

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	20.74	0.7	21.44	<=33.01	Pass		
			2	20.84	0.7	21.54	<=33.01	Pass		
			5	20.77	0.7	21.47	<=33.01	Pass		
		3	0	20.83	0.7	21.53	<=33.01	Pass		
			2	20.88	0.7	21.58	<=33.01	Pass		
			3	20.84	0.7	21.54	<=33.01	Pass		
		6	0	19.82	0.7	20.52	<=33.01	Pass		
		1880	1	0	20.62	0.7	21.32	<=33.01	Pass	
				2	20.7	0.7	21.4	<=33.01	Pass	
	5			20.61	0.7	21.31	<=33.01	Pass		
	3		0	20.71	0.7	21.41	<=33.01	Pass		
			2	20.74	0.7	21.44	<=33.01	Pass		
			3	20.73	0.7	21.43	<=33.01	Pass		
	6		0	19.7	0.7	20.4	<=33.01	Pass		
	1909.3		1	0	20.91	0.7	21.61	<=33.01	Pass	
				2	21.07	0.7	21.77	<=33.01	Pass	
		5		20.95	0.7	21.65	<=33.01	Pass		
		3	0	21	0.7	21.7	<=33.01	Pass		
			2	21	0.7	21.7	<=33.01	Pass		
			3	21.02	0.7	21.72	<=33.01	Pass		
		6	0	19.97	0.7	20.67	<=33.01	Pass		
		16QAM	1850.7	1	0	19.88	0.7	20.58	<=33.01	Pass
					2	20.01	0.7	20.71	<=33.01	Pass
	5				19.85	0.7	20.55	<=33.01	Pass	
	3			0	19.82	0.7	20.52	<=33.01	Pass	
				2	19.8	0.7	20.5	<=33.01	Pass	
				3	19.86	0.7	20.56	<=33.01	Pass	
6	0			18.9	0.7	19.6	<=33.01	Pass		
1880	1			0	19.62	0.7	20.32	<=33.01	Pass	
				2	19.69	0.7	20.39	<=33.01	Pass	
			5	19.6	0.7	20.3	<=33.01	Pass		
	3		0	19.88	0.7	20.58	<=33.01	Pass		
			2	19.92	0.7	20.62	<=33.01	Pass		
			3	19.89	0.7	20.59	<=33.01	Pass		
	6		0	18.77	0.7	19.47	<=33.01	Pass		
	1909.3		1	0	19.87	0.7	20.57	<=33.01	Pass	
				2	20.03	0.7	20.73	<=33.01	Pass	
5				19.95	0.7	20.65	<=33.01	Pass		
3			0	20.08	0.7	20.78	<=33.01	Pass		
			2	20.1	0.7	20.8	<=33.01	Pass		
			3	20.06	0.7	20.76	<=33.01	Pass		
6			0	18.98	0.7	19.68	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B2_3MHz_EIRP

1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	20.89	0.7	21.59	<=33.01	Pass		
			7	21.04	0.7	21.74	<=33.01	Pass		
			14	20.89	0.7	21.59	<=33.01	Pass		
		8	0	19.88	0.7	20.58	<=33.01	Pass		
			4	19.89	0.7	20.59	<=33.01	Pass		
			7	19.84	0.7	20.54	<=33.01	Pass		
		15	0	19.86	0.7	20.56	<=33.01	Pass		
		1880	1	0	20.77	0.7	21.47	<=33.01	Pass	
				7	20.93	0.7	21.63	<=33.01	Pass	
	14			20.79	0.7	21.49	<=33.01	Pass		
	8		0	19.78	0.7	20.48	<=33.01	Pass		
			4	19.81	0.7	20.51	<=33.01	Pass		
			7	19.77	0.7	20.47	<=33.01	Pass		
	15		0	19.77	0.7	20.47	<=33.01	Pass		
	1908.5		1	0	21.03	0.7	21.73	<=33.01	Pass	
				7	21.19	0.7	21.89	<=33.01	Pass	
		14		21.05	0.7	21.75	<=33.01	Pass		
		8	0	20.03	0.7	20.73	<=33.01	Pass		
			4	20.11	0.7	20.81	<=33.01	Pass		
			7	20.07	0.7	20.77	<=33.01	Pass		
		15	0	20.03	0.7	20.73	<=33.01	Pass		
		16QAM	1851.5	1	0	19.90	0.7	20.6	<=33.01	Pass
					7	20.04	0.7	20.74	<=33.01	Pass
	14				19.86	0.7	20.56	<=33.01	Pass	
8	0			19.01	0.7	19.71	<=33.01	Pass		
	4			19.03	0.7	19.73	<=33.01	Pass		
	7			18.97	0.7	19.67	<=33.01	Pass		
15	0			18.98	0.7	19.68	<=33.01	Pass		
1880	1			0	19.91	0.7	20.61	<=33.01	Pass	
				7	20.06	0.7	20.76	<=33.01	Pass	
			14	19.93	0.7	20.63	<=33.01	Pass		
	8		0	18.81	0.7	19.51	<=33.01	Pass		
			4	18.86	0.7	19.56	<=33.01	Pass		
			7	18.81	0.7	19.51	<=33.01	Pass		
	15		0	18.82	0.7	19.52	<=33.01	Pass		
	1908.5		1	0	20.57	0.7	21.27	<=33.01	Pass	
				7	20.75	0.7	21.45	<=33.01	Pass	
14				20.60	0.7	21.3	<=33.01	Pass		
8			0	19.28	0.7	19.98	<=33.01	Pass		
			4	19.36	0.7	20.06	<=33.01	Pass		
			7	19.31	0.7	20.01	<=33.01	Pass		
15			0	19.20	0.7	19.9	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	20.75	0.7	21.45	<=33.01	Pass		
			13	20.82	0.7	21.52	<=33.01	Pass		
			24	20.68	0.7	21.38	<=33.01	Pass		
		12	0	19.75	0.7	20.45	<=33.01	Pass		
			6	19.76	0.7	20.46	<=33.01	Pass		
			13	19.64	0.7	20.34	<=33.01	Pass		
		25	0	19.73	0.7	20.43	<=33.01	Pass		
		1880	1	0	20.61	0.7	21.31	<=33.01	Pass	
				13	20.74	0.7	21.44	<=33.01	Pass	
	24			20.65	0.7	21.35	<=33.01	Pass		
	12		0	19.67	0.7	20.37	<=33.01	Pass		
			6	19.69	0.7	20.39	<=33.01	Pass		
			13	19.63	0.7	20.33	<=33.01	Pass		
	25		0	19.66	0.7	20.36	<=33.01	Pass		
	1907.5		1	0	20.84	0.7	21.54	<=33.01	Pass	
				13	21.02	0.7	21.72	<=33.01	Pass	
		24		20.96	0.7	21.66	<=33.01	Pass		
		12	0	19.91	0.7	20.61	<=33.01	Pass		
			6	19.99	0.7	20.69	<=33.01	Pass		
			13	19.94	0.7	20.64	<=33.01	Pass		
		25	0	19.96	0.7	20.66	<=33.01	Pass		
		16QAM	1852.5	1	0	19.79	0.7	20.49	<=33.01	Pass
					13	19.86	0.7	20.56	<=33.01	Pass
	24				19.72	0.7	20.42	<=33.01	Pass	
12	0			18.86	0.7	19.56	<=33.01	Pass		
	6			18.87	0.7	19.57	<=33.01	Pass		
	13			18.78	0.7	19.48	<=33.01	Pass		
25	0			18.82	0.7	19.52	<=33.01	Pass		
1880	1			0	19.81	0.7	20.51	<=33.01	Pass	
				13	19.99	0.7	20.69	<=33.01	Pass	
			24	19.93	0.7	20.63	<=33.01	Pass		
	12		0	18.80	0.7	19.5	<=33.01	Pass		
			6	18.86	0.7	19.56	<=33.01	Pass		
			13	18.76	0.7	19.46	<=33.01	Pass		
	25		0	18.74	0.7	19.44	<=33.01	Pass		
	1907.5		1	0	19.66	0.7	20.36	<=33.01	Pass	
				13	19.85	0.7	20.55	<=33.01	Pass	
24				19.78	0.7	20.48	<=33.01	Pass		
12			0	19.05	0.7	19.75	<=33.01	Pass		
			6	19.09	0.7	19.79	<=33.01	Pass		
			13	19.04	0.7	19.74	<=33.01	Pass		
25			0	19.07	0.7	19.77	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1855	1	0	20.76	0.7	21.46	<=33.01	Pass		
			25	20.95	0.7	21.65	<=33.01	Pass		
			49	20.70	0.7	21.4	<=33.01	Pass		
		25	0	19.88	0.7	20.58	<=33.01	Pass		
			13	19.78	0.7	20.48	<=33.01	Pass		
			25	19.73	0.7	20.43	<=33.01	Pass		
		50	0	19.86	0.7	20.56	<=33.01	Pass		
		1880	1	0	20.61	0.7	21.31	<=33.01	Pass	
				25	20.90	0.7	21.6	<=33.01	Pass	
	49			20.74	0.7	21.44	<=33.01	Pass		
	25		0	19.80	0.7	20.5	<=33.01	Pass		
			13	19.78	0.7	20.48	<=33.01	Pass		
			25	19.73	0.7	20.43	<=33.01	Pass		
	50		0	19.76	0.7	20.46	<=33.01	Pass		
	1905		1	0	20.89	0.7	21.59	<=33.01	Pass	
				25	21.11	0.7	21.81	<=33.01	Pass	
		49		20.98	0.7	21.68	<=33.01	Pass		
		25	0	19.99	0.7	20.69	<=33.01	Pass		
			13	19.94	0.7	20.64	<=33.01	Pass		
			25	19.97	0.7	20.67	<=33.01	Pass		
		50	0	19.98	0.7	20.68	<=33.01	Pass		
		16QAM	1855	1	0	19.72	0.7	20.42	<=33.01	Pass
					25	19.92	0.7	20.62	<=33.01	Pass
	49				19.63	0.7	20.33	<=33.01	Pass	
25	0			19.04	0.7	19.74	<=33.01	Pass		
	13			18.94	0.7	19.64	<=33.01	Pass		
	25			18.91	0.7	19.61	<=33.01	Pass		
50	0			18.90	0.7	19.6	<=33.01	Pass		
1880	1			0	19.74	0.7	20.44	<=33.01	Pass	
				25	20.04	0.7	20.74	<=33.01	Pass	
			49	19.88	0.7	20.58	<=33.01	Pass		
	25		0	18.89	0.7	19.59	<=33.01	Pass		
			13	18.86	0.7	19.56	<=33.01	Pass		
			25	18.84	0.7	19.54	<=33.01	Pass		
	50		0	18.84	0.7	19.54	<=33.01	Pass		
	1905		1	0	20.19	0.7	20.89	<=33.01	Pass	
				25	20.54	0.7	21.24	<=33.01	Pass	
49				20.50	0.7	21.2	<=33.01	Pass		
25			0	19.08	0.7	19.78	<=33.01	Pass		
			13	19.09	0.7	19.79	<=33.01	Pass		
			25	19.09	0.7	19.79	<=33.01	Pass		
50			0	19.06	0.7	19.76	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / 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	20.56	0.7	21.26	<=33.01	Pass		
			38	20.74	0.7	21.44	<=33.01	Pass		
			74	20.48	0.7	21.18	<=33.01	Pass		
		36	0	19.75	0.7	20.45	<=33.01	Pass		
			18	19.73	0.7	20.43	<=33.01	Pass		
			39	19.76	0.7	20.46	<=33.01	Pass		
		75	0	19.77	0.7	20.47	<=33.01	Pass		
		1880	1	0	20.46	0.7	21.16	<=33.01	Pass	
				38	20.73	0.7	21.43	<=33.01	Pass	
	74			20.57	0.7	21.27	<=33.01	Pass		
	36		0	19.72	0.7	20.42	<=33.01	Pass		
			18	19.73	0.7	20.43	<=33.01	Pass		
			39	19.68	0.7	20.38	<=33.01	Pass		
	75		0	19.73	0.7	20.43	<=33.01	Pass		
	1902.5		1	0	20.75	0.7	21.45	<=33.01	Pass	
				38	20.92	0.7	21.62	<=33.01	Pass	
		74		20.80	0.7	21.5	<=33.01	Pass		
		36	0	19.96	0.7	20.66	<=33.01	Pass		
			18	20.00	0.7	20.7	<=33.01	Pass		
			39	19.90	0.7	20.6	<=33.01	Pass		
		75	0	19.93	0.7	20.63	<=33.01	Pass		
		16QAM	1857.5	1	0	20.00	0.7	20.7	<=33.01	Pass
					38	20.06	0.7	20.76	<=33.01	Pass
	74				19.65	0.7	20.35	<=33.01	Pass	
36	0			18.81	0.7	19.51	<=33.01	Pass		
	18			18.80	0.7	19.5	<=33.01	Pass		
	39			18.78	0.7	19.48	<=33.01	Pass		
75	0			18.77	0.7	19.47	<=33.01	Pass		
1880	1			0	19.51	0.7	20.21	<=33.01	Pass	
				38	19.85	0.7	20.55	<=33.01	Pass	
			74	19.70	0.7	20.4	<=33.01	Pass		
	36		0	18.81	0.7	19.51	<=33.01	Pass		
			18	18.81	0.7	19.51	<=33.01	Pass		
			39	18.80	0.7	19.5	<=33.01	Pass		
	75		0	18.80	0.7	19.5	<=33.01	Pass		
	1902.5		1	0	20.00	0.7	20.7	<=33.01	Pass	
				38	20.32	0.7	21.02	<=33.01	Pass	
74				20.38	0.7	21.08	<=33.01	Pass		
36			0	18.95	0.7	19.65	<=33.01	Pass		
			18	19.05	0.7	19.75	<=33.01	Pass		
			39	18.99	0.7	19.69	<=33.01	Pass		
75			0	18.93	0.7	19.63	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1860	1	0	20.39	0.7	21.09	<=33.01	Pass		
			50	20.82	0.7	21.52	<=33.01	Pass		
			99	20.29	0.7	20.99	<=33.01	Pass		
		50	0	19.77	0.7	20.47	<=33.01	Pass		
			25	19.67	0.7	20.37	<=33.01	Pass		
			50	19.74	0.7	20.44	<=33.01	Pass		
		100	0	19.76	0.7	20.46	<=33.01	Pass		
		1880	1	0	20.30	0.7	21	<=33.01	Pass	
				50	20.89	0.7	21.59	<=33.01	Pass	
	99			20.47	0.7	21.17	<=33.01	Pass		
	50		0	19.71	0.7	20.41	<=33.01	Pass		
			25	19.68	0.7	20.38	<=33.01	Pass		
			50	19.67	0.7	20.37	<=33.01	Pass		
	100		0	19.73	0.7	20.43	<=33.01	Pass		
	1900		1	0	20.44	0.7	21.14	<=33.01	Pass	
				50	21.07	0.7	21.77	<=33.01	Pass	
		99		20.66	0.7	21.36	<=33.01	Pass		
		50	0	19.71	0.7	20.41	<=33.01	Pass		
25			19.84	0.7	20.54	<=33.01	Pass			
50			19.81	0.7	20.51	<=33.01	Pass			
100		0	19.81	0.7	20.51	<=33.01	Pass			
16QAM		1860	1	0	19.94	0.7	20.64	<=33.01	Pass	
				50	20.25	0.7	20.95	<=33.01	Pass	
	99			19.66	0.7	20.36	<=33.01	Pass		
	50		0	18.86	0.7	19.56	<=33.01	Pass		
			25	18.71	0.7	19.41	<=33.01	Pass		
			50	18.73	0.7	19.43	<=33.01	Pass		
	100		0	18.80	0.7	19.5	<=33.01	Pass		
	1880		1	0	19.36	0.7	20.06	<=33.01	Pass	
				50	20.02	0.7	20.72	<=33.01	Pass	
		99		19.60	0.7	20.3	<=33.01	Pass		
		50	0	18.76	0.7	19.46	<=33.01	Pass		
			25	18.75	0.7	19.45	<=33.01	Pass		
			50	18.77	0.7	19.47	<=33.01	Pass		
		100	0	18.75	0.7	19.45	<=33.01	Pass		
		1900	1	0	19.64	0.7	20.34	<=33.01	Pass	
				50	20.16	0.7	20.86	<=33.01	Pass	
	99			19.93	0.7	20.63	<=33.01	Pass		
	50		0	18.75	0.7	19.45	<=33.01	Pass		
			25	18.86	0.7	19.56	<=33.01	Pass		
			50	18.87	0.7	19.57	<=33.01	Pass		
	100		0	18.86	0.7	19.56	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 B2_1.4MHz

2.1.1 Test Result

Band: 2 / 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	-5.322	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.807	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.153	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-3.047	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-3.648	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-7.825	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.280	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.037	-0.0033	-2.5 to 2.5	Pass
	50	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	-3.576	-0.0019	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0045	-2.5 to 2.5	Pass
					4.43	-16.823	-0.0089	-2.5 to 2.5	Pass
				-30	3.85	-12.302	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	1.731	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-8.798	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-11.272	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-11.687	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-13.490	-0.0072	-2.5 to 2.5	Pass
	50	3.85	6.952	0.0037	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-0.315	-0.0002	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-14.806	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-16.451	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-10.257	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-13.204	-0.0069	-2.5 to 2.5	Pass
				10	3.85	-6.137	-0.0032	-2.5 to 2.5	Pass
30				3.85	-12.846	-0.0067	-2.5 to 2.5	Pass	
40				3.85	-4.778	-0.0025	-2.5 to 2.5	Pass	
50	3.85	-6.824	-0.0036	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	0.544	0.0003	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0003	-2.5 to 2.5	Pass
					4.43	-18.711	-0.0101	-2.5 to 2.5	Pass
				-30	3.85	-6.037	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	4.435	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-15.321	-0.0083	-2.5 to 2.5	Pass
				0	3.85	-3.505	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-4.792	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-2.561	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-14.420	-0.0078	-2.5 to 2.5	Pass
	50	3.85	0.429	0.0002	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	3.619	0.0019	-2.5 to 2.5	Pass
					3.85	-7.710	-0.0041	-2.5 to 2.5	Pass
					4.43	-2.003	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass

				-20	3.85	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-13.146	-0.0070	-2.5 to 2.5	Pass
				0	3.85	-11.888	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-17.610	-0.0094	-2.5 to 2.5	Pass
				40	3.85	-16.537	-0.0088	-2.5 to 2.5	Pass
	50	3.85	-3.104	-0.0017	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-9.499	-0.0050	-2.5 to 2.5	Pass
					3.85	-13.318	-0.0070	-2.5 to 2.5	Pass
					4.43	-11.258	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	4.306	0.0023	-2.5 to 2.5	Pass
				-20	3.85	-15.378	-0.0081	-2.5 to 2.5	Pass
				-10	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-10.057	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass

2.2 B2_3MHz

2.2.1 Test Result

Band: 2 / 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	-20.199	-0.0109	-2.5 to 2.5	Pass
					3.85	-14.935	-0.0081	-2.5 to 2.5	Pass
					4.43	-9.542	-0.0052	-2.5 to 2.5	Pass
				-30	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-14.205	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-12.946	-0.0070	-2.5 to 2.5	Pass
				30	3.85	-4.191	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-5.107	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-9.184	-0.0050	-2.5 to 2.5	Pass
				1880	15	0	20	3.27	-2.060
	3.85	-0.200	-0.0001					-2.5 to 2.5	Pass
	4.43	-5.879	-0.0031					-2.5 to 2.5	Pass
	-30	3.85	-8.097				-0.0043	-2.5 to 2.5	Pass
	-20	3.85	-1.645				-0.0009	-2.5 to 2.5	Pass
	-10	3.85	-8.669				-0.0046	-2.5 to 2.5	Pass
	0	3.85	-10.042				-0.0053	-2.5 to 2.5	Pass
	10	3.85	-14.663				-0.0078	-2.5 to 2.5	Pass
	30	3.85	-9.956				-0.0053	-2.5 to 2.5	Pass
	40	3.85	-11.072				-0.0059	-2.5 to 2.5	Pass
	50	3.85	-14.935				-0.0079	-2.5 to 2.5	Pass
	1908.5	15	0				20	3.27	-1.273
				3.85	-2.890	-0.0015		-2.5 to 2.5	Pass
				4.43	-2.460	-0.0013		-2.5 to 2.5	Pass

16QAM	1851.5	15	0	-30	3.85	-9.255	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-9.127	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-17.624	-0.0092	-2.5 to 2.5	Pass
				30	3.85	-5.465	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.074	-0.0011	-2.5 to 2.5	Pass
	50	3.85	-3.076	-0.0016	-2.5 to 2.5	Pass			
	20	1880	15	0	3.27	-3.719	-0.0020	-2.5 to 2.5	Pass
	3.85				-5.937	-0.0032	-2.5 to 2.5	Pass	
	4.43				-7.925	-0.0043	-2.5 to 2.5	Pass	
	-30				3.85	-9.127	-0.0049	-2.5 to 2.5	Pass
	-20				3.85	-7.596	-0.0041	-2.5 to 2.5	Pass
	-10				3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
	0				3.85	-6.180	-0.0033	-2.5 to 2.5	Pass
	10				3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
	30				3.85	-5.779	-0.0031	-2.5 to 2.5	Pass
	40				3.85	-11.601	-0.0063	-2.5 to 2.5	Pass
	50				3.85	-7.424	-0.0040	-2.5 to 2.5	Pass
	20				3.27	-12.546	-0.0067	-2.5 to 2.5	Pass
	3.85				-5.708	-0.0030	-2.5 to 2.5	Pass	
	4.43				-10.986	-0.0058	-2.5 to 2.5	Pass	
	-30	3.85	-4.005	-0.0021	-2.5 to 2.5	Pass			
	-20	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass			
	-10	3.85	-9.871	-0.0053	-2.5 to 2.5	Pass			
	0	3.85	-13.132	-0.0070	-2.5 to 2.5	Pass			
	10	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass			
30	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass				
40	3.85	-8.426	-0.0045	-2.5 to 2.5	Pass				
50	3.85	-17.753	-0.0094	-2.5 to 2.5	Pass				
20	1908.5	15	0	3.27	-3.834	-0.0020	-2.5 to 2.5	Pass	
3.85				-9.456	-0.0050	-2.5 to 2.5	Pass		
4.43				-10.757	-0.0056	-2.5 to 2.5	Pass		
-30				3.85	-6.366	-0.0033	-2.5 to 2.5	Pass	
-20				3.85	-7.081	-0.0037	-2.5 to 2.5	Pass	
-10				3.85	-9.871	-0.0052	-2.5 to 2.5	Pass	
0				3.85	-8.755	-0.0046	-2.5 to 2.5	Pass	
10				3.85	-13.719	-0.0072	-2.5 to 2.5	Pass	
30				3.85	-9.928	-0.0052	-2.5 to 2.5	Pass	
40				3.85	-4.835	-0.0025	-2.5 to 2.5	Pass	
50				3.85	-7.453	-0.0039	-2.5 to 2.5	Pass	

2.3 B2_5MHz

2.3.1 Test Result

Band: 2 / Bandwidth: 5MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1852.5	25	0	20	3.27	-5.279	-0.0028	-2.5 to 2.5	Pass
					3.85	-17.352	-0.0094	-2.5 to 2.5	Pass
					4.43	-11.902	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.495	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-8.469	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-6.967	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-9.370	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-7.539	-0.0041	-2.5 to 2.5	Pass
	50	3.85	-6.022	-0.0033	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-4.549	-0.0024	-2.5 to 2.5	Pass
					3.85	-14.720	-0.0078	-2.5 to 2.5	Pass
					4.43	-7.911	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-7.839	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-8.469	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-4.292	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.537	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.895	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-9.627	-0.0051	-2.5 to 2.5	Pass
	50	3.85	-5.565	-0.0030	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-5.136	-0.0027	-2.5 to 2.5	Pass
					3.85	-10.901	-0.0057	-2.5 to 2.5	Pass
					4.43	-12.016	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-13.833	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-12.102	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-12.045	-0.0063	-2.5 to 2.5	Pass
				0	3.85	-12.460	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-7.124	-0.0037	-2.5 to 2.5	Pass
30				3.85	-11.287	-0.0059	-2.5 to 2.5	Pass	
40				3.85	-3.147	-0.0016	-2.5 to 2.5	Pass	
50	3.85	-11.630	-0.0061	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	-4.849	-0.0026	-2.5 to 2.5	Pass
					3.85	3.762	0.0020	-2.5 to 2.5	Pass
					4.43	-2.589	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-13.046	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-4.392	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-7.124	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-9.871	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-6.795	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-6.781	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-1.230	-0.0007	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-3.304	-0.0018	-2.5 to 2.5	Pass
					3.85	-2.332	-0.0012	-2.5 to 2.5	Pass
					4.43	-4.764	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-10.314	-0.0055	-2.5 to 2.5	Pass
				-20	3.85	-13.061	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0028	-2.5 to 2.5	Pass
				0	3.85	4.234	0.0023	-2.5 to 2.5	Pass
				10	3.85	-11.773	-0.0063	-2.5 to 2.5	Pass

	1907.5	25	0	30	3.85	-13.461	-0.0072	-2.5 to 2.5	Pass
				40	3.85	-9.441	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-12.817	-0.0068	-2.5 to 2.5	Pass
				20	3.27	-11.673	-0.0061	-2.5 to 2.5	Pass
					3.85	-13.890	-0.0073	-2.5 to 2.5	Pass
					4.43	-14.648	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	-9.685	-0.0051	-2.5 to 2.5	Pass
				-10	3.85	-4.406	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-10.772	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-9.542	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-6.123	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-10.886	-0.0057	-2.5 to 2.5	Pass

2.4 B2_10MHz

2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	50	0	20	3.27	-9.971	-0.0054	-2.5 to 2.5	Pass
					3.85	-1.559	-0.0008	-2.5 to 2.5	Pass
					4.43	-3.390	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-6.051	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-6.380	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-8.655	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass
	50	3.85	-3.834	-0.0021	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-3.748	-0.0020	-2.5 to 2.5	Pass
					3.85	-0.358	-0.0002	-2.5 to 2.5	Pass
					4.43	-8.254	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-9.370	-0.0050	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-14.791	-0.0079	-2.5 to 2.5	Pass
				30	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				40	3.85	-10.314	-0.0055	-2.5 to 2.5	Pass
	50	3.85	1.702	0.0009	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-9.484	-0.0050	-2.5 to 2.5	Pass
					3.85	-7.253	-0.0038	-2.5 to 2.5	Pass
					4.43	-11.215	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-9.384	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-12.832	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	-4.034	-0.0021	-2.5 to 2.5	Pass

				0	3.85	-7.839	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-8.340	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-7.939	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-9.770	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
16QAM	1855	50	0	20	3.27	-4.764	-0.0026	-2.5 to 2.5	Pass
					3.85	-2.031	-0.0011	-2.5 to 2.5	Pass
					4.43	-4.835	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-7.710	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-6.022	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-2.103	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-9.441	-0.0051	-2.5 to 2.5	Pass
	50	3.85	-6.094	-0.0033	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	-2.203	-0.0012	-2.5 to 2.5	Pass
					3.85	-1.688	-0.0009	-2.5 to 2.5	Pass
					4.43	-9.198	-0.0049	-2.5 to 2.5	Pass
				-30	3.85	-3.333	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-8.755	-0.0047	-2.5 to 2.5	Pass
				-10	3.85	1.502	0.0008	-2.5 to 2.5	Pass
				0	3.85	-8.125	-0.0043	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-10.743	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-0.701	-0.0004	-2.5 to 2.5	Pass
	50	3.85	-6.509	-0.0035	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-5.293	-0.0028	-2.5 to 2.5	Pass
					3.85	-9.027	-0.0047	-2.5 to 2.5	Pass
					4.43	-2.704	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-11.959	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-2.689	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-6.552	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-15.864	-0.0083	-2.5 to 2.5	Pass
30				3.85	-12.174	-0.0064	-2.5 to 2.5	Pass	
40				3.85	-5.393	-0.0028	-2.5 to 2.5	Pass	
50	3.85	-14.148	-0.0074	-2.5 to 2.5	Pass				

2.5 B2_15MHz

2.5.1 Test Result

Band: 2 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1857.5	75	0	20	3.27	-4.063	-0.0022	-2.5 to 2.5	Pass
					3.85	-5.121	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.576	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass

				-20	3.85	-2.046	-0.0011	-2.5 to 2.5	Pass			
				-10	3.85	0.944	0.0005	-2.5 to 2.5	Pass			
				0	3.85	-2.847	-0.0015	-2.5 to 2.5	Pass			
				10	3.85	-2.275	-0.0012	-2.5 to 2.5	Pass			
				30	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass			
				40	3.85	-2.789	-0.0015	-2.5 to 2.5	Pass			
				50	3.85	-2.131	-0.0011	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-2.346	-0.0012	-2.5 to 2.5	Pass			
					3.85	-8.554	-0.0046	-2.5 to 2.5	Pass			
					4.43	-3.276	-0.0017	-2.5 to 2.5	Pass			
				-30	3.85	-4.735	-0.0025	-2.5 to 2.5	Pass			
				-20	3.85	-0.529	-0.0003	-2.5 to 2.5	Pass			
				-10	3.85	-7.796	-0.0041	-2.5 to 2.5	Pass			
				0	3.85	-13.919	-0.0074	-2.5 to 2.5	Pass			
				10	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass			
				30	3.85	-4.635	-0.0025	-2.5 to 2.5	Pass			
				40	3.85	-1.330	-0.0007	-2.5 to 2.5	Pass			
				50	3.85	-5.865	-0.0031	-2.5 to 2.5	Pass			
				1902.5	75	0	20	3.27	-7.968	-0.0042	-2.5 to 2.5	Pass
								3.85	-9.212	-0.0048	-2.5 to 2.5	Pass
	4.43	-4.721	-0.0025					-2.5 to 2.5	Pass			
	-30	3.85	-3.161				-0.0017	-2.5 to 2.5	Pass			
	-20	3.85	0.687				0.0004	-2.5 to 2.5	Pass			
	-10	3.85	0.501				0.0003	-2.5 to 2.5	Pass			
	0	3.85	-5.121				-0.0027	-2.5 to 2.5	Pass			
	10	3.85	-9.584				-0.0050	-2.5 to 2.5	Pass			
	30	3.85	-0.286				-0.0002	-2.5 to 2.5	Pass			
	40	3.85	0.458				0.0002	-2.5 to 2.5	Pass			
	50	3.85	0.386	0.0002	-2.5 to 2.5	Pass						
	16QAM	1857.5	75	0	20	3.27	-5.665	-0.0030	-2.5 to 2.5	Pass		
3.85						-2.532	-0.0014	-2.5 to 2.5	Pass			
4.43						-3.061	-0.0016	-2.5 to 2.5	Pass			
-30					3.85	-2.561	-0.0014	-2.5 to 2.5	Pass			
-20					3.85	-6.766	-0.0036	-2.5 to 2.5	Pass			
-10					3.85	2.432	0.0013	-2.5 to 2.5	Pass			
0					3.85	-0.587	-0.0003	-2.5 to 2.5	Pass			
10					3.85	-0.715	-0.0004	-2.5 to 2.5	Pass			
30					3.85	-3.147	-0.0017	-2.5 to 2.5	Pass			
40					3.85	0.129	0.0001	-2.5 to 2.5	Pass			
50					3.85	-3.319	-0.0018	-2.5 to 2.5	Pass			
1880					75	0	20	3.27	-0.687	-0.0004	-2.5 to 2.5	Pass
								3.85	-4.349	-0.0023	-2.5 to 2.5	Pass
		4.43	-0.758	-0.0004				-2.5 to 2.5	Pass			
		-30	3.85	-0.229			-0.0001	-2.5 to 2.5	Pass			
		-20	3.85	-7.668			-0.0041	-2.5 to 2.5	Pass			
		-10	3.85	-6.380			-0.0034	-2.5 to 2.5	Pass			
		0	3.85	0.143			0.0001	-2.5 to 2.5	Pass			
		10	3.85	0.644			0.0003	-2.5 to 2.5	Pass			
		30	3.85	-5.479			-0.0029	-2.5 to 2.5	Pass			
		40	3.85	2.847			0.0015	-2.5 to 2.5	Pass			
50		3.85	1.502	0.0008	-2.5 to 2.5	Pass						
1902.5		75	0	20	3.27	-2.375	-0.0012	-2.5 to 2.5	Pass			
	3.85				-2.346	-0.0012	-2.5 to 2.5	Pass				
	4.43				-2.446	-0.0013	-2.5 to 2.5	Pass				
-30	3.85	0.744	0.0004	-2.5 to 2.5	Pass							

				-20	3.85	-4.120	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-5.994	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.506	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-4.821	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass

2.6 B2_20MHz

2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-2.332	-0.0013	-2.5 to 2.5	Pass
					3.85	-5.808	-0.0031	-2.5 to 2.5	Pass
					4.43	-8.698	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-9.341	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-4.549	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-8.497	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-11.144	-0.0060	-2.5 to 2.5	Pass
	50	3.85	-8.740	-0.0047	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-10.228	-0.0054	-2.5 to 2.5	Pass
					3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.163	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-10.271	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-7.668	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-5.994	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-6.137	-0.0033	-2.5 to 2.5	Pass
	50	3.85	-12.846	-0.0068	-2.5 to 2.5	Pass			
	1900	100	0	20	3.27	-5.679	-0.0030	-2.5 to 2.5	Pass
					3.85	-11.916	-0.0063	-2.5 to 2.5	Pass
					4.43	0.558	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-9.012	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.432	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-10.700	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-10.500	-0.0055	-2.5 to 2.5	Pass
30				3.85	-2.418	-0.0013	-2.5 to 2.5	Pass	
40				3.85	-4.292	-0.0023	-2.5 to 2.5	Pass	
50	3.85	-10.185	-0.0054	-2.5 to 2.5	Pass				
16QAM	1860	100	0	20	3.27	-0.701	-0.0004	-2.5 to 2.5	Pass
					3.85	-4.435	-0.0024	-2.5 to 2.5	Pass
					4.43	-7.267	-0.0039	-2.5 to 2.5	Pass

				-30	3.85	-2.246	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-10.357	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass
				0	3.85	2.460	0.0013	-2.5 to 2.5	Pass
				10	3.85	-6.409	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-11.129	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-0.615	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.973	-0.0005	-2.5 to 2.5	Pass
				20	3.27	-5.736	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.838	-0.0036	-2.5 to 2.5	Pass
	4.43	-12.445	-0.0066		-2.5 to 2.5	Pass			
	0	1880	100	-30	3.85	-13.175	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-9.184	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-4.692	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-1.845	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-7.925	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-11.244	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-11.415	-0.0061	-2.5 to 2.5	Pass
				20	3.27	-1.431	-0.0008	-2.5 to 2.5	Pass
					3.85	-2.918	-0.0015	-2.5 to 2.5	Pass
	4.43	-0.958	-0.0005		-2.5 to 2.5	Pass			
	0	1900	100	-30	3.85	-7.768	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-7.267	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-2.832	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.938	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-10.042	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-9.642	-0.0051	-2.5 to 2.5	Pass

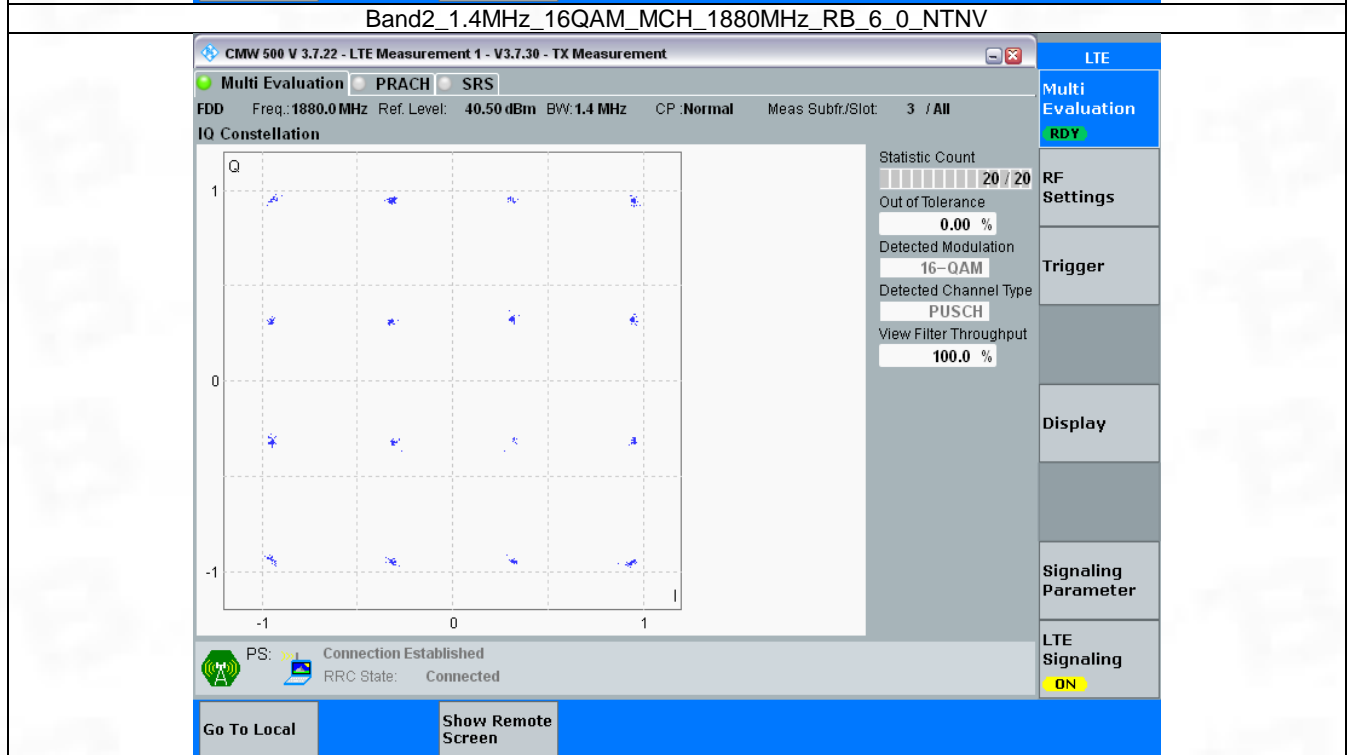
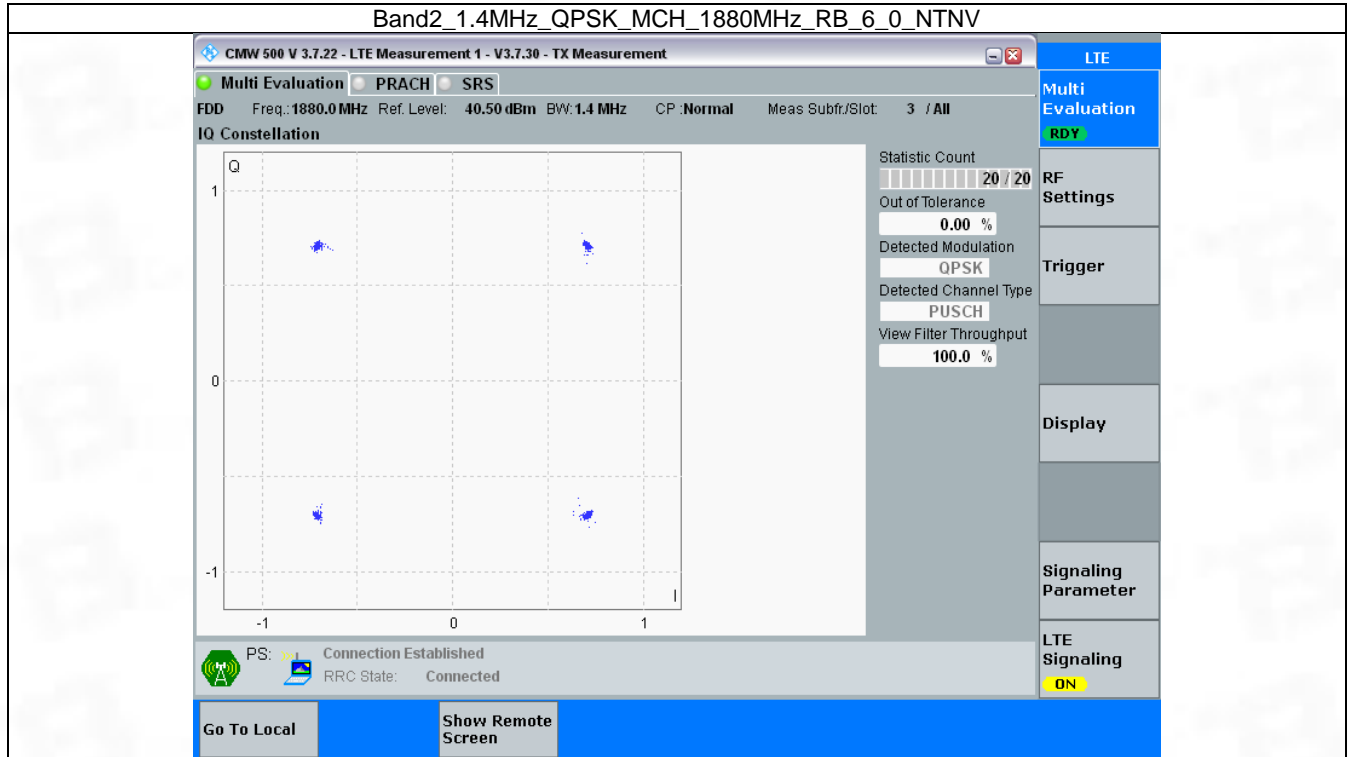
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	6	0	Refer To Test Graph		Pass
16QAM	1880	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

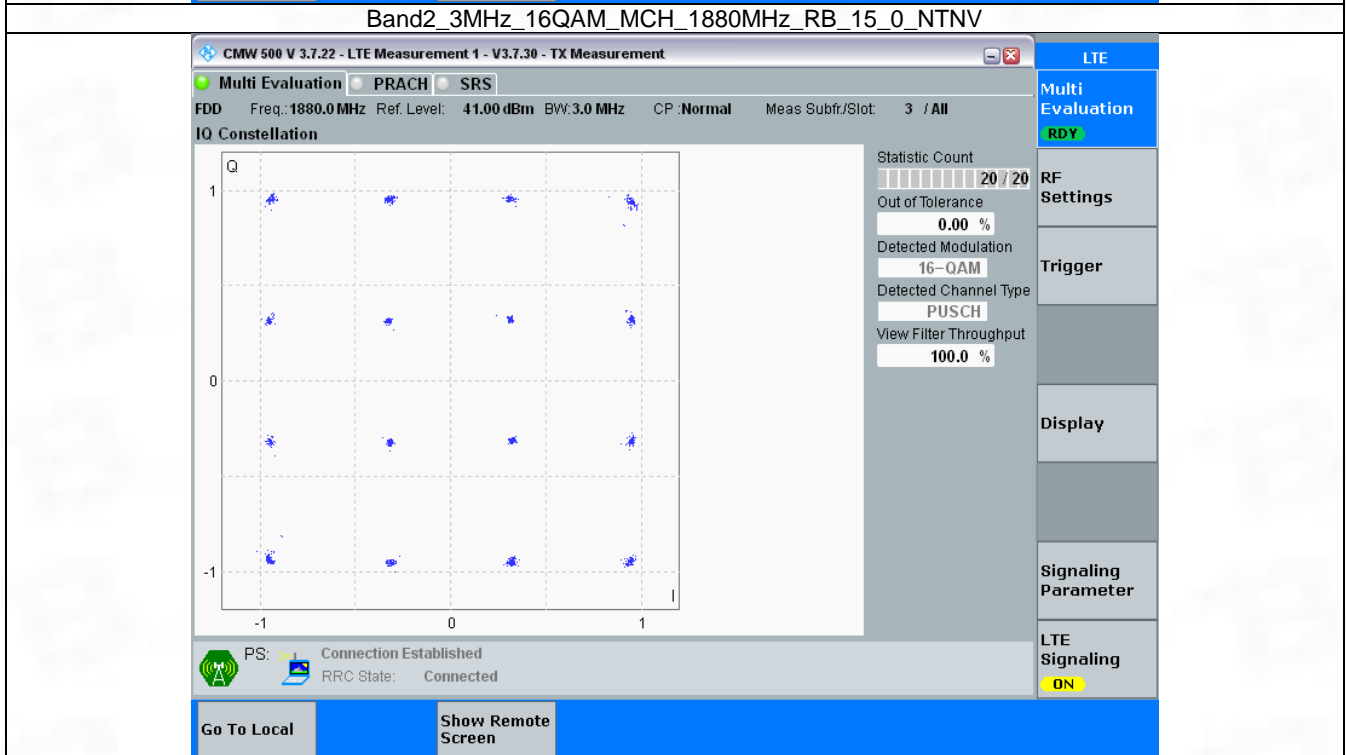
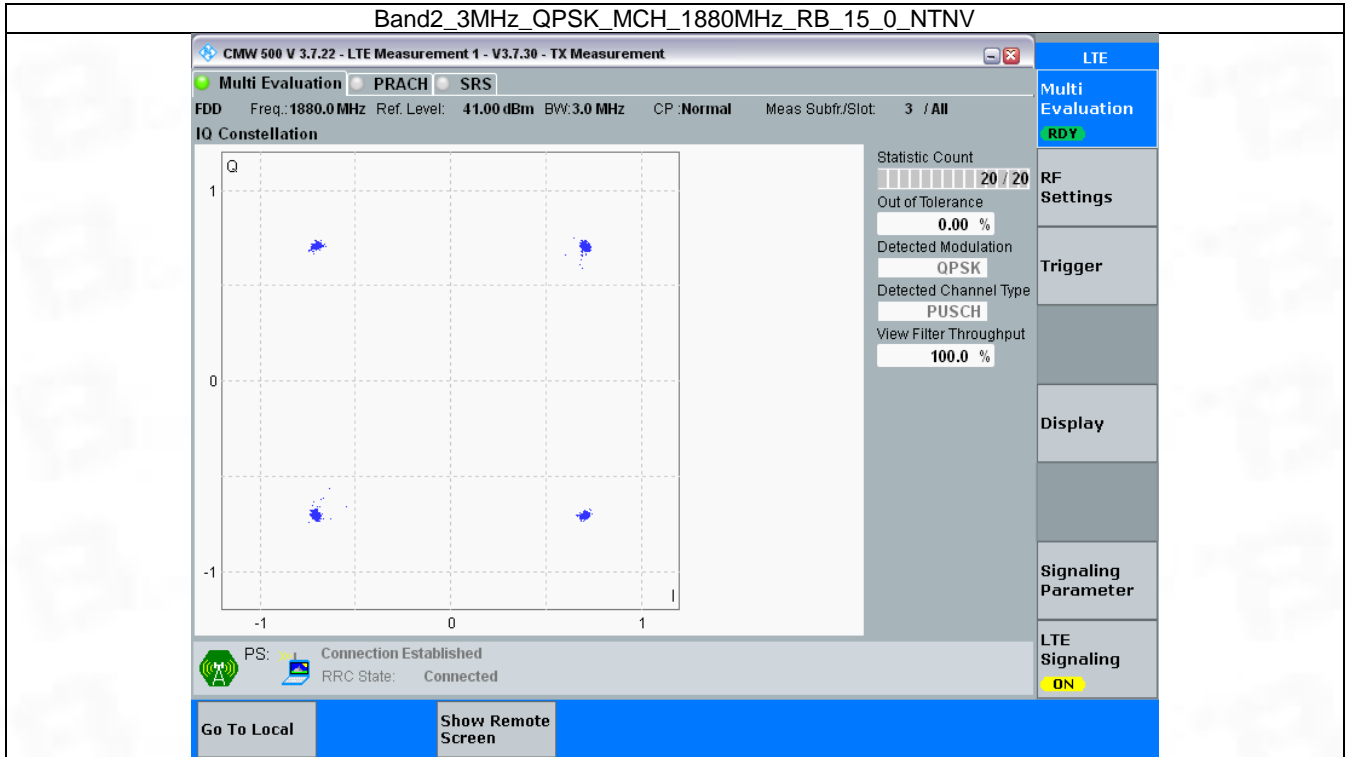


3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	15	0	Refer To Test Graph		Pass
16QAM	1880	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

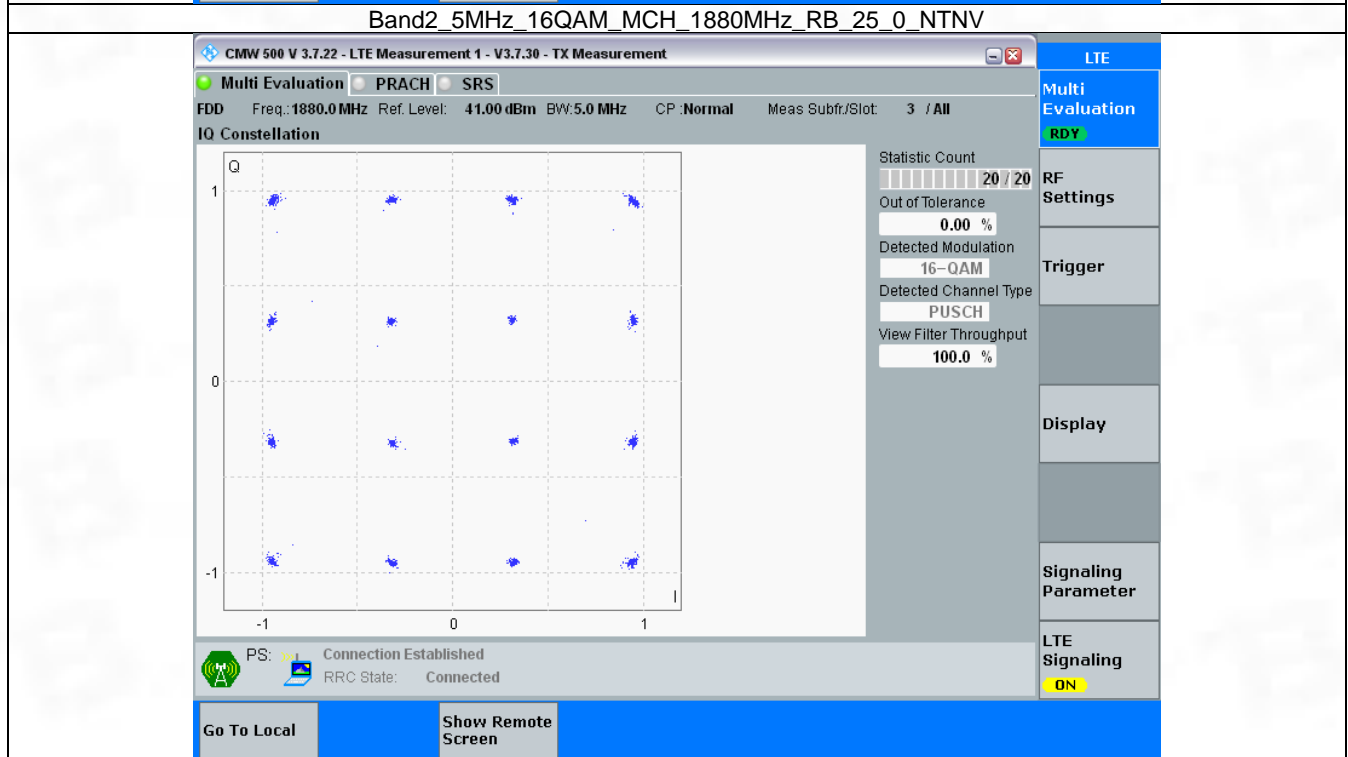
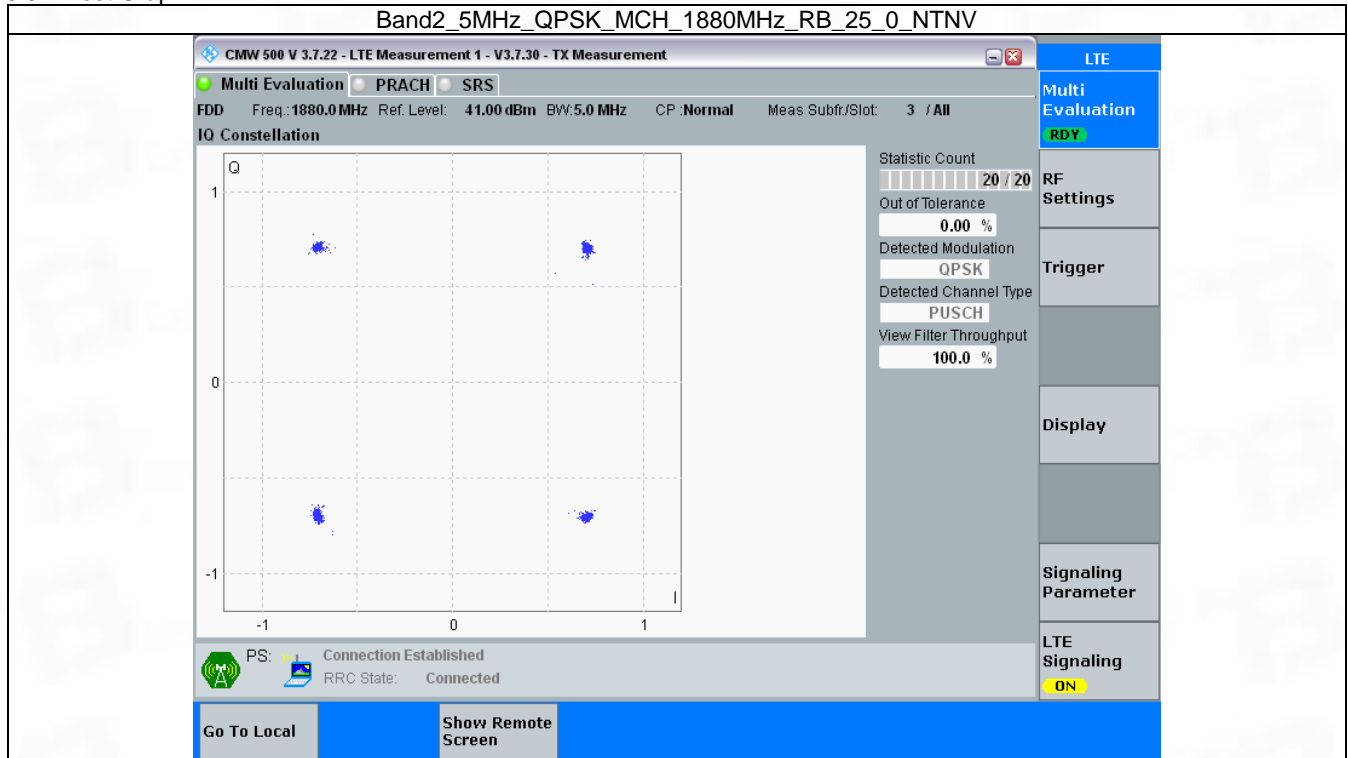


3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	25	0	Refer To Test Graph		Pass
16QAM	1880	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

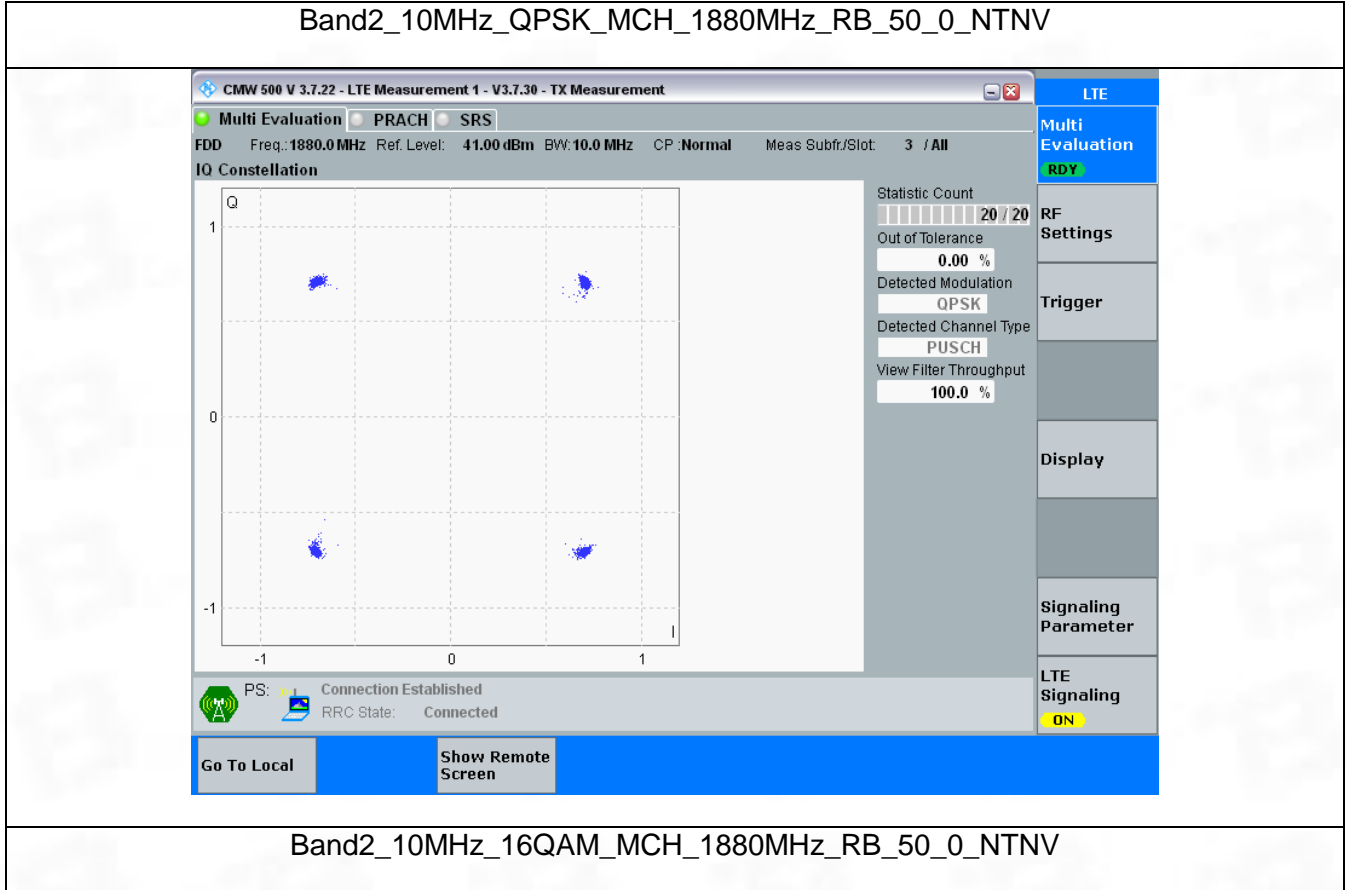


3.4 B2_10MHz

3.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph



CMW 500 V 3.7.22 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 41.00 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 3 / All

IQ Constellation

Statistic Count: 20 / 20
 Out of Tolerance: 0.00 %
 Detected Modulation: 16-QAM
 Detected Channel Type: PUSCH
 View Filter Throughput: 100.0 %

PS: Connection Established
 RRC State: Connected

Go To Local Show Remote Screen

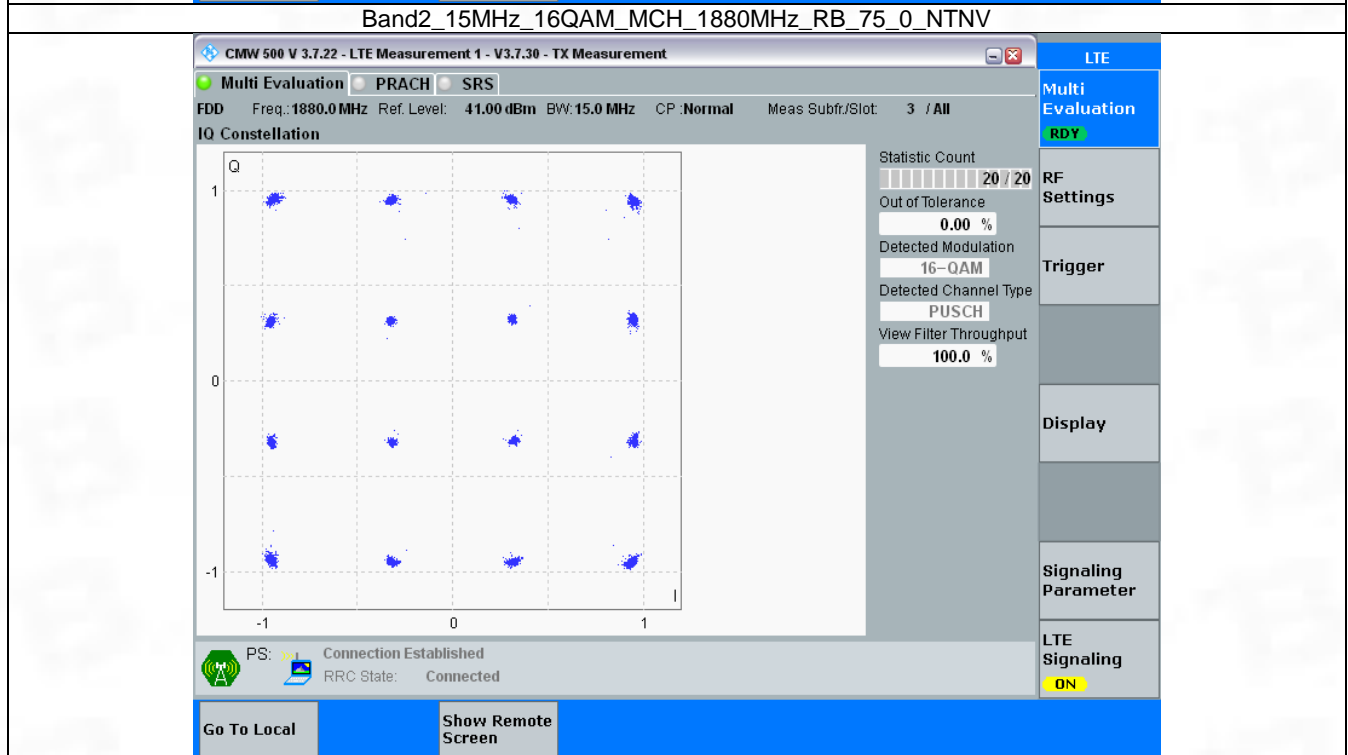
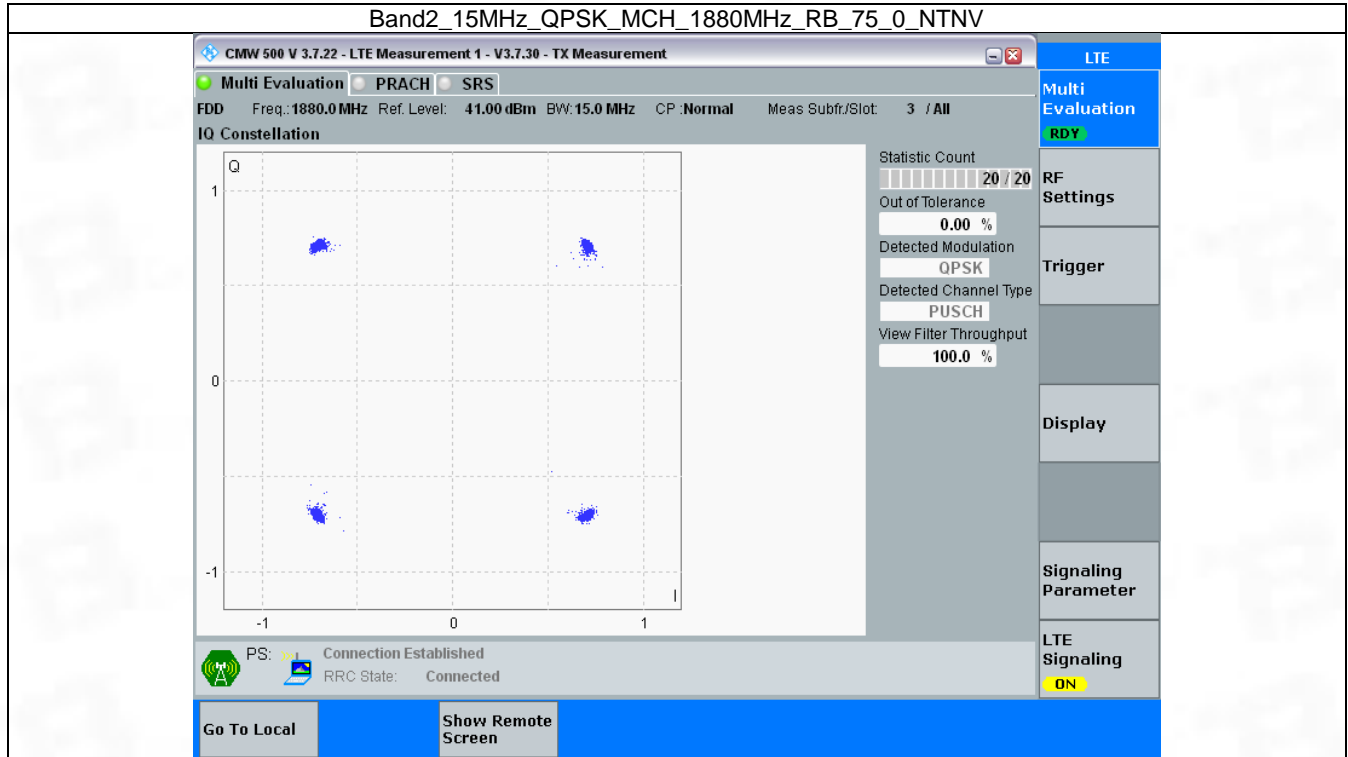
LTE
 Multi Evaluation RDY
 RF Settings
 Trigger
 Display
 Signaling Parameter
 LTE Signaling ON

3.5 B2_15MHz

3.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

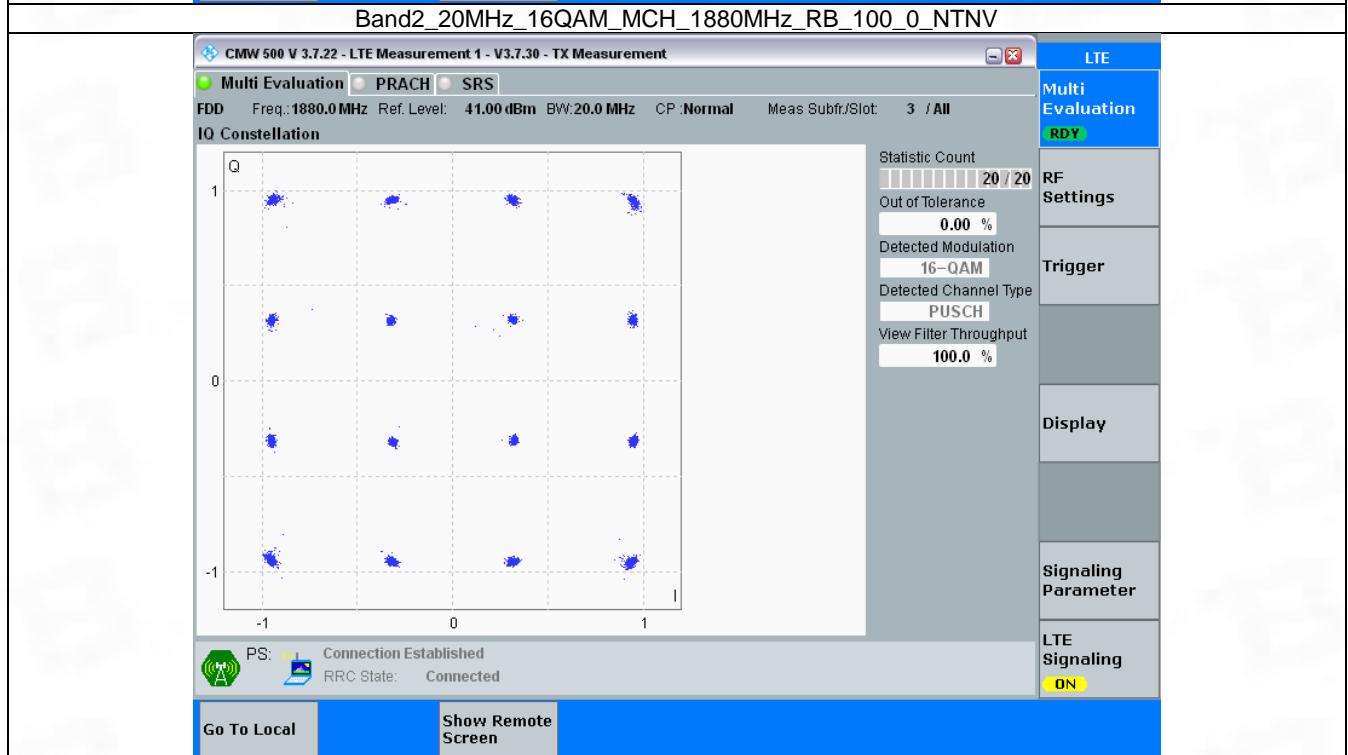
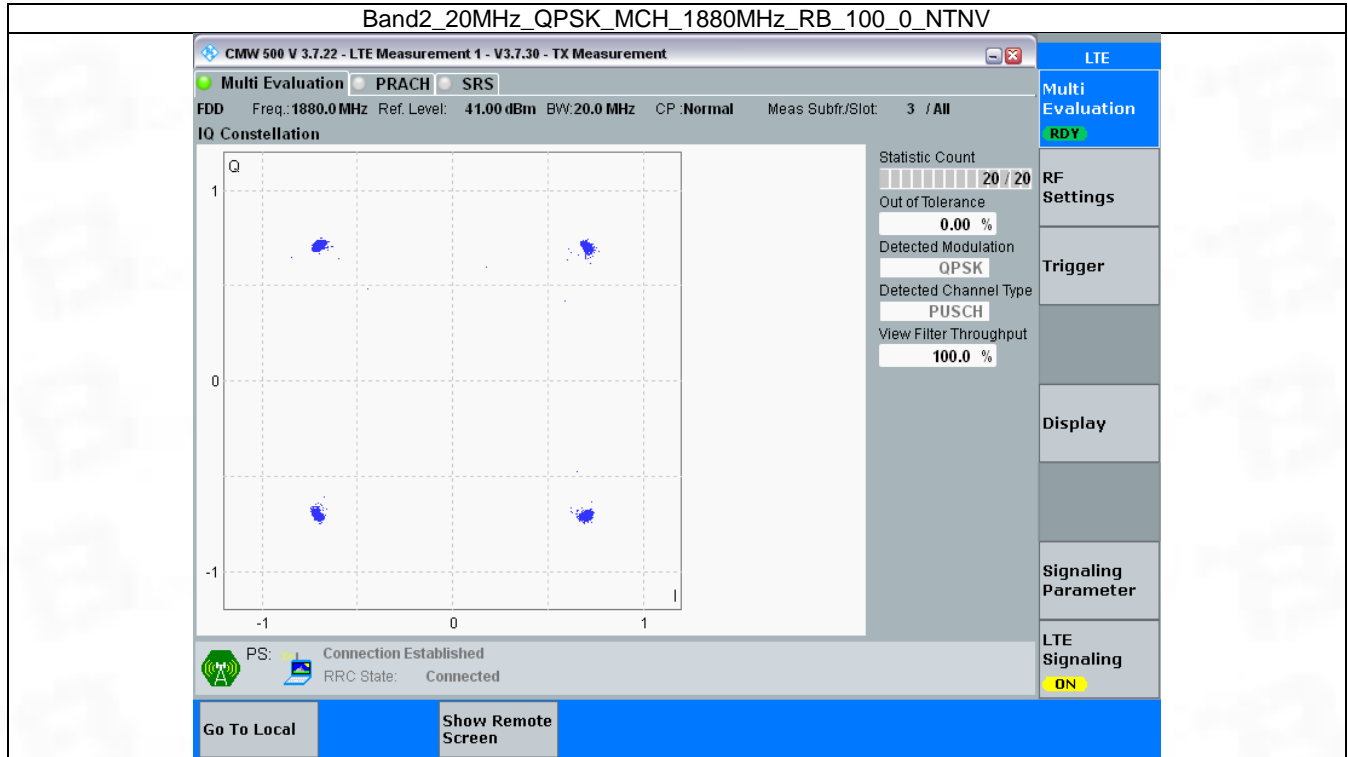


3.6 B2_20MHz

3.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph



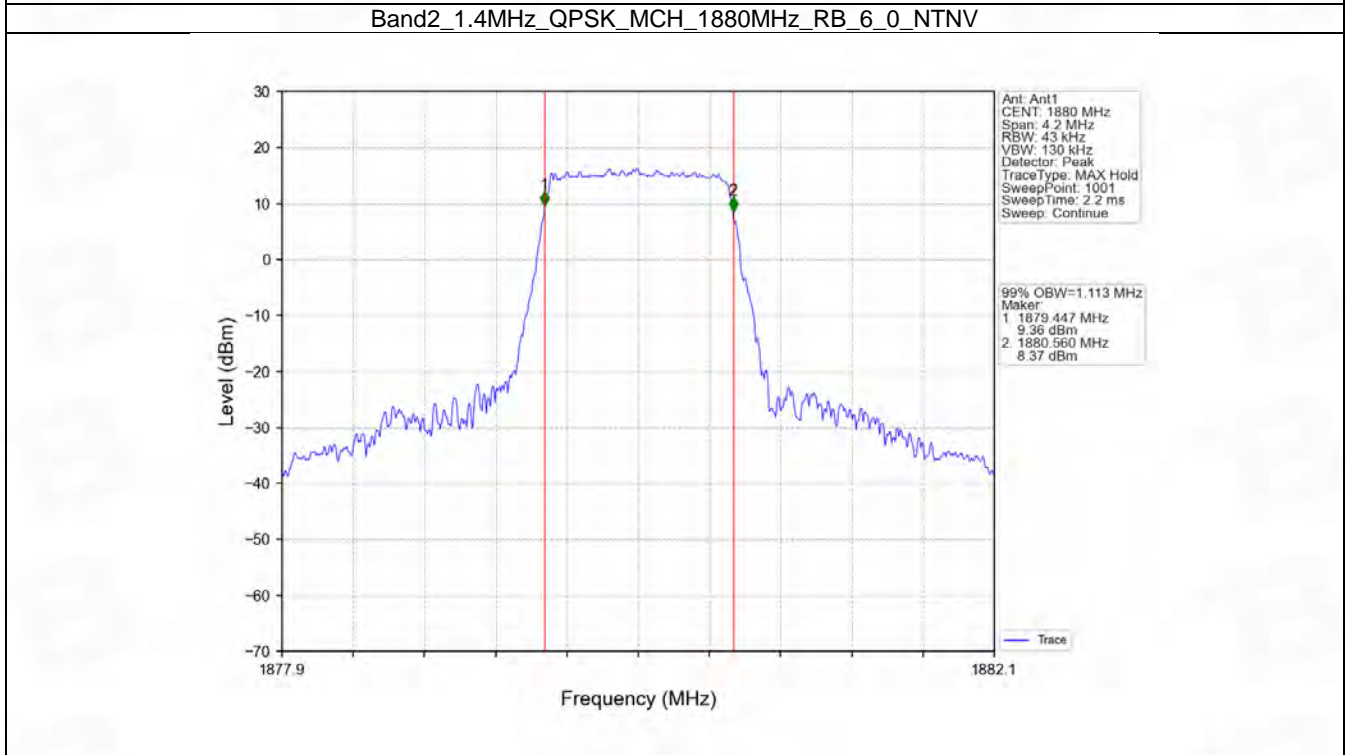
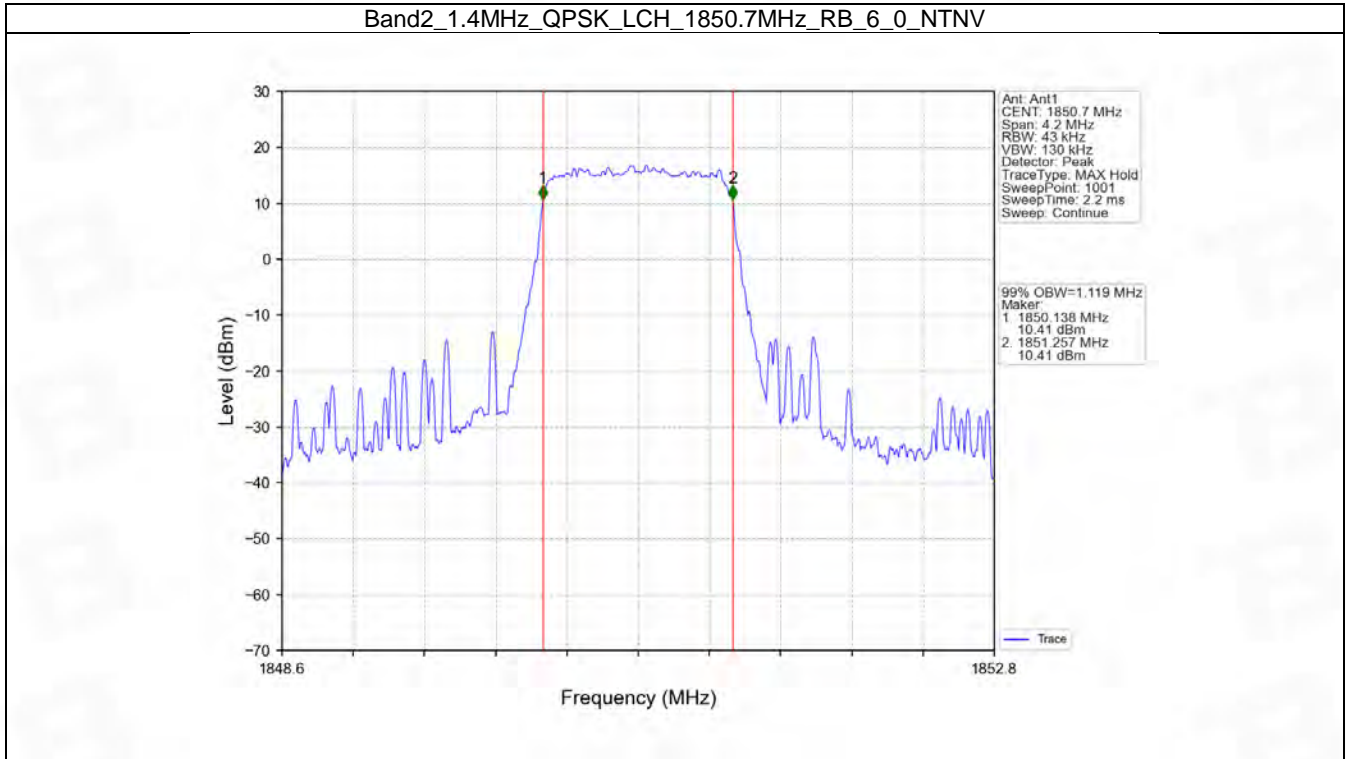
4. 99% & 26dB Bandwidth

4.1 Band2_OBW

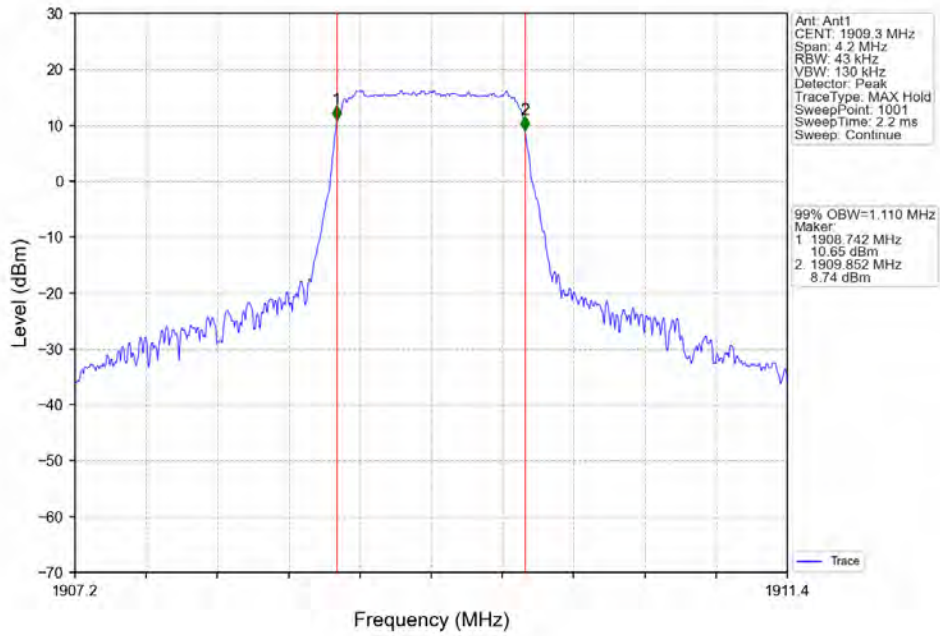
4.1.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.119	Pass
		1880	6	0	1.113	Pass
		1909.3	6	0	1.110	Pass
	16QAM	1850.7	6	0	1.108	Pass
		1880	6	0	1.102	Pass
		1909.3	6	0	1.114	Pass
3	QPSK	1851.5	15	0	2.733	Pass
		1880	15	0	2.726	Pass
		1908.5	15	0	2.731	Pass
	16QAM	1851.5	15	0	2.717	Pass
		1880	15	0	2.727	Pass
		1908.5	15	0	2.719	Pass
5	QPSK	1852.5	25	0	4.560	Pass
		1880	25	0	4.567	Pass
		1907.5	25	0	4.580	Pass
	16QAM	1852.5	25	0	4.573	Pass
		1880	25	0	4.572	Pass
		1907.5	25	0	4.565	Pass
10	QPSK	1855	50	0	9.096	Pass
		1880	50	0	9.064	Pass
		1905	50	0	9.094	Pass
	16QAM	1855	50	0	9.084	Pass
		1880	50	0	9.088	Pass
		1905	50	0	9.083	Pass
15	QPSK	1857.5	75	0	13.655	Pass
		1880	75	0	13.613	Pass
		1902.5	75	0	13.615	Pass
	16QAM	1857.5	75	0	13.691	Pass
		1880	75	0	13.627	Pass
		1902.5	75	0	13.586	Pass
20	QPSK	1860	100	0	18.237	Pass
		1880	100	0	18.144	Pass
		1900	100	0	18.192	Pass
	16QAM	1860	100	0	18.251	Pass
		1880	100	0	18.173	Pass
		1900	100	0	18.213	Pass

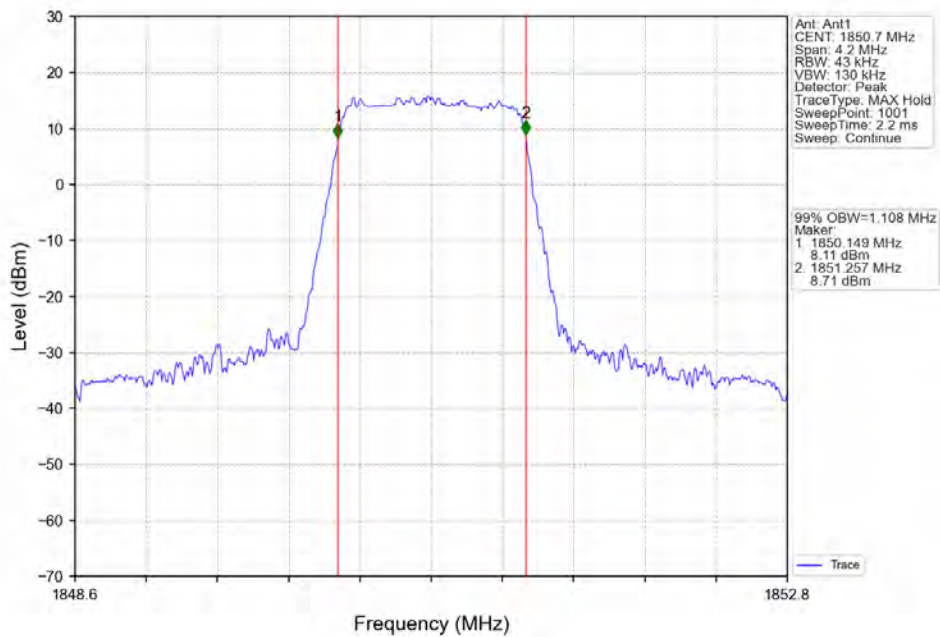
4.1.2 Test Graph



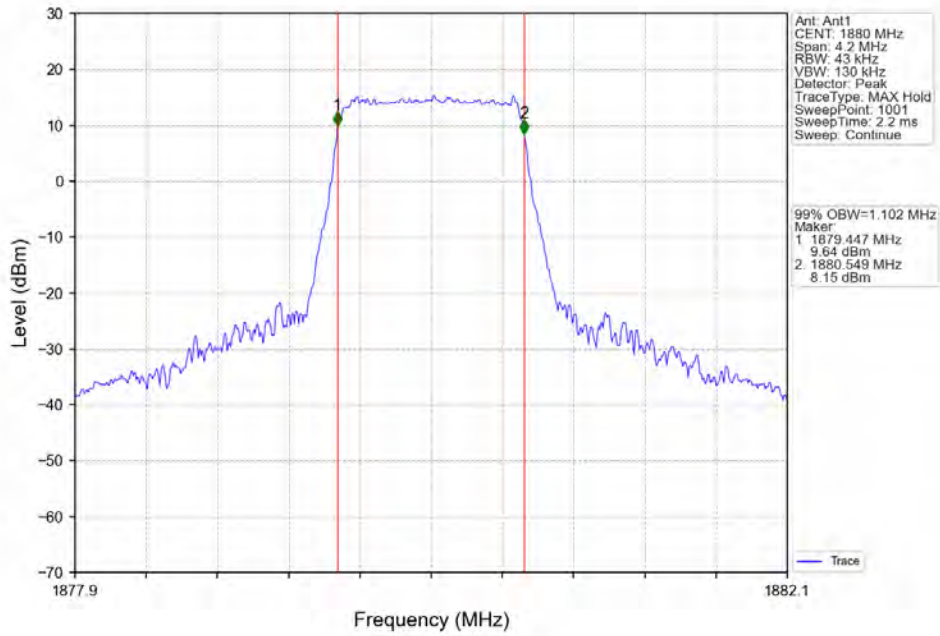
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



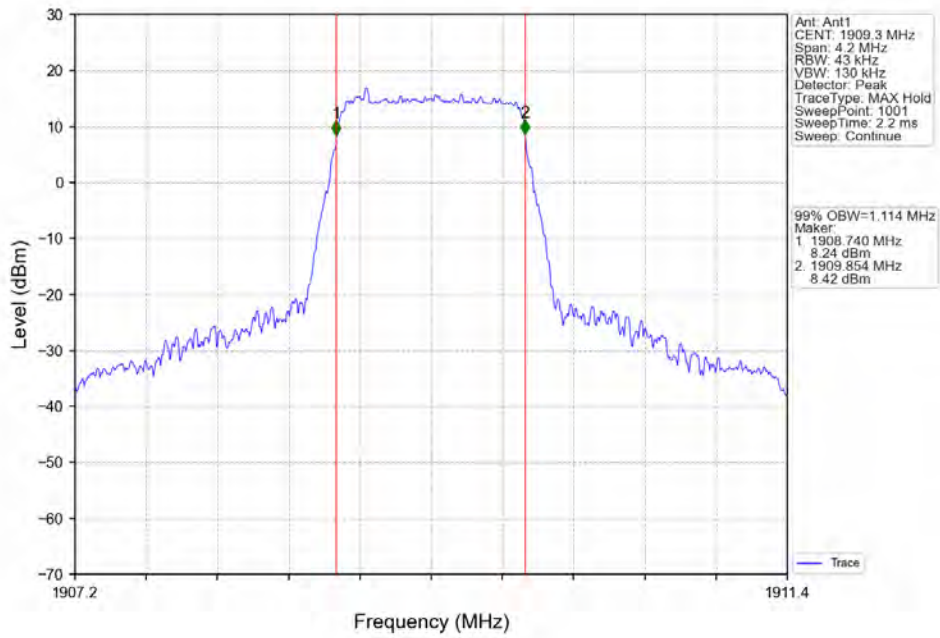
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



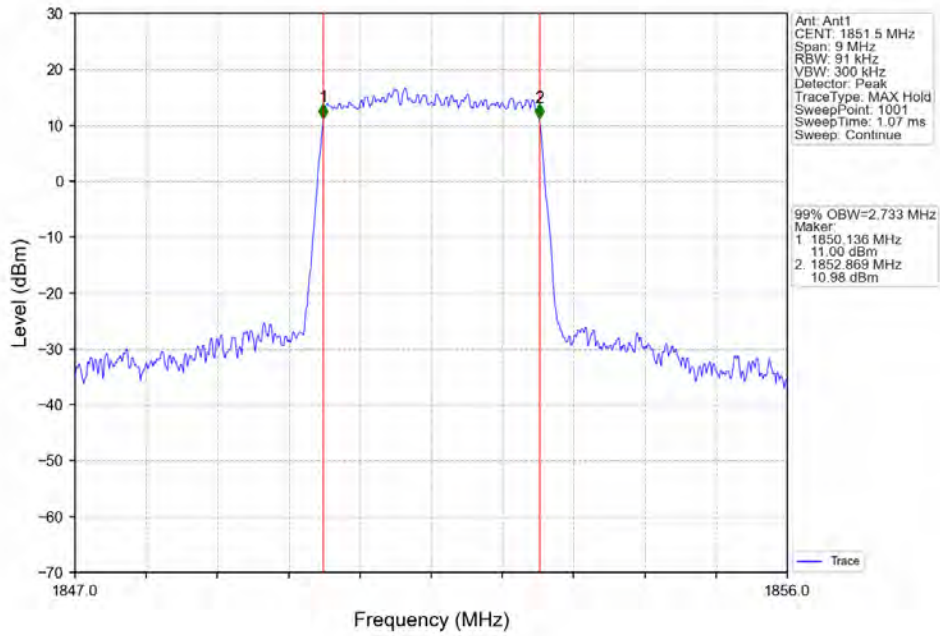
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



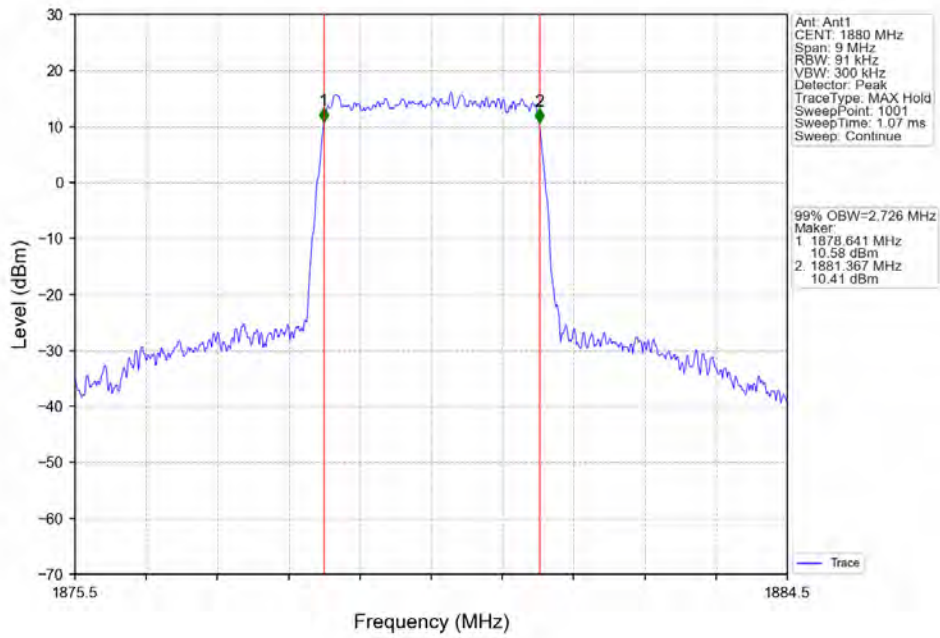
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



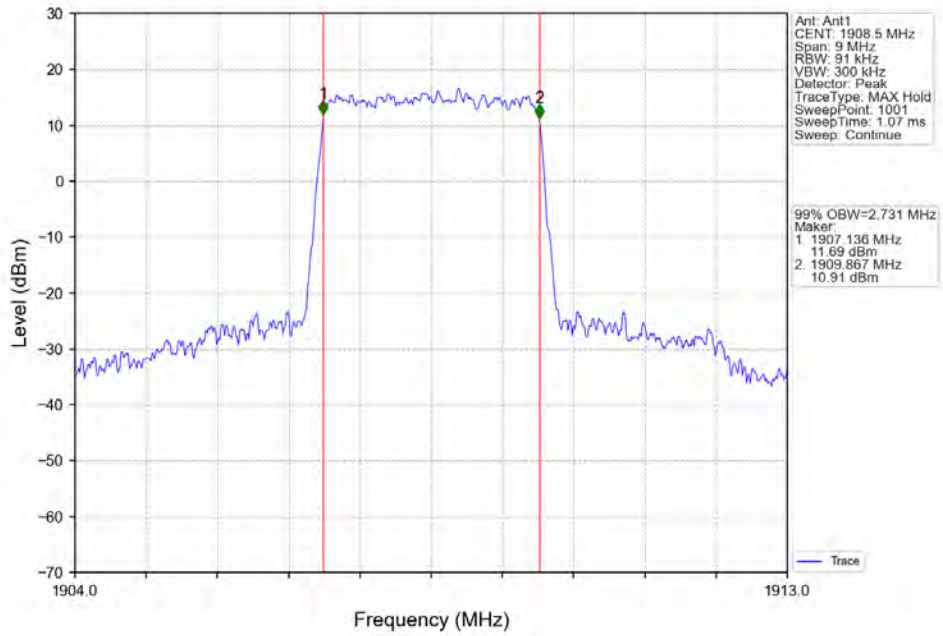
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



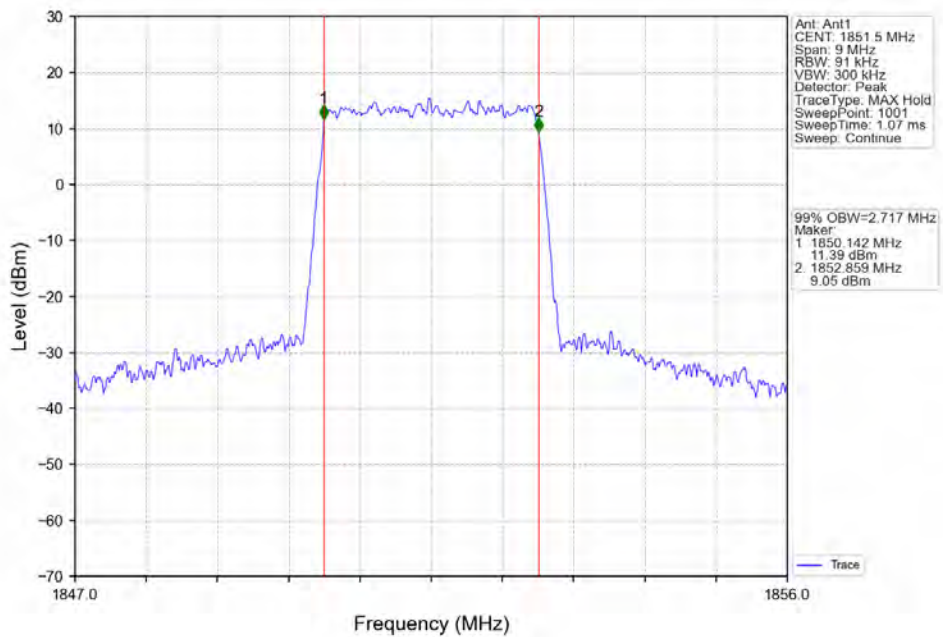
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



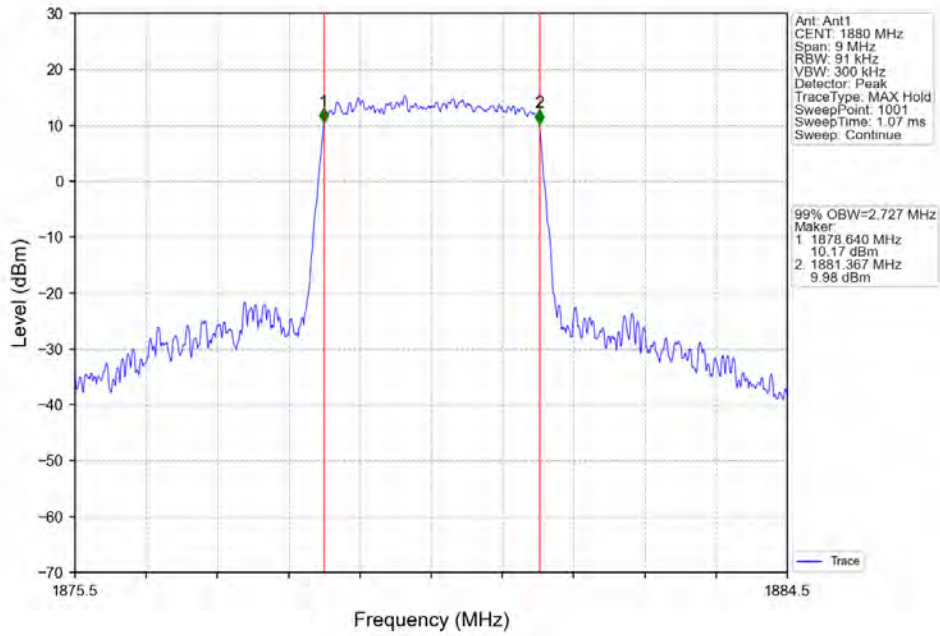
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



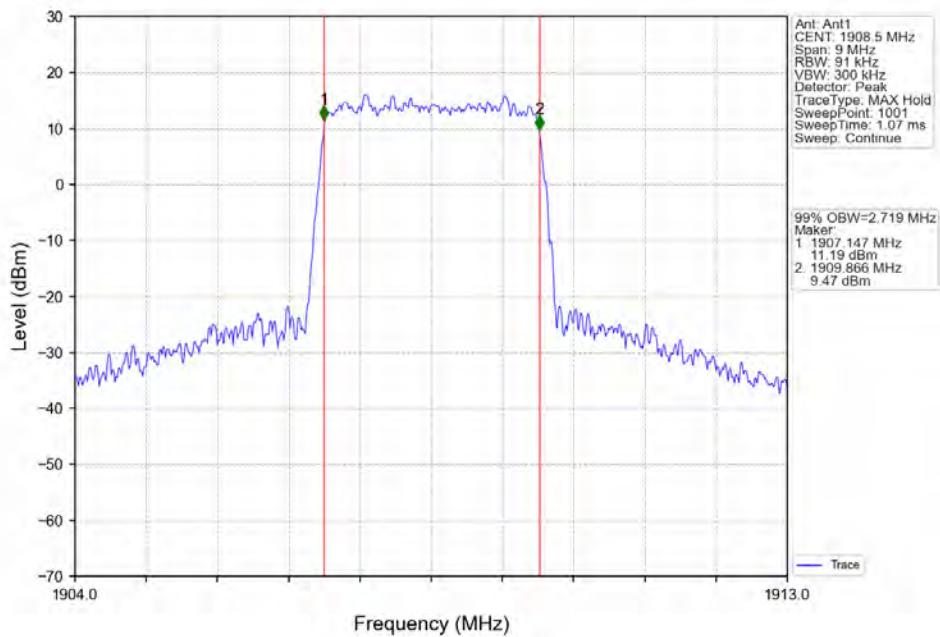
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



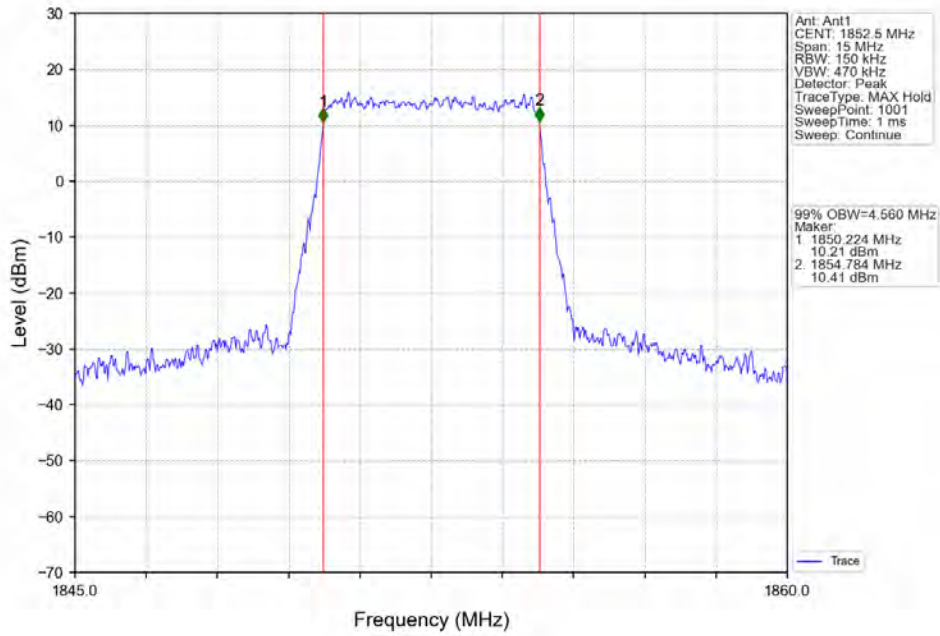
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



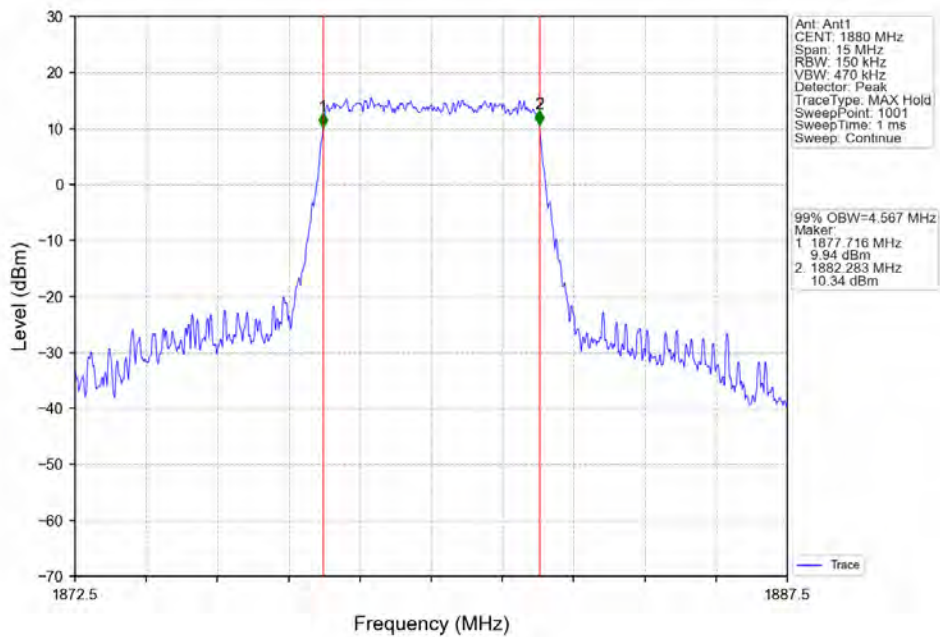
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



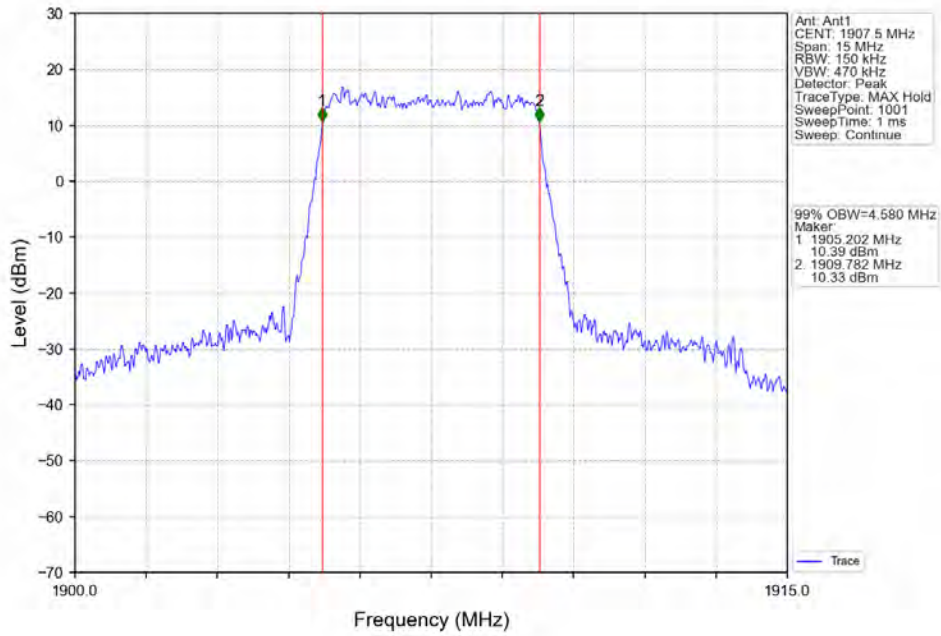
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



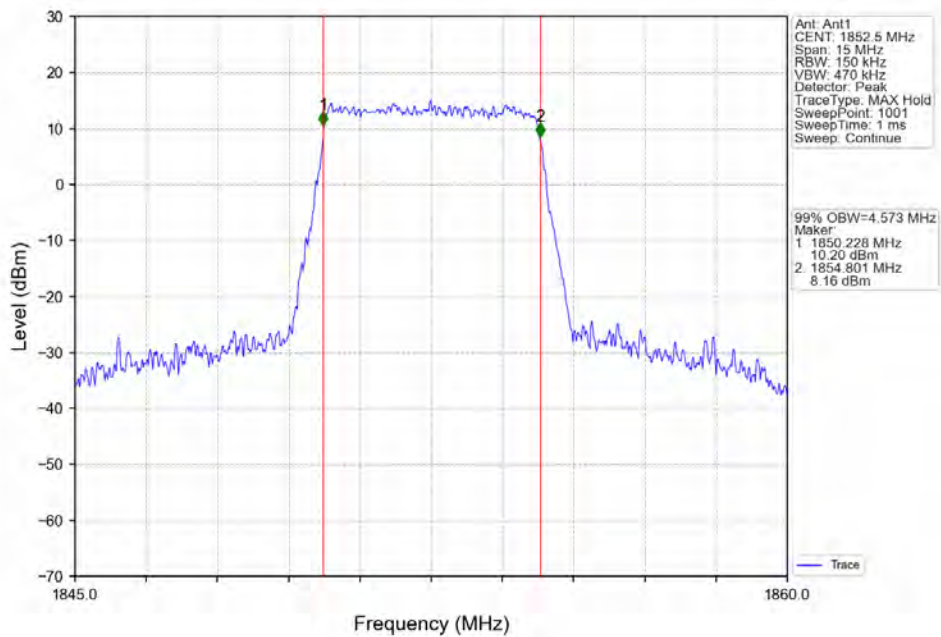
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



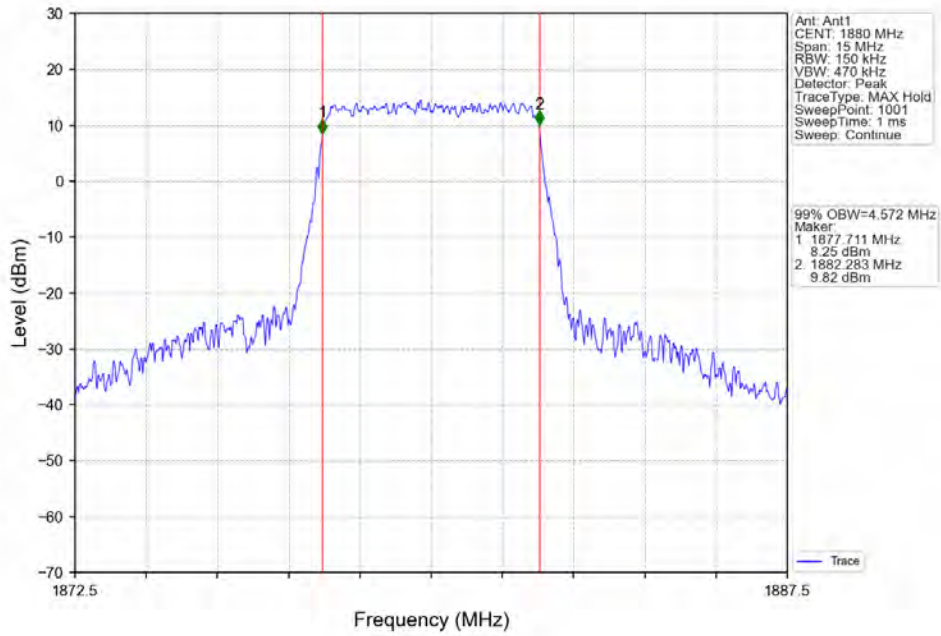
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



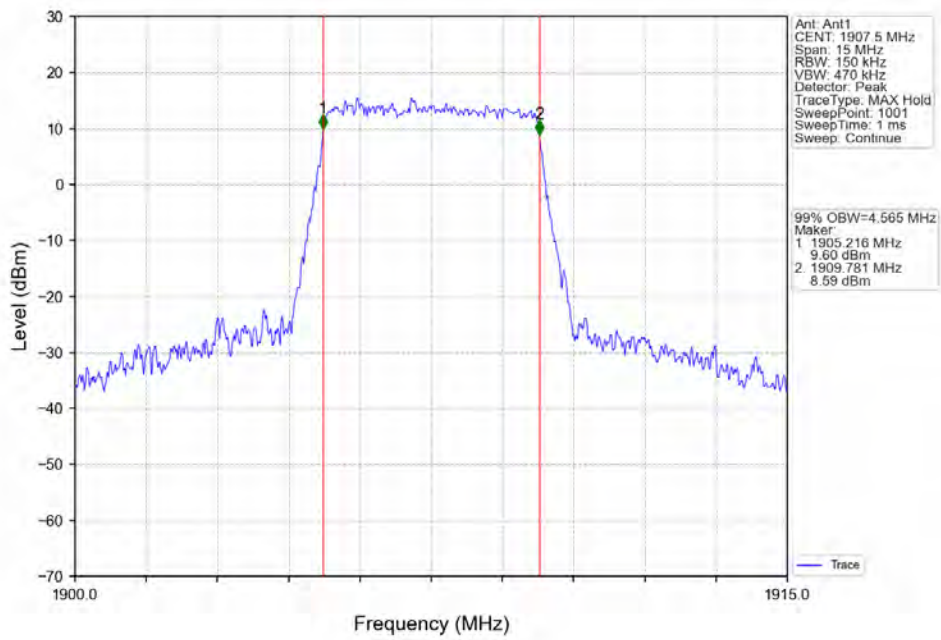
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



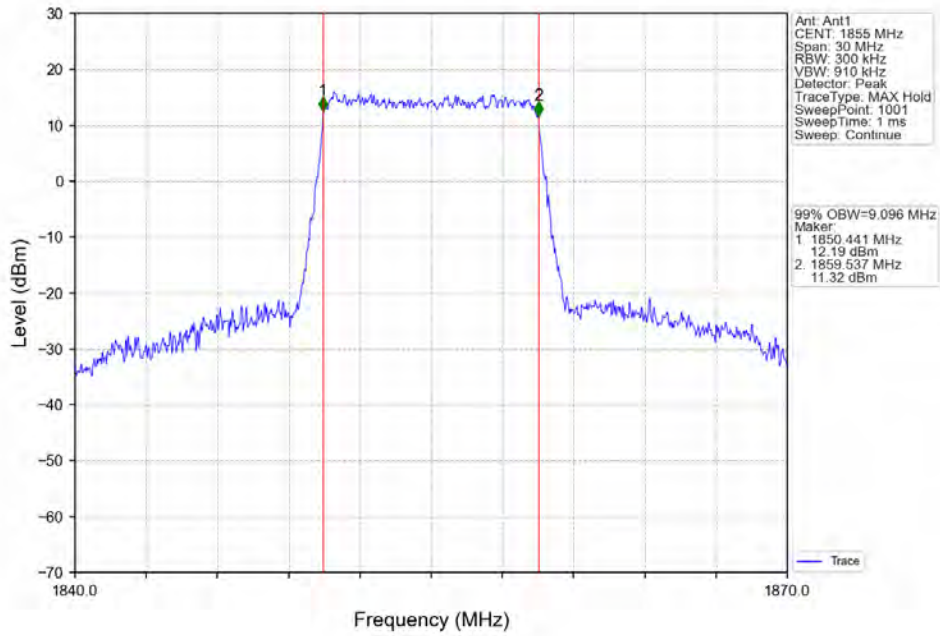
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



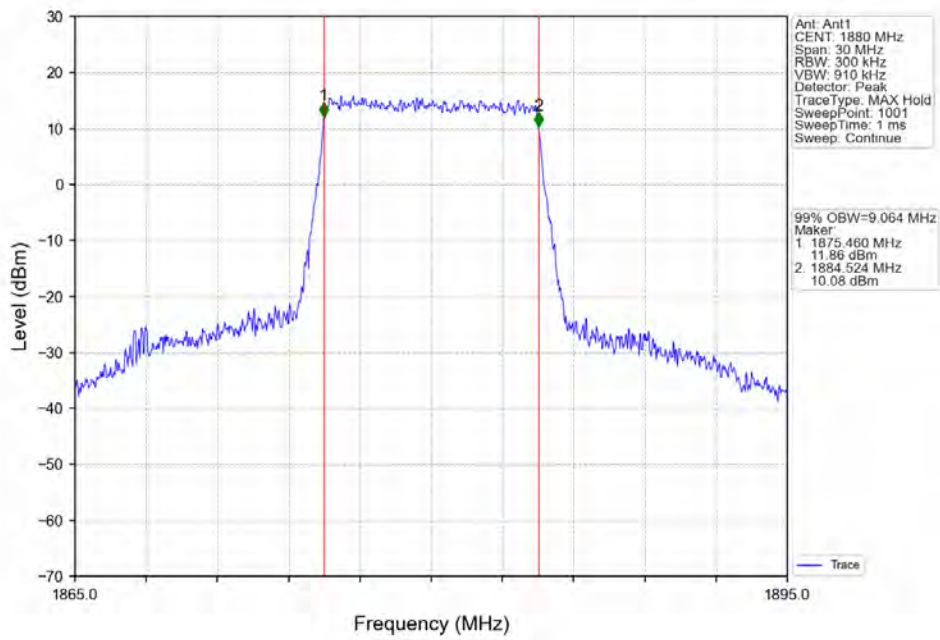
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



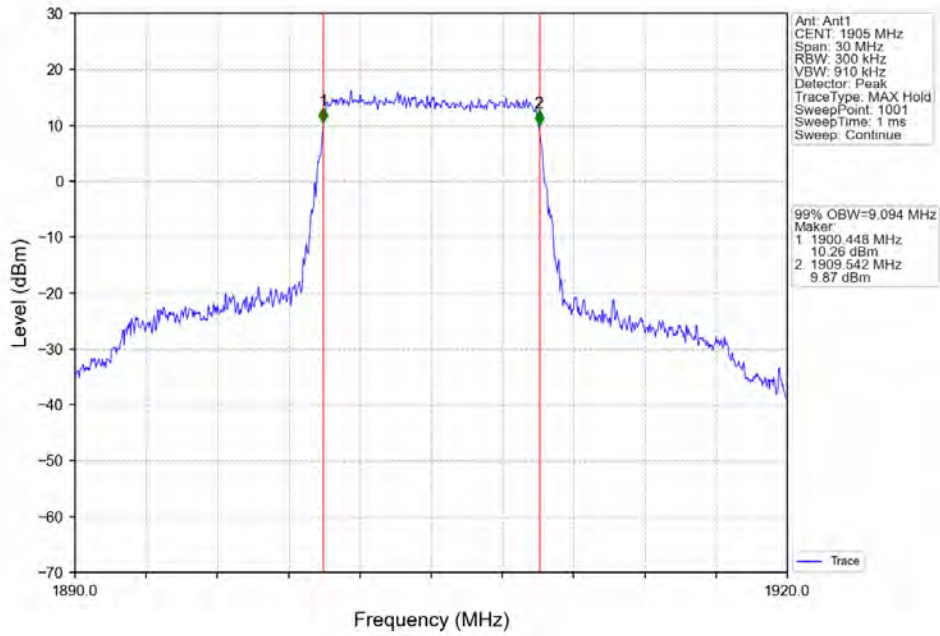
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



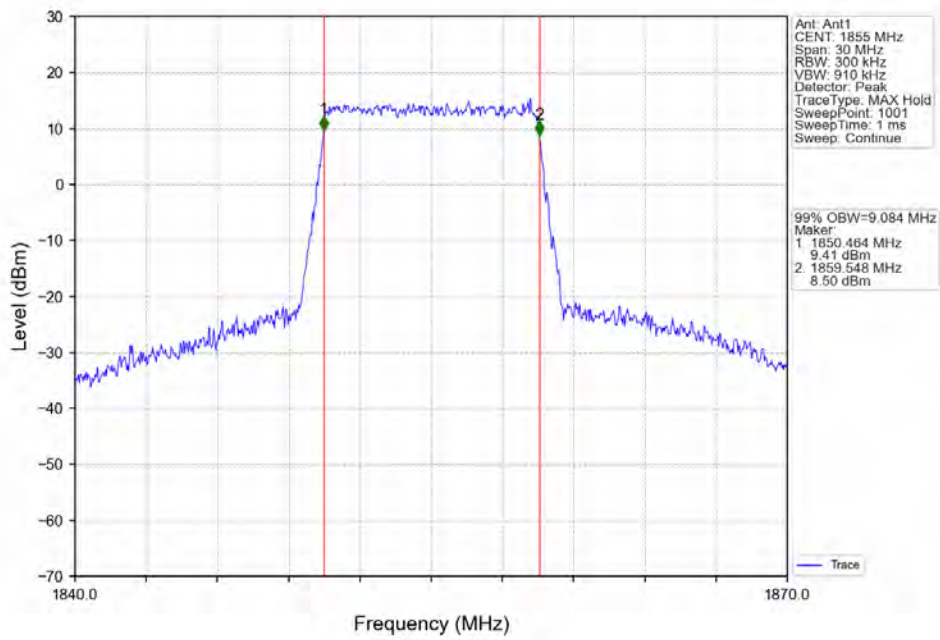
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



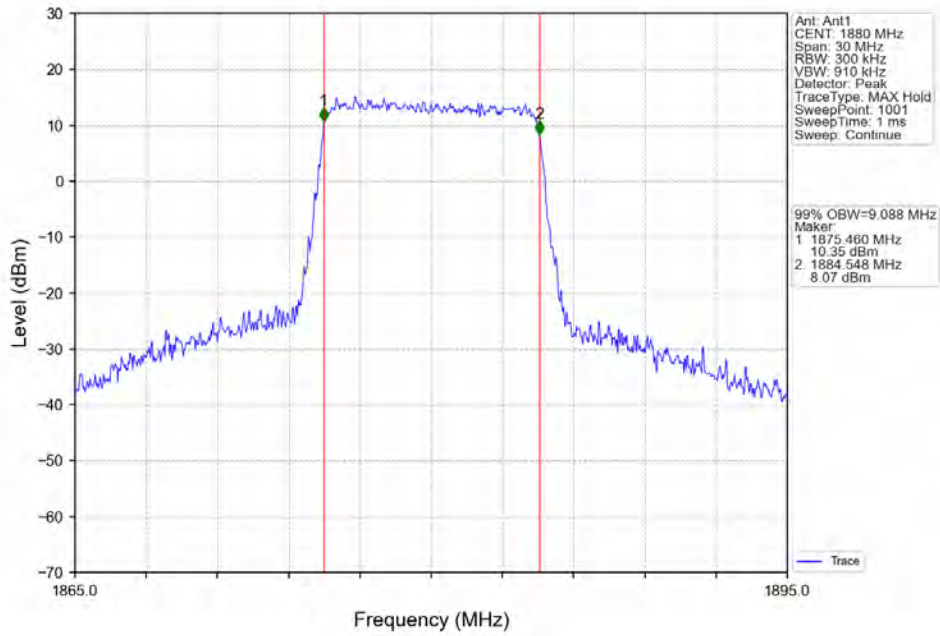
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



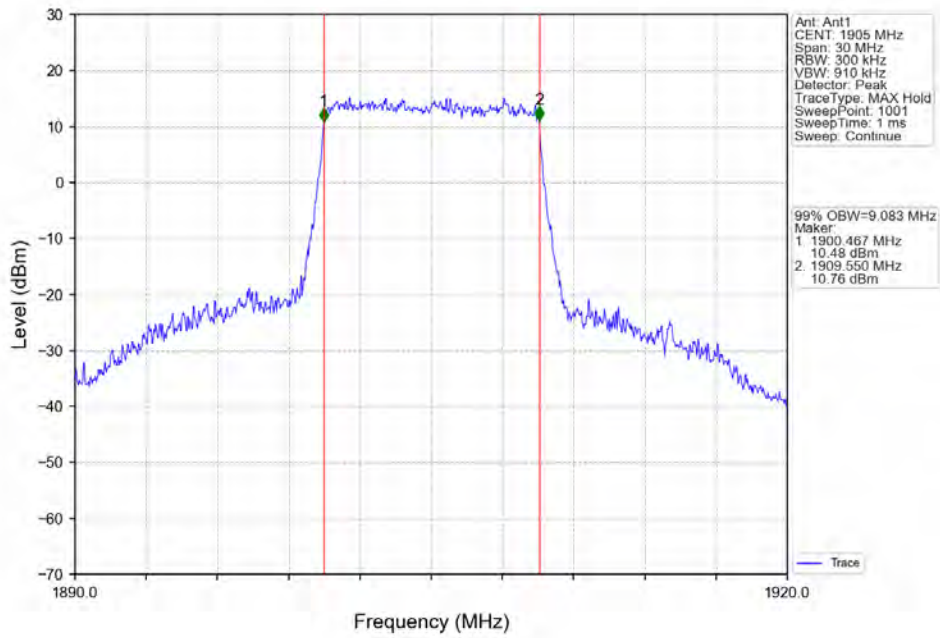
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



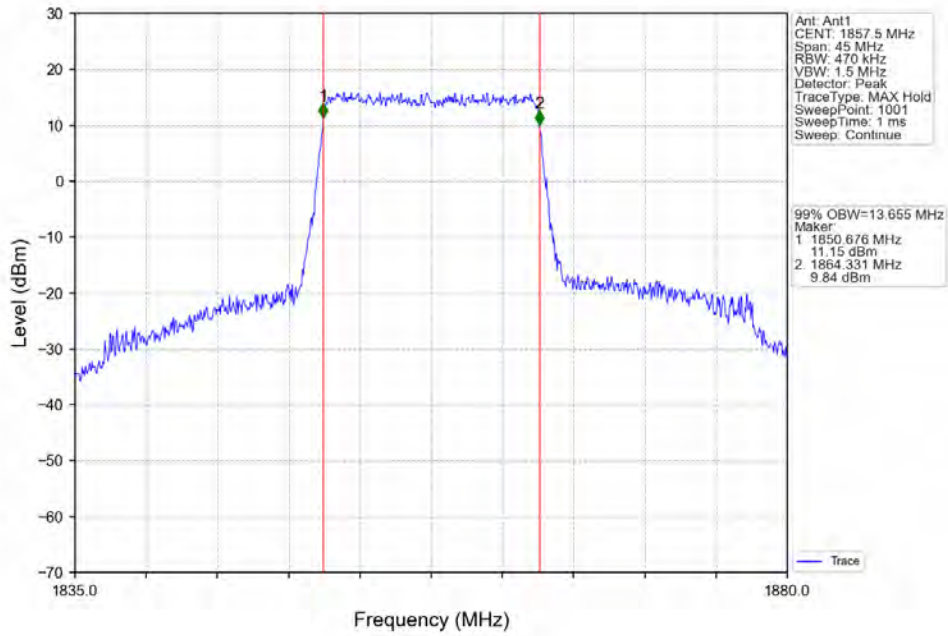
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



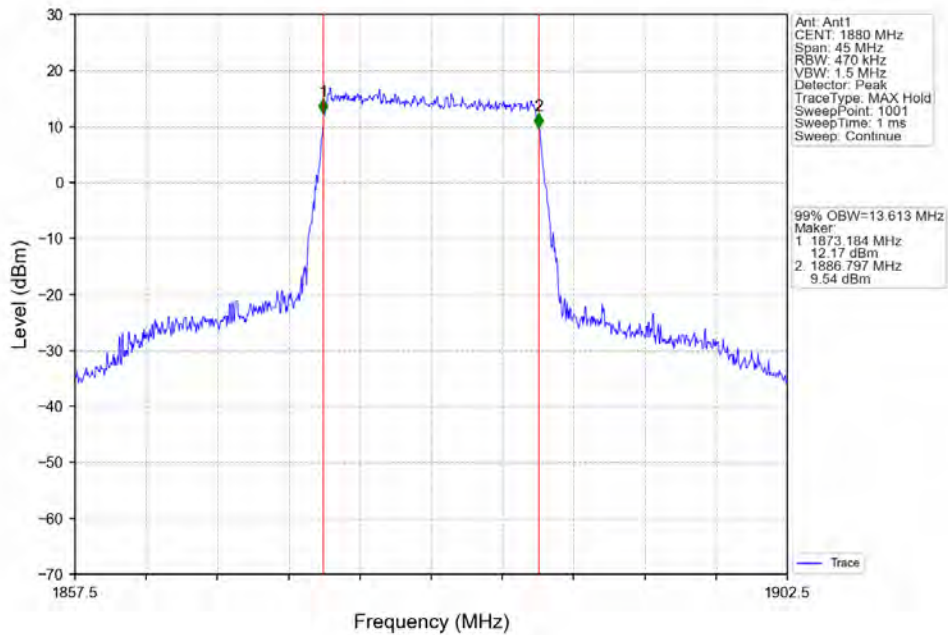
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



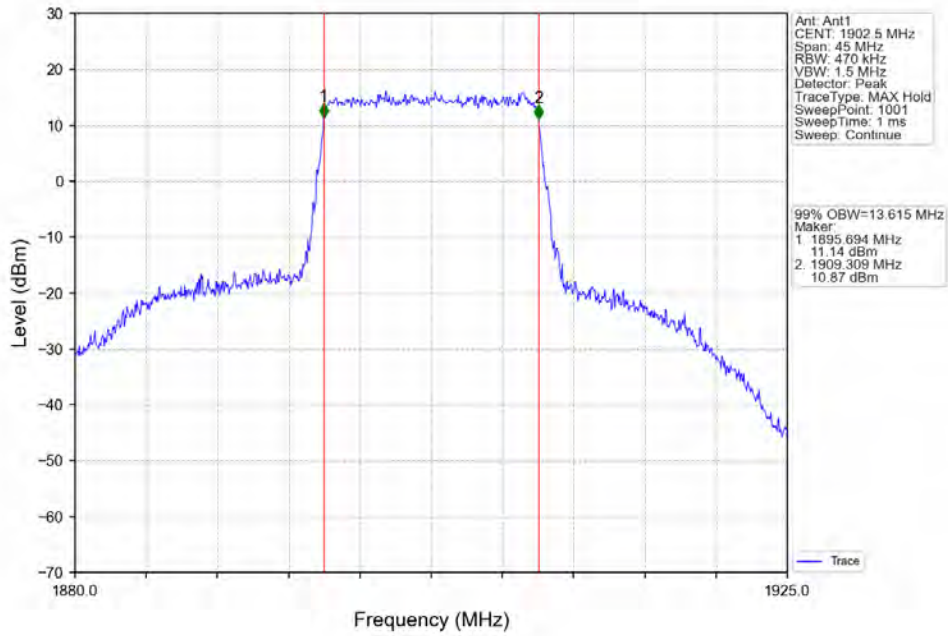
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



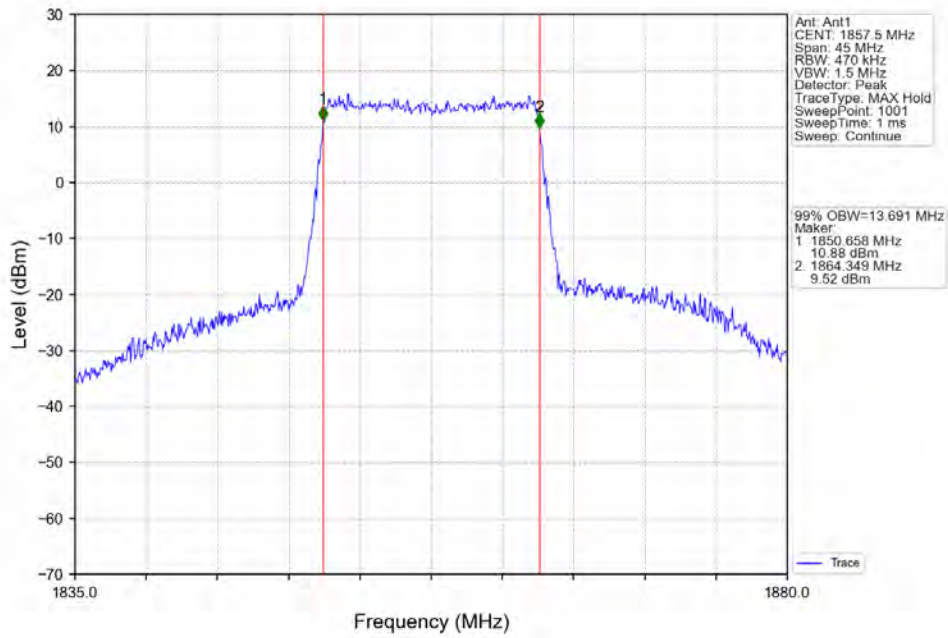
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



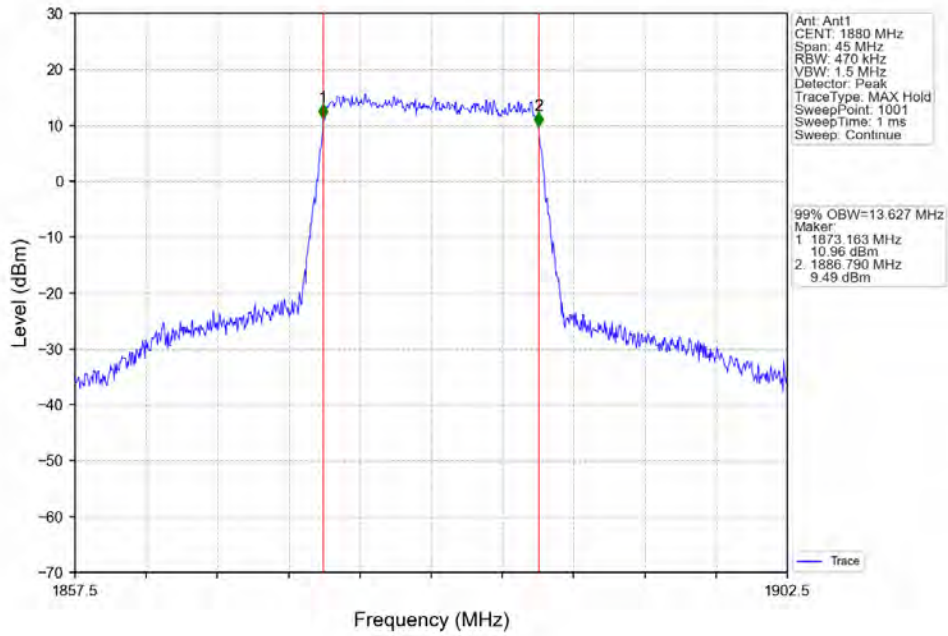
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



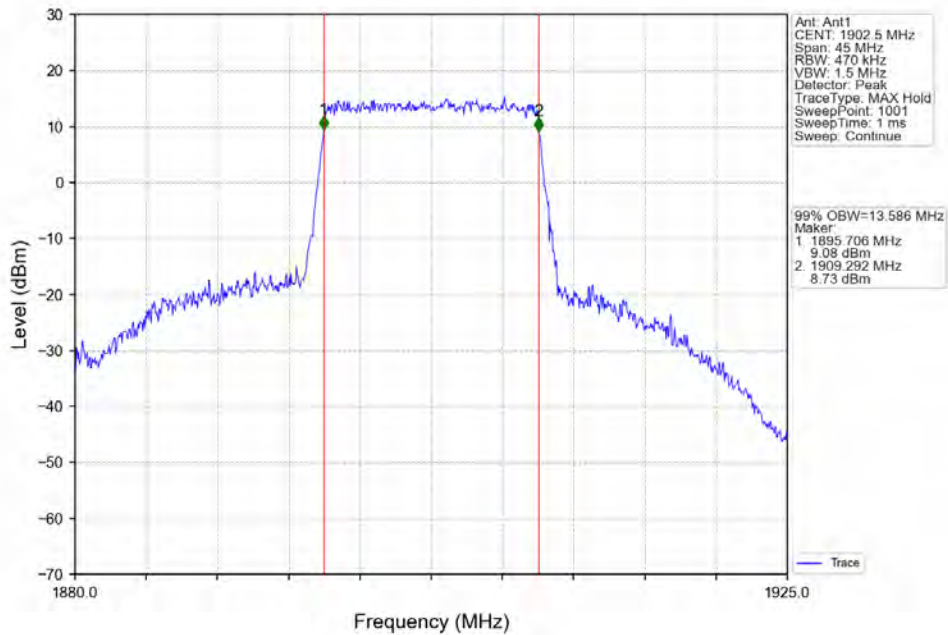
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



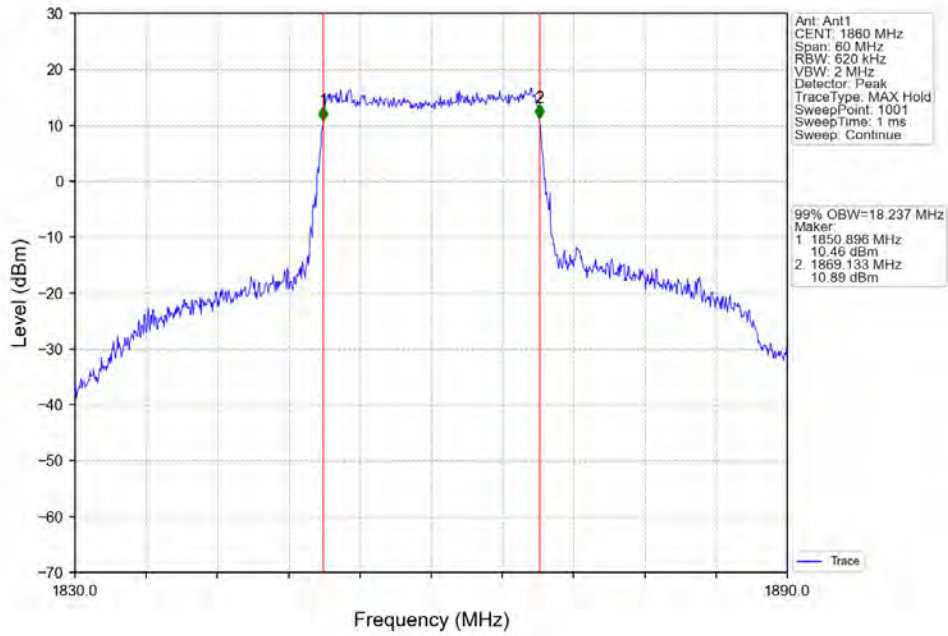
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



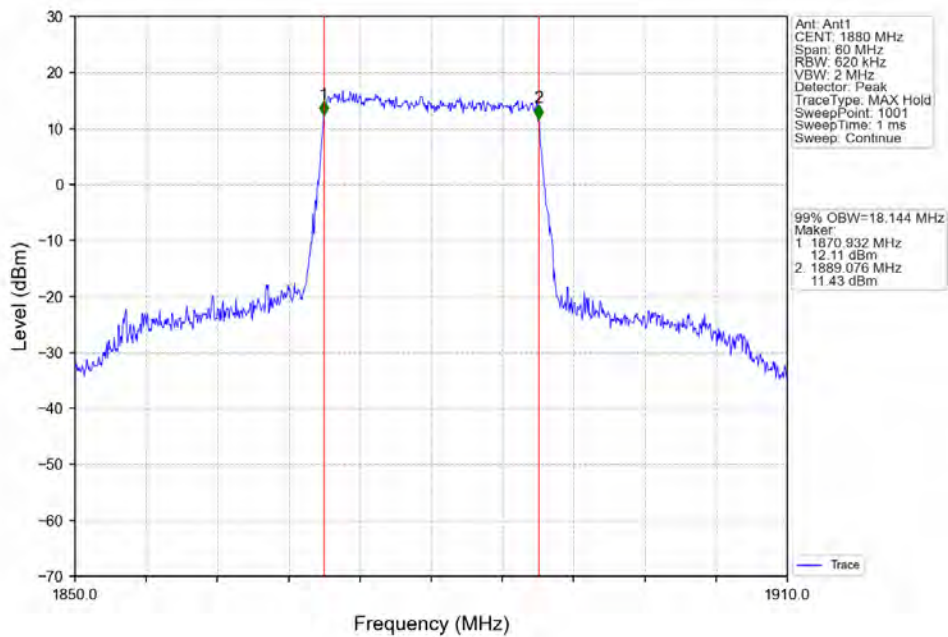
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



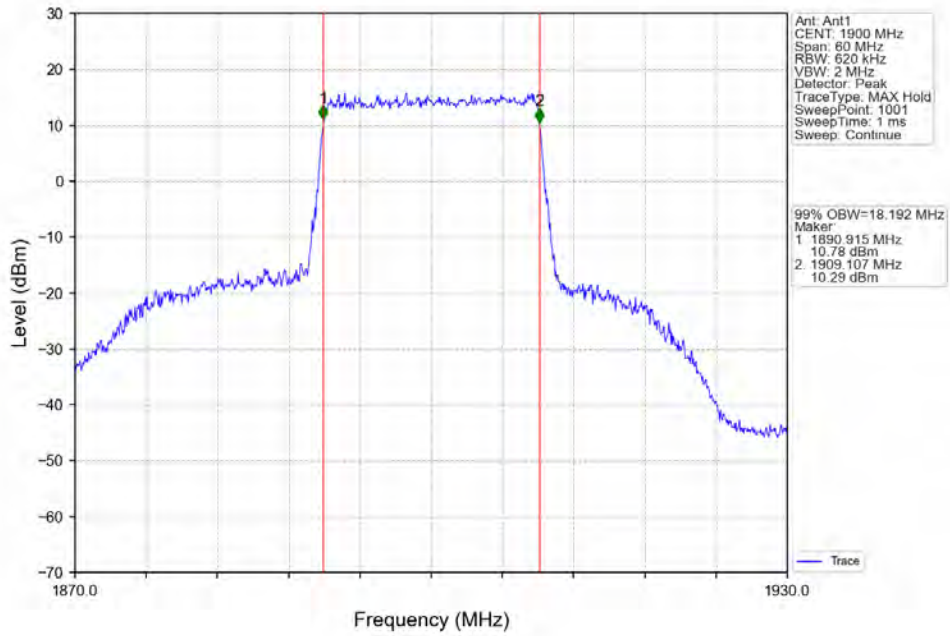
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



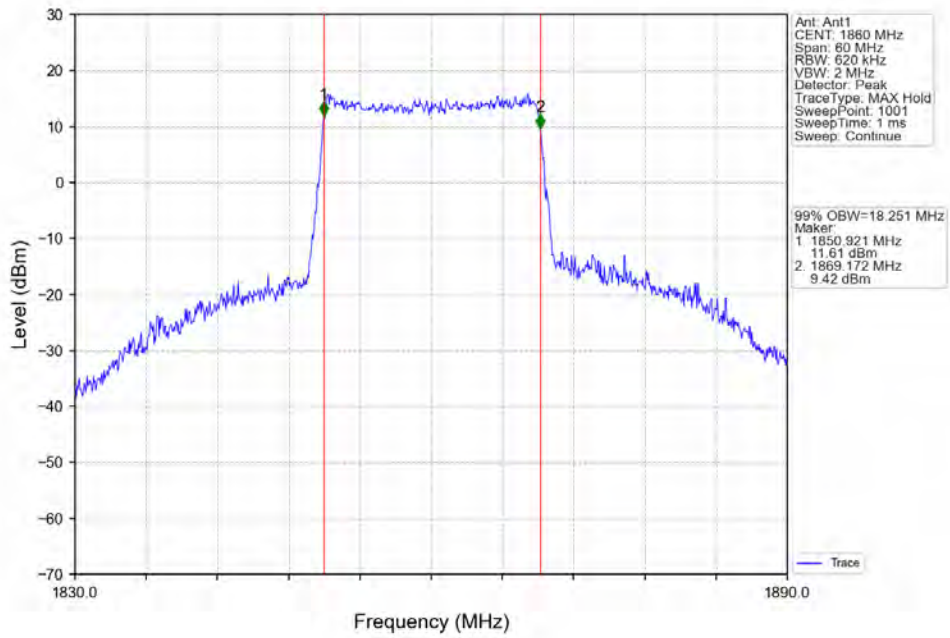
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



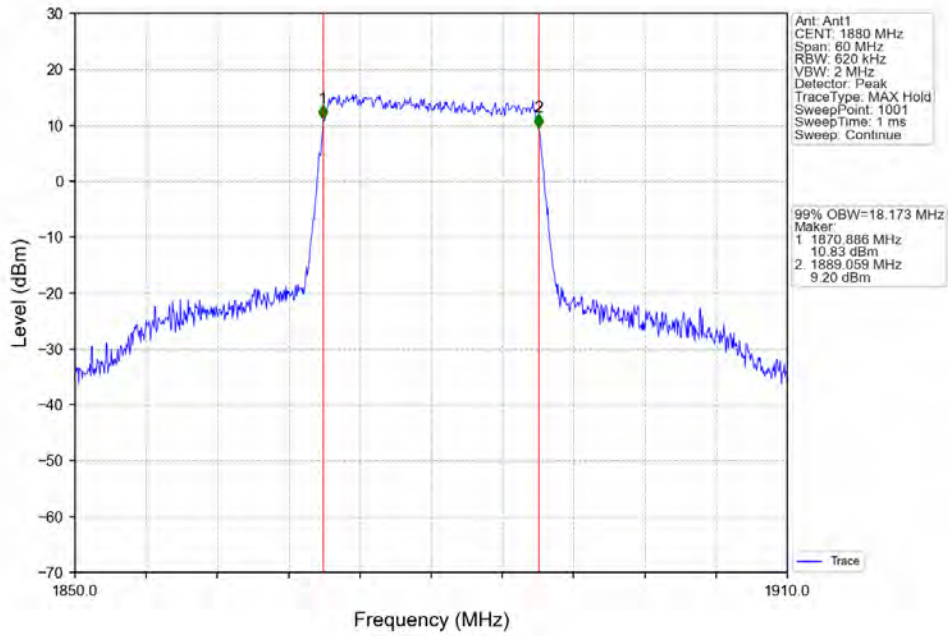
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



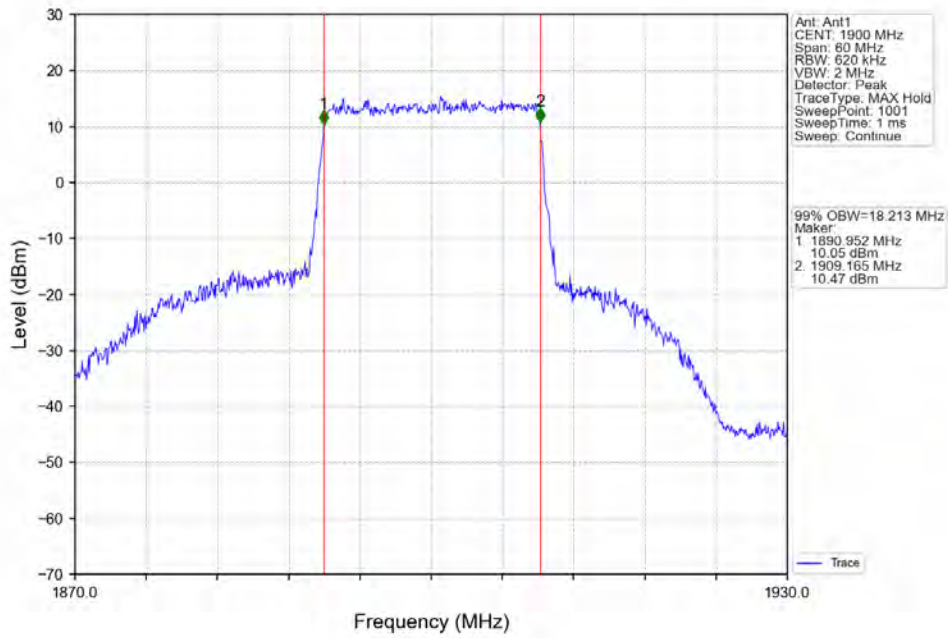
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV

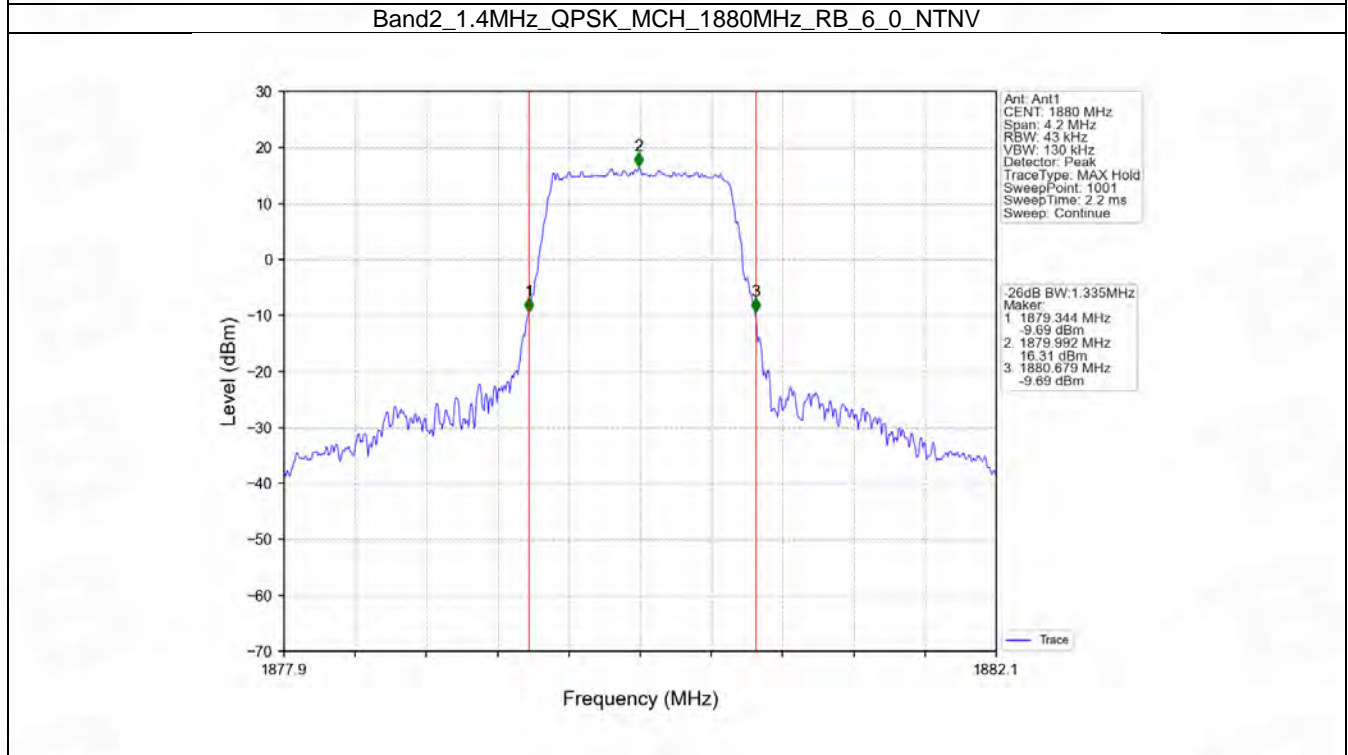
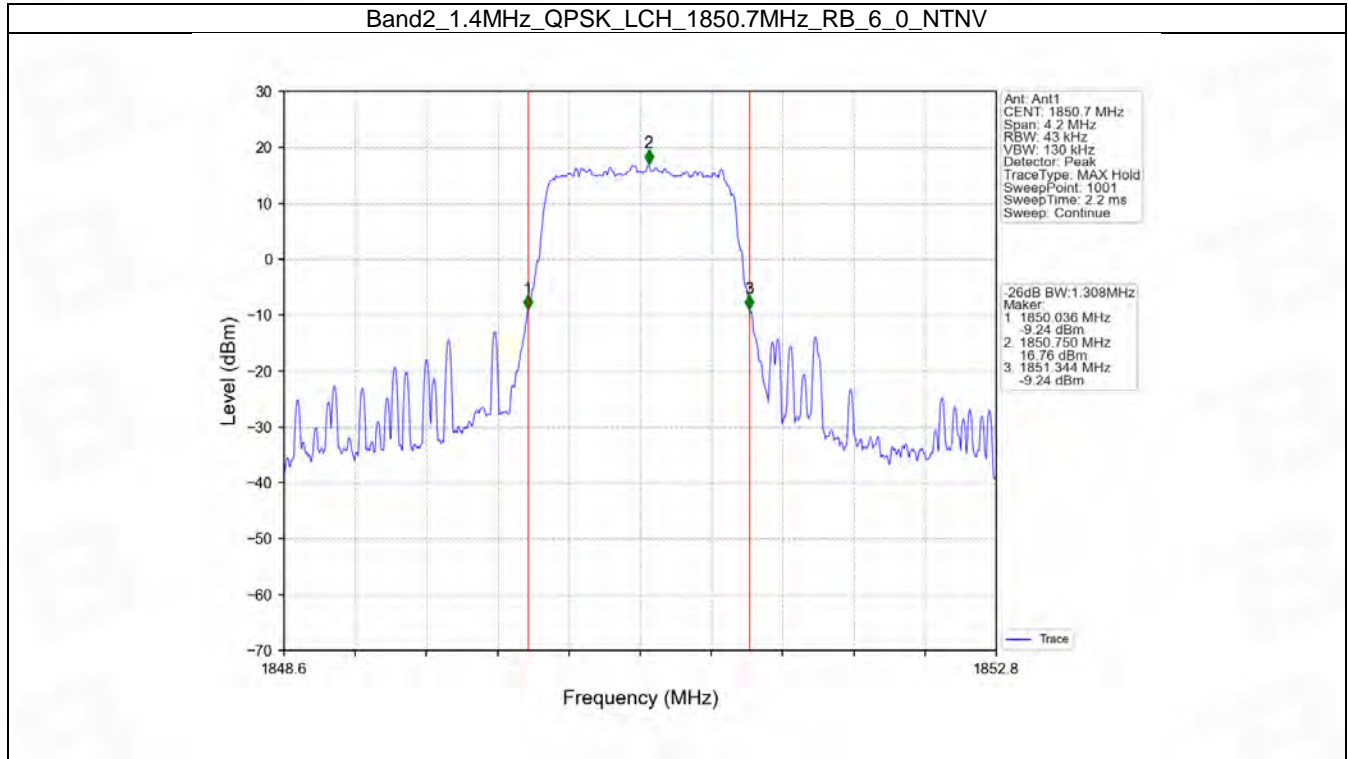


4.2 Band2_XDB

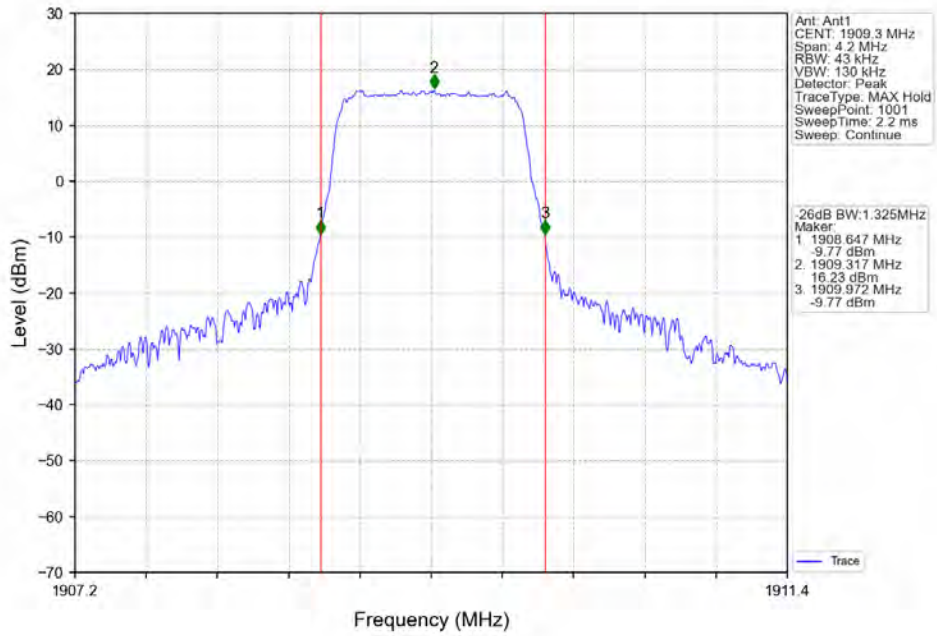
4.2.1 Test Result

Band: 2 / NTN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.308	Pass
		1880	6	0	1.335	Pass
		1909.3	6	0	1.325	Pass
	16QAM	1850.7	6	0	1.316	Pass
		1880	6	0	1.315	Pass
		1909.3	6	0	1.332	Pass
3	QPSK	1851.5	15	0	2.991	Pass
		1880	15	0	3.002	Pass
		1908.5	15	0	2.989	Pass
	16QAM	1851.5	15	0	2.990	Pass
		1880	15	0	2.999	Pass
		1908.5	15	0	2.982	Pass
5	QPSK	1852.5	25	0	5.246	Pass
		1880	25	0	5.276	Pass
		1907.5	25	0	5.223	Pass
	16QAM	1852.5	25	0	5.294	Pass
		1880	25	0	5.305	Pass
		1907.5	25	0	5.284	Pass
10	QPSK	1855	50	0	10.265	Pass
		1880	50	0	10.233	Pass
		1905	50	0	10.268	Pass
	16QAM	1855	50	0	10.334	Pass
		1880	50	0	10.214	Pass
		1905	50	0	10.241	Pass
15	QPSK	1857.5	75	0	15.477	Pass
		1880	75	0	15.420	Pass
		1902.5	75	0	15.213	Pass
	16QAM	1857.5	75	0	15.281	Pass
		1880	75	0	15.307	Pass
		1902.5	75	0	15.350	Pass
20	QPSK	1860	100	0	20.329	Pass
		1880	100	0	20.176	Pass
		1900	100	0	20.182	Pass
	16QAM	1860	100	0	20.192	Pass
		1880	100	0	20.133	Pass
		1900	100	0	20.010	Pass

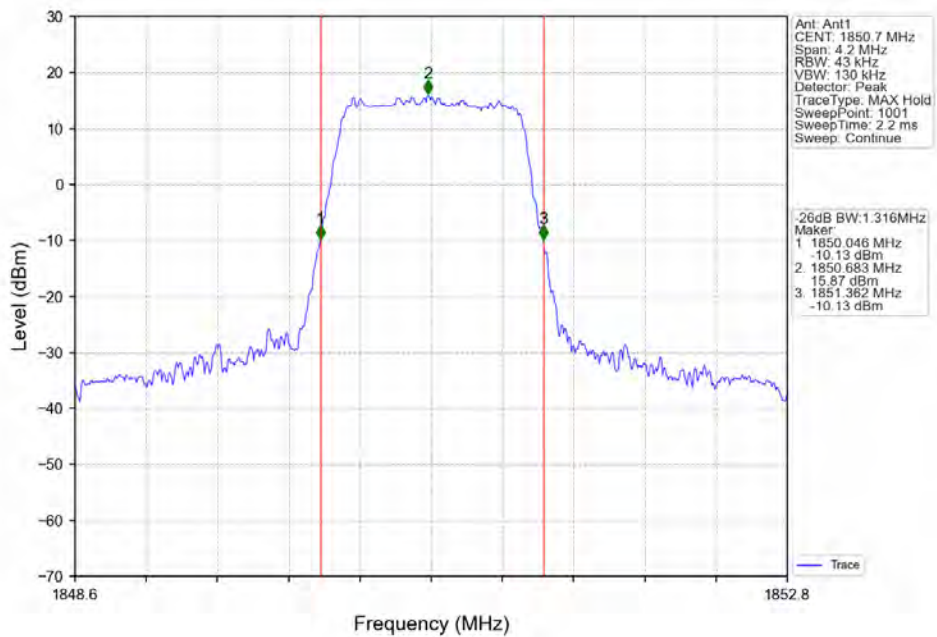
4.2.2 Test Graph



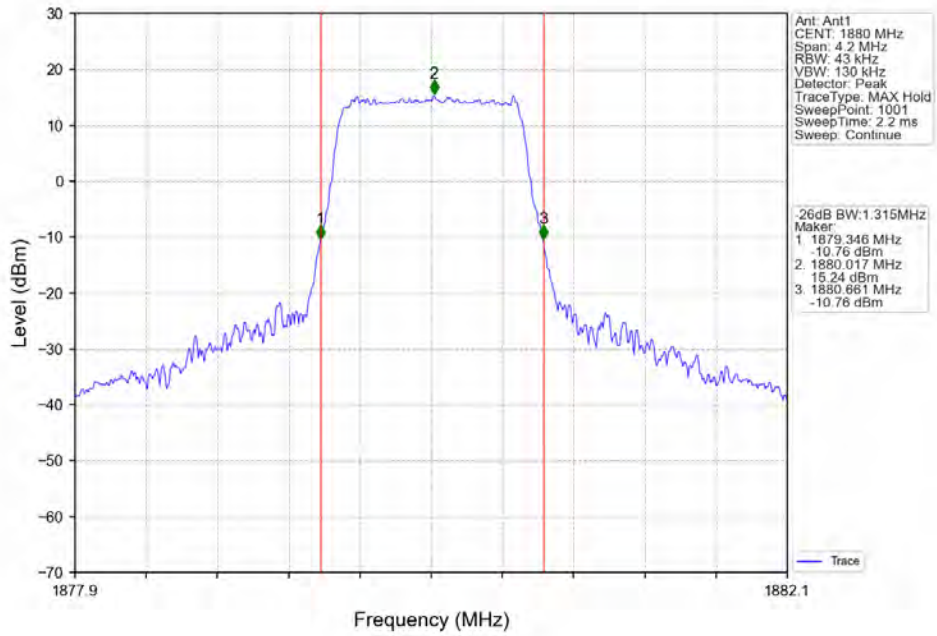
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



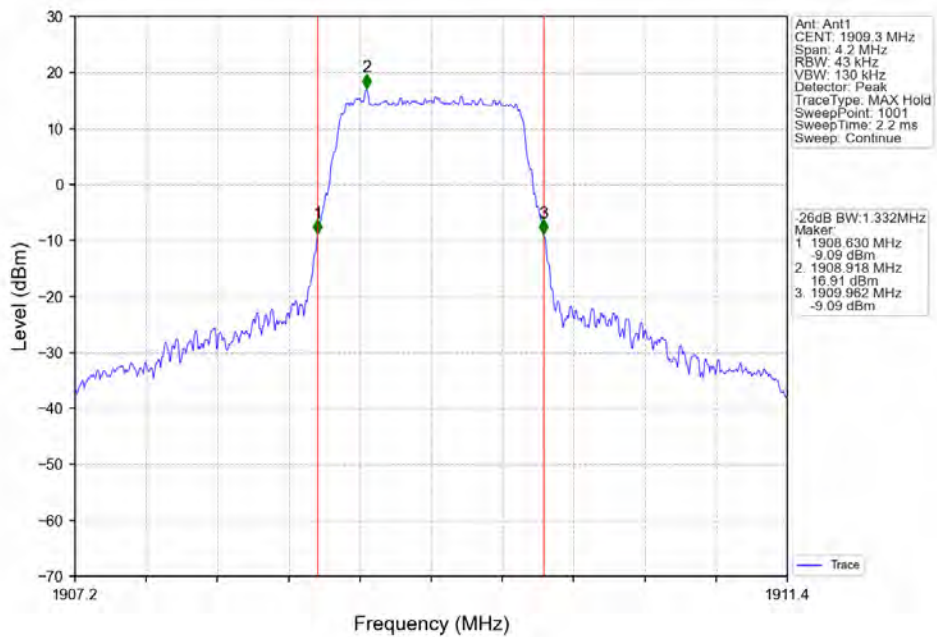
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



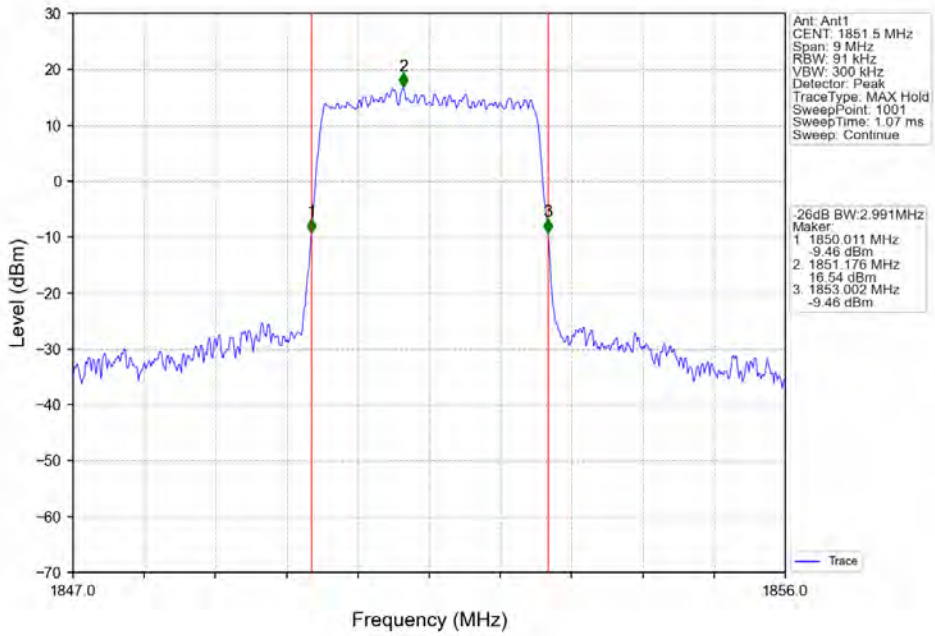
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



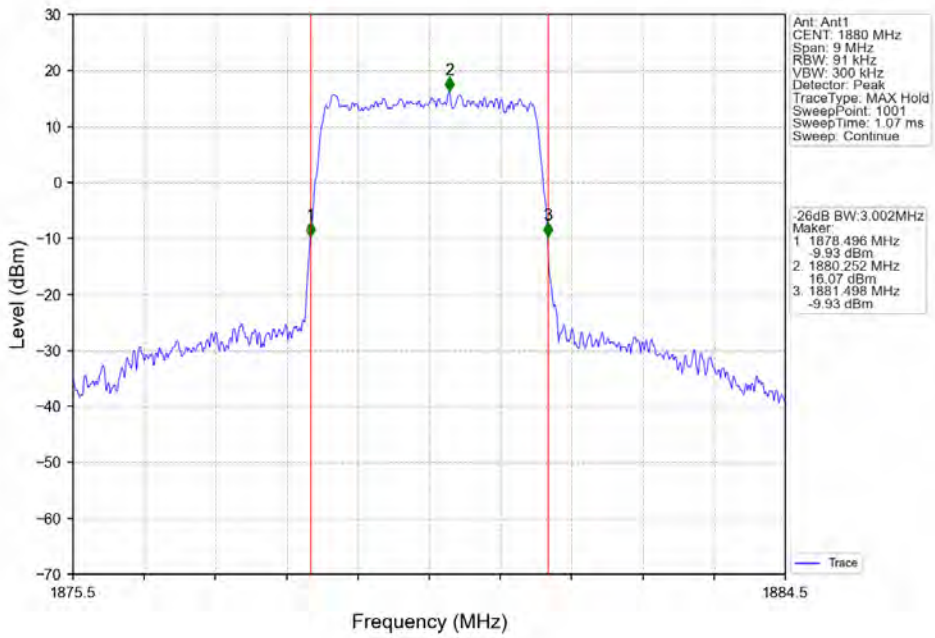
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



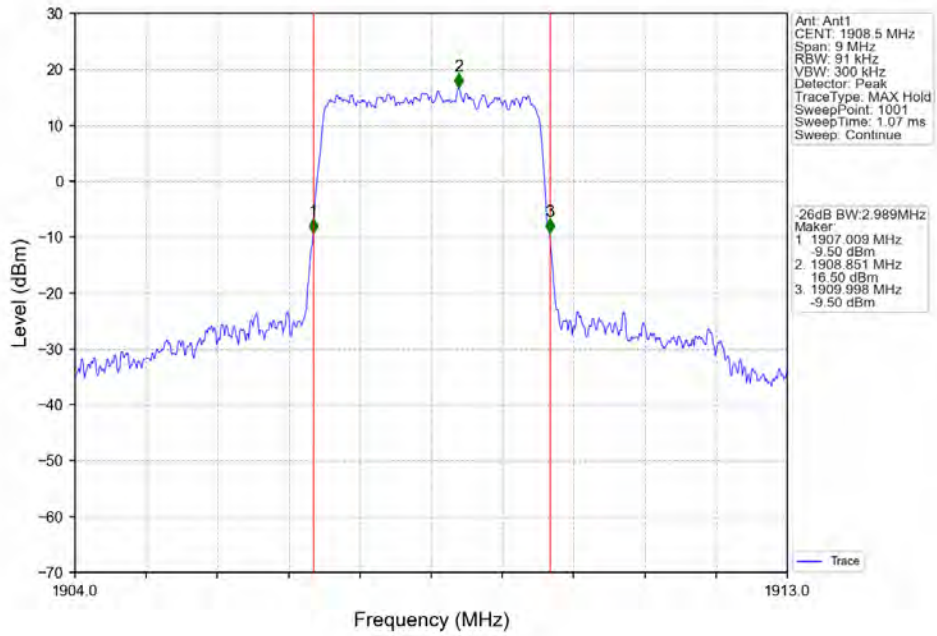
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



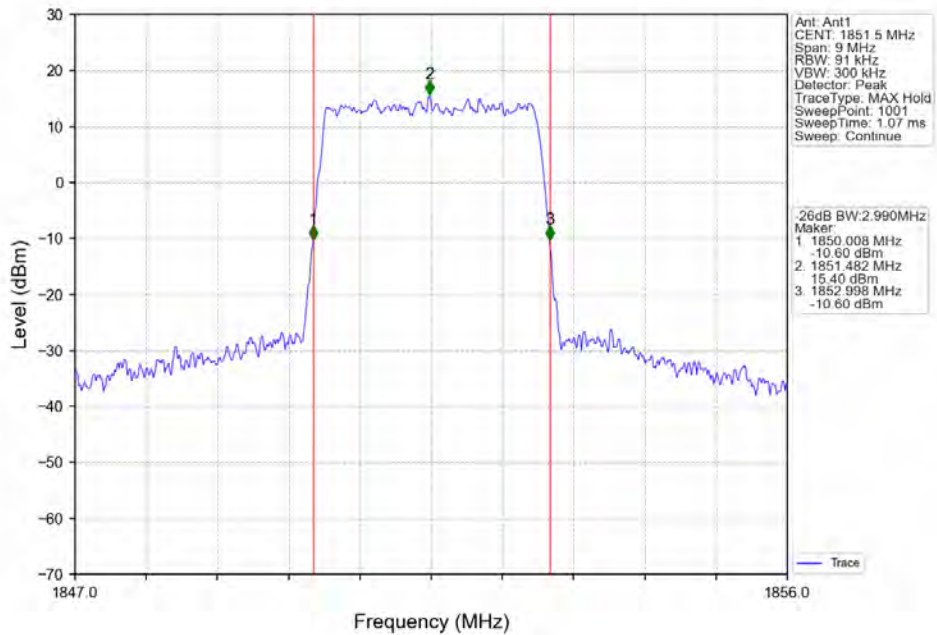
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



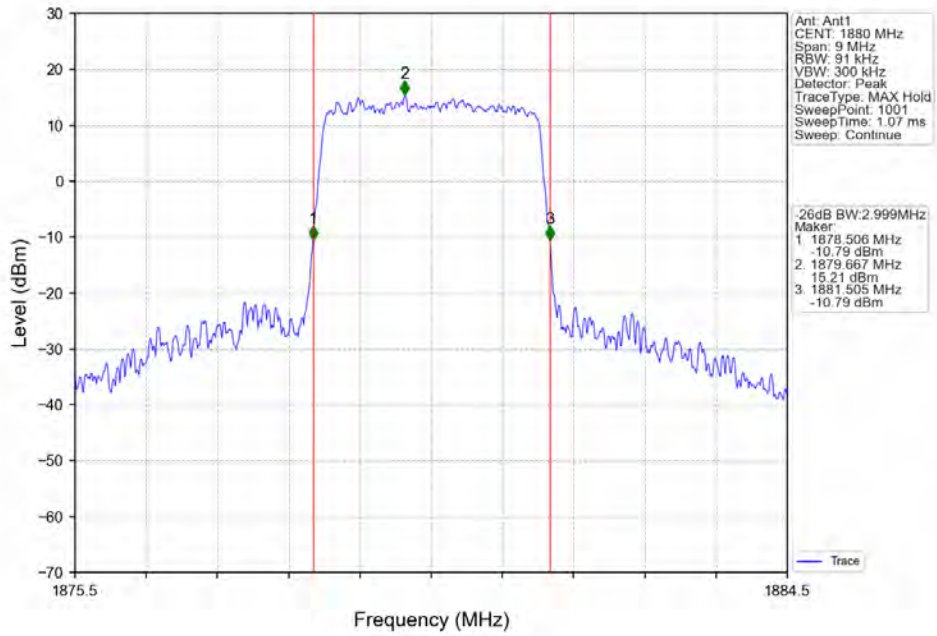
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



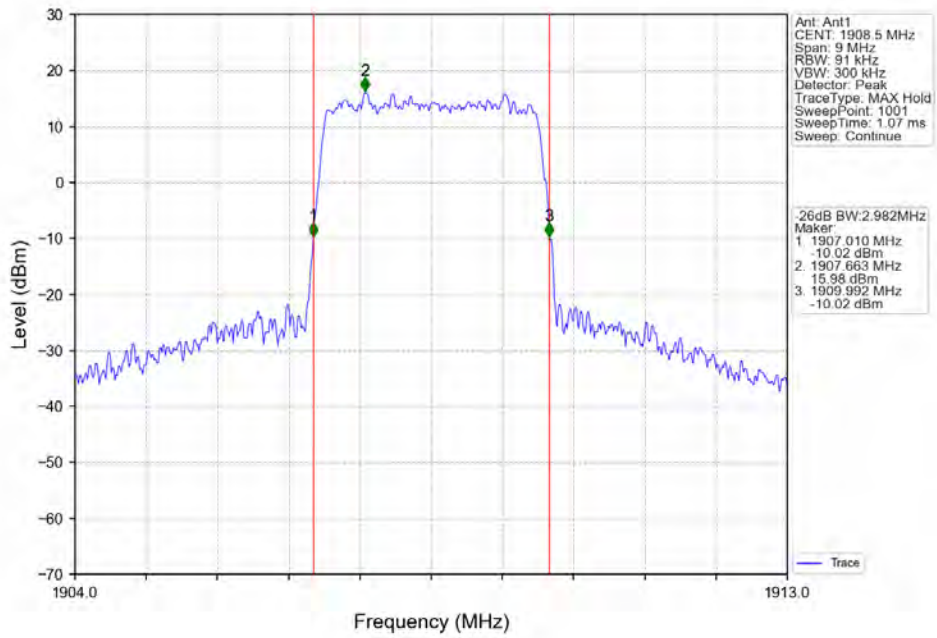
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



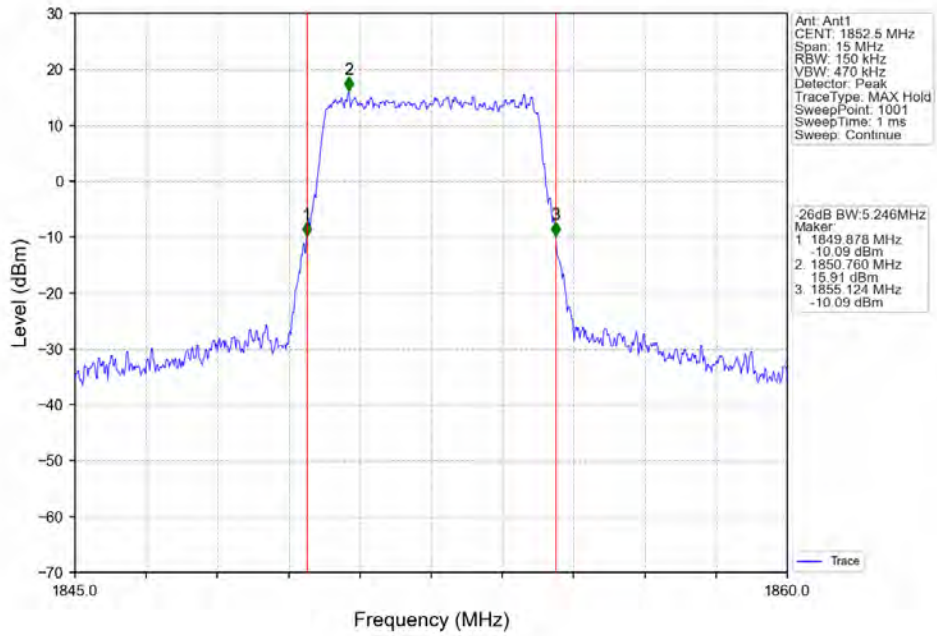
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



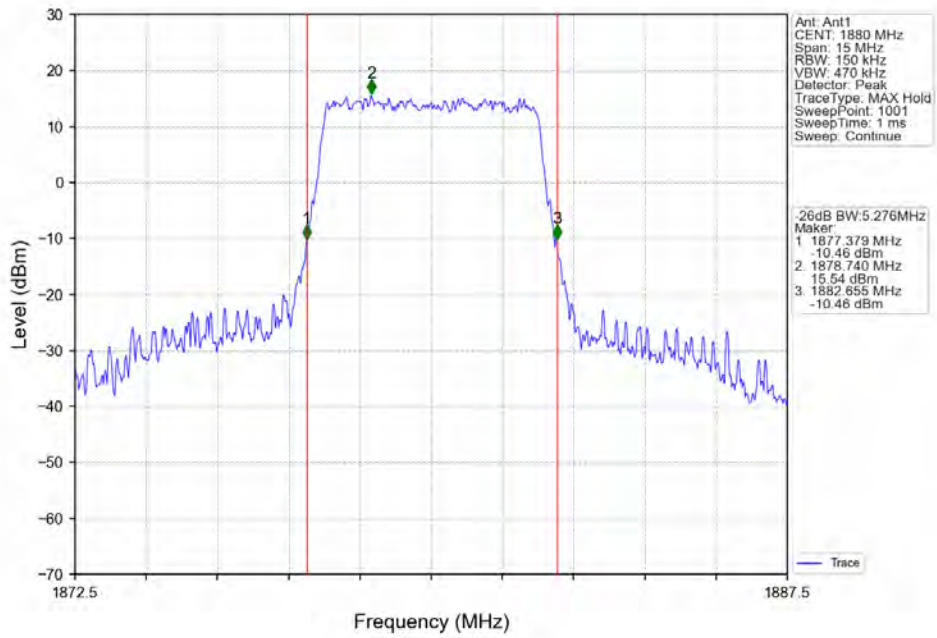
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



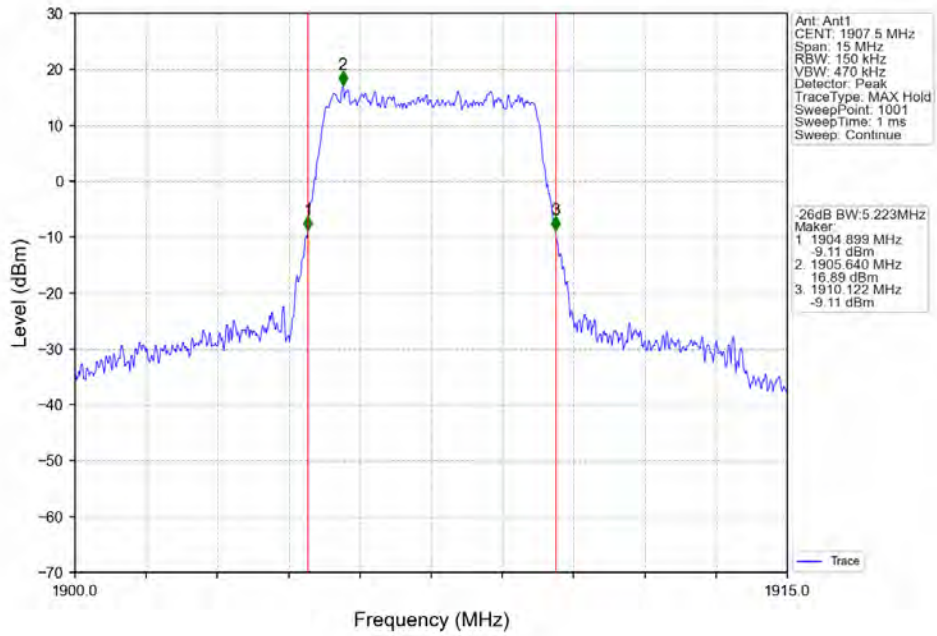
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



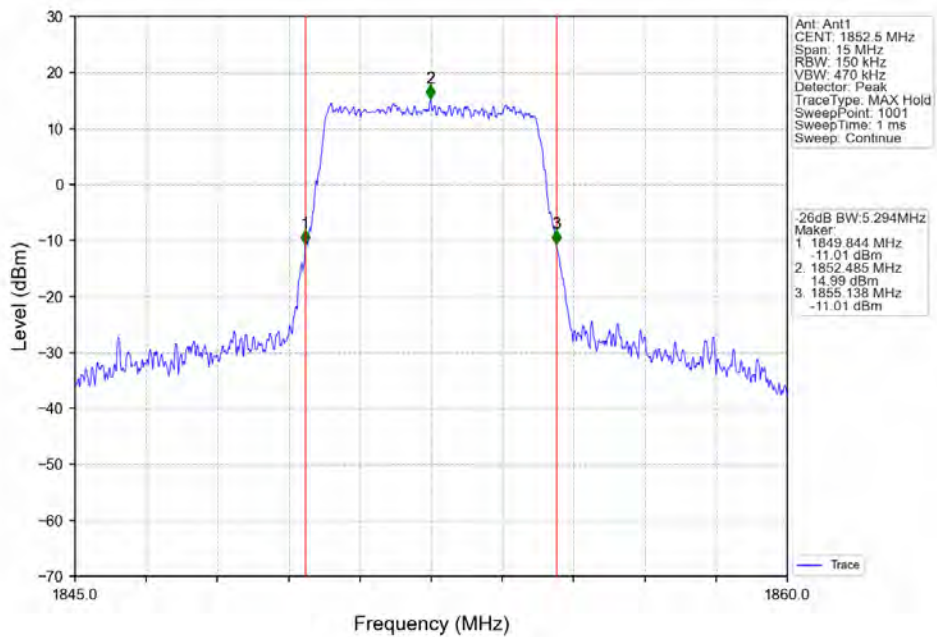
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



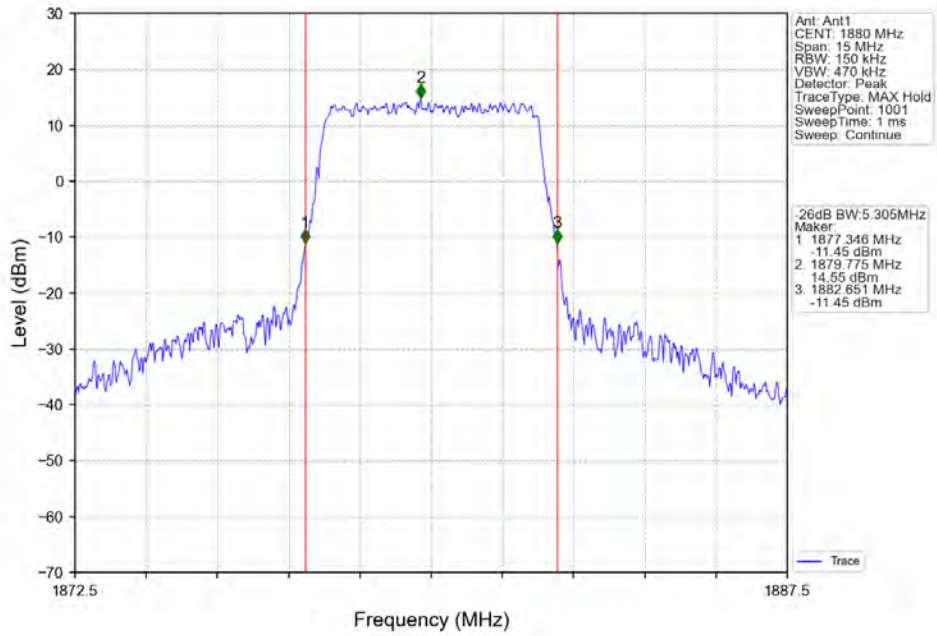
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



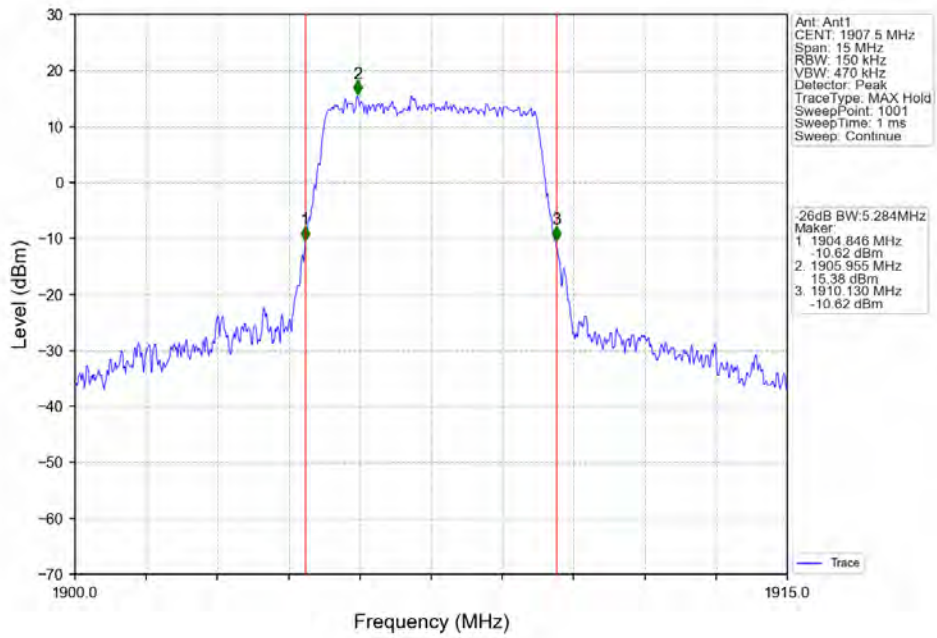
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



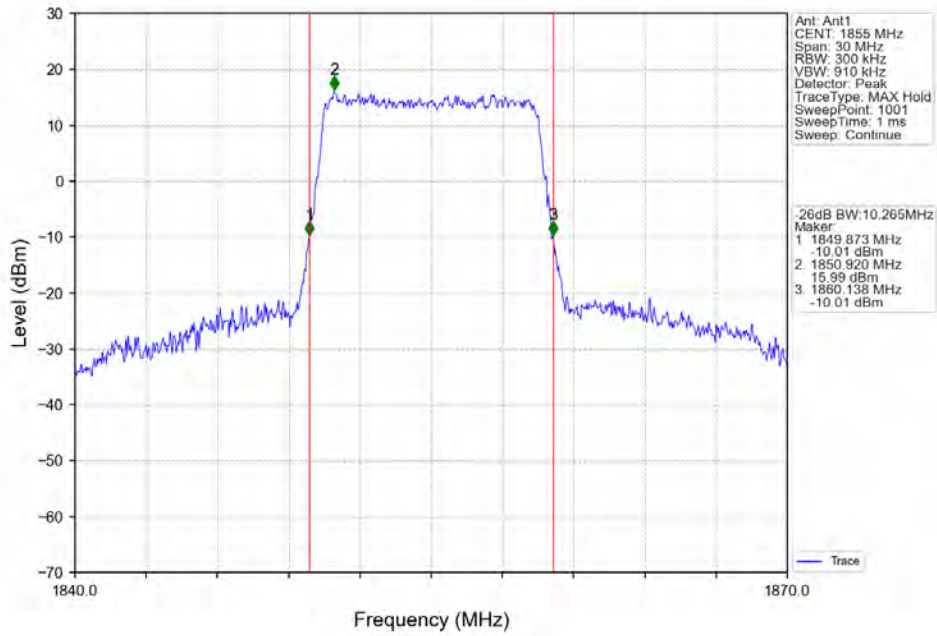
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



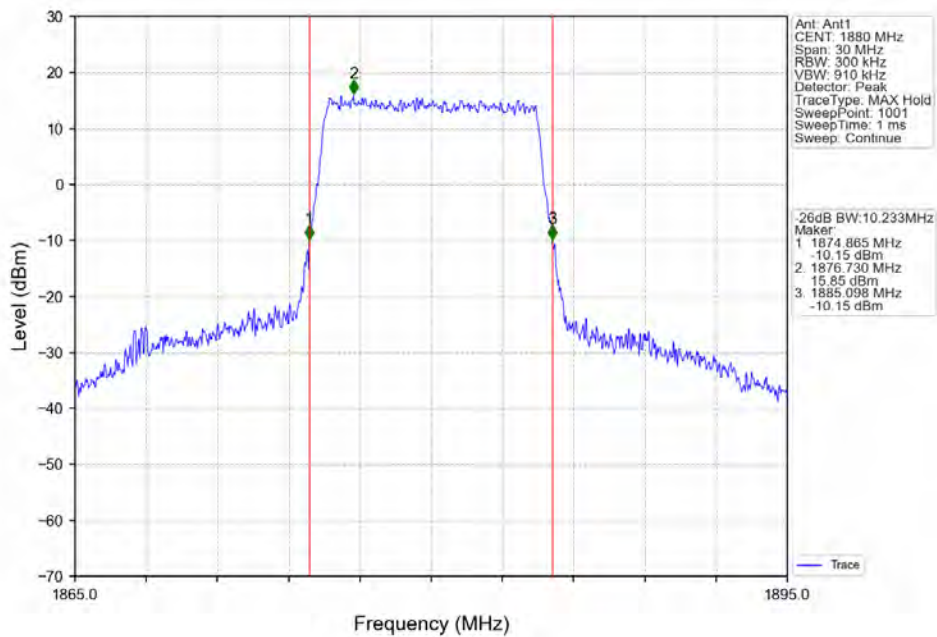
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



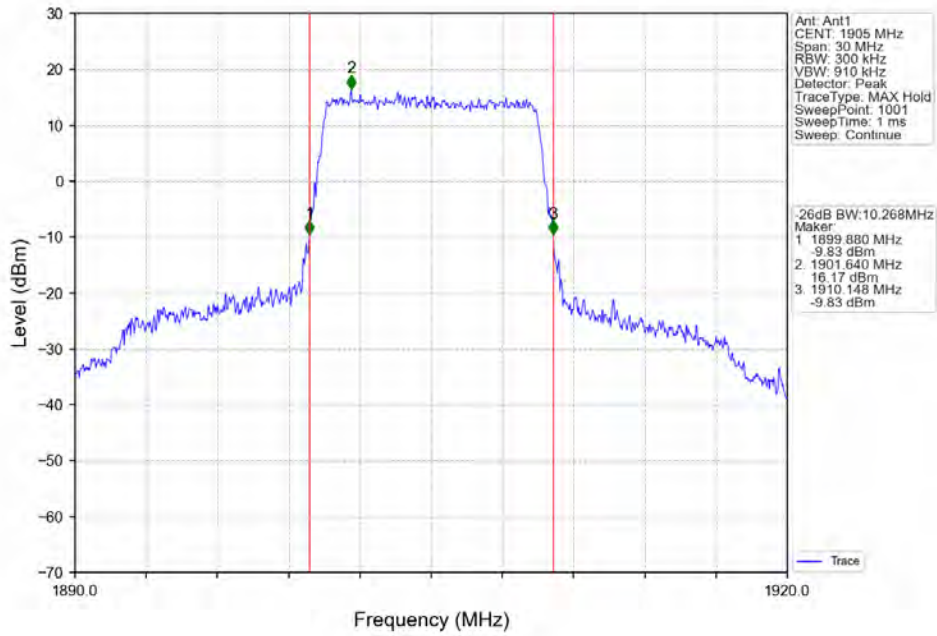
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



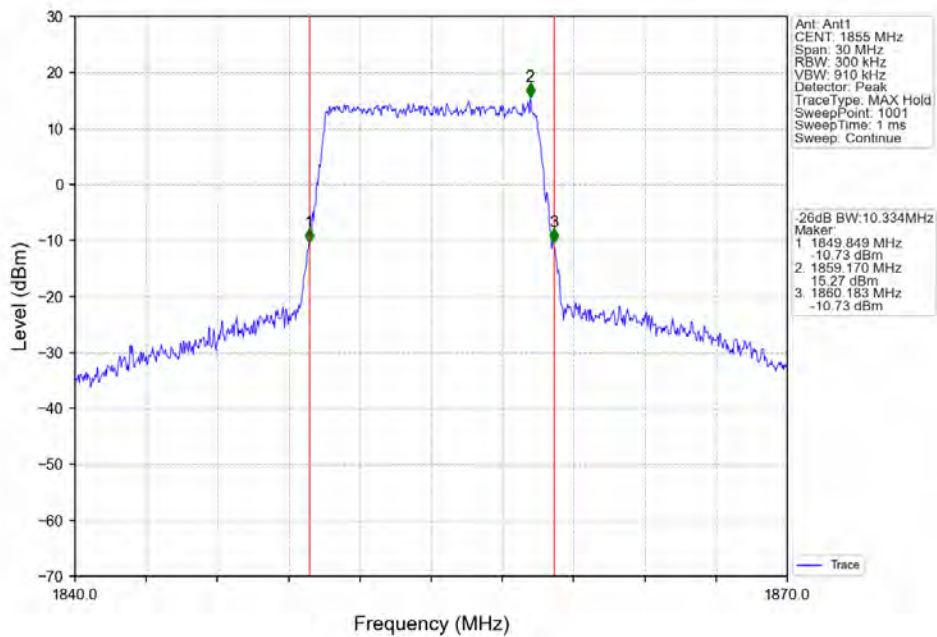
Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



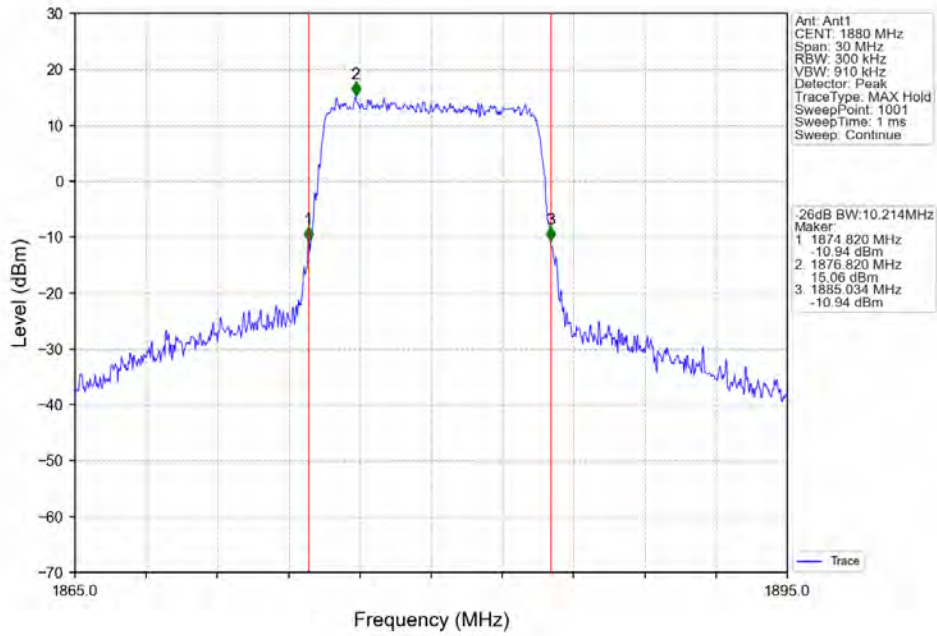
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



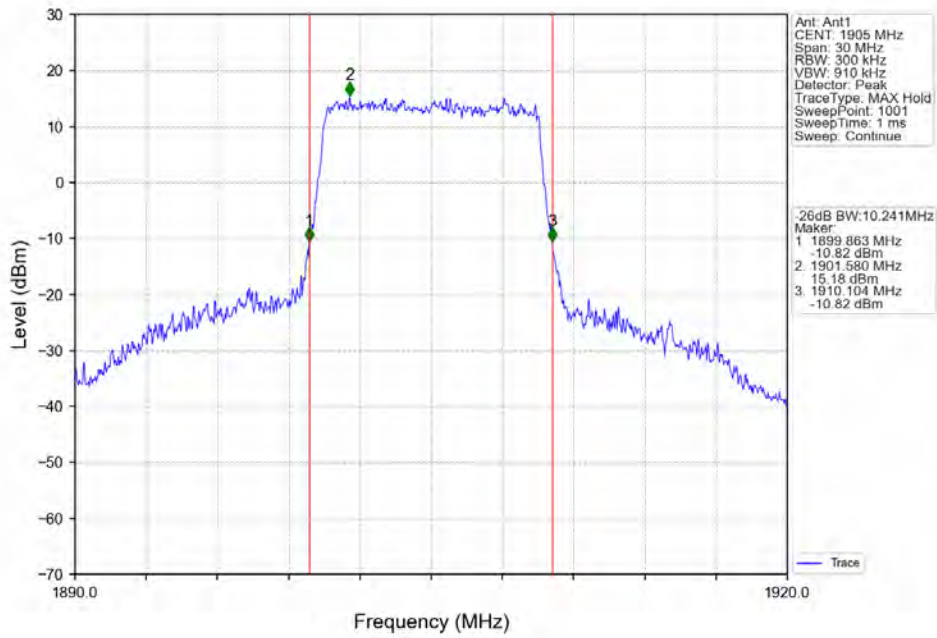
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



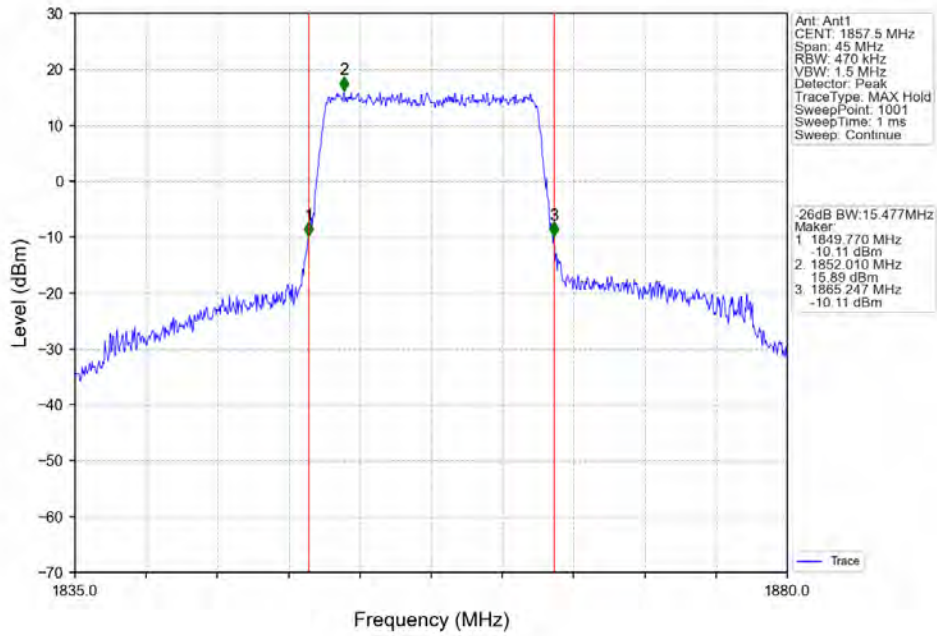
Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



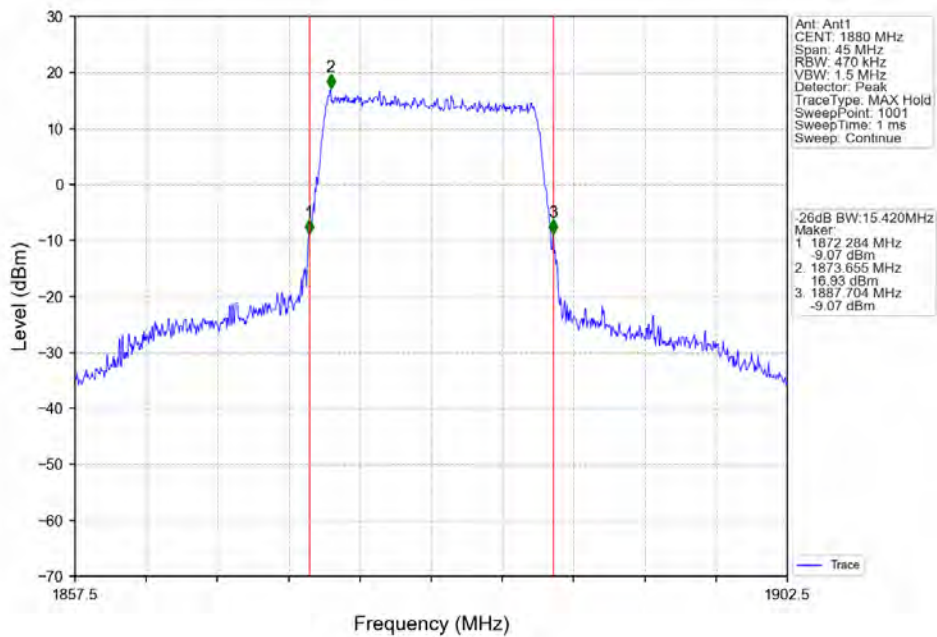
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV



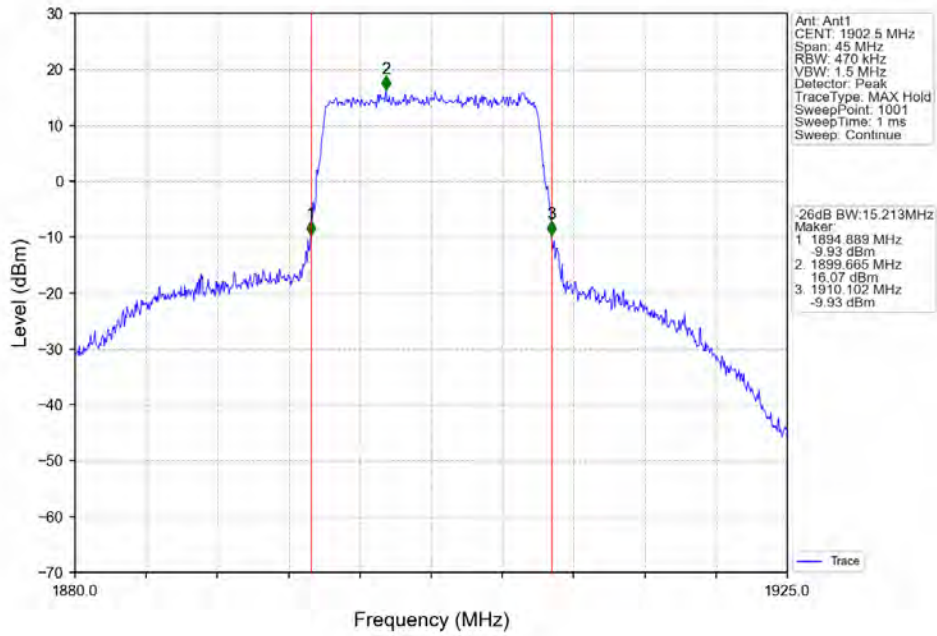
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



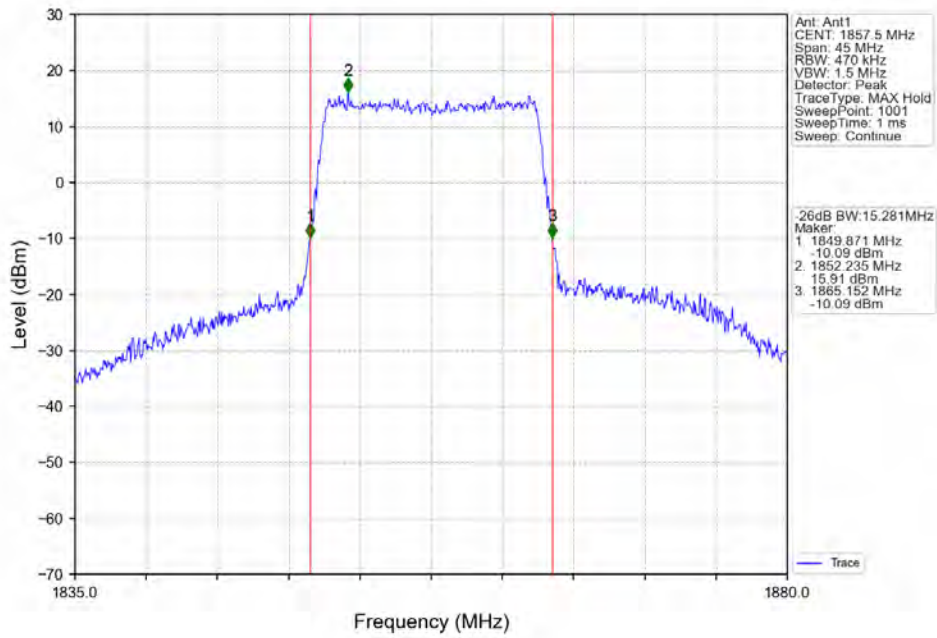
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



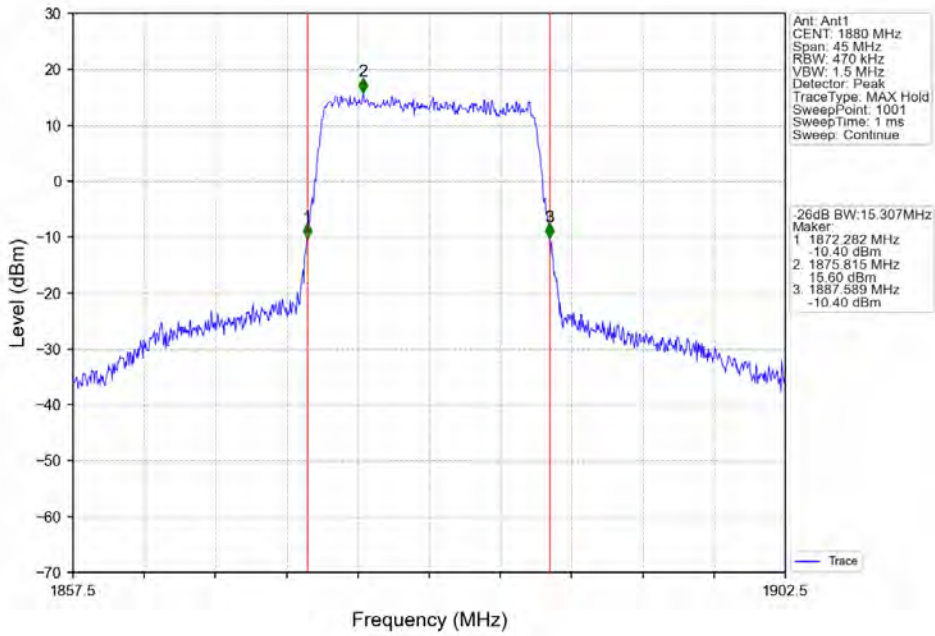
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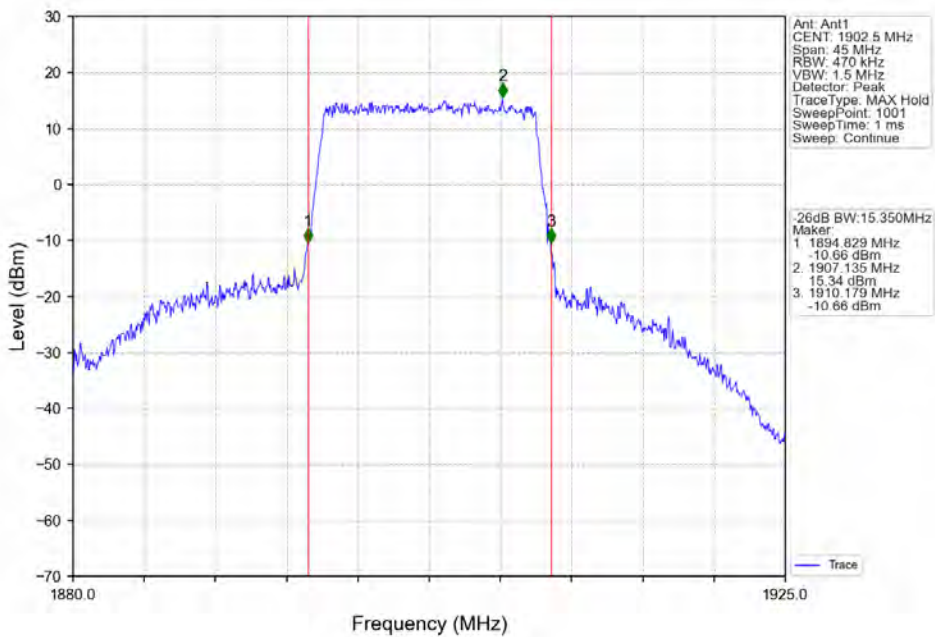
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



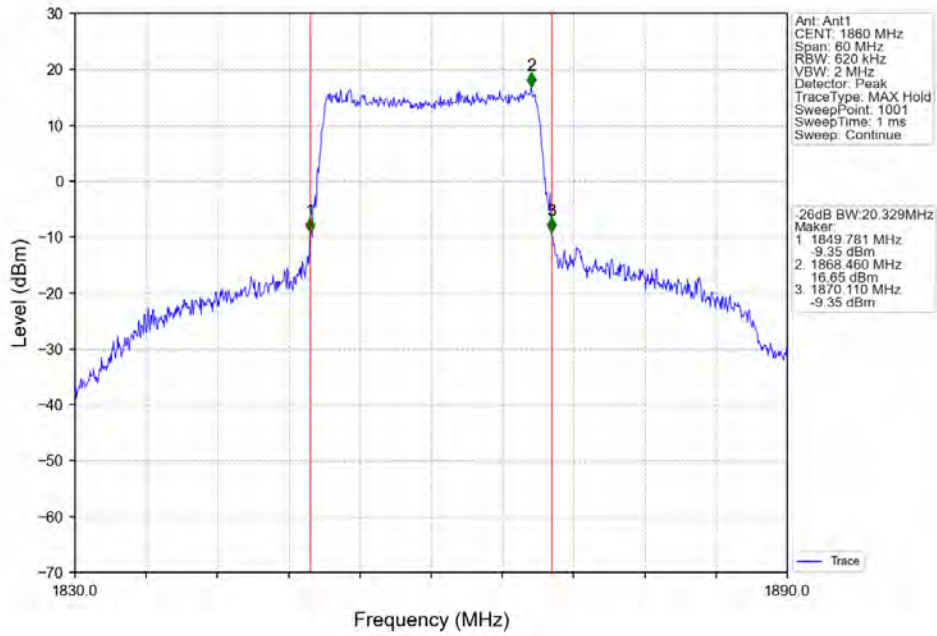
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



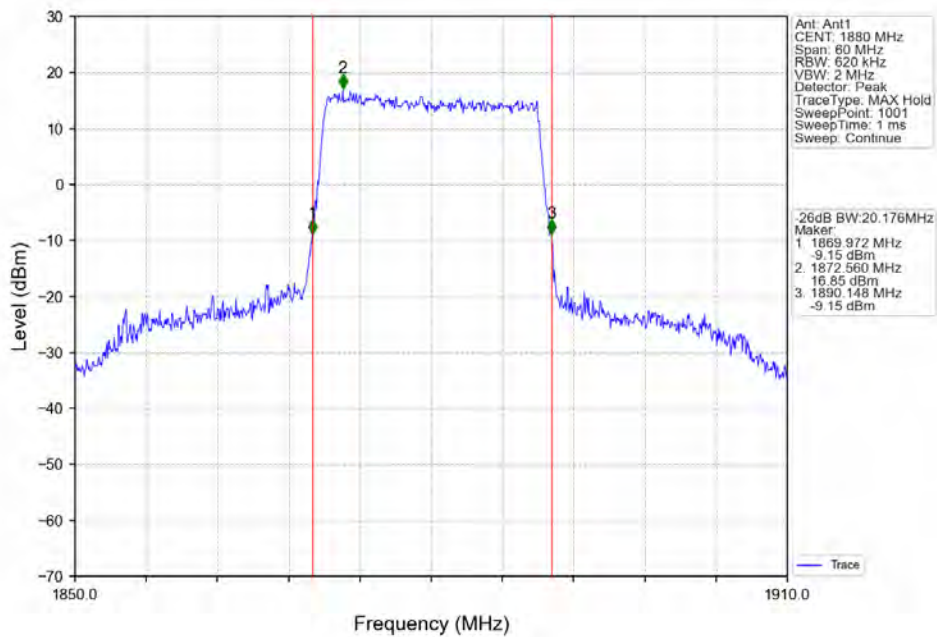
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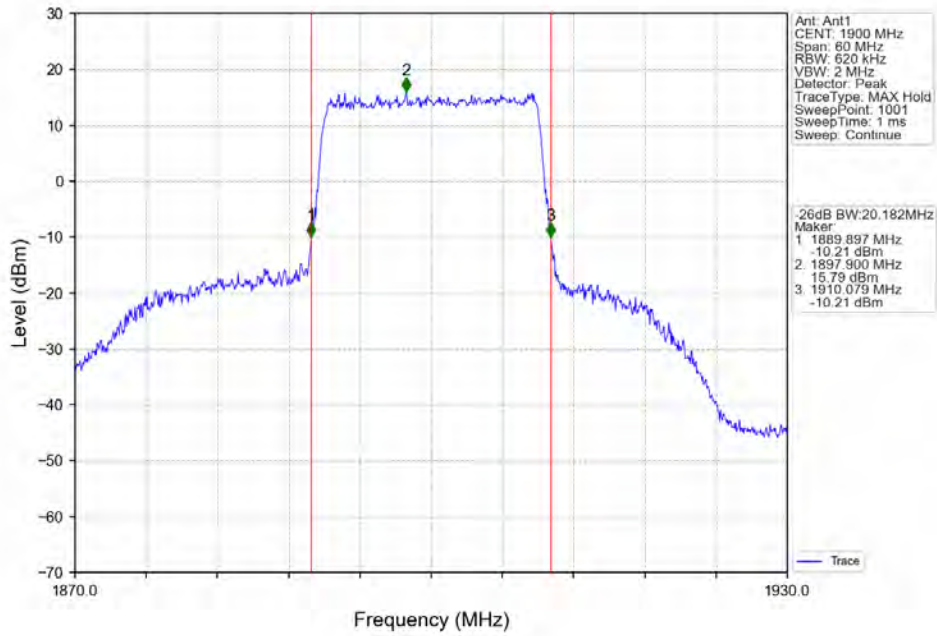
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



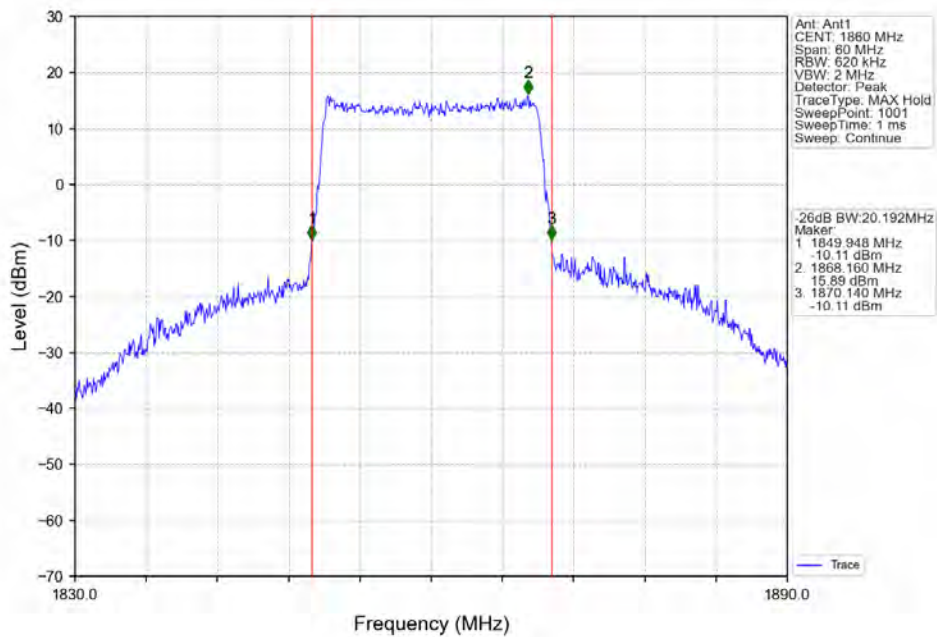
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



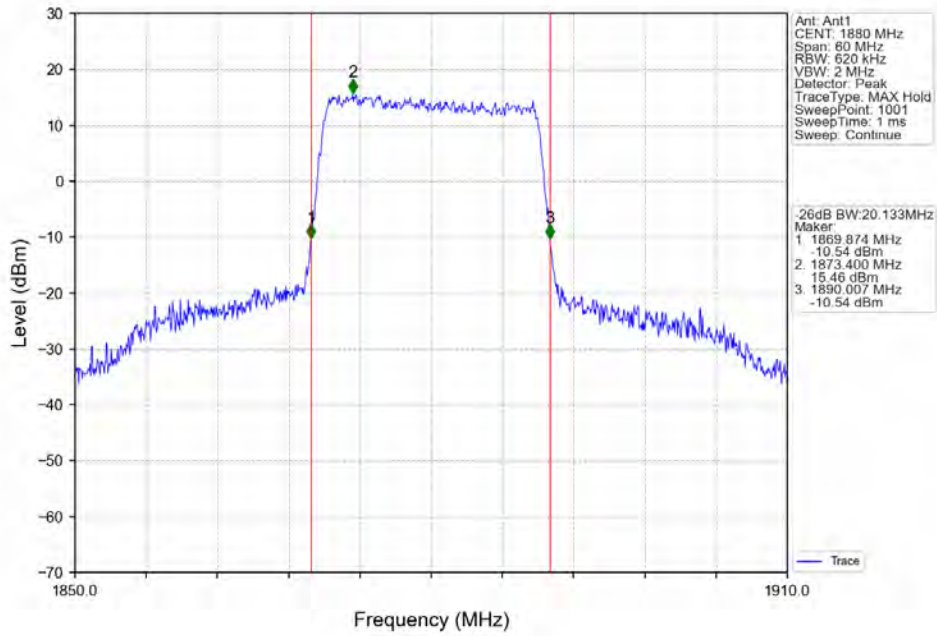
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



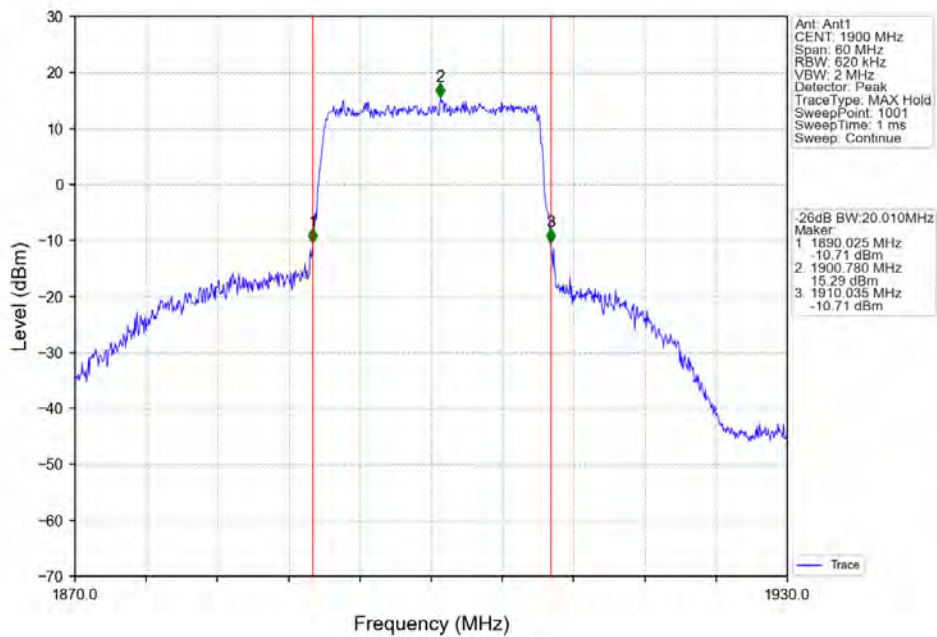
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



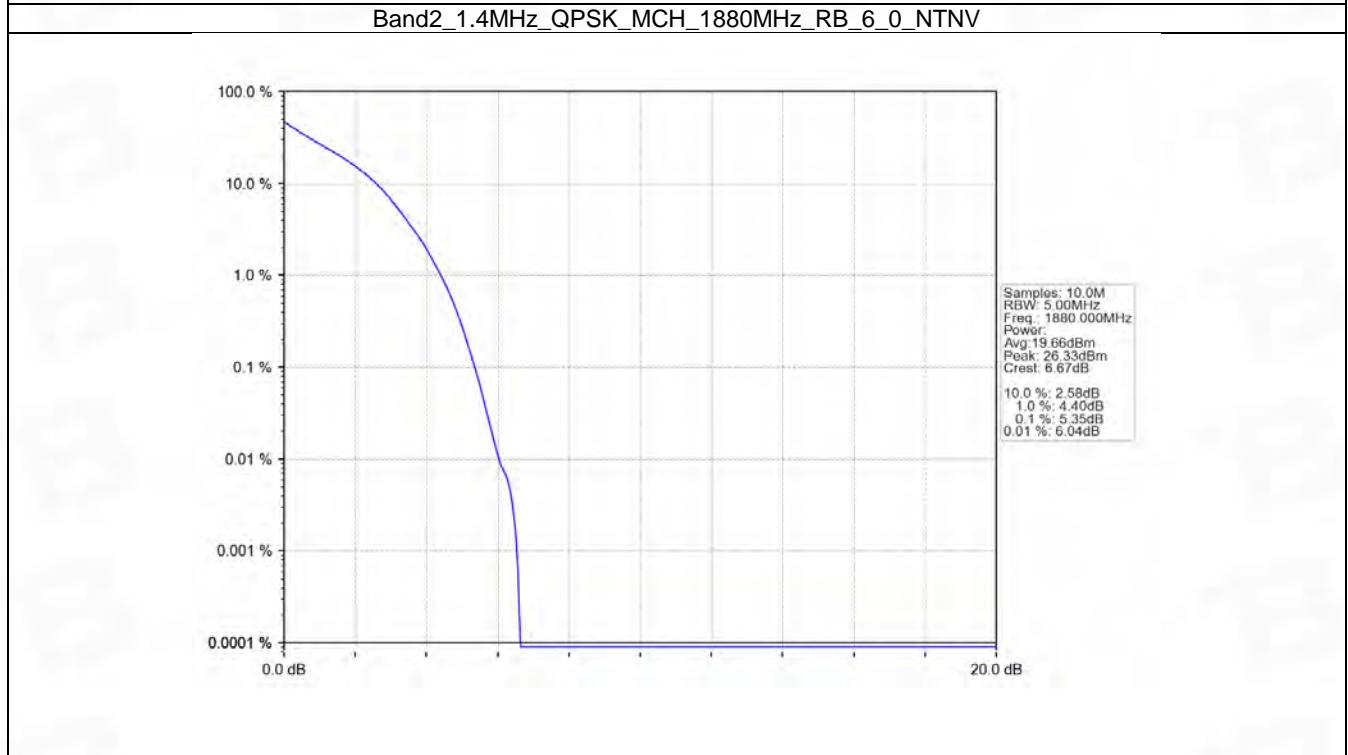
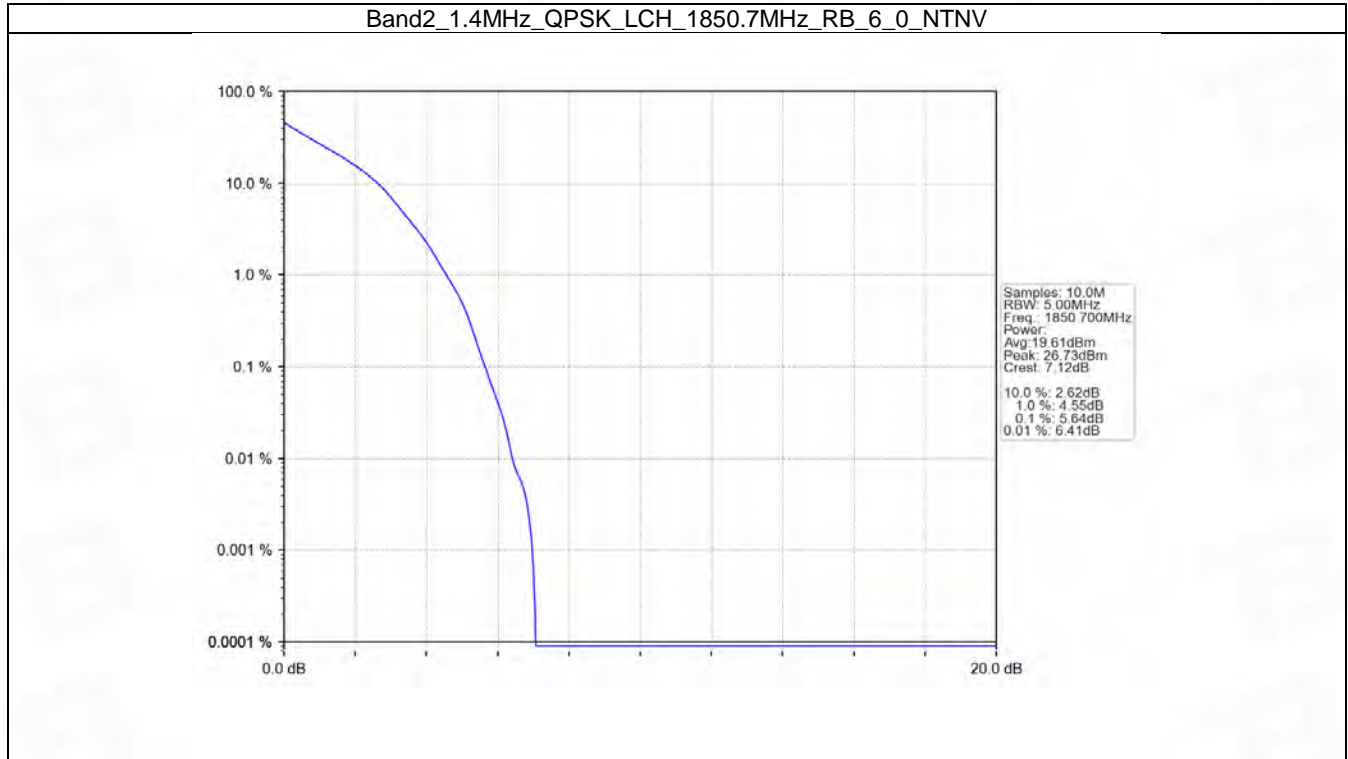
5. Peak-Average Ratio

5.1 B2_1.4MHz

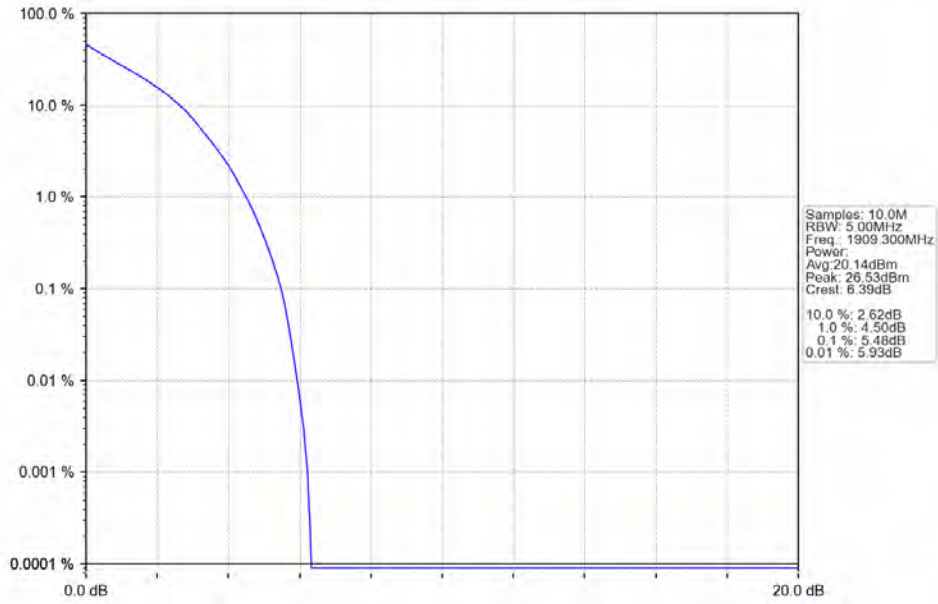
5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.64	<=13	Pass
	1880	6	0	5.35	<=13	Pass
	1909.3	6	0	5.48	<=13	Pass
16QAM	1850.7	6	0	6.49	<=13	Pass
	1880	6	0	6.09	<=13	Pass
	1909.3	6	0	6.23	<=13	Pass

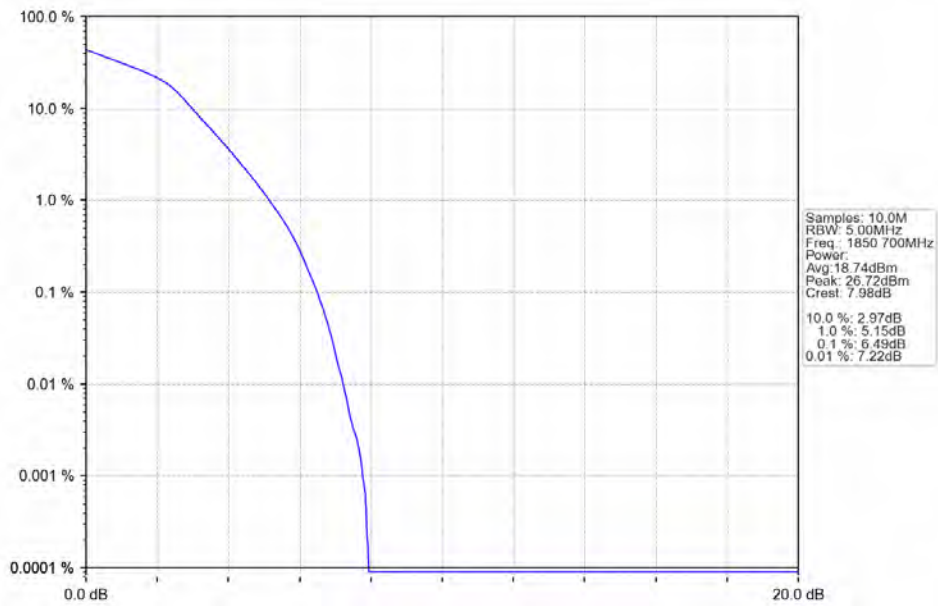
5.1.2 Test Graph



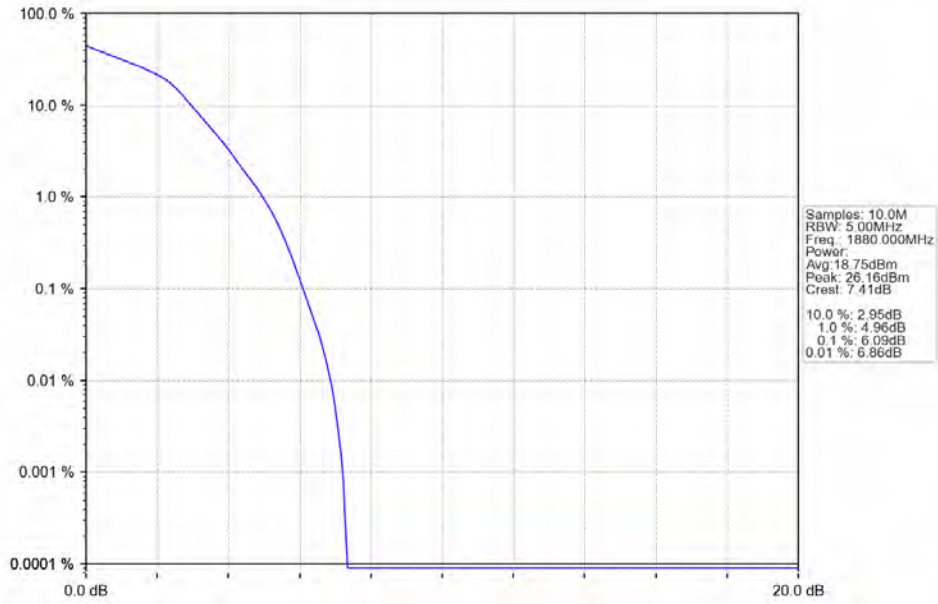
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



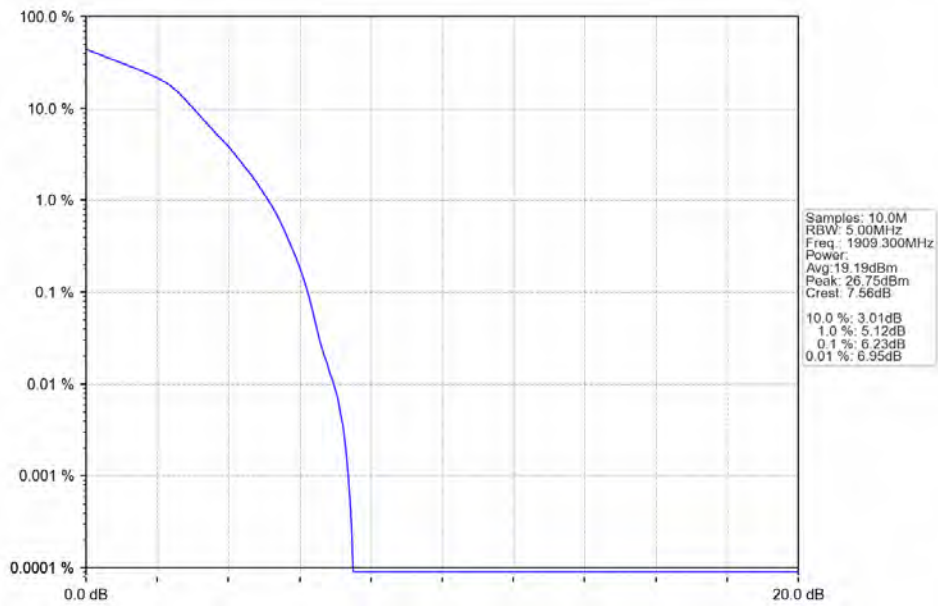
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

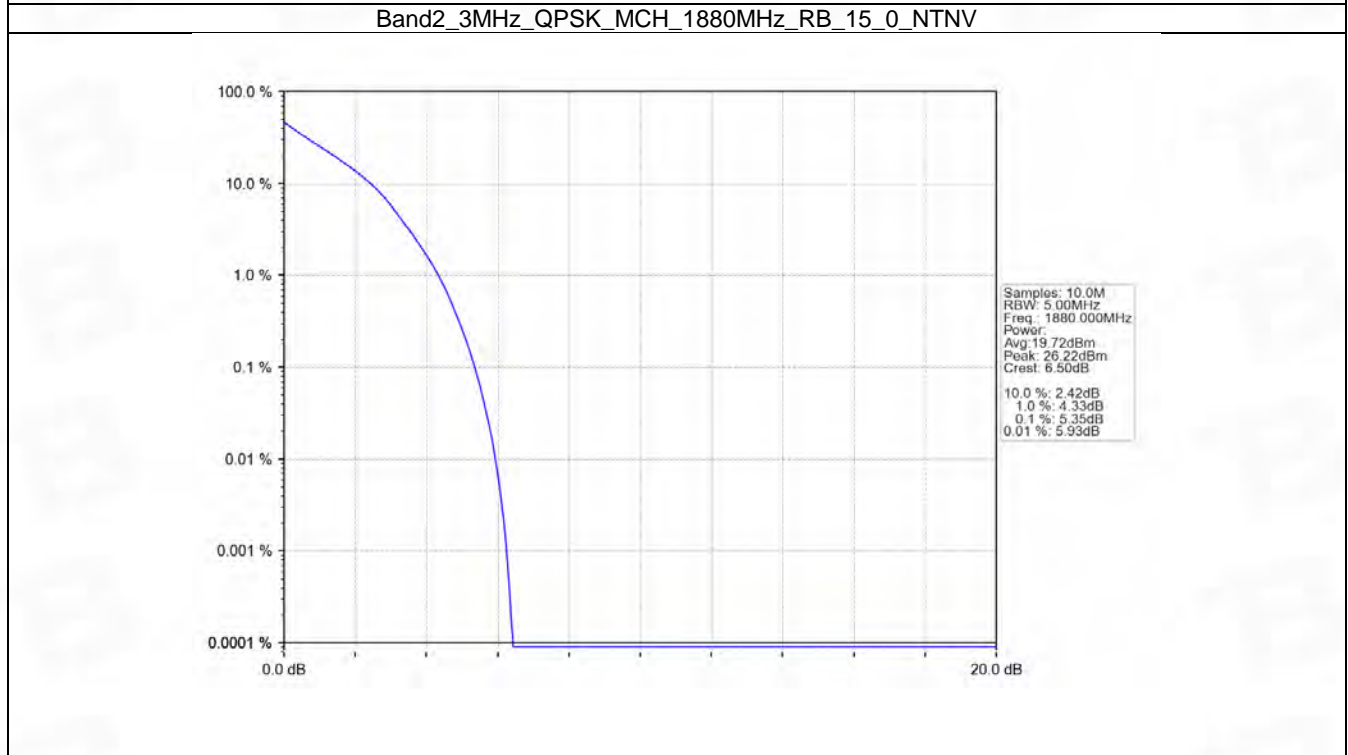
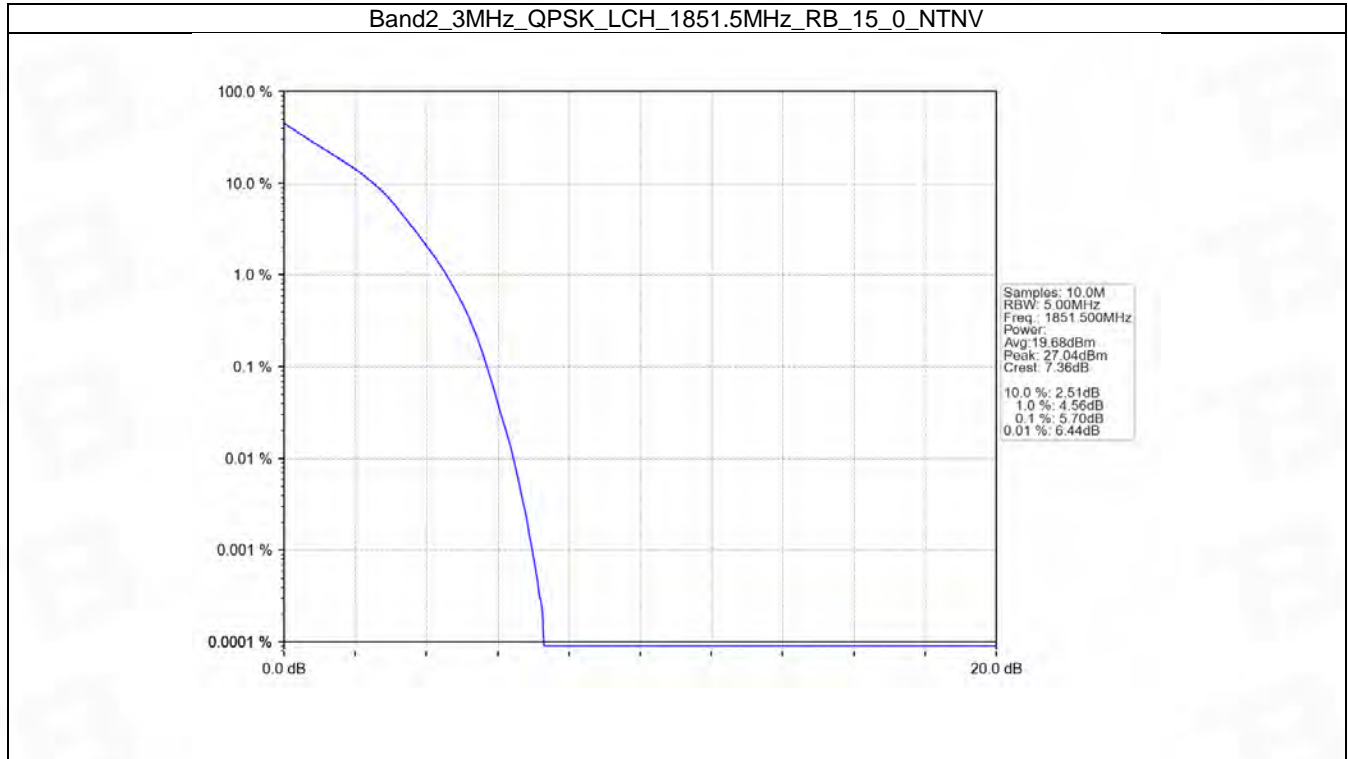


5.2 B2_3MHz

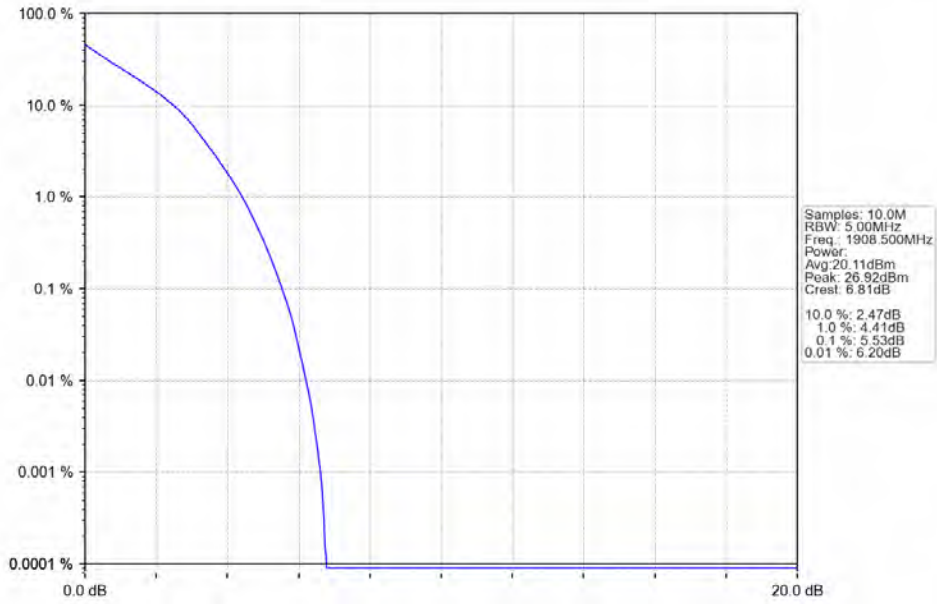
5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.70	<=13	Pass
	1880	15	0	5.35	<=13	Pass
	1908.5	15	0	5.53	<=13	Pass
16QAM	1851.5	15	0	6.46	<=13	Pass
	1880	15	0	6.18	<=13	Pass
	1908.5	15	0	6.31	<=13	Pass

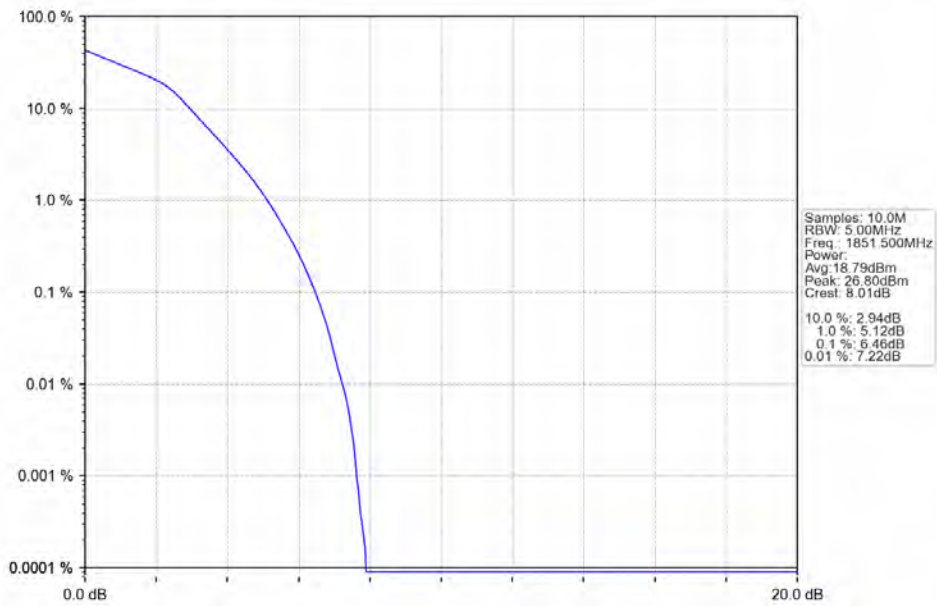
5.2.2 Test Graph



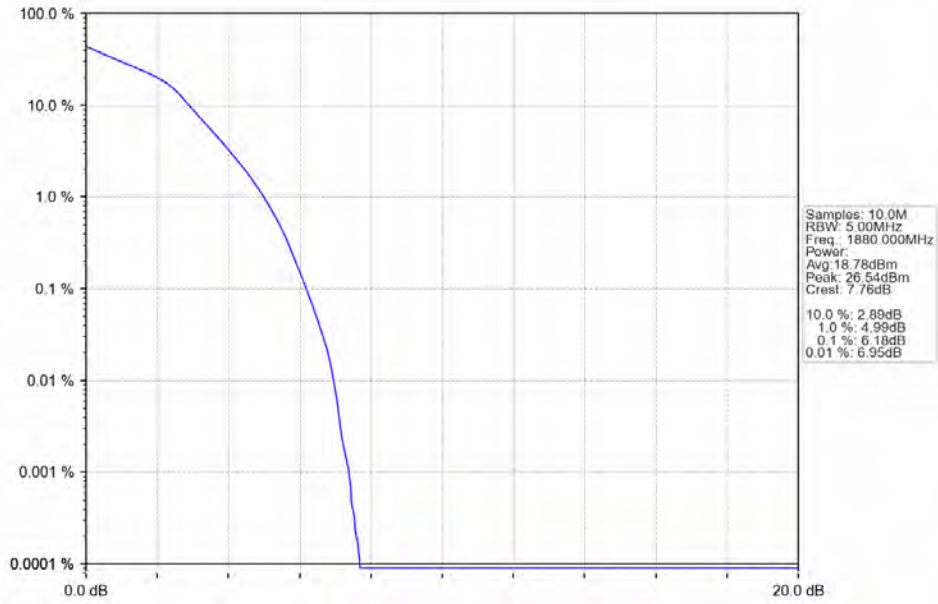
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



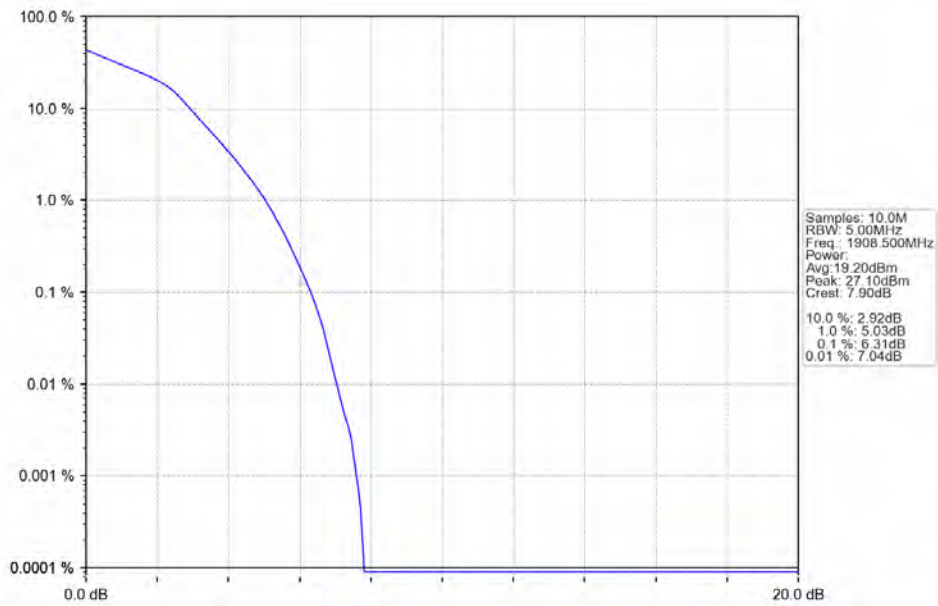
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV

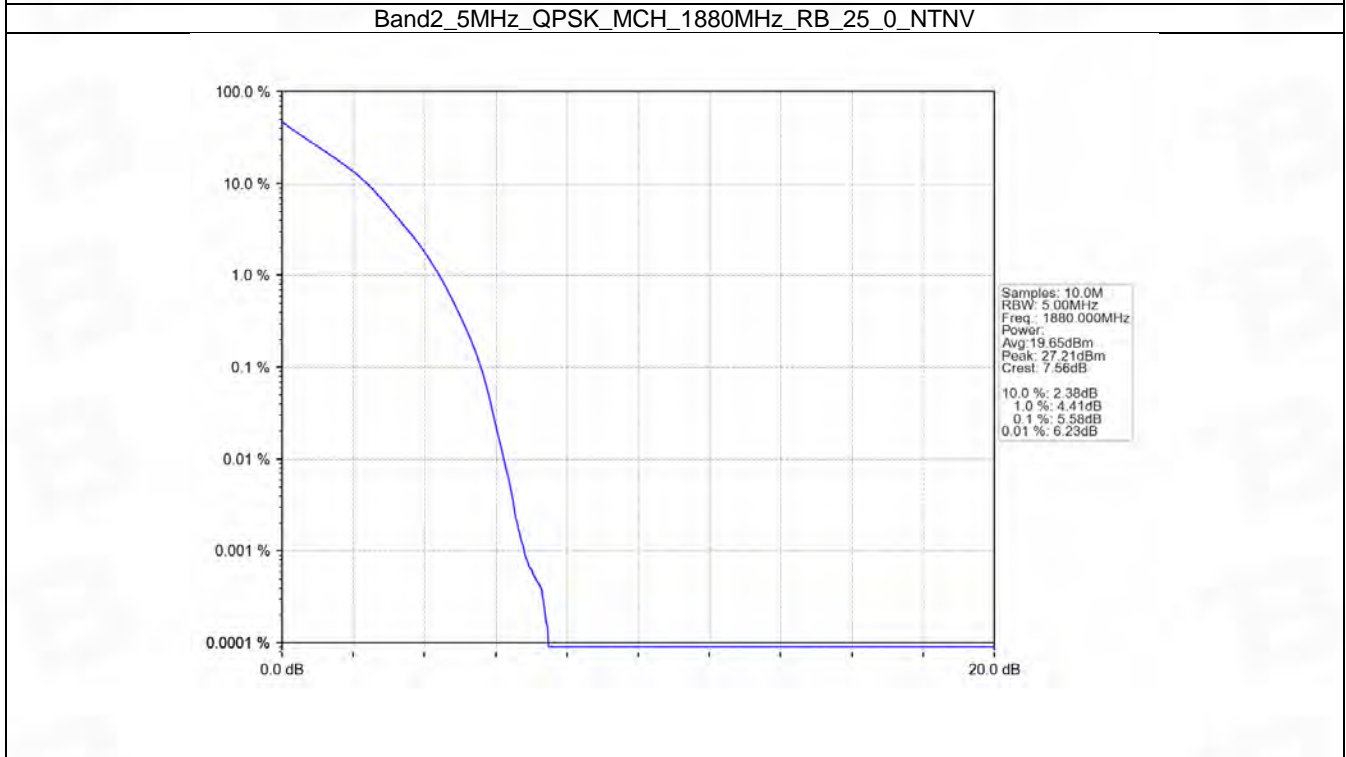
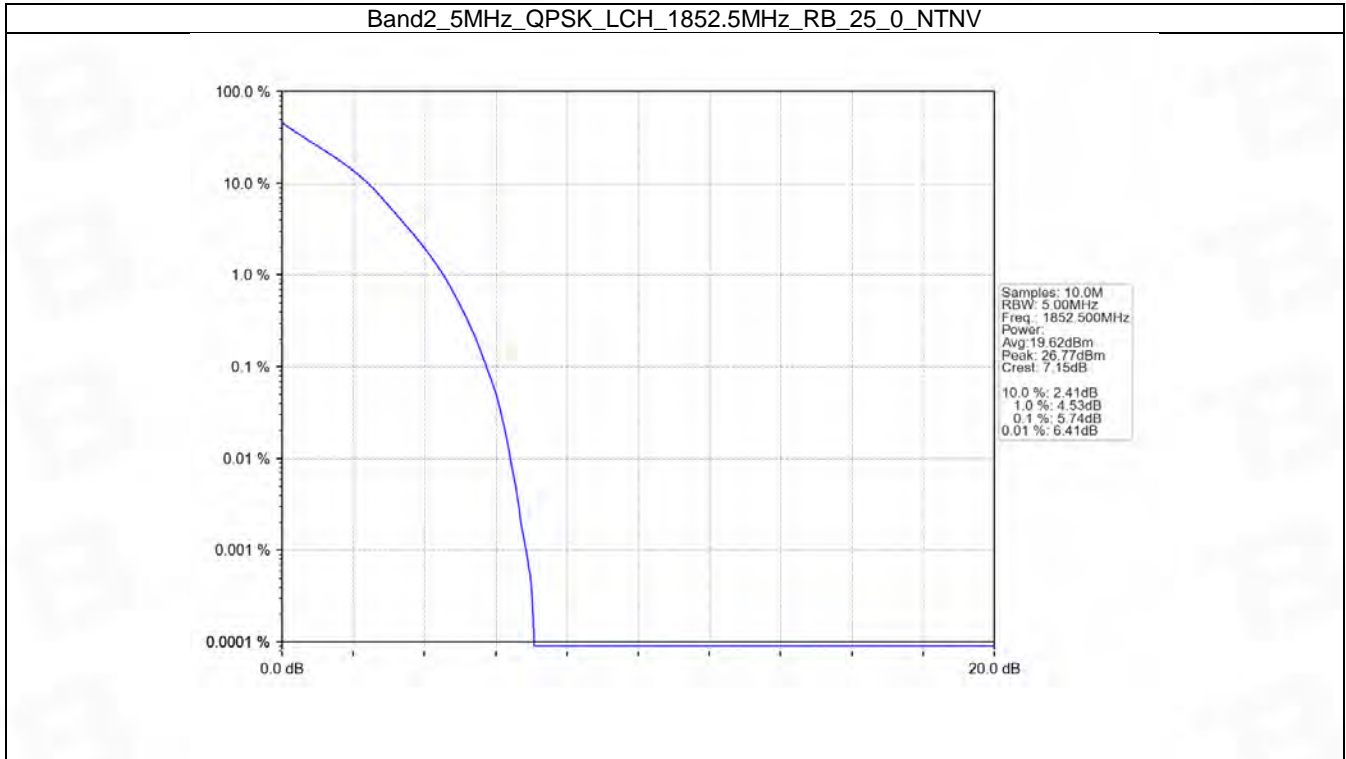


5.3 B2_5MHz

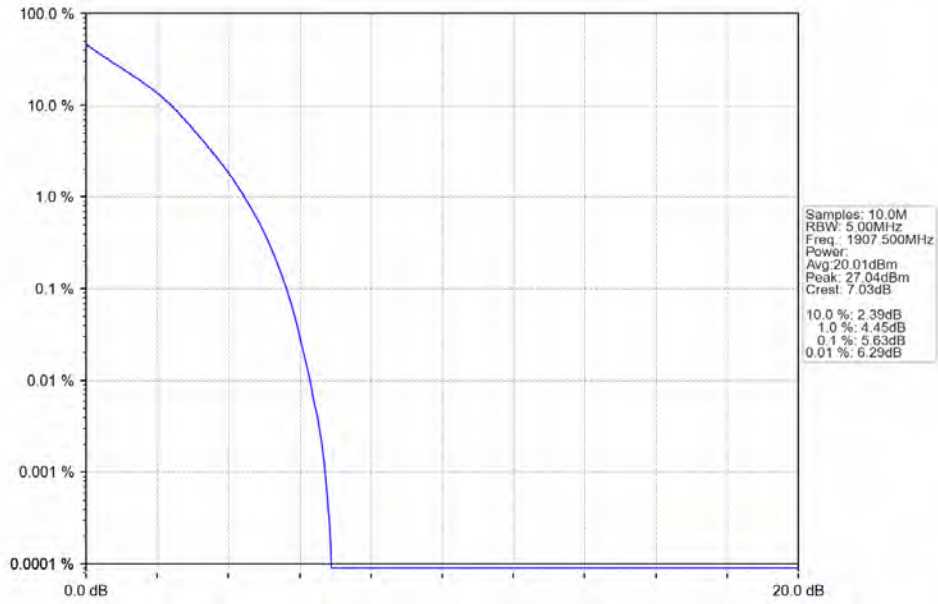
5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.74	<=13	Pass
	1880	25	0	5.58	<=13	Pass
	1907.5	25	0	5.63	<=13	Pass
16QAM	1852.5	25	0	6.45	<=13	Pass
	1880	25	0	6.24	<=13	Pass
	1907.5	25	0	6.27	<=13	Pass

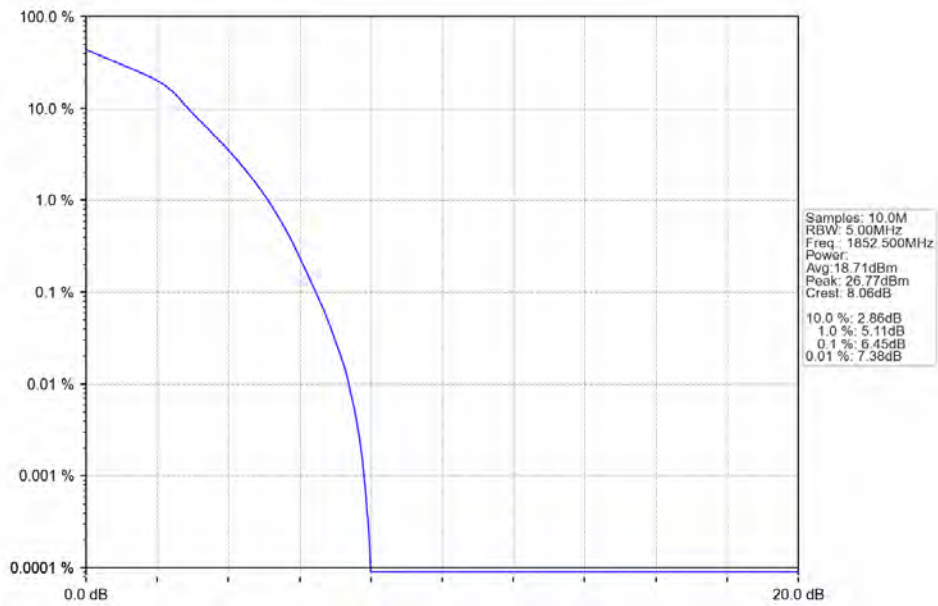
5.3.2 Test Graph



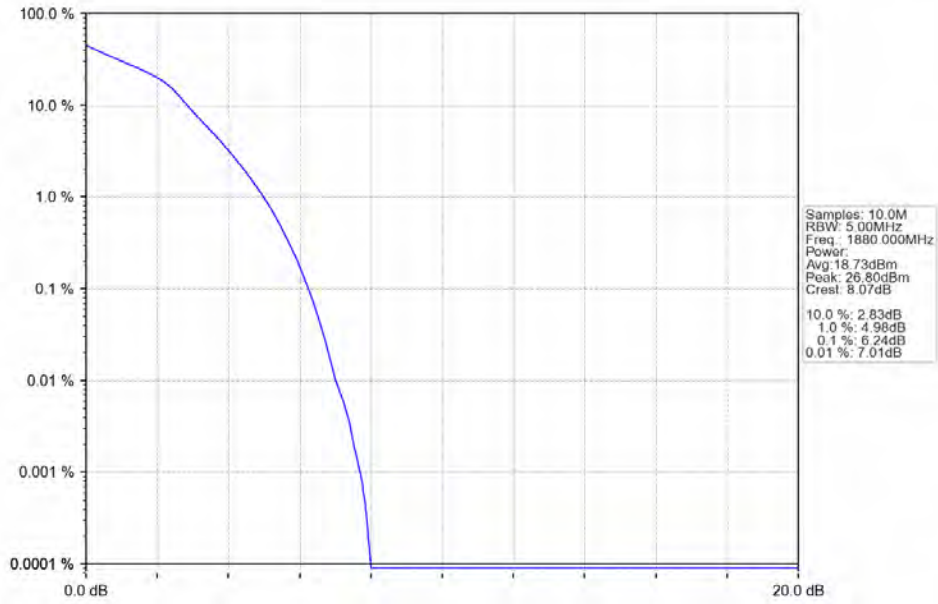
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



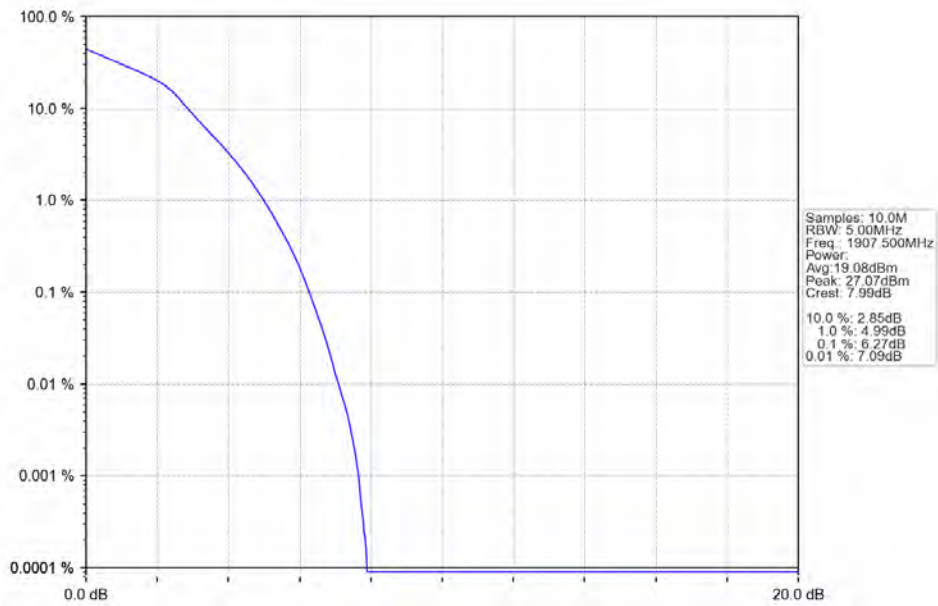
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

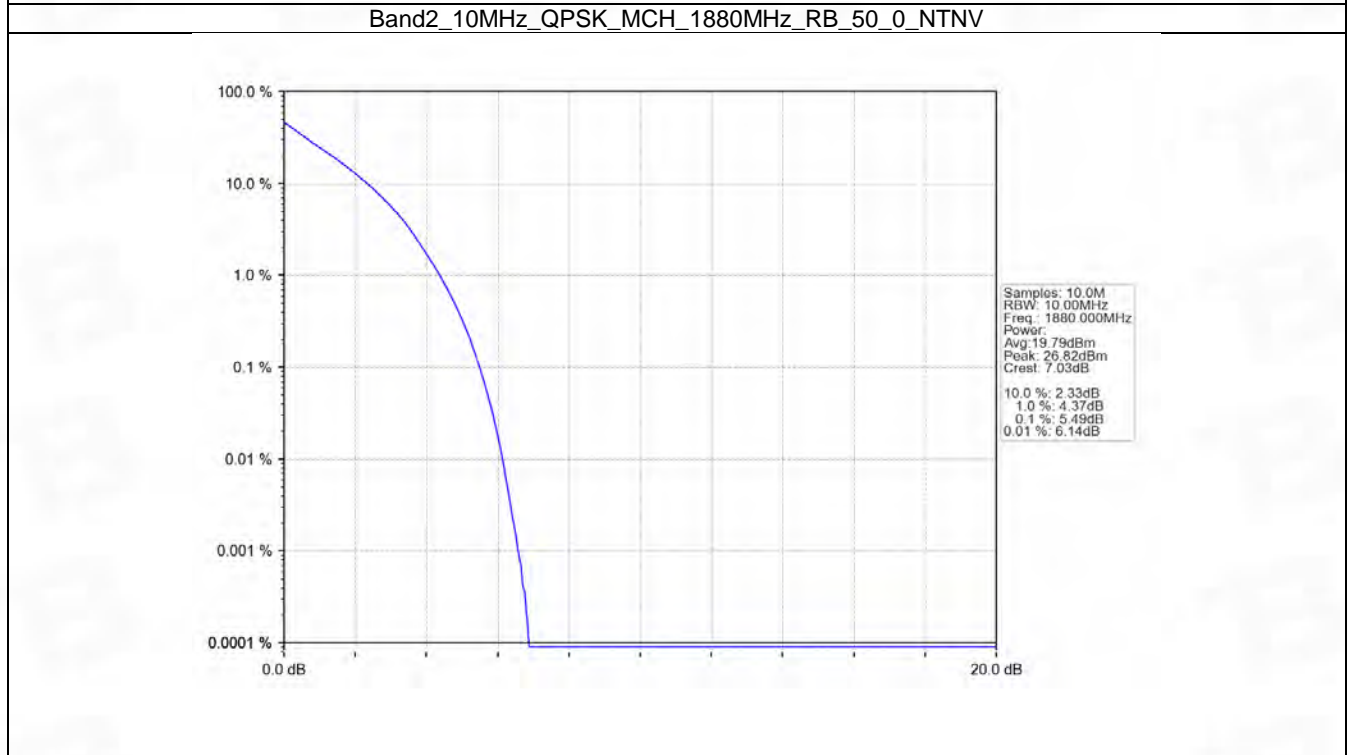
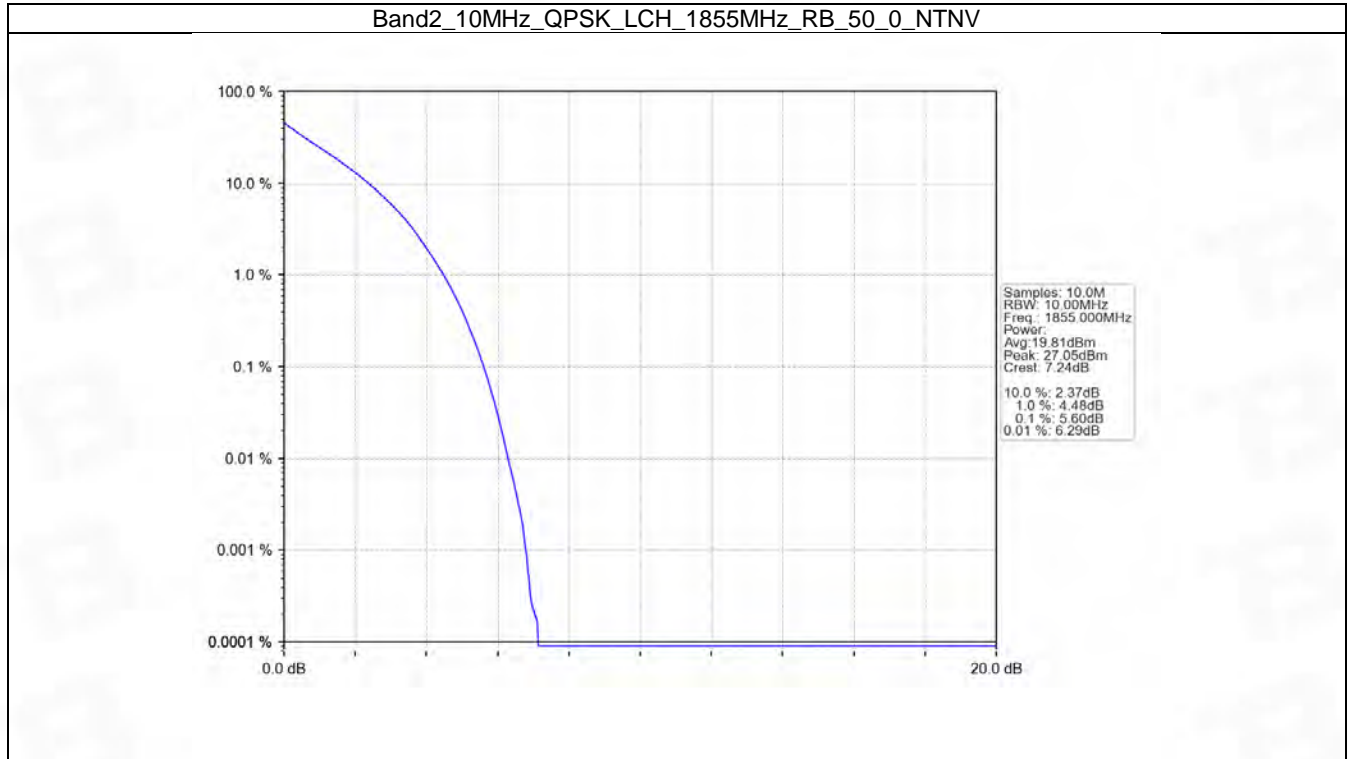


5.4 B2_10MHz

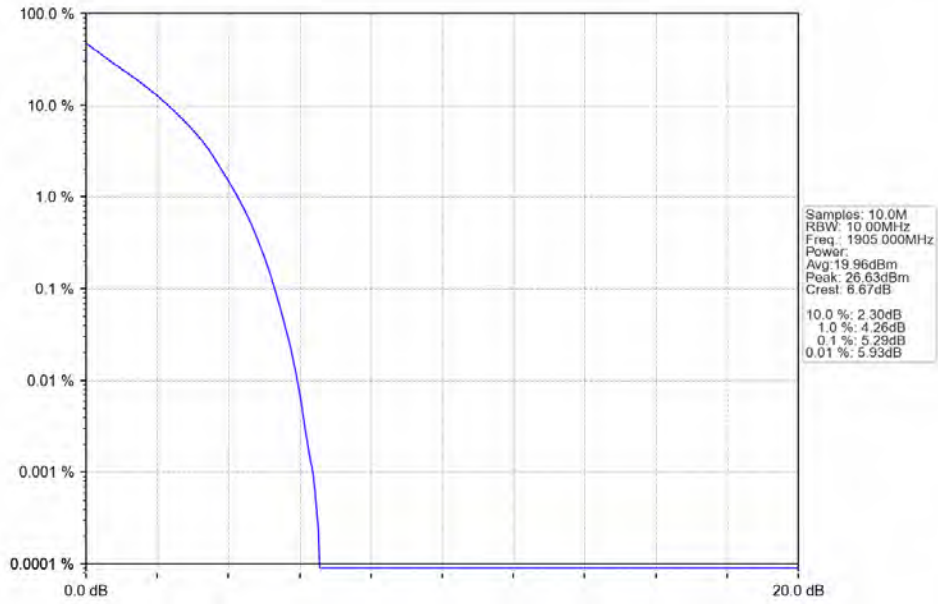
5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.60	<=13	Pass
	1880	50	0	5.49	<=13	Pass
	1905	50	0	5.29	<=13	Pass
16QAM	1855	50	0	6.35	<=13	Pass
	1880	50	0	6.23	<=13	Pass
	1905	50	0	6.00	<=13	Pass

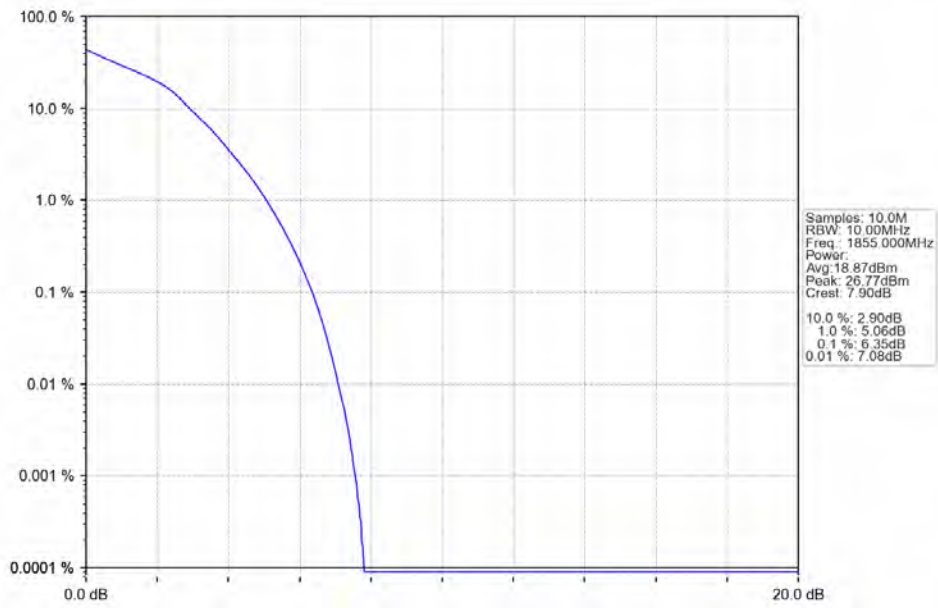
5.4.2 Test Graph



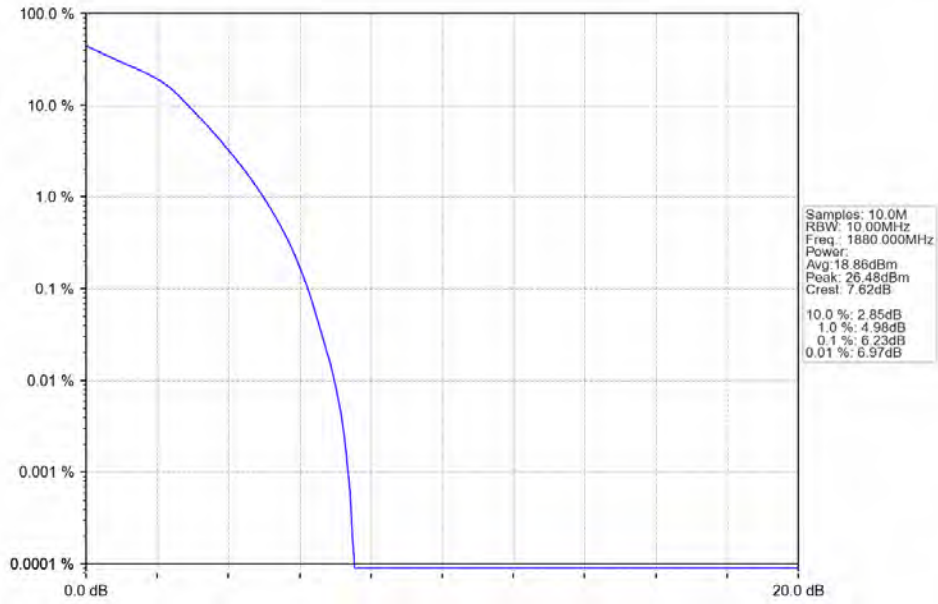
Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



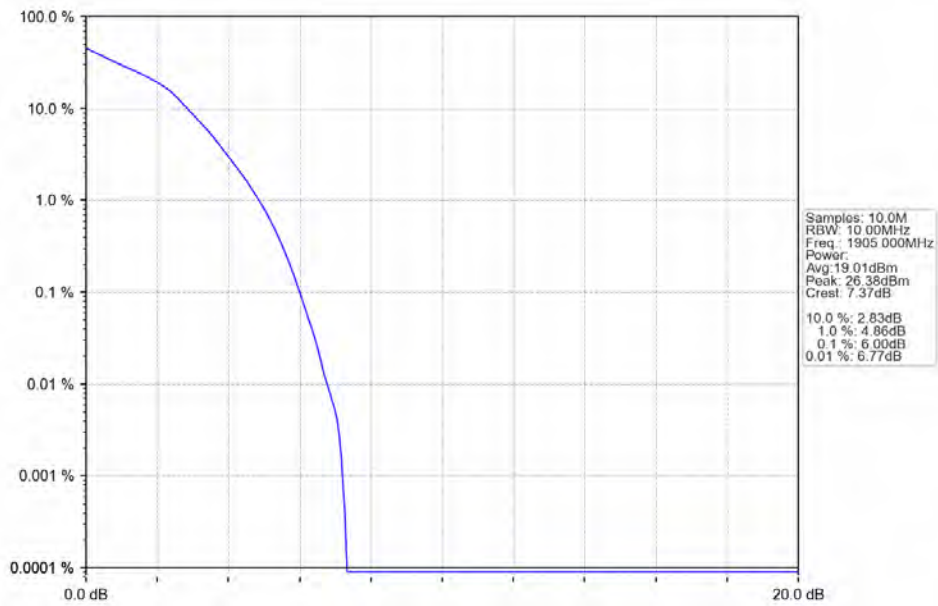
Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

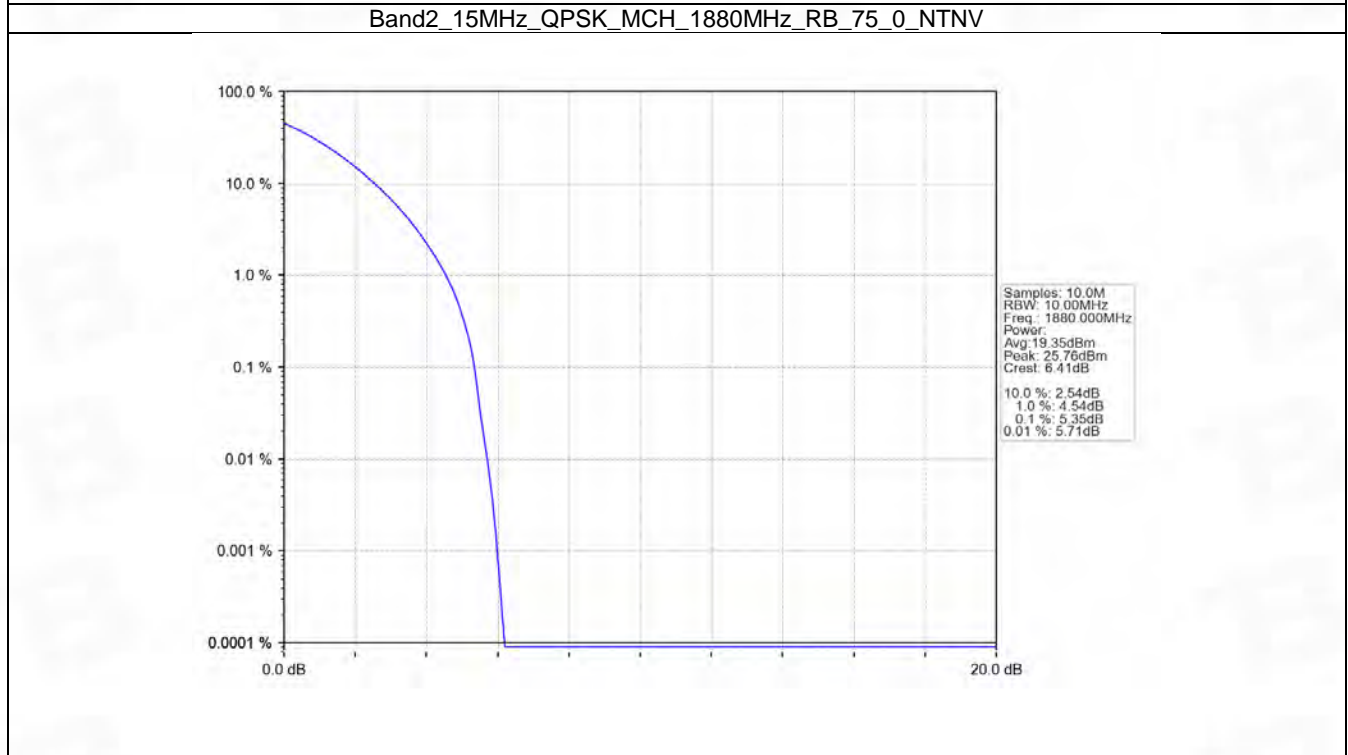
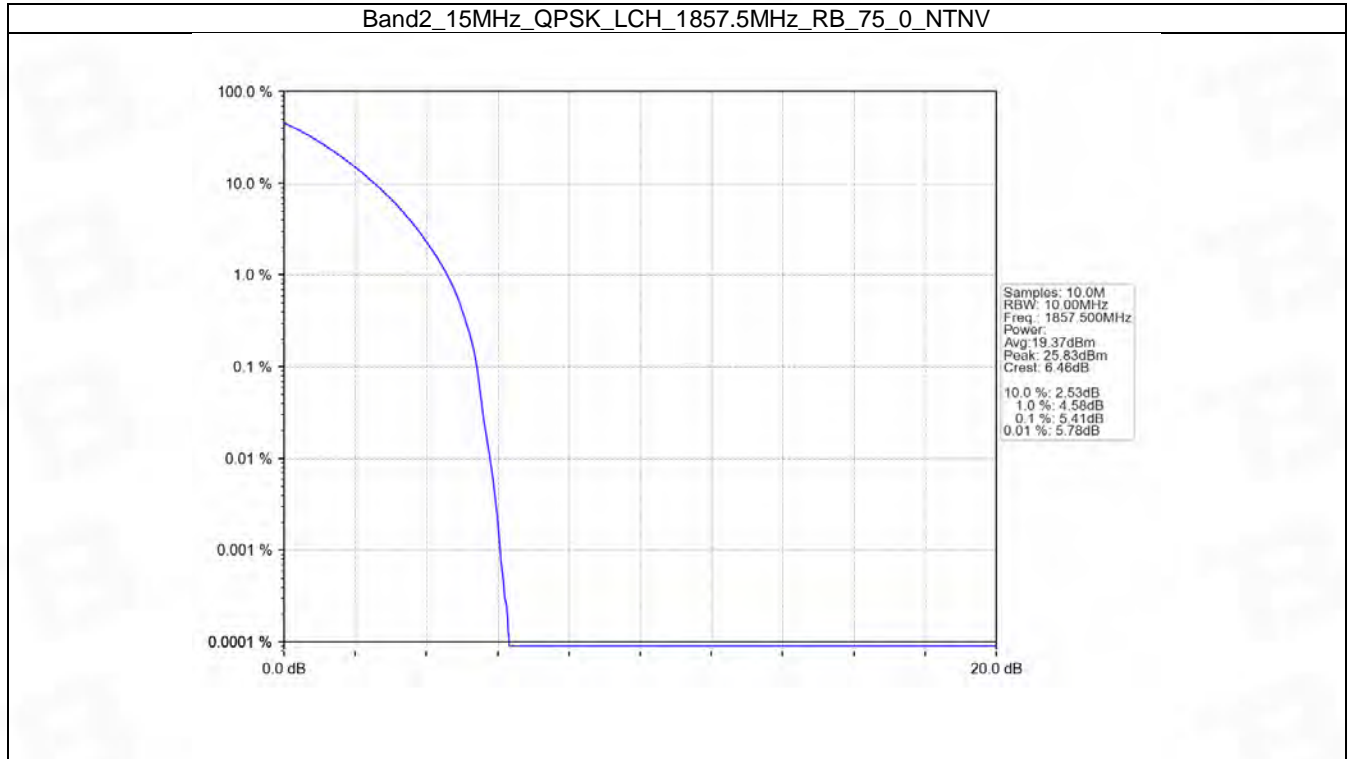


5.5 B2_15MHz

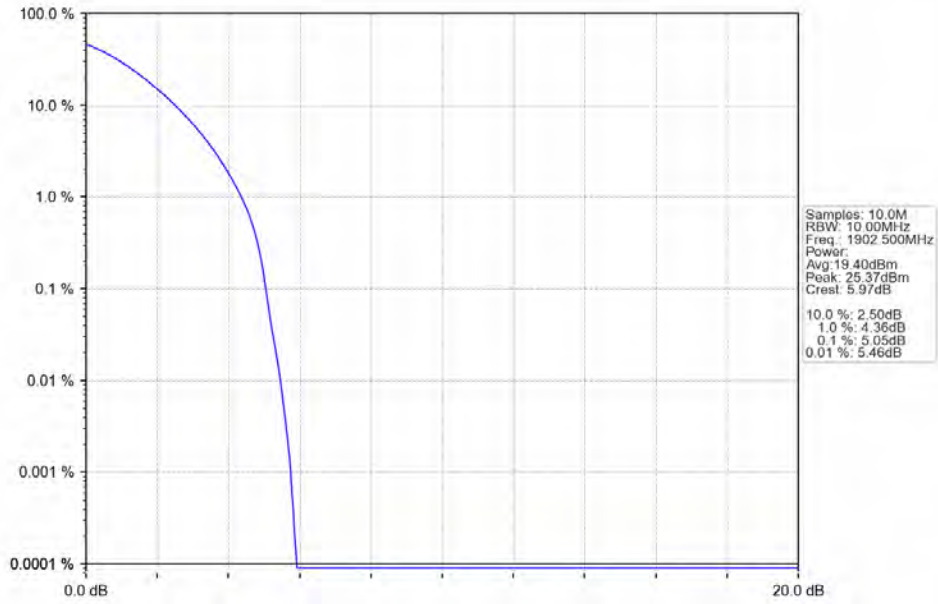
5.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.41	<=13	Pass
	1880	75	0	5.35	<=13	Pass
	1902.5	75	0	5.05	<=13	Pass
16QAM	1857.5	75	0	6.14	<=13	Pass
	1880	75	0	6.09	<=13	Pass
	1902.5	75	0	5.83	<=13	Pass

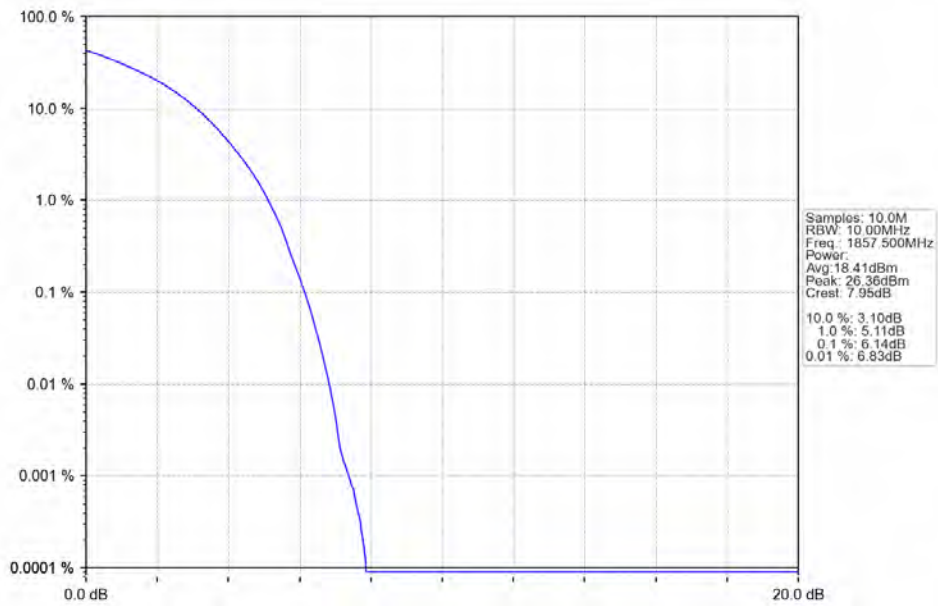
5.5.2 Test Graph



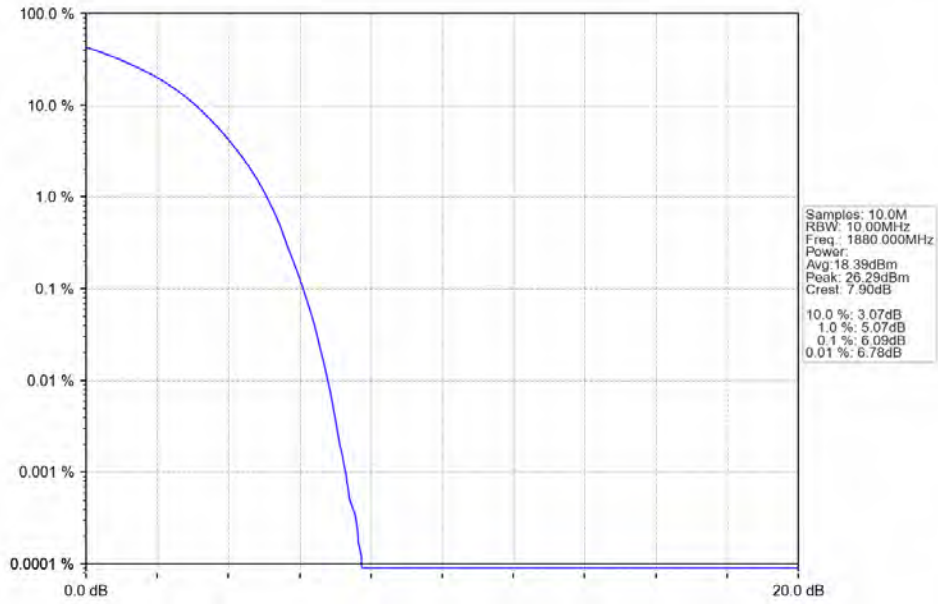
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



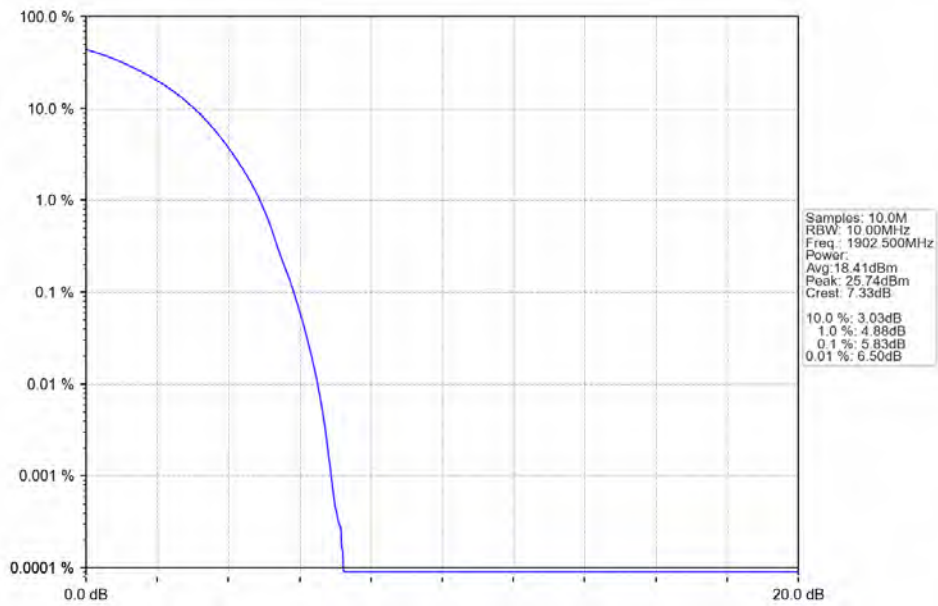
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV

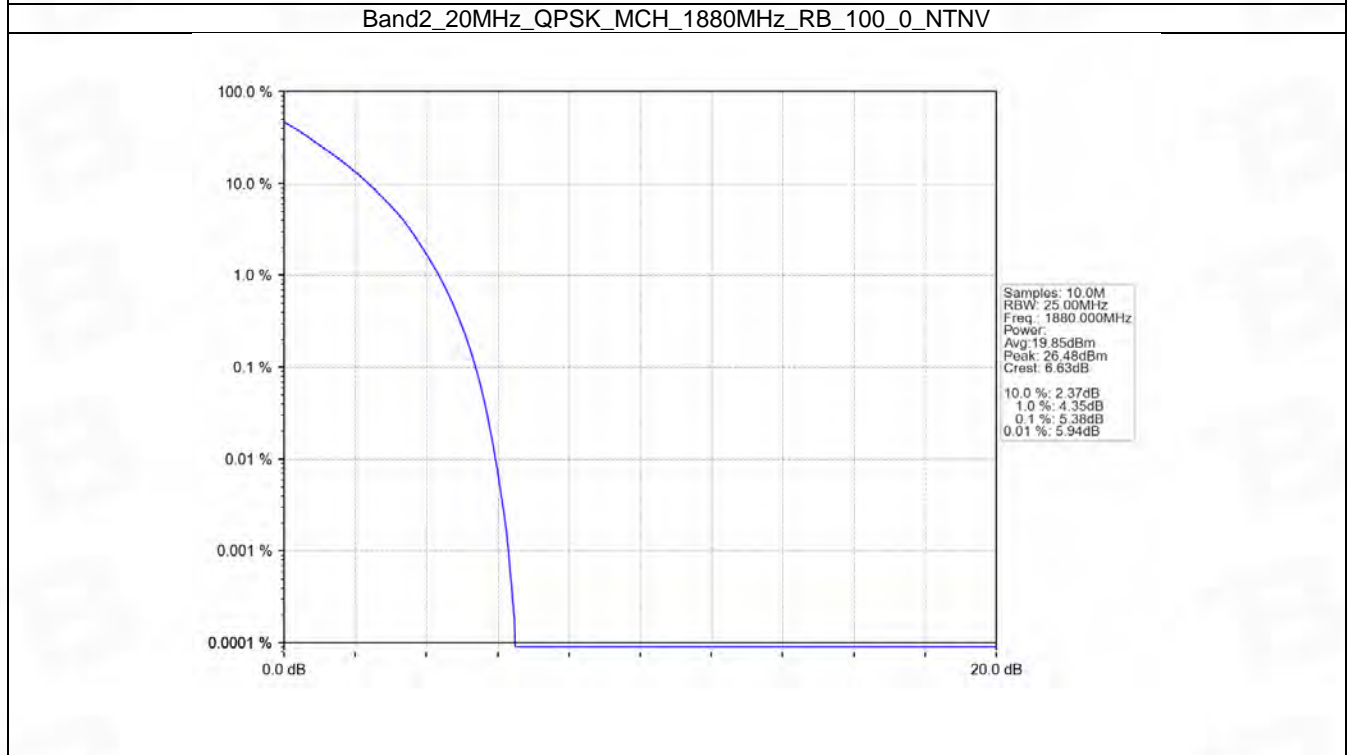
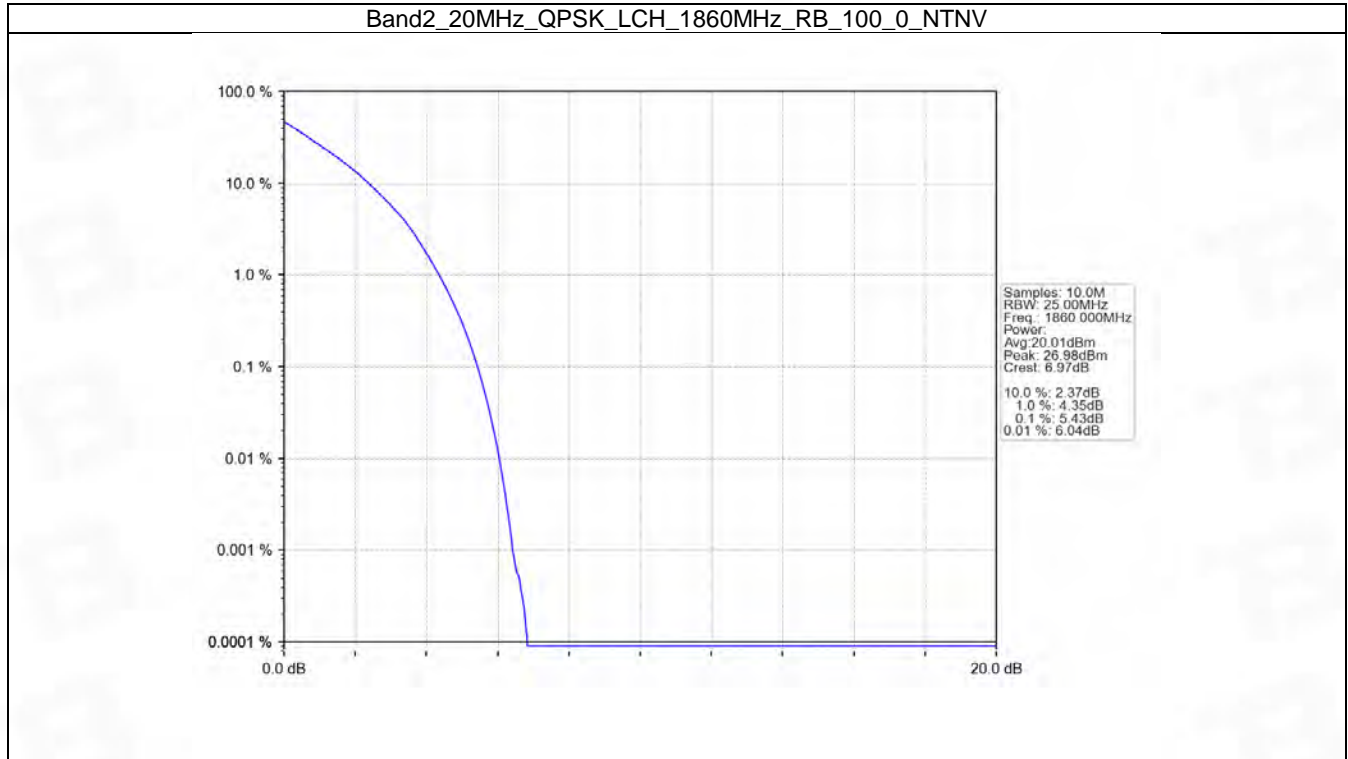


5.6 B2_20MHz

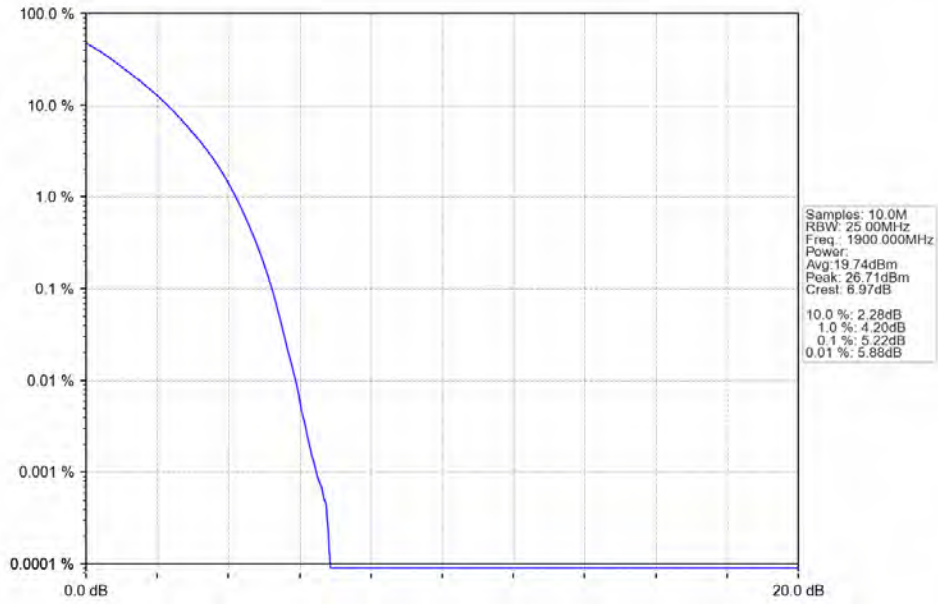
5.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.43	<=13	Pass
	1880	100	0	5.38	<=13	Pass
	1900	100	0	5.22	<=13	Pass
16QAM	1860	100	0	6.06	<=13	Pass
	1880	100	0	6.11	<=13	Pass
	1900	100	0	5.89	<=13	Pass

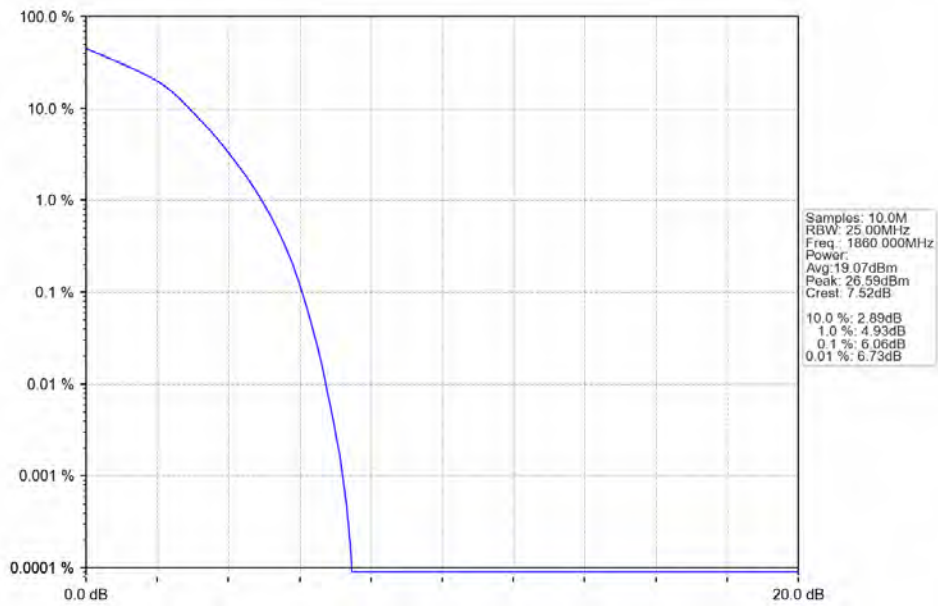
5.6.2 Test Graph



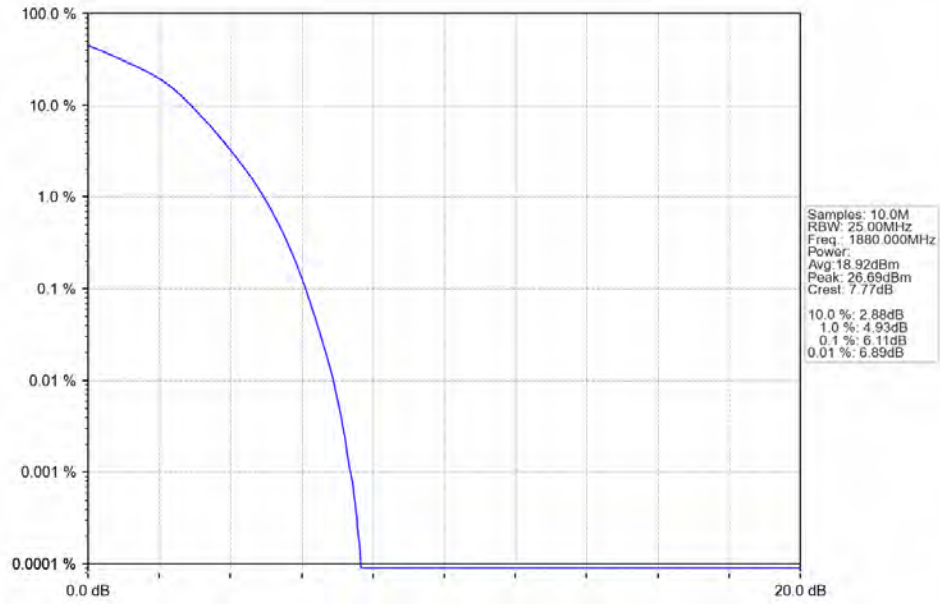
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



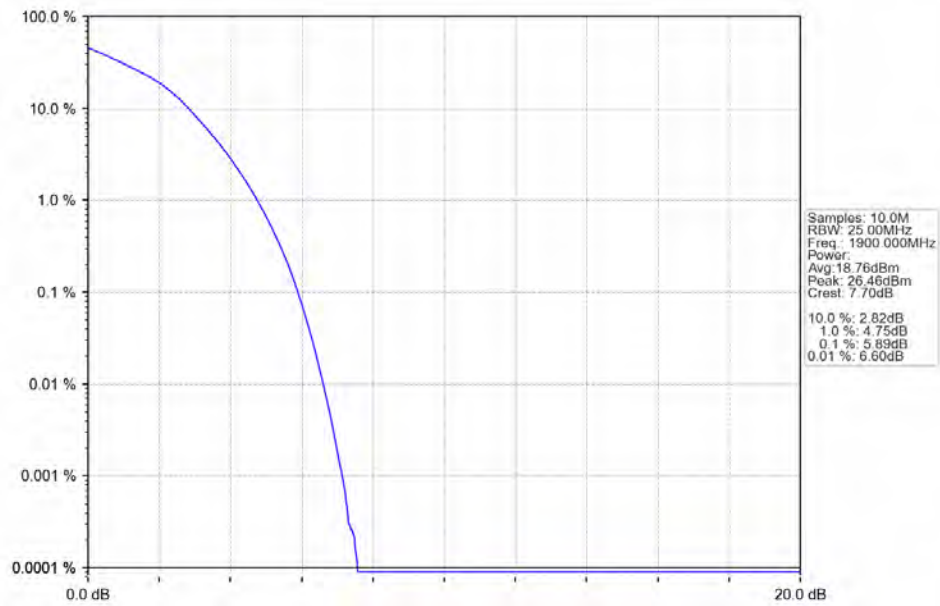
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



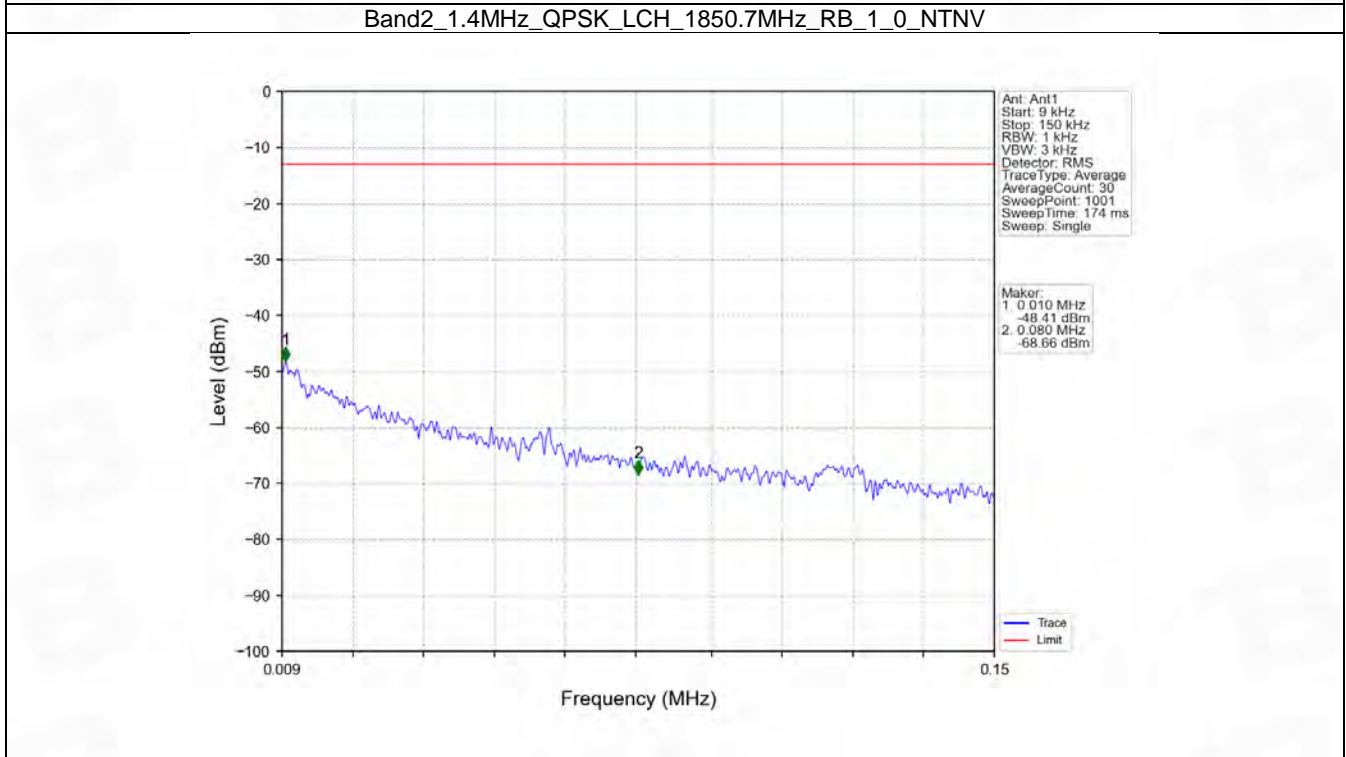
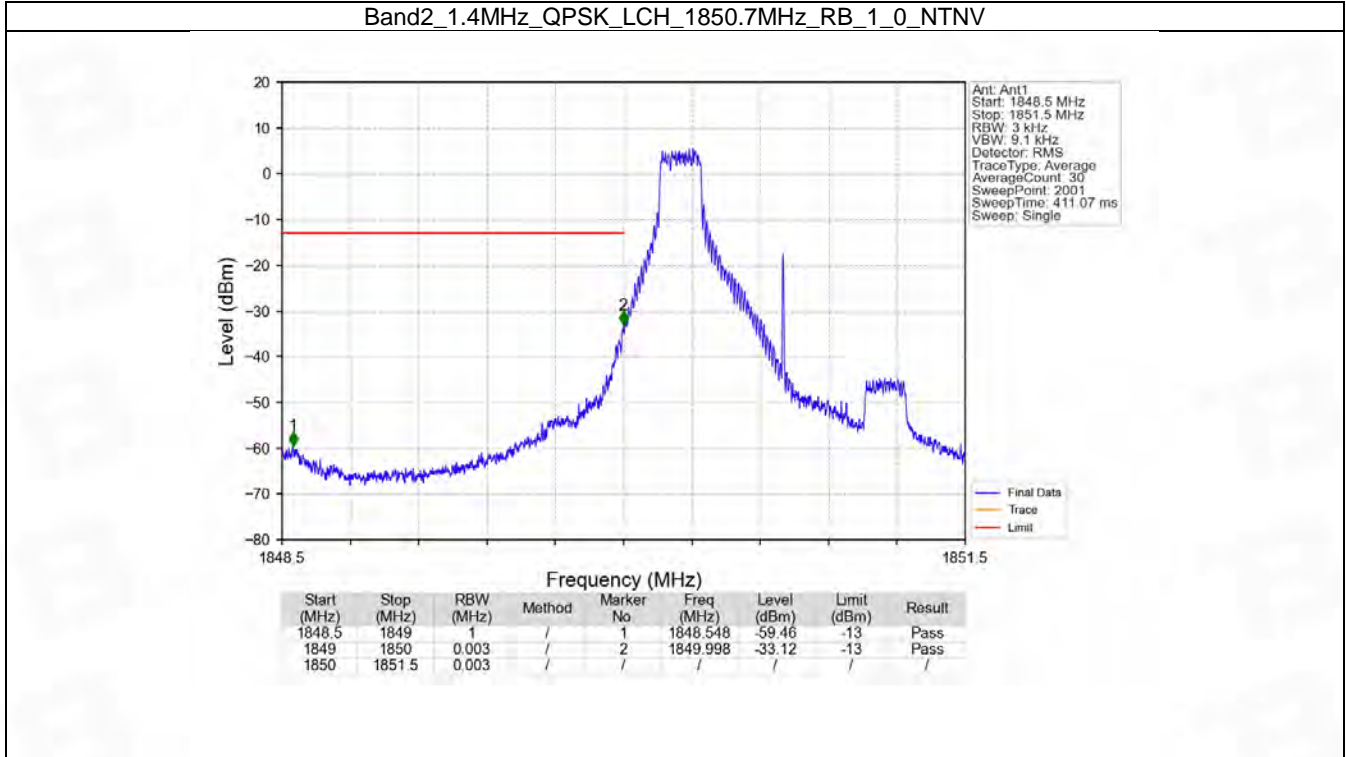
6. Spurious Emission

6.1 B2_1.4MHz

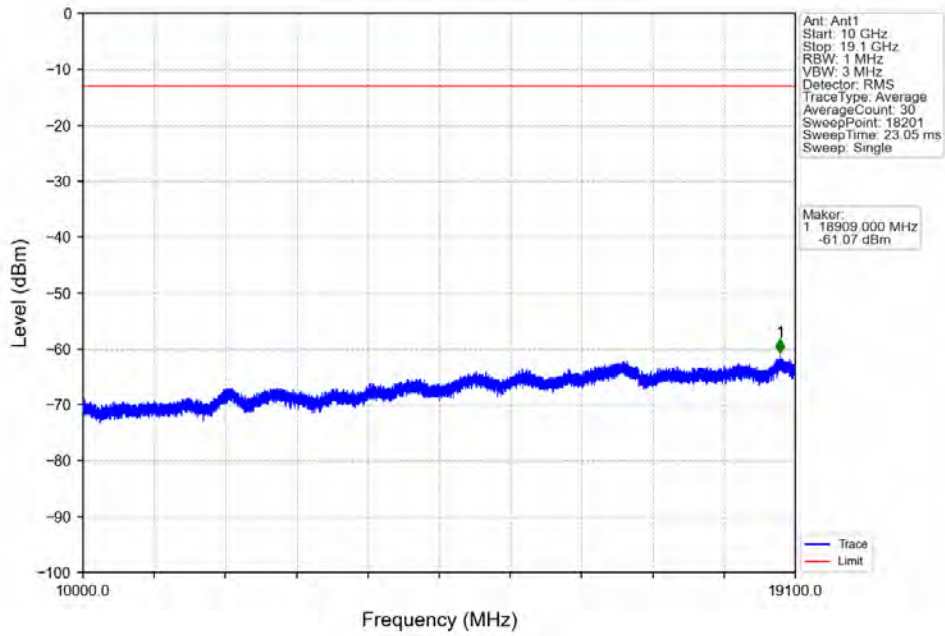
6.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV							
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	
	1909.3	1880	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		6		0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass
16QAM	1850.7	1		0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	
	1909.3	1880	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		6		0	Refer To Test Graph		Pass
			5	0	Refer To Test Graph		Pass

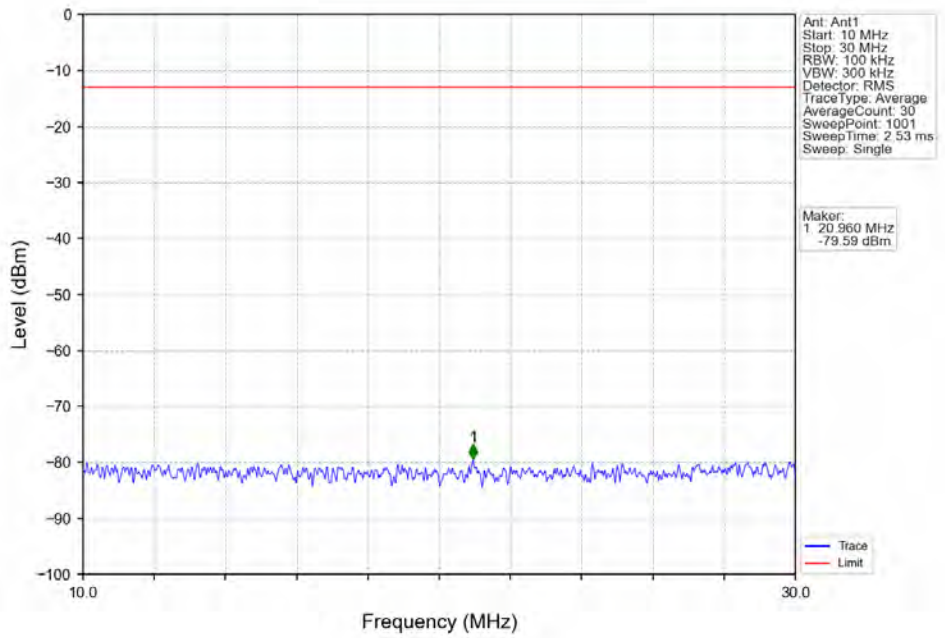
6.1.2 Test Graph



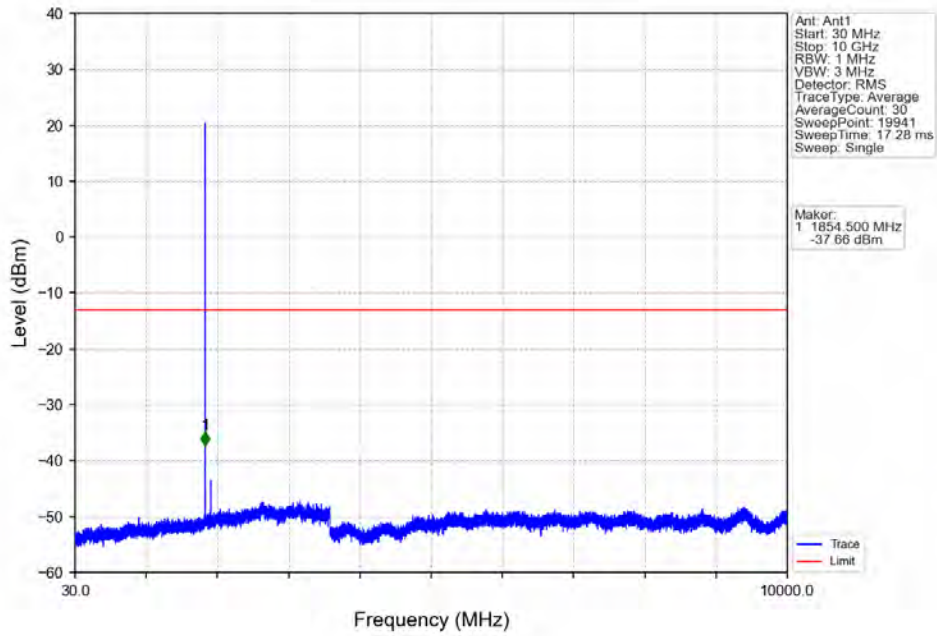
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



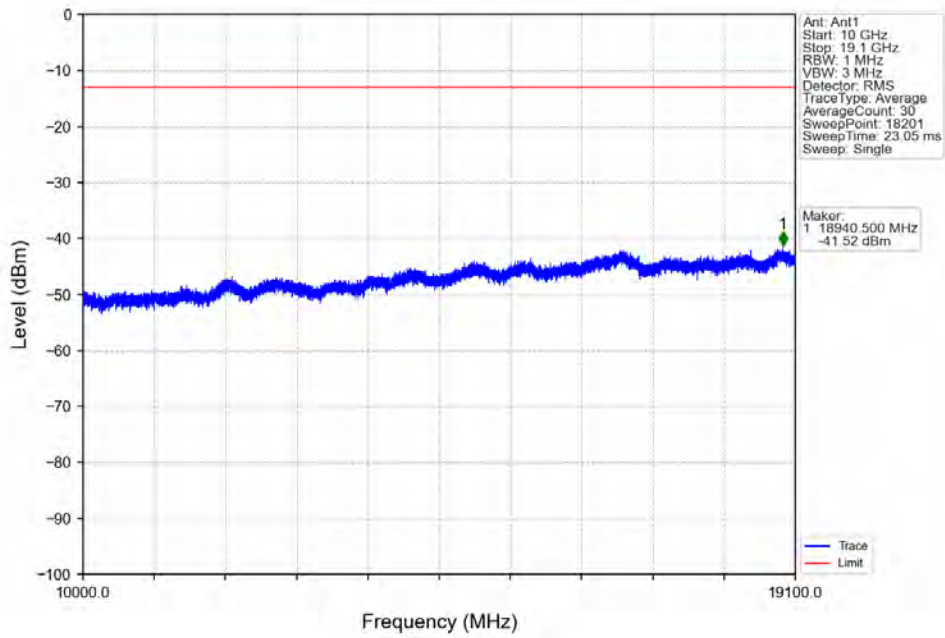
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



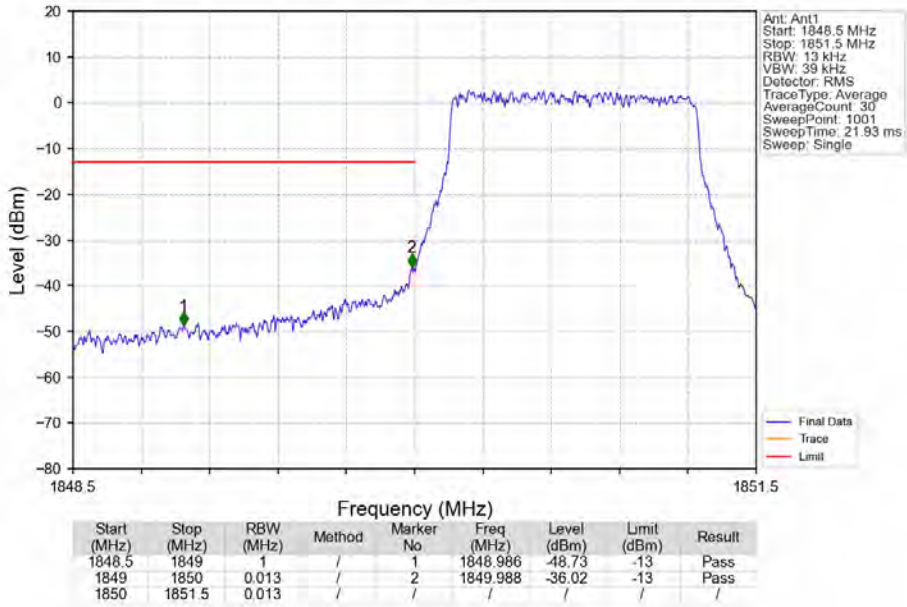
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



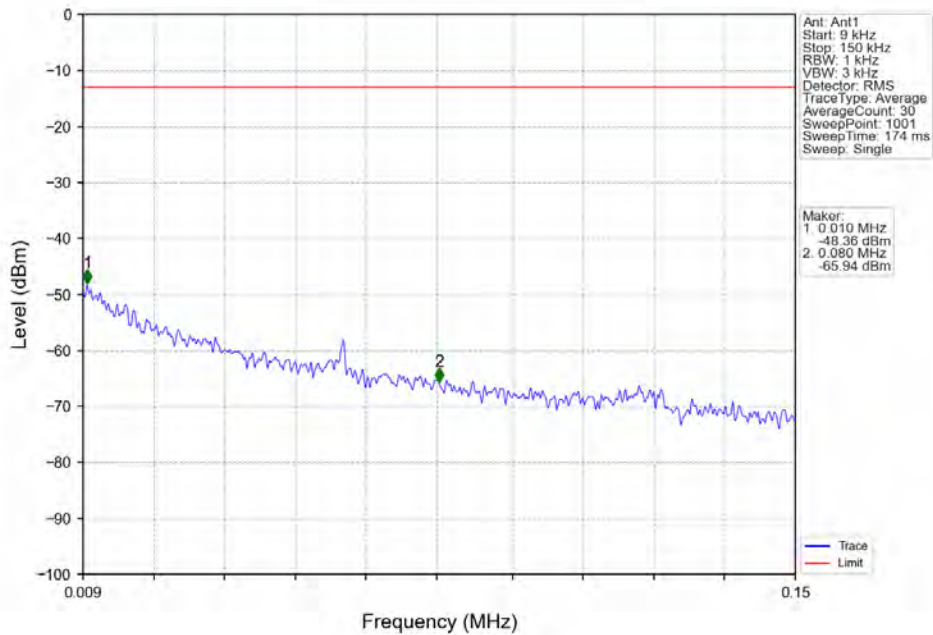
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



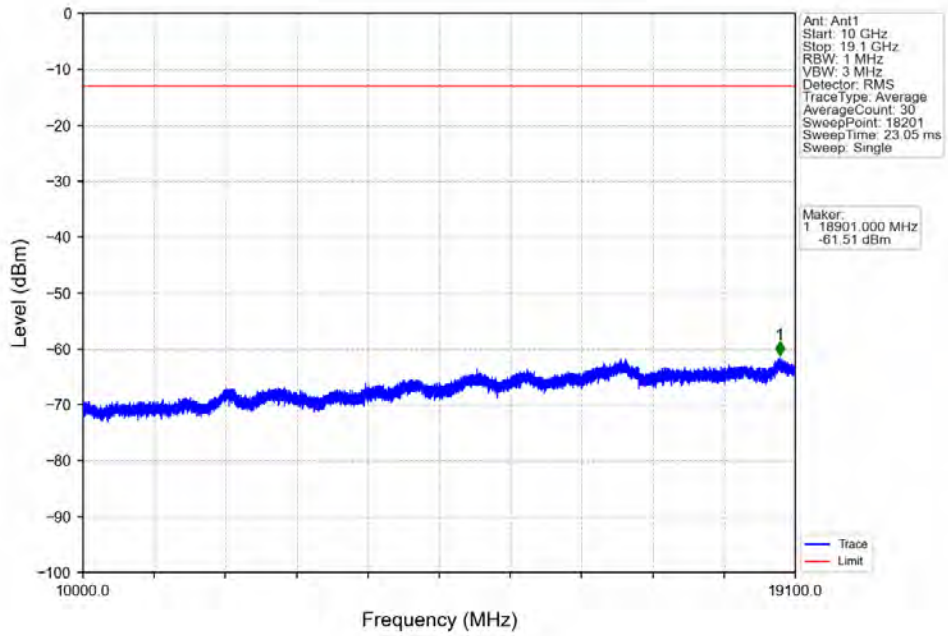
Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV



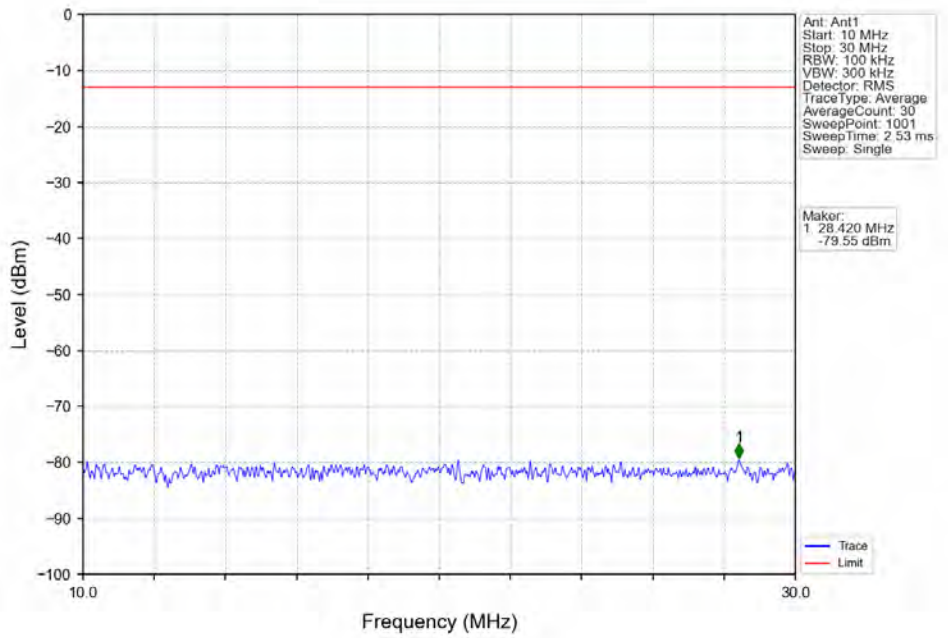
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



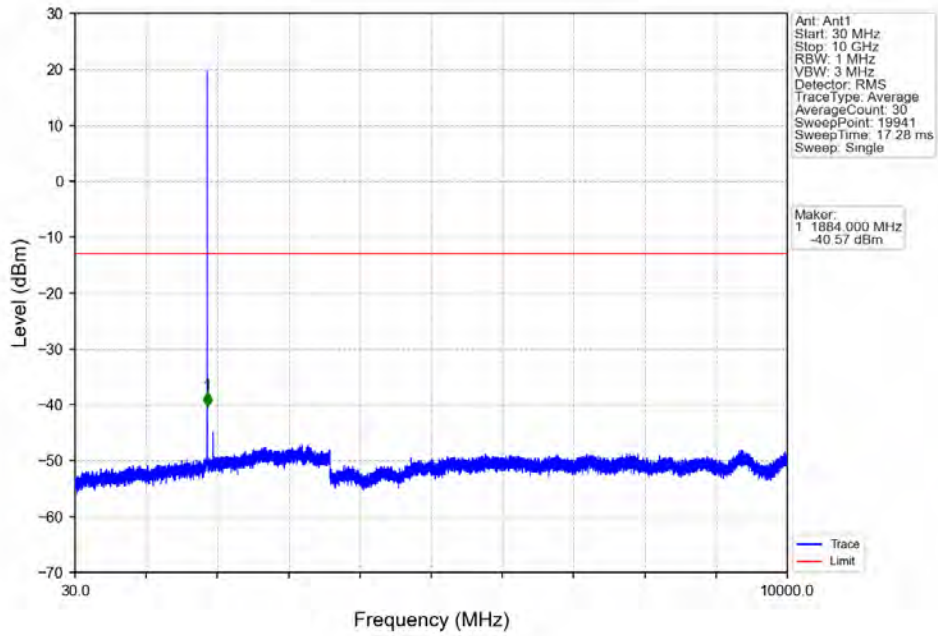
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



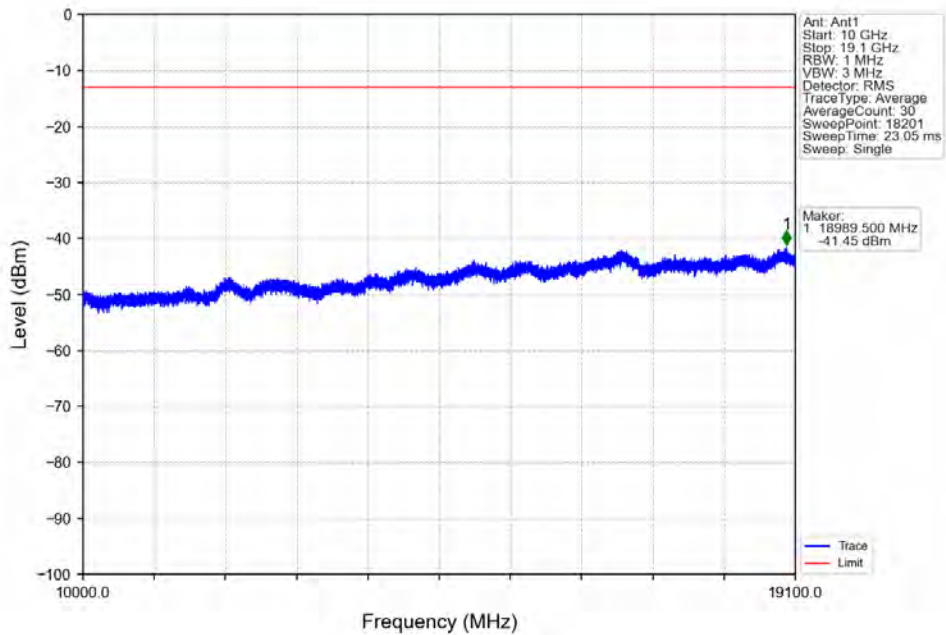
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



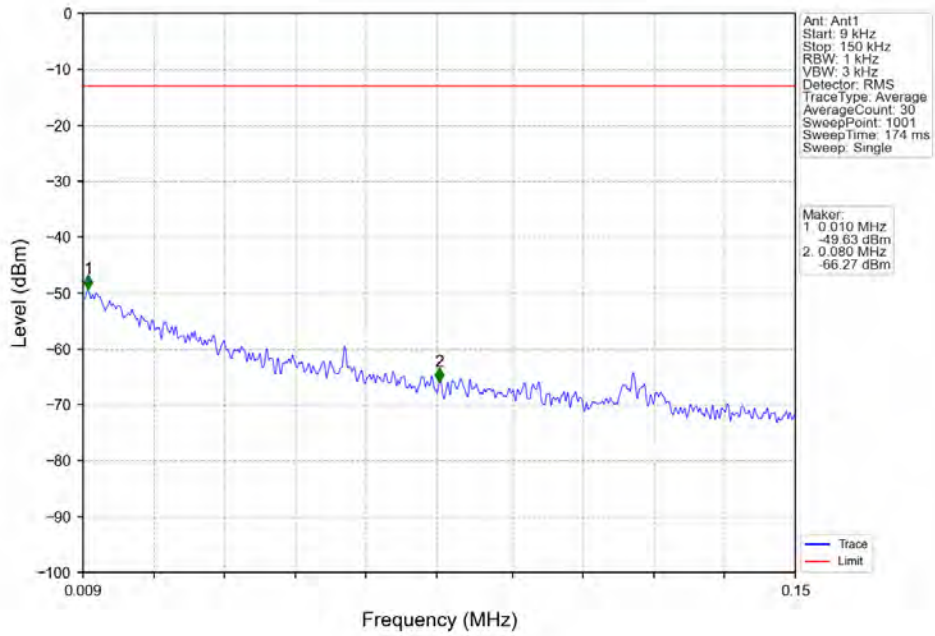
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



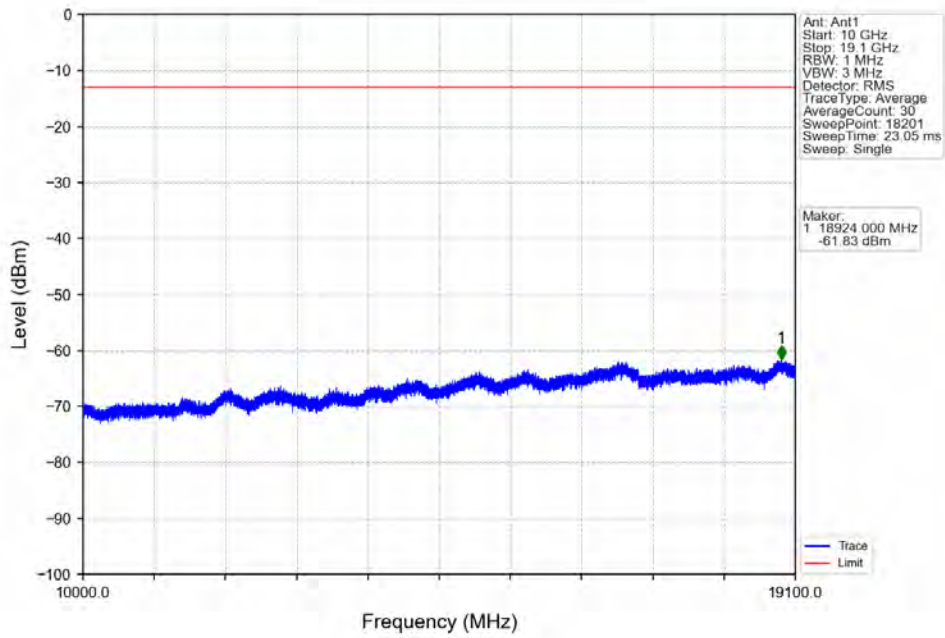
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



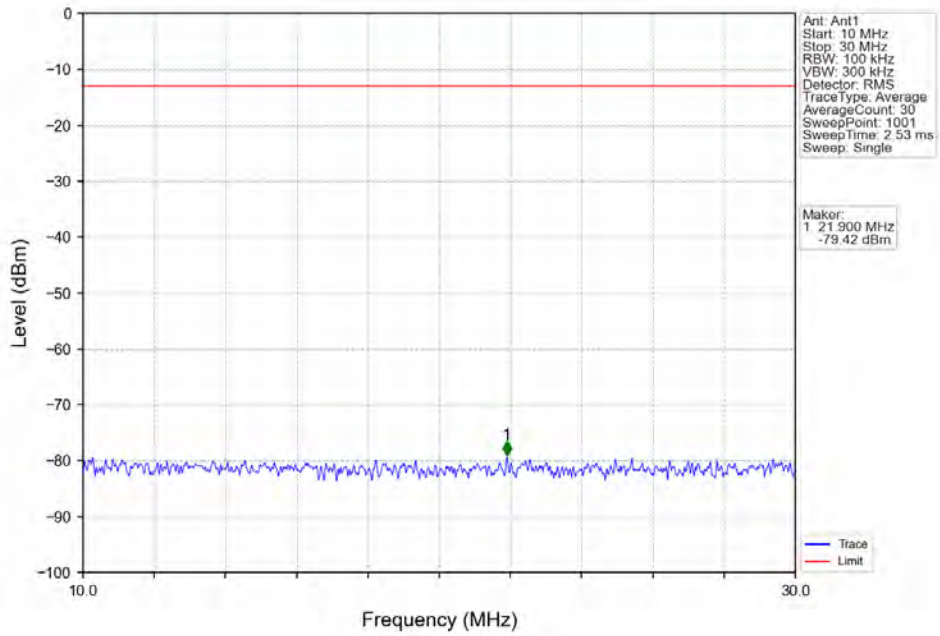
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



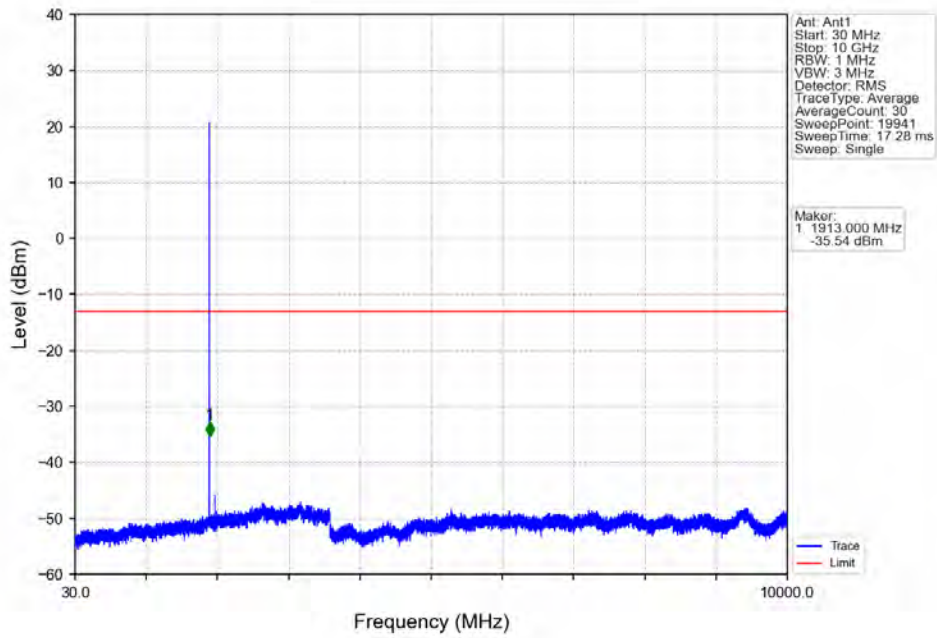
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



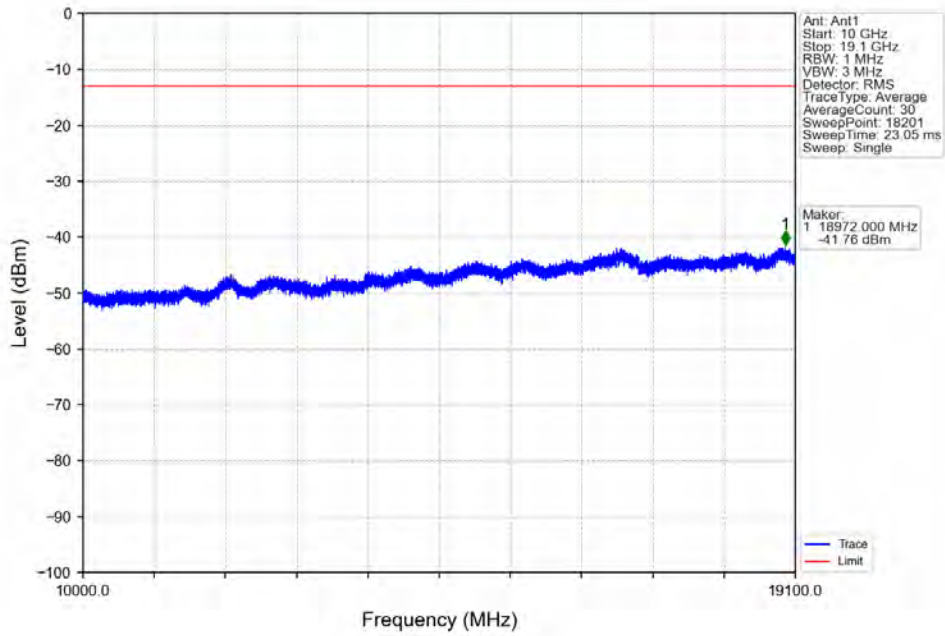
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



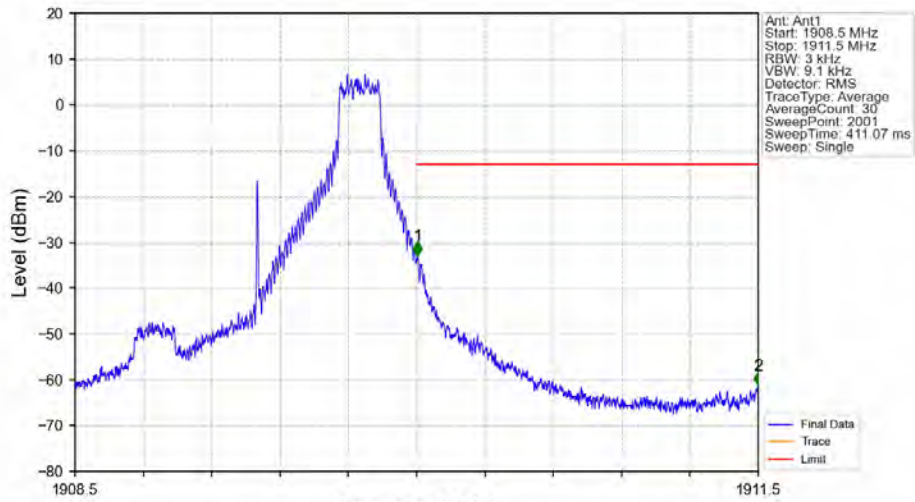
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

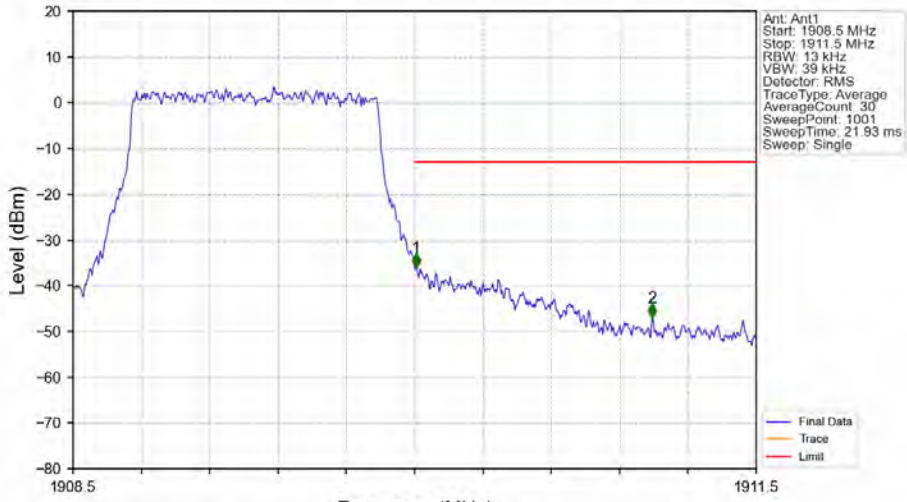


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTNV



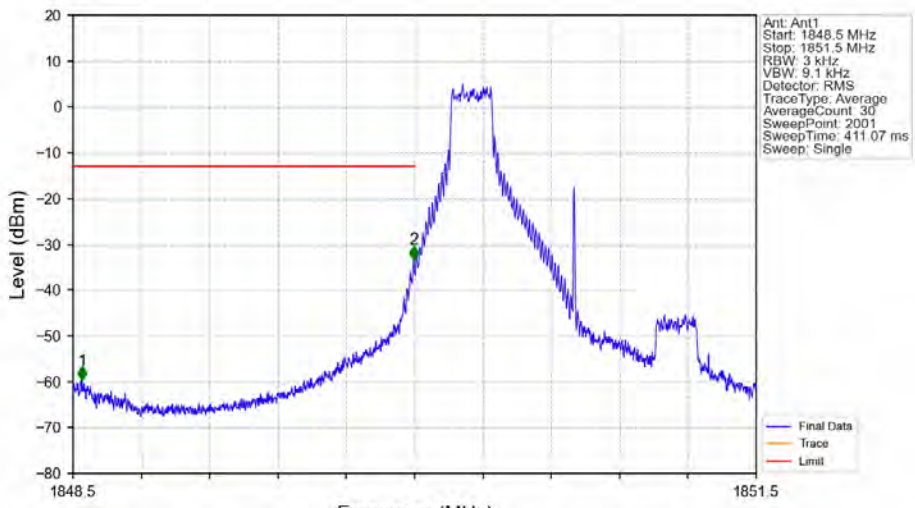
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-32.94	-13	Pass
1911	1911.5	1	/	2	1911.500	-61.35	-13	Pass

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



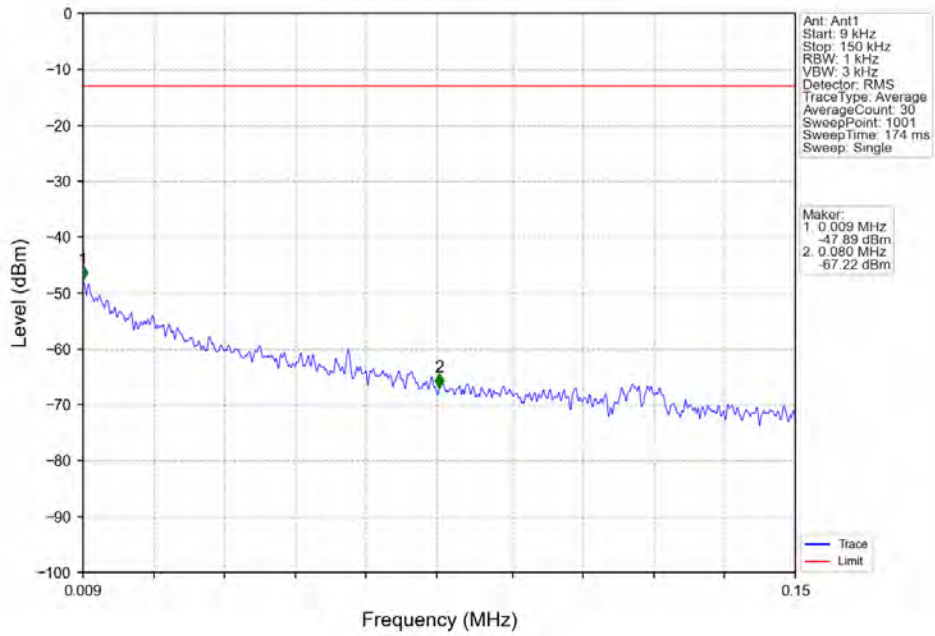
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	1	1910.006	-36.10	-13	Pass
1910	1911.5	1	/	2	1911.044	-47.00	-13	Pass

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

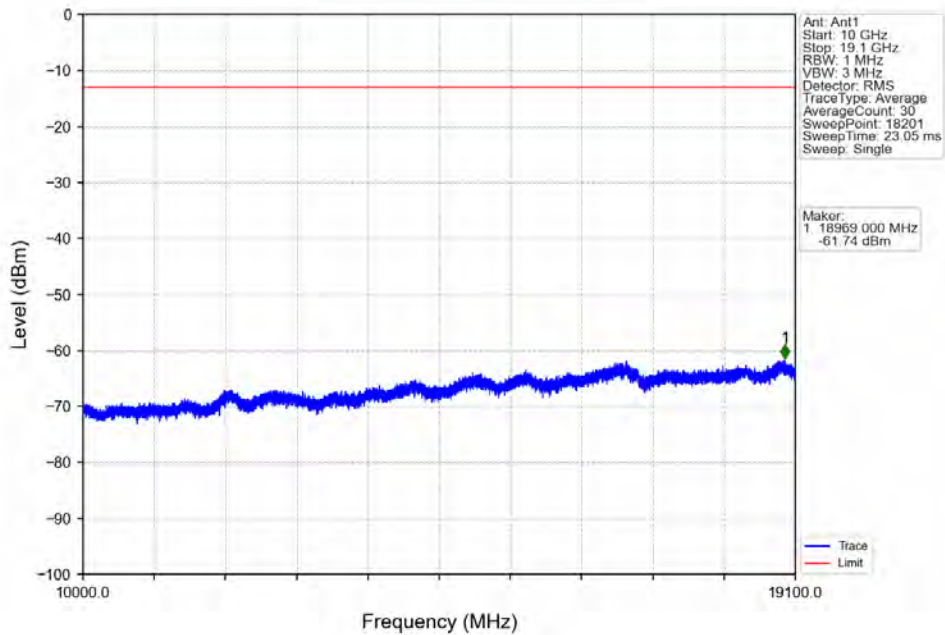


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.541	-59.67	-13	Pass
1849	1850	0.003	/	2	1849.995	-33.35	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

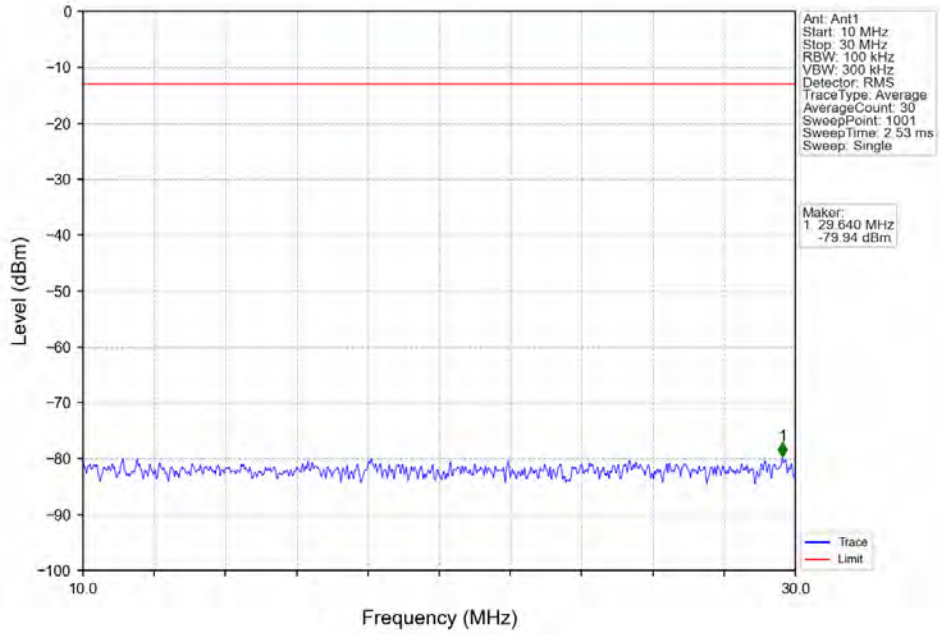
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



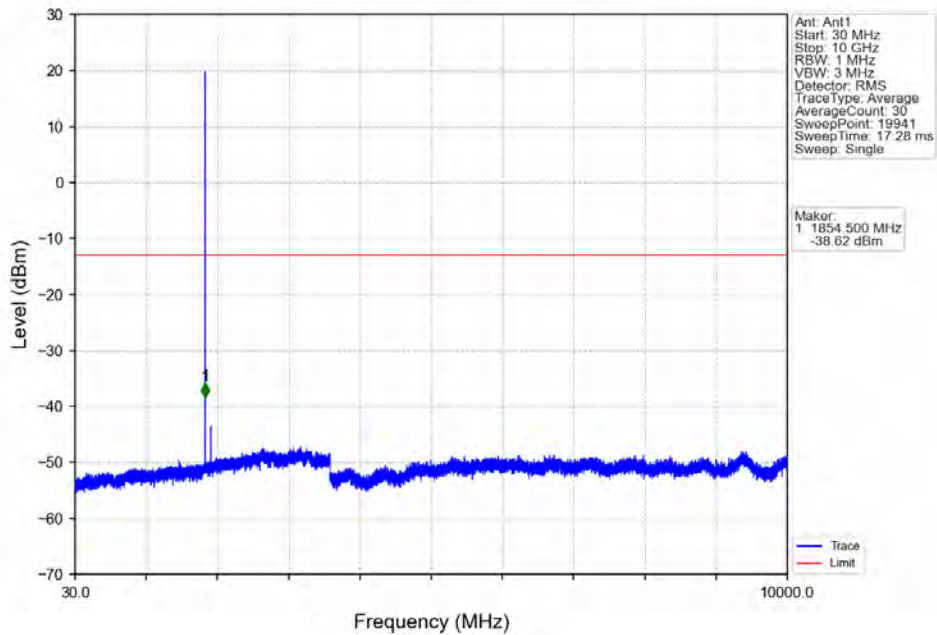
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



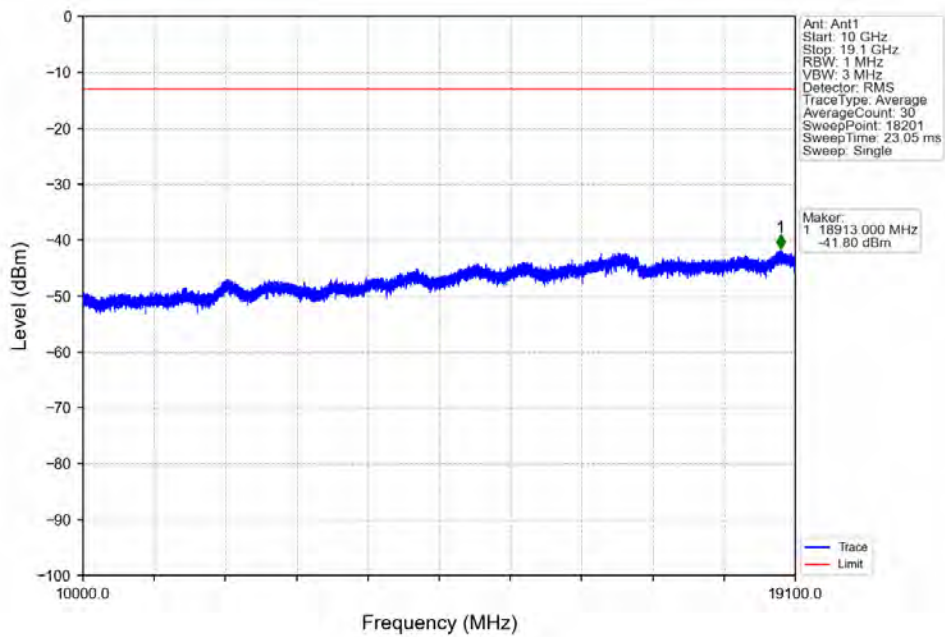
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



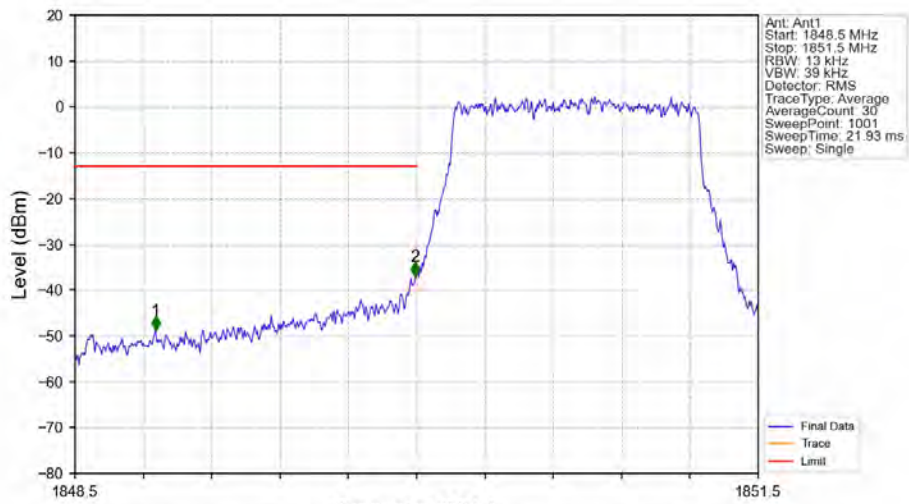
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

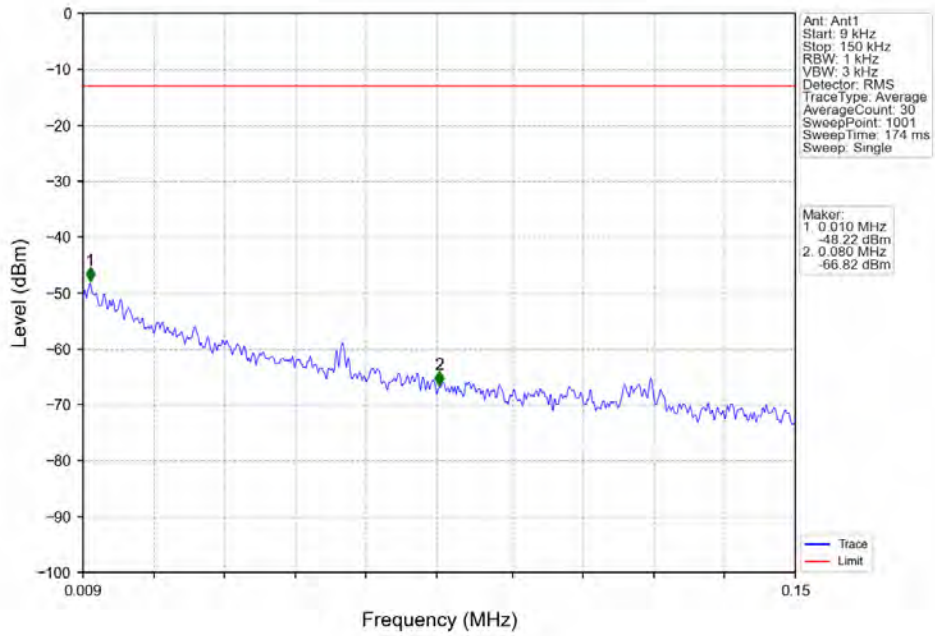


Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

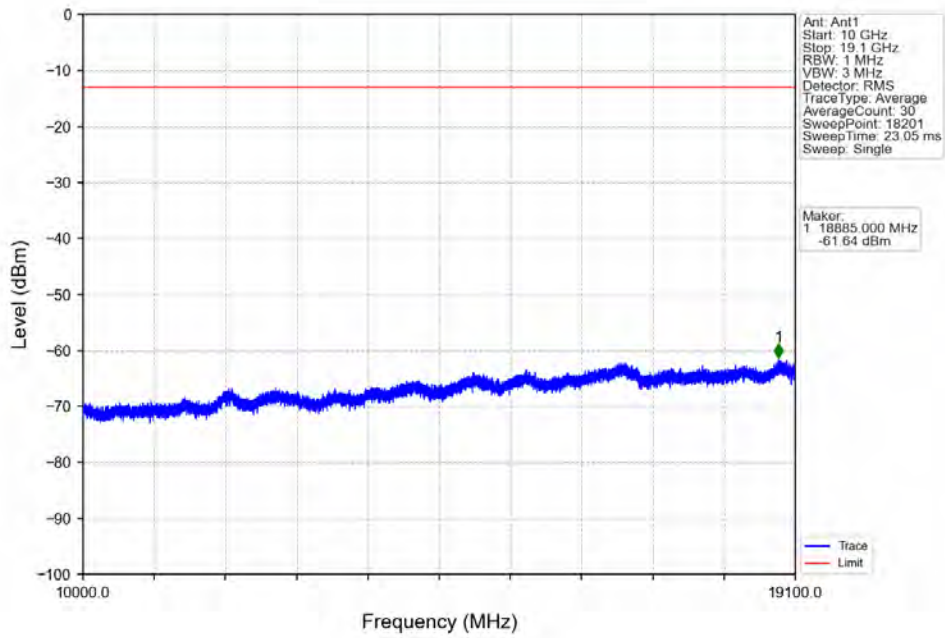


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.854	-48.84	-13	Pass
1849	1850	0.013	/	2	1849.994	-36.95	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

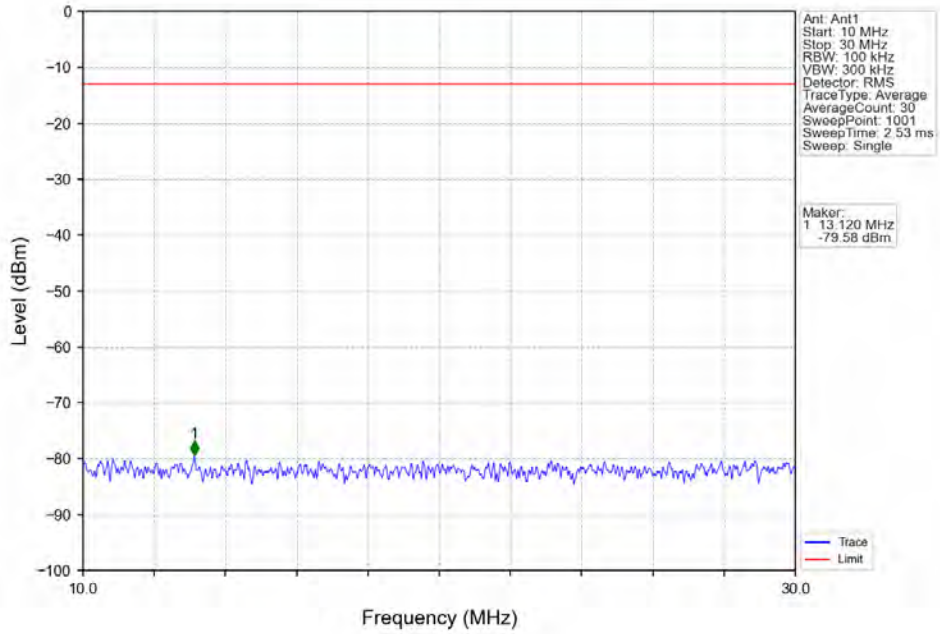
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



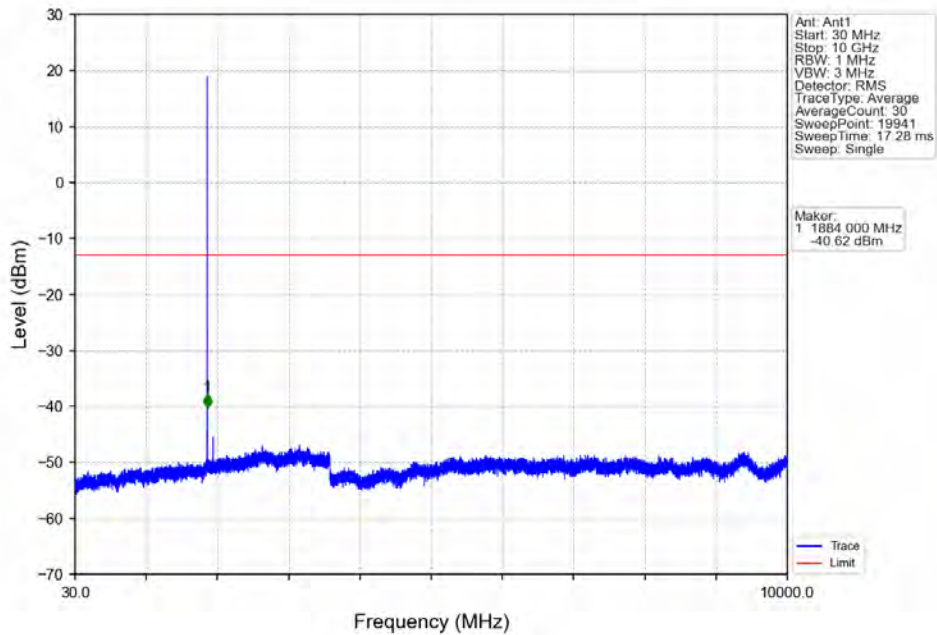
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



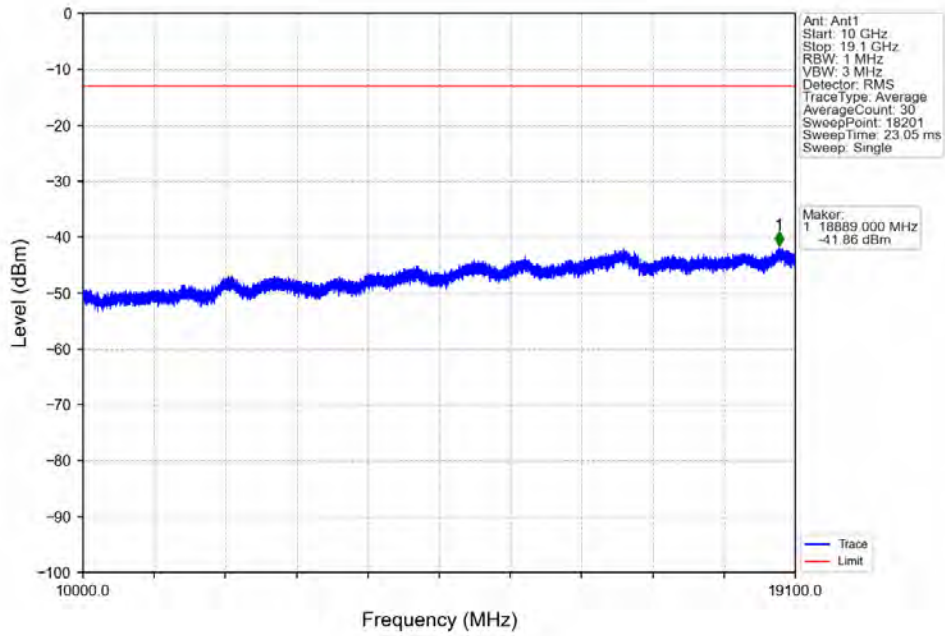
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



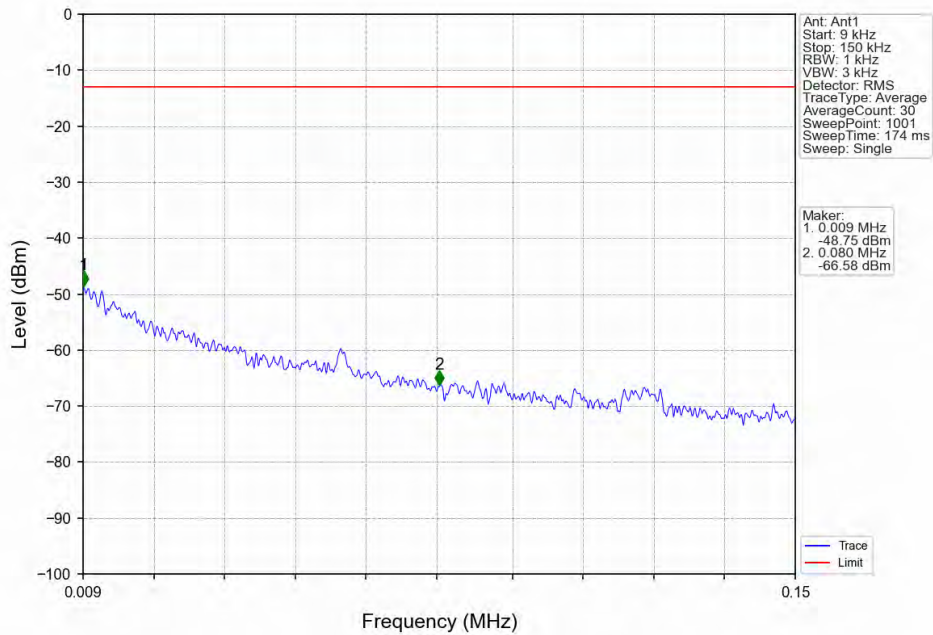
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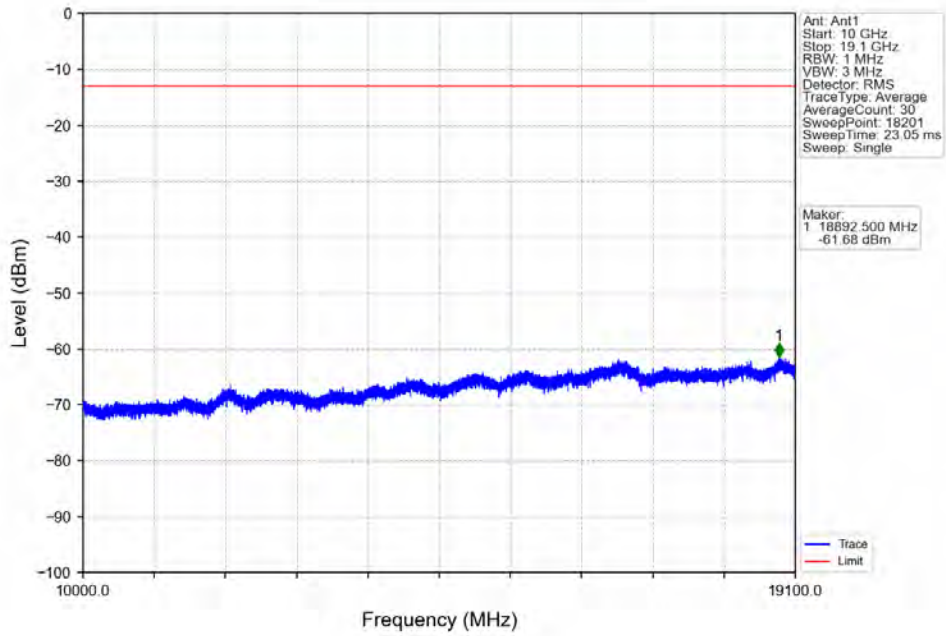
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



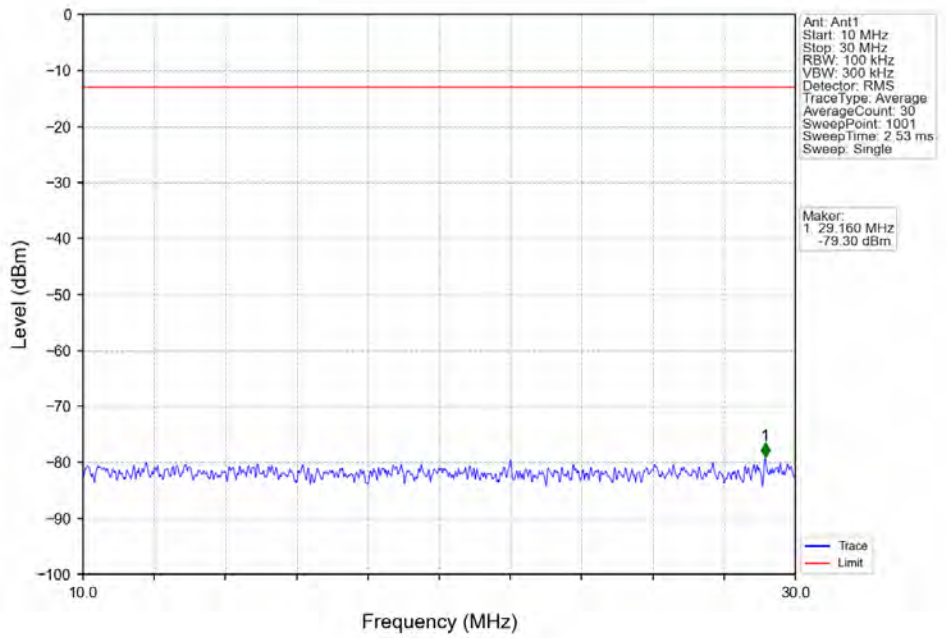
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



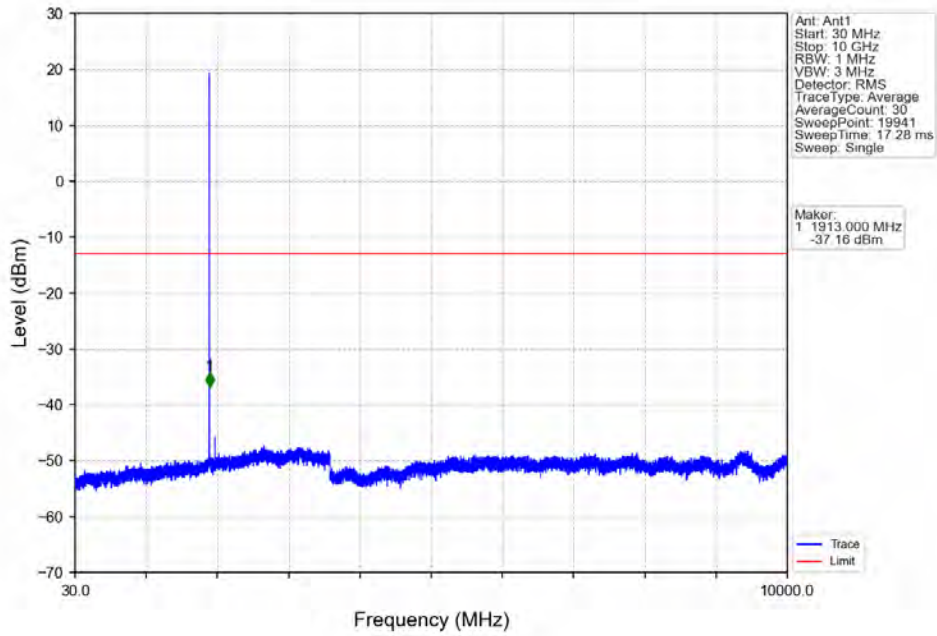
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



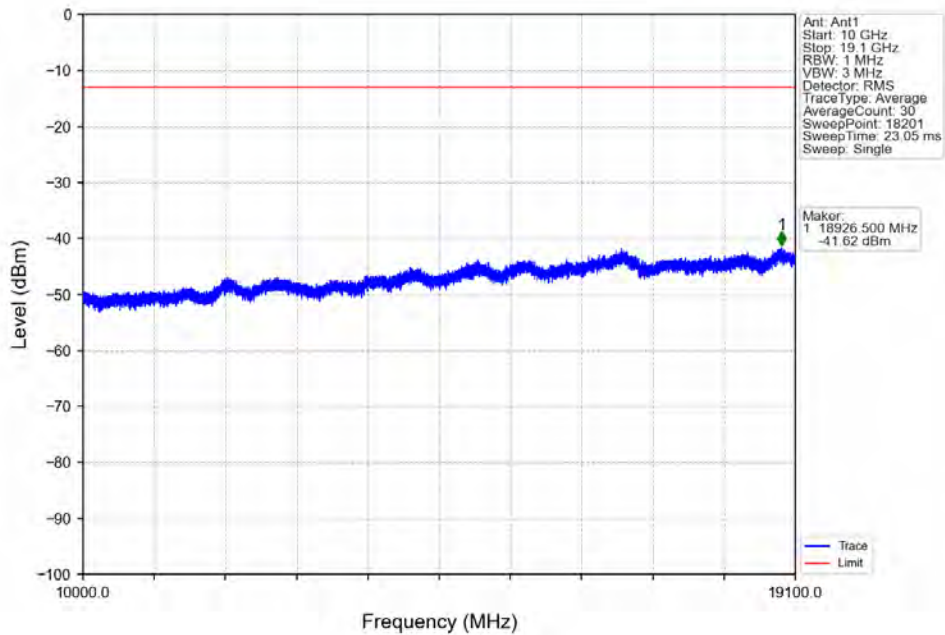
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



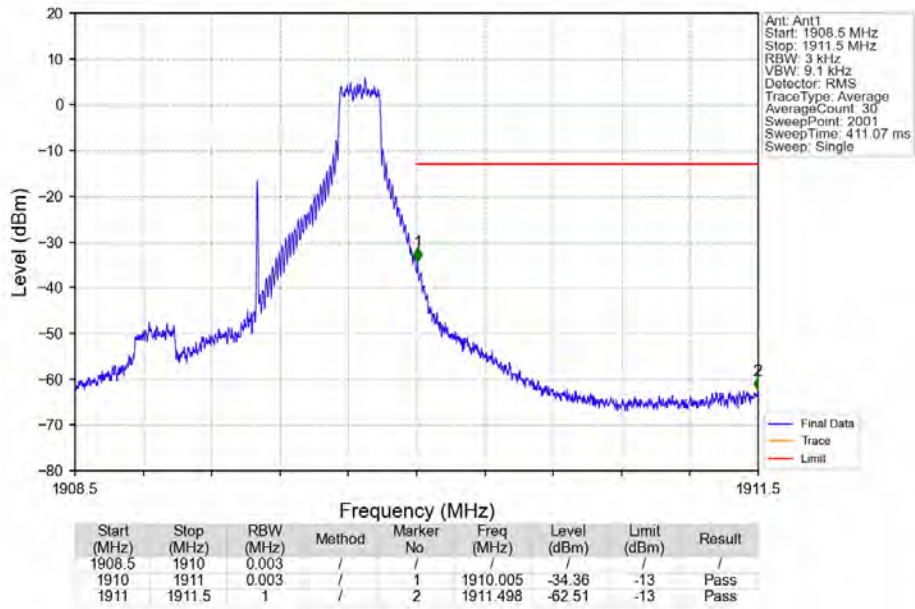
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



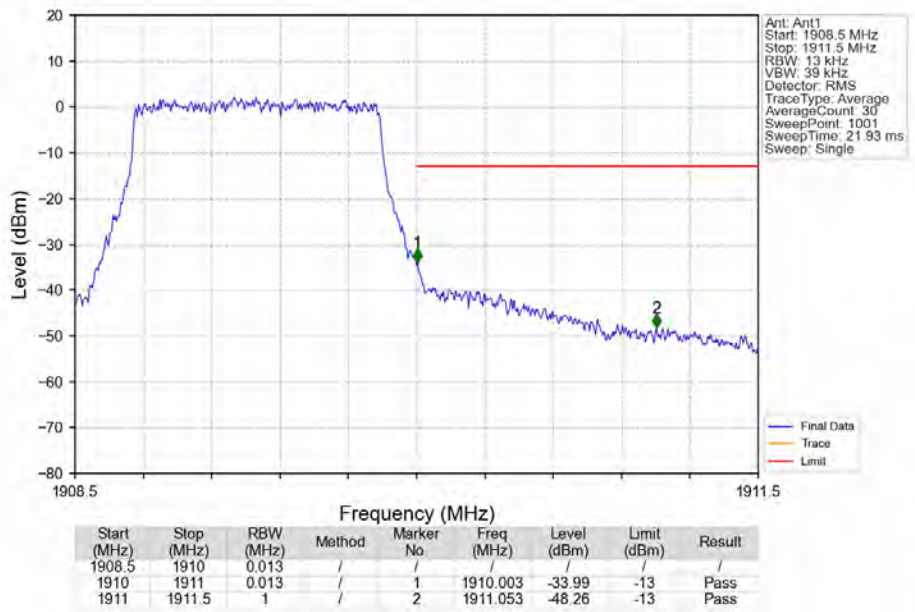
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_5_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV

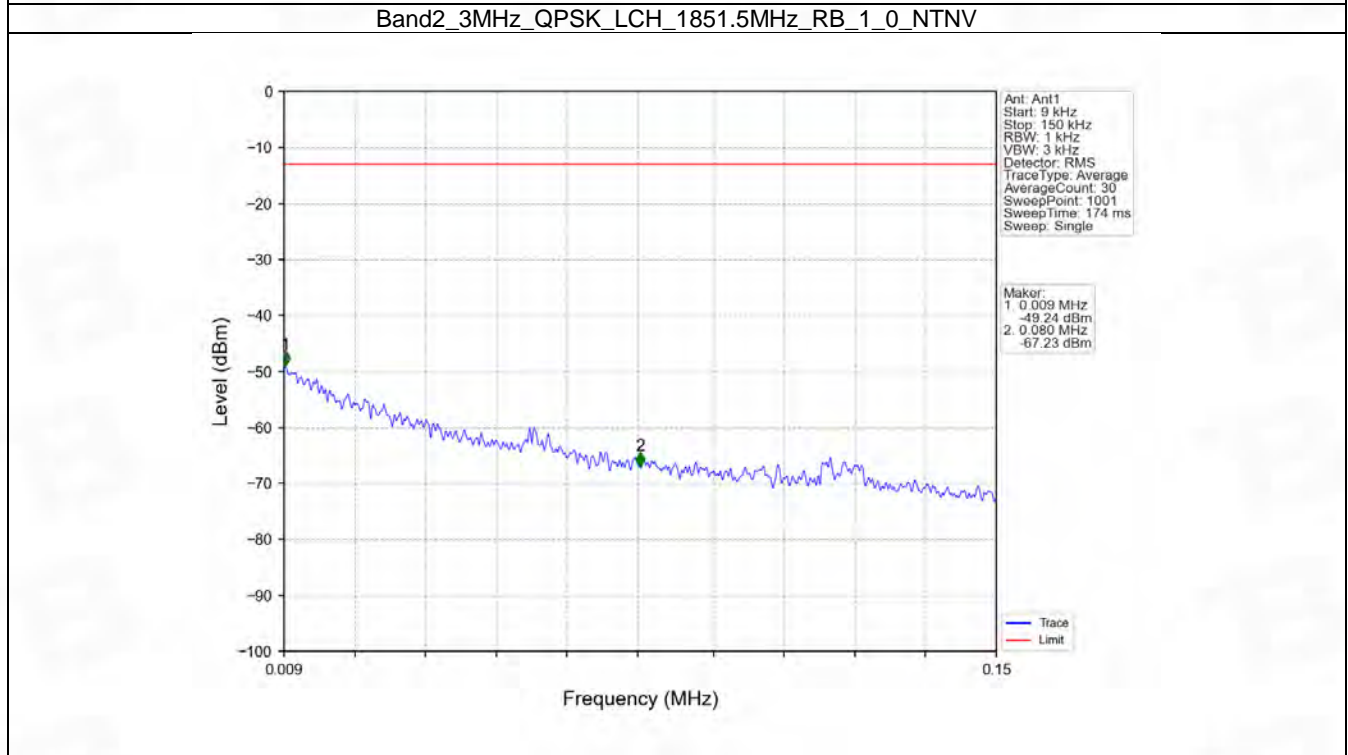
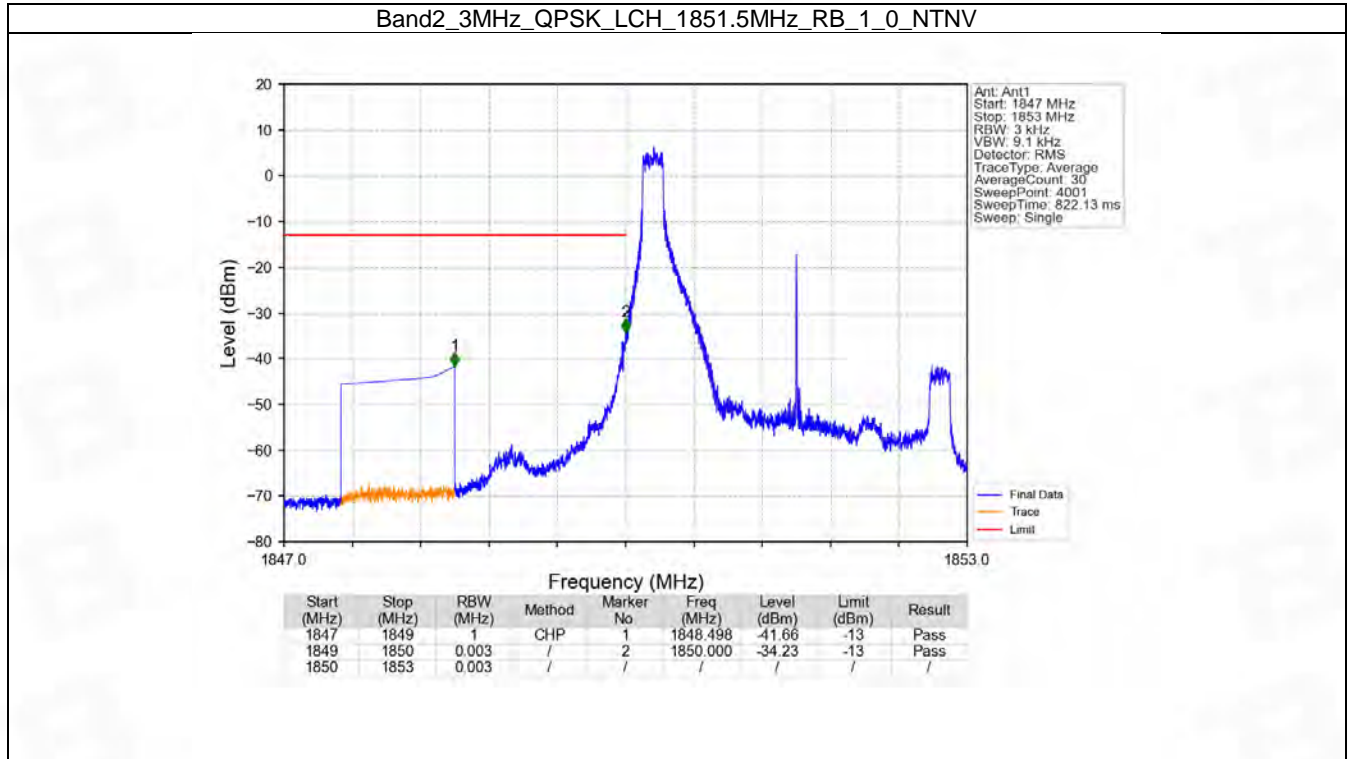


6.2 B2_3MHz

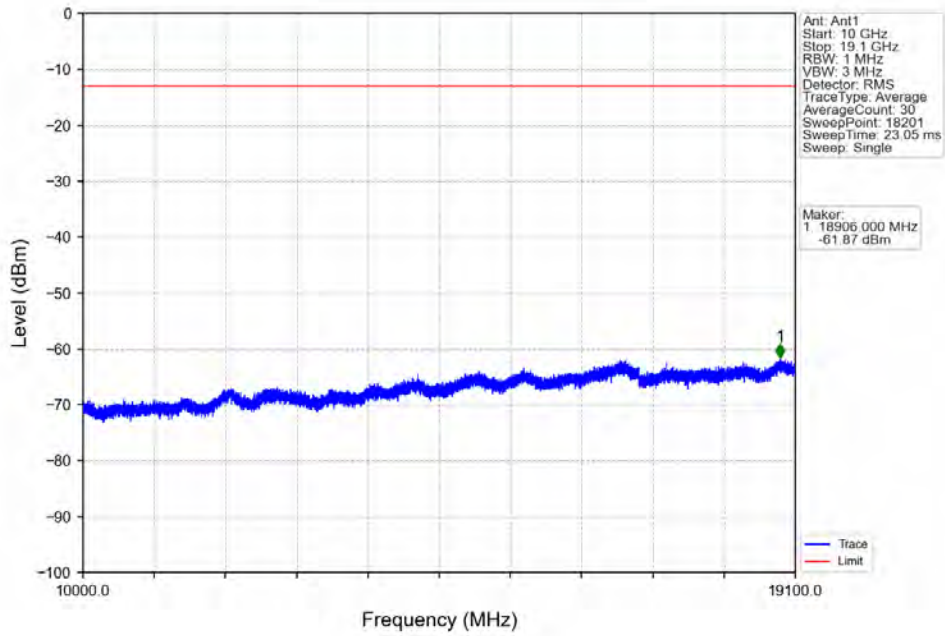
6.2.1 Test Result

Band: 2 / 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
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1880	1	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

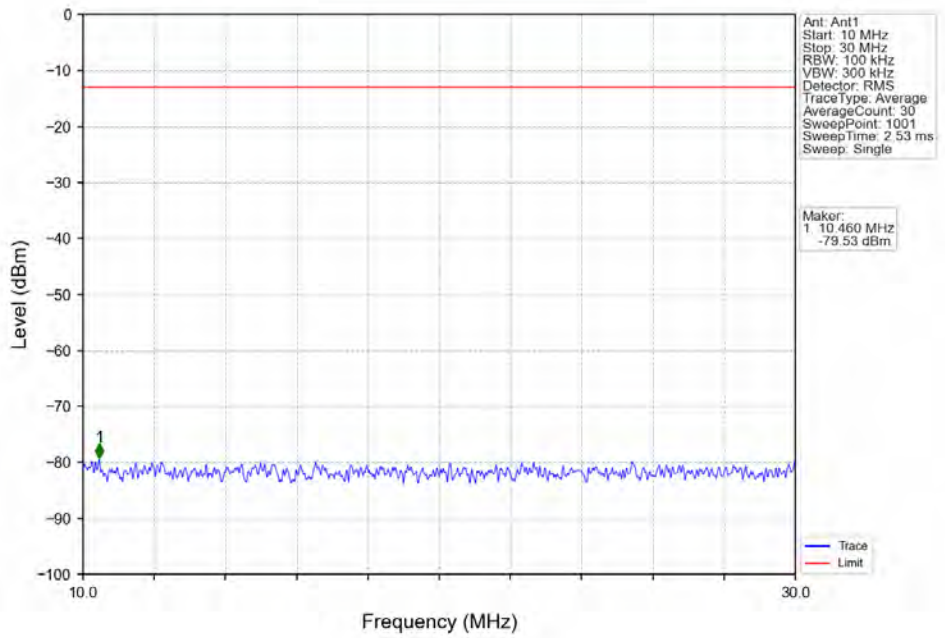
6.2.2 Test Graph



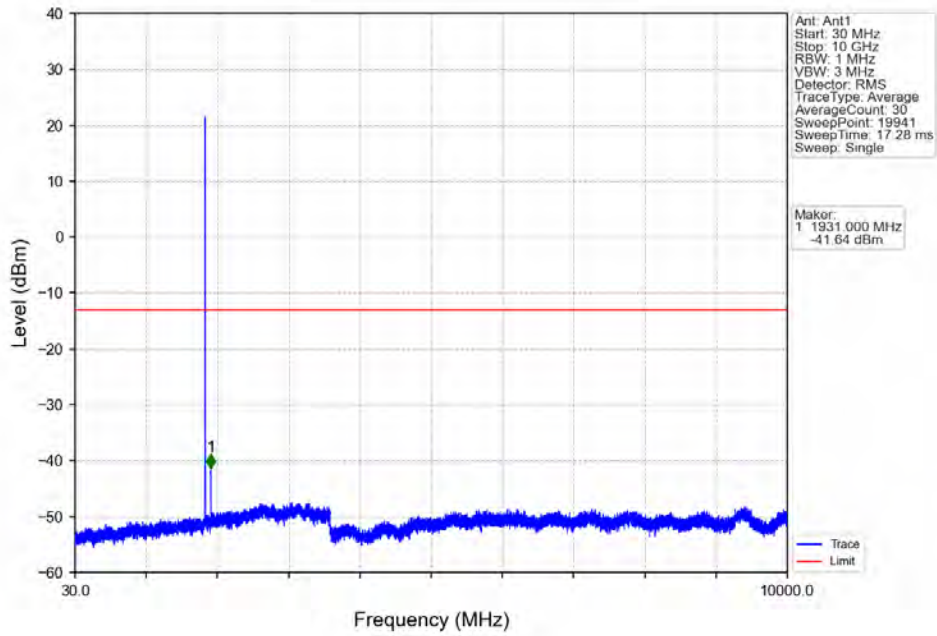
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



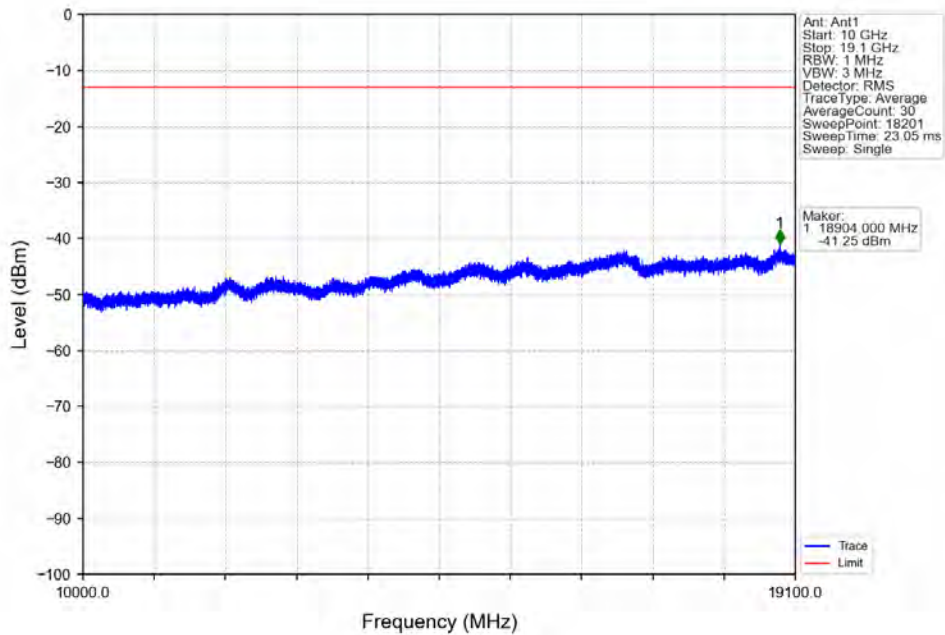
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



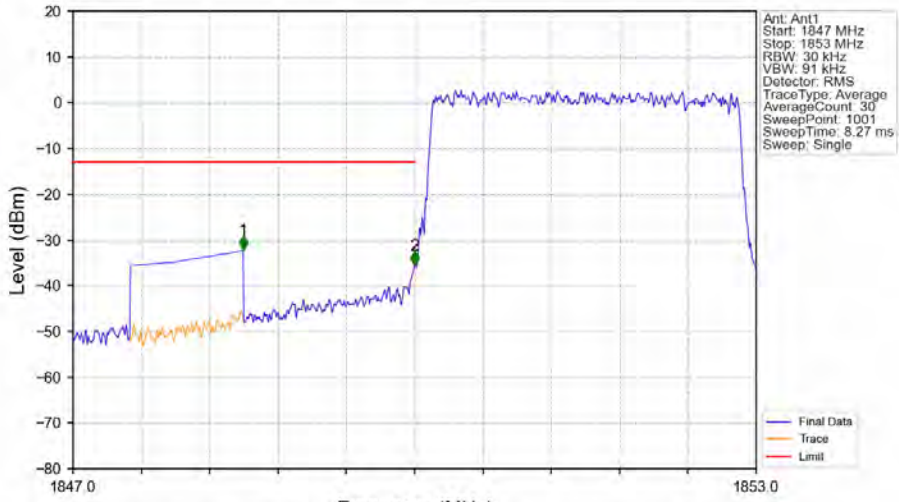
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

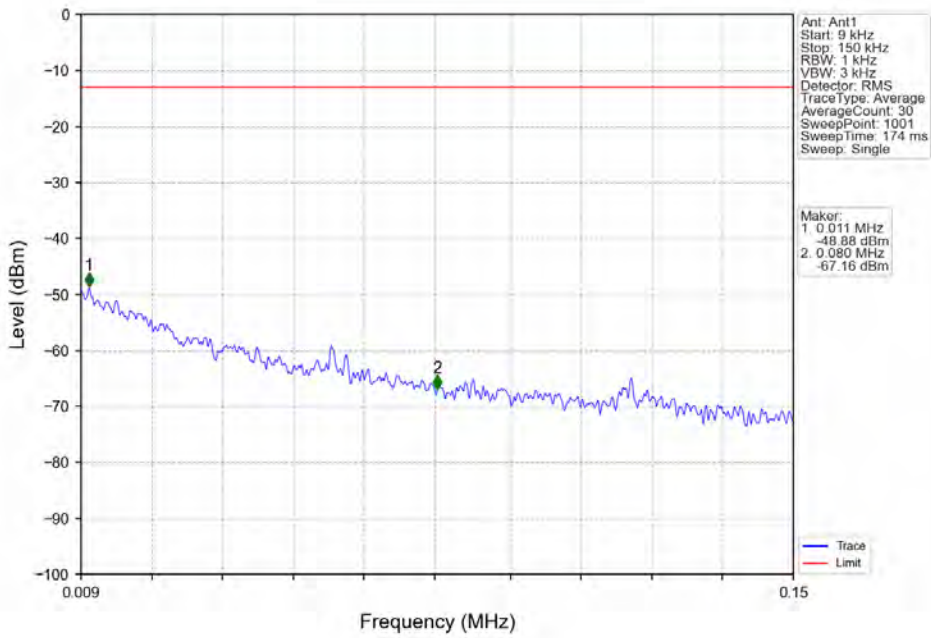


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

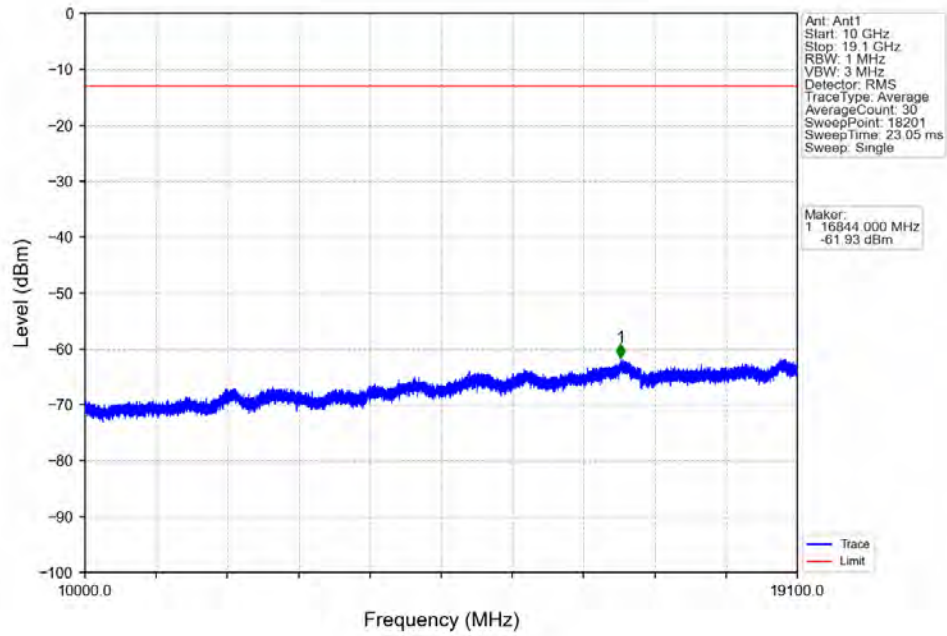


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-32.28	-13	Pass
1849	1850	0.03	/	2	1850.000	-35.60	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

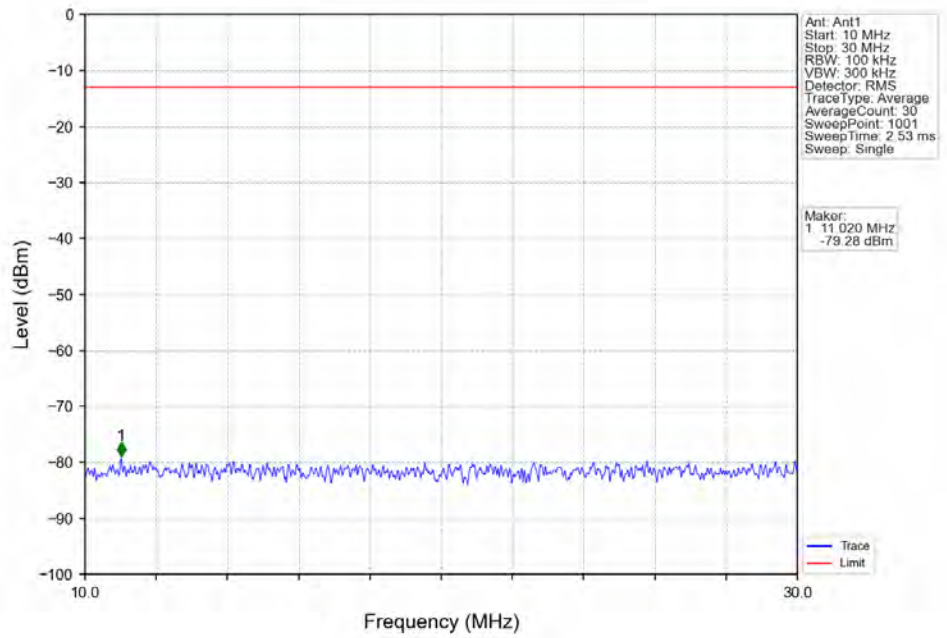
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



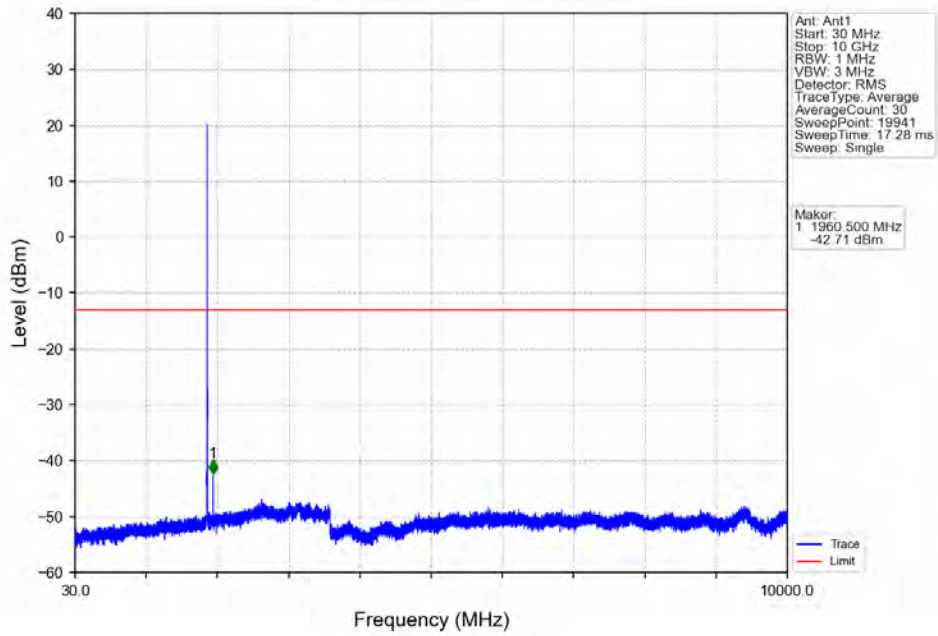
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



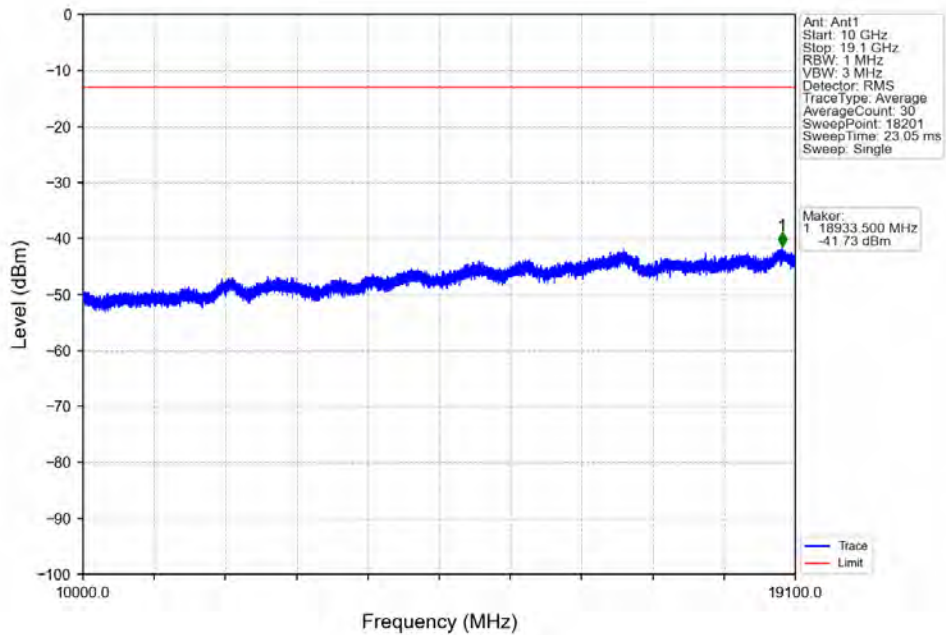
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



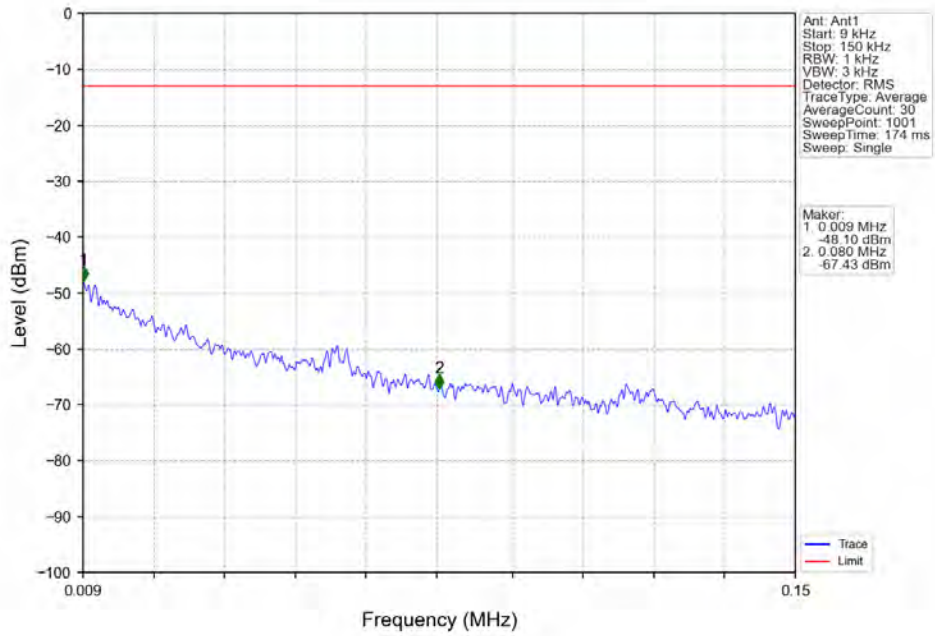
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



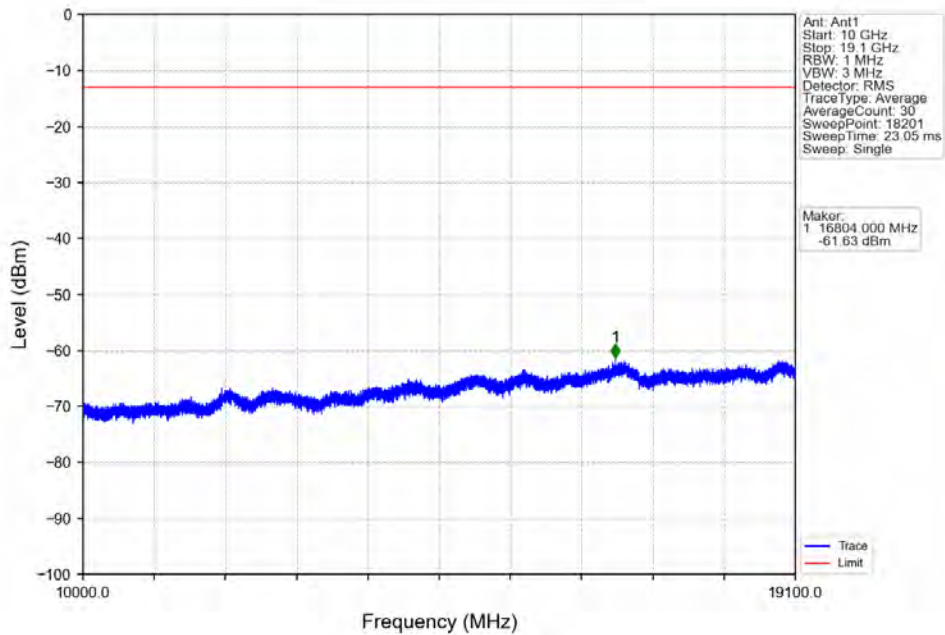
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



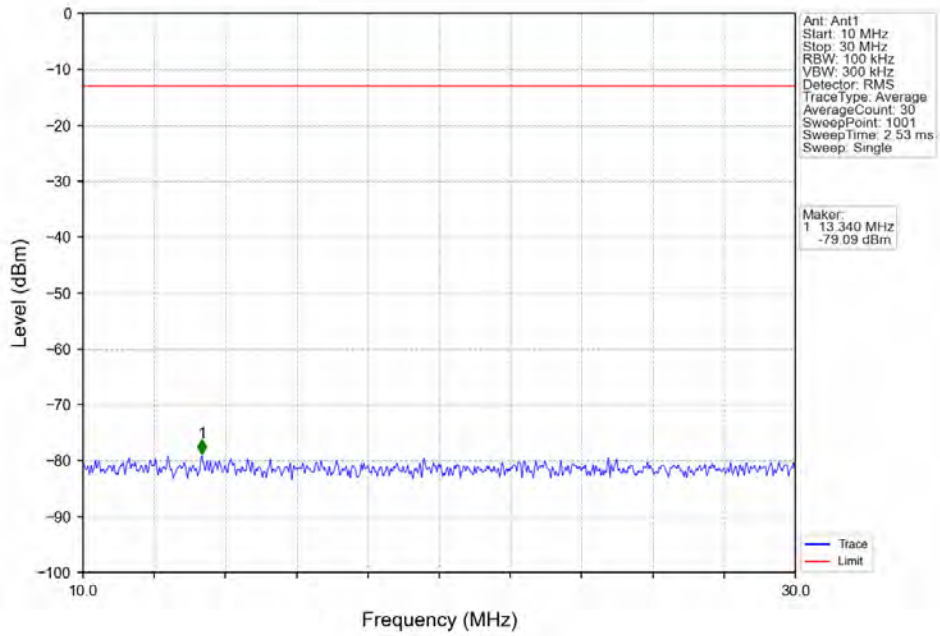
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



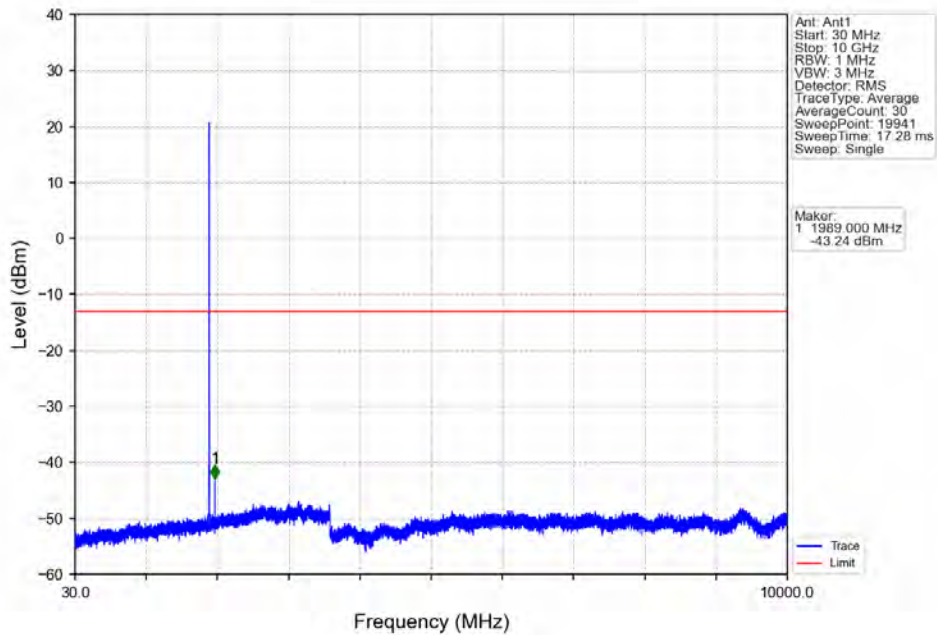
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



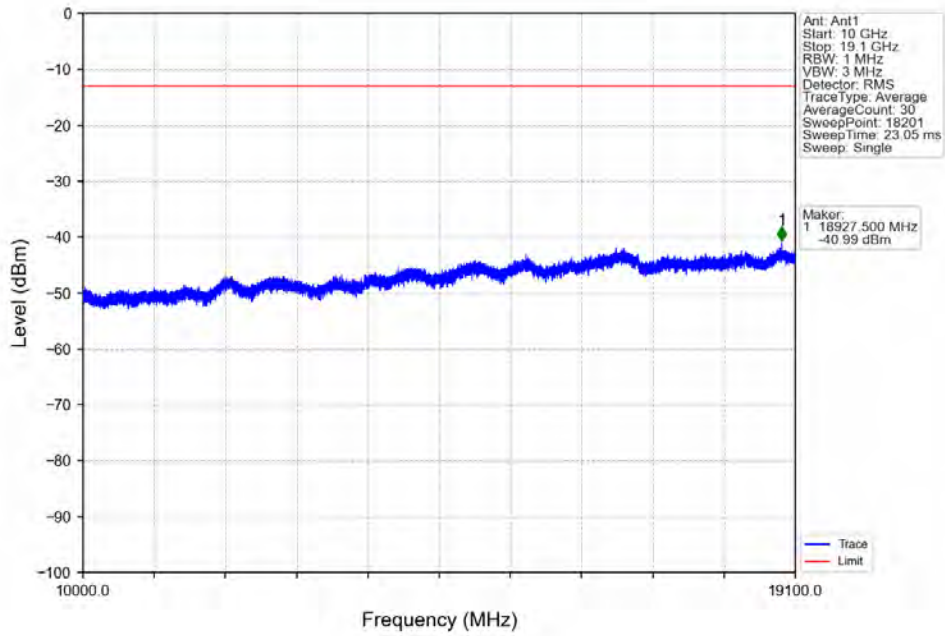
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



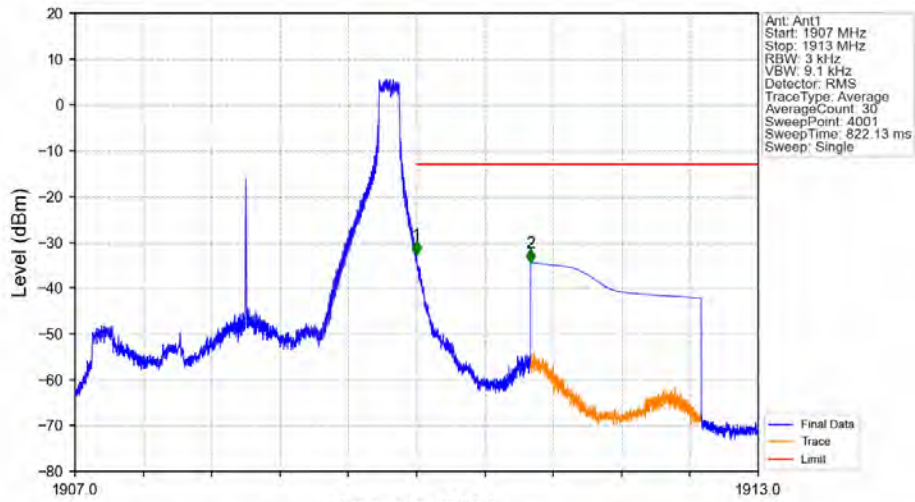
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV

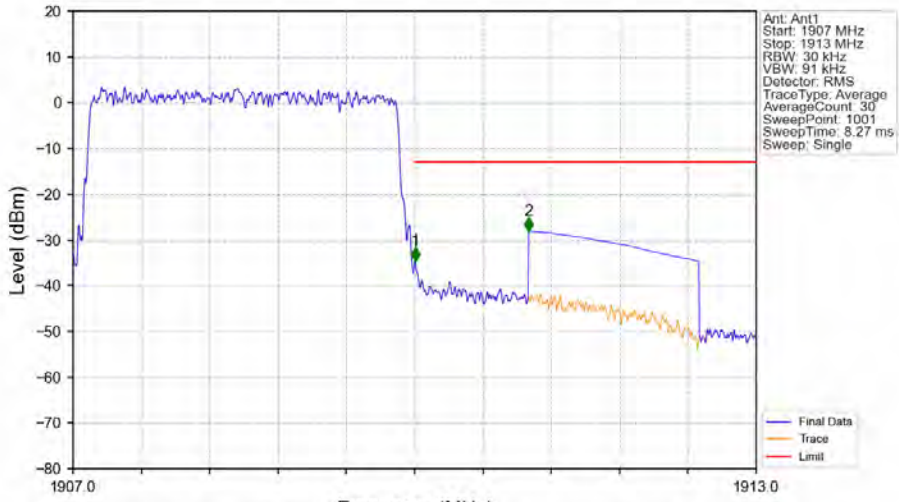


Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



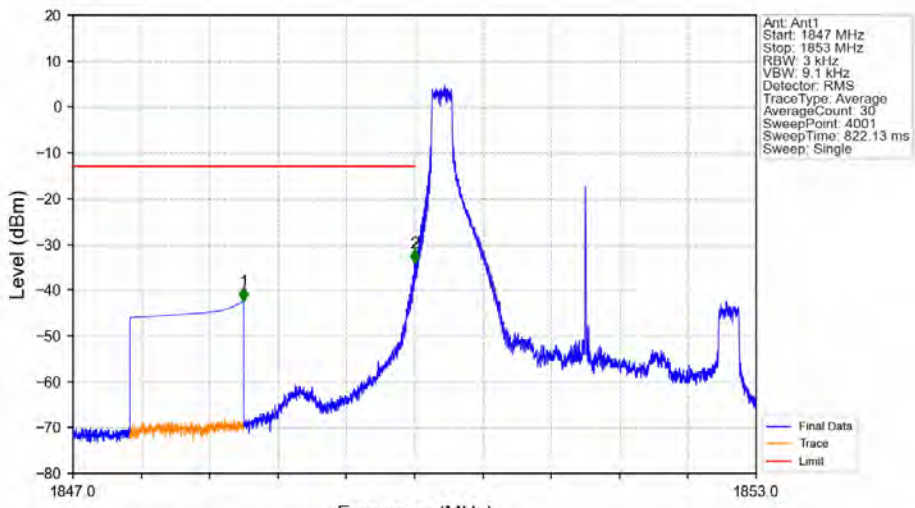
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.000	-32.72	-13	Pass
1911	1913	1	CHP	2	1911.001	-34.45	-13	Pass

Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



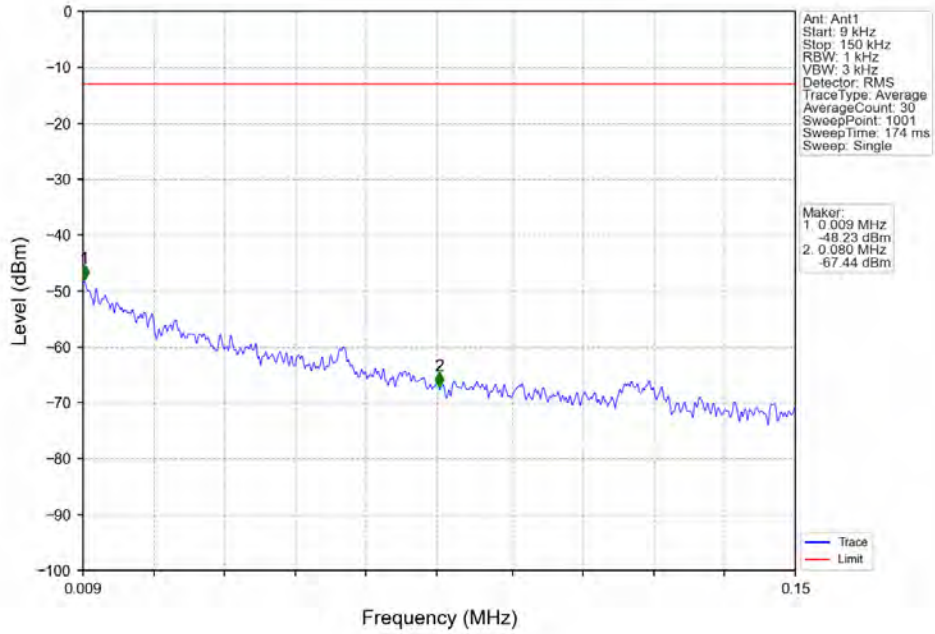
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	1	1910.006	-34.61	-13	Pass
1910	1913	1	CHP	2	1911.002	-28.08	-13	Pass

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

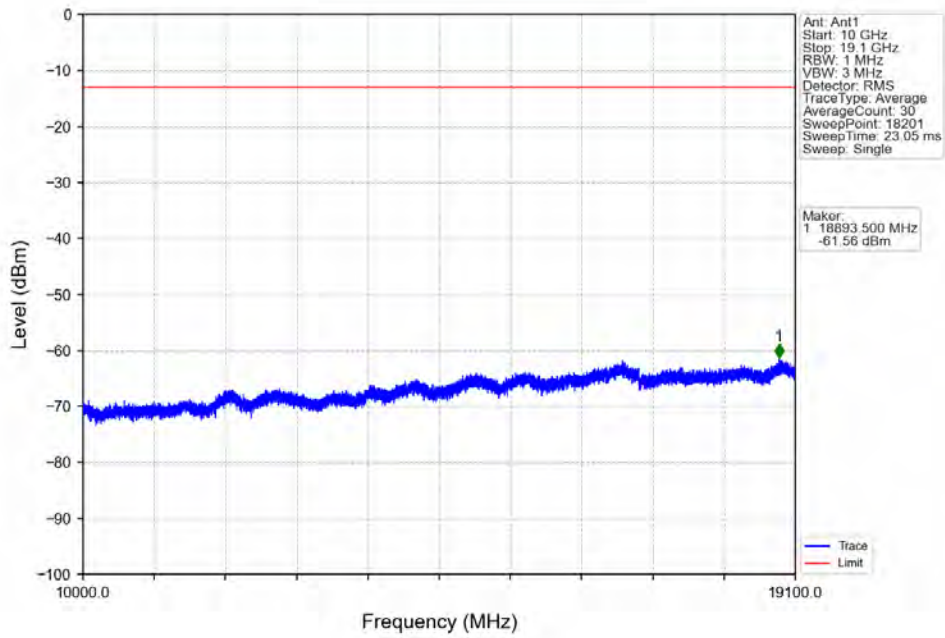


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-42.43	-13	Pass
1849	1850	0.003	/	2	1850.000	-34.22	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

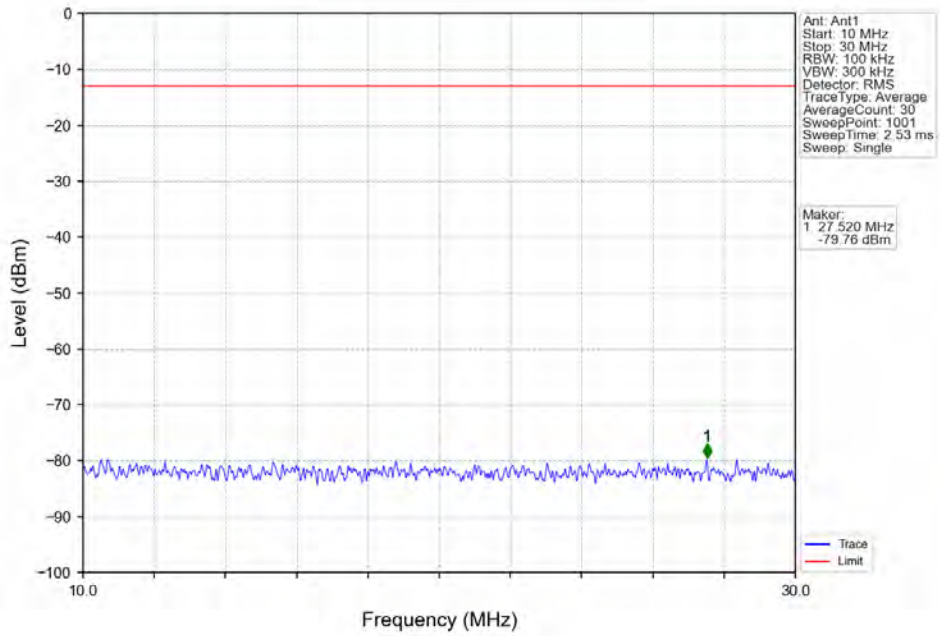
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



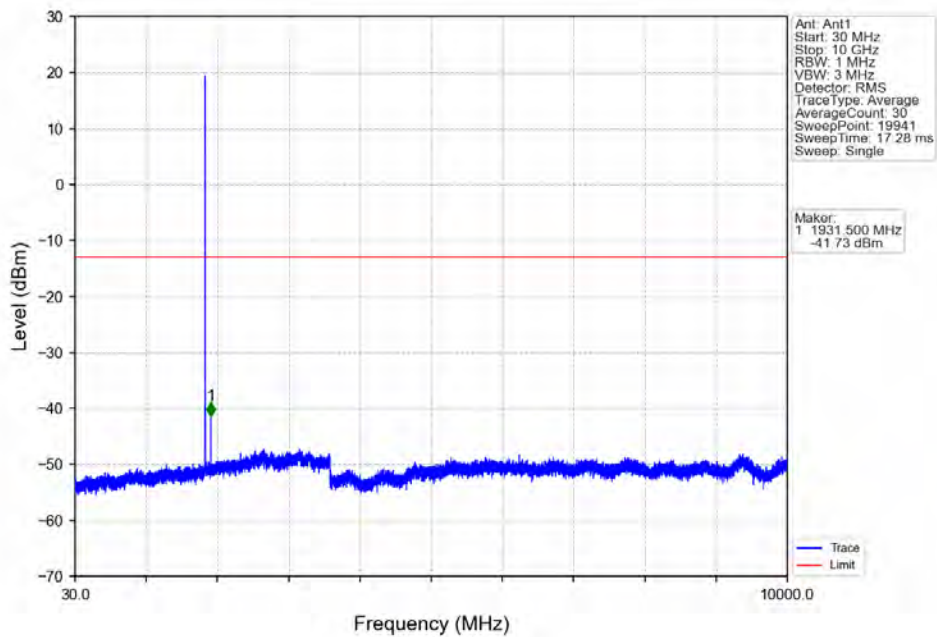
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



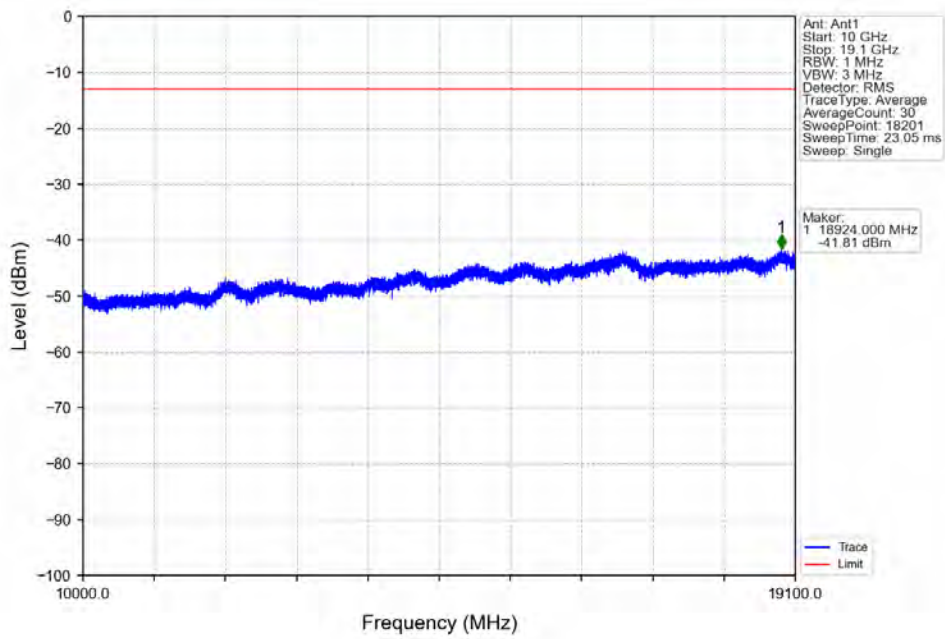
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



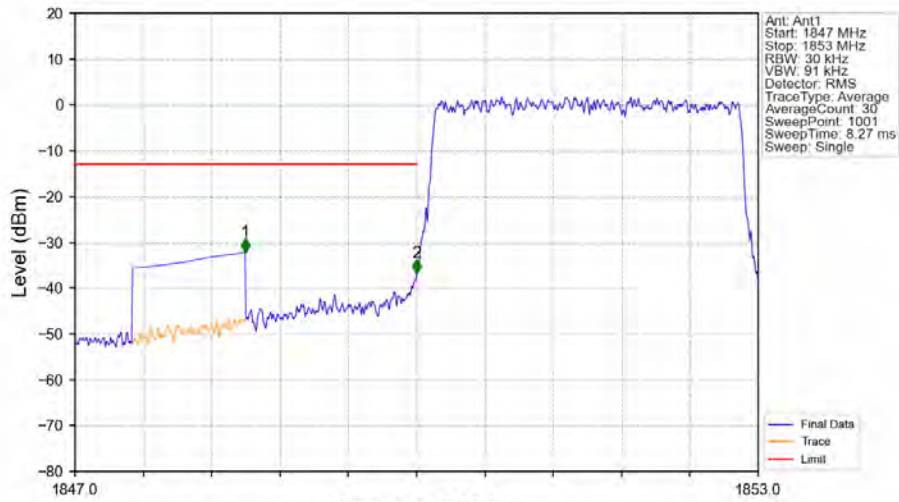
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

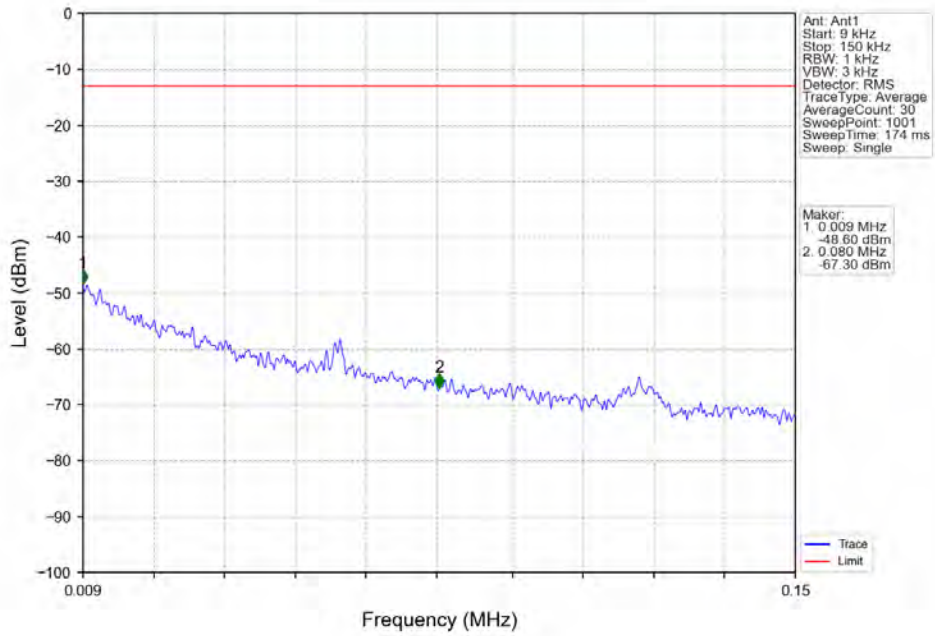


Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-32.11	-13	Pass
1849	1850	0.03	/	2	1850.000	-36.70	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV

