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Appendix B.18

LTE Band 43(3600-3700)



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B43c_5MHz_EIRP

1.1.1 Test Result

Band: 43c / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3602.5	1	0	22.12	-4.6	17.52	<=23	Pass		
			13	21.74	-4.6	17.14	<=23	Pass		
			24	21.76	-4.6	17.16	<=23	Pass		
		12	0	19.45	-4.6	14.85	<=23	Pass		
			6	21.42	-4.6	16.82	<=23	Pass		
			13	21.10	-4.6	16.5	<=23	Pass		
		25	0	20.03	-4.6	15.43	<=23	Pass		
		3650	1	0	21.87	-4.6	17.27	<=23	Pass	
				13	21.89	-4.6	17.29	<=23	Pass	
	24			21.72	-4.6	17.12	<=23	Pass		
	12		0	21.36	-4.6	16.76	<=23	Pass		
			6	20.86	-4.6	16.26	<=23	Pass		
			13	21.97	-4.6	17.37	<=23	Pass		
	25		0	21.47	-4.6	16.87	<=23	Pass		
	3697.5		1	0	22.05	-4.6	17.45	<=23	Pass	
				13	22.13	-4.6	17.53	<=23	Pass	
		24		22.08	-4.6	17.48	<=23	Pass		
		12	0	21.37	-4.6	16.77	<=23	Pass		
			6	22.03	-4.6	17.43	<=23	Pass		
			13	21.41	-4.6	16.81	<=23	Pass		
		25	0	21.56	-4.6	16.96	<=23	Pass		
		16QAM	3602.5	1	0	21.01	-4.6	16.41	<=23	Pass
					13	21.59	-4.6	16.99	<=23	Pass
	24				21.59	-4.6	16.99	<=23	Pass	
12	0			20.03	-4.6	15.43	<=23	Pass		
	6			19.61	-4.6	15.01	<=23	Pass		
	13			19.67	-4.6	15.07	<=23	Pass		
25	0			20.29	-4.6	15.69	<=23	Pass		
3650	1			0	21.89	-4.6	17.29	<=23	Pass	
				13	22.11	-4.6	17.51	<=23	Pass	
			24	21.23	-4.6	16.63	<=23	Pass		
	12		0	20.71	-4.6	16.11	<=23	Pass		
			6	20.86	-4.6	16.26	<=23	Pass		
			13	20.69	-4.6	16.09	<=23	Pass		
	25		0	21.05	-4.6	16.45	<=23	Pass		
	3697.5		1	0	22.00	-4.6	17.4	<=23	Pass	
				13	22.06	-4.6	17.46	<=23	Pass	



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64QAM	3602.5	12	24	22.01	-4.6	17.41	<=23	Pass
			0	21.34	-4.6	16.74	<=23	Pass
			6	21.74	-4.6	17.14	<=23	Pass
		25	13	21.27	-4.6	16.67	<=23	Pass
			0	21.13	-4.6	16.53	<=23	Pass
			6	20.16	-4.6	15.56	<=23	Pass
	3650	1	13	19.86	-4.6	15.26	<=23	Pass
			24	20.28	-4.6	15.68	<=23	Pass
			0	18.87	-4.6	14.27	<=23	Pass
		12	6	18.50	-4.6	13.9	<=23	Pass
			13	18.79	-4.6	14.19	<=23	Pass
			0	19.26	-4.6	14.66	<=23	Pass
3697.5	1	0	20.68	-4.6	16.08	<=23	Pass	
		13	20.07	-4.6	15.47	<=23	Pass	
		24	20.56	-4.6	15.96	<=23	Pass	
	12	0	19.37	-4.6	14.77	<=23	Pass	
		6	19.50	-4.6	14.9	<=23	Pass	
		13	17.72	-4.6	13.12	<=23	Pass	
256QAM	3602.5	1	0	19.13	-4.6	14.53	<=23	Pass
			13	21.48	-4.6	16.88	<=23	Pass
			24	21.63	-4.6	17.03	<=23	Pass
		12	0	20.48	-4.6	15.88	<=23	Pass
			6	20.30	-4.6	15.7	<=23	Pass
			13	20.95	-4.6	16.35	<=23	Pass
	3650	1	0	20.17	-4.6	15.57	<=23	Pass
			13	17.38	-4.6	12.78	<=23	Pass
			24	17.13	-4.6	12.53	<=23	Pass
		12	0	16.97	-4.6	12.37	<=23	Pass
			6	17.30	-4.6	12.7	<=23	Pass
			13	17.25	-4.6	12.65	<=23	Pass
3697.5	1	0	17.30	-4.6	12.7	<=23	Pass	
		13	17.65	-4.6	13.05	<=23	Pass	
		24	17.97	-4.6	13.37	<=23	Pass	
	12	0	17.42	-4.6	12.82	<=23	Pass	
		6	16.98	-4.6	12.38	<=23	Pass	
		13	18.20	-4.6	13.6	<=23	Pass	
3697.5	1	0	17.36	-4.6	12.76	<=23	Pass	
		13	17.98	-4.6	13.38	<=23	Pass	
		24	17.49	-4.6	12.89	<=23	Pass	
	12	0	18.80	-4.6	14.2	<=23	Pass	
		6	18.19	-4.6	13.59	<=23	Pass	
		13	18.25	-4.6	13.65	<=23	Pass	
25	0	18.58	-4.6	13.98	<=23	Pass		
	6	18.87	-4.6	14.27	<=23	Pass		
	13	18.86	-4.6	14.26	<=23	Pass		

Note 1: EIRP/10MHz=Conducted Power+Antenna Gain



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 Shenzhen Branch, Wireless Laboratory

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1.2 B43c_10MHz_EIRP

1.2.1 Test Result

Band: 43c / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict	
		Size	Offset			Result	Limit		
QPSK	3605	1	0	21.89	-4.6	17.29	<=23	Pass	
			25	21.92	-4.6	17.32	<=23	Pass	
			49	22.03	-4.6	17.43	<=23	Pass	
		25	0	21.04	-4.6	16.44	<=23	Pass	
			13	21.01	-4.6	16.41	<=23	Pass	
			25	20.88	-4.6	16.28	<=23	Pass	
	3650	1	0	21.15	-4.6	16.55	<=23	Pass	
			25	20.33	-4.6	15.73	<=23	Pass	
			49	20.82	-4.6	16.22	<=23	Pass	
		25	0	21.90	-4.6	17.3	<=23	Pass	
			13	20.74	-4.6	16.14	<=23	Pass	
			25	21.80	-4.6	17.2	<=23	Pass	
	3695	1	0	22.06	-4.6	17.46	<=23	Pass	
			25	21.64	-4.6	17.04	<=23	Pass	
			49	22.03	-4.6	17.43	<=23	Pass	
		25	0	22.01	-4.6	17.41	<=23	Pass	
			13	21.81	-4.6	17.21	<=23	Pass	
			25	21.61	-4.6	17.01	<=23	Pass	
	16QAM	3605	1	0	21.70	-4.6	17.1	<=23	Pass
				25	21.75	-4.6	17.15	<=23	Pass
				49	21.63	-4.6	17.03	<=23	Pass
			25	0	20.79	-4.6	16.19	<=23	Pass
				13	19.63	-4.6	15.03	<=23	Pass
				25	21.54	-4.6	16.94	<=23	Pass
3650		1	0	20.00	-4.6	15.4	<=23	Pass	
			13	20.19	-4.6	15.59	<=23	Pass	
			25	20.05	-4.6	15.45	<=23	Pass	
		25	0	20.11	-4.6	15.51	<=23	Pass	
			13	21.97	-4.6	17.37	<=23	Pass	
			25	21.75	-4.6	17.15	<=23	Pass	
3695		1	0	22.12	-4.6	17.52	<=23	Pass	
			13	20.80	-4.6	16.2	<=23	Pass	
			25	20.50	-4.6	15.9	<=23	Pass	
		25	0	20.85	-4.6	16.25	<=23	Pass	
			13	20.69	-4.6	16.09	<=23	Pass	
			25	21.77	-4.6	17.17	<=23	Pass	
3695		1	0	21.99	-4.6	17.39	<=23	Pass	
			13	21.98	-4.6	17.38	<=23	Pass	
			25	21.38	-4.6	16.78	<=23	Pass	
		25	0	21.53	-4.6	16.93	<=23	Pass	
			13	21.53	-4.6	16.93	<=23	Pass	
			25	21.53	-4.6	16.93	<=23	Pass	



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64QAM	3605	50	25	21.53	-4.6	16.93	<=23	Pass	
			0	21.65	-4.6	17.05	<=23	Pass	
			0	19.94	-4.6	15.34	<=23	Pass	
		1	25	20.33	-4.6	15.73	<=23	Pass	
			49	20.33	-4.6	15.73	<=23	Pass	
			0	18.91	-4.6	14.31	<=23	Pass	
		25	13	19.02	-4.6	14.42	<=23	Pass	
			25	19.19	-4.6	14.59	<=23	Pass	
			0	18.99	-4.6	14.39	<=23	Pass	
		50	0	18.99	-4.6	14.39	<=23	Pass	
			0	20.57	-4.6	15.97	<=23	Pass	
			25	20.36	-4.6	15.76	<=23	Pass	
	3650	1	49	20.61	-4.6	16.01	<=23	Pass	
			0	20.00	-4.6	15.4	<=23	Pass	
			13	20.05	-4.6	15.45	<=23	Pass	
		25	25	19.93	-4.6	15.33	<=23	Pass	
			0	19.76	-4.6	15.16	<=23	Pass	
			0	21.77	-4.6	17.17	<=23	Pass	
		3695	1	25	21.88	-4.6	17.28	<=23	Pass
				49	21.54	-4.6	16.94	<=23	Pass
				0	20.78	-4.6	16.18	<=23	Pass
			25	13	20.88	-4.6	16.28	<=23	Pass
				25	20.76	-4.6	16.16	<=23	Pass
				0	20.78	-4.6	16.18	<=23	Pass
256QAM	3605	1	0	17.45	-4.6	12.85	<=23	Pass	
			25	15.44	-4.6	10.84	<=23	Pass	
			49	17.04	-4.6	12.44	<=23	Pass	
		25	0	17.16	-4.6	12.56	<=23	Pass	
			13	17.30	-4.6	12.7	<=23	Pass	
			25	17.39	-4.6	12.79	<=23	Pass	
		50	0	17.30	-4.6	12.7	<=23	Pass	
			0	17.73	-4.6	13.13	<=23	Pass	
			25	17.77	-4.6	13.17	<=23	Pass	
		3650	1	49	17.53	-4.6	12.93	<=23	Pass
				0	17.83	-4.6	13.23	<=23	Pass
				13	16.42	-4.6	11.82	<=23	Pass
	25		25	17.79	-4.6	13.19	<=23	Pass	
			0	17.77	-4.6	13.17	<=23	Pass	
			0	17.82	-4.6	13.22	<=23	Pass	
	3695		1	25	18.52	-4.6	13.92	<=23	Pass
				49	17.85	-4.6	13.25	<=23	Pass
				0	18.70	-4.6	14.1	<=23	Pass
			25	13	18.83	-4.6	14.23	<=23	Pass
				25	18.42	-4.6	13.82	<=23	Pass
				0	18.87	-4.6	14.27	<=23	Pass

Note1: EIRP/10MHz=Conducted Power+Antenna Gain



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1.3 B43c_15MHz_EIRP

1.3.1 Test Result

Band: 43c / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3607.5	1	0	22.12	-4.6	17.52	<=23	Pass		
			38	20.35	-4.6	15.75	<=23	Pass		
			74	22.19	-4.6	17.59	<=23	Pass		
		36	0	21.04	-4.6	16.44	<=23	Pass		
			18	21.23	-4.6	16.63	<=23	Pass		
			39	21.28	-4.6	16.68	<=23	Pass		
		75	0	19.78	-4.6	15.18	<=23	Pass		
		3650	1	0	20.96	-4.6	16.36	<=23	Pass	
				38	22.10	-4.6	17.5	<=23	Pass	
	74			22.04	-4.6	17.44	<=23	Pass		
	36		0	21.43	-4.6	16.83	<=23	Pass		
			18	21.70	-4.6	17.1	<=23	Pass		
			39	21.57	-4.6	16.97	<=23	Pass		
	75		0	20.17	-4.6	15.57	<=23	Pass		
	3692.5		1	0	20.87	-4.6	16.27	<=23	Pass	
				38	21.97	-4.6	17.37	<=23	Pass	
		74		21.84	-4.6	17.24	<=23	Pass		
		36	0	22.07	-4.6	17.47	<=23	Pass		
			18	21.98	-4.6	17.38	<=23	Pass		
			39	22.14	-4.6	17.54	<=23	Pass		
		75	0	20.89	-4.6	16.29	<=23	Pass		
		16QAM	3607.5	1	0	21.34	-4.6	16.74	<=23	Pass
					38	21.07	-4.6	16.47	<=23	Pass
	74				21.36	-4.6	16.76	<=23	Pass	
36	0			19.95	-4.6	15.35	<=23	Pass		
	18			20.04	-4.6	15.44	<=23	Pass		
	39			20.09	-4.6	15.49	<=23	Pass		
75	0			18.78	-4.6	14.18	<=23	Pass		
3650	1			0	21.86	-4.6	17.26	<=23	Pass	
				38	21.31	-4.6	16.71	<=23	Pass	
			74	21.87	-4.6	17.27	<=23	Pass		
	36		0	20.40	-4.6	15.8	<=23	Pass		
			18	20.41	-4.6	15.81	<=23	Pass		
			39	20.62	-4.6	16.02	<=23	Pass		
	75		0	15.29	-4.6	10.69	<=23	Pass		
	3692.5		1	0	21.84	-4.6	17.24	<=23	Pass	
				38	21.55	-4.6	16.95	<=23	Pass	
74				21.49	-4.6	16.89	<=23	Pass		
36			0	21.15	-4.6	16.55	<=23	Pass		
			18	21.43	-4.6	16.83	<=23	Pass		



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64QAM	3607.5	75	39	21.25	-4.6	16.65	<=23	Pass		
			0	19.76	-4.6	15.16	<=23	Pass		
			0	20.05	-4.6	15.45	<=23	Pass		
		1	74	0	19.93	-4.6	15.33	<=23	Pass	
				0	20.34	-4.6	15.74	<=23	Pass	
				0	18.22	-4.6	13.62	<=23	Pass	
		36	75	18	19.05	-4.6	14.45	<=23	Pass	
				39	19.24	-4.6	14.64	<=23	Pass	
				0	17.77	-4.6	13.17	<=23	Pass	
		3650	1	74	0	20.62	-4.6	16.02	<=23	Pass
					38	20.70	-4.6	16.1	<=23	Pass
					74	20.89	-4.6	16.29	<=23	Pass
	36			0	19.72	-4.6	15.12	<=23	Pass	
				18	19.24	-4.6	14.64	<=23	Pass	
				39	19.97	-4.6	15.37	<=23	Pass	
	75		0	18.35	-4.6	13.75	<=23	Pass		
			1	74	0	21.24	-4.6	16.64	<=23	Pass
					38	20.94	-4.6	16.34	<=23	Pass
					74	21.06	-4.6	16.46	<=23	Pass
			36	0	20.22	-4.6	15.62	<=23	Pass	
				18	19.28	-4.6	14.68	<=23	Pass	
	39	20.53		-4.6	15.93	<=23	Pass			
	75	0	15.94	-4.6	11.34	<=23	Pass			
	256QAM	3607.5	1	0	17.09	-4.6	12.49	<=23	Pass	
38				17.24	-4.6	12.64	<=23	Pass		
74				16.98	-4.6	12.38	<=23	Pass		
36			0	16.82	-4.6	12.22	<=23	Pass		
			18	17.16	-4.6	12.56	<=23	Pass		
			39	17.03	-4.6	12.43	<=23	Pass		
75			0	15.20	-4.6	10.6	<=23	Pass		
			1	74	0	17.57	-4.6	12.97	<=23	Pass
					38	17.40	-4.6	12.8	<=23	Pass
74					17.73	-4.6	13.13	<=23	Pass	
3650			36	0	17.21	-4.6	12.61	<=23	Pass	
				18	17.66	-4.6	13.06	<=23	Pass	
		39		17.67	-4.6	13.07	<=23	Pass		
		75	0	16.16	-4.6	11.56	<=23	Pass		
			1	74	0	18.34	-4.6	13.74	<=23	Pass
					38	18.27	-4.6	13.67	<=23	Pass
74		18.34			-4.6	13.74	<=23	Pass		
3692.5		36	0	18.40	-4.6	13.8	<=23	Pass		
			18	18.55	-4.6	13.95	<=23	Pass		
			39	18.39	-4.6	13.79	<=23	Pass		
		75	0	17.30	-4.6	12.7	<=23	Pass		

Note1: EIRP/10MHz=Conducted Power+Antenna Gain



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1.4 B43c_20MHz_EIRP

1.4.1 Test Result

Band: 43c / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict	
		Size	Offset			Result	Limit		
QPSK	3610	1	0	21.63	-4.6	17.03	<=23	Pass	
			50	20.10	-4.6	15.5	<=23	Pass	
			99	22.19	-4.6	17.59	<=23	Pass	
		50	0	20.99	-4.6	16.39	<=23	Pass	
			25	21.04	-4.6	16.44	<=23	Pass	
			50	21.21	-4.6	16.61	<=23	Pass	
	100	0	11.58	-4.6	6.98	<=23	Pass		
	3650	1	0	21.58	-4.6	16.98	<=23	Pass	
			50	21.47	-4.6	16.87	<=23	Pass	
			99	21.4	-4.6	16.8	<=23	Pass	
		50	0	21.48	-4.6	16.88	<=23	Pass	
			25	21.62	-4.6	17.02	<=23	Pass	
			50	19.40	-4.6	14.8	<=23	Pass	
	100	0	19.04	-4.6	14.44	<=23	Pass		
	3690	1	0	20.95	-4.6	16.35	<=23	Pass	
			50	22.17	-4.6	17.57	<=23	Pass	
			99	22.04	-4.6	17.44	<=23	Pass	
		50	0	21.33	-4.6	16.73	<=23	Pass	
			25	21.48	-4.6	16.88	<=23	Pass	
			50	21.36	-4.6	16.76	<=23	Pass	
	100	0	20.16	-4.6	15.56	<=23	Pass		
	16QAM	3610	1	0	20.77	-4.6	16.17	<=23	Pass
				50	20.97	-4.6	16.37	<=23	Pass
				99	21.78	-4.6	17.18	<=23	Pass
50			0	20.06	-4.6	15.46	<=23	Pass	
			25	19.75	-4.6	15.15	<=23	Pass	
			50	20.28	-4.6	15.68	<=23	Pass	
100		0	17.77	-4.6	13.17	<=23	Pass		
3650		1	0	21.69	-4.6	17.09	<=23	Pass	
			50	21.82	-4.6	17.22	<=23	Pass	
			99	21.76	-4.6	17.16	<=23	Pass	
		50	0	20.55	-4.6	15.95	<=23	Pass	
			25	20.59	-4.6	15.99	<=23	Pass	
			50	20.23	-4.6	15.63	<=23	Pass	
100		0	17.97	-4.6	13.37	<=23	Pass		
3690		1	0	21.83	-4.6	17.23	<=23	Pass	
			50	22.15	-4.6	17.55	<=23	Pass	
			99	22.00	-4.6	17.4	<=23	Pass	
		50	0	20.70	-4.6	16.1	<=23	Pass	
			25	21.14	-4.6	16.54	<=23	Pass	
			50	21.14	-4.6	16.54	<=23	Pass	



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64QAM	3610	100	50	20.75	-4.6	16.15	<=23	Pass	
			0	18.93	-4.6	14.33	<=23	Pass	
			0	19.73	-4.6	15.13	<=23	Pass	
		50	1	50	20.23	-4.6	15.63	<=23	Pass
				99	20.02	-4.6	15.42	<=23	Pass
				0	19.28	-4.6	14.68	<=23	Pass
			100	25	19.03	-4.6	14.43	<=23	Pass
				50	19.07	-4.6	14.47	<=23	Pass
				0	16.39	-4.6	11.79	<=23	Pass
	3650	1	0	20.91	-4.6	16.31	<=23	Pass	
			50	20.69	-4.6	16.09	<=23	Pass	
			99	20.58	-4.6	15.98	<=23	Pass	
		50	0	19.36	-4.6	14.76	<=23	Pass	
			25	19.40	-4.6	14.8	<=23	Pass	
			50	19.51	-4.6	14.91	<=23	Pass	
		100	0	17.24	-4.6	12.64	<=23	Pass	
		3690	1	0	20.86	-4.6	16.26	<=23	Pass
				50	21.40	-4.6	16.8	<=23	Pass
	99			21.47	-4.6	16.87	<=23	Pass	
	50		0	19.91	-4.6	15.31	<=23	Pass	
			25	20.32	-4.6	15.72	<=23	Pass	
			50	20.42	-4.6	15.82	<=23	Pass	
	100		0	17.99	-4.6	13.39	<=23	Pass	
	256QAM		3610	1	0	16.59	-4.6	11.99	<=23
50					17.20	-4.6	12.6	<=23	Pass
99		17.32			-4.6	12.72	<=23	Pass	
50		0		16.83	-4.6	12.23	<=23	Pass	
		25		17.44	-4.6	12.84	<=23	Pass	
		50		17.34	-4.6	12.74	<=23	Pass	
100		0		14.65	-4.6	10.05	<=23	Pass	
3650		1		0	16.92	-4.6	12.32	<=23	Pass
				50	18.21	-4.6	13.61	<=23	Pass
			99	17.96	-4.6	13.36	<=23	Pass	
		50	0	17.63	-4.6	13.03	<=23	Pass	
			25	17.23	-4.6	12.63	<=23	Pass	
			50	17.68	-4.6	13.08	<=23	Pass	
		100	0	15.13	-4.6	10.53	<=23	Pass	
		3690	1	0	18.21	-4.6	13.61	<=23	Pass
				50	18.50	-4.6	13.9	<=23	Pass
99				18.40	-4.6	13.8	<=23	Pass	
50			0	18.19	-4.6	13.59	<=23	Pass	
			25	18.56	-4.6	13.96	<=23	Pass	
			50	17.51	-4.6	12.91	<=23	Pass	
100			0	12.92	-4.6	8.32	<=23	Pass	

Note1: EIRP/10MHz=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 B43c_5MHz

2.1.1 Test Result

Band: 43c / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3602.5	25	0	20	3.55	19.212	0.0053	/	Pass
					4.0	17.710	0.0049	/	Pass
					4.4	17.281	0.0048	/	Pass
				-30	4.0	17.238	0.0048	/	Pass
				-20	4.0	23.260	0.0065	/	Pass
				-10	4.0	17.996	0.0050	/	Pass
				0	4.0	20.943	0.0058	/	Pass
				10	4.0	19.383	0.0054	/	Pass
				30	4.0	17.796	0.0049	/	Pass
				40	4.0	18.597	0.0052	/	Pass
	50	4.0	25.120	0.0070	/	Pass			
	3650	25	0	20	3.55	7.095	0.0019	/	Pass
					4.0	9.255	0.0025	/	Pass
					4.4	12.174	0.0033	/	Pass
				-30	4.0	10.285	0.0028	/	Pass
				-20	4.0	13.161	0.0036	/	Pass
				-10	4.0	7.639	0.0021	/	Pass
				0	4.0	9.542	0.0026	/	Pass
				10	4.0	14.777	0.0040	/	Pass
				30	4.0	8.655	0.0024	/	Pass
				40	4.0	14.992	0.0041	/	Pass
	50	4.0	8.655	0.0024	/	Pass			
	3697.5	25	0	20	3.55	11.315	0.0031	/	Pass
					4.0	15.278	0.0041	/	Pass
					4.4	14.505	0.0039	/	Pass
				-30	4.0	12.617	0.0034	/	Pass
				-20	4.0	9.985	0.0027	/	Pass
				-10	4.0	15.321	0.0041	/	Pass
				0	4.0	15.879	0.0043	/	Pass
				10	4.0	15.221	0.0041	/	Pass
30				4.0	13.590	0.0037	/	Pass	
40				4.0	8.225	0.0022	/	Pass	
50	4.0	14.491	0.0039	/	Pass				
16QAM	3602.5	25	0	20	3.55	20.771	0.0058	/	Pass
					4.0	21.300	0.0059	/	Pass
					4.4	19.498	0.0054	/	Pass
				-30	4.0	21.386	0.0059	/	Pass



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64QAM	3650	25	0	-20	4.0	24.376	0.0068	/	Pass		
				-10	4.0	28.667	0.0080	/	Pass		
				0	4.0	22.259	0.0062	/	Pass		
				10	4.0	17.452	0.0048	/	Pass		
				30	4.0	20.342	0.0056	/	Pass		
				40	4.0	27.180	0.0075	/	Pass		
				50	4.0	26.178	0.0073	/	Pass		
	3697.5	25	0	20	3.55	15.879	0.0044	/	Pass		
					4.0	15.121	0.0041	/	Pass		
					4.4	14.405	0.0039	/	Pass		
				-30	4.0	9.327	0.0026	/	Pass		
				-20	4.0	13.318	0.0036	/	Pass		
				-10	4.0	14.462	0.0040	/	Pass		
				0	4.0	15.035	0.0041	/	Pass		
				10	4.0	12.546	0.0034	/	Pass		
				30	4.0	12.045	0.0033	/	Pass		
				40	4.0	11.244	0.0031	/	Pass		
				50	4.0	10.915	0.0030	/	Pass		
	3697.5	25	0	20	3.55	13.990	0.0038	/	Pass		
					4.0	9.813	0.0027	/	Pass		
					4.4	10.972	0.0030	/	Pass		
				-30	4.0	5.736	0.0016	/	Pass		
				-20	4.0	6.967	0.0019	/	Pass		
				-10	4.0	8.898	0.0024	/	Pass		
				0	4.0	10.014	0.0027	/	Pass		
				10	4.0	12.960	0.0035	/	Pass		
				30	4.0	13.103	0.0035	/	Pass		
				40	4.0	12.374	0.0033	/	Pass		
50				4.0	7.267	0.0020	/	Pass			
3602.5	25	0	20	3.55	25.692	0.0071	/	Pass			
				4.0	21.529	0.0060	/	Pass			
				4.4	16.980	0.0047	/	Pass			
			-30	4.0	18.196	0.0051	/	Pass			
			-20	4.0	26.336	0.0073	/	Pass			
			-10	4.0	21.071	0.0058	/	Pass			
			0	4.0	20.728	0.0058	/	Pass			
			10	4.0	19.140	0.0053	/	Pass			
			30	4.0	16.394	0.0046	/	Pass			
			40	4.0	22.702	0.0063	/	Pass			
			50	4.0	22.488	0.0062	/	Pass			
			3650	25	0	20	3.55	14.319	0.0039	/	Pass
							4.0	13.061	0.0036	/	Pass
							4.4	10.800	0.0030	/	Pass
-30	4.0	14.219				0.0039	/	Pass			
-20	4.0	13.332				0.0037	/	Pass			
-10	4.0	9.799				0.0027	/	Pass			
0	4.0	9.742				0.0027	/	Pass			
10	4.0	10.986	0.0030	/	Pass						



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				30	4.0	14.133	0.0039	/	Pass
				40	4.0	14.863	0.0041	/	Pass
				50	4.0	12.746	0.0035	/	Pass
				20	3.55	5.708	0.0015	/	Pass
					4.0	11.044	0.0030	/	Pass
					4.4	5.980	0.0016	/	Pass
				-30	4.0	11.029	0.0030	/	Pass
				-20	4.0	8.068	0.0022	/	Pass
				-10	4.0	5.107	0.0014	/	Pass
				0	4.0	10.729	0.0029	/	Pass
				10	4.0	8.426	0.0023	/	Pass
				30	4.0	14.534	0.0039	/	Pass
40	4.0	6.294	0.0017	/	Pass				
50	4.0	8.783	0.0024	/	Pass				
				20	3.55	13.504	0.0037	/	Pass
					4.0	15.750	0.0044	/	Pass
					4.4	20.013	0.0056	/	Pass
				-30	4.0	15.292	0.0042	/	Pass
				-20	4.0	20.700	0.0057	/	Pass
				-10	4.0	20.657	0.0057	/	Pass
				0	4.0	23.203	0.0064	/	Pass
				10	4.0	14.849	0.0041	/	Pass
				30	4.0	16.723	0.0046	/	Pass
				40	4.0	17.781	0.0049	/	Pass
				50	4.0	18.654	0.0052	/	Pass
				256QAM	3650	25	0	20	3.55
4.0	4.935	0.0014	/						Pass
4.4	3.533	0.0010	/						Pass
-30	4.0	9.770	0.0027					/	Pass
-20	4.0	10.486	0.0029					/	Pass
-10	4.0	10.314	0.0028					/	Pass
0	4.0	9.356	0.0026					/	Pass
10	4.0	9.069	0.0025					/	Pass
30	4.0	5.064	0.0014					/	Pass
40	4.0	8.097	0.0022					/	Pass
50	4.0	4.964	0.0014					/	Pass
	3697.5	25	0					20	3.55
				4.0	10.028	0.0027	/		Pass
				4.4	6.981	0.0019	/		Pass
				-30	4.0	6.595	0.0018	/	Pass
				-20	4.0	10.915	0.0030	/	Pass
				-10	4.0	11.401	0.0031	/	Pass
				0	4.0	9.499	0.0026	/	Pass
				10	4.0	9.785	0.0026	/	Pass
				30	4.0	6.151	0.0017	/	Pass
				40	4.0	3.548	0.0010	/	Pass
				50	4.0	10.486	0.0028	/	Pass



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2.2 B43c_10MHz

2.2.1 Test Result

Band: 43c / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3605	50	0	20	3.55	18.339	0.0051	/	Pass	
					4.0	22.917	0.0064	/	Pass	
					4.4	18.854	0.0052	/	Pass	
				-30	4.0	22.545	0.0063	/	Pass	
					-20	4.0	19.341	0.0054	/	Pass
						4.0	19.412	0.0054	/	Pass
				0	4.0	19.913	0.0055	/	Pass	
				10	4.0	22.588	0.0063	/	Pass	
				30	4.0	23.303	0.0065	/	Pass	
				40	4.0	25.735	0.0071	/	Pass	
	50	4.0	17.982	0.0050	/	Pass				
	3650	50	0	20	3.55	7.153	0.0020	/	Pass	
					4.0	11.058	0.0030	/	Pass	
					4.4	6.094	0.0017	/	Pass	
				-30	4.0	10.057	0.0028	/	Pass	
					-20	4.0	10.657	0.0029	/	Pass
						4.0	11.473	0.0031	/	Pass
				0	4.0	6.509	0.0018	/	Pass	
				10	4.0	12.732	0.0035	/	Pass	
				30	4.0	12.474	0.0034	/	Pass	
				40	4.0	12.574	0.0034	/	Pass	
	50	4.0	11.759	0.0032	/	Pass				
	3695	50	0	20	3.55	12.960	0.0035	/	Pass	
					4.0	13.461	0.0036	/	Pass	
					4.4	13.390	0.0036	/	Pass	
				-30	4.0	9.313	0.0025	/	Pass	
					-20	4.0	7.124	0.0019	/	Pass
						4.0	14.892	0.0040	/	Pass
				0	4.0	15.035	0.0041	/	Pass	
				10	4.0	14.005	0.0038	/	Pass	
30				4.0	8.883	0.0024	/	Pass		
40				4.0	11.759	0.0032	/	Pass		
50	4.0	12.546	0.0034	/	Pass					
16QAM	3605	50	0	20	3.55	16.866	0.0047	/	Pass	
					4.0	17.939	0.0050	/	Pass	
					4.4	17.123	0.0047	/	Pass	
				-30	4.0	18.053	0.0050	/	Pass	
					4.0	21.715	0.0060	/	Pass	
				0	4.0	22.702	0.0063	/	Pass	
			0	4.0	16.522	0.0046	/	Pass		



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64QAM	3650	50	0	10	4.0	23.732	0.0066	/	Pass	
				30	4.0	22.931	0.0064	/	Pass	
				40	4.0	17.524	0.0049	/	Pass	
				50	4.0	20.714	0.0057	/	Pass	
				20	3.55	7.482	0.0020	/	Pass	
					4.0	11.959	0.0033	/	Pass	
					4.4	12.574	0.0034	/	Pass	
					-30	4.0	7.524	0.0021	/	Pass
					-20	4.0	10.042	0.0028	/	Pass
					-10	4.0	7.167	0.0020	/	Pass
					0	4.0	11.258	0.0031	/	Pass
					10	4.0	11.773	0.0032	/	Pass
	3695	50	0	30	4.0	9.127	0.0025	/	Pass	
				40	4.0	13.490	0.0037	/	Pass	
				50	4.0	8.140	0.0022	/	Pass	
				20	3.55	12.975	0.0035	/	Pass	
					4.0	11.001	0.0030	/	Pass	
					4.4	7.339	0.0020	/	Pass	
	-30	4.0	12.774	0.0035	/	Pass				
	-20	4.0	8.326	0.0023	/	Pass				
	-10	4.0	11.559	0.0031	/	Pass				
	0	4.0	7.610	0.0021	/	Pass				
	10	4.0	11.687	0.0032	/	Pass				
	30	4.0	10.600	0.0029	/	Pass				
40	4.0	6.623	0.0018	/	Pass					
50	4.0	12.259	0.0033	/	Pass					
3605	50	0	20	3.55	18.454	0.0051	/	Pass		
				4.0	19.355	0.0054	/	Pass		
				4.4	19.684	0.0055	/	Pass		
			-30	4.0	16.894	0.0047	/	Pass		
			-20	4.0	18.125	0.0050	/	Pass		
			-10	4.0	20.814	0.0058	/	Pass		
			0	4.0	21.558	0.0060	/	Pass		
			10	4.0	18.682	0.0052	/	Pass		
			30	4.0	17.638	0.0049	/	Pass		
			40	4.0	18.082	0.0050	/	Pass		
			50	4.0	23.890	0.0066	/	Pass		
			3650	50	0	20	3.55	13.633	0.0037	/
	4.0	8.326					0.0023	/	Pass	
	4.4	10.500					0.0029	/	Pass	
	-30	4.0				5.779	0.0016	/	Pass	
	-20	4.0				11.401	0.0031	/	Pass	
	-10	4.0				10.471	0.0029	/	Pass	
	0	4.0				7.539	0.0021	/	Pass	
	10	4.0				8.597	0.0024	/	Pass	
	30	4.0				13.976	0.0038	/	Pass	
	40	4.0				10.972	0.0030	/	Pass	
	50	4.0				11.902	0.0033	/	Pass	



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3695	50	0	20	3.55	0.386	0.0001	/	Pass				
				4.0	0.801	0.0002	/	Pass				
				4.4	4.005	0.0011	/	Pass				
			-30	4.0	0.458	0.0001	/	Pass				
				-20	4.0	0.501	0.0001	/	Pass			
				-10	4.0	4.549	0.0012	/	Pass			
			0	4.0	-0.744	-0.0002	/	Pass				
			10	4.0	0.315	0.0001	/	Pass				
			30	4.0	6.537	0.0018	/	Pass				
			40	4.0	3.662	0.0010	/	Pass				
			50	4.0	3.247	0.0009	/	Pass				
			3605	50	0	20	3.55	11.015	0.0031	/	Pass	
							4.0	10.371	0.0029	/	Pass	
4.4	13.976	0.0039					/	Pass				
-30	4.0	14.920				0.0041	/	Pass				
	-20	4.0				13.819	0.0038	/	Pass			
	-10	4.0				10.042	0.0028	/	Pass			
0	4.0	8.054				0.0022	/	Pass				
10	4.0	7.911				0.0022	/	Pass				
30	4.0	13.103				0.0036	/	Pass				
40	4.0	13.475				0.0037	/	Pass				
50	4.0	11.516				0.0032	/	Pass				
256QAM	3650	50				0	20	3.55	9.341	0.0026	/	Pass
								4.0	7.339	0.0020	/	Pass
			4.4	9.470	0.0026			/	Pass			
			-30	4.0	4.992		0.0014	/	Pass			
				-20	4.0		6.580	0.0018	/	Pass		
				-10	4.0		5.307	0.0015	/	Pass		
			0	4.0	5.250		0.0014	/	Pass			
			10	4.0	9.627		0.0026	/	Pass			
			30	4.0	9.255		0.0025	/	Pass			
			40	4.0	9.184		0.0025	/	Pass			
			50	4.0	8.926		0.0024	/	Pass			
			3695	50	0		20	3.55	0.887	0.0002	/	Pass
								4.0	2.961	0.0008	/	Pass
4.4	3.076	0.0008				/		Pass				
-30	4.0	5.636				0.0015	/	Pass				
	-20	4.0				3.991	0.0011	/	Pass			
	-10	4.0				1.473	0.0004	/	Pass			
0	4.0	2.646				0.0007	/	Pass				
10	4.0	2.704				0.0007	/	Pass				
30	4.0	2.418				0.0007	/	Pass				
40	4.0	2.317				0.0006	/	Pass				
50	4.0	3.304				0.0009	/	Pass				

2.3 B43c_15MHz



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2.3.1 Test Result

Band: 43c / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3607.5	75	0	20	3.55	14.462	0.0040	/	Pass	
					4.0	12.317	0.0034	/	Pass	
					4.4	12.846	0.0036	/	Pass	
				-30	4.0	19.398	0.0054	/	Pass	
					-20	4.0	13.747	0.0038	/	Pass
						-10	4.0	16.980	0.0047	/
				0	4.0	11.644	0.0032	/	Pass	
					10	4.0	13.976	0.0039	/	Pass
					30	4.0	15.836	0.0044	/	Pass
					40	4.0	15.864	0.0044	/	Pass
	50	4.0	12.774		0.0035	/	Pass			
	3650	75	0		20	3.55	14.906	0.0041	/	Pass
						4.0	15.793	0.0043	/	Pass
				4.4		11.072	0.0030	/	Pass	
				-30	4.0	10.085	0.0028	/	Pass	
					-20	4.0	14.963	0.0041	/	Pass
						-10	4.0	13.189	0.0036	/
				0	4.0	12.331	0.0034	/	Pass	
					10	4.0	13.089	0.0036	/	Pass
					30	4.0	11.988	0.0033	/	Pass
					40	4.0	11.158	0.0031	/	Pass
	50	4.0	7.796		0.0021	/	Pass			
	3692.5	75	0		20	3.55	0.873	0.0002	/	Pass
						4.0	6.294	0.0017	/	Pass
				4.4		4.249	0.0012	/	Pass	
				-30	4.0	1.903	0.0005	/	Pass	
					-20	4.0	5.651	0.0015	/	Pass
						-10	4.0	4.721	0.0013	/
				0	4.0	3.161	0.0009	/	Pass	
					10	4.0	4.649	0.0013	/	Pass
30					4.0	6.194	0.0017	/	Pass	
40					4.0	6.051	0.0016	/	Pass	
50	4.0	0.987	0.0003		/	Pass				
16QAM	3607.5	75	0		20	3.55	12.732	0.0035	/	Pass
						4.0	16.165	0.0045	/	Pass
				4.4		12.259	0.0034	/	Pass	
				-30	4.0	13.876	0.0038	/	Pass	
					-20	4.0	11.973	0.0033	/	Pass
						-10	4.0	11.215	0.0031	/
				0	4.0	11.530	0.0032	/	Pass	
					10	4.0	10.257	0.0028	/	Pass
					30	4.0	15.664	0.0043	/	Pass
					40	4.0	14.949	0.0041	/	Pass



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64QAM	3650	75	0	50	4.0	11.344	0.0031	/	Pass
				20	3.55	8.111	0.0022	/	Pass
					4.0	14.148	0.0039	/	Pass
					4.4	12.059	0.0033	/	Pass
				-30	4.0	13.704	0.0038	/	Pass
				-20	4.0	13.433	0.0037	/	Pass
				-10	4.0	13.003	0.0036	/	Pass
				0	4.0	11.787	0.0032	/	Pass
				10	4.0	13.132	0.0036	/	Pass
				30	4.0	15.078	0.0041	/	Pass
	40	4.0	15.450	0.0042	/	Pass			
	50	4.0	11.115	0.0030	/	Pass			
	3692.5	75	0	20	3.55	2.360	0.0006	/	Pass
					4.0	7.052	0.0019	/	Pass
					4.4	-0.100	0.0000	/	Pass
				-30	4.0	6.466	0.0018	/	Pass
				-20	4.0	1.974	0.0005	/	Pass
				-10	4.0	7.782	0.0021	/	Pass
				0	4.0	5.822	0.0016	/	Pass
				10	4.0	7.653	0.0021	/	Pass
30				4.0	2.346	0.0006	/	Pass	
40				4.0	6.566	0.0018	/	Pass	
50	4.0	8.326	0.0023	/	Pass				
3607.5	75	0	20	3.55	16.751	0.0046	/	Pass	
				4.0	16.680	0.0046	/	Pass	
				4.4	18.024	0.0050	/	Pass	
			-30	4.0	18.268	0.0051	/	Pass	
			-20	4.0	14.949	0.0041	/	Pass	
			-10	4.0	12.975	0.0036	/	Pass	
			0	4.0	14.391	0.0040	/	Pass	
			10	4.0	19.927	0.0055	/	Pass	
			30	4.0	19.355	0.0054	/	Pass	
			40	4.0	18.740	0.0052	/	Pass	
50	4.0	14.133	0.0039	/	Pass				
3650	75	0	20	3.55	13.332	0.0037	/	Pass	
				4.0	14.749	0.0040	/	Pass	
				4.4	10.200	0.0028	/	Pass	
			-30	4.0	14.477	0.0040	/	Pass	
			-20	4.0	13.919	0.0038	/	Pass	
			-10	4.0	9.770	0.0027	/	Pass	
			0	4.0	9.327	0.0026	/	Pass	
			10	4.0	14.377	0.0039	/	Pass	
			30	4.0	8.011	0.0022	/	Pass	
			40	4.0	10.185	0.0028	/	Pass	
50	4.0	16.608	0.0046	/	Pass				
3692.5	75	0	20	3.55	2.203	0.0006	/	Pass	
				4.0	2.561	0.0007	/	Pass	
				4.4	3.762	0.0010	/	Pass	



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				-30	4.0	6.995	0.0019	/	Pass	
				-20	4.0	3.619	0.0010	/	Pass	
				-10	4.0	7.596	0.0021	/	Pass	
				0	4.0	1.903	0.0005	/	Pass	
				10	4.0	6.051	0.0016	/	Pass	
				30	4.0	3.319	0.0009	/	Pass	
				40	4.0	8.197	0.0022	/	Pass	
				50	4.0	8.283	0.0022	/	Pass	
256QAM	3607.5	75	0	20	3.55	9.913	0.0027	/	Pass	
					4.0	18.096	0.0050	/	Pass	
					4.4	10.929	0.0030	/	Pass	
				-30	4.0	17.138	0.0048	/	Pass	
					-20	4.0	12.975	0.0036	/	Pass
						4.0	15.235	0.0042	/	Pass
				0	4.0	12.860	0.0036	/	Pass	
					4.0	17.495	0.0048	/	Pass	
				30	4.0	14.563	0.0040	/	Pass	
					4.0	12.488	0.0035	/	Pass	
				50	4.0	14.148	0.0039	/	Pass	
				3650	75	0	20	3.55	8.569	0.0023
	4.0	13.175	0.0036					/	Pass	
	4.4	13.533	0.0037					/	Pass	
	-30	4.0	13.819				0.0038	/	Pass	
		-20	4.0				10.686	0.0029	/	Pass
			4.0				10.057	0.0028	/	Pass
	0	4.0	12.918				0.0035	/	Pass	
		4.0	8.512				0.0023	/	Pass	
	30	4.0	14.176				0.0039	/	Pass	
		4.0	13.375				0.0037	/	Pass	
	50	4.0	11.716				0.0032	/	Pass	
	3692.5	75	0				20	3.55	5.736	0.0016
				4.0	2.117	0.0006		/	Pass	
4.4				6.094	0.0017	/		Pass		
-30				4.0	0.958	0.0003	/	Pass		
				-20	4.0	1.516	0.0004	/	Pass	
					4.0	2.089	0.0006	/	Pass	
0				4.0	1.931	0.0005	/	Pass		
				4.0	1.588	0.0004	/	Pass		
30				4.0	0.429	0.0001	/	Pass		
				4.0	5.293	0.0014	/	Pass		
50				4.0	6.309	0.0017	/	Pass		

2.4 B43c_20MHz

2.4.1 Test Result



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Band: 43c / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3610	100	0	20	3.55	13.876	0.0038	/	Pass	
					4.0	19.469	0.0054	/	Pass	
					4.4	14.963	0.0041	/	Pass	
				-30	4.0	19.083	0.0053	/	Pass	
					-20	4.0	13.947	0.0039	/	Pass
						4.0	13.590	0.0038	/	Pass
				0	4.0	17.266	0.0048	/	Pass	
					4.0	18.439	0.0051	/	Pass	
				30	4.0	13.447	0.0037	/	Pass	
				40	4.0	12.002	0.0033	/	Pass	
	50	4.0	12.946	0.0036	/	Pass				
	3650	100	0	20	3.55	9.971	0.0027	/	Pass	
					4.0	13.218	0.0036	/	Pass	
					4.4	9.441	0.0026	/	Pass	
				-30	4.0	11.945	0.0033	/	Pass	
					-20	4.0	9.642	0.0026	/	Pass
						4.0	10.972	0.0030	/	Pass
				0	4.0	9.656	0.0026	/	Pass	
					4.0	13.876	0.0038	/	Pass	
				30	4.0	14.620	0.0040	/	Pass	
				40	4.0	7.696	0.0021	/	Pass	
	50	4.0	13.361	0.0037	/	Pass				
	3690	100	0	20	3.55	5.279	0.0014	/	Pass	
					4.0	3.719	0.0010	/	Pass	
					4.4	7.997	0.0022	/	Pass	
				-30	4.0	10.200	0.0028	/	Pass	
					-20	4.0	9.212	0.0025	/	Pass
						4.0	7.968	0.0022	/	Pass
				0	4.0	4.177	0.0011	/	Pass	
					4.0	10.242	0.0028	/	Pass	
30				4.0	4.849	0.0013	/	Pass		
40				4.0	4.292	0.0012	/	Pass		
50	4.0	4.878	0.0013	/	Pass					
16QAM	3610	100	0	20	3.55	11.988	0.0033	/	Pass	
					4.0	17.610	0.0049	/	Pass	
					4.4	16.751	0.0046	/	Pass	
				-30	4.0	18.439	0.0051	/	Pass	
					-20	4.0	15.578	0.0043	/	Pass
						4.0	18.682	0.0052	/	Pass
				0	4.0	17.653	0.0049	/	Pass	
					4.0	16.251	0.0045	/	Pass	
				30	4.0	13.647	0.0038	/	Pass	
				40	4.0	17.037	0.0047	/	Pass	
	50	4.0	12.574	0.0035	/	Pass				
	3650	100	0	20	3.55	6.309	0.0017	/	Pass	



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64QAM	3690	100	0		4.0	7.682	0.0021	/	Pass	
					4.4	8.082	0.0022	/	Pass	
				-30	4.0	13.561	0.0037	/	Pass	
				-20	4.0	12.474	0.0034	/	Pass	
				-10	4.0	6.852	0.0019	/	Pass	
				0	4.0	6.123	0.0017	/	Pass	
				10	4.0	8.097	0.0022	/	Pass	
				30	4.0	13.018	0.0036	/	Pass	
				40	4.0	8.912	0.0024	/	Pass	
	50	4.0	6.738	0.0018	/	Pass				
	3690	100	0	20		3.55	5.450	0.0015	/	Pass
						4.0	9.556	0.0026	/	Pass
						4.4	9.584	0.0026	/	Pass
					-30	4.0	2.675	0.0007	/	Pass
					-20	4.0	3.462	0.0009	/	Pass
					-10	4.0	2.861	0.0008	/	Pass
					0	4.0	7.596	0.0021	/	Pass
					10	4.0	5.093	0.0014	/	Pass
30					4.0	8.082	0.0022	/	Pass	
64QAM	3610	100	0	20		3.55	15.635	0.0043	/	Pass
						4.0	13.690	0.0038	/	Pass
						4.4	14.992	0.0042	/	Pass
					-30	4.0	15.264	0.0042	/	Pass
					-20	4.0	16.594	0.0046	/	Pass
					-10	4.0	19.698	0.0055	/	Pass
					0	4.0	18.153	0.0050	/	Pass
					10	4.0	14.262	0.0040	/	Pass
					30	4.0	19.040	0.0053	/	Pass
	3650	100	0	20		3.55	12.431	0.0034	/	Pass
						4.0	11.759	0.0032	/	Pass
						4.4	9.713	0.0027	/	Pass
					-30	4.0	12.159	0.0033	/	Pass
					-20	4.0	10.357	0.0028	/	Pass
					-10	4.0	9.427	0.0026	/	Pass
					0	4.0	7.553	0.0021	/	Pass
					10	4.0	13.990	0.0038	/	Pass
					30	4.0	7.367	0.0020	/	Pass
3690	100	0	20		3.55	7.868	0.0021	/	Pass	
					4.0	1.874	0.0005	/	Pass	
					4.4	2.704	0.0007	/	Pass	
				-30	4.0	2.117	0.0006	/	Pass	
				-20	4.0	7.138	0.0019	/	Pass	



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				-10	4.0	1.745	0.0005	/	Pass				
				0	4.0	3.176	0.0009	/	Pass				
				10	4.0	7.110	0.0019	/	Pass				
				30	4.0	7.138	0.0019	/	Pass				
				40	4.0	6.738	0.0018	/	Pass				
				50	4.0	7.410	0.0020	/	Pass				
256QAM	3610	100	0	20	3.55	11.802	0.0033	/	Pass				
					4.0	15.693	0.0043	/	Pass				
					4.4	15.392	0.0043	/	Pass				
								-30	4.0	11.673	0.0032	/	Pass
								-20	4.0	16.193	0.0045	/	Pass
								-10	4.0	12.245	0.0034	/	Pass
								0	4.0	11.330	0.0031	/	Pass
								10	4.0	14.677	0.0041	/	Pass
								30	4.0	13.289	0.0037	/	Pass
								40	4.0	10.843	0.0030	/	Pass
								50	4.0	12.560	0.0035	/	Pass
					3650	100	0	20	3.55	11.888	0.0033	/	Pass
	4.0	7.224	0.0020	/					Pass				
	4.4	10.571	0.0029	/					Pass				
								-30	4.0	5.264	0.0014	/	Pass
								-20	4.0	13.118	0.0036	/	Pass
								-10	4.0	7.725	0.0021	/	Pass
								0	4.0	5.836	0.0016	/	Pass
								10	4.0	7.410	0.0020	/	Pass
								30	4.0	7.052	0.0019	/	Pass
								40	4.0	9.298	0.0025	/	Pass
								50	4.0	12.546	0.0034	/	Pass
		3690	100	0				20	3.55	1.802	0.0005	/	Pass
	4.0				2.217	0.0006	/		Pass				
	4.4				0.801	0.0002	/		Pass				
								-30	4.0	8.125	0.0022	/	Pass
								-20	4.0	6.466	0.0018	/	Pass
								-10	4.0	6.251	0.0017	/	Pass
							0	4.0	7.524	0.0020	/	Pass	
							10	4.0	2.532	0.0007	/	Pass	
							30	4.0	6.466	0.0018	/	Pass	
							40	4.0	3.562	0.0010	/	Pass	
							50	4.0	4.377	0.0012	/	Pass	



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3. 99% & 26dB Bandwidth

3.1 Band43c_OBW

3.1.1 Test Result

Band: 43c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3602.5	25	0	4.525	/	Pass
		3650	25	0	4.559	/	Pass
		3697.5	25	0	4.562	/	Pass
	16QAM	3602.5	25	0	4.551	/	Pass
		3650	25	0	4.555	/	Pass
		3697.5	25	0	4.512	/	Pass
	64QAM	3602.5	25	0	4.533	/	Pass
		3650	25	0	4.496	/	Pass
		3697.5	25	0	4.526	/	Pass
	256QAM	3602.5	25	0	4.538	/	Pass
		3650	25	0	4.553	/	Pass
		3697.5	25	0	4.536	/	Pass
10	QPSK	3605	50	0	9.030	/	Pass
		3650	50	0	9.056	/	Pass
		3695	50	0	9.063	/	Pass
	16QAM	3605	50	0	9.067	/	Pass
		3650	50	0	9.061	/	Pass
		3695	50	0	9.033	/	Pass
	64QAM	3605	50	0	9.053	/	Pass
		3650	50	0	9.075	/	Pass
		3695	50	0	9.096	/	Pass
	256QAM	3605	50	0	9.021	/	Pass
		3650	50	0	9.072	/	Pass
		3695	50	0	9.059	/	Pass
15	QPSK	3607.5	75	0	13.525	/	Pass
		3650	75	0	13.570	/	Pass
		3692.5	75	0	13.492	/	Pass
	16QAM	3607.5	75	0	13.614	/	Pass
		3650	75	0	13.532	/	Pass
		3692.5	75	0	13.558	/	Pass
	64QAM	3607.5	75	0	13.525	/	Pass
		3650	75	0	13.600	/	Pass
		3692.5	75	0	13.509	/	Pass
	256QAM	3607.5	75	0	13.519	/	Pass
		3650	75	0	13.451	/	Pass
		3692.5	75	0	13.597	/	Pass
20	QPSK	3610	100	0	18.057	/	Pass



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	16QAM	3650	100	0	18.042	/	Pass	
		3690	100	0	18.037	/	Pass	
		3610	100	0	18.066	/	Pass	
	64QAM	3650	100	0	18.107	/	Pass	
		3690	100	0	18.049	/	Pass	
		3610	100	0	17.994	/	Pass	
	256QAM	3650	100	0	18.132	/	Pass	
		3690	100	0	17.949	/	Pass	
		3610	100	0	18.027	/	Pass	
			3650	100	0	18.063	/	Pass
			3690	100	0	18.031	/	Pass



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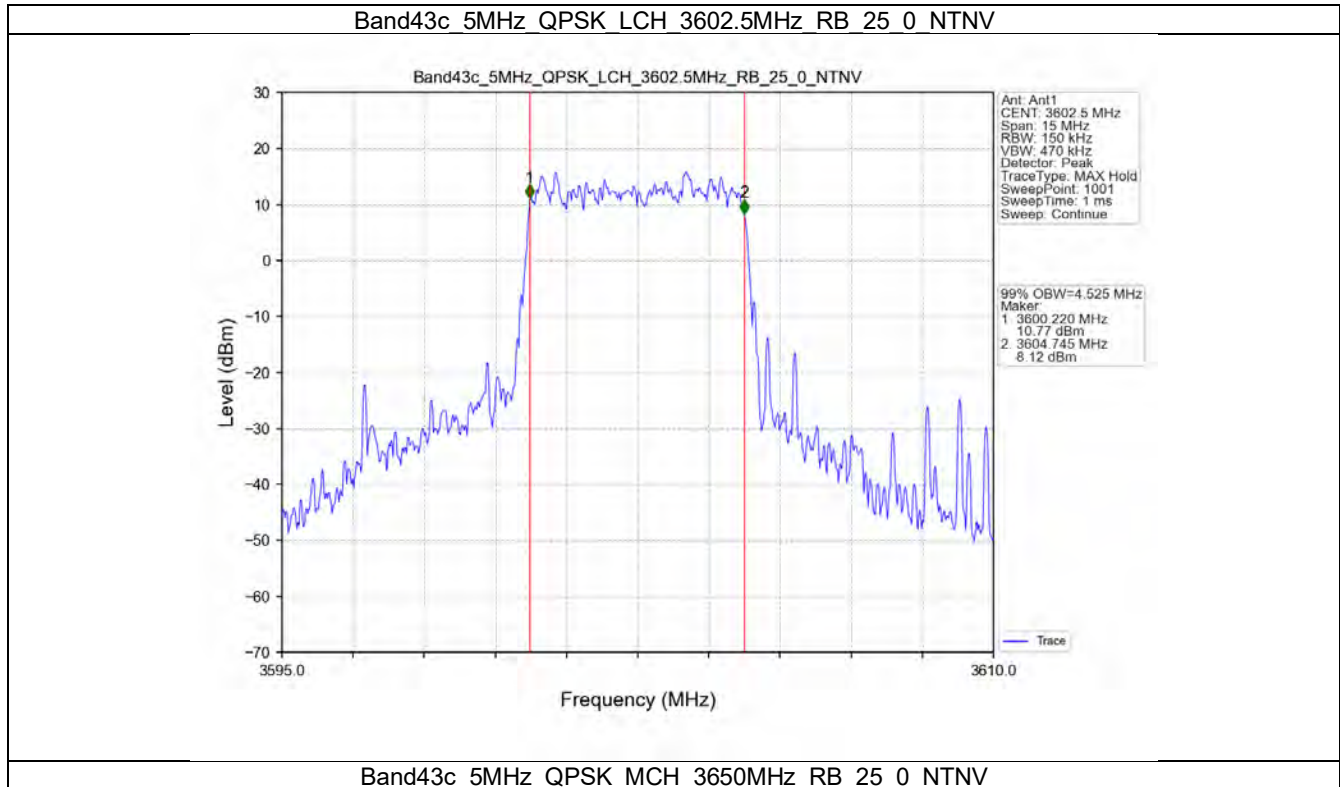
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3.1.2 Test Graph



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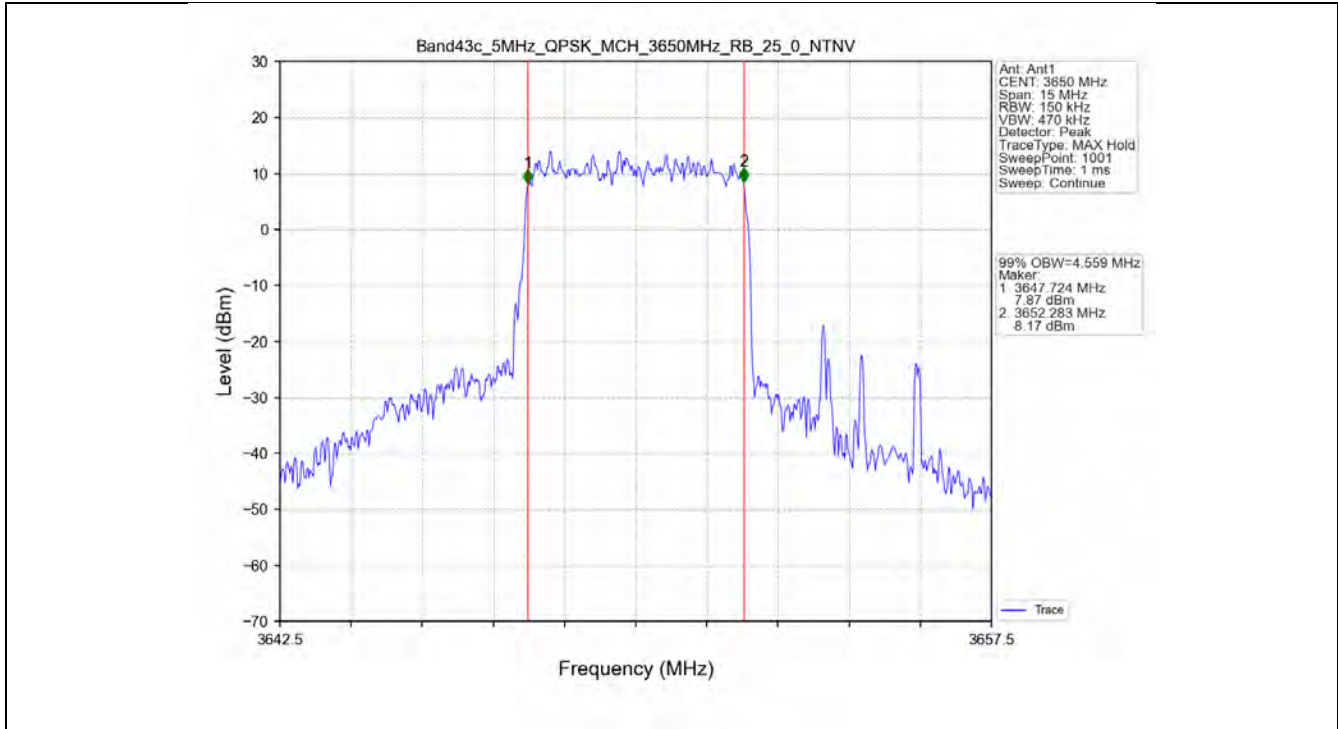


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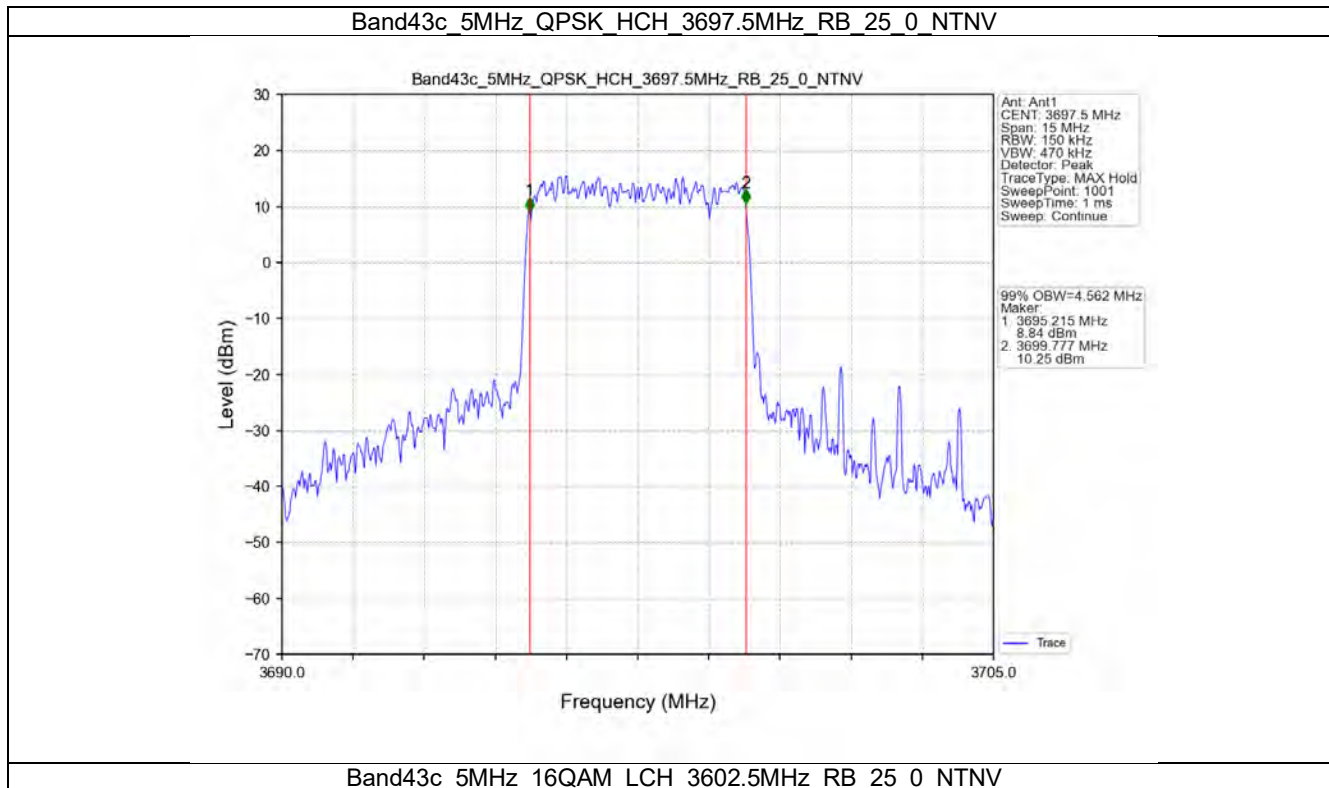
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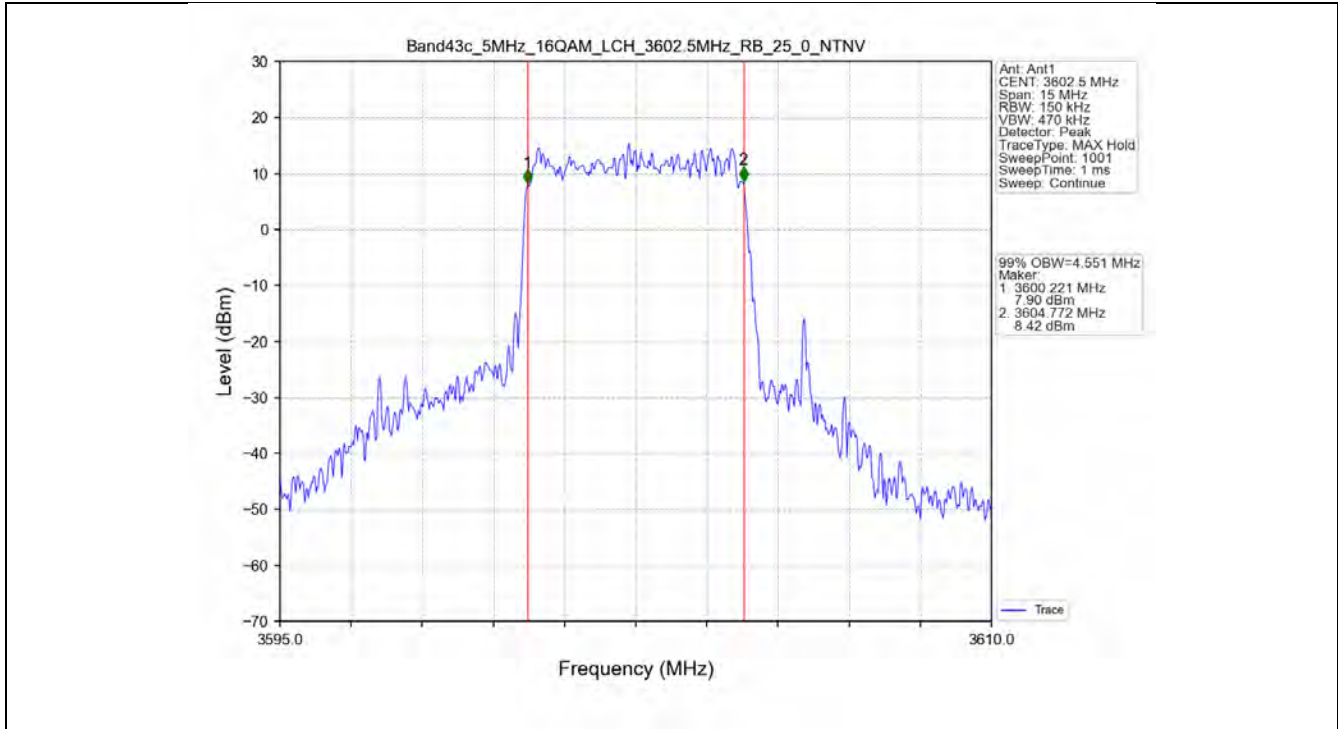


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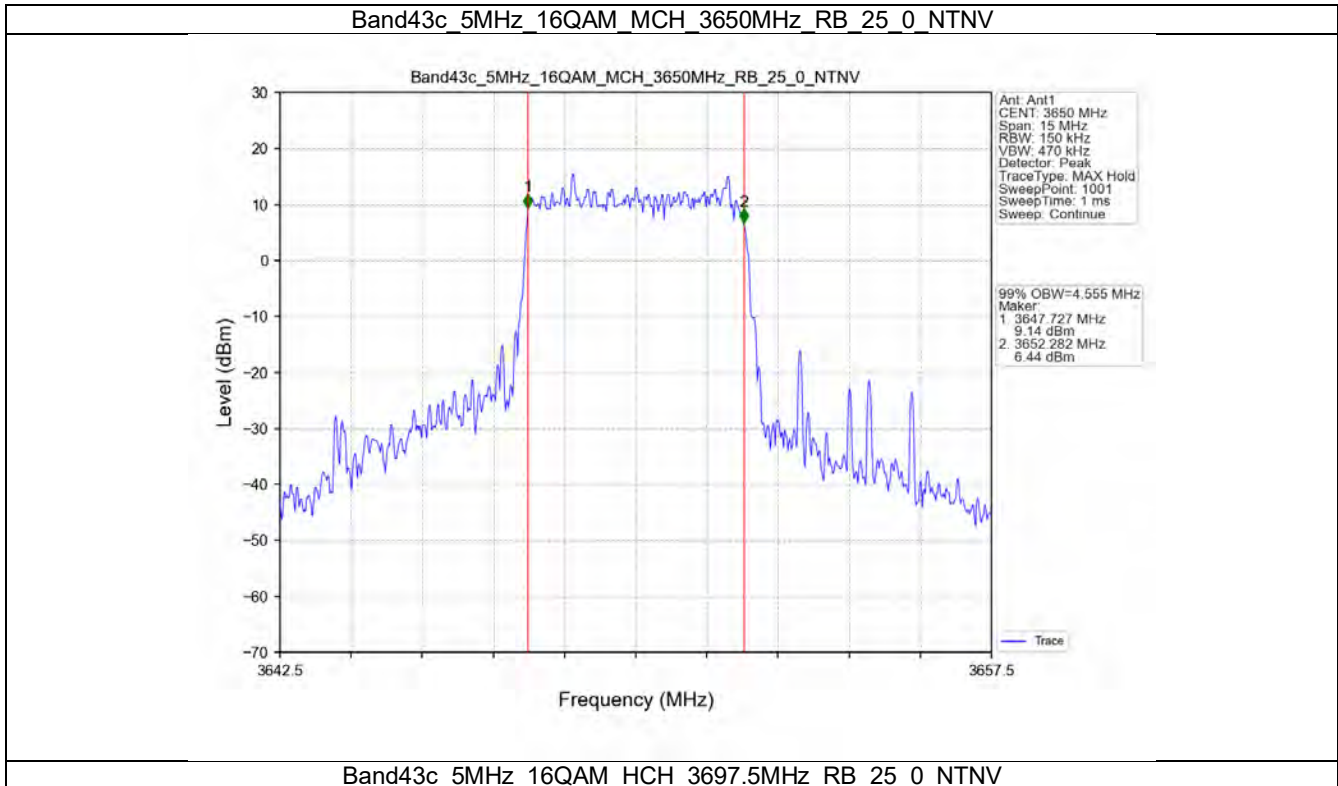


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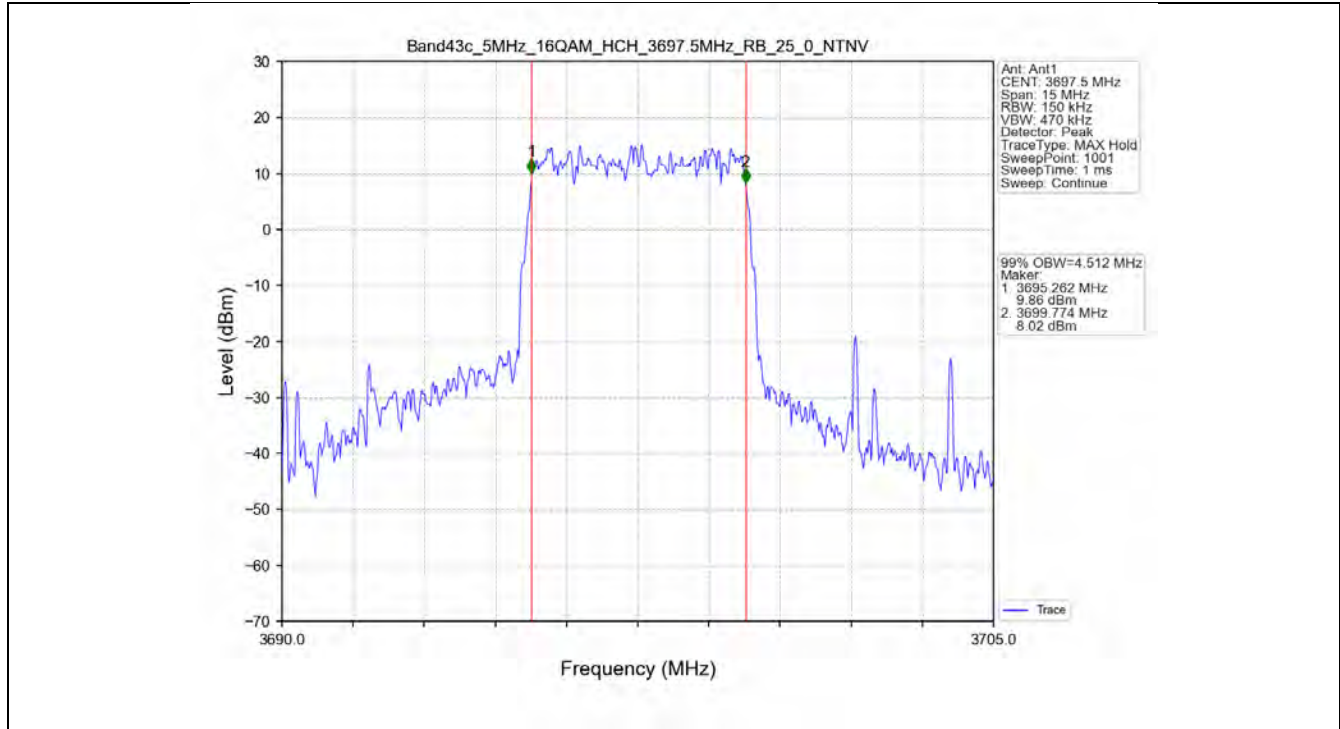


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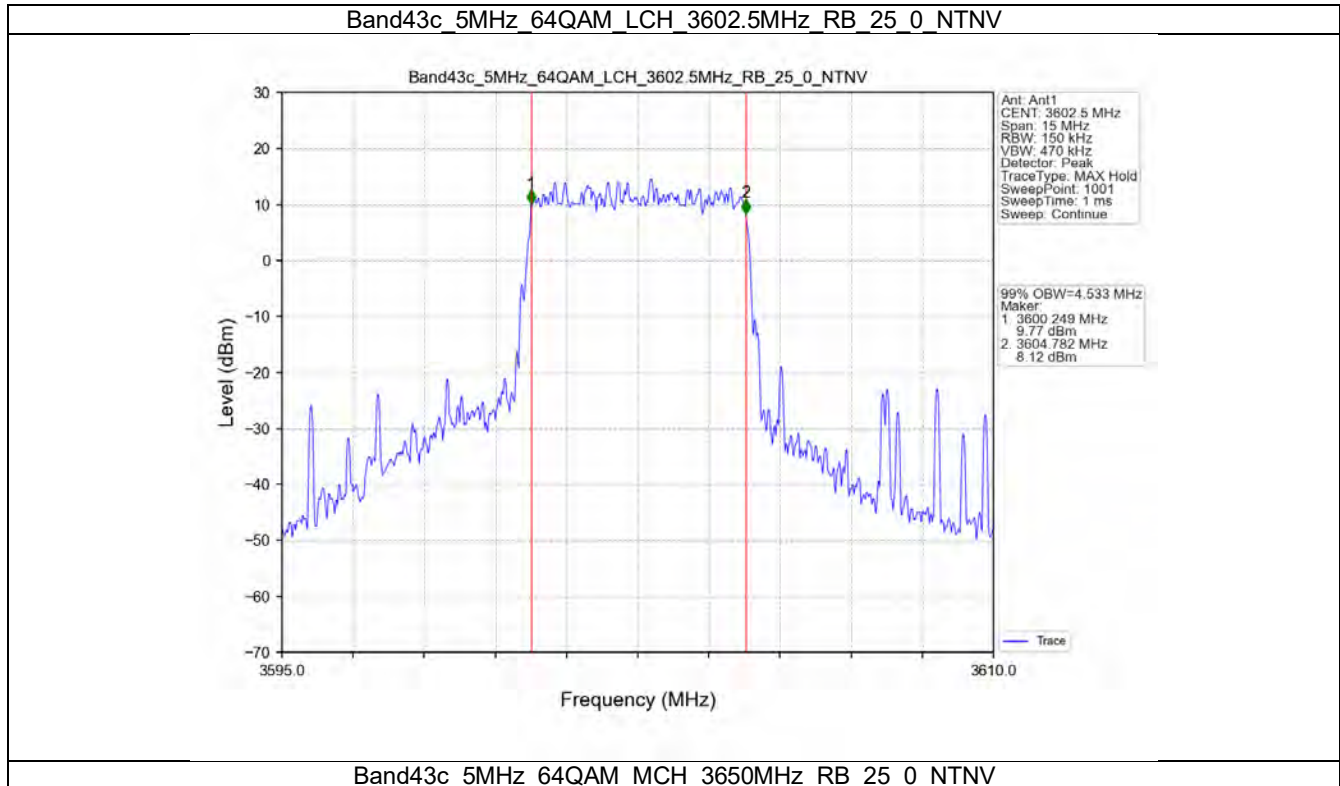


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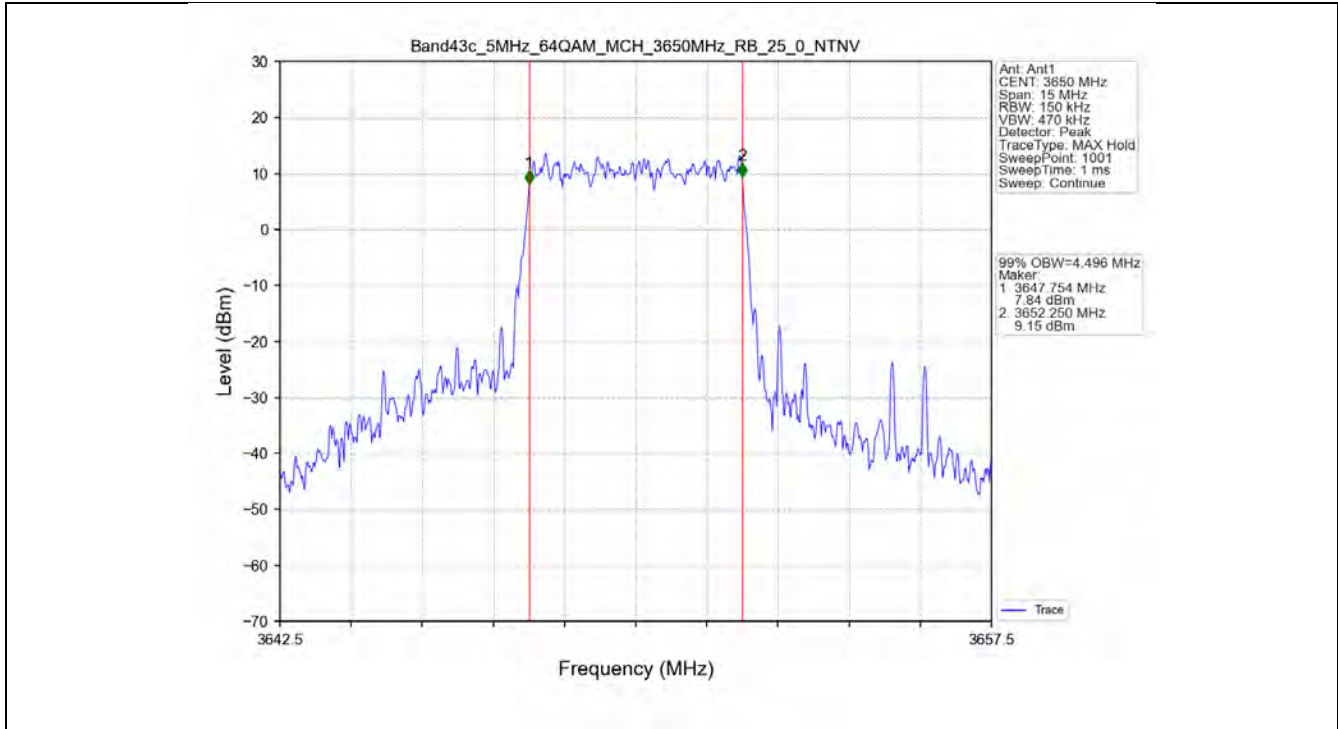


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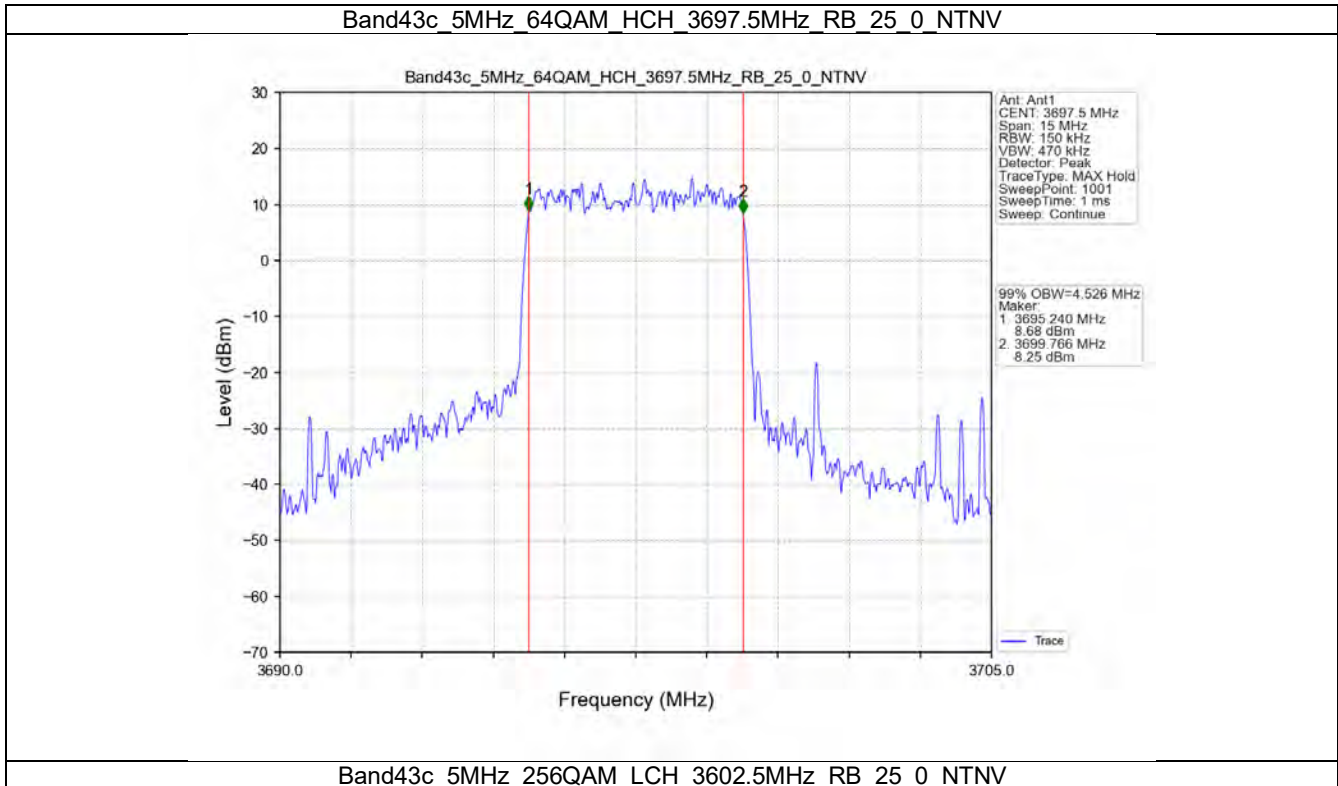


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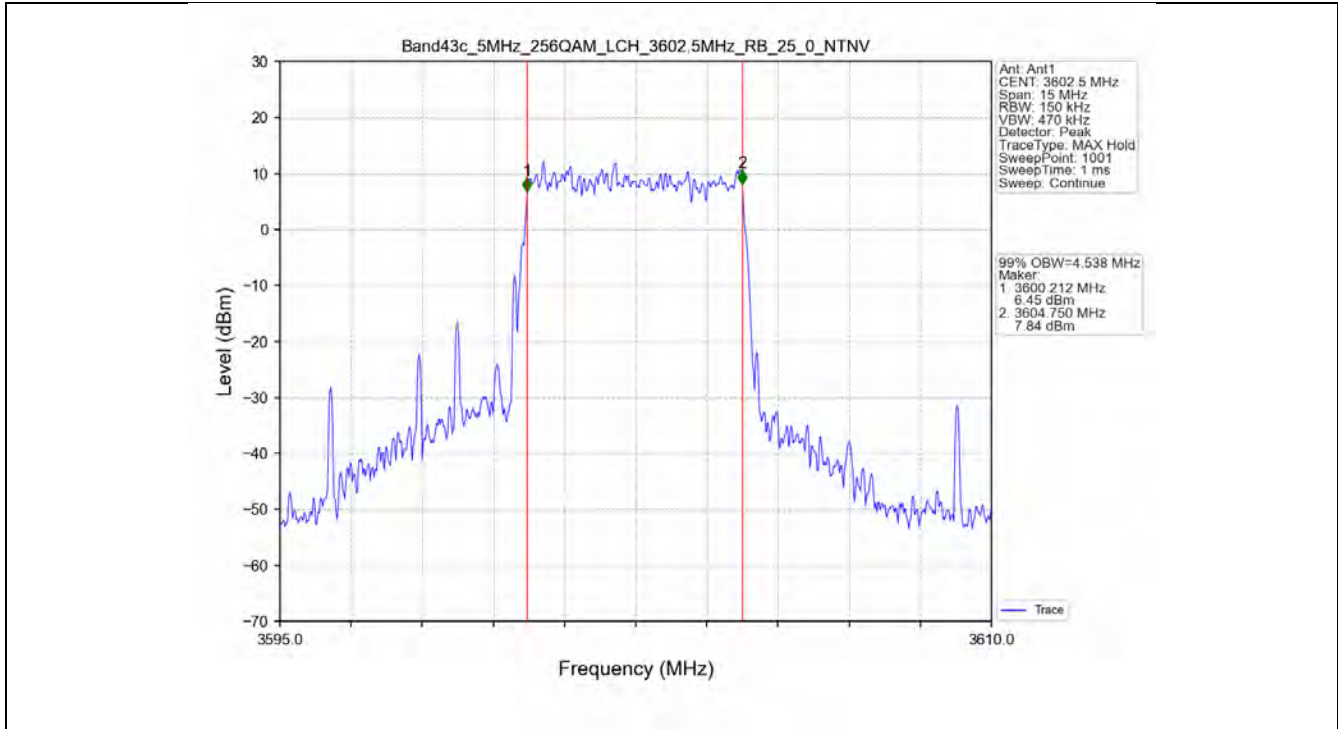


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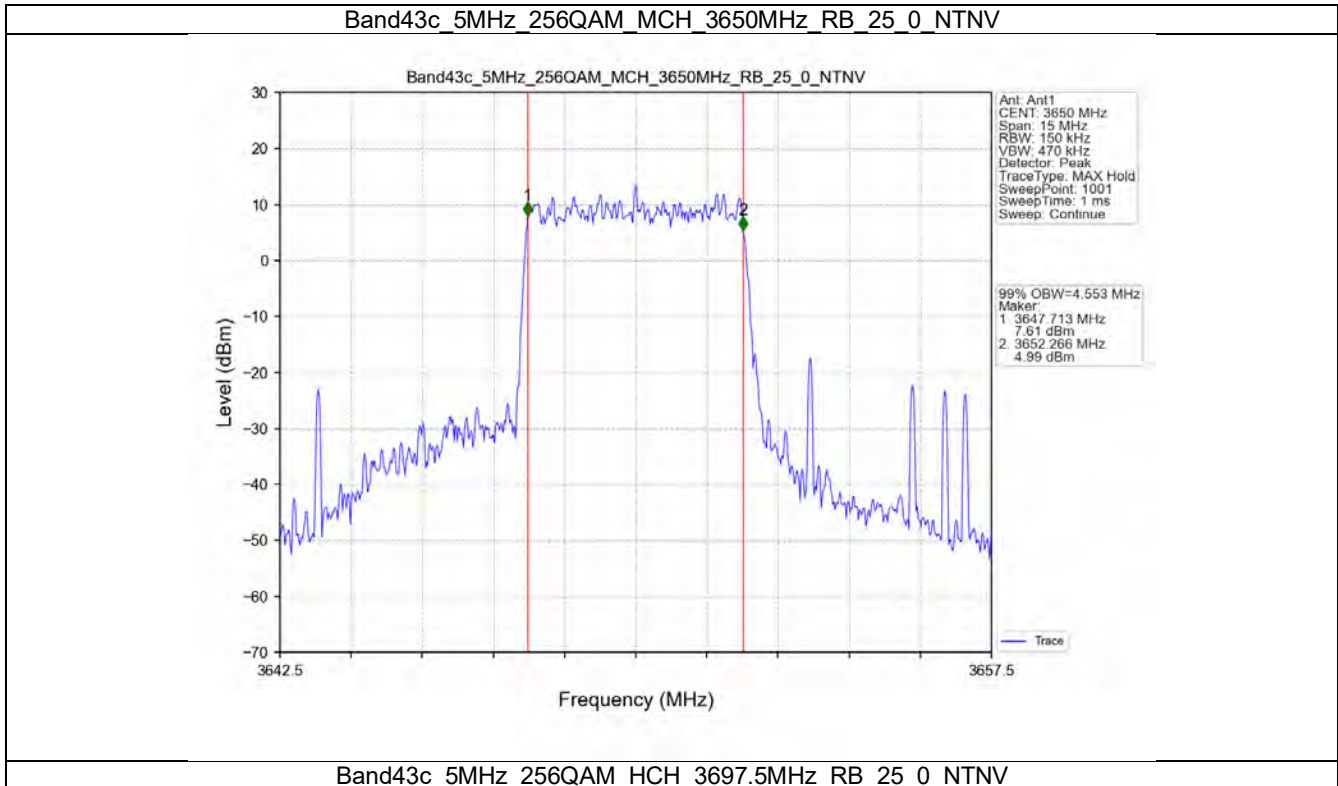


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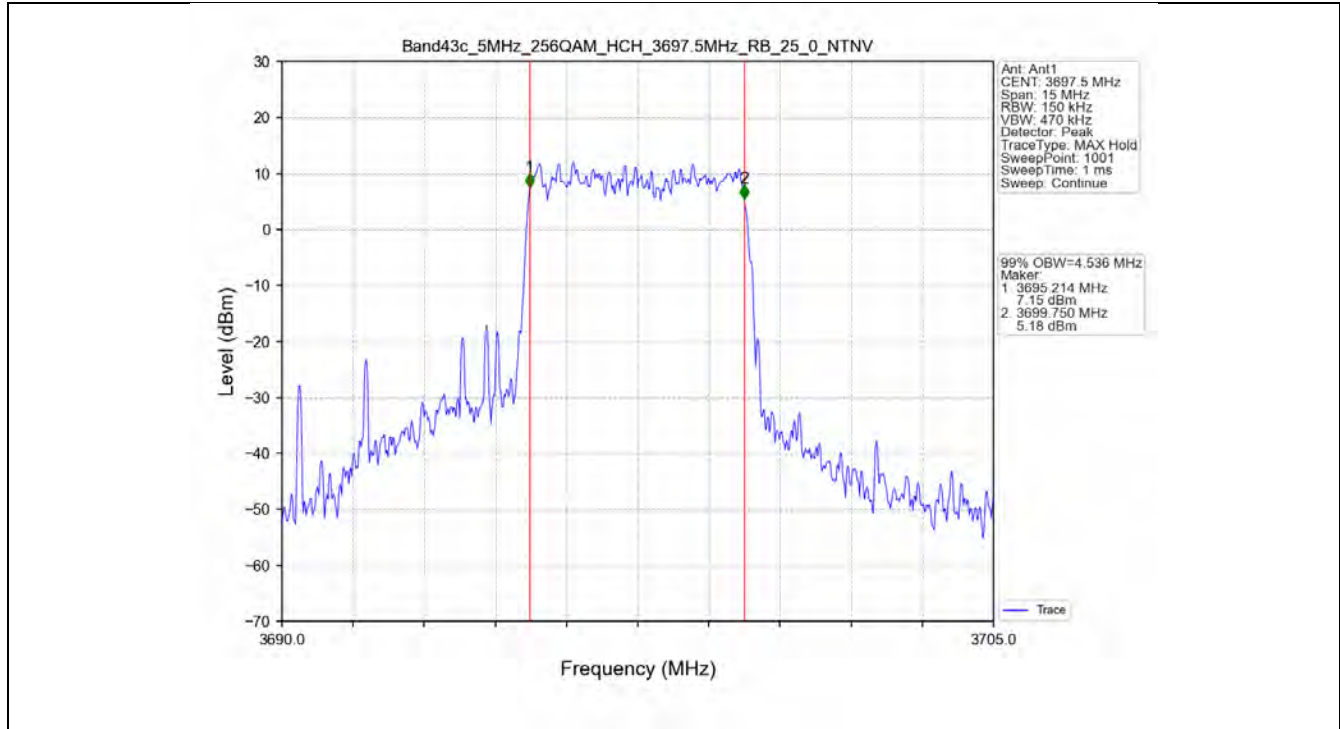


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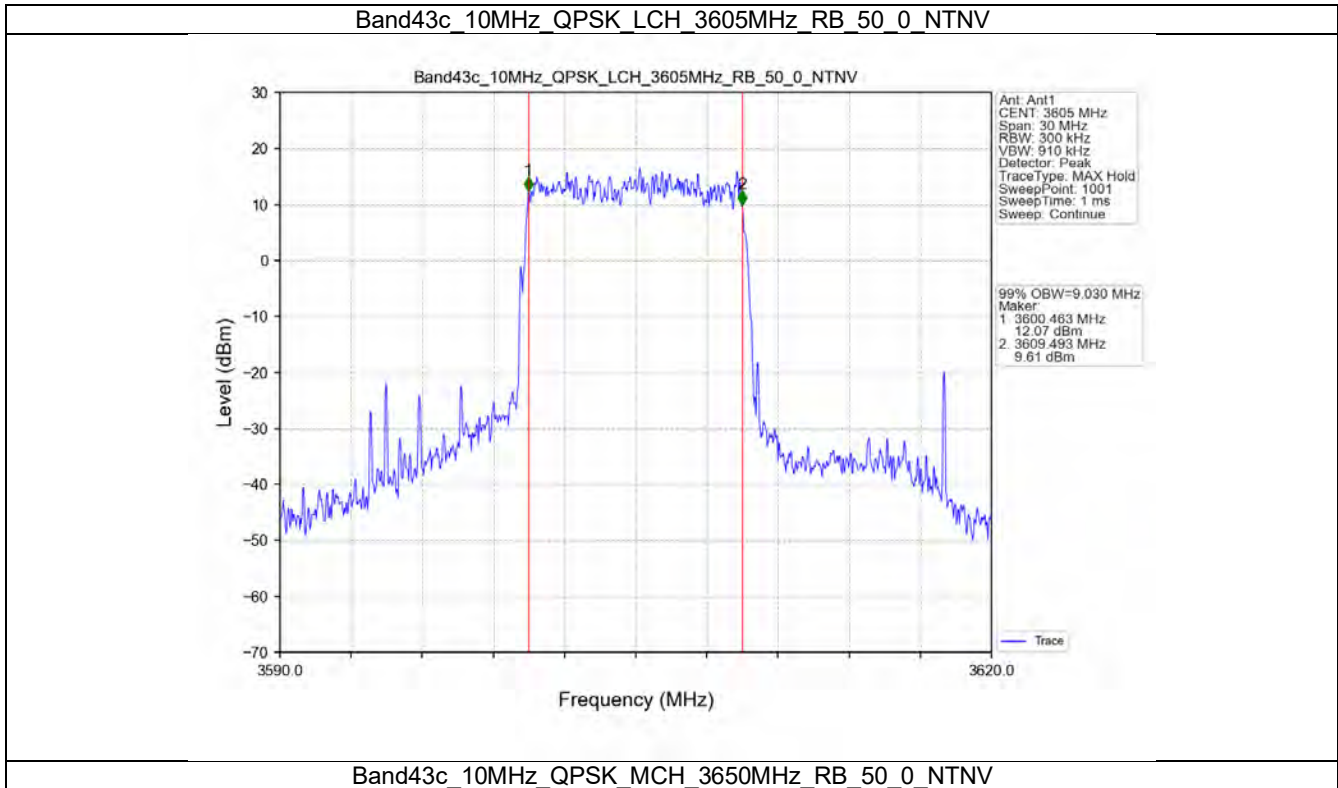


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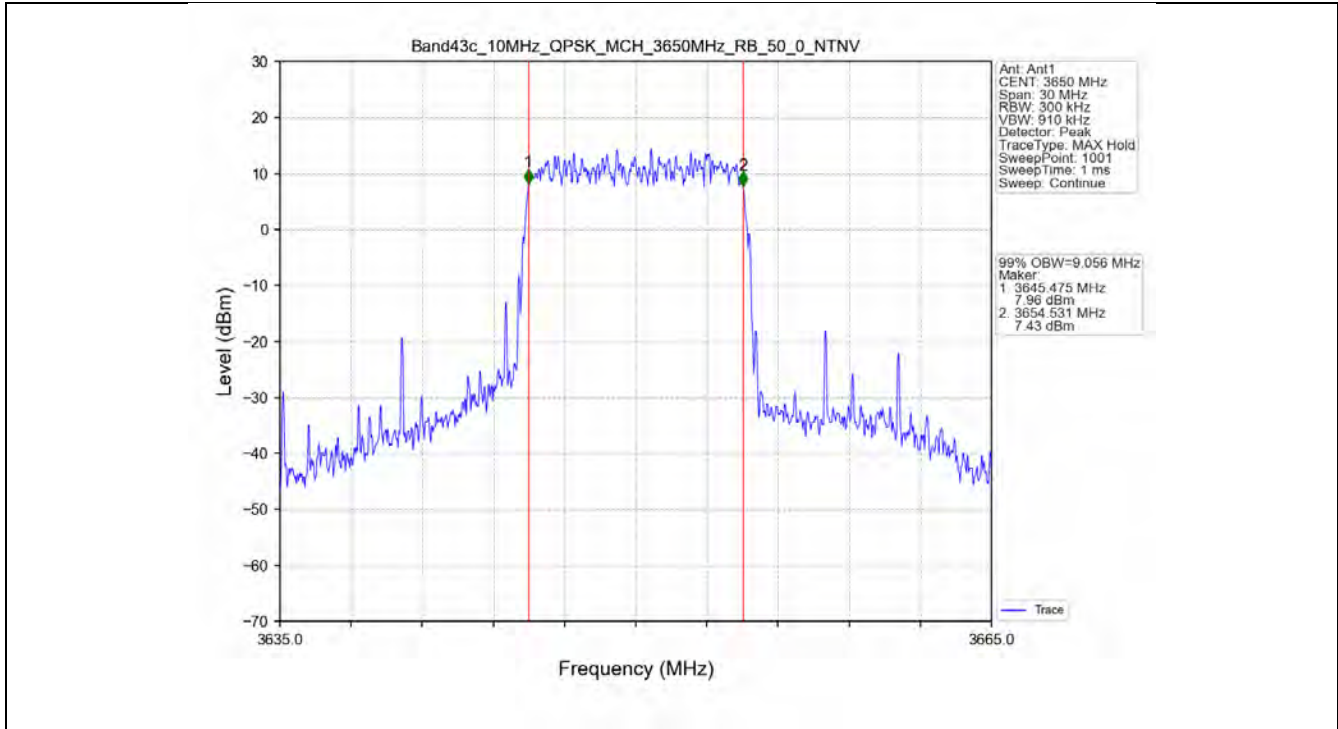


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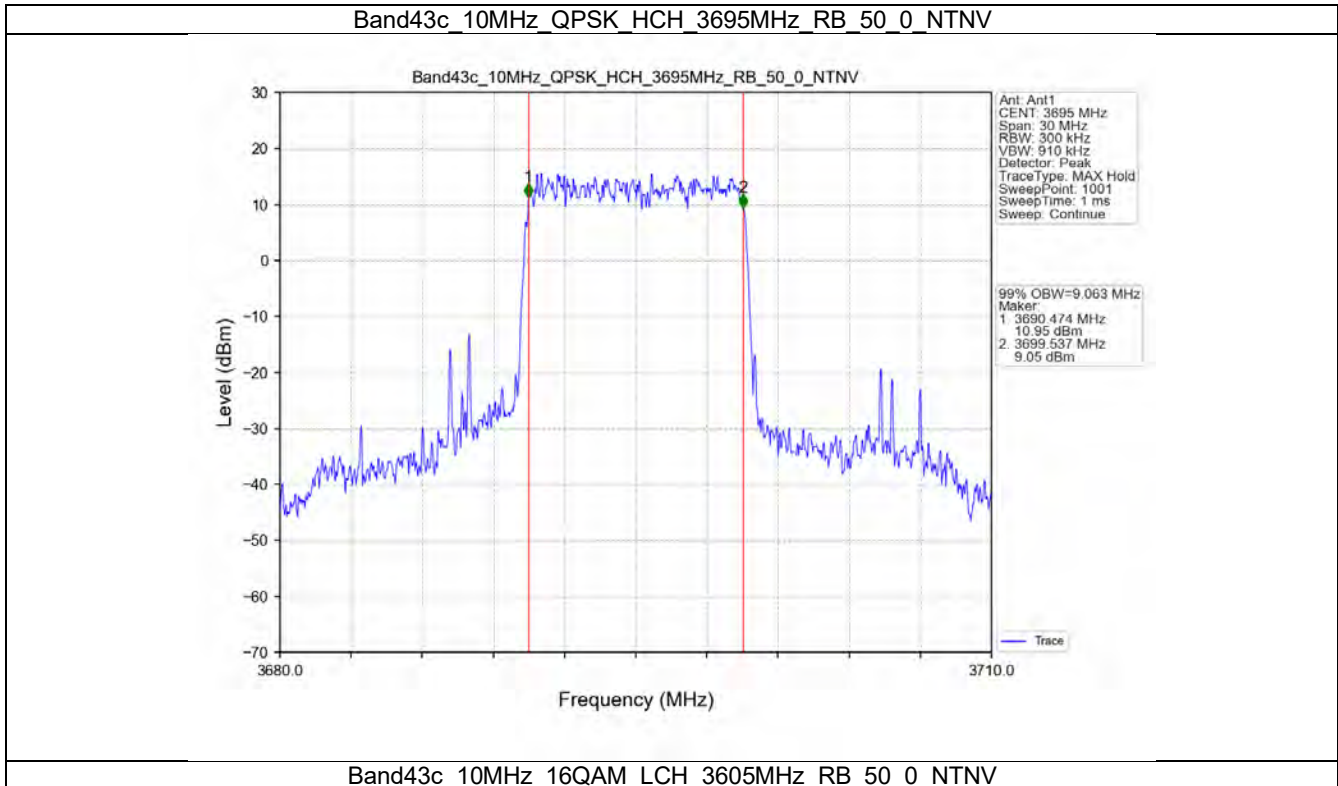


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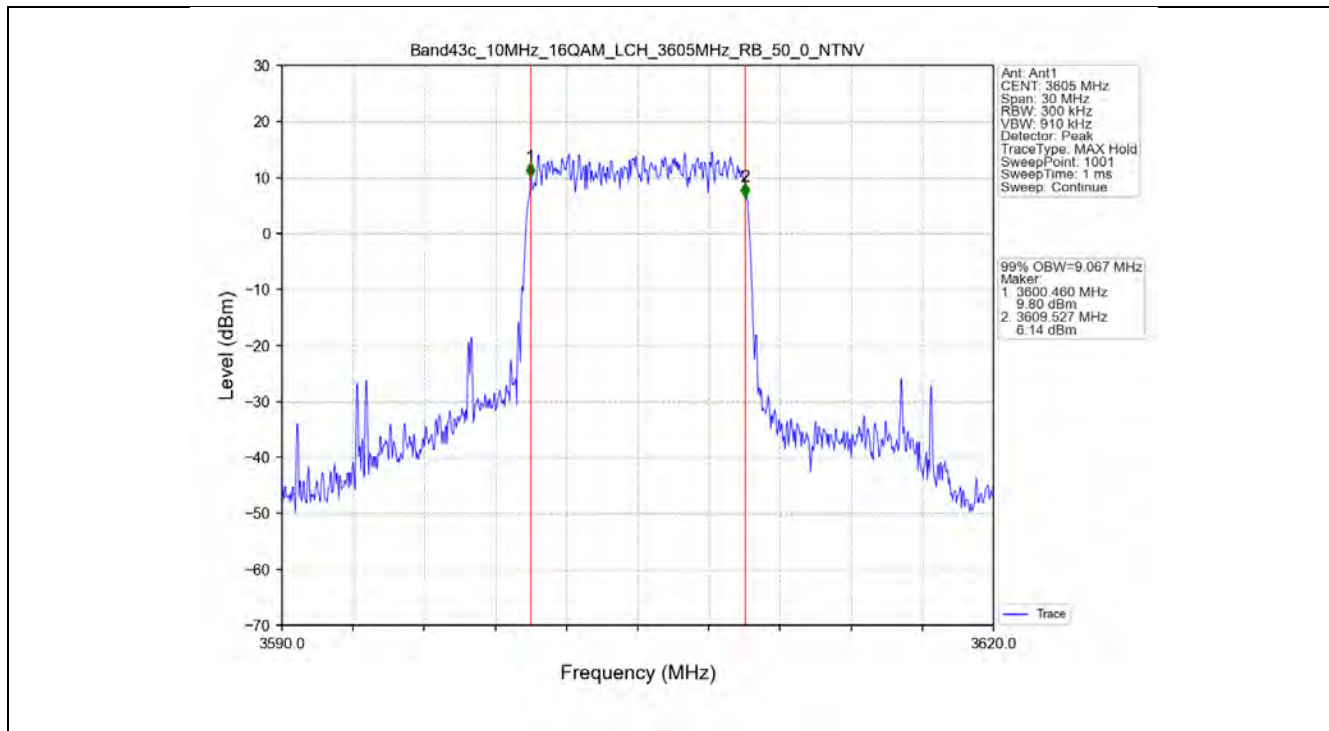
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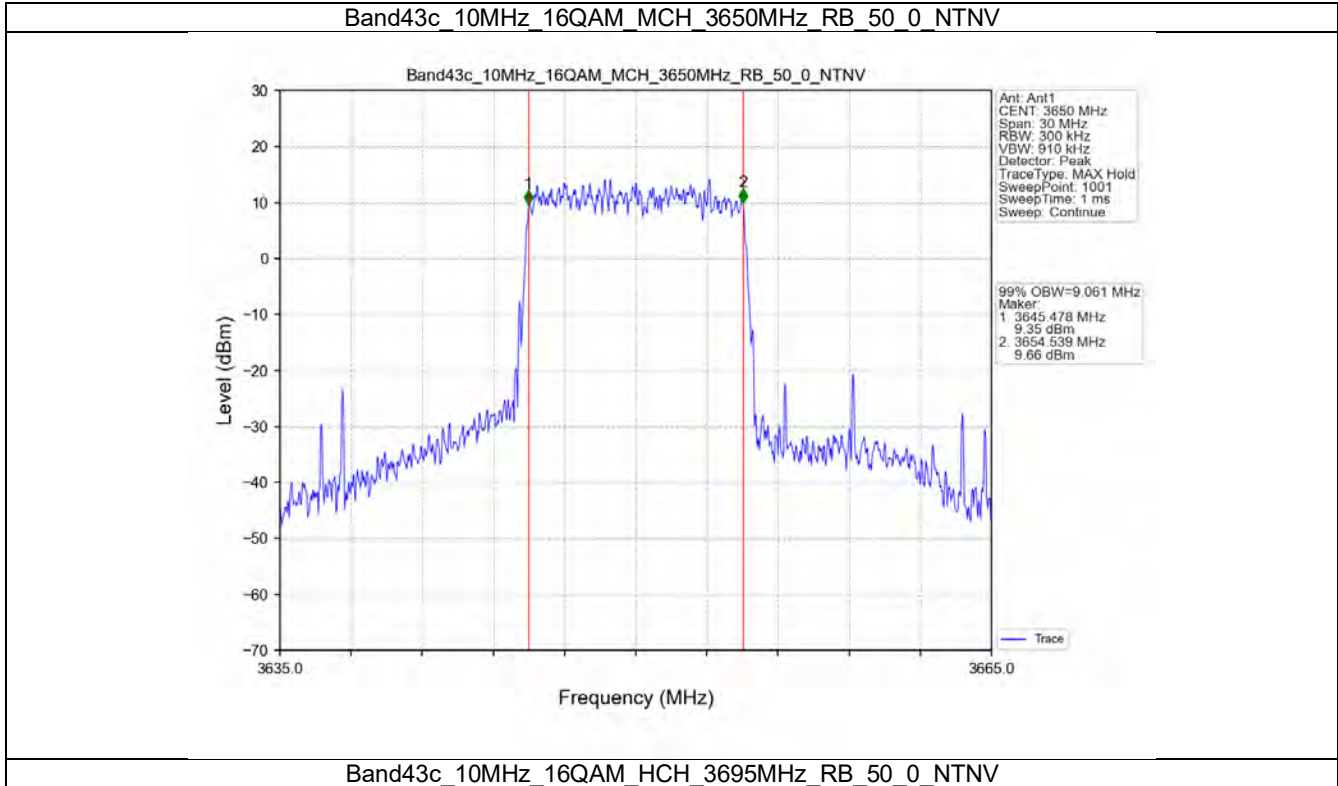


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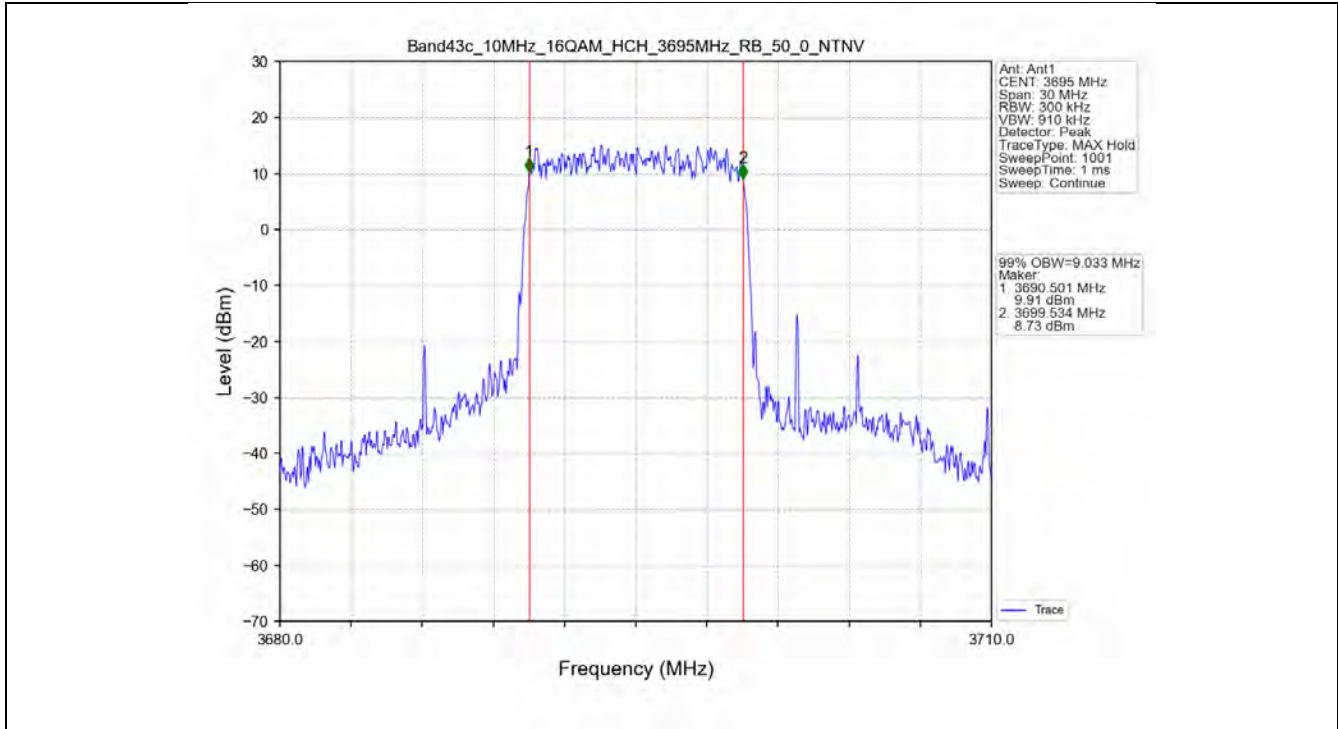


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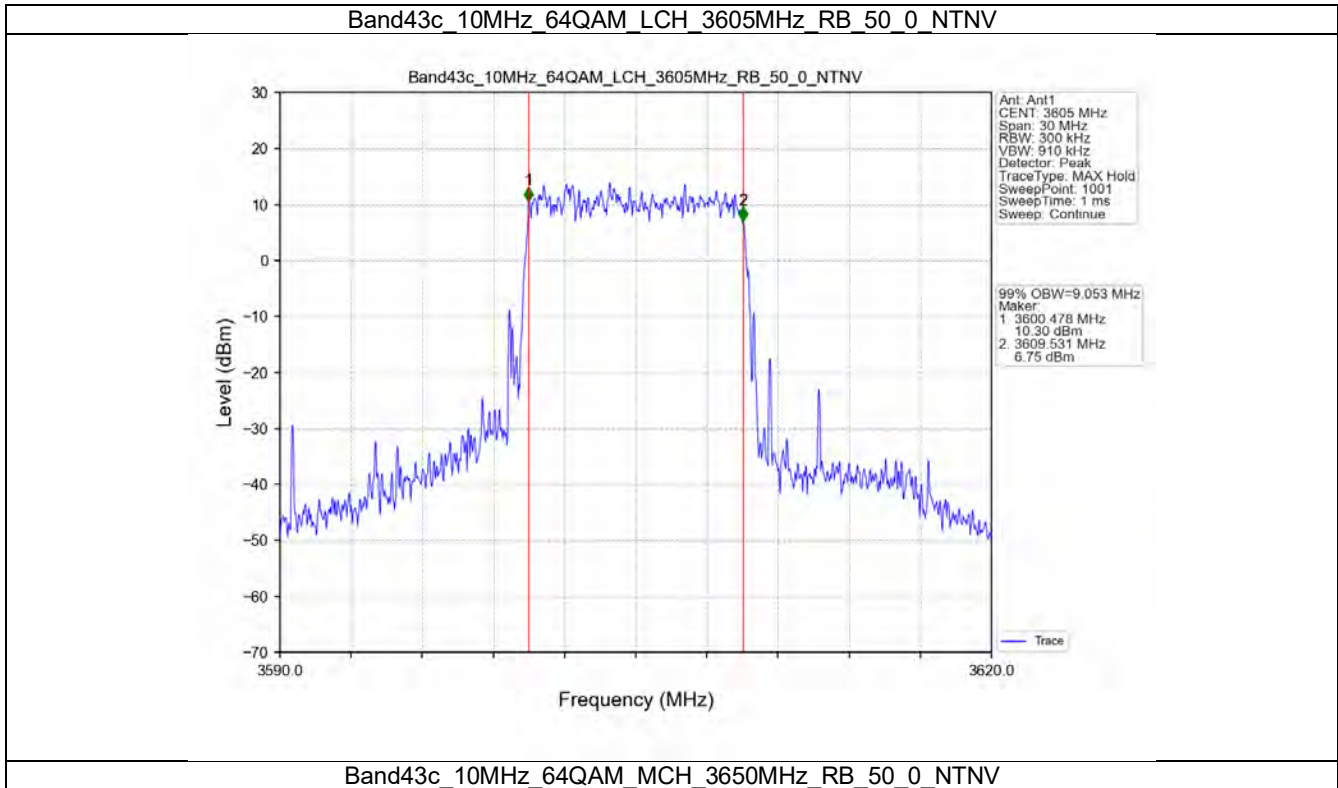


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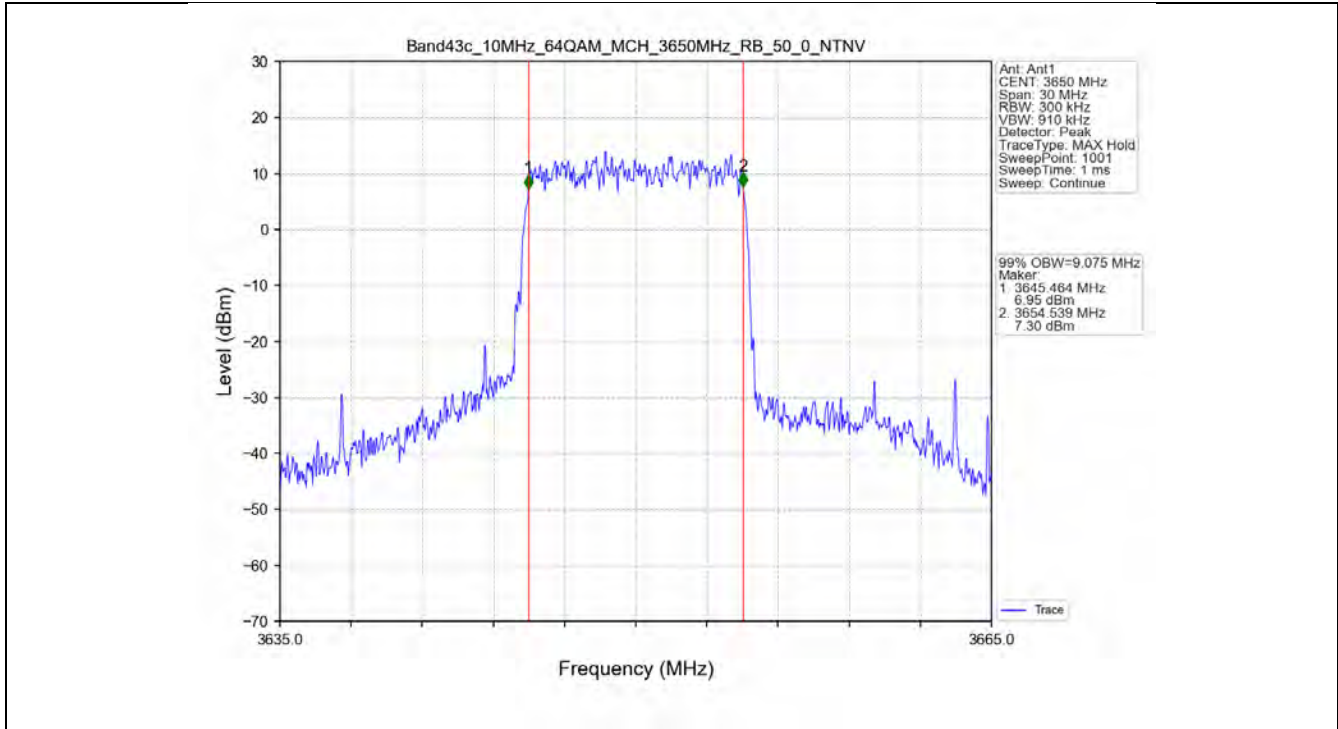


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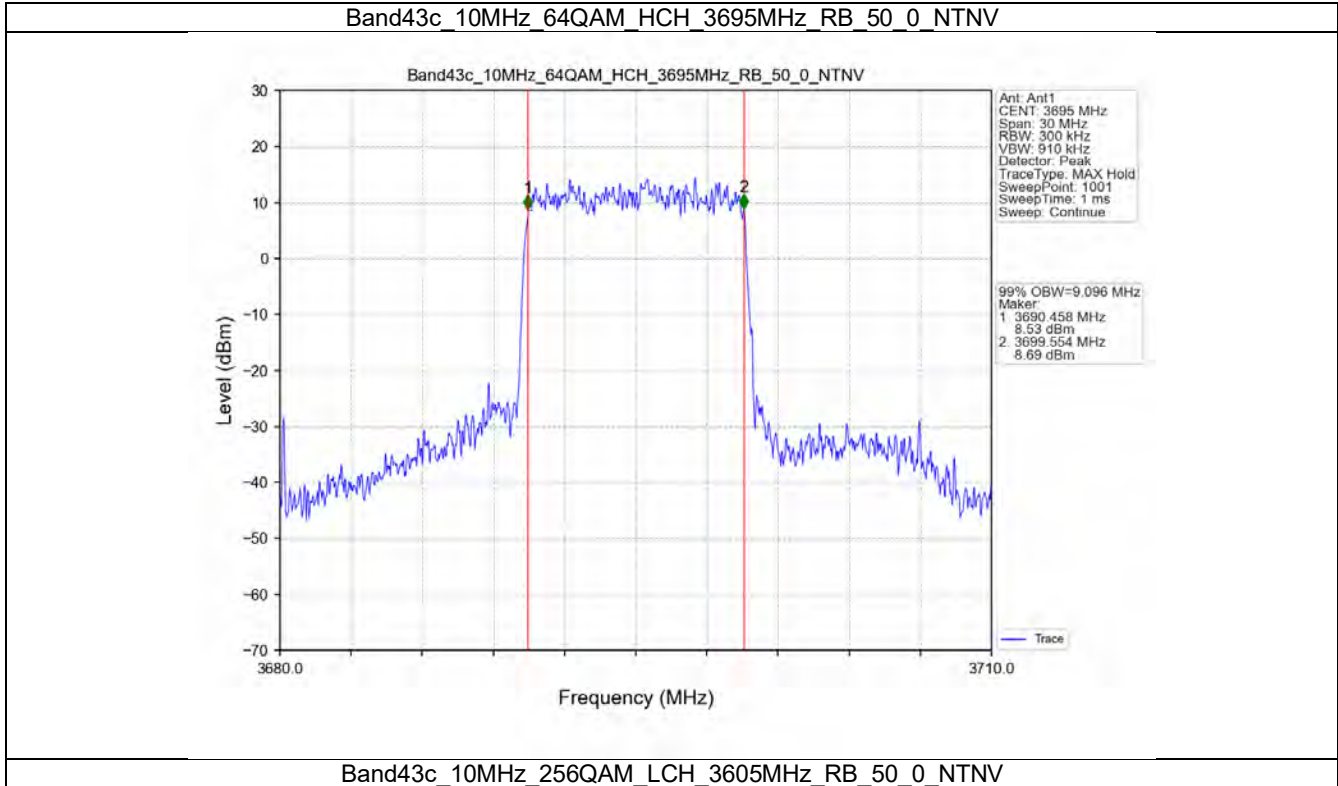


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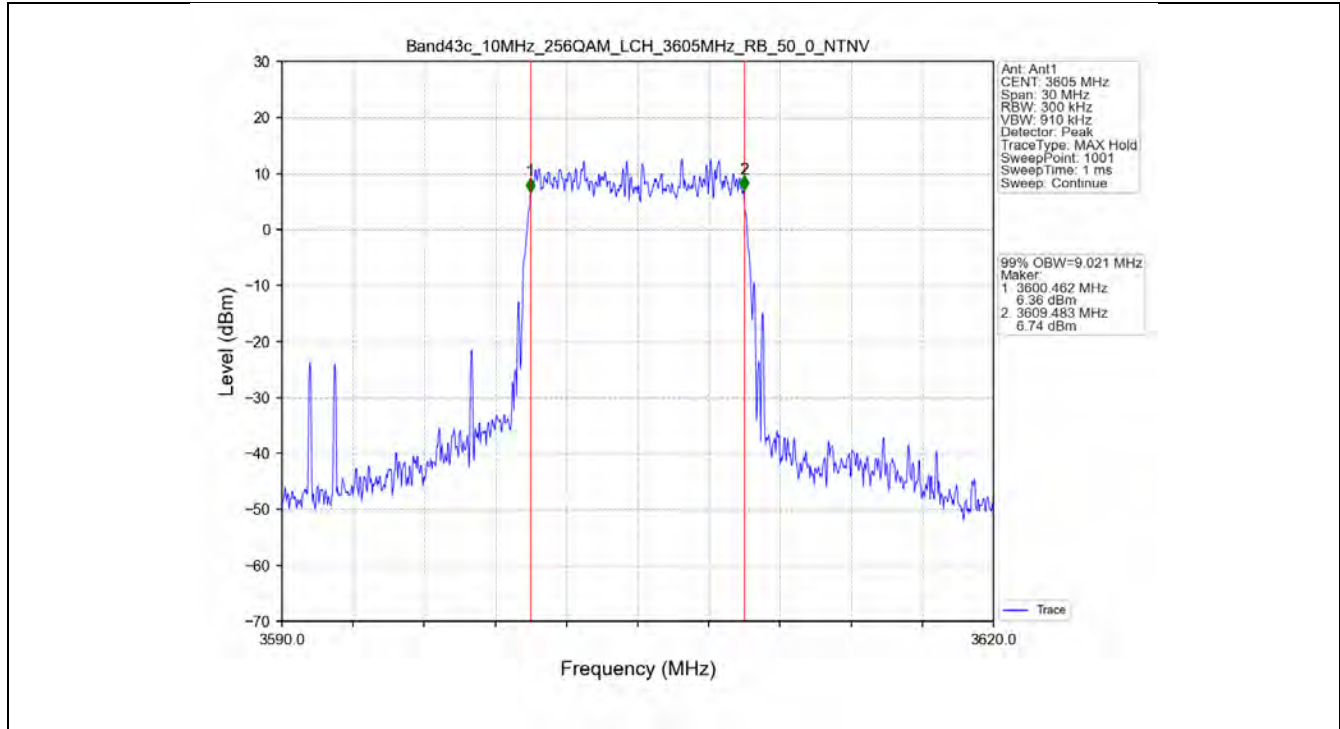


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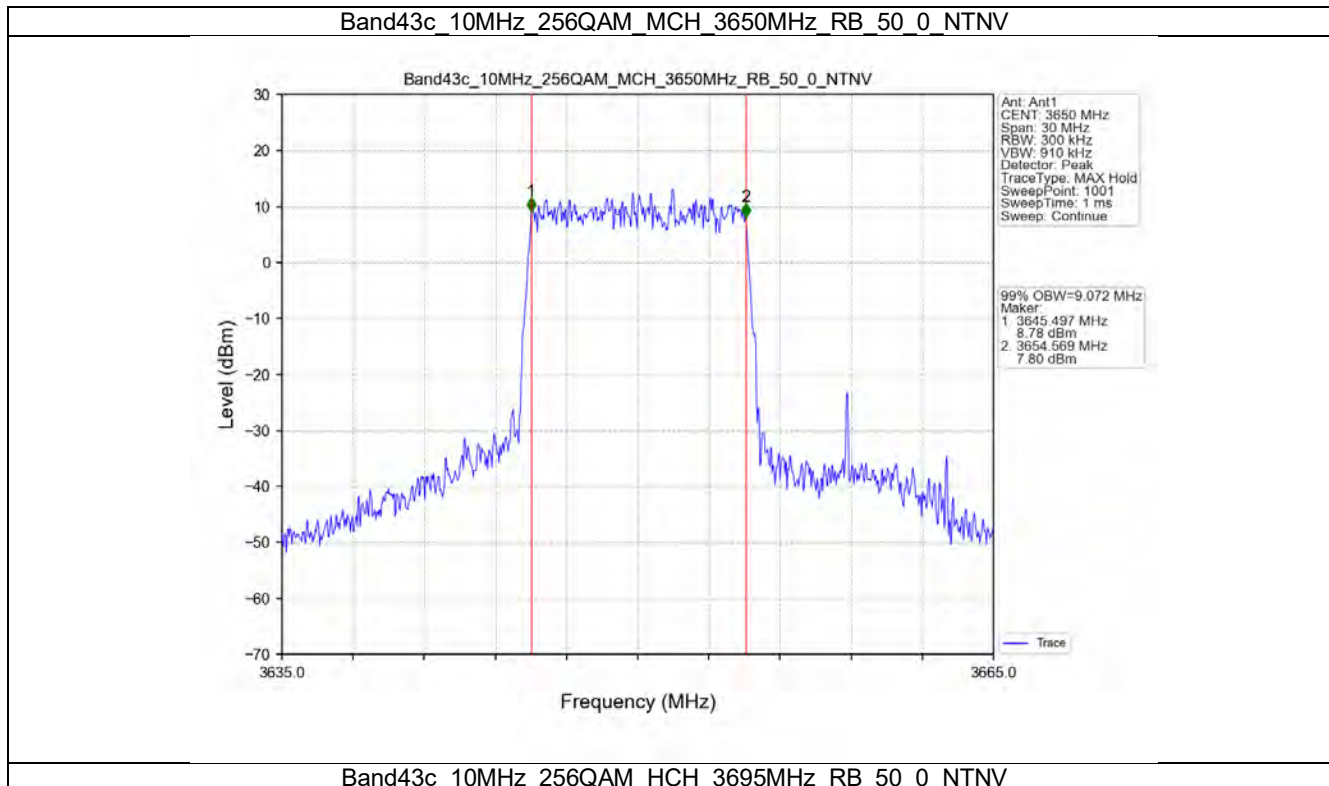
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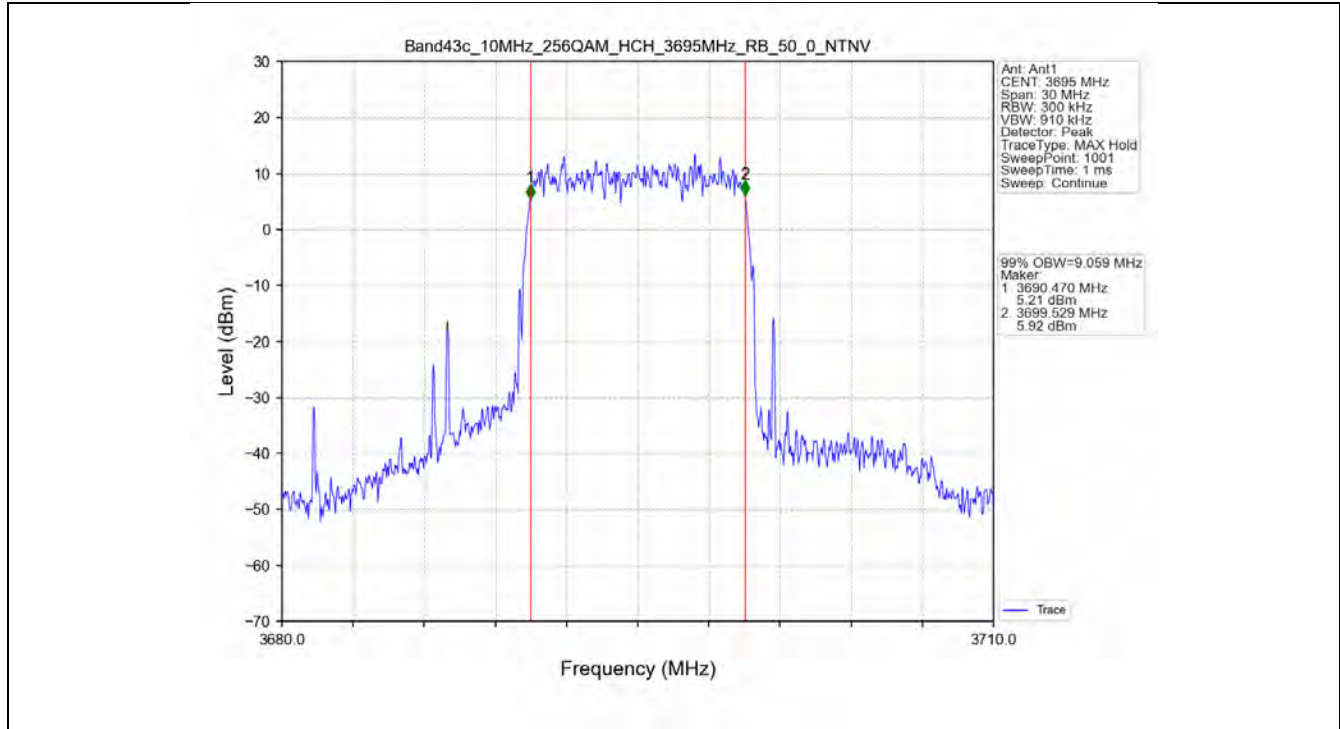


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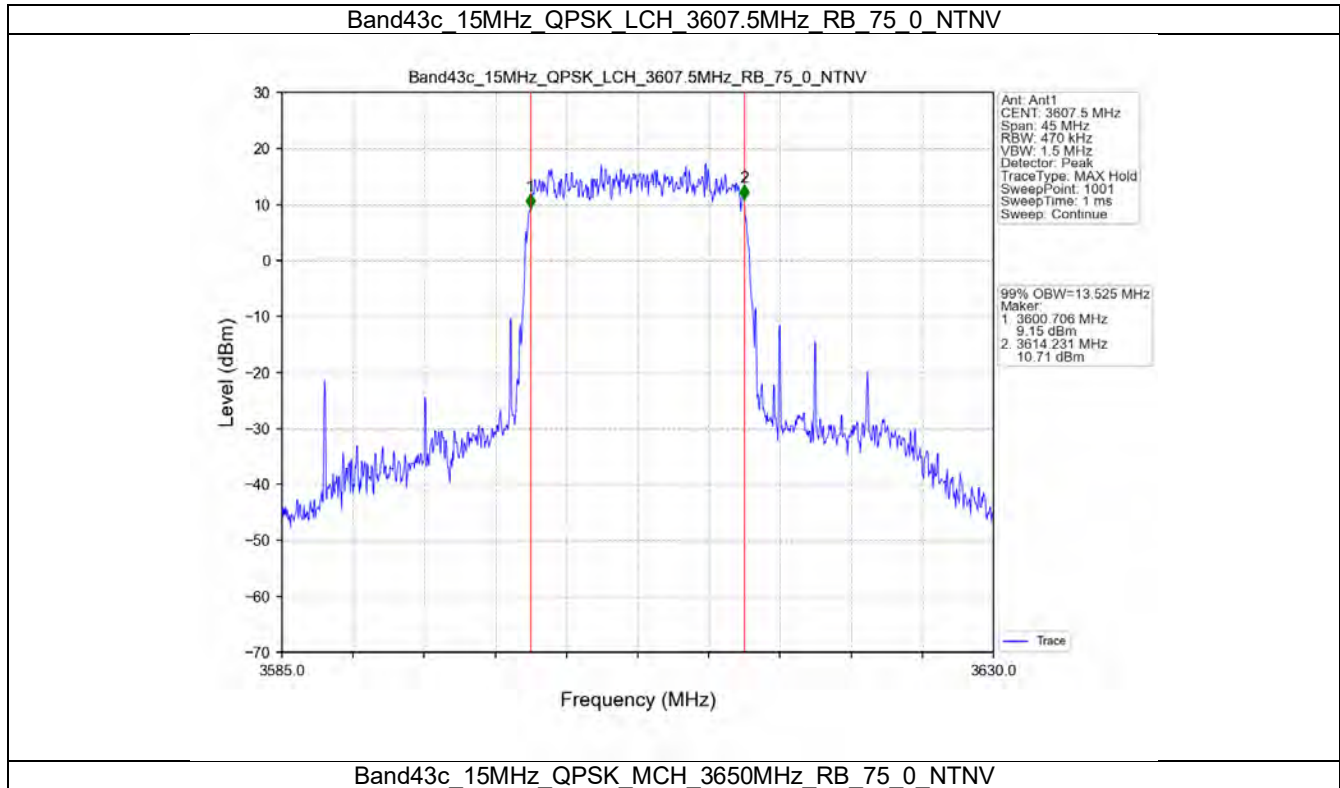


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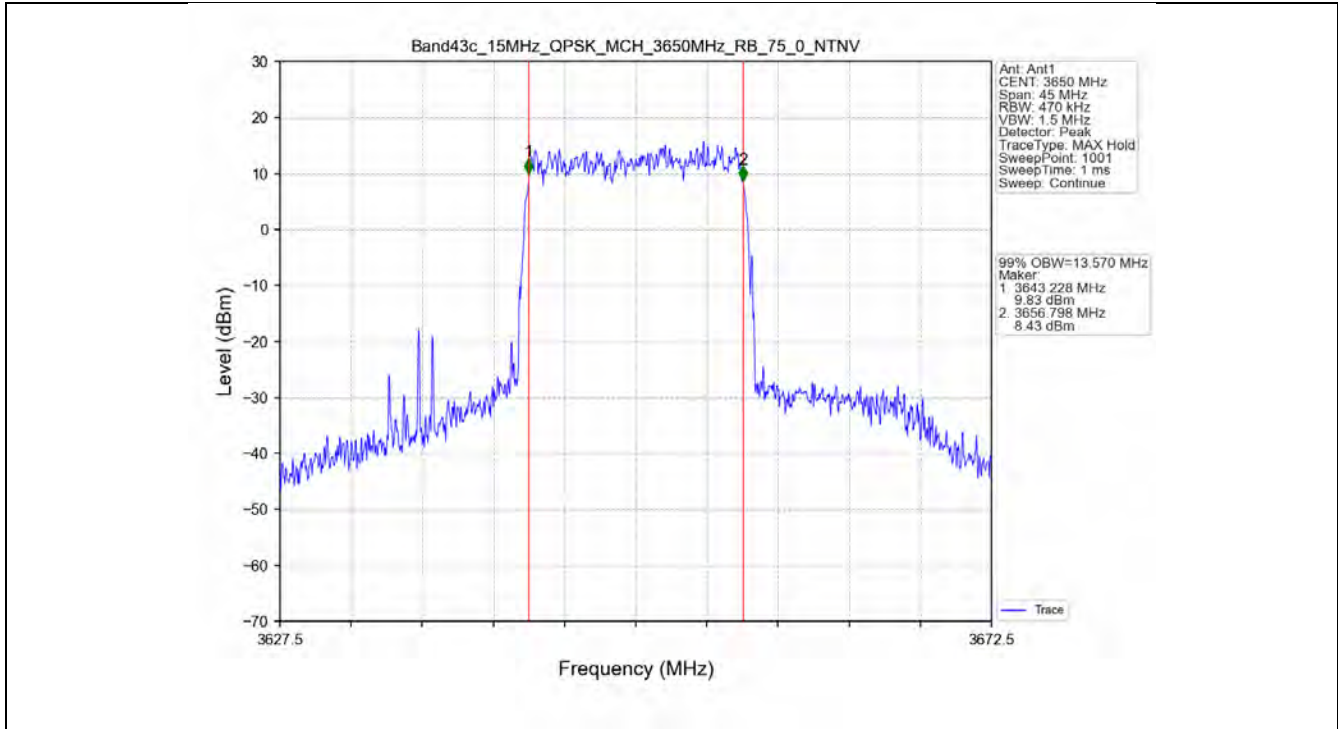


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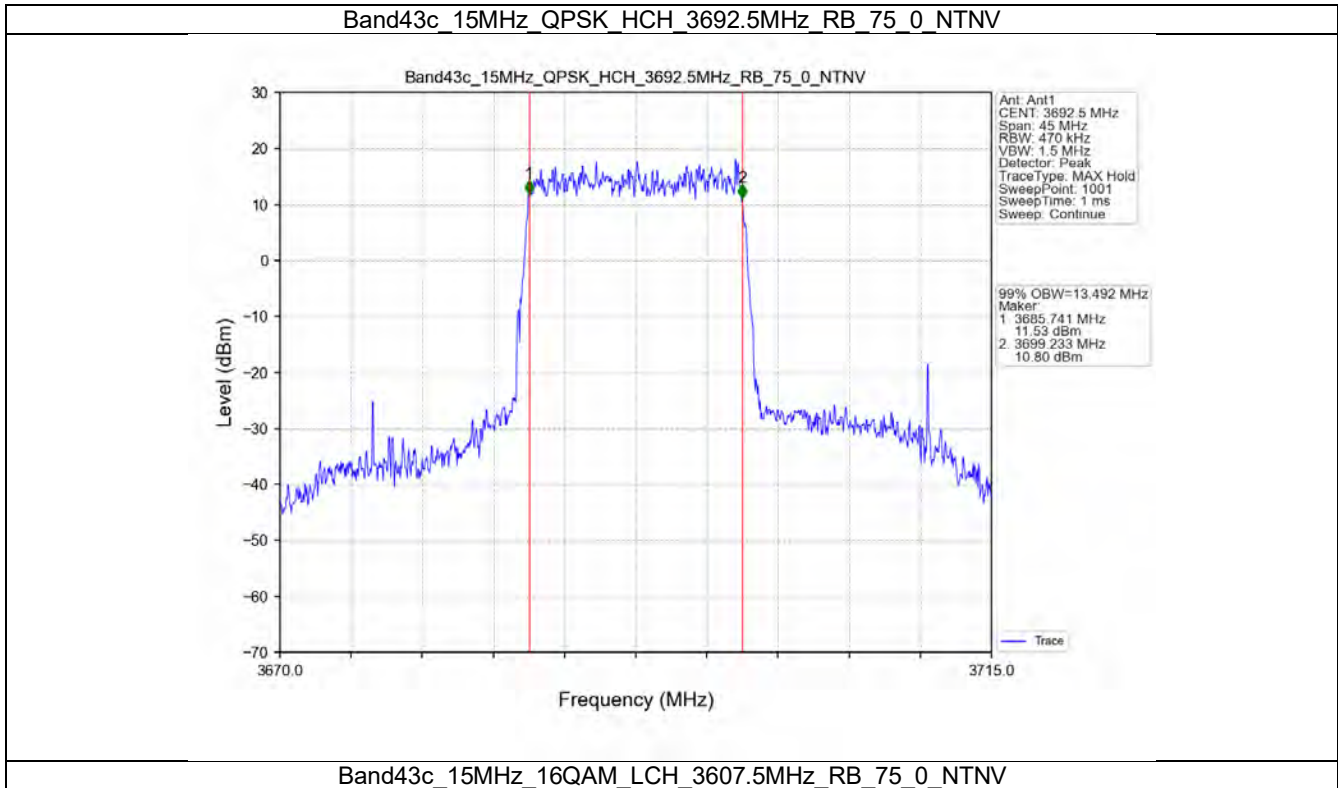


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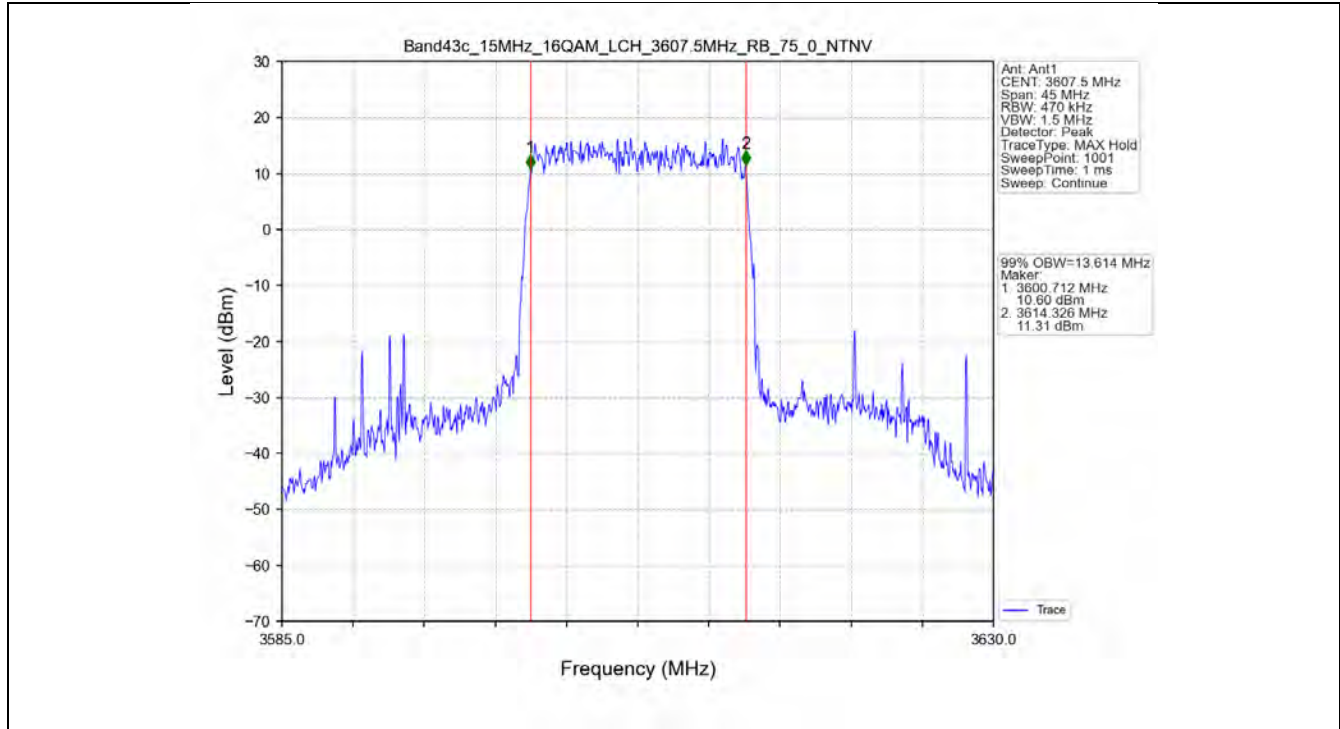


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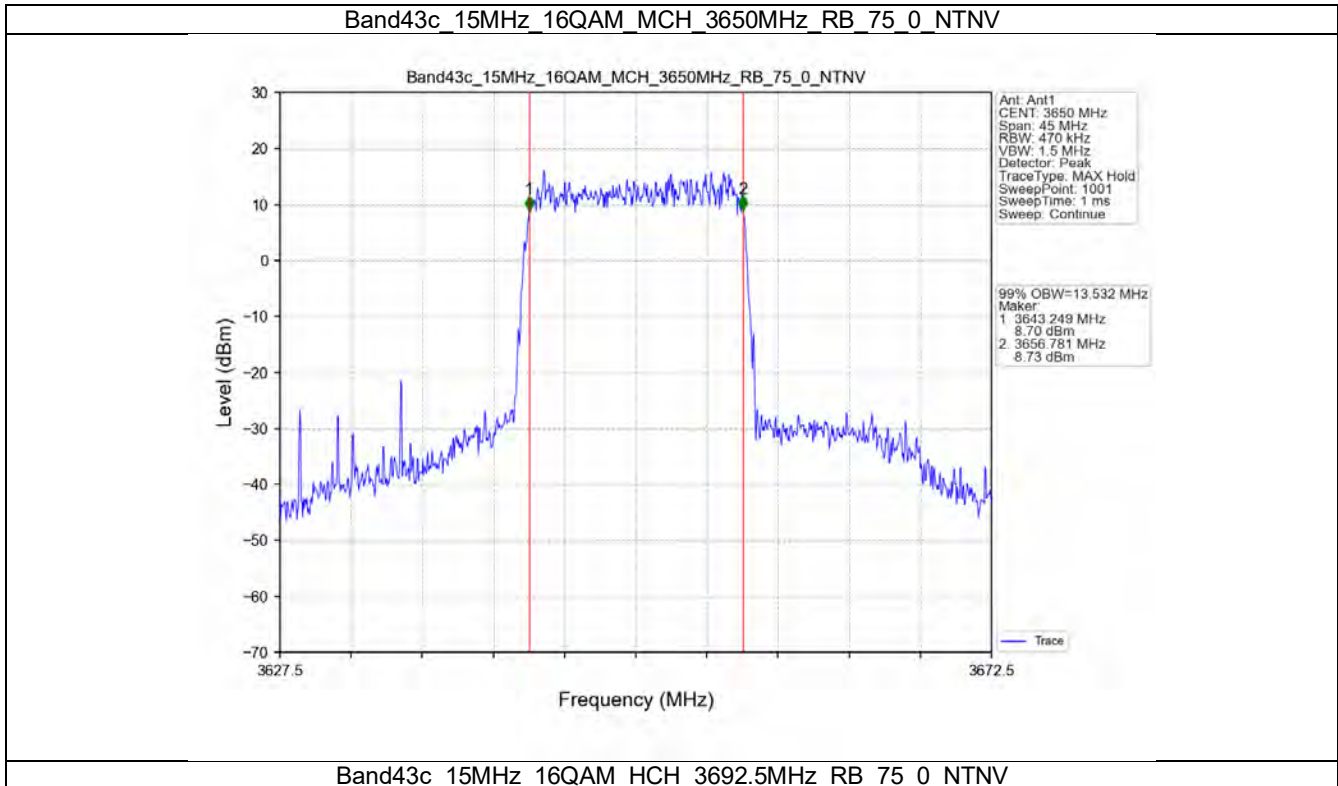


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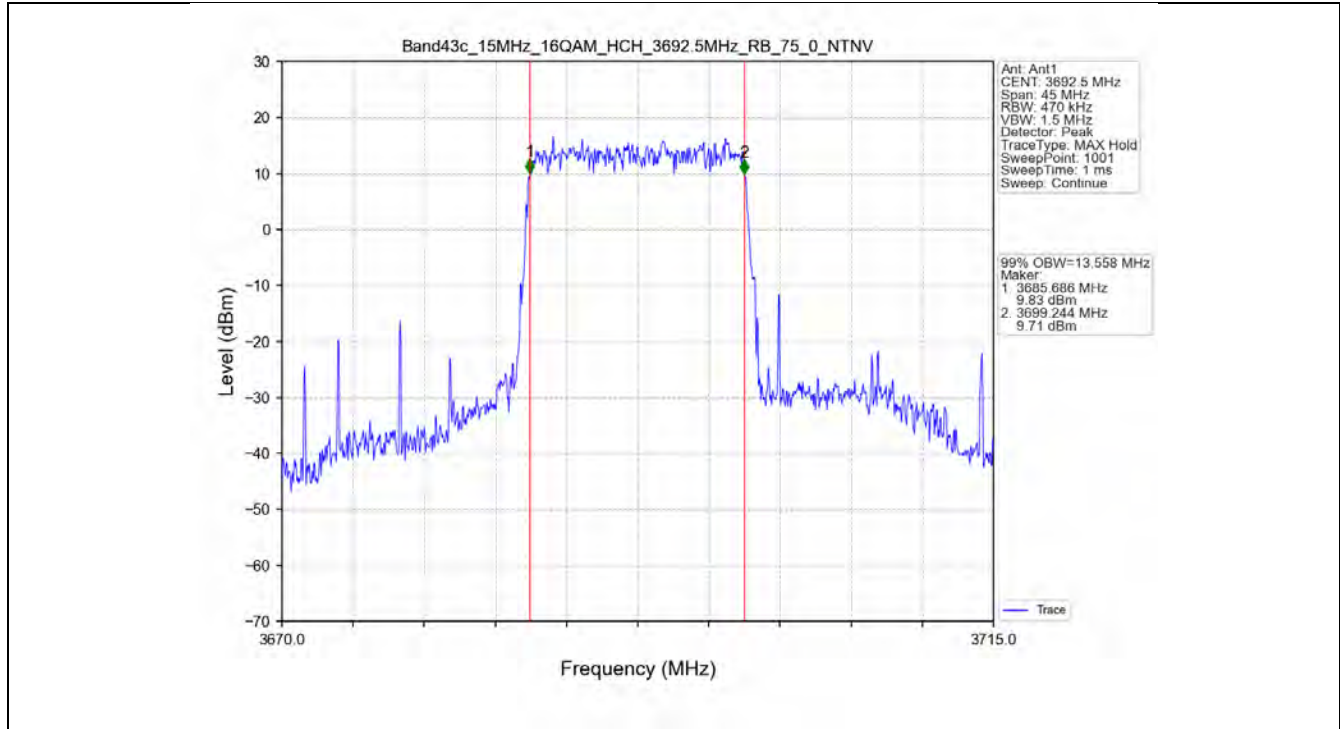


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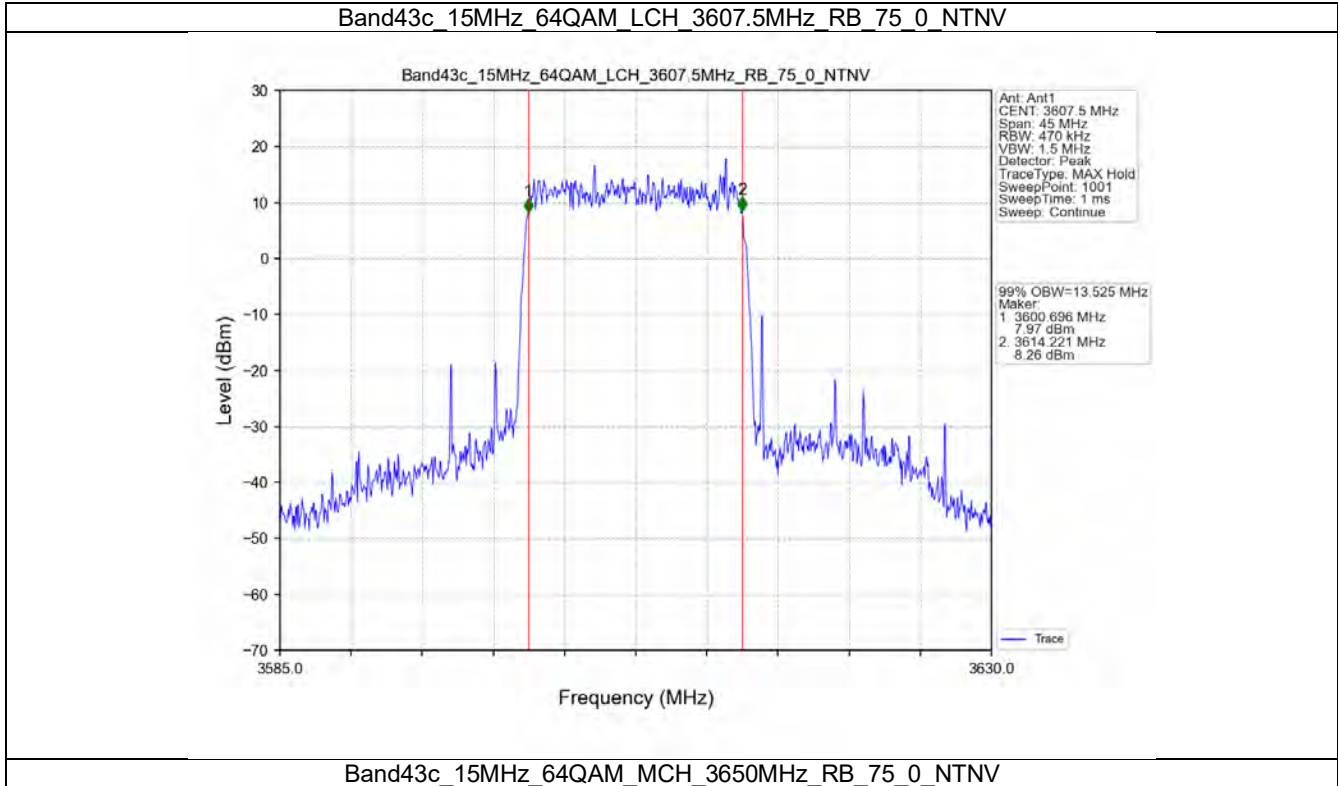


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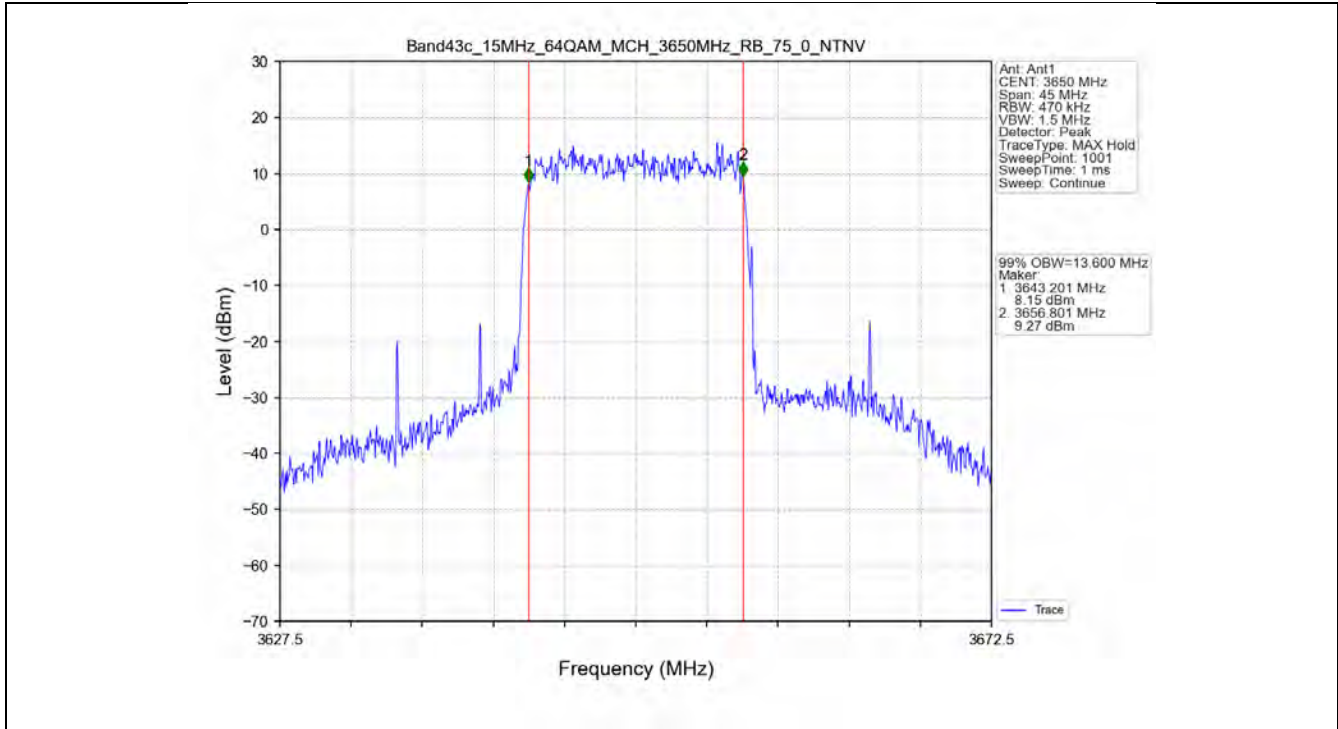


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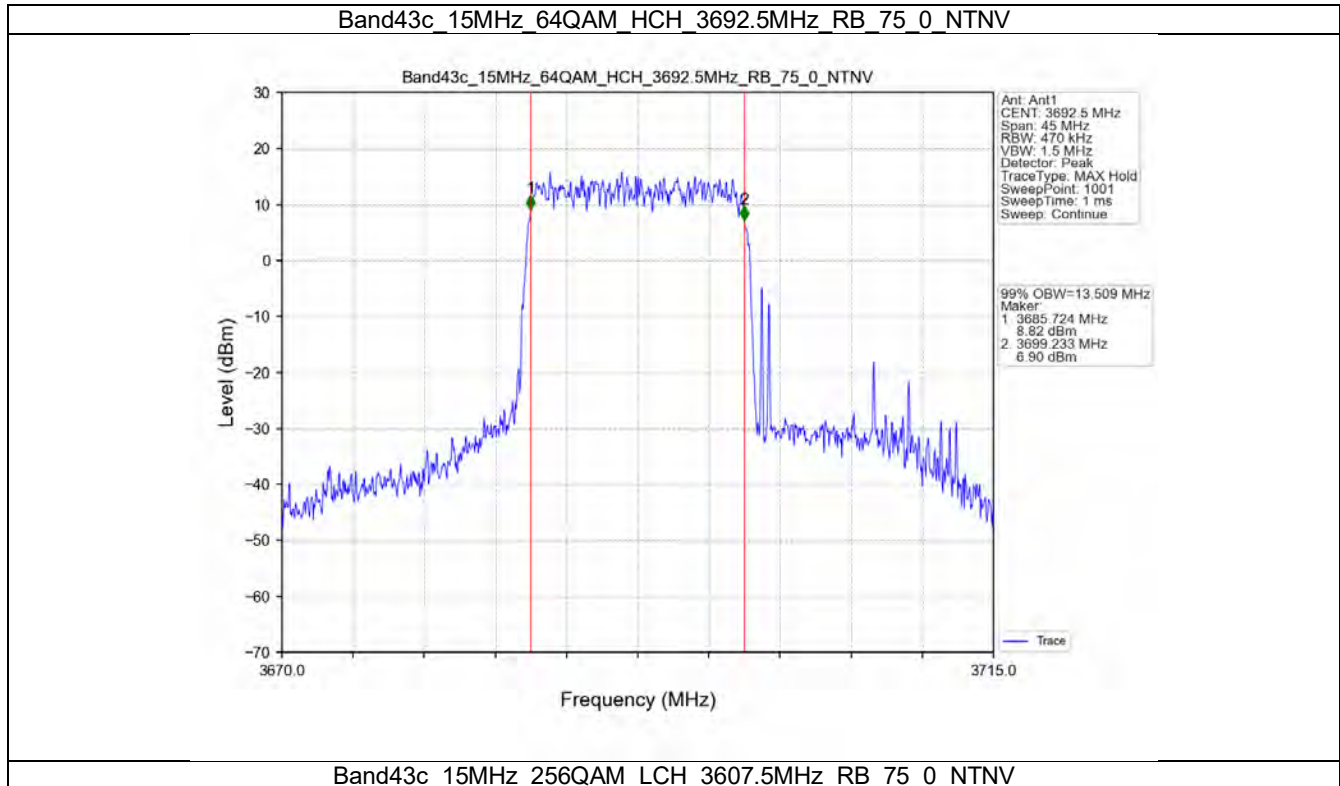


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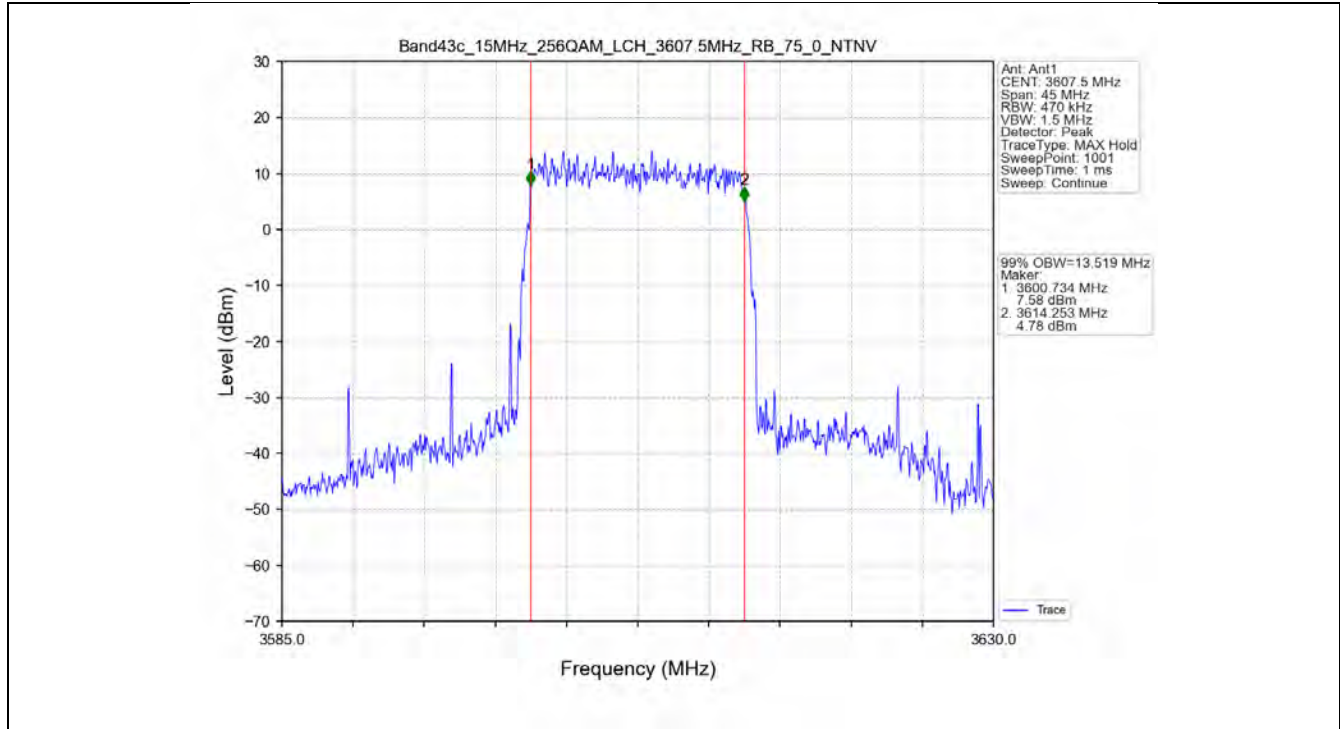


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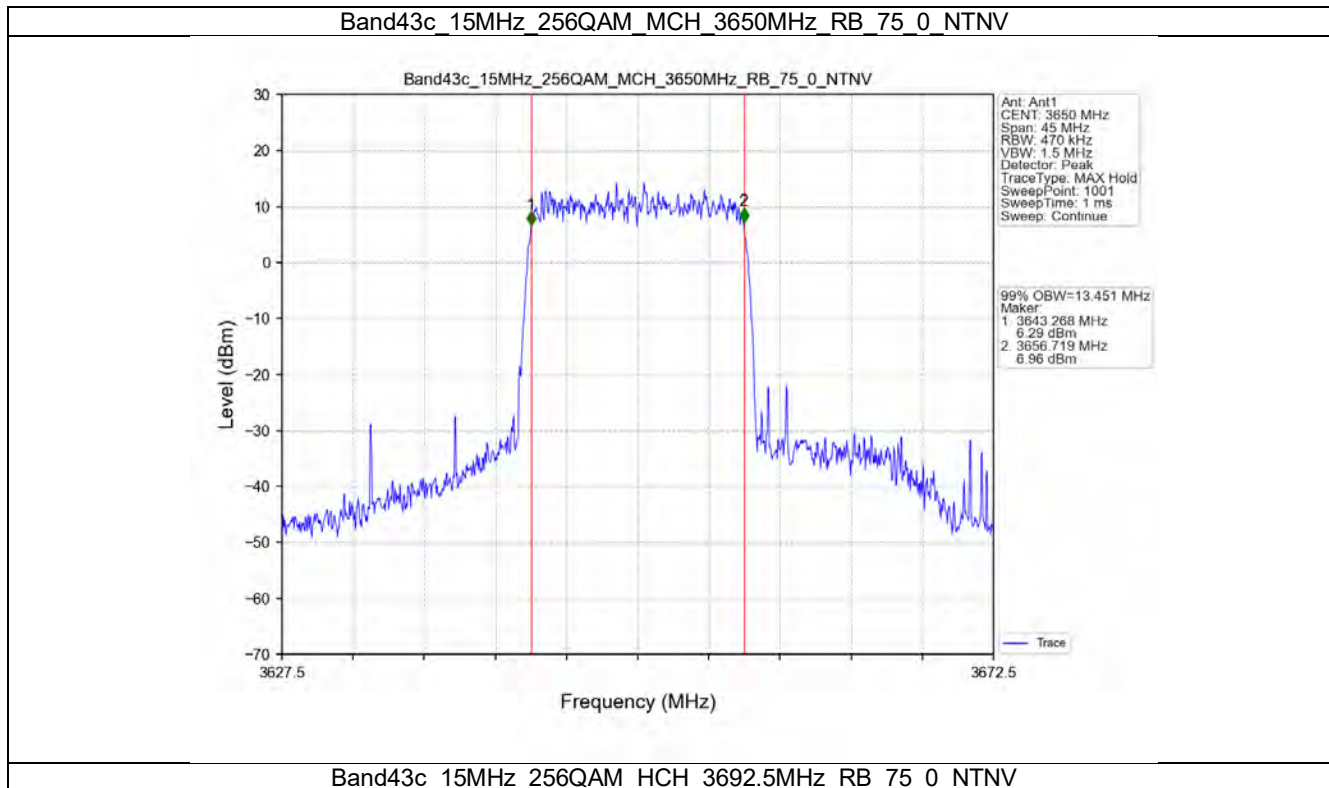
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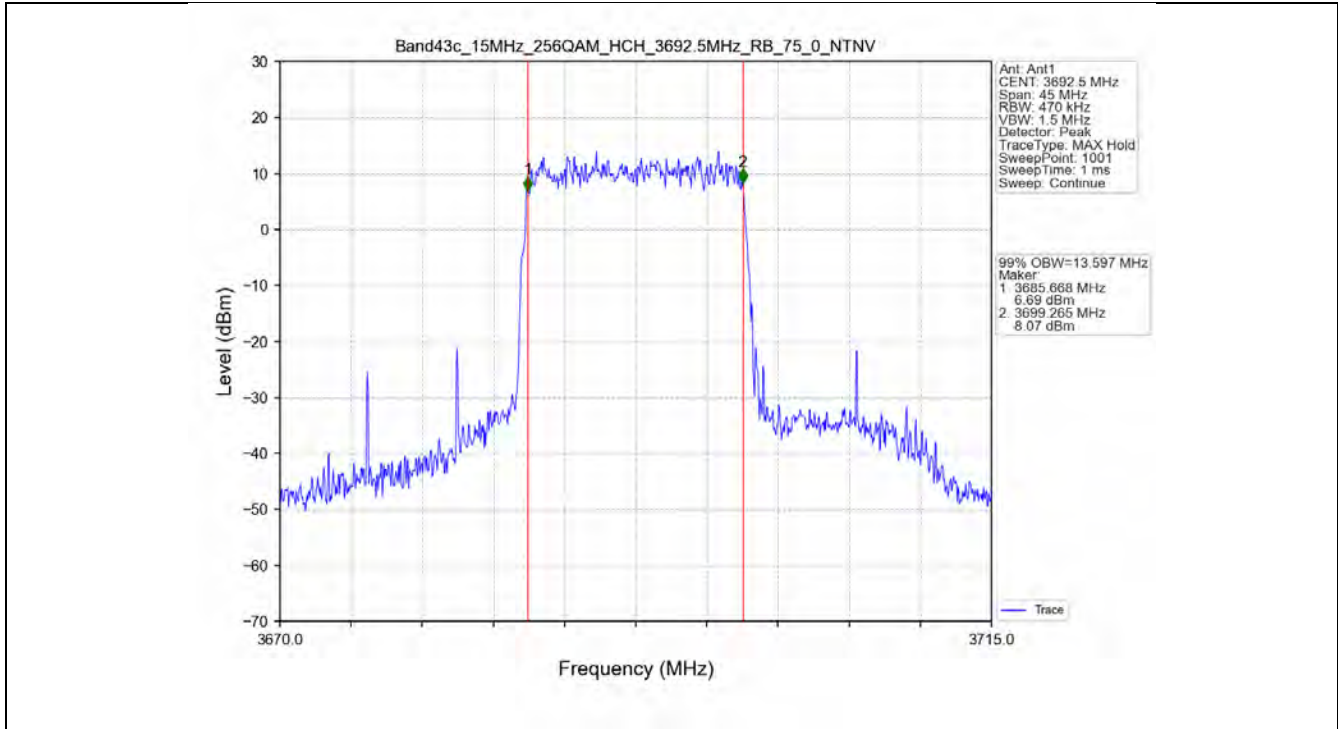


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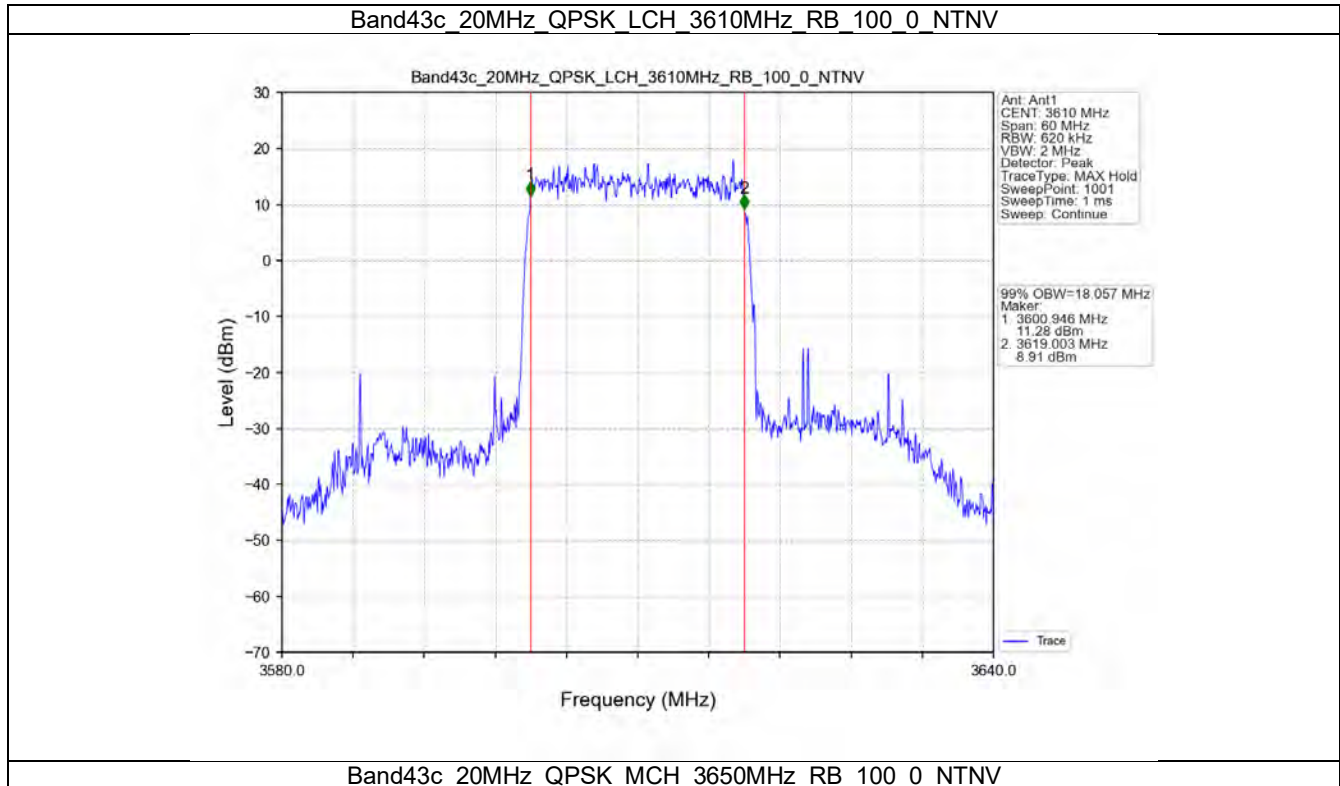


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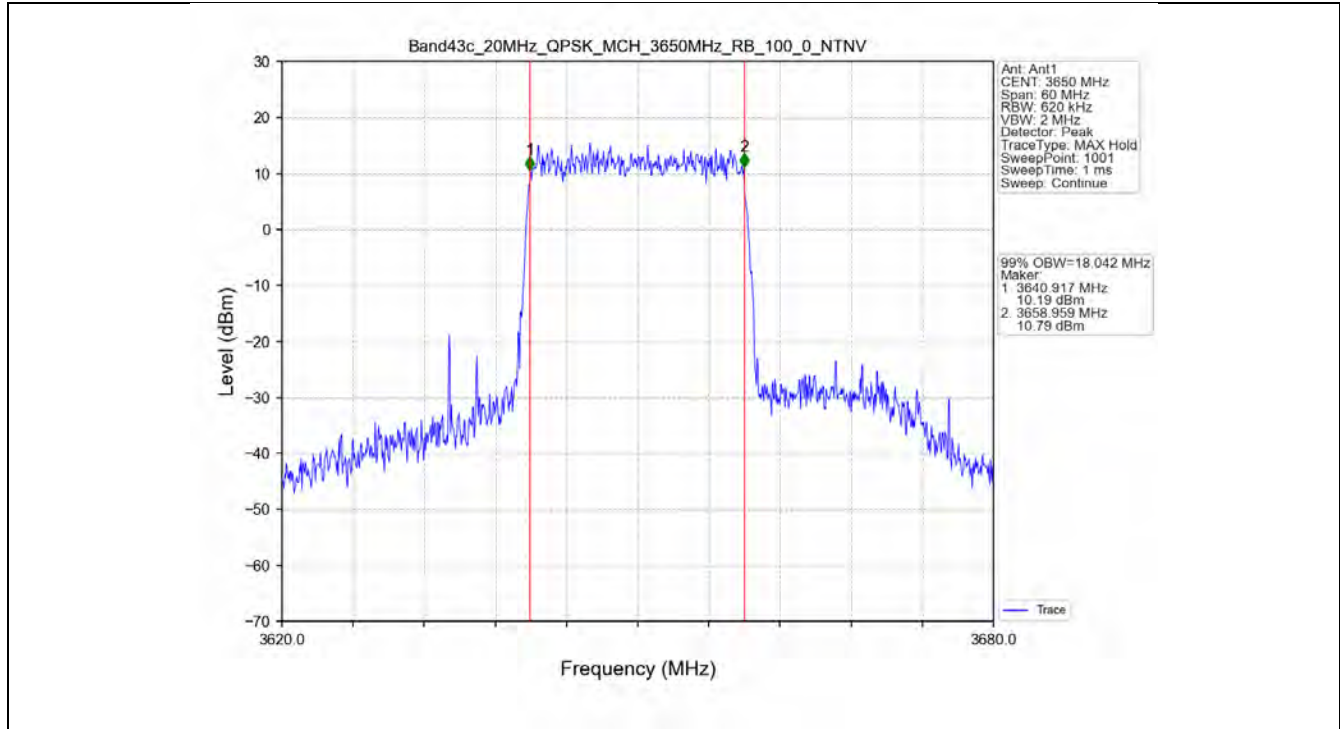


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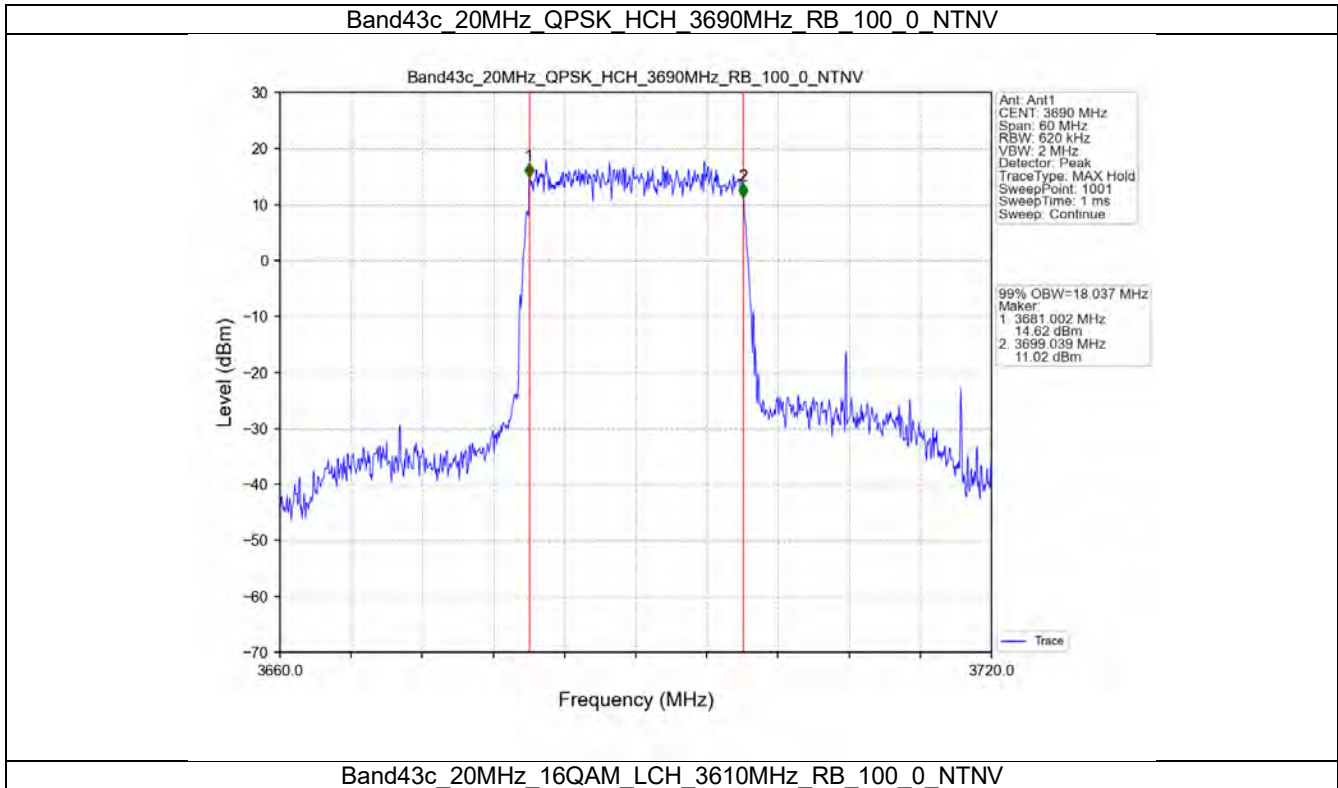


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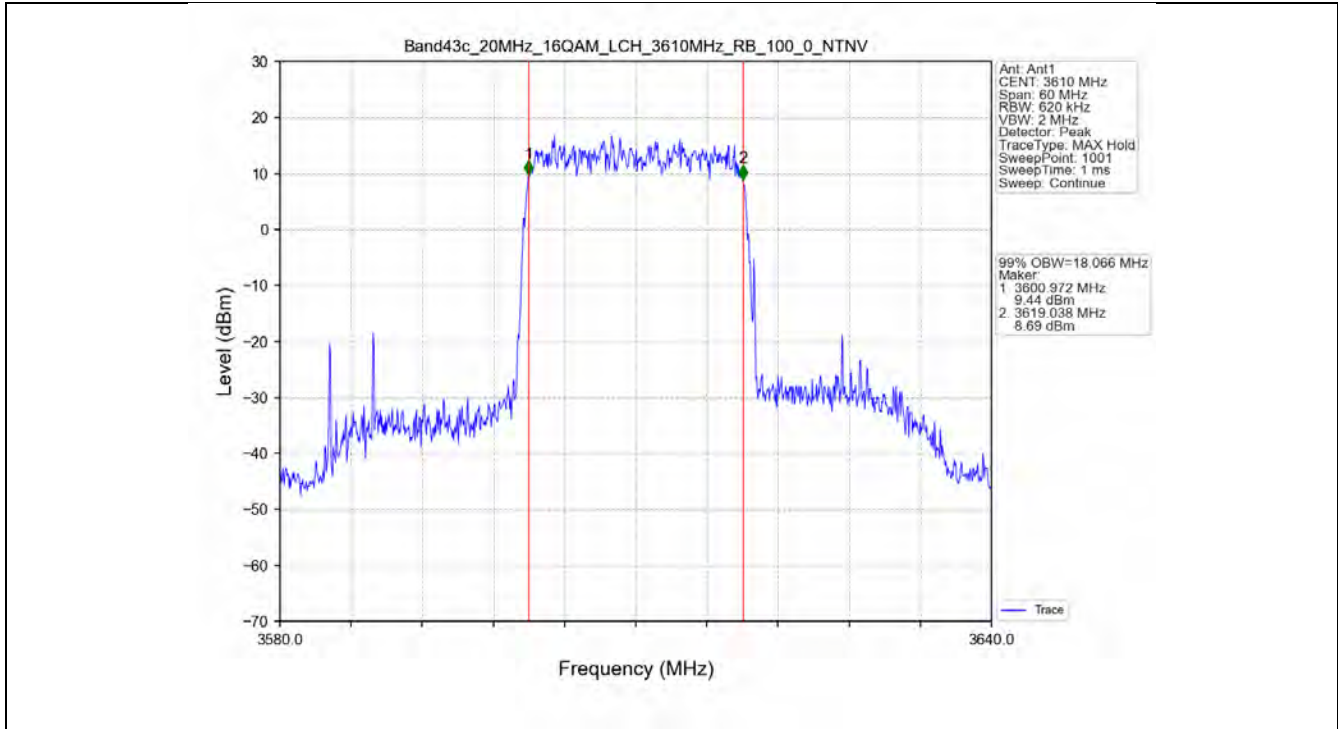


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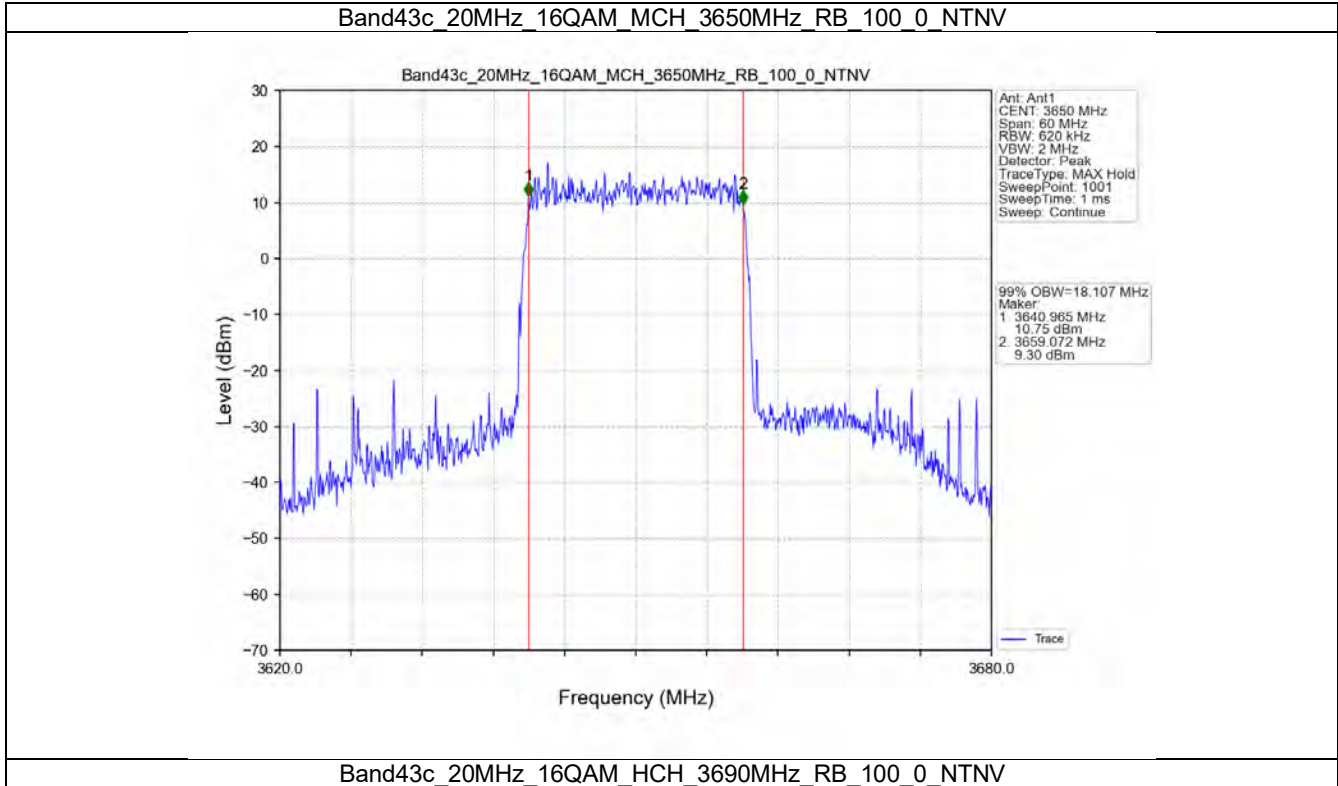


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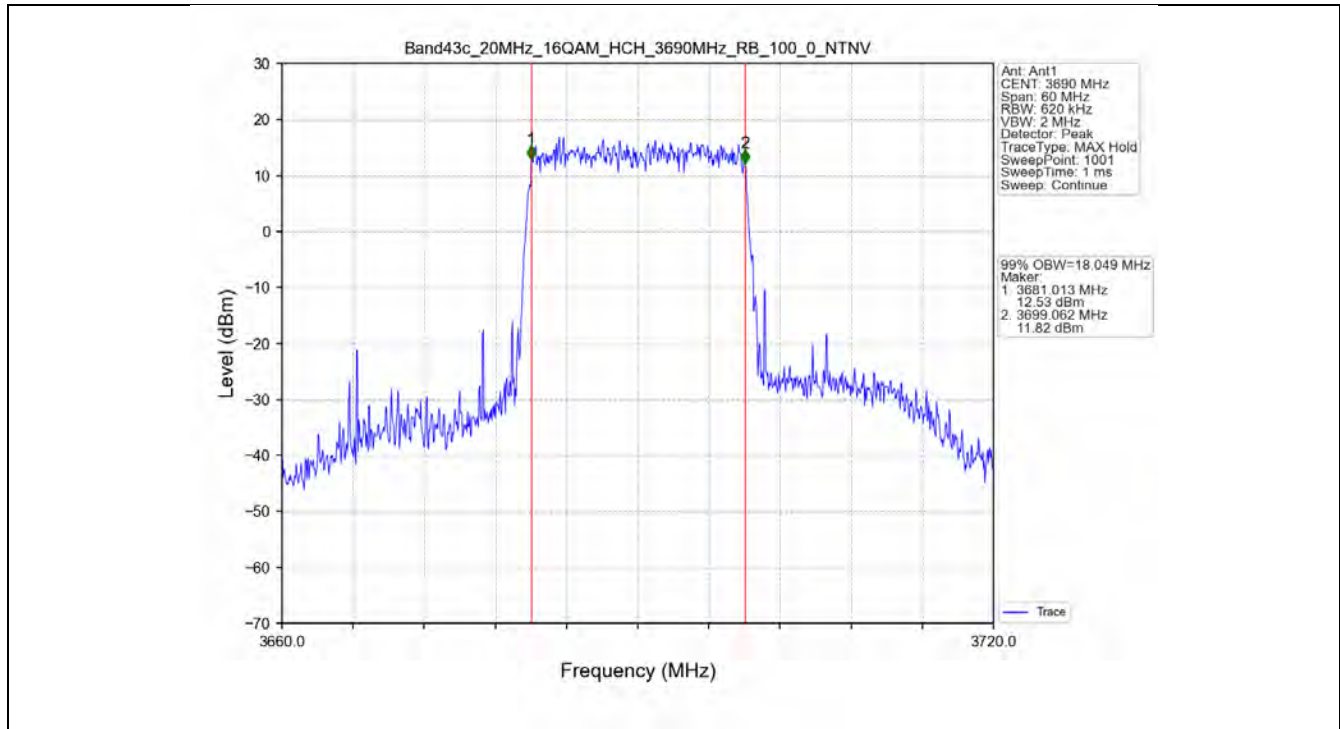


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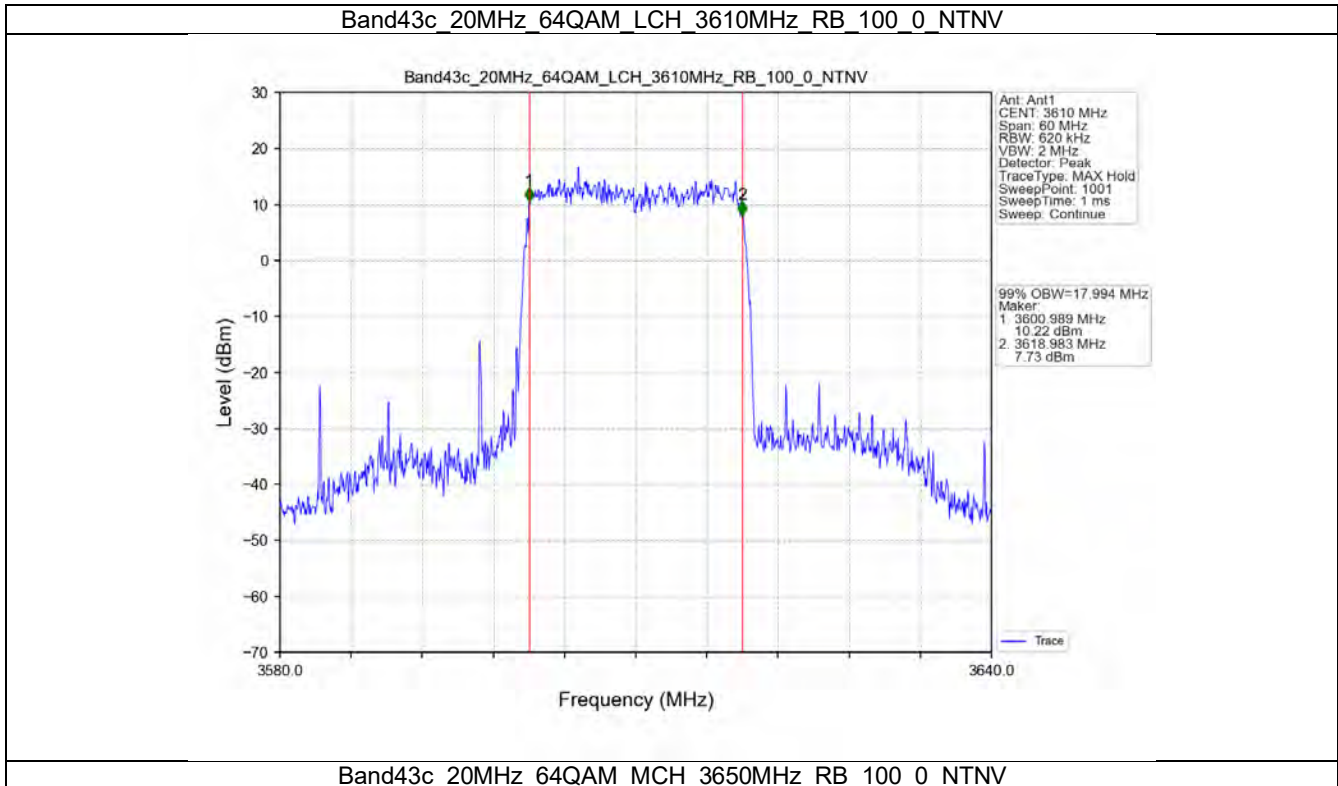


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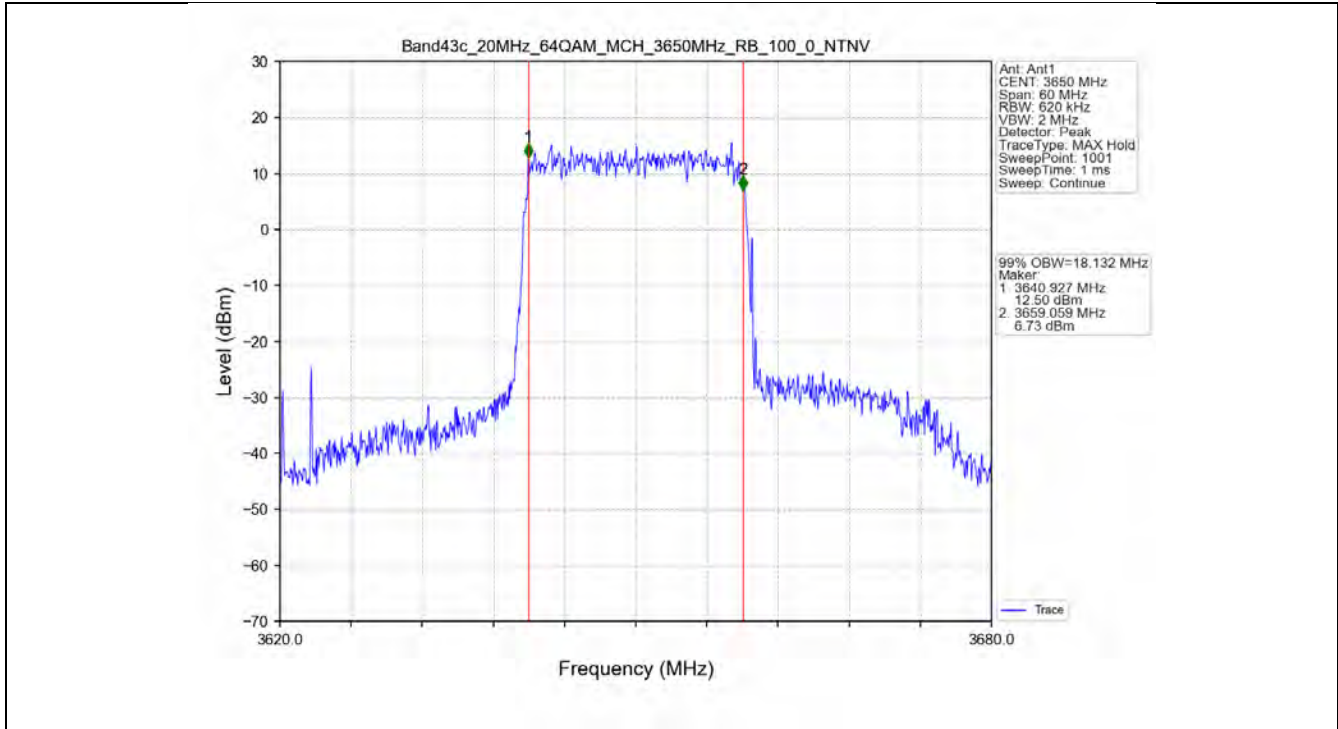


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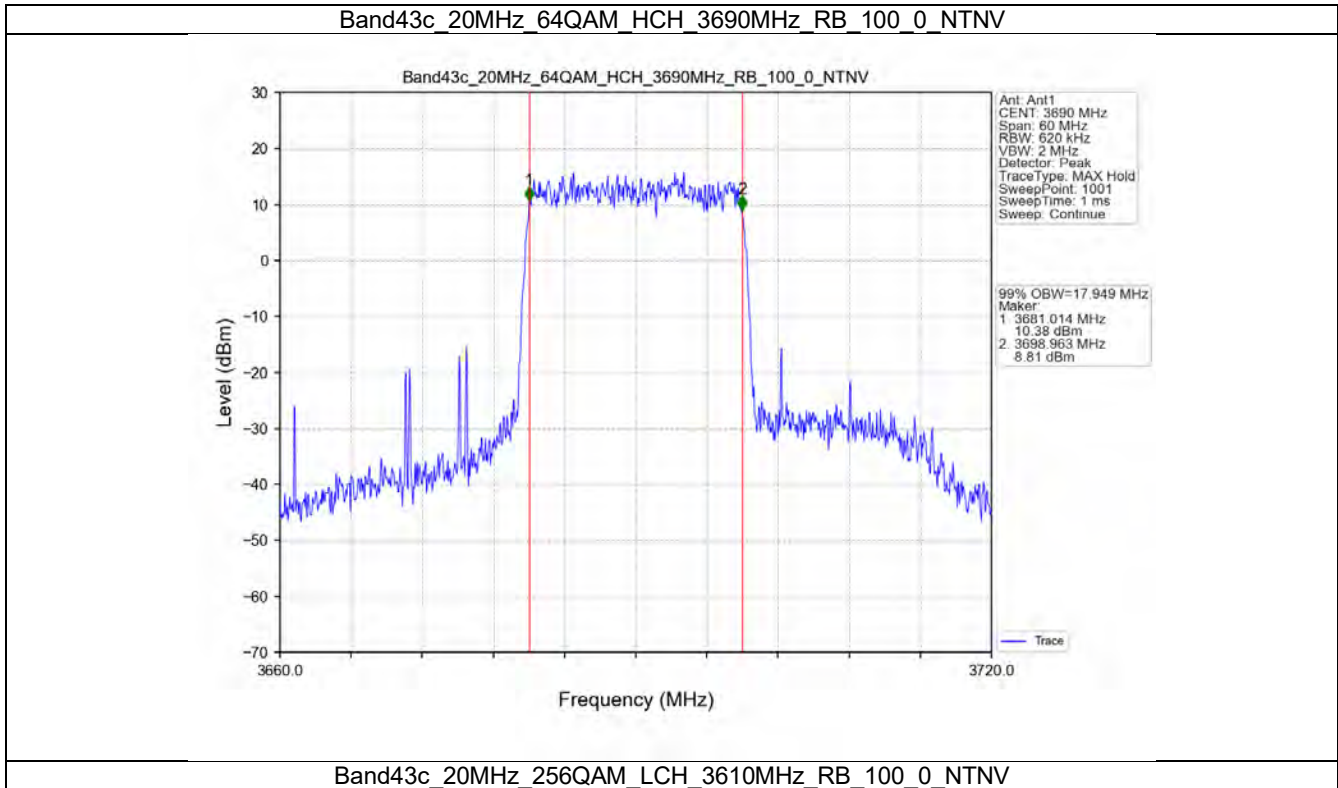


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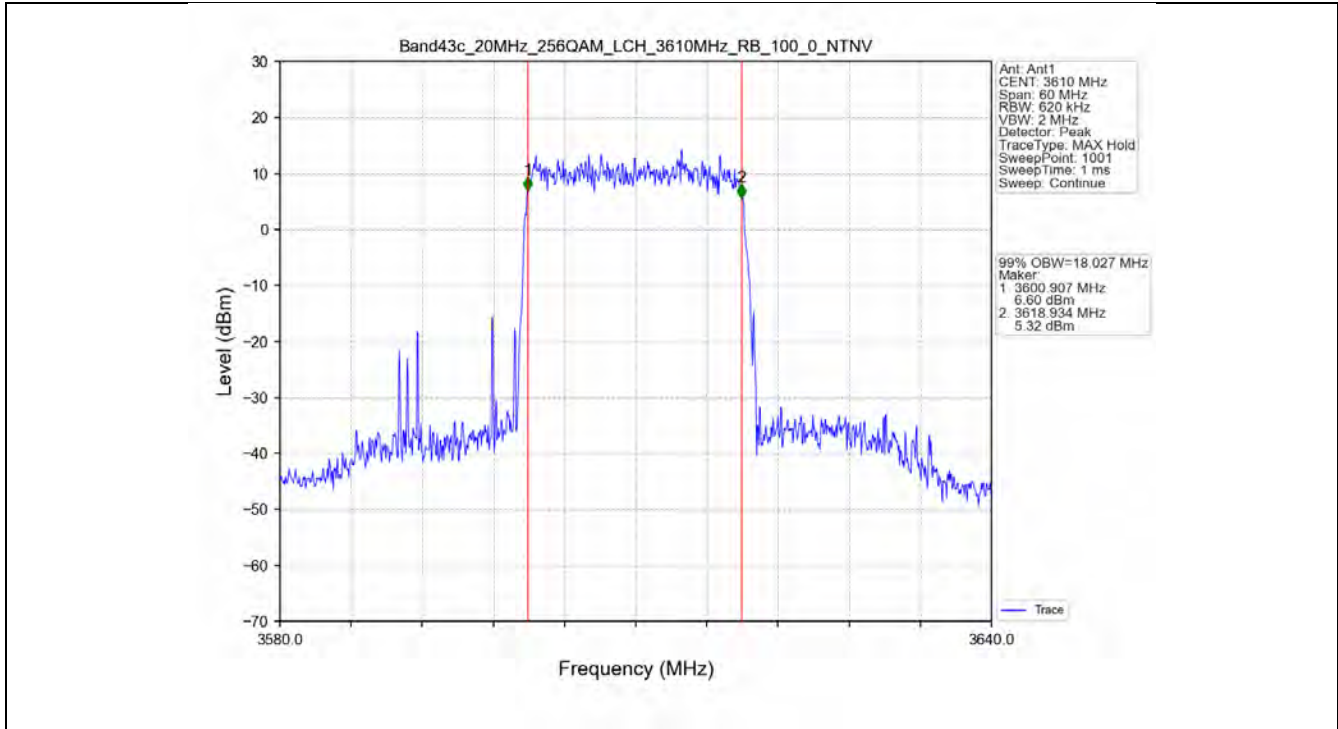


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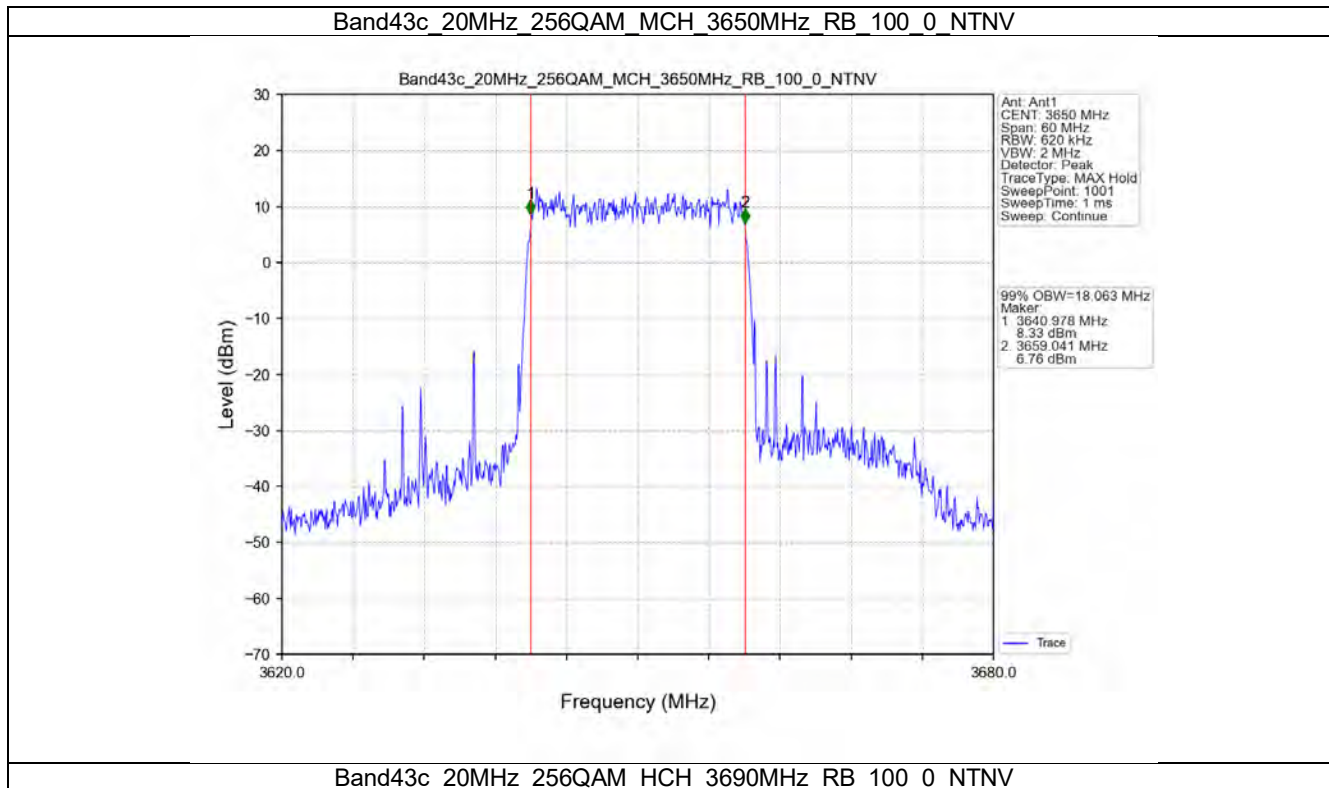
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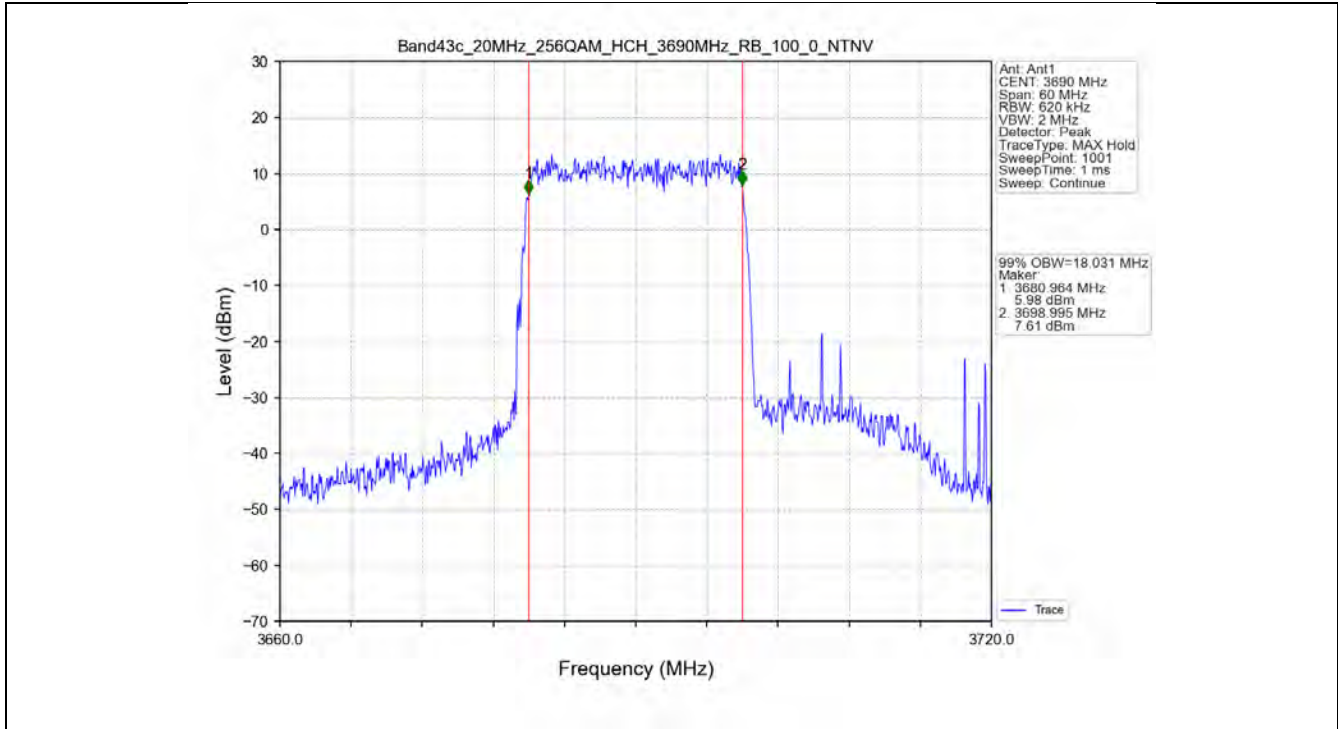


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3.2 Band43c_XDB

3.2.1 Test Result

Band: 43c / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3602.5	25	0	4.975	/	Pass
		3650	25	0	4.890	/	Pass
		3697.5	25	0	4.848	/	Pass
	16QAM	3602.5	25	0	4.868	/	Pass
		3650	25	0	4.949	/	Pass
		3697.5	25	0	4.963	/	Pass
	64QAM	3602.5	25	0	4.979	/	Pass
		3650	25	0	4.962	/	Pass
		3697.5	25	0	4.842	/	Pass
	256QAM	3602.5	25	0	5.004	/	Pass
		3650	25	0	4.872	/	Pass
		3697.5	25	0	4.876	/	Pass
10	QPSK	3605	50	0	9.733	/	Pass
		3650	50	0	9.837	/	Pass
		3695	50	0	9.676	/	Pass
	16QAM	3605	50	0	9.737	/	Pass
		3650	50	0	9.770	/	Pass
		3695	50	0	9.662	/	Pass
	64QAM	3605	50	0	10.379	/	Pass
		3650	50	0	9.784	/	Pass
		3695	50	0	9.652	/	Pass
	256QAM	3605	50	0	9.996	/	Pass
		3650	50	0	9.809	/	Pass
		3695	50	0	9.918	/	Pass
15	QPSK	3607.5	75	0	14.732	/	Pass
		3650	75	0	14.750	/	Pass
		3692.5	75	0	14.547	/	Pass
	16QAM	3607.5	75	0	14.745	/	Pass
		3650	75	0	14.532	/	Pass
		3692.5	75	0	14.685	/	Pass
	64QAM	3607.5	75	0	14.448	/	Pass
		3650	75	0	14.675	/	Pass
		3692.5	75	0	15.693	/	Pass
	256QAM	3607.5	75	0	14.701	/	Pass
		3650	75	0	14.504	/	Pass
		3692.5	75	0	14.545	/	Pass
20	QPSK	3610	100	0	19.496	/	Pass
		3650	100	0	19.345	/	Pass



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		3690	100	0	19.485	/	Pass
	16QAM	3610	100	0	19.680	/	Pass
		3650	100	0	19.493	/	Pass
		3690	100	0	19.458	/	Pass
		3610	100	0	19.354	/	Pass
	64QAM	3650	100	0	19.579	/	Pass
		3690	100	0	19.252	/	Pass
		3610	100	0	19.227	/	Pass
	256QAM	3650	100	0	19.572	/	Pass
		3690	100	0	19.457	/	Pass



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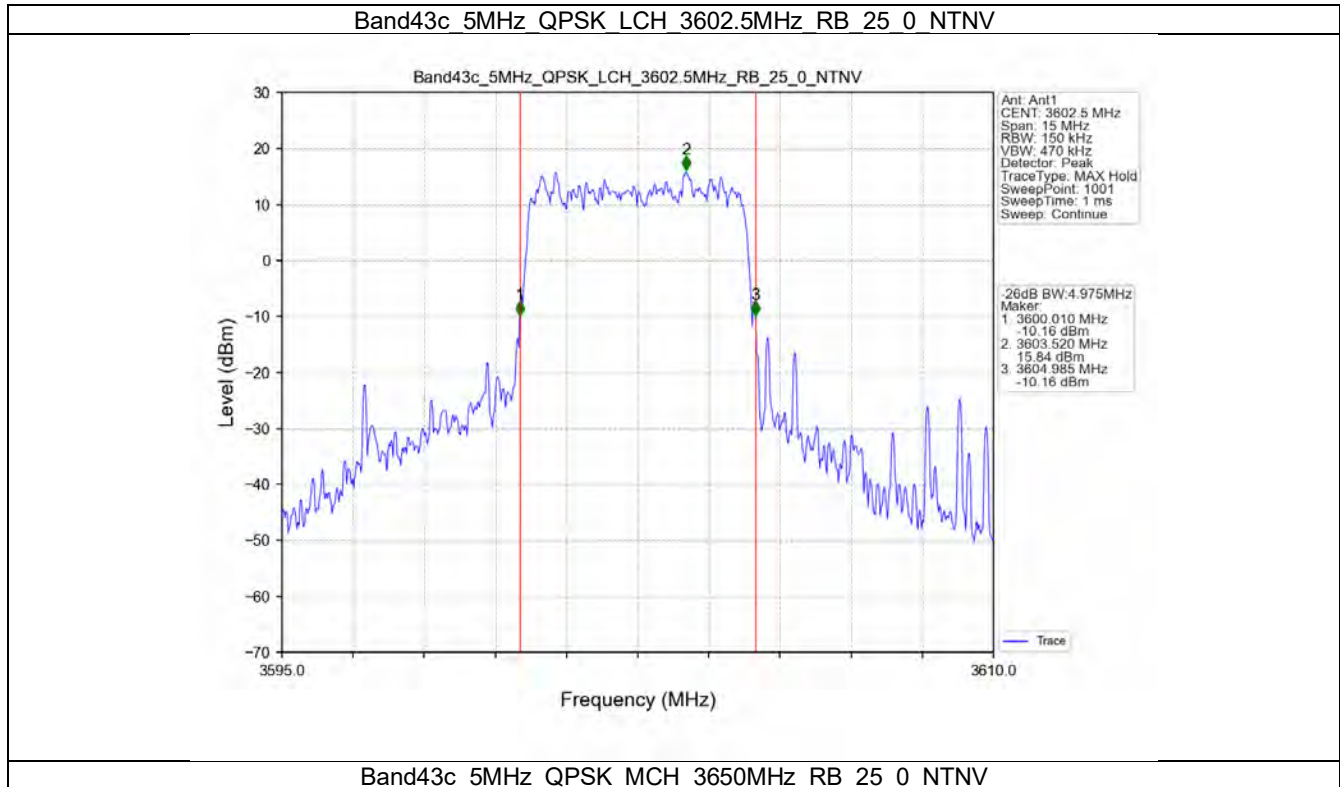
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3.2.2 Test Graph



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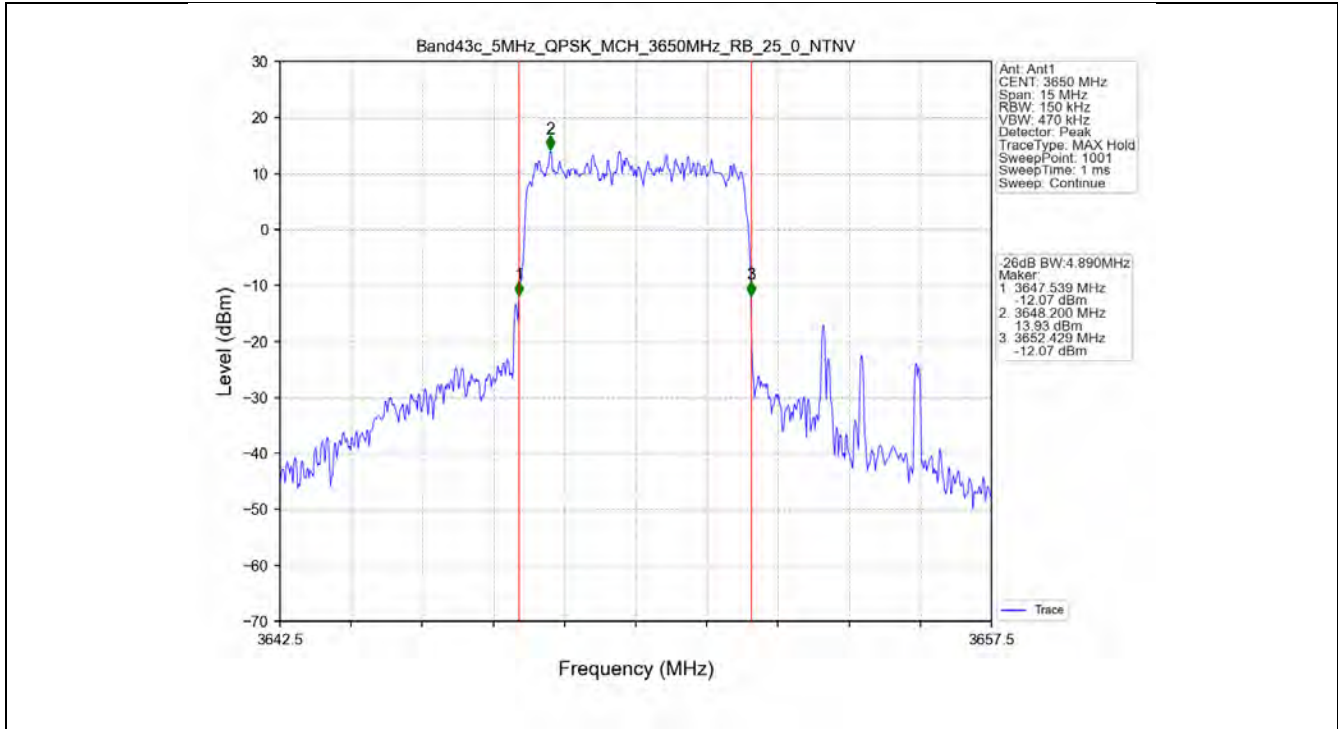


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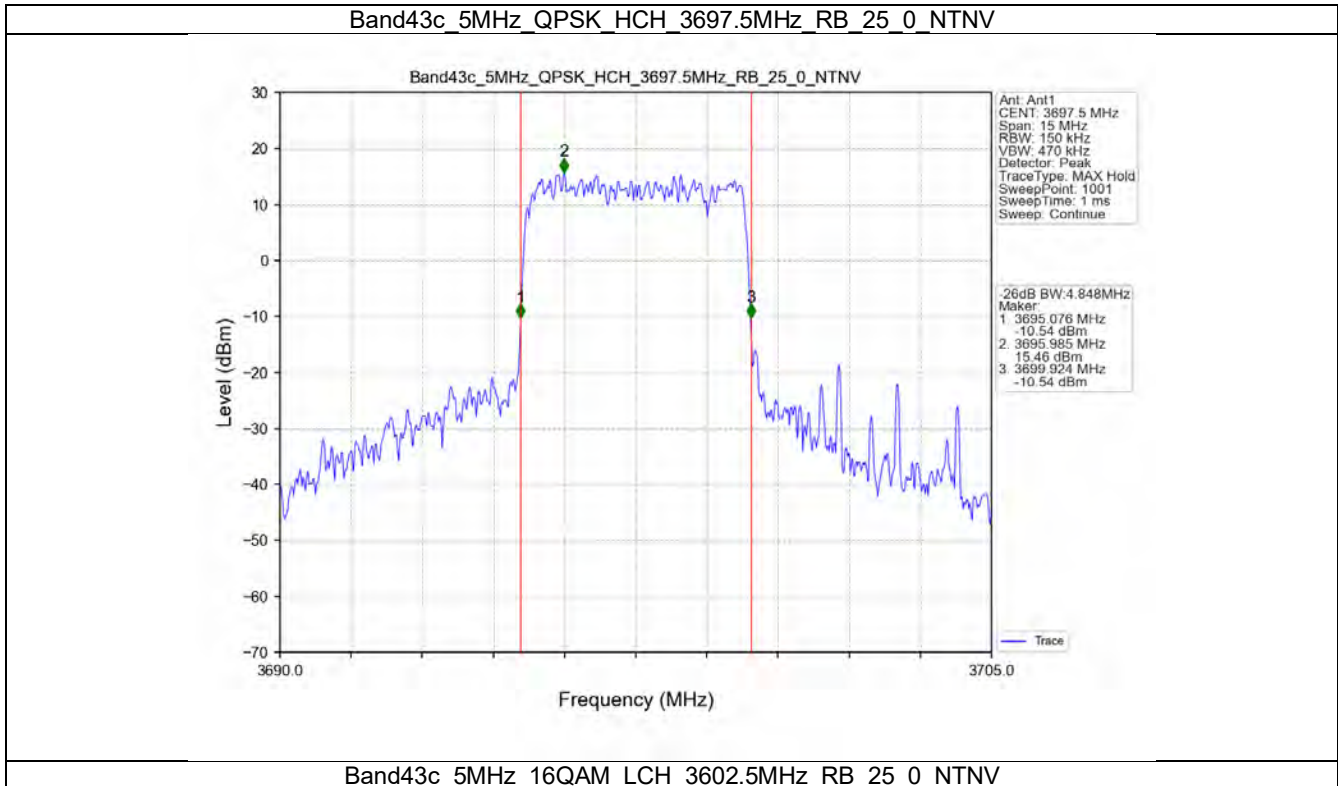


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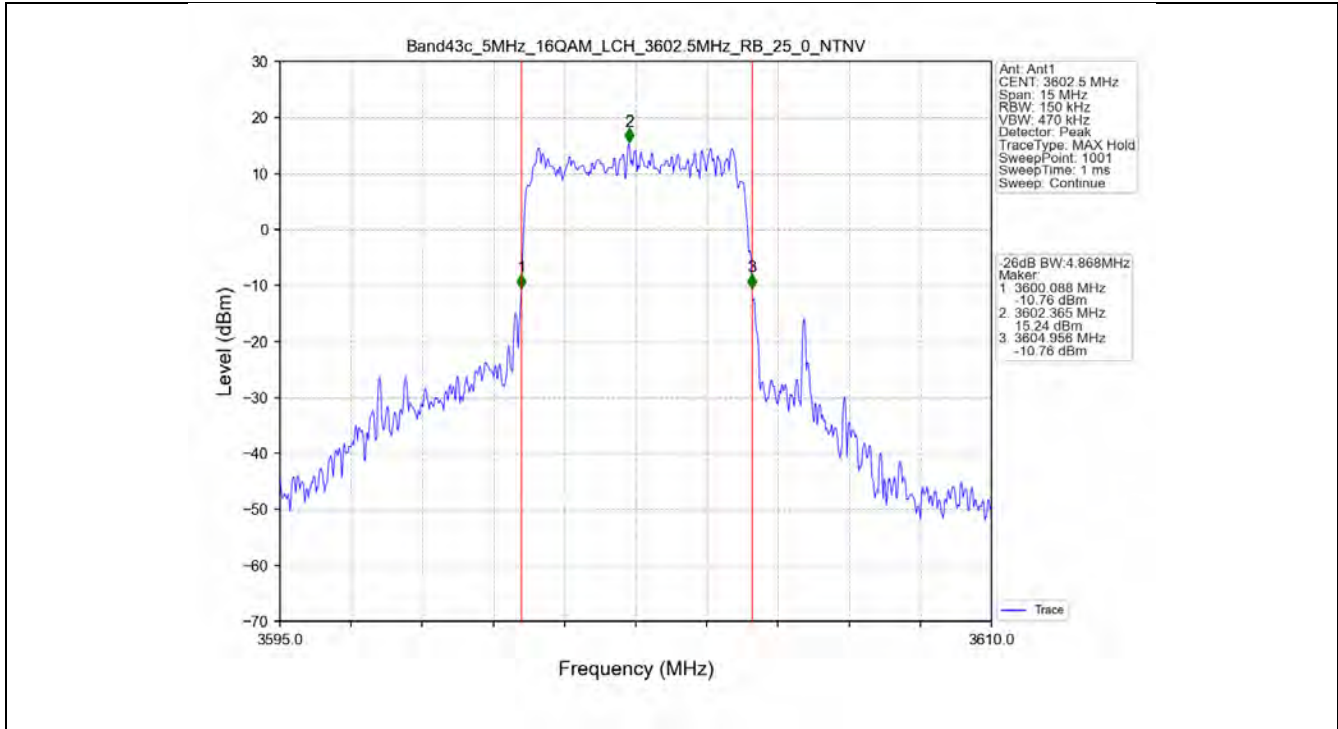


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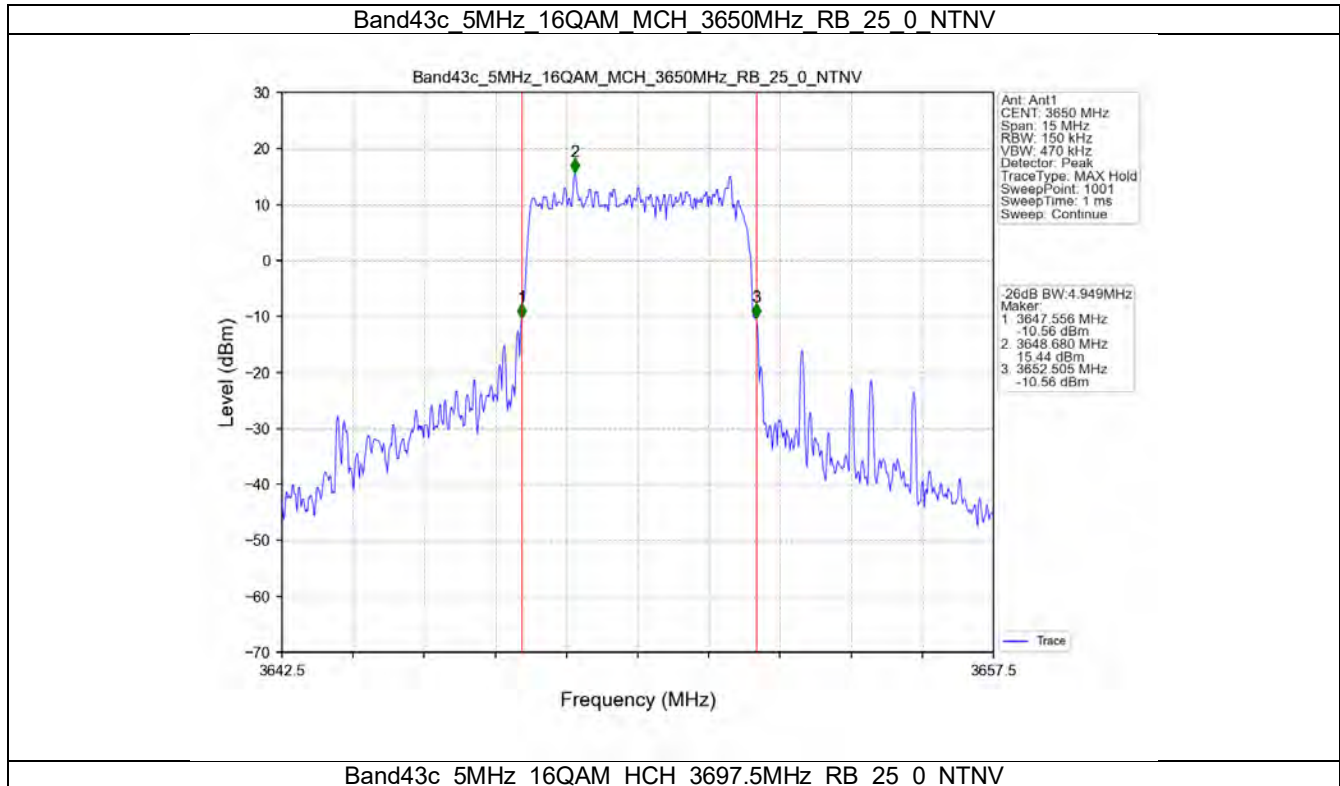


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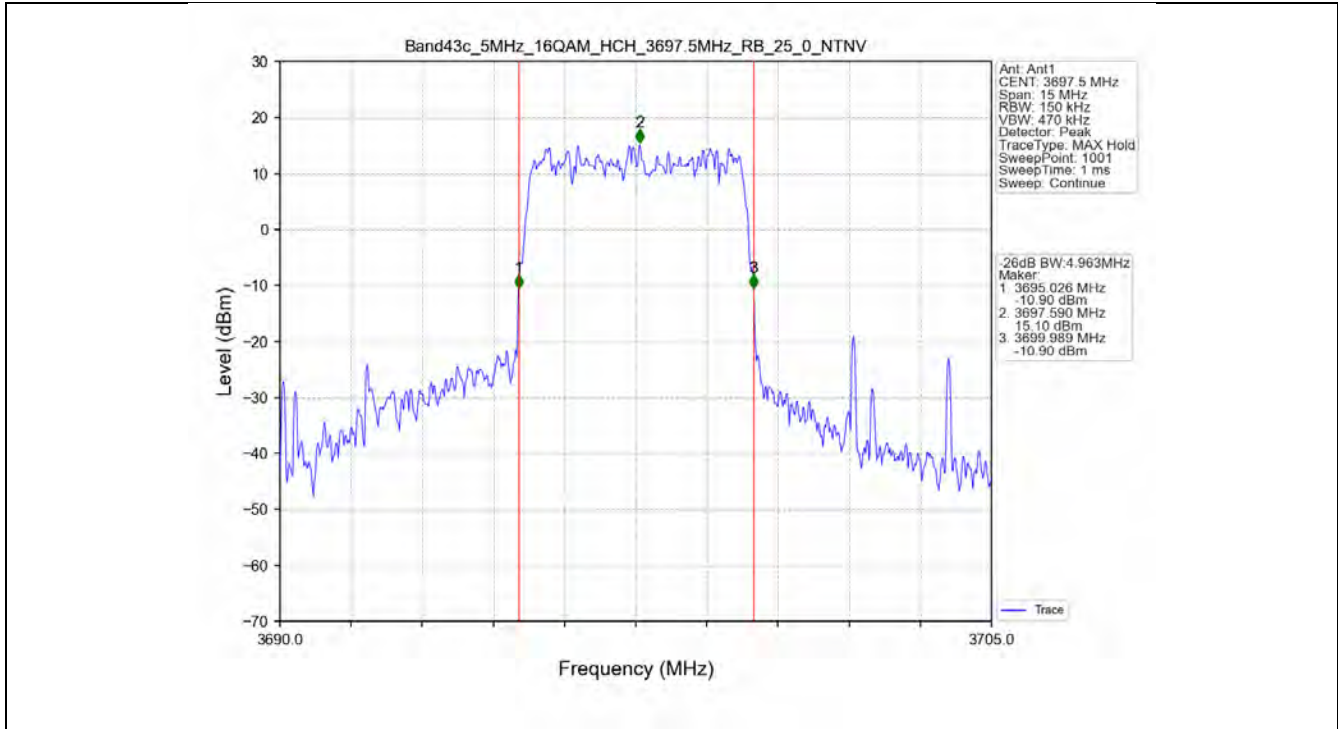


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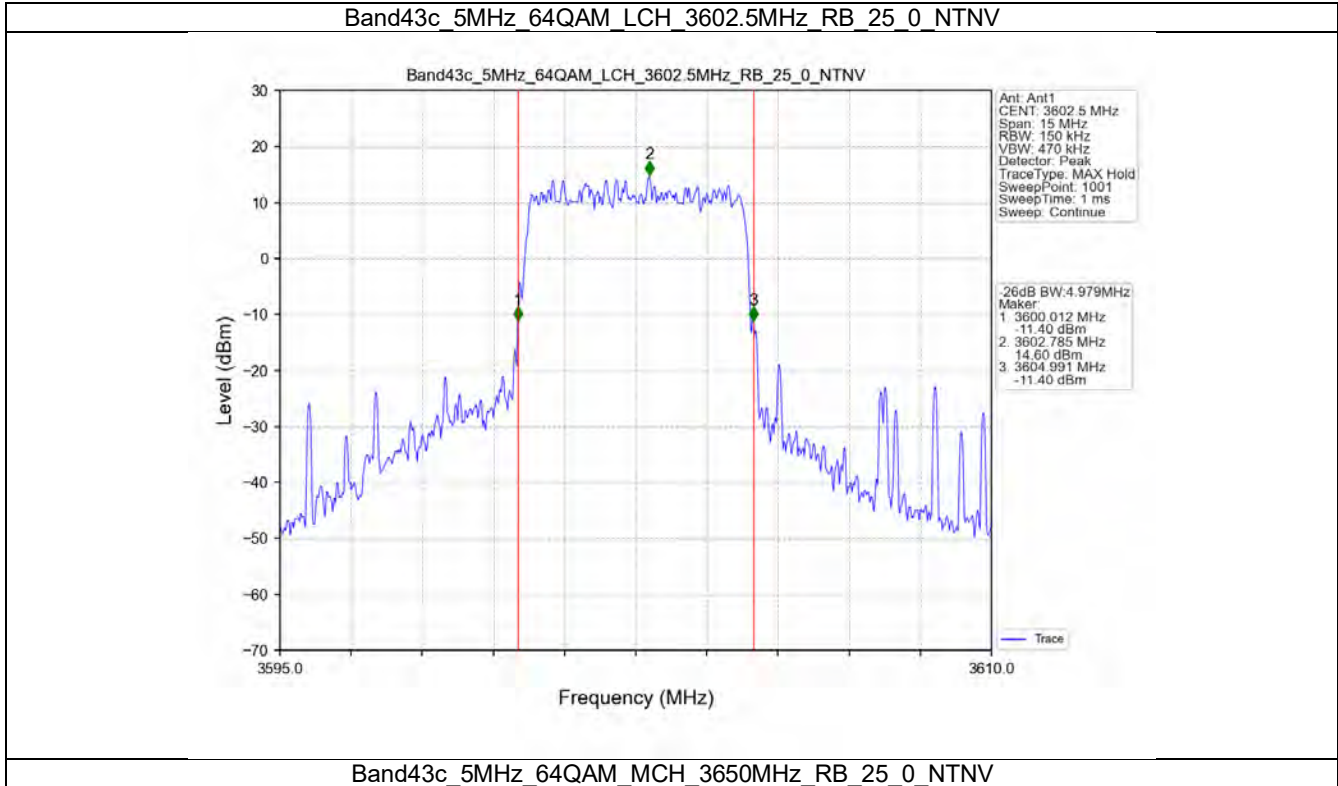


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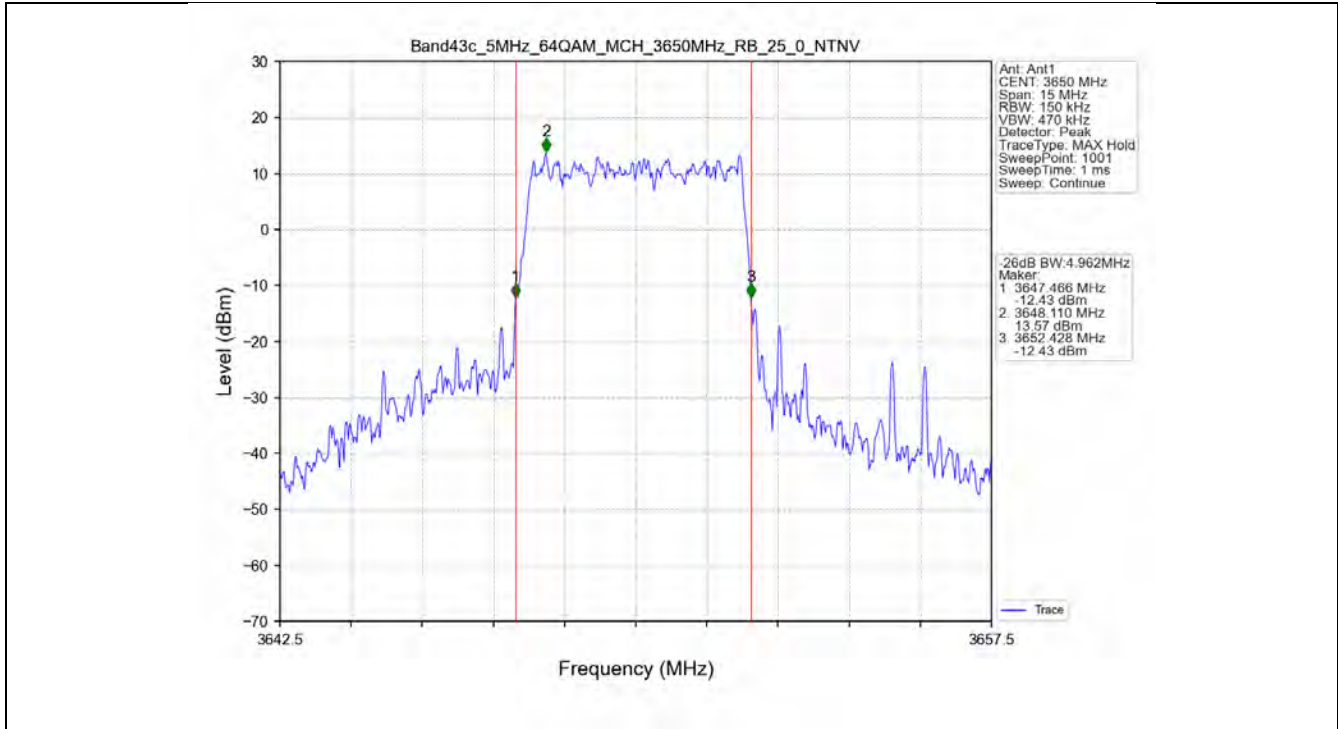


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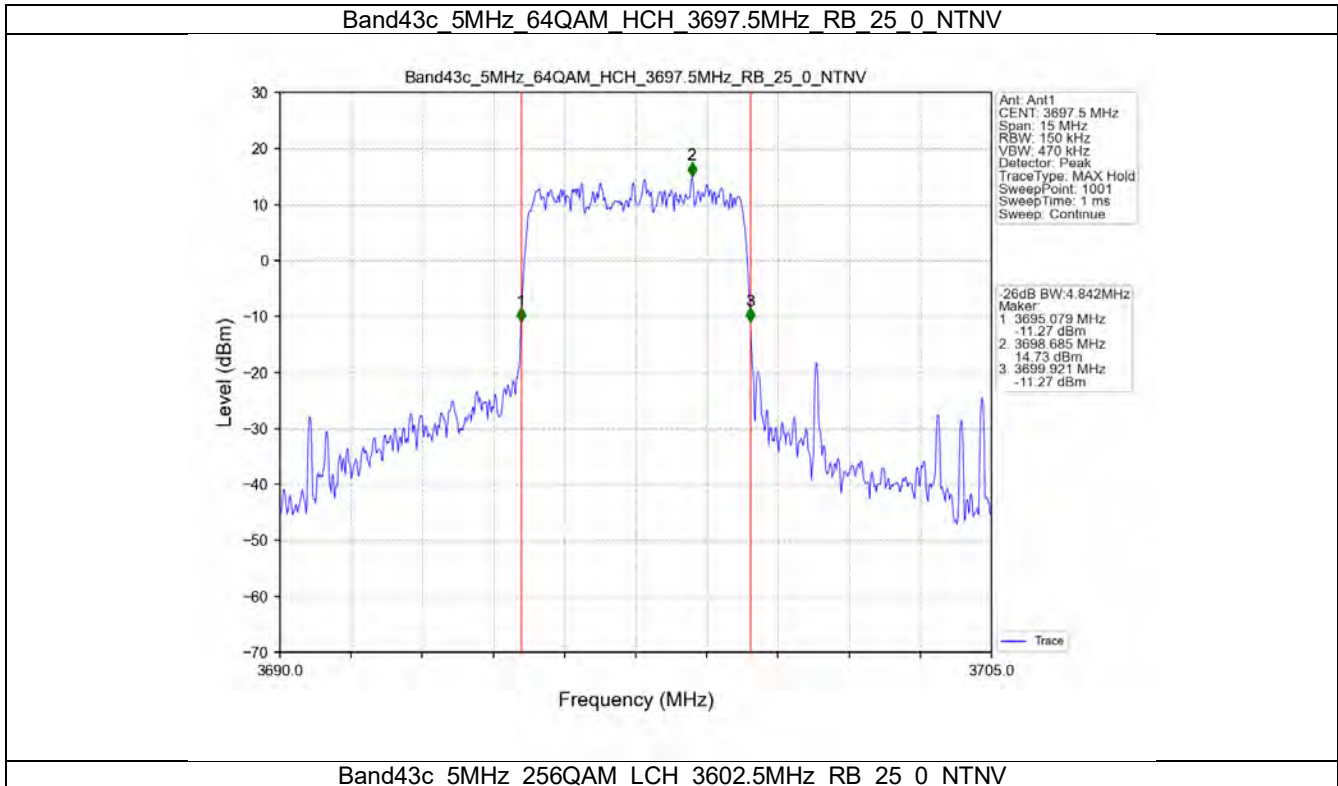


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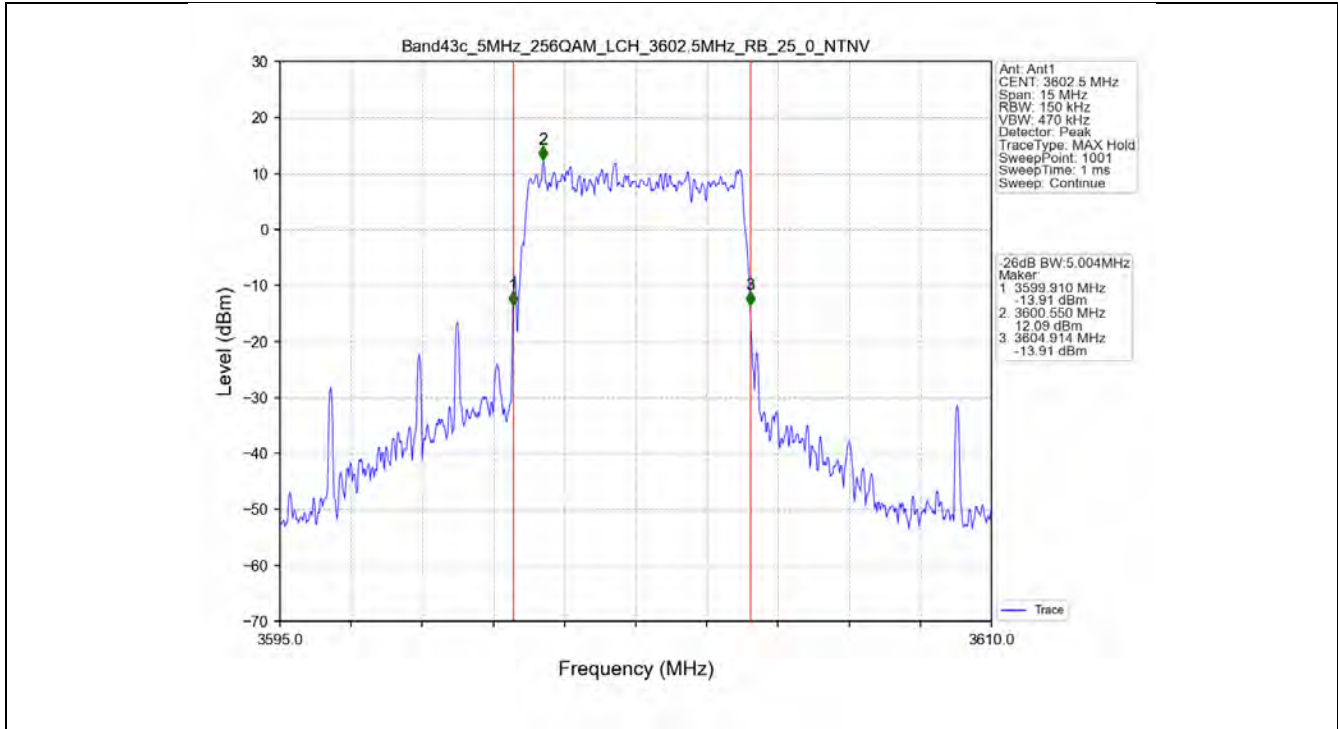


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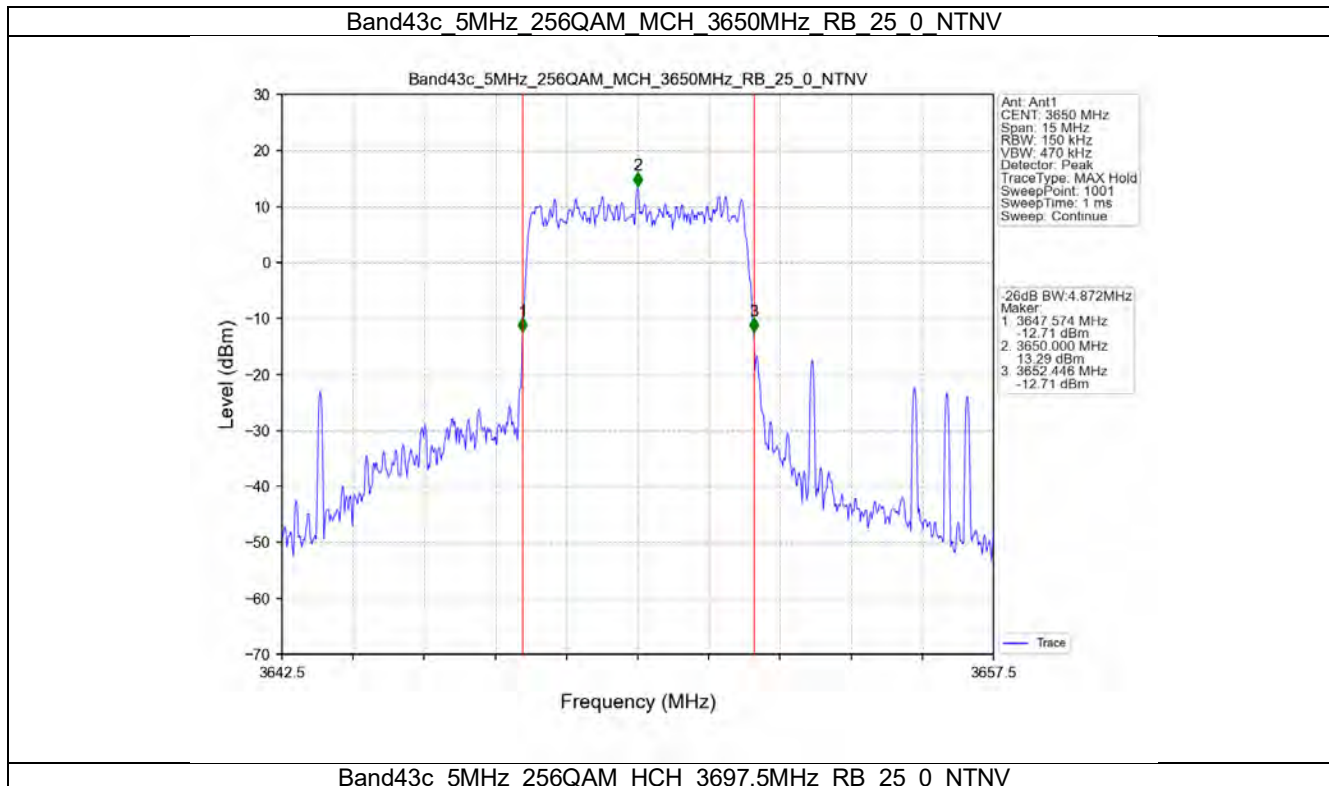
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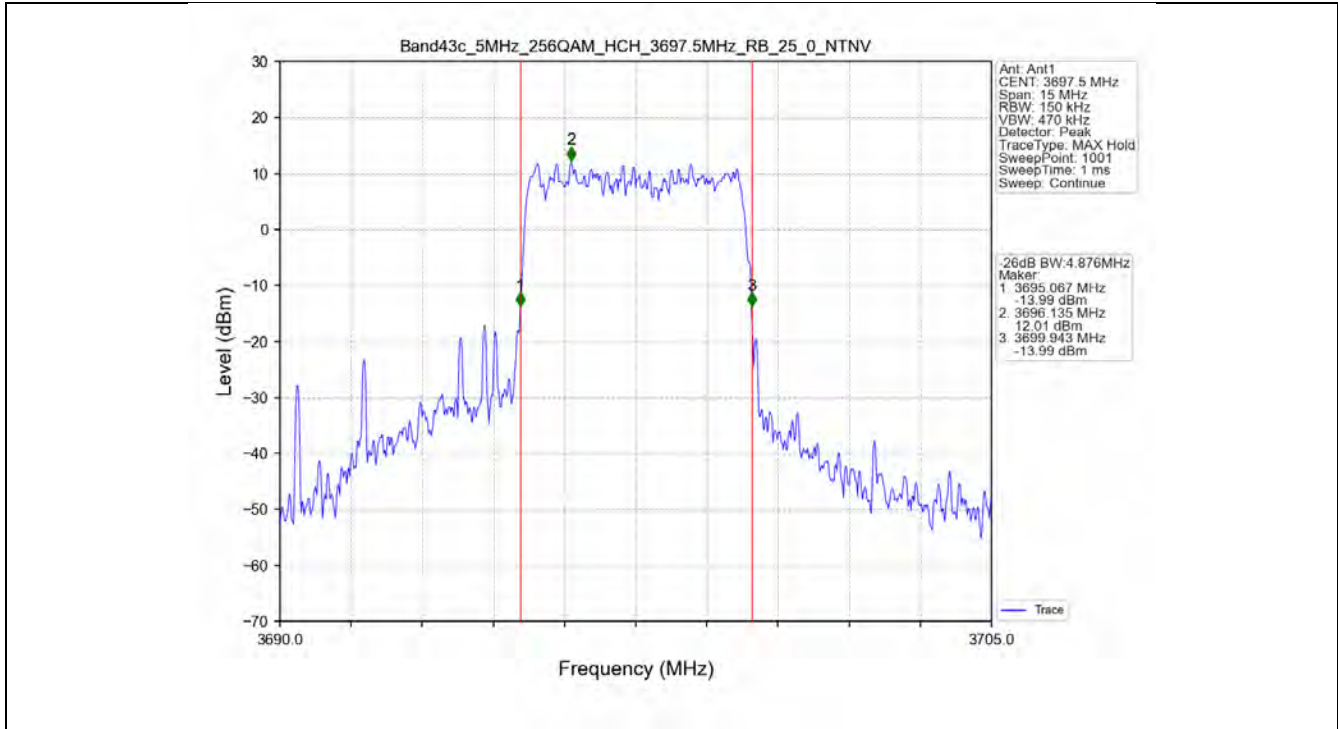


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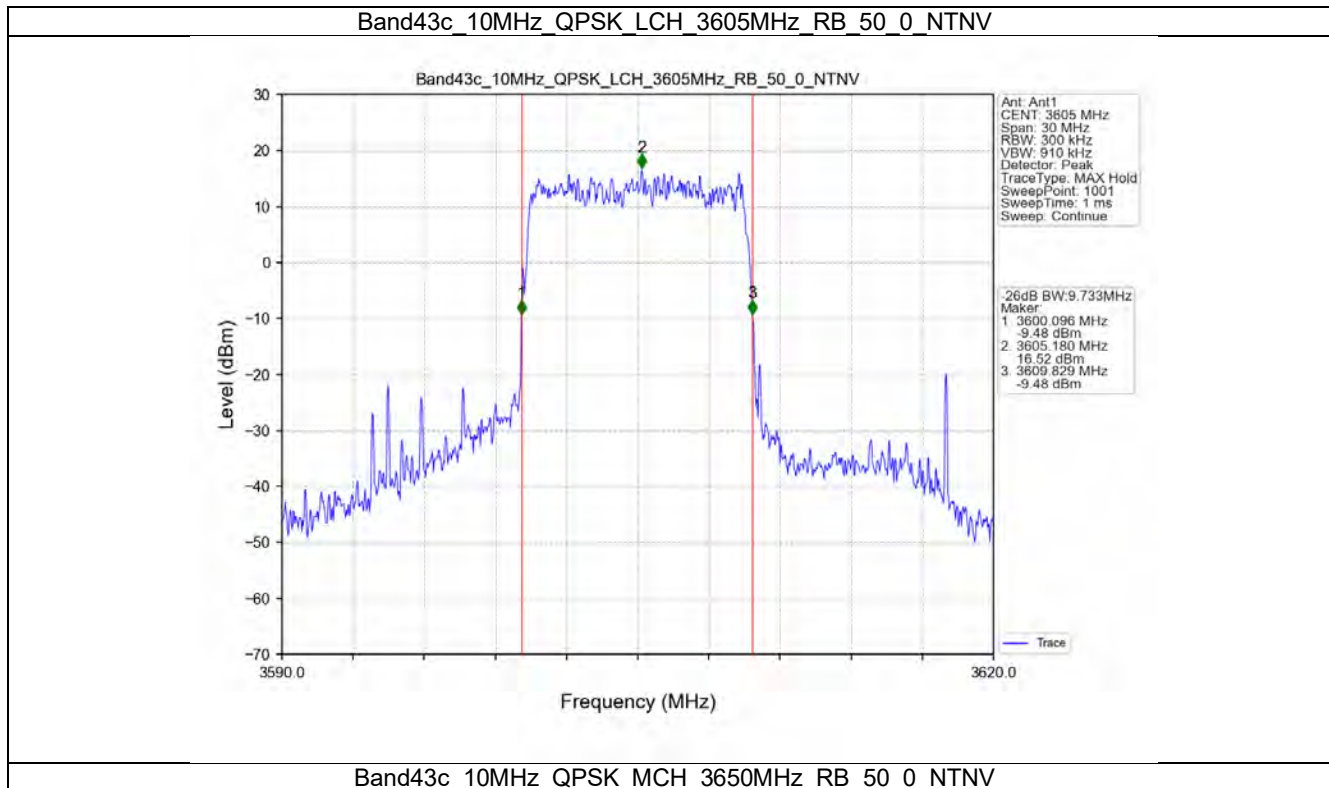
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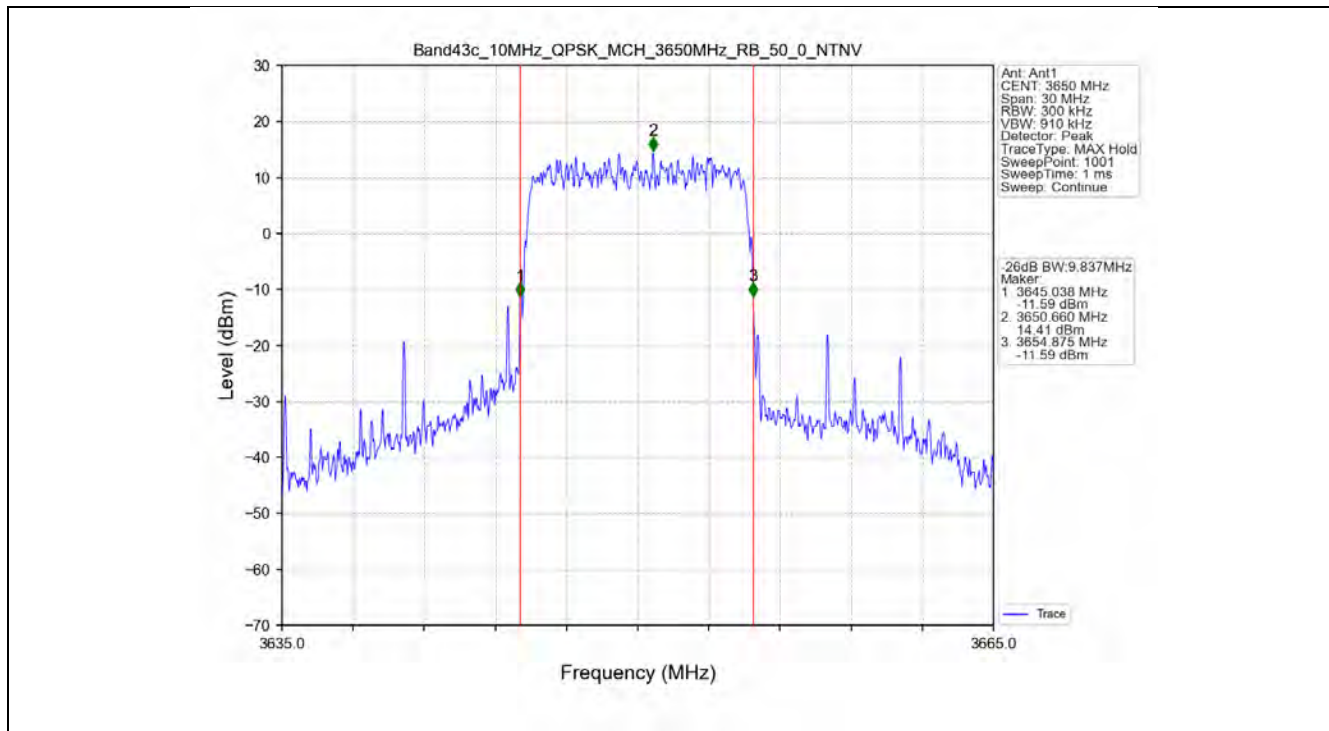
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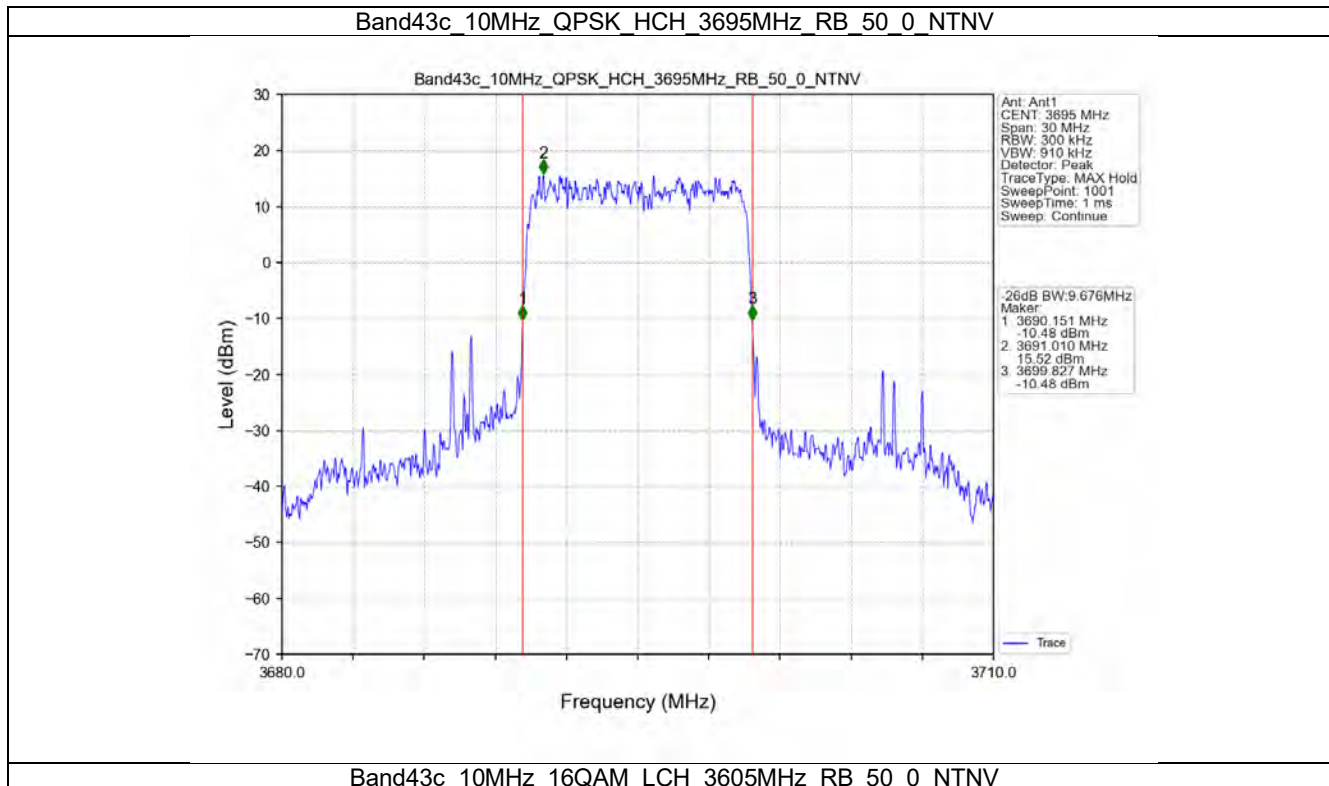
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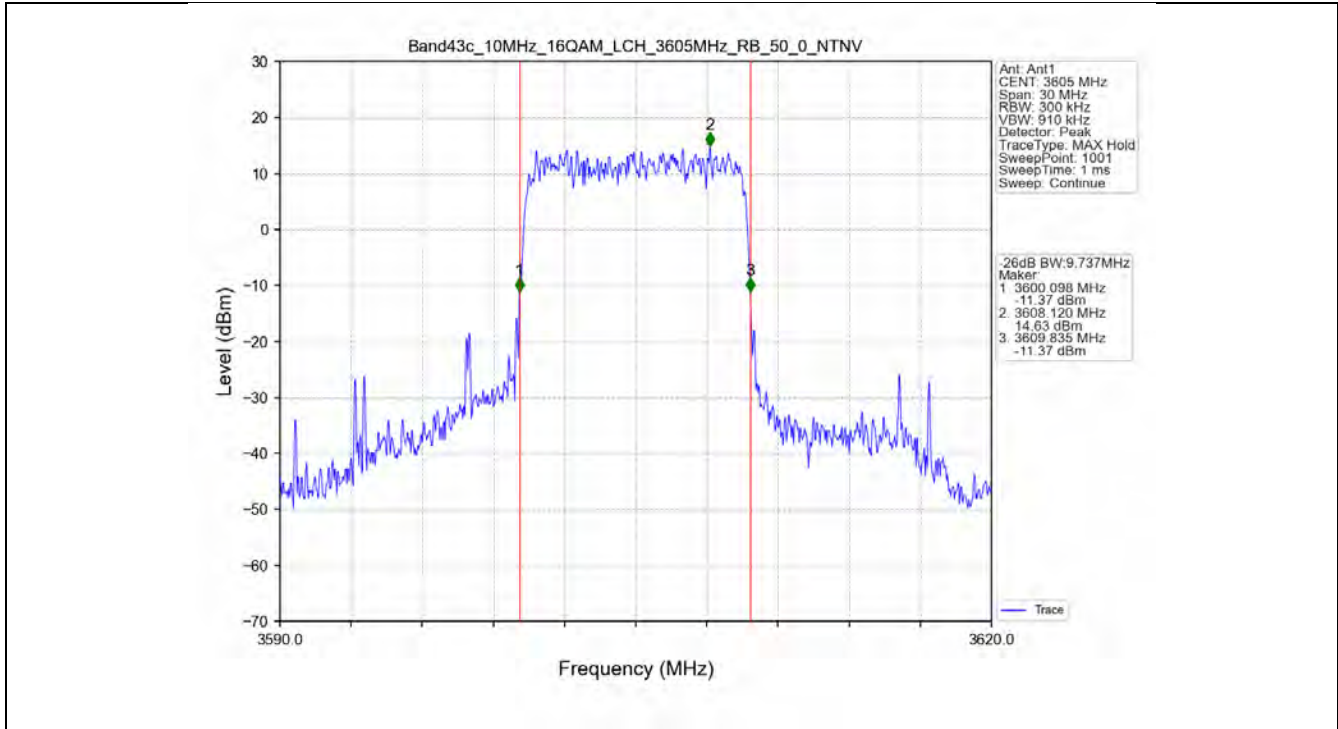


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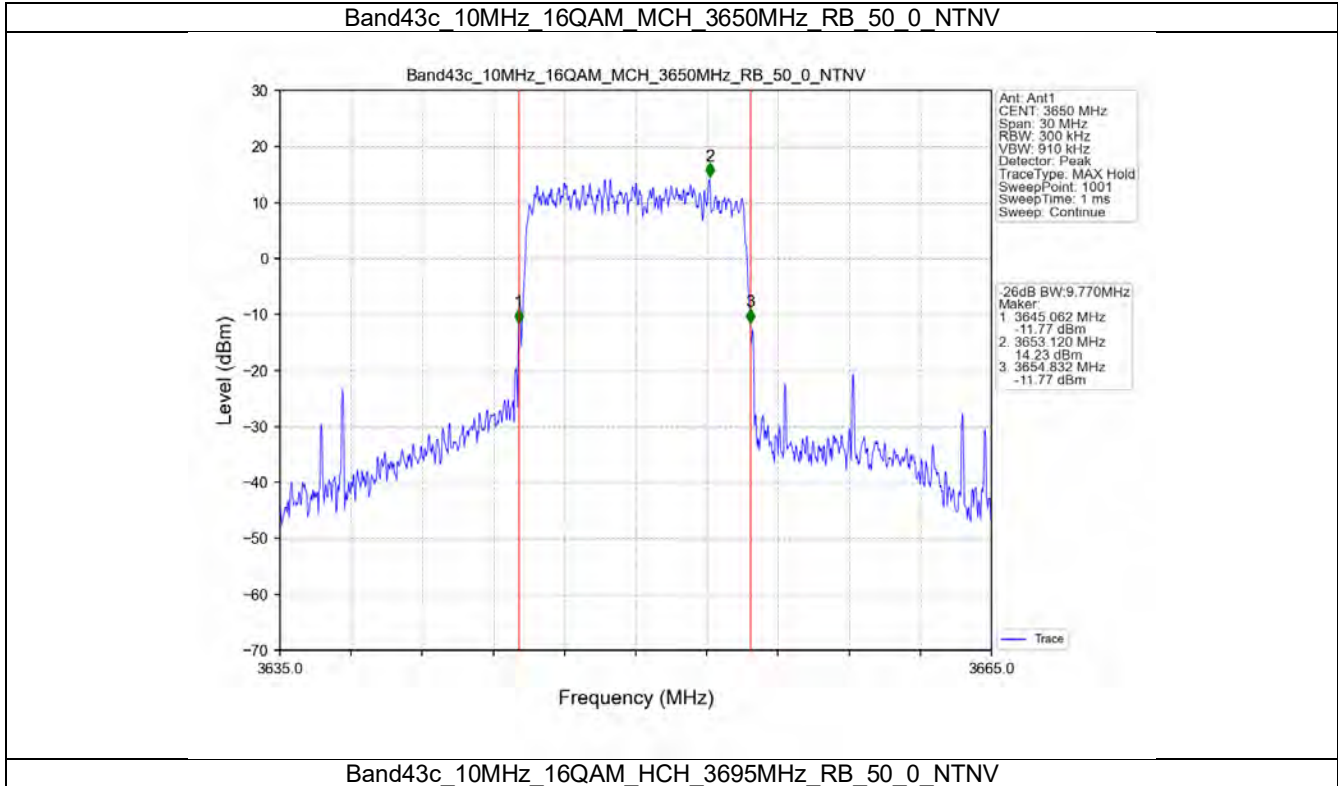


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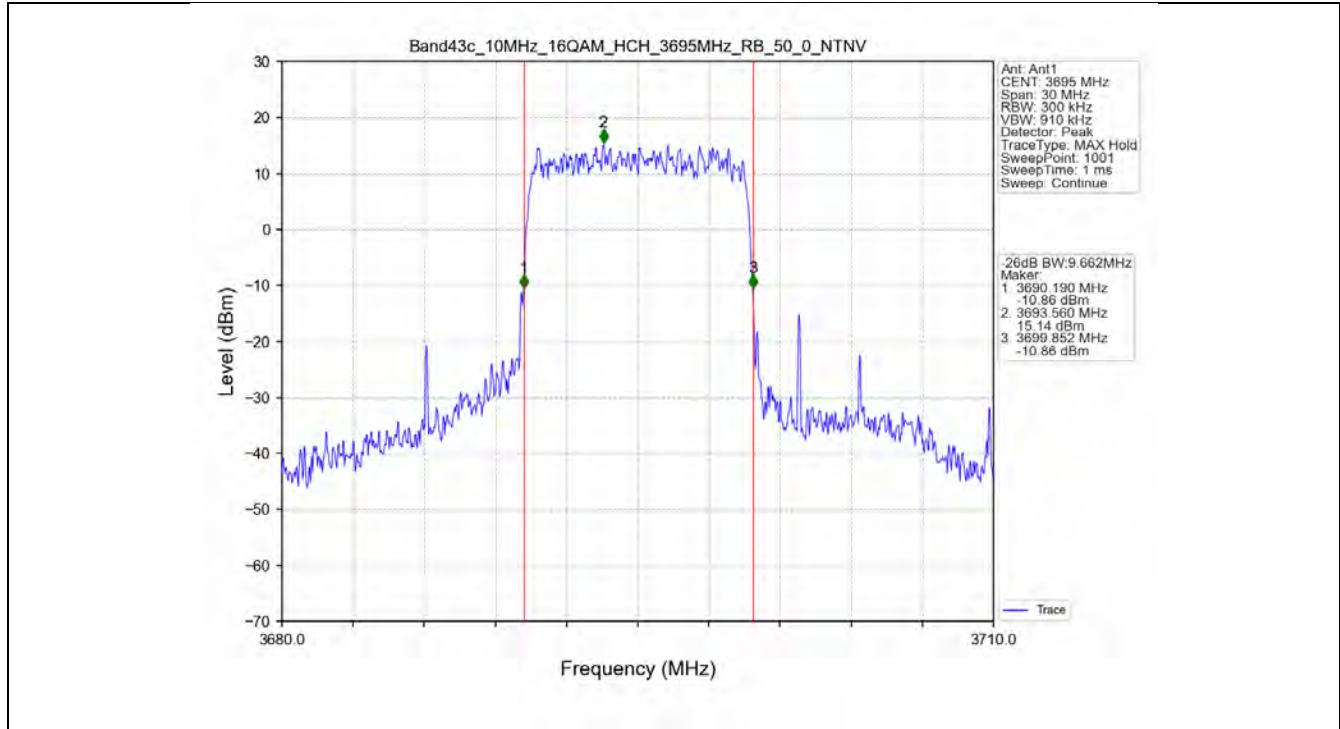


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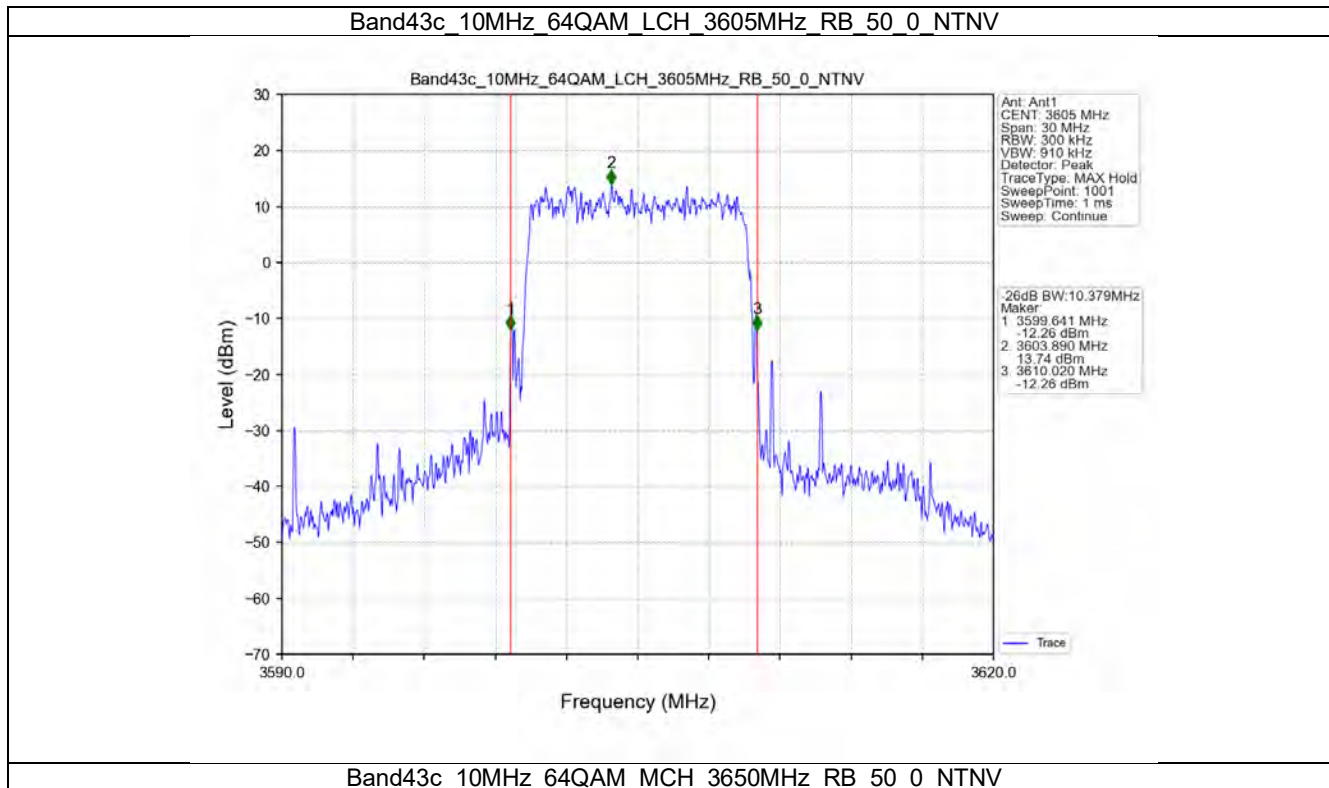
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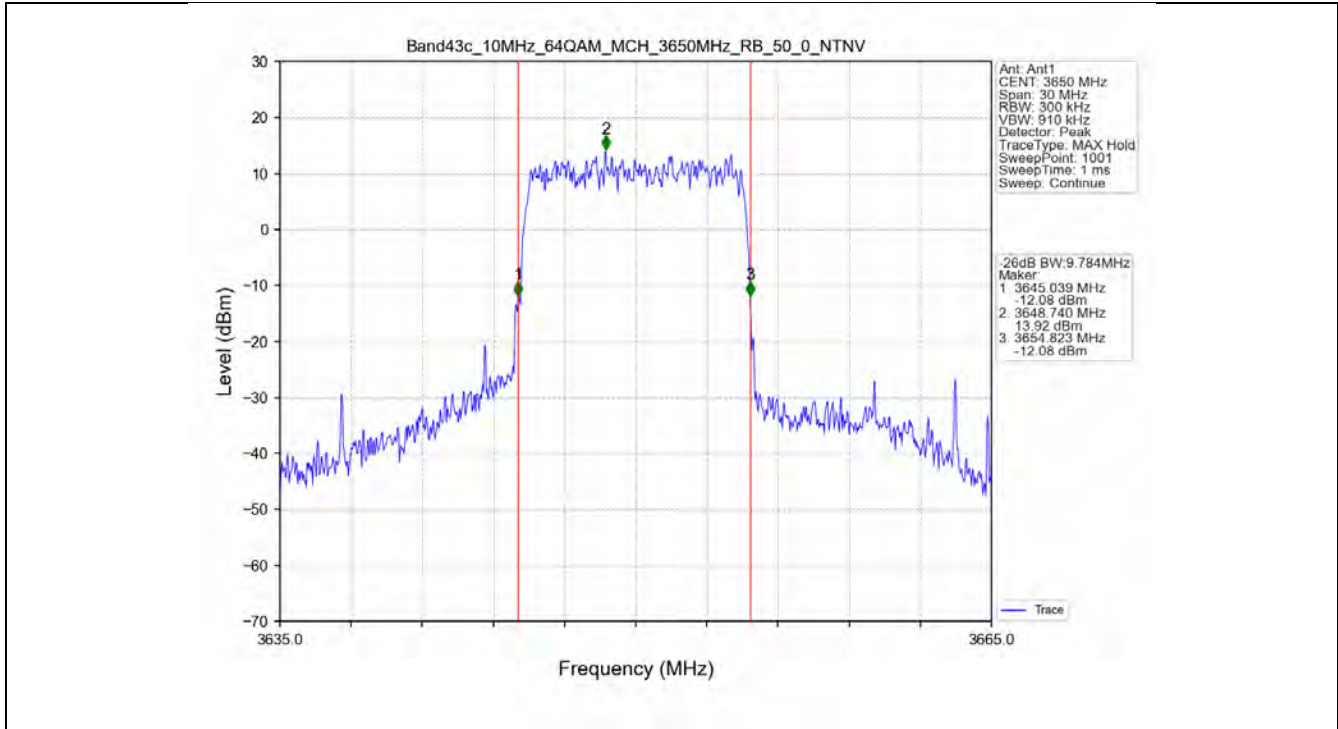


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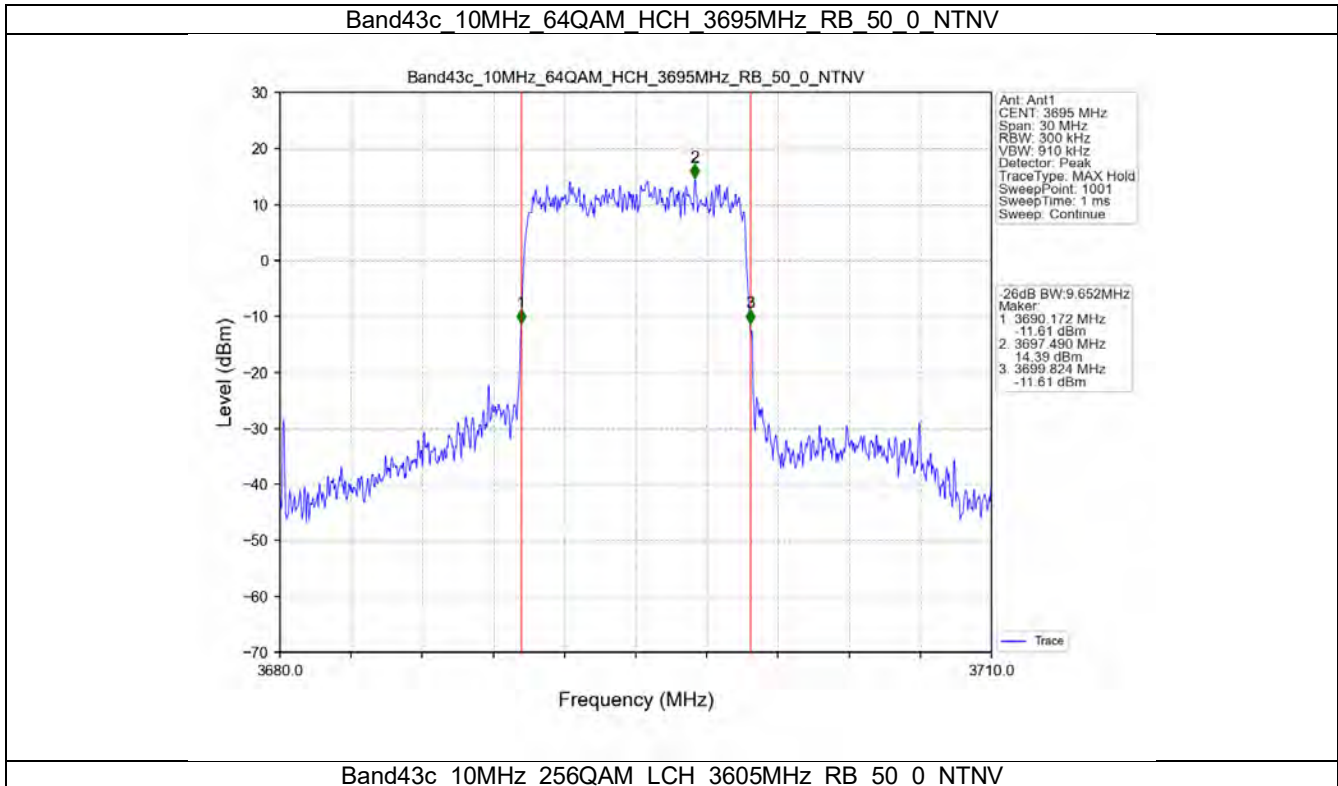


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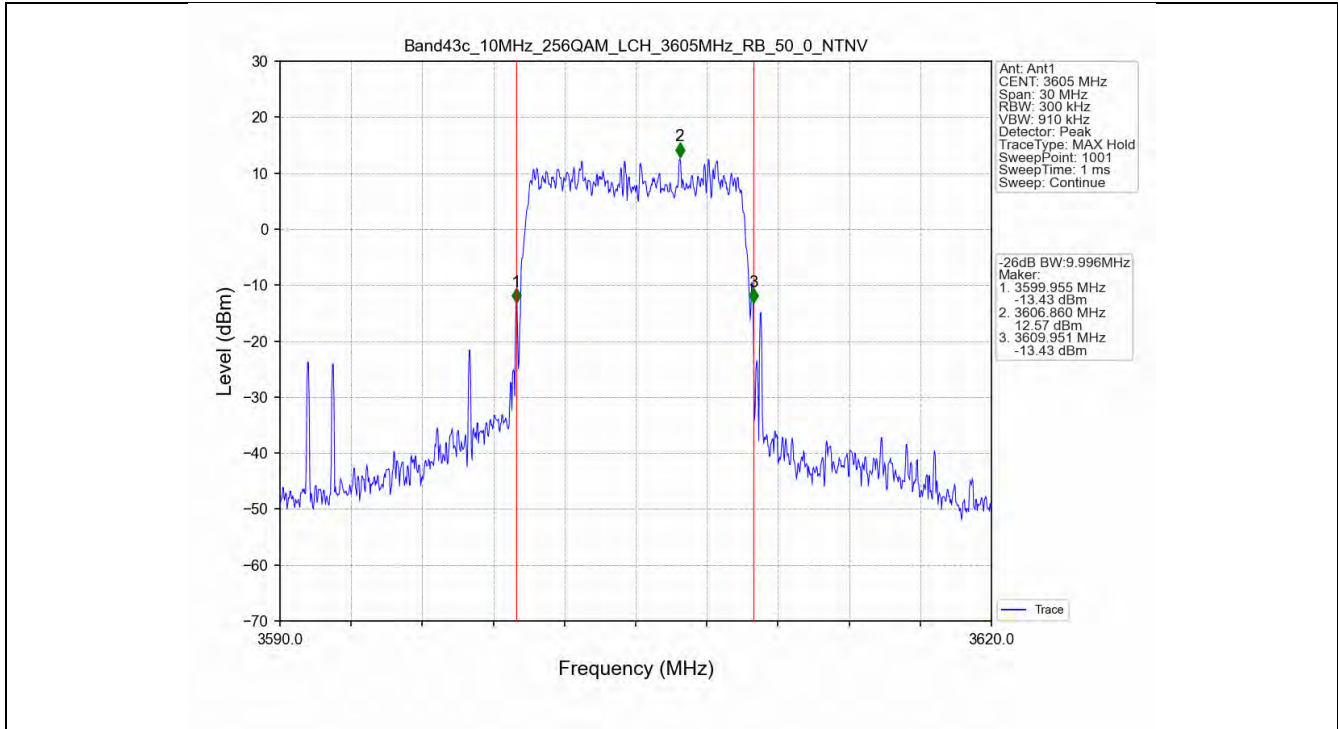


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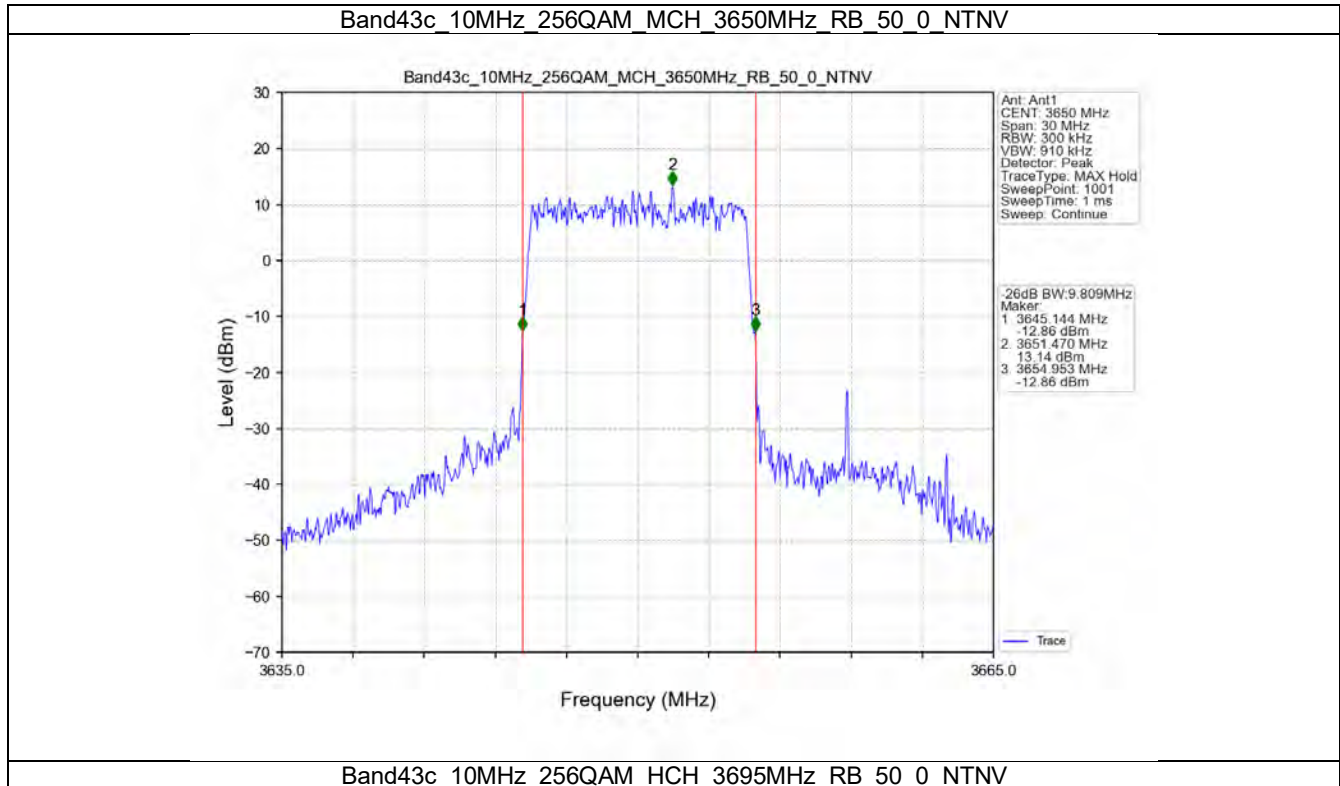


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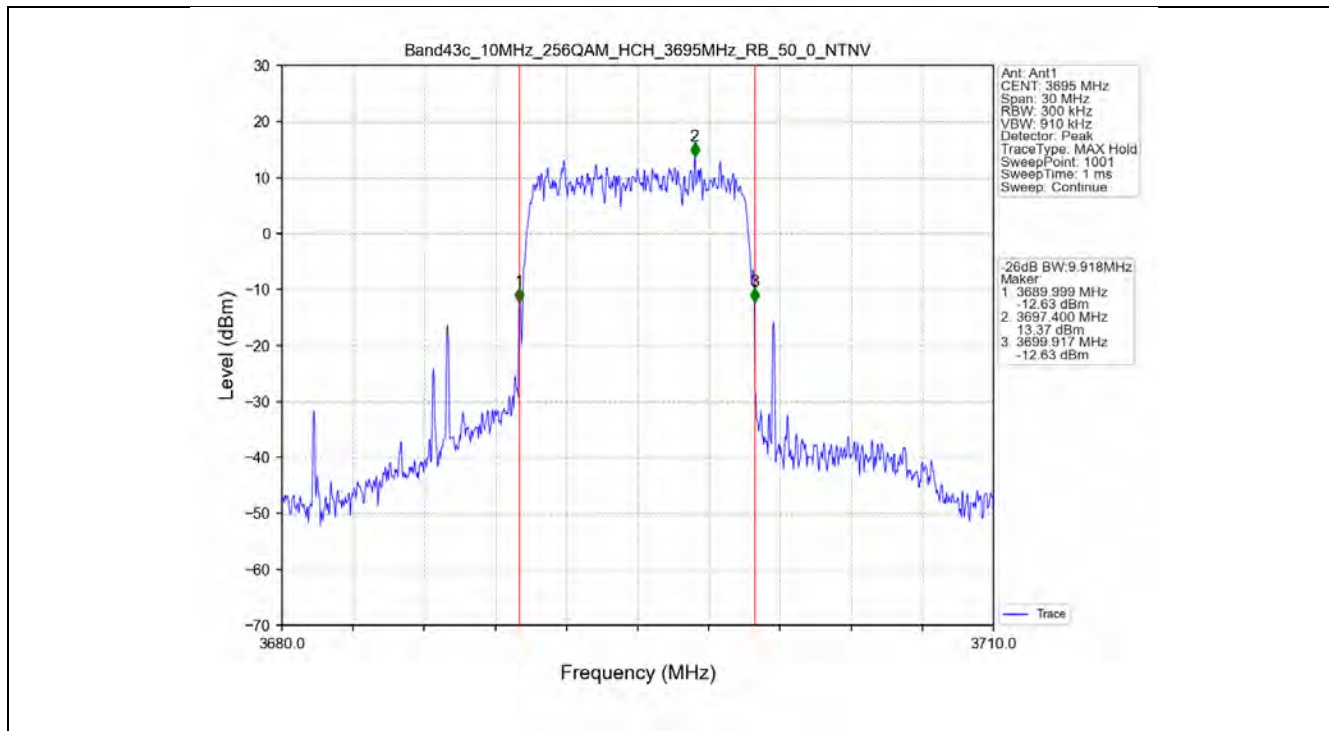
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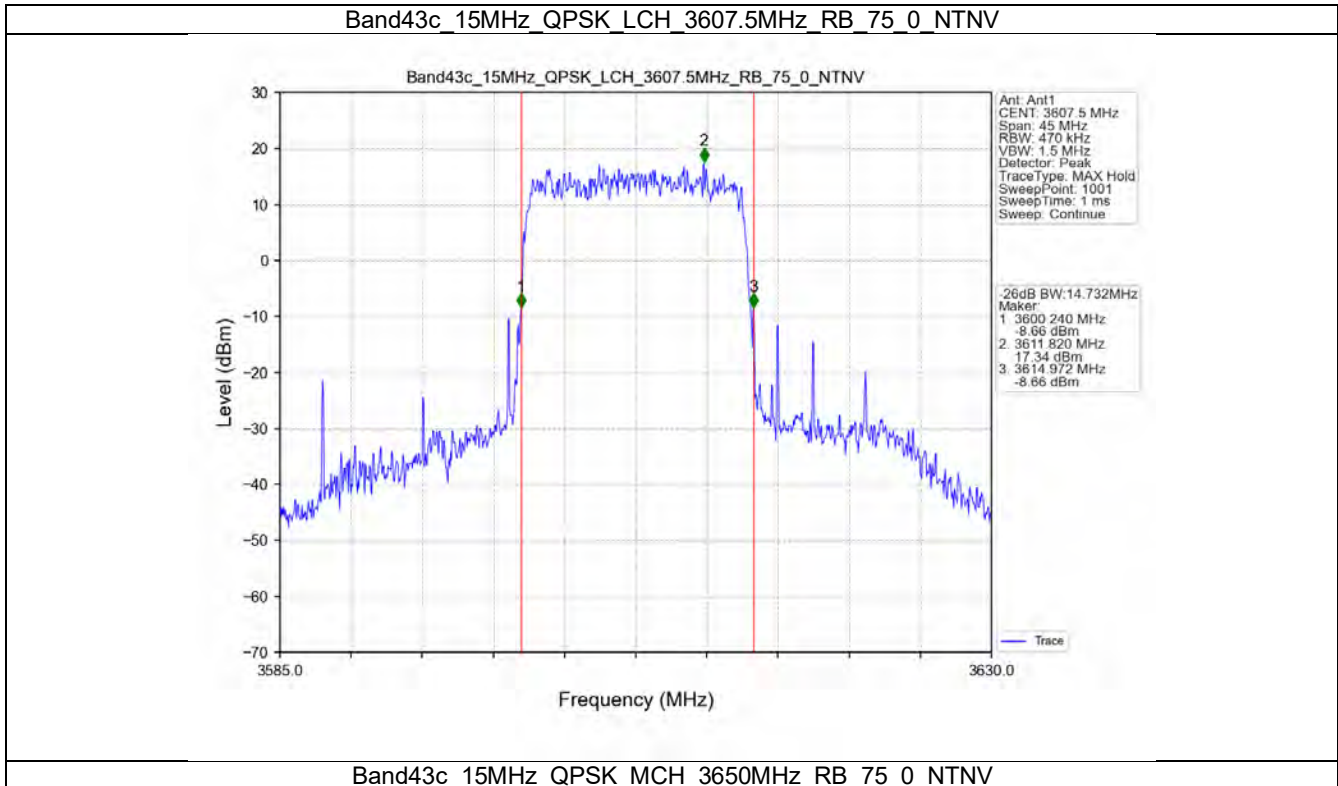


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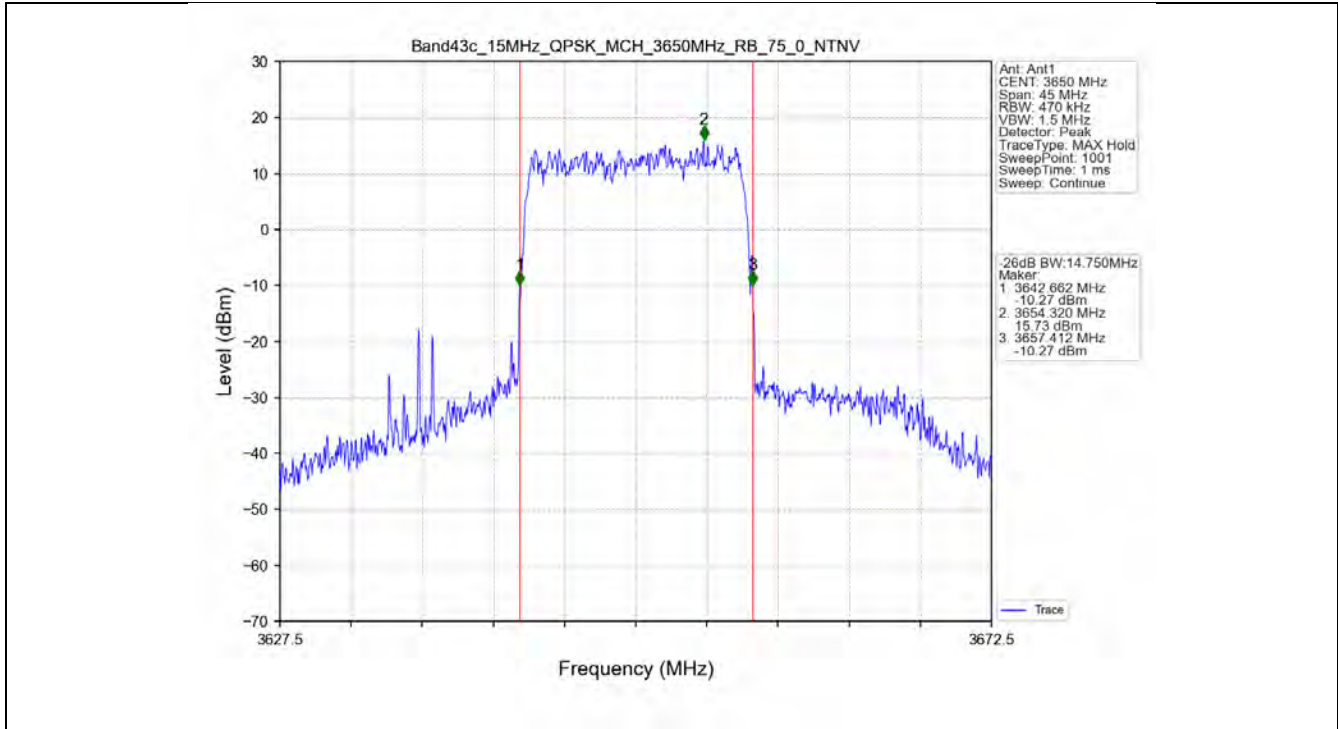


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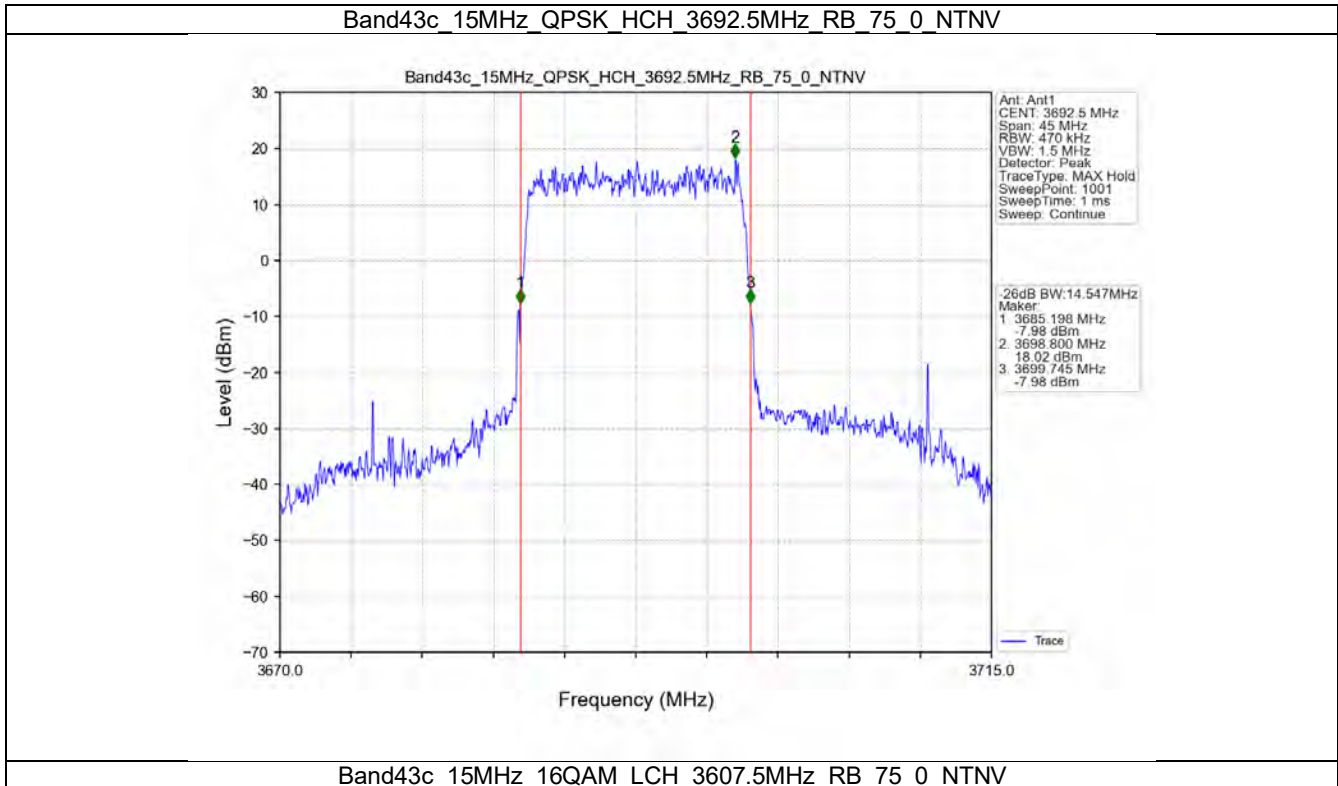


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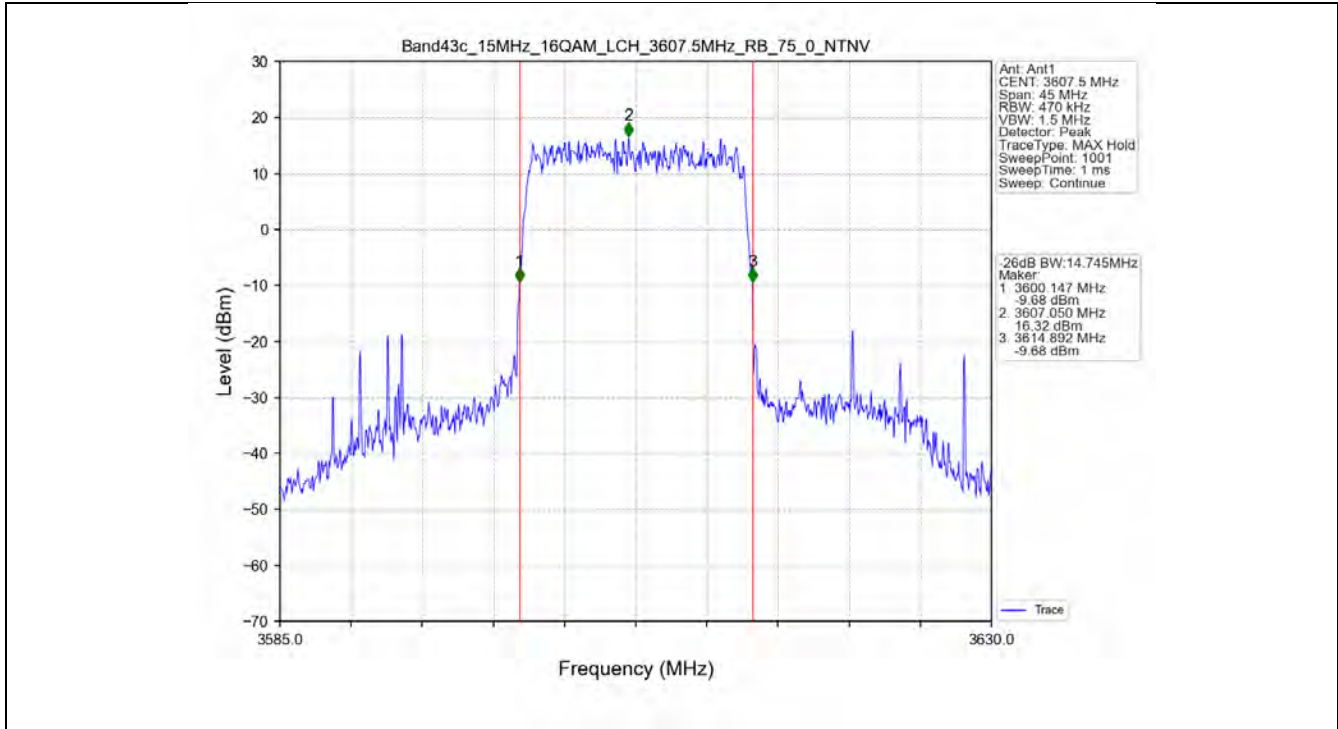


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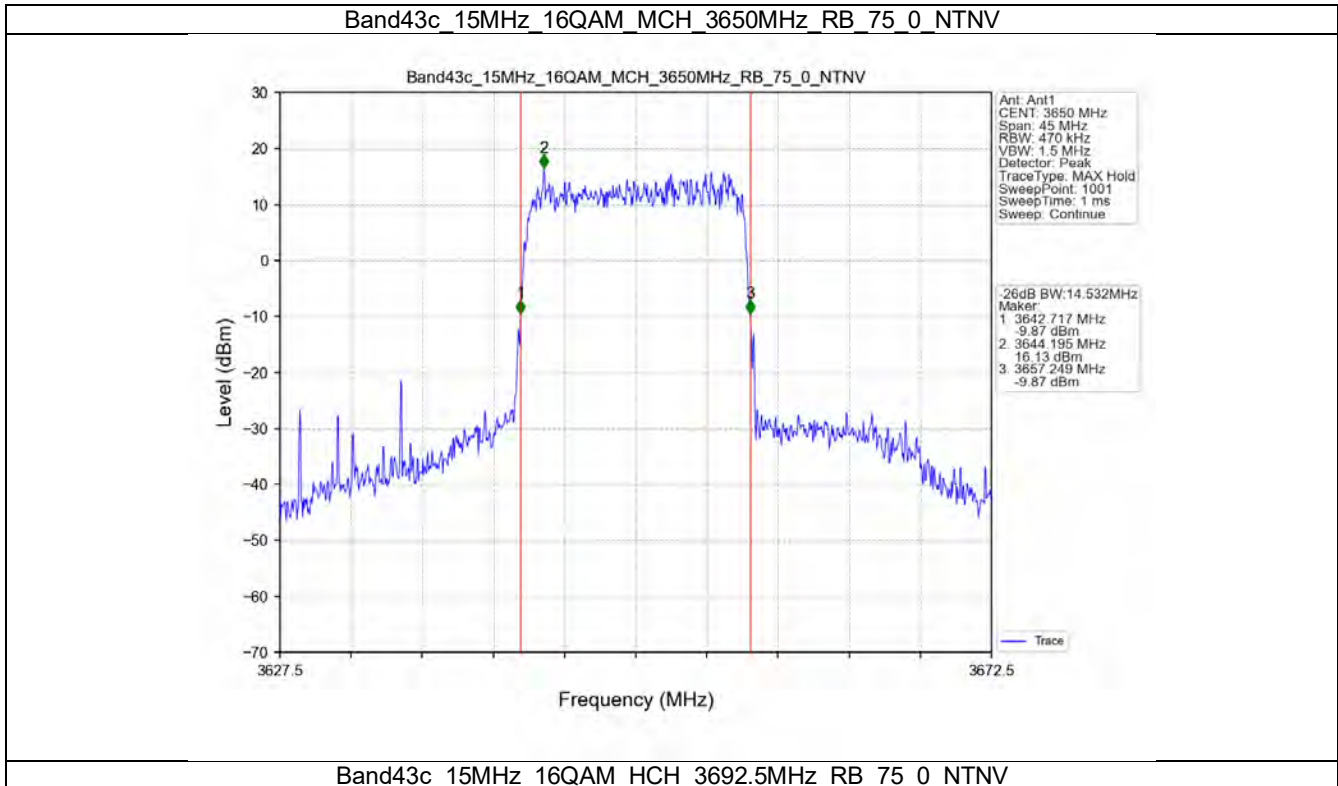


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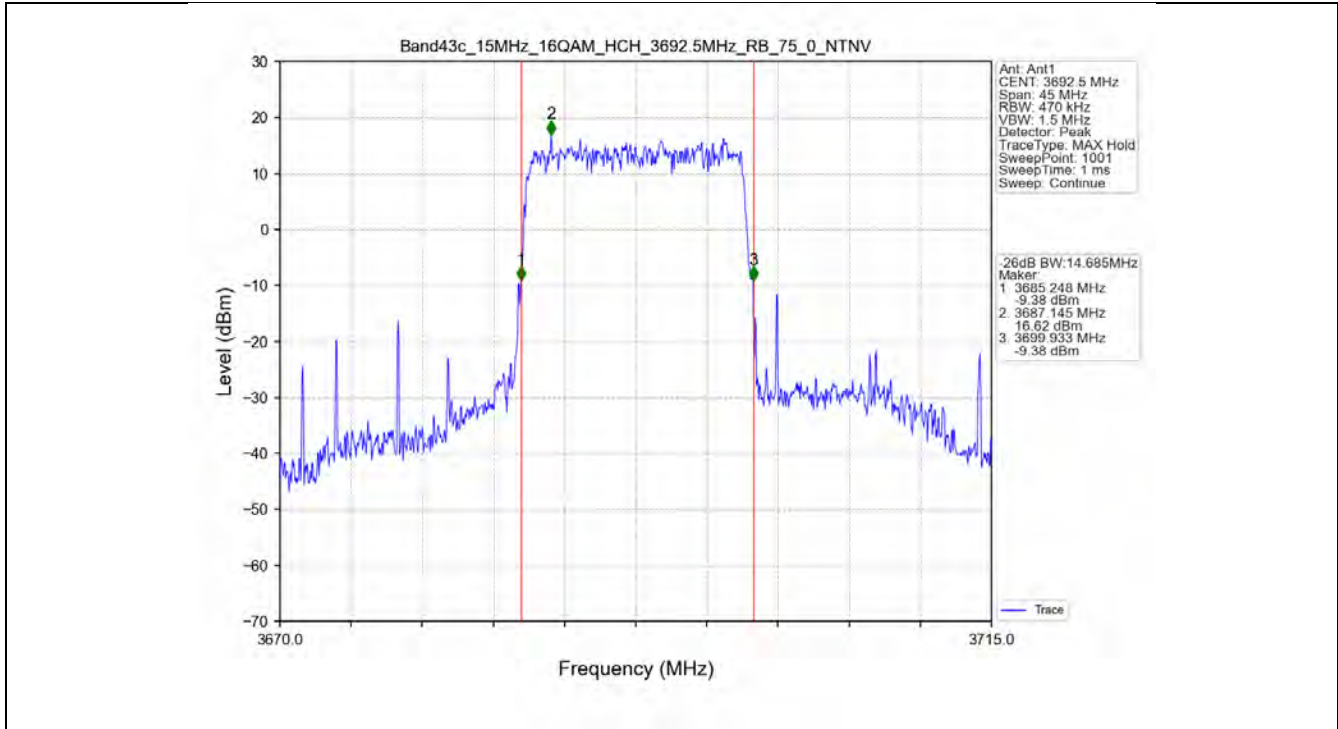


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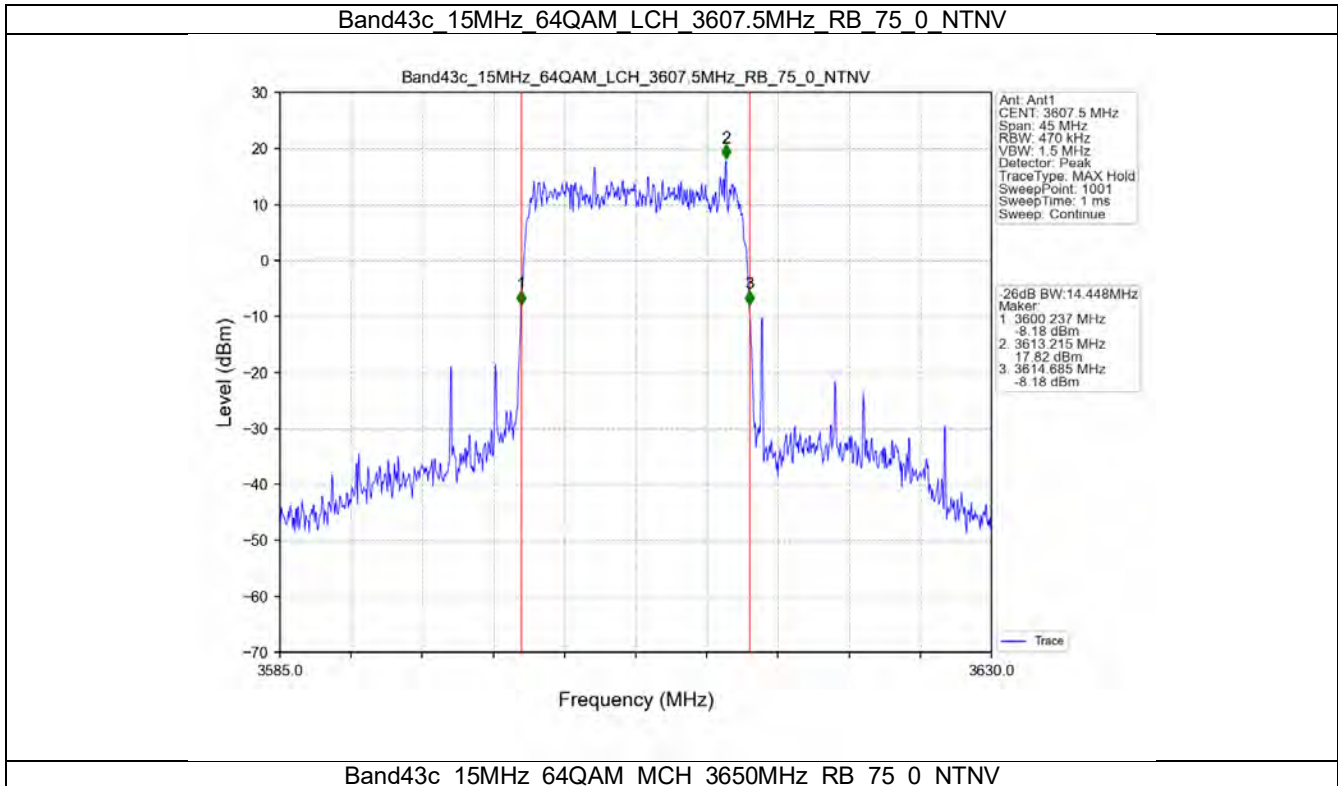


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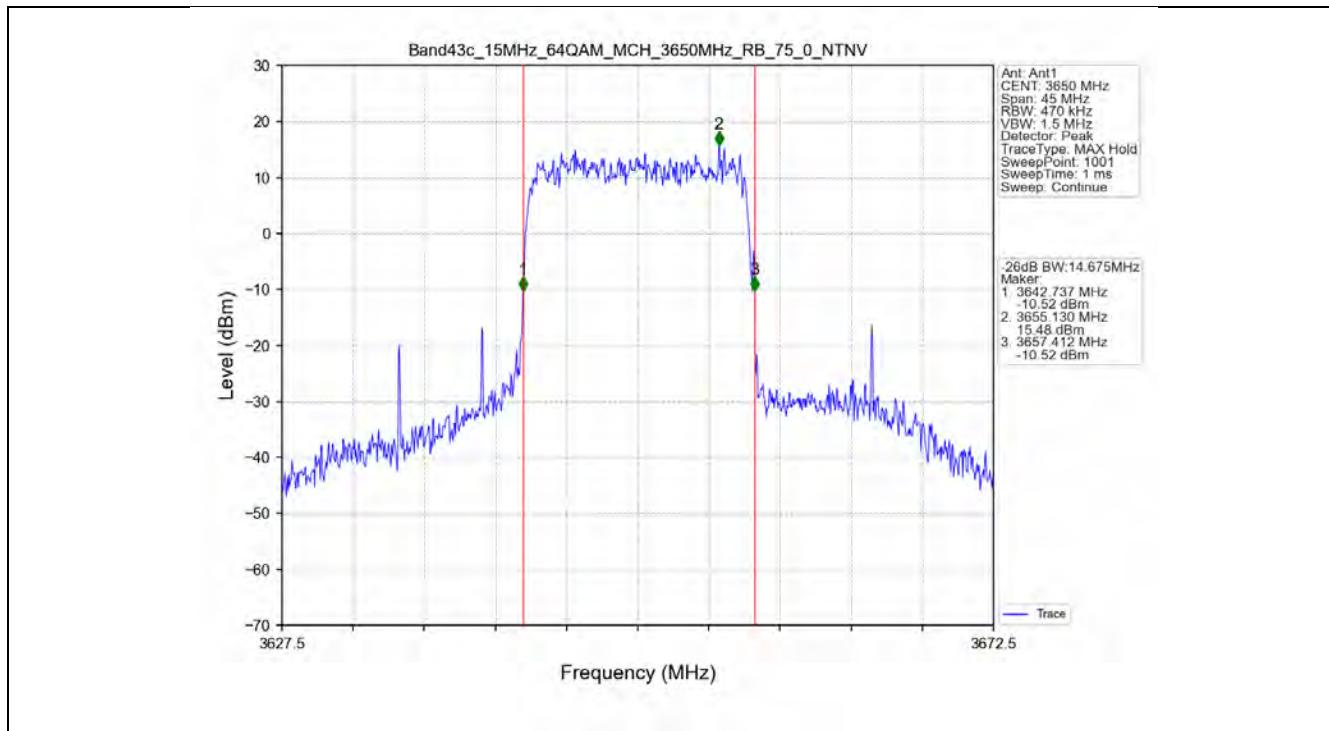
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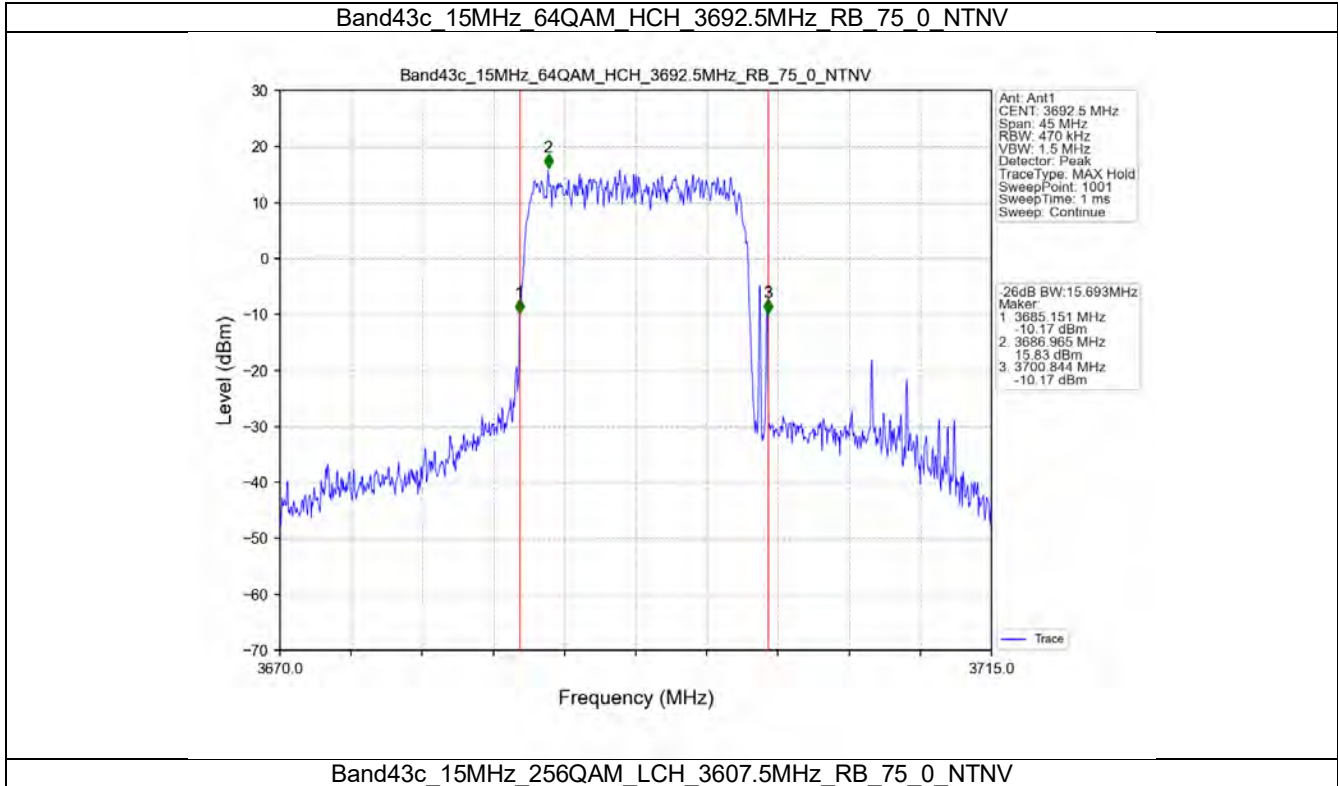


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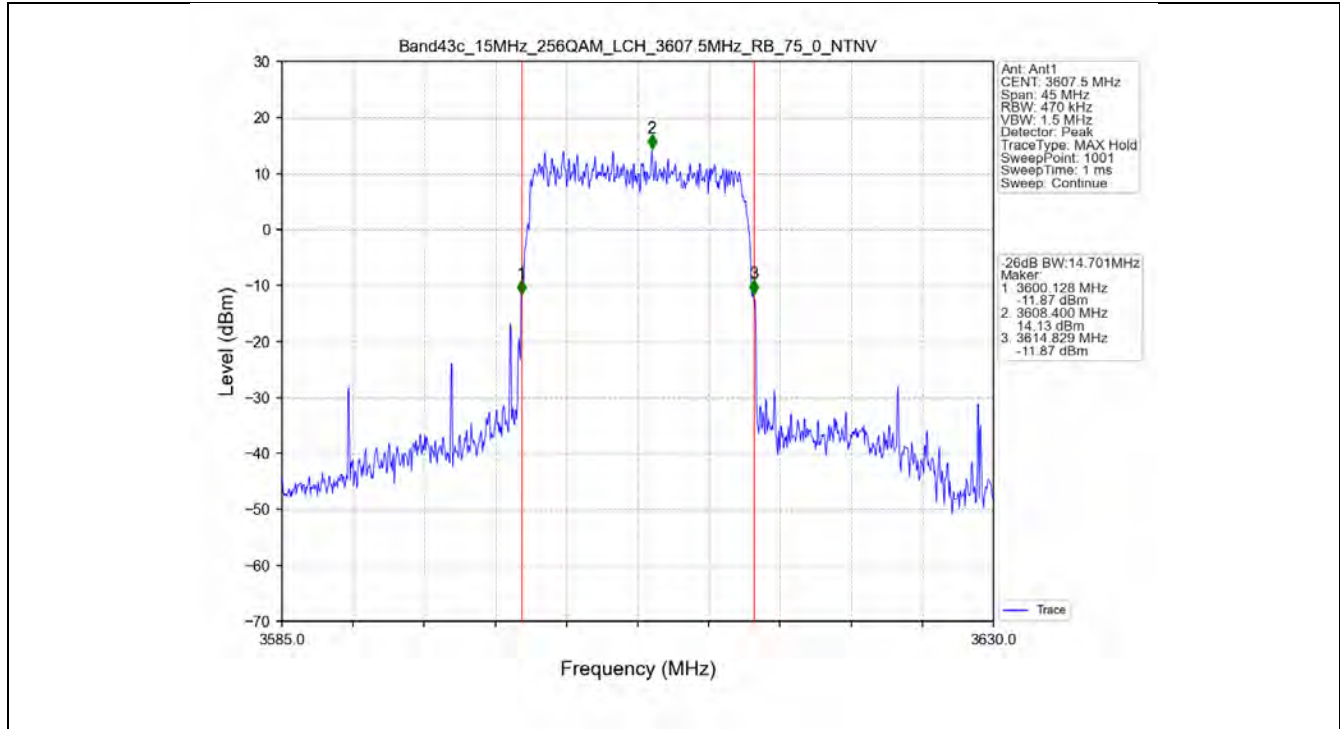


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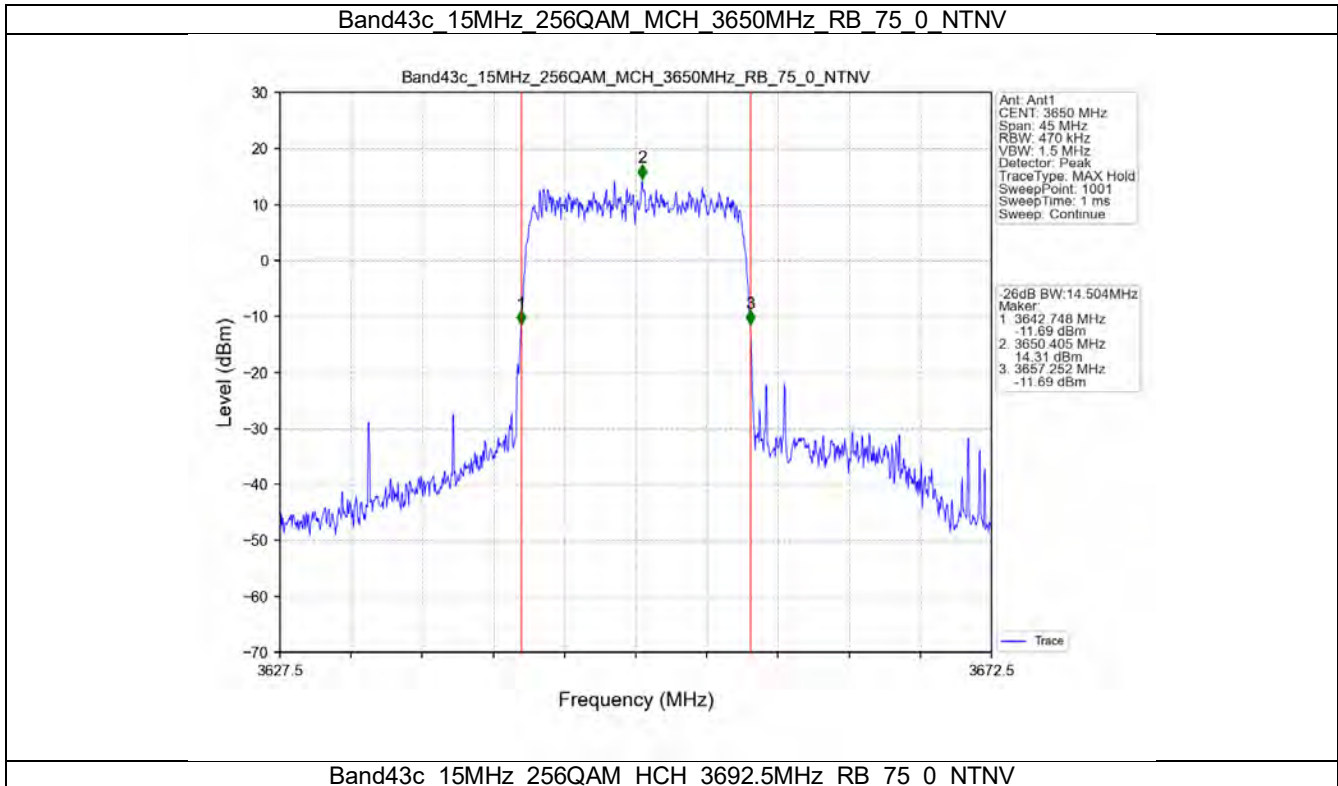


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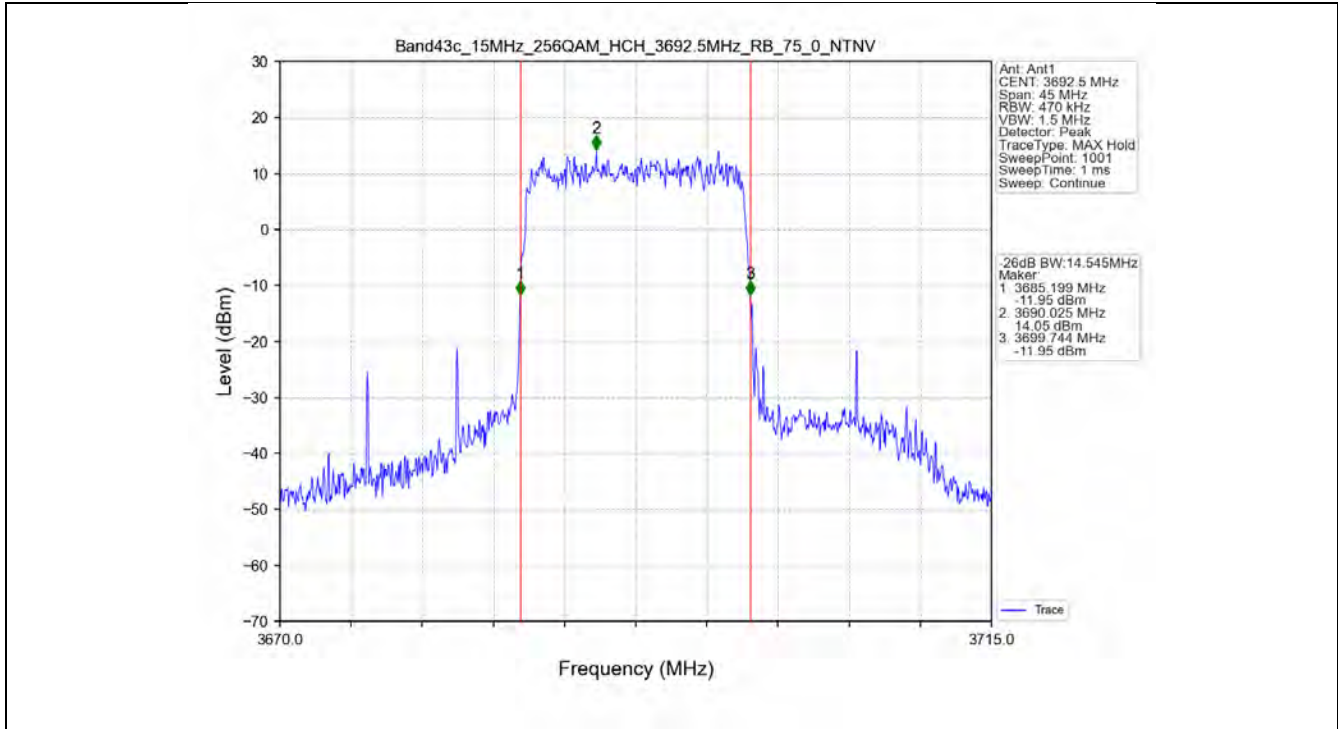


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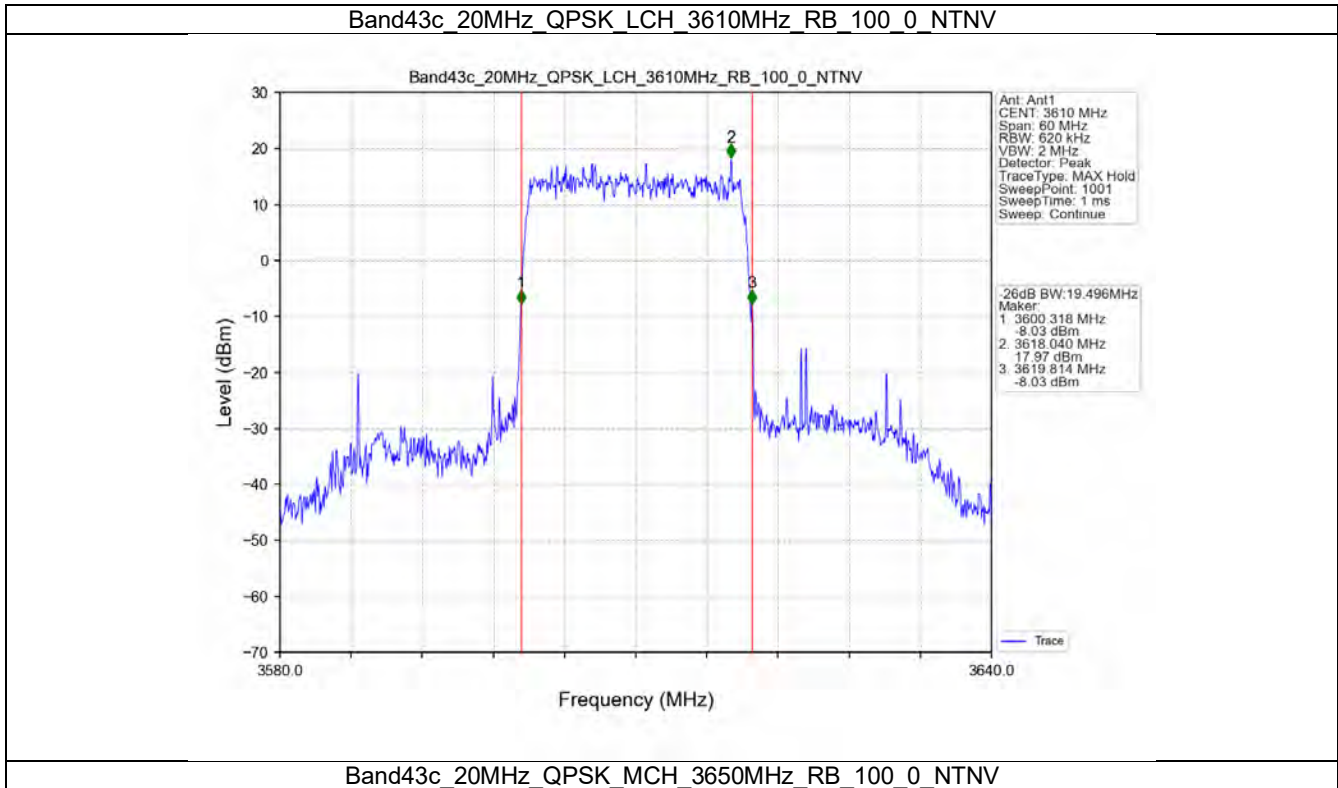


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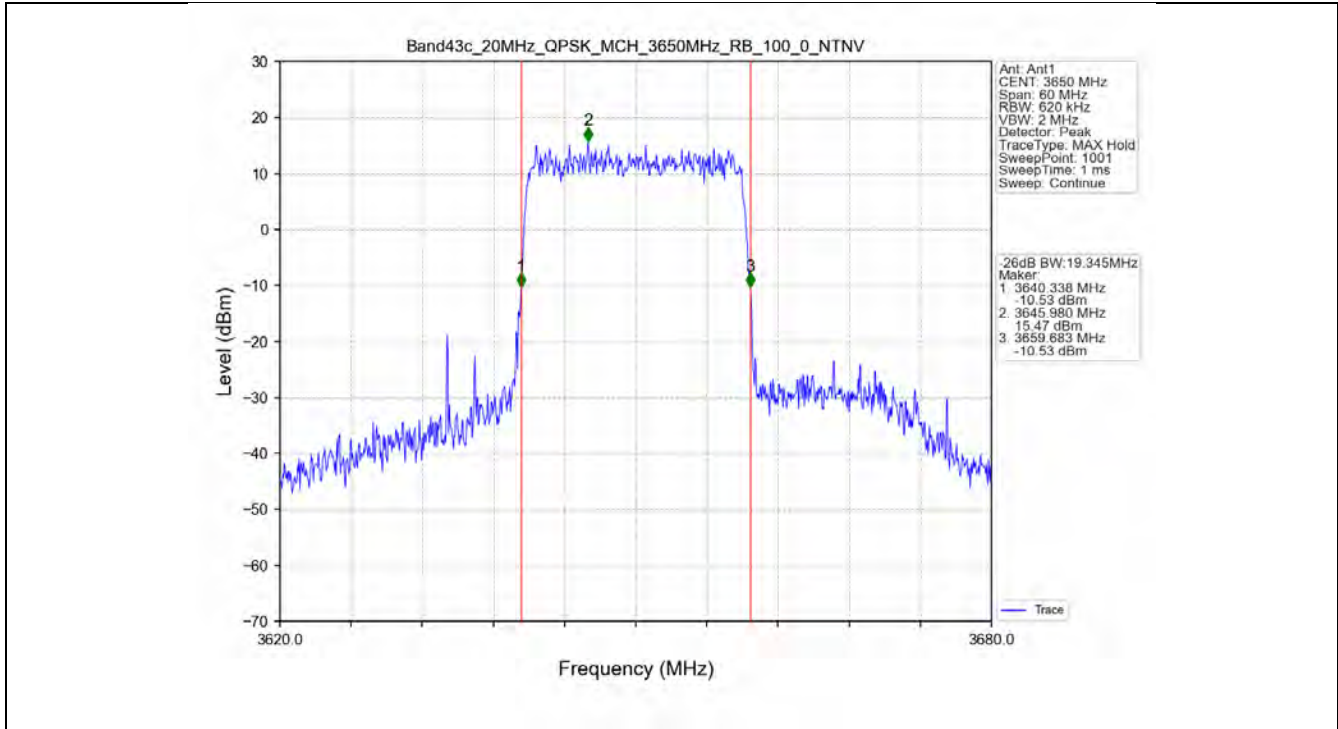


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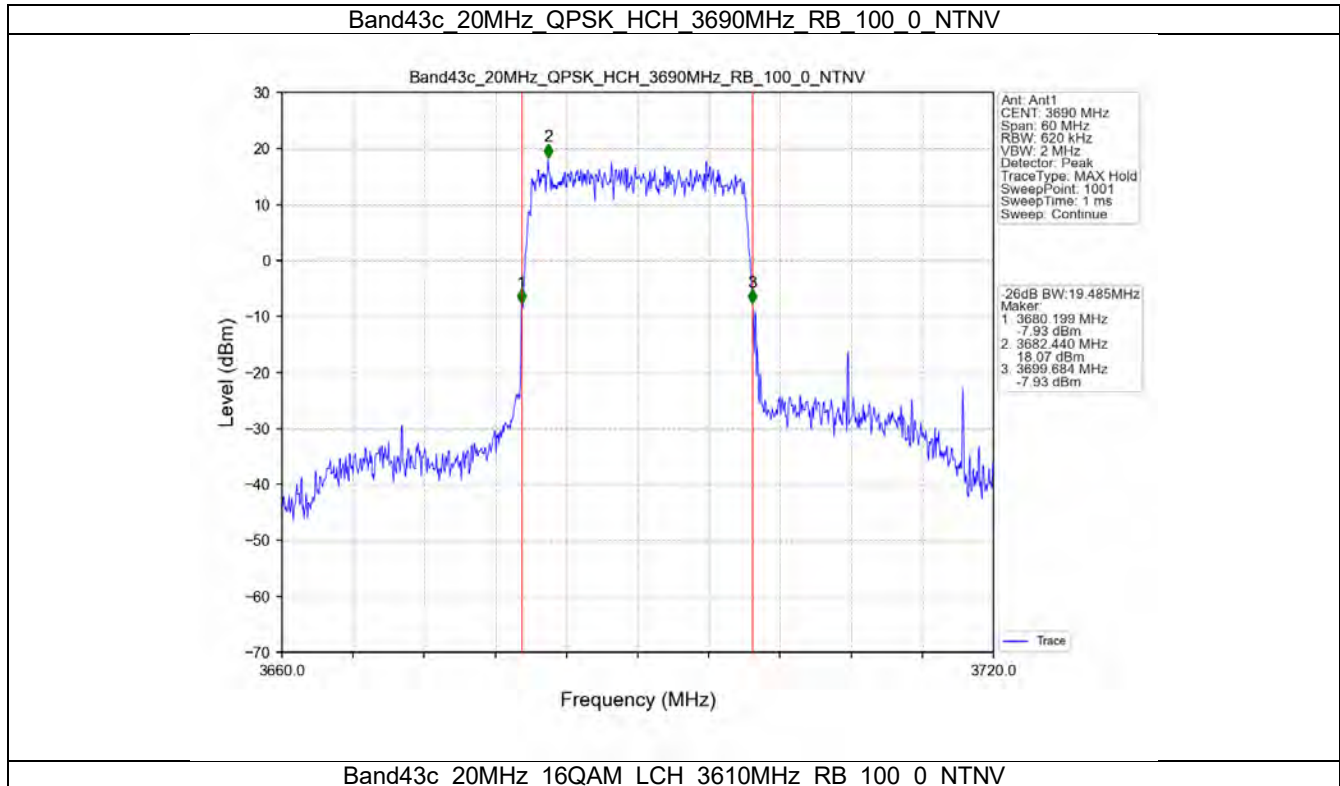


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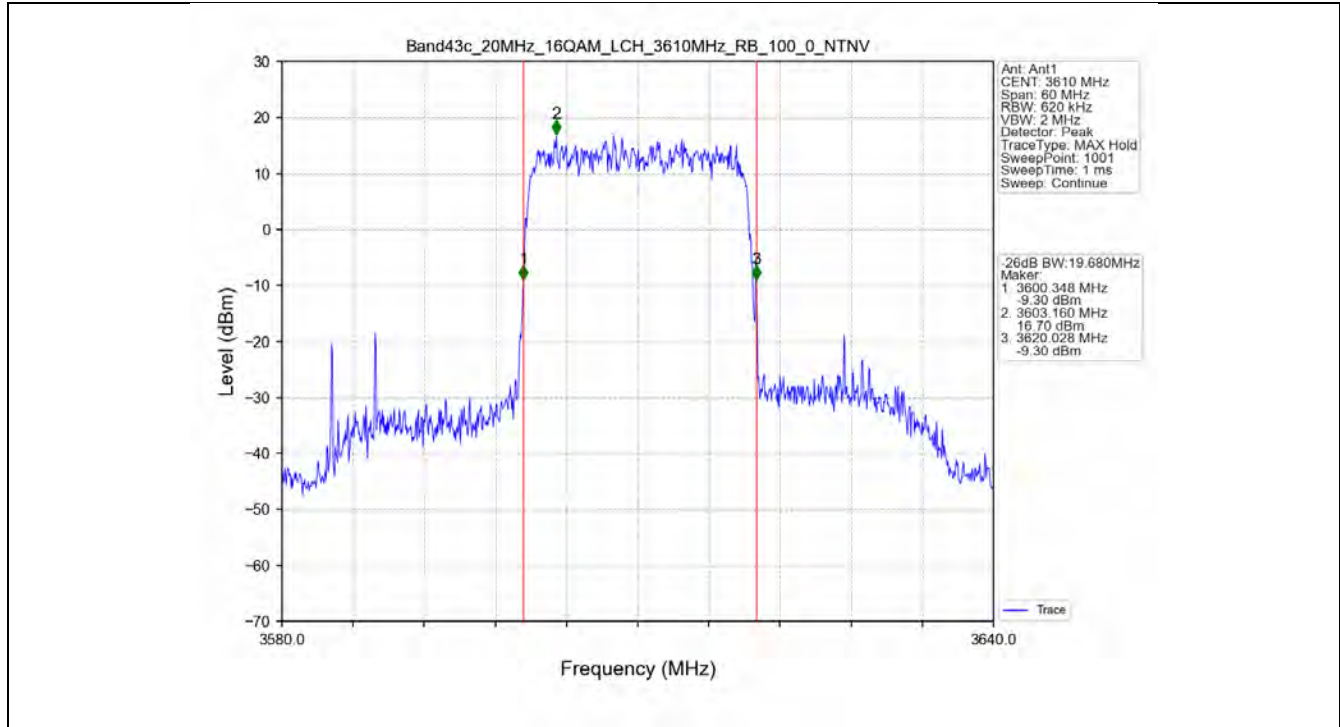


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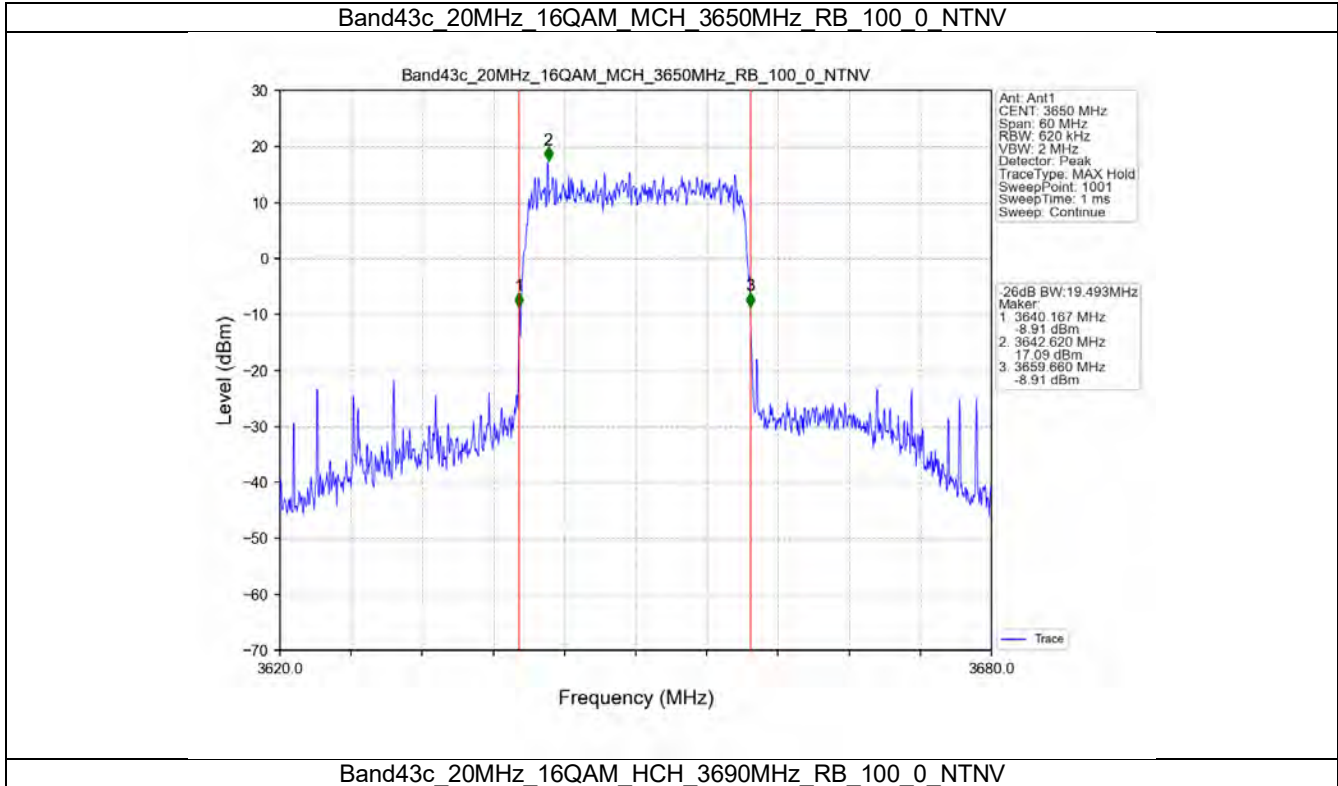


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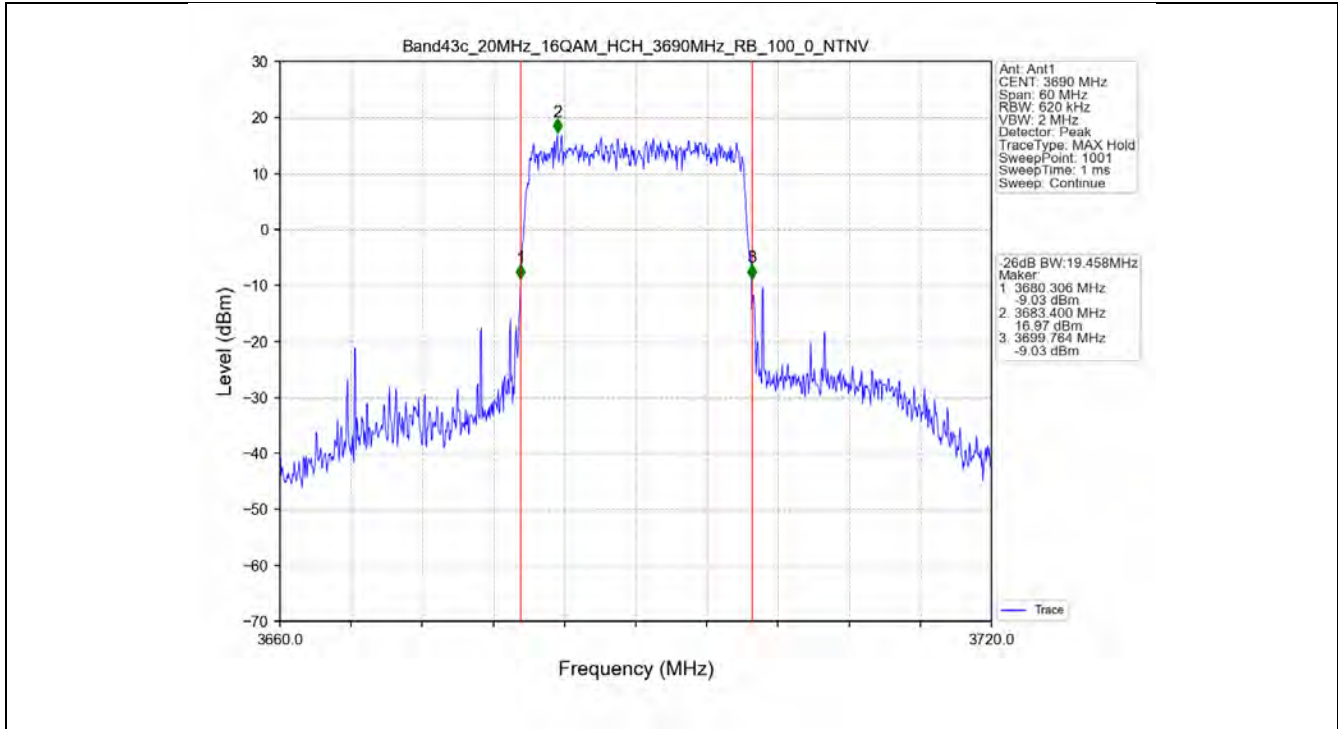


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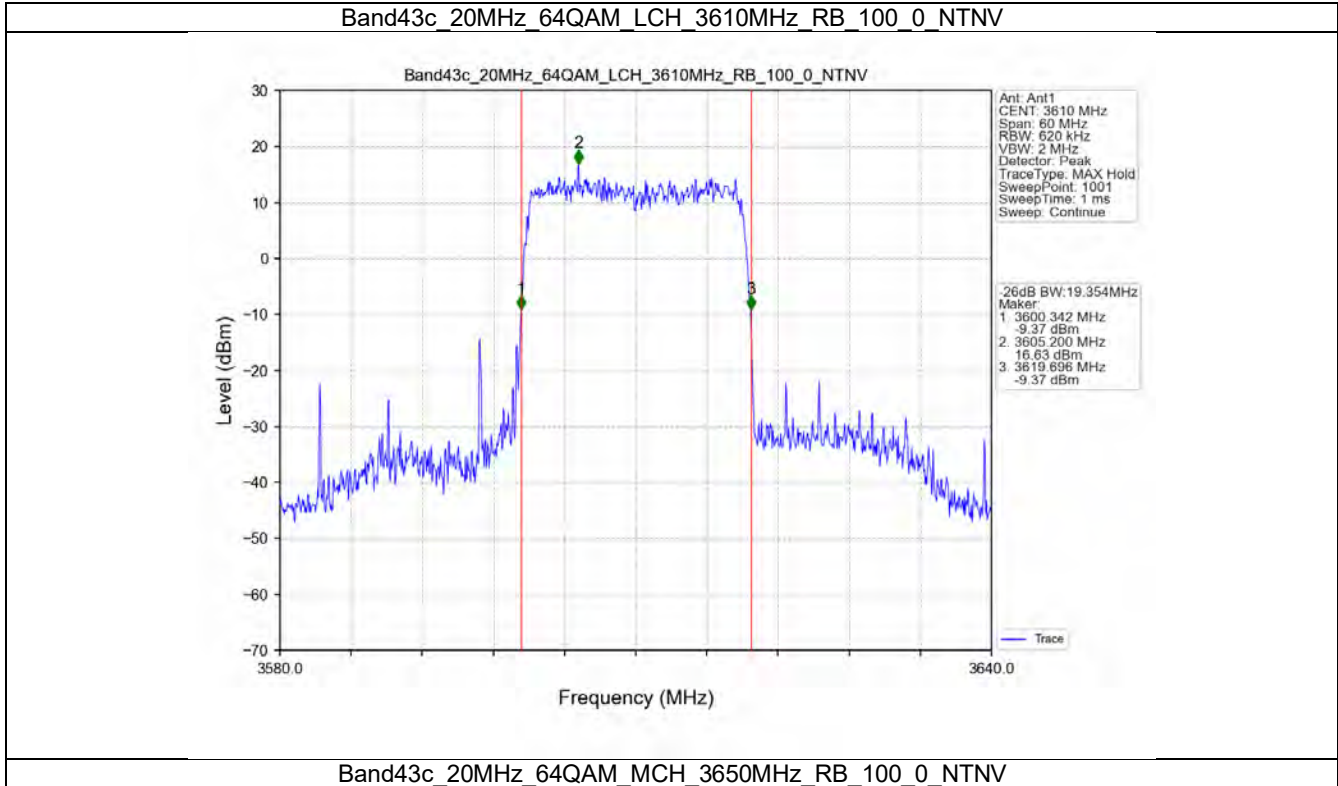


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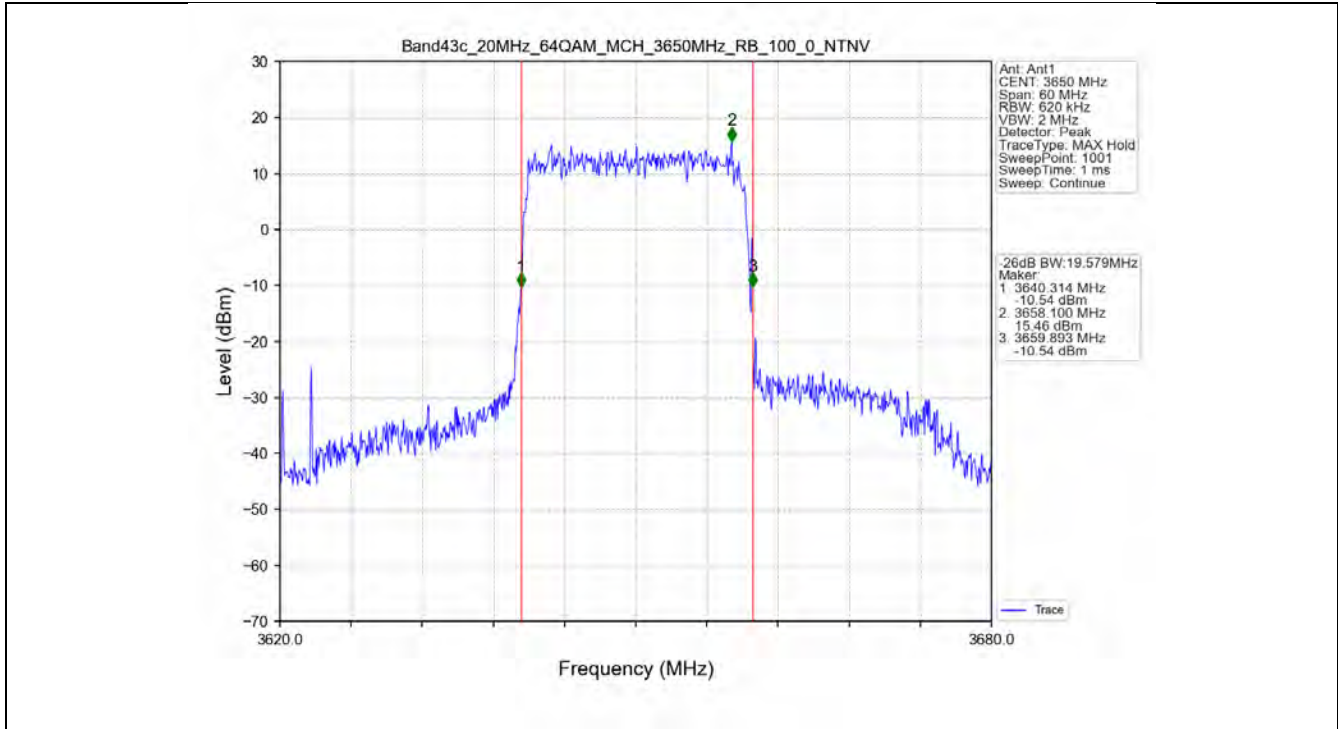


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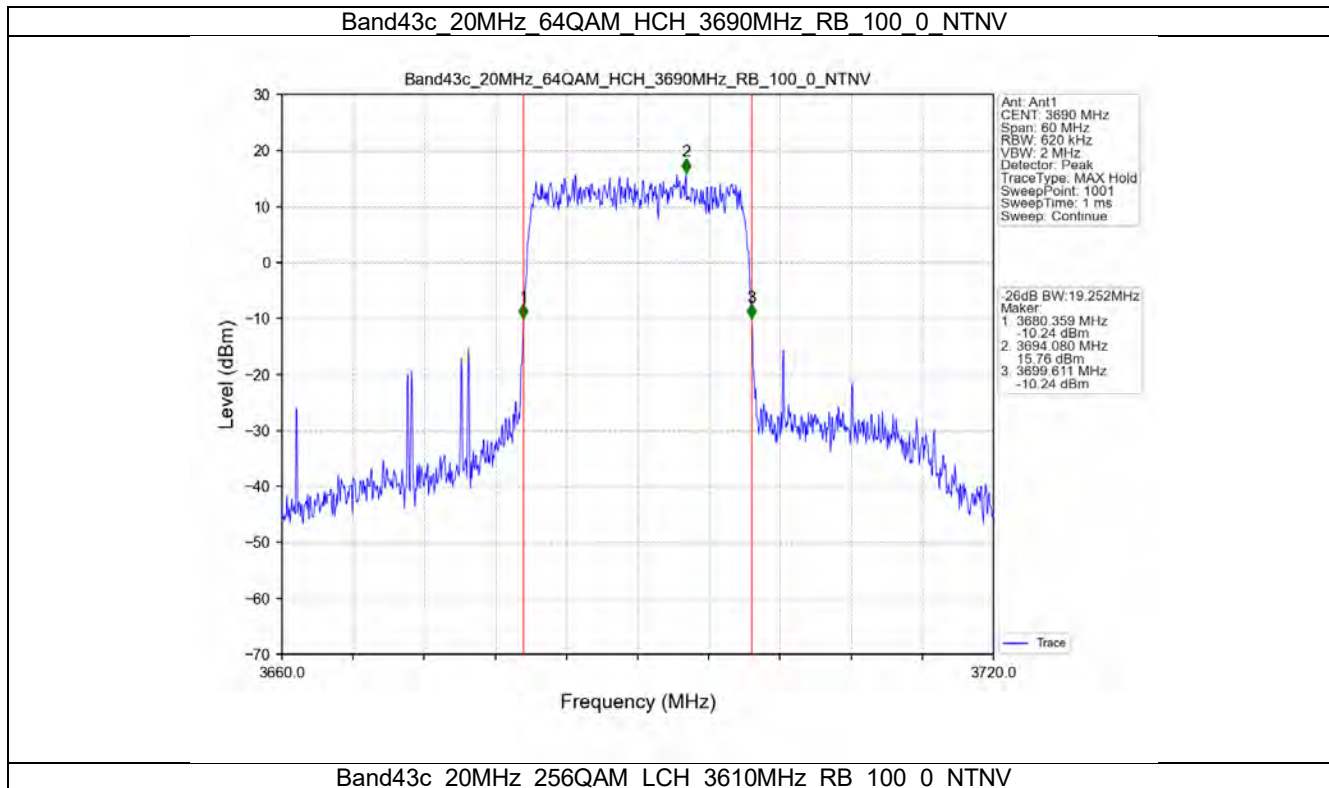
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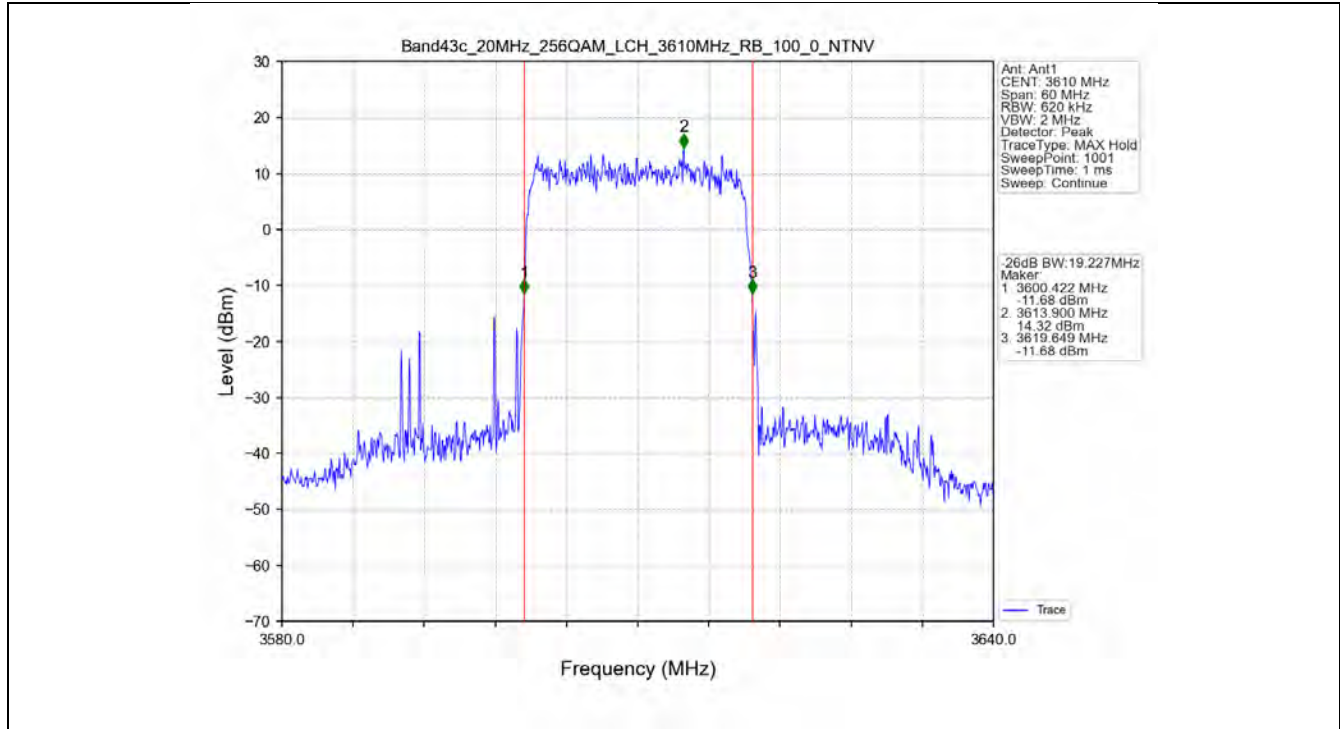


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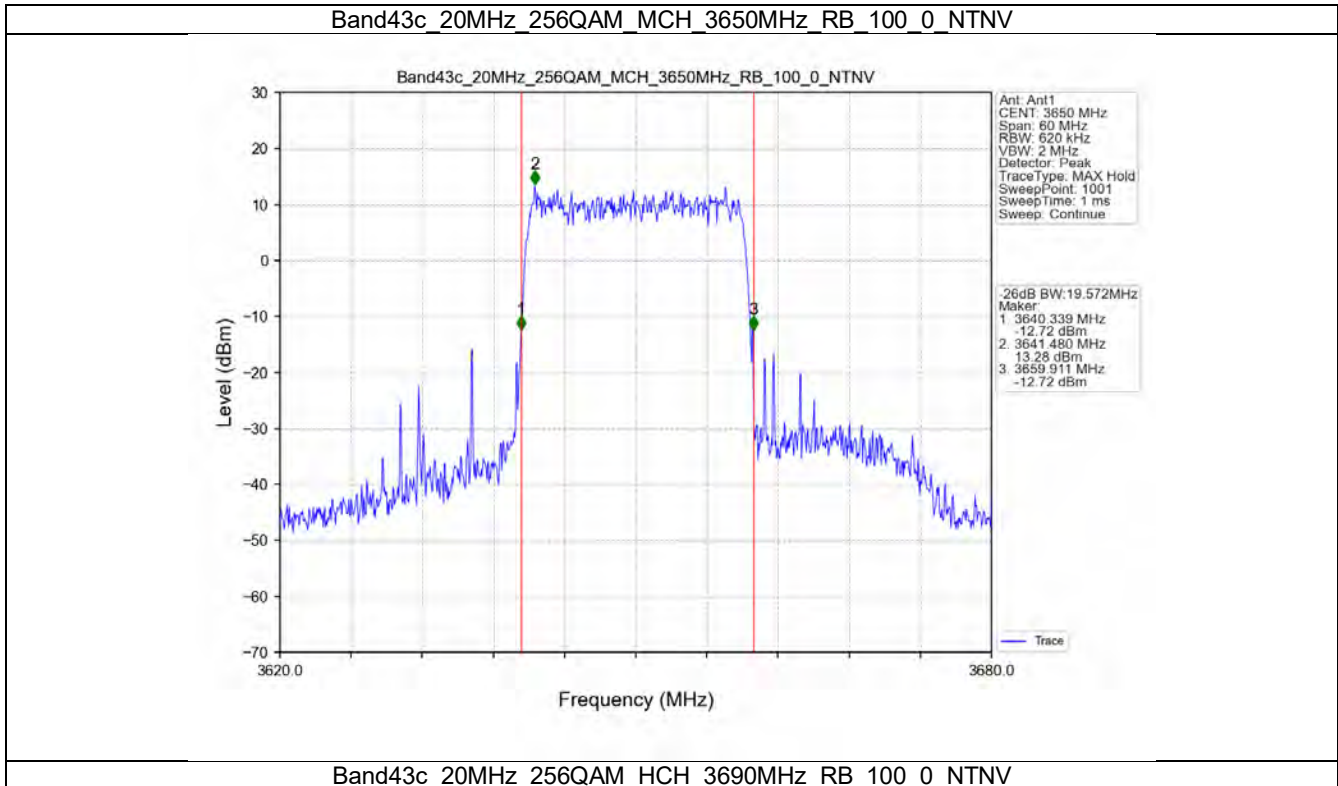


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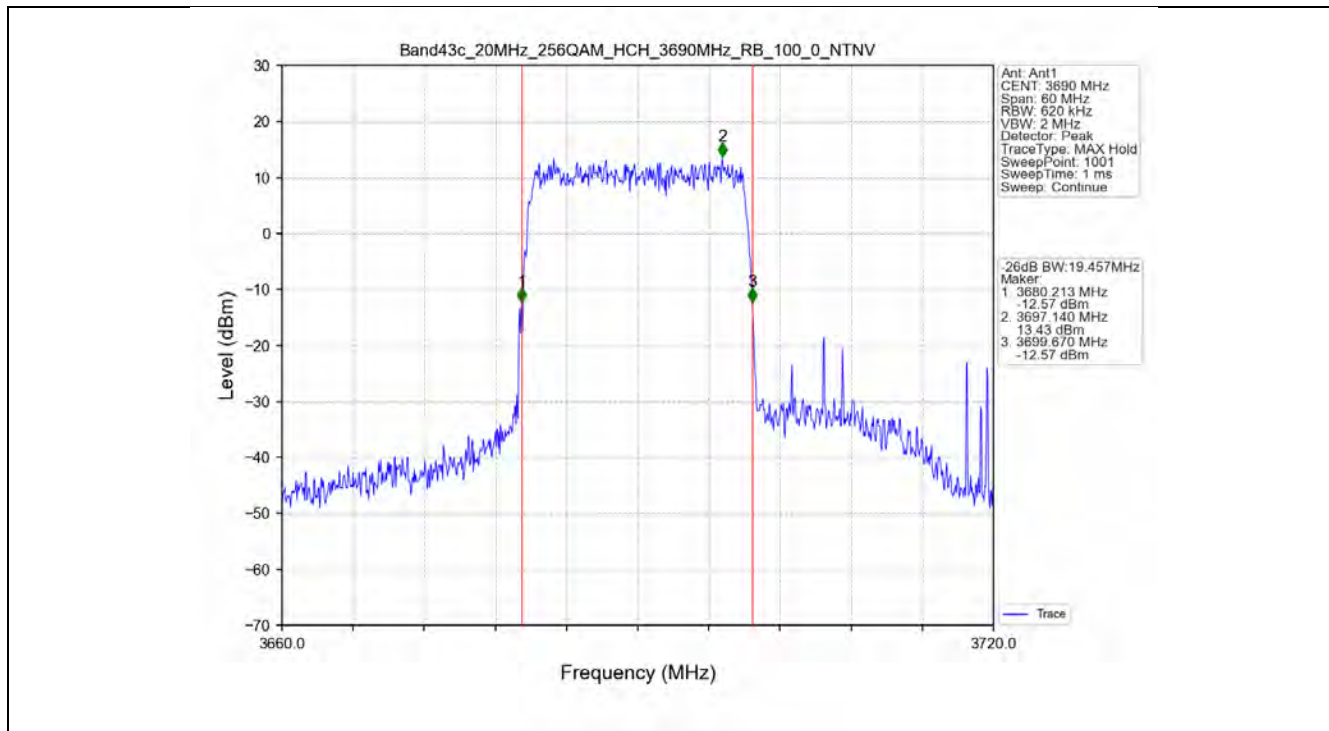
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4. Peak-Average Ratio

4.1 B43c_5MHz

4.1.1 Test Result

Band: 43c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	25	0	7.40	<=13	Pass
	3650	25	0	8.91	<=13	Pass
	3697.5	25	0	7.39	<=13	Pass
16QAM	3602.5	25	0	8.24	<=13	Pass
	3650	25	0	8.89	<=13	Pass
	3697.5	25	0	8.27	<=13	Pass
64QAM	3602.5	25	0	8.92	<=13	Pass
	3650	25	0	8.90	<=13	Pass
	3697.5	25	0	8.87	<=13	Pass
256QAM	3602.5	25	0	8.93	<=13	Pass
	3650	25	0	8.84	<=13	Pass
	3697.5	25	0	8.91	<=13	Pass



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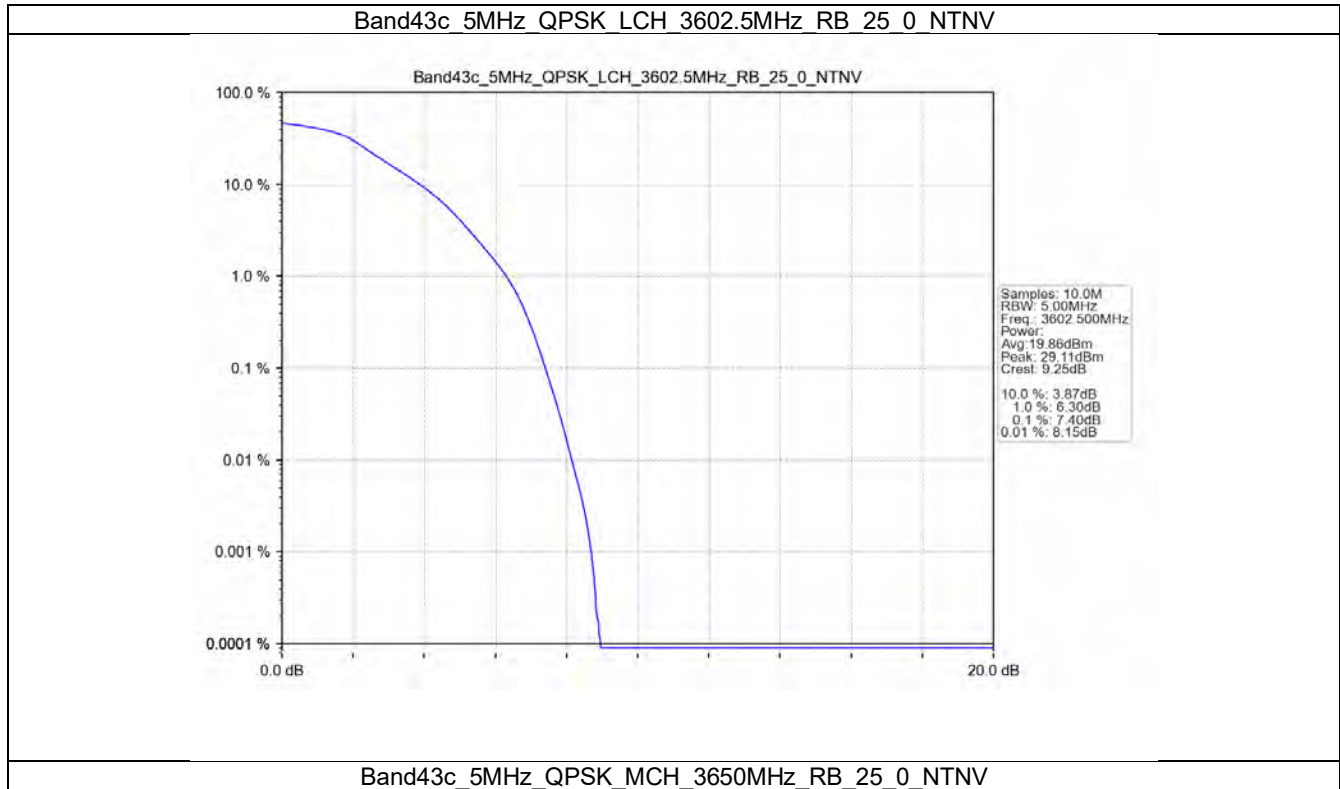
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4.1.2 Test Graph



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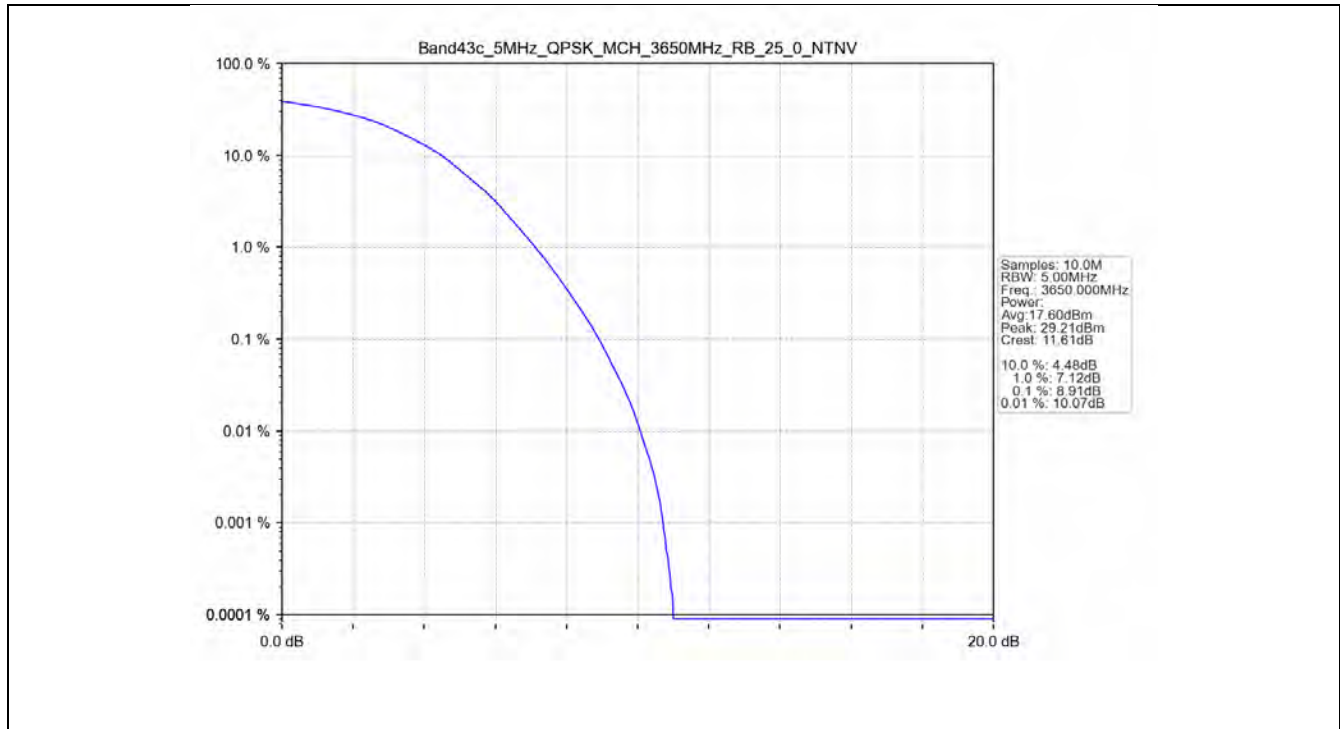


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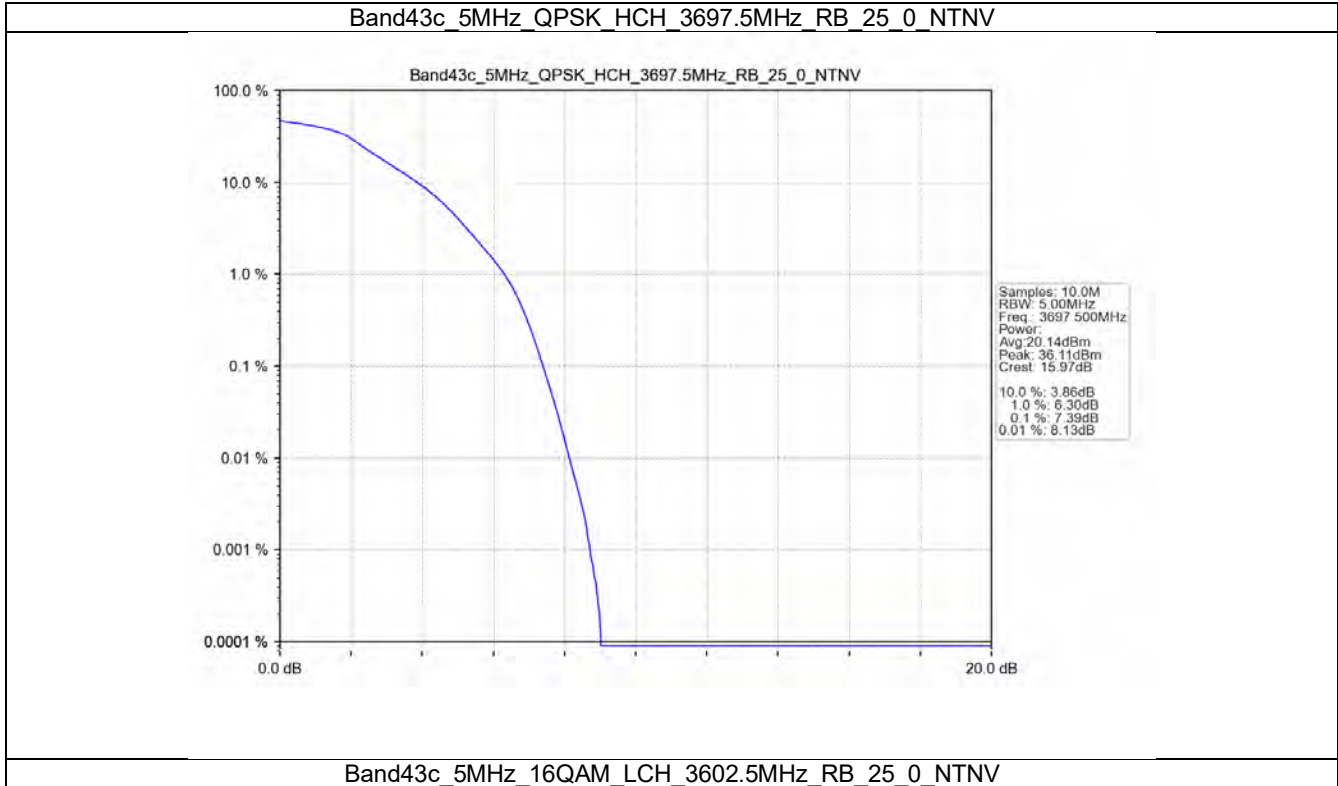


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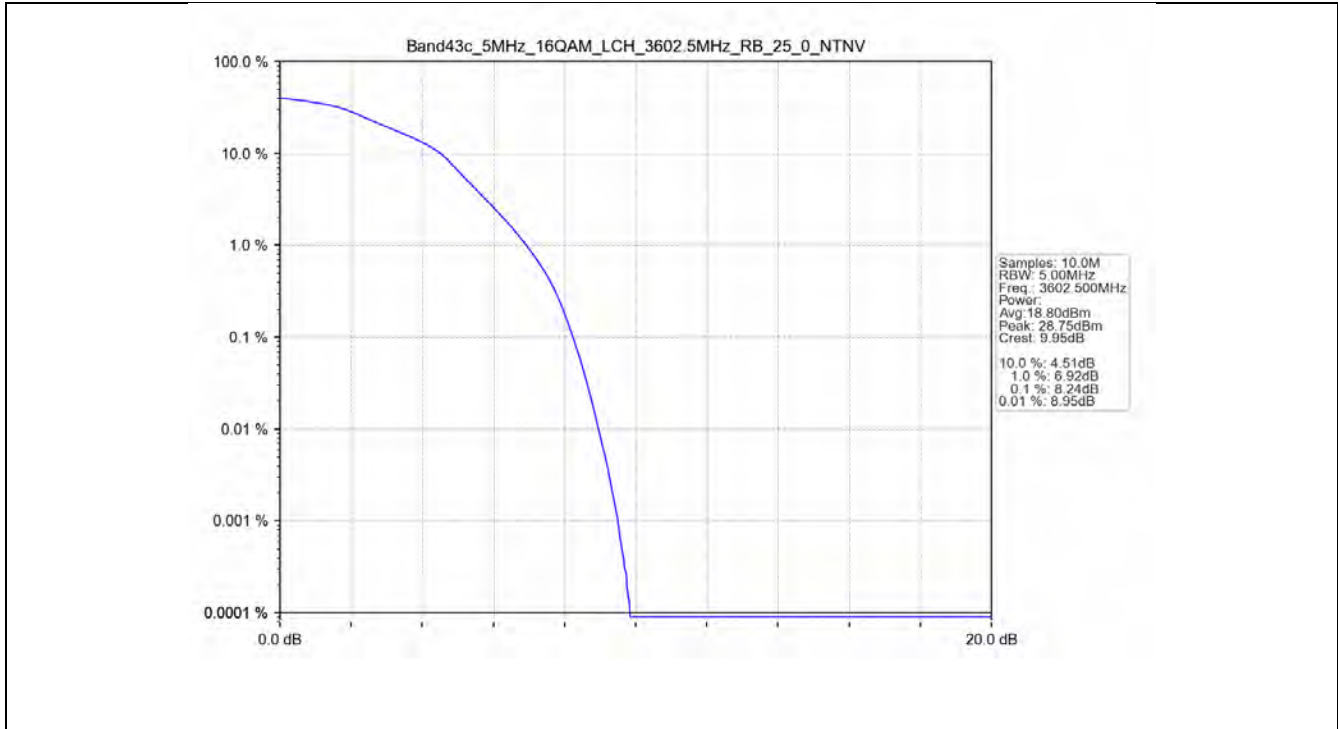


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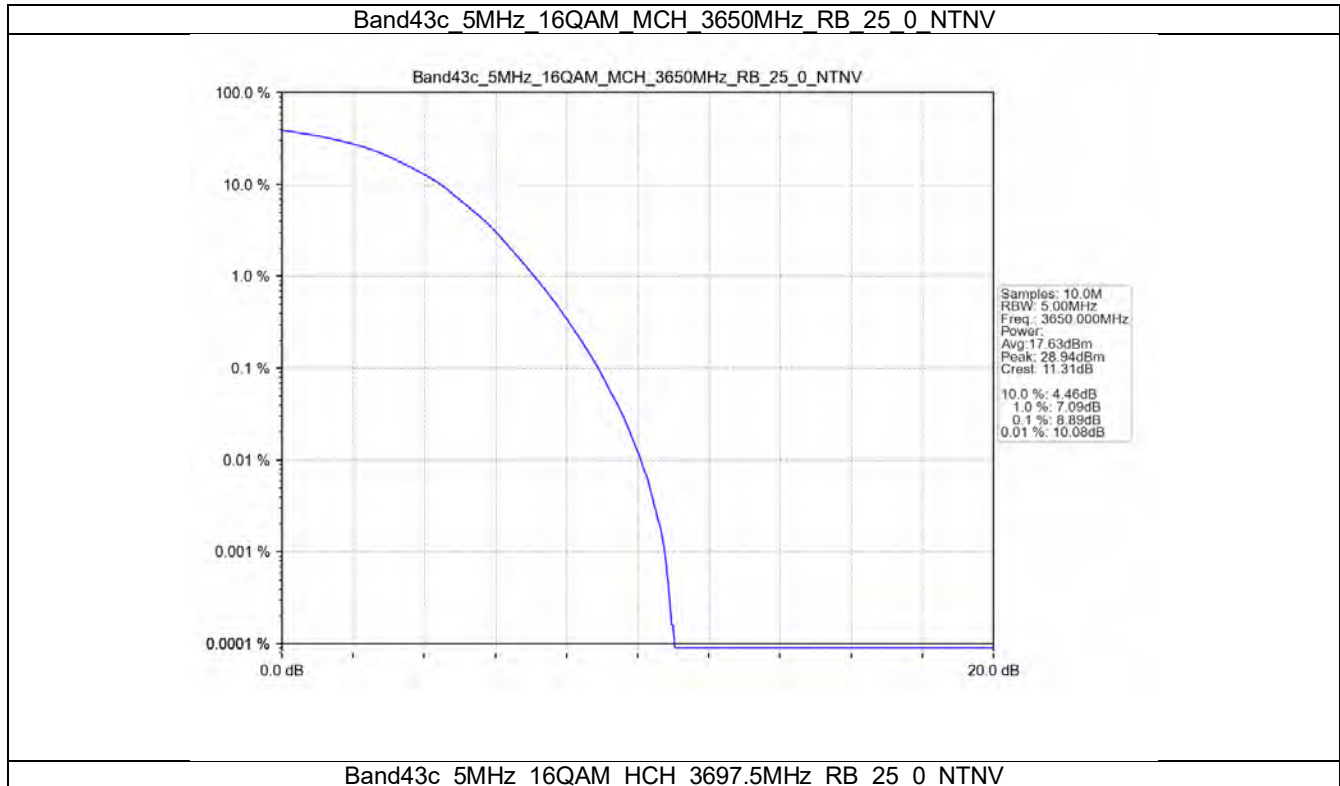


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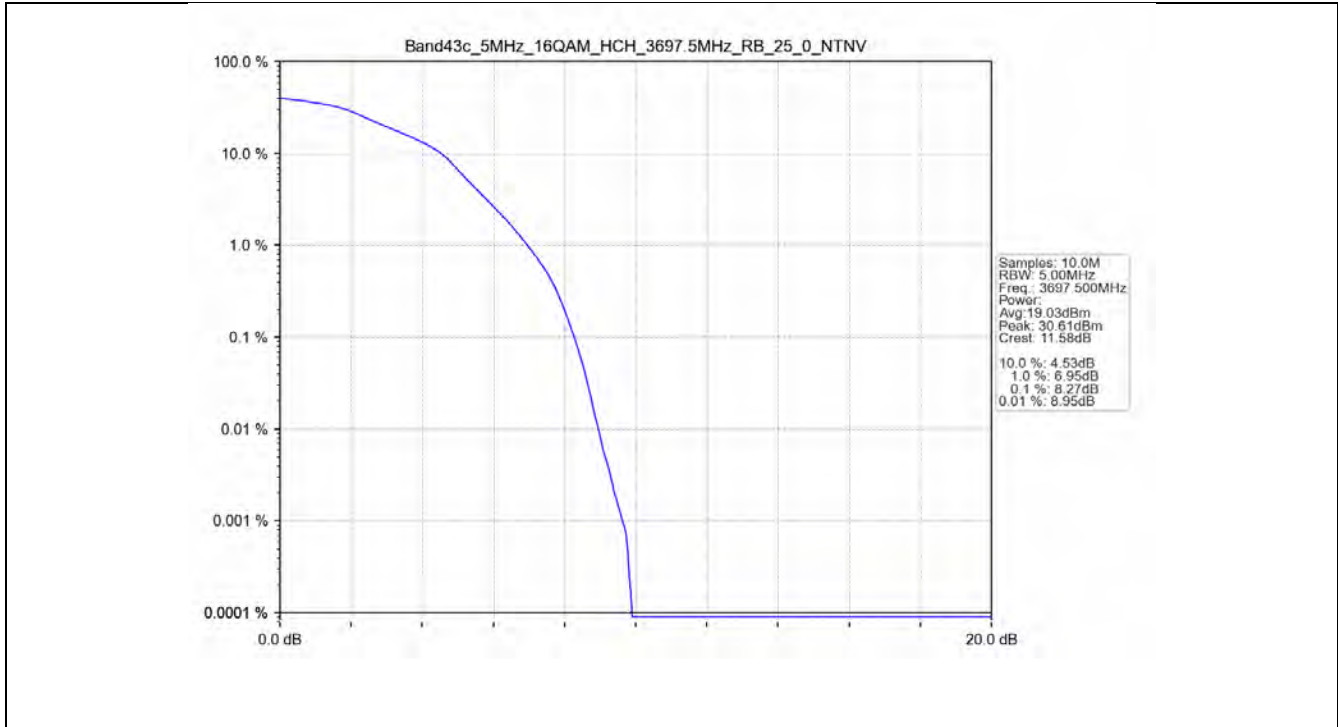


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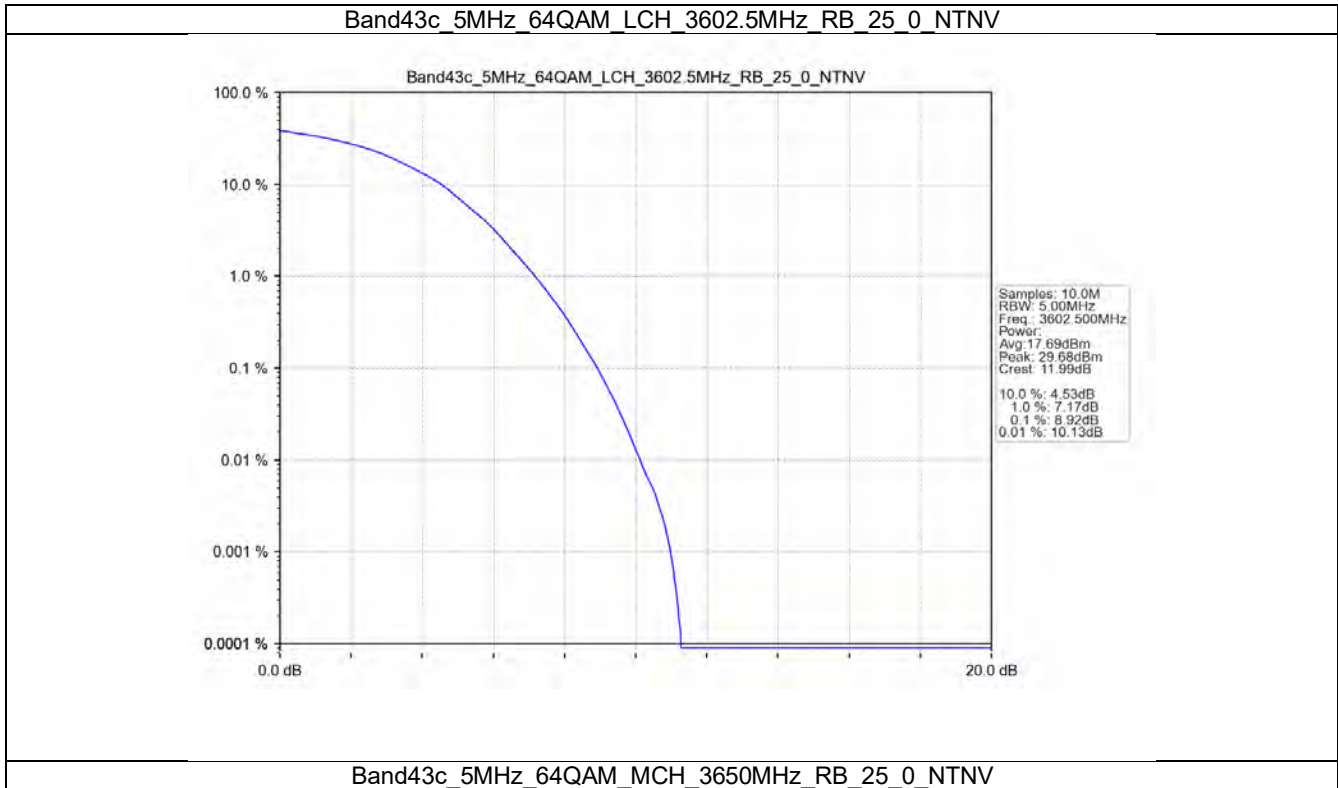


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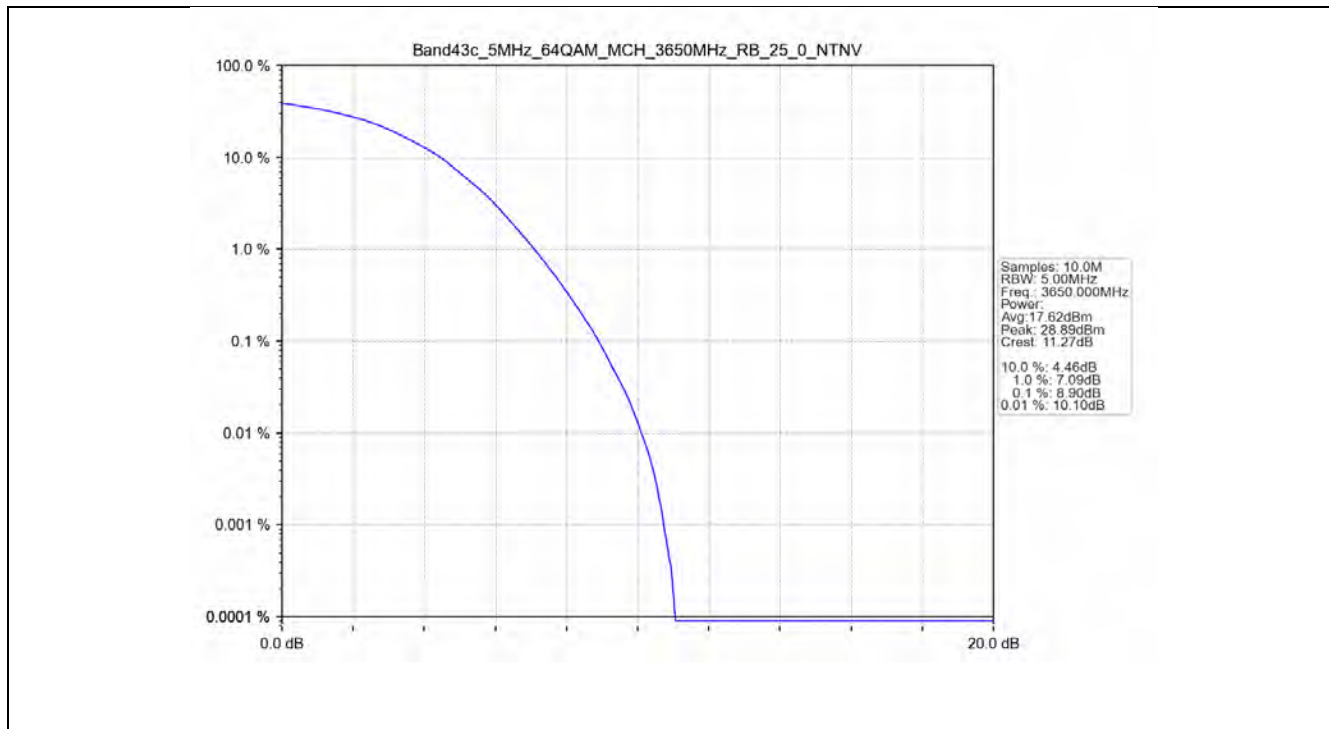
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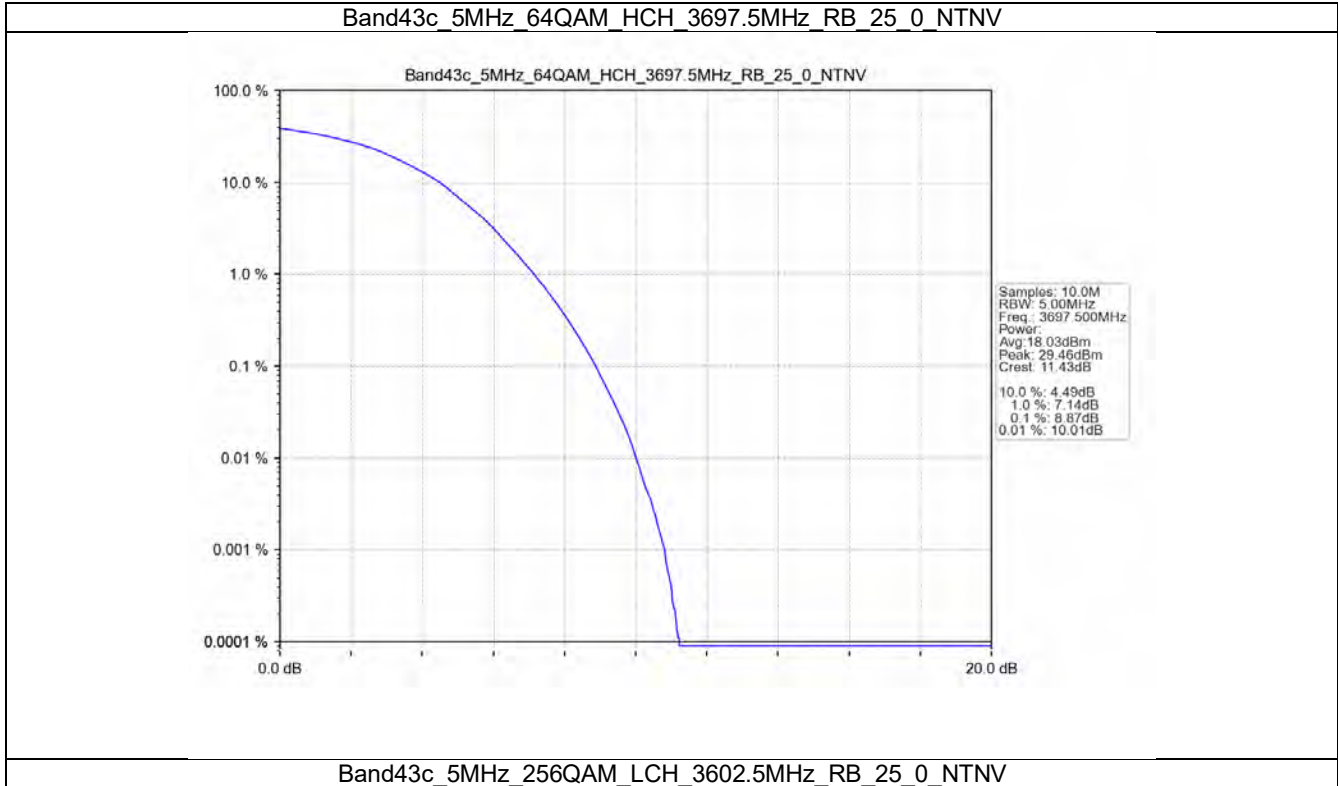


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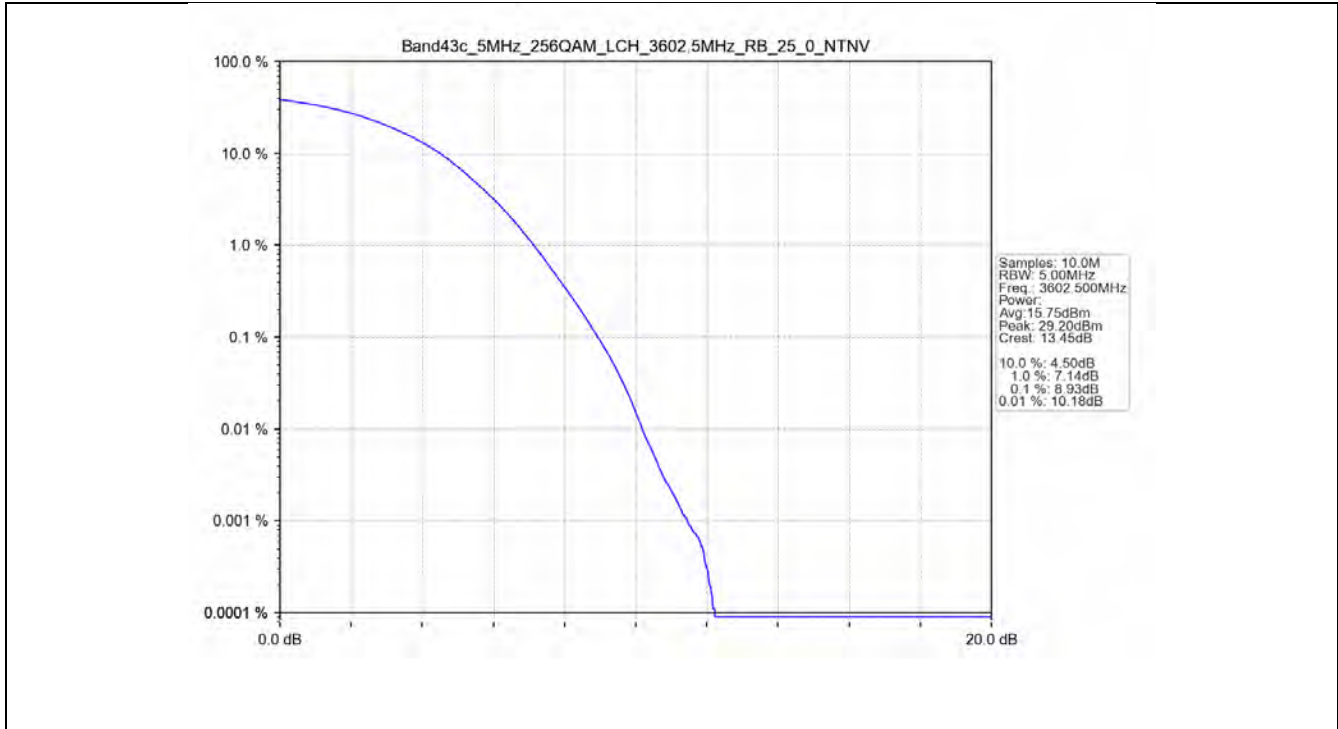


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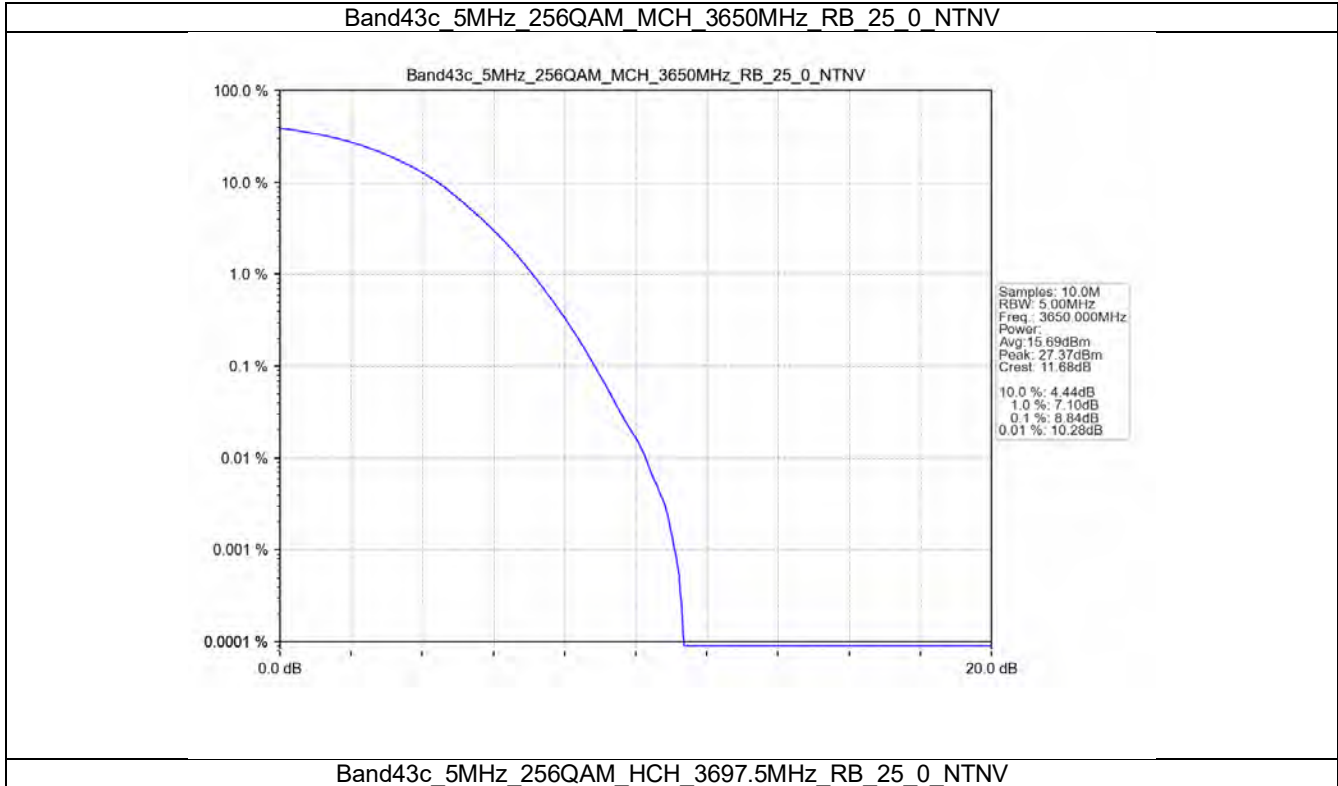


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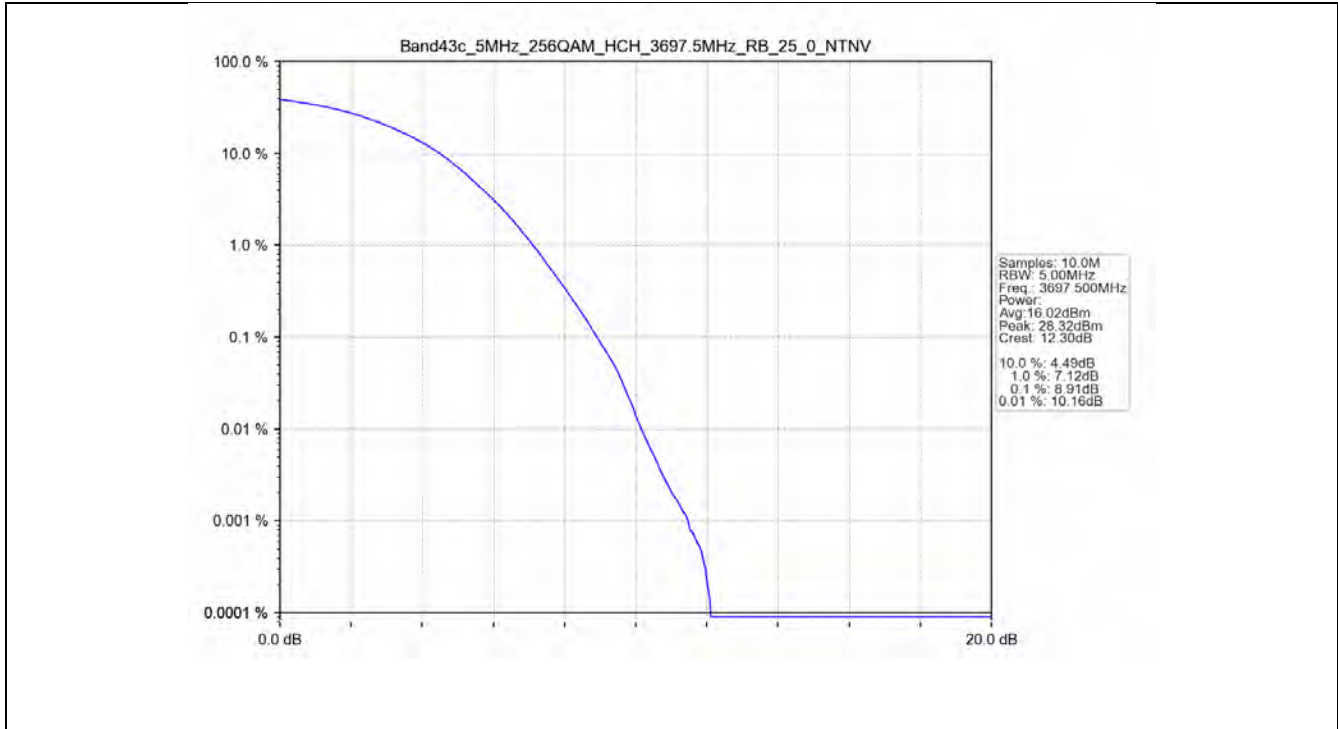


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4.2 B43c_10MHz

4.2.1 Test Result

Band: 43c / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3605	50	0	7.25	<=13	Pass
	3650	50	0	8.79	<=13	Pass
	3695	50	0	7.32	<=13	Pass
16QAM	3605	50	0	7.82	<=13	Pass
	3650	50	0	8.87	<=13	Pass
	3695	50	0	8.25	<=13	Pass
64QAM	3605	50	0	8.78	<=13	Pass
	3650	50	0	8.94	<=13	Pass
	3695	50	0	8.80	<=13	Pass
256QAM	3605	50	0	8.58	<=13	Pass
	3650	50	0	8.81	<=13	Pass
	3695	50	0	8.61	<=13	Pass



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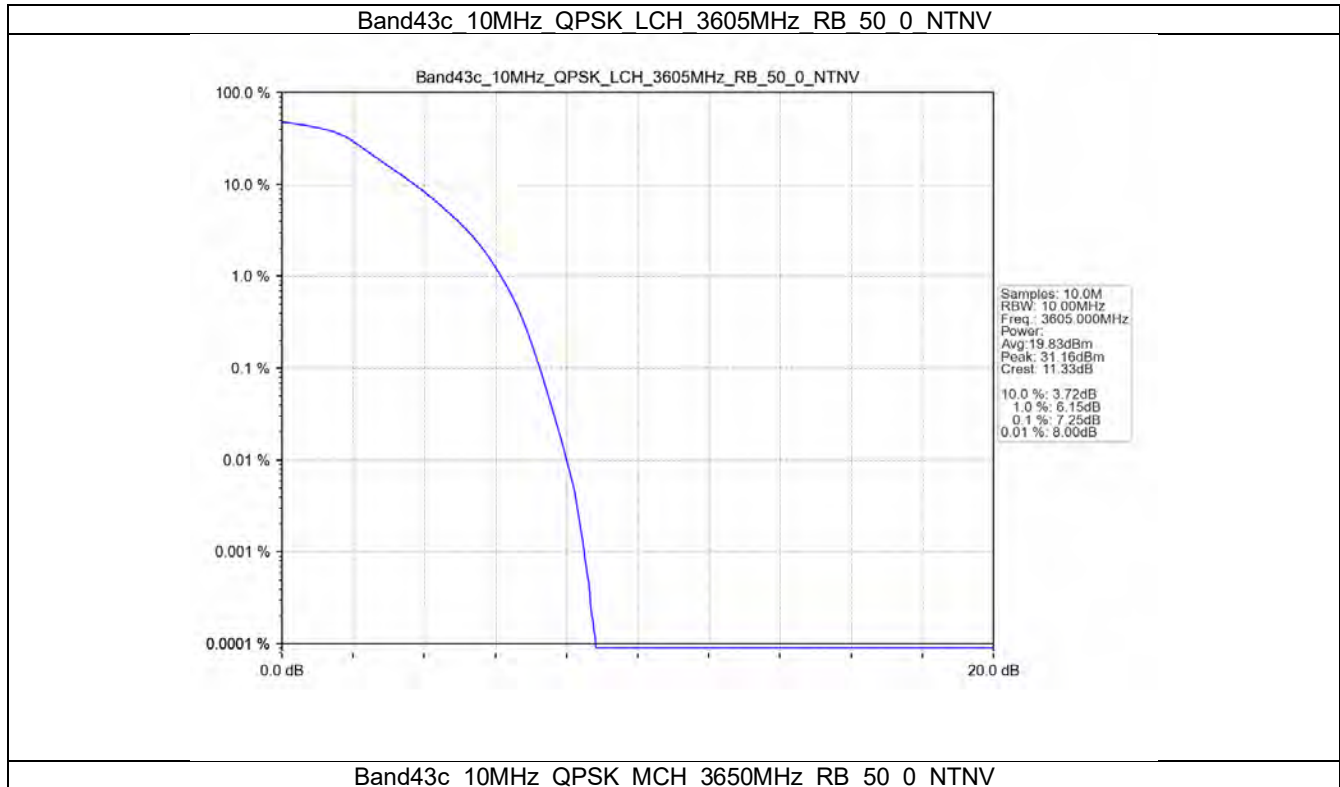


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4.2.2 Test Graph



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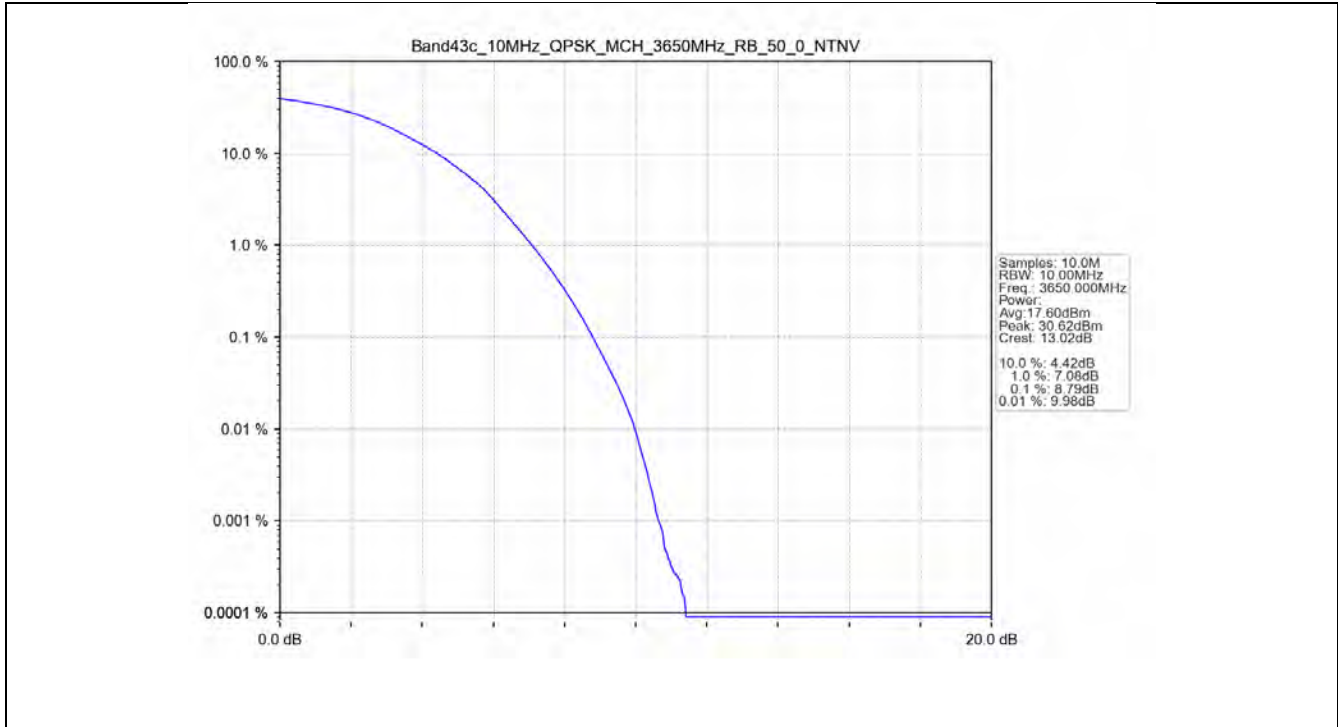


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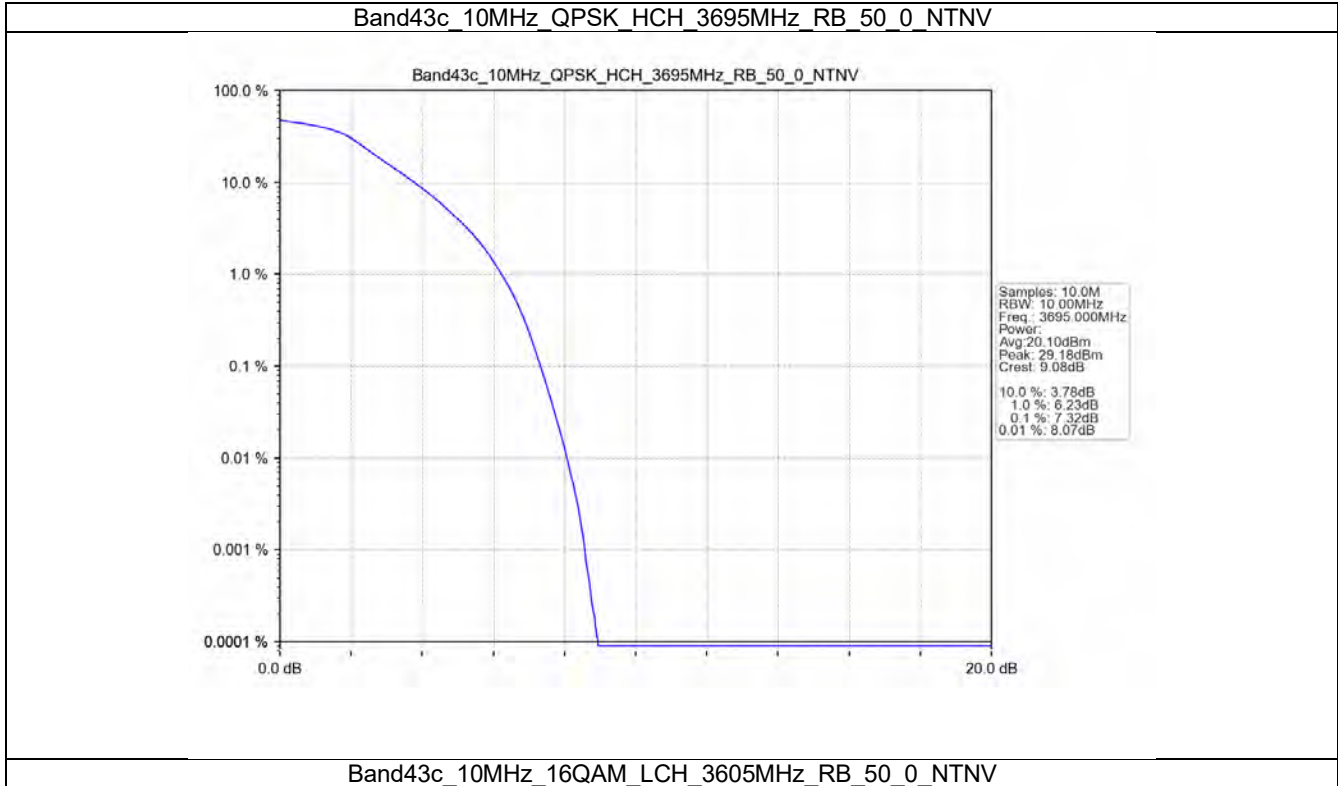


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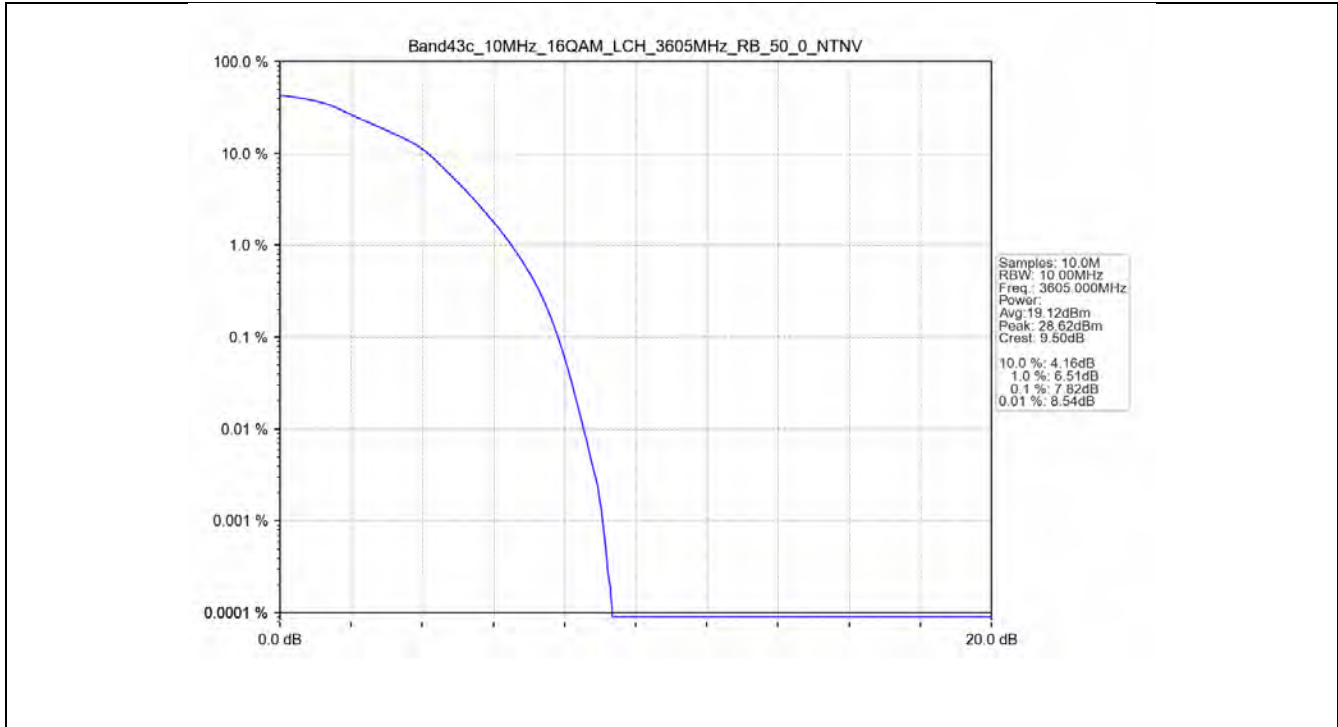


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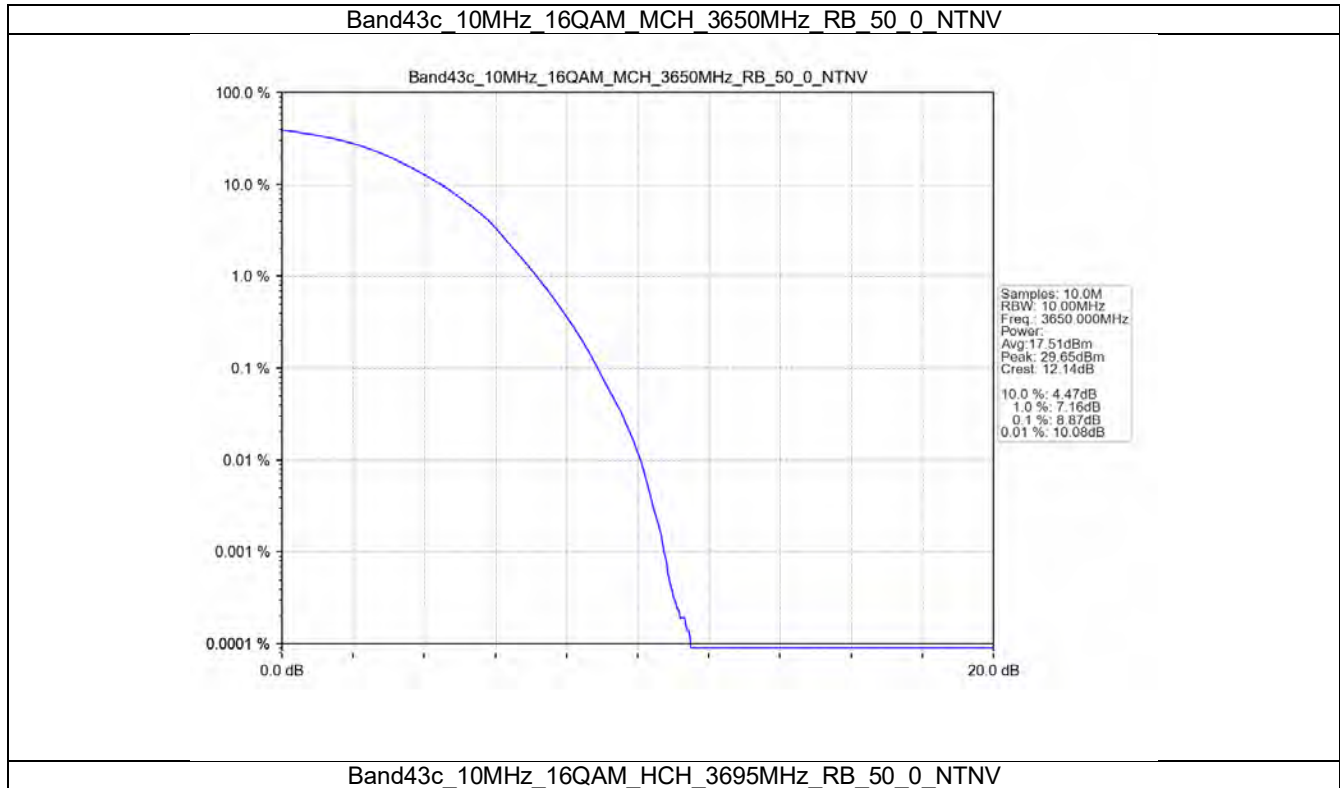
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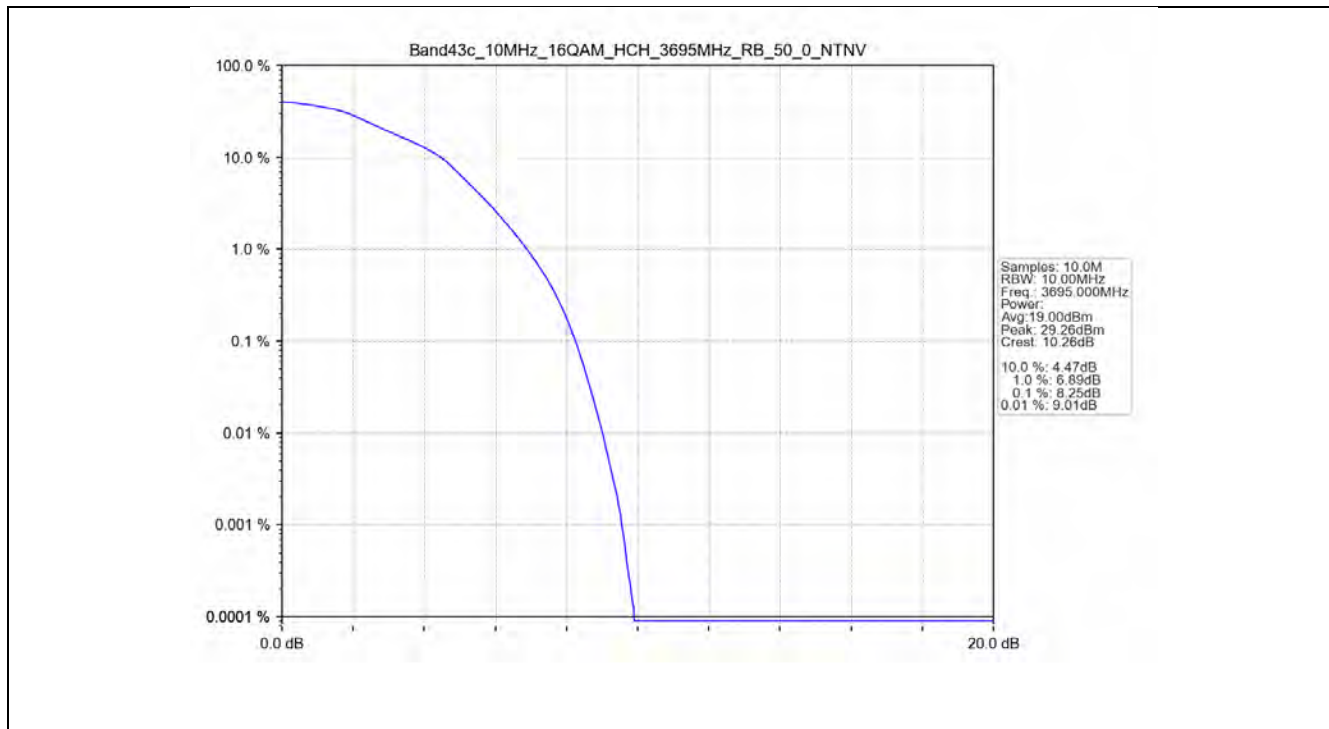
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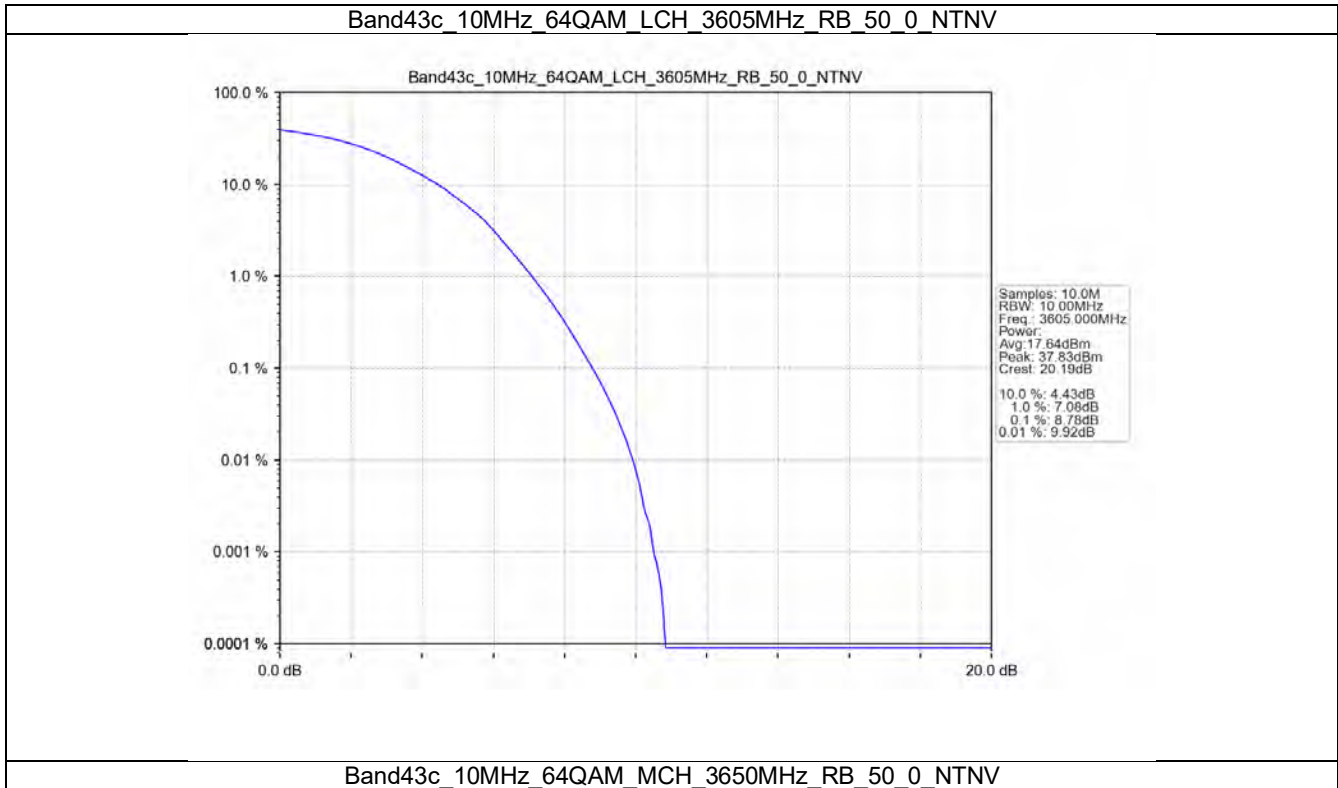


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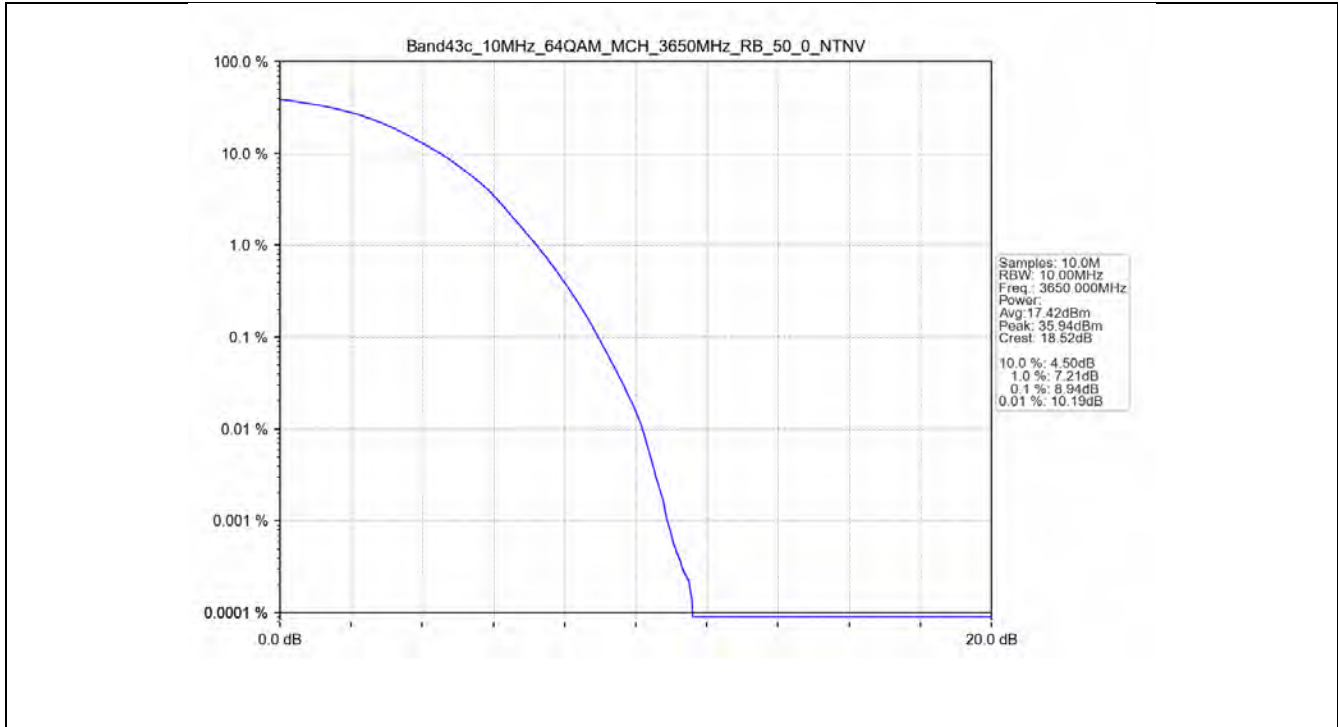


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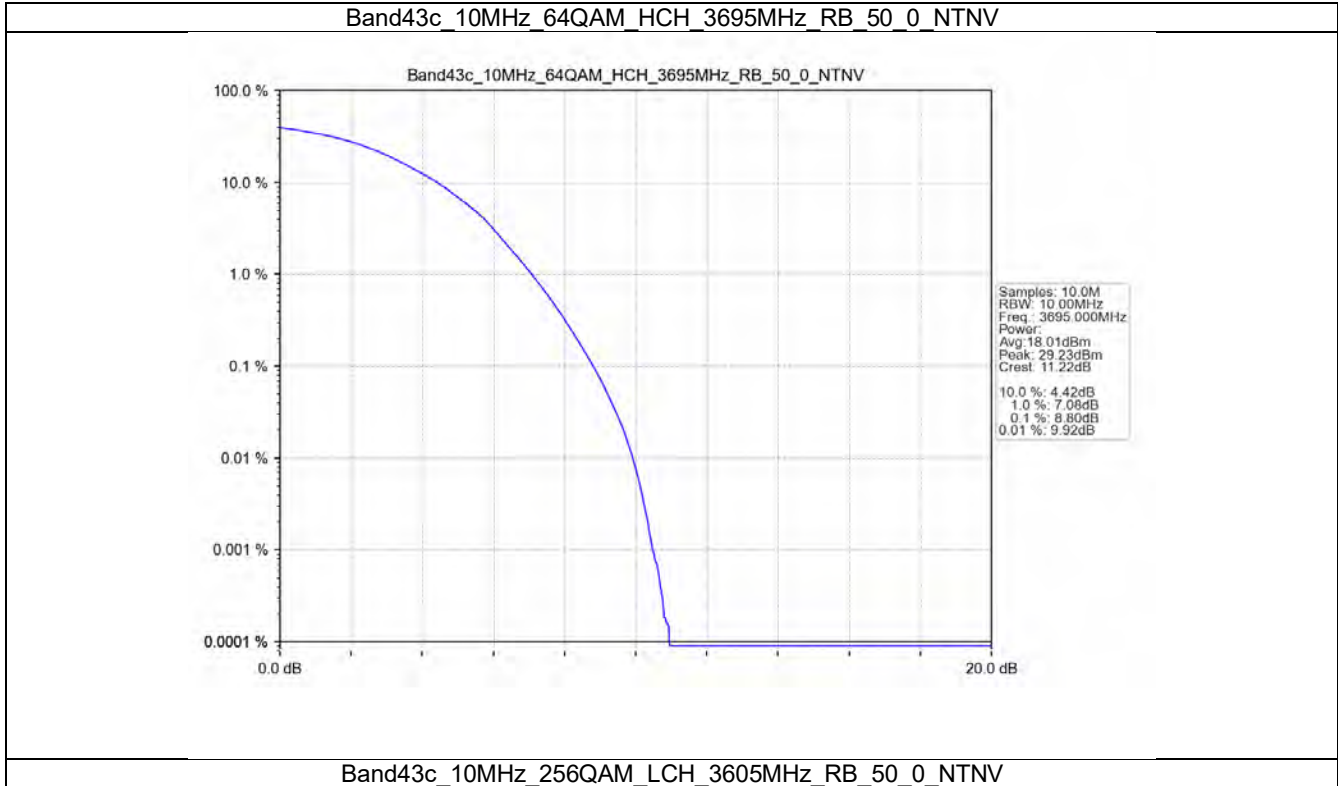


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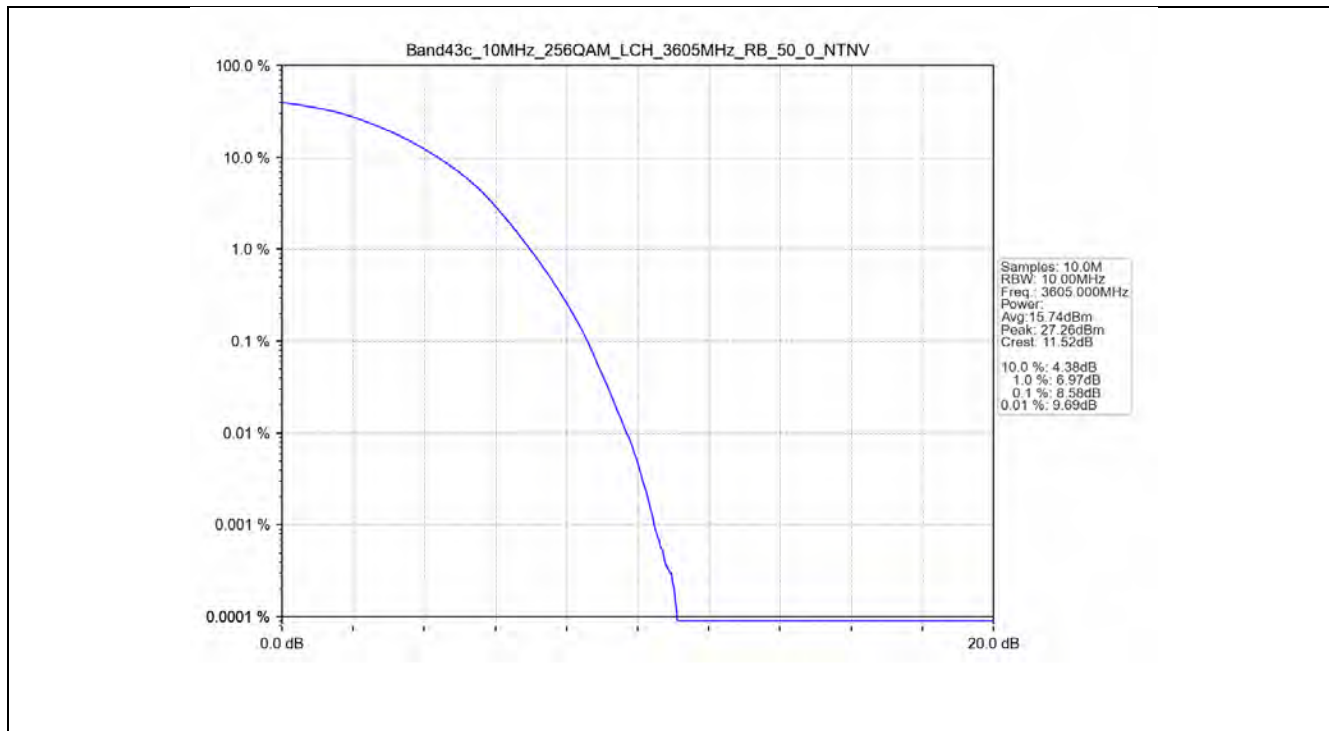
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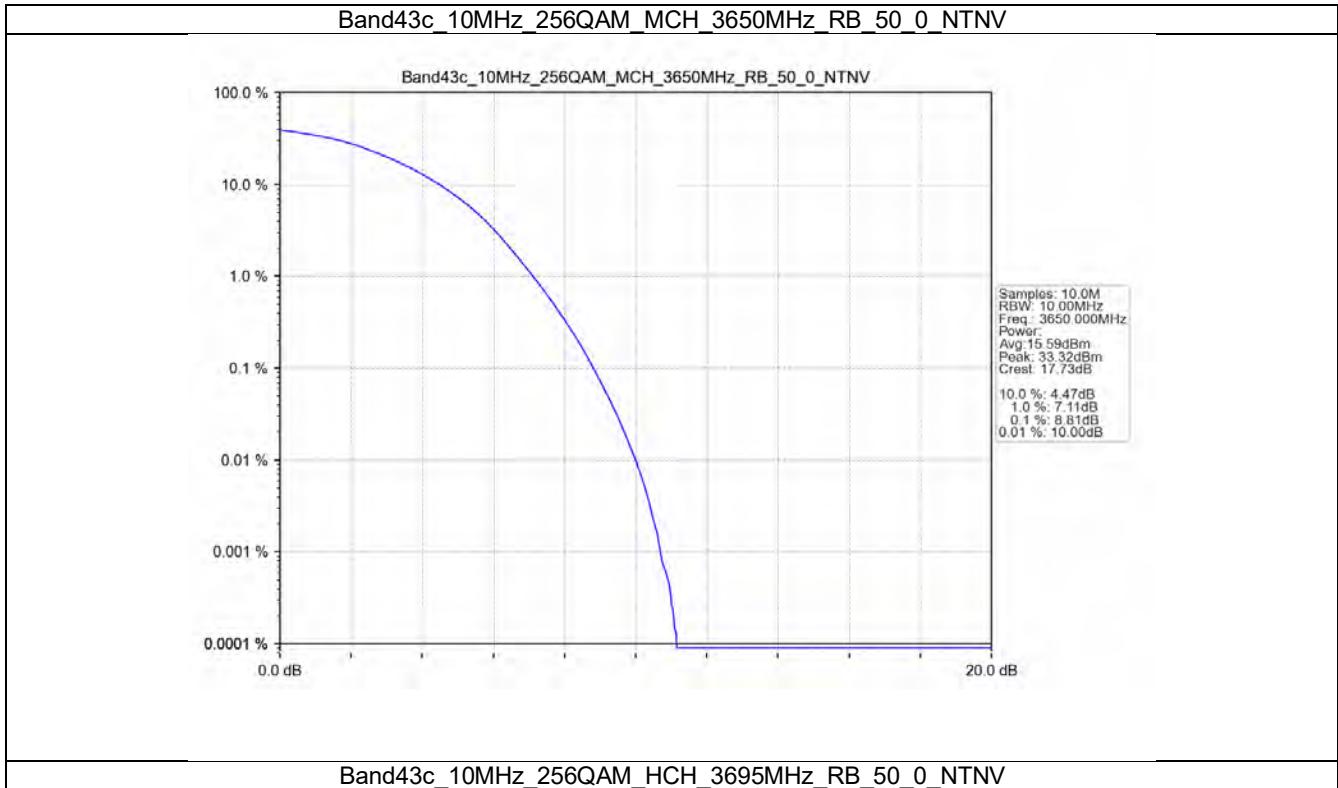


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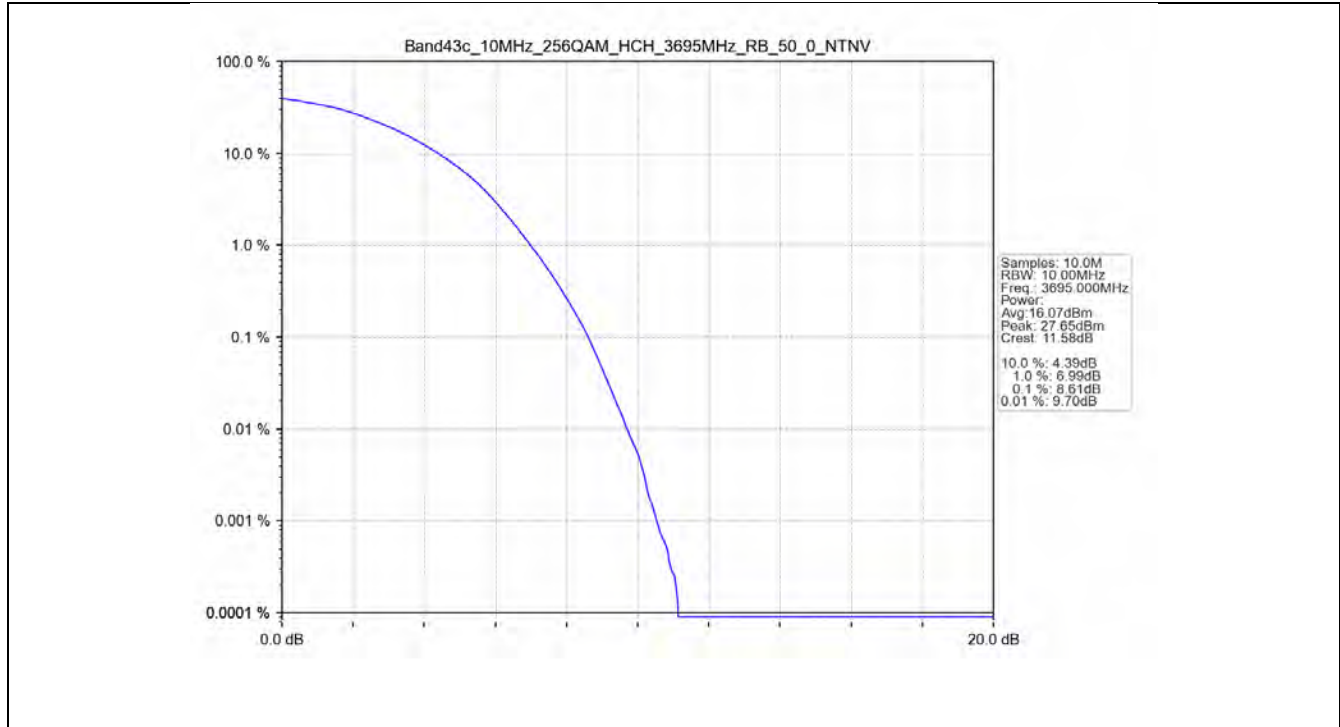


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4.3 B43c_15MHz

4.3.1 Test Result

Band: 43c / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3607.5	75	0	7.31	<=13	Pass
	3650	75	0	8.90	<=13	Pass
	3692.5	75	0	7.70	<=13	Pass
16QAM	3607.5	75	0	8.26	<=13	Pass
	3650	75	0	8.89	<=13	Pass
	3692.5	75	0	8.26	<=13	Pass
64QAM	3607.5	75	0	8.74	<=13	Pass
	3650	75	0	8.87	<=13	Pass
	3692.5	75	0	8.48	<=13	Pass
256QAM	3607.5	75	0	8.51	<=13	Pass
	3650	75	0	8.71	<=13	Pass
	3692.5	75	0	8.78	<=13	Pass



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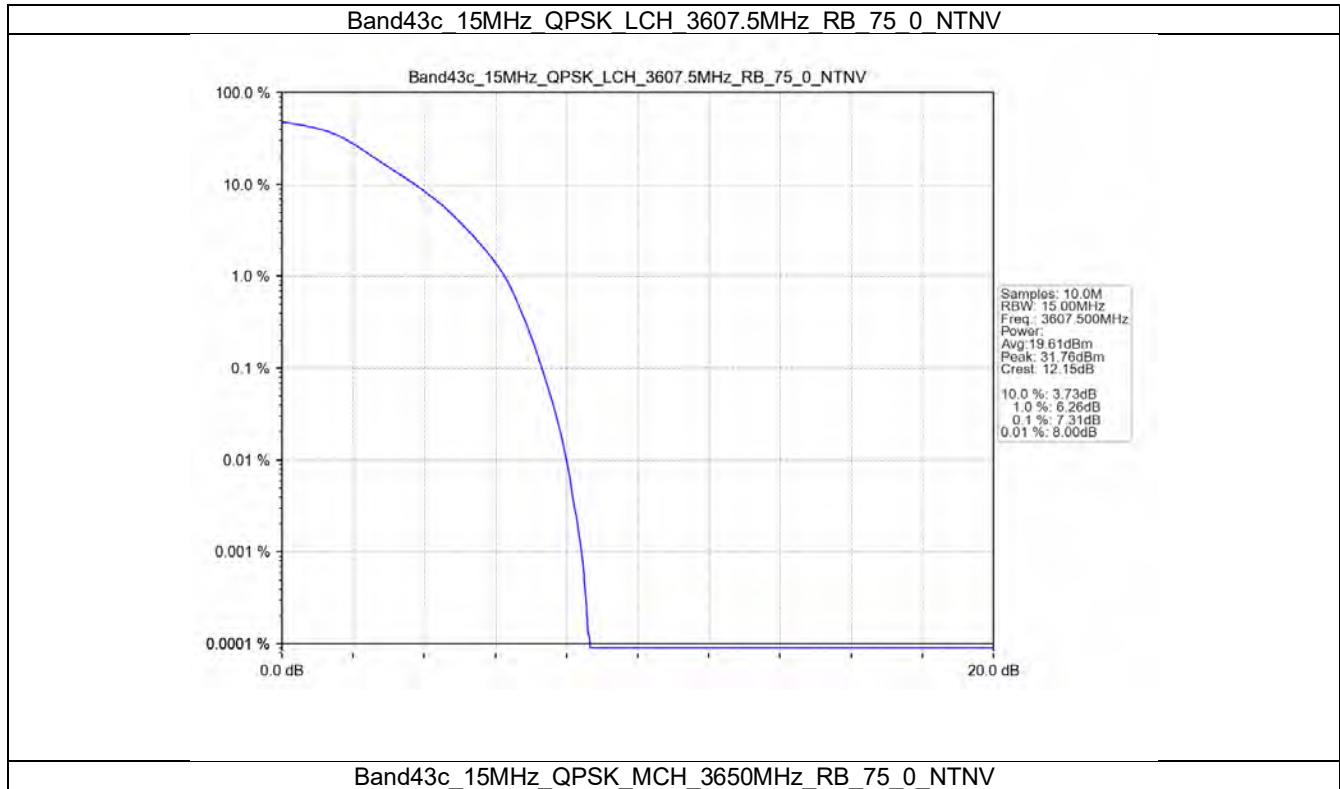
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4.3.2 Test Graph



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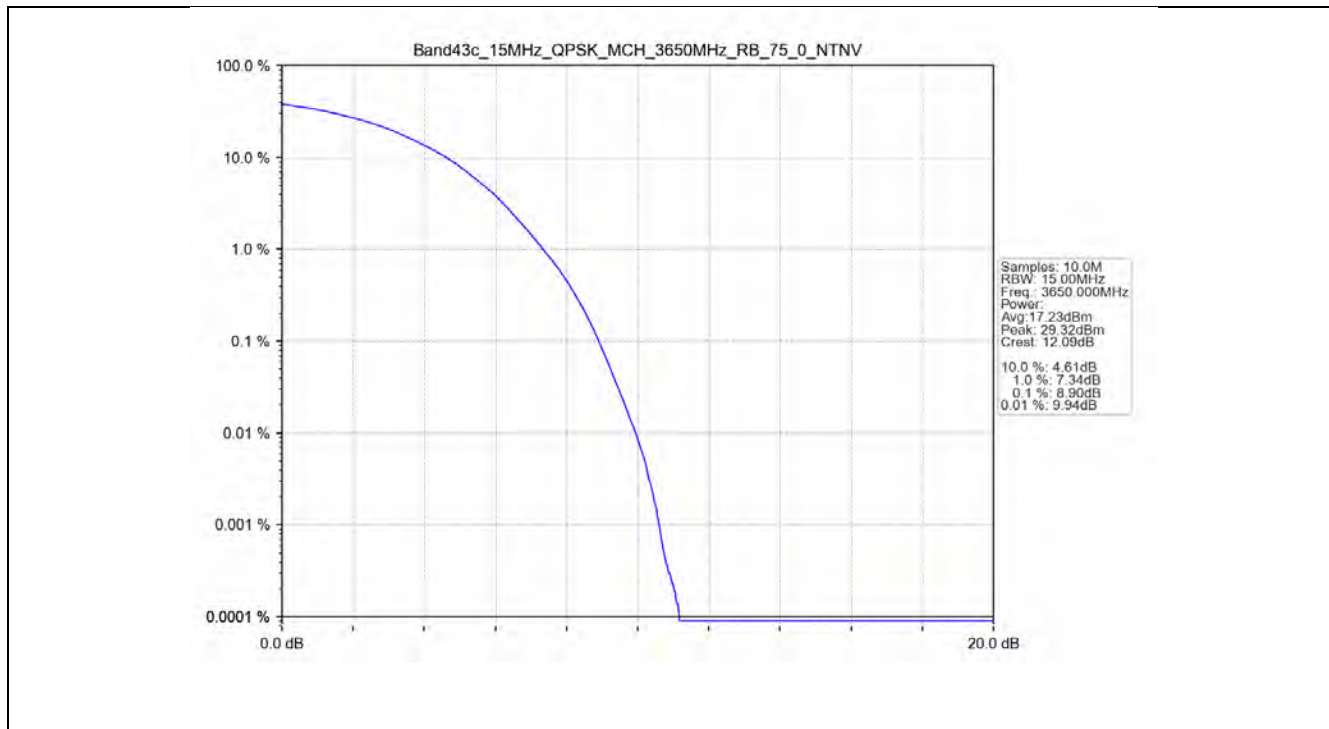
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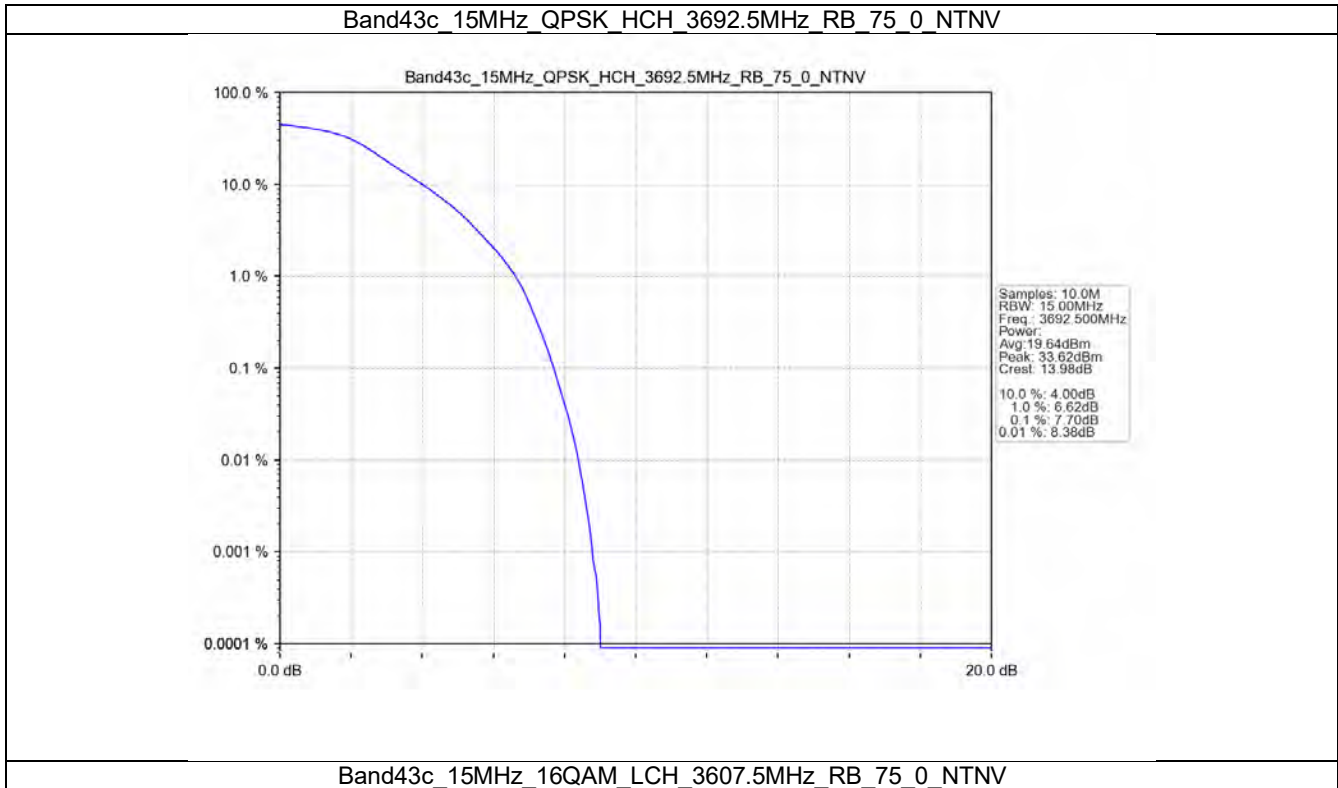


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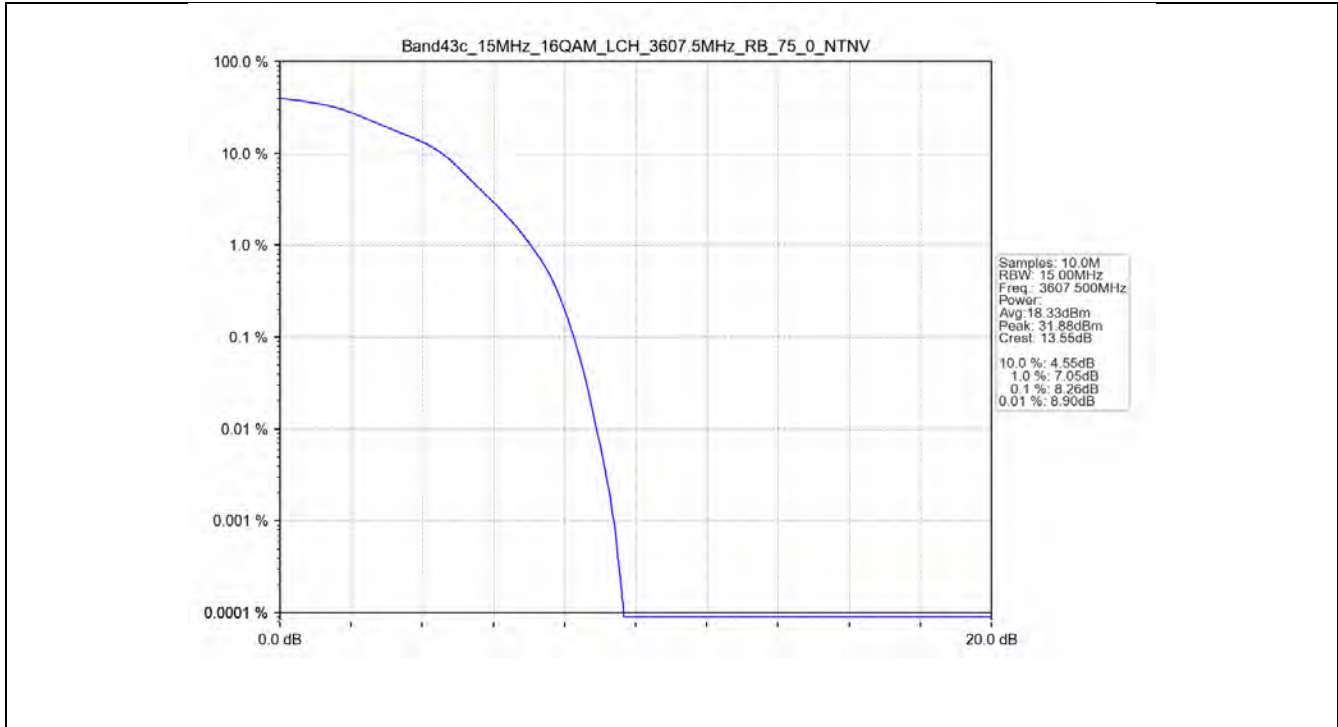


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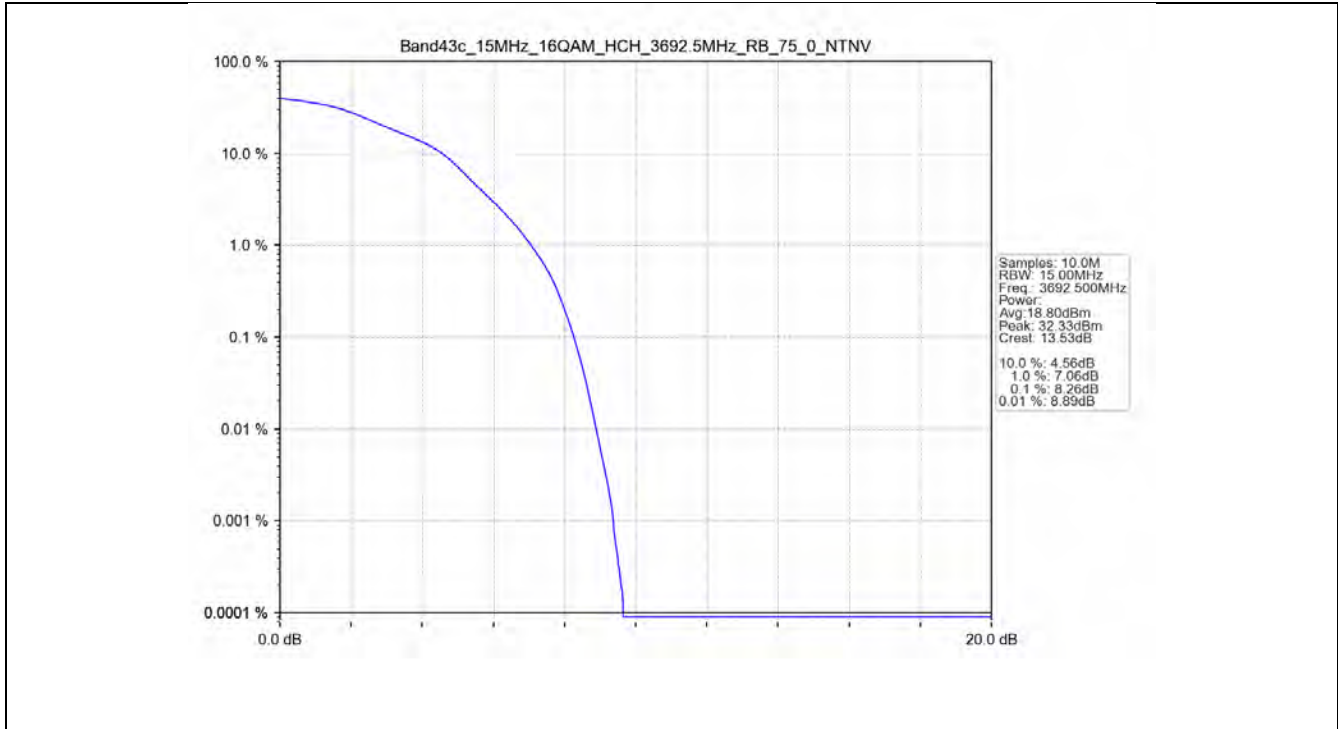


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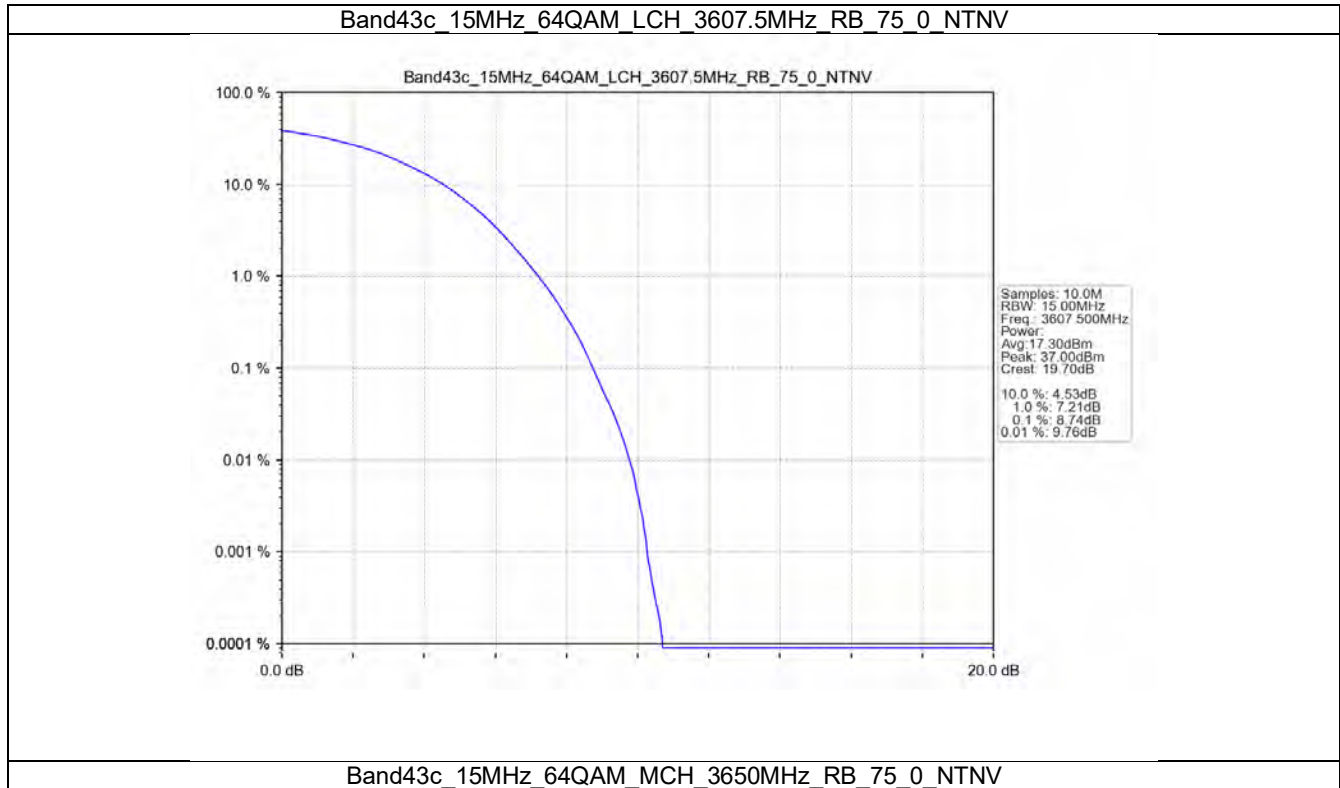


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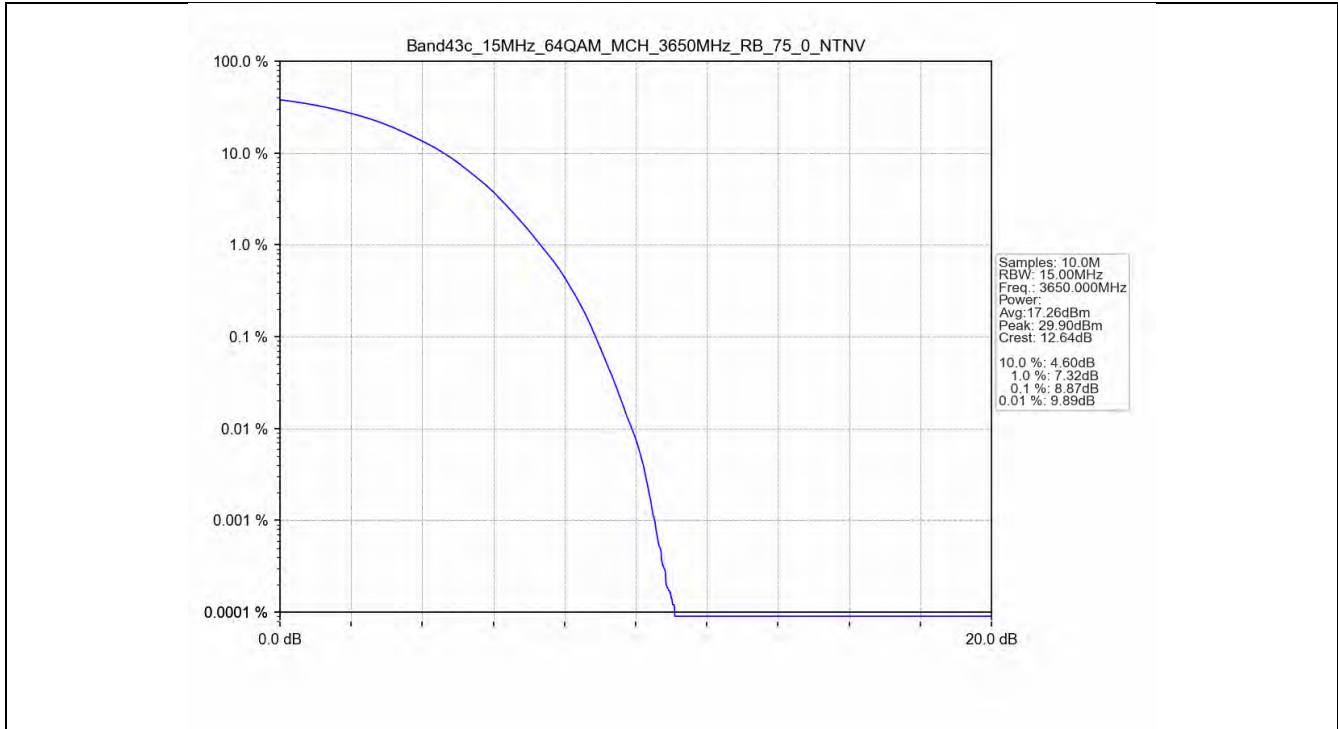


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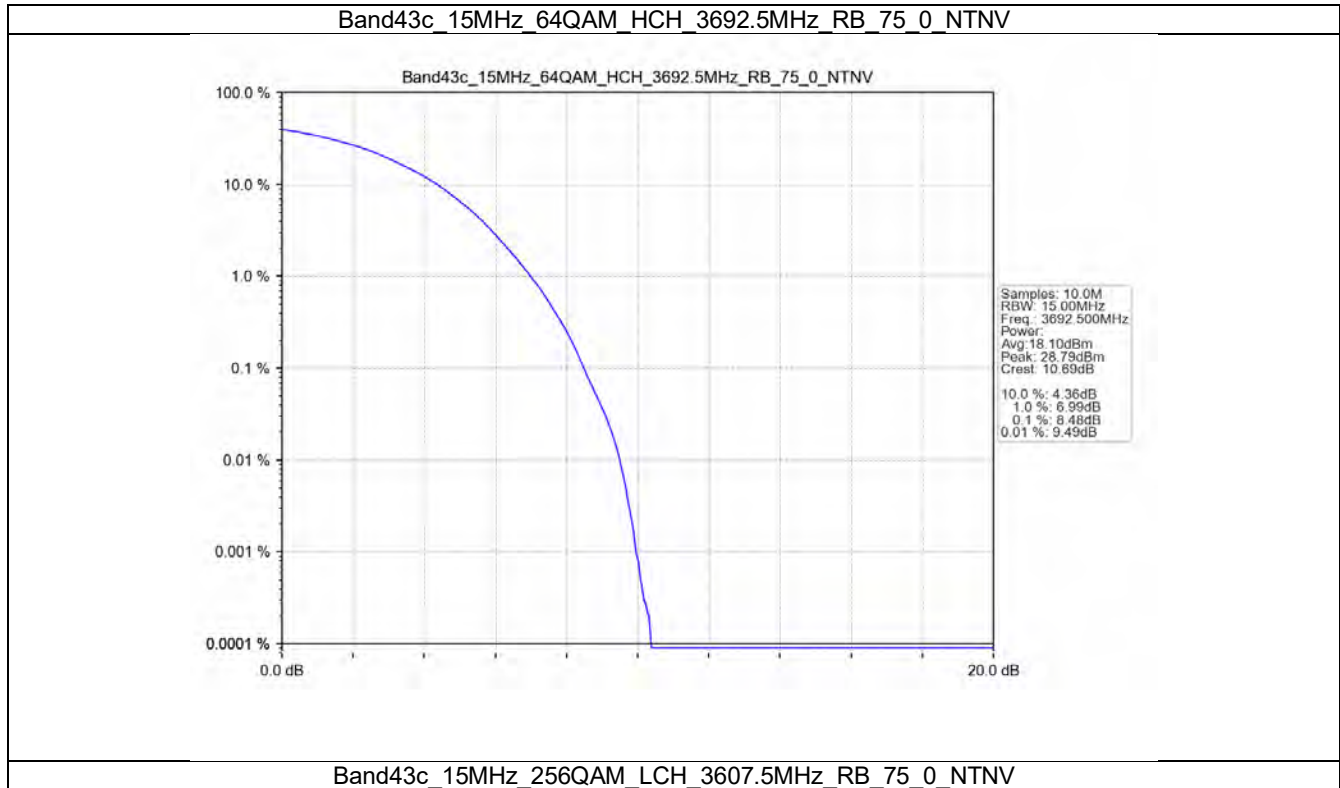


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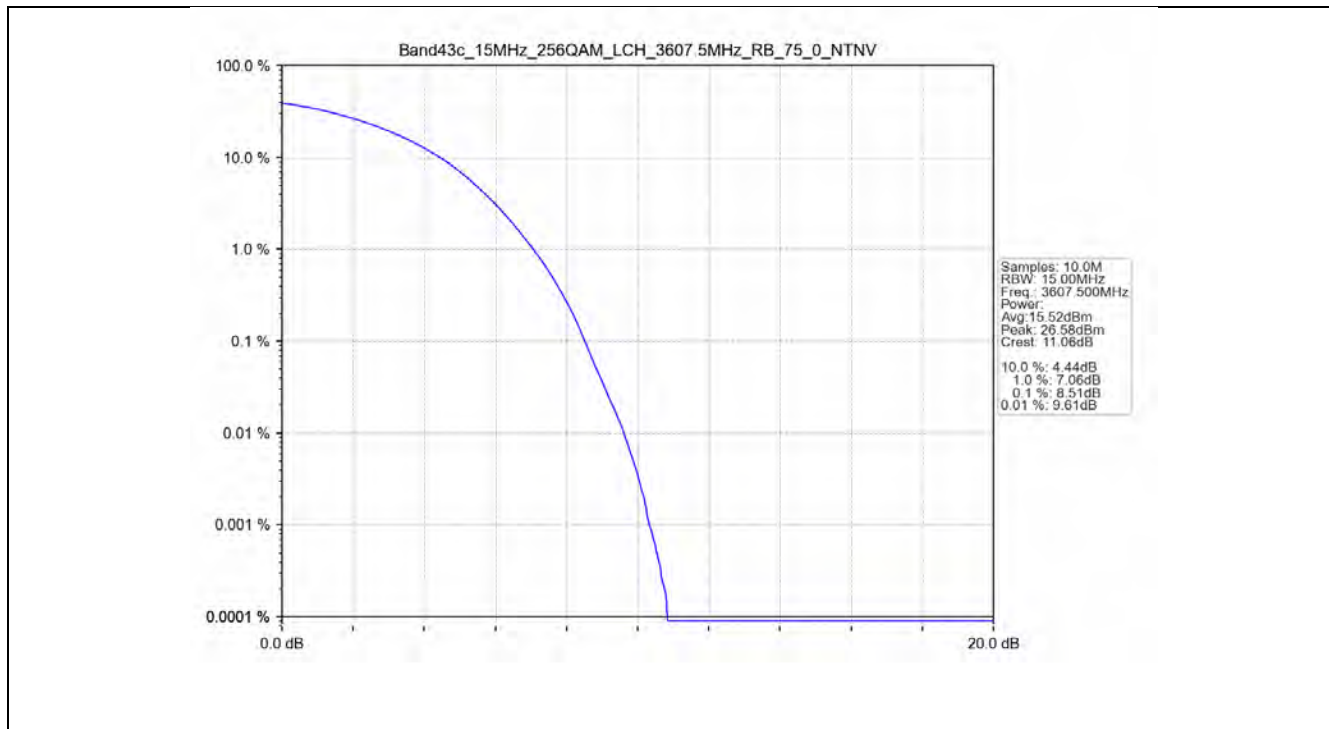
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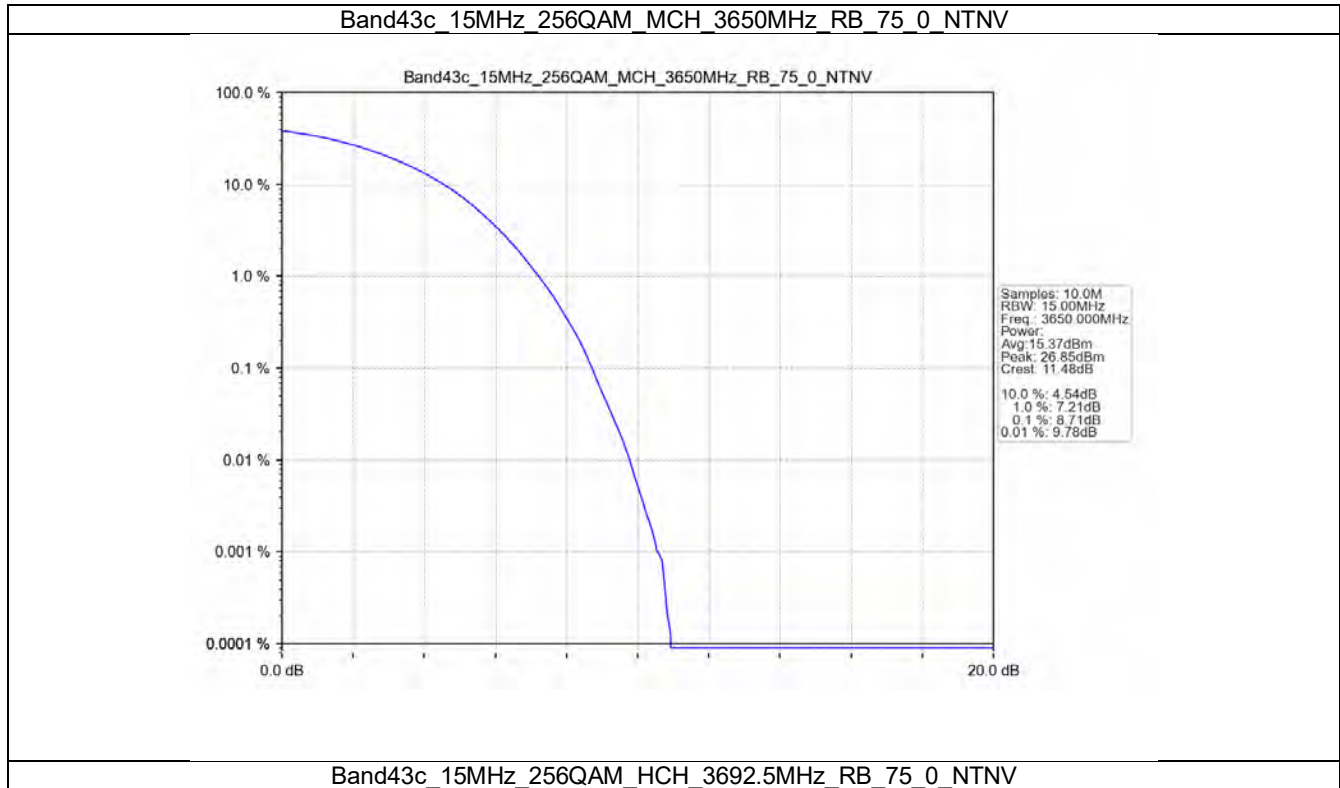


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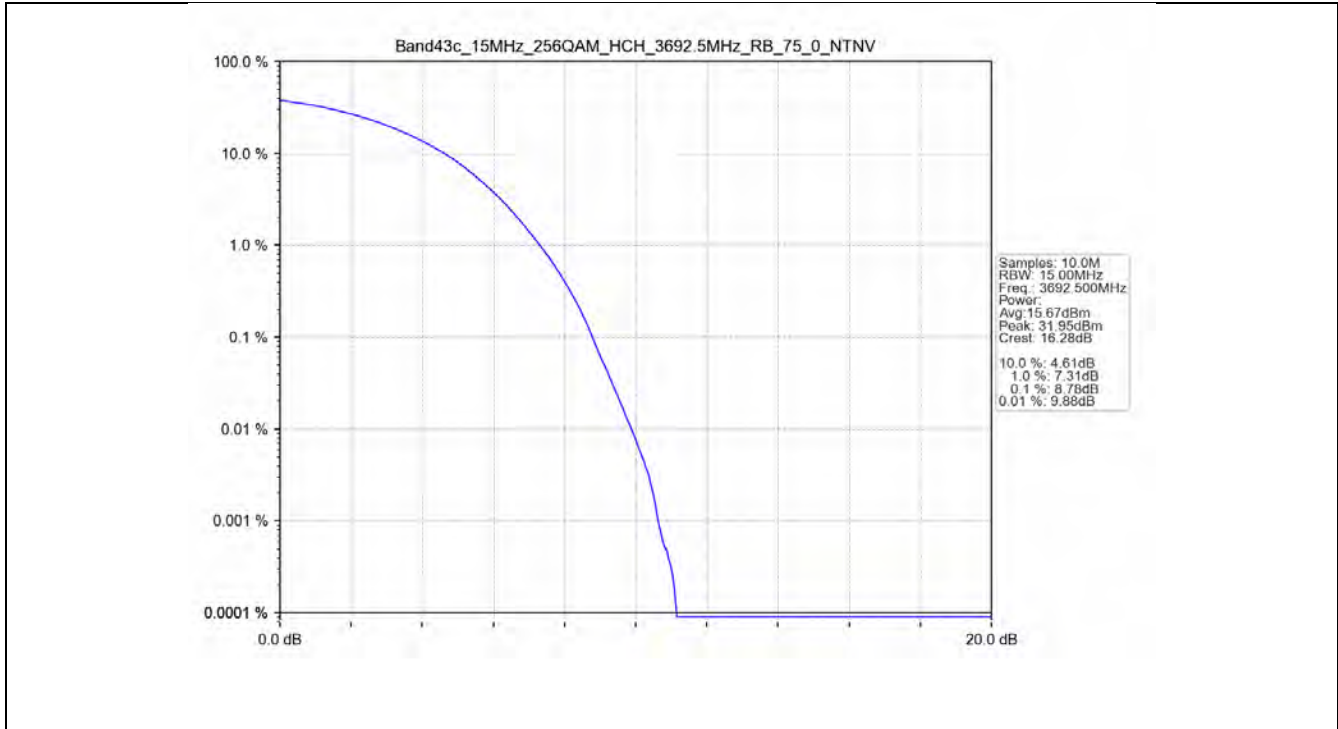


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4.4 B43c_20MHz

4.4.1 Test Result

Band: 43c / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3610	100	0	7.46	<=13	Pass
	3650	100	0	8.08	<=13	Pass
	3690	100	0	6.99	<=13	Pass
16QAM	3610	100	0	8.24	<=13	Pass
	3650	100	0	8.74	<=13	Pass
	3690	100	0	8.13	<=13	Pass
64QAM	3610	100	0	8.79	<=13	Pass
	3650	100	0	8.25	<=13	Pass
	3690	100	0	8.70	<=13	Pass
256QAM	3610	100	0	8.71	<=13	Pass
	3650	100	0	8.64	<=13	Pass
	3690	100	0	8.69	<=13	Pass



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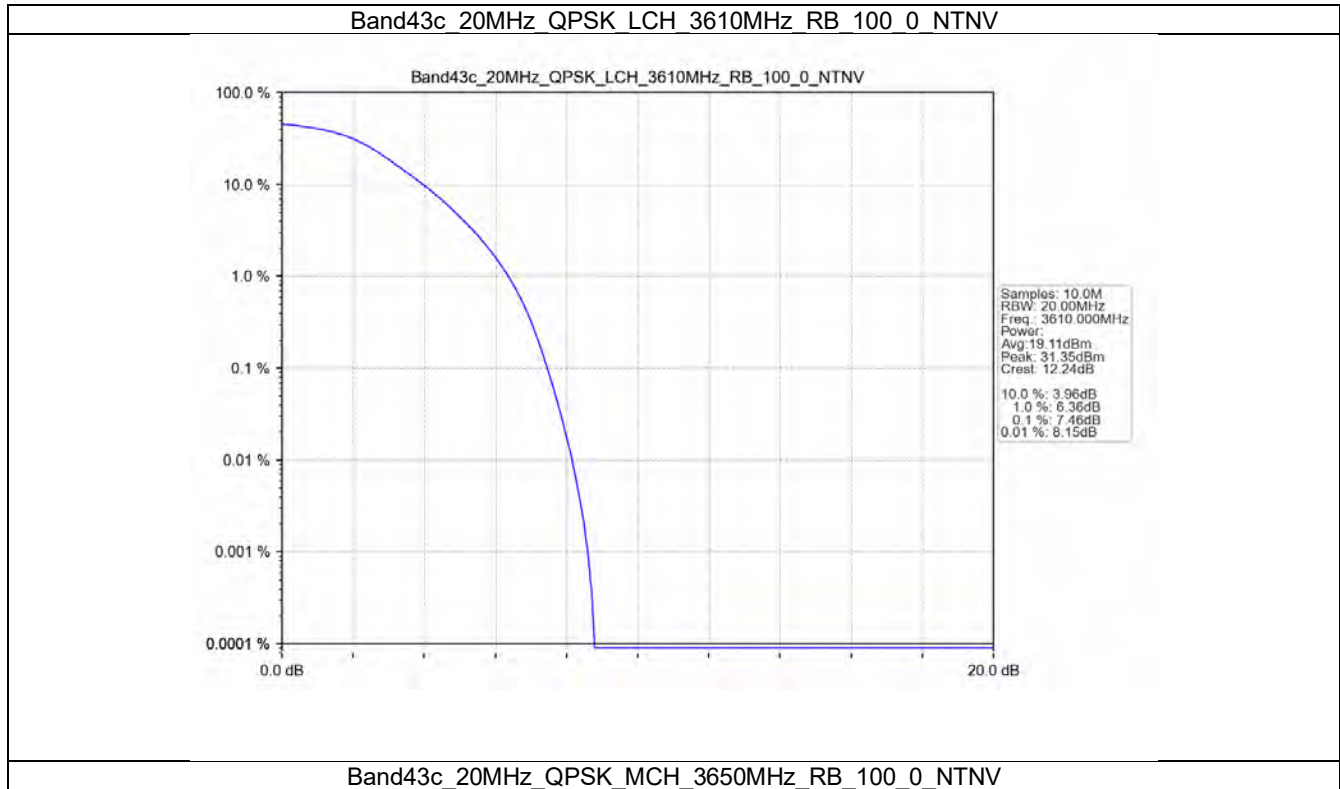
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4.4.2 Test Graph



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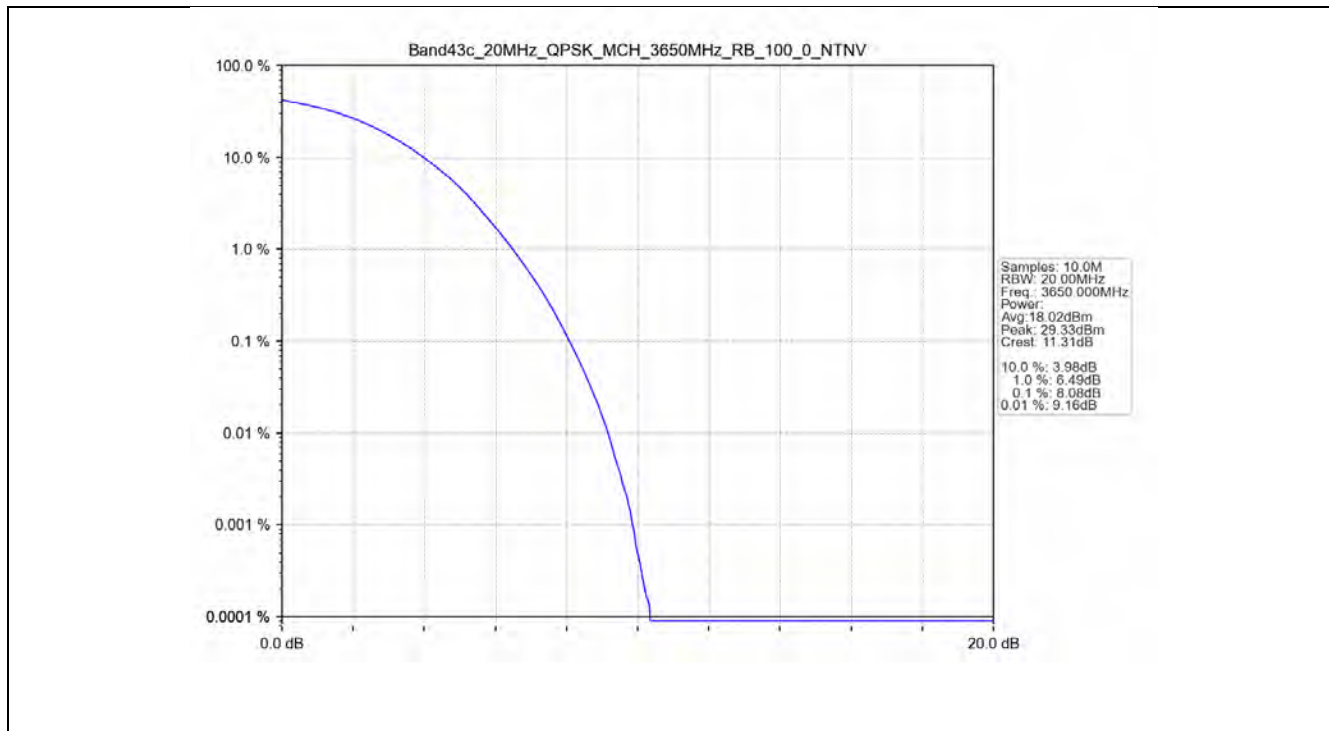
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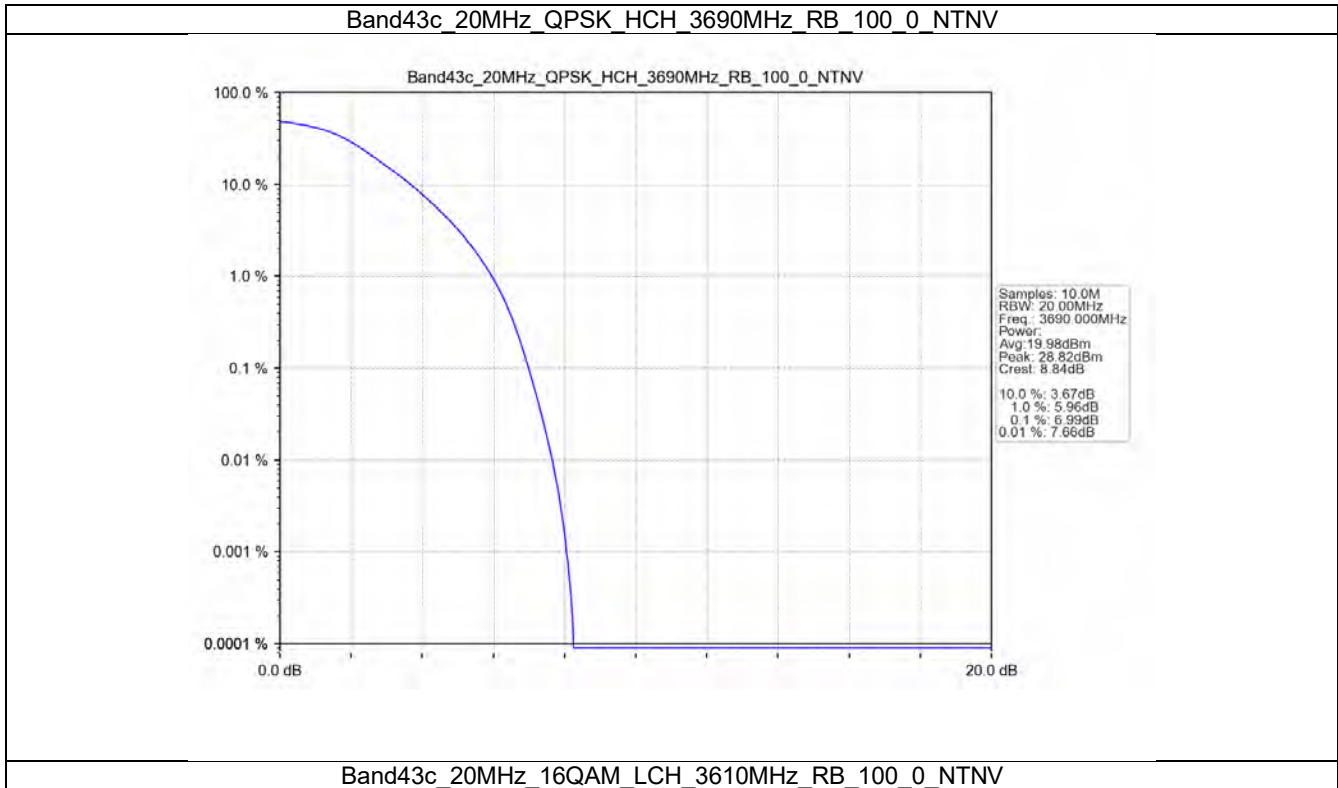


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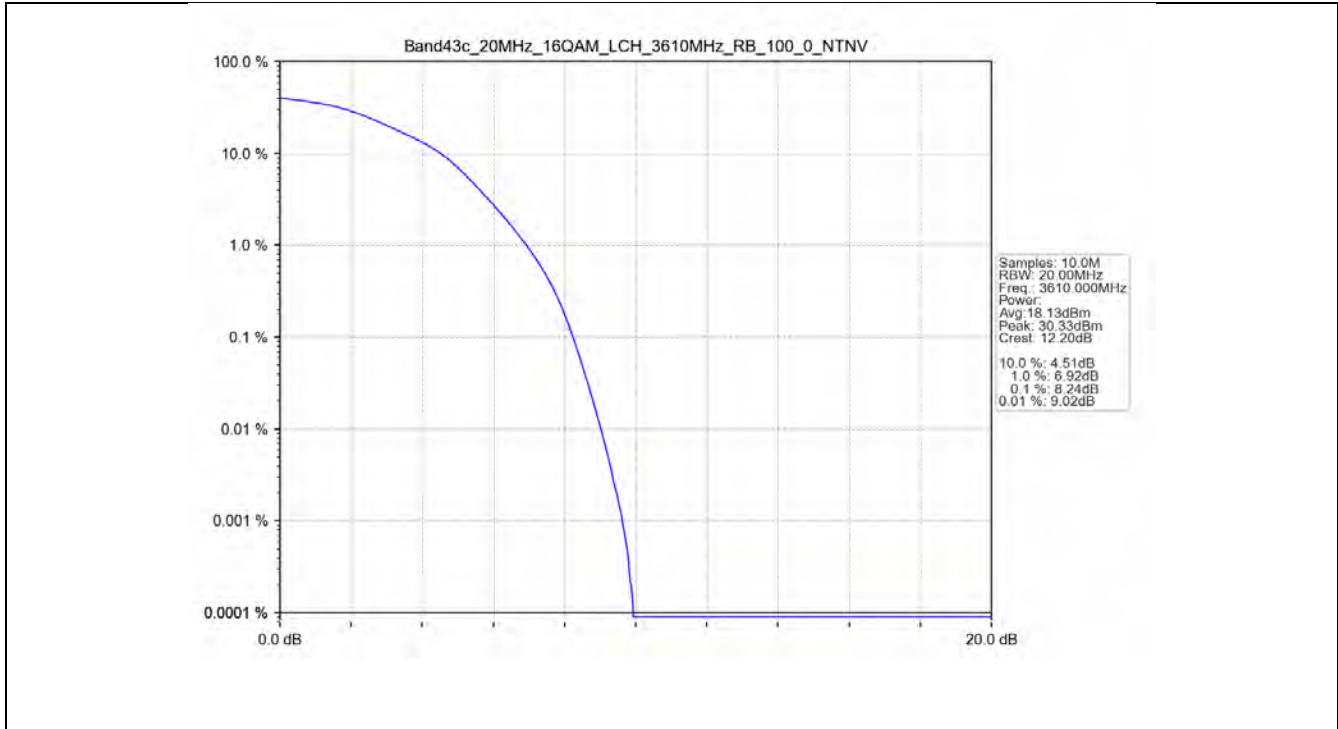


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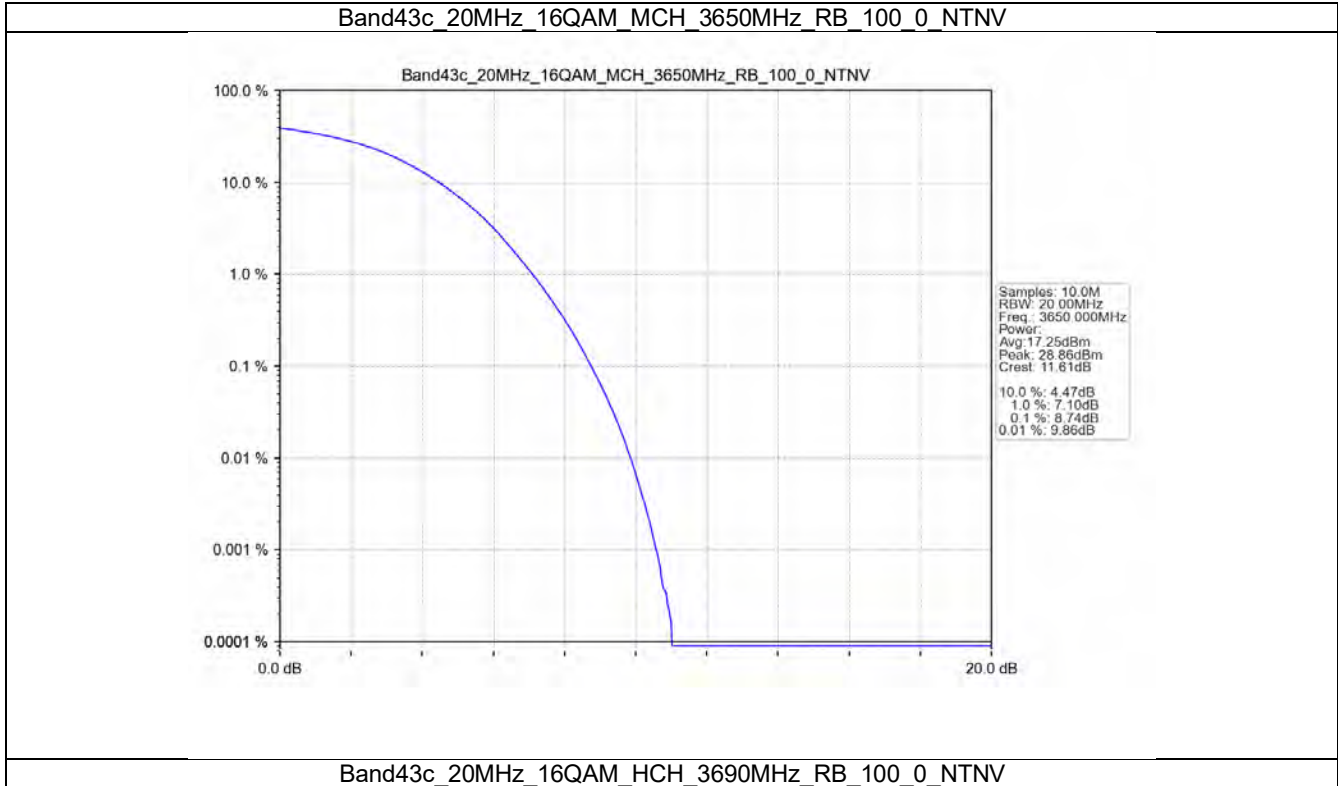


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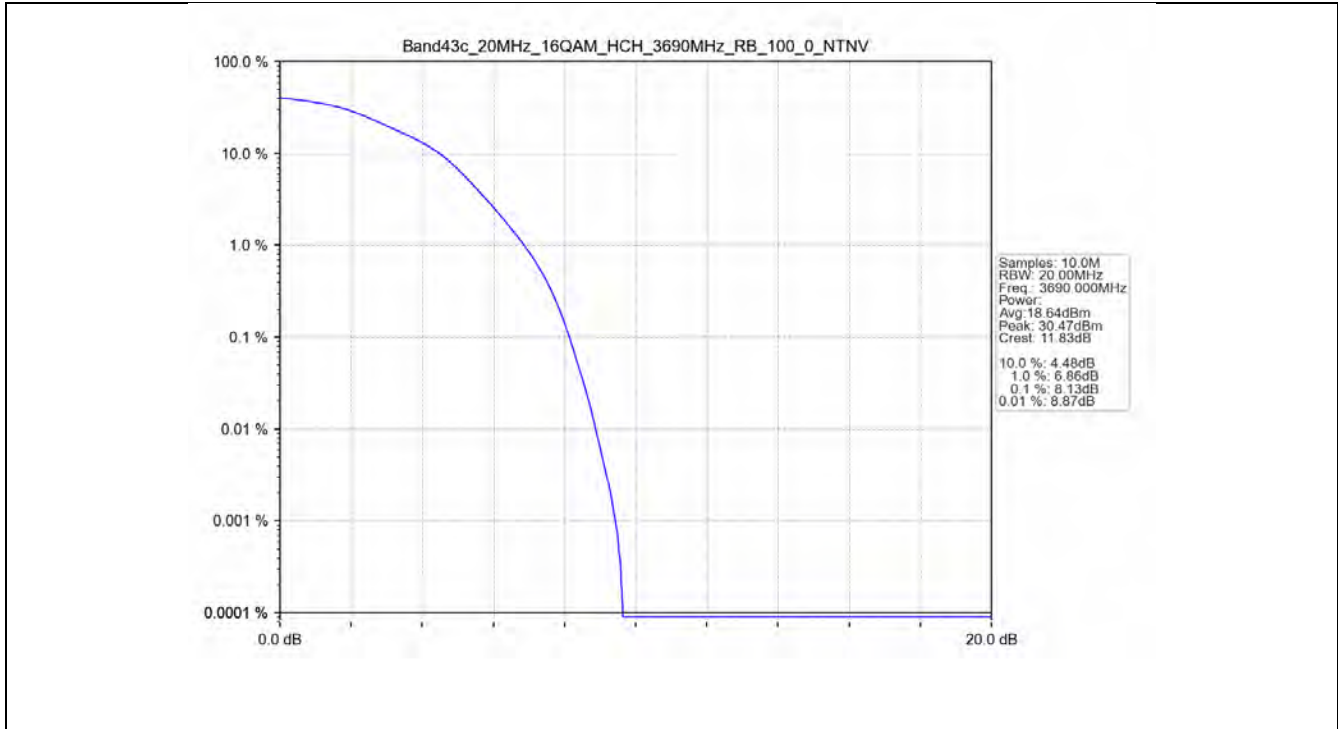


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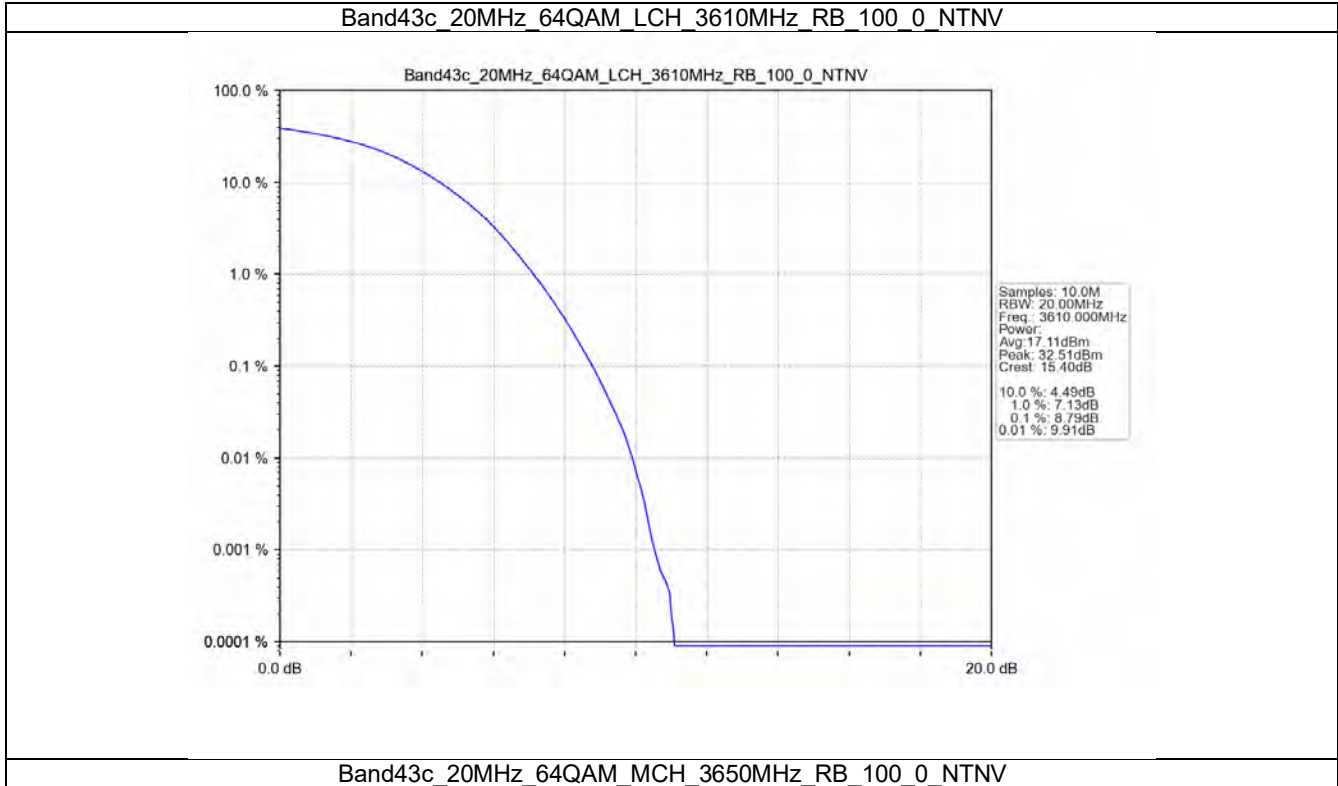


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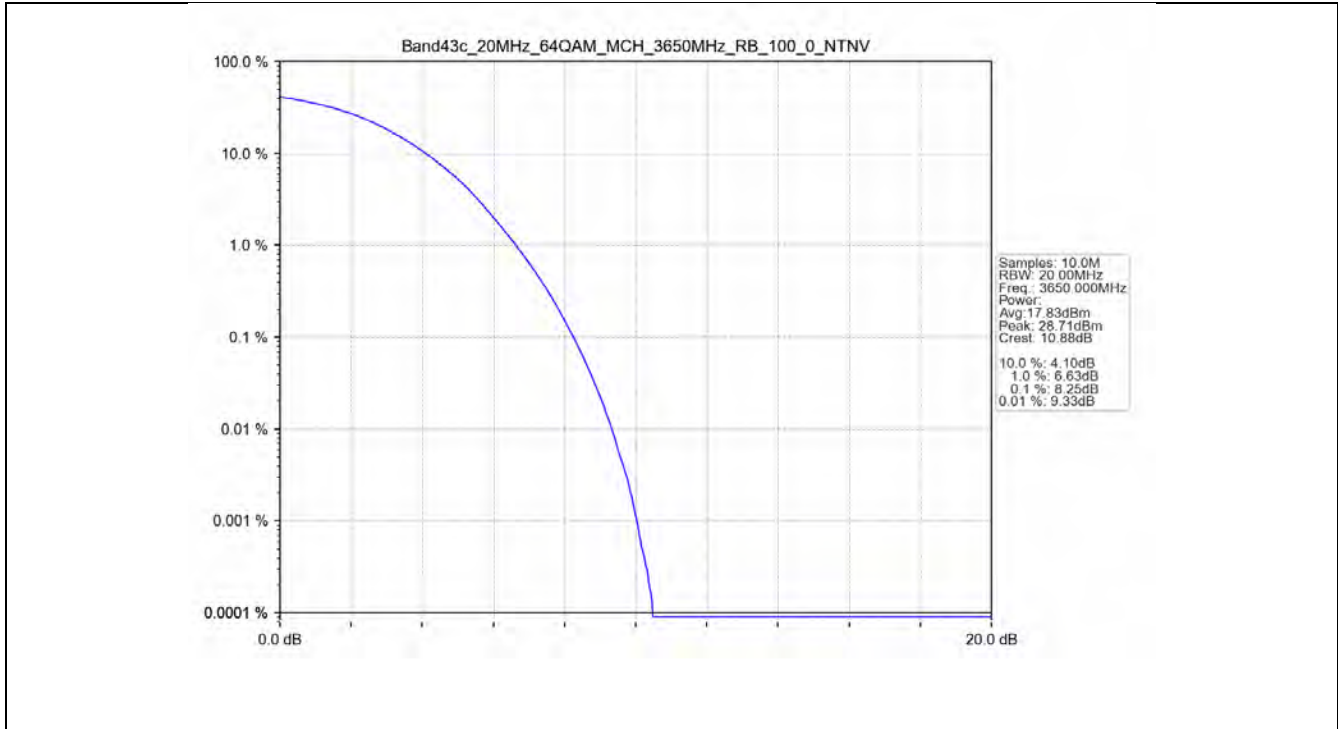


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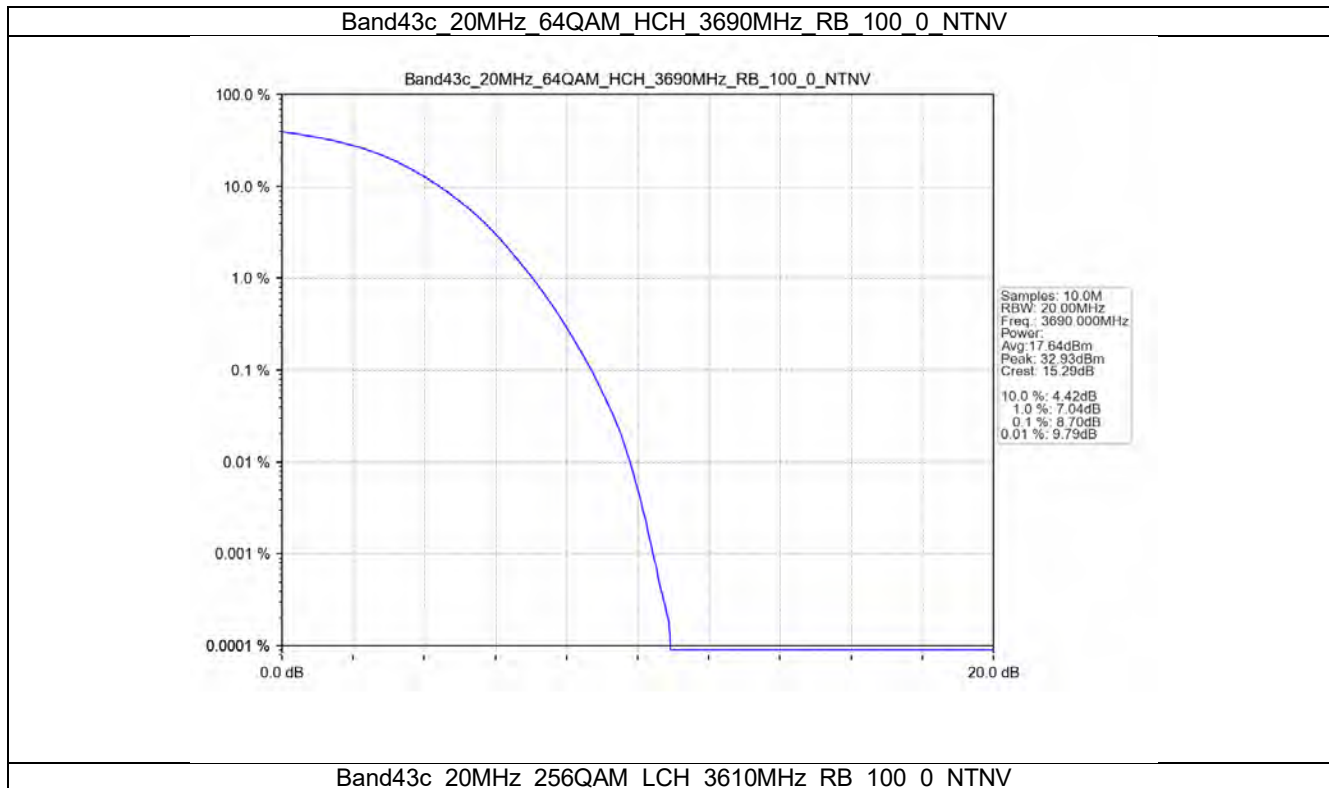
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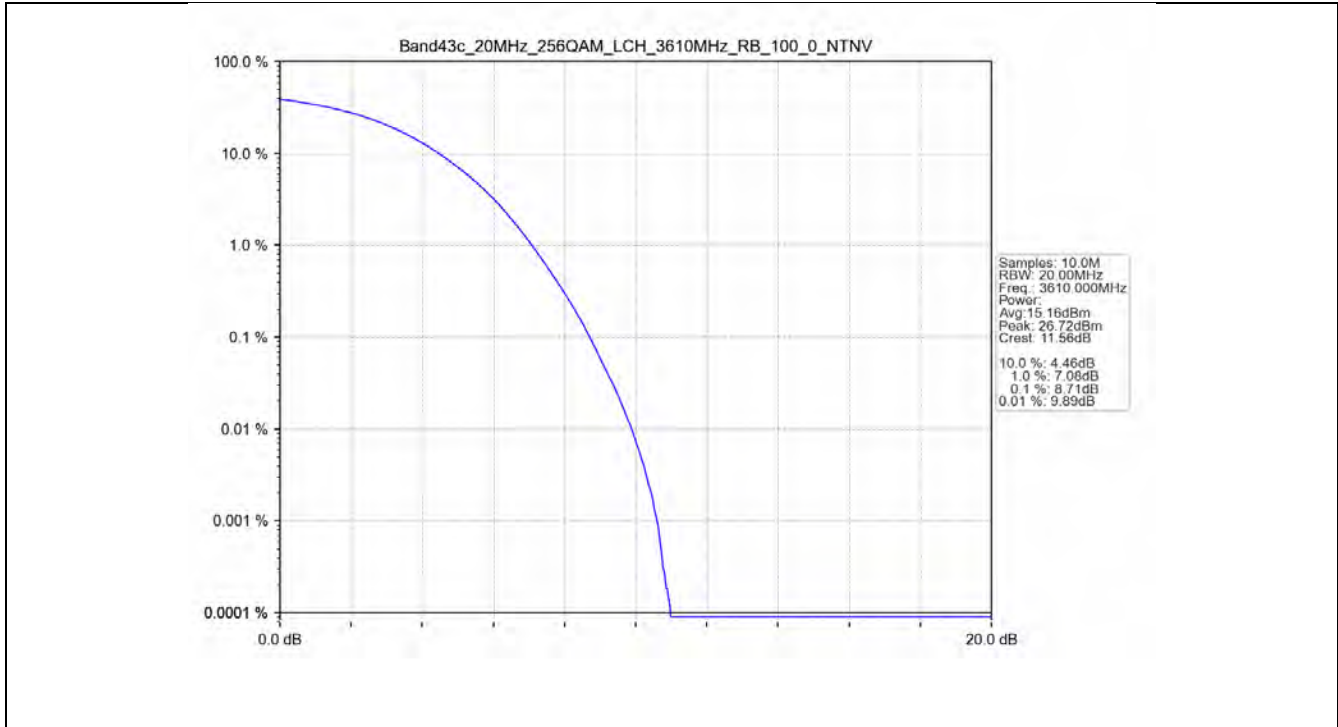


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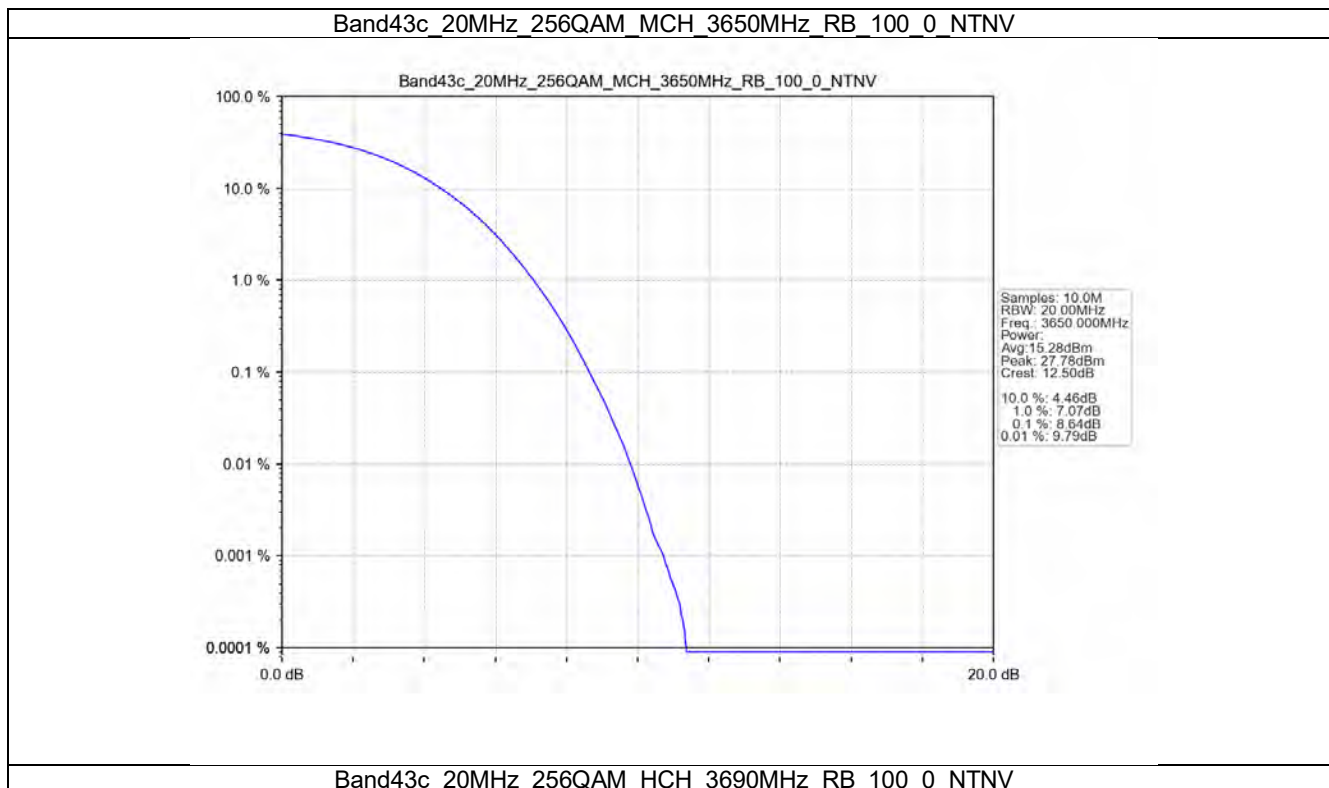
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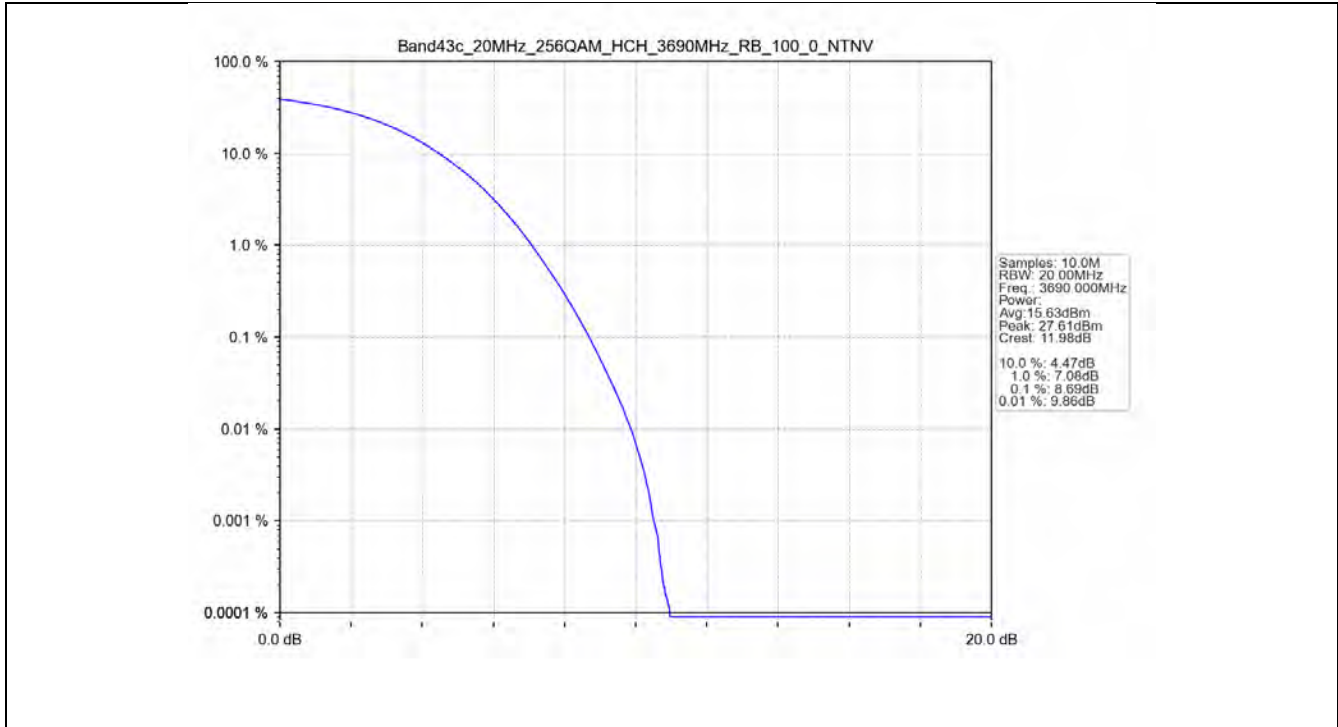
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5. Spurious Emission & Band Edges

5.1 B43c_5MHz

5.1.1 Test Result

Band: 43c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3602.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3602.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	3602.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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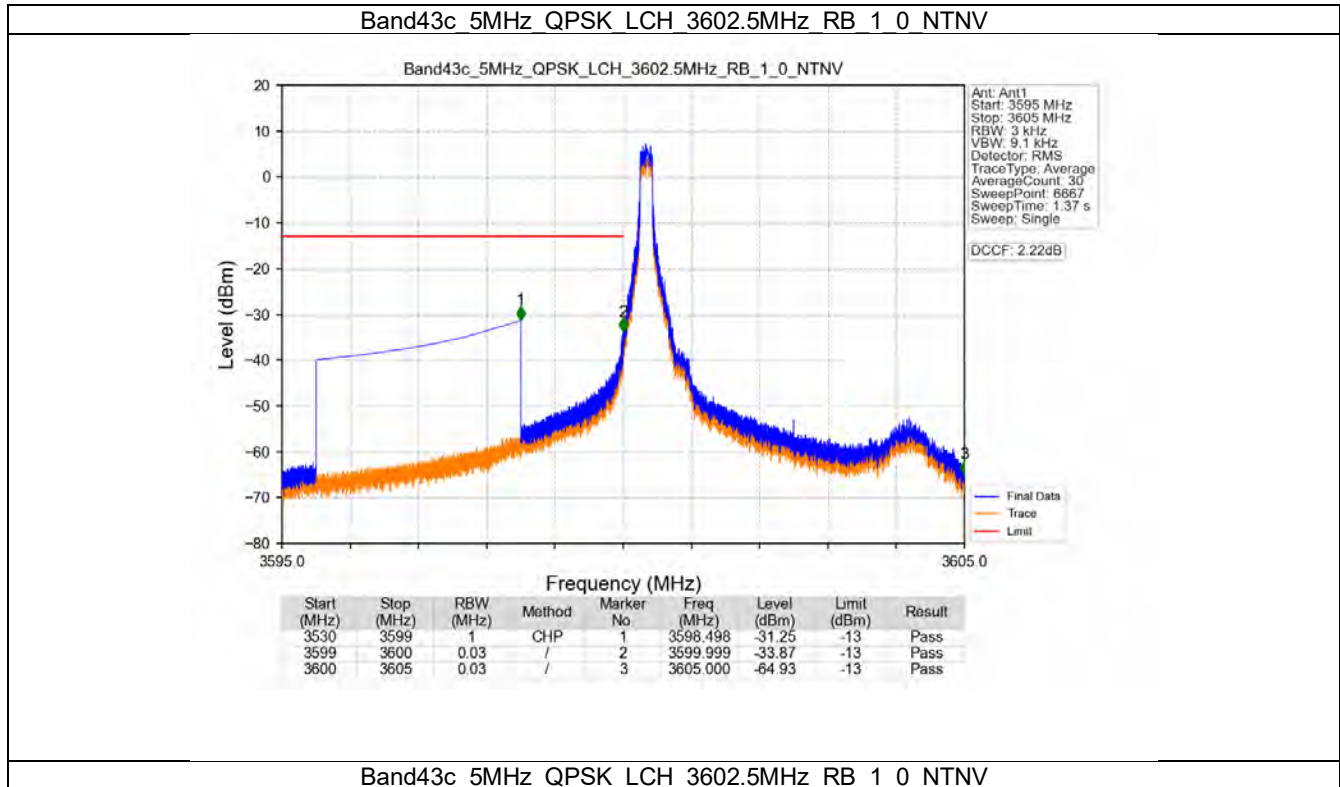
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5.1.2 Test Graph



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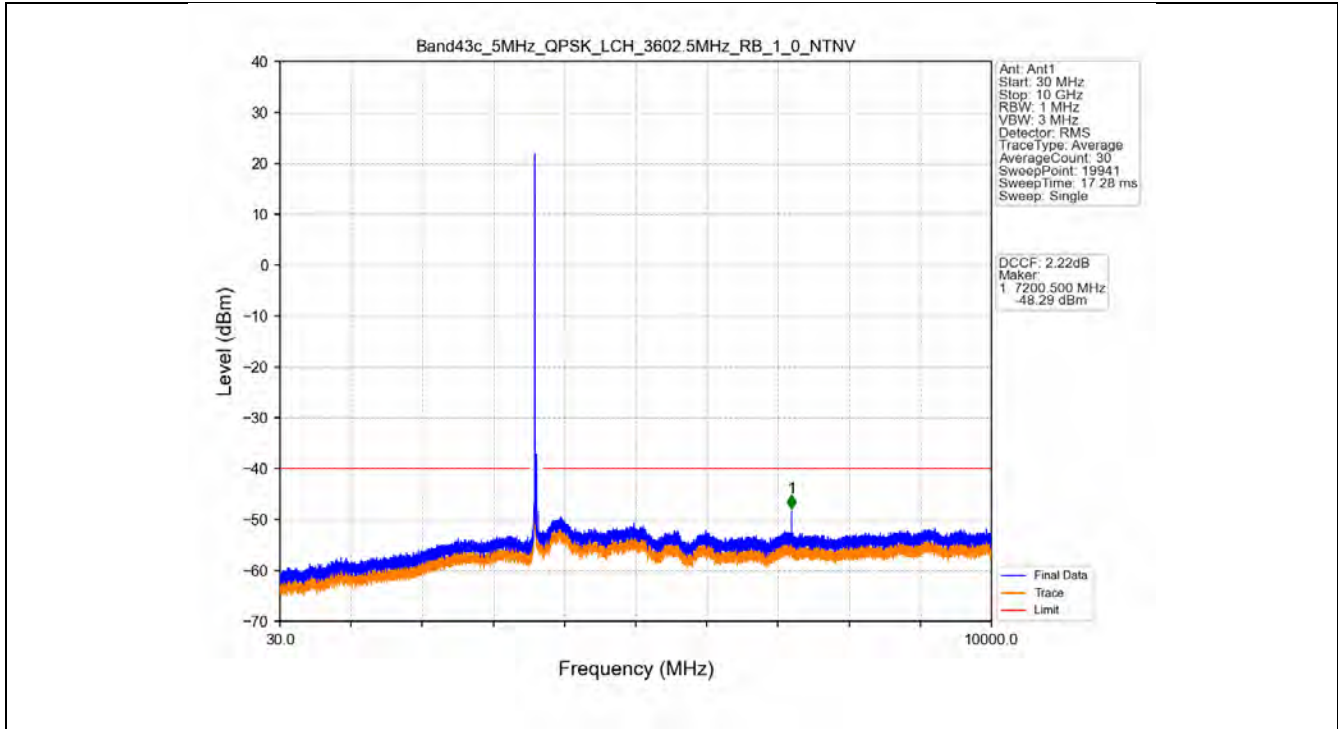


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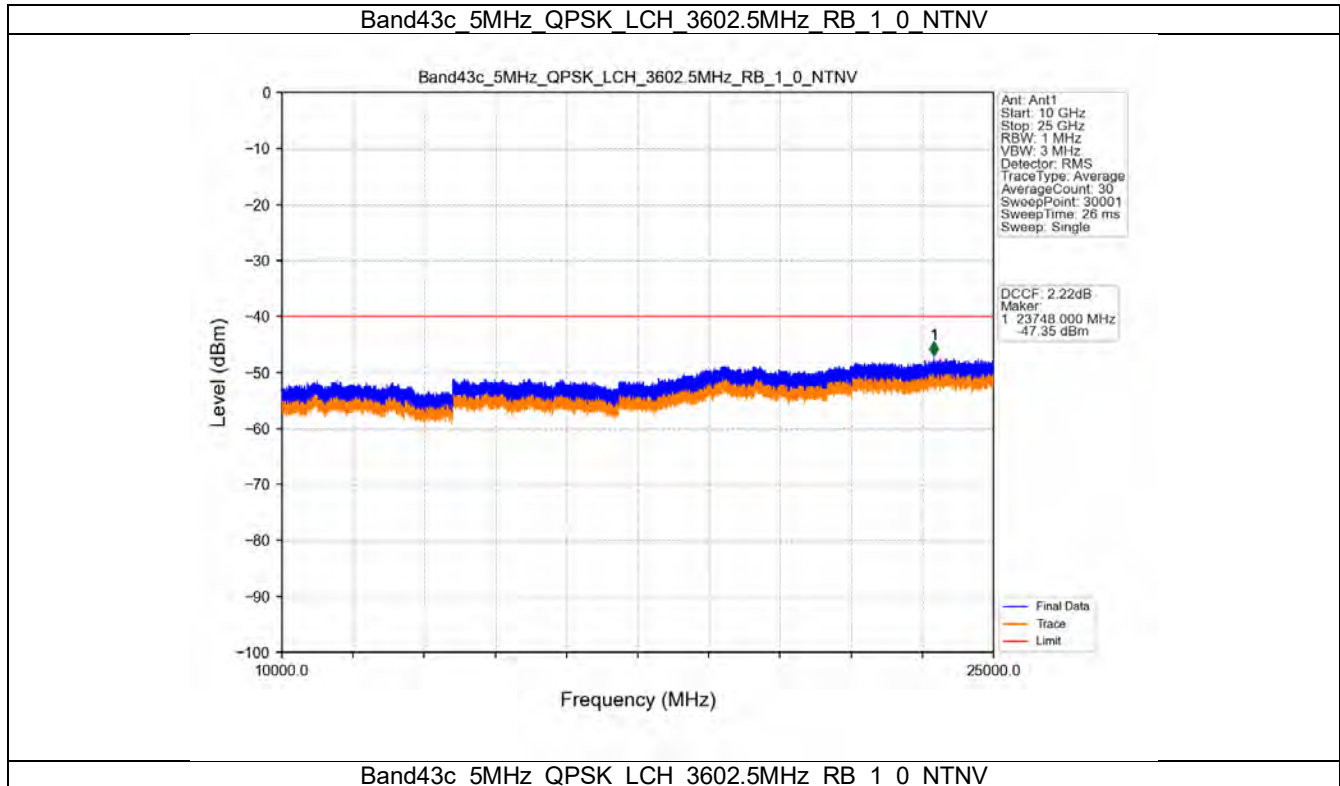


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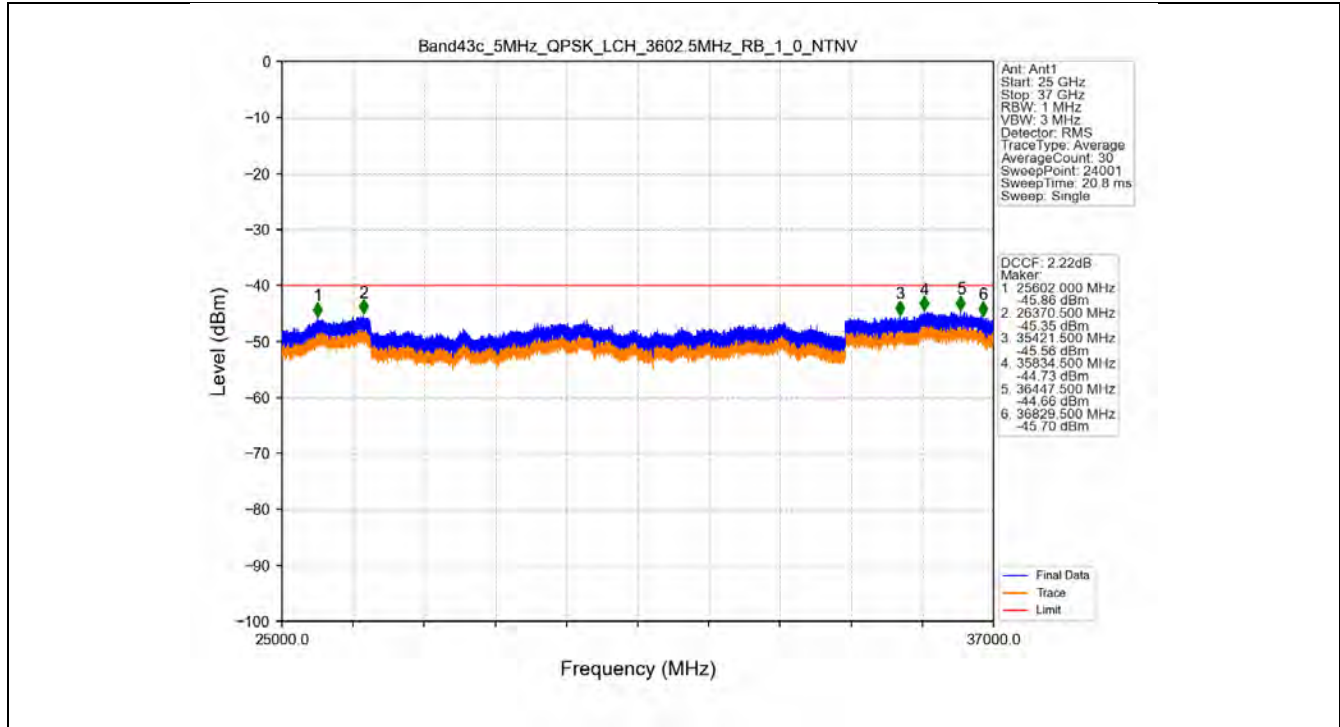


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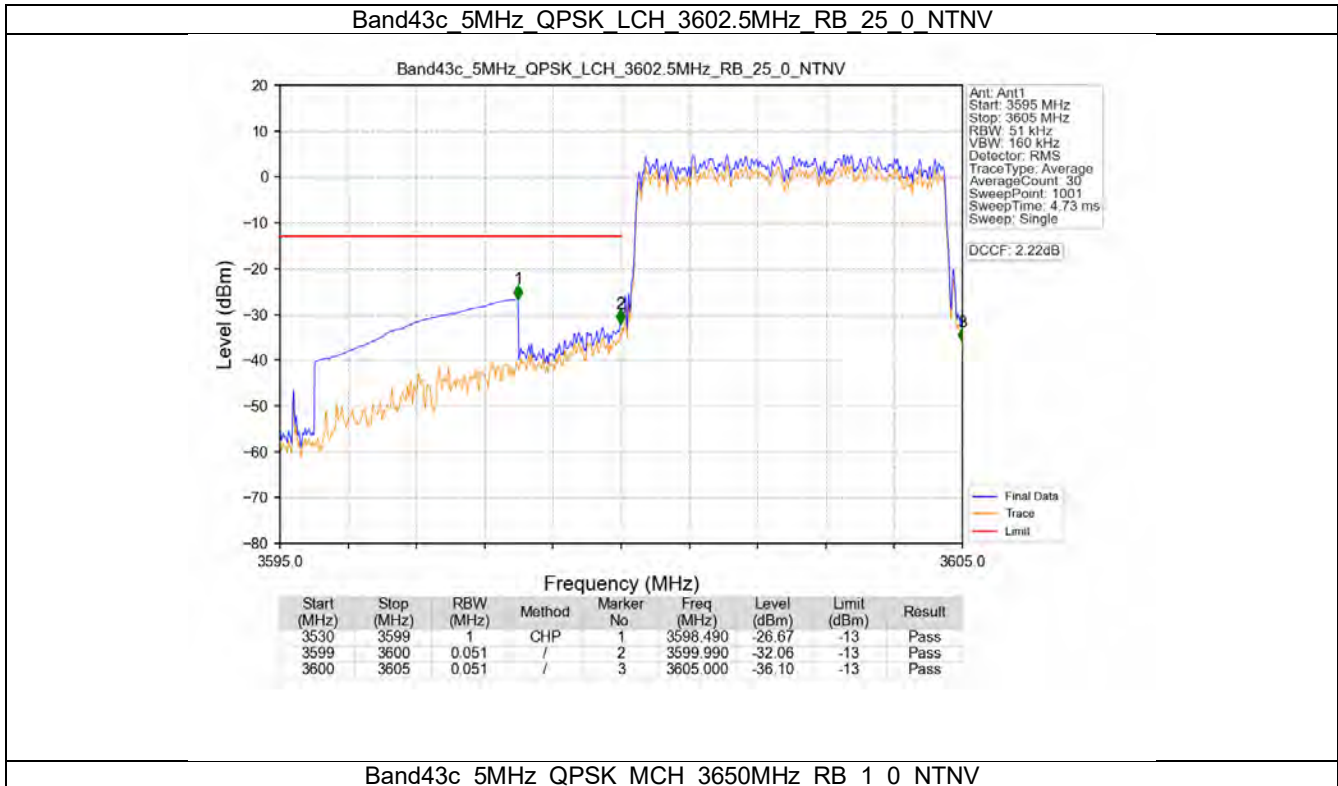


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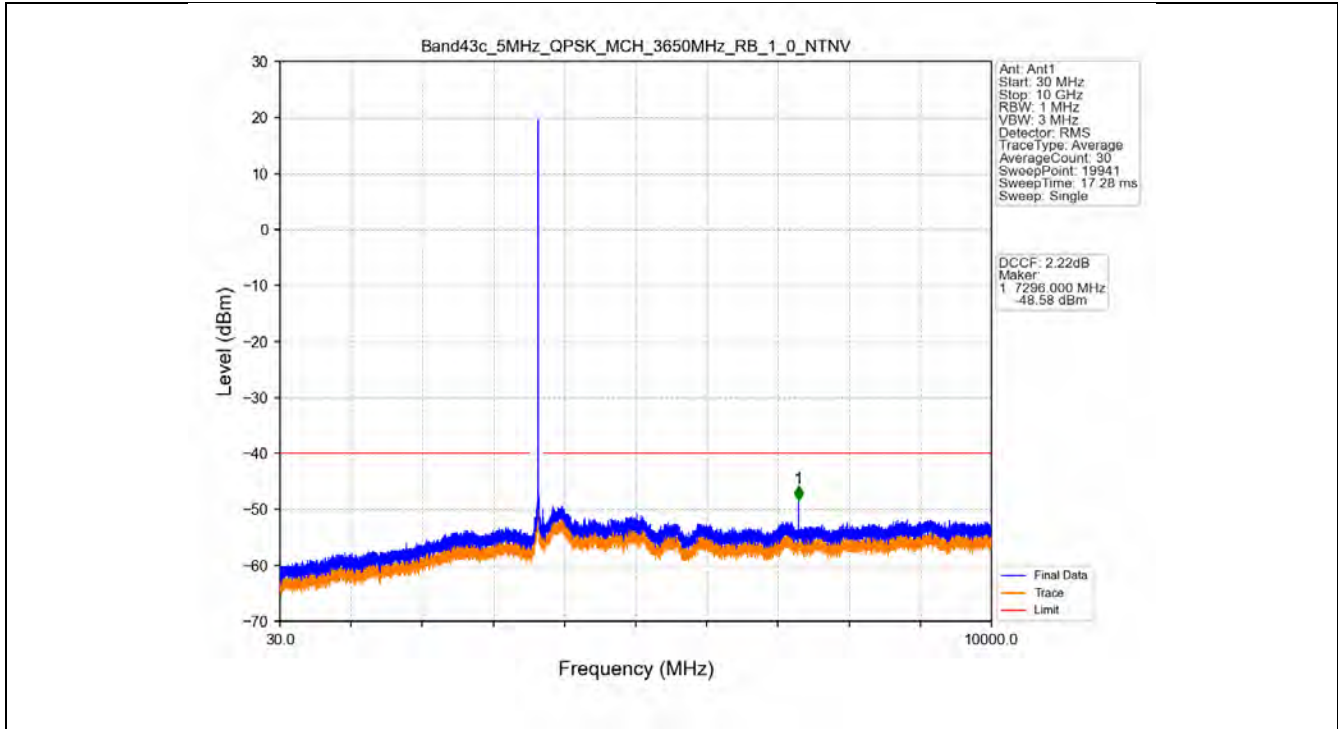


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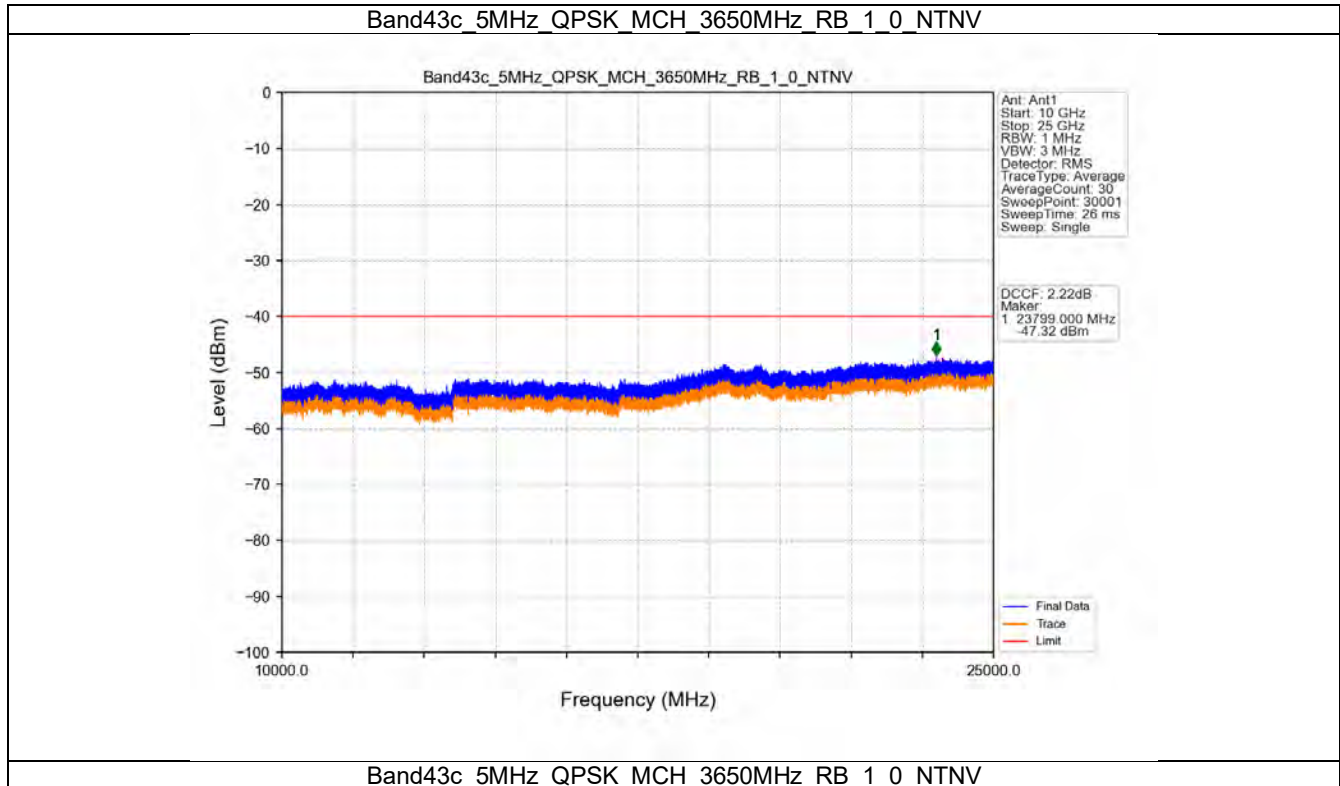


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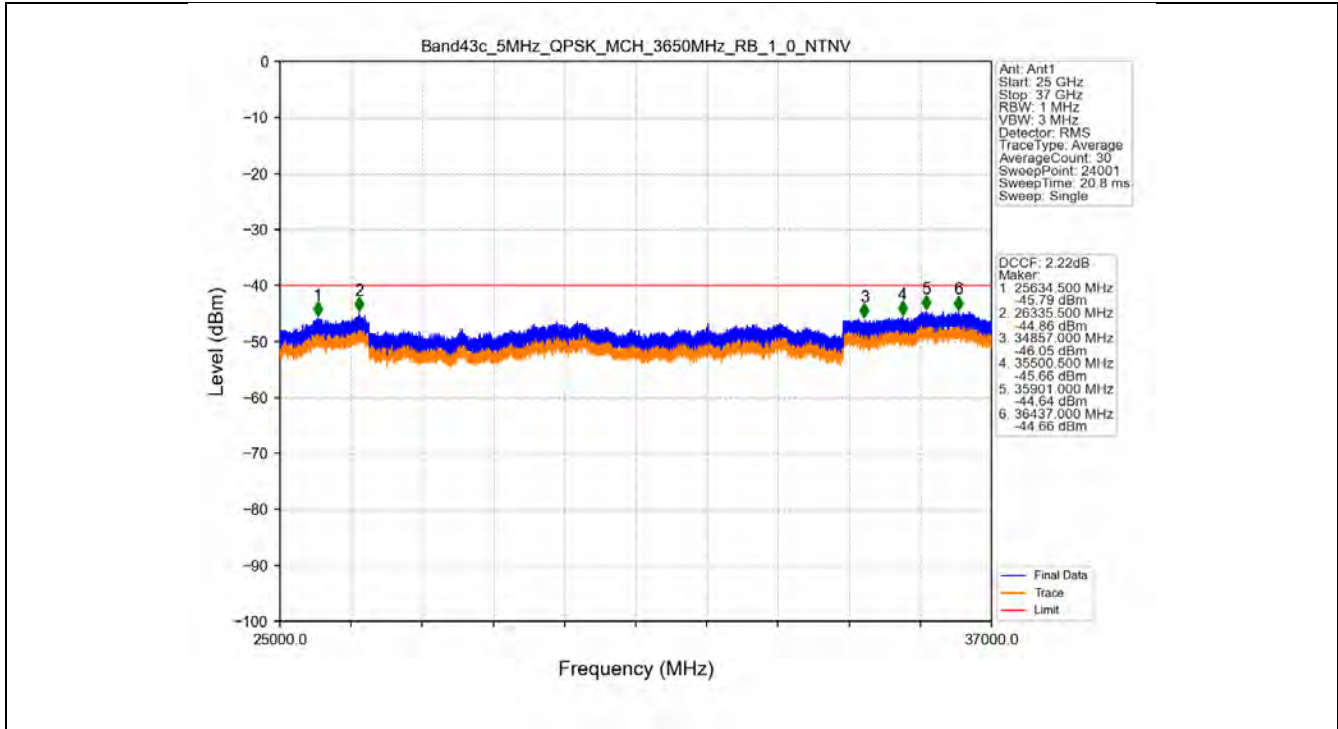


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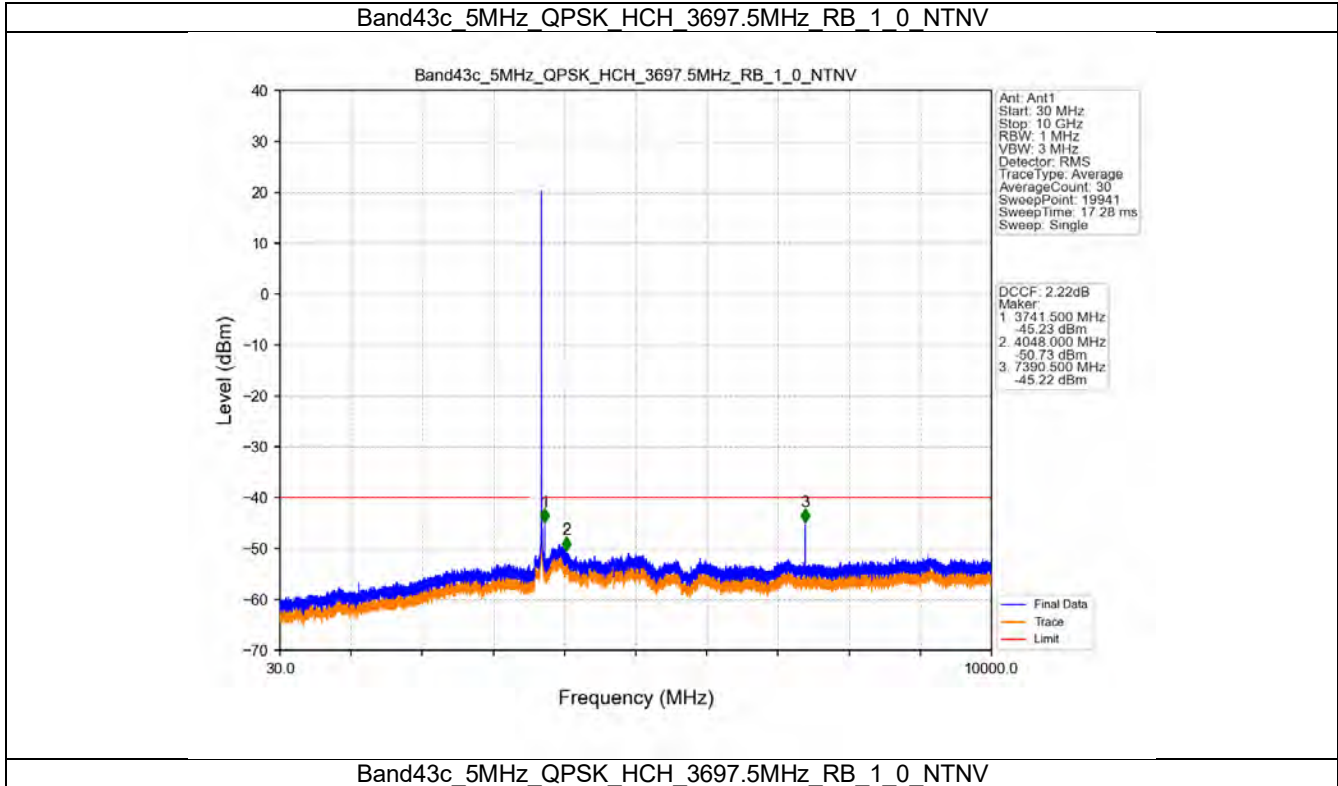


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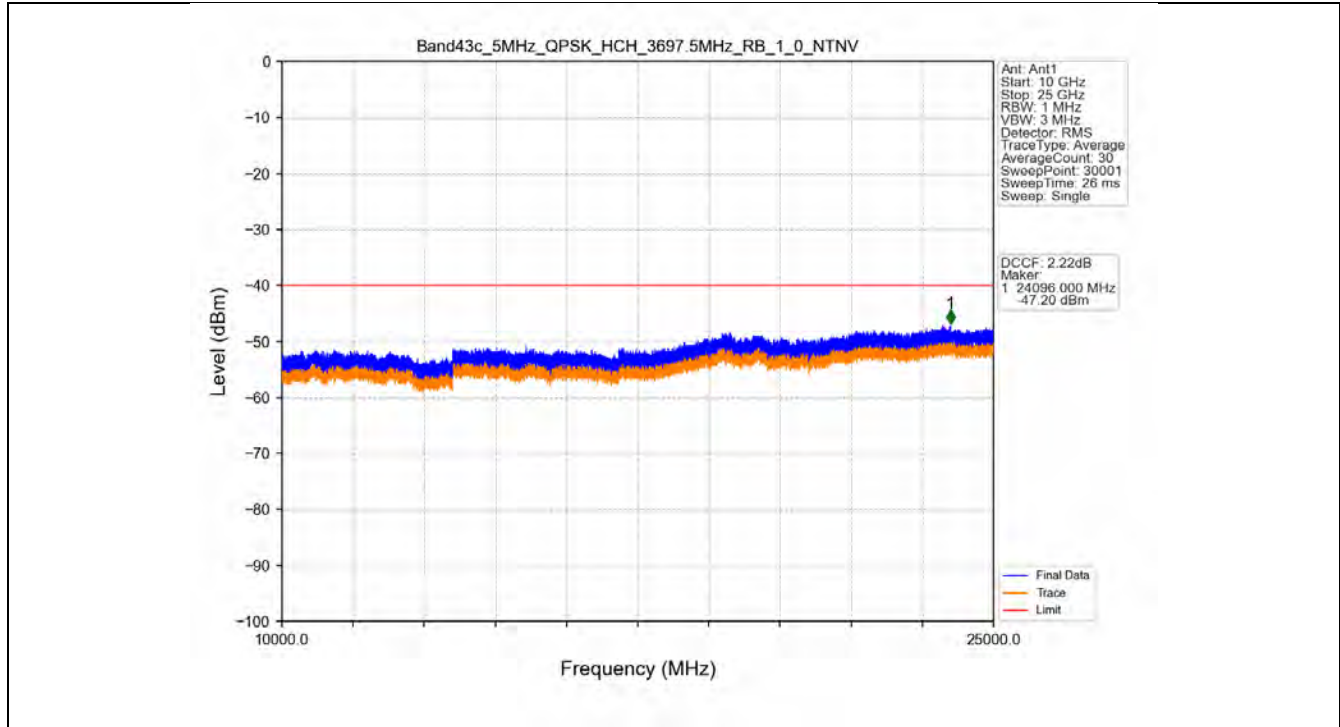


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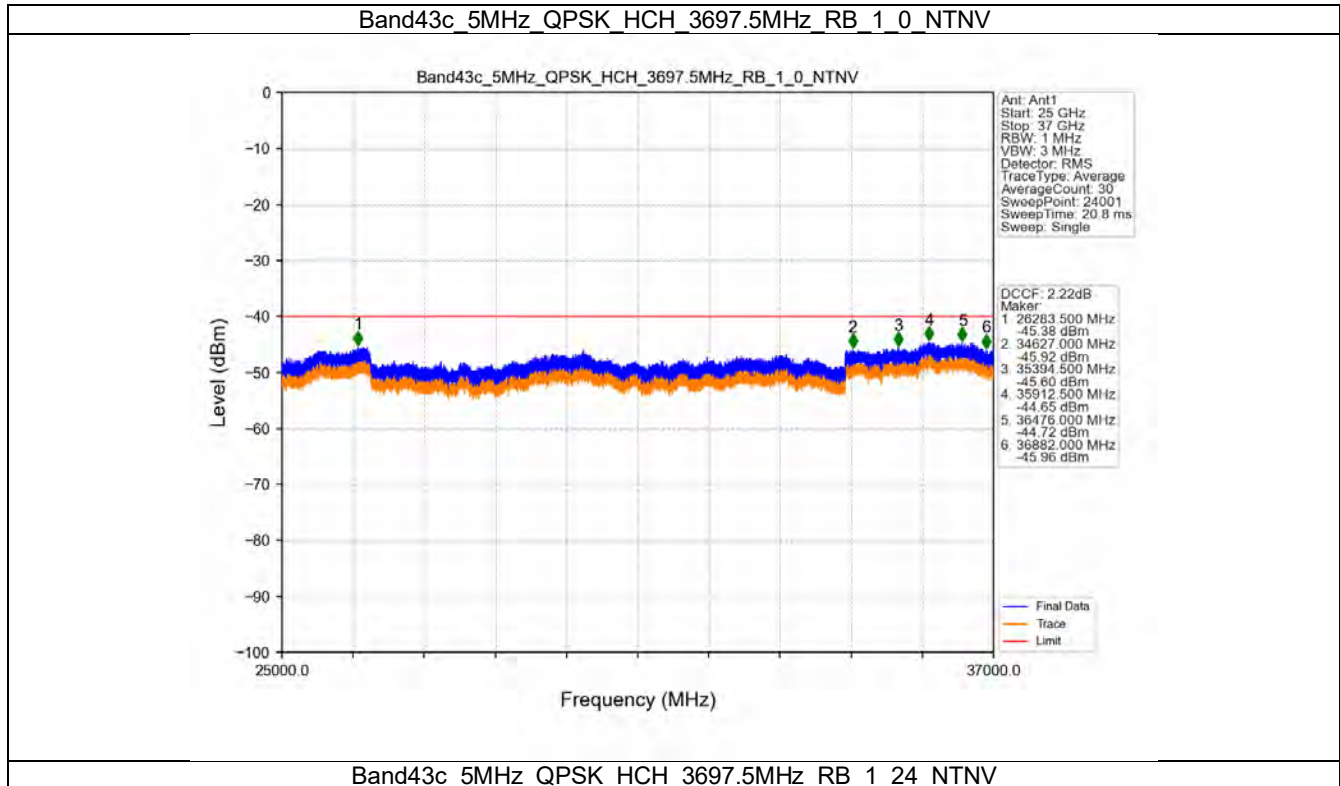


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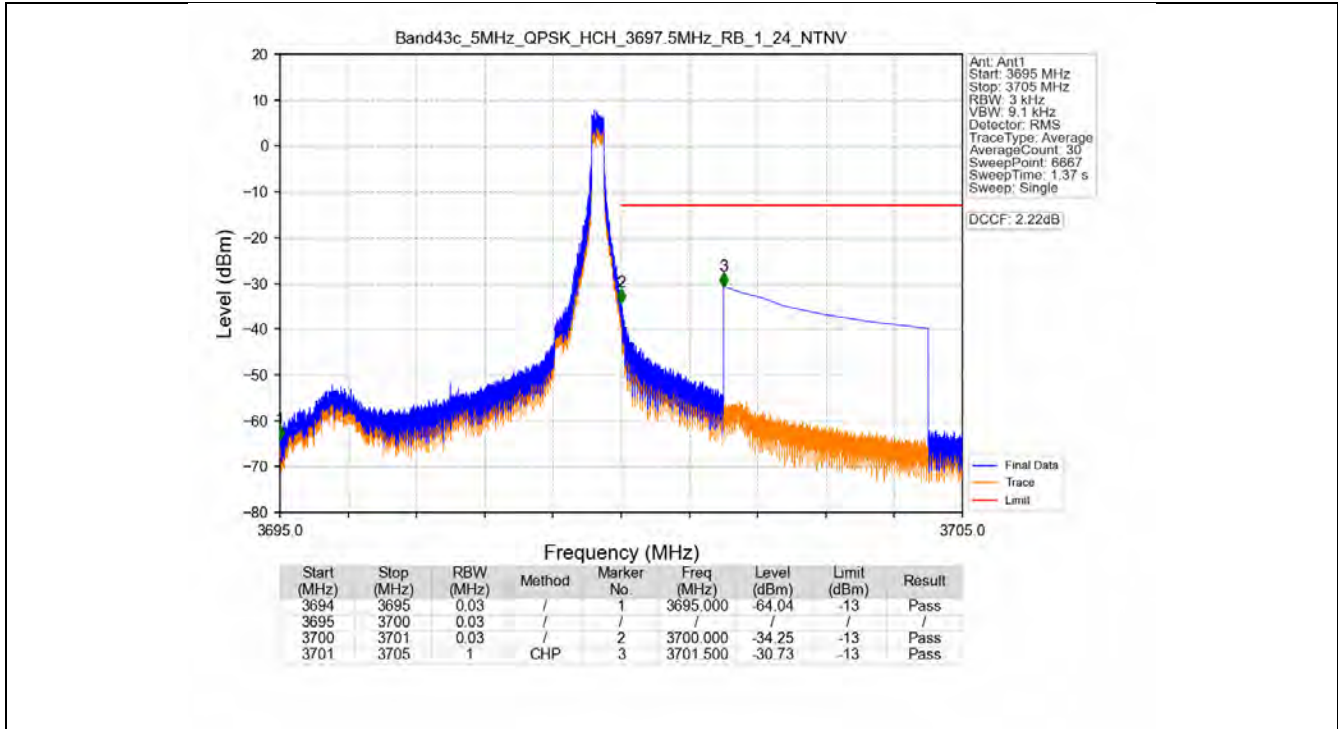


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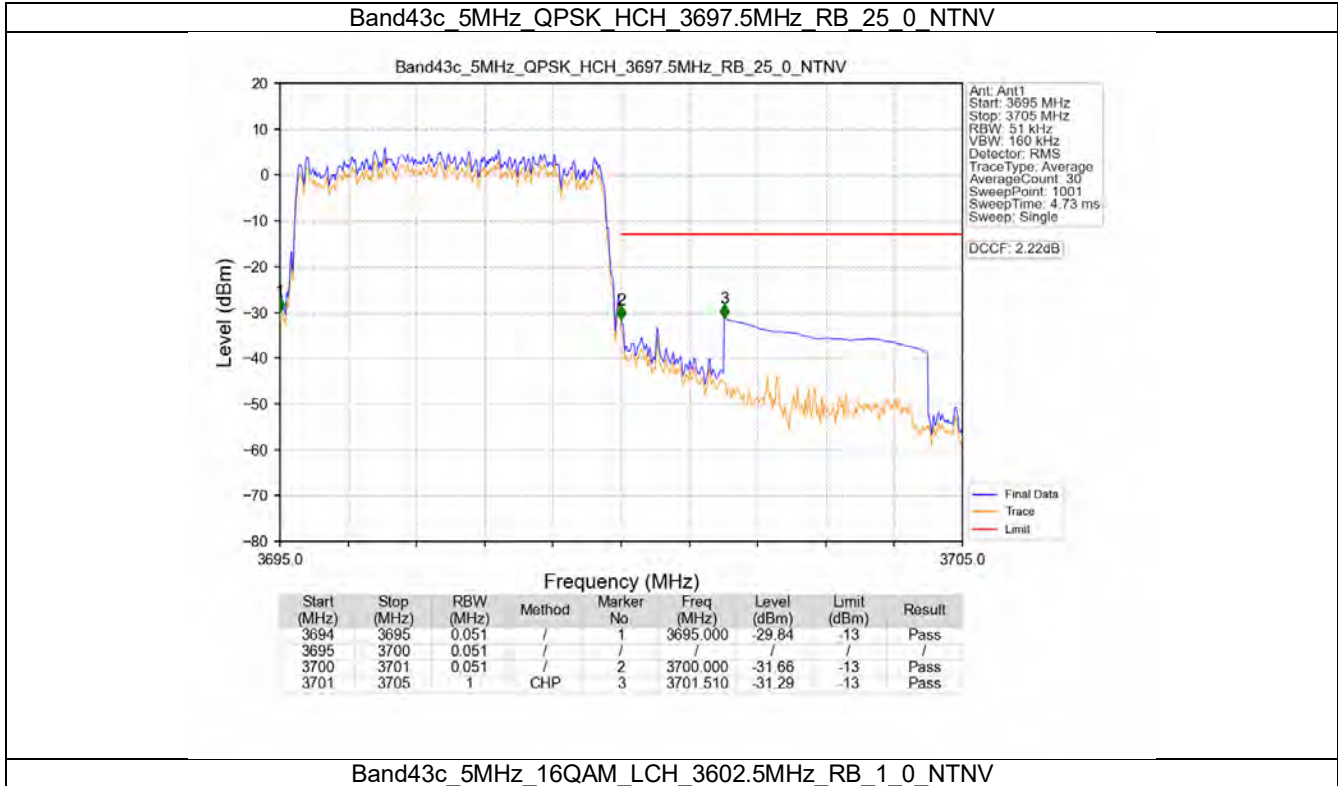


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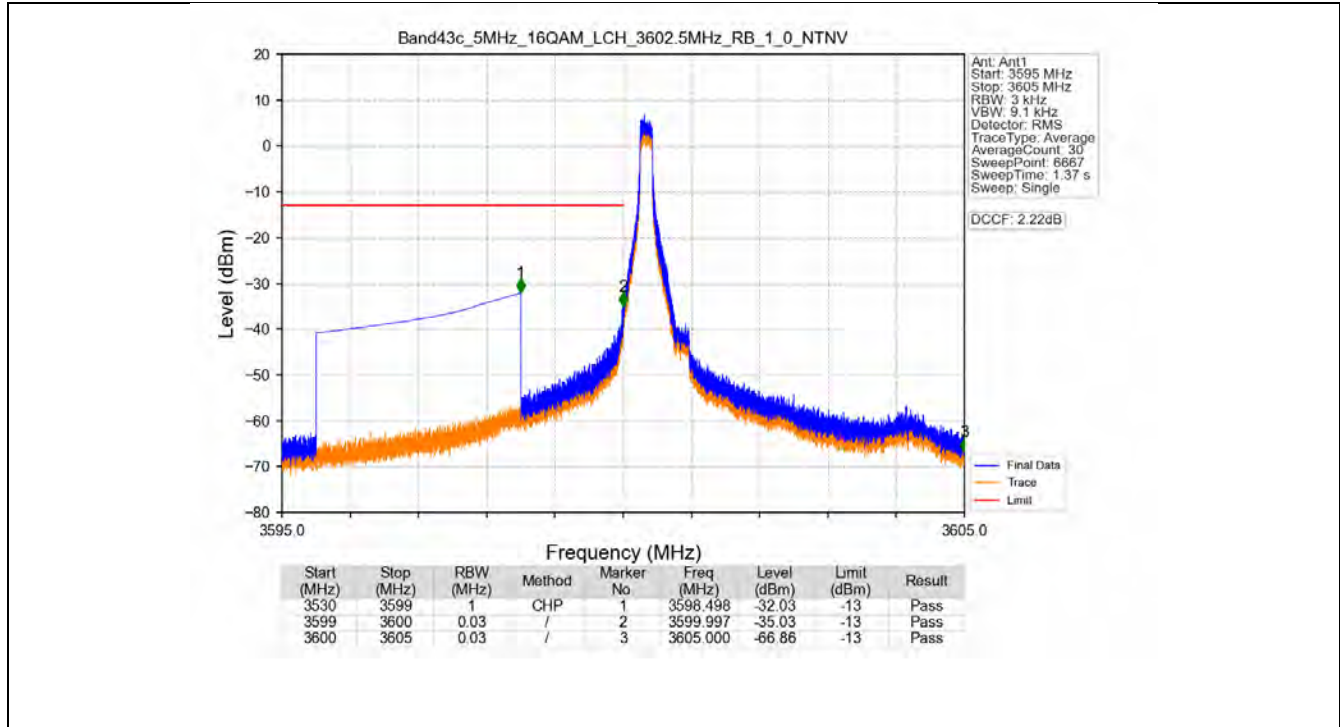


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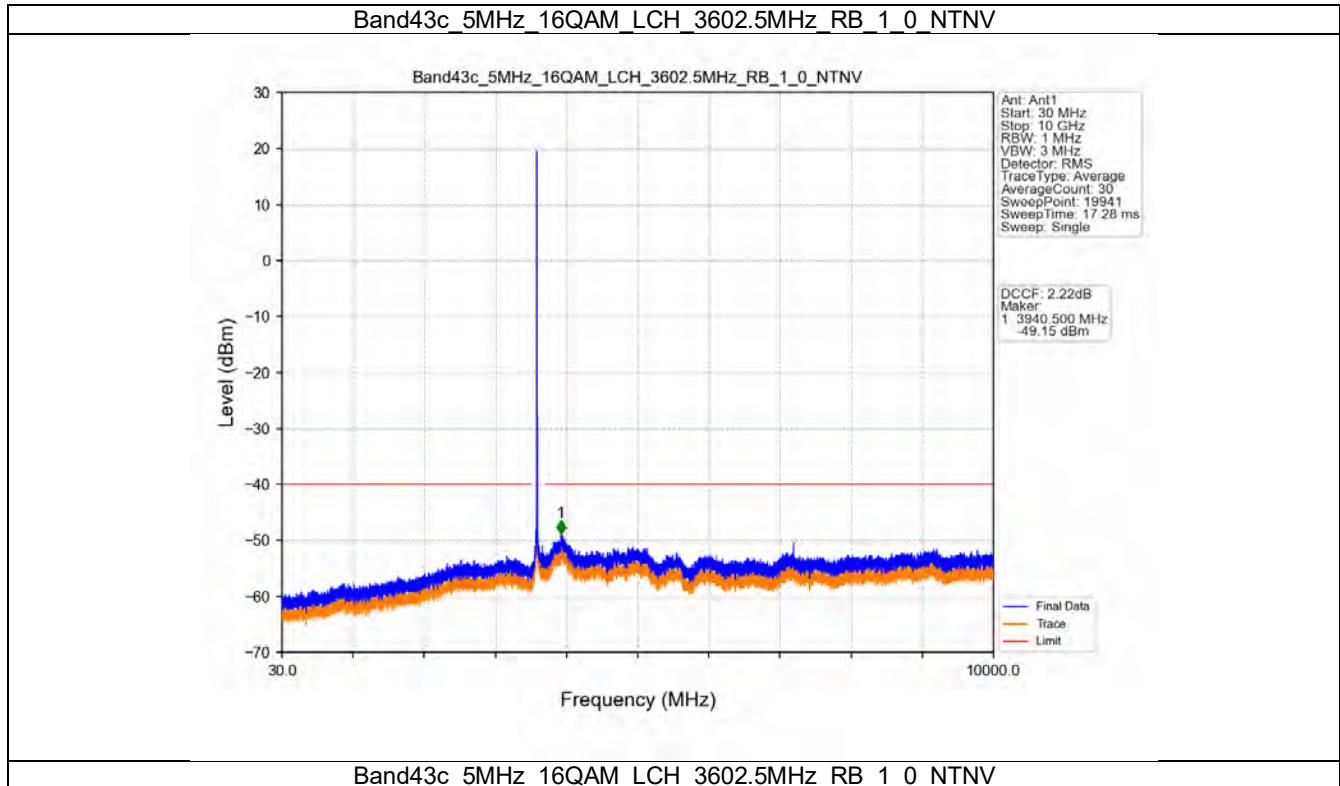


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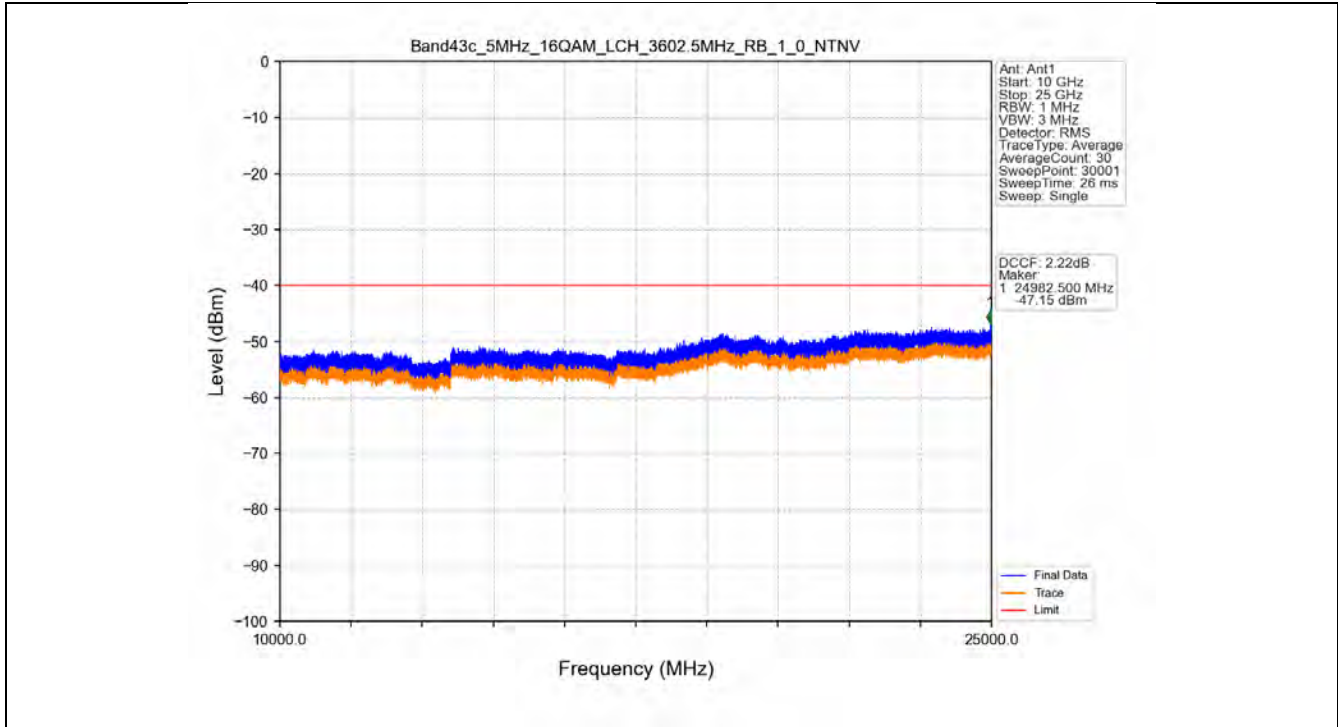


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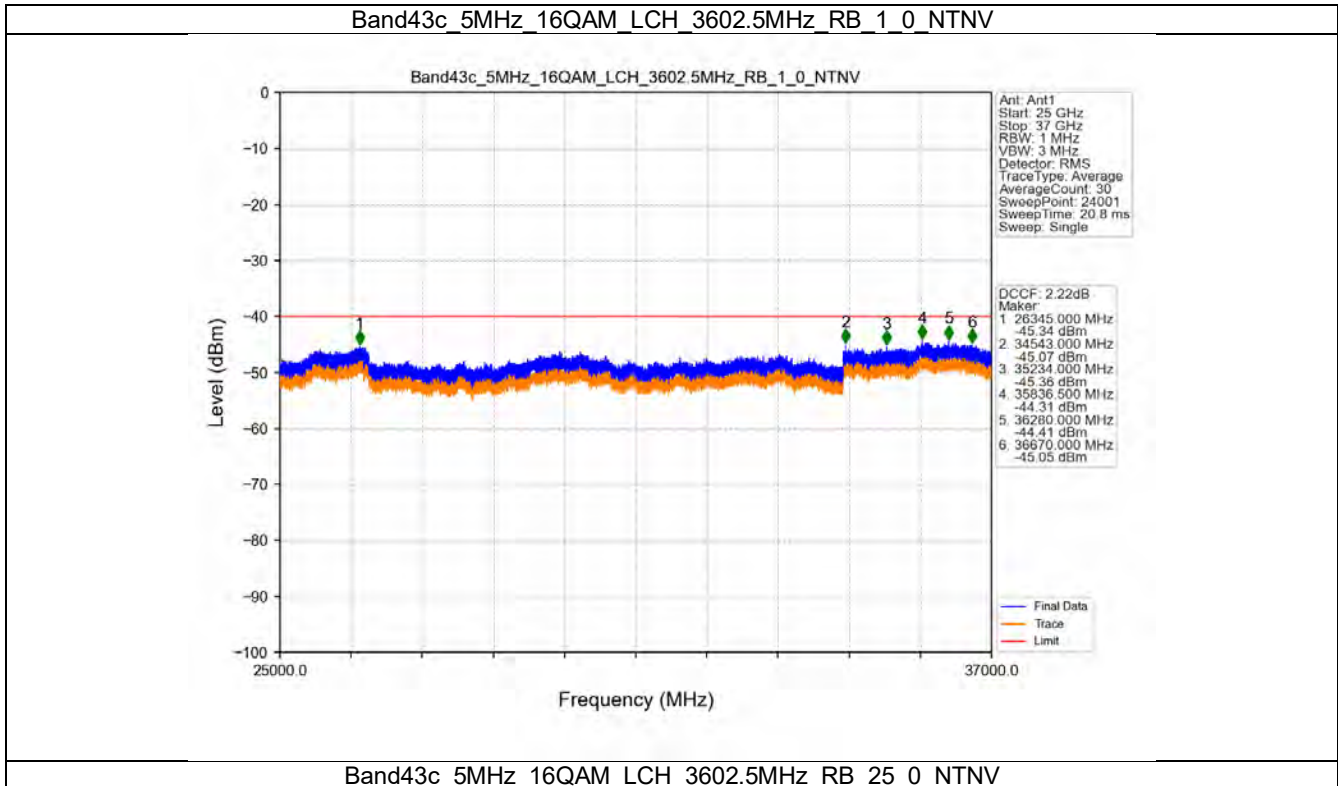


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