

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B2\_1.4MHz\_EIRP

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	21.91	0.37	22.28	<=33.01	Pass		
			2	22.03	0.37	22.40	<=33.01	Pass		
			5	21.92	0.37	22.29	<=33.01	Pass		
		3	0	21.91	0.37	22.28	<=33.01	Pass		
			2	21.97	0.37	22.34	<=33.01	Pass		
			3	21.96	0.37	22.33	<=33.01	Pass		
		6	0	21.02	0.37	21.39	<=33.01	Pass		
		1880	1	0	21.93	0.37	22.30	<=33.01	Pass	
				2	22.06	0.37	22.43	<=33.01	Pass	
	5			21.95	0.37	22.32	<=33.01	Pass		
	3		0	22.00	0.37	22.37	<=33.01	Pass		
			2	22.05	0.37	22.42	<=33.01	Pass		
			3	22.00	0.37	22.37	<=33.01	Pass		
	6		0	21.09	0.37	21.46	<=33.01	Pass		
	1909.3		1	0	21.83	0.37	22.20	<=33.01	Pass	
				2	21.95	0.37	22.32	<=33.01	Pass	
		5		21.32	0.37	21.69	<=33.01	Pass		
		3	0	21.38	0.37	21.75	<=33.01	Pass		
			2	21.42	0.37	21.79	<=33.01	Pass		
			3	21.41	0.37	21.78	<=33.01	Pass		
		6	0	20.43	0.37	20.80	<=33.01	Pass		
		16QAM	1850.7	1	0	20.89	0.37	21.26	<=33.01	Pass
					2	21.02	0.37	21.39	<=33.01	Pass
	5				20.97	0.37	21.34	<=33.01	Pass	
3	0			21.03	0.37	21.40	<=33.01	Pass		
	2			21.06	0.37	21.43	<=33.01	Pass		
	3			21.04	0.37	21.41	<=33.01	Pass		
6	0			19.92	0.37	20.29	<=33.01	Pass		
1880	1			0	21.11	0.37	21.48	<=33.01	Pass	
				2	21.23	0.37	21.60	<=33.01	Pass	
			5	21.07	0.37	21.44	<=33.01	Pass		
	3		0	20.92	0.37	21.29	<=33.01	Pass		
			2	20.75	0.37	21.12	<=33.01	Pass		
			3	20.59	0.37	20.96	<=33.01	Pass		
	6		0	19.72	0.37	20.09	<=33.01	Pass		
	1909.3		1	0	20.34	0.37	20.71	<=33.01	Pass	
				2	20.44	0.37	20.81	<=33.01	Pass	
5				20.40	0.37	20.77	<=33.01	Pass		
3			0	20.51	0.37	20.88	<=33.01	Pass		
			2	20.50	0.37	20.87	<=33.01	Pass		
			3	20.49	0.37	20.86	<=33.01	Pass		
6			0	19.34	0.37	19.71	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B2\_3MHz\_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	21.62	0.37	21.99	<=33.01	Pass		
			7	21.74	0.37	22.11	<=33.01	Pass		
			14	21.64	0.37	22.01	<=33.01	Pass		
		8	0	20.60	0.37	20.97	<=33.01	Pass		
			4	20.60	0.37	20.97	<=33.01	Pass		
			7	20.58	0.37	20.95	<=33.01	Pass		
		15	0	20.58	0.37	20.95	<=33.01	Pass		
		1880	1	0	21.63	0.37	22.00	<=33.01	Pass	
				7	21.77	0.37	22.14	<=33.01	Pass	
	14			21.62	0.37	21.99	<=33.01	Pass		
	8		0	20.65	0.37	21.02	<=33.01	Pass		
			4	20.66	0.37	21.03	<=33.01	Pass		
			7	20.64	0.37	21.01	<=33.01	Pass		
	15		0	20.61	0.37	20.98	<=33.01	Pass		
	1908.5		1	0	21.49	0.37	21.86	<=33.01	Pass	
				7	21.61	0.37	21.98	<=33.01	Pass	
		14		21.44	0.37	21.81	<=33.01	Pass		
		8	0	20.48	0.37	20.85	<=33.01	Pass		
			4	20.55	0.37	20.92	<=33.01	Pass		
			7	20.50	0.37	20.87	<=33.01	Pass		
		15	0	20.51	0.37	20.88	<=33.01	Pass		
		16QAM	1851.5	1	0	20.59	0.37	20.96	<=33.01	Pass
					7	20.72	0.37	21.09	<=33.01	Pass
	14				20.58	0.37	20.95	<=33.01	Pass	
8	0			19.61	0.37	19.98	<=33.01	Pass		
	4			19.65	0.37	20.02	<=33.01	Pass		
	7			19.61	0.37	19.98	<=33.01	Pass		
15	0			19.57	0.37	19.94	<=33.01	Pass		
1880	1			0	20.75	0.37	21.12	<=33.01	Pass	
				7	20.88	0.37	21.25	<=33.01	Pass	
			14	20.77	0.37	21.14	<=33.01	Pass		
	8		0	19.57	0.37	19.94	<=33.01	Pass		
			4	19.58	0.37	19.95	<=33.01	Pass		
			7	19.56	0.37	19.93	<=33.01	Pass		
	15		0	19.55	0.37	19.92	<=33.01	Pass		
	1908.5		1	0	20.99	0.37	21.36	<=33.01	Pass	
				7	21.10	0.37	21.47	<=33.01	Pass	
14				20.95	0.37	21.32	<=33.01	Pass		
8			0	19.63	0.37	20.00	<=33.01	Pass		
			4	19.67	0.37	20.04	<=33.01	Pass		
			7	19.65	0.37	20.02	<=33.01	Pass		
15			0	19.57	0.37	19.94	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B2\_5MHz\_EIRP

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	21.51	0.37	21.88	<=33.01	Pass		
			13	21.61	0.37	21.98	<=33.01	Pass		
			24	21.53	0.37	21.90	<=33.01	Pass		
		12	0	20.56	0.37	20.93	<=33.01	Pass		
			6	20.60	0.37	20.97	<=33.01	Pass		
			13	20.57	0.37	20.94	<=33.01	Pass		
		25	0	20.57	0.37	20.94	<=33.01	Pass		
		1880	1	0	21.58	0.37	21.95	<=33.01	Pass	
				13	21.64	0.37	22.01	<=33.01	Pass	
	24			21.54	0.37	21.91	<=33.01	Pass		
	12		0	20.58	0.37	20.95	<=33.01	Pass		
			6	20.67	0.37	21.04	<=33.01	Pass		
			13	20.61	0.37	20.98	<=33.01	Pass		
	25		0	20.60	0.37	20.97	<=33.01	Pass		
	1907.5		1	0	21.43	0.37	21.80	<=33.01	Pass	
				13	21.52	0.37	21.89	<=33.01	Pass	
		24		21.40	0.37	21.77	<=33.01	Pass		
		12	0	20.48	0.37	20.85	<=33.01	Pass		
			6	20.52	0.37	20.89	<=33.01	Pass		
			13	20.46	0.37	20.83	<=33.01	Pass		
		25	0	20.48	0.37	20.85	<=33.01	Pass		
		16QAM	1852.5	1	0	20.58	0.37	20.95	<=33.01	Pass
					13	20.68	0.37	21.05	<=33.01	Pass
	24				20.59	0.37	20.96	<=33.01	Pass	
12	0			19.53	0.37	19.90	<=33.01	Pass		
	6			19.60	0.37	19.97	<=33.01	Pass		
	13			19.59	0.37	19.96	<=33.01	Pass		
25	0			19.57	0.37	19.94	<=33.01	Pass		
1880	1			0	20.77	0.37	21.14	<=33.01	Pass	
				13	20.88	0.37	21.25	<=33.01	Pass	
			24	20.76	0.37	21.13	<=33.01	Pass		
	12		0	19.64	0.37	20.01	<=33.01	Pass		
			6	19.67	0.37	20.04	<=33.01	Pass		
			13	19.62	0.37	19.99	<=33.01	Pass		
	25		0	19.59	0.37	19.96	<=33.01	Pass		
	1907.5		1	0	20.23	0.37	20.60	<=33.01	Pass	
				13	20.35	0.37	20.72	<=33.01	Pass	
24				20.29	0.37	20.66	<=33.01	Pass		
12			0	19.52	0.37	19.89	<=33.01	Pass		
			6	19.52	0.37	19.89	<=33.01	Pass		
			13	19.44	0.37	19.81	<=33.01	Pass		
25			0	19.48	0.37	19.85	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B2\_10MHz\_EIRP

Band: 2 / Bandwidth: 10MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1855	1	0	21.58	0.37	21.95	<=33.01	Pass	
			25	21.72	0.37	22.09	<=33.01	Pass	
			49	21.64	0.37	22.01	<=33.01	Pass	
		25	0	20.63	0.37	21.00	<=33.01	Pass	
			13	20.61	0.37	20.98	<=33.01	Pass	
			25	20.61	0.37	20.98	<=33.01	Pass	
		50	0	20.63	0.37	21.00	<=33.01	Pass	
		1880	1	0	21.60	0.37	21.97	<=33.01	Pass
				25	21.73	0.37	22.10	<=33.01	Pass
	49			21.59	0.37	21.96	<=33.01	Pass	
	25		0	20.66	0.37	21.03	<=33.01	Pass	
			13	20.60	0.37	20.97	<=33.01	Pass	
			25	20.66	0.37	21.03	<=33.01	Pass	
	50		0	20.66	0.37	21.03	<=33.01	Pass	
	1905		1	0	21.49	0.37	21.86	<=33.01	Pass
				25	21.60	0.37	21.97	<=33.01	Pass
		49		21.43	0.37	21.80	<=33.01	Pass	
		25	0	20.57	0.37	20.94	<=33.01	Pass	
13			20.51	0.37	20.88	<=33.01	Pass		
25			20.51	0.37	20.88	<=33.01	Pass		
50		0	20.53	0.37	20.90	<=33.01	Pass		
16QAM		1855	1	0	20.55	0.37	20.92	<=33.01	Pass
				25	20.69	0.37	21.06	<=33.01	Pass
	49			20.57	0.37	20.94	<=33.01	Pass	
	25		0	19.65	0.37	20.02	<=33.01	Pass	
			13	19.66	0.37	20.03	<=33.01	Pass	
			25	19.67	0.37	20.04	<=33.01	Pass	
	50		0	19.59	0.37	19.96	<=33.01	Pass	
	1880		1	0	20.77	0.37	21.14	<=33.01	Pass
				25	20.87	0.37	21.24	<=33.01	Pass
		49		20.73	0.37	21.10	<=33.01	Pass	
		25	0	19.64	0.37	20.01	<=33.01	Pass	
			13	19.63	0.37	20.00	<=33.01	Pass	
			25	19.68	0.37	20.05	<=33.01	Pass	
		50	0	19.64	0.37	20.01	<=33.01	Pass	
		1905	1	0	21.00	0.37	21.37	<=33.01	Pass
				25	21.12	0.37	21.49	<=33.01	Pass
	49			21.00	0.37	21.37	<=33.01	Pass	
	25		0	19.62	0.37	19.99	<=33.01	Pass	
13			19.53	0.37	19.90	<=33.01	Pass		
25			19.52	0.37	19.89	<=33.01	Pass		
50	0		19.51	0.37	19.88	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.5 B2\_15MHz\_EIRP

Band: 2 / Bandwidth: 15MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	21.47	0.37	21.84	<=33.01	Pass		
			38	21.58	0.37	21.95	<=33.01	Pass		
			74	21.50	0.37	21.87	<=33.01	Pass		
		36	0	20.64	0.37	21.01	<=33.01	Pass		
			18	20.61	0.37	20.98	<=33.01	Pass		
			39	20.59	0.37	20.96	<=33.01	Pass		
		75	0	20.64	0.37	21.01	<=33.01	Pass		
		1880	1	0	21.56	0.37	21.93	<=33.01	Pass	
				38	21.60	0.37	21.97	<=33.01	Pass	
	74			21.48	0.37	21.85	<=33.01	Pass		
	36		0	20.67	0.37	21.04	<=33.01	Pass		
			18	20.68	0.37	21.05	<=33.01	Pass		
			39	20.69	0.37	21.06	<=33.01	Pass		
	75		0	20.71	0.37	21.08	<=33.01	Pass		
	1902.5		1	0	21.45	0.37	21.82	<=33.01	Pass	
				38	21.50	0.37	21.87	<=33.01	Pass	
		74		21.39	0.37	21.76	<=33.01	Pass		
		36	0	20.61	0.37	20.98	<=33.01	Pass		
			18	20.57	0.37	20.94	<=33.01	Pass		
			39	20.57	0.37	20.94	<=33.01	Pass		
		75	0	20.60	0.37	20.97	<=33.01	Pass		
		16QAM	1857.5	1	0	20.80	0.37	21.17	<=33.01	Pass
					38	20.97	0.37	21.34	<=33.01	Pass
	74				20.91	0.37	21.28	<=33.01	Pass	
36	0			19.61	0.37	19.98	<=33.01	Pass		
	18			19.58	0.37	19.95	<=33.01	Pass		
	39			19.60	0.37	19.97	<=33.01	Pass		
75	0			19.61	0.37	19.98	<=33.01	Pass		
1880	1			0	20.69	0.37	21.06	<=33.01	Pass	
				38	20.74	0.37	21.11	<=33.01	Pass	
			74	20.61	0.37	20.98	<=33.01	Pass		
	36		0	19.68	0.37	20.05	<=33.01	Pass		
			18	19.65	0.37	20.02	<=33.01	Pass		
			39	19.64	0.37	20.01	<=33.01	Pass		
	75		0	19.65	0.37	20.02	<=33.01	Pass		
	1902.5		1	0	20.94	0.37	21.31	<=33.01	Pass	
				38	20.95	0.37	21.32	<=33.01	Pass	
74				20.92	0.37	21.29	<=33.01	Pass		
36			0	19.57	0.37	19.94	<=33.01	Pass		
			18	19.55	0.37	19.92	<=33.01	Pass		
			39	19.57	0.37	19.94	<=33.01	Pass		
75			0	19.56	0.37	19.93	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.6 B2\_20MHz\_EIRP

Band: 2 / Bandwidth: 20MHz / NTN								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1860	1	0	21.28	0.37	21.65	<=33.01	Pass	
			50	21.63	0.37	22.00	<=33.01	Pass	
			99	21.31	0.37	21.68	<=33.01	Pass	
		50	0	20.55	0.37	20.92	<=33.01	Pass	
			25	20.59	0.37	20.96	<=33.01	Pass	
			50	20.58	0.37	20.95	<=33.01	Pass	
		100	0	20.56	0.37	20.93	<=33.01	Pass	
		1880	1	0	21.80	0.37	22.17	<=33.01	Pass
				50	22.23	0.37	22.60	<=33.01	Pass
	99			21.87	0.37	22.24	<=33.01	Pass	
	50		0	21.12	0.37	21.49	<=33.01	Pass	
			25	21.17	0.37	21.54	<=33.01	Pass	
			50	21.15	0.37	21.52	<=33.01	Pass	
	100		0	21.12	0.37	21.49	<=33.01	Pass	
	1900		1	0	21.90	0.37	22.27	<=33.01	Pass
				50	22.25	0.37	22.62	<=33.01	Pass
		99		21.93	0.37	22.30	<=33.01	Pass	
		50	0	21.20	0.37	21.57	<=33.01	Pass	
			25	21.18	0.37	21.55	<=33.01	Pass	
			50	21.14	0.37	21.51	<=33.01	Pass	
	100	0	21.15	0.37	21.52	<=33.01	Pass		
	16QAM	1860	1	0	20.78	0.37	21.15	<=33.01	Pass
				50	21.19	0.37	21.56	<=33.01	Pass
				99	20.83	0.37	21.20	<=33.01	Pass
50			0	19.55	0.37	19.92	<=33.01	Pass	
			25	20.05	0.37	20.42	<=33.01	Pass	
			50	19.97	0.37	20.34	<=33.01	Pass	
100			0	20.07	0.37	20.44	<=33.01	Pass	
1880			1	0	21.14	0.37	21.51	<=33.01	Pass
				50	21.49	0.37	21.86	<=33.01	Pass
		99		21.20	0.37	21.57	<=33.01	Pass	
		50	0	20.12	0.37	20.49	<=33.01	Pass	
			25	20.16	0.37	20.53	<=33.01	Pass	
			50	20.18	0.37	20.55	<=33.01	Pass	
		100	0	20.17	0.37	20.54	<=33.01	Pass	
		1900	1	0	20.97	0.37	21.34	<=33.01	Pass
				50	21.64	0.37	22.01	<=33.01	Pass
99				20.96	0.37	21.33	<=33.01	Pass	
50			0	19.67	0.37	20.04	<=33.01	Pass	
			25	19.69	0.37	20.06	<=33.01	Pass	
			50	19.60	0.37	19.97	<=33.01	Pass	
100		0	19.68	0.37	20.05	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B2\_1.4MHz

Band: 2 / Bandwidth: 1.4MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit					
QPSK	1850.7	6	0	20	3.27	-9.985	-0.0054	-2.5 to 2.5	Pass				
					3.85	-11.902	-0.0064	-2.5 to 2.5	Pass				
					4.43	-3.791	-0.0020	-2.5 to 2.5	Pass				
								-30	3.85	-10.099	-0.0055	-2.5 to 2.5	Pass
								-20	3.85	-11.601	-0.0063	-2.5 to 2.5	Pass
								-10	3.85	-18.682	-0.0101	-2.5 to 2.5	Pass
								0	3.85	-11.930	-0.0064	-2.5 to 2.5	Pass
								10	3.85	-12.689	-0.0069	-2.5 to 2.5	Pass
								30	3.85	-11.673	-0.0063	-2.5 to 2.5	Pass
					40	3.85	-9.642	-0.0052	-2.5 to 2.5	Pass			
					50	3.85	-5.136	-0.0028	-2.5 to 2.5	Pass			
		1880	6	0	20	3.27	0.601	0.0003	-2.5 to 2.5	Pass			
	3.85					-10.858	-0.0058	-2.5 to 2.5	Pass				
	4.43					2.947	0.0016	-2.5 to 2.5	Pass				
								-30	3.85	-10.700	-0.0057	-2.5 to 2.5	Pass
								-20	3.85	-16.737	-0.0089	-2.5 to 2.5	Pass
								-10	3.85	-16.336	-0.0087	-2.5 to 2.5	Pass
								0	3.85	-15.950	-0.0085	-2.5 to 2.5	Pass
								10	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass
								30	3.85	-18.096	-0.0096	-2.5 to 2.5	Pass
					40	3.85	-17.166	-0.0091	-2.5 to 2.5	Pass			
					50	3.85	0.029	0.0000	-2.5 to 2.5	Pass			
		1909.3	6	0	20	3.27	-15.993	-0.0084	-2.5 to 2.5	Pass			
	3.85					-7.968	-0.0042	-2.5 to 2.5	Pass				
	4.43					1.831	0.0010	-2.5 to 2.5	Pass				
								-30	3.85	0.901	0.0005	-2.5 to 2.5	Pass
								-20	3.85	-6.251	-0.0033	-2.5 to 2.5	Pass
							-10	3.85	-42.386	-0.0222	-2.5 to 2.5	Pass	
							0	3.85	-6.280	-0.0033	-2.5 to 2.5	Pass	
							10	3.85	-11.544	-0.0060	-2.5 to 2.5	Pass	
							30	3.85	-10.543	-0.0055	-2.5 to 2.5	Pass	
				40	3.85	-8.597	-0.0045	-2.5 to 2.5	Pass				
				50	3.85	-6.566	-0.0034	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	-13.704	-0.0074	-2.5 to 2.5	Pass				
					3.85	-8.669	-0.0047	-2.5 to 2.5	Pass				
					4.43	-17.037	-0.0092	-2.5 to 2.5	Pass				
								-30	3.85	-7.725	-0.0042	-2.5 to 2.5	Pass
								-20	3.85	-8.941	-0.0048	-2.5 to 2.5	Pass
								-10	3.85	-13.604	-0.0074	-2.5 to 2.5	Pass
								0	3.85	-7.424	-0.0040	-2.5 to 2.5	Pass
								10	3.85	-12.274	-0.0066	-2.5 to 2.5	Pass
								30	3.85	26.693	0.0144	-2.5 to 2.5	Pass
					40	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass			
					50	3.85	-1.788	-0.0010	-2.5 to 2.5	Pass			
		1880	6	0	20	3.27	-24.362	-0.0130	-2.5 to 2.5	Pass			
	3.85					-18.225	-0.0097	-2.5 to 2.5	Pass				
	4.43					-0.143	-0.0001	-2.5 to 2.5	Pass				
								-30	3.85	-8.612	-0.0046	-2.5 to 2.5	Pass
								-20	3.85	-11.044	-0.0059	-2.5 to 2.5	Pass
								-10	3.85	-2.317	-0.0012	-2.5 to 2.5	Pass
								0	3.85	-17.295	-0.0092	-2.5 to 2.5	Pass
								10	3.85	-15.965	-0.0085	-2.5 to 2.5	Pass
								30	3.85	3.662	0.0019	-2.5 to 2.5	Pass
					40	3.85	-6.738	-0.0036	-2.5 to 2.5	Pass			
					50	3.85	-21.873	-0.0116	-2.5 to 2.5	Pass			
		1909.3	6	0	20	3.27	-18.153	-0.0095	-2.5 to 2.5	Pass			

					3.85	-6.623	-0.0035	-2.5 to 2.5	Pass
					4.43	-15.364	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-15.378	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-8.183	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-20.814	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-8.841	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-30.398	-0.0159	-2.5 to 2.5	Pass
				30	3.85	-10.414	-0.0055	-2.5 to 2.5	Pass
				40	3.85	-16.479	-0.0086	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0007	-2.5 to 2.5	Pass

## 2.1.2 B2\_3MHz

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	-12.846	-0.0069	-2.5 to 2.5	Pass	
					3.85	-11.158	-0.0060	-2.5 to 2.5	Pass	
					4.43	-10.829	-0.0058	-2.5 to 2.5	Pass	
				-30	3.85	-11.745	-0.0063	-2.5 to 2.5	Pass	
					-20	3.85	-0.129	-0.0001	-2.5 to 2.5	Pass
						3.85	-28.124	-0.0152	-2.5 to 2.5	Pass
				0	3.85	-13.633	-0.0074	-2.5 to 2.5	Pass	
					10	3.85	-18.425	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-17.252	-0.0093	-2.5 to 2.5	Pass	
	40	3.85	-4.792	-0.0026	-2.5 to 2.5	Pass				
	50	3.85	-4.535	-0.0024	-2.5 to 2.5	Pass				
	1880	15	0	20	3.27	9.041	0.0048	-2.5 to 2.5	Pass	
					3.85	-10.300	-0.0055	-2.5 to 2.5	Pass	
					4.43	-22.631	-0.0120	-2.5 to 2.5	Pass	
				-30	3.85	7.911	0.0042	-2.5 to 2.5	Pass	
					-20	3.85	-9.513	-0.0051	-2.5 to 2.5	Pass
						3.85	-18.525	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-6.323	-0.0034	-2.5 to 2.5	Pass	
					10	3.85	11.730	0.0062	-2.5 to 2.5	Pass
				30	3.85	-5.150	-0.0027	-2.5 to 2.5	Pass	
	40	3.85	-24.219	-0.0129	-2.5 to 2.5	Pass				
	50	3.85	3.648	0.0019	-2.5 to 2.5	Pass				
	1908.5	15	0	20	3.27	-1.016	-0.0005	-2.5 to 2.5	Pass	
					3.85	-22.445	-0.0118	-2.5 to 2.5	Pass	
					4.43	-24.061	-0.0126	-2.5 to 2.5	Pass	
				-30	3.85	-7.439	-0.0039	-2.5 to 2.5	Pass	
					-20	3.85	-3.905	-0.0020	-2.5 to 2.5	Pass
3.85						-6.008	-0.0031	-2.5 to 2.5	Pass	
0				3.85	-23.189	-0.0122	-2.5 to 2.5	Pass		
				10	3.85	-27.251	-0.0143	-2.5 to 2.5	Pass	
30				3.85	0.501	0.0003	-2.5 to 2.5	Pass		
40	3.85	-3.147	-0.0016	-2.5 to 2.5	Pass					
50	3.85	-2.604	-0.0014	-2.5 to 2.5	Pass					
16QAM	1851.5	15	0	20	3.27	-13.533	-0.0073	-2.5 to 2.5	Pass	
					3.85	-5.136	-0.0028	-2.5 to 2.5	Pass	
					4.43	1.488	0.0008	-2.5 to 2.5	Pass	
				-30	3.85	-20.356	-0.0110	-2.5 to 2.5	Pass	
					-20	3.85	-0.315	-0.0002	-2.5 to 2.5	Pass
-10	3.85	3.090	0.0017	-2.5 to 2.5	Pass					



				0	3.85	-17.881	-0.0097	-2.5 to 2.5	Pass
				10	3.85	-19.526	-0.0105	-2.5 to 2.5	Pass
				30	3.85	12.045	0.0065	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-16.465	-0.0089	-2.5 to 2.5	Pass
	1880	15	0	20	3.27	-1.059	-0.0006	-2.5 to 2.5	Pass
					3.85	-21.000	-0.0112	-2.5 to 2.5	Pass
					4.43	-21.000	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	13.046	0.0069	-2.5 to 2.5	Pass
				-20	3.85	5.178	0.0028	-2.5 to 2.5	Pass
				-10	3.85	-5.722	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.238	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-17.123	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-18.954	-0.0101	-2.5 to 2.5	Pass
				50	3.85	-16.394	-0.0087	-2.5 to 2.5	Pass
				1908.5	15	0	20	3.27	8.898
	3.85	-9.956	-0.0052					-2.5 to 2.5	Pass
	4.43	-2.875	-0.0015					-2.5 to 2.5	Pass
	-30	3.85	-17.996				-0.0094	-2.5 to 2.5	Pass
	-20	3.85	-19.655				-0.0103	-2.5 to 2.5	Pass
	-10	3.85	3.304				0.0017	-2.5 to 2.5	Pass
	0	3.85	7.124				0.0037	-2.5 to 2.5	Pass
	10	3.85	-2.789				-0.0015	-2.5 to 2.5	Pass
	30	3.85	-6.723				-0.0035	-2.5 to 2.5	Pass
	40	3.85	-16.065				-0.0084	-2.5 to 2.5	Pass
	50	3.85	-12.674				-0.0066	-2.5 to 2.5	Pass

### 2.1.3 B2\_5MHz

Band: 2 / 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	-14.291	-0.0077	-2.5 to 2.5	Pass			
					3.85	-5.035	-0.0027	-2.5 to 2.5	Pass			
					4.43	-12.302	-0.0066	-2.5 to 2.5	Pass			
				-30	3.85	-15.035	-0.0081	-2.5 to 2.5	Pass			
				-20	3.85	-11.230	-0.0061	-2.5 to 2.5	Pass			
				-10	3.85	-10.443	-0.0056	-2.5 to 2.5	Pass			
				0	3.85	-10.800	-0.0058	-2.5 to 2.5	Pass			
				10	3.85	-14.219	-0.0077	-2.5 to 2.5	Pass			
				30	3.85	0.329	0.0002	-2.5 to 2.5	Pass			
				40	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass			
				50	3.85	-15.278	-0.0082	-2.5 to 2.5	Pass			
				1880	25	0	20	3.27	-14.234	-0.0076	-2.5 to 2.5	Pass
								3.85	8.497	0.0045	-2.5 to 2.5	Pass
								4.43	-0.401	-0.0002	-2.5 to 2.5	Pass
							-30	3.85	-12.131	-0.0065	-2.5 to 2.5	Pass
	-20	3.85	-9.770				-0.0052	-2.5 to 2.5	Pass			
	-10	3.85	-15.635				-0.0083	-2.5 to 2.5	Pass			
	0	3.85	2.604				0.0014	-2.5 to 2.5	Pass			
	10	3.85	-5.350				-0.0028	-2.5 to 2.5	Pass			
	30	3.85	-16.079				-0.0086	-2.5 to 2.5	Pass			
	40	3.85	-15.063				-0.0080	-2.5 to 2.5	Pass			
	50	3.85	-11.158				-0.0059	-2.5 to 2.5	Pass			

	1907.5	25	0	20	3.27	-10.858	-0.0057	-2.5 to 2.5	Pass
					3.85	-12.016	-0.0063	-2.5 to 2.5	Pass
					4.43	-2.017	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-17.881	-0.0094	-2.5 to 2.5	Pass
				-10	3.85	8.440	0.0044	-2.5 to 2.5	Pass
				10	3.85	-10.343	-0.0054	-2.5 to 2.5	Pass
				40	3.85	-14.520	-0.0076	-2.5 to 2.5	Pass
50	3.85	-10.328	-0.0054						
				16QAM	1852.5	25	0	20	3.27
3.85	3.376	0.0018	-2.5 to 2.5						Pass
4.43	-5.836	-0.0032	-2.5 to 2.5						Pass
-30	3.85	-16.379	-0.0088					-2.5 to 2.5	Pass
-10	3.85	-4.106	-0.0022					-2.5 to 2.5	Pass
10	3.85	-3.977	-0.0021					-2.5 to 2.5	Pass
40	3.85	-14.377	-0.0078					-2.5 to 2.5	Pass
				50	3.85	2.575	0.0014		
1880	25	0	20					3.27	-1.316
				3.85	-9.170	-0.0049	-2.5 to 2.5	Pass	
				4.43	-11.487	-0.0061	-2.5 to 2.5	Pass	
			-30	3.85	-19.984	-0.0106	-2.5 to 2.5	Pass	
									-20
			-10	3.85	-8.240	-0.0044	-2.5 to 2.5	Pass	
									0
			10	3.85	-10.657	-0.0057	-2.5 to 2.5	Pass	
									30
			40	3.85	-5.851	-0.0031	-2.5 to 2.5	Pass	
50	3.85	-10.357							-0.0055
			1907.5	25	0	20	3.27	-9.556	
3.85	-0.057	0.0000					-2.5 to 2.5	Pass	
4.43	0.358	0.0002					-2.5 to 2.5	Pass	
-30	3.85	-1.445				-0.0008	-2.5 to 2.5	Pass	
									-20
-10	3.85	-16.265				-0.0085	-2.5 to 2.5	Pass	
									0
10	3.85	1.588				0.0008	-2.5 to 2.5	Pass	
									30
40	3.85	-5.879				-0.0031	-2.5 to 2.5	Pass	
			50	3.85	-5.193				-0.0027

#### 2.1.4 B2\_10MHz

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	0.658	0.0004	-2.5 to 2.5	Pass
					3.85	-9.441	-0.0051	-2.5 to 2.5	Pass
					4.43	-5.894	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-10.042	-0.0054	-2.5 to 2.5	Pass

				-10	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass	
				0	3.85	-8.883	-0.0048	-2.5 to 2.5	Pass	
				10	3.85	-8.354	-0.0045	-2.5 to 2.5	Pass	
				30	3.85	-5.236	-0.0028	-2.5 to 2.5	Pass	
				40	3.85	-7.081	-0.0038	-2.5 to 2.5	Pass	
				50	3.85	-12.388	-0.0067	-2.5 to 2.5	Pass	
	1880	50	0	20	3.27	-3.390	-0.0018	-2.5 to 2.5	Pass	
					3.85	-6.638	-0.0035	-2.5 to 2.5	Pass	
					4.43	-7.339	-0.0039	-2.5 to 2.5	Pass	
				-30	3.85	-12.875	-0.0068	-2.5 to 2.5	Pass	
				-20	3.85	-11.129	-0.0059	-2.5 to 2.5	Pass	
				-10	3.85	-13.947	-0.0074	-2.5 to 2.5	Pass	
		0	3.85	0.615	0.0003	-2.5 to 2.5	Pass			
		10	3.85	-5.751	-0.0031	-2.5 to 2.5	Pass			
		30	3.85	-4.649	-0.0025	-2.5 to 2.5	Pass			
		40	3.85	-3.719	-0.0020	-2.5 to 2.5	Pass			
		50	3.85	-9.885	-0.0053	-2.5 to 2.5	Pass			
		1905	50	0	20	3.27	-7.739	-0.0041	-2.5 to 2.5	Pass
	3.85					-12.302	-0.0065	-2.5 to 2.5	Pass	
	4.43					-8.655	-0.0045	-2.5 to 2.5	Pass	
	-30				3.85	-4.735	-0.0025	-2.5 to 2.5	Pass	
	-20				3.85	-10.657	-0.0056	-2.5 to 2.5	Pass	
	-10				3.85	-3.133	-0.0016	-2.5 to 2.5	Pass	
	0		3.85	-8.497	-0.0045	-2.5 to 2.5	Pass			
	10		3.85	-10.557	-0.0055	-2.5 to 2.5	Pass			
	30		3.85	-10.486	-0.0055	-2.5 to 2.5	Pass			
	40		3.85	-7.324	-0.0038	-2.5 to 2.5	Pass			
	50		3.85	-1.559	-0.0008	-2.5 to 2.5	Pass			
	16QAM		1855	50	0	20	3.27	-9.398	-0.0051	-2.5 to 2.5
		3.85					-0.572	-0.0003	-2.5 to 2.5	Pass
4.43		-18.654					-0.0101	-2.5 to 2.5	Pass	
-30		3.85				-3.190	-0.0017	-2.5 to 2.5	Pass	
-20		3.85				-7.024	-0.0038	-2.5 to 2.5	Pass	
-10		3.85				0.372	0.0002	-2.5 to 2.5	Pass	
0		3.85		-7.839	-0.0042	-2.5 to 2.5	Pass			
10		3.85		-11.487	-0.0062	-2.5 to 2.5	Pass			
30		3.85		-7.453	-0.0040	-2.5 to 2.5	Pass			
40		3.85		-1.416	-0.0008	-2.5 to 2.5	Pass			
50		3.85		-0.358	-0.0002	-2.5 to 2.5	Pass			
1880		50		0	20	3.27	-7.381	-0.0039	-2.5 to 2.5	Pass
			3.85			-1.359	-0.0007	-2.5 to 2.5	Pass	
			4.43			-0.830	-0.0004	-2.5 to 2.5	Pass	
			-30		3.85	-12.059	-0.0064	-2.5 to 2.5	Pass	
			-20		3.85	-7.052	-0.0038	-2.5 to 2.5	Pass	
			-10		3.85	-6.752	-0.0036	-2.5 to 2.5	Pass	
		0	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass			
		10	3.85	-12.259	-0.0065	-2.5 to 2.5	Pass			
		30	3.85	-1.931	-0.0010	-2.5 to 2.5	Pass			
		40	3.85	-2.418	-0.0013	-2.5 to 2.5	Pass			
		50	3.85	-11.501	-0.0061	-2.5 to 2.5	Pass			
		1905	50	0	20	3.27	-7.424	-0.0039	-2.5 to 2.5	Pass
3.85						-5.136	-0.0027	-2.5 to 2.5	Pass	
4.43						-4.249	-0.0022	-2.5 to 2.5	Pass	
-30					3.85	-5.822	-0.0031	-2.5 to 2.5	Pass	
-20					3.85	-5.722	-0.0030	-2.5 to 2.5	Pass	
-10					3.85	-4.578	-0.0024	-2.5 to 2.5	Pass	
0		3.85	-4.063	-0.0021	-2.5 to 2.5	Pass				

				10	3.85	-7.453	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.024	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-8.082	-0.0042	-2.5 to 2.5	Pass

### 2.1.5 B2\_15MHz

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	-7.296	-0.0039	-2.5 to 2.5	Pass
					3.85	-7.596	-0.0041	-2.5 to 2.5	Pass
					4.43	-5.264	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-7.081	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-15.292	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-10.629	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-28.782	-0.0155	-2.5 to 2.5	Pass
				10	3.85	1.016	0.0005	-2.5 to 2.5	Pass
				30	3.85	-5.379	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-2.189	-0.0012	-2.5 to 2.5	Pass
	50	3.85	-3.190	-0.0017	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-2.975	-0.0016	-2.5 to 2.5	Pass
					3.85	-13.633	-0.0073	-2.5 to 2.5	Pass
					4.43	-9.356	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-11.888	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-11.029	-0.0059	-2.5 to 2.5	Pass
				-10	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-11.616	-0.0062	-2.5 to 2.5	Pass
				10	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.730	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-8.683	-0.0046	-2.5 to 2.5	Pass
	50	3.85	-11.301	-0.0060	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-8.740	-0.0046	-2.5 to 2.5	Pass
					3.85	-6.967	-0.0037	-2.5 to 2.5	Pass
					4.43	-13.490	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-9.670	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-5.894	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-10.672	-0.0056	-2.5 to 2.5	Pass
30				3.85	-12.302	-0.0065	-2.5 to 2.5	Pass	
40				3.85	-8.111	-0.0043	-2.5 to 2.5	Pass	
50	3.85	-5.178	-0.0027	-2.5 to 2.5	Pass				
16QAM	1857.5	75	0	20	3.27	-5.779	-0.0031	-2.5 to 2.5	Pass
					3.85	-1.702	-0.0009	-2.5 to 2.5	Pass
					4.43	-5.279	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-8.826	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	0.658	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-2.089	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-10.886	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-8.583	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-3.619	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-9.999	-0.0054	-2.5 to 2.5	Pass
	50	3.85	-4.363	-0.0023	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-11.945	-0.0064	-2.5 to 2.5	Pass

					3.85	-8.984	-0.0048	-2.5 to 2.5	Pass	
					4.43	-8.340	-0.0044	-2.5 to 2.5	Pass	
				-30	3.85	-3.963	-0.0021	-2.5 to 2.5	Pass	
				-20	3.85	-10.371	-0.0055	-2.5 to 2.5	Pass	
				-10	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass	
				0	3.85	-7.124	-0.0038	-2.5 to 2.5	Pass	
				10	3.85	-13.289	-0.0071	-2.5 to 2.5	Pass	
				30	3.85	-12.460	-0.0066	-2.5 to 2.5	Pass	
				40	3.85	0.830	0.0004	-2.5 to 2.5	Pass	
	50	3.85	1.516	0.0008	-2.5 to 2.5	Pass				
	1902.5	75	0	20		3.27	-5.364	-0.0028	-2.5 to 2.5	Pass
						3.85	-4.964	-0.0026	-2.5 to 2.5	Pass
						4.43	-14.377	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-6.781	-0.0036	-2.5 to 2.5	Pass	
				-20	3.85	-12.174	-0.0064	-2.5 to 2.5	Pass	
				-10	3.85	-5.851	-0.0031	-2.5 to 2.5	Pass	
				0	3.85	0.901	0.0005	-2.5 to 2.5	Pass	
				10	3.85	-6.280	-0.0033	-2.5 to 2.5	Pass	
30				3.85	-8.283	-0.0044	-2.5 to 2.5	Pass		
40	3.85	-12.460	-0.0065	-2.5 to 2.5	Pass					
50	3.85	-8.326	-0.0044	-2.5 to 2.5	Pass					

## 2.1.6 B2\_20MHz

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	-4.849	-0.0026	-2.5 to 2.5	Pass
						3.85	-6.194	-0.0033	-2.5 to 2.5	Pass
						4.43	-9.513	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-8.454	-0.0045	-2.5 to 2.5	Pass	
				-20	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass	
				-10	3.85	-5.937	-0.0032	-2.5 to 2.5	Pass	
				0	3.85	-8.326	-0.0045	-2.5 to 2.5	Pass	
				10	3.85	-11.029	-0.0059	-2.5 to 2.5	Pass	
				30	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass	
	40	3.85	6.151	0.0033	-2.5 to 2.5	Pass				
	50	3.85	-7.596	-0.0041	-2.5 to 2.5	Pass				
	1880	100	0	20		3.27	-10.686	-0.0057	-2.5 to 2.5	Pass
						3.85	-7.696	-0.0041	-2.5 to 2.5	Pass
						4.43	-9.999	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-6.838	-0.0036	-2.5 to 2.5	Pass	
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass	
				-10	3.85	-5.479	-0.0029	-2.5 to 2.5	Pass	
				0	3.85	-11.544	-0.0061	-2.5 to 2.5	Pass	
				10	3.85	-14.606	-0.0078	-2.5 to 2.5	Pass	
				30	3.85	-9.785	-0.0052	-2.5 to 2.5	Pass	
	40	3.85	-6.294	-0.0033	-2.5 to 2.5	Pass				
	50	3.85	-5.507	-0.0029	-2.5 to 2.5	Pass				
	1900	100	0	20		3.27	-5.937	-0.0031	-2.5 to 2.5	Pass
						3.85	-9.427	-0.0050	-2.5 to 2.5	Pass
						4.43	-6.495	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-11.973	-0.0063	-2.5 to 2.5	Pass	
				-20	3.85	-12.488	-0.0066	-2.5 to 2.5	Pass	
-10	3.85	-5.307	-0.0028	-2.5 to 2.5	Pass					

				0	3.85	-3.362	-0.0018	-2.5 to 2.5	Pass			
				10	3.85	-16.065	-0.0085	-2.5 to 2.5	Pass			
				30	3.85	-9.441	-0.0050	-2.5 to 2.5	Pass			
				40	3.85	-6.151	-0.0032	-2.5 to 2.5	Pass			
				50	3.85	-7.038	-0.0037	-2.5 to 2.5	Pass			
16QAM	1860	100	0	20	3.27	-6.552	-0.0035	-2.5 to 2.5	Pass			
					3.85	-1.945	-0.0010	-2.5 to 2.5	Pass			
					4.43	-6.294	-0.0034	-2.5 to 2.5	Pass			
				-30	3.85	-5.121	-0.0028	-2.5 to 2.5	Pass			
				-20	3.85	-2.575	-0.0014	-2.5 to 2.5	Pass			
				-10	3.85	-4.992	-0.0027	-2.5 to 2.5	Pass			
				0	3.85	-3.905	-0.0021	-2.5 to 2.5	Pass			
				10	3.85	-0.644	-0.0003	-2.5 to 2.5	Pass			
				30	3.85	-11.315	-0.0061	-2.5 to 2.5	Pass			
				40	3.85	-7.439	-0.0040	-2.5 to 2.5	Pass			
				50	3.85	-3.977	-0.0021	-2.5 to 2.5	Pass			
				1880	100	0	20	3.27	-8.340	-0.0044	-2.5 to 2.5	Pass
								3.85	-10.743	-0.0057	-2.5 to 2.5	Pass
								4.43	-7.482	-0.0040	-2.5 to 2.5	Pass
							-30	3.85	-0.944	-0.0005	-2.5 to 2.5	Pass
	-20	3.85	-2.532				-0.0013	-2.5 to 2.5	Pass			
	-10	3.85	-6.824				-0.0036	-2.5 to 2.5	Pass			
	0	3.85	-9.284				-0.0049	-2.5 to 2.5	Pass			
	10	3.85	-13.776				-0.0073	-2.5 to 2.5	Pass			
	30	3.85	-7.882				-0.0042	-2.5 to 2.5	Pass			
	40	3.85	-9.098				-0.0048	-2.5 to 2.5	Pass			
	50	3.85	-9.770				-0.0052	-2.5 to 2.5	Pass			
	1900	100	0				20	3.27	-12.774	-0.0067	-2.5 to 2.5	Pass
								3.85	-7.453	-0.0039	-2.5 to 2.5	Pass
								4.43	-9.956	-0.0052	-2.5 to 2.5	Pass
							-30	3.85	23.131	0.0122	-2.5 to 2.5	Pass
				-20	3.85	-12.145	-0.0064	-2.5 to 2.5	Pass			
				-10	3.85	-7.839	-0.0041	-2.5 to 2.5	Pass			
				0	3.85	-10.743	-0.0057	-2.5 to 2.5	Pass			
				10	3.85	-10.357	-0.0055	-2.5 to 2.5	Pass			
30				3.85	-8.140	-0.0043	-2.5 to 2.5	Pass				
40				3.85	-4.020	-0.0021	-2.5 to 2.5	Pass				
50				3.85	-7.868	-0.0041	-2.5 to 2.5	Pass				

### 3. Modulation Characteristics

#### 3.1 Test Result

##### 3.1.1 B2\_1.4MHz

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 B2\_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
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

### 3.1.3 B2\_5MHz

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

### 3.1.4 B2\_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
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

### 3.1.5 B2\_15MHz

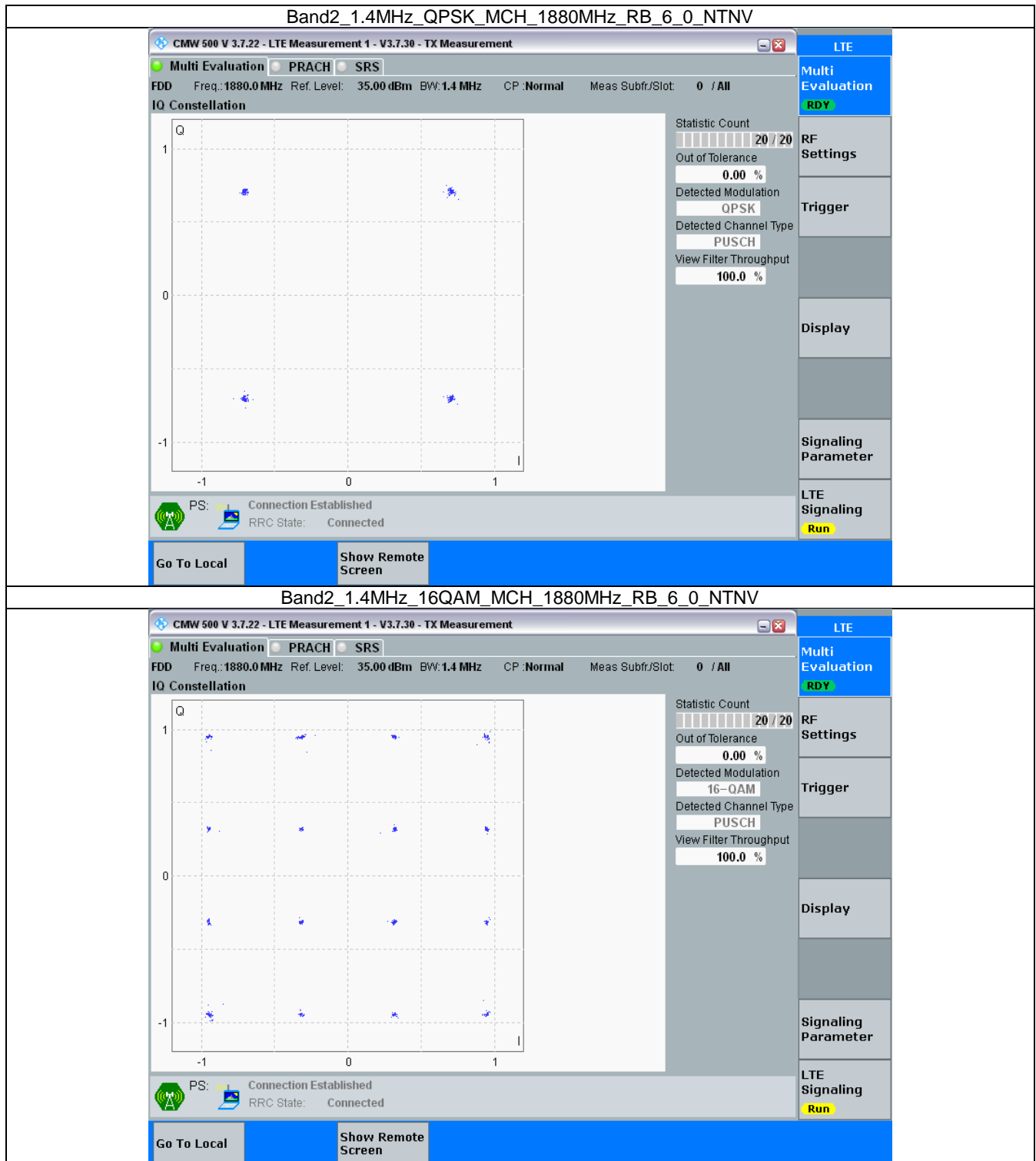
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

### 3.1.6 B2\_20MHz

Band: 2 / Bandwidth: 20MHz / NTNV						
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

## 3.2 Test Graph

### 3.2.1 B2\_1.4MHz





### 3.2.2 B2\_3MHz

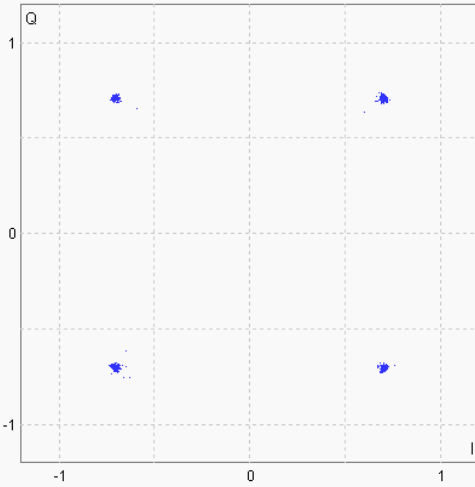
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV

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: 40.00 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 2 / All

**IQ Constellation**



Statistic Count: 20 / 20  
 Out of Tolerance: 0.00 %  
 Detected Modulation: QPSK  
 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**

---

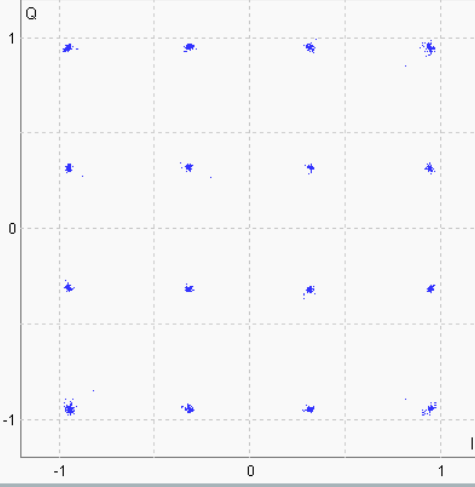
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV

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: 40.00 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 2 / 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

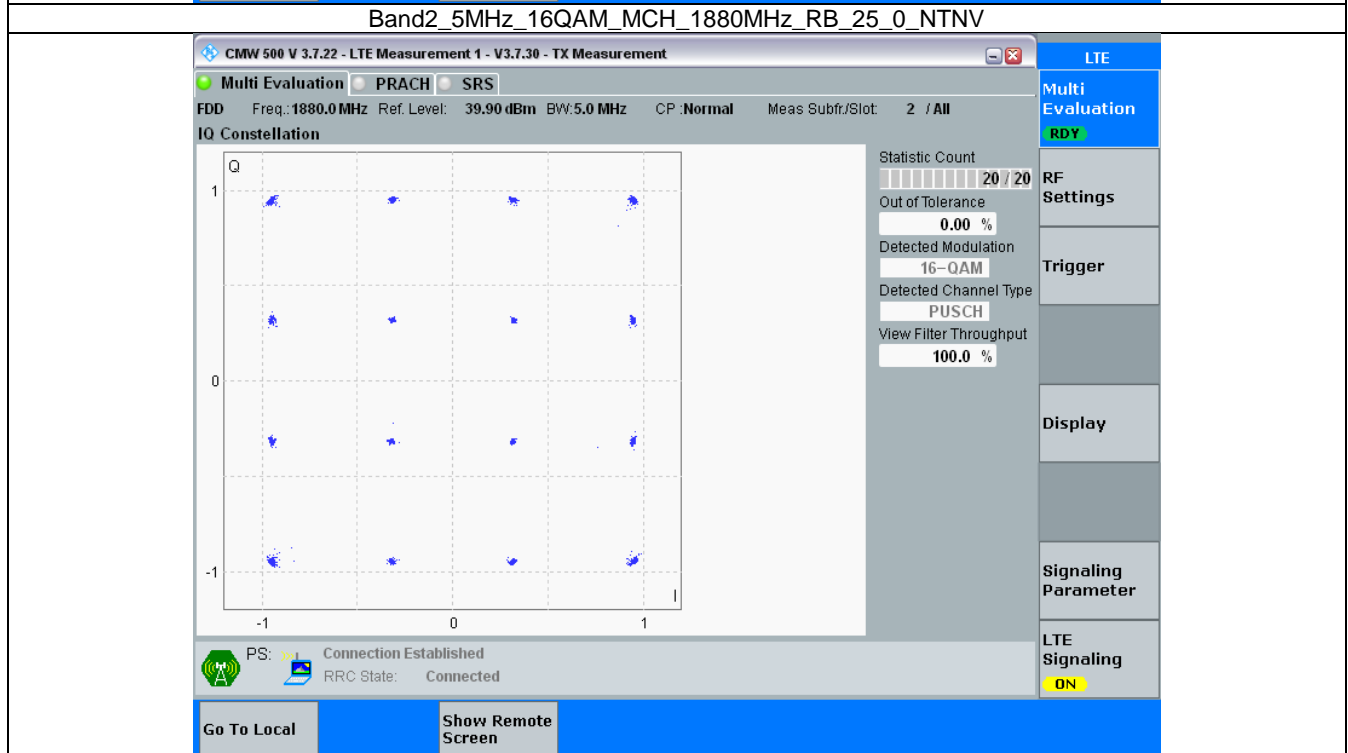
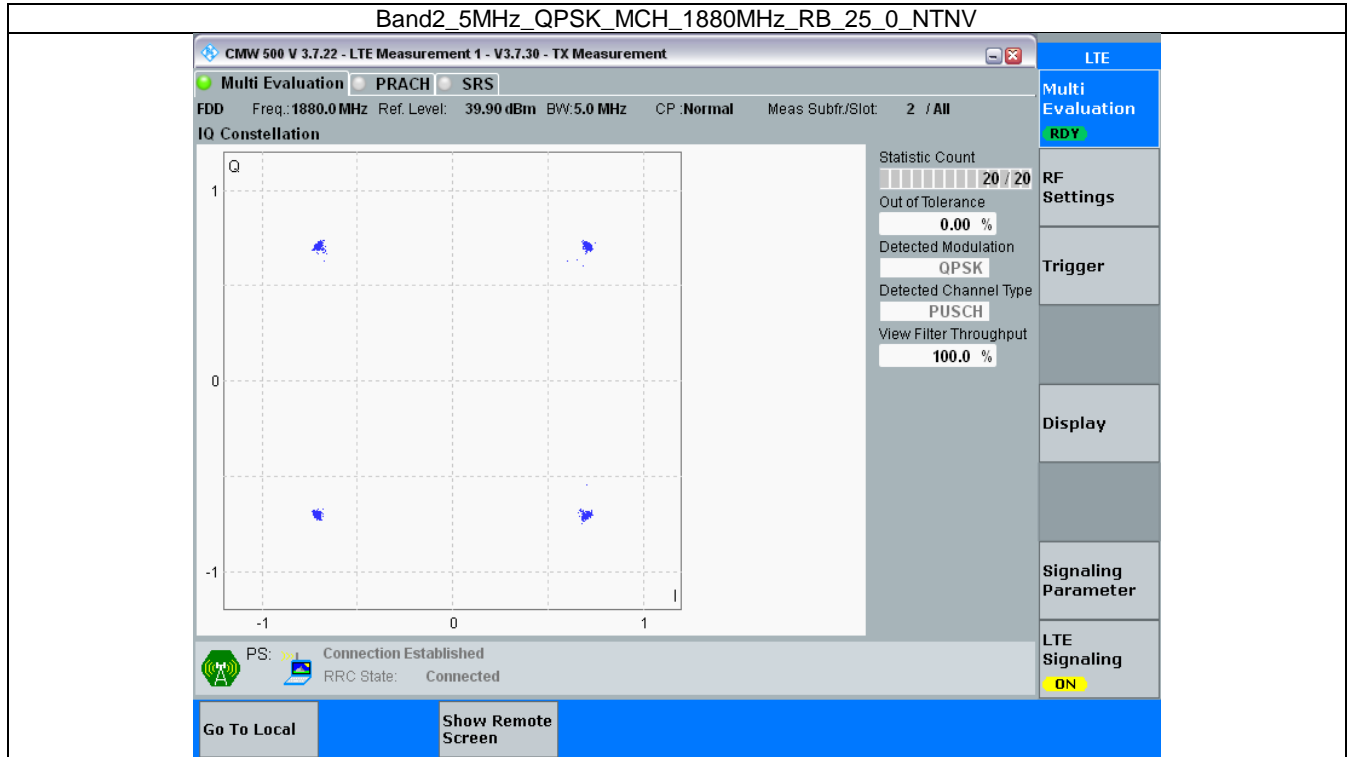
Trigger

Display

Signaling Parameter

LTE Signaling **ON**

### 3.2.3 B2\_5MHz



### 3.2.4 B2\_10MHz

Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV

LTE

Multi Evaluation  
**RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**

Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV

LTE

Multi Evaluation  
**RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**

### 3.2.5 B2\_15MHz

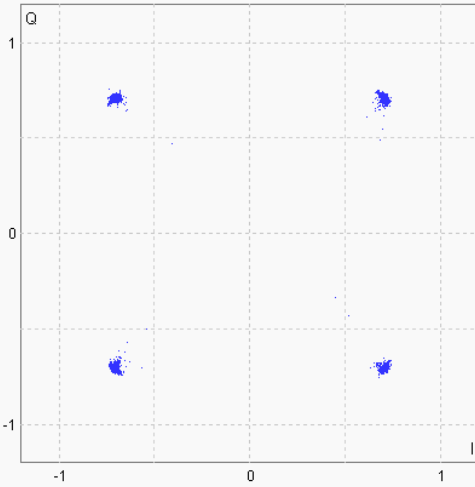
**Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV**

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: 40.00 dBm
BW: 15.0 MHz
CP: Normal
Meas Subfr./Slot: 2 / All

**IQ Constellation**



Statistic Count  
 20 / 20

Out of Tolerance  
 0.00 %

Detected Modulation  
 QPSK

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

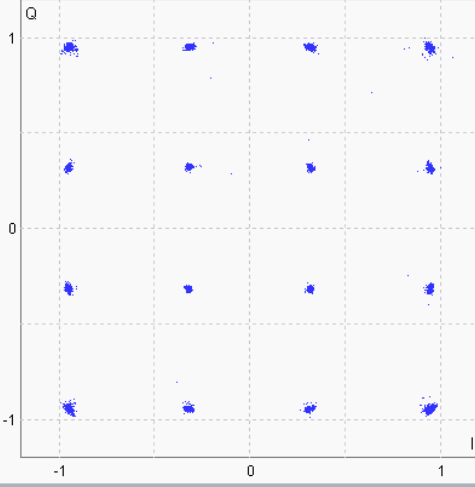
**Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV**

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: 40.00 dBm
BW: 15.0 MHz
CP: Normal
Meas Subfr./Slot: 2 / 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

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### 3.2.6 B2\_20MHz

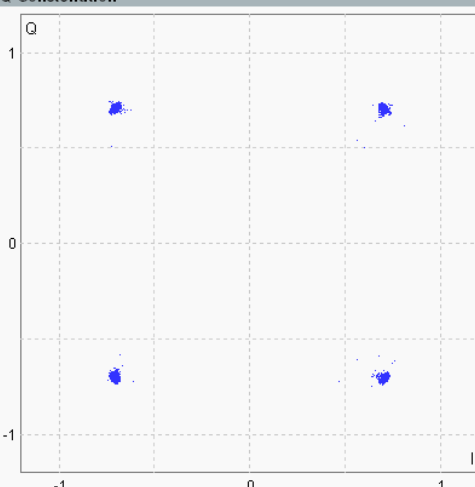
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV

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: 40.00 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 2 / All

**IQ Constellation**



Statistic Count: 20 / 20  
Out of Tolerance: 0.00 %  
Detected Modulation: QPSK  
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**

---

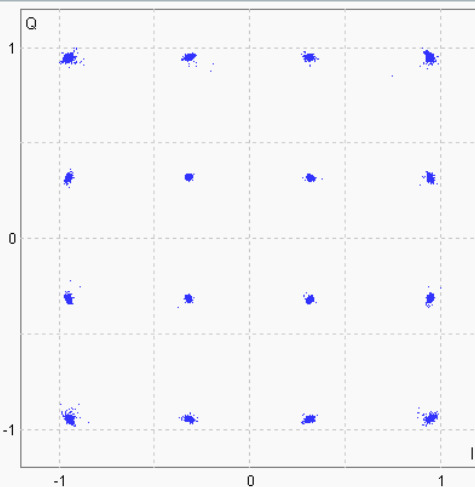
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV

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: 40.00 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 2 / 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**

## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band2\_OBW

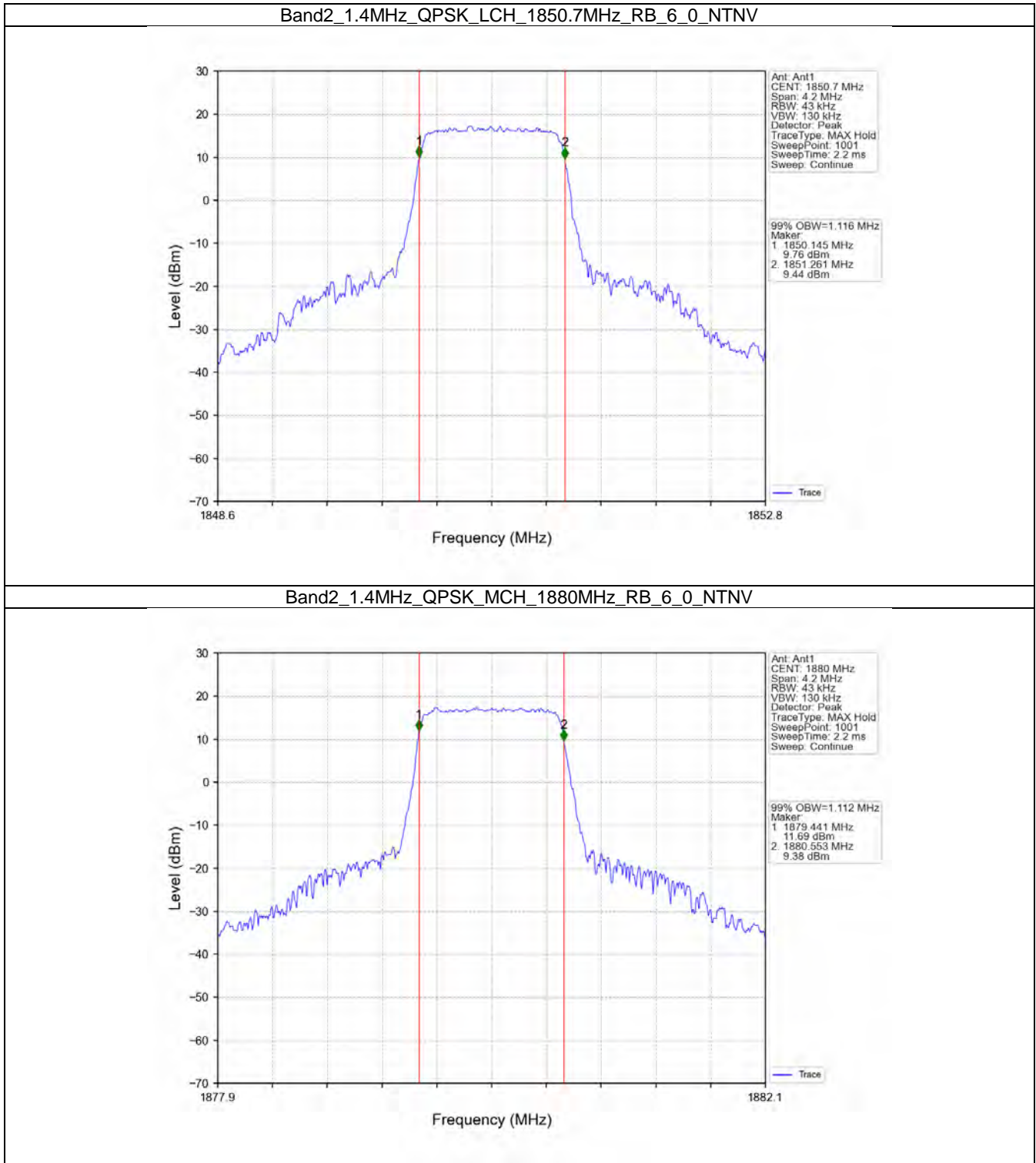
Band: 2 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.116	/	Pass
		1880	6	0	1.112	/	Pass
		1909.3	6	0	1.127	/	Pass
	16QAM	1850.7	6	0	1.102	/	Pass
		1880	6	0	1.113	/	Pass
		1909.3	6	0	1.110	/	Pass
3	QPSK	1851.5	15	0	2.727	/	Pass
		1880	15	0	2.723	/	Pass
		1908.5	15	0	2.715	/	Pass
	16QAM	1851.5	15	0	2.731	/	Pass
		1880	15	0	2.727	/	Pass
		1908.5	15	0	2.713	/	Pass
5	QPSK	1852.5	25	0	4.572	/	Pass
		1880	25	0	4.567	/	Pass
		1907.5	25	0	4.583	/	Pass
	16QAM	1852.5	25	0	4.588	/	Pass
		1880	25	0	4.592	/	Pass
		1907.5	25	0	4.552	/	Pass
10	QPSK	1855	50	0	9.116	/	Pass
		1880	50	0	9.070	/	Pass
		1905	50	0	9.095	/	Pass
	16QAM	1855	50	0	9.101	/	Pass
		1880	50	0	9.112	/	Pass
		1905	50	0	9.089	/	Pass
15	QPSK	1857.5	75	0	13.656	/	Pass
		1880	75	0	13.609	/	Pass
		1902.5	75	0	13.630	/	Pass
	16QAM	1857.5	75	0	13.633	/	Pass
		1880	75	0	13.657	/	Pass
		1902.5	75	0	13.639	/	Pass
20	QPSK	1860	100	0	18.132	/	Pass
		1880	100	0	18.091	/	Pass
		1900	100	0	18.105	/	Pass
	16QAM	1860	100	0	18.132	/	Pass
		1880	100	0	18.084	/	Pass
		1900	100	0	18.122	/	Pass

4.1.2 Band2\_XDB

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.331	/	Pass
		1880	6	0	1.319	/	Pass
		1909.3	6	0	1.308	/	Pass
	16QAM	1850.7	6	0	1.312	/	Pass
		1880	6	0	1.312	/	Pass
		1909.3	6	0	1.322	/	Pass
3	QPSK	1851.5	15	0	2.996	/	Pass
		1880	15	0	2.993	/	Pass
		1908.5	15	0	3.013	/	Pass
	16QAM	1851.5	15	0	2.987	/	Pass
		1880	15	0	2.990	/	Pass
		1908.5	15	0	2.981	/	Pass
5	QPSK	1852.5	25	0	5.307	/	Pass
		1880	25	0	5.882	/	Pass
		1907.5	25	0	5.260	/	Pass
	16QAM	1852.5	25	0	6.024	/	Pass
		1880	25	0	5.496	/	Pass
		1907.5	25	0	5.250	/	Pass
10	QPSK	1855	50	0	10.426	/	Pass
		1880	50	0	10.427	/	Pass
		1905	50	0	10.313	/	Pass
	16QAM	1855	50	0	10.286	/	Pass
		1880	50	0	10.712	/	Pass
		1905	50	0	10.214	/	Pass
15	QPSK	1857.5	75	0	15.519	/	Pass
		1880	75	0	15.285	/	Pass
		1902.5	75	0	15.279	/	Pass
	16QAM	1857.5	75	0	16.472	/	Pass
		1880	75	0	16.410	/	Pass
		1902.5	75	0	15.299	/	Pass
20	QPSK	1860	100	0	20.399	/	Pass
		1880	100	0	20.033	/	Pass
		1900	100	0	20.036	/	Pass
	16QAM	1860	100	0	20.238	/	Pass
		1880	100	0	19.996	/	Pass
		1900	100	0	20.148	/	Pass

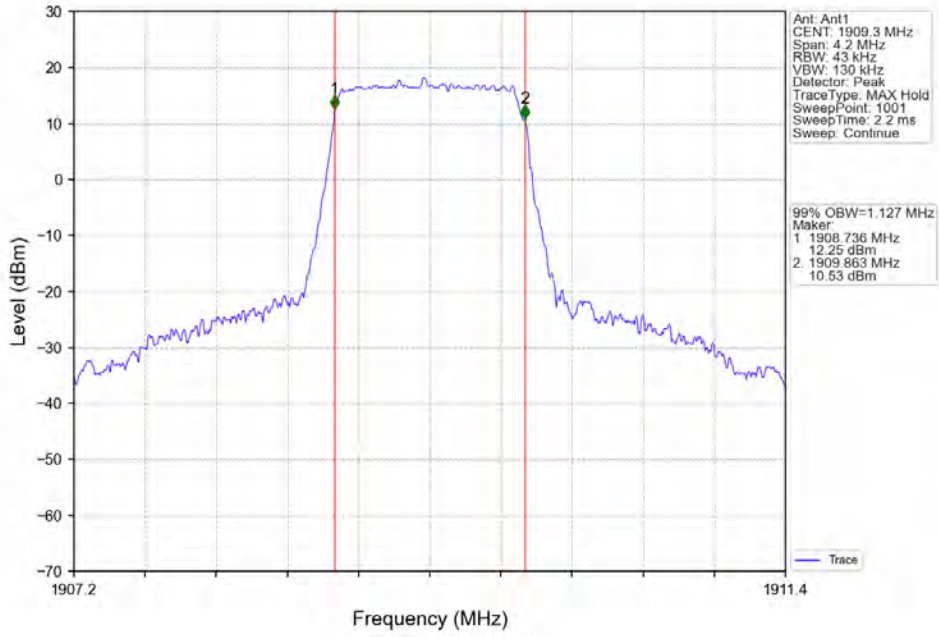
## 4.2 Test Graph

### 4.2.1 Band2\_OBW

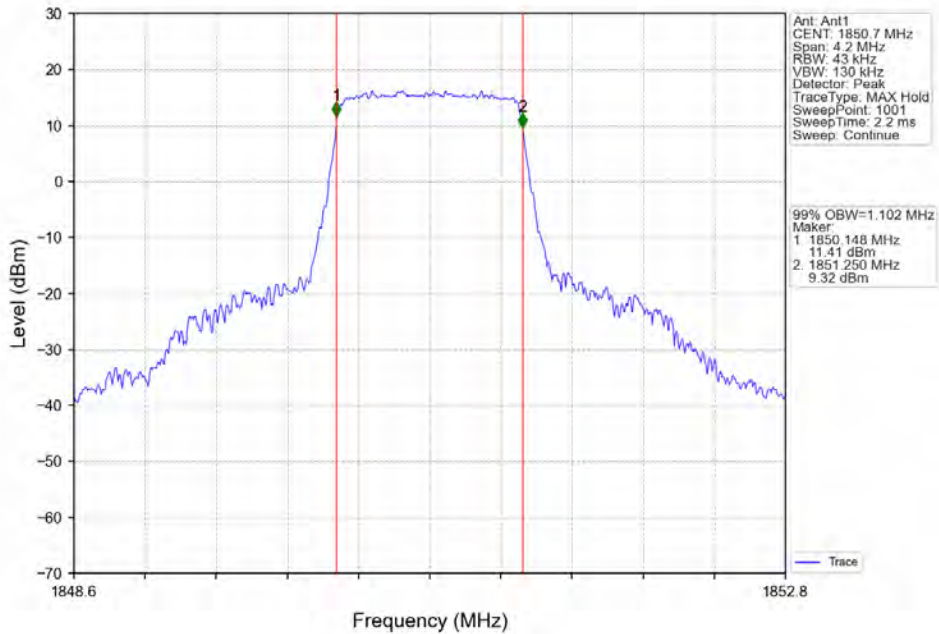




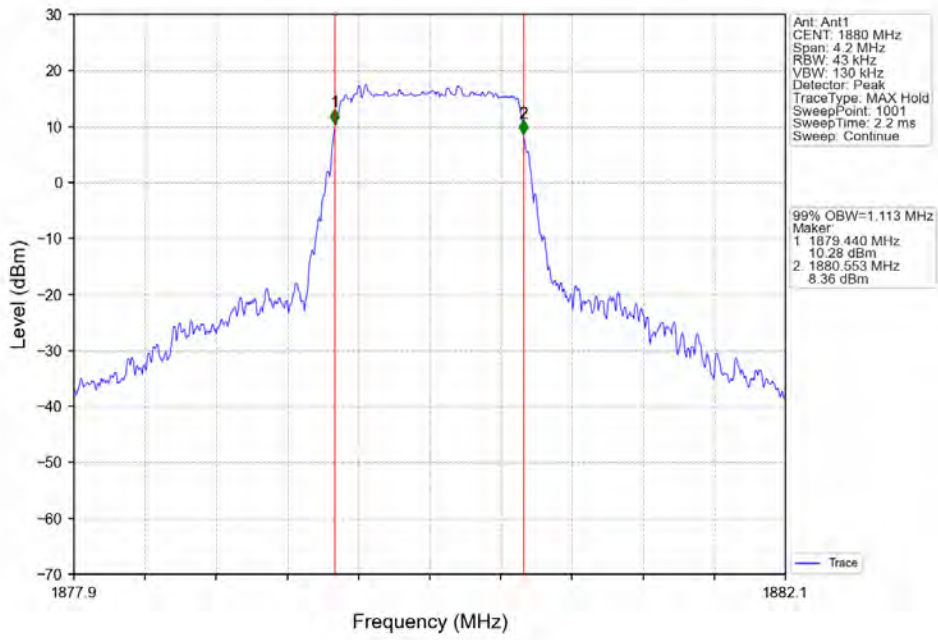
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



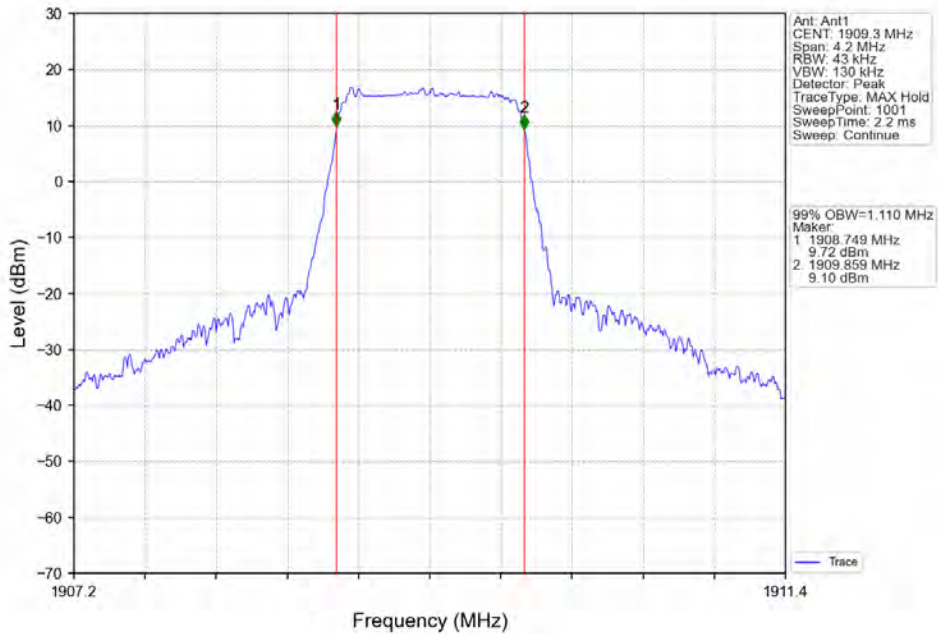
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



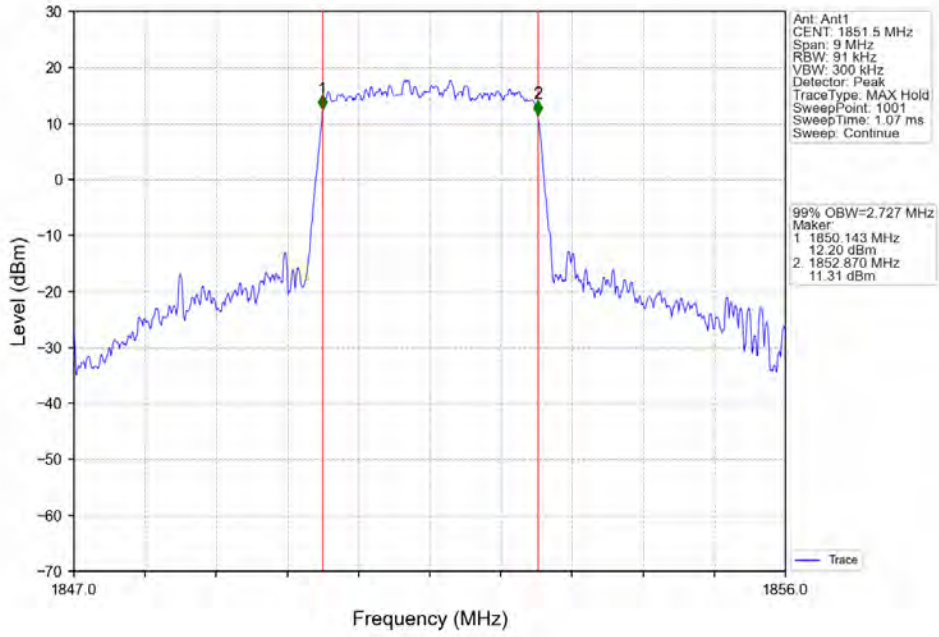
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



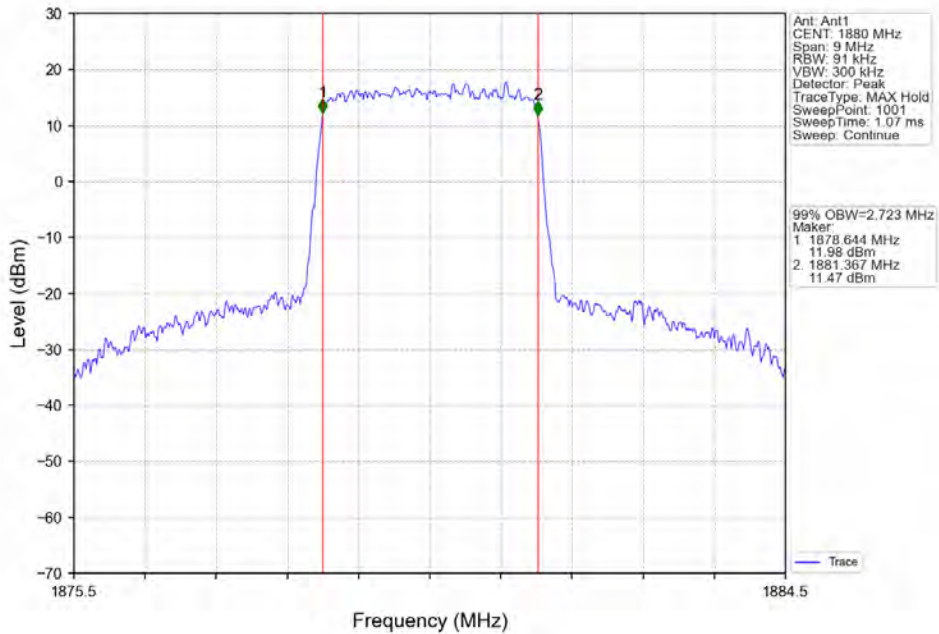
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



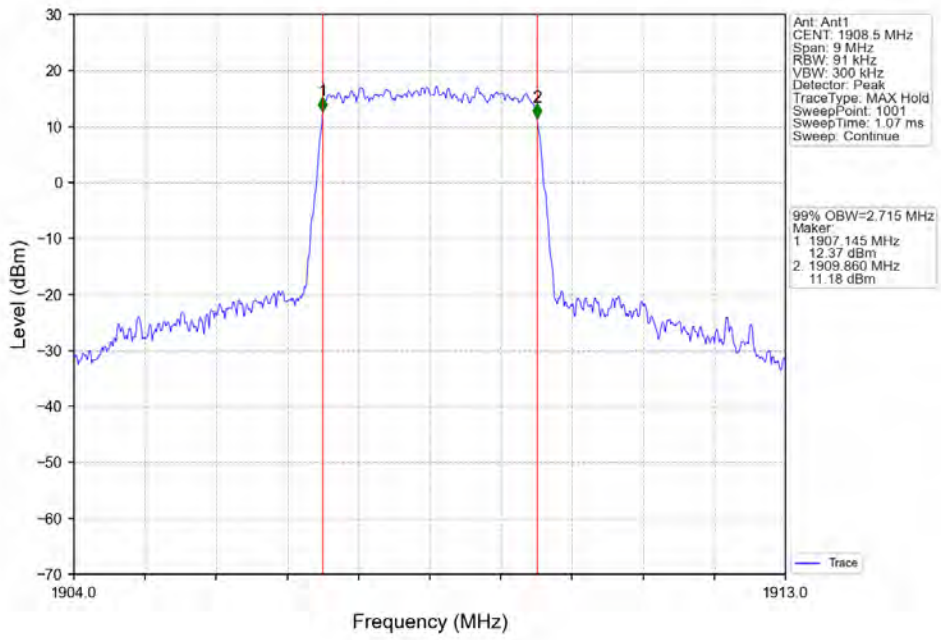
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



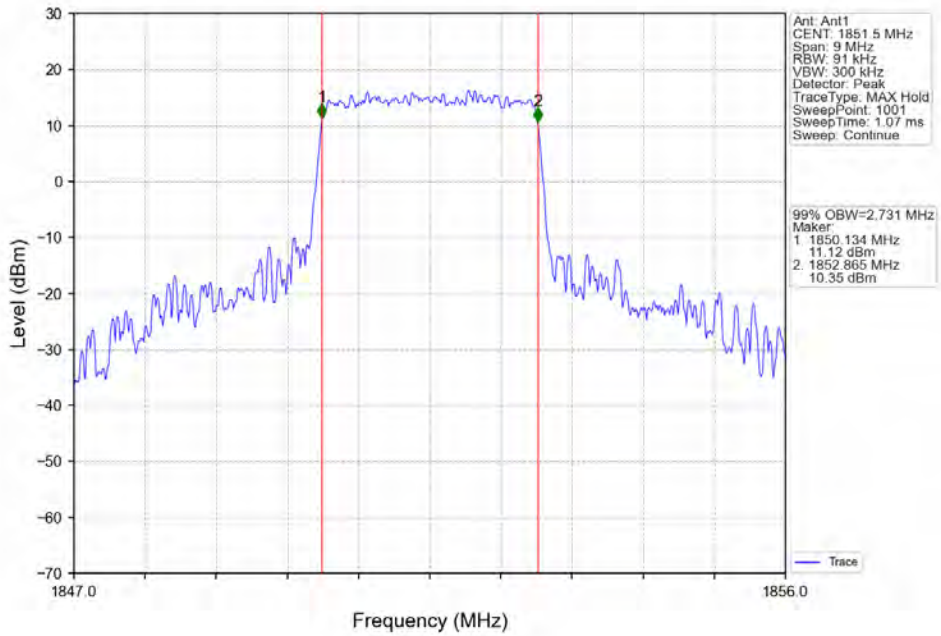
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



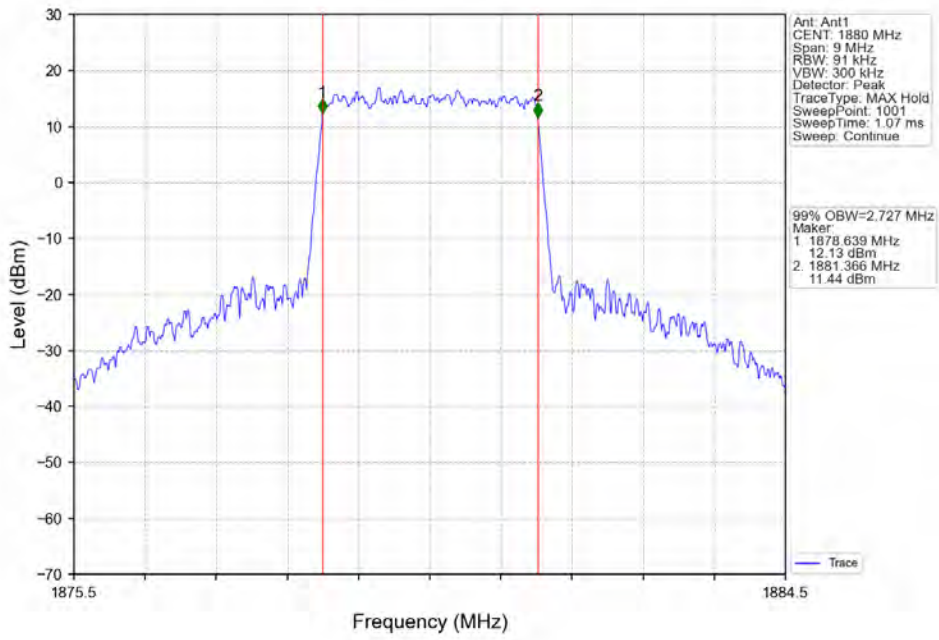
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



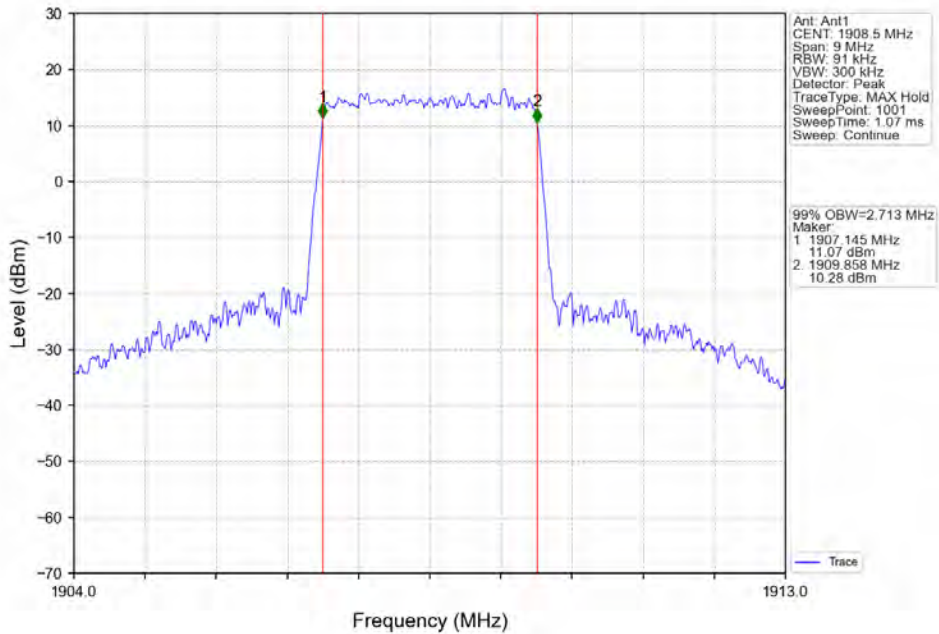
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV

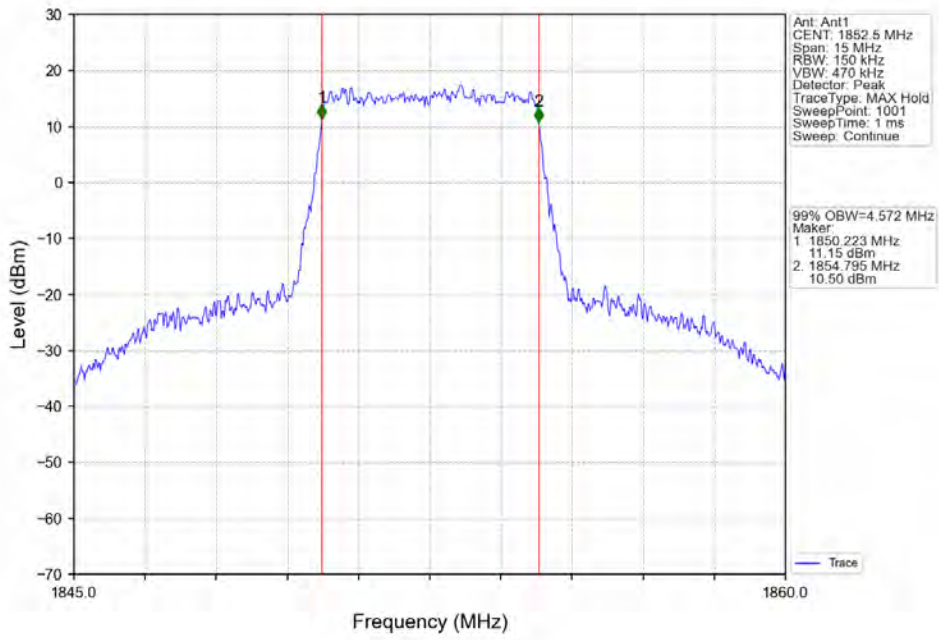


Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

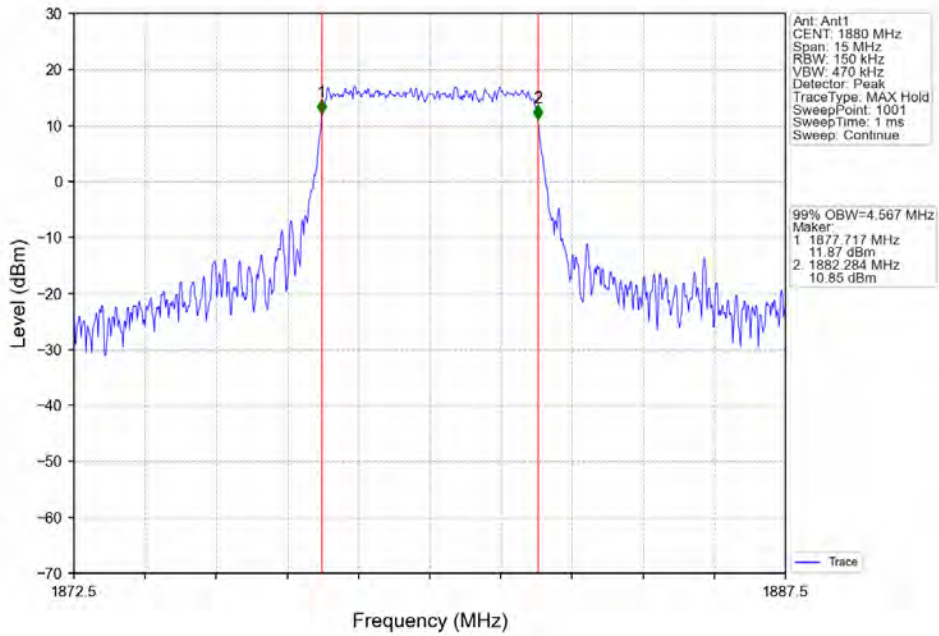




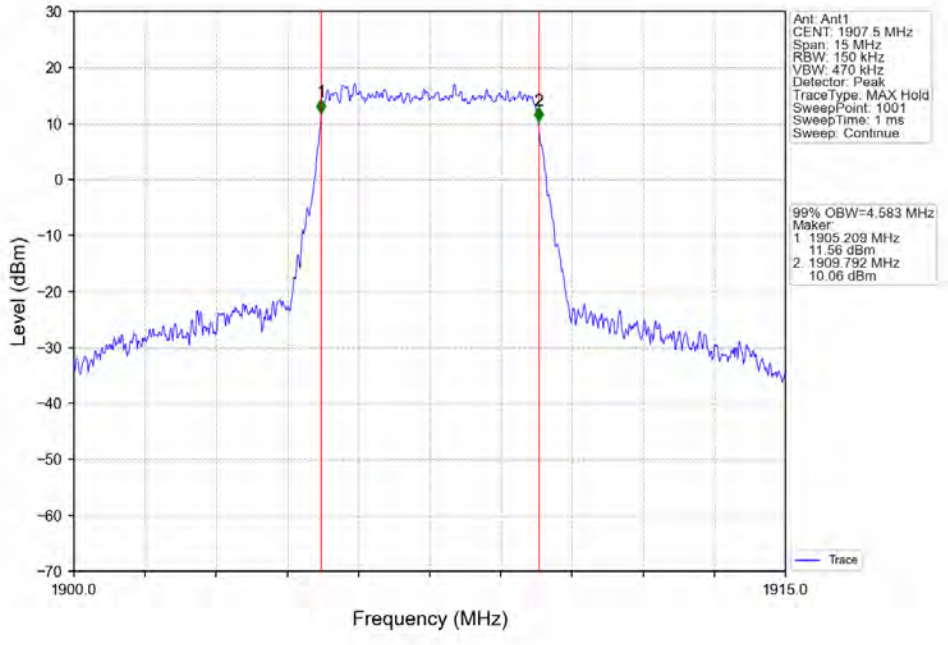
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



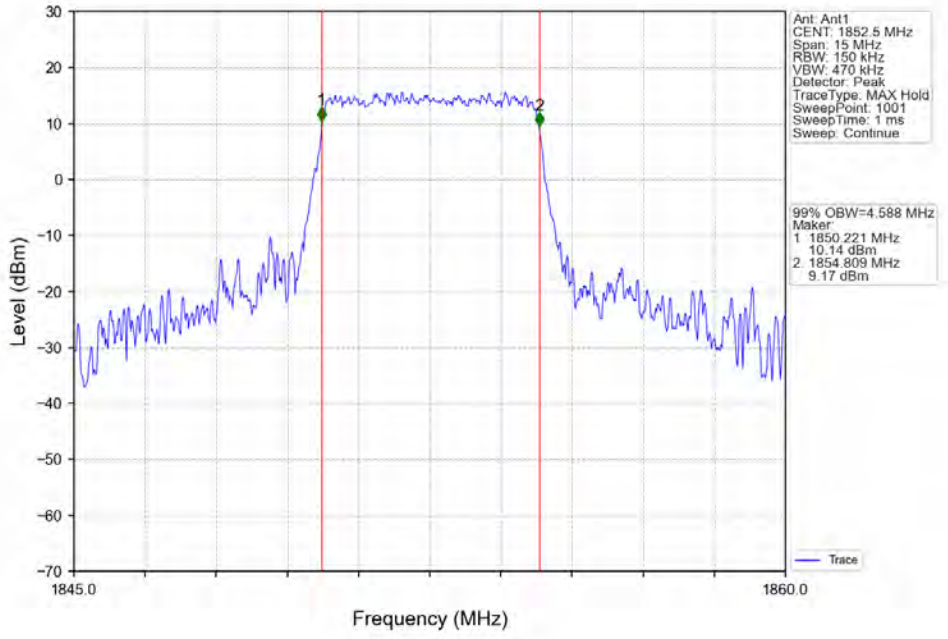
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



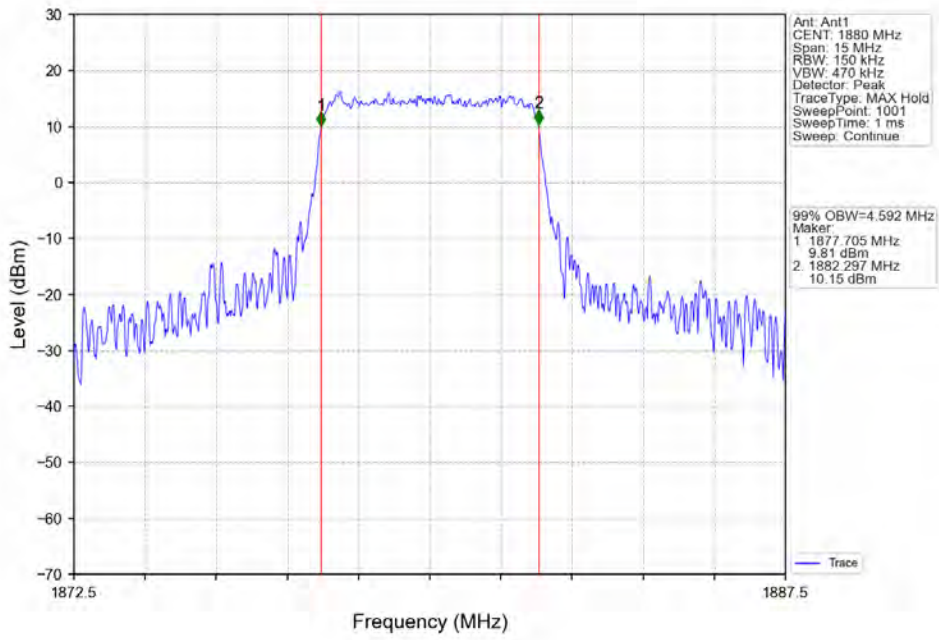
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



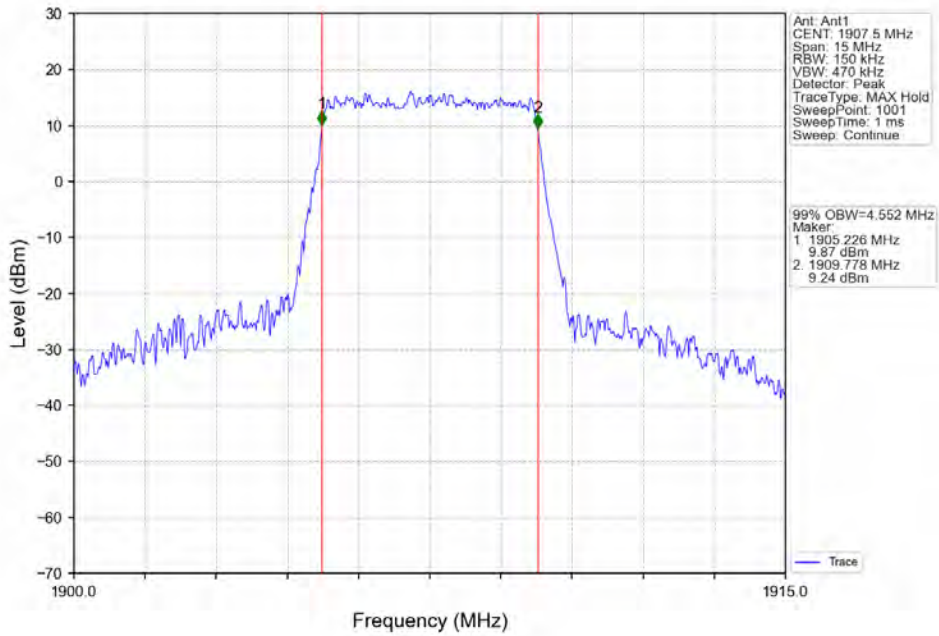
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV

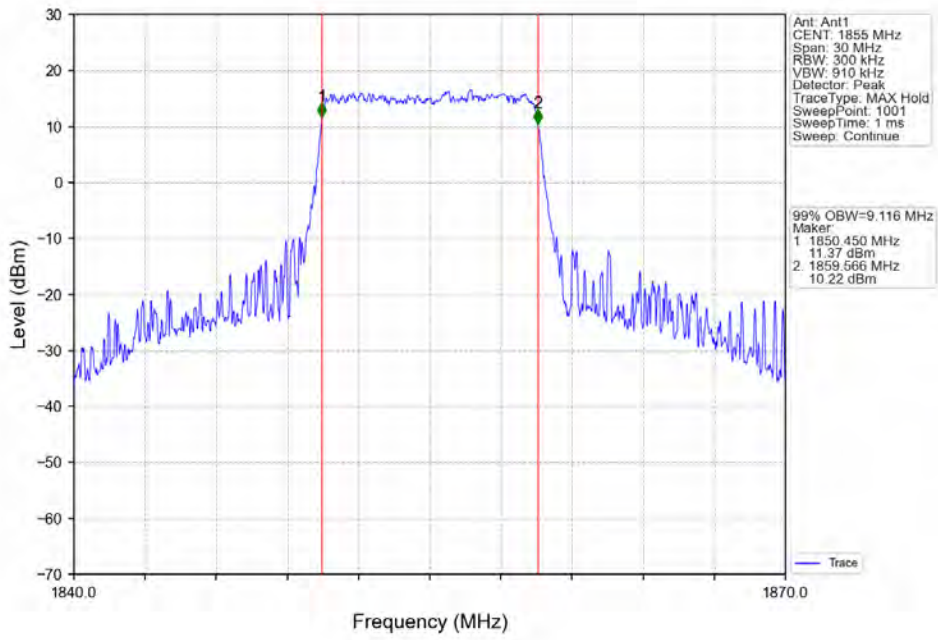


Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

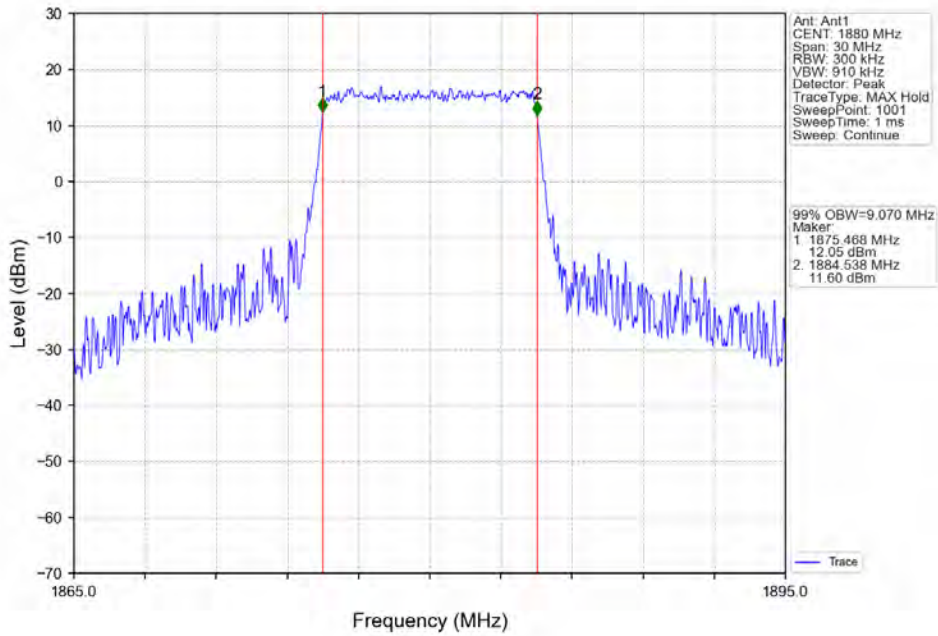




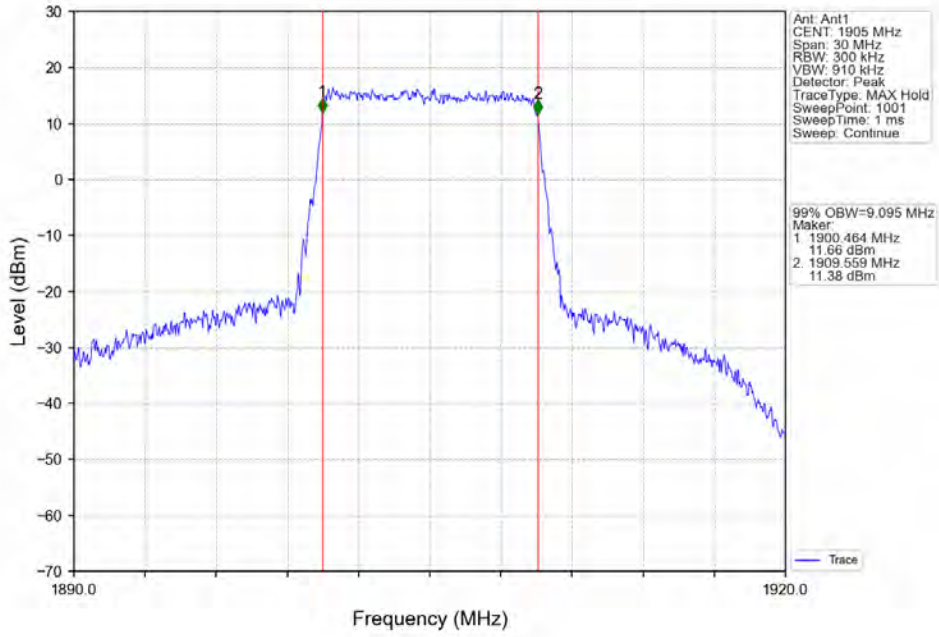
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



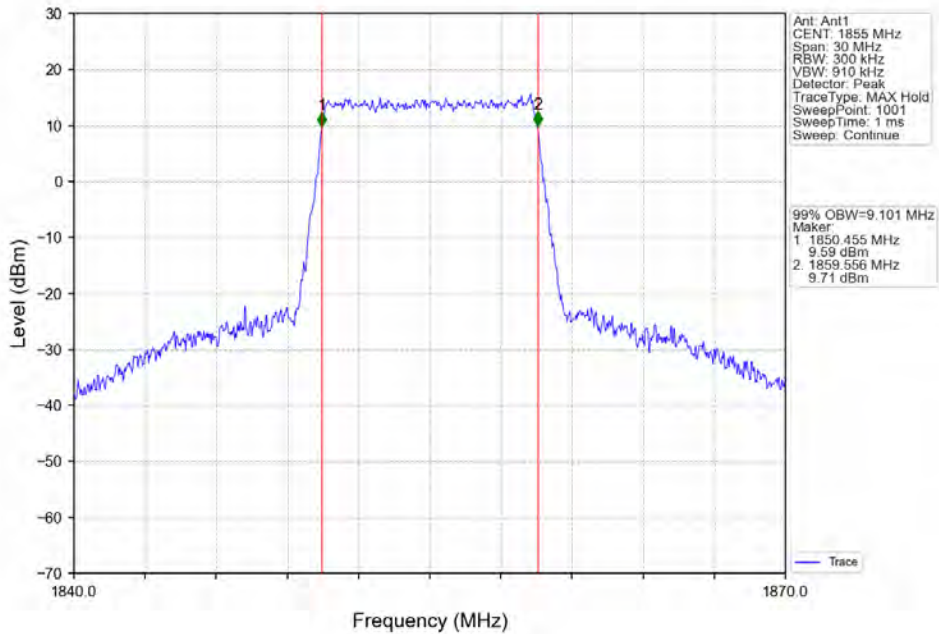
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



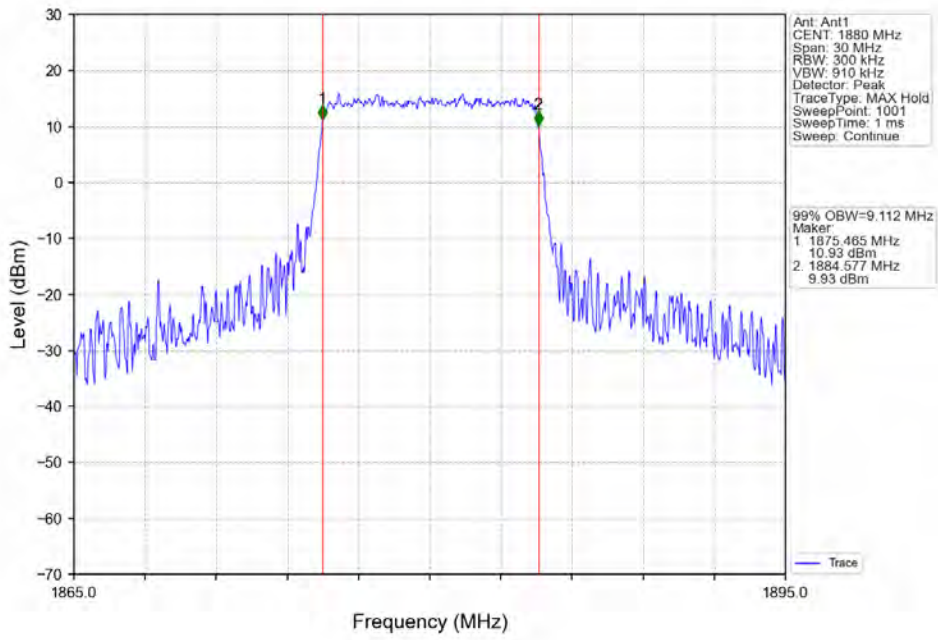
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



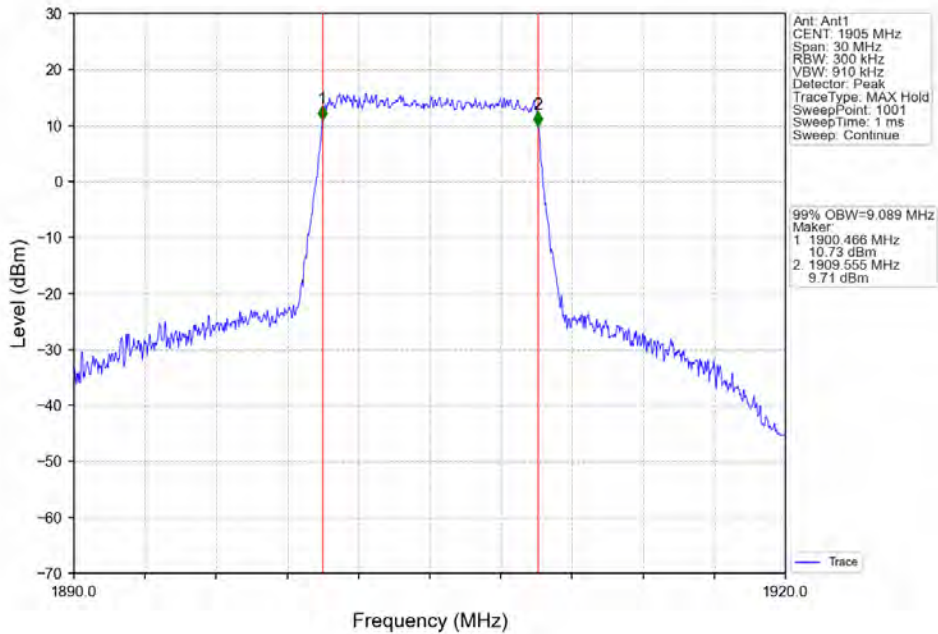
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



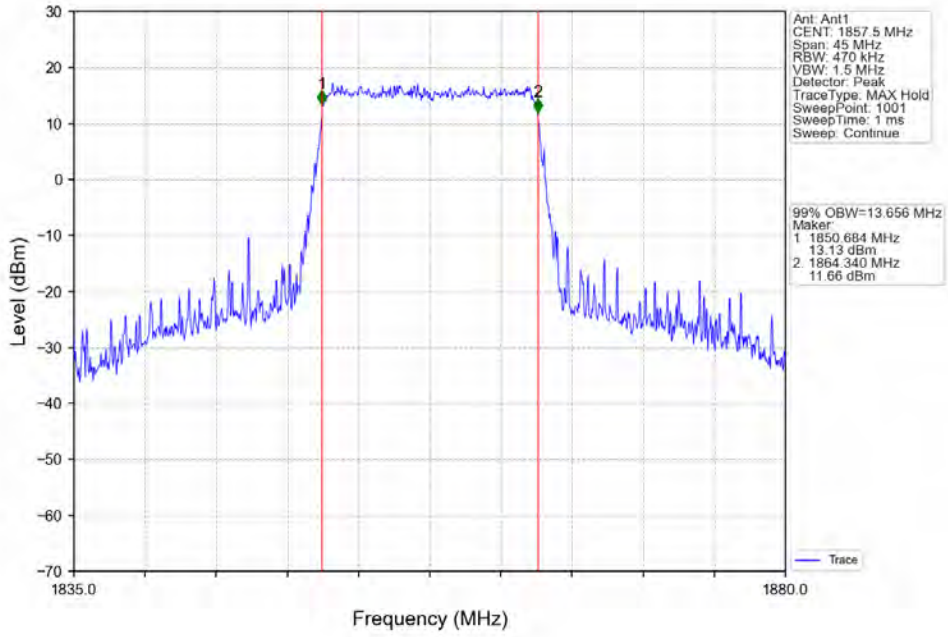
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



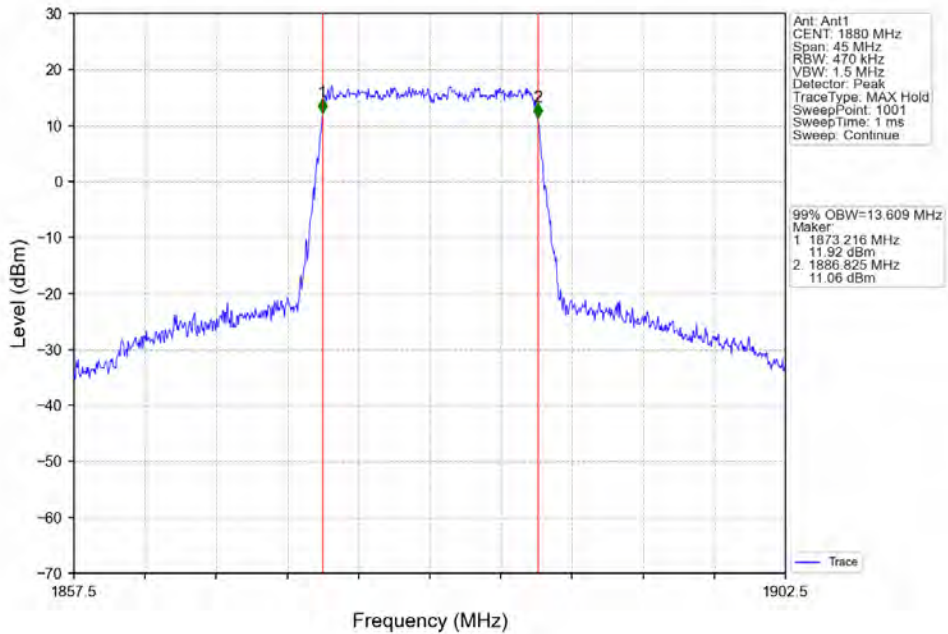
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



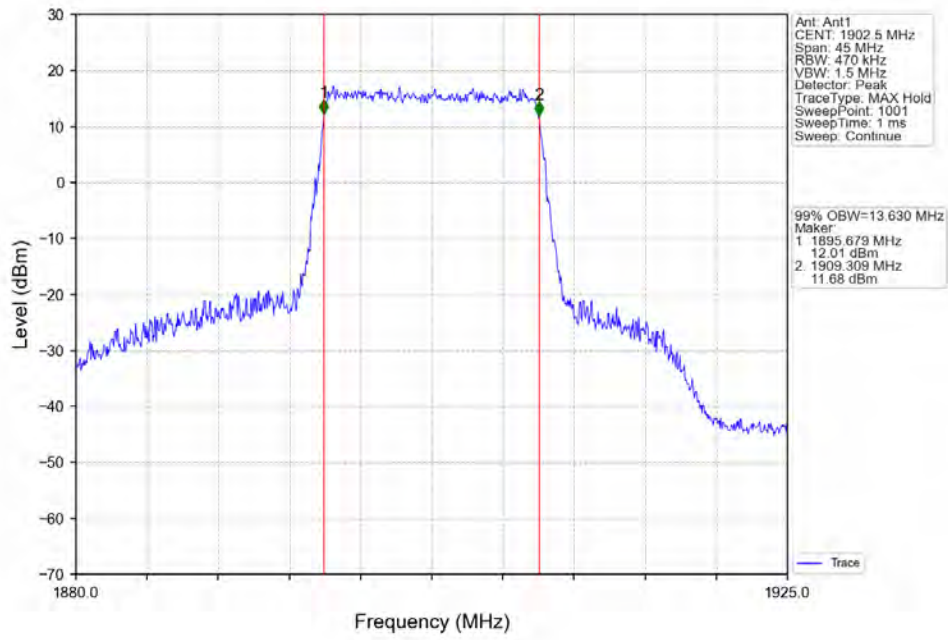
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



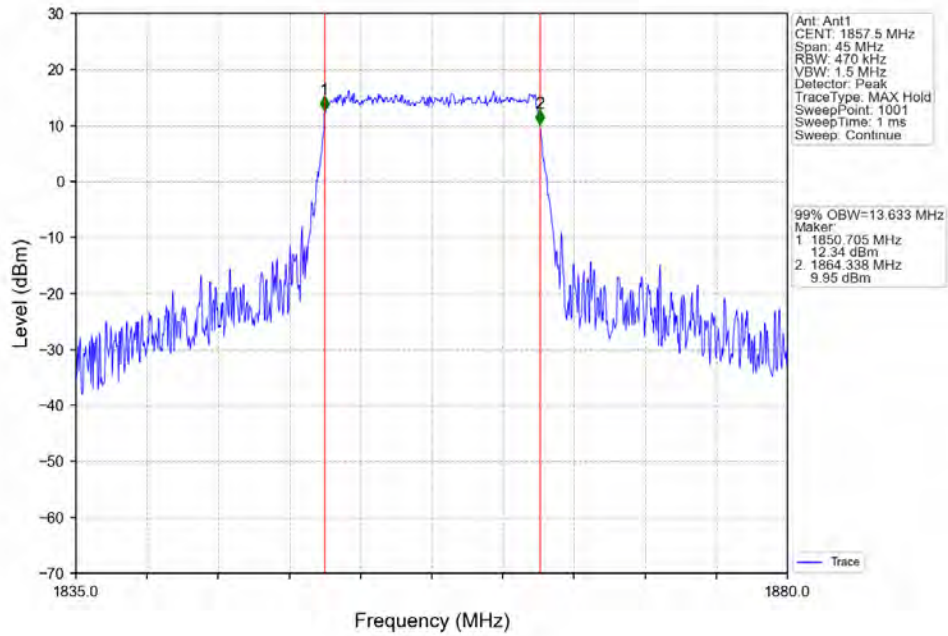
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

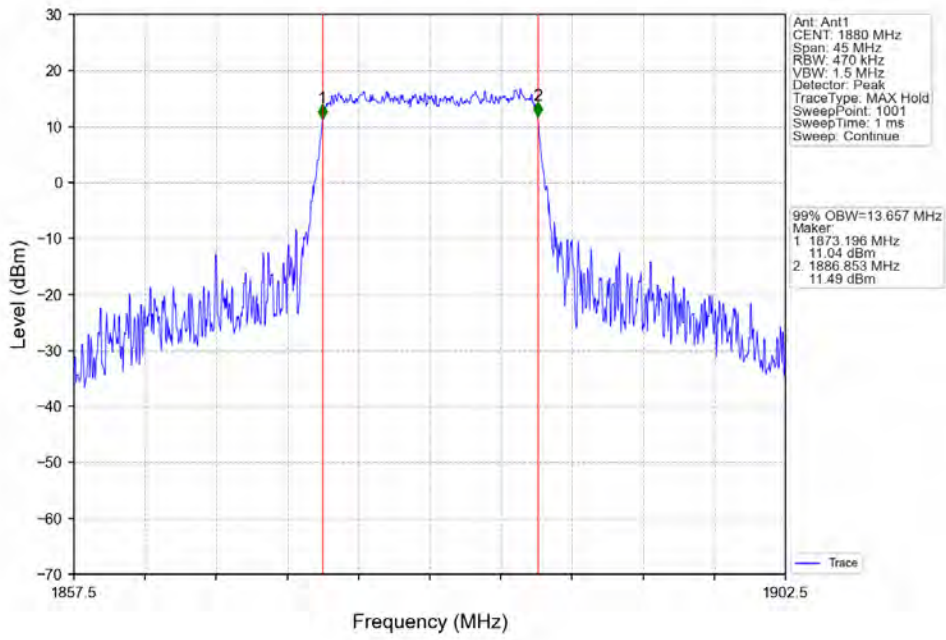


Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

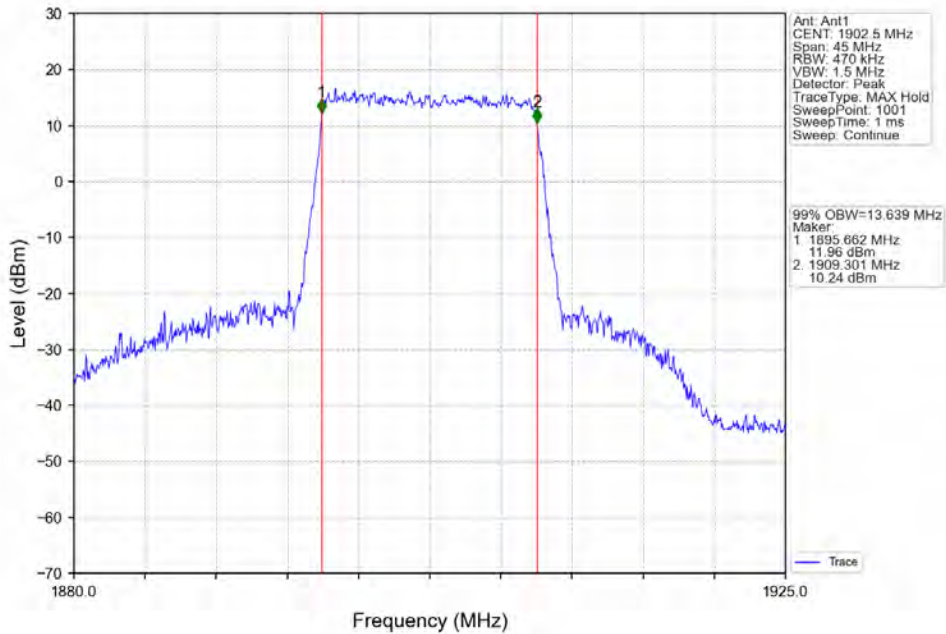




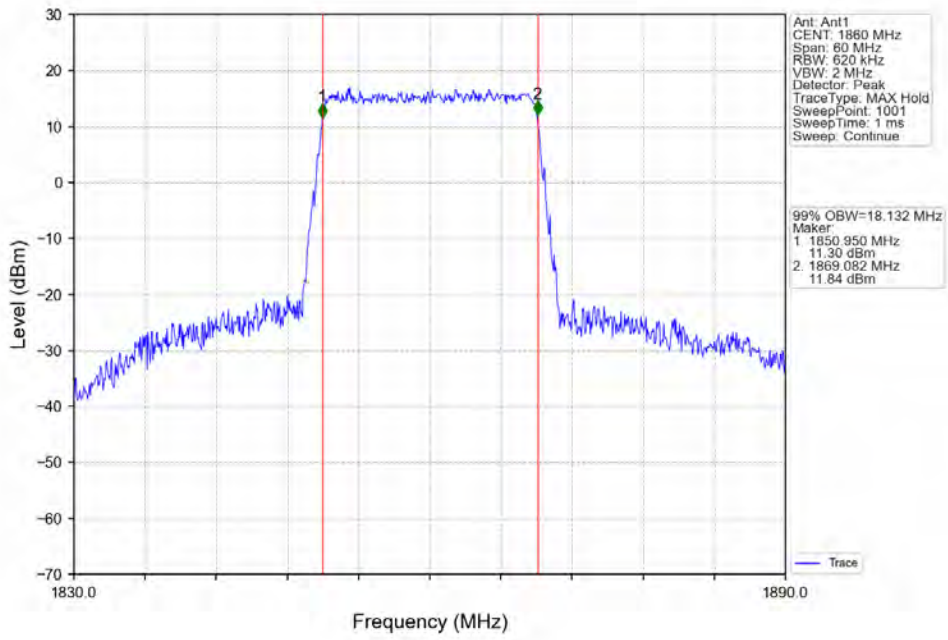
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



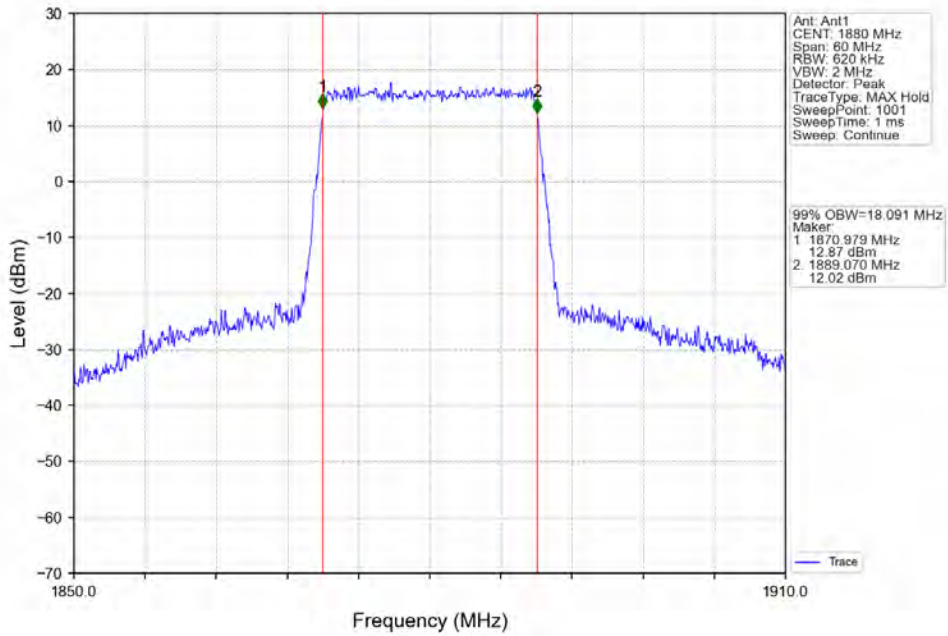
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



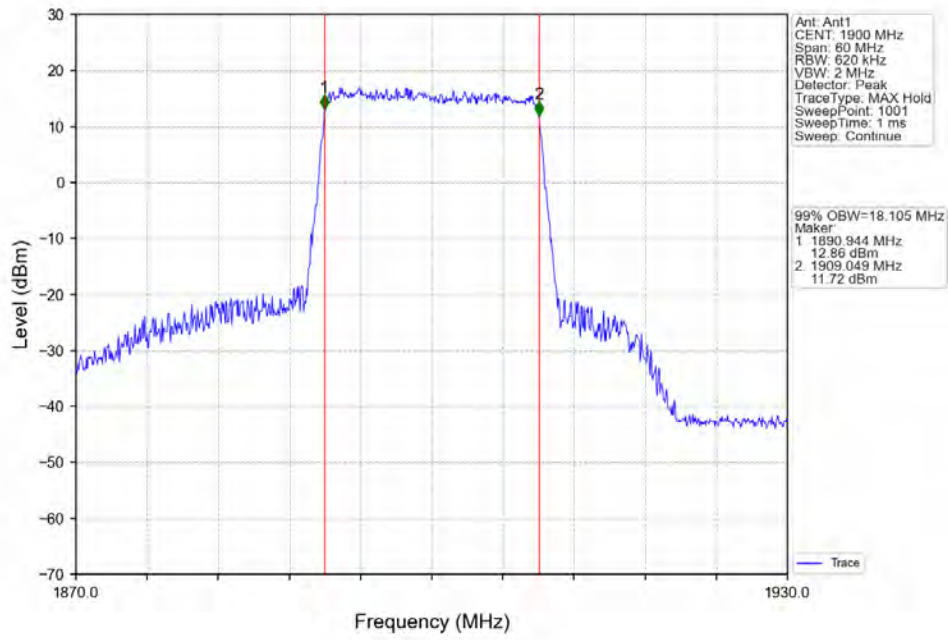
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



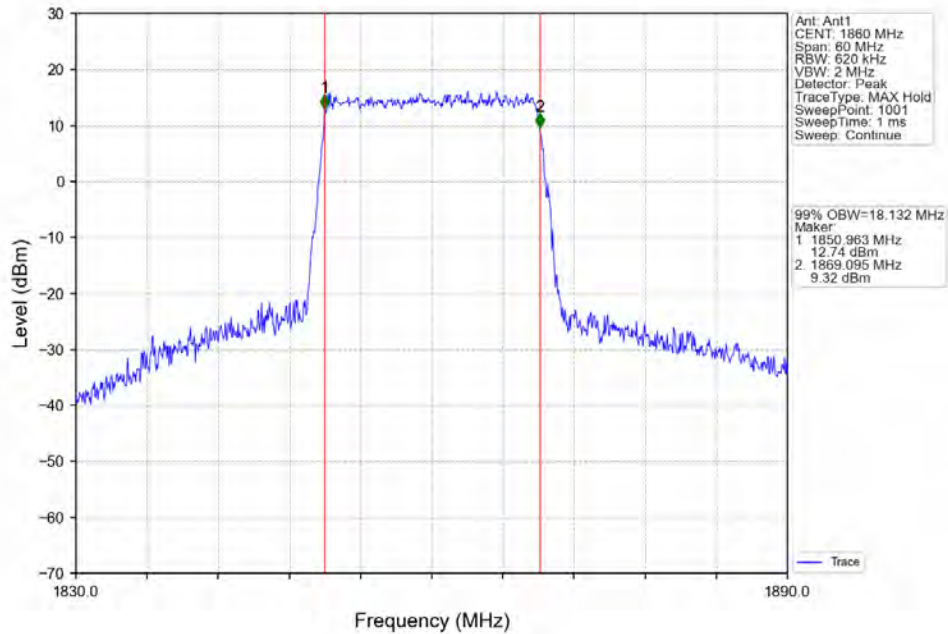
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

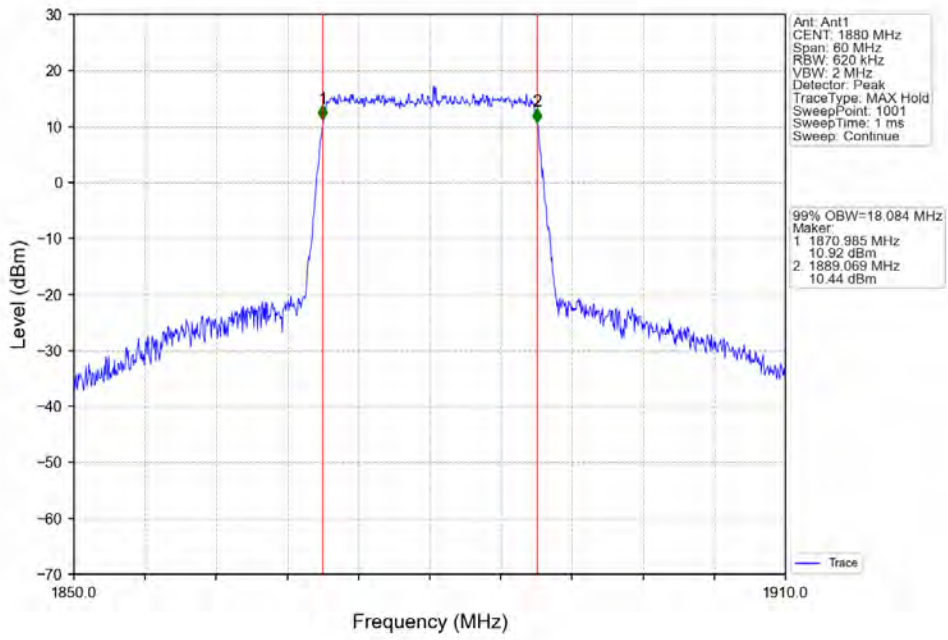


Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

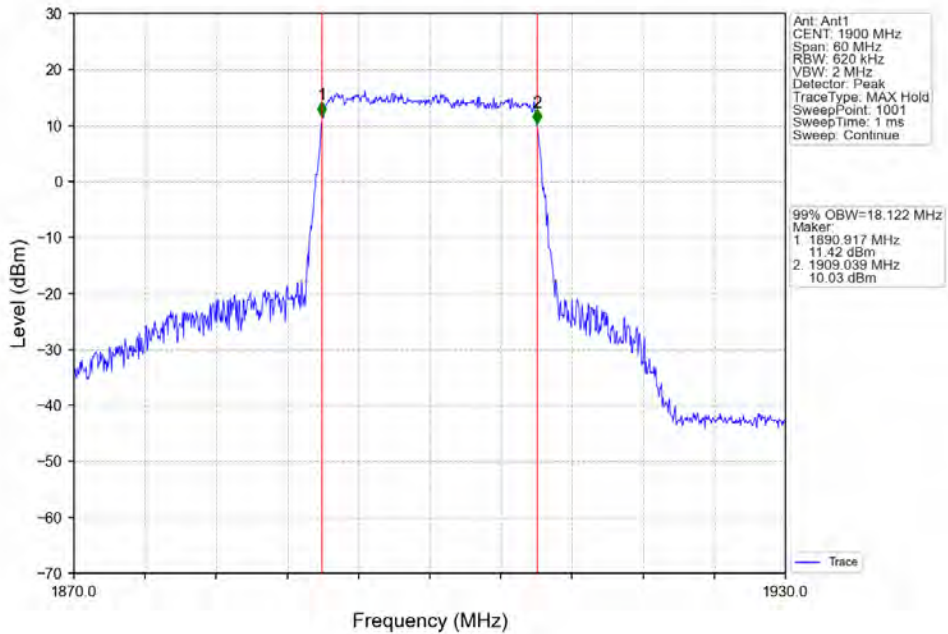




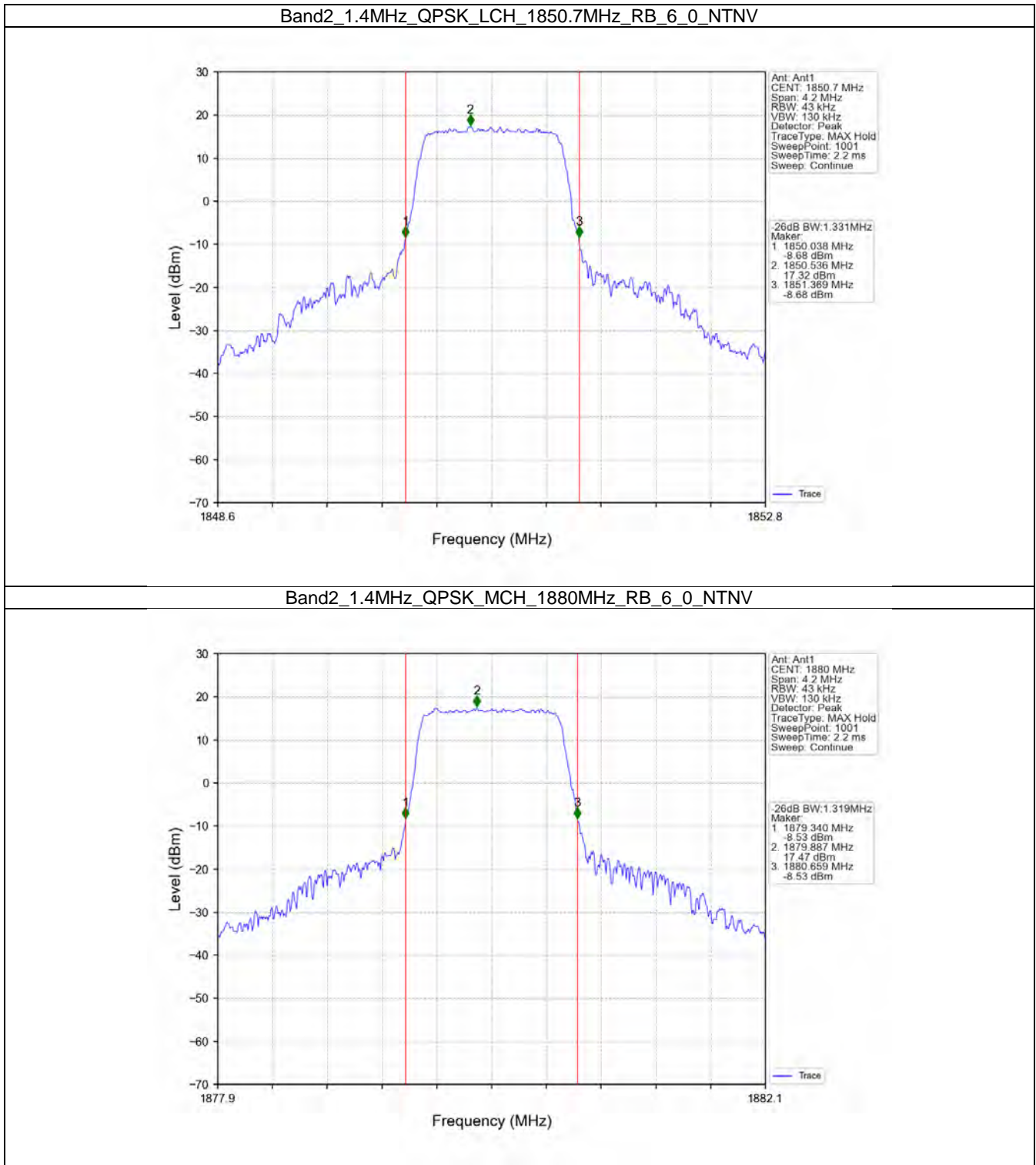
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



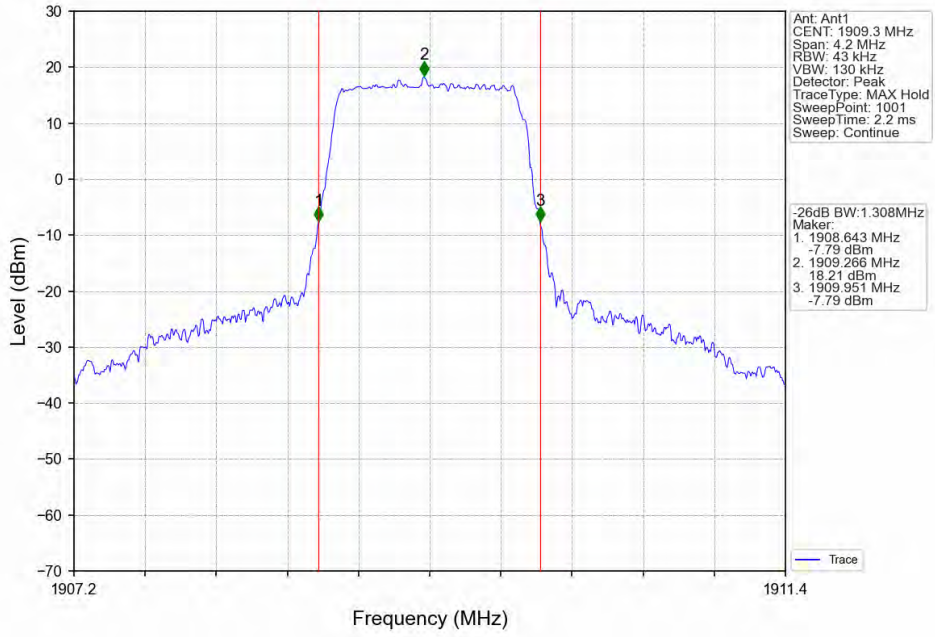
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



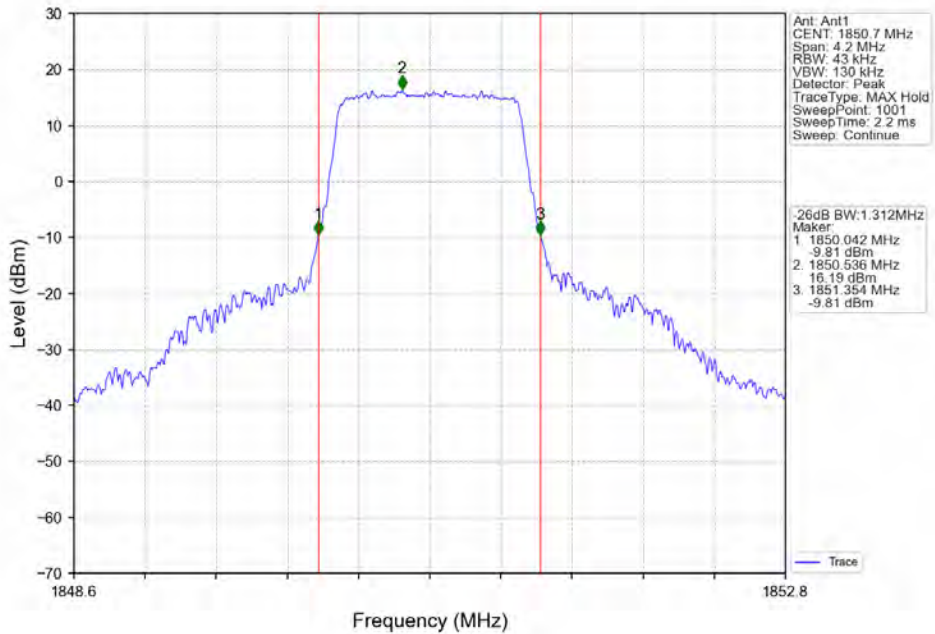
### 4.2.2 Band2\_XDB



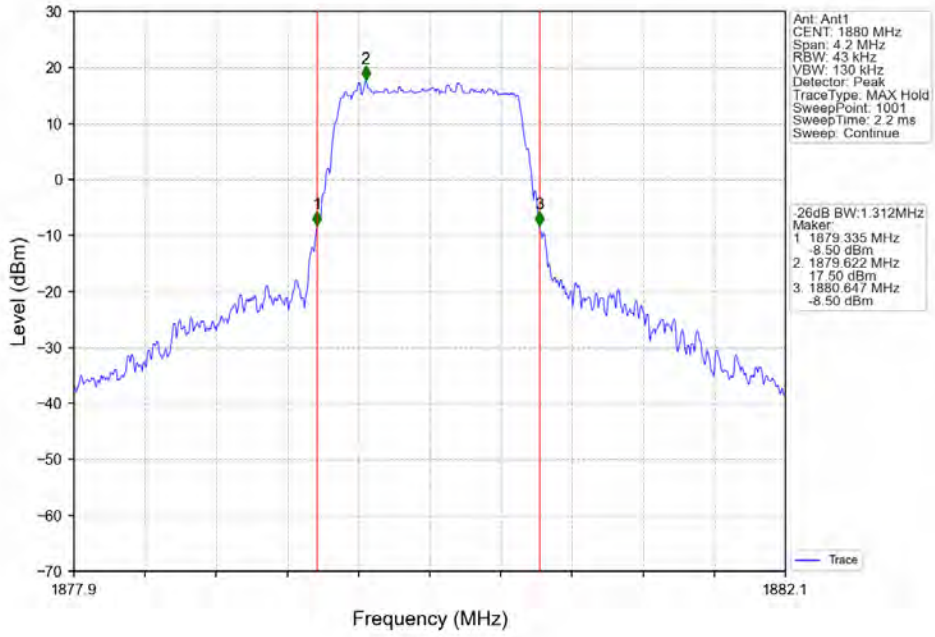
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



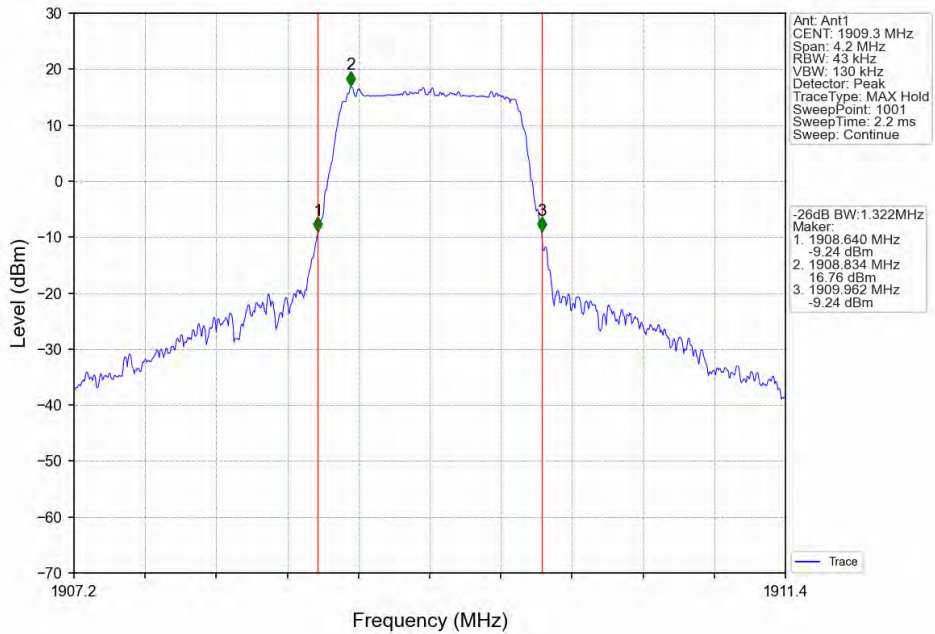
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



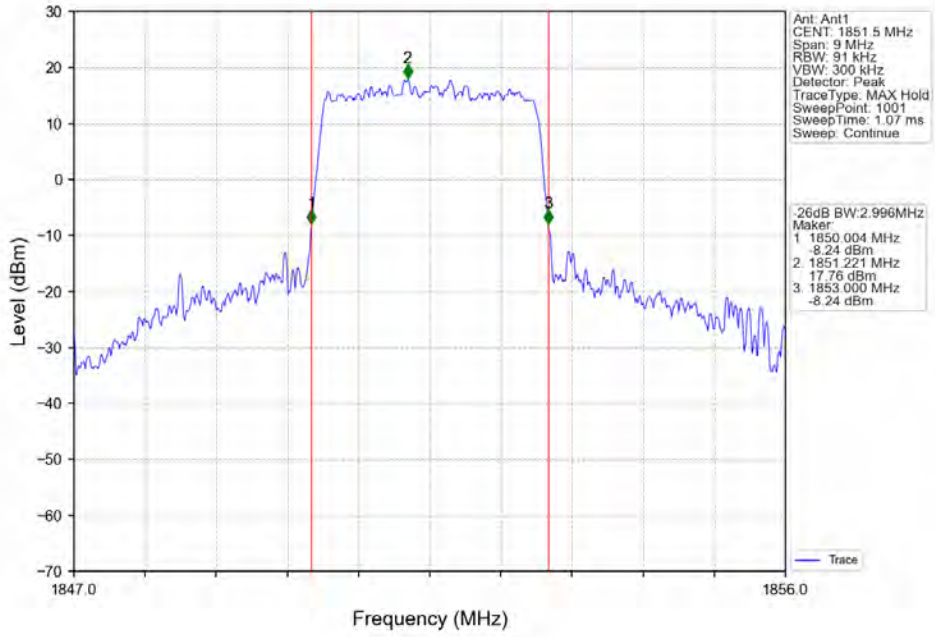
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



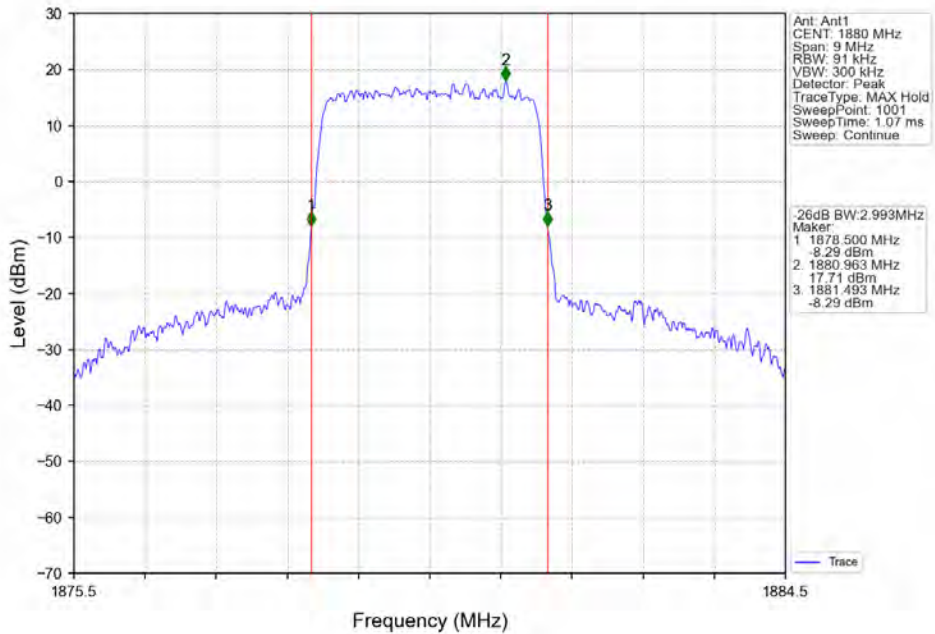
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

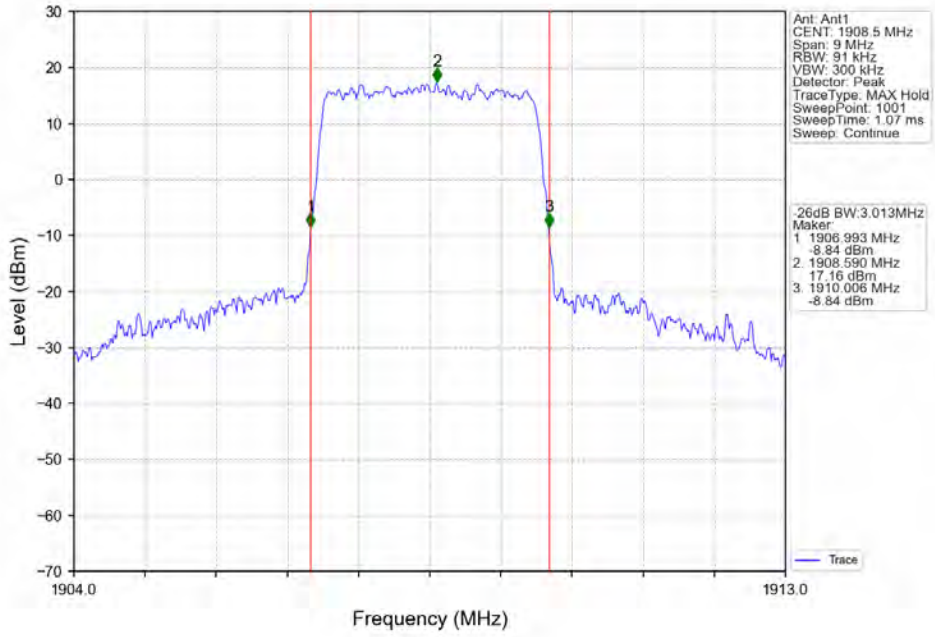


Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV

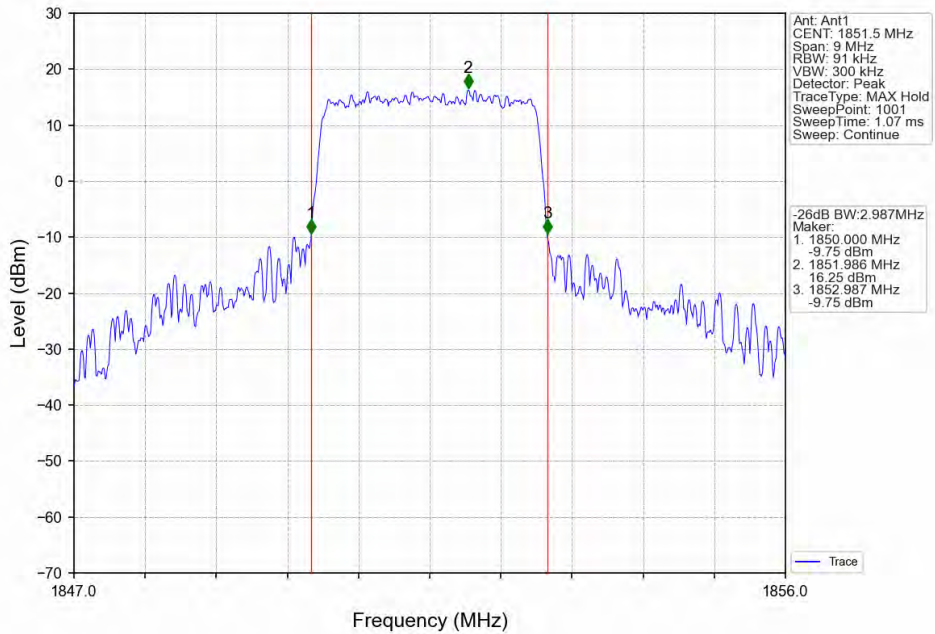




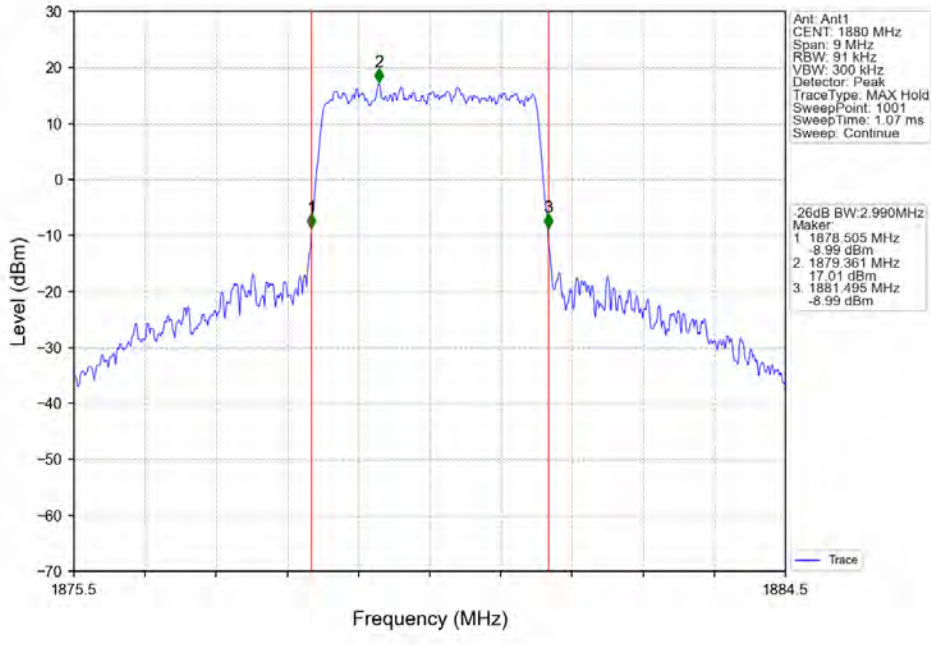
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



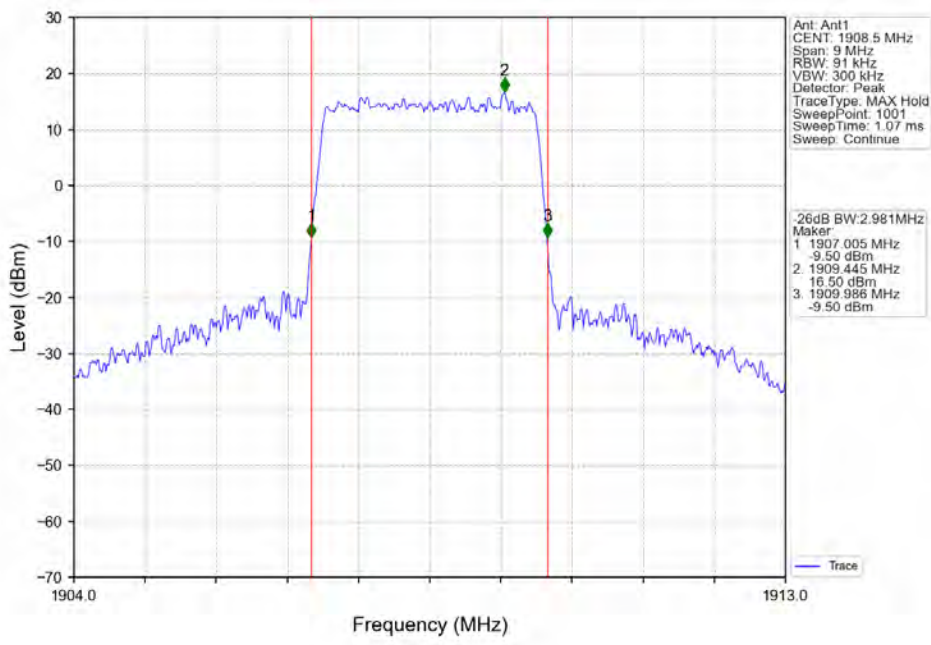
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



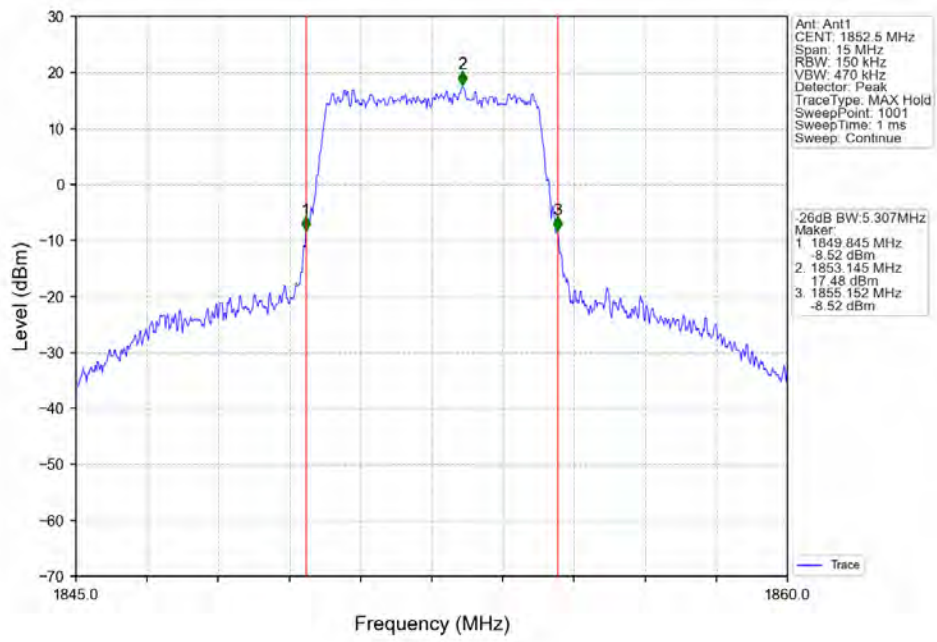
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



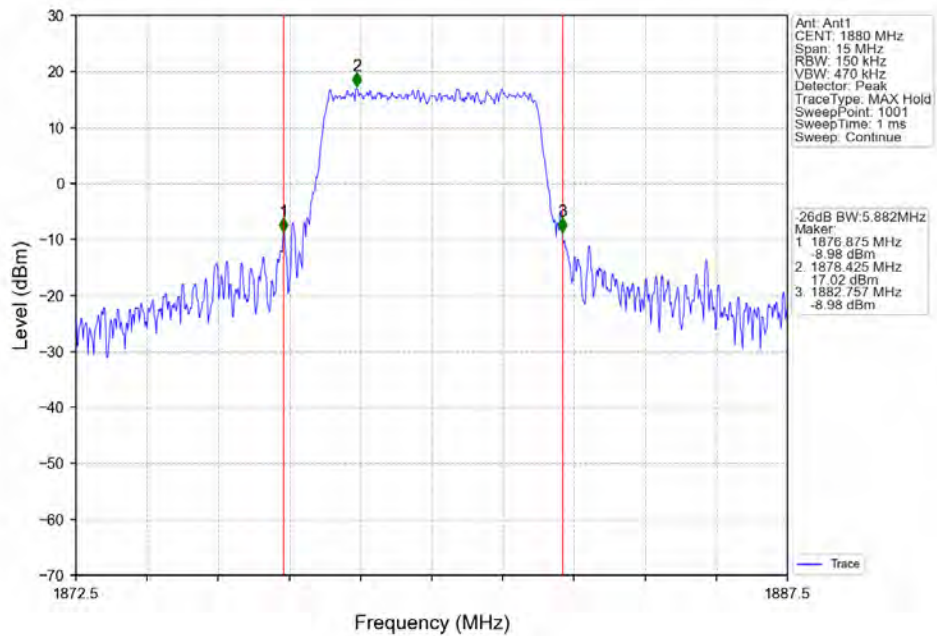
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

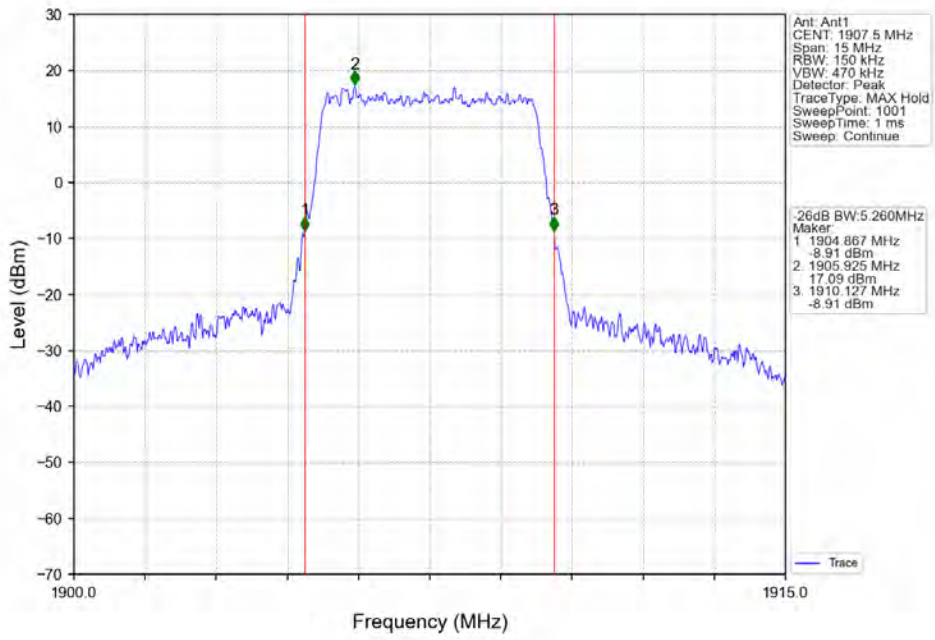


Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV

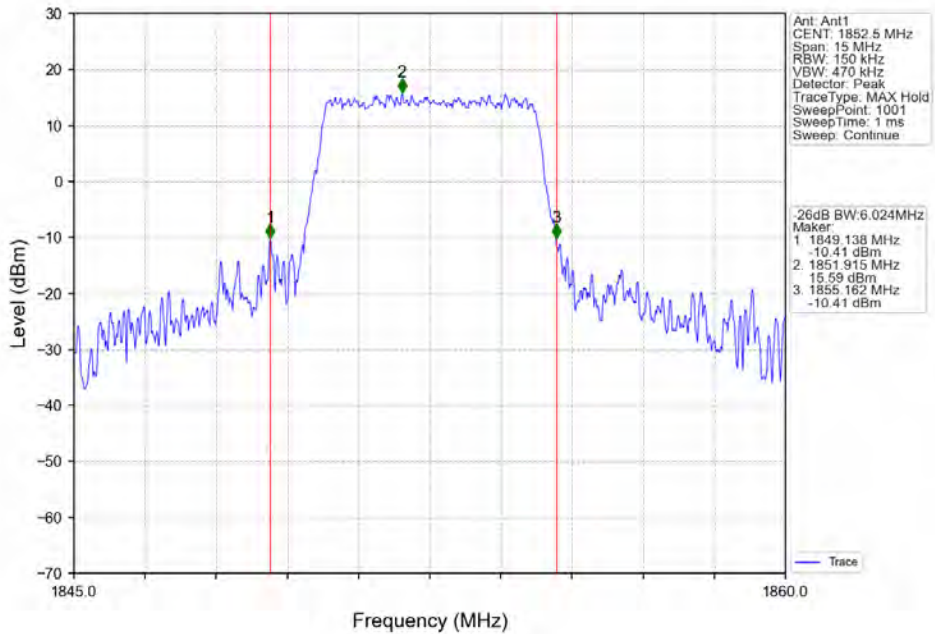




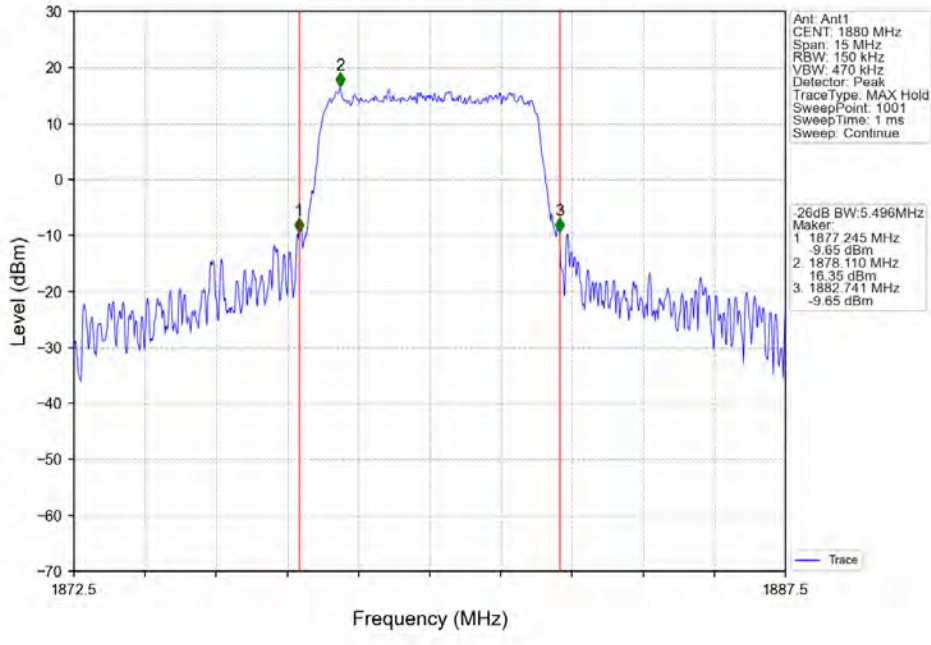
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



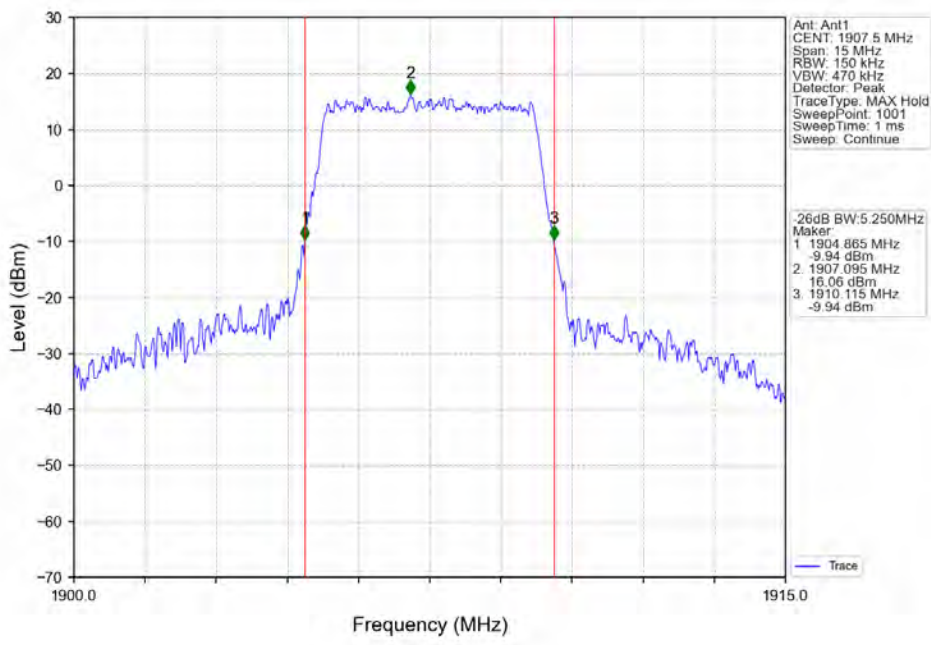
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



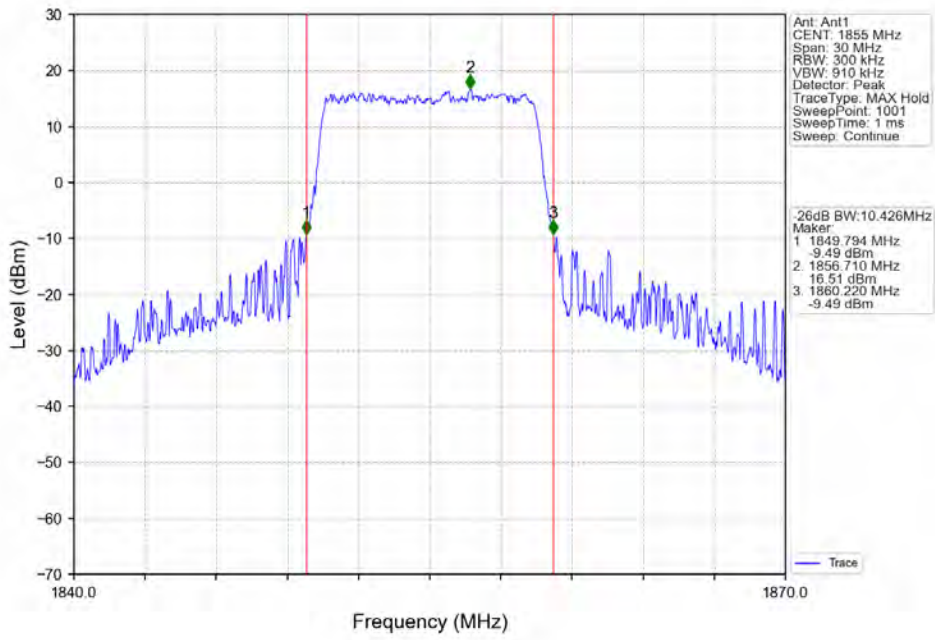
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



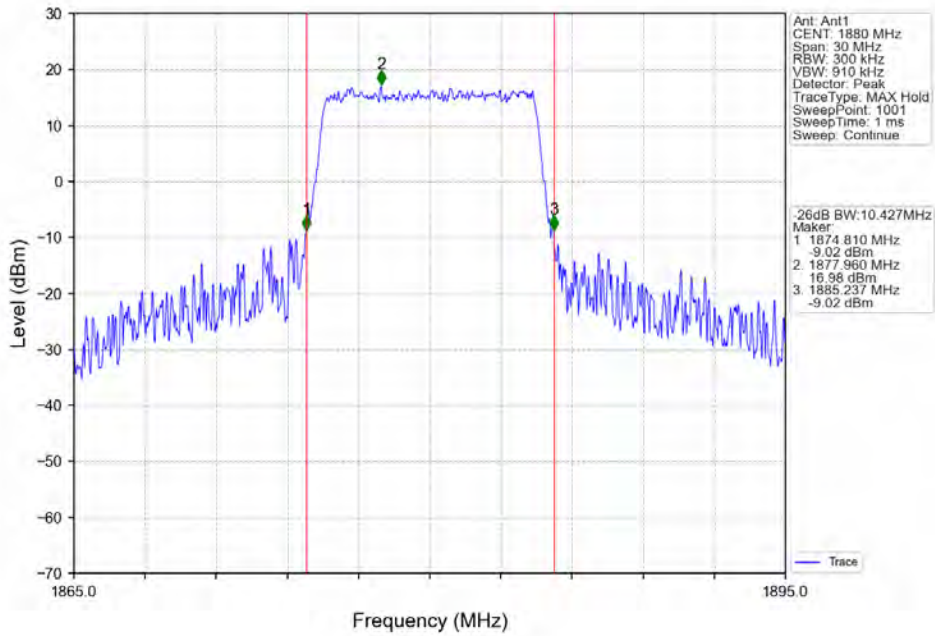
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



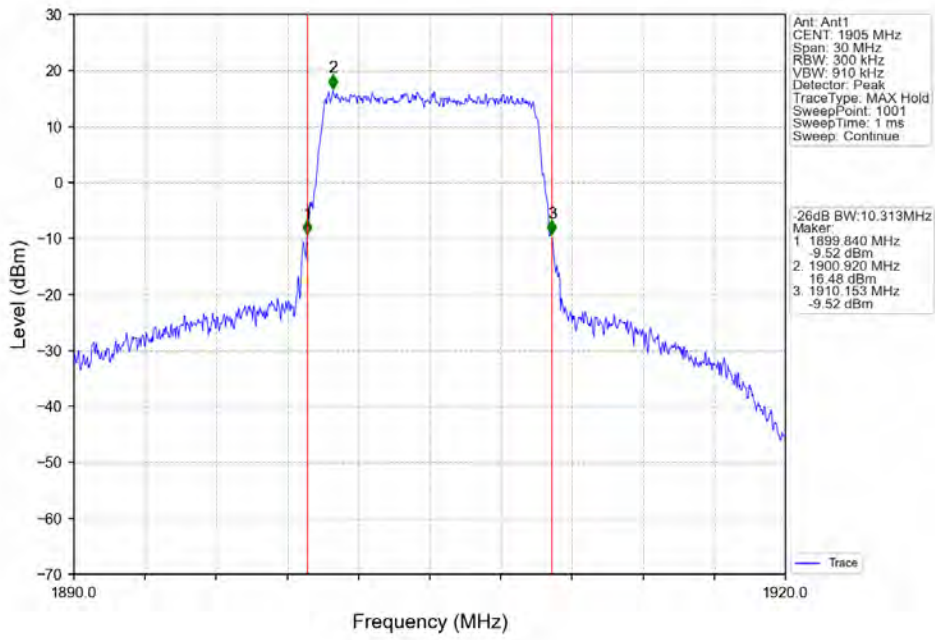
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



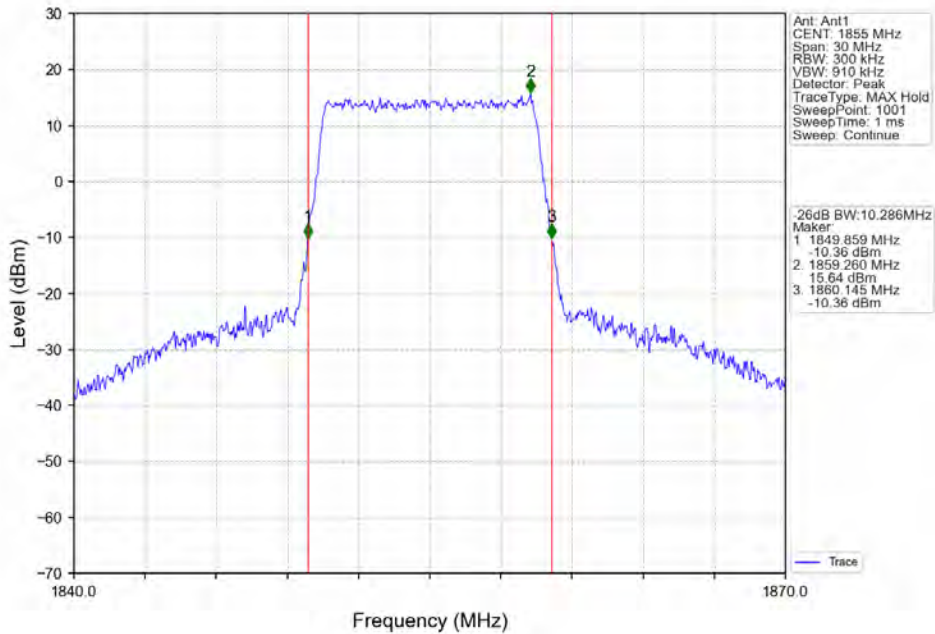
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



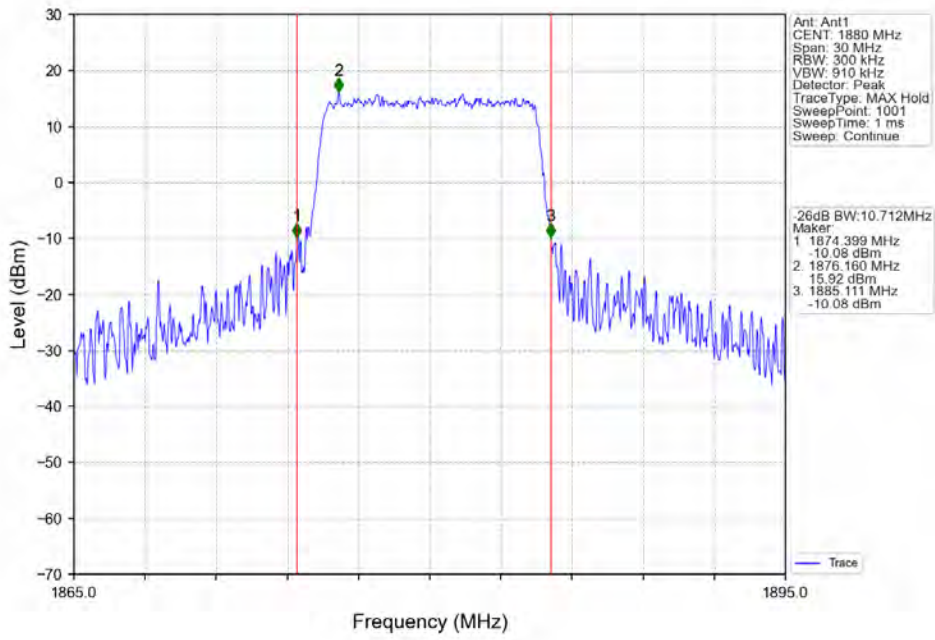
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



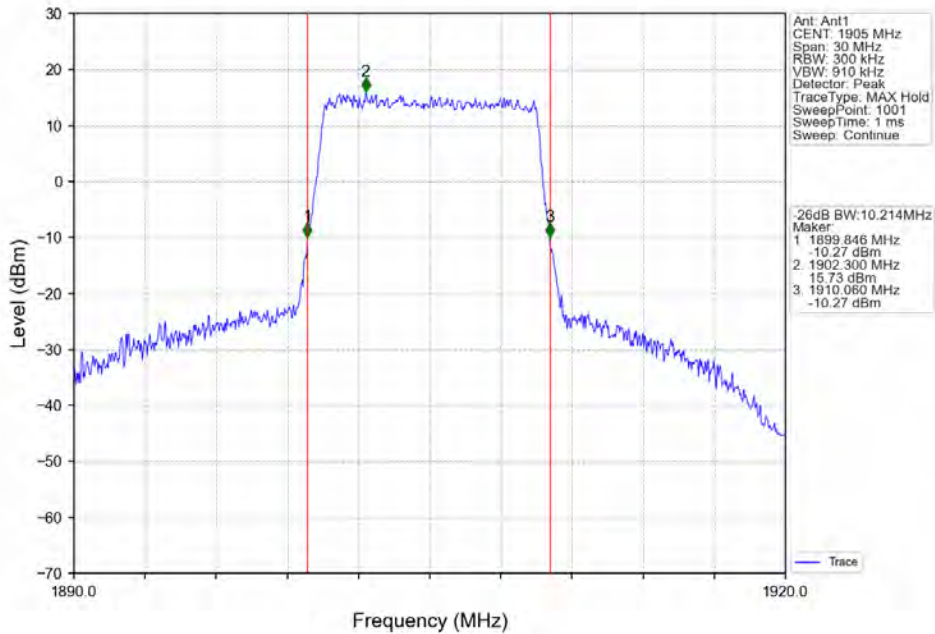
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV

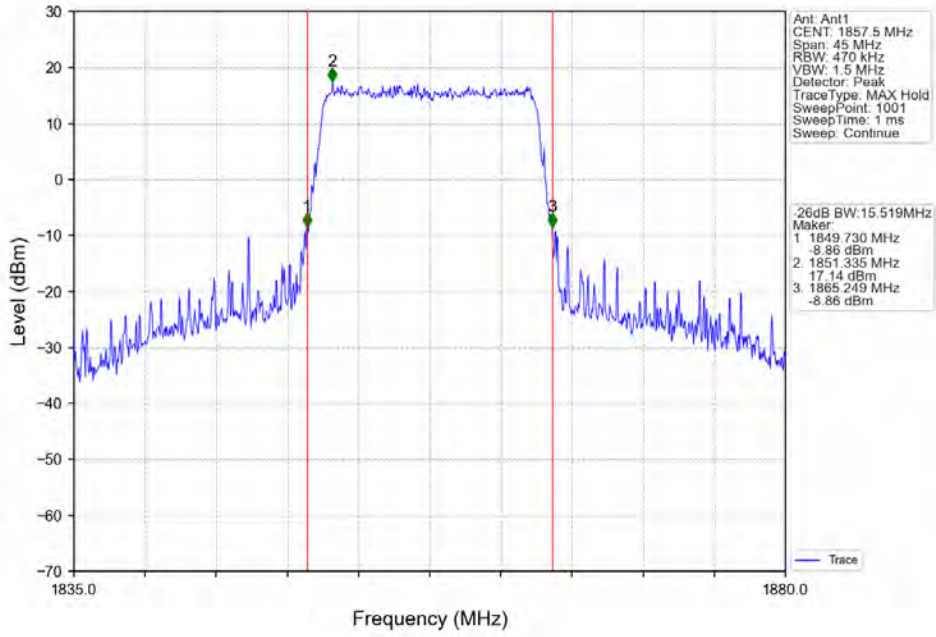


Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

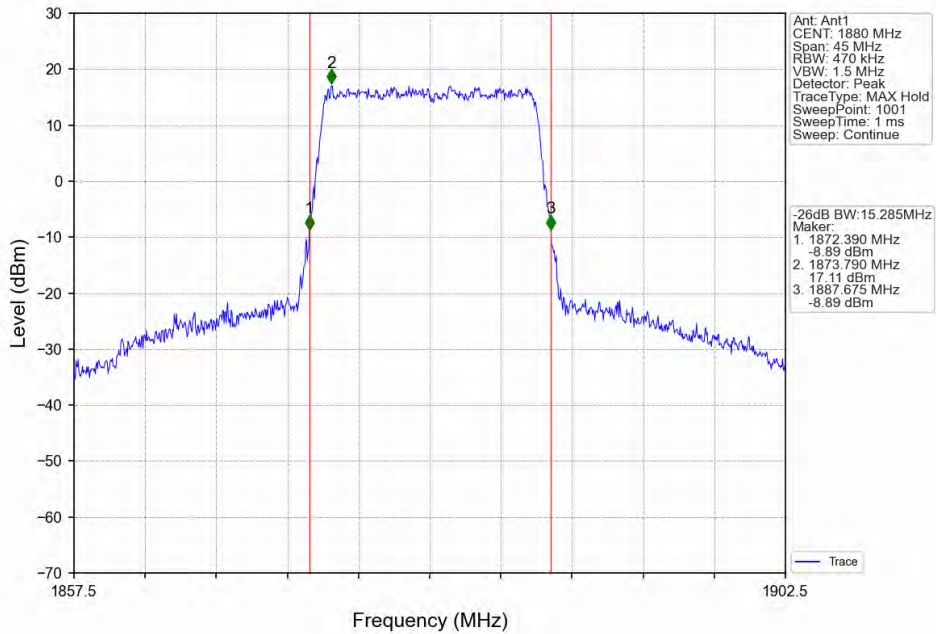




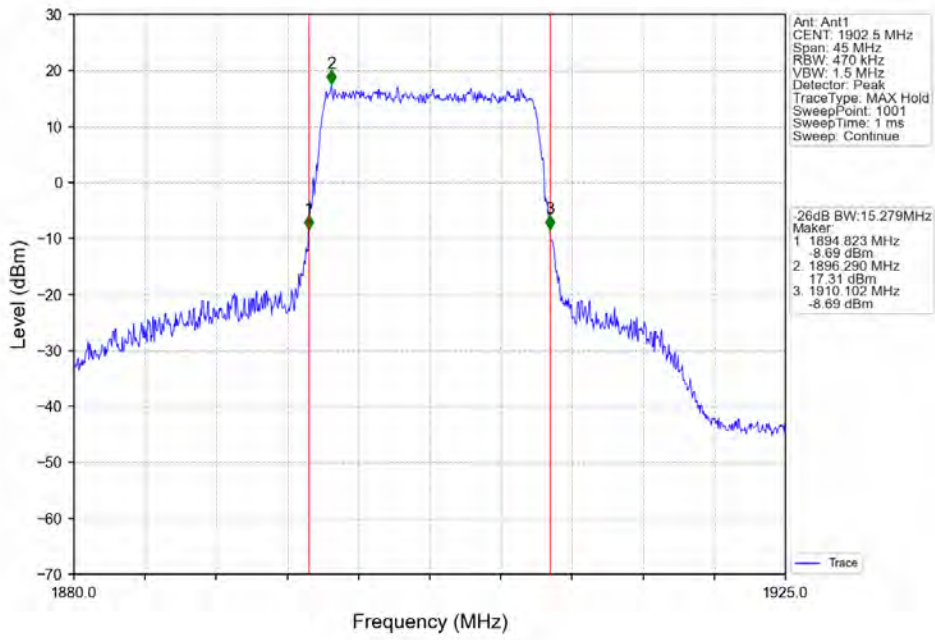
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



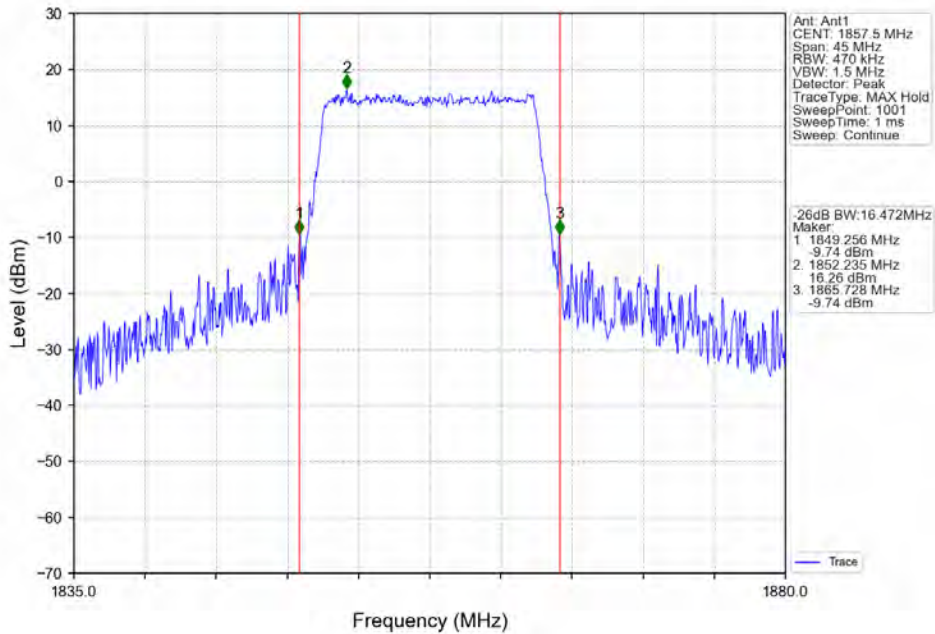
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



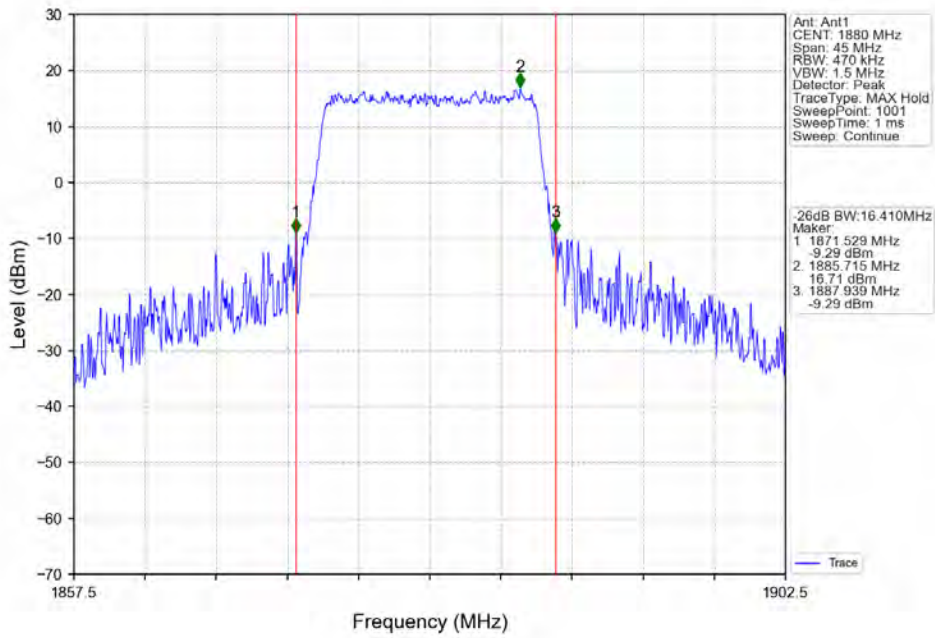
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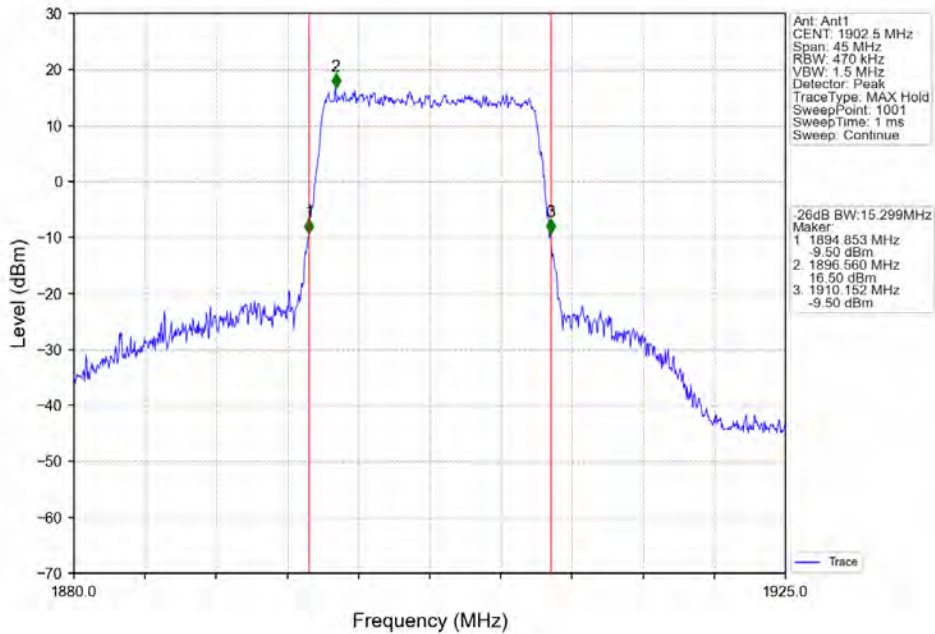
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV

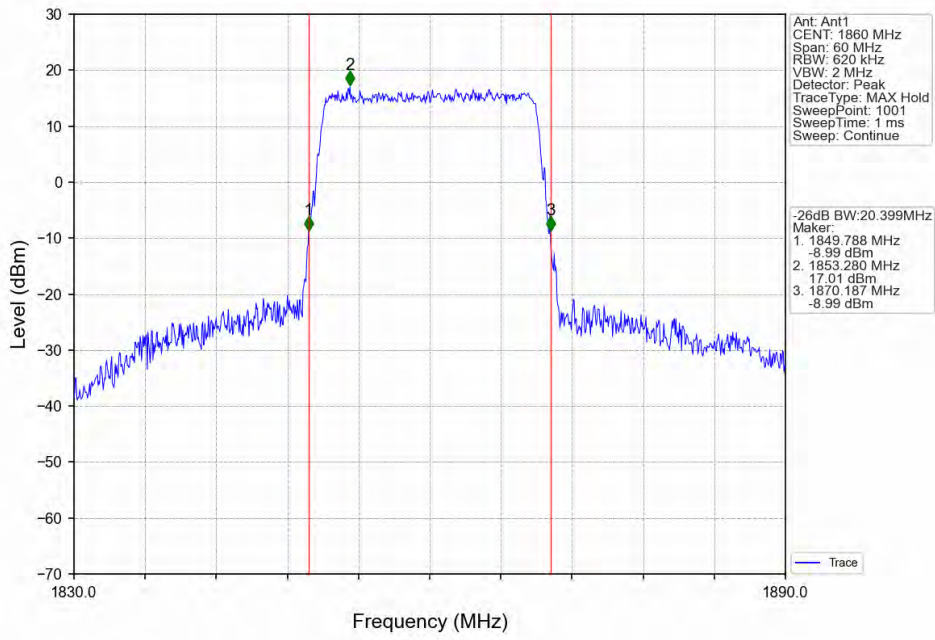


Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

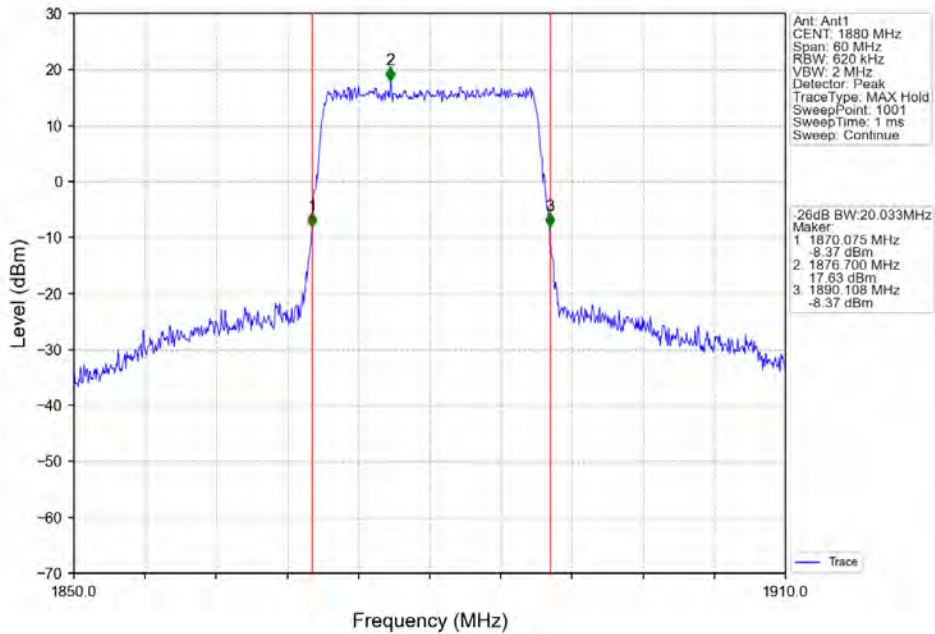




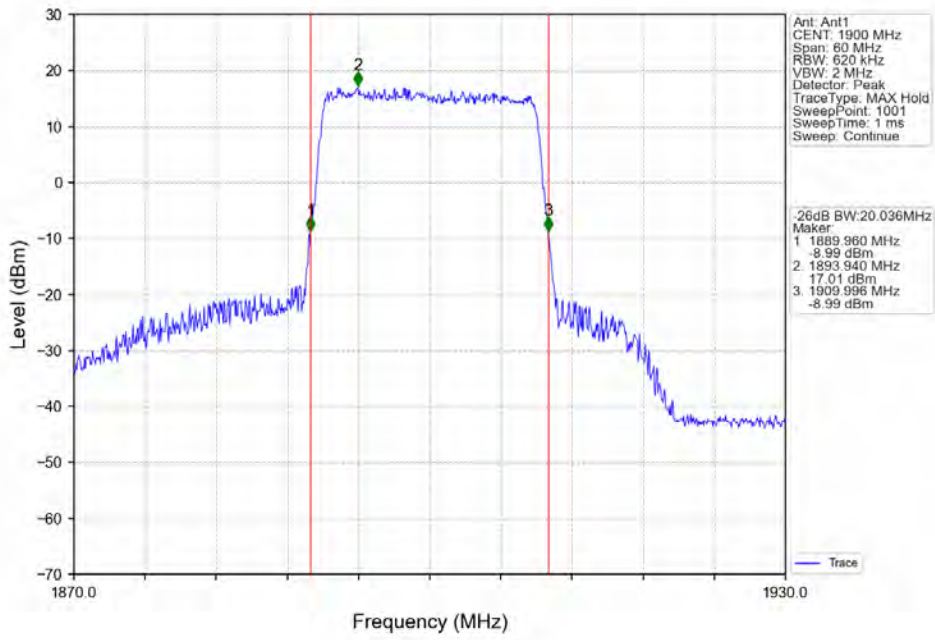
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



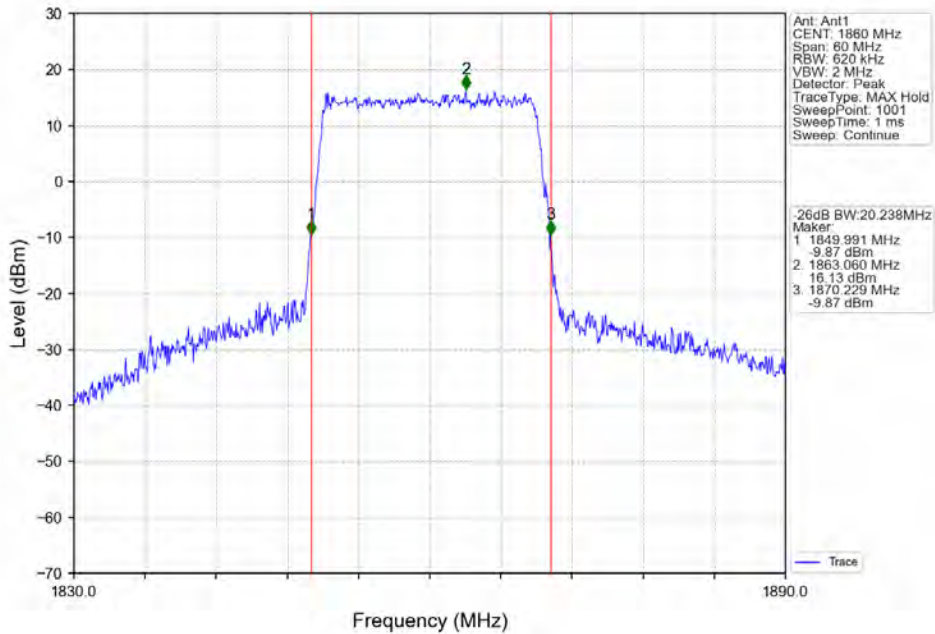
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



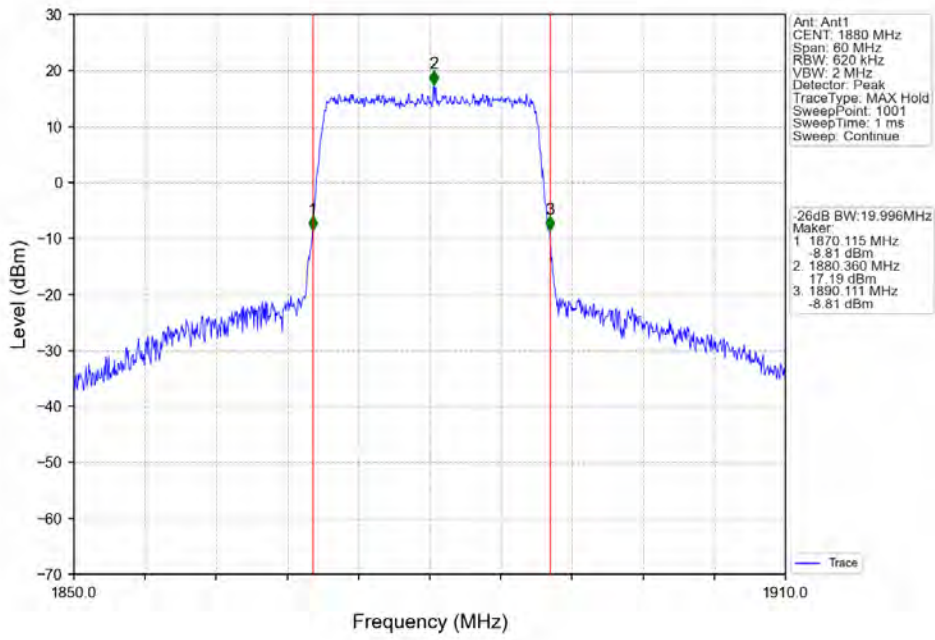
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



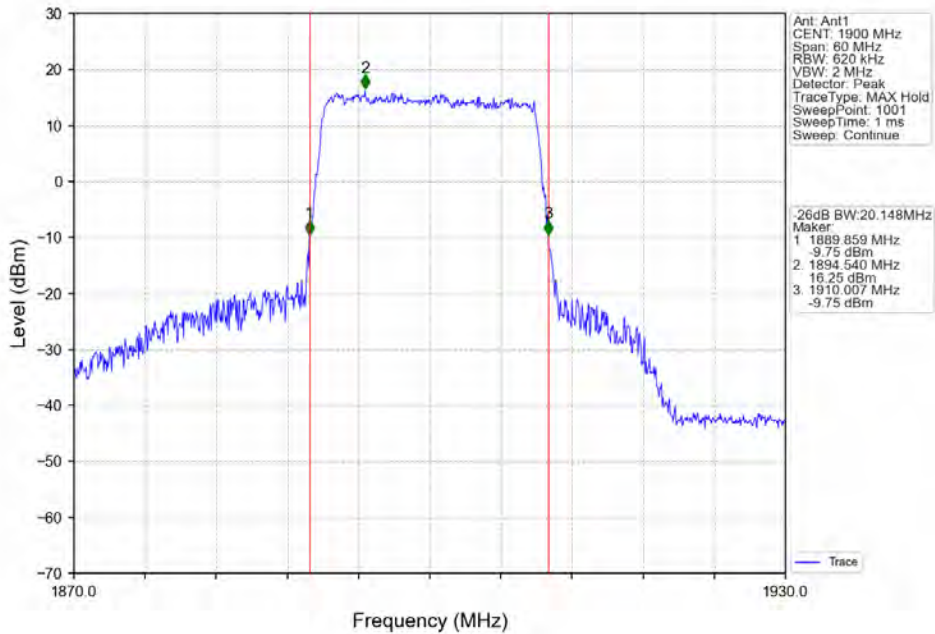
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B2\_1.4MHz

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	4.80	<=13	Pass
	1880	6	0	5.04	<=13	Pass
	1909.3	6	0	5.10	<=13	Pass
16QAM	1850.7	6	0	5.66	<=13	Pass
	1880	6	0	5.83	<=13	Pass
	1909.3	6	0	5.93	<=13	Pass

#### 5.1.2 B2\_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	4.91	<=13	Pass
	1880	15	0	5.10	<=13	Pass
	1908.5	15	0	5.23	<=13	Pass
16QAM	1851.5	15	0	5.74	<=13	Pass
	1880	15	0	5.96	<=13	Pass
	1908.5	15	0	6.05	<=13	Pass

#### 5.1.3 B2\_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.31	<=13	Pass
	1880	25	0	5.46	<=13	Pass
	1907.5	25	0	5.45	<=13	Pass
16QAM	1852.5	25	0	6.02	<=13	Pass
	1880	25	0	6.14	<=13	Pass
	1907.5	25	0	6.12	<=13	Pass

#### 5.1.4 B2\_10MHz

Band: 2 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.41	<=13	Pass
	1880	50	0	5.45	<=13	Pass
	1905	50	0	5.45	<=13	Pass
16QAM	1855	50	0	6.16	<=13	Pass
	1880	50	0	6.20	<=13	Pass

	1905	50	0	6.16	<=13	Pass
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### 5.1.5 B2\_15MHz

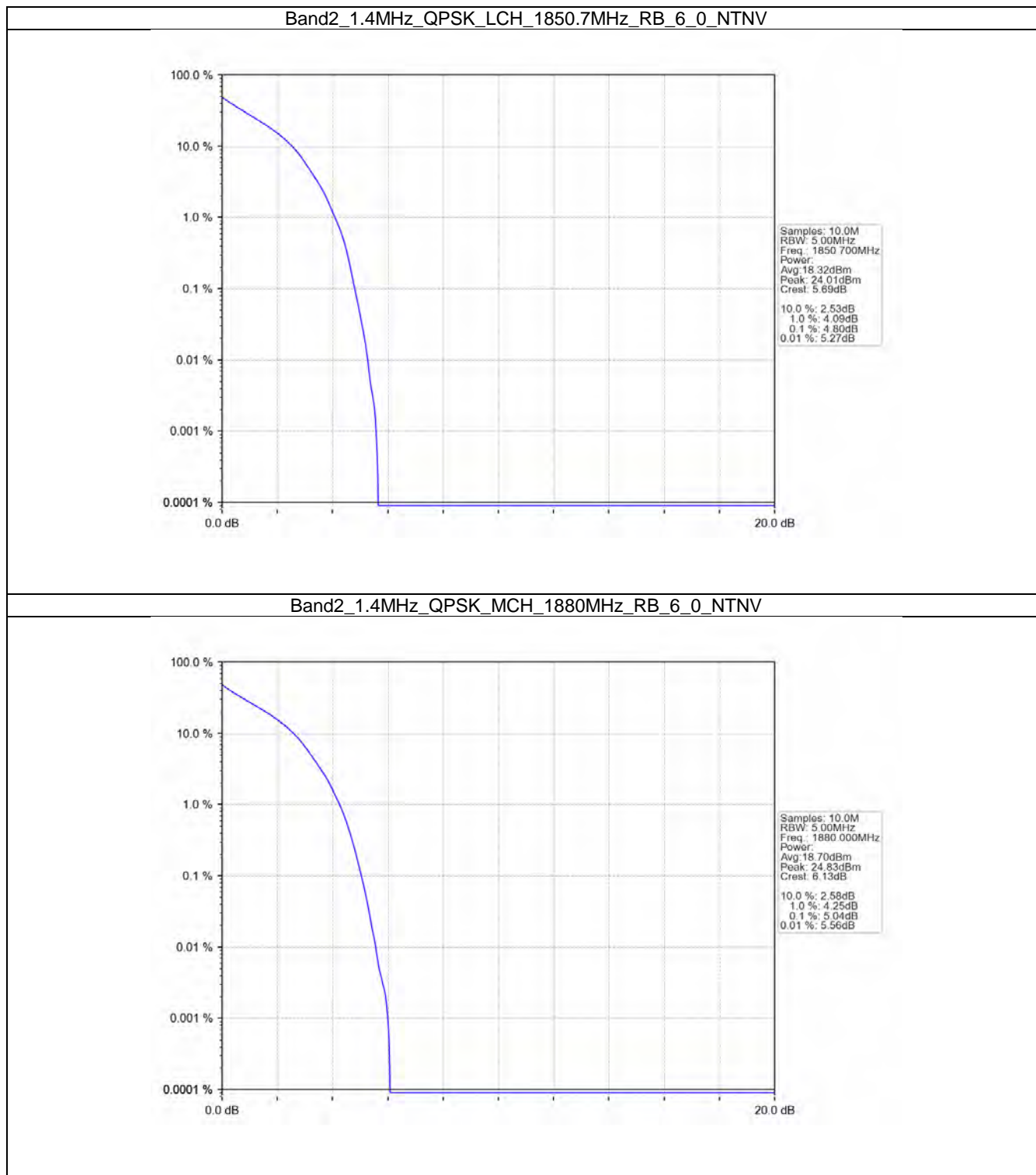
Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	4.84	<=13	Pass
	1880	75	0	4.85	<=13	Pass
	1902.5	75	0	4.86	<=13	Pass
16QAM	1857.5	75	0	6.17	<=13	Pass
	1880	75	0	6.10	<=13	Pass
	1902.5	75	0	6.14	<=13	Pass

### 5.1.6 B2\_20MHz

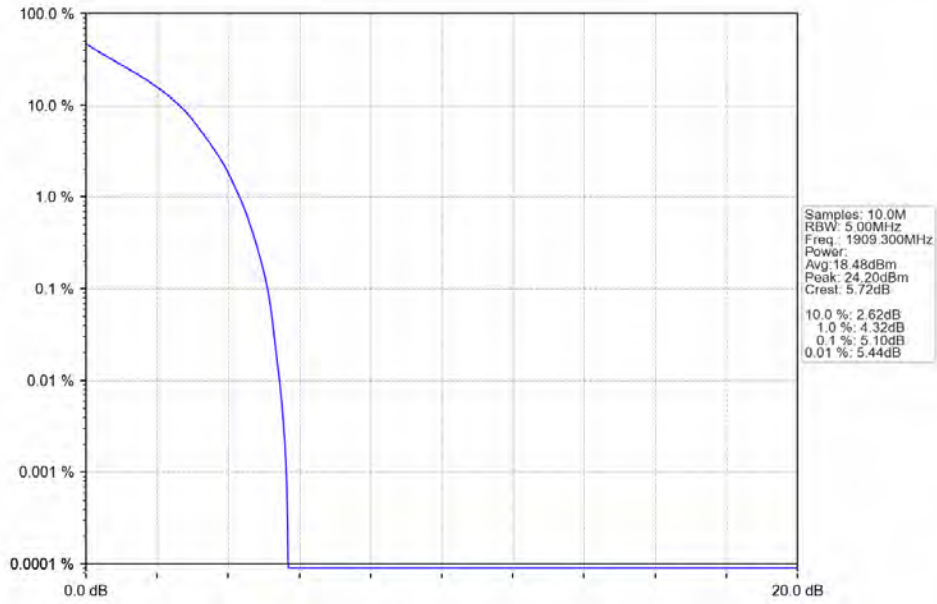
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.65	<=13	Pass
	1880	100	0	5.64	<=13	Pass
	1900	100	0	5.61	<=13	Pass
16QAM	1860	100	0	6.70	<=13	Pass
	1880	100	0	6.71	<=13	Pass
	1900	100	0	6.70	<=13	Pass

## 5.2 Test Graph

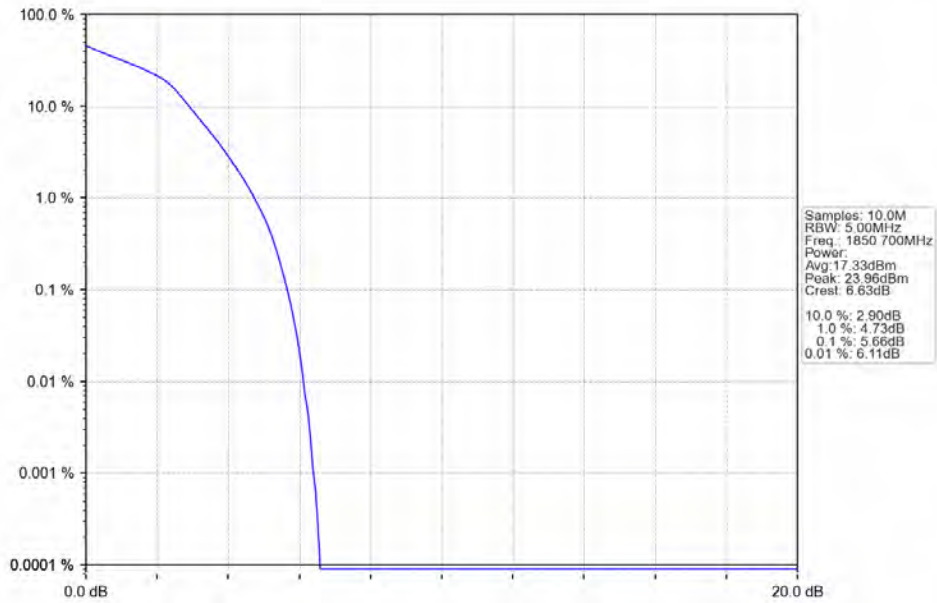
### 5.2.1 B2\_1.4MHz



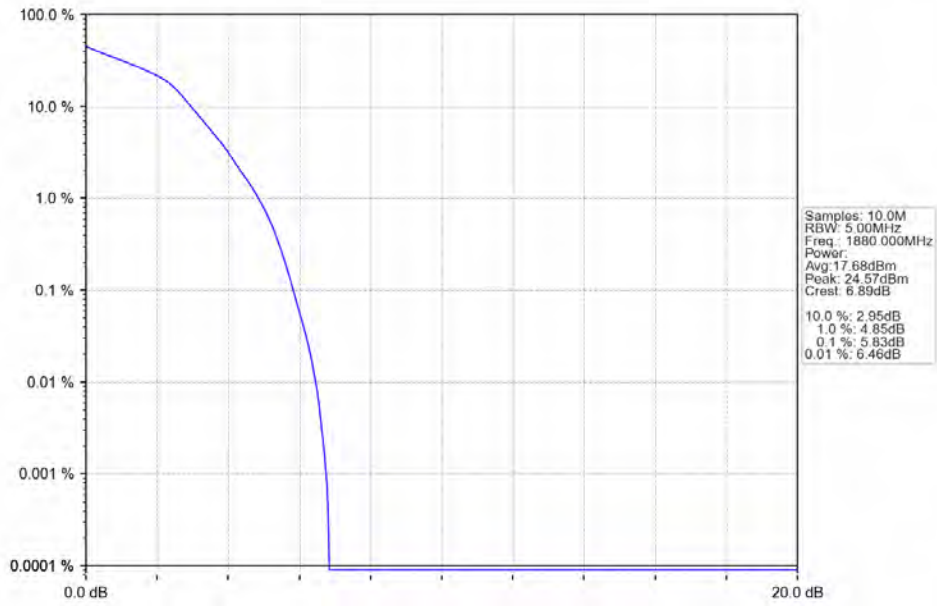
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



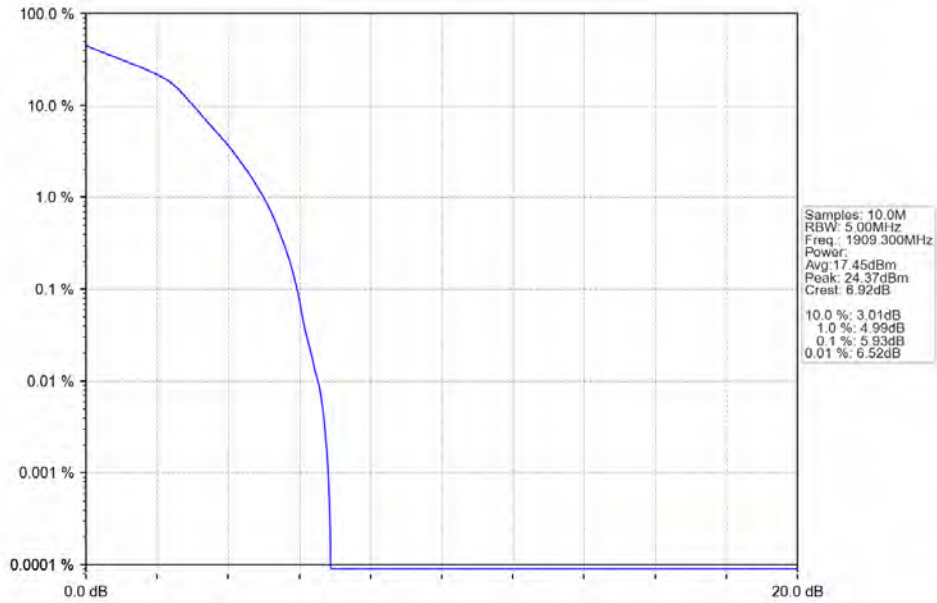
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV

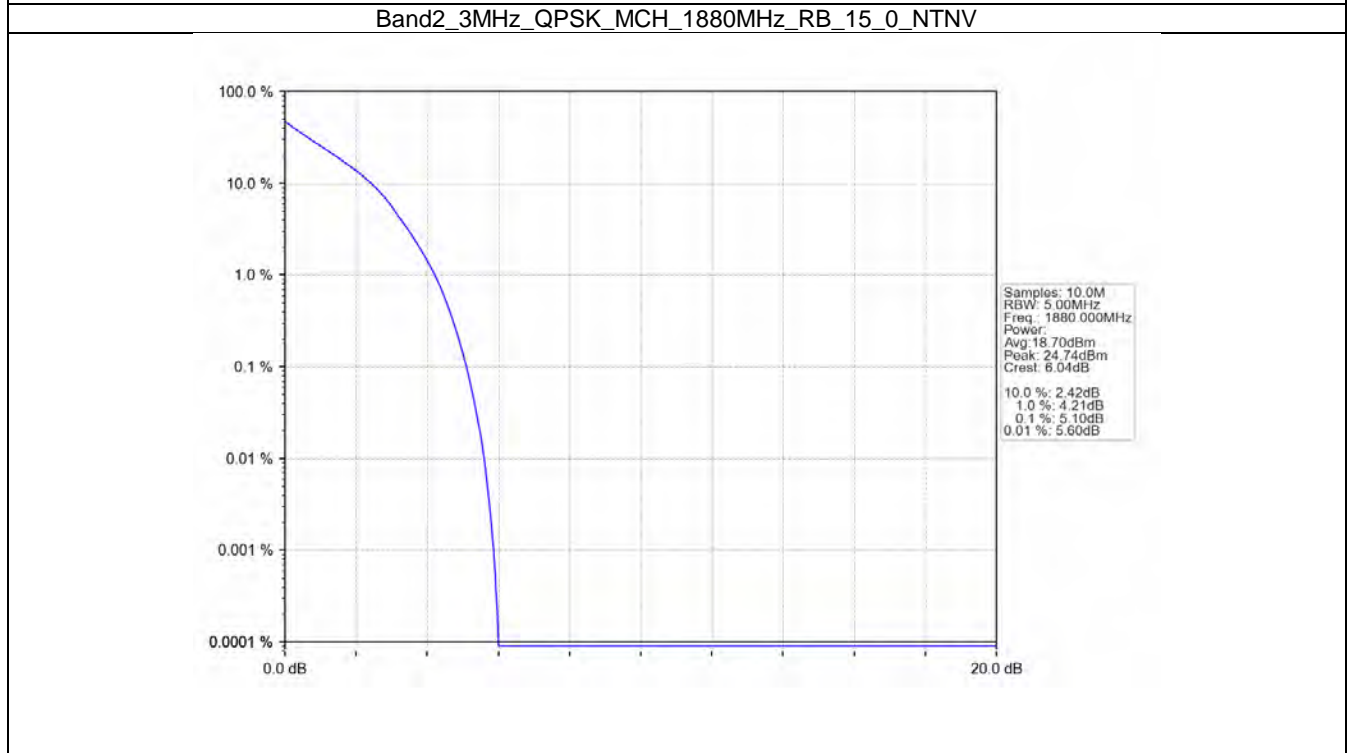
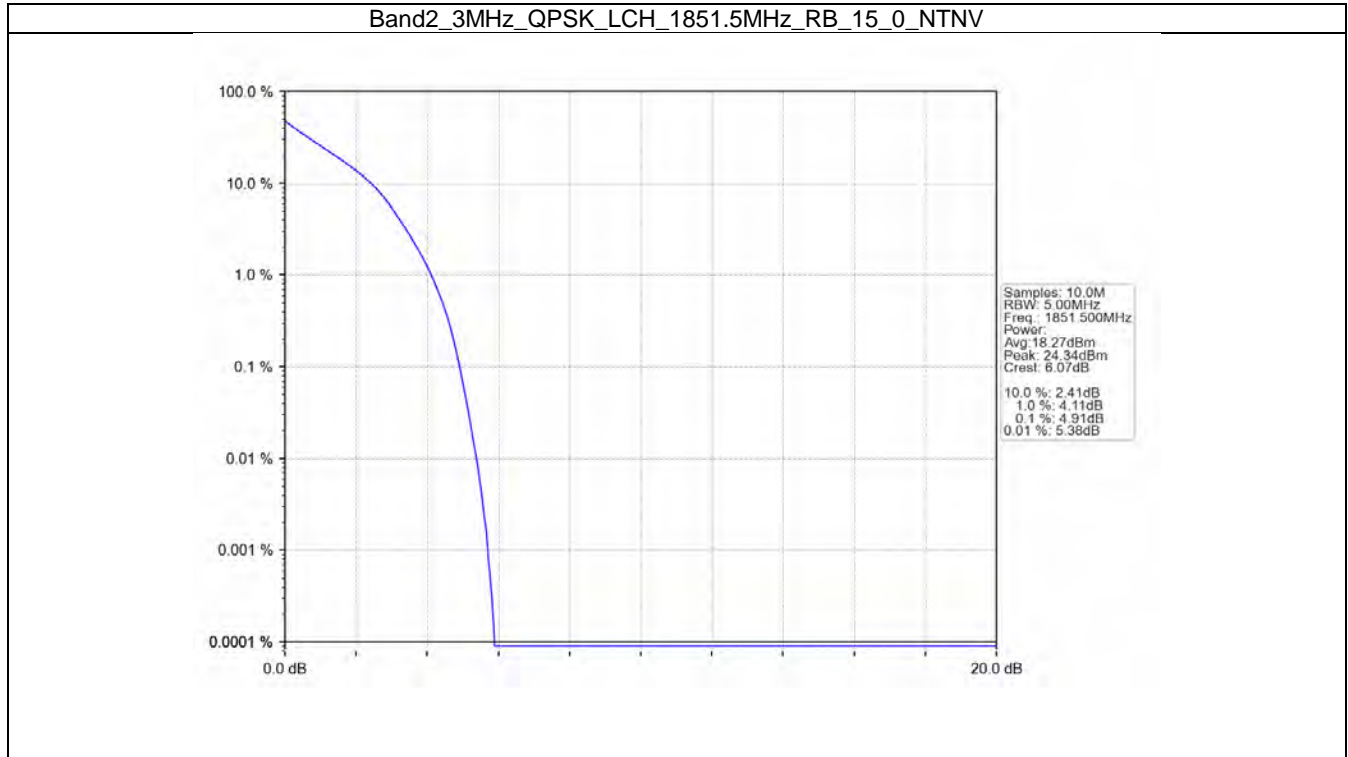


Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

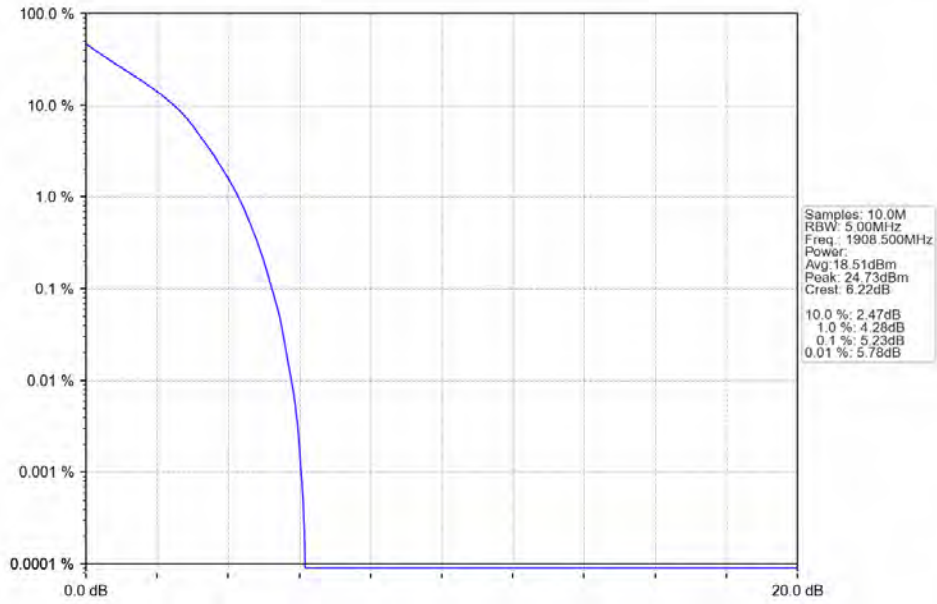




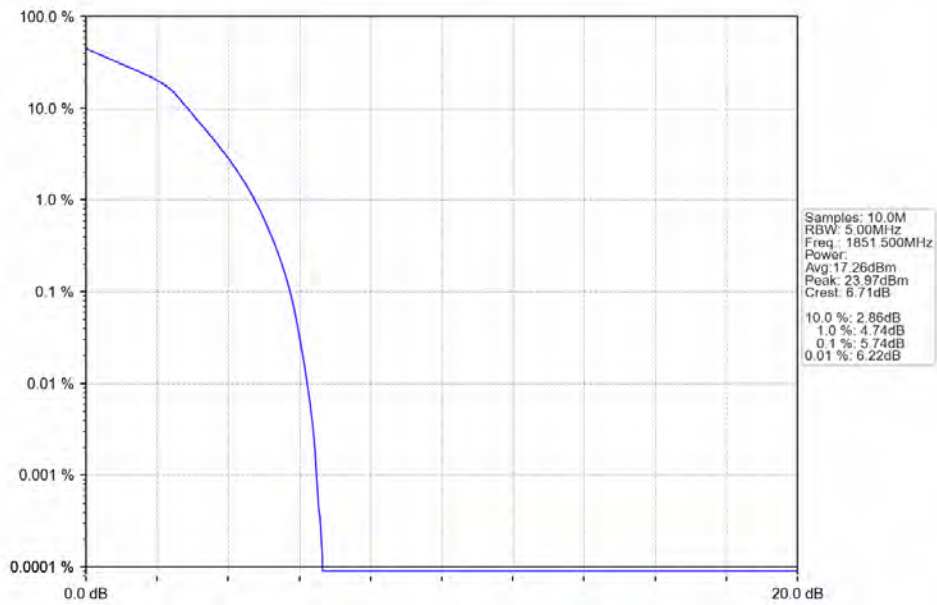
### 5.2.2 B2\_3MHz



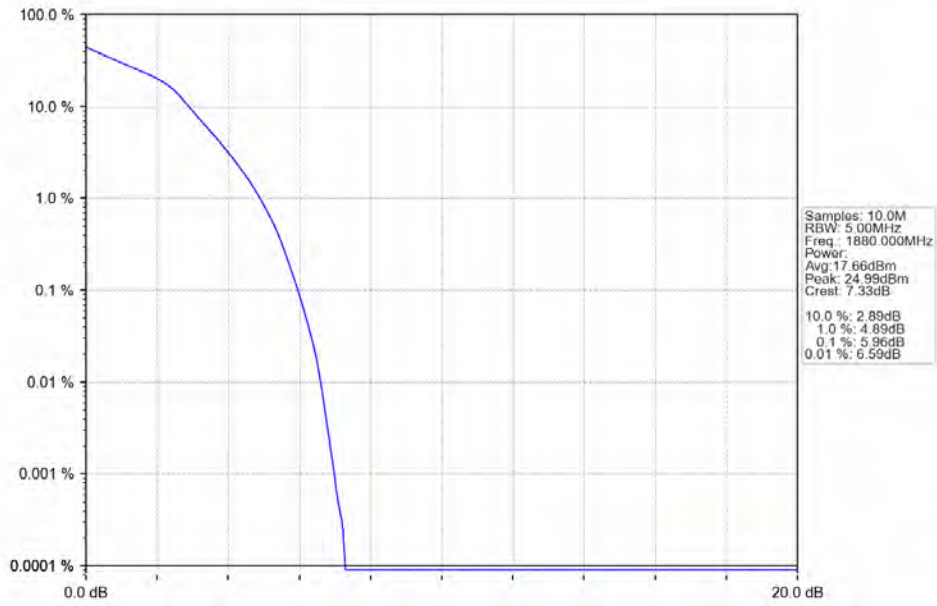
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



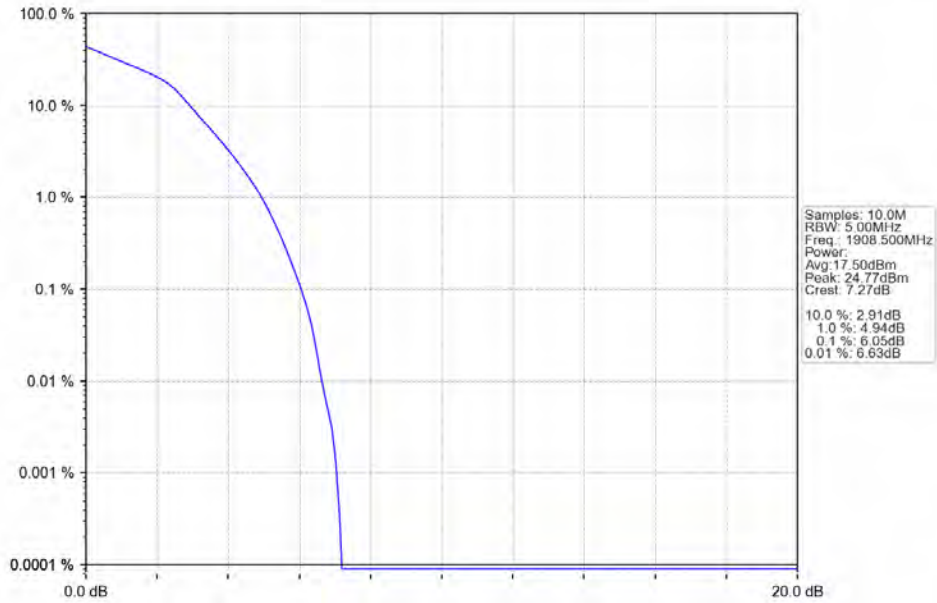
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



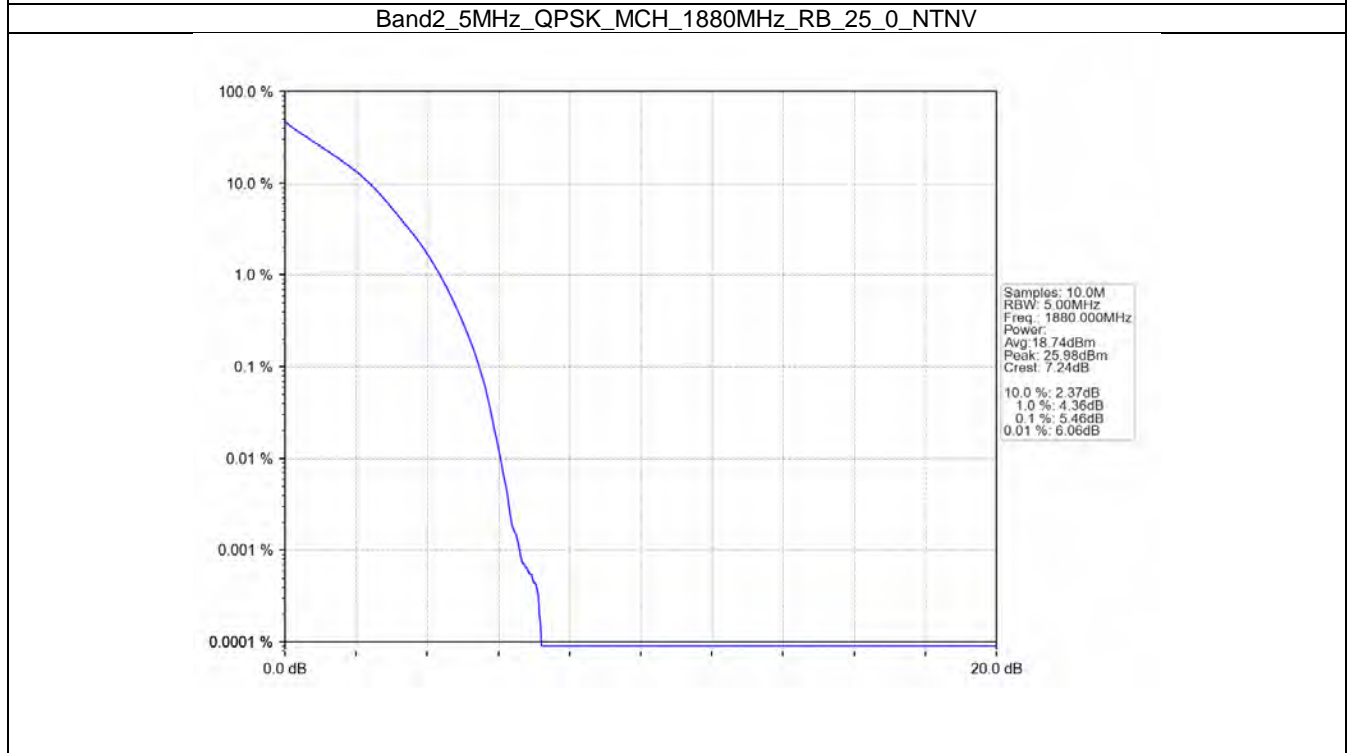
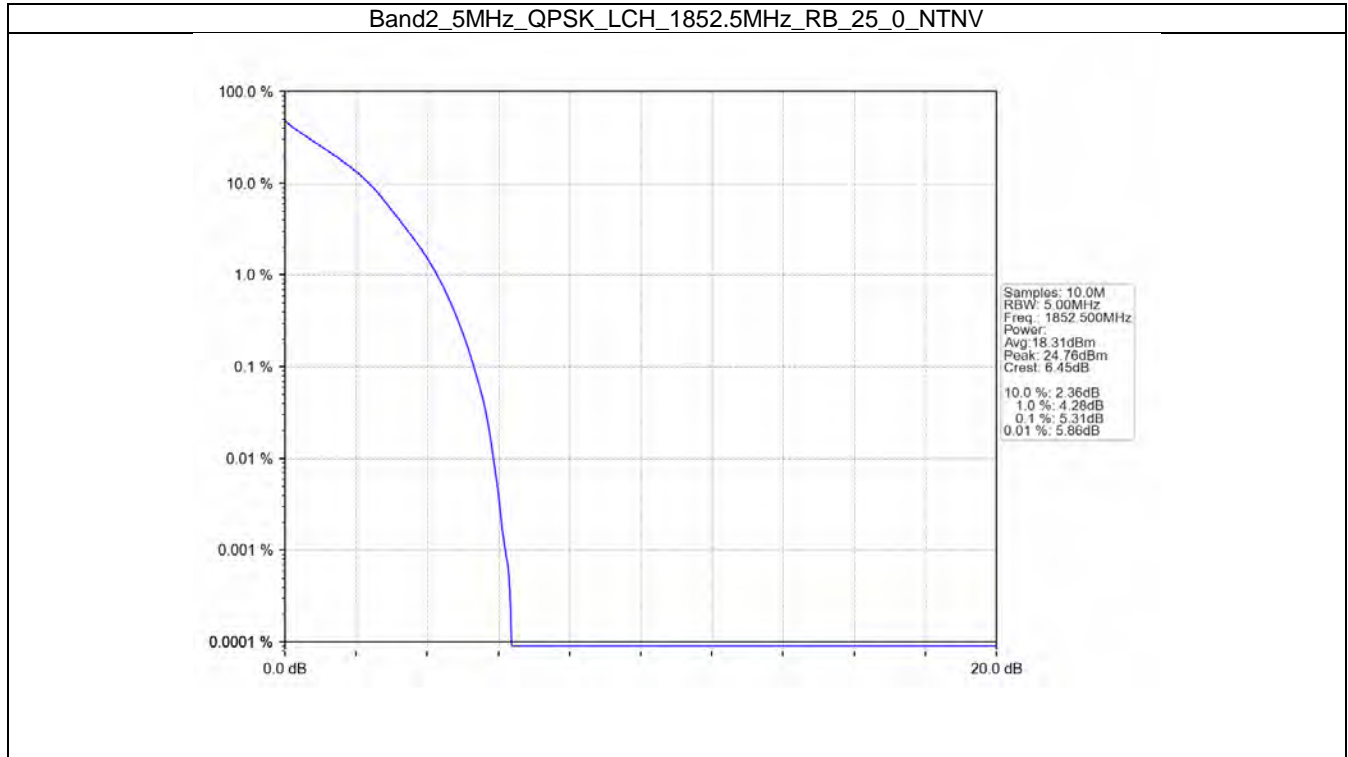
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



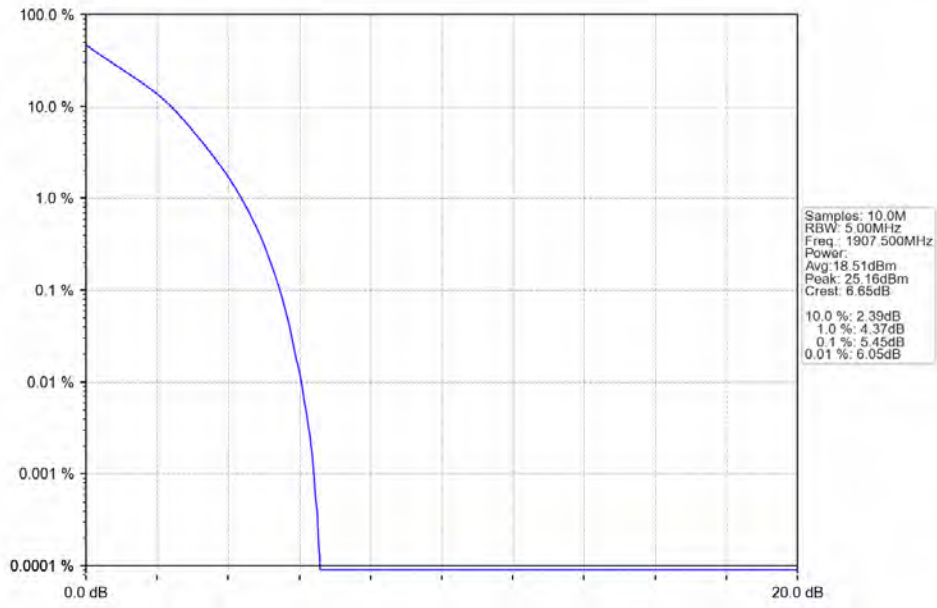
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



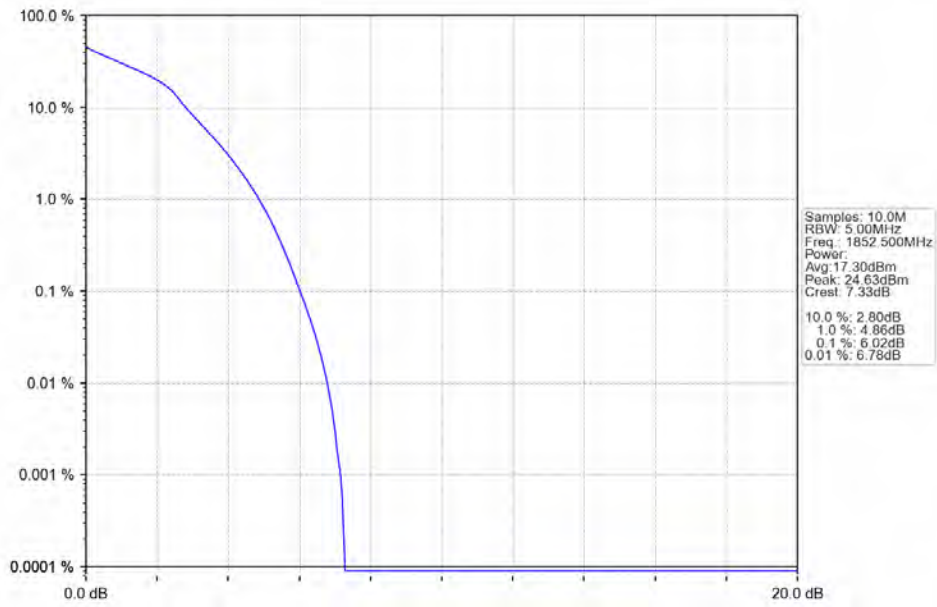
### 5.2.3 B2\_5MHz



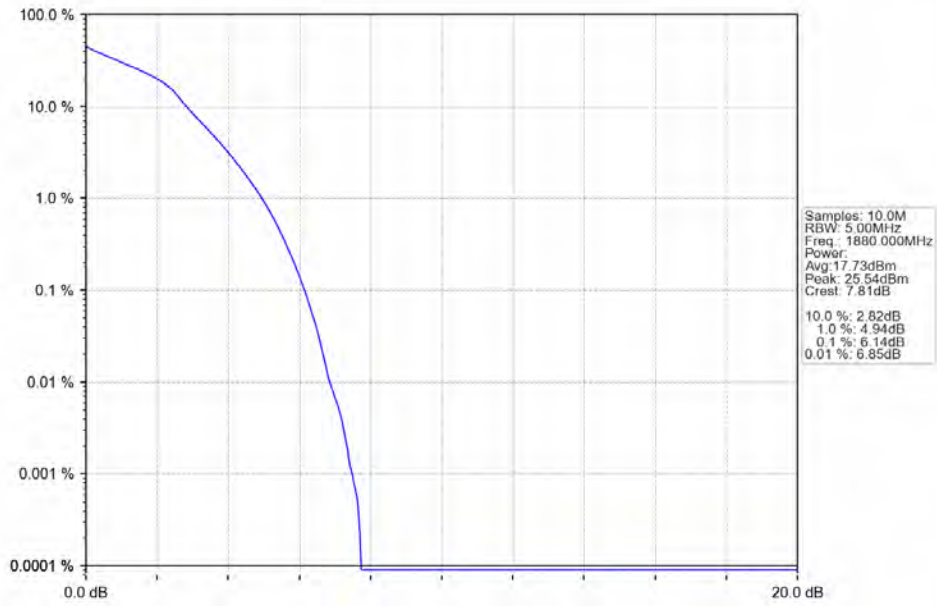
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



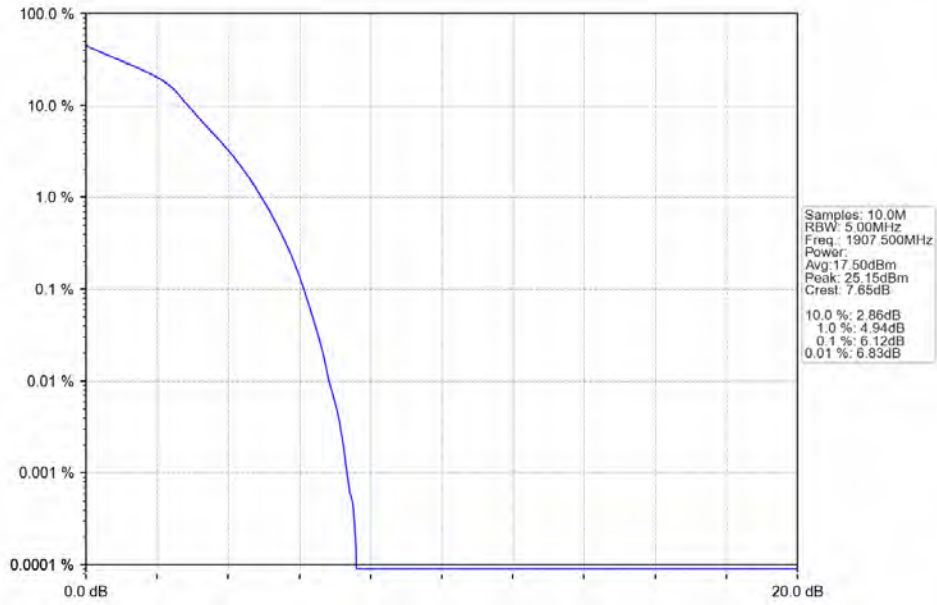
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



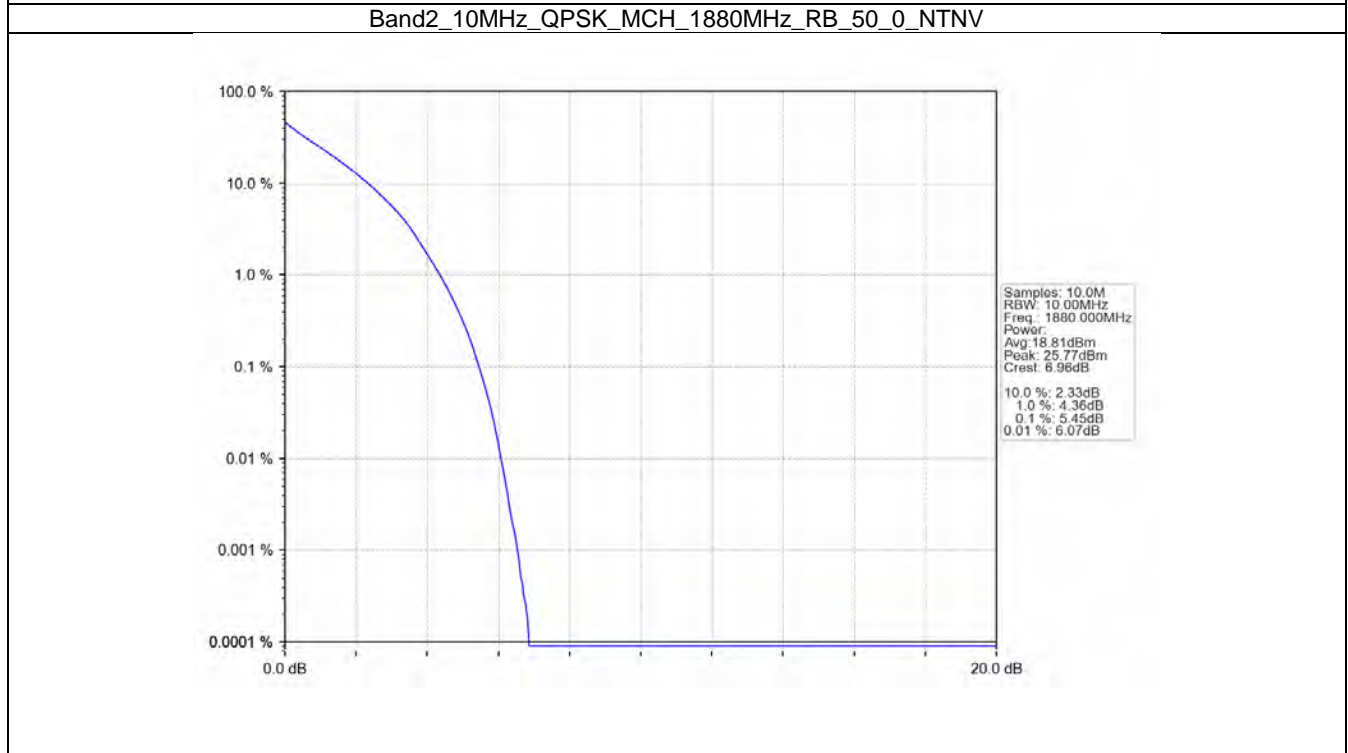
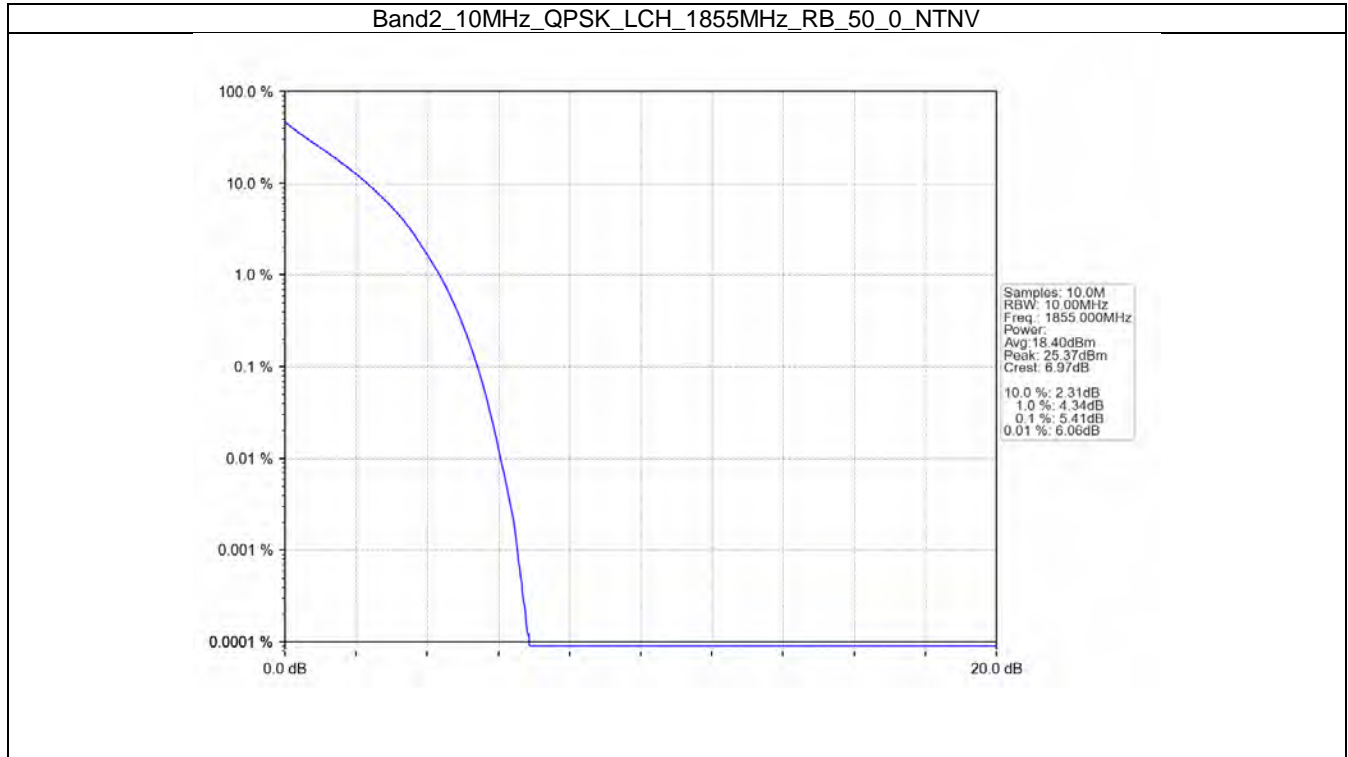
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV

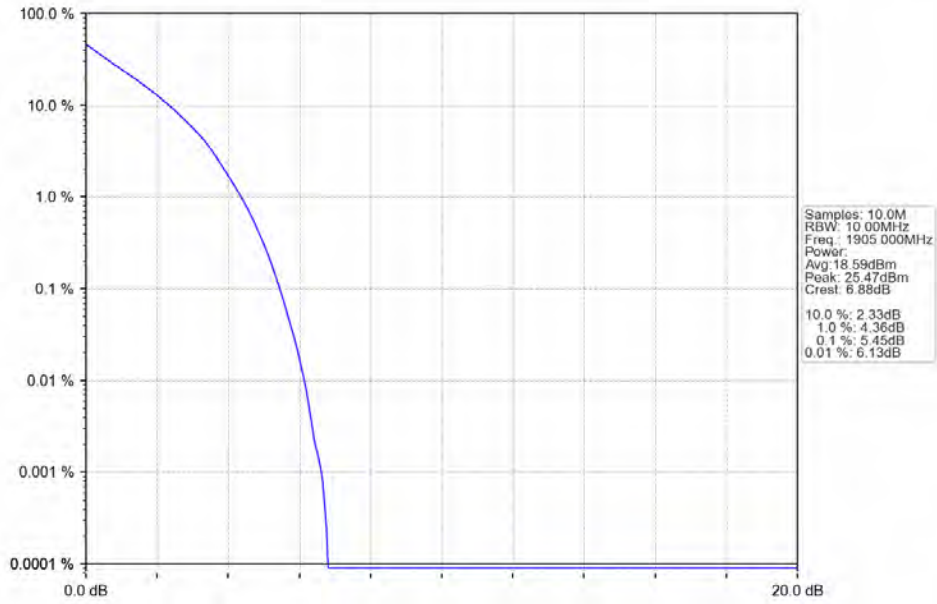


### 5.2.4 B2\_10MHz

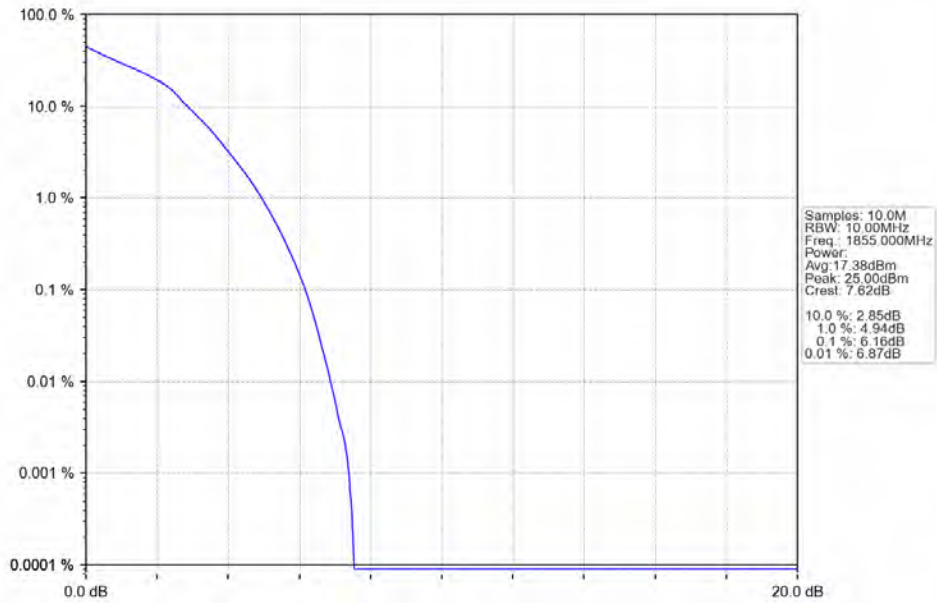




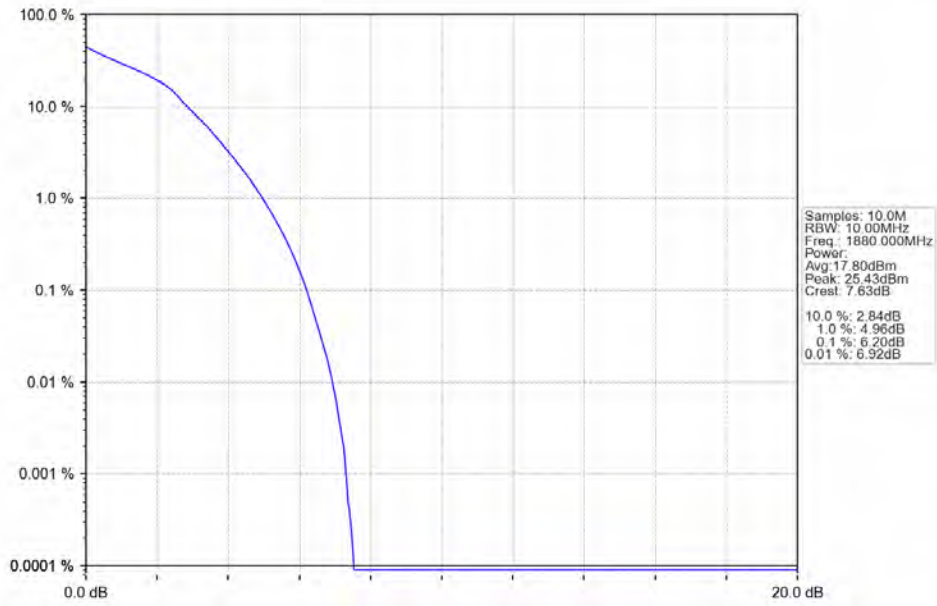
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



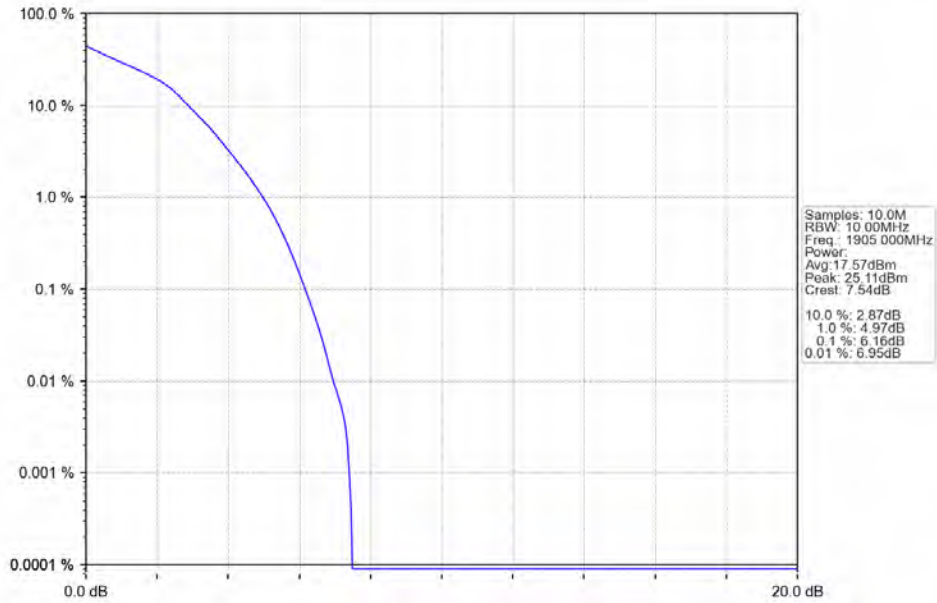
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



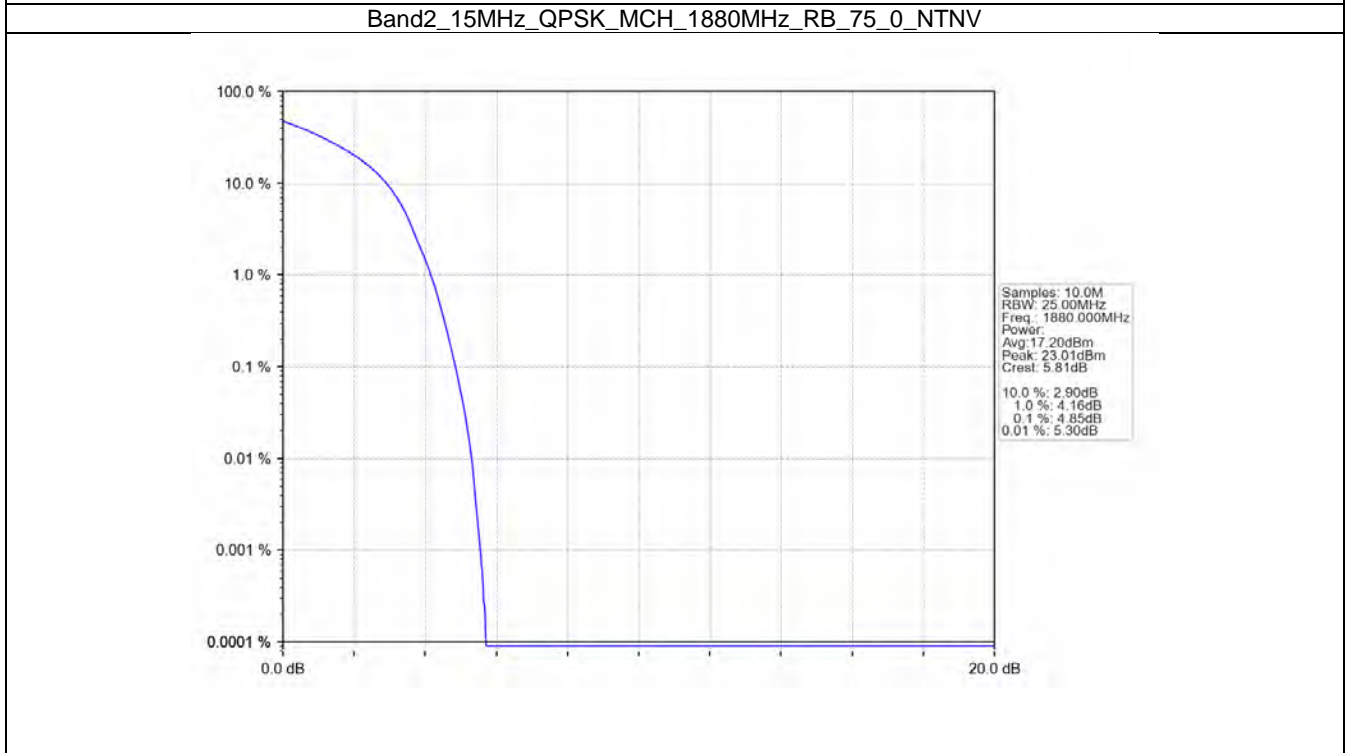
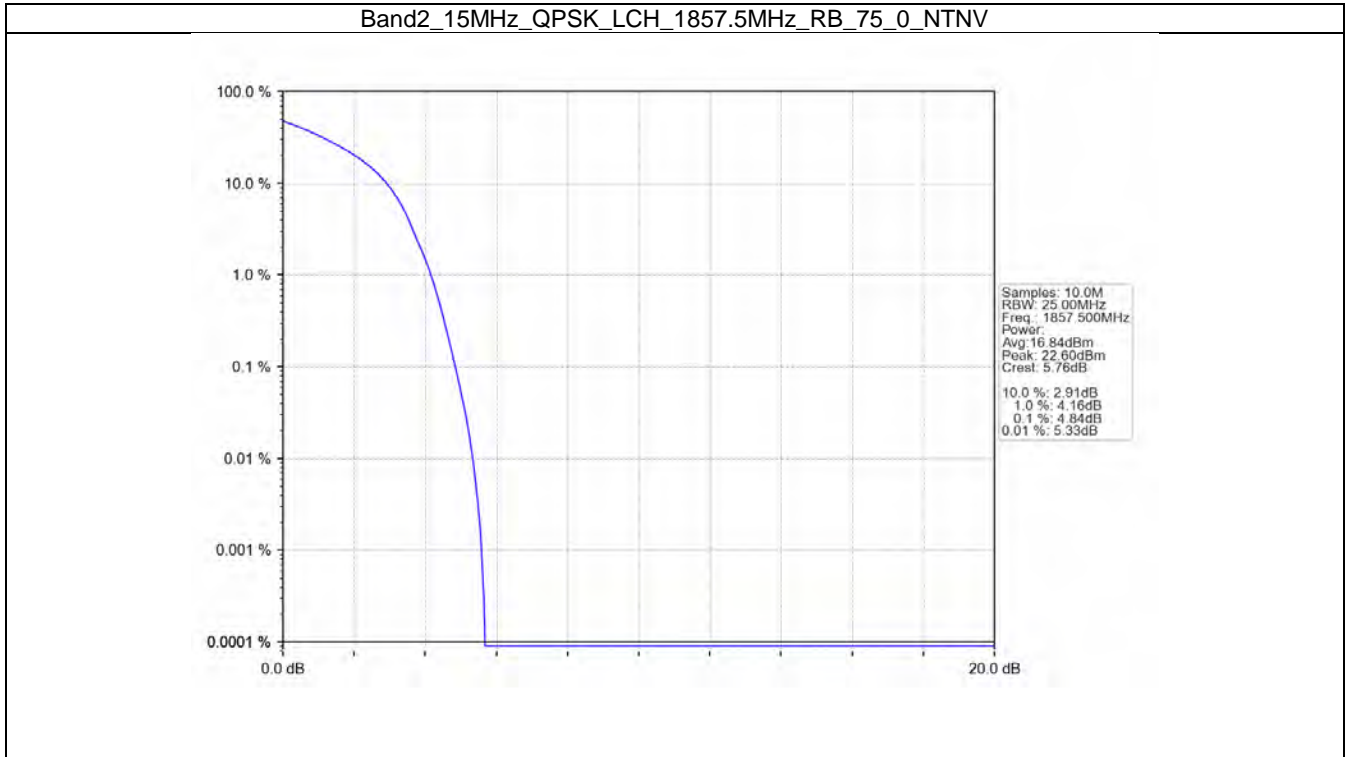
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



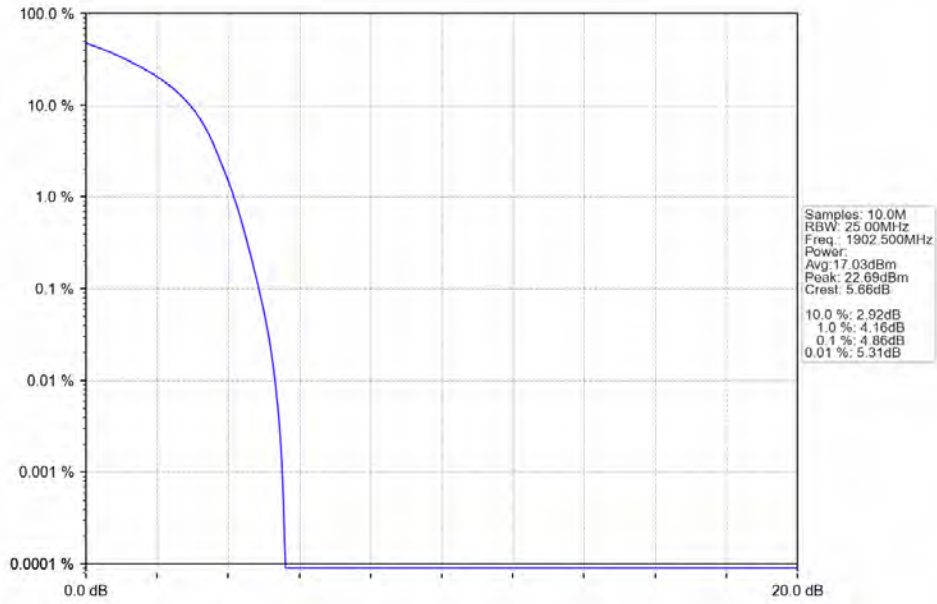
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



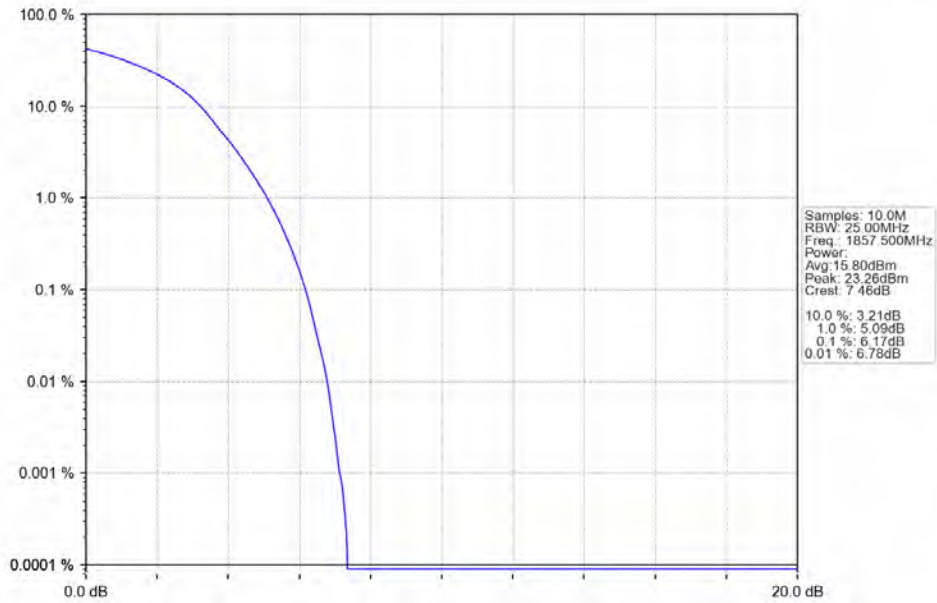
### 5.2.5 B2\_15MHz



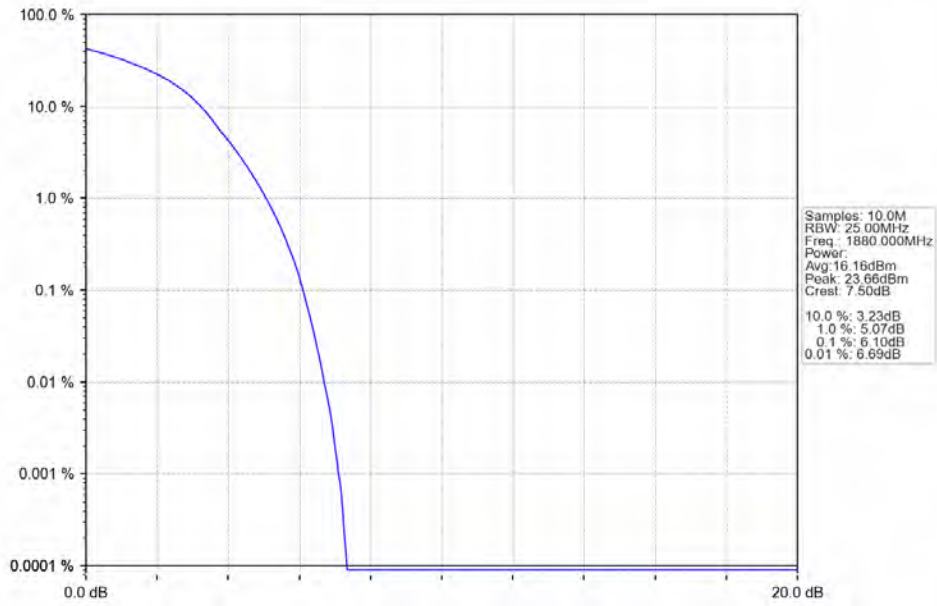
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



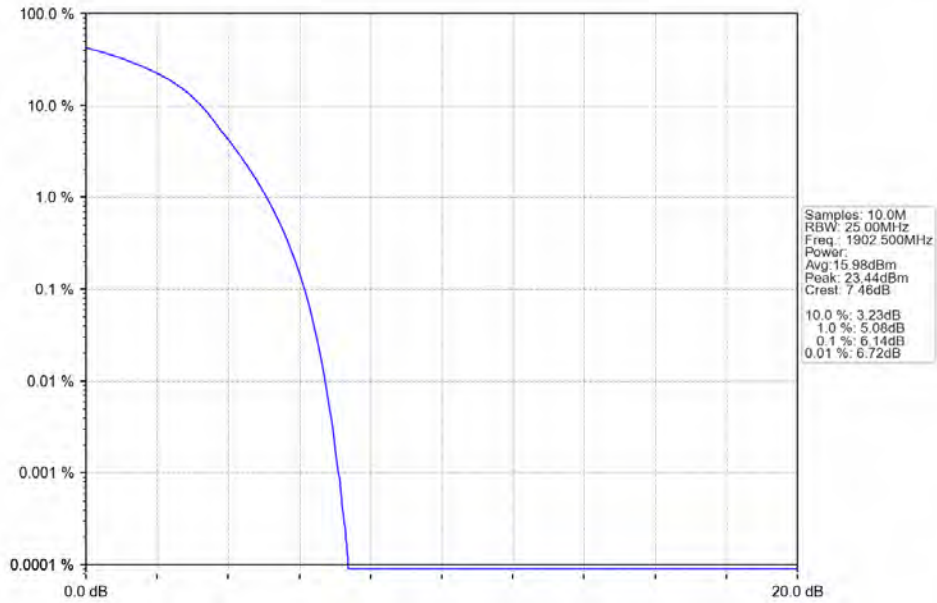
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



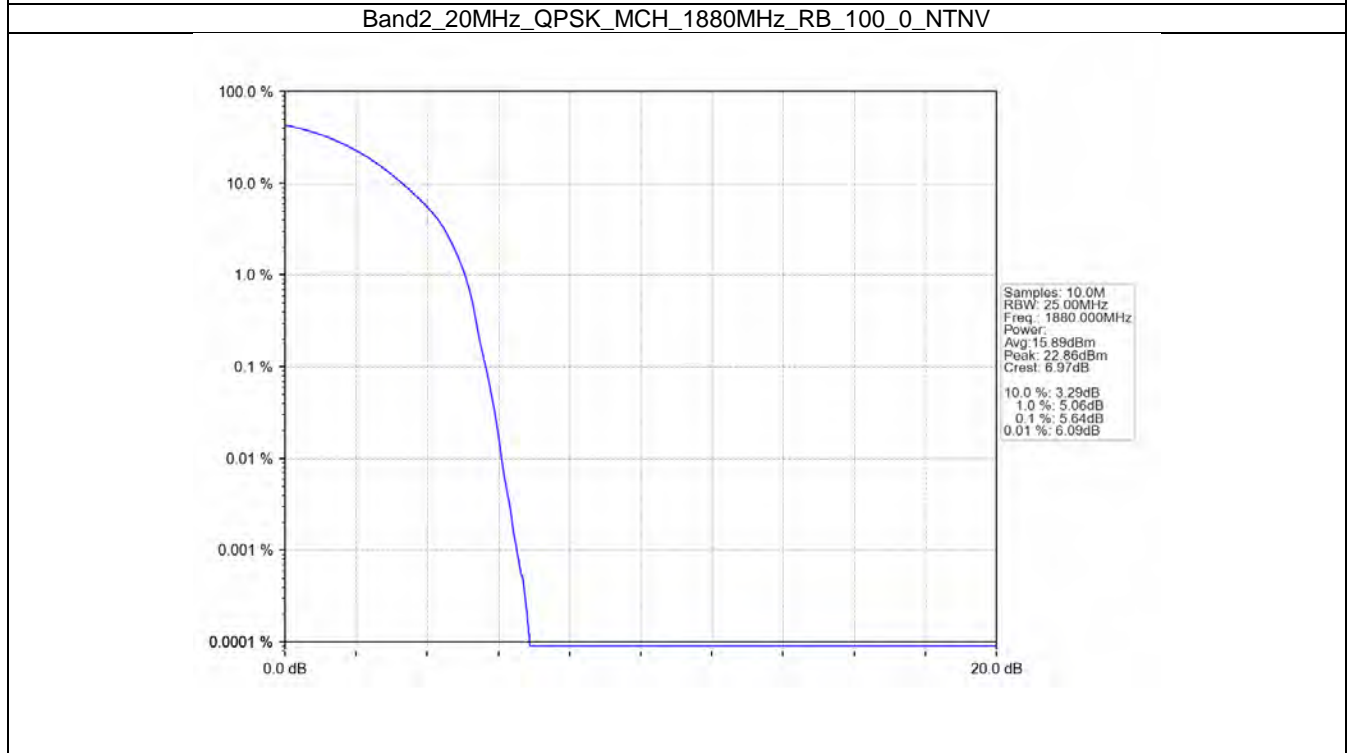
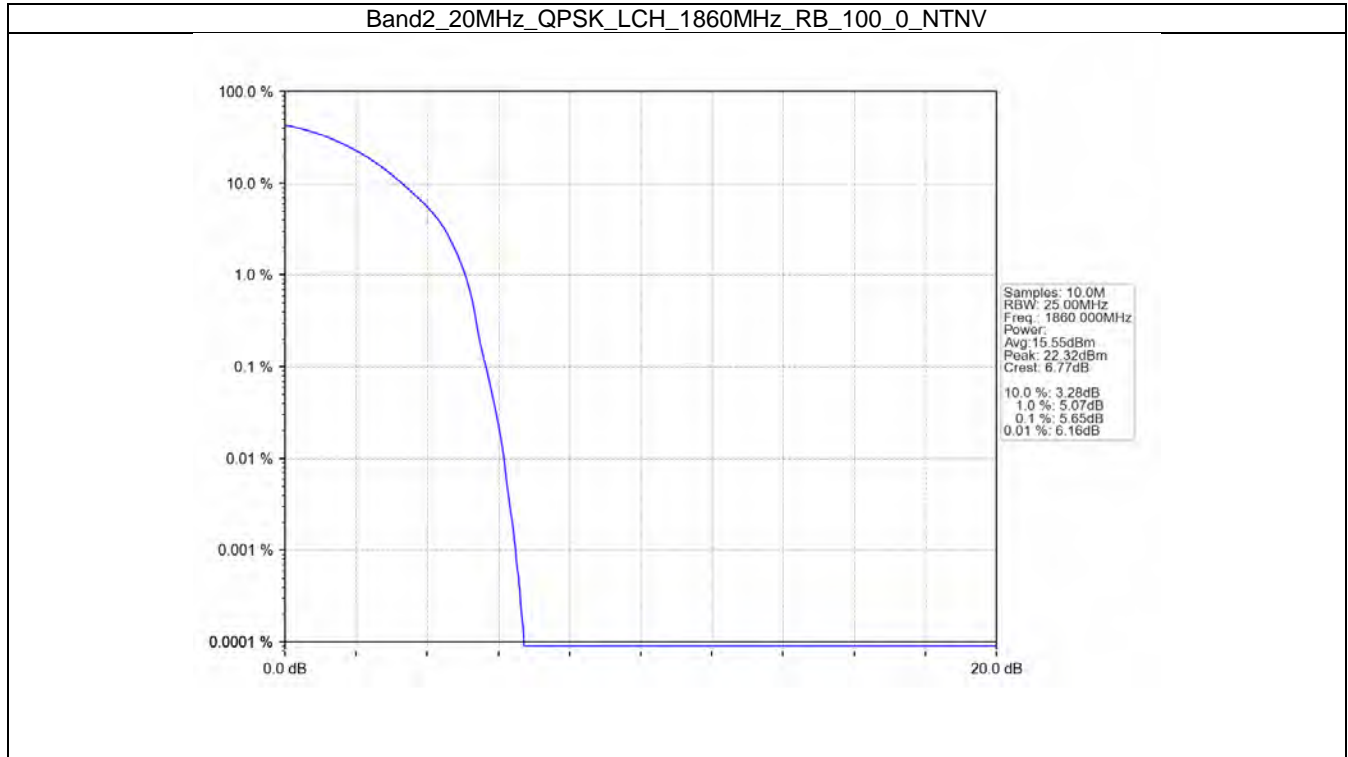
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



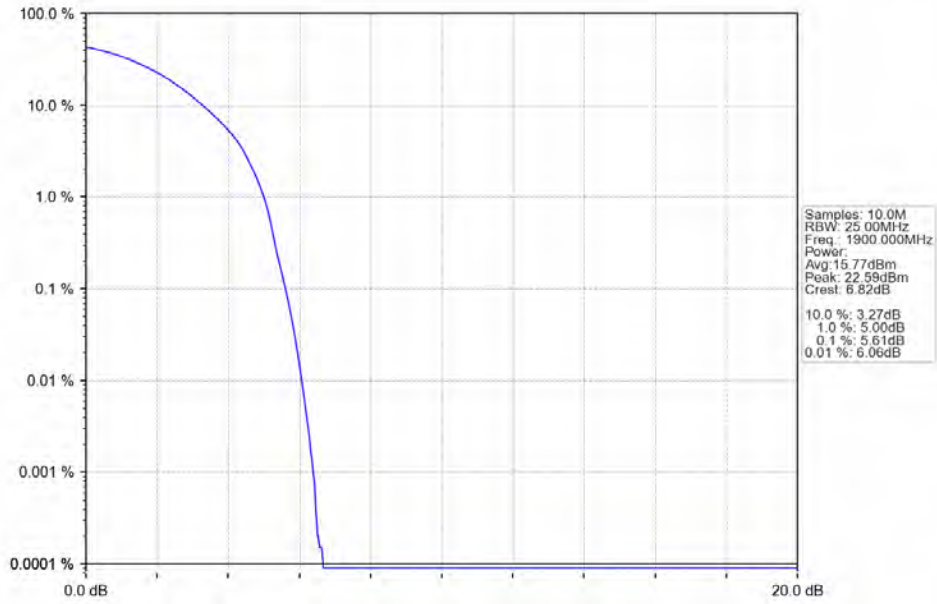
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



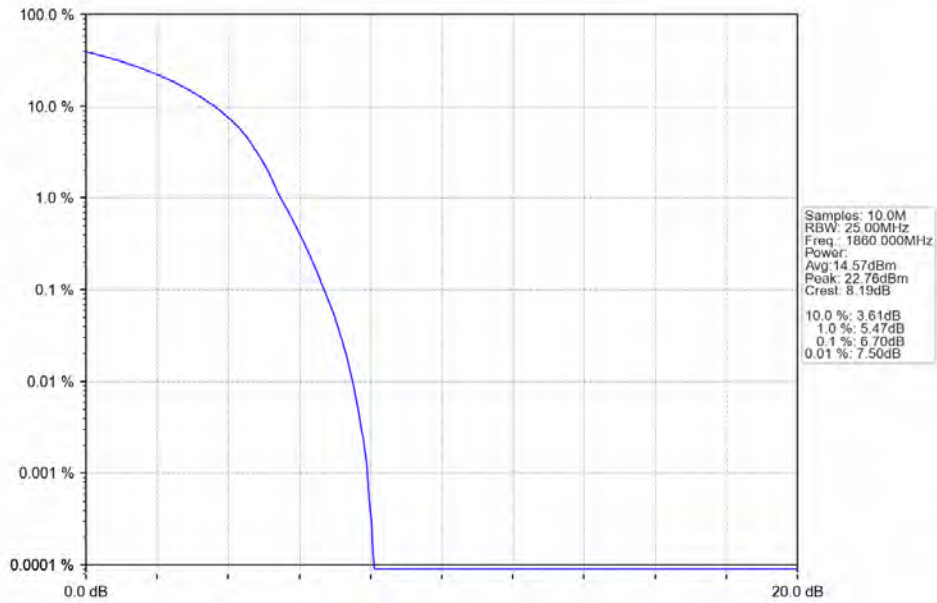
## 5.2.6 B2\_20MHz



Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

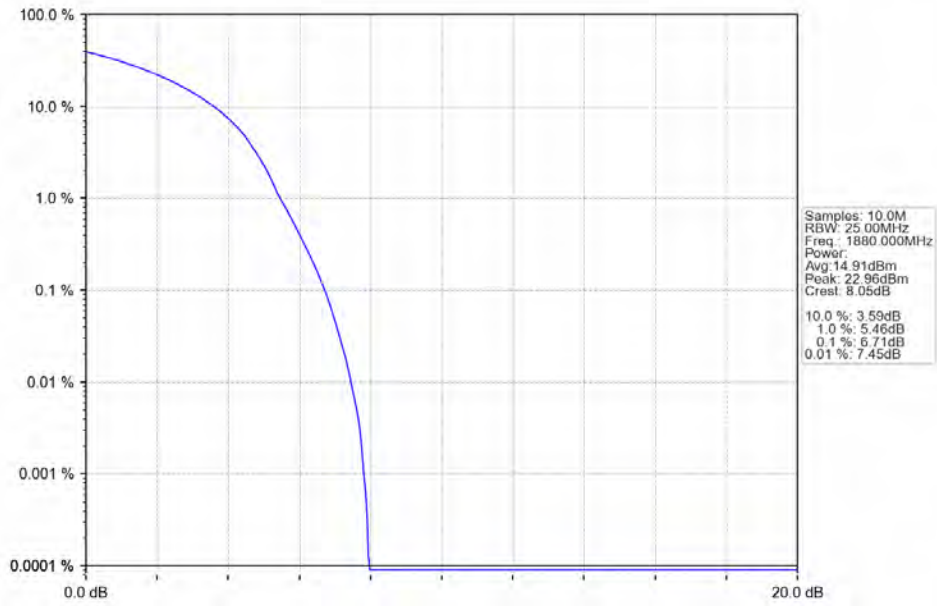


Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

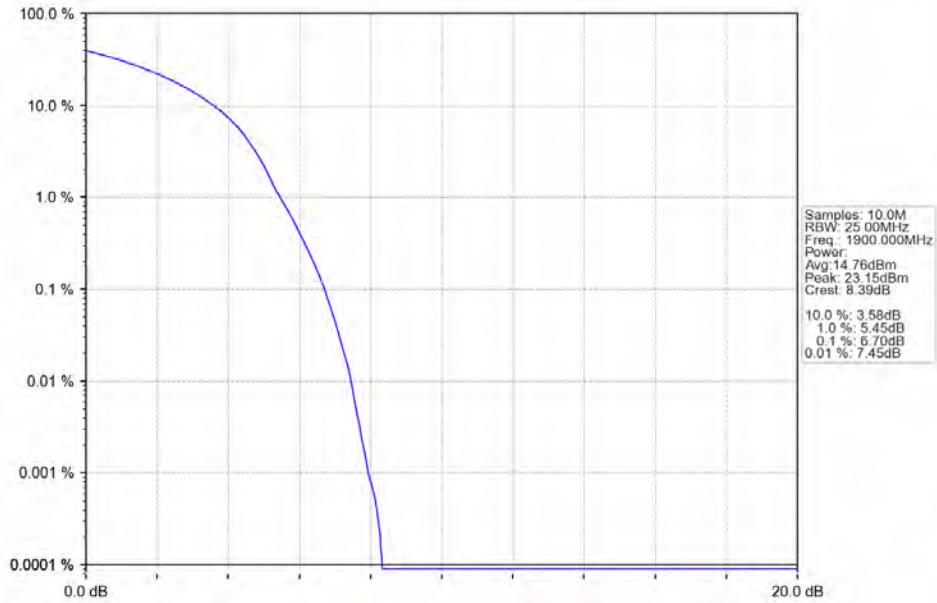




Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



## 6. Spurious Emission

### 6.1 Test Result

#### 6.1.1 B2\_1.4MHz

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
	1880	1	0	Refer To Test Graph		Pass
		1909.3	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
	1880	1	0	Refer To Test Graph		Pass
		1909.3	1	0	Refer To Test Graph	
				5	Refer To Test Graph	
			6	0	Refer To Test Graph	

#### 6.1.2 B2\_3MHz

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	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	
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	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	

#### 6.1.3 B2\_5MHz

Band: 2 / 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
	1880	1	0	Refer To Test Graph		Pass
		1907.5	1	0	Refer To Test Graph	
				24	Refer To Test Graph	
			25	0	Refer To Test Graph	
16QAM	1852.5	1	0	Refer To Test Graph		Pass

		25	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1907.5	1	0	Refer To Test Graph	Pass
24			Refer To Test Graph	Pass	
25		0	Refer To Test Graph	Pass	

#### 6.1.4 B2\_10MHz

Band: 2 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1905	1	0	Refer To Test Graph	Pass	
		50	49	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
16QAM	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1905	1	0	Refer To Test Graph	Pass	
		50	49	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	

#### 6.1.5 B2\_15MHz

Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	1902.5	1	0	Refer To Test Graph	Pass	
		75	74	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	
16QAM	1857.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	1902.5	1	0	Refer To Test Graph	Pass	
		75	74	Refer To Test Graph	Pass	
			0	Refer To Test Graph	Pass	

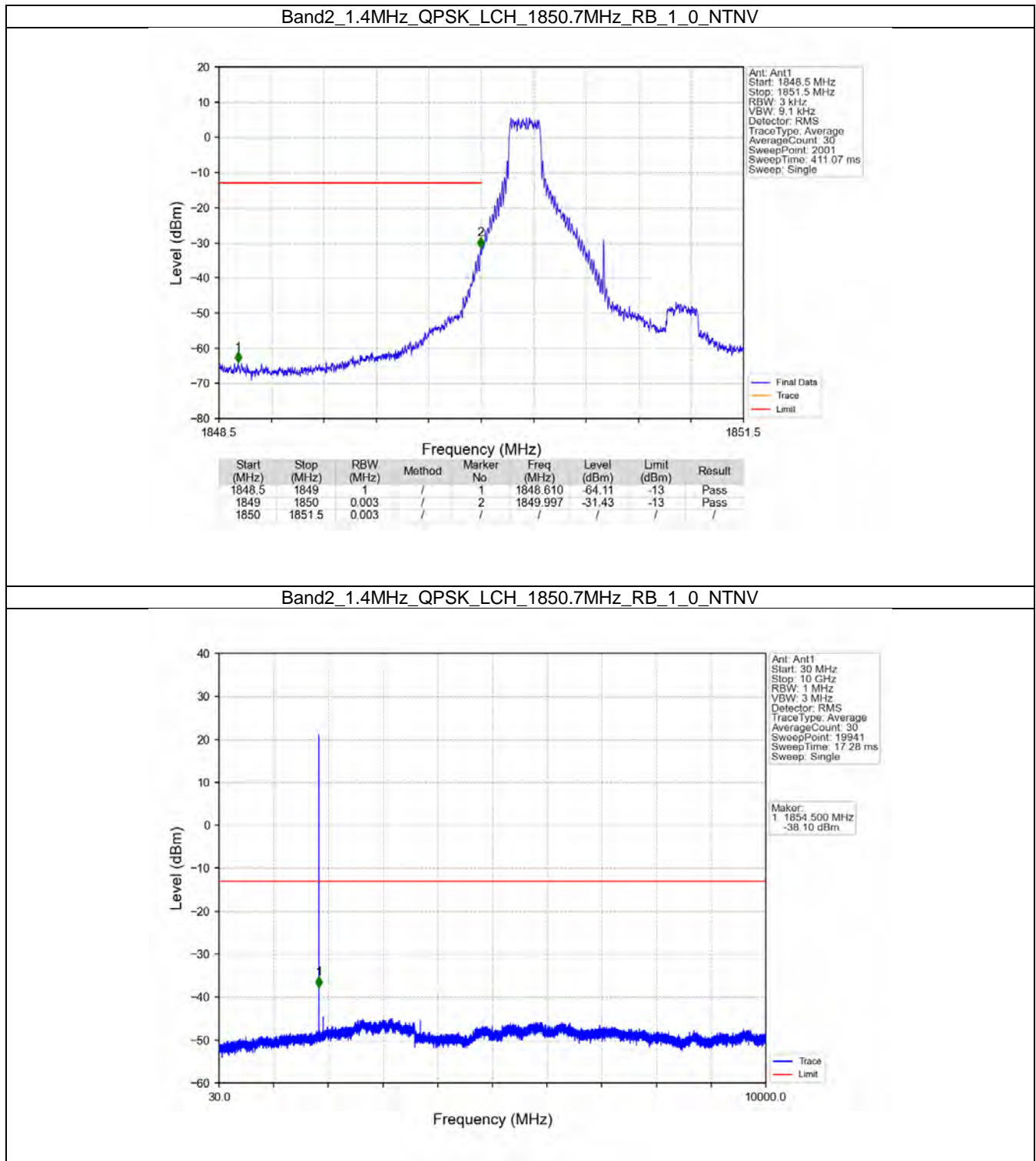
#### 6.1.6 B2\_20MHz

Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	1900	1	0	Refer To Test Graph	Pass	
		99	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	

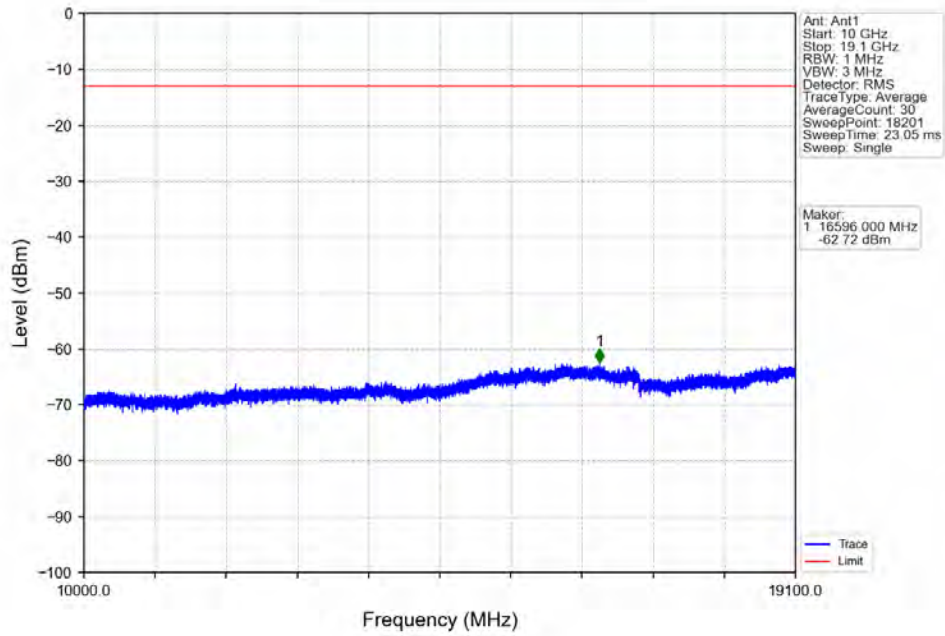
		100	0	Refer To Test Graph	Pass
16QAM	1860	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
		1900	1	0	Refer To Test Graph
	99		Refer To Test Graph	Pass	
	100		0	Refer To Test Graph	Pass

## 6.2 Test Graph

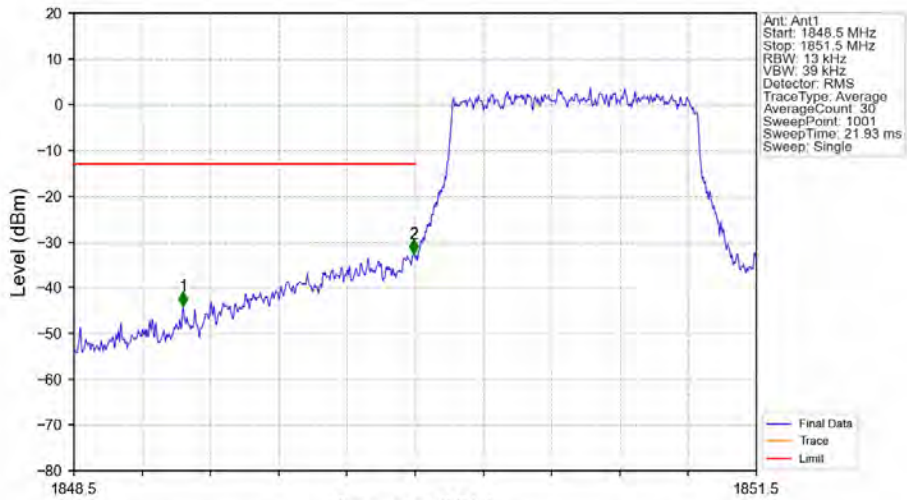
### 6.2.1 B2\_1.4MHz



Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV

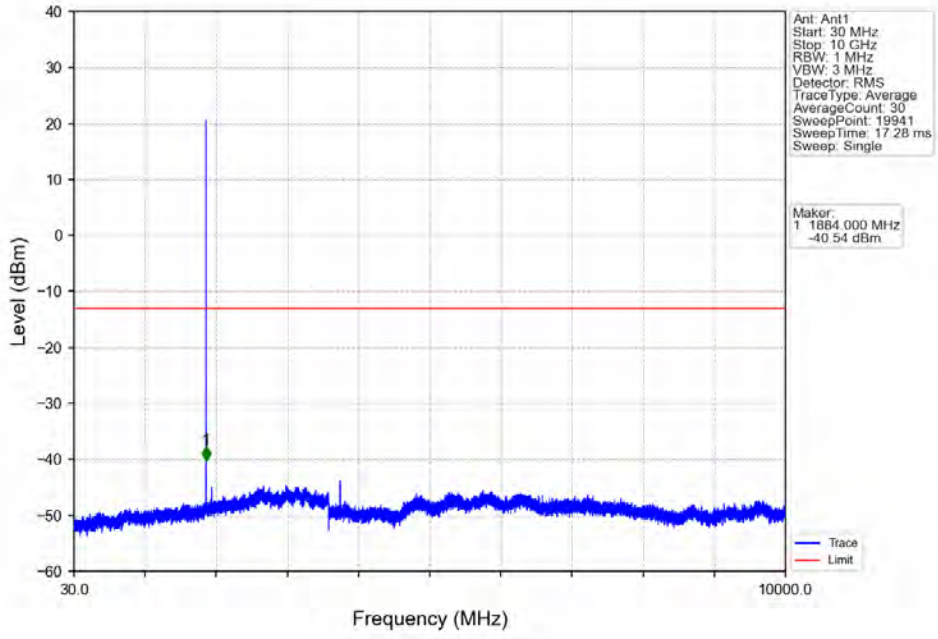


Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

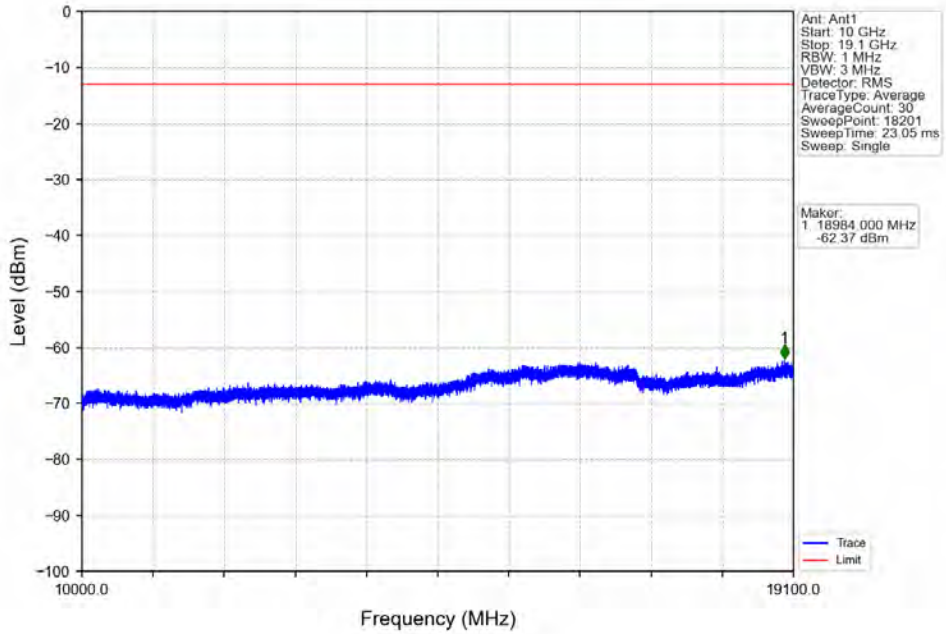


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.980	-43.99	-13	Pass
1849	1850	0.013	/	2	1849.994	-32.59	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV

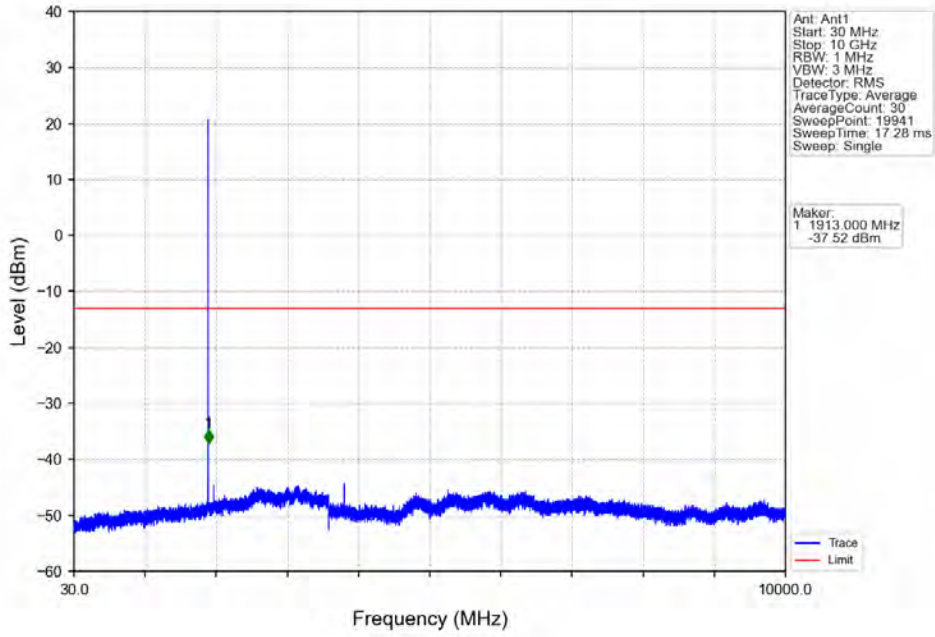


Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV

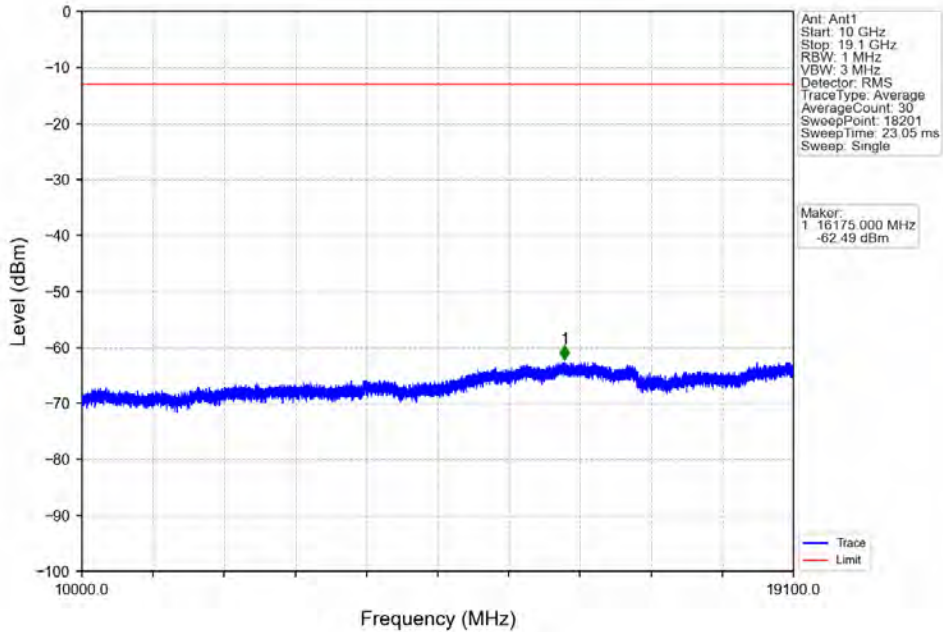




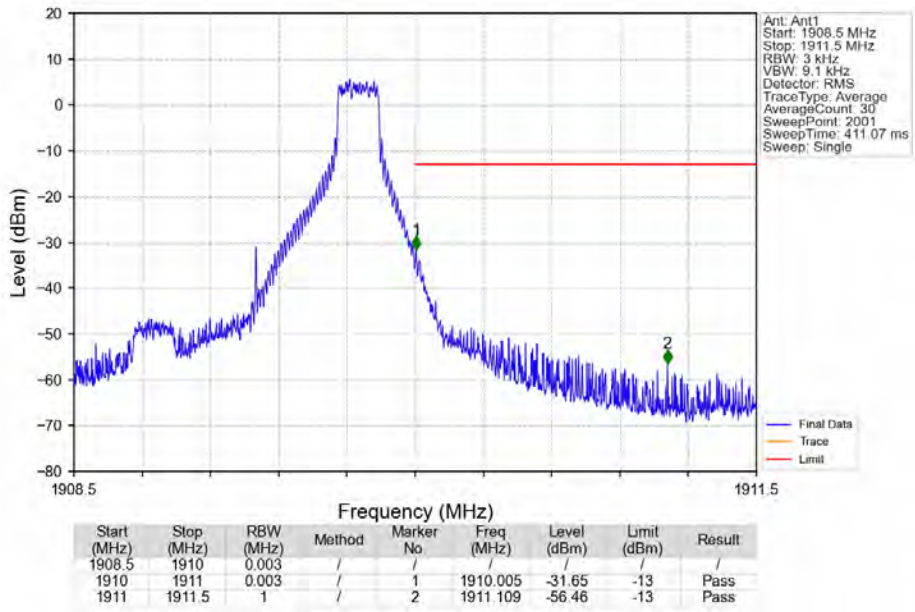
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



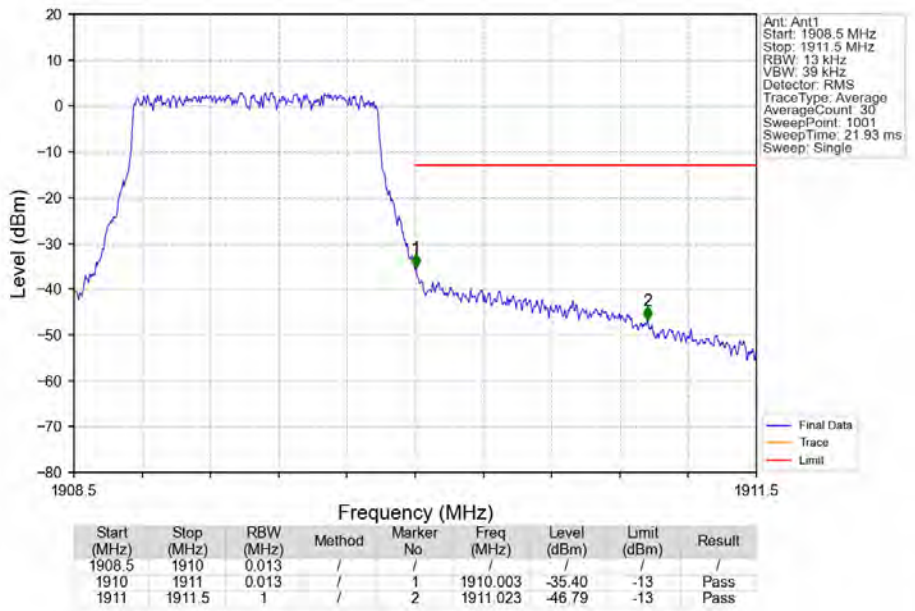
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



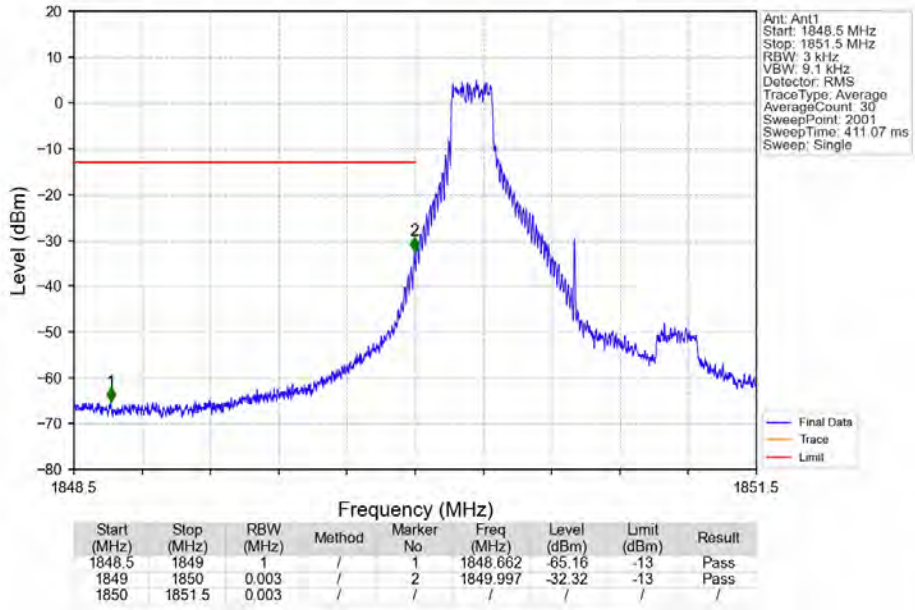
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



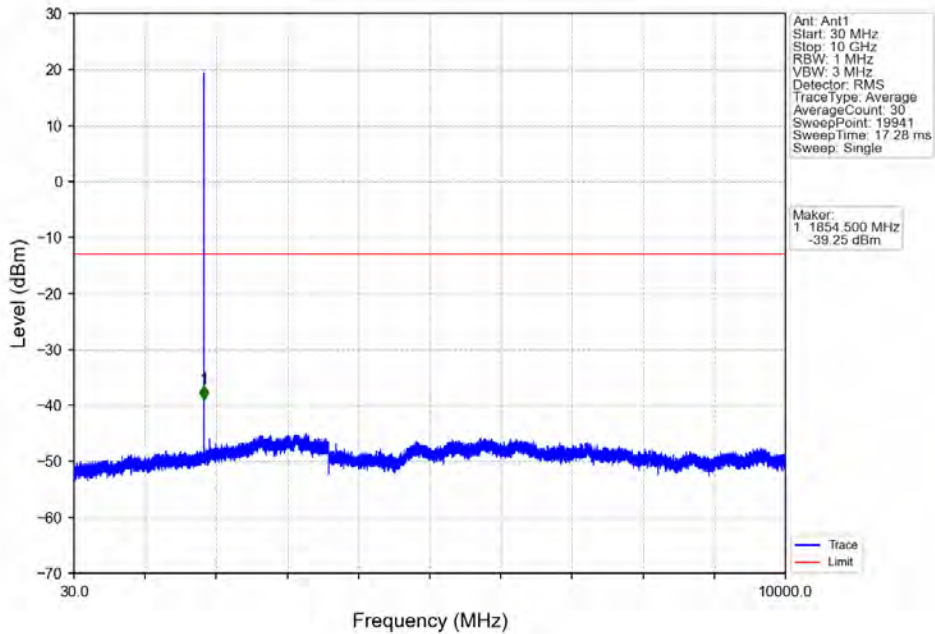
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



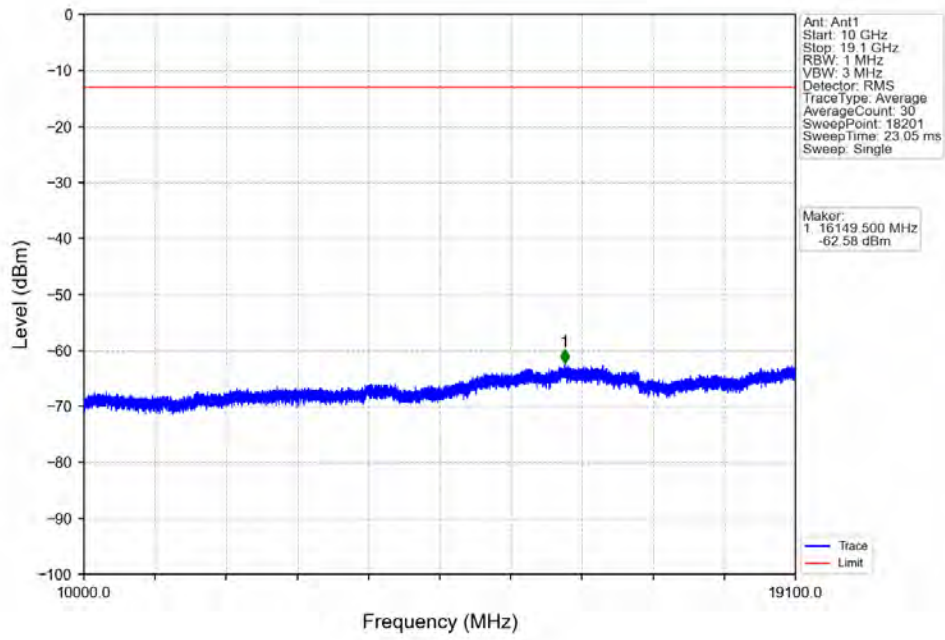
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



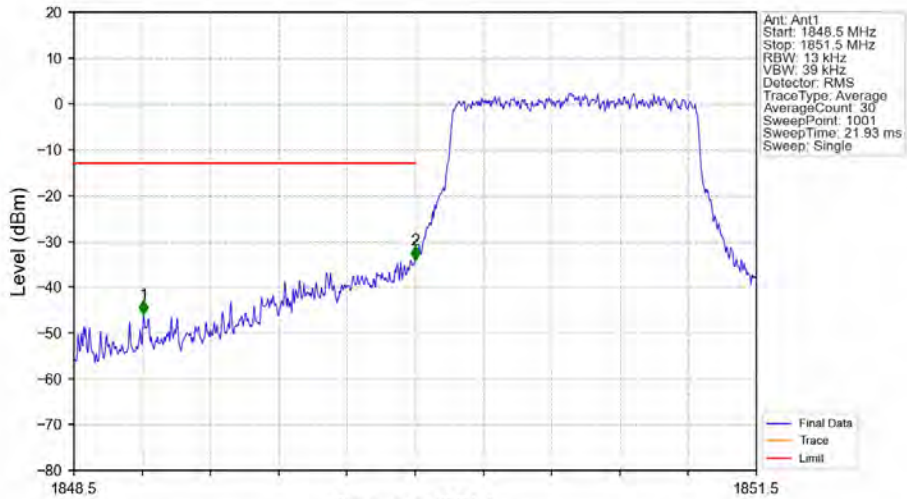
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV

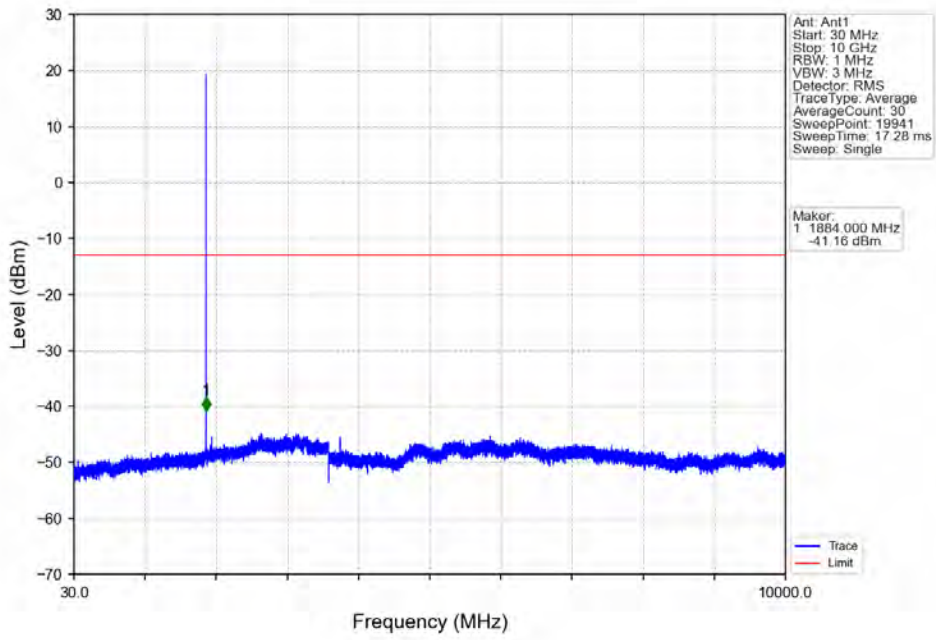


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

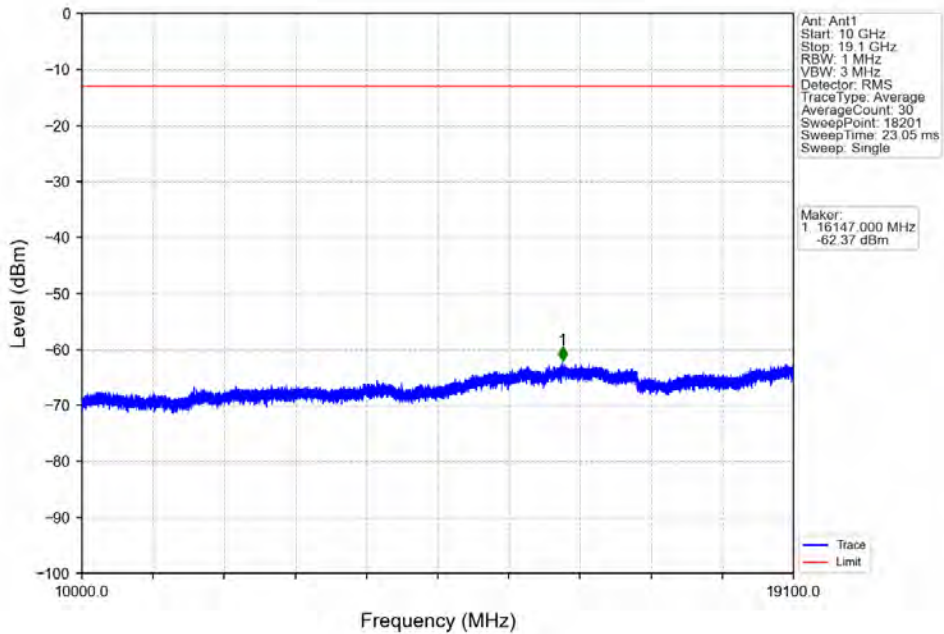


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.806	-45.90	-13	Pass
1849	1850	0.013	/	2	1850.000	-34.14	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV

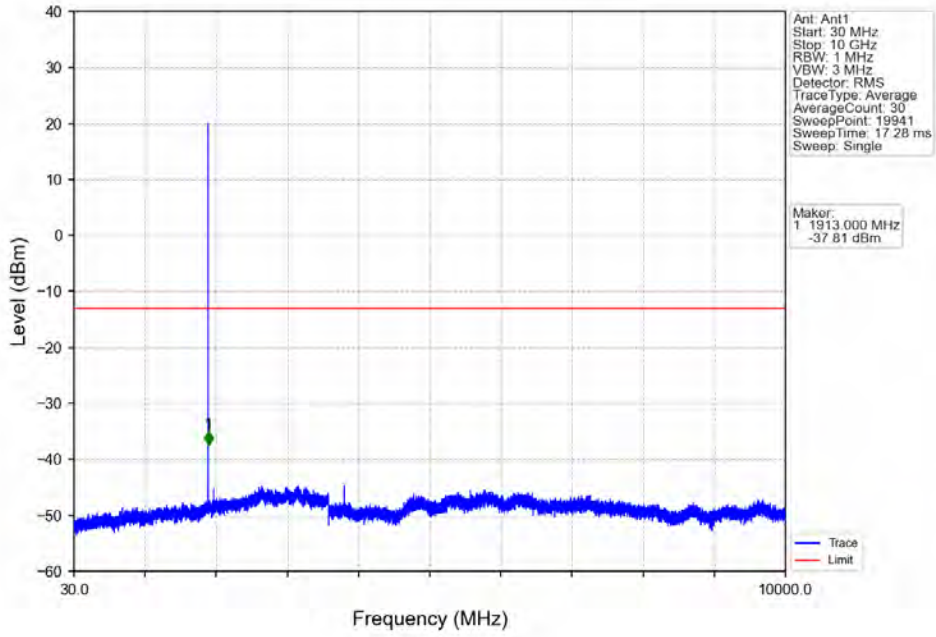


Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV

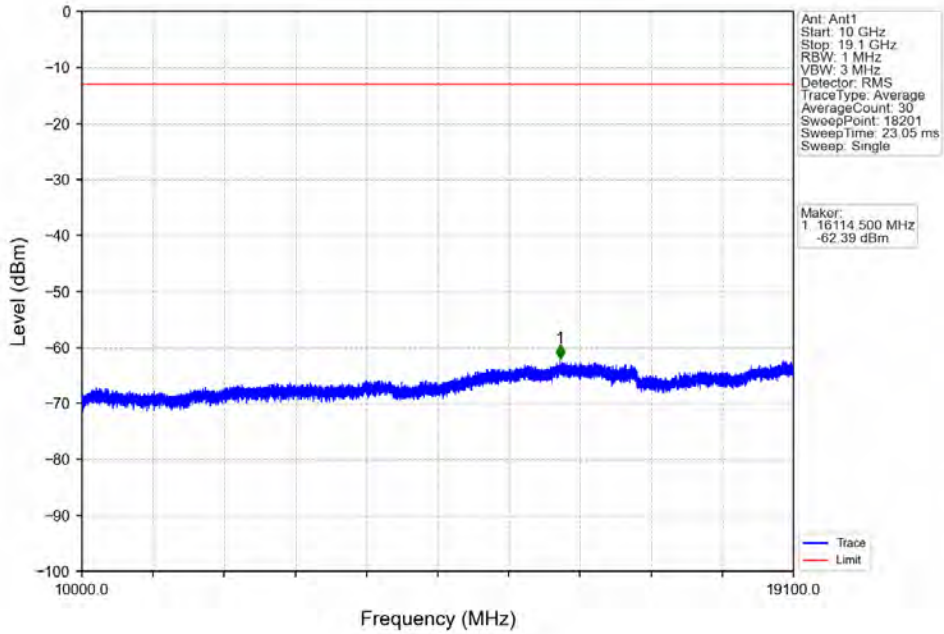




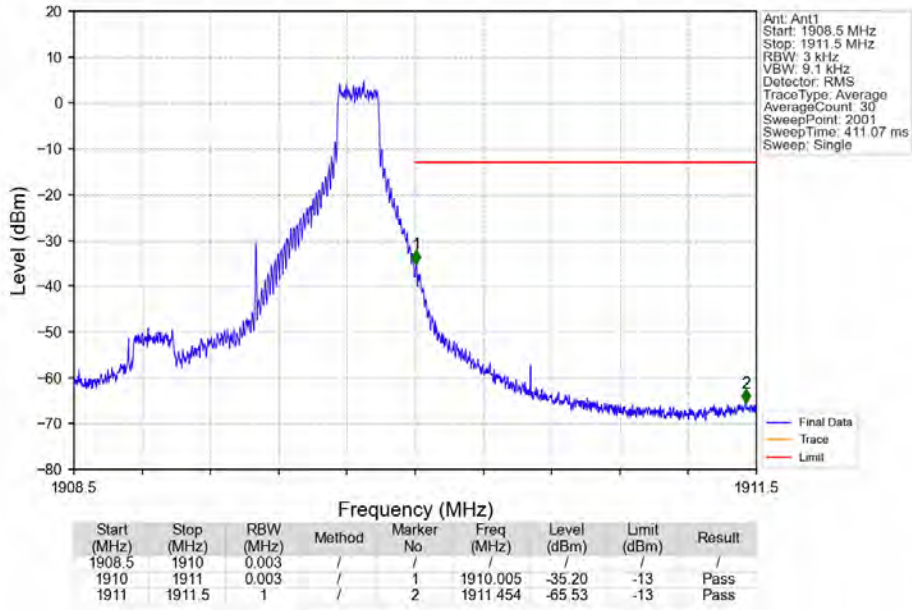
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



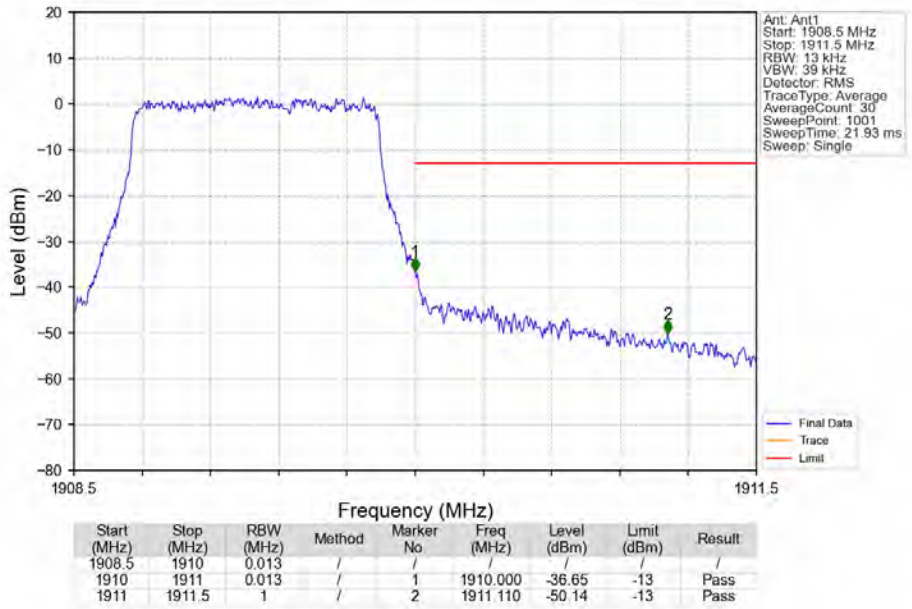
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_5\_NTNV



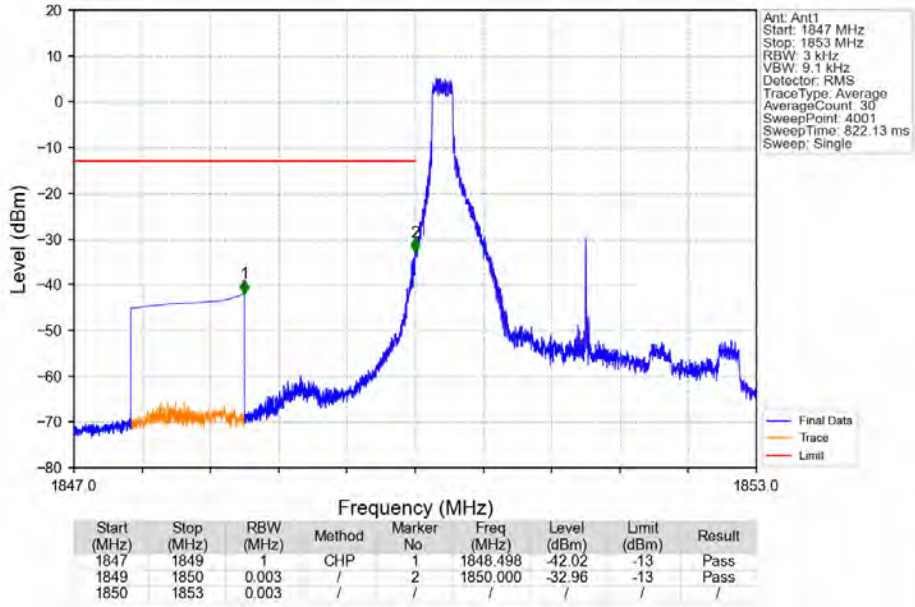
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



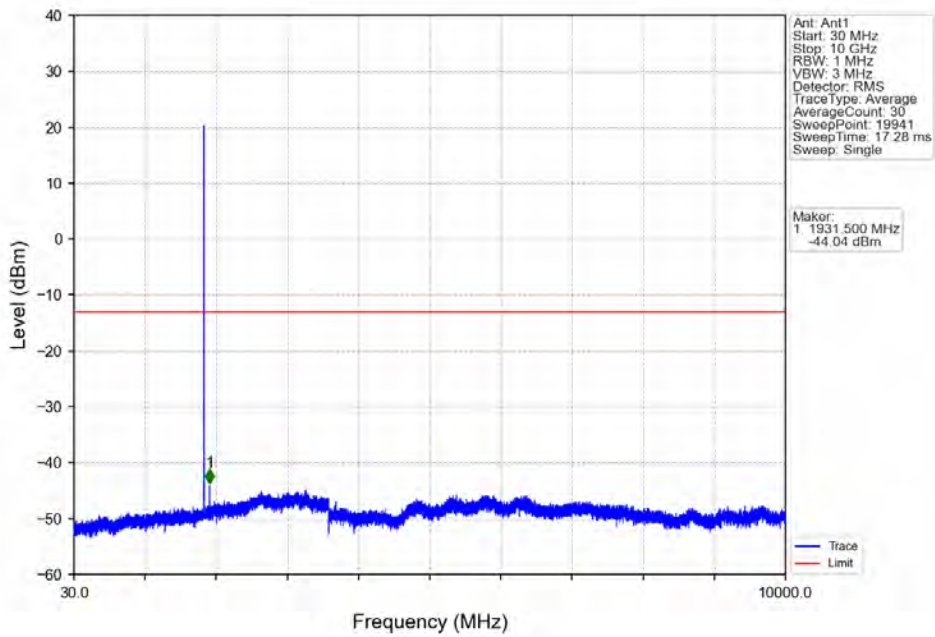


### 6.2.2 B2\_3MHz

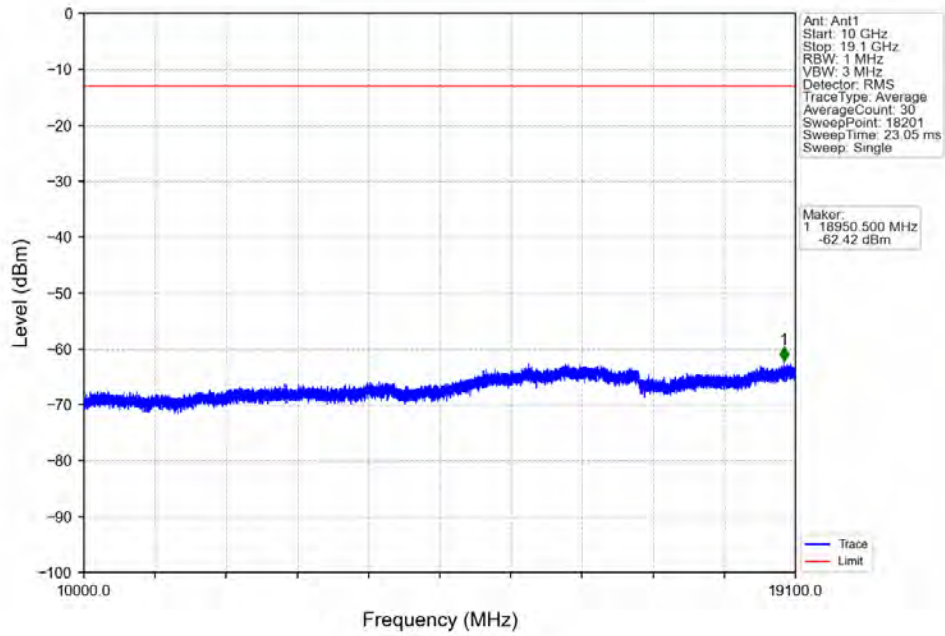
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



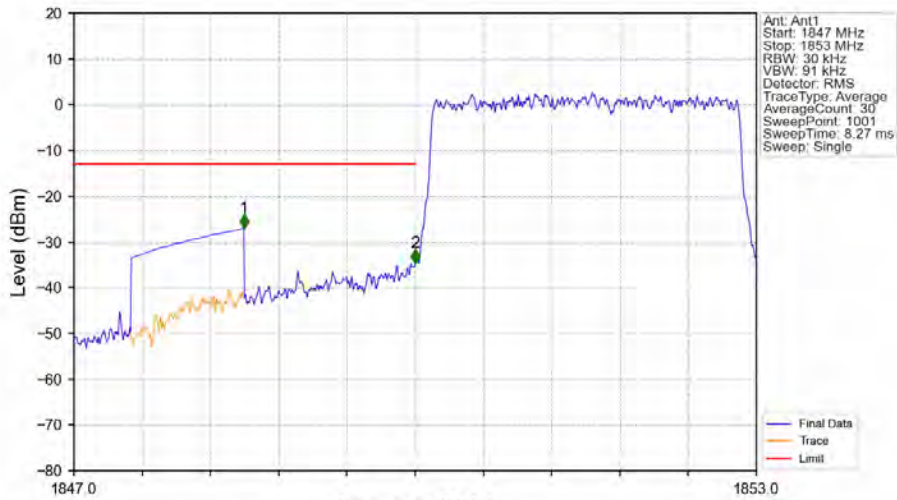
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV

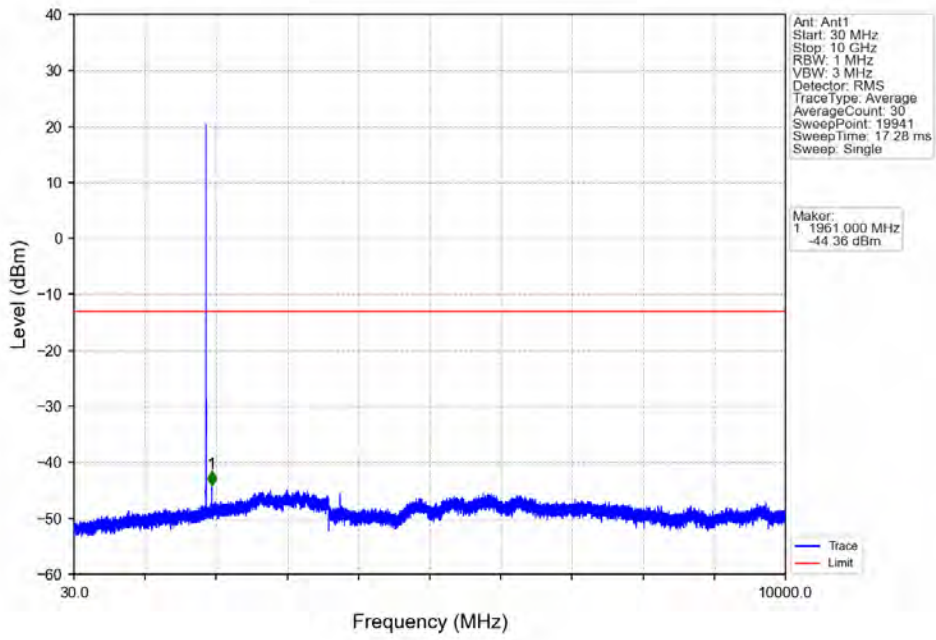


Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

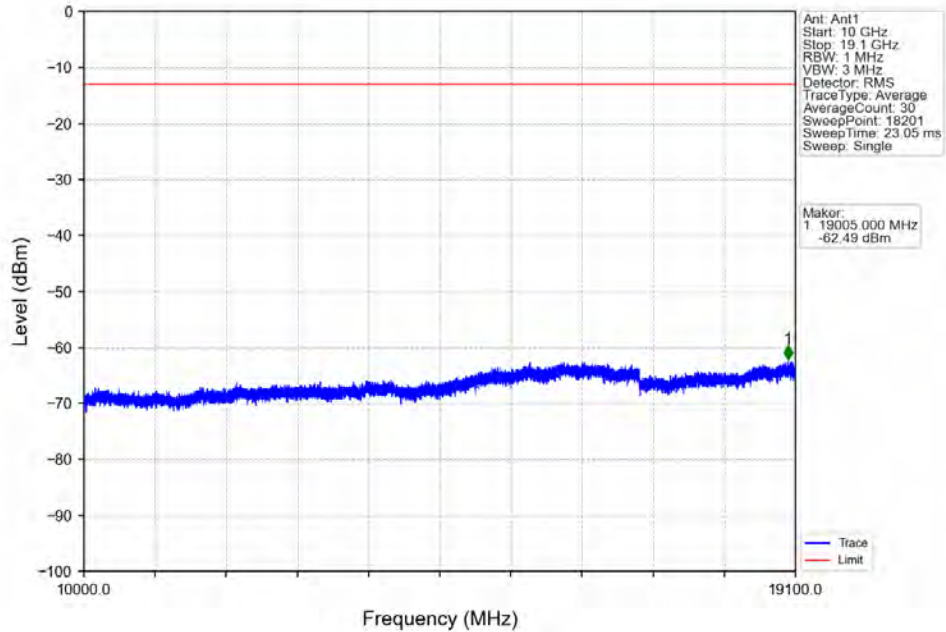


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-27.01	-13	Pass
1849	1850	0.03	/	2	1850.000	-34.60	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

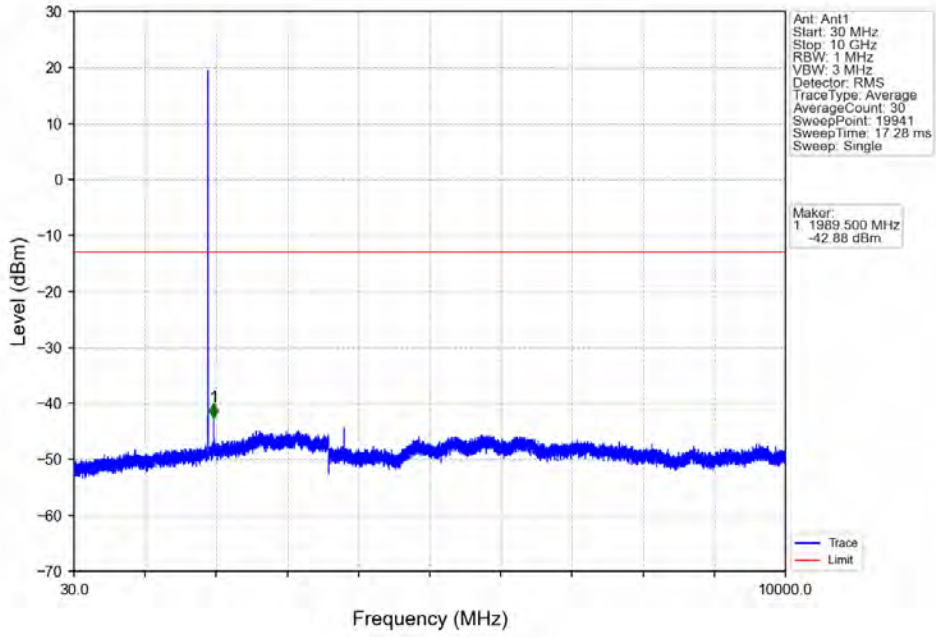
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



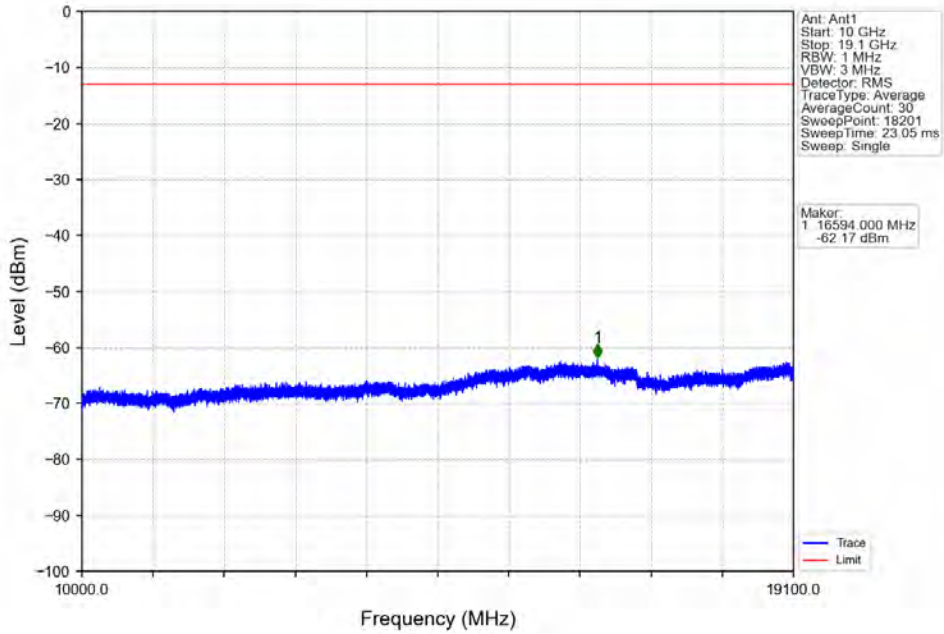
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



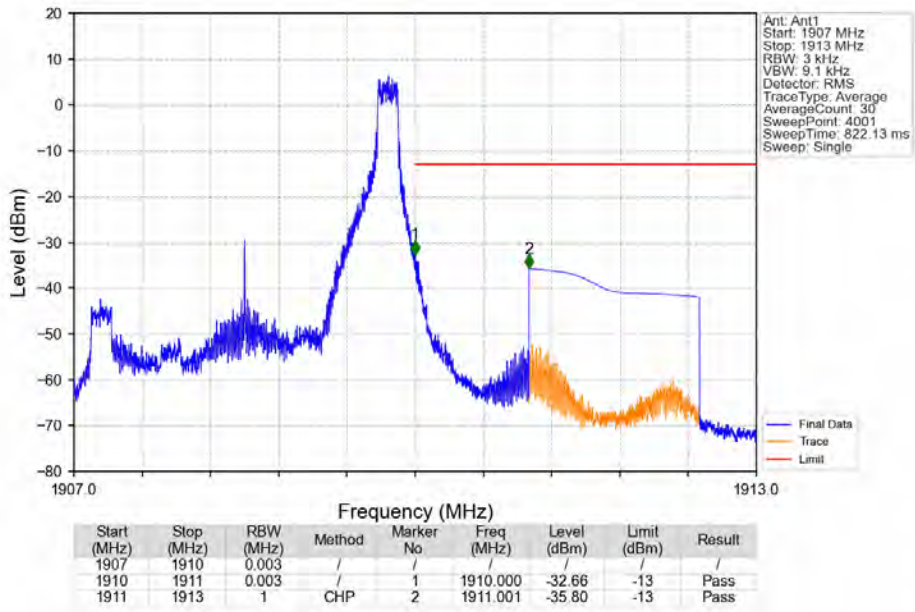
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



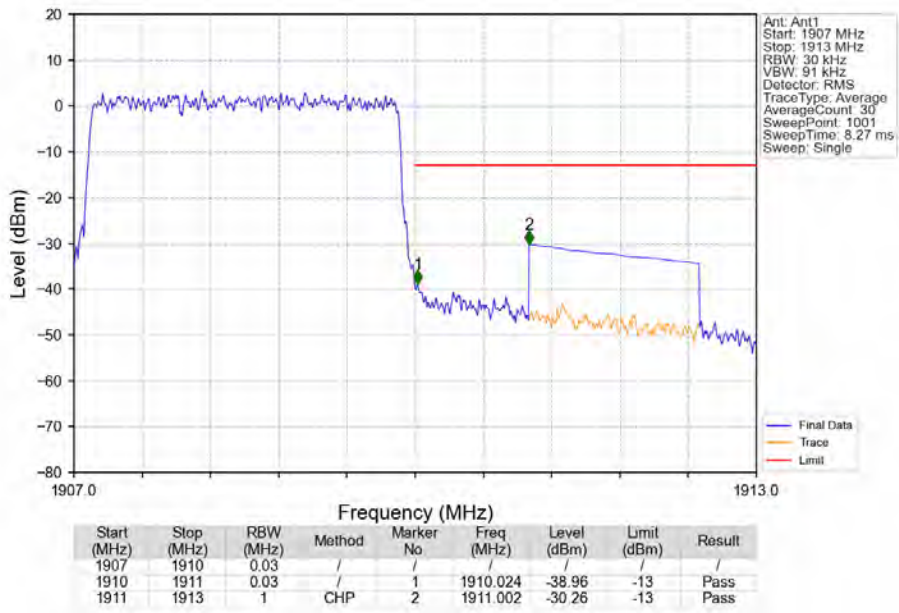
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_14\_NTNV

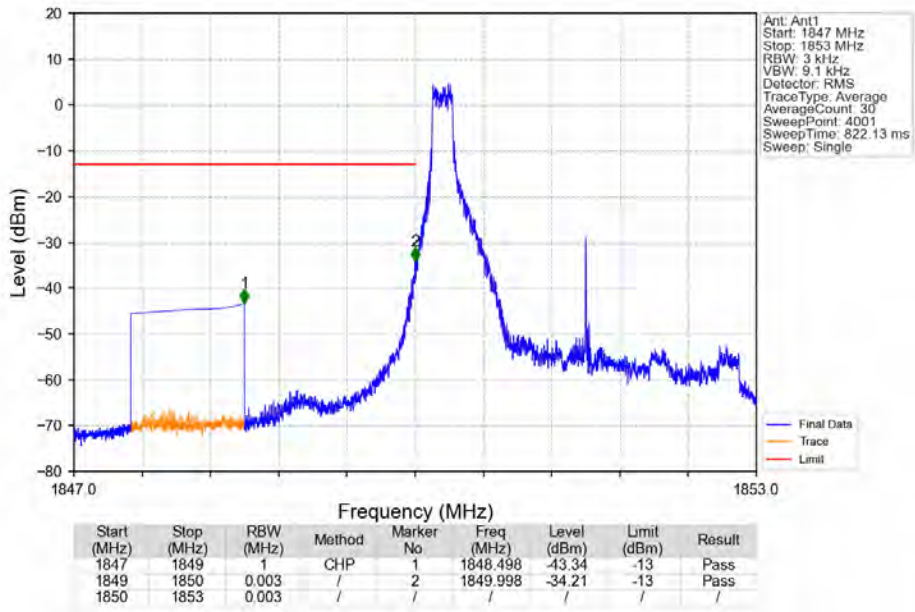


Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

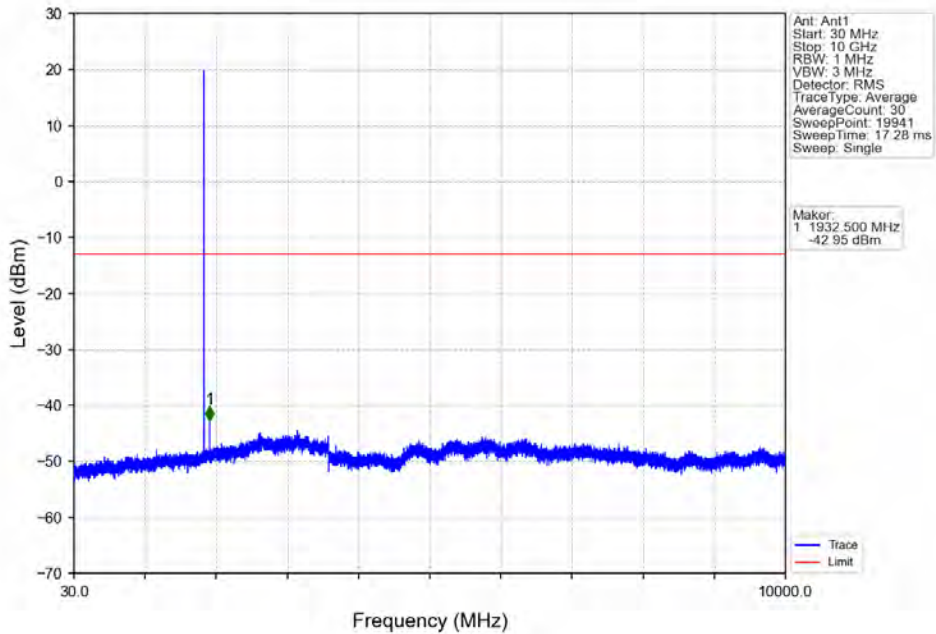




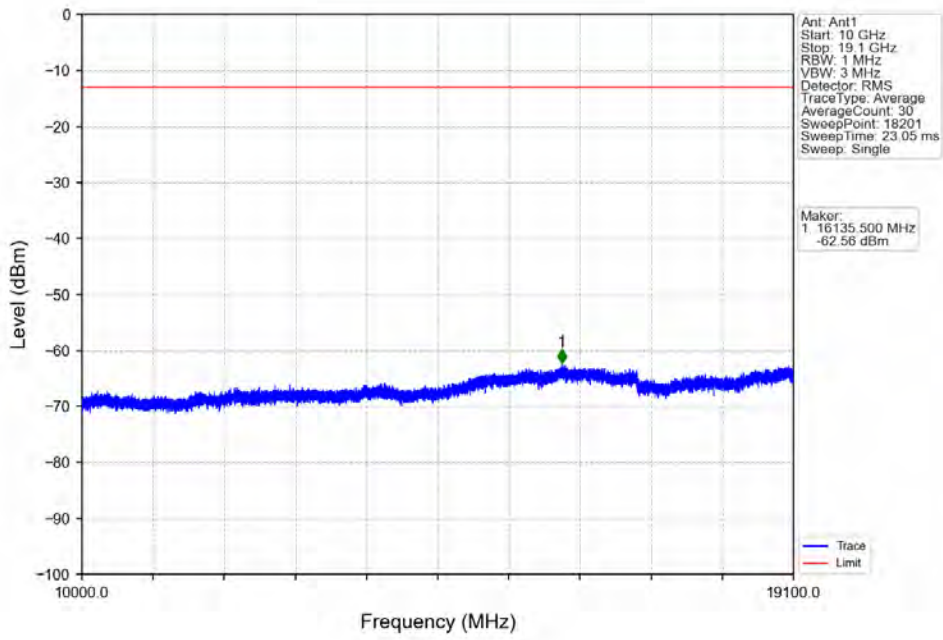
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



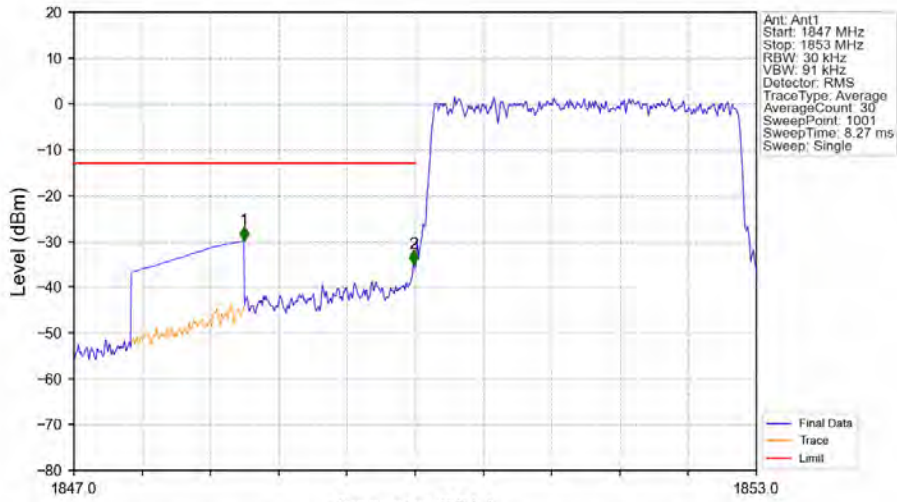
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



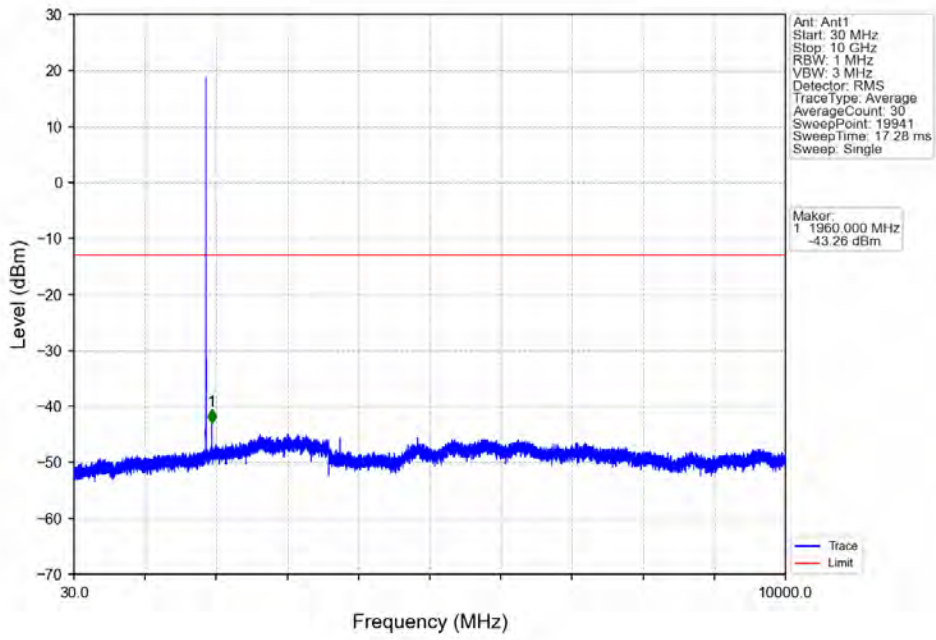
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



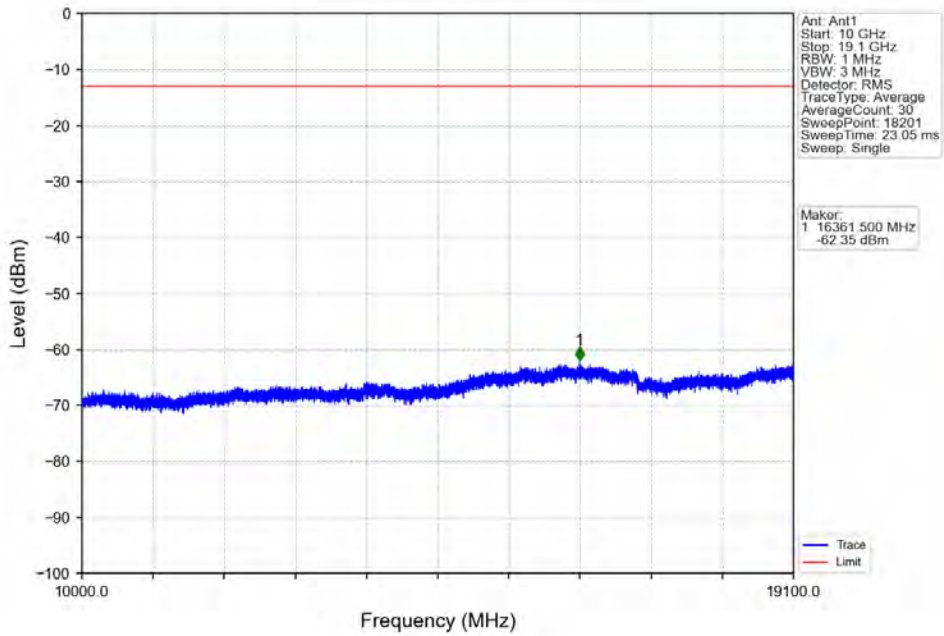
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-29.83	-13	Pass
1849	1850	0.03	/	2	1849.988	-34.96	-13	Pass
1850	1853	0.03	/	/	/	/	/	/



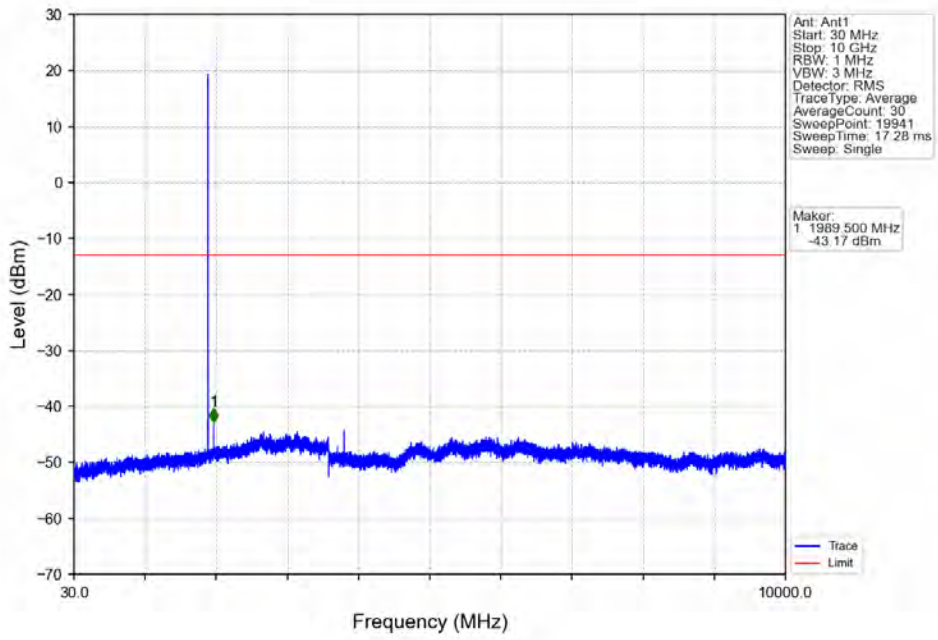
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



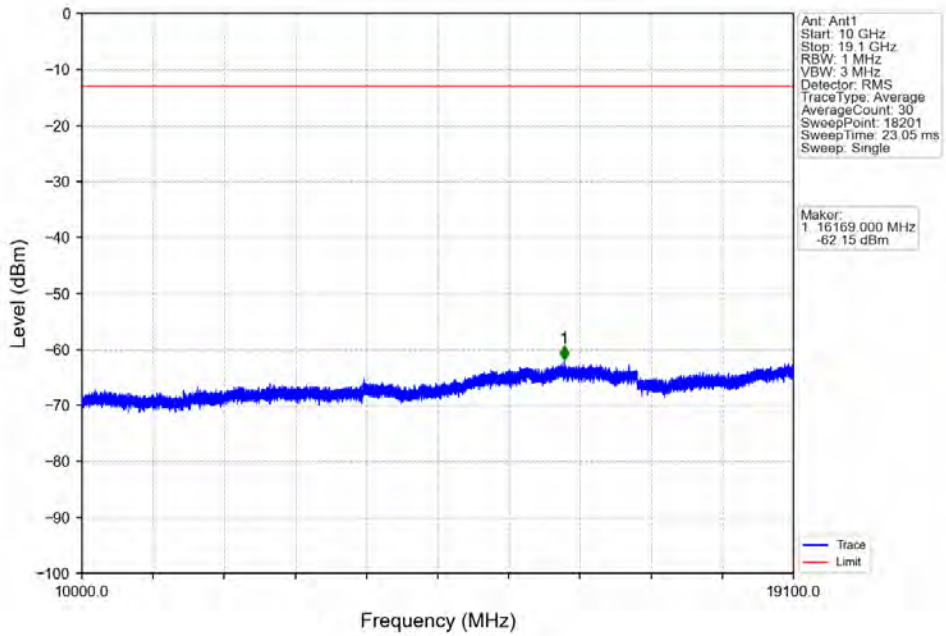
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



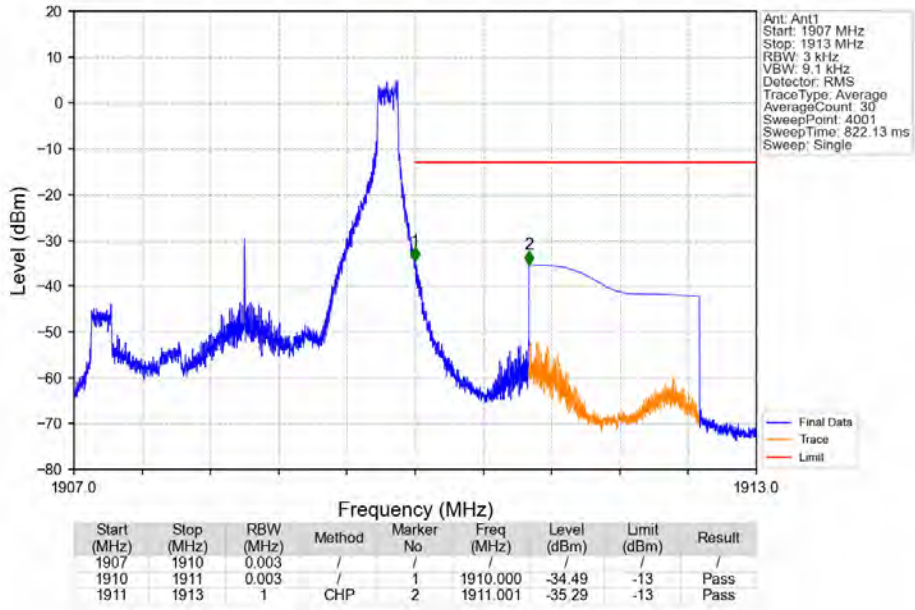
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



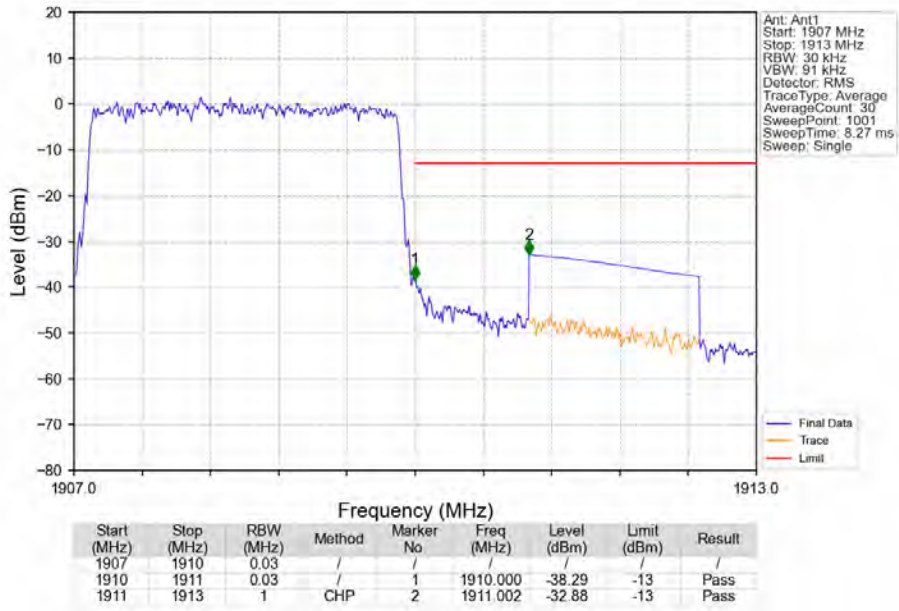
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



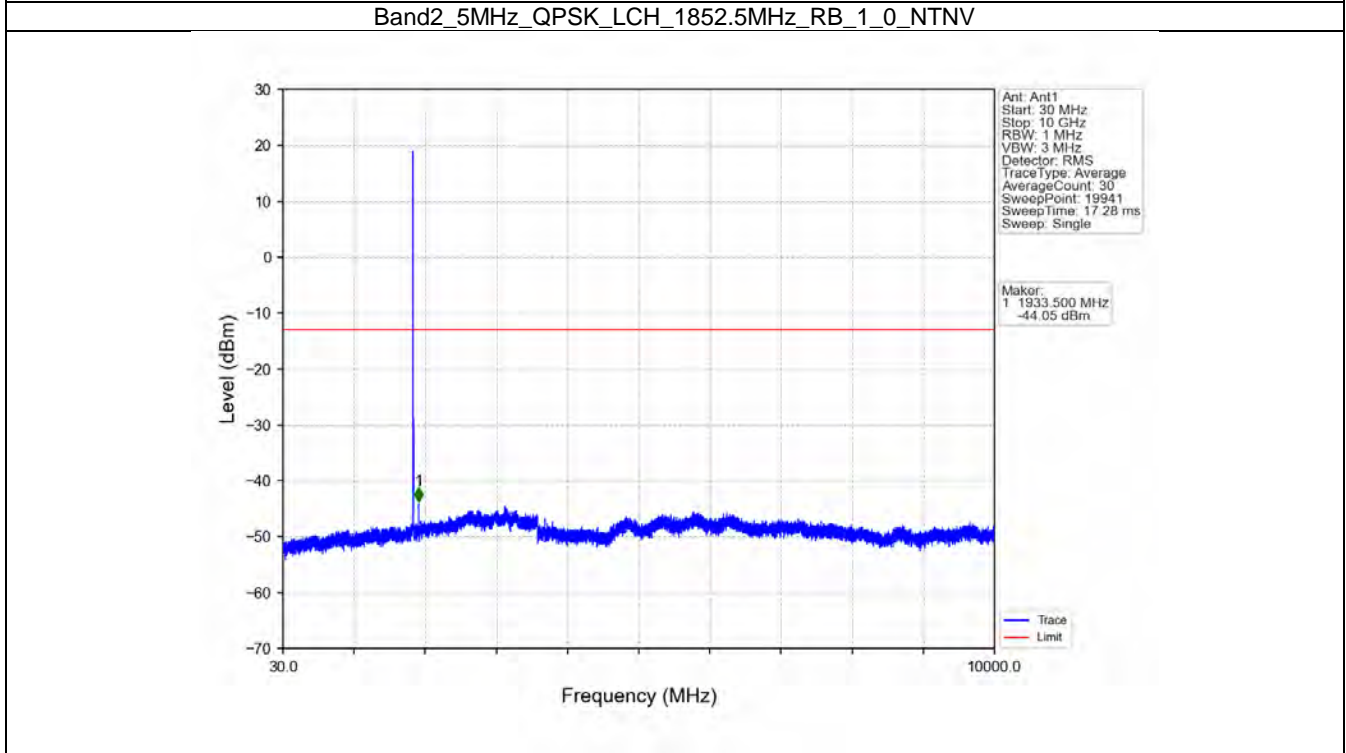
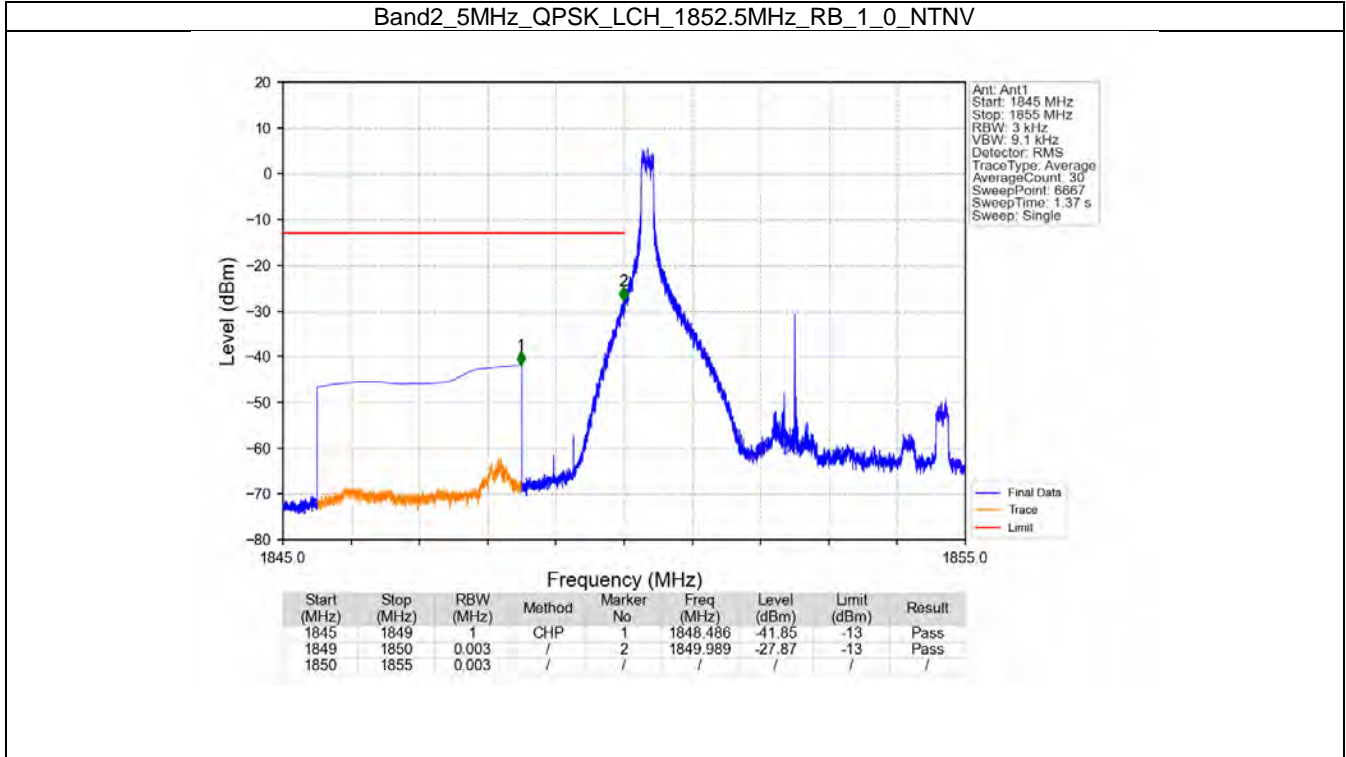
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_14\_NTV



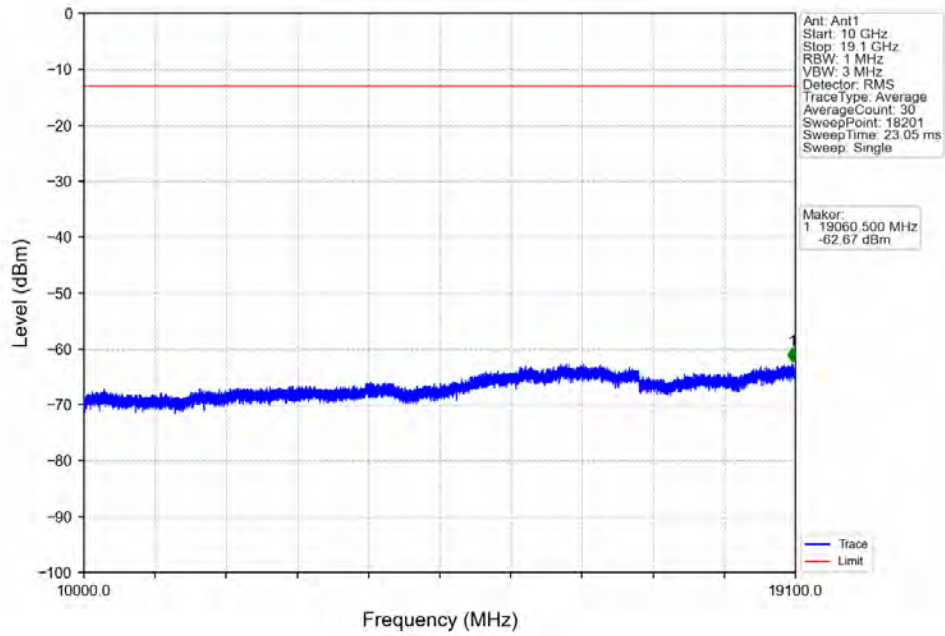
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTV



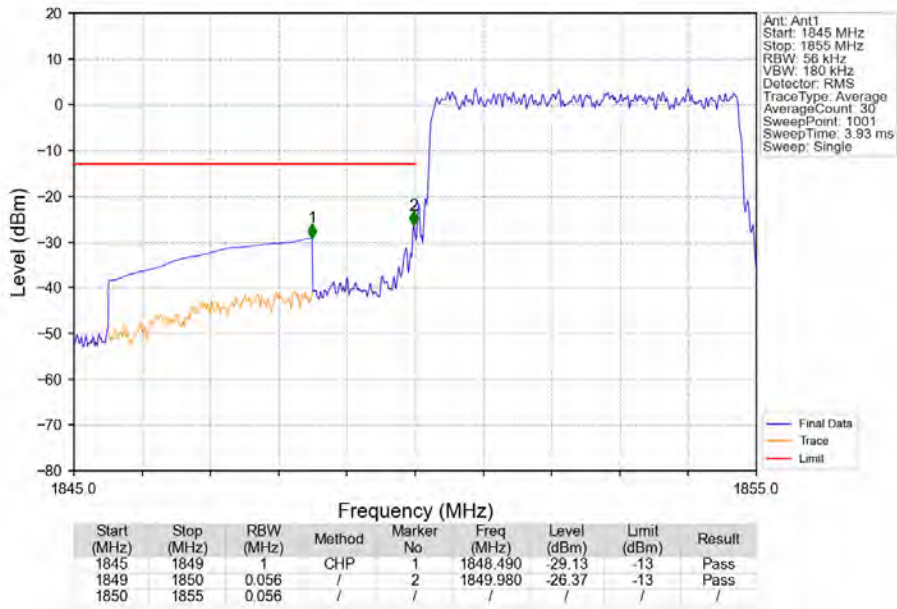
### 6.2.3 B2\_5MHz



Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

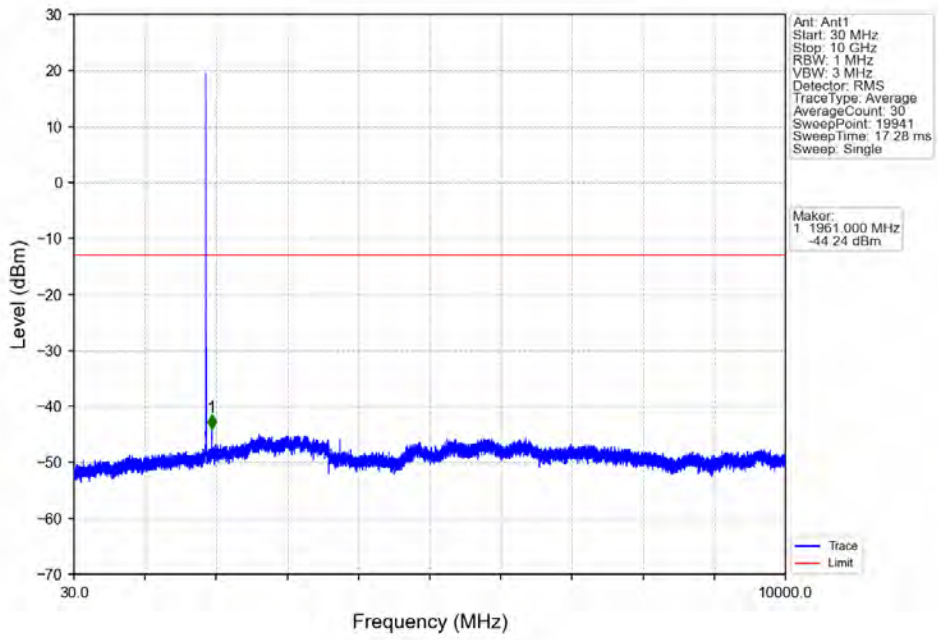


Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

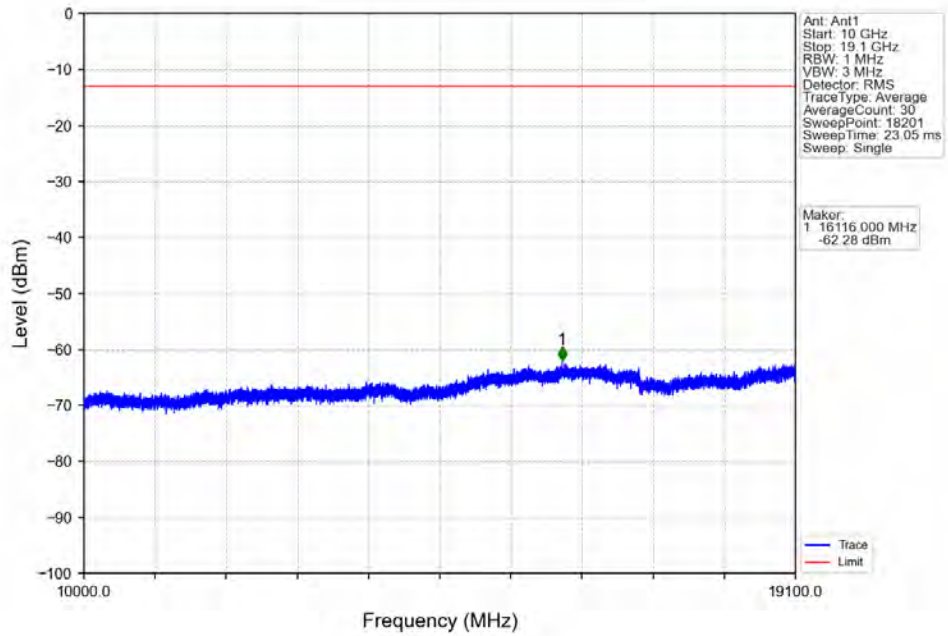




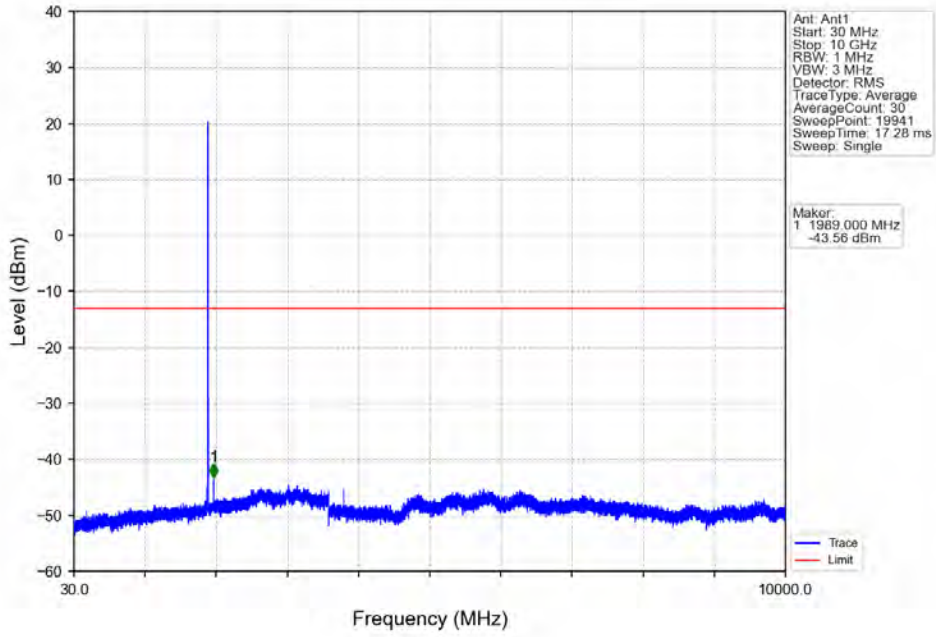
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



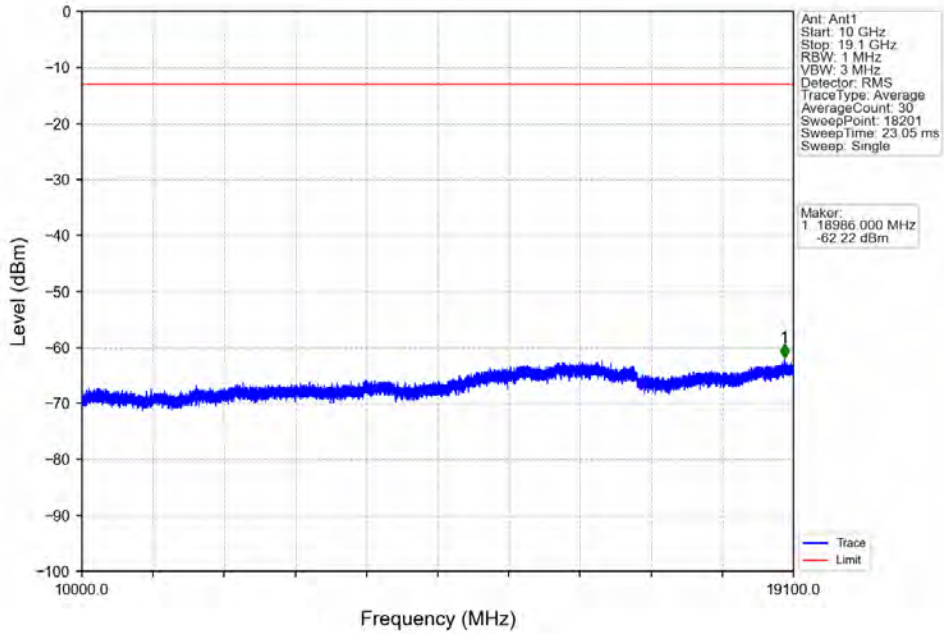
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

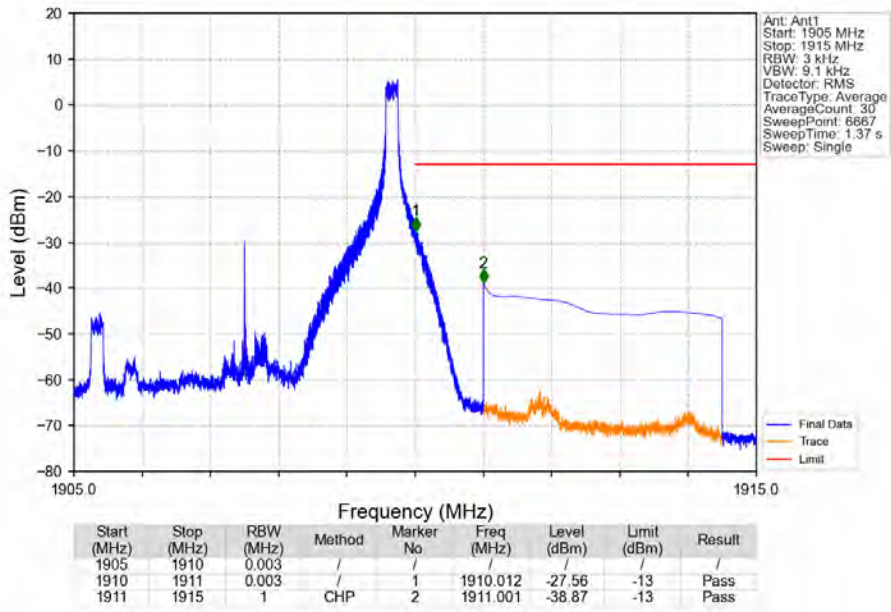


Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

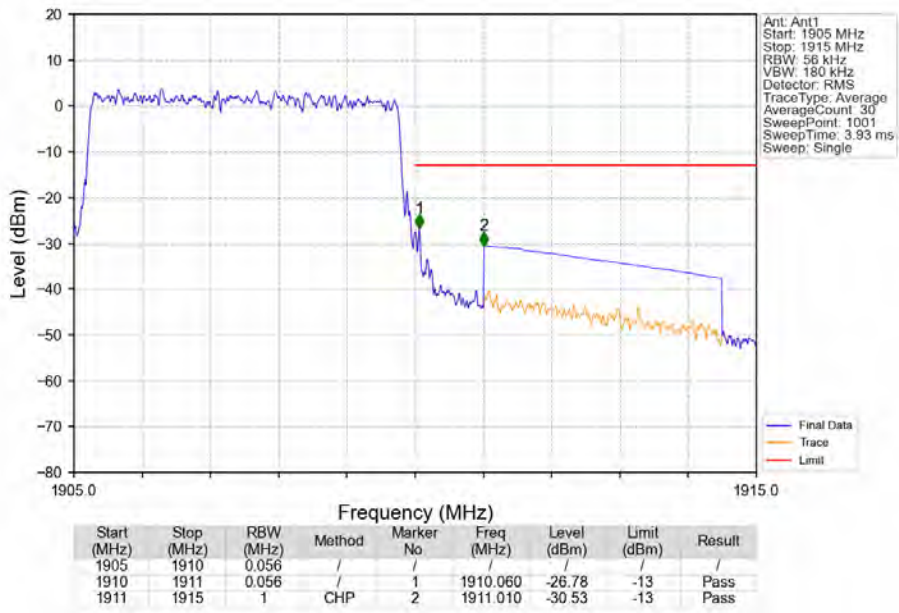




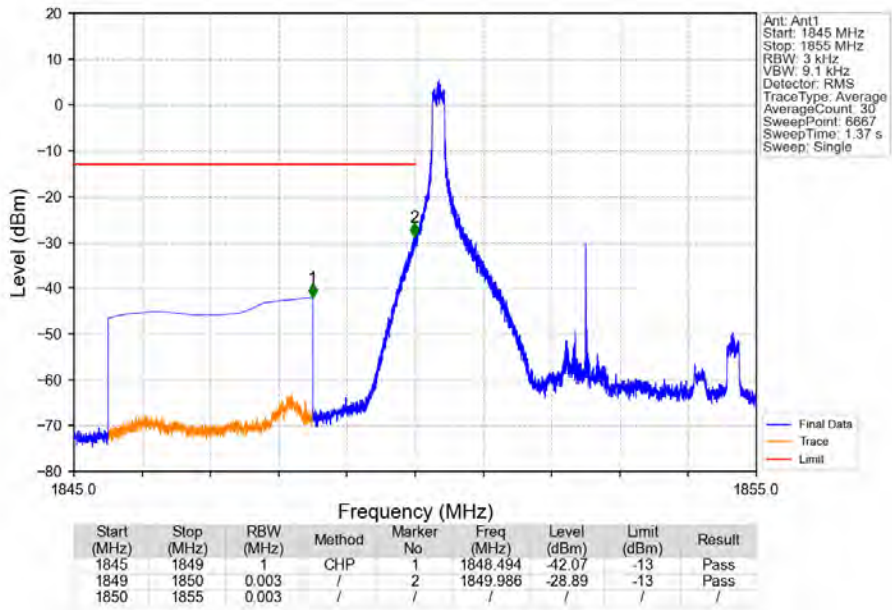
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



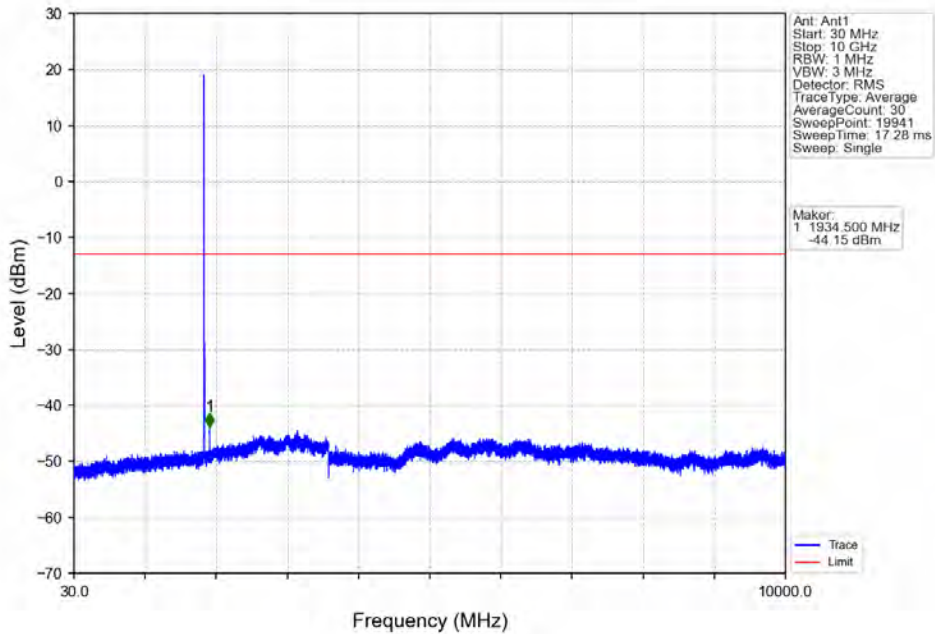
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



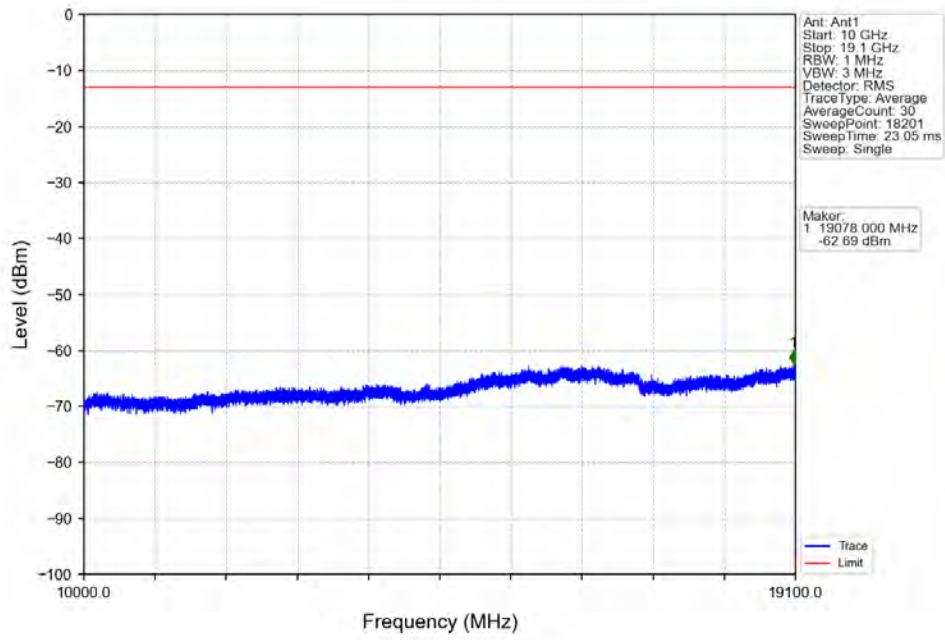
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



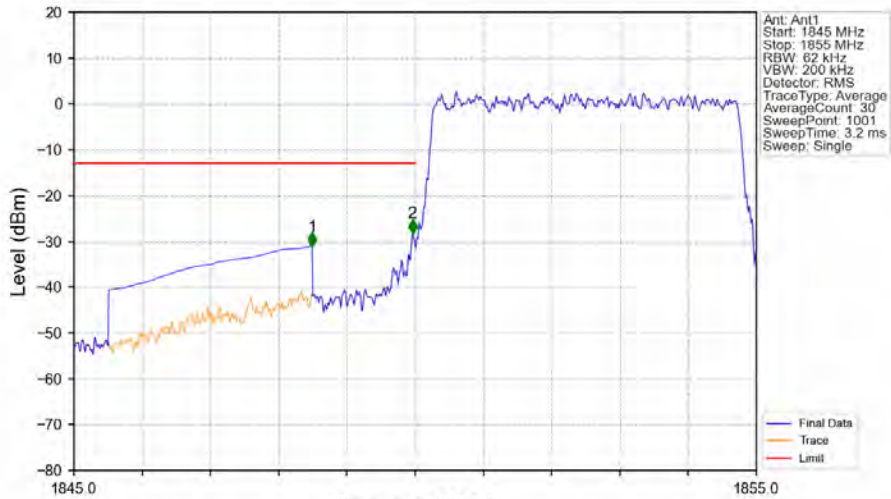
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

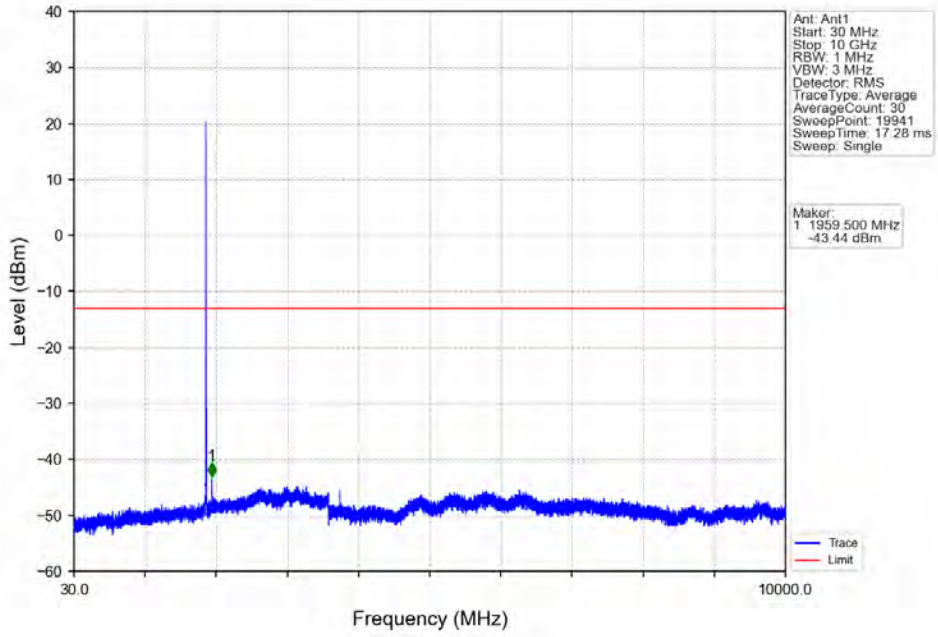


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

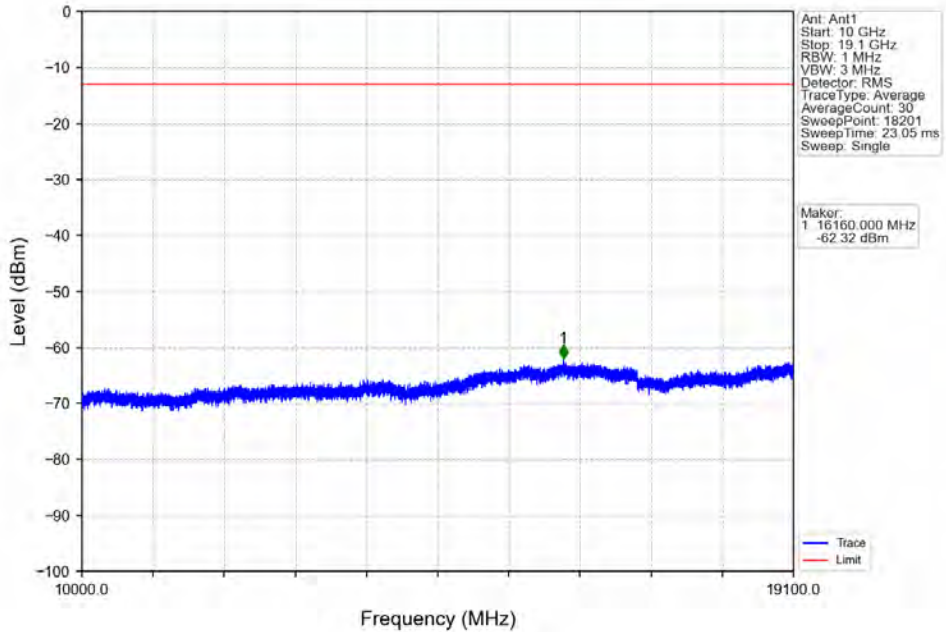


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-31.09	-13	Pass
1849	1850	0.062	/	2	1849.960	-28.24	-13	Pass
1850	1855	0.062	/	/	/	/	/	/

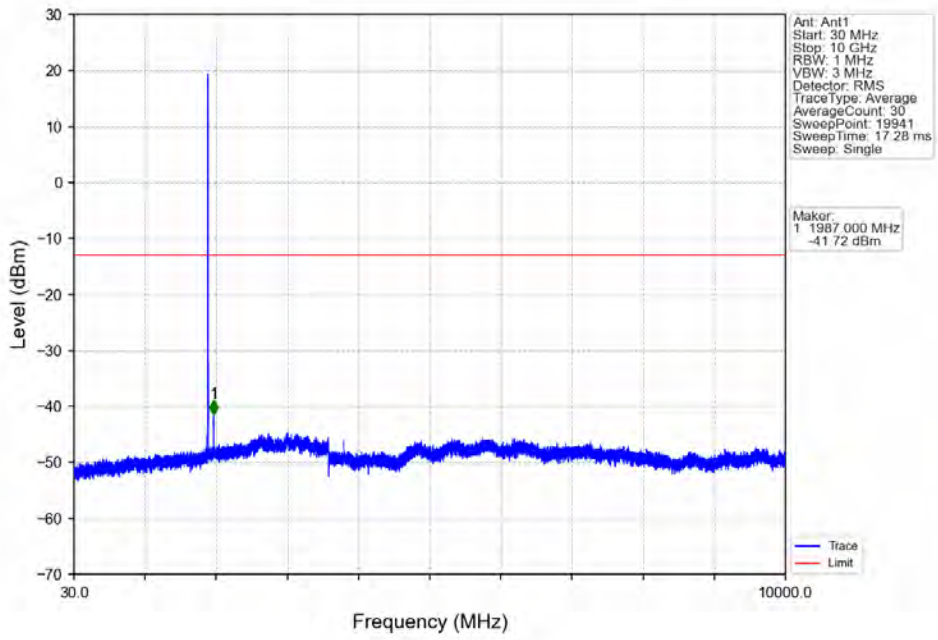
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



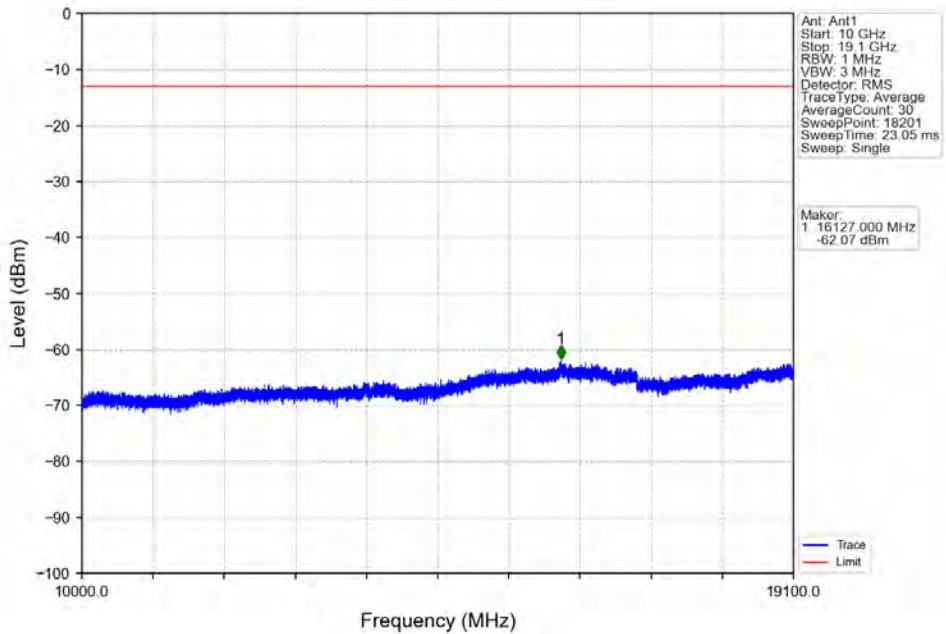
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

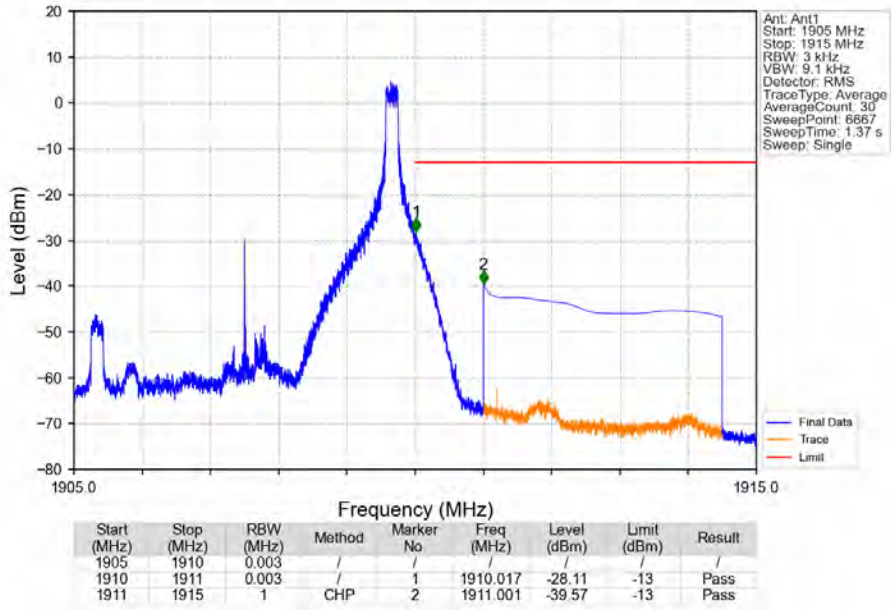


Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV

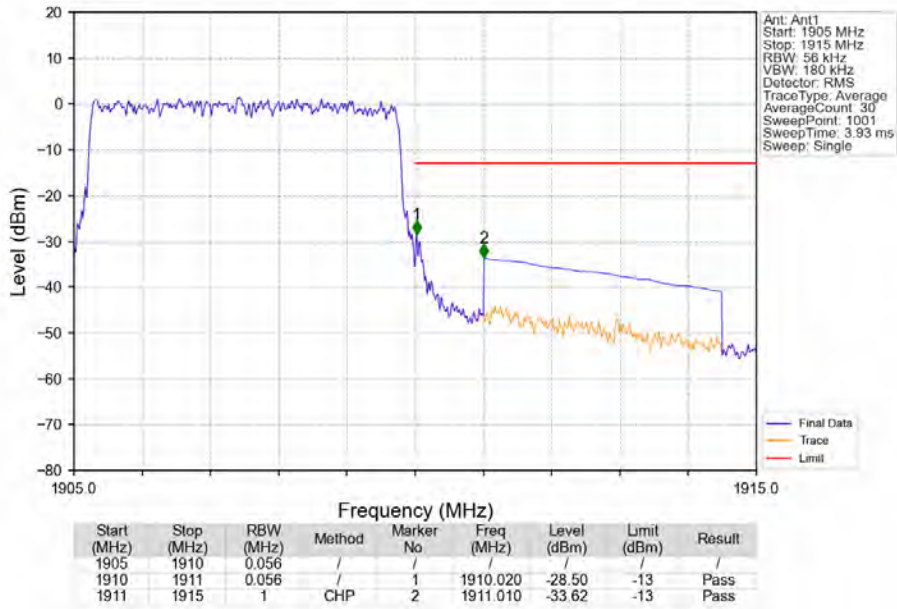




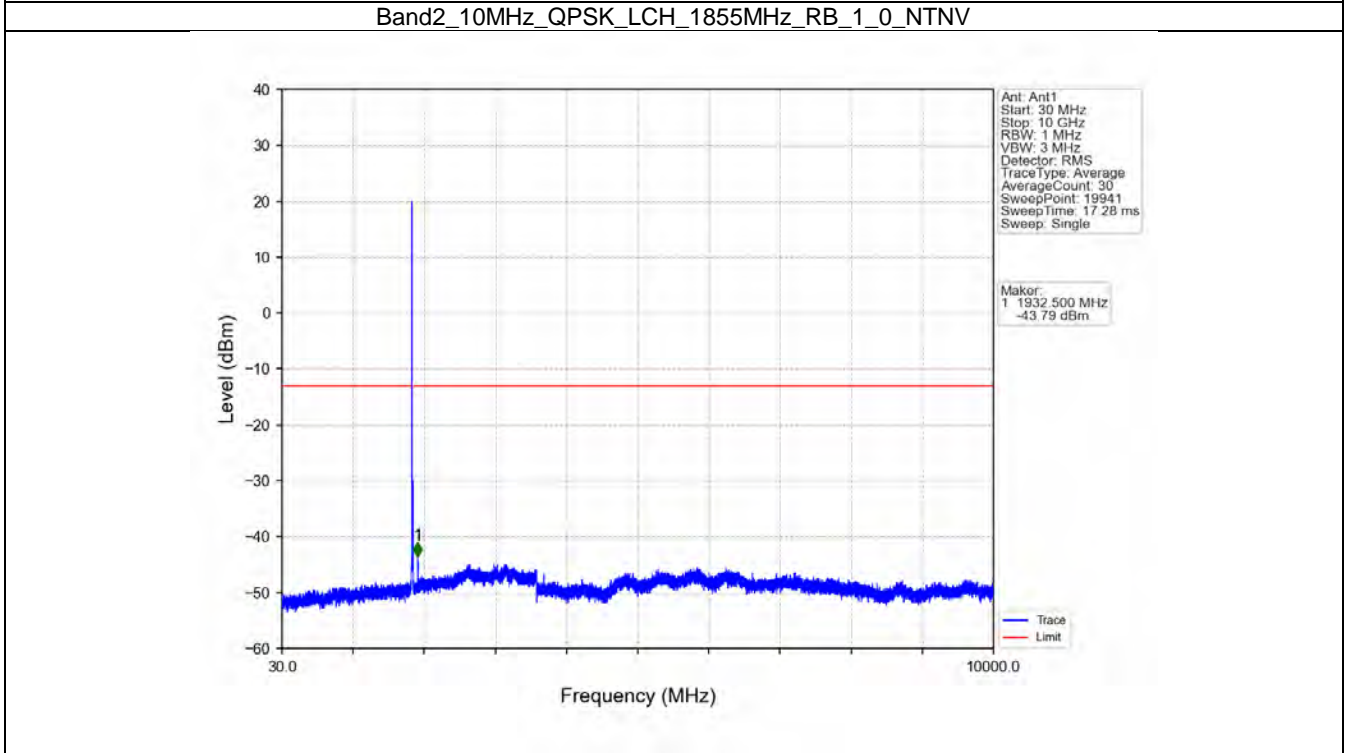
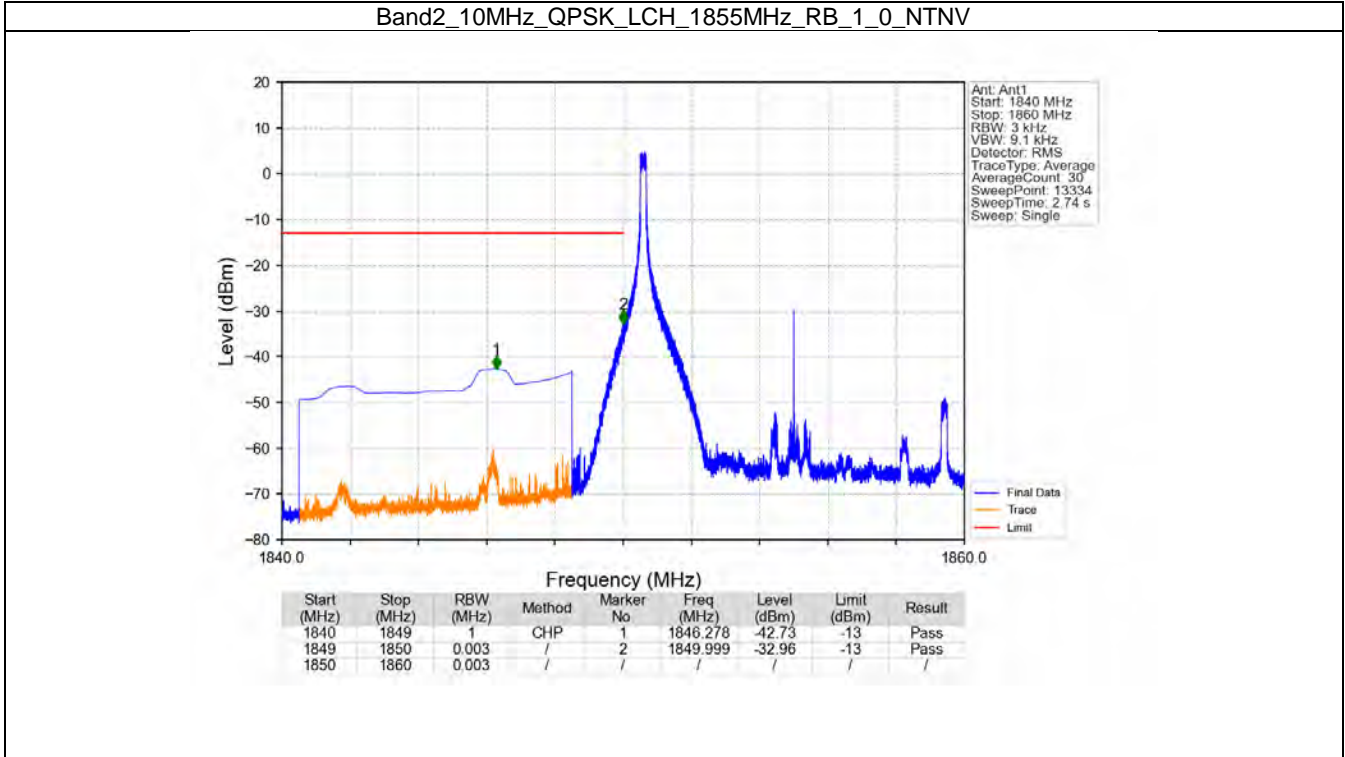
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_24\_NTV



Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTV

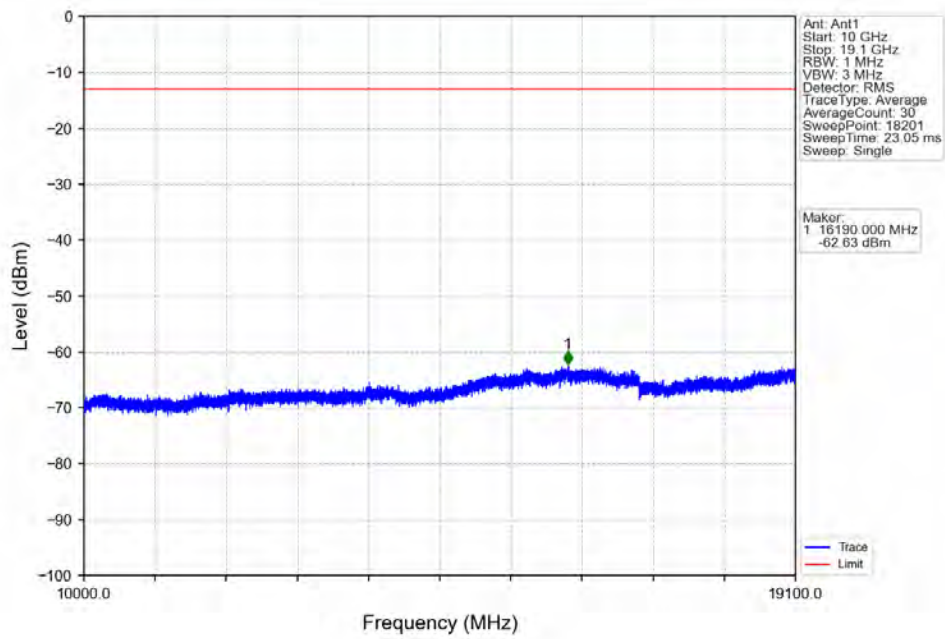


### 6.2.4 B2\_10MHz

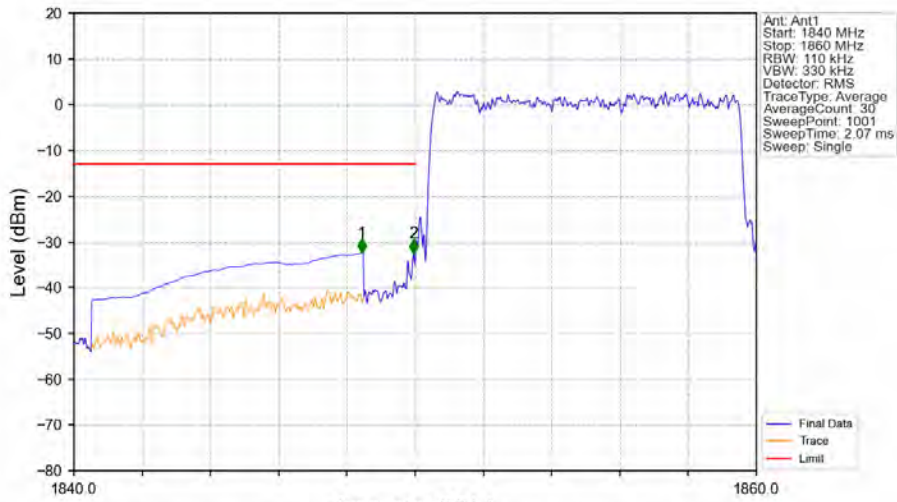




Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV

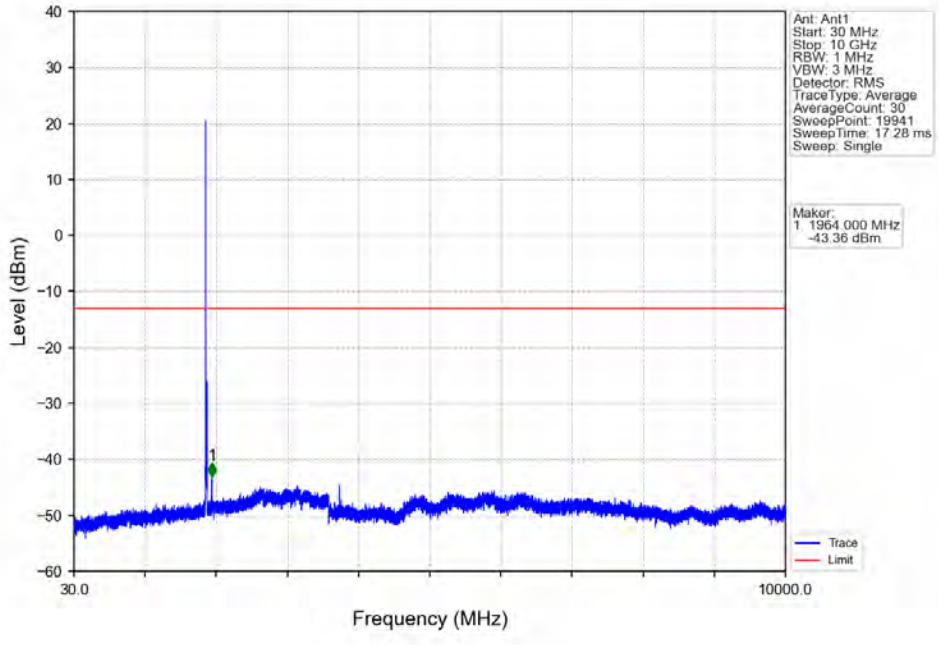


Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

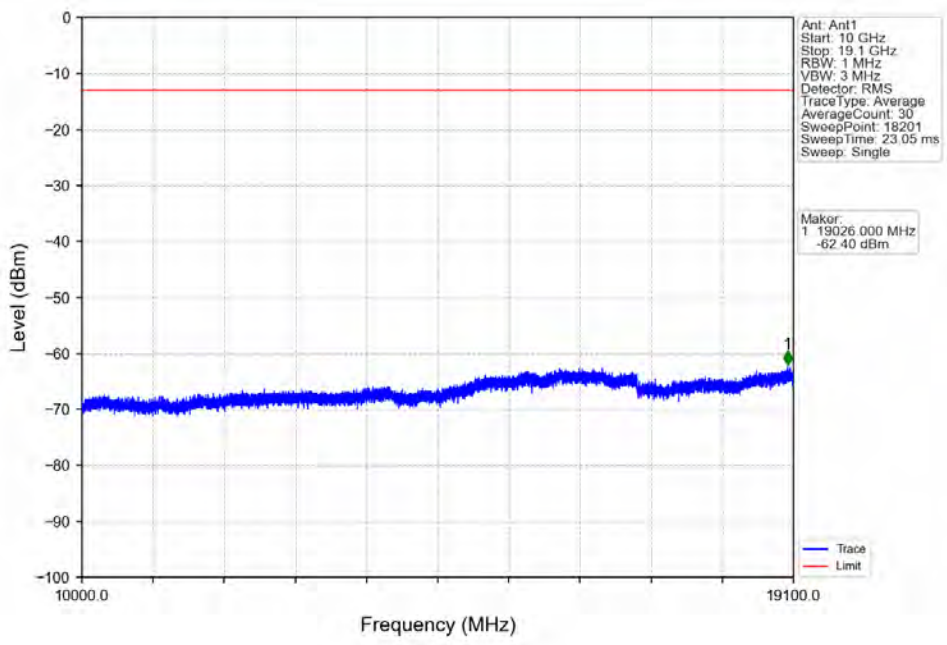


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.440	-32.42	-13	Pass
1849	1850	0.11	/	2	1849.960	-32.47	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

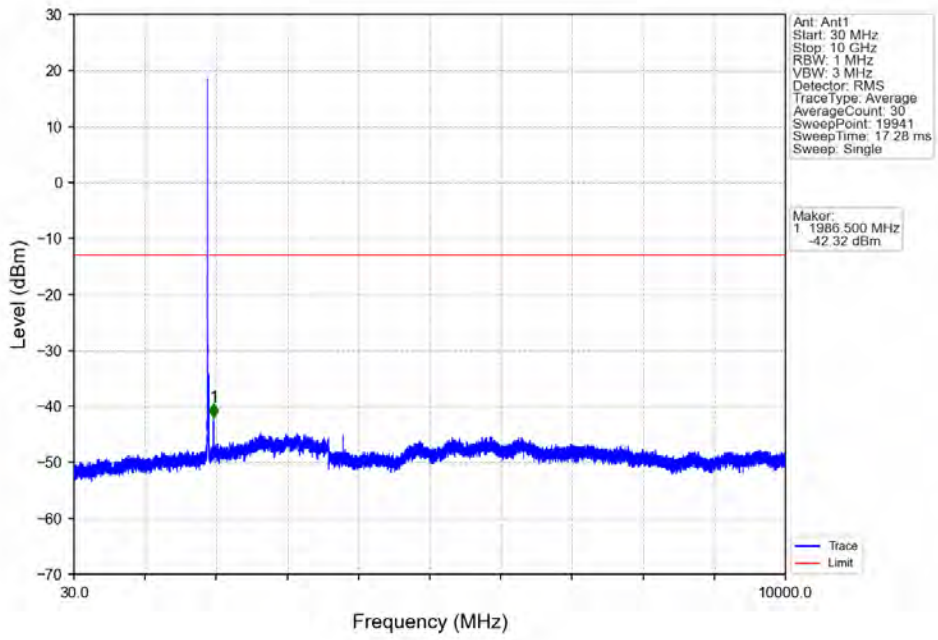
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



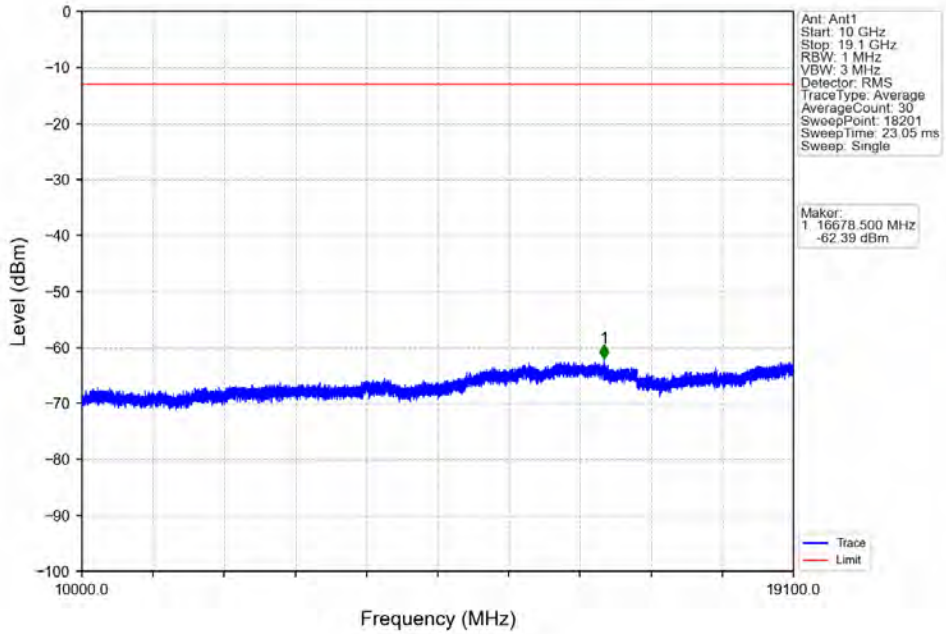
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



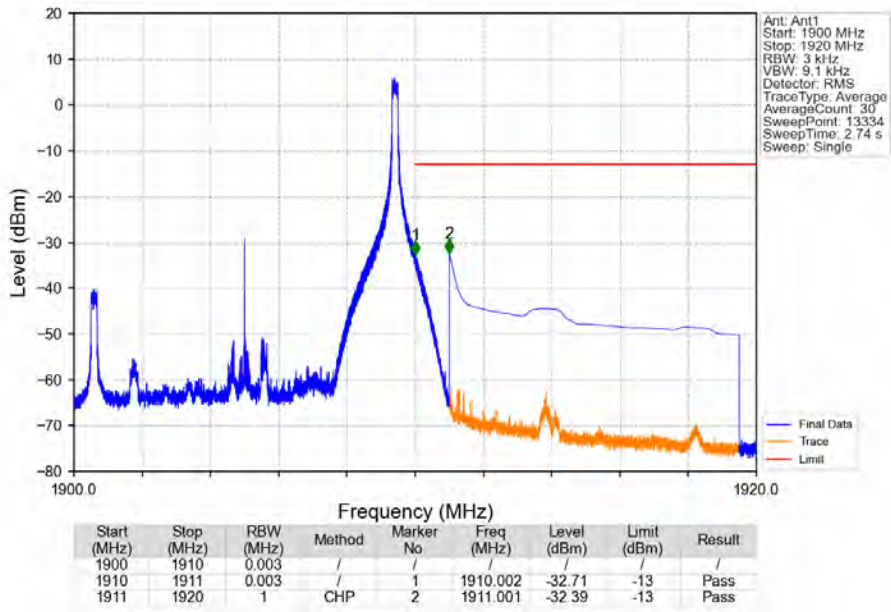
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



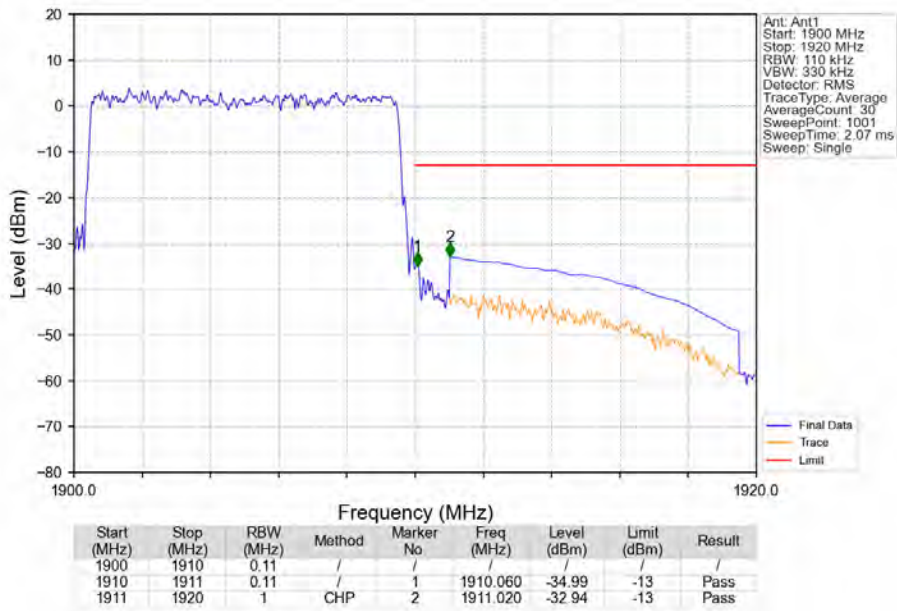
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



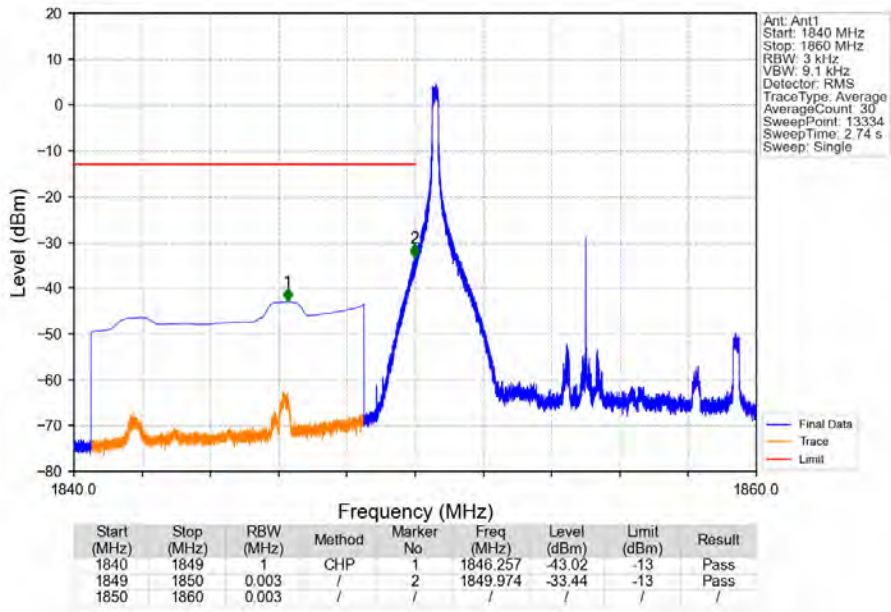
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_49\_NTNV



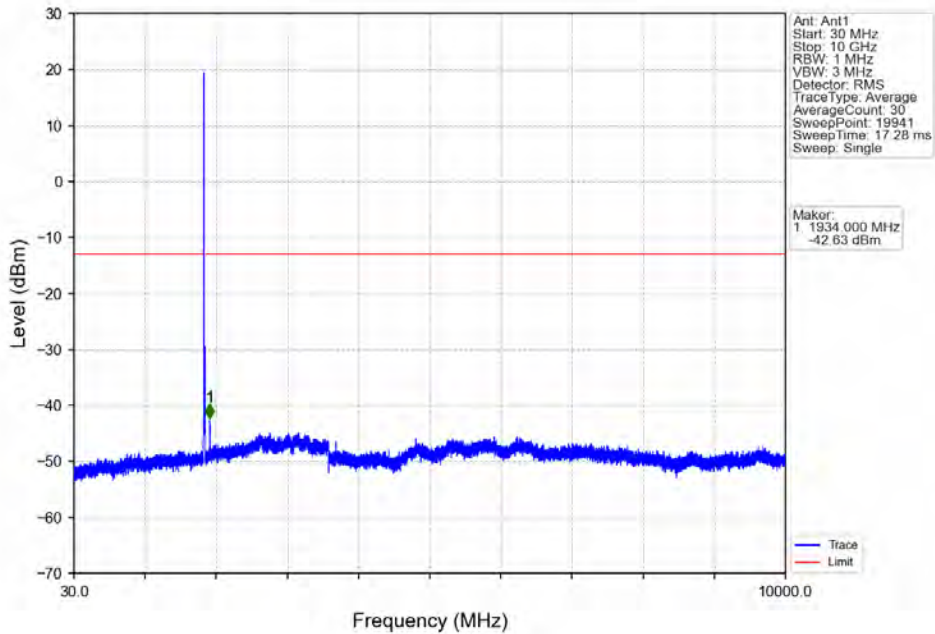
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

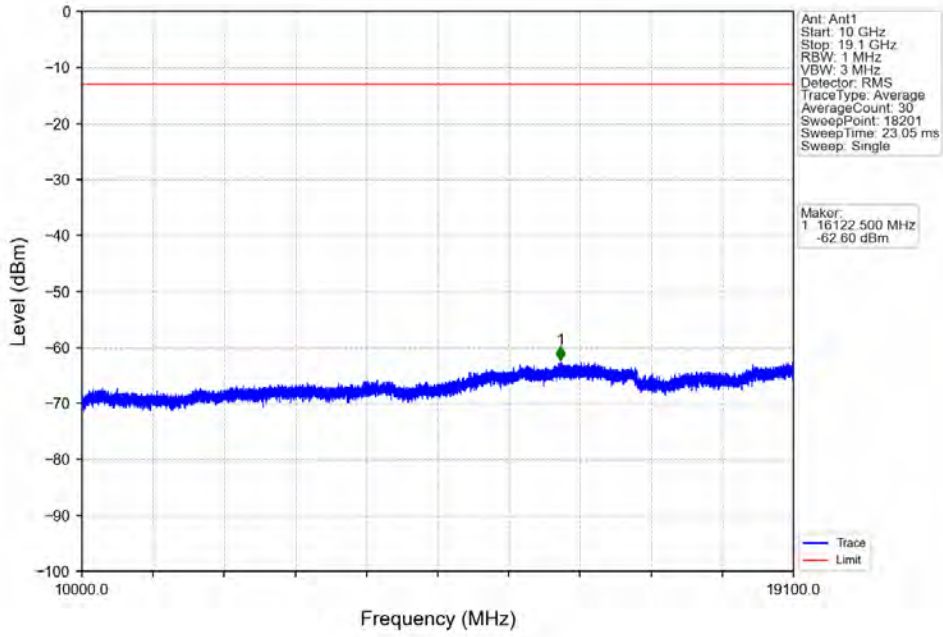


Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

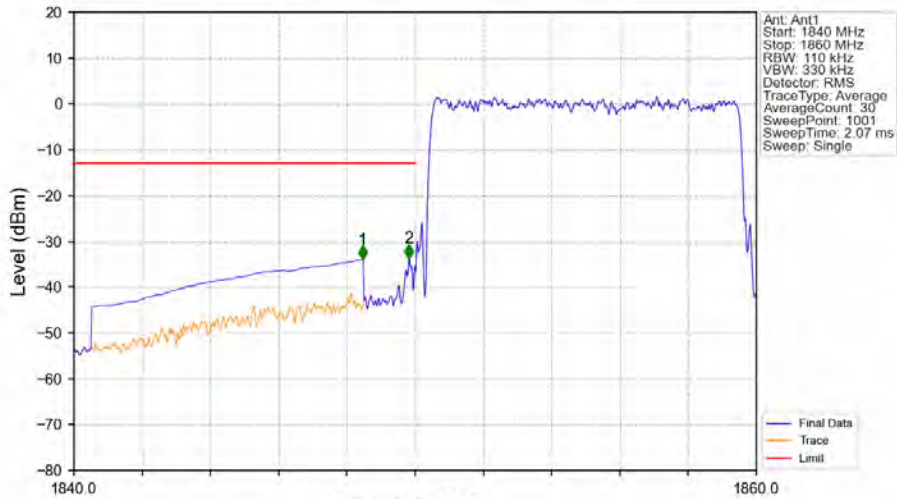




Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV

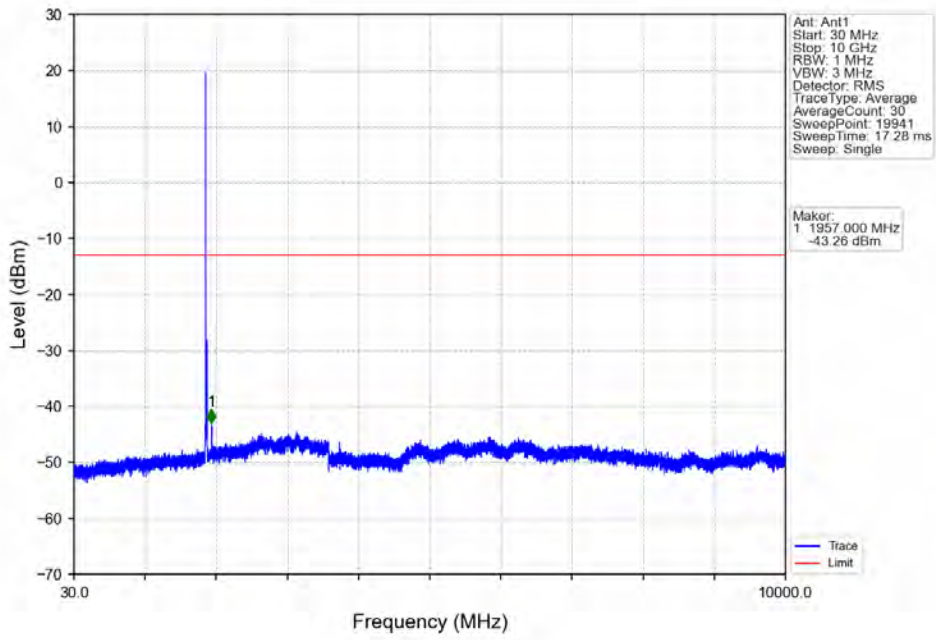


Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

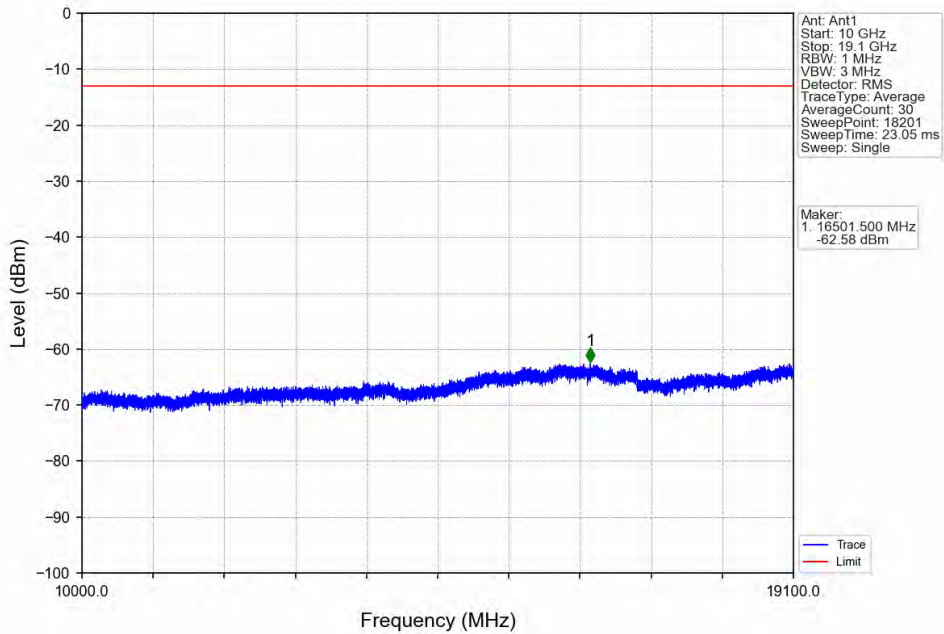


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.460	-34.03	-13	Pass
1849	1850	0.11	/	2	1849.820	-33.72	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV

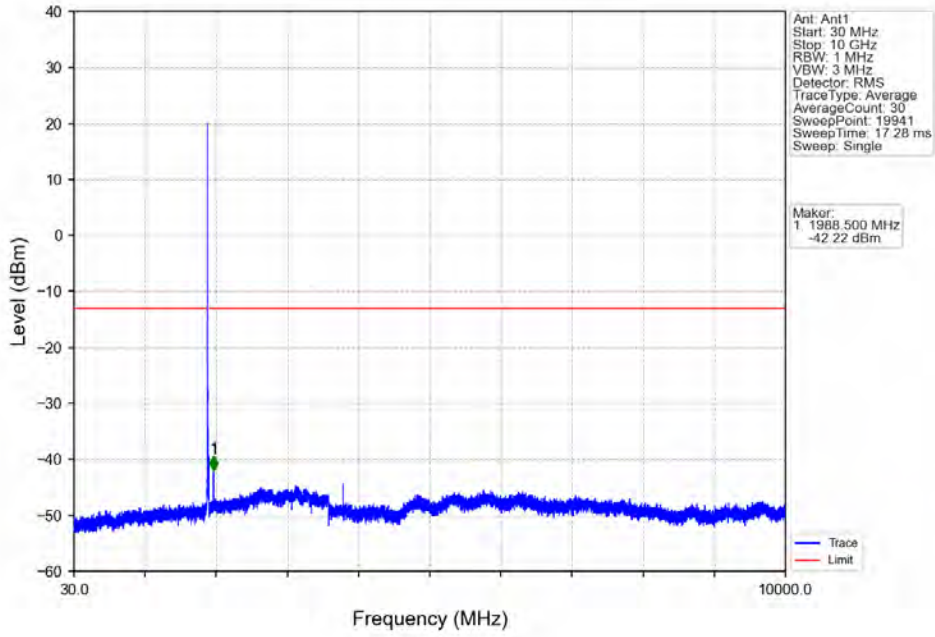


Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV

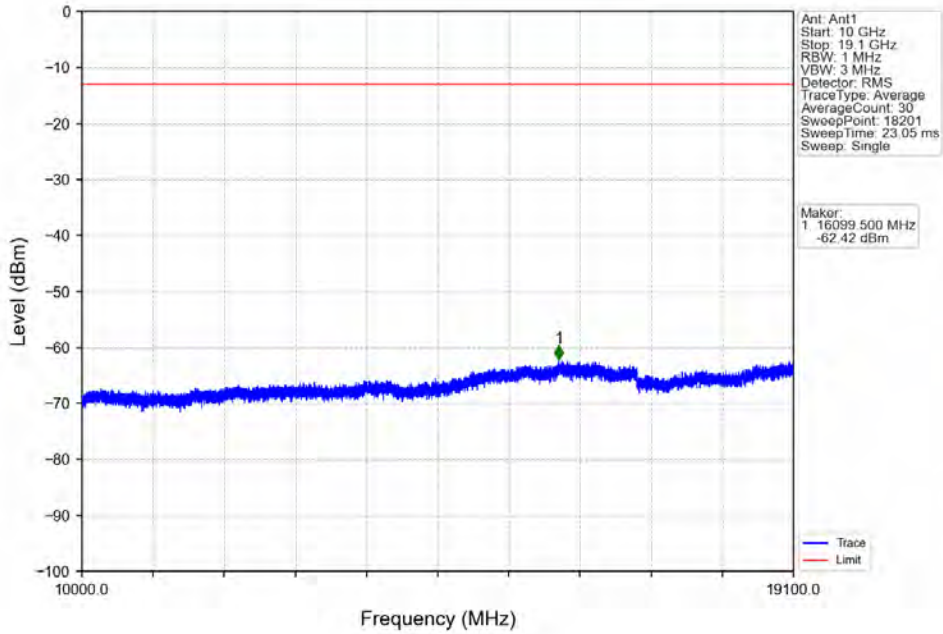




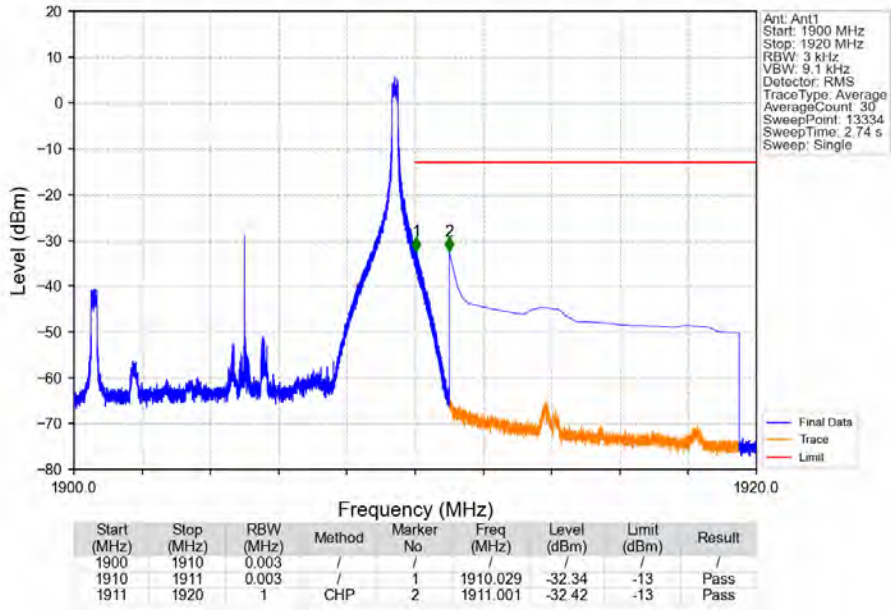
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



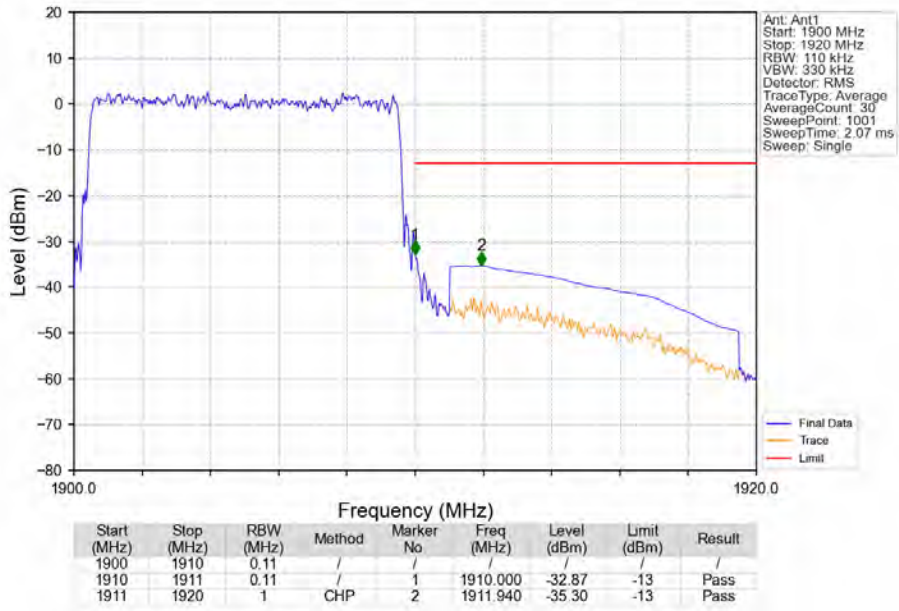
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV



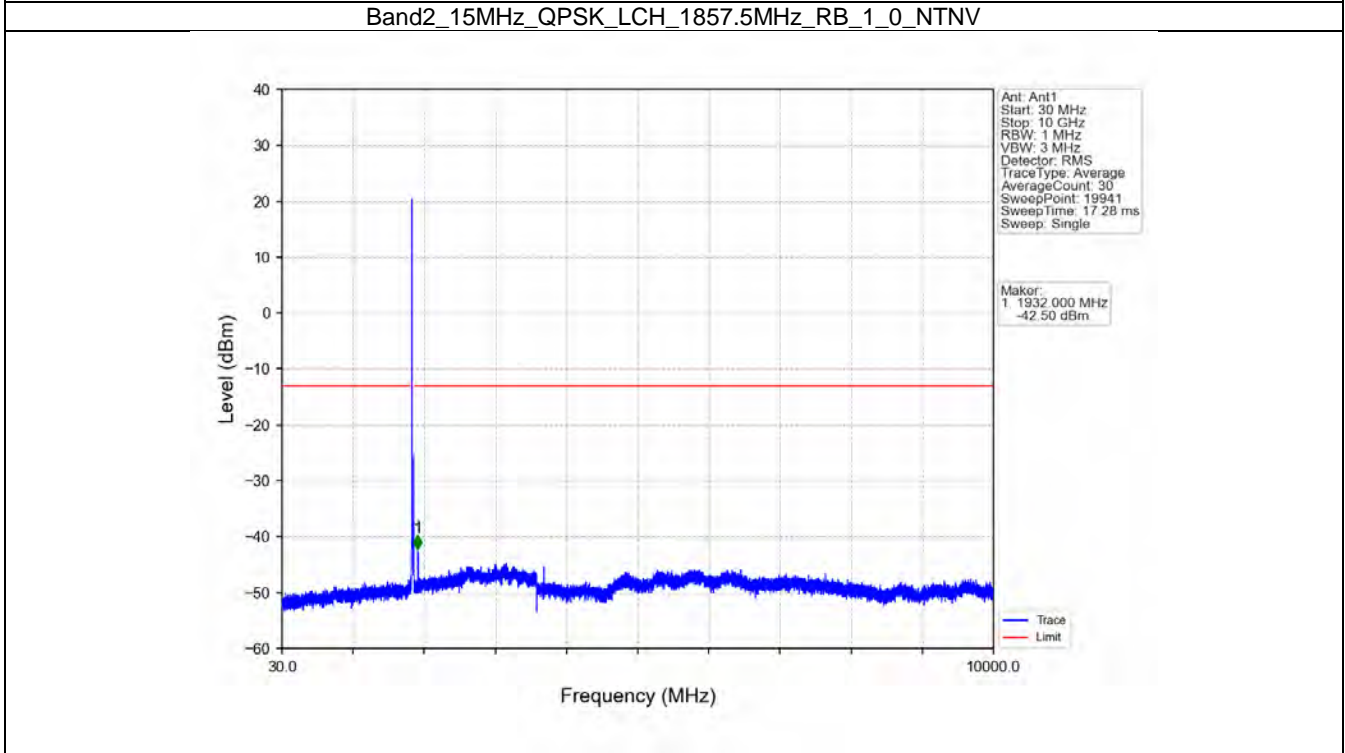
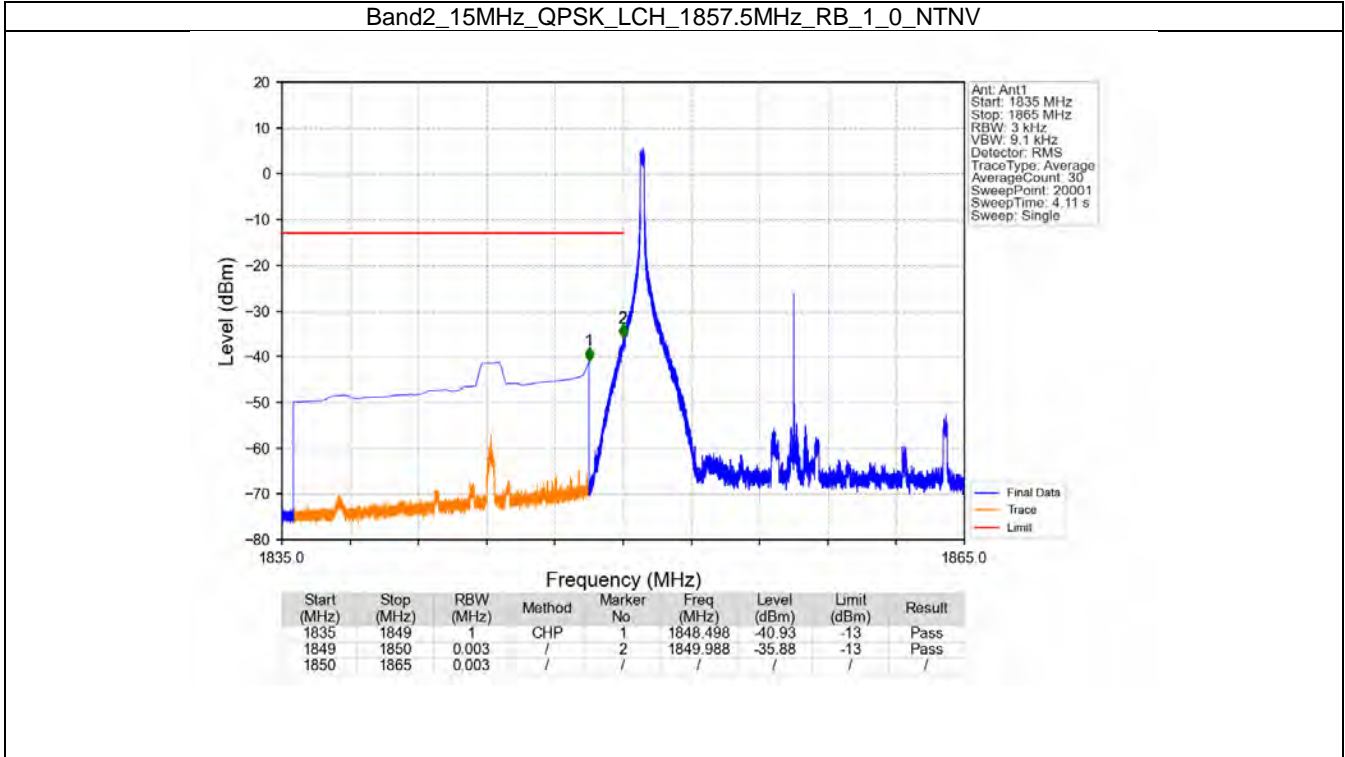
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_49\_NTNV



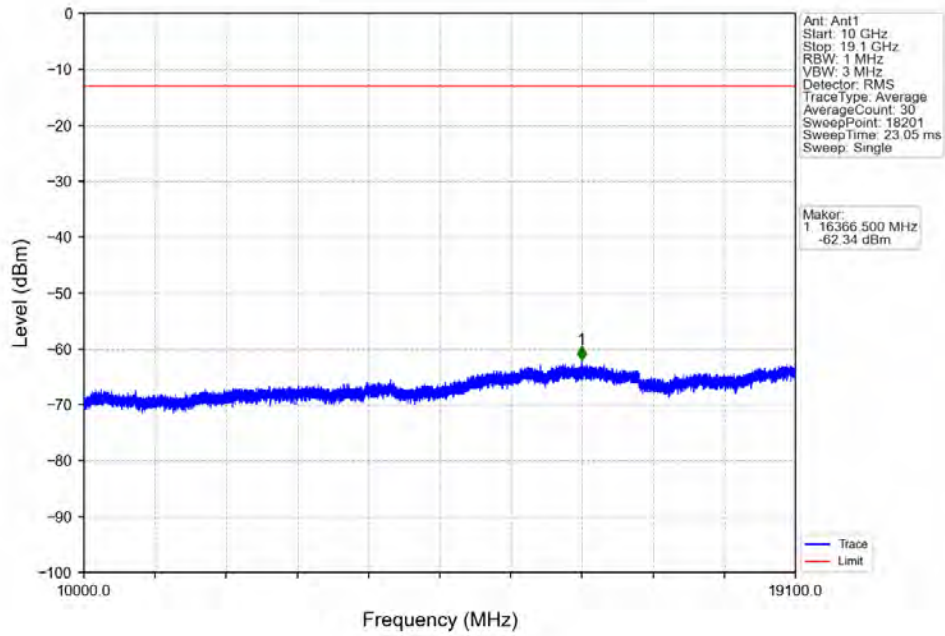
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



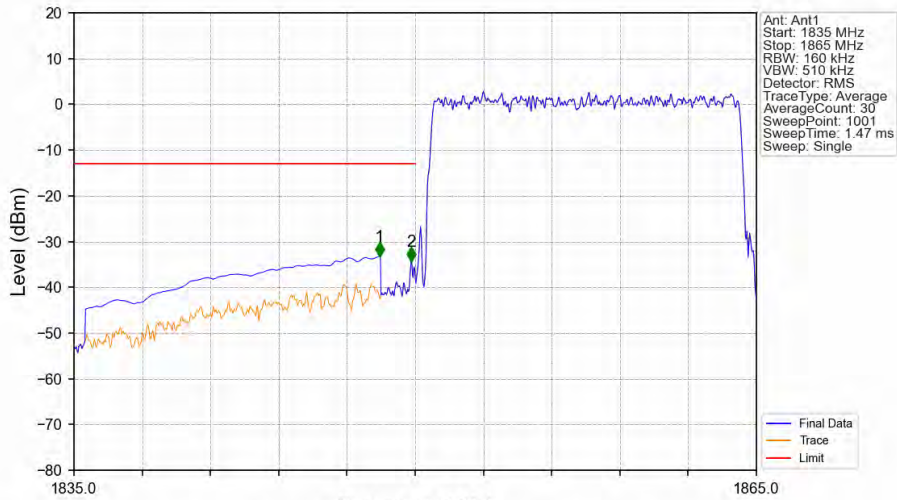
### 6.2.5 B2\_15MHz



Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

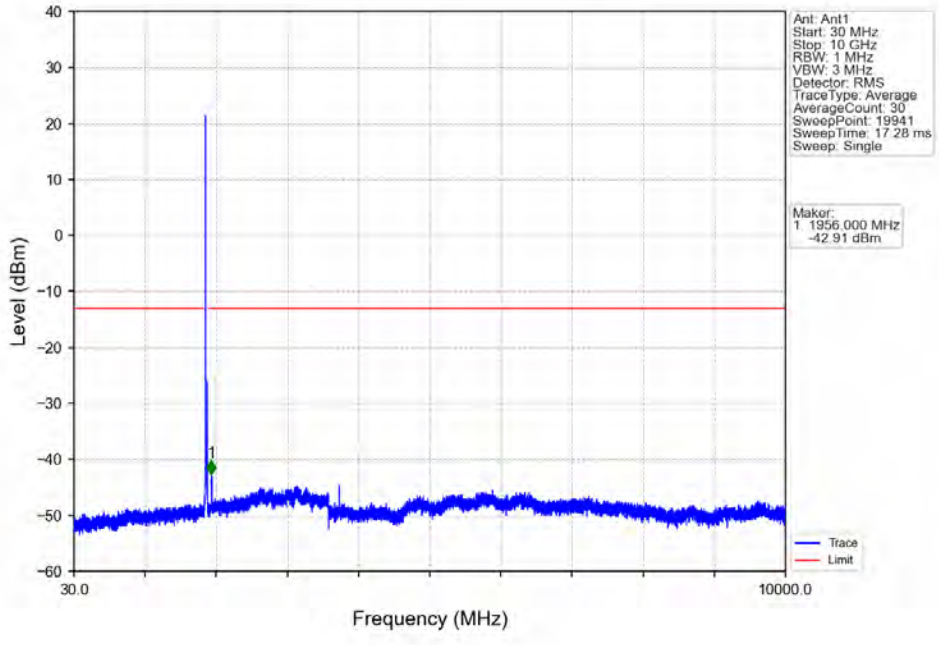


Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

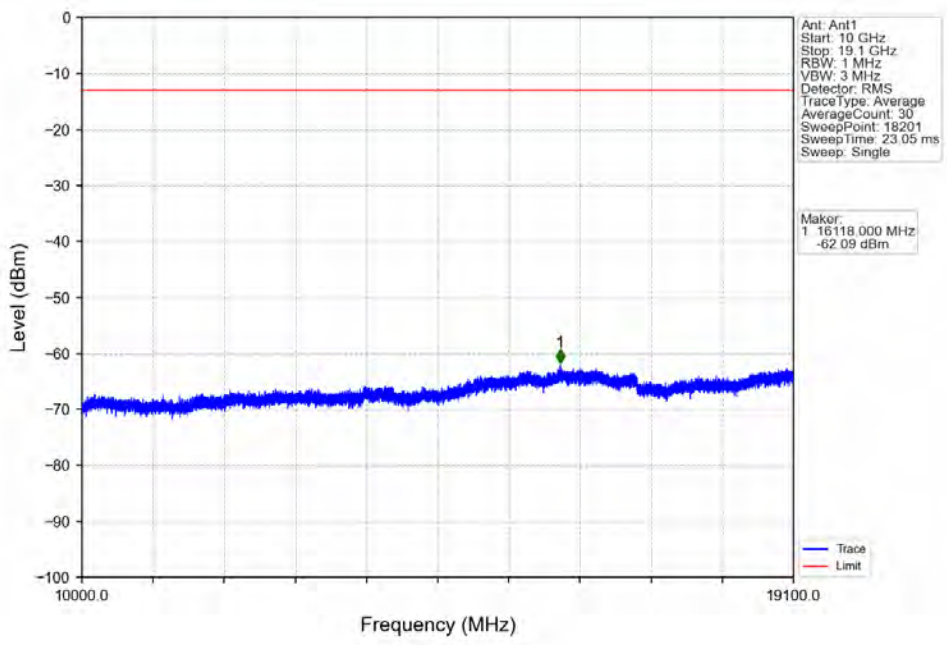


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.440	-33.25	-13	Pass
1849	1850	0.16	/	2	1849.820	-34.27	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV

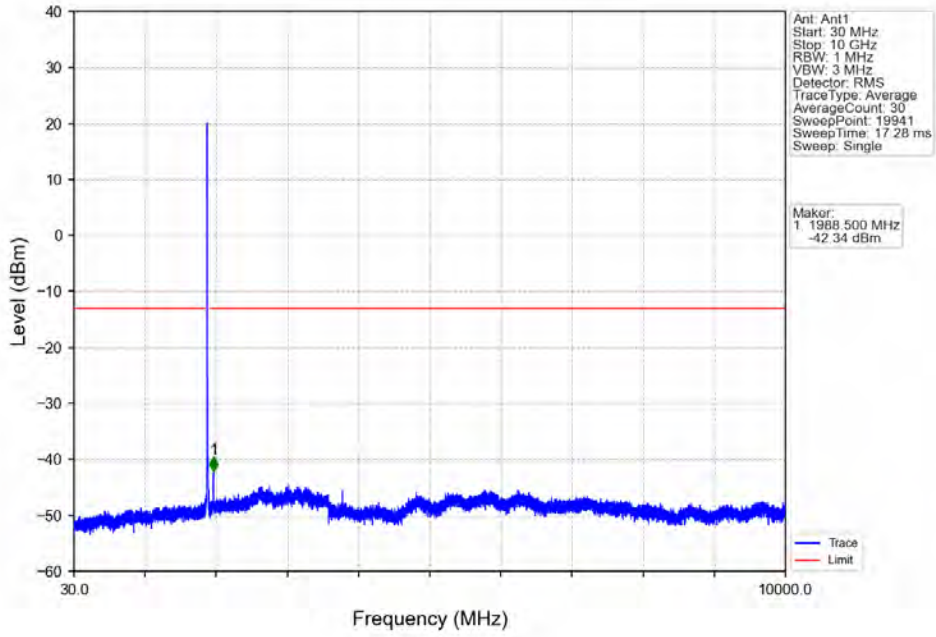


Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV

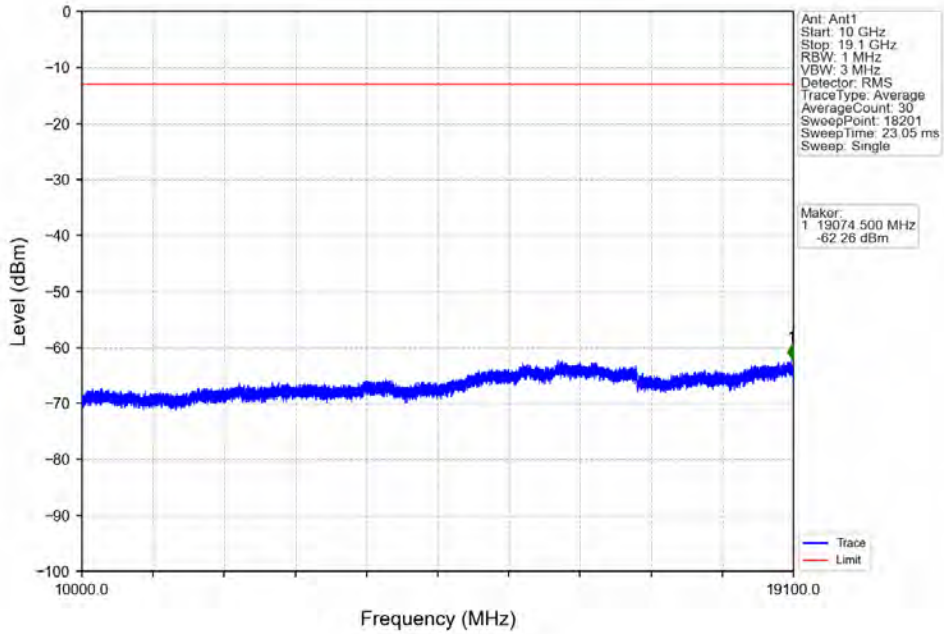




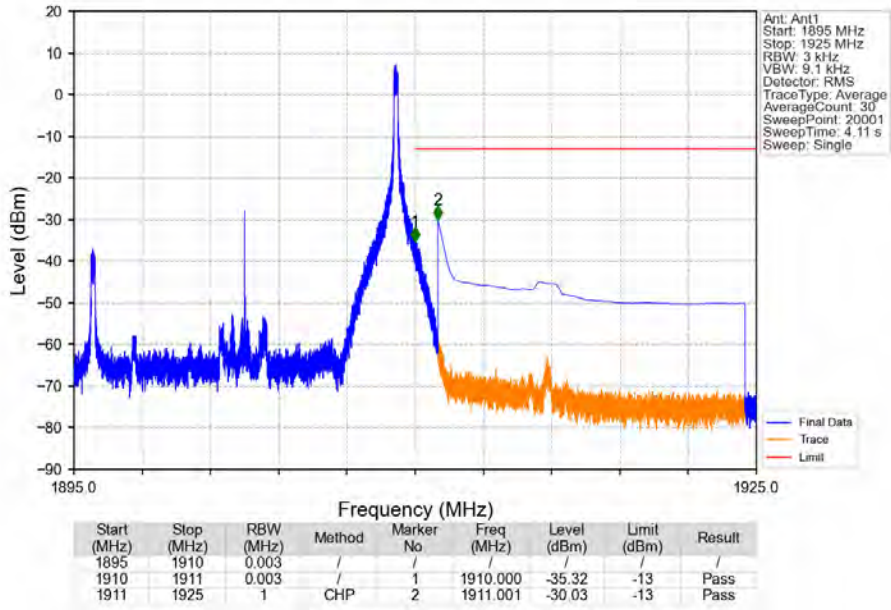
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



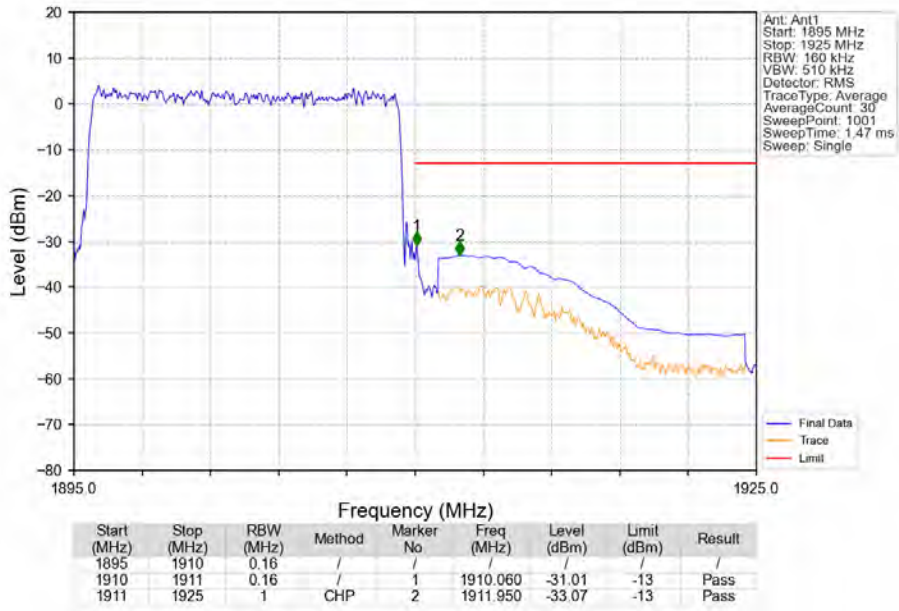
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_74\_NTV

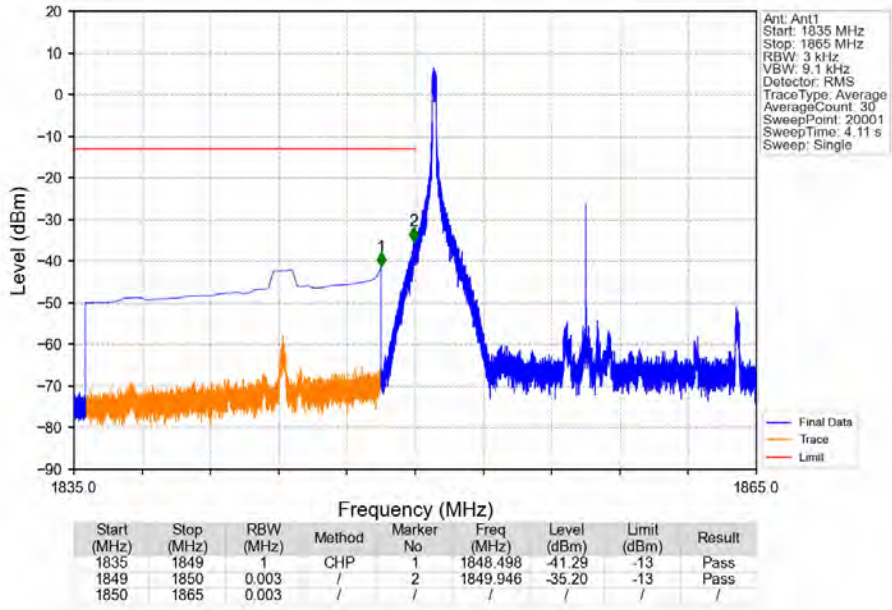


Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTV

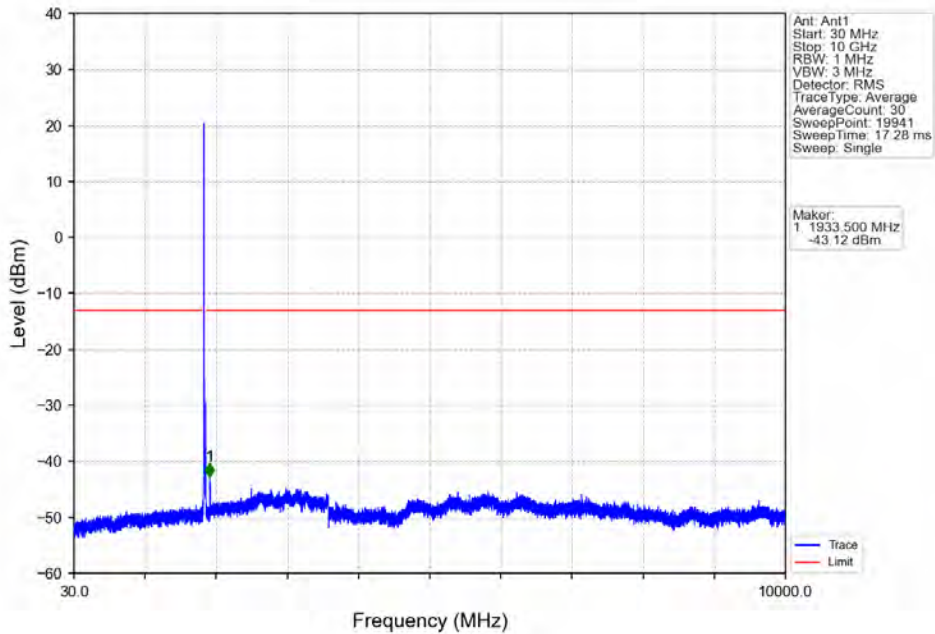




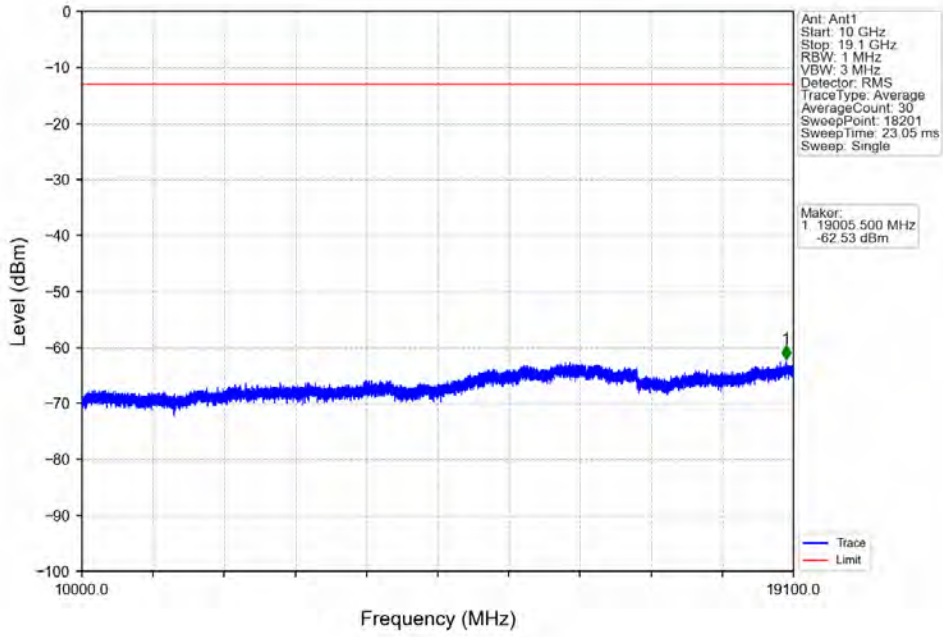
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



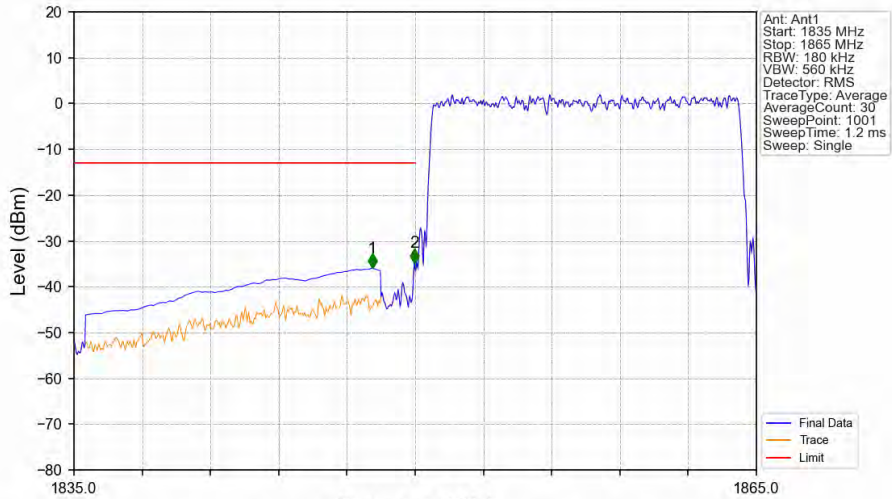
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV

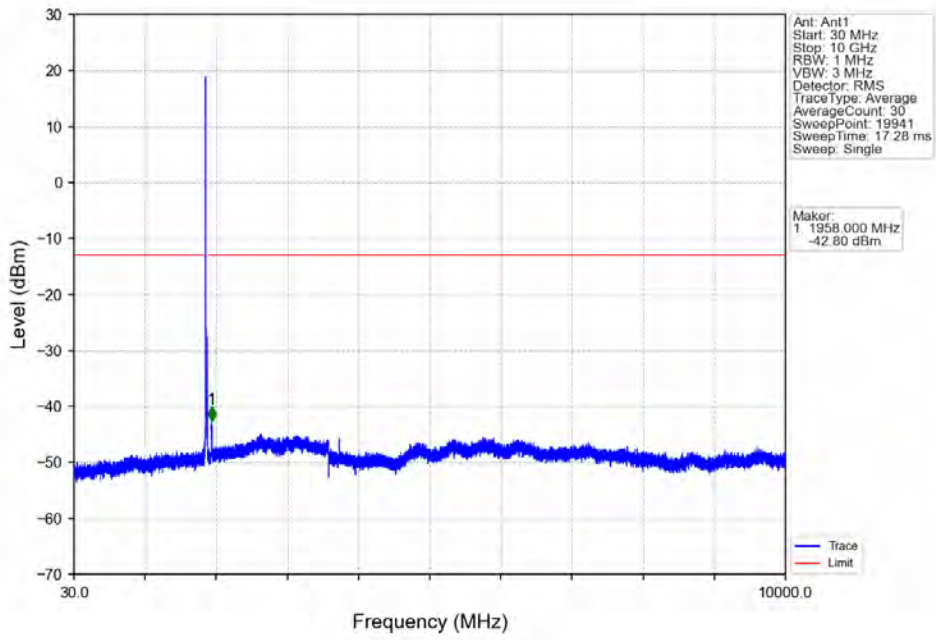


Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

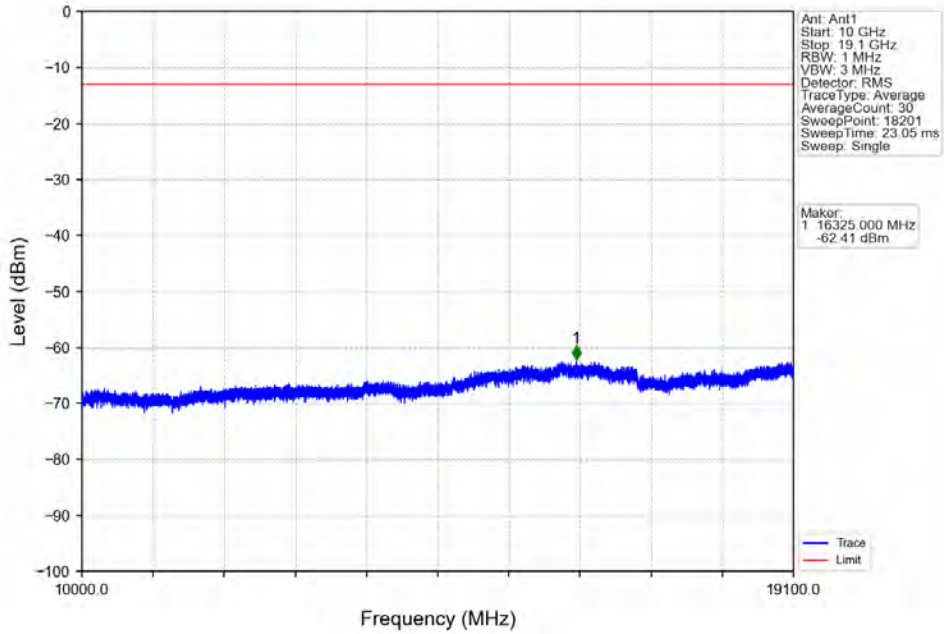


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.110	-35.98	-13	Pass
1849	1850	0.18	/	2	1849.970	-34.77	-13	Pass
1850	1865	0.18	/	/	/	/	/	/

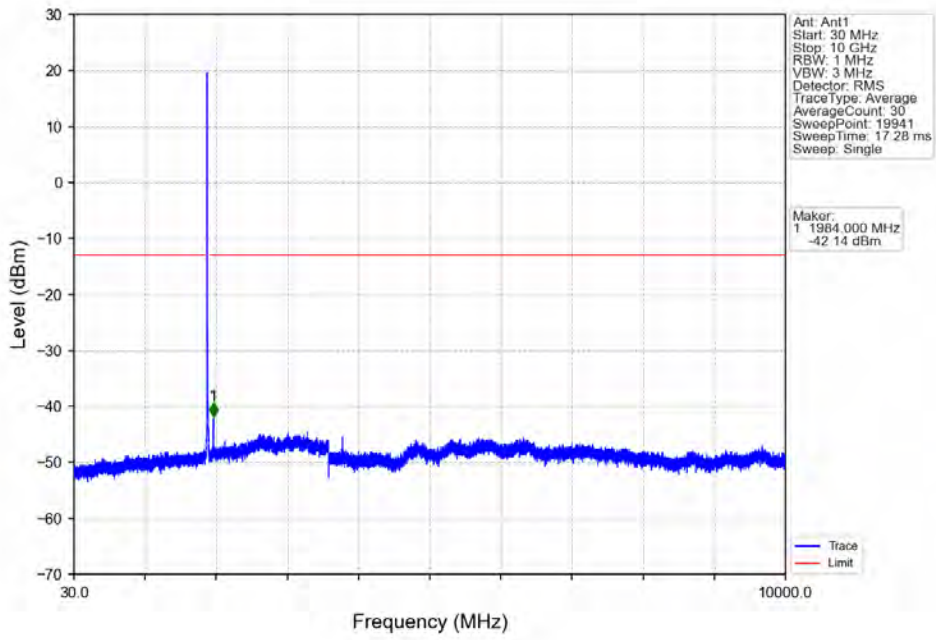
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



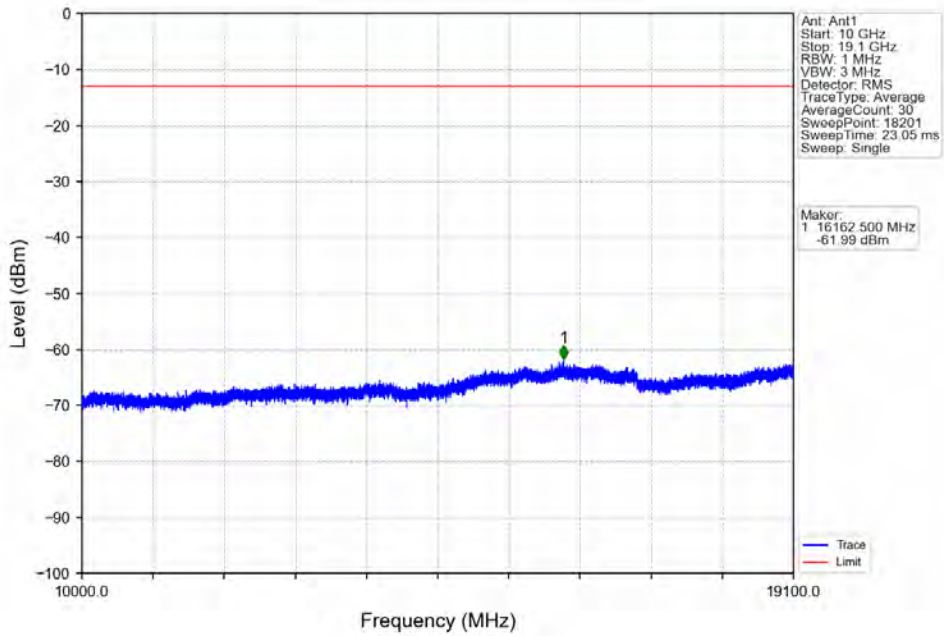
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



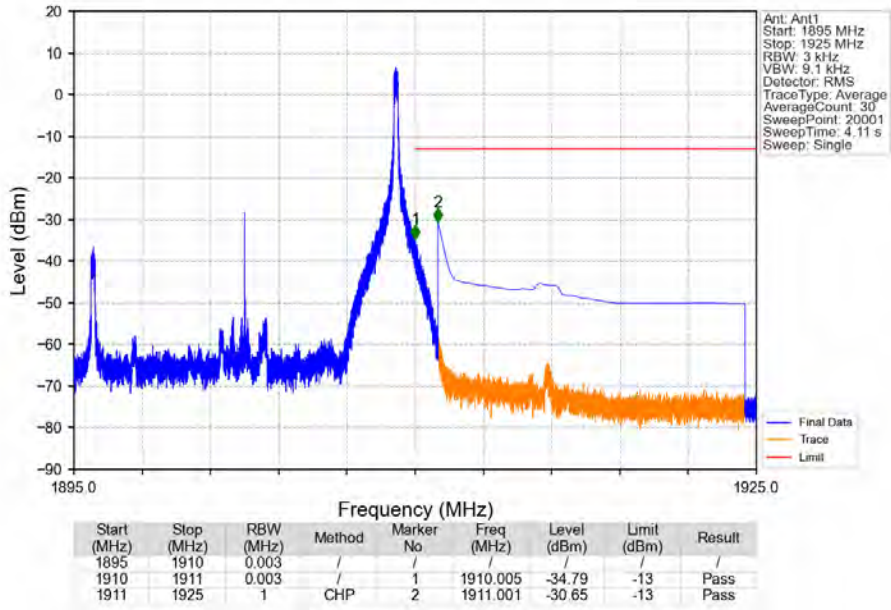
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



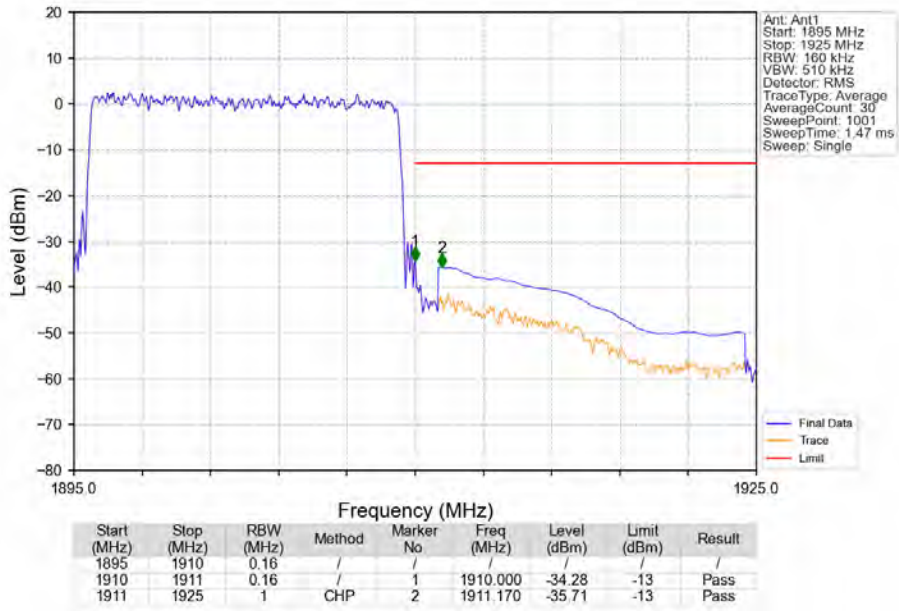
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV

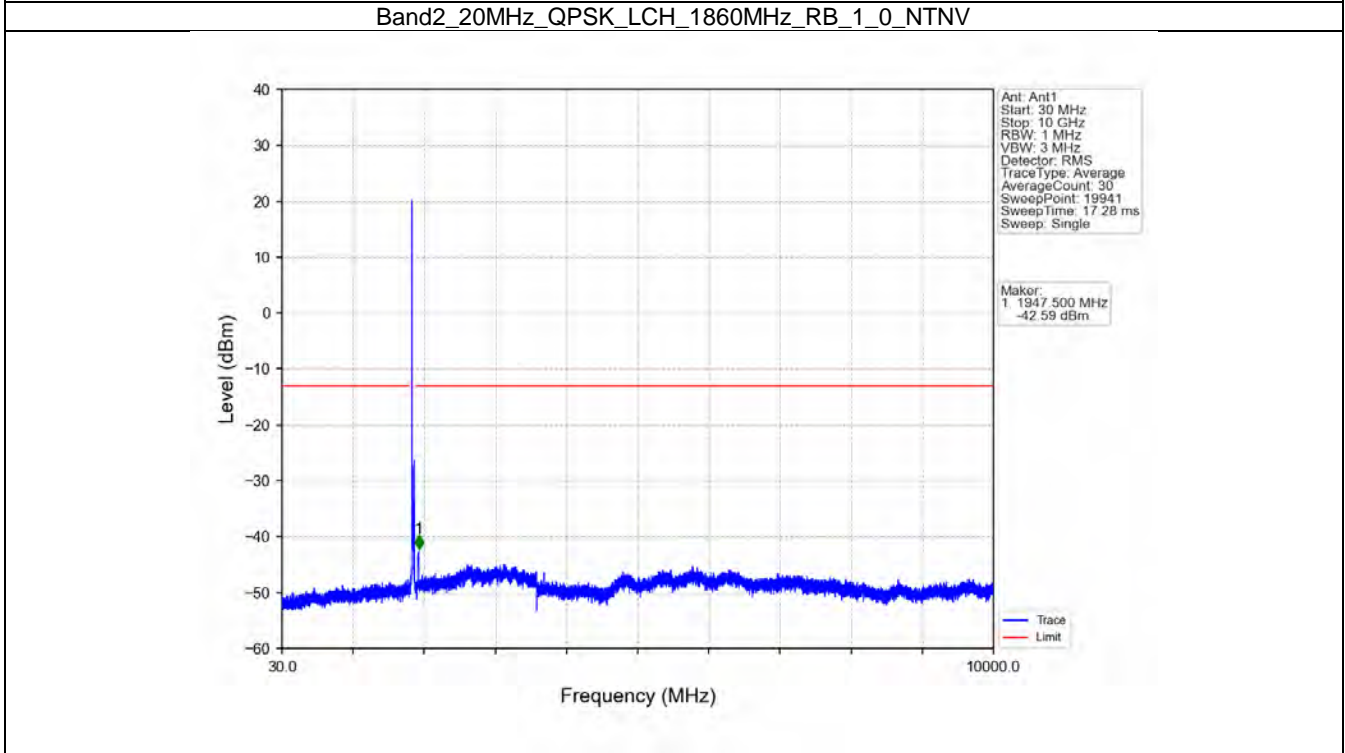
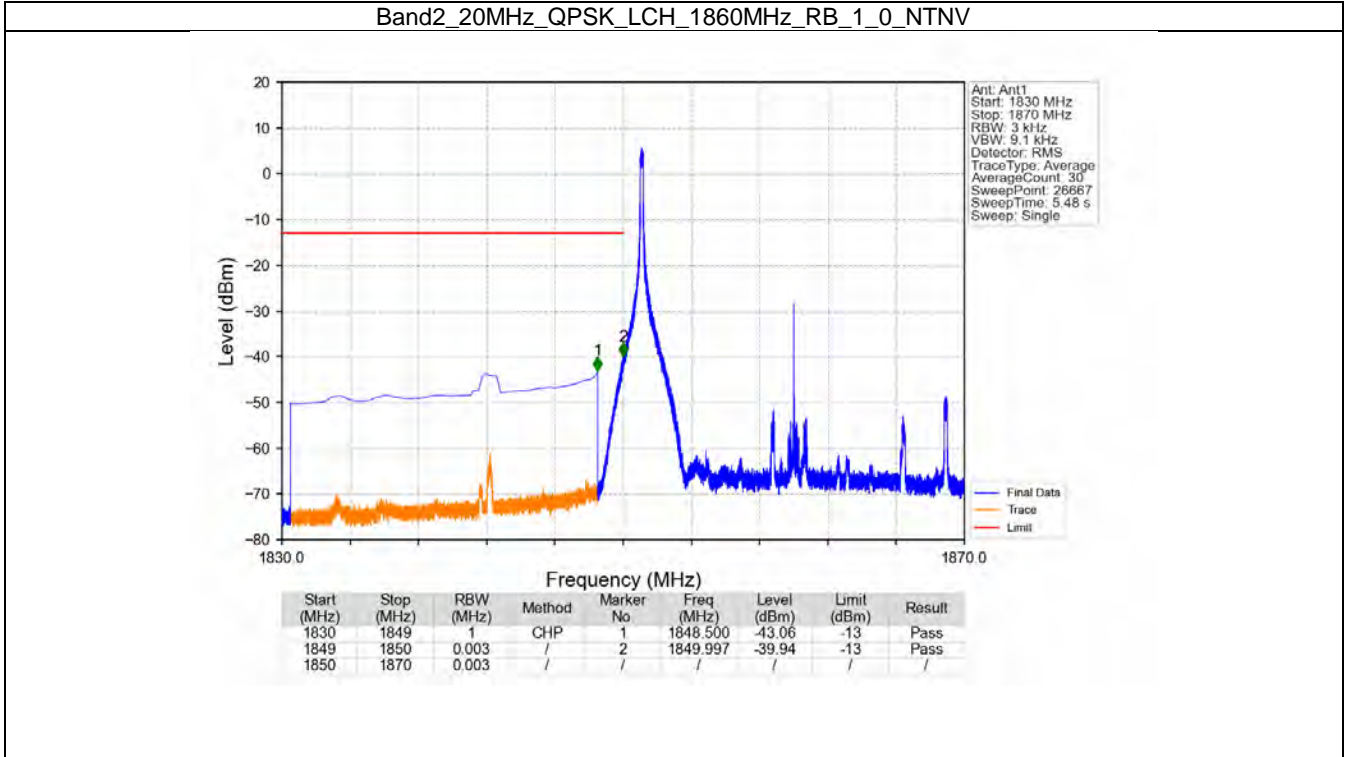


Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



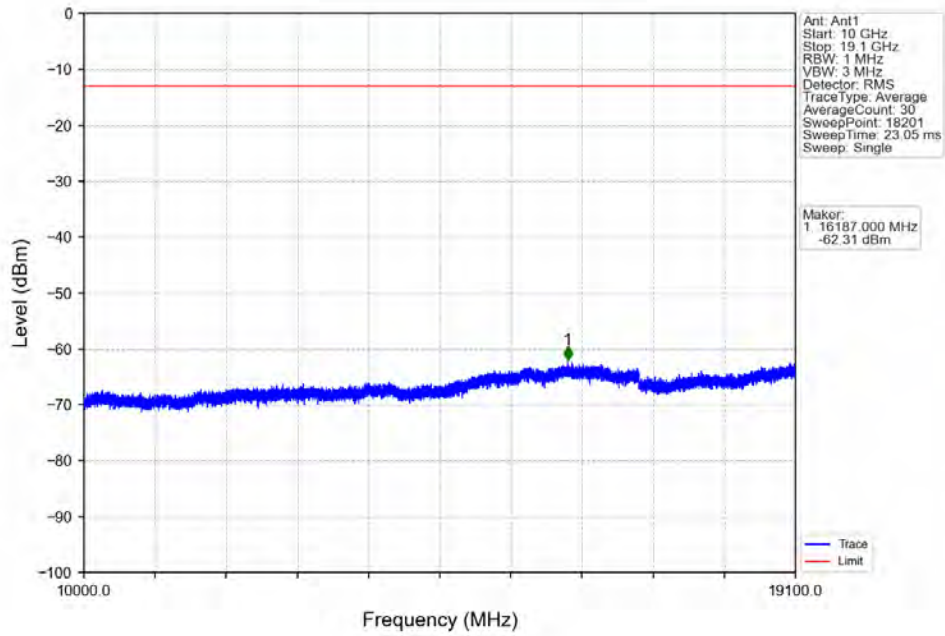


### 6.2.6 B2\_20MHz

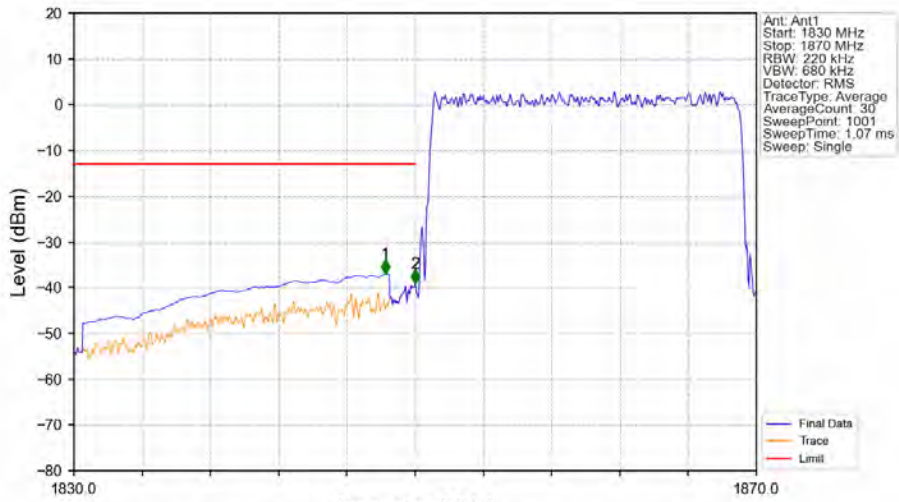




Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV

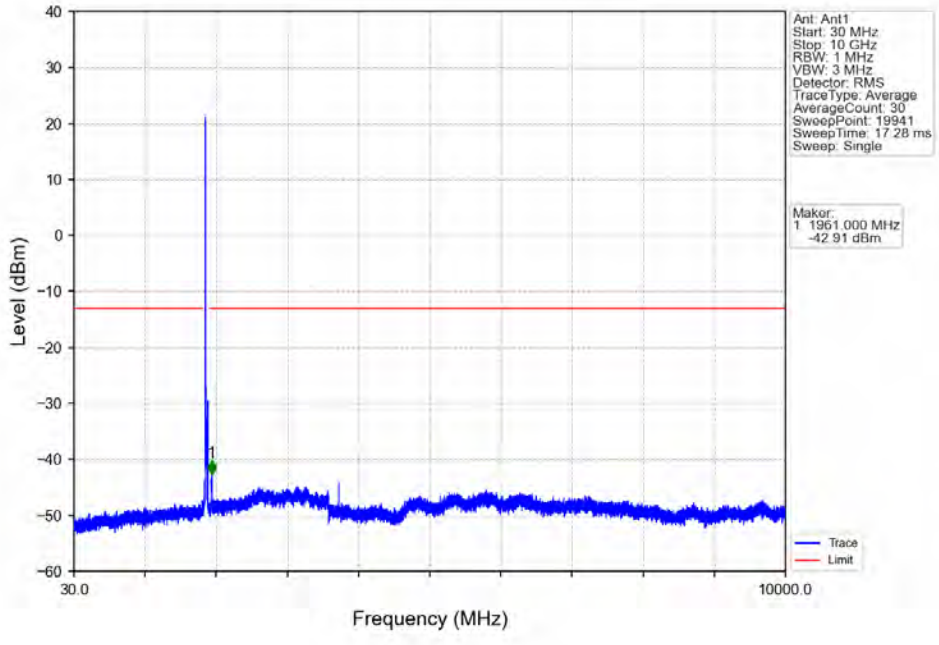


Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

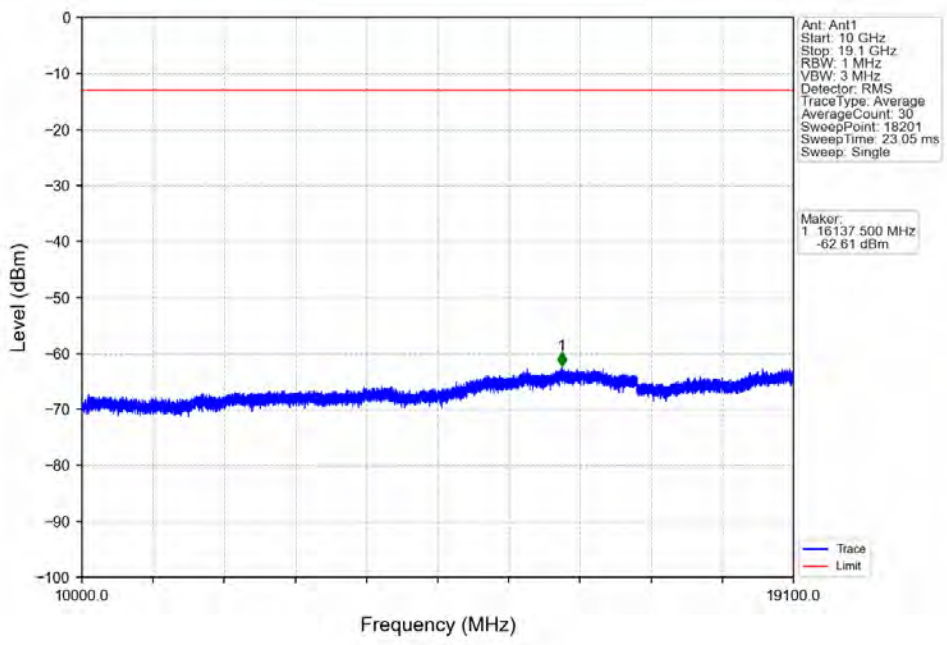


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.240	-37.01	-13	Pass
1849	1850	0.22	/	2	1850.000	-39.13	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

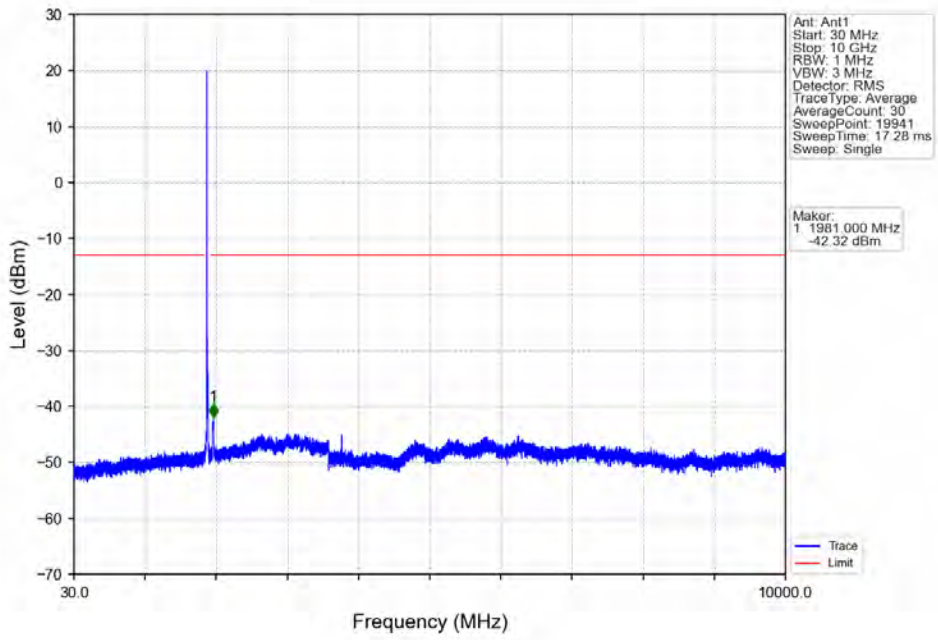
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



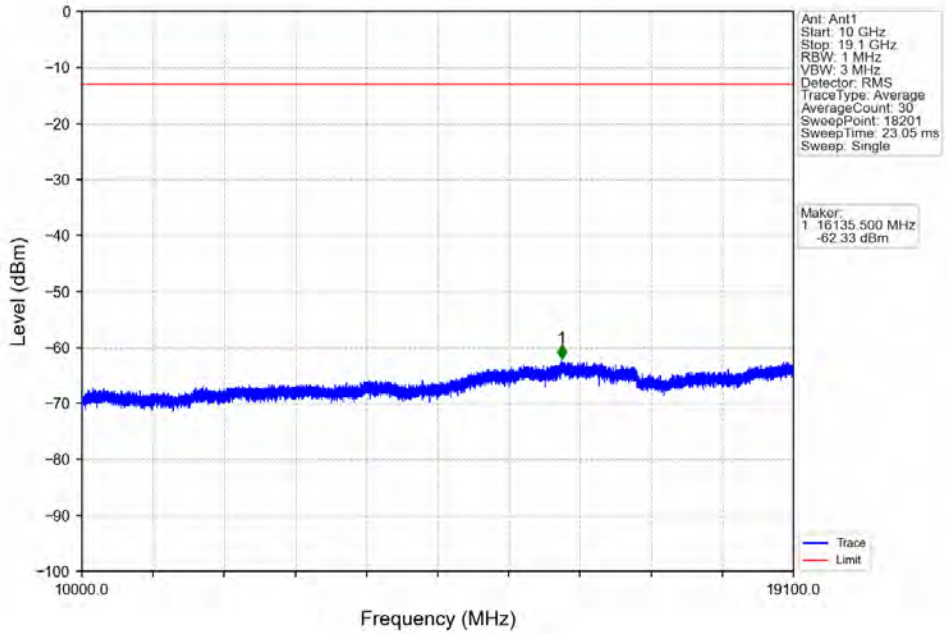
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



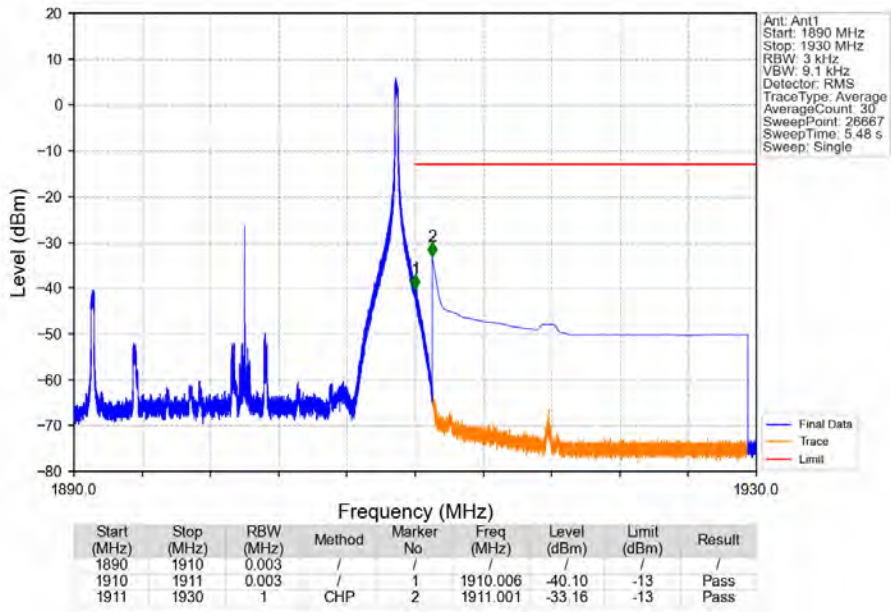
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



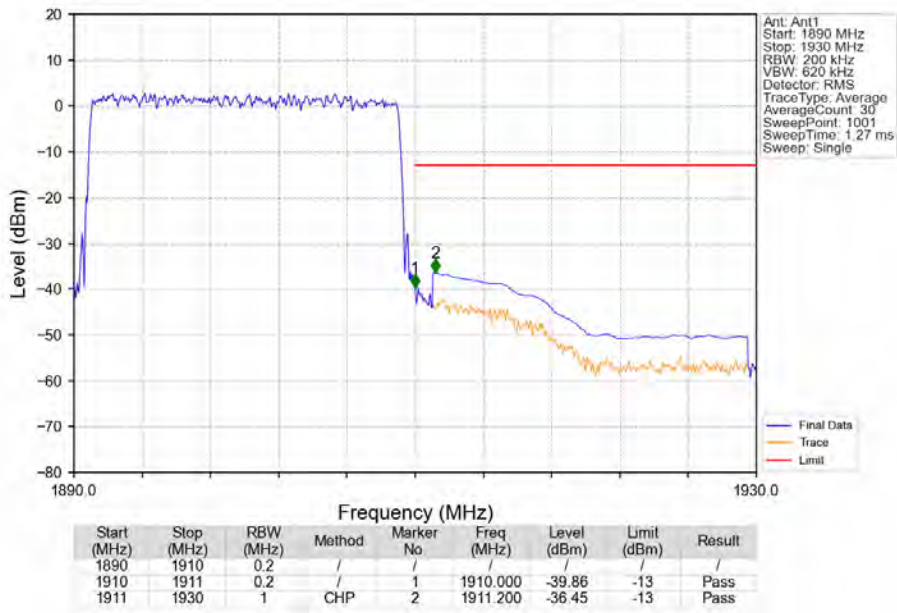
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



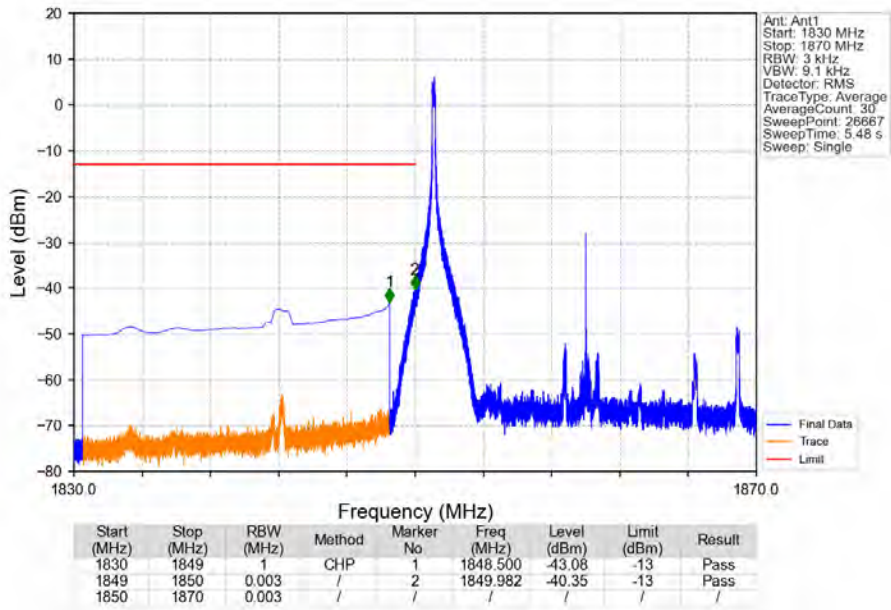
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_99\_NTNV



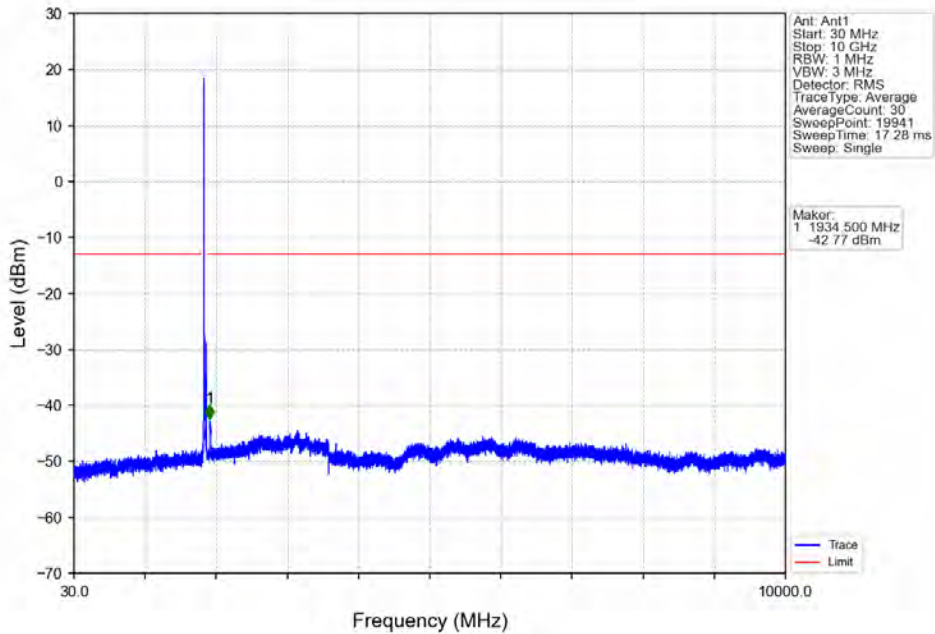
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV

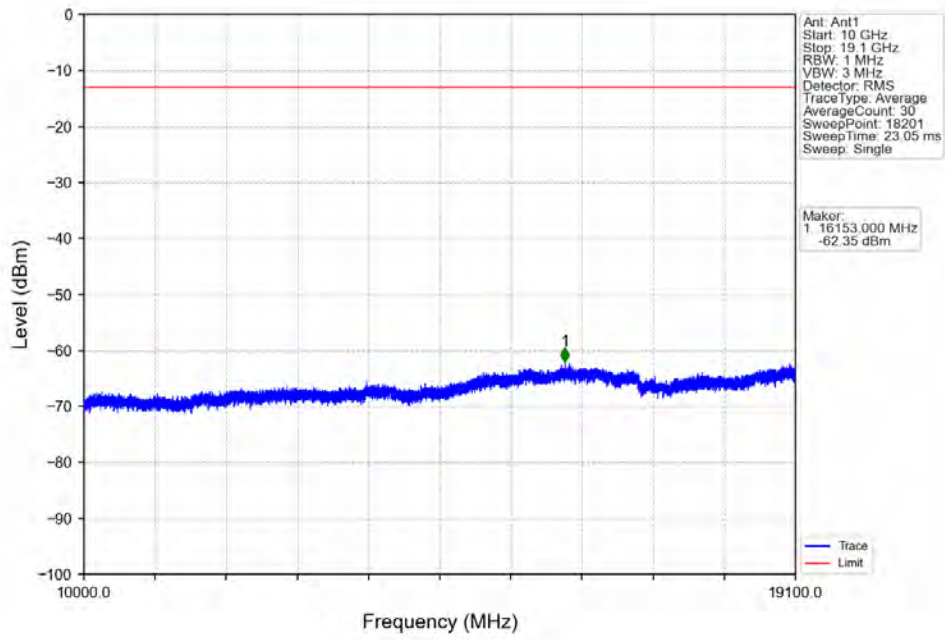


Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV

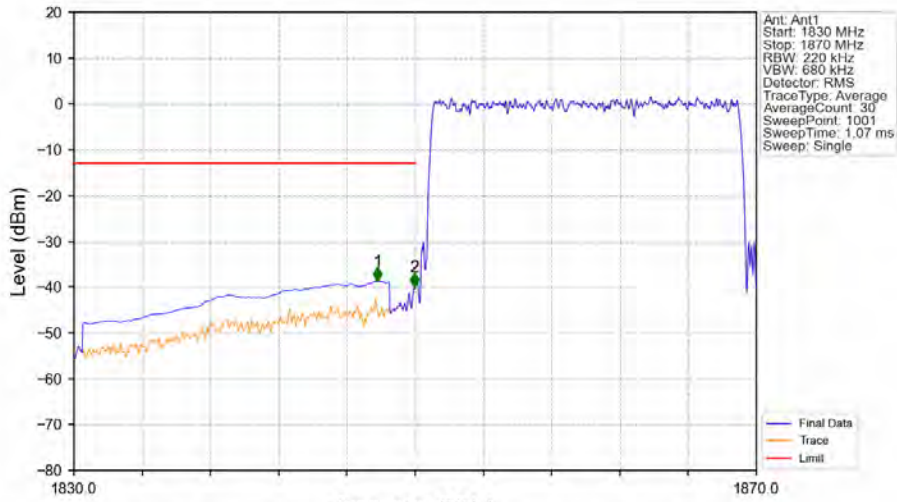




Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



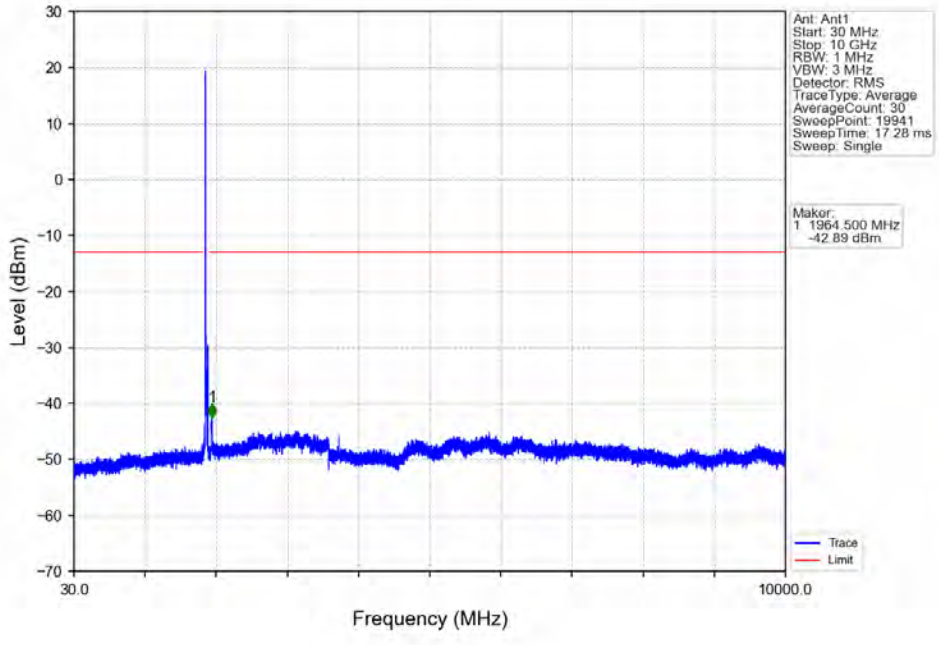
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



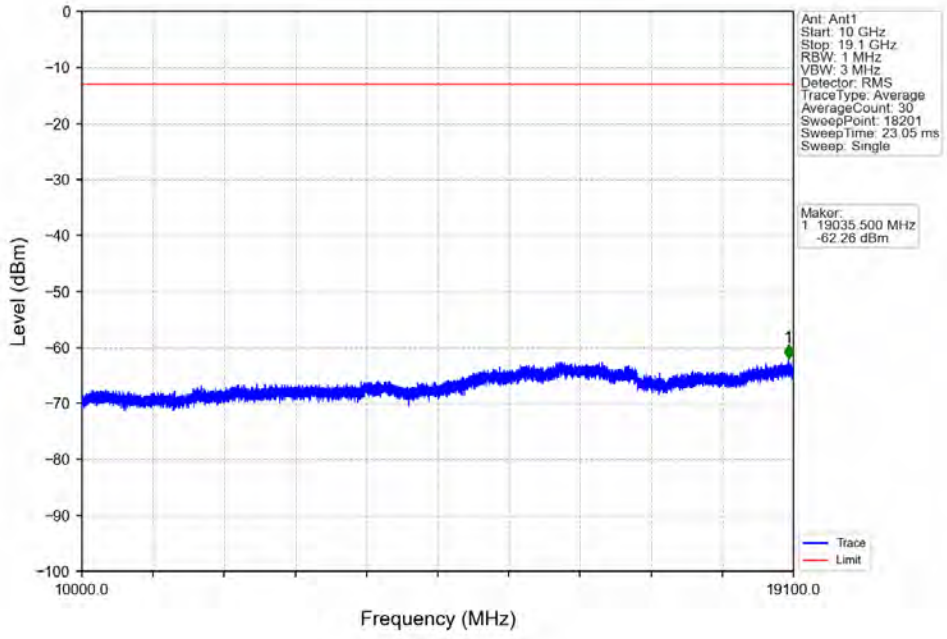
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1847.800	-38.77	-13	Pass
1849	1850	0.22	/	2	1849.960	-39.98	-13	Pass
1850	1870	0.22	/	/	/	/	/	/



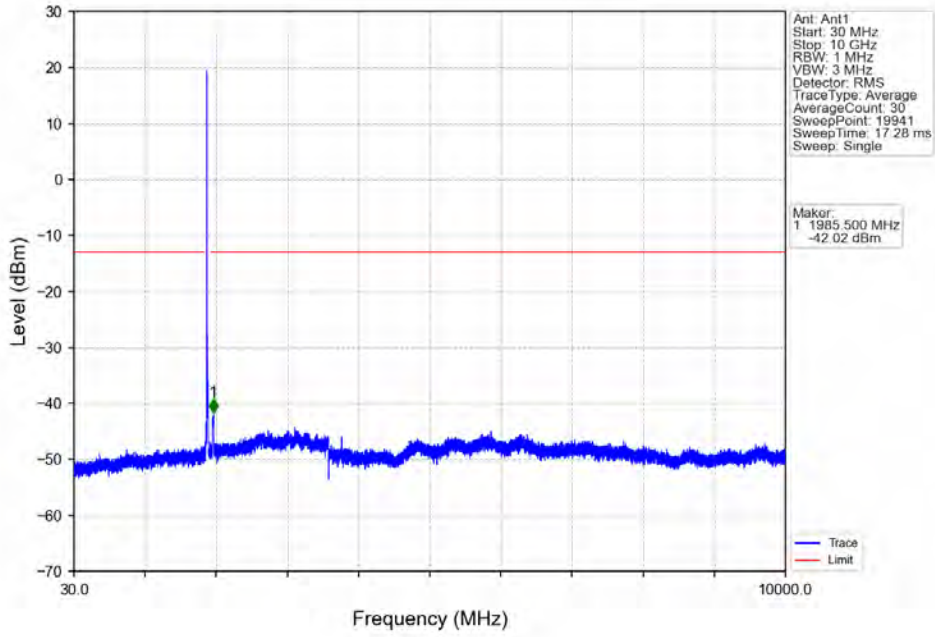
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



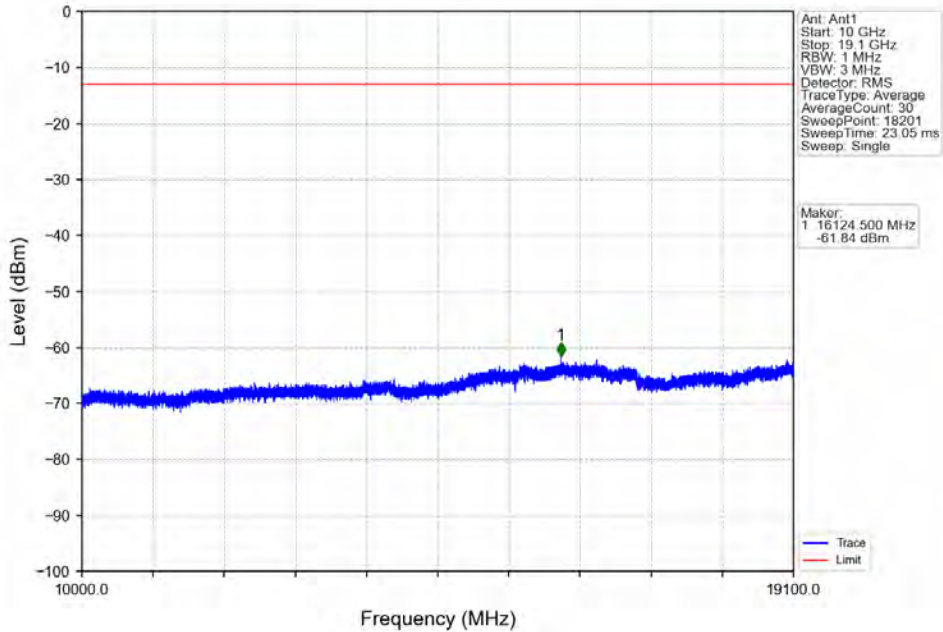
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



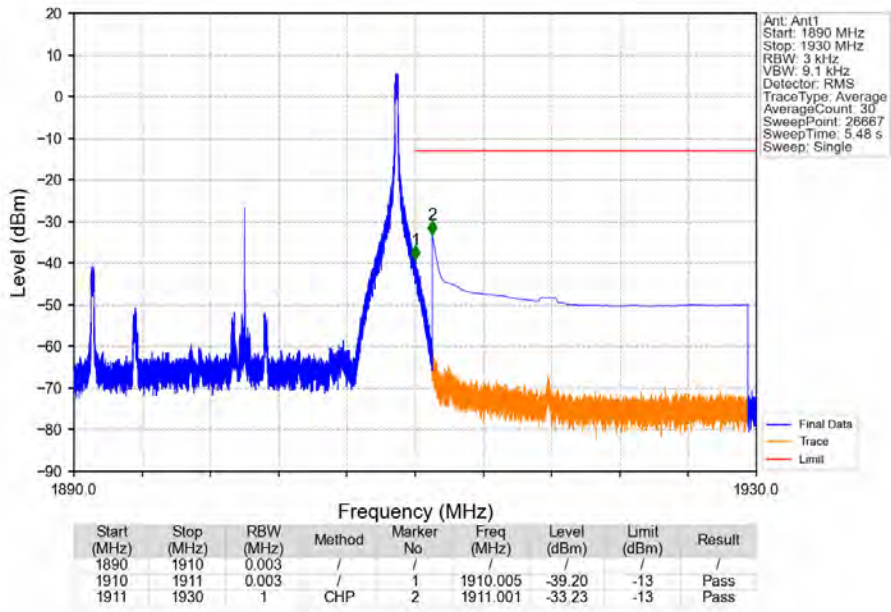
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



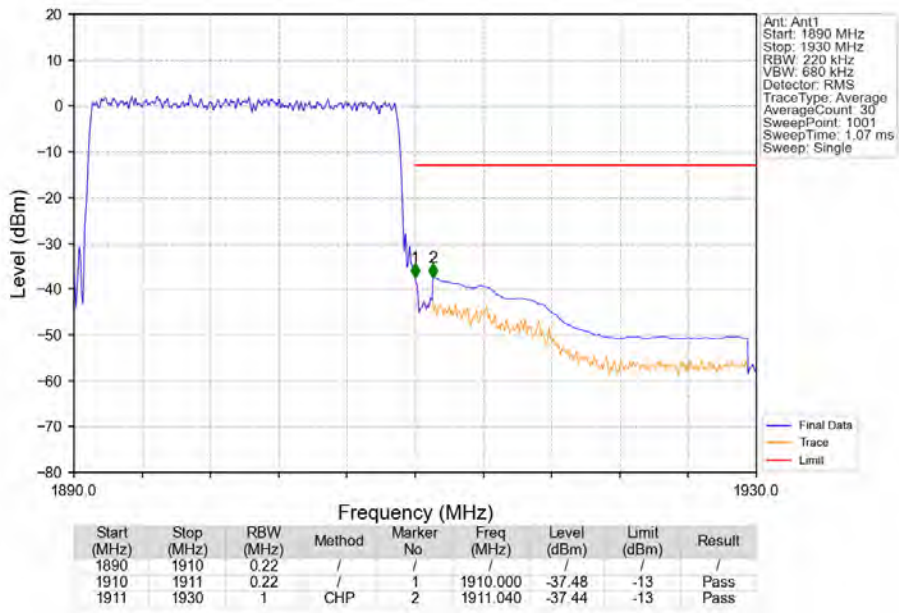
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_99\_NTNV



Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV



## 7. Form731

### 7.1 Test Result

#### 7.1.1 Form731\_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
2	1.4	1850.7	1909.3	0.1607	0.0222	ppm	1M13G7D	24E	22.06
2	1.4	1850.7	1909.3	0.1327	0.0159	ppm	1M11W7D	24E	21.23
2	3	1851.5	1908.5	0.1503	0.0152	ppm	2M73G7D	24E	21.77
2	3	1851.5	1908.5	0.1288	0.0112	ppm	2M73W7D	24E	21.10
2	5	1852.5	1907.5	0.1459	0.0094	ppm	4M58G7D	24E	21.64
2	5	1852.5	1907.5	0.1225	0.0106	ppm	4M59W7D	24E	20.88
2	10	1855	1905	0.1489	0.0074	ppm	9M12G7D	24E	21.73
2	10	1855	1905	0.1294	0.0101	ppm	9M11W7D	24E	21.12
2	15	1857.5	1902.5	0.1445	0.0155	ppm	13M7G7D	24E	21.60
2	15	1857.5	1902.5	0.1250	0.0076	ppm	13M7W7D	24E	20.97
2	20	1860	1900	0.1679	0.0085	ppm	18M1G7D	24E	22.25
2	20	1860	1900	0.1459	0.0122	ppm	18M1W7D	24E	21.64

#### 7.1.2 Form731\_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
2	1.4	1850.7	1909.3	0.1750	0.0222	ppm	1M13G7D	24E	22.43
2	1.4	1850.7	1909.3	0.1445	0.0159	ppm	1M11W7D	24E	21.60
2	3	1851.5	1908.5	0.1637	0.0152	ppm	2M73G7D	24E	22.14
2	3	1851.5	1908.5	0.1403	0.0112	ppm	2M73W7D	24E	21.47
2	5	1852.5	1907.5	0.1589	0.0094	ppm	4M58G7D	24E	22.01
2	5	1852.5	1907.5	0.1334	0.0106	ppm	4M59W7D	24E	21.25
2	10	1855	1905	0.1622	0.0074	ppm	9M12G7D	24E	22.10
2	10	1855	1905	0.1409	0.0101	ppm	9M11W7D	24E	21.49
2	15	1857.5	1902.5	0.1574	0.0155	ppm	13M7G7D	24E	21.97
2	15	1857.5	1902.5	0.1361	0.0076	ppm	13M7W7D	24E	21.34
2	20	1860	1900	0.1828	0.0085	ppm	18M1G7D	24E	22.62
2	20	1860	1900	0.1589	0.0122	ppm	18M1W7D	24E	22.01