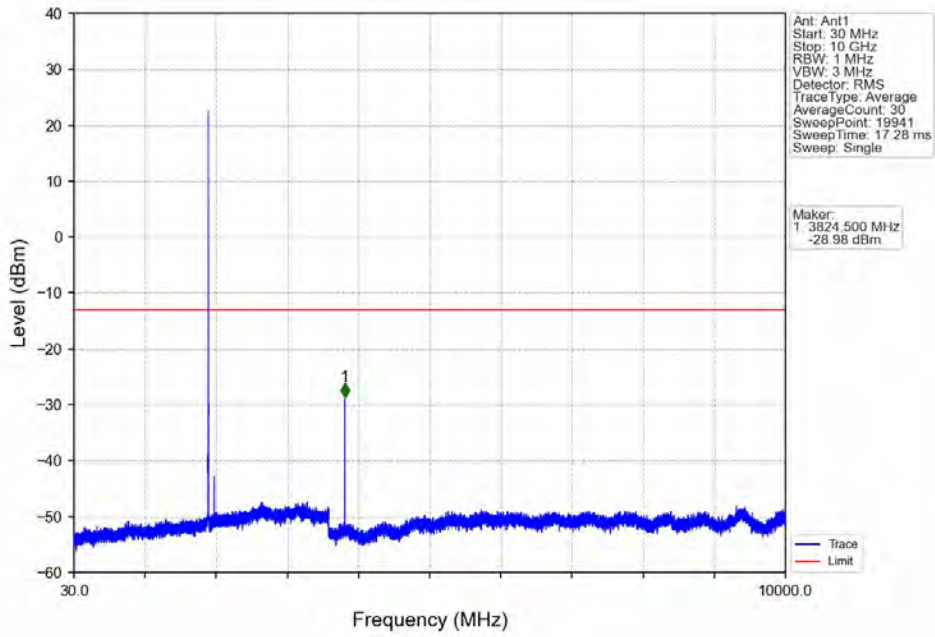
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



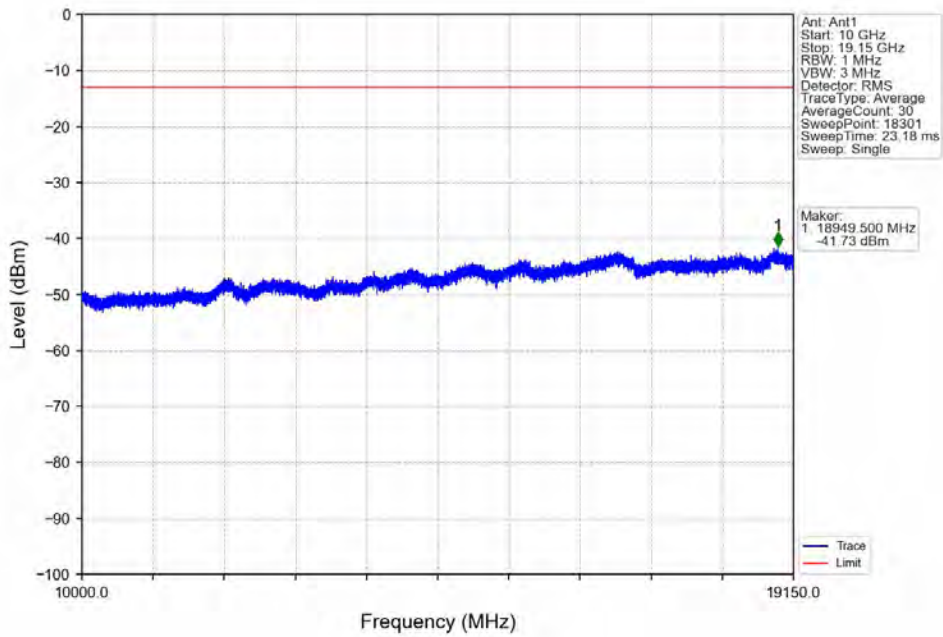
Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_0_NTNV



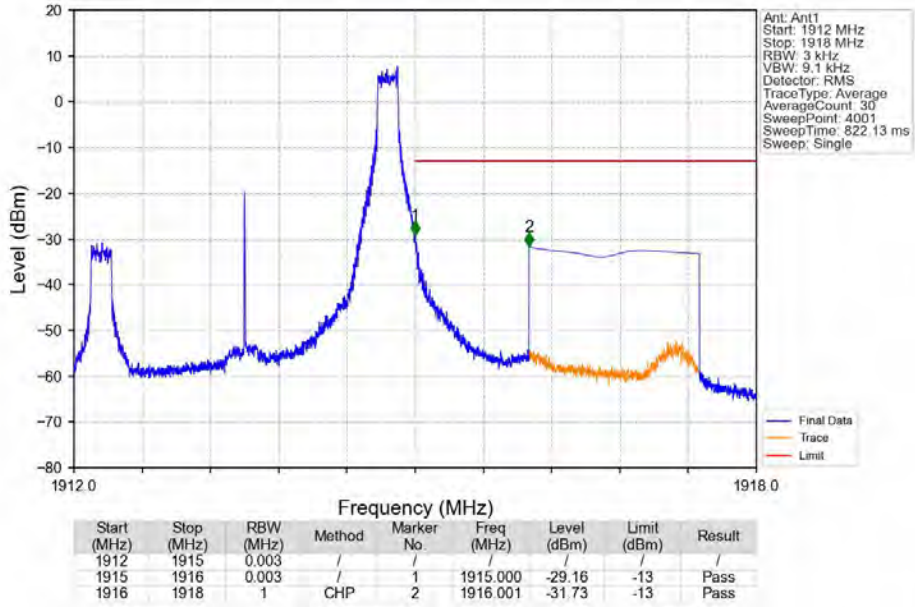
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



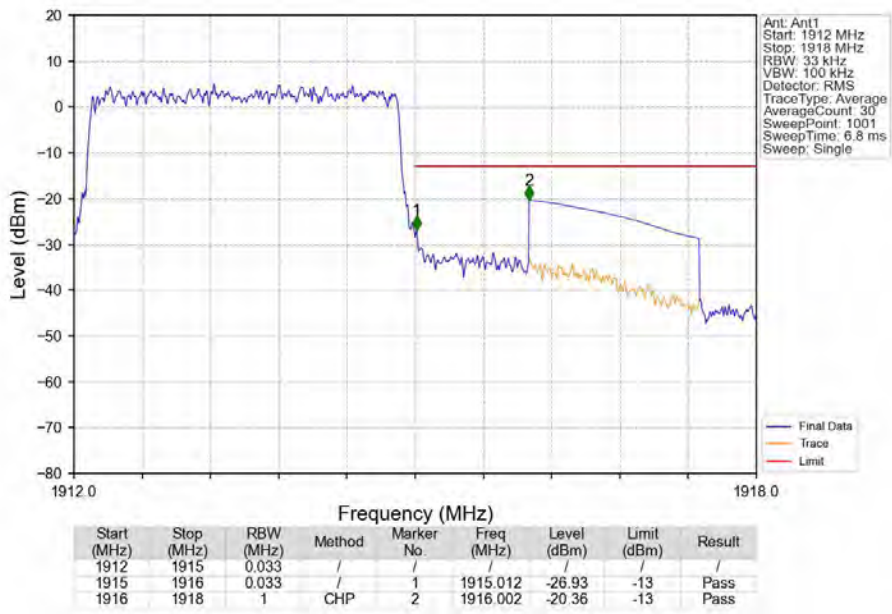
Band25 3MHz 16QAM HCH 1913.5MHz RB 1 0 NTV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_1_14_NTNV



Band25_3MHz_16QAM_HCH_1913.5MHz_RB_15_0_NTNV



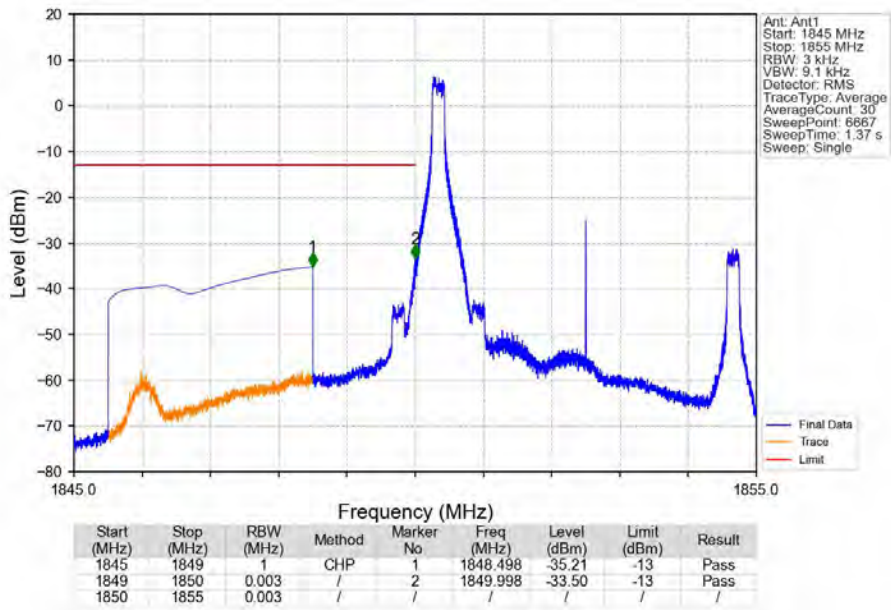
6.3 B25_5MHz

6.3.1 Test Result

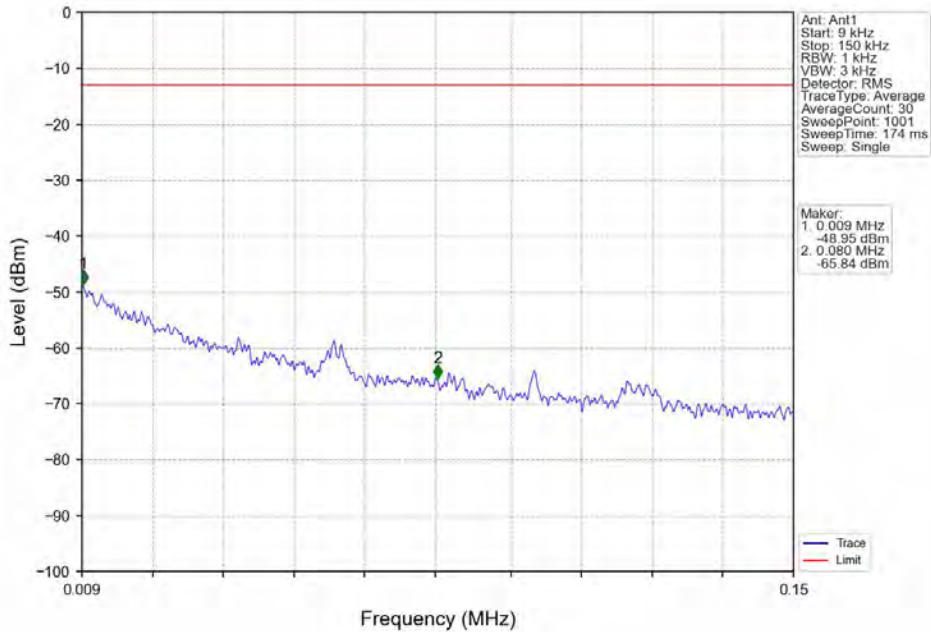
Band: 25 / Bandwidth: 5MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1852.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1912.5	1882.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass	
			24	Refer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

6.3.2 Test Graph

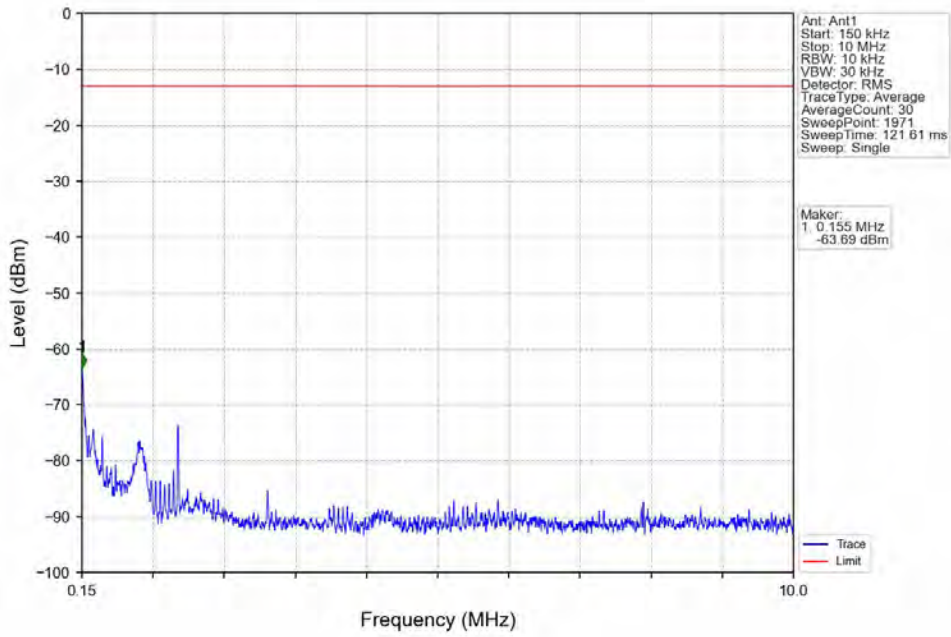
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



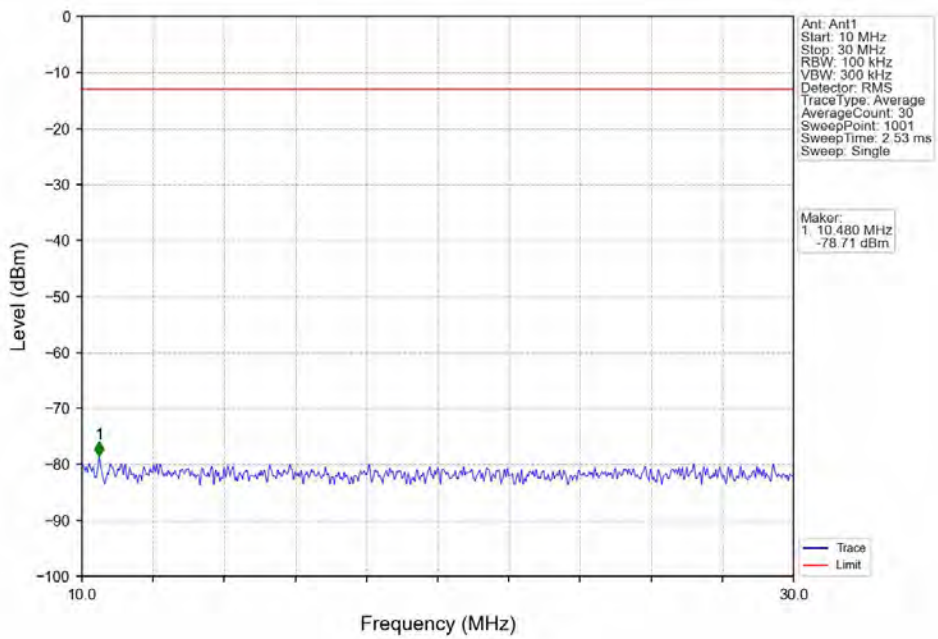
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



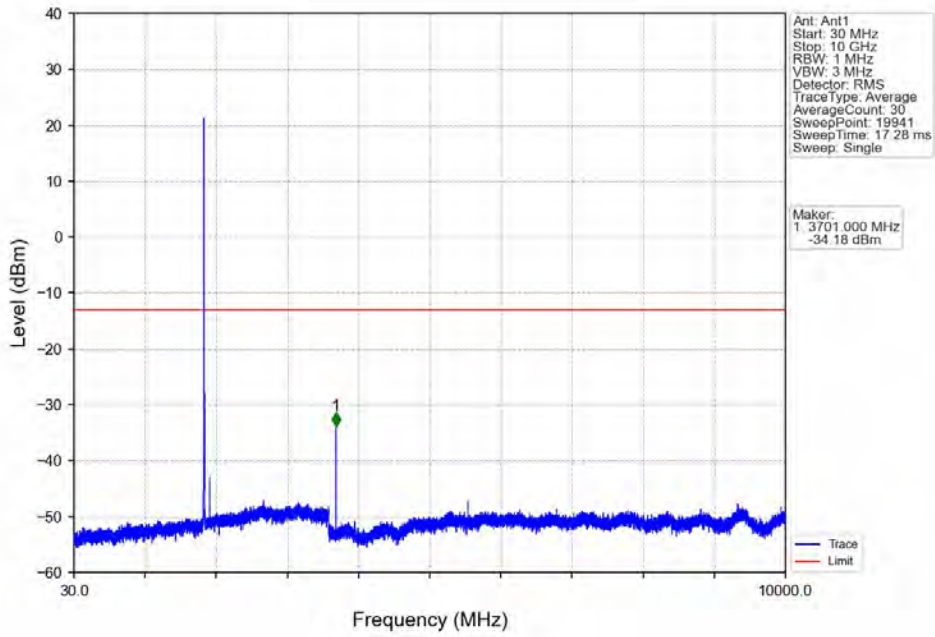
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



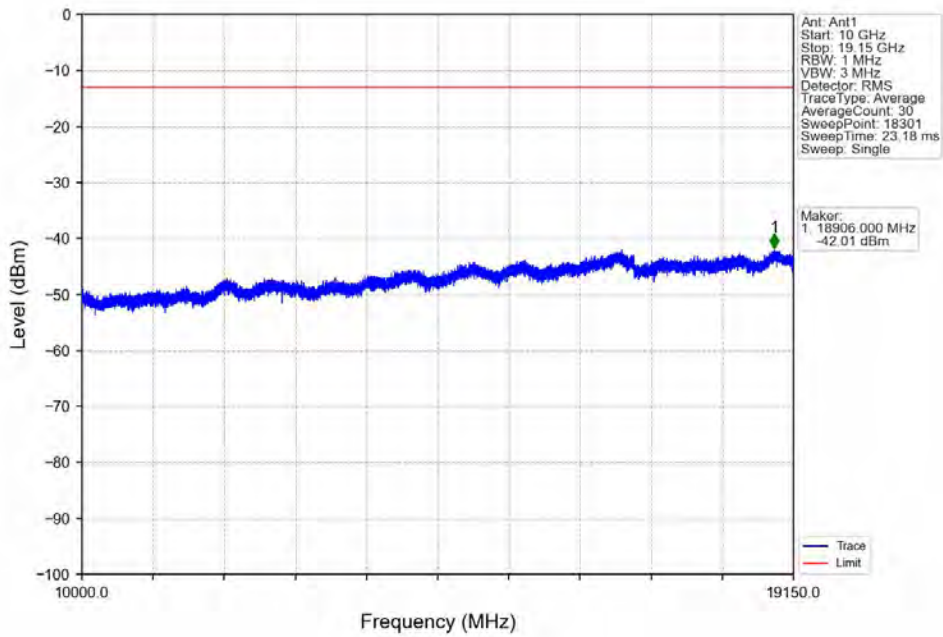
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



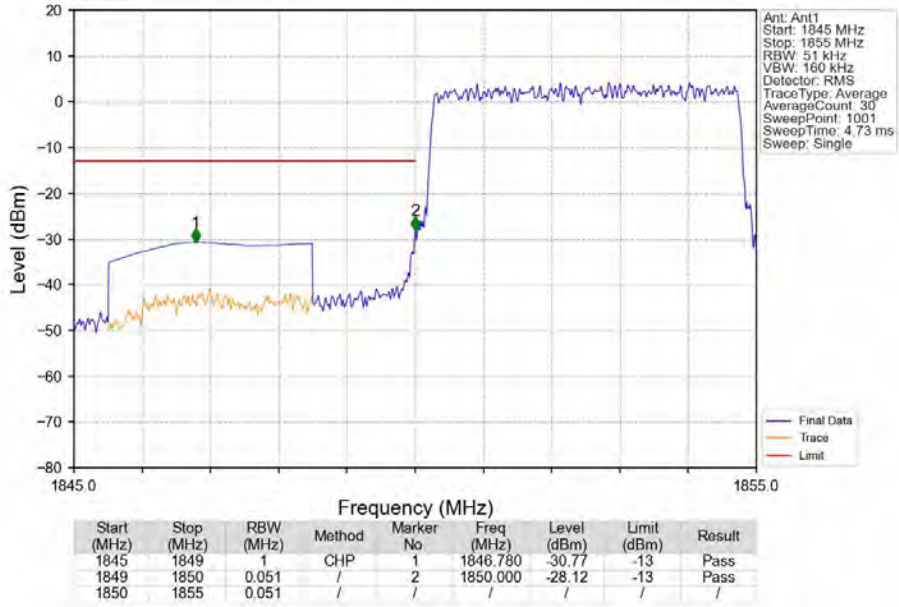
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



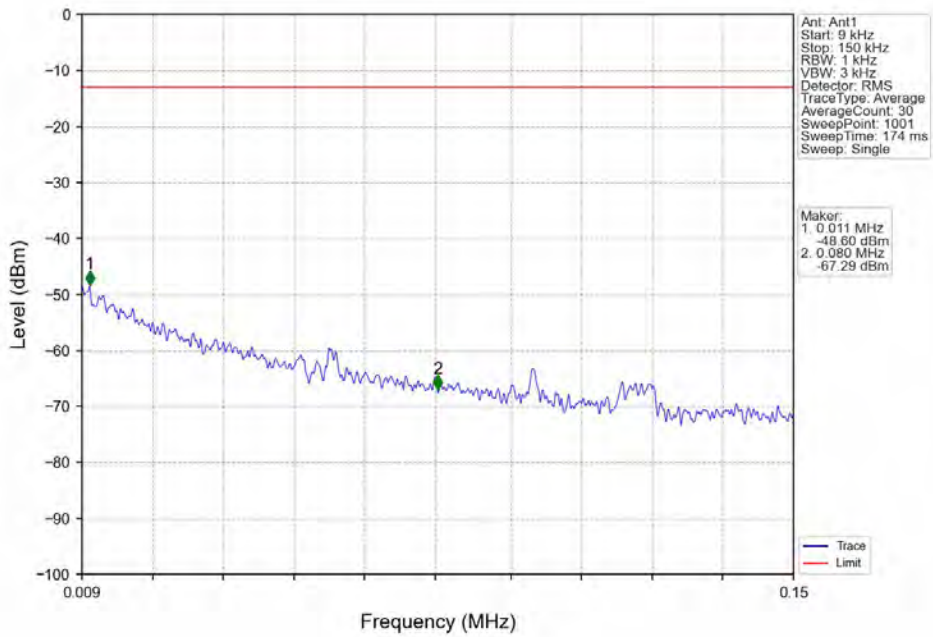
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



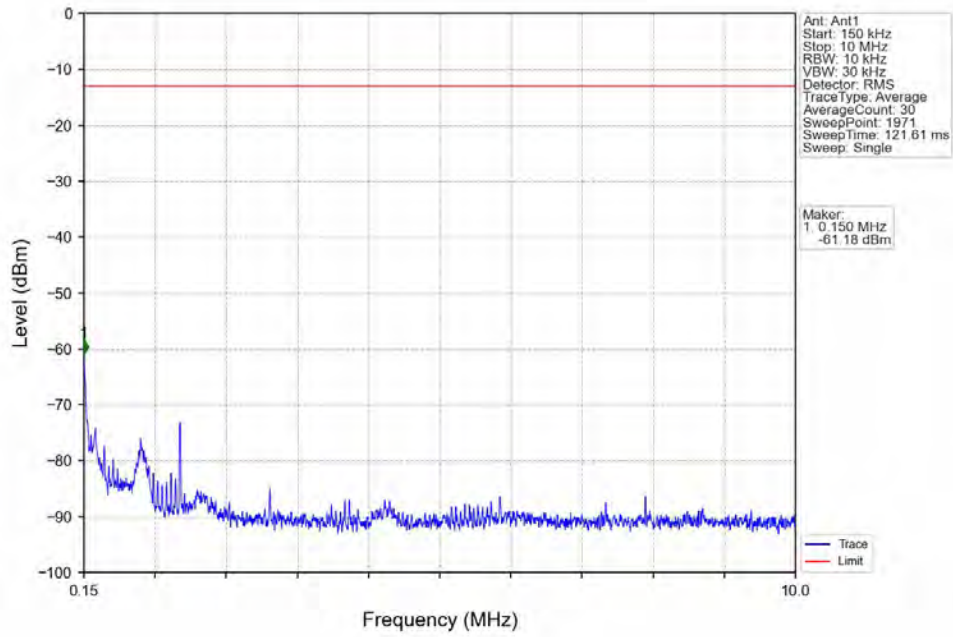
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



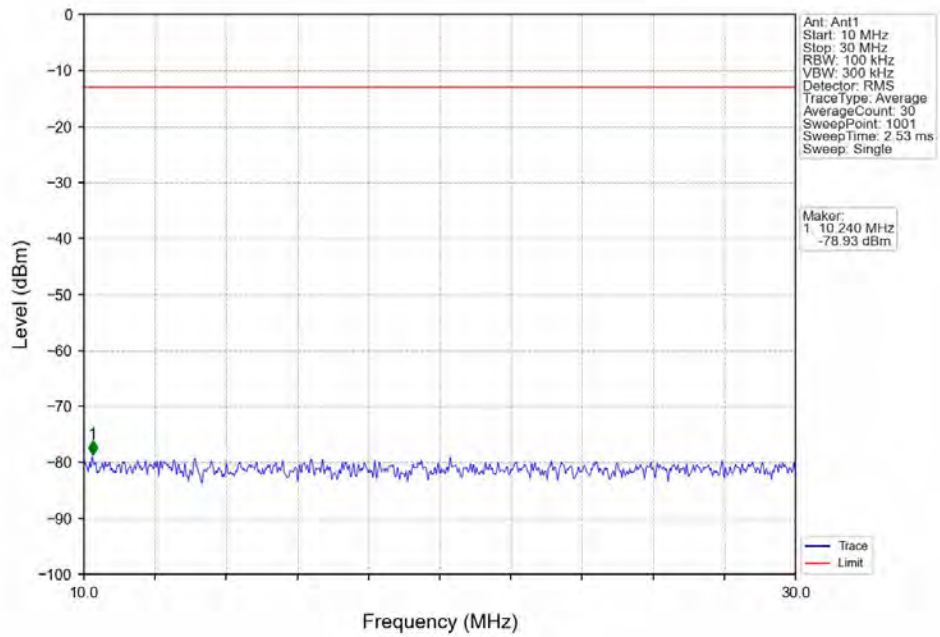
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



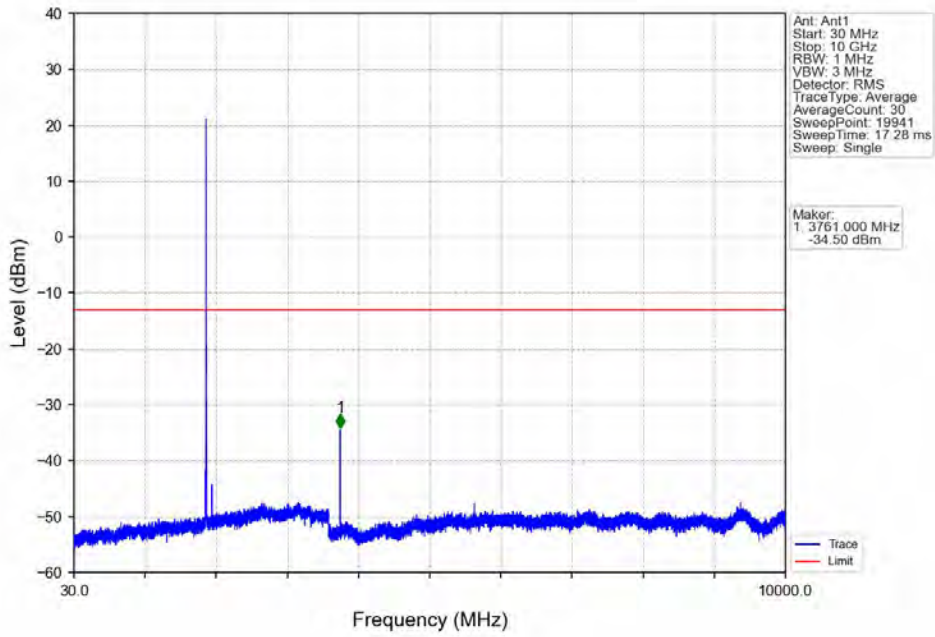
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



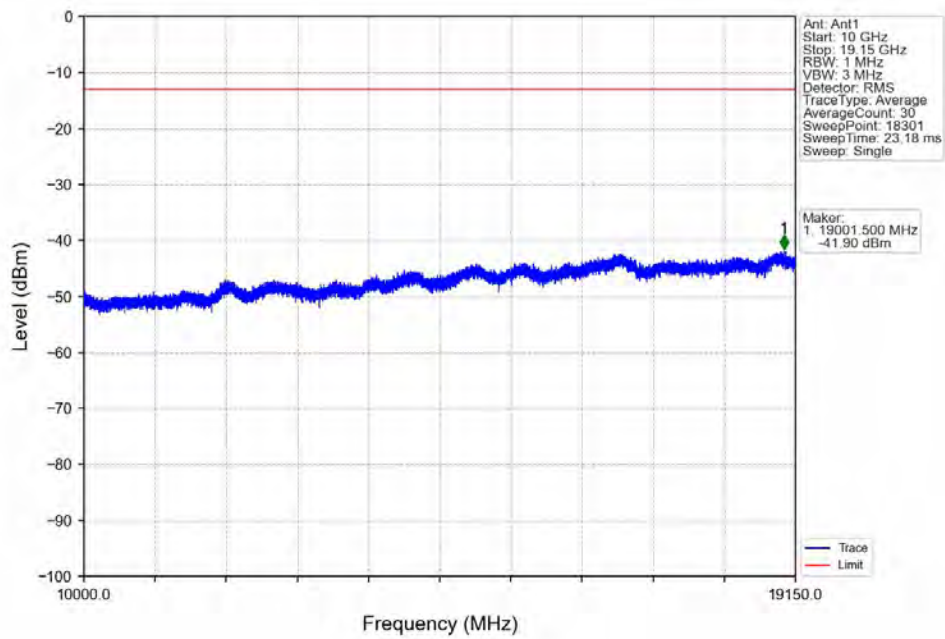
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



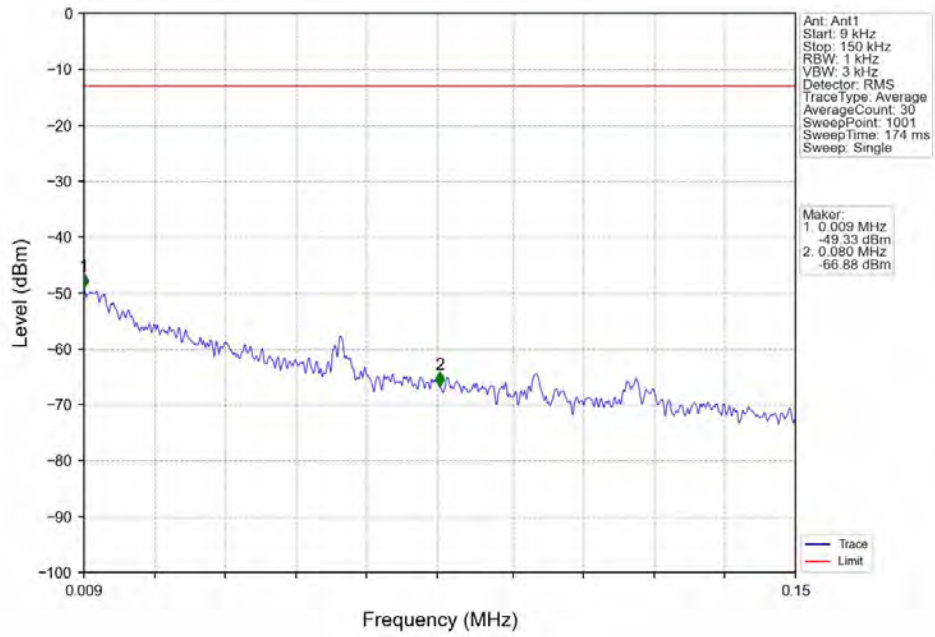
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



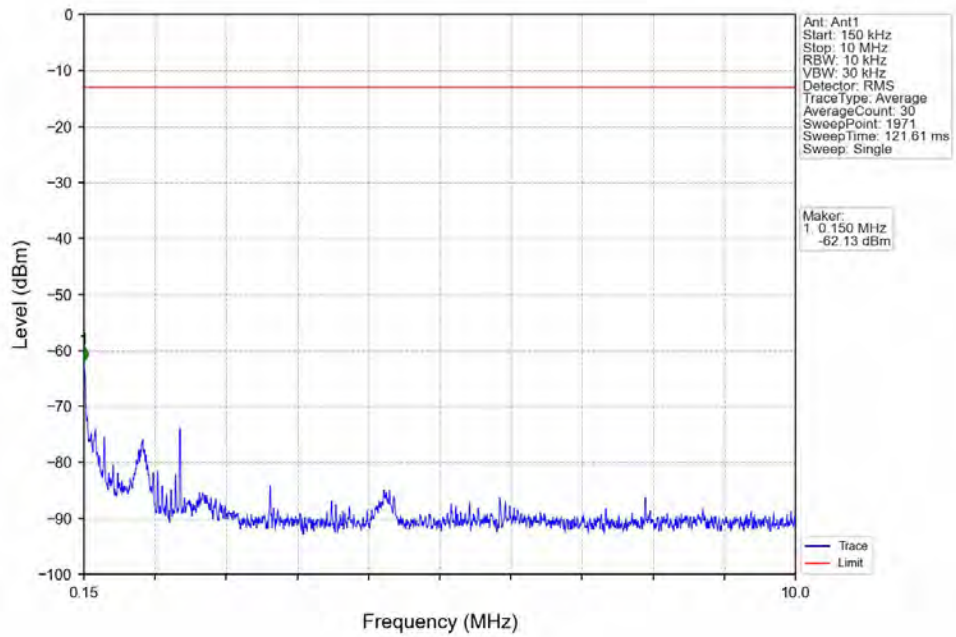
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_1_0_NTNV



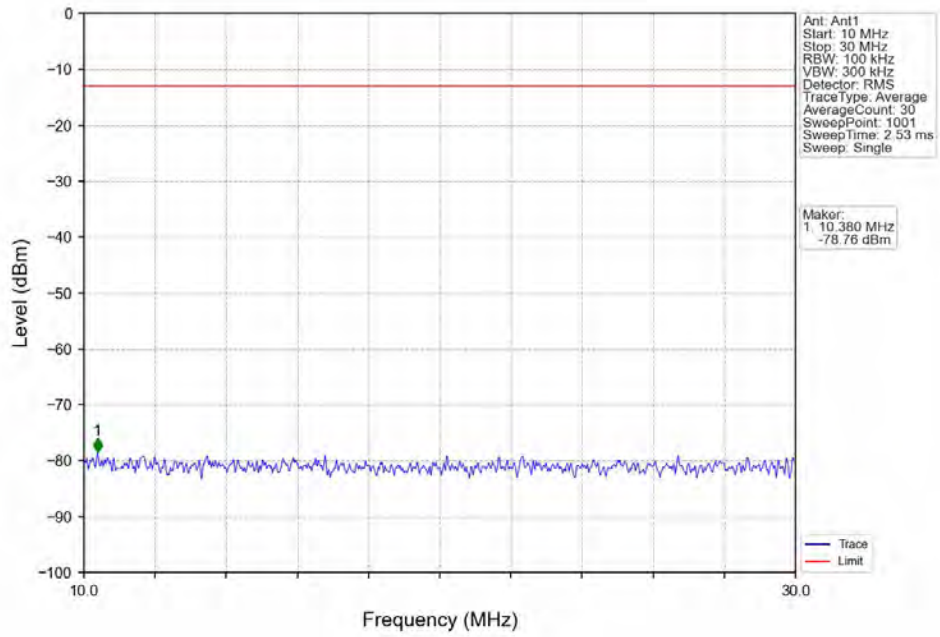
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



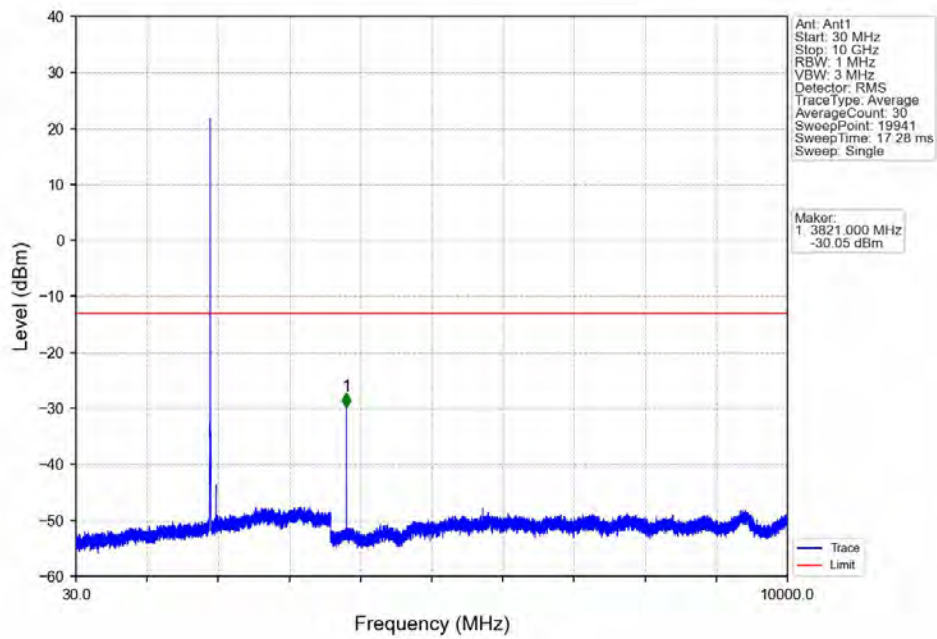
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



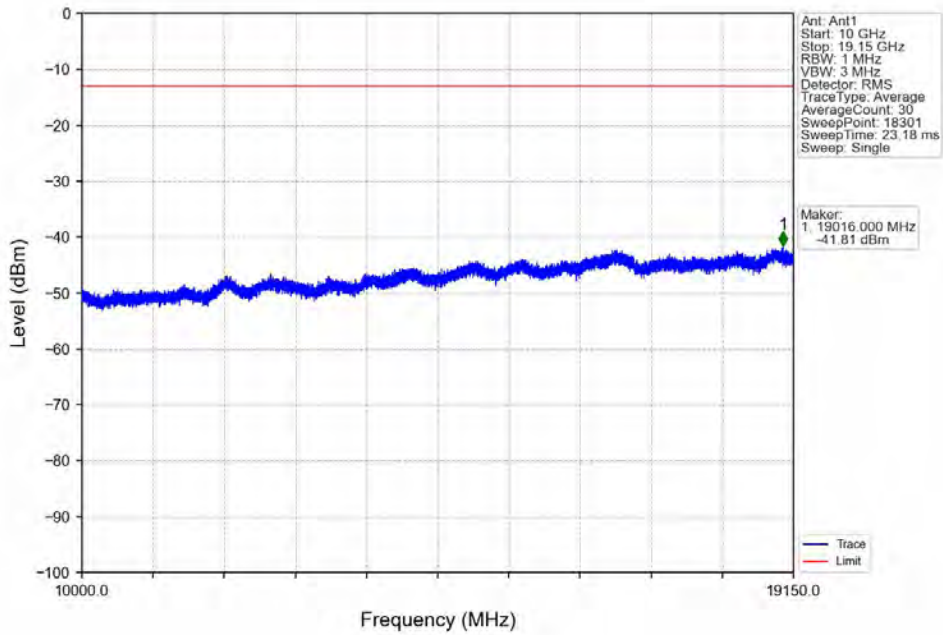
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



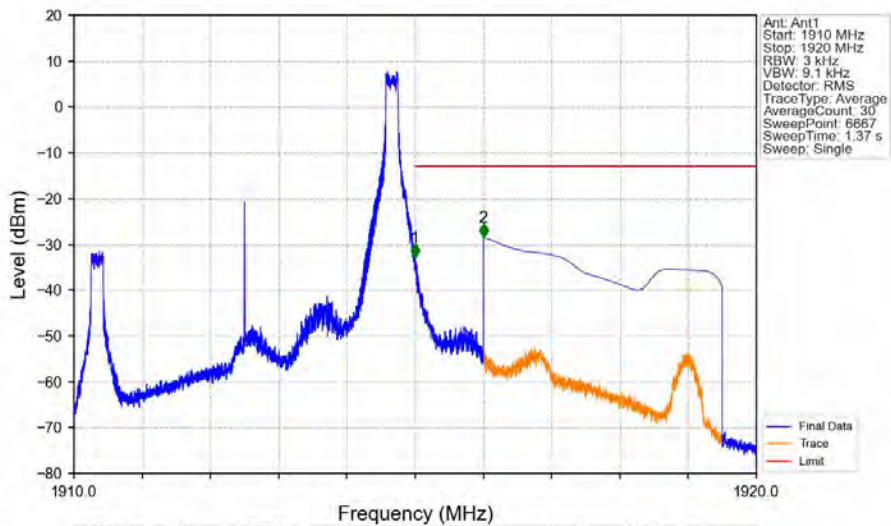
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_1_0_NTNV



Band25 5MHz QPSK HCH 1912.5MHz RB 1 0 NTNV

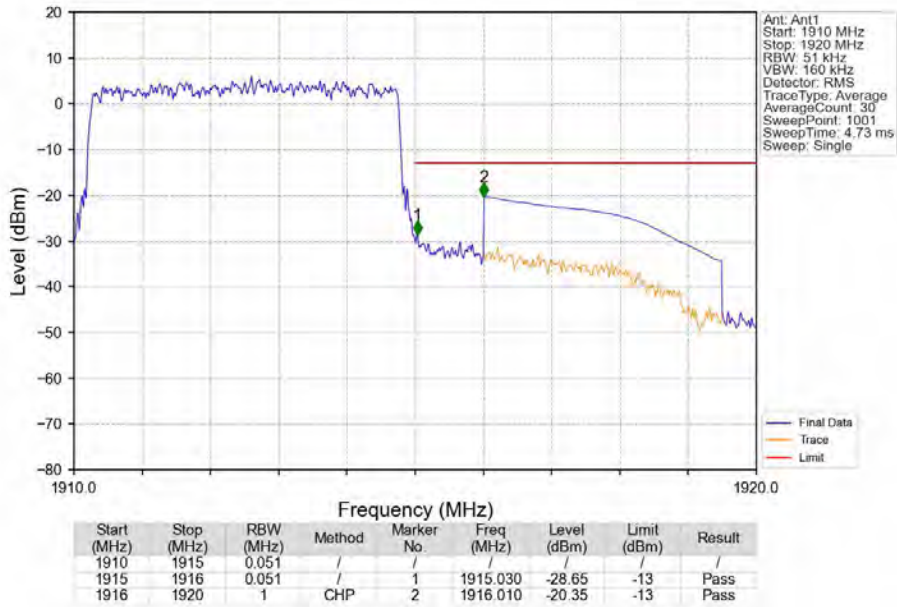


Band25 5MHz QPSK HCH 1912.5MHz RB 1 24 NTNV

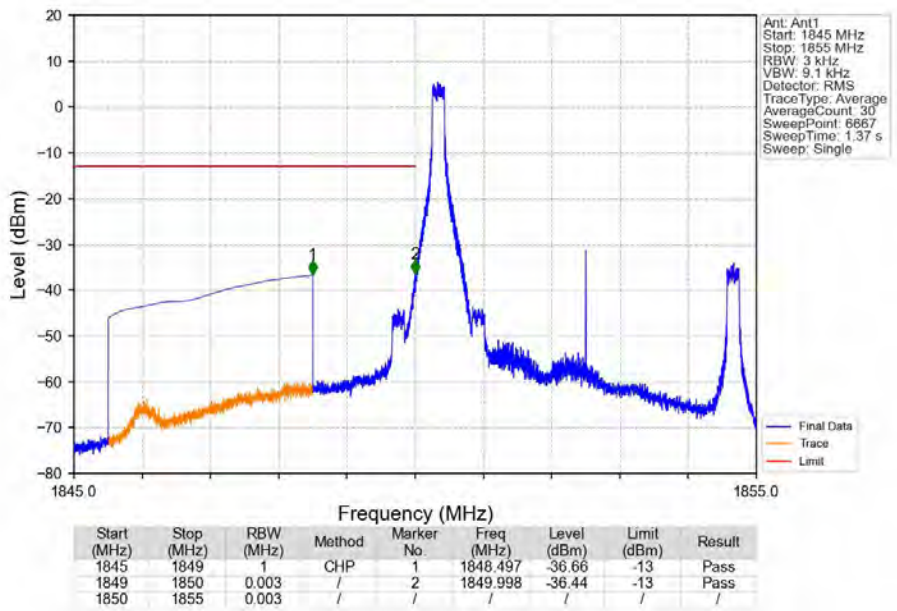


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1910	1915	0.003	/	1	1915.000	-32.95	-13	Pass
1915	1916	0.003	/	1	1915.000	-32.95	-13	Pass
1916	1920	1	CHP	2	1916.001	-28.47	-13	Pass

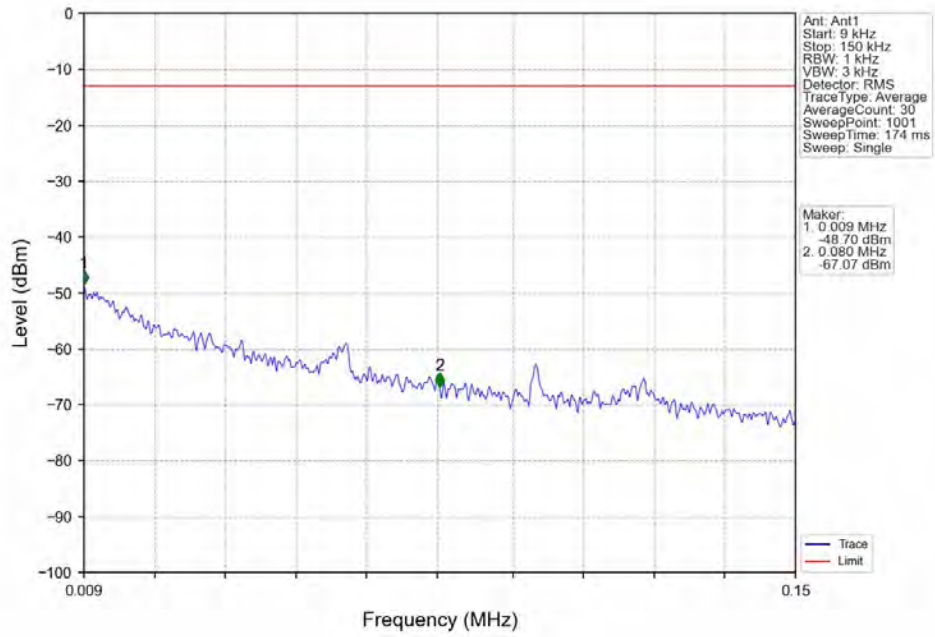
Band25_5MHz_QPSK_HCH_1912.5MHz_RB_25_0_NTNV



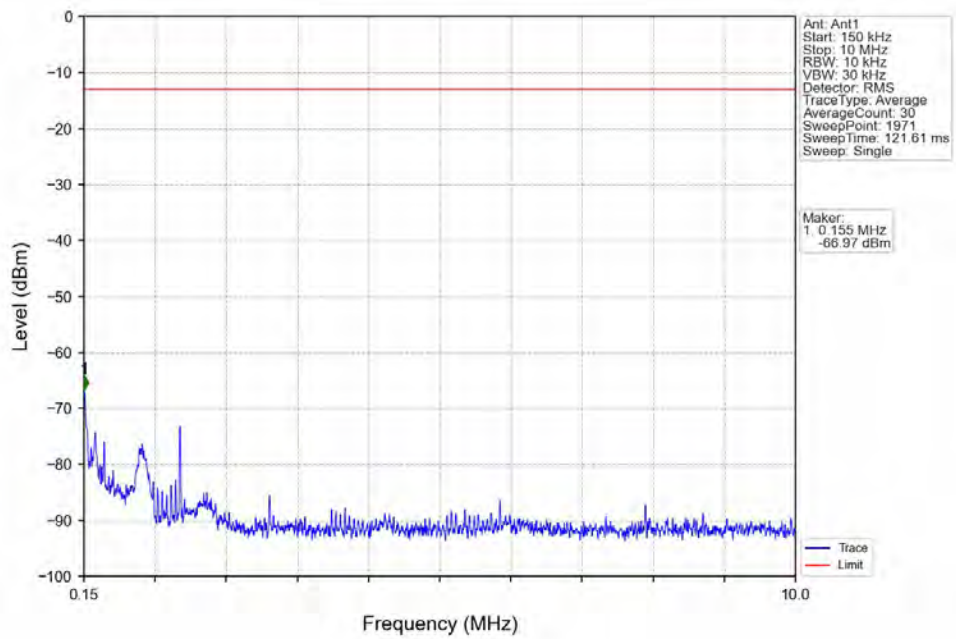
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



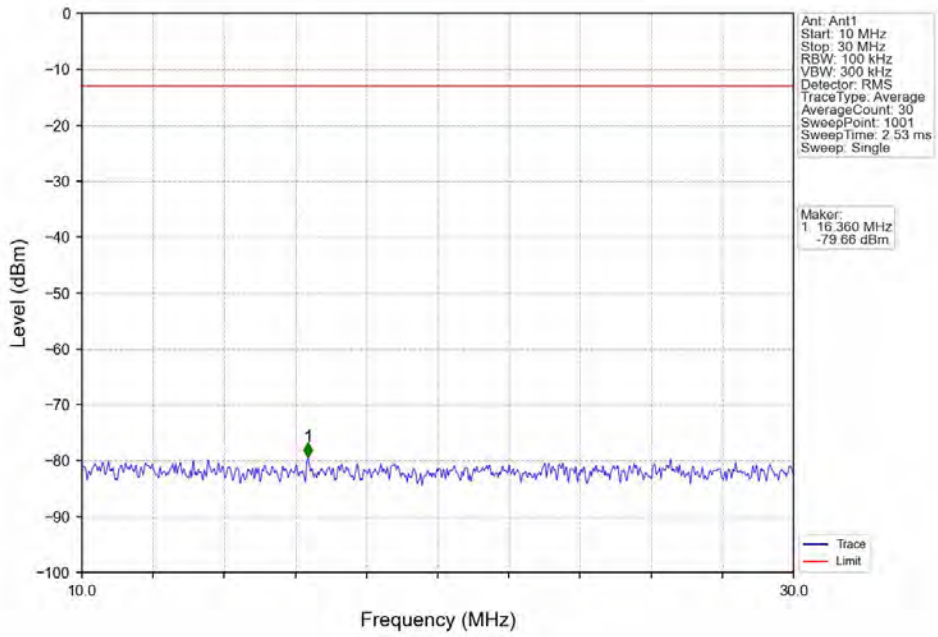
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



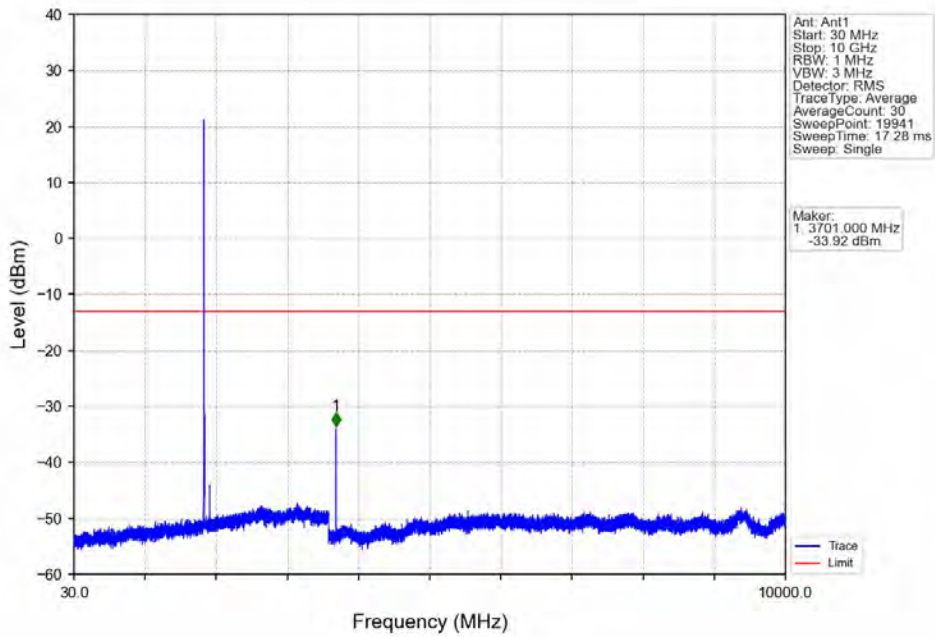
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



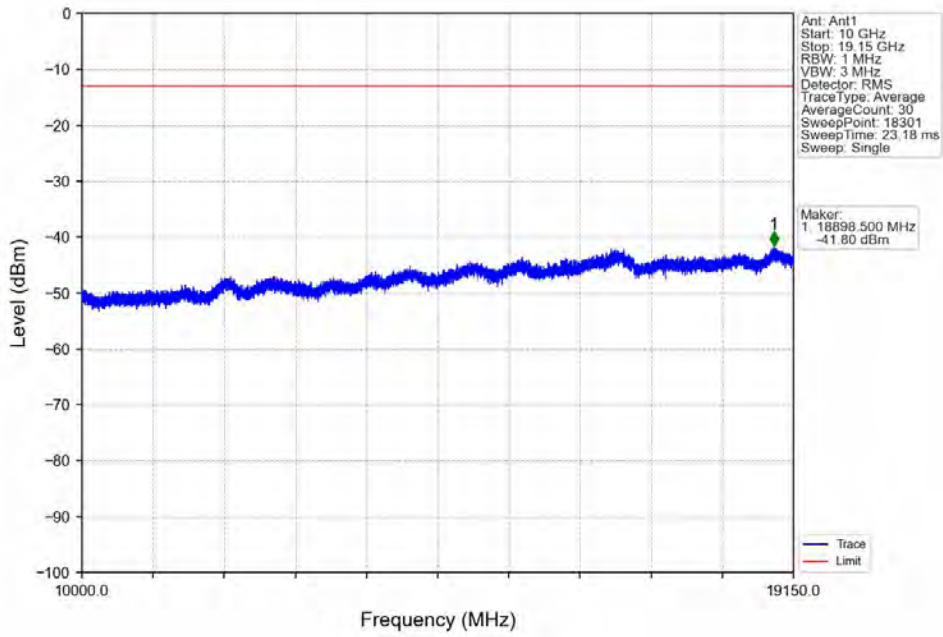
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



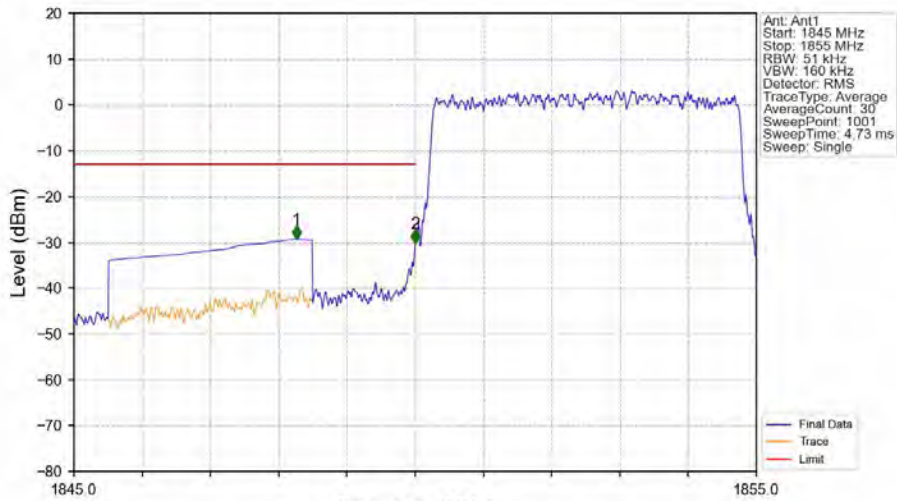
Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Band25_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

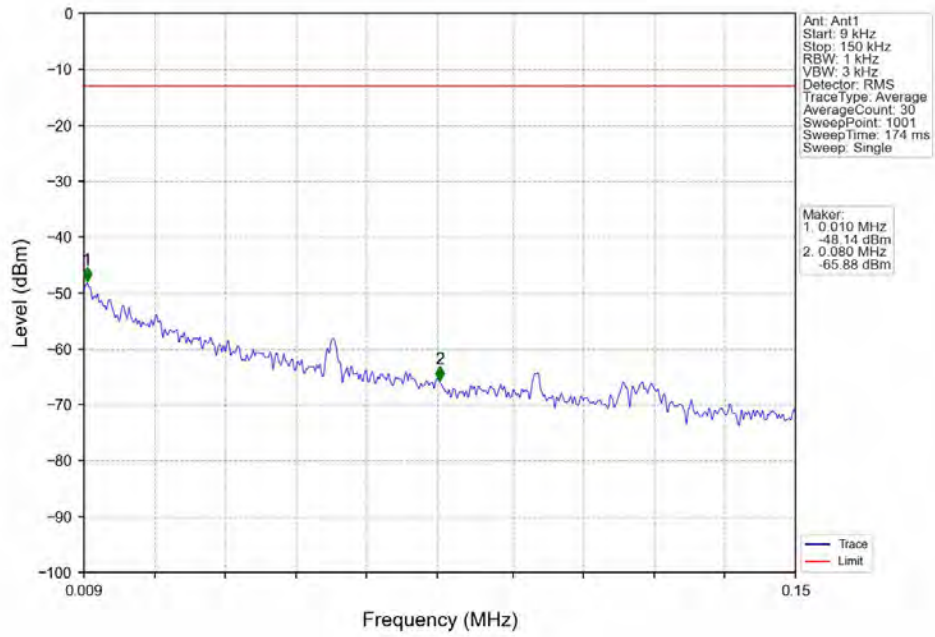


Band25_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

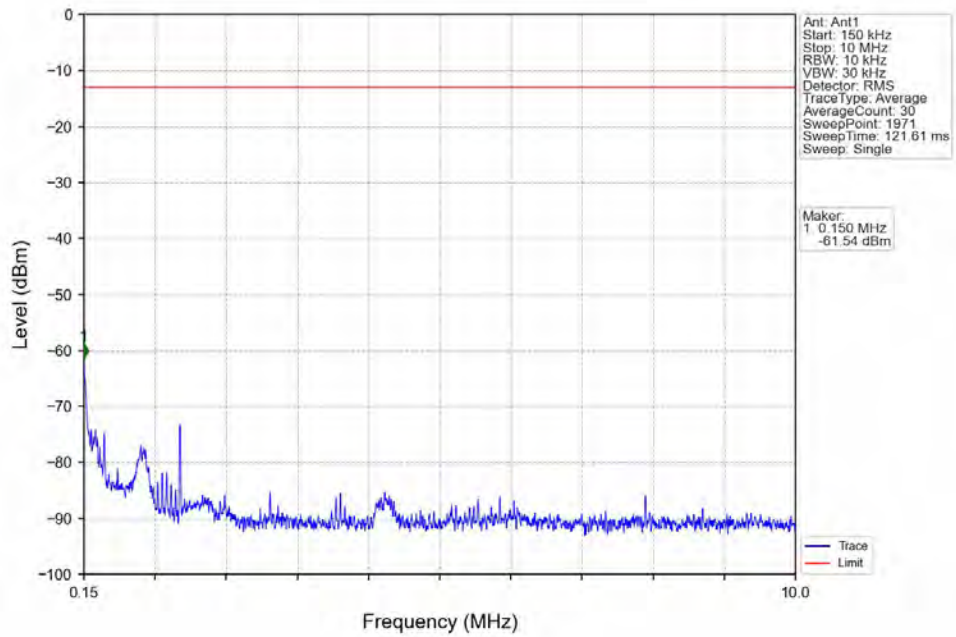


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.260	-29.36	-13	Pass
1849	1850	0.051	/	2	1850.000	-30.31	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

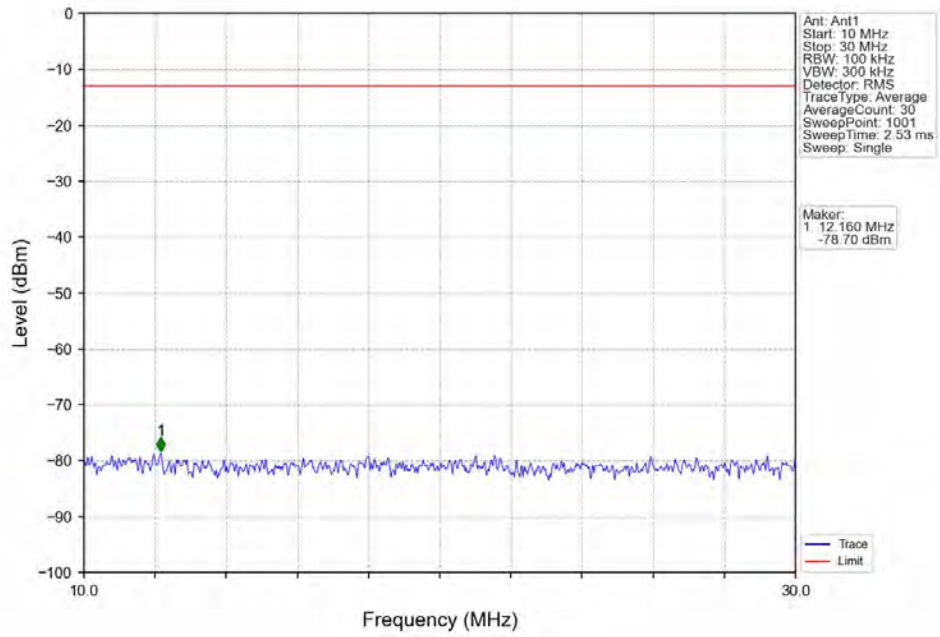
Band25 5MHz 16QAM MCH 1882.5MHz RB 1 0 NTV



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



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



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

