

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	21.93	0.91	22.84	<=33.01	Pass		
			2	22.02	0.91	22.93	<=33.01	Pass		
			5	21.93	0.91	22.84	<=33.01	Pass		
		3	0	22.01	0.91	22.92	<=33.01	Pass		
			2	22.02	0.91	22.93	<=33.01	Pass		
			3	21.95	0.91	22.86	<=33.01	Pass		
		6	0	20.96	0.91	21.87	<=33.01	Pass		
		1880	1	0	21.83	0.91	22.74	<=33.01	Pass	
				2	21.93	0.91	22.84	<=33.01	Pass	
	5			21.79	0.91	22.70	<=33.01	Pass		
	3		0	21.92	0.91	22.83	<=33.01	Pass		
			2	21.94	0.91	22.85	<=33.01	Pass		
			3	21.90	0.91	22.81	<=33.01	Pass		
	6	0	20.89	0.91	21.80	<=33.01	Pass			
	1909.3	1	0	21.69	0.91	22.60	<=33.01	Pass		
			2	21.77	0.91	22.68	<=33.01	Pass		
			5	21.66	0.91	22.57	<=33.01	Pass		
		3	0	21.69	0.91	22.60	<=33.01	Pass		
			2	21.76	0.91	22.67	<=33.01	Pass		
			3	21.73	0.91	22.64	<=33.01	Pass		
		6	0	20.71	0.91	21.62	<=33.01	Pass		
		16QAM	1850.7	1	0	21.03	0.91	21.94	<=33.01	Pass
					2	21.14	0.91	22.05	<=33.01	Pass
	5				21.04	0.91	21.95	<=33.01	Pass	
3	0			20.95	0.91	21.86	<=33.01	Pass		
	2			20.95	0.91	21.86	<=33.01	Pass		
	3			20.94	0.91	21.85	<=33.01	Pass		
6	0			20.01	0.91	20.92	<=33.01	Pass		
1880	1			0	20.83	0.91	21.74	<=33.01	Pass	
				2	20.89	0.91	21.80	<=33.01	Pass	
			5	20.79	0.91	21.70	<=33.01	Pass		
	3		0	21.05	0.91	21.96	<=33.01	Pass		
			2	21.10	0.91	22.01	<=33.01	Pass		
			3	21.03	0.91	21.94	<=33.01	Pass		
6	0		19.96	0.91	20.87	<=33.01	Pass			
1909.3	1		0	20.64	0.91	21.55	<=33.01	Pass		
			2	20.77	0.91	21.68	<=33.01	Pass		
			5	20.70	0.91	21.61	<=33.01	Pass		
	3		0	20.74	0.91	21.65	<=33.01	Pass		
			2	20.75	0.91	21.66	<=33.01	Pass		
			3	20.71	0.91	21.62	<=33.01	Pass		
	6		0	19.64	0.91	20.55	<=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	22.06	0.91	22.97	<=33.01	Pass		
			7	22.16	0.91	23.07	<=33.01	Pass		
			14	22.04	0.91	22.95	<=33.01	Pass		
		8	0	21.01	0.91	21.92	<=33.01	Pass		
			4	21.03	0.91	21.94	<=33.01	Pass		
			7	21.00	0.91	21.91	<=33.01	Pass		
		15	0	20.98	0.91	21.89	<=33.01	Pass		
		1880	1	0	21.93	0.91	22.84	<=33.01	Pass	
				7	22.07	0.91	22.98	<=33.01	Pass	
	14			21.92	0.91	22.83	<=33.01	Pass		
	8		0	20.96	0.91	21.87	<=33.01	Pass		
			4	20.98	0.91	21.89	<=33.01	Pass		
			7	20.94	0.91	21.85	<=33.01	Pass		
	15		0	20.94	0.91	21.85	<=33.01	Pass		
	1908.5		1	0	21.78	0.91	22.69	<=33.01	Pass	
				7	21.90	0.91	22.81	<=33.01	Pass	
		14		21.74	0.91	22.65	<=33.01	Pass		
		8	0	20.79	0.91	21.70	<=33.01	Pass		
			4	20.83	0.91	21.74	<=33.01	Pass		
			7	20.77	0.91	21.68	<=33.01	Pass		
		15	0	20.81	0.91	21.72	<=33.01	Pass		
		16QAM	1851.5	1	0	21.02	0.91	21.93	<=33.01	Pass
					7	21.14	0.91	22.05	<=33.01	Pass
	14				20.99	0.91	21.90	<=33.01	Pass	
	8			0	20.12	0.91	21.03	<=33.01	Pass	
				4	20.14	0.91	21.05	<=33.01	Pass	
				7	20.09	0.91	21.00	<=33.01	Pass	
15	0			20.08	0.91	20.99	<=33.01	Pass		
1880	1			0	21.11	0.91	22.02	<=33.01	Pass	
				7	21.23	0.91	22.14	<=33.01	Pass	
			14	21.10	0.91	22.01	<=33.01	Pass		
	8		0	20.00	0.91	20.91	<=33.01	Pass		
			4	20.02	0.91	20.93	<=33.01	Pass		
			7	19.97	0.91	20.88	<=33.01	Pass		
	15		0	19.95	0.91	20.86	<=33.01	Pass		
	1908.5		1	0	21.31	0.91	22.22	<=33.01	Pass	
				7	21.41	0.91	22.32	<=33.01	Pass	
14				21.23	0.91	22.14	<=33.01	Pass		
8			0	20.03	0.91	20.94	<=33.01	Pass		
			4	20.04	0.91	20.95	<=33.01	Pass		
			7	19.99	0.91	20.90	<=33.01	Pass		
15			0	19.91	0.91	20.82	<=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	21.88	0.91	22.79	<=33.01	Pass
			13	22.00	0.91	22.91	<=33.01	Pass
			24	21.84	0.91	22.75	<=33.01	Pass
		12	0	20.87	0.91	21.78	<=33.01	Pass
			6	20.97	0.91	21.88	<=33.01	Pass
			13	20.91	0.91	21.82	<=33.01	Pass

16QAM	1880	25	0	20.89	0.91	21.80	<=33.01	Pass		
		1	0	21.82	0.91	22.73	<=33.01	Pass		
			13	21.92	0.91	22.83	<=33.01	Pass		
			24	21.84	0.91	22.75	<=33.01	Pass		
			0	20.89	0.91	21.80	<=33.01	Pass		
		12	6	20.94	0.91	21.85	<=33.01	Pass		
			13	20.92	0.91	21.83	<=33.01	Pass		
			25	0	20.92	0.91	21.83	<=33.01	Pass	
		1907.5	1	0	21.64	0.91	22.55	<=33.01	Pass	
	13			21.78	0.91	22.69	<=33.01	Pass		
	24			21.64	0.91	22.55	<=33.01	Pass		
	12		0	20.75	0.91	21.66	<=33.01	Pass		
			6	20.80	0.91	21.71	<=33.01	Pass		
			13	20.72	0.91	21.63	<=33.01	Pass		
	25		0	20.71	0.91	21.62	<=33.01	Pass		
	16QAM		1852.5	1	0	20.93	0.91	21.84	<=33.01	Pass
					13	21.04	0.91	21.95	<=33.01	Pass
		24			20.91	0.91	21.82	<=33.01	Pass	
		12		0	19.90	0.91	20.81	<=33.01	Pass	
				6	19.96	0.91	20.87	<=33.01	Pass	
				13	19.92	0.91	20.83	<=33.01	Pass	
		25		0	19.93	0.91	20.84	<=33.01	Pass	
		1880		1	0	21.07	0.91	21.98	<=33.01	Pass
					13	21.17	0.91	22.08	<=33.01	Pass
24			21.06		0.91	21.97	<=33.01	Pass		
12			0	19.95	0.91	20.86	<=33.01	Pass		
			6	20.02	0.91	20.93	<=33.01	Pass		
			13	19.96	0.91	20.87	<=33.01	Pass		
25			0	19.98	0.91	20.89	<=33.01	Pass		
1907.5			1	0	20.53	0.91	21.44	<=33.01	Pass	
				13	20.65	0.91	21.56	<=33.01	Pass	
		24		20.49	0.91	21.40	<=33.01	Pass		
		12	0	19.79	0.91	20.70	<=33.01	Pass		
			6	19.82	0.91	20.73	<=33.01	Pass		
			13	19.73	0.91	20.64	<=33.01	Pass		
		25	0	19.82	0.91	20.73	<=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	21.93	0.91	22.84	<=33.01	Pass	
			25	22.16	0.91	23.07	<=33.01	Pass	
			49	21.91	0.91	22.82	<=33.01	Pass	
		25	0	20.91	0.91	21.82	<=33.01	Pass	
			13	20.98	0.91	21.89	<=33.01	Pass	
			25	20.92	0.91	21.83	<=33.01	Pass	
		50	0	20.94	0.91	21.85	<=33.01	Pass	
		1880	1	0	21.88	0.91	22.79	<=33.01	Pass
				25	22.07	0.91	22.98	<=33.01	Pass
	49			21.85	0.91	22.76	<=33.01	Pass	
	25		0	20.94	0.91	21.85	<=33.01	Pass	
			13	21.01	0.91	21.92	<=33.01	Pass	
			25	20.95	0.91	21.86	<=33.01	Pass	
	50		0	20.97	0.91	21.88	<=33.01	Pass	

16QAM	1905	1	0	21.74	0.91	22.65	<=33.01	Pass	
			25	21.98	0.91	22.89	<=33.01	Pass	
			49	21.67	0.91	22.58	<=33.01	Pass	
		25	0	20.86	0.91	21.77	<=33.01	Pass	
			13	20.85	0.91	21.76	<=33.01	Pass	
			25	20.80	0.91	21.71	<=33.01	Pass	
		50	0	20.84	0.91	21.75	<=33.01	Pass	
		1855	1	0	20.89	0.91	21.80	<=33.01	Pass
				25	21.10	0.91	22.01	<=33.01	Pass
	49			20.86	0.91	21.77	<=33.01	Pass	
	25		0	20.03	0.91	20.94	<=33.01	Pass	
			13	20.09	0.91	21.00	<=33.01	Pass	
			25	20.04	0.91	20.95	<=33.01	Pass	
	50		0	19.99	0.91	20.90	<=33.01	Pass	
	1880		1	0	21.04	0.91	21.95	<=33.01	Pass
25				21.26	0.91	22.17	<=33.01	Pass	
49		21.03		0.91	21.94	<=33.01	Pass		
25		0	20.04	0.91	20.95	<=33.01	Pass		
		13	20.09	0.91	21.00	<=33.01	Pass		
		25	20.01	0.91	20.92	<=33.01	Pass		
50	0	20.04	0.91	20.95	<=33.01	Pass			
1905	1	0	21.28	0.91	22.19	<=33.01	Pass		
		25	21.48	0.91	22.39	<=33.01	Pass		
		49	21.20	0.91	22.11	<=33.01	Pass		
	25	0	19.99	0.91	20.90	<=33.01	Pass		
		13	19.97	0.91	20.88	<=33.01	Pass		
		25	19.88	0.91	20.79	<=33.01	Pass		
	50	0	19.91	0.91	20.82	<=33.01	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B2_15MHz_EIRP

Band: 2 / Bandwidth: 15MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1857.5	1	0	21.68	0.91	22.59	<=33.01	Pass		
			38	21.95	0.91	22.86	<=33.01	Pass		
			74	21.76	0.91	22.67	<=33.01	Pass		
		36	0	20.85	0.91	21.76	<=33.01	Pass		
			18	20.96	0.91	21.87	<=33.01	Pass		
			39	20.91	0.91	21.82	<=33.01	Pass		
		75	0	20.89	0.91	21.80	<=33.01	Pass		
		1880	1	0	21.75	0.91	22.66	<=33.01	Pass	
				38	21.92	0.91	22.83	<=33.01	Pass	
	74			21.69	0.91	22.60	<=33.01	Pass		
	36		0	20.90	0.91	21.81	<=33.01	Pass		
			18	20.95	0.91	21.86	<=33.01	Pass		
			39	20.91	0.91	21.82	<=33.01	Pass		
	75	0	20.95	0.91	21.86	<=33.01	Pass			
	1902.5	1	0	21.61	0.91	22.52	<=33.01	Pass		
			38	21.79	0.91	22.70	<=33.01	Pass		
			74	21.52	0.91	22.43	<=33.01	Pass		
		36	0	20.84	0.91	21.75	<=33.01	Pass		
			18	20.83	0.91	21.74	<=33.01	Pass		
			39	20.78	0.91	21.69	<=33.01	Pass		
		75	0	20.77	0.91	21.68	<=33.01	Pass		
		16QAM	1857.5	1	0	21.06	0.91	21.97	<=33.01	Pass

		36	38	21.27	0.91	22.18	<=33.01	Pass	
			74	21.09	0.91	22.00	<=33.01	Pass	
			0	19.83	0.91	20.74	<=33.01	Pass	
		75	1	18	19.94	0.91	20.85	<=33.01	Pass
				39	19.88	0.91	20.79	<=33.01	Pass
				0	19.85	0.91	20.76	<=33.01	Pass
		1880	36	1	0	20.90	0.91	21.81	<=33.01
	38				21.09	0.91	22.00	<=33.01	Pass
	74				20.87	0.91	21.78	<=33.01	Pass
	75		36	0	19.94	0.91	20.85	<=33.01	Pass
				18	20.00	0.91	20.91	<=33.01	Pass
				39	19.92	0.91	20.83	<=33.01	Pass
	1902.5		75	1	0	20.00	0.91	20.91	<=33.01
		0			21.18	0.91	22.09	<=33.01	Pass
		38			21.38	0.91	22.29	<=33.01	Pass
		1	36	74	21.07	0.91	21.98	<=33.01	Pass
				0	19.88	0.91	20.79	<=33.01	Pass
				18	19.90	0.91	20.81	<=33.01	Pass
		75	1	39	19.79	0.91	20.70	<=33.01	Pass
	0			19.85	0.91	20.76	<=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	21.56	0.91	22.47	<=33.01	Pass	
			50	22.05	0.91	22.96	<=33.01	Pass	
			99	21.57	0.91	22.48	<=33.01	Pass	
		50	1	0	20.86	0.91	21.77	<=33.01	Pass
				25	20.92	0.91	21.83	<=33.01	Pass
				50	20.86	0.91	21.77	<=33.01	Pass
		100	1	0	20.87	0.91	21.78	<=33.01	Pass
				0	21.63	0.91	22.54	<=33.01	Pass
				50	22.07	0.91	22.98	<=33.01	Pass
	1880	1	50	99	21.57	0.91	22.48	<=33.01	Pass
				0	20.90	0.91	21.81	<=33.01	Pass
				25	20.95	0.91	21.86	<=33.01	Pass
		100	1	50	20.83	0.91	21.74	<=33.01	Pass
				0	20.88	0.91	21.79	<=33.01	Pass
				0	21.55	0.91	22.46	<=33.01	Pass
	1900	1	50	50	21.97	0.91	22.88	<=33.01	Pass
				99	21.41	0.91	22.32	<=33.01	Pass
				0	20.88	0.91	21.79	<=33.01	Pass
		100	1	25	20.84	0.91	21.75	<=33.01	Pass
				50	20.75	0.91	21.66	<=33.01	Pass
				0	20.84	0.91	21.75	<=33.01	Pass
16QAM	1860	1	0	21.09	0.91	22.00	<=33.01	Pass	
			50	21.58	0.91	22.49	<=33.01	Pass	
			99	21.12	0.91	22.03	<=33.01	Pass	
		50	1	0	19.90	0.91	20.81	<=33.01	Pass
				25	19.95	0.91	20.86	<=33.01	Pass
				50	19.90	0.91	20.81	<=33.01	Pass
	1880	1	100	0	19.94	0.91	20.85	<=33.01	Pass
			0	20.82	0.91	21.73	<=33.01	Pass	
			50	21.27	0.91	22.18	<=33.01	Pass	

		50	99	20.77	0.91	21.68	<=33.01	Pass
			0	19.95	0.91	20.86	<=33.01	Pass
			25	19.98	0.91	20.89	<=33.01	Pass
			50	19.88	0.91	20.79	<=33.01	Pass
		100	0	19.94	0.91	20.85	<=33.01	Pass
	1900	1	0	20.81	0.91	21.72	<=33.01	Pass
			50	21.26	0.91	22.17	<=33.01	Pass
			99	20.68	0.91	21.59	<=33.01	Pass
		50	0	19.93	0.91	20.84	<=33.01	Pass
			25	19.89	0.91	20.80	<=33.01	Pass
			50	19.81	0.91	20.72	<=33.01	Pass
		100	0	19.89	0.91	20.80	<=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	-13.762	-0.0074	-2.5 to 2.5	Pass
					3.85	-13.804	-0.0075	-2.5 to 2.5	Pass
					4.43	-10.057	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.215	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-8.526	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-7.710	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.924	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-5.651	-0.0031	-2.5 to 2.5	Pass
				1880	6	0	20	3.27	-4.792
	3.85	-8.626	-0.0046					-2.5 to 2.5	Pass
	4.43	-17.595	-0.0094					-2.5 to 2.5	Pass
	-30	3.85	-7.153				-0.0038	-2.5 to 2.5	Pass
	-20	3.85	-17.323				-0.0092	-2.5 to 2.5	Pass
	-10	3.85	-8.211				-0.0044	-2.5 to 2.5	Pass
	0	3.85	-9.713				-0.0052	-2.5 to 2.5	Pass
	10	3.85	-2.818				-0.0015	-2.5 to 2.5	Pass
	30	3.85	-6.609				-0.0035	-2.5 to 2.5	Pass
	40	3.85	-9.170				-0.0049	-2.5 to 2.5	Pass
	50	3.85	-4.077				-0.0022	-2.5 to 2.5	Pass
	1909.3	6	0				20	3.27	-11.916
				3.85	-17.395	-0.0091		-2.5 to 2.5	Pass
				4.43	-14.620	-0.0077		-2.5 to 2.5	Pass
				-30	3.85	15.264	0.0080	-2.5 to 2.5	Pass
				-20	3.85	-6.795	-0.0036	-2.5 to 2.5	Pass
-10				3.85	-1.731	-0.0009	-2.5 to 2.5	Pass	
0				3.85	-9.856	-0.0052	-2.5 to 2.5	Pass	
10				3.85	-9.756	-0.0051	-2.5 to 2.5	Pass	
30				3.85	-8.283	-0.0043	-2.5 to 2.5	Pass	
40				3.85	-8.798	-0.0046	-2.5 to 2.5	Pass	
50				3.85	-13.061	-0.0068	-2.5 to 2.5	Pass	

16QAM	1850.7	6	0	20	3.27	3.405	0.0018	-2.5 to 2.5	Pass	
					3.85	-4.263	-0.0023	-2.5 to 2.5	Pass	
					4.43	-2.031	-0.0011	-2.5 to 2.5	Pass	
				-30	3.85	-8.869	-0.0048	-2.5 to 2.5	Pass	
					-20	3.85	-6.108	-0.0033	-2.5 to 2.5	Pass
					-10	3.85	-11.158	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-11.616	-0.0063	-2.5 to 2.5	Pass	
					10	3.85	-5.164	-0.0028	-2.5 to 2.5	Pass
					30	3.85	-5.980	-0.0032	-2.5 to 2.5	Pass
	40	3.85	-4.892		-0.0026	-2.5 to 2.5	Pass			
	50	3.85	-6.022		-0.0033	-2.5 to 2.5	Pass			
	20	3.27	-1.488		-0.0008	-2.5 to 2.5	Pass			
		3.85	-17.724		-0.0094	-2.5 to 2.5	Pass			
		4.43	-11.873		-0.0063	-2.5 to 2.5	Pass			
	-30	3.85	-4.463	-0.0024	-2.5 to 2.5	Pass				
		-20	3.85	-8.512	-0.0045	-2.5 to 2.5	Pass			
		-10	3.85	-9.871	-0.0053	-2.5 to 2.5	Pass			
	0	3.85	-8.740	-0.0046	-2.5 to 2.5	Pass				
		10	3.85	-15.736	-0.0084	-2.5 to 2.5	Pass			
		30	3.85	-4.592	-0.0024	-2.5 to 2.5	Pass			
		40	3.85	-11.172	-0.0059	-2.5 to 2.5	Pass			
		50	3.85	-14.606	-0.0078	-2.5 to 2.5	Pass			
		20	3.27	-18.225	-0.0095	-2.5 to 2.5	Pass			
			3.85	-15.106	-0.0079	-2.5 to 2.5	Pass			
			4.43	-7.968	-0.0042	-2.5 to 2.5	Pass			
	-30	3.85	-3.605	-0.0019	-2.5 to 2.5	Pass				
		-20	3.85	-15.607	-0.0082	-2.5 to 2.5	Pass			
-10		3.85	-4.621	-0.0024	-2.5 to 2.5	Pass				
0	3.85	-17.524	-0.0092	-2.5 to 2.5	Pass					
	10	3.85	-13.604	-0.0071	-2.5 to 2.5	Pass				
	30	3.85	-6.037	-0.0032	-2.5 to 2.5	Pass				
	40	3.85	-1.788	-0.0009	-2.5 to 2.5	Pass				
	50	3.85	-14.691	-0.0077	-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	-18.811	-0.0102	-2.5 to 2.5	Pass	
					3.85	-15.020	-0.0081	-2.5 to 2.5	Pass	
					4.43	-12.231	-0.0066	-2.5 to 2.5	Pass	
				-30	3.85	-4.606	-0.0025	-2.5 to 2.5	Pass	
					-20	3.85	-12.016	-0.0065	-2.5 to 2.5	Pass
					-10	3.85	-7.367	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0030	-2.5 to 2.5	Pass	
					10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
					30	3.85	-10.986	-0.0059	-2.5 to 2.5	Pass
	40	3.85	-10.571		-0.0057	-2.5 to 2.5	Pass			
	50	3.85	-5.980		-0.0032	-2.5 to 2.5	Pass			
	1880	15	0		20	3.27	-7.653	-0.0041	-2.5 to 2.5	Pass
				3.85		2.074	0.0011	-2.5 to 2.5	Pass	
				4.43		4.191	0.0022	-2.5 to 2.5	Pass	
				-30	3.85	-2.632	-0.0014	-2.5 to 2.5	Pass	
					-20	3.85	-4.778	-0.0025	-2.5 to 2.5	Pass
					-10	3.85	-11.058	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass	

				10	3.85	-16.394	-0.0087	-2.5 to 2.5	Pass				
				30	3.85	-10.428	-0.0055	-2.5 to 2.5	Pass				
				40	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass				
				50	3.85	-10.729	-0.0057	-2.5 to 2.5	Pass				
	1908.5	15	0	20	3.27	-13.719	-0.0072	-2.5 to 2.5	Pass				
					3.85	-0.544	-0.0003	-2.5 to 2.5	Pass				
					4.43	-13.947	-0.0073	-2.5 to 2.5	Pass				
				-30	3.85	-14.963	-0.0078	-2.5 to 2.5	Pass				
				-20	3.85	-7.467	-0.0039	-2.5 to 2.5	Pass				
				-10	3.85	-7.095	-0.0037	-2.5 to 2.5	Pass				
				0	3.85	-8.440	-0.0044	-2.5 to 2.5	Pass				
				10	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass				
				30	3.85	-3.948	-0.0021	-2.5 to 2.5	Pass				
				40	3.85	-5.493	-0.0029	-2.5 to 2.5	Pass				
				50	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass				
				16QAM	1851.5	15	0	20	3.27	-9.398	-0.0051	-2.5 to 2.5	Pass
									3.85	11.773	0.0064	-2.5 to 2.5	Pass
									4.43	-9.570	-0.0052	-2.5 to 2.5	Pass
								-30	3.85	-12.889	-0.0070	-2.5 to 2.5	Pass
-20	3.85	-12.589	-0.0068					-2.5 to 2.5	Pass				
-10	3.85	-6.938	-0.0037					-2.5 to 2.5	Pass				
0	3.85	-2.947	-0.0016					-2.5 to 2.5	Pass				
10	3.85	6.080	0.0033					-2.5 to 2.5	Pass				
30	3.85	-11.430	-0.0062					-2.5 to 2.5	Pass				
40	3.85	-13.618	-0.0074					-2.5 to 2.5	Pass				
50	3.85	-14.348	-0.0077					-2.5 to 2.5	Pass				
1880	15	0	20					3.27	-9.913	-0.0053	-2.5 to 2.5	Pass	
								3.85	5.479	0.0029	-2.5 to 2.5	Pass	
								4.43	-5.708	-0.0030	-2.5 to 2.5	Pass	
			-30		3.85	-5.922	-0.0032	-2.5 to 2.5	Pass				
			-20		3.85	-1.445	-0.0008	-2.5 to 2.5	Pass				
			-10		3.85	-1.273	-0.0007	-2.5 to 2.5	Pass				
			0		3.85	-6.423	-0.0034	-2.5 to 2.5	Pass				
			10		3.85	-15.535	-0.0083	-2.5 to 2.5	Pass				
			30		3.85	-5.107	-0.0027	-2.5 to 2.5	Pass				
			40		3.85	-18.282	-0.0097	-2.5 to 2.5	Pass				
			50		3.85	-10.643	-0.0057	-2.5 to 2.5	Pass				
			1908.5		15	0	20	3.27	-12.674	-0.0066	-2.5 to 2.5	Pass	
								3.85	-8.540	-0.0045	-2.5 to 2.5	Pass	
								4.43	-12.031	-0.0063	-2.5 to 2.5	Pass	
-30	3.85	-13.833					-0.0072	-2.5 to 2.5	Pass				
-20	3.85	-7.968					-0.0042	-2.5 to 2.5	Pass				
-10	3.85	-10.529					-0.0055	-2.5 to 2.5	Pass				
0	3.85	-4.091		-0.0021			-2.5 to 2.5	Pass					
10	3.85	-3.977		-0.0021			-2.5 to 2.5	Pass					
30	3.85	-18.454		-0.0097			-2.5 to 2.5	Pass					
40	3.85	-14.548		-0.0076			-2.5 to 2.5	Pass					
50	3.85	-3.448	-0.0018	-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	-9.785	-0.0053	-2.5 to 2.5	Pass
					3.85	-8.512	-0.0046	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0023	-2.5 to 2.5	Pass

				-30	3.85	-4.249	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-6.638	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-7.854	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-11.158	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-9.284	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-10.686	-0.0058	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-3.991	-0.0021	-2.5 to 2.5	Pass
					3.85	-9.370	-0.0050	-2.5 to 2.5	Pass
					4.43	-7.768	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-9.327	-0.0050	-2.5 to 2.5	Pass
				-20	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				0	3.85	-17.824	-0.0095	-2.5 to 2.5	Pass
				10	3.85	-6.881	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-1.860	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass
	50	3.85	-12.460	-0.0066	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-7.524	-0.0039	-2.5 to 2.5	Pass
					3.85	-12.789	-0.0067	-2.5 to 2.5	Pass
					4.43	-3.247	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-11.573	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-8.526	-0.0045	-2.5 to 2.5	Pass
40				3.85	-3.691	-0.0019	-2.5 to 2.5	Pass	
50	3.85	7.253	0.0038	-2.5 to 2.5	Pass				
16QAM	1852.5	25	0	20	3.27	-5.364	-0.0029	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0049	-2.5 to 2.5	Pass
					4.43	-11.044	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-13.247	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-6.680	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-3.991	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-8.383	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-4.849	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.392	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0024	-2.5 to 2.5	Pass
	50	3.85	-14.062	-0.0076	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	-6.409	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.731	-0.0009	-2.5 to 2.5	Pass
					4.43	-7.339	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-15.678	-0.0083	-2.5 to 2.5	Pass
				-20	3.85	-7.453	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-2.947	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.960	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.533	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-10.071	-0.0054	-2.5 to 2.5	Pass
				40	3.85	1.016	0.0005	-2.5 to 2.5	Pass
	50	3.85	-7.410	-0.0039	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-5.436	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0011	-2.5 to 2.5	Pass
					4.43	-3.119	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-11.458	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-5.121	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-10.414	-0.0055	-2.5 to 2.5	Pass
0				3.85	-7.625	-0.0040	-2.5 to 2.5	Pass	

				10	3.85	-10.443	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-13.762	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-3.605	-0.0019	-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	-3.362	-0.0018	-2.5 to 2.5	Pass	
					3.85	-3.877	-0.0021	-2.5 to 2.5	Pass	
					4.43	-4.721	-0.0025	-2.5 to 2.5	Pass	
				-30	3.85	-8.082	-0.0044	-2.5 to 2.5	Pass	
					-20	3.85	-6.123	-0.0033	-2.5 to 2.5	Pass
						-10	3.85	-3.576	-0.0019	-2.5 to 2.5
				0	3.85	-4.363	-0.0024	-2.5 to 2.5	Pass	
					10	3.85	-3.304	-0.0018	-2.5 to 2.5	Pass
				30	3.85	0.987	0.0005	-2.5 to 2.5	Pass	
	40	3.85	-2.675		-0.0014	-2.5 to 2.5	Pass			
	50	3.85	-1.588	-0.0009	-2.5 to 2.5	Pass				
	1880	50	0	20	3.27	-6.266	-0.0033	-2.5 to 2.5	Pass	
					3.85	-9.127	-0.0049	-2.5 to 2.5	Pass	
					4.43	-9.956	-0.0053	-2.5 to 2.5	Pass	
				-30	3.85	-2.961	-0.0016	-2.5 to 2.5	Pass	
					-20	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
						-10	3.85	-10.014	-0.0053	-2.5 to 2.5
				0	3.85	-5.436	-0.0029	-2.5 to 2.5	Pass	
					10	3.85	-5.879	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-9.999	-0.0053	-2.5 to 2.5	Pass	
	40	3.85	-10.514		-0.0056	-2.5 to 2.5	Pass			
	50	3.85	-12.174	-0.0065	-2.5 to 2.5	Pass				
	1905	50	0	20	3.27	-7.911	-0.0042	-2.5 to 2.5	Pass	
					3.85	-4.091	-0.0021	-2.5 to 2.5	Pass	
					4.43	-2.117	-0.0011	-2.5 to 2.5	Pass	
				-30	3.85	-8.483	-0.0045	-2.5 to 2.5	Pass	
					-20	3.85	-4.134	-0.0022	-2.5 to 2.5	Pass
-10						3.85	-0.644	-0.0003	-2.5 to 2.5	Pass
0				3.85	-6.137	-0.0032	-2.5 to 2.5	Pass		
				10	3.85	-7.353	-0.0039	-2.5 to 2.5	Pass	
30				3.85	-2.675	-0.0014	-2.5 to 2.5	Pass		
	40	3.85	-7.982	-0.0042	-2.5 to 2.5	Pass				
50	3.85	-5.221	-0.0027	-2.5 to 2.5	Pass					
16QAM	1855	50	0	20	3.27	-5.236	-0.0028	-2.5 to 2.5	Pass	
					3.85	-7.539	-0.0041	-2.5 to 2.5	Pass	
					4.43	-2.189	-0.0012	-2.5 to 2.5	Pass	
				-30	3.85	-0.587	-0.0003	-2.5 to 2.5	Pass	
					-20	3.85	-7.052	-0.0038	-2.5 to 2.5	Pass
						-10	3.85	-7.167	-0.0039	-2.5 to 2.5
				0	3.85	-4.592	-0.0025	-2.5 to 2.5	Pass	
					10	3.85	-6.452	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-7.138	-0.0038	-2.5 to 2.5	Pass	
	40	3.85	-1.044		-0.0006	-2.5 to 2.5	Pass			
	50	3.85	-10.099	-0.0054	-2.5 to 2.5	Pass				
	1880	50	0	20	3.27	-6.838	-0.0036	-2.5 to 2.5	Pass	
					3.85	-9.542	-0.0051	-2.5 to 2.5	Pass	
					4.43	-5.636	-0.0030	-2.5 to 2.5	Pass	

				-30	3.85	-9.699	-0.0052	-2.5 to 2.5	Pass
				-20	3.85	-4.377	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-8.368	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-6.466	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-9.570	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-9.584	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-4.678	-0.0025	-2.5 to 2.5	Pass
	50	3.85	-6.838	-0.0036	-2.5 to 2.5	Pass			
	1905	50	0	20	3.27	-7.138	-0.0037	-2.5 to 2.5	Pass
					3.85	-6.652	-0.0035	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-5.693	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-9.570	-0.0050	-2.5 to 2.5	Pass
0				3.85	-7.052	-0.0037	-2.5 to 2.5	Pass	
10	3.85	-9.241	-0.0049	-2.5 to 2.5	Pass				
30	3.85	-7.224	-0.0038	-2.5 to 2.5	Pass				
40	3.85	-6.423	-0.0034	-2.5 to 2.5	Pass				
50	3.85	-4.935	-0.0026	-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	-4.721	-0.0025	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0031	-2.5 to 2.5	Pass
					4.43	-1.273	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-3.076	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-0.815	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-3.934	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.838	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-0.958	-0.0005	-2.5 to 2.5	Pass
	50	3.85	0.343	0.0002	-2.5 to 2.5	Pass			
	1880	75	0	20	3.27	-4.306	-0.0023	-2.5 to 2.5	Pass
					3.85	-10.443	-0.0056	-2.5 to 2.5	Pass
					4.43	-4.492	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-7.682	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-6.166	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-9.098	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-5.264	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-8.097	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-9.084	-0.0048	-2.5 to 2.5	Pass
	50	3.85	-7.811	-0.0042	-2.5 to 2.5	Pass			
	1902.5	75	0	20	3.27	-3.734	-0.0020	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0024	-2.5 to 2.5	Pass
					4.43	-7.982	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-7.553	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-2.389	-0.0013	-2.5 to 2.5	Pass
-10				3.85	-2.789	-0.0015	-2.5 to 2.5	Pass	
0				3.85	-0.687	-0.0004	-2.5 to 2.5	Pass	
10				3.85	-3.891	-0.0020	-2.5 to 2.5	Pass	
30	3.85	-9.756	-0.0051	-2.5 to 2.5	Pass				
40	3.85	-1.130	-0.0006	-2.5 to 2.5	Pass				

16QAM	1857.5	75	0	50	3.85	-3.219	-0.0017	-2.5 to 2.5	Pass	
					3.27	-4.706	-0.0025	-2.5 to 2.5	Pass	
					3.85	-7.453	-0.0040	-2.5 to 2.5	Pass	
				20	4.43	-0.815	-0.0004	-2.5 to 2.5	Pass	
					-30	3.85	-3.147	-0.0017	-2.5 to 2.5	Pass
					-20	3.85	-3.748	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-4.492	-0.0024	-2.5 to 2.5	Pass	
				0	3.85	-1.702	-0.0009	-2.5 to 2.5	Pass	
				10	3.85	-1.187	-0.0006	-2.5 to 2.5	Pass	
				30	3.85	-8.297	-0.0045	-2.5 to 2.5	Pass	
	40	3.85	-6.065	-0.0033	-2.5 to 2.5	Pass				
	50	3.85	-1.817	-0.0010	-2.5 to 2.5	Pass				
	1880	75	0	20	3.27	-4.435	-0.0024	-2.5 to 2.5	Pass	
					3.85	-1.988	-0.0011	-2.5 to 2.5	Pass	
					4.43	-5.322	-0.0028	-2.5 to 2.5	Pass	
				-30	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass	
				-20	3.85	-6.409	-0.0034	-2.5 to 2.5	Pass	
				-10	3.85	-2.360	-0.0013	-2.5 to 2.5	Pass	
				0	3.85	-7.997	-0.0043	-2.5 to 2.5	Pass	
				10	3.85	-8.597	-0.0046	-2.5 to 2.5	Pass	
				30	3.85	-9.069	-0.0048	-2.5 to 2.5	Pass	
				40	3.85	-3.676	-0.0020	-2.5 to 2.5	Pass	
	50	3.85	-5.279	-0.0028	-2.5 to 2.5	Pass				
	1902.5	75	0	20	3.27	-8.755	-0.0046	-2.5 to 2.5	Pass	
					3.85	-0.315	-0.0002	-2.5 to 2.5	Pass	
					4.43	-6.309	-0.0033	-2.5 to 2.5	Pass	
				-30	3.85	-8.268	-0.0043	-2.5 to 2.5	Pass	
				-20	3.85	-10.028	-0.0053	-2.5 to 2.5	Pass	
				-10	3.85	-5.522	-0.0029	-2.5 to 2.5	Pass	
				0	3.85	-4.835	-0.0025	-2.5 to 2.5	Pass	
10				3.85	-2.103	-0.0011	-2.5 to 2.5	Pass		
30				3.85	1.602	0.0008	-2.5 to 2.5	Pass		
40				3.85	-2.418	-0.0013	-2.5 to 2.5	Pass		
50	3.85	-5.565	-0.0029	-2.5 to 2.5	Pass					

2.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1860	100	0	20	3.27	-4.478	-0.0024	-2.5 to 2.5	Pass
					3.85	-3.676	-0.0020	-2.5 to 2.5	Pass
					4.43	-2.546	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-7.024	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-4.334	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.237	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-8.368	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-7.768	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.433	-0.0018	-2.5 to 2.5	Pass
	50	3.85	-1.760	-0.0009	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	-8.368	-0.0045	-2.5 to 2.5	Pass
					3.85	-8.740	-0.0046	-2.5 to 2.5	Pass
					4.43	-8.240	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-1.402	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-6.723	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-8.254	-0.0044	-2.5 to 2.5	Pass

				0	3.85	-2.546	-0.0014	-2.5 to 2.5	Pass				
				10	3.85	-2.503	-0.0013	-2.5 to 2.5	Pass				
				30	3.85	-5.450	-0.0029	-2.5 to 2.5	Pass				
				40	3.85	-8.183	-0.0044	-2.5 to 2.5	Pass				
				50	3.85	-6.580	-0.0035	-2.5 to 2.5	Pass				
	1900	100	0	20	3.27	-7.982	-0.0042	-2.5 to 2.5	Pass				
					3.85	-2.732	-0.0014	-2.5 to 2.5	Pass				
					4.43	-7.796	-0.0041	-2.5 to 2.5	Pass				
				-30	3.85	-9.112	-0.0048	-2.5 to 2.5	Pass				
				-20	3.85	-1.116	-0.0006	-2.5 to 2.5	Pass				
				-10	3.85	-3.247	-0.0017	-2.5 to 2.5	Pass				
				0	3.85	-10.400	-0.0055	-2.5 to 2.5	Pass				
				10	3.85	-5.822	-0.0031	-2.5 to 2.5	Pass				
				30	3.85	-6.223	-0.0033	-2.5 to 2.5	Pass				
				40	3.85	-1.588	-0.0008	-2.5 to 2.5	Pass				
				50	3.85	-4.435	-0.0023	-2.5 to 2.5	Pass				
				16QAM	1860	100	0	20	3.27	-4.435	-0.0024	-2.5 to 2.5	Pass
									3.85	-5.865	-0.0032	-2.5 to 2.5	Pass
									4.43	0.415	0.0002	-2.5 to 2.5	Pass
								-30	3.85	-3.233	-0.0017	-2.5 to 2.5	Pass
-20	3.85	-3.848	-0.0021					-2.5 to 2.5	Pass				
-10	3.85	1.431	0.0008					-2.5 to 2.5	Pass				
0	3.85	-3.934	-0.0021					-2.5 to 2.5	Pass				
10	3.85	0.372	0.0002					-2.5 to 2.5	Pass				
30	3.85	-4.392	-0.0024					-2.5 to 2.5	Pass				
40	3.85	-2.103	-0.0011					-2.5 to 2.5	Pass				
50	3.85	-3.018	-0.0016		-2.5 to 2.5	Pass							
1880	100	0	20		3.27	-4.749	-0.0025	-2.5 to 2.5	Pass				
					3.85	-12.460	-0.0066	-2.5 to 2.5	Pass				
					4.43	-2.103	-0.0011	-2.5 to 2.5	Pass				
			-30		3.85	-6.251	-0.0033	-2.5 to 2.5	Pass				
			-20		3.85	-12.617	-0.0067	-2.5 to 2.5	Pass				
			-10		3.85	-4.950	-0.0026	-2.5 to 2.5	Pass				
			0		3.85	-2.418	-0.0013	-2.5 to 2.5	Pass				
			10		3.85	-2.661	-0.0014	-2.5 to 2.5	Pass				
			30		3.85	-6.080	-0.0032	-2.5 to 2.5	Pass				
			40	3.85	-4.835	-0.0026	-2.5 to 2.5	Pass					
50	3.85	-2.375	-0.0013	-2.5 to 2.5	Pass								
1900	100	0	20	3.27	-5.765	-0.0030	-2.5 to 2.5	Pass					
				3.85	-5.980	-0.0031	-2.5 to 2.5	Pass					
				4.43	-6.638	-0.0035	-2.5 to 2.5	Pass					
			-30	3.85	-5.922	-0.0031	-2.5 to 2.5	Pass					
			-20	3.85	-4.063	-0.0021	-2.5 to 2.5	Pass					
			-10	3.85	-7.310	-0.0038	-2.5 to 2.5	Pass					
			0	3.85	-1.745	-0.0009	-2.5 to 2.5	Pass					
			10	3.85	-7.939	-0.0042	-2.5 to 2.5	Pass					
			30	3.85	-9.298	-0.0049	-2.5 to 2.5	Pass					
			40	3.85	-6.852	-0.0036	-2.5 to 2.5	Pass					
50	3.85	-3.576	-0.0019	-2.5 to 2.5	Pass								

3. Modulation Characteristics

3.1 Test Result

3.1.1 B2_1.4MHz

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

3.1.2 B2_3MHz

Band: 2 / Bandwidth: 3MHz / NTV						
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 / NTV						
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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	50	0	Refer To Test Graph		Pass
16QAM	1880	50	0	Refer To Test Graph		Pass

3.1.5 B2_15MHz

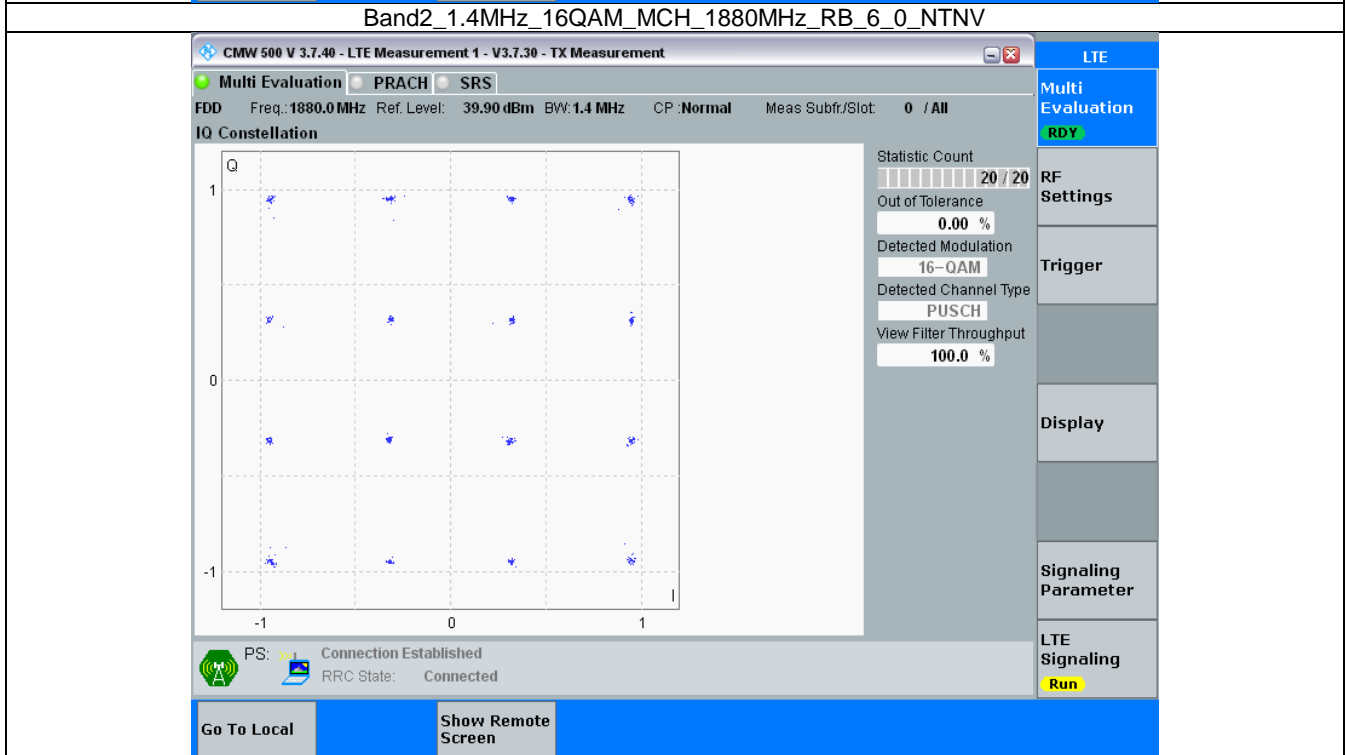
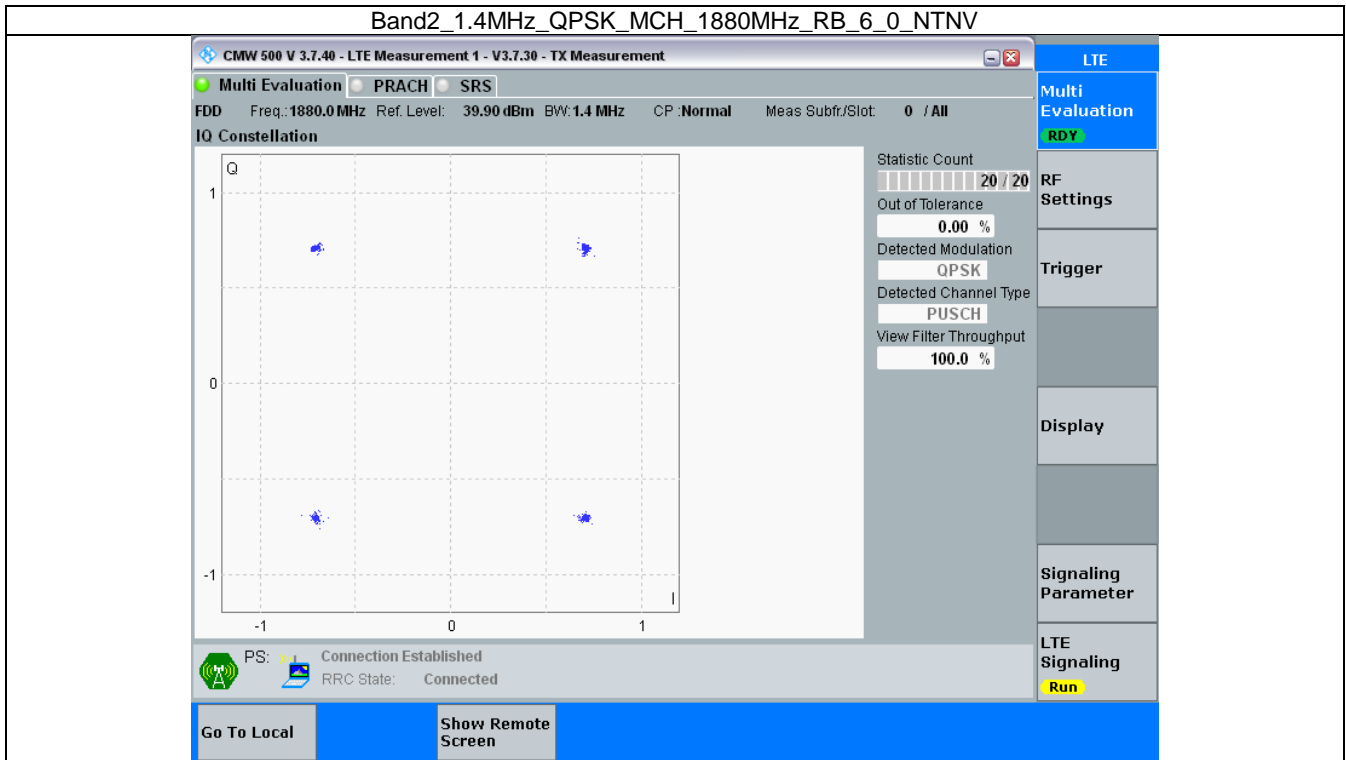
Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	75	0	Refer To Test Graph		Pass
16QAM	1880	75	0	Refer To Test Graph		Pass

3.1.6 B2_20MHz

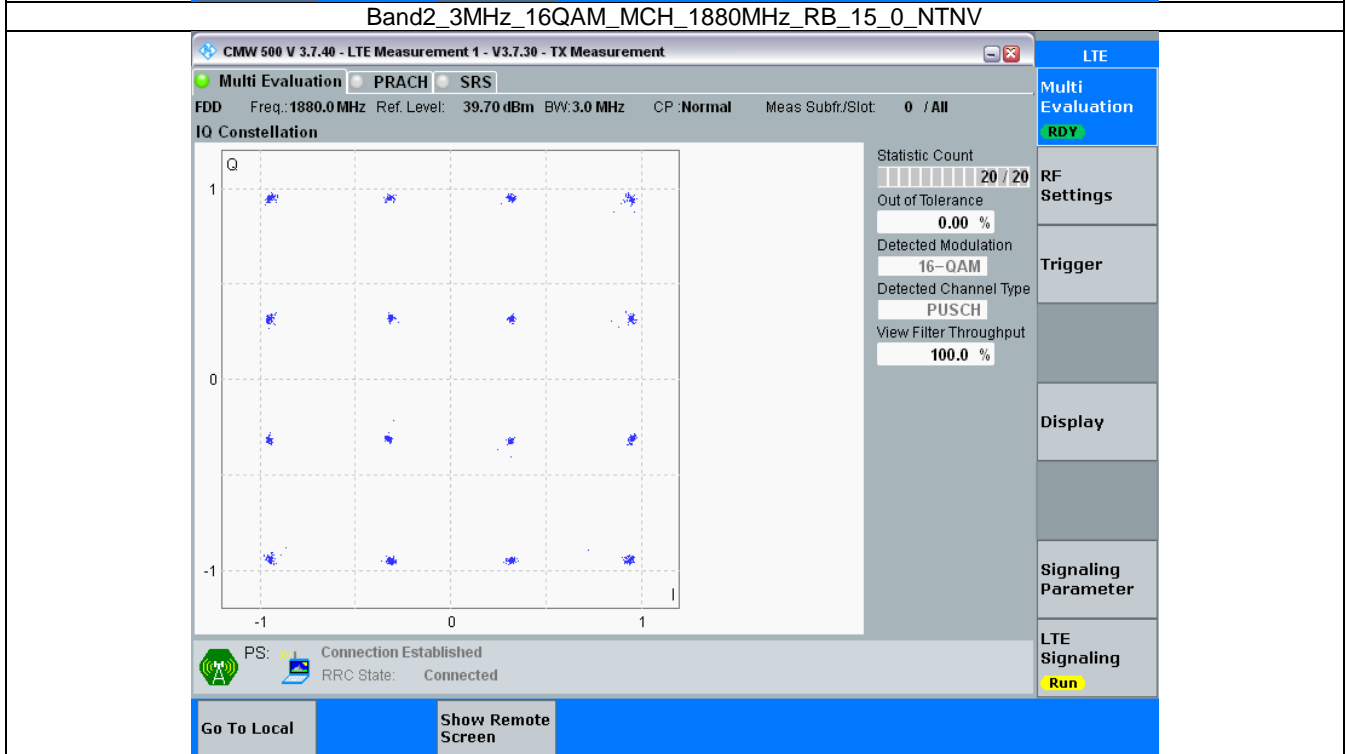
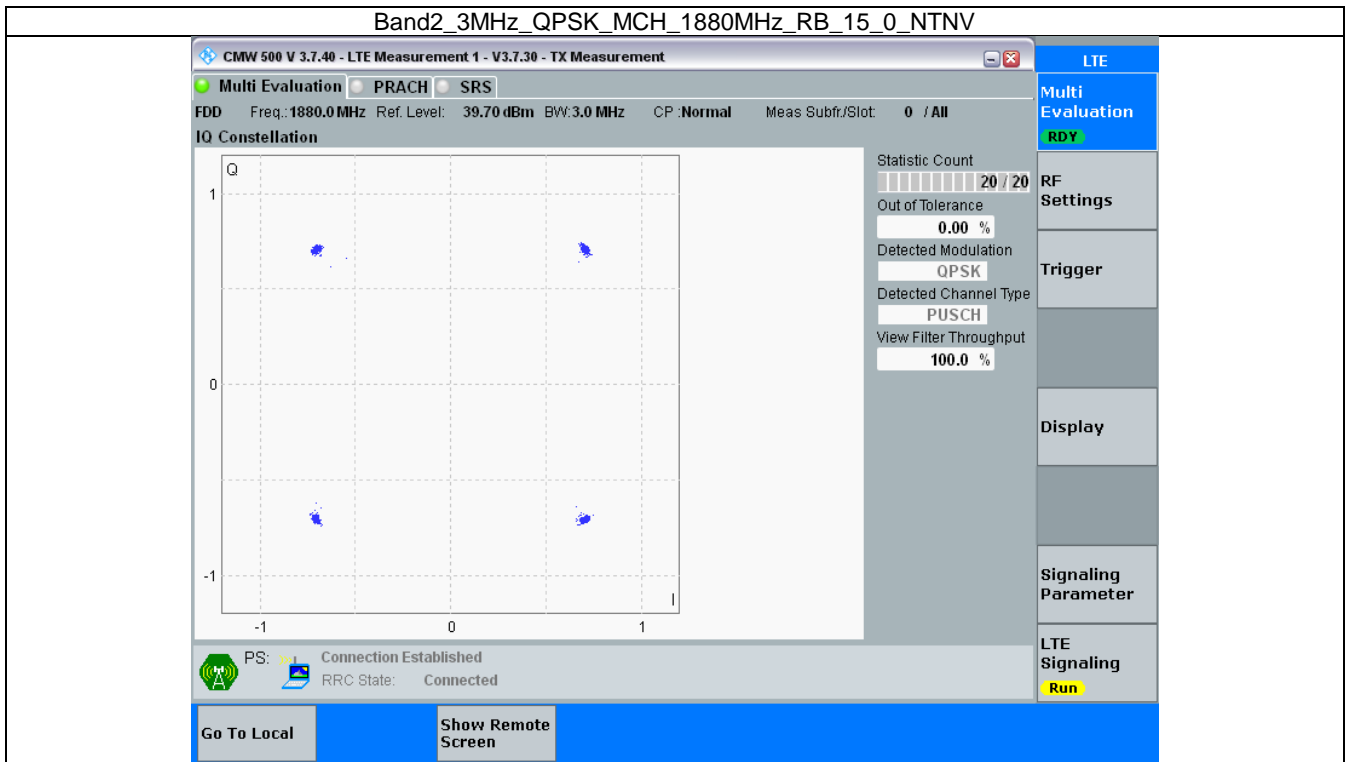
Band: 2 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1880	100	0	Refer To Test Graph		Pass
16QAM	1880	100	0	Refer To Test Graph		Pass

3.2 Test Graph

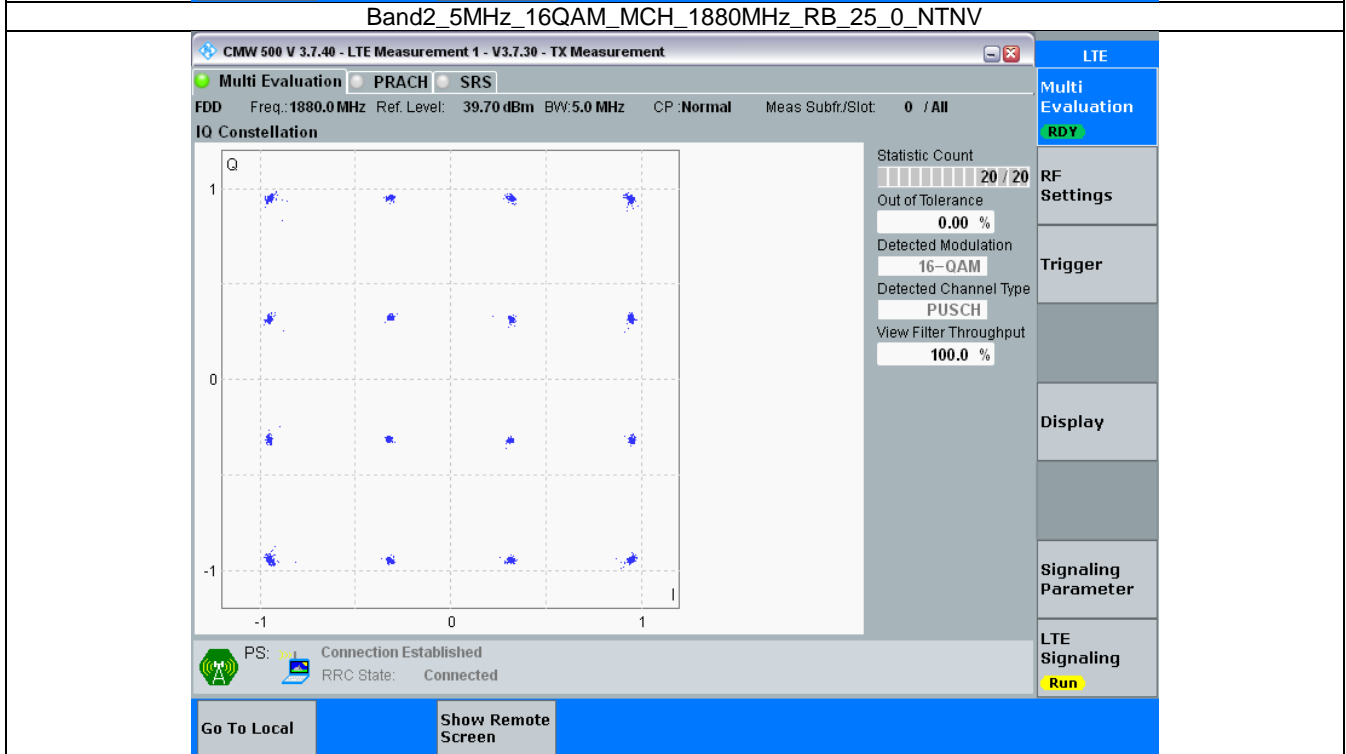
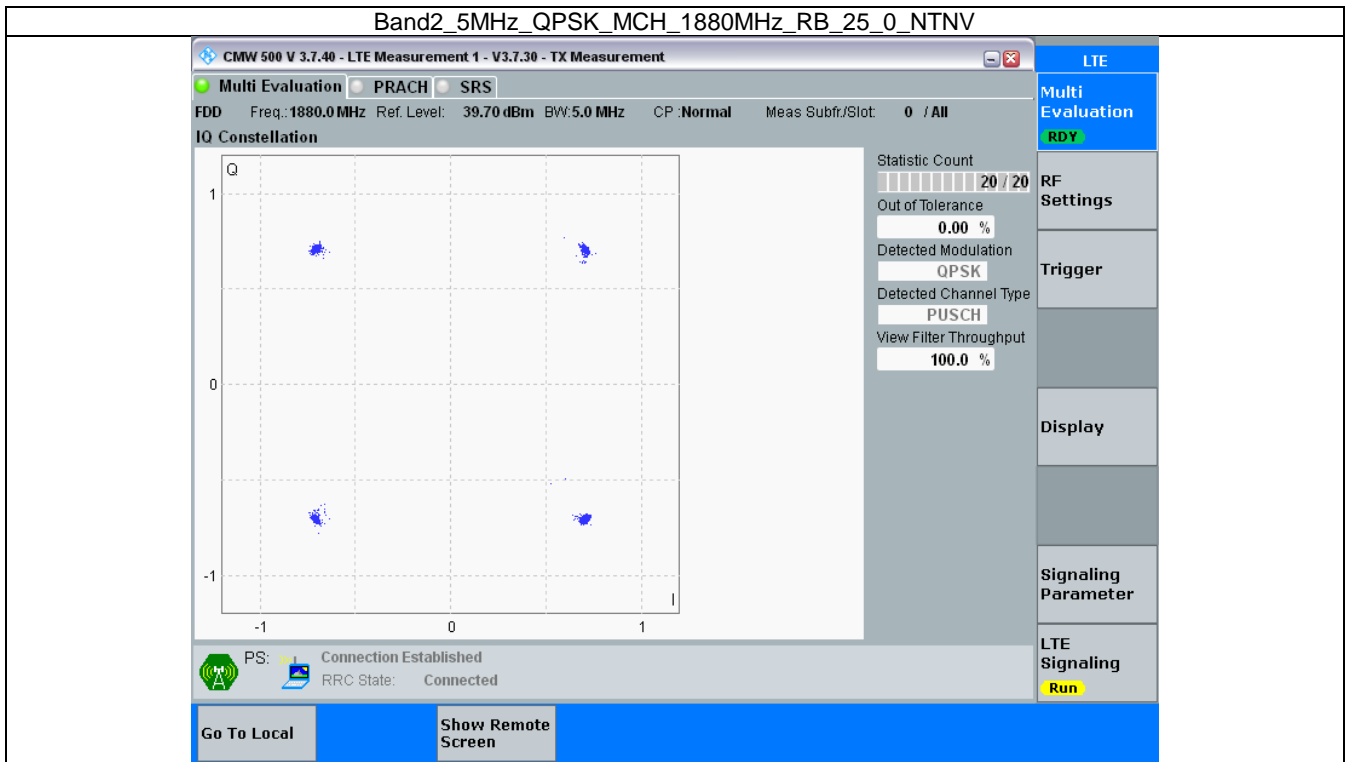
3.2.1 B2_1.4MHz



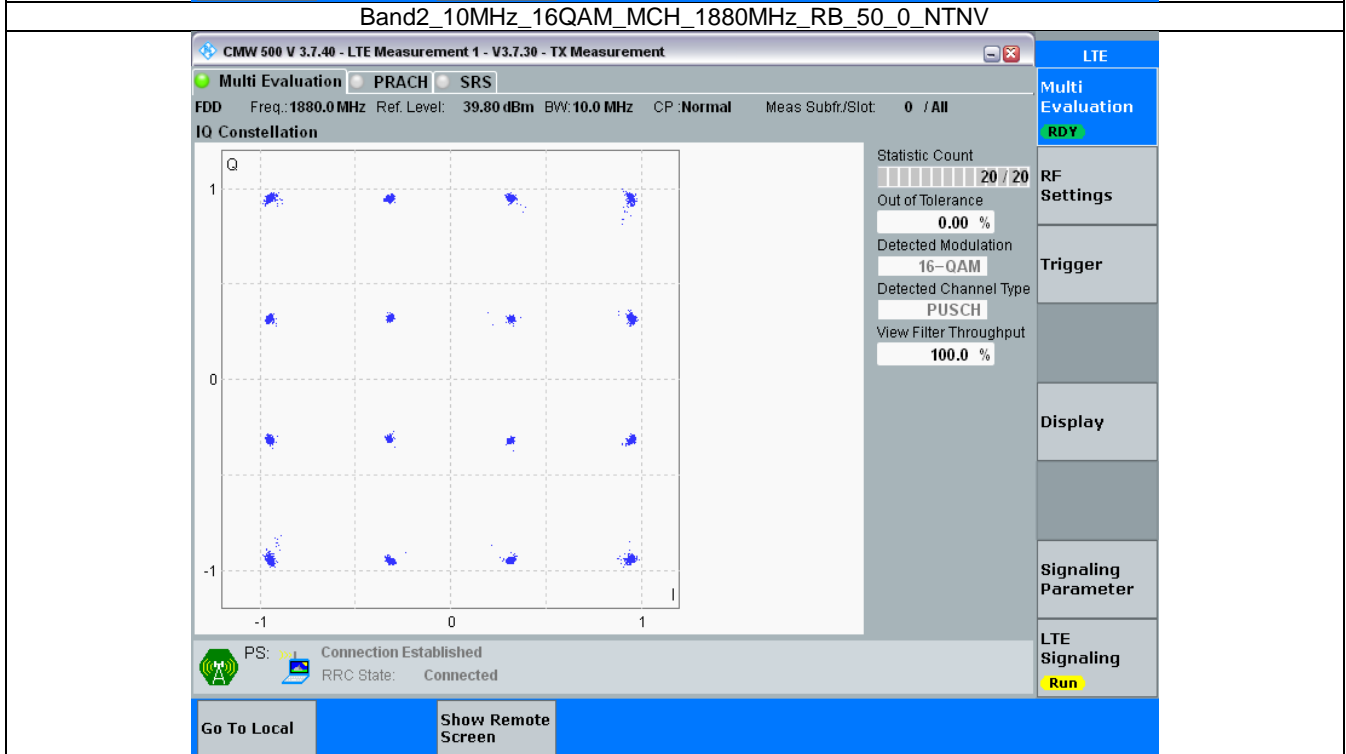
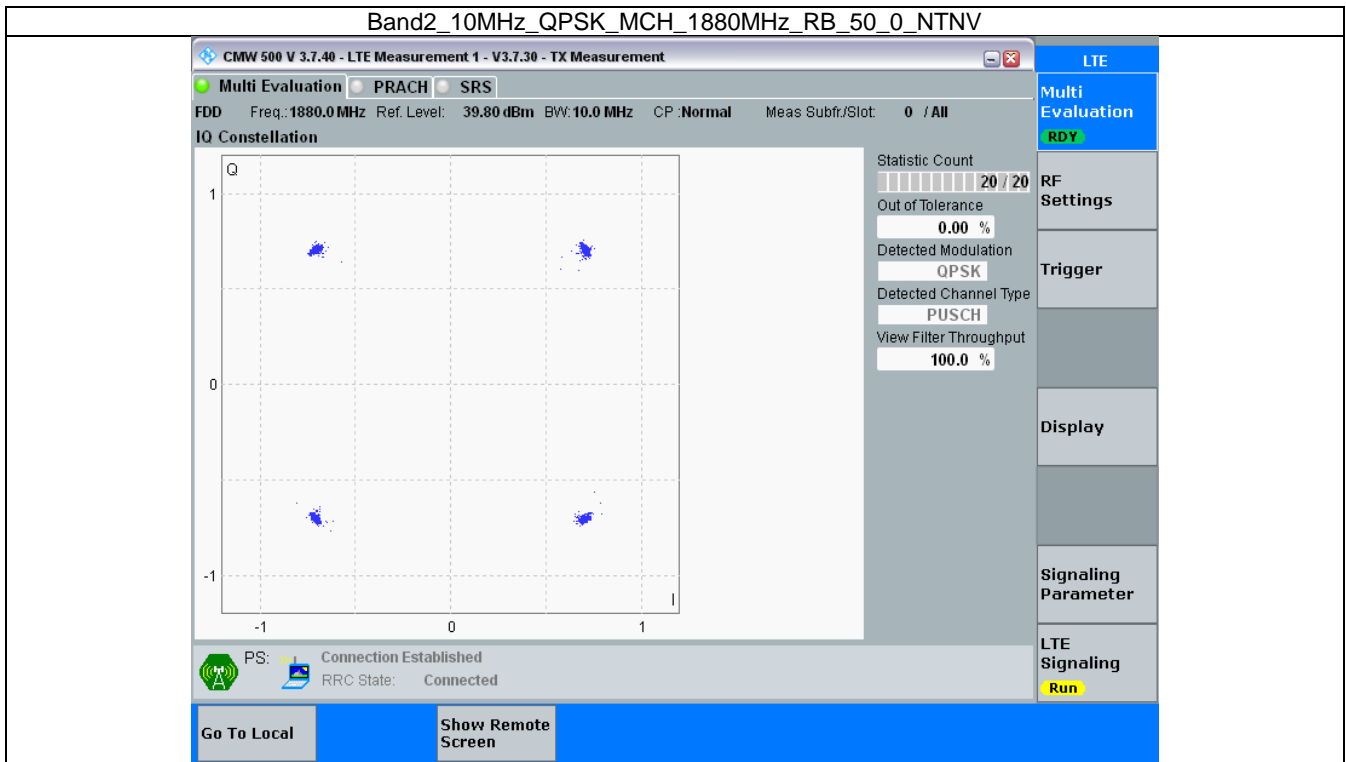
3.2.2 B2_3MHz



3.2.3 B2_5MHz



3.2.4 B2_10MHz



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: 39.70 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

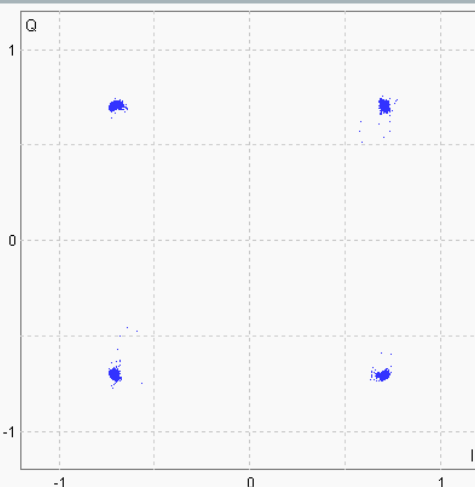
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling Run



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: 39.70 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

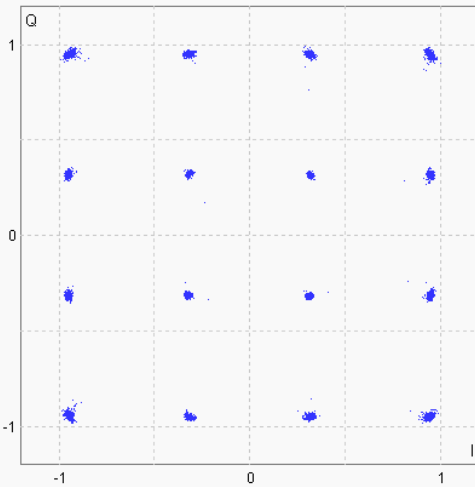
RF Settings

Trigger

Display

Signaling Parameter

LTE Signaling Run



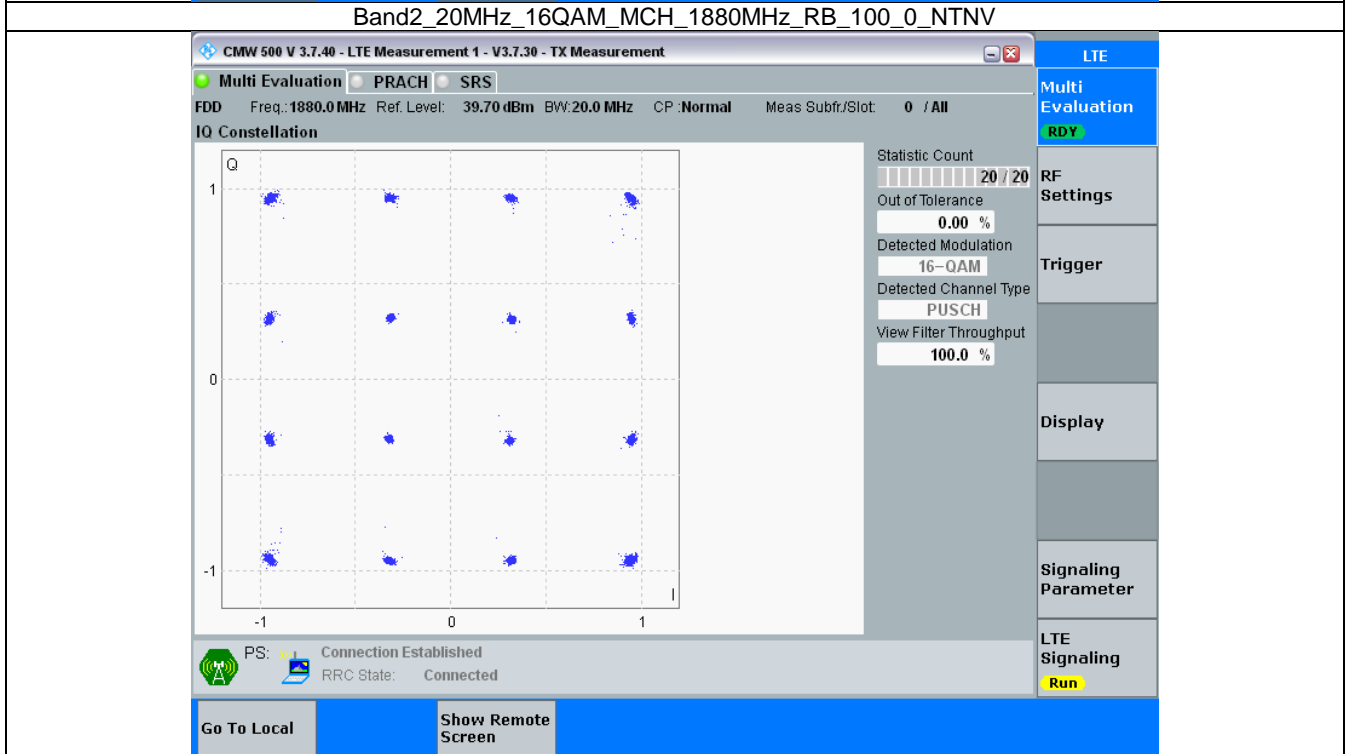
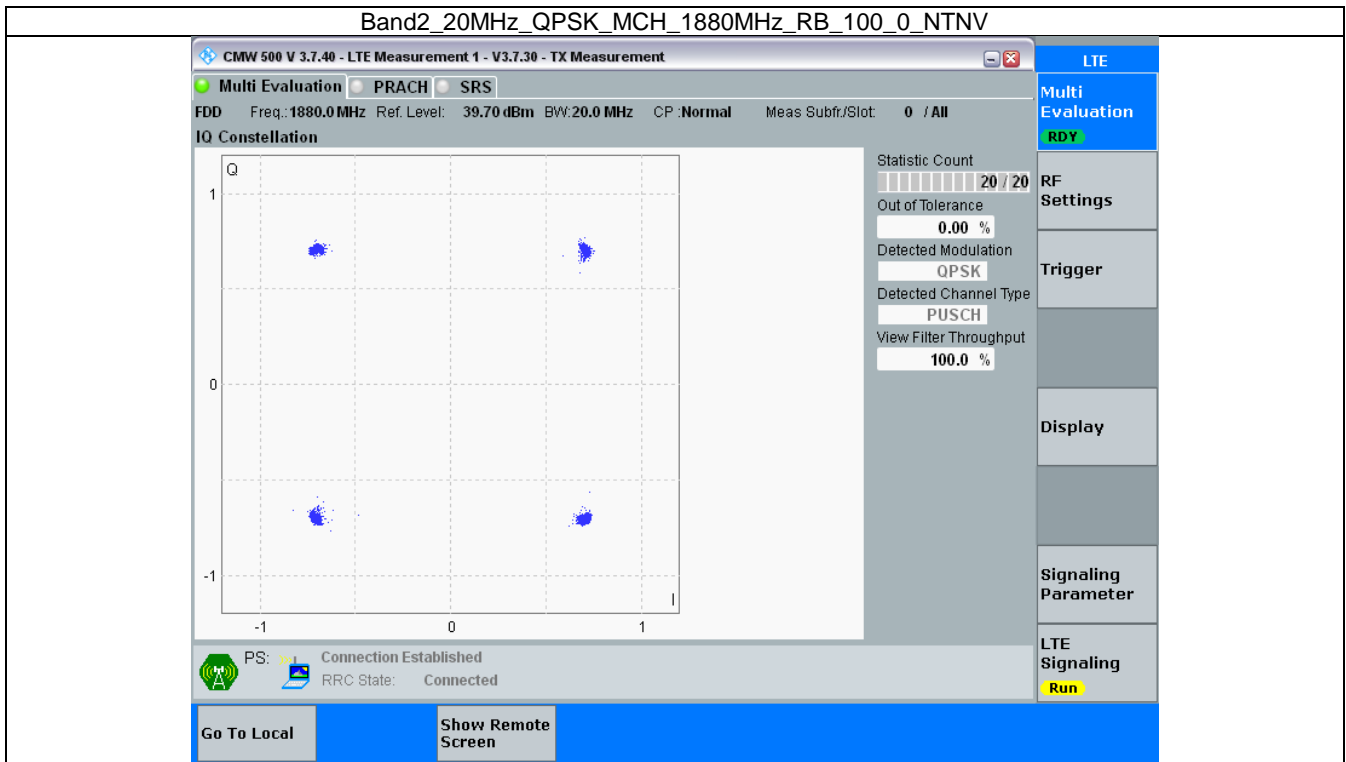
PS: Connection Established

RRC State: Connected

Go To Local

Show Remote Screen

3.2.6 B2_20MHz



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	1.109	/	Pass
		1909.3	6	0	1.112	/	Pass
	16QAM	1850.7	6	0	1.112	/	Pass
		1880	6	0	1.111	/	Pass
		1909.3	6	0	1.113	/	Pass
3	QPSK	1851.5	15	0	2.727	/	Pass
		1880	15	0	2.728	/	Pass
		1908.5	15	0	2.731	/	Pass
	16QAM	1851.5	15	0	2.727	/	Pass
		1880	15	0	2.727	/	Pass
		1908.5	15	0	2.713	/	Pass
5	QPSK	1852.5	25	0	4.531	/	Pass
		1880	25	0	4.534	/	Pass
		1907.5	25	0	4.547	/	Pass
	16QAM	1852.5	25	0	4.540	/	Pass
		1880	25	0	4.550	/	Pass
		1907.5	25	0	4.528	/	Pass
10	QPSK	1855	50	0	9.081	/	Pass
		1880	50	0	9.051	/	Pass
		1905	50	0	9.058	/	Pass
	16QAM	1855	50	0	9.047	/	Pass
		1880	50	0	9.037	/	Pass
		1905	50	0	9.043	/	Pass
15	QPSK	1857.5	75	0	13.570	/	Pass
		1880	75	0	13.556	/	Pass
		1902.5	75	0	13.573	/	Pass
	16QAM	1857.5	75	0	13.566	/	Pass
		1880	75	0	13.541	/	Pass
		1902.5	75	0	13.598	/	Pass
20	QPSK	1860	100	0	18.095	/	Pass
		1880	100	0	18.083	/	Pass
		1900	100	0	18.159	/	Pass
	16QAM	1860	100	0	18.117	/	Pass
		1880	100	0	18.084	/	Pass
		1900	100	0	18.236	/	Pass

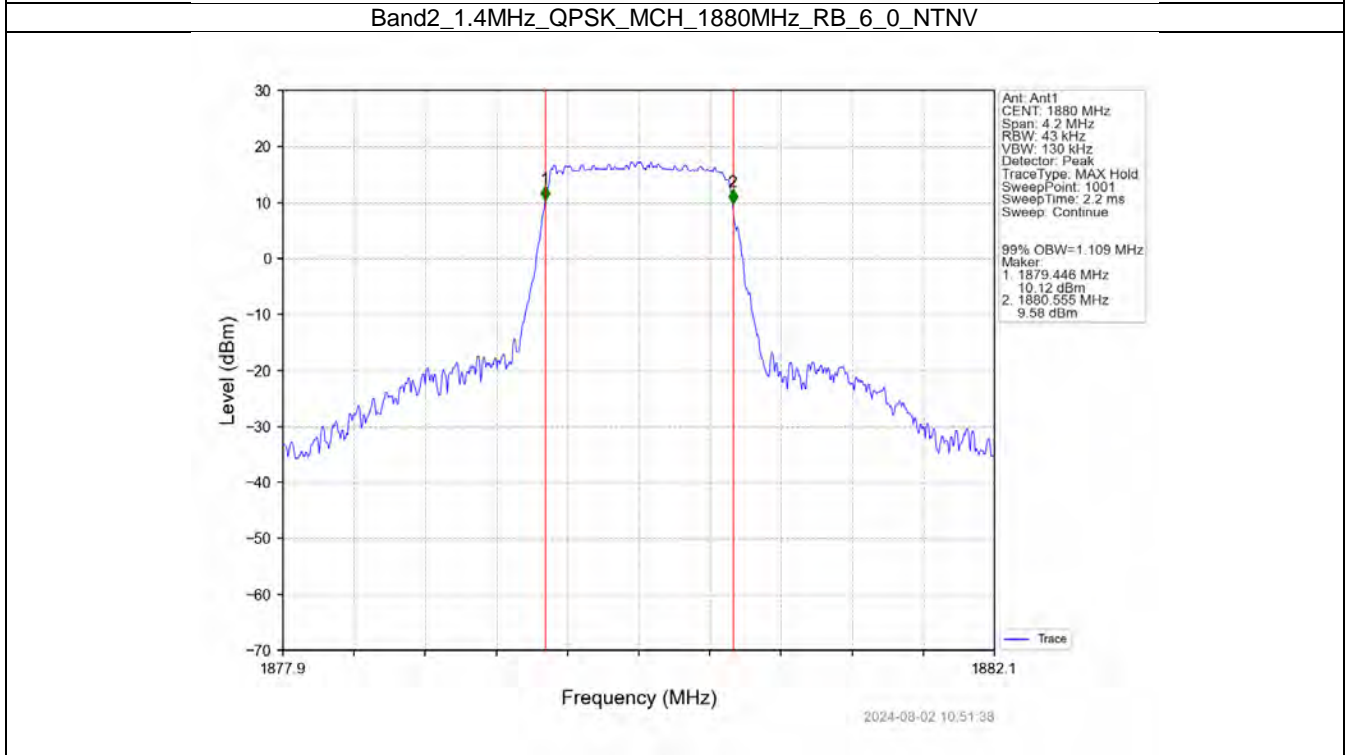
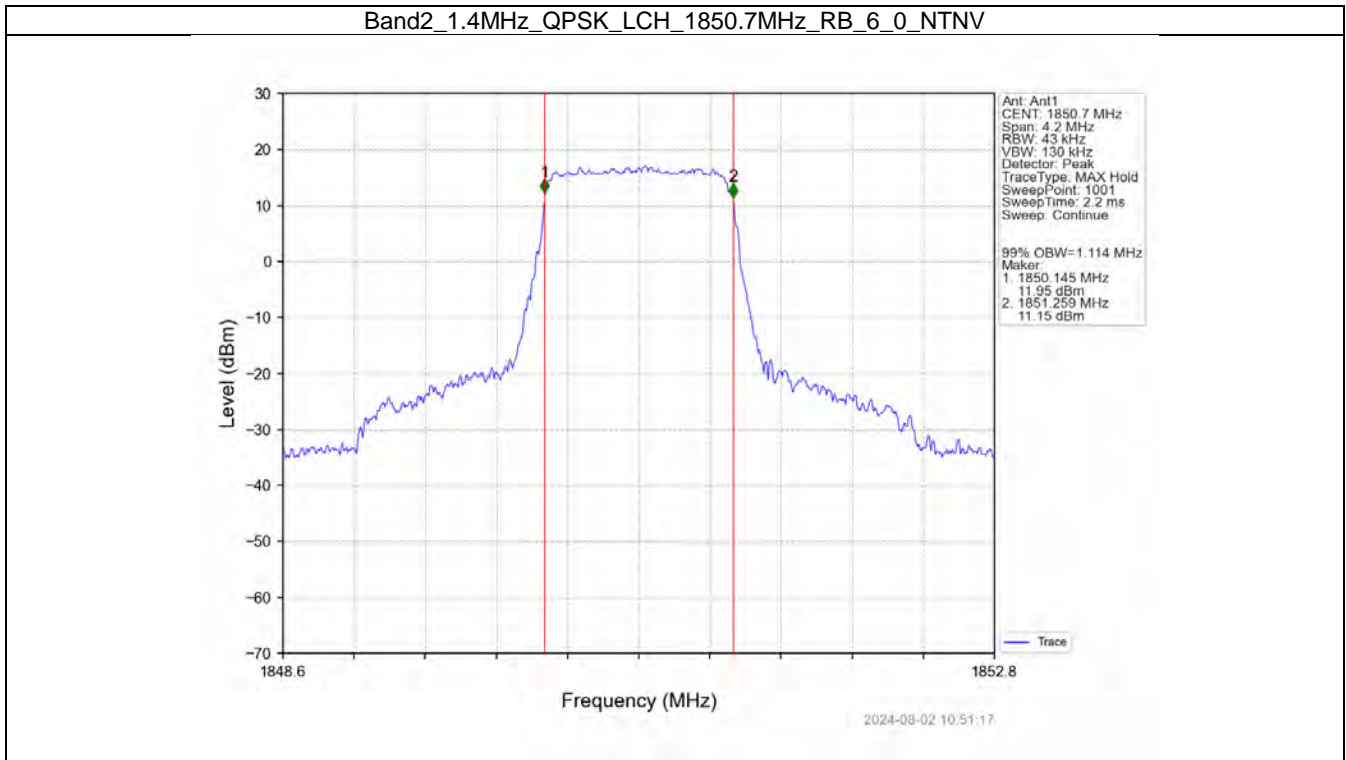
4.1.2 Band2_XDB

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	1.329	/	Pass
		1880	6	0	1.327	/	Pass
		1909.3	6	0	1.318	/	Pass

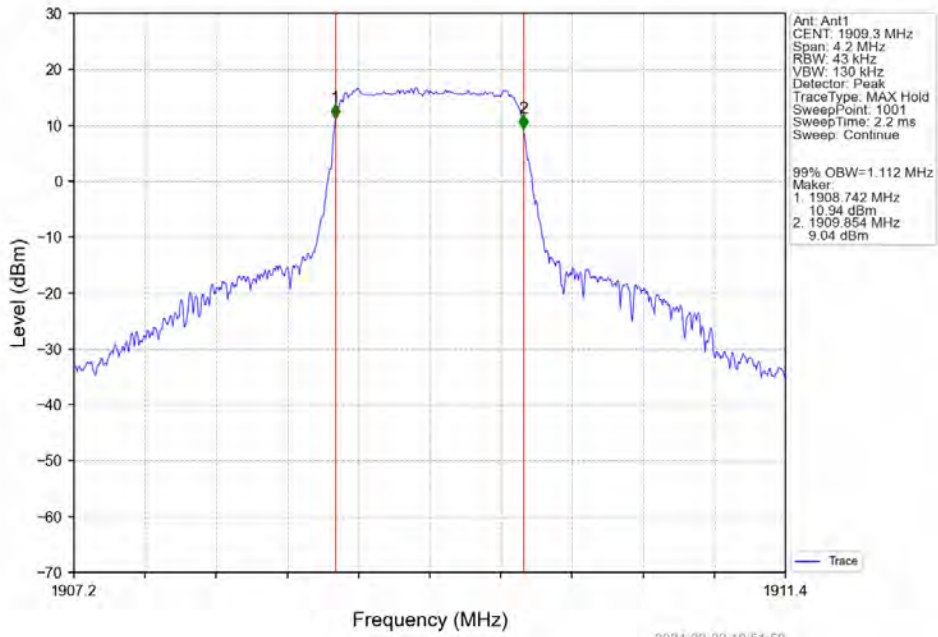
	16QAM	1850.7	6	0	1.336	/	Pass
		1880	6	0	1.293	/	Pass
		1909.3	6	0	1.328	/	Pass
3	QPSK	1851.5	15	0	2.994	/	Pass
		1880	15	0	2.982	/	Pass
		1908.5	15	0	2.991	/	Pass
	16QAM	1851.5	15	0	2.996	/	Pass
		1880	15	0	2.981	/	Pass
		1908.5	15	0	3.017	/	Pass
5	QPSK	1852.5	25	0	5.037	/	Pass
		1880	25	0	5.026	/	Pass
		1907.5	25	0	5.006	/	Pass
	16QAM	1852.5	25	0	5.063	/	Pass
		1880	25	0	5.041	/	Pass
		1907.5	25	0	4.983	/	Pass
10	QPSK	1855	50	0	9.936	/	Pass
		1880	50	0	9.930	/	Pass
		1905	50	0	10.011	/	Pass
	16QAM	1855	50	0	9.961	/	Pass
		1880	50	0	9.969	/	Pass
		1905	50	0	9.906	/	Pass
15	QPSK	1857.5	75	0	14.825	/	Pass
		1880	75	0	14.852	/	Pass
		1902.5	75	0	14.989	/	Pass
	16QAM	1857.5	75	0	14.850	/	Pass
		1880	75	0	14.973	/	Pass
		1902.5	75	0	14.828	/	Pass
20	QPSK	1860	100	0	19.800	/	Pass
		1880	100	0	19.794	/	Pass
		1900	100	0	19.609	/	Pass
	16QAM	1860	100	0	19.619	/	Pass
		1880	100	0	19.688	/	Pass
		1900	100	0	19.780	/	Pass

4.2 Test Graph

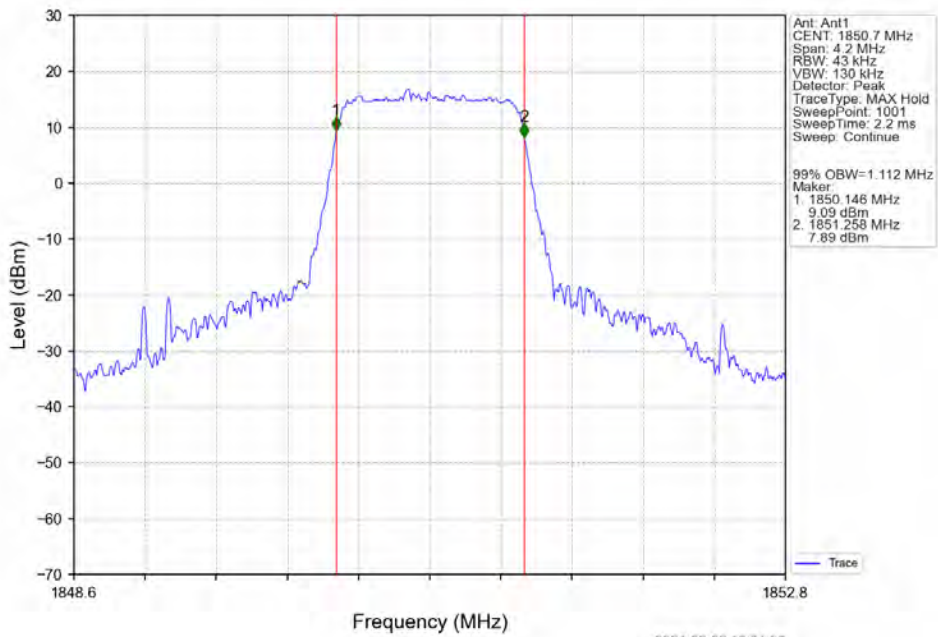
4.2.1 Band2_OBW



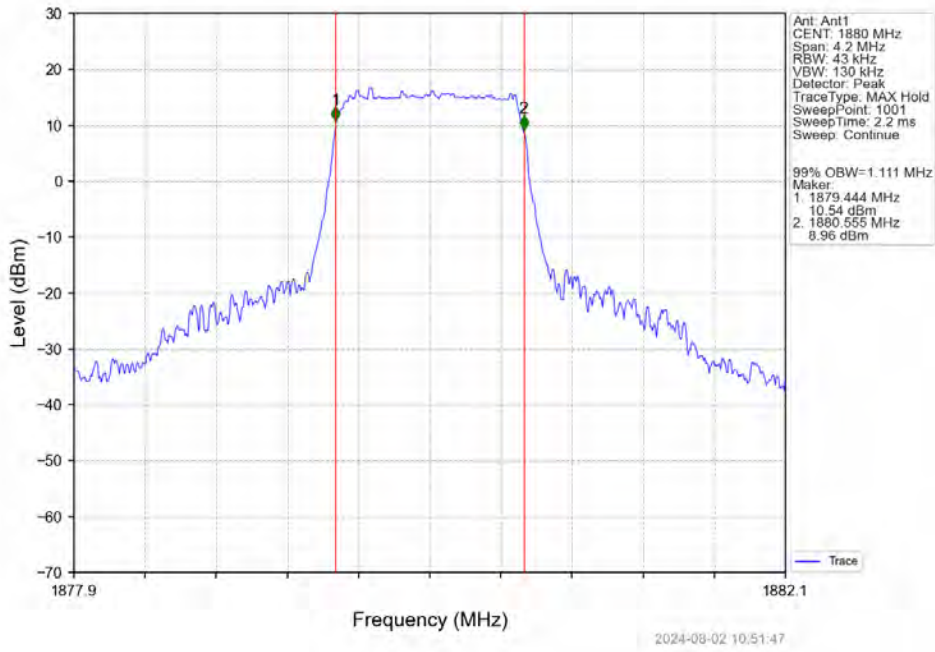
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



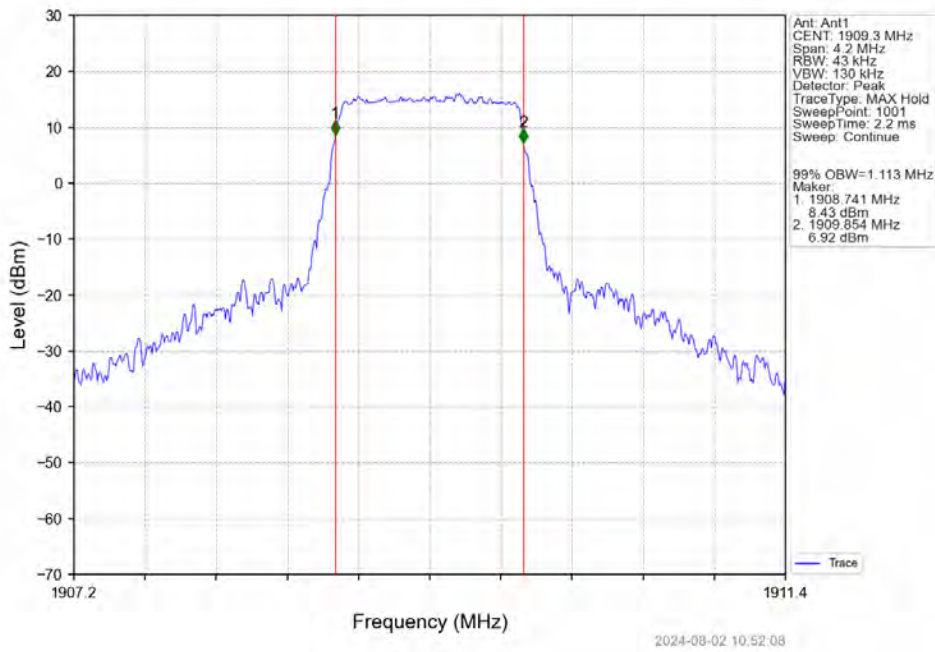
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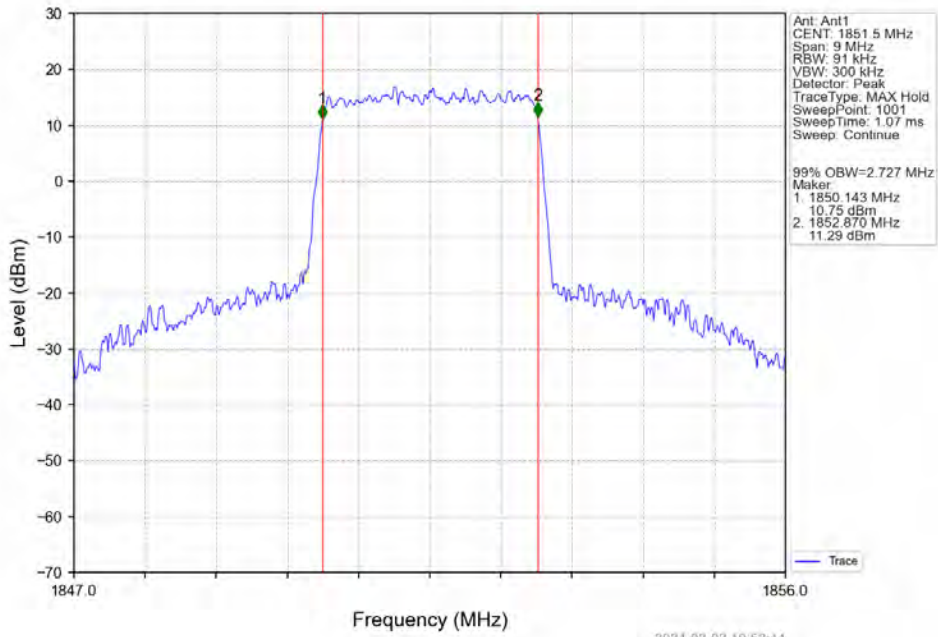
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



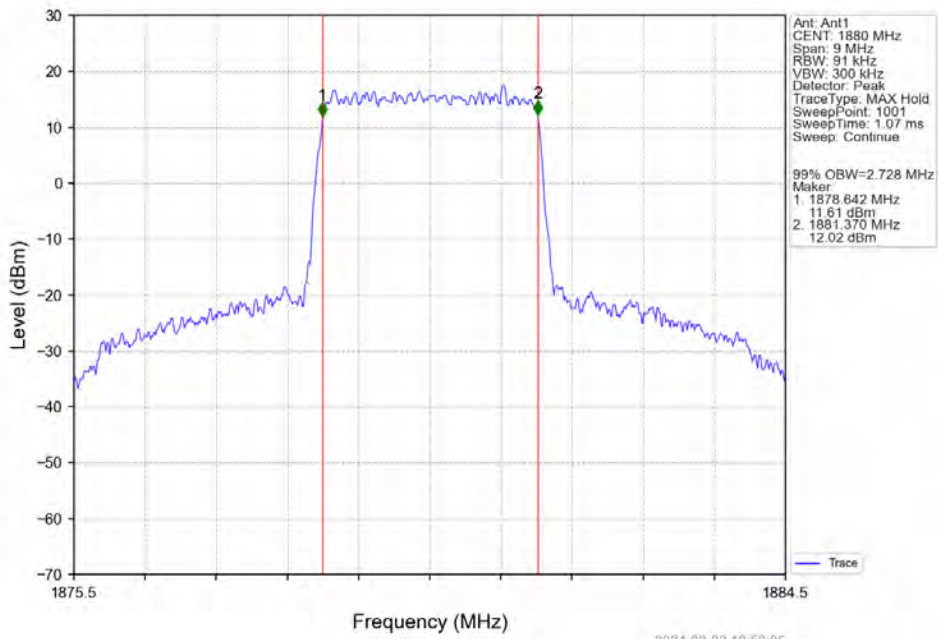
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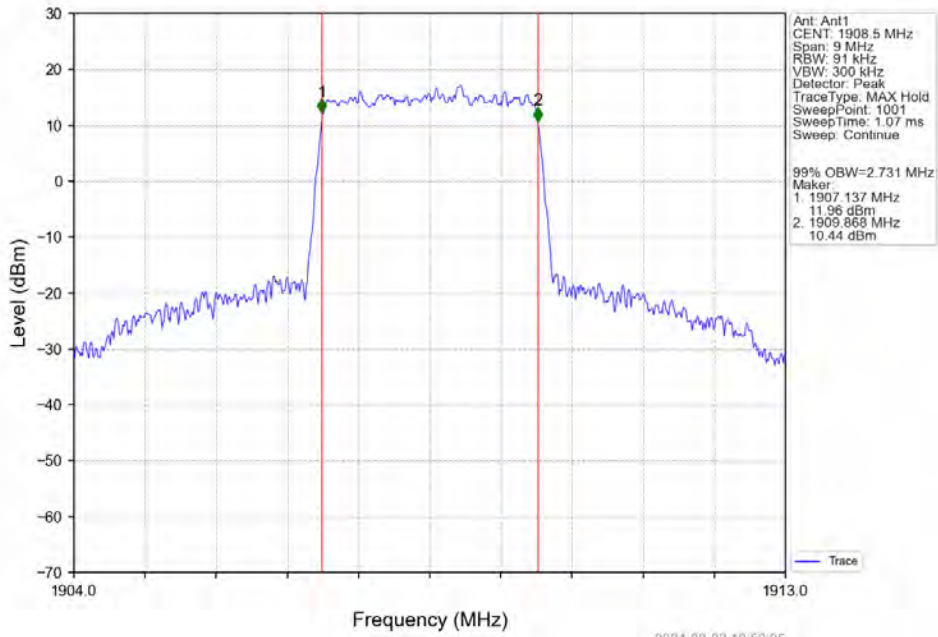
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



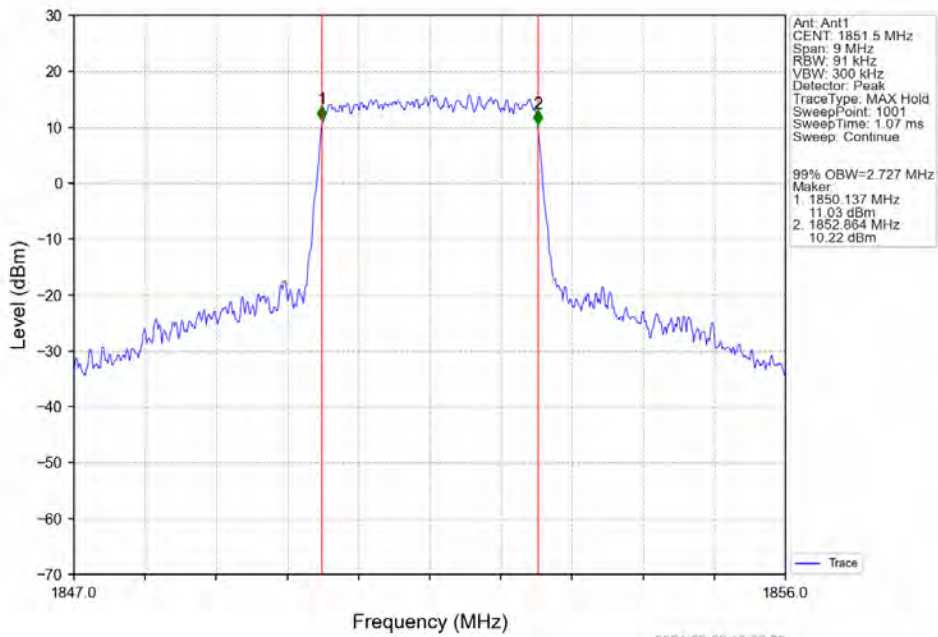
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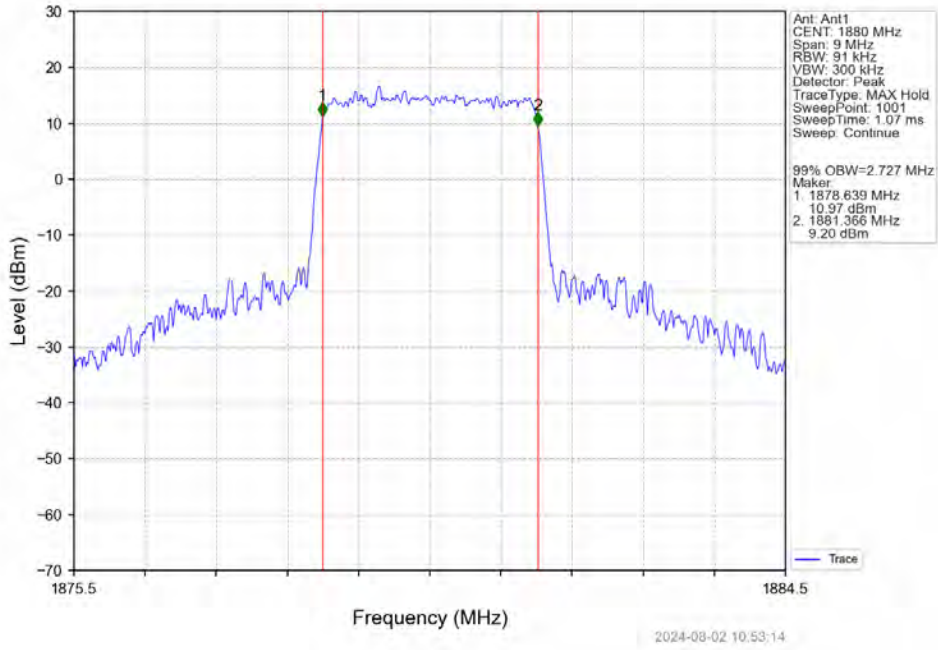
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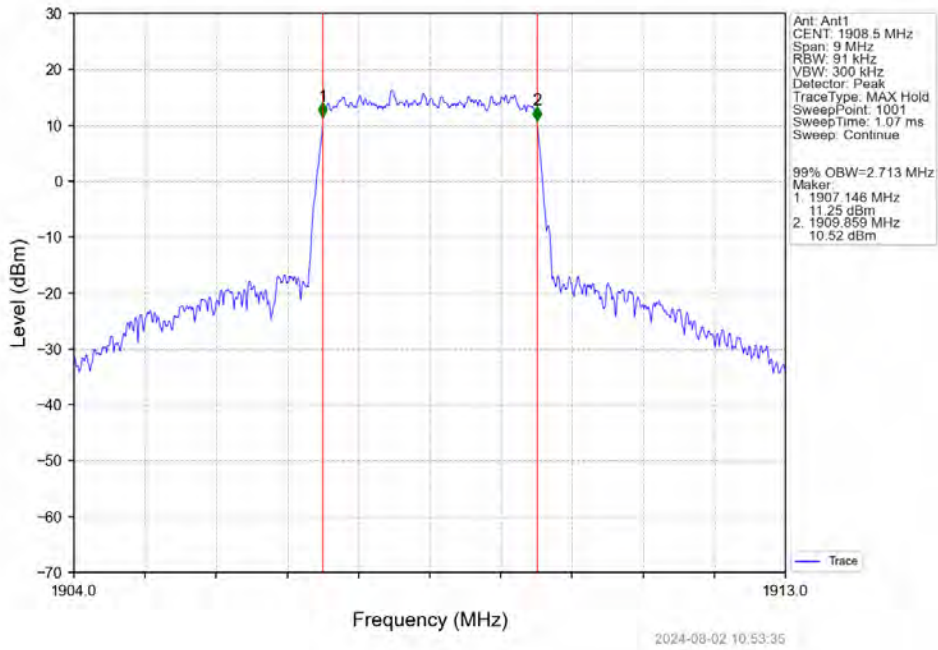
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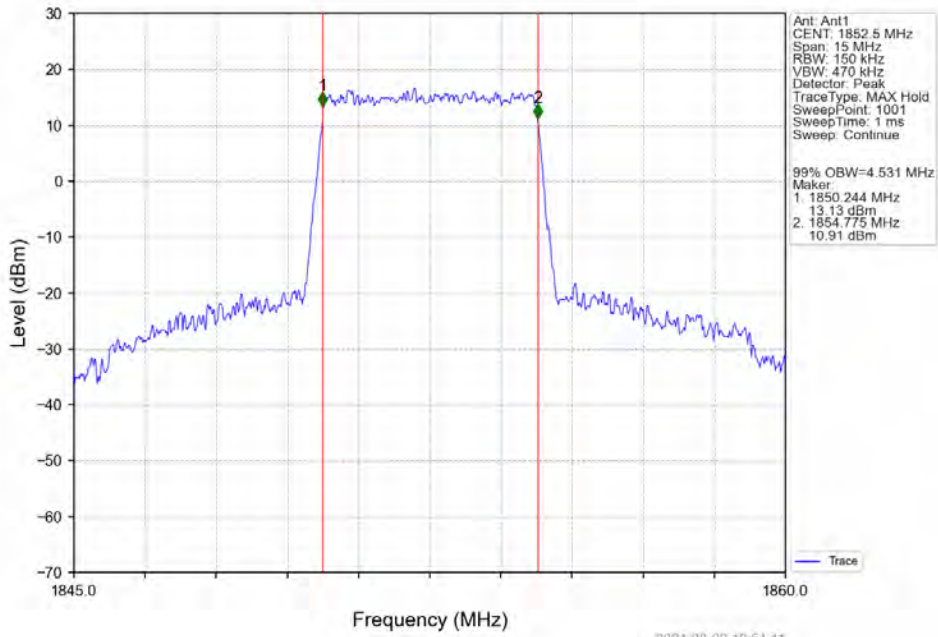
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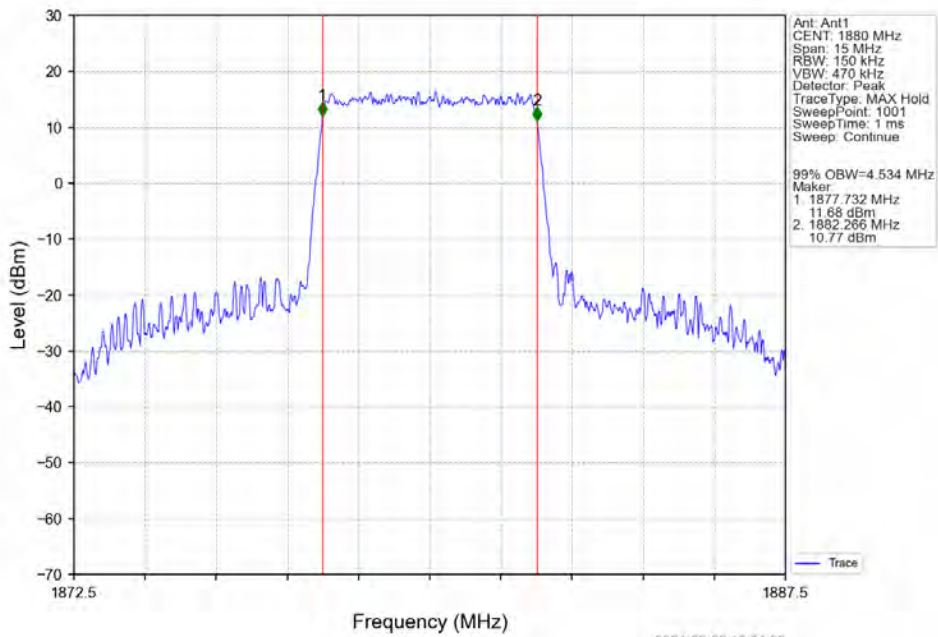
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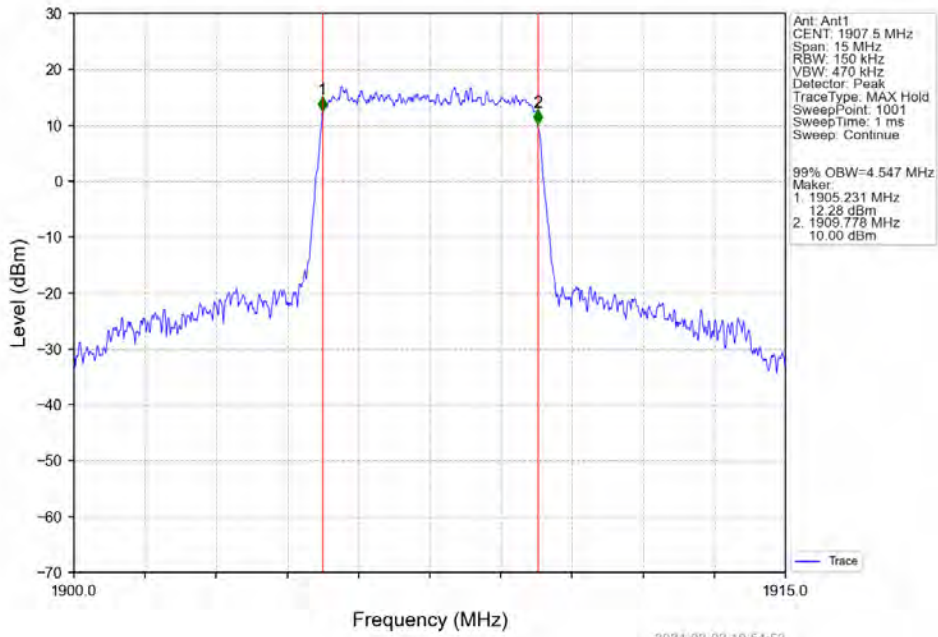
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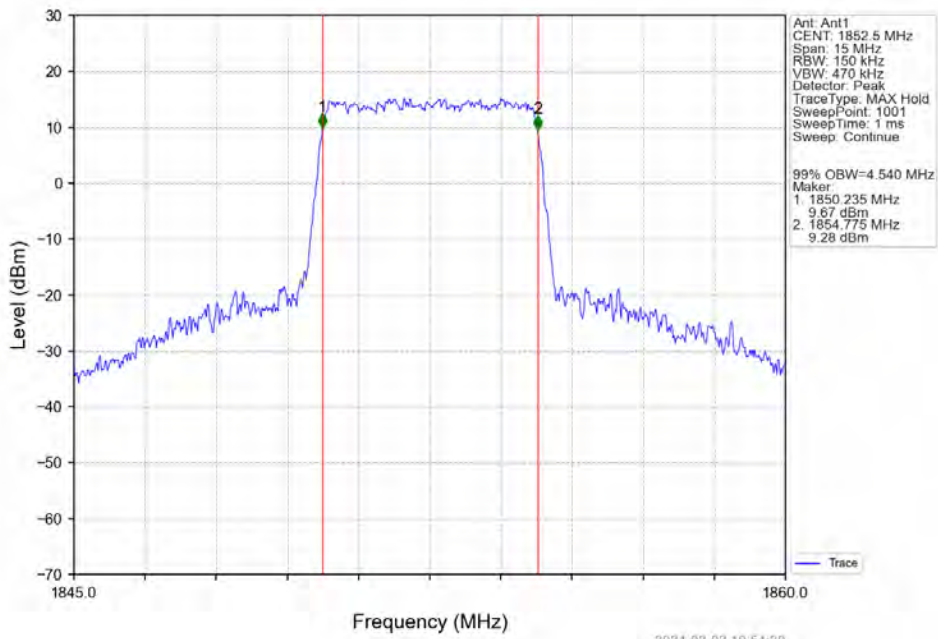
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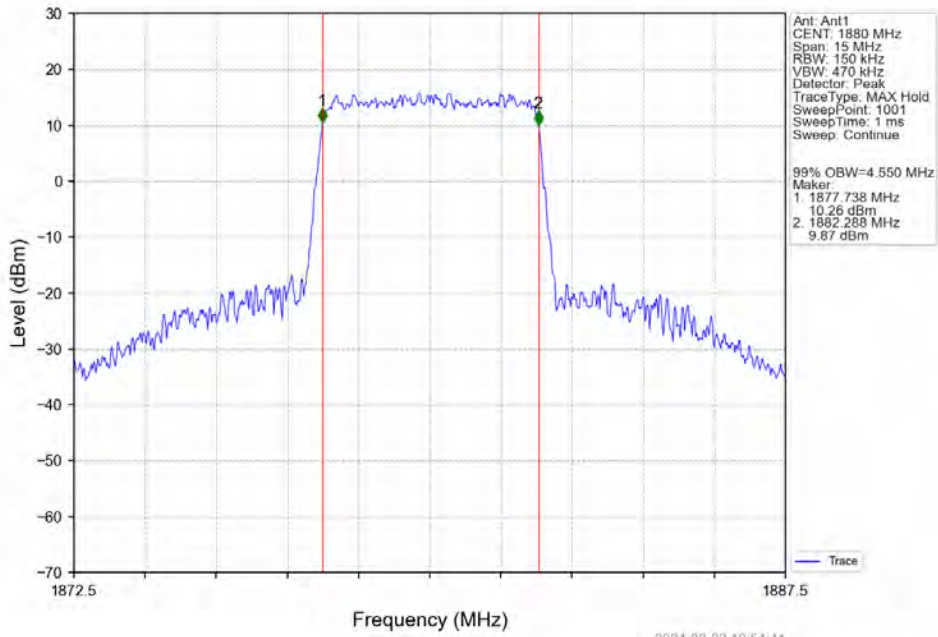
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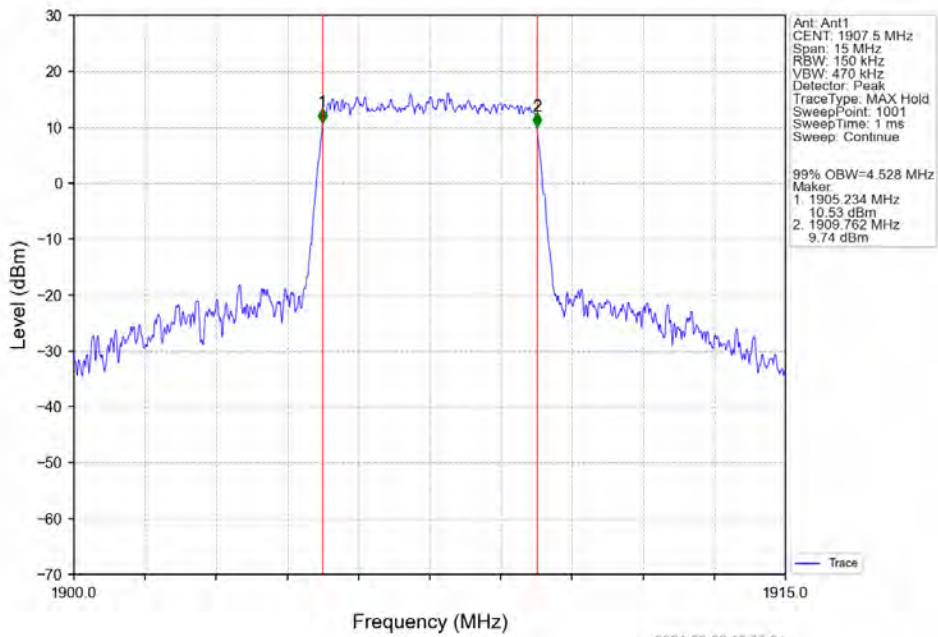
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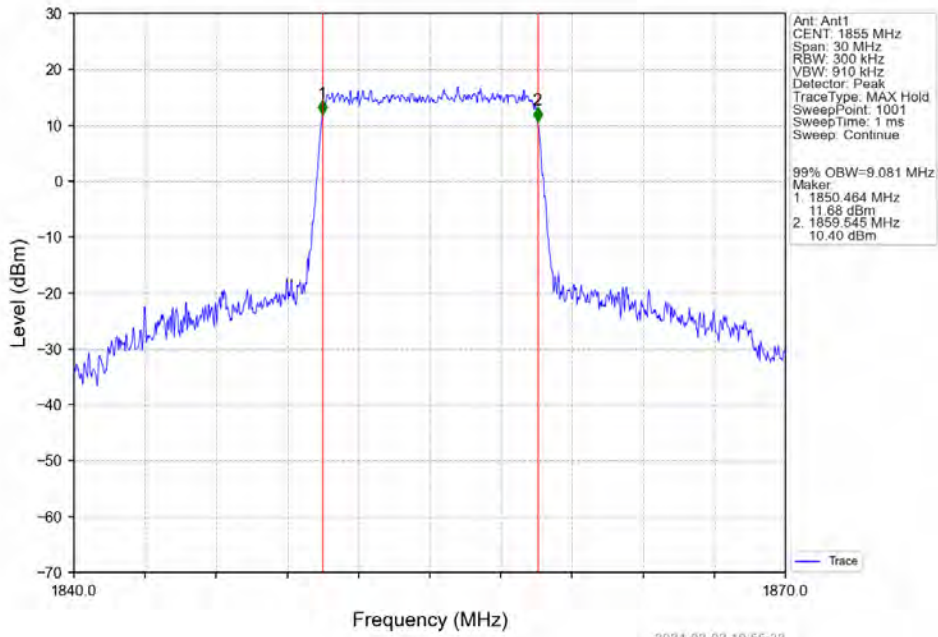
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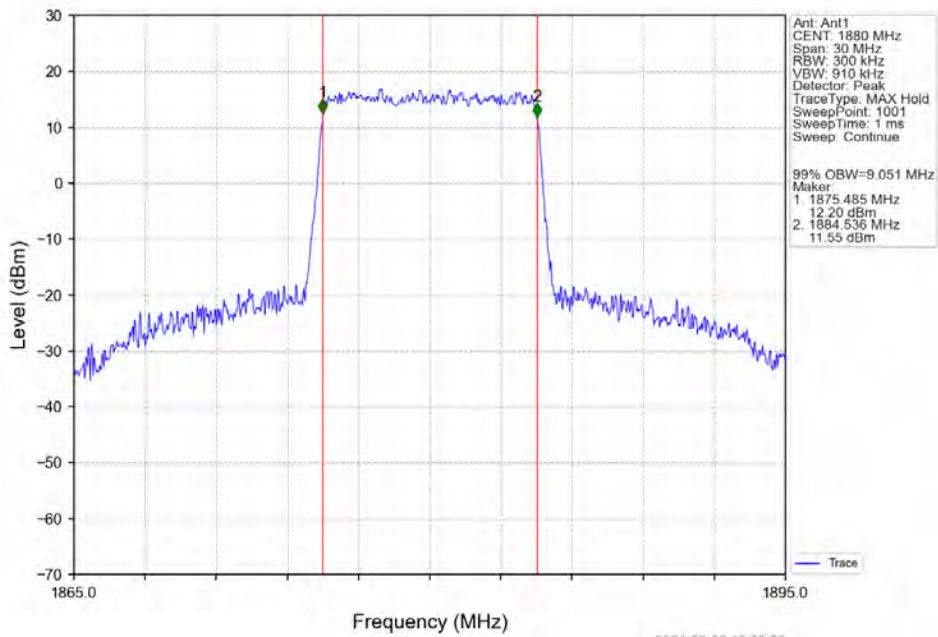
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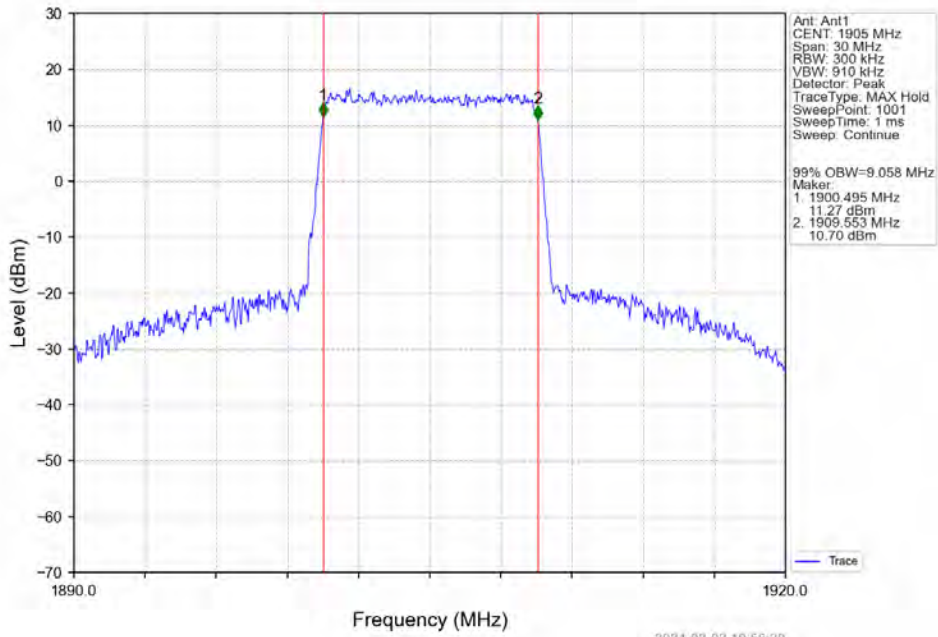
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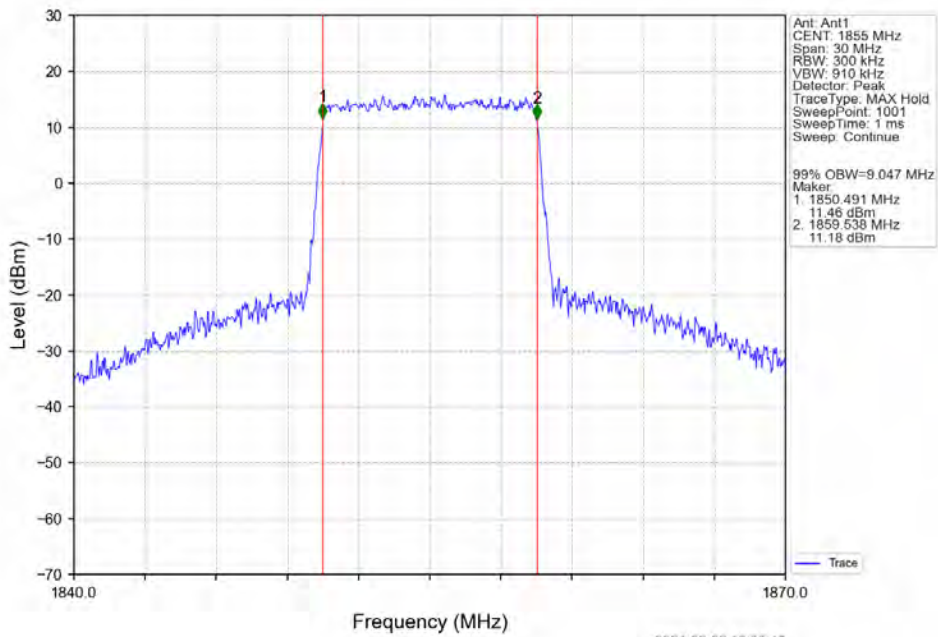
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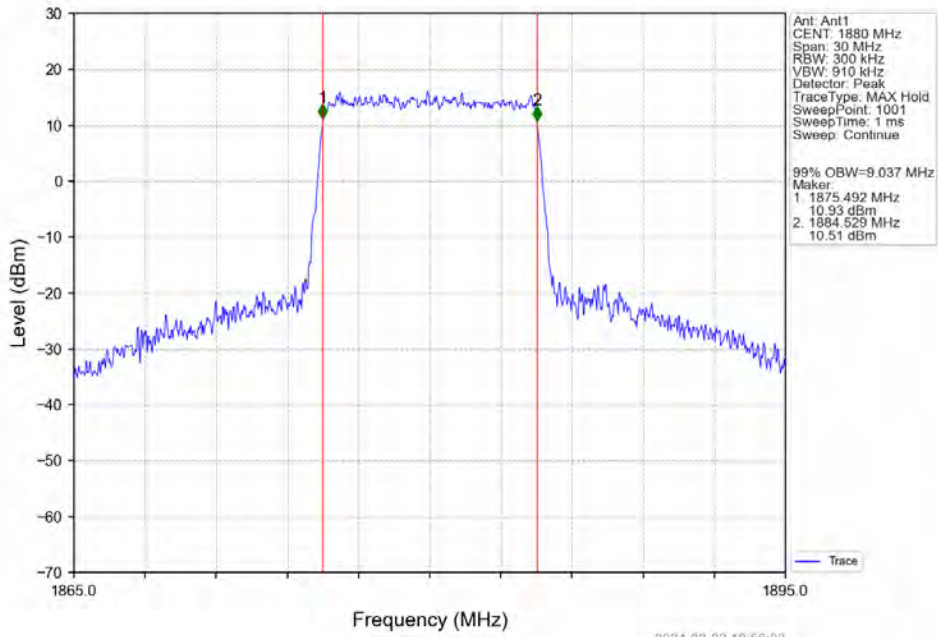
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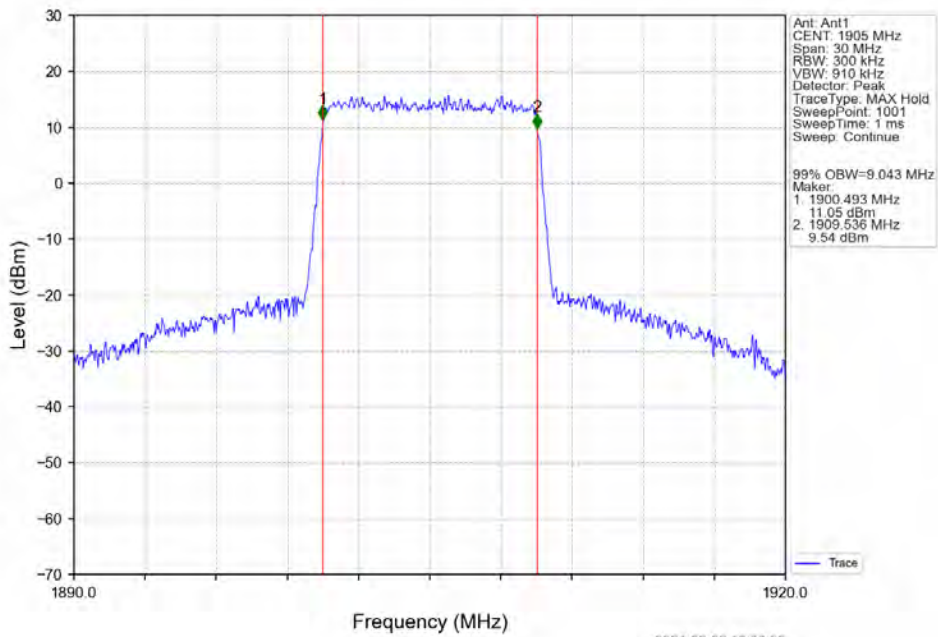
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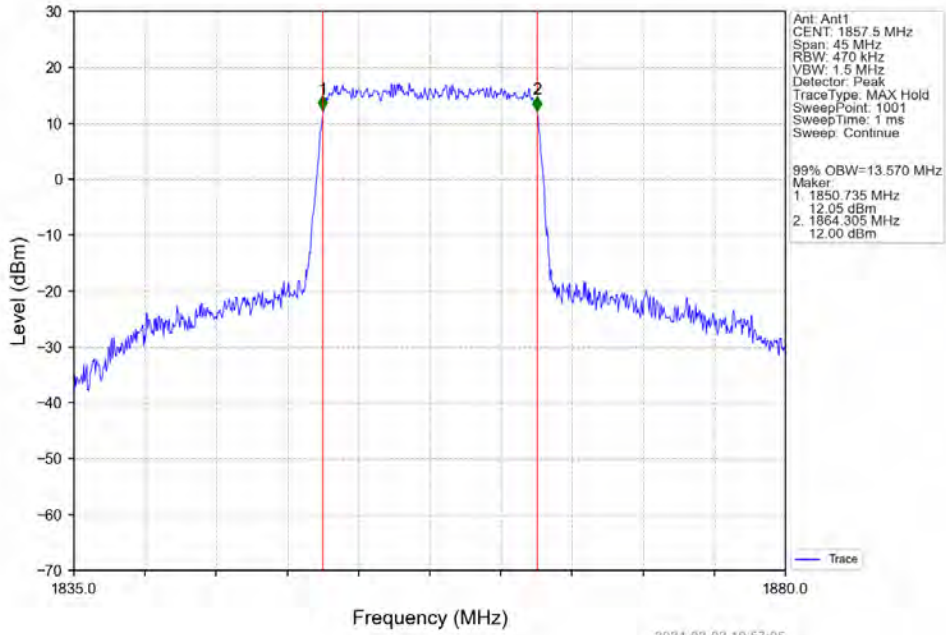
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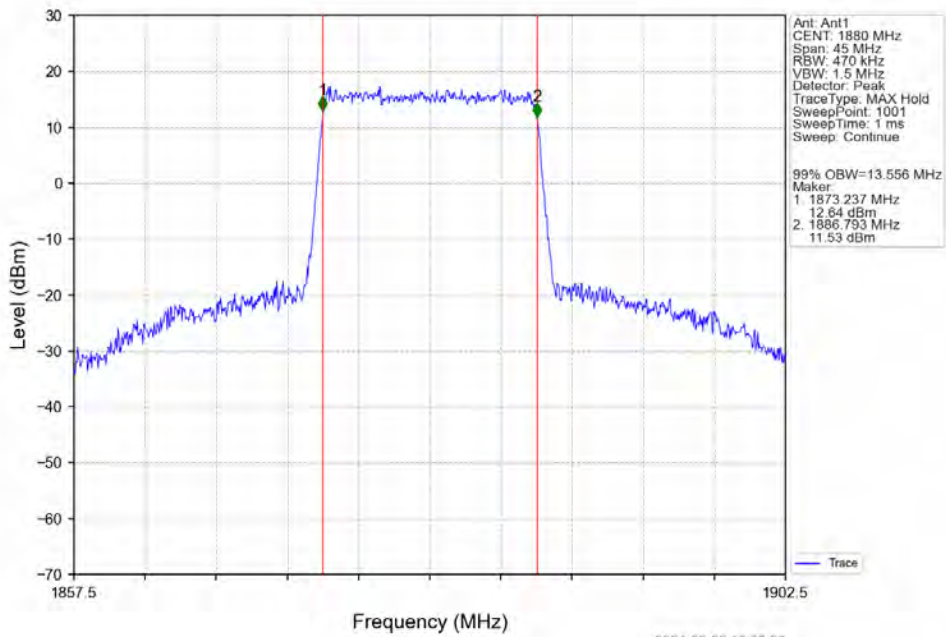
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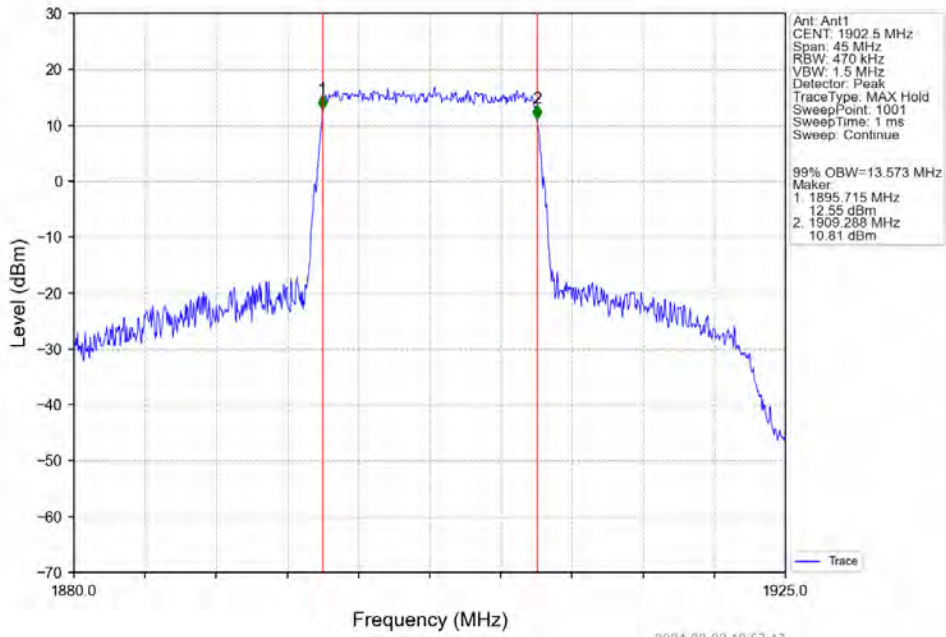
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



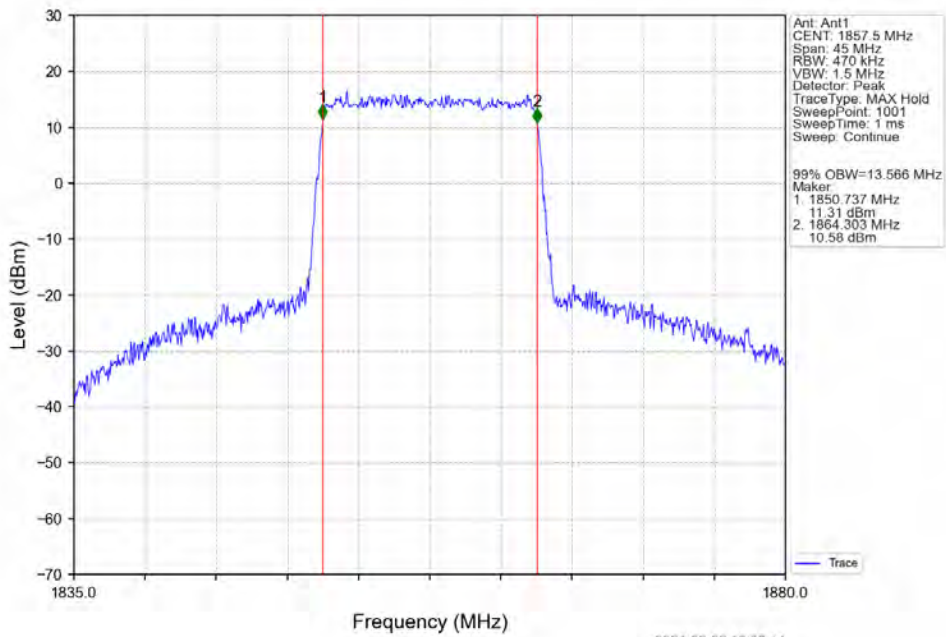
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



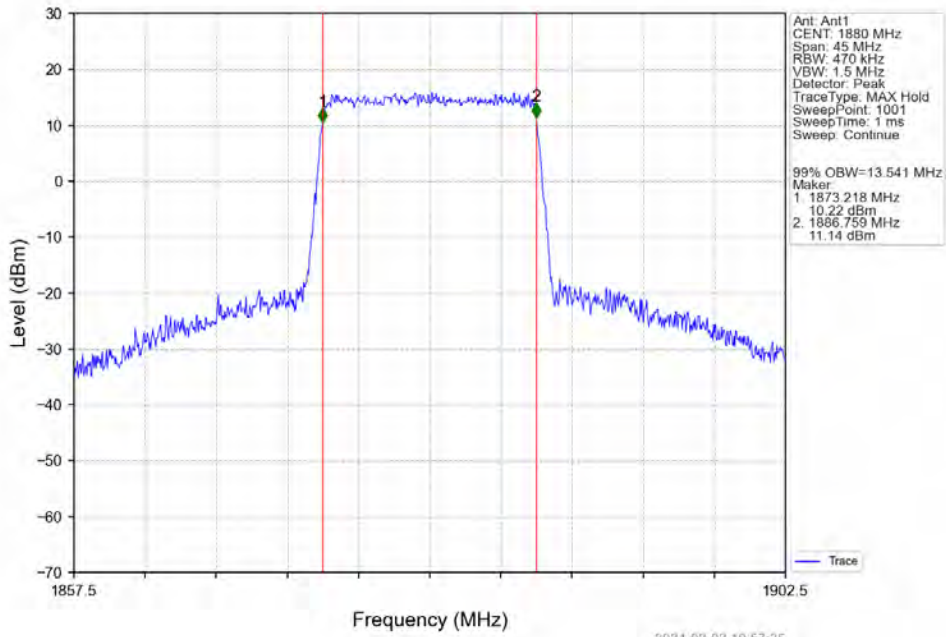
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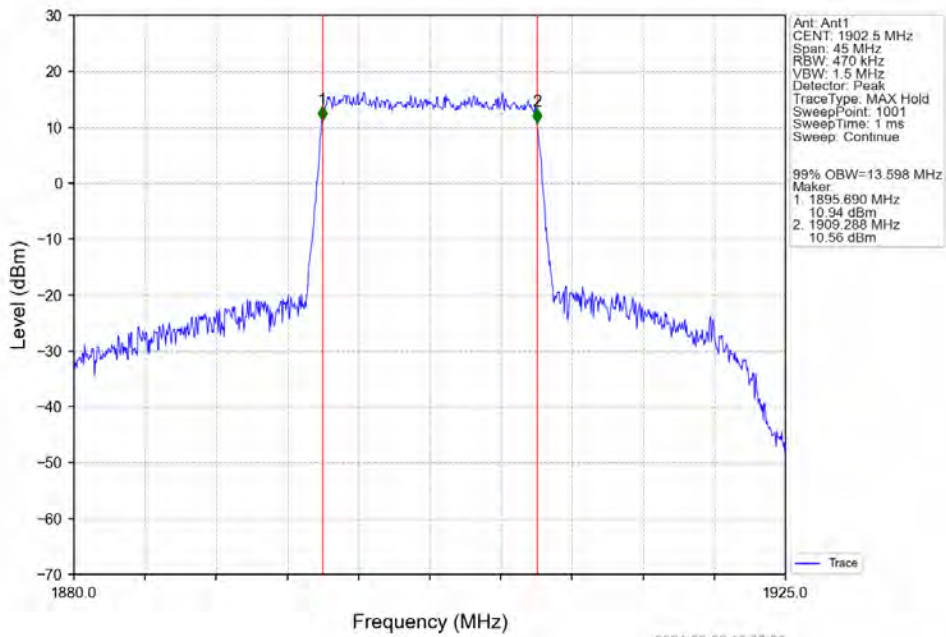
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



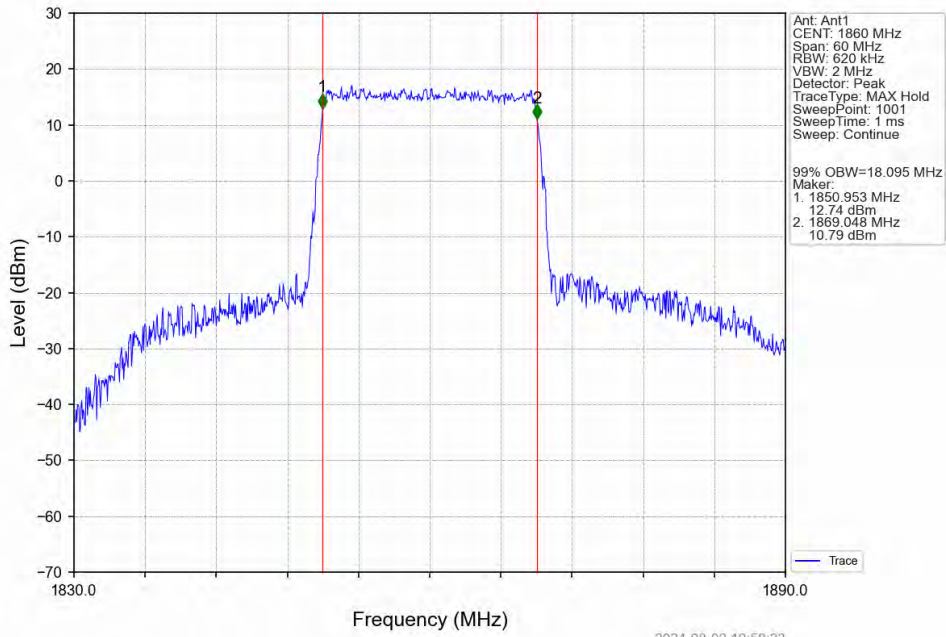
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



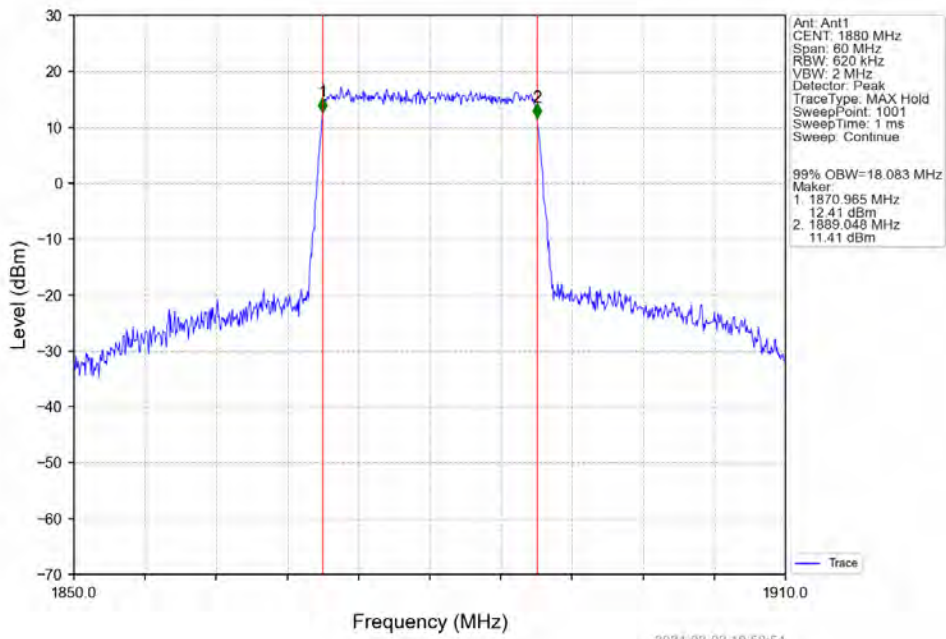
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



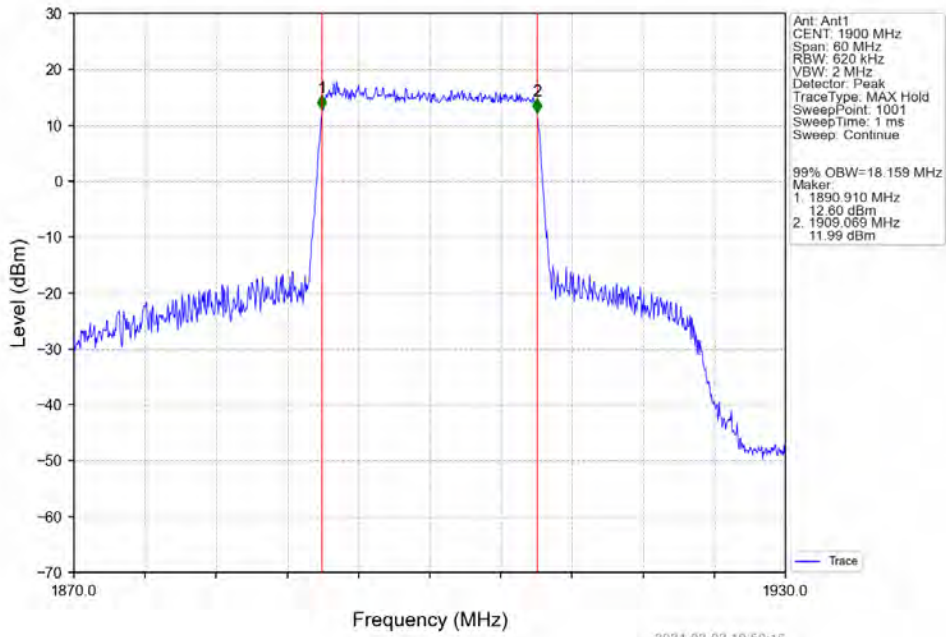
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



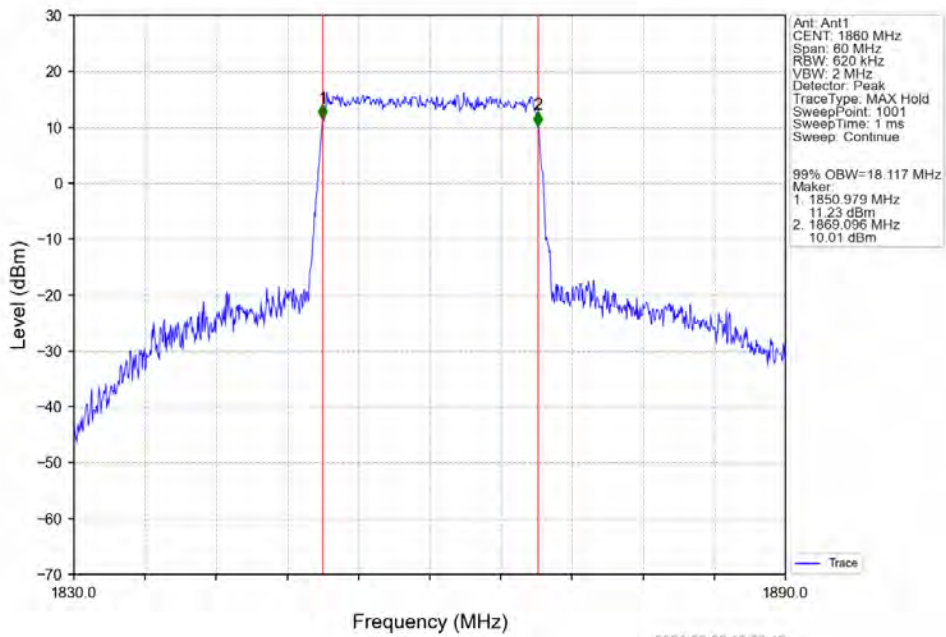
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



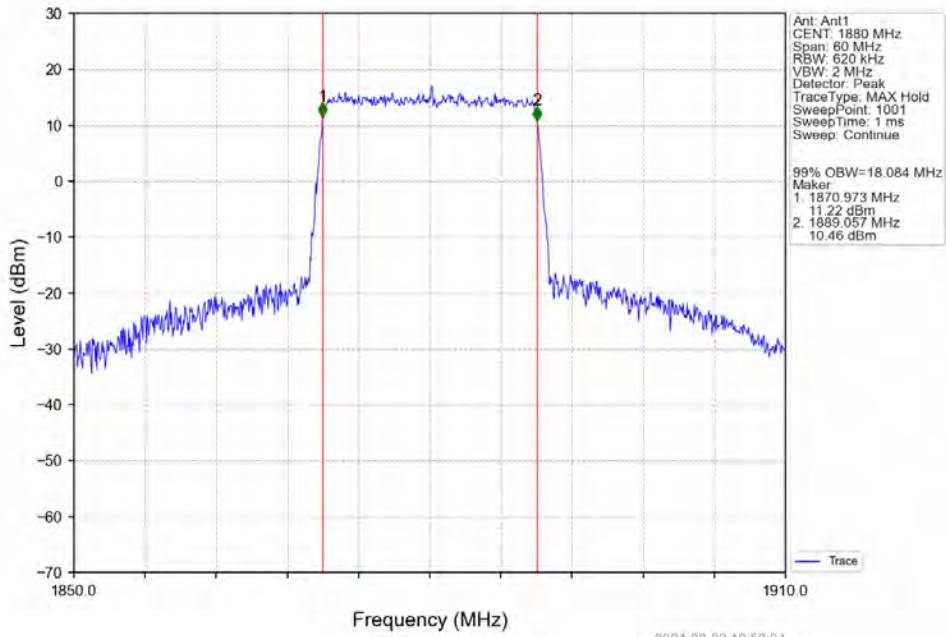
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



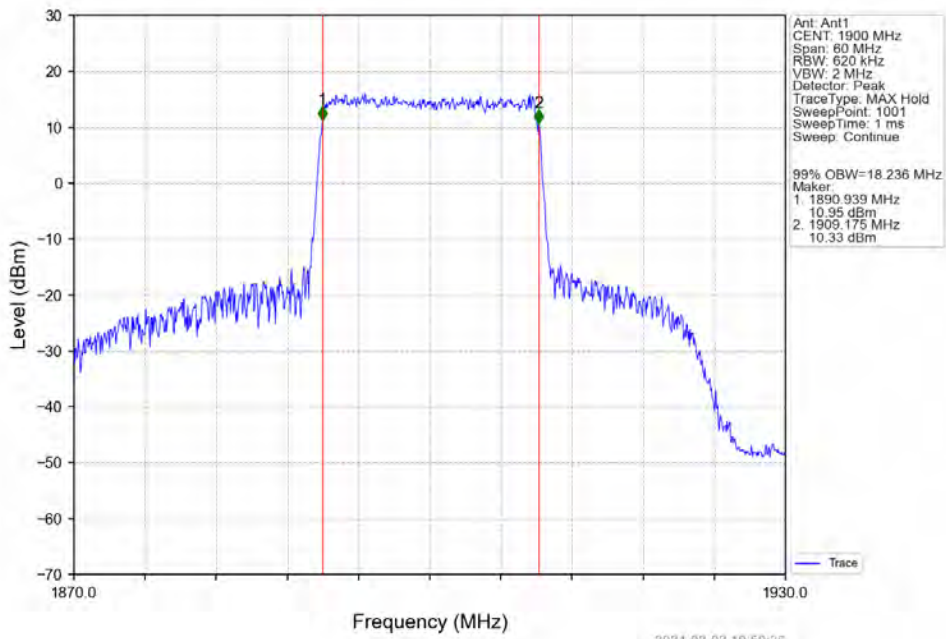
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



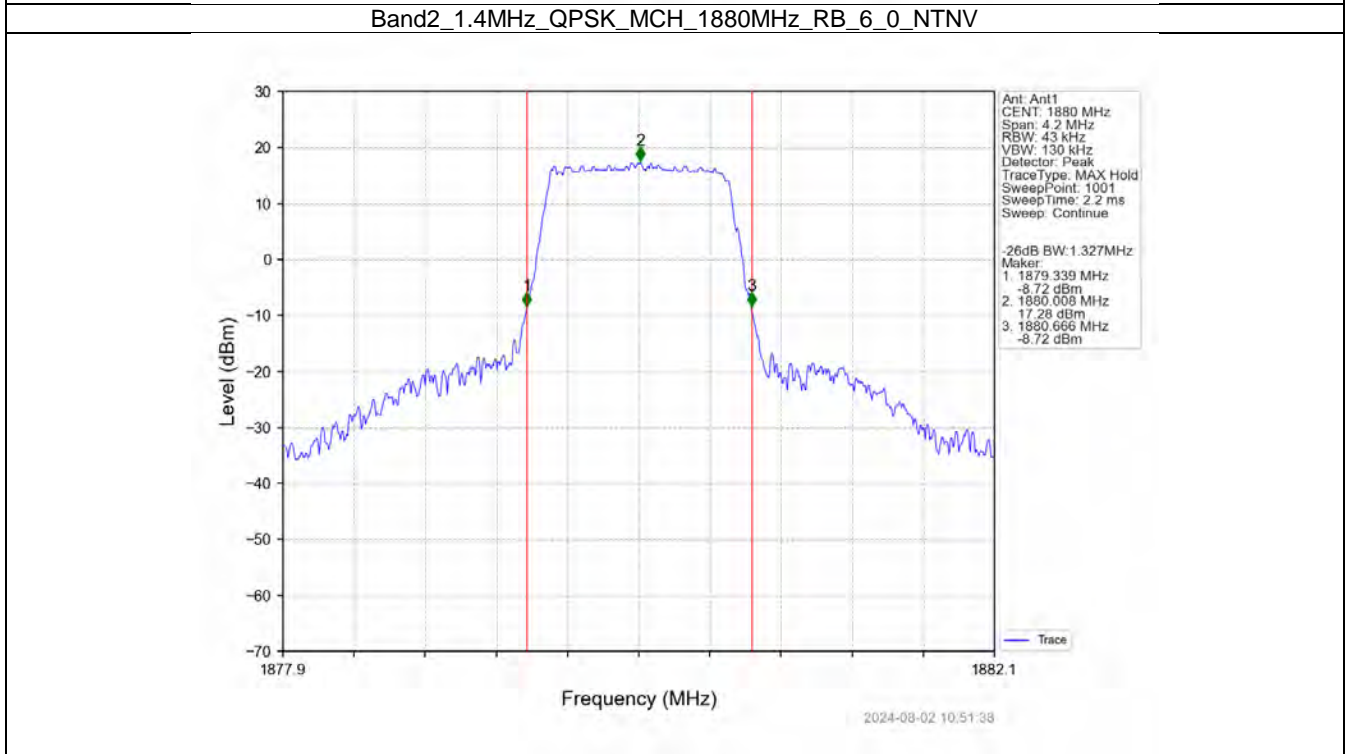
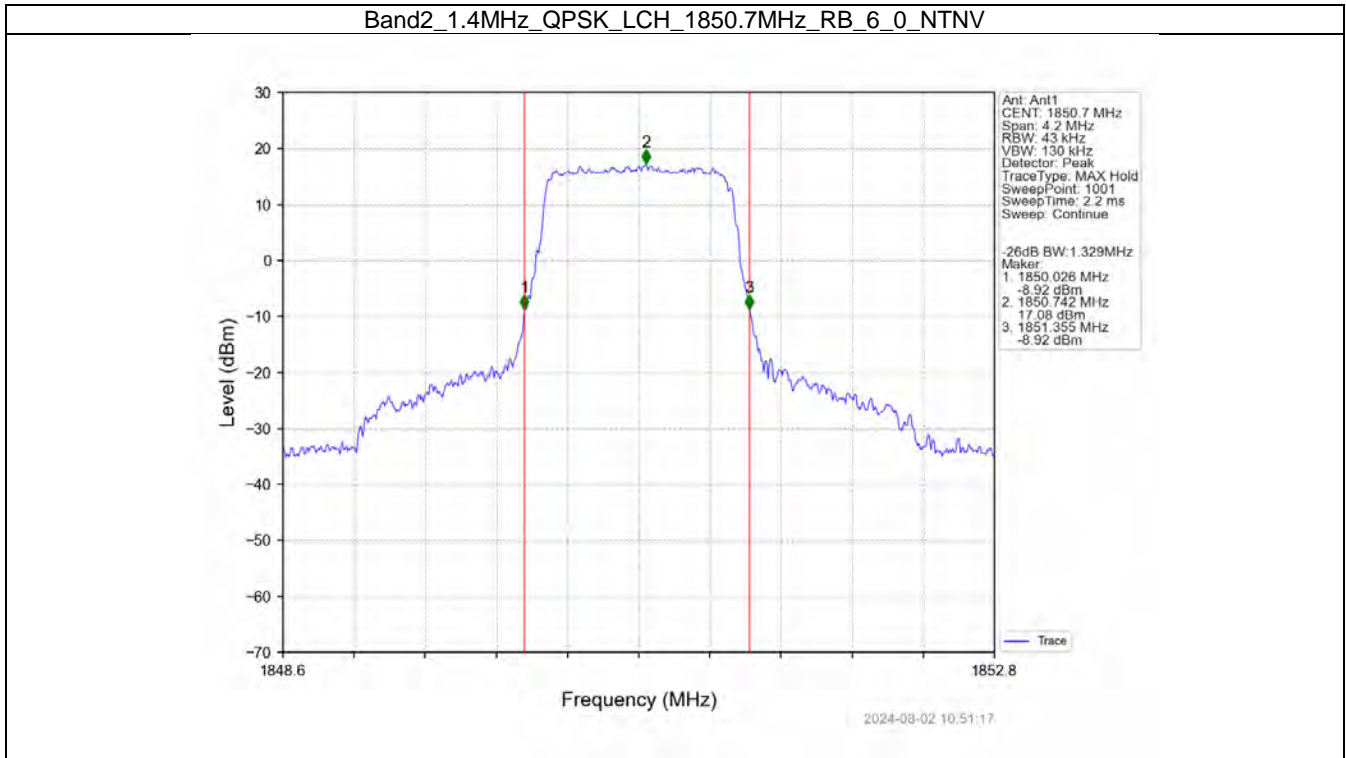
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



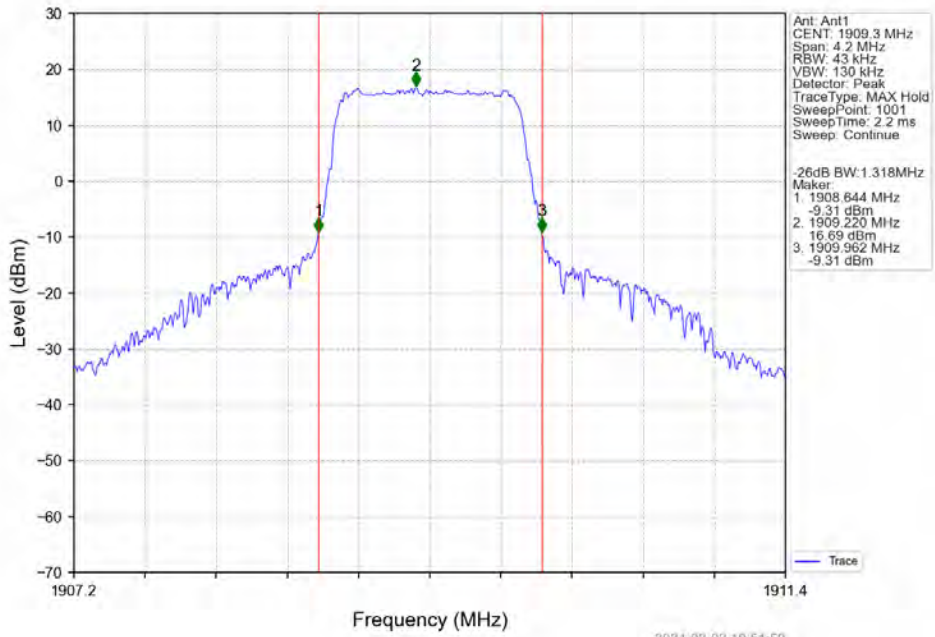
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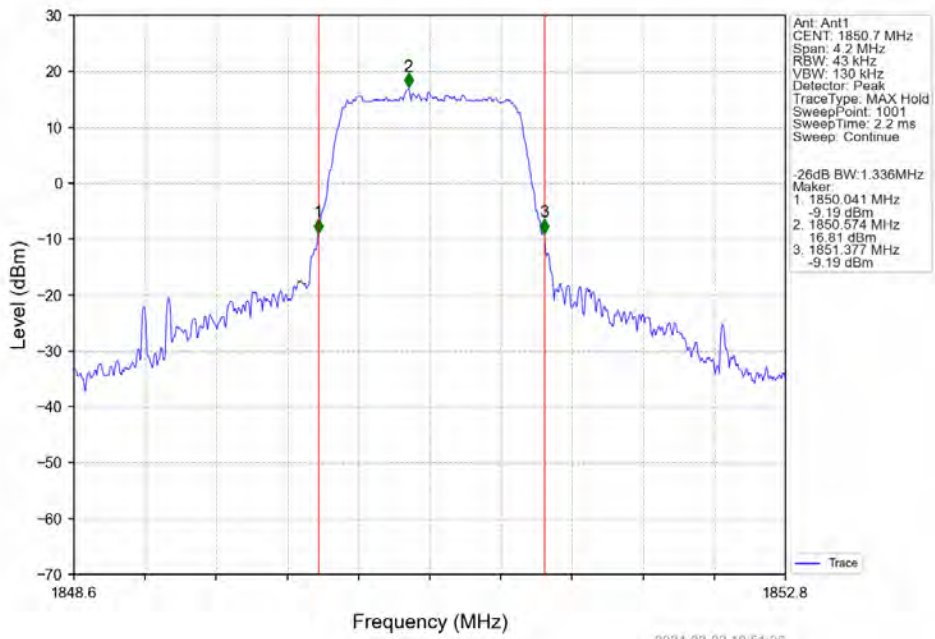
4.2.2 Band2_XDB



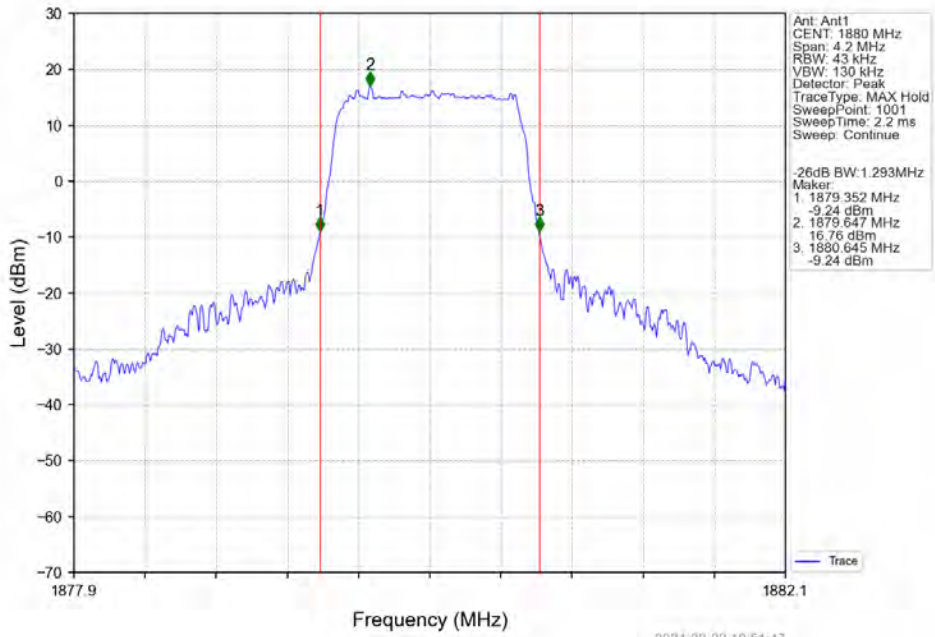
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



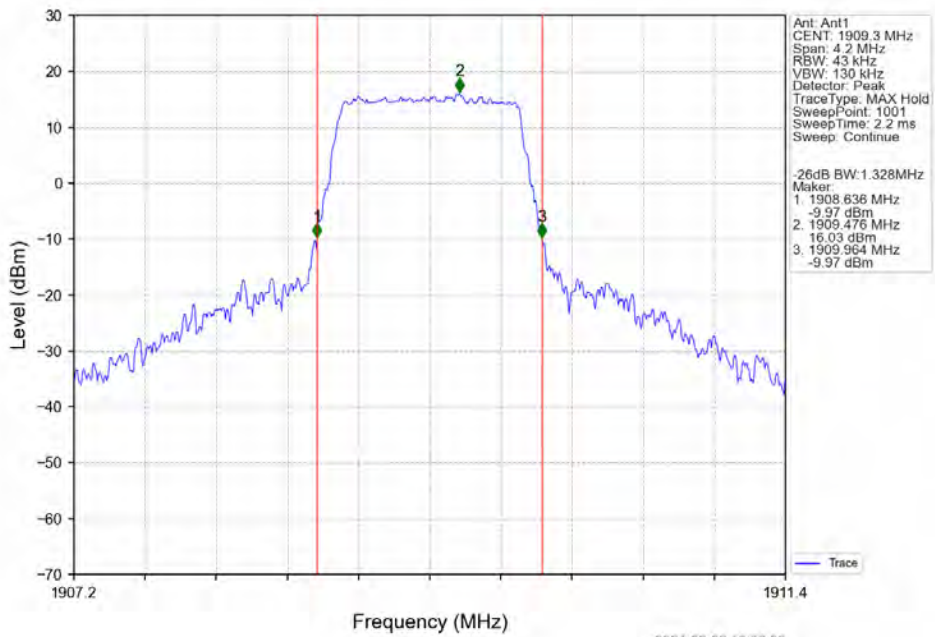
Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



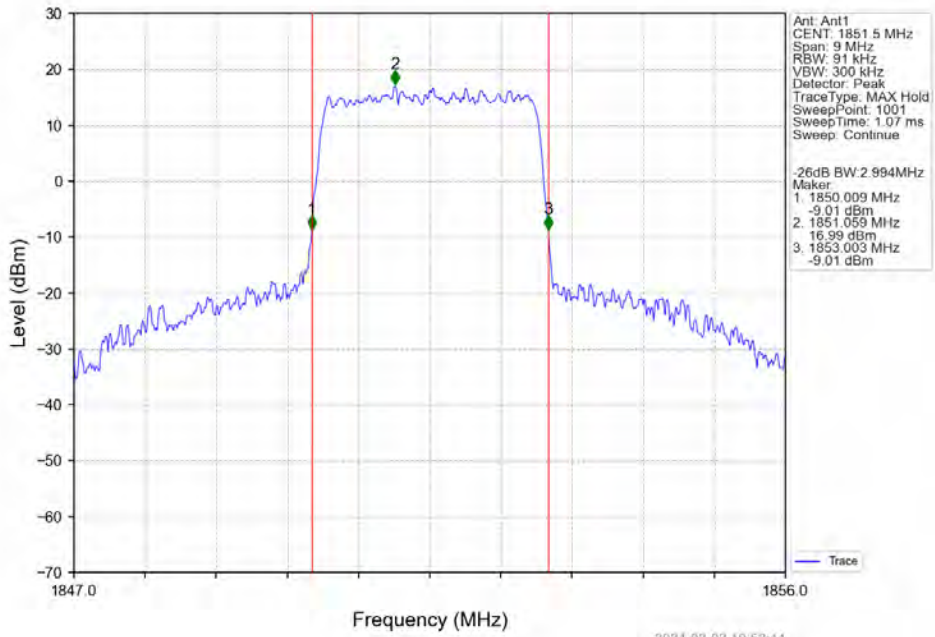
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



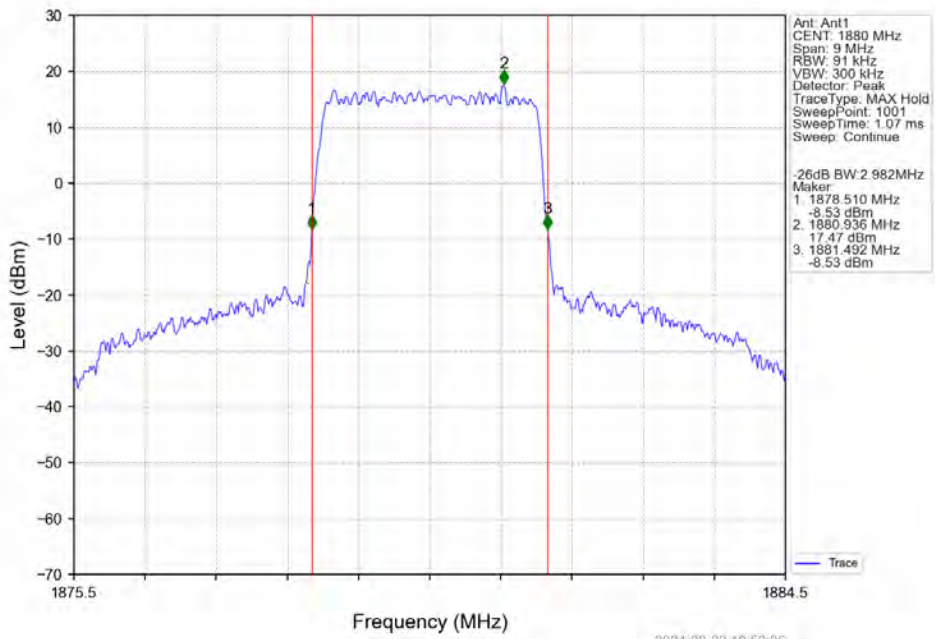
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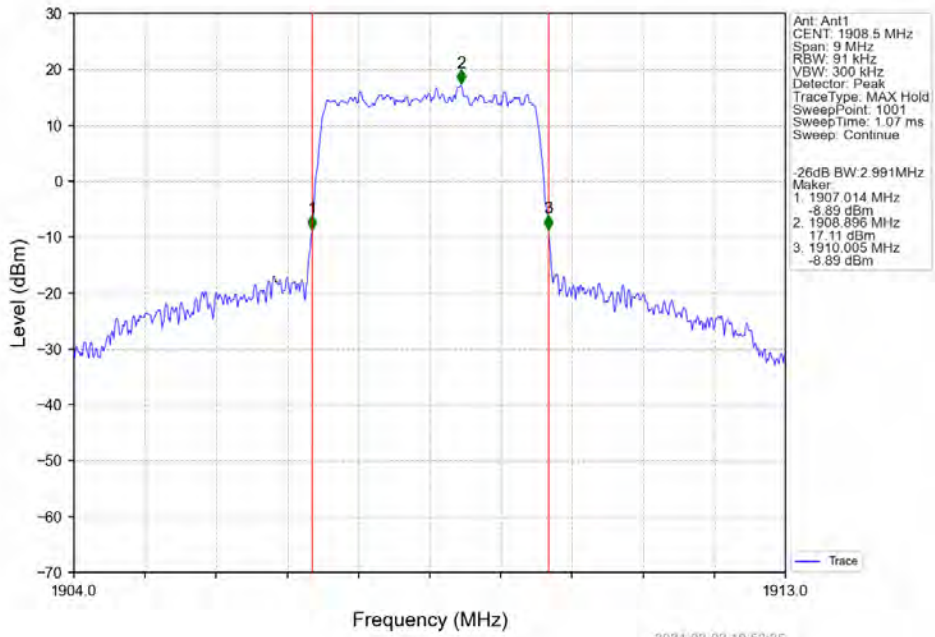
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



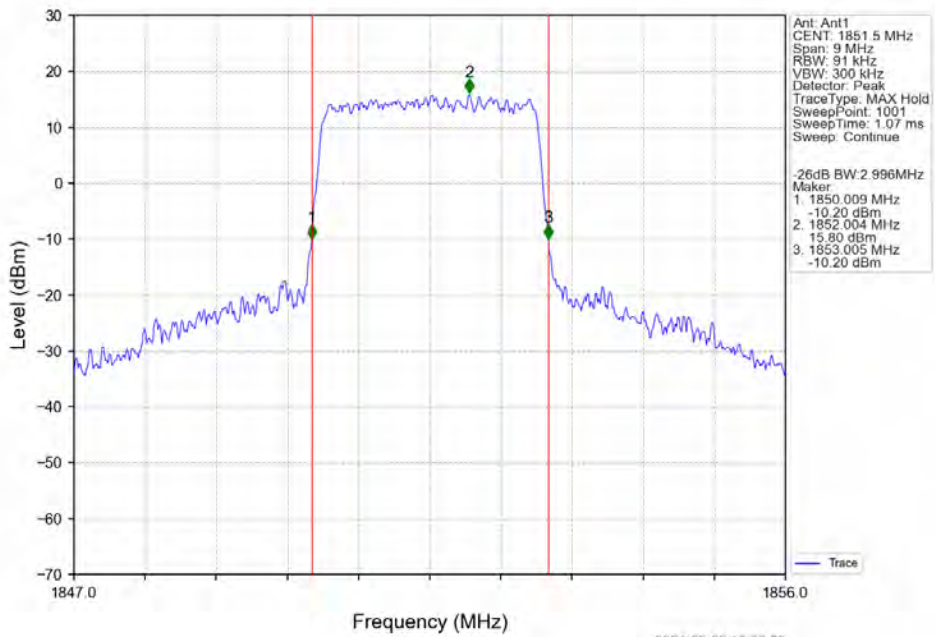
Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



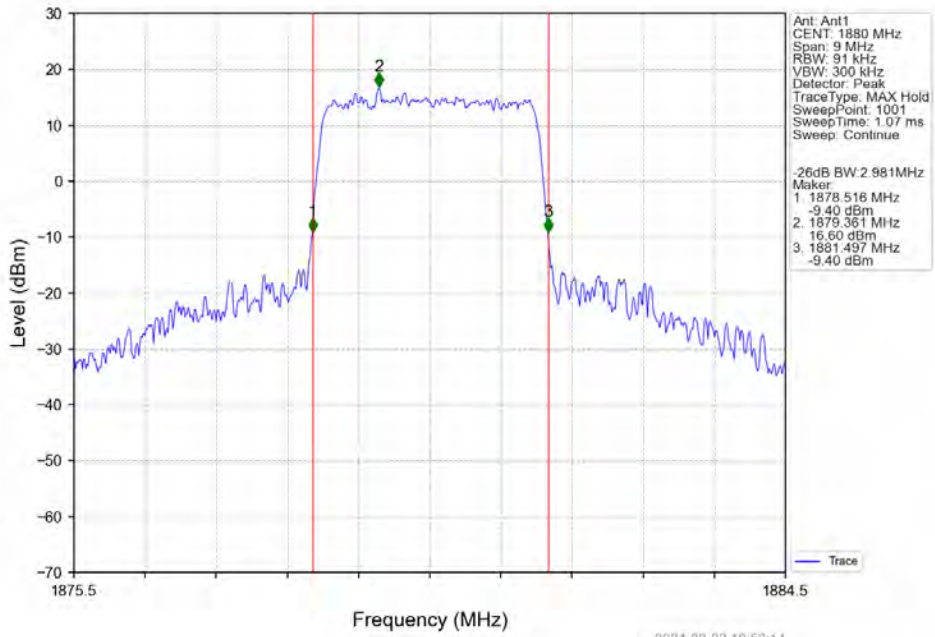
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



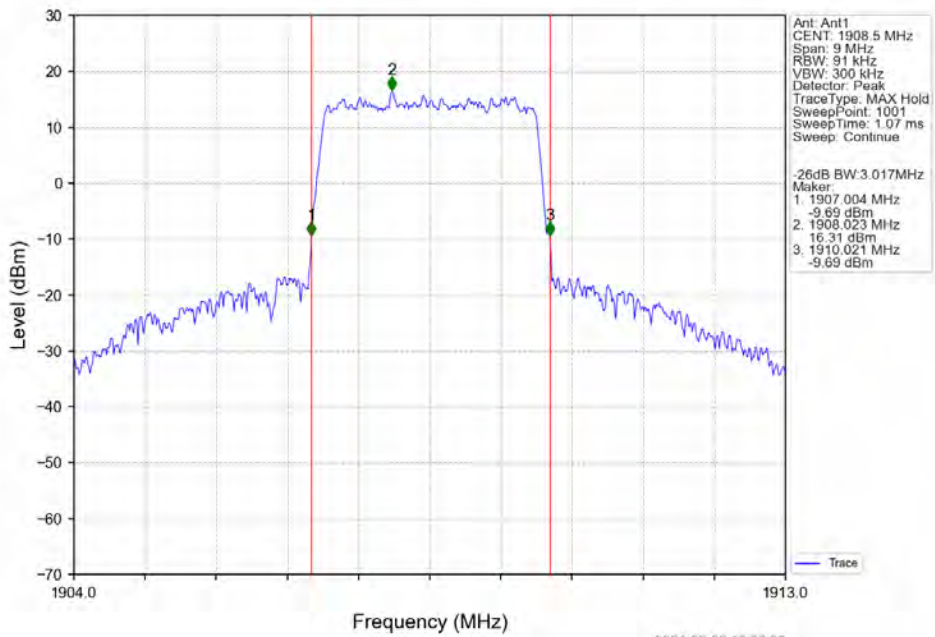
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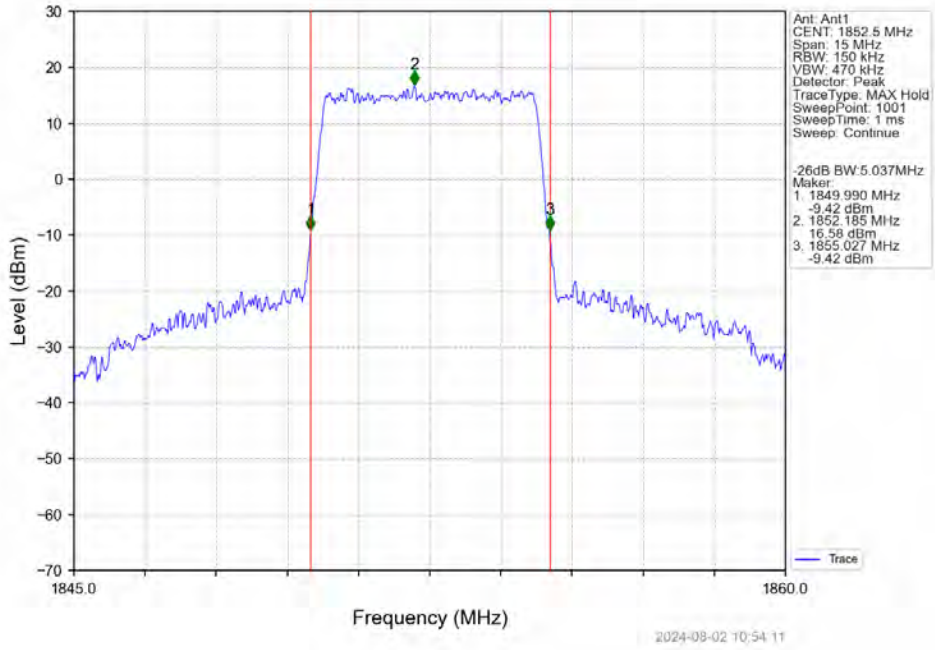
Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



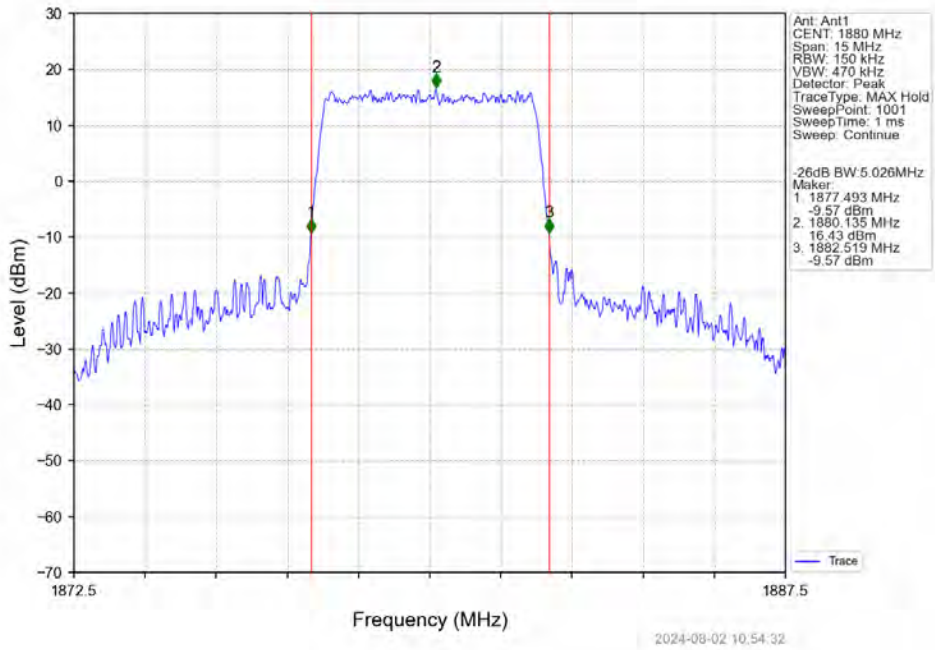
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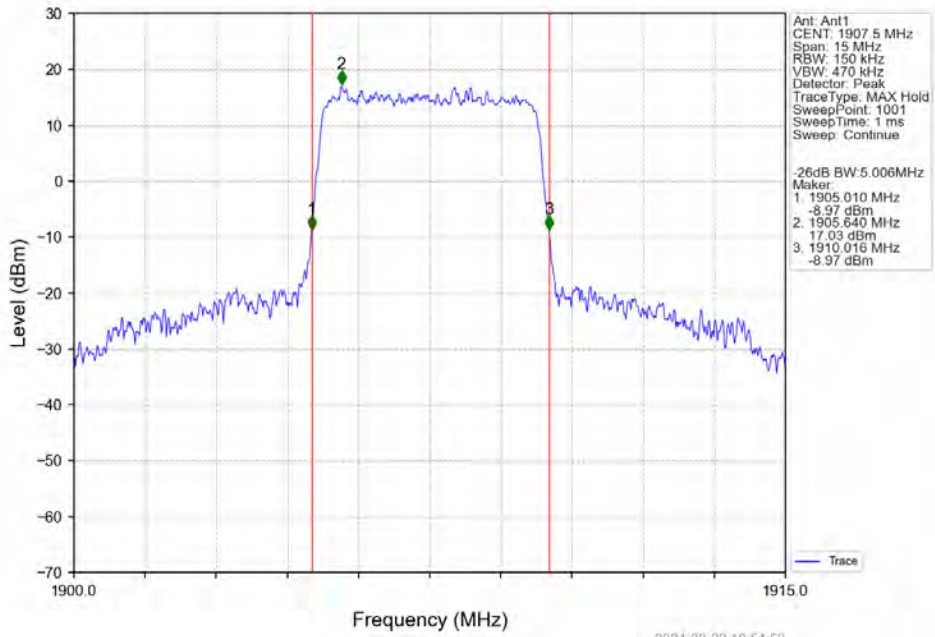
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



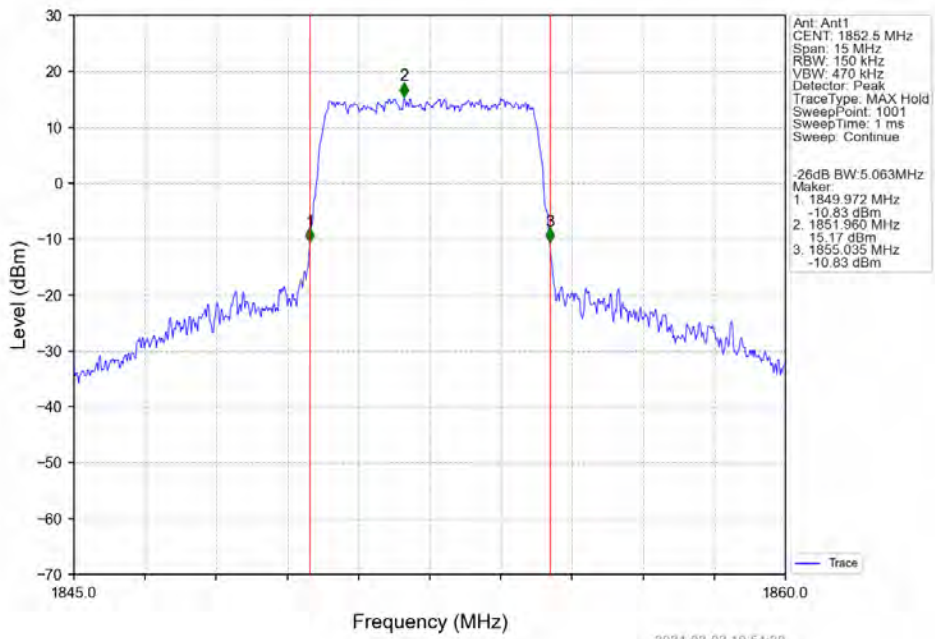
Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



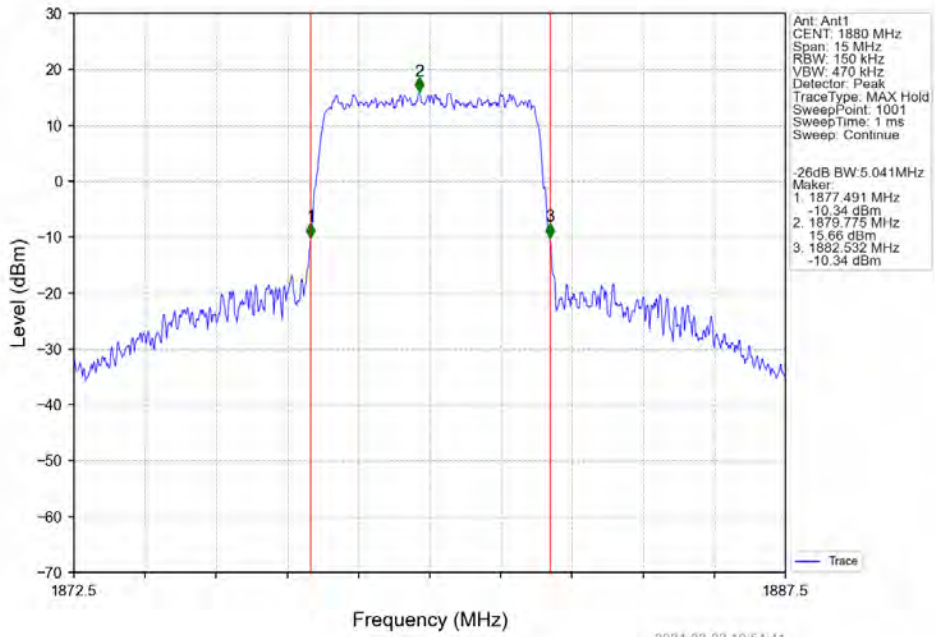
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



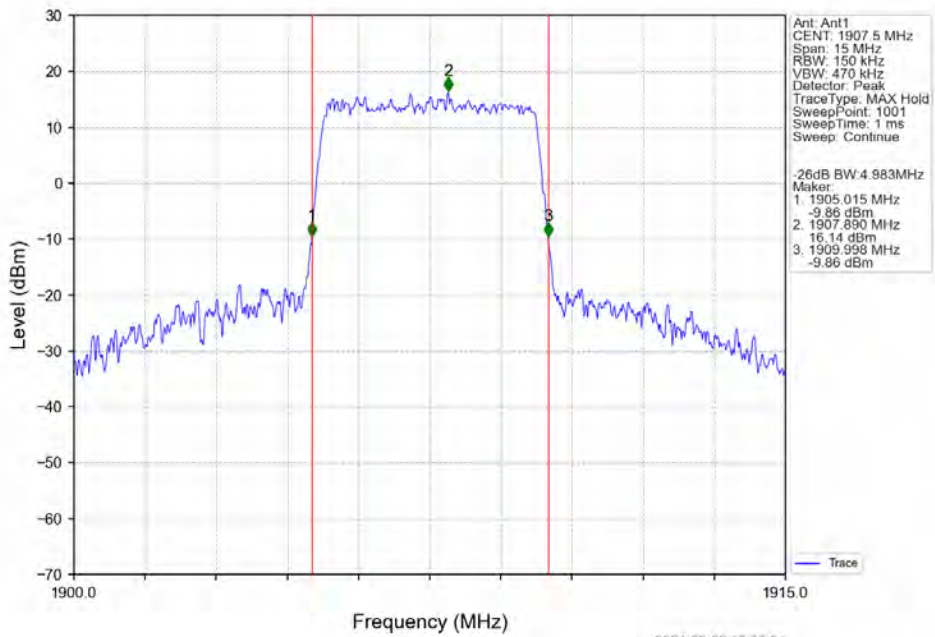
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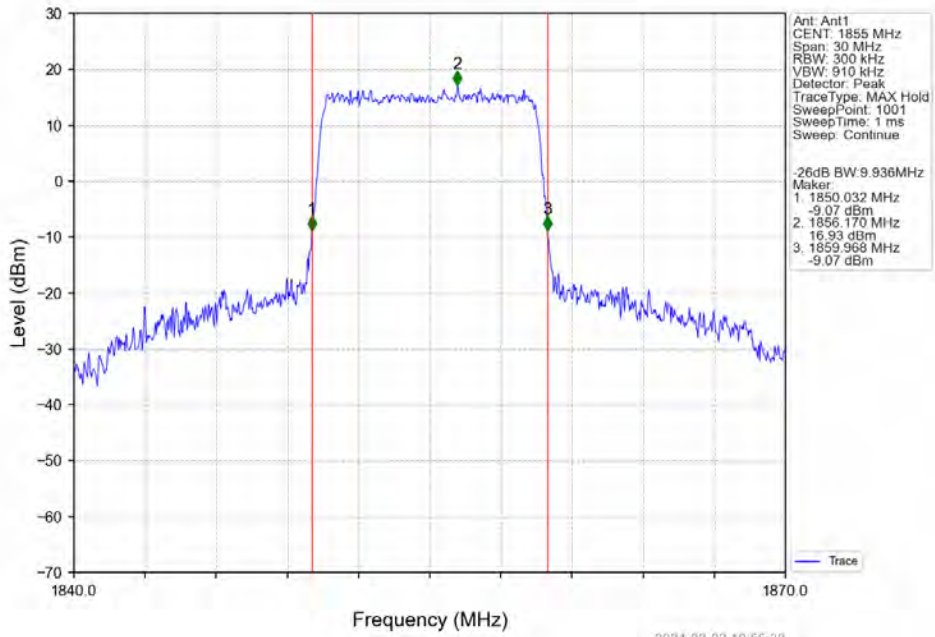
Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



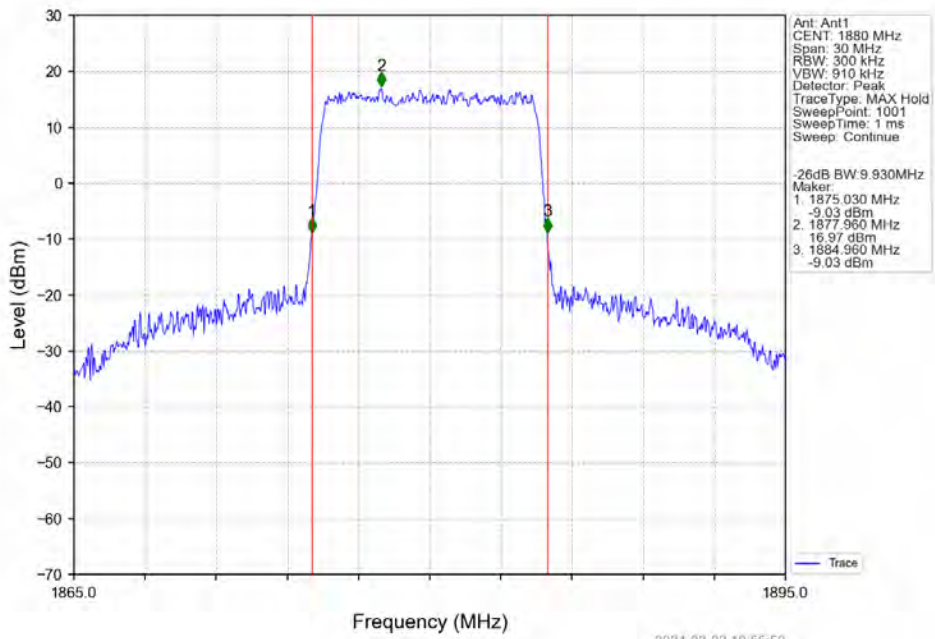
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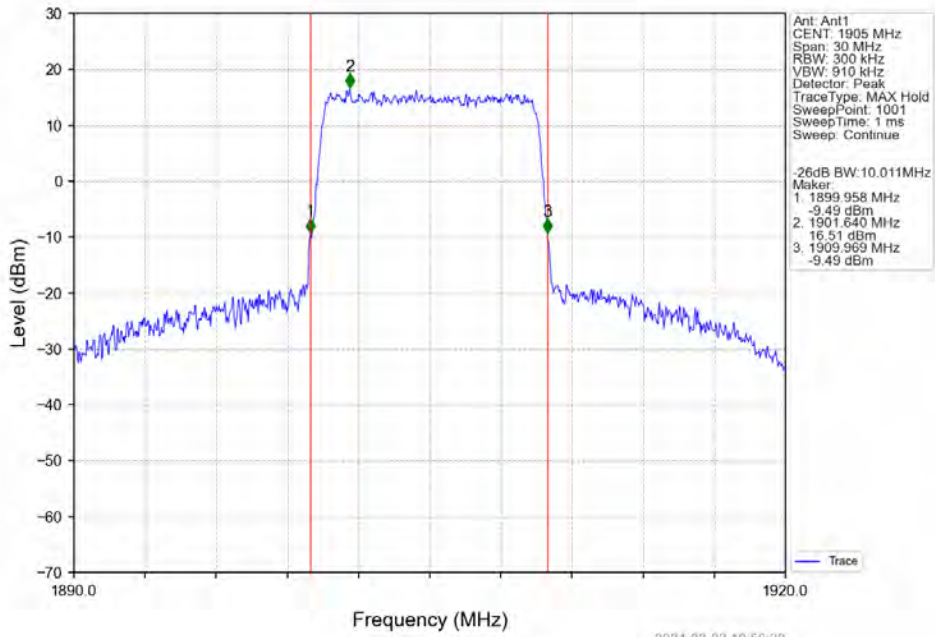
Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



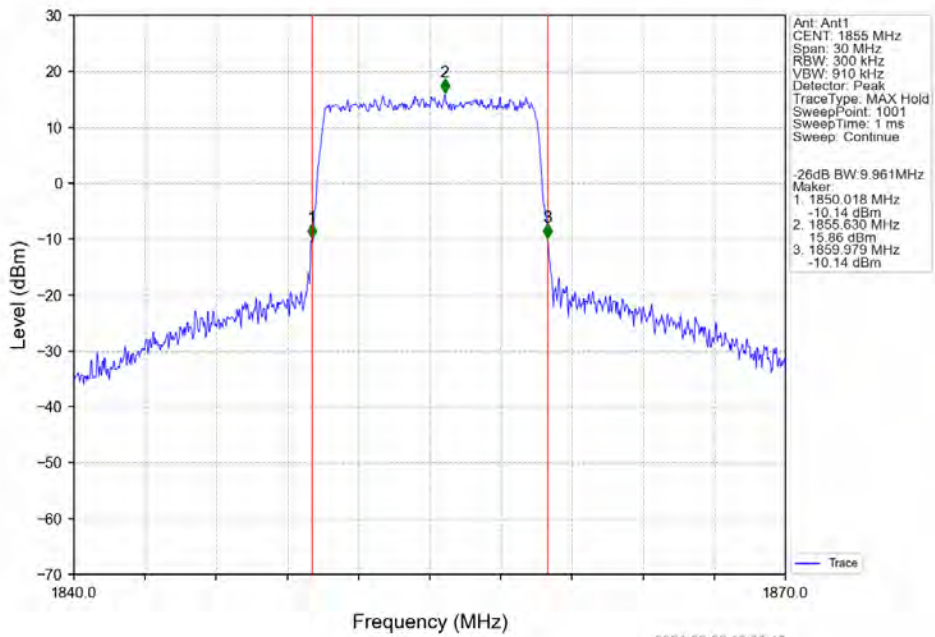
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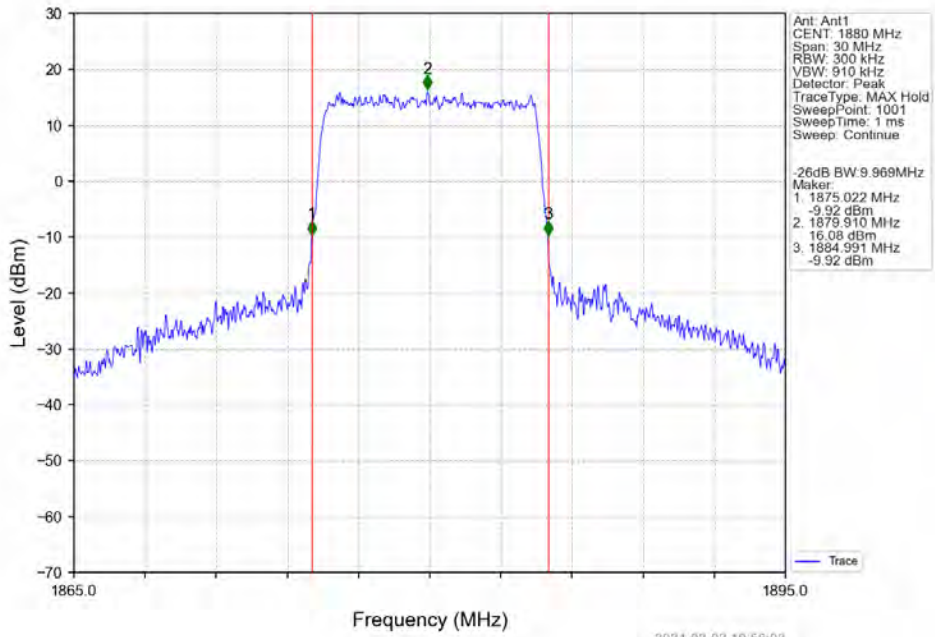
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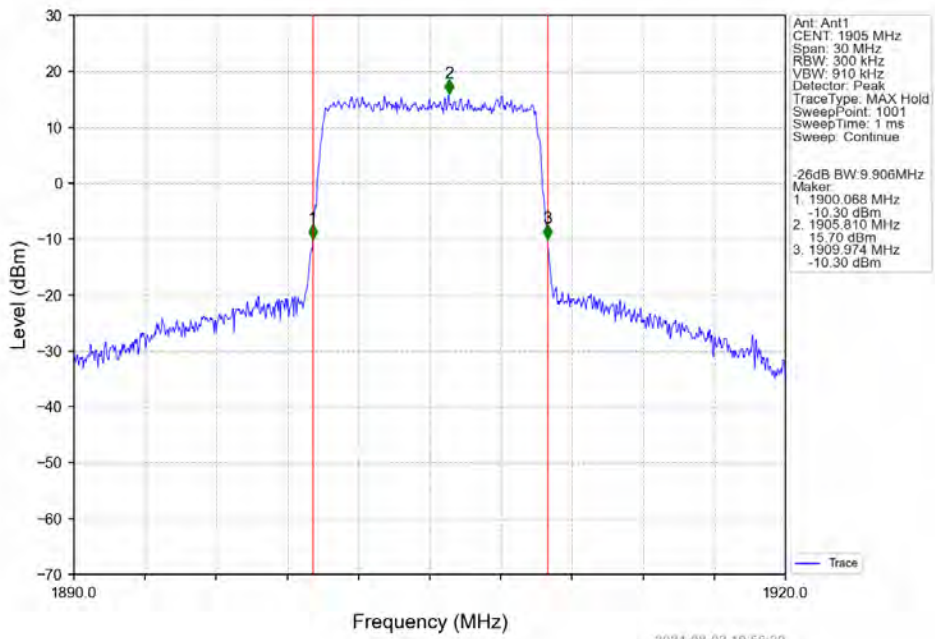
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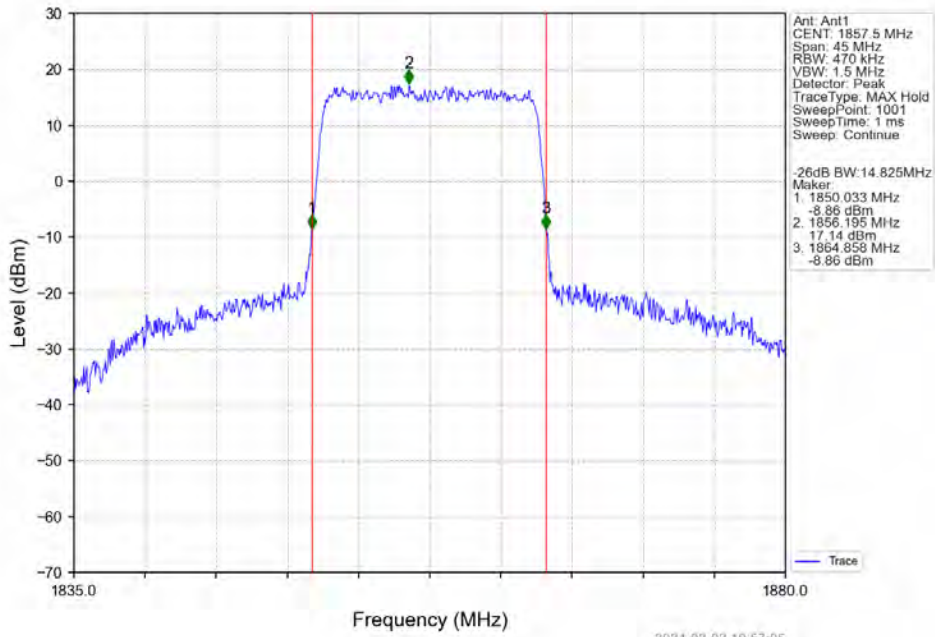
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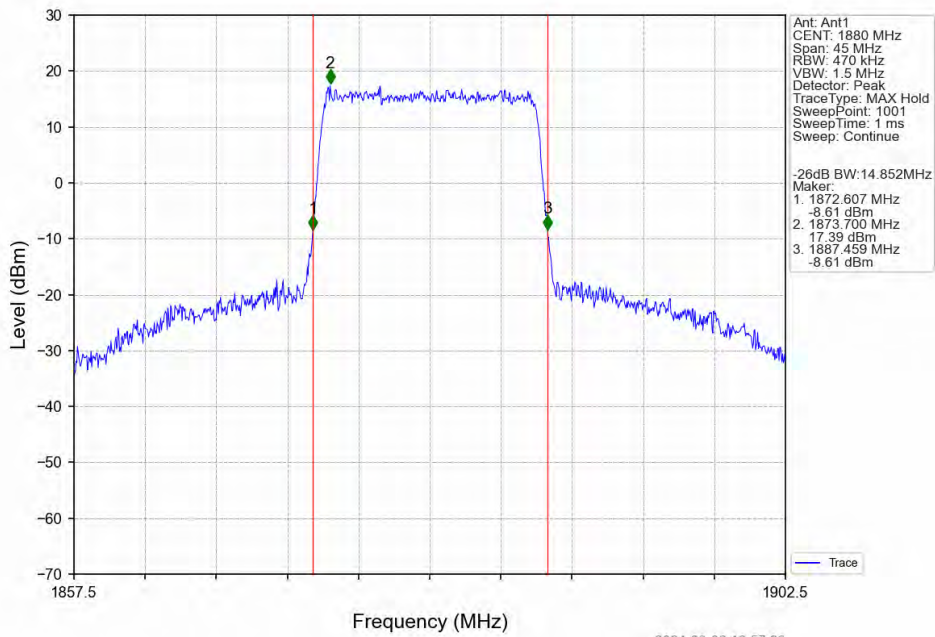
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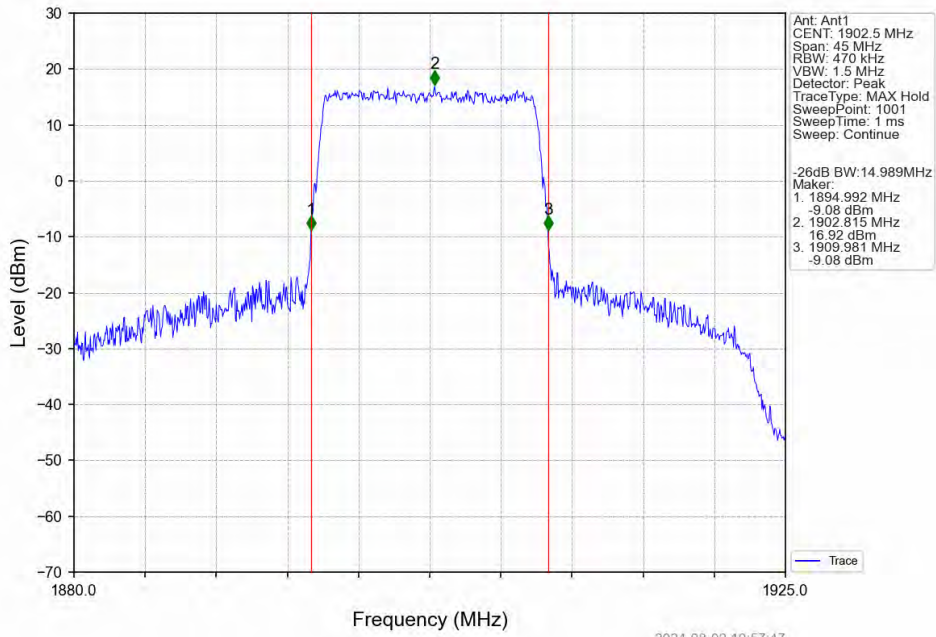
Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV



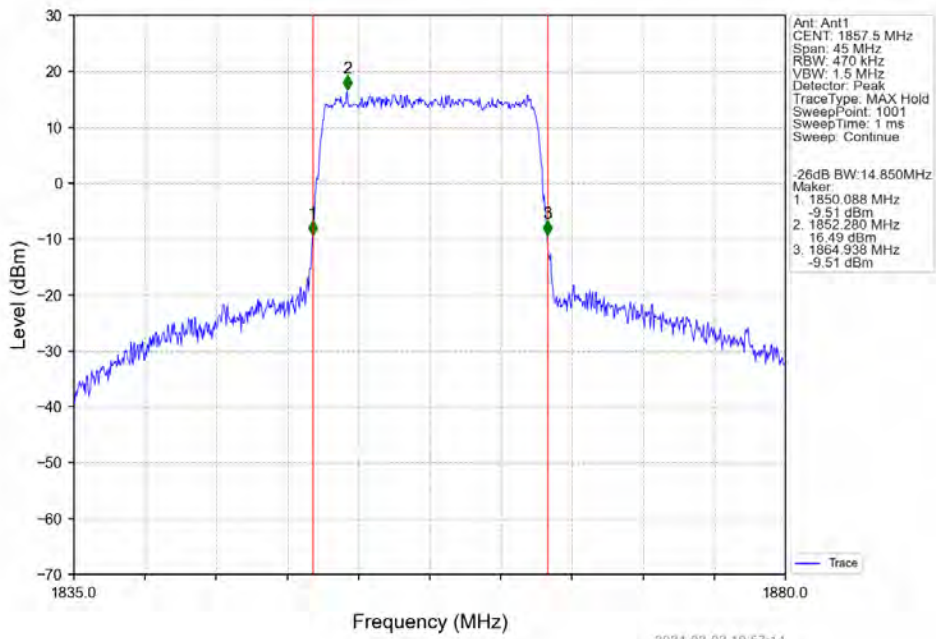
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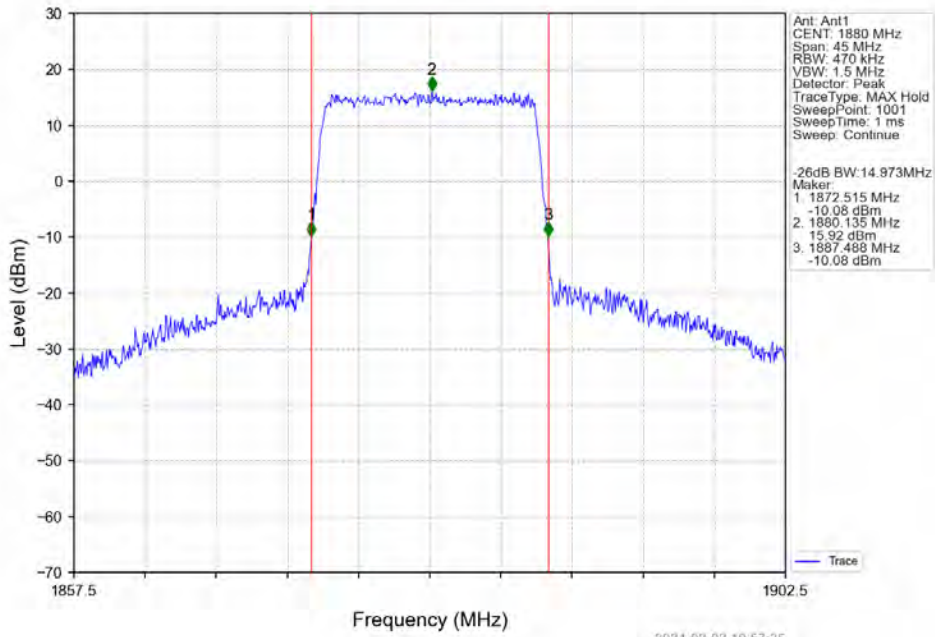
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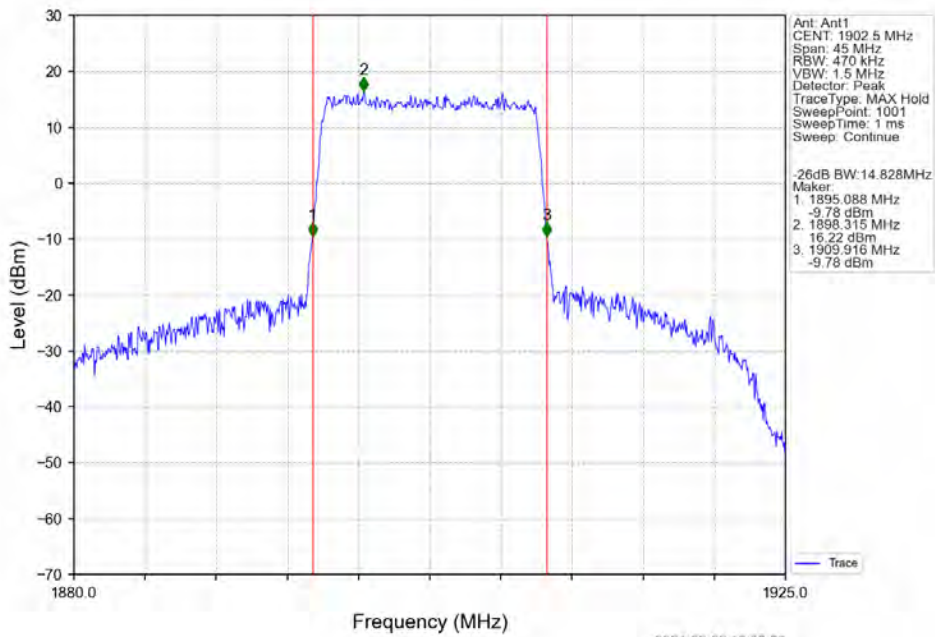
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



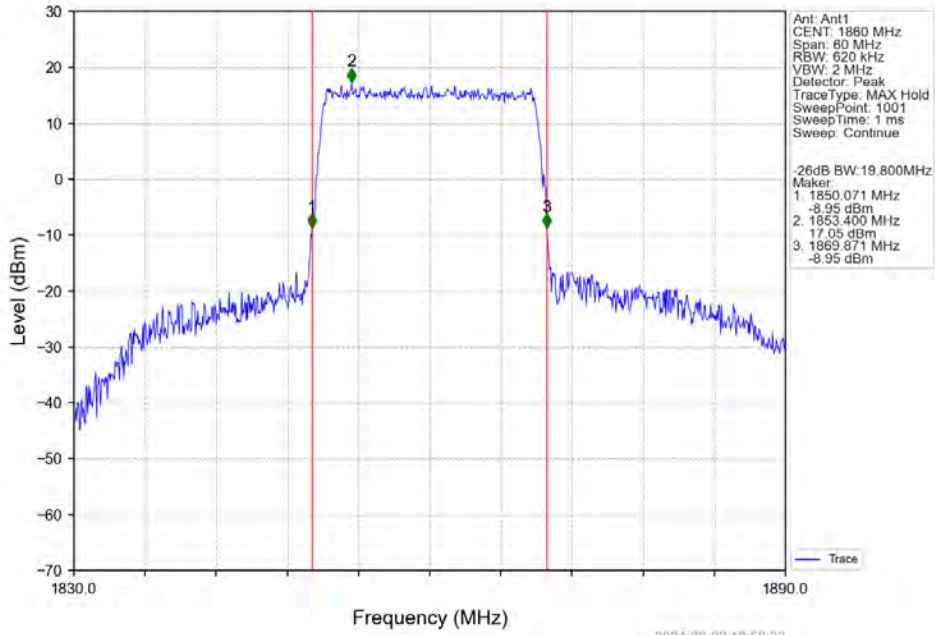
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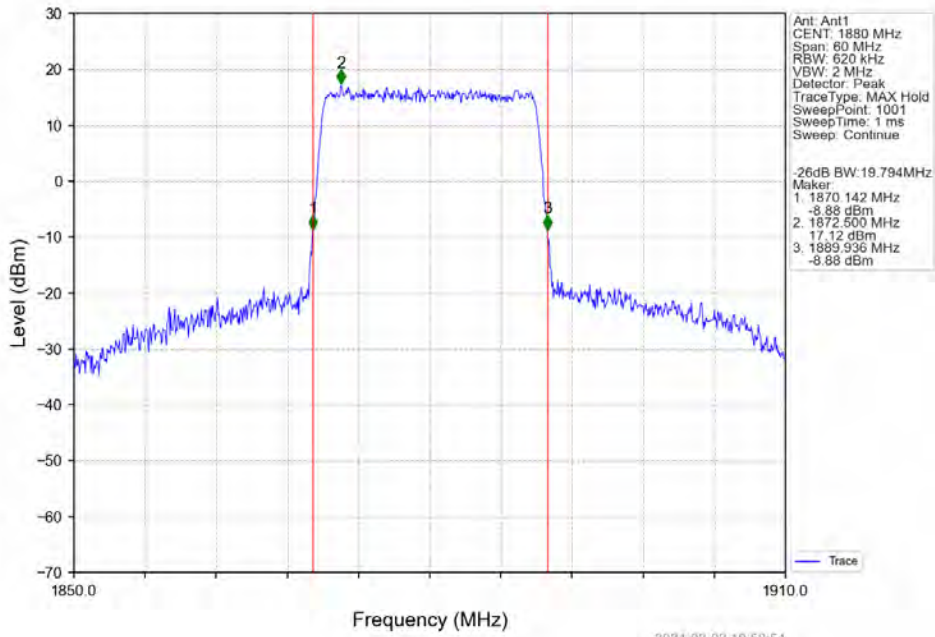
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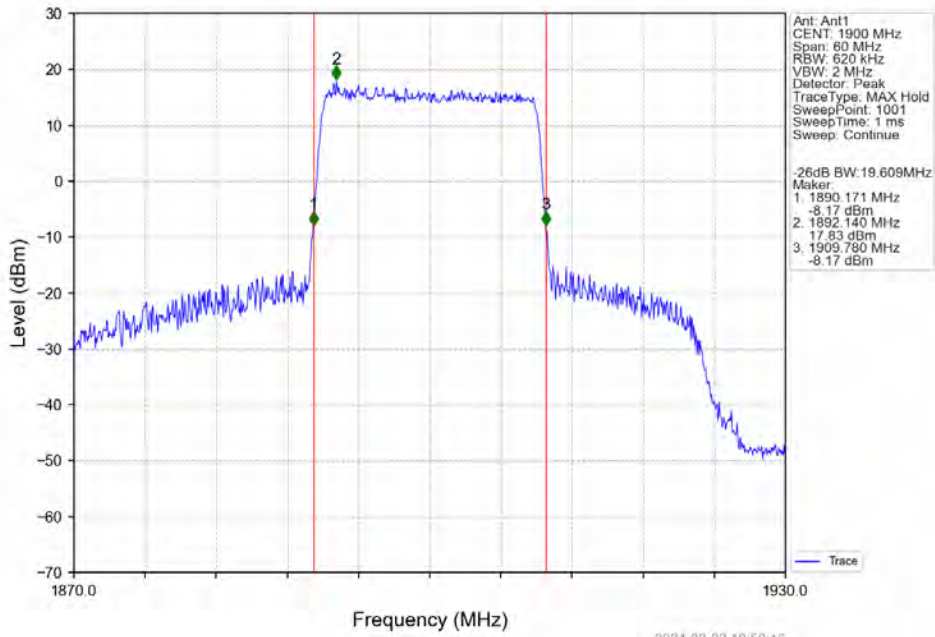
Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV



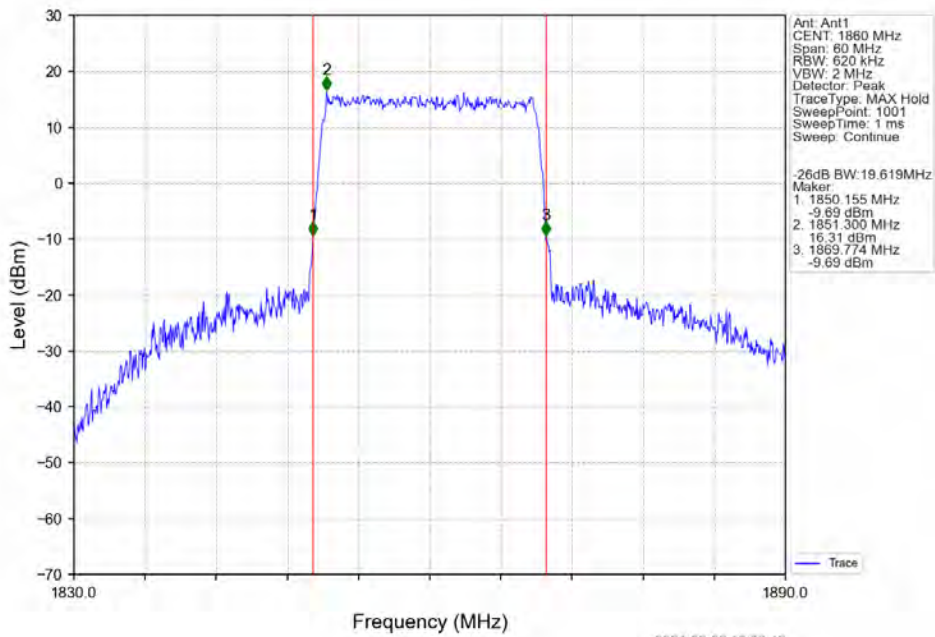
Band2_20MHz_QPSK_MCH_1880MHz_RB_100_0_NTNV



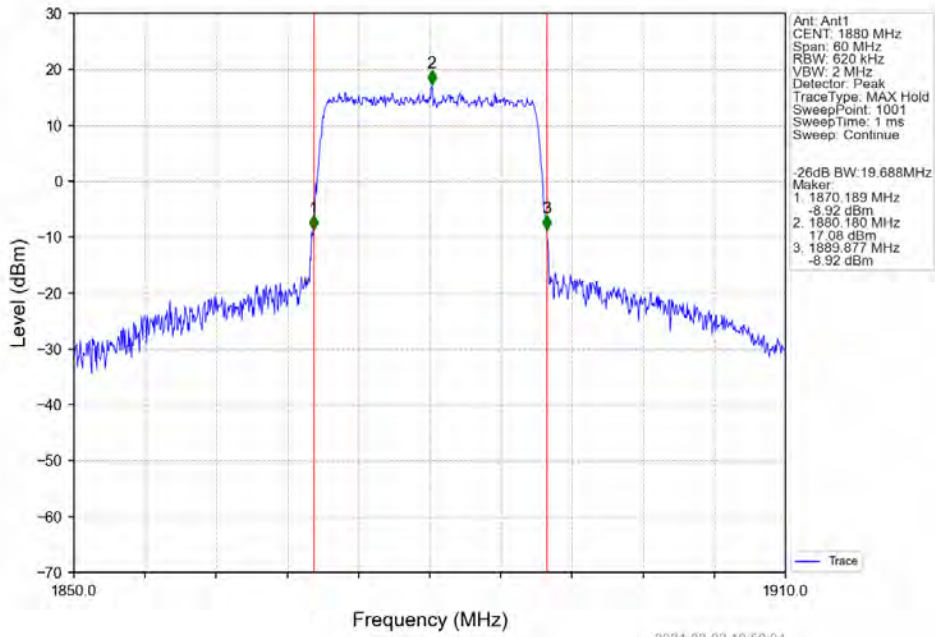
Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



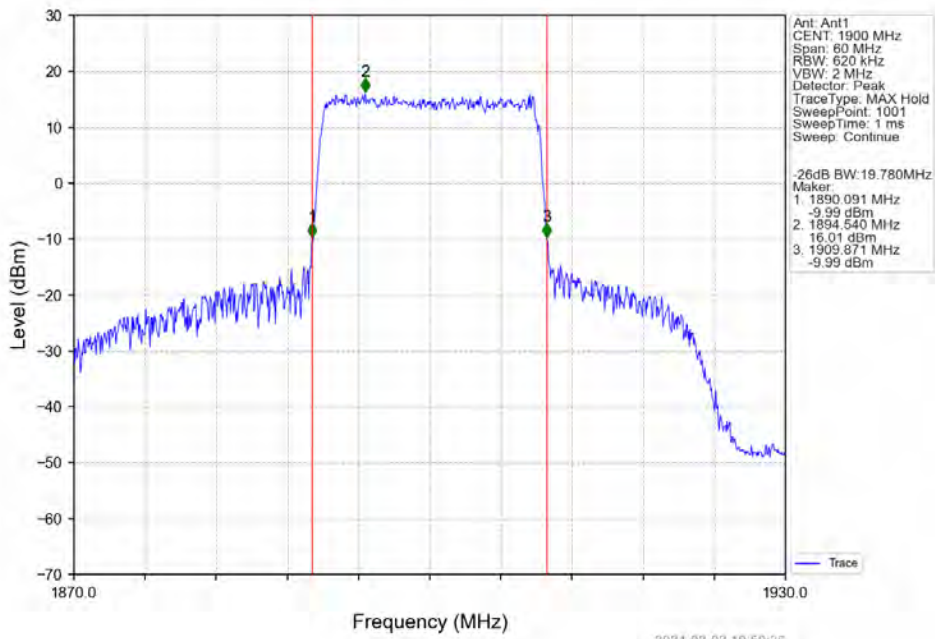
Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 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	5.12	<=13	Pass
	1880	6	0	4.94	<=13	Pass
	1909.3	6	0	4.78	<=13	Pass
16QAM	1850.7	6	0	5.94	<=13	Pass
	1880	6	0	5.77	<=13	Pass
	1909.3	6	0	5.59	<=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	5.19	<=13	Pass
	1880	15	0	5.05	<=13	Pass
	1908.5	15	0	5.00	<=13	Pass
16QAM	1851.5	15	0	6.03	<=13	Pass
	1880	15	0	5.86	<=13	Pass
	1908.5	15	0	5.80	<=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	5.43	<=13	Pass
	1880	25	0	5.34	<=13	Pass
	1907.5	25	0	5.39	<=13	Pass
16QAM	1852.5	25	0	6.13	<=13	Pass
	1880	25	0	6.01	<=13	Pass
	1907.5	25	0	6.06	<=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	5.38	<=13	Pass
	1880	50	0	5.36	<=13	Pass
	1905	50	0	5.44	<=13	Pass
16QAM	1855	50	0	6.13	<=13	Pass
	1880	50	0	6.11	<=13	Pass

	1905	50	0	6.15	<=13	Pass
--	------	----	---	------	------	------

5.1.5 B2_15MHz

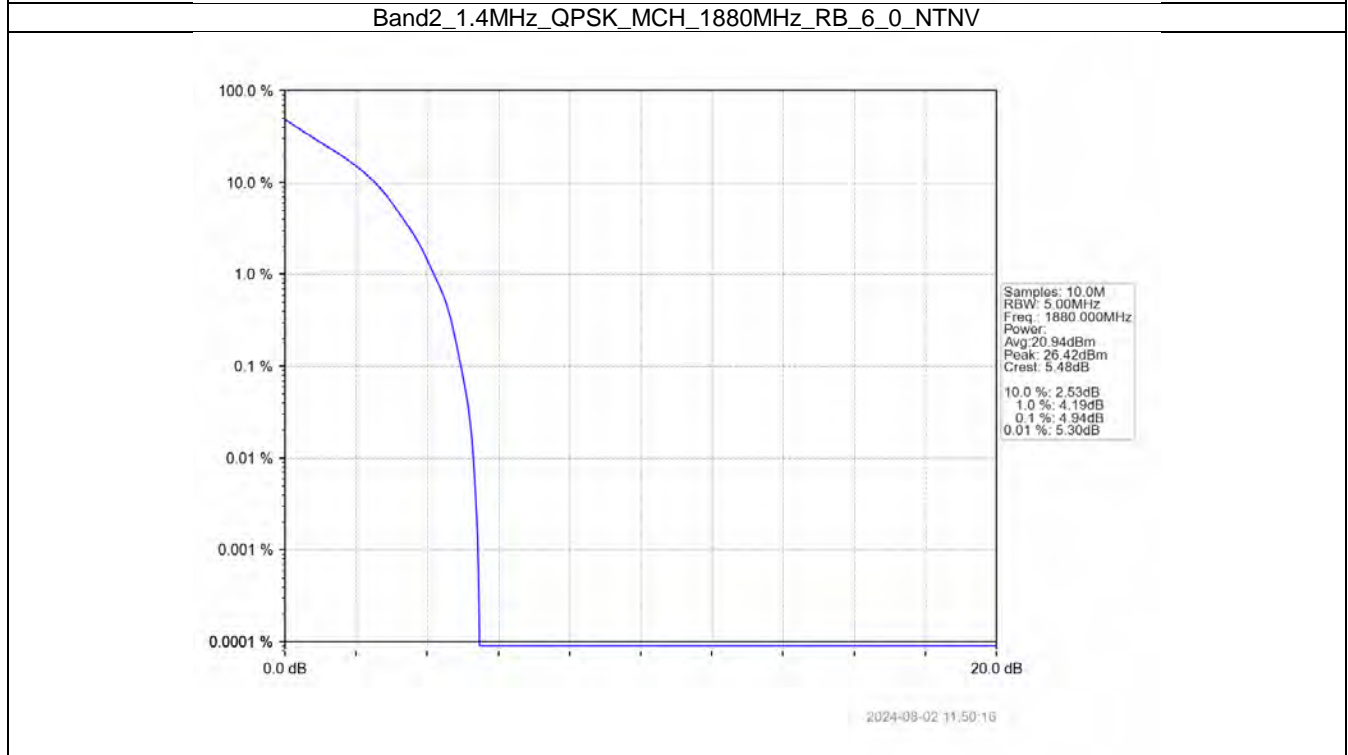
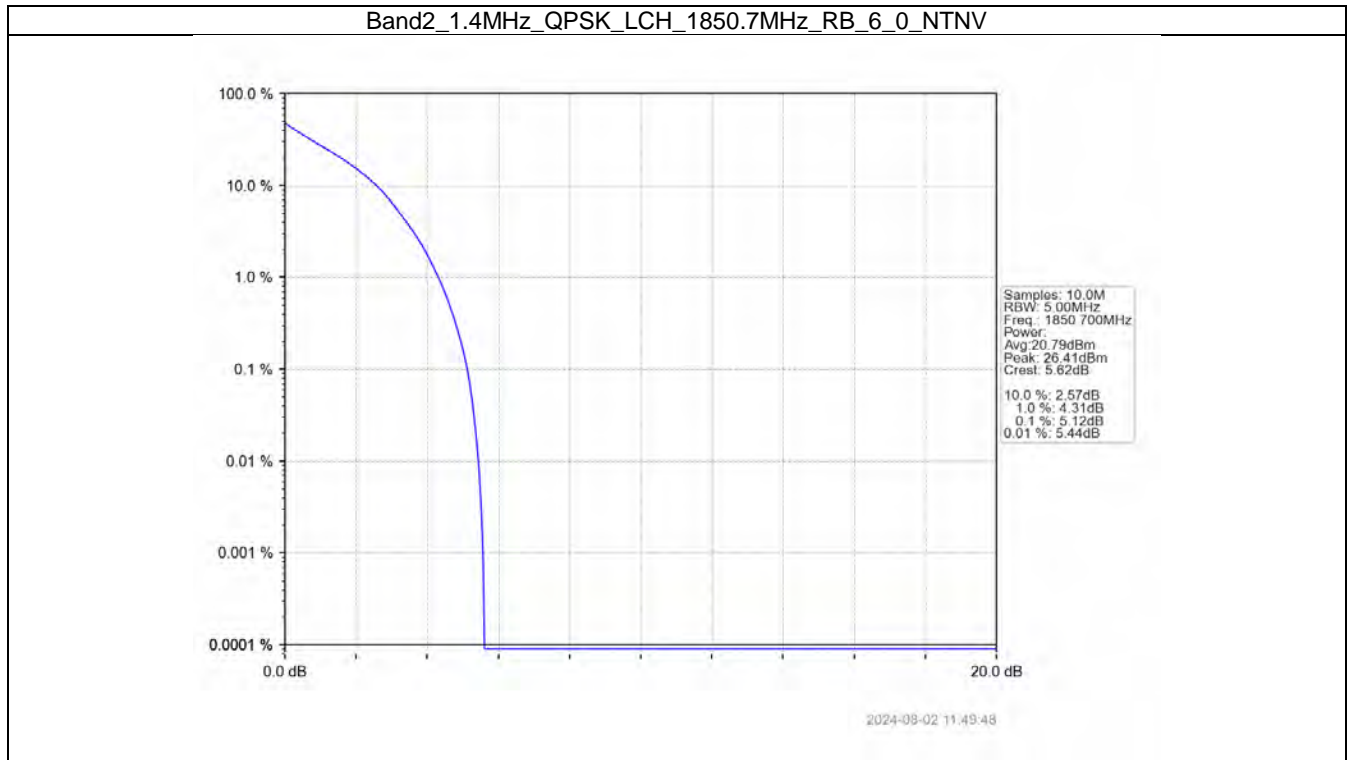
Band: 2 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	5.58	<=13	Pass
	1880	75	0	5.48	<=13	Pass
	1902.5	75	0	5.60	<=13	Pass
16QAM	1857.5	75	0	6.15	<=13	Pass
	1880	75	0	6.08	<=13	Pass
	1902.5	75	0	6.21	<=13	Pass

5.1.6 B2_20MHz

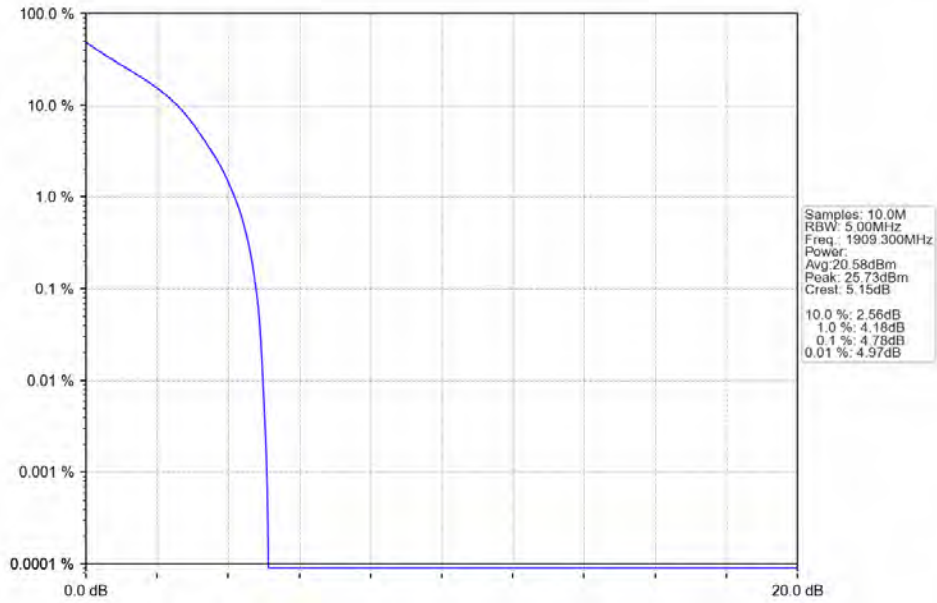
Band: 2 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.51	<=13	Pass
	1880	100	0	5.43	<=13	Pass
	1900	100	0	5.46	<=13	Pass
16QAM	1860	100	0	6.18	<=13	Pass
	1880	100	0	6.15	<=13	Pass
	1900	100	0	6.21	<=13	Pass

5.2 Test Graph

5.2.1 B2_1.4MHz

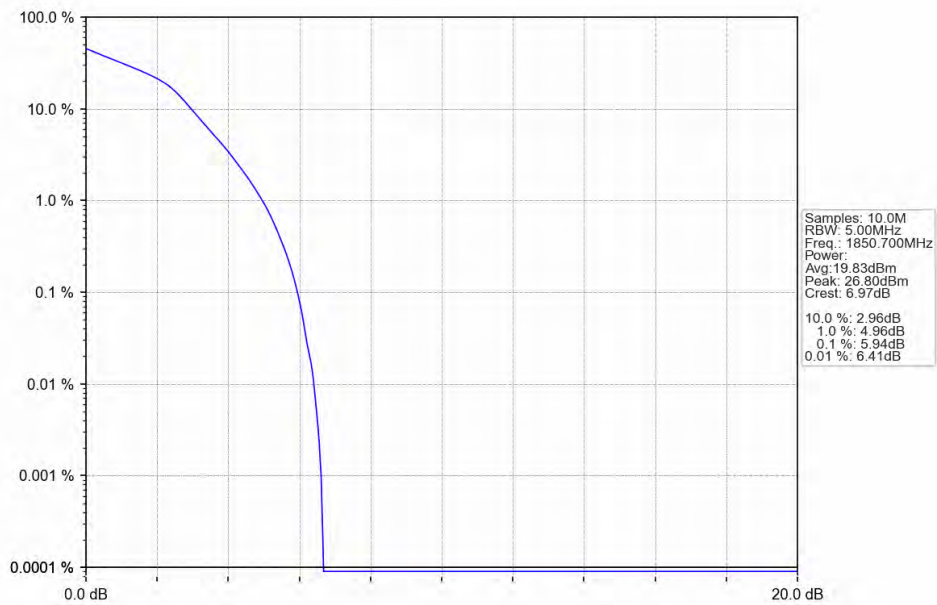


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



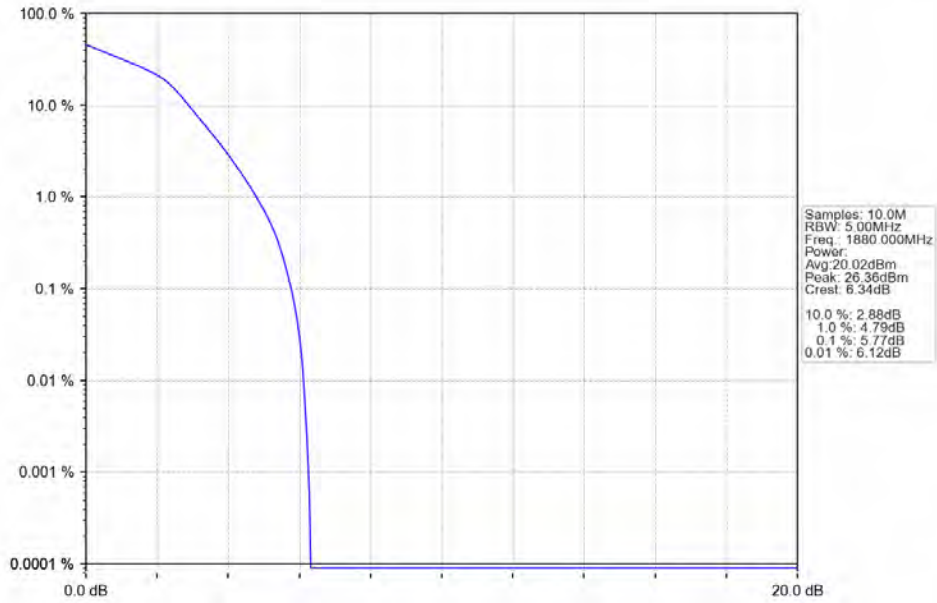
2024-08-02 11:50:41

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV



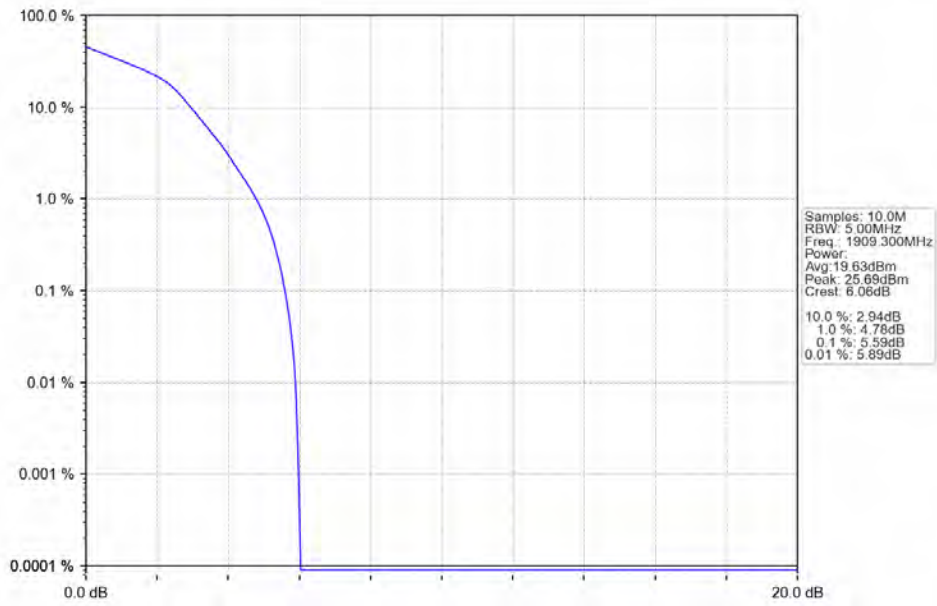
2024-08-02 11:50:02

Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



2024-09-02 11:50:27

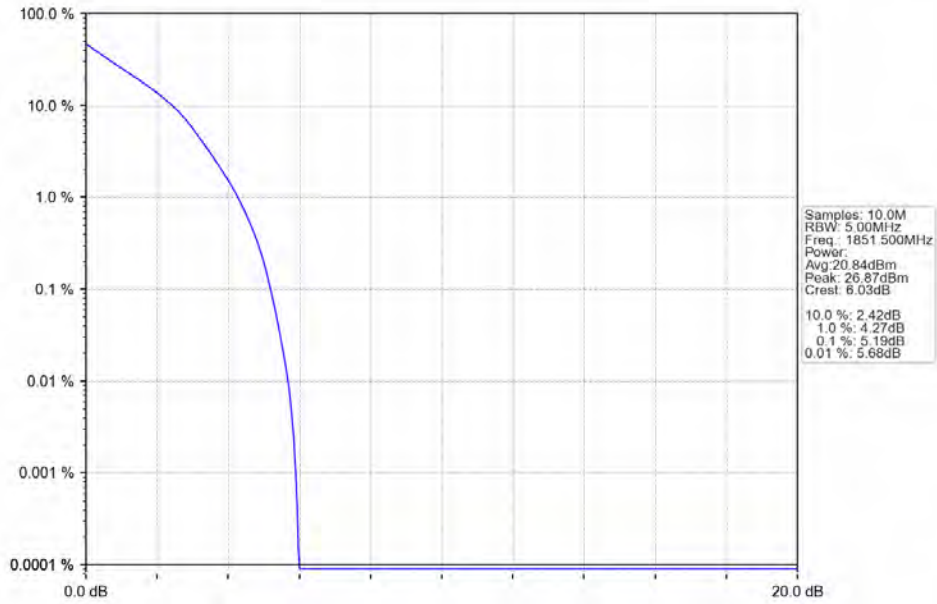
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



2024-09-02 11:50:53

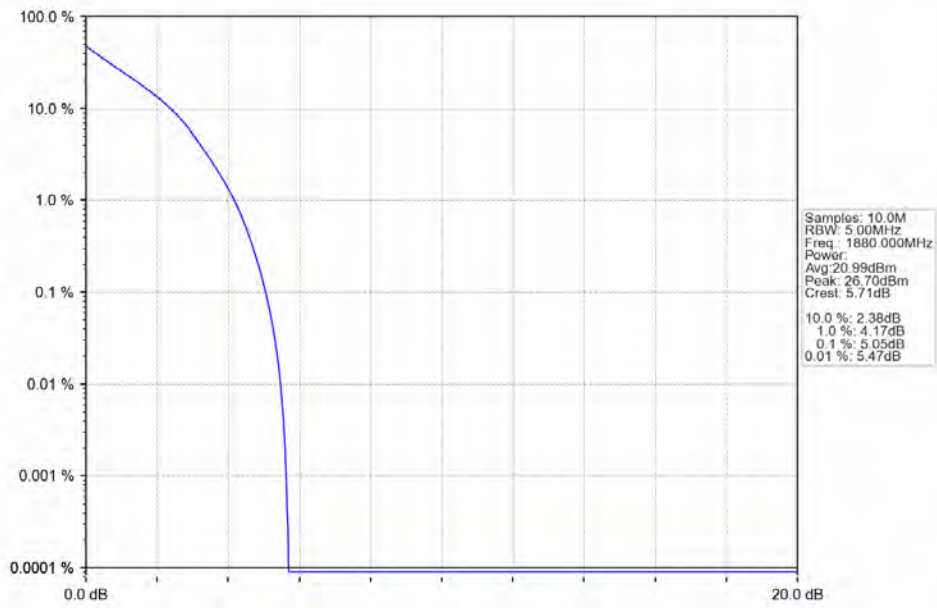
5.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



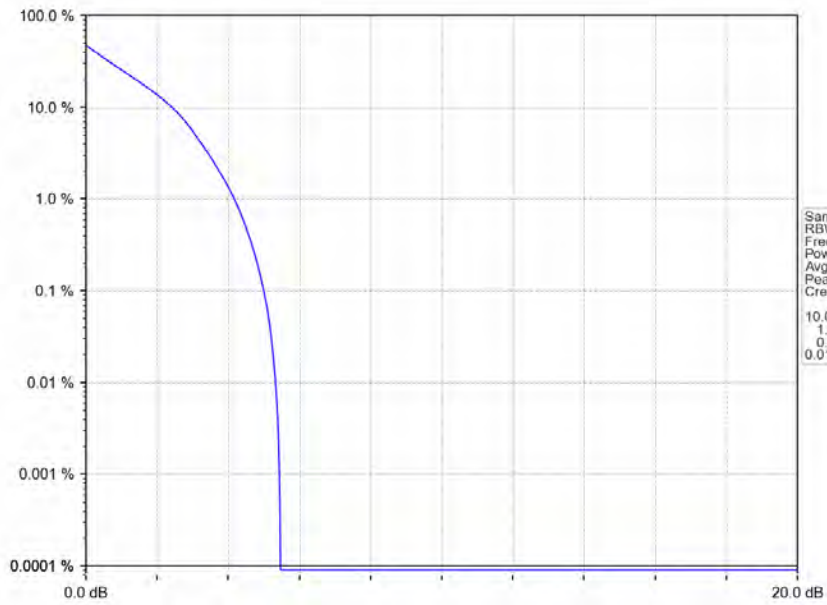
2024-08-02 11:51:31

Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV



2024-08-02 11:51:57

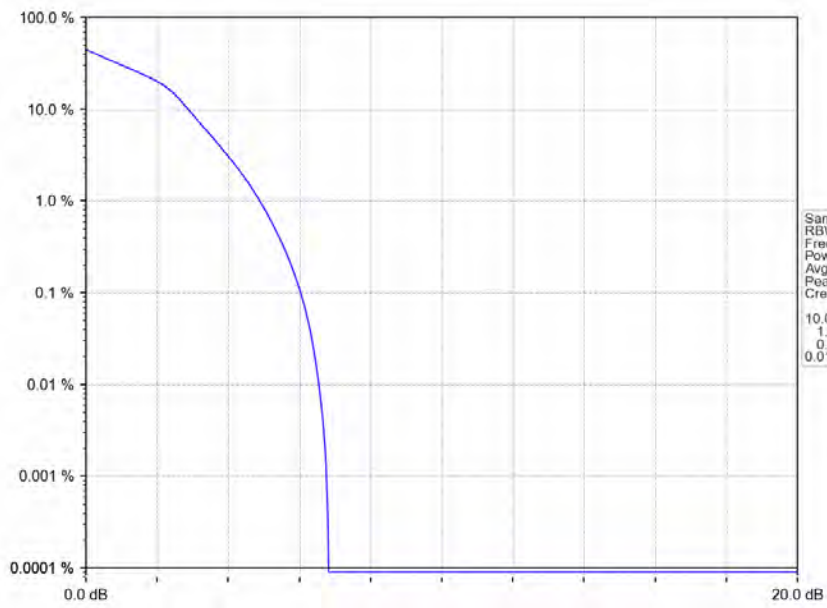
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq.: 1908.500MHz
Power:
Avg: 20.65dBm
Peak: 26.12dBm
Crest: 5.47dB
10.0 %: 2.41dB
1.0 %: 4.17dB
0.1 %: 5.00dB
0.01 %: 5.33dB

2024-08-02 11:52:23

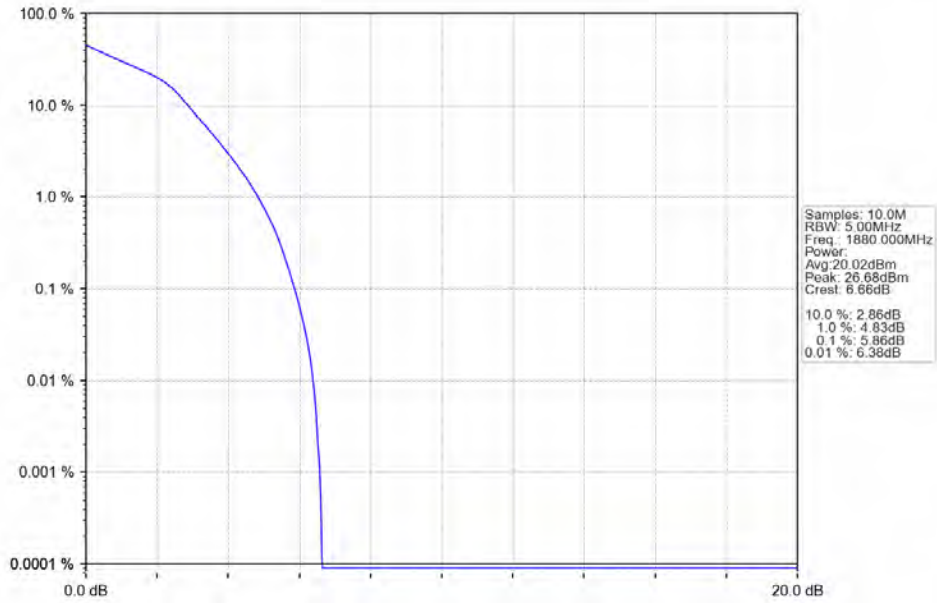
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



Samples: 10.0M
RBW: 5.00MHz
Freq.: 1851.500MHz
Power:
Avg: 19.93dBm
Peak: 26.76dBm
Crest: 6.83dB
10.0 %: 2.87dB
1.0 %: 4.89dB
0.1 %: 6.03dB
0.01 %: 6.54dB

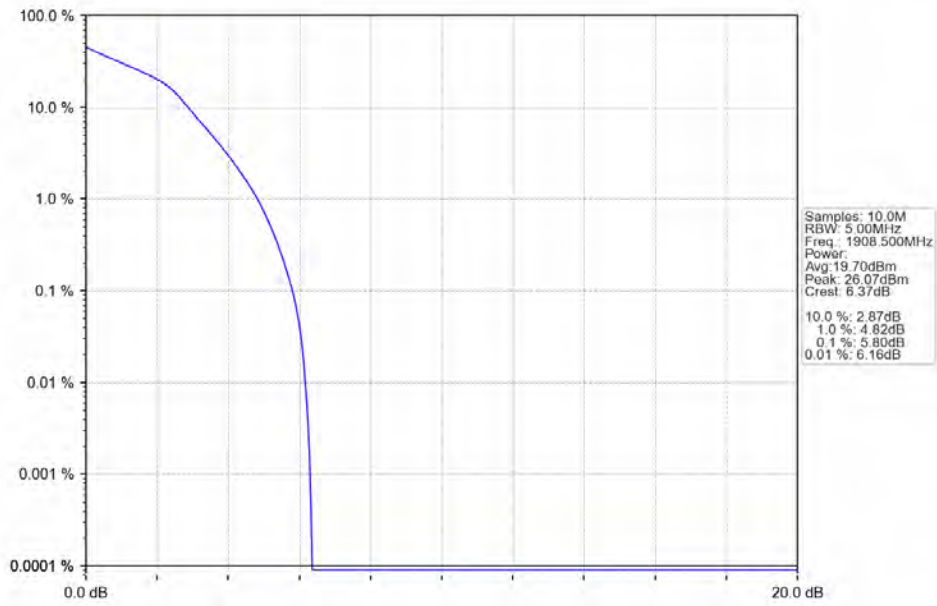
2024-08-02 11:51:43

Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



2024-08-02 11:52:10

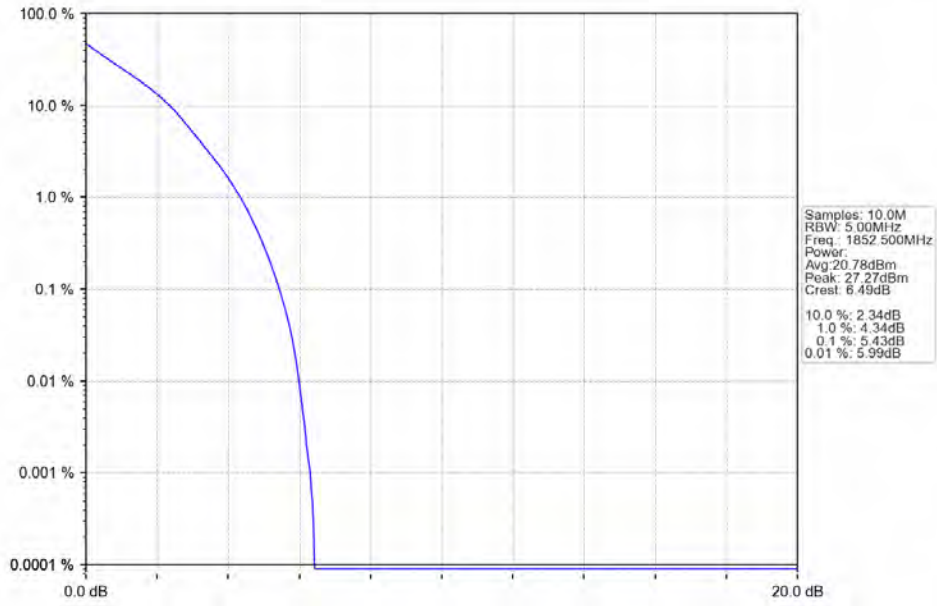
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



2024-08-02 11:52:35

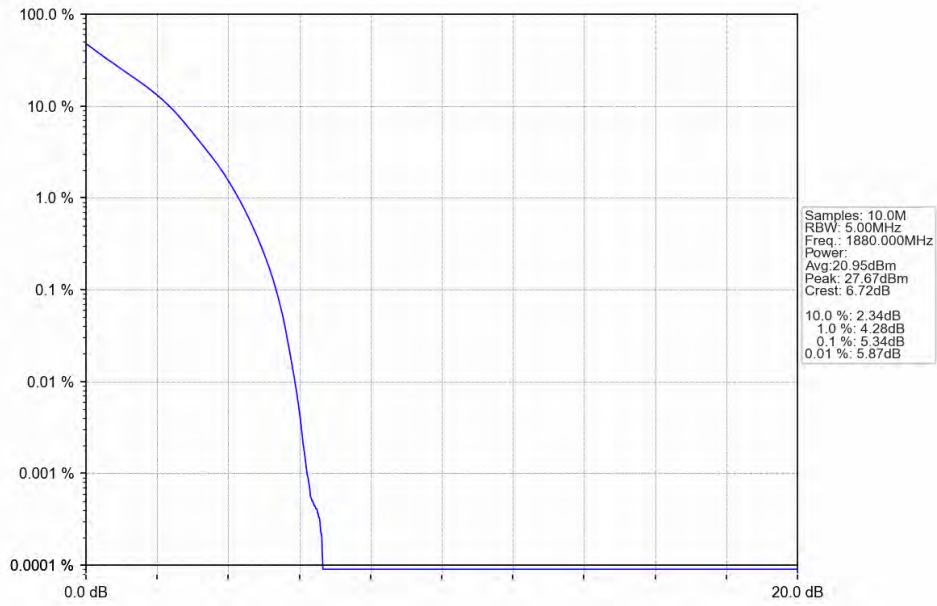
5.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



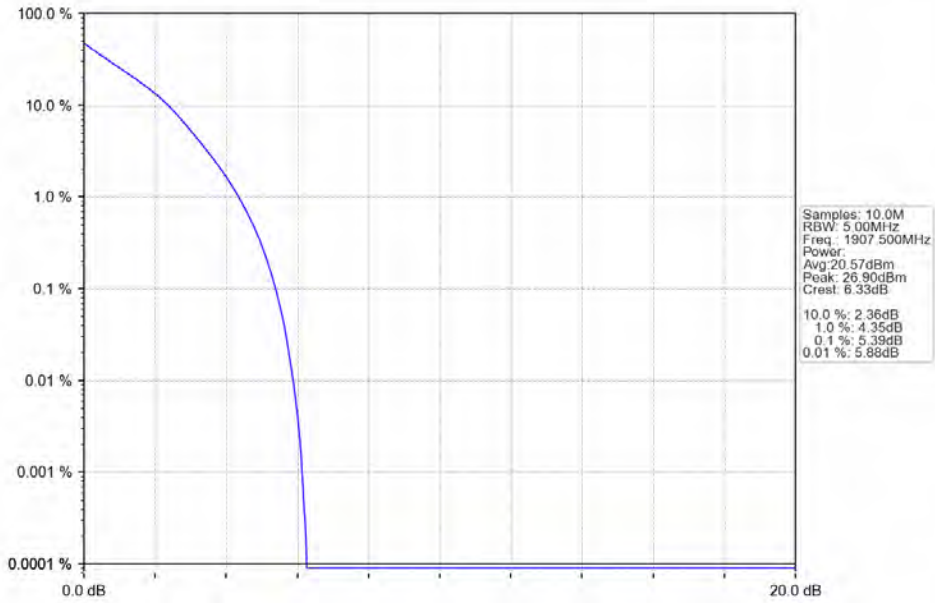
2024-08-02 11:53:14

Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV



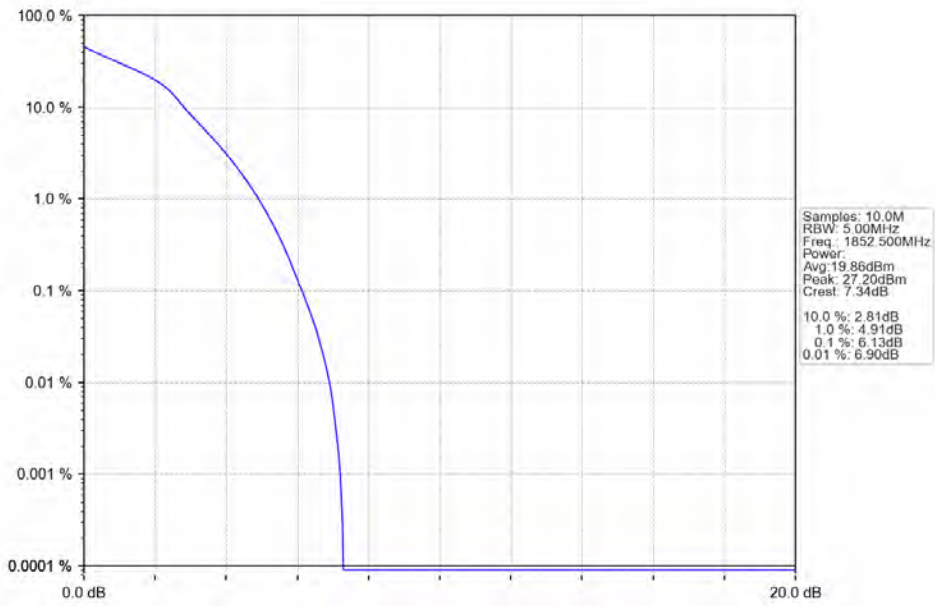
2024-08-02 11:53:42

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



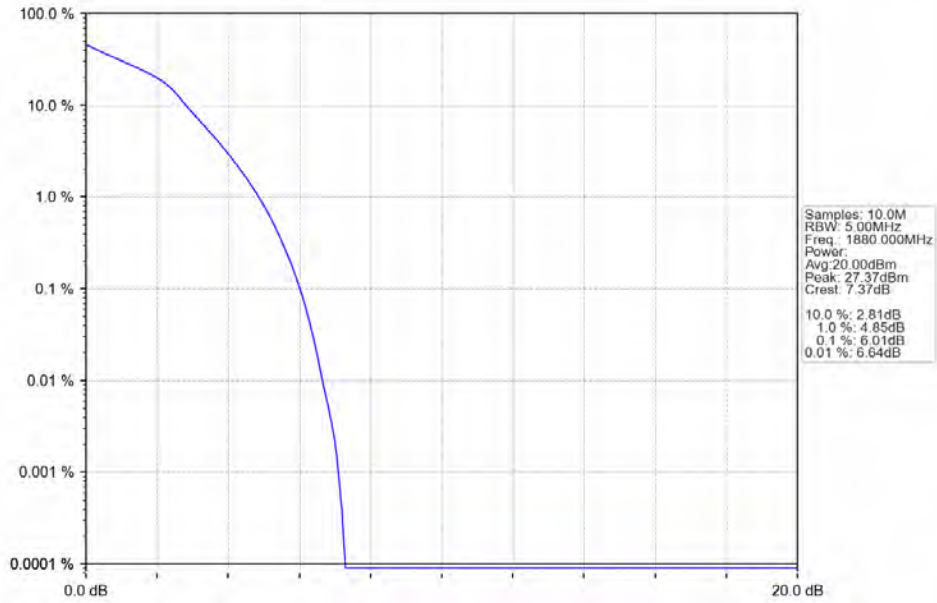
2024-08-02 11:54:09

Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV



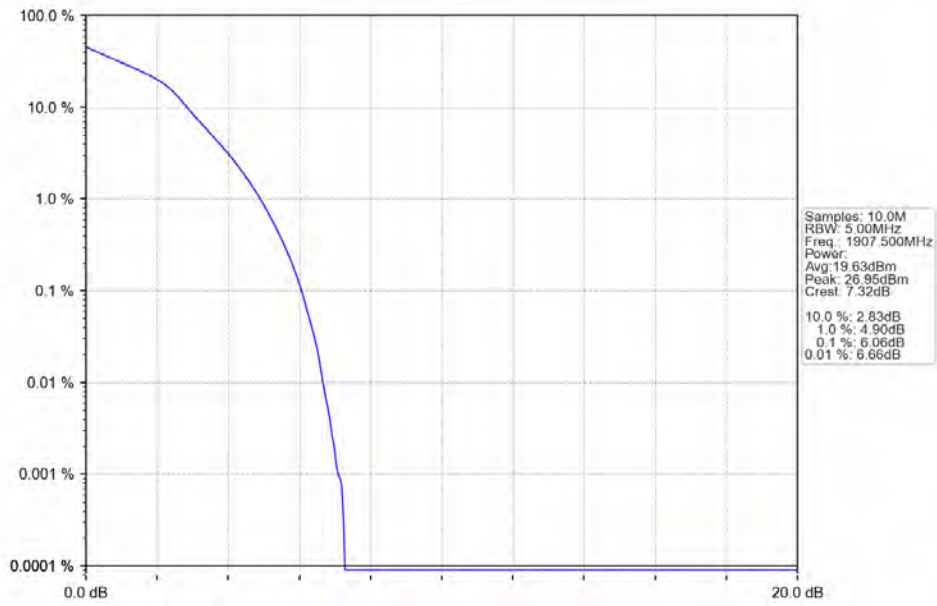
2024-08-02 11:53:27

Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



2024-08-02 11:53:55

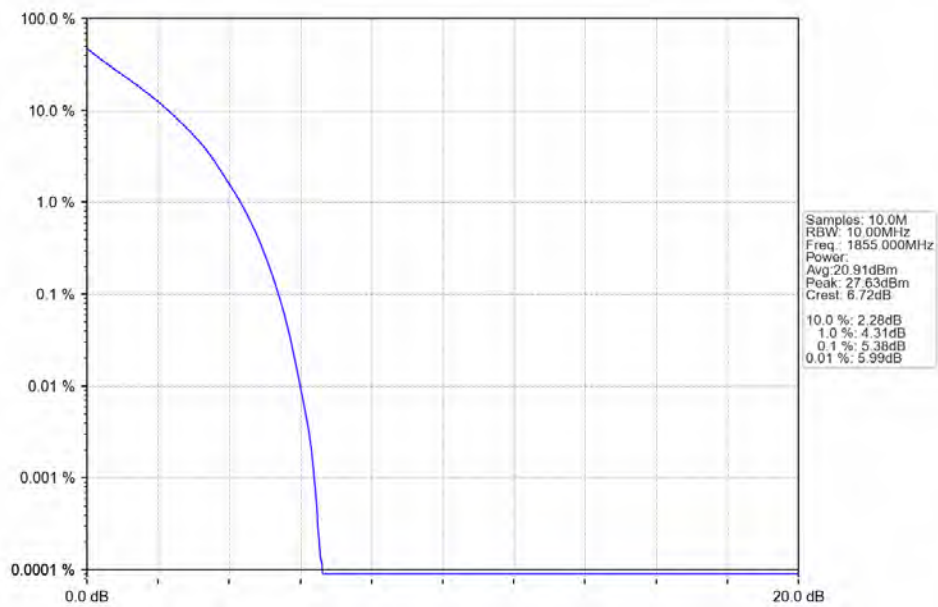
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV



2024-08-02 11:54:23

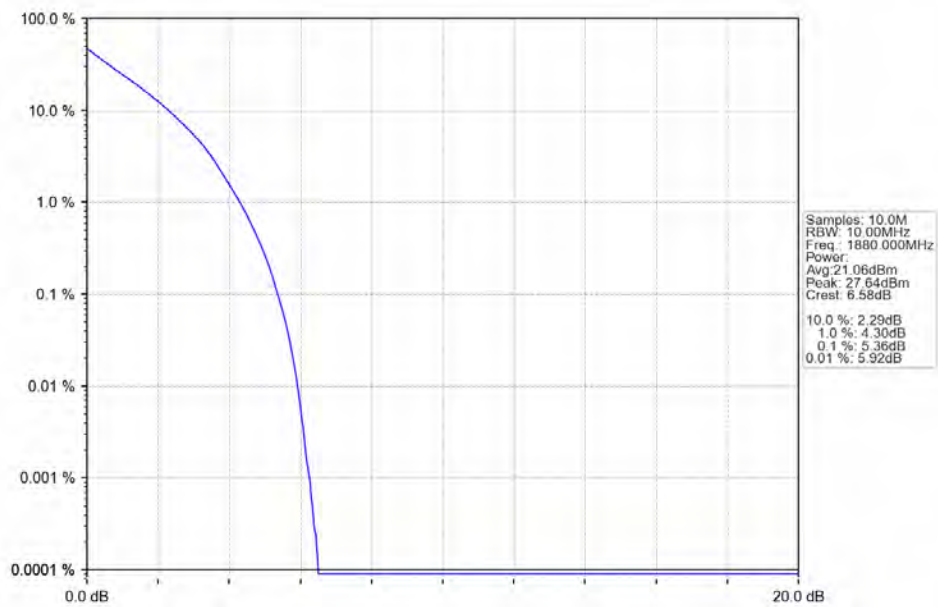
5.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



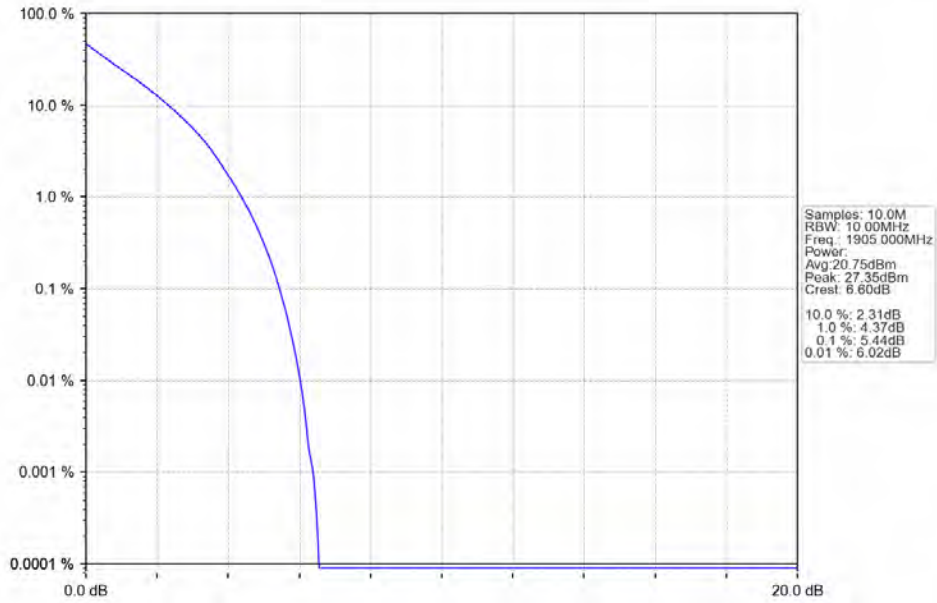
2024-08-02 11:55:05

Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV



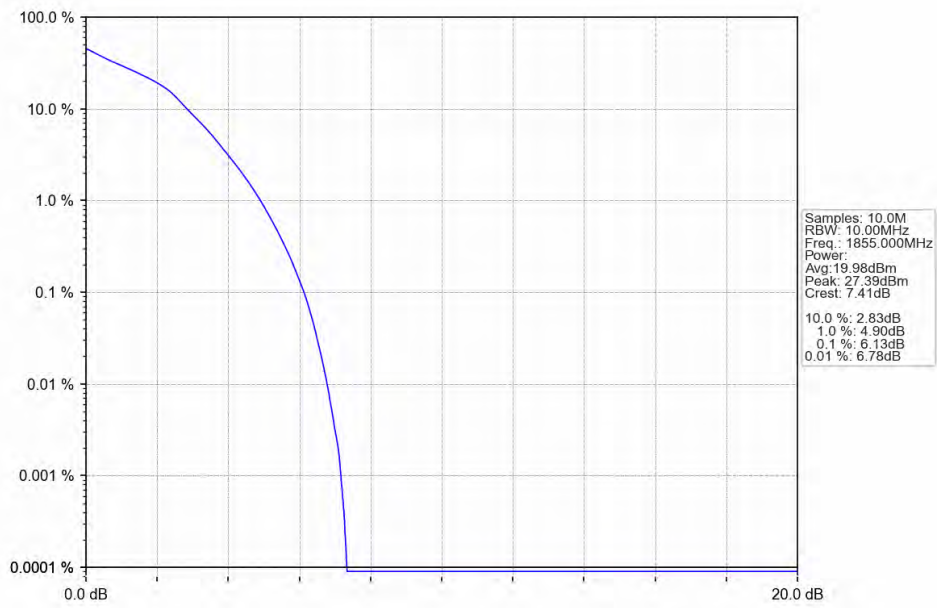
2024-08-02 11:55:38

Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



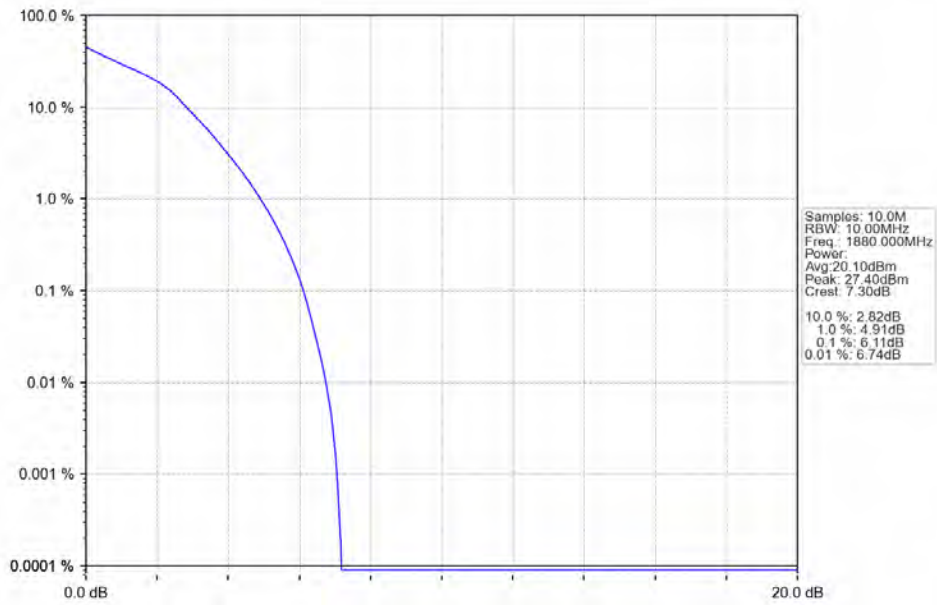
2024-08-02 11:56:11

Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



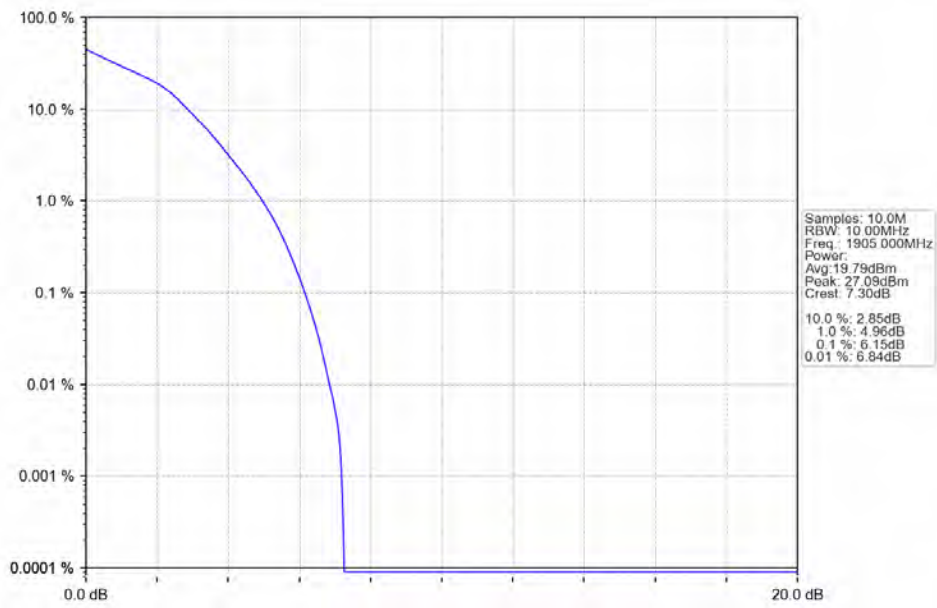
2024-08-02 11:55:21

Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV



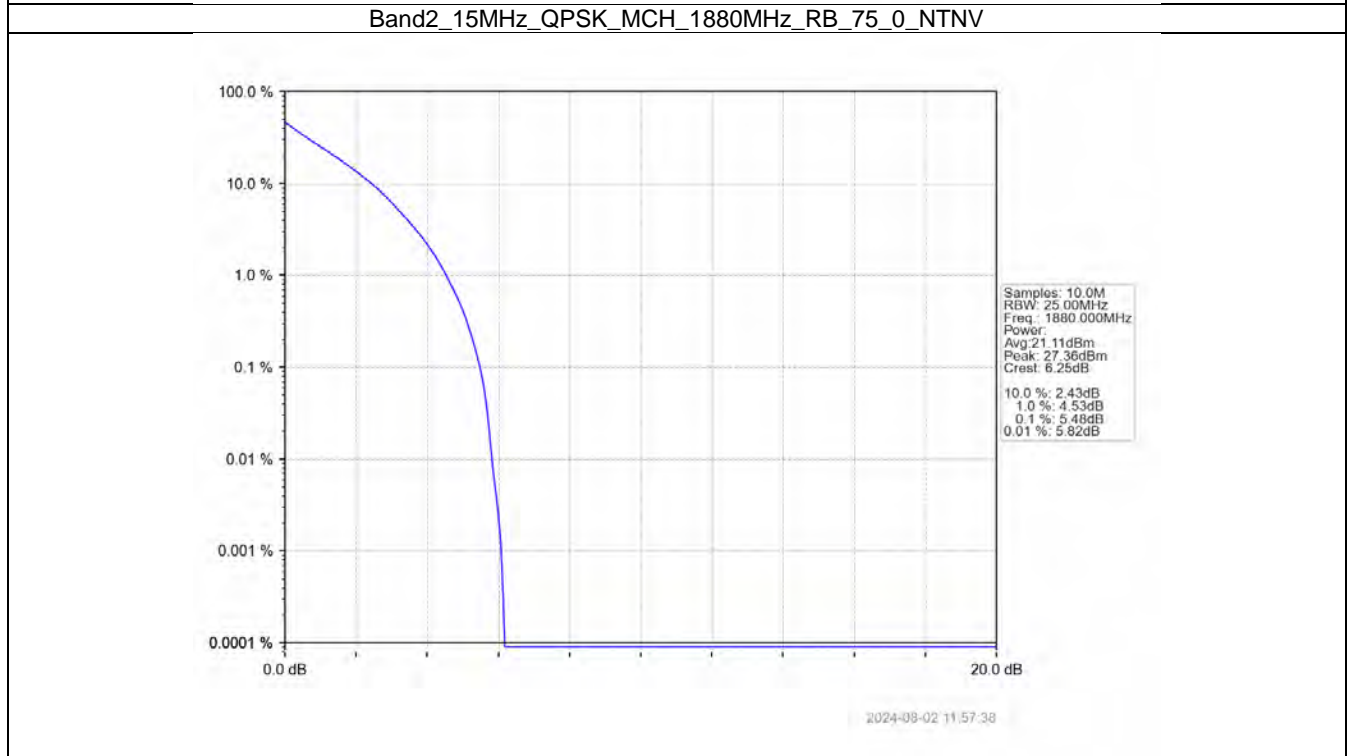
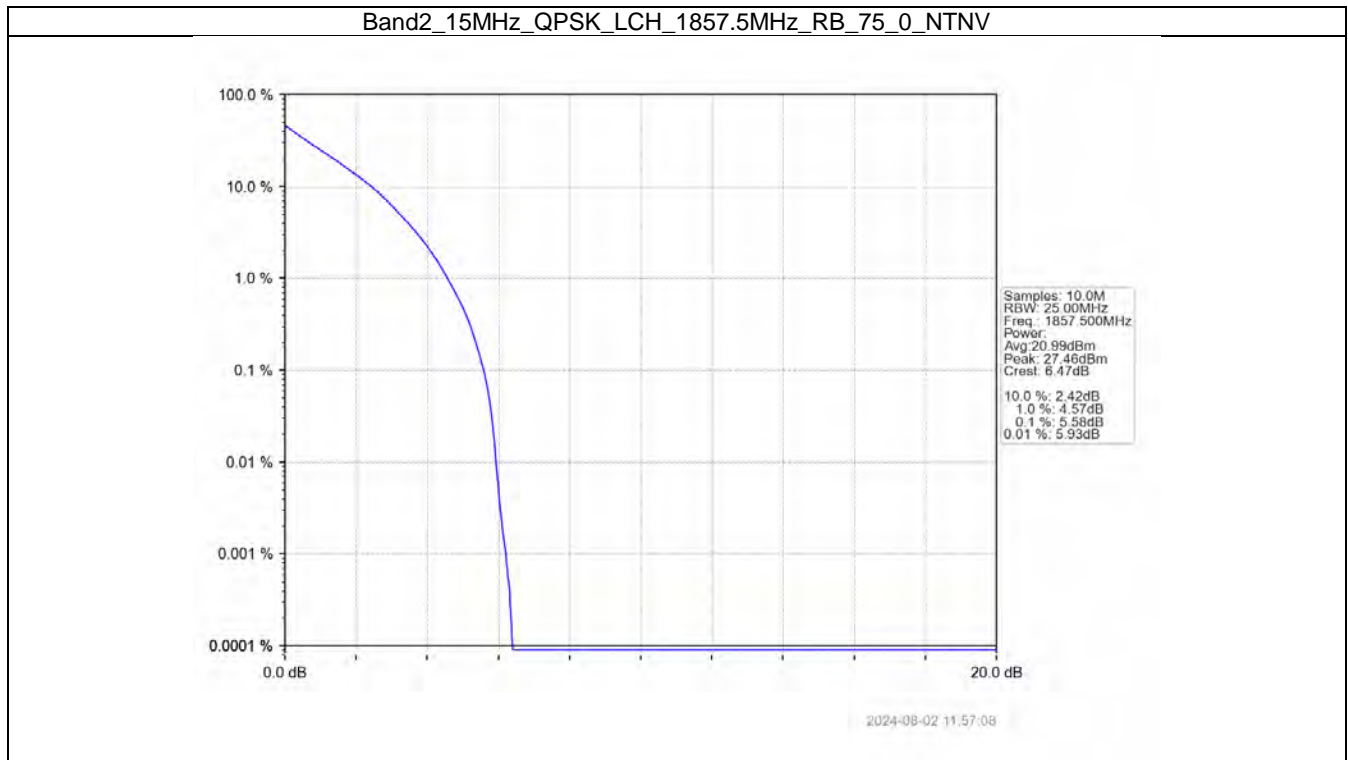
2024-08-02 11:55:53

Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTNV

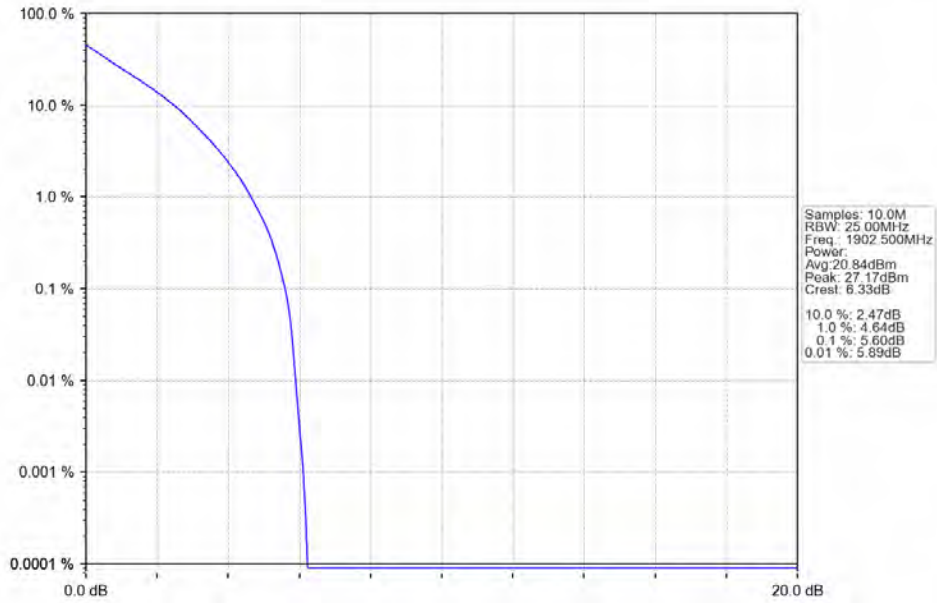


2024-08-02 11:56:26

5.2.5 B2_15MHz

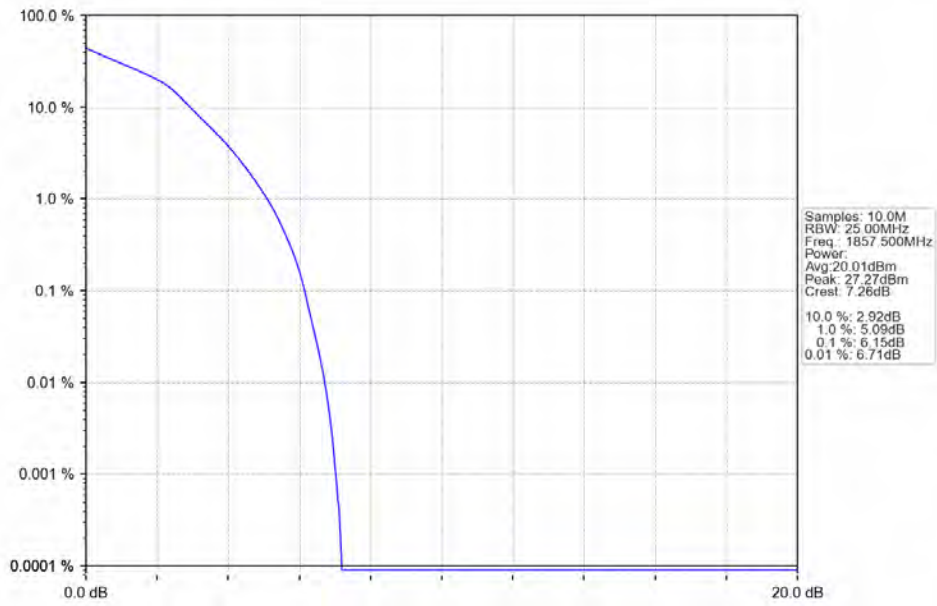


Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



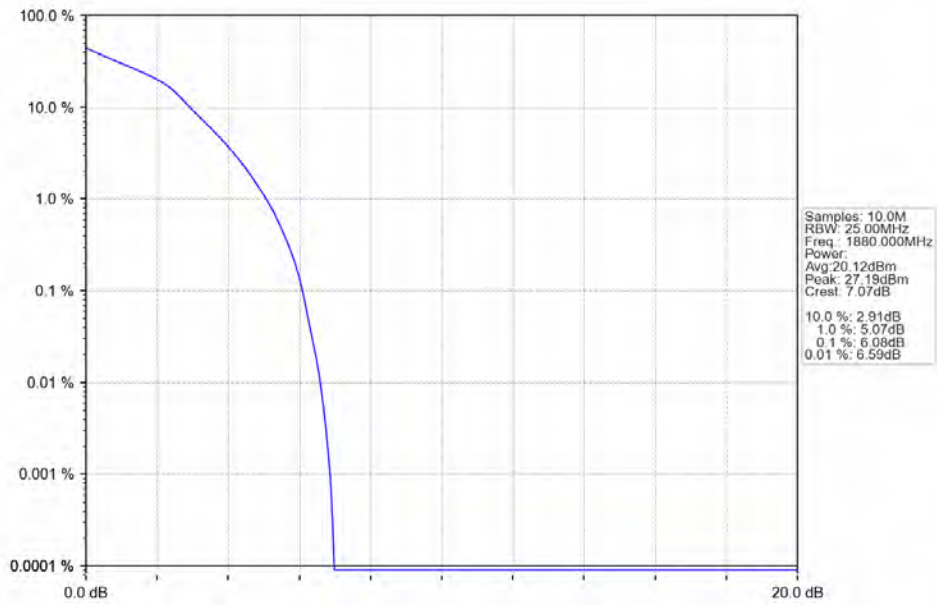
2024-09-02 11:58:08

Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV



2024-09-02 11:57:21

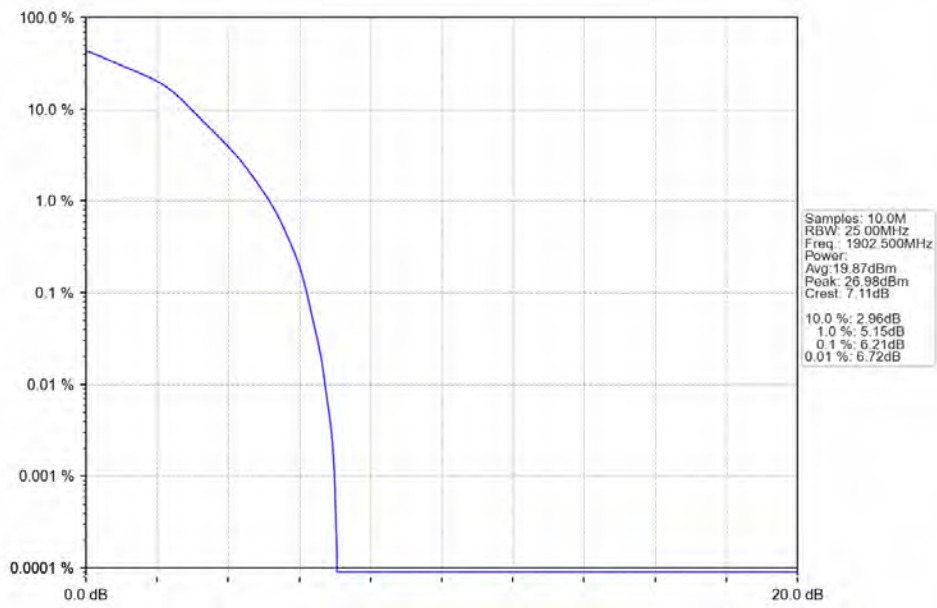
Band2_15MHz_16QAM_MCH_1880MHz_RB_75_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 1880.000MHz
Power:
Avg: 20.12dBm
Peak: 27.19dBm
Crest: 7.07dB
10.0 %: 2.91dB
1.0 %: 5.07dB
0.1 %: 6.08dB
0.01 %: 6.59dB

2024-08-02 11:57:52

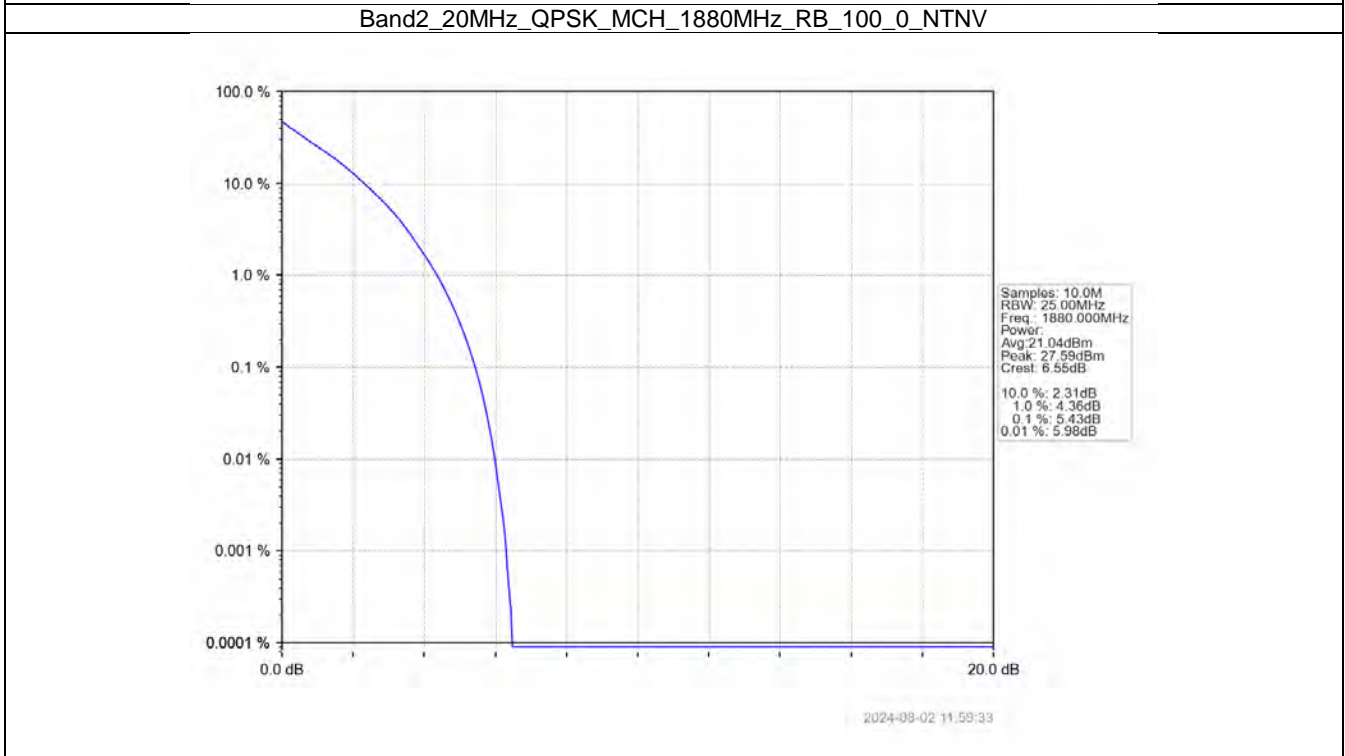
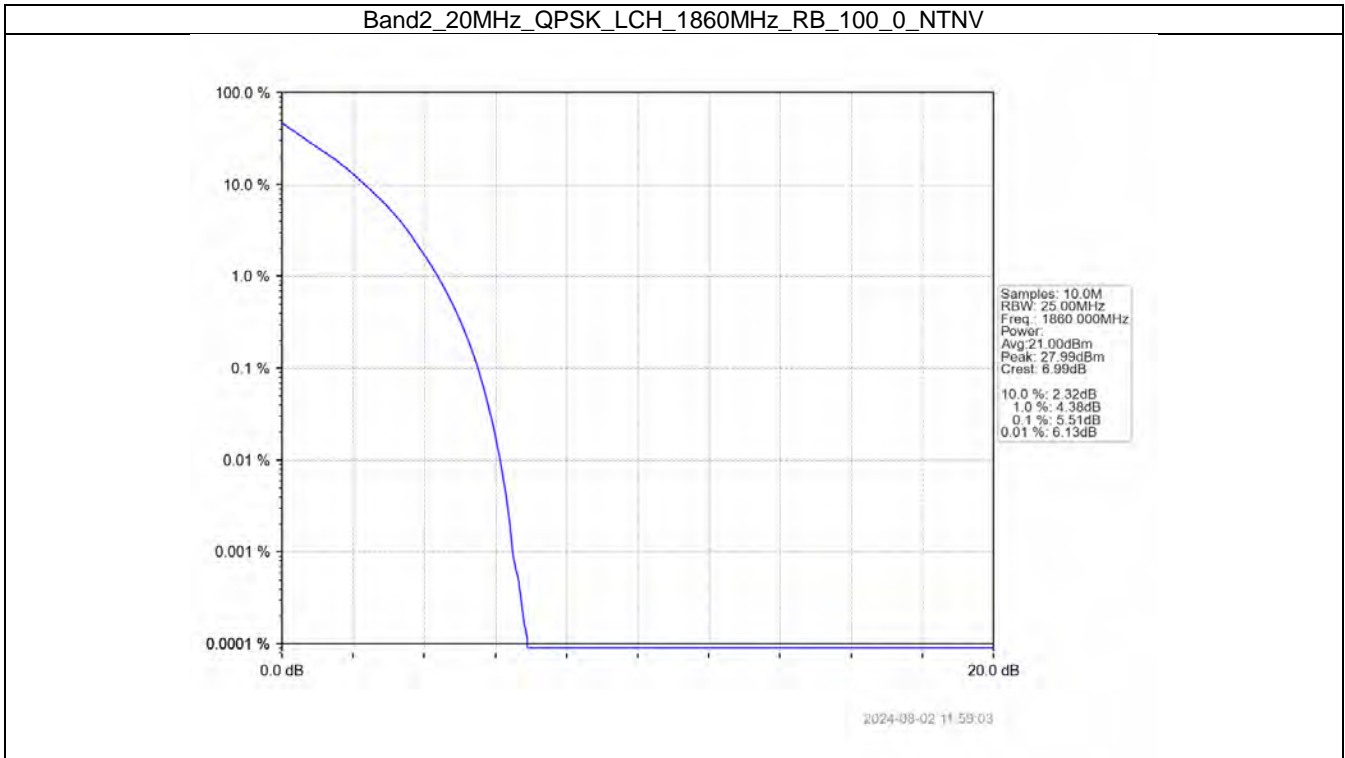
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



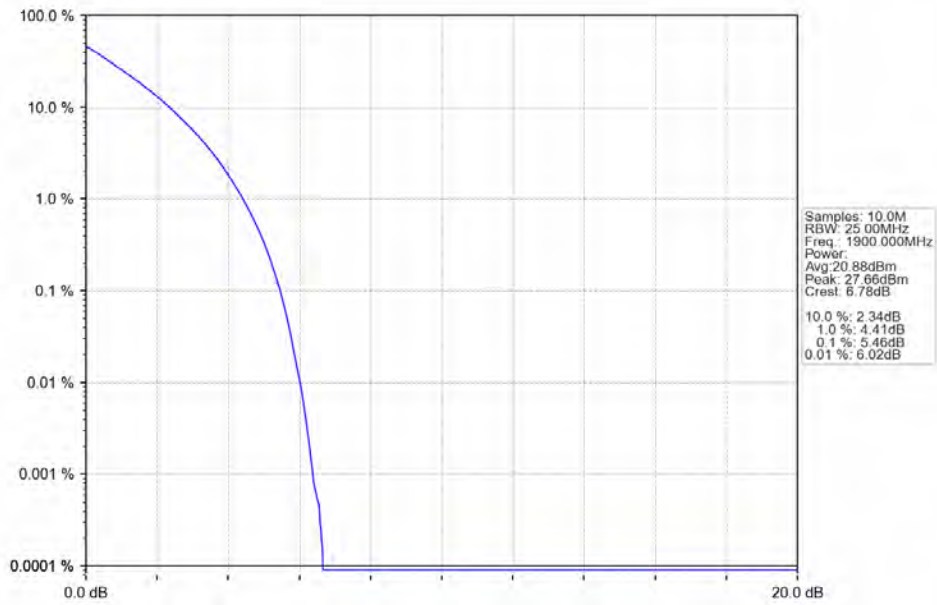
Samples: 10.0M
RBW: 25.00MHz
Freq: 1902.500MHz
Power:
Avg: 19.87dBm
Peak: 26.98dBm
Crest: 7.11dB
10.0 %: 2.96dB
1.0 %: 5.15dB
0.1 %: 6.21dB
0.01 %: 6.72dB

2024-08-02 11:58:22

5.2.6 B2_20MHz

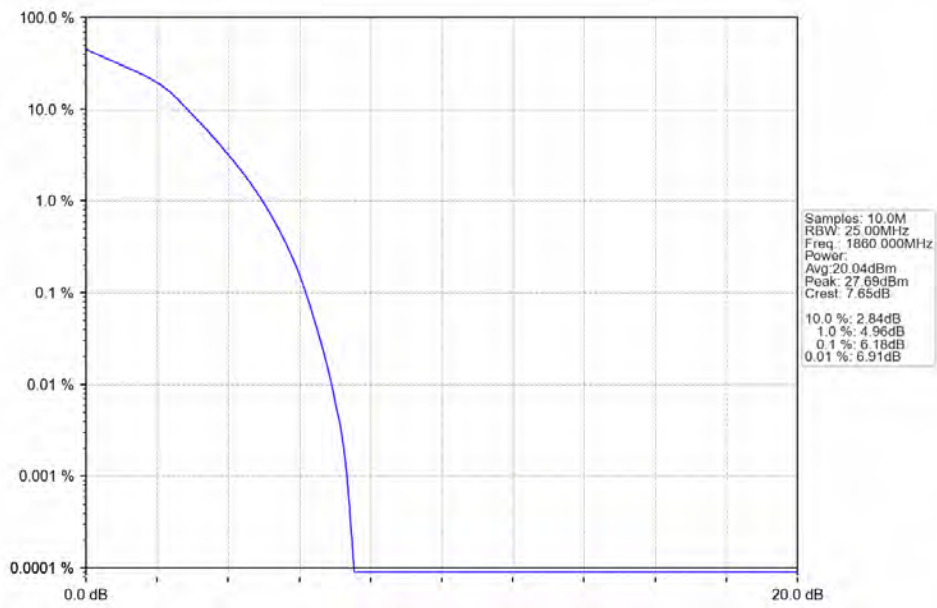


Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



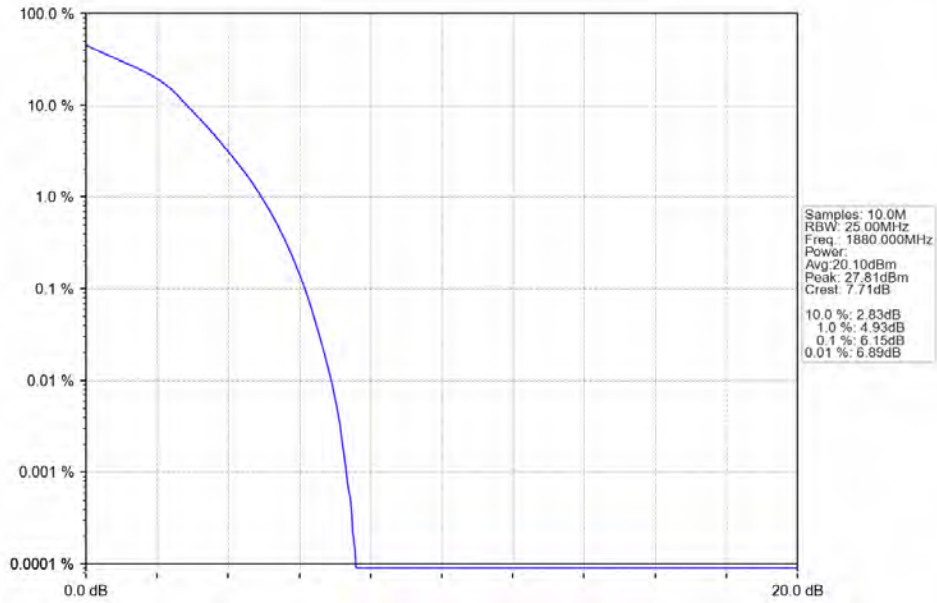
2024-08-02 12:00:03

Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV



2024-08-02 11:59:17

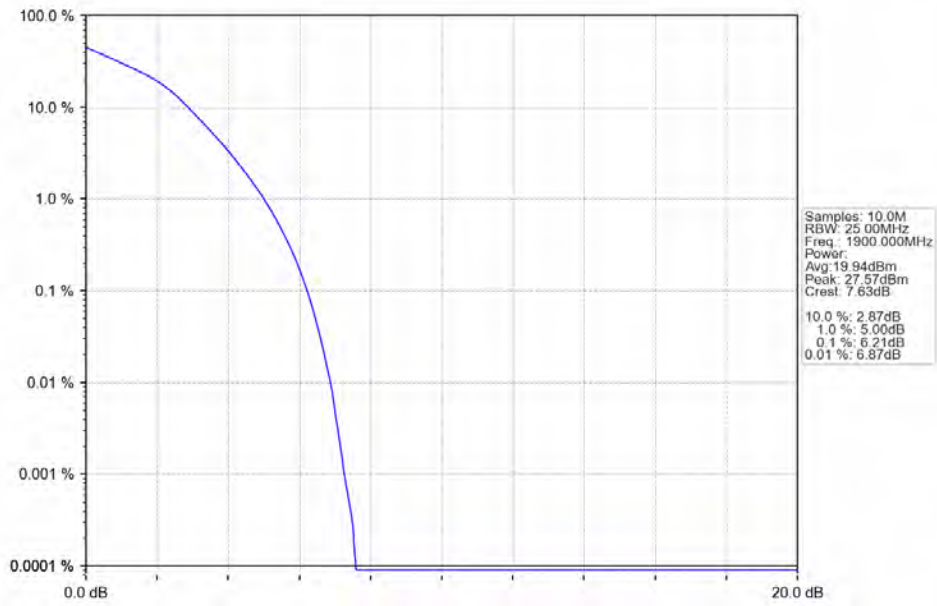
Band2_20MHz_16QAM_MCH_1880MHz_RB_100_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 1880.000MHz
Power:
Avg: 20.10dBm
Peak: 27.81dBm
Crest: 7.71dB
10.0 %: 2.83dB
1.0 %: 4.93dB
0.1 %: 6.15dB
0.01 %: 6.89dB

2024-08-02 11:59:47

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 1900.000MHz
Power:
Avg: 19.94dBm
Peak: 27.57dBm
Crest: 7.63dB
10.0 %: 2.87dB
1.0 %: 5.00dB
0.1 %: 6.21dB
0.01 %: 6.87dB

2024-08-02 12:00:17

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	
	1880	1	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
16QAM	1850.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1880	1	0	Refer To Test Graph		Pass	
		1909.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
			6	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	
	1880	1	0	Refer To Test Graph		Pass	
		1908.5	1	0	Refer To Test Graph		Pass
				14	Refer To Test Graph		Pass
			15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass	
		15	0	Refer To Test Graph		Pass	
	1880	1	0	Refer To Test Graph		Pass	
		1908.5	1	0	Refer To Test Graph		Pass
				14	Refer To Test Graph		Pass
			15	0	Refer To Test Graph		Pass

6.1.3 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	
	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
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 / NTNV						
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 / NTNV						
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	

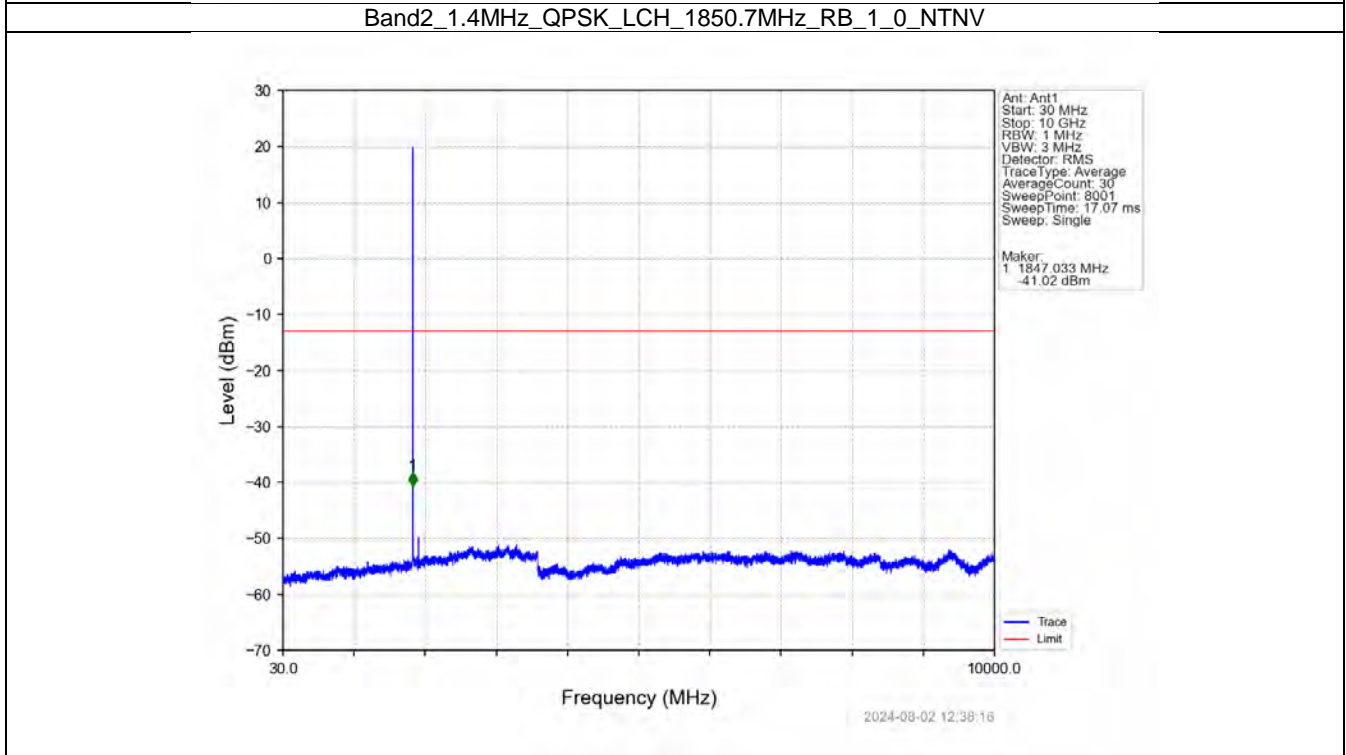
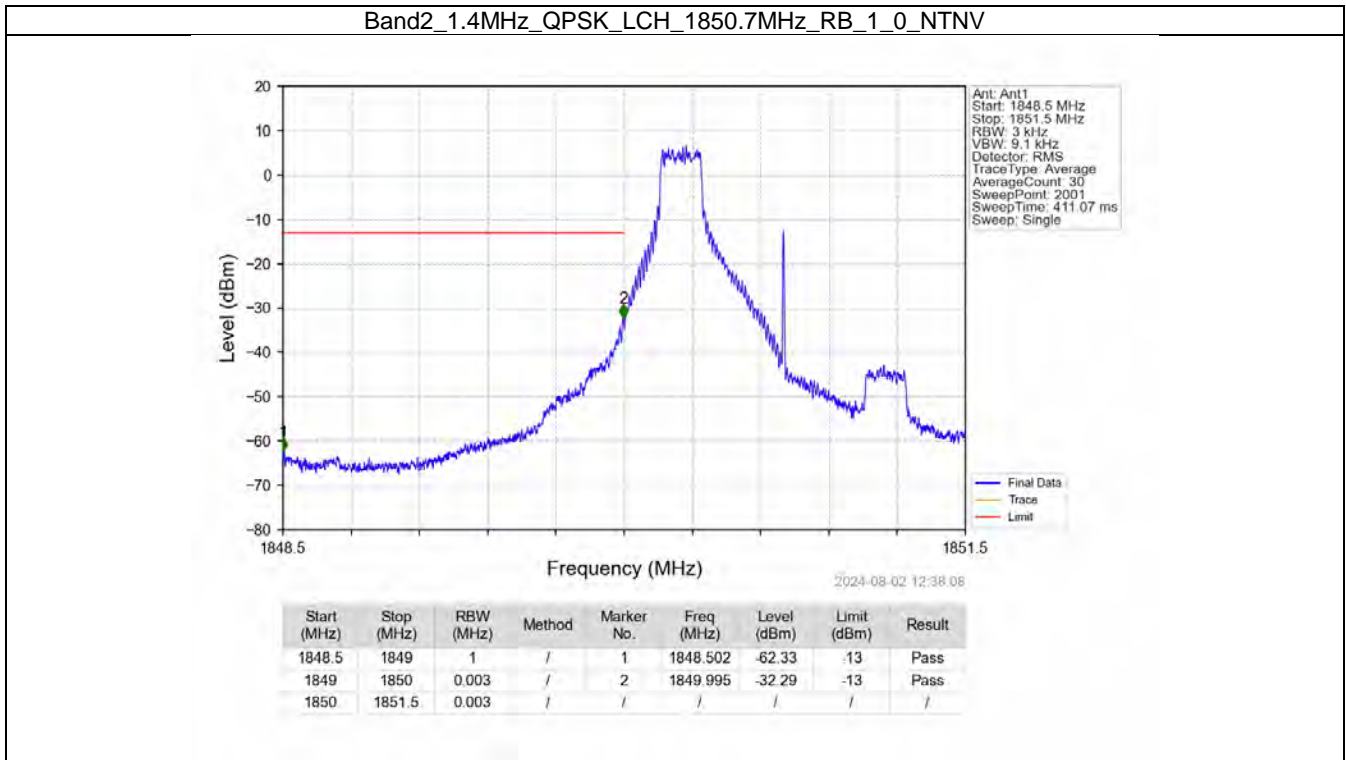
6.1.6 B2_20MHz

Band: 2 / Bandwidth: 20MHz / NTNV						
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	

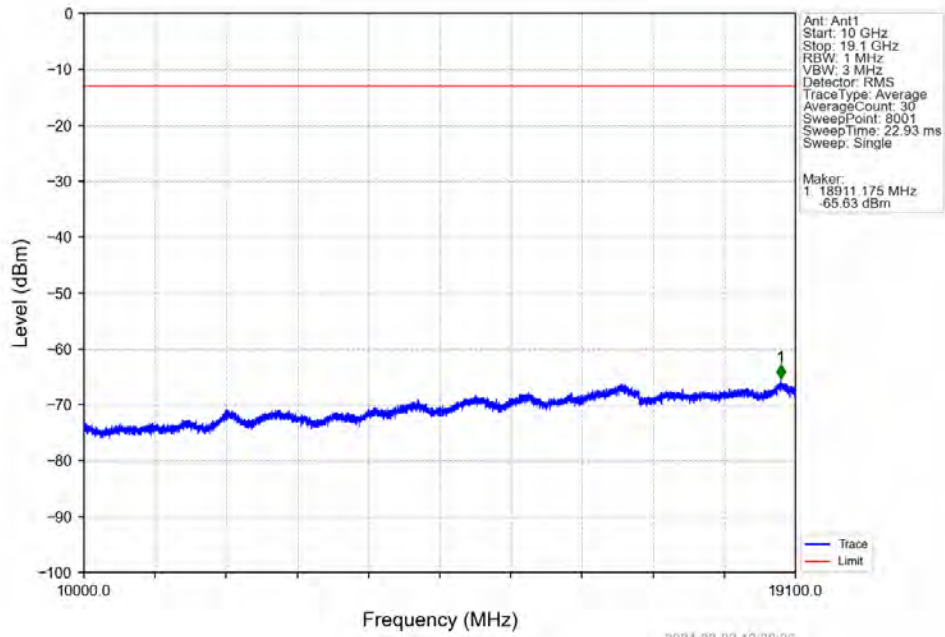
		100	0	Refer To Test Graph	Pass
	1880	1	0	Refer To Test Graph	Pass
	1900	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

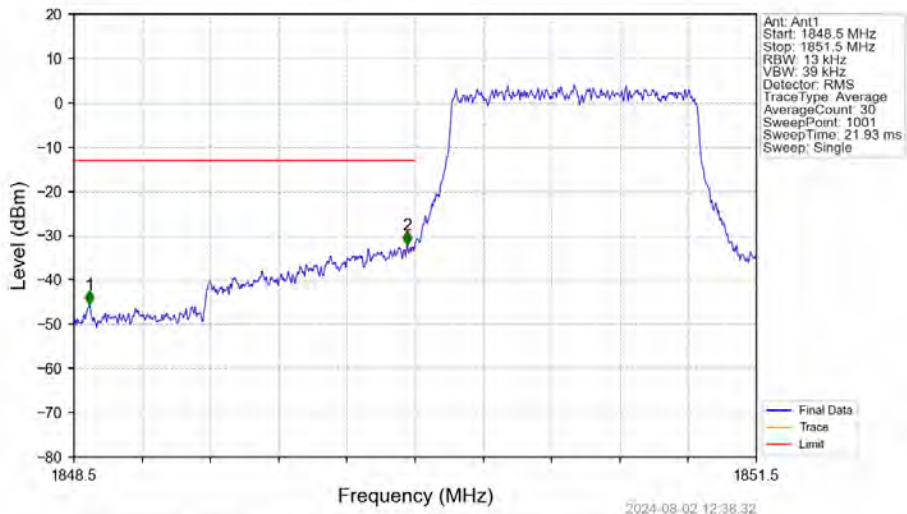
6.2.1 B2_1.4MHz



Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV

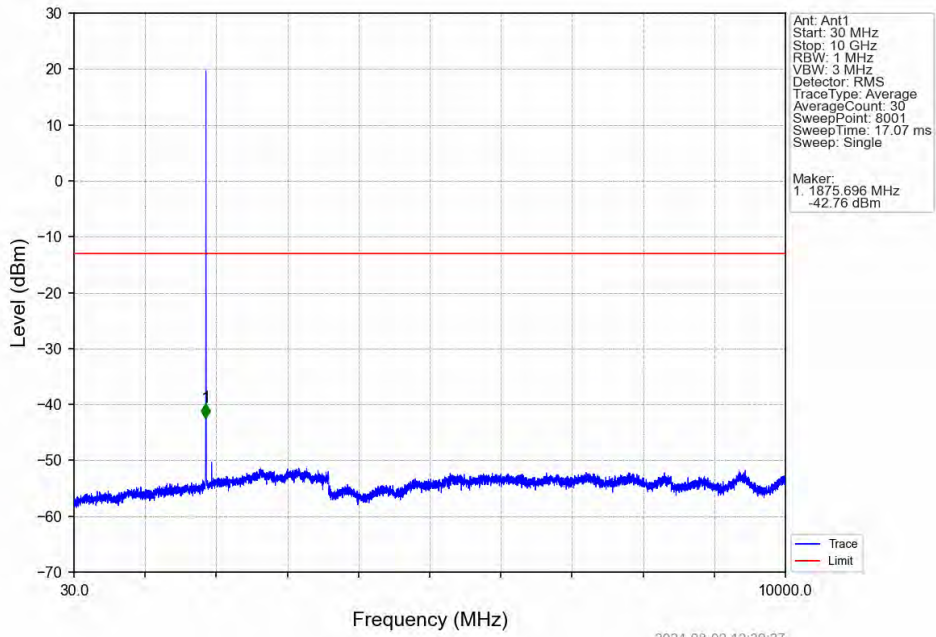


Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_6_0_NTNV

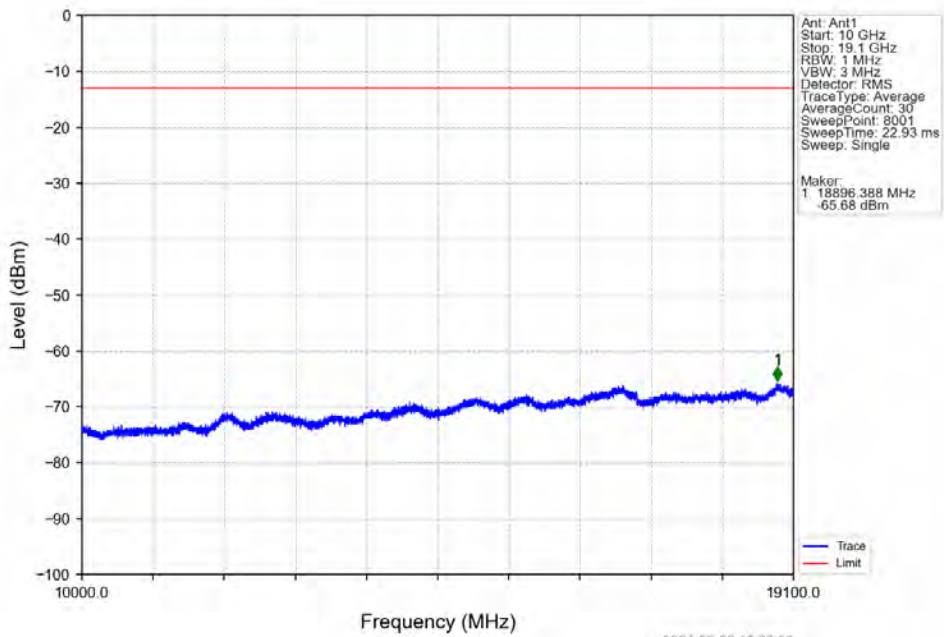


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.569	-45.46	-13	Pass
1849	1850	0.013	/	2	1849.964	-32.07	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

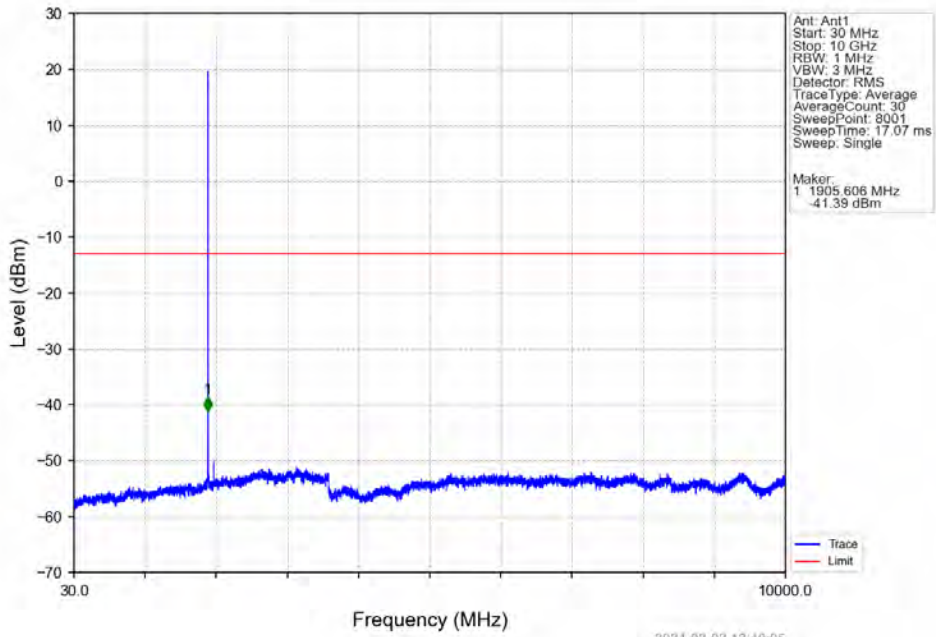
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



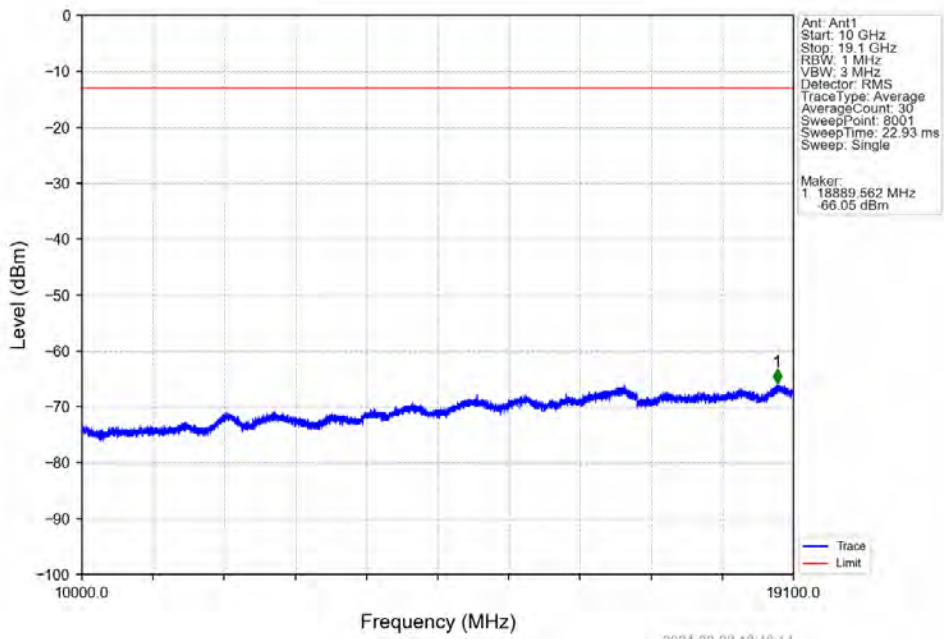
Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



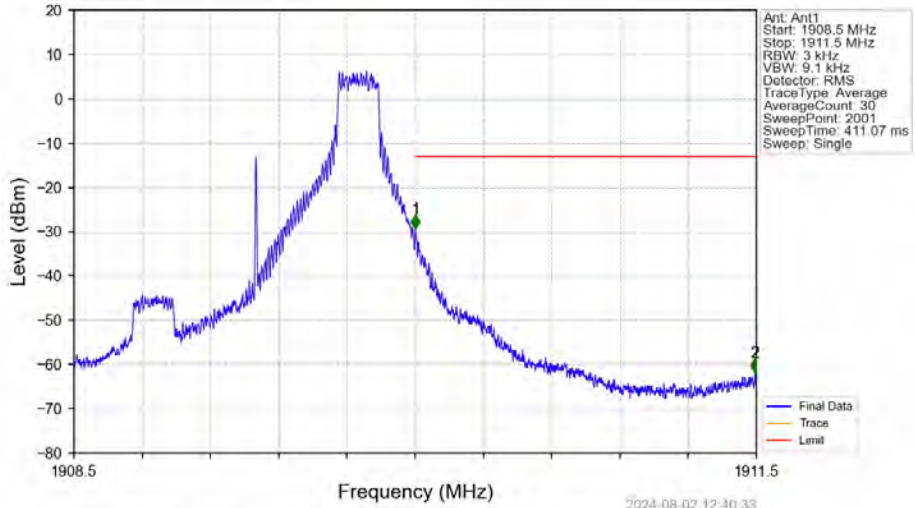
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_0_NTNV

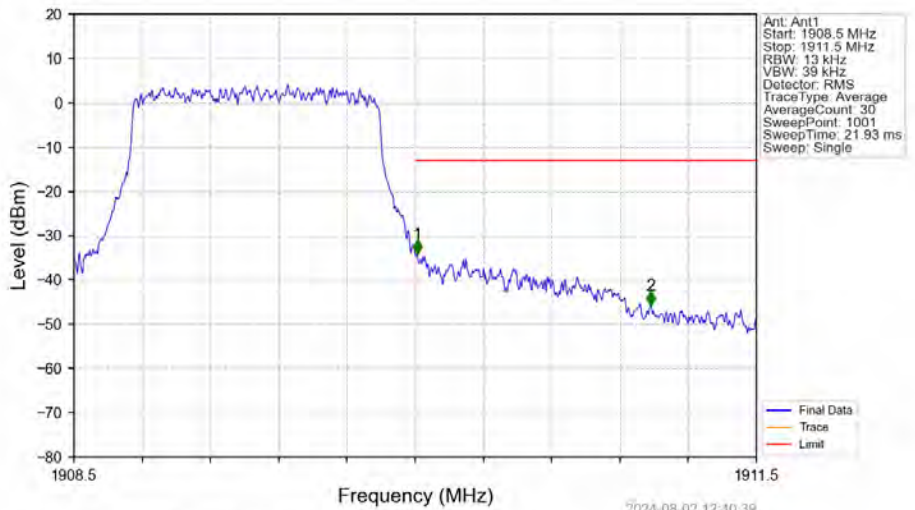


Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_1_5_NTV



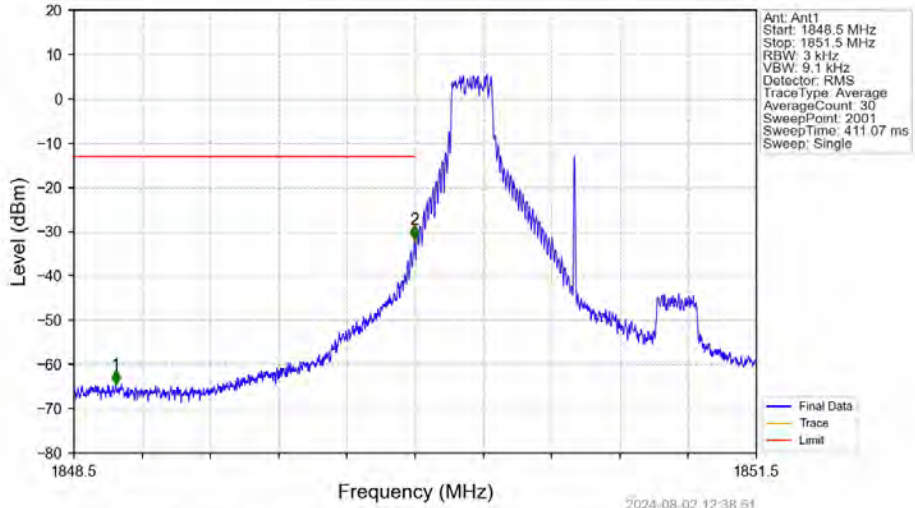
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-29.39	-13	Pass
1911	1911.5	1	/	2	1911.494	-61.73	-13	Pass

Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.009	-34.06	-13	Pass
1911	1911.5	1	/	2	1911.035	-45.68	-13	Pass

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

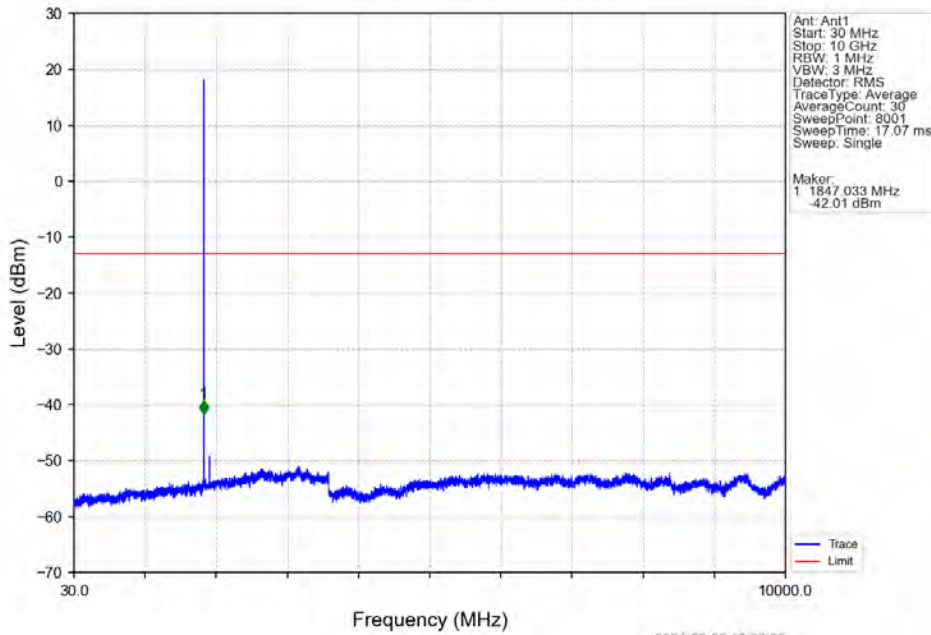


Ant: Ant1
 Start: 1848.5 MHz
 Stop: 1851.5 MHz
 RBW: 3 kHz
 VBW: 9.1 kHz
 Detector: RMS
 Trace Type: Average
 AverageCount: 30
 SweepPoint: 2001
 SweepTime: 411.07 ms
 Sweep: Single

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.683	-64.47	-13	Pass
1849	1850	0.003	/	2	1849.997	-31.74	-13	Pass
1850	1851.5	0.003	/	/	/	/	/	/

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Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

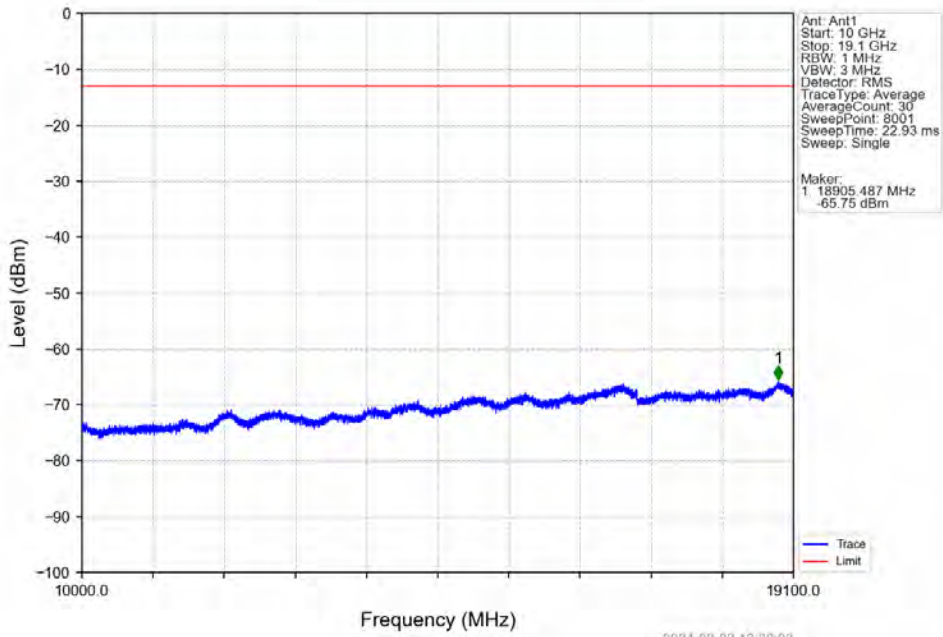


Ant: Ant1
 Start: 30 MHz
 Stop: 10 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 AverageCount: 30
 SweepPoint: 8001
 SweepTime: 17.07 ms
 Sweep: Single

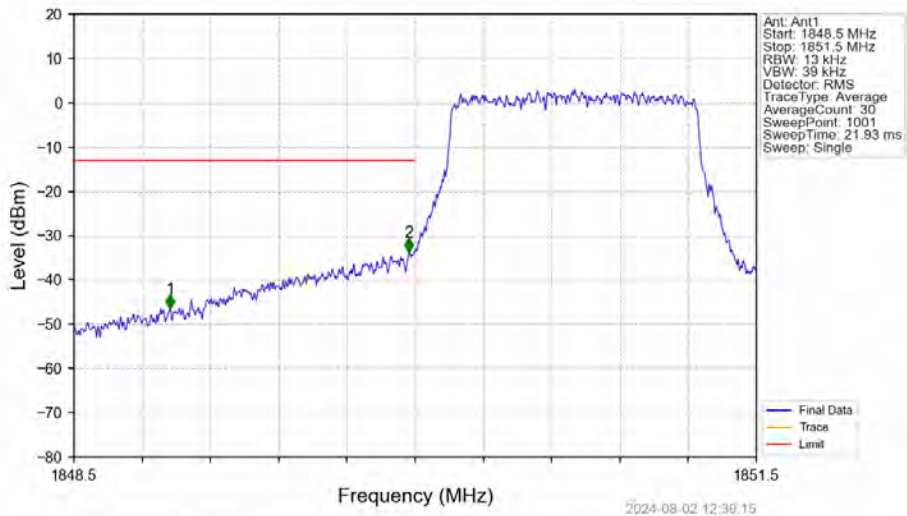
Marker:
 1 1847.033 MHz
 -42.01 dBm

2024-08-02 12:38:59

Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_1_0_NTNV

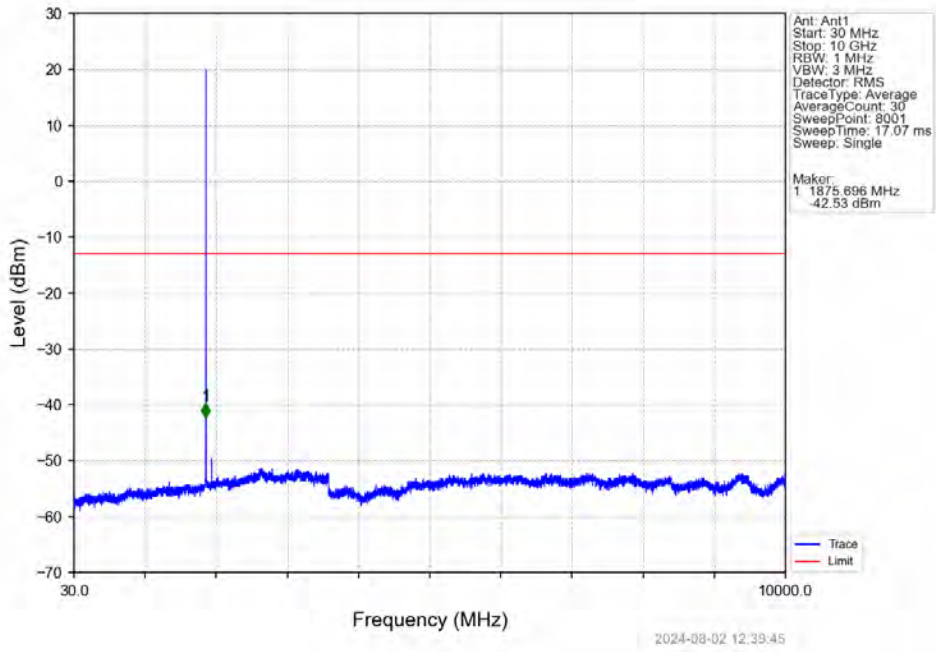


Band2_1.4MHz_16QAM_LCH_1850.7MHz_RB_6_0_NTNV

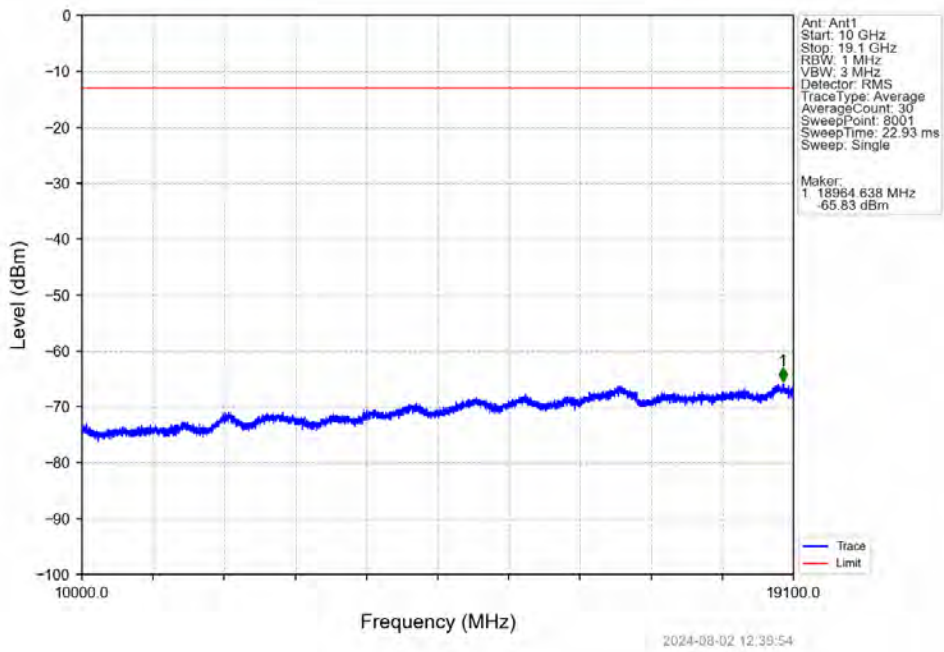


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1848.5	1849	1	/	1	1848.923	-46.41	-13	Pass
1849	1850	0.013	/	2	1849.973	-33.63	-13	Pass
1850	1851.5	0.013	/	/	/	/	/	/

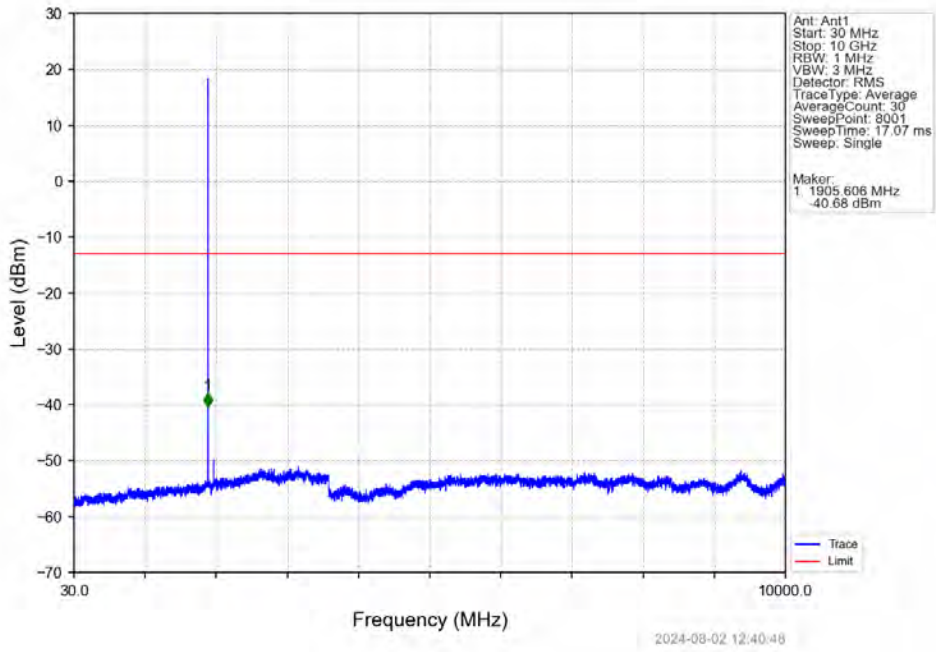
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



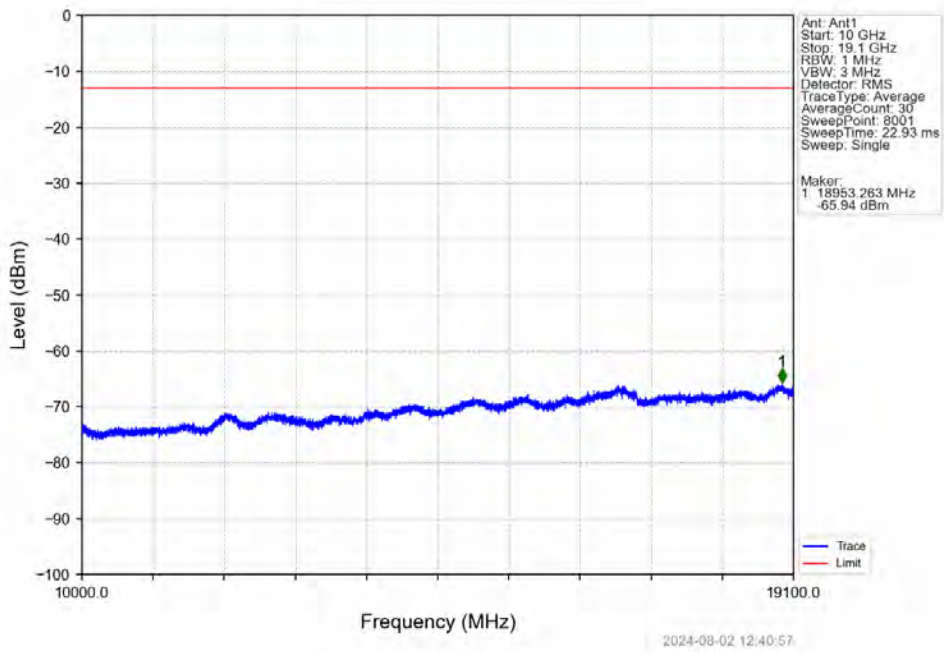
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



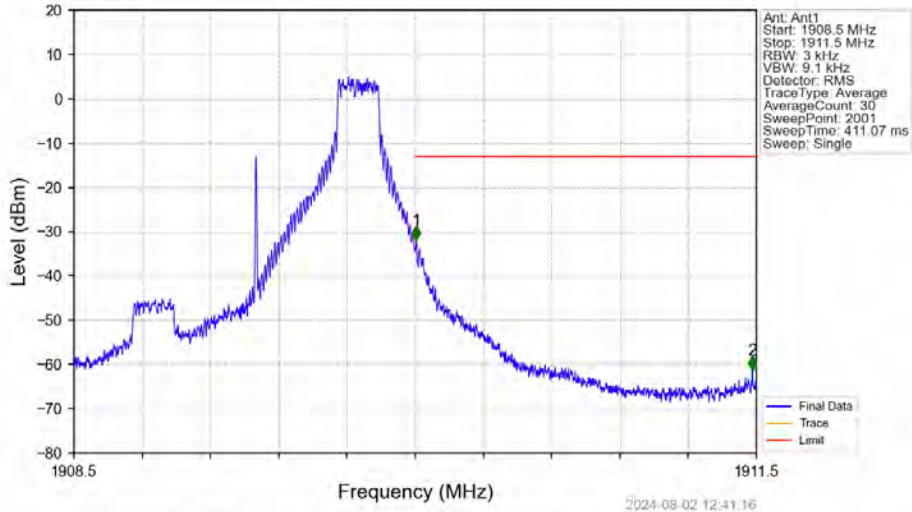
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV



Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_0_NTNV

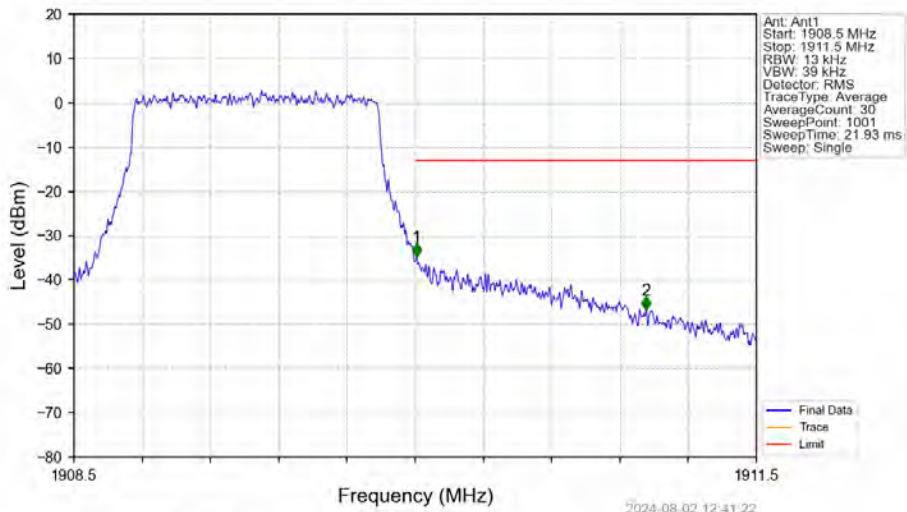


Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-31.92	-13	Pass
1911	1911.5	1	/	2	1911.482	-61.23	-13	Pass

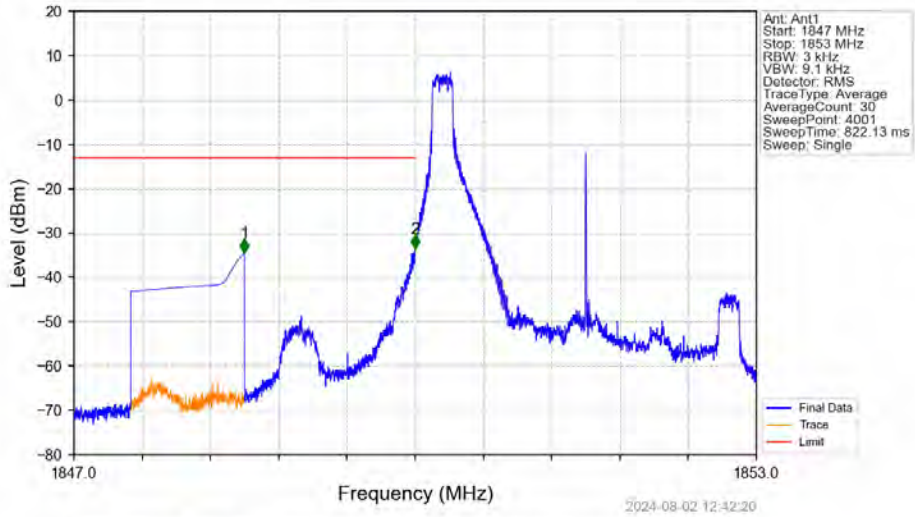
Band2_1.4MHz_16QAM_HCH_1909.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1908.5	1910	0.013	/	/	/	/	/	/
1910	1911	0.013	/	1	1910.006	-34.80	-13	Pass
1911	1911.5	1	/	2	1911.014	-46.72	-13	Pass

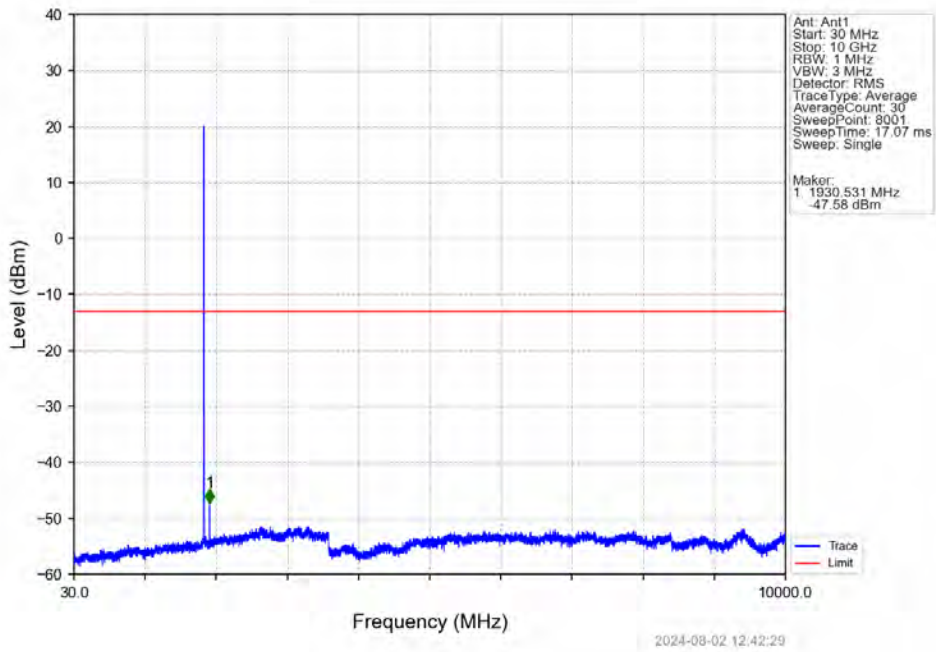
6.2.2 B2_3MHz

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-34.36	-13	Pass
1849	1850	0.003	/	2	1849.998	-33.50	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

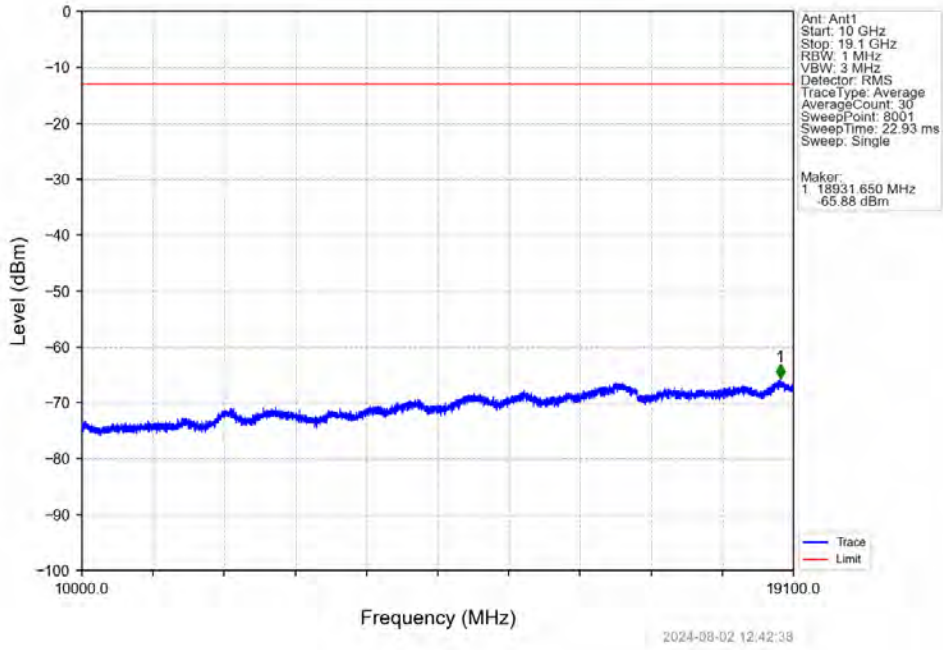
Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



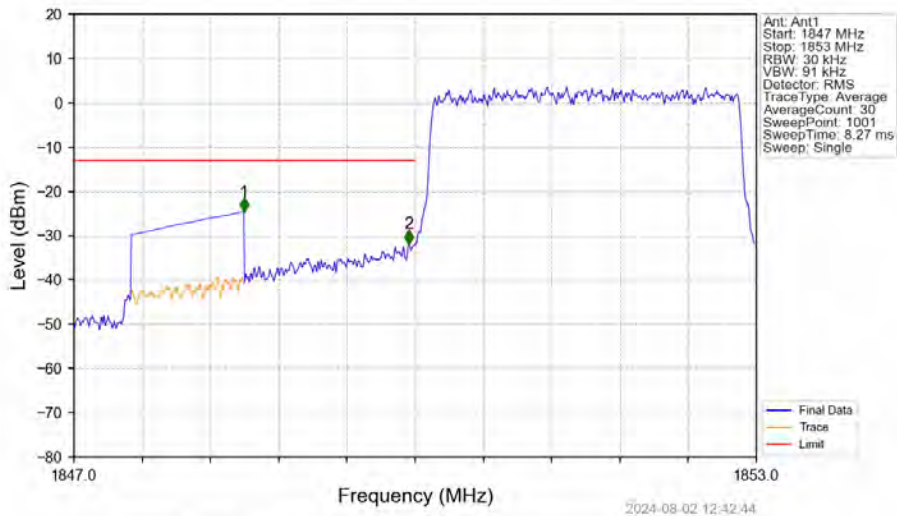
Ant: Ant1
 Start: 30 MHz
 Stop: 10 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 8001
 Sweep Time: 17.07 ms
 Sweep: Single

Marker:
 1 1930.531 MHz
 -47.58 dBm

Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

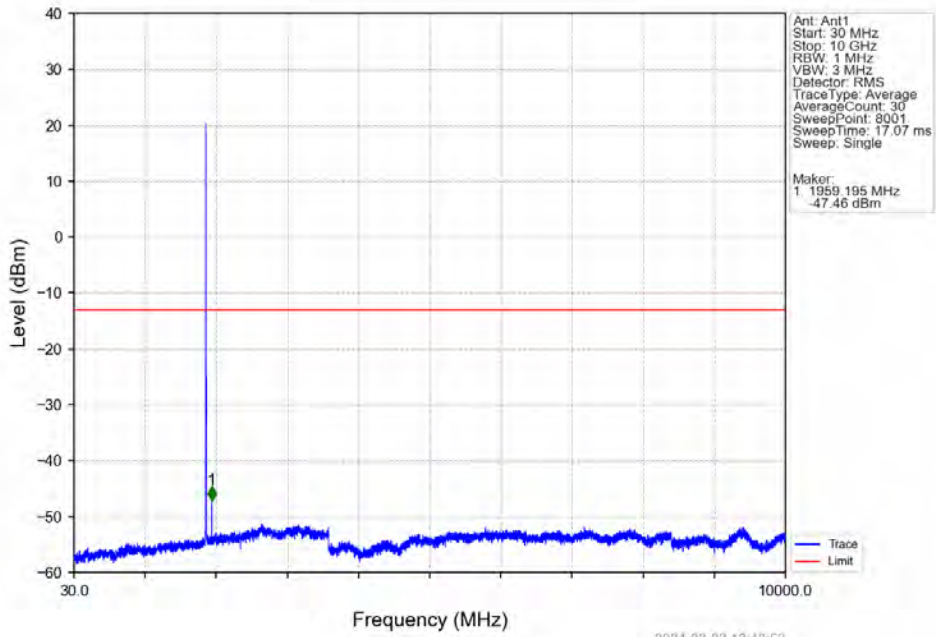


Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

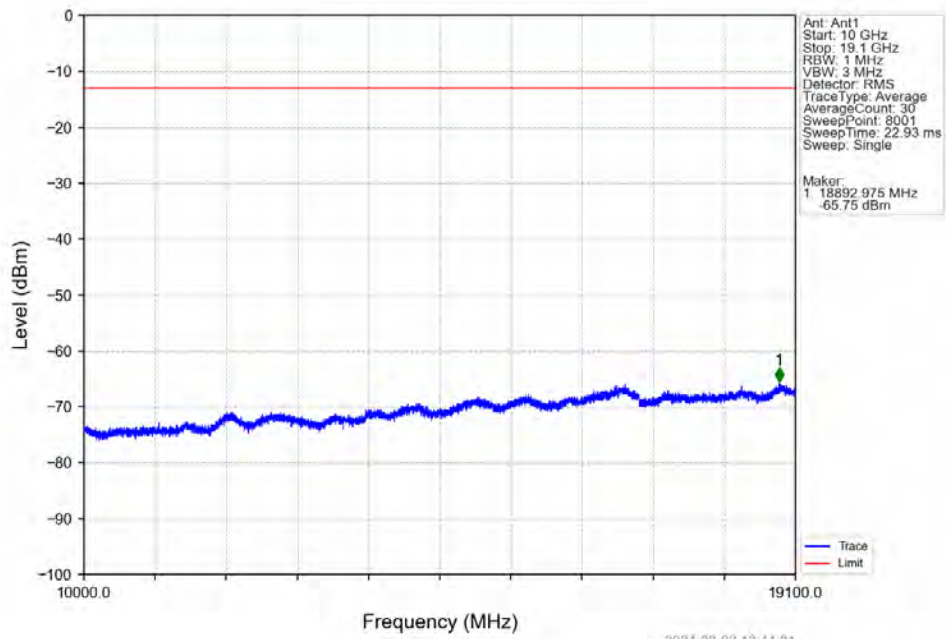


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-24.57	-13	Pass
1849	1850	0.03	/	2	1849.946	-31.77	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

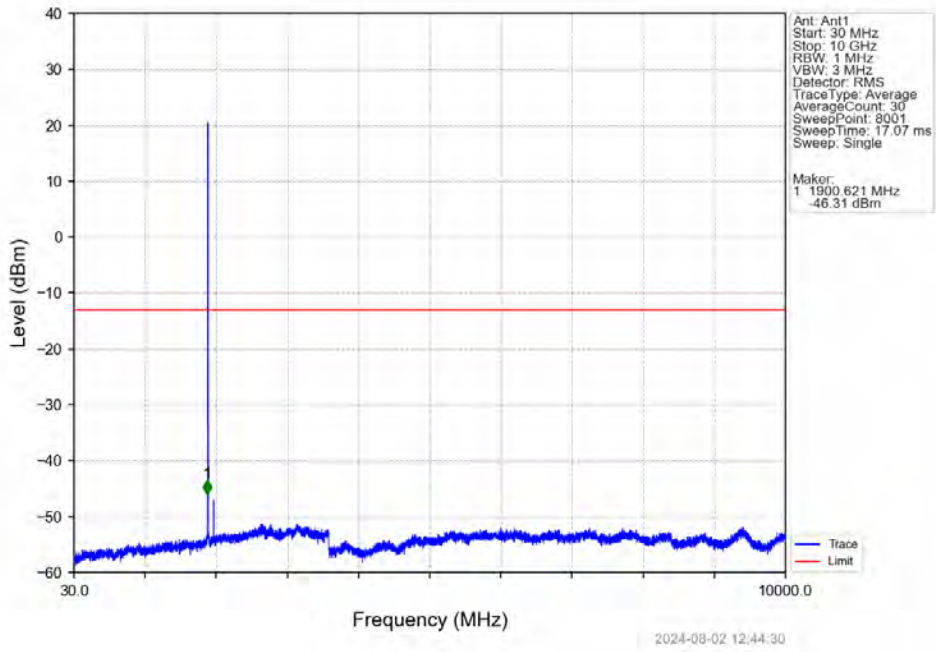
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



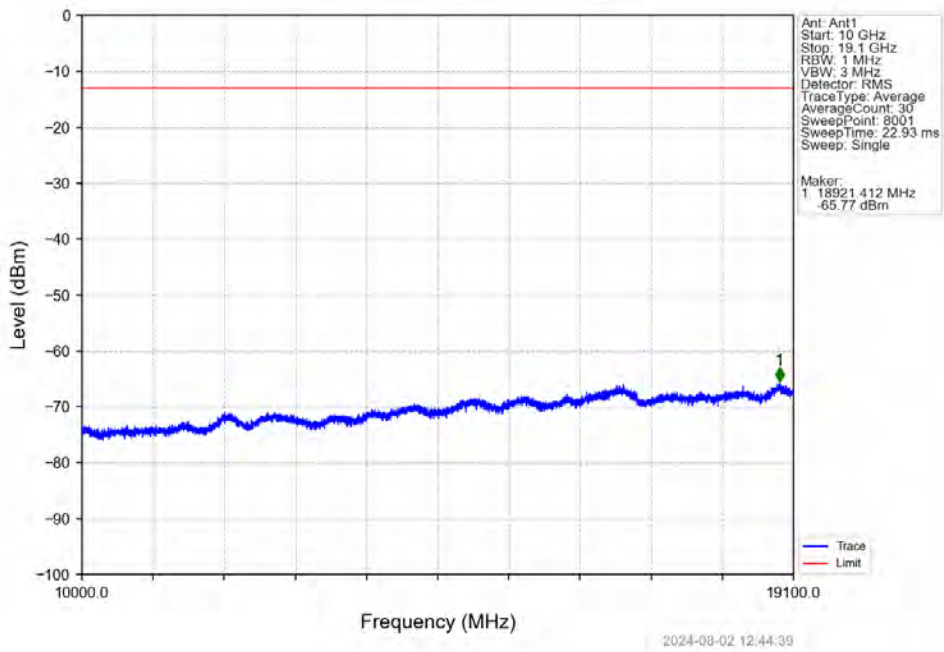
Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



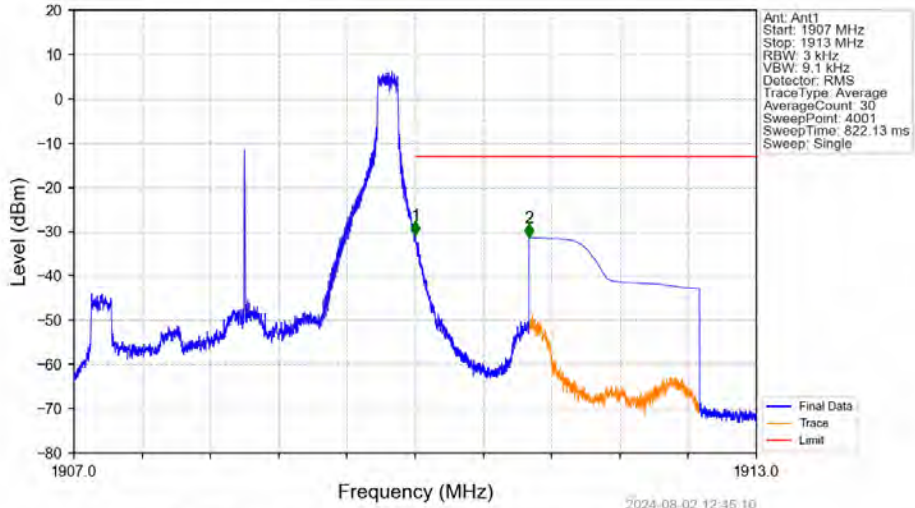
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



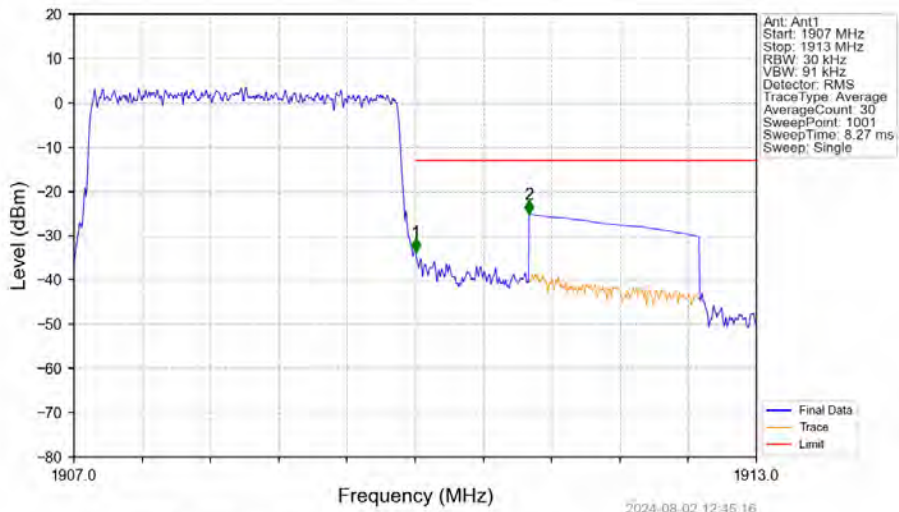
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-30.75	-13	Pass
1911	1913	1	CHP	2	1911.001	-31.37	-13	Pass

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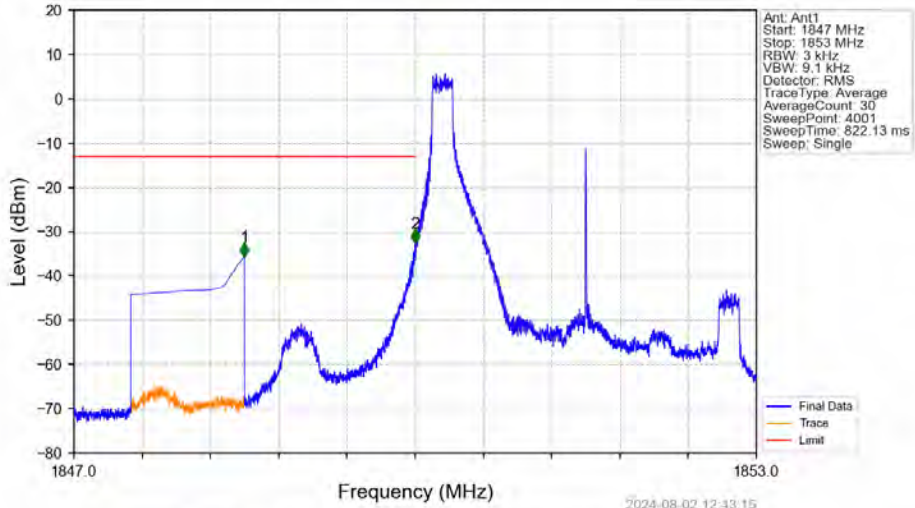
Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.006	-33.72	-13	Pass
1911	1913	1	CHP	2	1911.002	-25.18	-13	Pass

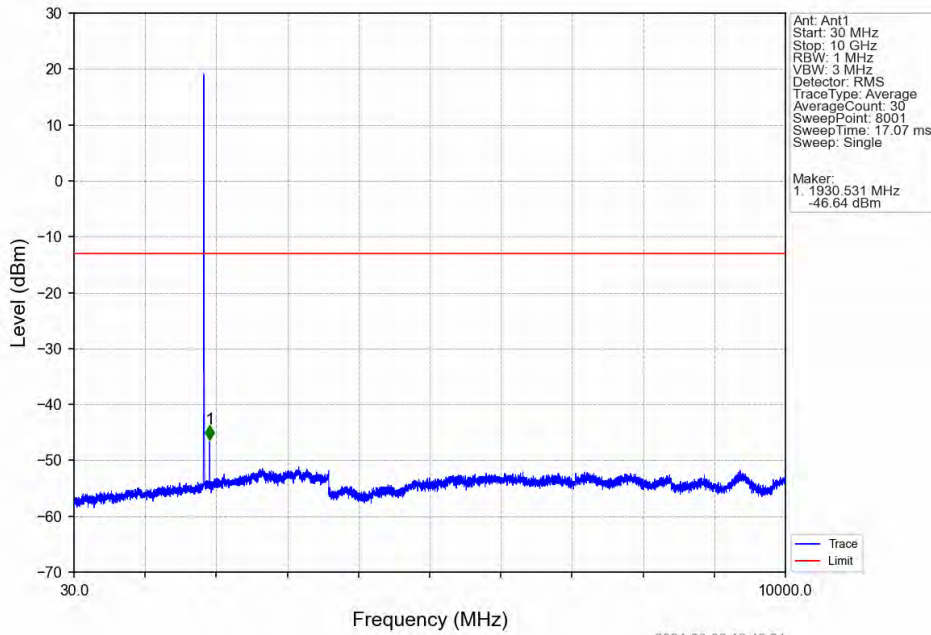
2024-08-02 12:45:16

Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

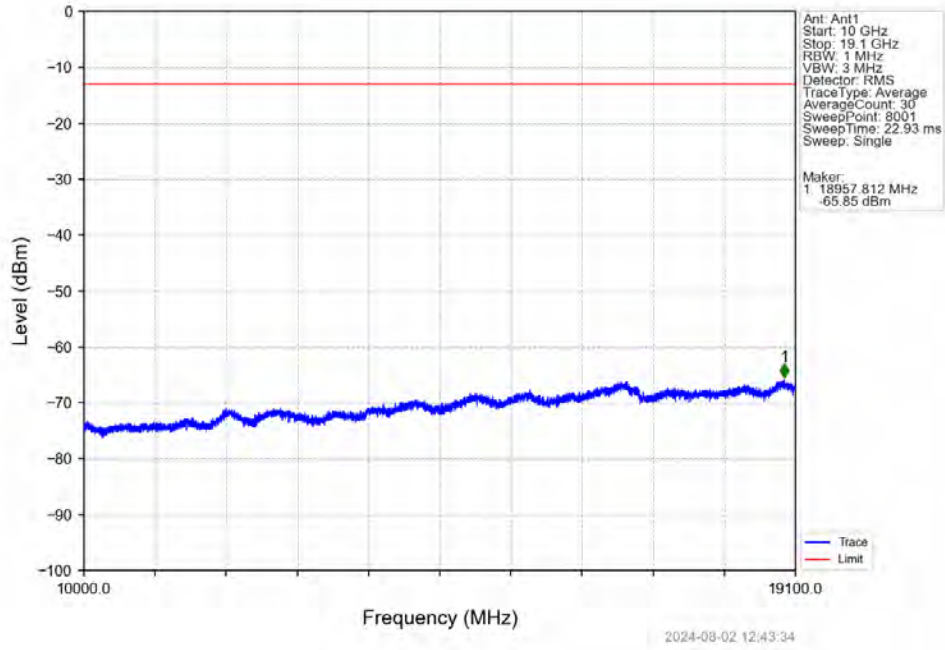


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-35.66	-13	Pass
1849	1850	0.003	/	2	1849.998	-32.64	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

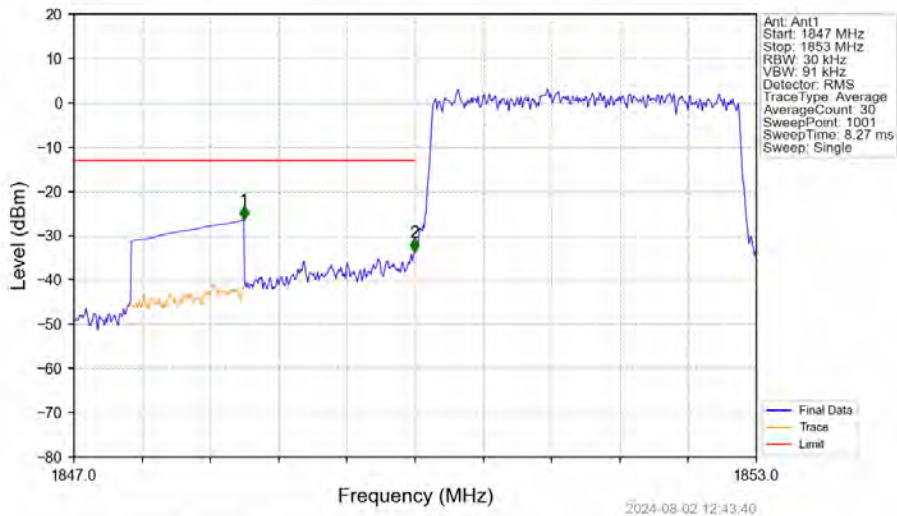
Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_LCH_1851.5MHz_RB_1_0_NTNV

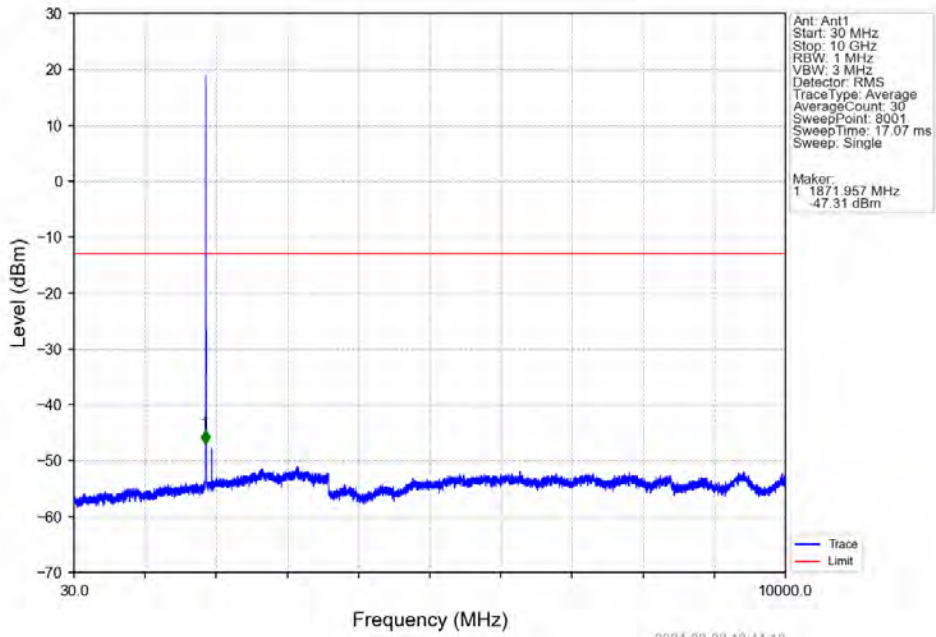


Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV

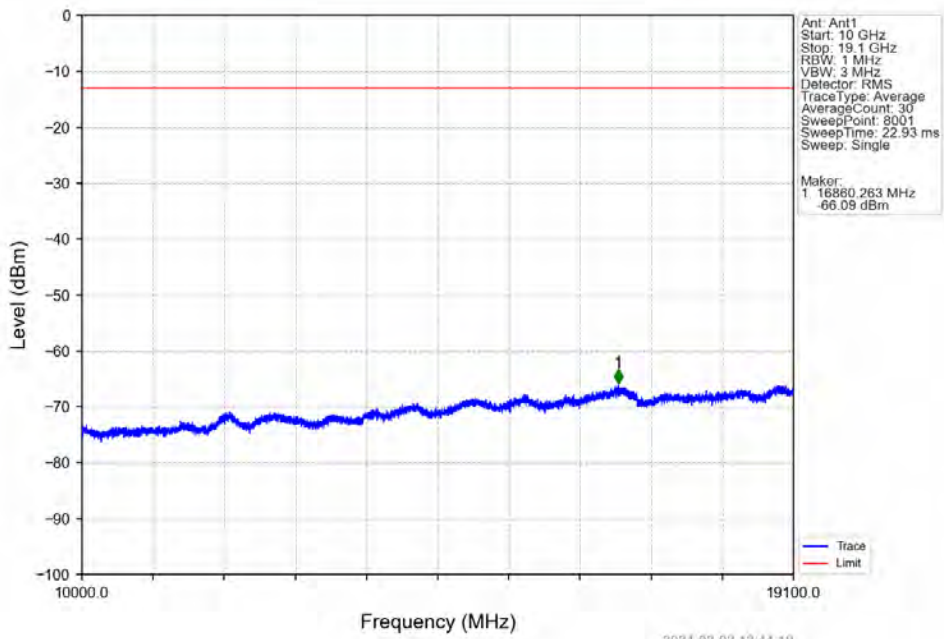


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.494	-26.42	-13	Pass
1849	1850	0.03	/	2	1849.994	-33.67	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

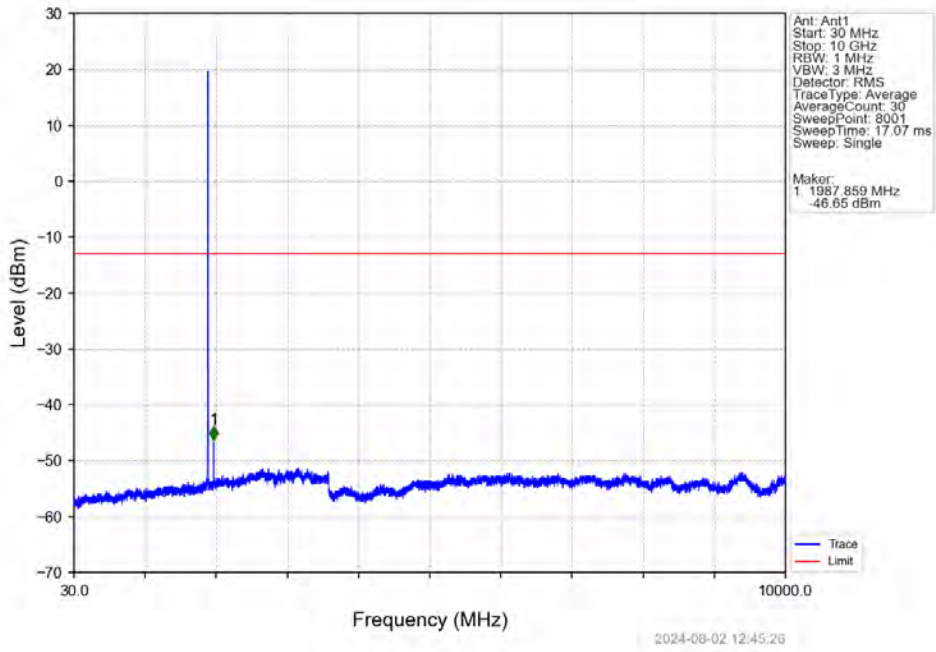
Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



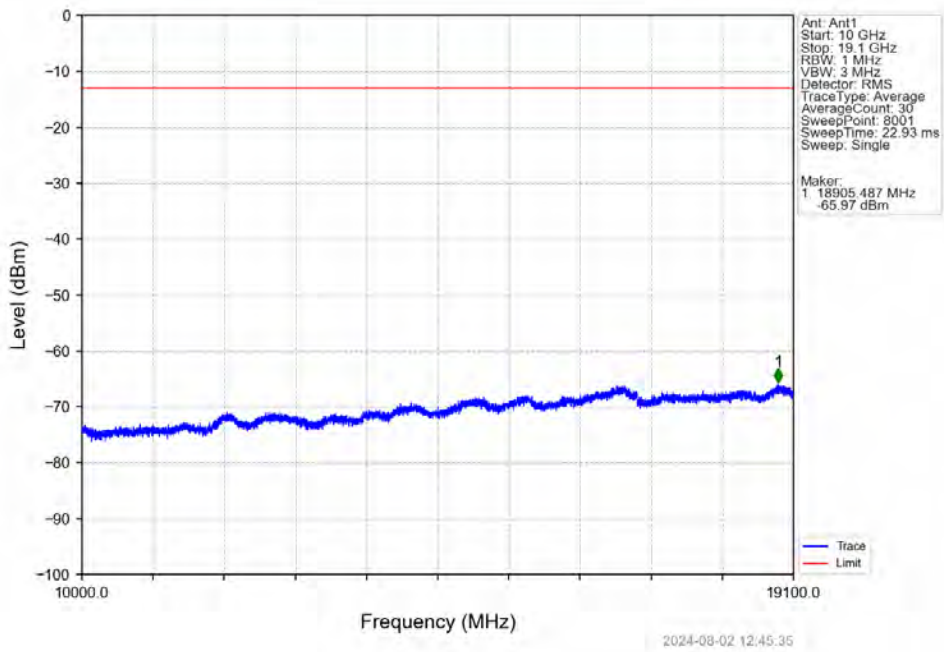
Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



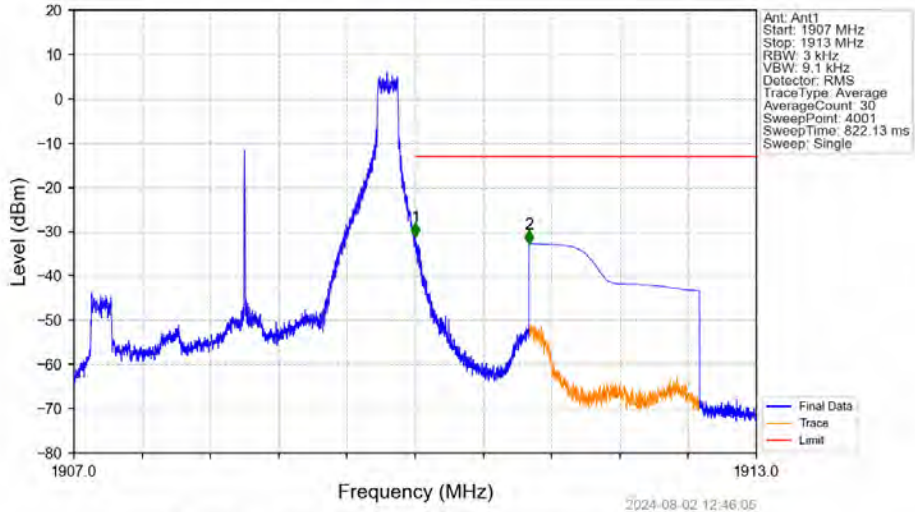
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV



Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV

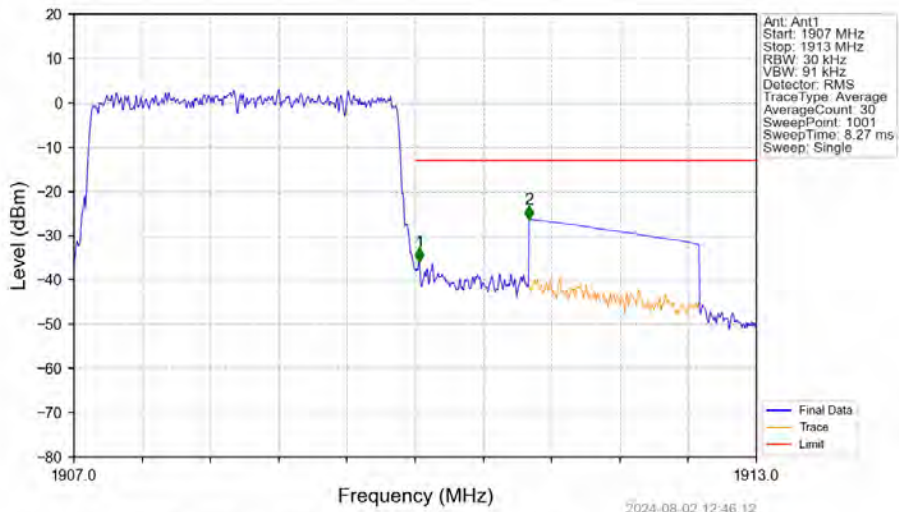


Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-31.14	-13	Pass
1911	1913	1	CHP	2	1911.001	-32.70	-13	Pass

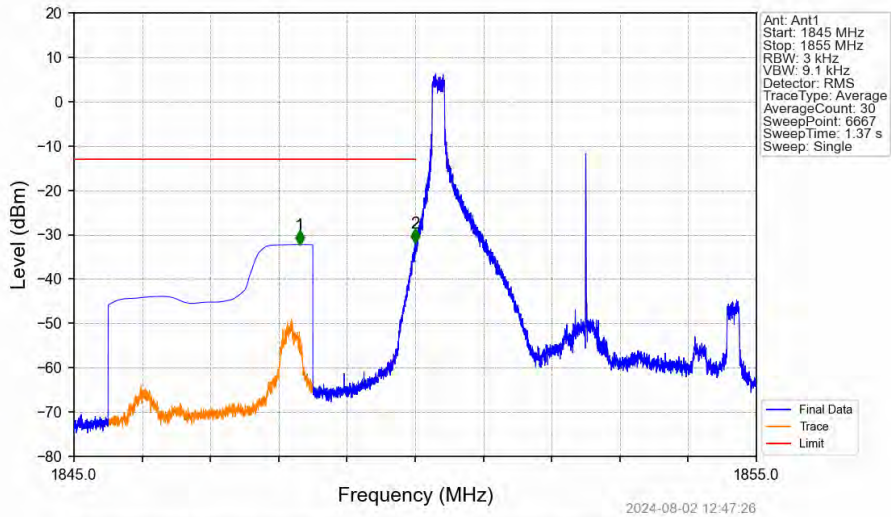
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1907	1910	0.03	/	/	/	/	/	/
1910	1911	0.03	/	1	1910.036	-35.82	-13	Pass
1911	1913	1	CHP	2	1911.002	-26.30	-13	Pass

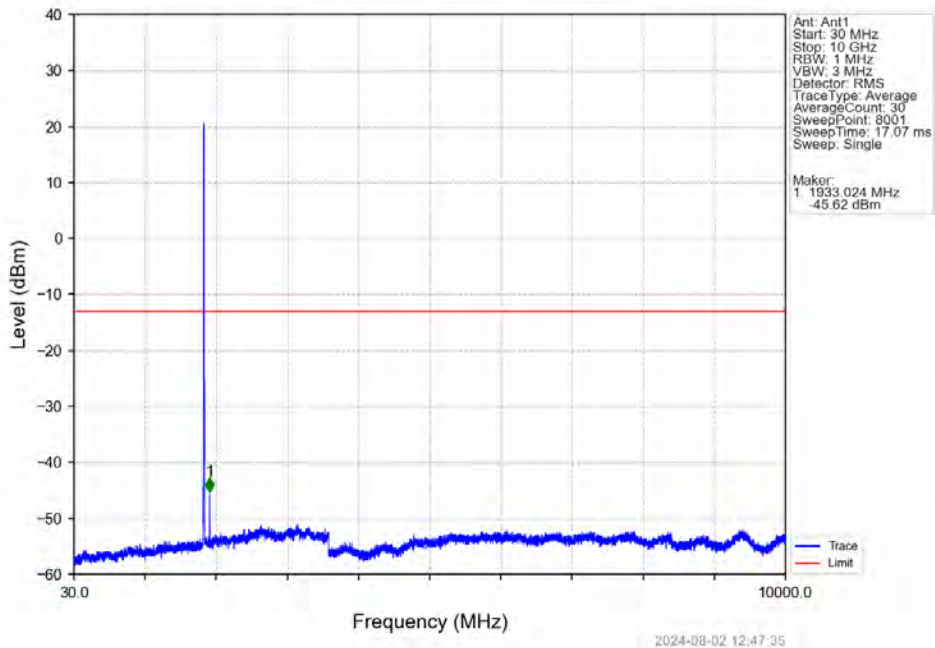
6.2.3 B2_5MHz

Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

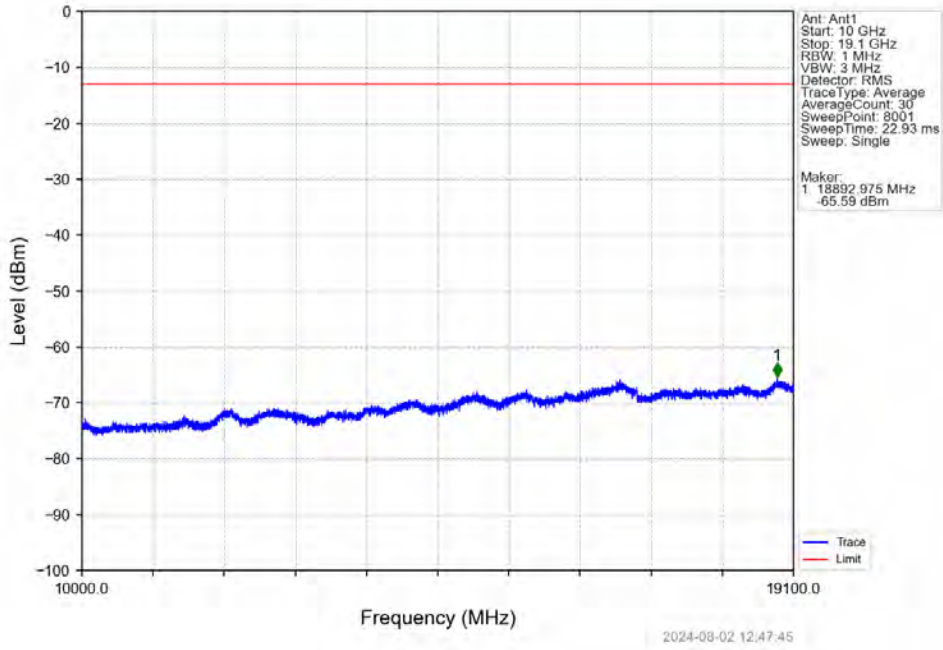


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.306	-32.21	-13	Pass
1849	1850	0.003	/	2	1849.998	-31.93	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

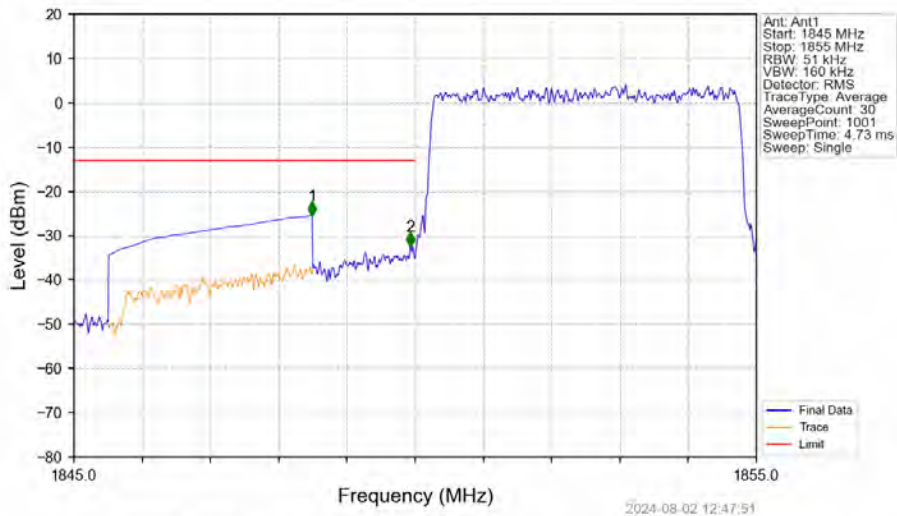
Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_LCH_1852.5MHz_RB_1_0_NTNV

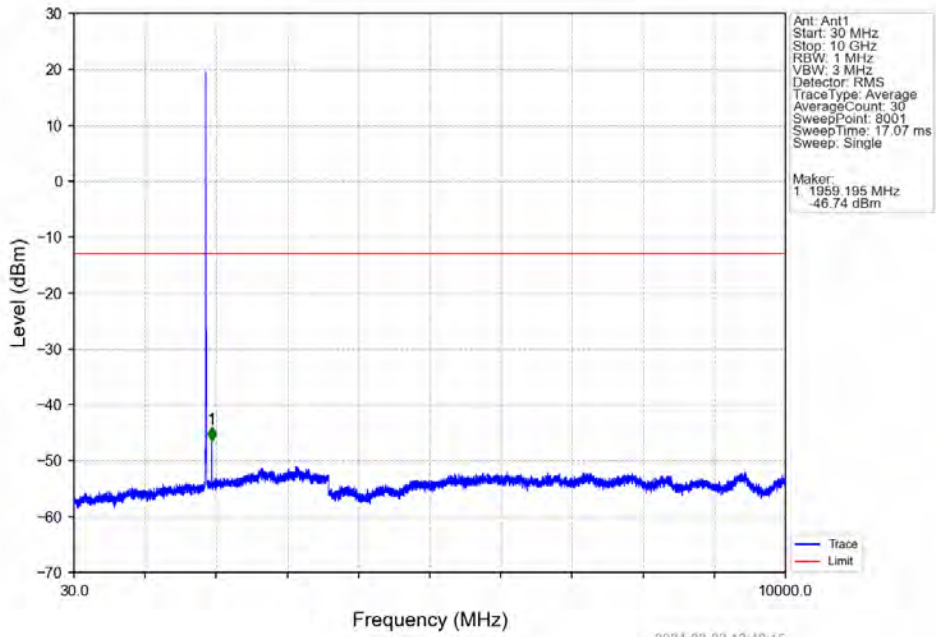


Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

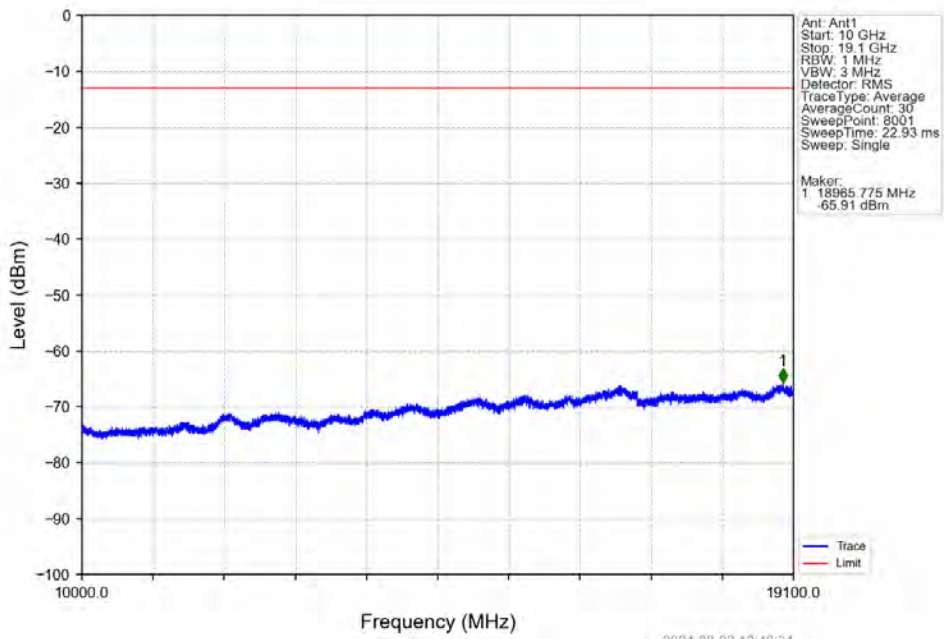


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-25.42	-13	Pass
1849	1850	0.051	/	2	1849.930	-32.40	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

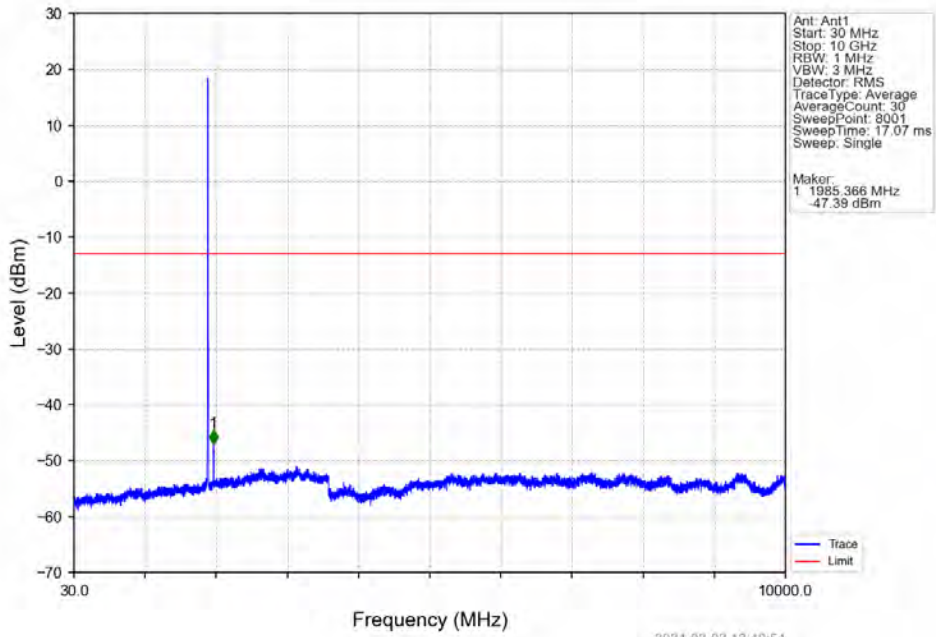
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



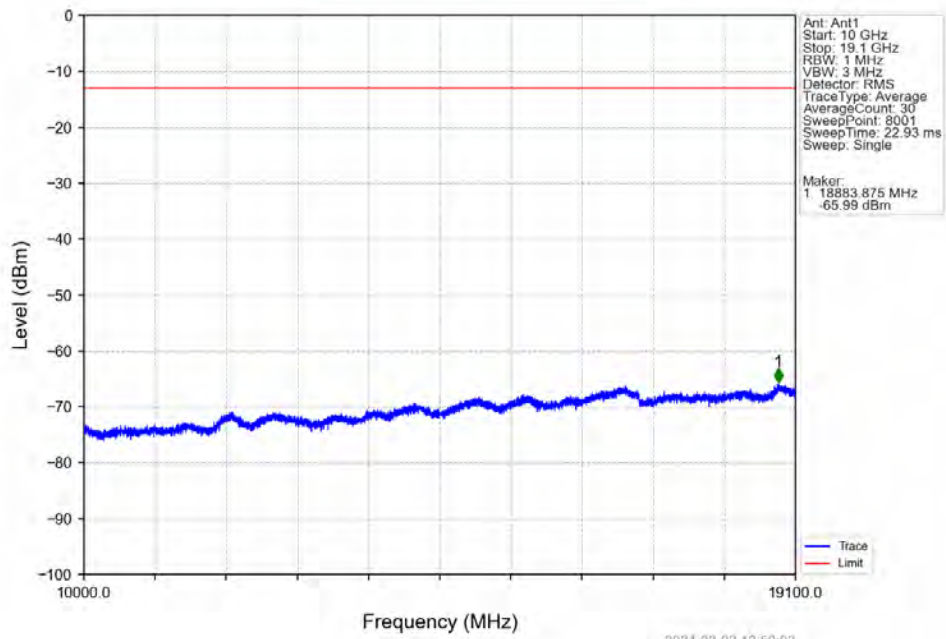
Band2_5MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



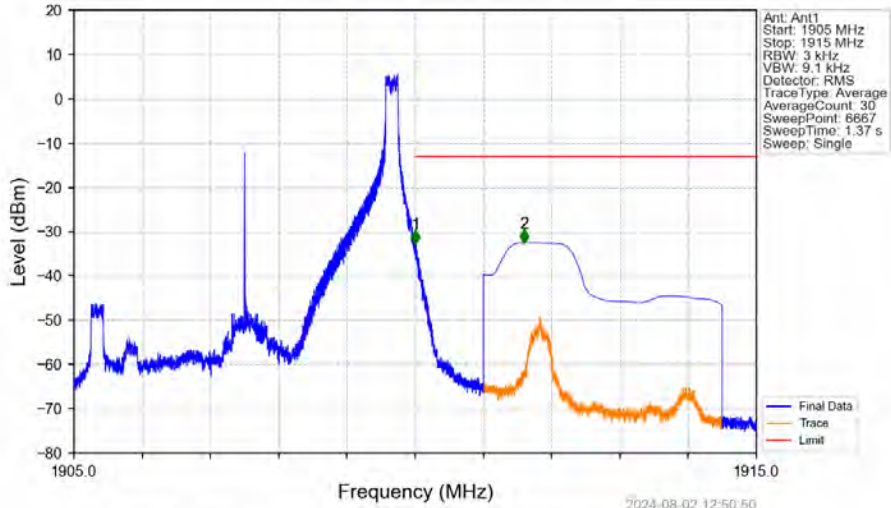
Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV

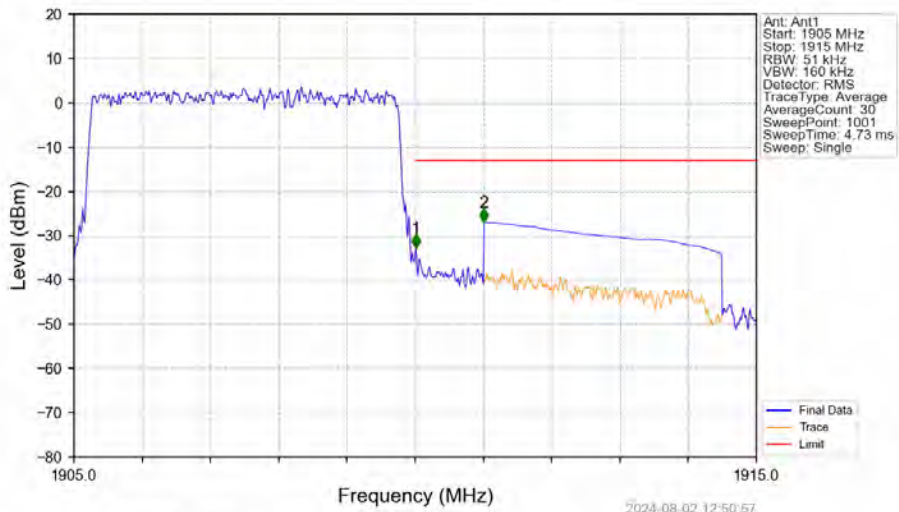


Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_24_NTNV



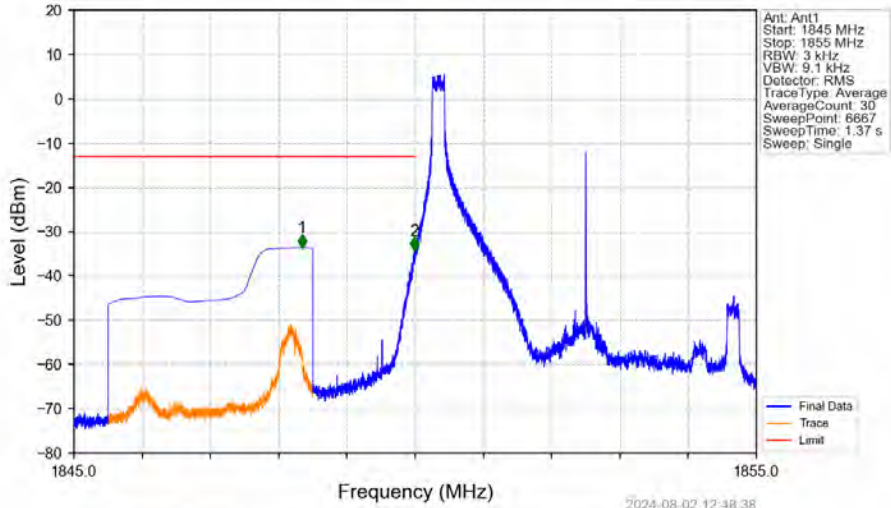
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-32.73	-13	Pass
1911	1915	1	CHP	2	1911.599	-32.51	-13	Pass

Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.051	/	/	/	/	/	/
1910	1911	0.051	/	1	1910.010	-32.70	-13	Pass
1911	1915	1	CHP	2	1911.010	-26.97	-13	Pass

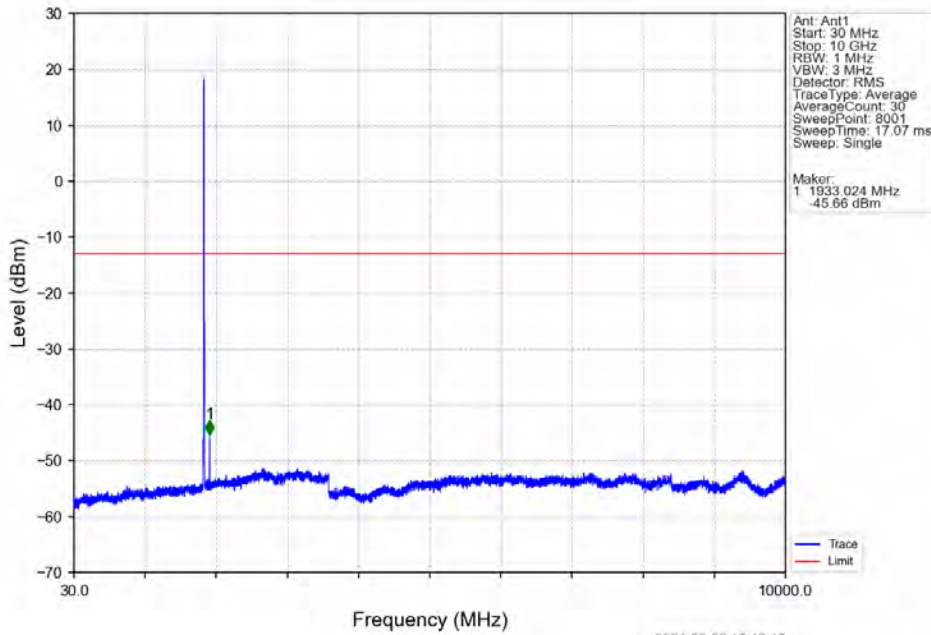
Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.344	-33.59	-13	Pass
1849	1850	0.003	/	2	1849.988	-34.16	-13	Pass
1850	1855	0.003	/	/	/	/	/	/

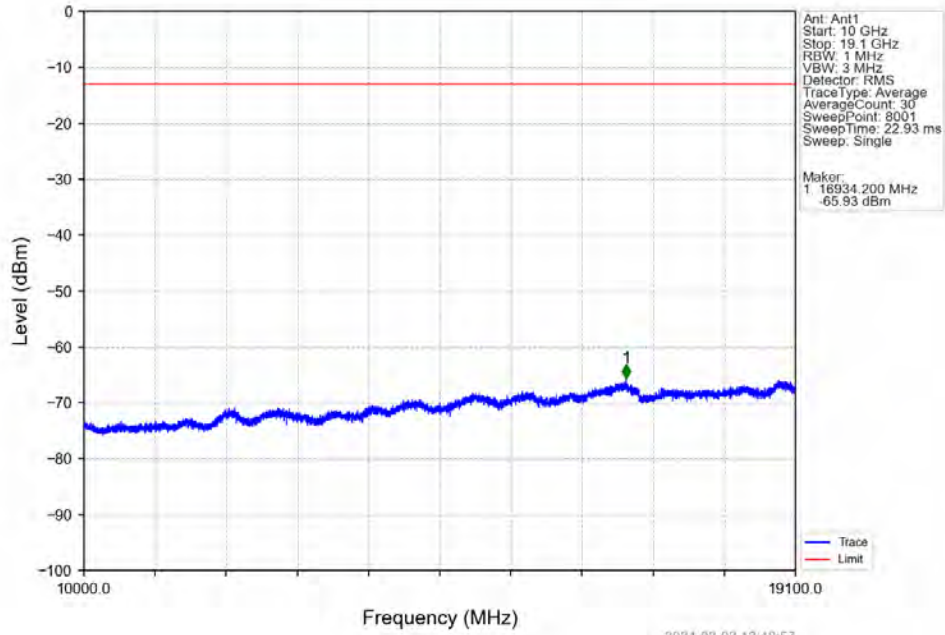
2024-08-02 12:48:38

Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

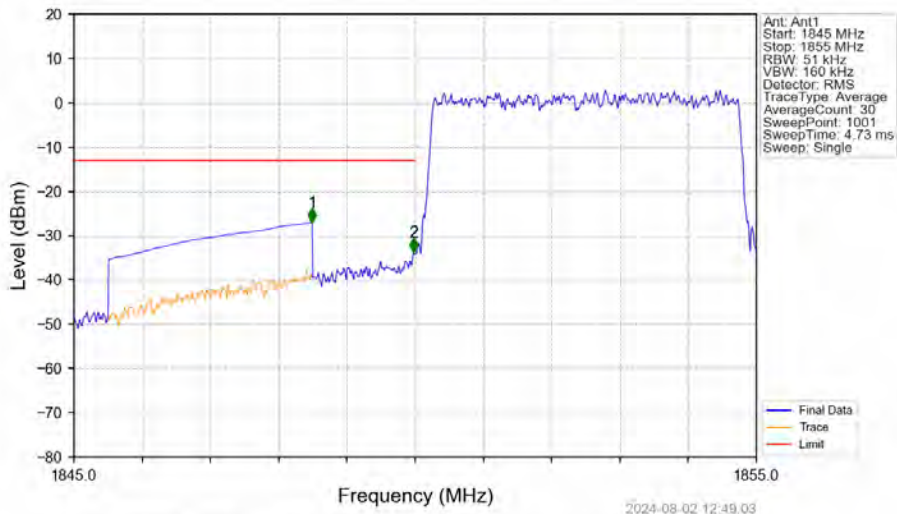


2024-08-02 12:48:47

Band2_5MHz_16QAM_LCH_1852.5MHz_RB_1_0_NTNV

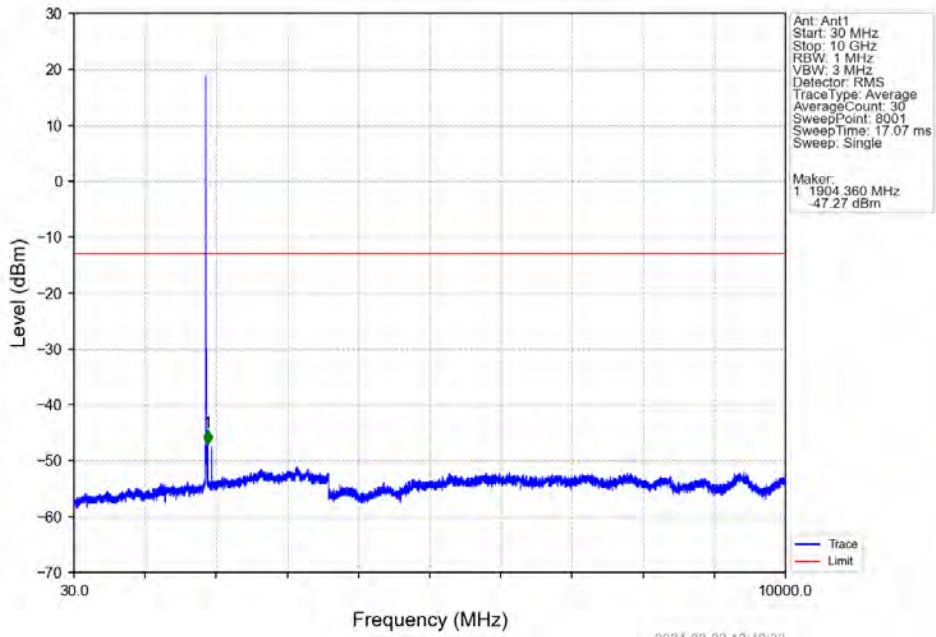


Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

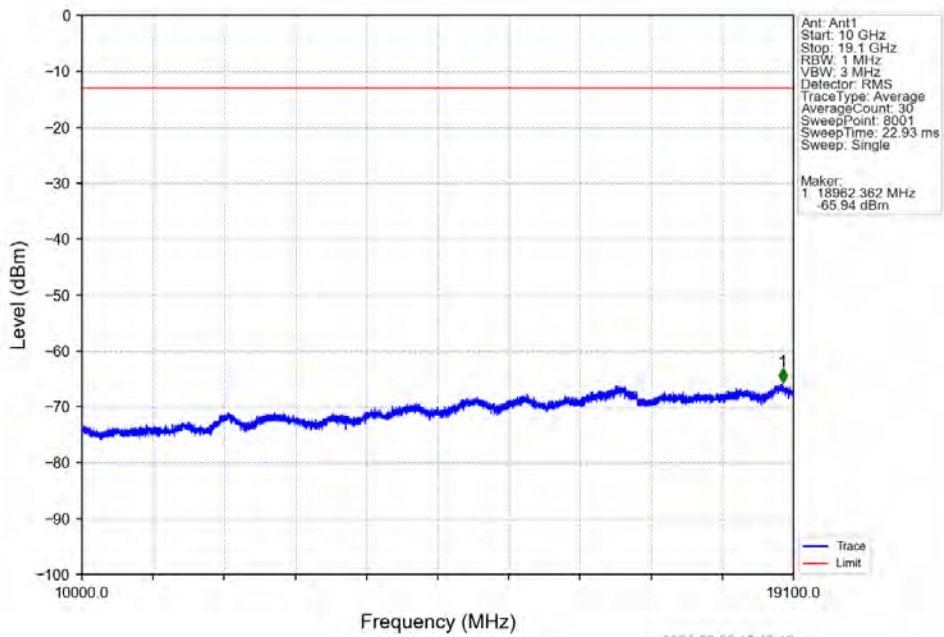


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1845	1849	1	CHP	1	1848.490	-26.97	-13	Pass
1849	1850	0.051	/	2	1849.980	-33.74	-13	Pass
1850	1855	0.051	/	/	/	/	/	/

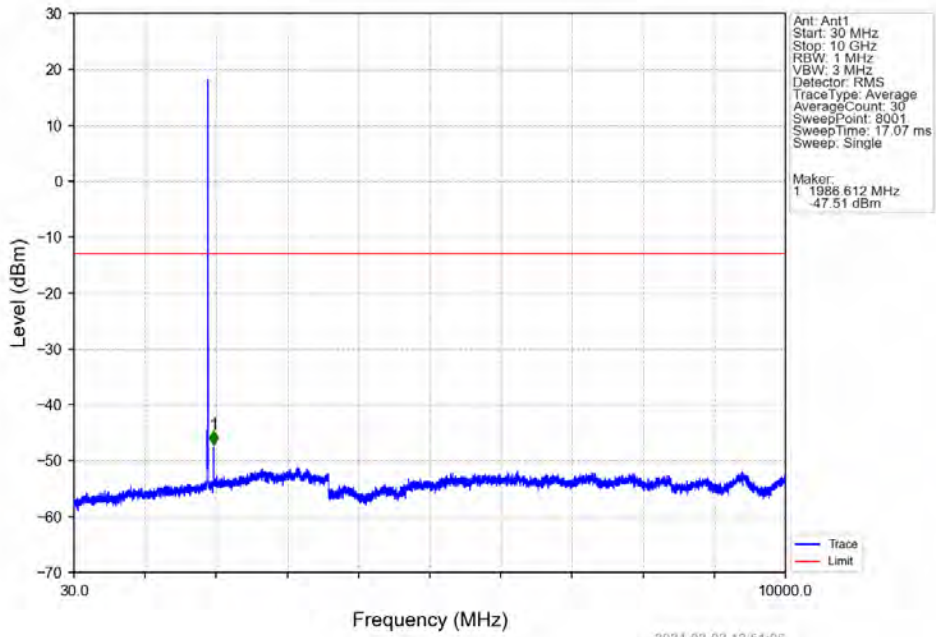
Band2_5MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



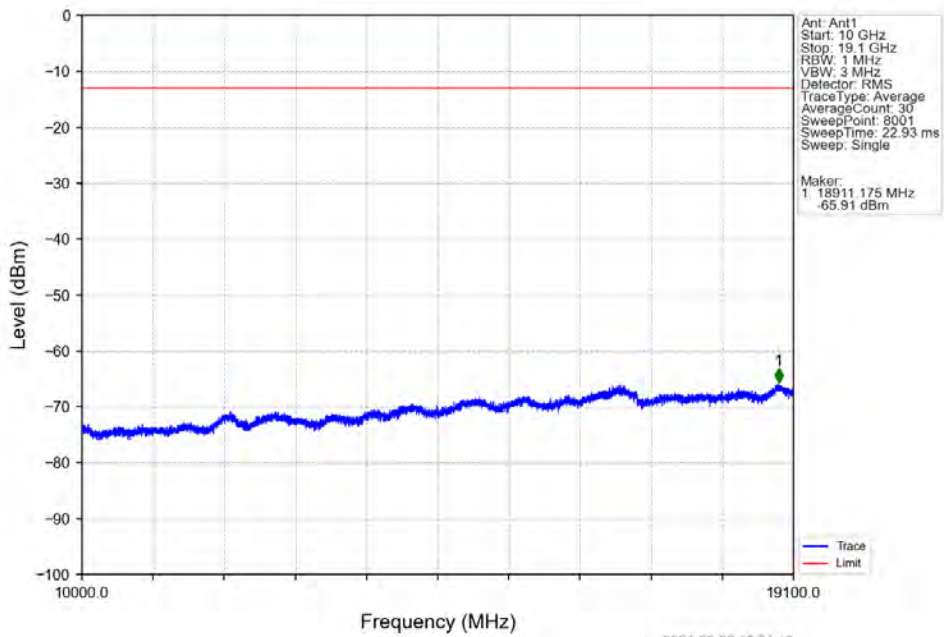
Band2_5MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



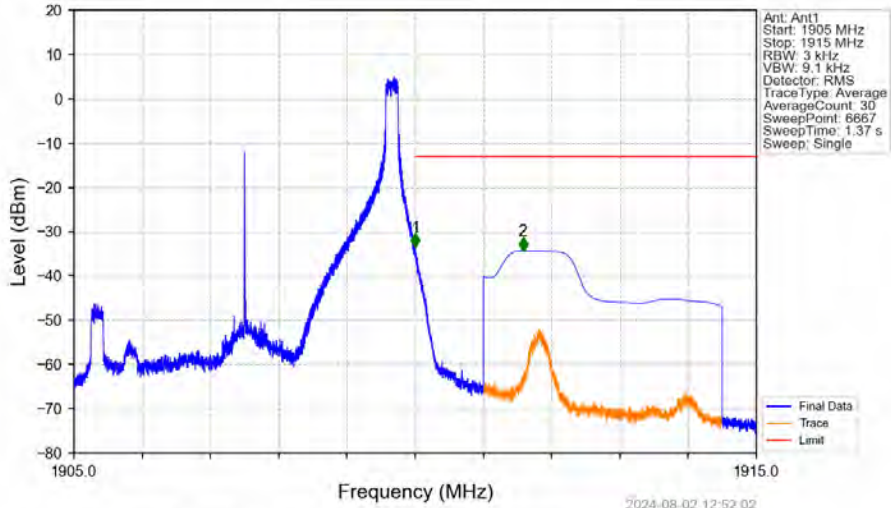
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



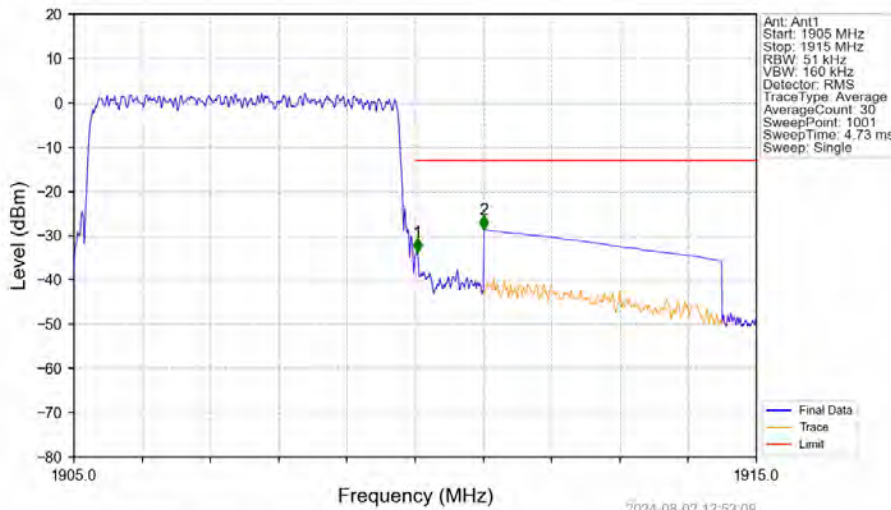
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.002	-33.50	-13	Pass
1911	1915	1	CHP	2	1911.580	-34.32	-13	Pass

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Band2_5MHz_16QAM_HCH_1907.5MHz_RB_25_0_NTNV

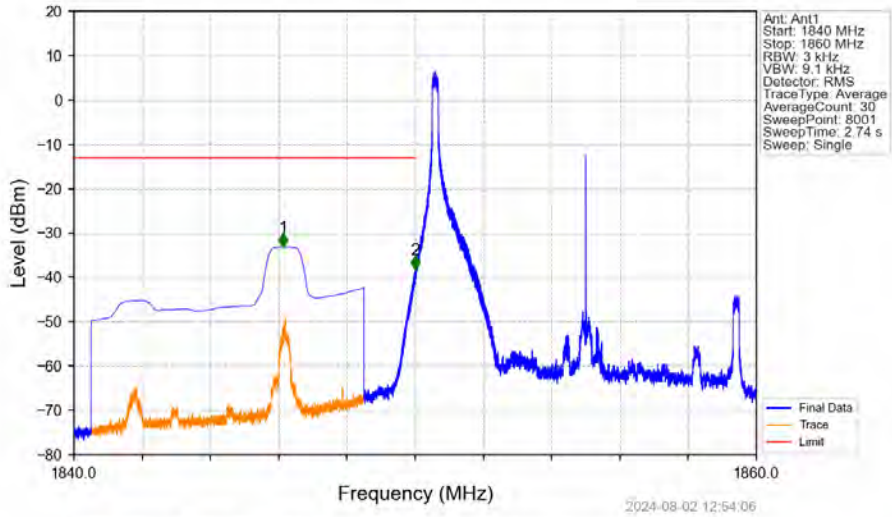


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1905	1910	0.051	/	/	/	/	/	/
1910	1911	0.051	/	1	1910.030	-33.62	-13	Pass
1911	1915	1	CHP	2	1911.010	-28.63	-13	Pass

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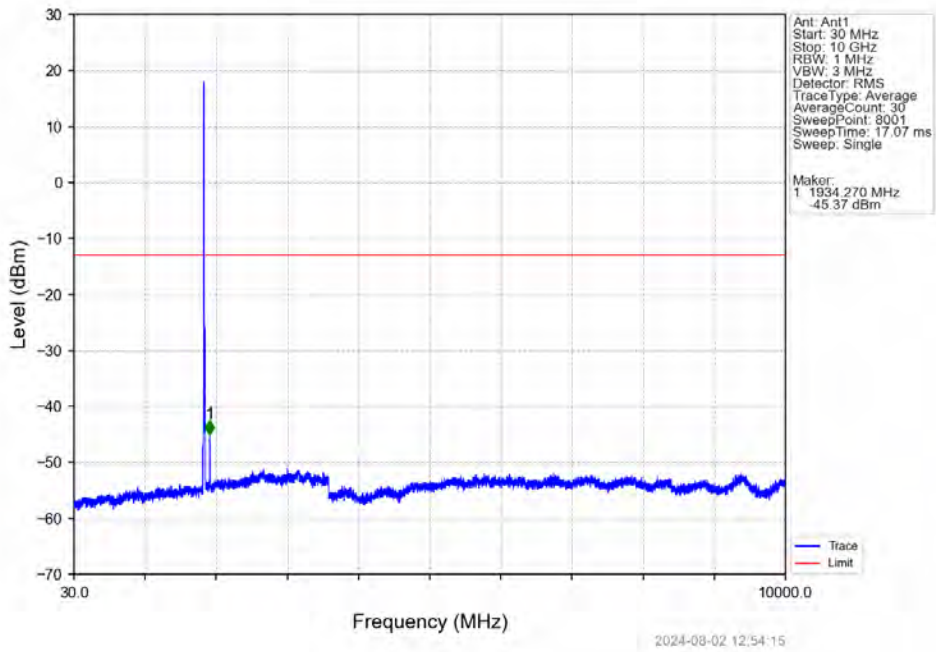
6.2.4 B2_10MHz

Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV

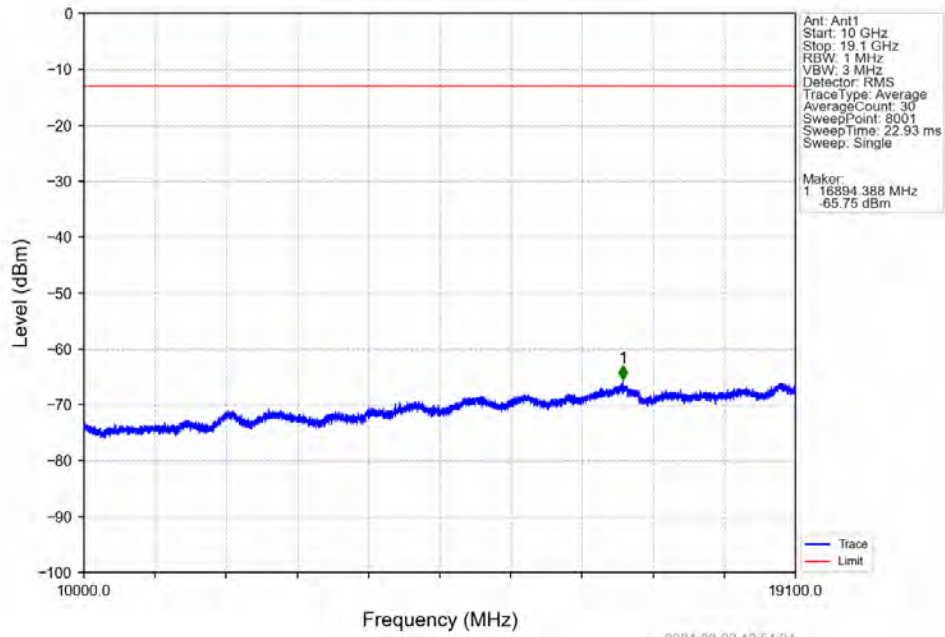


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.130	-33.13	-13	Pass
1849	1850	0.003	/	2	1849.997	-38.22	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

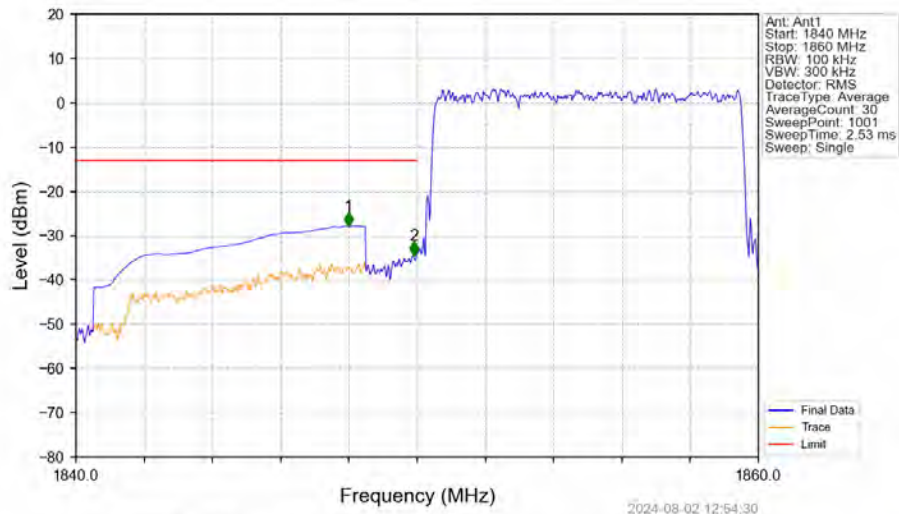
Band2_10MHz_QPSK_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_LCH_185MHz_RB_1_0_NTNV

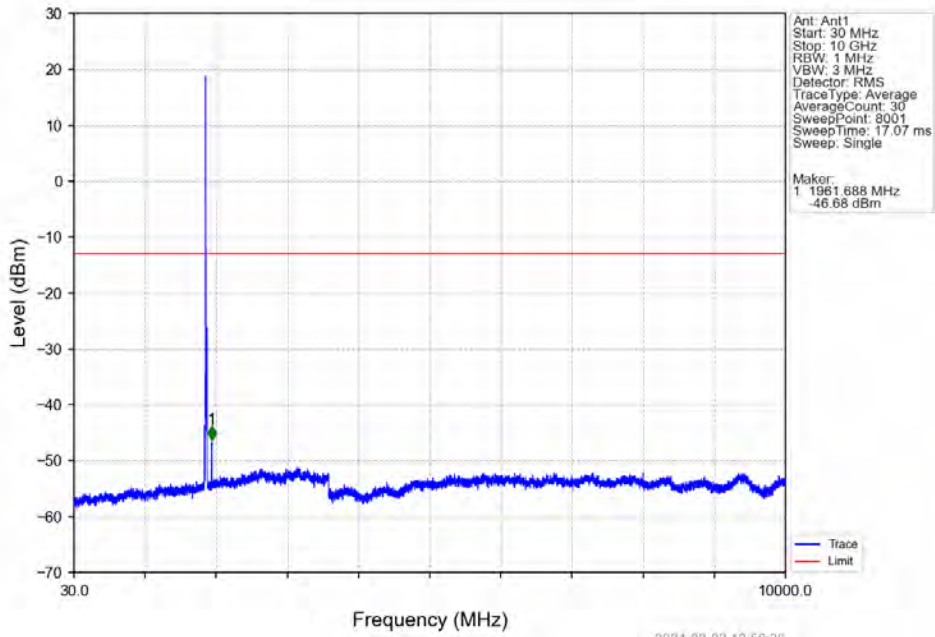


Band2_10MHz_QPSK_LCH_185MHz_RB_50_0_NTNV

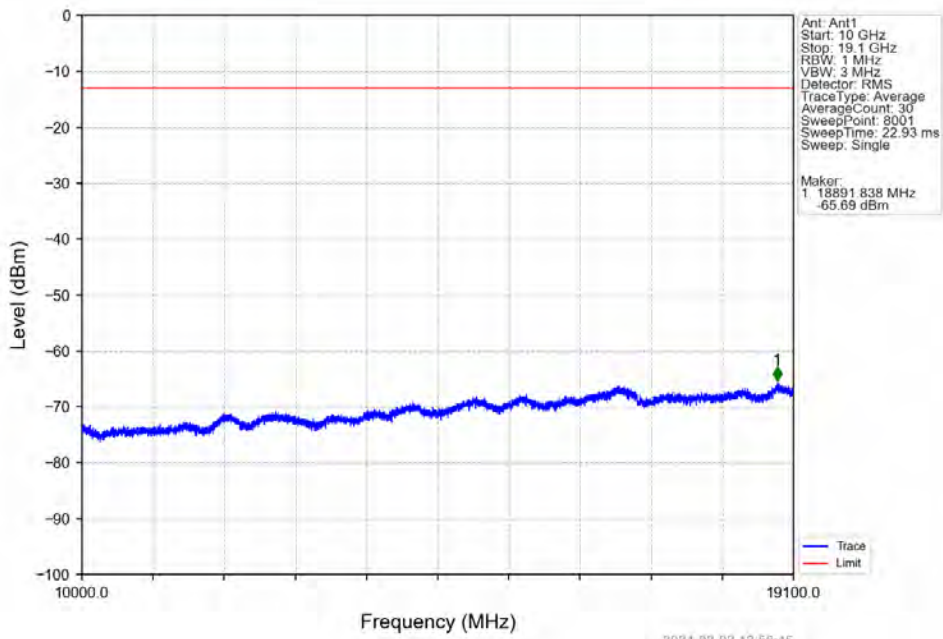


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1847.980	-27.85	-13	Pass
1849	1850	0.1	/	2	1849.900	-34.38	-13	Pass
1850	1860	0.1	/	/	/	/	/	/

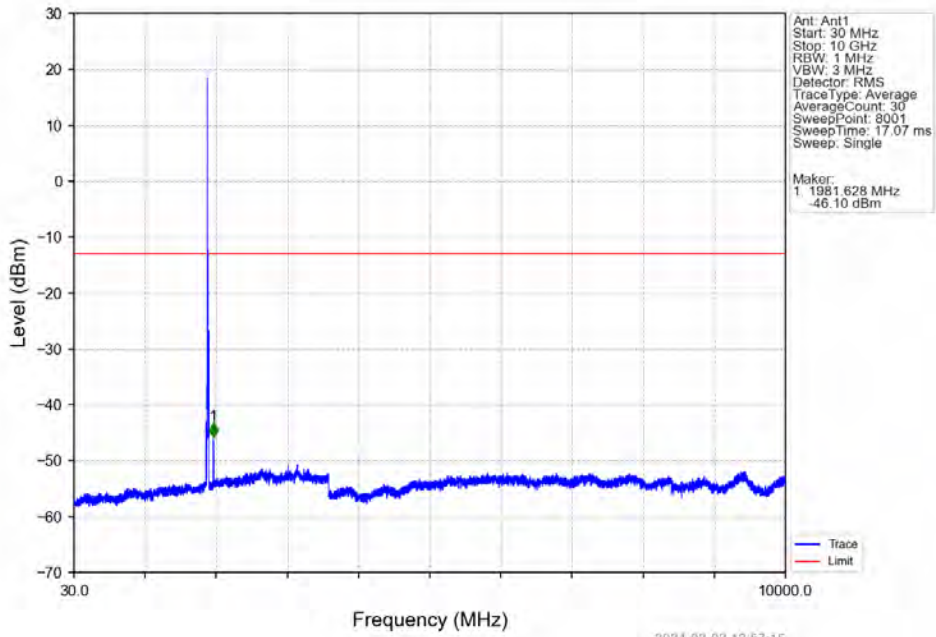
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



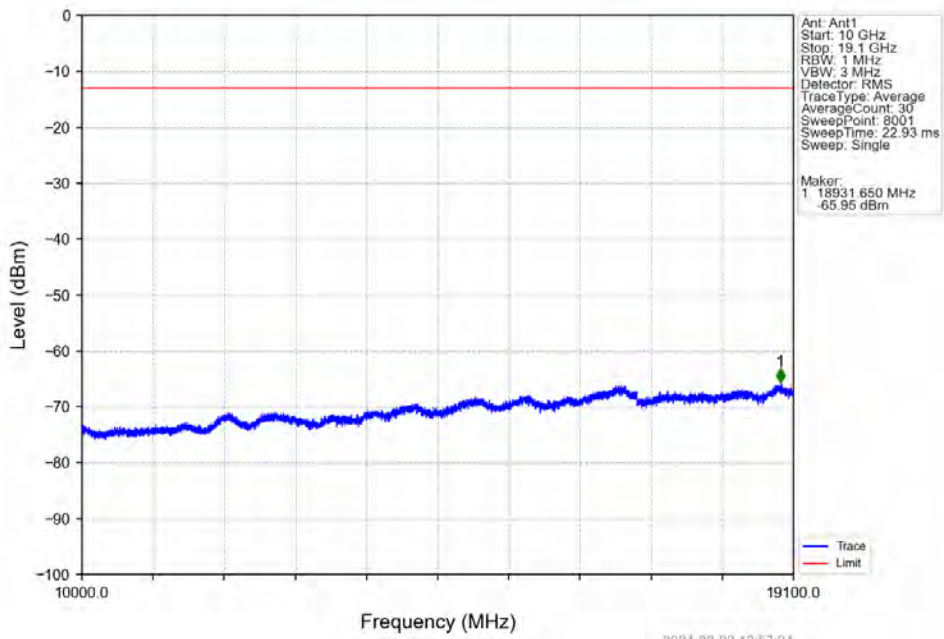
Band2_10MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



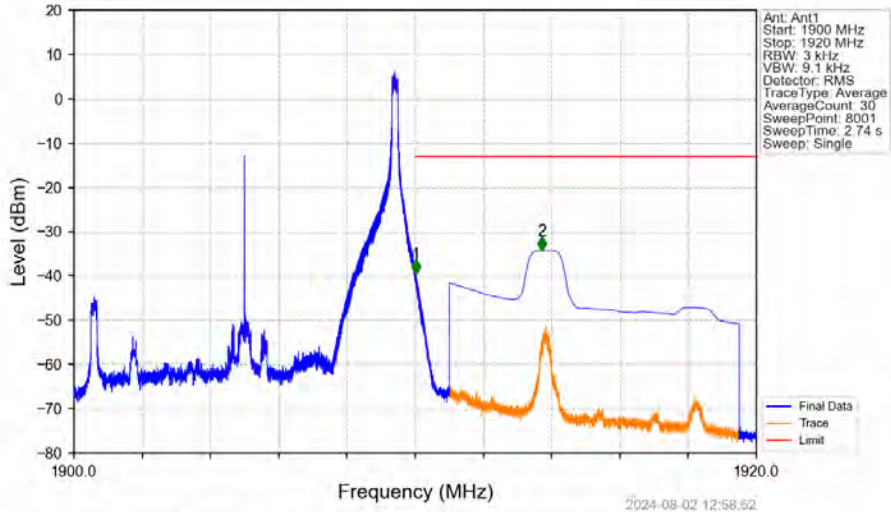
Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_QPSK_HCH_1905MHz_RB_1_0_NTNV

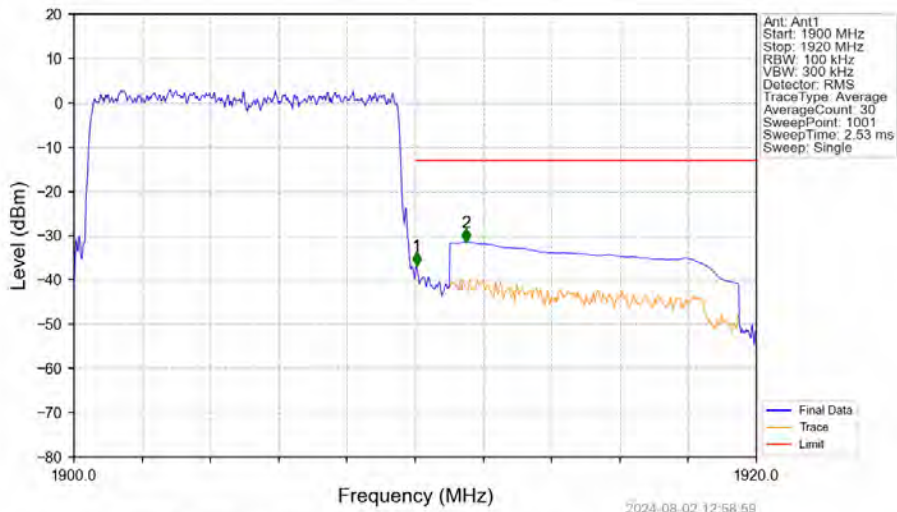


Band2_10MHz_QPSK_HCH_1905MHz_RB_1_49_NTNV



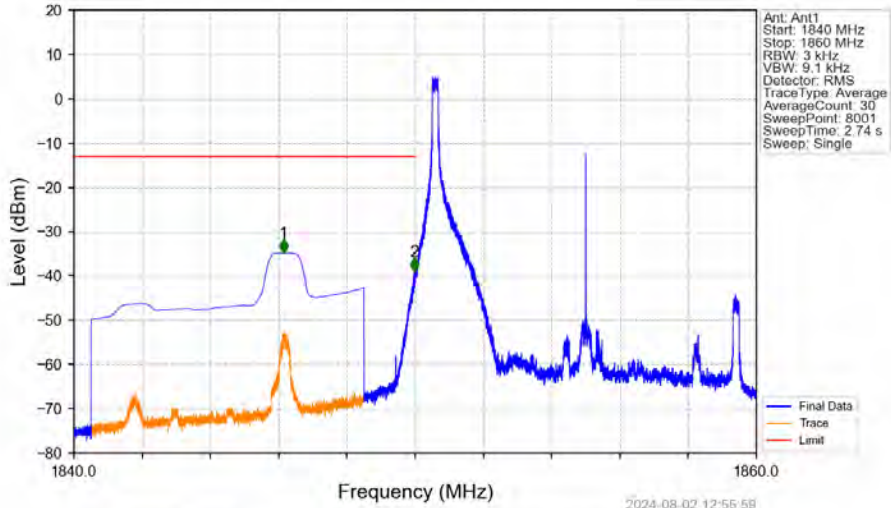
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.015	-39.59	-13	Pass
1911	1920	1	CHP	2	1913.723	-34.22	-13	Pass

Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV



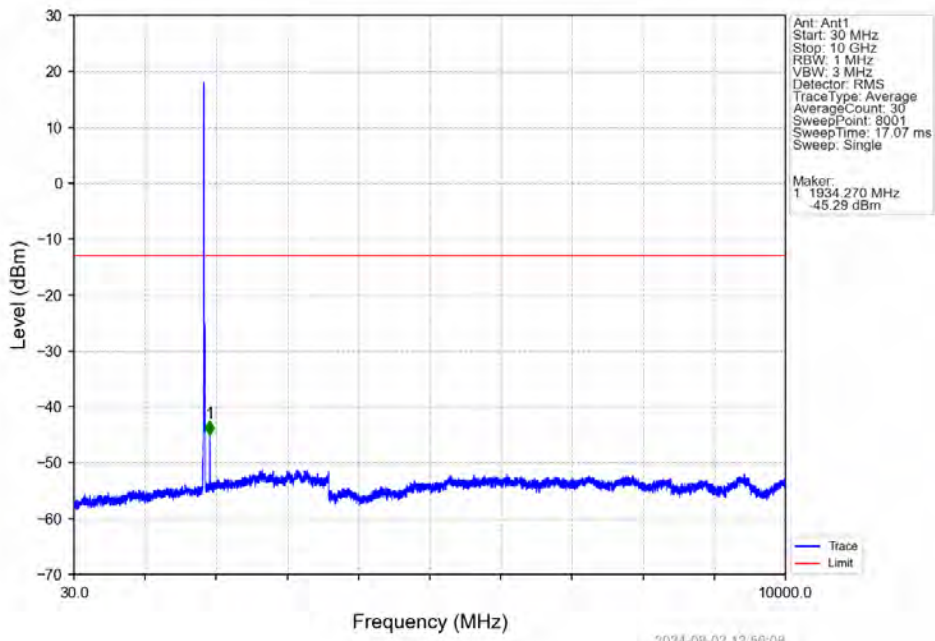
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.040	-36.77	-13	Pass
1911	1920	1	CHP	2	1911.500	-31.45	-13	Pass

Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

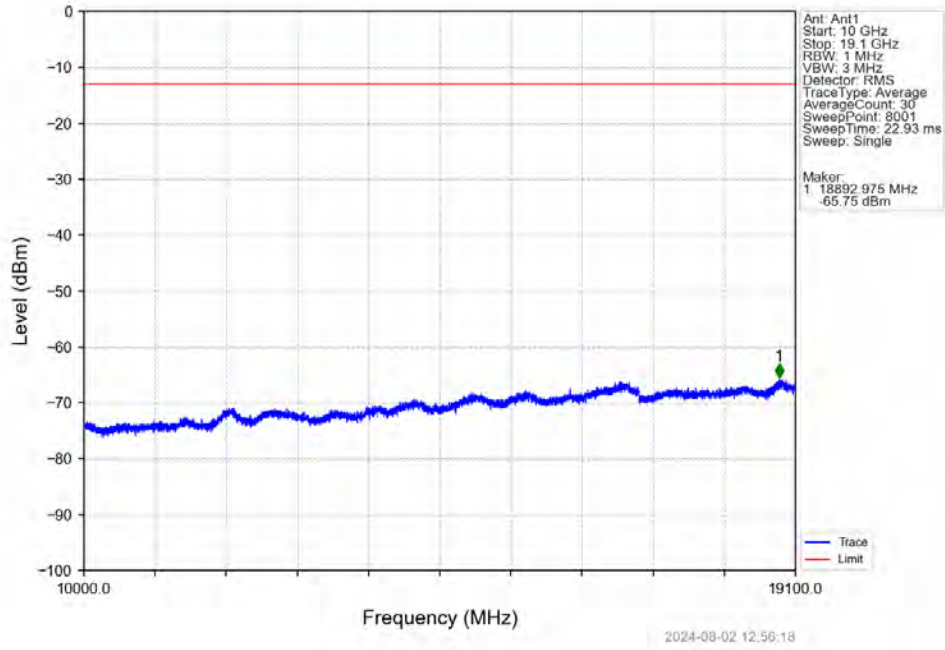


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1846.135	-34.83	-13	Pass
1849	1850	0.003	/	2	1849.970	-38.90	-13	Pass
1850	1860	0.003	/	/	/	/	/	/

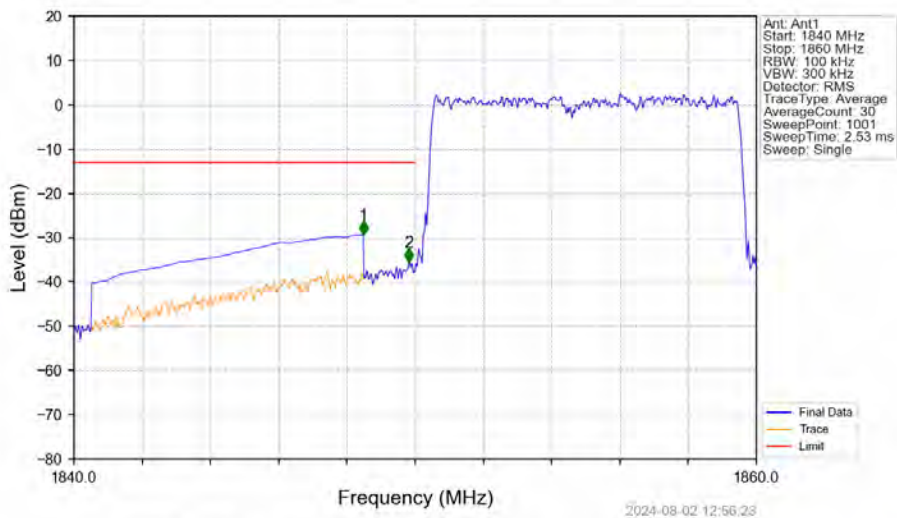
Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV



Band2_10MHz_16QAM_LCH_1855MHz_RB_1_0_NTNV

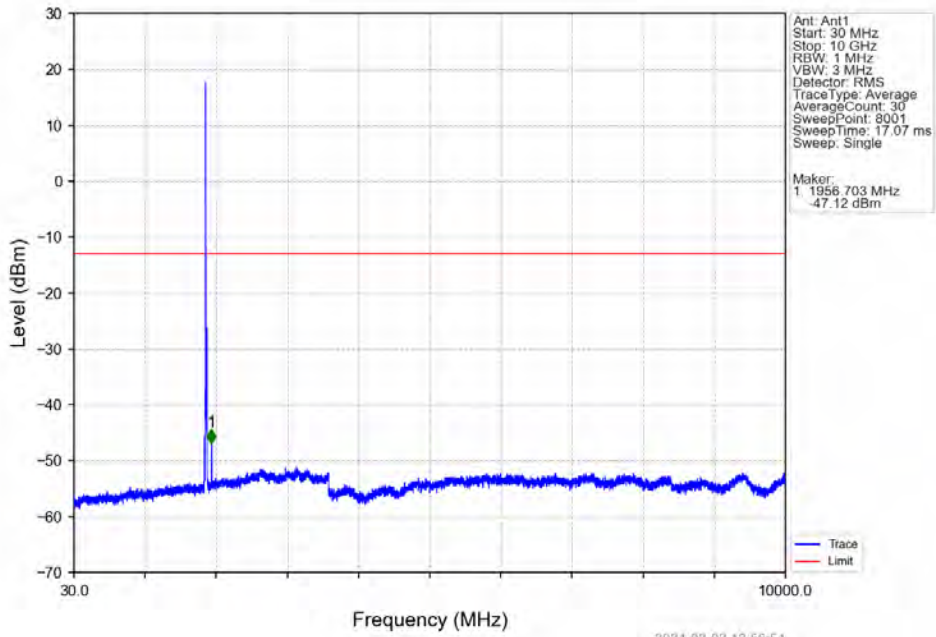


Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

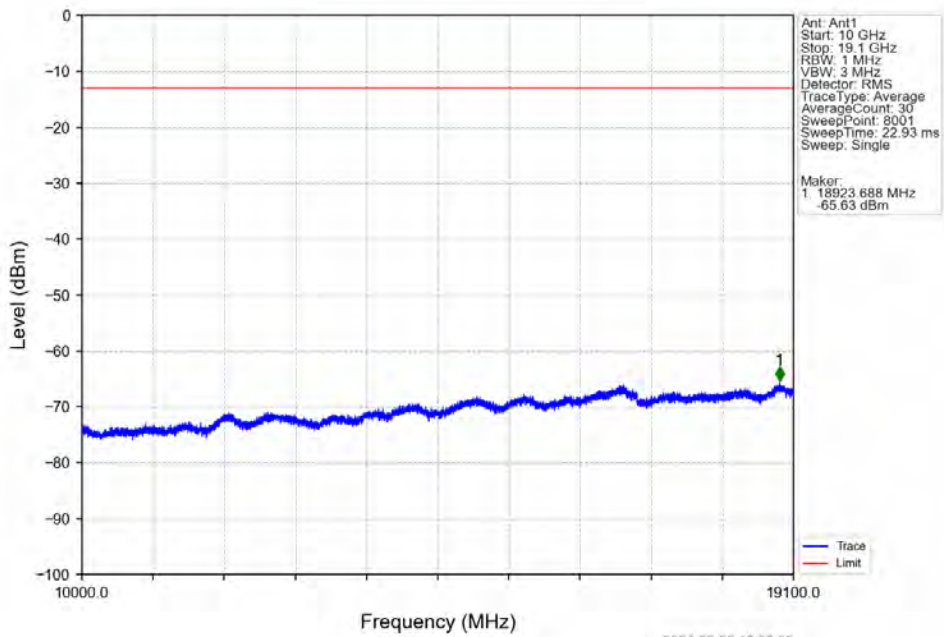


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1840	1849	1	CHP	1	1848.480	-29.31	-13	Pass
1849	1850	0.1	/	2	1849.820	-35.50	-13	Pass
1850	1860	0.1	/	/	/	/	/	/

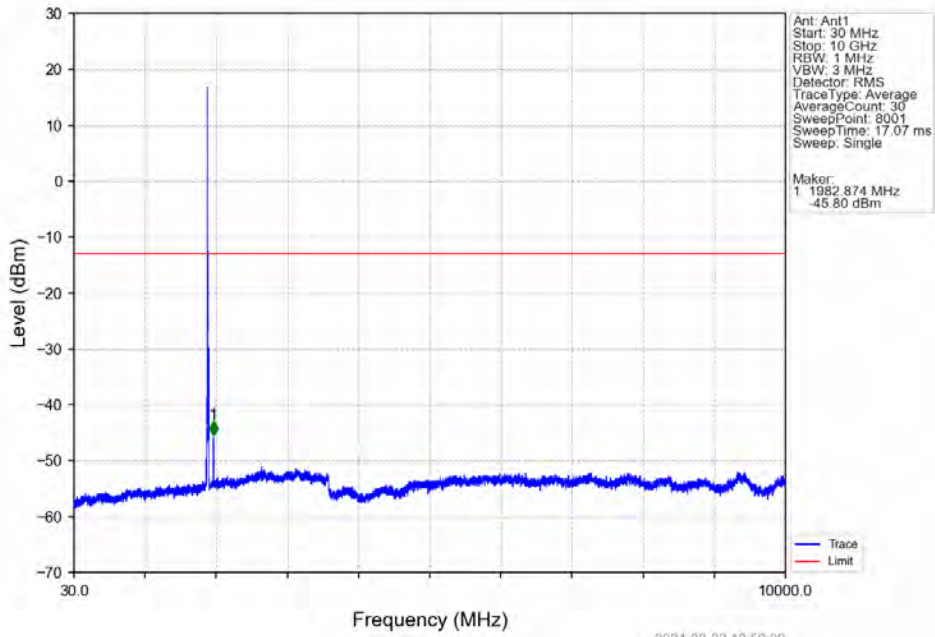
Band2_10MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



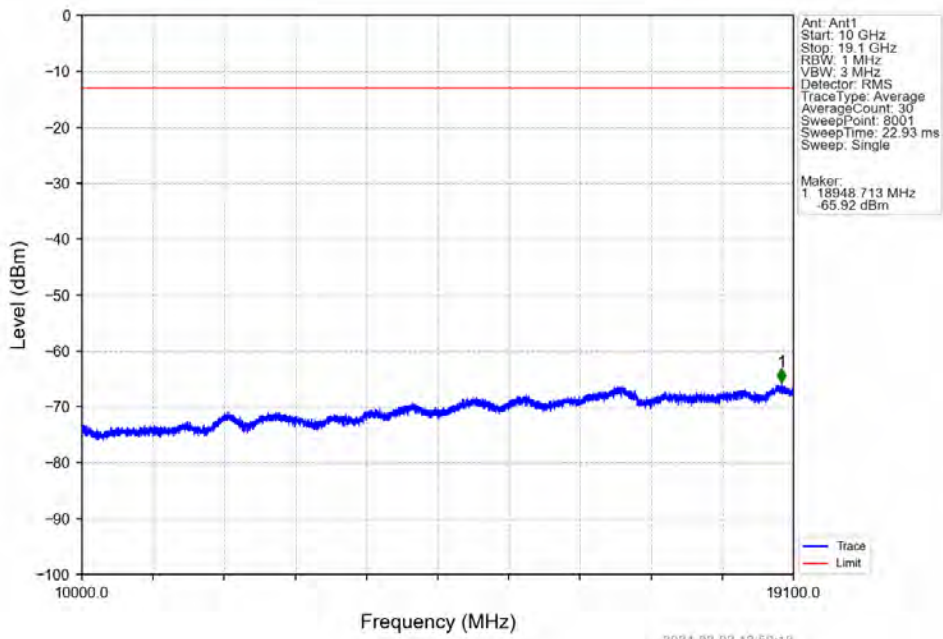
Band2_10MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



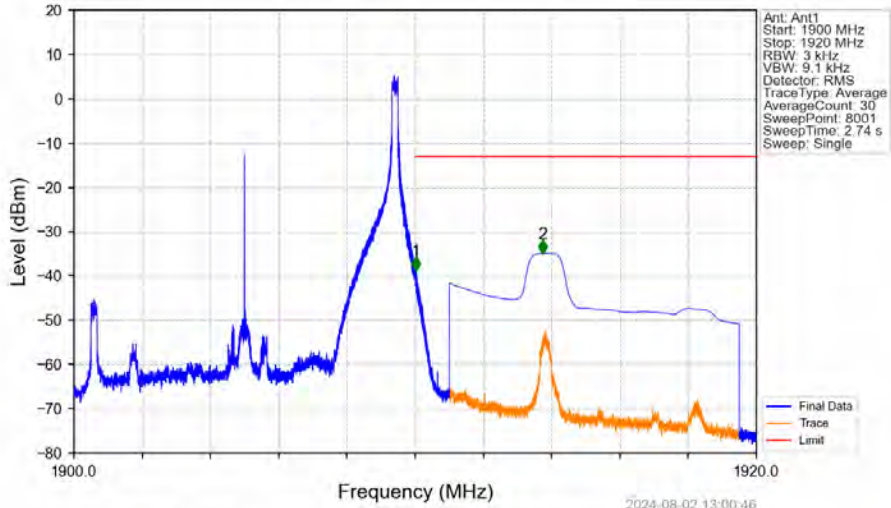
Band2_10MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



Band2_10MHz_16QAM_HCH_1905MHz_RB_1_0_NTNV



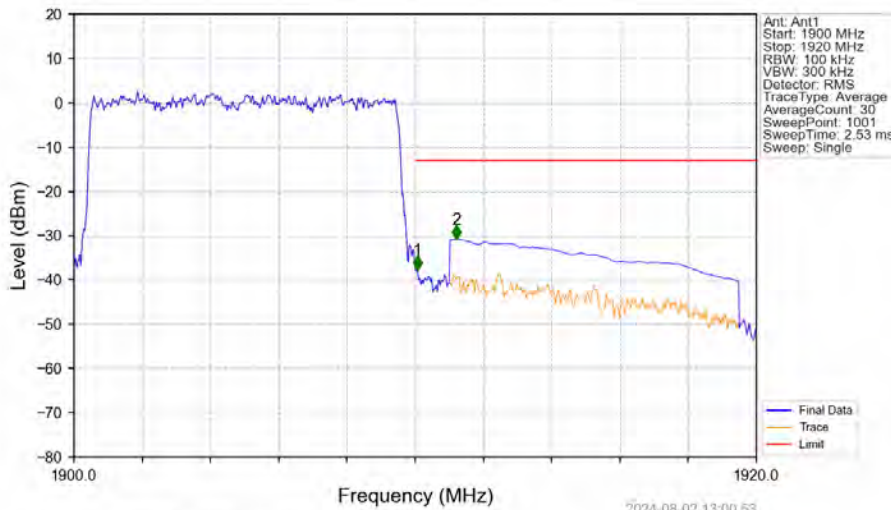
Band2_10MHz_16QAM_HCH_1905MHz_RB_1_49_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.015	-38.80	-13	Pass
1911	1920	1	CHP	2	1913.730	-34.94	-13	Pass

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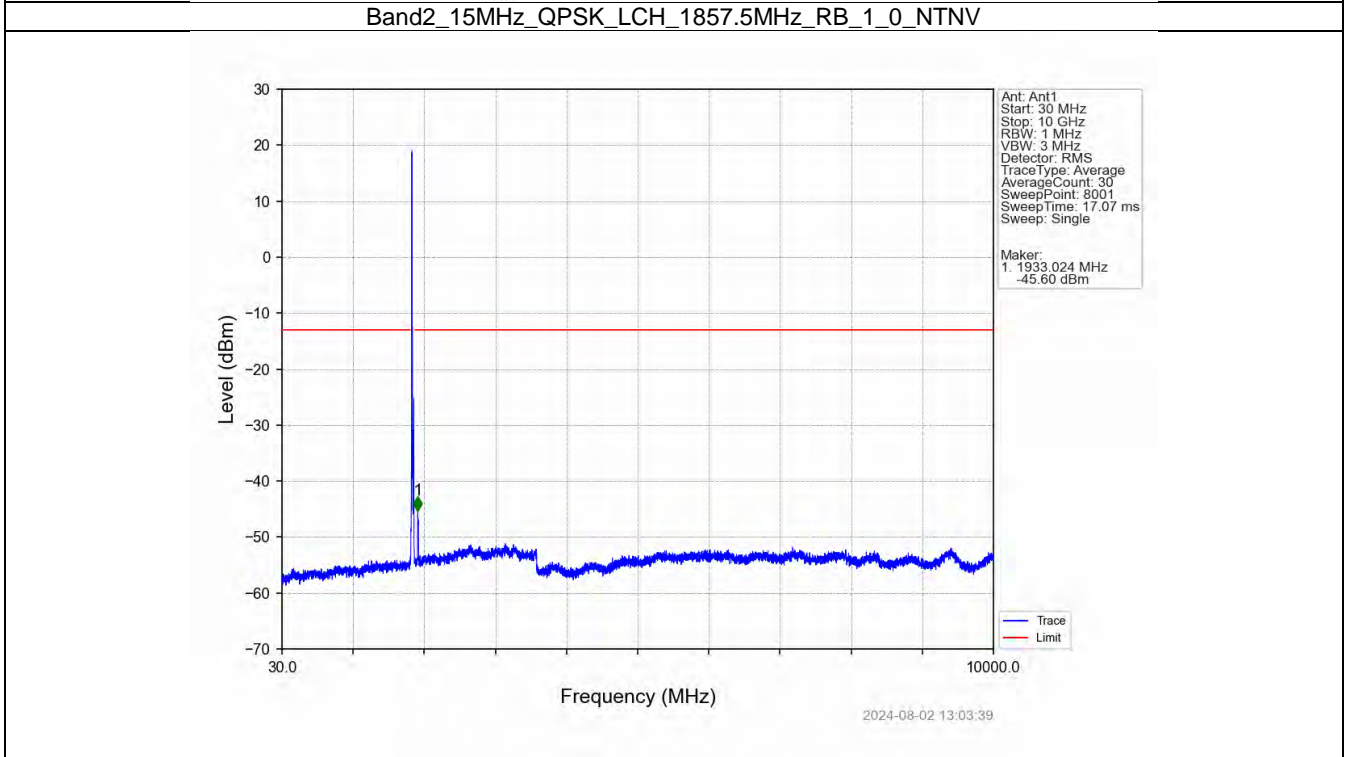
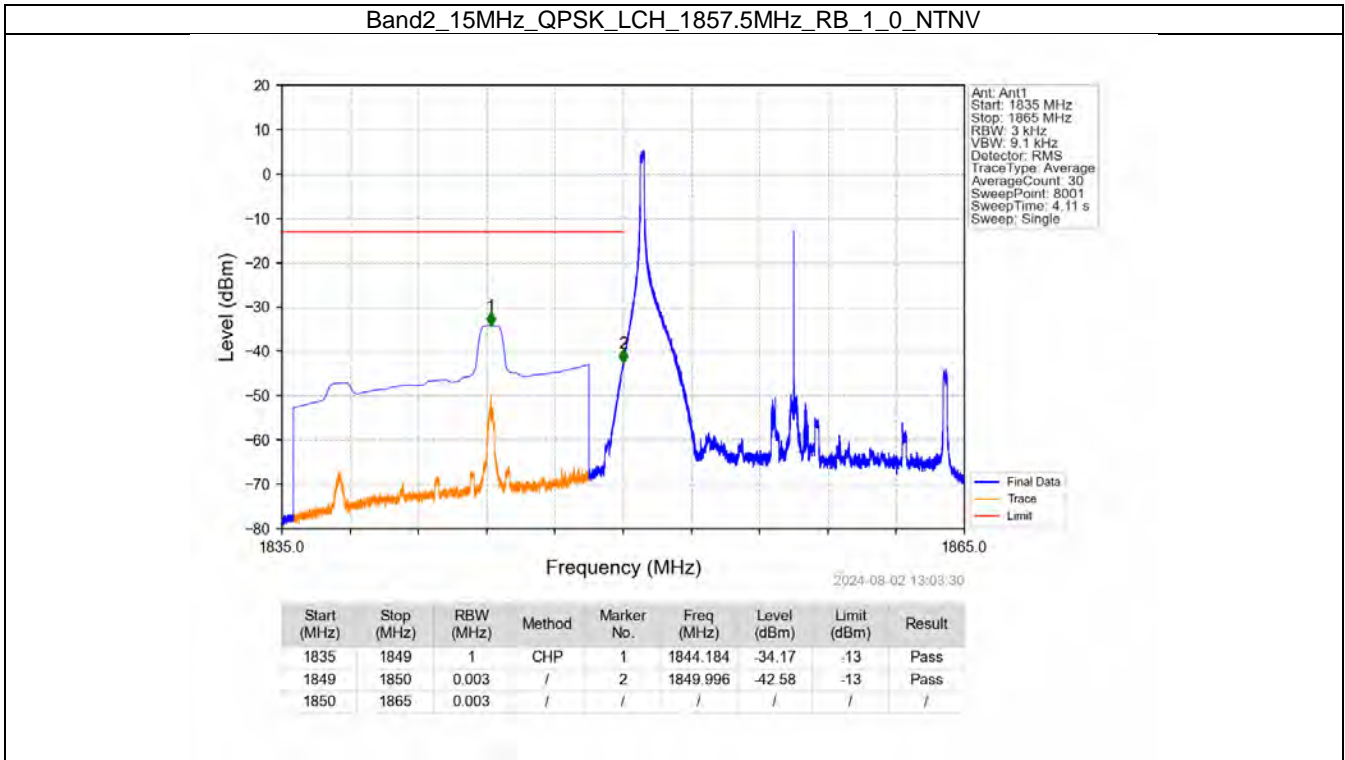
Band2_10MHz_16QAM_HCH_1905MHz_RB_50_0_NTV



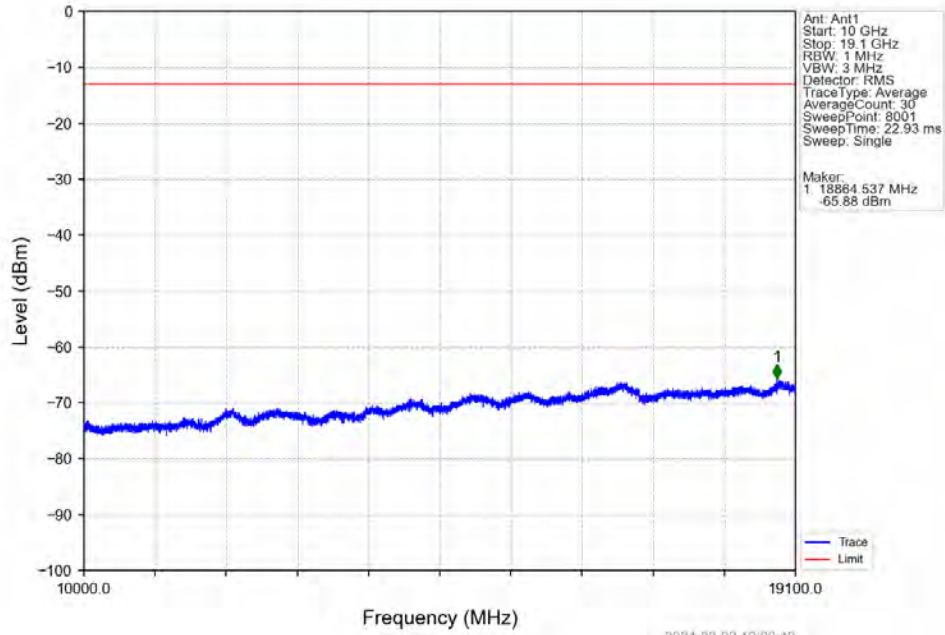
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1900	1910	0.1	/	/	/	/	/	/
1910	1911	0.1	/	1	1910.060	-37.63	-13	Pass
1911	1920	1	CHP	2	1911.200	-30.80	-13	Pass

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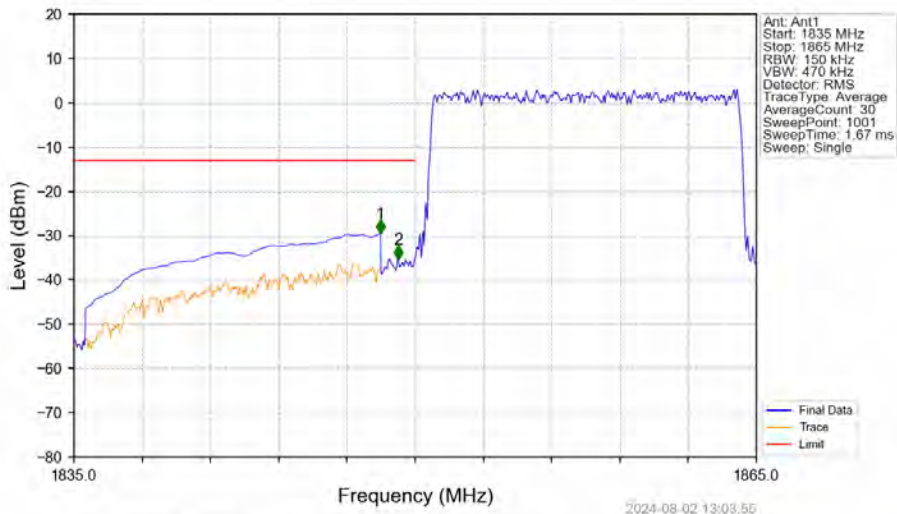
6.2.5 B2_15MHz



Band2_15MHz_QPSK_LCH_1857.5MHz_RB_1_0_NTNV

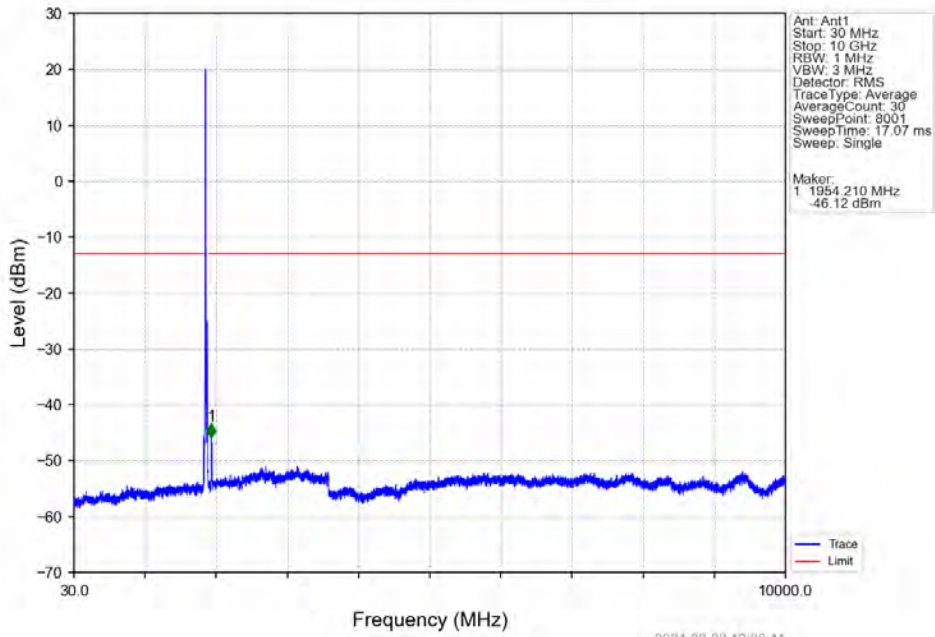


Band2_15MHz_QPSK_LCH_1857.5MHz_RB_75_0_NTNV

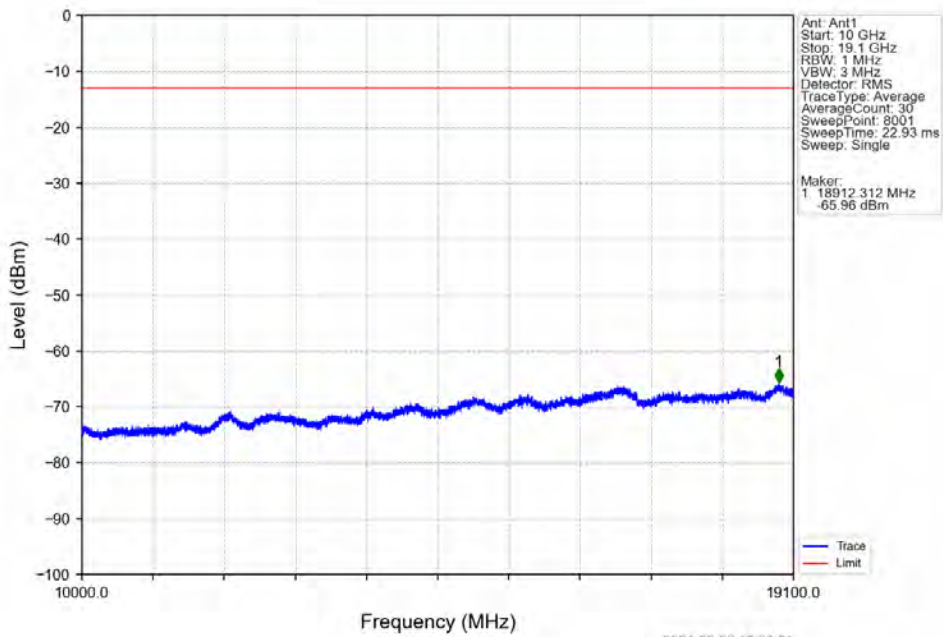


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.470	-29.49	-13	Pass
1849	1850	0.15	/	2	1849.250	-35.24	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

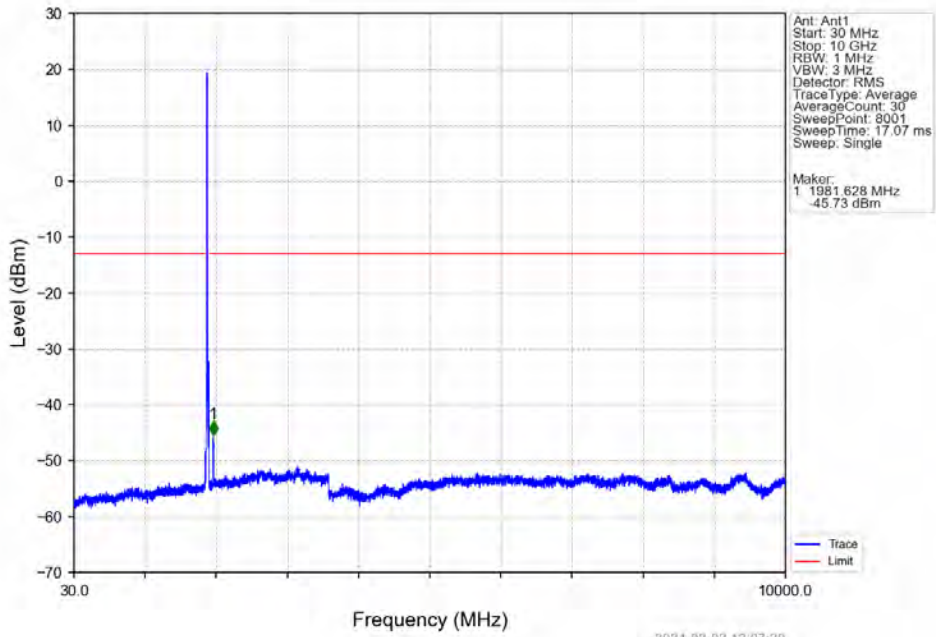
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



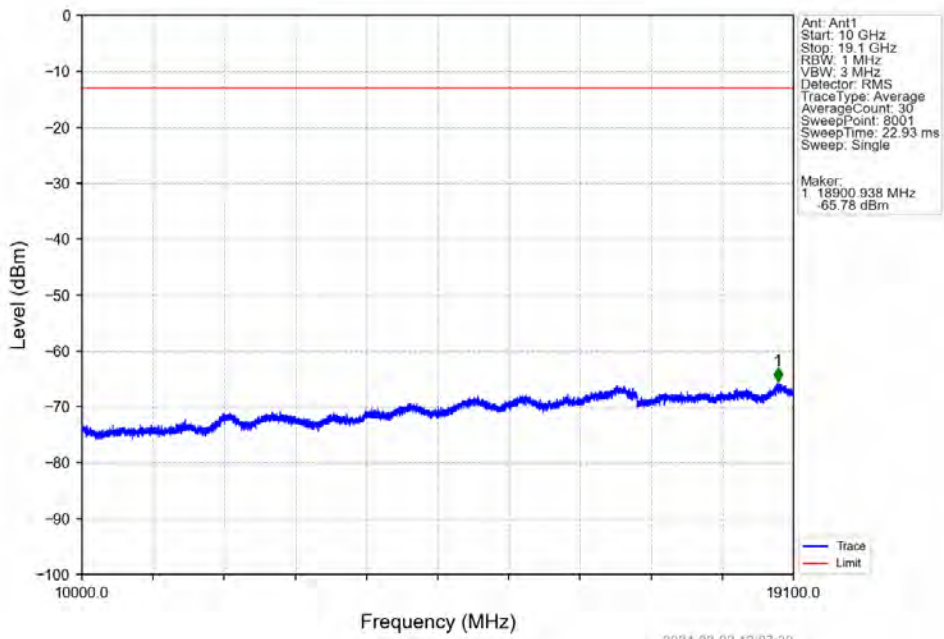
Band2_15MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



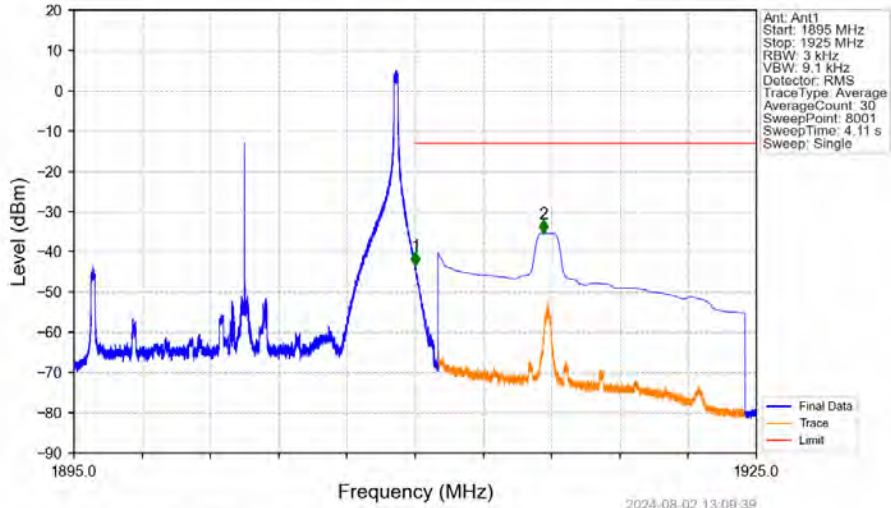
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_0_NTNV



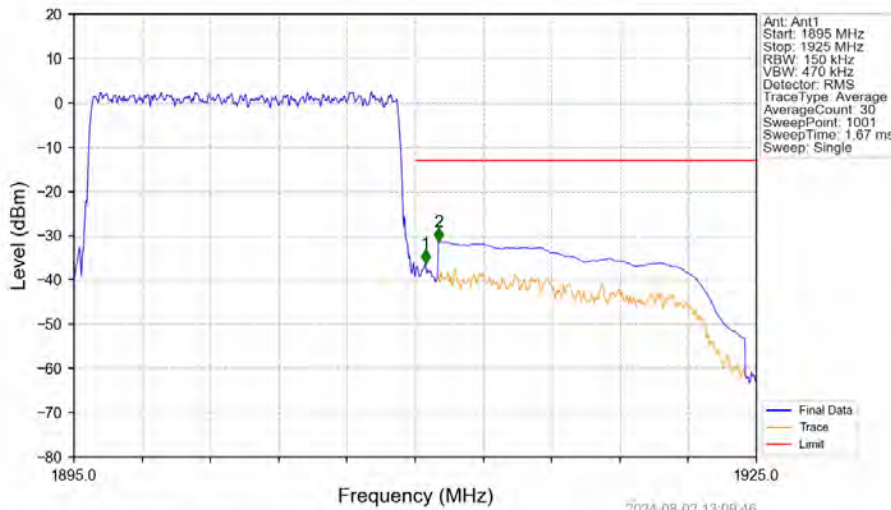
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_1_74_NTNV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.004	-43.42	-13	Pass
1911	1925	1	CHP	2	1915.632	-35.39	-13	Pass

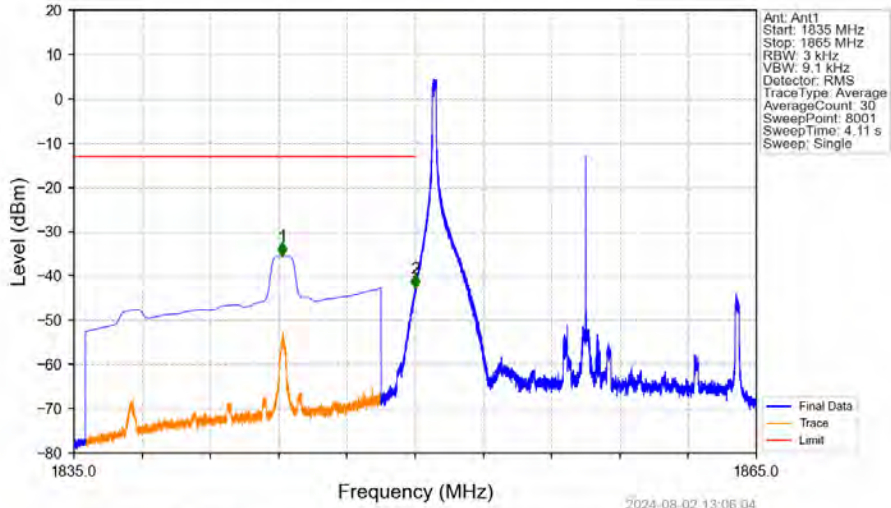
Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



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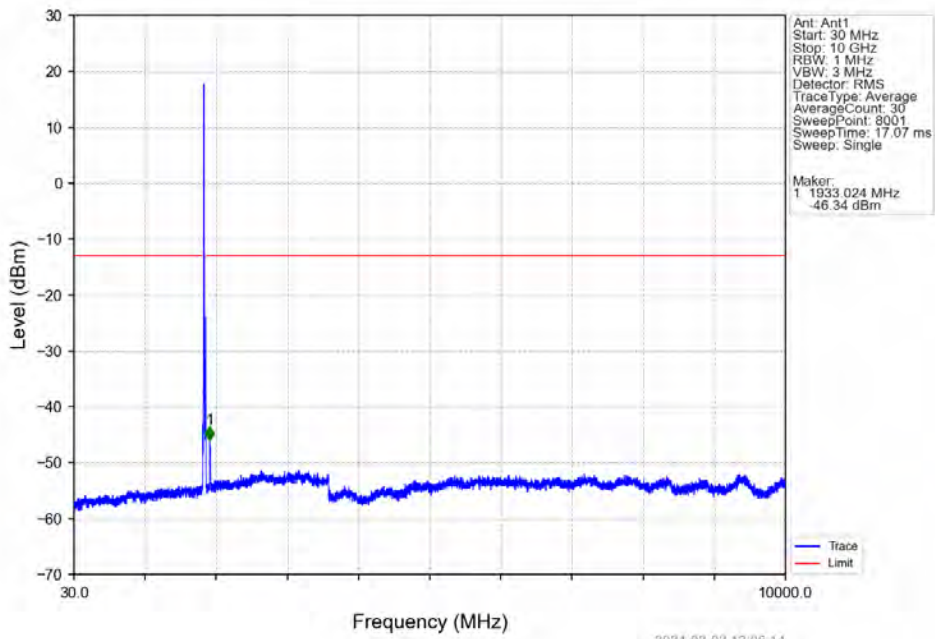
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.450	-36.29	-13	Pass
1911	1925	1	CHP	2	1911.020	-31.29	-13	Pass

Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

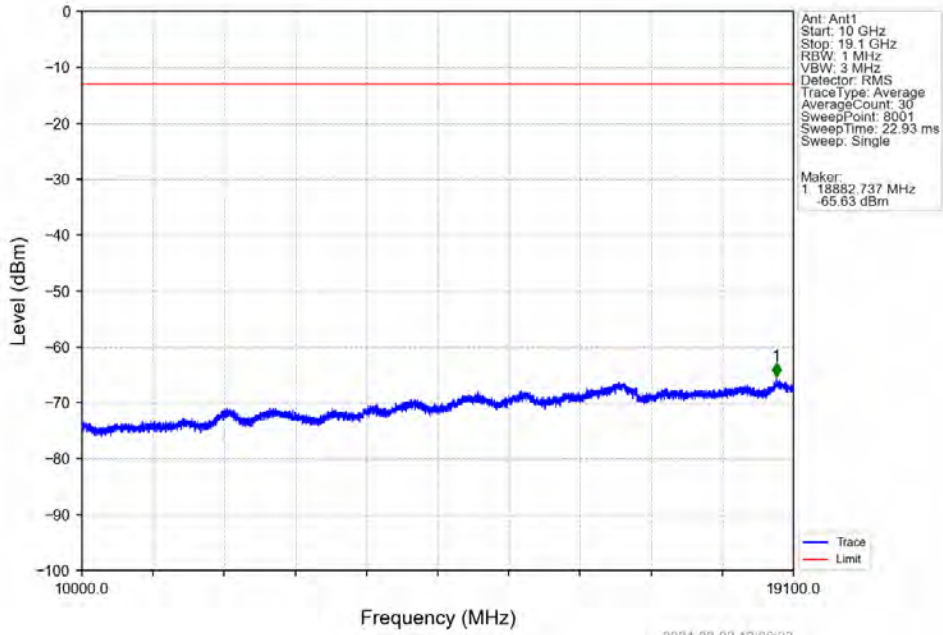


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1844.158	-35.57	-13	Pass
1849	1850	0.003	/	2	1849.996	-42.75	-13	Pass
1850	1865	0.003	/	/	/	/	/	/

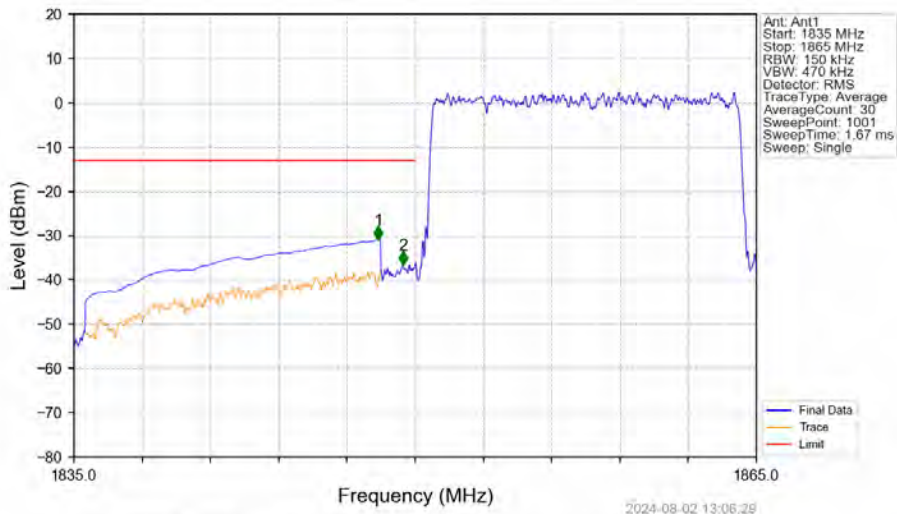
Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV



Band2_15MHz_16QAM_LCH_1857.5MHz_RB_1_0_NTNV

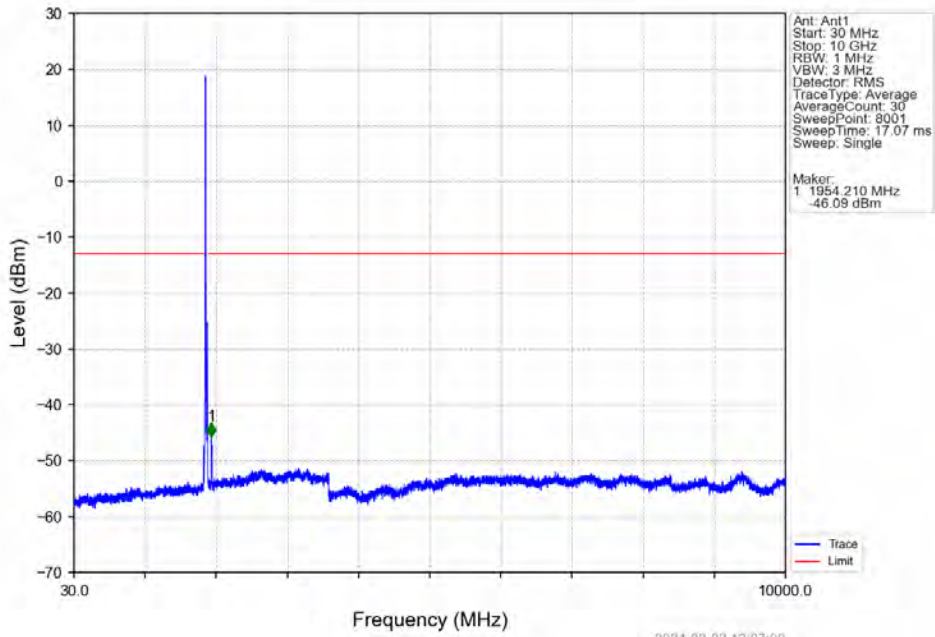


Band2_15MHz_16QAM_LCH_1857.5MHz_RB_75_0_NTNV

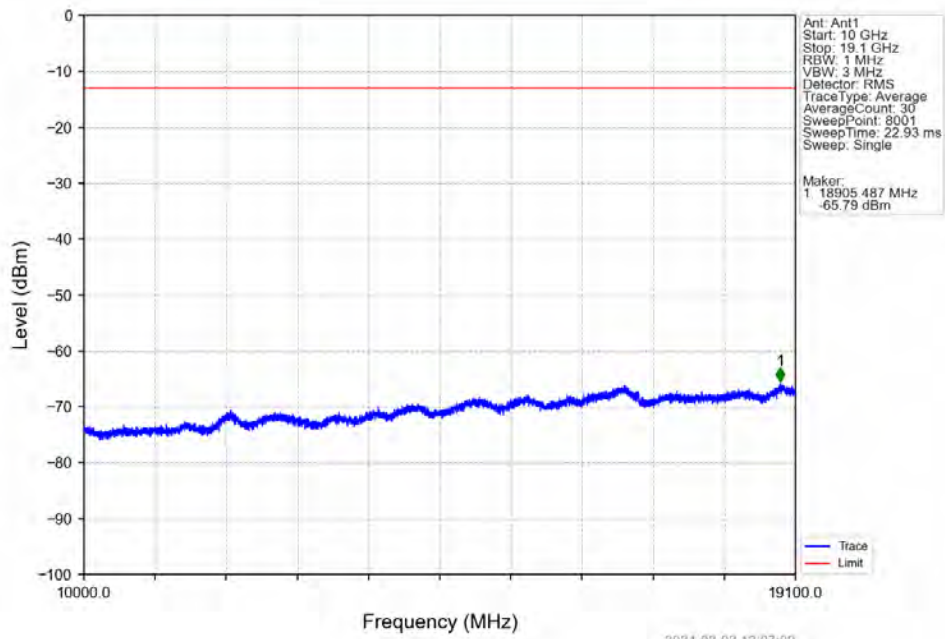


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1835	1849	1	CHP	1	1848.380	-30.94	-13	Pass
1849	1850	0.15	/	2	1849.460	-36.52	-13	Pass
1850	1865	0.15	/	/	/	/	/	/

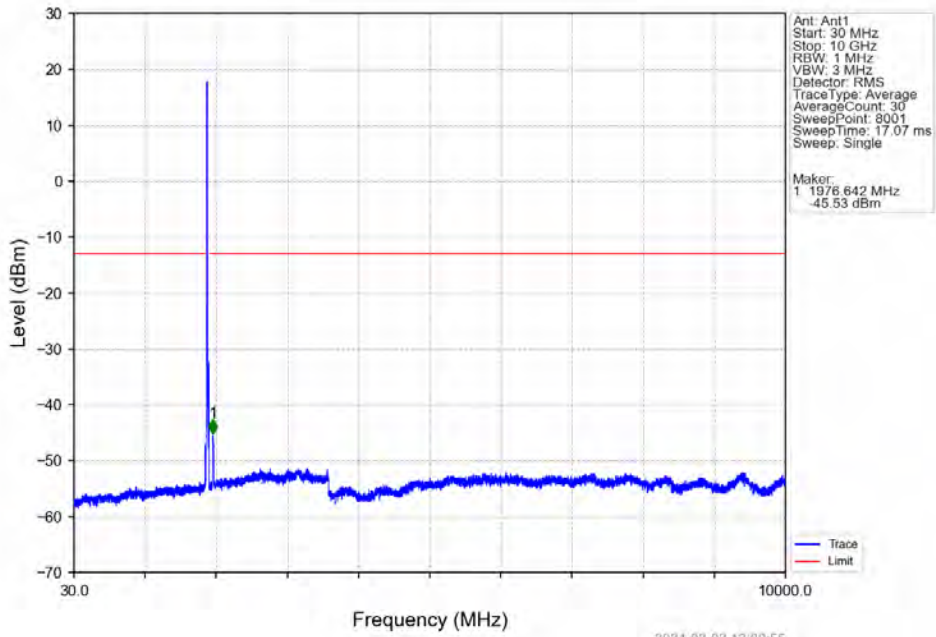
Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



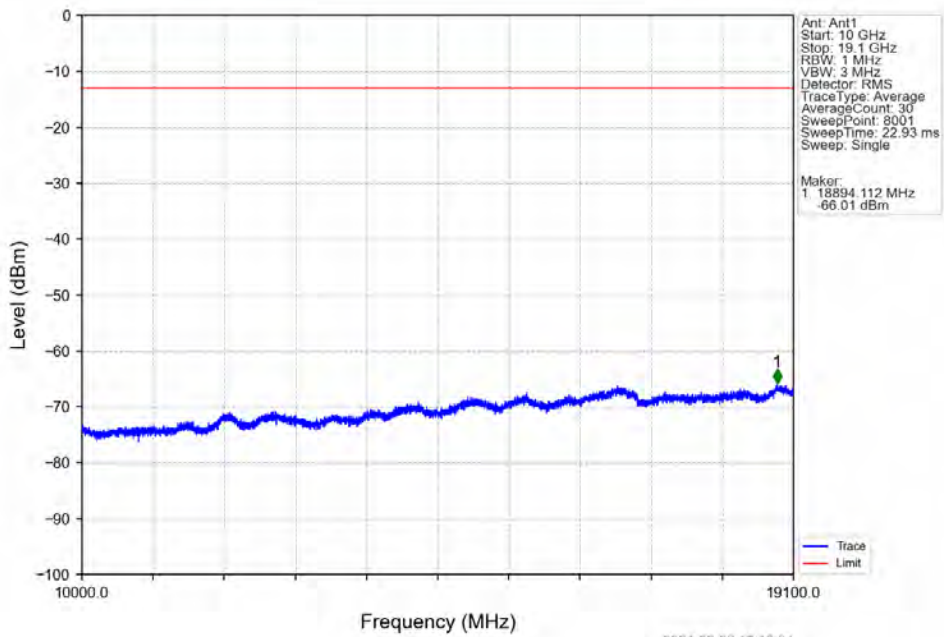
Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



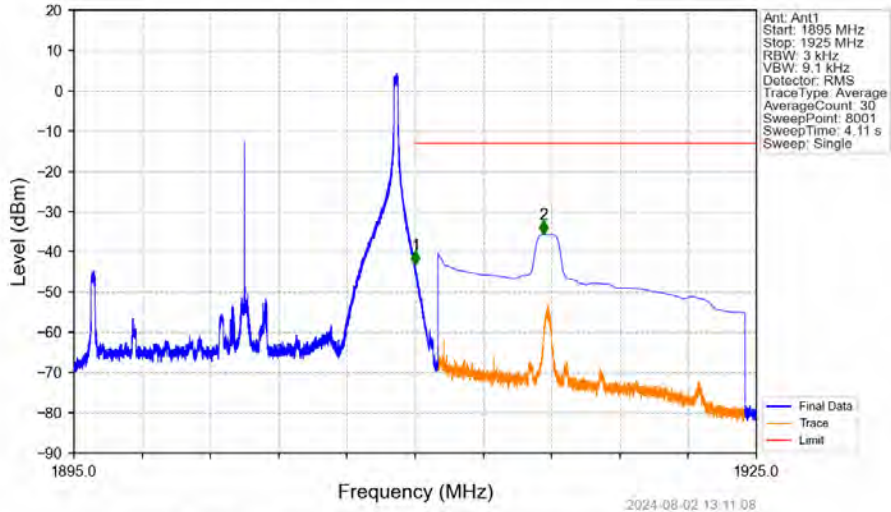
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_0_NTNV



Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_0_NTNV

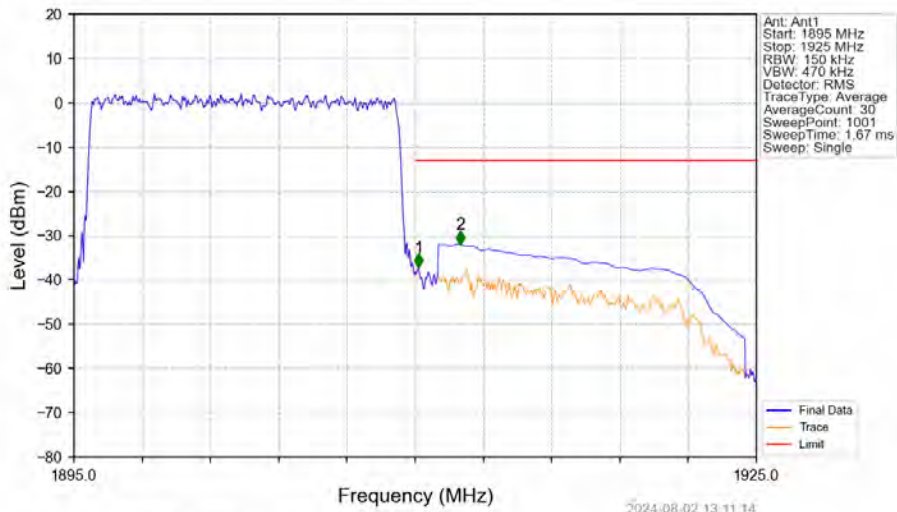


Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.004	-43.32	-13	Pass
1911	1925	1	CHP	2	1915.636	-35.69	-13	Pass

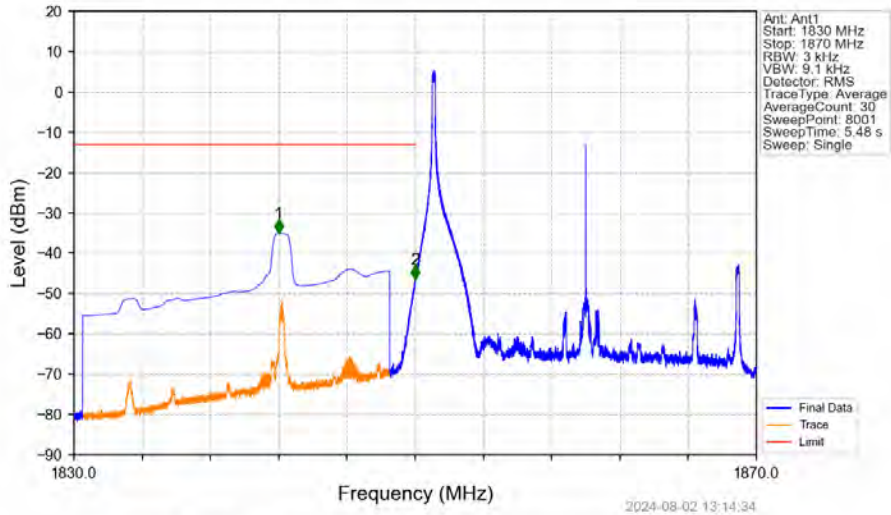
Band2_15MHz_16QAM_HCH_1902.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1895	1910	0.15	/	/	/	/	/	/
1910	1911	0.15	/	1	1910.150	-37.15	-13	Pass
1911	1925	1	CHP	2	1911.980	-31.95	-13	Pass

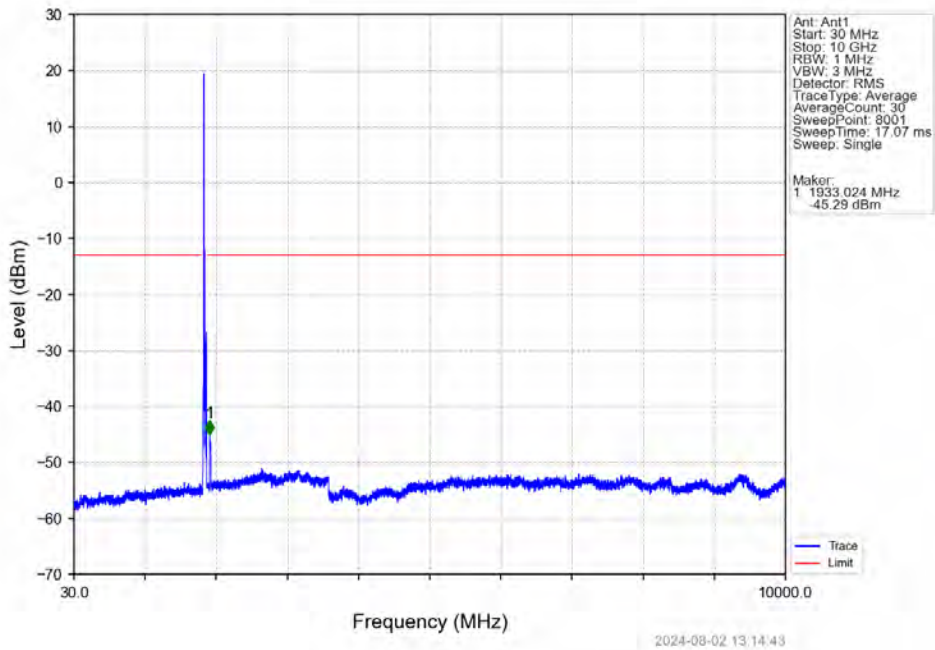
6.2.6 B2_20MHz

Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

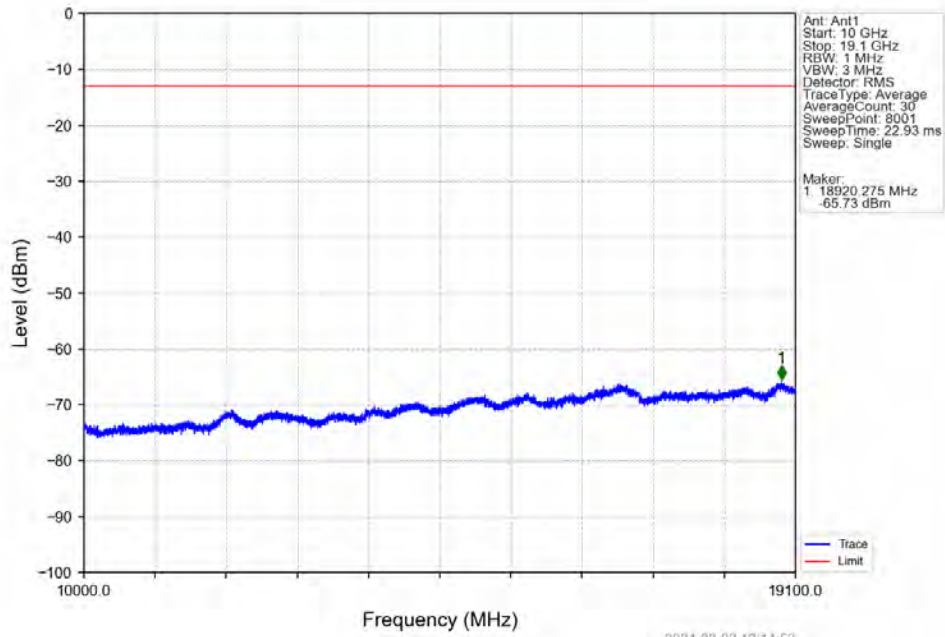


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1841.995	-35.07	-13	Pass
1849	1850	0.003	/	2	1849.995	-46.46	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

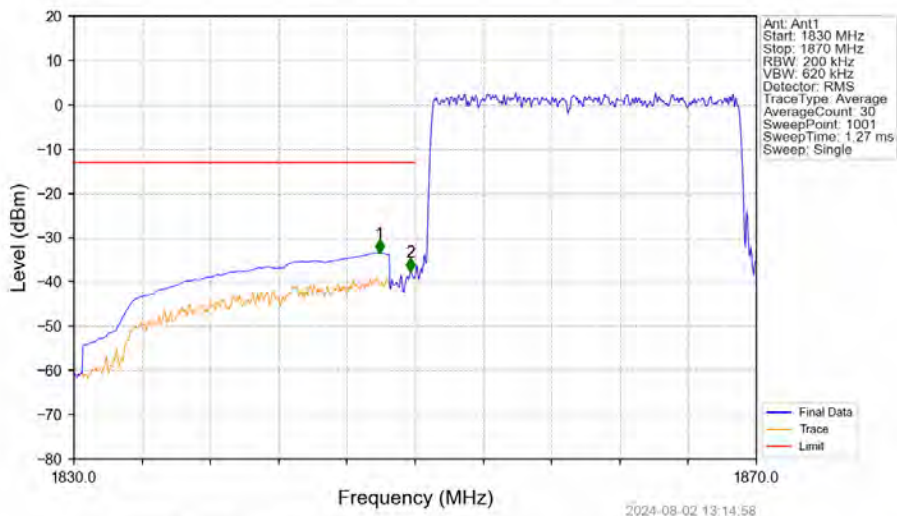
Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_LCH_1860MHz_RB_1_0_NTNV

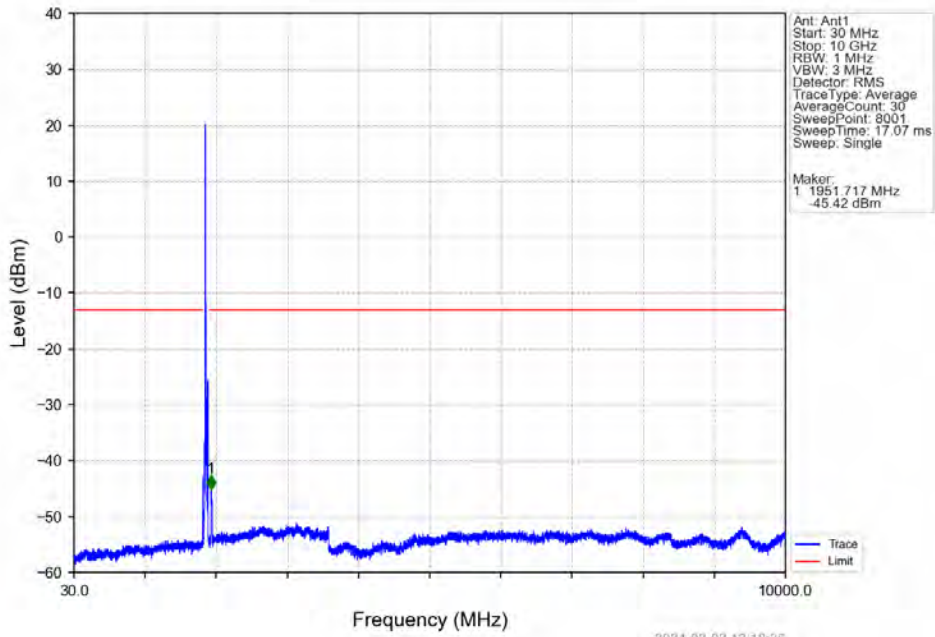


Band2_20MHz_QPSK_LCH_1860MHz_RB_100_0_NTNV

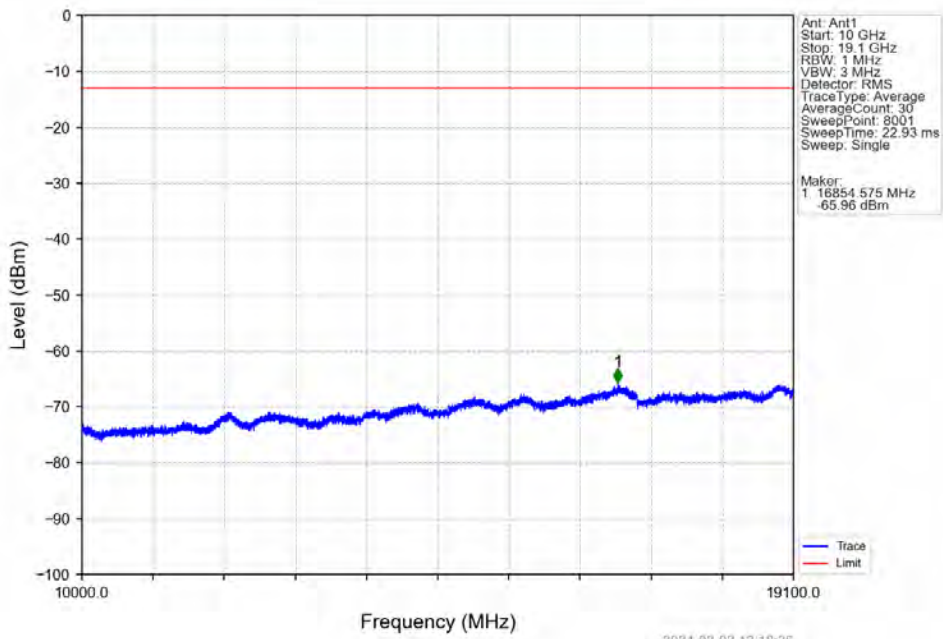


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1847.920	-33.42	-13	Pass
1849	1850	0.2	/	2	1849.720	-37.63	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

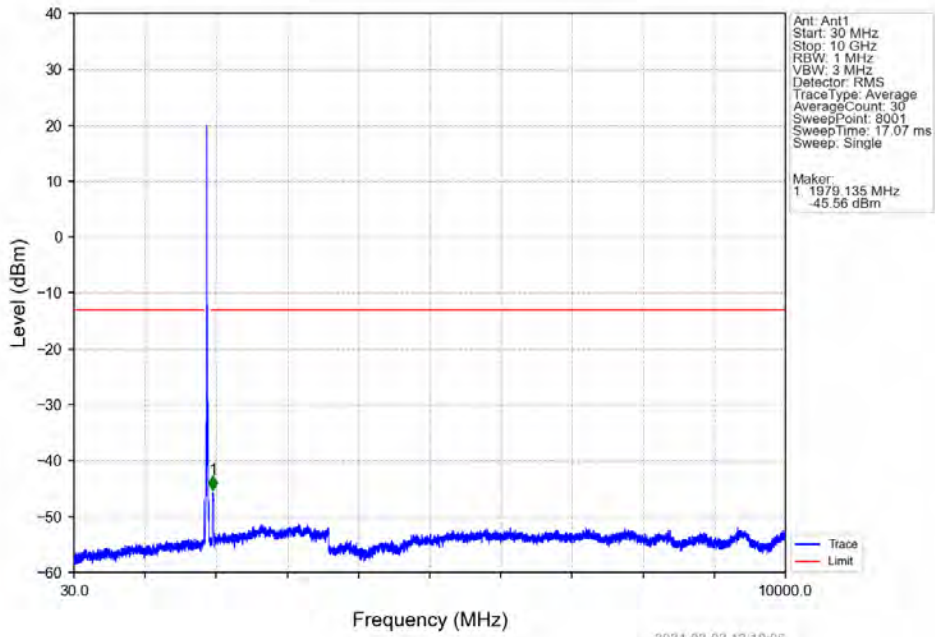
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



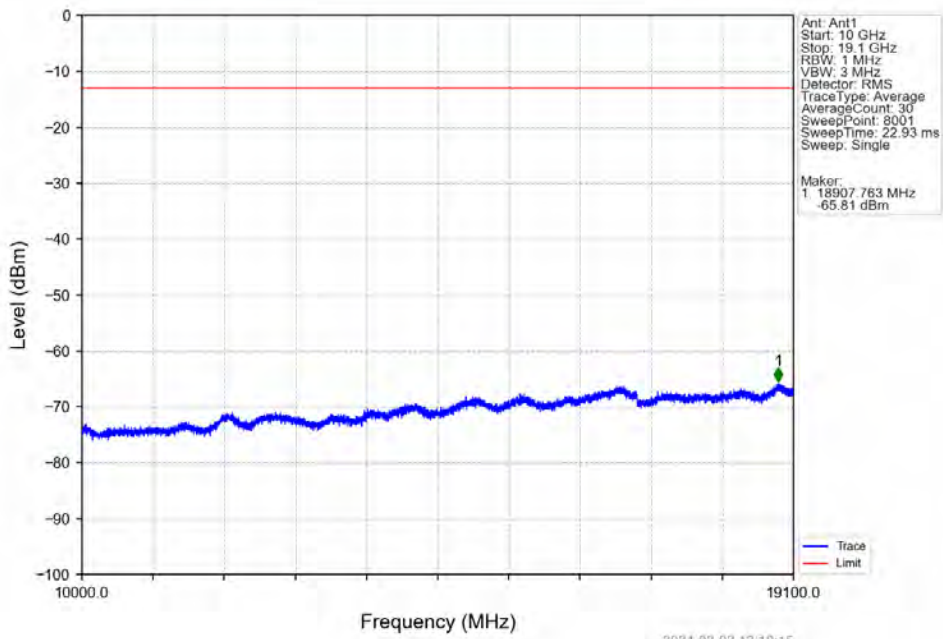
Band2_20MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



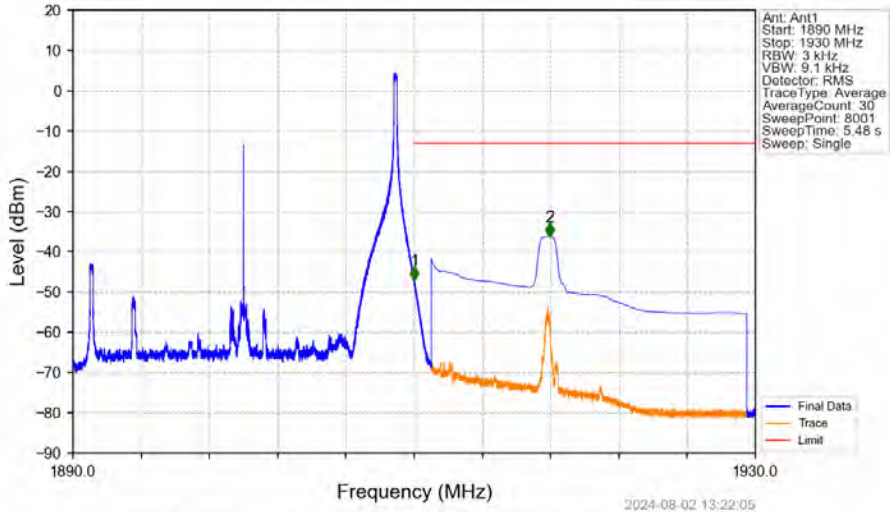
Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

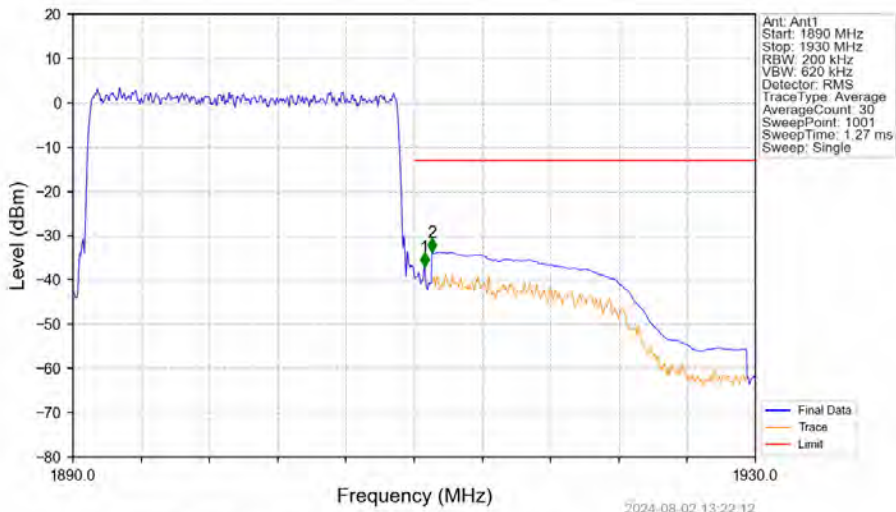


Band2_20MHz_QPSK_HCH_1900MHz_RB_1_99_NTNV



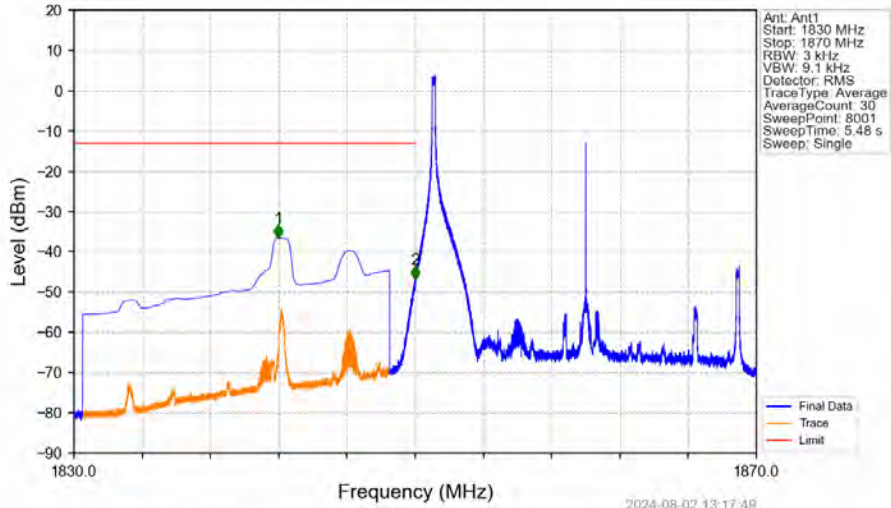
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.005	-47.06	-13	Pass
1911	1930	1	CHP	2	1917.930	-36.21	-13	Pass

Band2_20MHz_QPSK_HCH_1900MHz_RB_100_0_NTNV



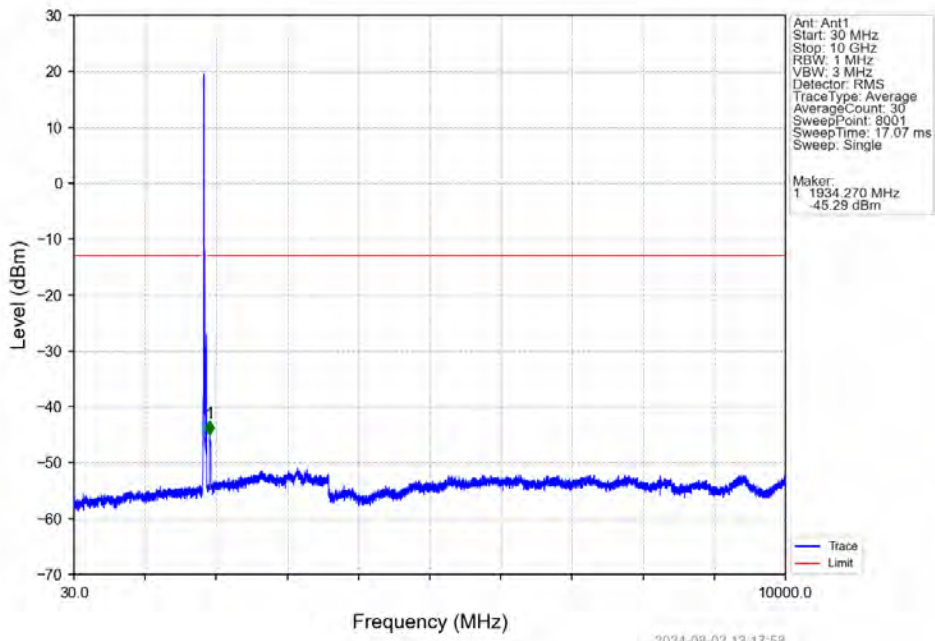
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.600	-36.95	-13	Pass
1911	1930	1	CHP	2	1911.040	-33.67	-13	Pass

Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

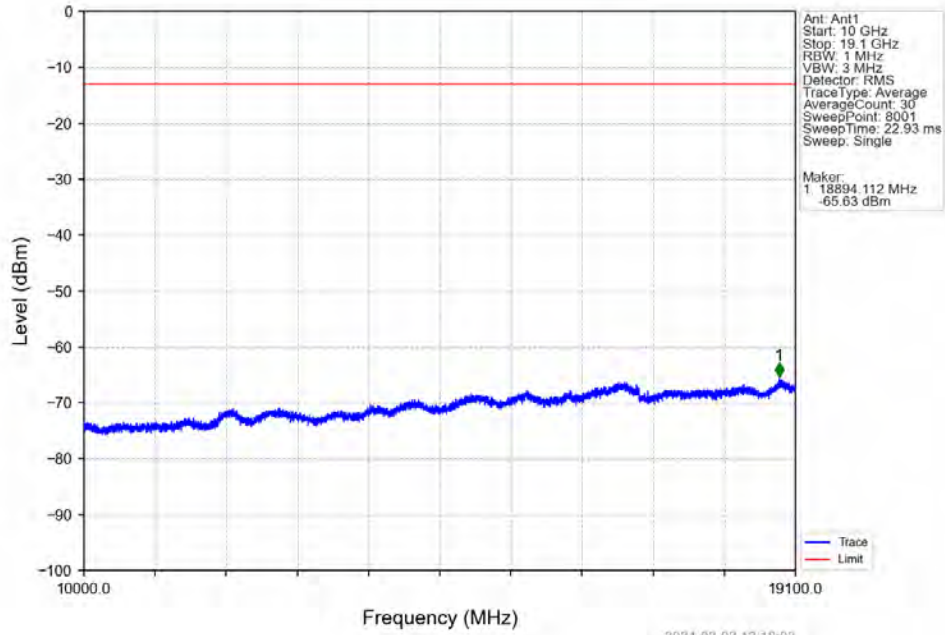


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1841.980	-36.58	-13	Pass
1849	1850	0.003	/	2	1849.995	-46.85	-13	Pass
1850	1870	0.003	/	/	/	/	/	/

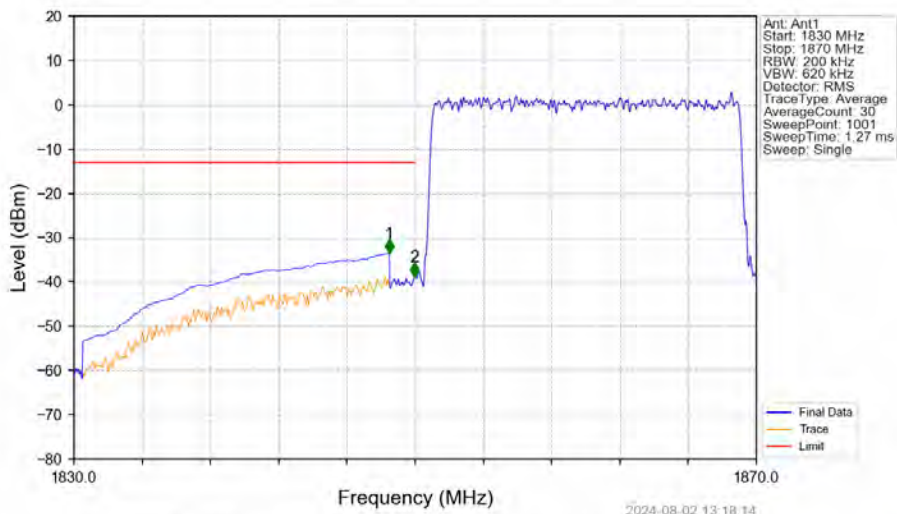
Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV



Band2_20MHz_16QAM_LCH_1860MHz_RB_1_0_NTNV

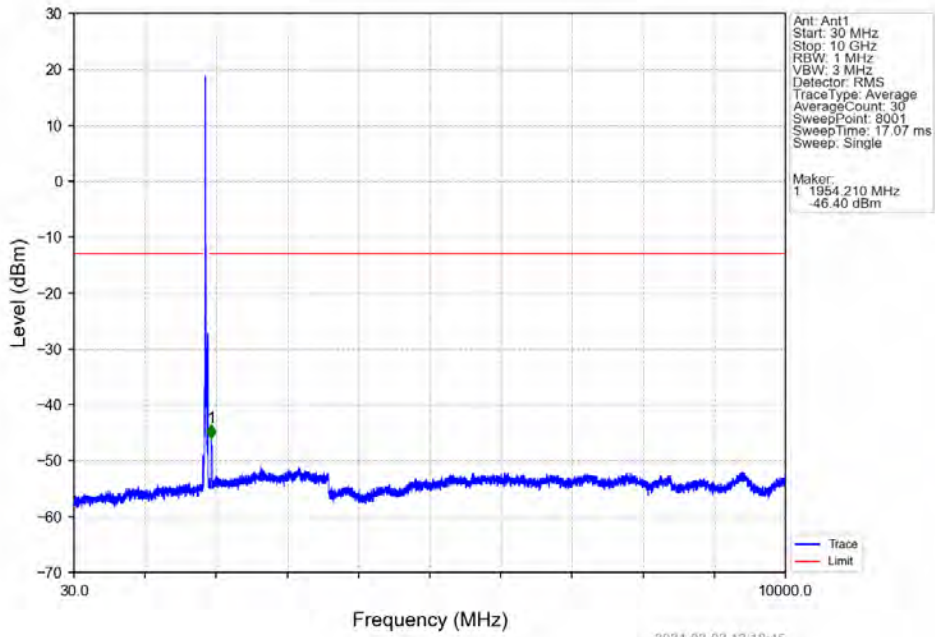


Band2_20MHz_16QAM_LCH_1860MHz_RB_100_0_NTNV

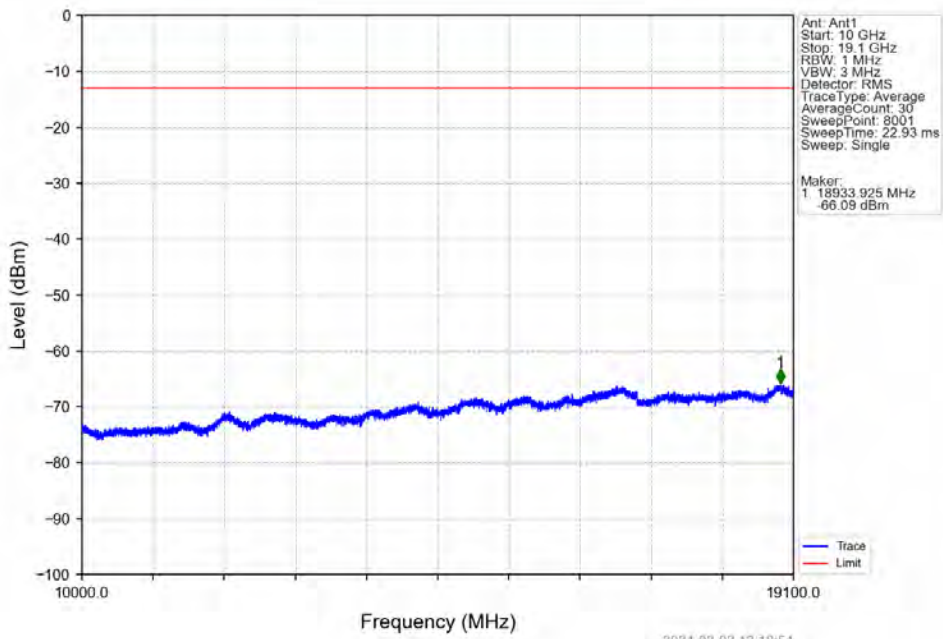


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1830	1849	1	CHP	1	1848.480	-33.56	-13	Pass
1849	1850	0.2	/	2	1849.960	-38.82	-13	Pass
1850	1870	0.2	/	/	/	/	/	/

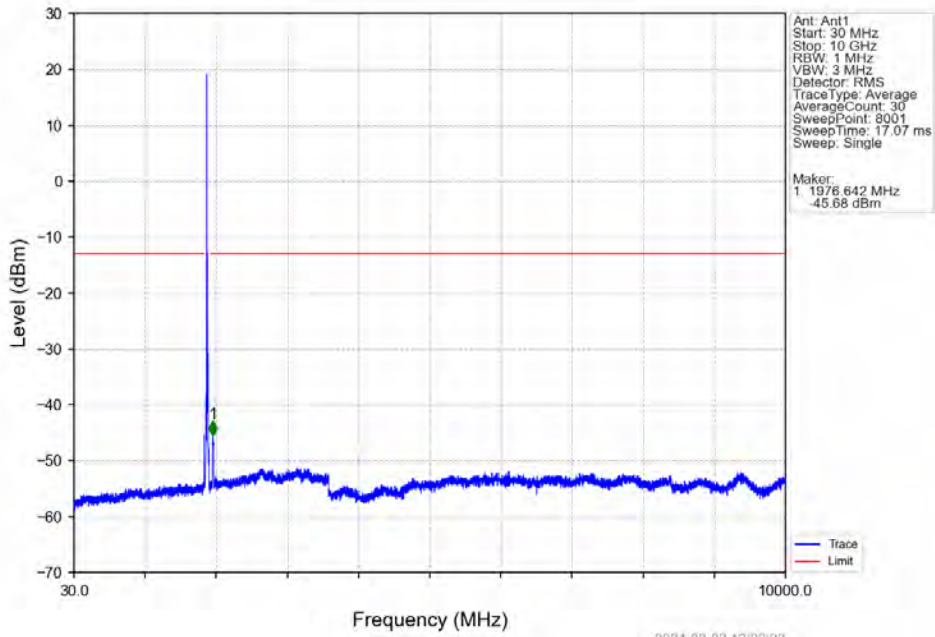
Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



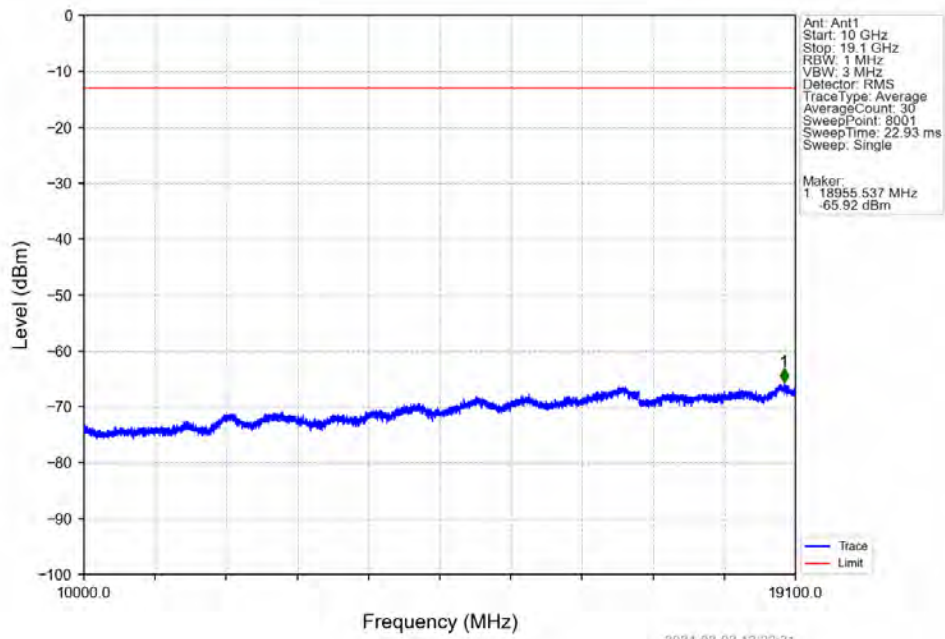
Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



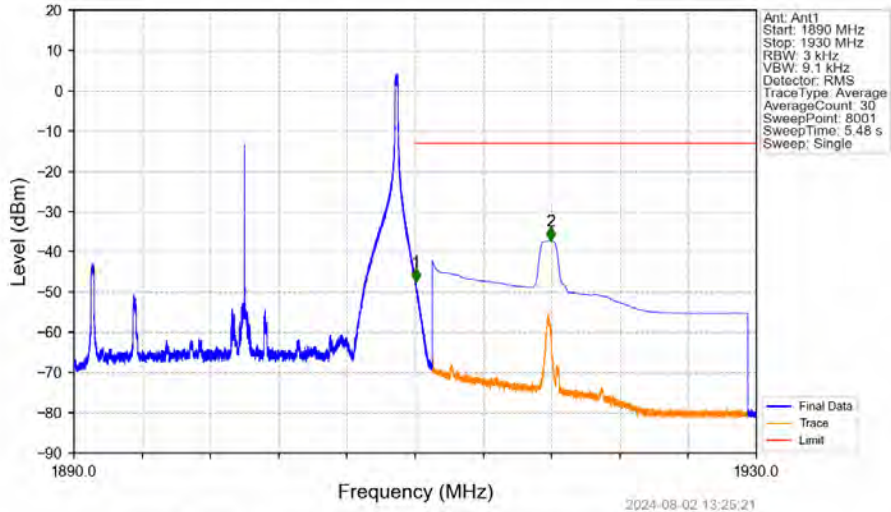
Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV



Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV



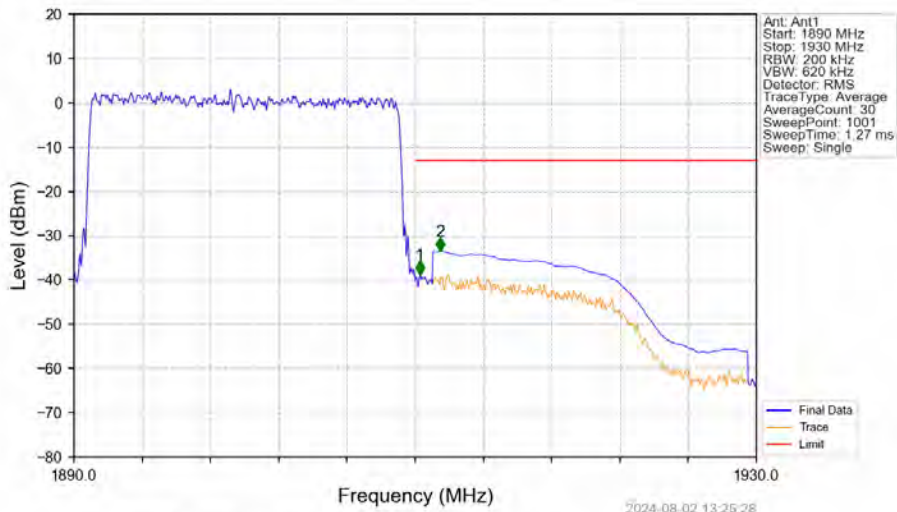
Band2_20MHz_16QAM_HCH_1900MHz_RB_1_99_NTV



2024-08-02 13:25:21

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.003	/	/	/	/	/	/
1910	1911	0.003	/	1	1910.030	-47.51	-13	Pass
1911	1930	1	CHP	2	1917.935	-37.30	-13	Pass

Band2_20MHz_16QAM_HCH_1900MHz_RB_100_0_NTV



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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1890	1910	0.2	/	/	/	/	/	/
1910	1911	0.2	/	1	1910.280	-38.84	-13	Pass
1911	1930	1	CHP	2	1911.480	-33.47	-13	Pass

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	0.1592	0.0094	ppm	1M11G7D	24E	22.02
2	1.4	1850.7	1909.3	0.1300	0.0095	ppm	1M11W7D	24E	21.14
2	3	1851.5	1908.5	0.1644	0.0102	ppm	2M73G7D	24E	22.16
2	3	1851.5	1908.5	0.1384	0.0097	ppm	2M73W7D	24E	21.41
2	5	1852.5	1907.5	0.1585	0.0095	ppm	4M55G7D	24E	22.00
2	5	1852.5	1907.5	0.1309	0.0083	ppm	4M55W7D	24E	21.17
2	10	1855	1905	0.1644	0.0065	ppm	9M08G7D	24E	22.16
2	10	1855	1905	0.1406	0.0054	ppm	9M05W7D	24E	21.48
2	15	1857.5	1902.5	0.1567	0.0056	ppm	13M6G7D	24E	21.95
2	15	1857.5	1902.5	0.1374	0.0053	ppm	13M6W7D	24E	21.38
2	20	1860	1900	0.1611	0.0055	ppm	18M2G7D	24E	22.07
2	20	1860	1900	0.1439	0.0067	ppm	18M2W7D	24E	21.58

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	0.1963	0.0094	ppm	1M11G7D	24E	22.93
2	1.4	1850.7	1909.3	0.1603	0.0095	ppm	1M11W7D	24E	22.05
2	3	1851.5	1908.5	0.2028	0.0102	ppm	2M73G7D	24E	23.07
2	3	1851.5	1908.5	0.1706	0.0097	ppm	2M73W7D	24E	22.32
2	5	1852.5	1907.5	0.1954	0.0095	ppm	4M55G7D	24E	22.91
2	5	1852.5	1907.5	0.1614	0.0083	ppm	4M55W7D	24E	22.08
2	10	1855	1905	0.2028	0.0065	ppm	9M08G7D	24E	23.07
2	10	1855	1905	0.1734	0.0054	ppm	9M05W7D	24E	22.39
2	15	1857.5	1902.5	0.1932	0.0056	ppm	13M6G7D	24E	22.86
2	15	1857.5	1902.5	0.1694	0.0053	ppm	13M6W7D	24E	22.29
2	20	1860	1900	0.1986	0.0055	ppm	18M2G7D	24E	22.98
2	20	1860	1900	0.1774	0.0067	ppm	18M2W7D	24E	22.49