

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

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

Band: 2 / Bandwidth: 1.4MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1850.7	1	0	20.81	2.60	23.41	<=33.01	Pass		
			2	20.80	2.60	23.40	<=33.01	Pass		
			5	20.83	2.60	23.43	<=33.01	Pass		
		3	0	20.87	2.60	23.47	<=33.01	Pass		
			2	20.74	2.60	23.34	<=33.01	Pass		
			3	20.83	2.60	23.43	<=33.01	Pass		
		6	0	19.84	2.60	22.44	<=33.01	Pass		
		1880	1	0	20.38	2.60	22.98	<=33.01	Pass	
				2	20.44	2.60	23.04	<=33.01	Pass	
	5			20.48	2.60	23.08	<=33.01	Pass		
	3		0	20.46	2.60	23.06	<=33.01	Pass		
			2	20.51	2.60	23.11	<=33.01	Pass		
			3	20.56	2.60	23.16	<=33.01	Pass		
	6		0	19.46	2.60	22.06	<=33.01	Pass		
	1909.3		1	0	20.47	2.60	23.07	<=33.01	Pass	
				2	20.44	2.60	23.04	<=33.01	Pass	
		5		20.50	2.60	23.10	<=33.01	Pass		
		3	0	20.54	2.60	23.14	<=33.01	Pass		
			2	20.45	2.60	23.05	<=33.01	Pass		
			3	20.59	2.60	23.19	<=33.01	Pass		
		6	0	19.36	2.60	21.96	<=33.01	Pass		
		16QAM	1850.7	1	0	19.88	2.60	22.48	<=33.01	Pass
					2	19.96	2.60	22.56	<=33.01	Pass
	5				19.93	2.60	22.53	<=33.01	Pass	
3	0			19.76	2.60	22.36	<=33.01	Pass		
	2			19.77	2.60	22.37	<=33.01	Pass		
	3			19.78	2.60	22.38	<=33.01	Pass		
6	0			18.98	2.60	21.58	<=33.01	Pass		
1880	1			0	20.28	2.60	22.88	<=33.01	Pass	
				2	20.36	2.60	22.96	<=33.01	Pass	
			5	20.28	2.60	22.88	<=33.01	Pass		
	3		0	19.73	2.60	22.33	<=33.01	Pass		
			2	19.74	2.60	22.34	<=33.01	Pass		
			3	19.75	2.60	22.35	<=33.01	Pass		
	6		0	18.72	2.60	21.32	<=33.01	Pass		
	1909.3		1	0	20.08	2.60	22.68	<=33.01	Pass	
				2	20.13	2.60	22.73	<=33.01	Pass	
5				20.10	2.60	22.70	<=33.01	Pass		
3			0	19.41	2.60	22.01	<=33.01	Pass		
			2	19.36	2.60	21.96	<=33.01	Pass		
			3	19.41	2.60	22.01	<=33.01	Pass		
6			0	18.59	2.60	21.19	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B2\_3MHz\_EIRP

Band: 2 / Bandwidth: 3MHz / NTNV								
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Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1851.5	1	0	20.64	2.60	23.24	<=33.01	Pass		
			7	20.73	2.60	23.33	<=33.01	Pass		
			14	20.59	2.60	23.19	<=33.01	Pass		
		8	0	19.79	2.60	22.39	<=33.01	Pass		
			4	19.88	2.60	22.48	<=33.01	Pass		
			7	19.70	2.60	22.30	<=33.01	Pass		
		15	0	19.87	2.60	22.47	<=33.01	Pass		
		1880	1	0	20.44	2.60	23.04	<=33.01	Pass	
				7	20.42	2.60	23.02	<=33.01	Pass	
	14			20.45	2.60	23.05	<=33.01	Pass		
	8		0	19.57	2.60	22.17	<=33.01	Pass		
			4	19.59	2.60	22.19	<=33.01	Pass		
			7	19.50	2.60	22.10	<=33.01	Pass		
	15		0	19.51	2.60	22.11	<=33.01	Pass		
	1908.5		1	0	20.38	2.60	22.98	<=33.01	Pass	
				7	20.37	2.60	22.97	<=33.01	Pass	
		14		20.35	2.60	22.95	<=33.01	Pass		
		8	0	19.45	2.60	22.05	<=33.01	Pass		
			4	19.50	2.60	22.10	<=33.01	Pass		
			7	19.38	2.60	21.98	<=33.01	Pass		
		15	0	19.42	2.60	22.02	<=33.01	Pass		
		16QAM	1851.5	1	0	20.65	2.60	23.25	<=33.01	Pass
					7	20.54	2.60	23.14	<=33.01	Pass
	14				20.46	2.60	23.06	<=33.01	Pass	
	8			0	19.18	2.60	21.78	<=33.01	Pass	
				4	19.17	2.60	21.77	<=33.01	Pass	
				7	19.13	2.60	21.73	<=33.01	Pass	
15	0			18.99	2.60	21.59	<=33.01	Pass		
1880	1			0	19.96	2.60	22.56	<=33.01	Pass	
				7	20.00	2.60	22.60	<=33.01	Pass	
			14	19.97	2.60	22.57	<=33.01	Pass		
	8		0	18.75	2.60	21.35	<=33.01	Pass		
			4	18.70	2.60	21.30	<=33.01	Pass		
			7	18.72	2.60	21.32	<=33.01	Pass		
	15		0	18.75	2.60	21.35	<=33.01	Pass		
	1908.5		1	0	20.75	2.60	23.35	<=33.01	Pass	
				7	20.81	2.60	23.41	<=33.01	Pass	
14				20.83	2.60	23.43	<=33.01	Pass		
8			0	18.74	2.60	21.34	<=33.01	Pass		
			4	18.77	2.60	21.37	<=33.01	Pass		
			7	18.76	2.60	21.36	<=33.01	Pass		
15			0	18.61	2.60	21.21	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.3 B2\_5MHz\_EIRP

Band: 2 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1852.5	1	0	20.76	2.60	23.36	<=33.01	Pass
			13	20.65	2.60	23.25	<=33.01	Pass
			24	20.60	2.60	23.20	<=33.01	Pass
		12	0	19.78	2.60	22.38	<=33.01	Pass
			6	19.75	2.60	22.35	<=33.01	Pass
			13	19.68	2.60	22.28	<=33.01	Pass

16QAM	1880	25	0	19.64	2.60	22.24	<=33.01	Pass		
		1	0	20.39	2.60	22.99	<=33.01	Pass		
			13	20.38	2.60	22.98	<=33.01	Pass		
			24	20.44	2.60	23.04	<=33.01	Pass		
			0	19.50	2.60	22.10	<=33.01	Pass		
		12	6	19.56	2.60	22.16	<=33.01	Pass		
			13	19.61	2.60	22.21	<=33.01	Pass		
			25	0	19.50	2.60	22.10	<=33.01	Pass	
		1907.5	1	0	20.44	2.60	23.04	<=33.01	Pass	
				13	20.49	2.60	23.09	<=33.01	Pass	
				24	20.43	2.60	23.03	<=33.01	Pass	
				0	19.51	2.60	22.11	<=33.01	Pass	
	12		6	19.50	2.60	22.10	<=33.01	Pass		
			13	19.51	2.60	22.11	<=33.01	Pass		
			25	0	19.42	2.60	22.02	<=33.01	Pass	
	1852.5		1	0	19.55	2.60	22.15	<=33.01	Pass	
				13	19.52	2.60	22.12	<=33.01	Pass	
				24	19.43	2.60	22.03	<=33.01	Pass	
				12	0	18.98	2.60	21.58	<=33.01	Pass
					6	18.87	2.60	21.47	<=33.01	Pass
		13			18.82	2.60	21.42	<=33.01	Pass	
		25		0	18.94	2.60	21.54	<=33.01	Pass	
		1880		1	0	20.27	2.60	22.87	<=33.01	Pass
					13	20.24	2.60	22.84	<=33.01	Pass
24			20.14		2.60	22.74	<=33.01	Pass		
12			0	18.73	2.60	21.33	<=33.01	Pass		
			6	18.75	2.60	21.35	<=33.01	Pass		
			13	18.70	2.60	21.30	<=33.01	Pass		
25			0	18.81	2.60	21.41	<=33.01	Pass		
1907.5			1	0	20.14	2.60	22.74	<=33.01	Pass	
				13	20.15	2.60	22.75	<=33.01	Pass	
		24		20.19	2.60	22.79	<=33.01	Pass		
		12	0	18.62	2.60	21.22	<=33.01	Pass		
			6	18.69	2.60	21.29	<=33.01	Pass		
			13	18.60	2.60	21.20	<=33.01	Pass		
		25	0	18.60	2.60	21.20	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

#### 1.1.4 B2\_10MHz\_EIRP

Band: 2 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1855	1	0	20.71	2.60	23.31	<=33.01	Pass	
			25	20.62	2.60	23.22	<=33.01	Pass	
			49	20.58	2.60	23.18	<=33.01	Pass	
		25	0	19.74	2.60	22.34	<=33.01	Pass	
			13	19.58	2.60	22.18	<=33.01	Pass	
			25	19.68	2.60	22.28	<=33.01	Pass	
		50	0	19.59	2.60	22.19	<=33.01	Pass	
		1880	1	0	20.65	2.60	23.25	<=33.01	Pass
				25	20.64	2.60	23.24	<=33.01	Pass
	49			20.65	2.60	23.25	<=33.01	Pass	
	25		0	19.47	2.60	22.07	<=33.01	Pass	
			13	19.49	2.60	22.09	<=33.01	Pass	
			25	19.59	2.60	22.19	<=33.01	Pass	
	50		0	19.45	2.60	22.05	<=33.01	Pass	

	1905	1	0	20.31	2.60	22.91	<=33.01	Pass		
			25	20.28	2.60	22.88	<=33.01	Pass		
			49	20.37	2.60	22.97	<=33.01	Pass		
		25	0	19.47	2.60	22.07	<=33.01	Pass		
			13	19.52	2.60	22.12	<=33.01	Pass		
			25	19.37	2.60	21.97	<=33.01	Pass		
		50	0	19.45	2.60	22.05	<=33.01	Pass		
		16QAM	1855	1	0	20.10	2.60	22.70	<=33.01	Pass
					25	20.08	2.60	22.68	<=33.01	Pass
49	19.95				2.60	22.55	<=33.01	Pass		
25	0			19.05	2.60	21.65	<=33.01	Pass		
	13			19.01	2.60	21.61	<=33.01	Pass		
	25			19.14	2.60	21.74	<=33.01	Pass		
50	0			18.85	2.60	21.45	<=33.01	Pass		
1880	1			0	20.30	2.60	22.90	<=33.01	Pass	
				25	20.30	2.60	22.90	<=33.01	Pass	
			49	20.25	2.60	22.85	<=33.01	Pass		
	25		0	18.78	2.60	21.38	<=33.01	Pass		
			13	18.79	2.60	21.39	<=33.01	Pass		
			25	18.72	2.60	21.32	<=33.01	Pass		
	50		0	18.71	2.60	21.31	<=33.01	Pass		
	1905		1	0	20.20	2.60	22.80	<=33.01	Pass	
				25	20.29	2.60	22.89	<=33.01	Pass	
49				20.23	2.60	22.83	<=33.01	Pass		
25			0	18.64	2.60	21.24	<=33.01	Pass		
			13	18.65	2.60	21.25	<=33.01	Pass		
			25	18.56	2.60	21.16	<=33.01	Pass		
50			0	18.62	2.60	21.22	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

### 1.1.5 B2\_15MHz\_EIRP

Band: 2 / Bandwidth: 15MHz / NTN/V										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	20.77	2.60	23.37	<=33.01	Pass		
			38	20.69	2.60	23.29	<=33.01	Pass		
			74	20.59	2.60	23.19	<=33.01	Pass		
		36	0	19.73	2.60	22.33	<=33.01	Pass		
			18	19.59	2.60	22.19	<=33.01	Pass		
			39	19.64	2.60	22.24	<=33.01	Pass		
		75	0	19.70	2.60	22.30	<=33.01	Pass		
		1880	1	0	20.47	2.60	23.07	<=33.01	Pass	
				38	20.34	2.60	22.94	<=33.01	Pass	
	74			20.42	2.60	23.02	<=33.01	Pass		
	36		0	19.49	2.60	22.09	<=33.01	Pass		
			18	19.50	2.60	22.10	<=33.01	Pass		
			39	19.52	2.60	22.12	<=33.01	Pass		
	75		0	19.48	2.60	22.08	<=33.01	Pass		
	1902.5		1	0	20.55	2.60	23.15	<=33.01	Pass	
				38	20.63	2.60	23.23	<=33.01	Pass	
		74		20.58	2.60	23.18	<=33.01	Pass		
		36	0	19.51	2.60	22.11	<=33.01	Pass		
			18	19.45	2.60	22.05	<=33.01	Pass		
			39	19.53	2.60	22.13	<=33.01	Pass		
		75	0	19.50	2.60	22.10	<=33.01	Pass		
		16QAM	1857.5	1	0	20.80	2.60	23.40	<=33.01	Pass

		36	38	20.75	2.60	23.35	<=33.01	Pass
			74	20.69	2.60	23.29	<=33.01	Pass
			0	18.85	2.60	21.45	<=33.01	Pass
			18	18.83	2.60	21.43	<=33.01	Pass
			39	18.77	2.60	21.37	<=33.01	Pass
			75	0	18.83	2.60	21.43	<=33.01
	1880	1	0	20.42	2.60	23.02	<=33.01	Pass
			38	20.45	2.60	23.05	<=33.01	Pass
			74	20.37	2.60	22.97	<=33.01	Pass
		36	0	18.75	2.60	21.35	<=33.01	Pass
			18	18.65	2.60	21.25	<=33.01	Pass
			39	18.69	2.60	21.29	<=33.01	Pass
	75	0	18.67	2.60	21.27	<=33.01	Pass	
	1902.5	1	0	20.23	2.60	22.83	<=33.01	Pass
			38	20.20	2.60	22.80	<=33.01	Pass
			74	20.10	2.60	22.70	<=33.01	Pass
		36	0	18.69	2.60	21.29	<=33.01	Pass
			18	18.71	2.60	21.31	<=33.01	Pass
			39	18.76	2.60	21.36	<=33.01	Pass
	75	0	18.75	2.60	21.35	<=33.01	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain							

### 1.1.6 B2\_20MHz\_EIRP

Band: 2 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	20.73	2.60	23.33	<=33.01	Pass
			50	20.54	2.60	23.14	<=33.01	Pass
			99	20.60	2.60	23.20	<=33.01	Pass
		50	0	19.62	2.60	22.22	<=33.01	Pass
			25	19.64	2.60	22.24	<=33.01	Pass
			50	19.64	2.60	22.24	<=33.01	Pass
	100	0	19.70	2.60	22.30	<=33.01	Pass	
	1880	1	0	20.62	2.60	23.22	<=33.01	Pass
			50	20.55	2.60	23.15	<=33.01	Pass
			99	20.58	2.60	23.18	<=33.01	Pass
		50	0	19.54	2.60	22.14	<=33.01	Pass
			25	19.51	2.60	22.11	<=33.01	Pass
			50	19.51	2.60	22.11	<=33.01	Pass
	100	0	19.60	2.60	22.20	<=33.01	Pass	
	1900	1	0	20.42	2.60	23.02	<=33.01	Pass
			50	20.45	2.60	23.05	<=33.01	Pass
			99	20.45	2.60	23.05	<=33.01	Pass
		50	0	19.55	2.60	22.15	<=33.01	Pass
			25	19.45	2.60	22.05	<=33.01	Pass
			50	19.50	2.60	22.10	<=33.01	Pass
	100	0	19.51	2.60	22.11	<=33.01	Pass	
16QAM	1860	1	0	20.55	2.60	23.15	<=33.01	Pass
			50	20.37	2.60	22.97	<=33.01	Pass
			99	20.30	2.60	22.90	<=33.01	Pass
		50	0	18.90	2.60	21.50	<=33.01	Pass
			25	18.82	2.60	21.42	<=33.01	Pass
			50	18.82	2.60	21.42	<=33.01	Pass
	100	0	18.79	2.60	21.39	<=33.01	Pass	
	1880	1	0	21.11	2.60	23.71	<=33.01	Pass
			50	21.01	2.60	23.61	<=33.01	Pass

		50	99	21.00	2.60	23.60	<=33.01	Pass
			0	18.73	2.60	21.33	<=33.01	Pass
			25	18.69	2.60	21.29	<=33.01	Pass
			50	18.66	2.60	21.26	<=33.01	Pass
			100	0	18.74	2.60	21.34	<=33.01
	1900	1	0	20.37	2.60	22.97	<=33.01	Pass
			50	20.36	2.60	22.96	<=33.01	Pass
			99	20.32	2.60	22.92	<=33.01	Pass
		50	0	18.81	2.60	21.41	<=33.01	Pass
			25	18.77	2.60	21.37	<=33.01	Pass
			50	18.71	2.60	21.31	<=33.01	Pass
		100	0	18.60	2.60	21.20	<=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 (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1850.7	6	0	20	3.27	-14.291	-0.0077	-2.5 to 2.5	Pass	
					3.85	-35.920	-0.0194	-2.5 to 2.5	Pass	
					4.43	-31.300	-0.0169	-2.5 to 2.5	Pass	
				-30	3.85	-18.296	-0.0099	-2.5 to 2.5	Pass	
					-20	3.85	-39.968	-0.0216	-2.5 to 2.5	Pass
					-10	3.85	-33.875	-0.0183	-2.5 to 2.5	Pass
				0	3.85	-27.795	-0.0150	-2.5 to 2.5	Pass	
					10	3.85	-47.321	-0.0256	-2.5 to 2.5	Pass
					30	3.85	-23.775	-0.0128	-2.5 to 2.5	Pass
				50	3.85	6.008	0.0032	-2.5 to 2.5	Pass	
					40	3.85	-46.306	-0.0250	-2.5 to 2.5	Pass
					50	3.85	-46.306	-0.0250	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-1.030	-0.0005	-2.5 to 2.5	Pass	
					3.85	-22.817	-0.0121	-2.5 to 2.5	Pass	
					4.43	-49.968	-0.0266	-2.5 to 2.5	Pass	
				-30	3.85	-34.676	-0.0184	-2.5 to 2.5	Pass	
					-20	3.85	-5.636	-0.0030	-2.5 to 2.5	Pass
					-10	3.85	-43.173	-0.0230	-2.5 to 2.5	Pass
				0	3.85	-3.376	-0.0018	-2.5 to 2.5	Pass	
					10	3.85	-6.380	-0.0034	-2.5 to 2.5	Pass
					30	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-4.435	-0.0024	-2.5 to 2.5	Pass	
					40	3.85	-41.184	-0.0219	-2.5 to 2.5	Pass
					50	3.85	-41.184	-0.0219	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.27	4.635	0.0024	-2.5 to 2.5	Pass	
					3.85	-26.708	-0.0140	-2.5 to 2.5	Pass	
					4.43	-11.387	-0.0060	-2.5 to 2.5	Pass	
-30				3.85	-22.831	-0.0120	-2.5 to 2.5	Pass		
				-20	3.85	1.674	0.0009	-2.5 to 2.5	Pass	
				-10	3.85	-35.677	-0.0187	-2.5 to 2.5	Pass	
0				3.85	-46.821	-0.0245	-2.5 to 2.5	Pass		
				10	3.85	-14.033	-0.0073	-2.5 to 2.5	Pass	
				30	3.85	-29.640	-0.0155	-2.5 to 2.5	Pass	
50				3.85	-46.148	-0.0242	-2.5 to 2.5	Pass		
				40	3.85	-46.148	-0.0242	-2.5 to 2.5	Pass	
				50	3.85	-17.323	-0.0091	-2.5 to 2.5	Pass	

16QAM	1850.7	6	0	20	3.27	-23.274	-0.0126	-2.5 to 2.5	Pass				
					3.85	-31.514	-0.0170	-2.5 to 2.5	Pass				
					4.43	-24.376	-0.0132	-2.5 to 2.5	Pass				
				-30	3.85	-4.807	-0.0026	-2.5 to 2.5	Pass				
					-20	3.85	-43.888	-0.0237	-2.5 to 2.5	Pass			
					-10	3.85	-42.515	-0.0230	-2.5 to 2.5	Pass			
				1880	6	0	20	3.85	4.377	0.0024	-2.5 to 2.5	Pass	
								10	3.85	-22.159	-0.0120	-2.5 to 2.5	Pass
								30	3.85	-7.739	-0.0042	-2.5 to 2.5	Pass
	40	3.85	-15.392				-0.0083	-2.5 to 2.5	Pass				
		50	3.85				9.484	0.0051	-2.5 to 2.5	Pass			
			20				3.27	-16.994	-0.0090	-2.5 to 2.5	Pass		
	3.85						-38.538	-0.0205	-2.5 to 2.5	Pass			
	4.43	-3.877					-0.0021	-2.5 to 2.5	Pass				
	1909.3	6	0				-30	3.85	-18.239	-0.0097	-2.5 to 2.5	Pass	
				-20	3.85	-9.885		-0.0053	-2.5 to 2.5	Pass			
				-10	3.85	-45.862		-0.0244	-2.5 to 2.5	Pass			
				0	3.85	-21.272	-0.0113	-2.5 to 2.5	Pass				
					10	3.85	-47.550	-0.0253	-2.5 to 2.5	Pass			
					30	3.85	-4.706	-0.0025	-2.5 to 2.5	Pass			
				40	3.85	-15.035	-0.0080	-2.5 to 2.5	Pass				
					50	3.85	-24.934	-0.0133	-2.5 to 2.5	Pass			
						20	3.27	-12.660	-0.0066	-2.5 to 2.5	Pass		
	3.85	-1.216	-0.0006	-2.5 to 2.5			Pass						
	4.43	-25.578	-0.0134	-2.5 to 2.5	Pass								
	1909.3	6	0	-30	3.85	5.965	0.0031	-2.5 to 2.5	Pass				
					-20	3.85	-18.811	-0.0099	-2.5 to 2.5	Pass			
-10					3.85	-40.956	-0.0215	-2.5 to 2.5	Pass				
0				3.85	-14.248	-0.0075	-2.5 to 2.5	Pass					
				10	3.85	-10.099	-0.0053	-2.5 to 2.5	Pass				
				30	3.85	-22.016	-0.0115	-2.5 to 2.5	Pass				
40				3.85	-23.618	-0.0124	-2.5 to 2.5	Pass					
				50	3.85	-15.378	-0.0081	-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	-10.686	-0.0058	-2.5 to 2.5	Pass	
					3.85	-21.672	-0.0117	-2.5 to 2.5	Pass	
					4.43	-37.637	-0.0203	-2.5 to 2.5	Pass	
				-30	3.85	-34.590	-0.0187	-2.5 to 2.5	Pass	
					-20	3.85	-24.290	-0.0131	-2.5 to 2.5	Pass
					-10	3.85	-20.256	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-19.541	-0.0106	-2.5 to 2.5	Pass	
					10	3.85	-1.302	-0.0007	-2.5 to 2.5	Pass
					30	3.85	-39.582	-0.0214	-2.5 to 2.5	Pass
	1880	15	0	40	3.85	-39.339	-0.0212	-2.5 to 2.5	Pass	
					50	3.85	-9.942	-0.0054	-2.5 to 2.5	Pass
					20	3.27	5.379	0.0029	-2.5 to 2.5	Pass
				3.85		-0.587	-0.0003	-2.5 to 2.5	Pass	
				4.43		-8.082	-0.0043	-2.5 to 2.5	Pass	
				-30	3.85	-34.976	-0.0186	-2.5 to 2.5	Pass	
					-20	3.85	0.114	0.0001	-2.5 to 2.5	Pass
					-10	3.85	2.117	0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0004	-2.5 to 2.5	Pass	

				10	3.85	-7.339	-0.0039	-2.5 to 2.5	Pass	
				30	3.85	-14.219	-0.0076	-2.5 to 2.5	Pass	
				40	3.85	-12.832	-0.0068	-2.5 to 2.5	Pass	
				50	3.85	-31.528	-0.0168	-2.5 to 2.5	Pass	
	1908.5	15	0	20	3.27	36.321	0.0190	-2.5 to 2.5	Pass	
					3.85	33.274	0.0174	-2.5 to 2.5	Pass	
					4.43	10.343	0.0054	-2.5 to 2.5	Pass	
				-30	3.85	-19.484	-0.0102	-2.5 to 2.5	Pass	
				-20	3.85	-41.342	-0.0217	-2.5 to 2.5	Pass	
				-10	3.85	-43.387	-0.0227	-2.5 to 2.5	Pass	
				0	3.85	-4.249	-0.0022	-2.5 to 2.5	Pass	
				10	3.85	-41.513	-0.0218	-2.5 to 2.5	Pass	
				30	3.85	-47.822	-0.0251	-2.5 to 2.5	Pass	
				40	3.85	-24.691	-0.0129	-2.5 to 2.5	Pass	
				50	3.85	-36.378	-0.0191	-2.5 to 2.5	Pass	
				16QAM	1851.5	15	0	20	3.27	-32.530
	3.85	-39.554	-0.0214						-2.5 to 2.5	Pass
	4.43	-15.049	-0.0081						-2.5 to 2.5	Pass
	-30	3.85	-36.964					-0.0200	-2.5 to 2.5	Pass
	-20	3.85	-15.593					-0.0084	-2.5 to 2.5	Pass
-10	3.85	-12.975	-0.0070					-2.5 to 2.5	Pass	
0	3.85	-13.804	-0.0075					-2.5 to 2.5	Pass	
10	3.85	-7.553	-0.0041					-2.5 to 2.5	Pass	
30	3.85	-8.655	-0.0047					-2.5 to 2.5	Pass	
40	3.85	-24.133	-0.0130					-2.5 to 2.5	Pass	
50	3.85	-27.523	-0.0149					-2.5 to 2.5	Pass	
1880	15	0	20					3.27	-42.672	-0.0227
					3.85	3.734	0.0020	-2.5 to 2.5	Pass	
					4.43	-4.692	-0.0025	-2.5 to 2.5	Pass	
			-30		3.85	1.187	0.0006	-2.5 to 2.5	Pass	
			-20		3.85	4.306	0.0023	-2.5 to 2.5	Pass	
			-10		3.85	11.044	0.0059	-2.5 to 2.5	Pass	
			0		3.85	2.131	0.0011	-2.5 to 2.5	Pass	
			10		3.85	3.519	0.0019	-2.5 to 2.5	Pass	
1908.5	15	0	20		3.27	-2.890	-0.0015	-2.5 to 2.5	Pass	
				3.85	-0.129	-0.0001	-2.5 to 2.5	Pass		
				4.43	-3.619	-0.0019	-2.5 to 2.5	Pass		
			-30	3.85	-1.216	-0.0006	-2.5 to 2.5	Pass		
			-20	3.85	0.858	0.0004	-2.5 to 2.5	Pass		
			-10	3.85	-6.166	-0.0032	-2.5 to 2.5	Pass		
			0	3.85	-5.951	-0.0031	-2.5 to 2.5	Pass		
			10	3.85	-6.151	-0.0032	-2.5 to 2.5	Pass		
30	3.85	-2.289	-0.0012	-2.5 to 2.5	Pass					
40	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass					
50	3.85	2.060	0.0011	-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	1.545	0.0008	-2.5 to 2.5	Pass
					3.85	-3.548	-0.0019	-2.5 to 2.5	Pass
					4.43	-35.076	-0.0189	-2.5 to 2.5	Pass



				-30	3.85	-30.742	-0.0166	-2.5 to 2.5	Pass
				-20	3.85	-12.674	-0.0068	-2.5 to 2.5	Pass
				-10	3.85	-46.105	-0.0249	-2.5 to 2.5	Pass
				0	3.85	-28.567	-0.0154	-2.5 to 2.5	Pass
				10	3.85	-7.739	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-16.751	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-29.783	-0.0161	-2.5 to 2.5	Pass
	50	3.85	-13.933	-0.0075	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	25.477	0.0136	-2.5 to 2.5	Pass
					3.85	38.638	0.0206	-2.5 to 2.5	Pass
					4.43	-1.287	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
				-20	3.85	-29.984	-0.0159	-2.5 to 2.5	Pass
				-10	3.85	-28.381	-0.0151	-2.5 to 2.5	Pass
				0	3.85	7.024	0.0037	-2.5 to 2.5	Pass
				10	3.85	21.100	0.0112	-2.5 to 2.5	Pass
				30	3.85	23.475	0.0125	-2.5 to 2.5	Pass
				40	3.85	17.467	0.0093	-2.5 to 2.5	Pass
	50	3.85	12.746	0.0068	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	32.229	0.0169	-2.5 to 2.5	Pass
					3.85	21.586	0.0113	-2.5 to 2.5	Pass
					4.43	3.448	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-23.975	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	0.930	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-27.051	-0.0142	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-14.477	-0.0076	-2.5 to 2.5	Pass
30				3.85	-38.595	-0.0202	-2.5 to 2.5	Pass	
40				3.85	-9.427	-0.0049	-2.5 to 2.5	Pass	
50	3.85	-19.455	-0.0102	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	-46.463	-0.0251	-2.5 to 2.5	Pass
					3.85	-5.250	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.621	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-2.775	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.093	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-10.514	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0041	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				40	3.85	7.539	0.0041	-2.5 to 2.5	Pass
	50	3.85	17.509	0.0095	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-2.704	-0.0014	-2.5 to 2.5	Pass
					3.85	-4.077	-0.0022	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-9.756	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-3.633	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-3.262	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.063	-0.0022	-2.5 to 2.5	Pass
				10	3.85	0.043	0.0000	-2.5 to 2.5	Pass
				30	3.85	-15.364	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-49.024	-0.0261	-2.5 to 2.5	Pass
	50	3.85	-18.883	-0.0100	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-31.943	-0.0167	-2.5 to 2.5	Pass
					3.85	-40.812	-0.0214	-2.5 to 2.5	Pass
					4.43	-54.088	-0.0284	-2.5 to 2.5	Pass
				-30	3.85	-11.187	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-14.949	-0.0078	-2.5 to 2.5	Pass
-10				3.85	-24.605	-0.0129	-2.5 to 2.5	Pass	
0				3.85	-28.911	-0.0152	-2.5 to 2.5	Pass	

				10	3.85	-31.743	-0.0166	-2.5 to 2.5	Pass
				30	3.85	-28.811	-0.0151	-2.5 to 2.5	Pass
				40	3.85	-34.876	-0.0183	-2.5 to 2.5	Pass
				50	3.85	-3.104	-0.0016	-2.5 to 2.5	Pass

## 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	9.599	0.0052	-2.5 to 2.5	Pass
					3.85	-1.717	-0.0009	-2.5 to 2.5	Pass
					4.43	-20.056	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-41.928	-0.0226	-2.5 to 2.5	Pass
				-20	3.85	-11.187	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-34.447	-0.0186	-2.5 to 2.5	Pass
				0	3.85	-24.090	-0.0130	-2.5 to 2.5	Pass
				10	3.85	-21.057	-0.0114	-2.5 to 2.5	Pass
				30	3.85	2.389	0.0013	-2.5 to 2.5	Pass
				40	3.85	-28.152	-0.0152	-2.5 to 2.5	Pass
	50	3.85	2.546	0.0014	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	5.980	0.0032	-2.5 to 2.5	Pass
					3.85	5.436	0.0029	-2.5 to 2.5	Pass
					4.43	6.838	0.0036	-2.5 to 2.5	Pass
				-30	3.85	8.383	0.0045	-2.5 to 2.5	Pass
				-20	3.85	12.546	0.0067	-2.5 to 2.5	Pass
				-10	3.85	12.188	0.0065	-2.5 to 2.5	Pass
				0	3.85	14.620	0.0078	-2.5 to 2.5	Pass
				10	3.85	6.709	0.0036	-2.5 to 2.5	Pass
				30	3.85	5.794	0.0031	-2.5 to 2.5	Pass
				40	3.85	6.752	0.0036	-2.5 to 2.5	Pass
	50	3.85	9.284	0.0049	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	6.166	0.0032	-2.5 to 2.5	Pass
					3.85	-9.828	-0.0052	-2.5 to 2.5	Pass
					4.43	-25.806	-0.0135	-2.5 to 2.5	Pass
				-30	3.85	-51.813	-0.0272	-2.5 to 2.5	Pass
				-20	3.85	-17.467	-0.0092	-2.5 to 2.5	Pass
				-10	3.85	-25.735	-0.0135	-2.5 to 2.5	Pass
				0	3.85	-28.481	-0.0150	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
30				3.85	-8.898	-0.0047	-2.5 to 2.5	Pass	
40				3.85	-8.354	-0.0044	-2.5 to 2.5	Pass	
50	3.85	-10.643	-0.0056	-2.5 to 2.5	Pass				
16QAM	1855	50	0	20	3.27	-36.364	-0.0196	-2.5 to 2.5	Pass
					3.85	-15.864	-0.0086	-2.5 to 2.5	Pass
					4.43	-27.766	-0.0150	-2.5 to 2.5	Pass
				-30	3.85	-43.001	-0.0232	-2.5 to 2.5	Pass
				-20	3.85	-37.308	-0.0201	-2.5 to 2.5	Pass
				-10	3.85	-30.999	-0.0167	-2.5 to 2.5	Pass
				0	3.85	-40.741	-0.0220	-2.5 to 2.5	Pass
				10	3.85	-35.820	-0.0193	-2.5 to 2.5	Pass
				30	3.85	-34.976	-0.0189	-2.5 to 2.5	Pass
				40	3.85	-30.713	-0.0166	-2.5 to 2.5	Pass
	50	3.85	-14.091	-0.0076	-2.5 to 2.5	Pass			
	1880	50	0	20	3.27	18.139	0.0096	-2.5 to 2.5	Pass
					3.85	16.909	0.0090	-2.5 to 2.5	Pass
					4.43	16.980	0.0090	-2.5 to 2.5	Pass

				-30	3.85	14.305	0.0076	-2.5 to 2.5	Pass
				-20	3.85	15.121	0.0080	-2.5 to 2.5	Pass
				-10	3.85	22.459	0.0119	-2.5 to 2.5	Pass
				0	3.85	25.921	0.0138	-2.5 to 2.5	Pass
				10	3.85	28.095	0.0149	-2.5 to 2.5	Pass
				30	3.85	34.661	0.0184	-2.5 to 2.5	Pass
				40	3.85	31.171	0.0166	-2.5 to 2.5	Pass
				50	3.85	30.355	0.0161	-2.5 to 2.5	Pass
	1905	50	0	20	3.27	-11.301	-0.0059	-2.5 to 2.5	Pass
					3.85	-11.873	-0.0062	-2.5 to 2.5	Pass
					4.43	-23.289	-0.0122	-2.5 to 2.5	Pass
				-30	3.85	-19.870	-0.0104	-2.5 to 2.5	Pass
				-20	3.85	-16.279	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-18.840	-0.0099	-2.5 to 2.5	Pass
				0	3.85	-18.368	-0.0096	-2.5 to 2.5	Pass
				10	3.85	-18.010	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-15.321	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-13.661	-0.0072	-2.5 to 2.5	Pass
50	3.85	-12.617	-0.0066	-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	-2.704	-0.0015	-2.5 to 2.5	Pass
					3.85	-18.368	-0.0099	-2.5 to 2.5	Pass
					4.43	-25.220	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-19.698	-0.0106	-2.5 to 2.5	Pass
				-20	3.85	-20.499	-0.0110	-2.5 to 2.5	Pass
				-10	3.85	-25.692	-0.0138	-2.5 to 2.5	Pass
				0	3.85	-13.504	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-11.616	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-9.770	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-10.014	-0.0054	-2.5 to 2.5	Pass
	50	3.85	-6.137	-0.0033	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	18.783	0.0100	-2.5 to 2.5	Pass
					3.85	9.141	0.0049	-2.5 to 2.5	Pass
					4.43	5.279	0.0028	-2.5 to 2.5	Pass
				-30	3.85	8.168	0.0043	-2.5 to 2.5	Pass
				-20	3.85	8.998	0.0048	-2.5 to 2.5	Pass
				-10	3.85	16.494	0.0088	-2.5 to 2.5	Pass
				0	3.85	19.083	0.0102	-2.5 to 2.5	Pass
				10	3.85	12.732	0.0068	-2.5 to 2.5	Pass
				30	3.85	25.392	0.0135	-2.5 to 2.5	Pass
				40	3.85	31.557	0.0168	-2.5 to 2.5	Pass
	50	3.85	38.581	0.0205	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	5.808	0.0031	-2.5 to 2.5	Pass
					3.85	-2.275	-0.0012	-2.5 to 2.5	Pass
					4.43	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	8.411	0.0044	-2.5 to 2.5	Pass
				-20	3.85	17.595	0.0092	-2.5 to 2.5	Pass
				-10	3.85	25.606	0.0135	-2.5 to 2.5	Pass
				0	3.85	32.430	0.0170	-2.5 to 2.5	Pass
				10	3.85	32.616	0.0171	-2.5 to 2.5	Pass
30				3.85	4.807	0.0025	-2.5 to 2.5	Pass	
40				3.85	-6.695	-0.0035	-2.5 to 2.5	Pass	

16QAM	1857.5	75	0	50	3.85	-6.366	-0.0033	-2.5 to 2.5	Pass
				20	3.27	-5.064	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.762	-0.0020	-2.5 to 2.5	Pass
					4.43	-12.517	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-7.381	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-7.954	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-9.656	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-11.001	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-3.390	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-3.319	-0.0018	-2.5 to 2.5	Pass
	40	3.85	-10.242	-0.0055	-2.5 to 2.5	Pass			
	50	3.85	-16.580	-0.0089	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	36.721	0.0195	-2.5 to 2.5	Pass
					3.85	33.073	0.0176	-2.5 to 2.5	Pass
					4.43	21.801	0.0116	-2.5 to 2.5	Pass
				-30	3.85	20.714	0.0110	-2.5 to 2.5	Pass
				-20	3.85	18.854	0.0100	-2.5 to 2.5	Pass
				-10	3.85	24.991	0.0133	-2.5 to 2.5	Pass
				0	3.85	18.582	0.0099	-2.5 to 2.5	Pass
				10	3.85	24.891	0.0132	-2.5 to 2.5	Pass
				30	3.85	18.611	0.0099	-2.5 to 2.5	Pass
				40	3.85	20.328	0.0108	-2.5 to 2.5	Pass
	50	3.85	22.001	0.0117	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	5.651	0.0030	-2.5 to 2.5	Pass
					3.85	4.449	0.0023	-2.5 to 2.5	Pass
					4.43	9.956	0.0052	-2.5 to 2.5	Pass
				-30	3.85	1.631	0.0009	-2.5 to 2.5	Pass
				-20	3.85	3.405	0.0018	-2.5 to 2.5	Pass
				-10	3.85	5.708	0.0030	-2.5 to 2.5	Pass
				0	3.85	11.945	0.0063	-2.5 to 2.5	Pass
10				3.85	-2.418	-0.0013	-2.5 to 2.5	Pass	
30				3.85	-12.732	-0.0067	-2.5 to 2.5	Pass	
40				3.85	-16.809	-0.0088	-2.5 to 2.5	Pass	
50	3.85	-15.235	-0.0080	-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	-8.354	-0.0045	-2.5 to 2.5	Pass
					3.85	-20.599	-0.0111	-2.5 to 2.5	Pass
					4.43	-25.964	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-34.490	-0.0185	-2.5 to 2.5	Pass
				-20	3.85	-37.937	-0.0204	-2.5 to 2.5	Pass
				-10	3.85	-35.720	-0.0192	-2.5 to 2.5	Pass
				0	3.85	-38.137	-0.0205	-2.5 to 2.5	Pass
				10	3.85	-28.410	-0.0153	-2.5 to 2.5	Pass
				30	3.85	-17.252	-0.0093	-2.5 to 2.5	Pass
				40	3.85	-11.430	-0.0061	-2.5 to 2.5	Pass
	50	3.85	-14.577	-0.0078	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	7.195	0.0038	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0035	-2.5 to 2.5	Pass
					4.43	-0.029	0.0000	-2.5 to 2.5	Pass
				-30	3.85	8.240	0.0044	-2.5 to 2.5	Pass
				-20	3.85	12.045	0.0064	-2.5 to 2.5	Pass
				-10	3.85	10.428	0.0055	-2.5 to 2.5	Pass

				0	3.85	26.608	0.0142	-2.5 to 2.5	Pass				
				10	3.85	29.526	0.0157	-2.5 to 2.5	Pass				
				30	3.85	35.706	0.0190	-2.5 to 2.5	Pass				
				40	3.85	-8.254	-0.0044	-2.5 to 2.5	Pass				
				50	3.85	-5.536	-0.0029	-2.5 to 2.5	Pass				
	1900	100	0	20	3.27	-15.807	-0.0083	-2.5 to 2.5	Pass				
					3.85	-19.240	-0.0101	-2.5 to 2.5	Pass				
					4.43	-11.787	-0.0062	-2.5 to 2.5	Pass				
				-30	3.85	-3.819	-0.0020	-2.5 to 2.5	Pass				
				-20	3.85	23.789	0.0125	-2.5 to 2.5	Pass				
				-10	3.85	33.617	0.0177	-2.5 to 2.5	Pass				
				0	3.85	42.744	0.0225	-2.5 to 2.5	Pass				
				10	3.85	38.967	0.0205	-2.5 to 2.5	Pass				
				30	3.85	31.900	0.0168	-2.5 to 2.5	Pass				
				40	3.85	38.695	0.0204	-2.5 to 2.5	Pass				
				50	3.85	41.313	0.0217	-2.5 to 2.5	Pass				
				16QAM	1860	100	0	20	3.27	-9.384	-0.0050	-2.5 to 2.5	Pass
									3.85	-3.290	-0.0018	-2.5 to 2.5	Pass
									4.43	-3.276	-0.0018	-2.5 to 2.5	Pass
-30	3.85	-6.680	-0.0036					-2.5 to 2.5	Pass				
-20	3.85	-0.057	0.0000					-2.5 to 2.5	Pass				
-10	3.85	2.675	0.0014					-2.5 to 2.5	Pass				
0	3.85	2.761	0.0015					-2.5 to 2.5	Pass				
10	3.85	5.879	0.0032					-2.5 to 2.5	Pass				
30	3.85	0.029	0.0000					-2.5 to 2.5	Pass				
40	3.85	-0.730	-0.0004					-2.5 to 2.5	Pass				
50	3.85	1.259	0.0007					-2.5 to 2.5	Pass				
1880	100	0	20					3.27	-8.887	-0.0005	-2.5 to 2.5	Pass	
								3.85	-8.898	-0.0047	-2.5 to 2.5	Pass	
								4.43	-15.321	-0.0081	-2.5 to 2.5	Pass	
			-30		3.85	-17.552	-0.0093	-2.5 to 2.5	Pass				
			-20		3.85	-19.870	-0.0106	-2.5 to 2.5	Pass				
			-10		3.85	-26.822	-0.0143	-2.5 to 2.5	Pass				
			0		3.85	-25.020	-0.0133	-2.5 to 2.5	Pass				
			10		3.85	-26.865	-0.0143	-2.5 to 2.5	Pass				
			30		3.85	-18.010	-0.0096	-2.5 to 2.5	Pass				
			40		3.85	-16.809	-0.0089	-2.5 to 2.5	Pass				
			50		3.85	-15.807	-0.0084	-2.5 to 2.5	Pass				
			1900		100	0	20	3.27	8.254	0.0043	-2.5 to 2.5	Pass	
								3.85	13.533	0.0071	-2.5 to 2.5	Pass	
								4.43	1.216	0.0006	-2.5 to 2.5	Pass	
							-30	3.85	-15.736	-0.0083	-2.5 to 2.5	Pass	
-20	3.85	-9.456					-0.0050	-2.5 to 2.5	Pass				
-10	3.85	-17.295					-0.0091	-2.5 to 2.5	Pass				
0	3.85	-14.520					-0.0076	-2.5 to 2.5	Pass				
10	3.85	-14.405		-0.0076			-2.5 to 2.5	Pass					
30	3.85	-22.316		-0.0117			-2.5 to 2.5	Pass					
40	3.85	-25.220		-0.0133			-2.5 to 2.5	Pass					
50	3.85	-35.019		-0.0184			-2.5 to 2.5	Pass					

### 3. Modulation Characteristics

#### 3.1 Test Result

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

Band: 2 / Bandwidth: 1.4MHz / NTNV						
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

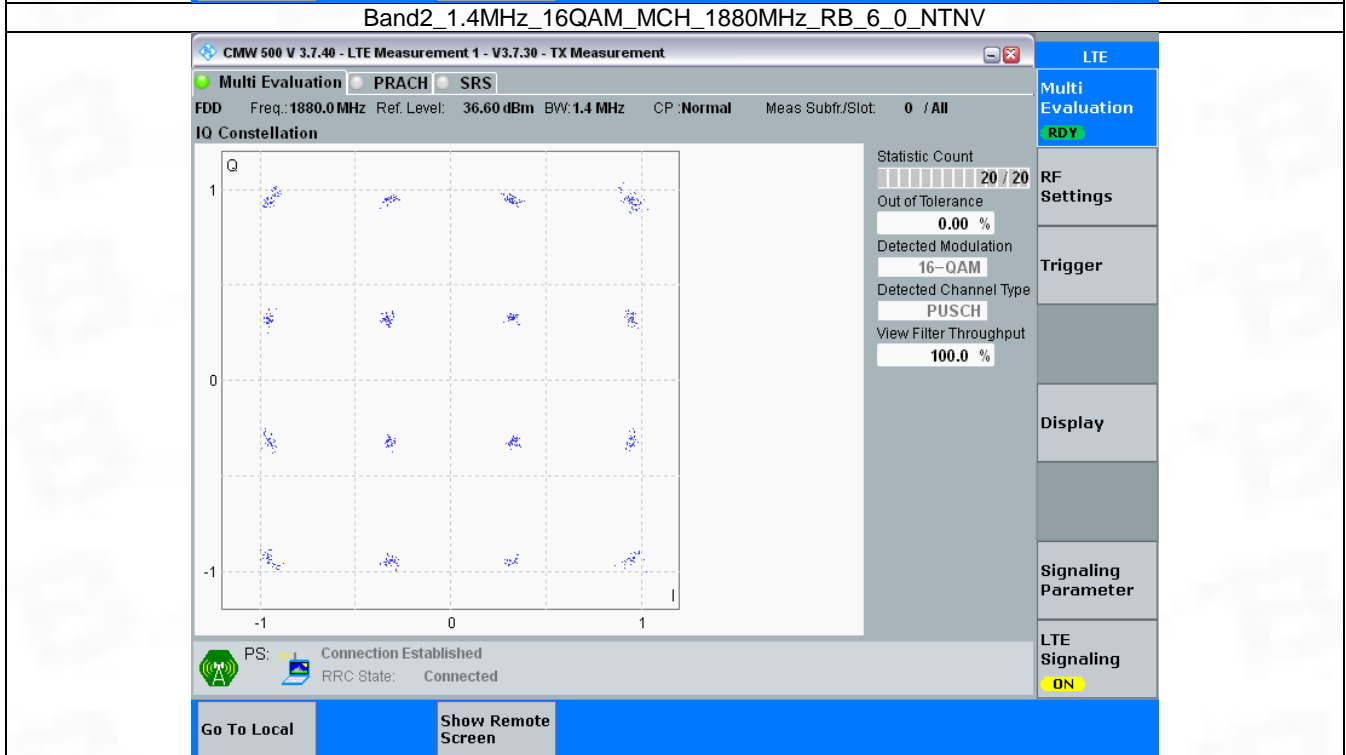
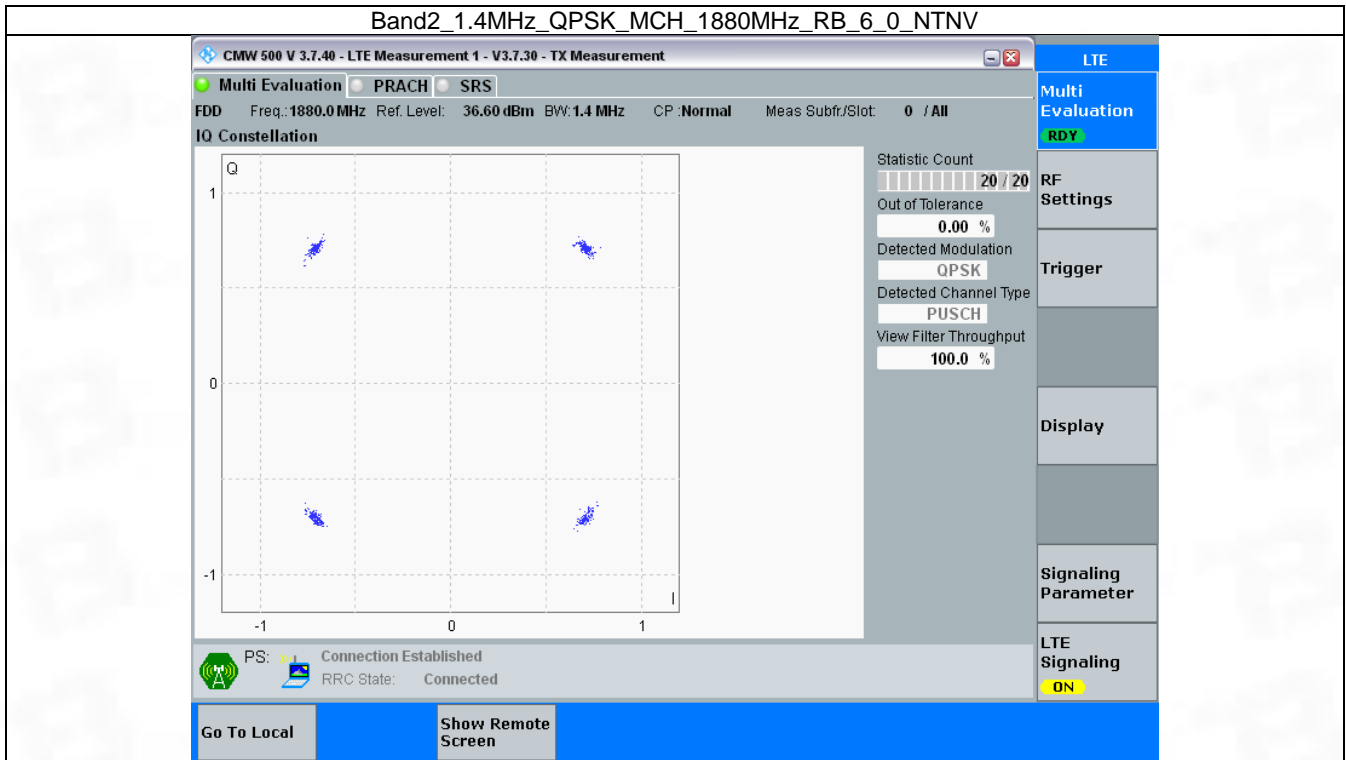
Band: 2 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

### 3.1.6 B2\_20MHz

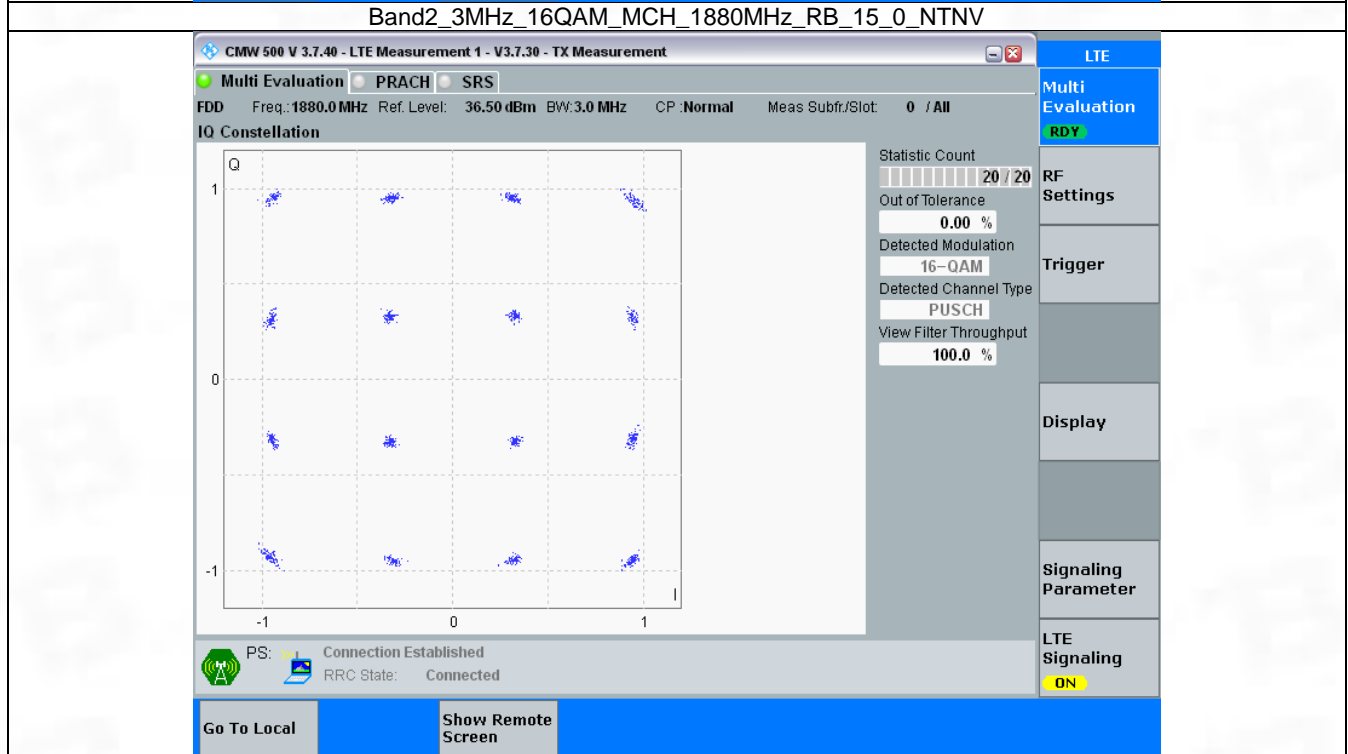
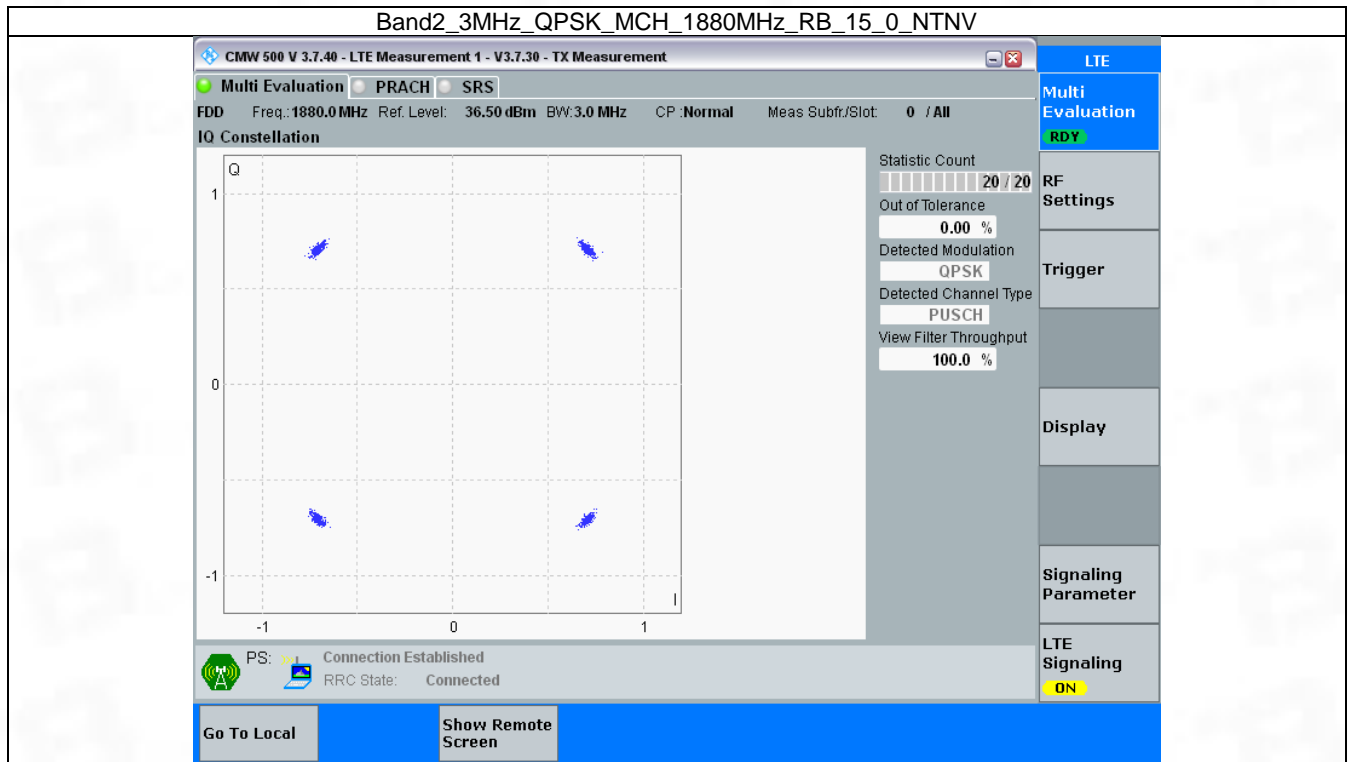
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

### 3.2 Test Graph

#### 3.2.1 B2\_1.4MHz



### 3.2.2 B2\_3MHz





### 3.2.3 B2\_5MHz

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 36.60 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count: 20 / 20

Out of Tolerance: 0.00 %

Detected Modulation: QPSK

Detected Channel Type: PUSCH

View Filter Throughput: 100.0 %

LTE

Multi Evaluation **RDY**

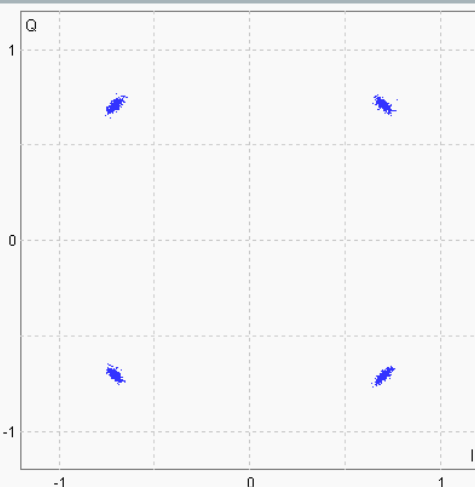
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **ON**



PS: Connection Established

RRC State: Connected

Go To Local
Show Remote Screen

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 36.60 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / 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 %

LTE

Multi Evaluation **RDY**

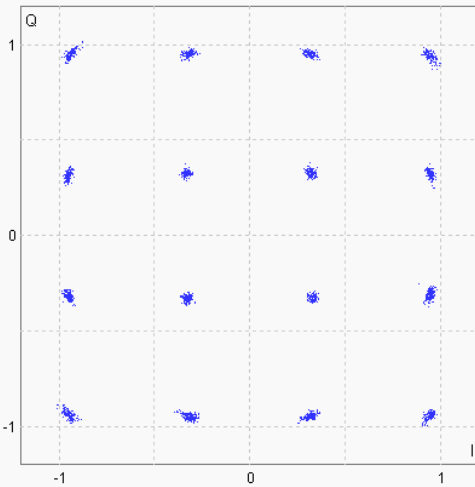
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling **ON**



PS: Connection Established

RRC State: Connected

Go To Local
Show Remote Screen

### 3.2.4 B2\_10MHz

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 37.10 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count  
20 / 20

Out of Tolerance  
0.00 %

Detected Modulation  
QPSK

Detected Channel Type  
PUSCH

View Filter Throughput  
100.0 %

LTE

Multi Evaluation  
**RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**

PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 37.10 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / 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 %

LTE

Multi Evaluation  
**RDY**

RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**

PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

### 3.2.5 B2\_15MHz

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 36.60 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count  
20 / 20

Out of Tolerance  
0.00 %

Detected Modulation  
QPSK

Detected Channel Type  
PUSCH

View Filter Throughput  
100.0 %

LTE

Multi Evaluation  
**RDY**

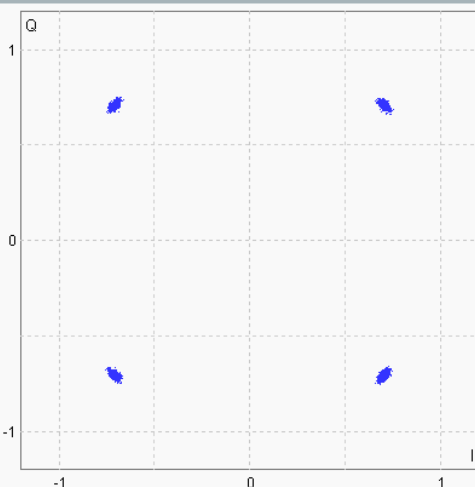
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 36.60 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / 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 %

LTE

Multi Evaluation  
**RDY**

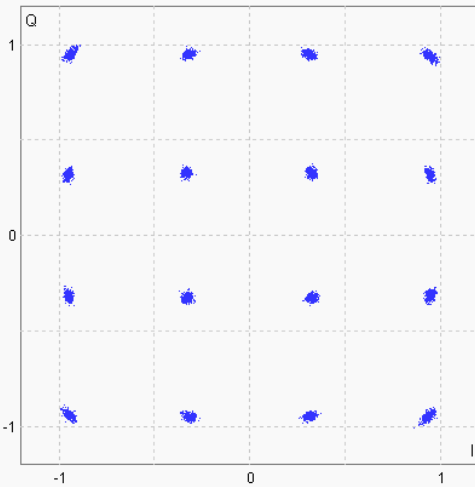
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

### 3.2.6 B2\_20MHz

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 36.90 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All

IQ Constellation

Statistic Count  
20 / 20

Out of Tolerance  
0.00 %

Detected Modulation  
QPSK

Detected Channel Type  
PUSCH

View Filter Throughput  
100.0 %

LTE

Multi Evaluation  
**RDY**

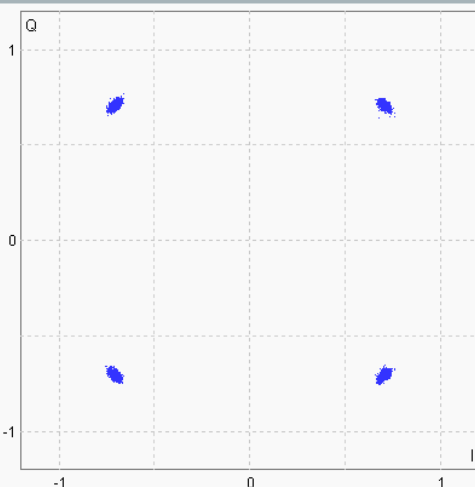
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

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

CMW 500 V 3.7.40 - LTE Measurement 1 - V3.7.30 - TX Measurement

Multi Evaluation PRACH SRS

FDD Freq.: 1880.0 MHz Ref. Level: 36.90 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / 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 %

LTE

Multi Evaluation  
**RDY**

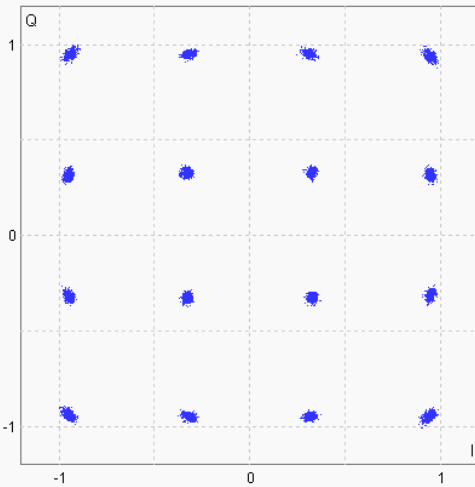
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling  
**ON**



PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

## 4. 99% & 26dB Bandwidth

### 4.1 Test Result

#### 4.1.1 Band2\_OBW

Band: 2 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1850.7	6	0	1.114	/	Pass
		1880	6	0	1.111	/	Pass
		1909.3	6	0	1.111	/	Pass
	16QAM	1850.7	6	0	1.113	/	Pass
		1880	6	0	1.112	/	Pass
		1909.3	6	0	1.106	/	Pass
3	QPSK	1851.5	15	0	2.759	/	Pass
		1880	15	0	2.749	/	Pass
		1908.5	15	0	2.764	/	Pass
	16QAM	1851.5	15	0	2.756	/	Pass
		1880	15	0	2.744	/	Pass
		1908.5	15	0	2.775	/	Pass
5	QPSK	1852.5	25	0	4.568	/	Pass
		1880	25	0	4.547	/	Pass
		1907.5	25	0	4.551	/	Pass
	16QAM	1852.5	25	0	4.562	/	Pass
		1880	25	0	4.563	/	Pass
		1907.5	25	0	4.567	/	Pass
10	QPSK	1855	50	0	9.060	/	Pass
		1880	50	0	9.064	/	Pass
		1905	50	0	9.092	/	Pass
	16QAM	1855	50	0	9.084	/	Pass
		1880	50	0	9.058	/	Pass
		1905	50	0	9.076	/	Pass
15	QPSK	1857.5	75	0	13.616	/	Pass
		1880	75	0	13.600	/	Pass
		1902.5	75	0	13.572	/	Pass
	16QAM	1857.5	75	0	13.619	/	Pass
		1880	75	0	13.691	/	Pass
		1902.5	75	0	13.611	/	Pass
20	QPSK	1860	100	0	18.111	/	Pass
		1880	100	0	18.230	/	Pass
		1900	100	0	18.122	/	Pass
	16QAM	1860	100	0	18.154	/	Pass
		1880	100	0	18.202	/	Pass
		1900	100	0	18.160	/	Pass

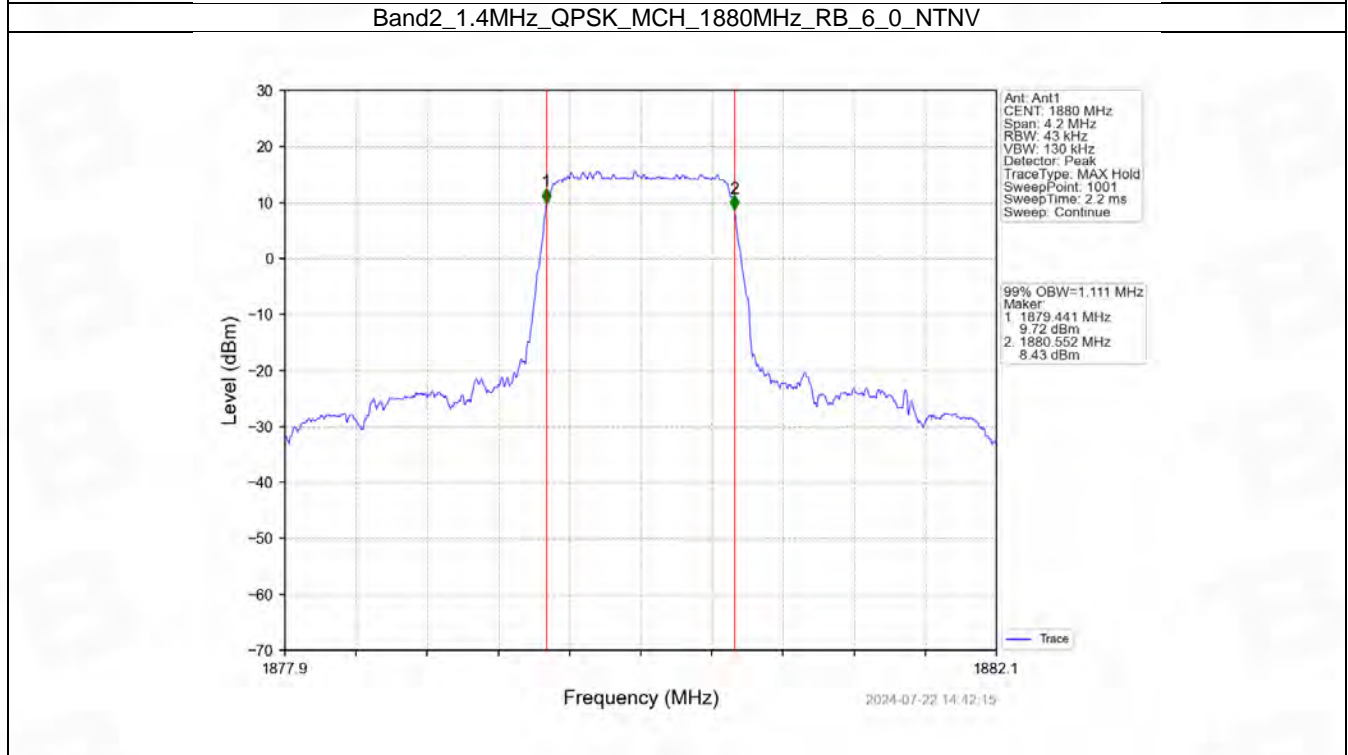
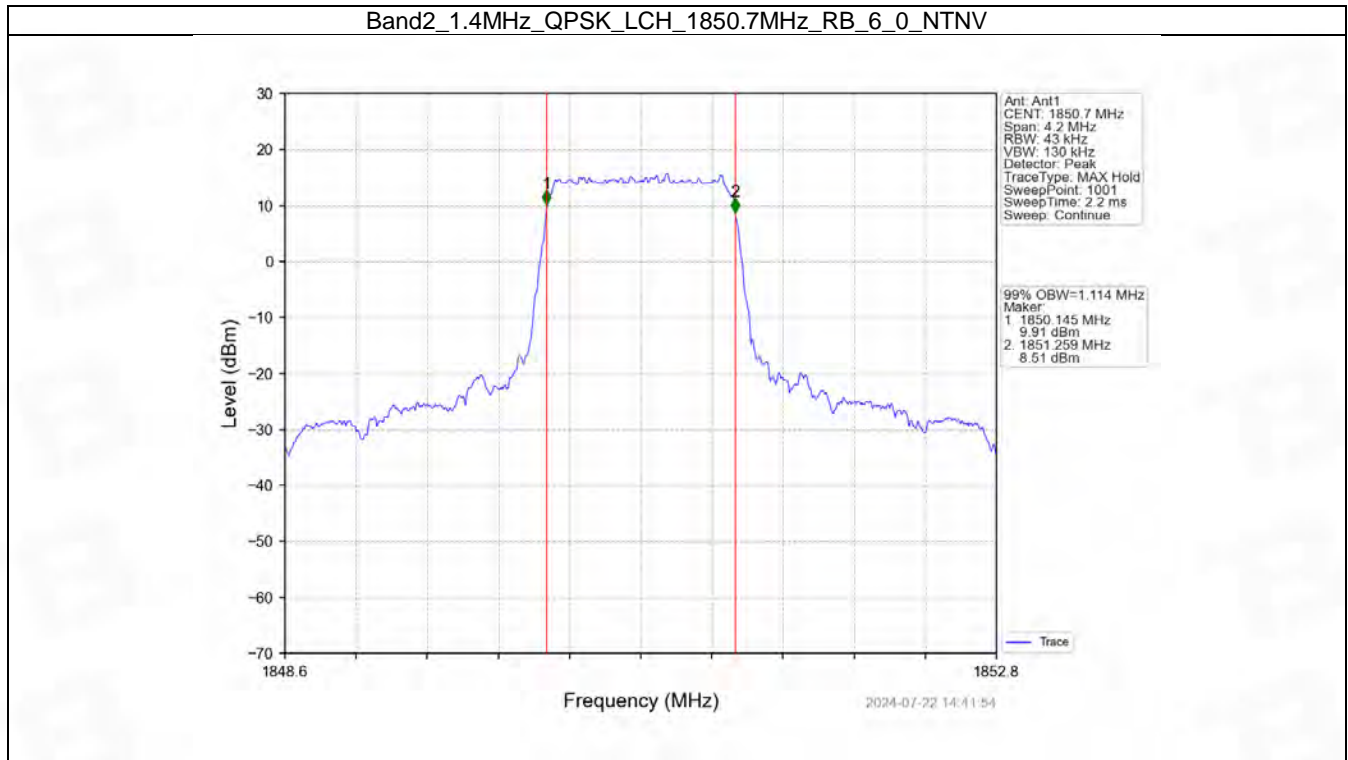
#### 4.1.2 Band2\_XDB

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	1.279	/	Pass
		1880	6	0	1.280	/	Pass
		1909.3	6	0	1.283	/	Pass

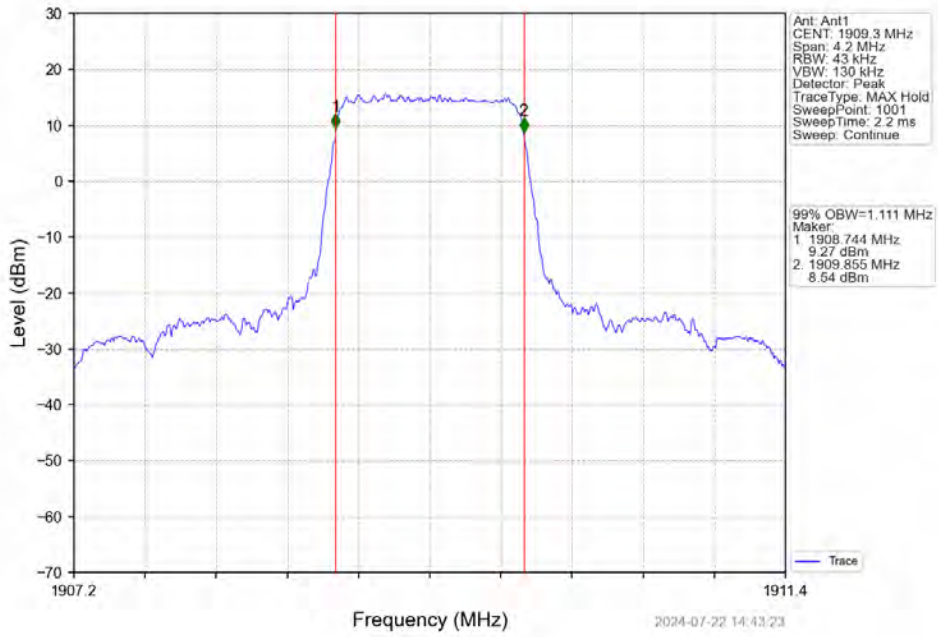
	16QAM	1850.7	6	0	1.275	/	Pass
		1880	6	0	1.275	/	Pass
		1909.3	6	0	1.272	/	Pass
3	QPSK	1851.5	15	0	3.106	/	Pass
		1880	15	0	3.085	/	Pass
		1908.5	15	0	3.092	/	Pass
	16QAM	1851.5	15	0	3.093	/	Pass
		1880	15	0	3.085	/	Pass
		1908.5	15	0	3.105	/	Pass
5	QPSK	1852.5	25	0	5.041	/	Pass
		1880	25	0	5.043	/	Pass
		1907.5	25	0	5.055	/	Pass
	16QAM	1852.5	25	0	5.056	/	Pass
		1880	25	0	5.086	/	Pass
		1907.5	25	0	5.069	/	Pass
10	QPSK	1855	50	0	10.067	/	Pass
		1880	50	0	10.043	/	Pass
		1905	50	0	10.018	/	Pass
	16QAM	1855	50	0	10.068	/	Pass
		1880	50	0	10.059	/	Pass
		1905	50	0	10.083	/	Pass
15	QPSK	1857.5	75	0	15.282	/	Pass
		1880	75	0	15.240	/	Pass
		1902.5	75	0	15.085	/	Pass
	16QAM	1857.5	75	0	15.133	/	Pass
		1880	75	0	15.209	/	Pass
		1902.5	75	0	15.198	/	Pass
20	QPSK	1860	100	0	20.023	/	Pass
		1880	100	0	20.087	/	Pass
		1900	100	0	19.931	/	Pass
	16QAM	1860	100	0	20.119	/	Pass
		1880	100	0	20.114	/	Pass
		1900	100	0	20.067	/	Pass

## 4.2 Test Graph

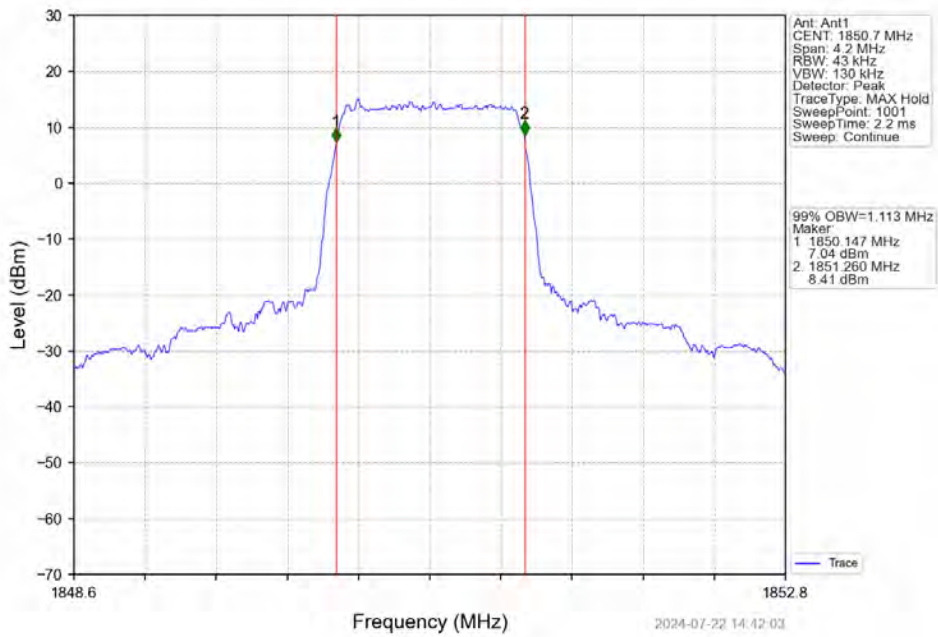
### 4.2.1 Band2\_OBW



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

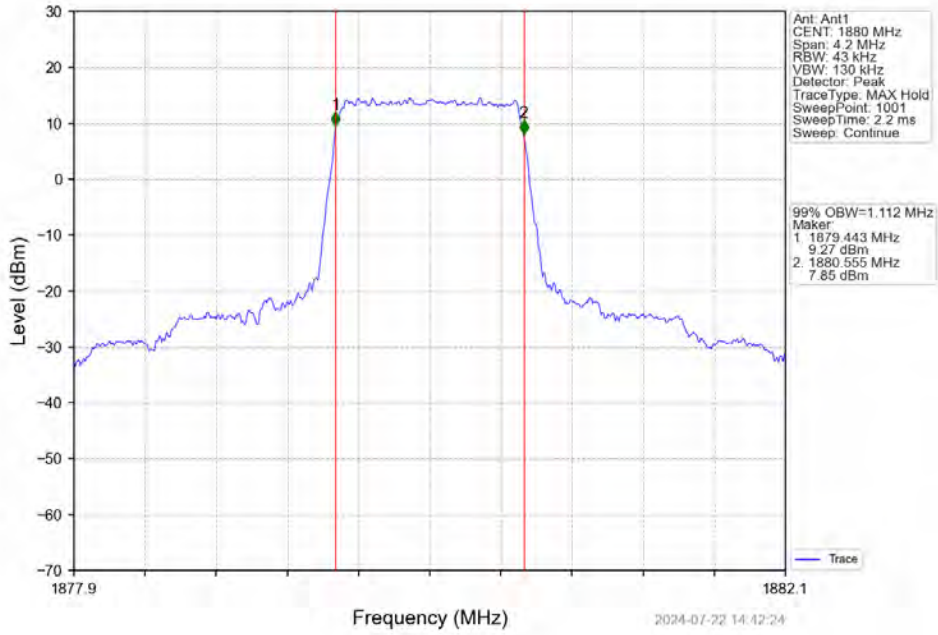


Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

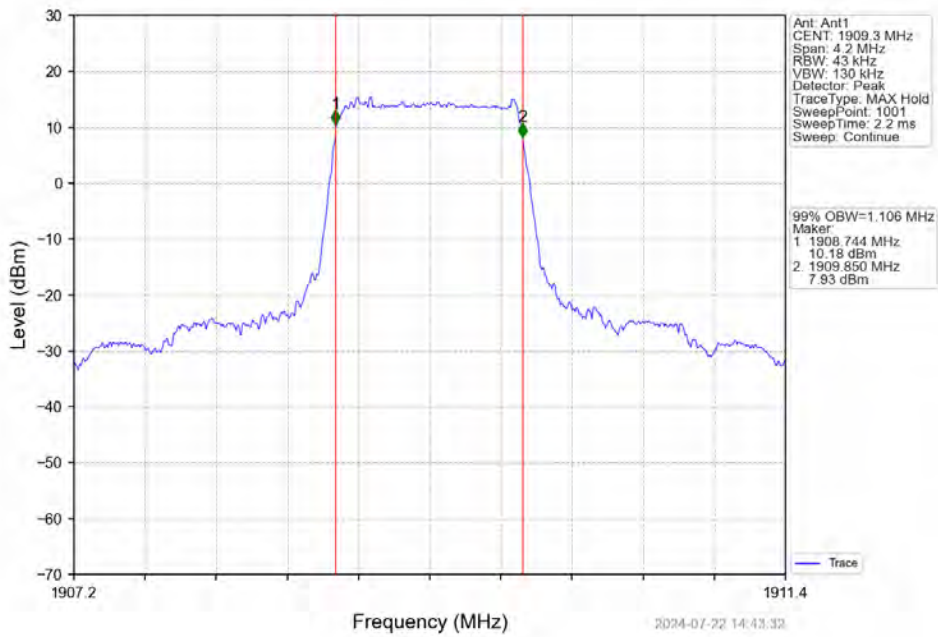




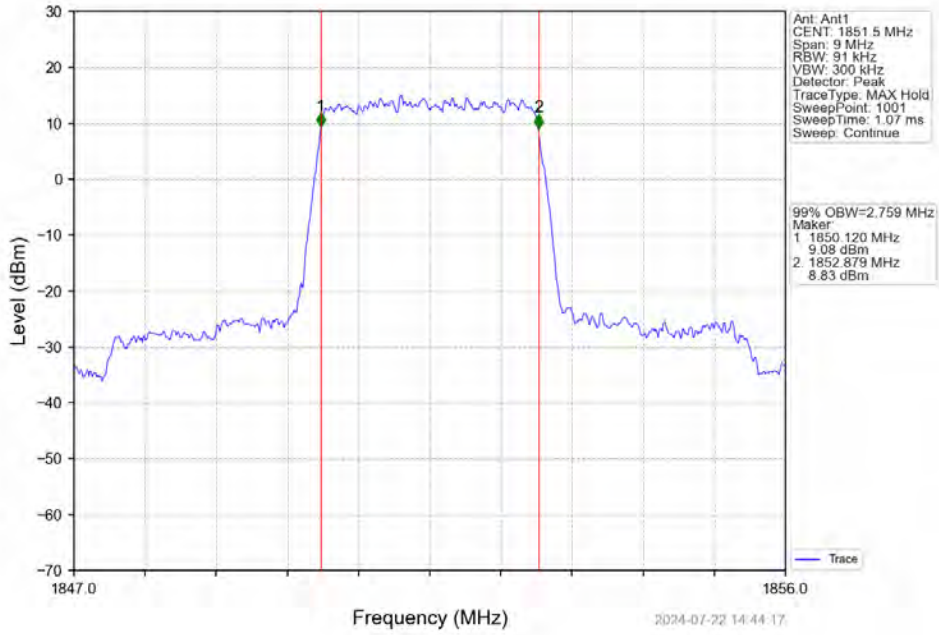
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



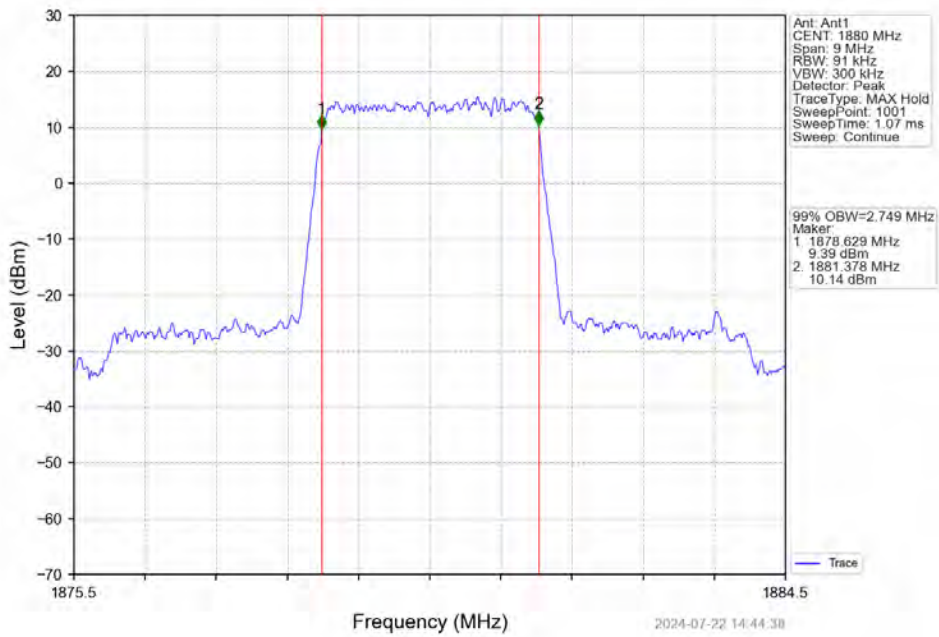
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



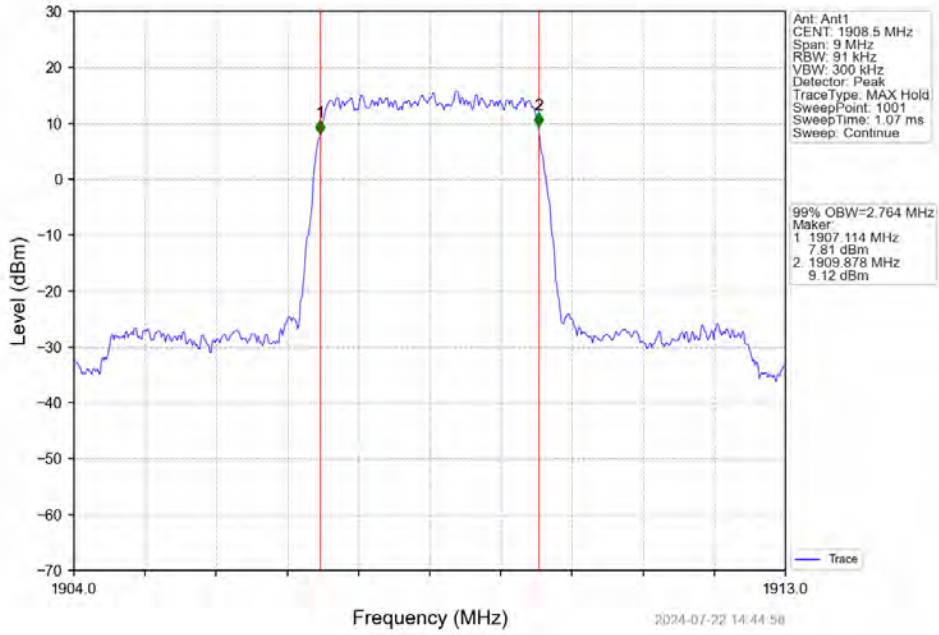
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



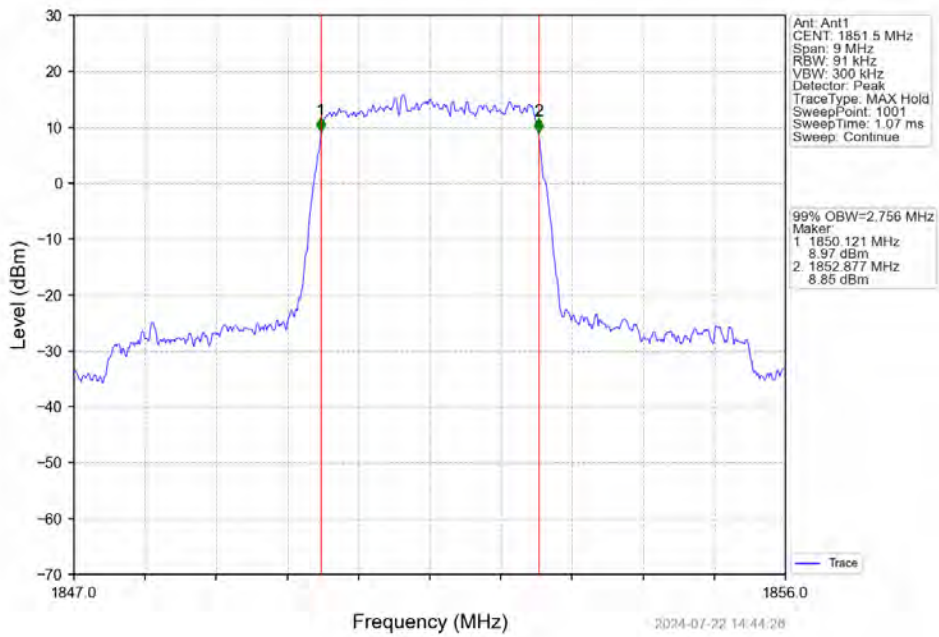
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



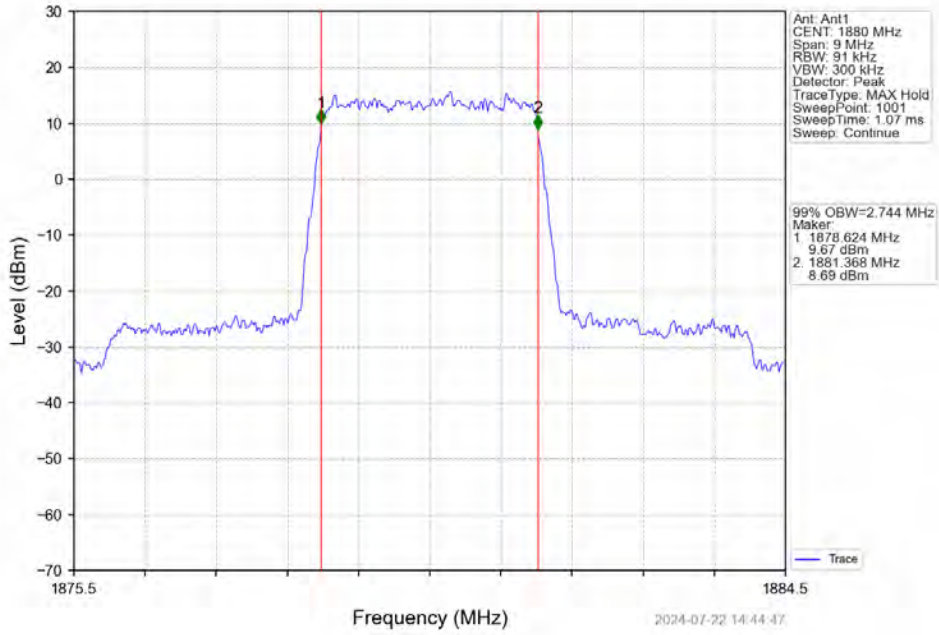
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



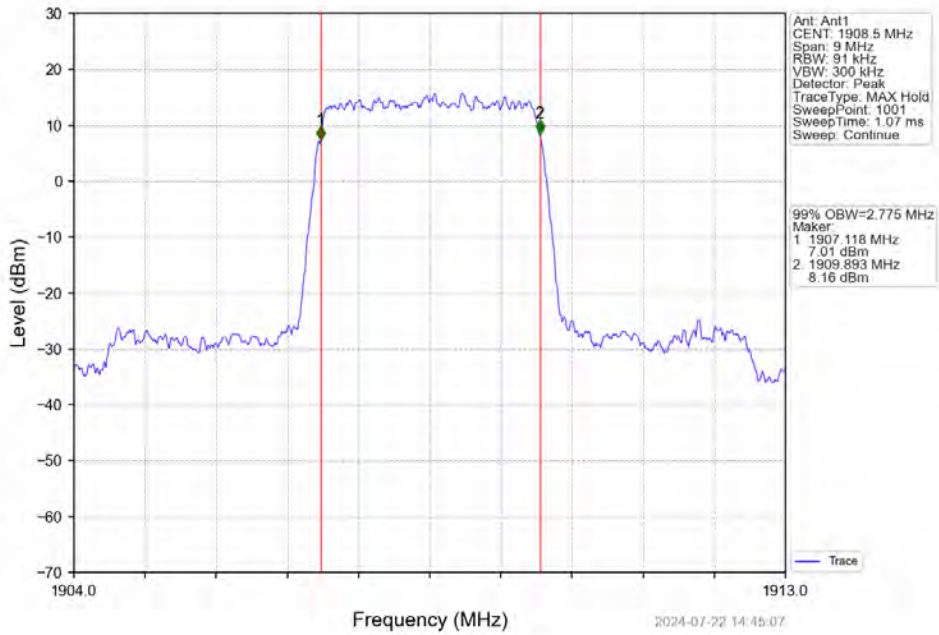
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



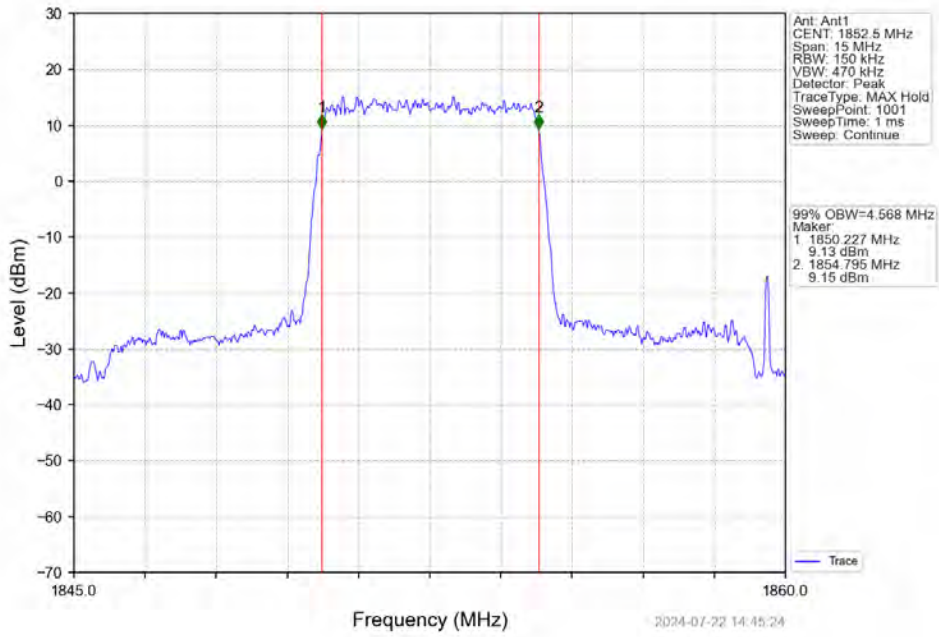
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



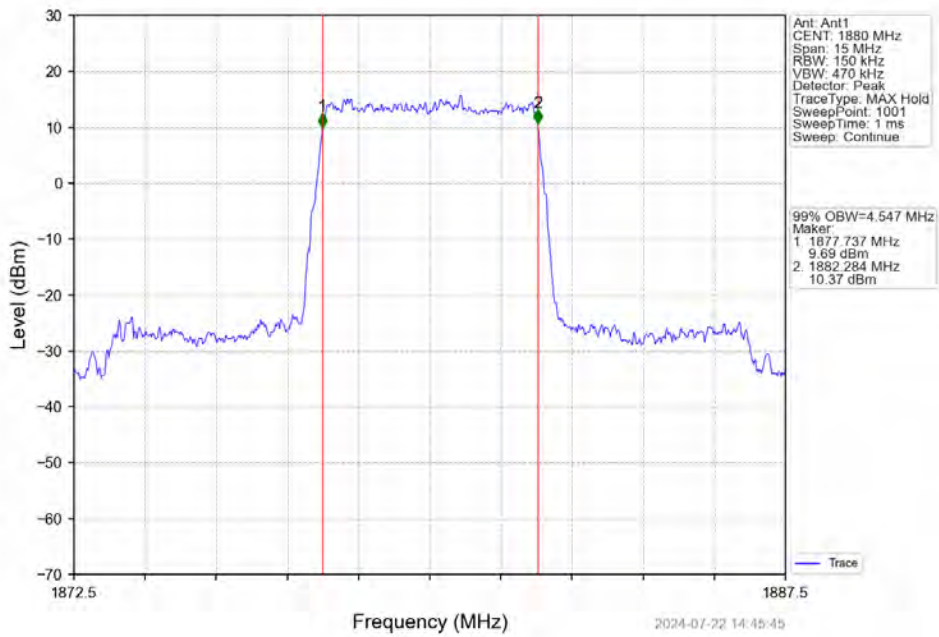
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



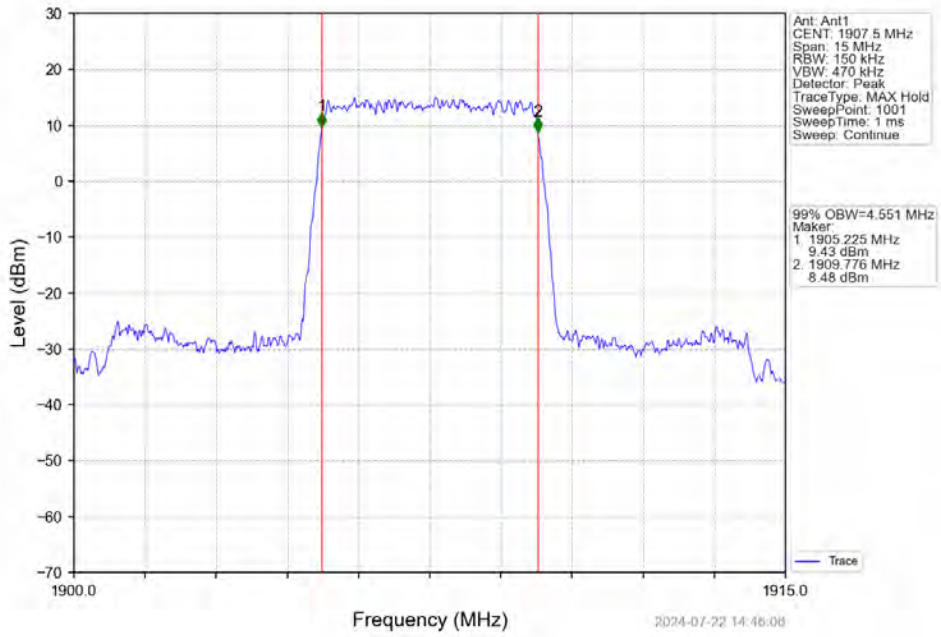
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



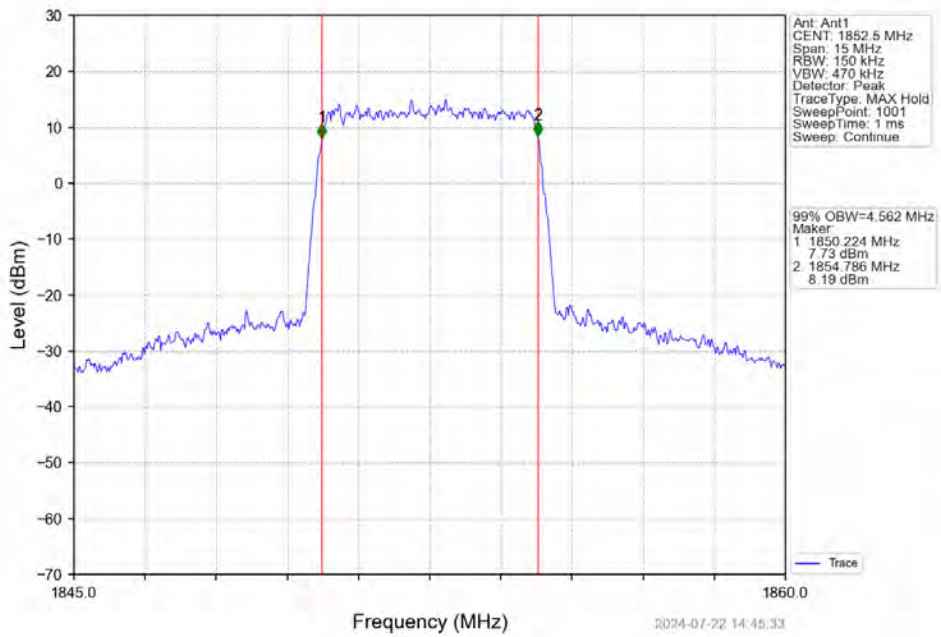
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



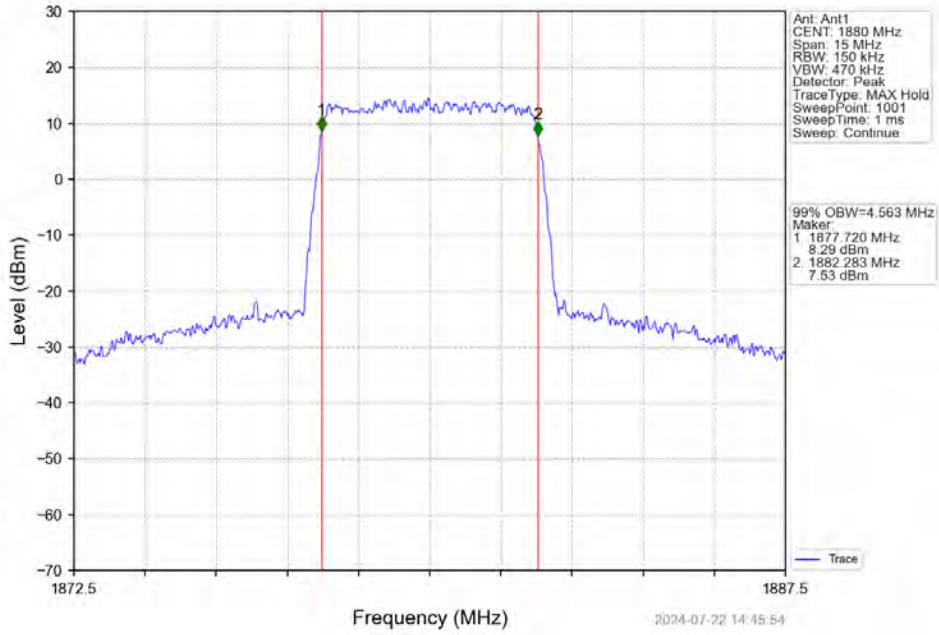
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



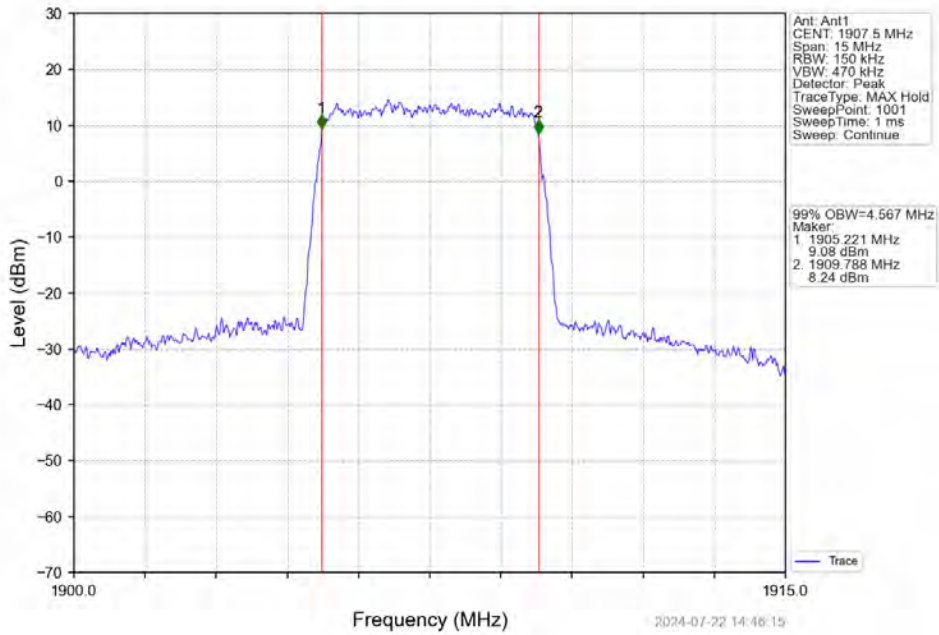
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



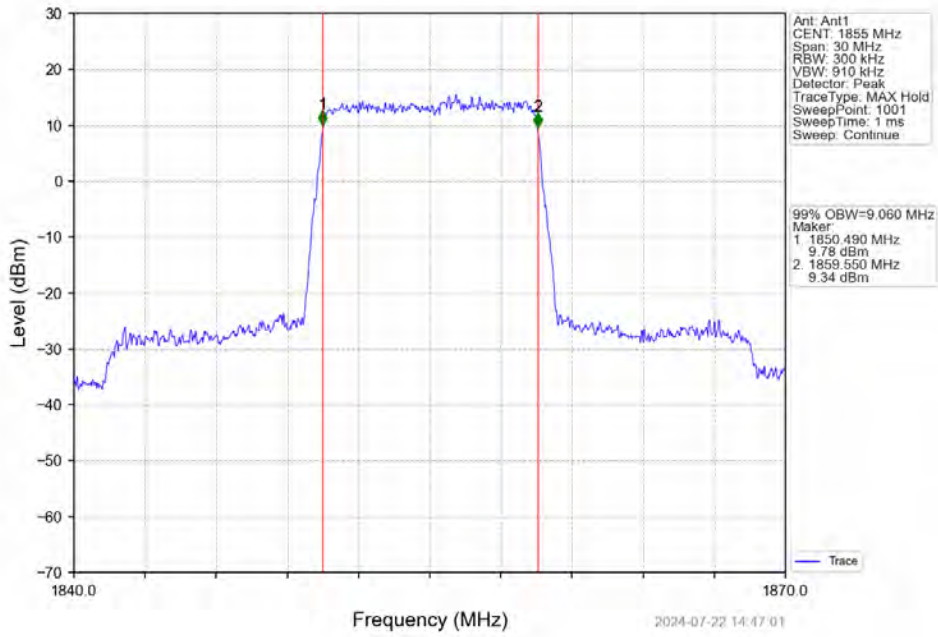
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



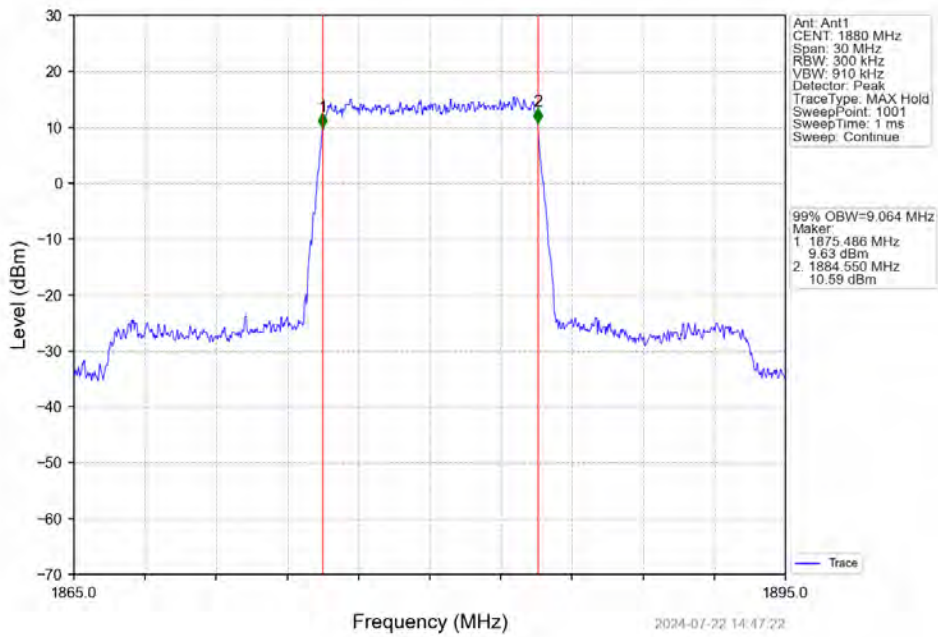
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



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

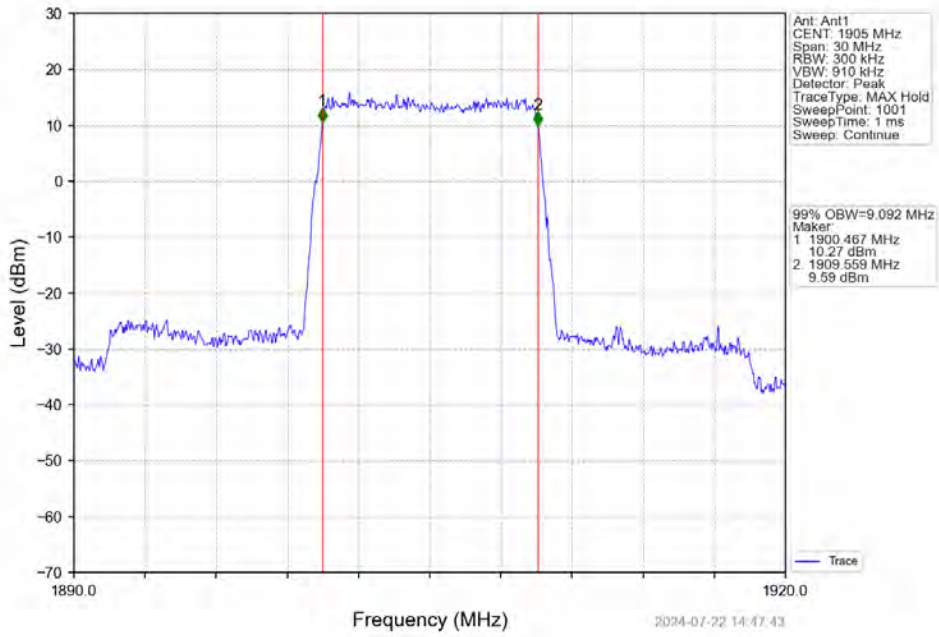


Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV

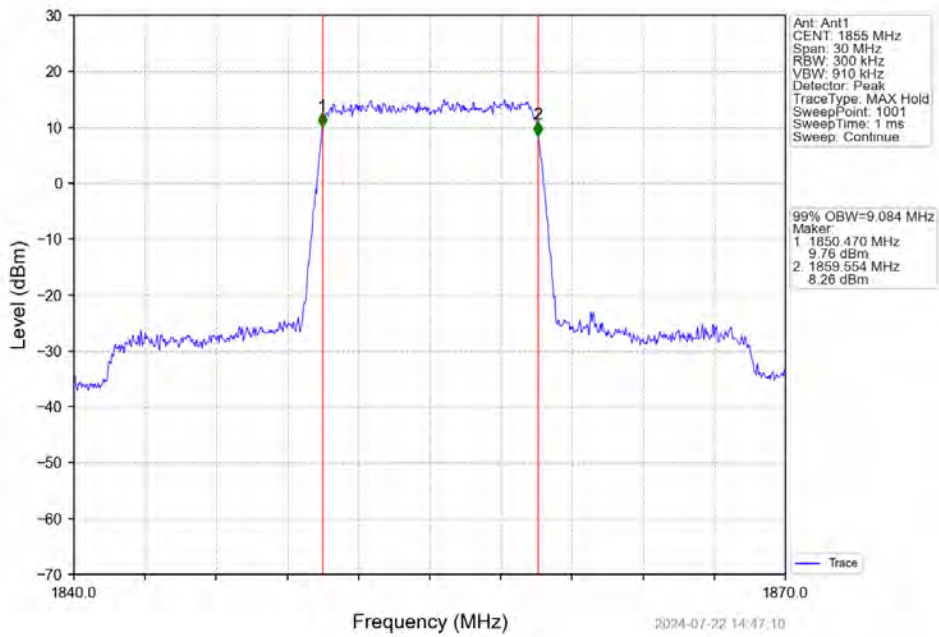




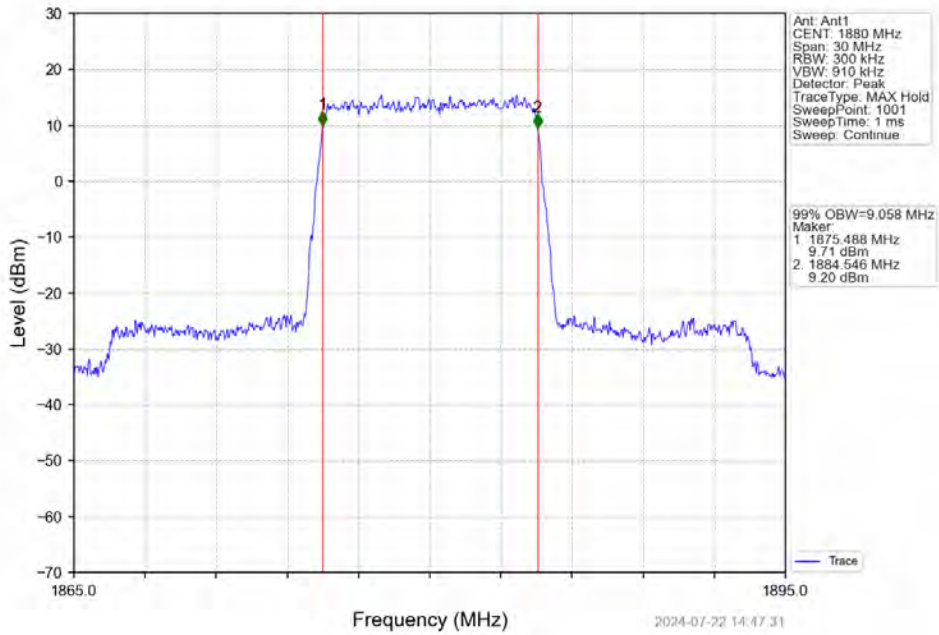
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



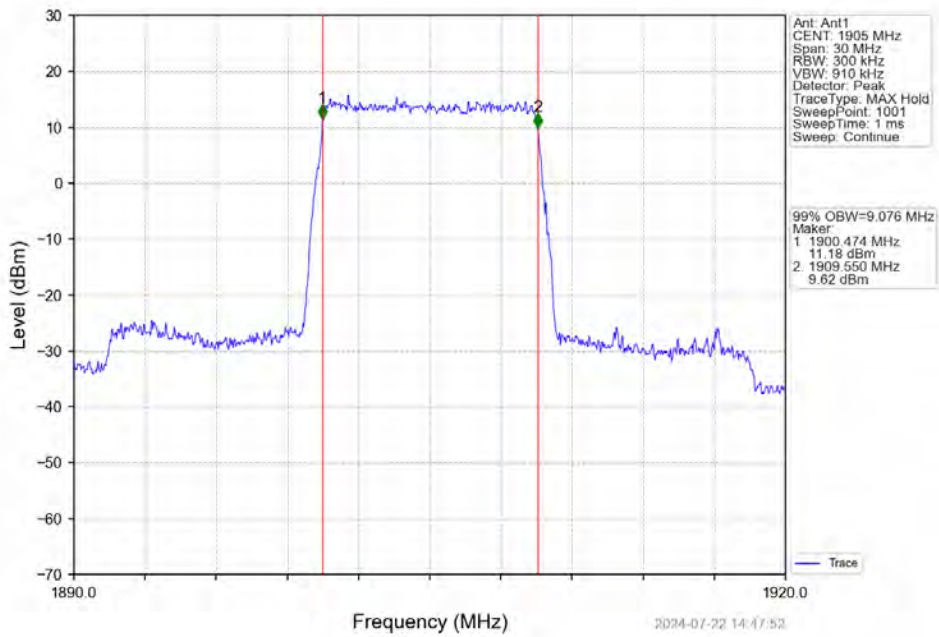
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



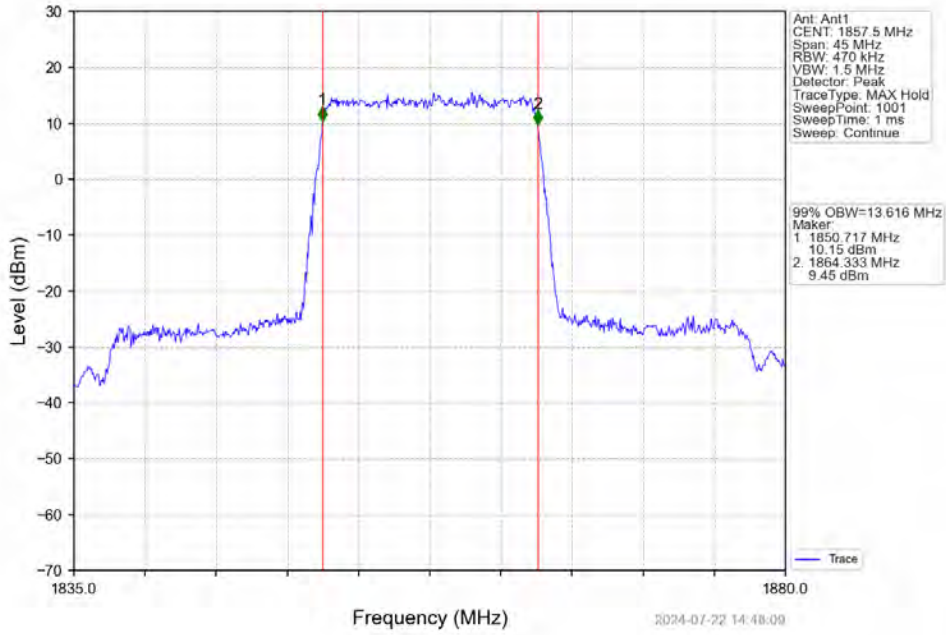
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



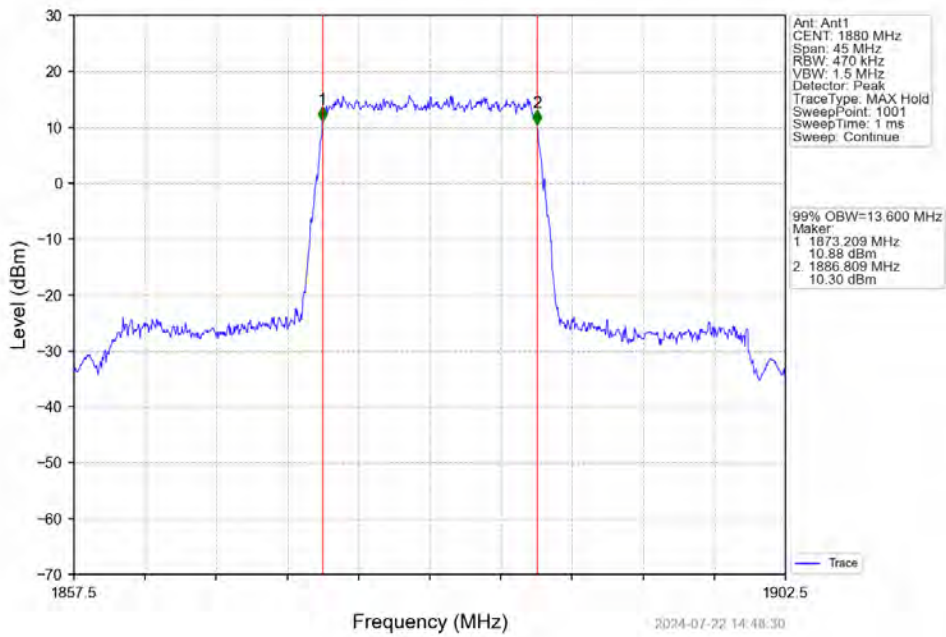
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



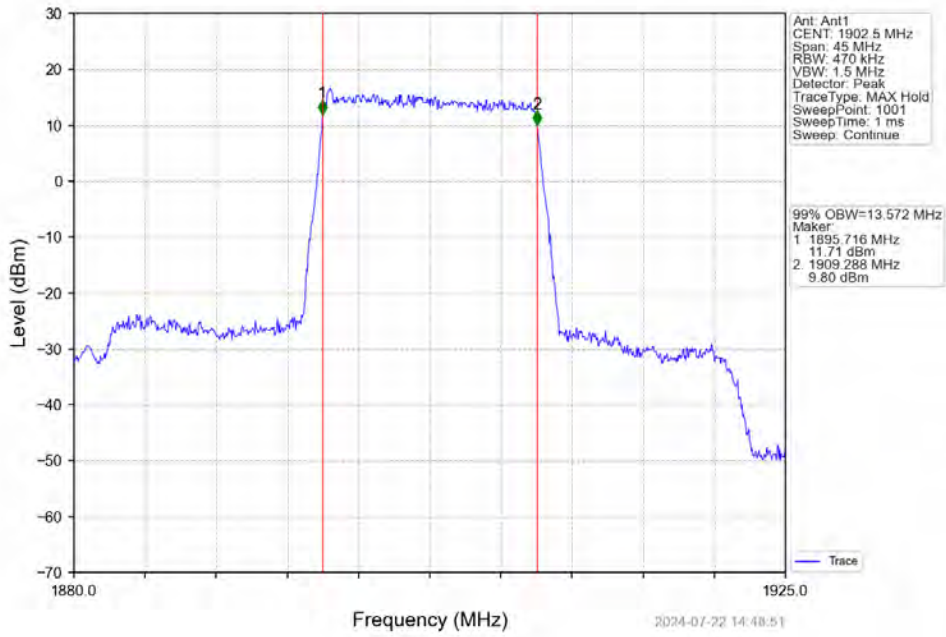
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



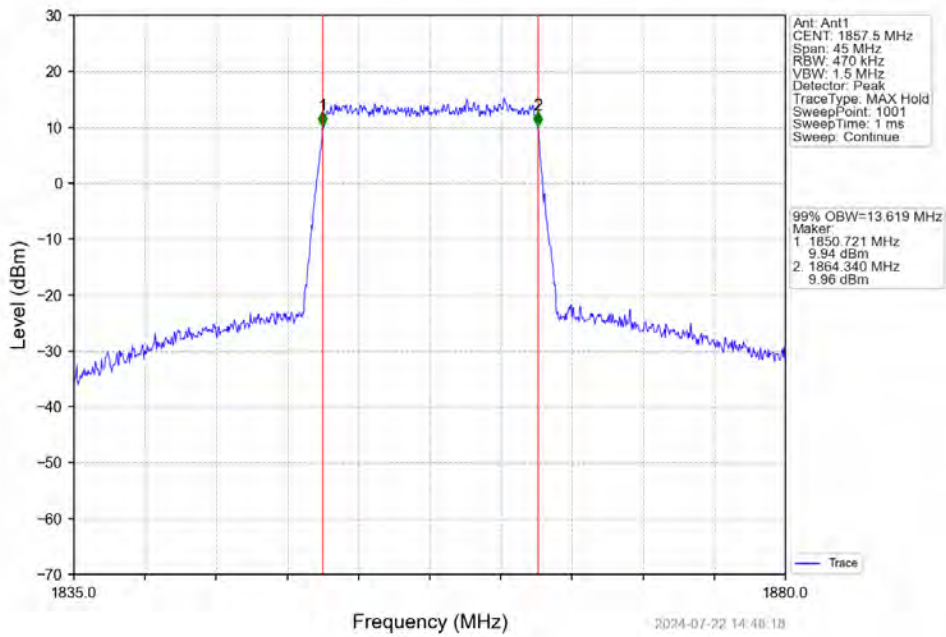
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



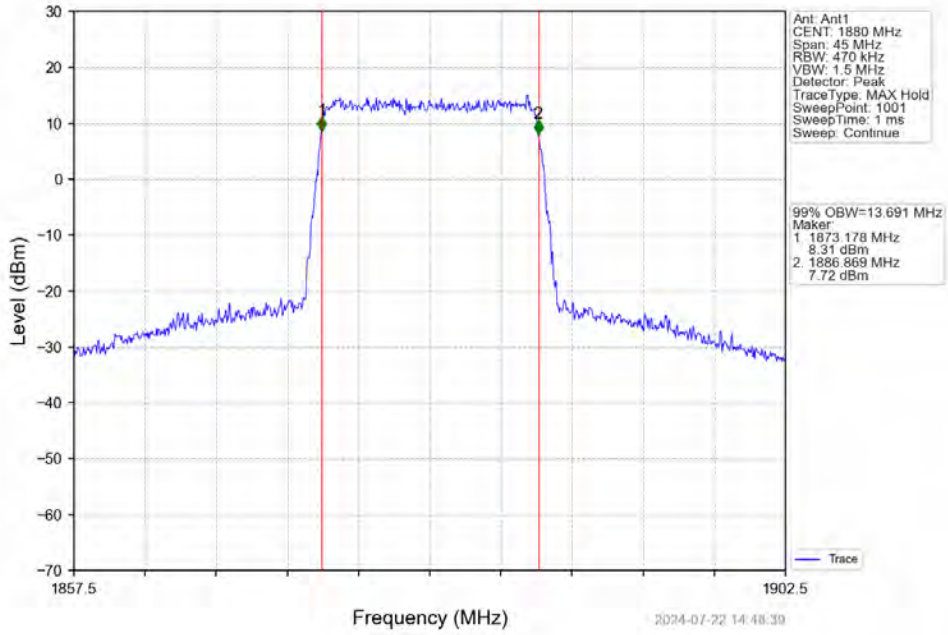
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



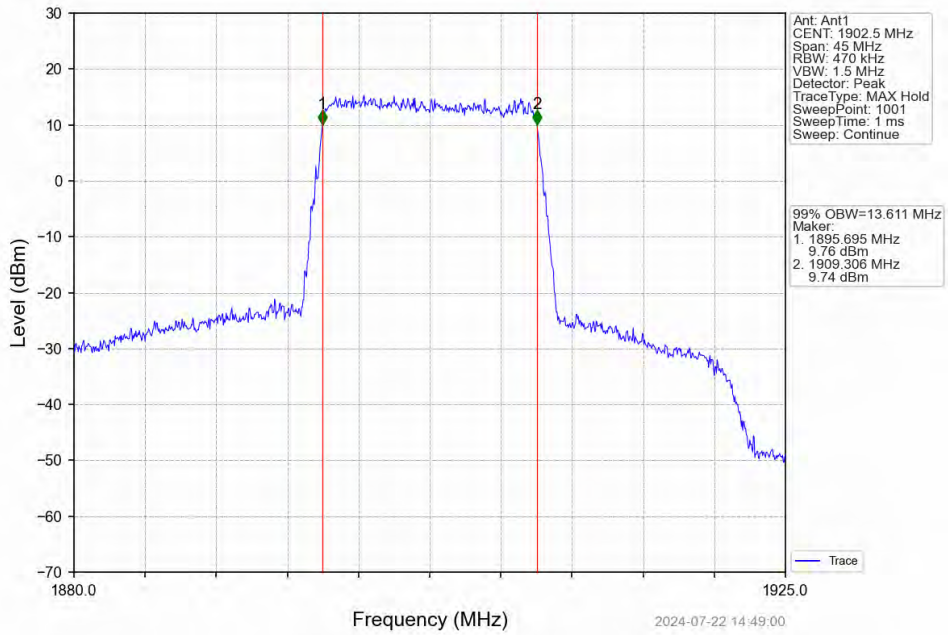
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



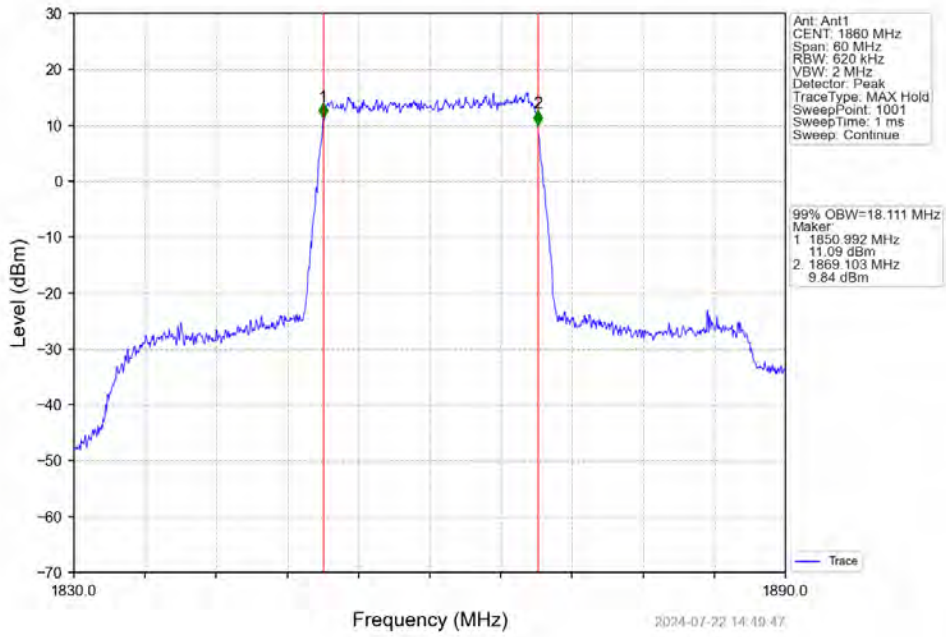
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



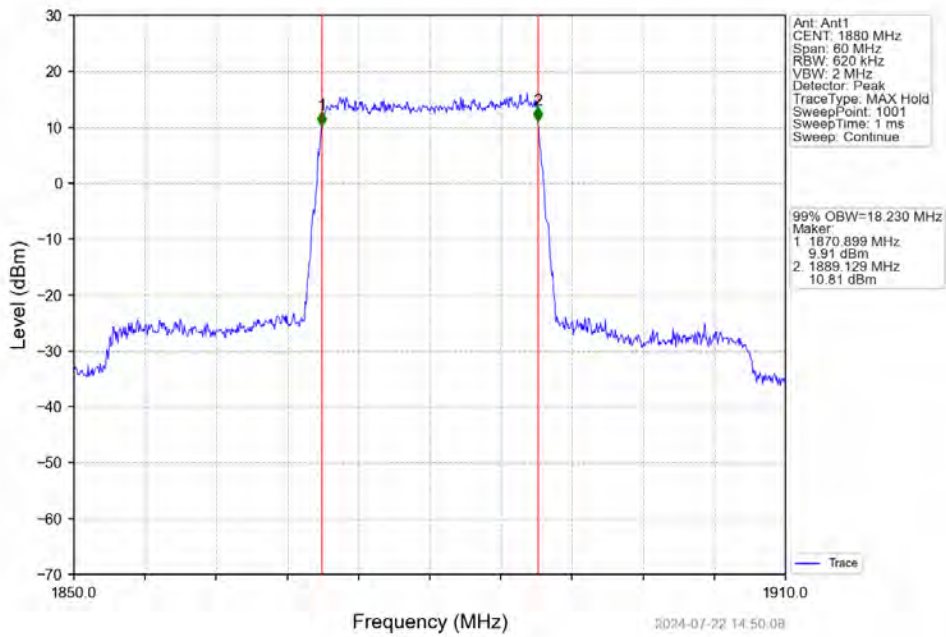
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



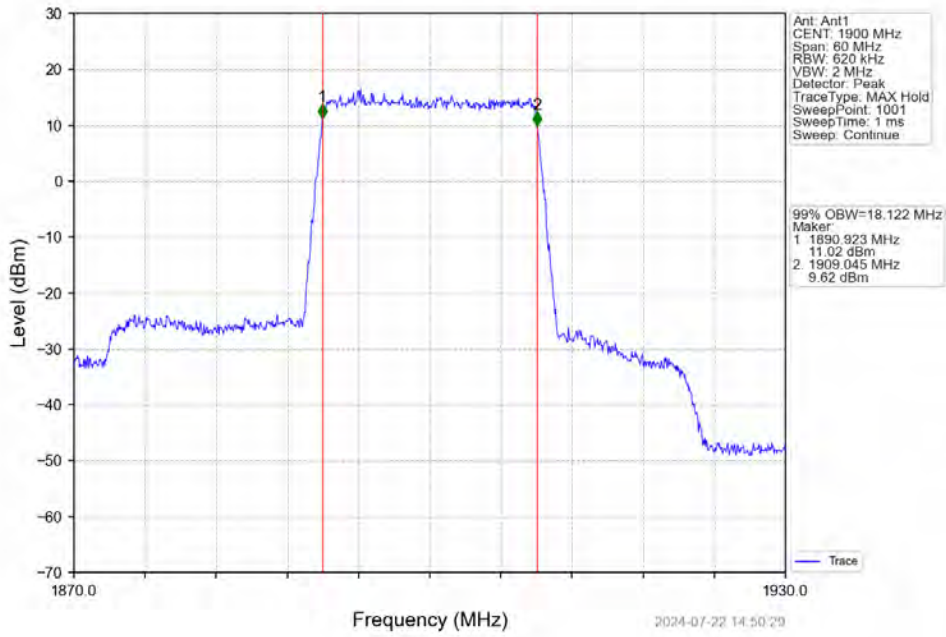
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV



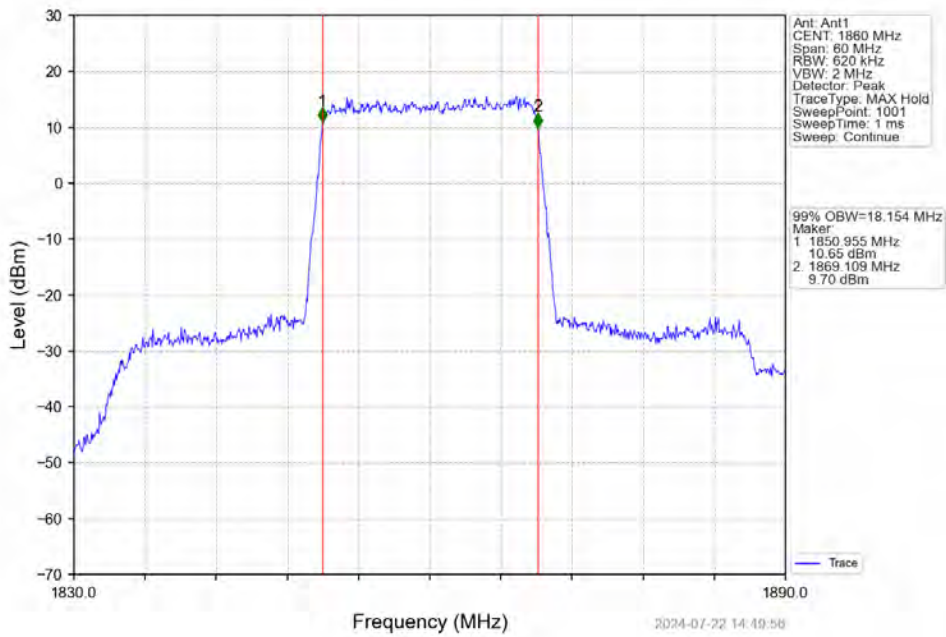
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV



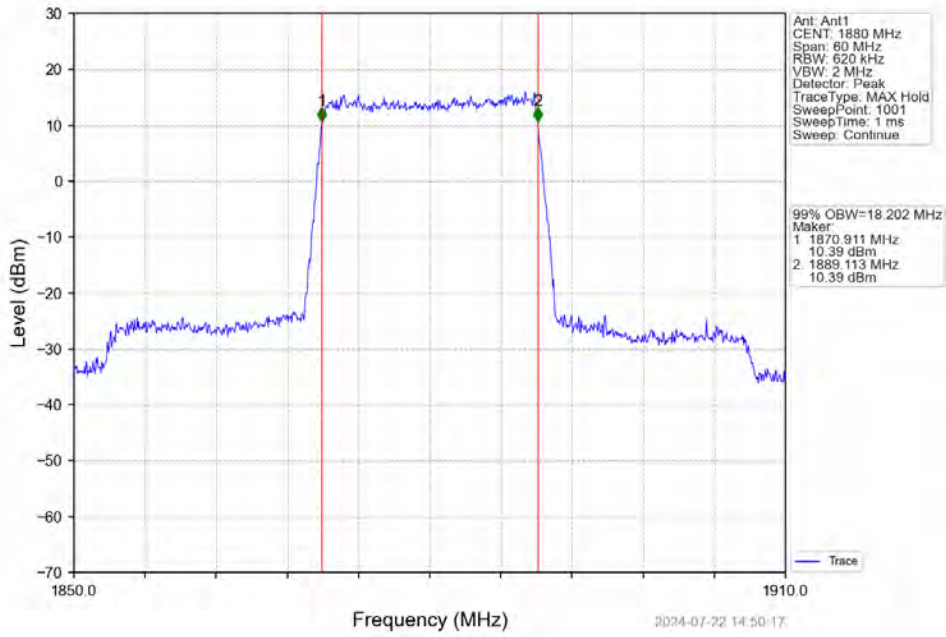
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTV



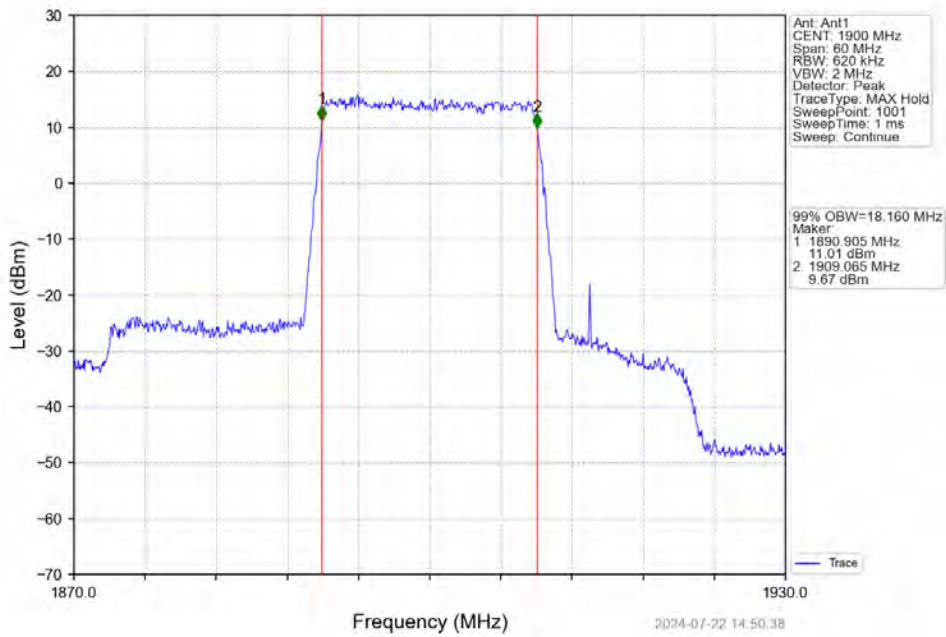
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Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_100\_0\_NTNV

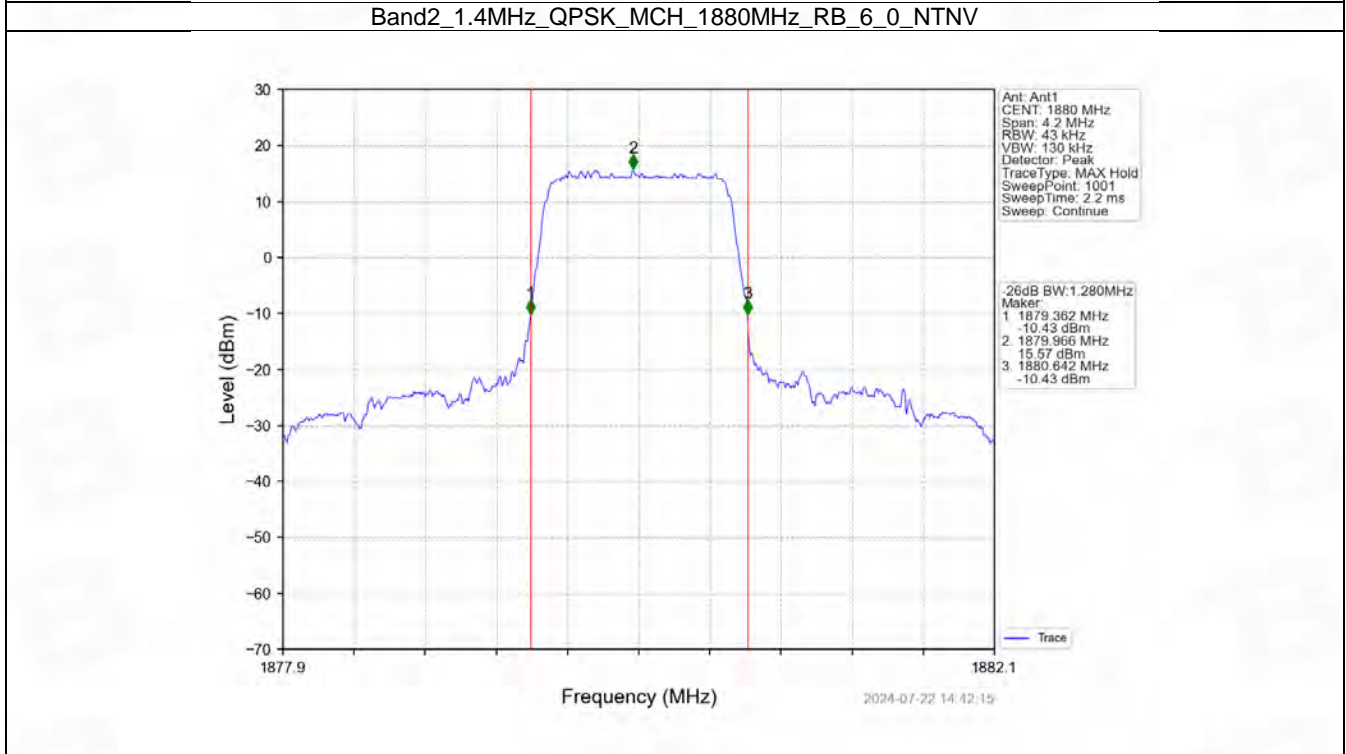
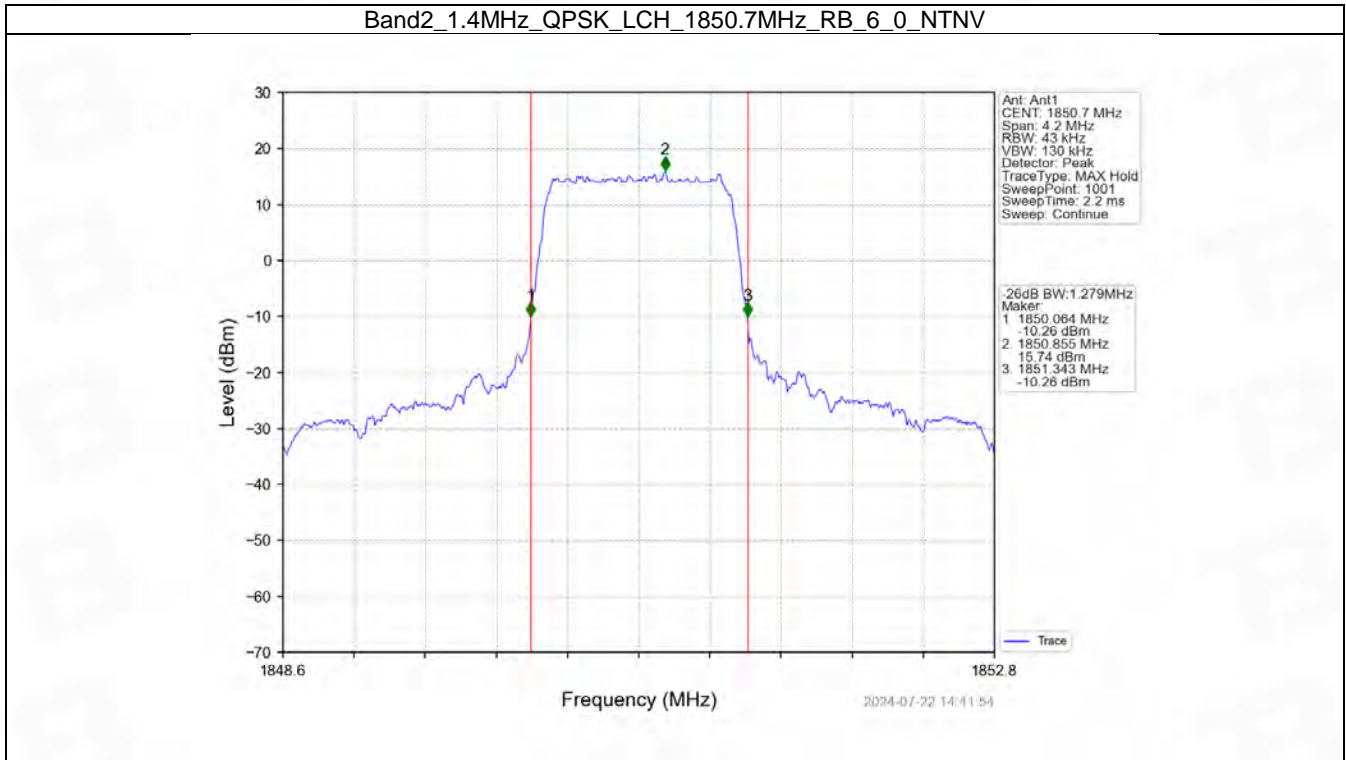


Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_100\_0\_NTNV

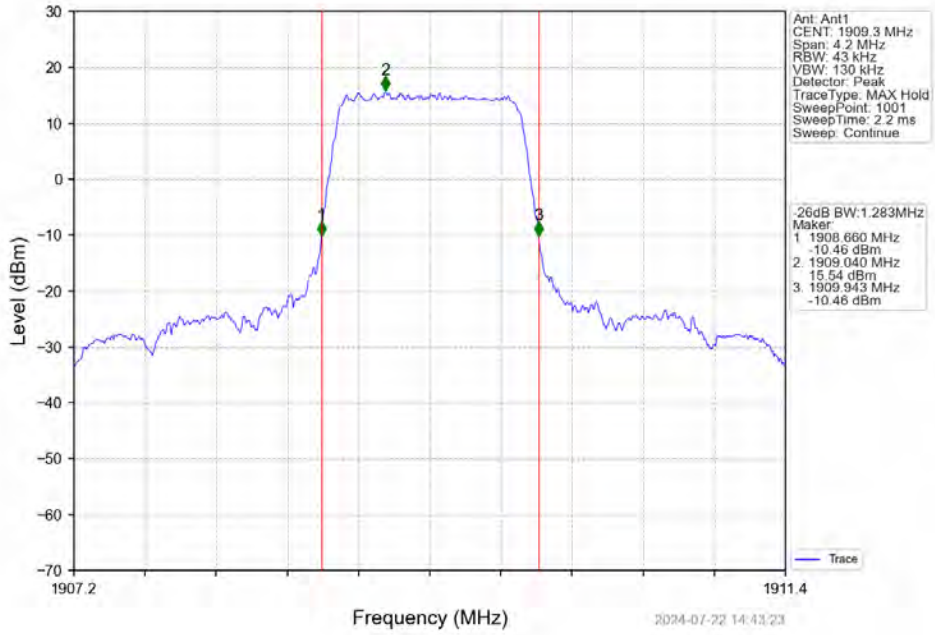




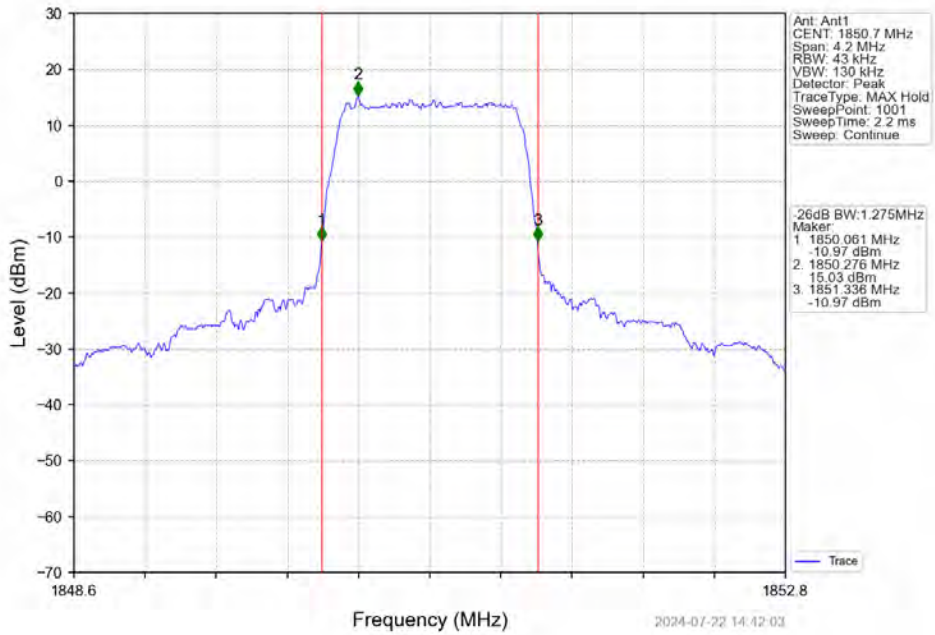
### 4.2.2 Band2\_XDB



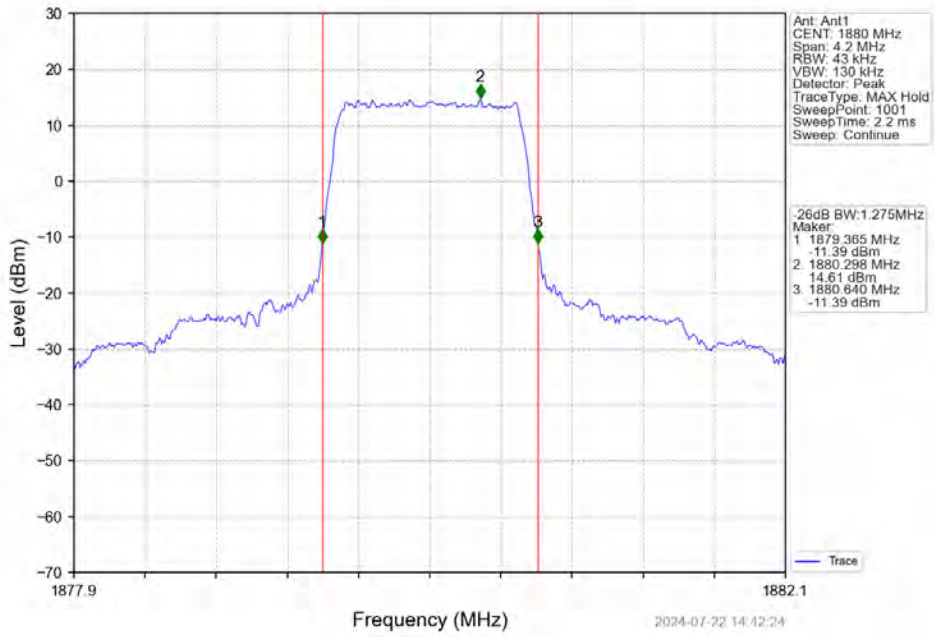
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



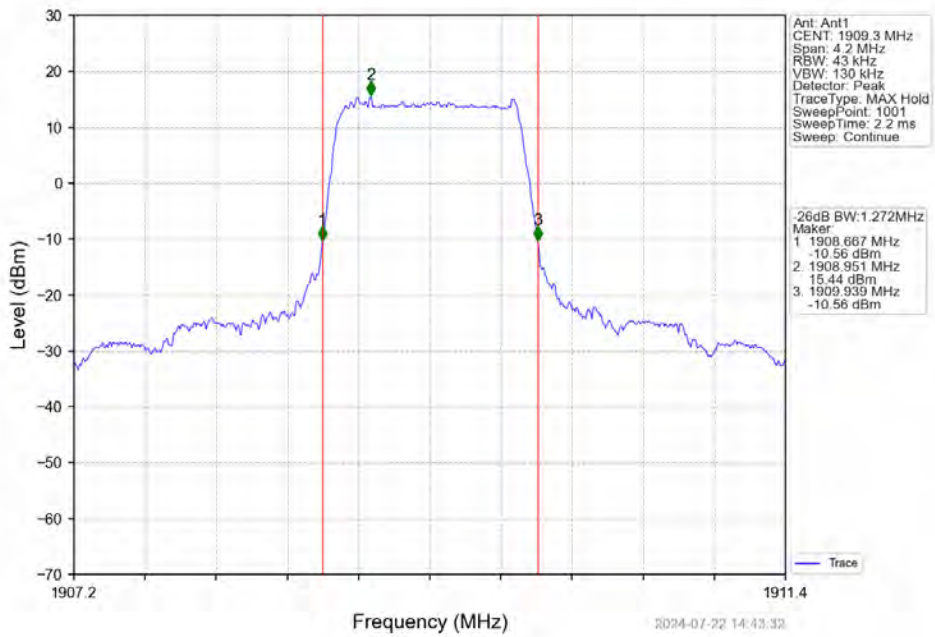
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



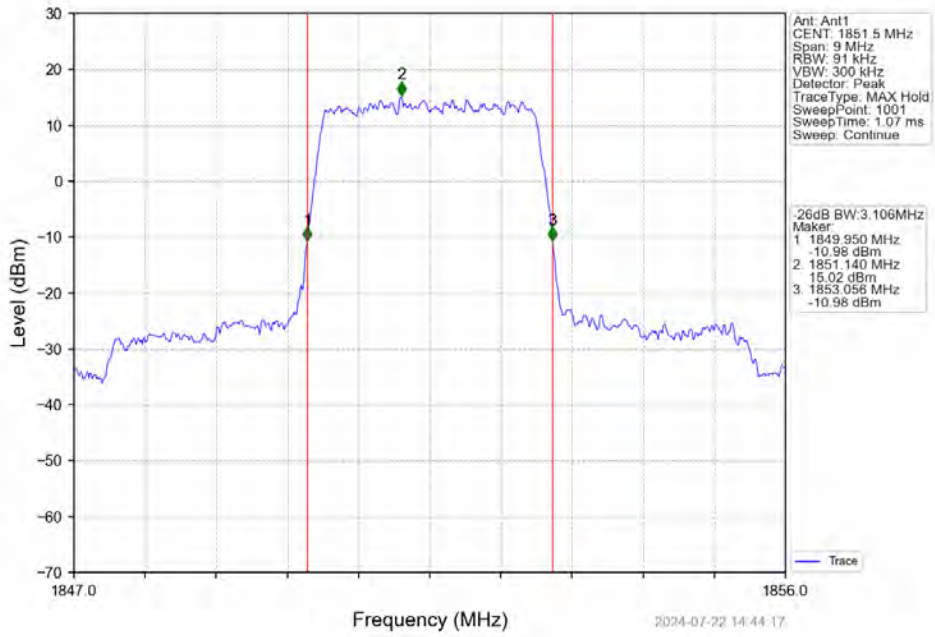
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



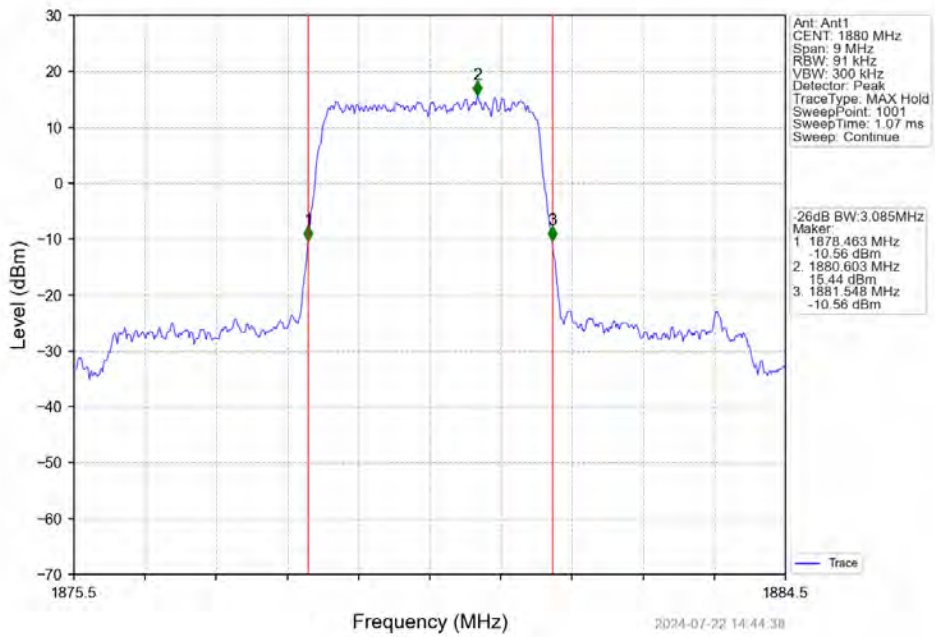
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



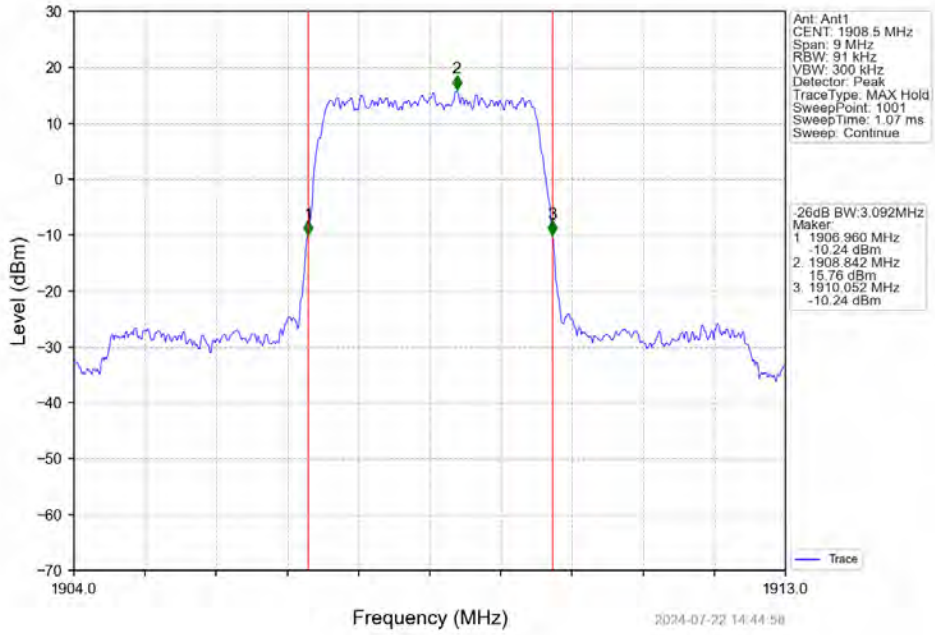
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



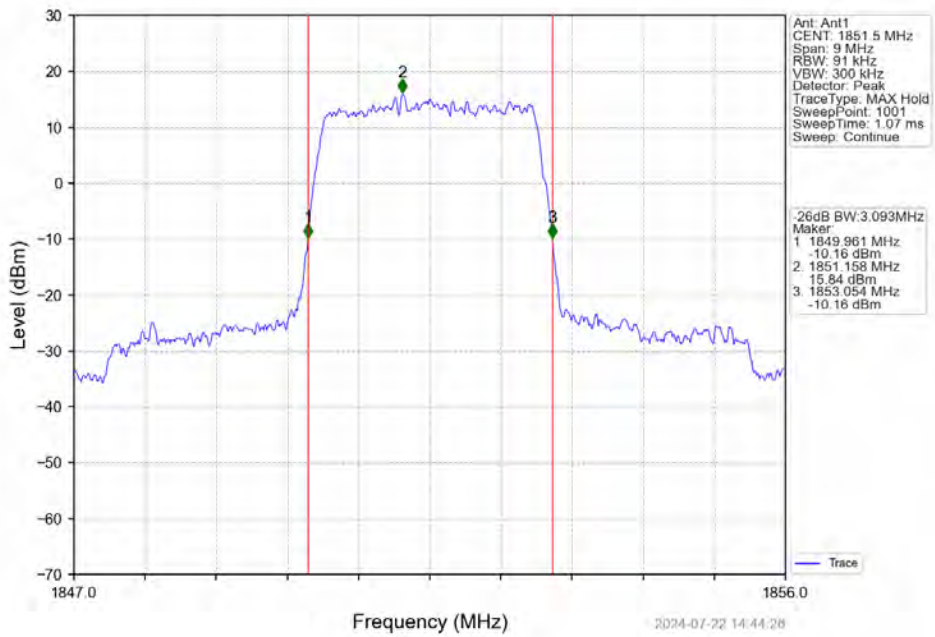
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_15\_0\_NTNV



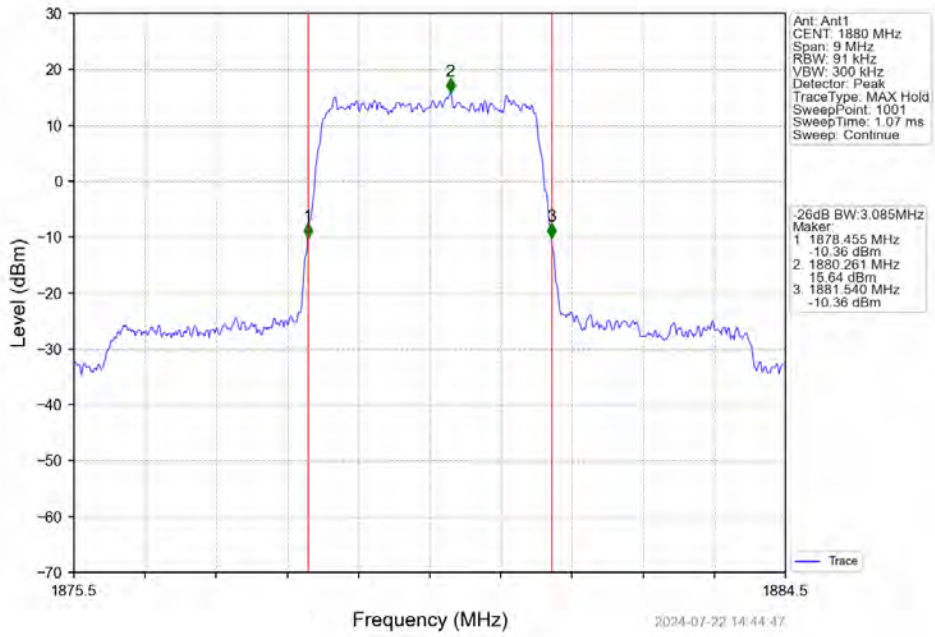
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



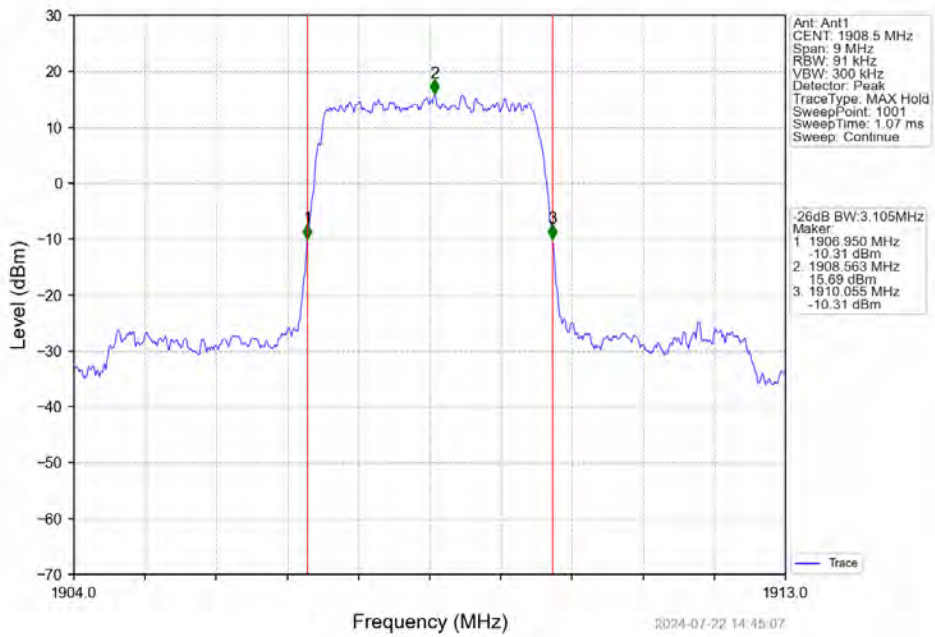
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



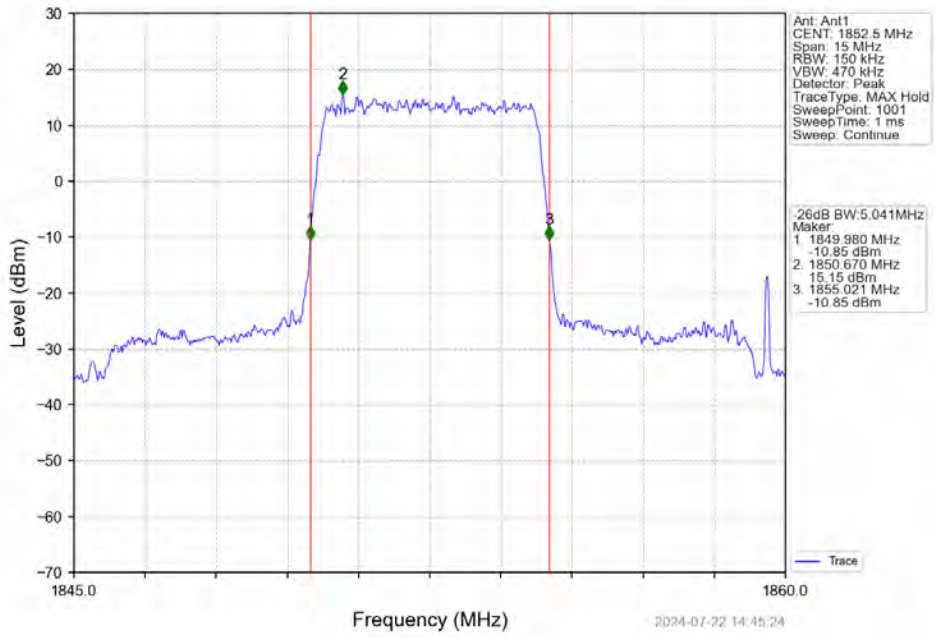
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_15\_0\_NTNV



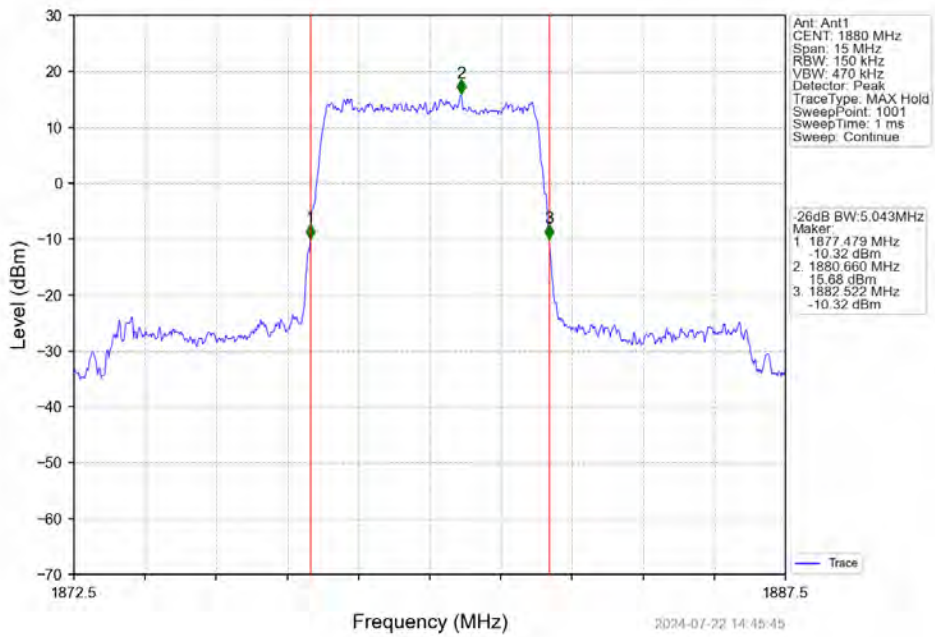
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



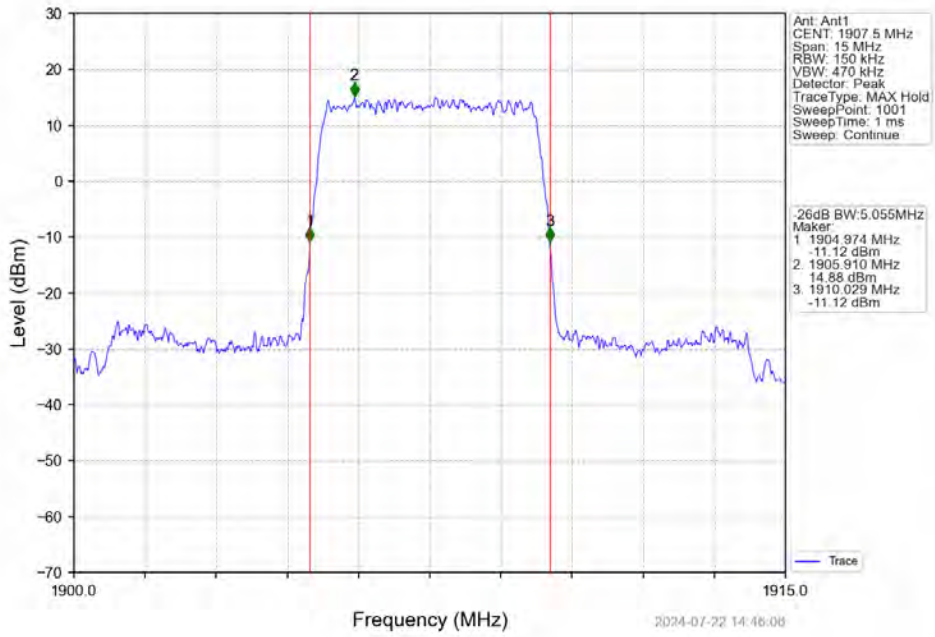
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



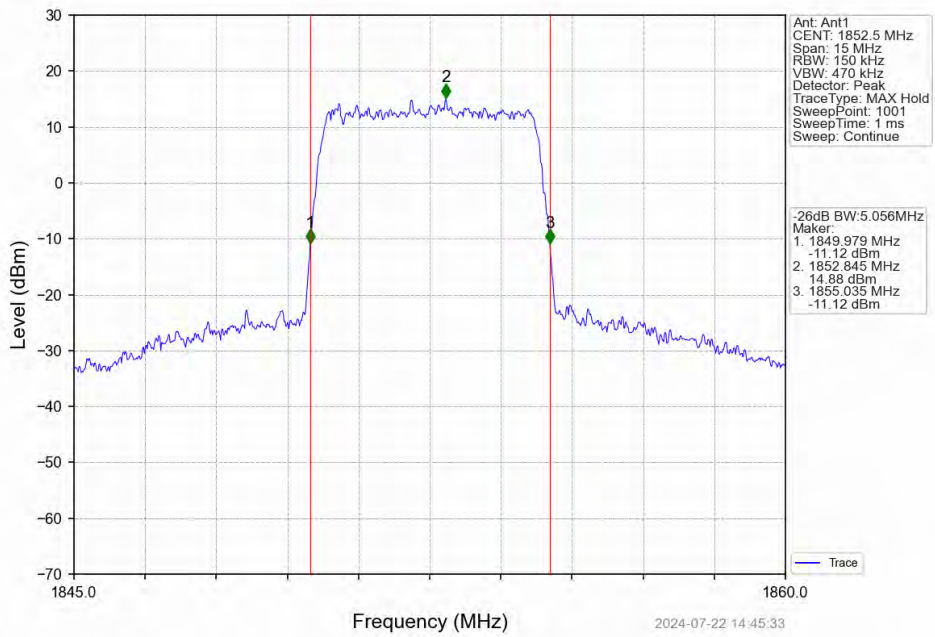
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



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

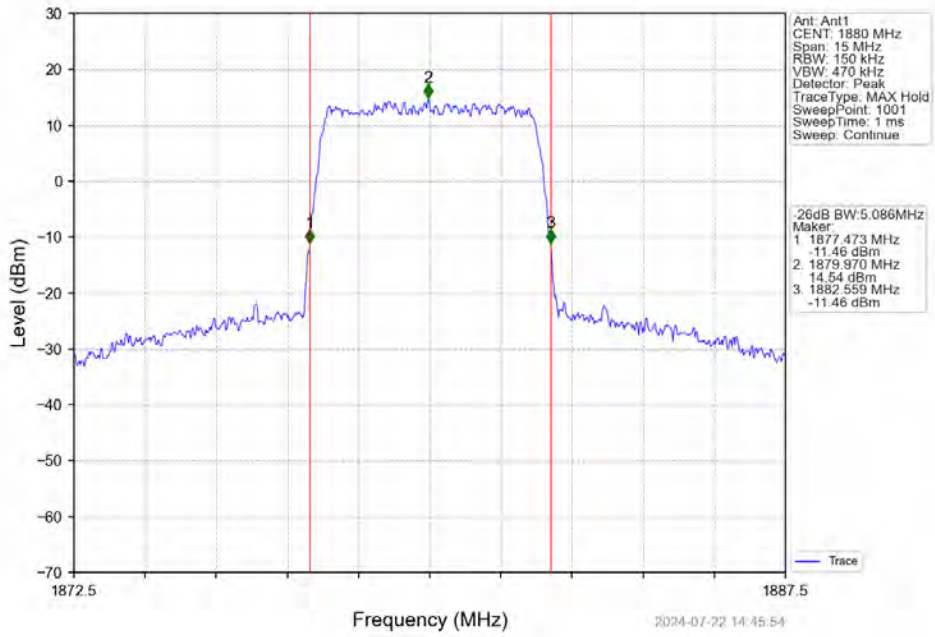


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

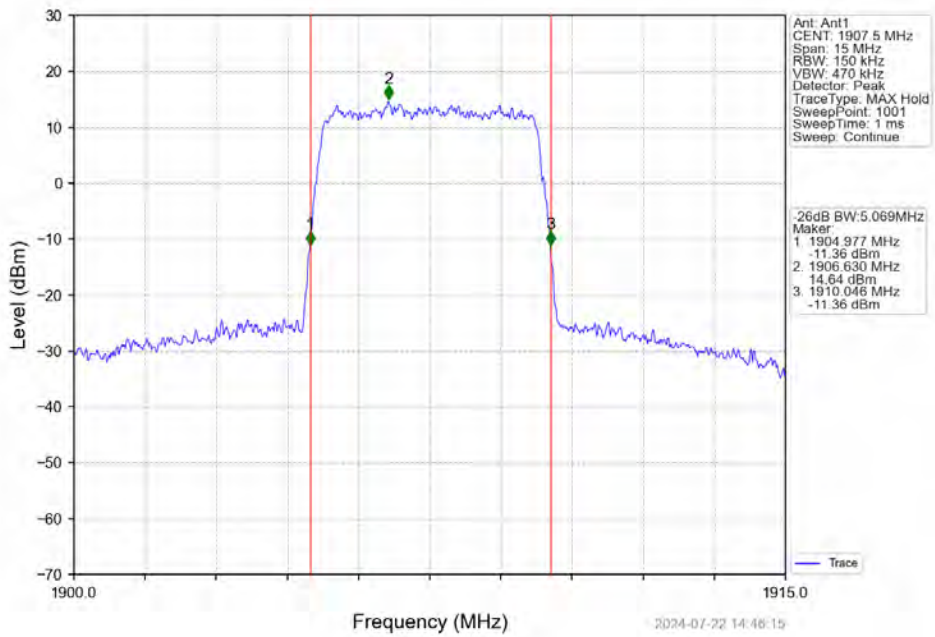




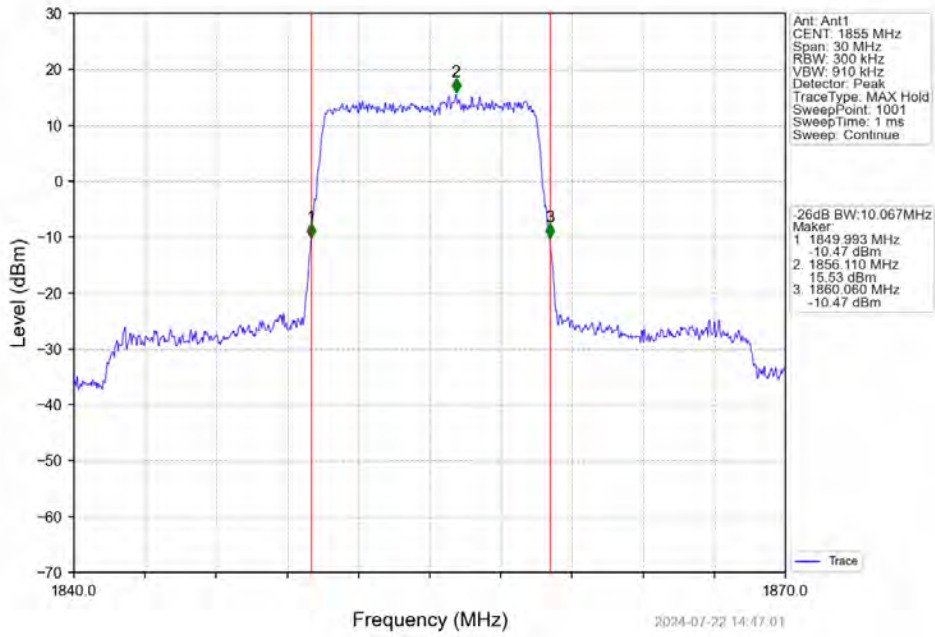
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



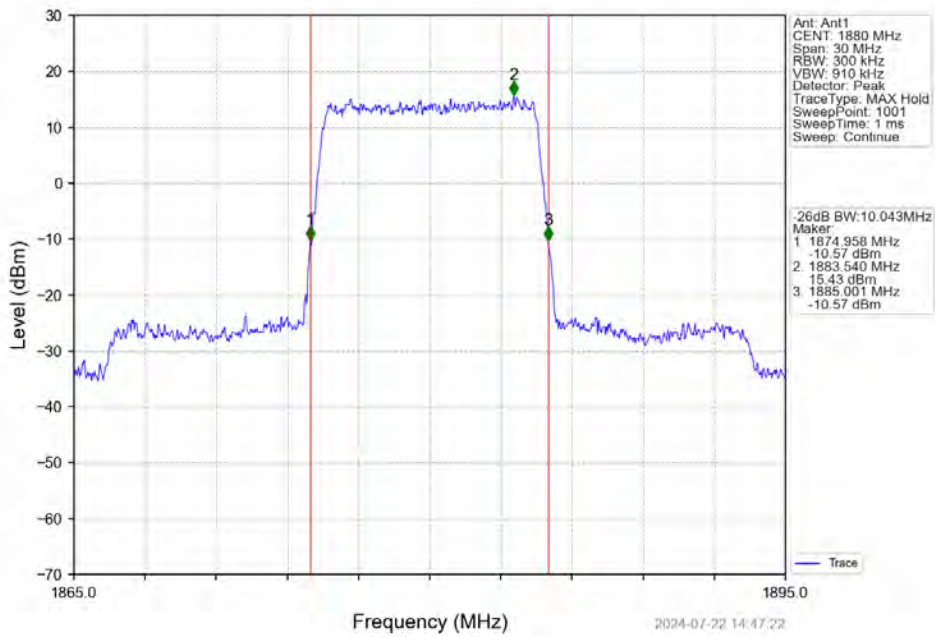
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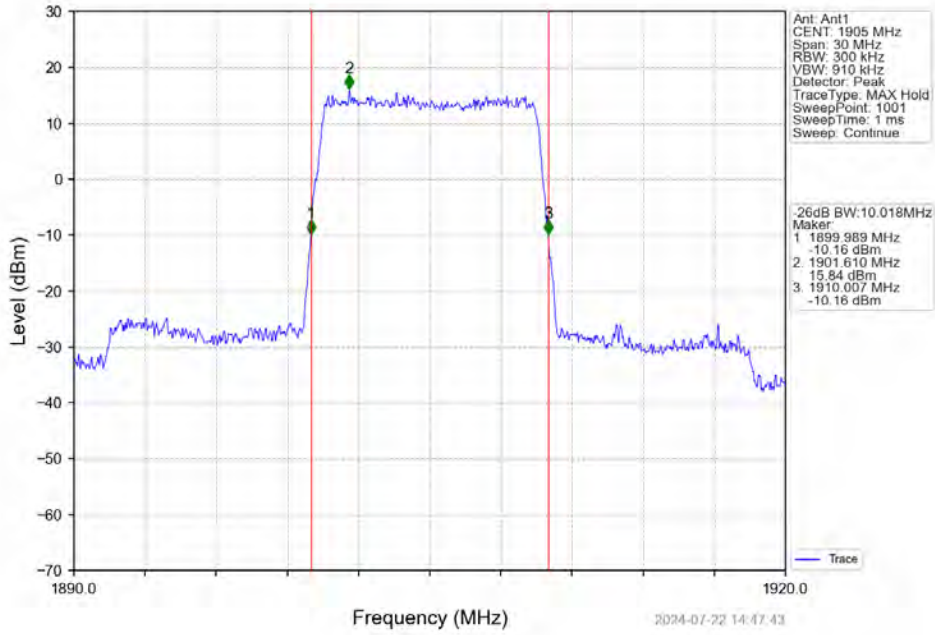
Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV



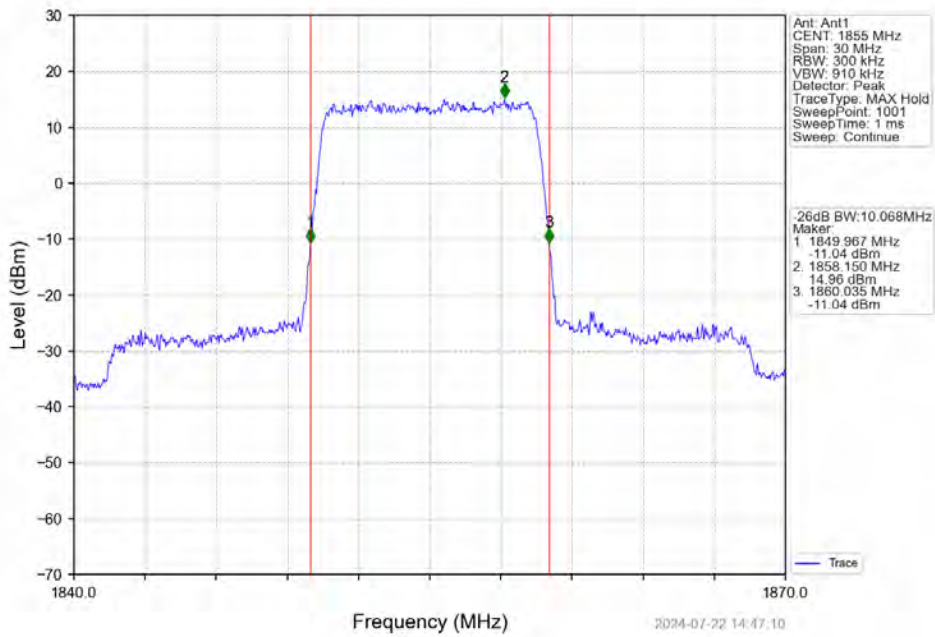
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_50\_0\_NTNV



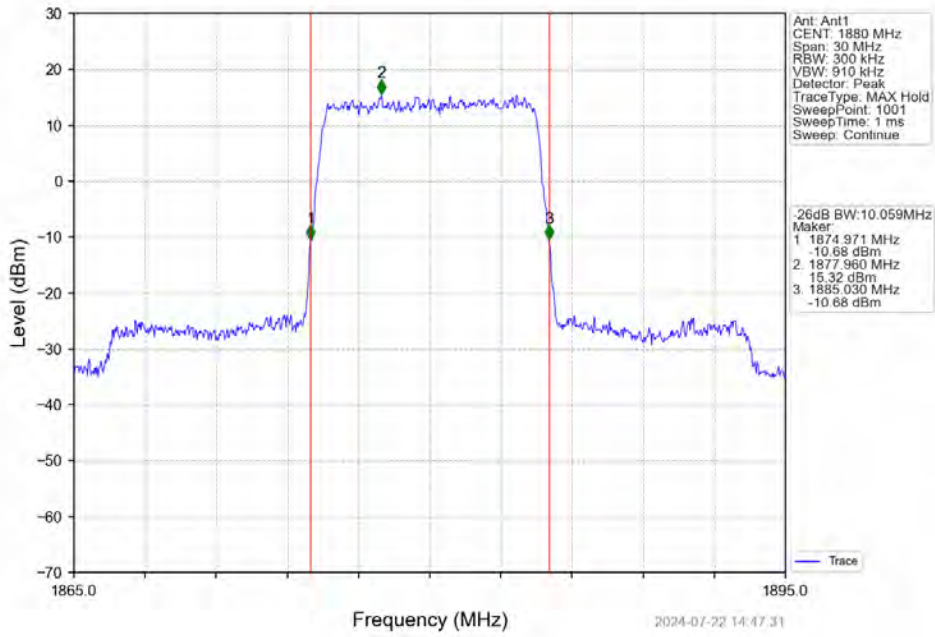
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



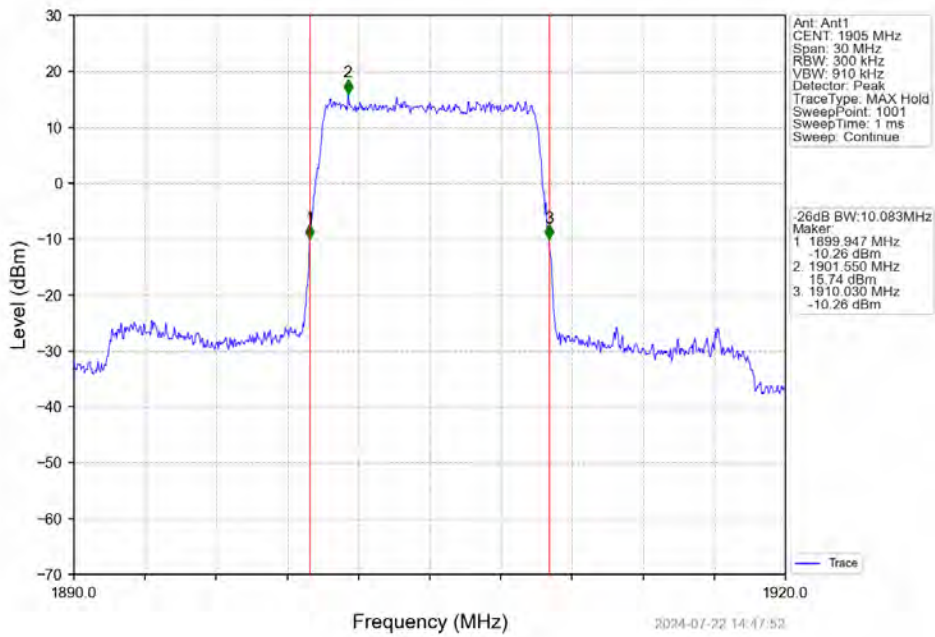
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



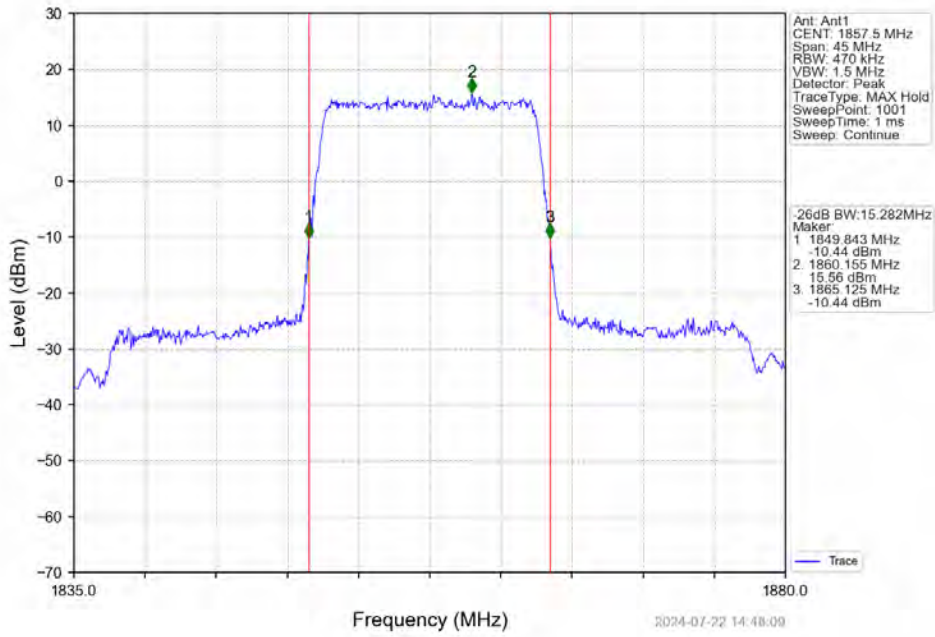
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_50\_0\_NTNV



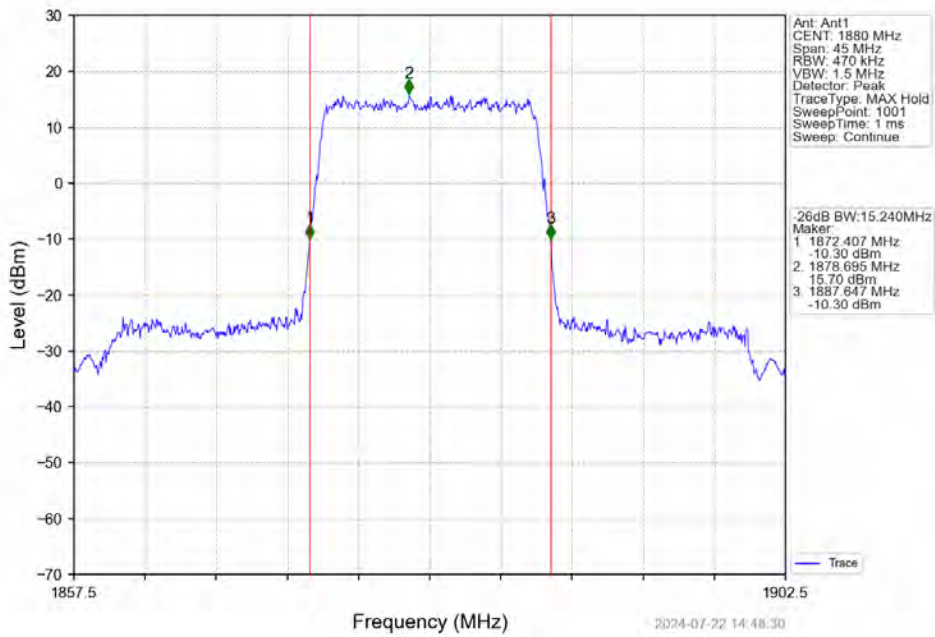
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV



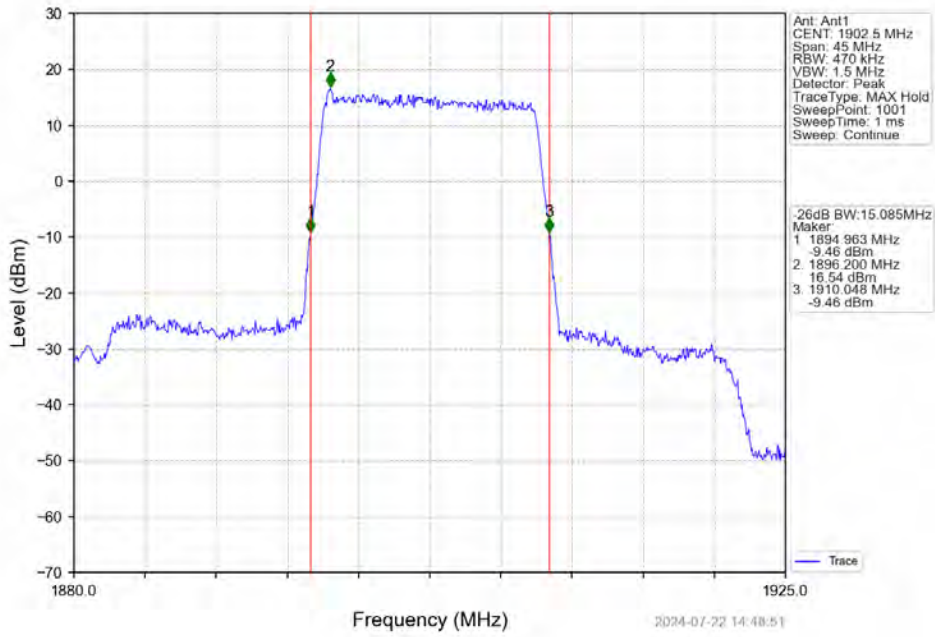
Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



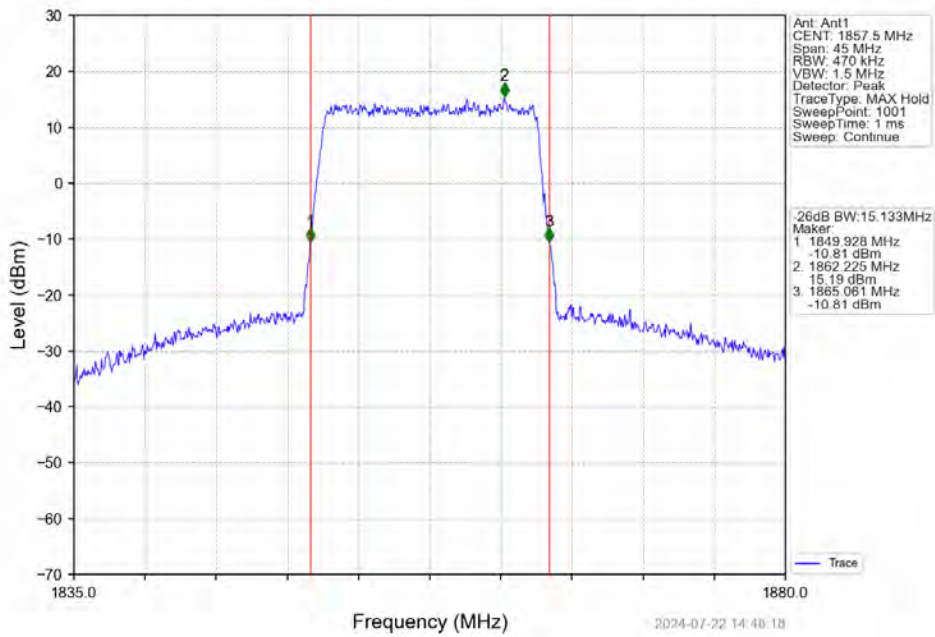
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_75\_0\_NTNV



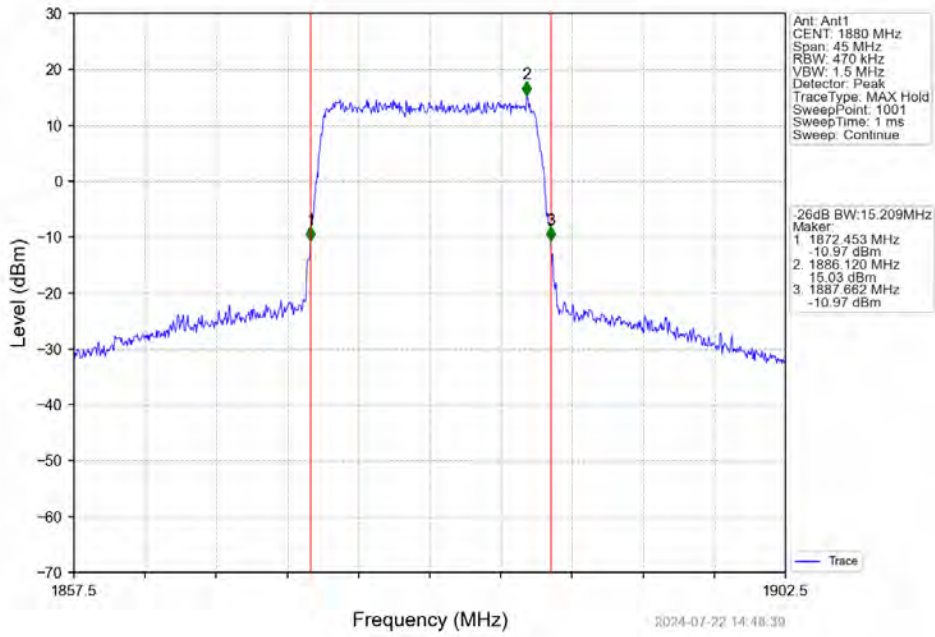
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



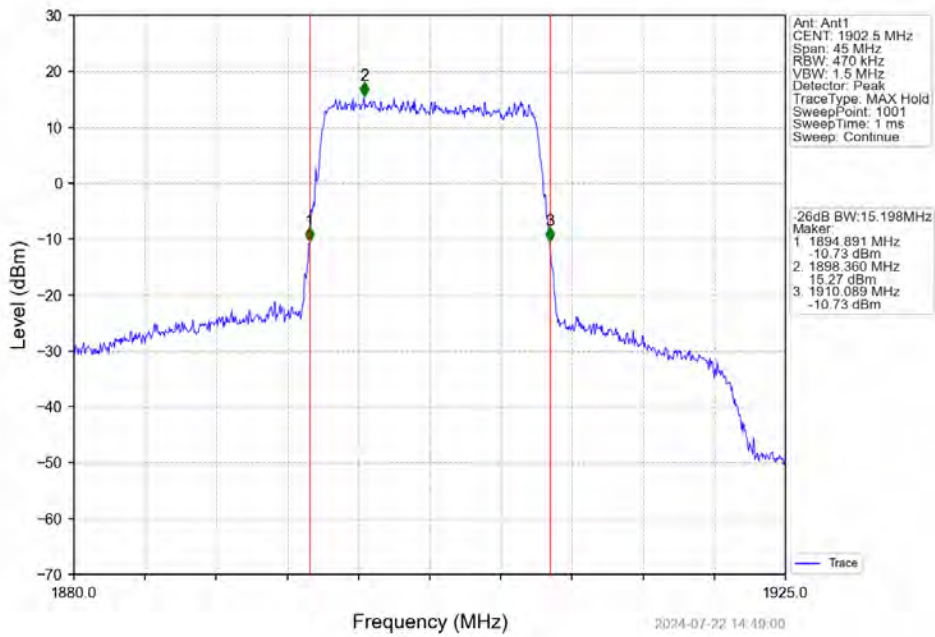
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



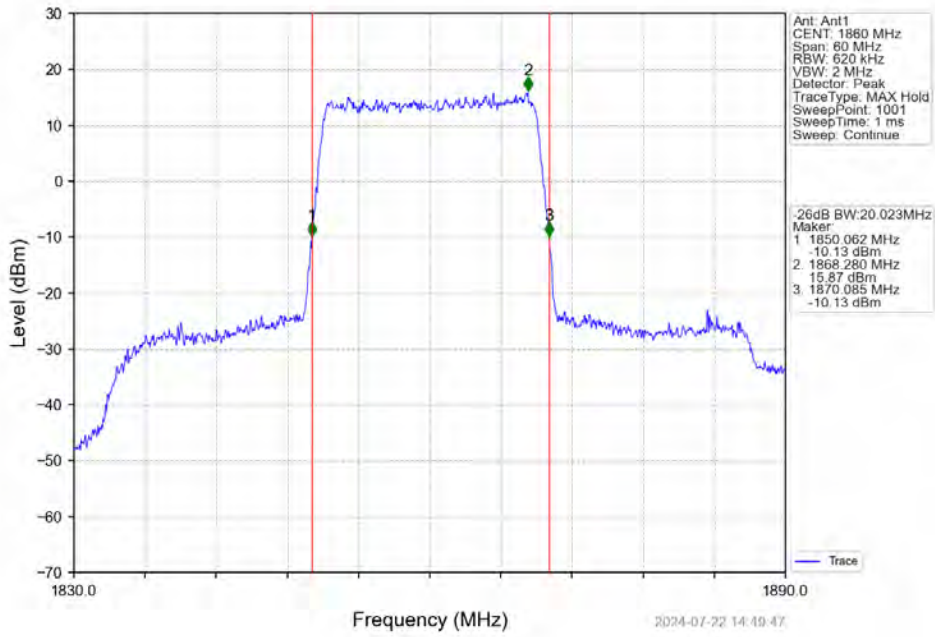
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



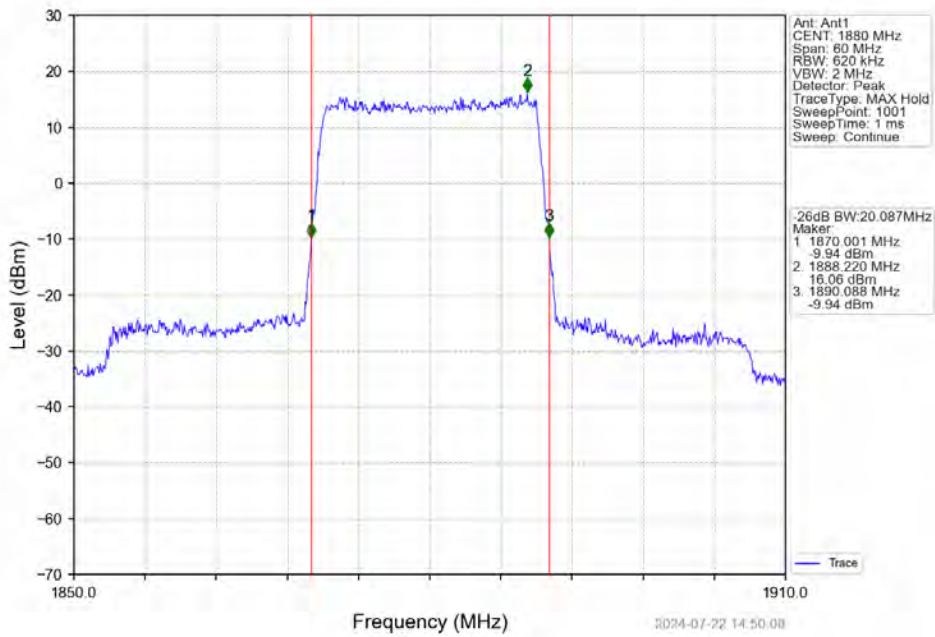
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



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

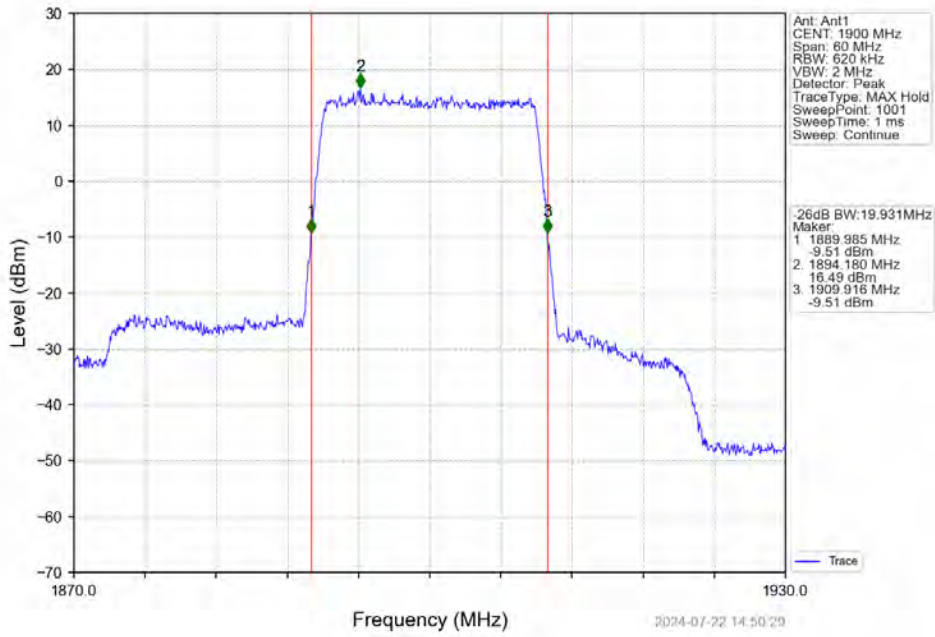


Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_100\_0\_NTNV

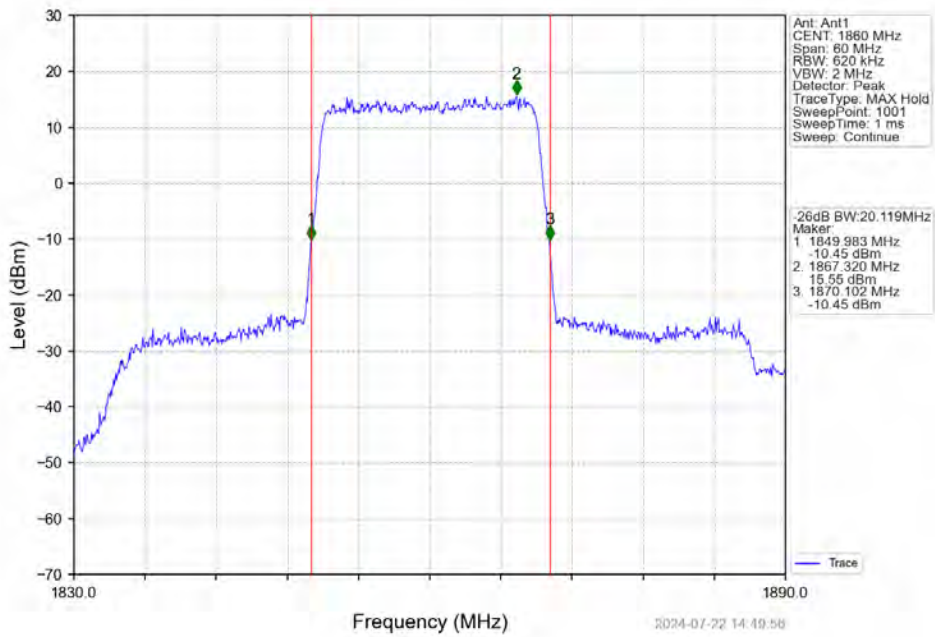




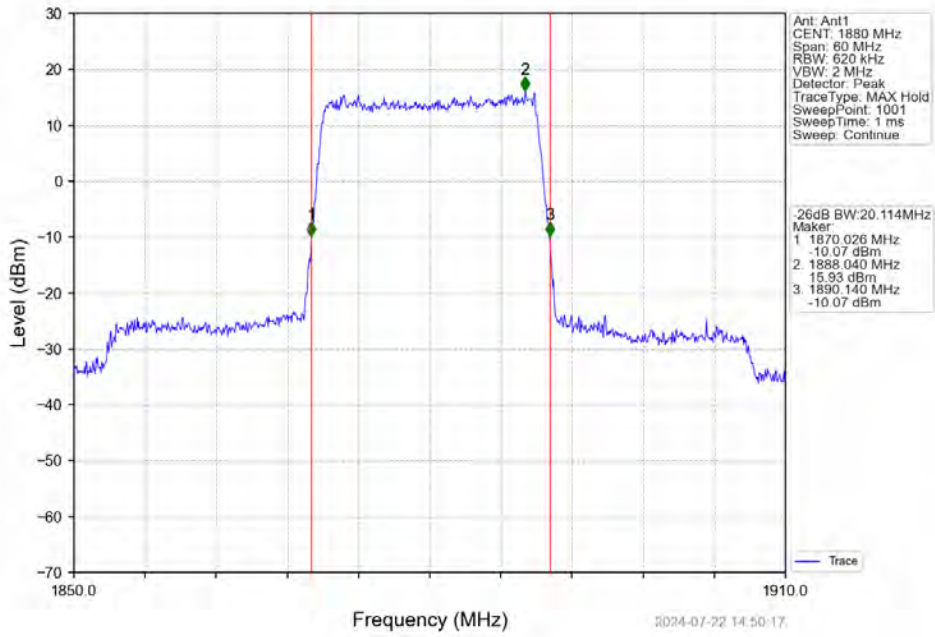
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



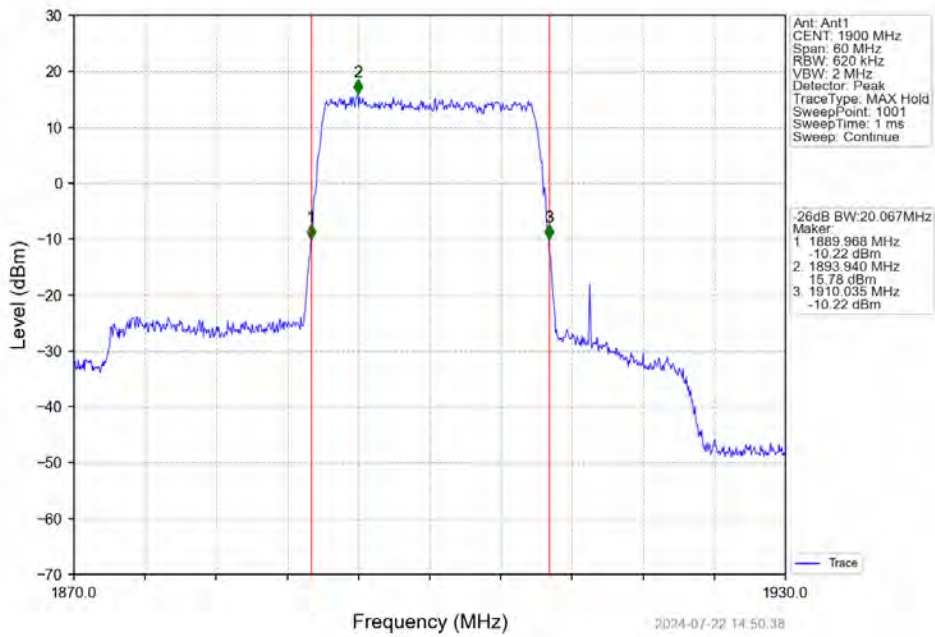
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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



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



## 5. Peak-Average Ratio

### 5.1 Test Result

#### 5.1.1 B2\_1.4MHz

Band: 2 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.69	<=13	Pass
	1880	6	0	5.69	<=13	Pass
	1909.3	6	0	5.71	<=13	Pass
16QAM	1850.7	6	0	6.35	<=13	Pass
	1880	6	0	6.34	<=13	Pass
	1909.3	6	0	6.37	<=13	Pass

#### 5.1.2 B2\_3MHz

Band: 2 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.64	<=13	Pass
	1880	15	0	5.70	<=13	Pass
	1908.5	15	0	5.69	<=13	Pass
16QAM	1851.5	15	0	6.45	<=13	Pass
	1880	15	0	6.42	<=13	Pass
	1908.5	15	0	6.42	<=13	Pass

#### 5.1.3 B2\_5MHz

Band: 2 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.66	<=13	Pass
	1880	25	0	5.67	<=13	Pass
	1907.5	25	0	5.65	<=13	Pass
16QAM	1852.5	25	0	5.67	<=13	Pass
	1880	25	0	5.65	<=13	Pass
	1907.5	25	0	5.65	<=13	Pass

#### 5.1.4 B2\_10MHz

Band: 2 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.75	<=13	Pass
	1880	50	0	5.69	<=13	Pass
	1905	50	0	5.76	<=13	Pass
16QAM	1855	50	0	6.40	<=13	Pass
	1880	50	0	6.38	<=13	Pass

	1905	50	0	6.47	<=13	Pass
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### 5.1.5 B2\_15MHz

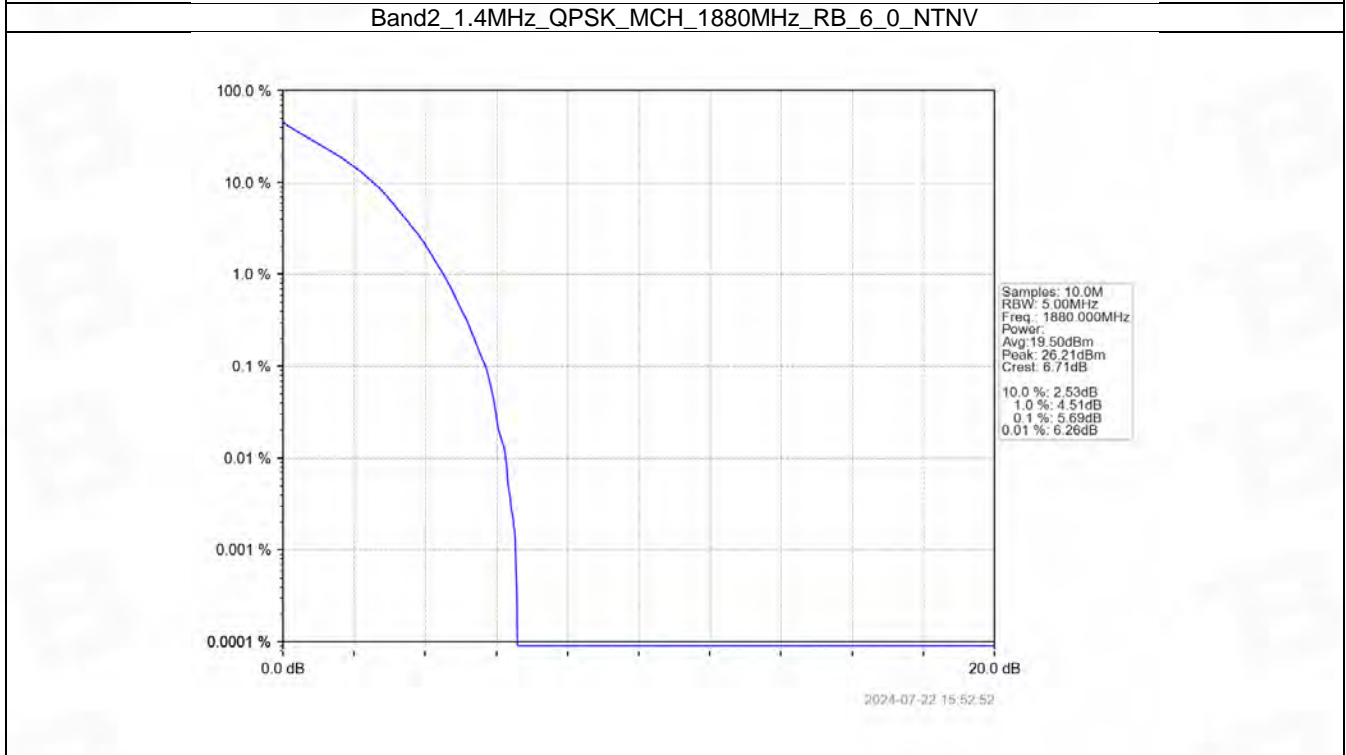
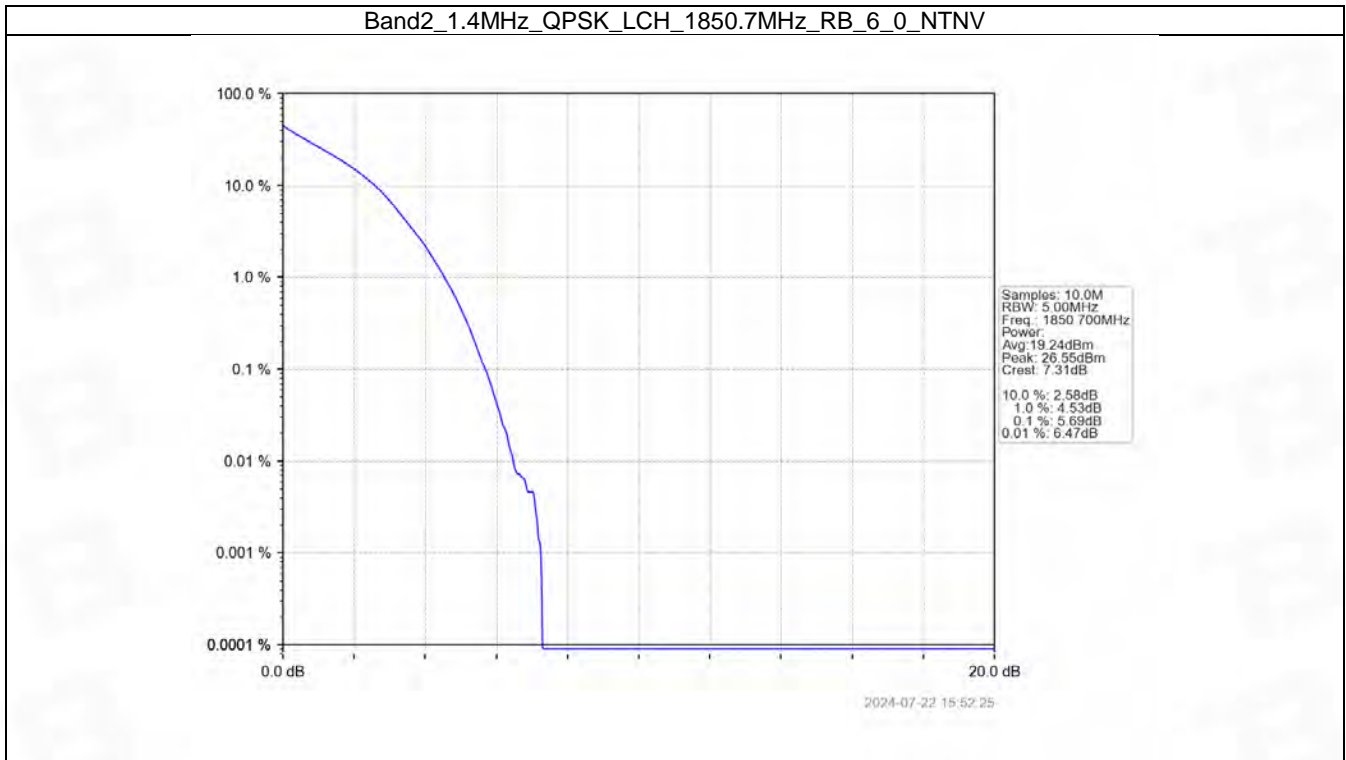
Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	6.02	<=13	Pass
	1880	75	0	5.99	<=13	Pass
	1902.5	75	0	6.02	<=13	Pass
16QAM	1857.5	75	0	6.45	<=13	Pass
	1880	75	0	6.42	<=13	Pass
	1902.5	75	0	6.42	<=13	Pass

### 5.1.6 B2\_20MHz

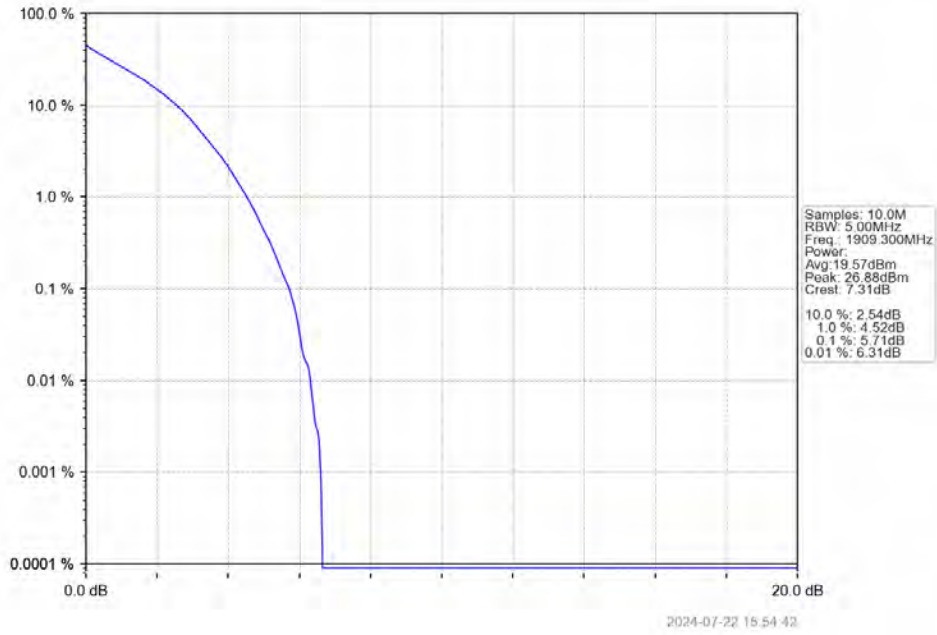
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.80	<=13	Pass
	1880	100	0	5.86	<=13	Pass
	1900	100	0	5.68	<=13	Pass
16QAM	1860	100	0	5.77	<=13	Pass
	1880	100	0	5.86	<=13	Pass
	1900	100	0	5.69	<=13	Pass

## 5.2 Test Graph

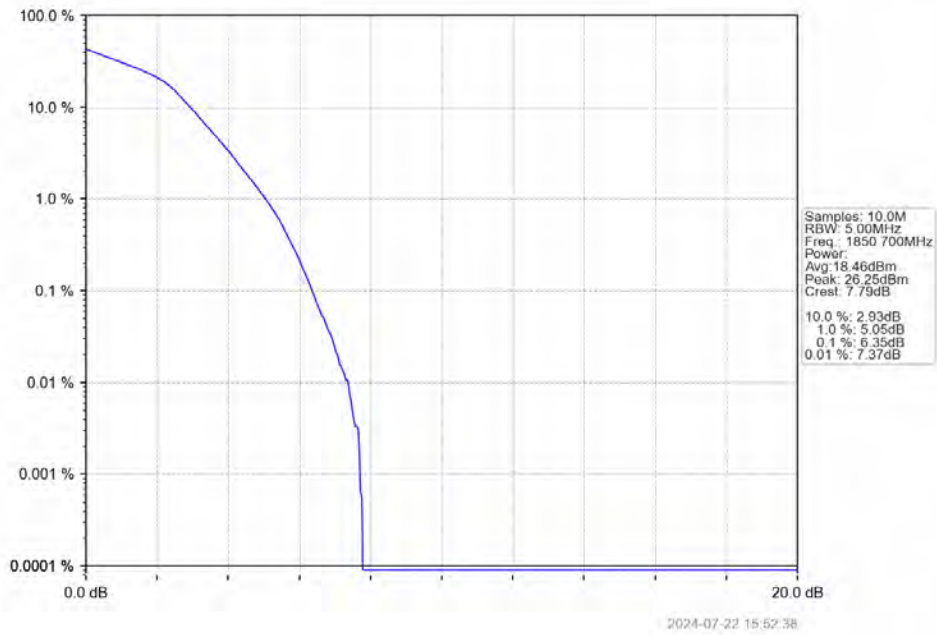
### 5.2.1 B2\_1.4MHz



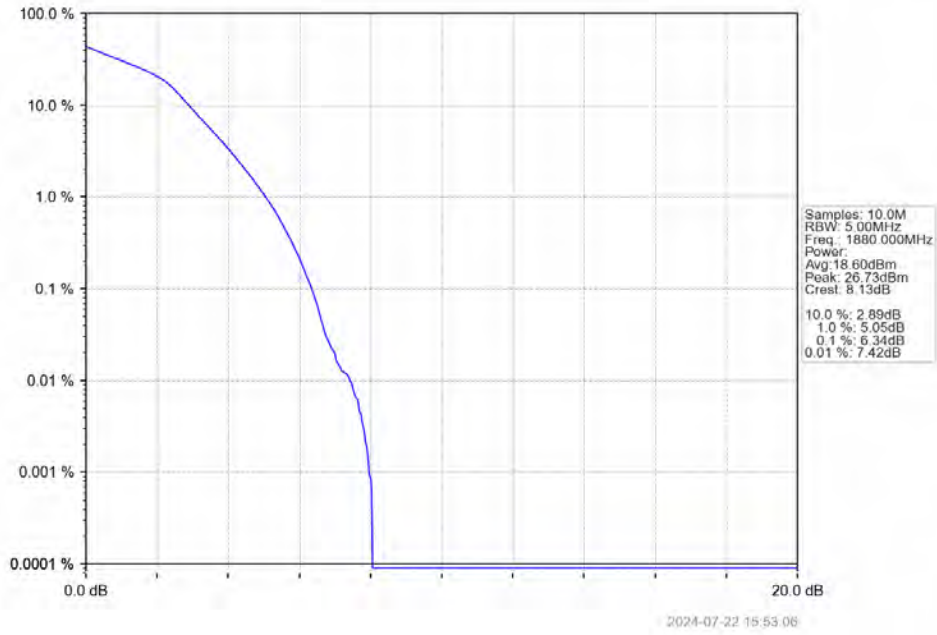
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV



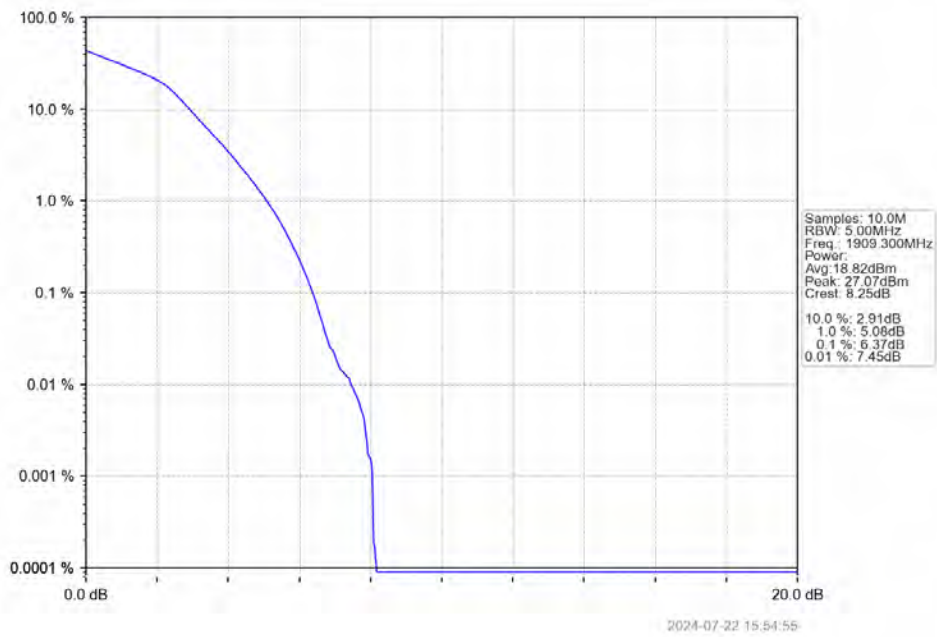
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



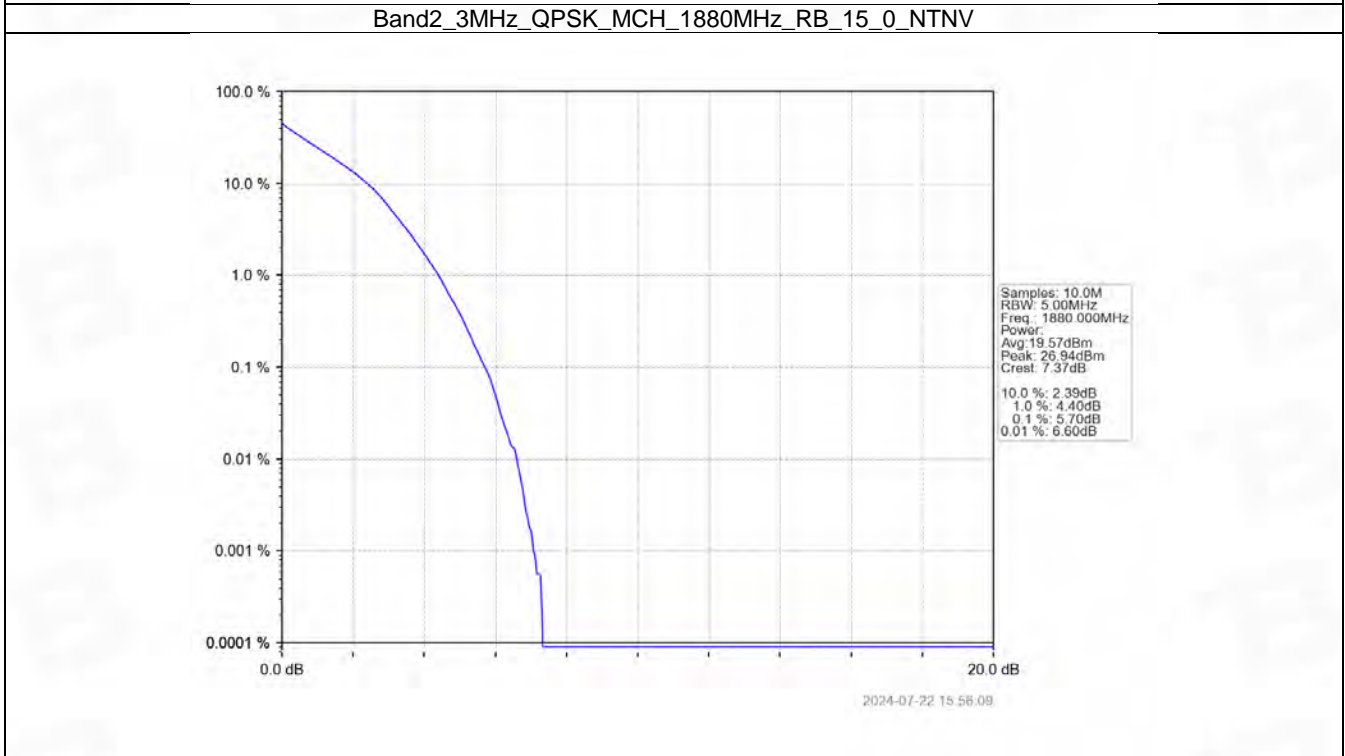
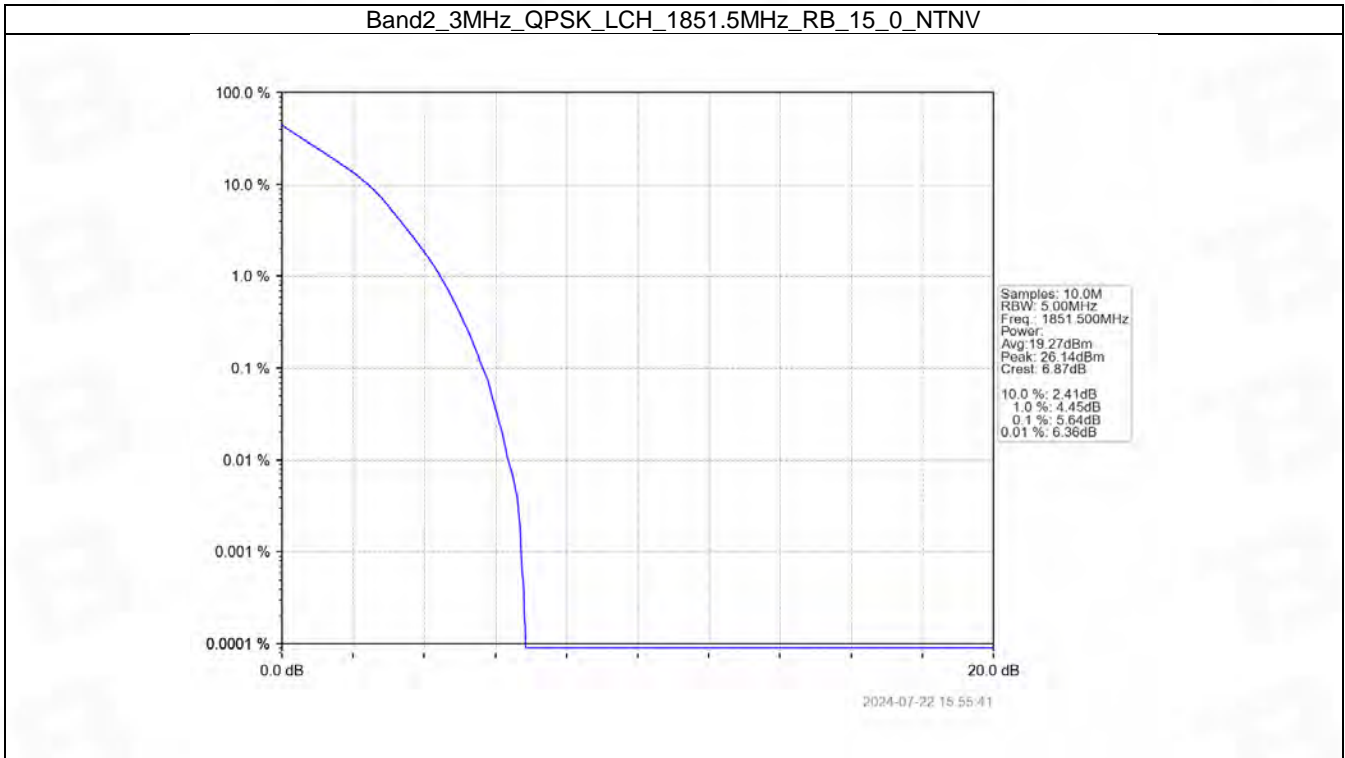
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_6\_0\_NTNV



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

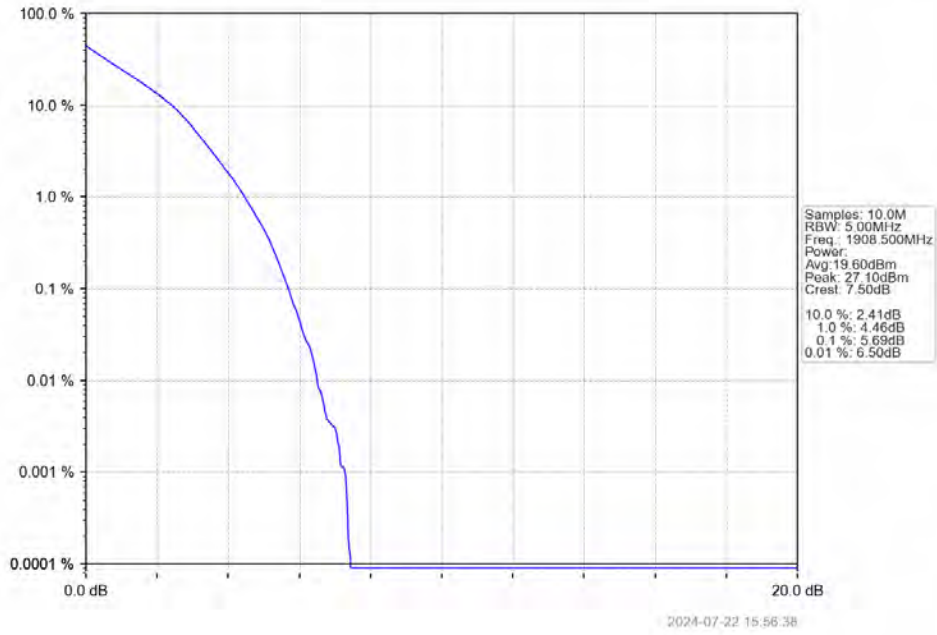


### 5.2.2 B2\_3MHz

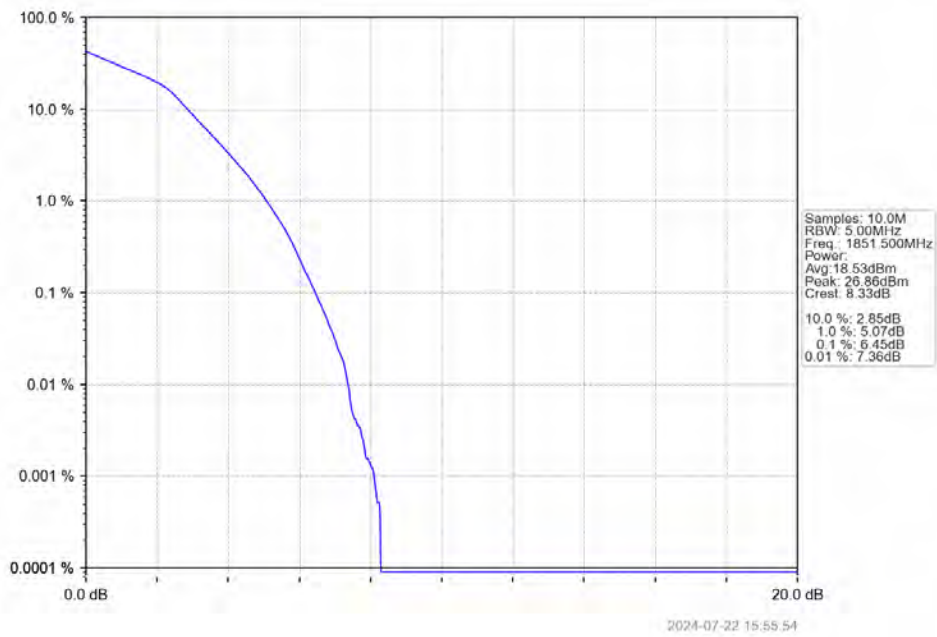




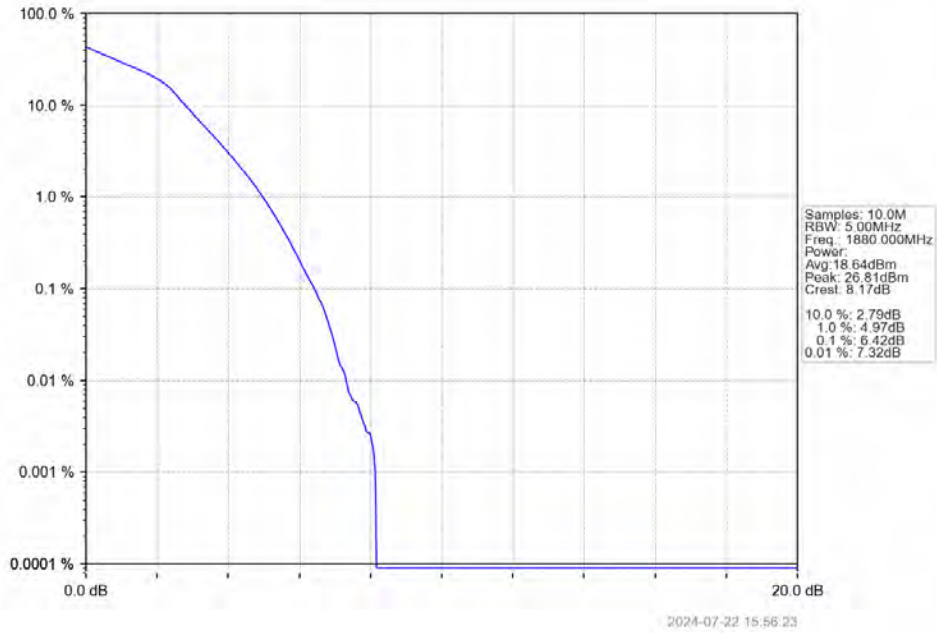
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV



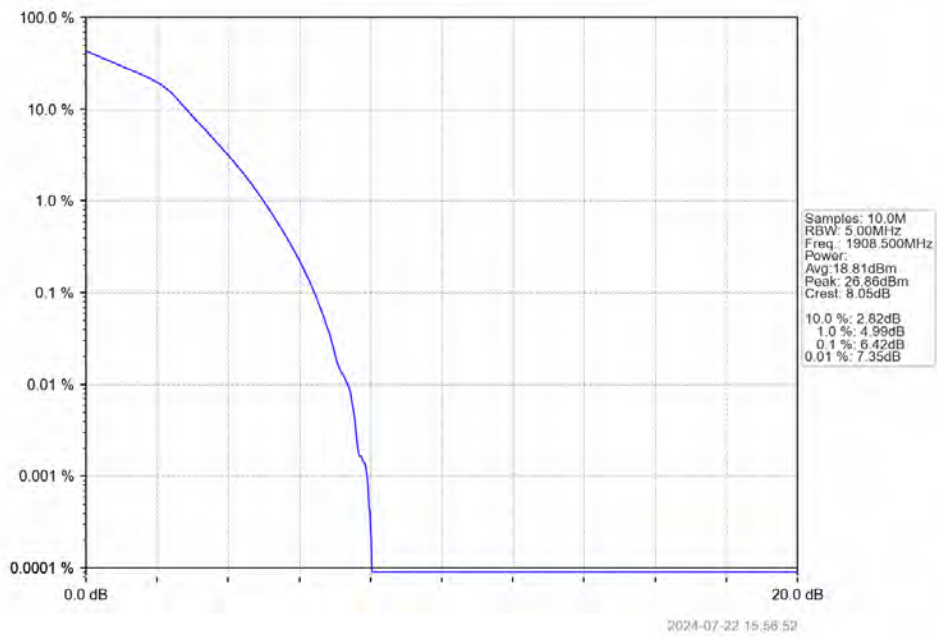
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV



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

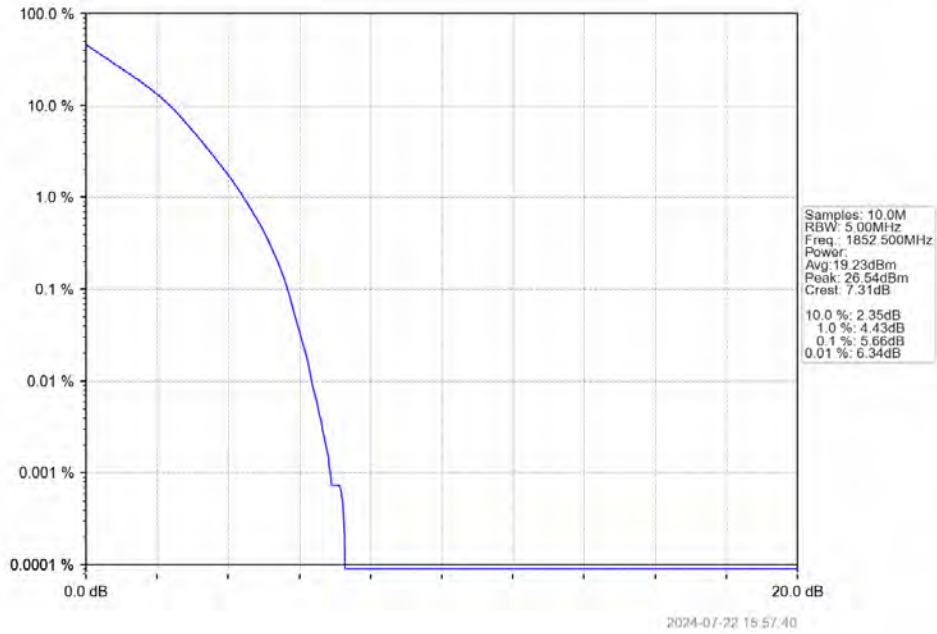


Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

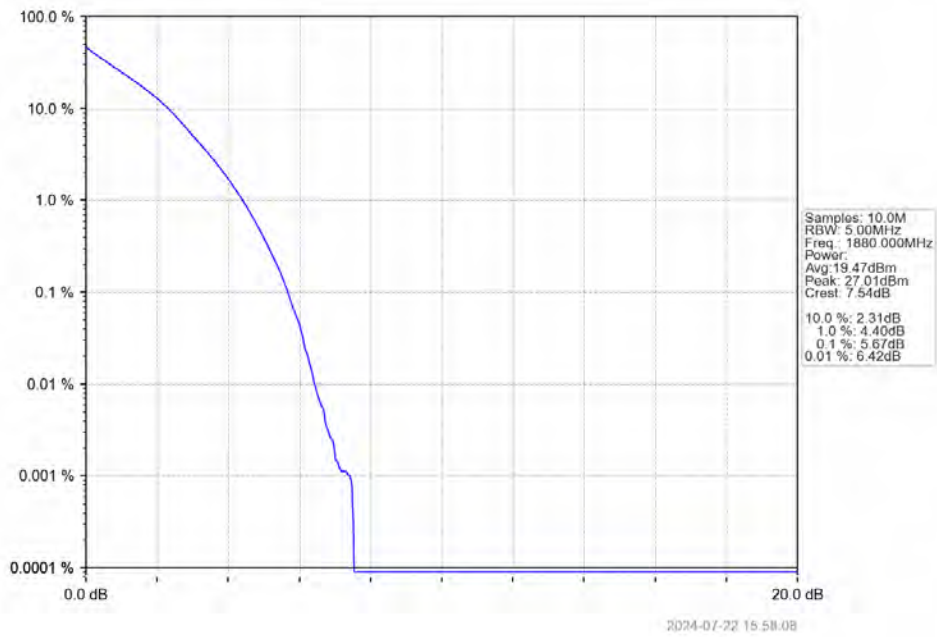


### 5.2.3 B2\_5MHz

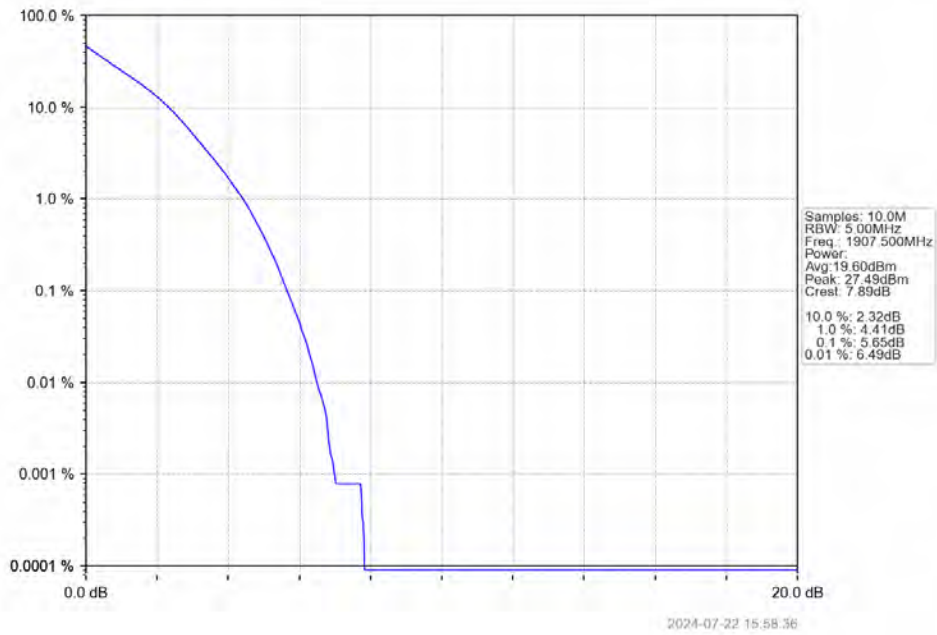
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



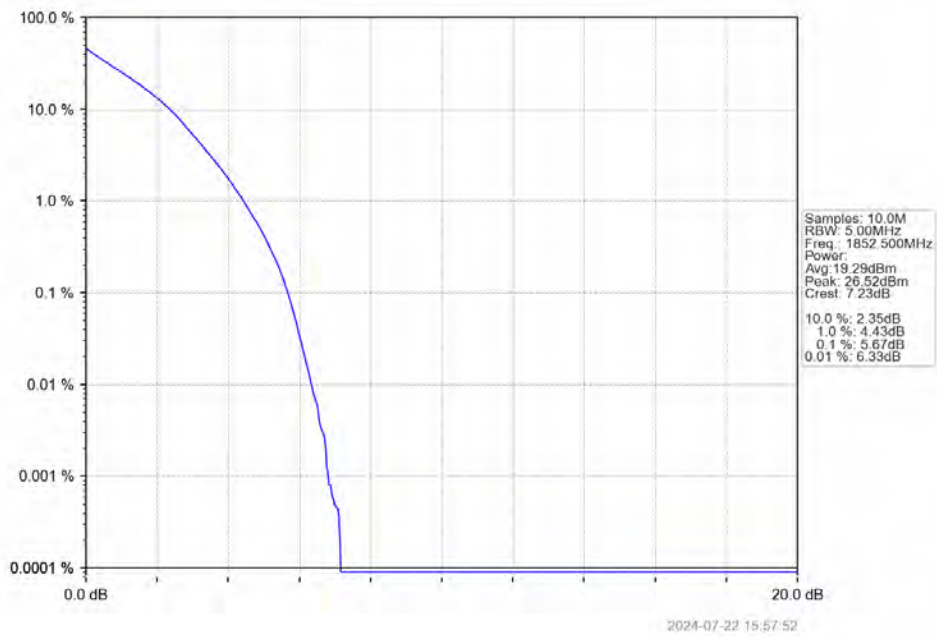
Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_25\_0\_NTNV



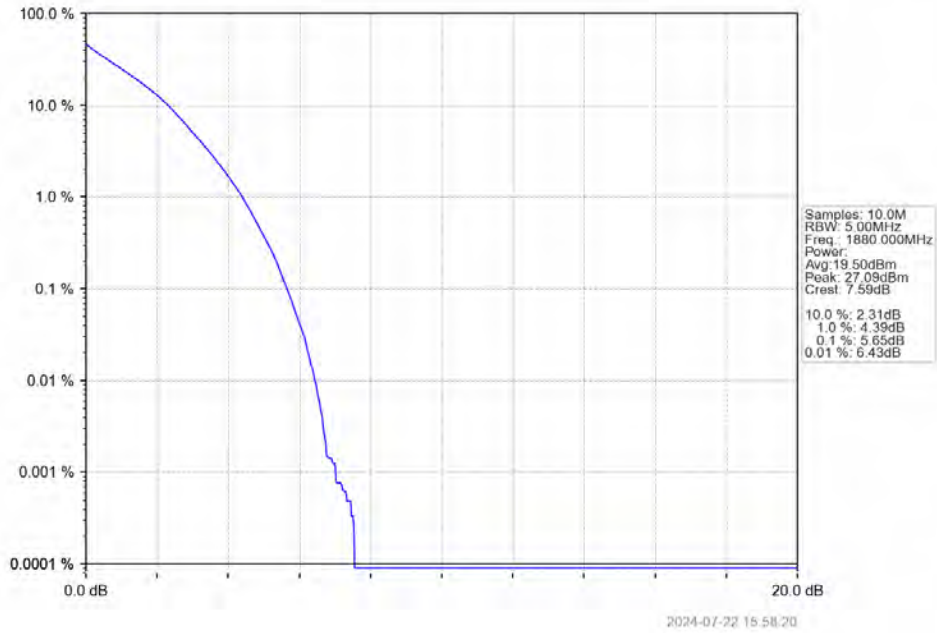
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



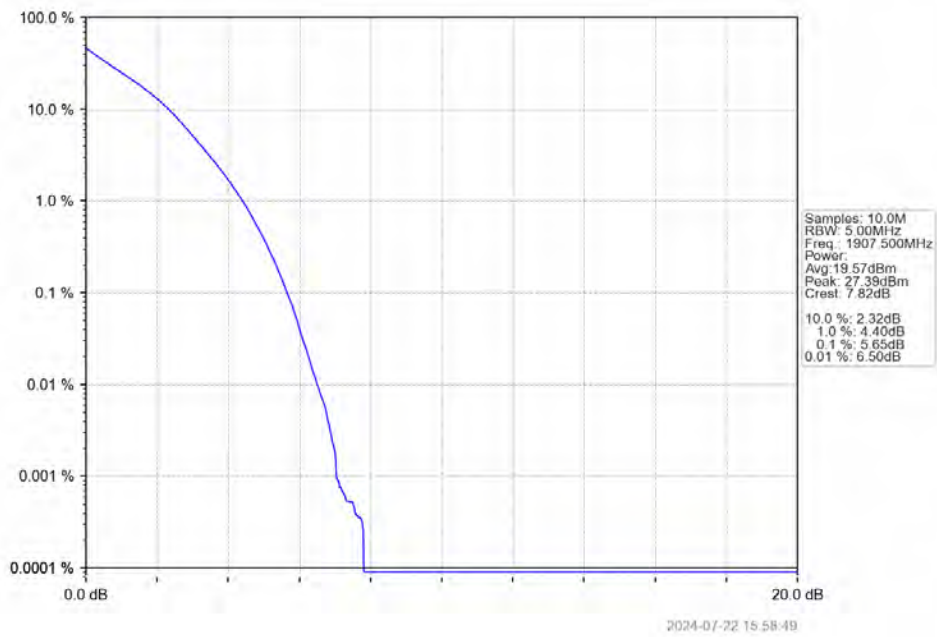
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV



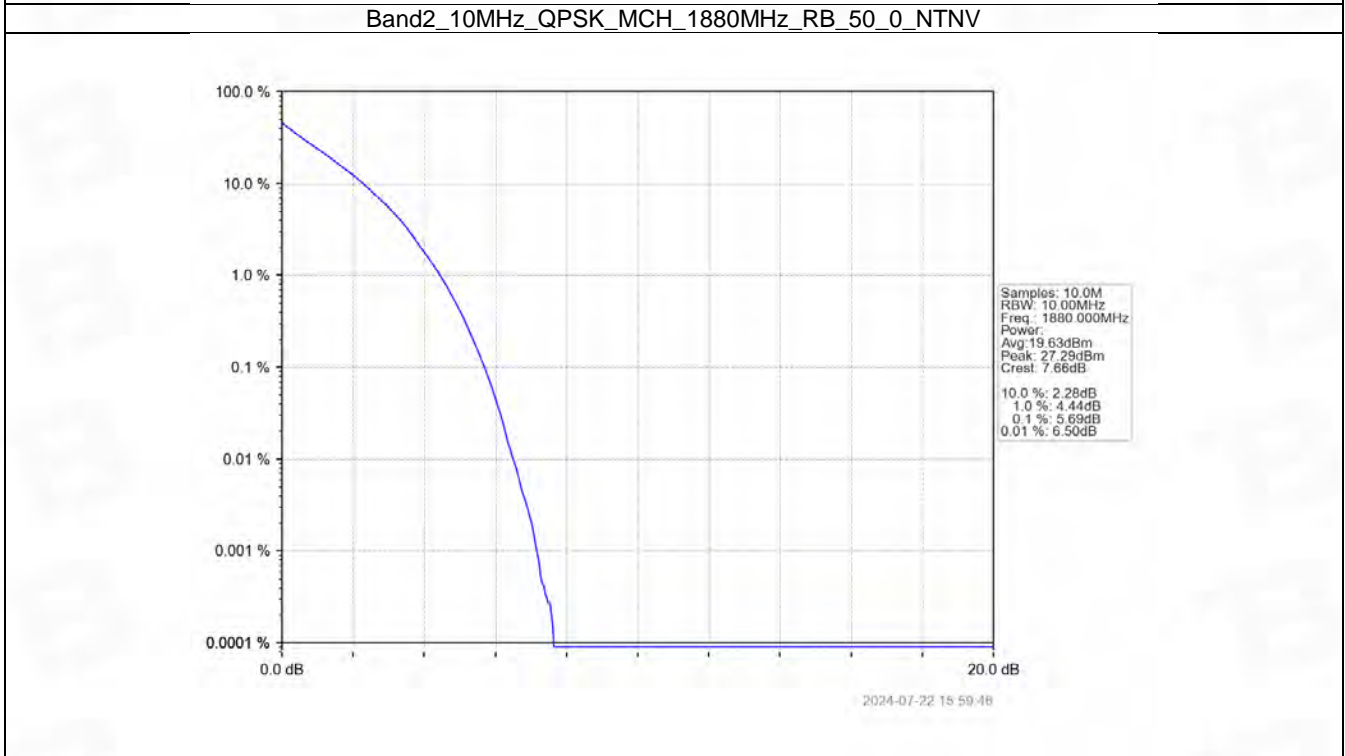
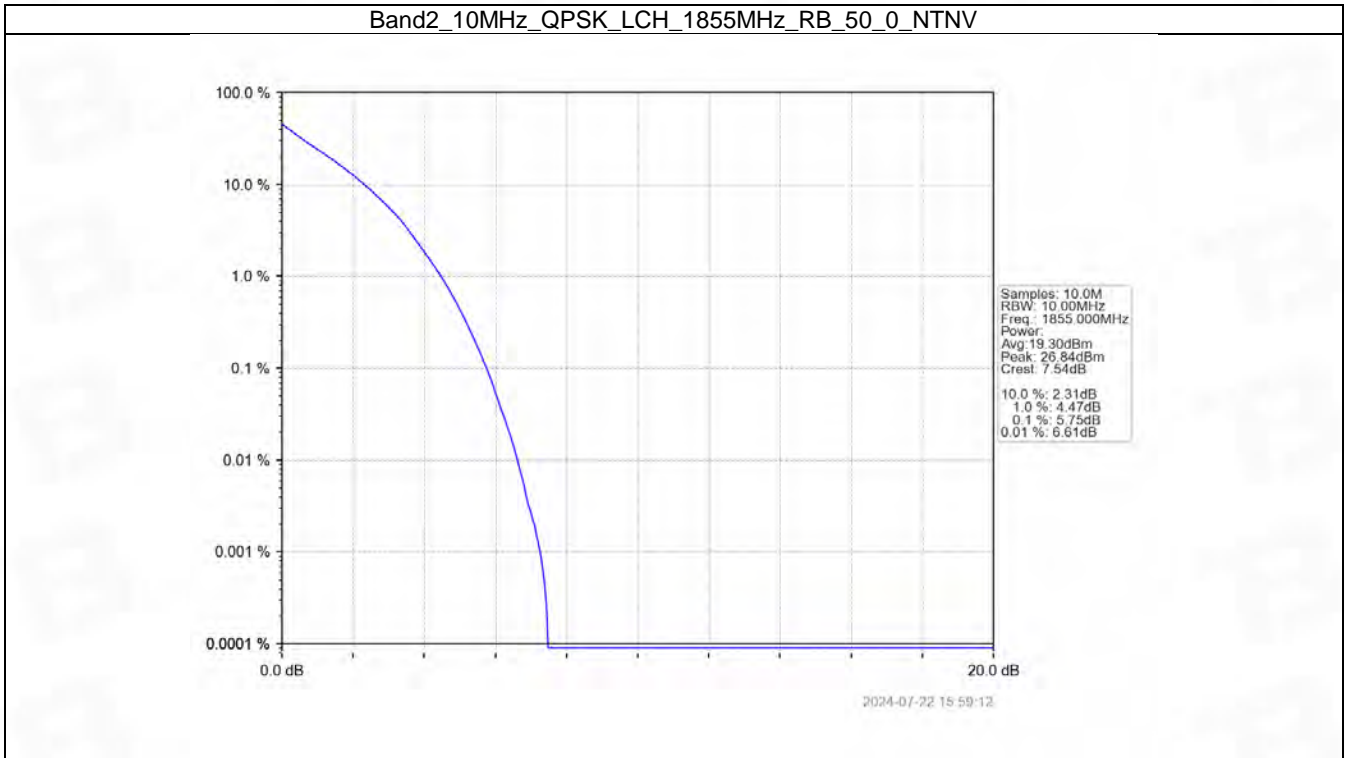
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_25\_0\_NTNV



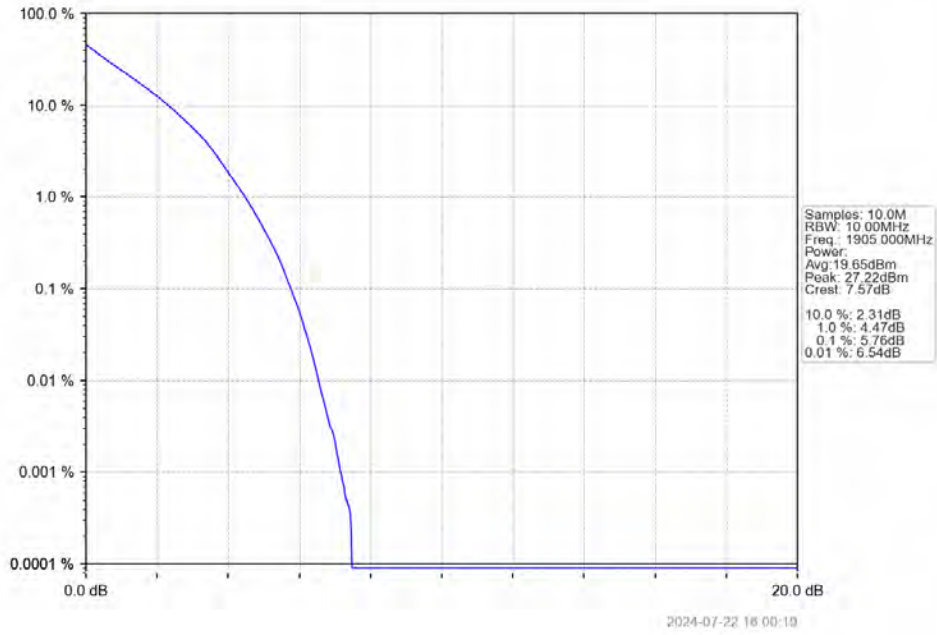
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_25\_0\_NTNV



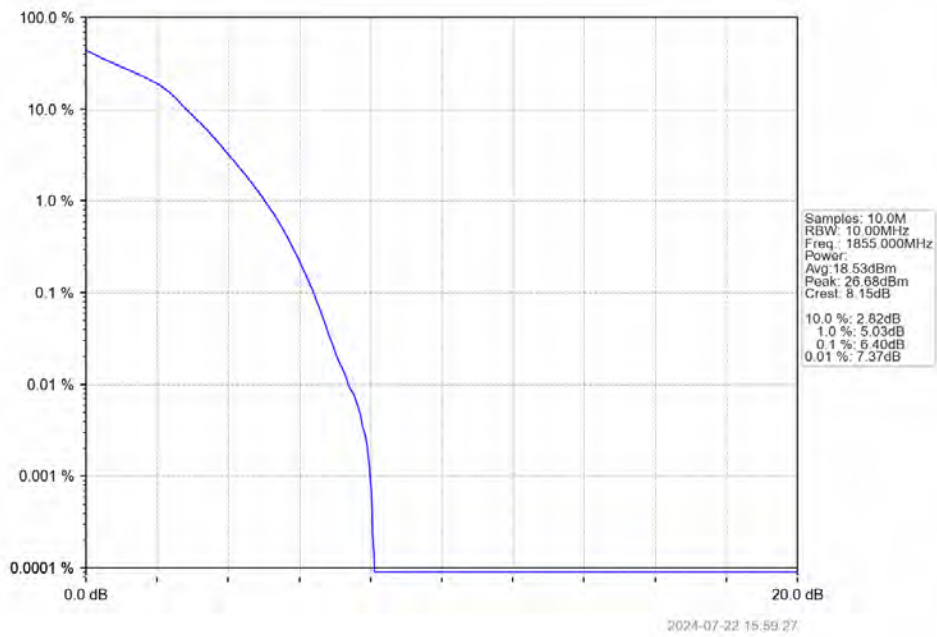
### 5.2.4 B2\_10MHz



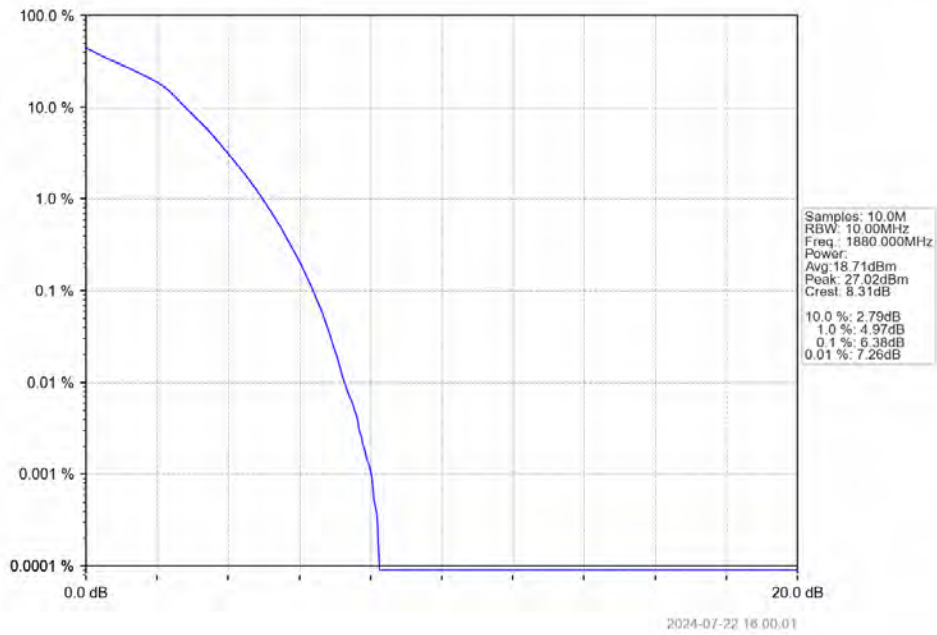
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



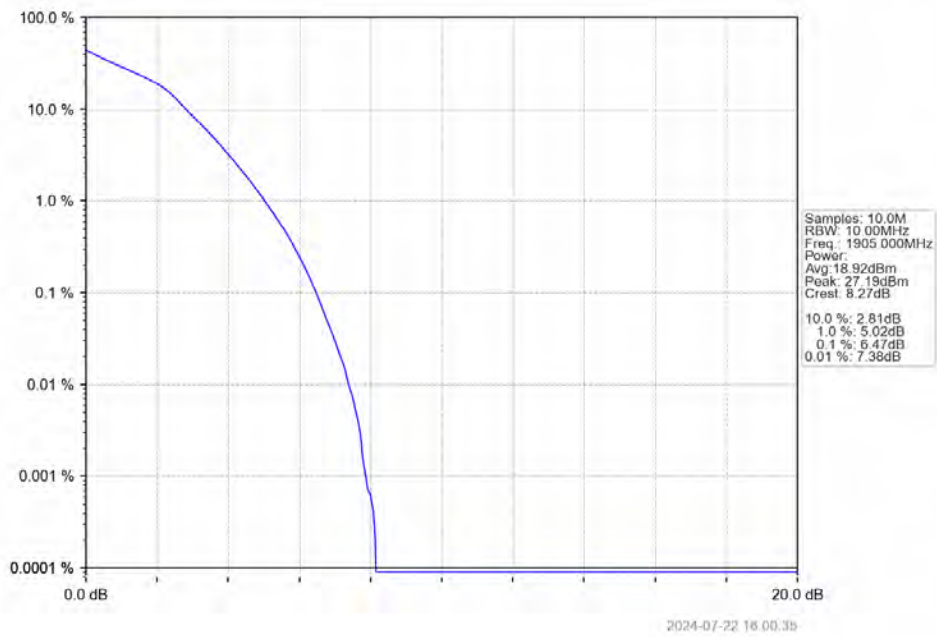
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV



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

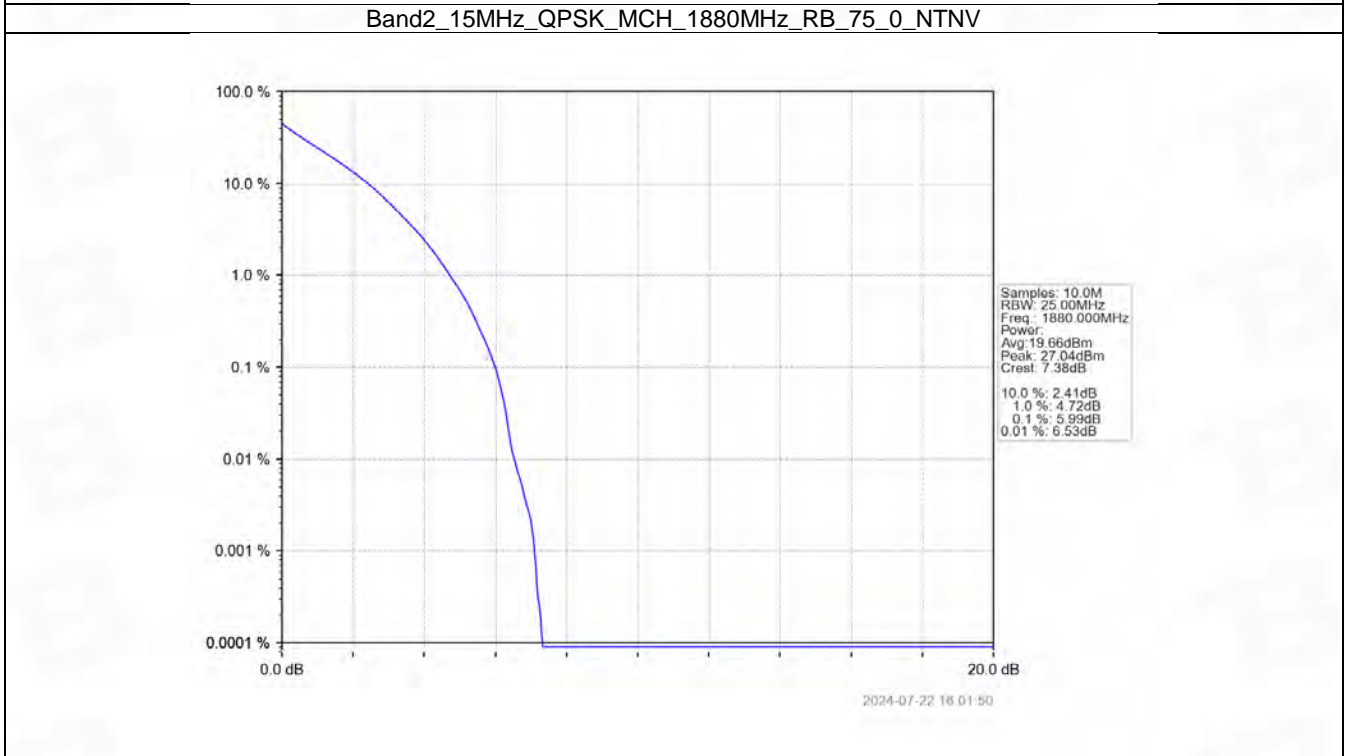
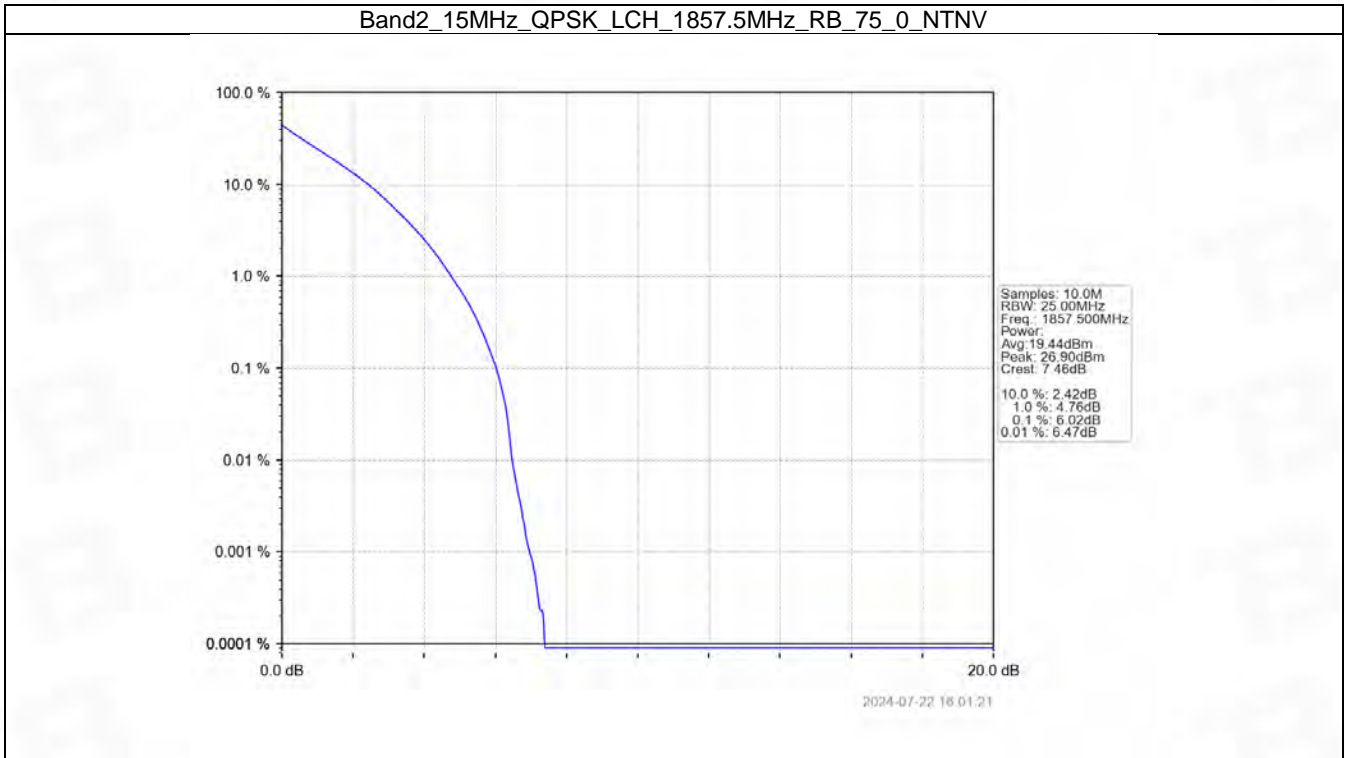


Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTNV

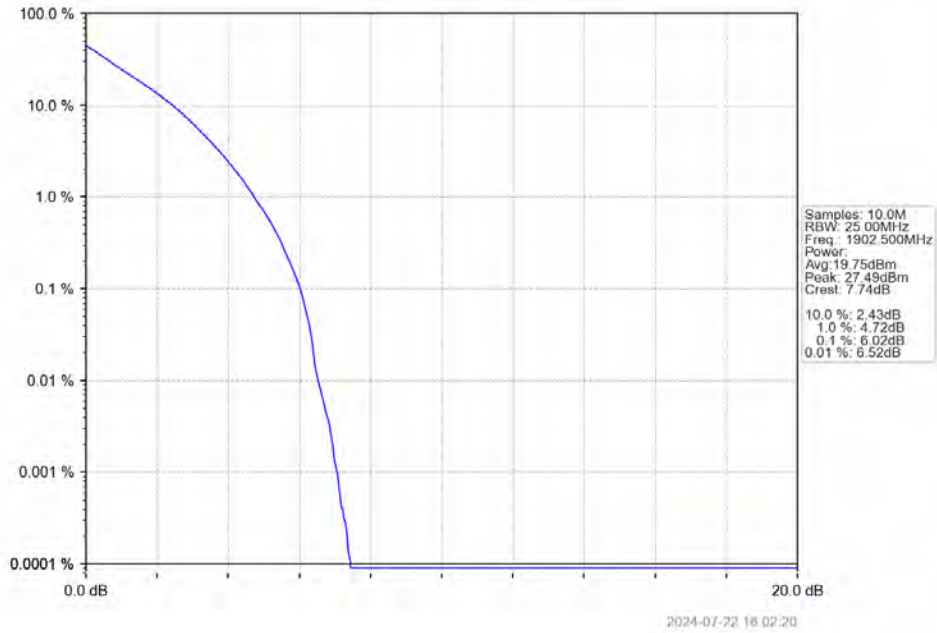




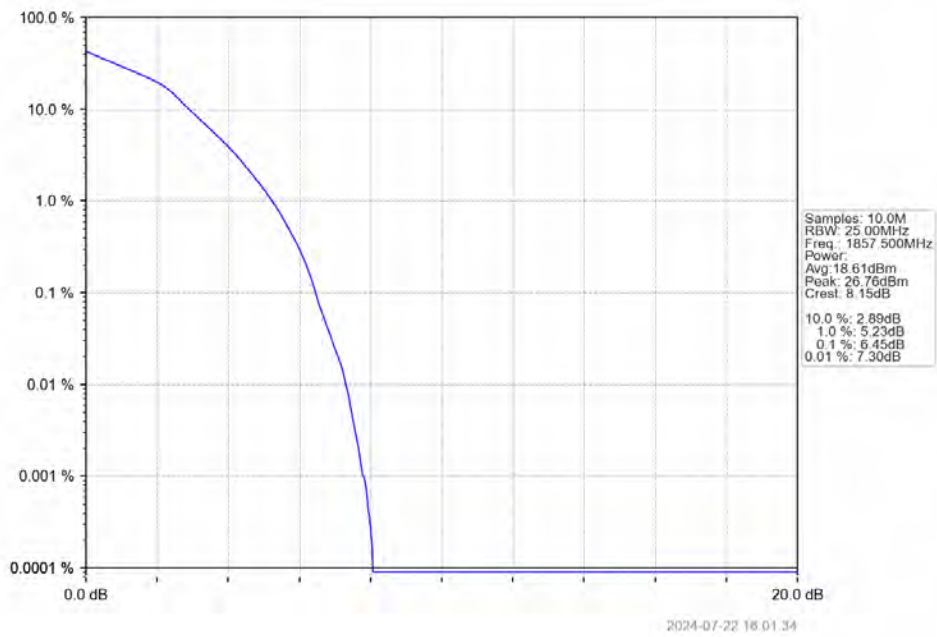
### 5.2.5 B2\_15MHz



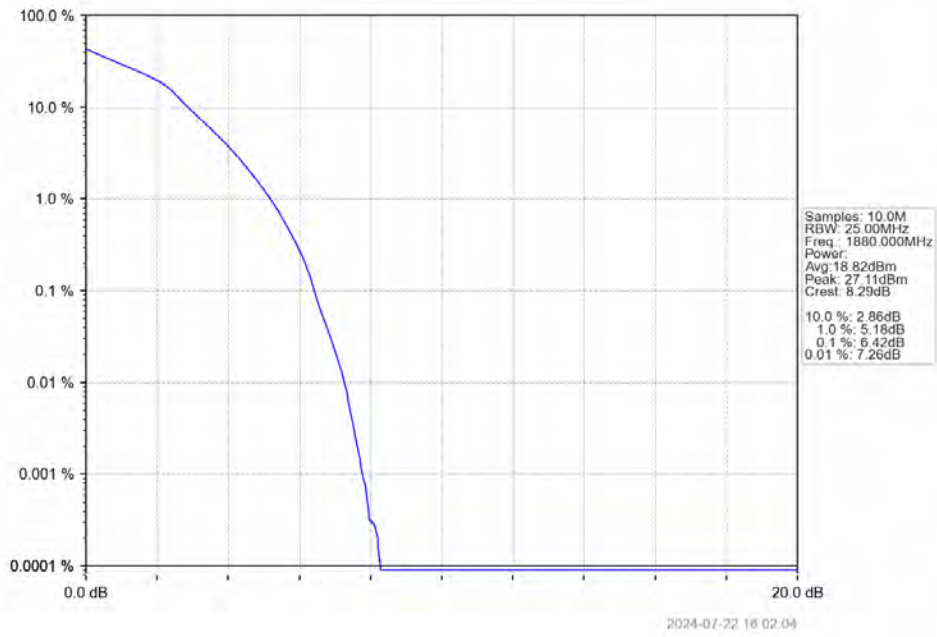
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



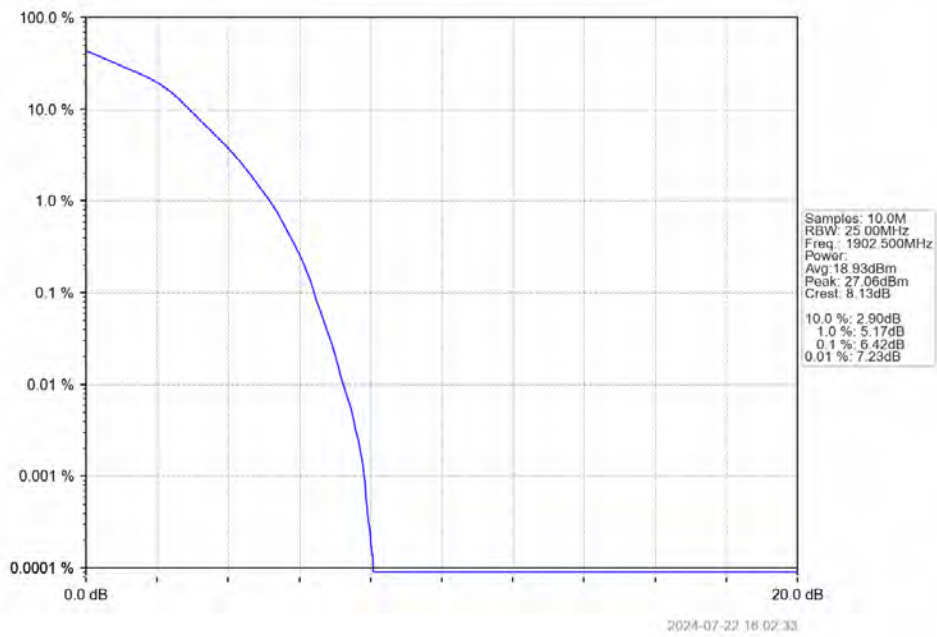
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



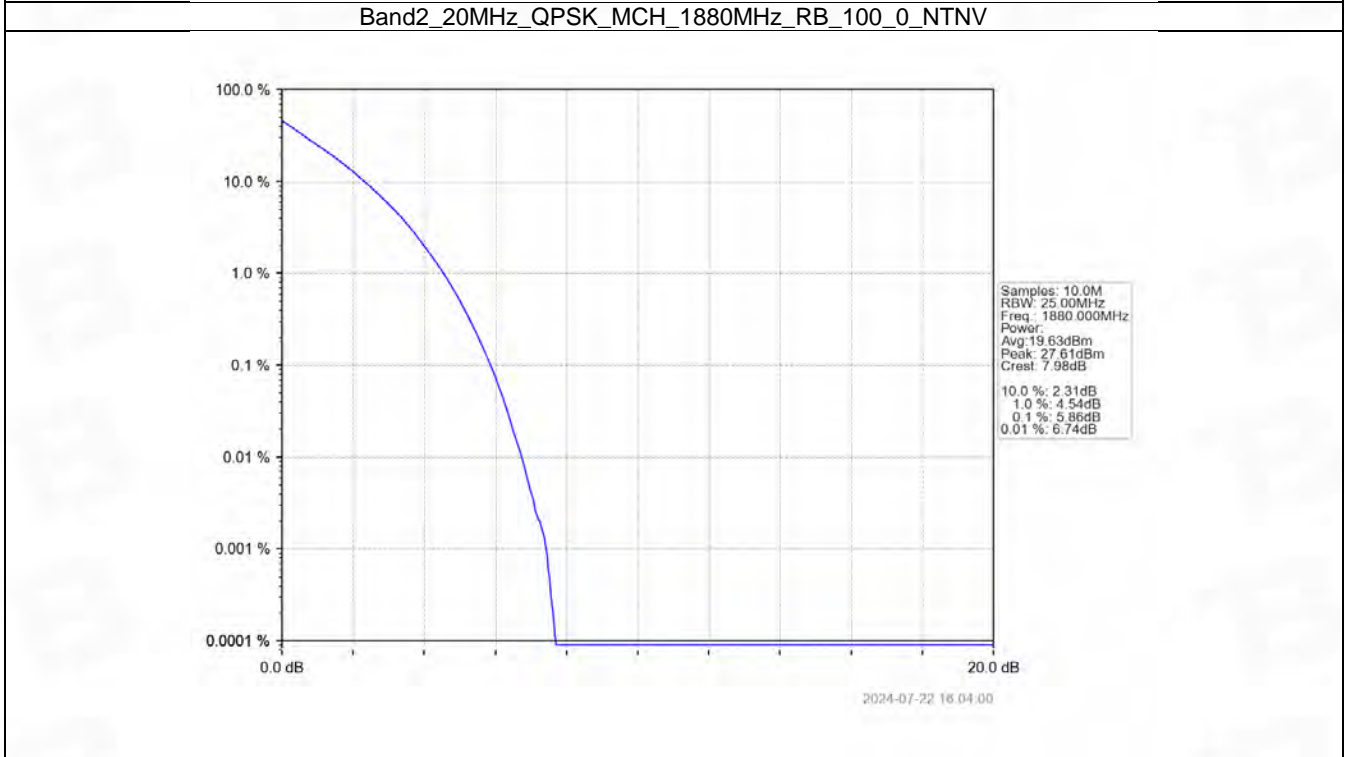
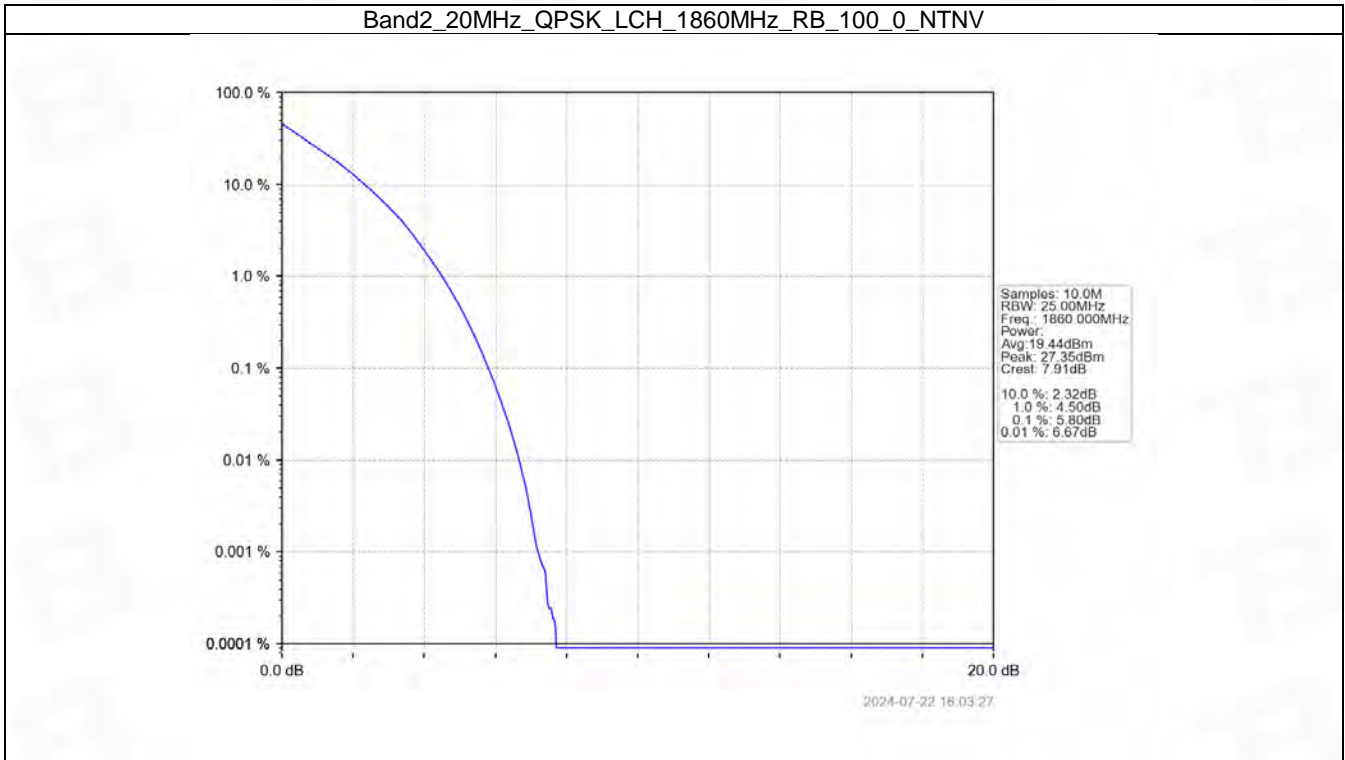
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_75\_0\_NTNV



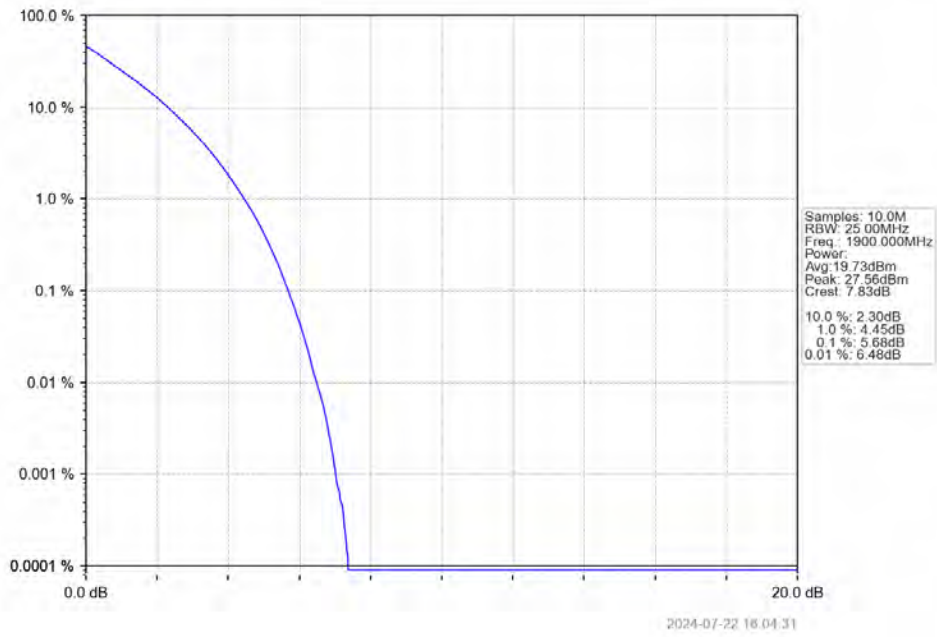
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV



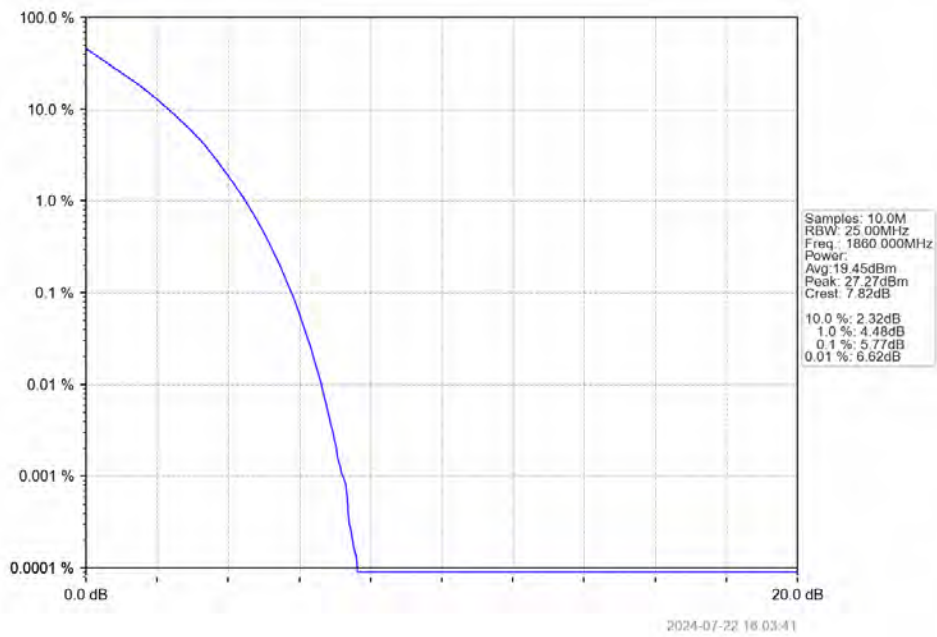
### 5.2.6 B2\_20MHz



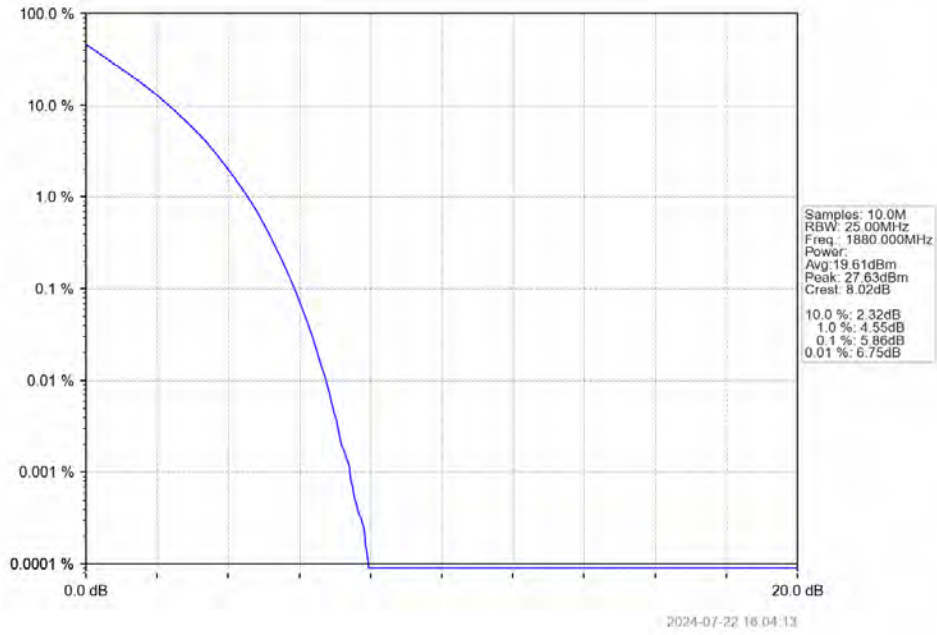
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV



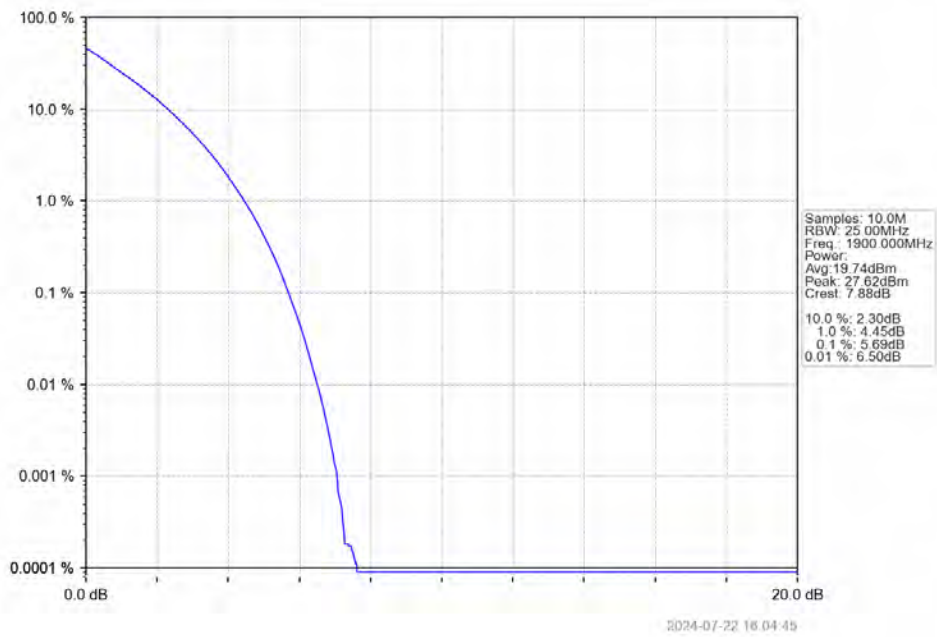
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV



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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1909.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

#### 6.1.2 B2\_3MHz

Band: 2 / Bandwidth: 3MHz / NTNV						
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
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

#### 6.1.3 B2\_5MHz

Band: 2 / Bandwidth: 5MHz / NTNV						
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
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass

		25	0	Refer To Test Graph	Pass
	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 / NTN						
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	
	1880	1	0	Refer To Test Graph	Pass	
		1905	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	
16QAM	1855	1	0	Refer To Test Graph	Pass	
		50	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1905	1	0	Refer To Test Graph	Pass
				49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass	

#### 6.1.5 B2\_15MHz

Band: 2 / Bandwidth: 15MHz / NTN						
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	
	1880	1	0	Refer To Test Graph	Pass	
		1902.5	1	0	Refer To Test Graph	Pass
				74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass	
16QAM	1857.5	1	0	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1902.5	1	0	Refer To Test Graph	Pass
				74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass	

#### 6.1.6 B2\_20MHz

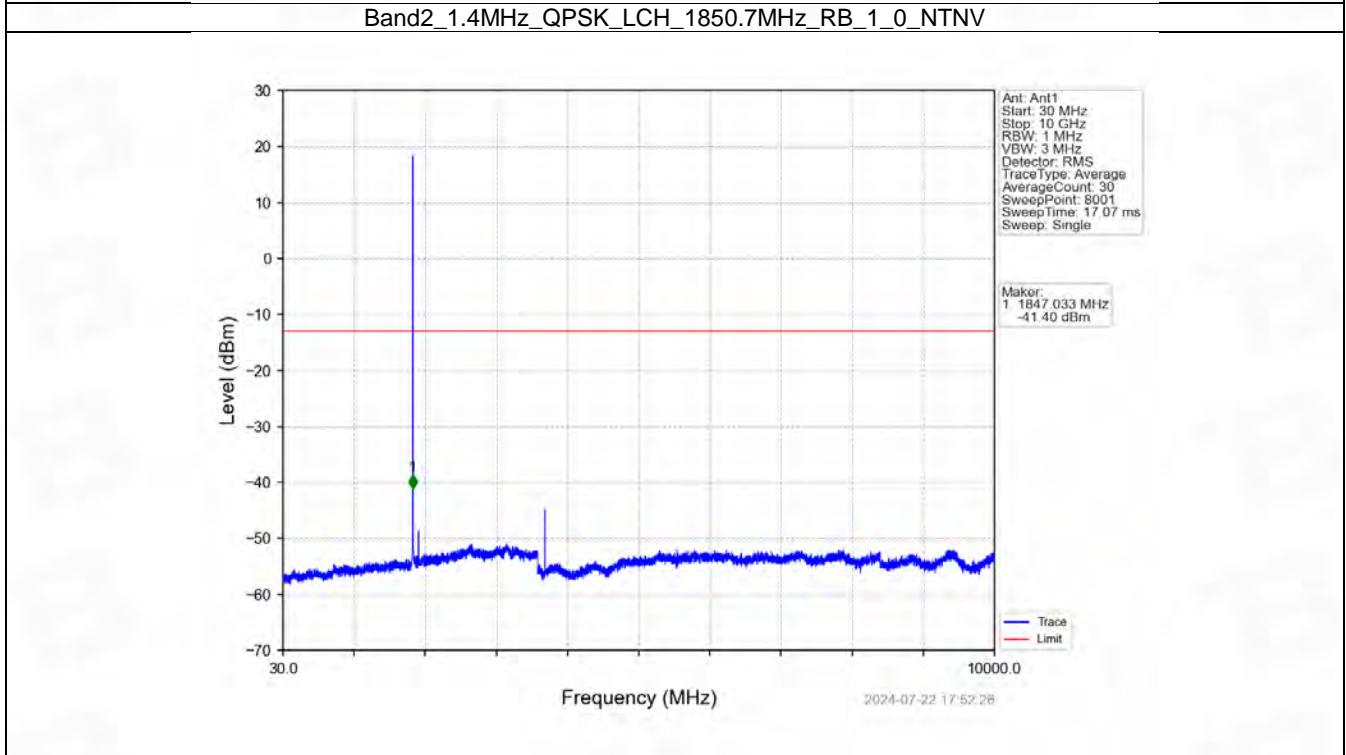
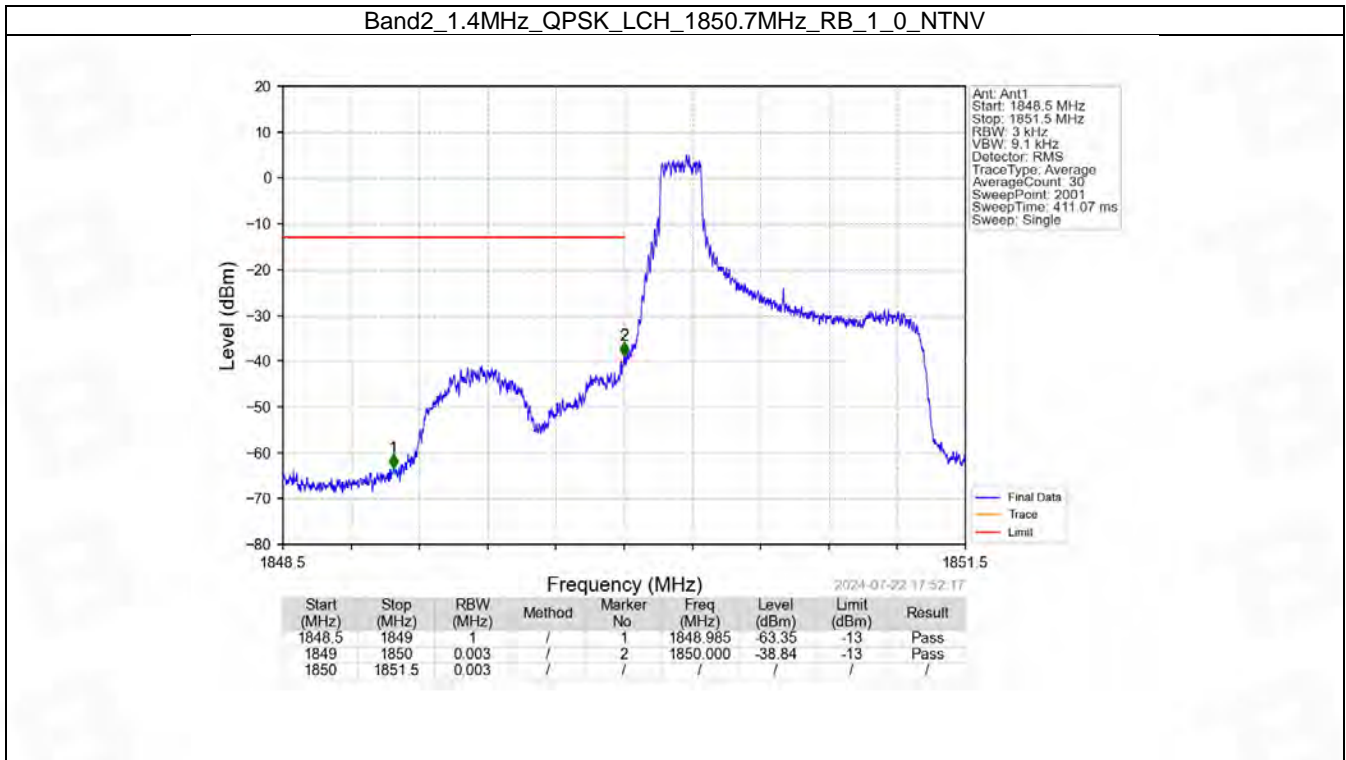
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		1900	1	0	Refer To Test Graph	Pass
				99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass	
16QAM	1860	1	0	Refer To Test Graph	Pass	



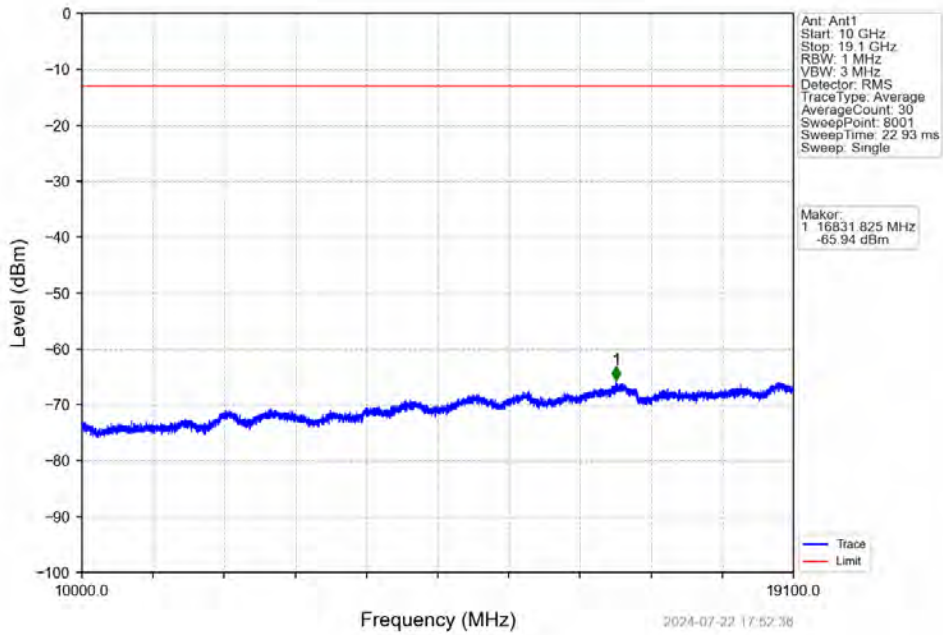
		100	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1900	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

## 6.2 Test Graph

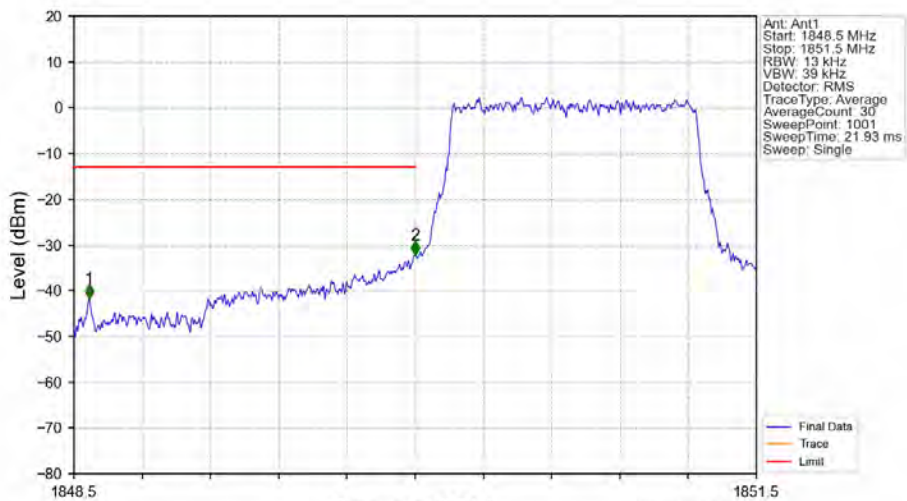
### 6.2.1 B2\_1.4MHz



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

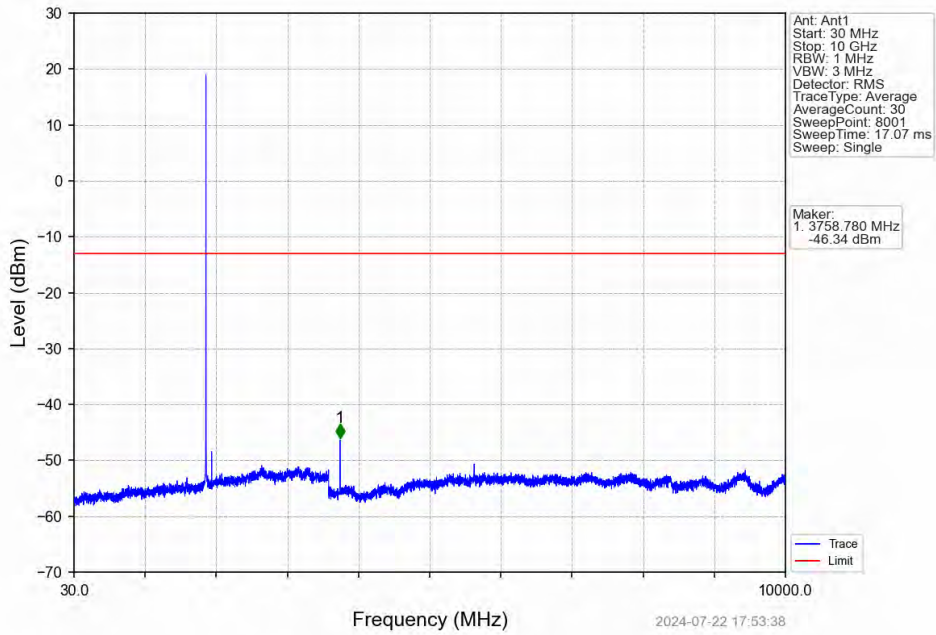


Band2\_1.4MHz\_QPSK\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV

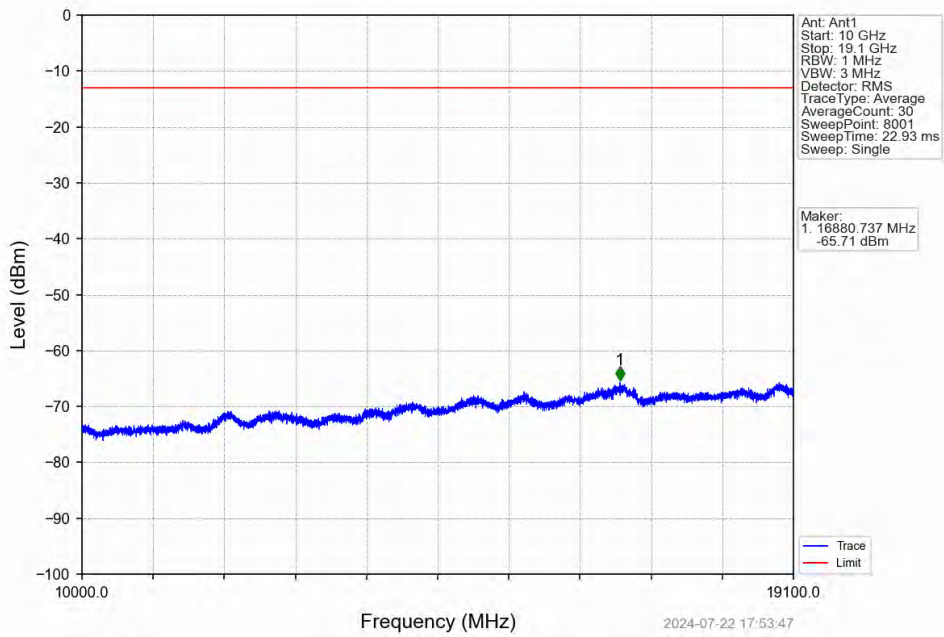


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.566	-41.77	-13	Pass
1849	1850	0.013	/	2	1850.000	-32.15	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

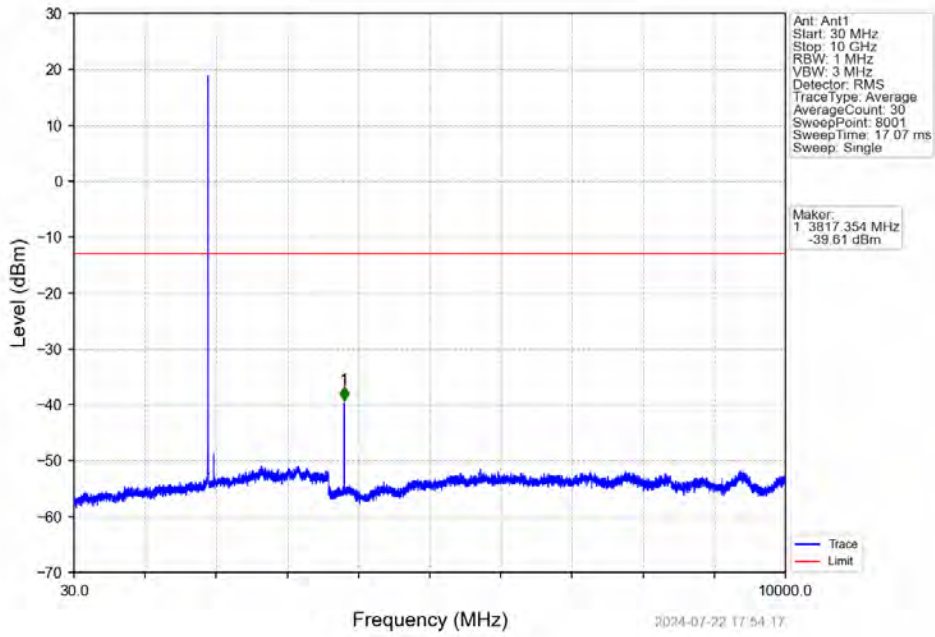
Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



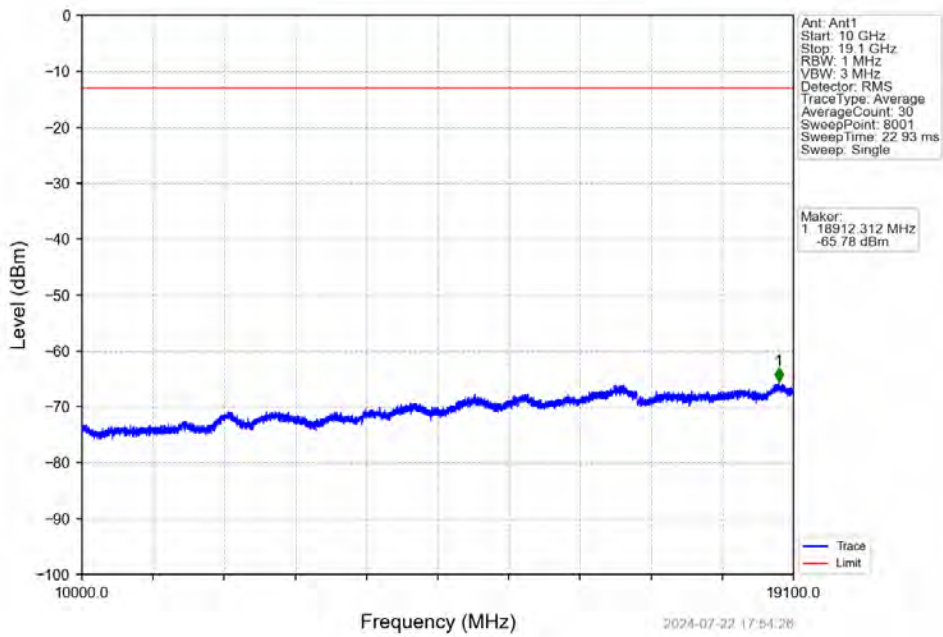
Band2\_1.4MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



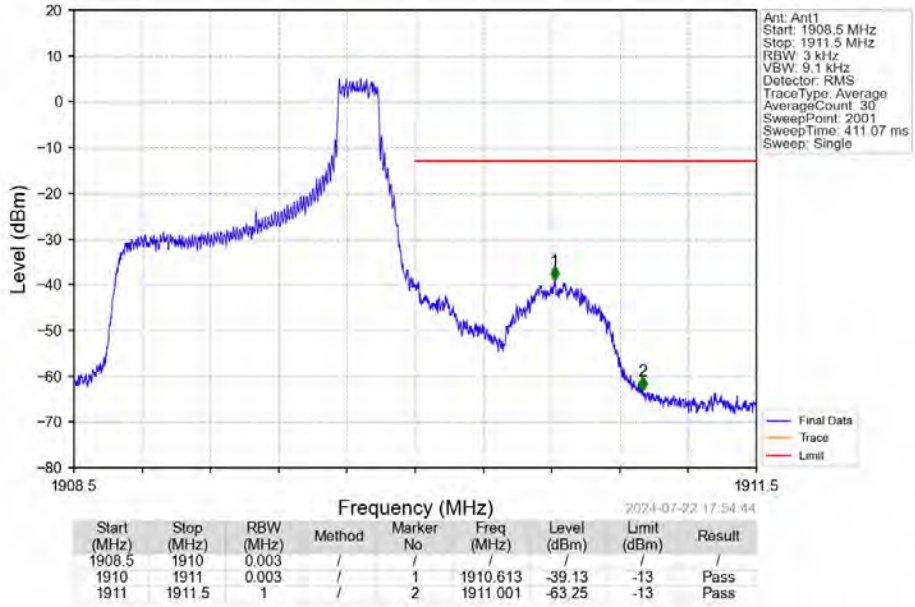
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTV



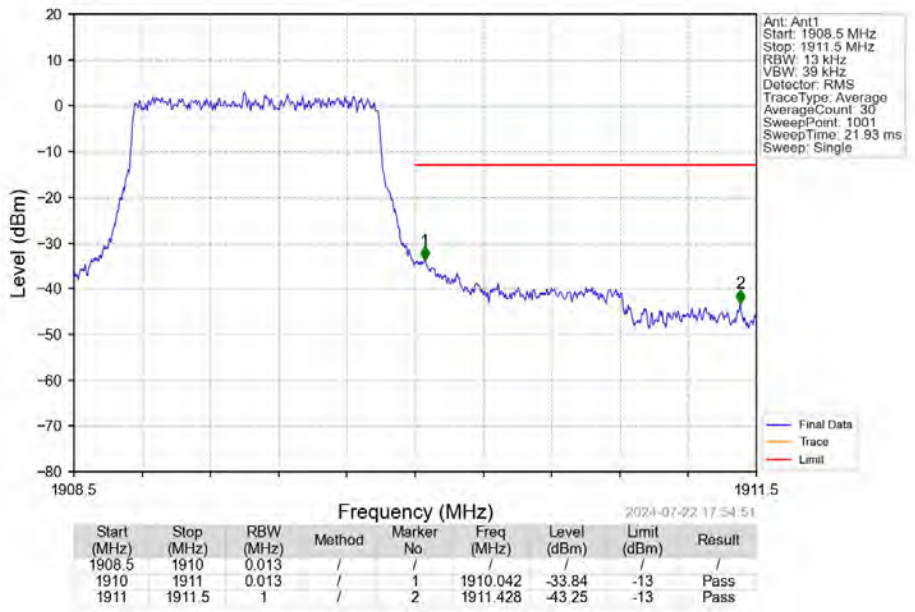
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_0\_NTV



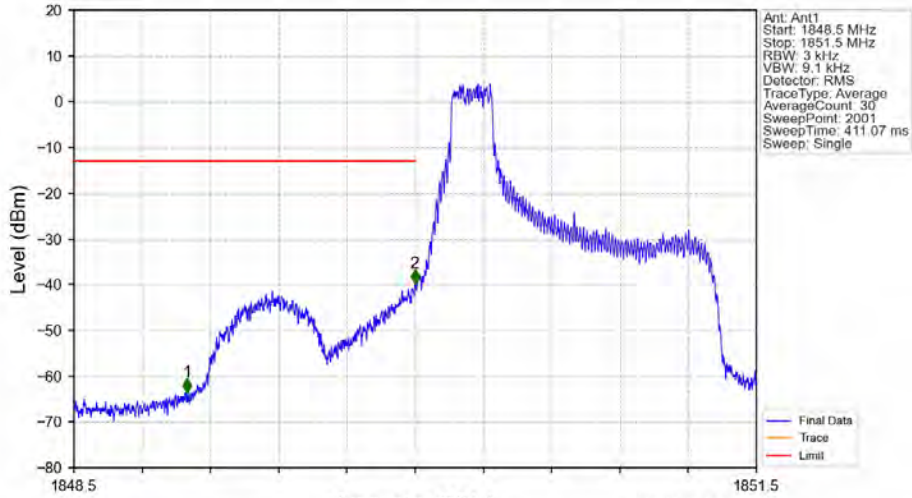
Band2\_1.4MHz\_QPSK\_HCH\_1909.3MHz\_RB\_1\_5\_NTV



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



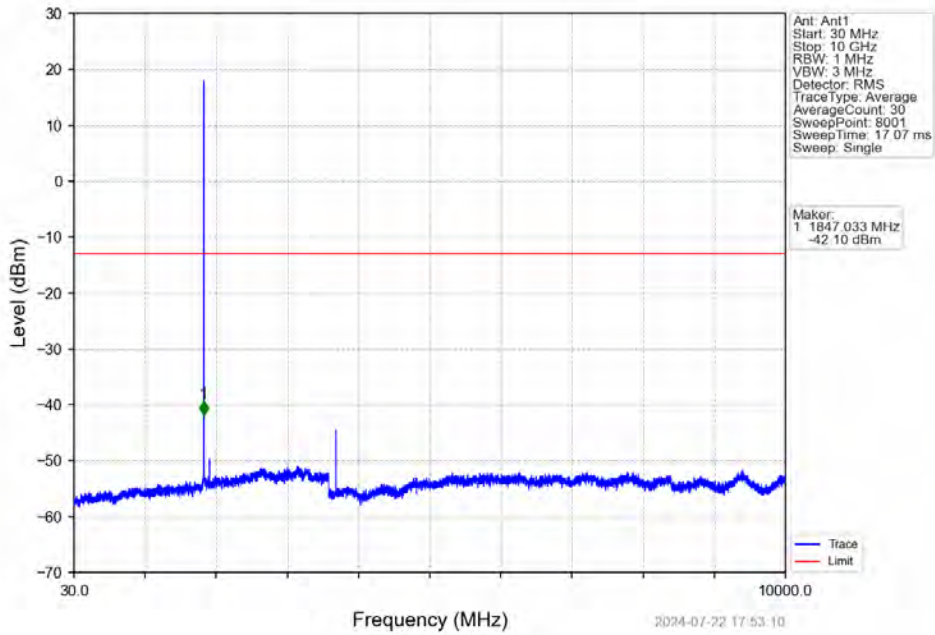
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_1\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.998	-63.52	-13	Pass
1849	1850	0.003	/	2	1849.998	-39.70	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

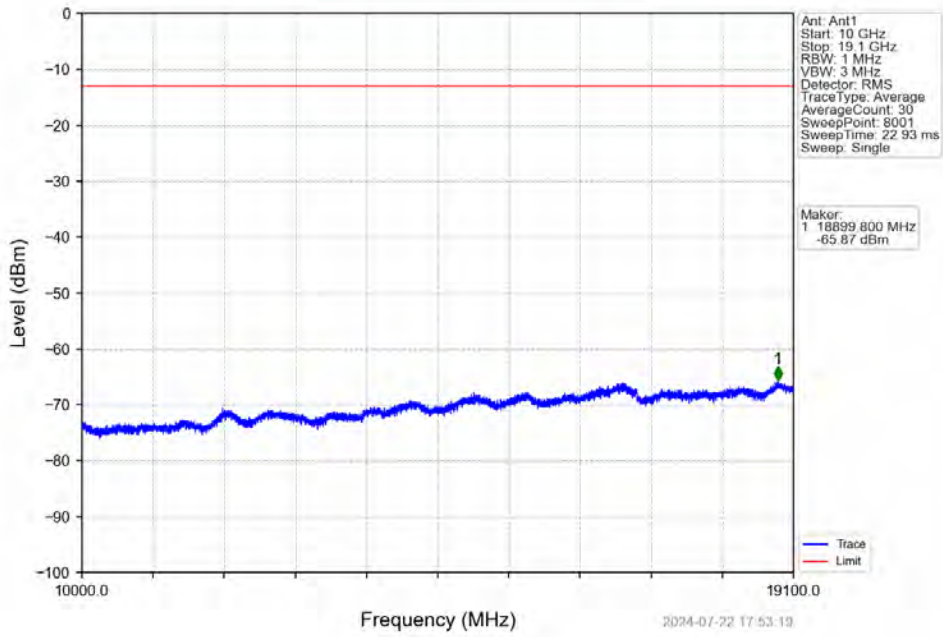
2024-07-22 17:53:01

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

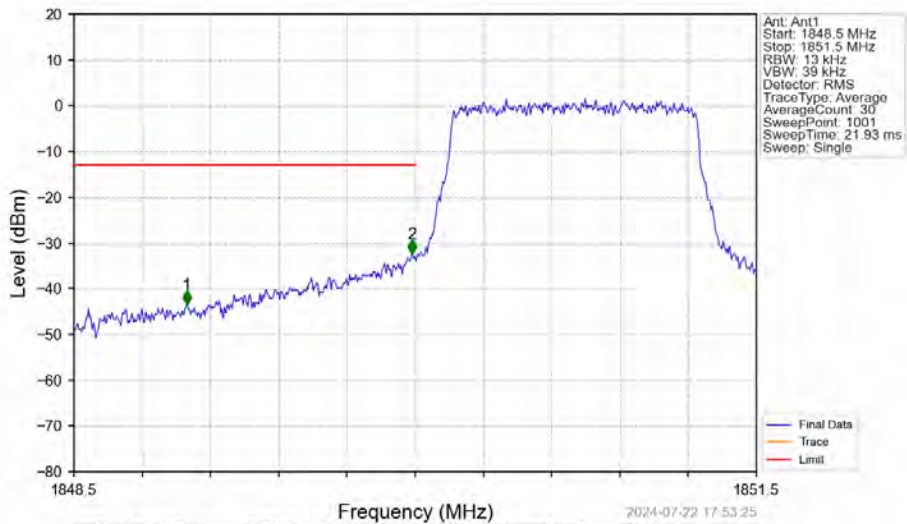


2024-07-22 17:53:10

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



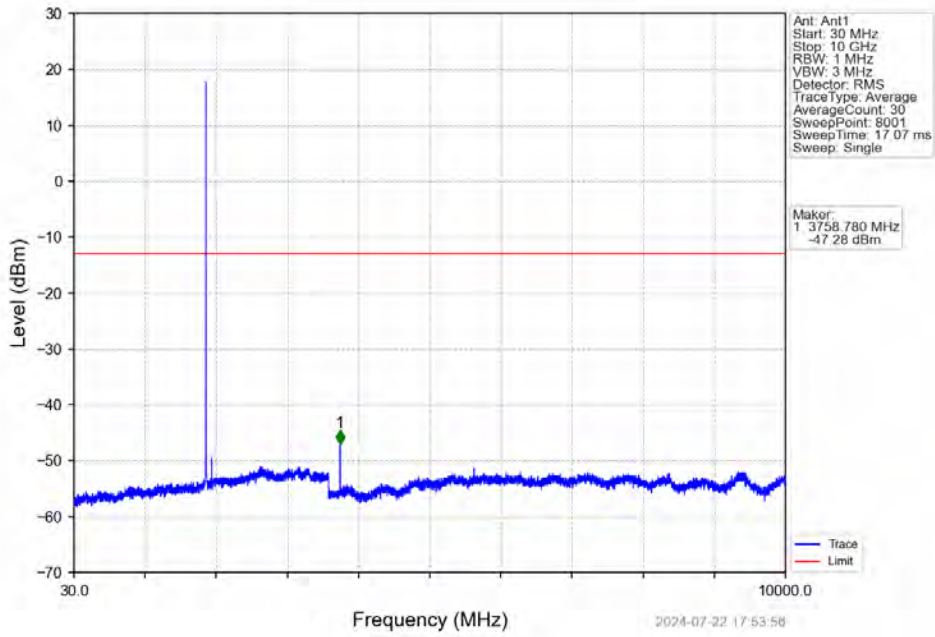
Band2\_1.4MHz\_16QAM\_LCH\_1850.7MHz\_RB\_6\_0\_NTNV



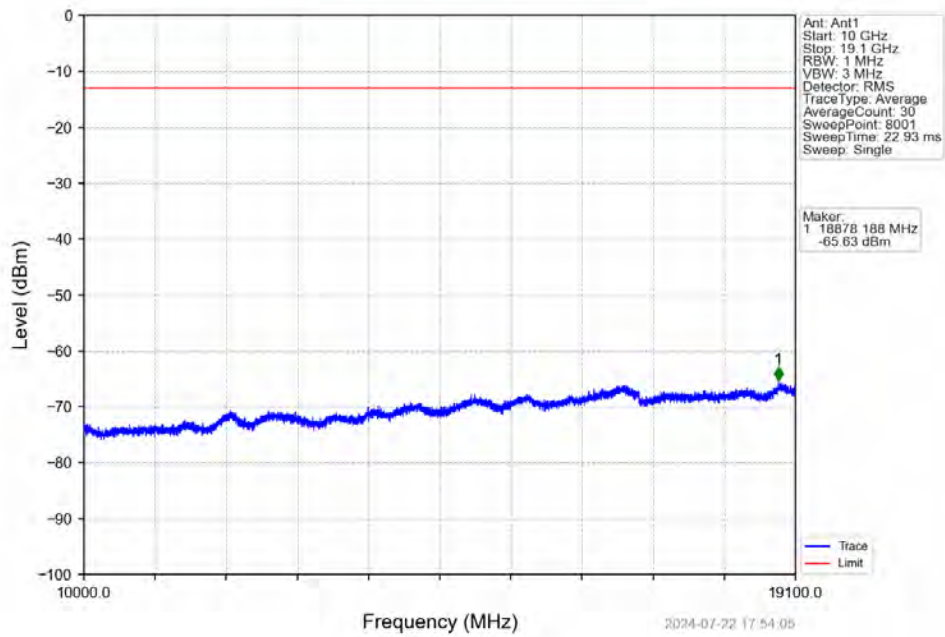
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.995	-43.45	-13	Pass
1849	1850	0.013	/	2	1849.985	-32.36	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/



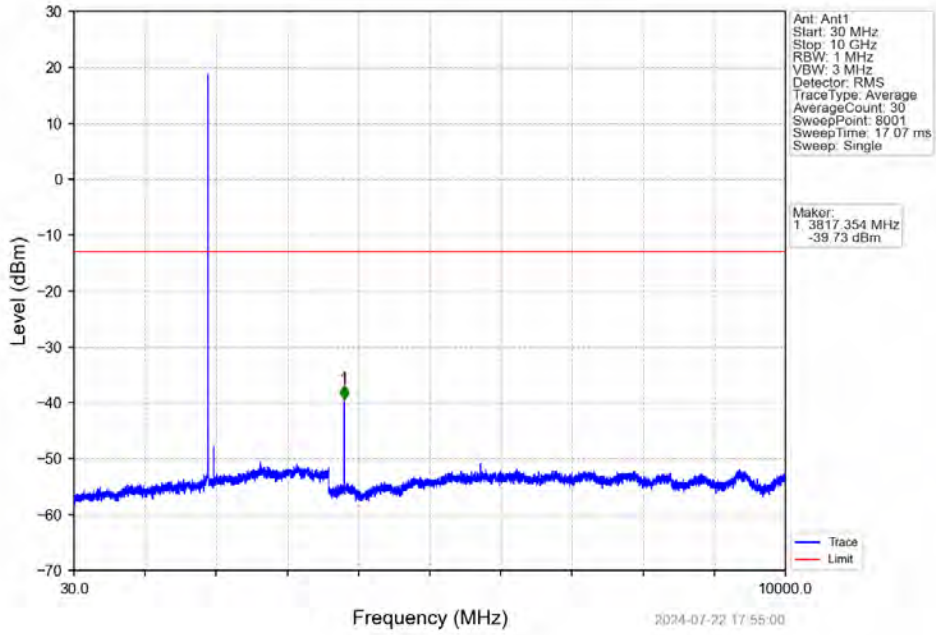
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



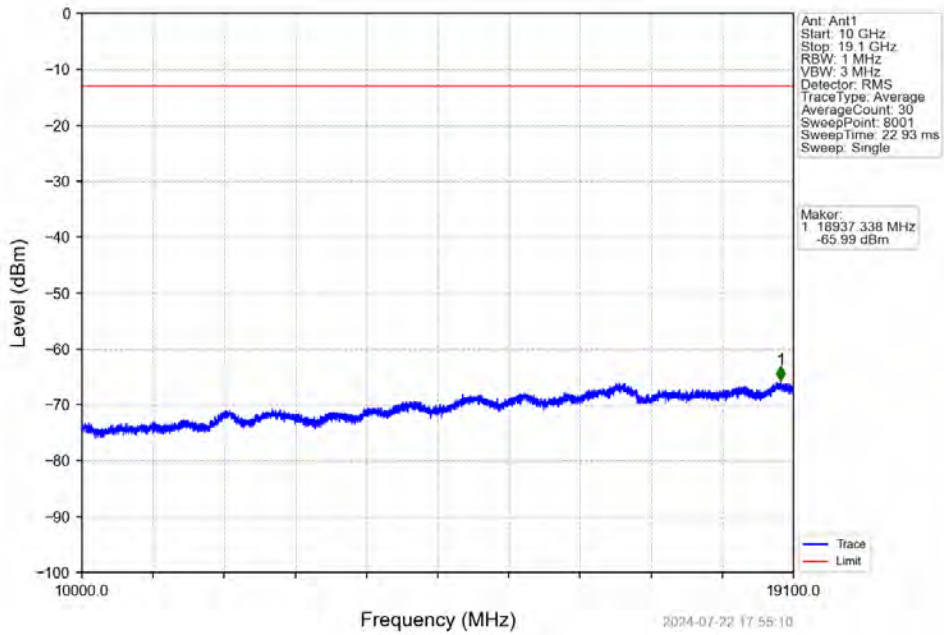
Band2\_1.4MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



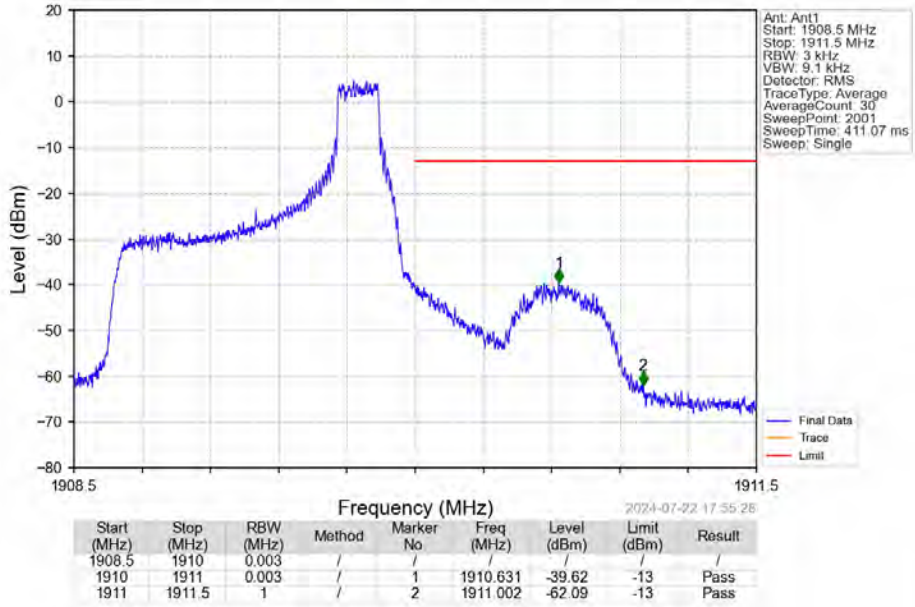
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



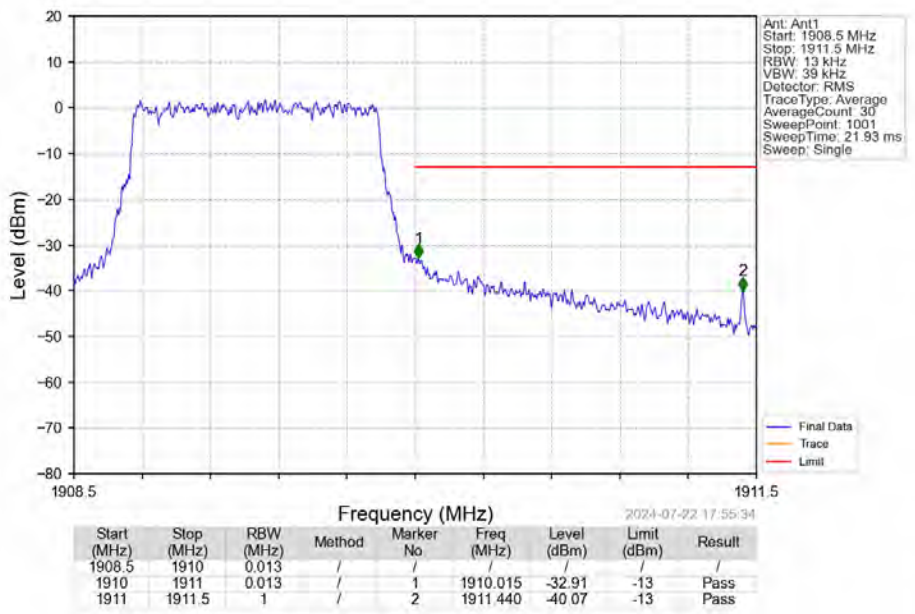
Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_1\_0\_NTNV



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

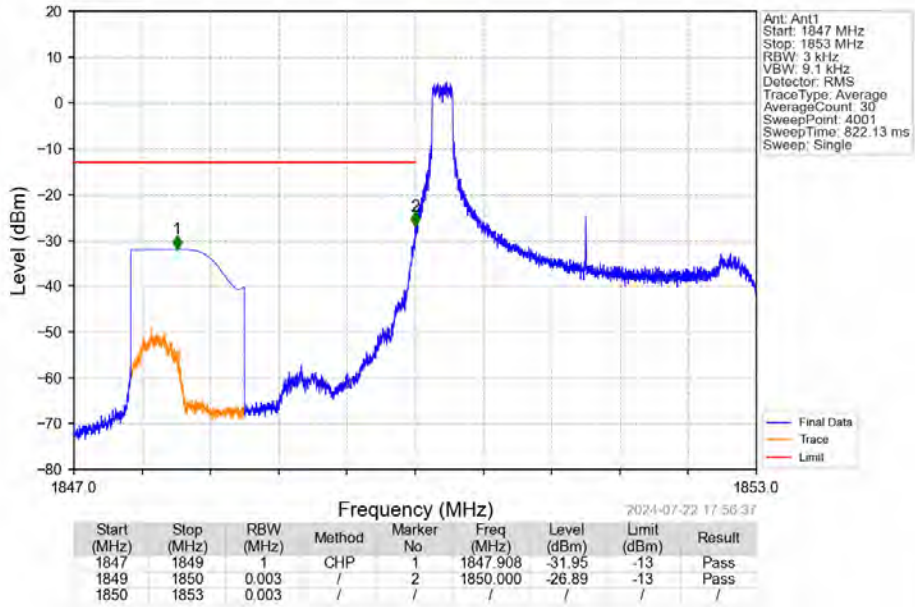


Band2\_1.4MHz\_16QAM\_HCH\_1909.3MHz\_RB\_6\_0\_NTNV

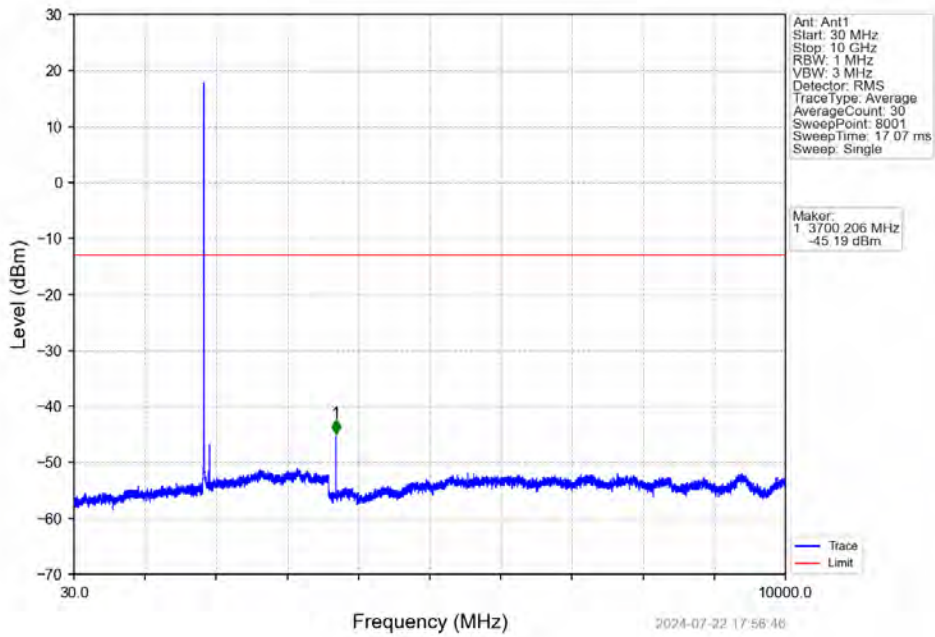


### 6.2.2 B2\_3MHz

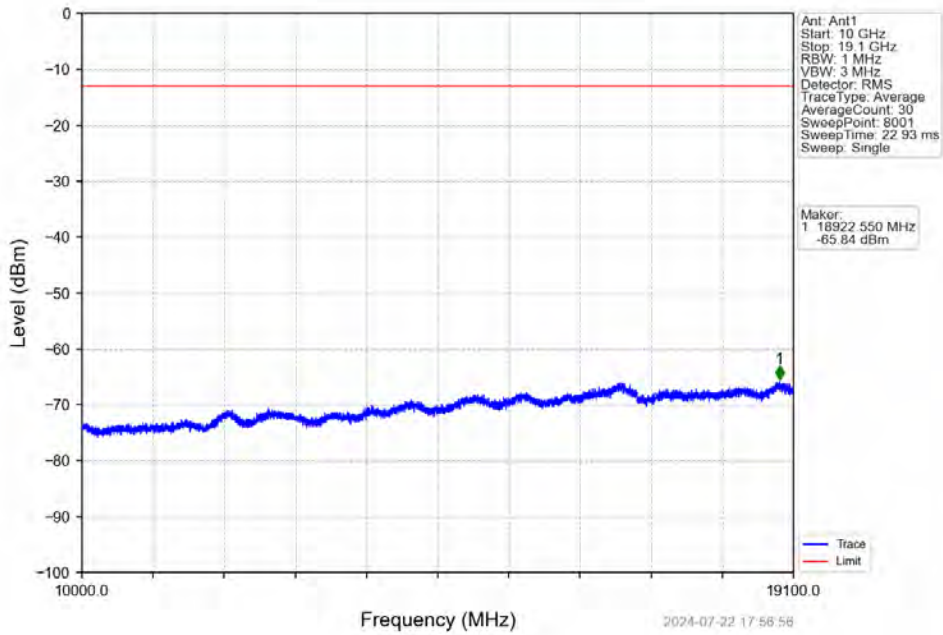
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



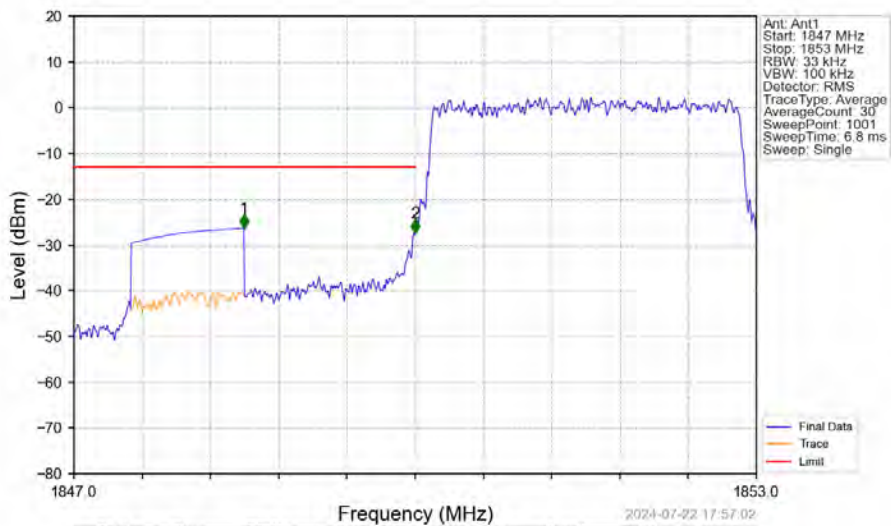
Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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

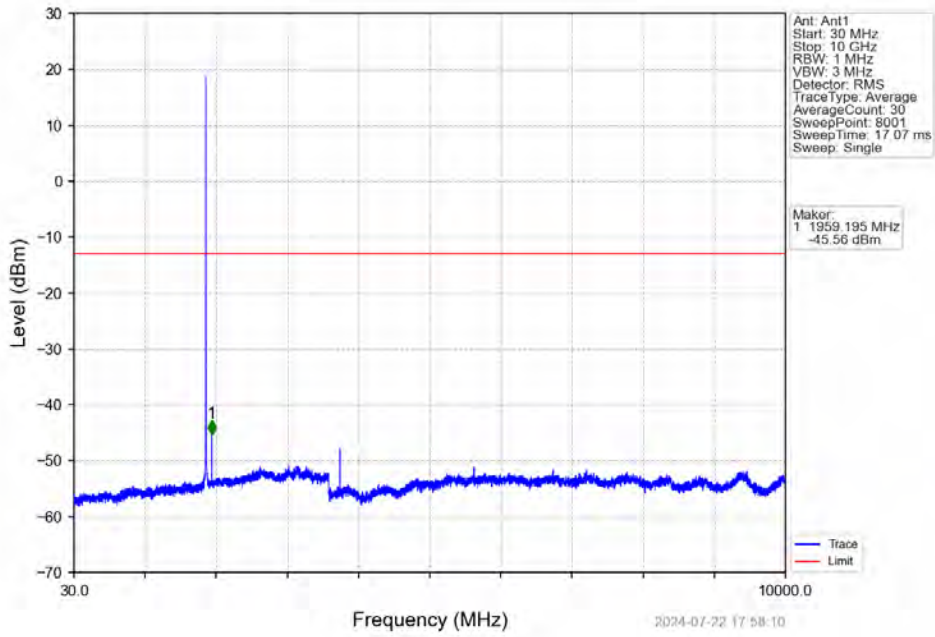


Band2\_3MHz\_QPSK\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

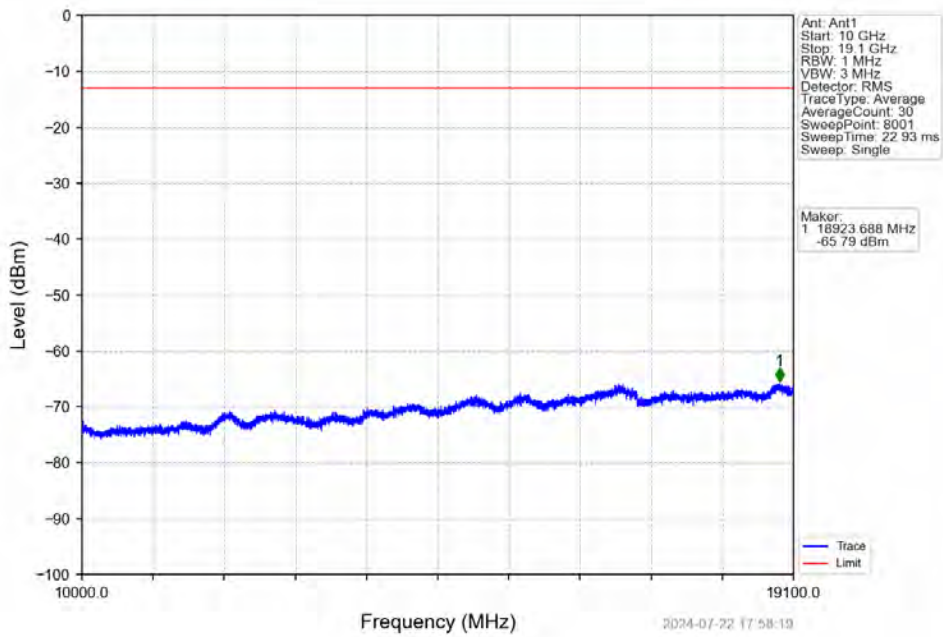


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-26.42	-13	Pass
1849	1850	0.033	/	2	1850.000	-27.39	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

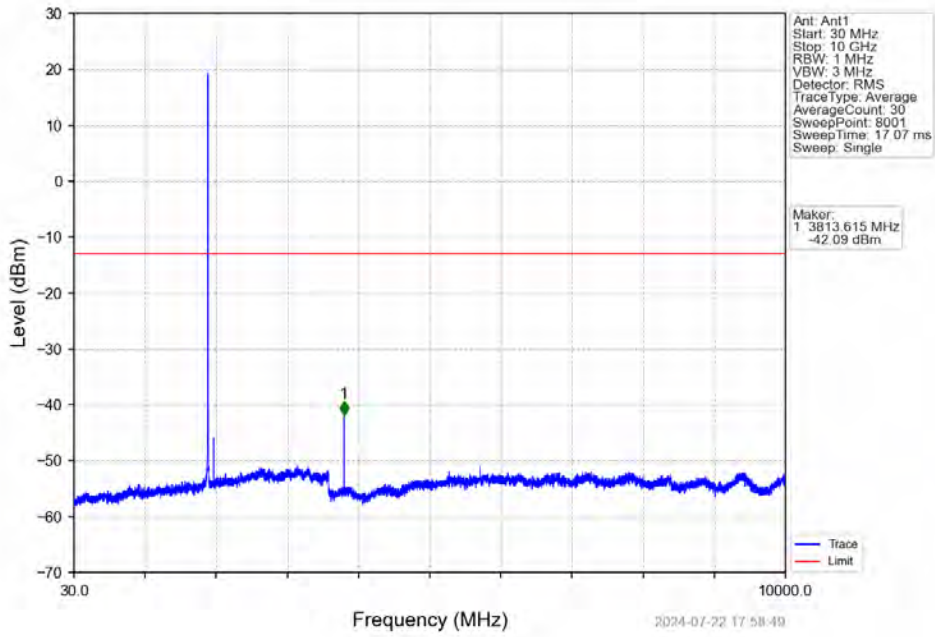
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



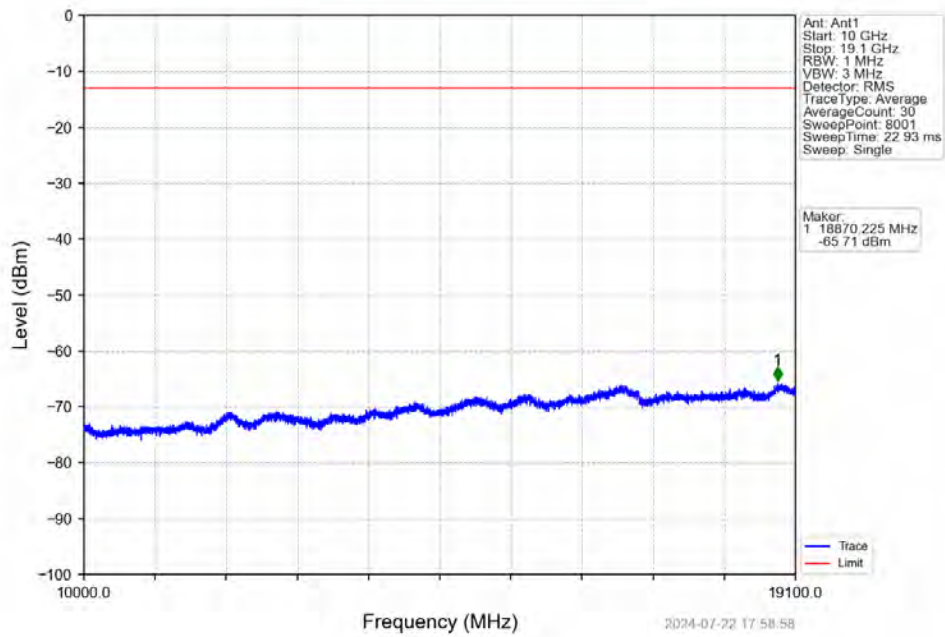
Band2\_3MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



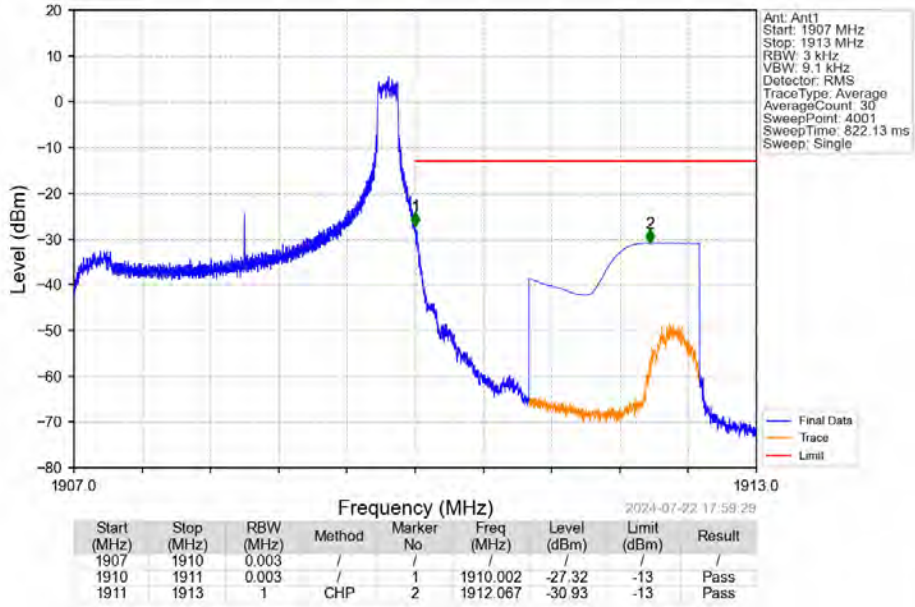
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



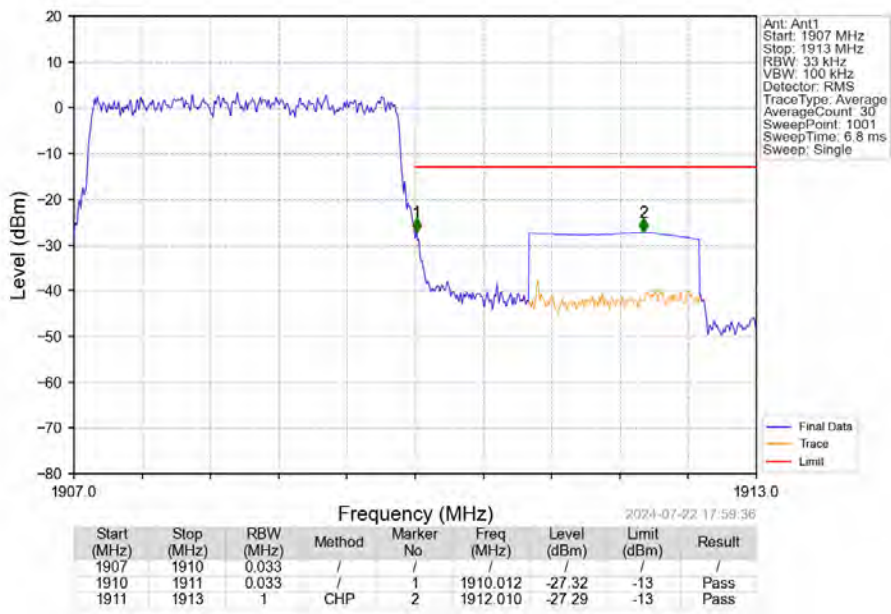
Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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

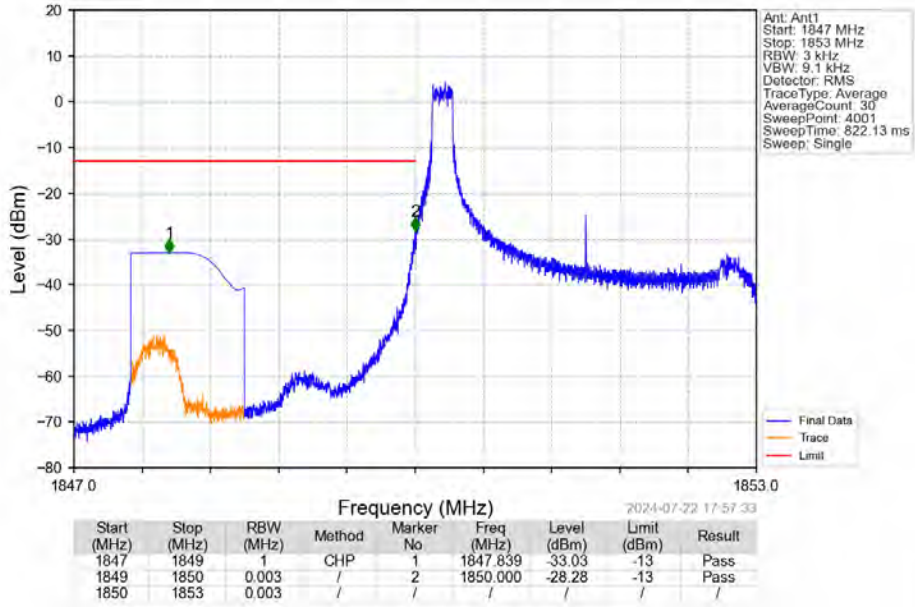


Band2\_3MHz\_QPSK\_HCH\_1908.5MHz\_RB\_15\_0\_NTNV

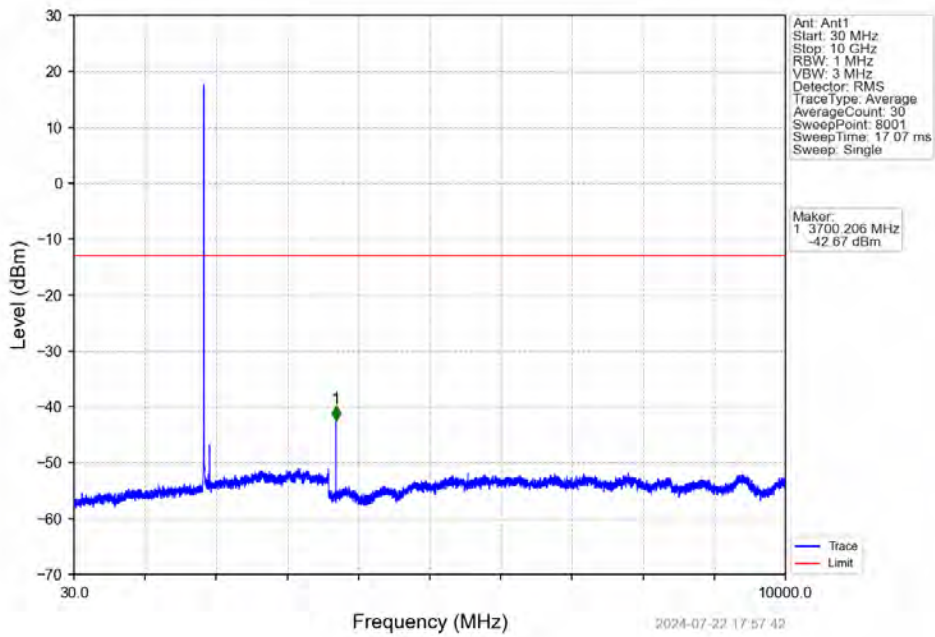




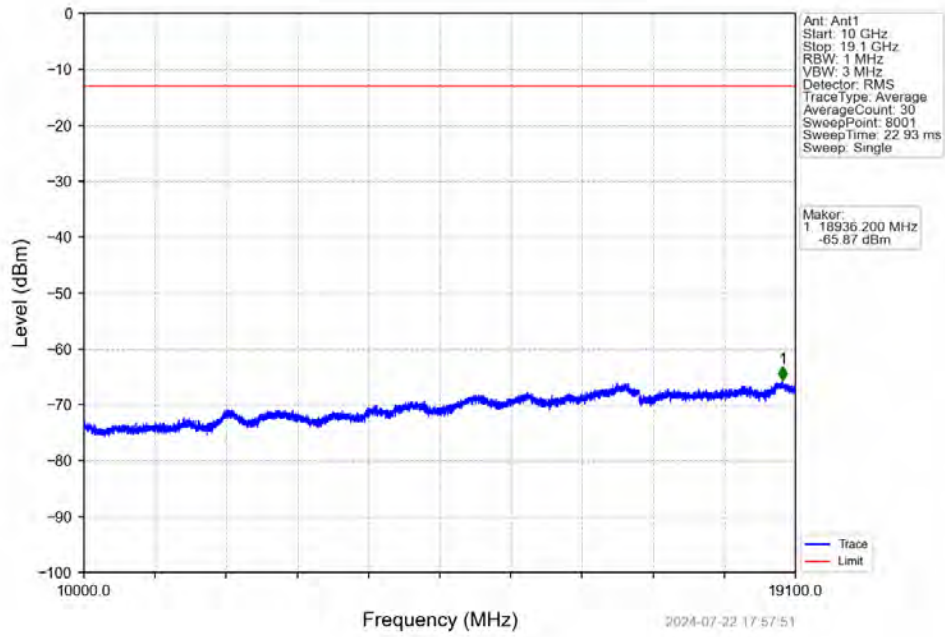
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



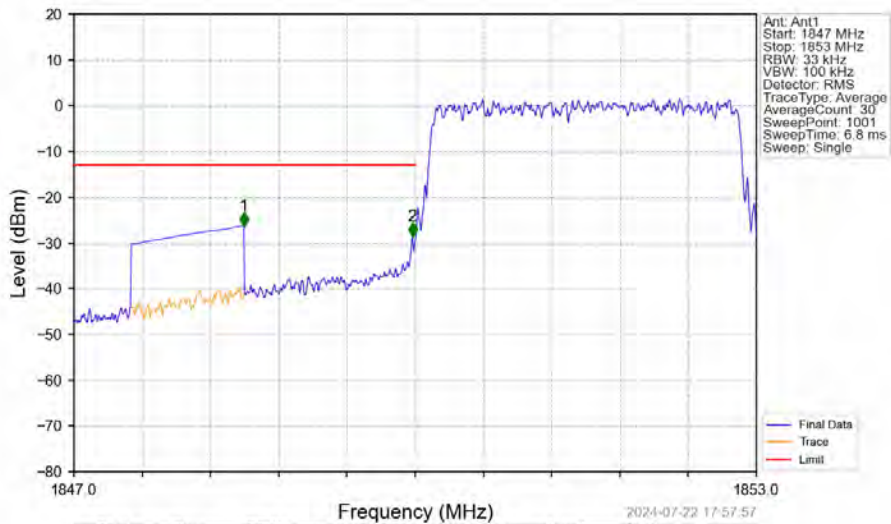
Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_1\_0\_NTNV



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

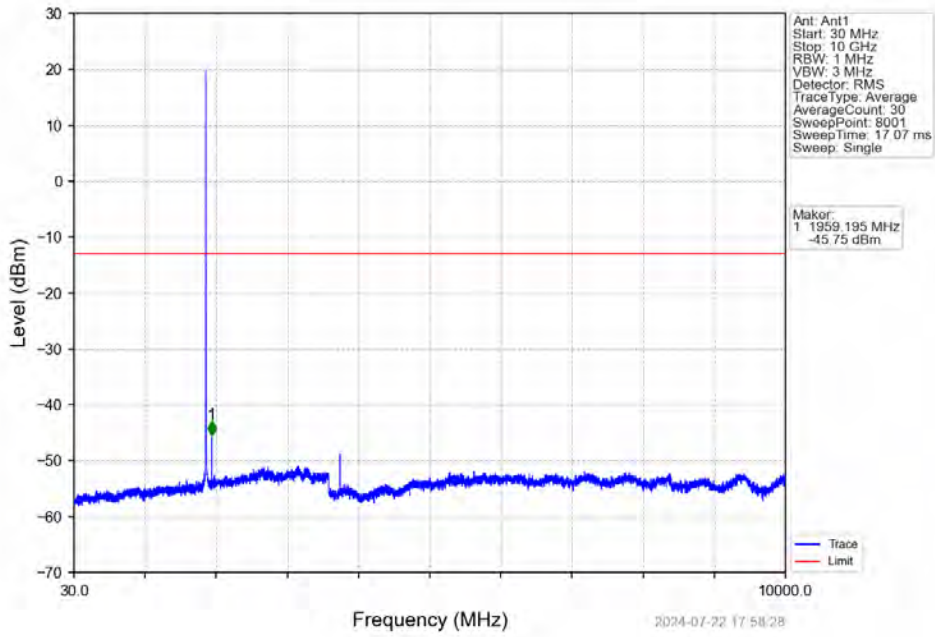


Band2\_3MHz\_16QAM\_LCH\_1851.5MHz\_RB\_15\_0\_NTNV

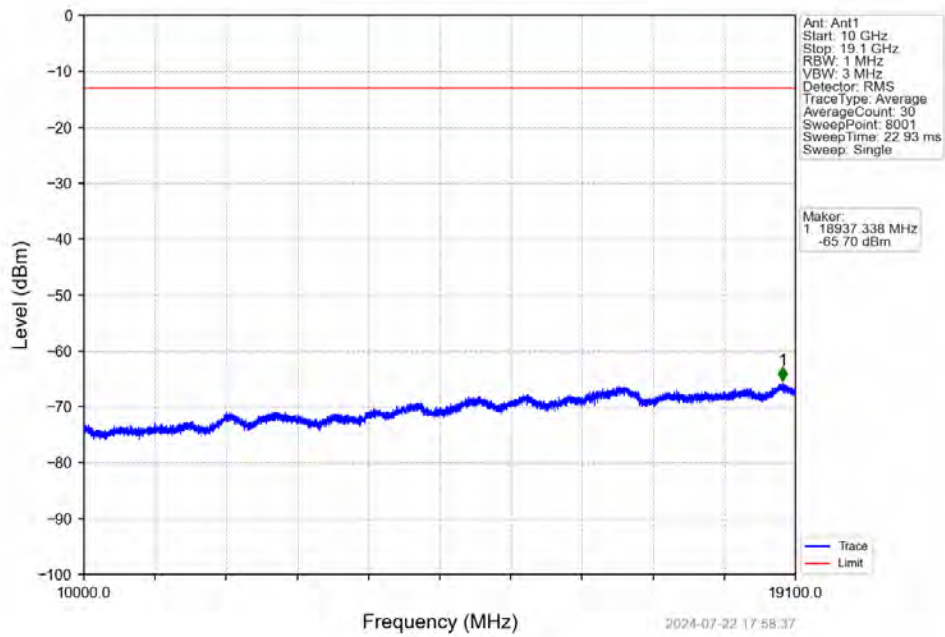


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-26.30	-13	Pass
1849	1850	0.033	/	2	1849.976	-28.59	-13	Pass
1850	1853	0.033	/	/	/	/	/	/

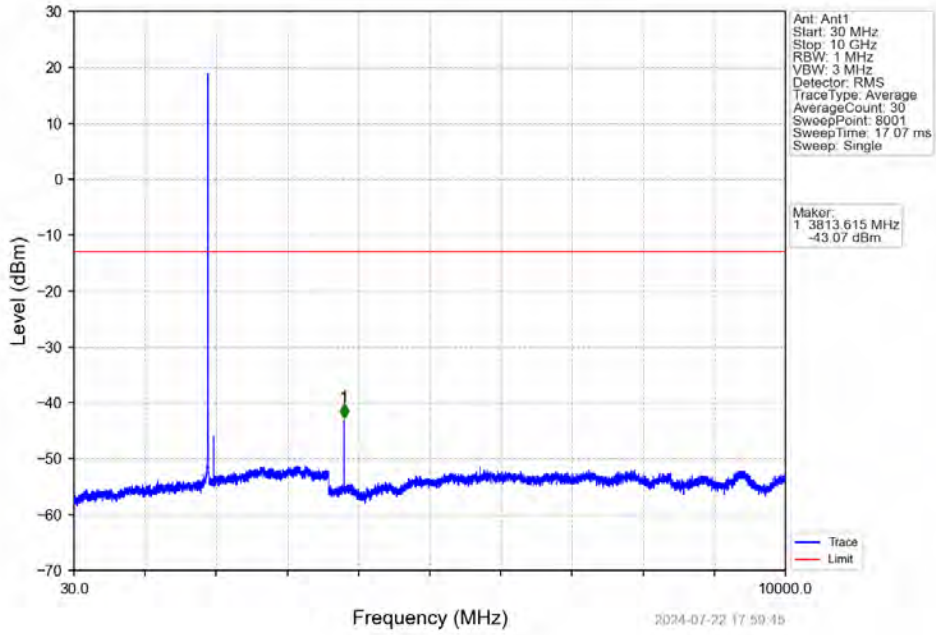
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



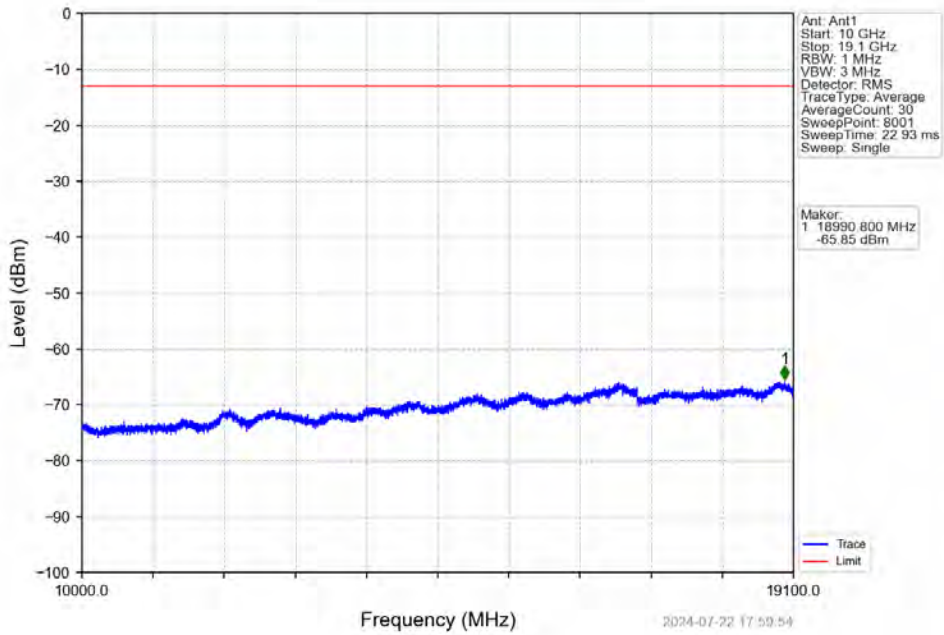
Band2\_3MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



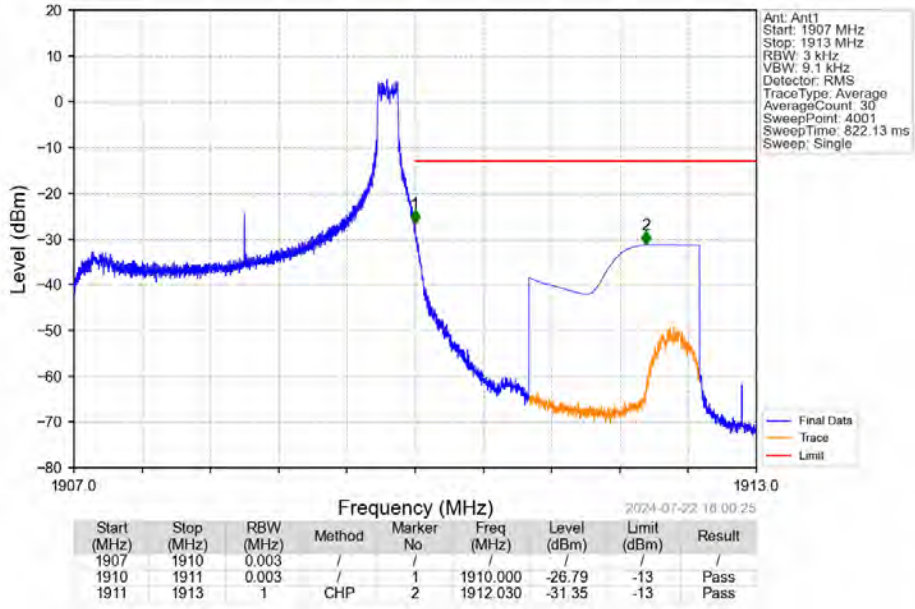
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



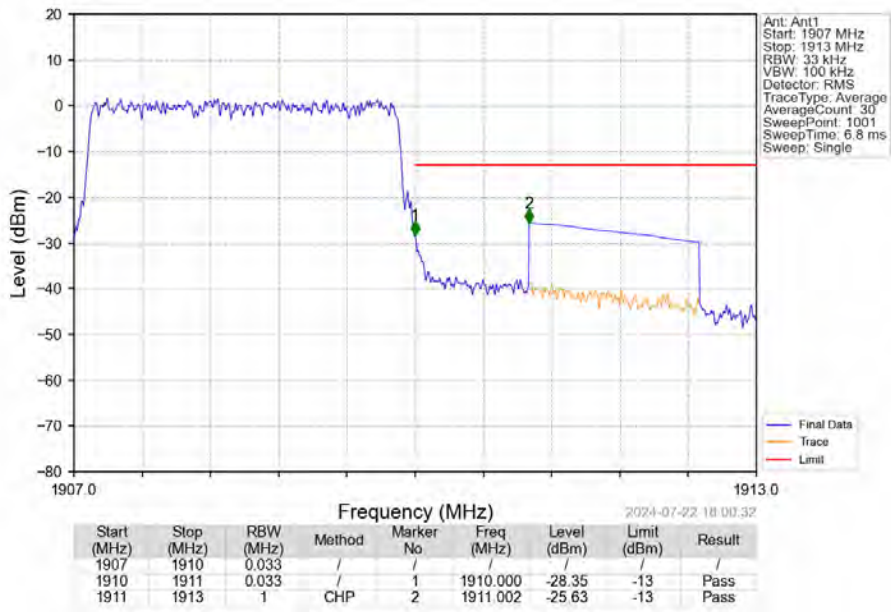
Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_1\_0\_NTNV



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

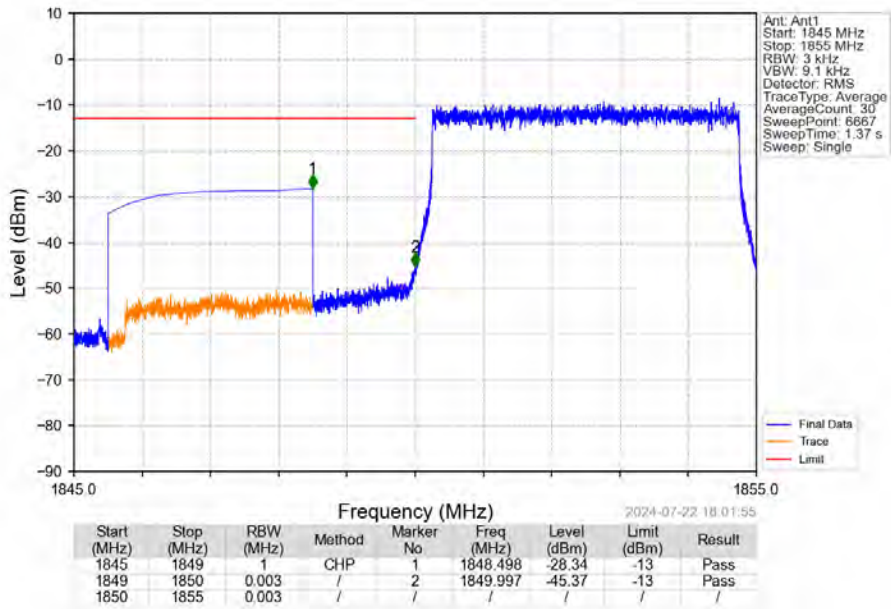


Band2\_3MHz\_16QAM\_HCH\_1908.5MHz\_RB\_15\_0\_NTV

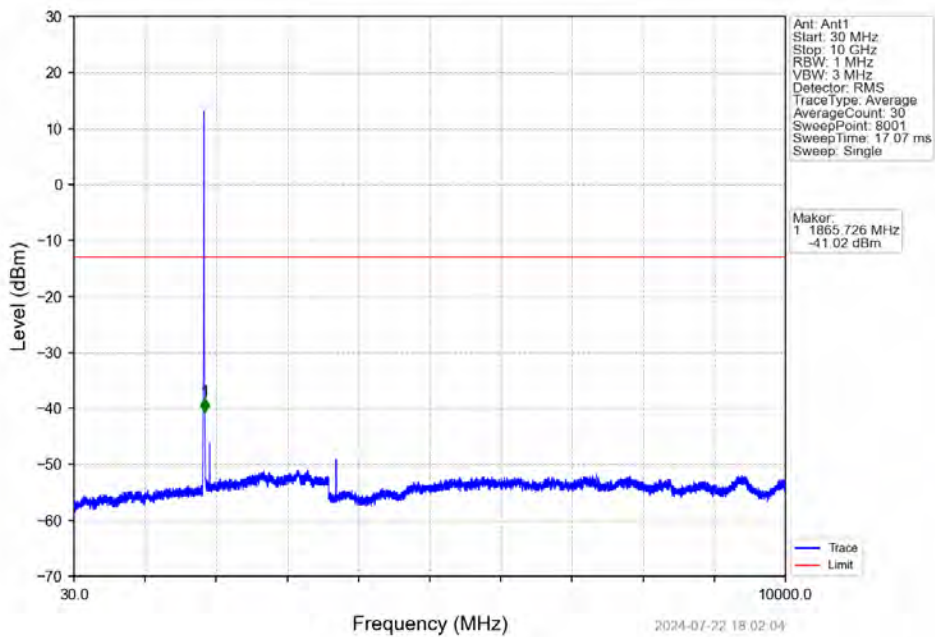


### 6.2.3 B2\_5MHz

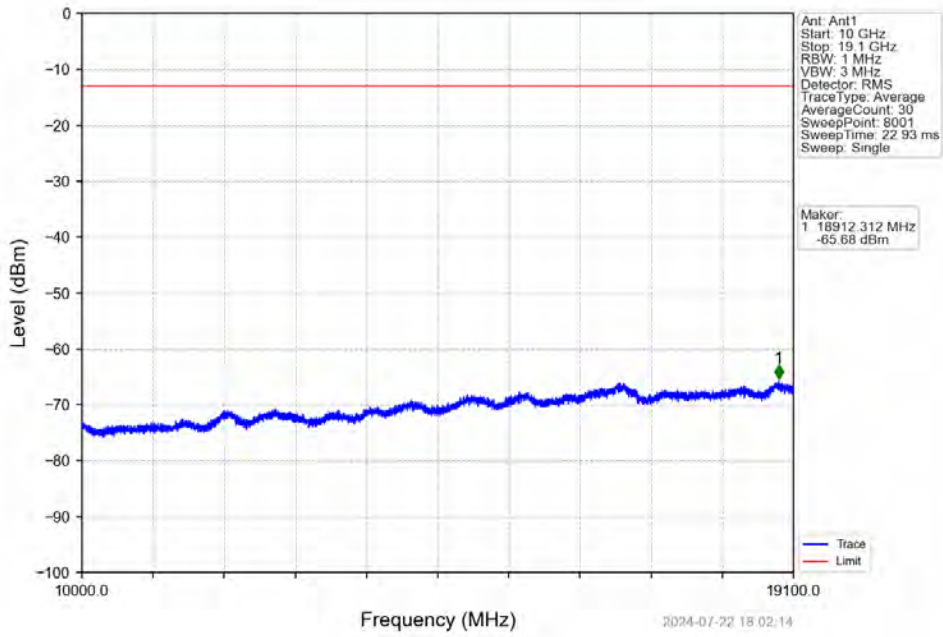
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



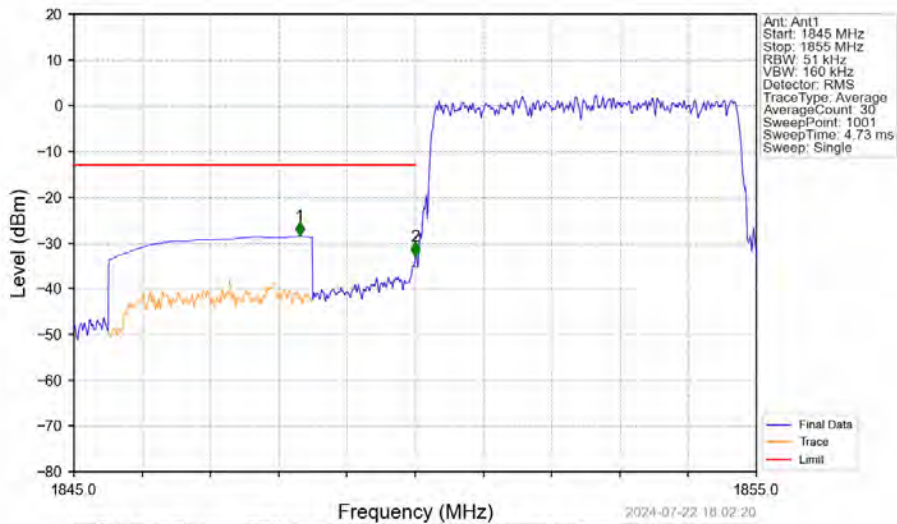
Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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

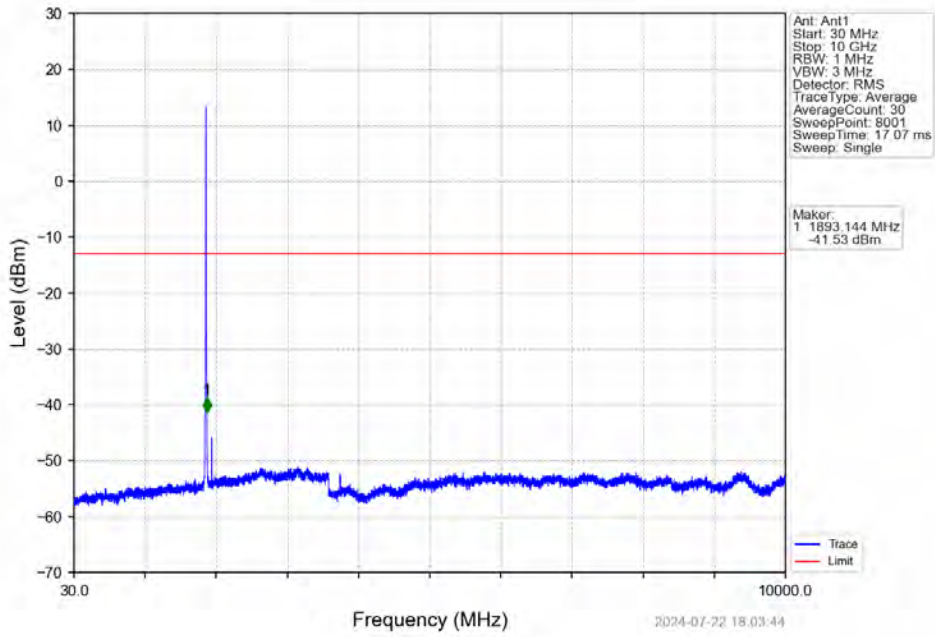


Band2\_5MHz\_QPSK\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

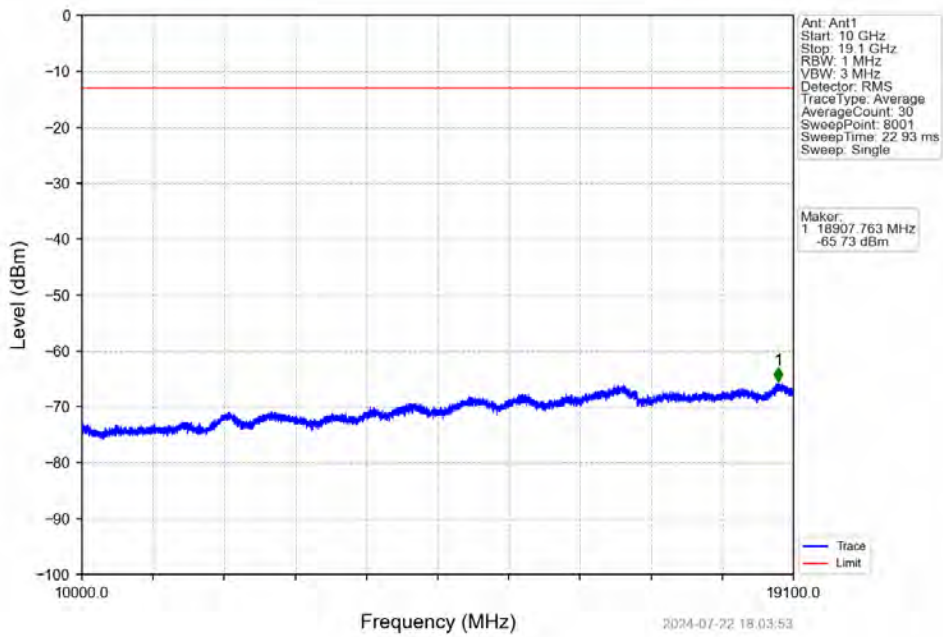


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.310	-28.53	-13	Pass
1849	1850	0.051	/	2	1850.000	-32.86	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

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

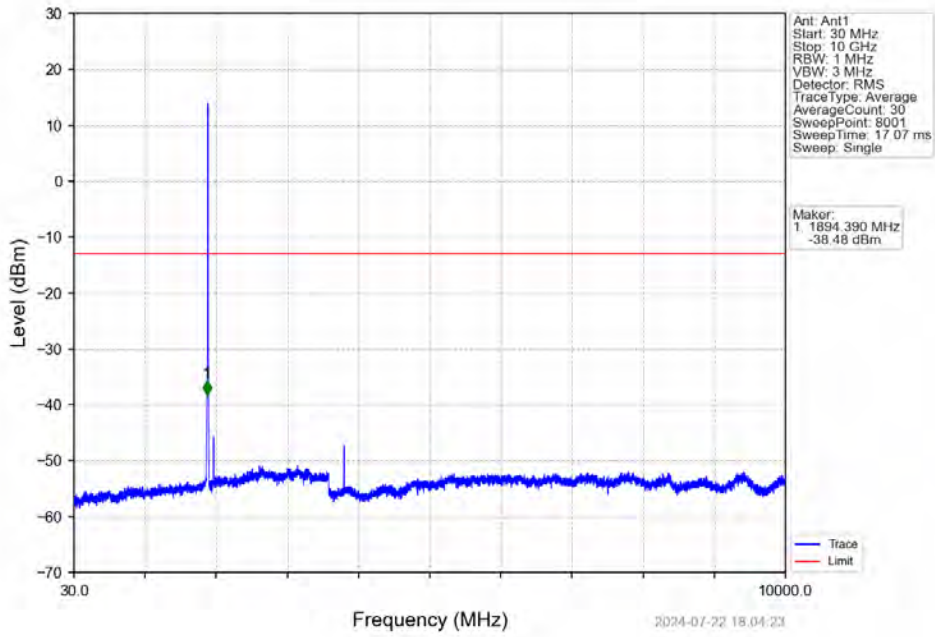


Band2\_5MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV

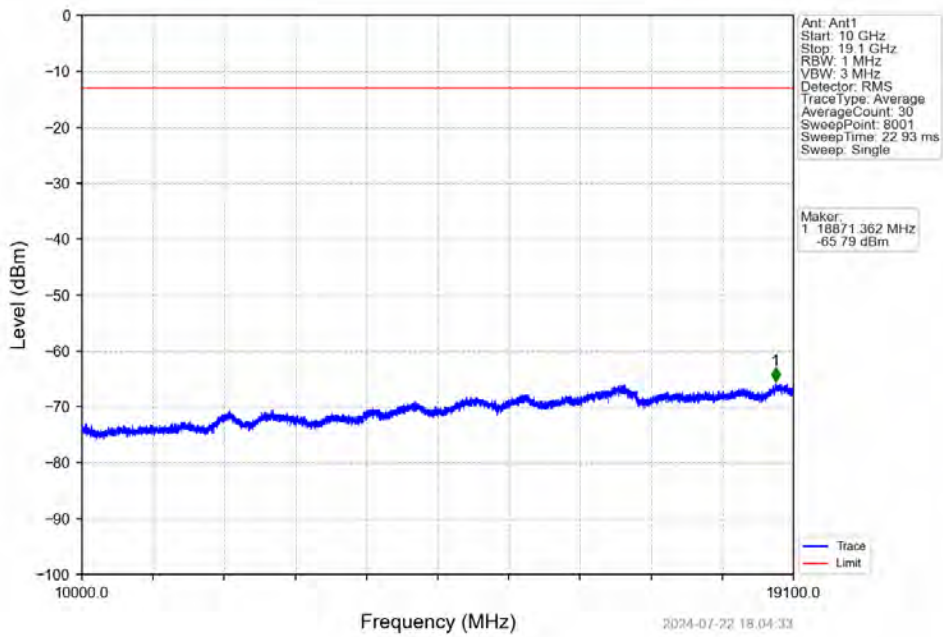




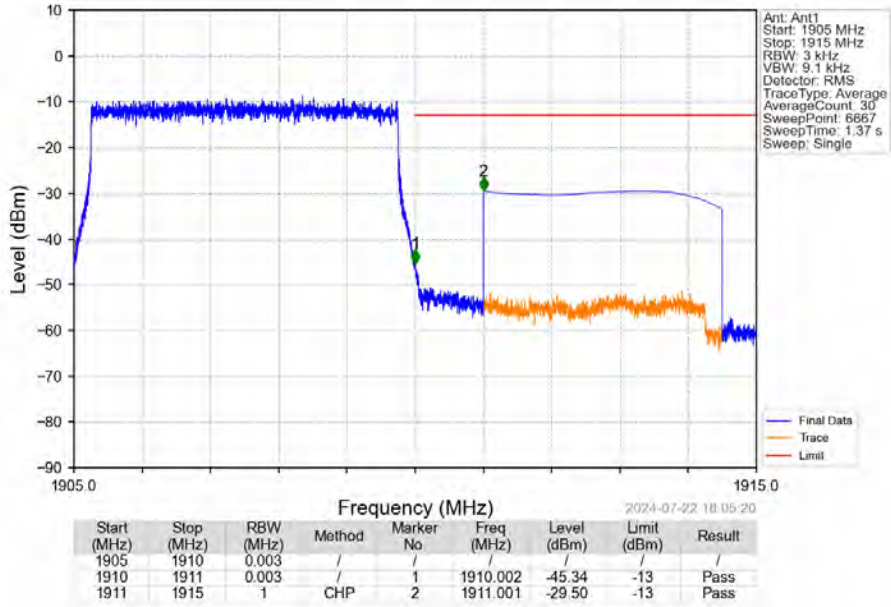
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



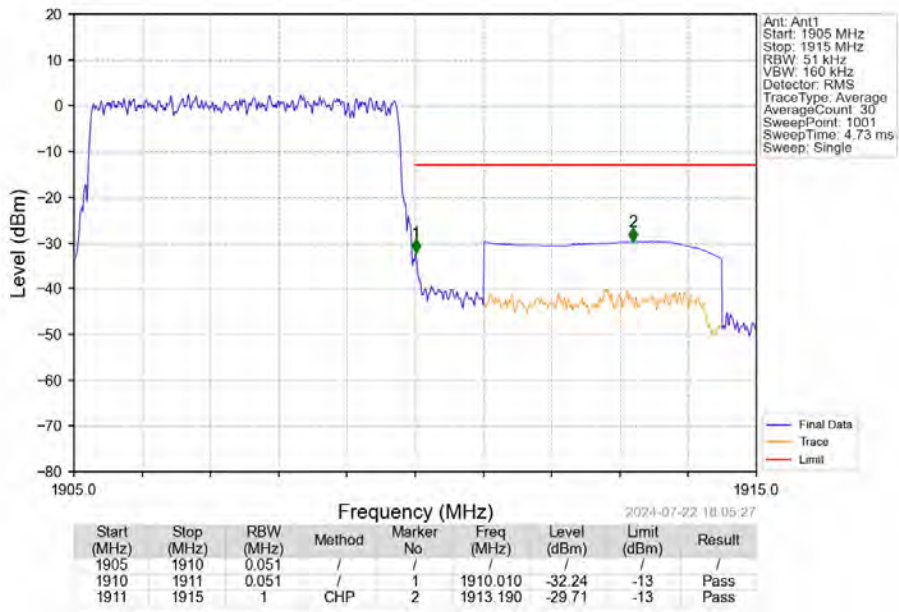
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



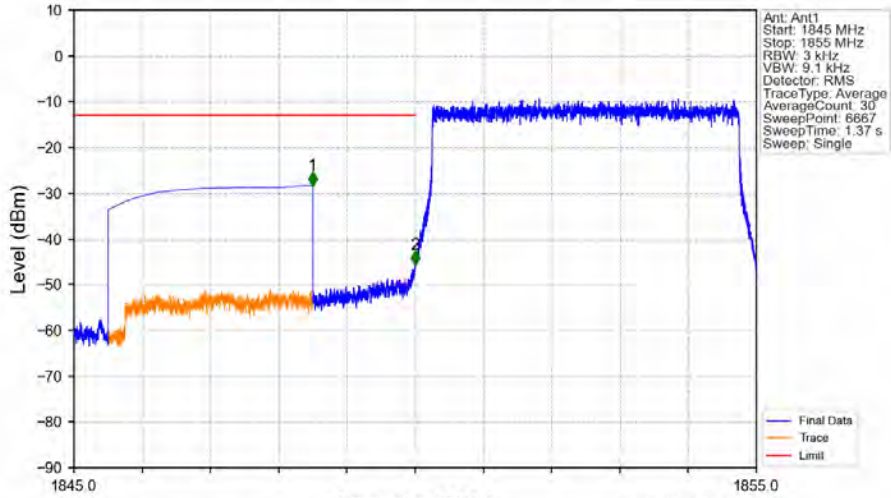
Band2\_5MHz\_QPSK\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



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

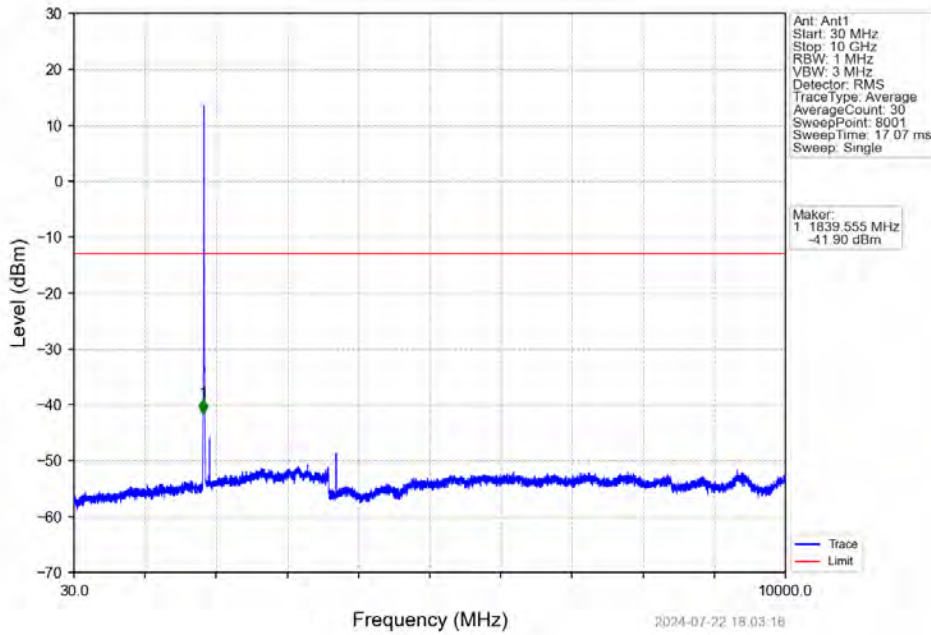


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV

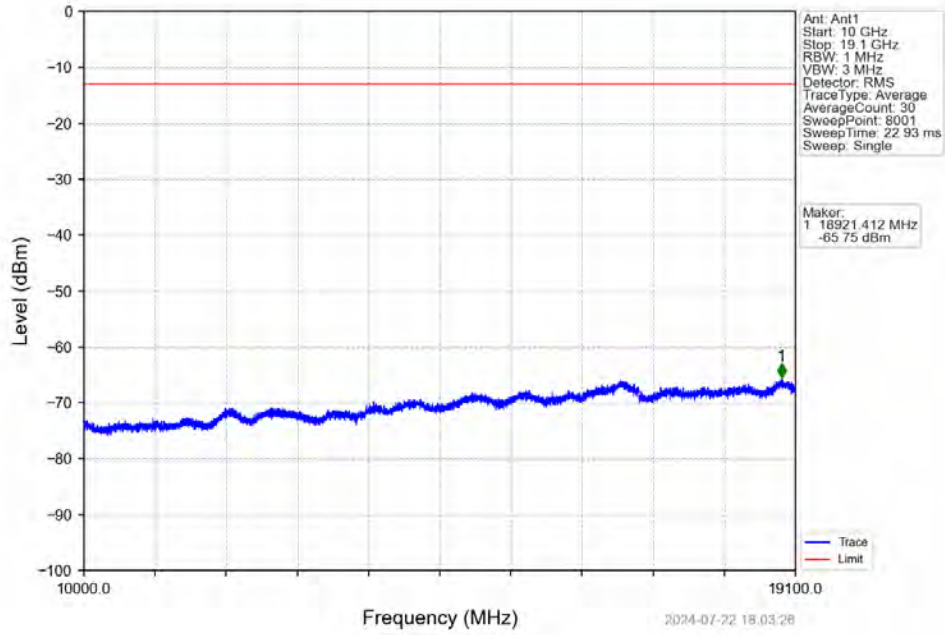


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.494	-28.38	-13	Pass
1849	1850	0.003	/	2	1849.997	-45.67	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

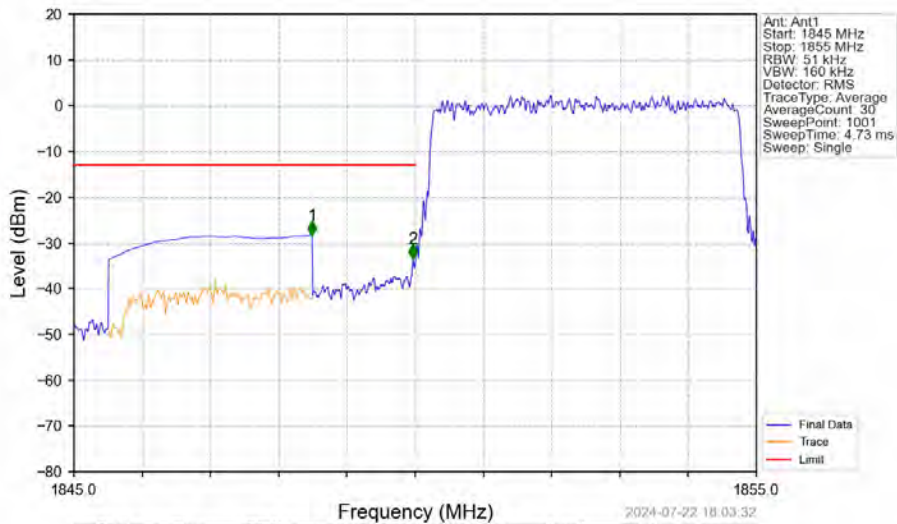
Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_1\_0\_NTNV



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

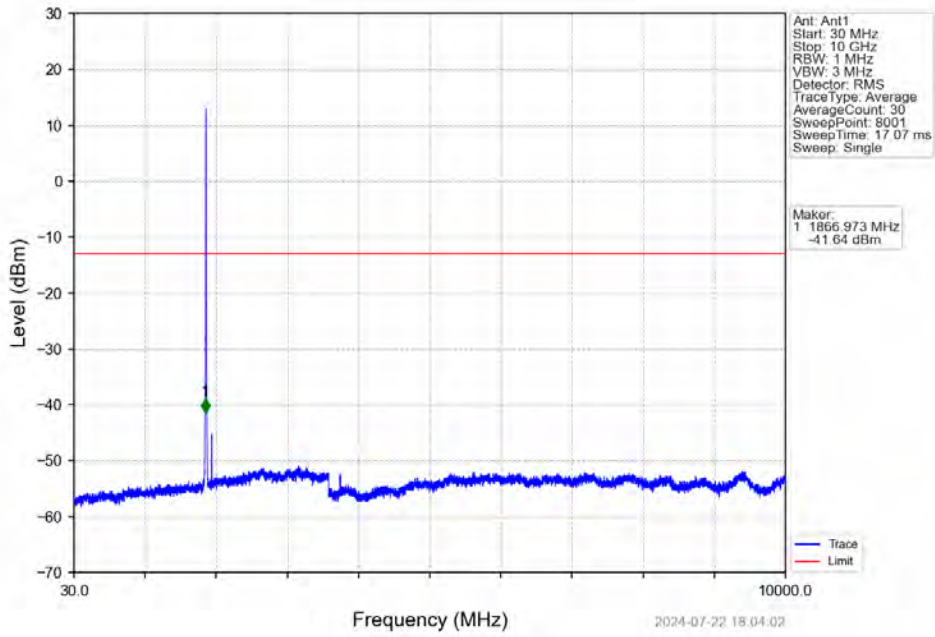


Band2\_5MHz\_16QAM\_LCH\_1852.5MHz\_RB\_25\_0\_NTNV

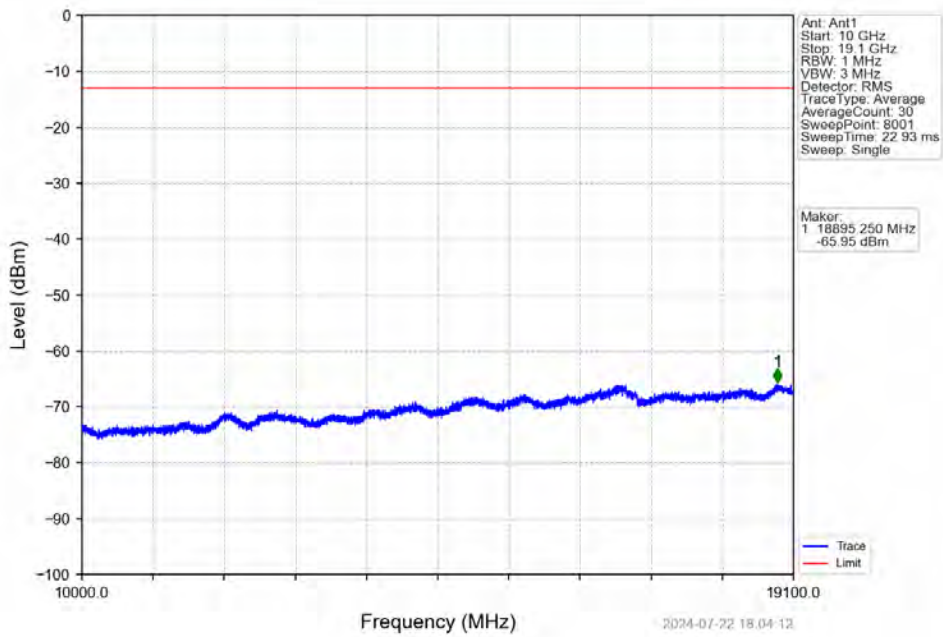


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-28.28	-13	Pass
1849	1850	0.051	/	2	1849.970	-33.42	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

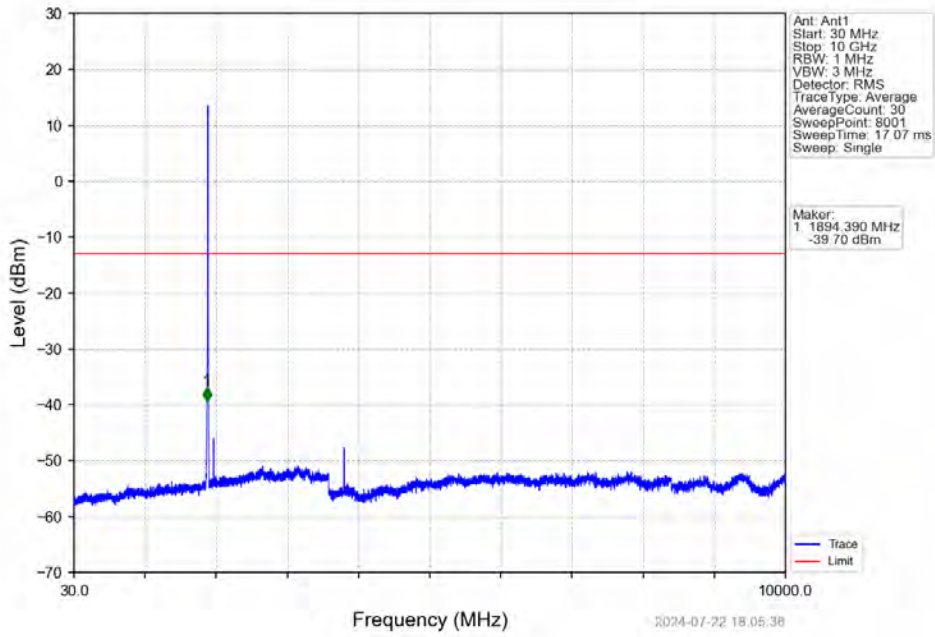
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



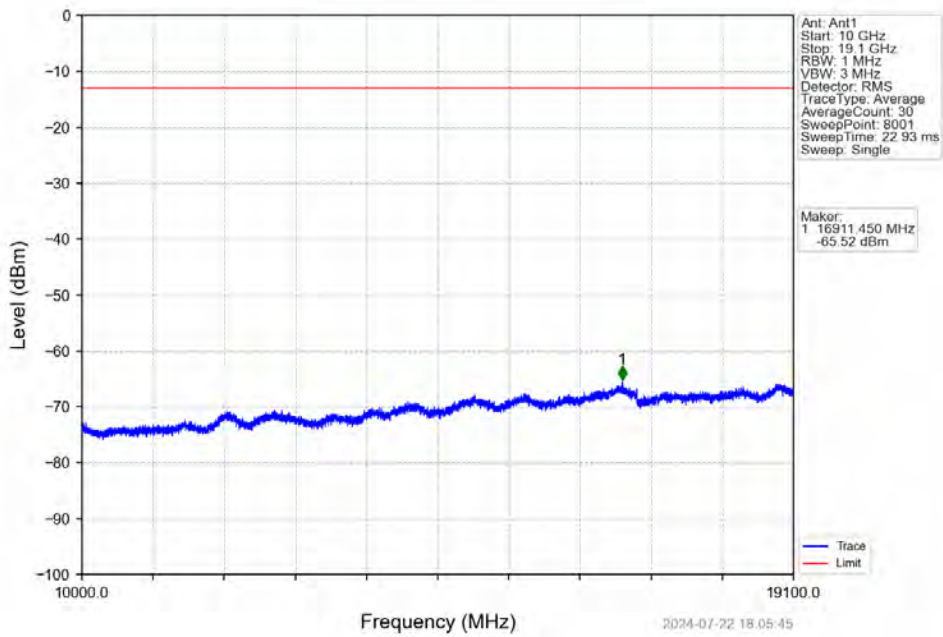
Band2\_5MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



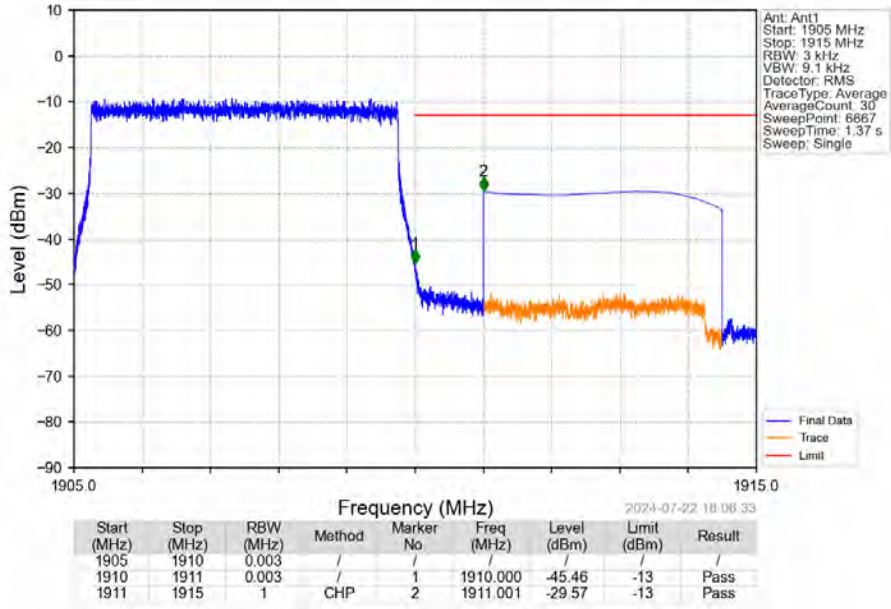
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



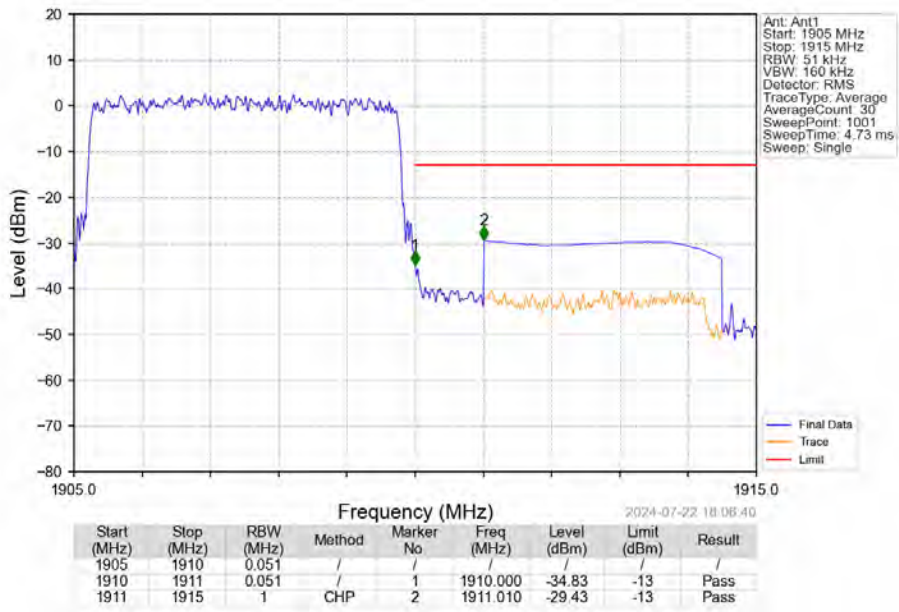
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_0\_NTNV



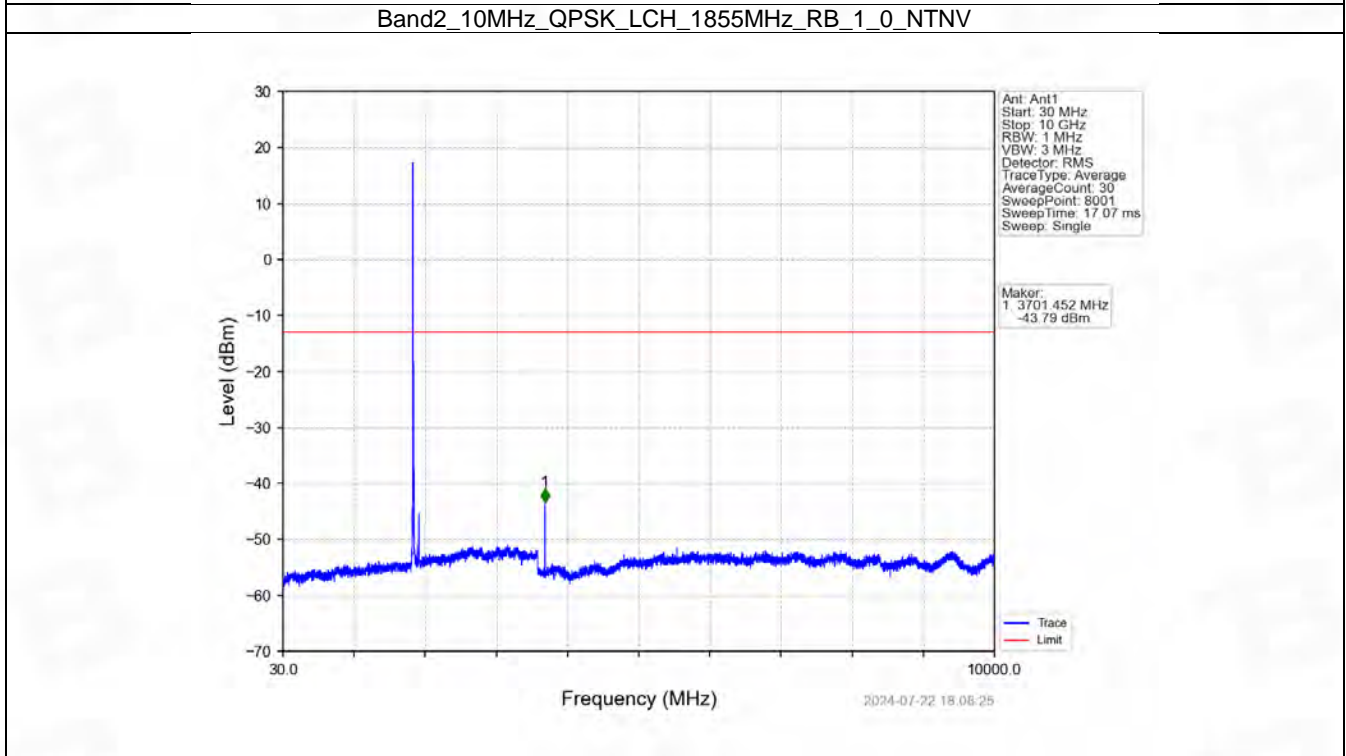
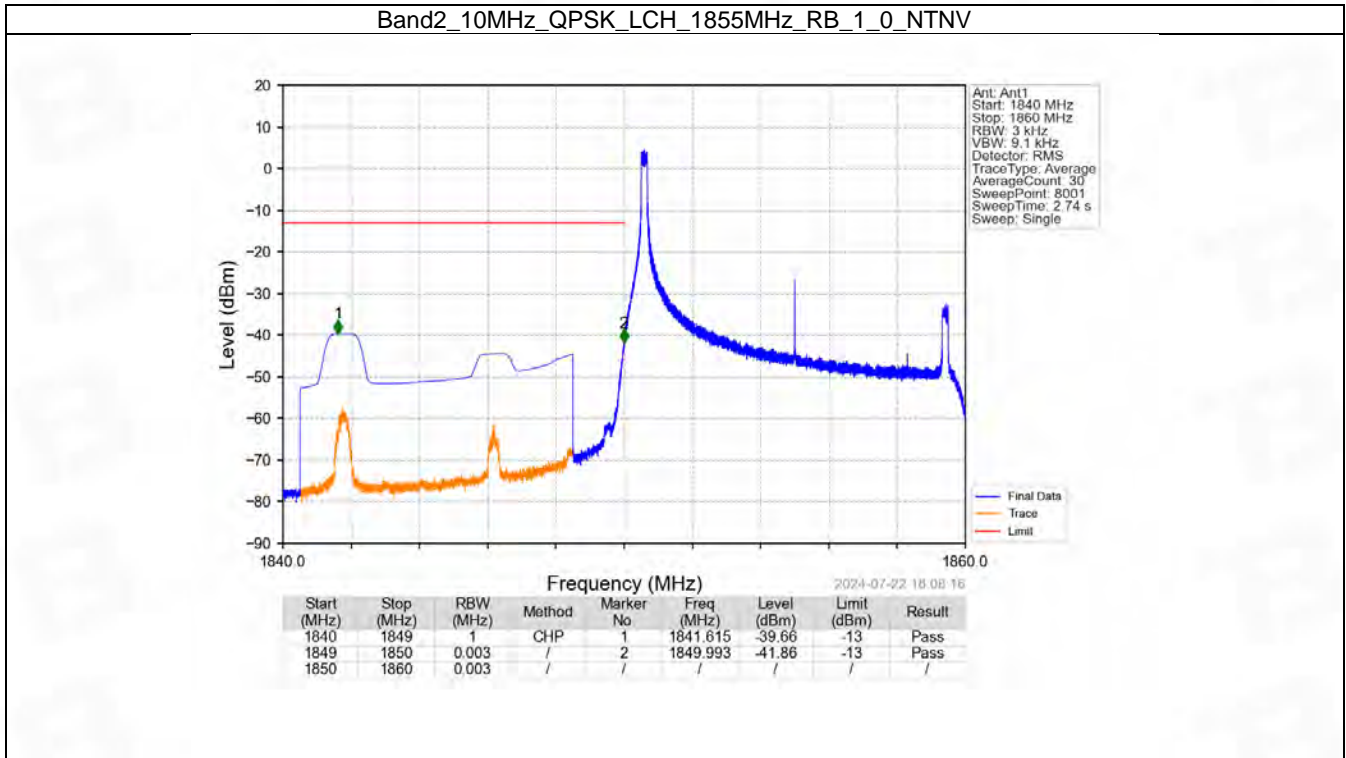
Band2\_5MHz\_16QAM\_HCH\_1907.5MHz\_RB\_1\_24\_NTNV



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

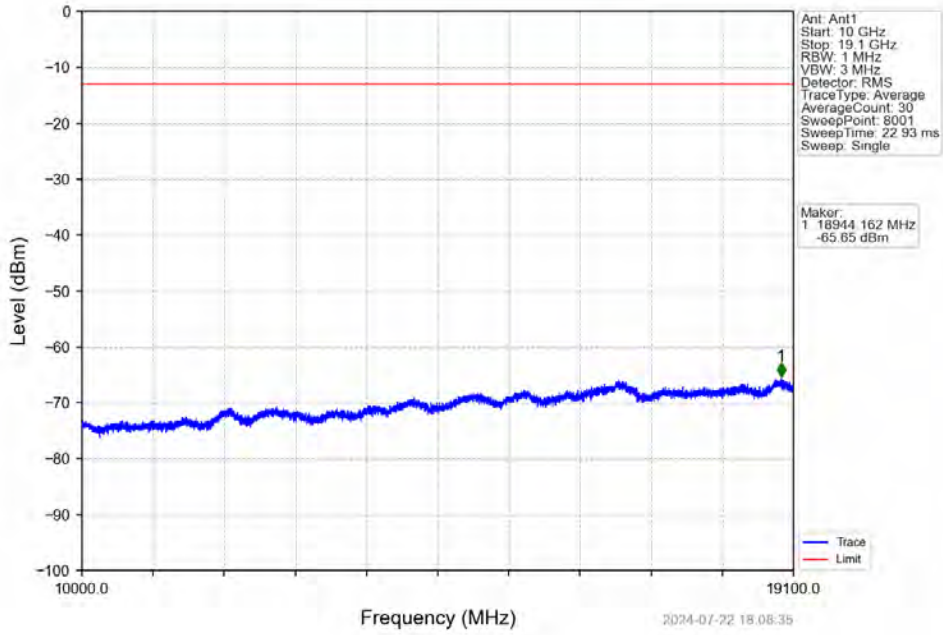


### 6.2.4 B2\_10MHz

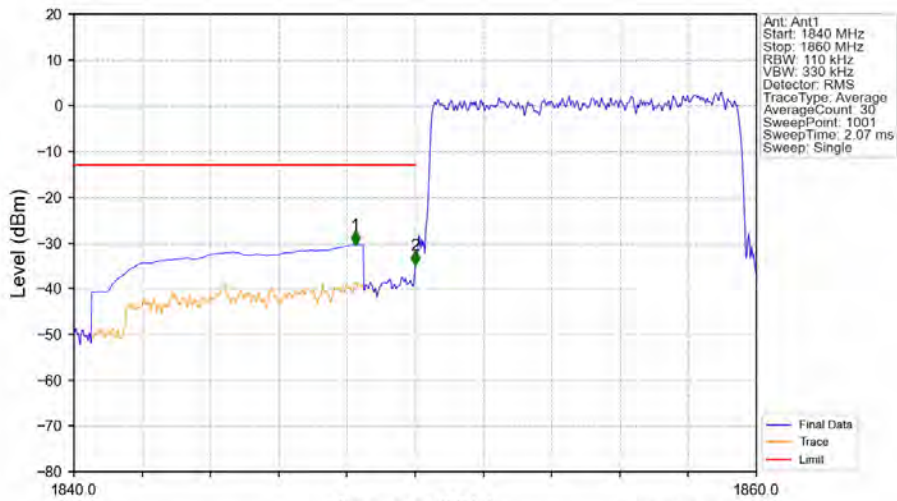




Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_1\_0\_NTNV

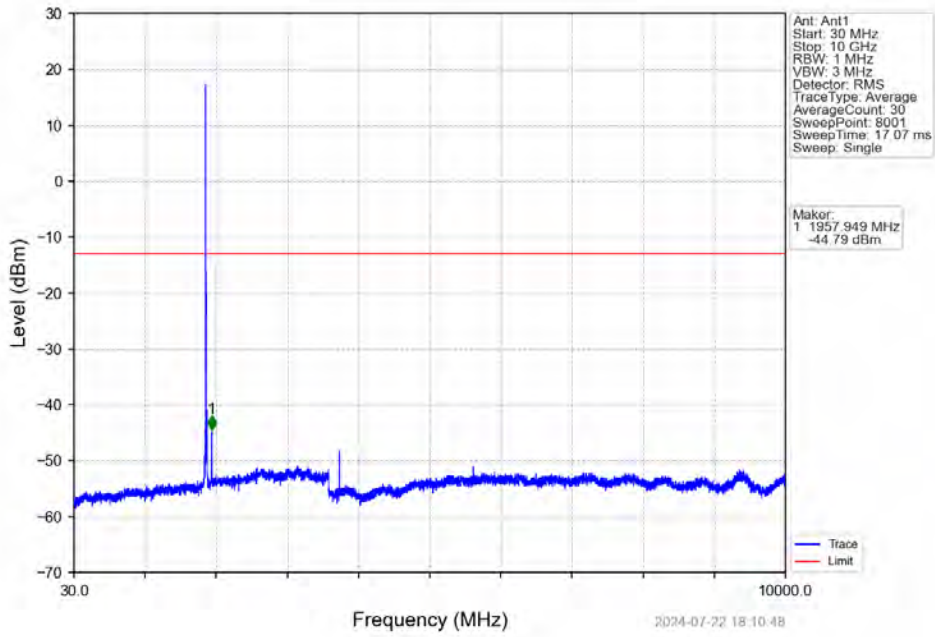


Band2\_10MHz\_QPSK\_LCH\_1855MHz\_RB\_50\_0\_NTNV

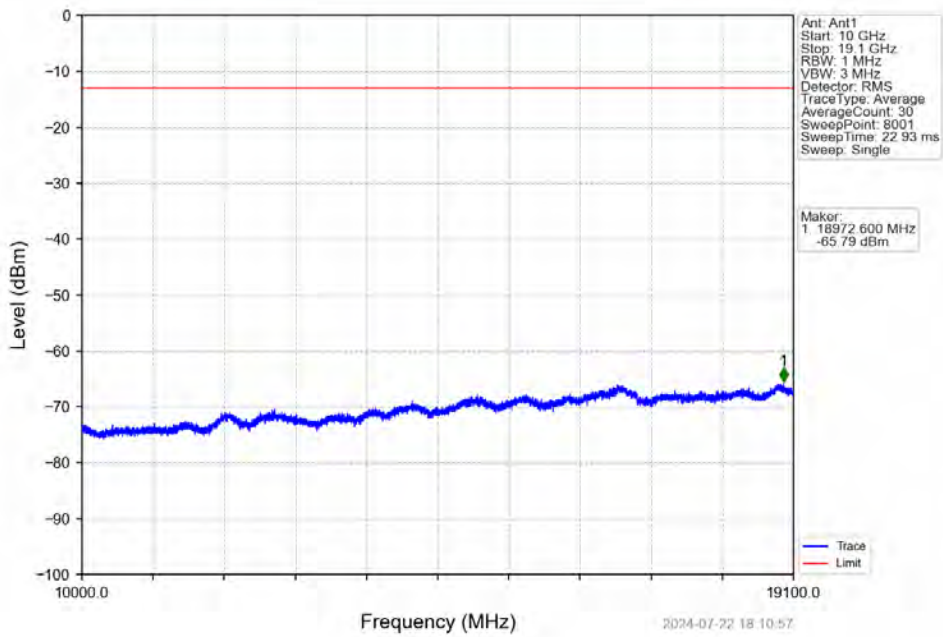


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.240	-30.41	-13	Pass
1849	1850	0.11	/	2	1850.000	-34.90	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

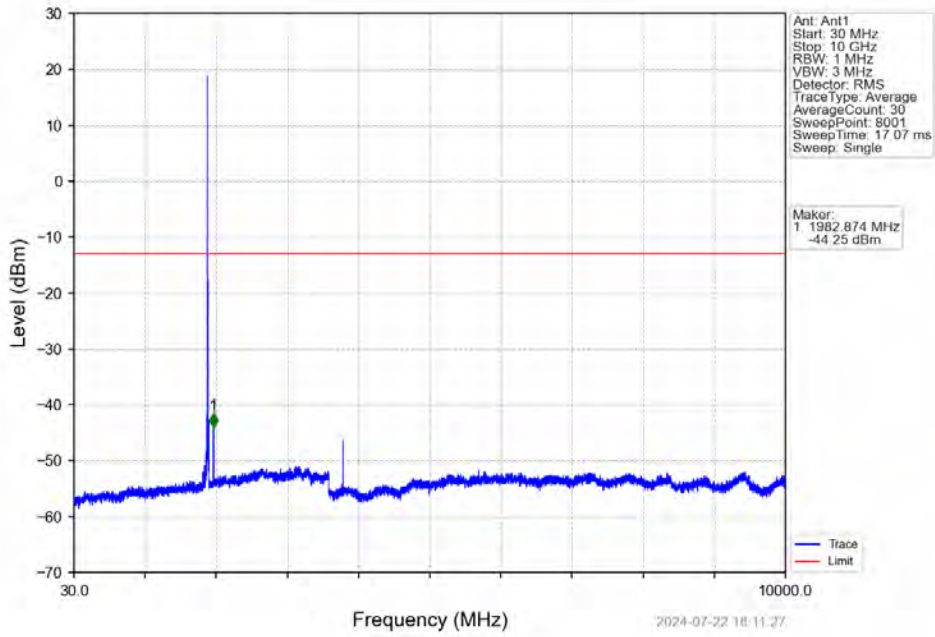
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



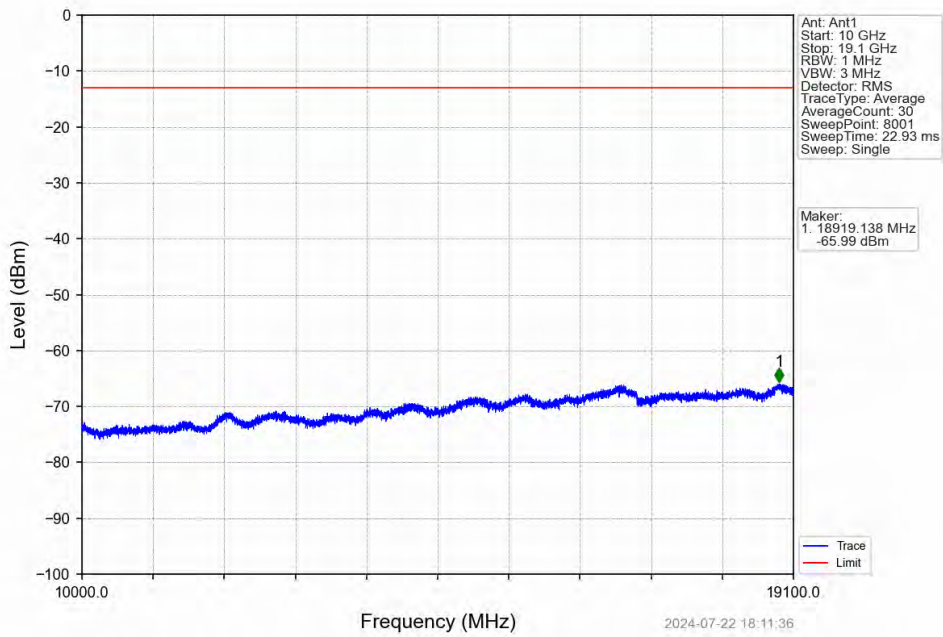
Band2\_10MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



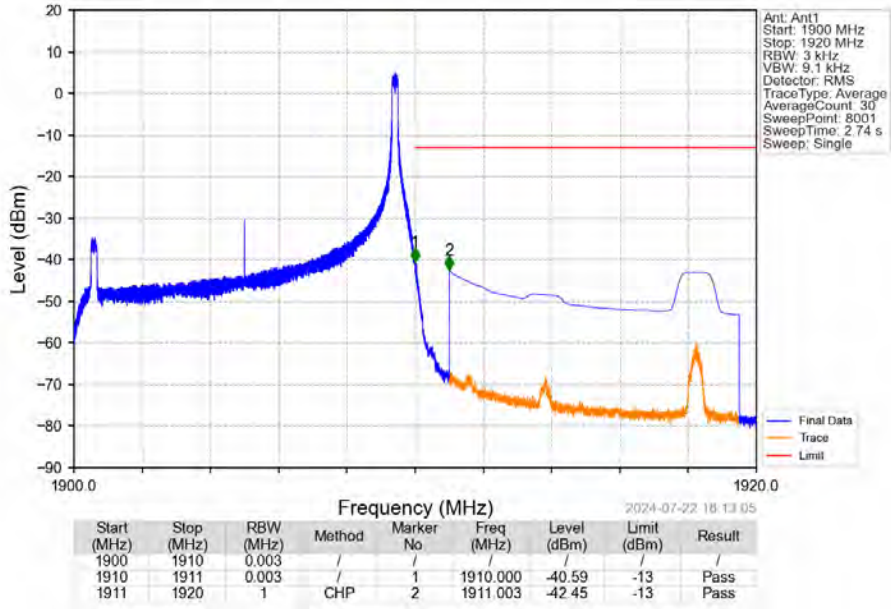
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



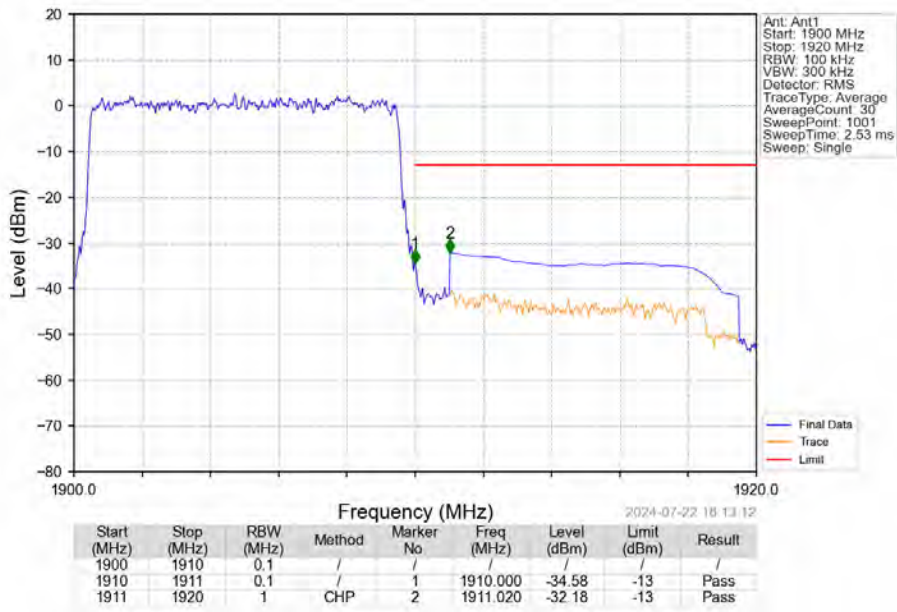
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_0\_NTNV



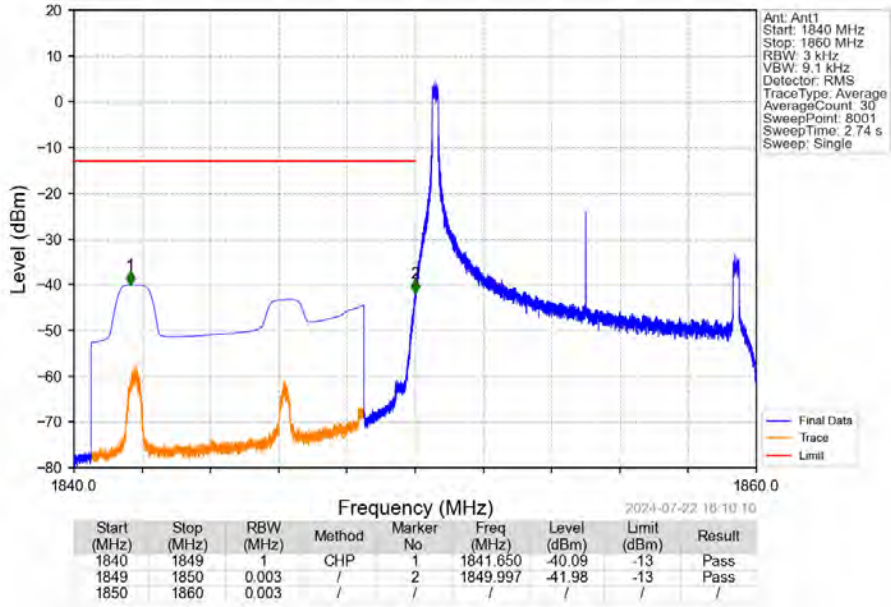
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_1\_49\_NTNV



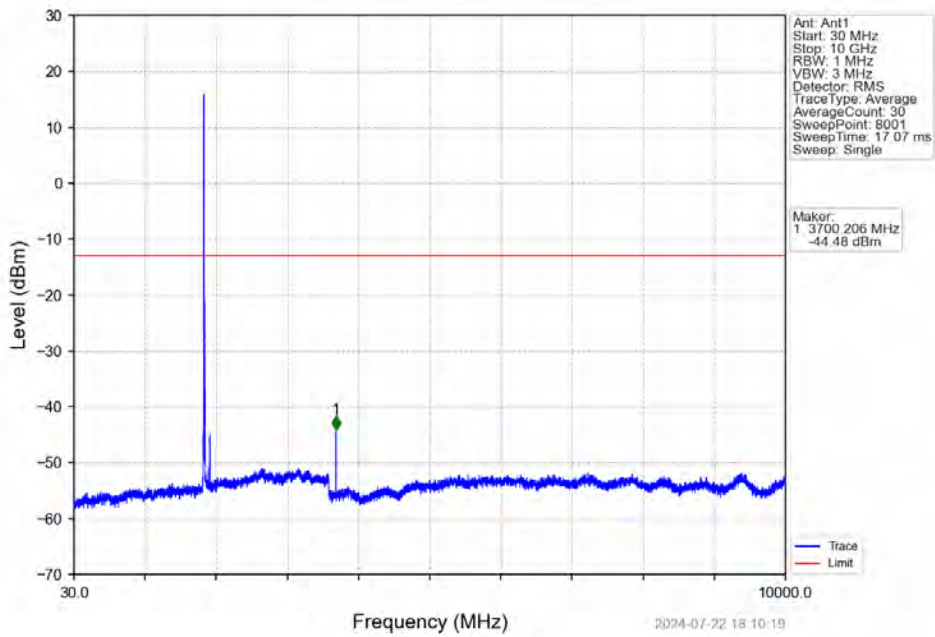
Band2\_10MHz\_QPSK\_HCH\_1905MHz\_RB\_50\_0\_NTNV



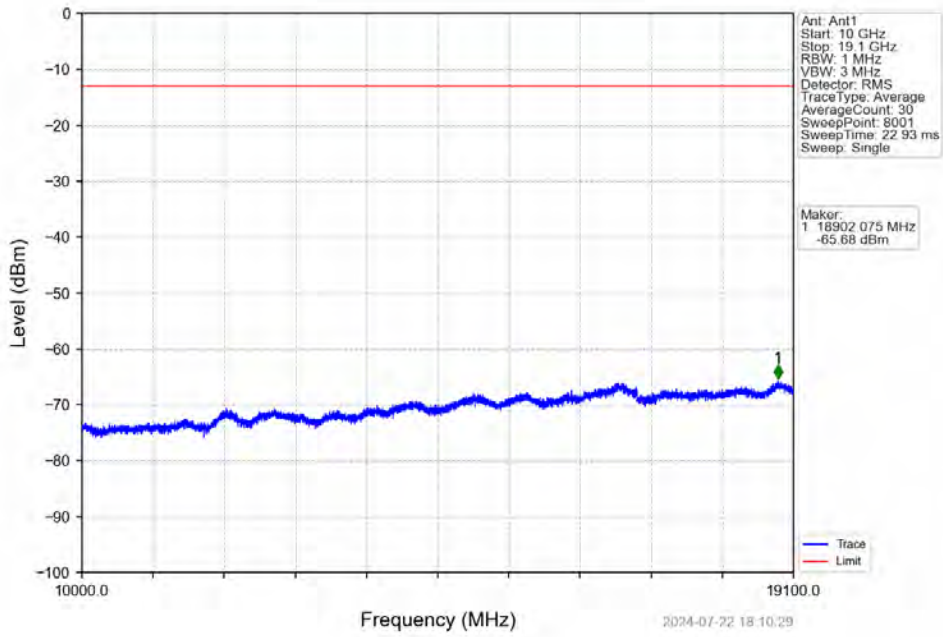
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



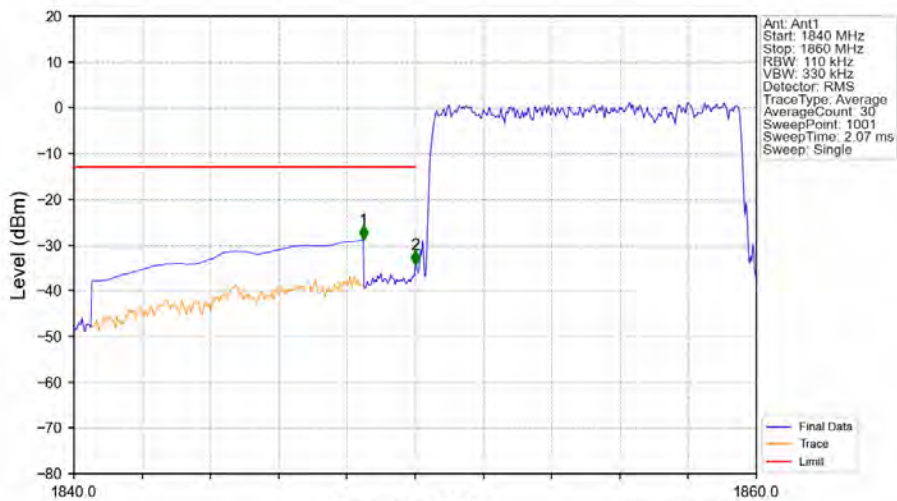
Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_1\_0\_NTNV



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

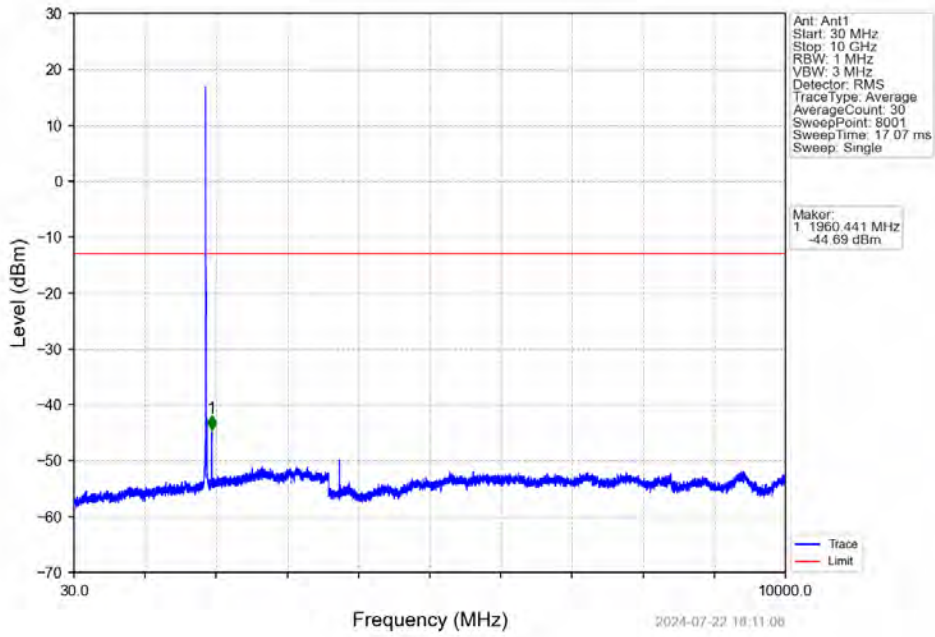


Band2\_10MHz\_16QAM\_LCH\_1855MHz\_RB\_50\_0\_NTNV

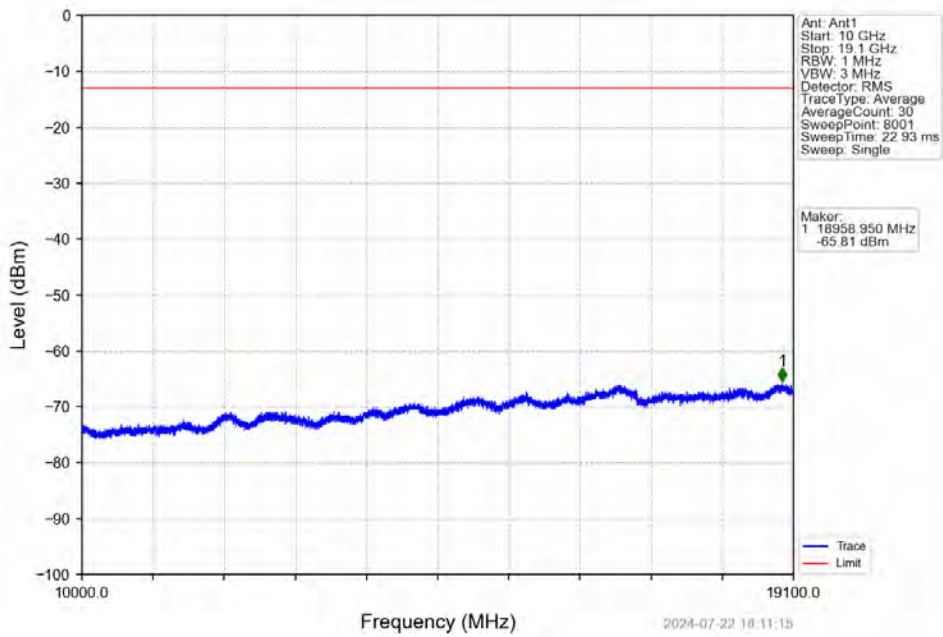


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-28.86	-13	Pass
1849	1850	0.11	/	2	1850.000	-34.37	-13	Pass
1850	1860	0.11	/	/	/	/	/	/

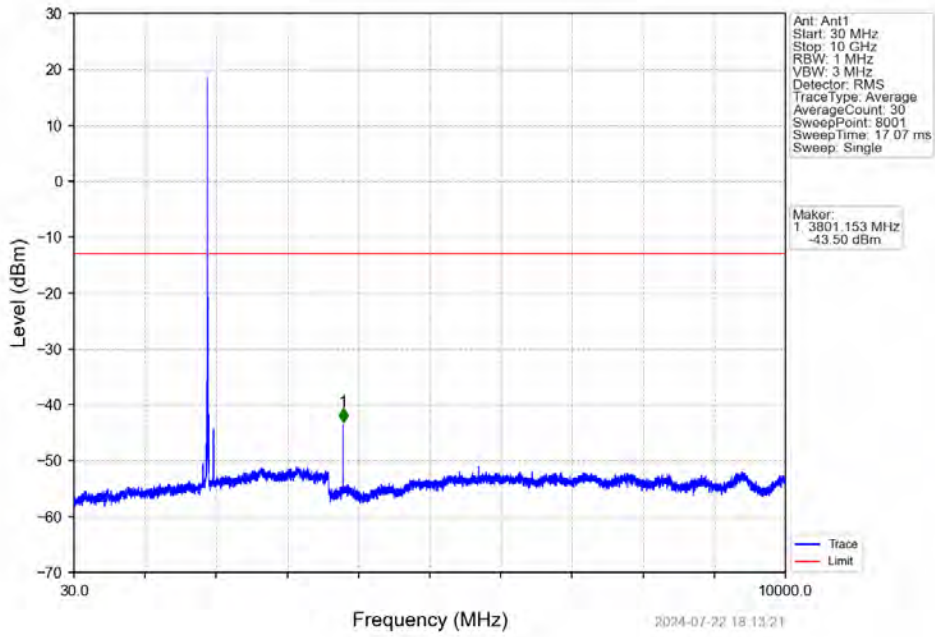
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



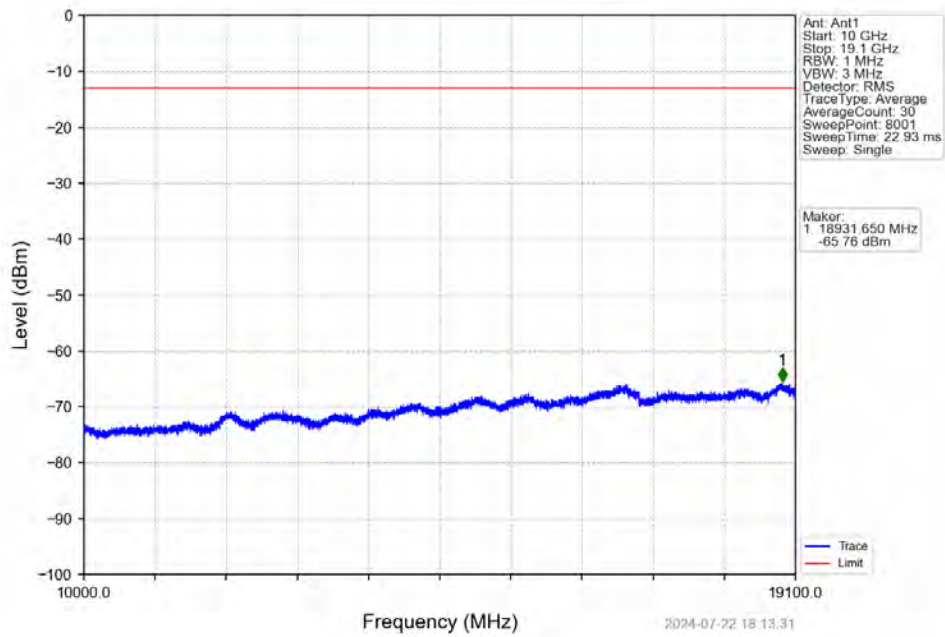
Band2\_10MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



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

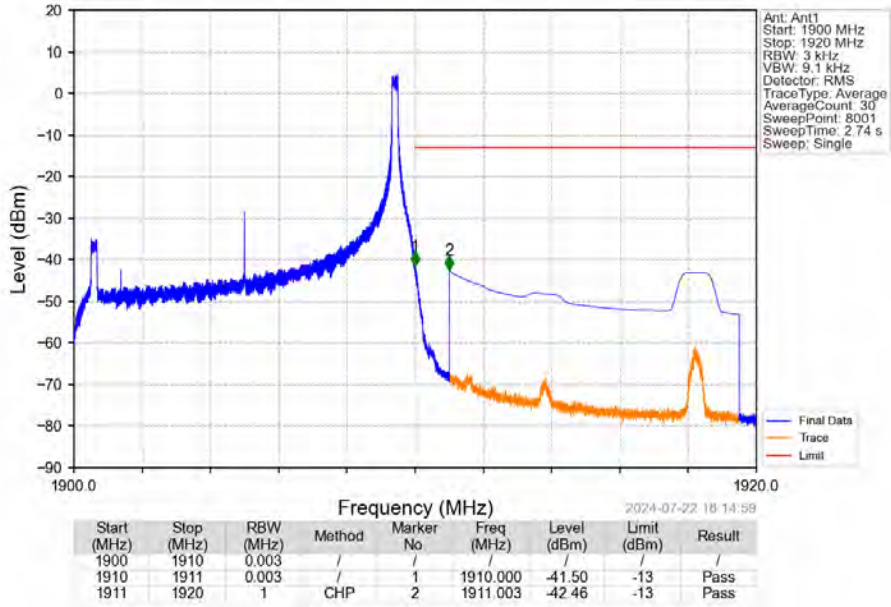


Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_0\_NTNV

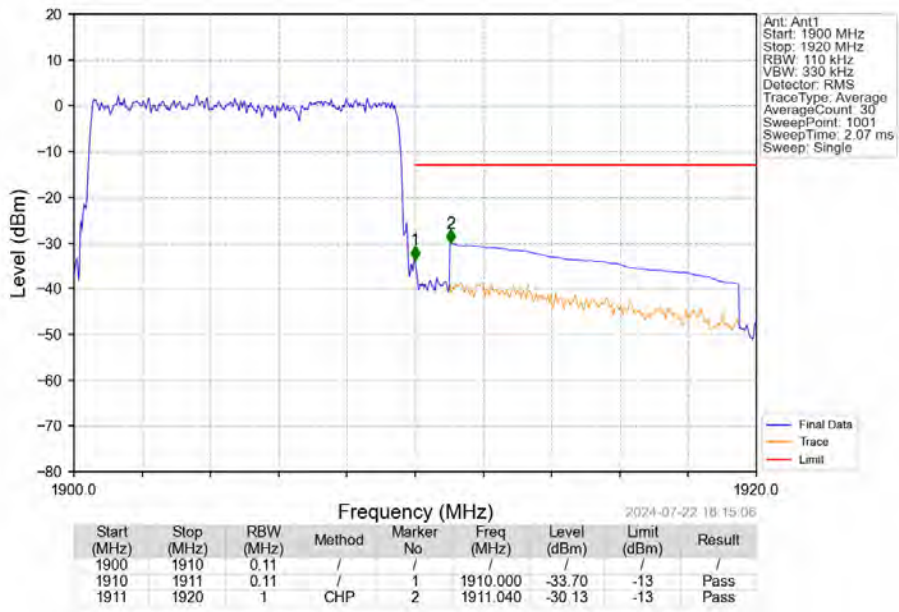




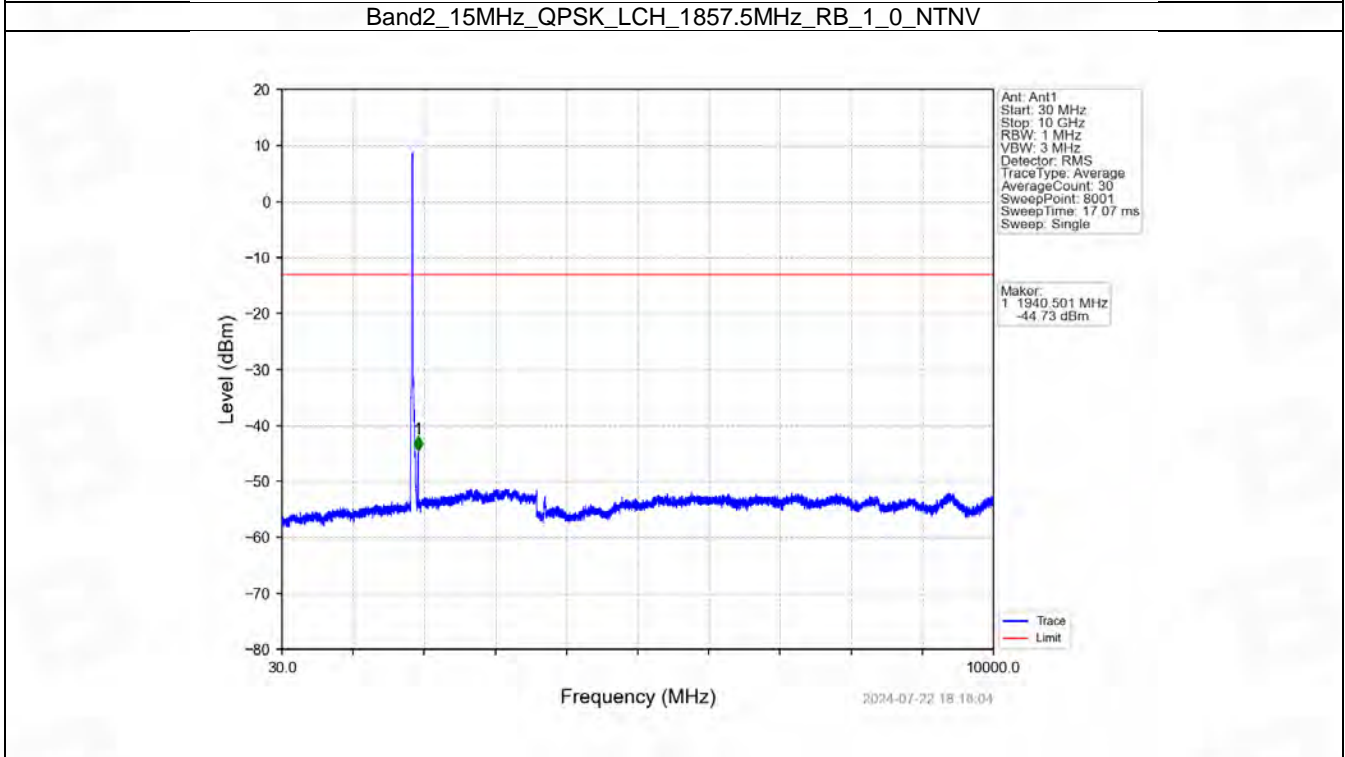
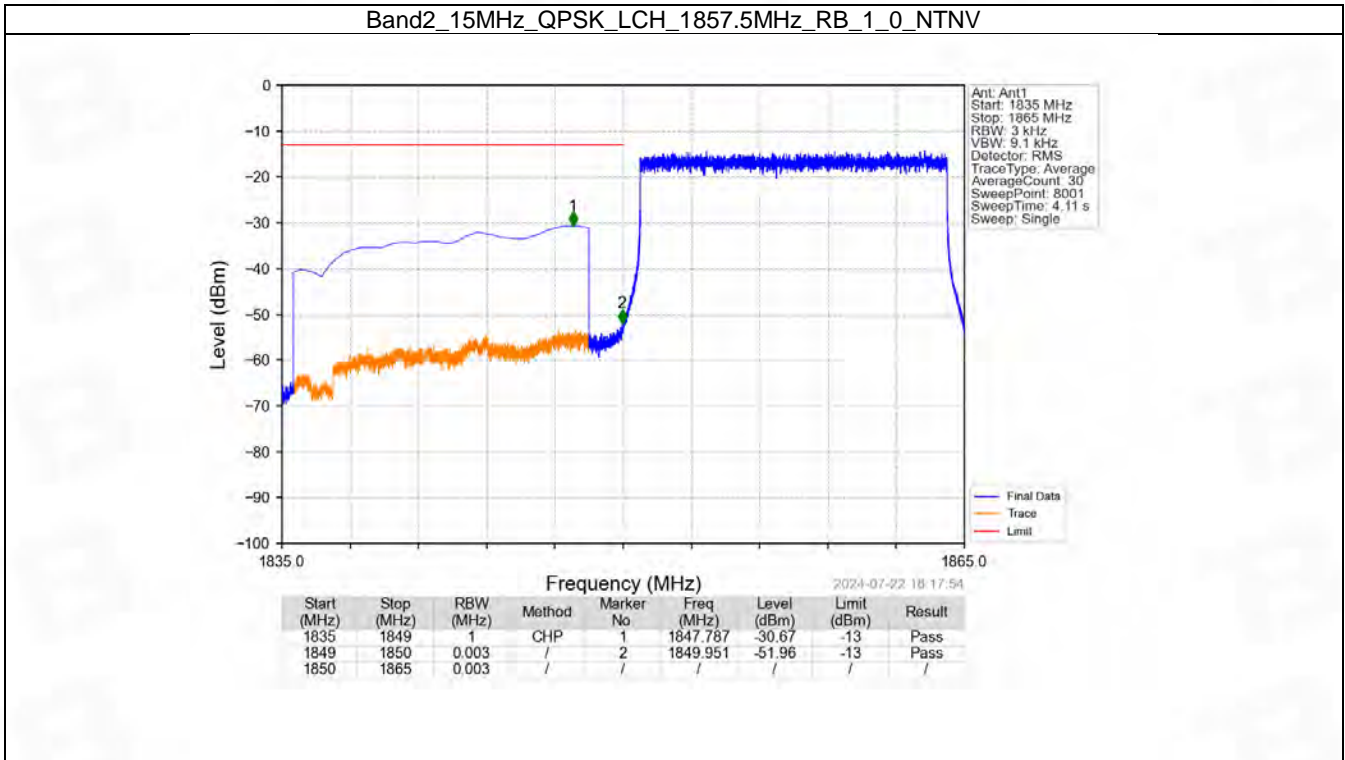
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_1\_49\_NTV



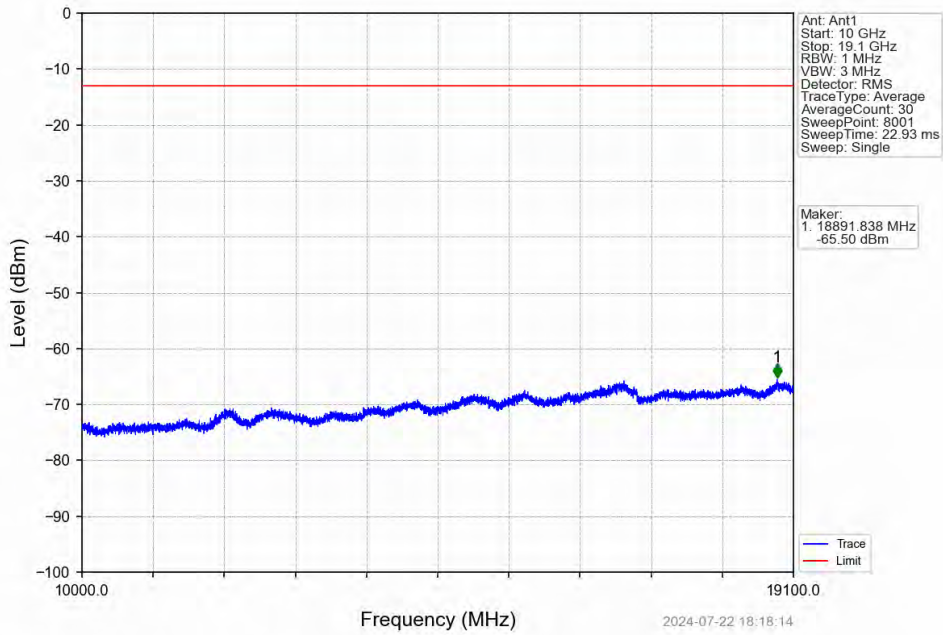
Band2\_10MHz\_16QAM\_HCH\_1905MHz\_RB\_50\_0\_NTV



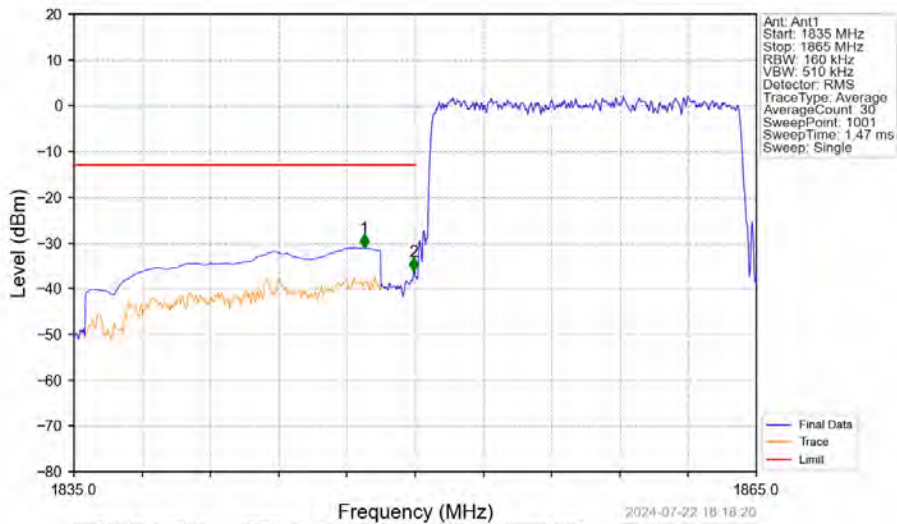
### 6.2.5 B2\_15MHz



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

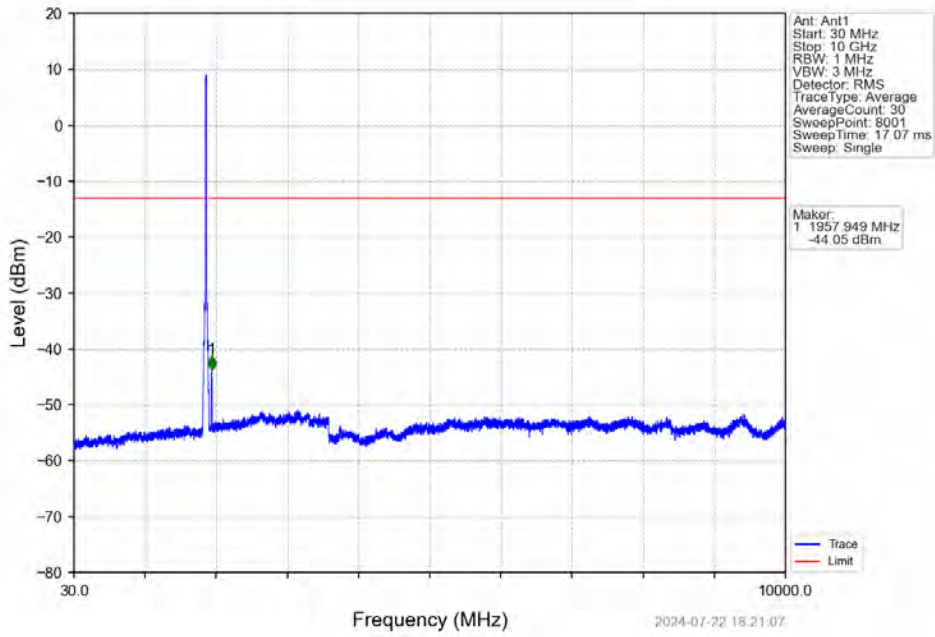


Band2\_15MHz\_QPSK\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV

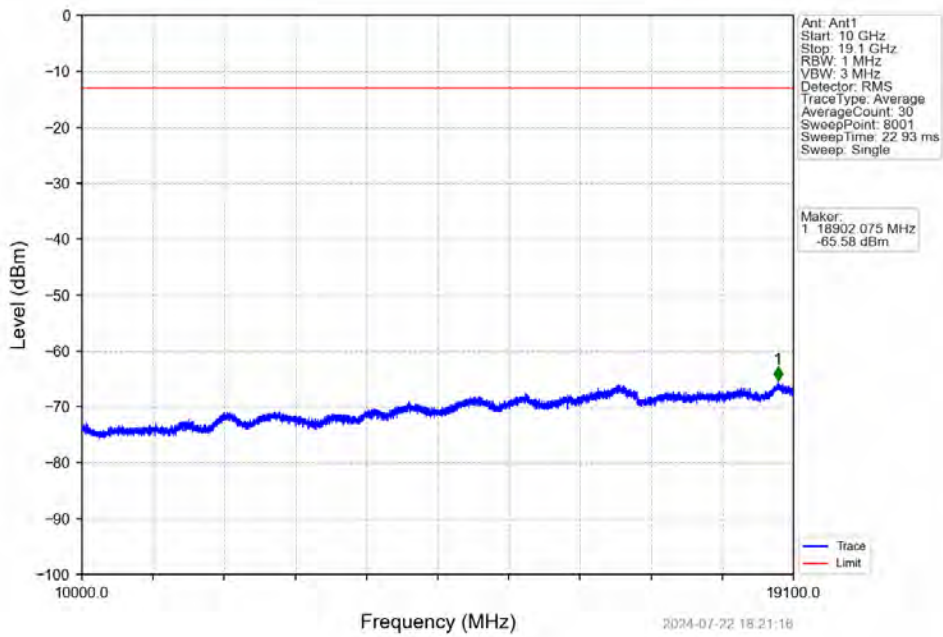


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.750	-31.10	-13	Pass
1849	1850	0.16	/	2	1849.940	-36.23	-13	Pass
1850	1865	0.16	/	/	/	/	/	/

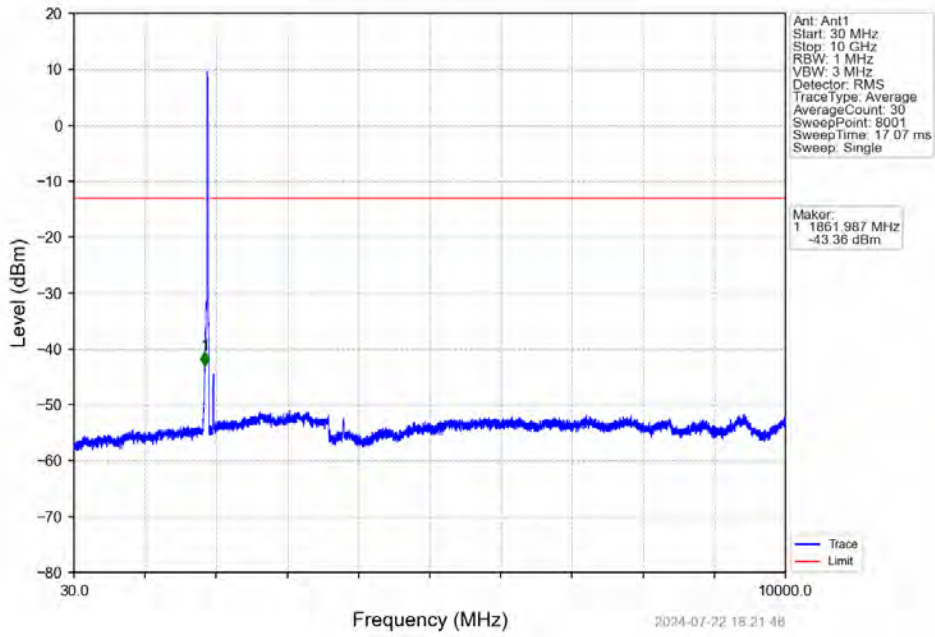
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



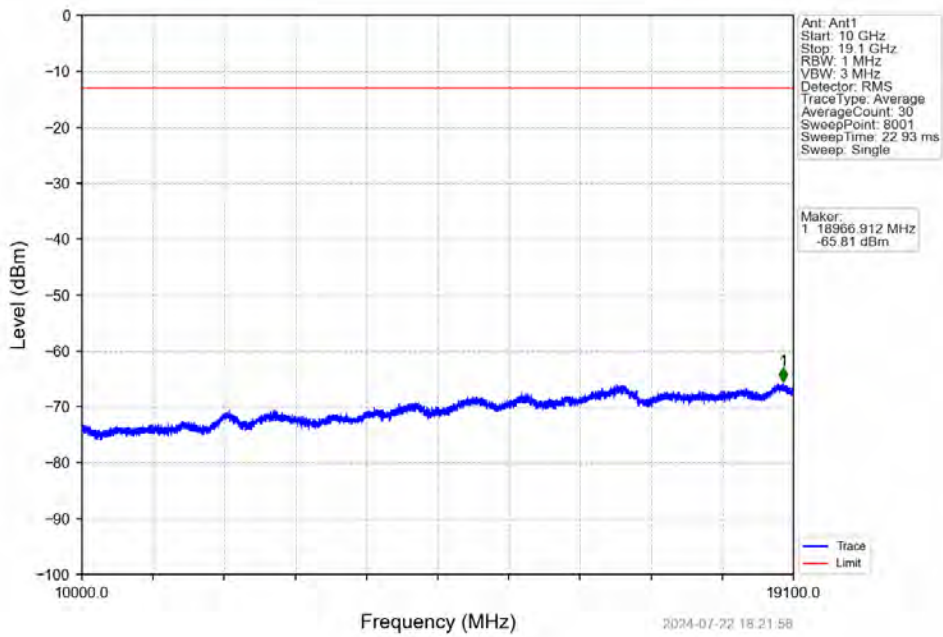
Band2\_15MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



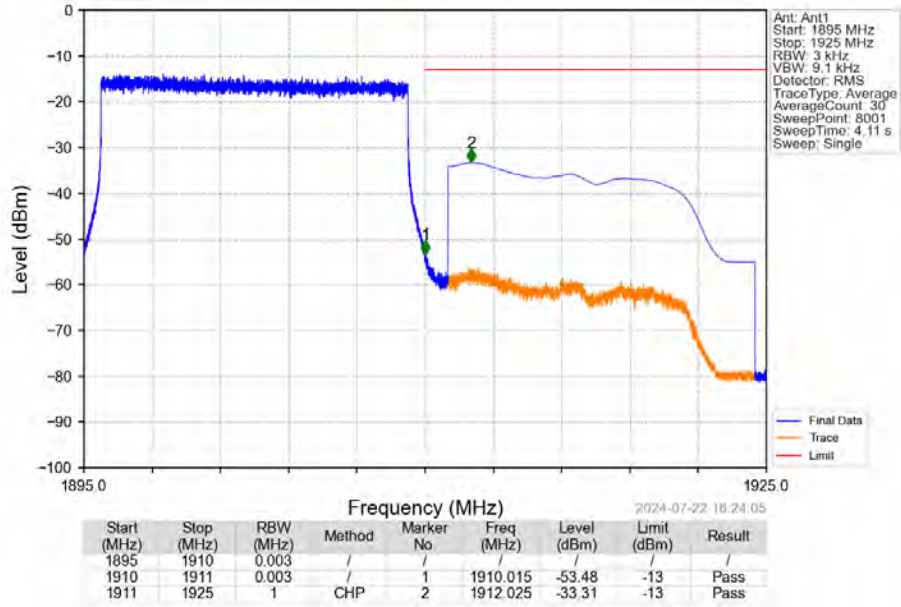
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



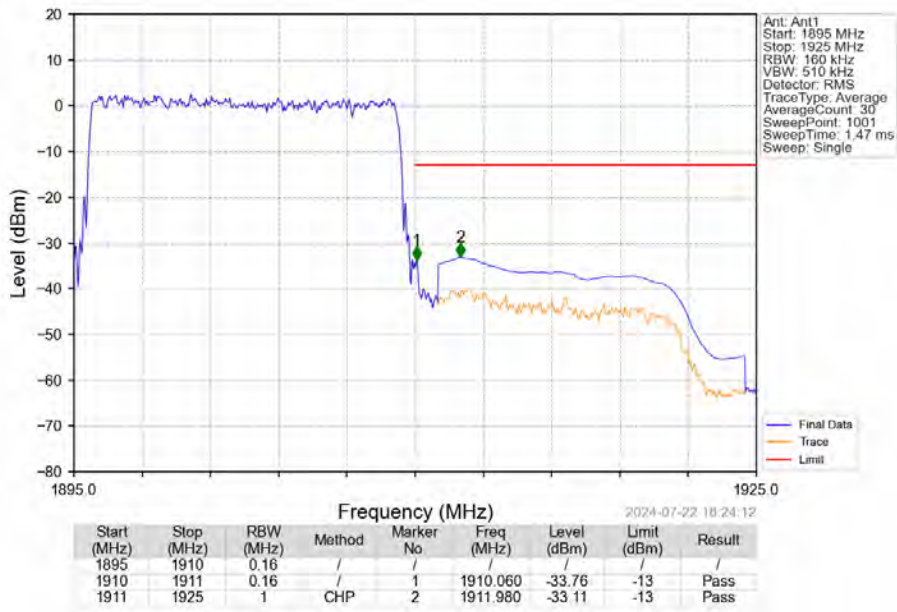
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



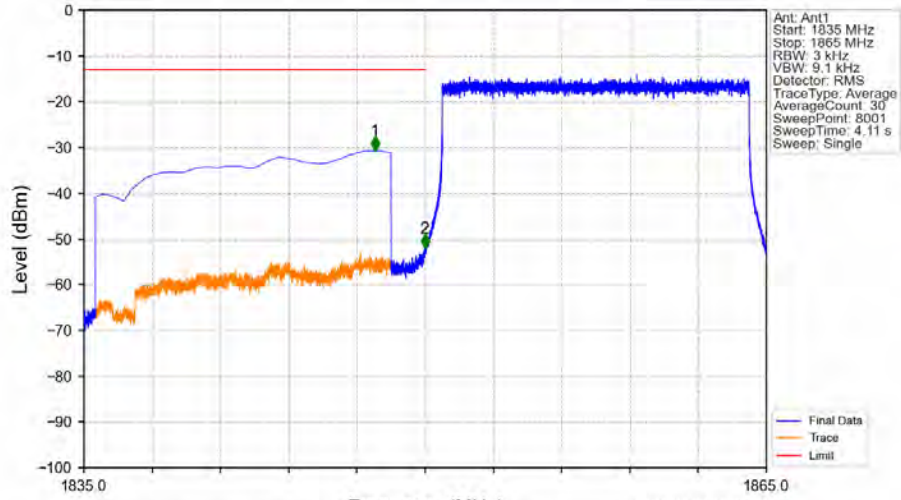
Band2\_15MHz\_QPSK\_HCH\_1902.5MHz\_RB\_1\_74\_NTNV



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

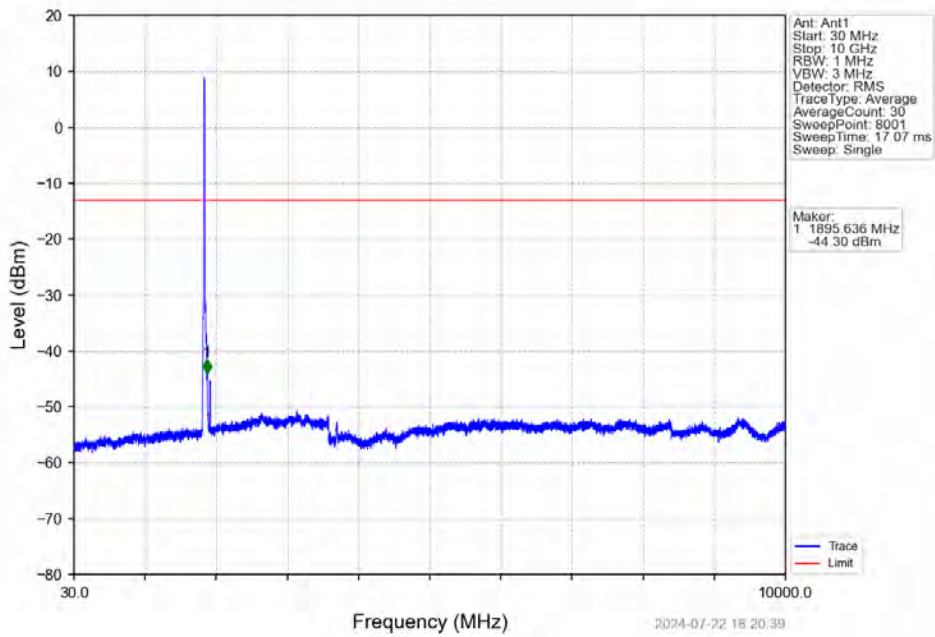


Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_1\_0\_NTNV



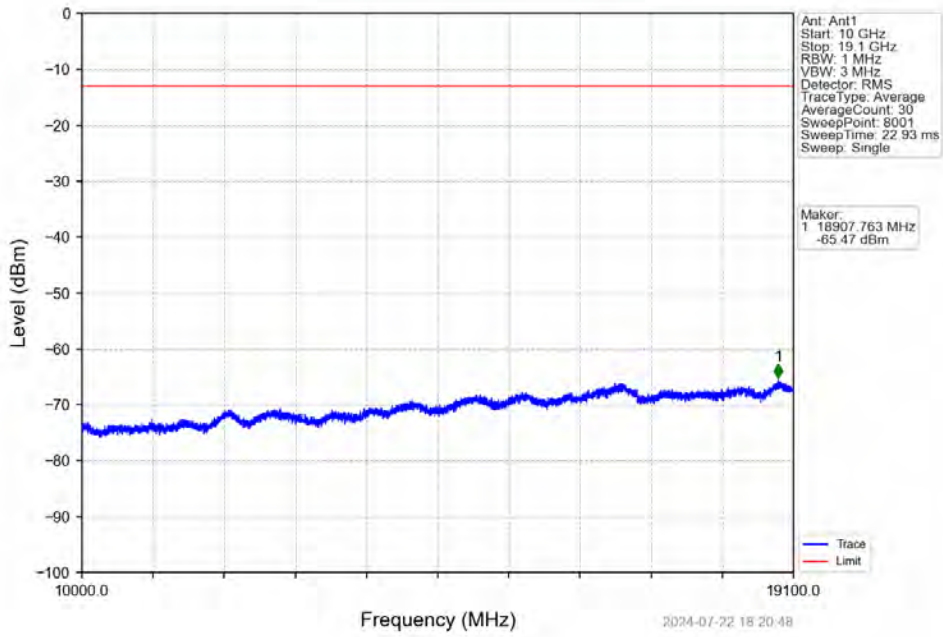
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1847.787	-30.70	-13	Pass
1849	1850	0.003	/	2	1849.989	-52.03	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

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

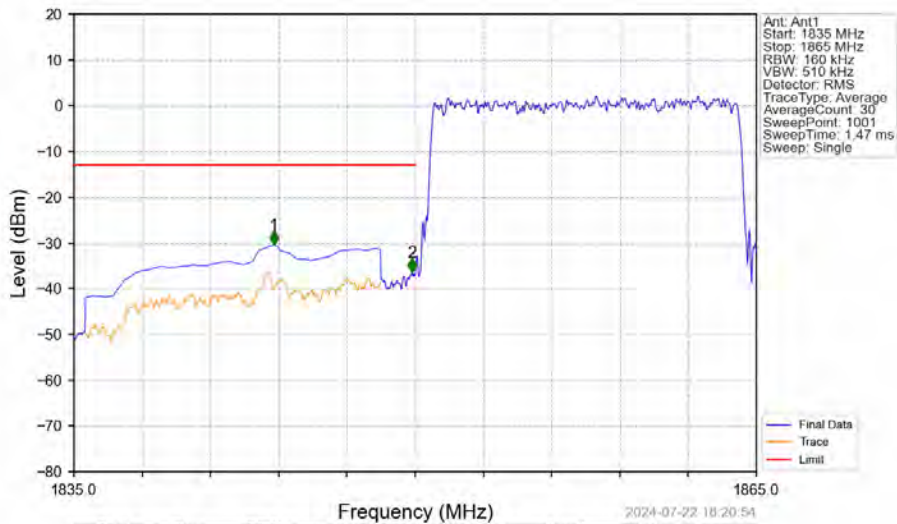


Marker:  
 1 1695.636 MHz  
 -44.30 dBm

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



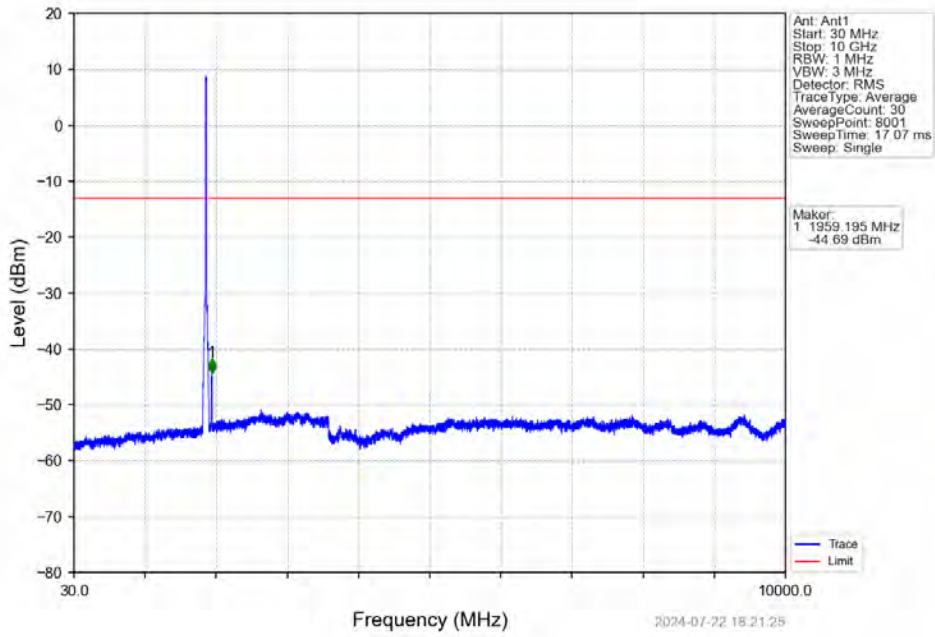
Band2\_15MHz\_16QAM\_LCH\_1857.5MHz\_RB\_75\_0\_NTNV



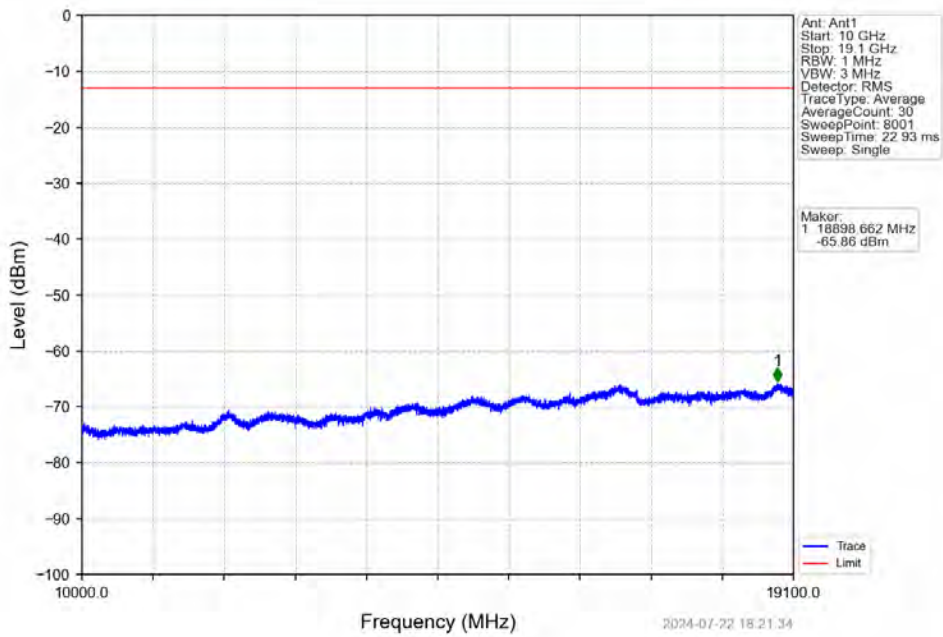
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1843.790	-30.48	-13	Pass
1849	1850	0.16	/	2	1849.850	-36.39	-13	Pass
1850	1865	0.16	/	/	/	/	/	/



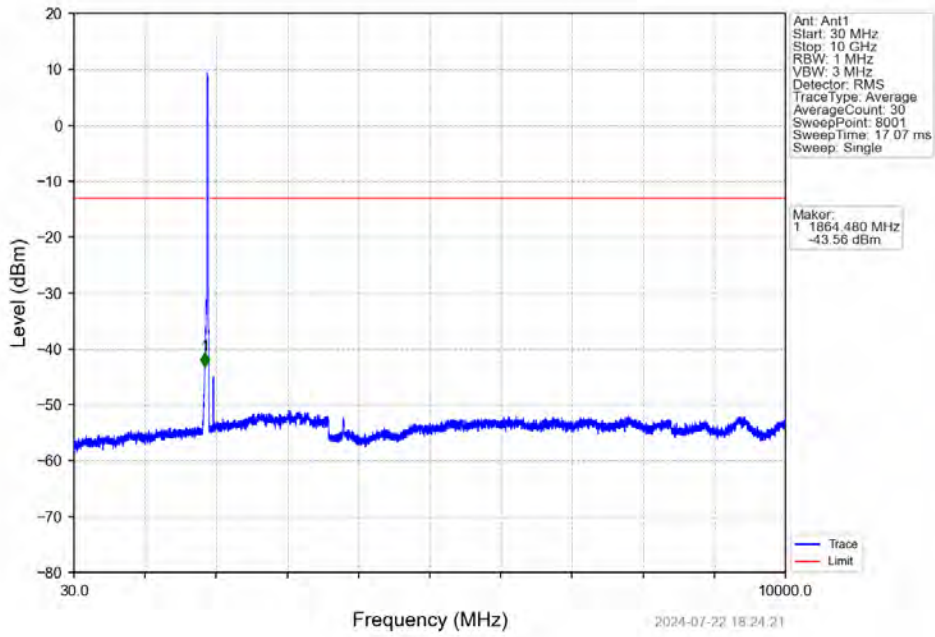
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



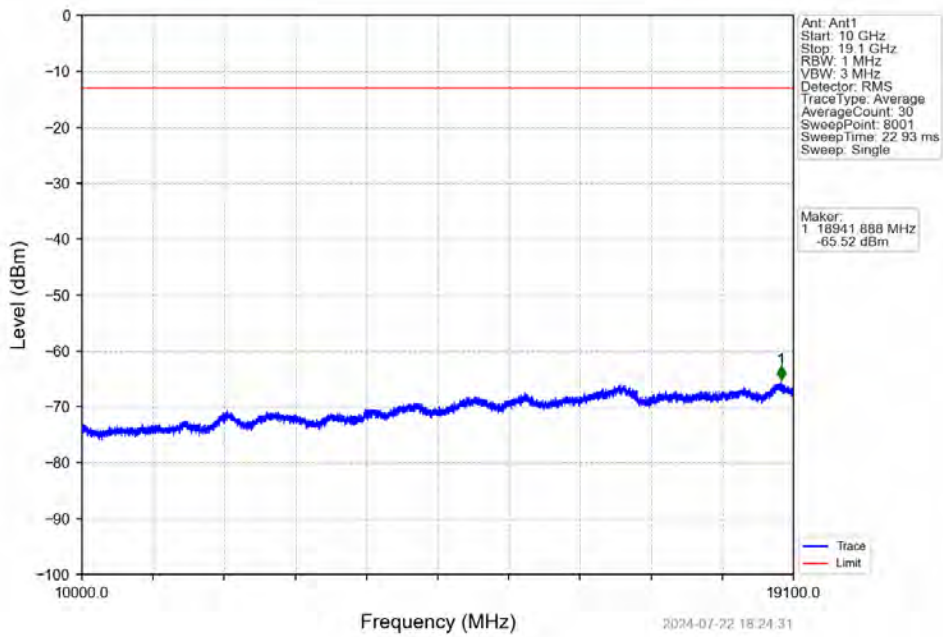
Band2\_15MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



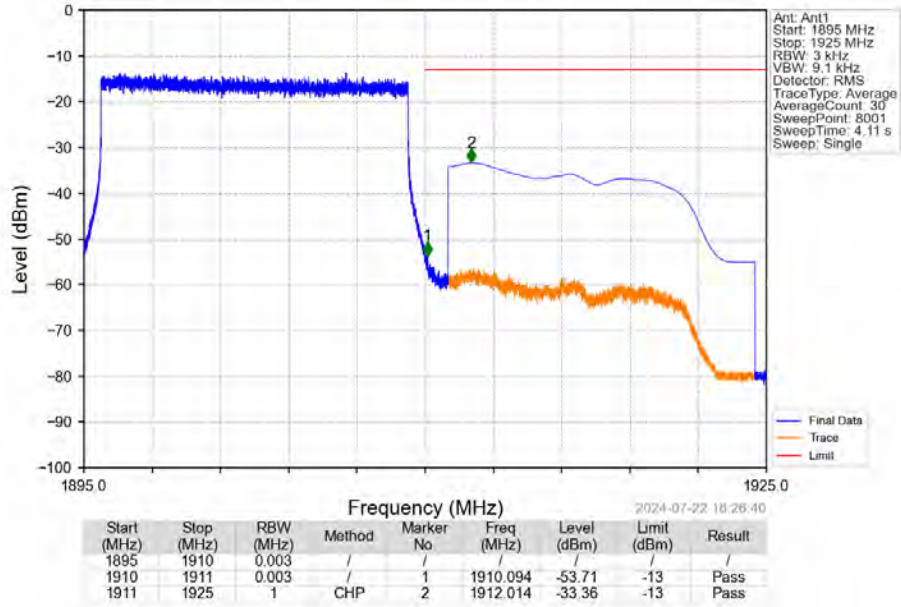
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



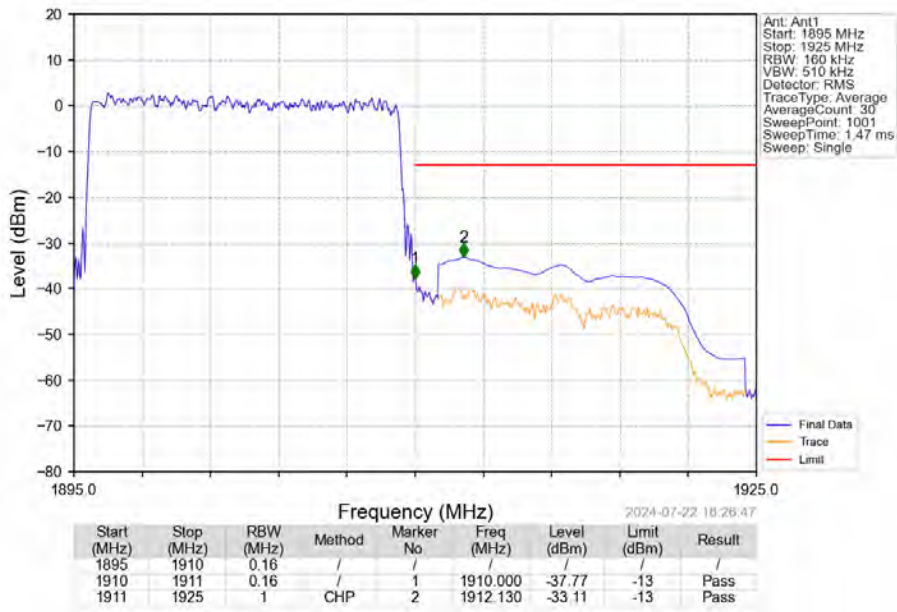
Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_1\_0\_NTNV



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

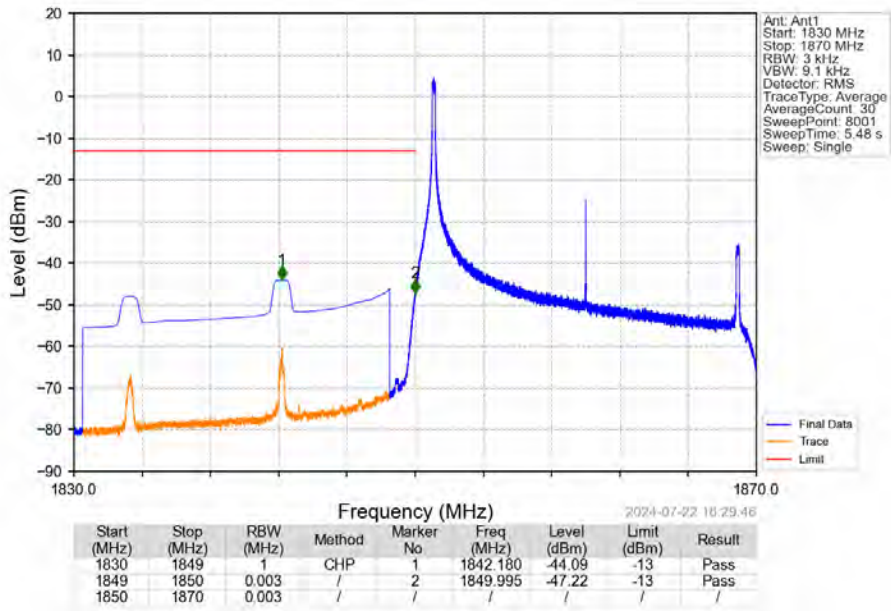


Band2\_15MHz\_16QAM\_HCH\_1902.5MHz\_RB\_75\_0\_NTNV

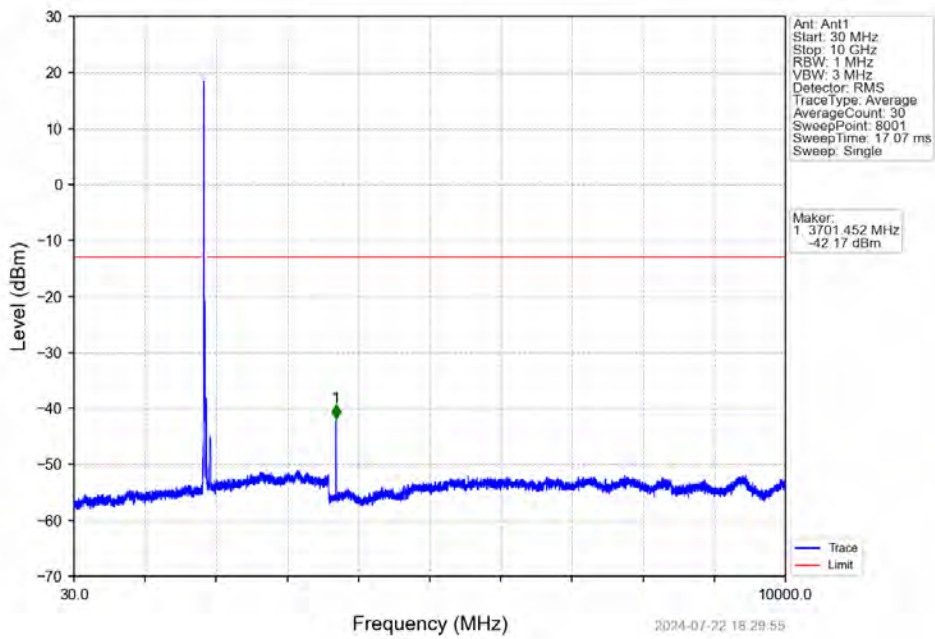


### 6.2.6 B2\_20MHz

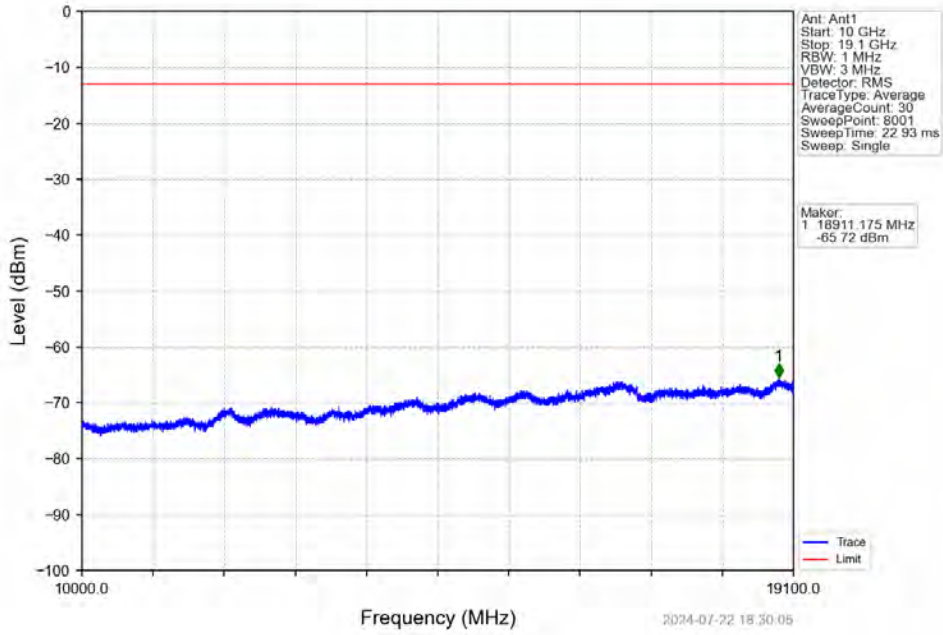
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



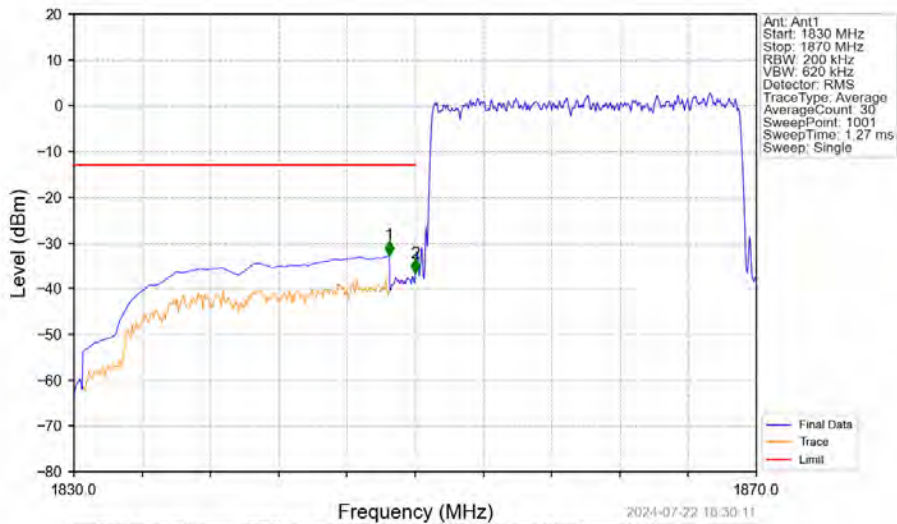
Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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

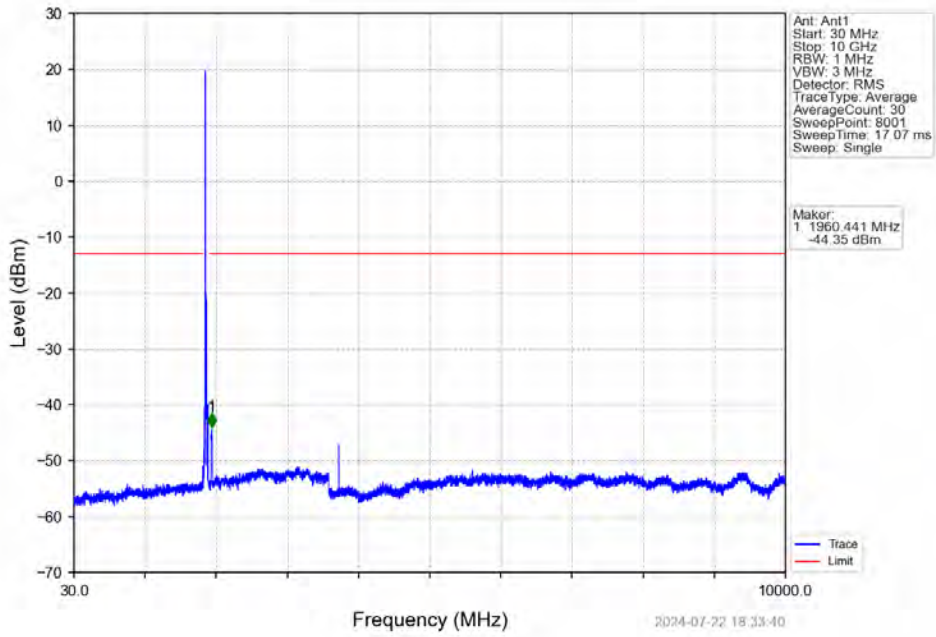


Band2\_20MHz\_QPSK\_LCH\_1860MHz\_RB\_100\_0\_NTNV

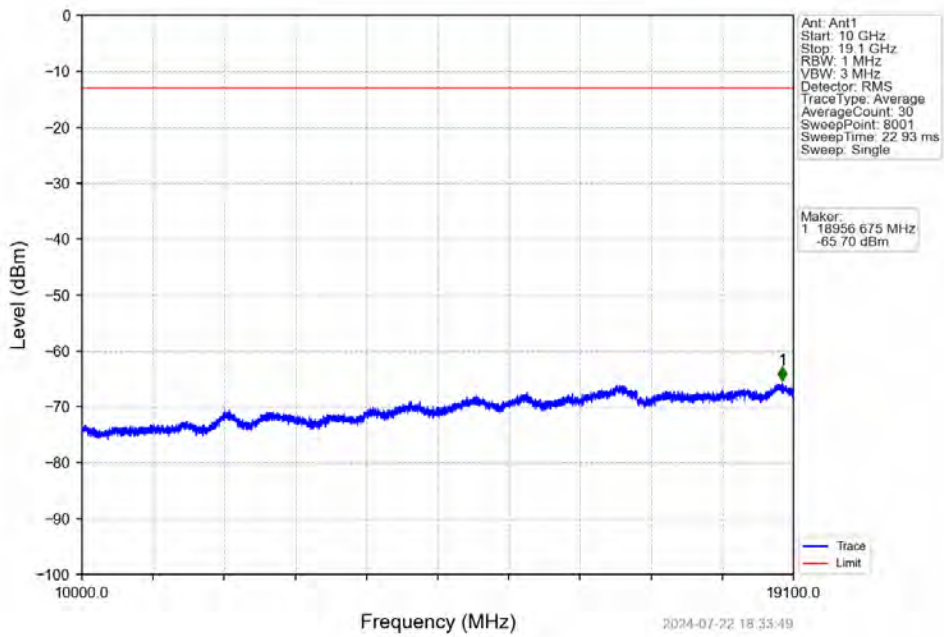


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-32.67	-13	Pass
1849	1850	0.2	/	2	1850.000	-36.68	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

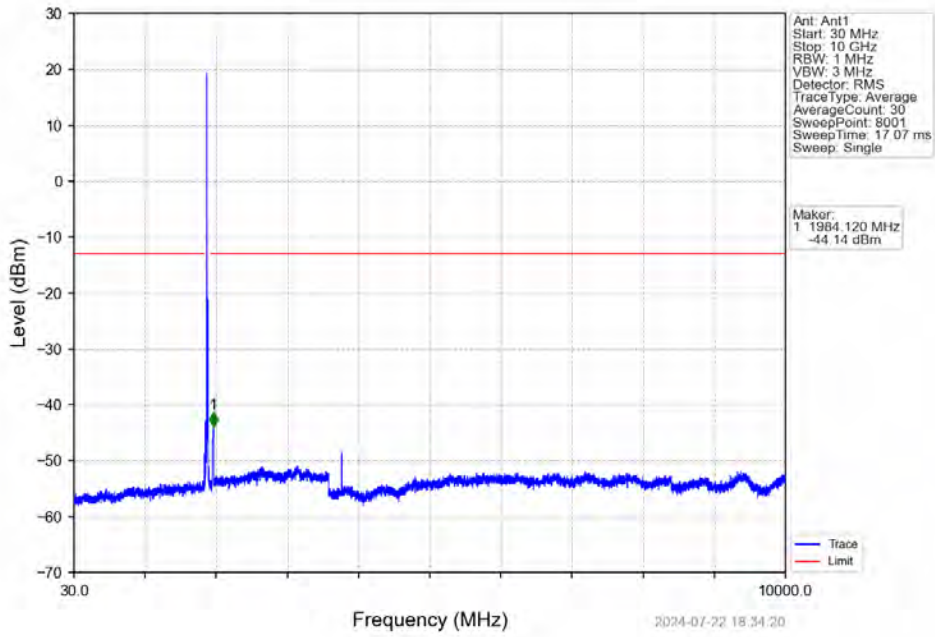
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



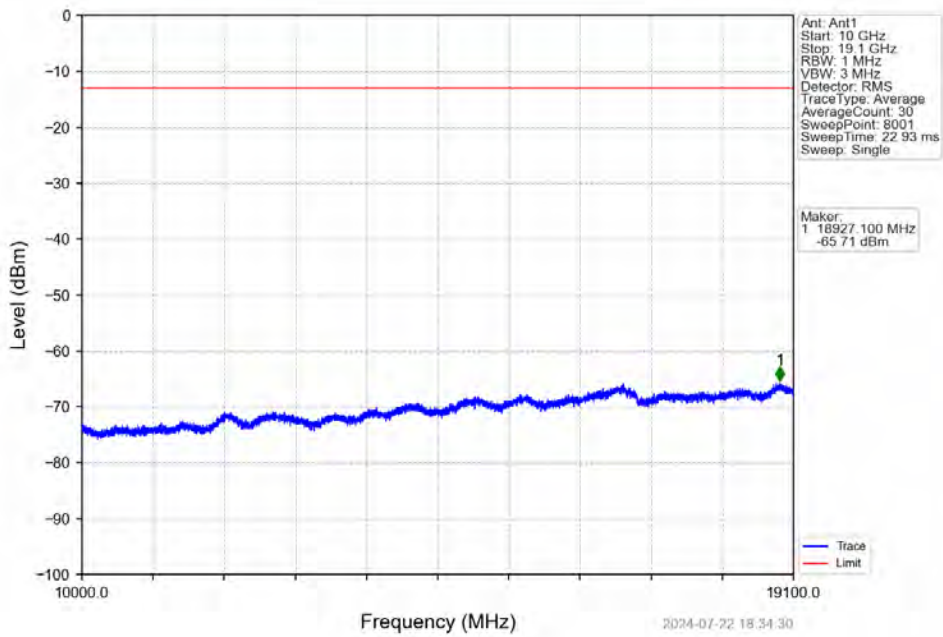
Band2\_20MHz\_QPSK\_MCH\_1880MHz\_RB\_1\_0\_NTNV



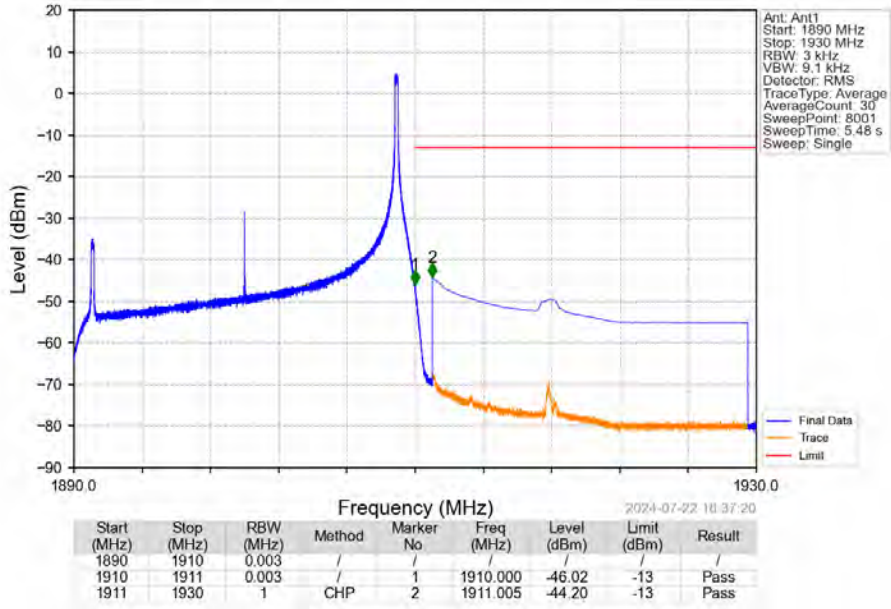
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



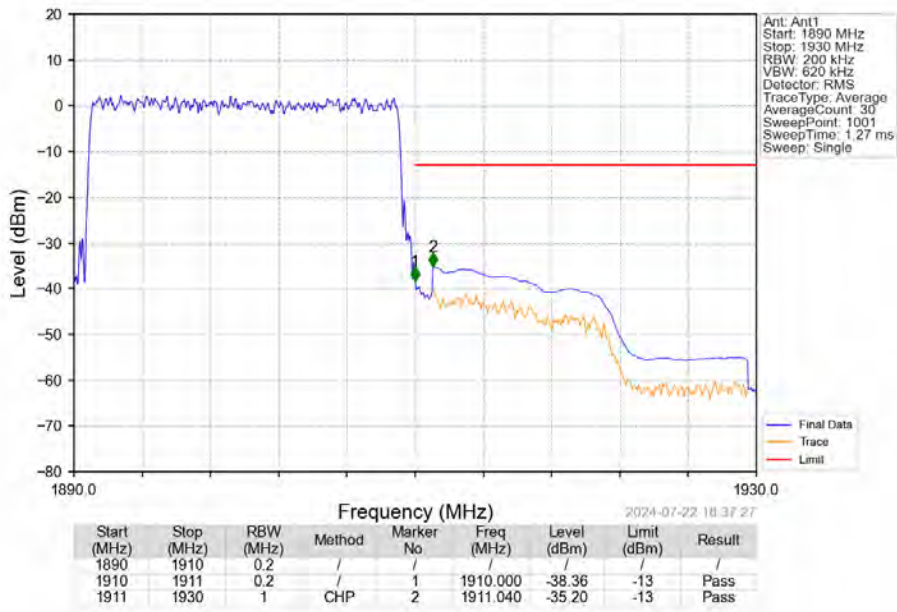
Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_1\_0\_NTNV



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

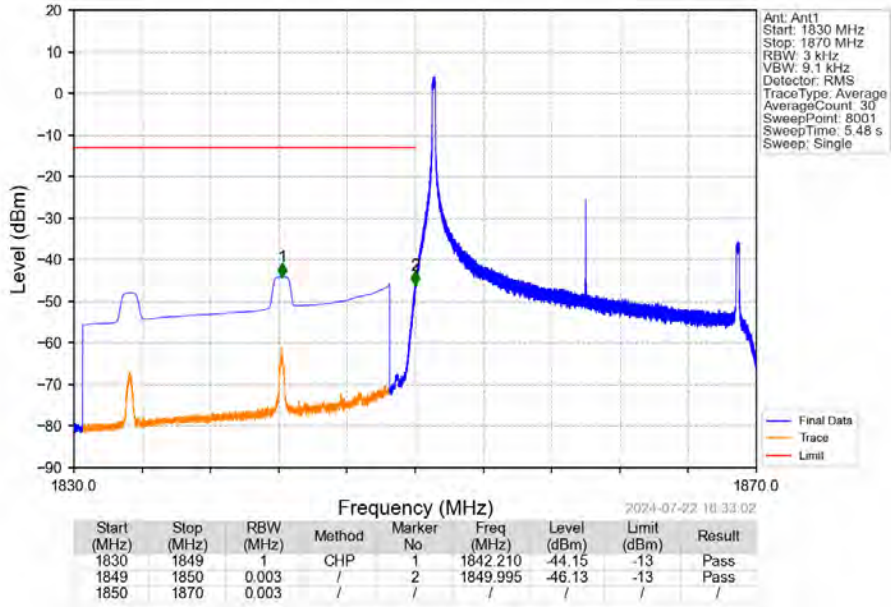


Band2\_20MHz\_QPSK\_HCH\_1900MHz\_RB\_100\_0\_NTNV

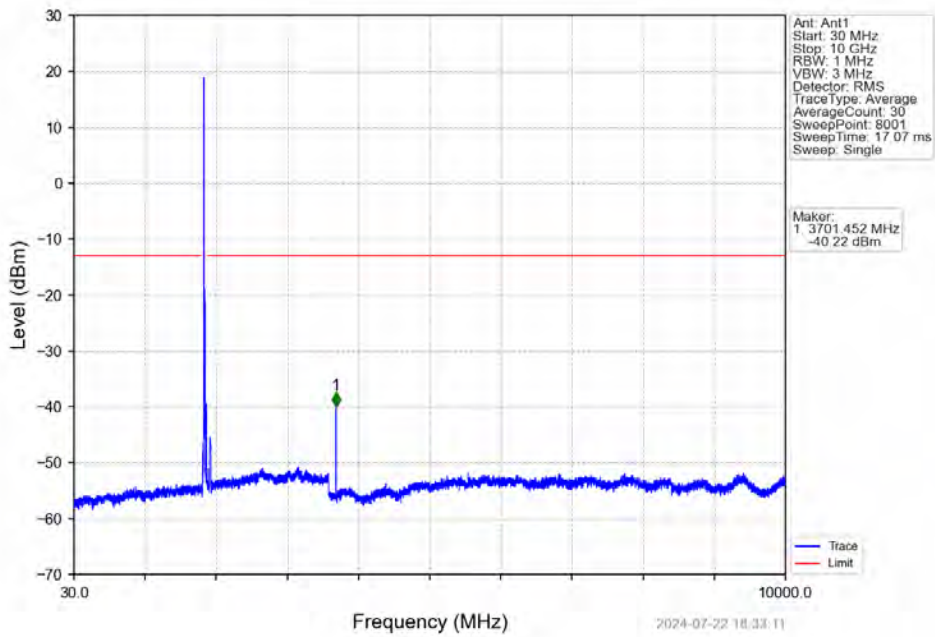




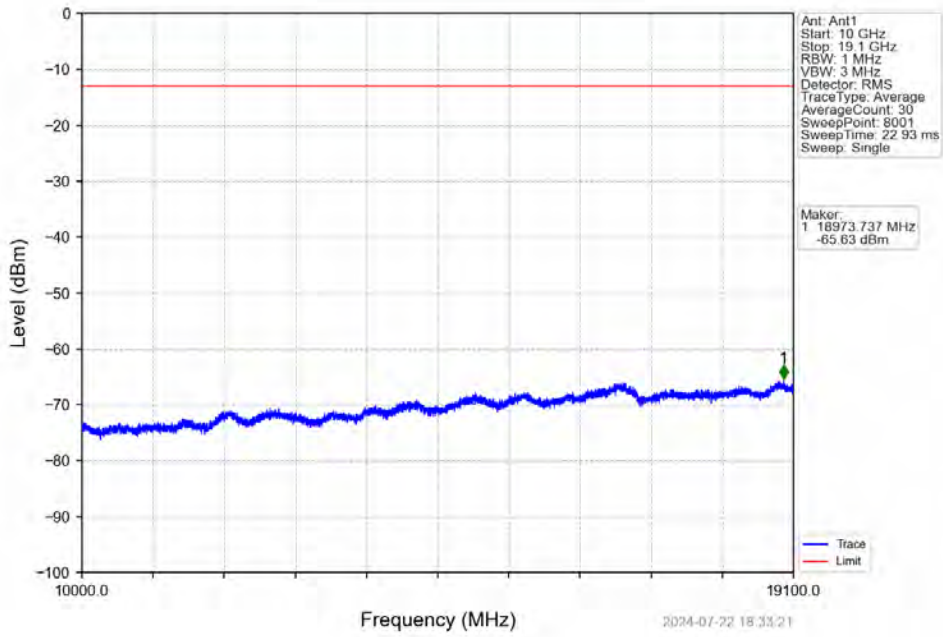
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



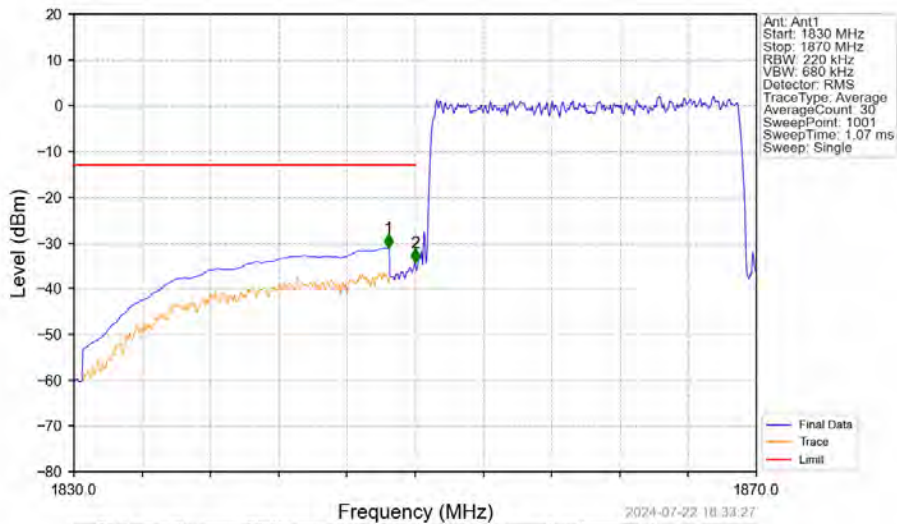
Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_1\_0\_NTNV



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

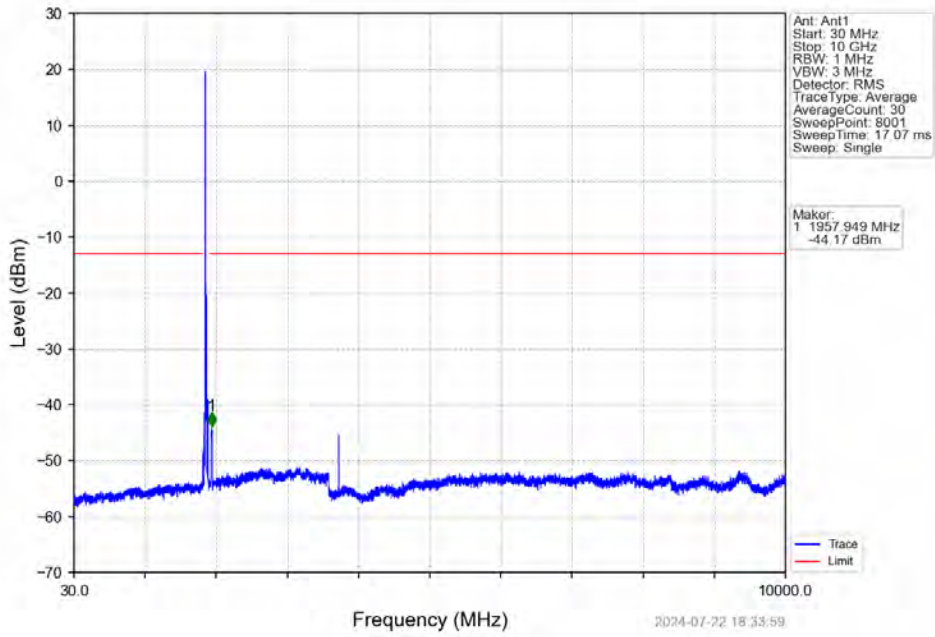


Band2\_20MHz\_16QAM\_LCH\_1860MHz\_RB\_100\_0\_NTNV

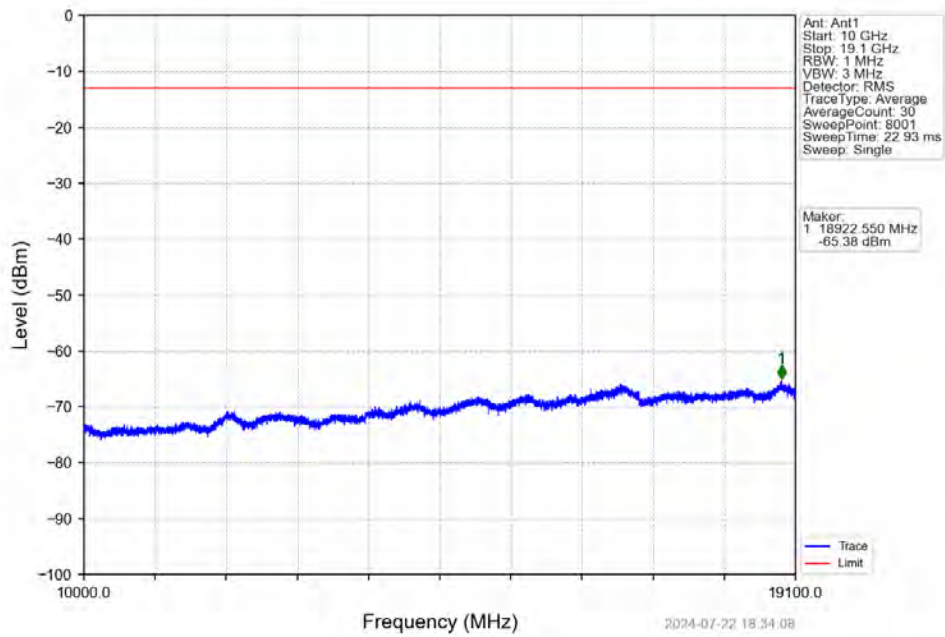


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.440	-31.18	-13	Pass
1849	1850	0.22	/	2	1850.000	-34.36	-13	Pass
1850	1870	0.22	/	/	/	/	/	/

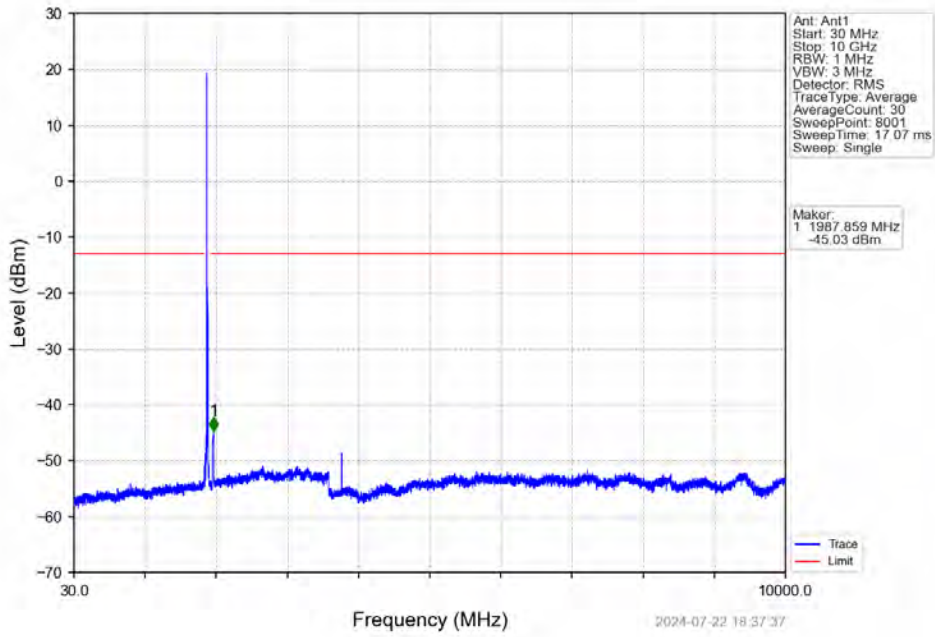
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



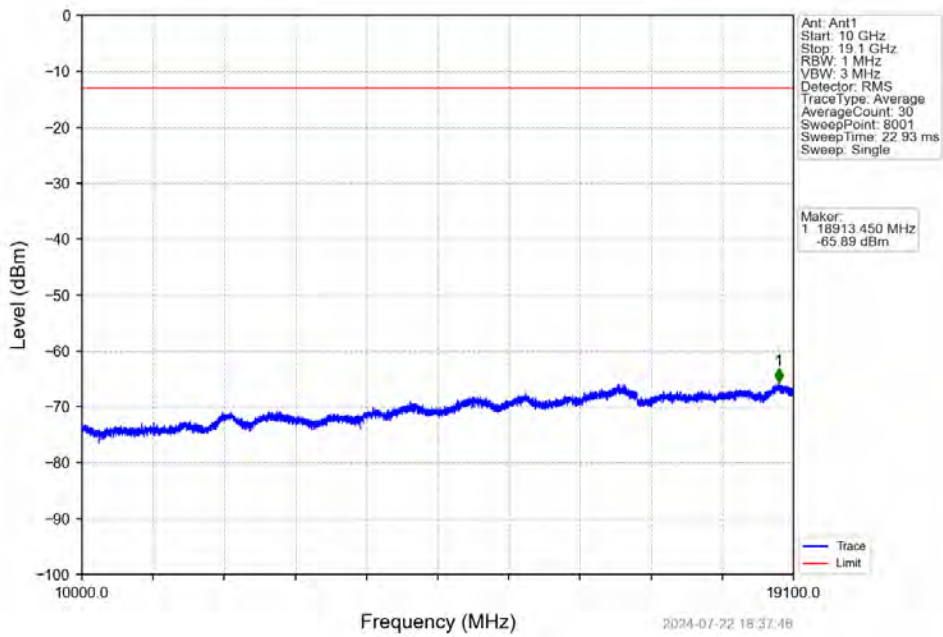
Band2\_20MHz\_16QAM\_MCH\_1880MHz\_RB\_1\_0\_NTNV



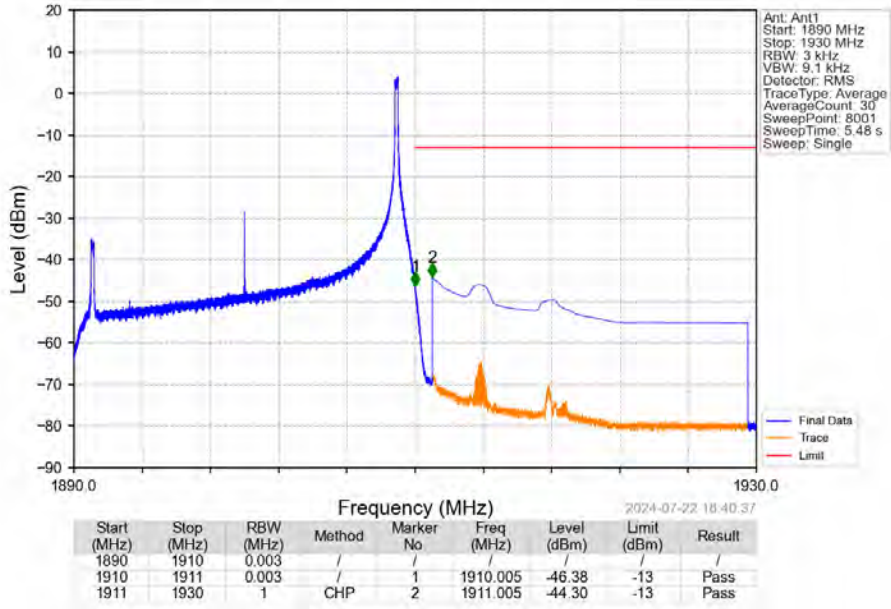
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



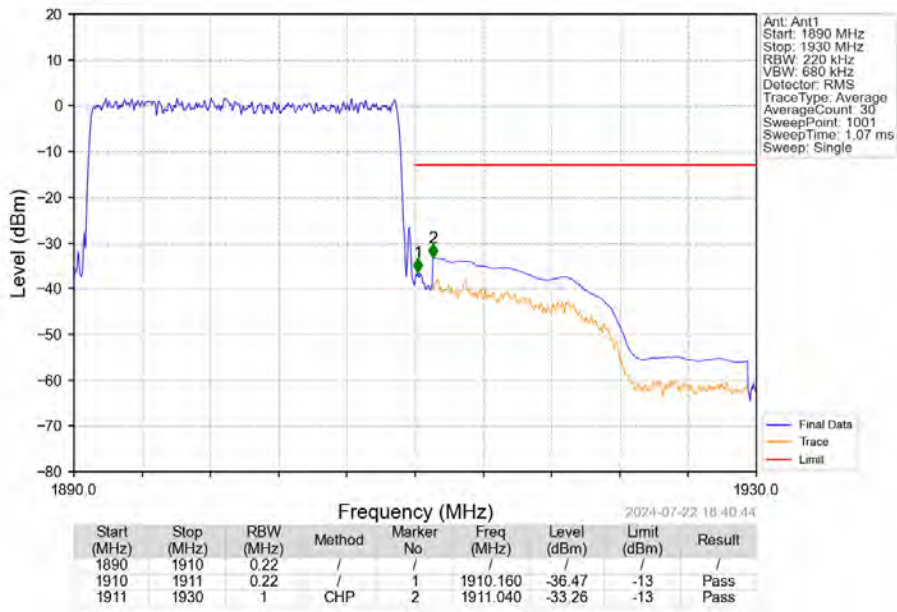
Band2\_20MHz\_16QAM\_HCH\_1900MHz\_RB\_1\_0\_NTNV



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



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



## 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	0.1222	0.0266	ppm	1M11G7D	24E	20.87
2	1.4	1850.7	1909.3	0.1086	0.0253	ppm	1M11W7D	24E	20.36
2	3	1851.5	1908.5	0.1183	0.0251	ppm	2M76G7D	24E	20.73
2	3	1851.5	1908.5	0.1211	0.0227	ppm	2M77W7D	24E	20.83
2	5	1852.5	1907.5	0.1191	0.0249	ppm	4M57G7D	24E	20.76
2	5	1852.5	1907.5	0.1064	0.0284	ppm	4M57W7D	24E	20.27
2	10	1855	1905	0.1178	0.0272	ppm	9M09G7D	24E	20.71
2	10	1855	1905	0.1072	0.0232	ppm	9M08W7D	24E	20.30
2	15	1857.5	1902.5	0.1194	0.0205	ppm	13M6G7D	24E	20.77
2	15	1857.5	1902.5	0.1202	0.0195	ppm	13M7W7D	24E	20.80
2	20	1860	1900	0.1183	0.0225	ppm	18M2G7D	24E	20.73
2	20	1860	1900	0.1291	0.0184	ppm	18M2W7D	24E	21.11

#### 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	0.2223	0.0266	ppm	1M11G7D	24E	23.47
2	1.4	1850.7	1909.3	0.1977	0.0253	ppm	1M11W7D	24E	22.96
2	3	1851.5	1908.5	0.2153	0.0251	ppm	2M76G7D	24E	23.33
2	3	1851.5	1908.5	0.2203	0.0227	ppm	2M77W7D	24E	23.43
2	5	1852.5	1907.5	0.2168	0.0249	ppm	4M57G7D	24E	23.36
2	5	1852.5	1907.5	0.1936	0.0284	ppm	4M57W7D	24E	22.87
2	10	1855	1905	0.2143	0.0272	ppm	9M09G7D	24E	23.31
2	10	1855	1905	0.1950	0.0232	ppm	9M08W7D	24E	22.90
2	15	1857.5	1902.5	0.2173	0.0205	ppm	13M6G7D	24E	23.37
2	15	1857.5	1902.5	0.2188	0.0195	ppm	13M7W7D	24E	23.40
2	20	1860	1900	0.2153	0.0225	ppm	18M2G7D	24E	23.33
2	20	1860	1900	0.2350	0.0184	ppm	18M2W7D	24E	23.71