

Appendix B.6 for KSEM2108001480CR-LTE-Band 2

1. Effective (Isotropic) Radiated Power Output Data

1.1 B2_1.4MHz_EIRP

1.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1850.7	1	0	23.33	-5.40	17.93	<=33.01	Pass	
			2	23.24	-5.40	17.84	<=33.01	Pass	
			5	23.10	-5.40	17.70	<=33.01	Pass	
		3	0	23.01	-5.40	17.61	<=33.01	Pass	
			2	23.07	-5.40	17.67	<=33.01	Pass	
			3	23.11	-5.40	17.71	<=33.01	Pass	
	6	0	22.01	-5.40	16.61	<=33.01	Pass		
	1880	1	0	23.08	-5.40	17.68	<=33.01	Pass	
			2	23.24	-5.40	17.84	<=33.01	Pass	
			5	23.17	-5.40	17.77	<=33.01	Pass	
		3	0	23.31	-5.40	17.91	<=33.01	Pass	
			2	23.20	-5.40	17.80	<=33.01	Pass	
			3	23.17	-5.40	17.77	<=33.01	Pass	
	6	0	22.23	-5.40	16.83	<=33.01	Pass		
	1909.3	1	0	22.71	-5.40	17.31	<=33.01	Pass	
			2	22.50	-5.40	17.10	<=33.01	Pass	
			5	22.18	-5.40	16.78	<=33.01	Pass	
		3	0	22.49	-5.40	17.09	<=33.01	Pass	
			2	22.33	-5.40	16.93	<=33.01	Pass	
			3	22.17	-5.40	16.77	<=33.01	Pass	
	6	0	21.98	-5.40	16.58	<=33.01	Pass		
	16QAM	1850.7	1	0	22.07	-5.40	16.67	<=33.01	Pass
				2	22.10	-5.40	16.70	<=33.01	Pass
				5	22.06	-5.40	16.66	<=33.01	Pass
3			0	22.09	-5.40	16.69	<=33.01	Pass	
			2	22.10	-5.40	16.70	<=33.01	Pass	
			3	22.04	-5.40	16.64	<=33.01	Pass	
6		0	20.90	-5.40	15.50	<=33.01	Pass		
1880		1	0	22.26	-5.40	16.86	<=33.01	Pass	
			2	22.41	-5.40	17.01	<=33.01	Pass	
			5	22.27	-5.40	16.87	<=33.01	Pass	
		3	0	22.28	-5.40	16.88	<=33.01	Pass	
			2	22.32	-5.40	16.92	<=33.01	Pass	
			3	22.30	-5.40	16.90	<=33.01	Pass	
6		0	21.23	-5.40	15.83	<=33.01	Pass		



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1909.3	1	0	21.38	-5.40	15.98	<=33.01	Pass
		2	21.26	-5.40	15.86	<=33.01	Pass
		5	21.00	-5.40	15.60	<=33.01	Pass
	3	0	21.49	-5.40	16.09	<=33.01	Pass
		2	21.40	-5.40	16.00	<=33.01	Pass
		3	21.29	-5.40	15.89	<=33.01	Pass
6	0	21.24	-5.40	15.84	<=33.01	Pass	

Note1: EIRP=Power+Antenna Gain

1.2 B2_3MHz_EIRP

1.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1851.5	1	0	23.27	-5.40	17.87	<=33.01	Pass	
			7	23.23	-5.40	17.83	<=33.01	Pass	
			14	22.95	-5.40	17.55	<=33.01	Pass	
		8	0	22.05	-5.40	16.65	<=33.01	Pass	
			4	22.09	-5.40	16.69	<=33.01	Pass	
			7	22.03	-5.40	16.63	<=33.01	Pass	
	15	0	22.12	-5.40	16.72	<=33.01	Pass		
	1880	1	0	23.25	-5.40	17.85	<=33.01	Pass	
			7	23.34	-5.40	17.94	<=33.01	Pass	
			14	23.22	-5.40	17.82	<=33.01	Pass	
		8	0	22.23	-5.40	16.83	<=33.01	Pass	
			4	22.26	-5.40	16.86	<=33.01	Pass	
			7	22.23	-5.40	16.83	<=33.01	Pass	
	15	0	22.21	-5.40	16.81	<=33.01	Pass		
	1908.5	1	0	23.23	-5.40	17.83	<=33.01	Pass	
			7	22.82	-5.40	17.42	<=33.01	Pass	
			14	22.16	-5.40	16.76	<=33.01	Pass	
		8	0	22.20	-5.40	16.80	<=33.01	Pass	
			4	22.17	-5.40	16.77	<=33.01	Pass	
			7	22.08	-5.40	16.68	<=33.01	Pass	
	15	0	22.13	-5.40	16.73	<=33.01	Pass		
	16QAM	1851.5	1	0	22.49	-5.40	17.09	<=33.01	Pass
				7	22.57	-5.40	17.17	<=33.01	Pass
				14	22.34	-5.40	16.94	<=33.01	Pass
8			0	21.26	-5.40	15.86	<=33.01	Pass	
			4	21.20	-5.40	15.80	<=33.01	Pass	
			7	21.09	-5.40	15.69	<=33.01	Pass	
15		0	21.07	-5.40	15.67	<=33.01	Pass		
1880		1	0	22.32	-5.40	16.92	<=33.01	Pass	
			7	22.33	-5.40	16.93	<=33.01	Pass	
			14	22.23	-5.40	16.83	<=33.01	Pass	
		8	0	21.31	-5.40	15.91	<=33.01	Pass	



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	1908.5	15	4	21.30	-5.40	15.90	<=33.01	Pass	
			7	21.28	-5.40	15.88	<=33.01	Pass	
			0	21.26	-5.40	15.86	<=33.01	Pass	
	1	8	0	22.20	-5.40	16.80	<=33.01	Pass	
			7	21.80	-5.40	16.40	<=33.01	Pass	
			14	21.15	-5.40	15.75	<=33.01	Pass	
	8	15	0	21.14	-5.40	15.74	<=33.01	Pass	
			4	21.10	-5.40	15.70	<=33.01	Pass	
			7	21.03	-5.40	15.63	<=33.01	Pass	
				0	21.10	-5.40	15.70	<=33.01	Pass

Note1: EIRP=Power+Antenna Gain

1.3 B2_5MHz_EIRP

1.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1852.5	1	0	23.29	-5.40	17.89	<=33.01	Pass		
			13	23.01	-5.40	17.61	<=33.01	Pass		
			24	22.62	-5.40	17.22	<=33.01	Pass		
		12	0	22.12	-5.40	16.72	<=33.01	Pass		
			6	22.02	-5.40	16.62	<=33.01	Pass		
			13	21.98	-5.40	16.58	<=33.01	Pass		
		25	0	22.02	-5.40	16.62	<=33.01	Pass		
		1880	1	0	23.28	-5.40	17.88	<=33.01	Pass	
				13	23.16	-5.40	17.76	<=33.01	Pass	
	24			22.99	-5.40	17.59	<=33.01	Pass		
	12		0	22.26	-5.40	16.86	<=33.01	Pass		
			6	22.29	-5.40	16.89	<=33.01	Pass		
			13	22.17	-5.40	16.77	<=33.01	Pass		
	25	0	22.28	-5.40	16.88	<=33.01	Pass			
	1907.5	1	0	23.13	-5.40	17.73	<=33.01	Pass		
			13	23.08	-5.40	17.68	<=33.01	Pass		
			24	22.00	-5.40	16.60	<=33.01	Pass		
		12	0	22.18	-5.40	16.78	<=33.01	Pass		
			6	22.11	-5.40	16.71	<=33.01	Pass		
			13	22.15	-5.40	16.75	<=33.01	Pass		
		25	0	22.12	-5.40	16.72	<=33.01	Pass		
		16QAM	1852.5	1	0	22.29	-5.40	16.89	<=33.01	Pass
					13	22.15	-5.40	16.75	<=33.01	Pass
	24				22.11	-5.40	16.71	<=33.01	Pass	
12	0		21.11	-5.40	15.71	<=33.01	Pass			
	6		21.11	-5.40	15.71	<=33.01	Pass			
	13		21.04	-5.40	15.64	<=33.01	Pass			



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	1880	25	0	21.11	-5.40	15.71	<=33.01	Pass
		1	0	22.54	-5.40	17.14	<=33.01	Pass
			13	22.59	-5.40	17.19	<=33.01	Pass
			24	22.37	-5.40	16.97	<=33.01	Pass
		12	0	21.28	-5.40	15.88	<=33.01	Pass
			6	21.31	-5.40	15.91	<=33.01	Pass
	13		21.22	-5.40	15.82	<=33.01	Pass	
	25	0	21.22	-5.40	15.82	<=33.01	Pass	
	1907.5	1	0	22.00	-5.40	16.60	<=33.01	Pass
			13	21.86	-5.40	16.46	<=33.01	Pass
			24	20.79	-5.40	15.39	<=33.01	Pass
		12	0	21.16	-5.40	15.76	<=33.01	Pass
			6	21.11	-5.40	15.71	<=33.01	Pass
			13	21.12	-5.40	15.72	<=33.01	Pass
25		0	21.20	-5.40	15.80	<=33.01	Pass	

Note1: EIRP=Power+Antenna Gain

1.4 B2_10MHz_EIRP

1.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1855	1	0	23.30	-5.40	17.90	<=33.01	Pass	
			25	23.09	-5.40	17.69	<=33.01	Pass	
			49	22.88	-5.40	17.48	<=33.01	Pass	
		25	0	22.18	-5.40	16.78	<=33.01	Pass	
			13	22.11	-5.40	16.71	<=33.01	Pass	
			25	22.15	-5.40	16.75	<=33.01	Pass	
	50	0	22.07	-5.40	16.67	<=33.01	Pass		
	1880	1	0	23.15	-5.40	17.75	<=33.01	Pass	
			25	23.30	-5.40	17.90	<=33.01	Pass	
			49	22.93	-5.40	17.53	<=33.01	Pass	
		25	0	22.37	-5.40	16.97	<=33.01	Pass	
			13	22.35	-5.40	16.95	<=33.01	Pass	
			25	22.18	-5.40	16.78	<=33.01	Pass	
	50	0	22.26	-5.40	16.86	<=33.01	Pass		
	1905	1	0	23.31	-5.40	17.91	<=33.01	Pass	
			25	23.11	-5.40	17.71	<=33.01	Pass	
			49	21.93	-5.40	16.53	<=33.01	Pass	
		25	0	22.16	-5.40	16.76	<=33.01	Pass	
			13	22.15	-5.40	16.75	<=33.01	Pass	
			25	22.12	-5.40	16.72	<=33.01	Pass	
	50	0	22.12	-5.40	16.72	<=33.01	Pass		
	16QAM	1855	1	0	22.29	-5.40	16.89	<=33.01	Pass



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	1880	25	25	22.11	-5.40	16.71	<=33.01	Pass	
			49	22.06	-5.40	16.66	<=33.01	Pass	
			0	21.24	-5.40	15.84	<=33.01	Pass	
			13	21.18	-5.40	15.78	<=33.01	Pass	
			25	21.22	-5.40	15.82	<=33.01	Pass	
			50	21.04	-5.40	15.64	<=33.01	Pass	
		1	0	22.39	-5.40	16.99	<=33.01	Pass	
			25	22.42	-5.40	17.02	<=33.01	Pass	
			49	21.94	-5.40	16.54	<=33.01	Pass	
			25	0	21.39	-5.40	15.99	<=33.01	Pass
				13	21.33	-5.40	15.93	<=33.01	Pass
				25	21.22	-5.40	15.82	<=33.01	Pass
	50	21.21	-5.40	15.81	<=33.01	Pass			
	1905	1	0	22.62	-5.40	17.22	<=33.01	Pass	
			25	22.71	-5.40	17.31	<=33.01	Pass	
			49	21.37	-5.40	15.97	<=33.01	Pass	
			25	0	21.20	-5.40	15.80	<=33.01	Pass
				13	21.21	-5.40	15.81	<=33.01	Pass
				25	21.23	-5.40	15.83	<=33.01	Pass
		50	21.12	-5.40	15.72	<=33.01	Pass		

Note1: EIRP=Power+Antenna Gain

1.5 B2_15MHz_EIRP

1.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1857.5	1	0	22.64	-5.40	17.24	<=33.01	Pass	
			38	23.07	-5.40	17.67	<=33.01	Pass	
			74	23.05	-5.40	17.65	<=33.01	Pass	
		36	0	21.87	-5.40	16.47	<=33.01	Pass	
			18	22.11	-5.40	16.71	<=33.01	Pass	
			39	22.21	-5.40	16.81	<=33.01	Pass	
		75	0	21.98	-5.40	16.58	<=33.01	Pass	
		1880	1	0	22.59	-5.40	17.19	<=33.01	Pass
				38	23.01	-5.40	17.61	<=33.01	Pass
				74	23.11	-5.40	17.71	<=33.01	Pass
			36	0	21.89	-5.40	16.49	<=33.01	Pass
				18	22.15	-5.40	16.75	<=33.01	Pass
	39			22.19	-5.40	16.79	<=33.01	Pass	
	75	0	22.07	-5.40	16.67	<=33.01	Pass		
	1902.5	1	0	22.67	-5.40	17.27	<=33.01	Pass	
			38	22.95	-5.40	17.55	<=33.01	Pass	
			74	22.31	-5.40	16.91	<=33.01	Pass	



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		36	0	21.79	-5.40	16.39	<=33.01	Pass	
			18	22.08	-5.40	16.68	<=33.01	Pass	
			39	22.11	-5.40	16.71	<=33.01	Pass	
		75	0	21.93	-5.40	16.53	<=33.01	Pass	
16QAM	1857.5	1	0	21.92	-5.40	16.52	<=33.01	Pass	
			38	22.23	-5.40	16.83	<=33.01	Pass	
			74	22.38	-5.40	16.98	<=33.01	Pass	
		36	0	20.83	-5.40	15.43	<=33.01	Pass	
			18	21.07	-5.40	15.67	<=33.01	Pass	
			39	21.19	-5.40	15.79	<=33.01	Pass	
		75	0	20.92	-5.40	15.52	<=33.01	Pass	
		1880	1	0	21.85	-5.40	16.45	<=33.01	Pass
				38	22.12	-5.40	16.72	<=33.01	Pass
	74			22.31	-5.40	16.91	<=33.01	Pass	
	36		0	20.99	-5.40	15.59	<=33.01	Pass	
			18	21.16	-5.40	15.76	<=33.01	Pass	
			39	21.21	-5.40	15.81	<=33.01	Pass	
	75		0	21.09	-5.40	15.69	<=33.01	Pass	
	1902.5		1	0	22.26	-5.40	16.86	<=33.01	Pass
				38	22.55	-5.40	17.15	<=33.01	Pass
		74		21.78	-5.40	16.38	<=33.01	Pass	
		36	0	20.83	-5.40	15.43	<=33.01	Pass	
			18	21.10	-5.40	15.70	<=33.01	Pass	
			39	21.15	-5.40	15.75	<=33.01	Pass	
		75	0	20.96	-5.40	15.56	<=33.01	Pass	

Note1: EIRP=Power+Antenna Gain

1.6 B2_20MHz_EIRP

1.6.1 Test Result

Band: 2 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1860	1	0	23.24	-5.40	17.84	<=33.01	Pass
			50	23.09	-5.40	17.69	<=33.01	Pass
			99	22.54	-5.40	17.14	<=33.01	Pass
		50	0	22.28	-5.40	16.88	<=33.01	Pass
			25	22.26	-5.40	16.86	<=33.01	Pass
			50	22.06	-5.40	16.66	<=33.01	Pass
	100	0	22.13	-5.40	16.73	<=33.01	Pass	
	1880	1	0	23.29	-5.40	17.89	<=33.01	Pass
			50	23.27	-5.40	17.87	<=33.01	Pass
			99	22.63	-5.40	17.23	<=33.01	Pass
		50	0	22.27	-5.40	16.87	<=33.01	Pass
			25	22.35	-5.40	16.95	<=33.01	Pass



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16QAM	1900	100	50	22.18	-5.40	16.78	<=33.01	Pass	
			0	22.29	-5.40	16.89	<=33.01	Pass	
		1	0	23.24	-5.40	17.84	<=33.01	Pass	
			50	22.98	-5.40	17.58	<=33.01	Pass	
			99	22.30	-5.40	16.90	<=33.01	Pass	
		50	0	22.19	-5.40	16.79	<=33.01	Pass	
			25	22.11	-5.40	16.71	<=33.01	Pass	
	50		22.04	-5.40	16.64	<=33.01	Pass		
	100	0	22.11	-5.40	16.71	<=33.01	Pass		
	1860	1860	1	0	22.76	-5.40	17.36	<=33.01	Pass
				50	22.55	-5.40	17.15	<=33.01	Pass
				99	22.12	-5.40	16.72	<=33.01	Pass
			50	0	21.26	-5.40	15.86	<=33.01	Pass
				25	21.28	-5.40	15.88	<=33.01	Pass
50				21.04	-5.40	15.64	<=33.01	Pass	
100		0	21.12	-5.40	15.72	<=33.01	Pass		
1880		1	0	22.67	-5.40	17.27	<=33.01	Pass	
			50	22.47	-5.40	17.07	<=33.01	Pass	
			99	21.89	-5.40	16.49	<=33.01	Pass	
		50	0	21.23	-5.40	15.83	<=33.01	Pass	
			25	21.35	-5.40	15.95	<=33.01	Pass	
			50	21.16	-5.40	15.76	<=33.01	Pass	
100		0	21.30	-5.40	15.90	<=33.01	Pass		
1900	1	0	22.51	-5.40	17.11	<=33.01	Pass		
		50	22.40	-5.40	17.00	<=33.01	Pass		
		99	21.58	-5.40	16.18	<=33.01	Pass		
	50	0	21.19	-5.40	15.79	<=33.01	Pass		
		25	21.09	-5.40	15.69	<=33.01	Pass		
		50	21.02	-5.40	15.62	<=33.01	Pass		
100	0	21.12	-5.40	15.72	<=33.01	Pass			

Note1: EIRP=Power+Antenna Gain

Remark1:

For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Power [dBm] + Gain [dBd]

EIRP [dBm] = Power [dBm] + Gain [dBi]



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2. Frequency Stability

2.1 B2_1.4MHz

2.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	3.27	-11.53	-0.01	-2.5 to 2.5	Pass
					3.85	-11.34	-0.01	-2.5 to 2.5	Pass
					4.43	-12.87	-0.01	-2.5 to 2.5	Pass
				-30	3.85	-12.59	-0.01	-2.5 to 2.5	Pass
				-20	3.85	-11.32	-0.01	-2.5 to 2.5	Pass
				-10	3.85	-11.07	-0.01	-2.5 to 2.5	Pass
				0	3.85	-11.27	-0.01	-2.5 to 2.5	Pass
				10	3.85	-11.16	-0.01	-2.5 to 2.5	Pass
				30	3.85	-9.80	-0.01	-2.5 to 2.5	Pass
				40	3.85	-9.51	-0.01	-2.5 to 2.5	Pass
	50	3.85	-10.14	-0.01	-2.5 to 2.5	Pass			
	1880	6	0	20	3.27	9.21	0.00	-2.5 to 2.5	Pass
					3.85	9.56	0.01	-2.5 to 2.5	Pass
					4.43	6.44	0.00	-2.5 to 2.5	Pass
				-30	3.85	8.34	0.00	-2.5 to 2.5	Pass
				-20	3.85	7.01	0.00	-2.5 to 2.5	Pass
				-10	3.85	5.87	0.00	-2.5 to 2.5	Pass
				0	3.85	5.81	0.00	-2.5 to 2.5	Pass
				10	3.85	4.33	0.00	-2.5 to 2.5	Pass
				30	3.85	3.15	0.00	-2.5 to 2.5	Pass
				40	3.85	1.67	0.00	-2.5 to 2.5	Pass
	50	3.85	3.08	0.00	-2.5 to 2.5	Pass			
	1909.3	6	0	20	3.27	-8.74	-0.00	-2.5 to 2.5	Pass
					3.85	-10.89	-0.01	-2.5 to 2.5	Pass
					4.43	-8.43	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-7.88	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-7.35	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-5.02	-0.00	-2.5 to 2.5	Pass
				0	3.85	-8.27	-0.00	-2.5 to 2.5	Pass
				10	3.85	-4.68	-0.00	-2.5 to 2.5	Pass
30				3.85	-4.41	-0.00	-2.5 to 2.5	Pass	
40				3.85	-4.42	-0.00	-2.5 to 2.5	Pass	
50	3.85	-5.69	-0.00	-2.5 to 2.5	Pass				
16QAM	1850.7	6	0	20	3.27	0.37	0.00	-2.5 to 2.5	Pass
					3.85	-1.42	-0.00	-2.5 to 2.5	Pass



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				-30	4.43	0.94	0.00	-2.5 to 2.5	Pass
				-20	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				-10	3.85	0.76	0.00	-2.5 to 2.5	Pass
				0	3.85	0.16	0.00	-2.5 to 2.5	Pass
				10	3.85	-2.56	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.26	-0.00	-2.5 to 2.5	Pass
				40	3.85	-0.53	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.96	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.30	-0.00	-2.5 to 2.5	Pass
	1880	6	0	20	3.27	-2.17	-0.00	-2.5 to 2.5	Pass
					3.85	-0.69	-0.00	-2.5 to 2.5	Pass
					4.43	-0.87	-0.00	-2.5 to 2.5	Pass
				-30	3.85	-3.20	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.81	-0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.13	-0.00	-2.5 to 2.5	Pass
				0	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.40	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.82	-0.00	-2.5 to 2.5	Pass
	1909.3	6	0	20	3.85	-1.76	-0.00	-2.5 to 2.5	Pass
					3.85	-0.06	0.00	-2.5 to 2.5	Pass
					3.27	-2.56	-0.00	-2.5 to 2.5	Pass
-30				3.85	-1.96	-0.00	-2.5 to 2.5	Pass	
-20				3.85	-2.33	-0.00	-2.5 to 2.5	Pass	
-10				3.85	-0.04	0.00	-2.5 to 2.5	Pass	
0				3.85	-0.49	-0.00	-2.5 to 2.5	Pass	
10				3.85	-0.17	-0.00	-2.5 to 2.5	Pass	
30				3.85	-1.29	-0.00	-2.5 to 2.5	Pass	
				10	3.85	-1.06	-0.00	-2.5 to 2.5	Pass
				30	3.85	0.63	0.00	-2.5 to 2.5	Pass
				40	3.85	-0.23	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.27	-0.00	-2.5 to 2.5	Pass
				50	3.85	-2.27	-0.00	-2.5 to 2.5	Pass

2.2 B2_3MHz

2.2.1 Test Result

Band: 2 / Bandwidth: 3MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1851.5	15	0	20	3.27	3.63	0.00	-2.5 to 2.5	Pass	
					3.85	2.53	0.00	-2.5 to 2.5	Pass	
					4.43	2.45	0.00	-2.5 to 2.5	Pass	
					-30	3.85	1.69	0.00	-2.5 to 2.5	Pass
					-20	3.85	3.15	0.00	-2.5 to 2.5	Pass
					-10	3.85	3.48	0.00	-2.5 to 2.5	Pass
					0	3.85	3.53	0.00	-2.5 to 2.5	Pass



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16QAM	1880	15	0	10	3.85	2.66	0.00	-2.5 to 2.5	Pass
				30	3.85	2.57	0.00	-2.5 to 2.5	Pass
				40	3.85	3.20	0.00	-2.5 to 2.5	Pass
				50	3.85	3.28	0.00	-2.5 to 2.5	Pass
				20	3.27	4.31	0.00	-2.5 to 2.5	Pass
					3.85	2.47	0.00	-2.5 to 2.5	Pass
					4.43	2.10	0.00	-2.5 to 2.5	Pass
				-30	3.85	1.97	0.00	-2.5 to 2.5	Pass
				-20	3.85	4.11	0.00	-2.5 to 2.5	Pass
				-10	3.85	3.81	0.00	-2.5 to 2.5	Pass
				0	3.85	4.78	0.00	-2.5 to 2.5	Pass
				10	3.85	4.81	0.00	-2.5 to 2.5	Pass
	30	3.85	3.55	0.00	-2.5 to 2.5	Pass			
	40	3.85	1.56	0.00	-2.5 to 2.5	Pass			
	50	3.85	2.03	0.00	-2.5 to 2.5	Pass			
	1908.5	15	0	20	3.27	6.18	0.00	-2.5 to 2.5	Pass
					3.85	5.81	0.00	-2.5 to 2.5	Pass
					4.43	3.83	0.00	-2.5 to 2.5	Pass
				-30	3.85	4.66	0.00	-2.5 to 2.5	Pass
				-20	3.85	4.33	0.00	-2.5 to 2.5	Pass
				-10	3.85	4.95	0.00	-2.5 to 2.5	Pass
				0	3.85	5.69	0.00	-2.5 to 2.5	Pass
				10	3.85	4.49	0.00	-2.5 to 2.5	Pass
				30	3.85	2.95	0.00	-2.5 to 2.5	Pass
40				3.85	4.19	0.00	-2.5 to 2.5	Pass	
50				3.85	2.99	0.00	-2.5 to 2.5	Pass	
1851.5				15	0	20	3.27	2.52	0.00
	3.85	3.48	0.00				-2.5 to 2.5	Pass	
	4.43	3.83	0.00				-2.5 to 2.5	Pass	
	-30	3.85	2.30			0.00	-2.5 to 2.5	Pass	
	-20	3.85	4.29			0.00	-2.5 to 2.5	Pass	
	-10	3.85	2.60			0.00	-2.5 to 2.5	Pass	
	0	3.85	2.12			0.00	-2.5 to 2.5	Pass	
	10	3.85	2.76			0.00	-2.5 to 2.5	Pass	
	30	3.85	3.35			0.00	-2.5 to 2.5	Pass	
	40	3.85	4.98			0.00	-2.5 to 2.5	Pass	
	50	3.85	4.29			0.00	-2.5 to 2.5	Pass	
	1880	15	0			20	3.27	1.29	0.00
3.85				3.42	0.00		-2.5 to 2.5	Pass	
4.43				3.43	0.00		-2.5 to 2.5	Pass	
-30				3.85	1.16	0.00	-2.5 to 2.5	Pass	
-20				3.85	2.42	0.00	-2.5 to 2.5	Pass	
-10				3.85	1.59	0.00	-2.5 to 2.5	Pass	
0				3.85	3.62	0.00	-2.5 to 2.5	Pass	
10				3.85	2.03	0.00	-2.5 to 2.5	Pass	
30				3.85	3.26	0.00	-2.5 to 2.5	Pass	
40				3.85	2.52	0.00	-2.5 to 2.5	Pass	
50				3.85	4.81	0.00	-2.5 to 2.5	Pass	



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1908.5	15	0	20	3.27	4.43	0.00	-2.5 to 2.5	Pass	
				3.85	2.57	0.00	-2.5 to 2.5	Pass	
				4.43	2.17	0.00	-2.5 to 2.5	Pass	
			-30	3.85	1.20	0.00	-2.5 to 2.5	Pass	
				-20	3.85	3.75	0.00	-2.5 to 2.5	Pass
					-10	3.85	3.69	0.00	-2.5 to 2.5
				0	3.85	5.12	0.00	-2.5 to 2.5	Pass
				10	3.85	3.06	0.00	-2.5 to 2.5	Pass
				30	3.85	3.69	0.00	-2.5 to 2.5	Pass
				40	3.85	3.58	0.00	-2.5 to 2.5	Pass
50	3.85	6.28	0.00	-2.5 to 2.5	Pass				

2.3 B2_5MHz

2.3.1 Test Result

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	3.30	0.00	-2.5 to 2.5	Pass			
					3.85	2.76	0.00	-2.5 to 2.5	Pass			
					4.43	3.35	0.00	-2.5 to 2.5	Pass			
				-30	3.85	4.49	0.00	-2.5 to 2.5	Pass			
					-20	3.85	1.57	0.00	-2.5 to 2.5	Pass		
				0	-10	3.85	1.66	0.00	-2.5 to 2.5	Pass		
					0	3.85	2.49	0.00	-2.5 to 2.5	Pass		
					10	3.85	4.79	0.00	-2.5 to 2.5	Pass		
					30	3.85	2.00	0.00	-2.5 to 2.5	Pass		
					40	3.85	4.11	0.00	-2.5 to 2.5	Pass		
					40	3.85	2.63	0.00	-2.5 to 2.5	Pass		
					50	3.85	2.63	0.00	-2.5 to 2.5	Pass		
				1880	25	0	20	3.27	4.99	0.00	-2.5 to 2.5	Pass
								3.85	3.38	0.00	-2.5 to 2.5	Pass
	4.43	2.22	0.00					-2.5 to 2.5	Pass			
	-30	3.85	4.78				0.00	-2.5 to 2.5	Pass			
		-20	3.85				1.89	0.00	-2.5 to 2.5	Pass		
	0	-10	3.85				2.19	0.00	-2.5 to 2.5	Pass		
		0	3.85				5.75	0.00	-2.5 to 2.5	Pass		
		10	3.85				2.89	0.00	-2.5 to 2.5	Pass		
		30	3.85				1.14	0.00	-2.5 to 2.5	Pass		
		40	3.85				5.19	0.00	-2.5 to 2.5	Pass		
		40	3.85				3.32	0.00	-2.5 to 2.5	Pass		
		50	3.85				3.32	0.00	-2.5 to 2.5	Pass		
	1907.5	25	0				20	3.27	-0.73	-0.00	-2.5 to 2.5	Pass
								3.85	-0.60	-0.00	-2.5 to 2.5	Pass
				4.43	-2.69	-0.00		-2.5 to 2.5	Pass			
				-30	3.85	-1.34	-0.00	-2.5 to 2.5	Pass			
-20					3.85	-0.73	-0.00	-2.5 to 2.5	Pass			



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				-10	3.85	-1.53	-0.00	-2.5 to 2.5	Pass
				0	3.85	-2.10	-0.00	-2.5 to 2.5	Pass
				10	3.85	-2.52	-0.00	-2.5 to 2.5	Pass
				30	3.85	-1.79	-0.00	-2.5 to 2.5	Pass
				40	3.85	-1.14	-0.00	-2.5 to 2.5	Pass
				50	3.85	-1.34	-0.00	-2.5 to 2.5	Pass
16QAM	1852.5	25	0	20	3.27	4.79	0.00	-2.5 to 2.5	Pass
					3.85	5.05	0.00	-2.5 to 2.5	Pass
					4.43	4.05	0.00	-2.5 to 2.5	Pass
				-30	3.85	3.45	0.00	-2.5 to 2.5	Pass
				-20	3.85	5.99	0.00	-2.5 to 2.5	Pass
				-10	3.85	3.13	0.00	-2.5 to 2.5	Pass
				0	3.85	3.38	0.00	-2.5 to 2.5	Pass
				10	3.85	3.15	0.00	-2.5 to 2.5	Pass
				30	3.85	4.61	0.00	-2.5 to 2.5	Pass
				40	3.85	4.76	0.00	-2.5 to 2.5	Pass
	50	3.85	2.50	0.00	-2.5 to 2.5	Pass			
	1880	25	0	20	3.27	2.42	0.00	-2.5 to 2.5	Pass
					3.85	-0.24	-0.00	-2.5 to 2.5	Pass
					4.43	1.12	0.00	-2.5 to 2.5	Pass
				-30	3.85	2.56	0.00	-2.5 to 2.5	Pass
				-20	3.85	0.23	0.00	-2.5 to 2.5	Pass
				-10	3.85	1.56	0.00	-2.5 to 2.5	Pass
				0	3.85	3.60	0.00	-2.5 to 2.5	Pass
				10	3.85	0.36	0.00	-2.5 to 2.5	Pass
				30	3.85	0.69	0.00	-2.5 to 2.5	Pass
				40	3.85	0.34	0.00	-2.5 to 2.5	Pass
	50	3.85	2.02	0.00	-2.5 to 2.5	Pass			
	1907.5	25	0	20	3.27	-1.77	-0.00	-2.5 to 2.5	Pass
					3.85	0.04	0.00	-2.5 to 2.5	Pass
					4.43	0.47	0.00	-2.5 to 2.5	Pass
				-30	3.85	-0.62	-0.00	-2.5 to 2.5	Pass
				-20	3.85	0.73	0.00	-2.5 to 2.5	Pass
				-10	3.85	-0.31	-0.00	-2.5 to 2.5	Pass
0				3.85	-2.57	-0.00	-2.5 to 2.5	Pass	
10				3.85	-0.73	-0.00	-2.5 to 2.5	Pass	
30				3.85	-2.47	-0.00	-2.5 to 2.5	Pass	
40				3.85	-0.20	-0.00	-2.5 to 2.5	Pass	
50	3.85	-0.14	-0.00	-2.5 to 2.5	Pass				

2.4 B2_10MHz

2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict



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	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit				
QPSK	1855	50	0	20	3.27	-1.72	-0.00	-2.5 to 2.5	Pass			
					3.85	-2.80	-0.00	-2.5 to 2.5	Pass			
					4.43	-3.13	-0.00	-2.5 to 2.5	Pass			
				-30	3.85	-2.00	-0.00	-2.5 to 2.5	Pass			
				-20	3.85	-0.77	-0.00	-2.5 to 2.5	Pass			
				-10	3.85	-0.39	-0.00	-2.5 to 2.5	Pass			
				0	3.85	-1.66	-0.00	-2.5 to 2.5	Pass			
				10	3.85	-1.65	-0.00	-2.5 to 2.5	Pass			
				30	3.85	-1.73	-0.00	-2.5 to 2.5	Pass			
				40	3.85	-1.56	-0.00	-2.5 to 2.5	Pass			
				50	3.85	-1.85	-0.00	-2.5 to 2.5	Pass			
				1880	50	0	20	3.27	1.97	0.00	-2.5 to 2.5	Pass
								3.85	1.13	0.00	-2.5 to 2.5	Pass
								4.43	1.57	0.00	-2.5 to 2.5	Pass
							-30	3.85	3.88	0.00	-2.5 to 2.5	Pass
	-20	3.85	1.04				0.00	-2.5 to 2.5	Pass			
	-10	3.85	0.49				0.00	-2.5 to 2.5	Pass			
	0	3.85	1.60				0.00	-2.5 to 2.5	Pass			
	10	3.85	1.27				0.00	-2.5 to 2.5	Pass			
	30	3.85	3.12				0.00	-2.5 to 2.5	Pass			
	40	3.85	0.96				0.00	-2.5 to 2.5	Pass			
	50	3.85	1.76				0.00	-2.5 to 2.5	Pass			
	1905	50	0				20	3.27	2.65	0.00	-2.5 to 2.5	Pass
								3.85	2.69	0.00	-2.5 to 2.5	Pass
								4.43	2.36	0.00	-2.5 to 2.5	Pass
							-30	3.85	4.41	0.00	-2.5 to 2.5	Pass
				-20	3.85	2.29	0.00	-2.5 to 2.5	Pass			
				-10	3.85	3.59	0.00	-2.5 to 2.5	Pass			
				0	3.85	5.44	0.00	-2.5 to 2.5	Pass			
				10	3.85	5.42	0.00	-2.5 to 2.5	Pass			
30				3.85	4.69	0.00	-2.5 to 2.5	Pass				
40				3.85	2.45	0.00	-2.5 to 2.5	Pass				
50				3.85	1.40	0.00	-2.5 to 2.5	Pass				
16QAM				1855	50	0	20	3.27	-2.32	-0.00	-2.5 to 2.5	Pass
								3.85	-2.73	-0.00	-2.5 to 2.5	Pass
								4.43	-0.86	-0.00	-2.5 to 2.5	Pass
							-30	3.85	-3.53	-0.00	-2.5 to 2.5	Pass
	-20	3.85	-1.77				-0.00	-2.5 to 2.5	Pass			
	-10	3.85	-1.02				-0.00	-2.5 to 2.5	Pass			
	0	3.85	0.10				0.00	-2.5 to 2.5	Pass			
	10	3.85	-1.24				-0.00	-2.5 to 2.5	Pass			
	30	3.85	-0.04				0.00	-2.5 to 2.5	Pass			
	40	3.85	-2.83				-0.00	-2.5 to 2.5	Pass			
	50	3.85	0.53				0.00	-2.5 to 2.5	Pass			
	1880	50	0				20	3.27	1.73	0.00	-2.5 to 2.5	Pass
								3.85	0.57	0.00	-2.5 to 2.5	Pass
								4.43	2.23	0.00	-2.5 to 2.5	Pass



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			0	-30	3.85	1.02	0.00	-2.5 to 2.5	Pass
				-20	3.85	1.03	0.00	-2.5 to 2.5	Pass
				-10	3.85	0.00	0.00	-2.5 to 2.5	Pass
				0	3.85	1.77	0.00	-2.5 to 2.5	Pass
				10	3.85	0.29	0.00	-2.5 to 2.5	Pass
				30	3.85	1.89	0.00	-2.5 to 2.5	Pass
				40	3.85	1.77	0.00	-2.5 to 2.5	Pass
	1905	50	0	50	3.85	1.89	0.00	-2.5 to 2.5	Pass
				20	3.27	1.92	0.00	-2.5 to 2.5	Pass
					3.85	4.03	0.00	-2.5 to 2.5	Pass
					4.43	4.33	0.00	-2.5 to 2.5	Pass
				-30	3.85	5.09	0.00	-2.5 to 2.5	Pass
				-20	3.85	4.35	0.00	-2.5 to 2.5	Pass
				-10	3.85	2.32	0.00	-2.5 to 2.5	Pass
0	3.85	4.62	0.00	-2.5 to 2.5	Pass				
10	3.85	5.52	0.00	-2.5 to 2.5	Pass				
30	3.85	4.81	0.00	-2.5 to 2.5	Pass				
40	3.85	3.89	0.00	-2.5 to 2.5	Pass				
50	3.85	4.88	0.00	-2.5 to 2.5	Pass				

2.5 B2_15MHz

2.5.1 Test Result

Band: 2 / Bandwidth: 15MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	1857.5	75	0	20	3.27	1.10	0.00	-2.5 to 2.5	Pass			
					3.85	0.64	0.00	-2.5 to 2.5	Pass			
					4.43	0.87	0.00	-2.5 to 2.5	Pass			
				-30	3.85	-0.07	0.00	-2.5 to 2.5	Pass			
				-20	3.85	1.00	0.00	-2.5 to 2.5	Pass			
				-10	3.85	1.79	0.00	-2.5 to 2.5	Pass			
				0	3.85	1.43	0.00	-2.5 to 2.5	Pass			
				10	3.85	2.09	0.00	-2.5 to 2.5	Pass			
				30	3.85	0.90	0.00	-2.5 to 2.5	Pass			
				40	3.85	0.06	0.00	-2.5 to 2.5	Pass			
				50	3.85	1.49	0.00	-2.5 to 2.5	Pass			
				1880	75	0	20	3.27	3.02	0.00	-2.5 to 2.5	Pass
								3.85	0.82	0.00	-2.5 to 2.5	Pass
								4.43	2.02	0.00	-2.5 to 2.5	Pass
-30	3.85	1.42	0.00				-2.5 to 2.5	Pass				
-20	3.85	2.83	0.00				-2.5 to 2.5	Pass				
-10	3.85	1.93	0.00				-2.5 to 2.5	Pass				
0	3.85	-0.30	-0.00				-2.5 to 2.5	Pass				
10	3.85	1.26	0.00	-2.5 to 2.5	Pass							



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				30	3.85	1.73	0.00	-2.5 to 2.5	Pass				
				40	3.85	2.32	0.00	-2.5 to 2.5	Pass				
				50	3.85	3.59	0.00	-2.5 to 2.5	Pass				
	1902.5	75	0	20	3.27	2.32	0.00	-2.5 to 2.5	Pass				
3.85					1.10	0.00	-2.5 to 2.5	Pass					
4.43					3.12	0.00	-2.5 to 2.5	Pass					
							-30	3.85	0.63	0.00	-2.5 to 2.5	Pass	
							-20	3.85	2.79	0.00	-2.5 to 2.5	Pass	
							-10	3.85	0.64	0.00	-2.5 to 2.5	Pass	
							0	3.85	0.82	0.00	-2.5 to 2.5	Pass	
							10	3.85	1.32	0.00	-2.5 to 2.5	Pass	
							30	3.85	0.23	0.00	-2.5 to 2.5	Pass	
							40	3.85	2.75	0.00	-2.5 to 2.5	Pass	
							50	3.85	1.69	0.00	-2.5 to 2.5	Pass	
16QAM				1857.5	75	0	20	3.27	1.36	0.00	-2.5 to 2.5	Pass	
	3.85	0.36	0.00					-2.5 to 2.5	Pass				
	4.43	1.63	0.00					-2.5 to 2.5	Pass				
								-30	3.85	-1.12	-0.00	-2.5 to 2.5	Pass
								-20	3.85	1.85	0.00	-2.5 to 2.5	Pass
								-10	3.85	0.00	0.00	-2.5 to 2.5	Pass
								0	3.85	-0.09	0.00	-2.5 to 2.5	Pass
								10	3.85	0.82	0.00	-2.5 to 2.5	Pass
								30	3.85	-0.80	-0.00	-2.5 to 2.5	Pass
								40	3.85	1.52	0.00	-2.5 to 2.5	Pass
								50	3.85	1.44	0.00	-2.5 to 2.5	Pass
		1880	75				0	20	3.27	-0.27	-0.00	-2.5 to 2.5	Pass
	3.85			1.22	0.00	-2.5 to 2.5			Pass				
	4.43			1.33	0.00	-2.5 to 2.5			Pass				
								-30	3.85	0.10	0.00	-2.5 to 2.5	Pass
								-20	3.85	0.96	0.00	-2.5 to 2.5	Pass
								-10	3.85	0.46	0.00	-2.5 to 2.5	Pass
								0	3.85	1.95	0.00	-2.5 to 2.5	Pass
								10	3.85	0.34	0.00	-2.5 to 2.5	Pass
								30	3.85	0.09	0.00	-2.5 to 2.5	Pass
								40	3.85	1.23	0.00	-2.5 to 2.5	Pass
								50	3.85	-0.82	-0.00	-2.5 to 2.5	Pass
				1902.5	75	0		20	3.27	0.54	0.00	-2.5 to 2.5	Pass
	3.85	1.40	0.00				-2.5 to 2.5		Pass				
	4.43	-0.03	0.00				-2.5 to 2.5		Pass				
								-30	3.85	2.13	0.00	-2.5 to 2.5	Pass
								-20	3.85	-0.50	-0.00	-2.5 to 2.5	Pass
								-10	3.85	1.02	0.00	-2.5 to 2.5	Pass
								0	3.85	1.59	0.00	-2.5 to 2.5	Pass
								10	3.85	0.96	0.00	-2.5 to 2.5	Pass
								30	3.85	1.16	0.00	-2.5 to 2.5	Pass
								40	3.85	0.59	0.00	-2.5 to 2.5	Pass
								50	3.85	0.29	0.00	-2.5 to 2.5	Pass



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2.6 B2_20MHz

2.6.1 Test Result

Band: 2 / Bandwidth: 20MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	1860	100	0	20	3.27	3.16	0.00	-2.5 to 2.5	Pass			
					3.85	3.18	0.00	-2.5 to 2.5	Pass			
					4.43	2.17	0.00	-2.5 to 2.5	Pass			
				-30	3.85	2.42	0.00	-2.5 to 2.5	Pass			
				-20	3.85	2.93	0.00	-2.5 to 2.5	Pass			
				-10	3.85	2.76	0.00	-2.5 to 2.5	Pass			
				0	3.85	3.00	0.00	-2.5 to 2.5	Pass			
				10	3.85	3.22	0.00	-2.5 to 2.5	Pass			
				30	3.85	2.88	0.00	-2.5 to 2.5	Pass			
				40	3.85	2.23	0.00	-2.5 to 2.5	Pass			
				50	3.85	1.95	0.00	-2.5 to 2.5	Pass			
				1880	100	0	20	3.27	1.76	0.00	-2.5 to 2.5	Pass
								3.85	1.34	0.00	-2.5 to 2.5	Pass
								4.43	1.72	0.00	-2.5 to 2.5	Pass
							-30	3.85	2.95	0.00	-2.5 to 2.5	Pass
	-20	3.85	1.73				0.00	-2.5 to 2.5	Pass			
	-10	3.85	2.60				0.00	-2.5 to 2.5	Pass			
	0	3.85	0.17				0.00	-2.5 to 2.5	Pass			
	10	3.85	0.16				0.00	-2.5 to 2.5	Pass			
	30	3.85	-0.51				-0.00	-2.5 to 2.5	Pass			
	40	3.85	0.26				0.00	-2.5 to 2.5	Pass			
	50	3.85	2.69				0.00	-2.5 to 2.5	Pass			
	1900	100	0				20	3.27	-1.43	-0.00	-2.5 to 2.5	Pass
								3.85	-2.42	-0.00	-2.5 to 2.5	Pass
								4.43	-2.52	-0.00	-2.5 to 2.5	Pass
							-30	3.85	-2.23	-0.00	-2.5 to 2.5	Pass
				-20	3.85	-3.18	-0.00	-2.5 to 2.5	Pass			
				-10	3.85	-0.99	-0.00	-2.5 to 2.5	Pass			
				0	3.85	-2.98	-0.00	-2.5 to 2.5	Pass			
				10	3.85	-1.19	-0.00	-2.5 to 2.5	Pass			
30				3.85	-1.12	-0.00	-2.5 to 2.5	Pass				
40				3.85	-3.15	-0.00	-2.5 to 2.5	Pass				
50				3.85	-3.23	-0.00	-2.5 to 2.5	Pass				
16QAM				1860	100	0	20	3.27	1.83	0.00	-2.5 to 2.5	Pass
								3.85	2.17	0.00	-2.5 to 2.5	Pass
								4.43	4.42	0.00	-2.5 to 2.5	Pass
							-30	3.85	3.23	0.00	-2.5 to 2.5	Pass
	-20	3.85	2.79				0.00	-2.5 to 2.5	Pass			
	-10	3.85	2.13				0.00	-2.5 to 2.5	Pass			
	0	3.85	3.62				0.00	-2.5 to 2.5	Pass			



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				10	3.85	3.91	0.00	-2.5 to 2.5	Pass			
				30	3.85	4.12	0.00	-2.5 to 2.5	Pass			
				40	3.85	3.32	0.00	-2.5 to 2.5	Pass			
				50	3.85	2.53	0.00	-2.5 to 2.5	Pass			
	1880	100	0	20	3.27	0.49	0.00	-2.5 to 2.5	Pass			
3.85					-1.66	-0.00	-2.5 to 2.5	Pass				
4.43					1.50	0.00	-2.5 to 2.5	Pass				
							-30	3.85	2.26	0.00	-2.5 to 2.5	Pass
							-20	3.85	1.14	0.00	-2.5 to 2.5	Pass
							-10	3.85	1.95	0.00	-2.5 to 2.5	Pass
							0	3.85	1.14	0.00	-2.5 to 2.5	Pass
							10	3.85	0.43	0.00	-2.5 to 2.5	Pass
							30	3.85	2.12	0.00	-2.5 to 2.5	Pass
							40	3.85	0.00	0.00	-2.5 to 2.5	Pass
							50	3.85	2.17	0.00	-2.5 to 2.5	Pass
				1900	100	0	20	3.27	-3.00	-0.00	-2.5 to 2.5	Pass
3.85	-2.12	-0.00	-2.5 to 2.5					Pass				
4.43	-1.60	-0.00	-2.5 to 2.5					Pass				
							-30	3.85	-3.48	-0.00	-2.5 to 2.5	Pass
							-20	3.85	-1.39	-0.00	-2.5 to 2.5	Pass
							-10	3.85	-1.12	-0.00	-2.5 to 2.5	Pass
							0	3.85	-2.07	-0.00	-2.5 to 2.5	Pass
							10	3.85	-1.07	-0.00	-2.5 to 2.5	Pass
							30	3.85	-1.97	-0.00	-2.5 to 2.5	Pass
							40	3.85	-2.49	-0.00	-2.5 to 2.5	Pass
							50	3.85	-1.17	-0.00	-2.5 to 2.5	Pass



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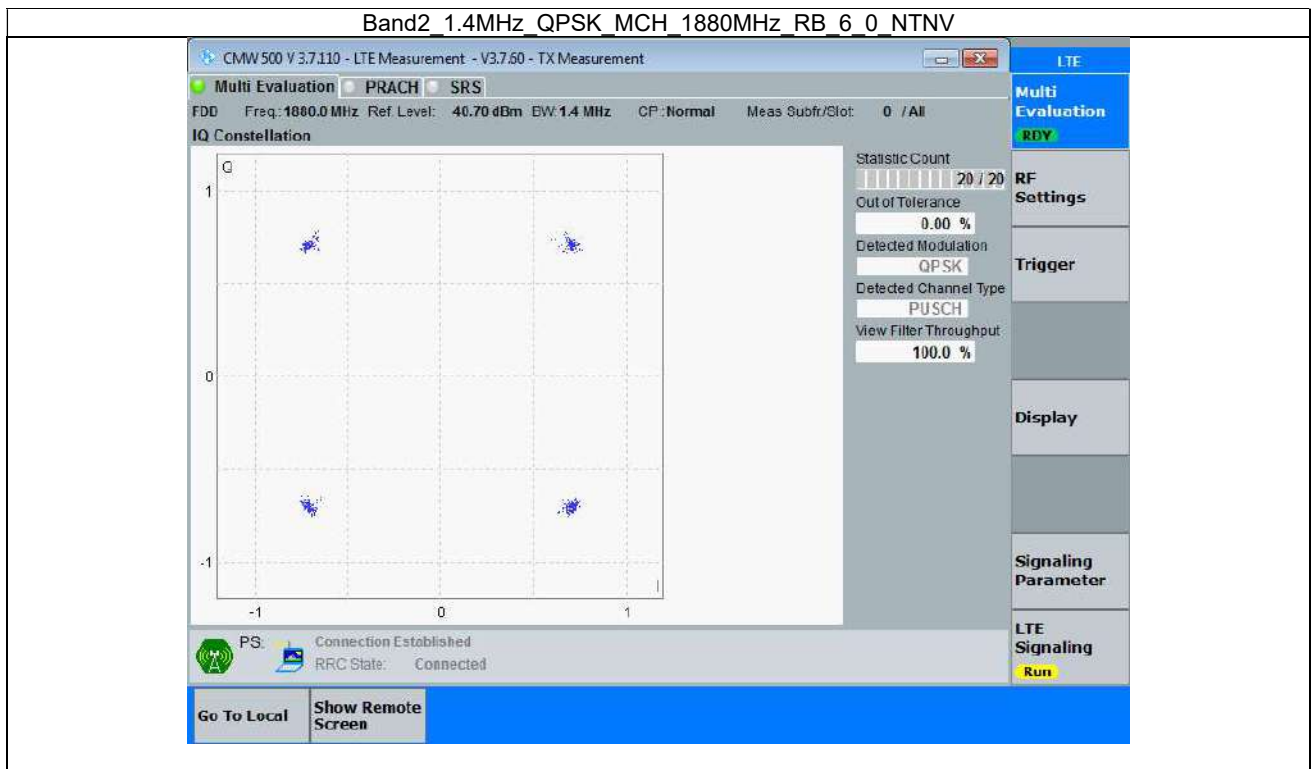
3. Modulation Characteristics

3.1 B2_1.4MHz

3.1.1 Test Result

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

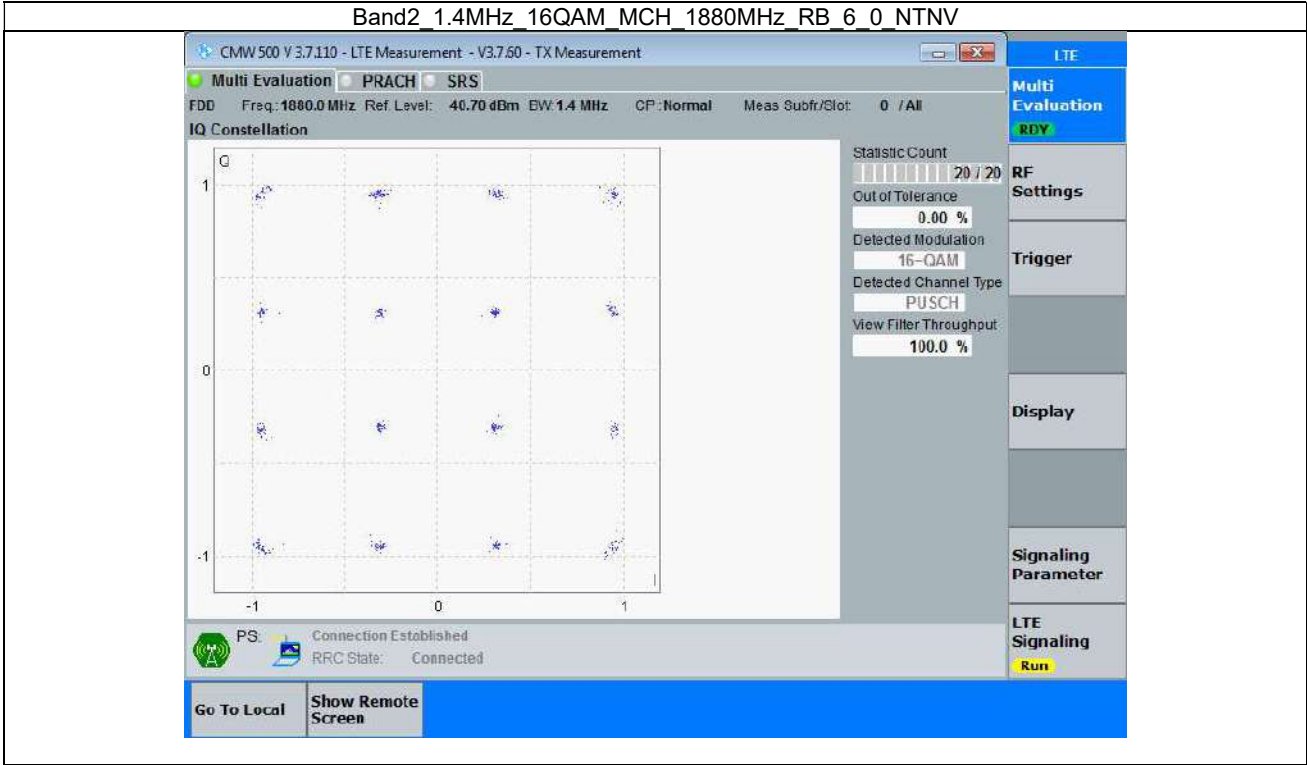
3.1.2 Test Graph



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3.2 B2_3MHz

3.2.1 Test Result

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



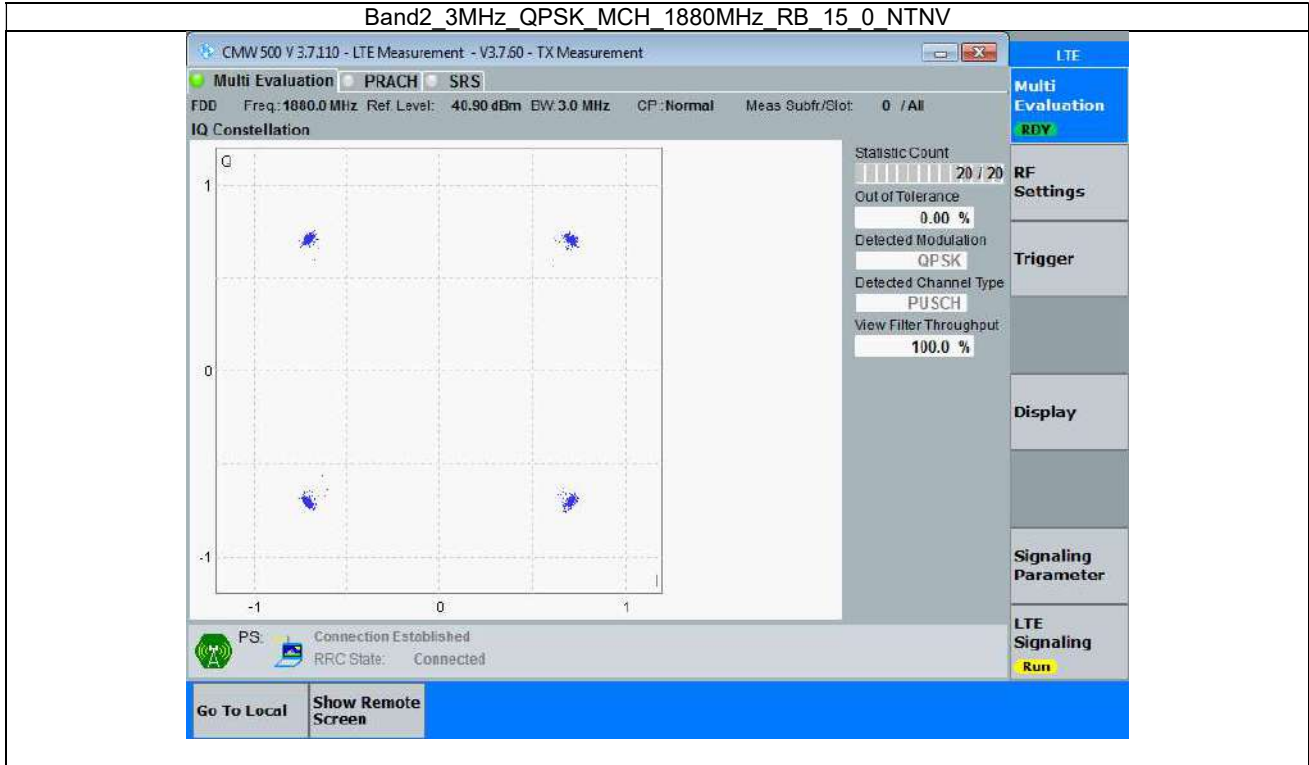
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3.2.2 Test Graph

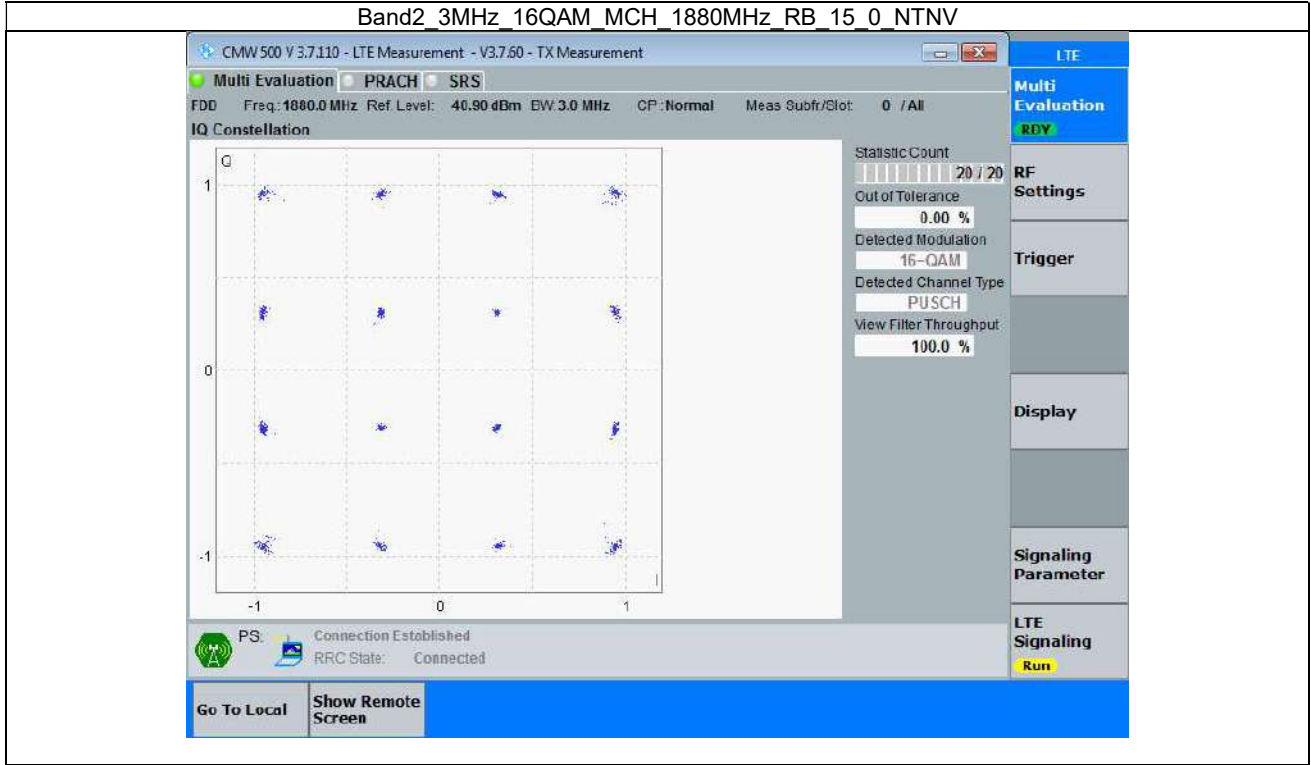


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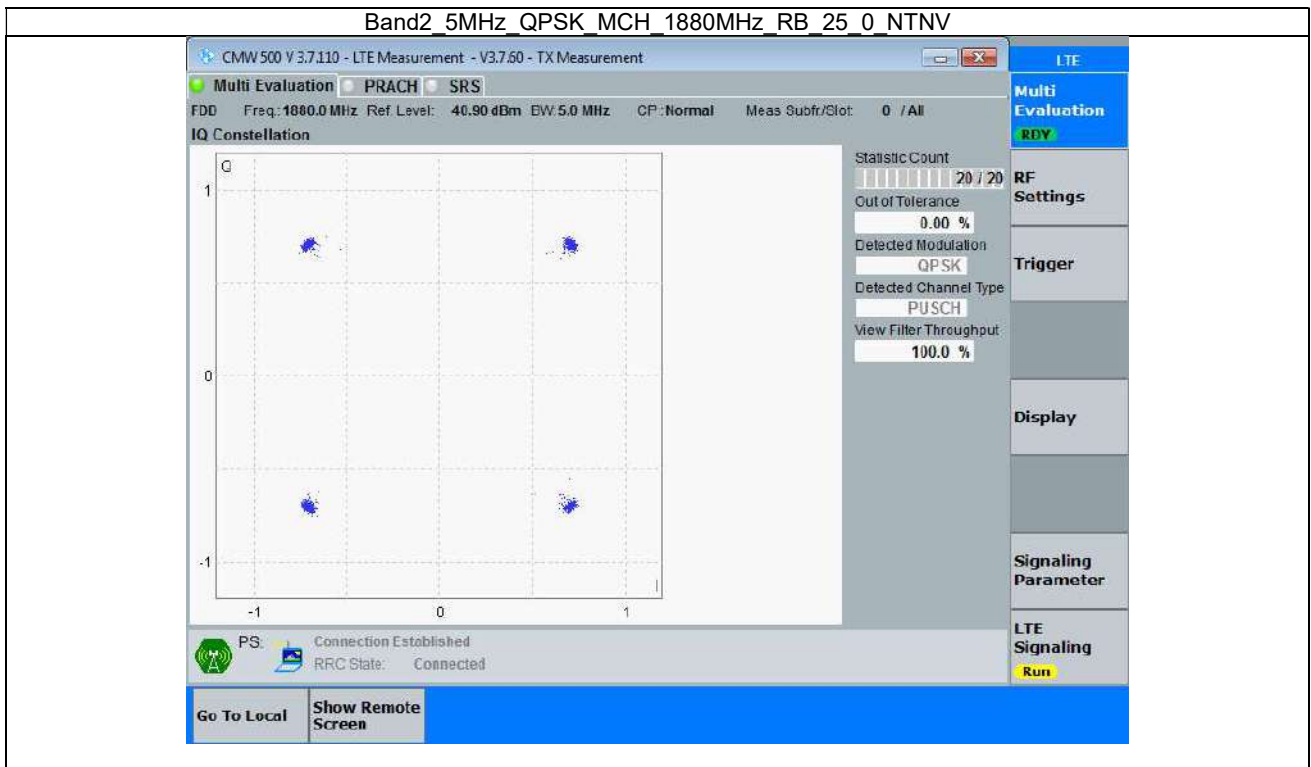
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3.3 B2_5MHz

3.3.1 Test Result

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

3.3.2 Test Graph



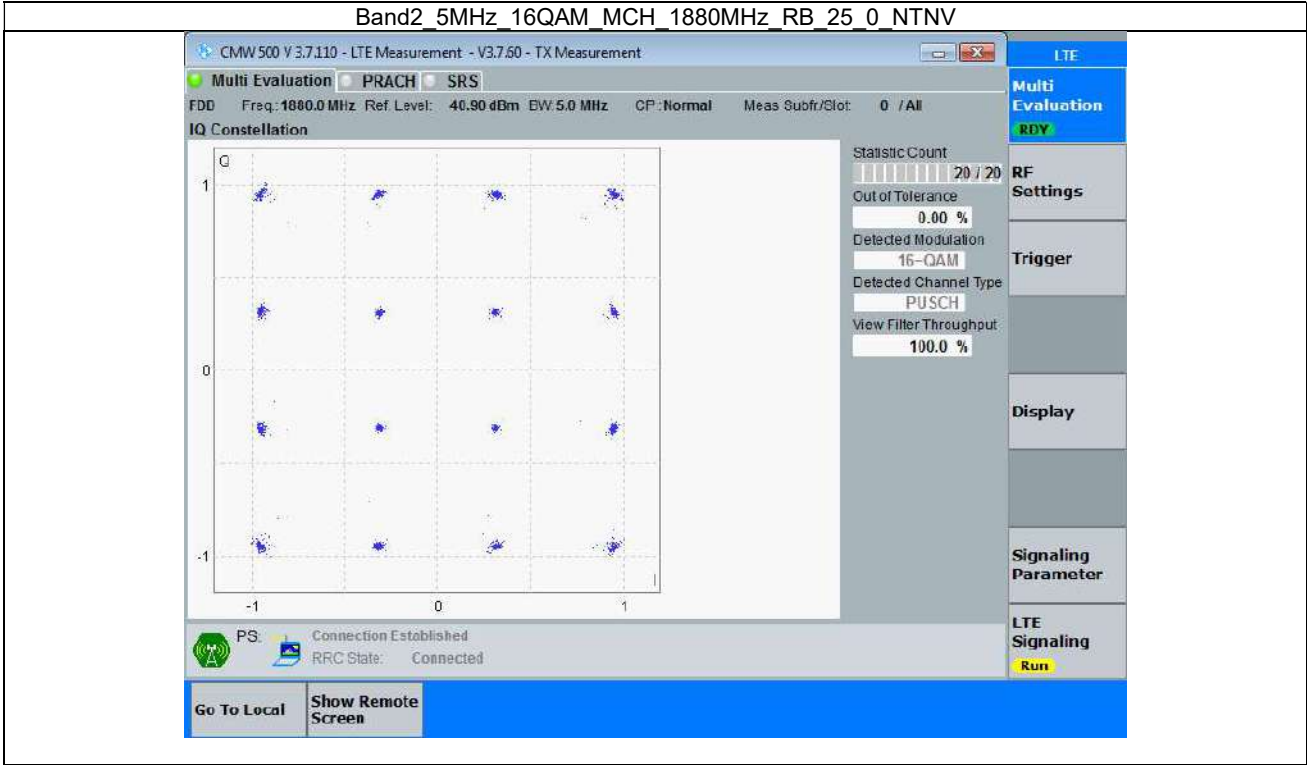
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3.4 B2_10MHz

3.4.1 Test Result

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

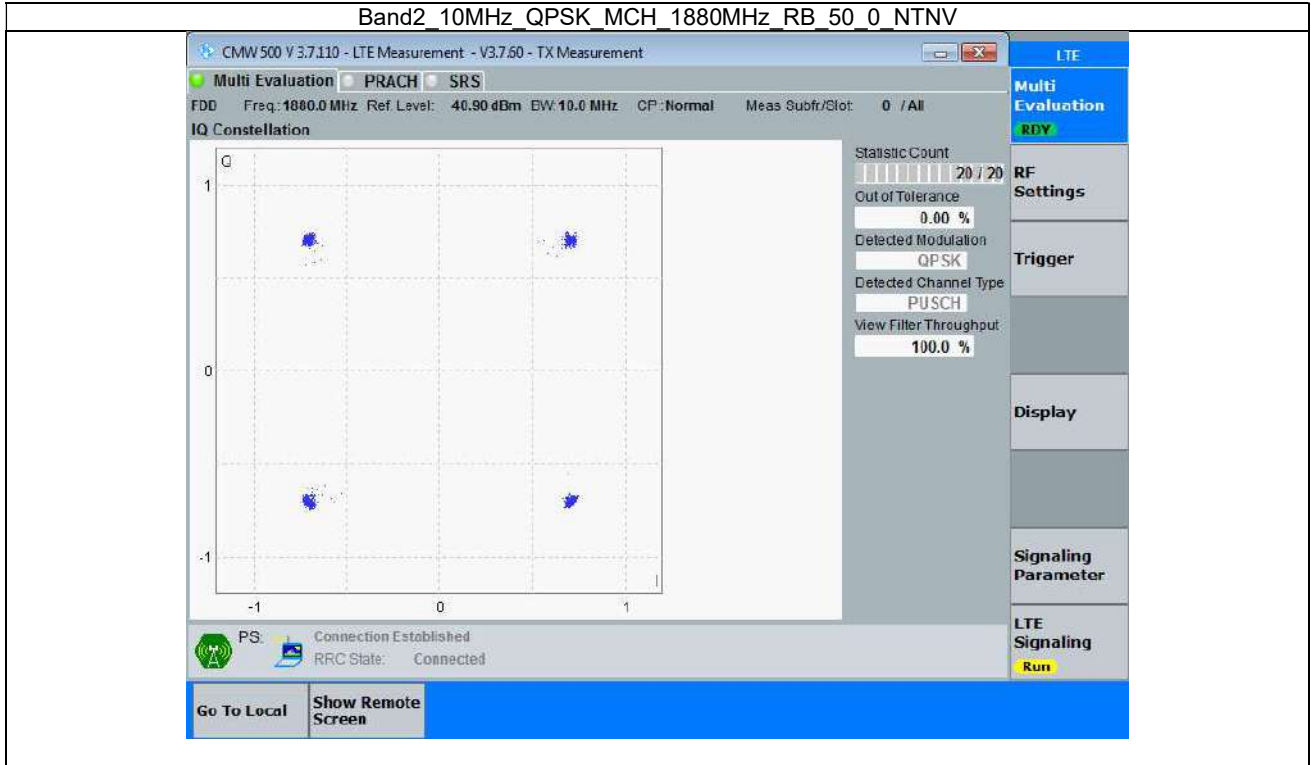


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3.4.2 Test Graph

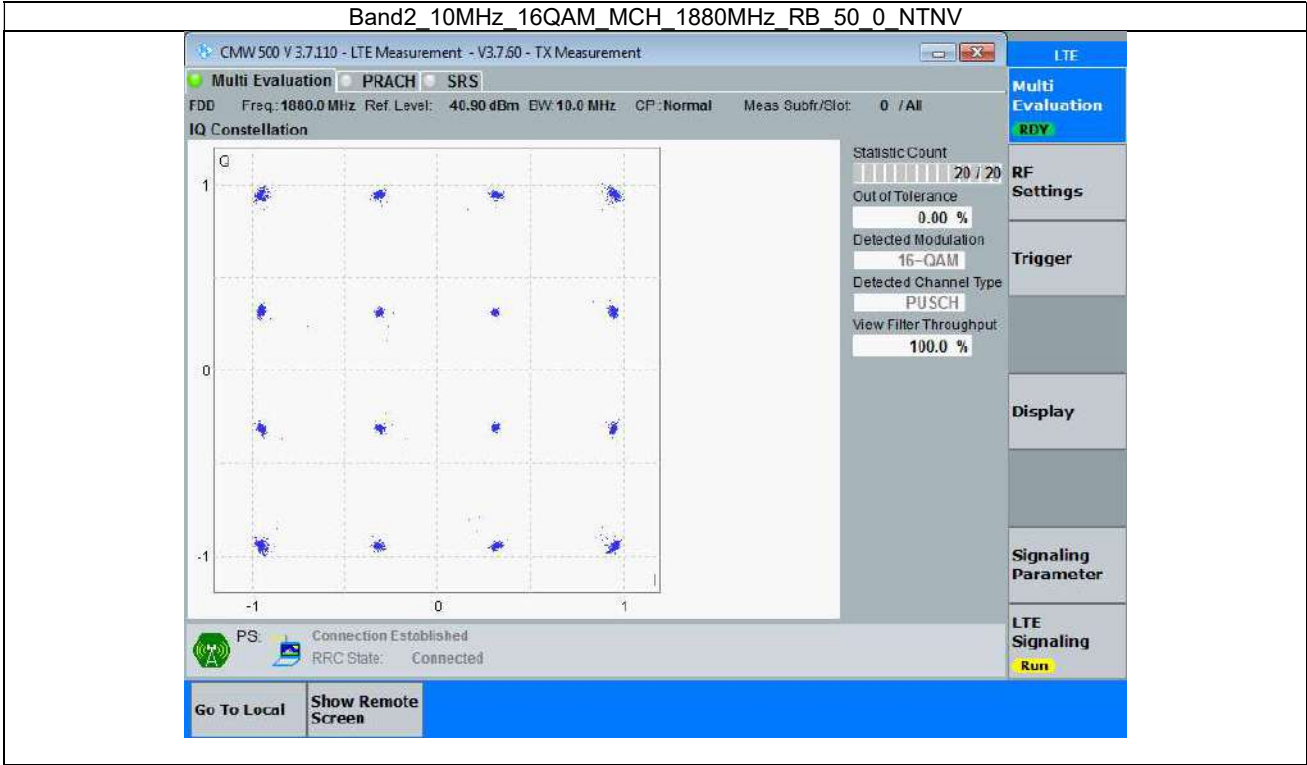


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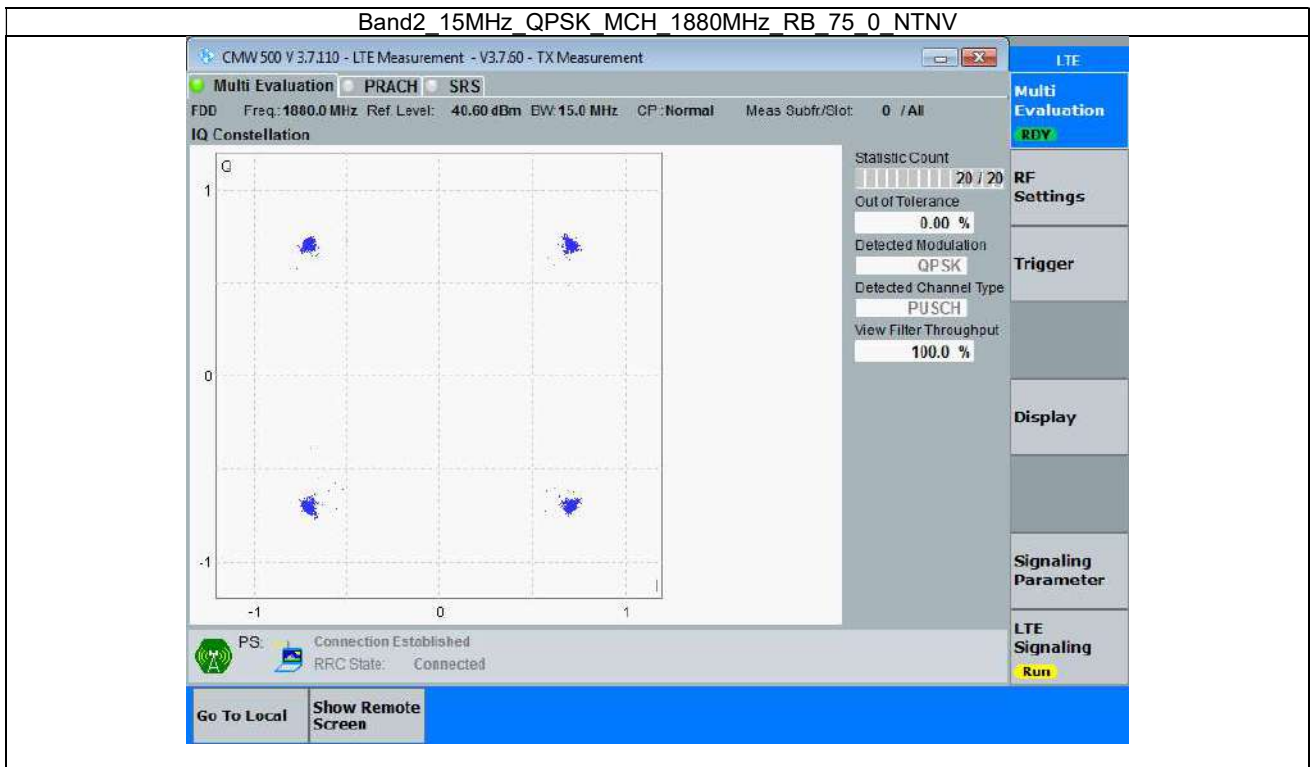
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3.5 B2_15MHz

3.5.1 Test Result

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

3.5.2 Test Graph

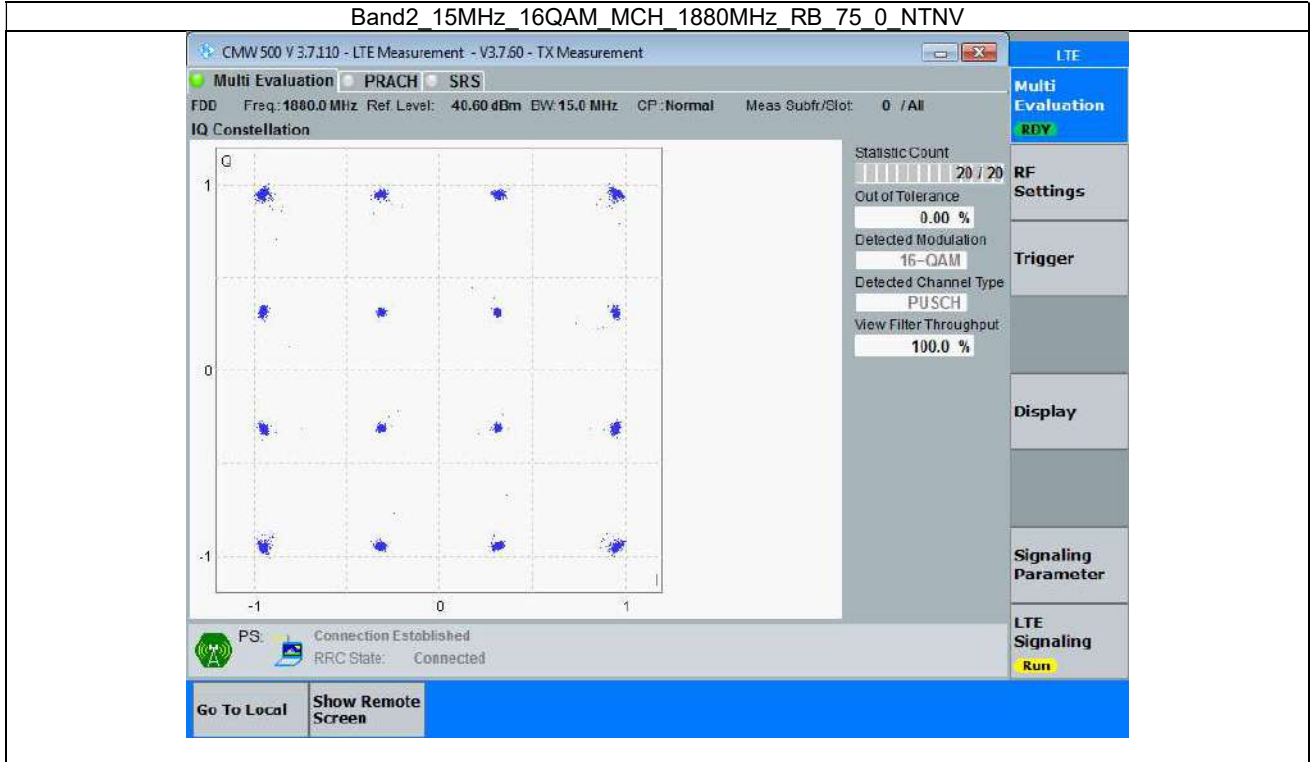


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3.6 B2_20MHz

3.6.1 Test Result

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



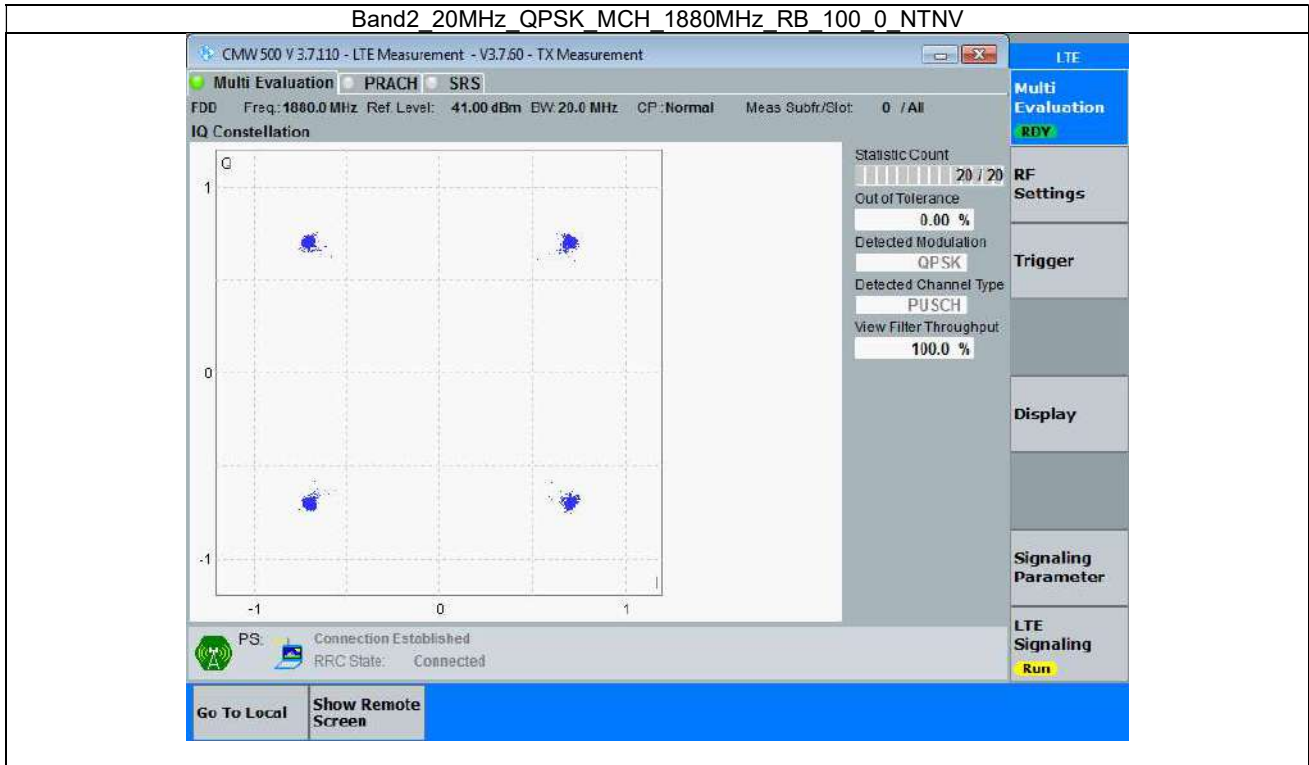
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3.6.2 Test Graph

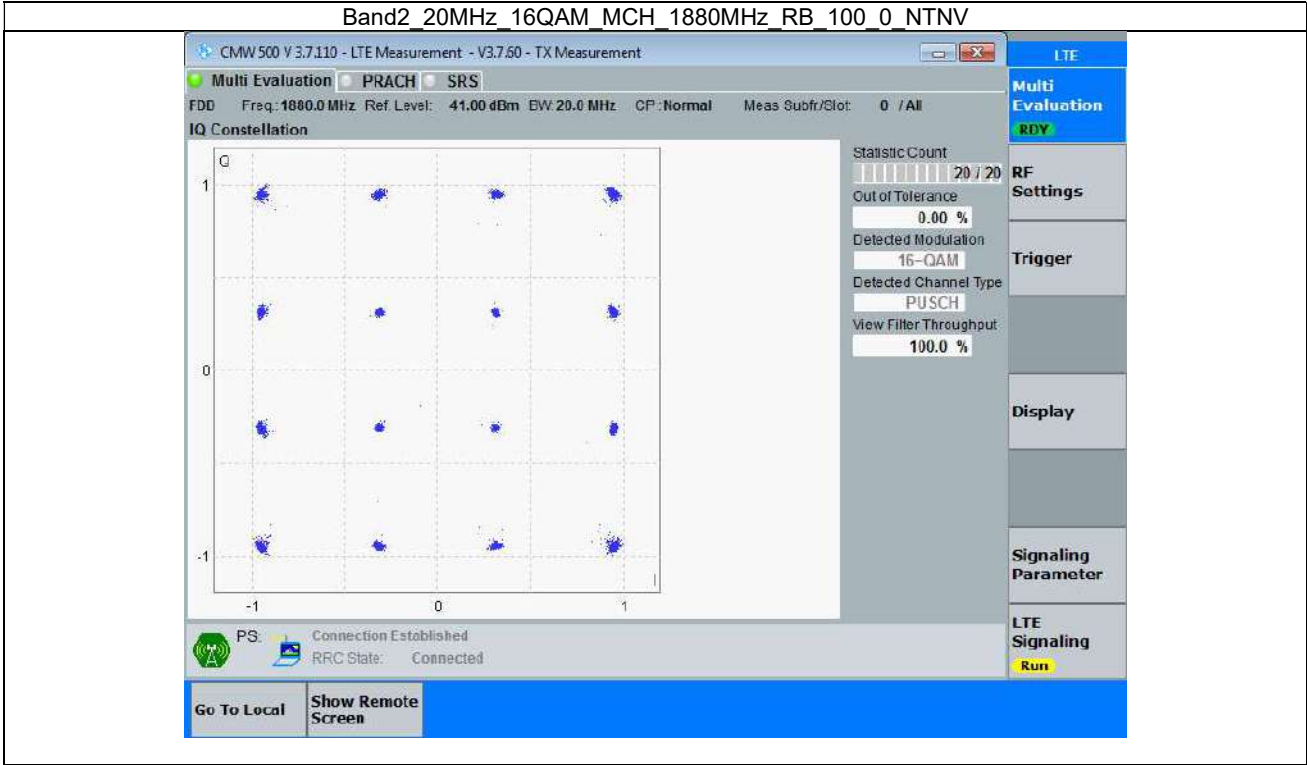


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4. 99% & 26dB Bandwidth

4.1 Band2_OBW

4.1.1 Test Result

Band: 2 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.128	Pass
		1880	6	0	1.107	Pass
		1909.3	6	0	1.119	Pass
	16QAM	1850.7	6	0	1.112	Pass
		1880	6	0	1.105	Pass
		1909.3	6	0	1.117	Pass
3	QPSK	1851.5	15	0	2.750	Pass
		1880	15	0	2.747	Pass
		1908.5	15	0	2.738	Pass
	16QAM	1851.5	15	0	2.758	Pass
		1880	15	0	2.741	Pass
		1908.5	15	0	2.737	Pass
5	QPSK	1852.5	25	0	4.548	Pass
		1880	25	0	4.548	Pass
		1907.5	25	0	4.567	Pass
	16QAM	1852.5	25	0	4.569	Pass
		1880	25	0	4.567	Pass
		1907.5	25	0	4.547	Pass
10	QPSK	1855	50	0	9.060	Pass
		1880	50	0	9.037	Pass
		1905	50	0	9.046	Pass
	16QAM	1855	50	0	9.058	Pass
		1880	50	0	9.036	Pass
		1905	50	0	9.055	Pass
15	QPSK	1857.5	75	0	13.585	Pass
		1880	75	0	13.537	Pass
		1902.5	75	0	13.538	Pass
	16QAM	1857.5	75	0	13.635	Pass
		1880	75	0	13.568	Pass
		1902.5	75	0	13.520	Pass
20	QPSK	1860	100	0	18.128	Pass
		1880	100	0	18.014	Pass
		1900	100	0	18.097	Pass
	16QAM	1860	100	0	18.134	Pass
		1880	100	0	18.060	Pass
		1900	100	0	18.124	Pass



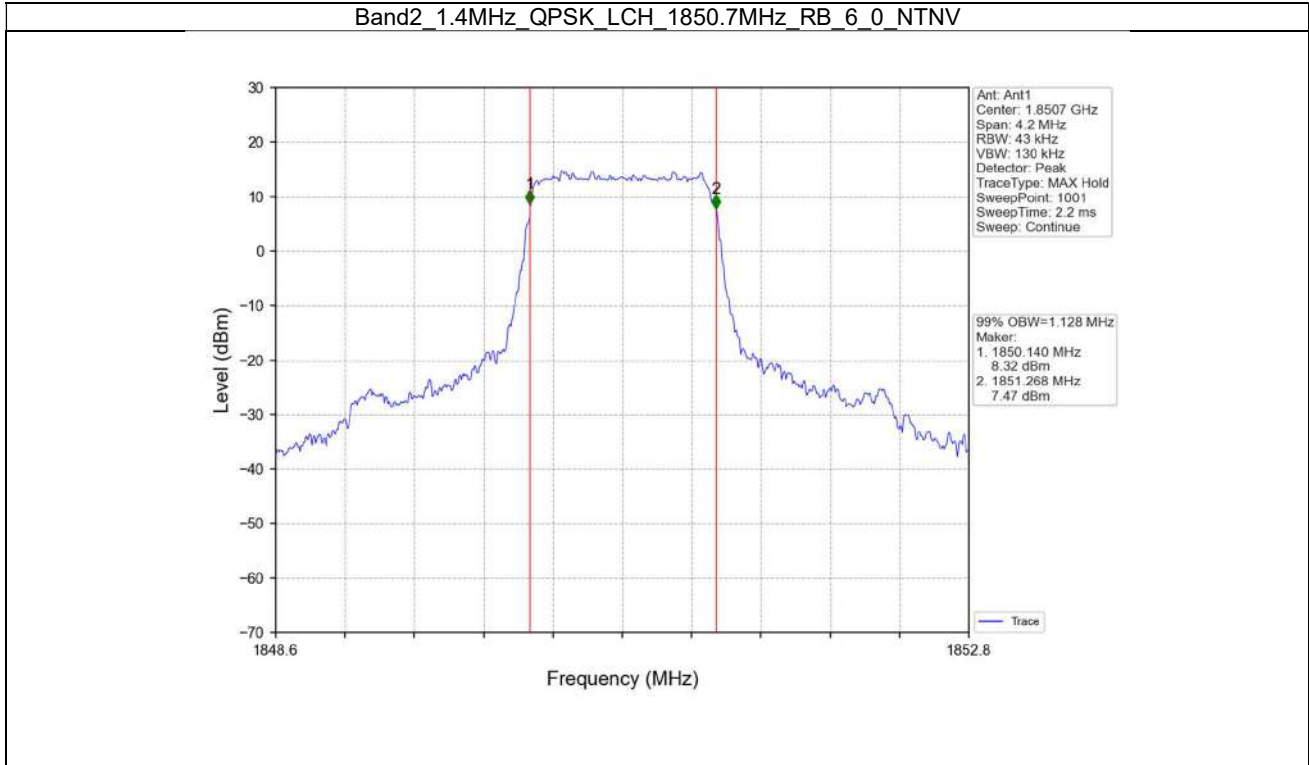
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4.1.2 Test Graph



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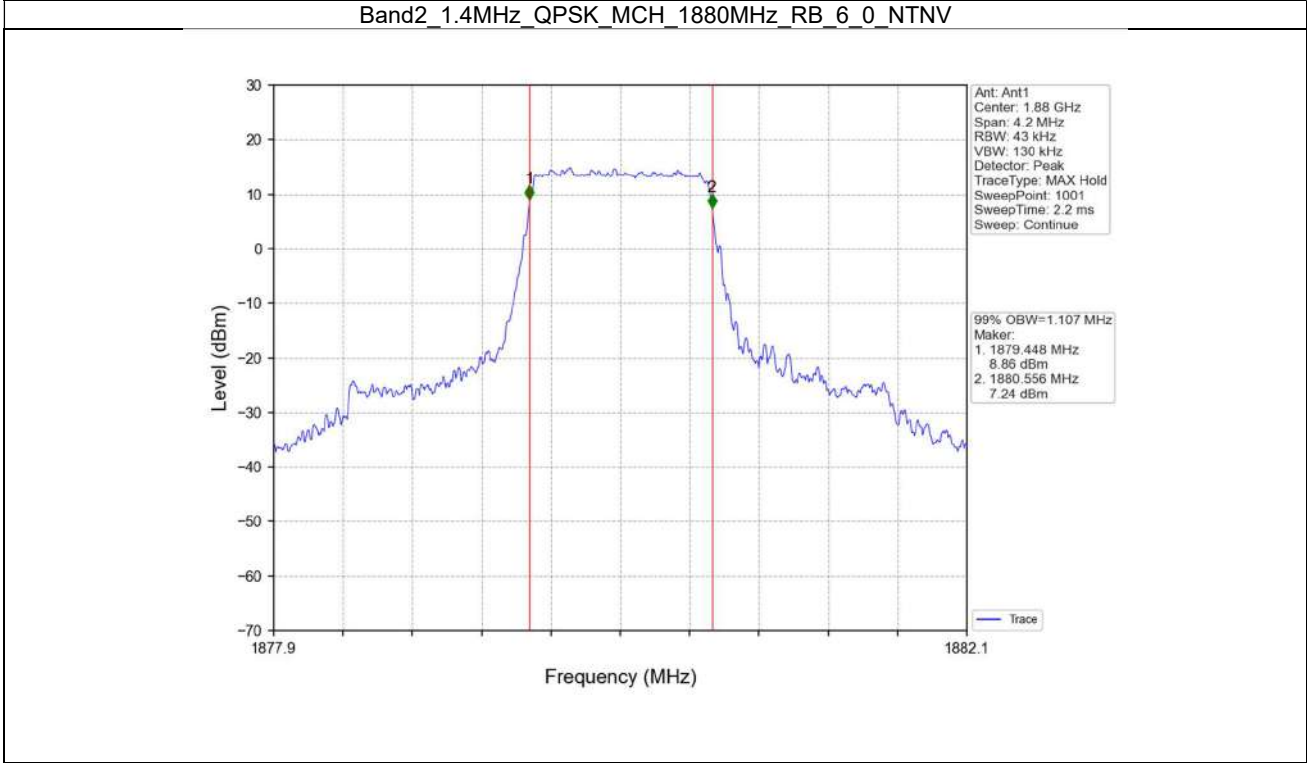
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

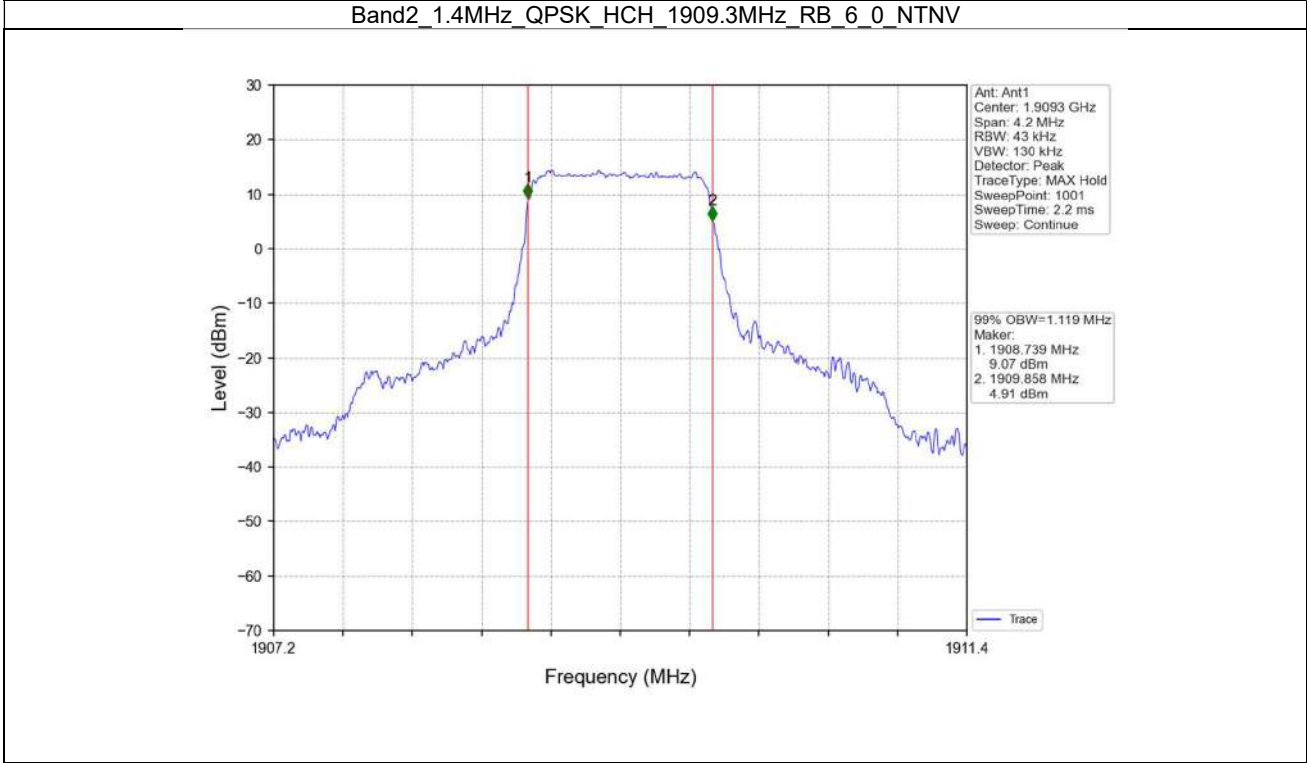


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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



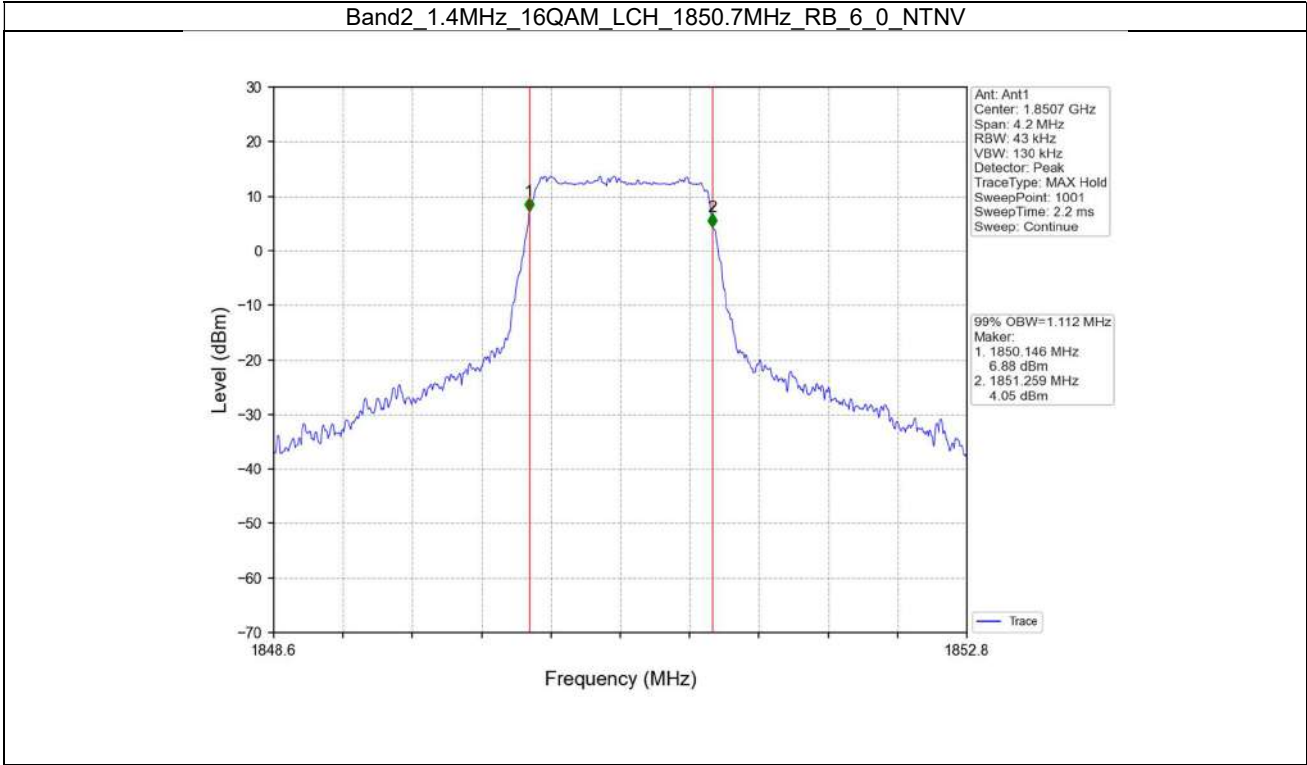
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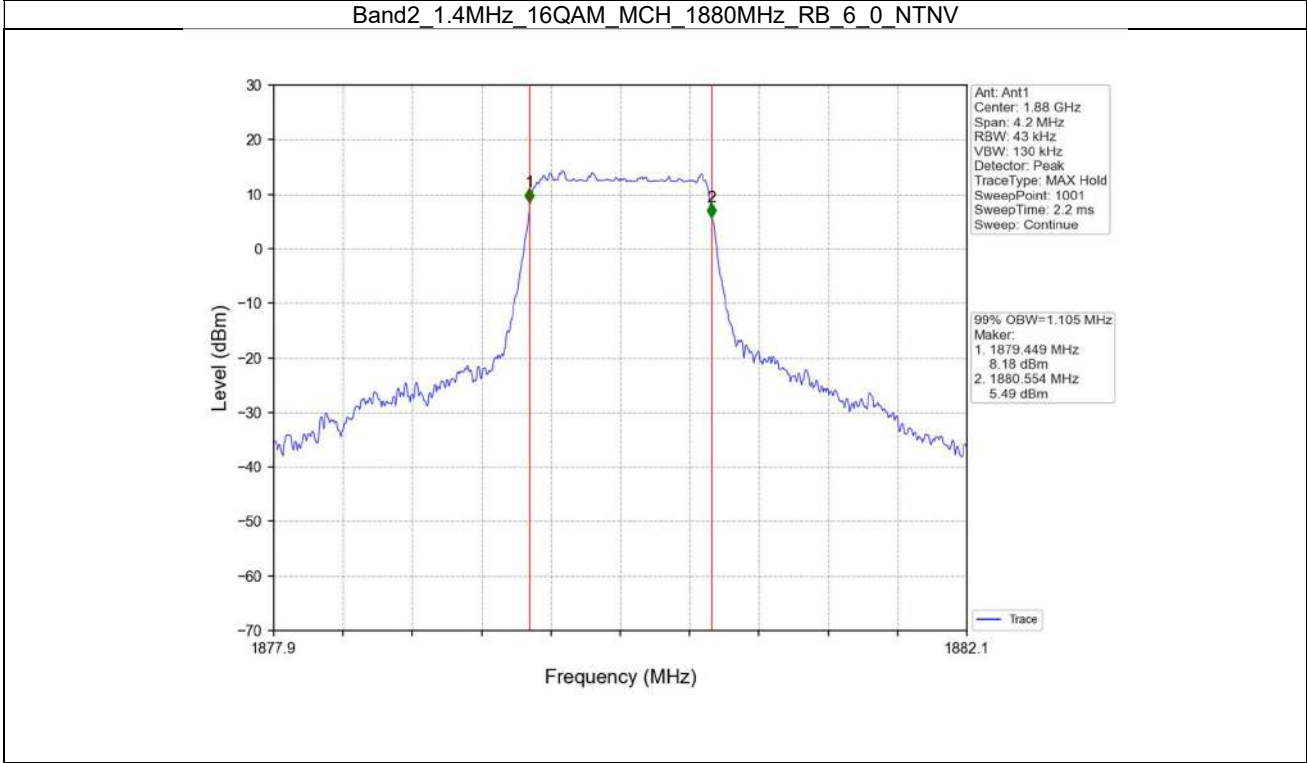


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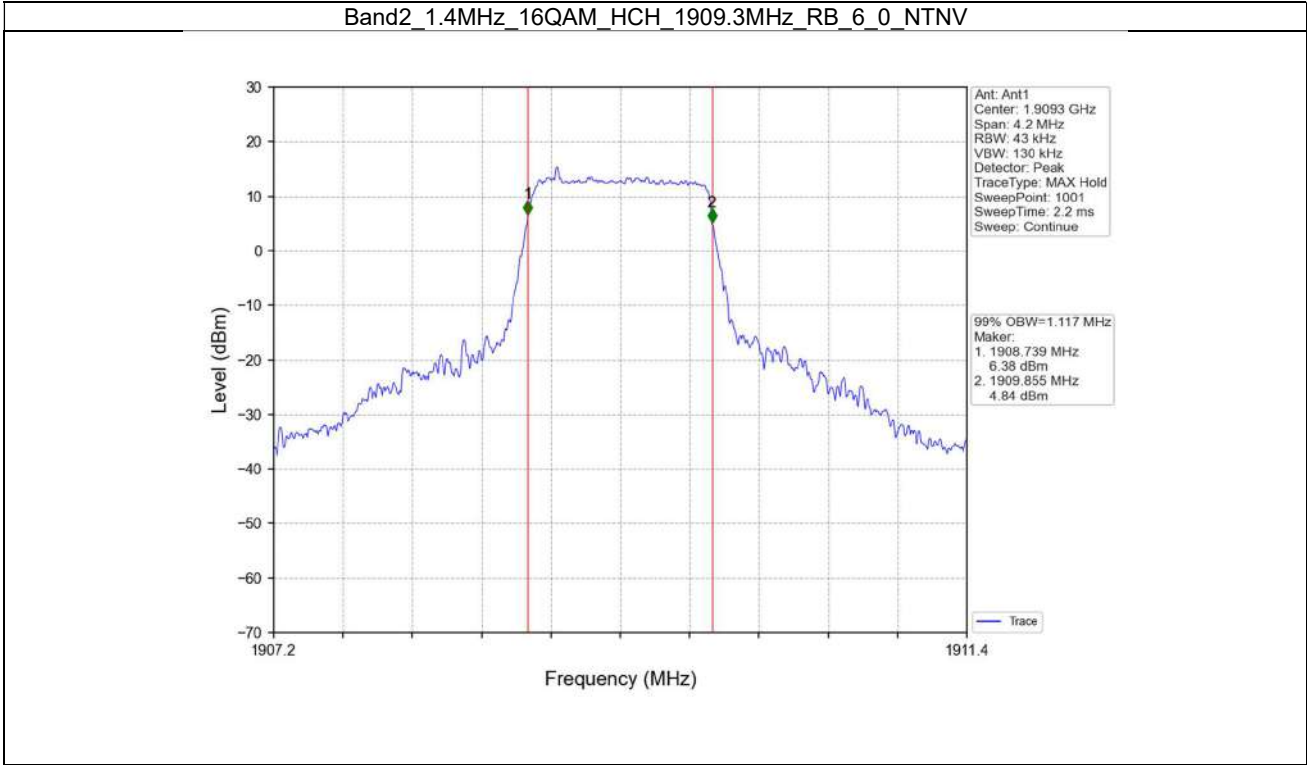
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



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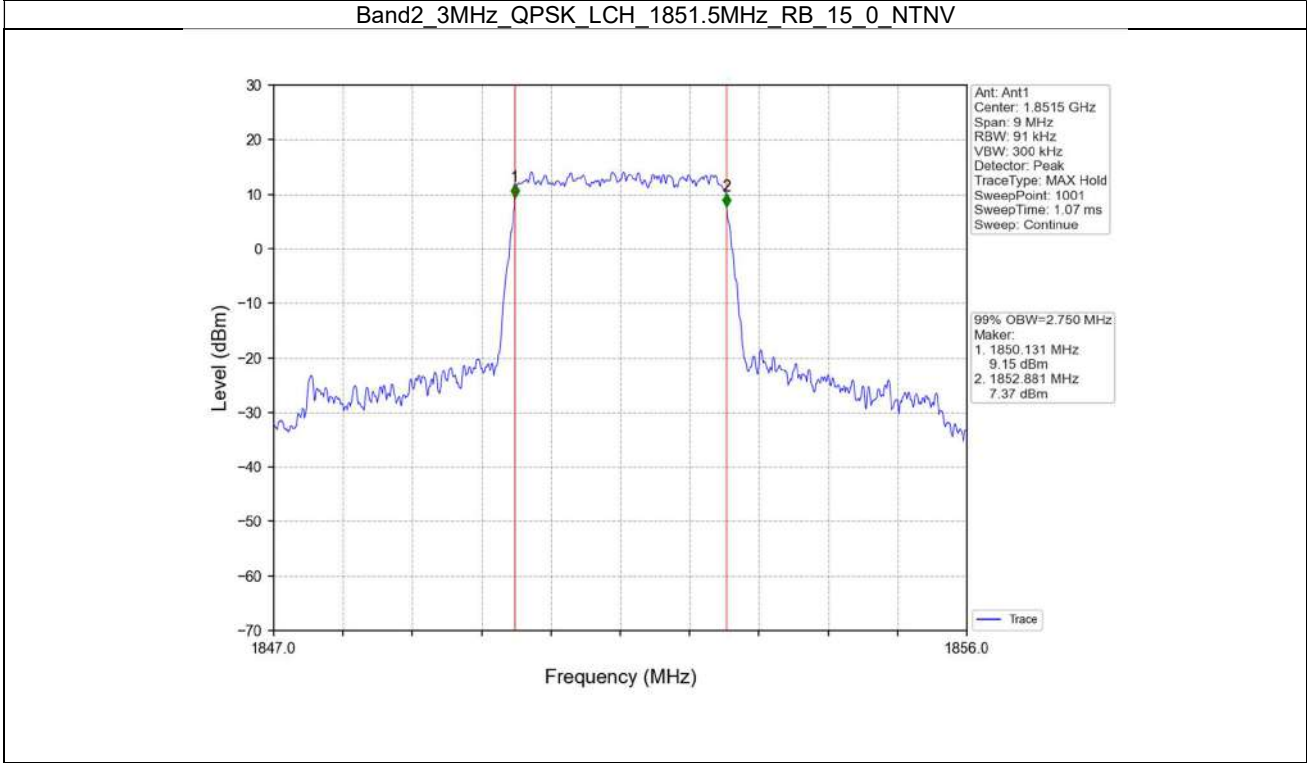


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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



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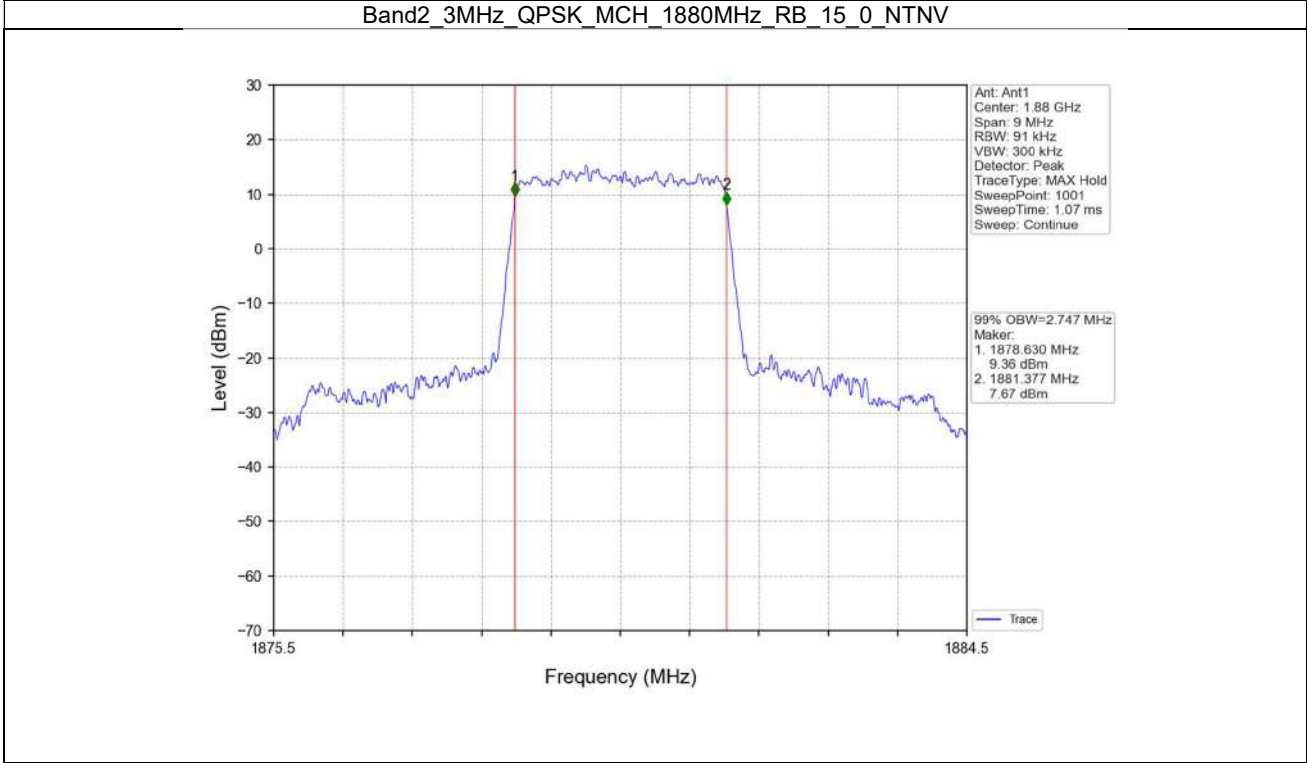
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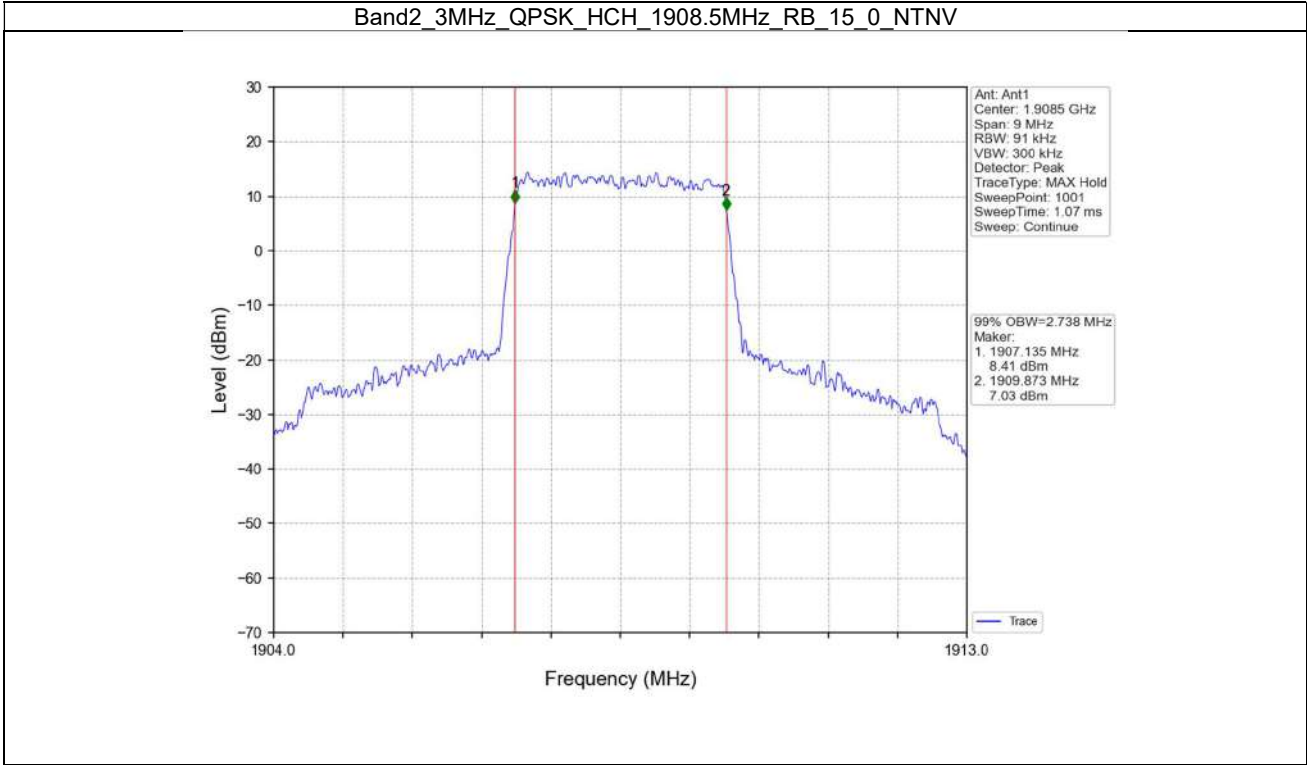
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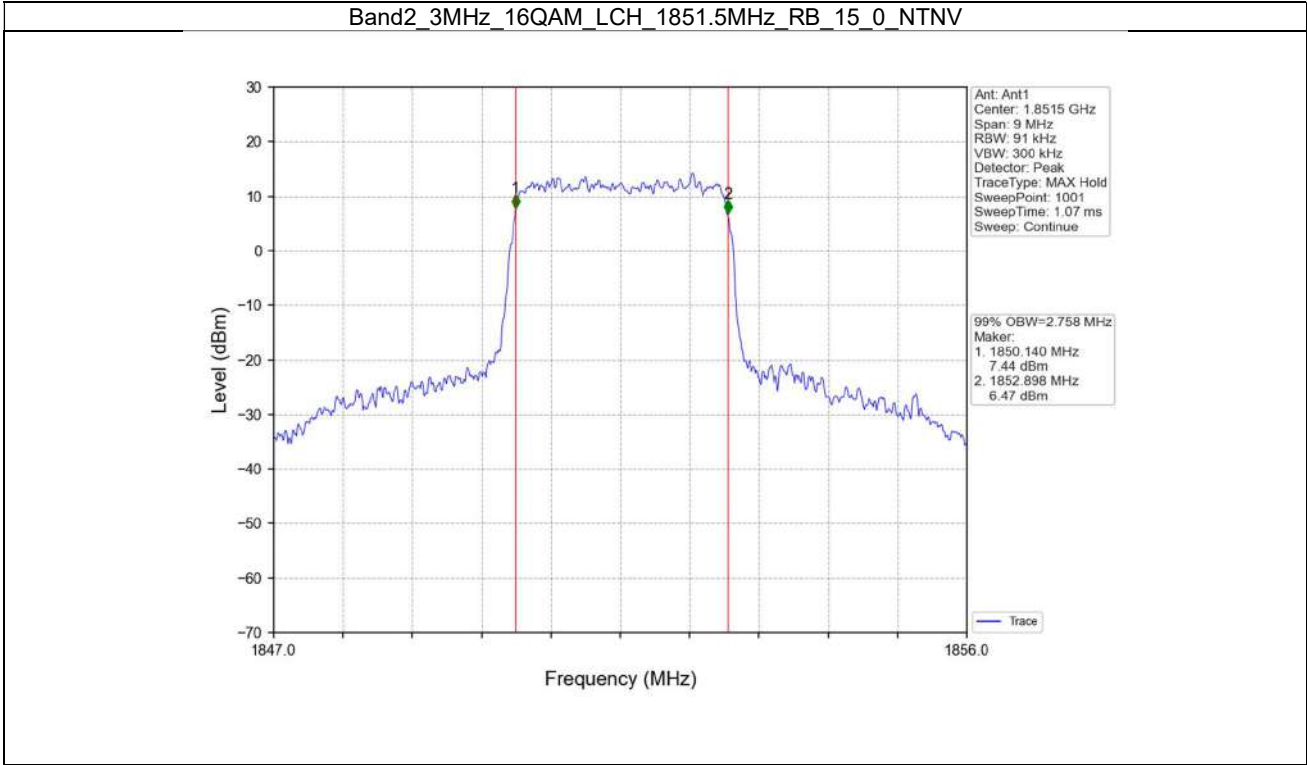


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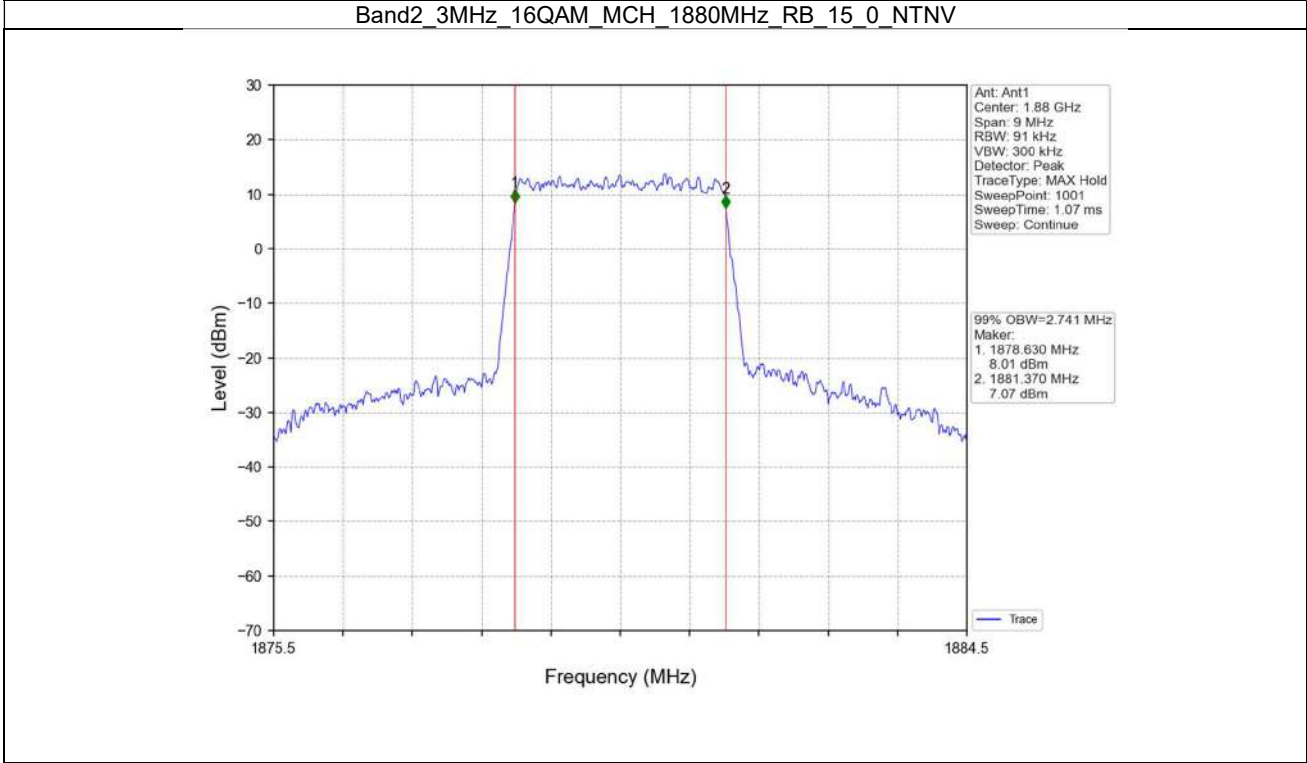


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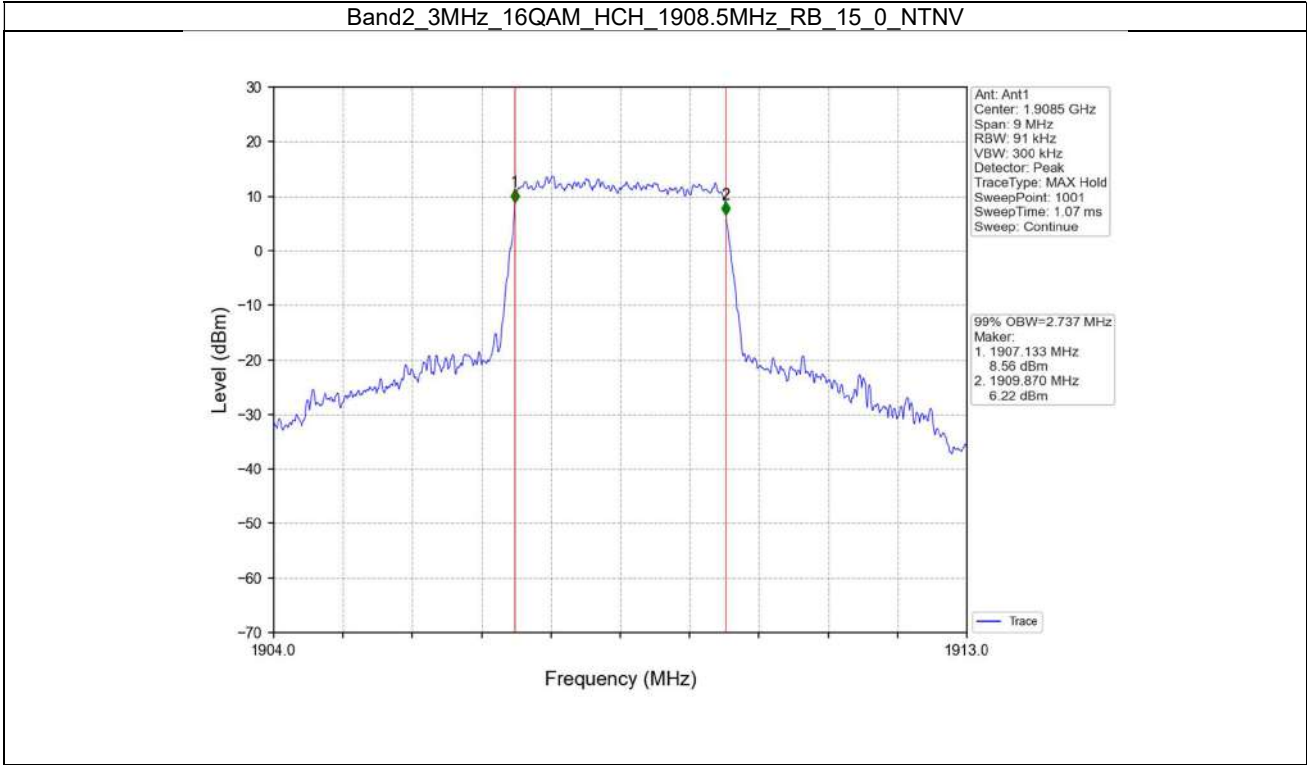
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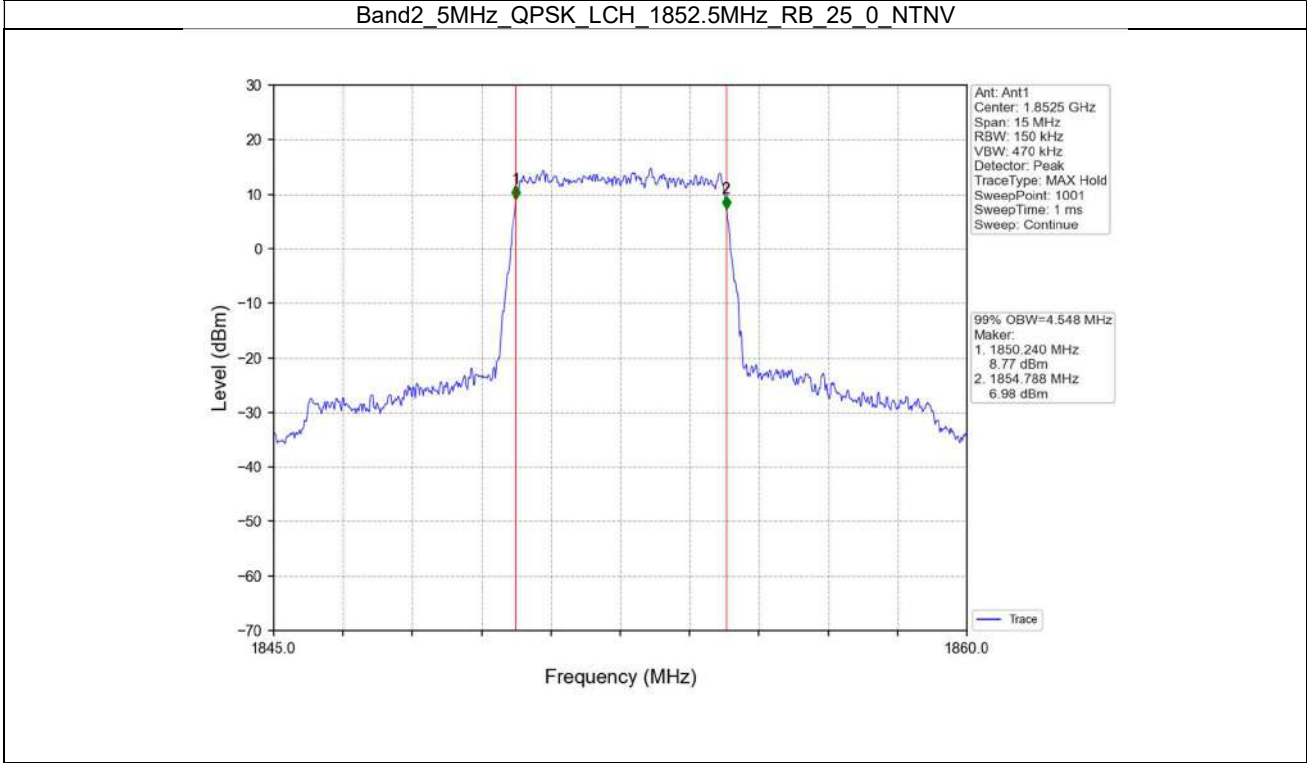


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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

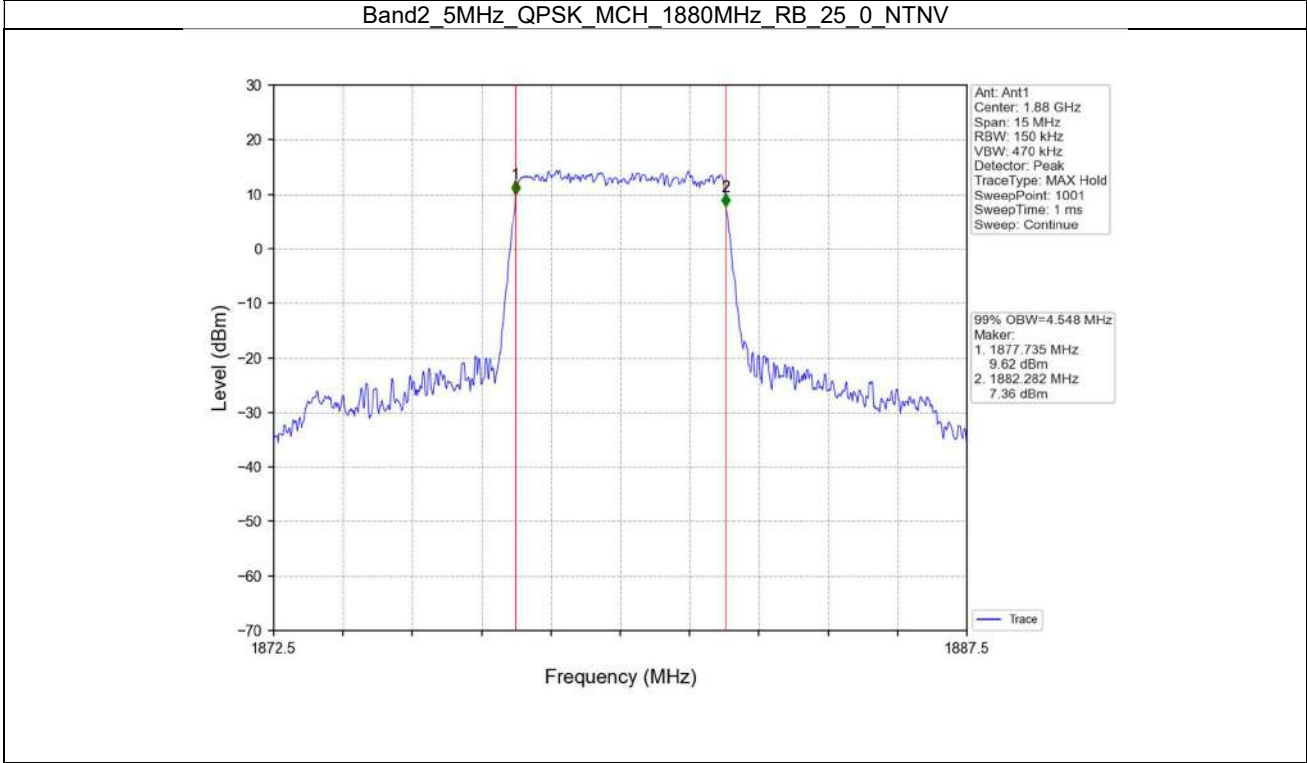


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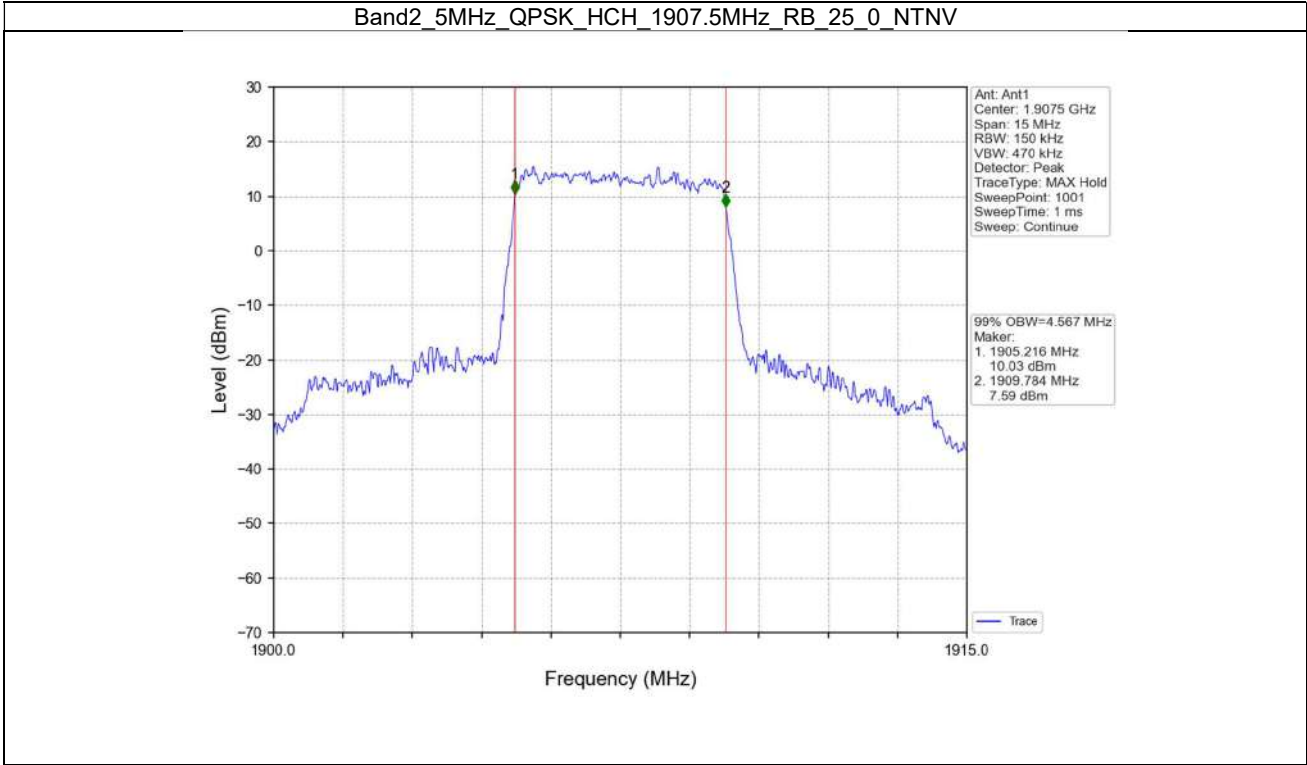
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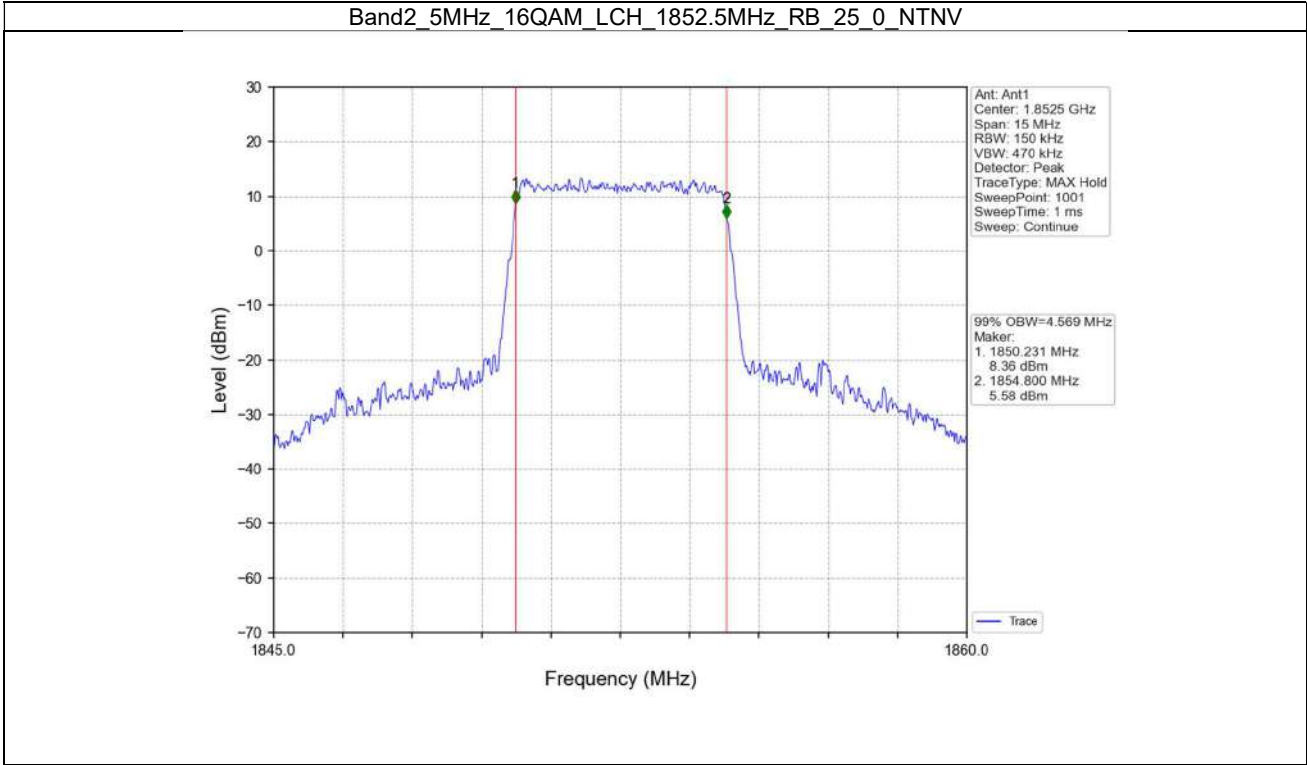
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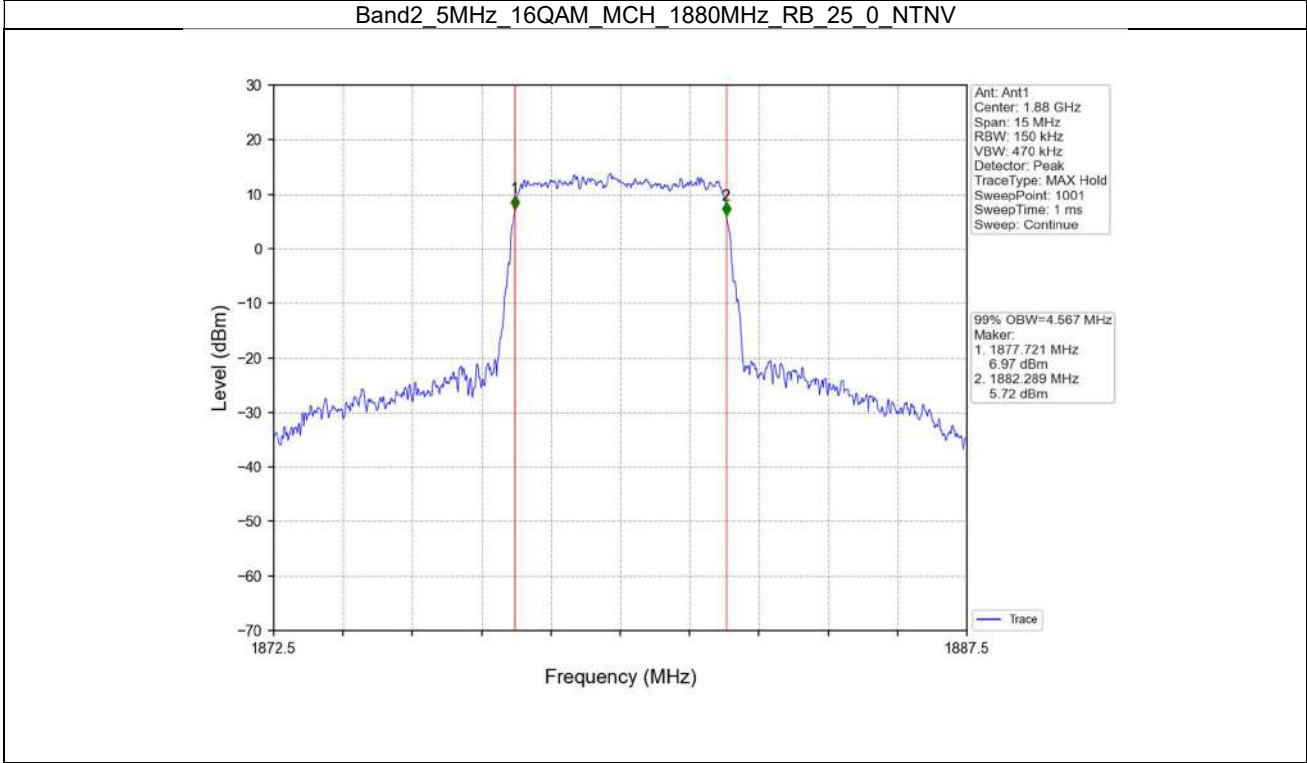


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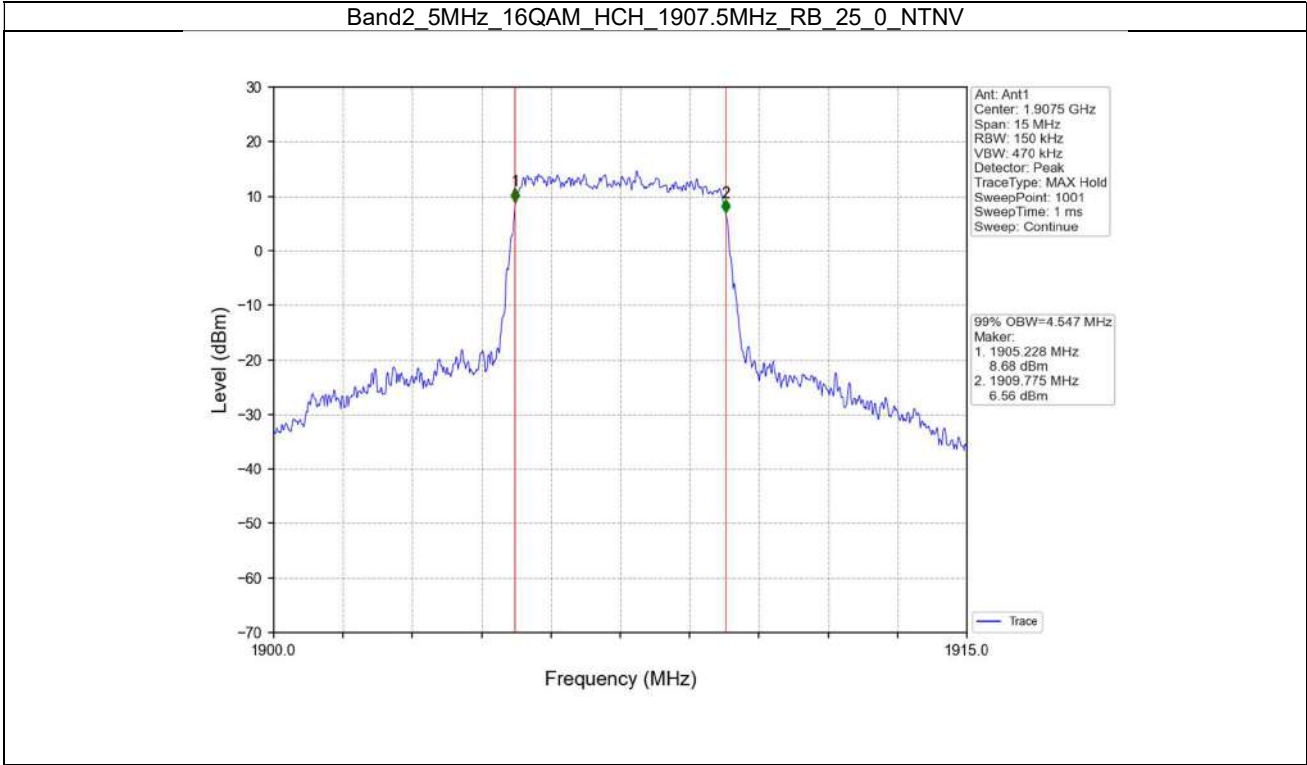


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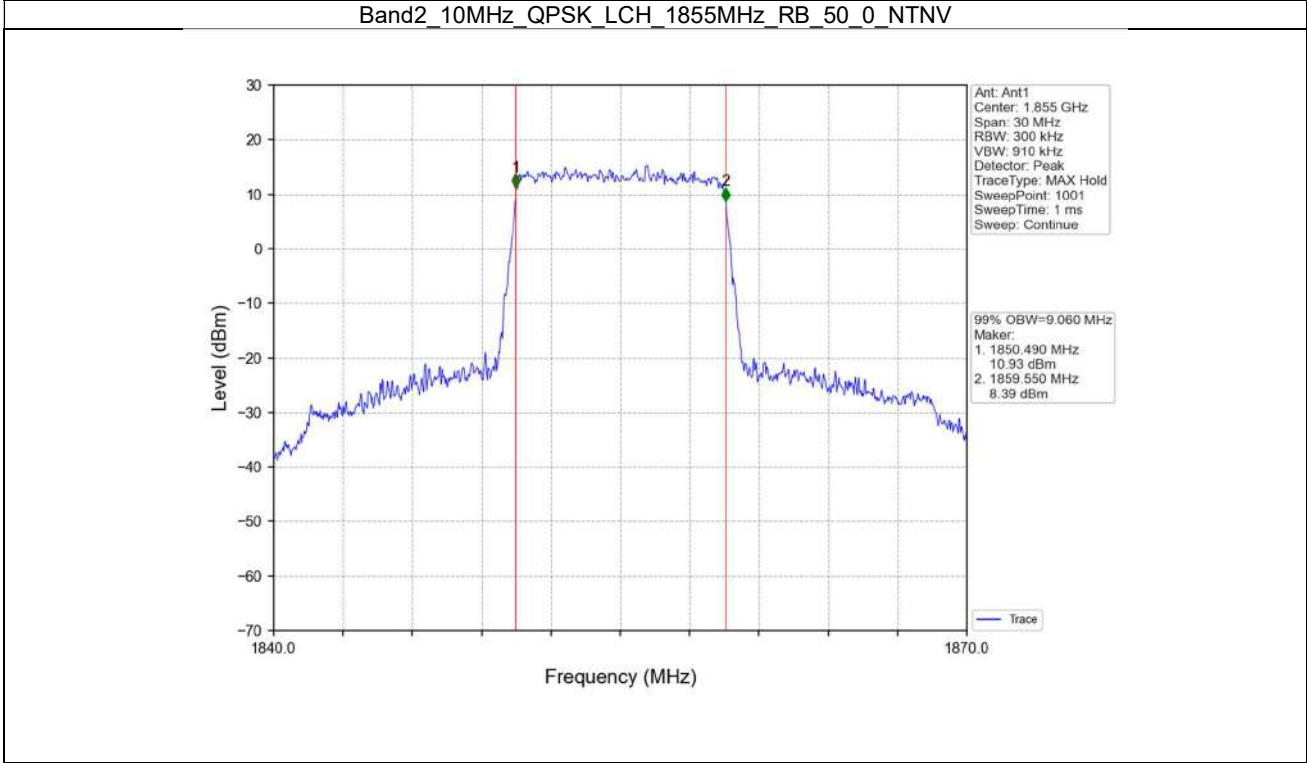


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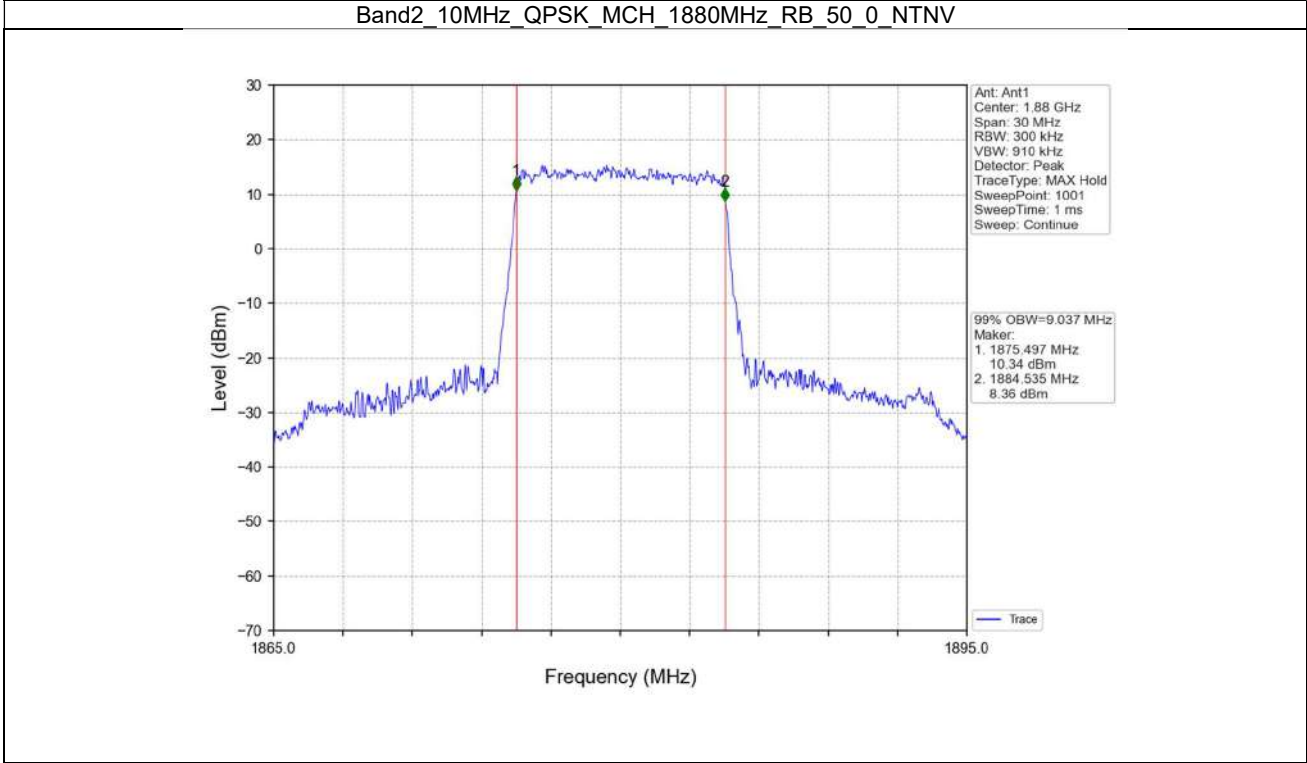


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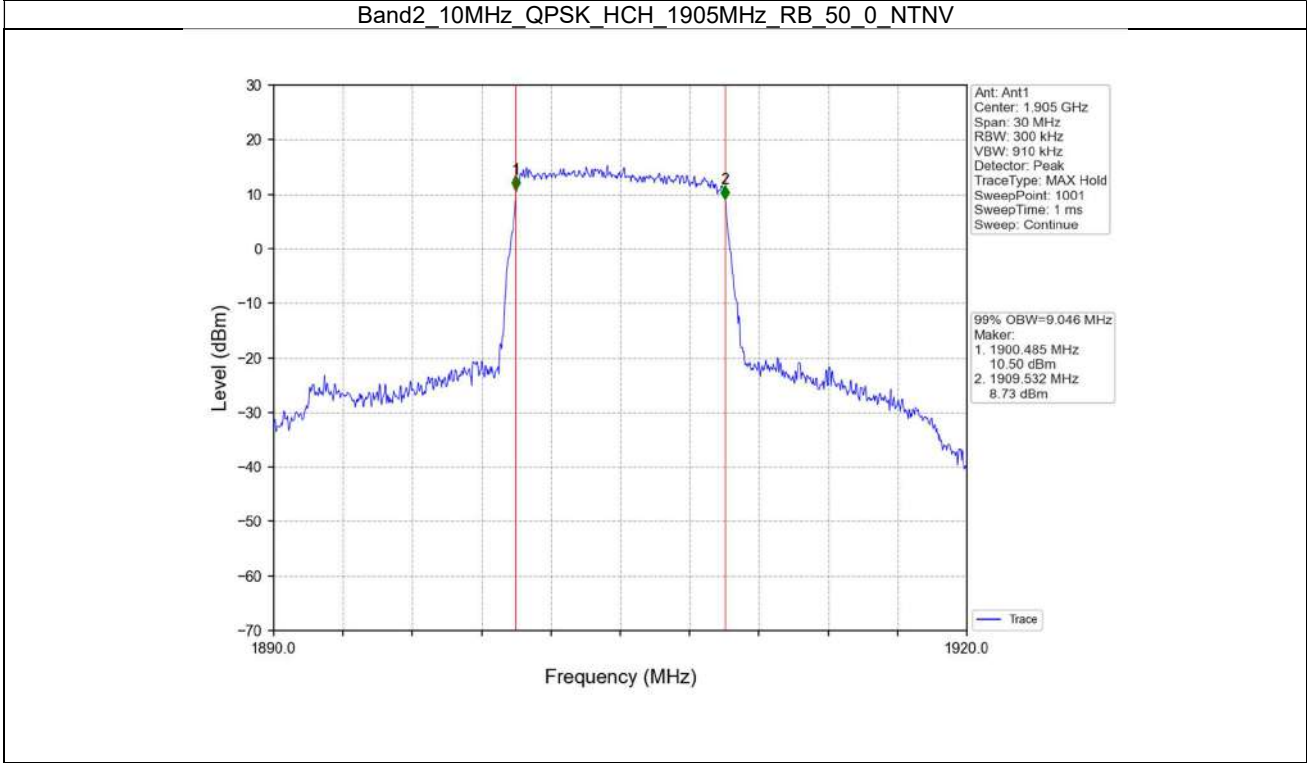
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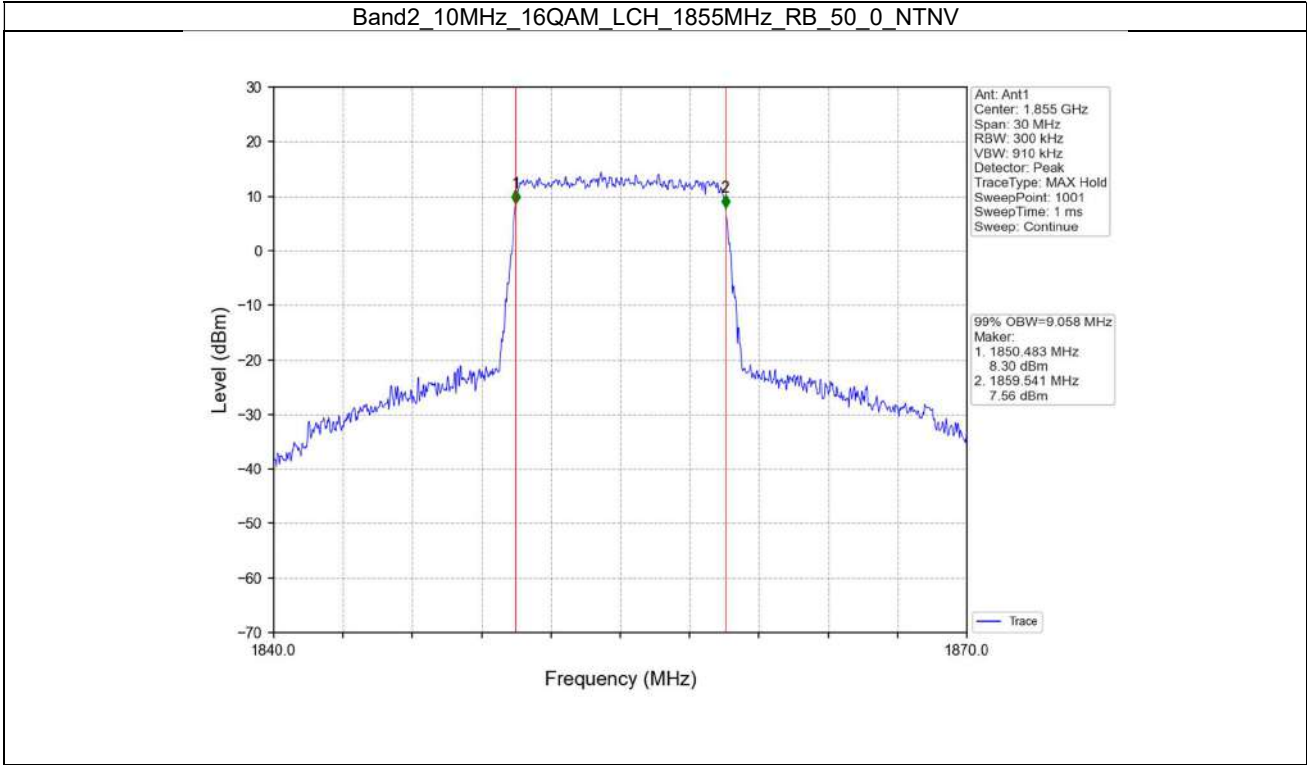
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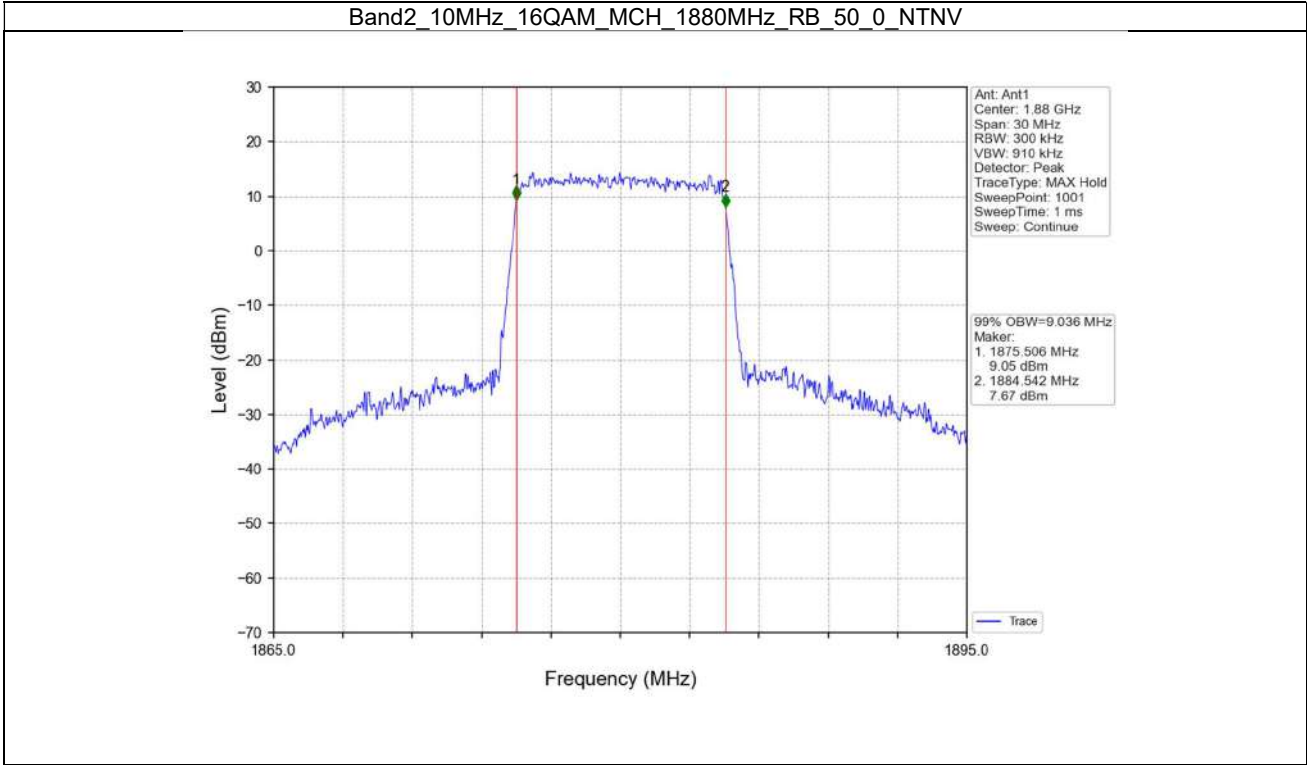
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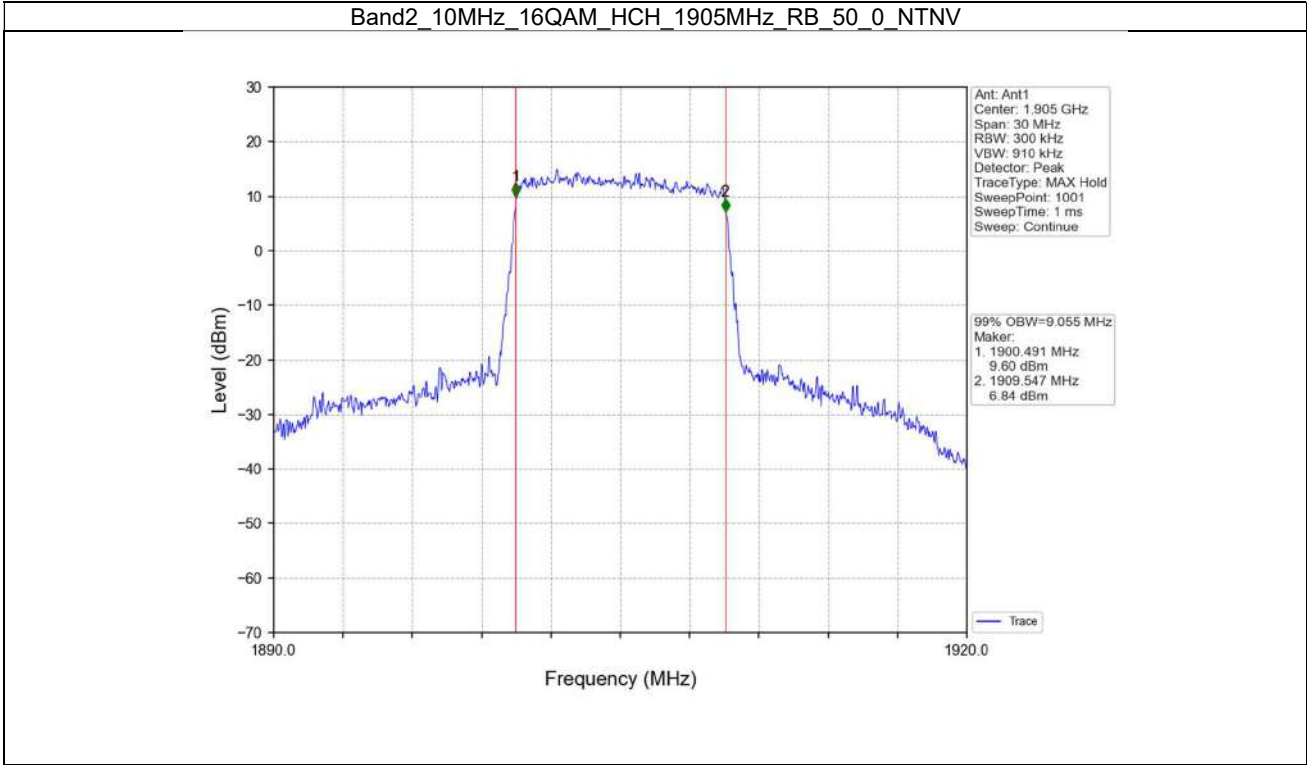
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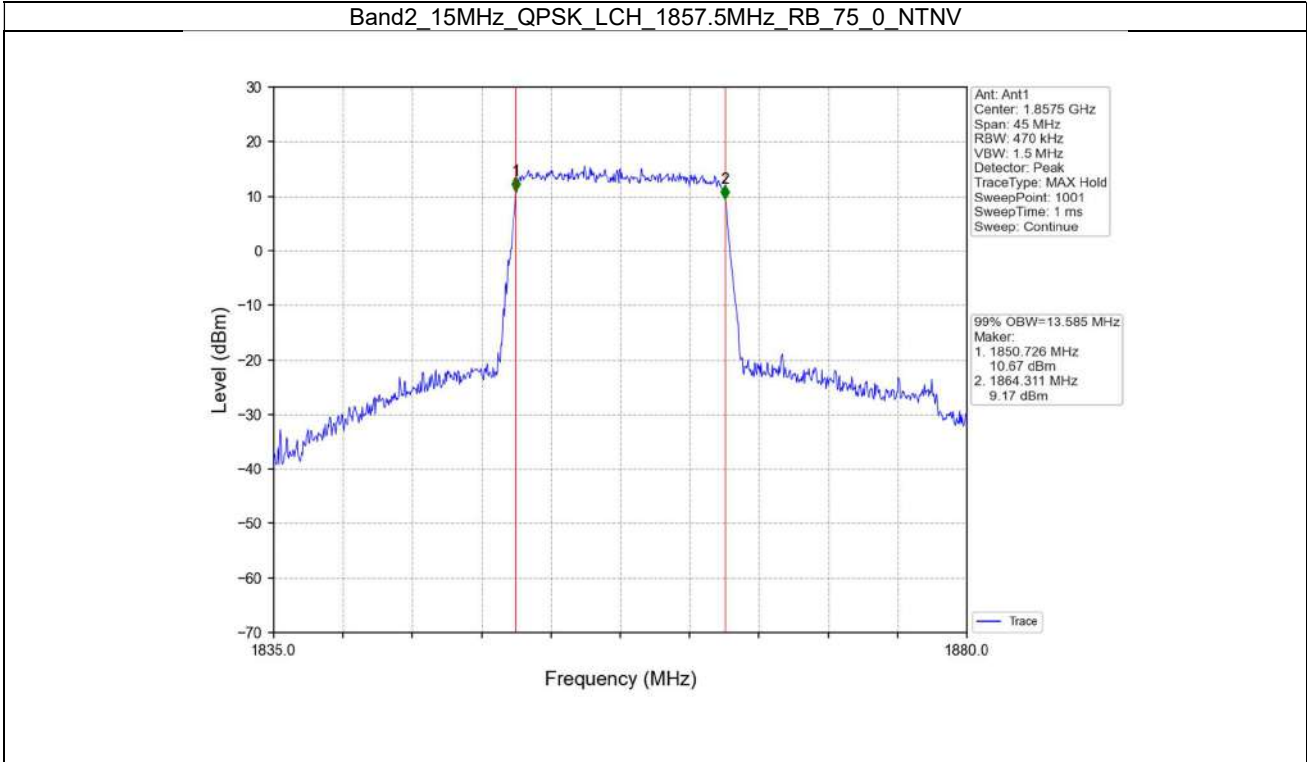
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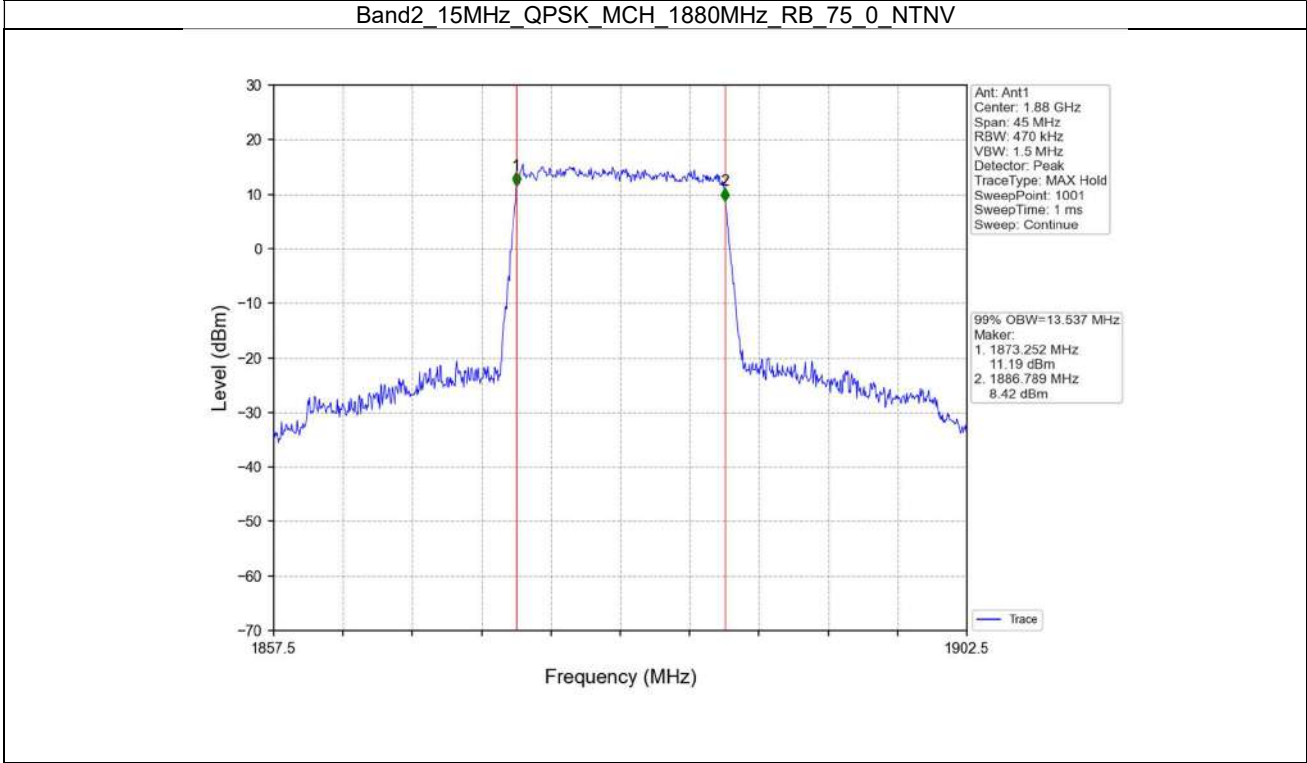


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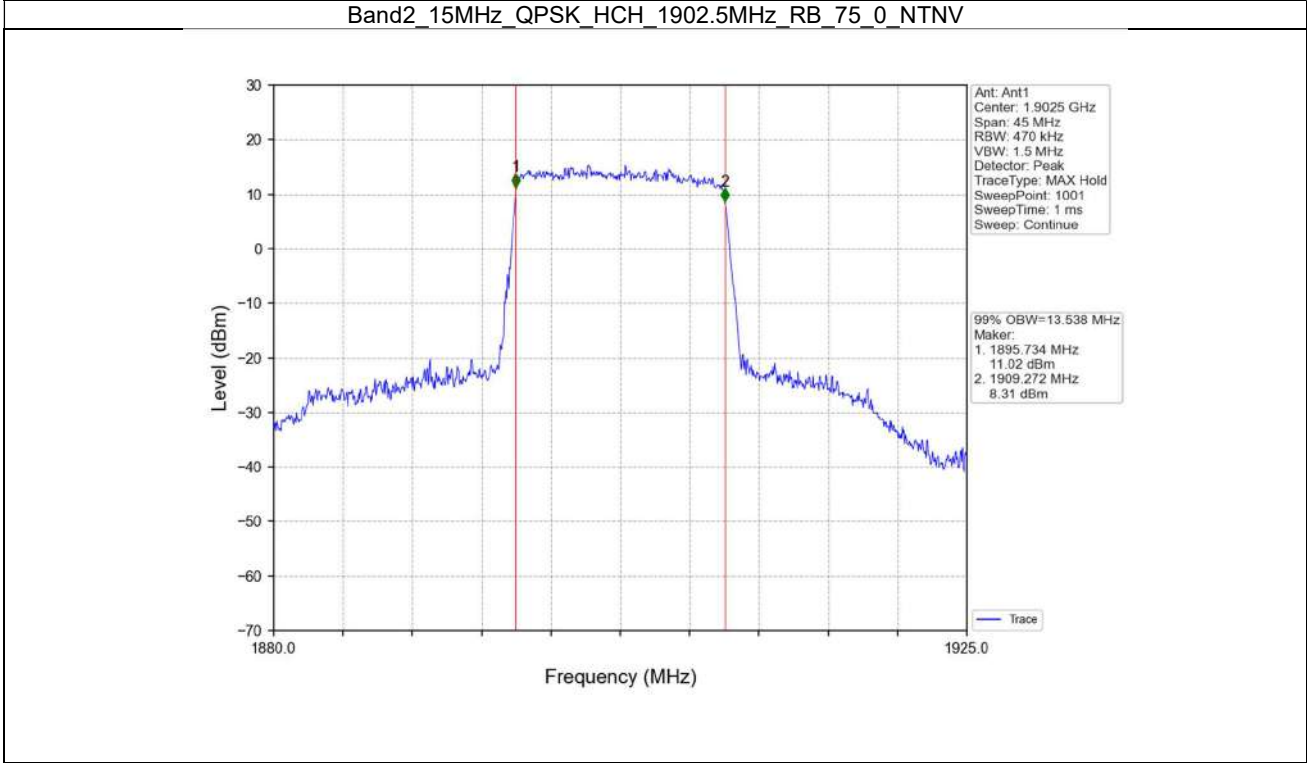
Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV



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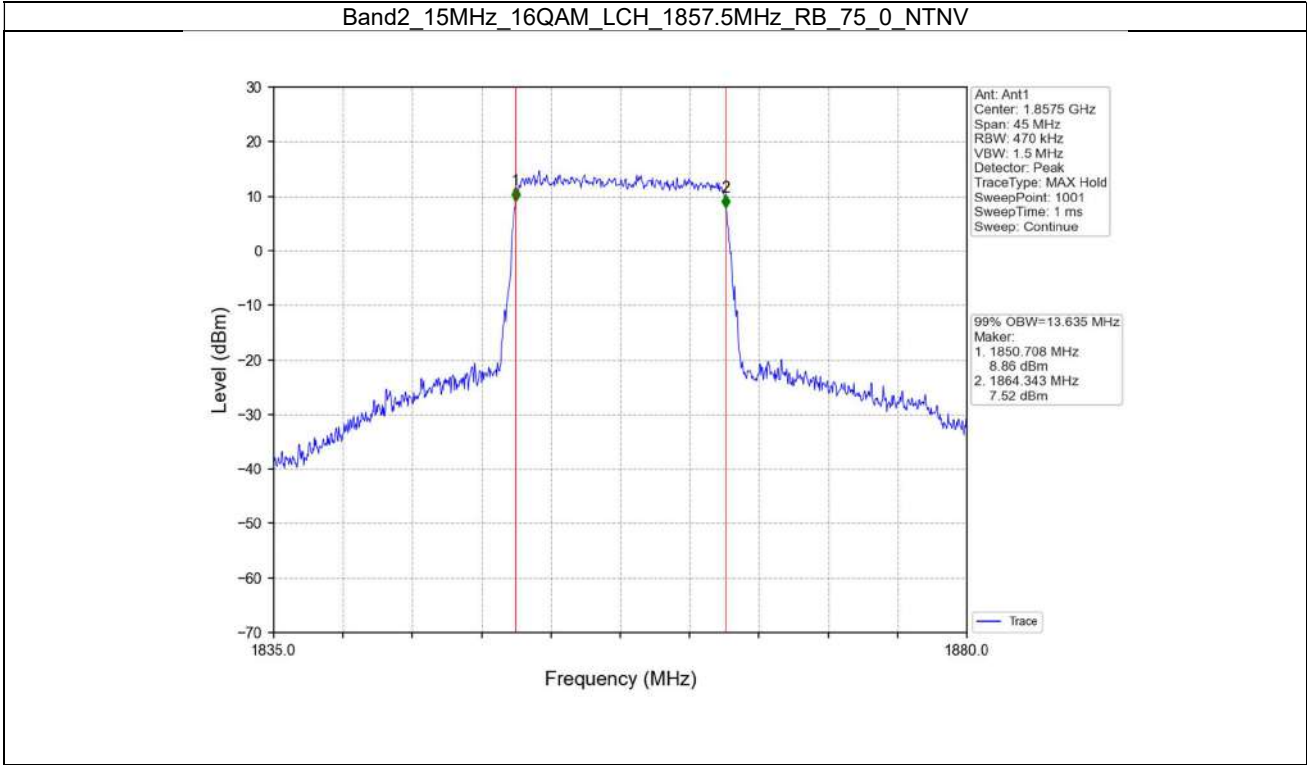
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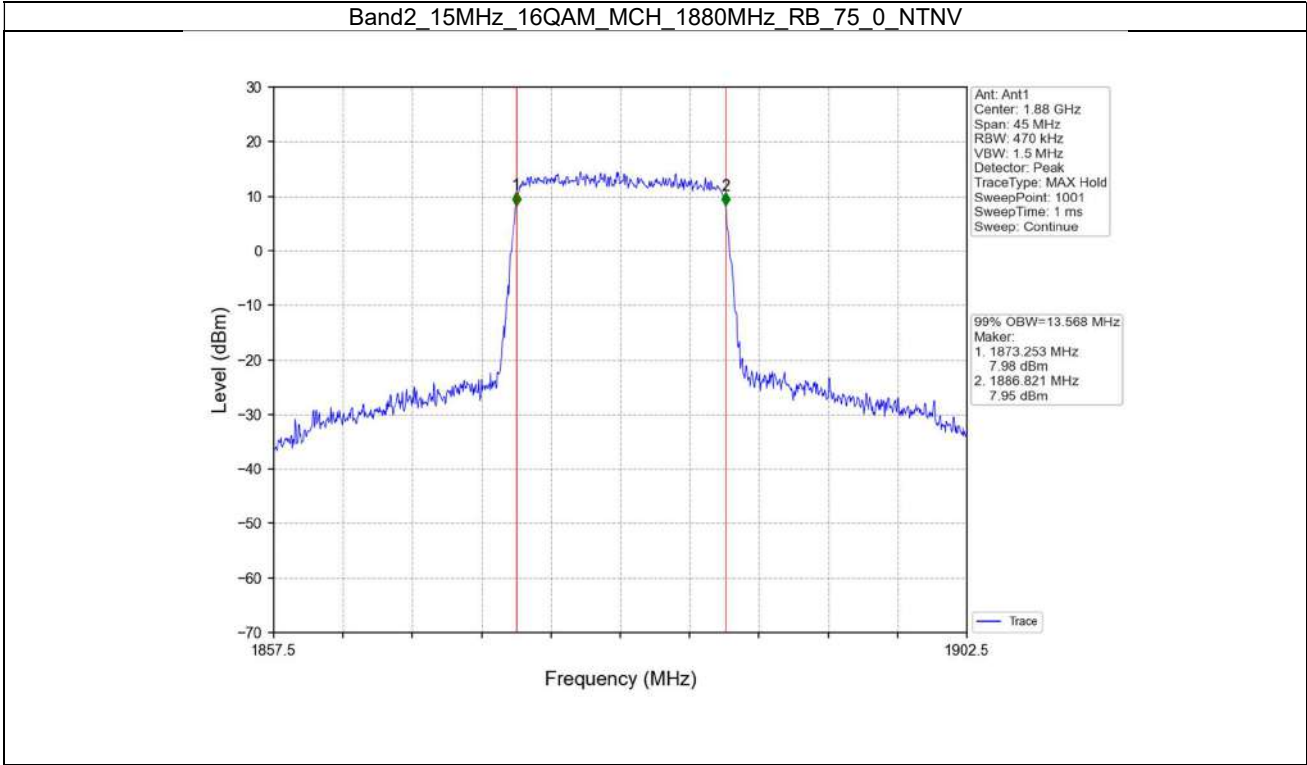
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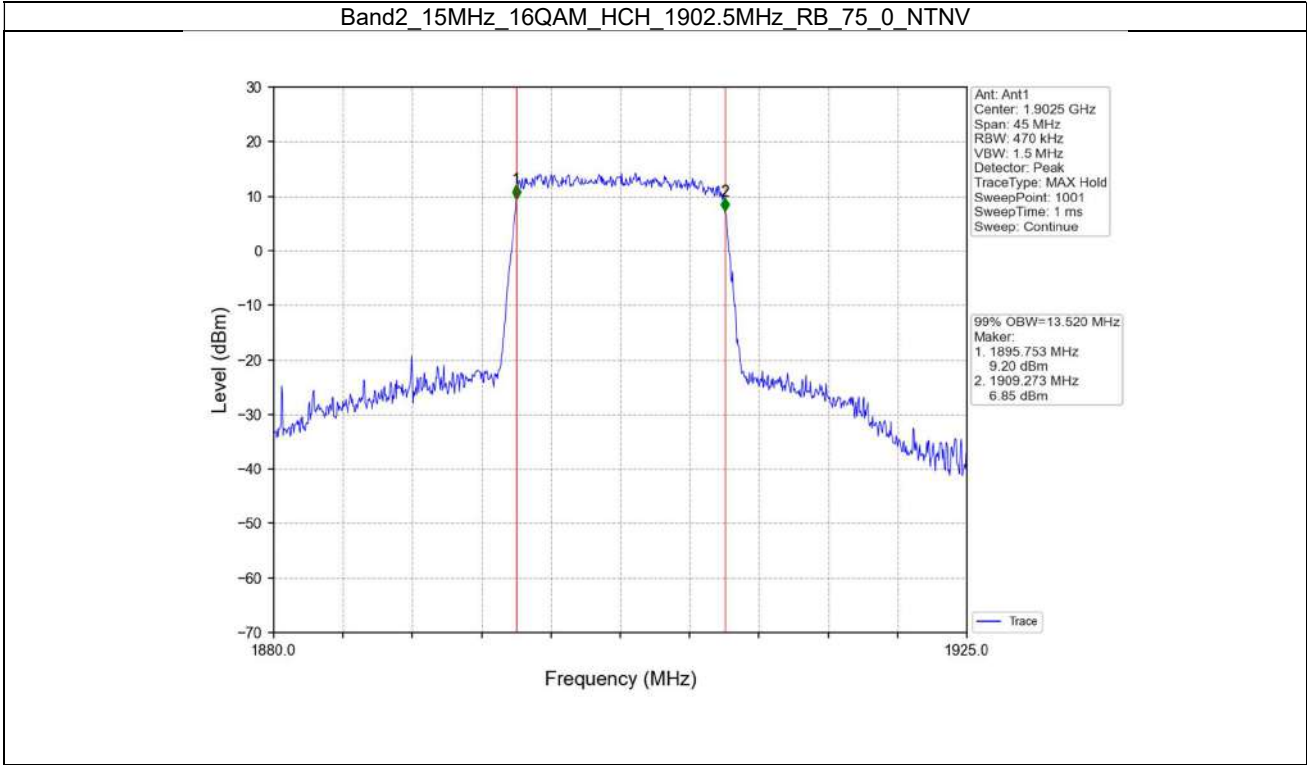
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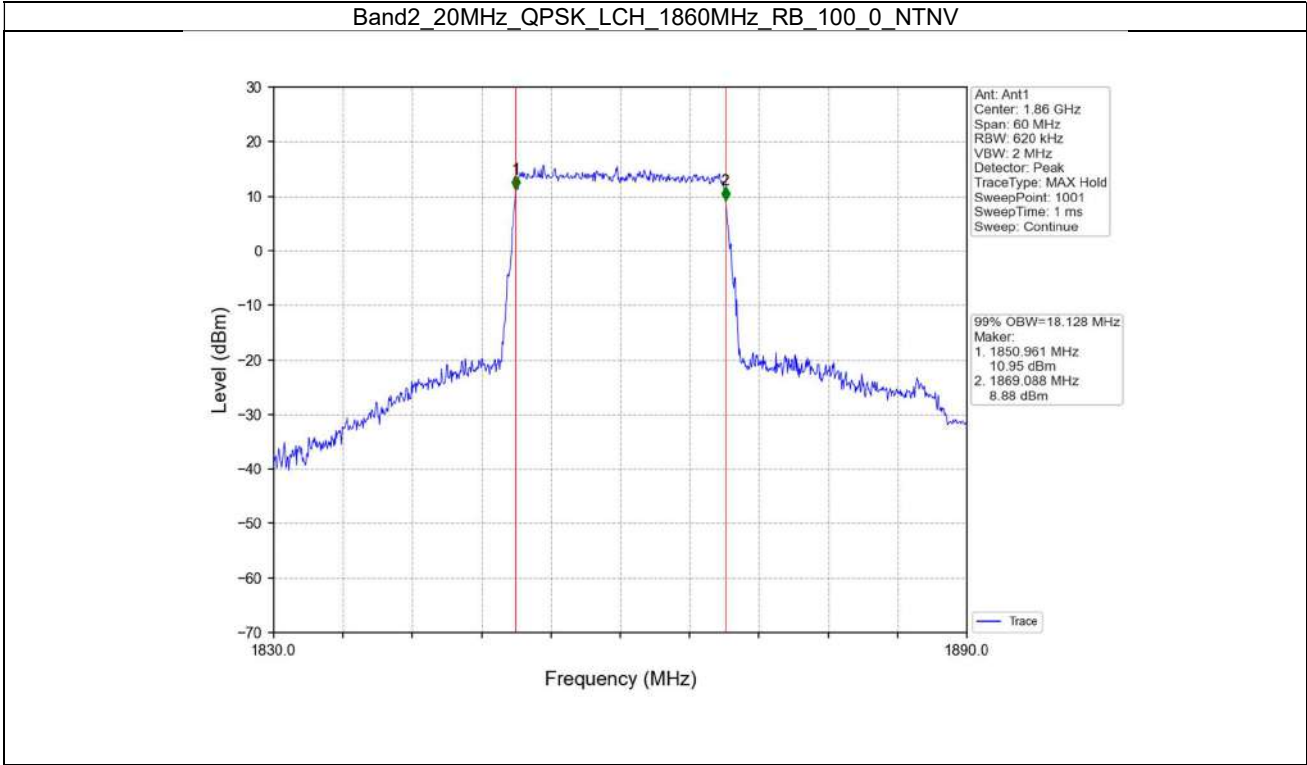
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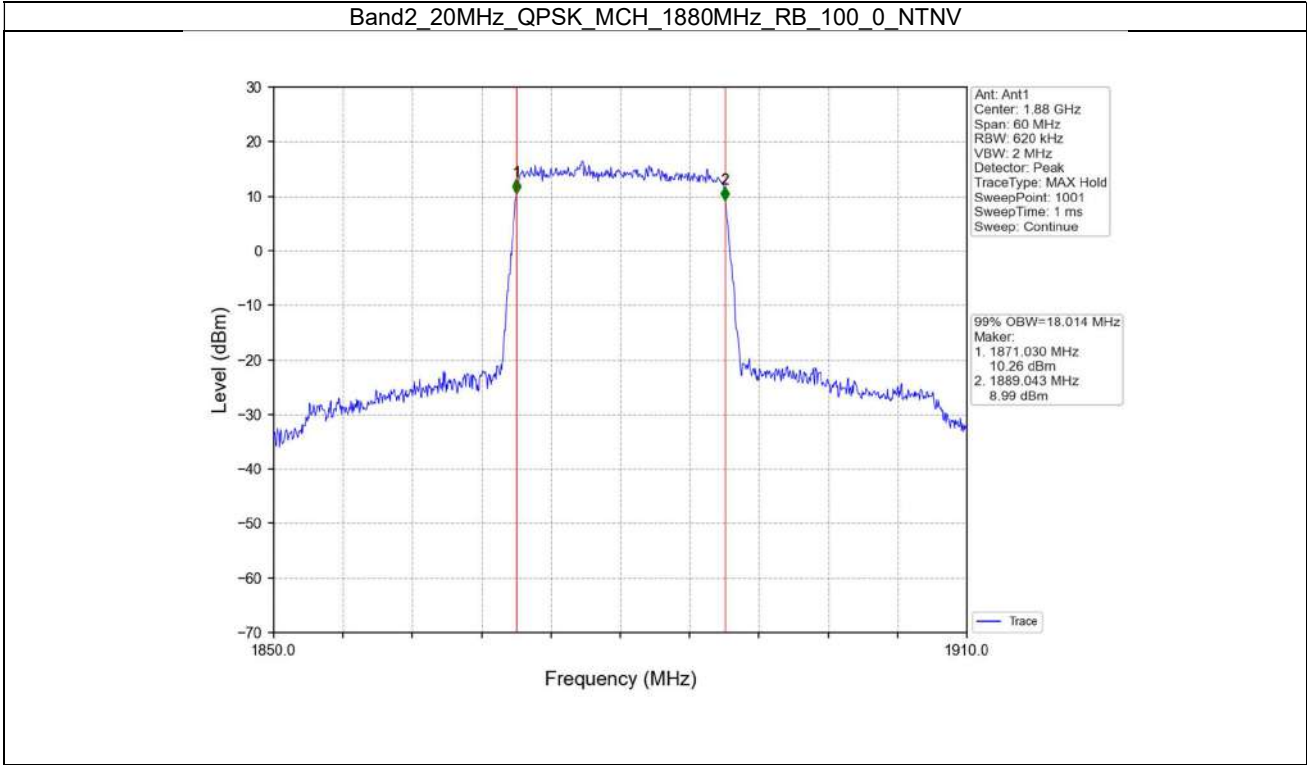


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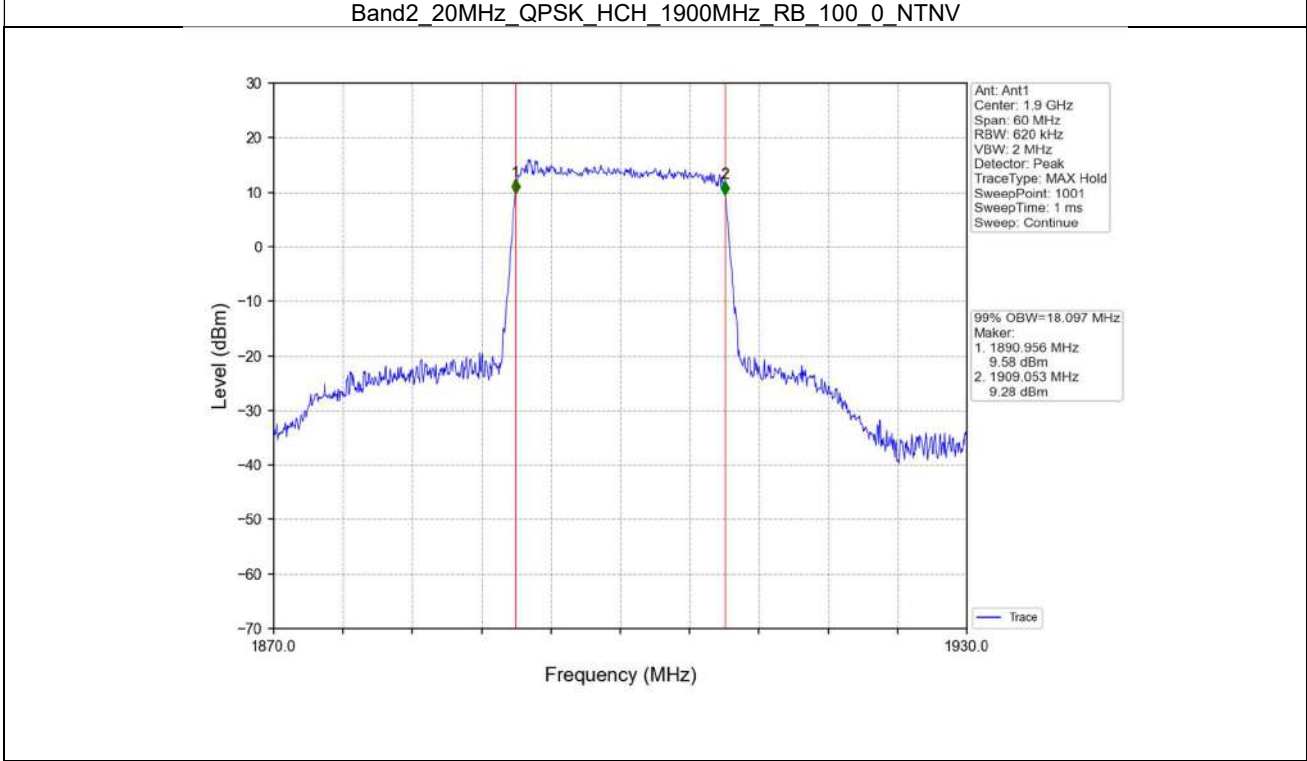


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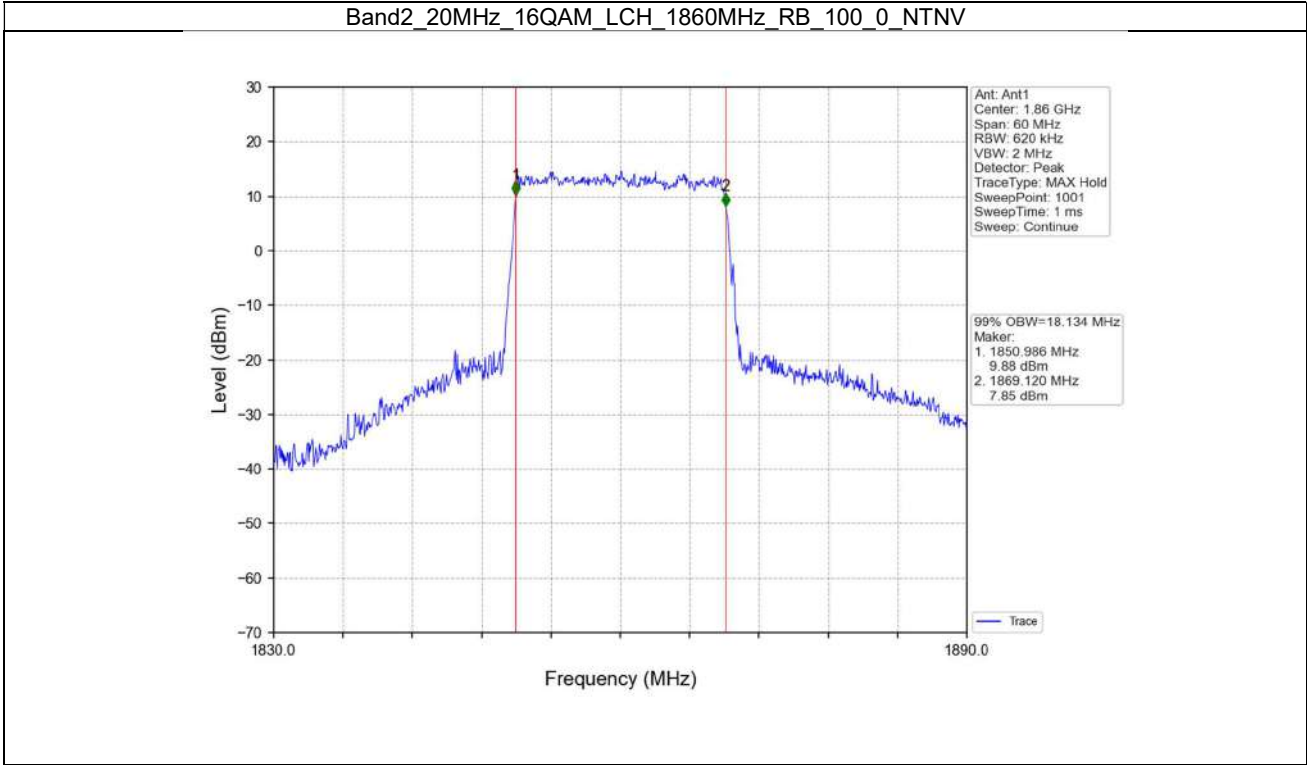
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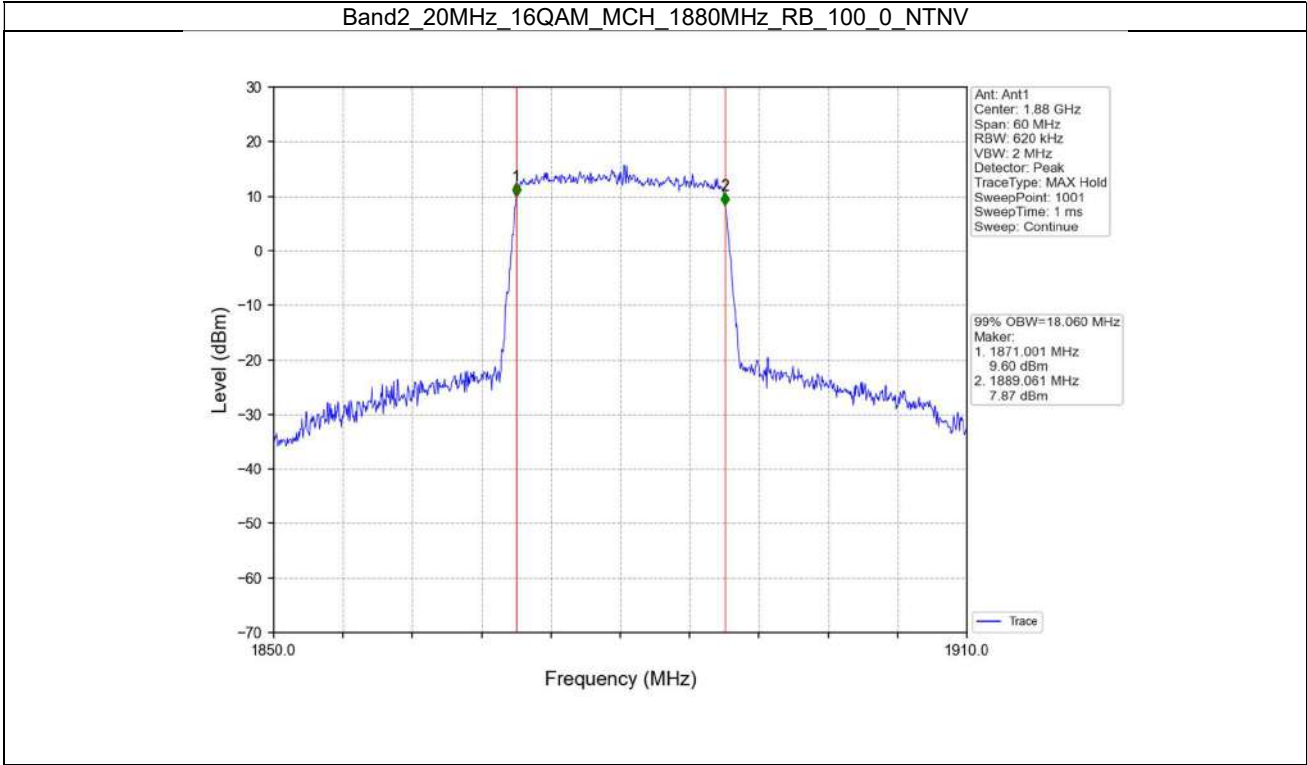
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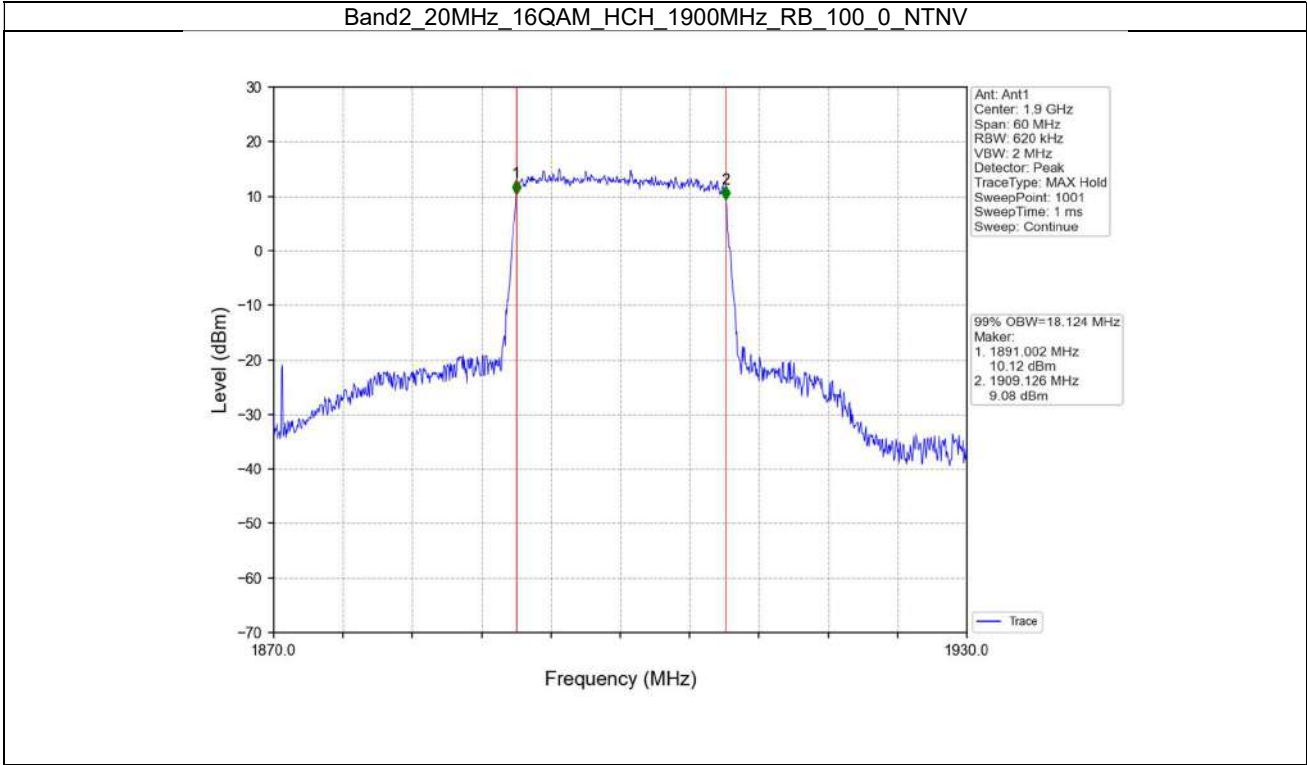
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4.2 Band2_XDB

4.2.1 Test Result

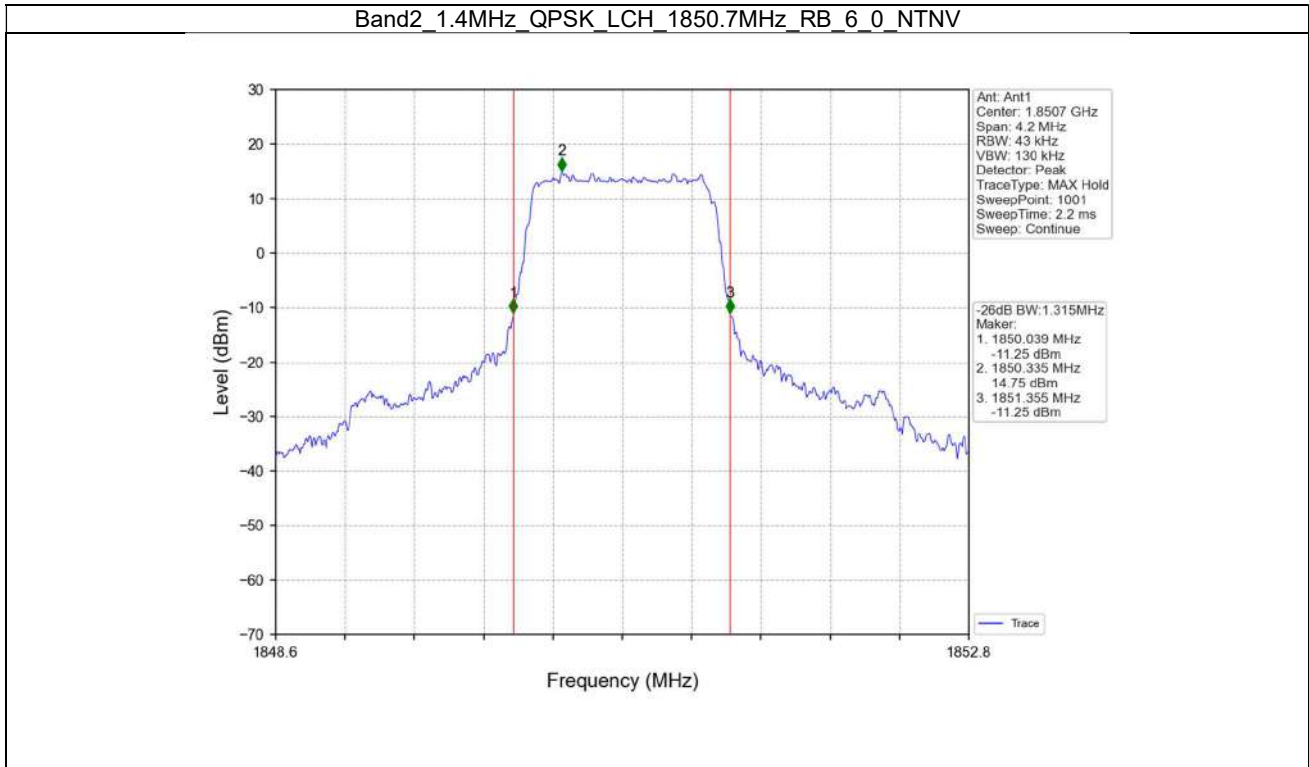
Band: 2 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1850.7	6	0	1.315	Pass
		1880	6	0	1.327	Pass
		1909.3	6	0	1.347	Pass
	16QAM	1850.7	6	0	1.329	Pass
		1880	6	0	1.304	Pass
		1909.3	6	0	1.312	Pass
3	QPSK	1851.5	15	0	3.068	Pass
		1880	15	0	3.048	Pass
		1908.5	15	0	3.060	Pass
	16QAM	1851.5	15	0	3.016	Pass
		1880	15	0	3.069	Pass
		1908.5	15	0	3.058	Pass
5	QPSK	1852.5	25	0	5.080	Pass
		1880	25	0	5.067	Pass
		1907.5	25	0	5.073	Pass
	16QAM	1852.5	25	0	5.106	Pass
		1880	25	0	5.111	Pass
		1907.5	25	0	5.039	Pass
10	QPSK	1855	50	0	10.080	Pass
		1880	50	0	10.032	Pass
		1905	50	0	10.084	Pass
	16QAM	1855	50	0	10.032	Pass
		1880	50	0	9.993	Pass
		1905	50	0	9.971	Pass
15	QPSK	1857.5	75	0	15.042	Pass
		1880	75	0	14.878	Pass
		1902.5	75	0	15.037	Pass
	16QAM	1857.5	75	0	15.131	Pass
		1880	75	0	14.978	Pass
		1902.5	75	0	14.946	Pass
20	QPSK	1860	100	0	20.014	Pass
		1880	100	0	19.772	Pass
		1900	100	0	19.676	Pass
	16QAM	1860	100	0	19.791	Pass
		1880	100	0	19.861	Pass
		1900	100	0	19.868	Pass



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4.2.2 Test Graph



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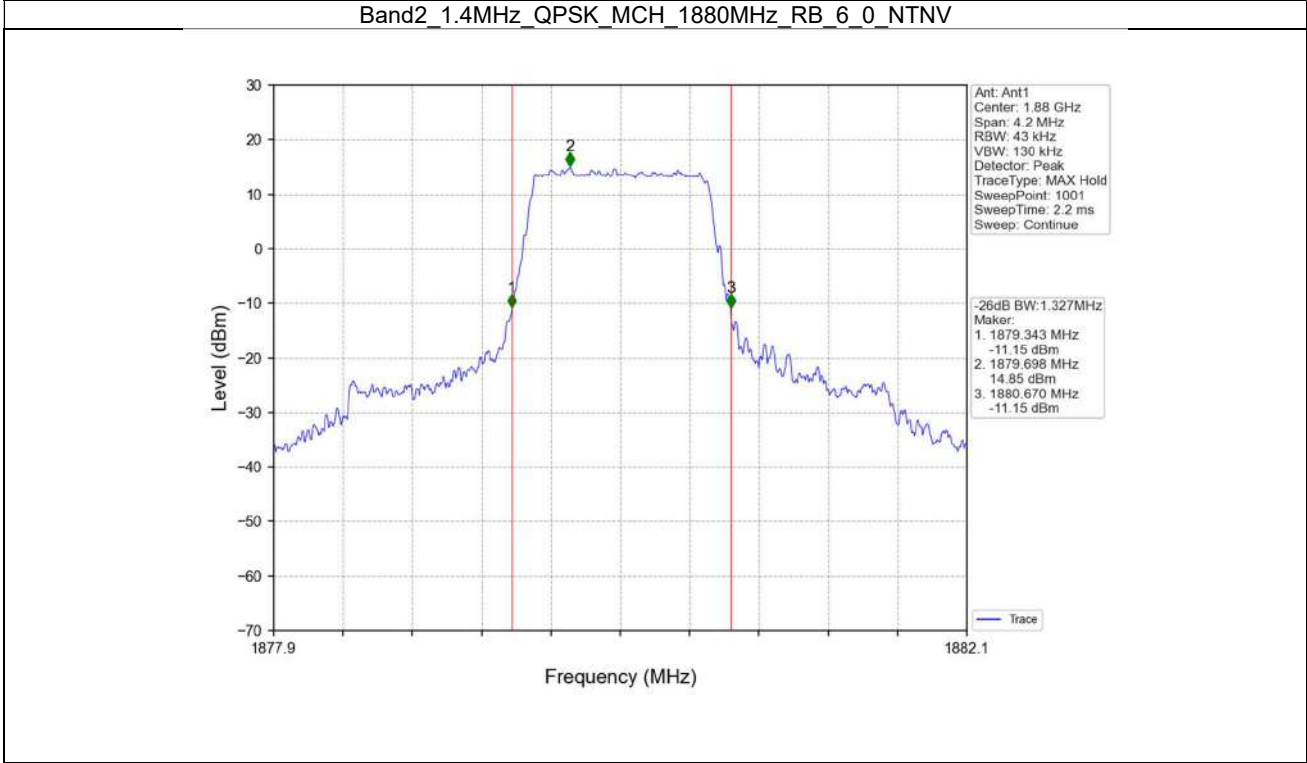
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

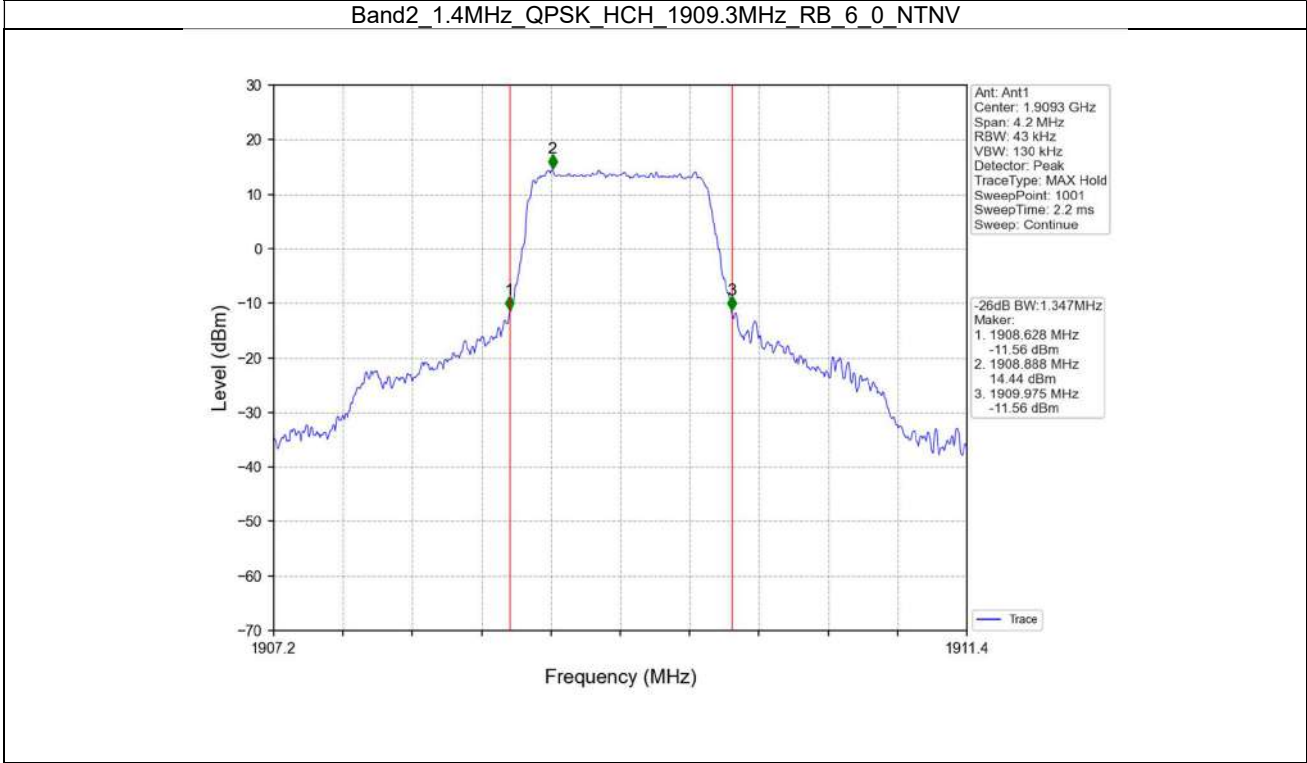


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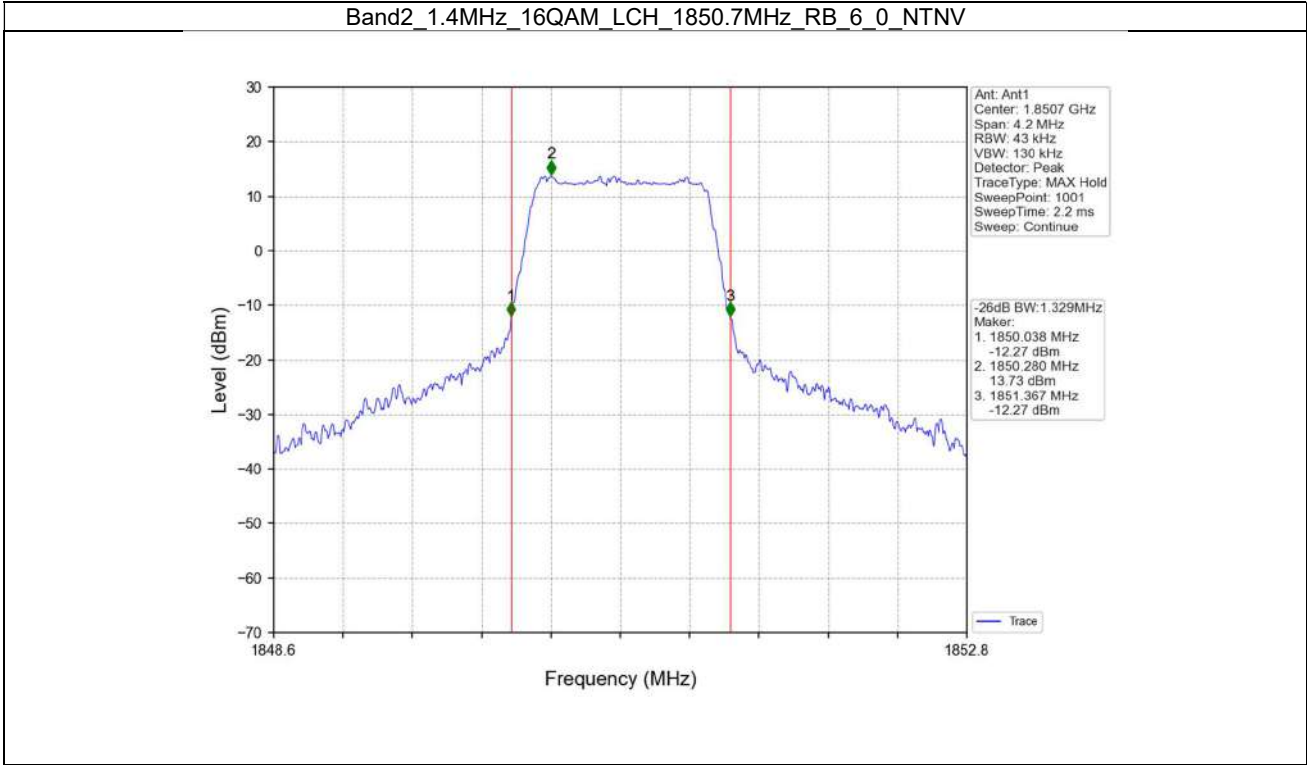
Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



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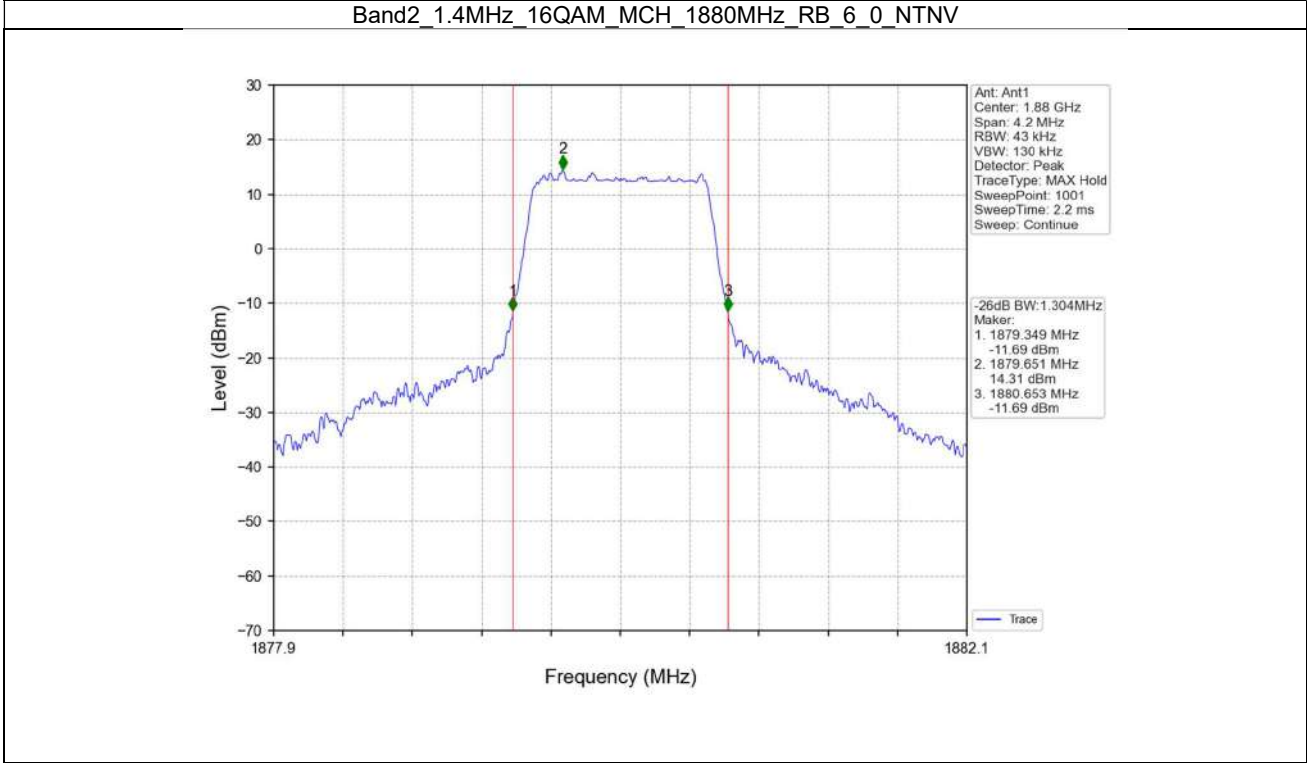
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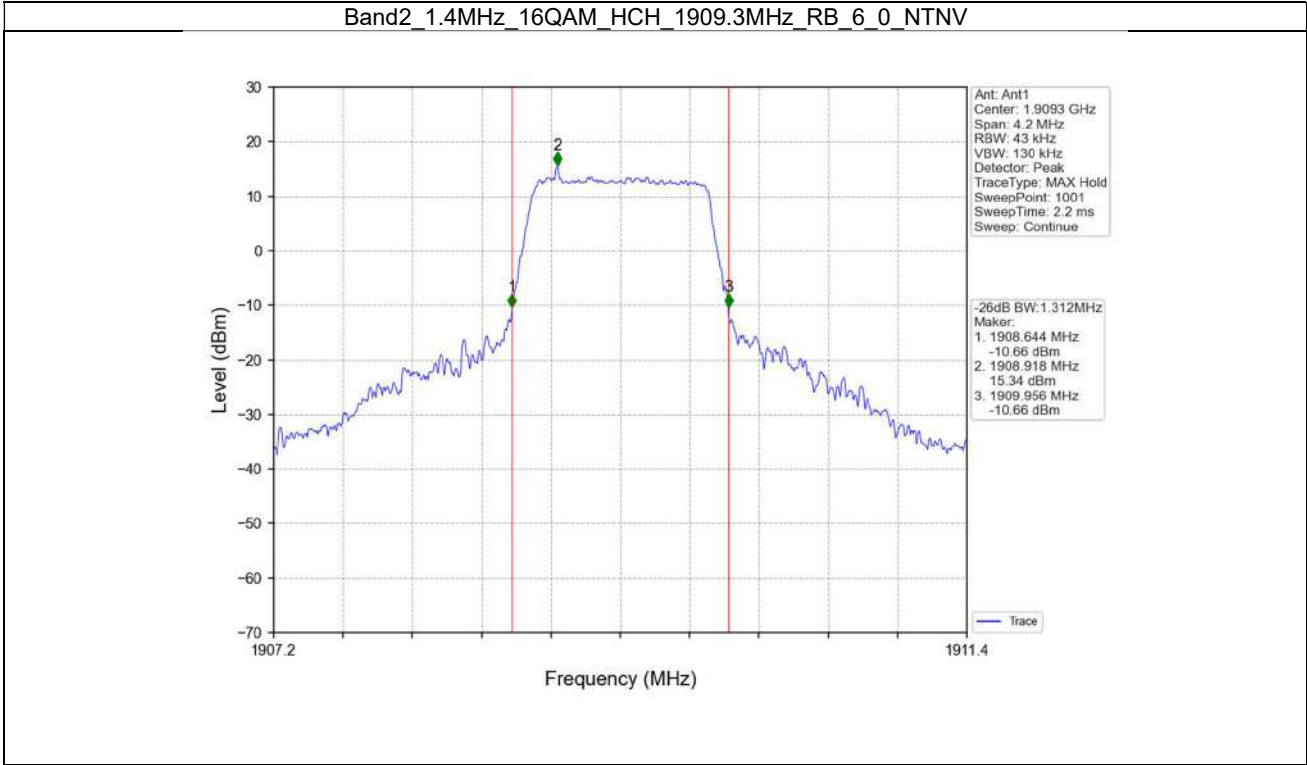
Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



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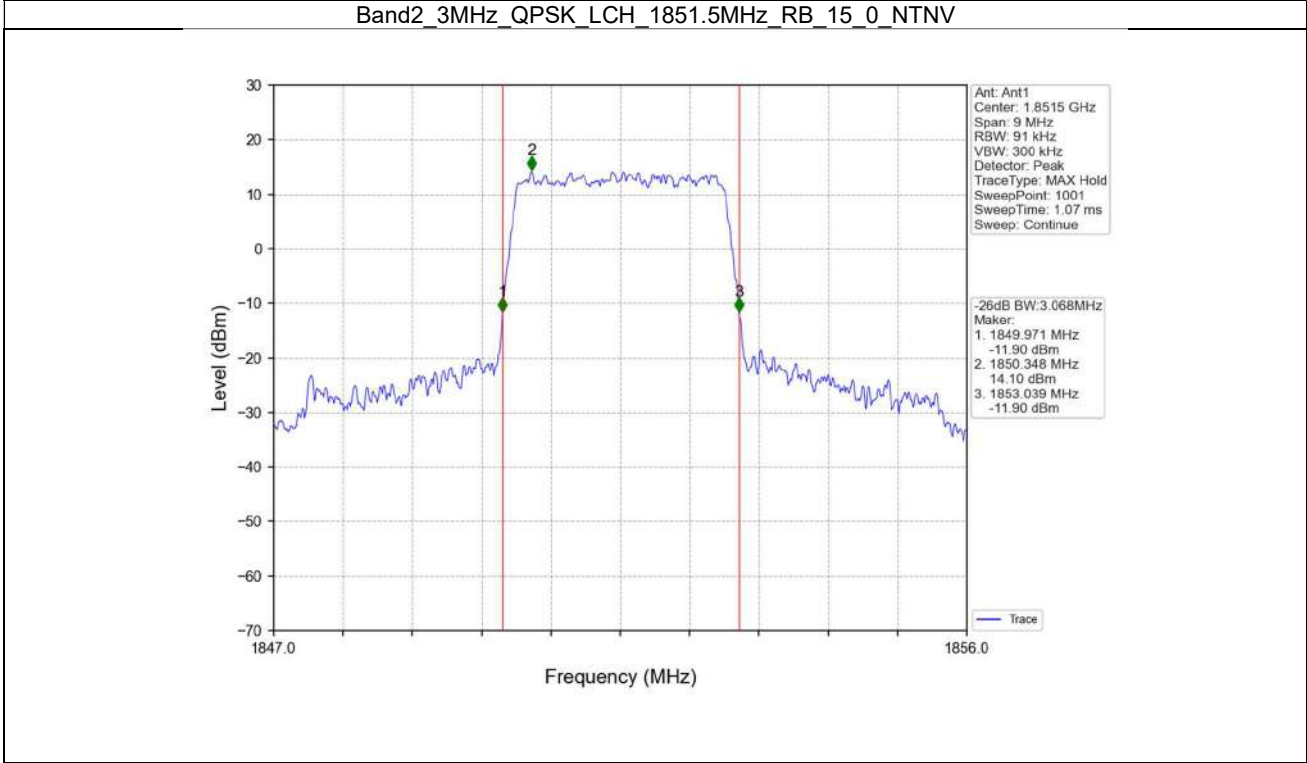


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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV

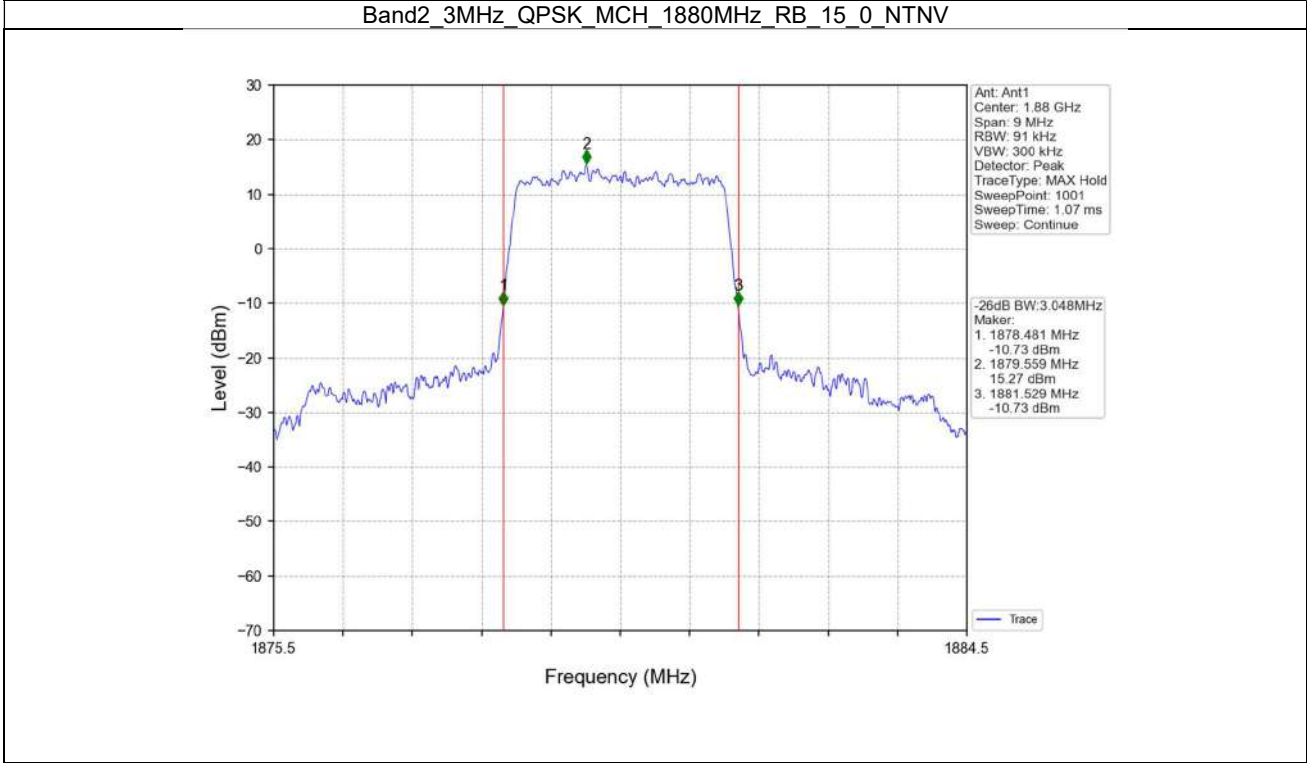


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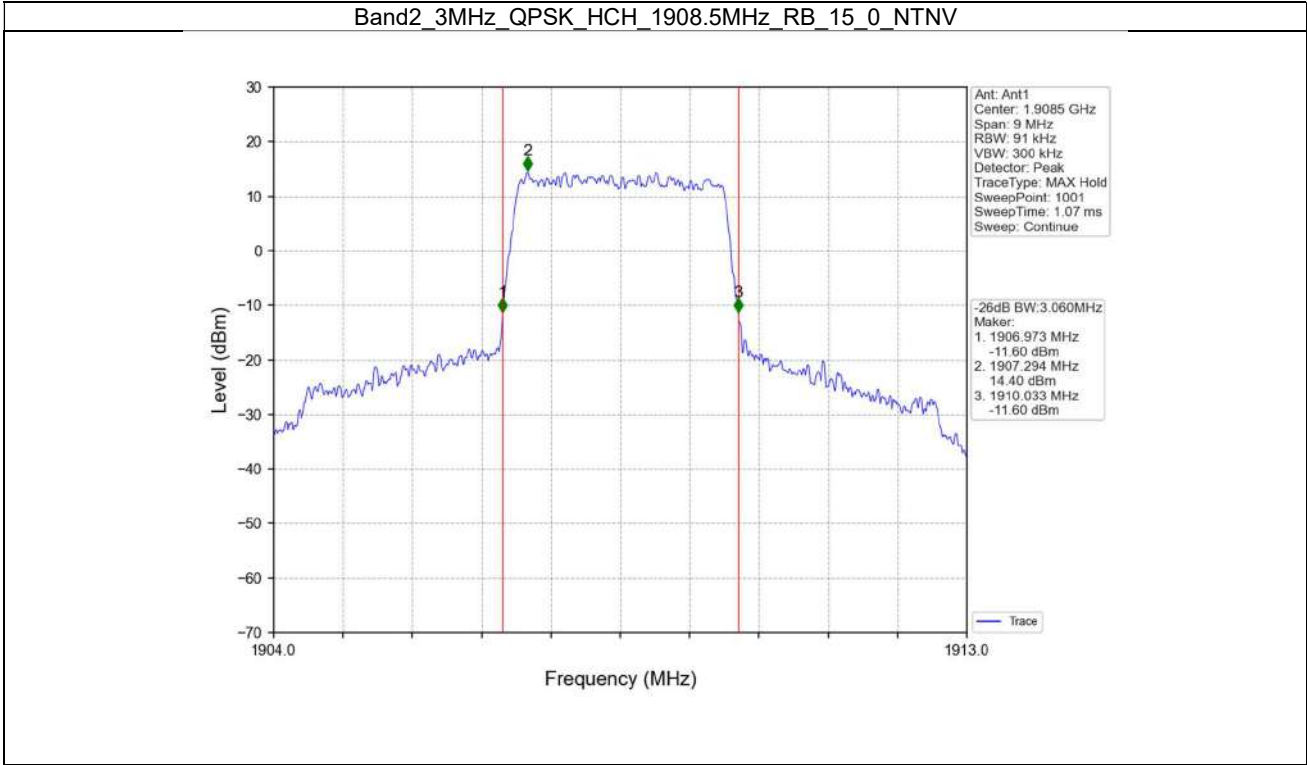
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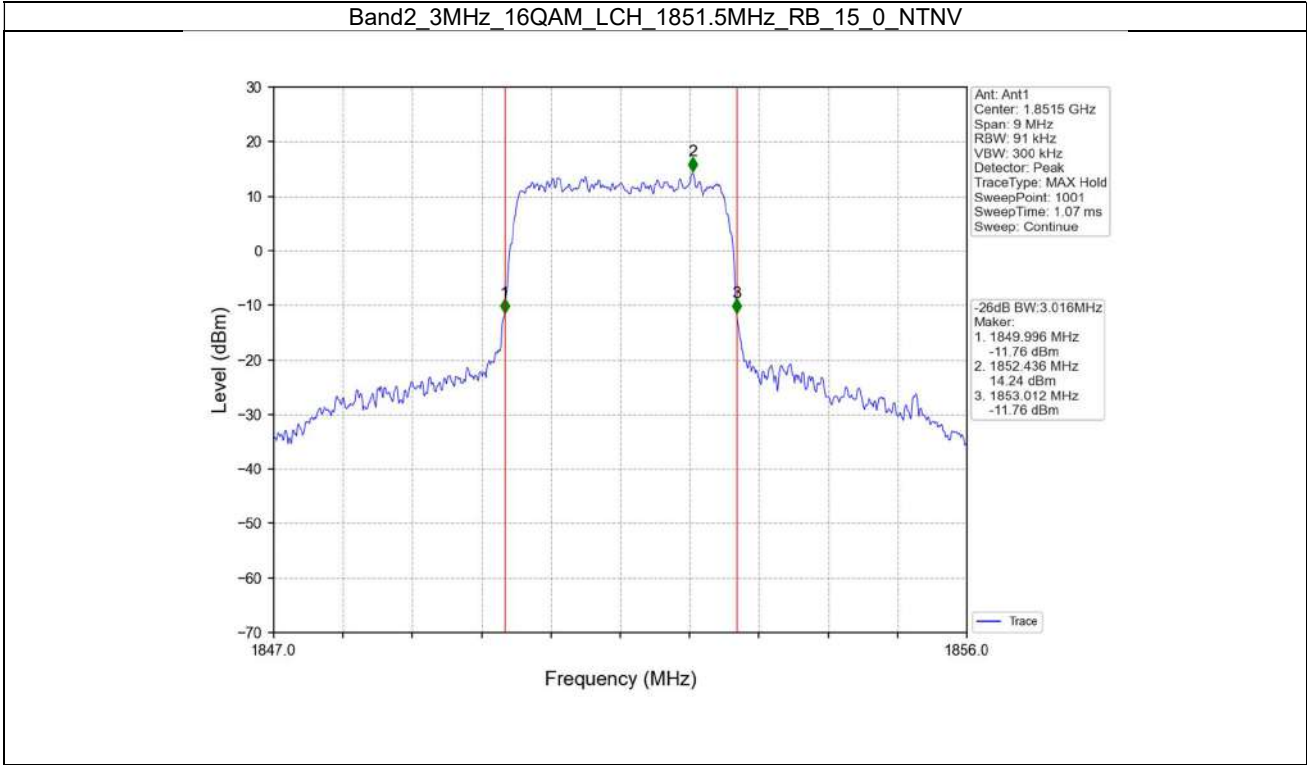
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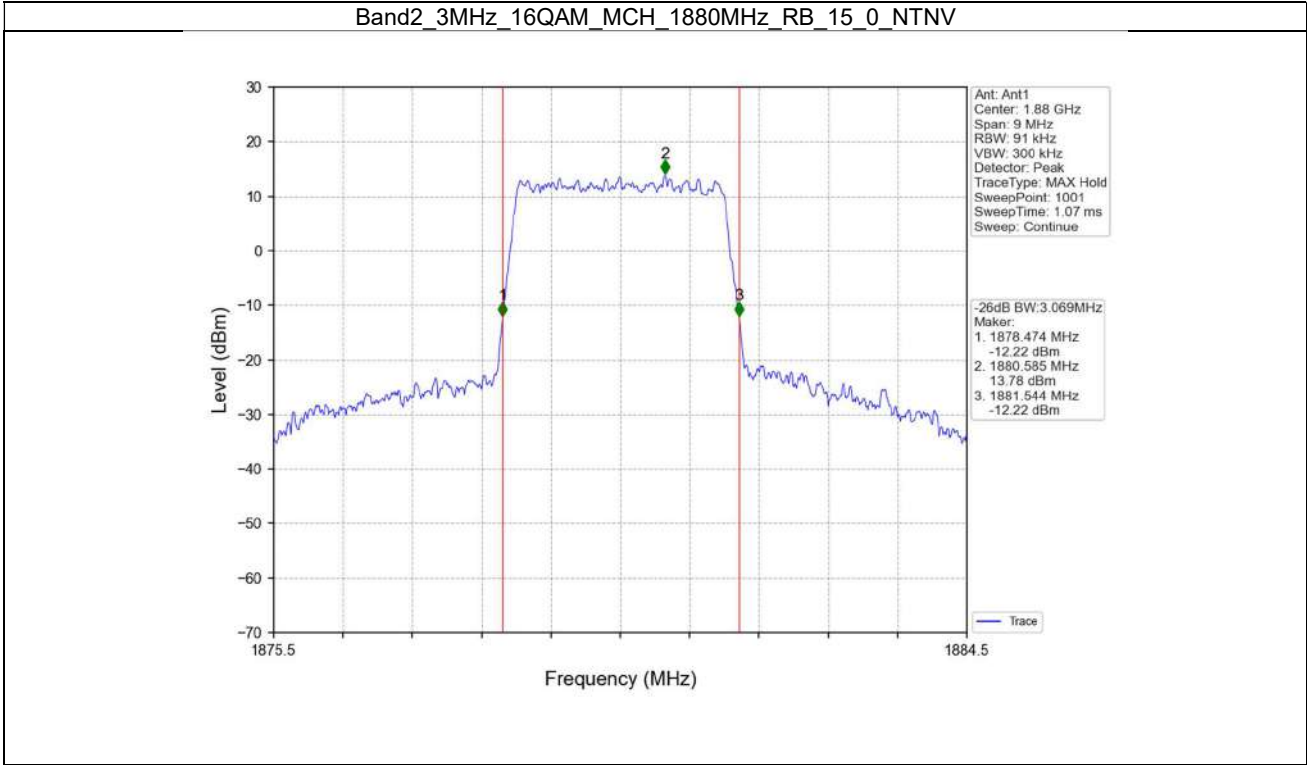
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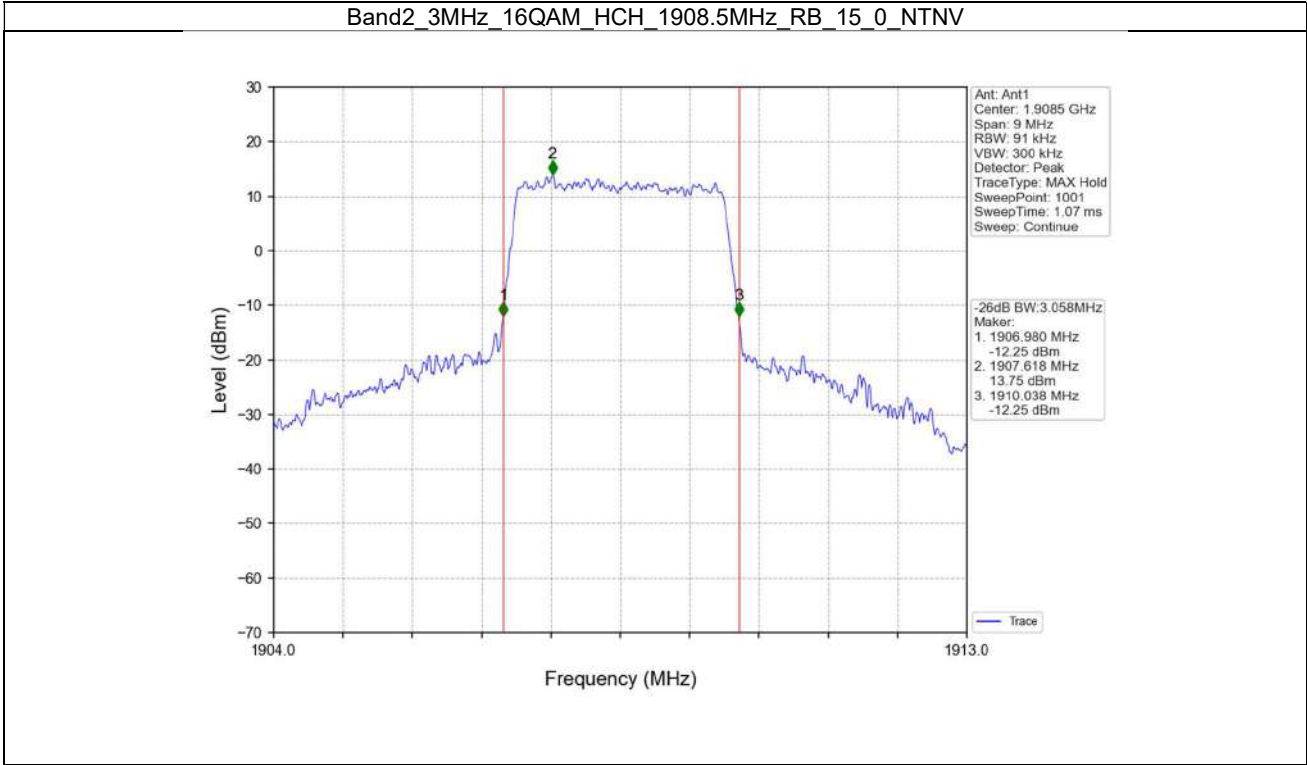
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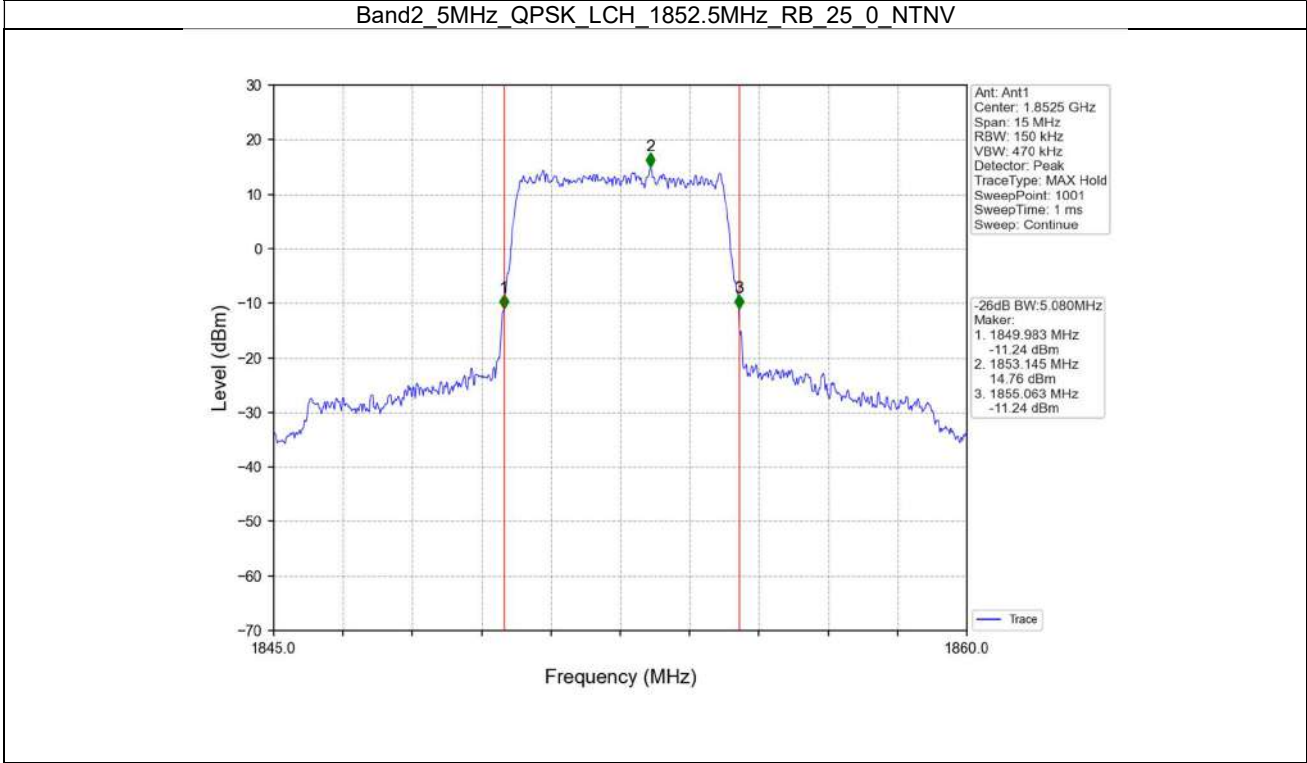


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Band2_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV

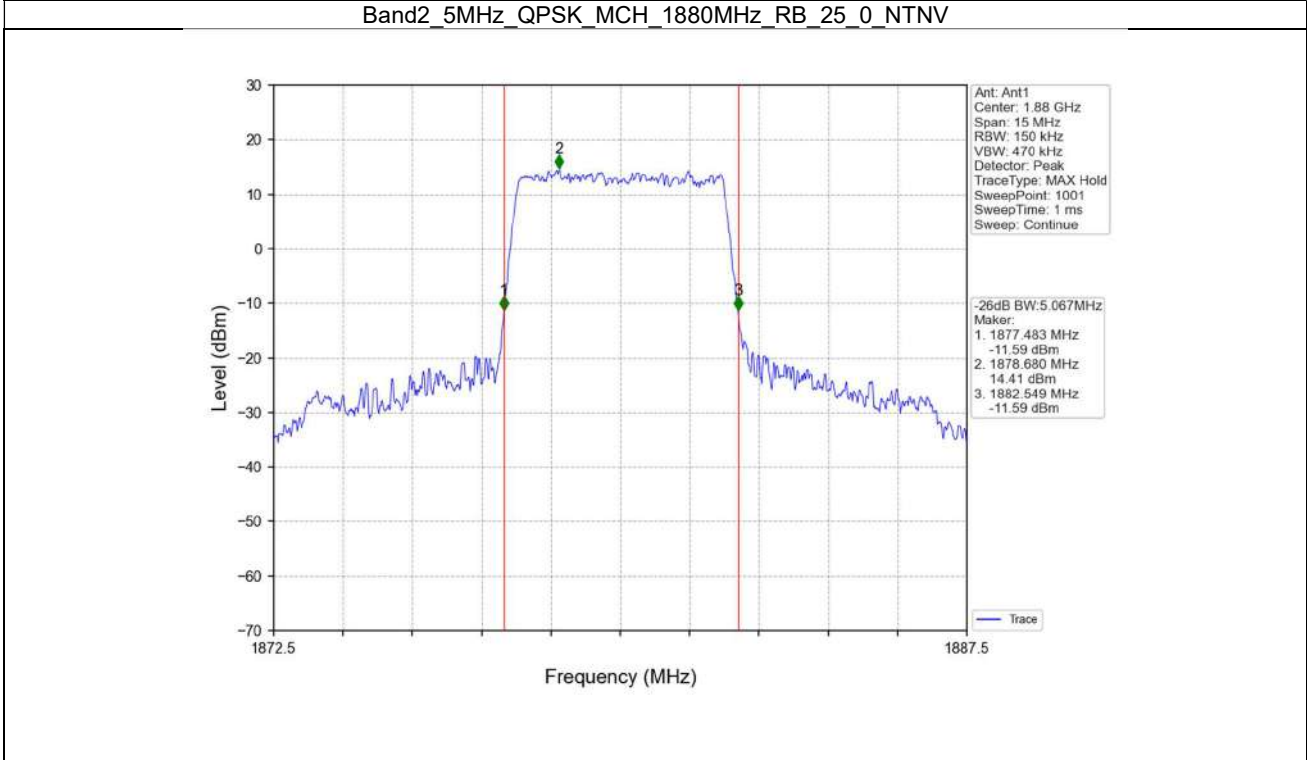


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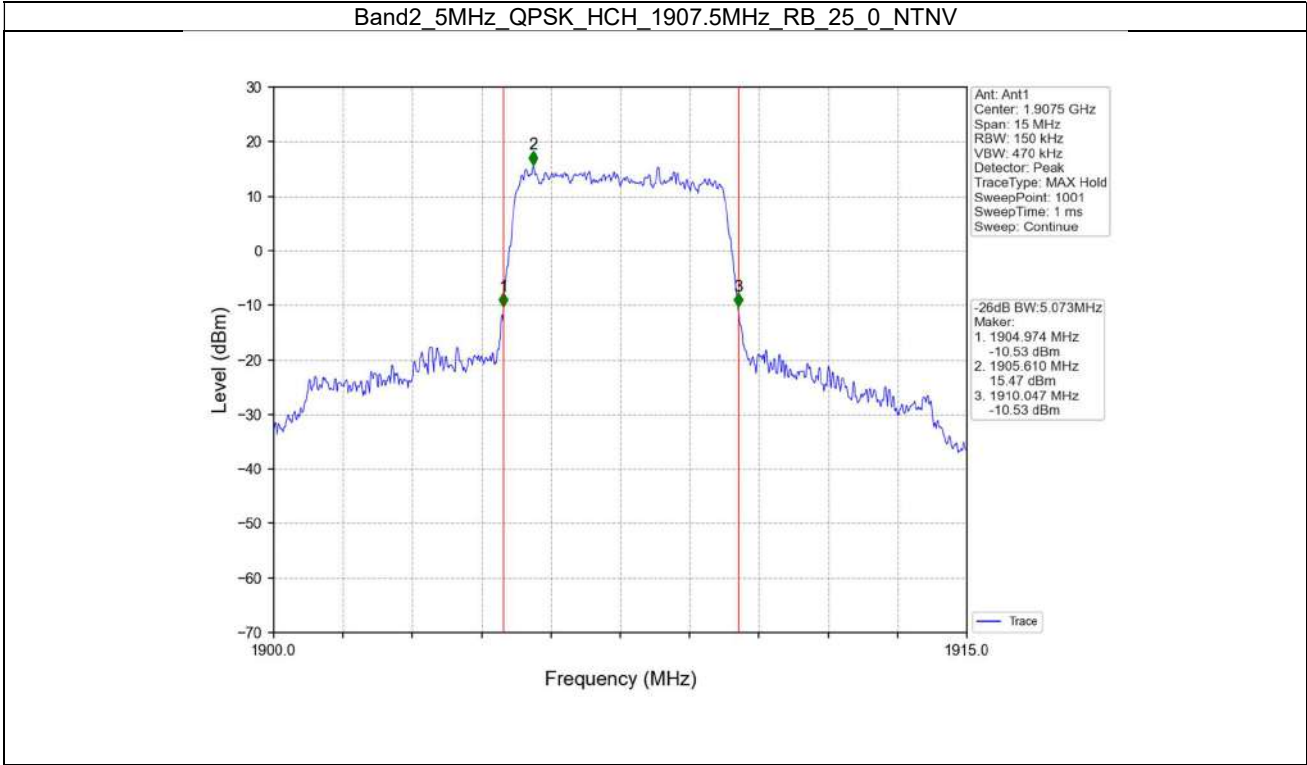
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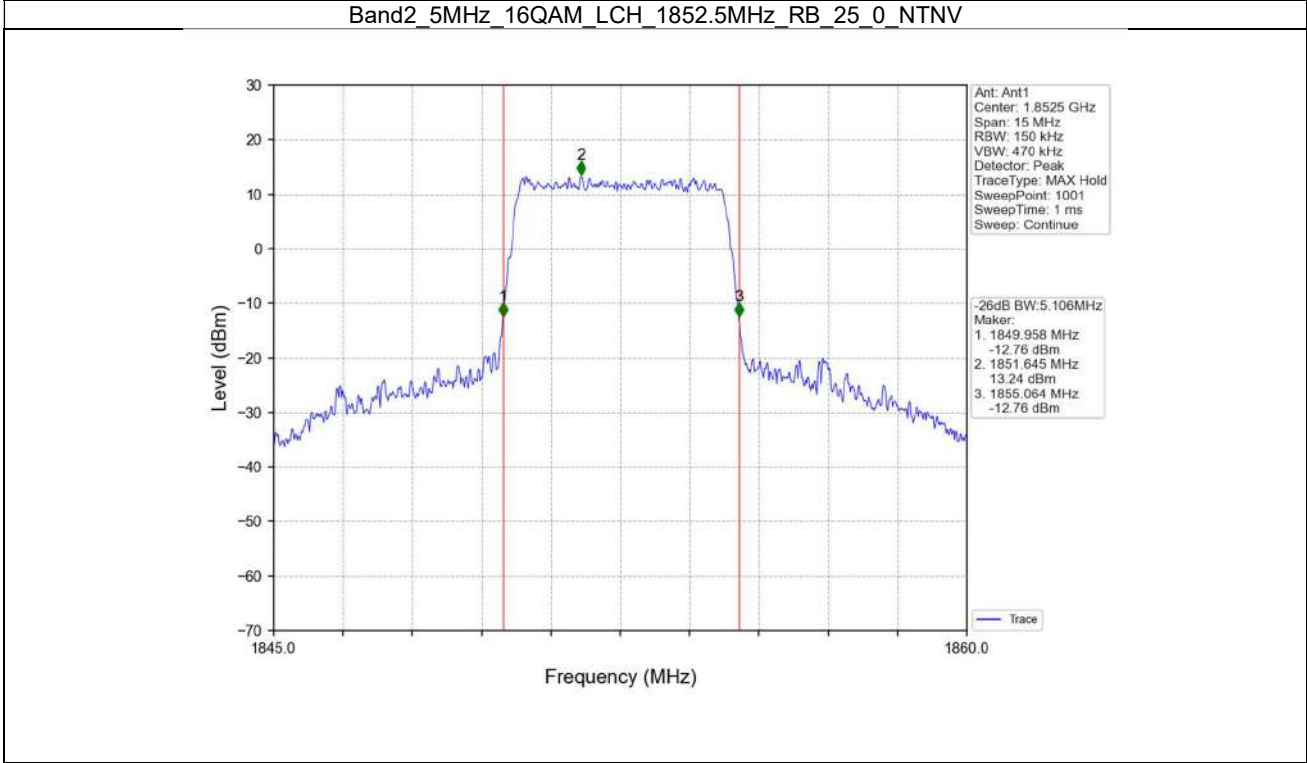


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Band2_5MHz_16QAM_LCH_1852.5MHz_RB_25_0_NTNV

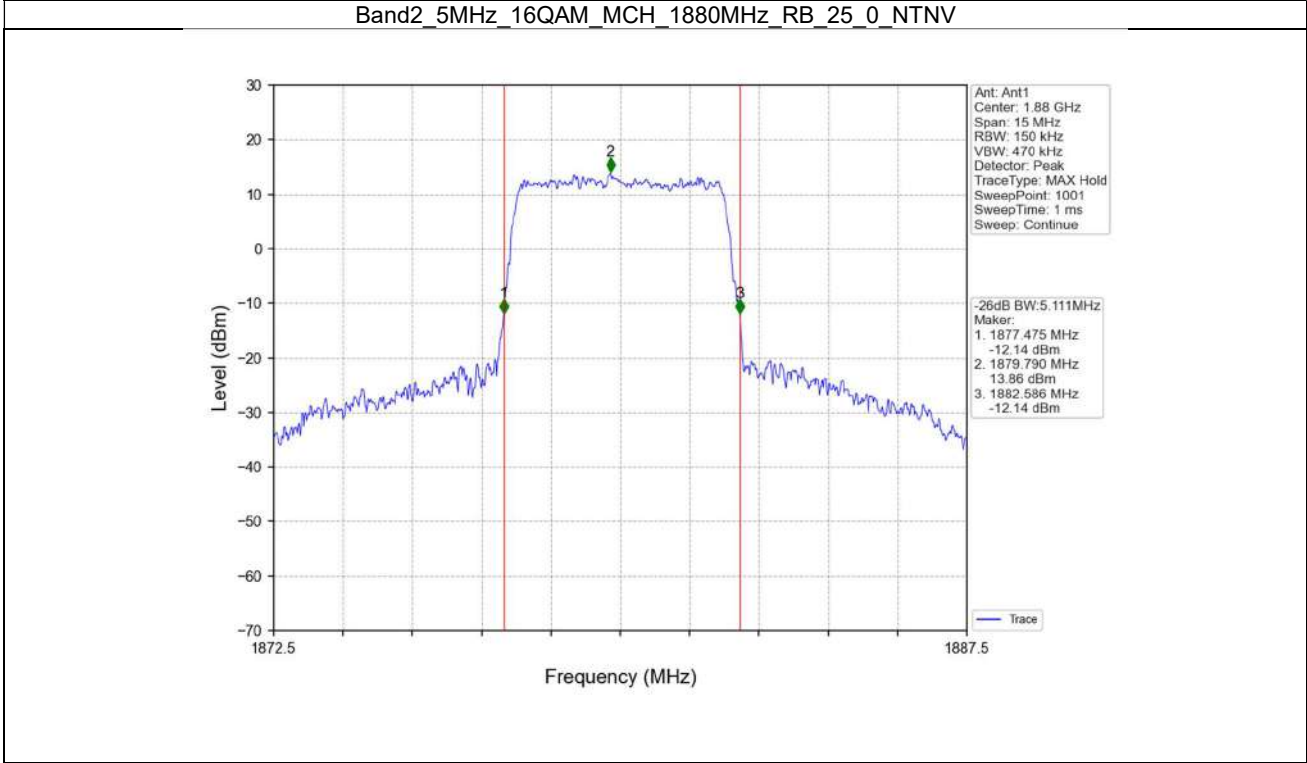


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Band2_5MHz_16QAM_MCH_1880MHz_RB_25_0_NTNV



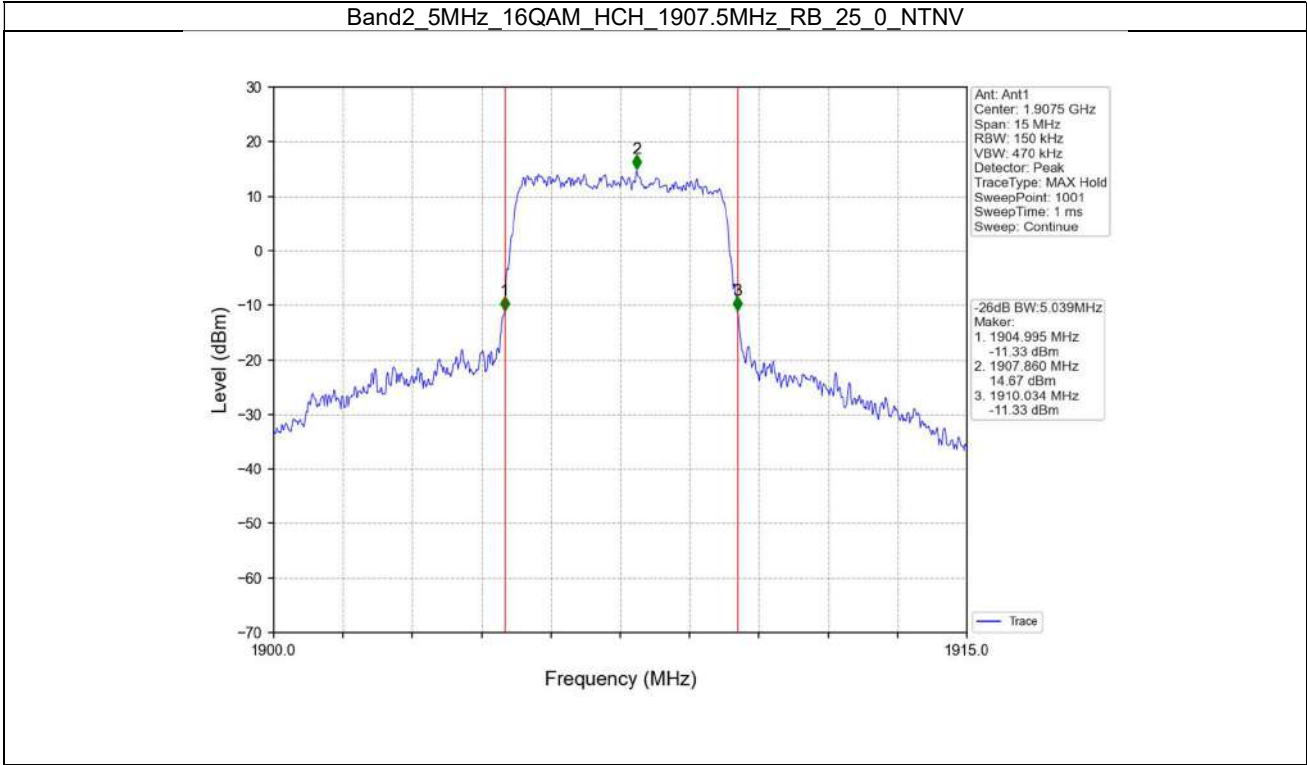
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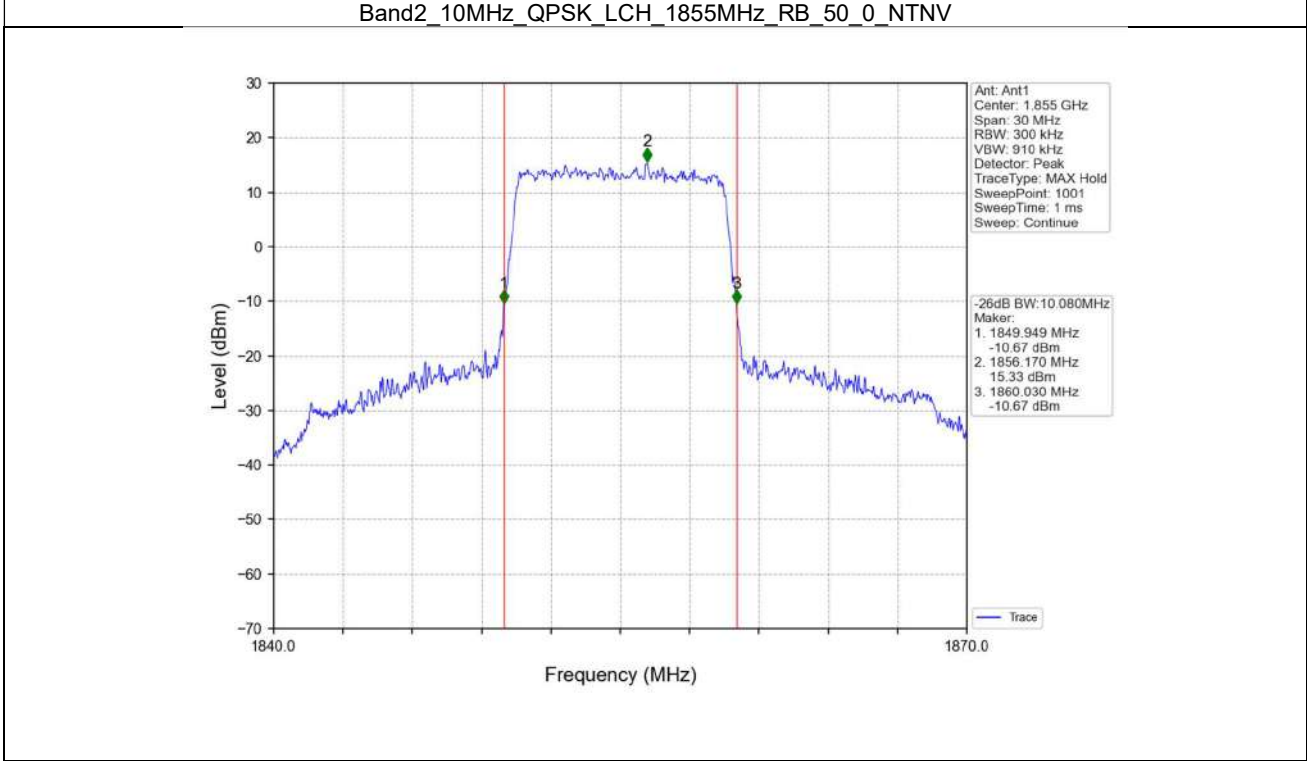


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Band2_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV

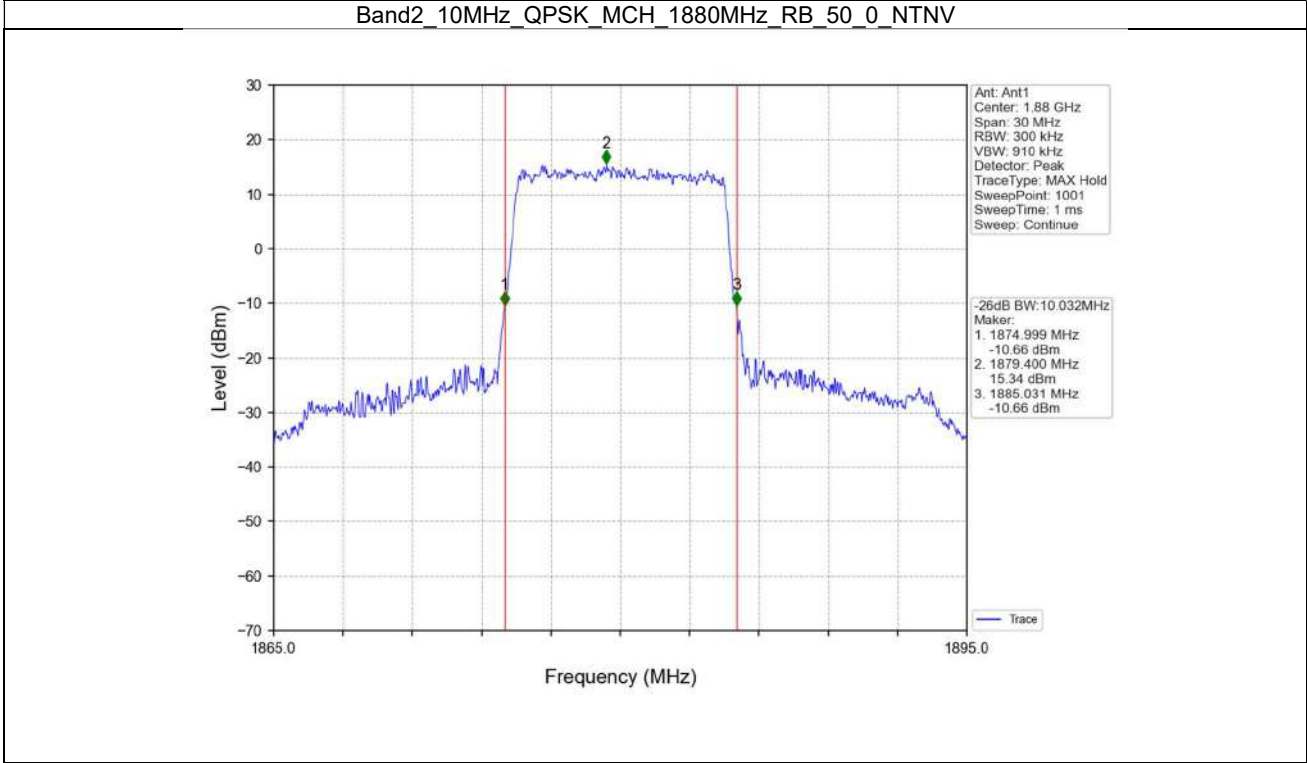


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Band2_10MHz_QPSK_MCH_1880MHz_RB_50_0_NTNV

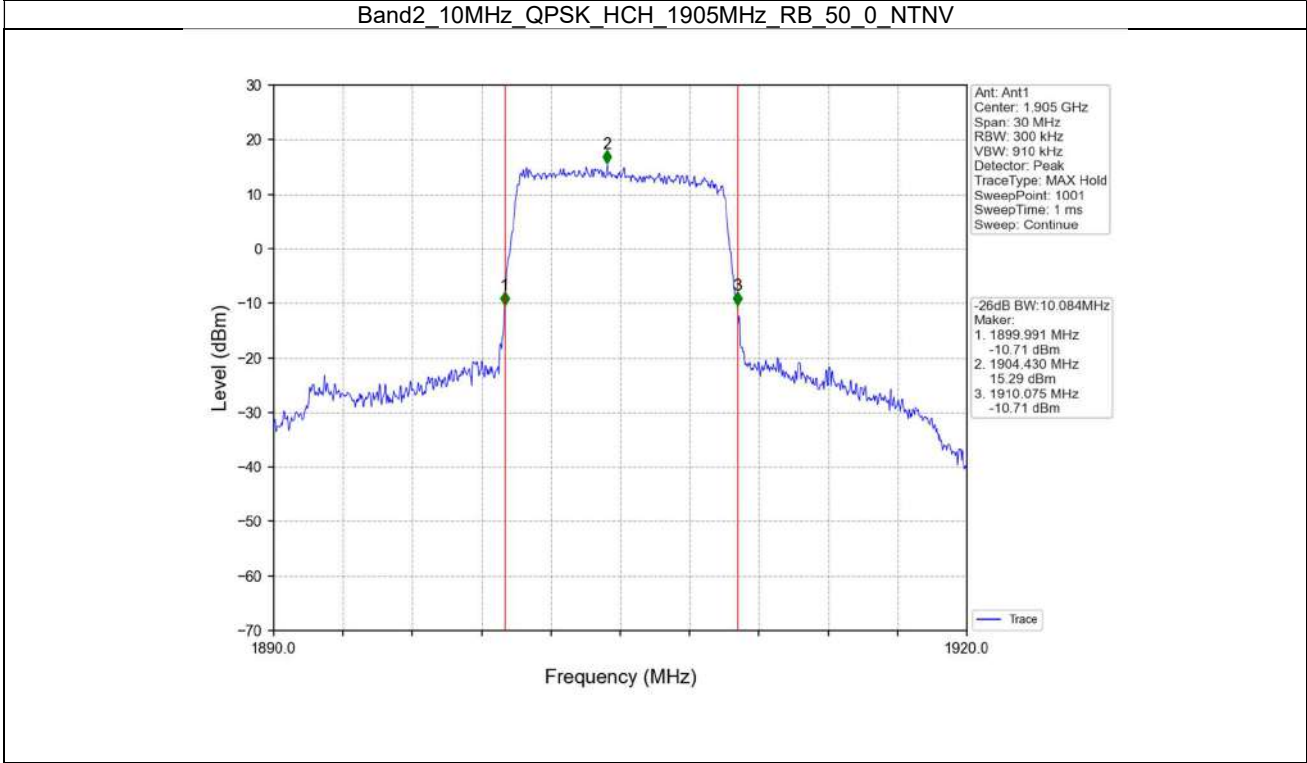


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Band2_10MHz_QPSK_HCH_1905MHz_RB_50_0_NTNV

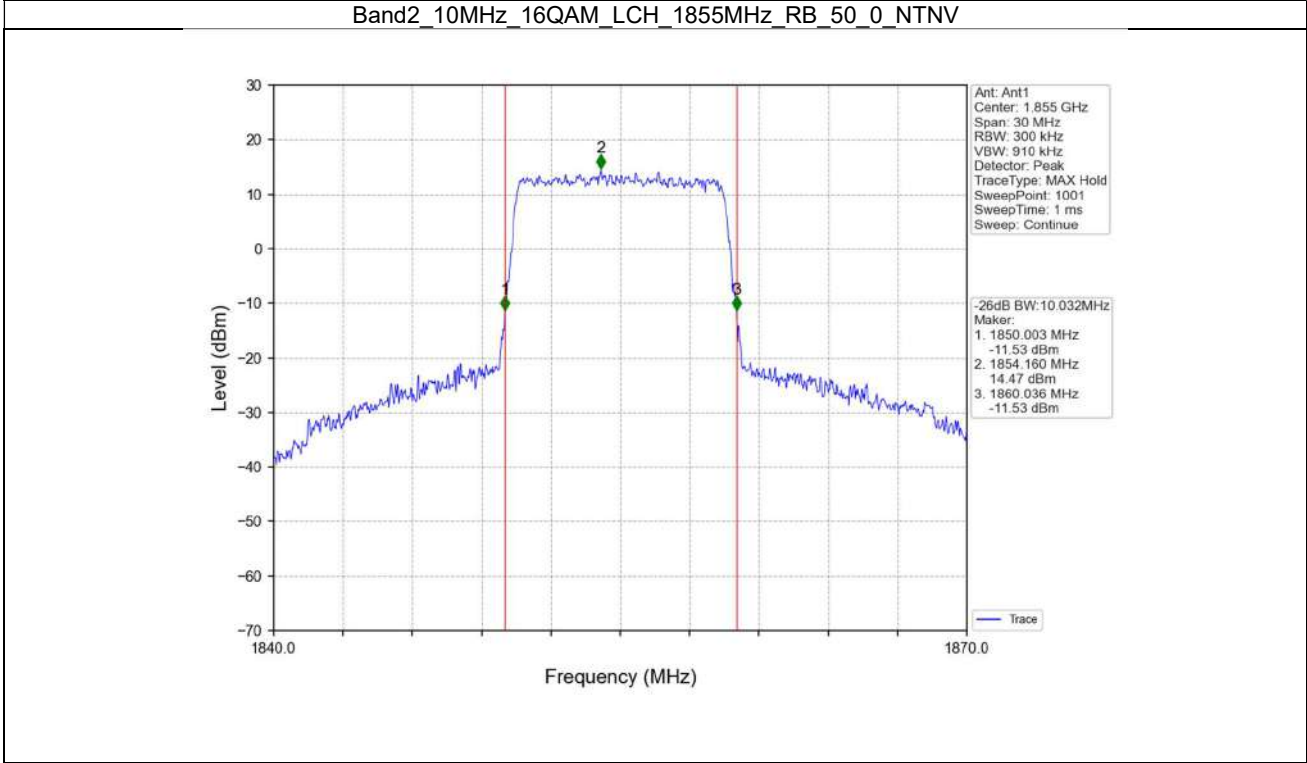


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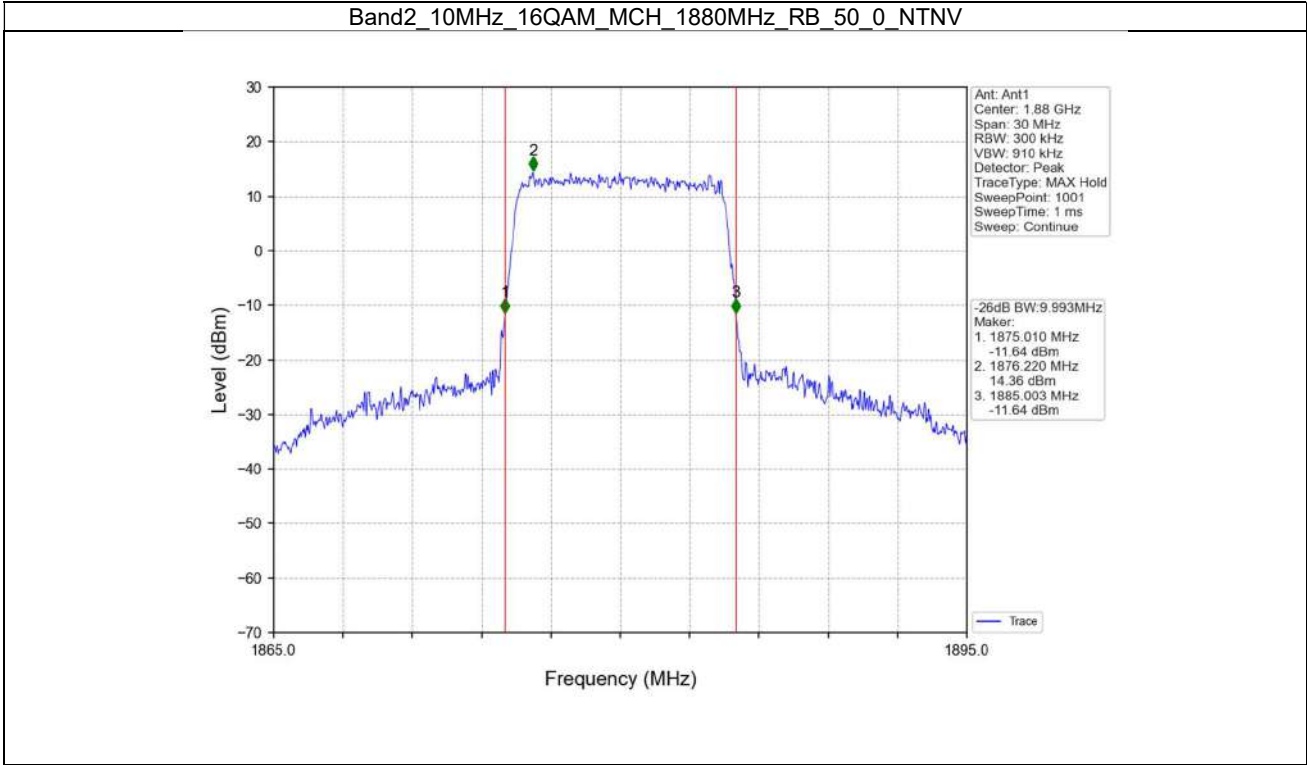
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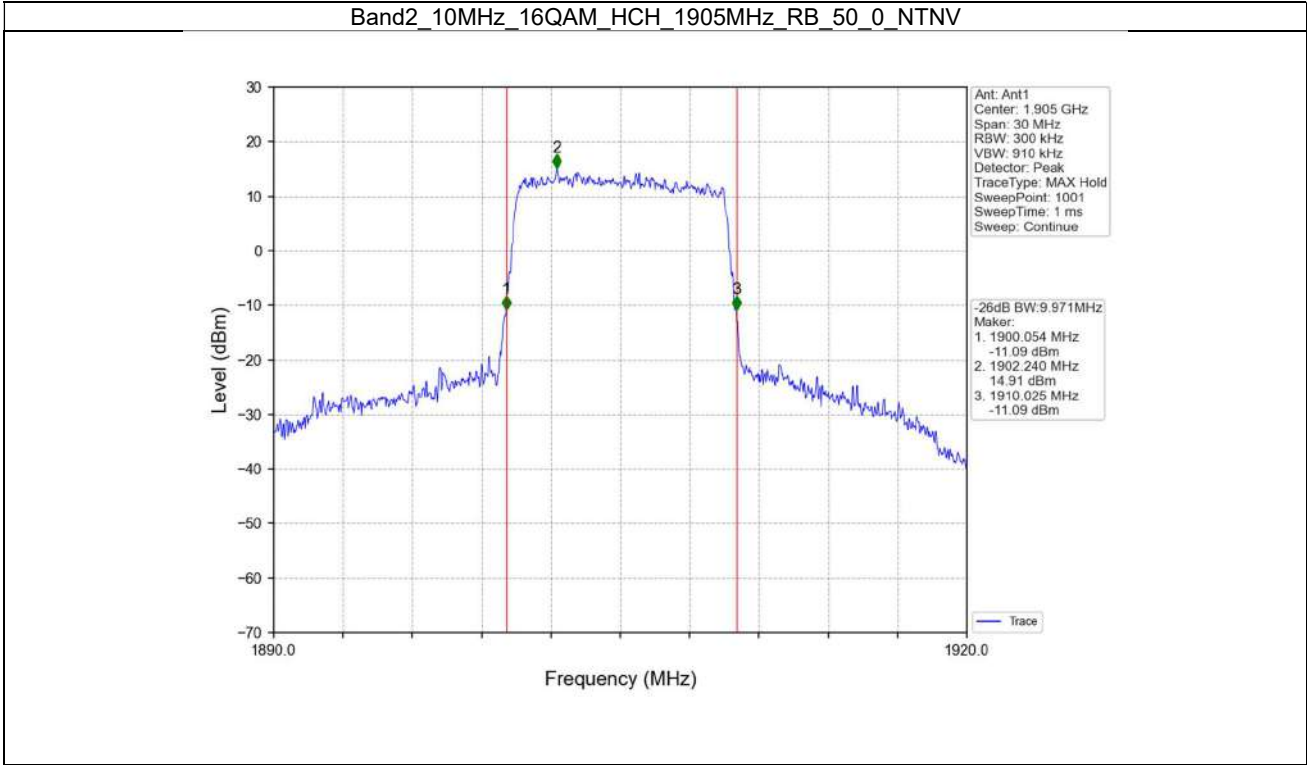
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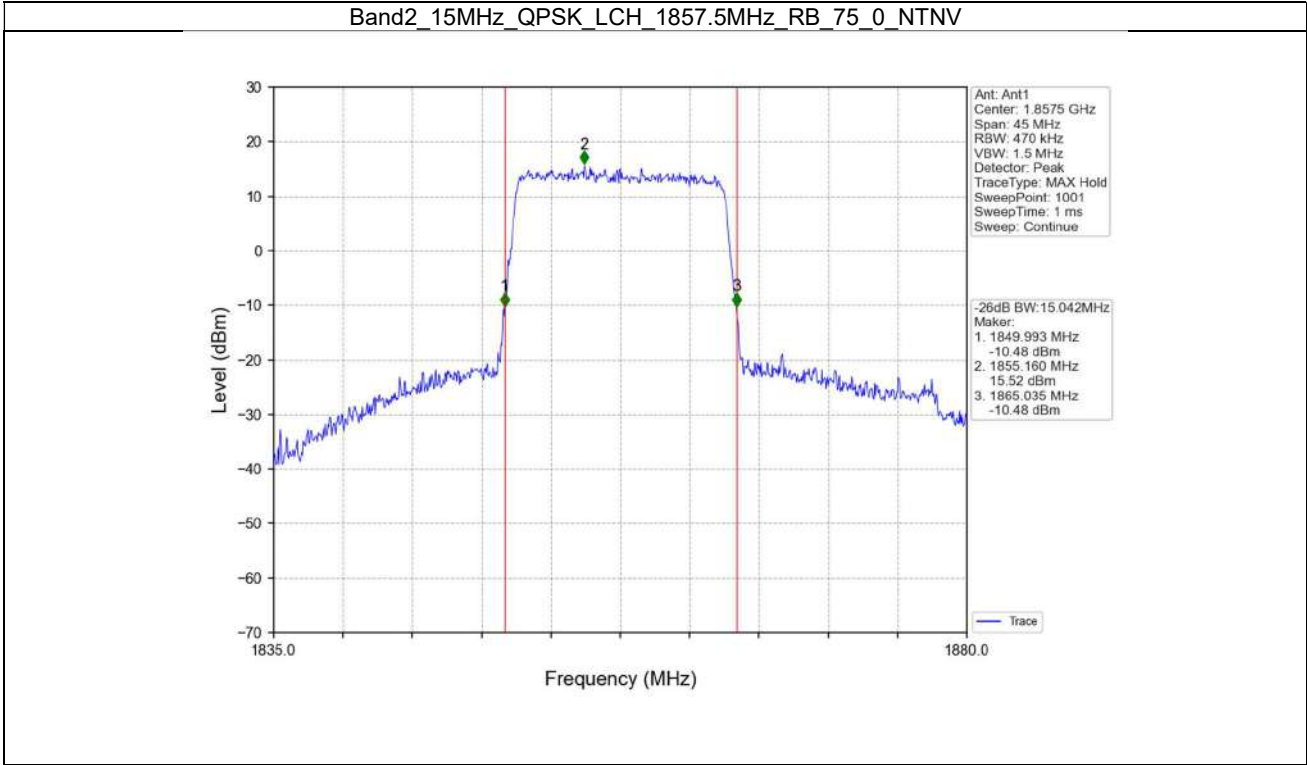
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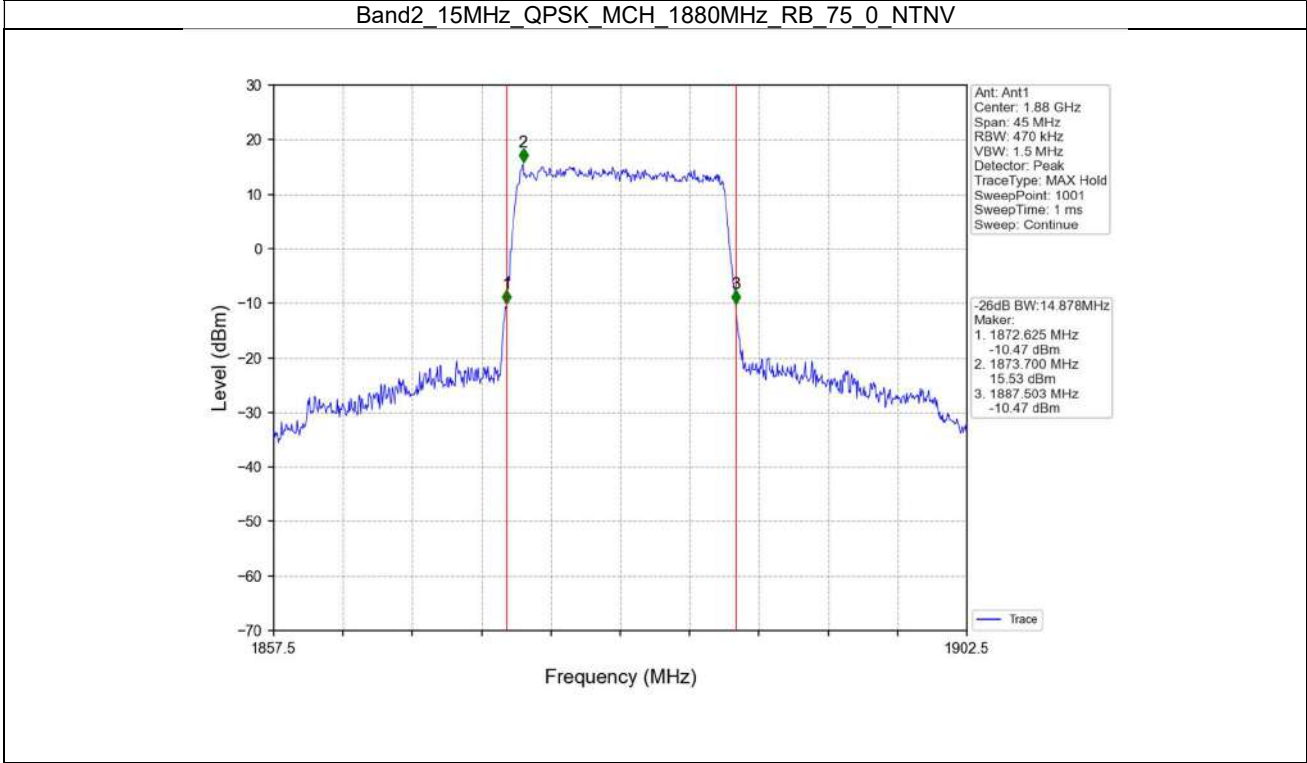


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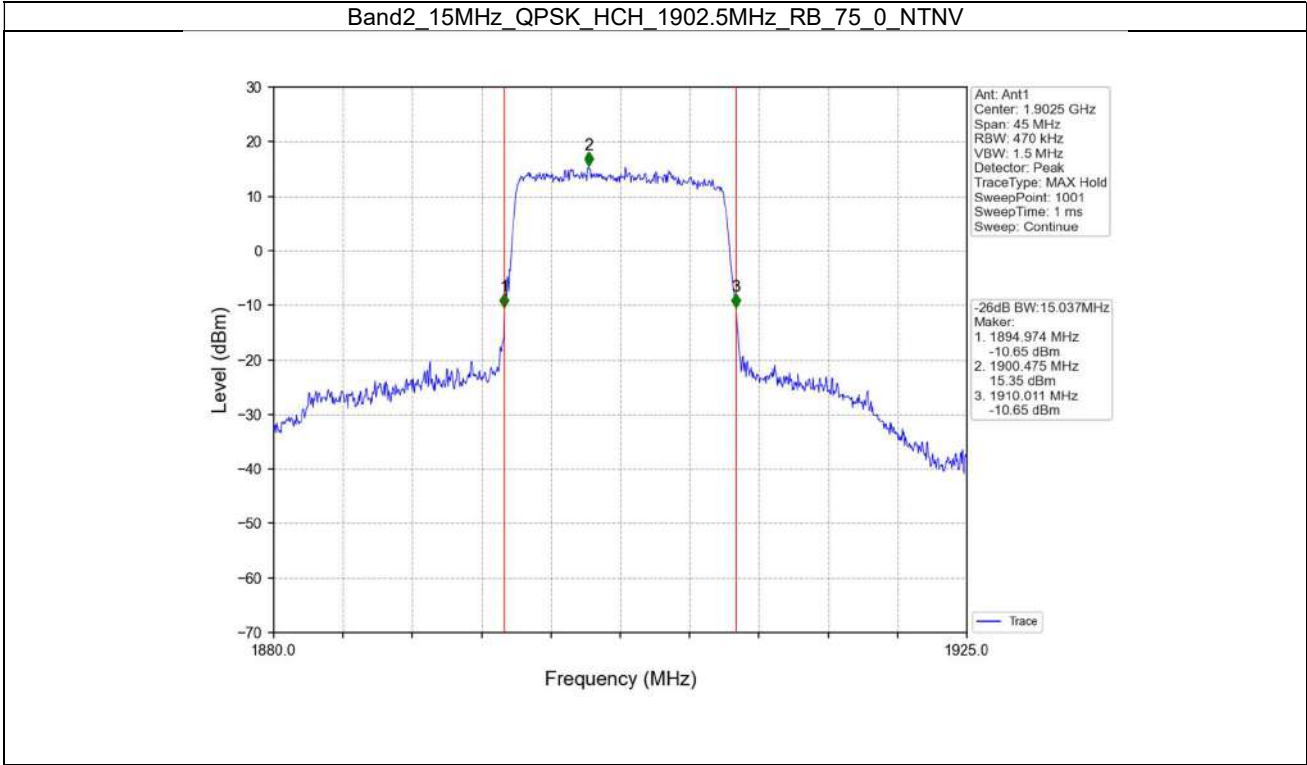
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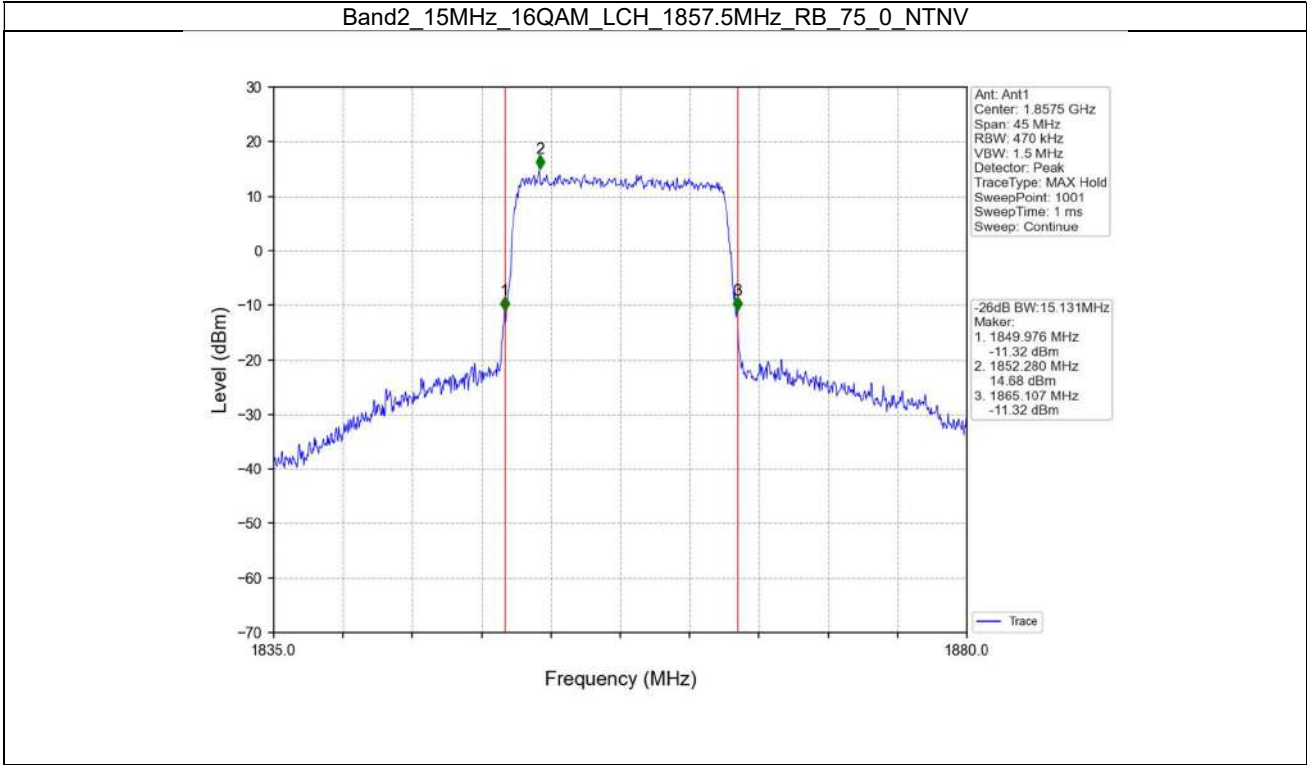
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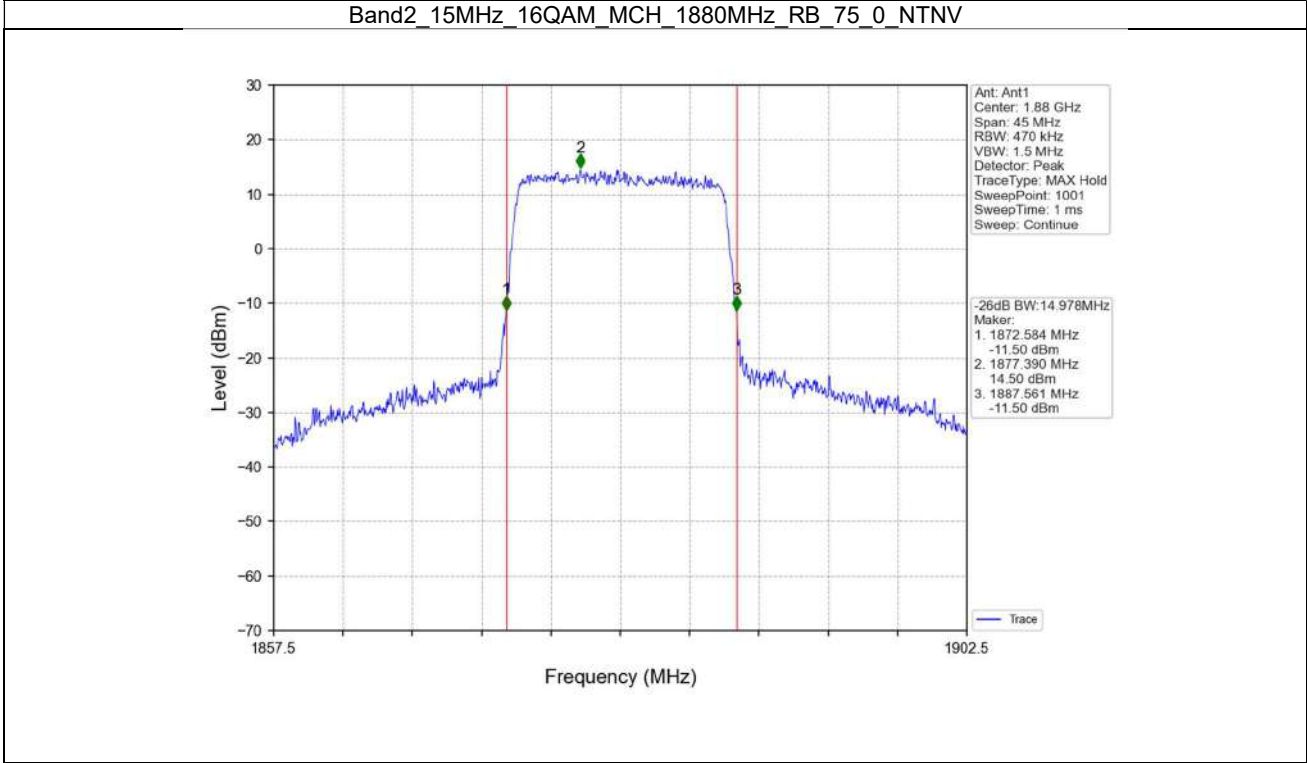


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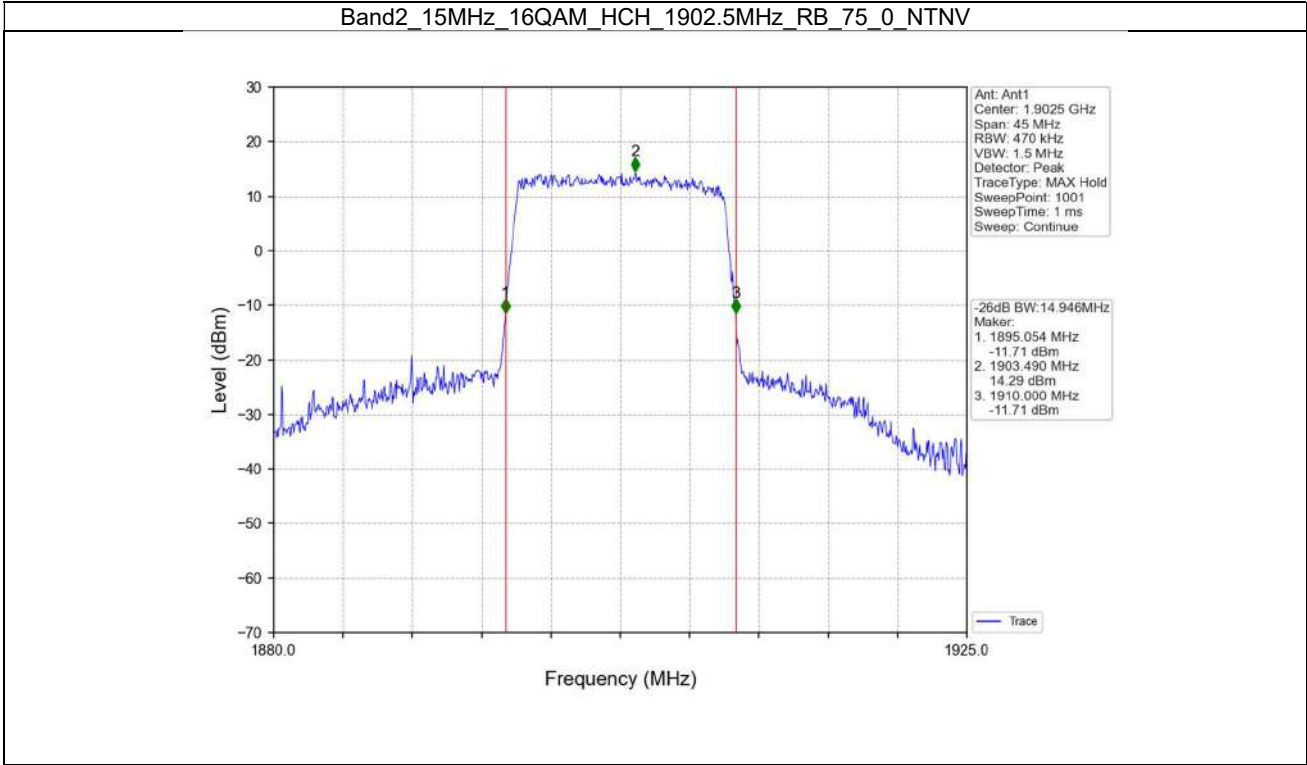
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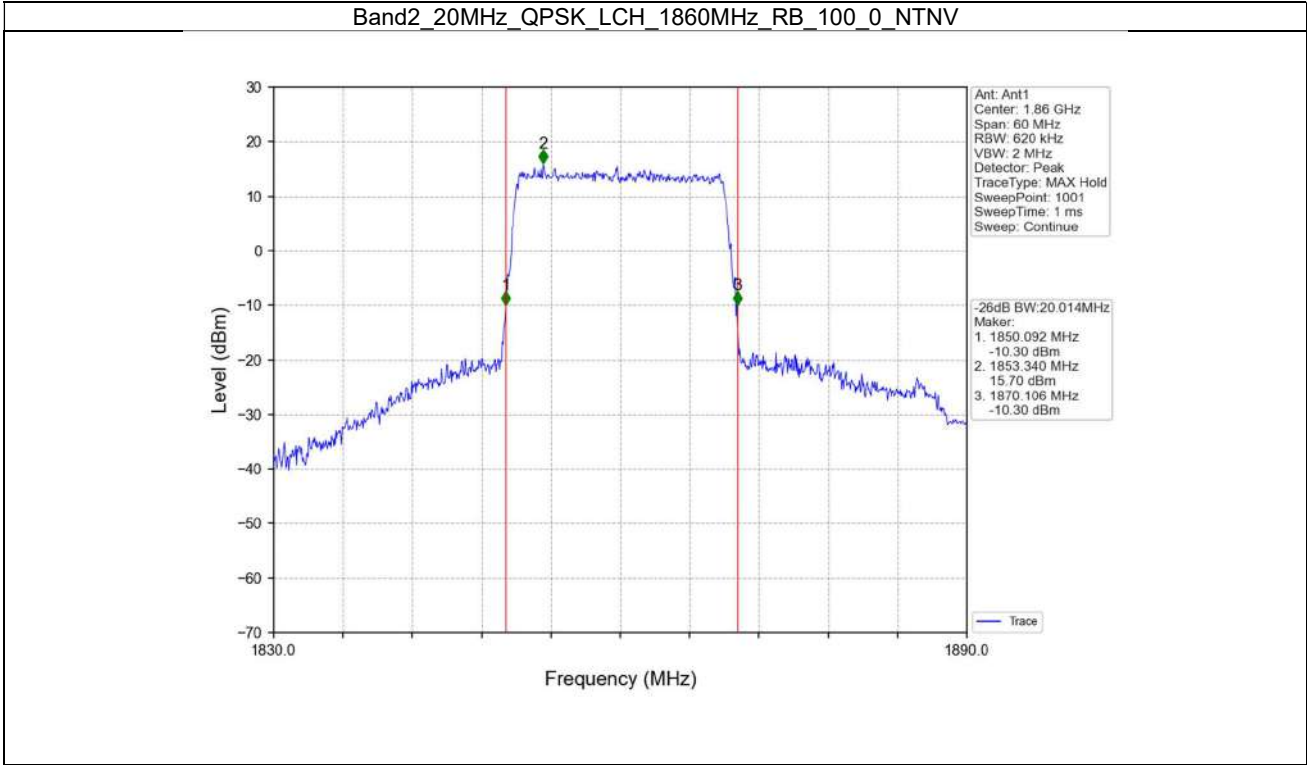
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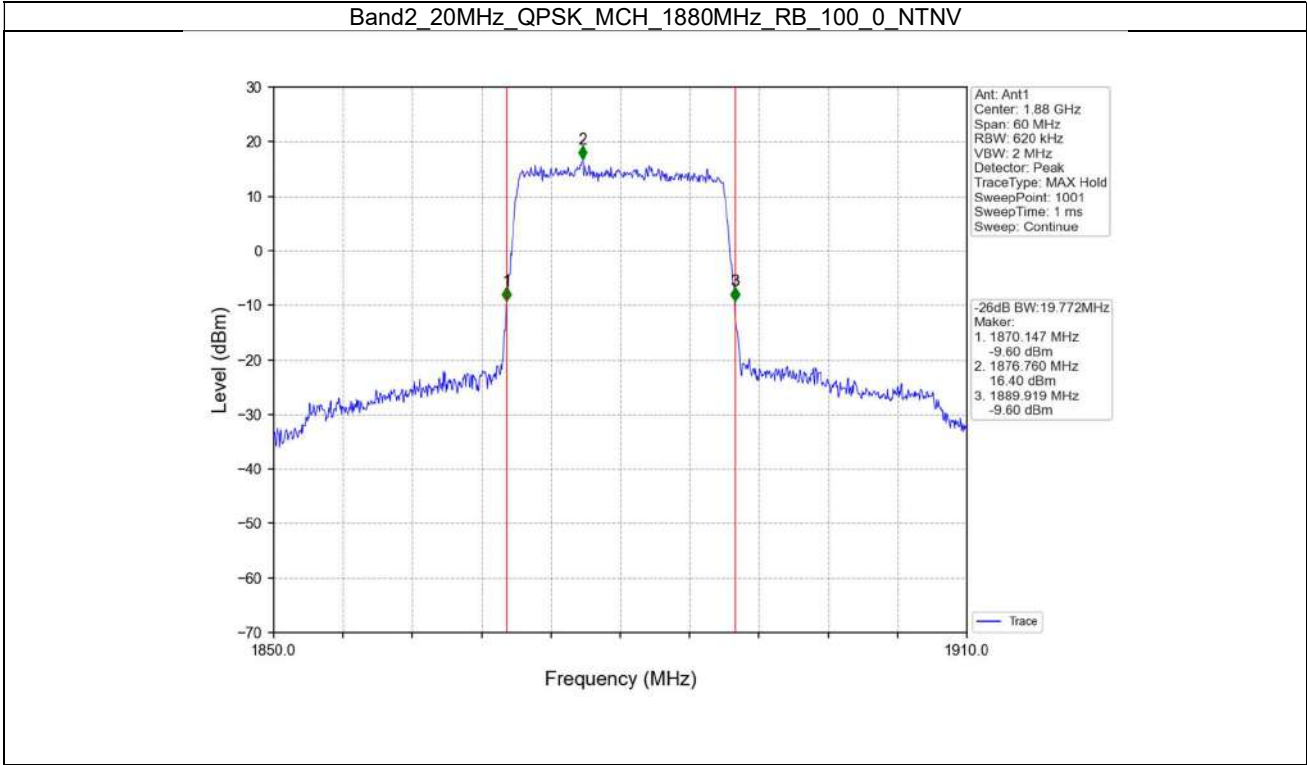
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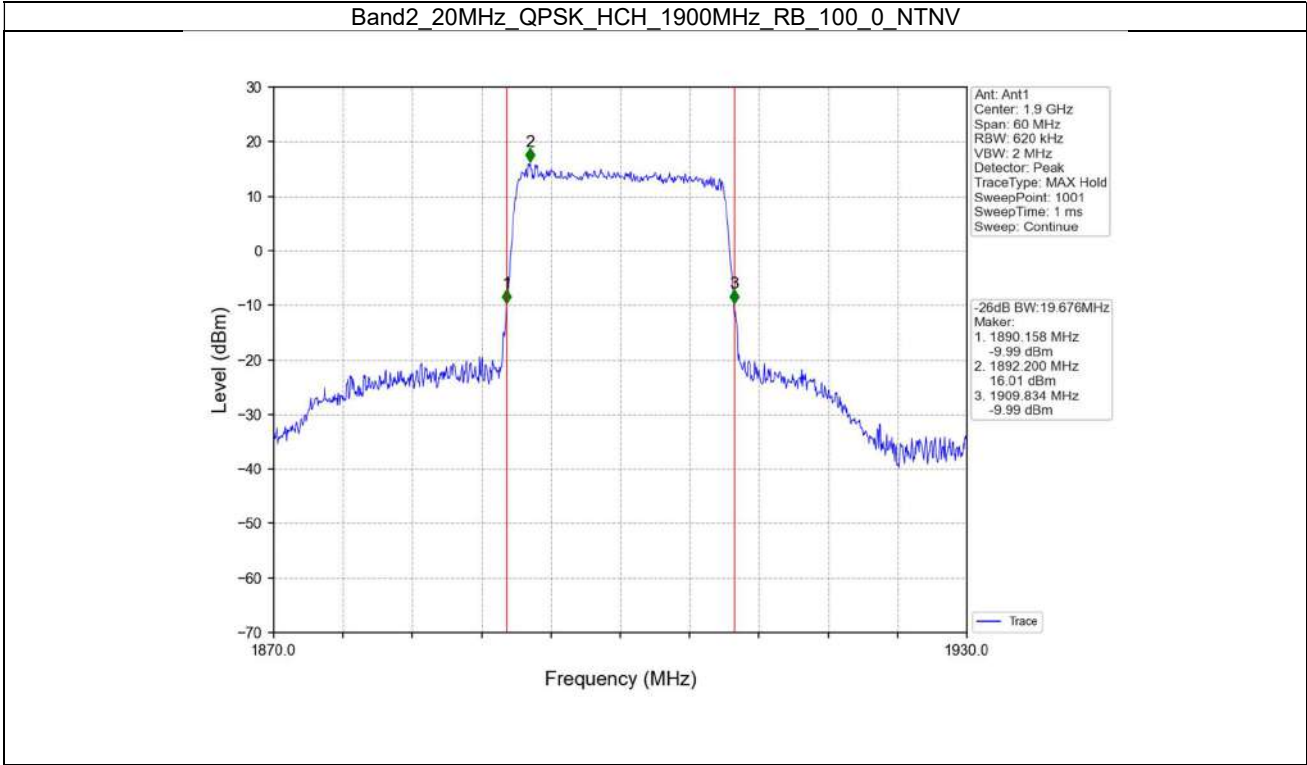
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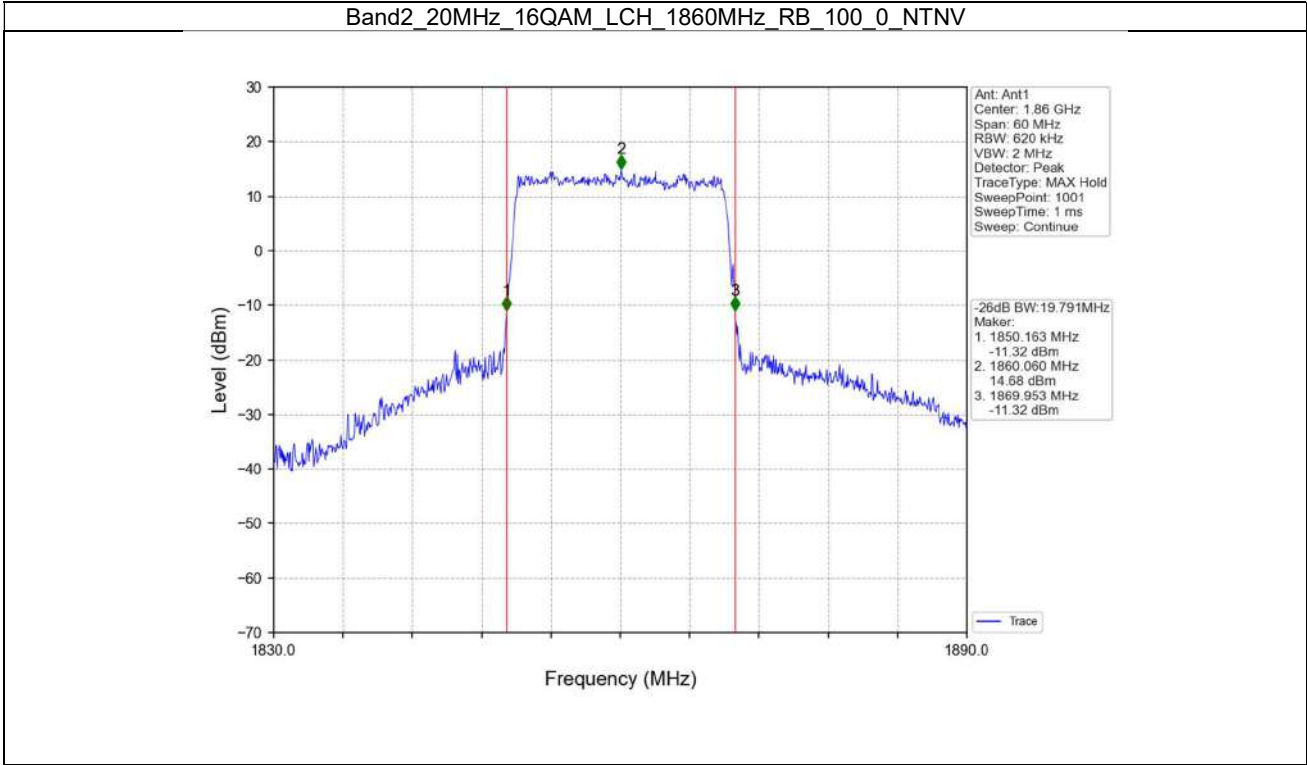
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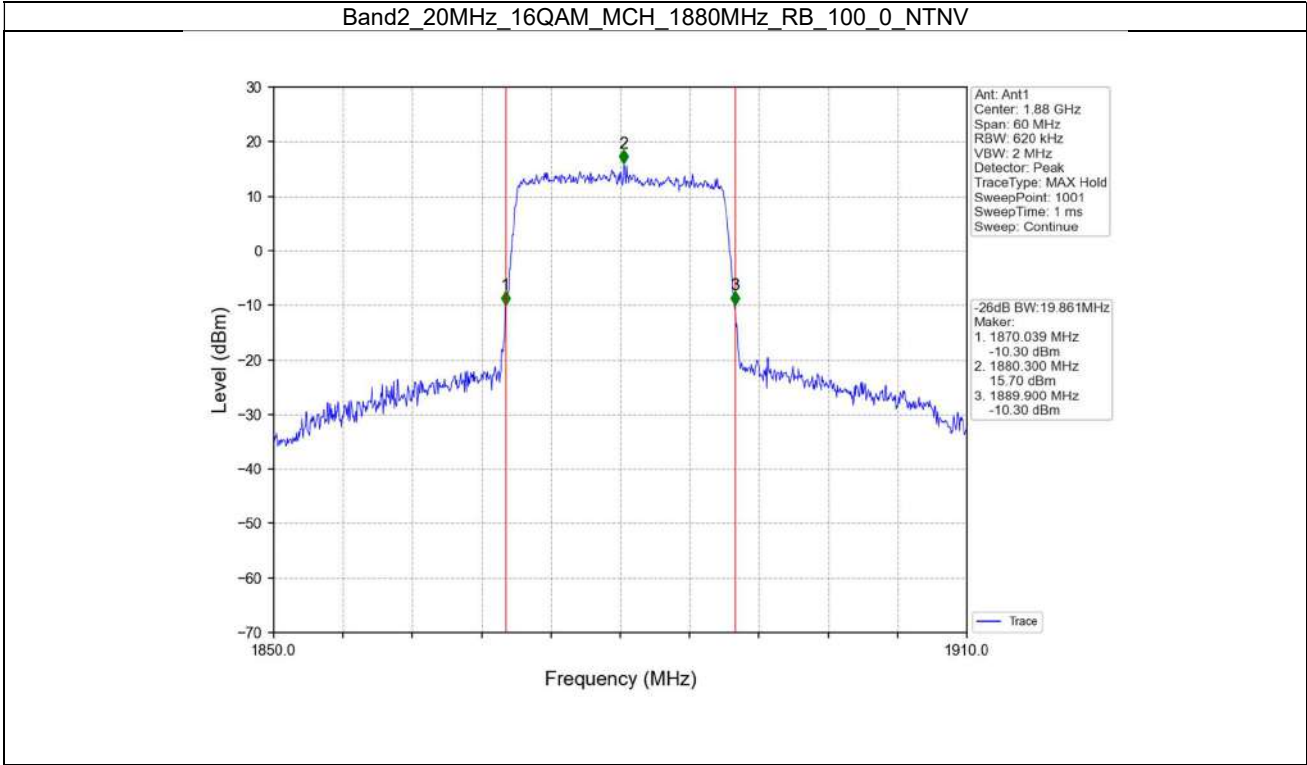
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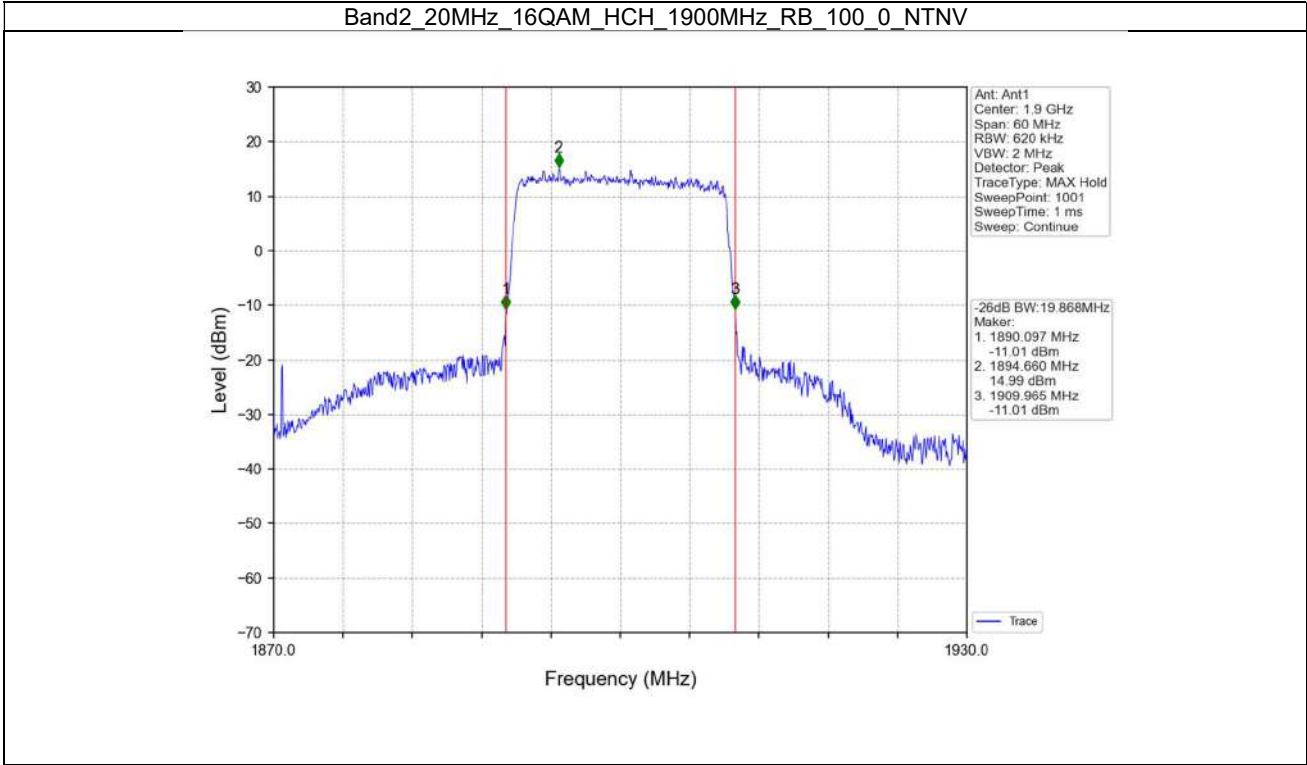
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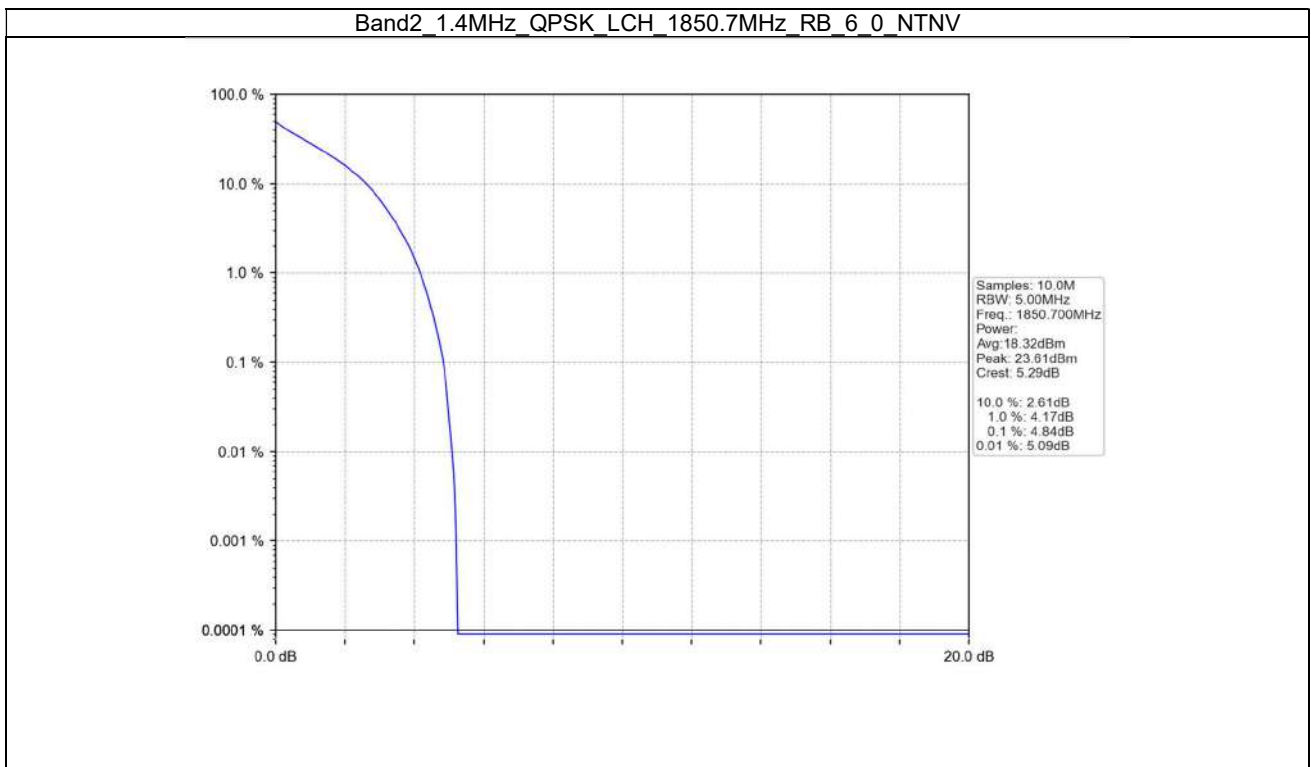
5. Peak-Average Ratio

5.1 B2_1.4MHz

5.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	4.84	<=13	Pass
	1880	6	0	4.88	<=13	Pass
	1909.3	6	0	4.24	<=13	Pass
16QAM	1850.7	6	0	5.61	<=13	Pass
	1880	6	0	5.78	<=13	Pass
	1909.3	6	0	5.12	<=13	Pass

5.1.2 Test Graph



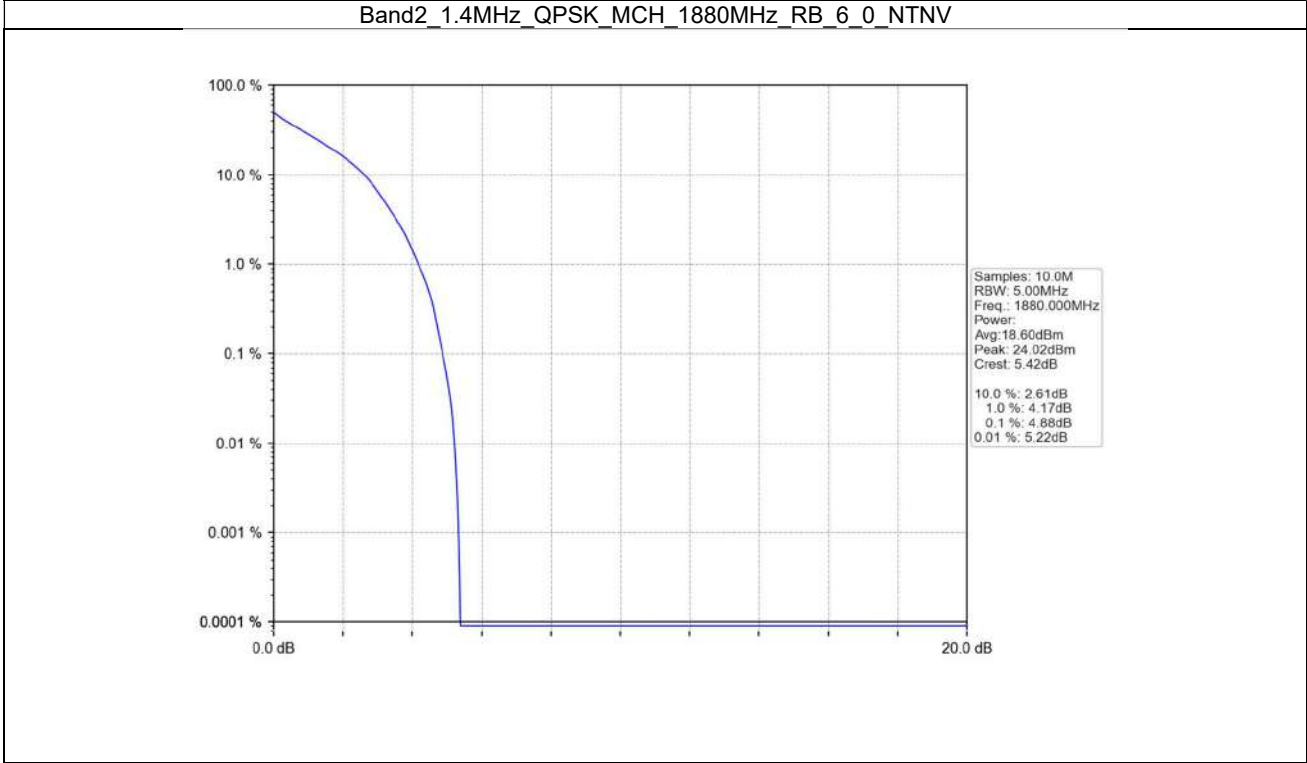
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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_6_0_NTNV

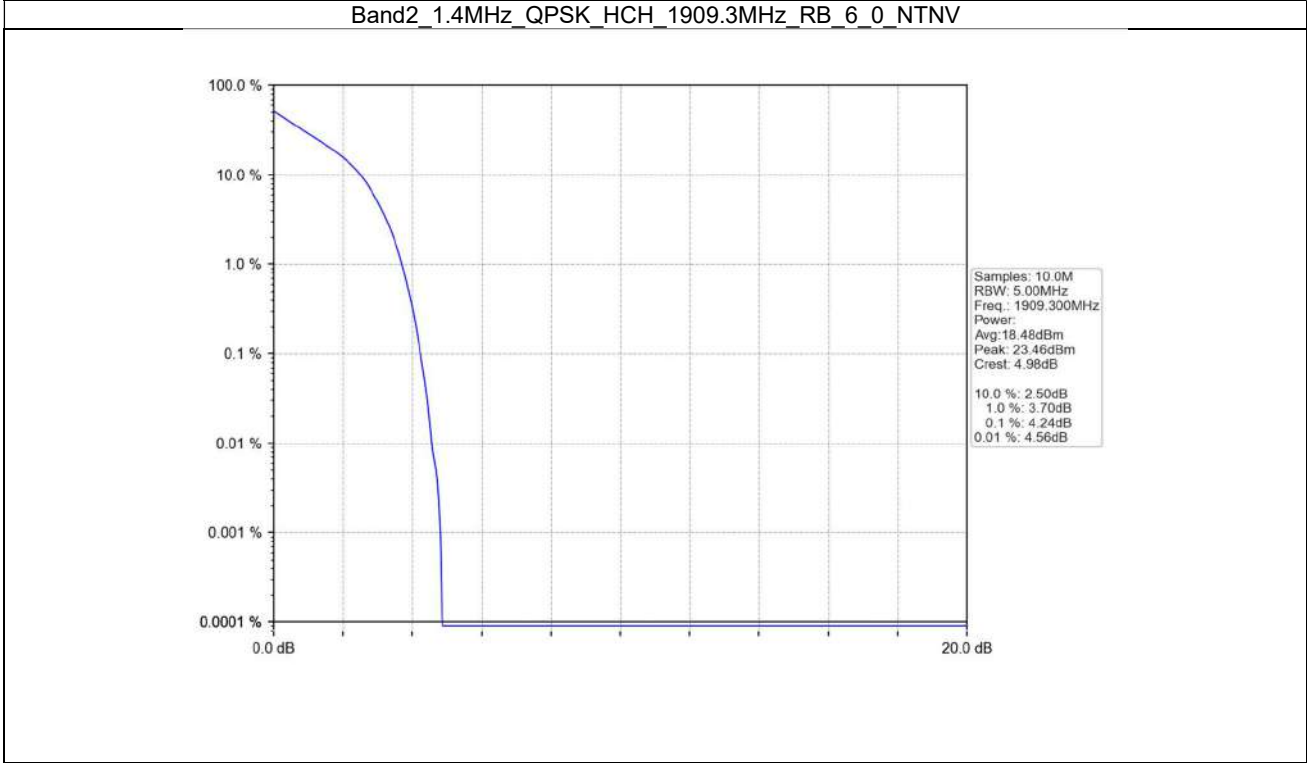


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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV



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Band2_1.4MHz_16QAM_MCH_1880MHz_RB_6_0_NTNV



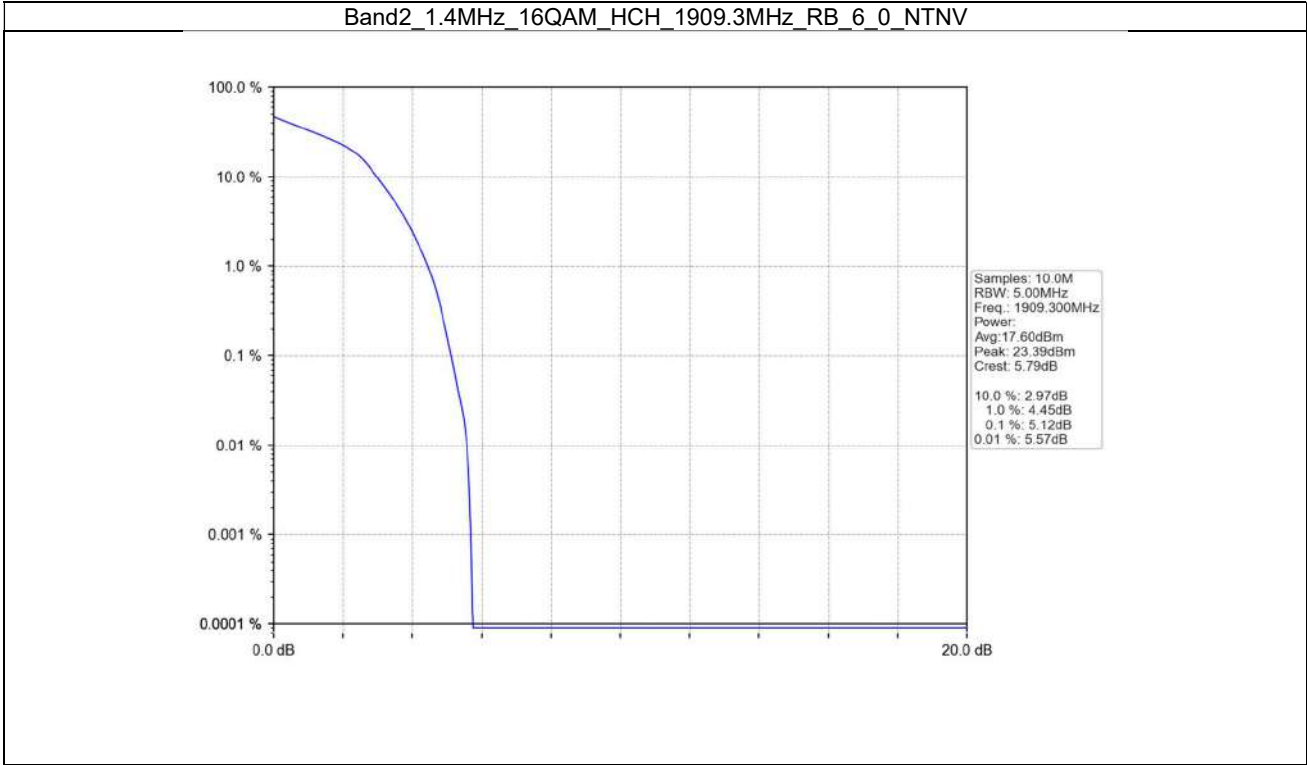
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5.2 B2_3MHz

5.2.1 Test Result

Band: 2 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.08	<=13	Pass
	1880	15	0	5.12	<=13	Pass
	1908.5	15	0	4.69	<=13	Pass
16QAM	1851.5	15	0	5.83	<=13	Pass
	1880	15	0	5.95	<=13	Pass
	1908.5	15	0	5.55	<=13	Pass



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5.2.2 Test Graph

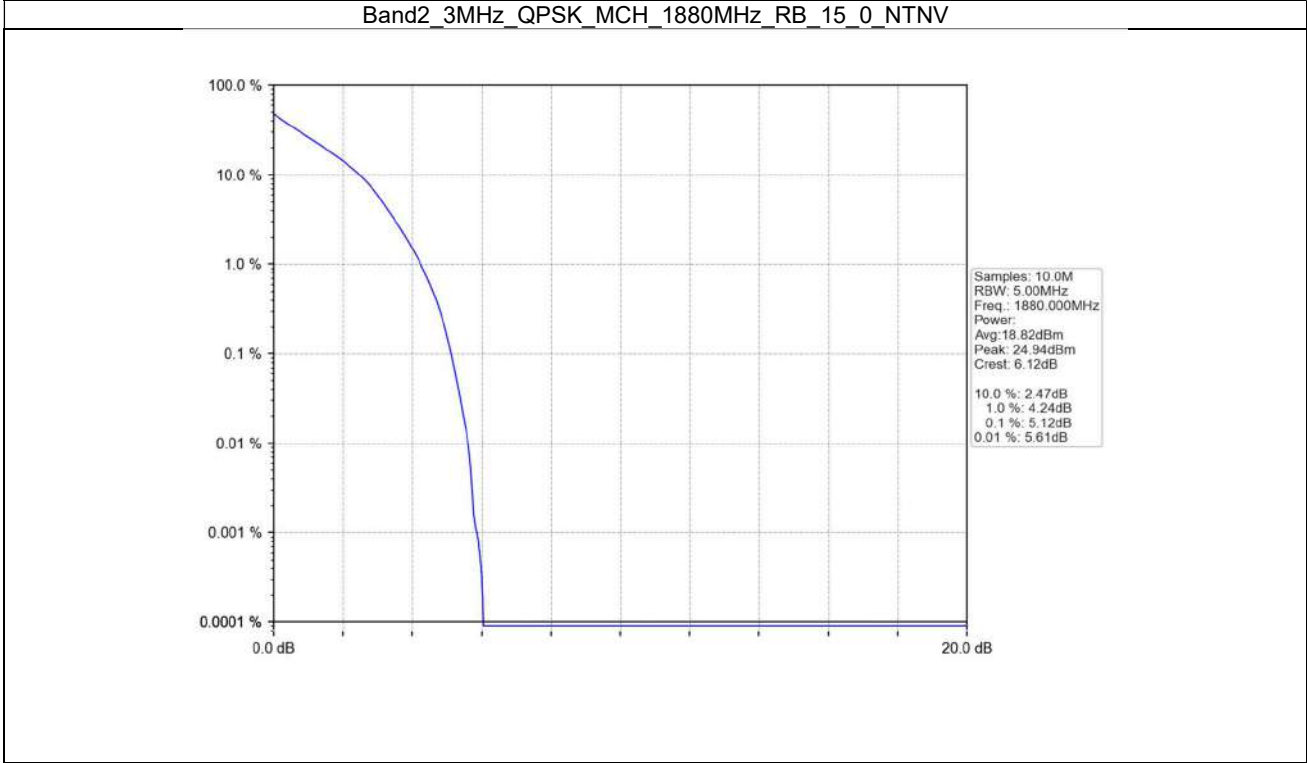


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Band2_3MHz_QPSK_MCH_1880MHz_RB_15_0_NTNV

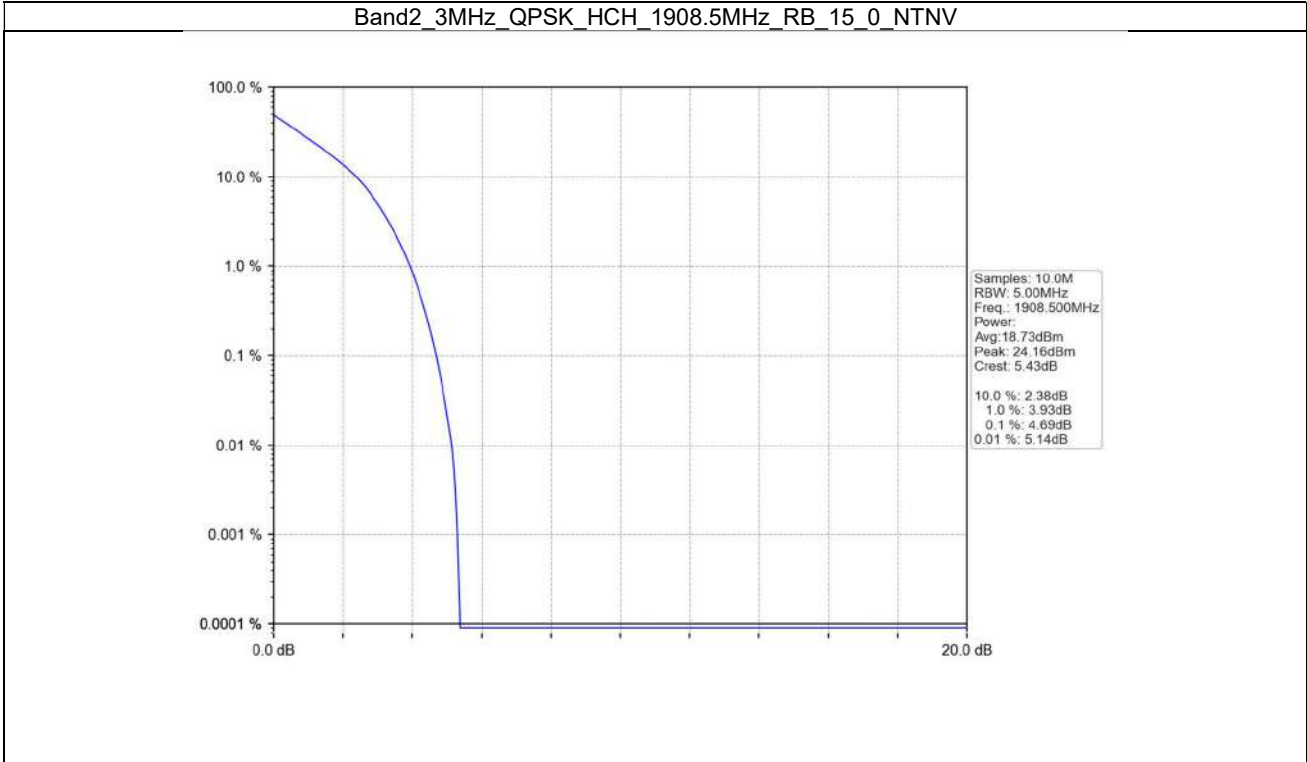


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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_15_0_NTNV



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Band2_3MHz_16QAM_LCH_1851.5MHz_RB_15_0_NTNV



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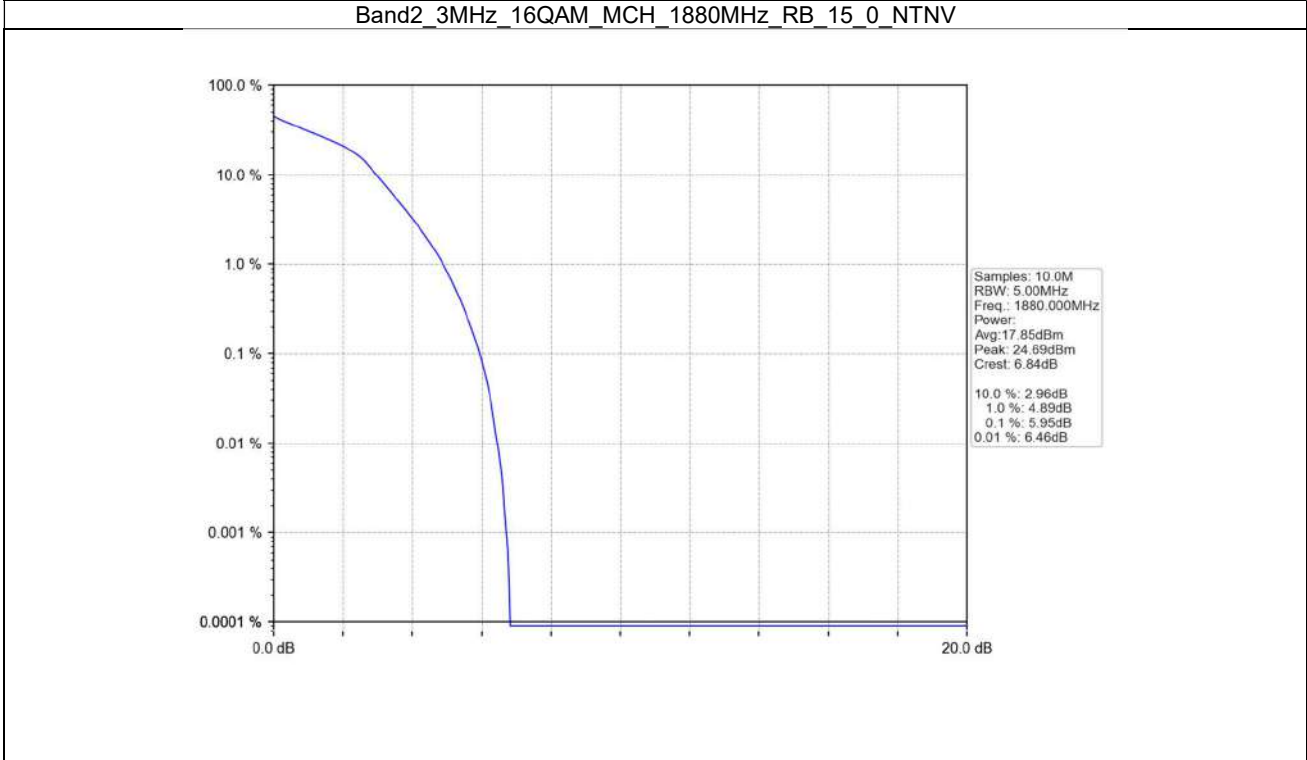
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Band2_3MHz_16QAM_MCH_1880MHz_RB_15_0_NTNV



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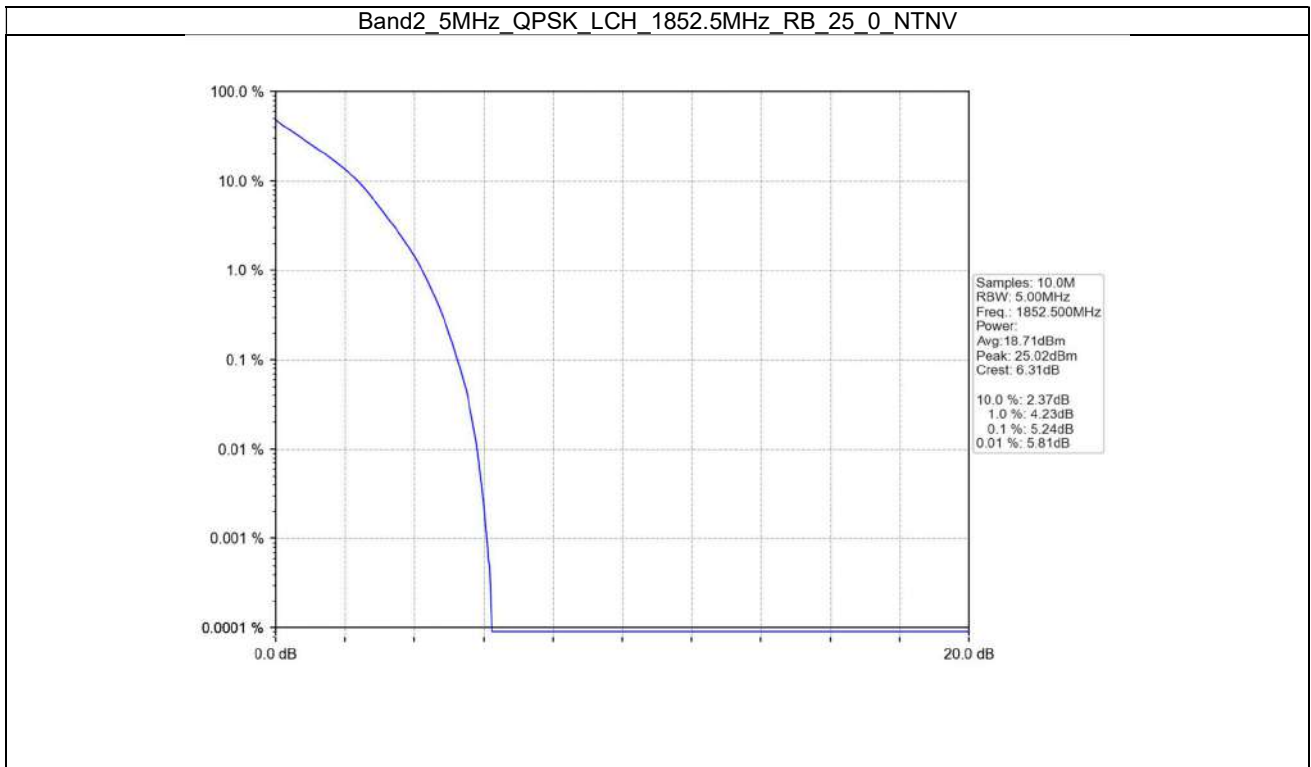
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5.3 B2_5MHz

5.3.1 Test Result

Band: 2 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.24	<=13	Pass
	1880	25	0	5.38	<=13	Pass
	1907.5	25	0	5.12	<=13	Pass
16QAM	1852.5	25	0	5.97	<=13	Pass
	1880	25	0	6.07	<=13	Pass
	1907.5	25	0	5.83	<=13	Pass

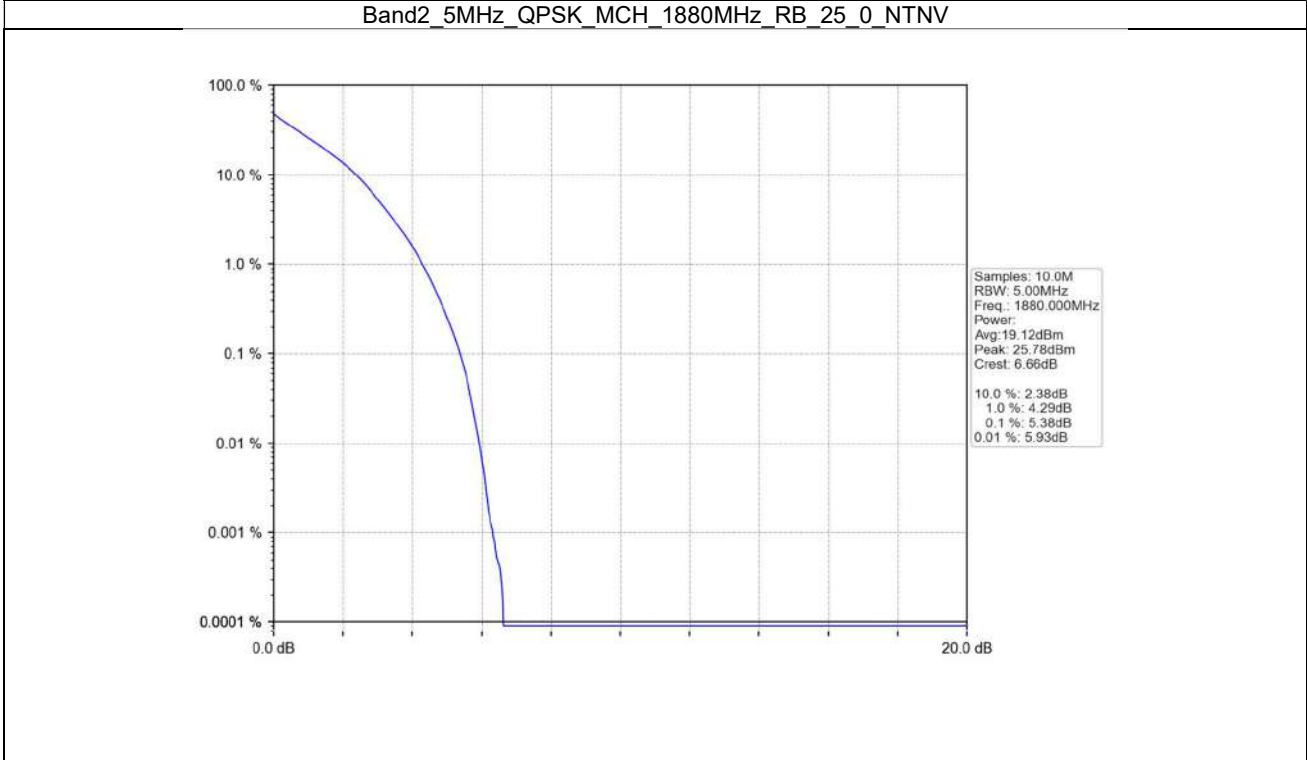
5.3.2 Test Graph



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Band2_5MHz_QPSK_MCH_1880MHz_RB_25_0_NTNV

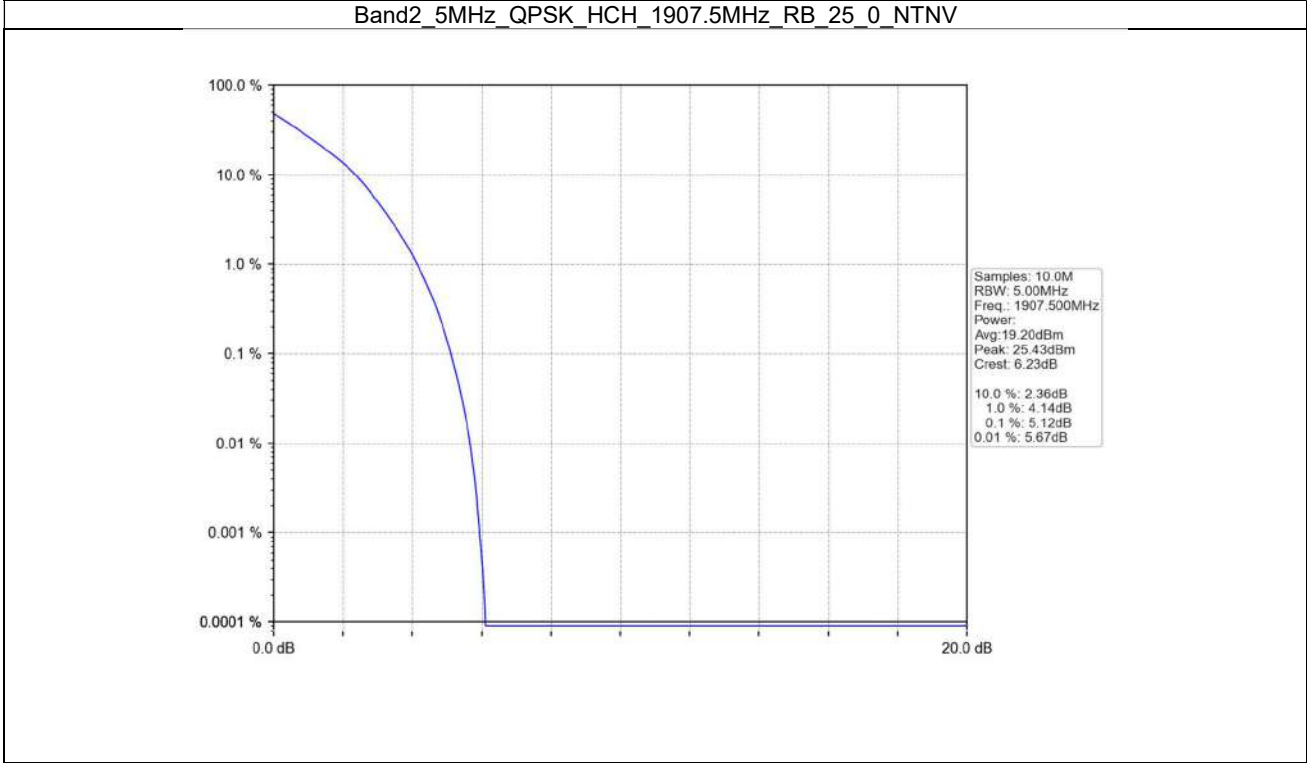


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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_25_0_NTNV

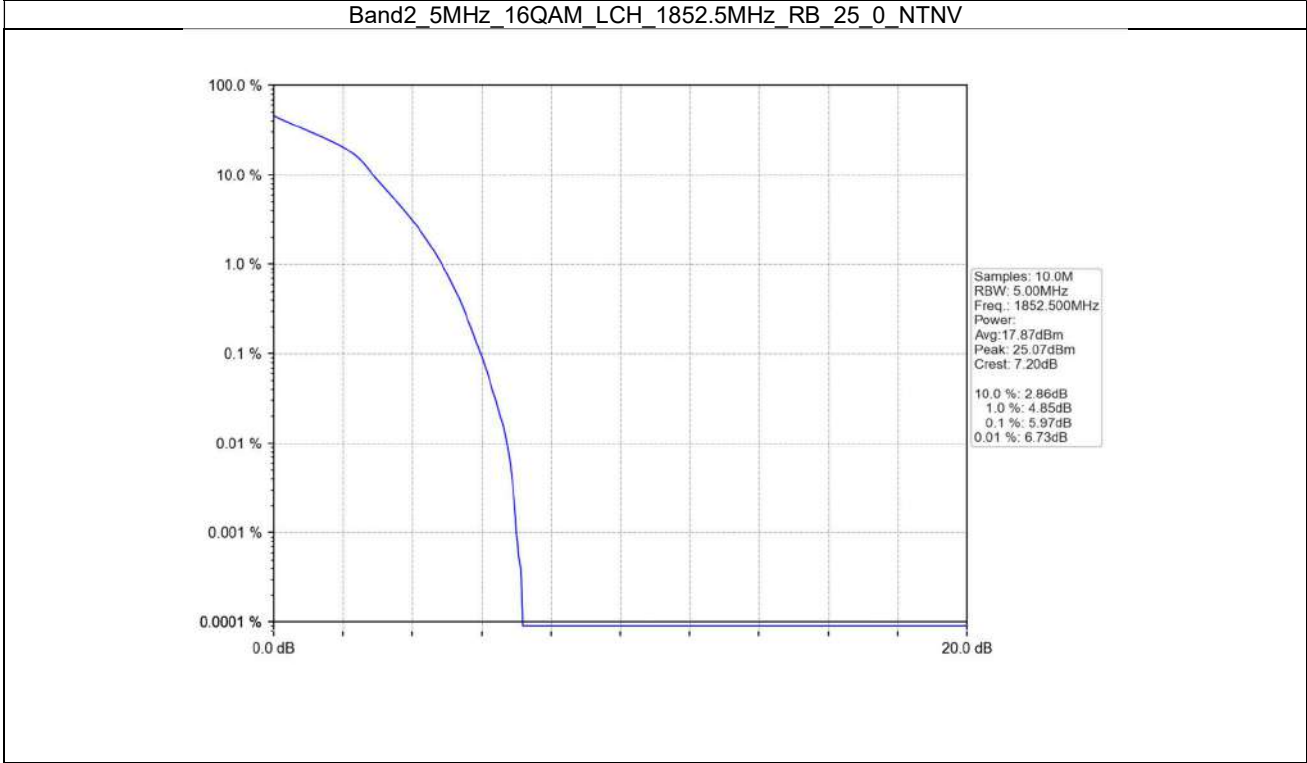


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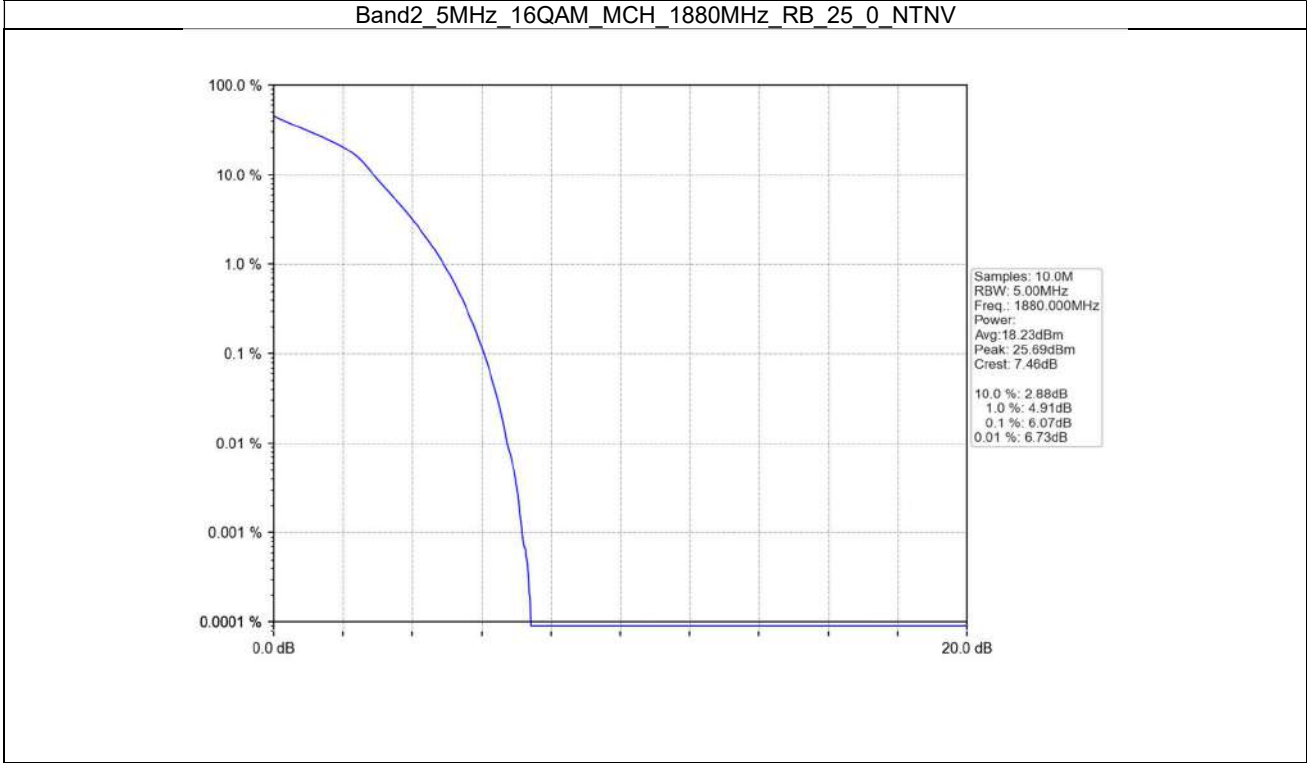


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5.4 B2_10MHz

5.4.1 Test Result

Band: 2 / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	6.09	<=13	Pass
	1880	50	0	6.06	<=13	Pass
	1905	50	0	6.10	<=13	Pass
16QAM	1855	50	0	6.79	<=13	Pass
	1880	50	0	6.74	<=13	Pass
	1905	50	0	6.83	<=13	Pass



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5.4.2 Test Graph

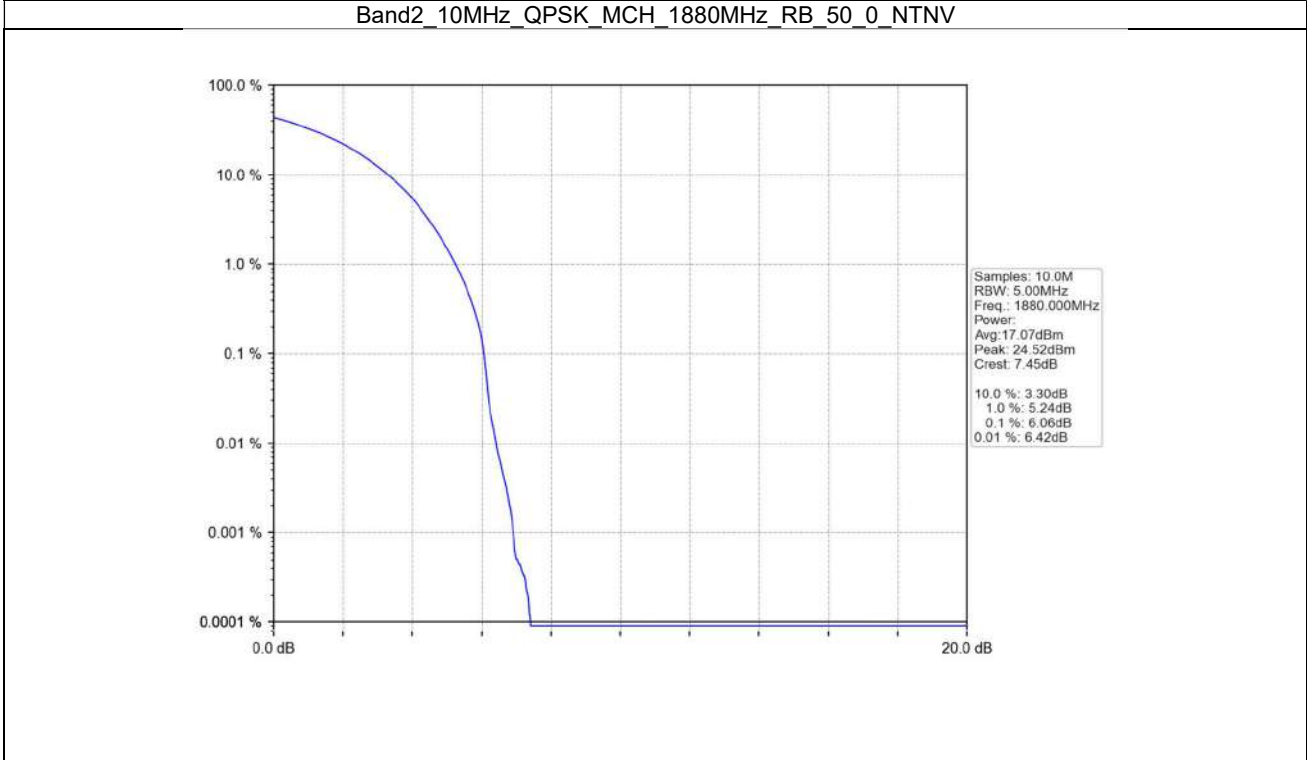


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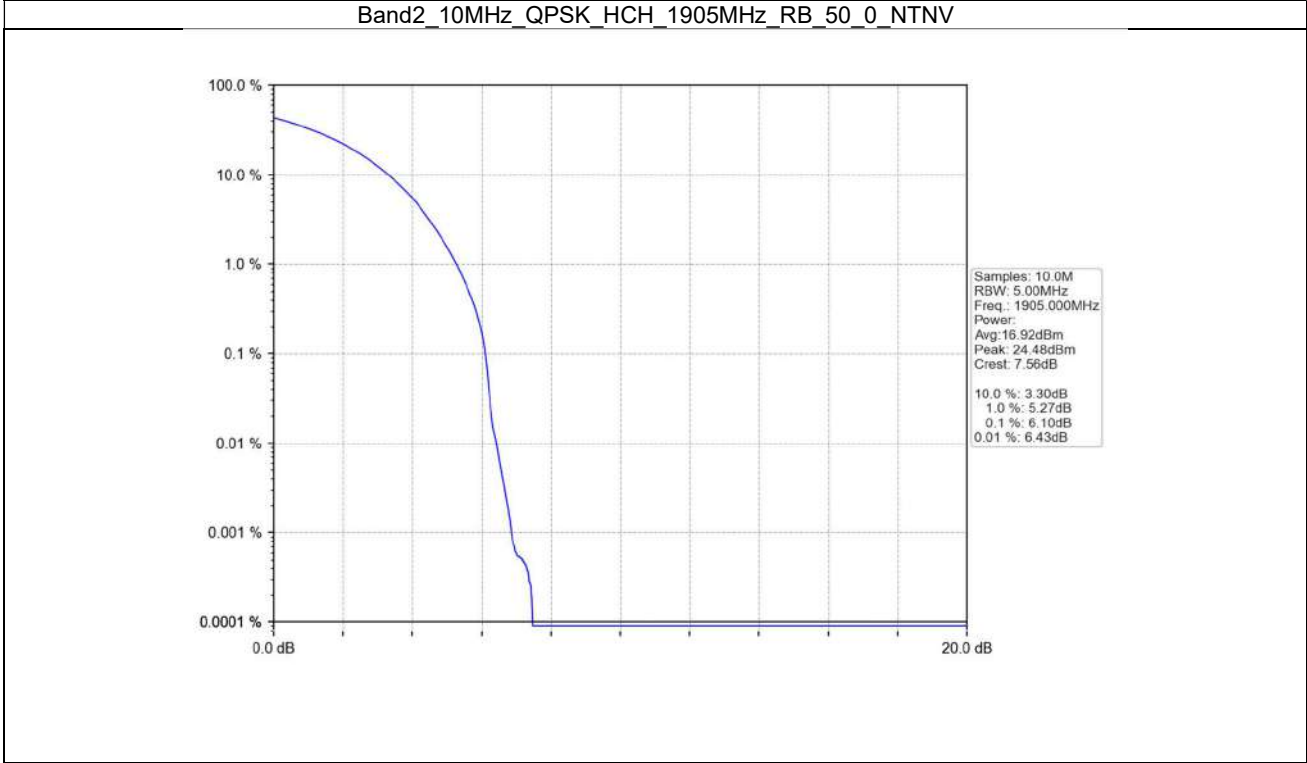
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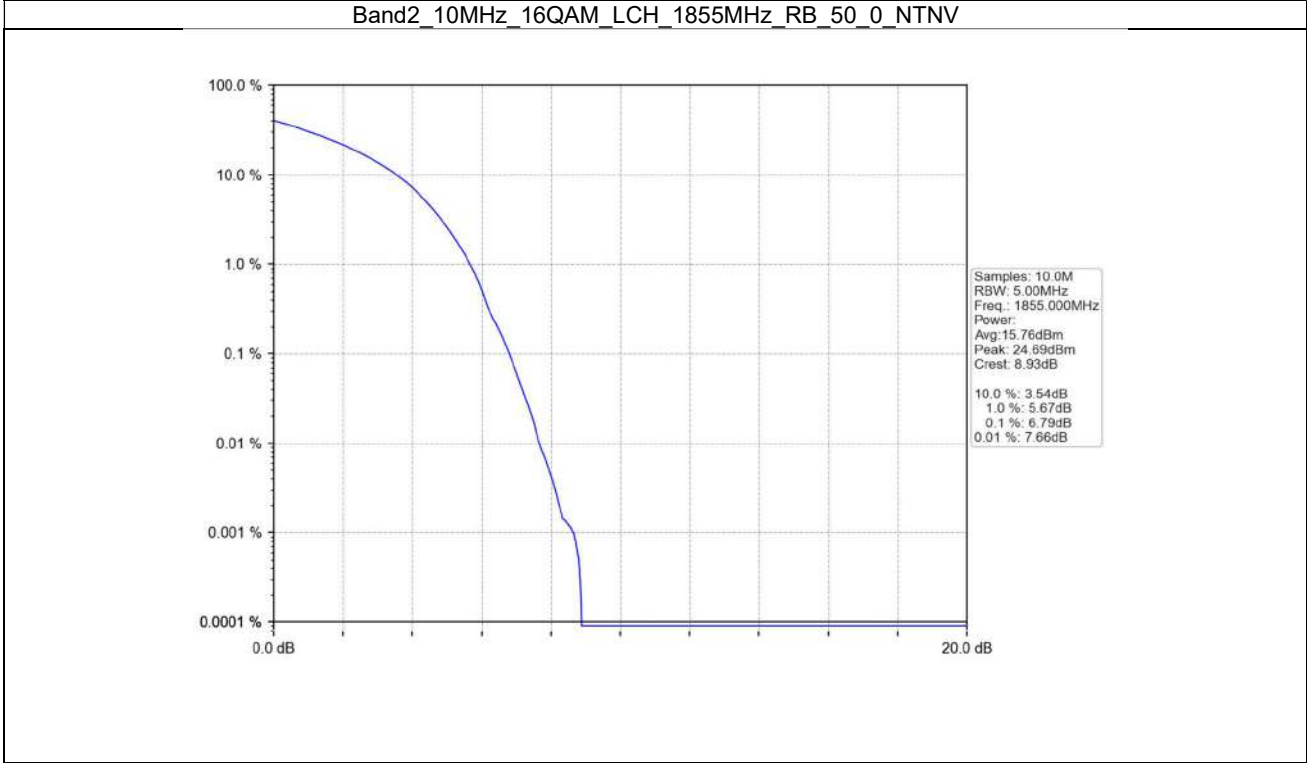


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Band2_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV

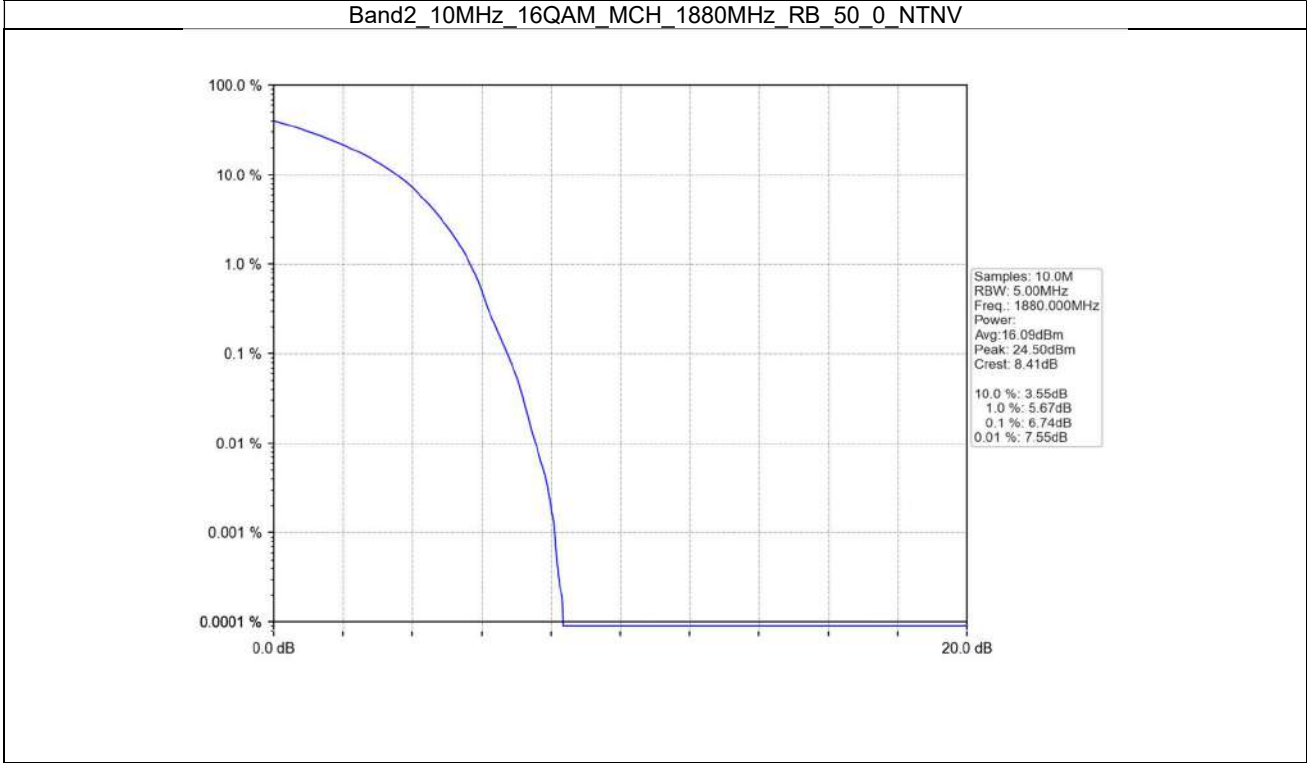


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Band2_10MHz_16QAM_MCH_1880MHz_RB_50_0_NTNV

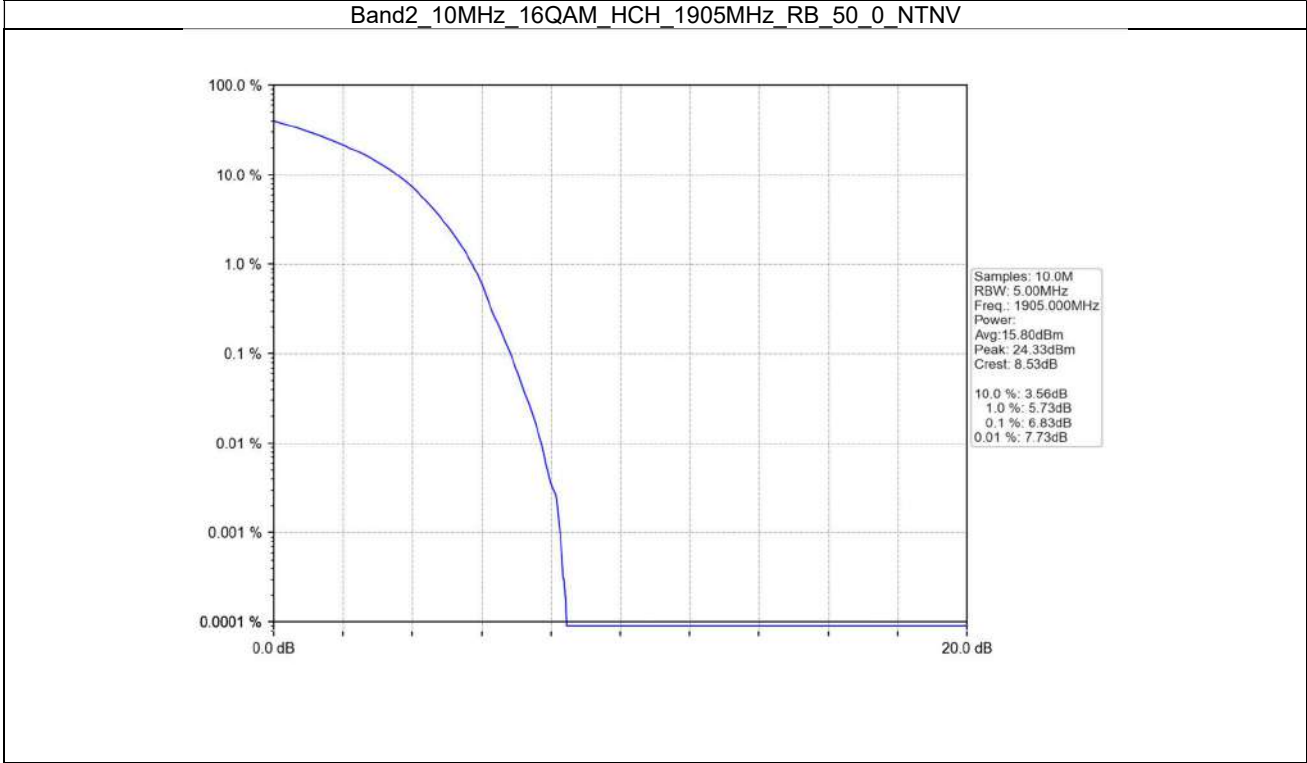


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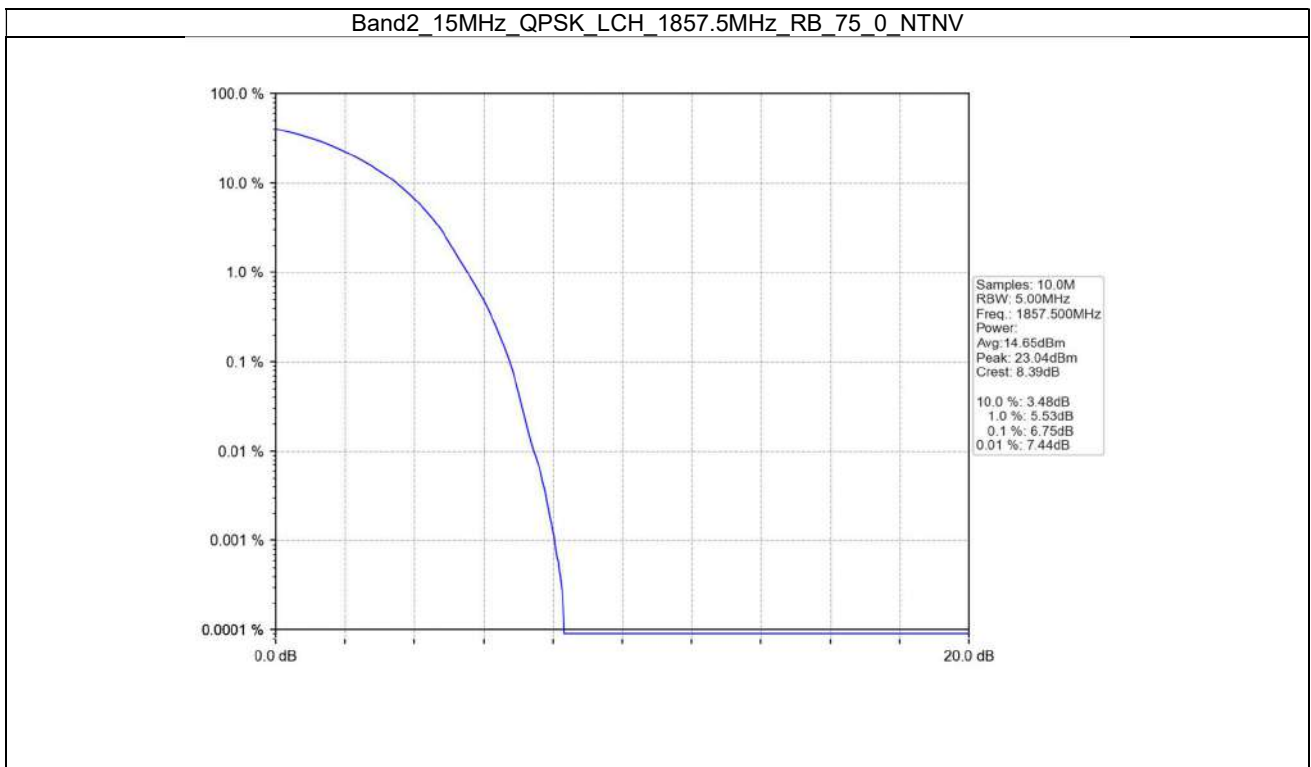
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5.5 B2_15MHz

5.5.1 Test Result

Band: 2 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	75	0	6.75	<=13	Pass
	1880	75	0	6.72	<=13	Pass
	1902.5	75	0	6.77	<=13	Pass
16QAM	1857.5	75	0	7.31	<=13	Pass
	1880	75	0	7.33	<=13	Pass
	1902.5	75	0	7.30	<=13	Pass

5.5.2 Test Graph

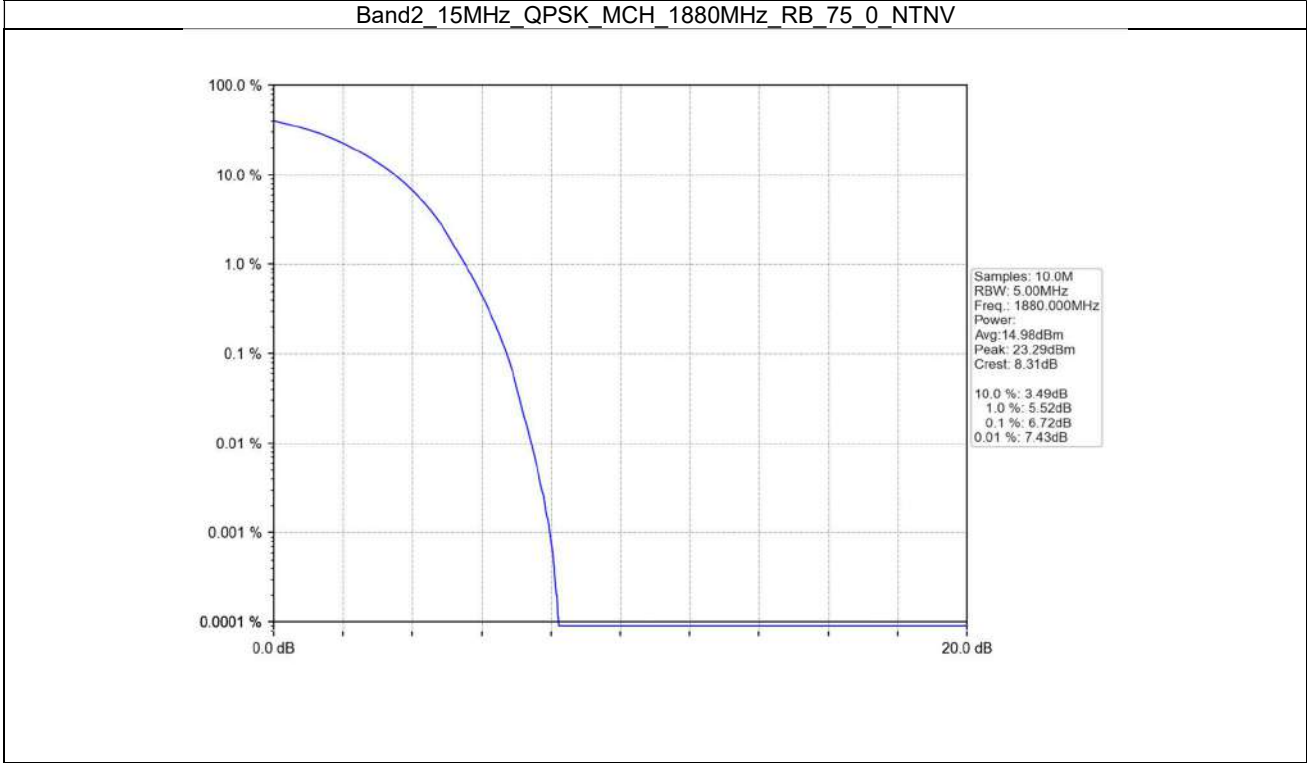


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Band2_15MHz_QPSK_MCH_1880MHz_RB_75_0_NTNV

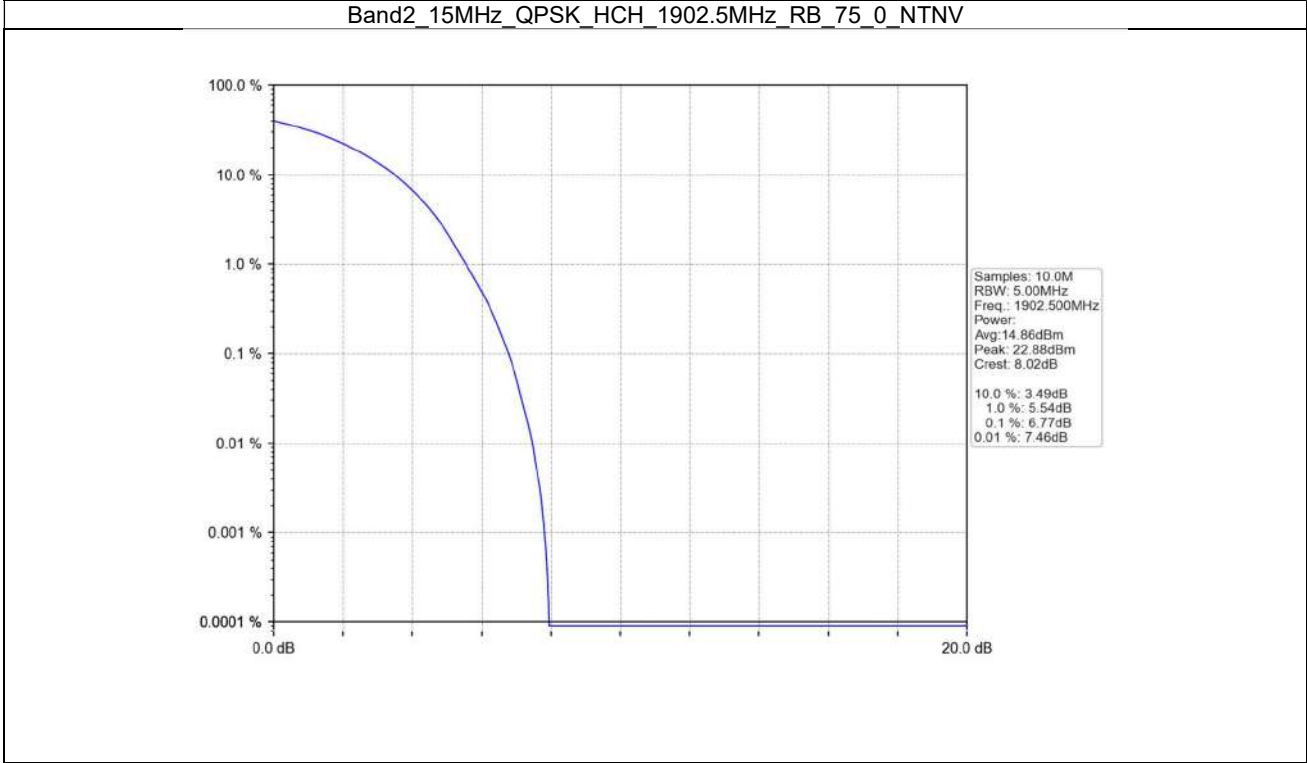


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Band2_15MHz_QPSK_HCH_1902.5MHz_RB_75_0_NTNV



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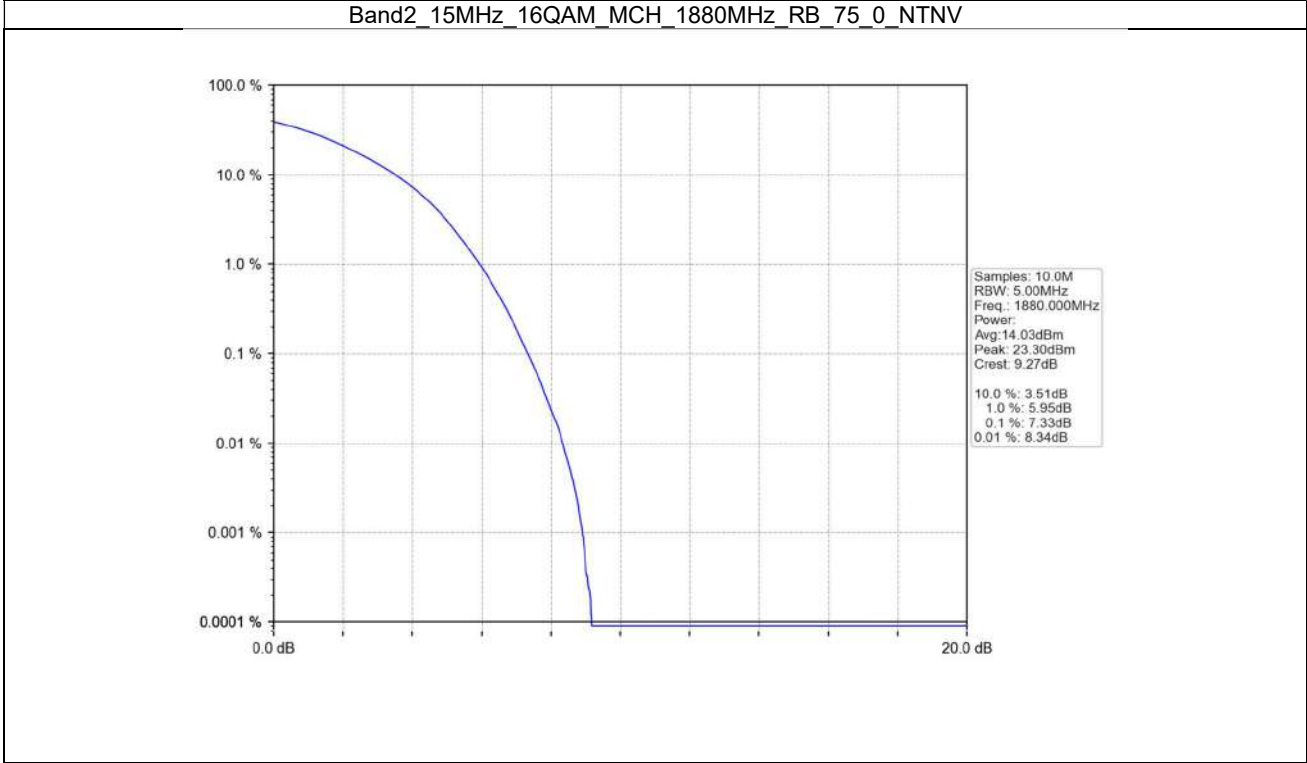


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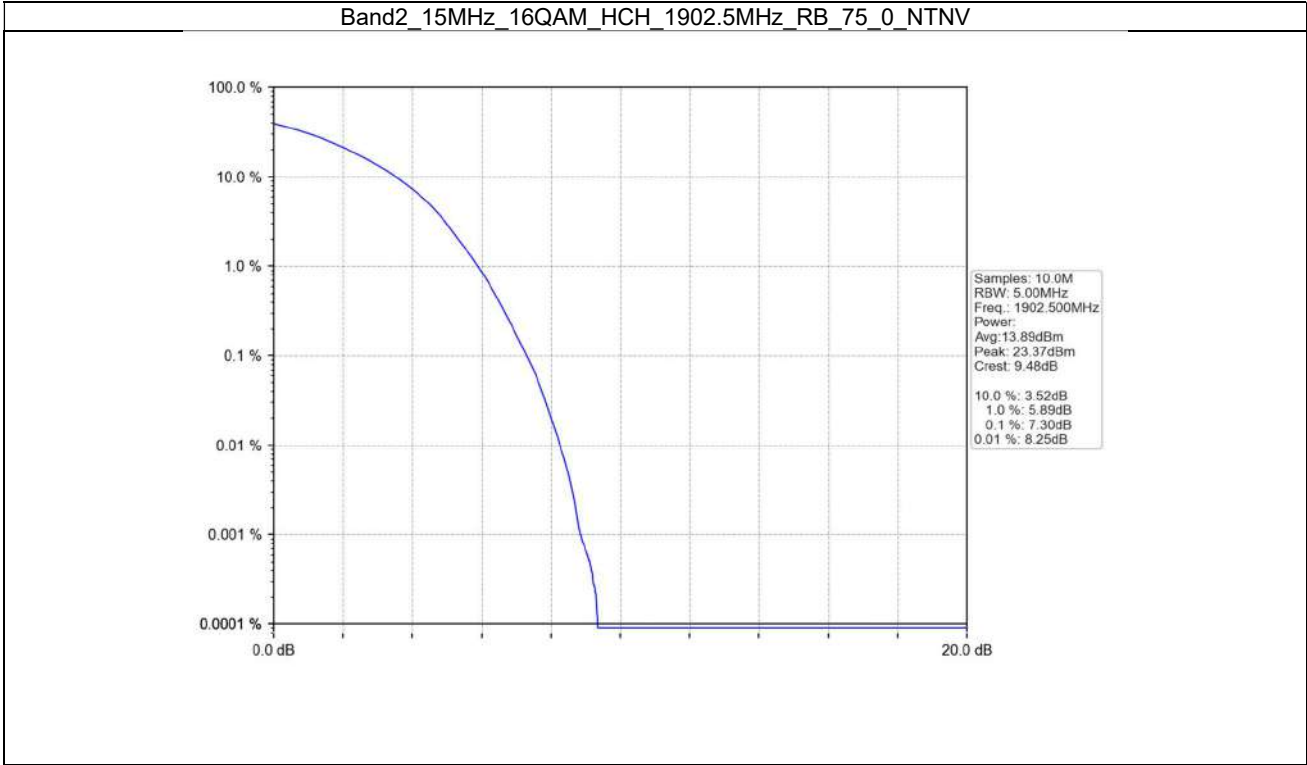
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5.6 B2_20MHz

5.6.1 Test Result

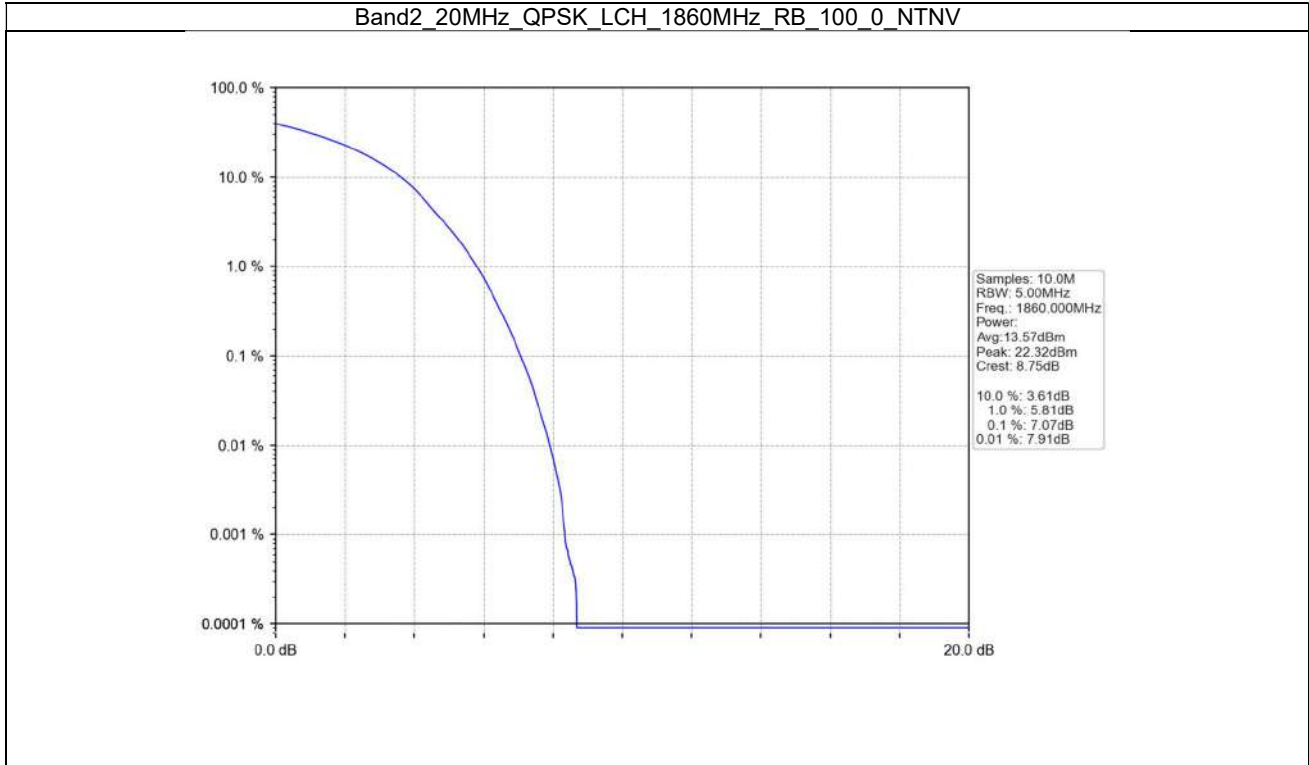
Band: 2 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	7.07	<=13	Pass
	1880	100	0	7.16	<=13	Pass
	1900	100	0	7.15	<=13	Pass
16QAM	1860	100	0	7.47	<=13	Pass
	1880	100	0	7.56	<=13	Pass
	1900	100	0	7.58	<=13	Pass



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5.6.2 Test Graph

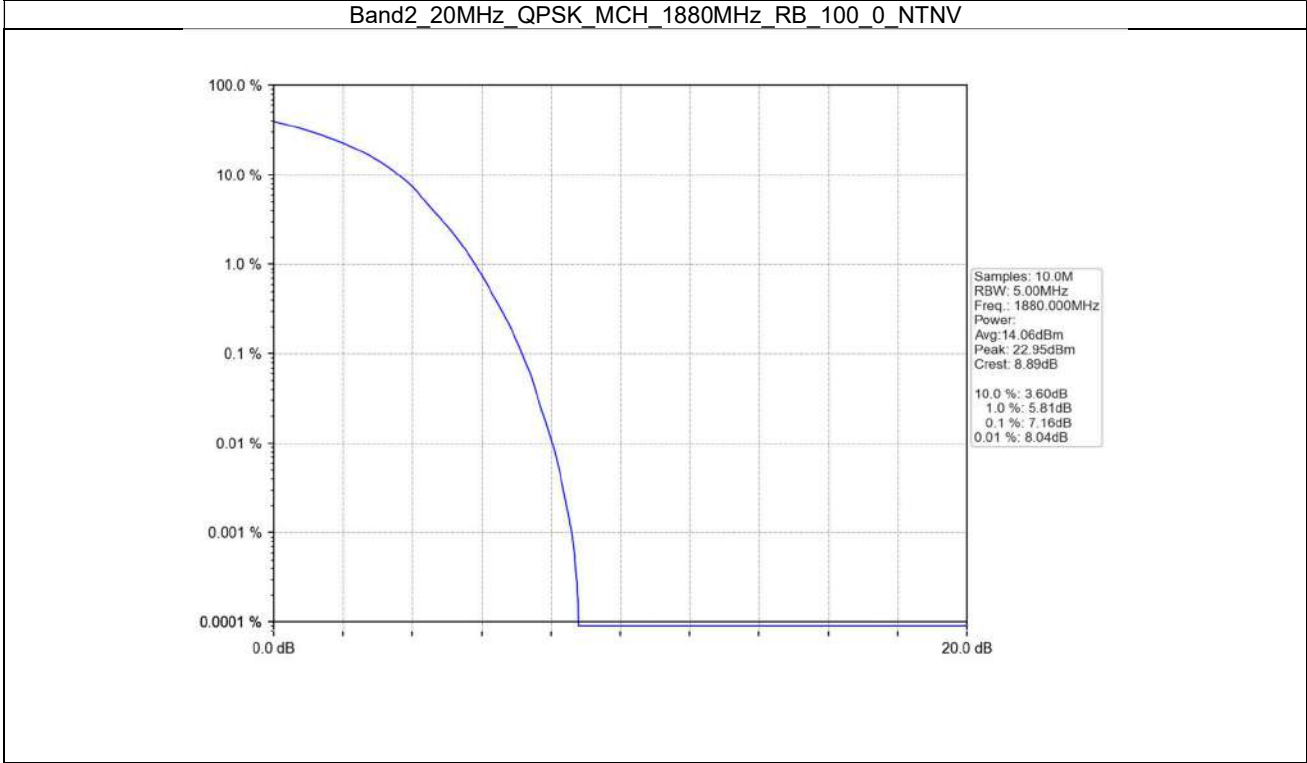


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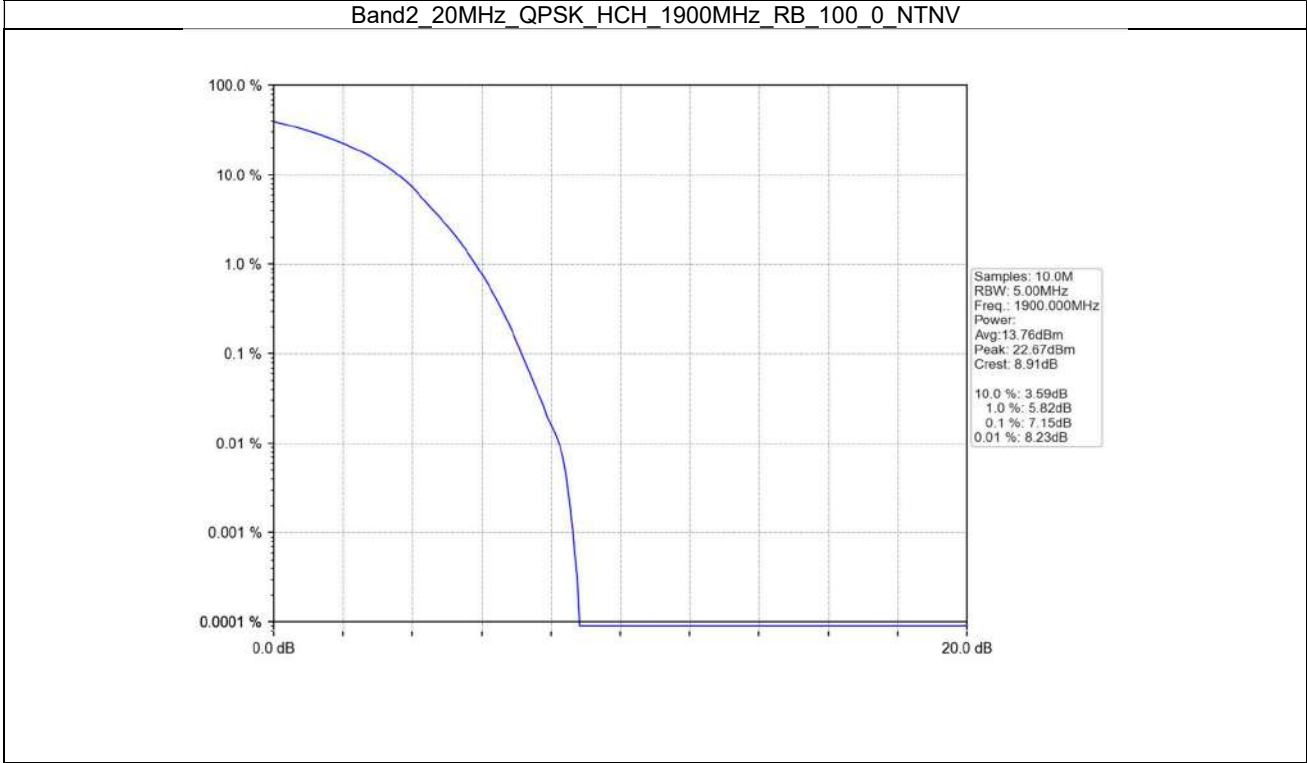


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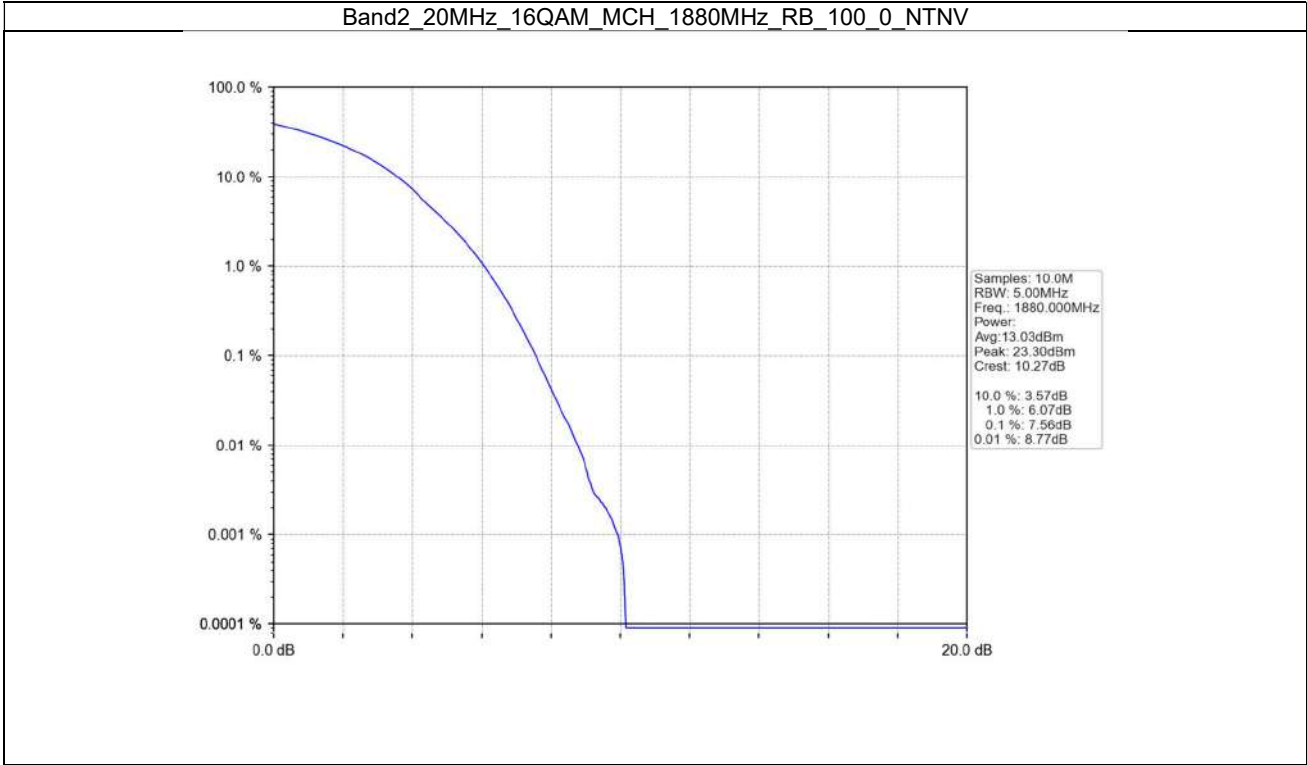
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6. Spurious Emission

6.1 B2_1.4MHz

6.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
	1880	1	0	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	
	1909.3	1	0	Refer To Test Graph	Pass	
		6	5	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	
		6	0	Refer To Test Graph	Pass	
	1909.3	1	0	Refer To Test Graph	Pass	
		6	5	Refer To Test Graph	Pass	
		6	0	Refer To Test Graph	Pass	

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (Span / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.



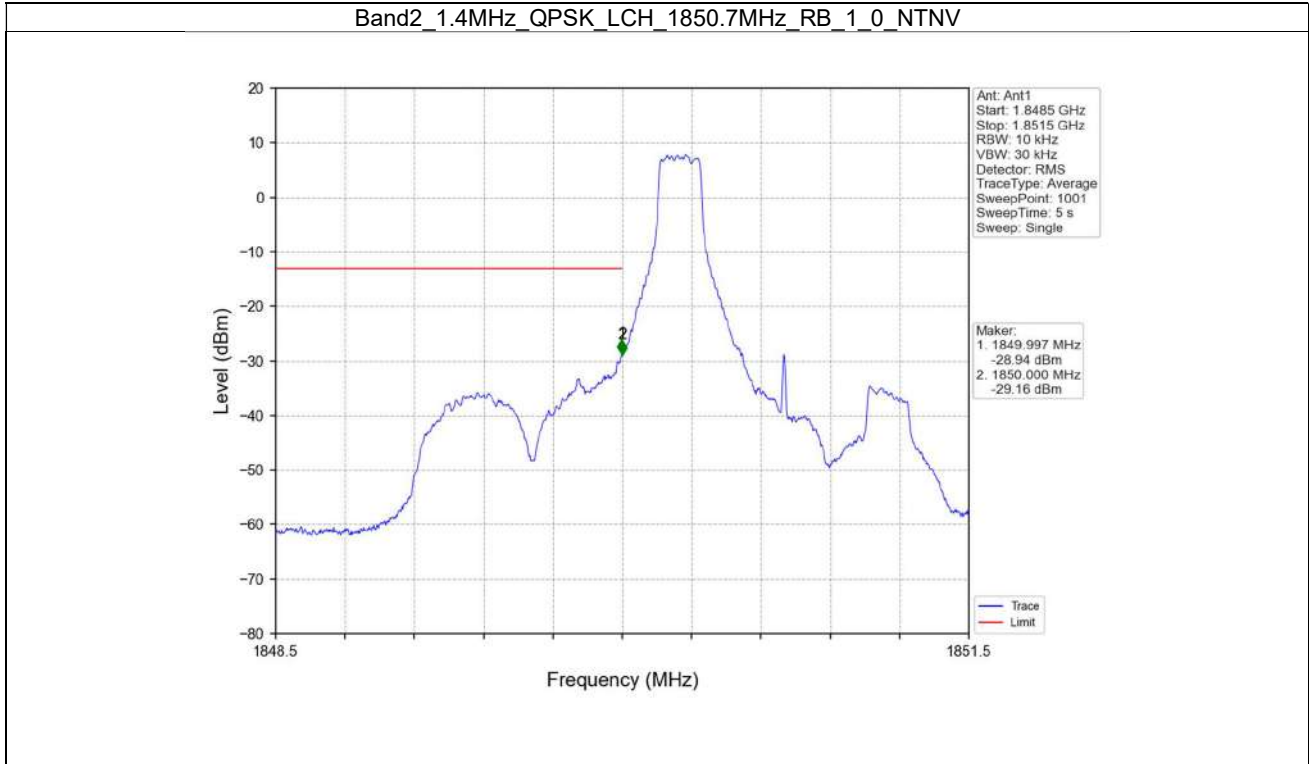
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6.1.2 Test Graph



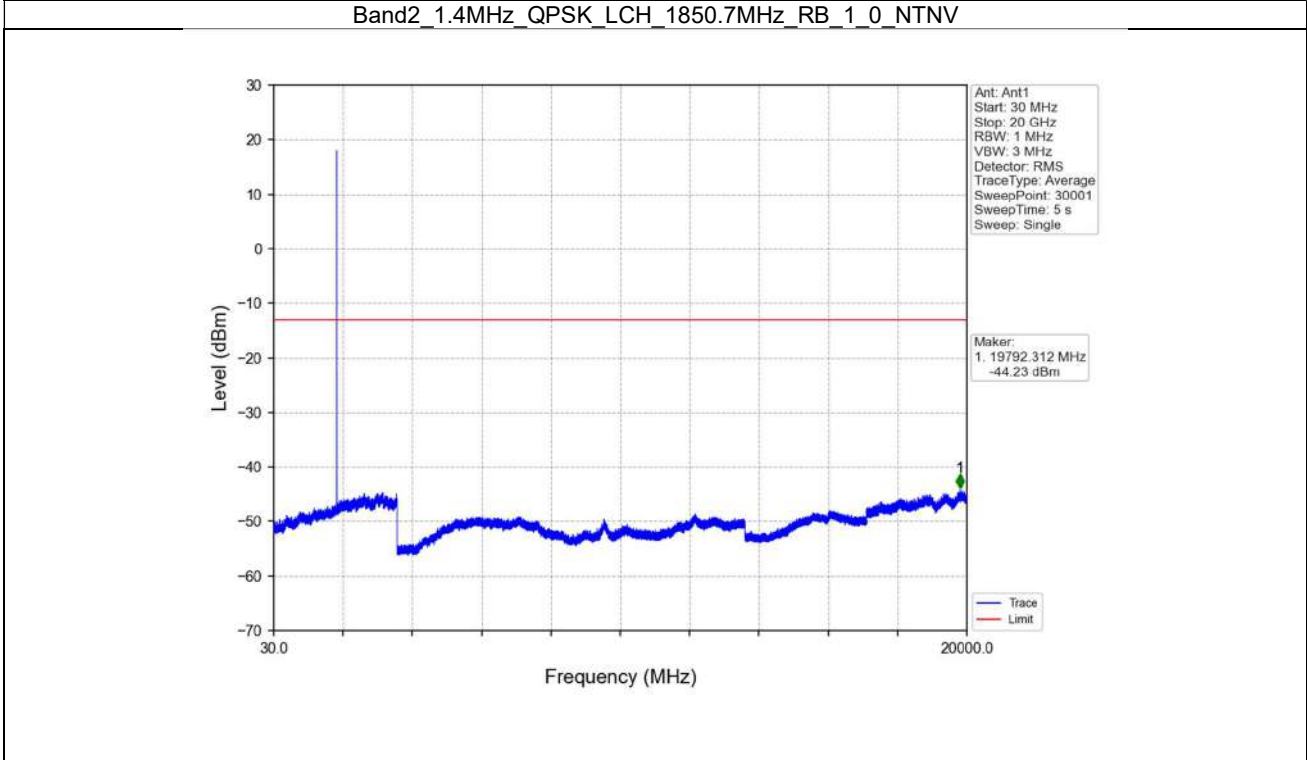
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Band2_1.4MHz_QPSK_LCH_1850.7MHz_RB_1_0_NTNV



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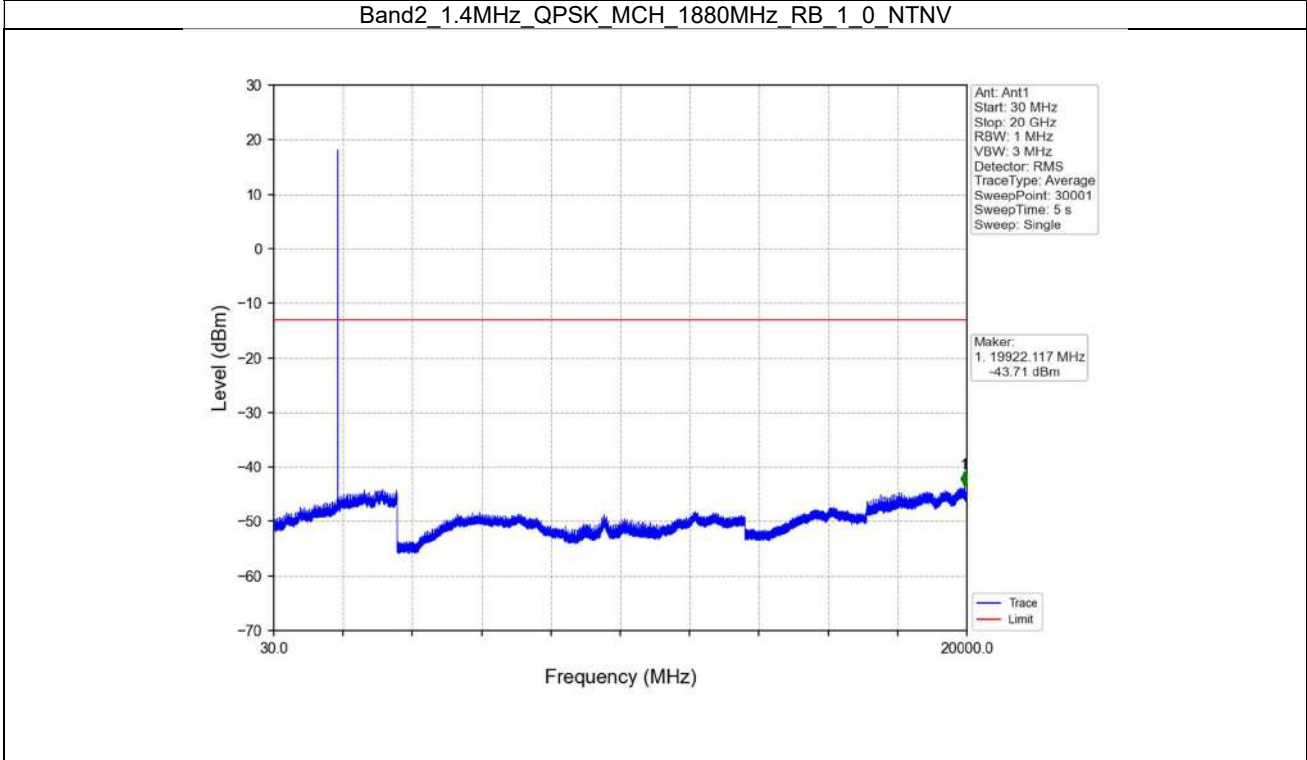


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Band2_1.4MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



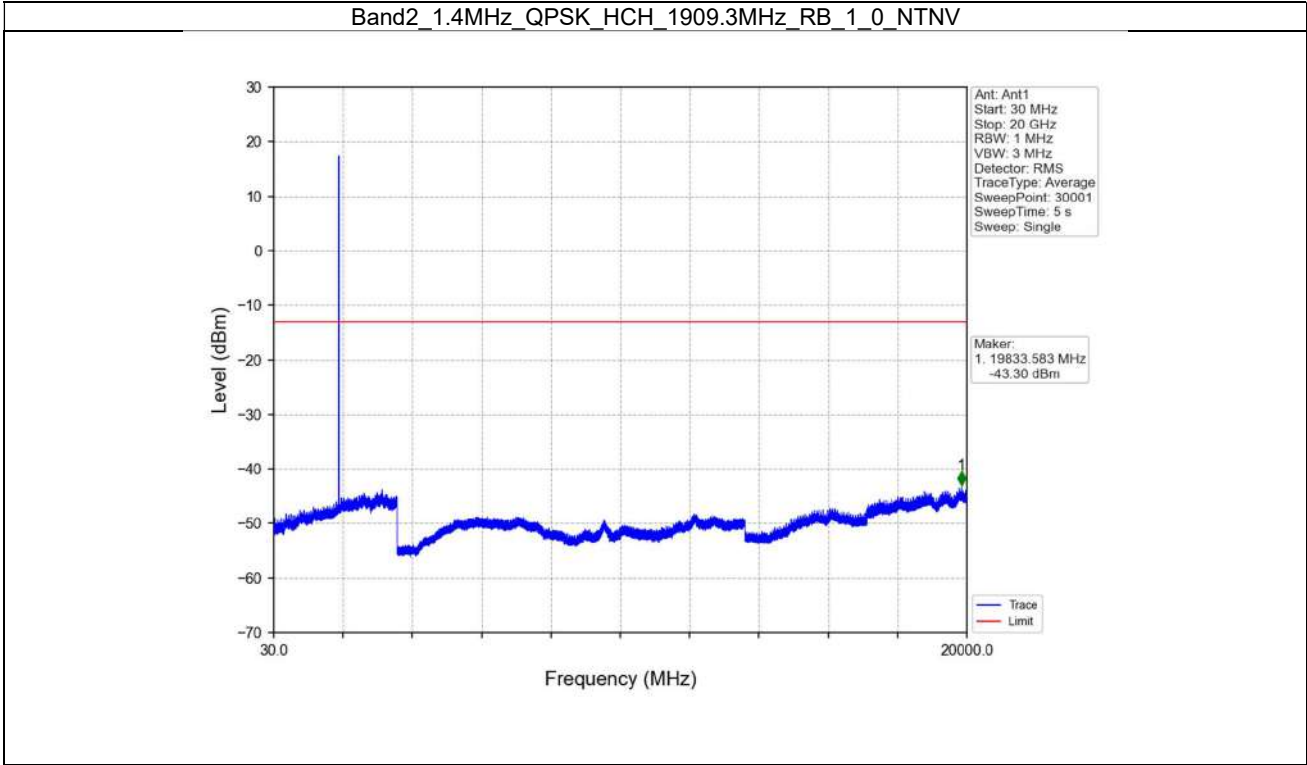
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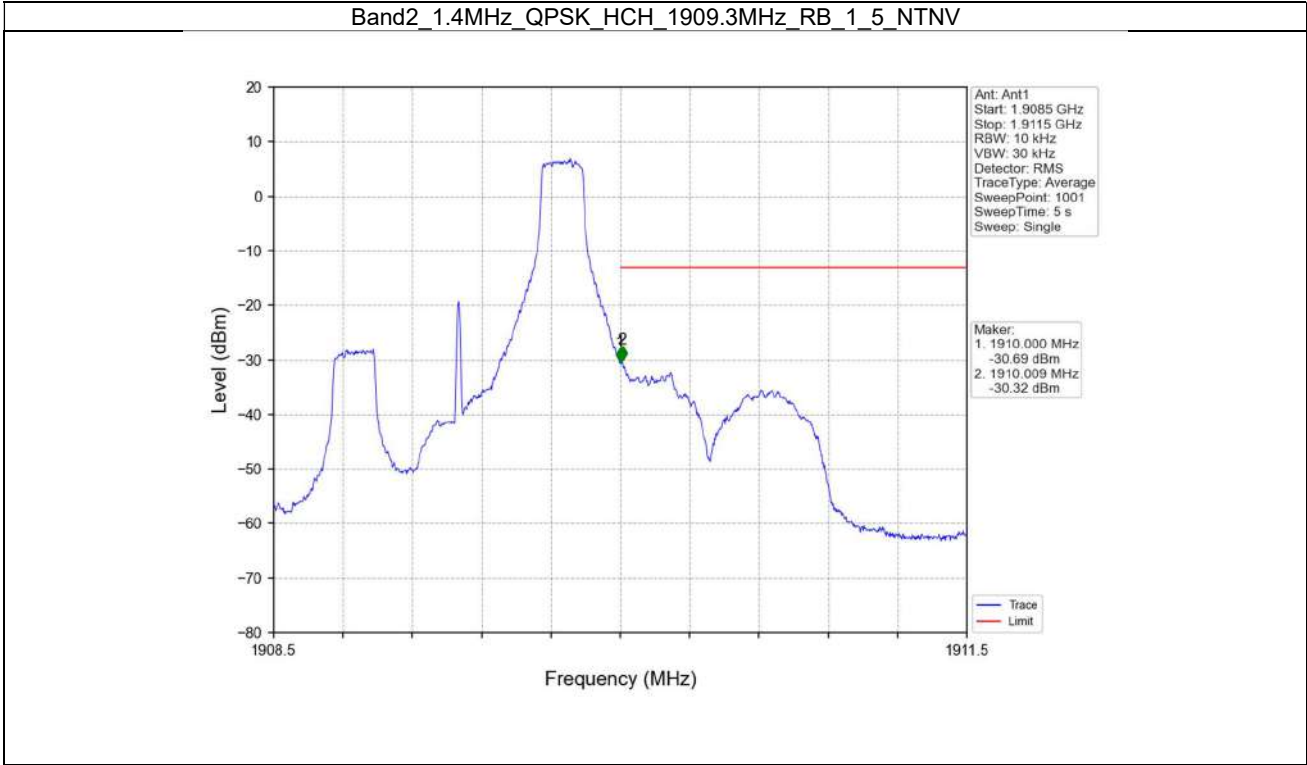
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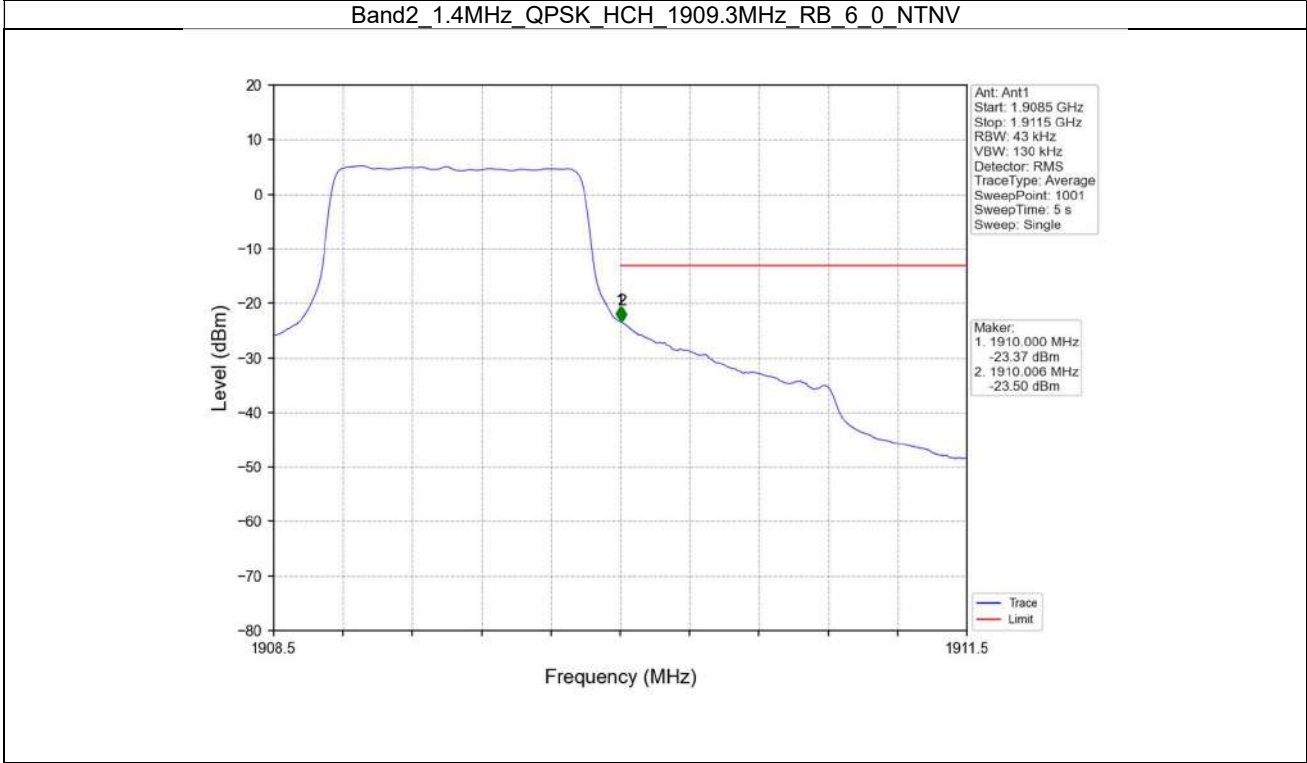


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Band2_1.4MHz_QPSK_HCH_1909.3MHz_RB_6_0_NTNV

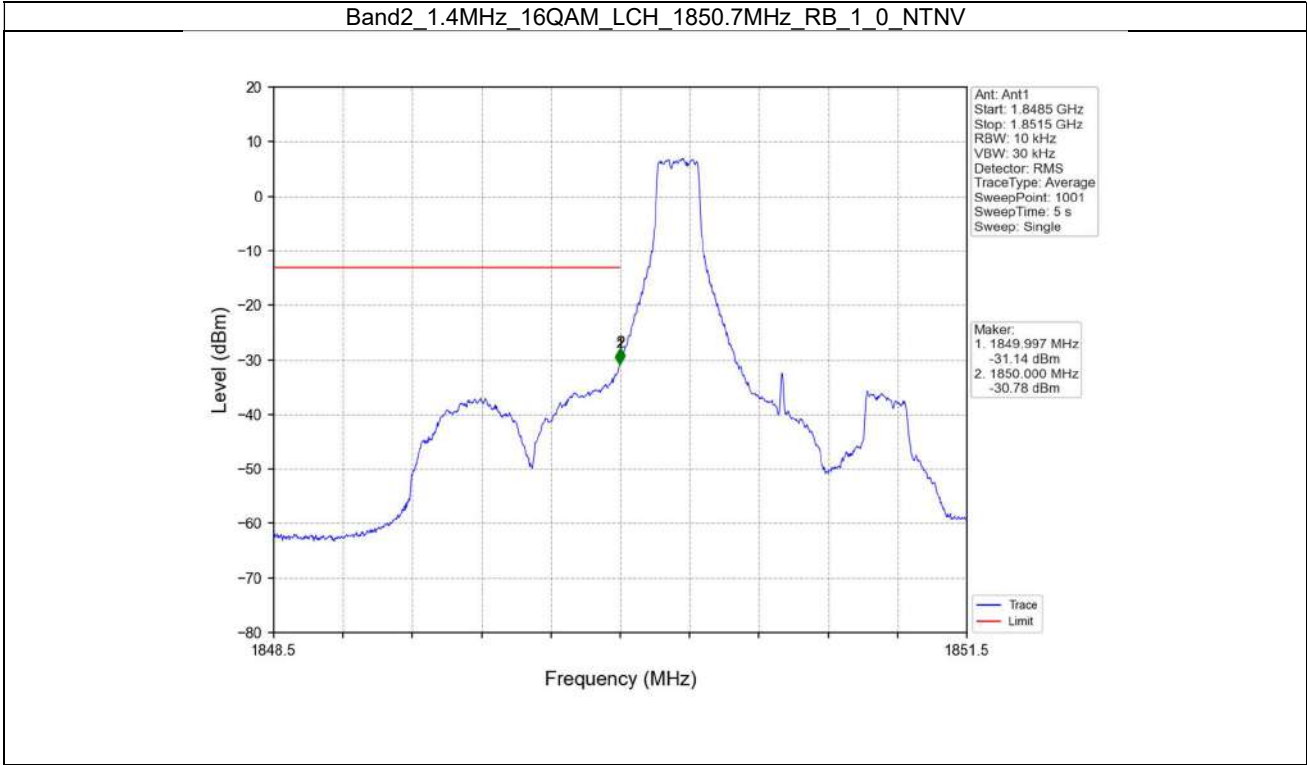


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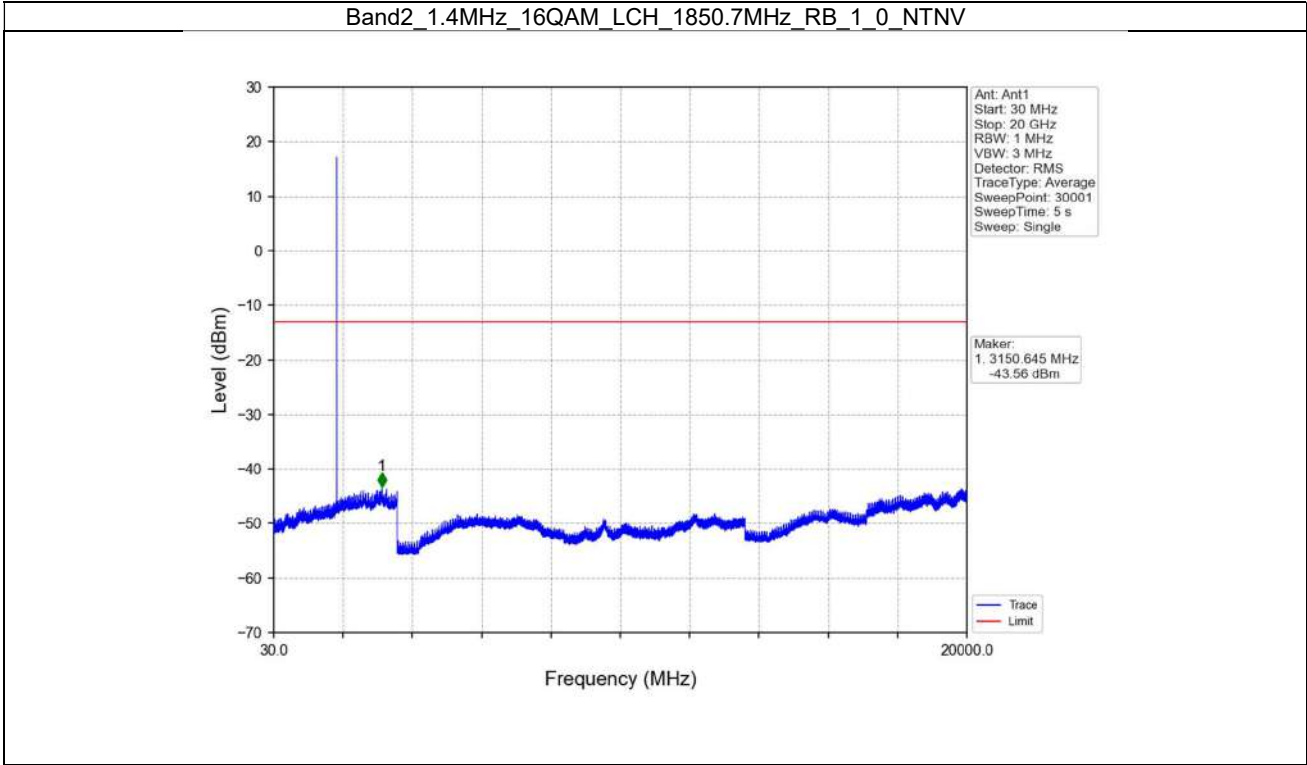
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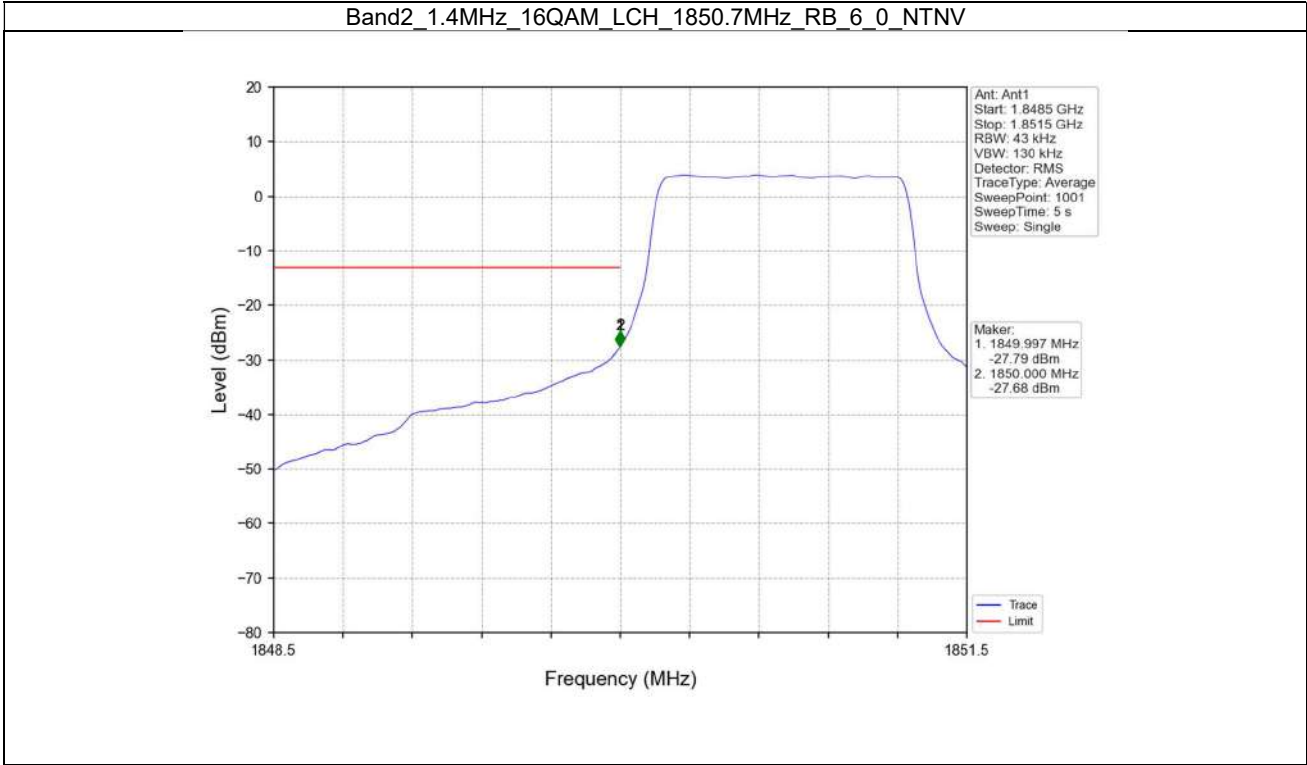
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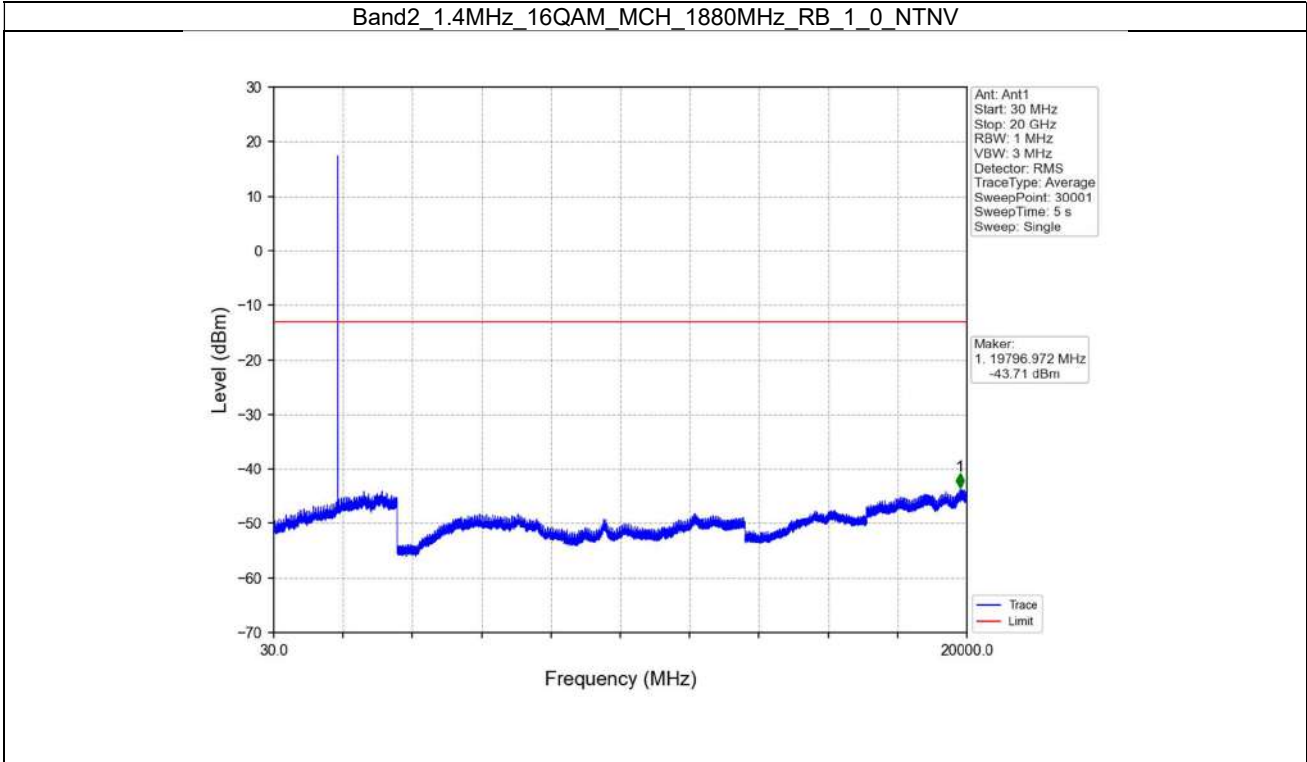


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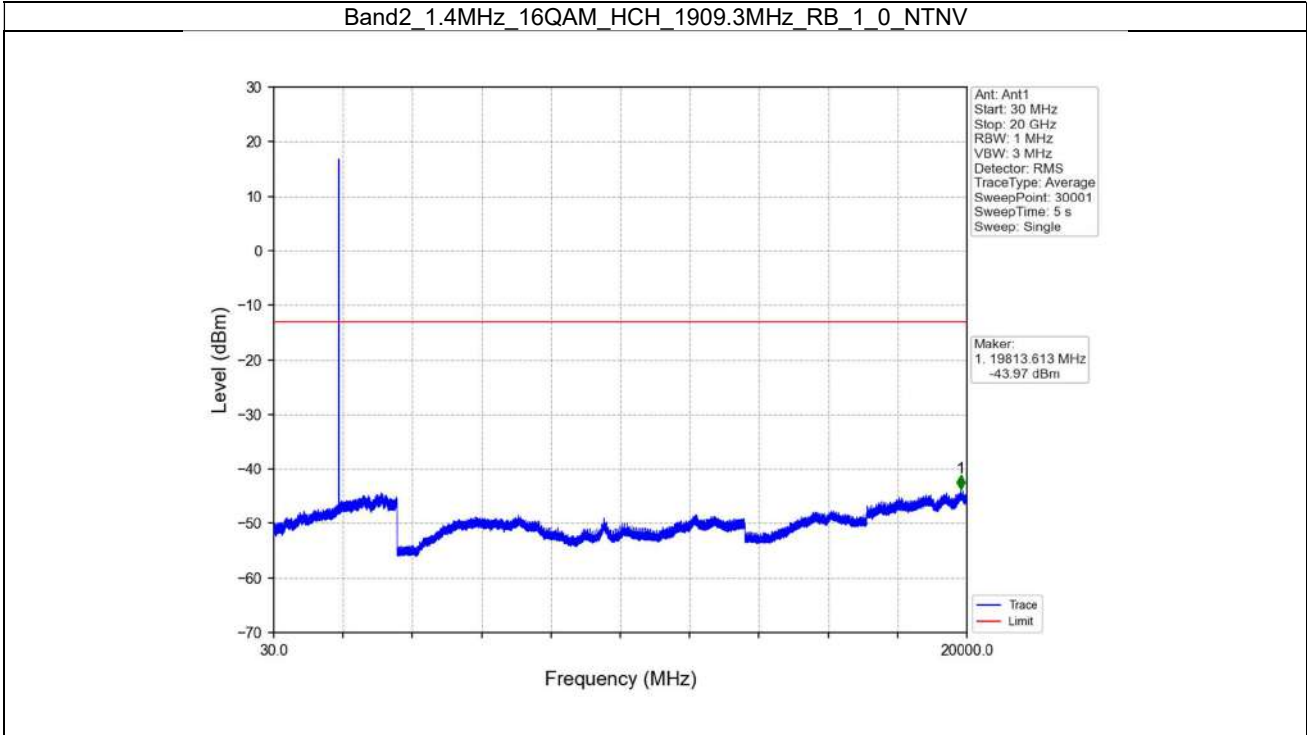
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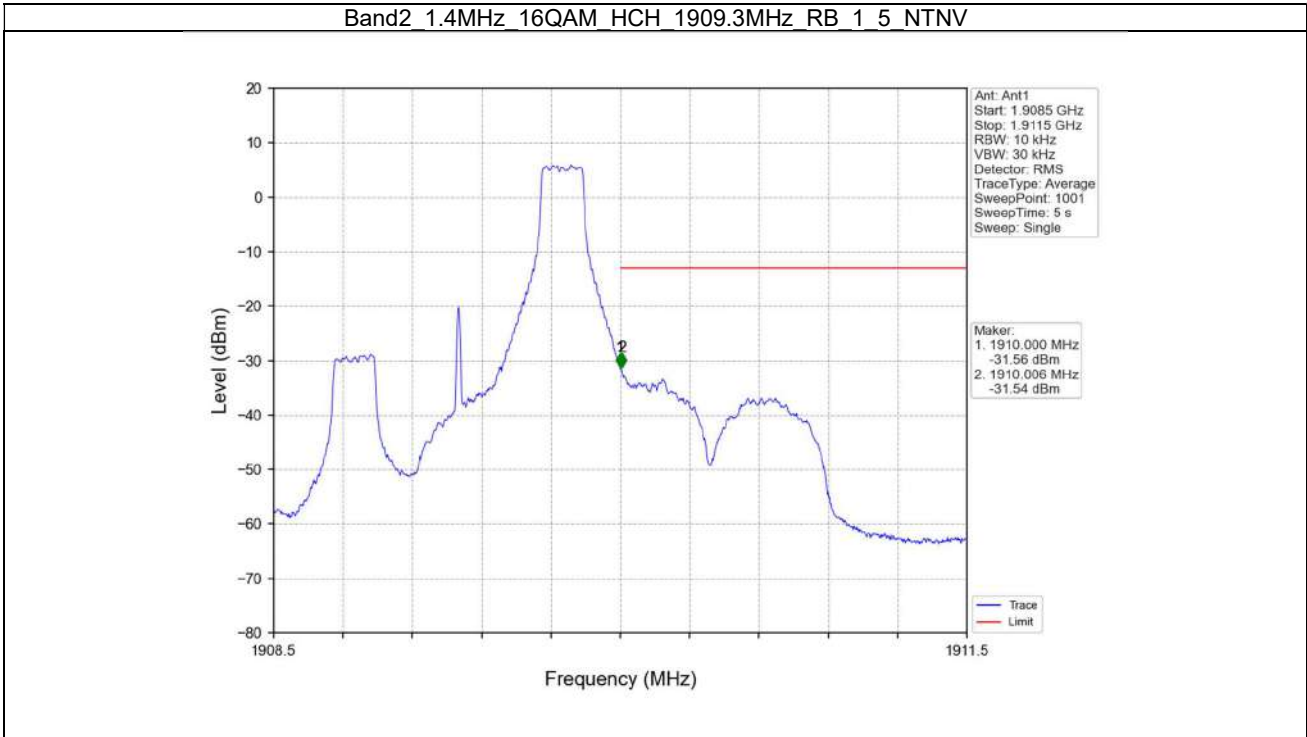
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6.2 B2_3MHz

6.2.1 Test Result

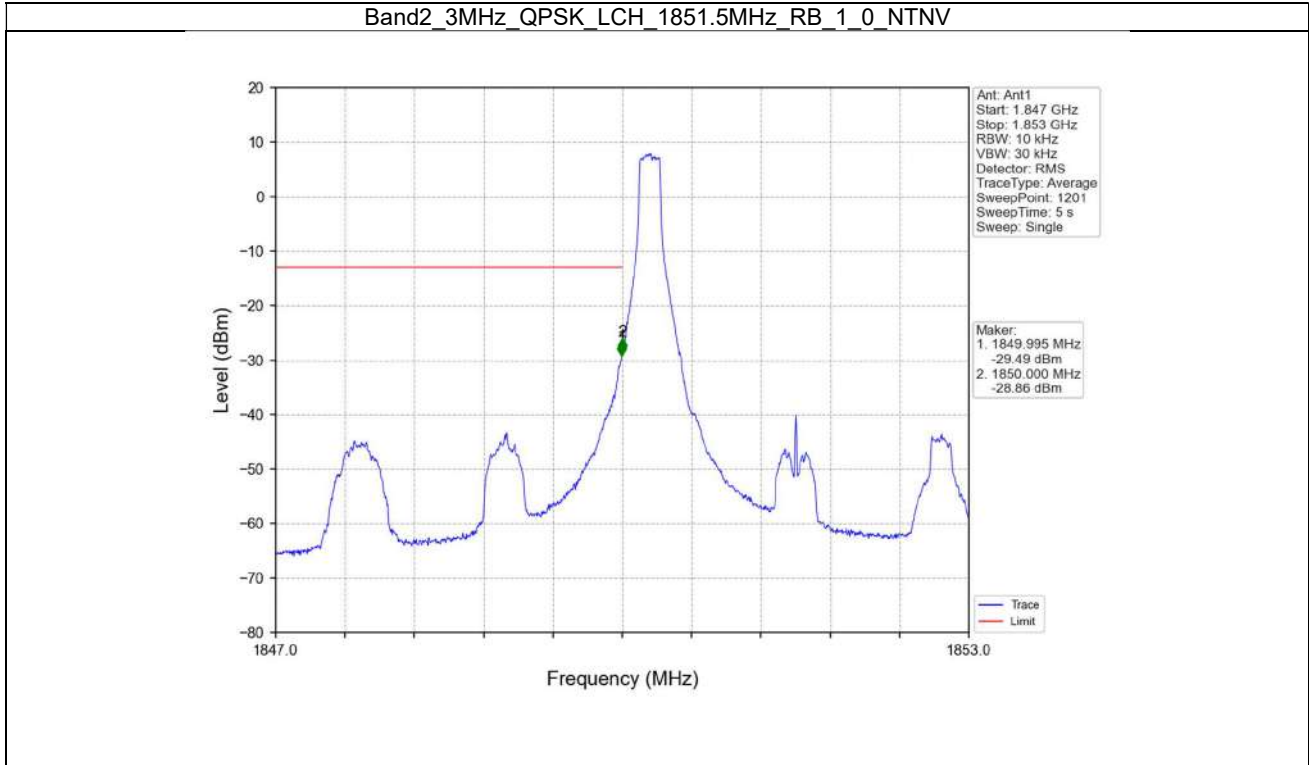
Band: 2 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1908.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass



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6.2.2 Test Graph

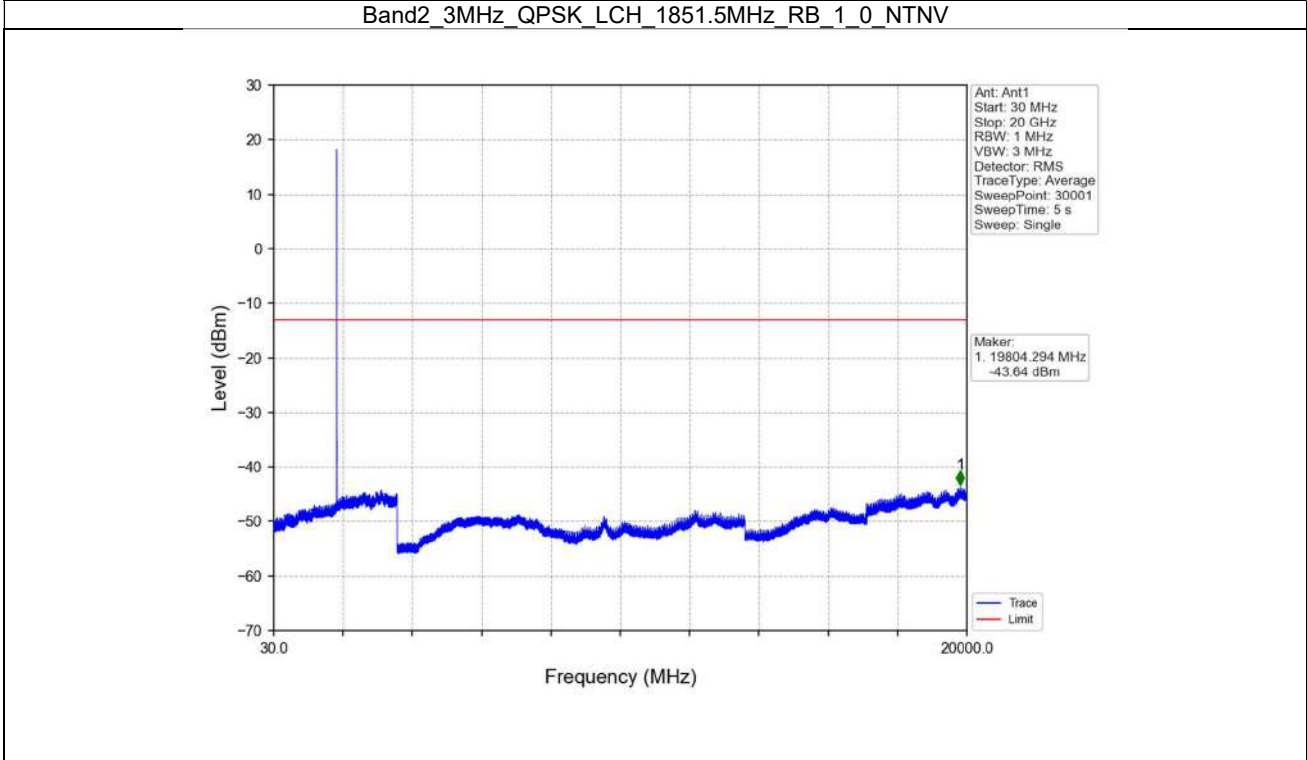


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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

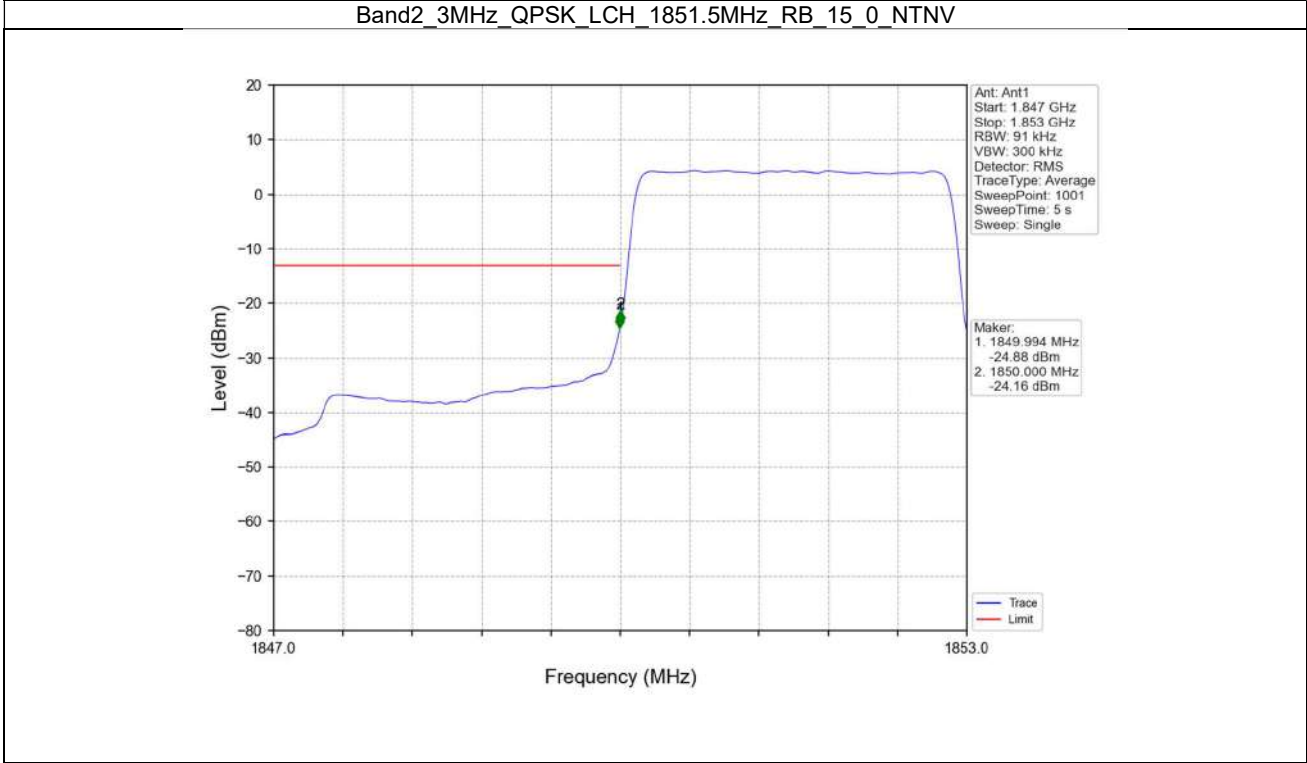


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Band2_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



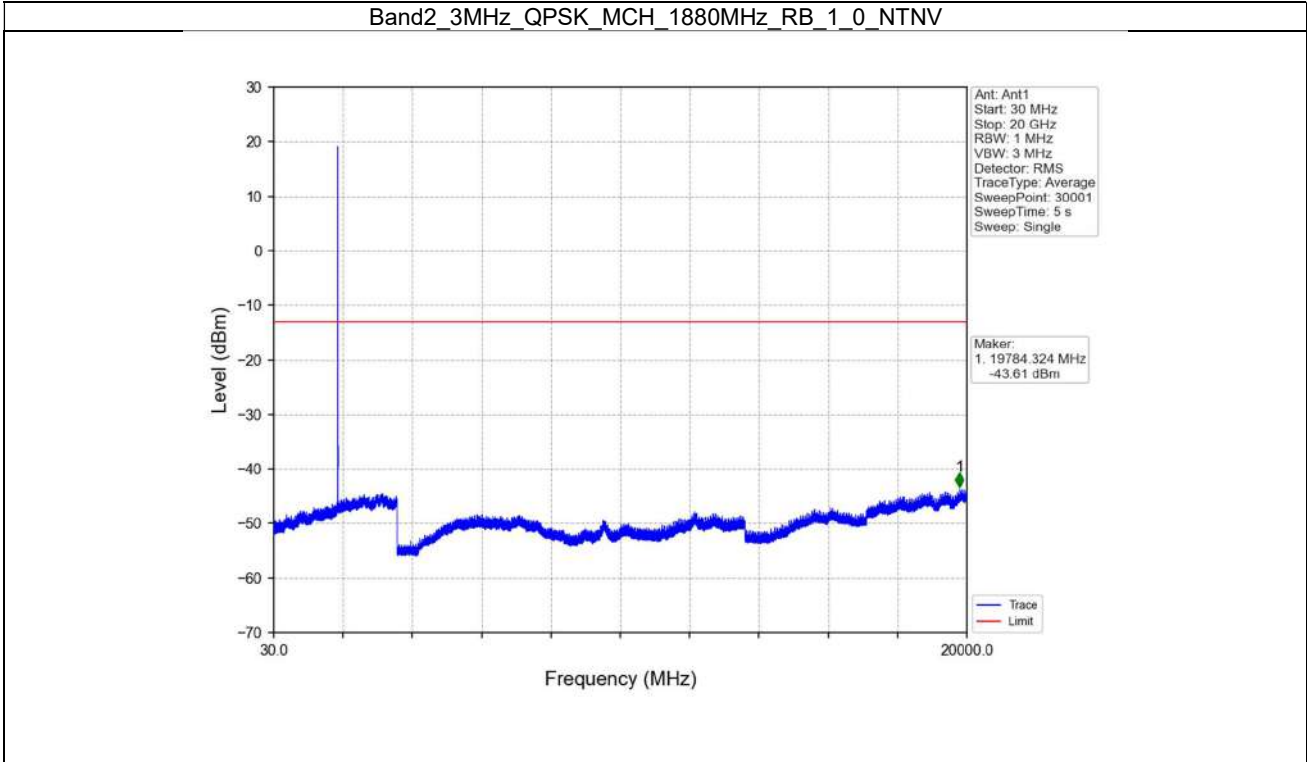
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Band2_3MHz_QPSK_MCH_1880MHz_RB_1_0_NTNV



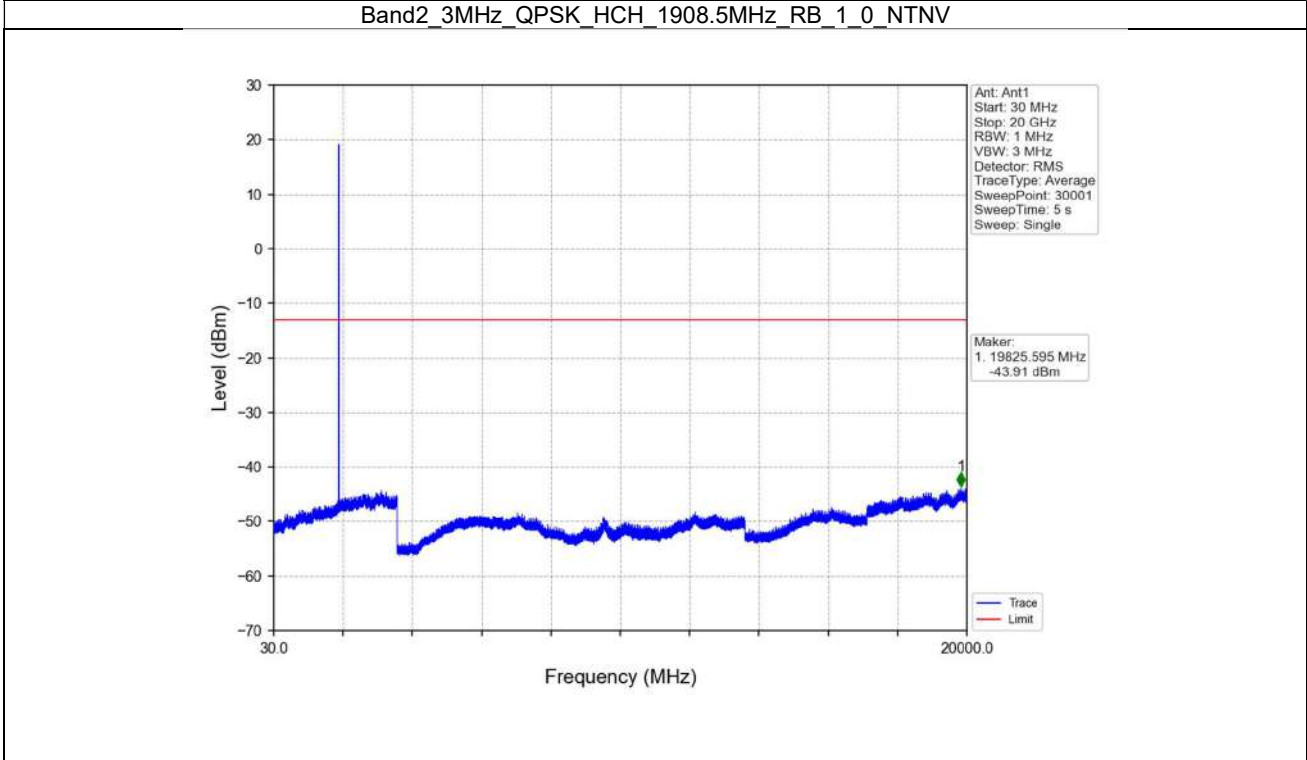
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Band2_3MHz_QPSK_HCH_1908.5MHz_RB_1_0_NTNV



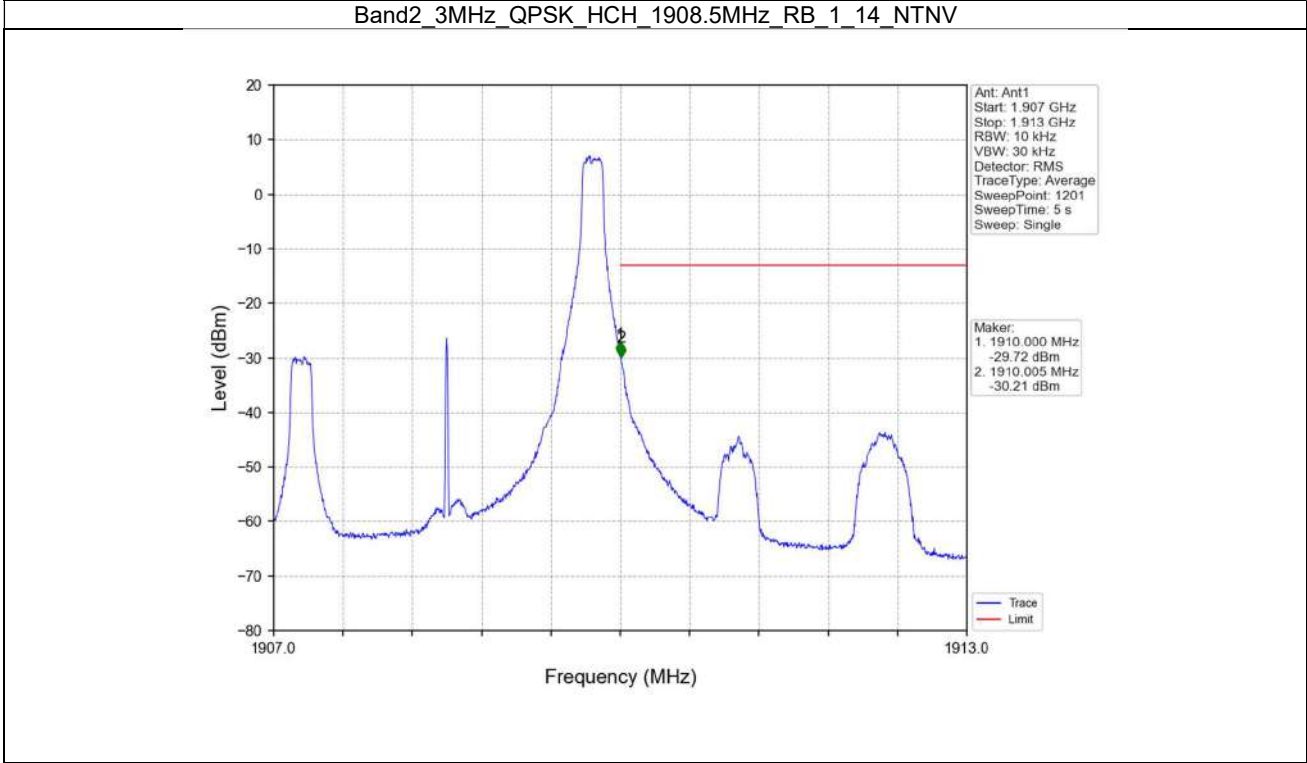
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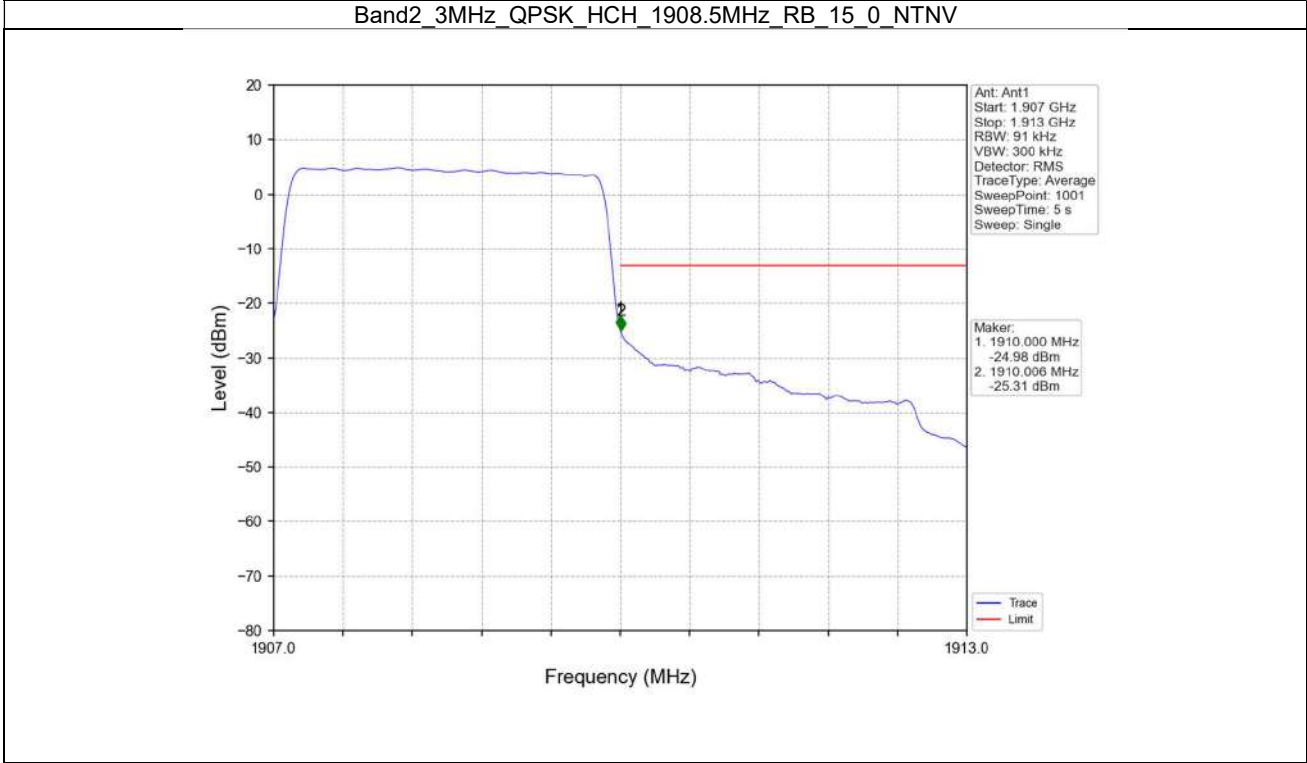


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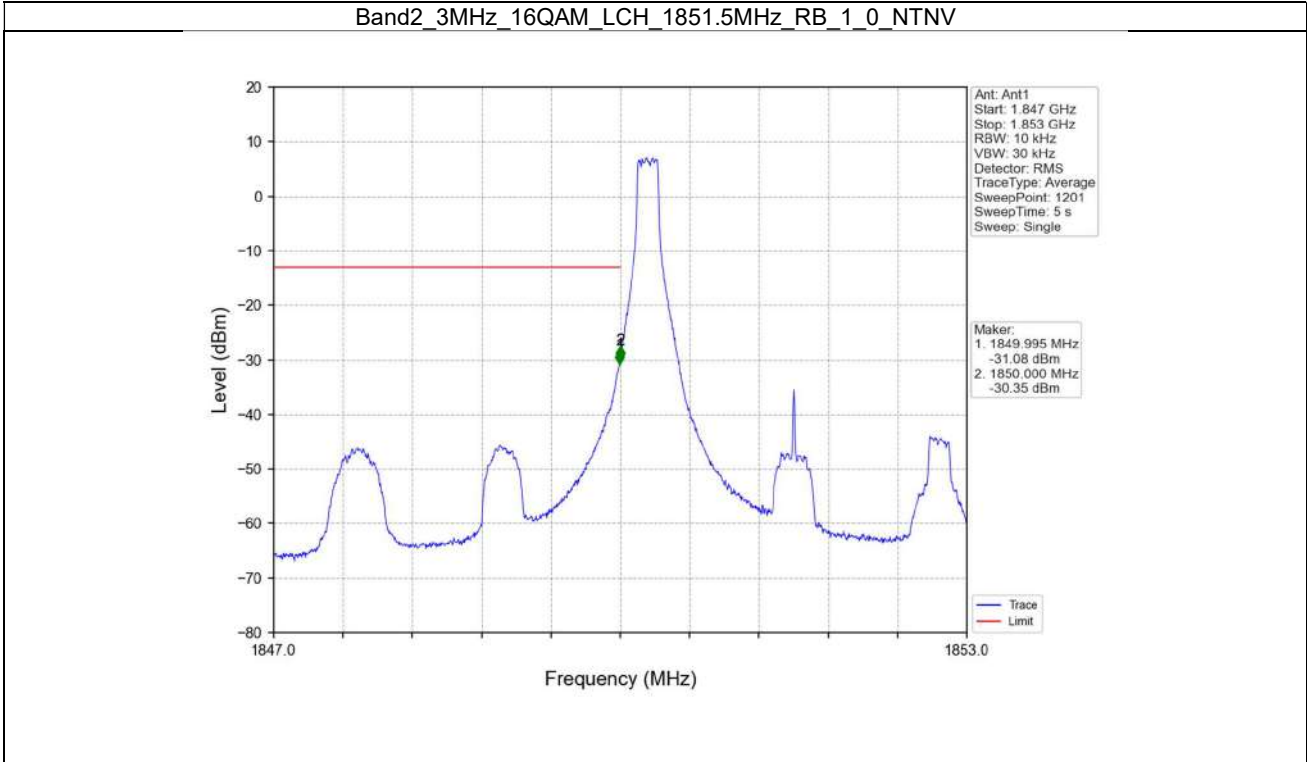


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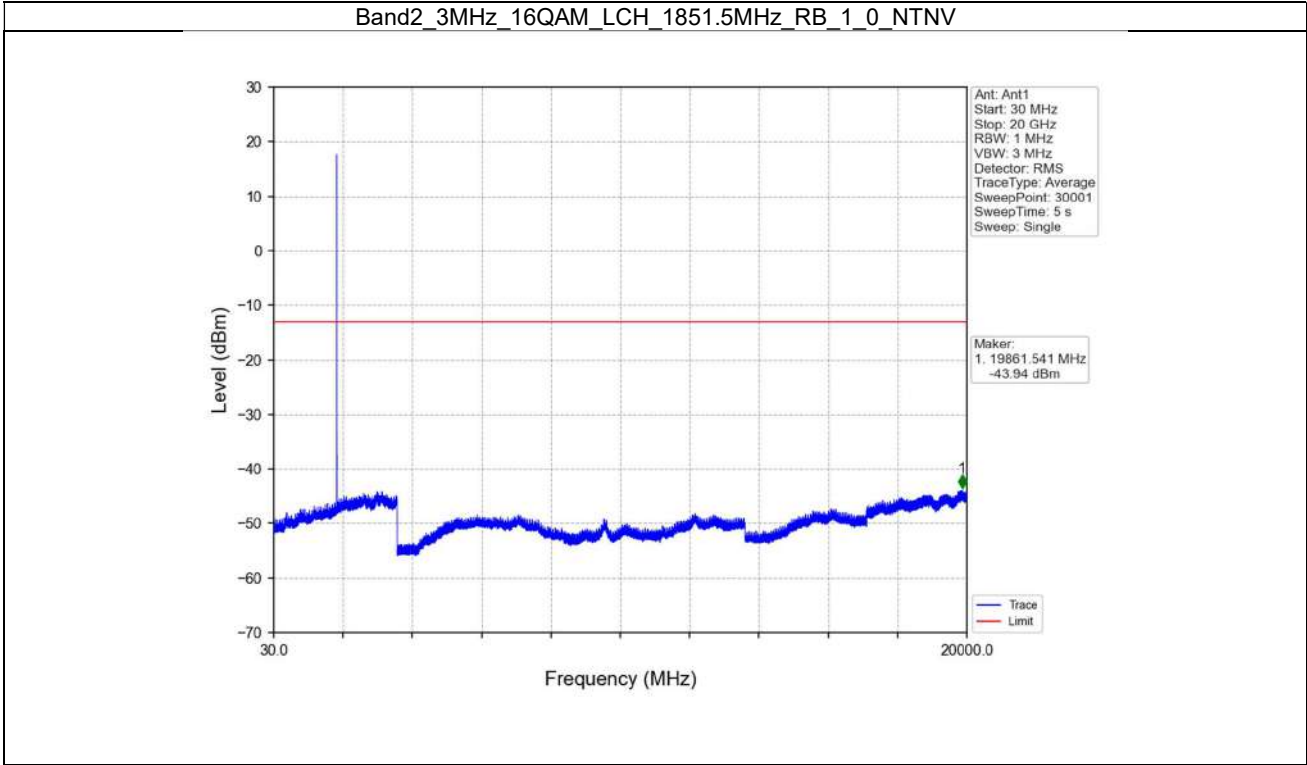


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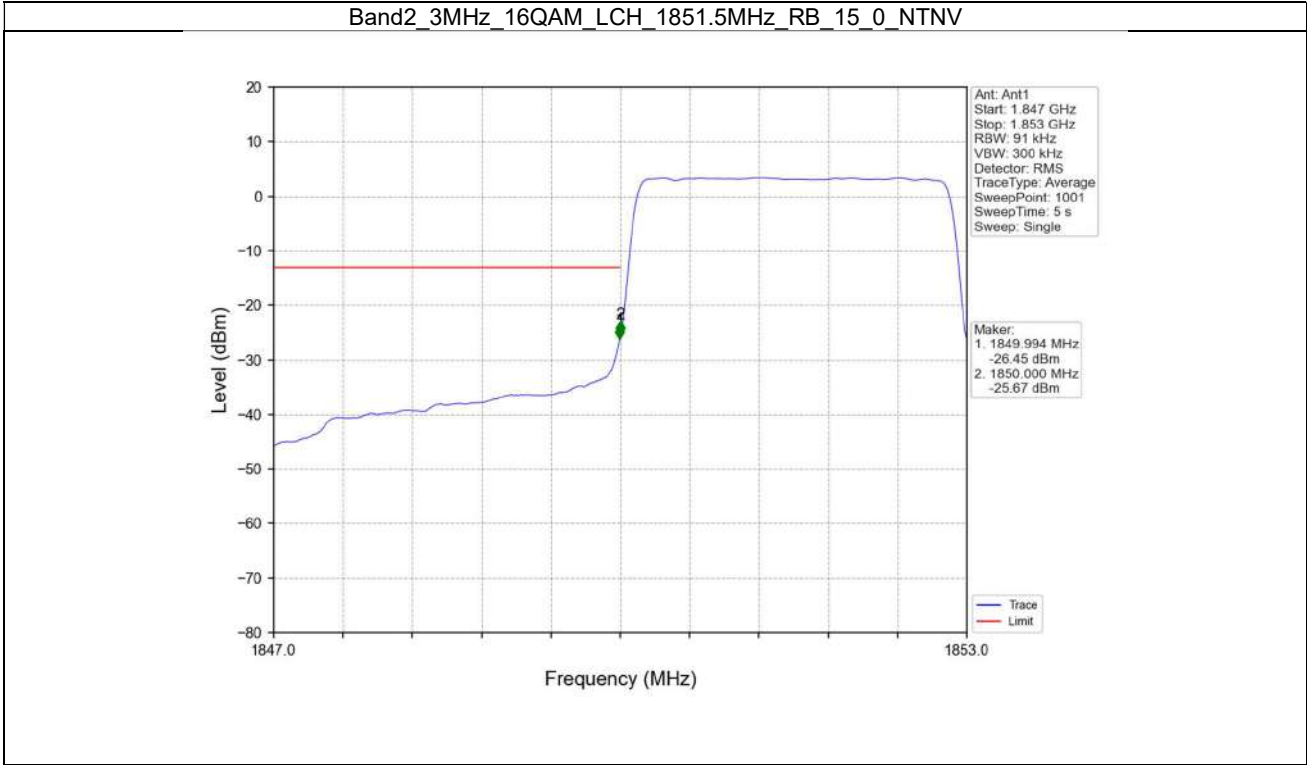
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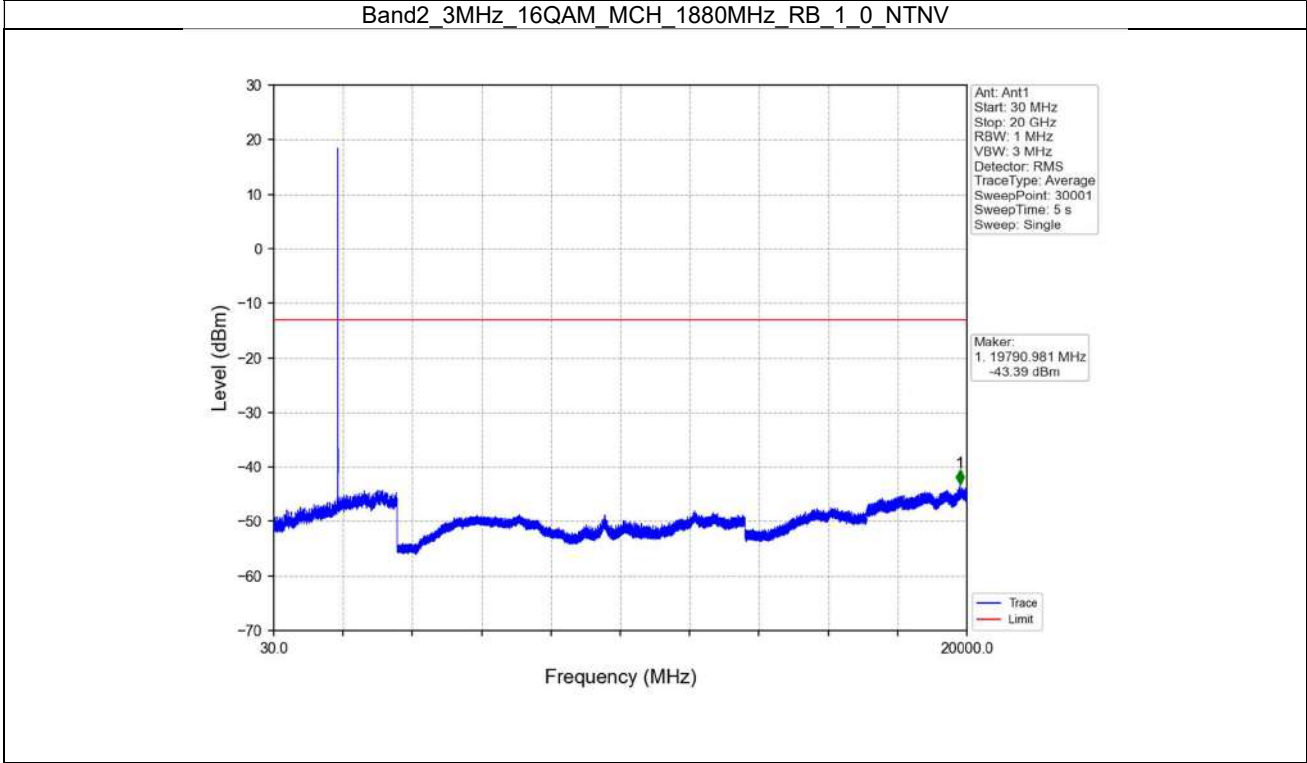


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Band2_3MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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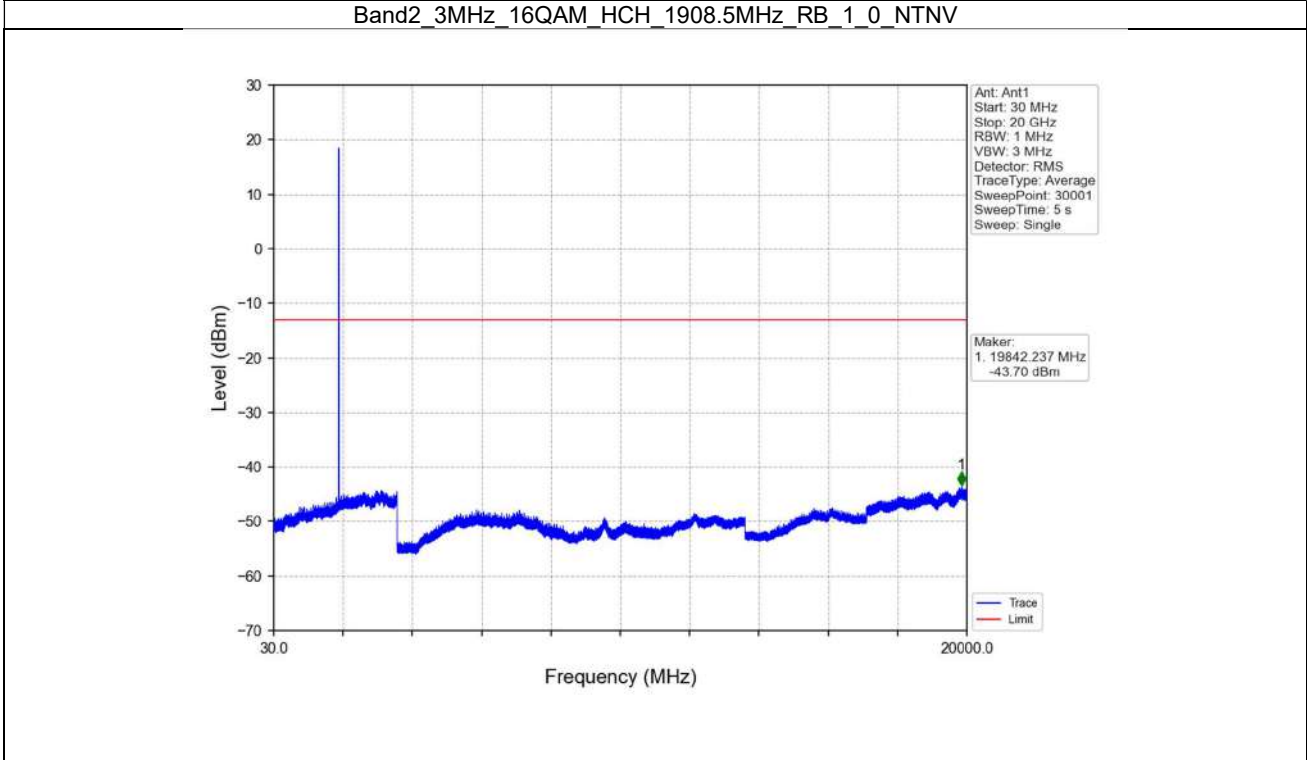
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EMC Laboratory

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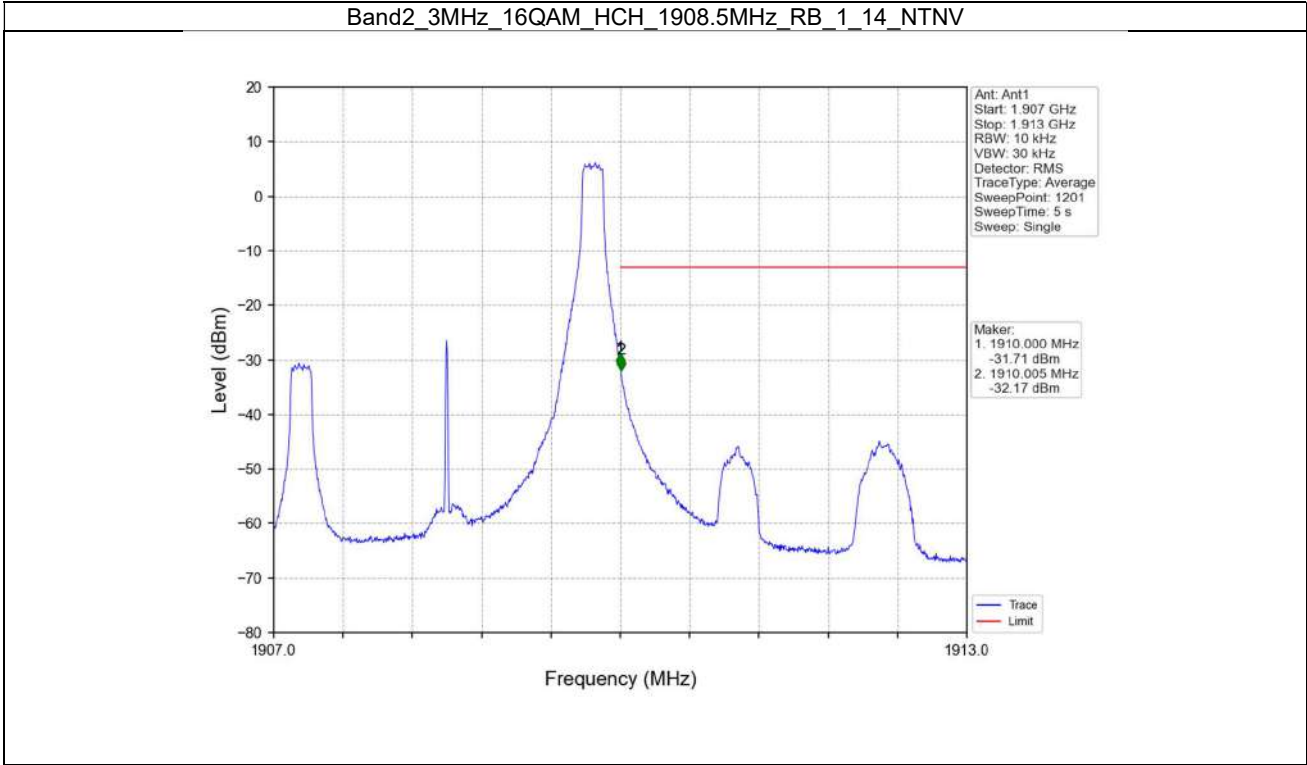
Band2_3MHz_16QAM_HCH_1908.5MHz_RB_1_0_NTNV



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6.3 B2_5MHz

6.3.1 Test Result

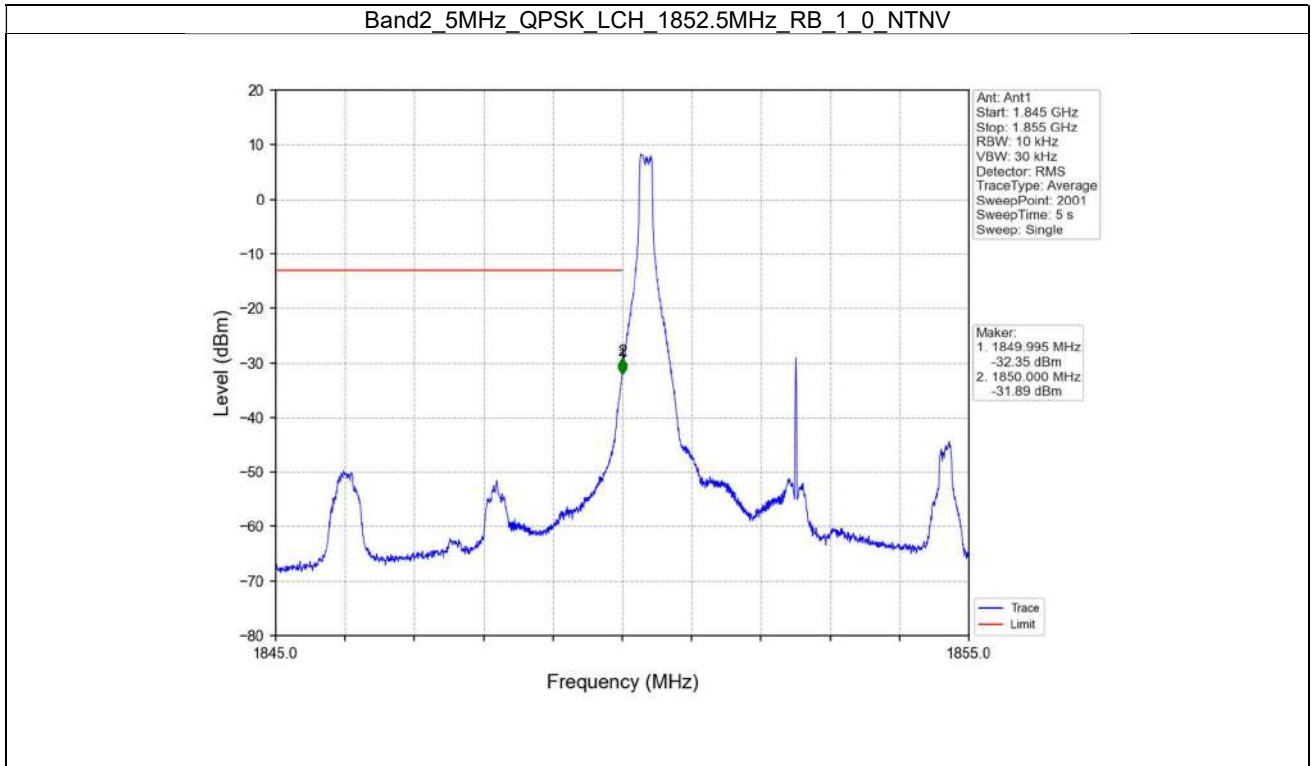
Band: 2 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass



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6.3.2 Test Graph

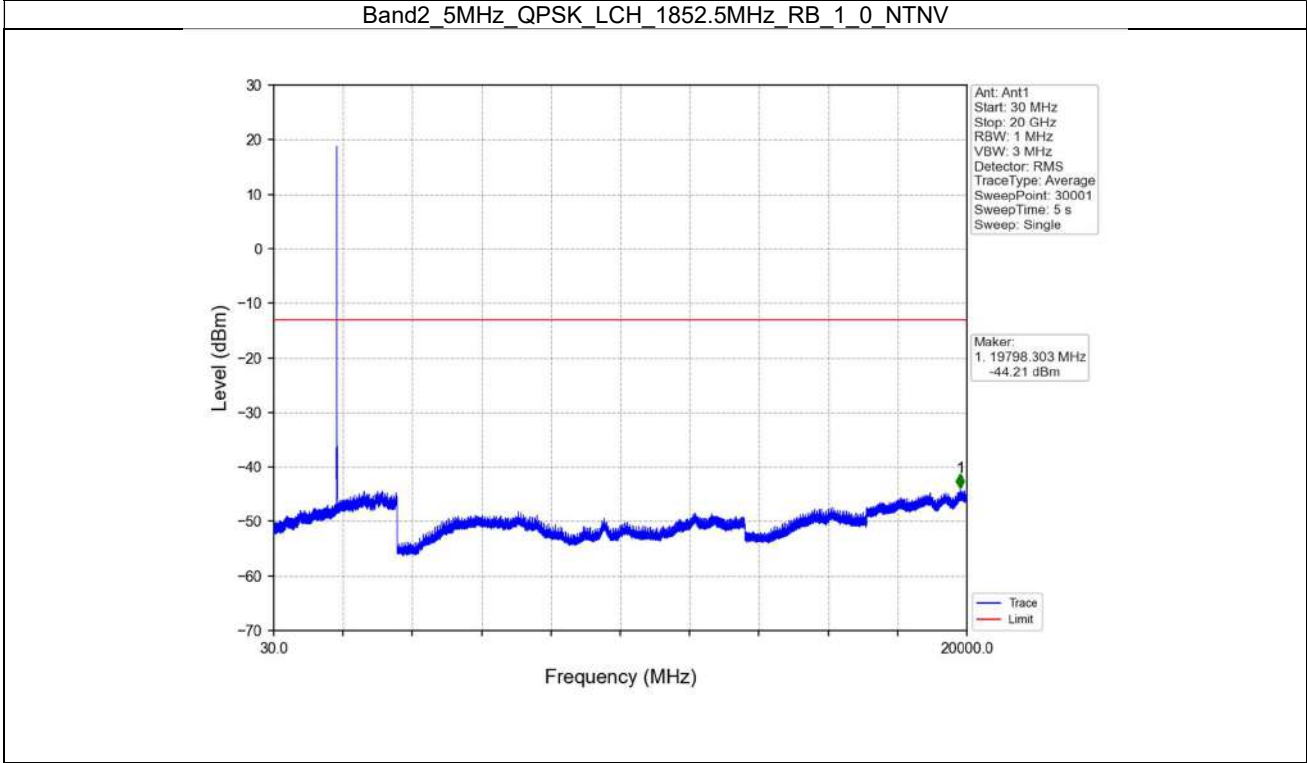


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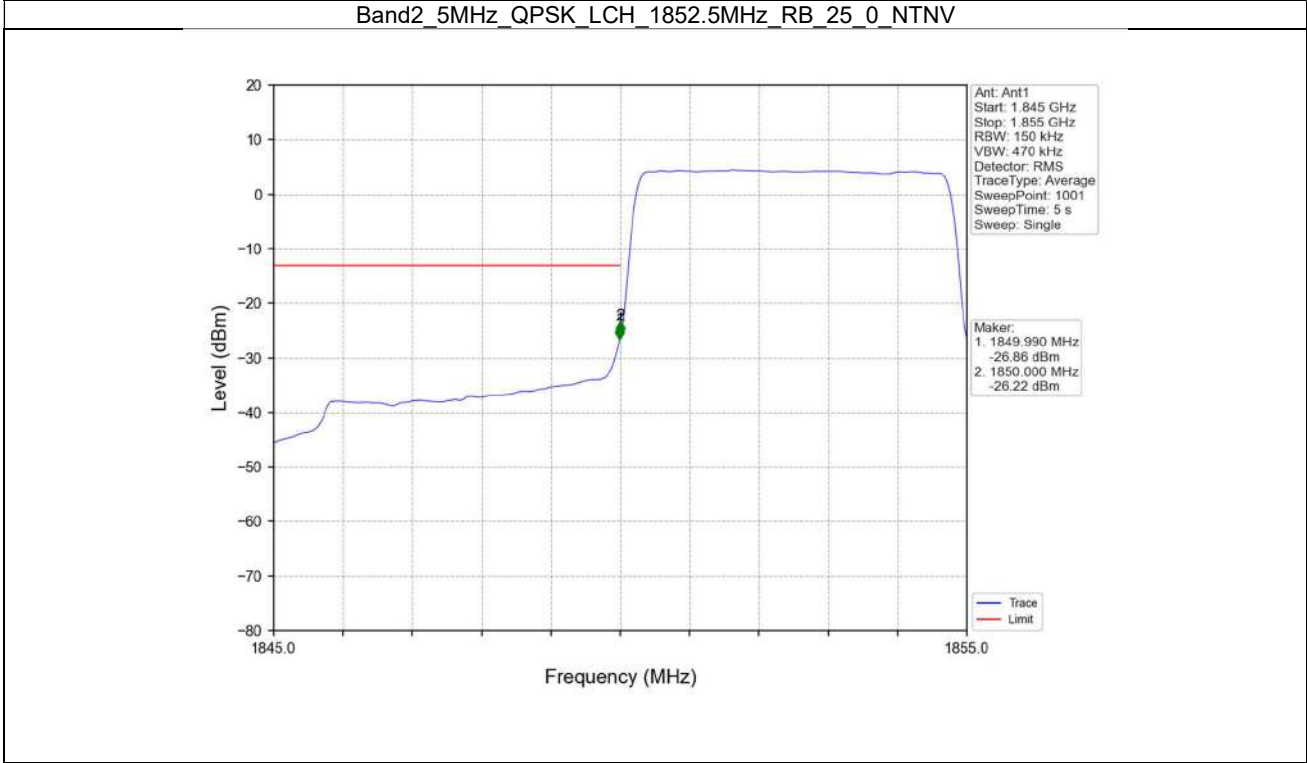


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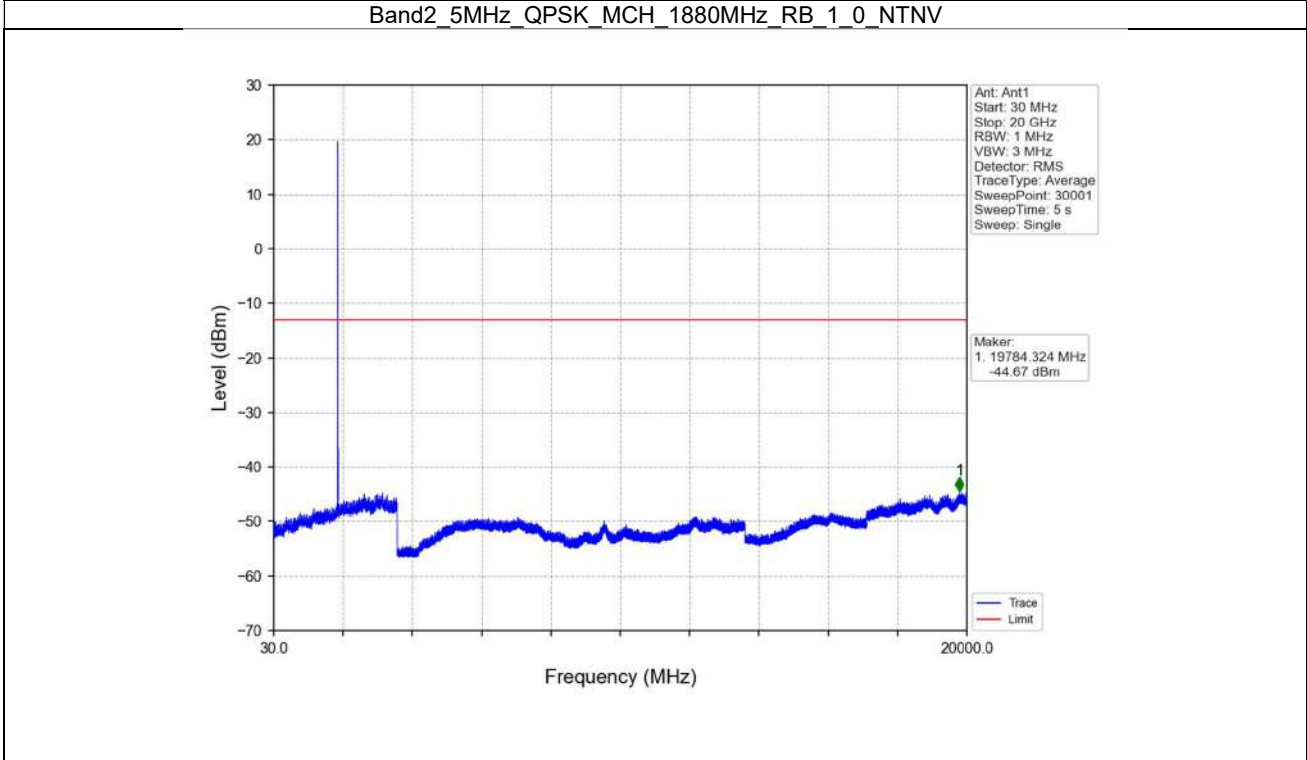
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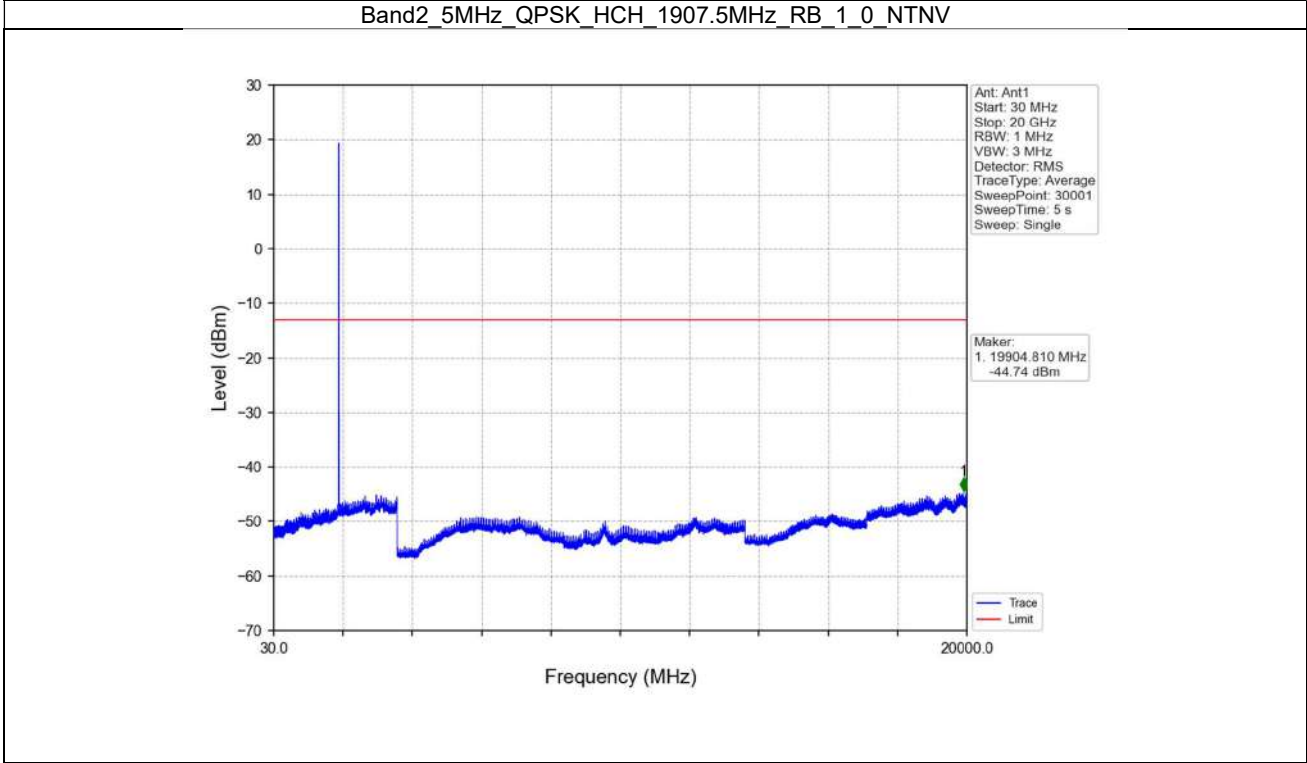


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Band2_5MHz_QPSK_HCH_1907.5MHz_RB_1_0_NTNV



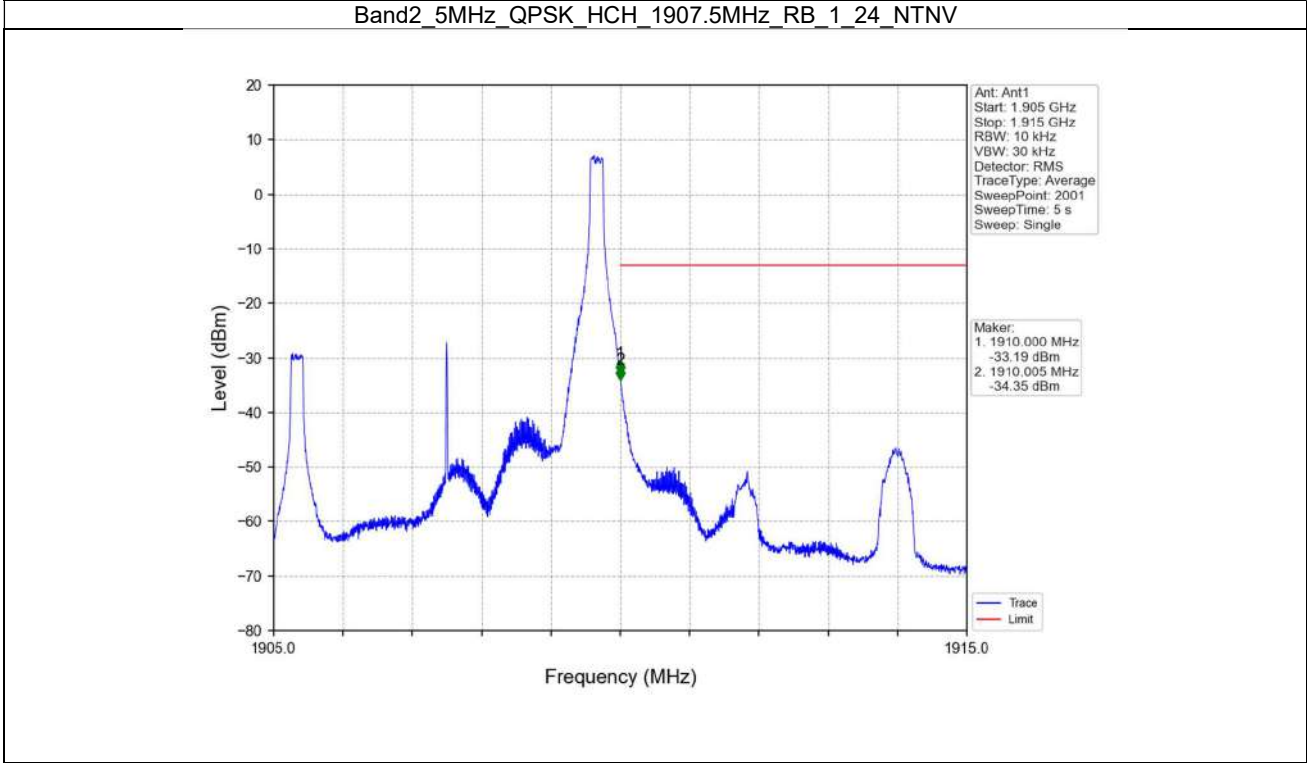
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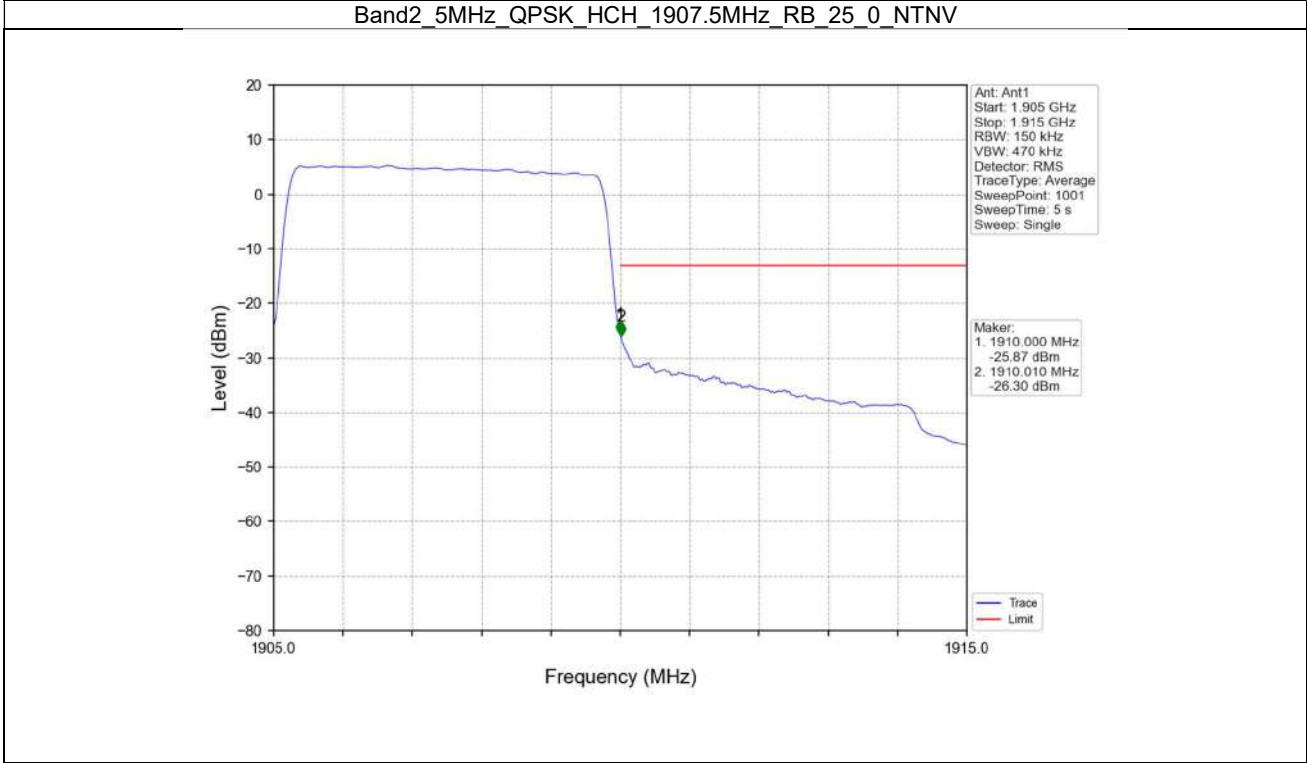
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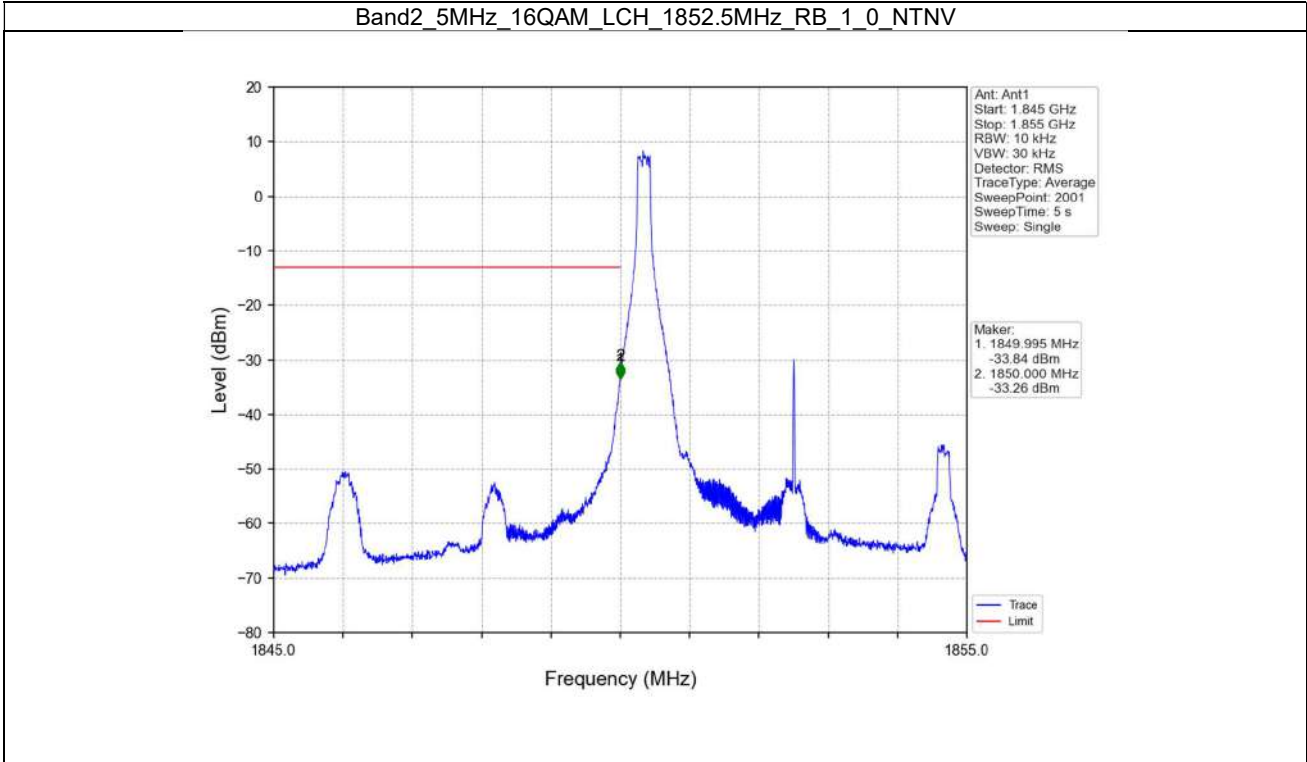
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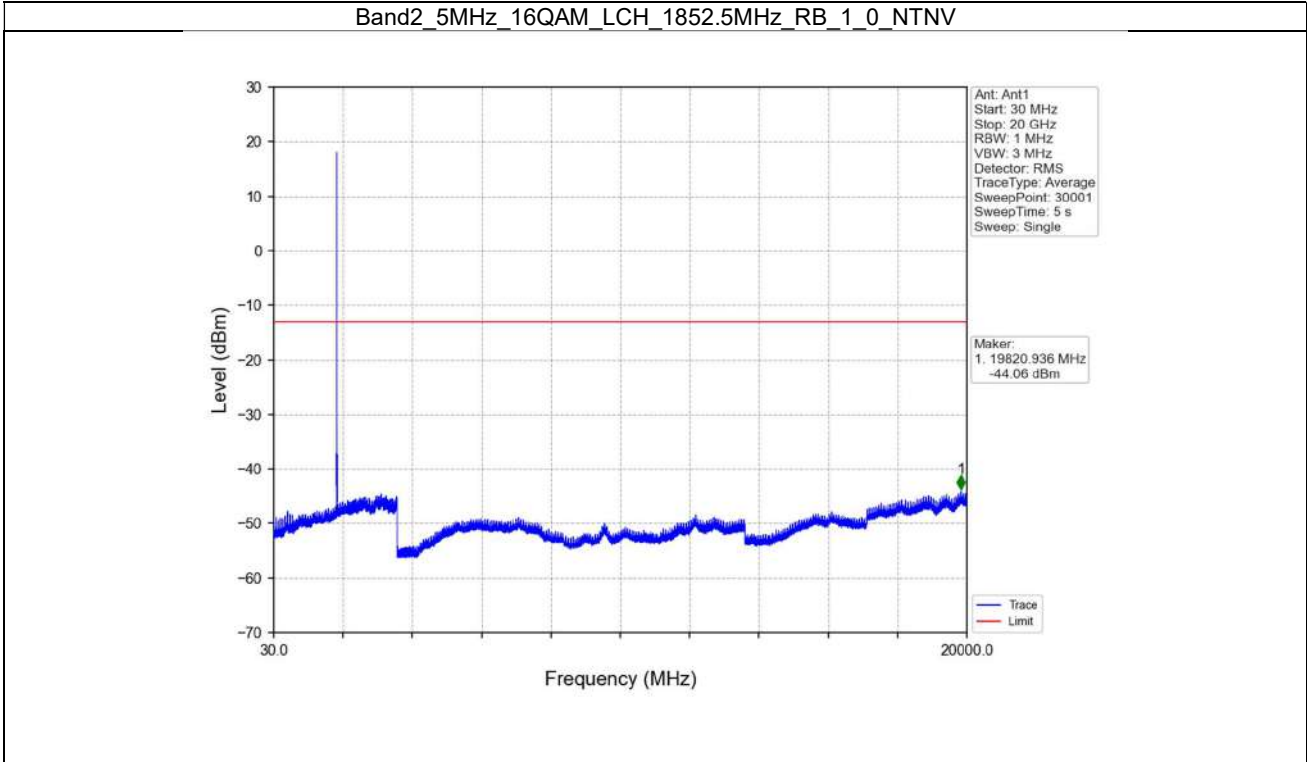
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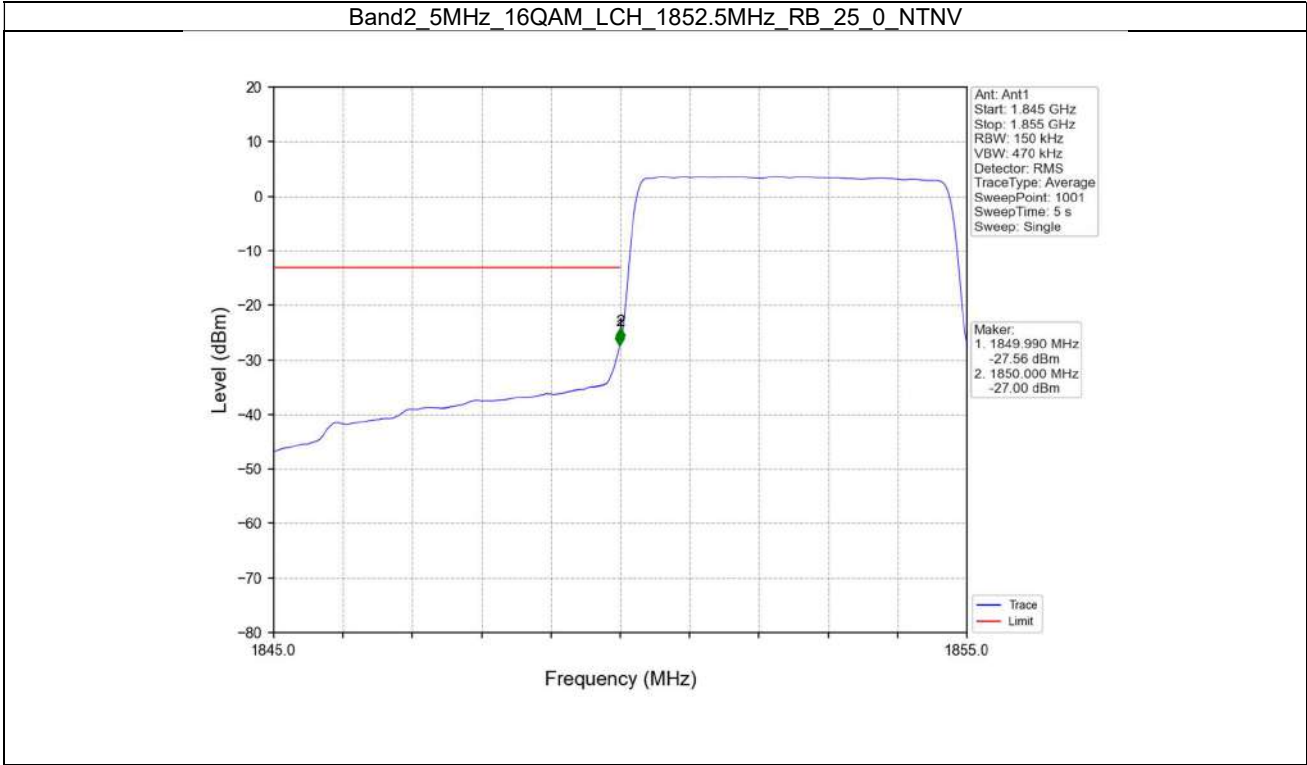
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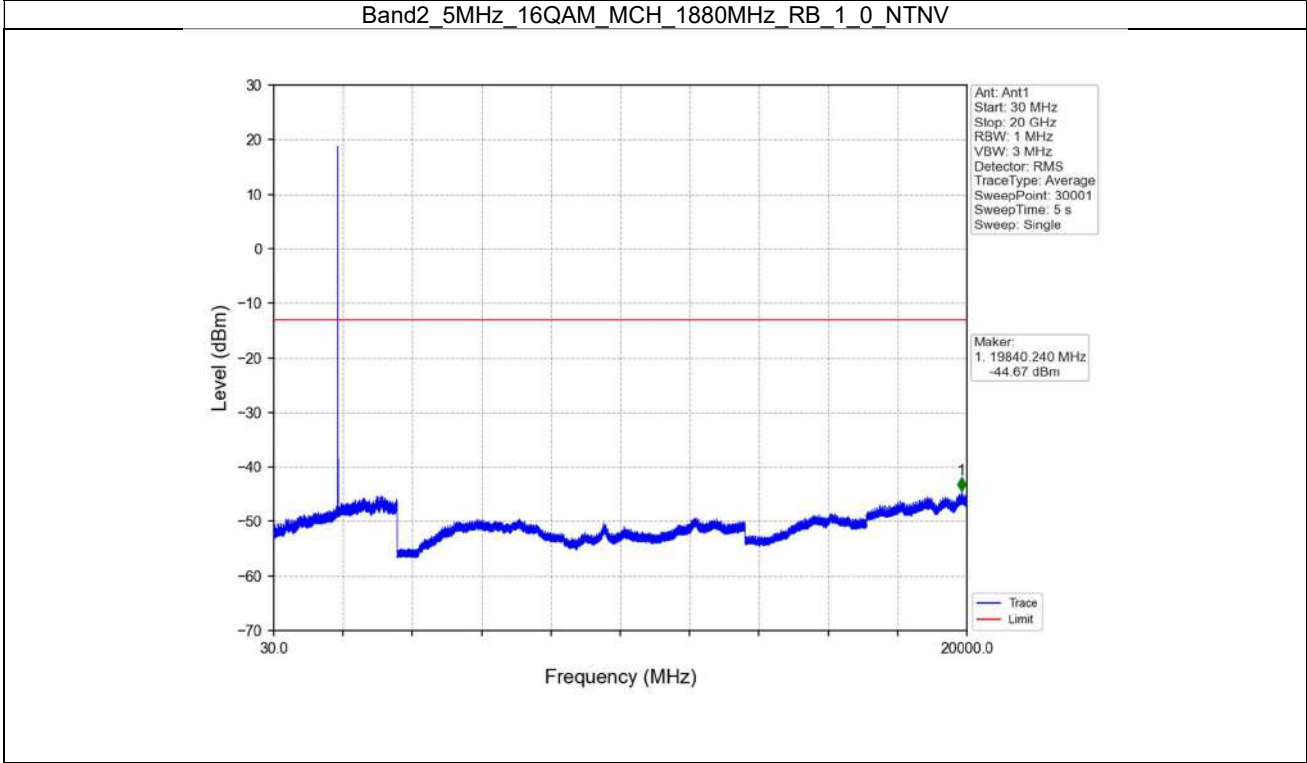


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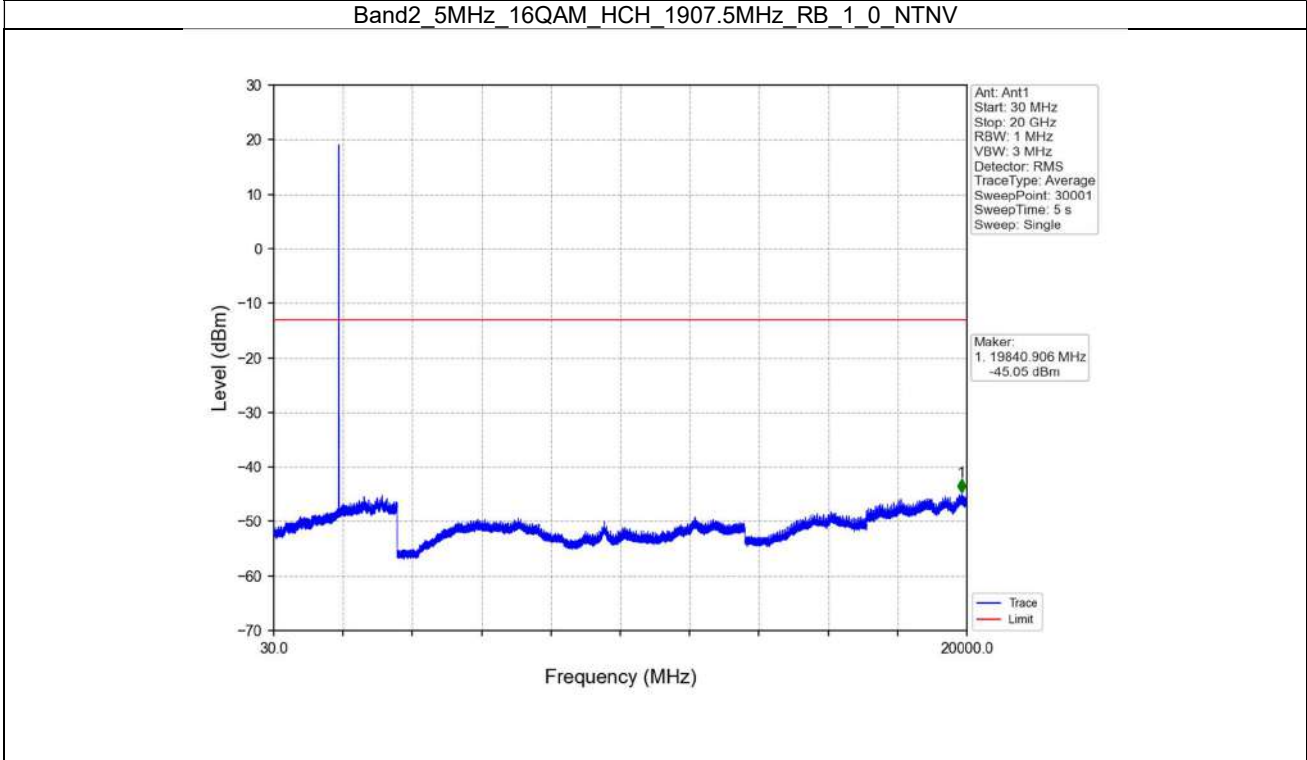
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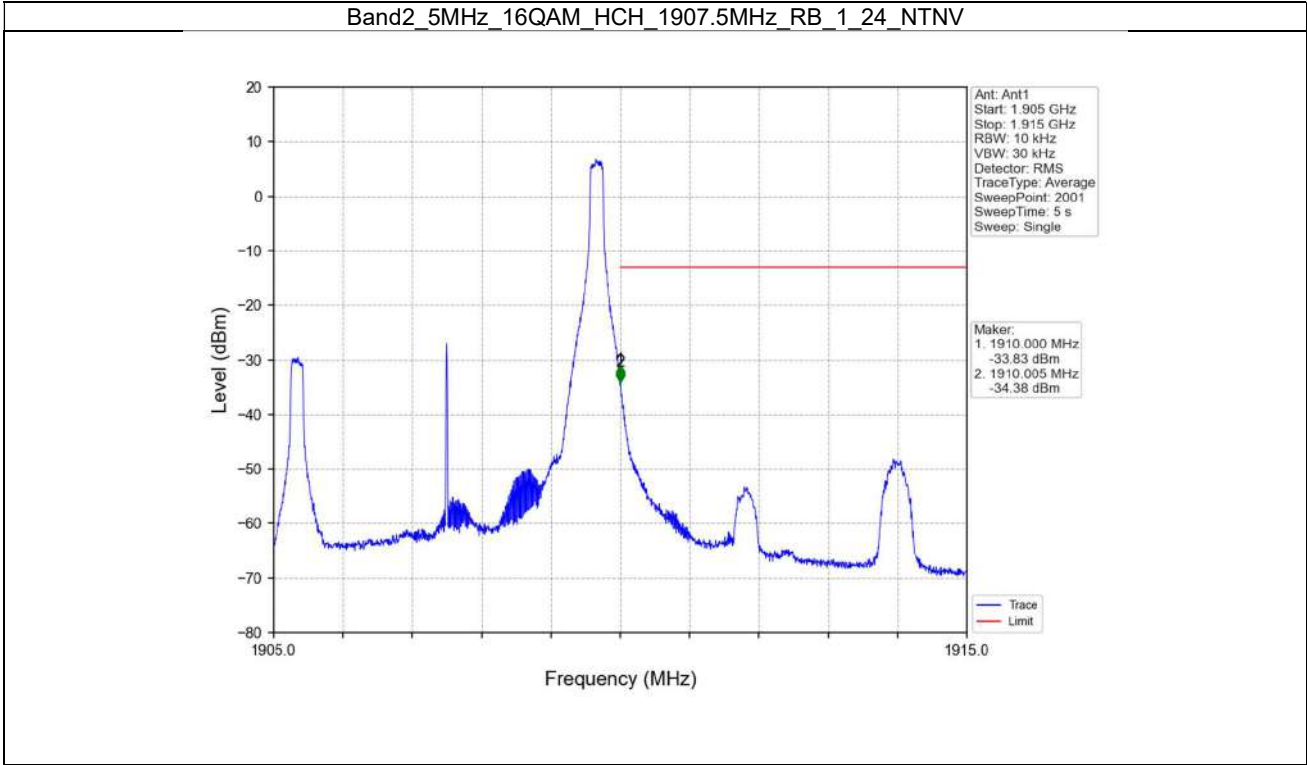
Band2_5MHz_16QAM_HCH_1907.5MHz_RB_1_0_NTNV



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6.4 B2_10MHz

6.4.1 Test Result

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



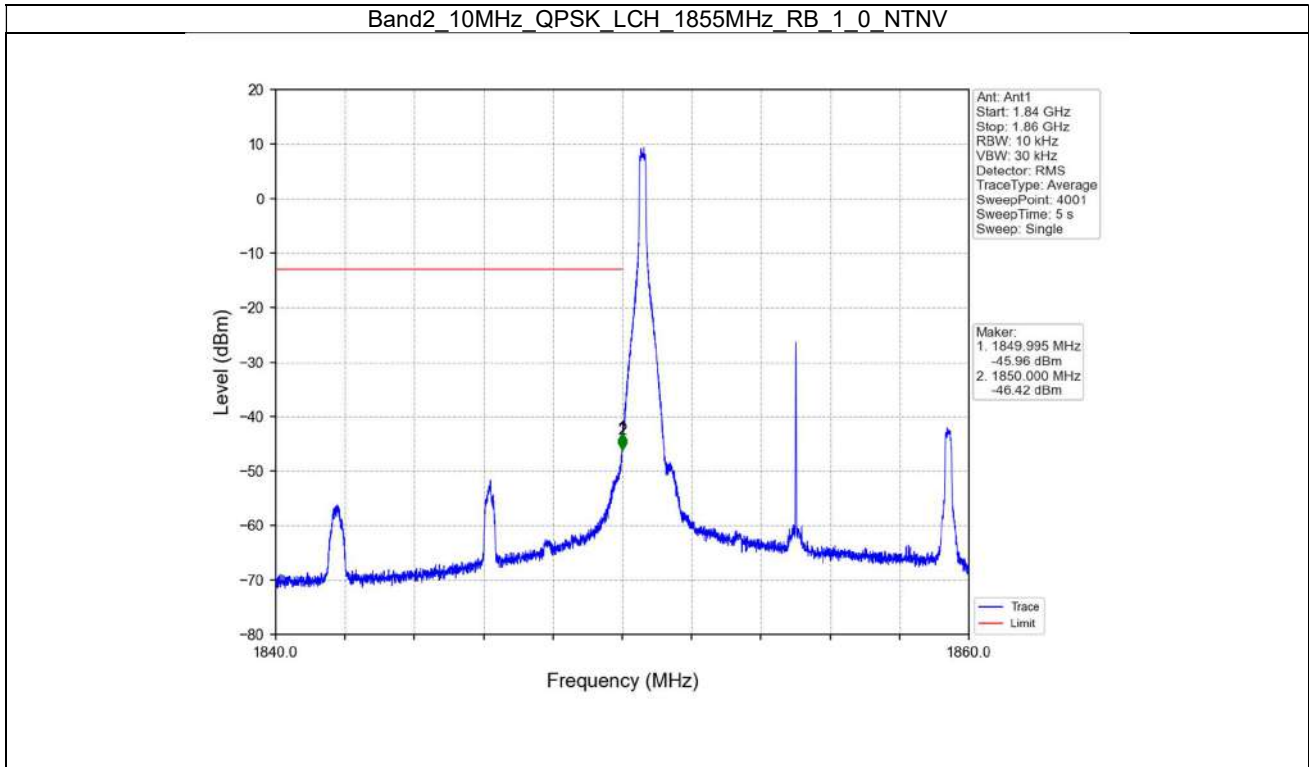
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6.4.2 Test Graph



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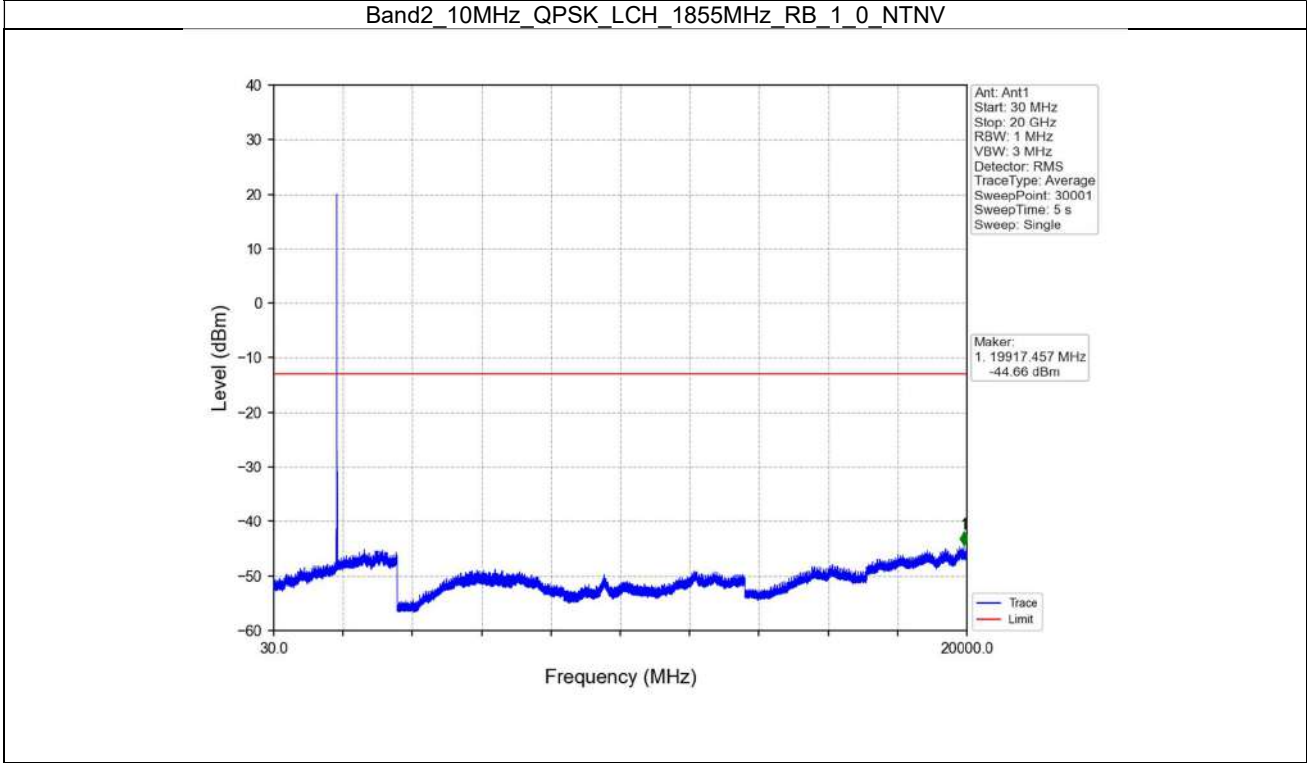
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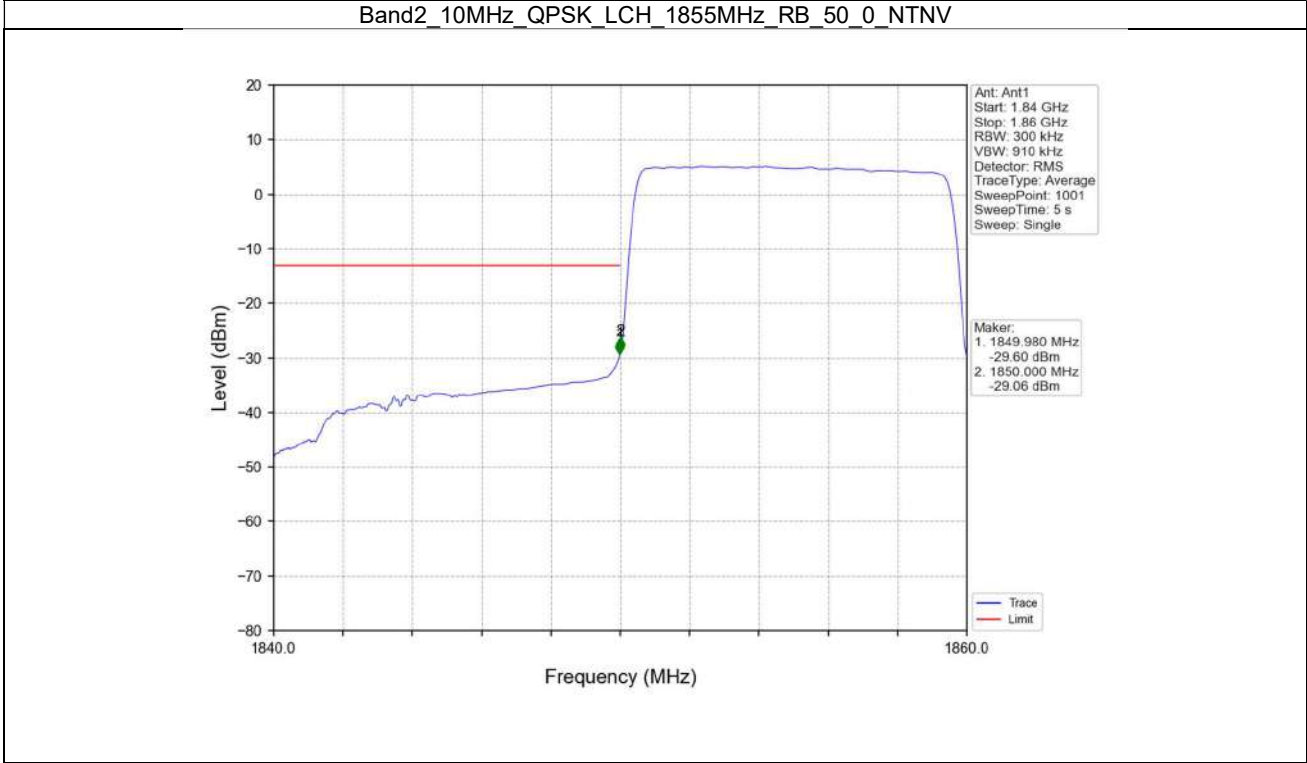


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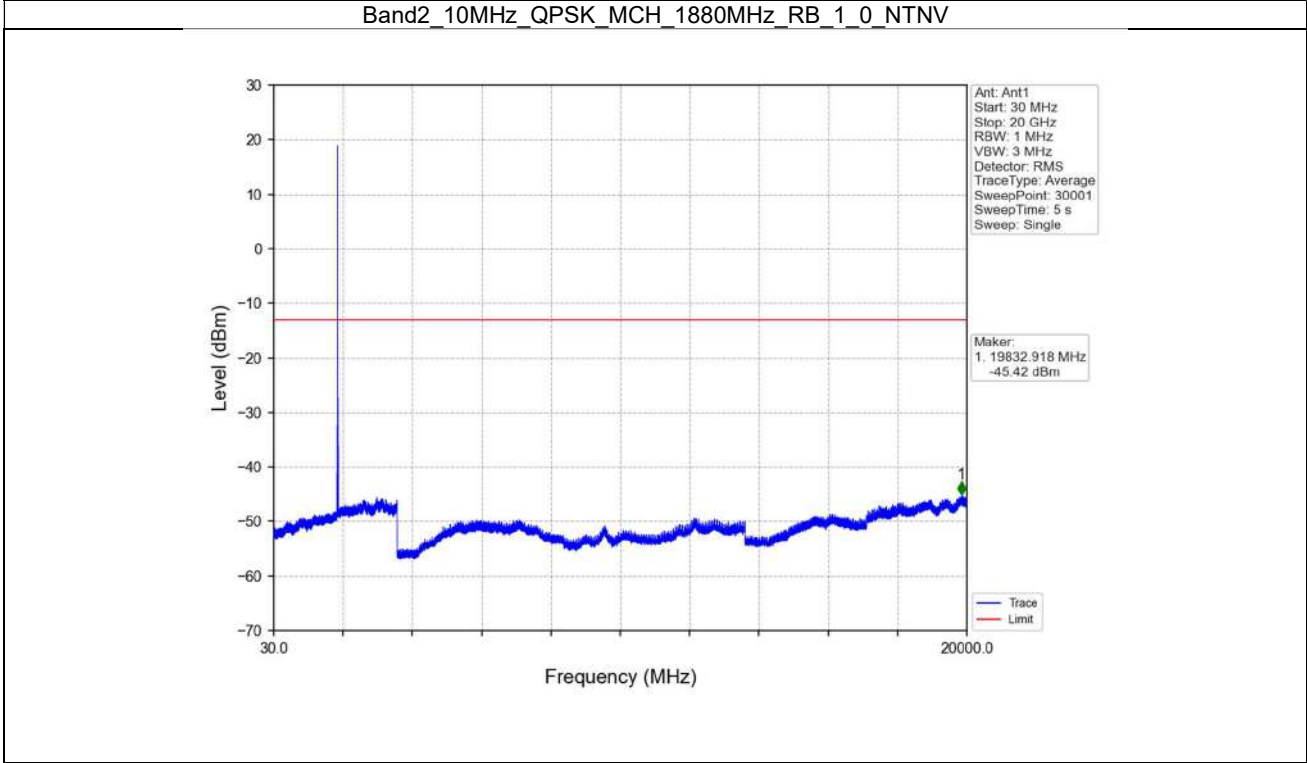
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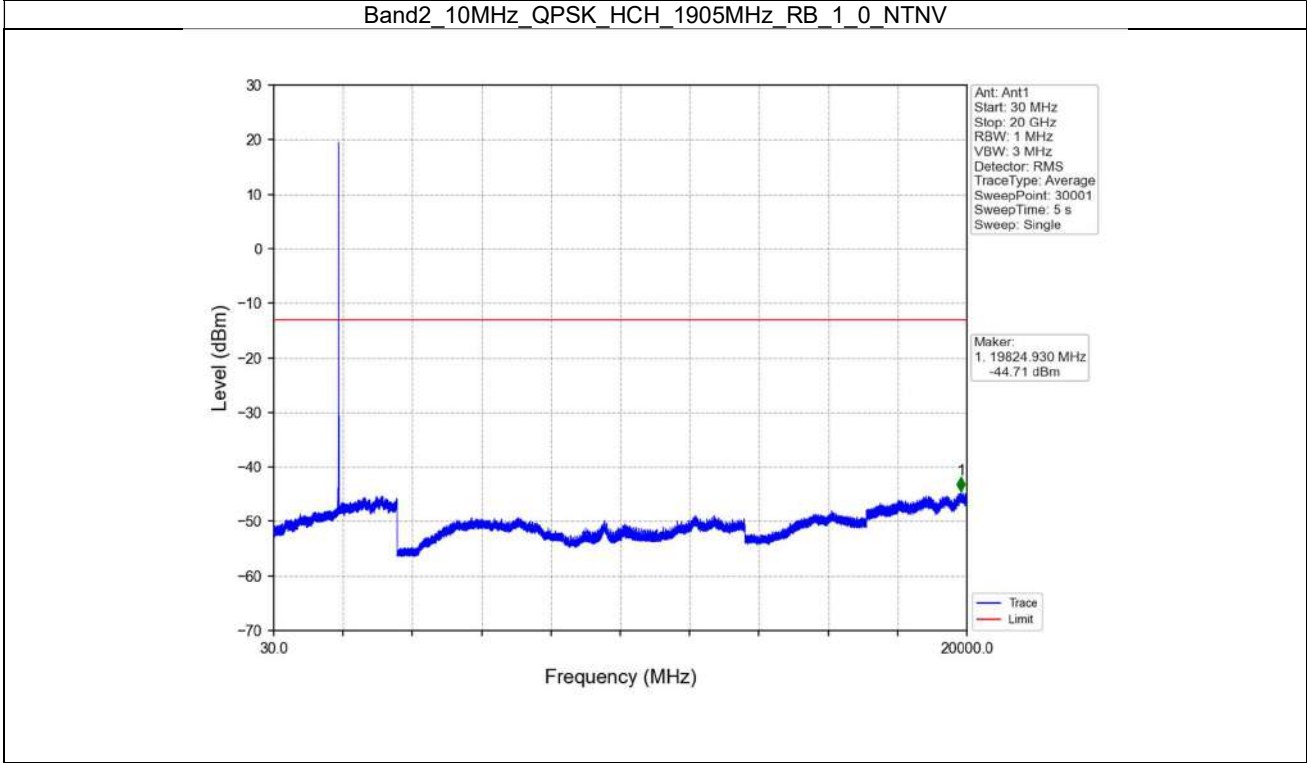


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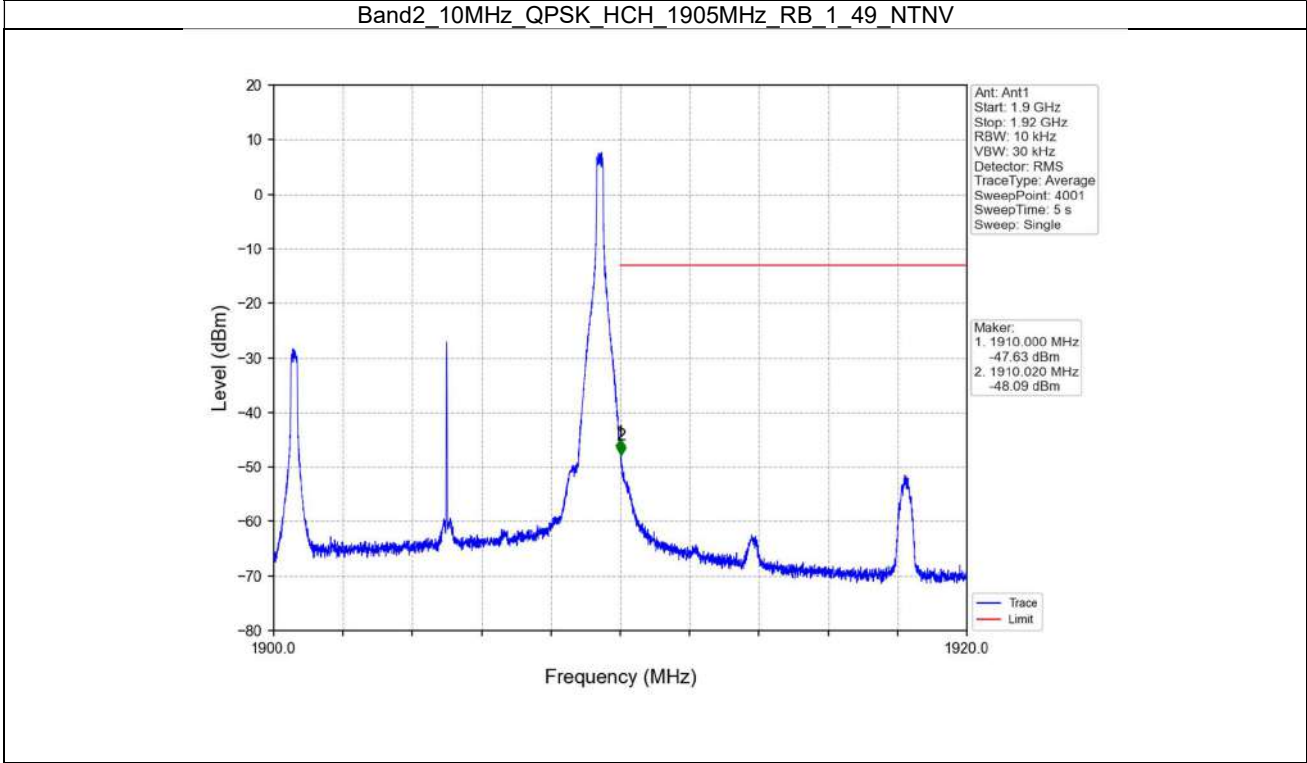


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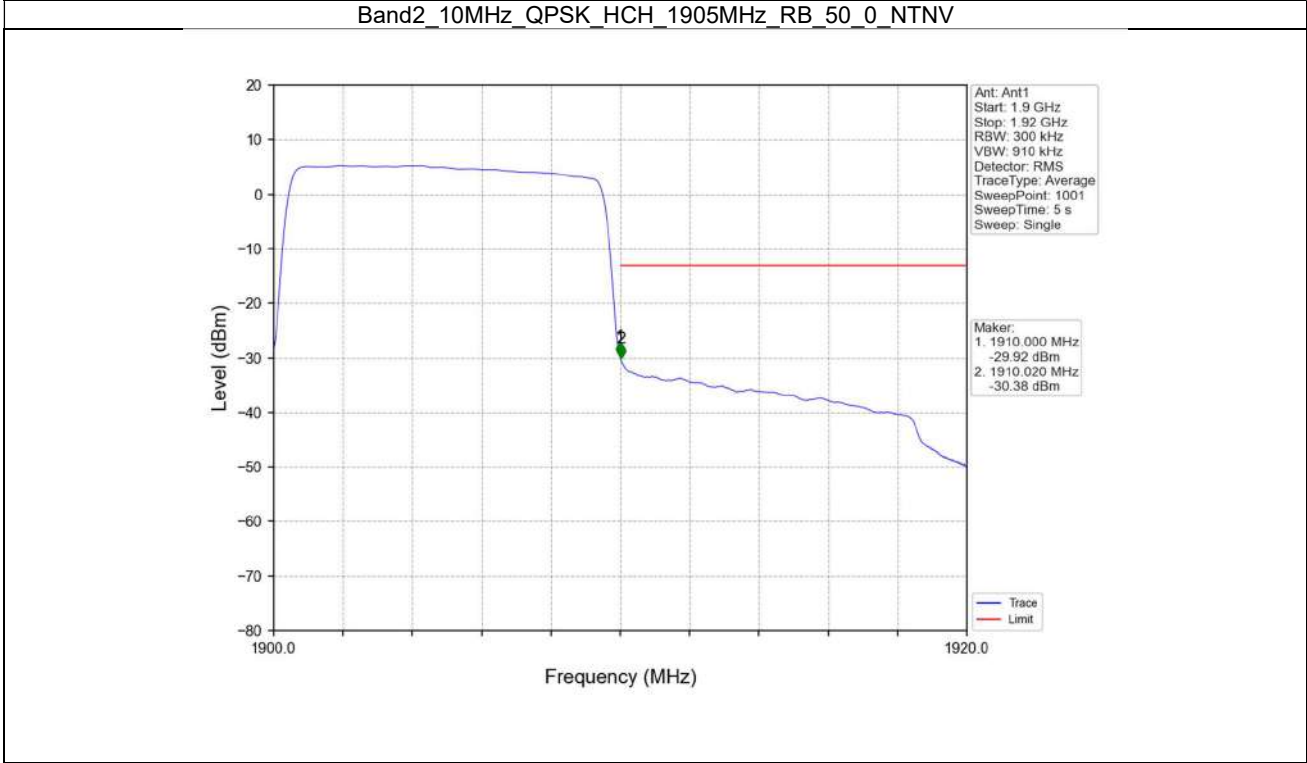


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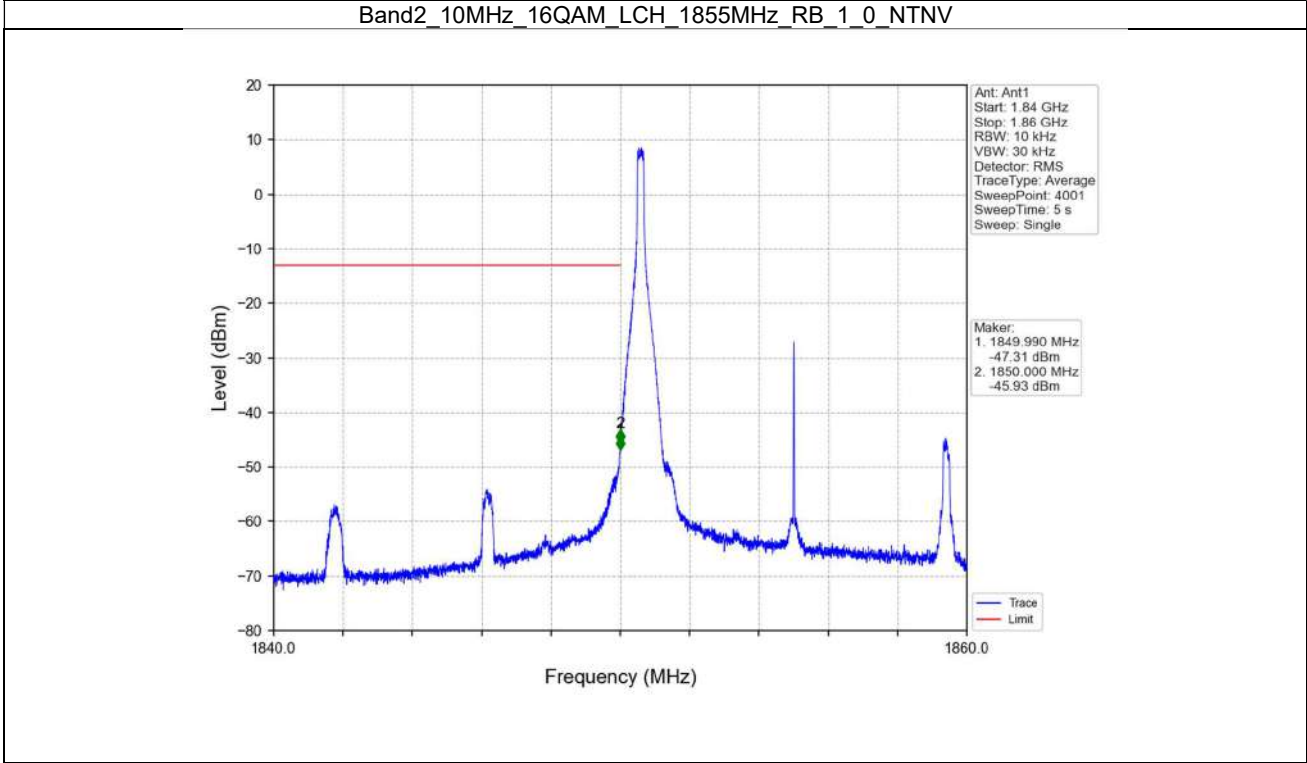
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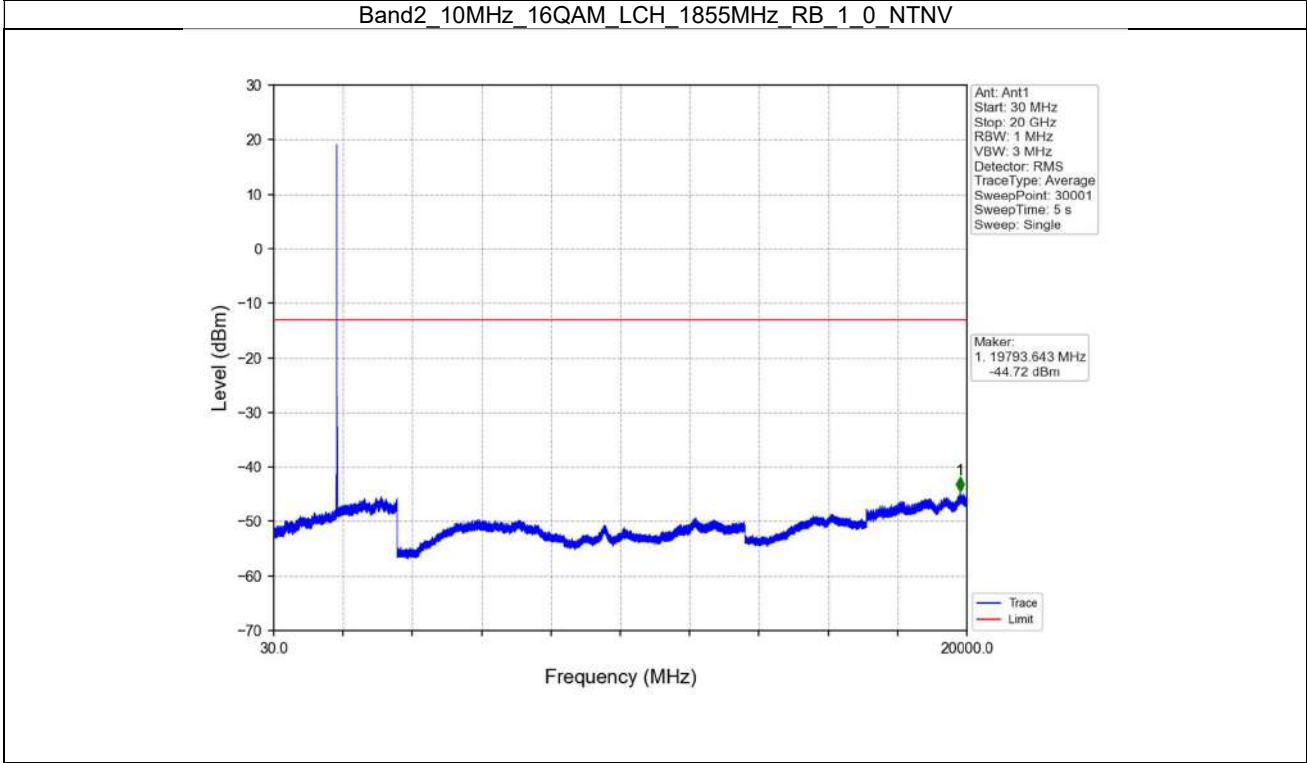


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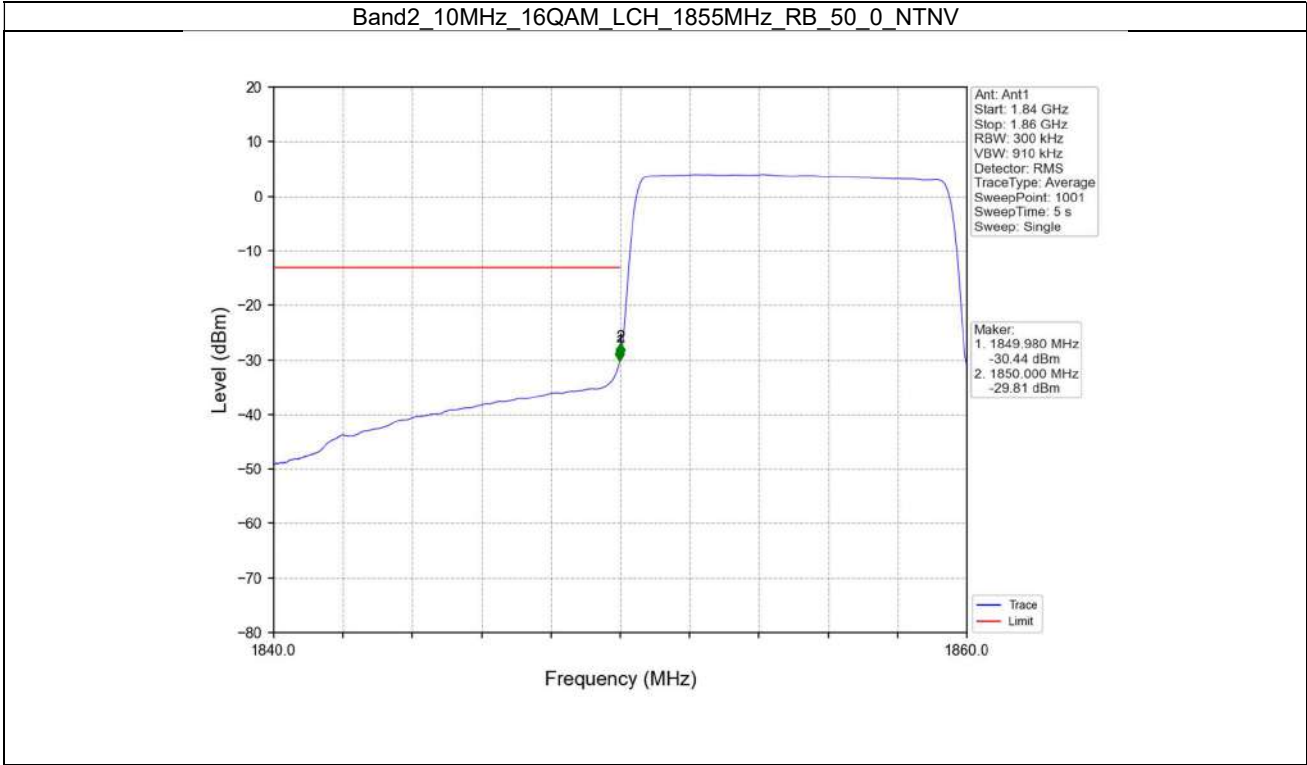
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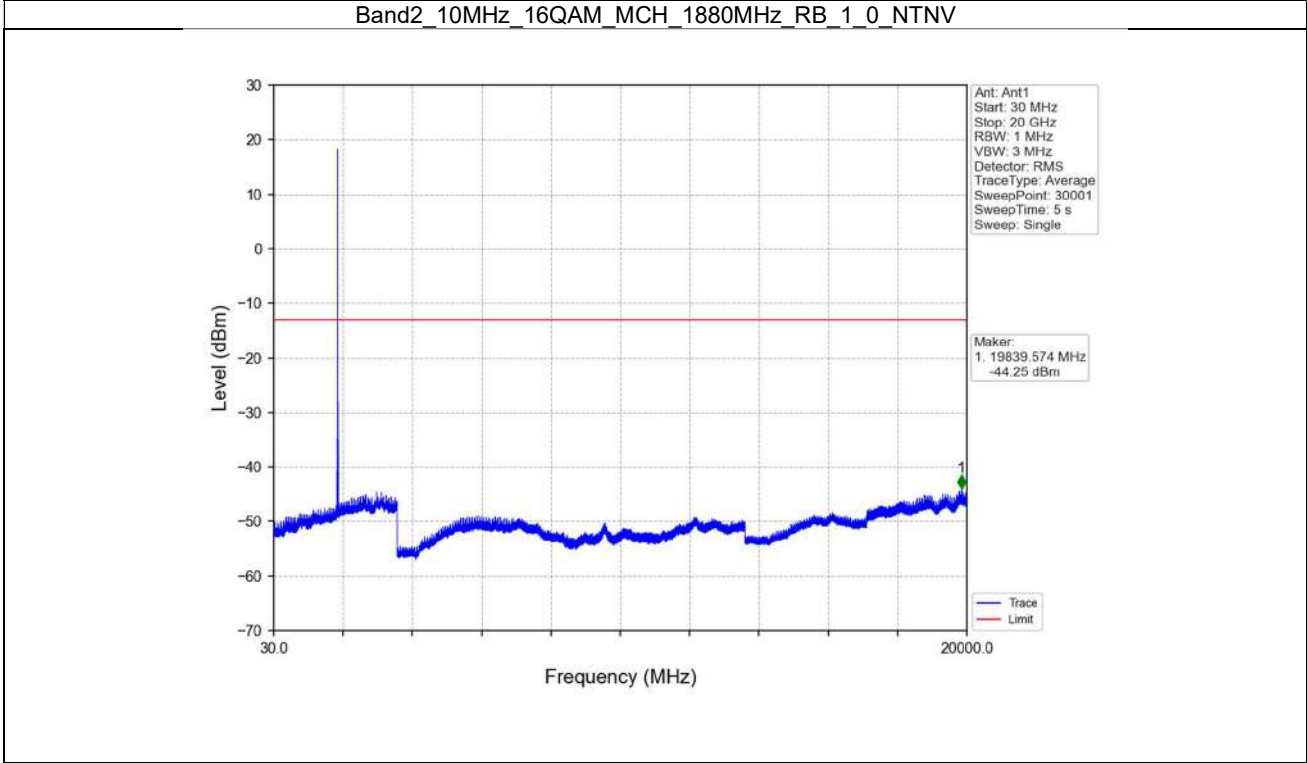


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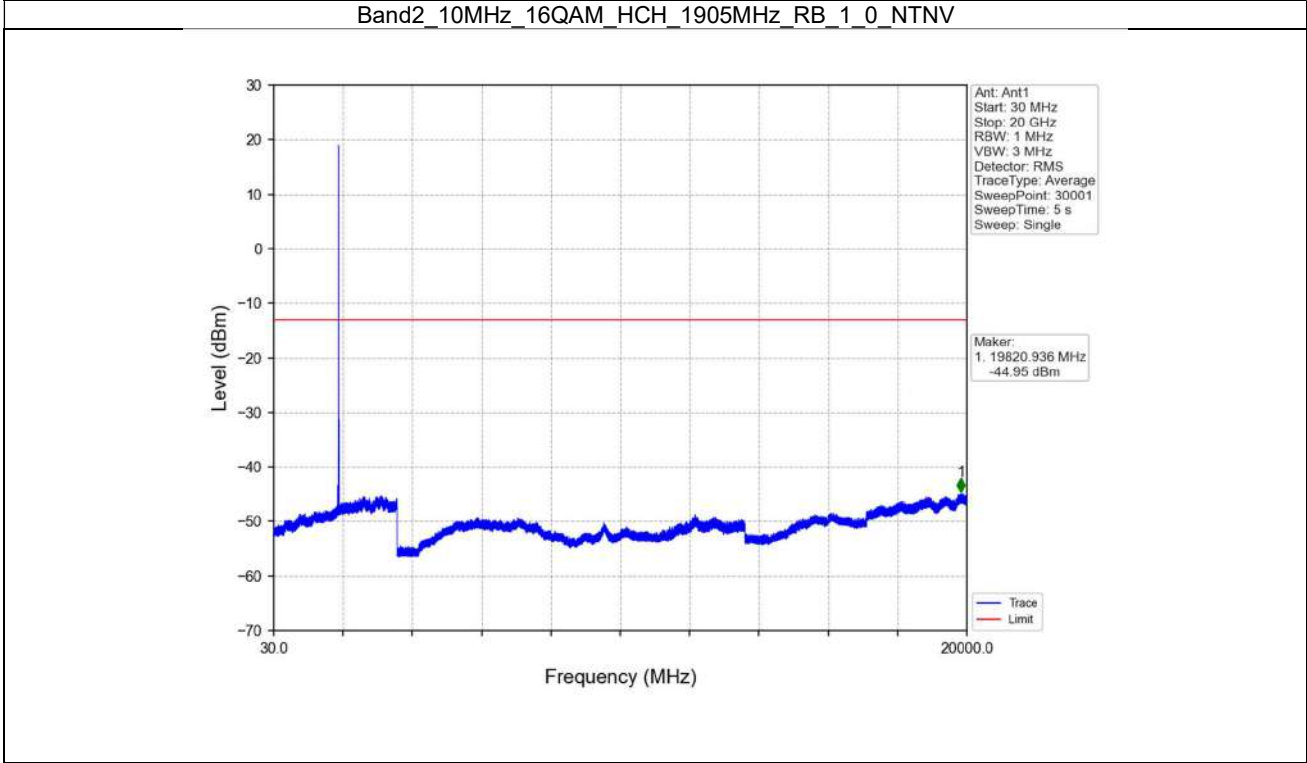
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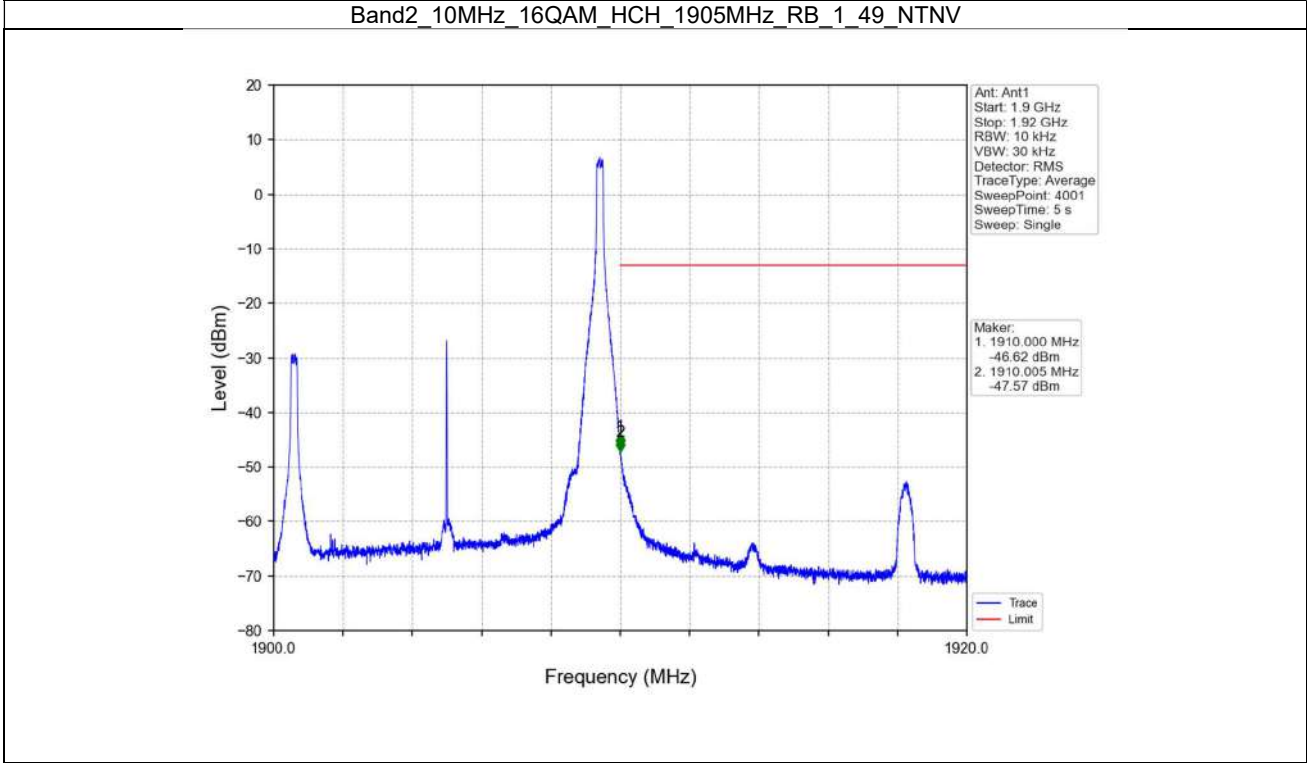
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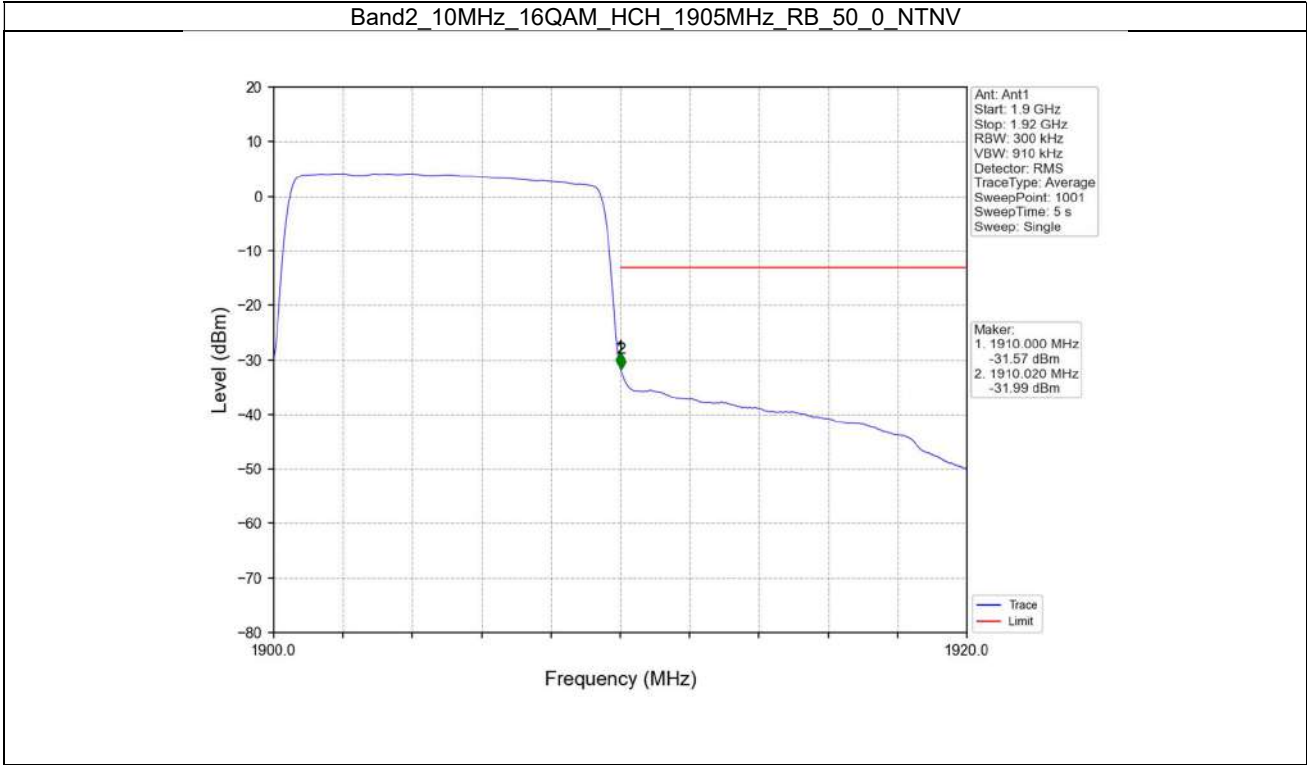
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6.5 B2_15MHz

6.5.1 Test Result

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

6.5.2 Test Graph

Band2 15MHz QPSK LCH 1857.5MHz RB 1 0 NTV

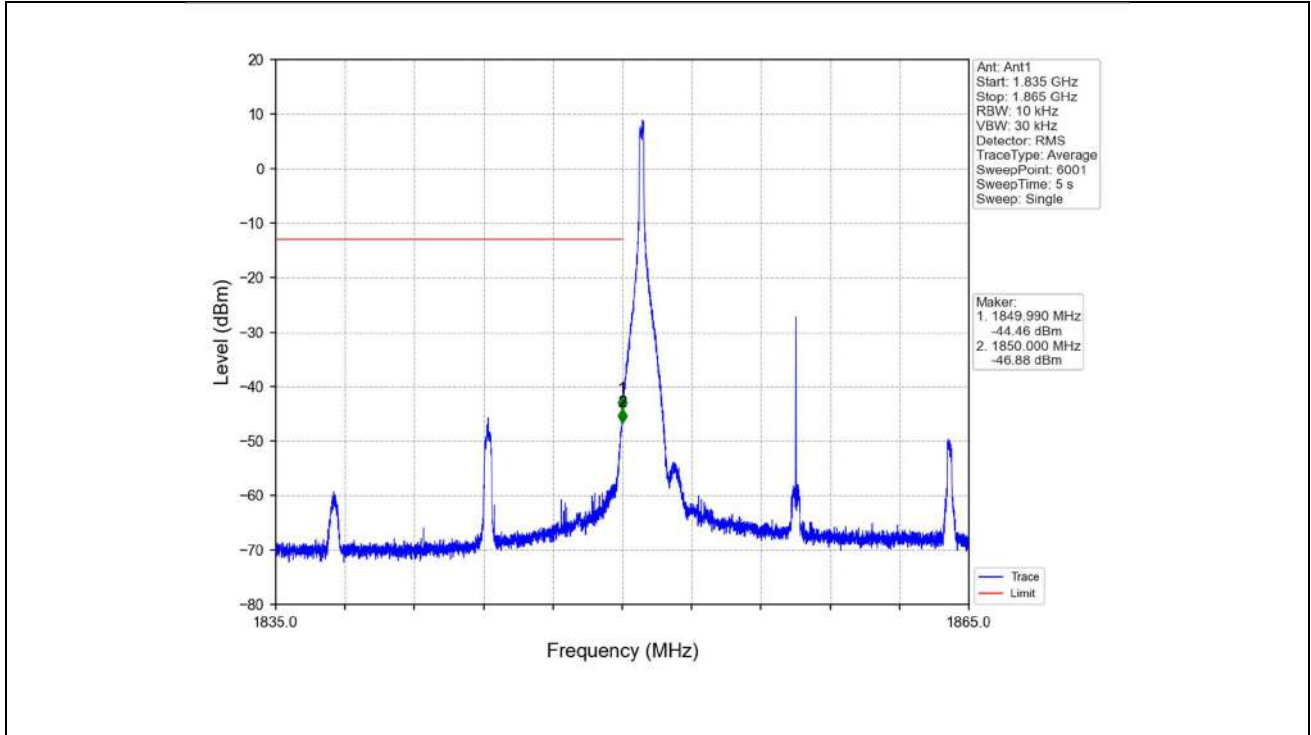


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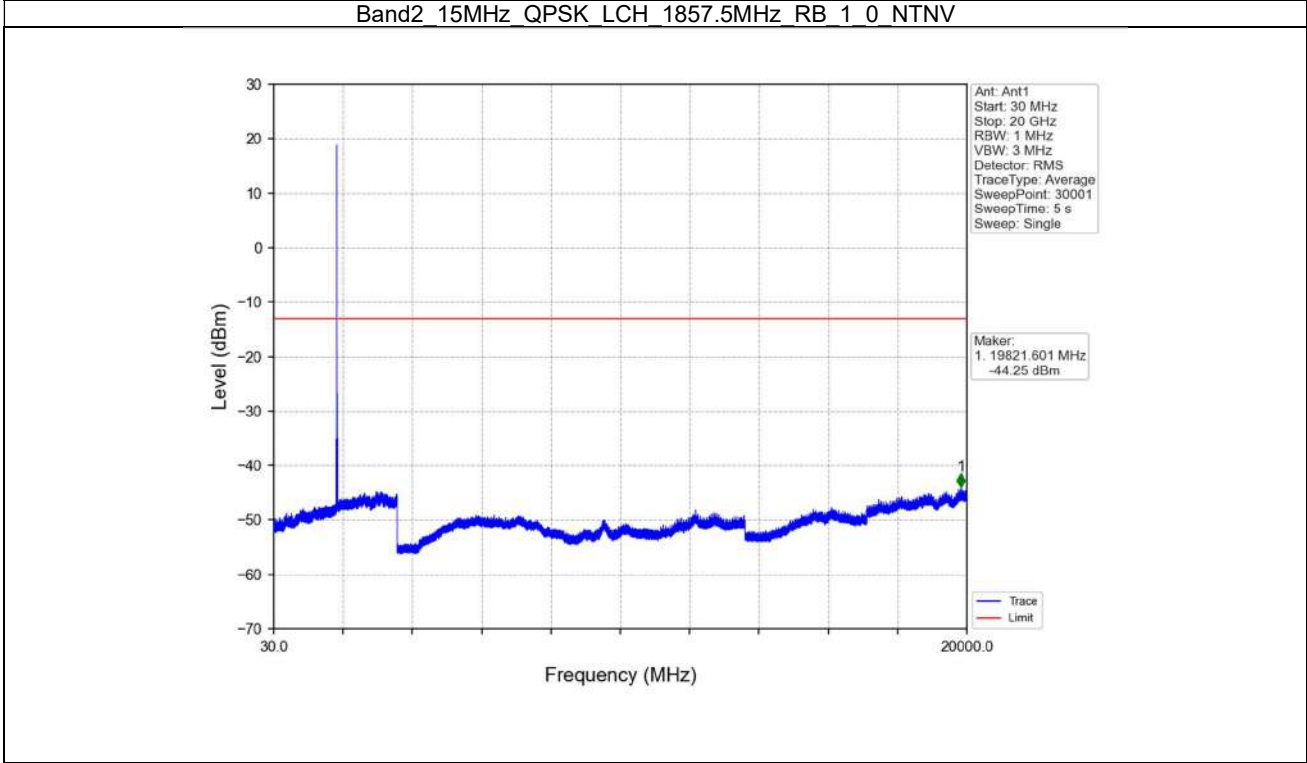
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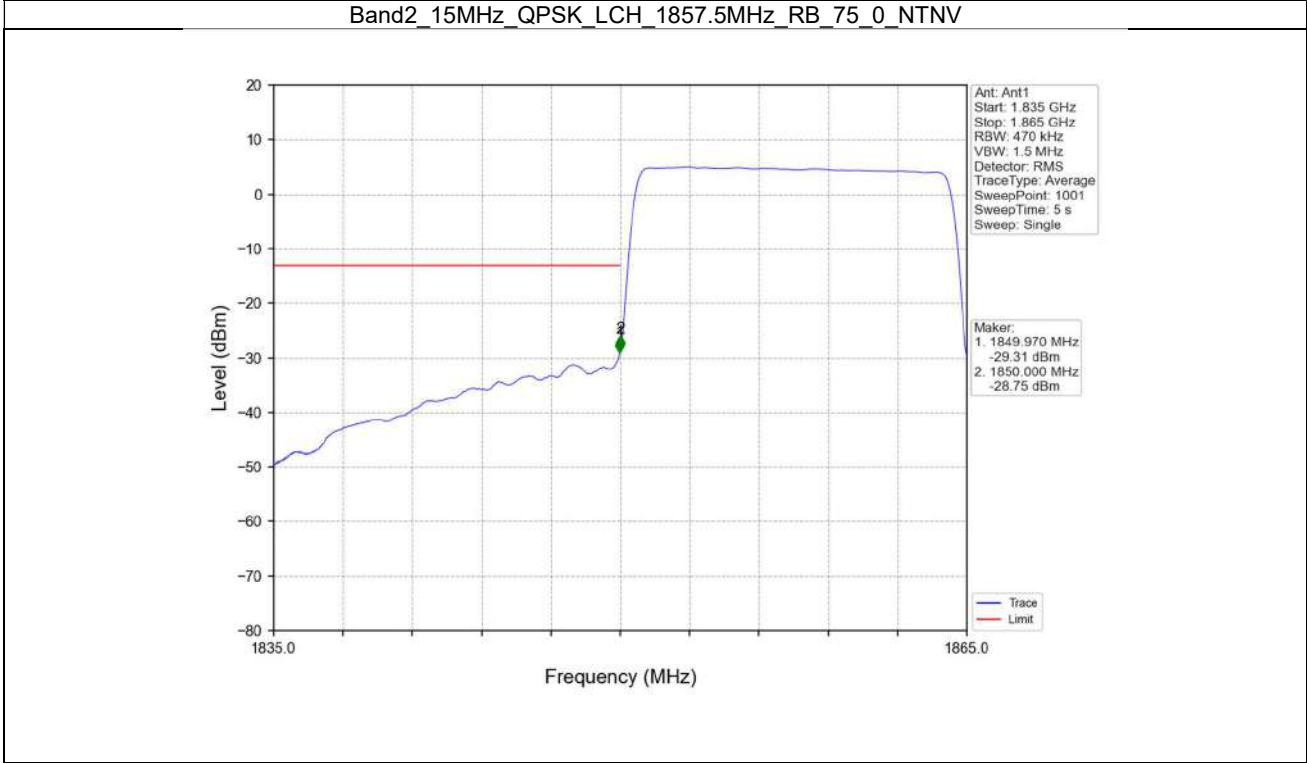


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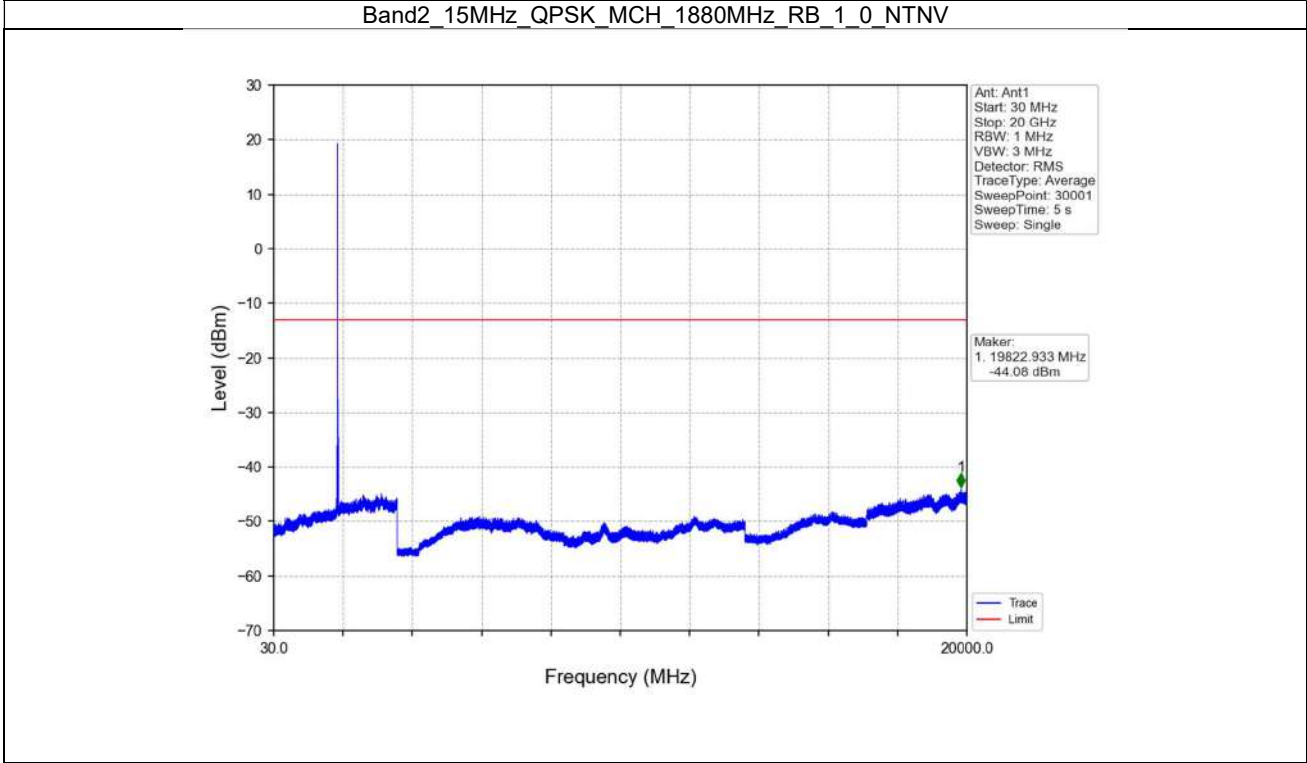


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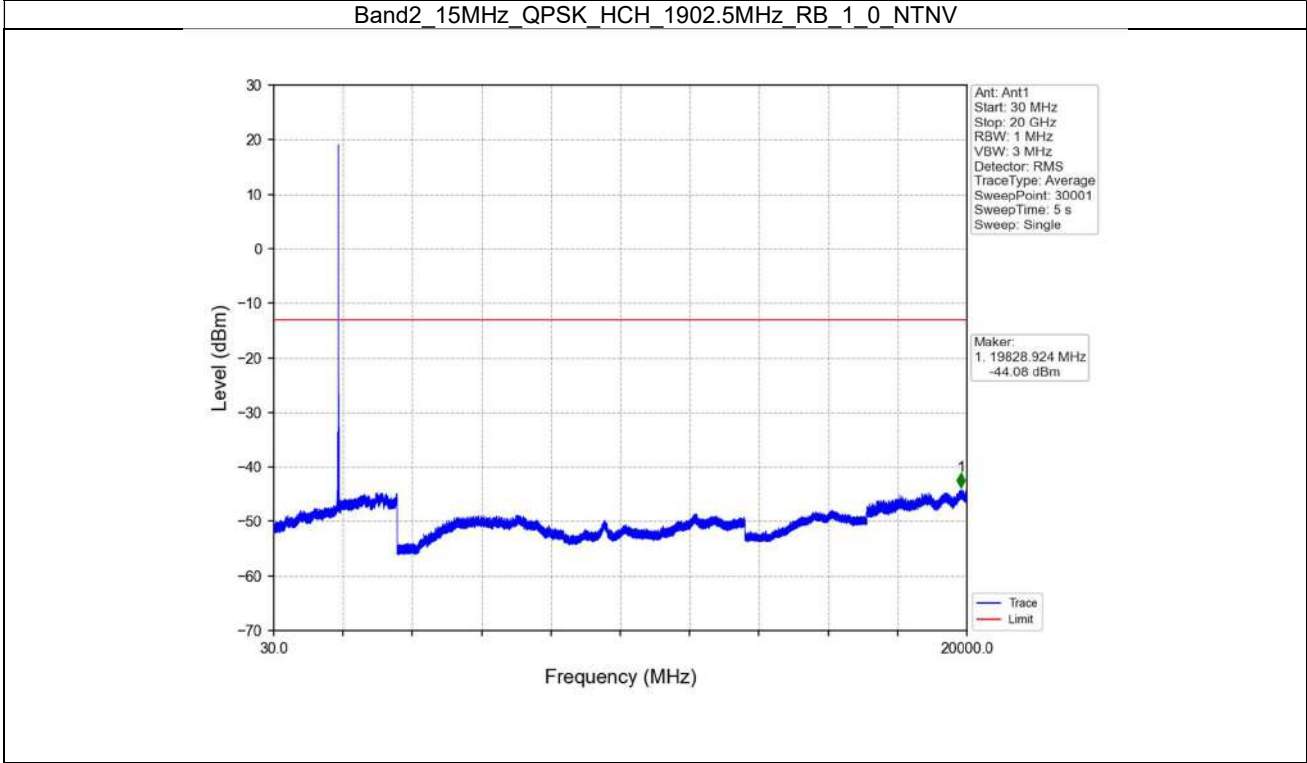


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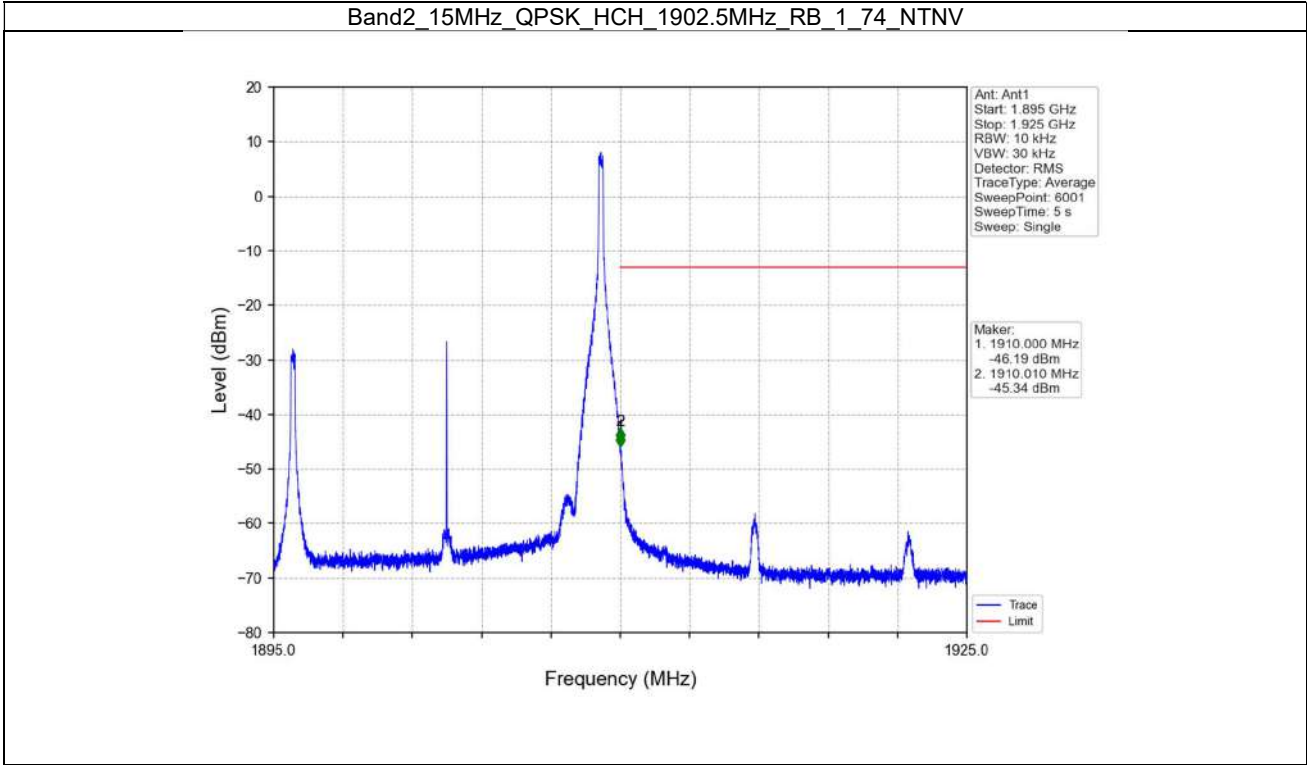
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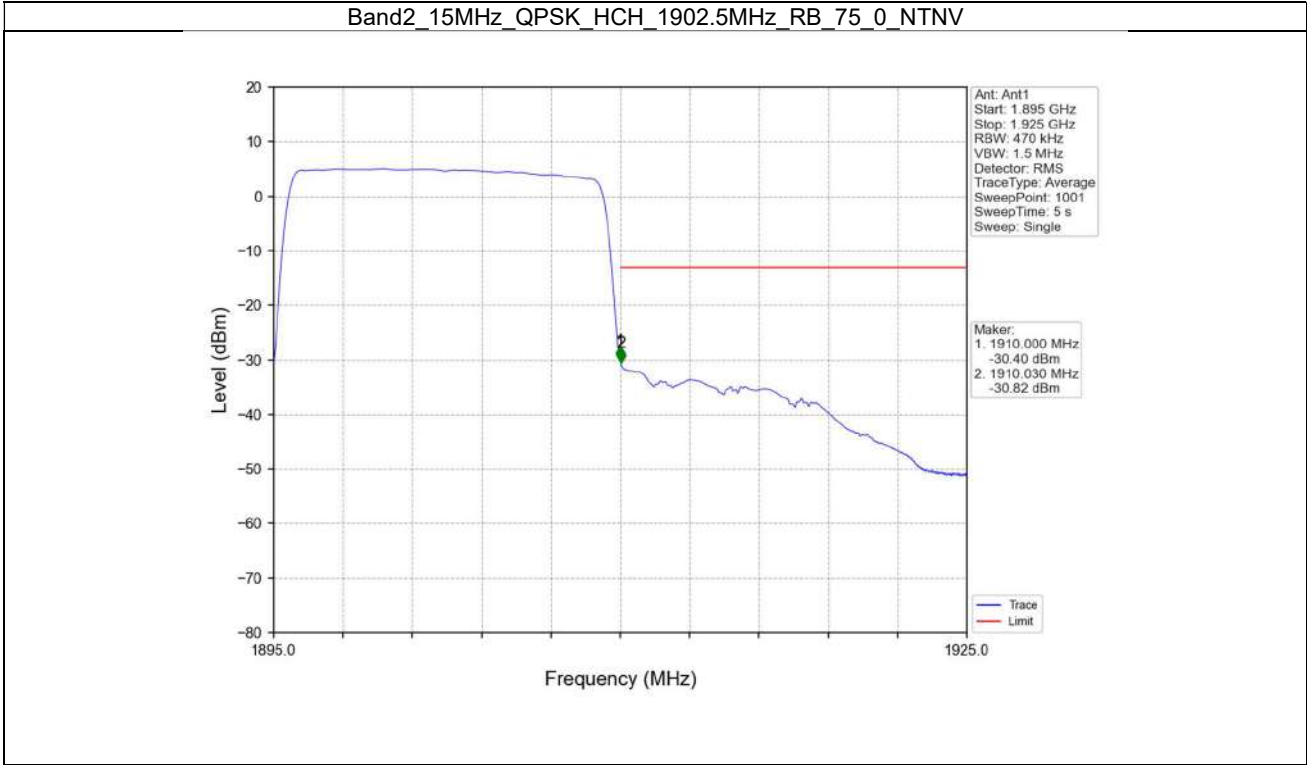
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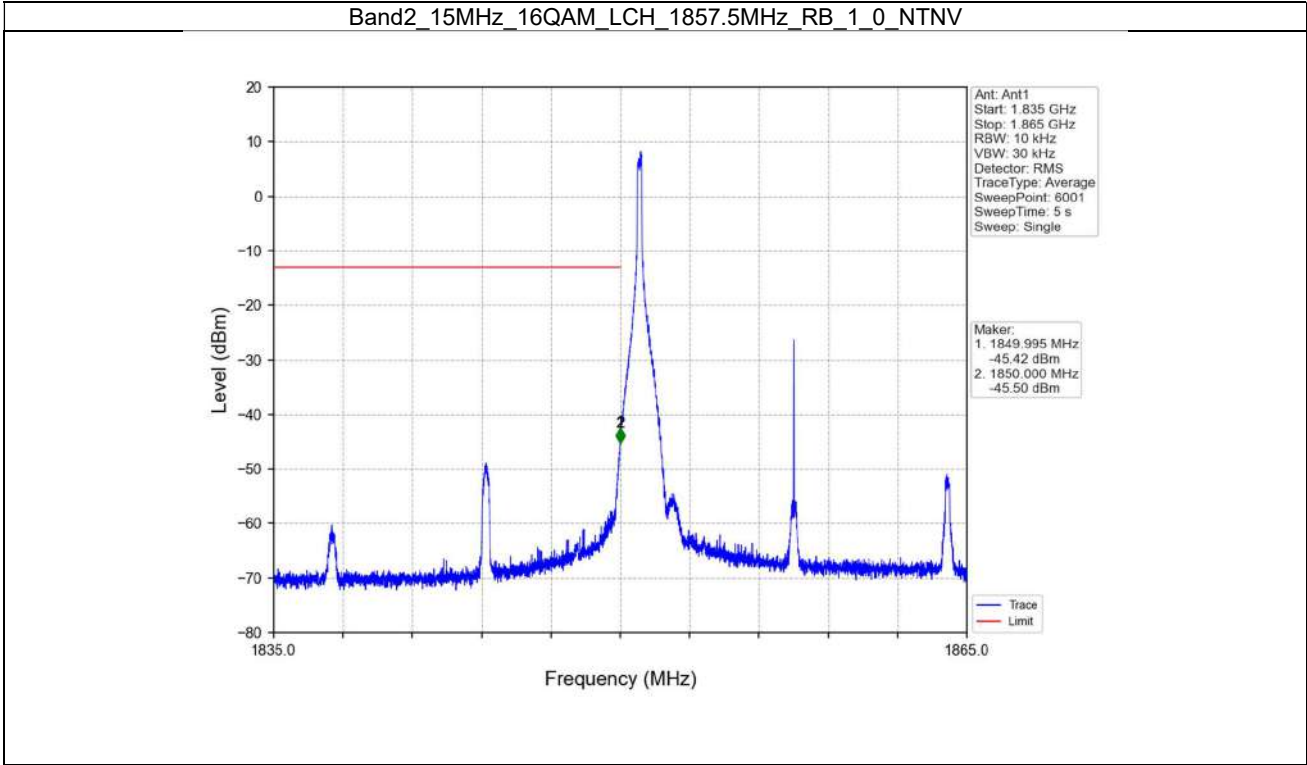
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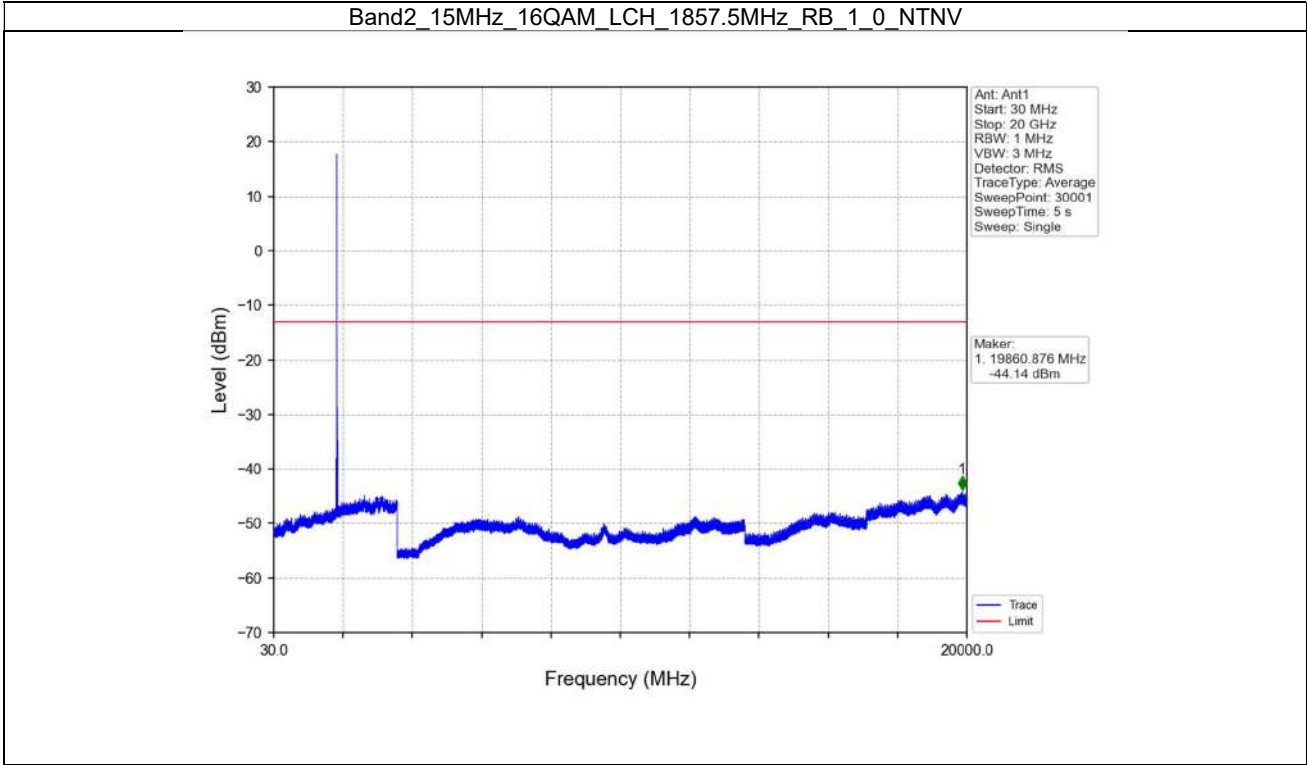
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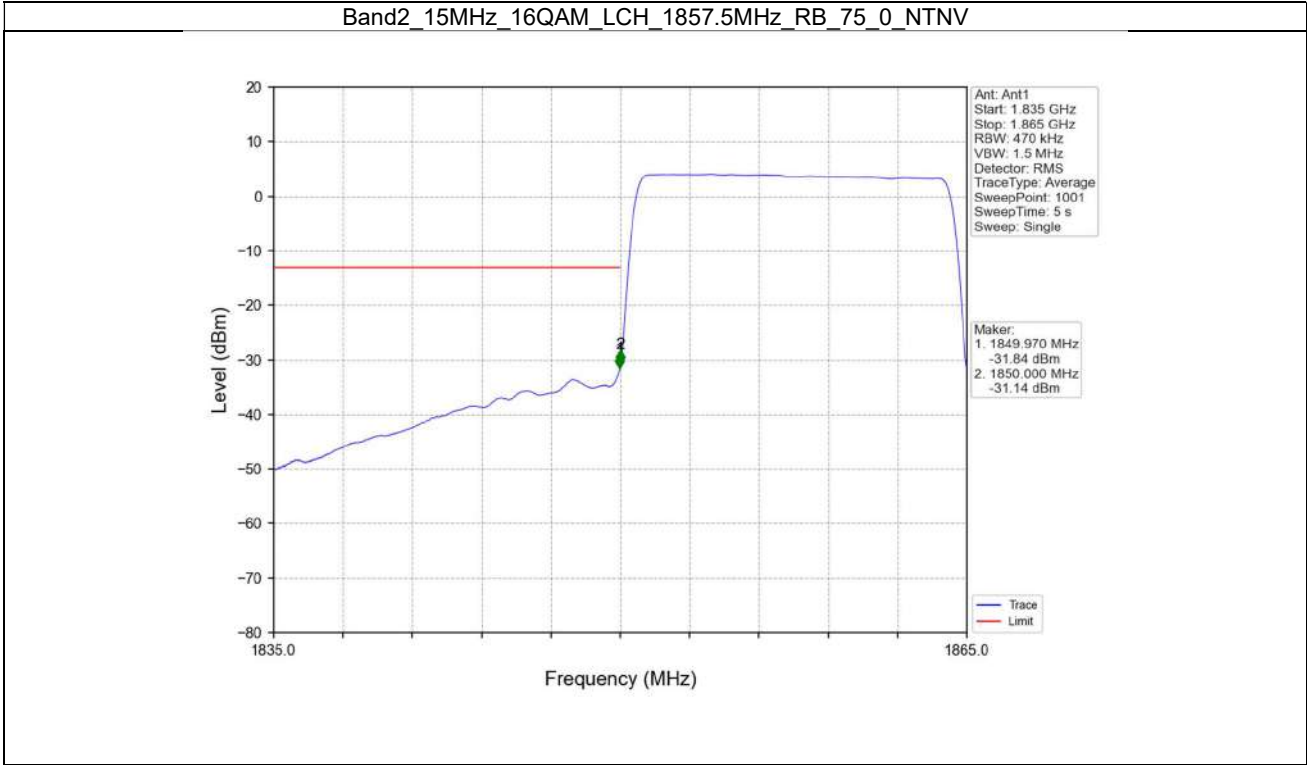
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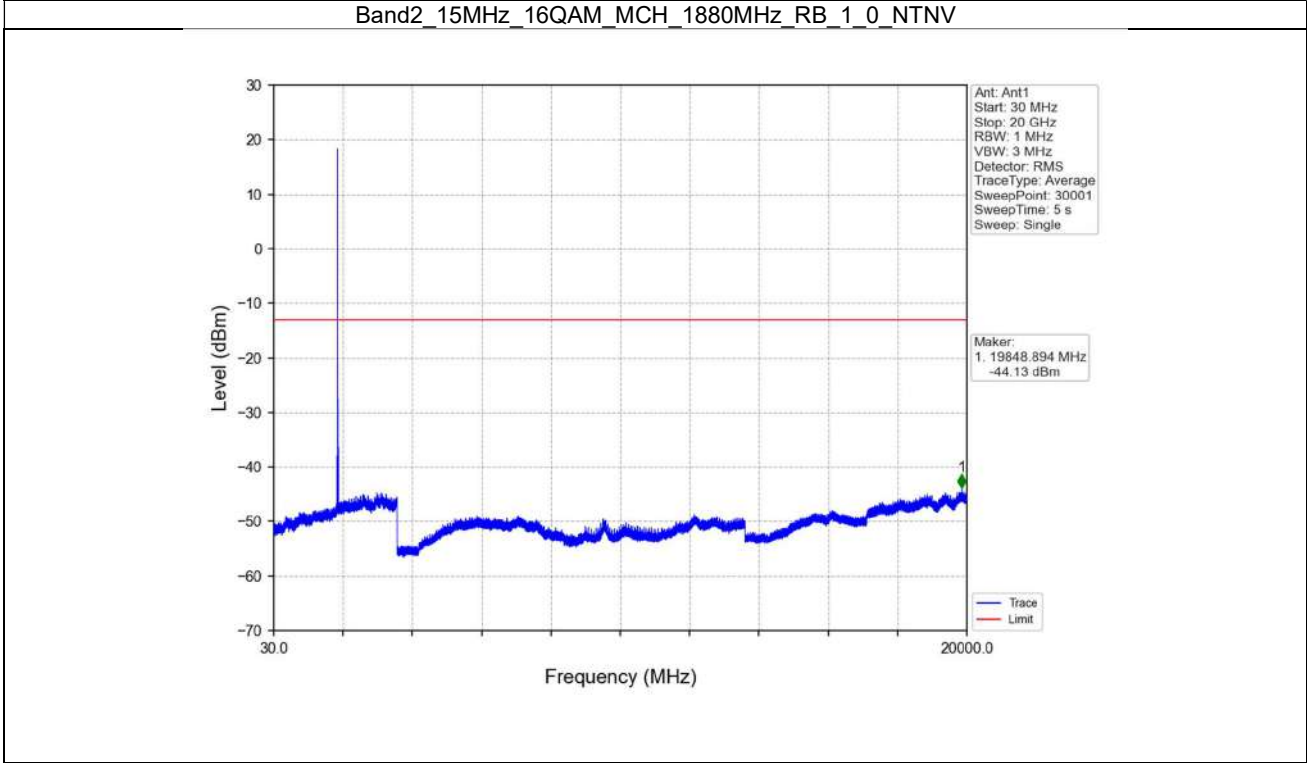


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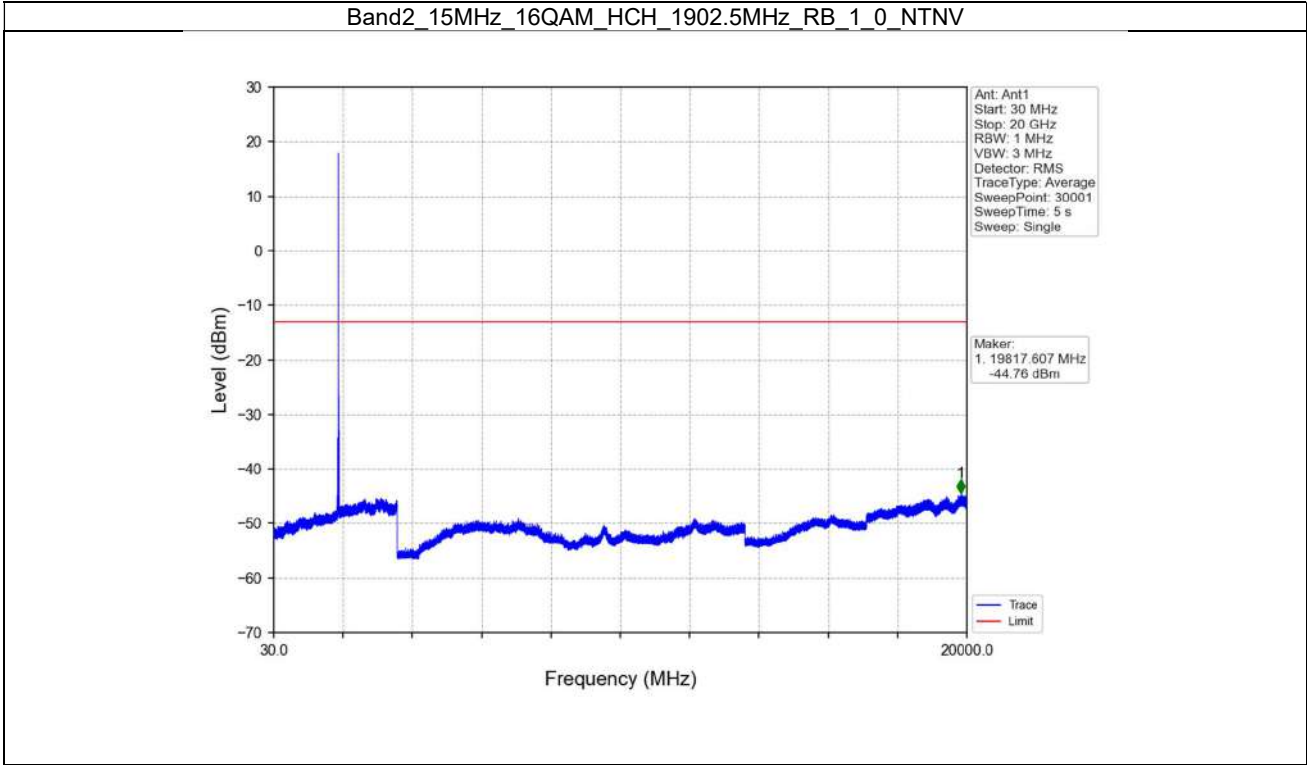
Band2_15MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



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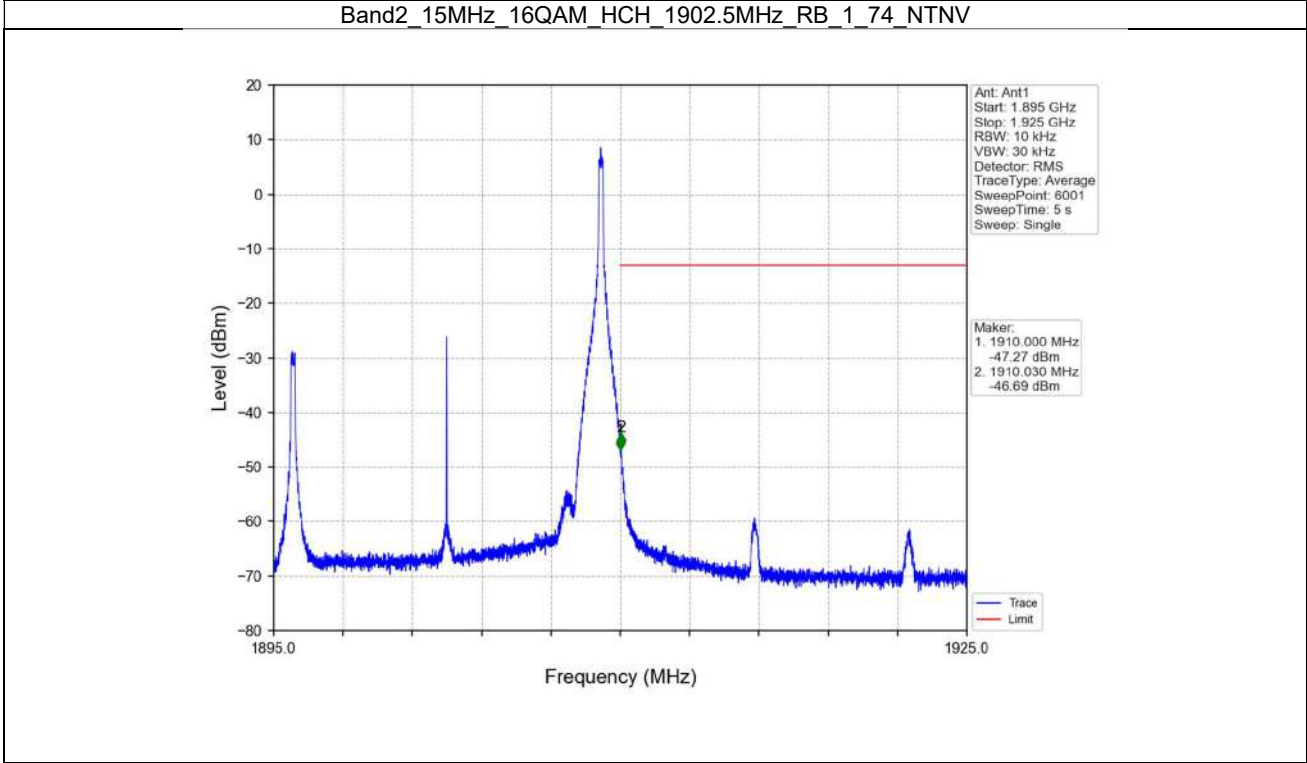


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Band2_15MHz_16QAM_HCH_1902.5MHz_RB_1_74_NTNV

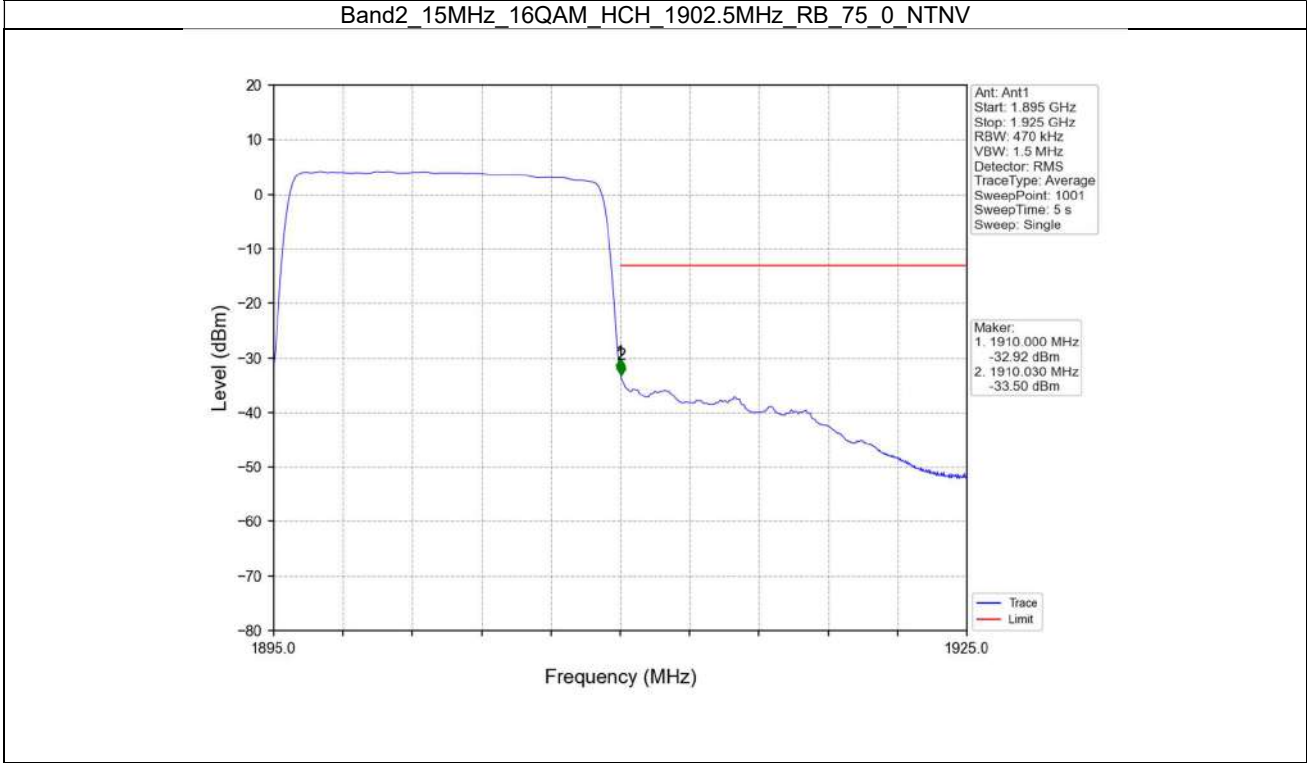


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6.6 B2_20MHz

6.6.1 Test Result

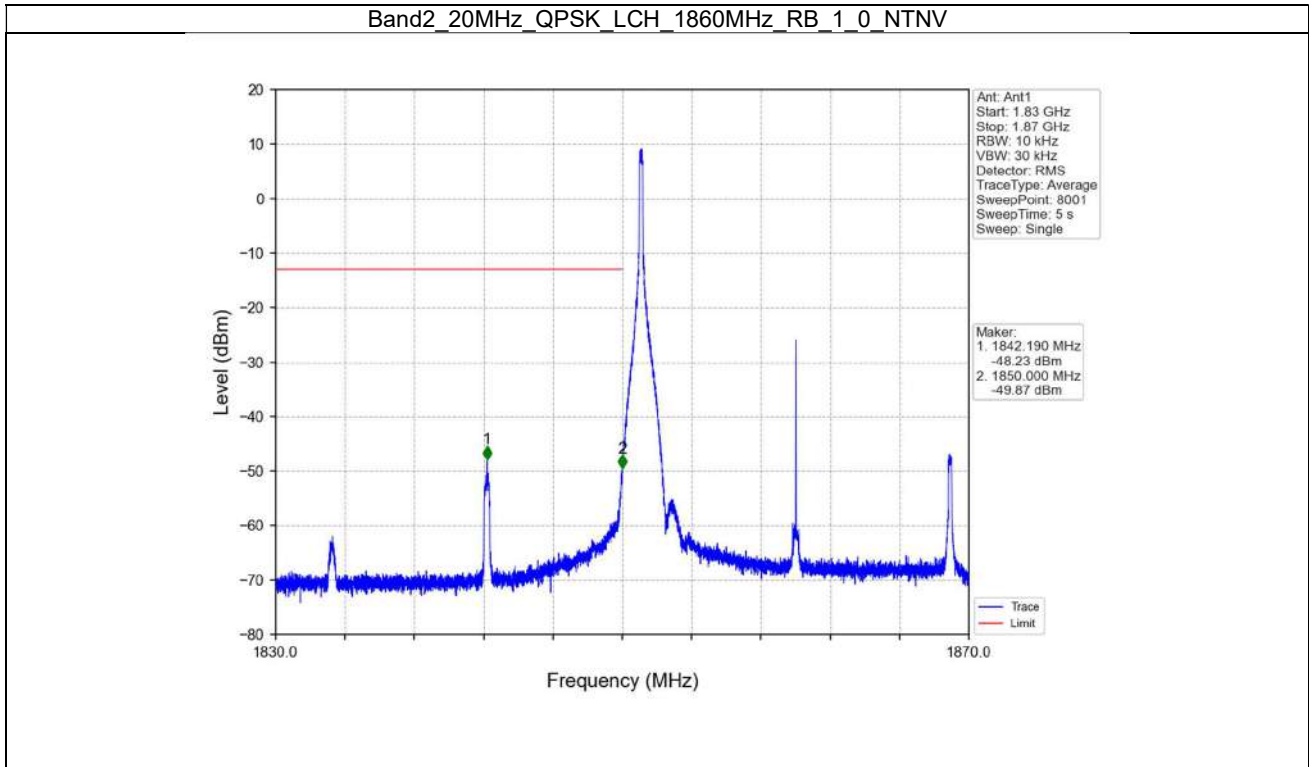
Band: 2 / Bandwidth: 20MHz / NTNv							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1860	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1880	1	0	Refer To Test Graph		Pass	
		1900	1	0	Refer To Test Graph		Pass
				99	Refer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



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6.6.2 Test Graph

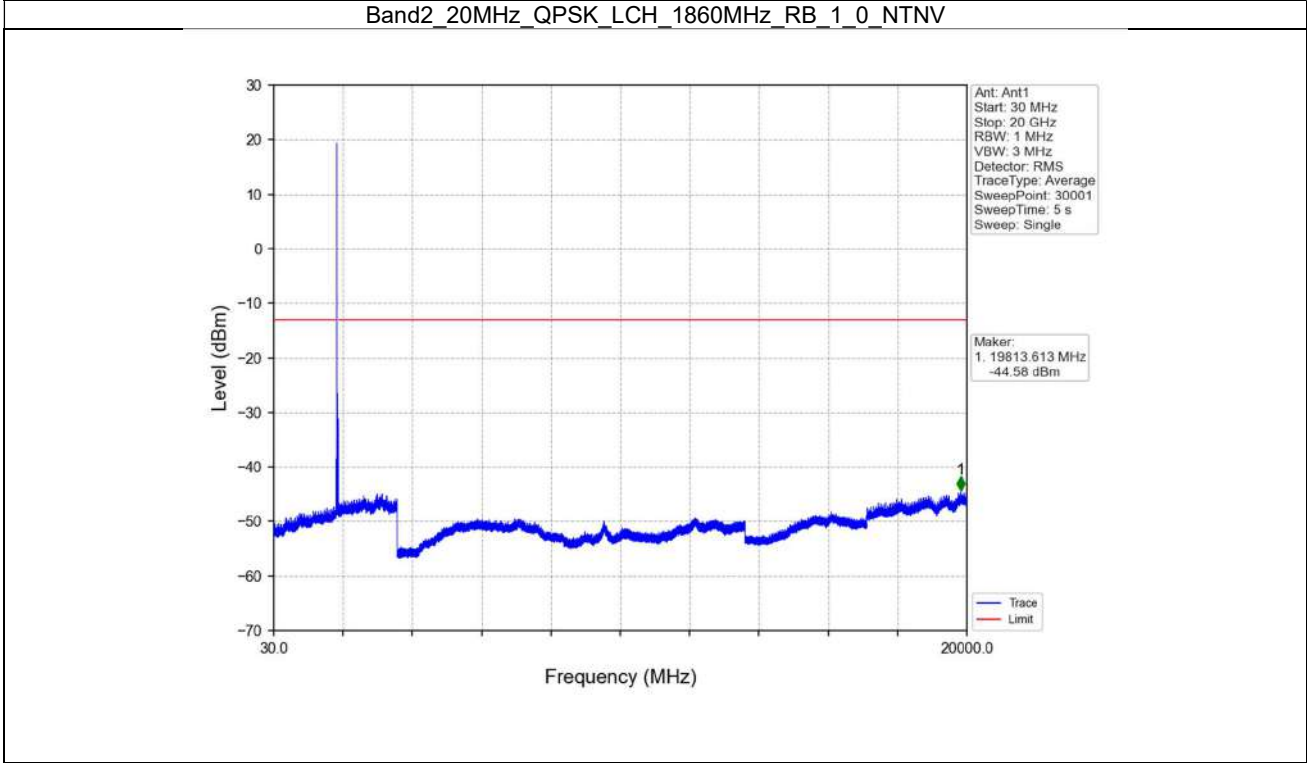


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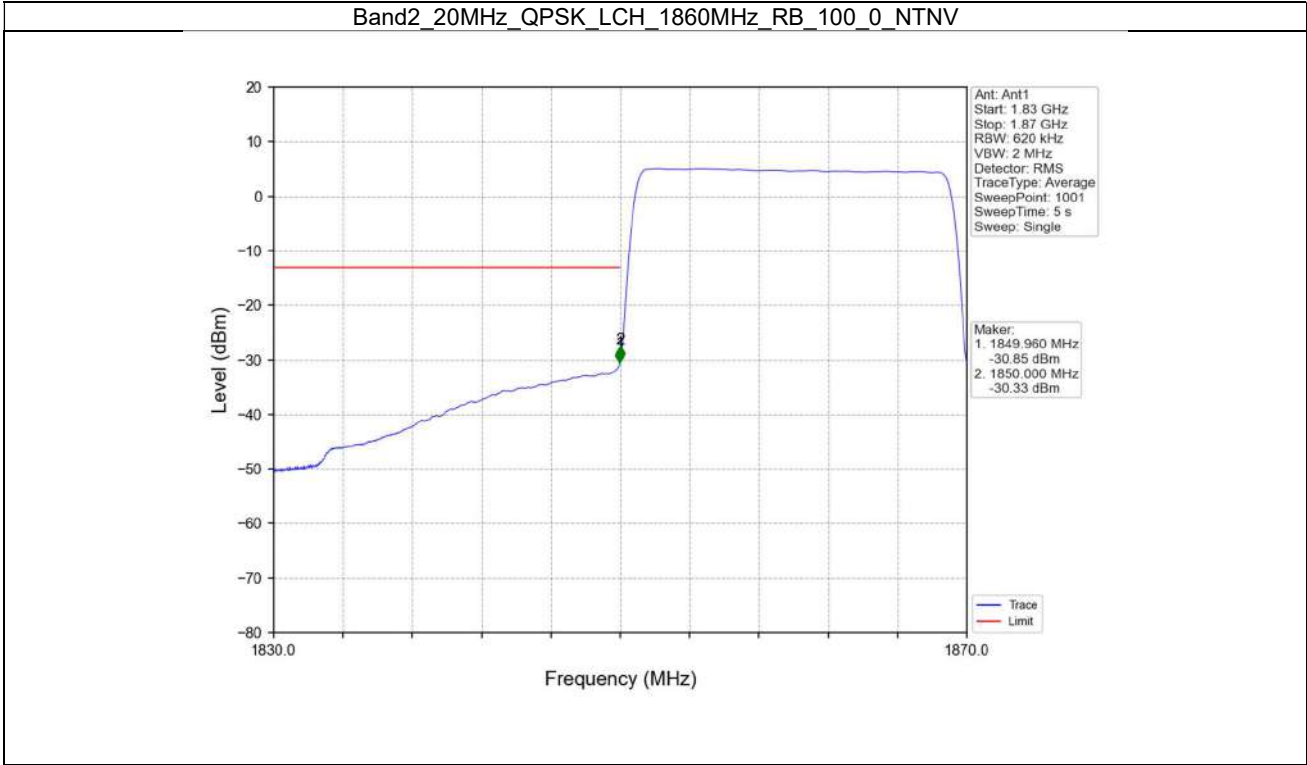
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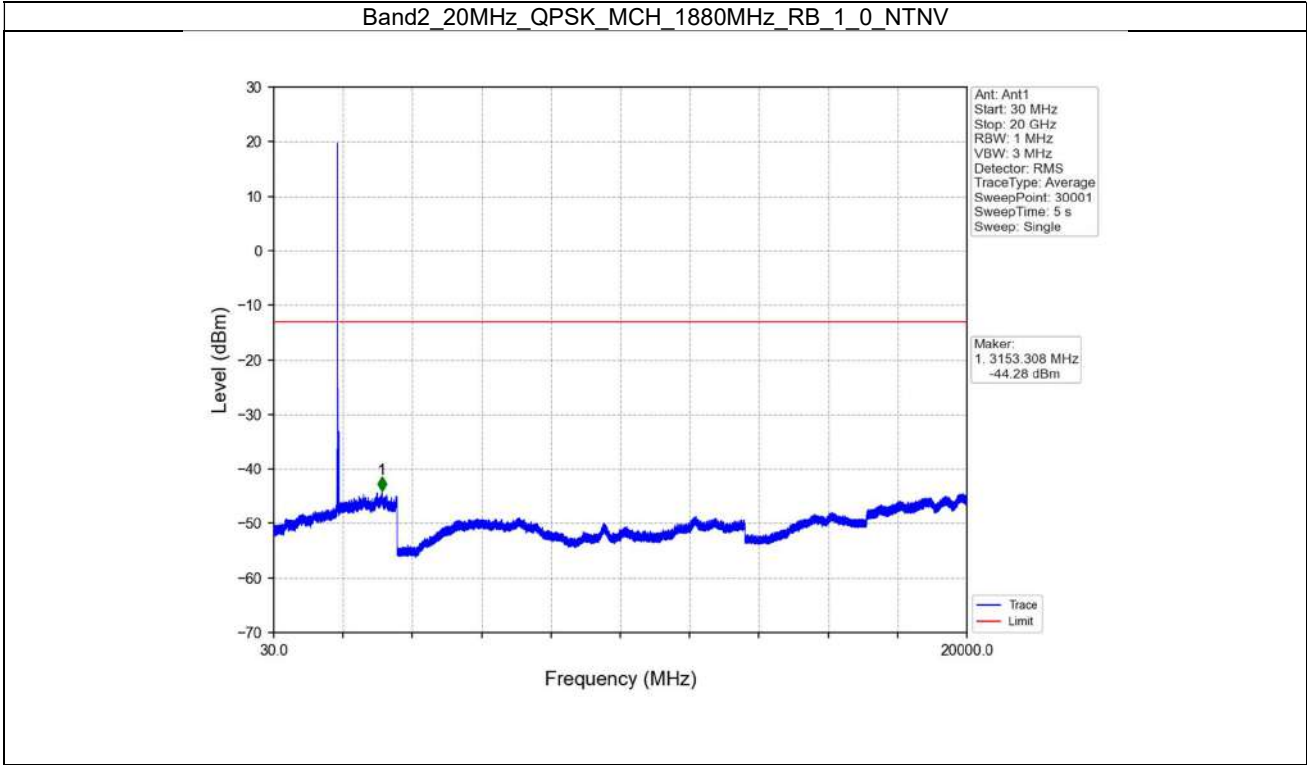
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Band2_20MHz_QPSK_HCH_1900MHz_RB_1_0_NTNV

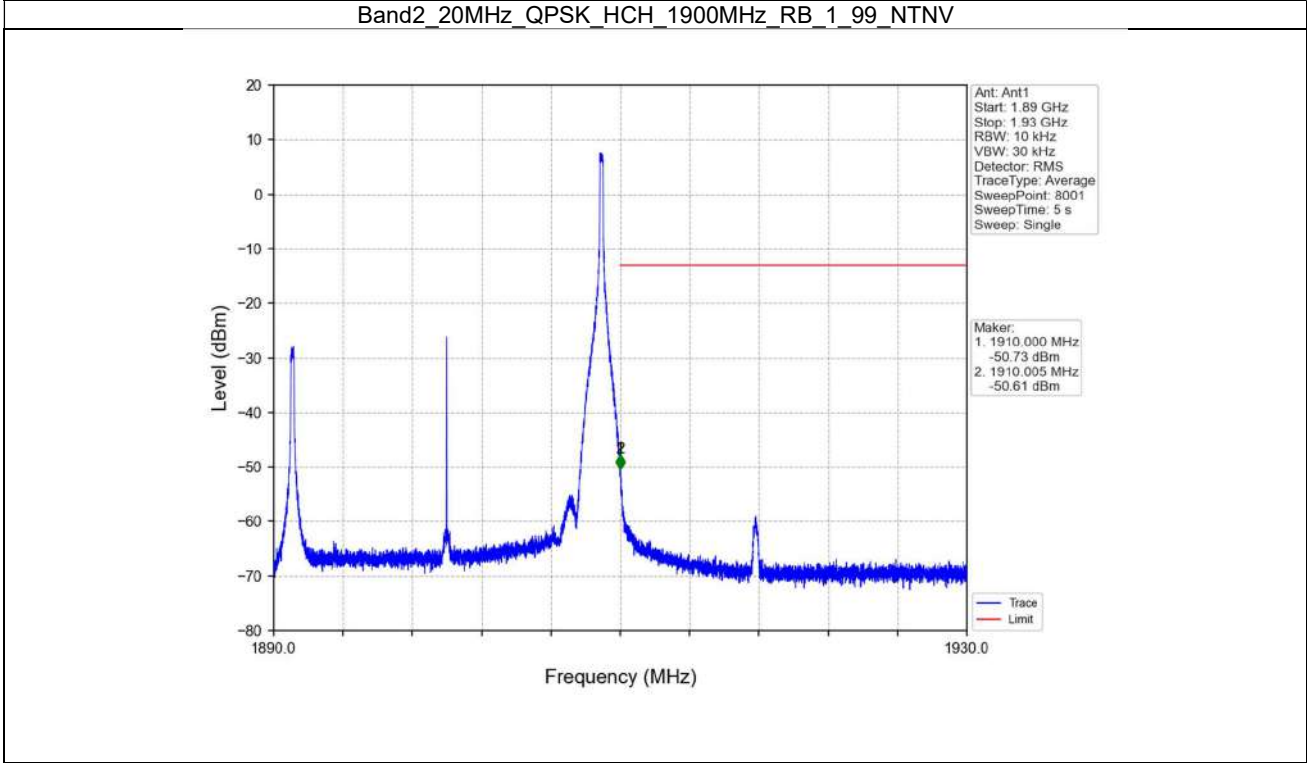


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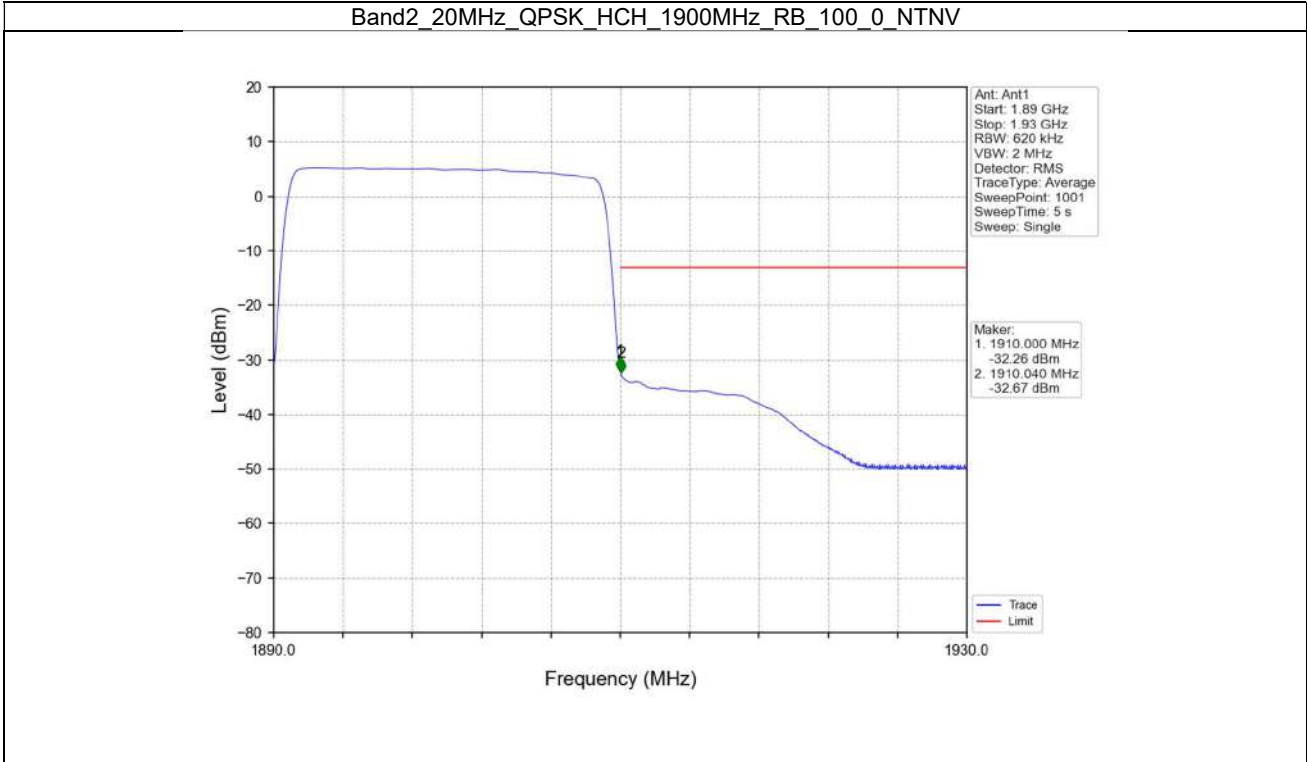
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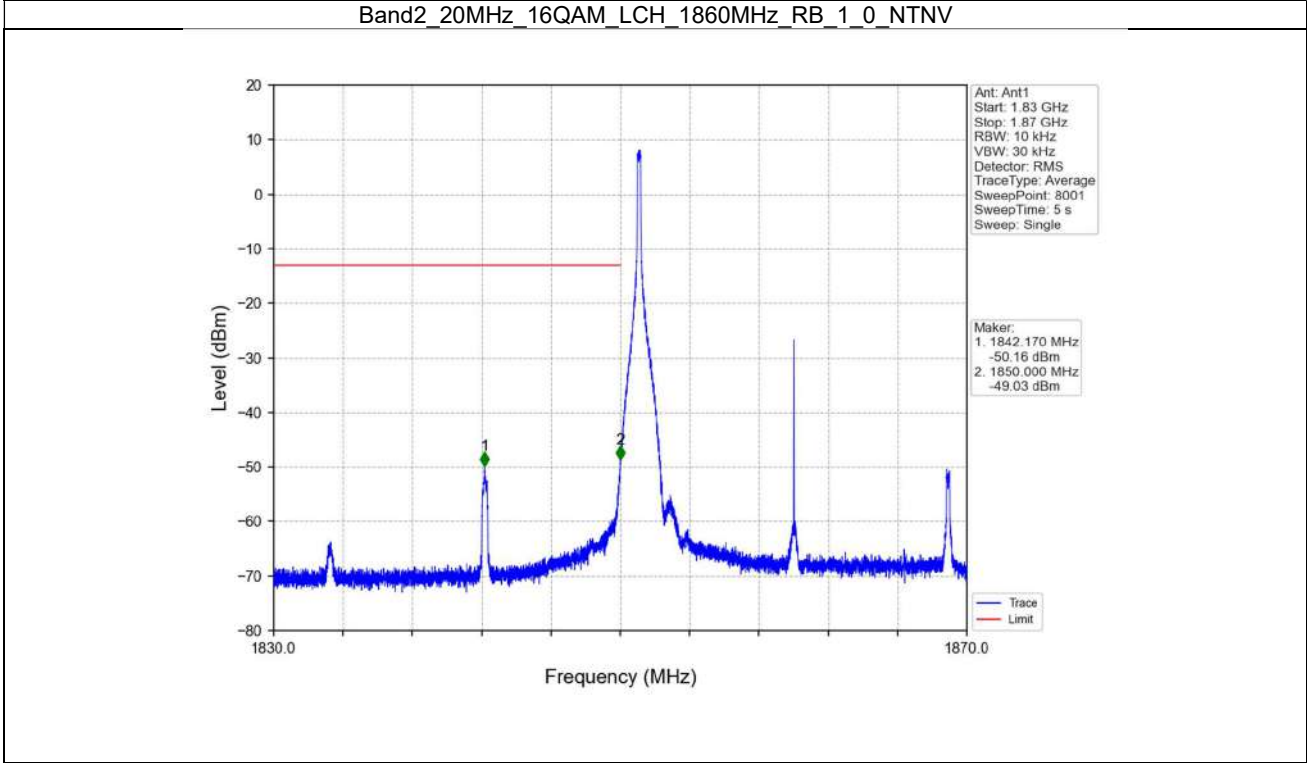
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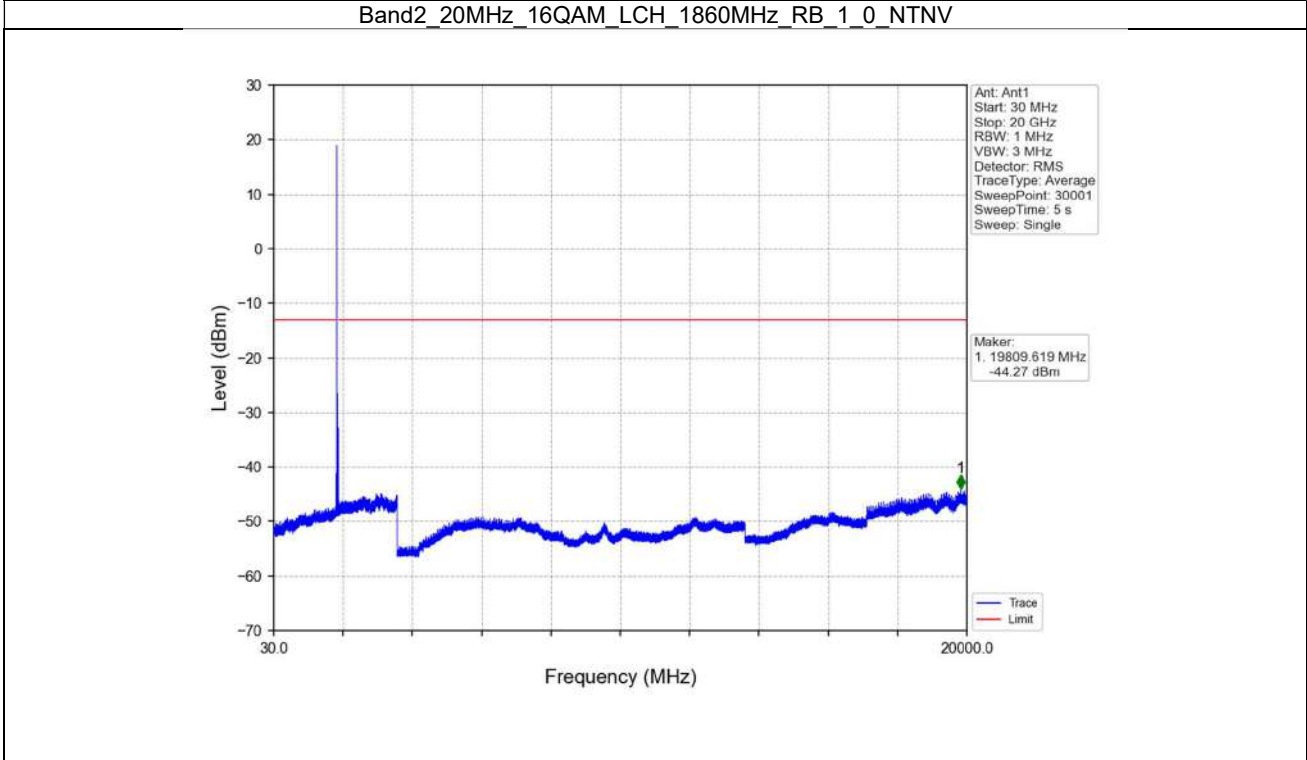


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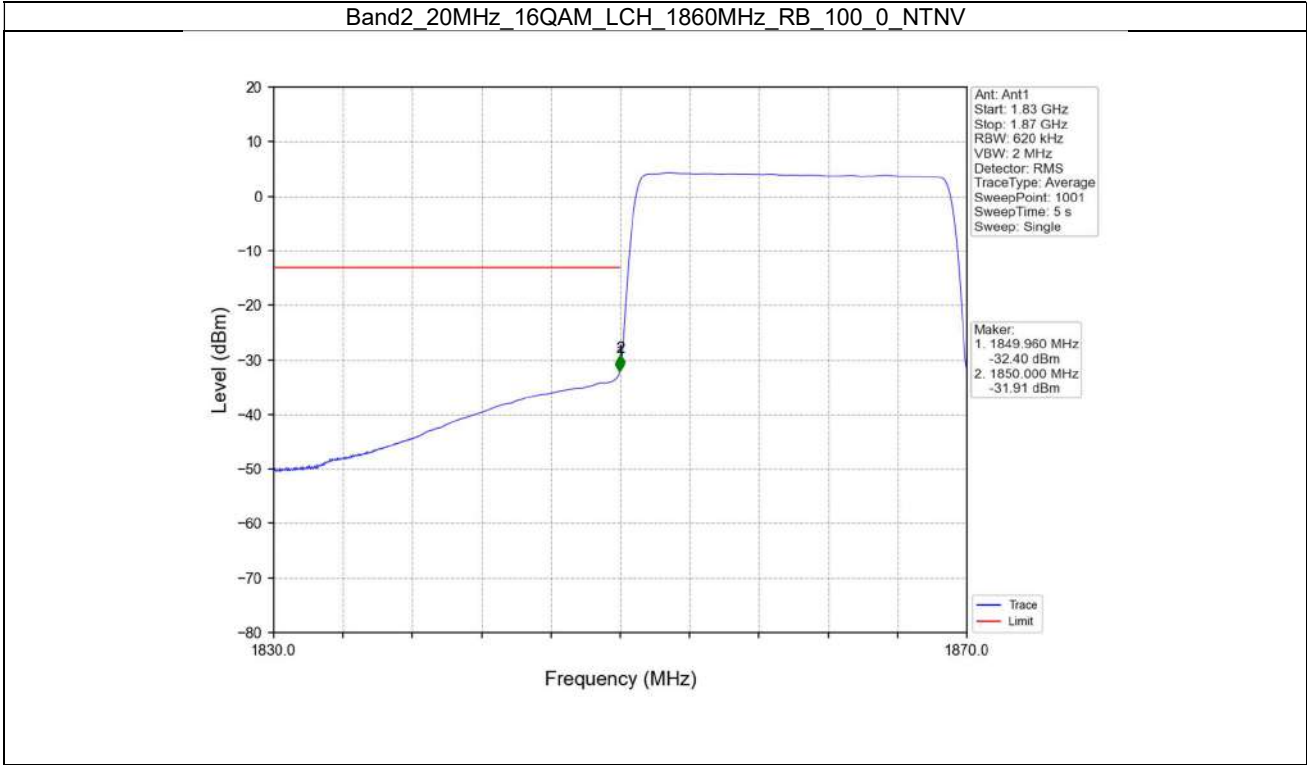
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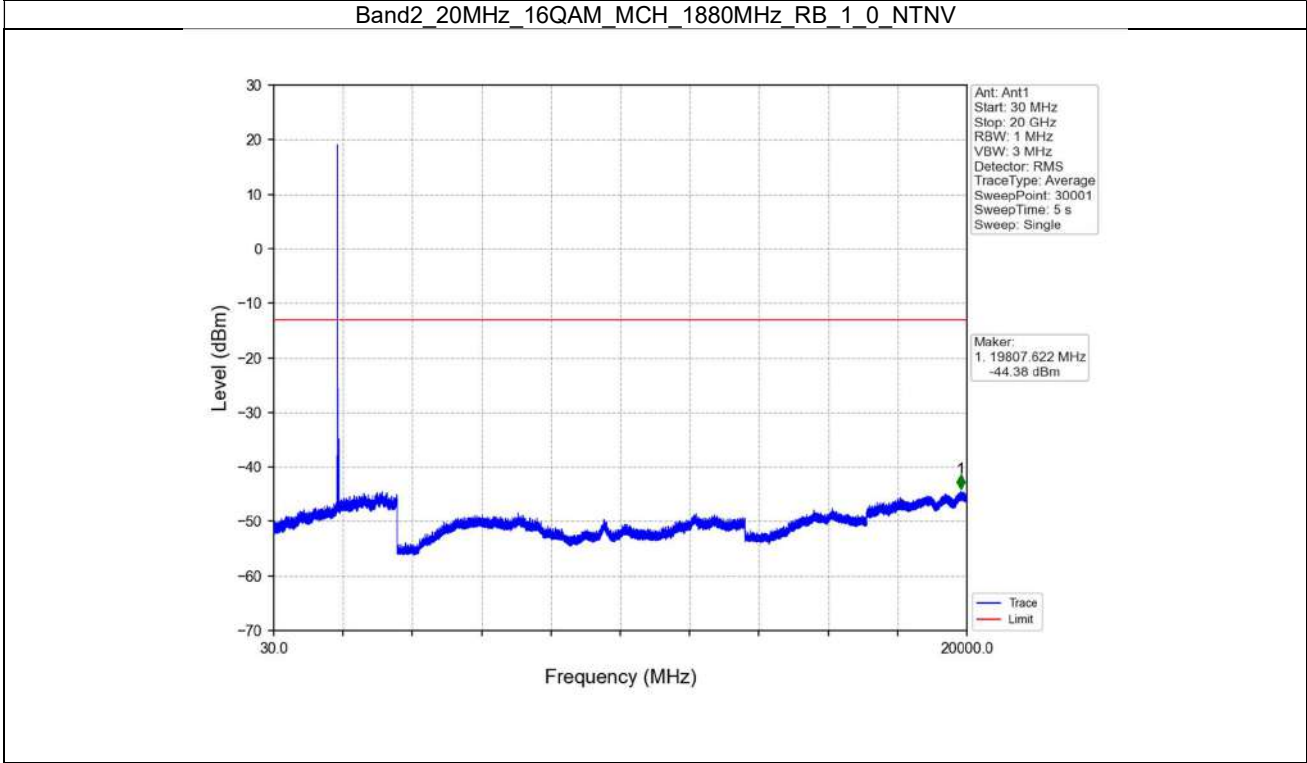


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Band2_20MHz_16QAM_MCH_1880MHz_RB_1_0_NTNV



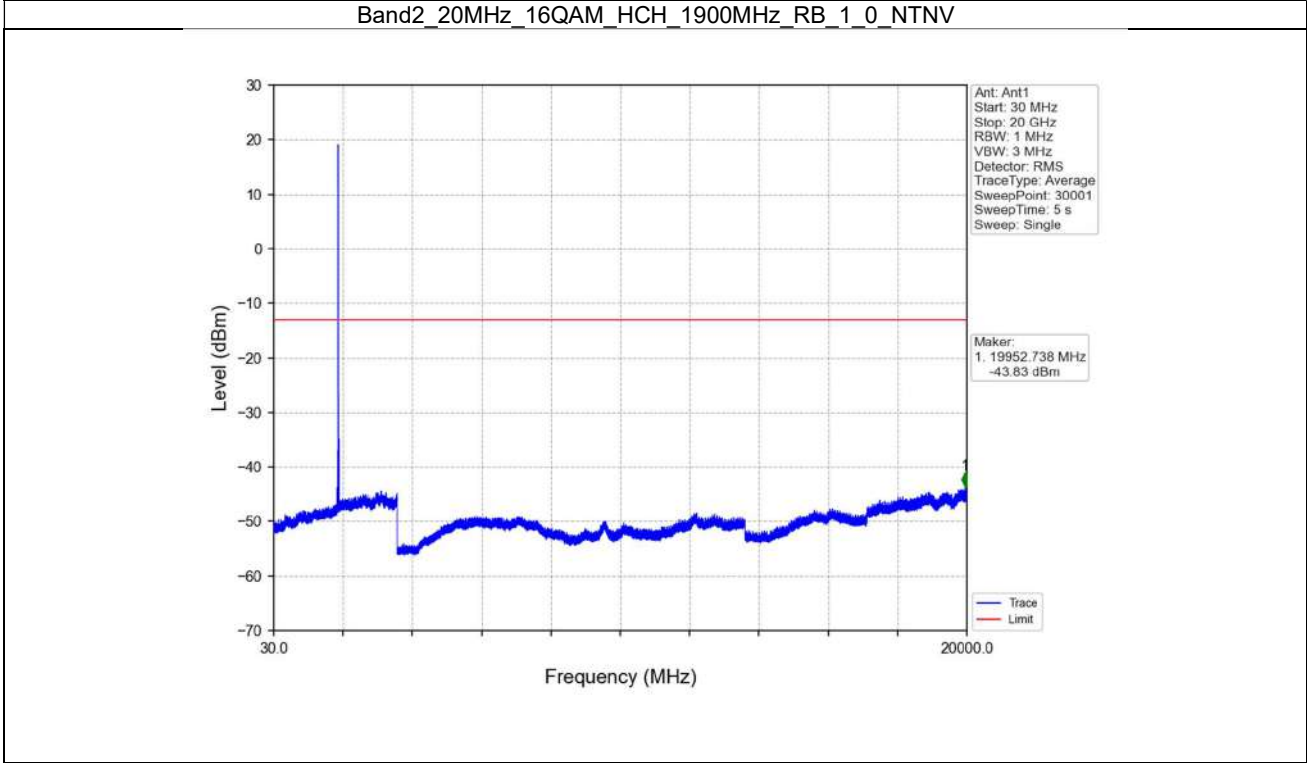
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Band2_20MHz_16QAM_HCH_1900MHz_RB_1_0_NTNV

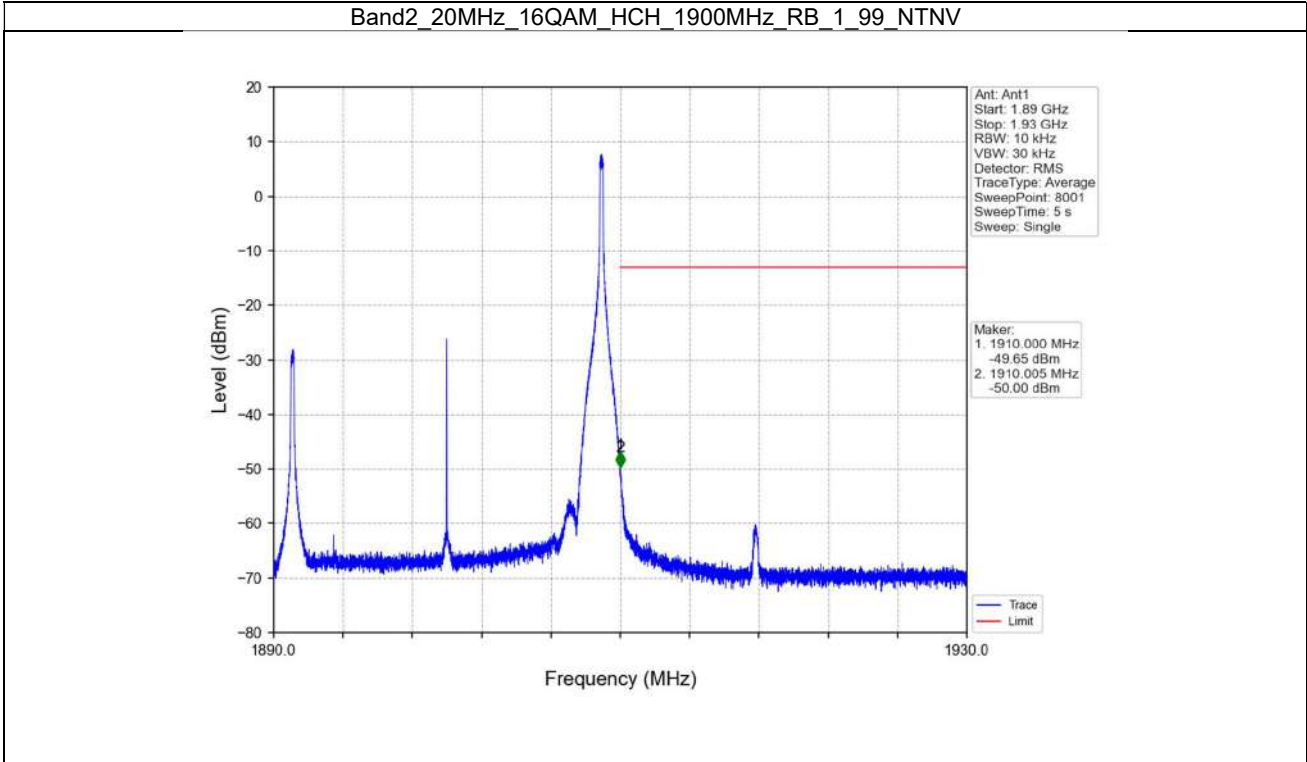


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Band2_20MHz_16QAM_HCH_1900MHz_RB_1_99_NTNV



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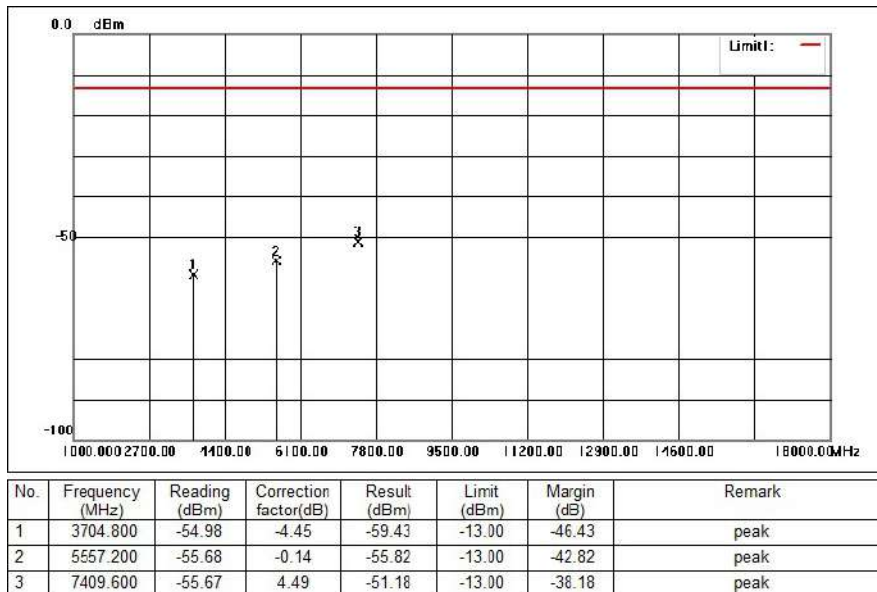
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7. Field Strength of Spurious Radiation

Up Antenna

LTE BAND 2-20MHz-Low channel

Polarization: H



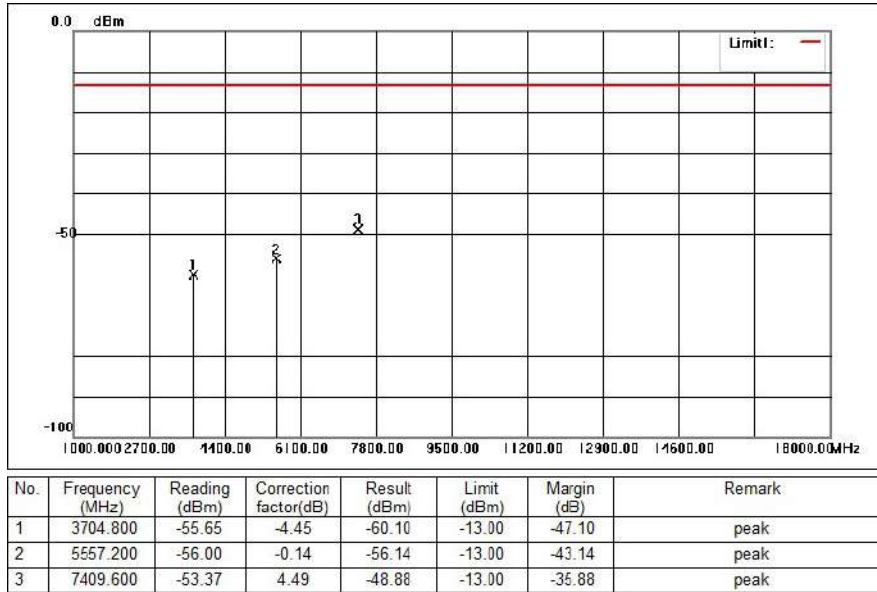
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Polarization: V



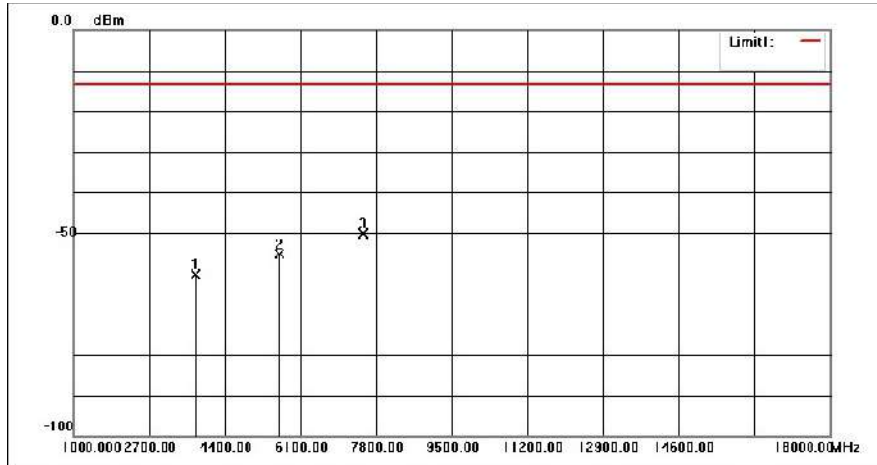
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LTE BAND 2-20MHz-Middle channel

Polarization: H



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-55.99	-4.47	-60.46	-13.00	-47.46	peak
2	5640.000	-55.12	-0.02	-55.14	-13.00	-42.14	peak
3	7520.000	-55.27	5.16	-50.11	-13.00	-37.11	peak

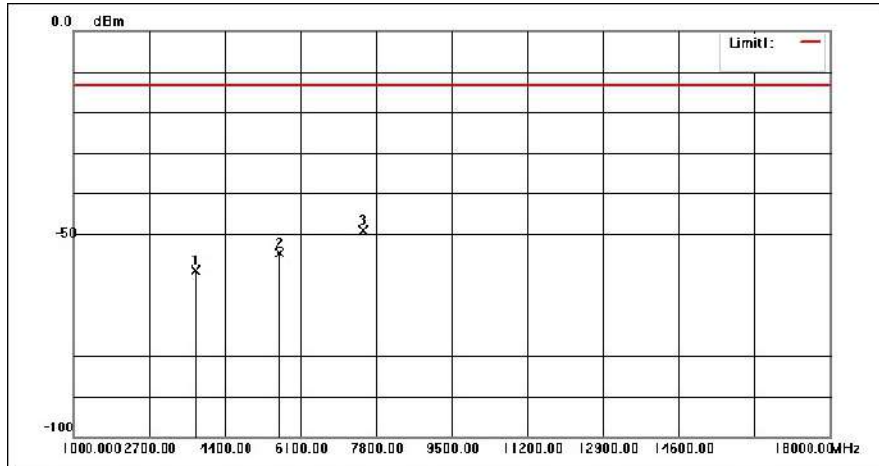


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Polarization: V



No.	Frequency (MHz)	Reading (dBm)	Correction factor(dB)	Result (dBm)	Limit (dBm)	Margin (dB)	Remark
1	3760.000	-54.63	-4.47	-59.10	-13.00	-46.10	peak
2	5640.000	-54.59	-0.02	-54.61	-13.00	-41.61	peak
3	7520.000	-54.17	5.16	-49.01	-13.00	-36.01	peak

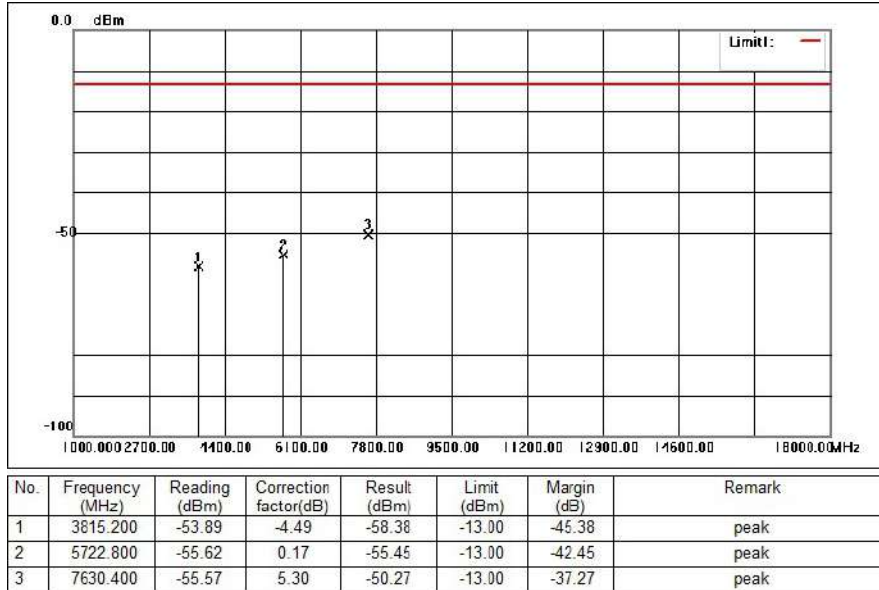


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LTE BAND 2-20MHz-High channel

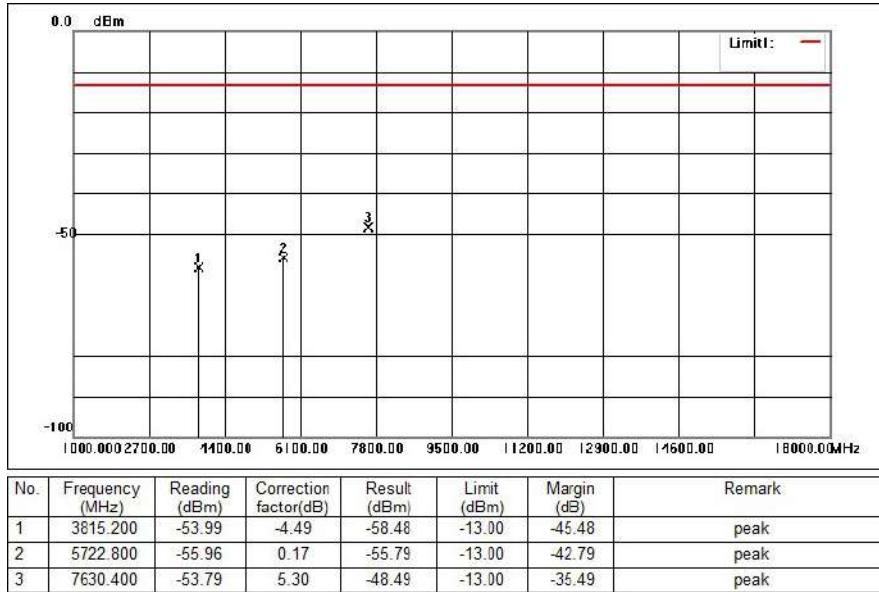
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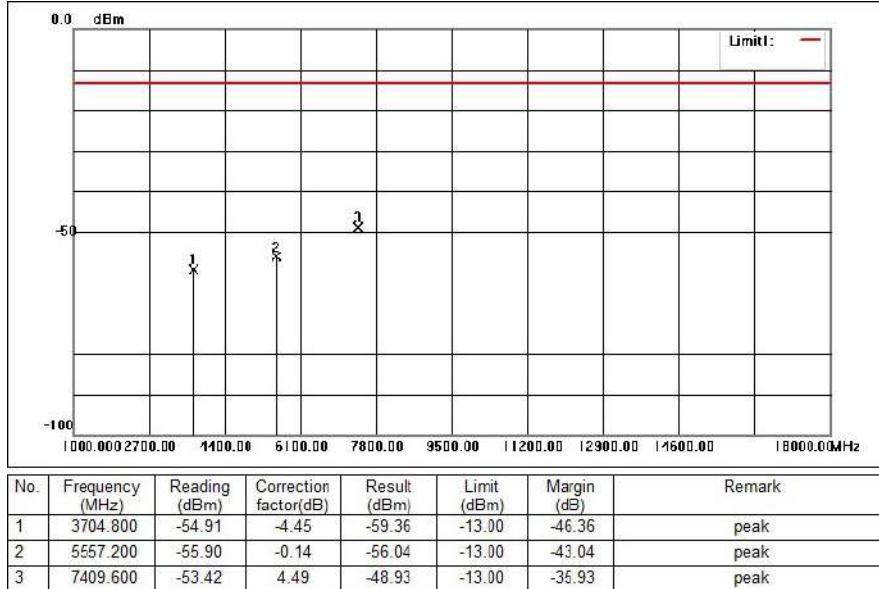
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Down Antenna

LTE BAND 2-20MHz-Low channel

Polarization: H



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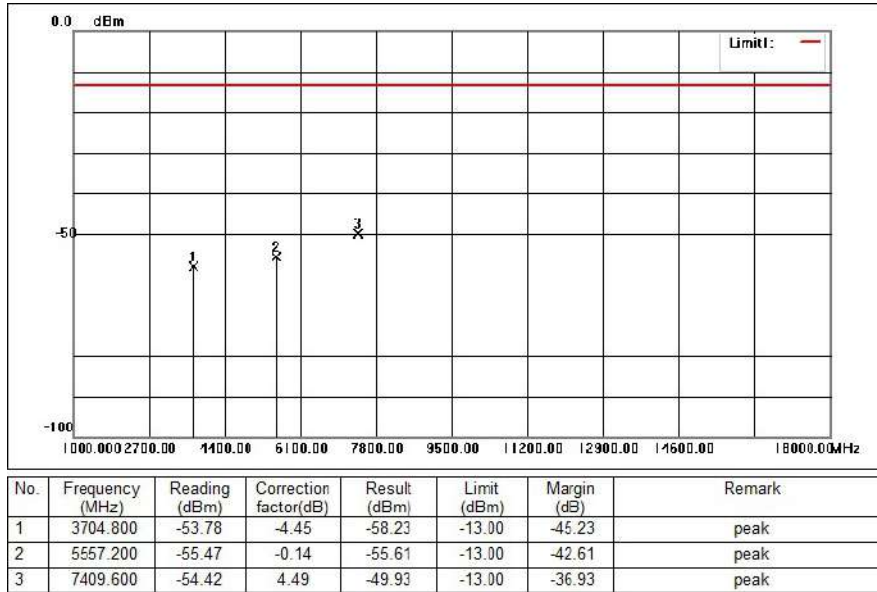
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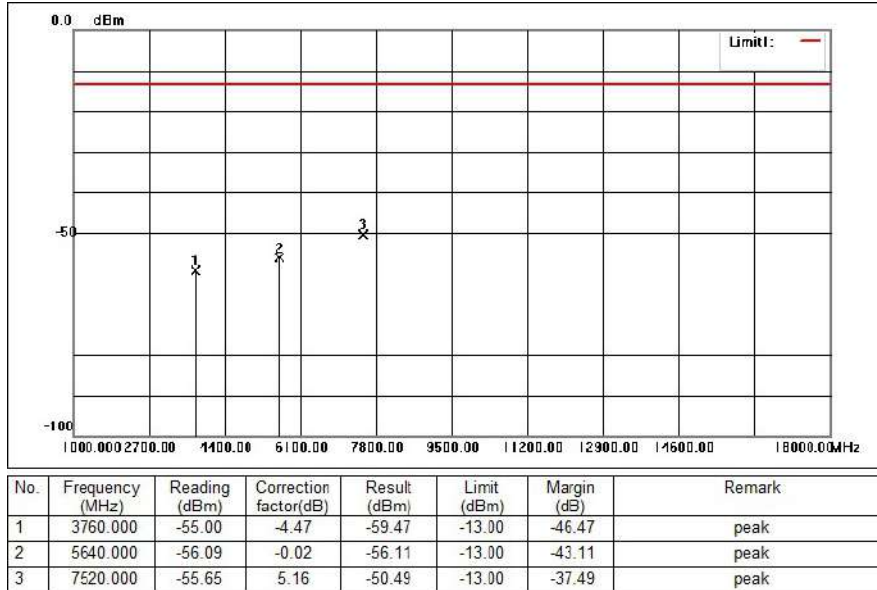
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LTE BAND 2-20MHz-Middle channel

Polarization: H



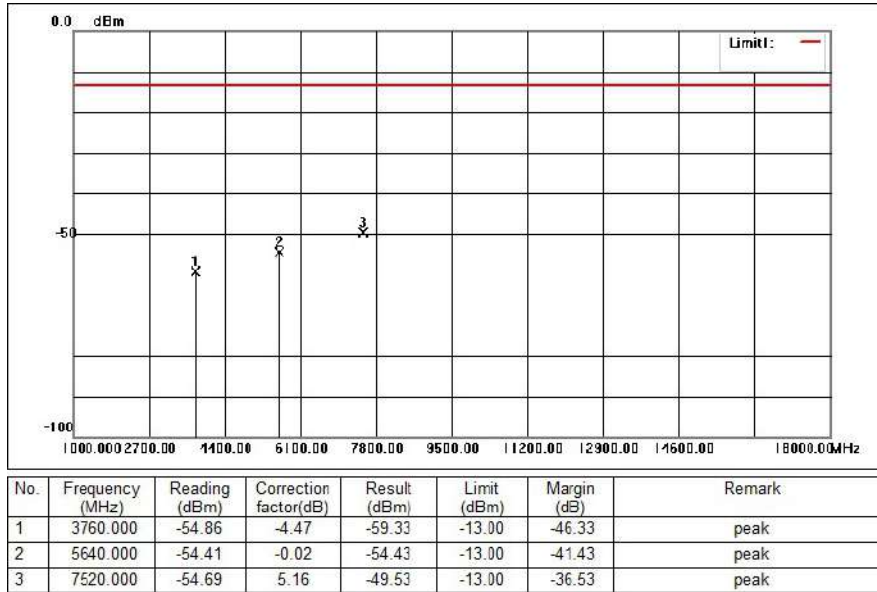
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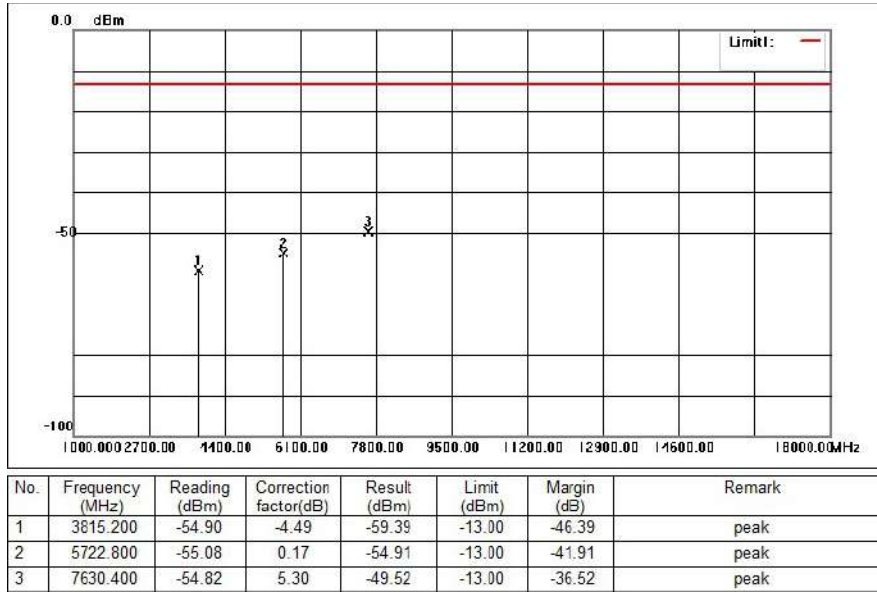
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LTE BAND 2-20MHz-High channel

Polarization: H

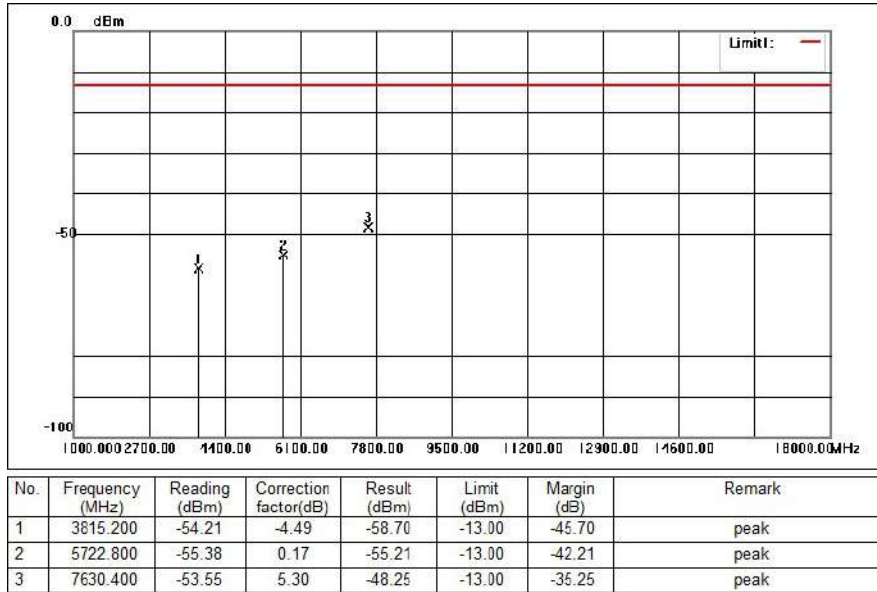


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Polarization: V



Remark1:According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
Remark2:The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



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