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Appendix B.4

LTE Band 7



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2502.5	1	0	22.90	2.2	25.1	<=33.01	Pass		
			13	22.98	2.2	25.18	<=33.01	Pass		
			24	22.96	2.2	25.16	<=33.01	Pass		
		12	0	21.93	2.2	24.13	<=33.01	Pass		
			6	22.03	2.2	24.23	<=33.01	Pass		
			13	22.06	2.2	24.26	<=33.01	Pass		
		25	0	22.02	2.2	24.22	<=33.01	Pass		
		2535	1	0	23.01	2.2	25.21	<=33.01	Pass	
				13	23.07	2.2	25.27	<=33.01	Pass	
	24			23.08	2.2	25.28	<=33.01	Pass		
	12		0	22.06	2.2	24.26	<=33.01	Pass		
			6	22.13	2.2	24.33	<=33.01	Pass		
			13	22.16	2.2	24.36	<=33.01	Pass		
	25		0	22.06	2.2	24.26	<=33.01	Pass		
	2567.5		1	0	23.00	2.2	25.2	<=33.01	Pass	
				13	23.09	2.2	25.29	<=33.01	Pass	
		24		23.02	2.2	25.22	<=33.01	Pass		
		12	0	22.06	2.2	24.26	<=33.01	Pass		
			6	22.11	2.2	24.31	<=33.01	Pass		
			13	22.17	2.2	24.37	<=33.01	Pass		
		25	0	22.09	2.2	24.29	<=33.01	Pass		
		16QAM	2502.5	1	0	21.86	2.2	24.06	<=33.01	Pass
					13	21.92	2.2	24.12	<=33.01	Pass
	24				21.89	2.2	24.09	<=33.01	Pass	
12	0			20.95	2.2	23.15	<=33.01	Pass		
	6			21.02	2.2	23.22	<=33.01	Pass		
	13			21.08	2.2	23.28	<=33.01	Pass		
25	0			21.03	2.2	23.23	<=33.01	Pass		
2535	1			0	22.19	2.2	24.39	<=33.01	Pass	
				13	22.29	2.2	24.49	<=33.01	Pass	
			24	22.14	2.2	24.34	<=33.01	Pass		
	12		0	21.03	2.2	23.23	<=33.01	Pass		
			6	21.12	2.2	23.32	<=33.01	Pass		
			13	21.11	2.2	23.31	<=33.01	Pass		
	25		0	21.12	2.2	23.32	<=33.01	Pass		
	2567.5		1	0	21.94	2.2	24.14	<=33.01	Pass	
				13	22.02	2.2	24.22	<=33.01	Pass	
24				21.94	2.2	24.14	<=33.01	Pass		
12			0	20.95	2.2	23.15	<=33.01	Pass		
			6	21.02	2.2	23.22	<=33.01	Pass		
			13	21.08	2.2	23.28	<=33.01	Pass		



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64QAM	2502.5	12	24	21.98	2.2	24.18	<=33.01	Pass
			0	21.07	2.2	23.27	<=33.01	Pass
			6	21.14	2.2	23.34	<=33.01	Pass
		25	13	21.17	2.2	23.37	<=33.01	Pass
			0	21.16	2.2	23.36	<=33.01	Pass
			1	21.30	2.2	23.5	<=33.01	Pass
	2535	1	13	21.39	2.2	23.59	<=33.01	Pass
			24	21.34	2.2	23.54	<=33.01	Pass
			0	20.07	2.2	22.27	<=33.01	Pass
		12	6	20.19	2.2	22.39	<=33.01	Pass
			13	20.21	2.2	22.41	<=33.01	Pass
			25	20.19	2.2	22.39	<=33.01	Pass
2567.5	1	0	21.45	2.2	23.65	<=33.01	Pass	
		13	21.53	2.2	23.73	<=33.01	Pass	
		24	21.31	2.2	23.51	<=33.01	Pass	
	12	0	20.20	2.2	22.4	<=33.01	Pass	
		6	20.28	2.2	22.48	<=33.01	Pass	
		13	20.33	2.2	22.53	<=33.01	Pass	
2567.5	1	0	21.34	2.2	23.54	<=33.01	Pass	
		13	21.37	2.2	23.57	<=33.01	Pass	
		24	21.39	2.2	23.59	<=33.01	Pass	
	12	0	21.38	2.2	23.58	<=33.01	Pass	
		6	21.41	2.2	23.61	<=33.01	Pass	
		13	21.36	2.2	23.56	<=33.01	Pass	
2567.5	1	0	21.40	2.2	23.6	<=33.01	Pass	
		13	18.04	2.2	20.24	<=33.01	Pass	
		24	18.11	2.2	20.31	<=33.01	Pass	
	12	0	18.04	2.2	20.24	<=33.01	Pass	
		6	18.08	2.2	20.28	<=33.01	Pass	
		13	18.17	2.2	20.37	<=33.01	Pass	
256QAM	2502.5	1	24	18.23	2.2	20.43	<=33.01	Pass
			0	18.25	2.2	20.45	<=33.01	Pass
			1	18.48	2.2	20.68	<=33.01	Pass
	2535	1	13	18.43	2.2	20.63	<=33.01	Pass
			24	18.43	2.2	20.63	<=33.01	Pass
			0	18.26	2.2	20.46	<=33.01	Pass
2567.5	1	6	18.33	2.2	20.53	<=33.01	Pass	
		13	18.35	2.2	20.55	<=33.01	Pass	
		25	18.30	2.2	20.5	<=33.01	Pass	
2567.5	1	0	18.42	2.2	20.62	<=33.01	Pass	
		13	18.67	2.2	20.87	<=33.01	Pass	
		24	18.56	2.2	20.76	<=33.01	Pass	
	12	0	18.21	2.2	20.41	<=33.01	Pass	
		6	18.31	2.2	20.51	<=33.01	Pass	
		13	18.32	2.2	20.52	<=33.01	Pass	
2567.5	1	0	18.21	2.2	20.41	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain



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1.2 B7_10MHz_EIRP

1.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2505	1	0	22.99	2.2	25.19	<=33.01	Pass		
			25	23.08	2.2	25.28	<=33.01	Pass		
			49	23.03	2.2	25.23	<=33.01	Pass		
		25	0	22.09	2.2	24.29	<=33.01	Pass		
			13	22.11	2.2	24.31	<=33.01	Pass		
			25	22.03	2.2	24.23	<=33.01	Pass		
		50	0	22.04	2.2	24.24	<=33.01	Pass		
		2535	1	0	22.96	2.2	25.16	<=33.01	Pass	
				25	22.94	2.2	25.14	<=33.01	Pass	
	49			22.94	2.2	25.14	<=33.01	Pass		
	25		0	22.11	2.2	24.31	<=33.01	Pass		
			13	22.12	2.2	24.32	<=33.01	Pass		
			25	22.11	2.2	24.31	<=33.01	Pass		
	50		0	22.12	2.2	24.32	<=33.01	Pass		
	2565		1	0	22.99	2.2	25.19	<=33.01	Pass	
				25	22.97	2.2	25.17	<=33.01	Pass	
		49		23.03	2.2	25.23	<=33.01	Pass		
		25	0	22.07	2.2	24.27	<=33.01	Pass		
			13	22.10	2.2	24.3	<=33.01	Pass		
			25	22.08	2.2	24.28	<=33.01	Pass		
		50	0	22.11	2.2	24.31	<=33.01	Pass		
		16QAM	2505	1	0	22.61	2.2	24.81	<=33.01	Pass
					25	22.67	2.2	24.87	<=33.01	Pass
	49				22.74	2.2	24.94	<=33.01	Pass	
25	0			21.15	2.2	23.35	<=33.01	Pass		
	13			21.22	2.2	23.42	<=33.01	Pass		
	25			21.10	2.2	23.3	<=33.01	Pass		
50	0			21.05	2.2	23.25	<=33.01	Pass		
2535	1			0	22.21	2.2	24.41	<=33.01	Pass	
				25	22.20	2.2	24.4	<=33.01	Pass	
			49	22.33	2.2	24.53	<=33.01	Pass		
	25		0	21.15	2.2	23.35	<=33.01	Pass		
			13	21.15	2.2	23.35	<=33.01	Pass		
			25	21.16	2.2	23.36	<=33.01	Pass		
	50		0	21.12	2.2	23.32	<=33.01	Pass		
	2565		1	0	22.12	2.2	24.32	<=33.01	Pass	
				25	22.12	2.2	24.32	<=33.01	Pass	
49				22.08	2.2	24.28	<=33.01	Pass		



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64QAM	2505	25	0	21.21	2.2	23.41	<=33.01	Pass	
			13	21.24	2.2	23.44	<=33.01	Pass	
			25	21.19	2.2	23.39	<=33.01	Pass	
		50	0	21.14	2.2	23.34	<=33.01	Pass	
			1	0	21.41	2.2	23.61	<=33.01	Pass
			25	25	21.55	2.2	23.75	<=33.01	Pass
	2535	25	49	21.50	2.2	23.7	<=33.01	Pass	
			0	20.15	2.2	22.35	<=33.01	Pass	
			13	20.18	2.2	22.38	<=33.01	Pass	
		50	25	20.10	2.2	22.3	<=33.01	Pass	
			0	20.17	2.2	22.37	<=33.01	Pass	
			1	0	21.24	2.2	23.44	<=33.01	Pass
2565	25	25	21.15	2.2	23.35	<=33.01	Pass		
		49	21.21	2.2	23.41	<=33.01	Pass		
		0	20.21	2.2	22.41	<=33.01	Pass		
	50	13	20.26	2.2	22.46	<=33.01	Pass		
		25	20.18	2.2	22.38	<=33.01	Pass		
		0	20.17	2.2	22.37	<=33.01	Pass		
256QAM	2505	1	0	21.35	2.2	23.55	<=33.01	Pass	
			25	21.35	2.2	23.55	<=33.01	Pass	
			49	21.35	2.2	23.55	<=33.01	Pass	
		25	0	21.34	2.2	23.54	<=33.01	Pass	
			13	21.36	2.2	23.56	<=33.01	Pass	
			25	21.37	2.2	23.57	<=33.01	Pass	
	2535	50	0	21.34	2.2	23.54	<=33.01	Pass	
			1	0	18.41	2.2	20.61	<=33.01	Pass
			25	25	18.58	2.2	20.78	<=33.01	Pass
		25	49	18.58	2.2	20.78	<=33.01	Pass	
			0	18.13	2.2	20.33	<=33.01	Pass	
			13	18.23	2.2	20.43	<=33.01	Pass	
	2565	50	25	18.13	2.2	20.33	<=33.01	Pass	
			0	18.14	2.2	20.34	<=33.01	Pass	
			1	0	18.03	2.2	20.23	<=33.01	Pass
		25	25	17.97	2.2	20.17	<=33.01	Pass	
			49	18.02	2.2	20.22	<=33.01	Pass	
			0	18.20	2.2	20.4	<=33.01	Pass	
2565	25	13	18.22	2.2	20.42	<=33.01	Pass		
		25	18.25	2.2	20.45	<=33.01	Pass		
		0	18.27	2.2	20.47	<=33.01	Pass		
	50	0	18.36	2.2	20.56	<=33.01	Pass		
		1	25	18.39	2.2	20.59	<=33.01	Pass	
		49	18.47	2.2	20.67	<=33.01	Pass		
25	0	18.22	2.2	20.42	<=33.01	Pass			
	13	18.26	2.2	20.46	<=33.01	Pass			
	25	18.27	2.2	20.47	<=33.01	Pass			
50	0	18.20	2.2	20.4	<=33.01	Pass			

Note 1: EIRP=Conducted Power+Antenna Gain



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1.3 B7_15MHz_EIRP

1.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2507.5	1	0	22.78	2.2	24.98	<=33.01	Pass	
			38	22.83	2.2	25.03	<=33.01	Pass	
			74	22.88	2.2	25.08	<=33.01	Pass	
		36	0	21.94	2.2	24.14	<=33.01	Pass	
			18	21.90	2.2	24.1	<=33.01	Pass	
			39	21.90	2.2	24.1	<=33.01	Pass	
		75	0	21.91	2.2	24.11	<=33.01	Pass	
			1	0	22.81	2.2	25.01	<=33.01	Pass
				38	22.79	2.2	24.99	<=33.01	Pass
	74	22.78		2.2	24.98	<=33.01	Pass		
	2535	1	0	21.97	2.2	24.17	<=33.01	Pass	
			18	21.96	2.2	24.16	<=33.01	Pass	
			39	21.87	2.2	24.07	<=33.01	Pass	
		36	0	21.97	2.2	24.17	<=33.01	Pass	
			18	21.96	2.2	24.16	<=33.01	Pass	
			39	21.87	2.2	24.07	<=33.01	Pass	
		75	0	21.97	2.2	24.17	<=33.01	Pass	
			1	0	22.86	2.2	25.06	<=33.01	Pass
				38	22.81	2.2	25.01	<=33.01	Pass
	74	22.84		2.2	25.04	<=33.01	Pass		
	2562.5	1	0	21.93	2.2	24.13	<=33.01	Pass	
			18	21.94	2.2	24.14	<=33.01	Pass	
			39	21.93	2.2	24.13	<=33.01	Pass	
		36	0	21.98	2.2	24.18	<=33.01	Pass	
18			21.98	2.2	24.18	<=33.01	Pass		
39			21.98	2.2	24.18	<=33.01	Pass		
75		0	21.98	2.2	24.18	<=33.01	Pass		
		1	0	22.43	2.2	24.63	<=33.01	Pass	
			38	22.48	2.2	24.68	<=33.01	Pass	
74	22.50		2.2	24.7	<=33.01	Pass			
16QAM	2507.5	1	0	21.00	2.2	23.2	<=33.01	Pass	
			18	20.94	2.2	23.14	<=33.01	Pass	
			39	20.96	2.2	23.16	<=33.01	Pass	
		36	0	20.94	2.2	23.14	<=33.01	Pass	
			18	20.94	2.2	23.14	<=33.01	Pass	
			39	20.94	2.2	23.14	<=33.01	Pass	
		75	0	20.94	2.2	23.14	<=33.01	Pass	
			1	0	22.13	2.2	24.33	<=33.01	Pass
				38	22.06	2.2	24.26	<=33.01	Pass
	74	22.08		2.2	24.28	<=33.01	Pass		
	2535	1	0	20.97	2.2	23.17	<=33.01	Pass	
			18	20.98	2.2	23.18	<=33.01	Pass	
			39	20.88	2.2	23.08	<=33.01	Pass	
		36	0	20.88	2.2	23.08	<=33.01	Pass	
			18	20.88	2.2	23.08	<=33.01	Pass	
			39	20.88	2.2	23.08	<=33.01	Pass	
		75	0	20.99	2.2	23.19	<=33.01	Pass	
			1	0	22.29	2.2	24.49	<=33.01	Pass
				38	22.29	2.2	24.49	<=33.01	Pass
	74	22.28		2.2	24.48	<=33.01	Pass		
	2562.5	1	0	20.96	2.2	23.16	<=33.01	Pass	
			18	20.95	2.2	23.15	<=33.01	Pass	
			36	0	20.96	2.2	23.16	<=33.01	Pass
	36	0	20.96	2.2	23.16	<=33.01	Pass		
18		20.95	2.2	23.15	<=33.01	Pass			
36		0	20.96	2.2	23.16	<=33.01	Pass		



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			39	20.95	2.2	23.15	<=33.01	Pass	
		75	0	20.97	2.2	23.17	<=33.01	Pass	
64QAM	2507.5	1	0	21.18	2.2	23.38	<=33.01	Pass	
			38	21.23	2.2	23.43	<=33.01	Pass	
			74	21.13	2.2	23.33	<=33.01	Pass	
			0	20.13	2.2	22.33	<=33.01	Pass	
		36	18	20.08	2.2	22.28	<=33.01	Pass	
			39	20.05	2.2	22.25	<=33.01	Pass	
	75	0	20.02	2.2	22.22	<=33.01	Pass		
	2535	1	0	21.36	2.2	23.56	<=33.01	Pass	
			38	21.38	2.2	23.58	<=33.01	Pass	
			74	21.28	2.2	23.48	<=33.01	Pass	
			0	20.15	2.2	22.35	<=33.01	Pass	
		36	18	20.19	2.2	22.39	<=33.01	Pass	
			39	20.03	2.2	22.23	<=33.01	Pass	
	75	0	20.15	2.2	22.35	<=33.01	Pass		
	2562.5	1	0	21.19	2.2	23.39	<=33.01	Pass	
			38	21.18	2.2	23.38	<=33.01	Pass	
			74	21.20	2.2	23.4	<=33.01	Pass	
			0	21.21	2.2	23.41	<=33.01	Pass	
		36	18	21.22	2.2	23.42	<=33.01	Pass	
			39	21.21	2.2	23.41	<=33.01	Pass	
	75	0	21.21	2.2	23.41	<=33.01	Pass		
	256QAM	2507.5	1	0	18.33	2.2	20.53	<=33.01	Pass
				38	18.26	2.2	20.46	<=33.01	Pass
				74	18.37	2.2	20.57	<=33.01	Pass
0				18.07	2.2	20.27	<=33.01	Pass	
36			18	18.03	2.2	20.23	<=33.01	Pass	
			39	18.07	2.2	20.27	<=33.01	Pass	
75		0	17.99	2.2	20.19	<=33.01	Pass		
2535		1	0	18.18	2.2	20.38	<=33.01	Pass	
			38	18.10	2.2	20.3	<=33.01	Pass	
			74	18.11	2.2	20.31	<=33.01	Pass	
			0	18.09	2.2	20.29	<=33.01	Pass	
		36	18	18.14	2.2	20.34	<=33.01	Pass	
			39	18.06	2.2	20.26	<=33.01	Pass	
75		0	18.12	2.2	20.32	<=33.01	Pass		
2562.5		1	0	18.12	2.2	20.32	<=33.01	Pass	
			38	18.05	2.2	20.25	<=33.01	Pass	
			74	18.18	2.2	20.38	<=33.01	Pass	
			0	18.04	2.2	20.24	<=33.01	Pass	
		36	18	18.08	2.2	20.28	<=33.01	Pass	
			39	18.08	2.2	20.28	<=33.01	Pass	
75		0	18.10	2.2	20.3	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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1.4 B7_20MHz_EIRP

1.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2510	1	0	22.78	2.2	24.98	<=33.01	Pass		
			50	22.85	2.2	25.05	<=33.01	Pass		
			99	22.83	2.2	25.03	<=33.01	Pass		
		50	0	21.95	2.2	24.15	<=33.01	Pass		
			25	21.99	2.2	24.19	<=33.01	Pass		
			50	21.89	2.2	24.09	<=33.01	Pass		
		100	0	22.02	2.2	24.22	<=33.01	Pass		
		2535	1	0	22.82	2.2	25.02	<=33.01	Pass	
				50	22.81	2.2	25.01	<=33.01	Pass	
	99			22.83	2.2	25.03	<=33.01	Pass		
	50		0	21.97	2.2	24.17	<=33.01	Pass		
			25	22.00	2.2	24.2	<=33.01	Pass		
			50	21.87	2.2	24.07	<=33.01	Pass		
	100		0	21.98	2.2	24.18	<=33.01	Pass		
	2560		1	0	22.80	2.2	25	<=33.01	Pass	
				50	22.77	2.2	24.97	<=33.01	Pass	
		99		22.83	2.2	25.03	<=33.01	Pass		
		50	0	21.99	2.2	24.19	<=33.01	Pass		
			25	21.97	2.2	24.17	<=33.01	Pass		
			50	21.95	2.2	24.15	<=33.01	Pass		
		100	0	21.99	2.2	24.19	<=33.01	Pass		
		16QAM	2510	1	0	22.09	2.2	24.29	<=33.01	Pass
					50	22.16	2.2	24.36	<=33.01	Pass
	99				22.13	2.2	24.33	<=33.01	Pass	
50	0			20.94	2.2	23.14	<=33.01	Pass		
	25			21.03	2.2	23.23	<=33.01	Pass		
	50			20.86	2.2	23.06	<=33.01	Pass		
100	0			21.01	2.2	23.21	<=33.01	Pass		
2535	1			0	22.09	2.2	24.29	<=33.01	Pass	
				50	22.09	2.2	24.29	<=33.01	Pass	
			99	22.10	2.2	24.3	<=33.01	Pass		
	50		0	20.98	2.2	23.18	<=33.01	Pass		
			25	20.99	2.2	23.19	<=33.01	Pass		
			50	20.88	2.2	23.08	<=33.01	Pass		
	100		0	21.02	2.2	23.22	<=33.01	Pass		
	2560		1	0	22.40	2.2	24.6	<=33.01	Pass	
				50	22.33	2.2	24.53	<=33.01	Pass	
99				22.45	2.2	24.65	<=33.01	Pass		
50			0	20.98	2.2	23.18	<=33.01	Pass		
			25	20.96	2.2	23.16	<=33.01	Pass		



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64QAM	2510	100	50	20.98	2.2	23.18	<=33.01	Pass	
			0	20.99	2.2	23.19	<=33.01	Pass	
			0	21.43	2.2	23.63	<=33.01	Pass	
		50	1	50	21.50	2.2	23.7	<=33.01	Pass
			99	21.42	2.2	23.62	<=33.01	Pass	
			0	20.08	2.2	22.28	<=33.01	Pass	
	100	25	20.11	2.2	22.31	<=33.01	Pass		
		50	20.00	2.2	22.2	<=33.01	Pass		
		0	20.10	2.2	22.3	<=33.01	Pass		
	2535	1	0	21.32	2.2	23.52	<=33.01	Pass	
			50	21.31	2.2	23.51	<=33.01	Pass	
			99	21.23	2.2	23.43	<=33.01	Pass	
		50	0	20.24	2.2	22.44	<=33.01	Pass	
			25	20.23	2.2	22.43	<=33.01	Pass	
			50	20.14	2.2	22.34	<=33.01	Pass	
	100	0	20.19	2.2	22.39	<=33.01	Pass		
	2560	1	0	21.03	2.2	23.23	<=33.01	Pass	
			50	21.03	2.2	23.23	<=33.01	Pass	
			99	21.04	2.2	23.24	<=33.01	Pass	
		50	0	21.03	2.2	23.23	<=33.01	Pass	
			25	21.03	2.2	23.23	<=33.01	Pass	
			50	21.04	2.2	23.24	<=33.01	Pass	
	100	0	21.02	2.2	23.22	<=33.01	Pass		
	256QAM	2510	1	0	18.57	2.2	20.77	<=33.01	Pass
50				18.60	2.2	20.8	<=33.01	Pass	
99				18.58	2.2	20.78	<=33.01	Pass	
50			0	18.11	2.2	20.31	<=33.01	Pass	
			25	18.16	2.2	20.36	<=33.01	Pass	
			50	18.06	2.2	20.26	<=33.01	Pass	
100		0	18.12	2.2	20.32	<=33.01	Pass		
2535		1	0	17.99	2.2	20.19	<=33.01	Pass	
			50	17.84	2.2	20.04	<=33.01	Pass	
			99	17.91	2.2	20.11	<=33.01	Pass	
		50	0	18.13	2.2	20.33	<=33.01	Pass	
			25	18.17	2.2	20.37	<=33.01	Pass	
			50	18.09	2.2	20.29	<=33.01	Pass	
100		0	18.12	2.2	20.32	<=33.01	Pass		
2560		1	0	17.90	2.2	20.1	<=33.01	Pass	
			50	17.82	2.2	20.02	<=33.01	Pass	
			99	17.96	2.2	20.16	<=33.01	Pass	
		50	0	18.01	2.2	20.21	<=33.01	Pass	
			25	18.04	2.2	20.24	<=33.01	Pass	
			50	18.03	2.2	20.23	<=33.01	Pass	
100		0	18.07	2.2	20.27	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 B7_5MHz

2.1.1 Test Result

Band: 7 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	2502.5	25	0	20	3.55	-0.300	-0.0001	/	Pass	
					4.0	-1.359	-0.0005	/	Pass	
					4.4	-0.658	-0.0003	/	Pass	
				-30	4.0	-1.130	-0.0005	/	Pass	
					-20	4.0	-1.845	-0.0007	/	Pass
						4.0	-1.531	-0.0006	/	Pass
				0	4.0	-1.402	-0.0006	/	Pass	
					4.0	-2.289	-0.0009	/	Pass	
				30	4.0	-2.031	-0.0008	/	Pass	
				40	4.0	-1.702	-0.0007	/	Pass	
	50	4.0	-1.130	-0.0005	/	Pass				
	2535	25	0	20	3.55	0.415	0.0002	/	Pass	
					4.0	0.615	0.0002	/	Pass	
					4.4	2.575	0.0010	/	Pass	
				-30	4.0	2.818	0.0011	/	Pass	
					-20	4.0	1.745	0.0007	/	Pass
						4.0	1.359	0.0005	/	Pass
				-10	4.0	1.817	0.0007	/	Pass	
					4.0	2.246	0.0009	/	Pass	
				30	4.0	-0.887	-0.0003	/	Pass	
				40	4.0	0.057	0.0000	/	Pass	
	50	4.0	2.532	0.0010	/	Pass				
	2567.5	25	0	20	3.55	-1.645	-0.0006	/	Pass	
					4.0	0.415	0.0002	/	Pass	
					4.4	-0.730	-0.0003	/	Pass	
				-30	4.0	0.601	0.0002	/	Pass	
					-20	4.0	-0.830	-0.0003	/	Pass
						4.0	-1.216	-0.0005	/	Pass
				-10	4.0	-0.601	-0.0002	/	Pass	
					4.0	1.059	0.0004	/	Pass	
30				4.0	-0.916	-0.0004	/	Pass		
40				4.0	-2.475	-0.0010	/	Pass		
50	4.0	0.215	0.0001	/	Pass					
16QAM	2502.5	25	0	20	3.55	-1.073	-0.0004	/	Pass	
					4.0	-1.488	-0.0006	/	Pass	
					4.4	-2.403	-0.0010	/	Pass	
				-30	4.0	-0.443	-0.0002	/	Pass	



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64QAM	2535	25	0	-20	4.0	-1.688	-0.0007	/	Pass		
				-10	4.0	-0.873	-0.0003	/	Pass		
				0	4.0	-1.030	-0.0004	/	Pass		
				10	4.0	0.873	0.0003	/	Pass		
				30	4.0	-0.100	0.0000	/	Pass		
				40	4.0	-0.587	-0.0002	/	Pass		
				50	4.0	-1.144	-0.0005	/	Pass		
	2567.5	25	0	20	3.55	0.215	0.0001	/	Pass		
					4.0	2.189	0.0009	/	Pass		
					4.4	0.286	0.0001	/	Pass		
				-30	4.0	3.476	0.0014	/	Pass		
				-20	4.0	1.001	0.0004	/	Pass		
				-10	4.0	1.602	0.0006	/	Pass		
				0	4.0	2.017	0.0008	/	Pass		
				10	4.0	1.101	0.0004	/	Pass		
				30	4.0	0.558	0.0002	/	Pass		
				40	4.0	0.658	0.0003	/	Pass		
				50	4.0	1.645	0.0006	/	Pass		
	2502.5	25	0	20	3.55	-0.501	-0.0002	/	Pass		
					4.0	-0.014	0.0000	/	Pass		
					4.4	-0.958	-0.0004	/	Pass		
				-30	4.0	-1.101	-0.0004	/	Pass		
				-20	4.0	0.730	0.0003	/	Pass		
				-10	4.0	-1.330	-0.0005	/	Pass		
				0	4.0	0.129	0.0001	/	Pass		
				10	4.0	-0.458	-0.0002	/	Pass		
				30	4.0	-0.515	-0.0002	/	Pass		
				40	4.0	0.658	0.0003	/	Pass		
50				4.0	0.844	0.0003	/	Pass			
2535	25	0	20	3.55	1.117	0.0004	/	Pass			
				4.0	0.841	0.0003	/	Pass			
				4.4	2.146	0.0009	/	Pass			
			-30	4.0	1.885	0.0008	/	Pass			
			-20	4.0	-0.720	-0.0003	/	Pass			
			-10	4.0	0.437	0.0002	/	Pass			
			0	4.0	1.930	0.0008	/	Pass			
			10	4.0	2.080	0.0008	/	Pass			
			30	4.0	1.132	0.0005	/	Pass			
			40	4.0	-0.494	-0.0002	/	Pass			
			50	4.0	1.068	0.0004	/	Pass			
			2535	25	0	20	3.55	2.602	0.0010	/	Pass
							4.0	3.378	0.0013	/	Pass
							4.4	2.047	0.0008	/	Pass
-30	4.0	2.283				0.0009	/	Pass			
-20	4.0	3.779				0.0015	/	Pass			
-10	4.0	3.953				0.0016	/	Pass			
0	4.0	0.438				0.0002	/	Pass			
10	4.0	3.239	0.0013	/	Pass						



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				30	4.0	1.867	0.0007	/	Pass			
				40	4.0	1.228	0.0005	/	Pass			
				50	4.0	3.595	0.0014	/	Pass			
				2567.5	25	0	20	3.55	0.812	0.0003	/	Pass
							4.0	-0.718	-0.0003	/	Pass	
							4.4	-0.457	-0.0002	/	Pass	
				-30	4.0	2.136	0.0008	/	Pass			
				-20	4.0	1.151	0.0004	/	Pass			
				-10	4.0	-0.167	-0.0001	/	Pass			
				0	4.0	-1.182	-0.0005	/	Pass			
				10	4.0	-0.528	-0.0002	/	Pass			
				30	4.0	1.014	0.0004	/	Pass			
40	4.0	1.582	0.0006	/	Pass							
50	4.0	1.036	0.0004	/	Pass							
256QAM	2502.5	25	0	20	3.55	-0.100	0.0000	/	Pass			
				4.0	0.847	0.0003	/	Pass				
				4.4	1.115	0.0004	/	Pass				
				-30	4.0	1.259	0.0005	/	Pass			
				-20	4.0	0.991	0.0004	/	Pass			
				-10	4.0	0.714	0.0003	/	Pass			
				0	4.0	1.257	0.0005	/	Pass			
				10	4.0	2.535	0.0010	/	Pass			
				30	4.0	1.263	0.0005	/	Pass			
				40	4.0	1.627	0.0007	/	Pass			
				50	4.0	1.459	0.0006	/	Pass			
				2535	25	0	20	3.55	0.821	0.0003	/	Pass
	4.0	2.899	0.0011				/	Pass				
	4.4	1.468	0.0006				/	Pass				
	-30	4.0	3.016				0.0012	/	Pass			
	-20	4.0	1.165				0.0005	/	Pass			
	-10	4.0	2.363				0.0009	/	Pass			
	0	4.0	2.418				0.0010	/	Pass			
	10	4.0	2.706				0.0011	/	Pass			
	30	4.0	0.553				0.0002	/	Pass			
	40	4.0	0.940				0.0004	/	Pass			
	50	4.0	0.759				0.0003	/	Pass			
	2567.5	25	0				20	3.55	0.013	0.0000	/	Pass
				4.0	1.522	0.0006	/	Pass				
4.4				-1.574	-0.0006	/	Pass					
-30				4.0	-0.324	-0.0001	/	Pass				
-20				4.0	-1.191	-0.0005	/	Pass				
-10				4.0	0.016	0.0000	/	Pass				
0				4.0	0.114	0.0000	/	Pass				
10				4.0	1.801	0.0007	/	Pass				
30				4.0	1.585	0.0006	/	Pass				
40				4.0	1.774	0.0007	/	Pass				
50	4.0	1.407	0.0005	/	Pass							



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2.2 B7_10MHz

2.2.1 Test Result

Band: 7 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	2505	50	0	20	3.55	-1.116	-0.0004	/	Pass	
					4.0	-0.343	-0.0001	/	Pass	
					4.4	0.687	0.0003	/	Pass	
				-30	4.0	-1.988	-0.0008	/	Pass	
					-20	4.0	-1.502	-0.0006	/	Pass
					-10	4.0	-0.157	-0.0001	/	Pass
				0	4.0	-0.658	-0.0003	/	Pass	
					10	4.0	-1.502	-0.0006	/	Pass
					30	4.0	0.930	0.0004	/	Pass
				40	4.0	1.745	0.0007	/	Pass	
	50	4.0	0.215	0.0001	/	Pass				
	2535	50	0	20	3.55	0.701	0.0003	/	Pass	
					4.0	-0.372	-0.0001	/	Pass	
					4.4	-0.257	-0.0001	/	Pass	
				-30	4.0	0.472	0.0002	/	Pass	
					-20	4.0	0.143	0.0001	/	Pass
					-10	4.0	0.758	0.0003	/	Pass
				0	4.0	0.730	0.0003	/	Pass	
					10	4.0	-0.415	-0.0002	/	Pass
					30	4.0	1.388	0.0005	/	Pass
				40	4.0	1.087	0.0004	/	Pass	
	50	4.0	1.531	0.0006	/	Pass				
	2565	50	0	20	3.55	-0.086	0.0000	/	Pass	
					4.0	1.502	0.0006	/	Pass	
					4.4	1.159	0.0005	/	Pass	
				-30	4.0	0.229	0.0001	/	Pass	
					-20	4.0	1.745	0.0007	/	Pass
					-10	4.0	0.529	0.0002	/	Pass
				0	4.0	0.257	0.0001	/	Pass	
					10	4.0	1.631	0.0006	/	Pass
30					4.0	0.472	0.0002	/	Pass	
40				4.0	0.043	0.0000	/	Pass		
50	4.0	0.372	0.0001	/	Pass					
16QAM	2505	50	0	20	3.55	0.572	0.0002	/	Pass	
					4.0	0.329	0.0001	/	Pass	
					4.4	1.030	0.0004	/	Pass	
				-30	4.0	-1.616	-0.0006	/	Pass	
					-20	4.0	-0.401	-0.0002	/	Pass
					-10	4.0	-1.259	-0.0005	/	Pass
0	4.0	-0.687	-0.0003	/	Pass					



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64QAM	2535	50	0	10	4.0	0.200	0.0001	/	Pass		
				30	4.0	-0.830	-0.0003	/	Pass		
				40	4.0	-0.629	-0.0003	/	Pass		
				50	4.0	-0.129	-0.0001	/	Pass		
				20	3.55	1.388	0.0005	/	Pass		
					4.0	0.415	0.0002	/	Pass		
					4.4	-0.372	-0.0001	/	Pass		
				-30	4.0	0.672	0.0003	/	Pass		
				-20	4.0	-0.658	-0.0003	/	Pass		
				-10	4.0	0.629	0.0002	/	Pass		
	0	4.0	1.745	0.0007	/	Pass					
	10	4.0	0.916	0.0004	/	Pass					
	30	4.0	2.317	0.0009	/	Pass					
	40	4.0	0.830	0.0003	/	Pass					
	50	4.0	1.087	0.0004	/	Pass					
	2565	50	0	20	3.55	1.888	0.0007	/	Pass		
					4.0	0.944	0.0004	/	Pass		
					4.4	0.830	0.0003	/	Pass		
				-30	4.0	0.844	0.0003	/	Pass		
				-20	4.0	1.187	0.0005	/	Pass		
-10				4.0	-0.272	-0.0001	/	Pass			
0				4.0	1.574	0.0006	/	Pass			
10				4.0	0.472	0.0002	/	Pass			
30				4.0	0.072	0.0000	/	Pass			
40				4.0	0.873	0.0003	/	Pass			
50	4.0	-0.358	-0.0001	/	Pass						
2505	50	0	20	3.55	0.684	0.0003	/	Pass			
				4.0	-1.037	-0.0004	/	Pass			
				4.4	1.541	0.0006	/	Pass			
			-30	4.0	0.236	0.0001	/	Pass			
			-20	4.0	-0.784	-0.0003	/	Pass			
			-10	4.0	-1.569	-0.0006	/	Pass			
			0	4.0	-0.758	-0.0003	/	Pass			
			10	4.0	2.945	0.0012	/	Pass			
			30	4.0	1.250	0.0005	/	Pass			
			40	4.0	1.611	0.0006	/	Pass			
			50	4.0	0.894	0.0004	/	Pass			
			2535	50	0	20	3.55	-0.753	-0.0003	/	Pass
							4.0	0.940	0.0004	/	Pass
							4.4	0.366	0.0001	/	Pass
						-30	4.0	1.542	0.0006	/	Pass
-20	4.0	1.313				0.0005	/	Pass			
-10	4.0	1.099				0.0004	/	Pass			
0	4.0	-0.196				-0.0001	/	Pass			
10	4.0	1.288				0.0005	/	Pass			
30	4.0	-0.708				-0.0003	/	Pass			
40	4.0	1.153	0.0005	/	Pass						
50	4.0	1.026	0.0004	/	Pass						



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	2565	50	0	20	3.55	2.658	0.0010	/	Pass
					4.0	0.130	0.0001	/	Pass
					4.4	0.260	0.0001	/	Pass
				-30	4.0	0.181	0.0001	/	Pass
					4.0	-0.559	-0.0002	/	Pass
				-10	4.0	1.050	0.0004	/	Pass
				0	4.0	-0.244	-0.0001	/	Pass
				10	4.0	0.213	0.0001	/	Pass
				30	4.0	0.344	0.0001	/	Pass
				40	4.0	0.527	0.0002	/	Pass
50	4.0	-0.415	-0.0002	/	Pass				
	2505	50	0	20	3.55	-0.297	-0.0001	/	Pass
					4.0	-1.132	-0.0005	/	Pass
					4.4	1.067	0.0004	/	Pass
				-30	4.0	-0.907	-0.0004	/	Pass
					4.0	0.145	0.0001	/	Pass
				-10	4.0	-0.026	0.0000	/	Pass
				0	4.0	0.443	0.0002	/	Pass
				10	4.0	0.862	0.0003	/	Pass
				30	4.0	0.899	0.0004	/	Pass
				40	4.0	-0.769	-0.0003	/	Pass
50	4.0	0.194	0.0001	/	Pass				
256QAM	2535	50	0	20	3.55	1.989	0.0008	/	Pass
					4.0	2.279	0.0009	/	Pass
					4.4	1.353	0.0005	/	Pass
				-30	4.0	0.010	0.0000	/	Pass
					4.0	1.685	0.0007	/	Pass
				-10	4.0	3.152	0.0012	/	Pass
				0	4.0	0.178	0.0001	/	Pass
				10	4.0	1.091	0.0004	/	Pass
				30	4.0	0.230	0.0001	/	Pass
				40	4.0	0.181	0.0001	/	Pass
50	4.0	0.717	0.0003	/	Pass				
	2565	50	0	20	3.55	0.199	0.0001	/	Pass
					4.0	1.014	0.0004	/	Pass
					4.4	-1.090	-0.0004	/	Pass
				-30	4.0	-1.414	-0.0006	/	Pass
					4.0	0.548	0.0002	/	Pass
				-10	4.0	0.044	0.0000	/	Pass
				0	4.0	-0.758	-0.0003	/	Pass
				10	4.0	1.111	0.0004	/	Pass
				30	4.0	-1.042	-0.0004	/	Pass
				40	4.0	-0.378	-0.0001	/	Pass
50	4.0	0.535	0.0002	/	Pass				

2.3 B7_15MHz



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2.3.1 Test Result

Band: 7 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	2507.5	75	0	20	3.55	-0.086	0.0000	/	Pass	
					4.0	1.373	0.0005	/	Pass	
					4.4	-0.072	0.0000	/	Pass	
				-30	4.0	-0.687	-0.0003	/	Pass	
					-20	4.0	-0.100	0.0000	/	Pass
						4.0	-0.486	-0.0002	/	Pass
				0	4.0	-0.844	-0.0003	/	Pass	
					4.0	0.687	0.0003	/	Pass	
				30	4.0	-0.315	-0.0001	/	Pass	
				40	4.0	-1.001	-0.0004	/	Pass	
	50	4.0	-0.787	-0.0003	/	Pass				
	2535	75	0	20	3.55	0.043	0.0000	/	Pass	
					4.0	0.300	0.0001	/	Pass	
					4.4	0.515	0.0002	/	Pass	
				-30	4.0	0.715	0.0003	/	Pass	
					-20	4.0	1.731	0.0007	/	Pass
						4.0	-0.472	-0.0002	/	Pass
				0	4.0	-0.100	0.0000	/	Pass	
					4.0	-0.587	-0.0002	/	Pass	
				30	4.0	-0.415	-0.0002	/	Pass	
				40	4.0	-0.386	-0.0002	/	Pass	
	50	4.0	0.129	0.0001	/	Pass				
	2562.5	75	0	20	3.55	-0.429	-0.0002	/	Pass	
					4.0	0.601	0.0002	/	Pass	
					4.4	0.615	0.0002	/	Pass	
				-30	4.0	-2.418	-0.0009	/	Pass	
					-20	4.0	1.116	0.0004	/	Pass
						4.0	0.629	0.0002	/	Pass
				0	4.0	-0.844	-0.0003	/	Pass	
					4.0	-0.930	-0.0004	/	Pass	
30				4.0	-1.674	-0.0007	/	Pass		
40				4.0	-0.558	-0.0002	/	Pass		
50	4.0	-1.245	-0.0005	/	Pass					
16QAM	2507.5	75	0	20	3.55	-0.544	-0.0002	/	Pass	
					4.0	-0.658	-0.0003	/	Pass	
					4.4	-0.372	-0.0001	/	Pass	
				-30	4.0	-1.359	-0.0005	/	Pass	
					-20	4.0	-0.772	-0.0003	/	Pass
						4.0	-1.087	-0.0004	/	Pass
				0	4.0	-1.044	-0.0004	/	Pass	
					4.0	-0.100	0.0000	/	Pass	
				30	4.0	-1.130	-0.0005	/	Pass	
				40	4.0	-0.558	-0.0002	/	Pass	



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64QAM	2535	75	0	50	4.0	-1.931	-0.0008	/	Pass
				20	3.55	-0.944	-0.0004	/	Pass
					4.0	0.844	0.0003	/	Pass
					4.4	1.030	0.0004	/	Pass
				-30	4.0	-0.043	0.0000	/	Pass
				-20	4.0	-0.315	-0.0001	/	Pass
				-10	4.0	-1.273	-0.0005	/	Pass
				0	4.0	-0.300	-0.0001	/	Pass
				10	4.0	-0.057	0.0000	/	Pass
				30	4.0	-0.916	-0.0004	/	Pass
				40	4.0	-1.030	-0.0004	/	Pass
				50	4.0	-0.157	-0.0001	/	Pass
	2562.5	75	0	20	3.55	-0.987	-0.0004	/	Pass
					4.0	0.887	0.0003	/	Pass
					4.4	-0.973	-0.0004	/	Pass
				-30	4.0	-0.930	-0.0004	/	Pass
				-20	4.0	-1.631	-0.0006	/	Pass
				-10	4.0	-1.159	-0.0005	/	Pass
				0	4.0	-0.529	-0.0002	/	Pass
				10	4.0	-0.672	-0.0003	/	Pass
				30	4.0	-1.888	-0.0007	/	Pass
				40	4.0	-1.917	-0.0007	/	Pass
				50	4.0	-1.888	-0.0007	/	Pass
				2507.5	75	0	20	3.55	-0.974
	4.0	0.199	0.0001					/	Pass
	4.4	-0.179	-0.0001					/	Pass
	-30	4.0	-1.143				-0.0005	/	Pass
	-20	4.0	0.171				0.0001	/	Pass
-10	4.0	-0.057	0.0000				/	Pass	
0	4.0	-1.163	-0.0005				/	Pass	
10	4.0	0.504	0.0002				/	Pass	
30	4.0	-0.454	-0.0002				/	Pass	
40	4.0	0.109	0.0000				/	Pass	
50	4.0	0.583	0.0002				/	Pass	
2535	75	0	20				3.55	1.352	0.0005
				4.0	0.324	0.0001	/	Pass	
				4.4	0.901	0.0004	/	Pass	
			-30	4.0	-0.282	-0.0001	/	Pass	
			-20	4.0	-0.093	0.0000	/	Pass	
			-10	4.0	-1.579	-0.0006	/	Pass	
			0	4.0	1.323	0.0005	/	Pass	
			10	4.0	-0.162	-0.0001	/	Pass	
			30	4.0	0.026	0.0000	/	Pass	
			40	4.0	1.321	0.0005	/	Pass	
			50	4.0	2.375	0.0009	/	Pass	
			2562.5	75	0	20	3.55	0.953	0.0004
4.0	0.220	0.0001					/	Pass	
4.4	-1.133	-0.0004					/	Pass	



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				-30	4.0	0.355	0.0001	/	Pass	
				-20	4.0	-1.427	-0.0006	/	Pass	
				-10	4.0	-0.585	-0.0002	/	Pass	
				0	4.0	0.169	0.0001	/	Pass	
				10	4.0	-1.379	-0.0005	/	Pass	
				30	4.0	-1.263	-0.0005	/	Pass	
				40	4.0	-0.229	-0.0001	/	Pass	
				50	4.0	-0.508	-0.0002	/	Pass	
256QAM	2507.5	75	0	20	3.55	1.060	0.0004	/	Pass	
					4.0	-0.788	-0.0003	/	Pass	
					4.4	0.409	0.0002	/	Pass	
				-30	4.0	1.188	0.0005	/	Pass	
					-20	4.0	2.209	0.0009	/	Pass
						4.0	-1.388	-0.0006	/	Pass
					0	4.0	-0.268	-0.0001	/	Pass
					10	4.0	-0.862	-0.0003	/	Pass
					30	4.0	0.743	0.0003	/	Pass
					40	4.0	-0.651	-0.0003	/	Pass
					50	4.0	-0.996	-0.0004	/	Pass
					2535	75	0	20	3.55	1.759
	4.0	1.766	0.0007	/					Pass	
	4.4	1.270	0.0005	/					Pass	
	-30	4.0	2.484	0.0010				/	Pass	
		-20	4.0	1.722				0.0007	/	Pass
			4.0	1.020				0.0004	/	Pass
		0	4.0	2.001				0.0008	/	Pass
		10	4.0	-1.257				-0.0005	/	Pass
		30	4.0	1.796				0.0007	/	Pass
		40	4.0	0.601				0.0002	/	Pass
		50	4.0	-0.671				-0.0003	/	Pass
		2562.5	75	0				20	3.55	1.661
	4.0				-1.162	-0.0005	/		Pass	
4.4	-0.616				-0.0002	/	Pass			
-30	4.0				0.590	0.0002	/	Pass		
	-20				4.0	-0.564	-0.0002	/	Pass	
					4.0	-1.552	-0.0006	/	Pass	
	0				4.0	0.156	0.0001	/	Pass	
	10				4.0	0.282	0.0001	/	Pass	
	30				4.0	-1.170	-0.0005	/	Pass	
	40				4.0	0.212	0.0001	/	Pass	
	50				4.0	-0.257	-0.0001	/	Pass	

2.4 B7_20MHz

2.4.1 Test Result



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Band: 7 / Bandwidth: 20MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	2510	100	0	20	3.55	-1.431	-0.0006	/	Pass			
					4.0	-1.531	-0.0006	/	Pass			
					4.4	0.172	0.0001	/	Pass			
				-30	4.0	-1.373	-0.0005	/	Pass			
					-20	4.0	-0.129	-0.0001	/	Pass		
						4.0	0.157	0.0001	/	Pass		
				0	4.0	-1.173	-0.0005	/	Pass			
					4.0	0.615	0.0002	/	Pass			
				30	4.0	0.501	0.0002	/	Pass			
				40	4.0	-1.717	-0.0007	/	Pass			
	50	4.0	-2.618	-0.0010	/	Pass						
	2535	100	0	20	3.55	0.358	0.0001	/	Pass			
					4.0	-0.958	-0.0004	/	Pass			
					4.4	0.472	0.0002	/	Pass			
				-30	4.0	-0.415	-0.0002	/	Pass			
					-20	4.0	-1.073	-0.0004	/	Pass		
						4.0	0.043	0.0000	/	Pass		
				0	4.0	-1.245	-0.0005	/	Pass			
					4.0	-1.817	-0.0007	/	Pass			
				30	4.0	-0.830	-0.0003	/	Pass			
				40	4.0	-0.100	0.0000	/	Pass			
	50	4.0	-1.588	-0.0006	/	Pass						
	2560	100	0	20	3.55	0.072	0.0000	/	Pass			
					4.0	-1.330	-0.0005	/	Pass			
					4.4	-1.016	-0.0004	/	Pass			
				-30	4.0	-1.860	-0.0007	/	Pass			
					-20	4.0	-2.689	-0.0011	/	Pass		
						4.0	-2.003	-0.0008	/	Pass		
				0	4.0	-1.087	-0.0004	/	Pass			
					4.0	-0.501	-0.0002	/	Pass			
30				4.0	0.744	0.0003	/	Pass				
40				4.0	0.601	0.0002	/	Pass				
50	4.0	-0.830	-0.0003	/	Pass							
16QAM	2510	100	0	20	3.55	-1.645	-0.0007	/	Pass			
					4.0	-0.086	0.0000	/	Pass			
					4.4	-0.887	-0.0004	/	Pass			
				-30	4.0	-0.787	-0.0003	/	Pass			
					-20	4.0	-1.459	-0.0006	/	Pass		
						4.0	-1.760	-0.0007	/	Pass		
				0	4.0	-0.358	-0.0001	/	Pass			
					4.0	-0.858	-0.0003	/	Pass			
				30	4.0	-2.017	-0.0008	/	Pass			
				40	4.0	-0.401	-0.0002	/	Pass			
				50	4.0	-1.845	-0.0007	/	Pass			
				2535	100	0	20	3.55	-1.431	-0.0006	/	Pass



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				4.0	0.057	0.0000	/	Pass	
				4.4	-1.059	-0.0004	/	Pass	
				-30	4.0	-2.217	-0.0009	/	Pass
				-20	4.0	-0.601	-0.0002	/	Pass
				-10	4.0	0.544	0.0002	/	Pass
				0	4.0	0.014	0.0000	/	Pass
				10	4.0	-0.801	-0.0003	/	Pass
				30	4.0	-0.114	0.0000	/	Pass
				40	4.0	0.172	0.0001	/	Pass
	50	4.0	-0.529	-0.0002	/	Pass			
	2560	100	0	20	3.55	0.329	0.0001	/	Pass
					4.0	-0.644	-0.0003	/	Pass
					4.4	0.172	0.0001	/	Pass
				-30	4.0	-1.416	-0.0006	/	Pass
				-20	4.0	-0.143	-0.0001	/	Pass
				-10	4.0	-1.531	-0.0006	/	Pass
				0	4.0	-0.358	-0.0001	/	Pass
				10	4.0	0.000	0.0000	/	Pass
30				4.0	-0.601	-0.0002	/	Pass	
40	4.0	-1.016	-0.0004	/	Pass				
50	4.0	0.587	0.0002	/	Pass				
64QAM	2510	100	0	20	3.55	-0.190	-0.0001	/	Pass
					4.0	-0.098	0.0000	/	Pass
					4.4	-0.014	0.0000	/	Pass
				-30	4.0	0.952	0.0004	/	Pass
				-20	4.0	-0.900	-0.0004	/	Pass
				-10	4.0	-1.705	-0.0007	/	Pass
				0	4.0	1.010	0.0004	/	Pass
				10	4.0	1.349	0.0005	/	Pass
				30	4.0	-0.036	0.0000	/	Pass
	40	4.0	-0.161	-0.0001	/	Pass			
	50	4.0	-0.243	-0.0001	/	Pass			
	2535	100	0	20	3.55	-1.278	-0.0005	/	Pass
					4.0	-0.047	0.0000	/	Pass
					4.4	0.786	0.0003	/	Pass
				-30	4.0	-1.028	-0.0004	/	Pass
				-20	4.0	1.265	0.0005	/	Pass
				-10	4.0	-0.612	-0.0002	/	Pass
				0	4.0	-0.695	-0.0003	/	Pass
10				4.0	0.976	0.0004	/	Pass	
30				4.0	0.039	0.0000	/	Pass	
40	4.0	0.757	0.0003	/	Pass				
50	4.0	-1.503	-0.0006	/	Pass				
2560	100	0	20	3.55	-1.647	-0.0006	/	Pass	
				4.0	-0.036	0.0000	/	Pass	
			4.4	-0.298	-0.0001	/	Pass		
			-30	4.0	-1.238	-0.0005	/	Pass	
			-20	4.0	-0.509	-0.0002	/	Pass	



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				-10	4.0	1.600	0.0006	/	Pass
				0	4.0	-0.730	-0.0003	/	Pass
				10	4.0	-0.939	-0.0004	/	Pass
				30	4.0	-0.458	-0.0002	/	Pass
				40	4.0	0.545	0.0002	/	Pass
				50	4.0	-0.380	-0.0001	/	Pass
256QAM	2510	100	0	20	3.55	-0.118	0.0000	/	Pass
					4.0	0.615	0.0002	/	Pass
					4.4	-0.549	-0.0002	/	Pass
				-30	4.0	0.489	0.0002	/	Pass
				-20	4.0	1.107	0.0004	/	Pass
				-10	4.0	0.309	0.0001	/	Pass
				0	4.0	1.218	0.0005	/	Pass
				10	4.0	-0.760	-0.0003	/	Pass
				30	4.0	0.839	0.0003	/	Pass
				40	4.0	0.805	0.0003	/	Pass
	50	4.0	-1.008	-0.0004	/	Pass			
	2535	100	0	20	3.55	-0.520	-0.0002	/	Pass
					4.0	2.117	0.0008	/	Pass
					4.4	0.572	0.0002	/	Pass
				-30	4.0	-0.145	-0.0001	/	Pass
				-20	4.0	0.376	0.0001	/	Pass
				-10	4.0	0.785	0.0003	/	Pass
				0	4.0	-1.049	-0.0004	/	Pass
				10	4.0	0.580	0.0002	/	Pass
				30	4.0	2.943	0.0012	/	Pass
40				4.0	-0.286	-0.0001	/	Pass	
50	4.0	-1.344	-0.0005	/	Pass				
2560	100	0	20	3.55	0.323	0.0001	/	Pass	
				4.0	0.388	0.0002	/	Pass	
				4.4	0.343	0.0001	/	Pass	
			-30	4.0	-1.311	-0.0005	/	Pass	
			-20	4.0	-0.397	-0.0002	/	Pass	
			-10	4.0	0.134	0.0001	/	Pass	
			0	4.0	-0.716	-0.0003	/	Pass	
			10	4.0	1.192	0.0005	/	Pass	
			30	4.0	-0.735	-0.0003	/	Pass	
			40	4.0	0.454	0.0002	/	Pass	
50	4.0	0.788	0.0003	/	Pass				



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3. 99% & 26dB Bandwidth

3.1 Band7_OBW

3.1.1 Test Result

Band: 7 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.547	/	Pass
		2535	25	0	4.554	/	Pass
		2567.5	25	0	4.562	/	Pass
	16QAM	2502.5	25	0	4.559	/	Pass
		2535	25	0	4.563	/	Pass
		2567.5	25	0	4.535	/	Pass
	64QAM	2502.5	25	0	4.561	/	Pass
		2535	25	0	4.557	/	Pass
		2567.5	25	0	4.530	/	Pass
	256QAM	2502.5	25	0	4.556	/	Pass
		2535	25	0	4.569	/	Pass
		2567.5	25	0	4.559	/	Pass
10	QPSK	2505	50	0	9.070	/	Pass
		2535	50	0	9.060	/	Pass
		2565	50	0	9.059	/	Pass
	16QAM	2505	50	0	9.048	/	Pass
		2535	50	0	9.073	/	Pass
		2565	50	0	9.054	/	Pass
	64QAM	2505	50	0	9.037	/	Pass
		2535	50	0	9.066	/	Pass
		2565	50	0	9.038	/	Pass
	256QAM	2505	50	0	9.041	/	Pass
		2535	50	0	9.051	/	Pass
		2565	50	0	9.051	/	Pass
15	QPSK	2507.5	75	0	13.547	/	Pass
		2535	75	0	13.564	/	Pass
		2562.5	75	0	13.569	/	Pass
	16QAM	2507.5	75	0	13.568	/	Pass
		2535	75	0	13.572	/	Pass
		2562.5	75	0	13.597	/	Pass
	64QAM	2507.5	75	0	13.585	/	Pass
		2535	75	0	13.581	/	Pass
		2562.5	75	0	13.584	/	Pass
	256QAM	2507.5	75	0	13.563	/	Pass
		2535	75	0	13.592	/	Pass
		2562.5	75	0	13.636	/	Pass
20	QPSK	2510	100	0	18.099	/	Pass



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	16QAM	2535	100	0	18.108	/	Pass	
		2560	100	0	18.067	/	Pass	
		2510	100	0	18.070	/	Pass	
	64QAM	2535	100	0	18.095	/	Pass	
		2560	100	0	18.038	/	Pass	
		2510	100	0	18.064	/	Pass	
	256QAM	2535	100	0	18.095	/	Pass	
		2560	100	0	18.084	/	Pass	
		2510	100	0	18.032	/	Pass	
			2535	100	0	18.147	/	Pass
			2560	100	0	18.052	/	Pass



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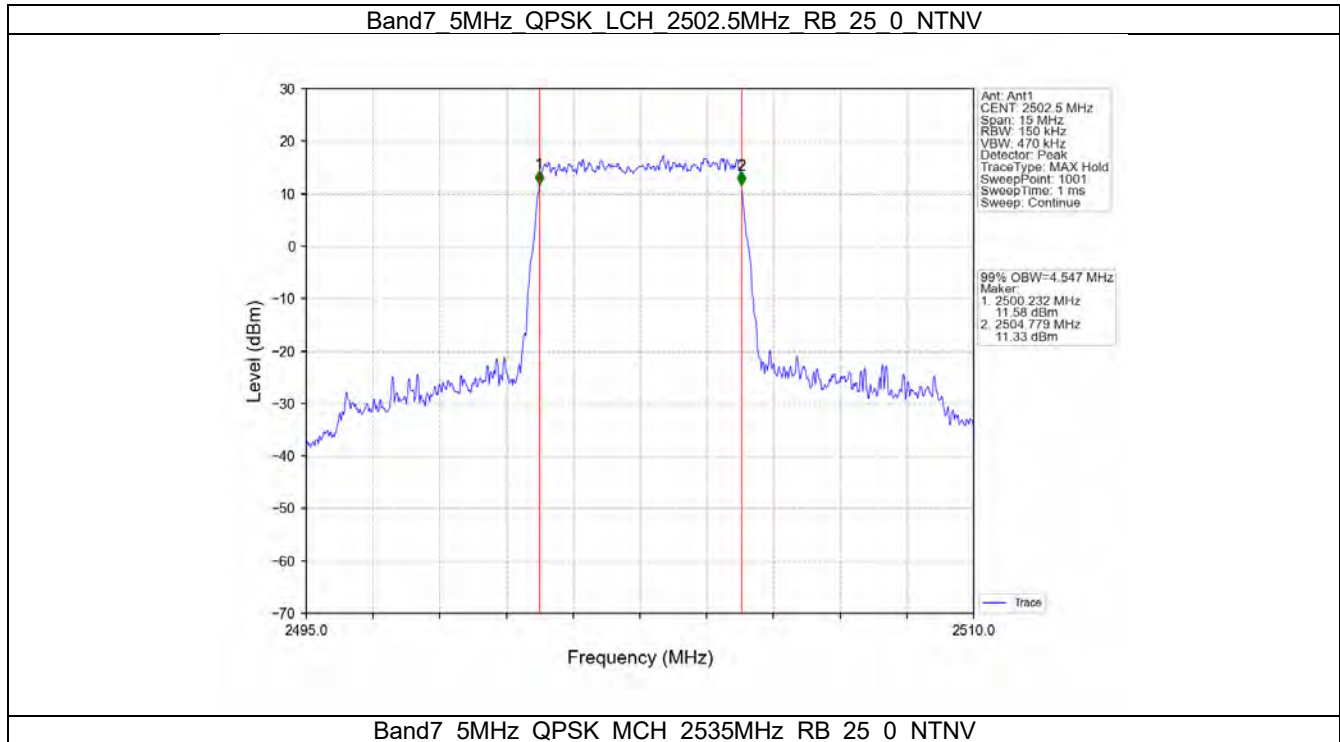
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3.1.2 Test Graph



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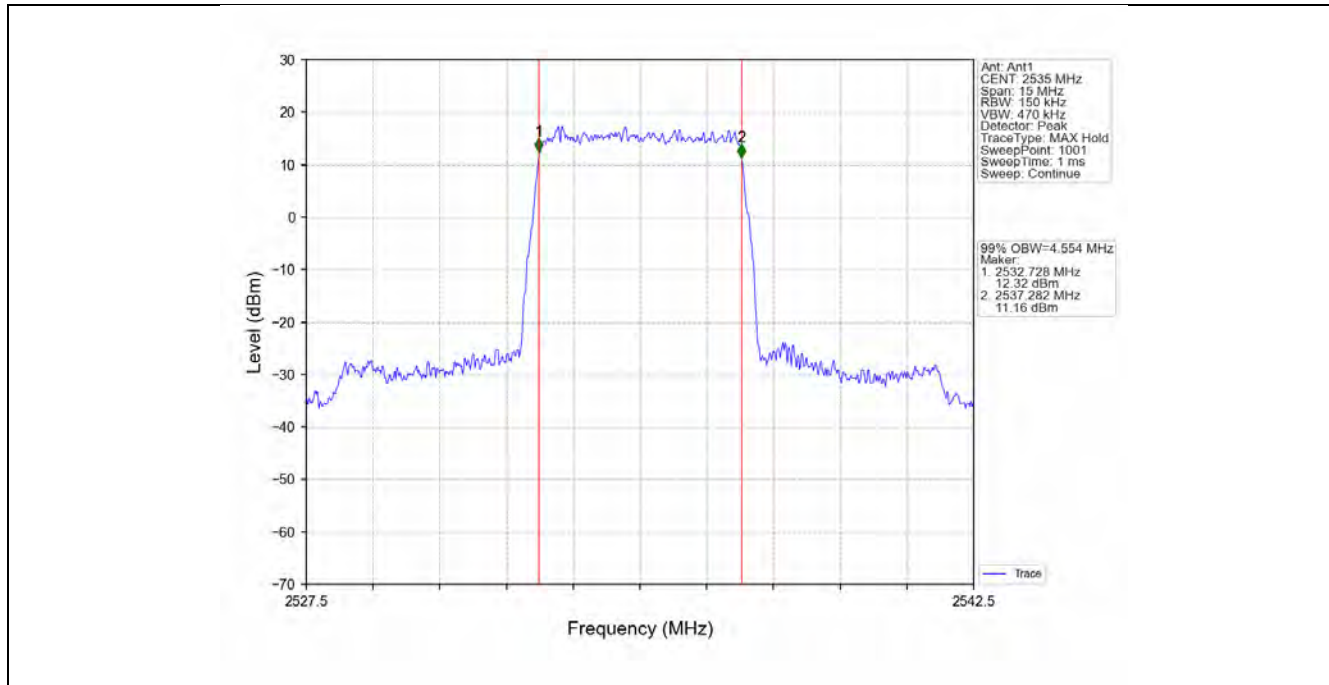
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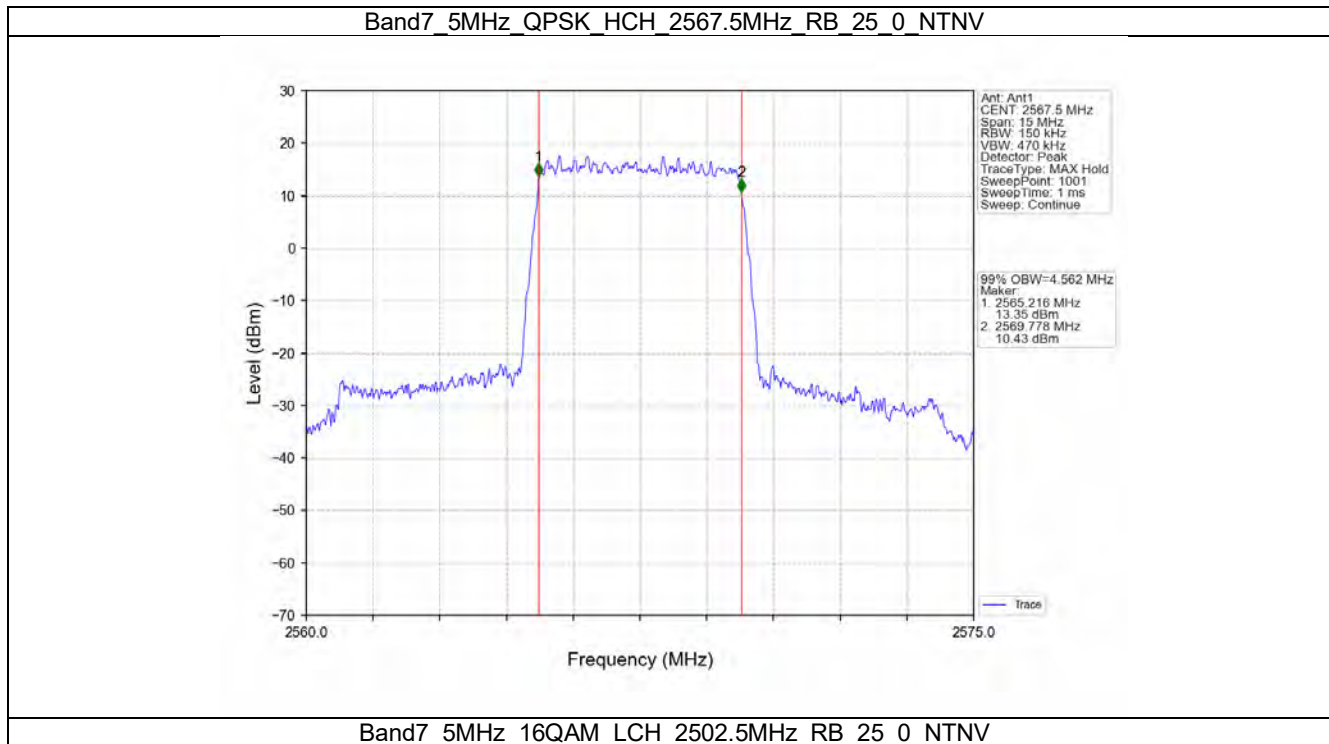
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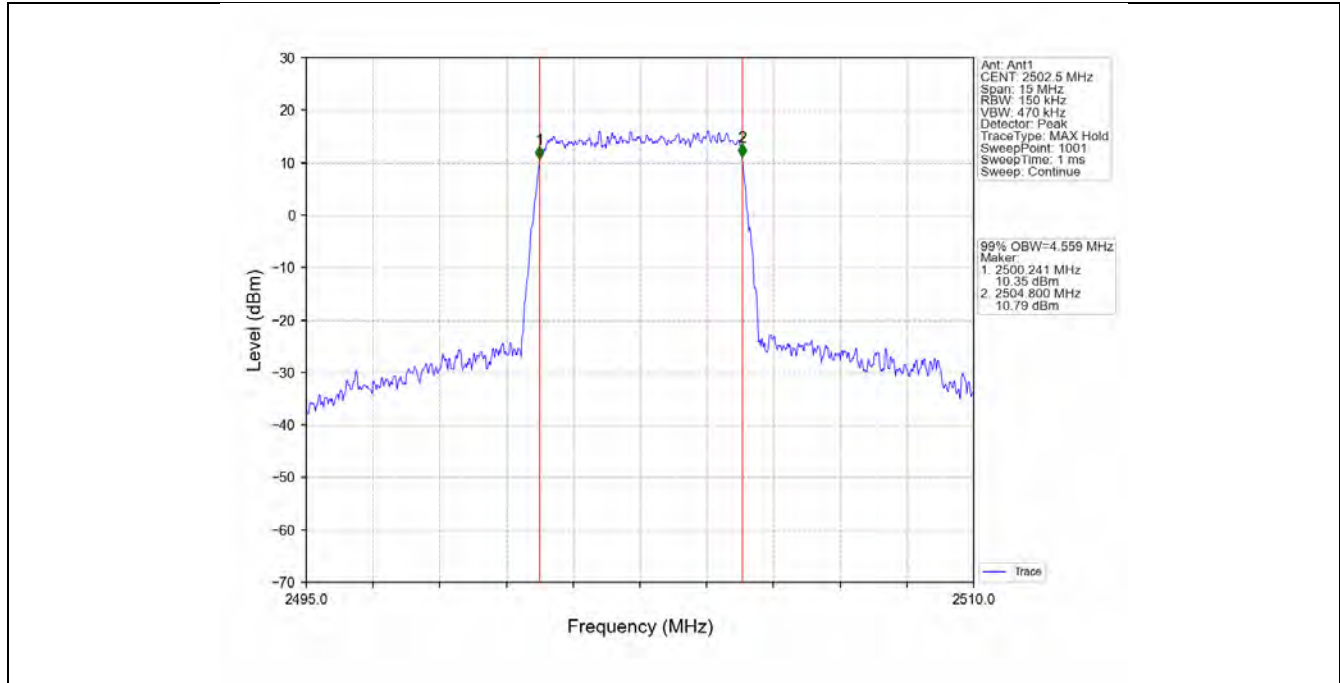


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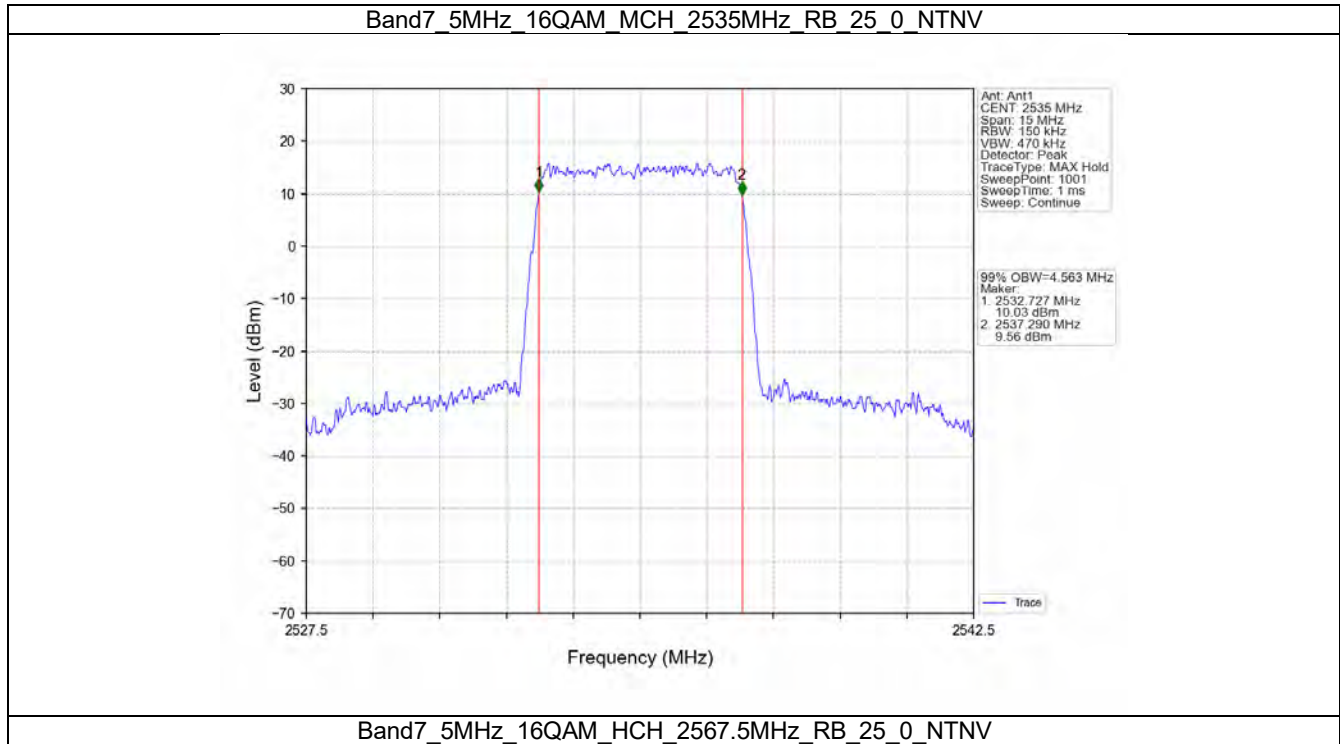


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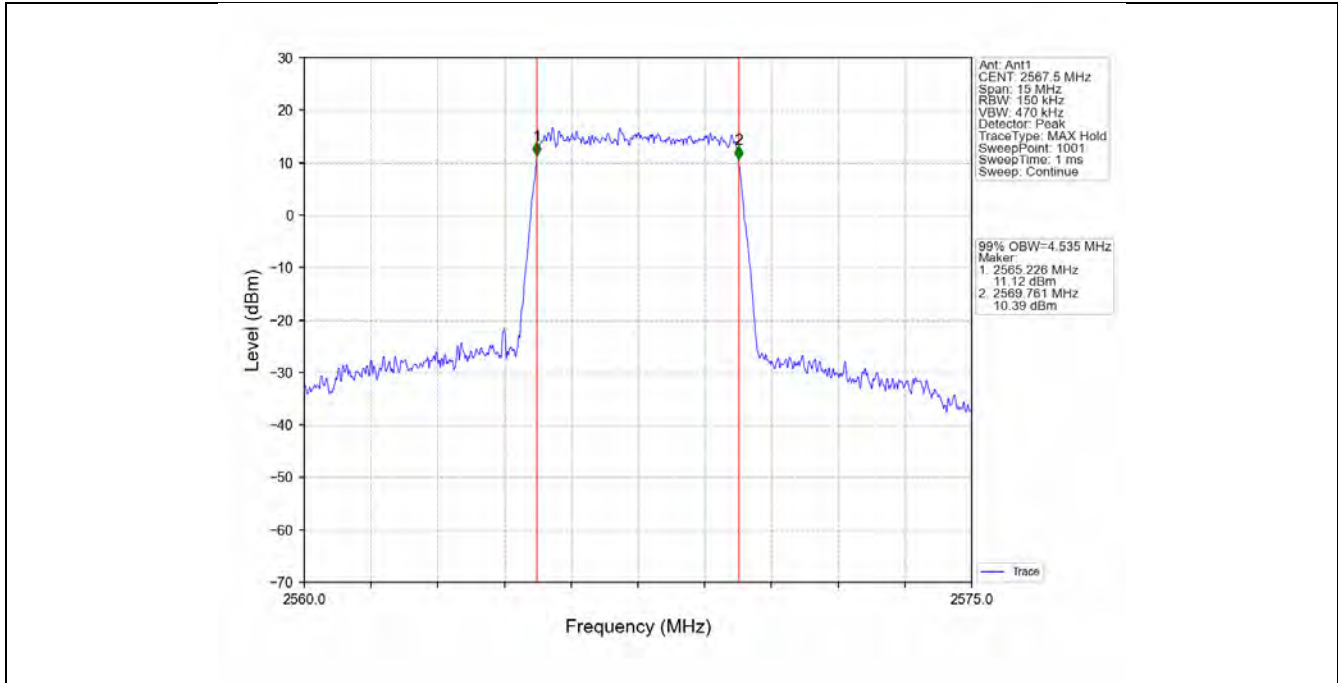


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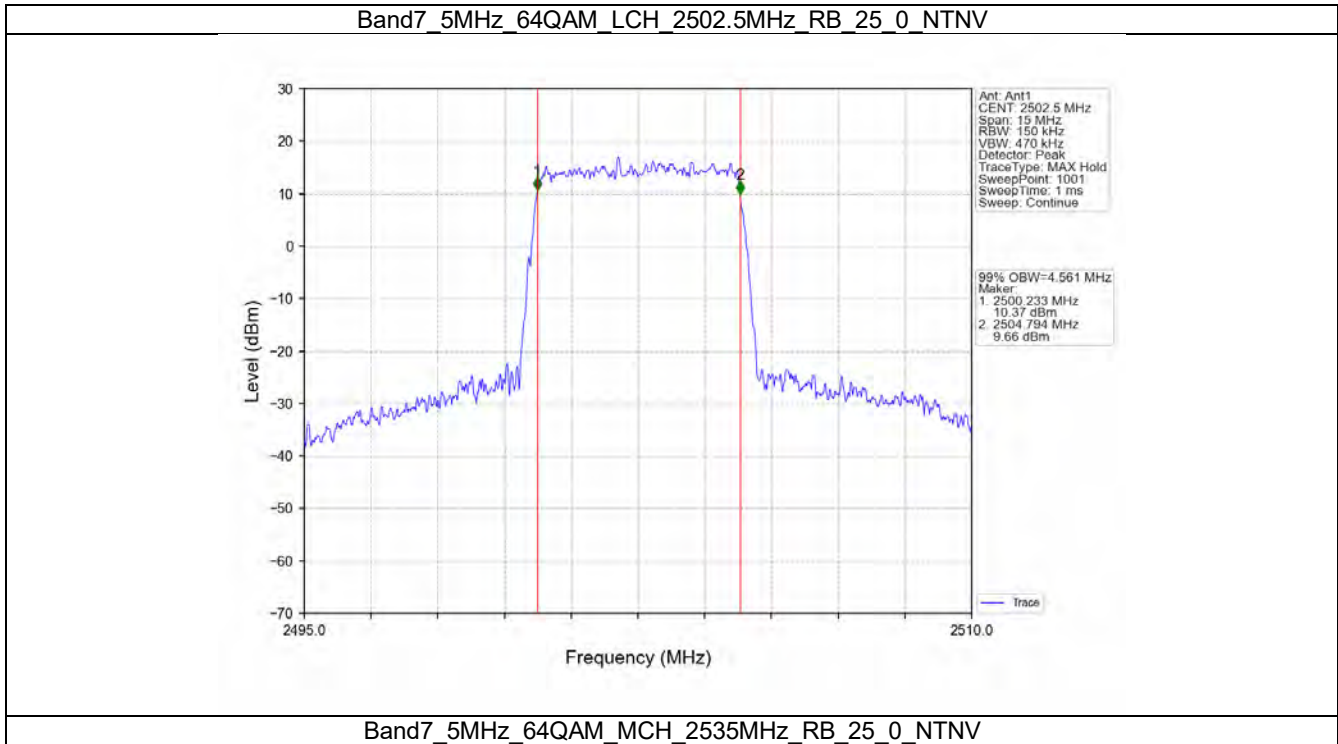


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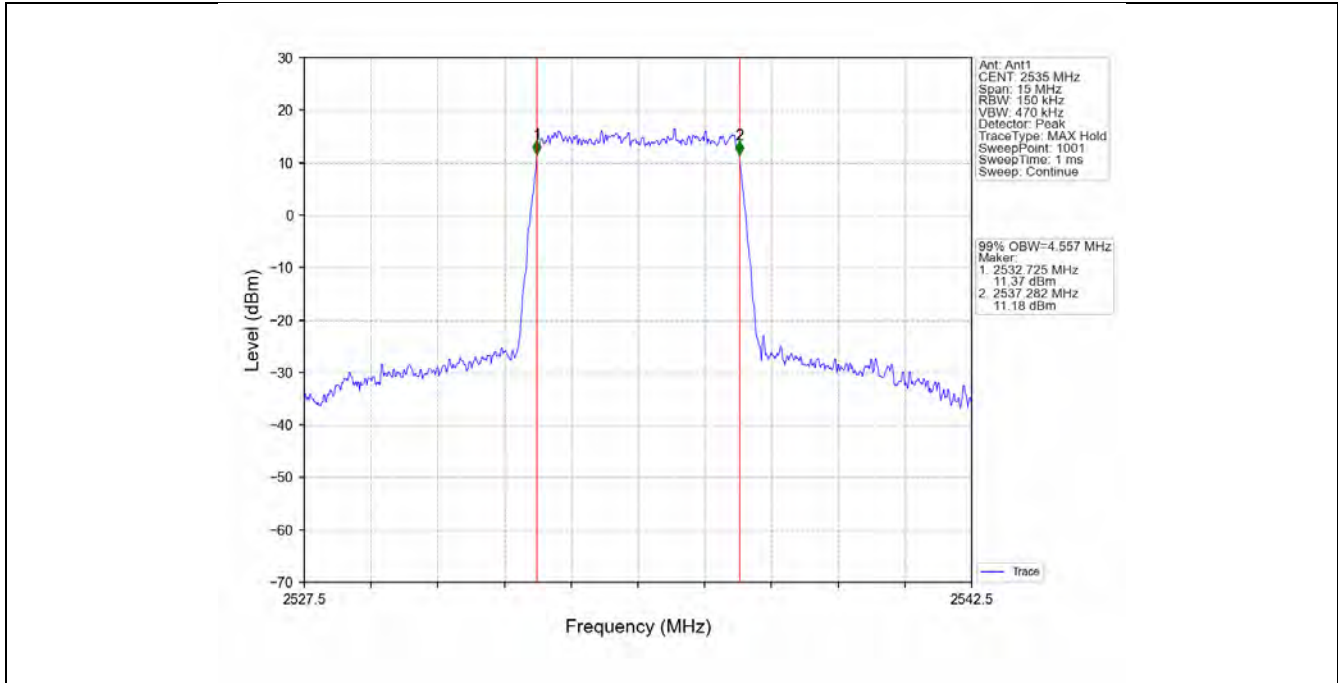


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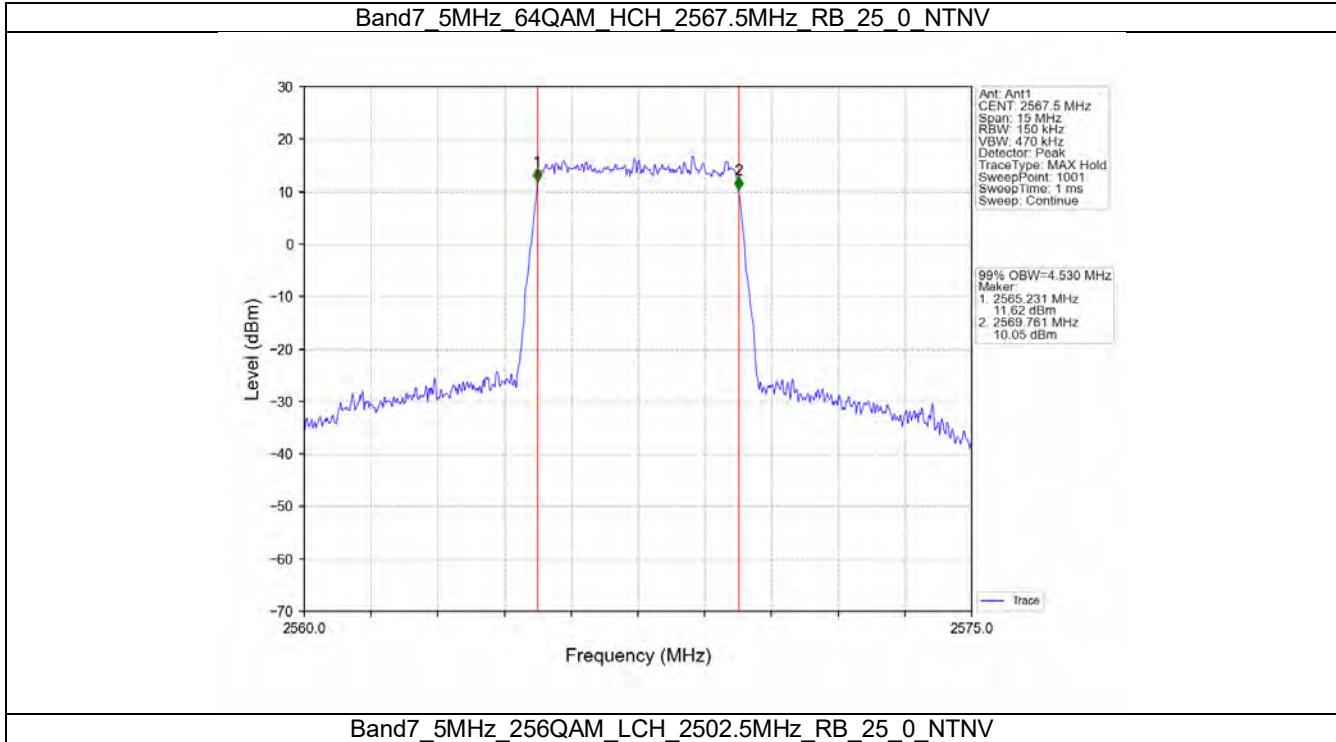


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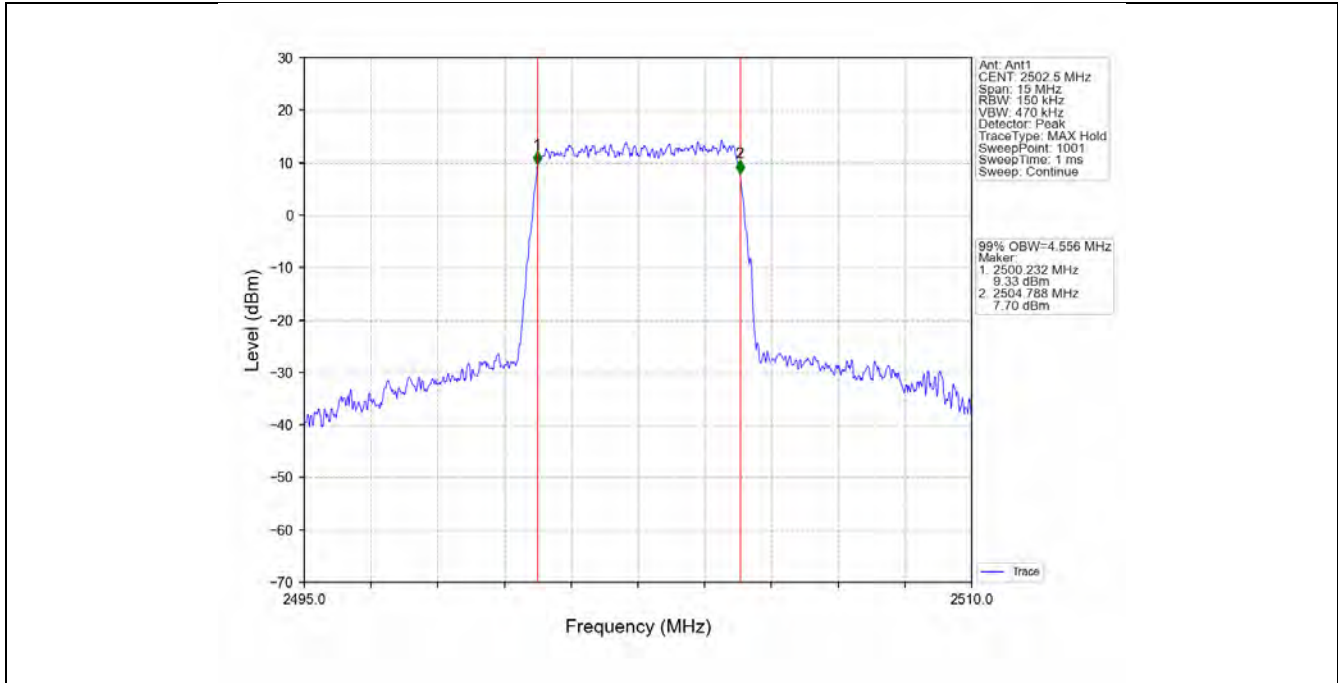


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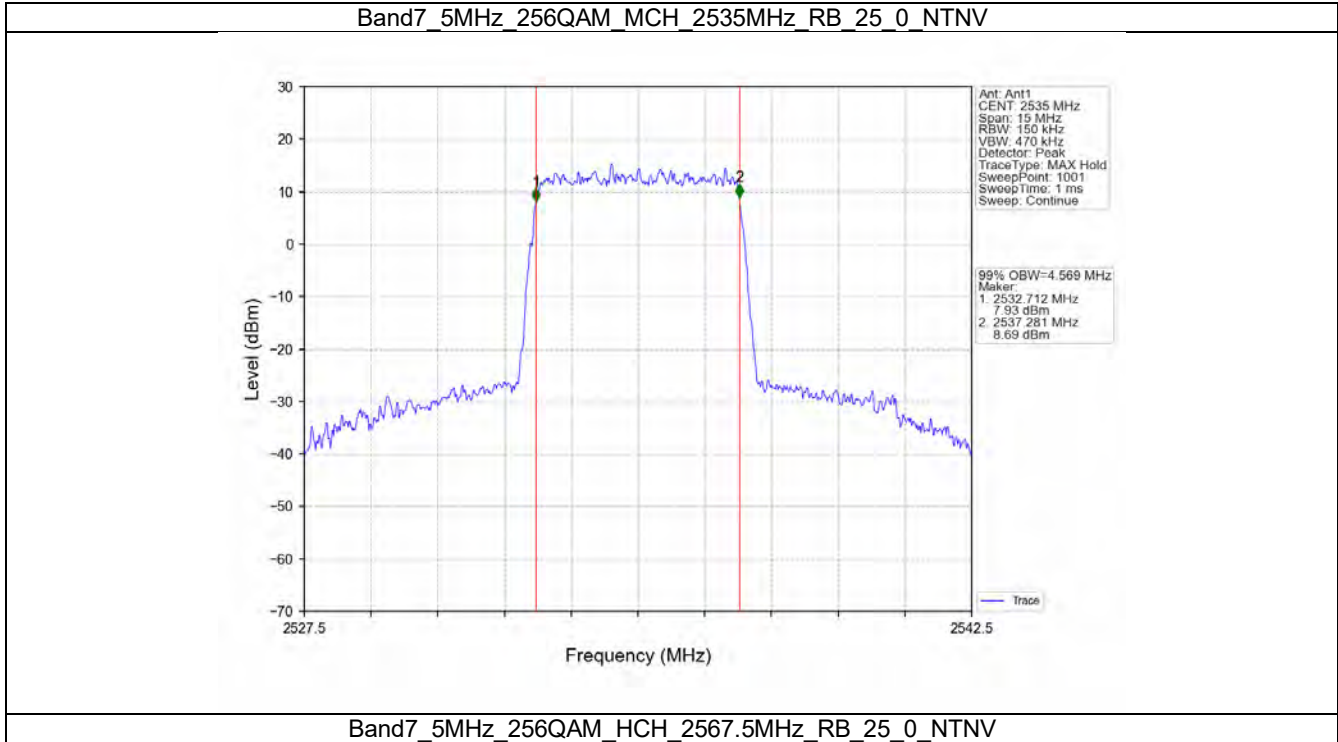


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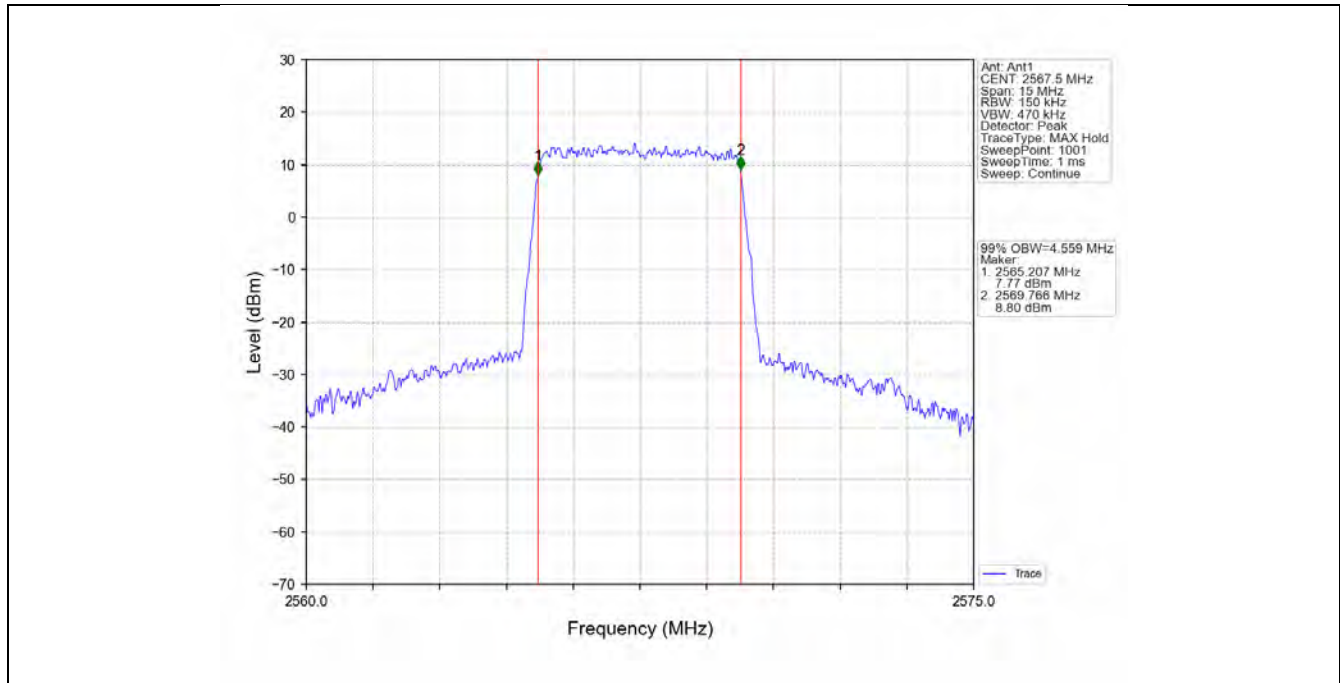


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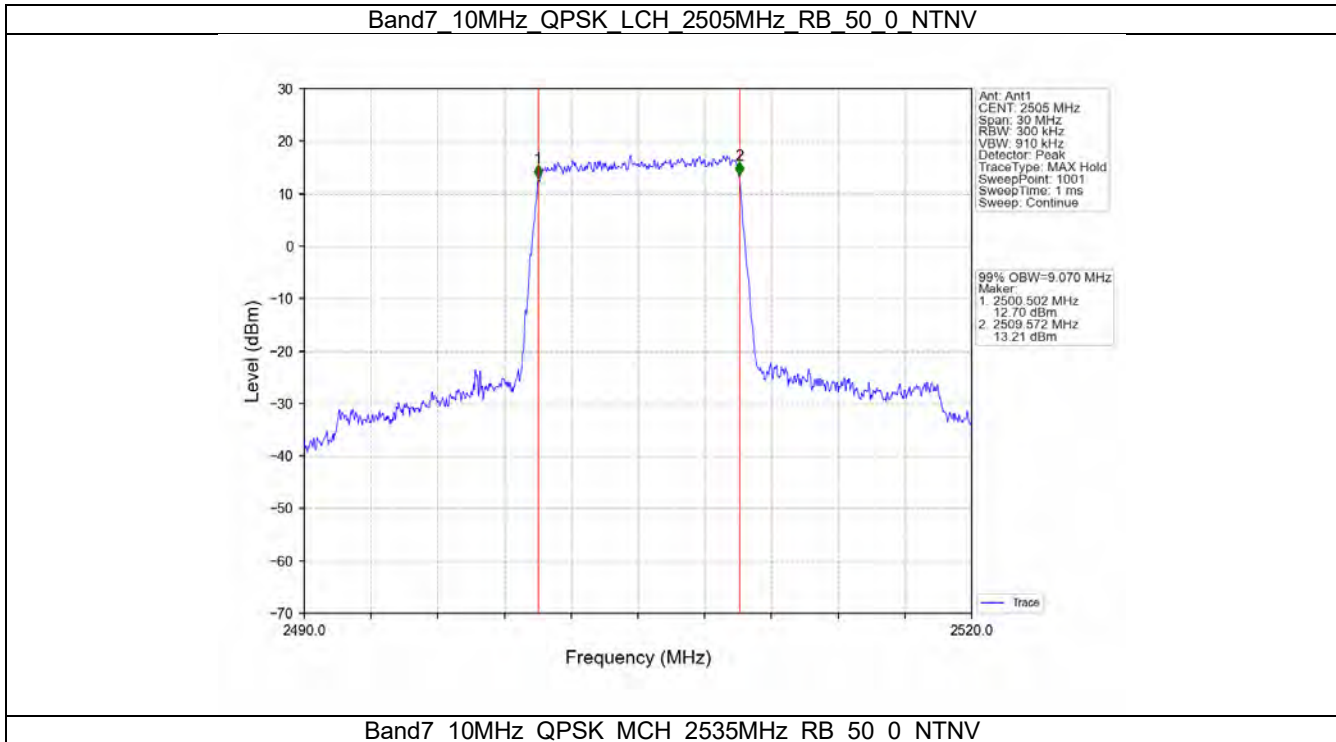


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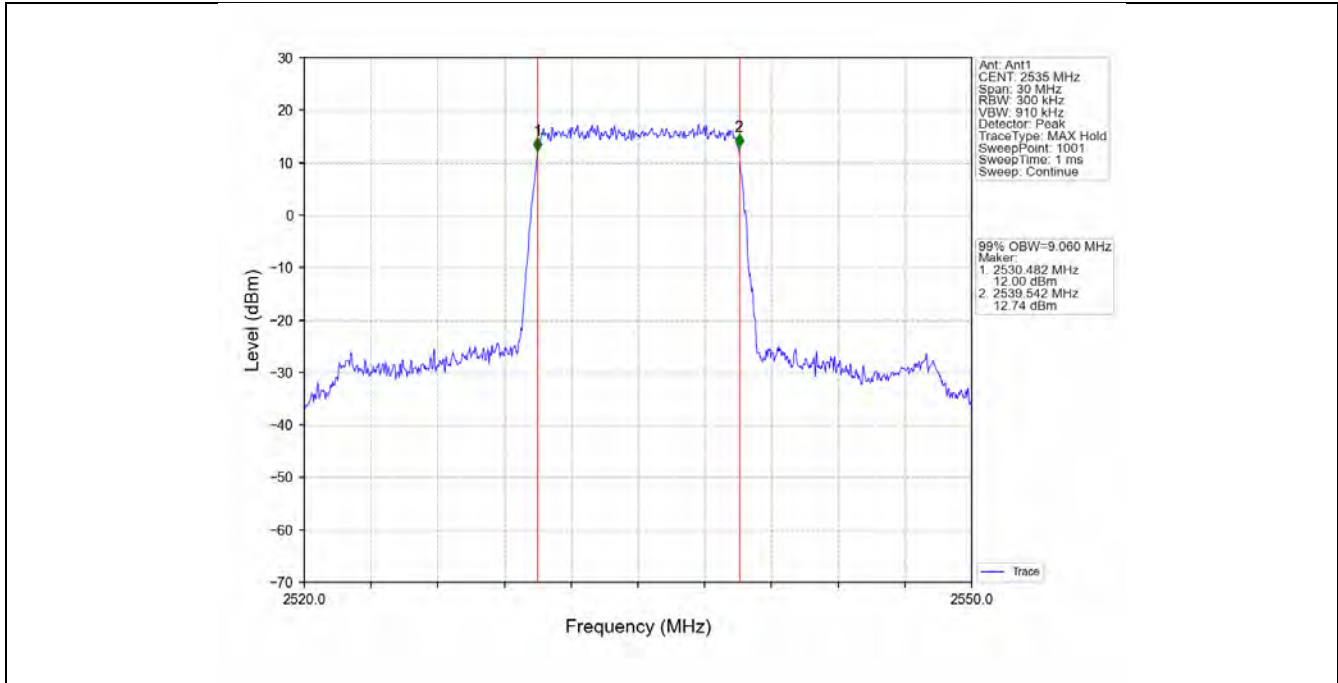


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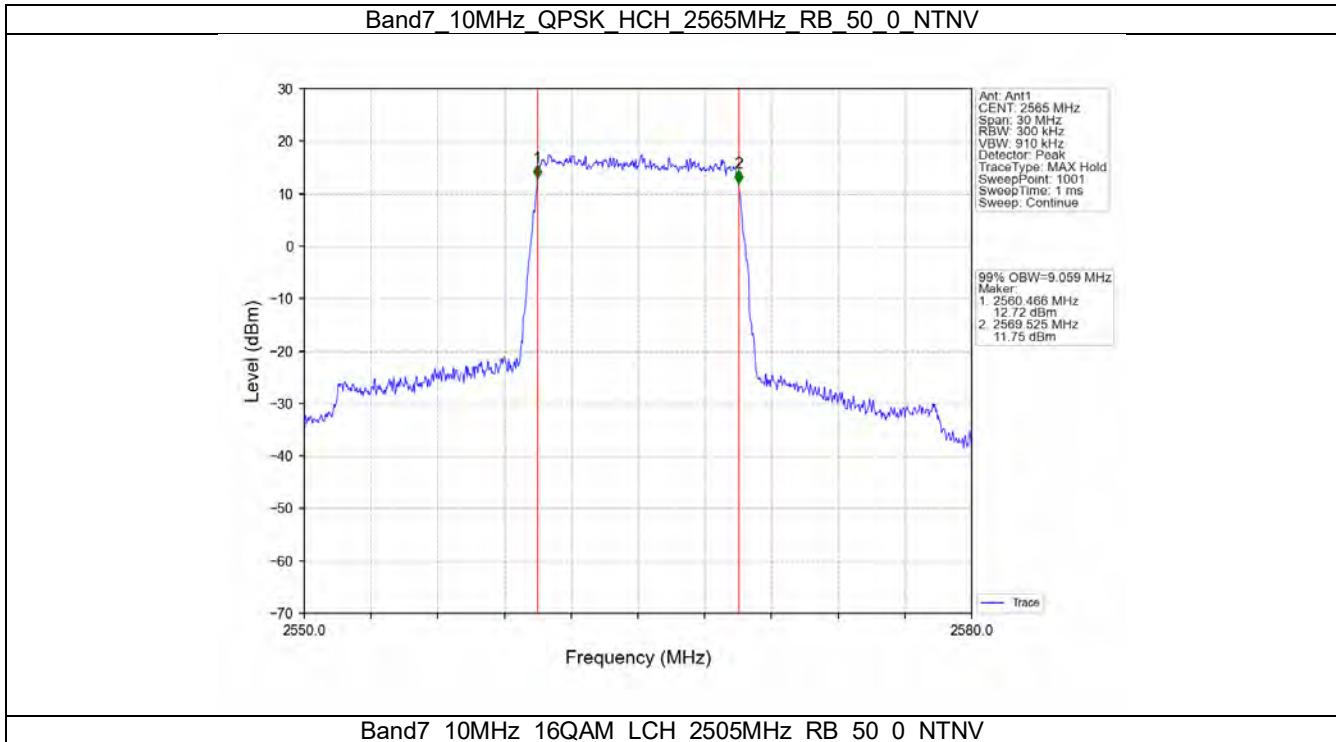


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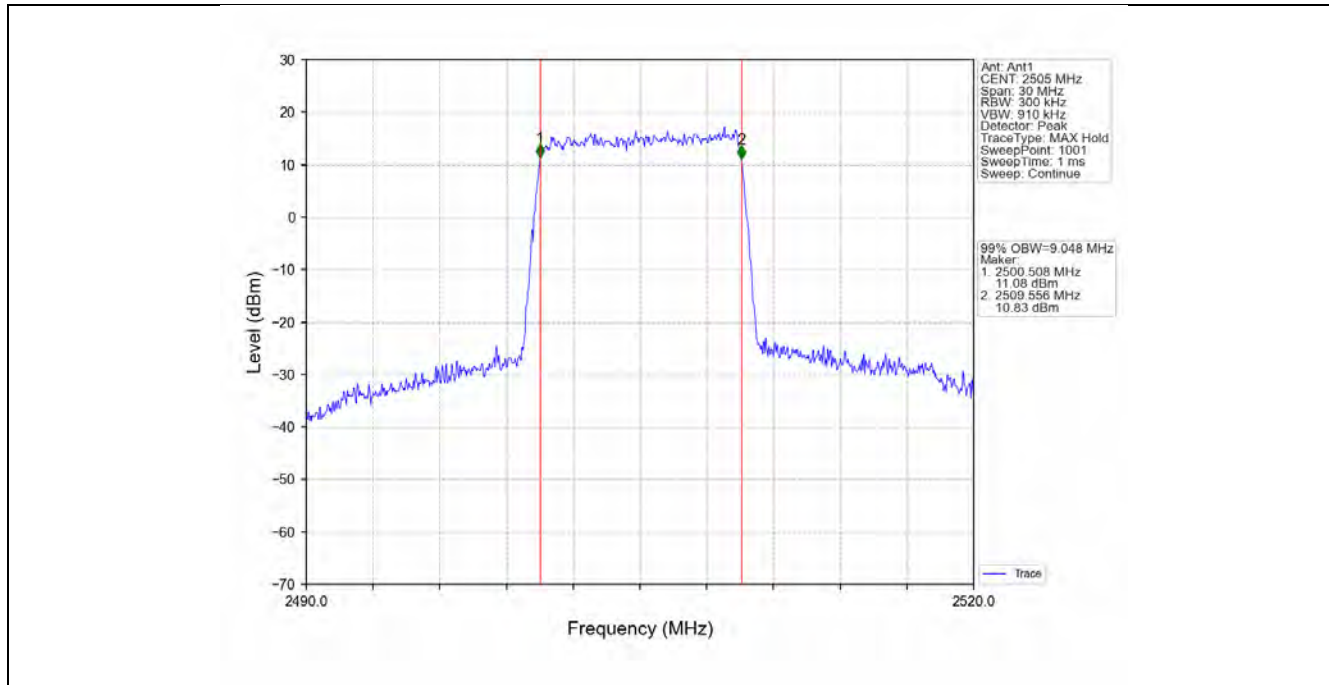
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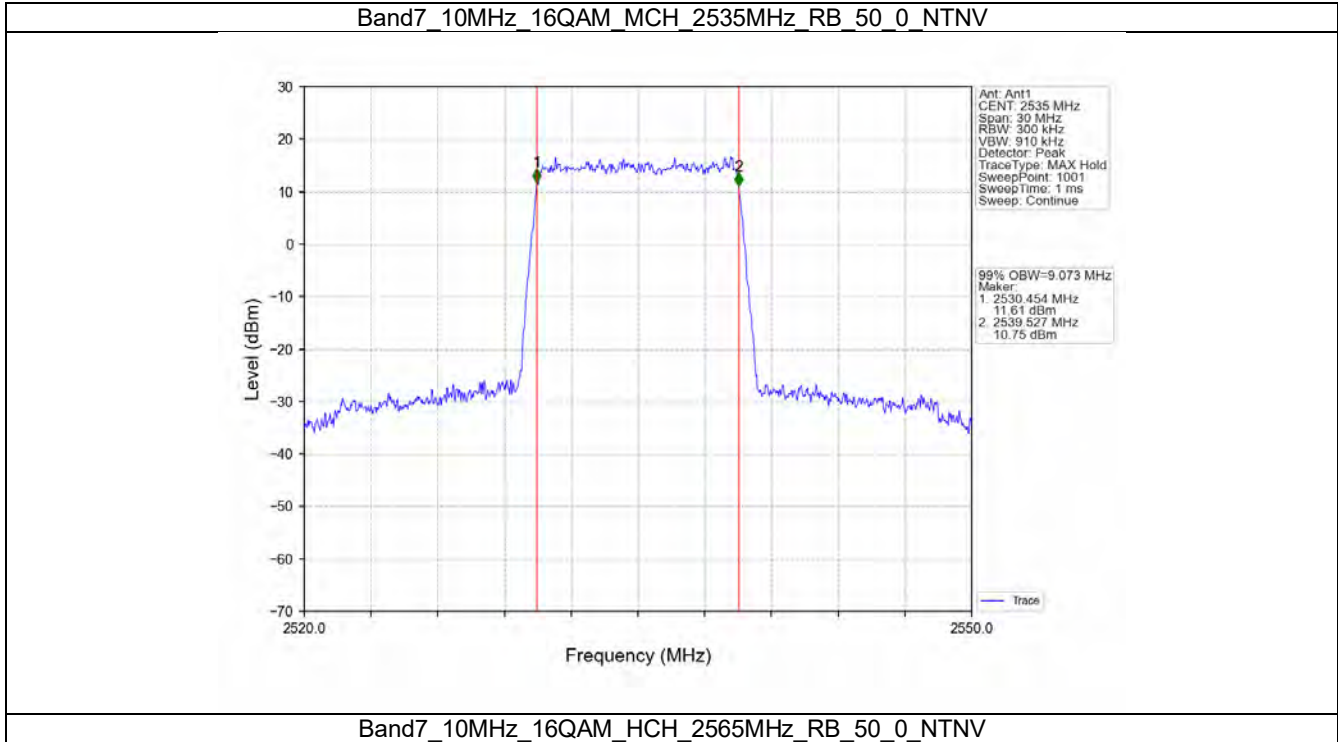


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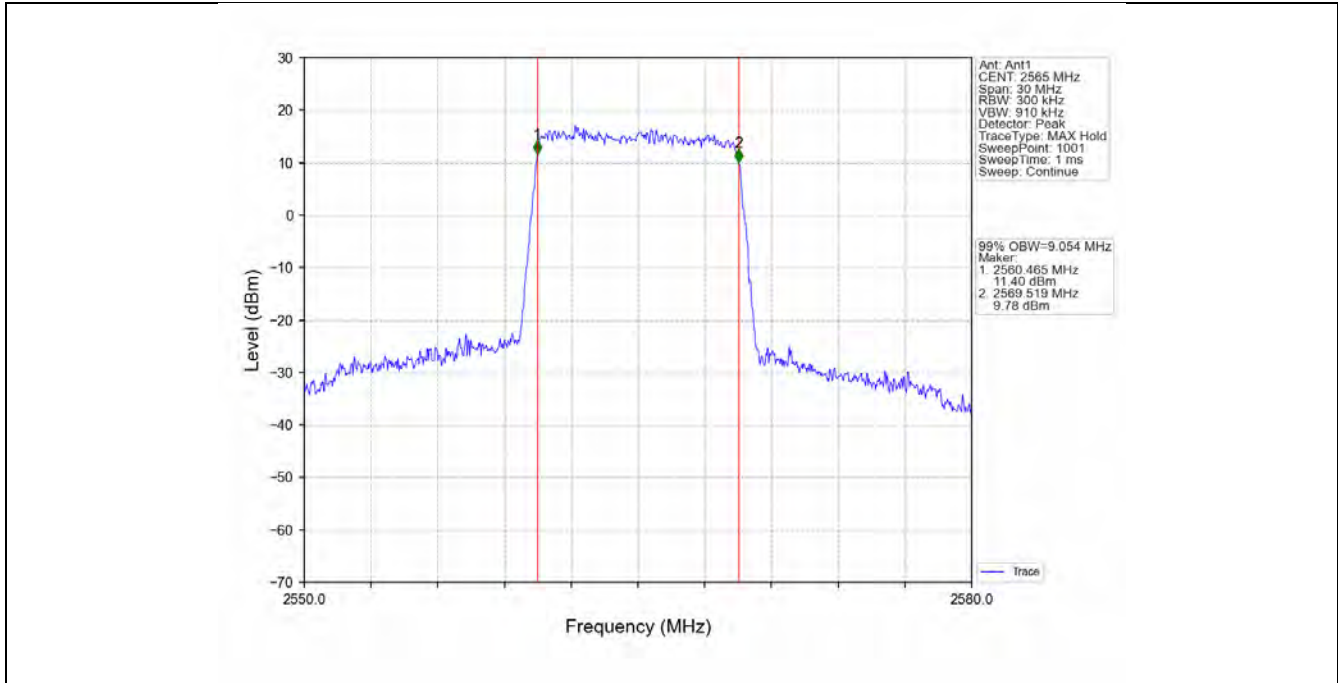


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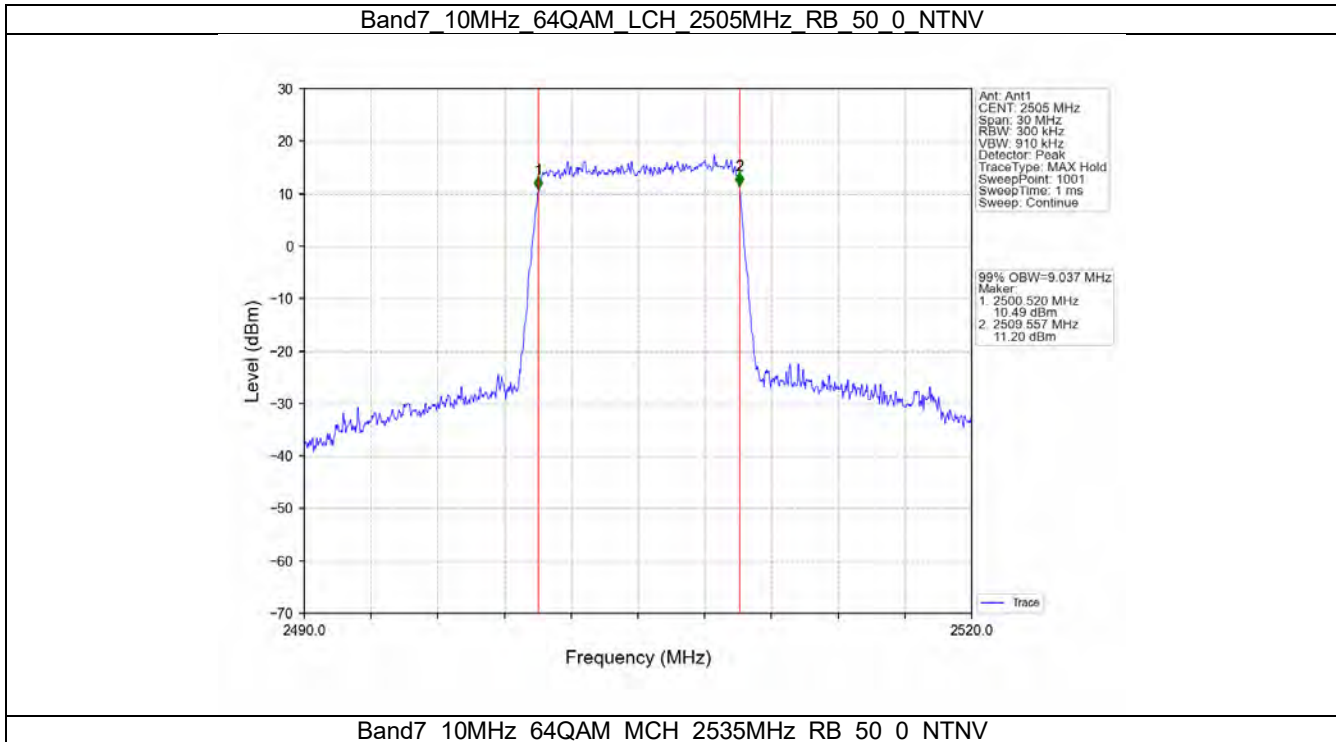


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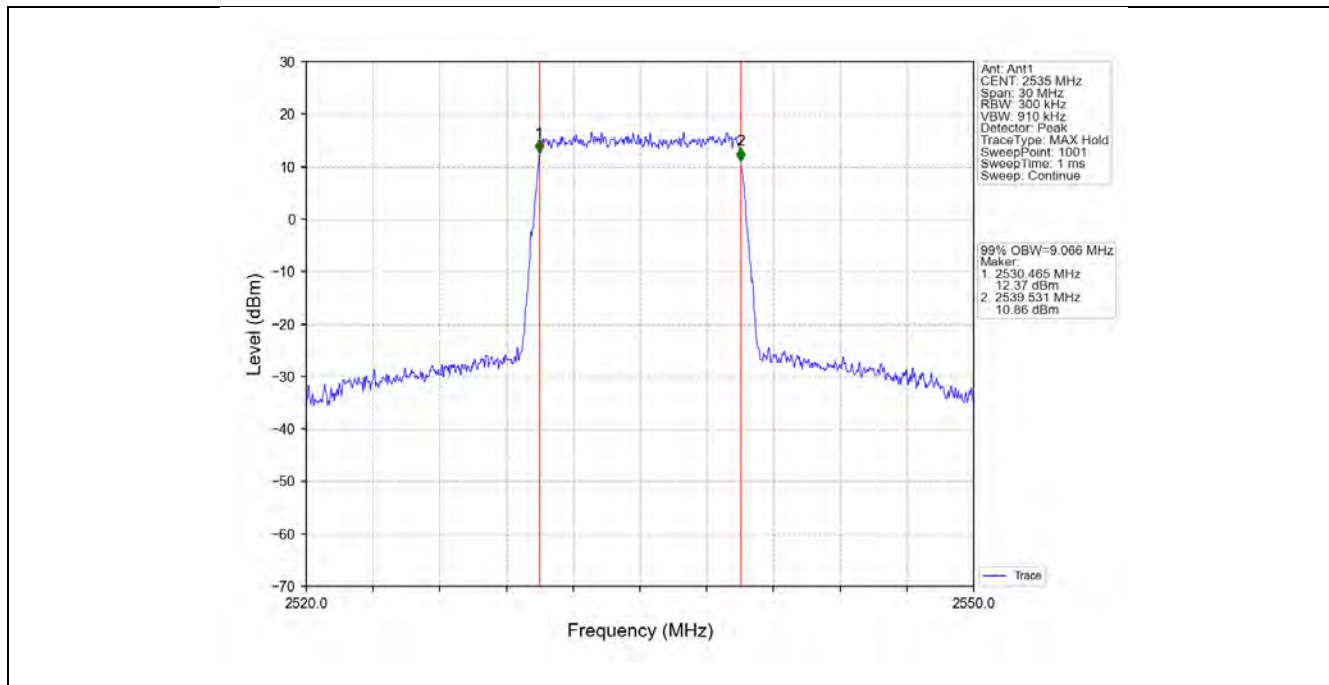
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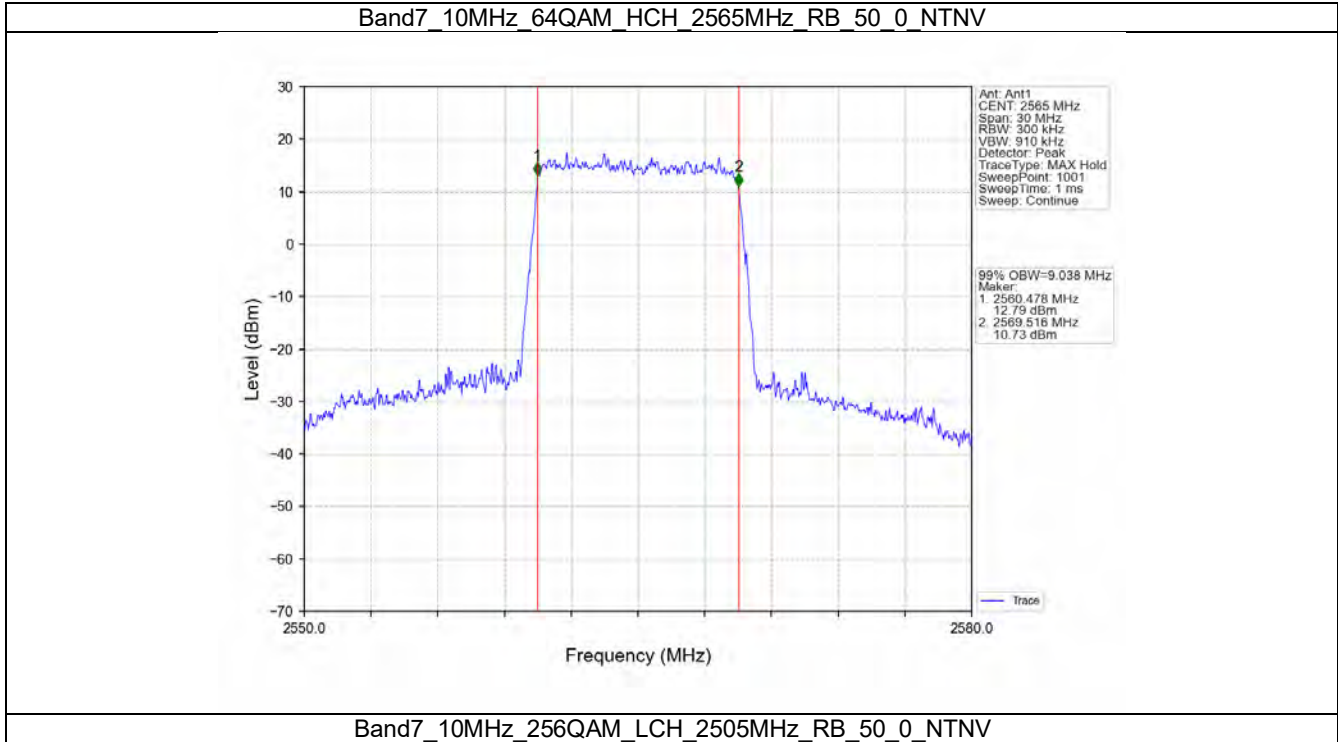


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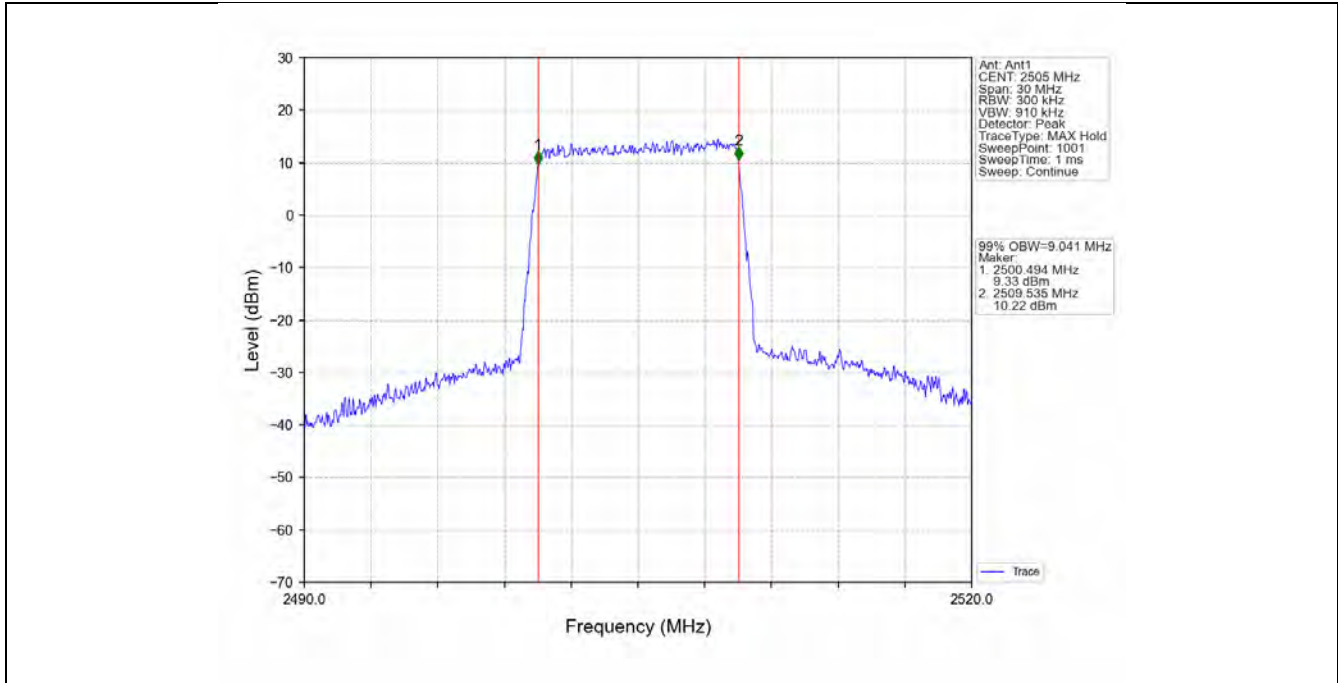


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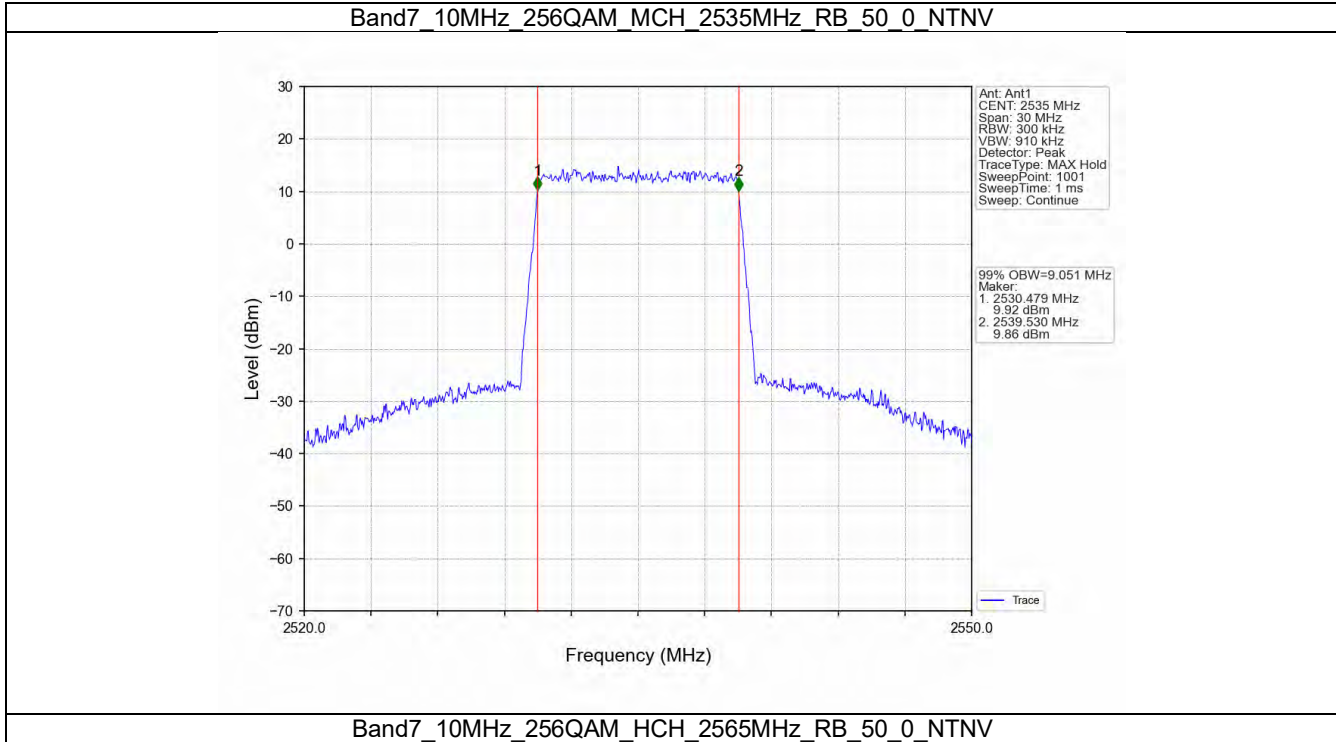


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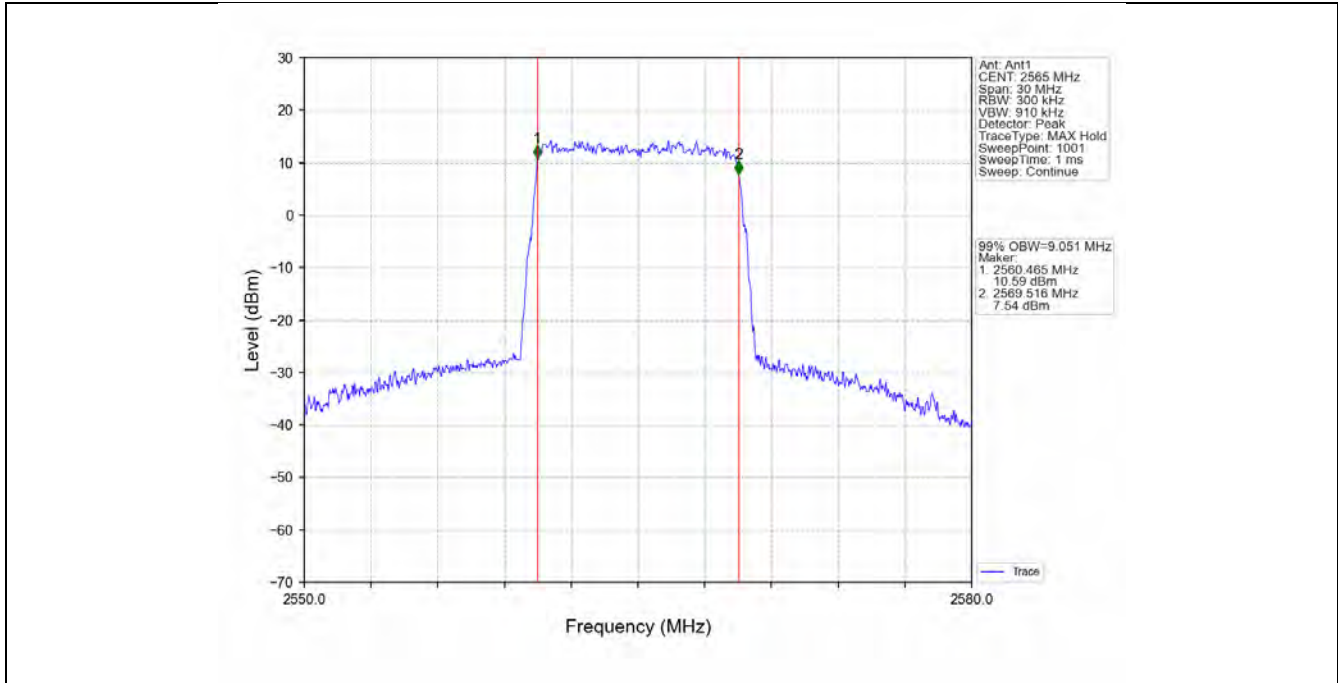


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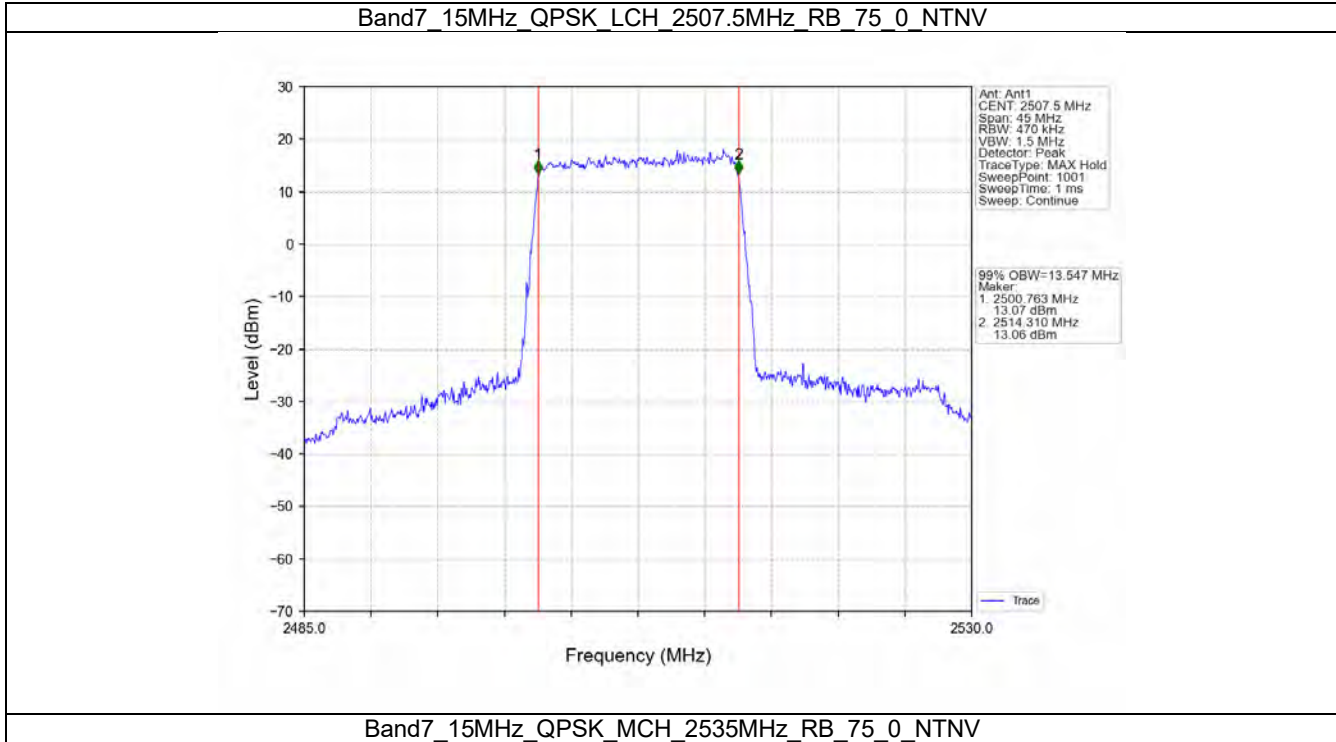


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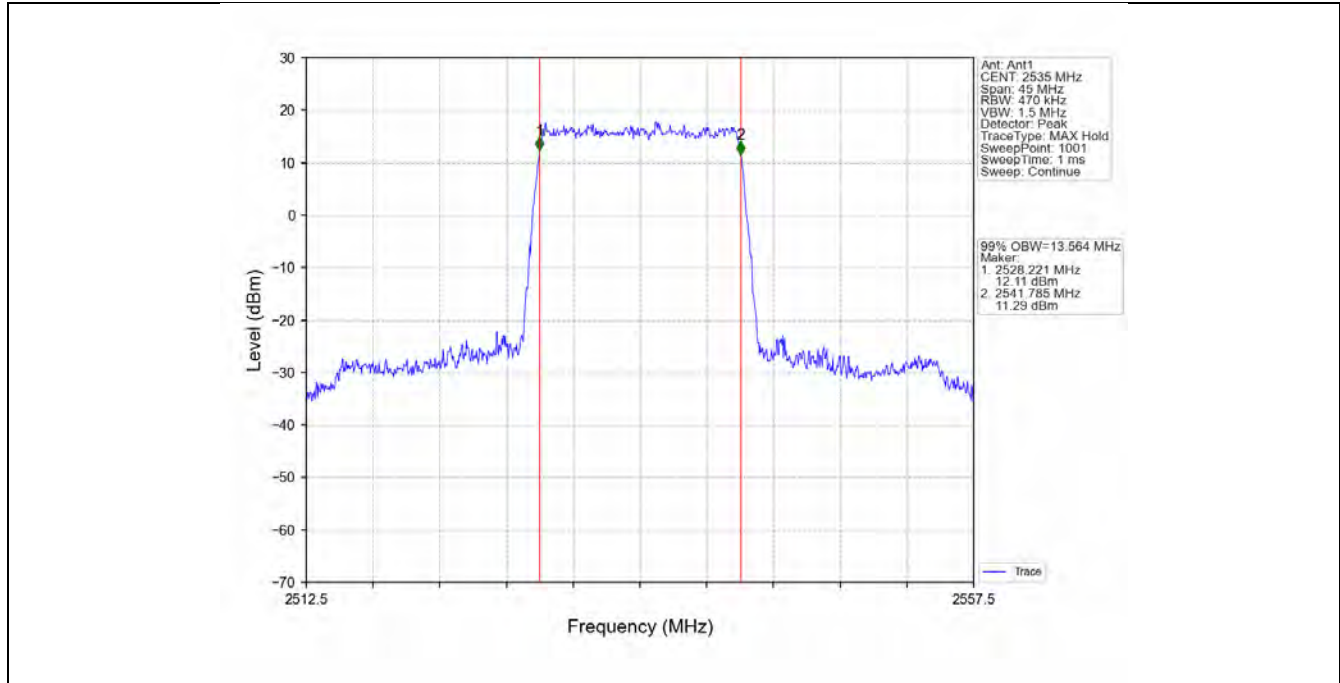


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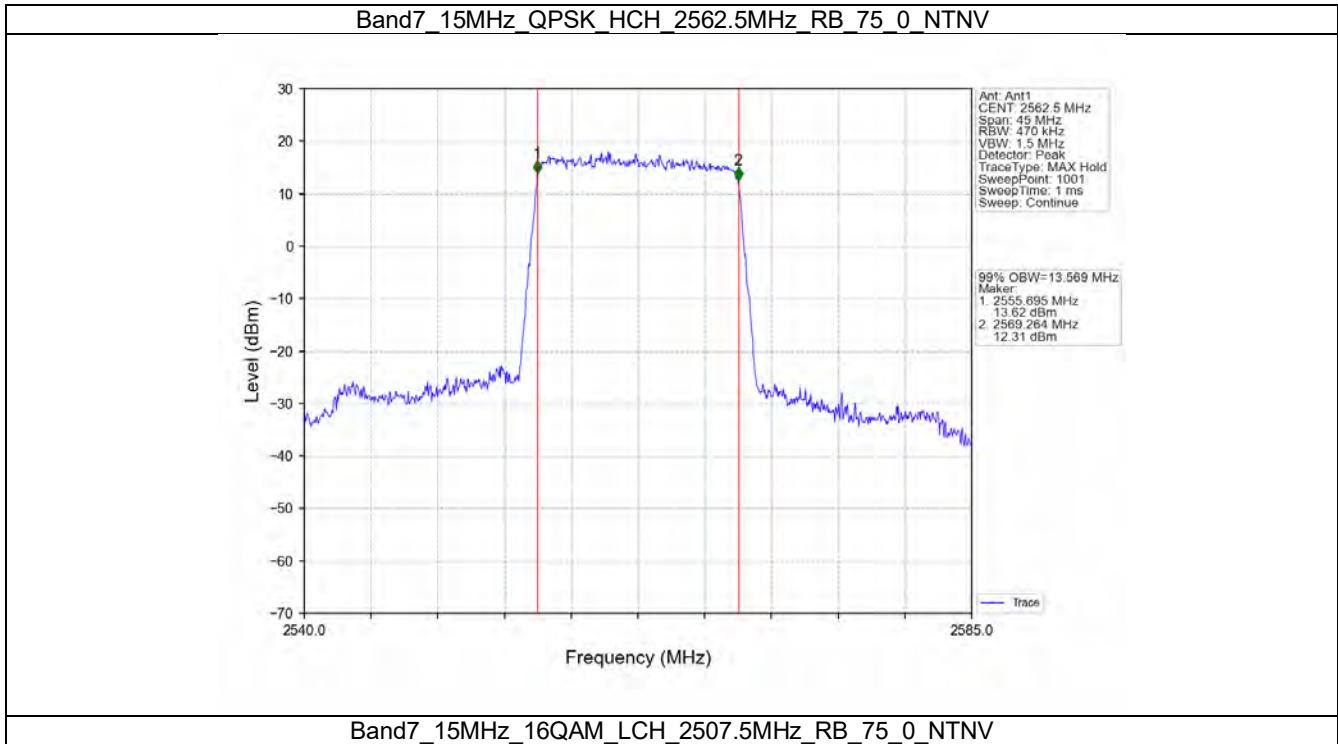


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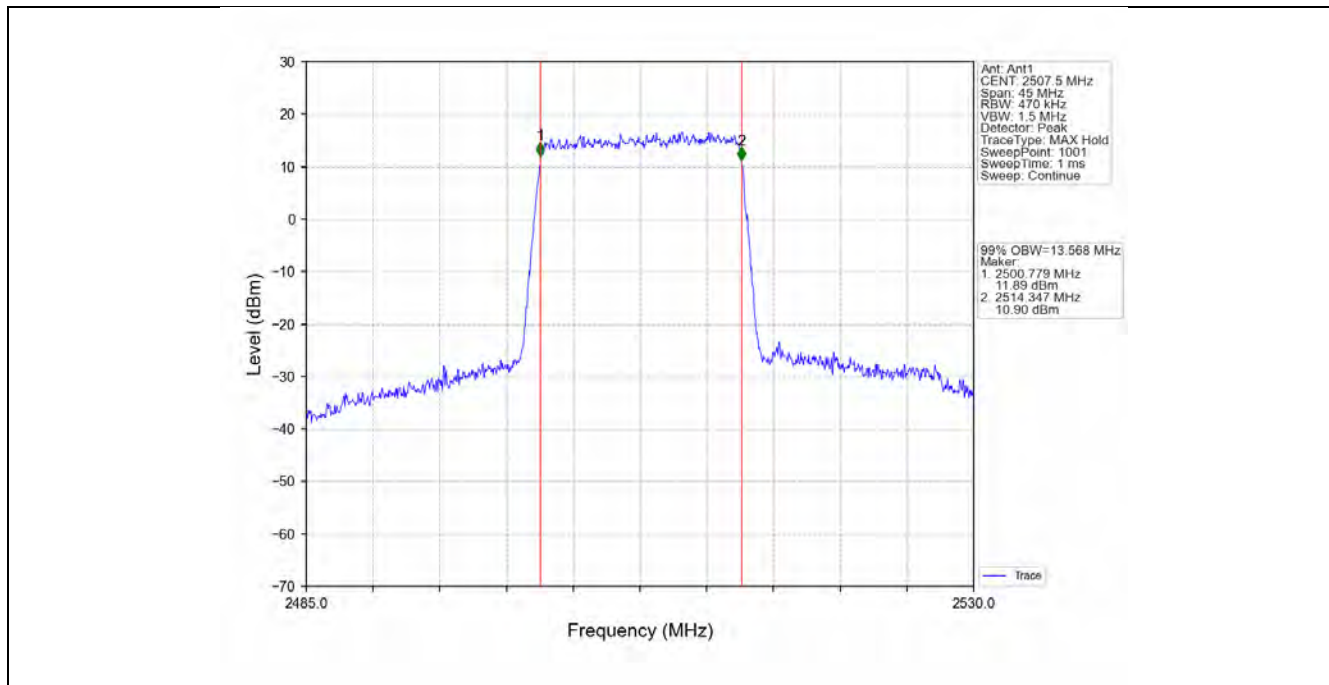
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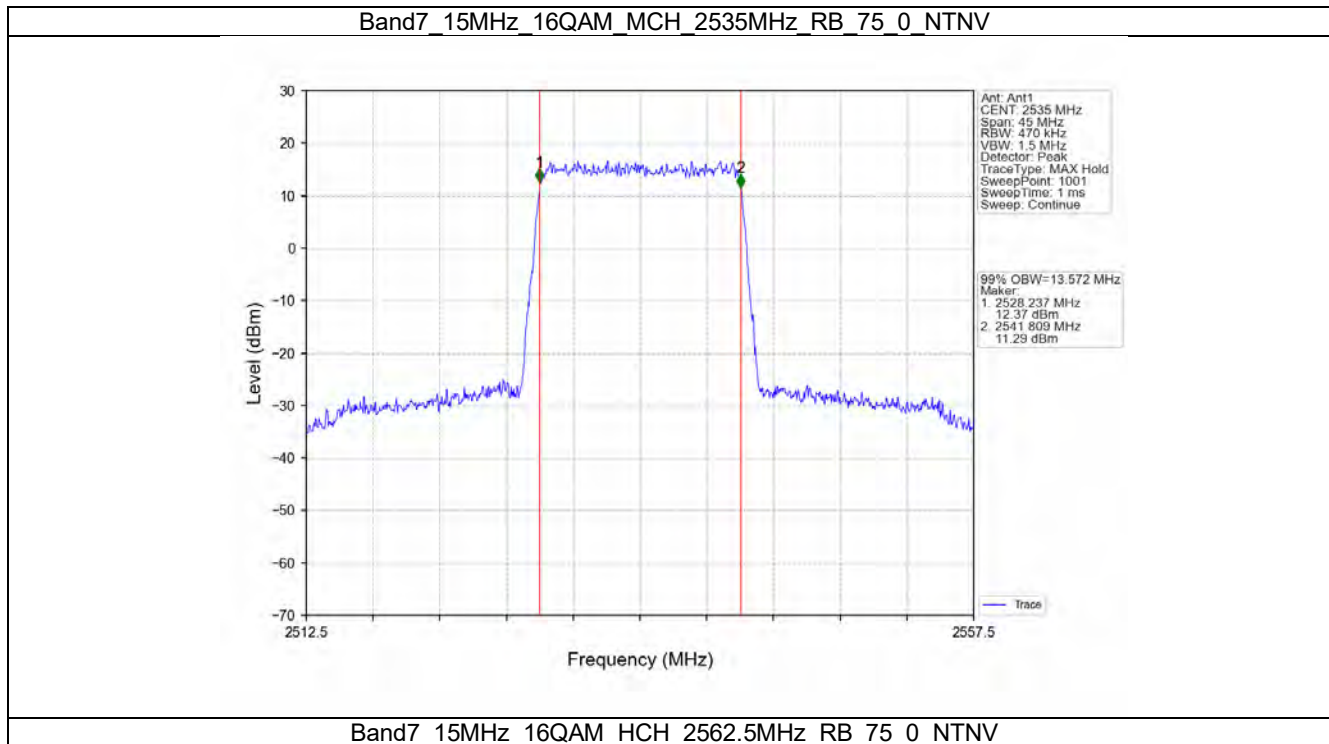
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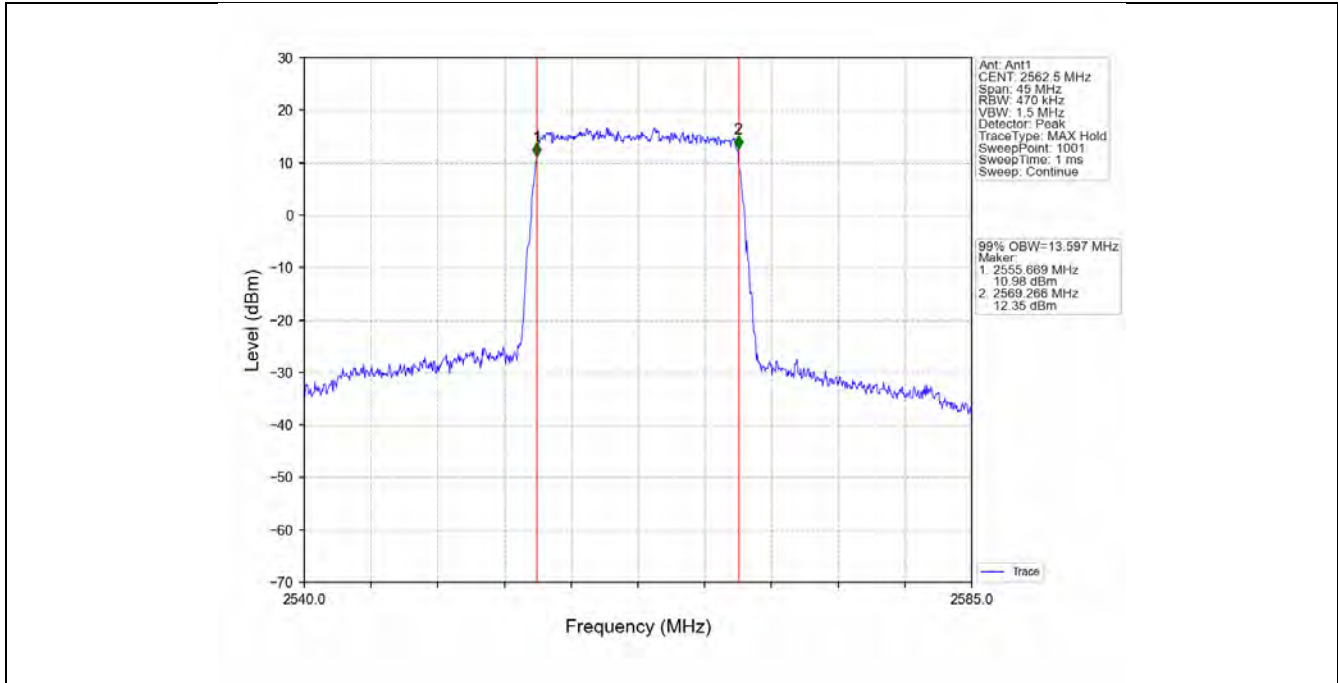


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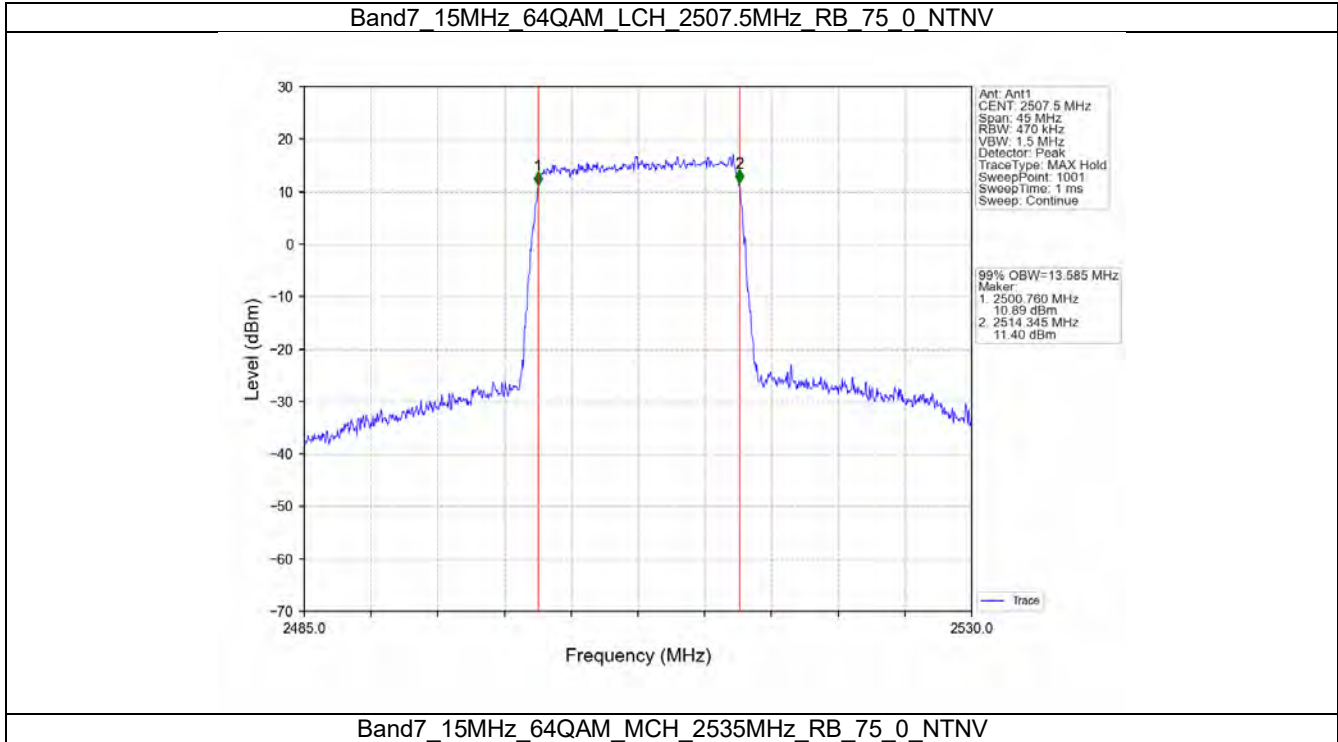


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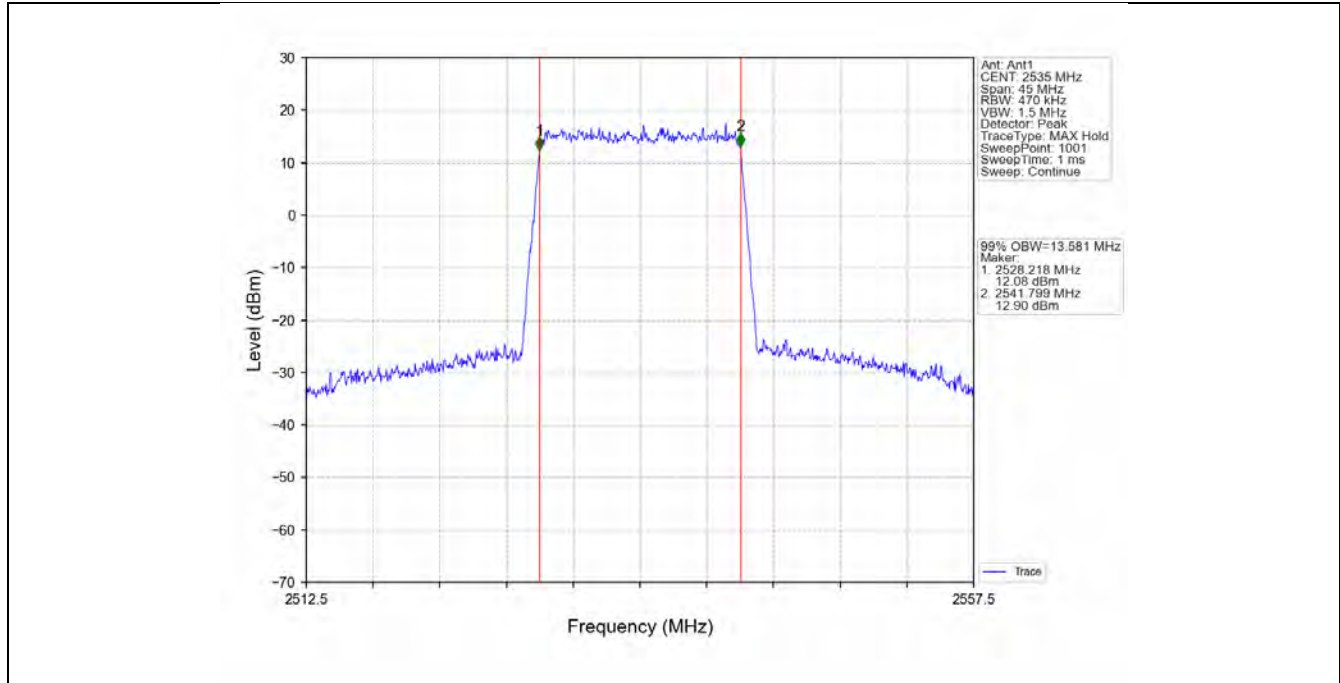


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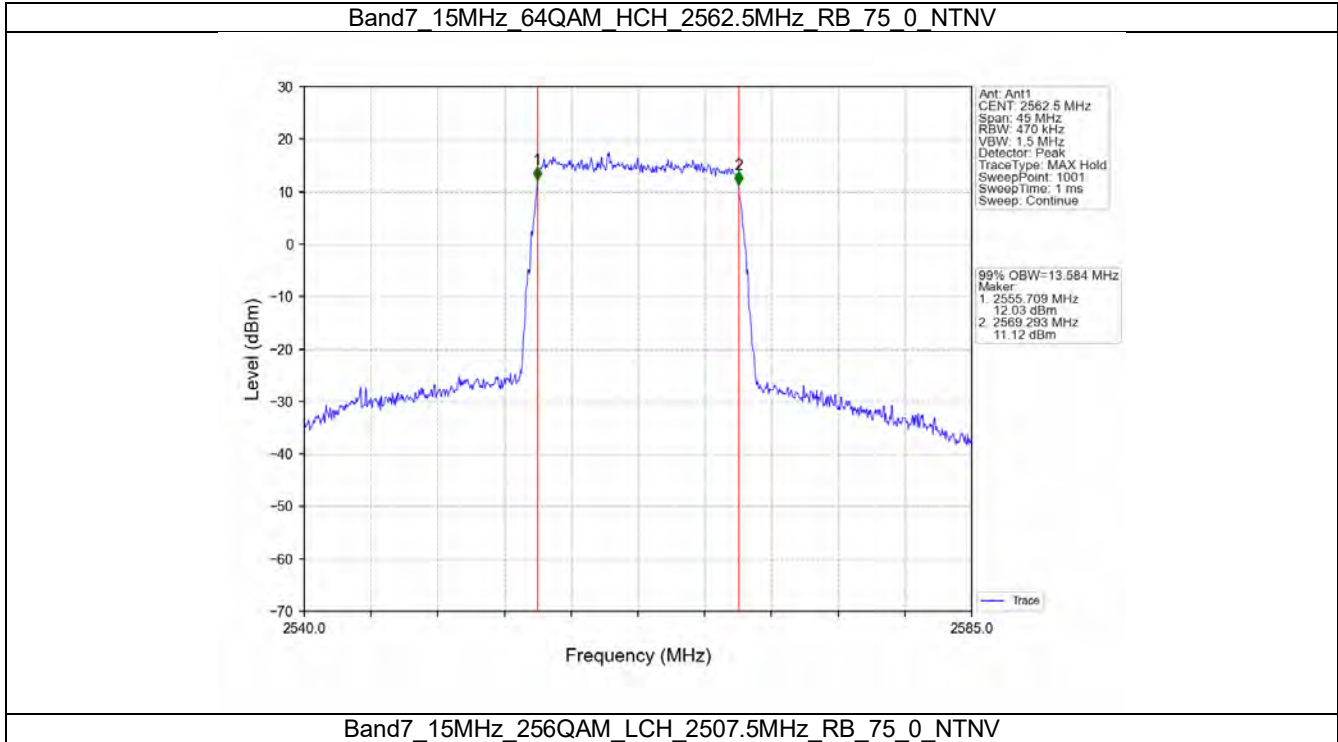


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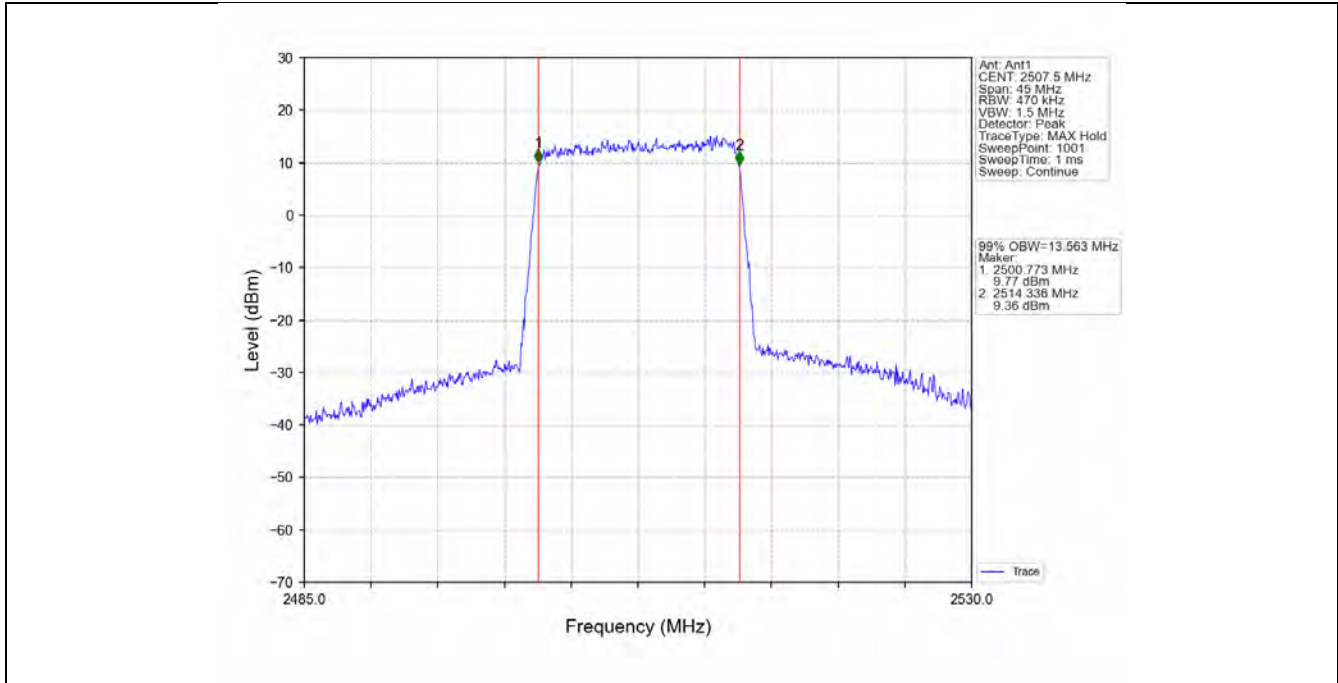


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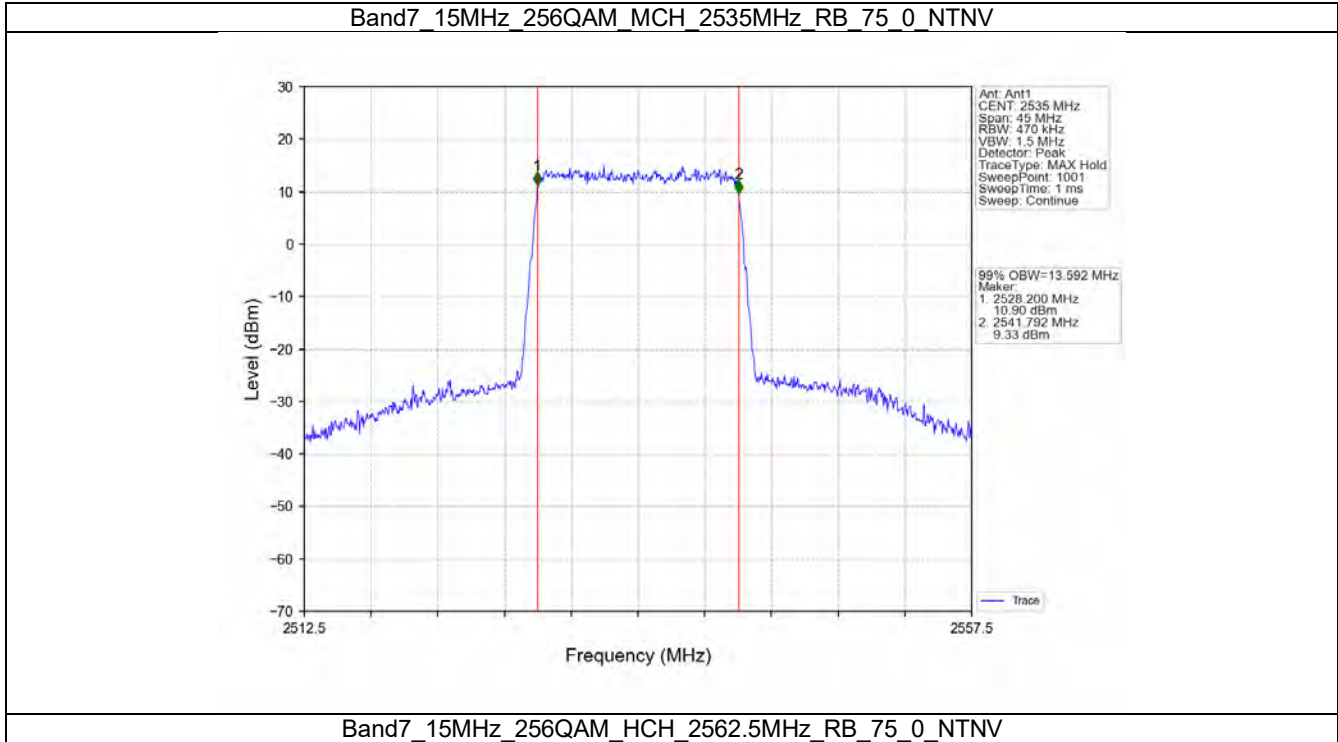


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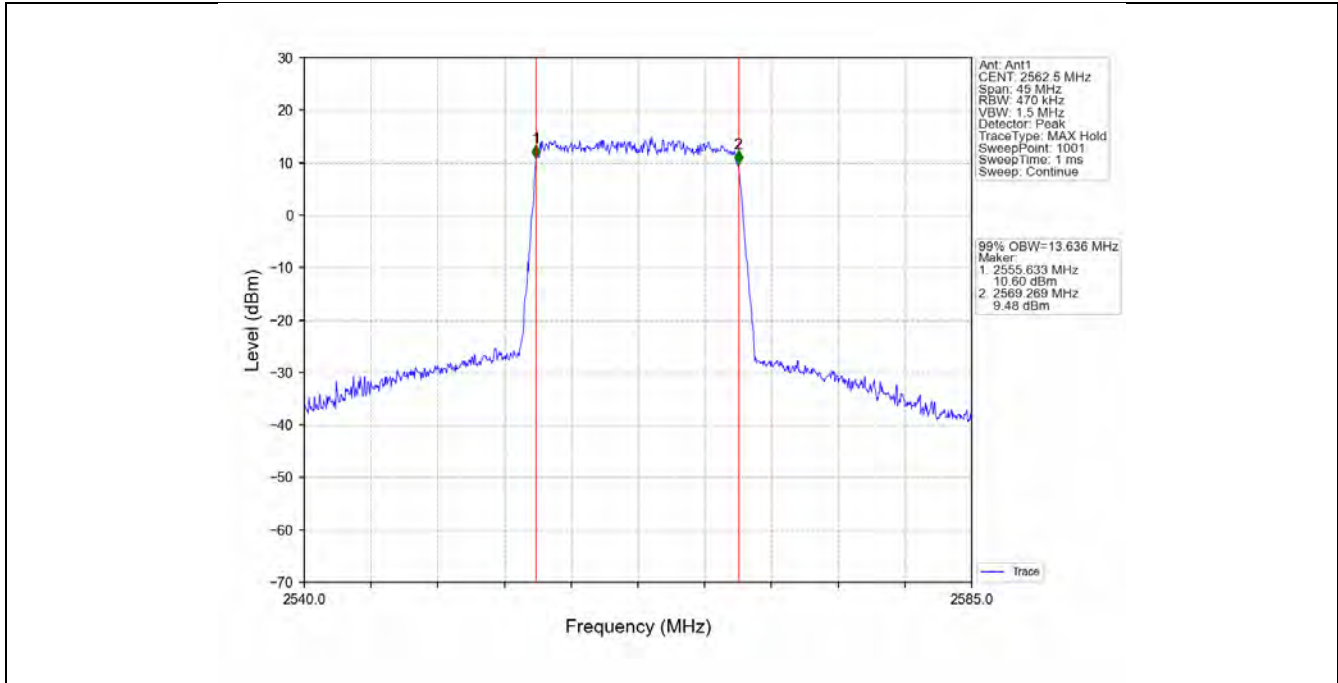


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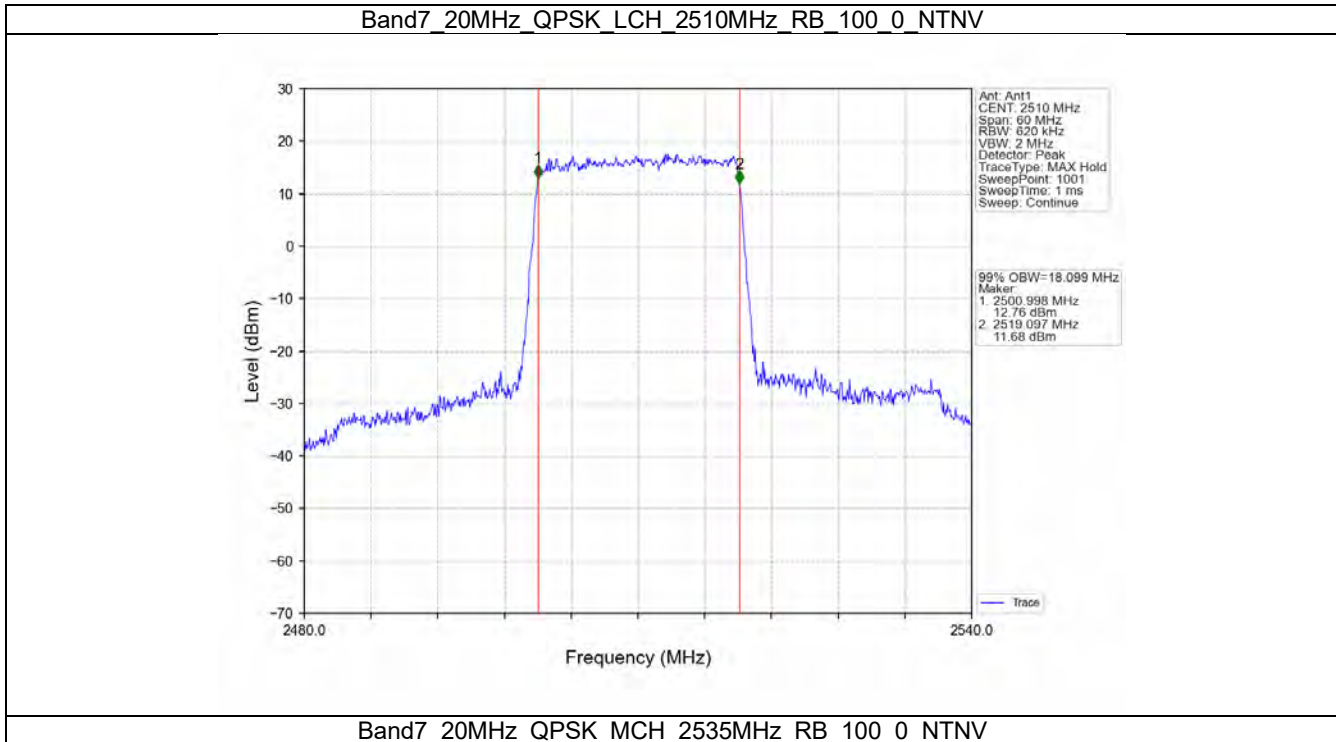


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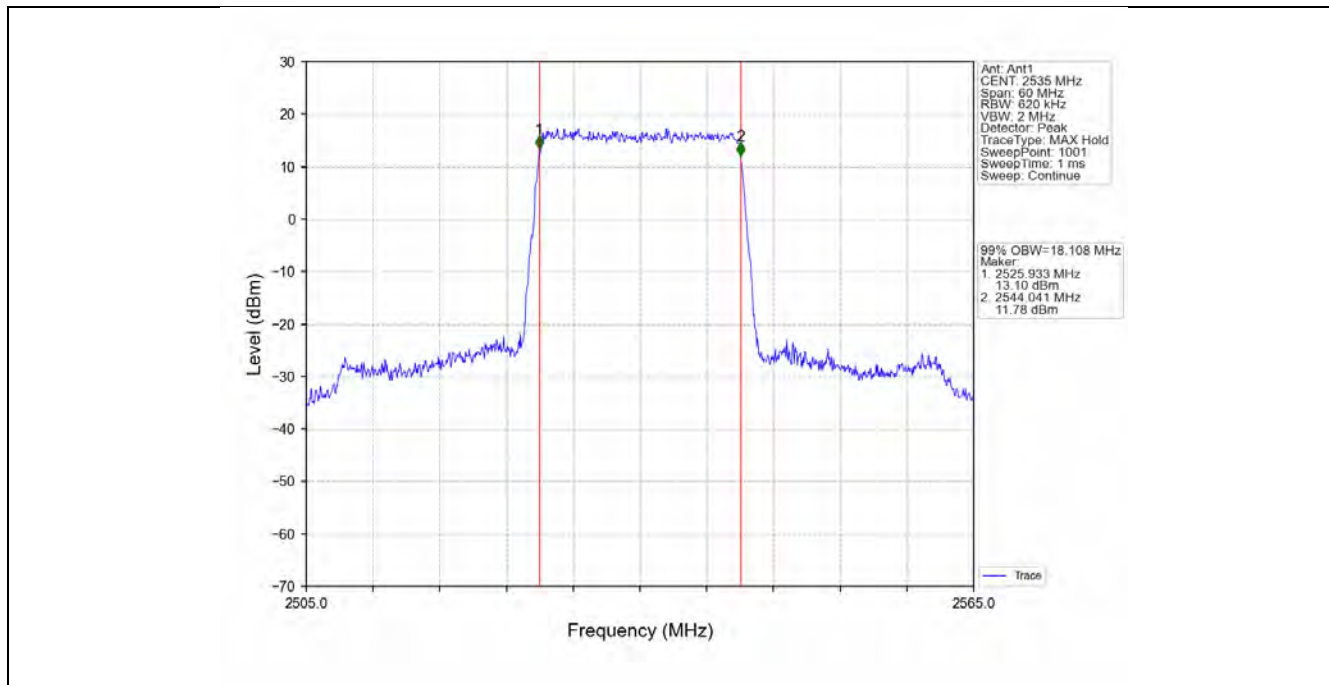
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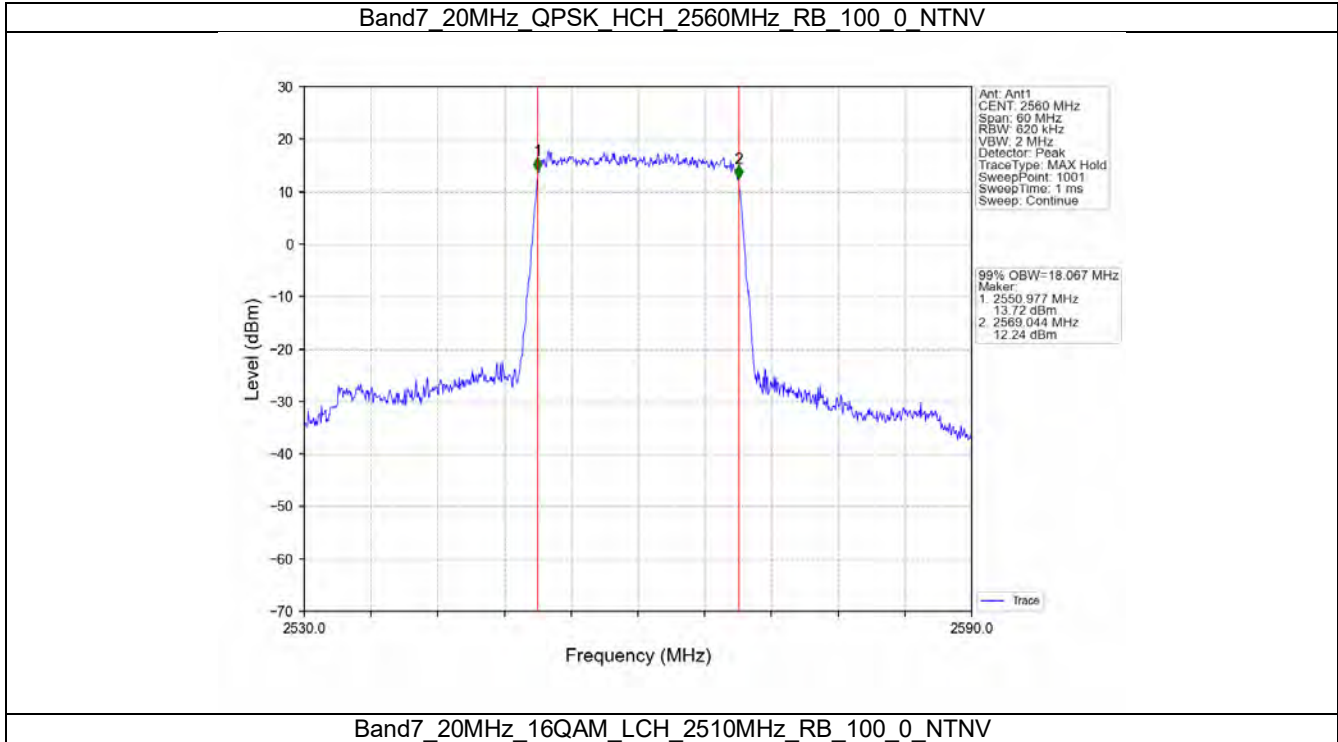


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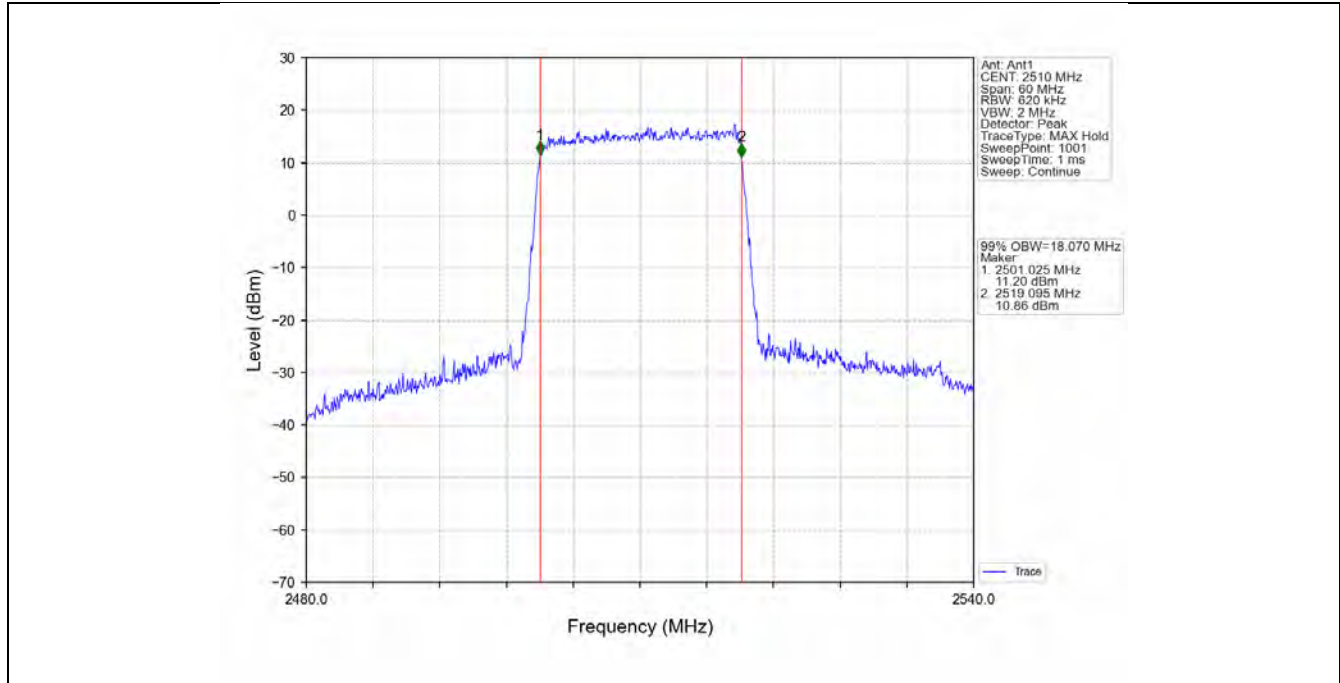


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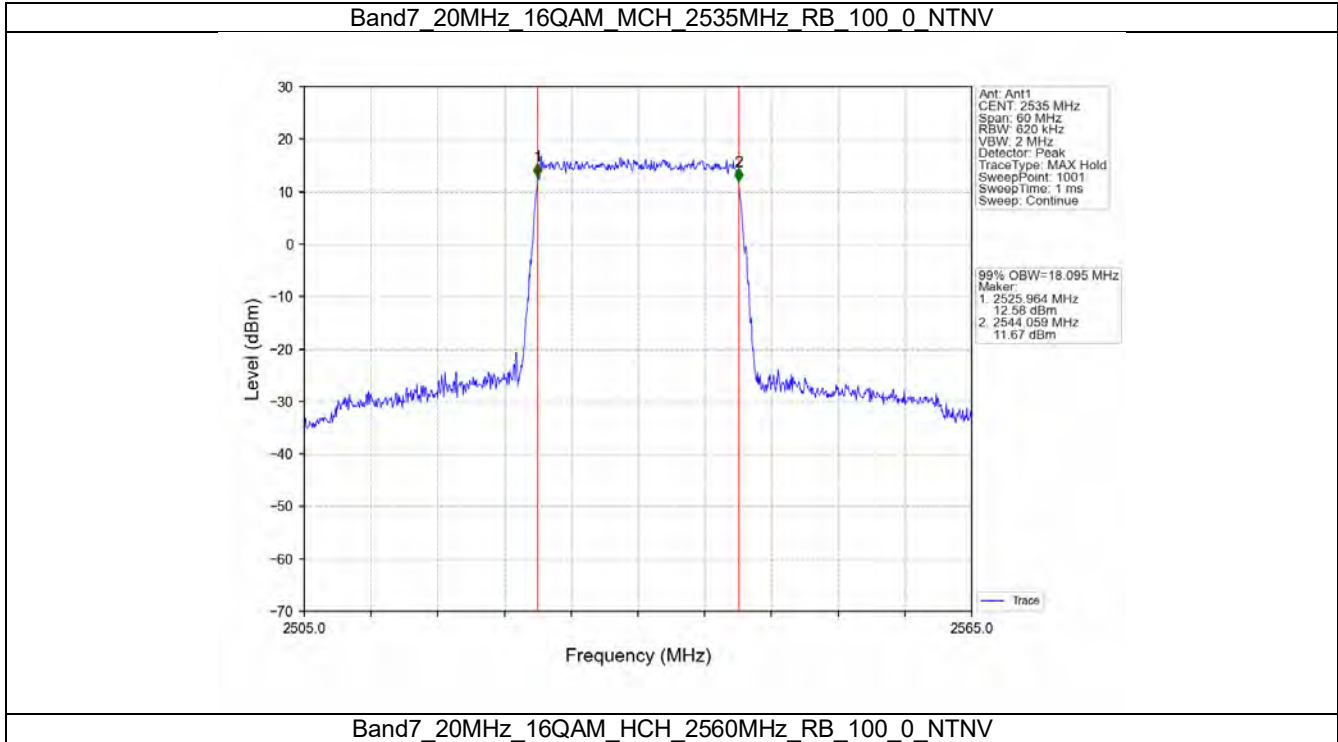


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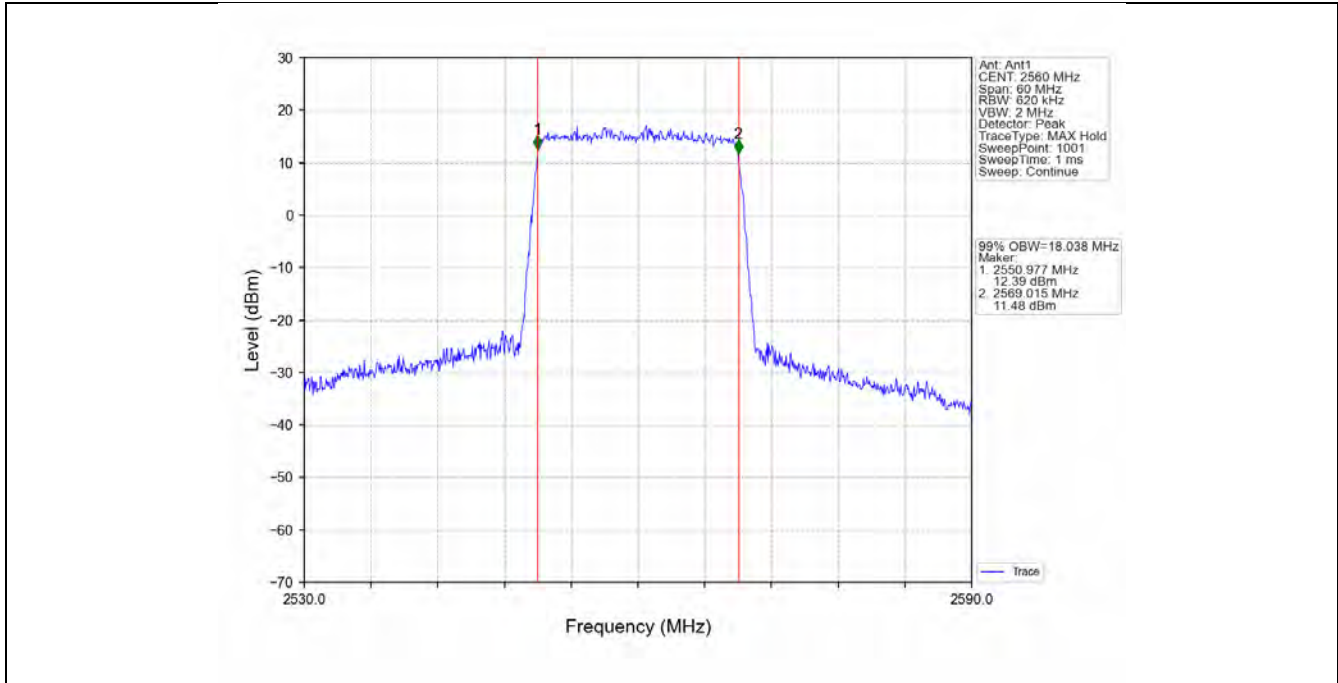


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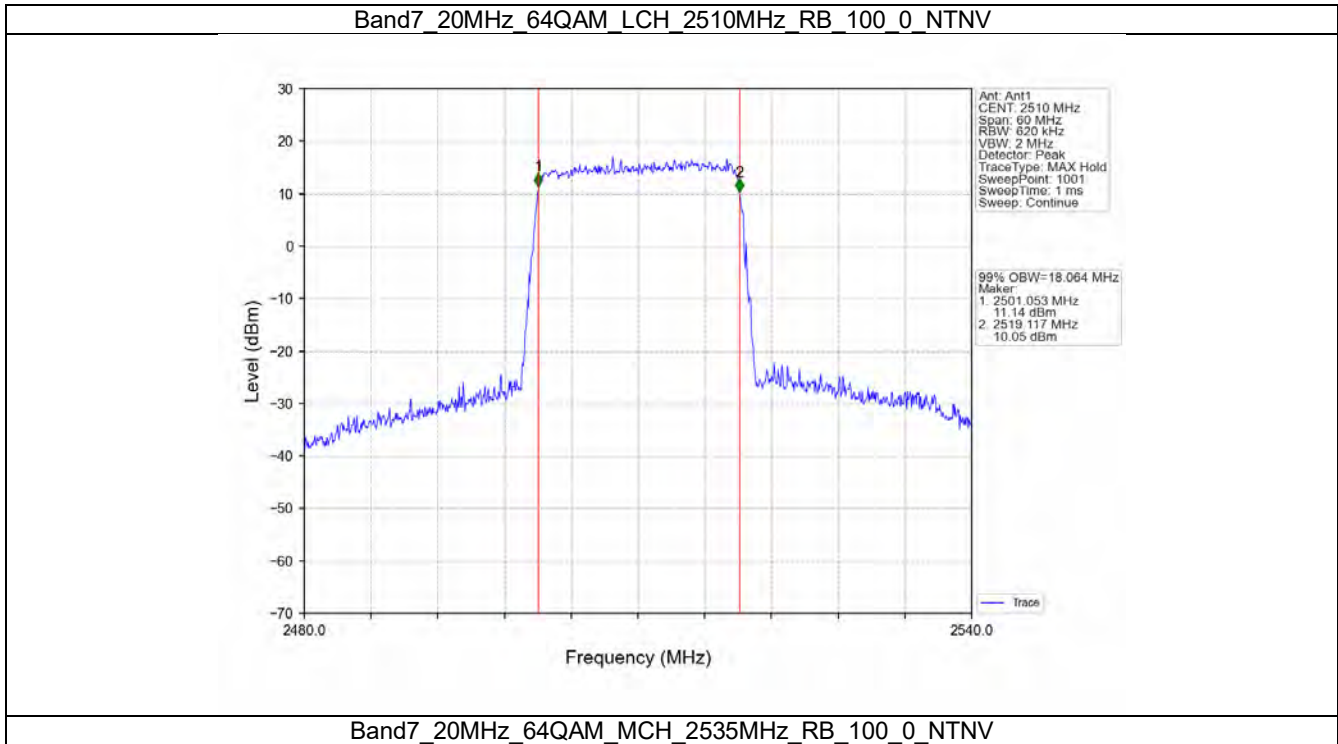


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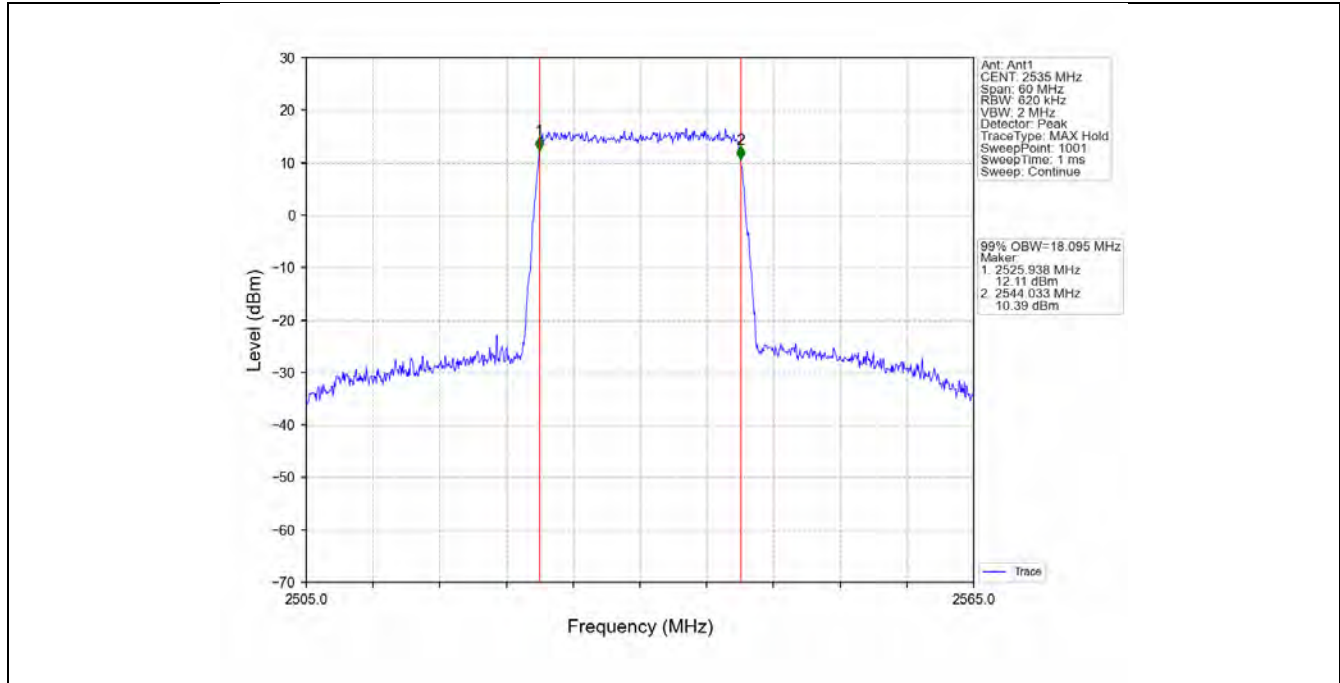


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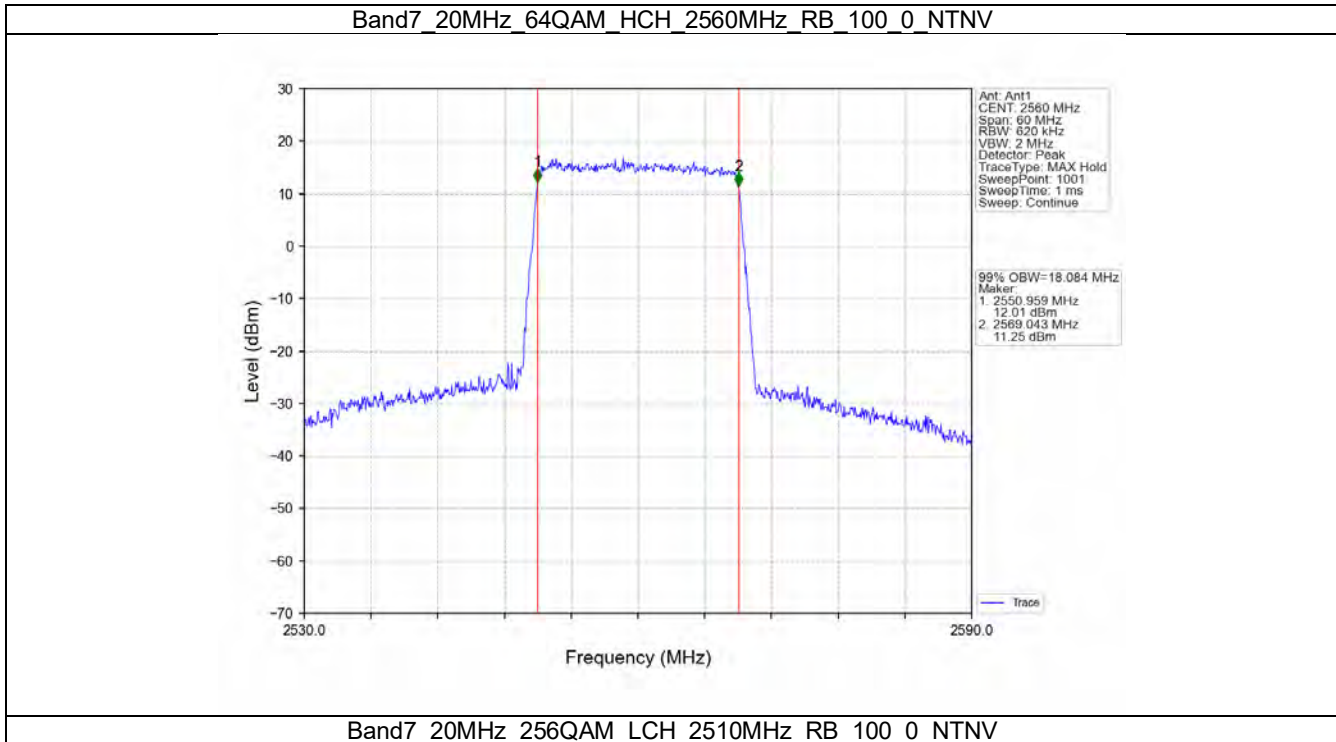


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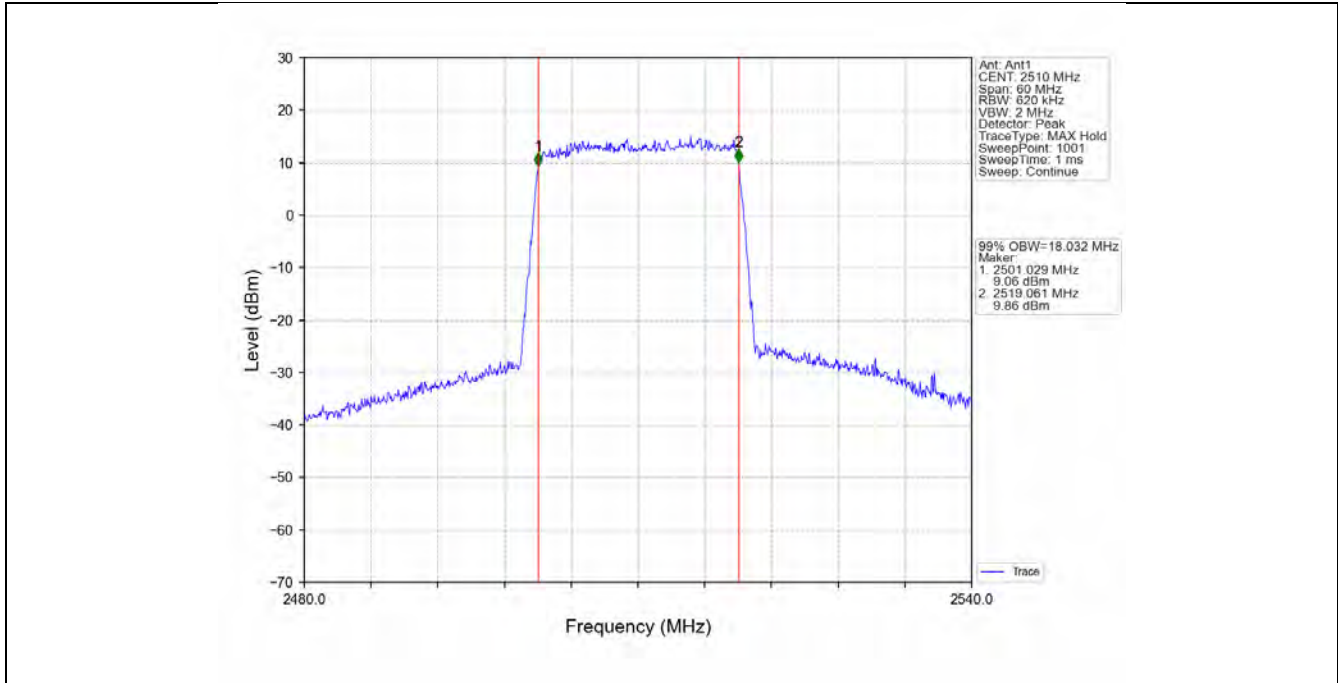


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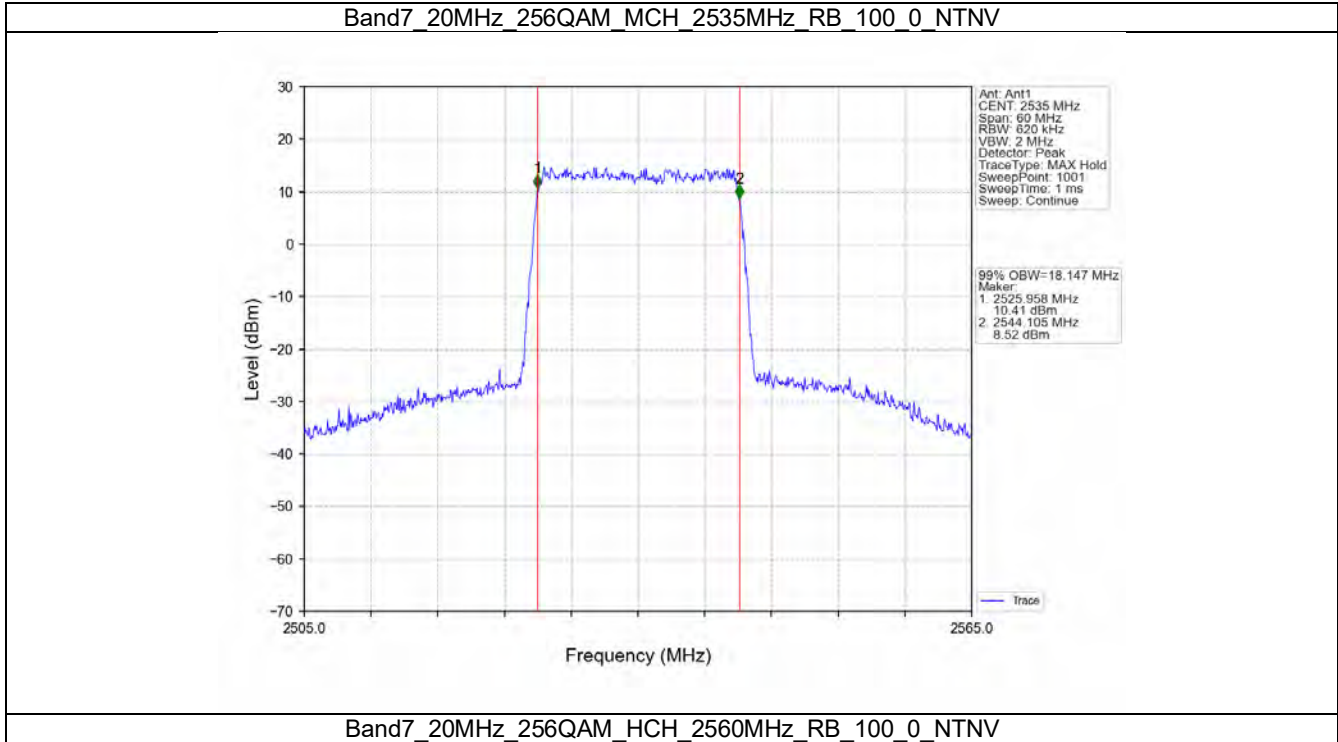


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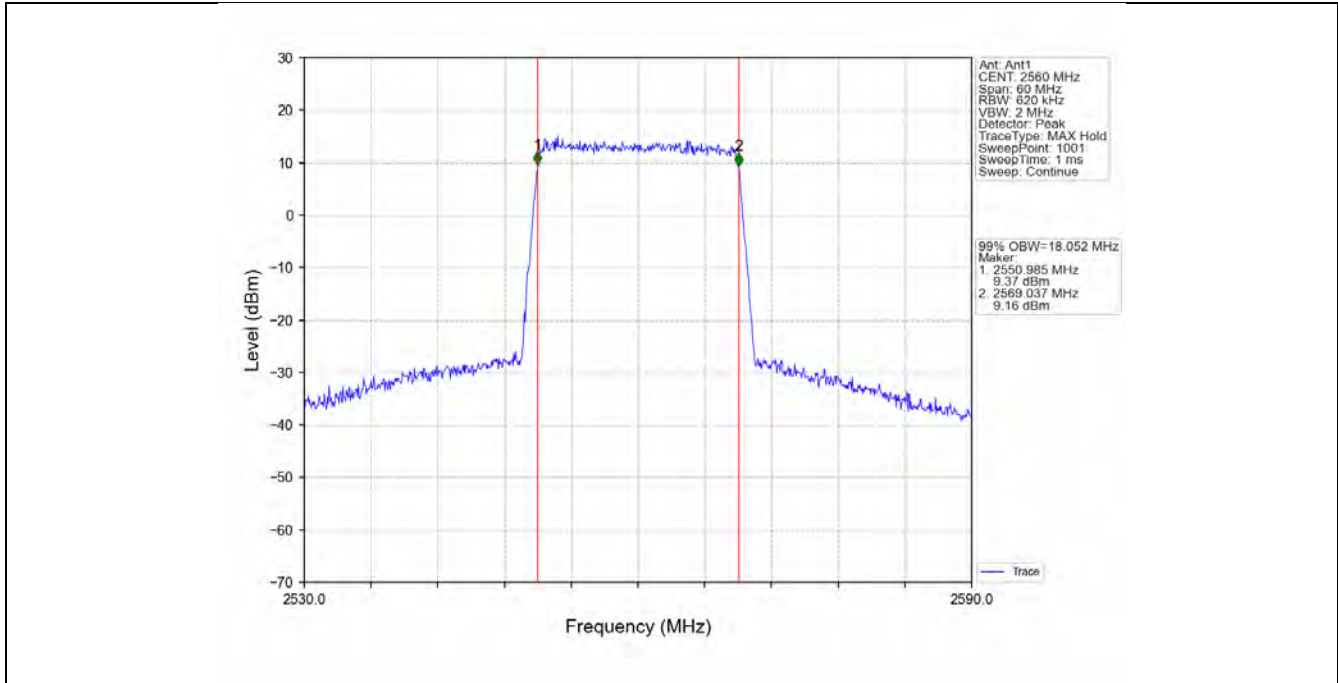


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3.2 Band7_XDB

3.2.1 Test Result

Band: 7 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.038	/	Pass
		2535	25	0	5.095	/	Pass
		2567.5	25	0	5.053	/	Pass
	16QAM	2502.5	25	0	5.051	/	Pass
		2535	25	0	5.075	/	Pass
		2567.5	25	0	5.018	/	Pass
	64QAM	2502.5	25	0	5.037	/	Pass
		2535	25	0	5.036	/	Pass
		2567.5	25	0	5.039	/	Pass
	256QAM	2502.5	25	0	5.076	/	Pass
		2535	25	0	5.032	/	Pass
		2567.5	25	0	5.063	/	Pass
10	QPSK	2505	50	0	9.960	/	Pass
		2535	50	0	9.926	/	Pass
		2565	50	0	10.005	/	Pass
	16QAM	2505	50	0	9.922	/	Pass
		2535	50	0	9.998	/	Pass
		2565	50	0	9.939	/	Pass
	64QAM	2505	50	0	9.925	/	Pass
		2535	50	0	9.980	/	Pass
		2565	50	0	9.958	/	Pass
	256QAM	2505	50	0	9.998	/	Pass
		2535	50	0	9.956	/	Pass
		2565	50	0	9.998	/	Pass
15	QPSK	2507.5	75	0	15.040	/	Pass
		2535	75	0	15.011	/	Pass
		2562.5	75	0	14.899	/	Pass
	16QAM	2507.5	75	0	14.920	/	Pass
		2535	75	0	14.891	/	Pass
		2562.5	75	0	15.009	/	Pass
	64QAM	2507.5	75	0	14.888	/	Pass
		2535	75	0	14.911	/	Pass
		2562.5	75	0	14.991	/	Pass
	256QAM	2507.5	75	0	14.924	/	Pass
		2535	75	0	14.854	/	Pass
		2562.5	75	0	14.875	/	Pass
20	QPSK	2510	100	0	19.743	/	Pass
		2535	100	0	19.967	/	Pass



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	16QAM	2560	100	0	19.747	/	Pass
		2510	100	0	19.791	/	Pass
		2535	100	0	19.824	/	Pass
		2560	100	0	19.723	/	Pass
	64QAM	2510	100	0	19.724	/	Pass
		2535	100	0	19.765	/	Pass
		2560	100	0	19.744	/	Pass
	256QAM	2510	100	0	19.741	/	Pass
		2535	100	0	19.861	/	Pass
		2560	100	0	19.751	/	Pass



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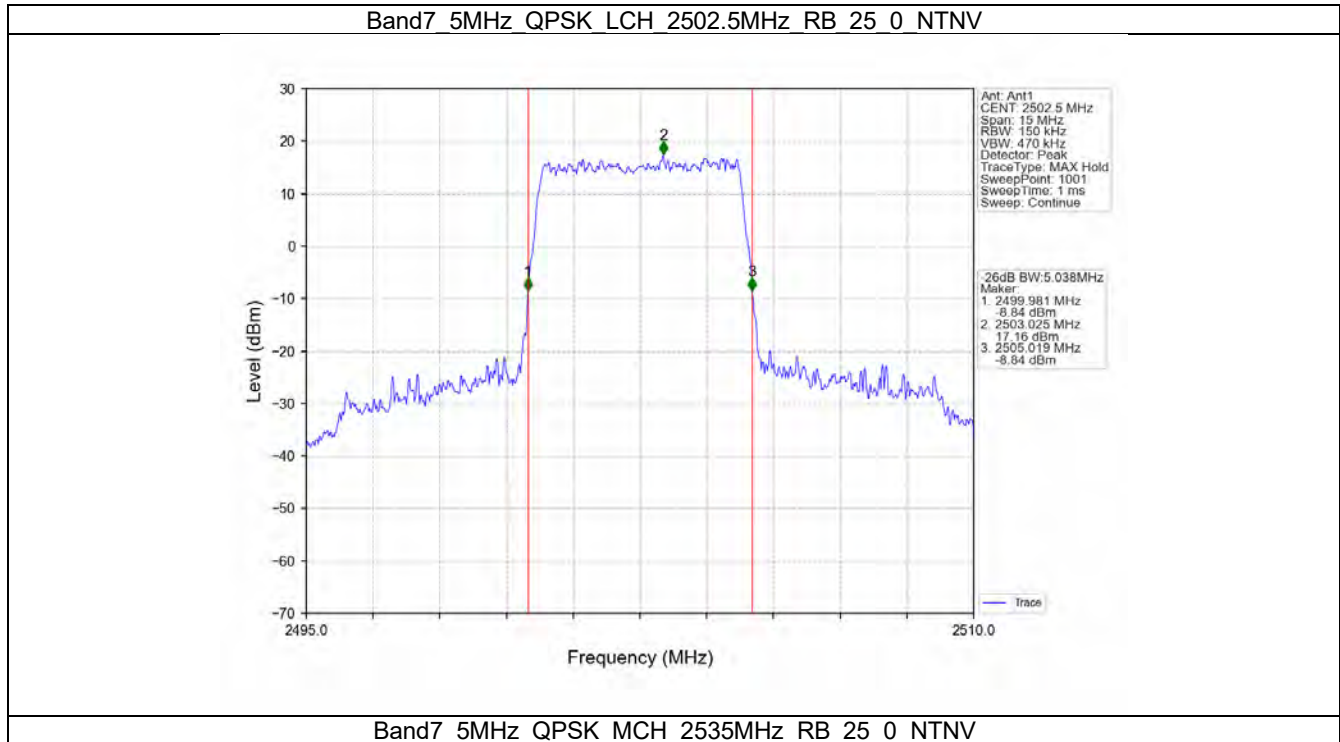
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3.2.2 Test Graph



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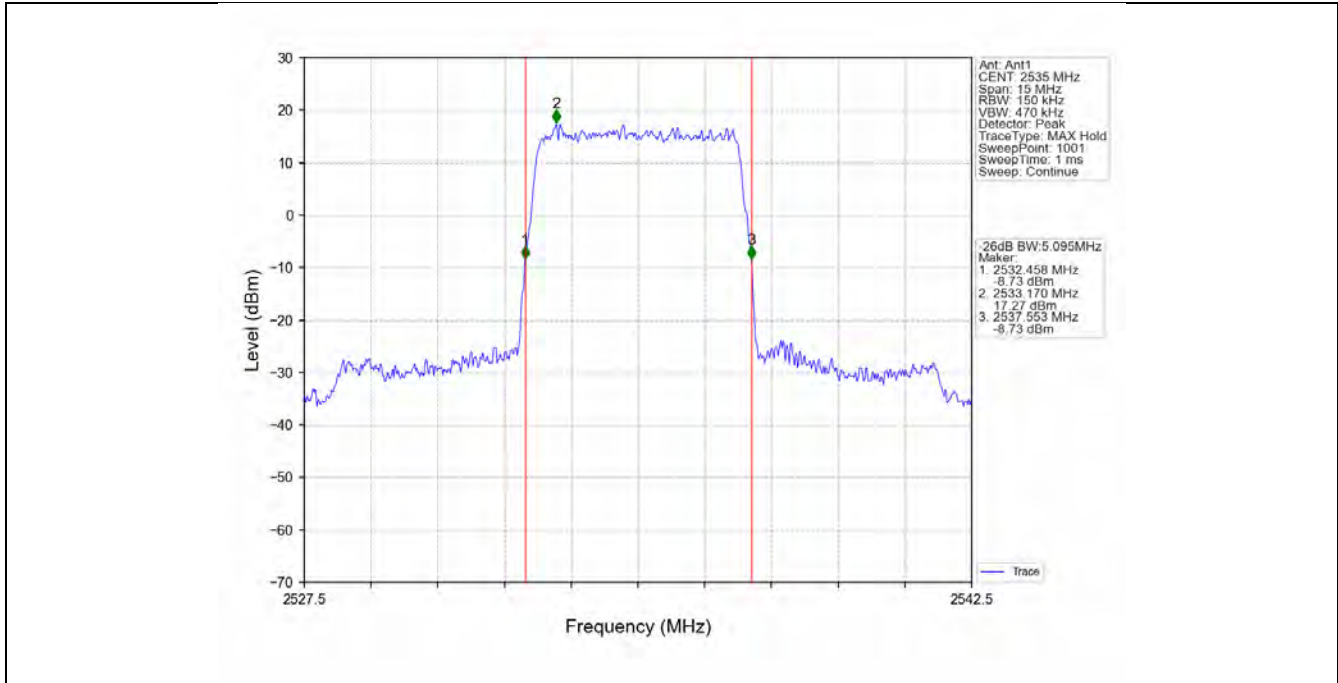


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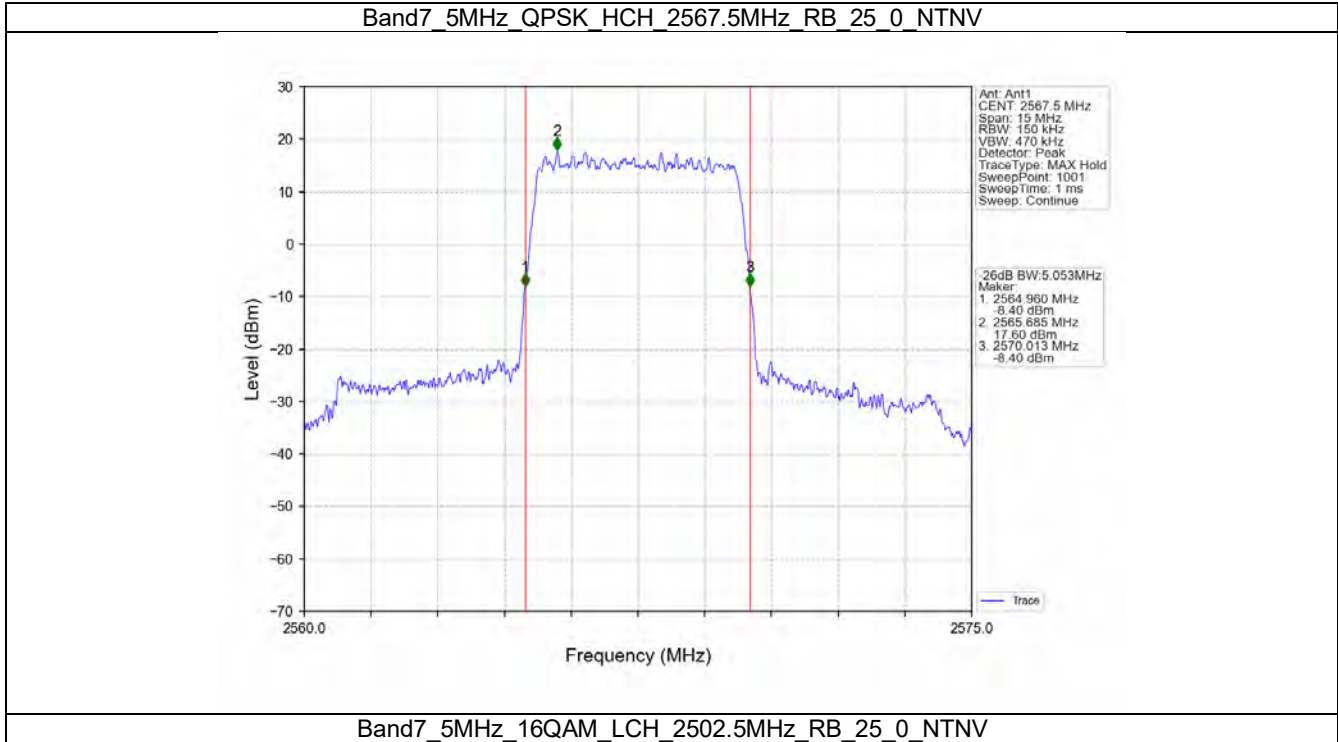


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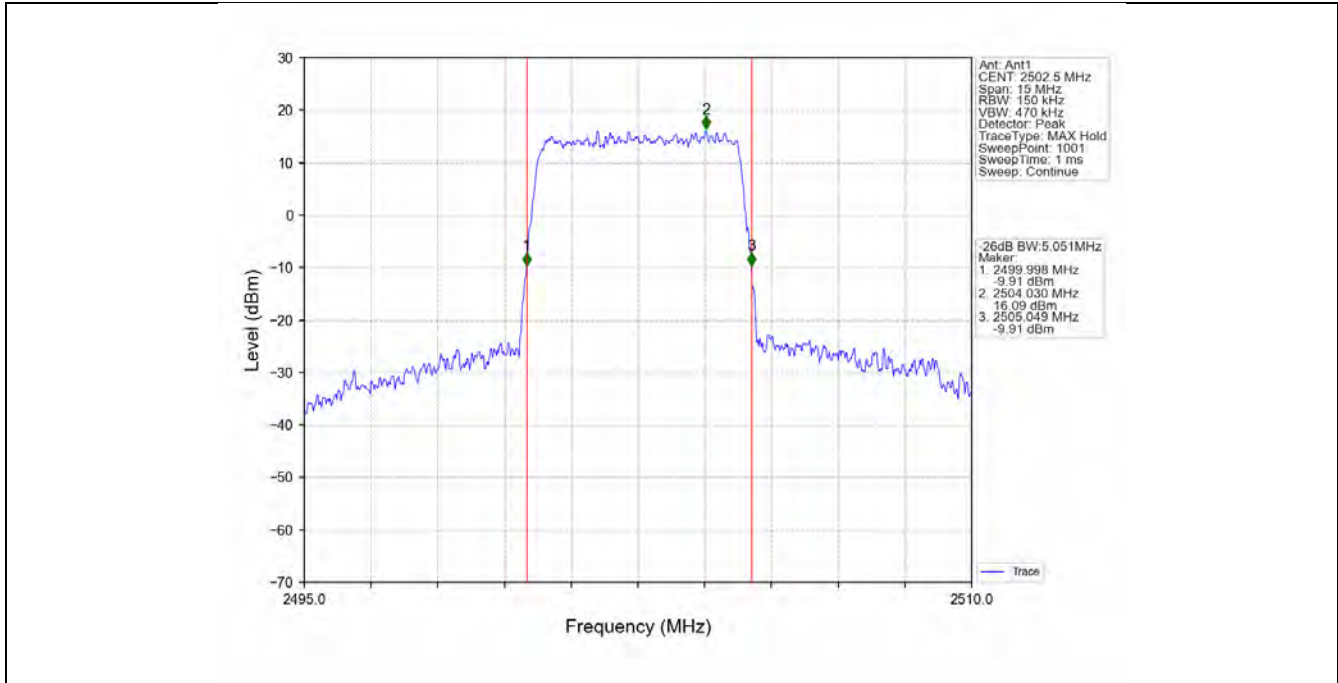


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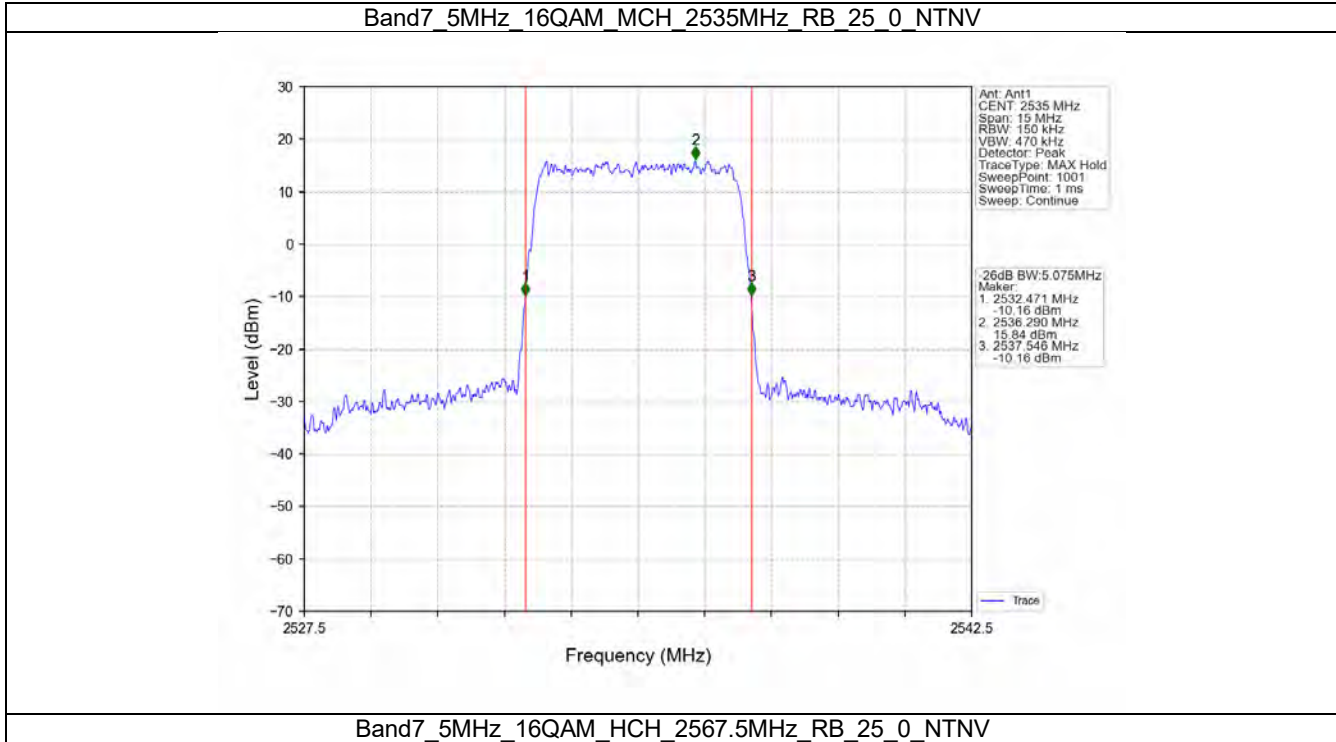


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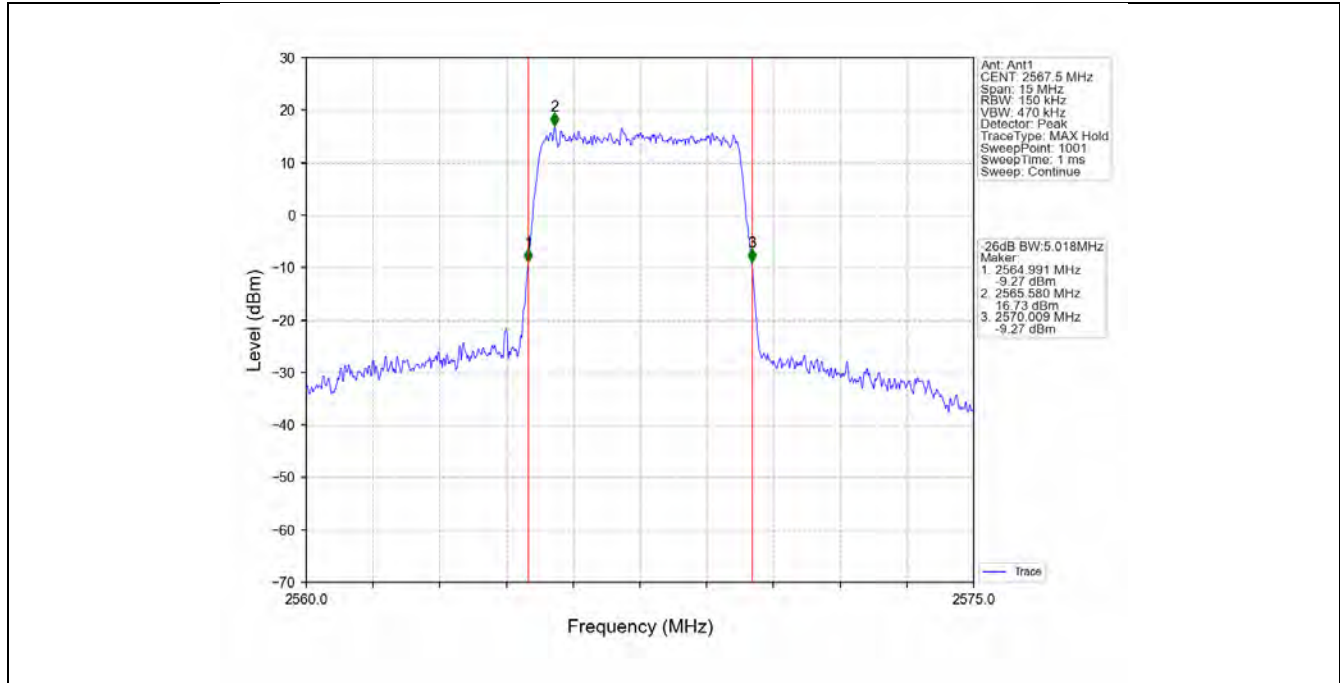


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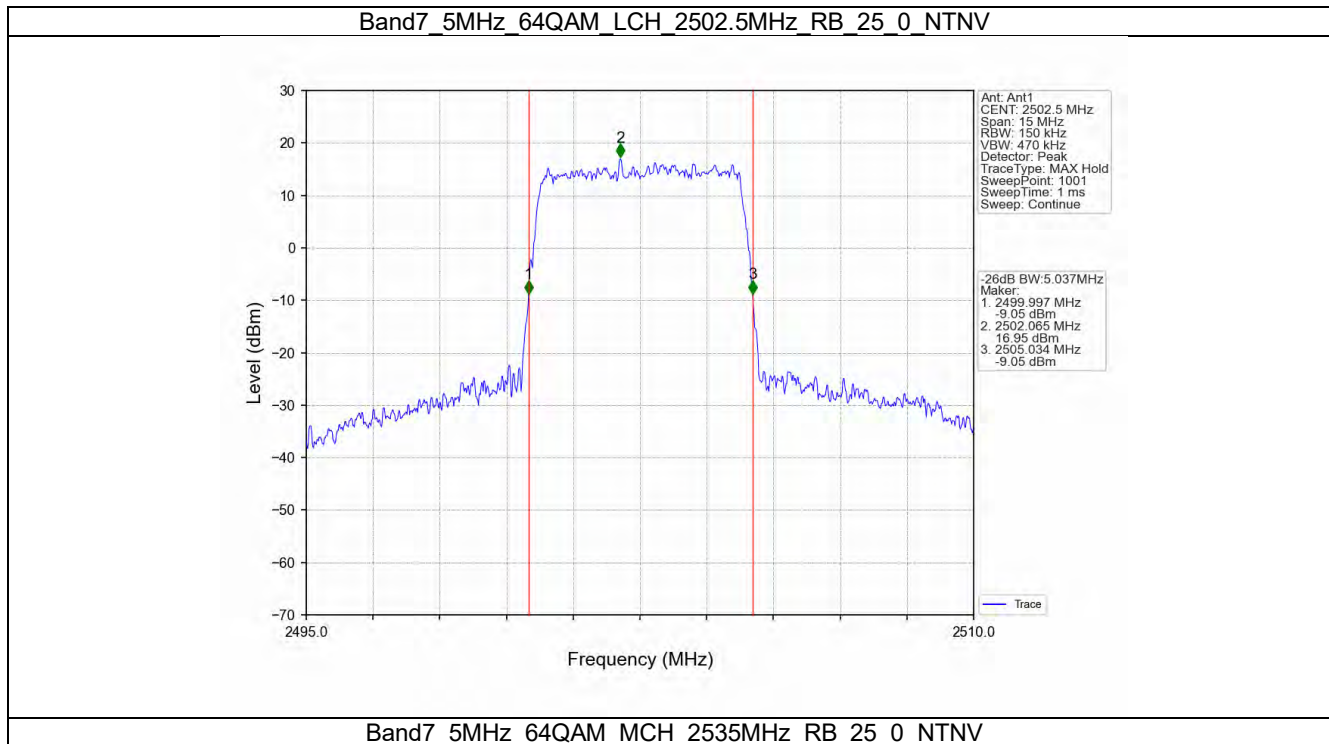
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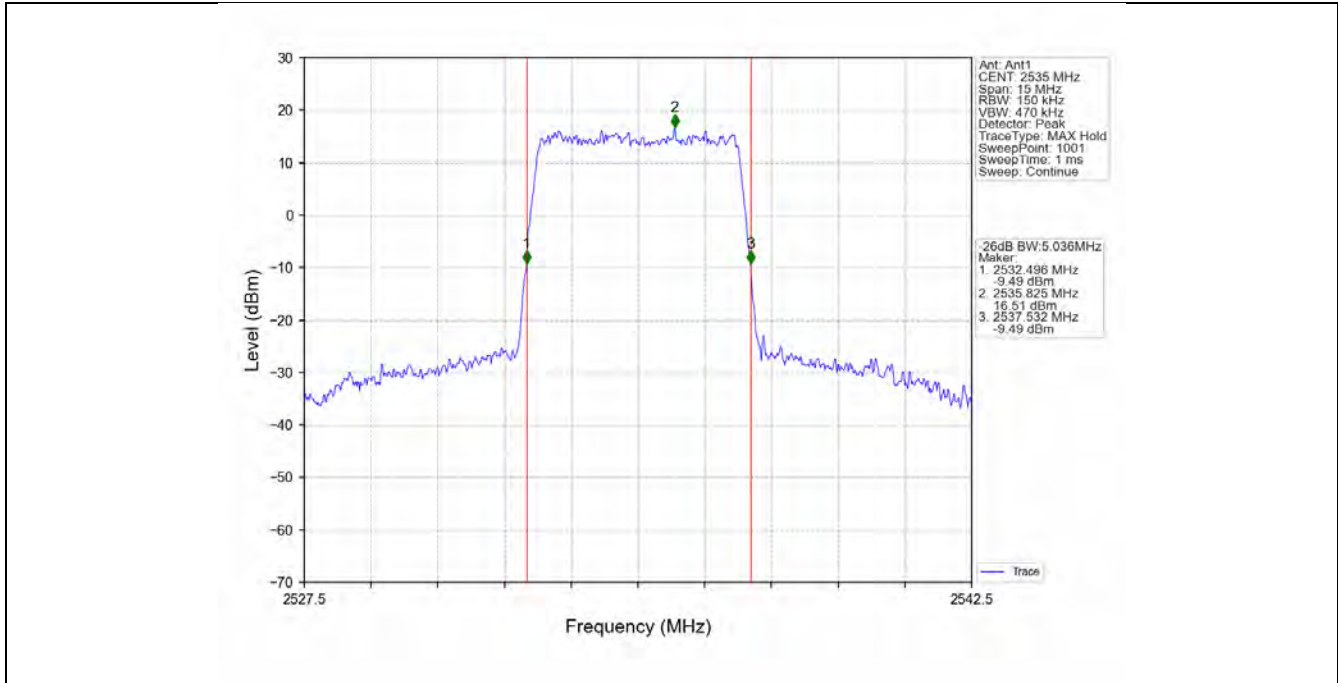


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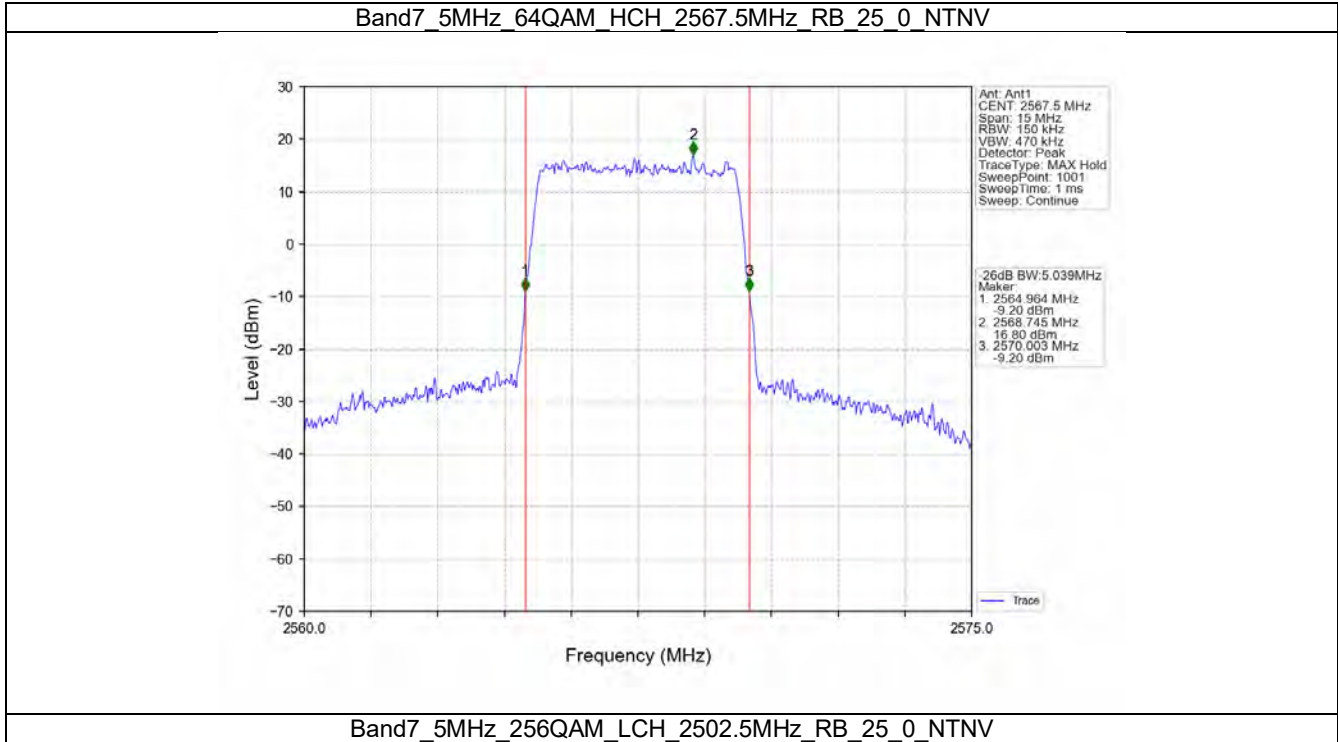


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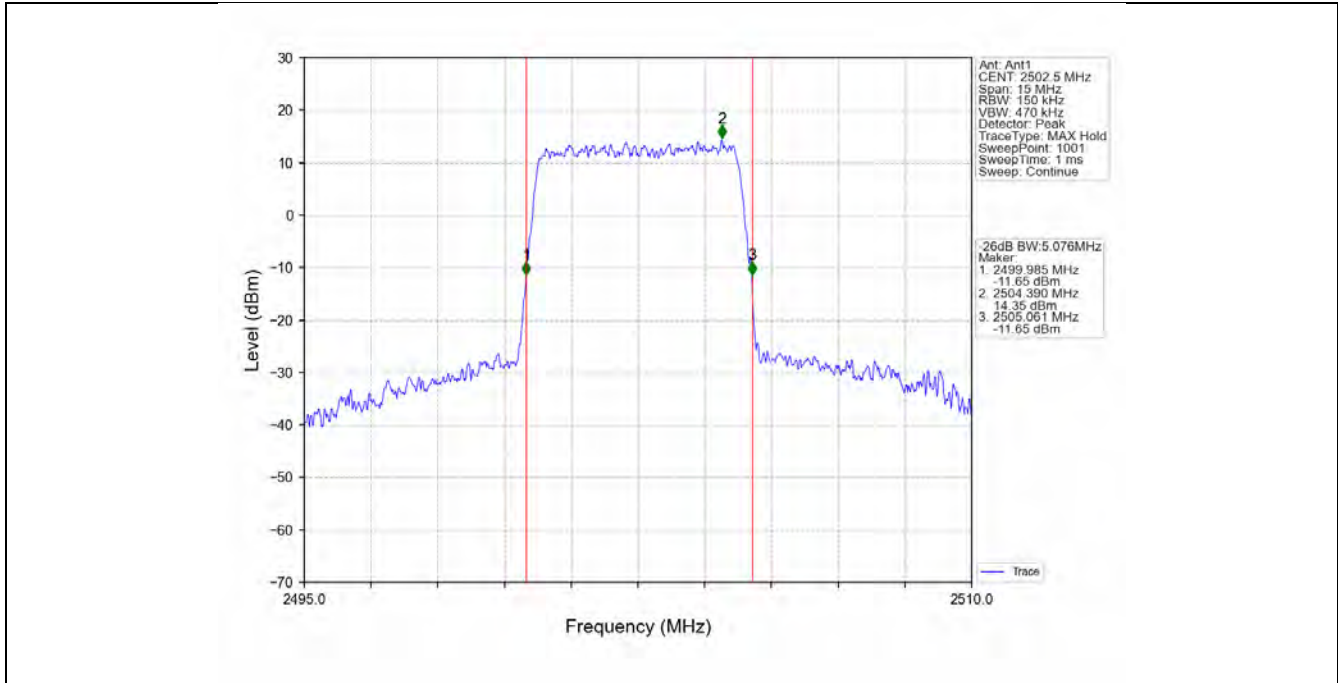


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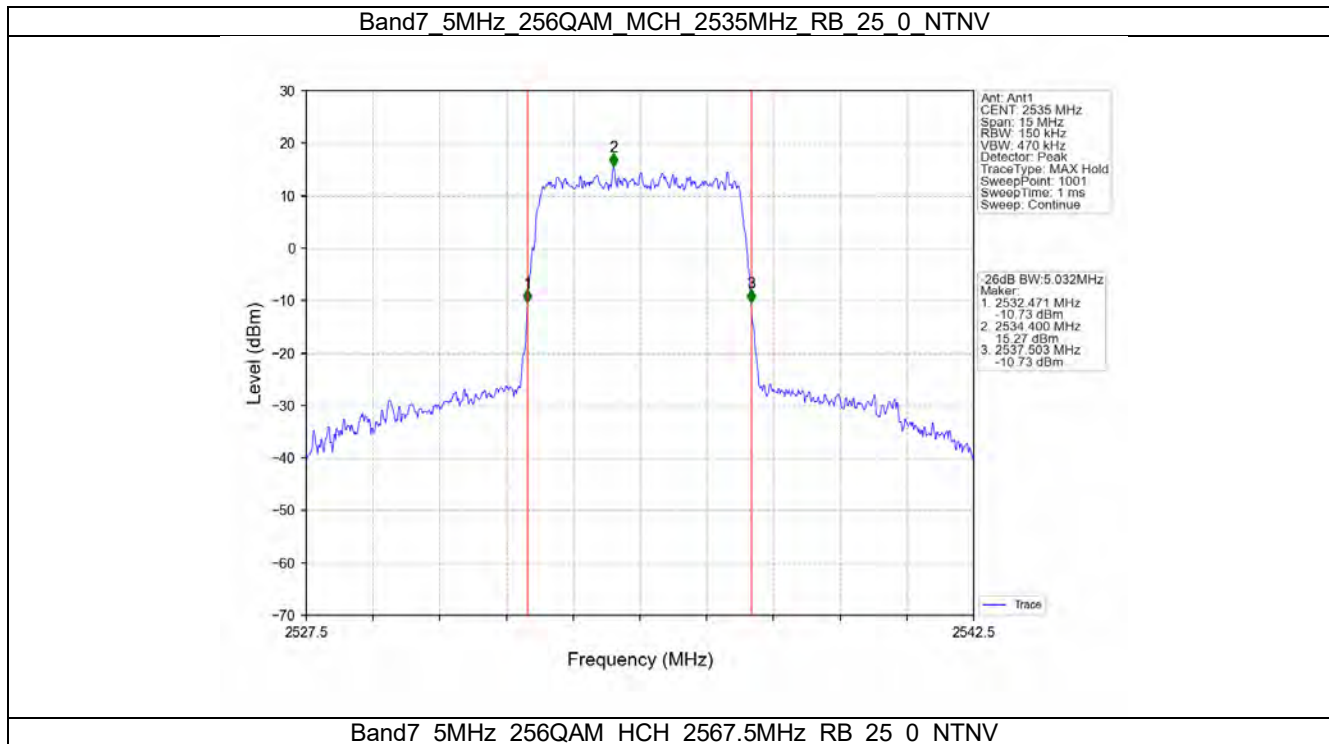
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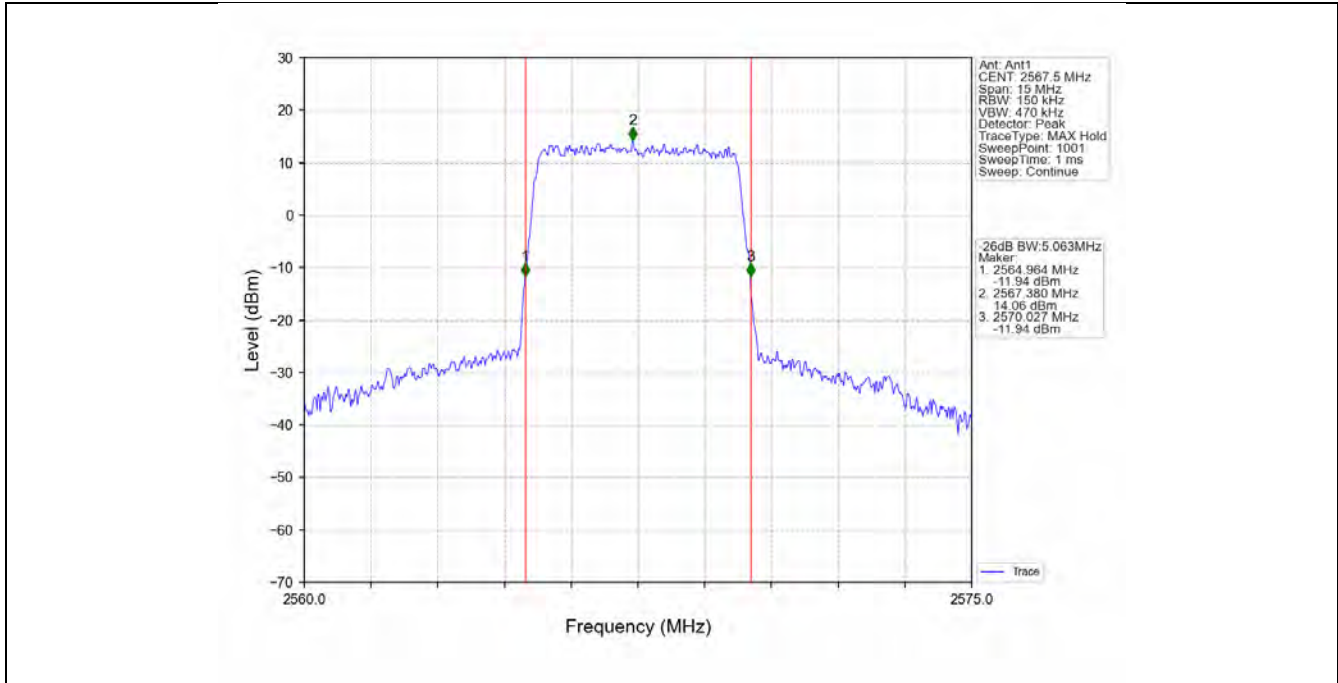


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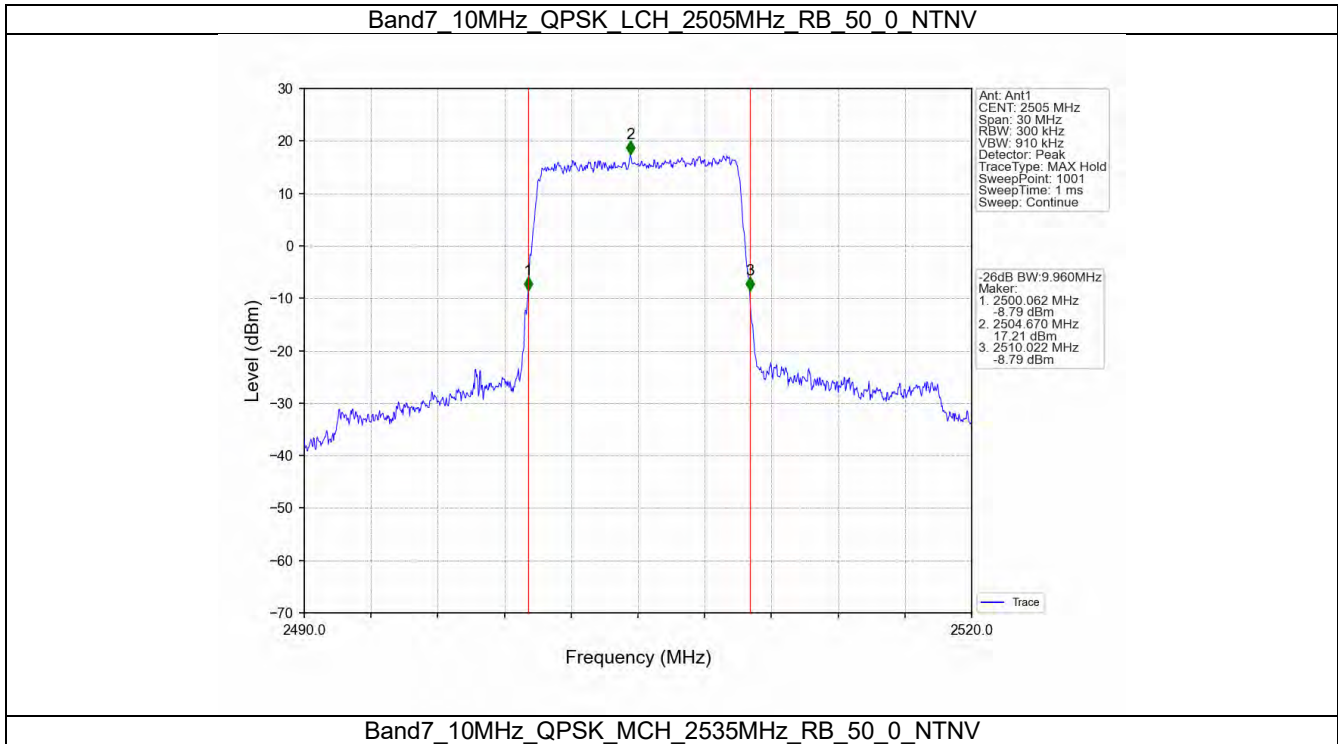


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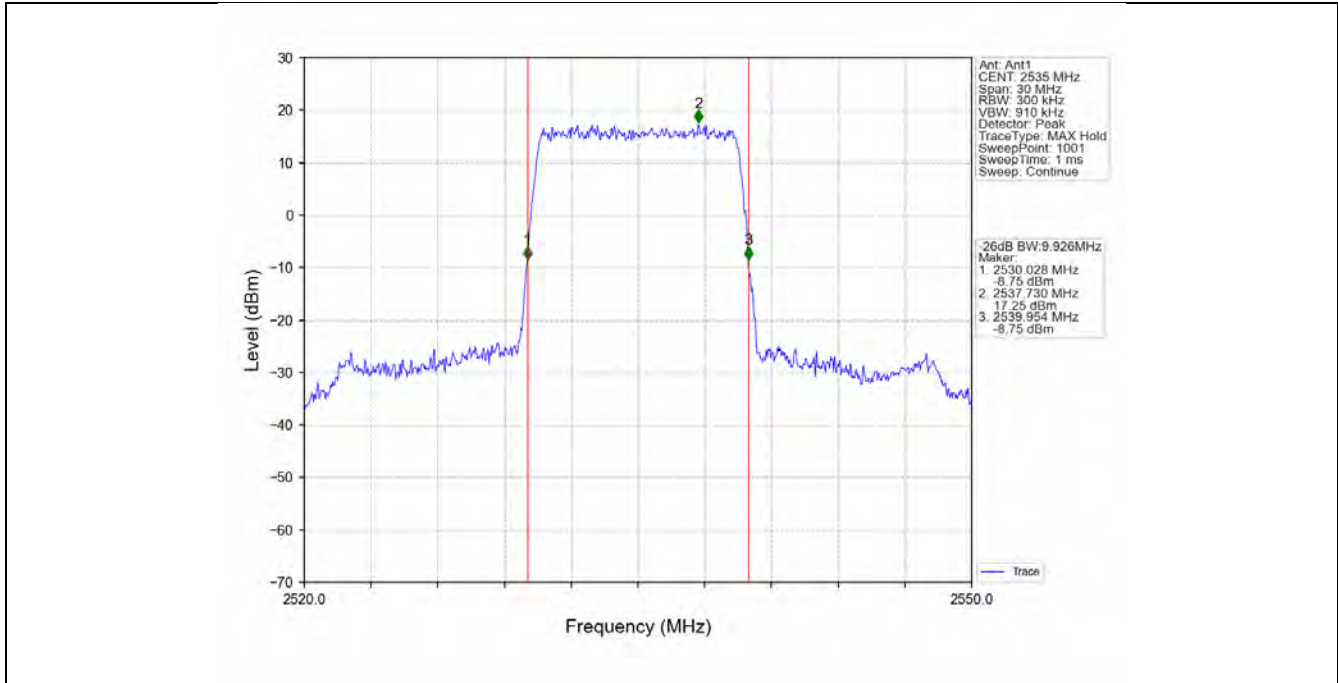


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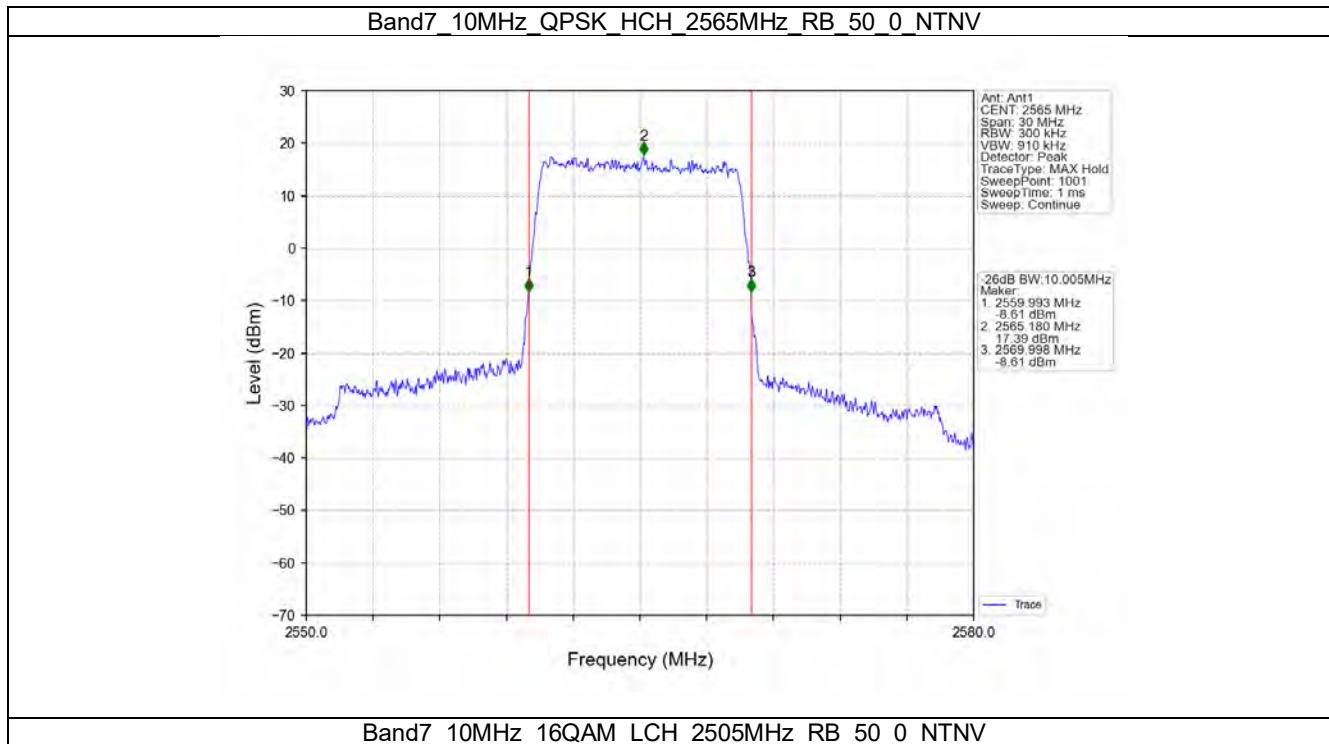
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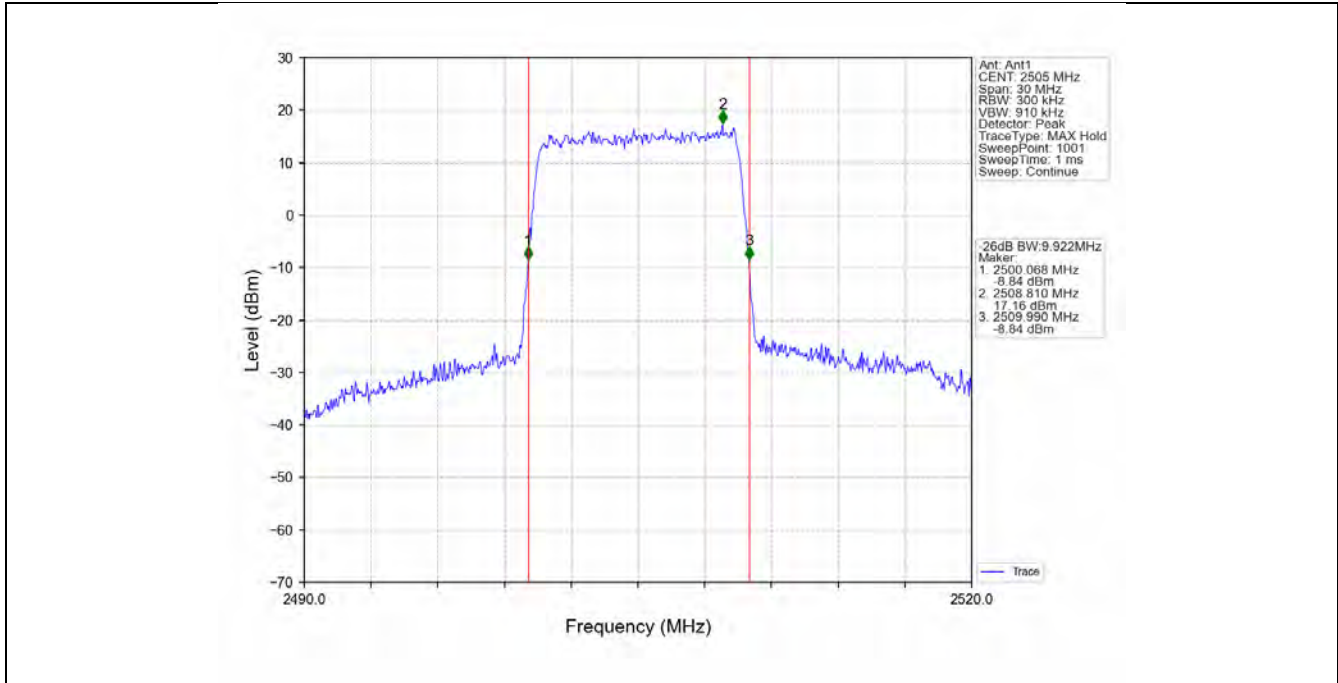


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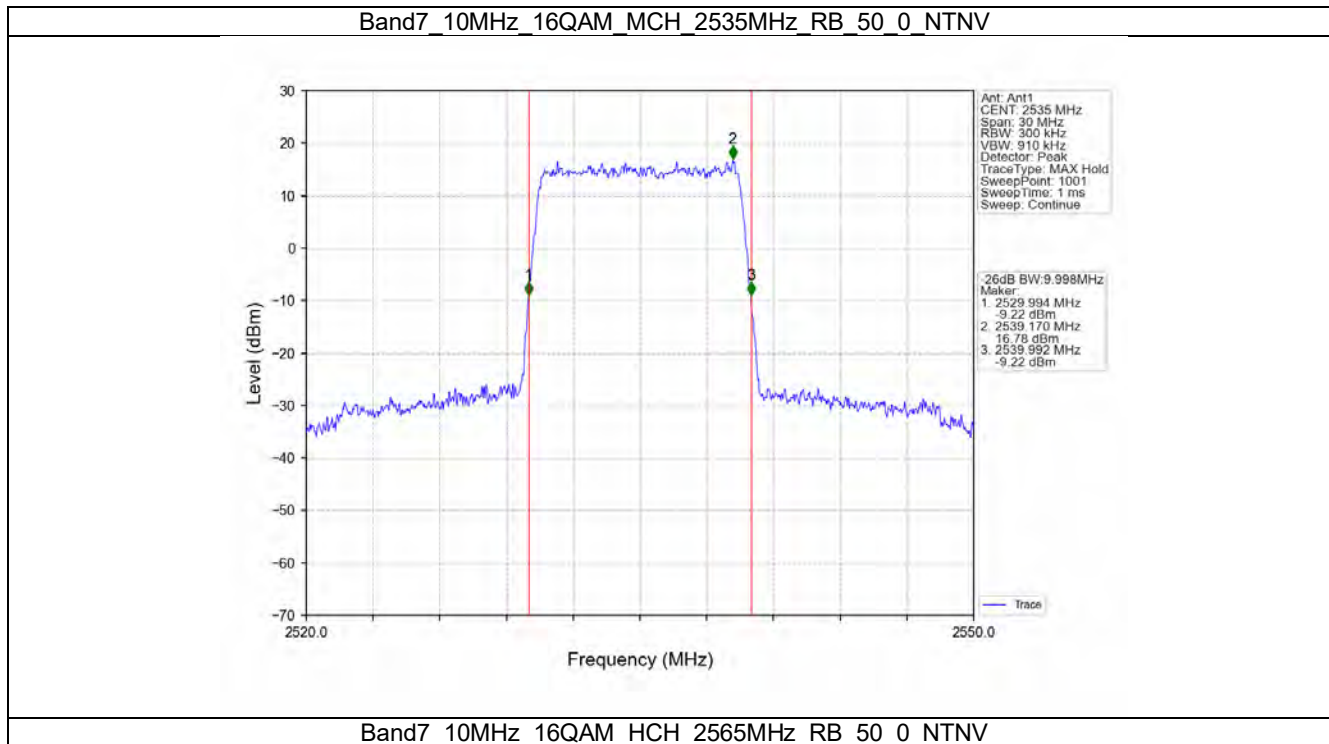
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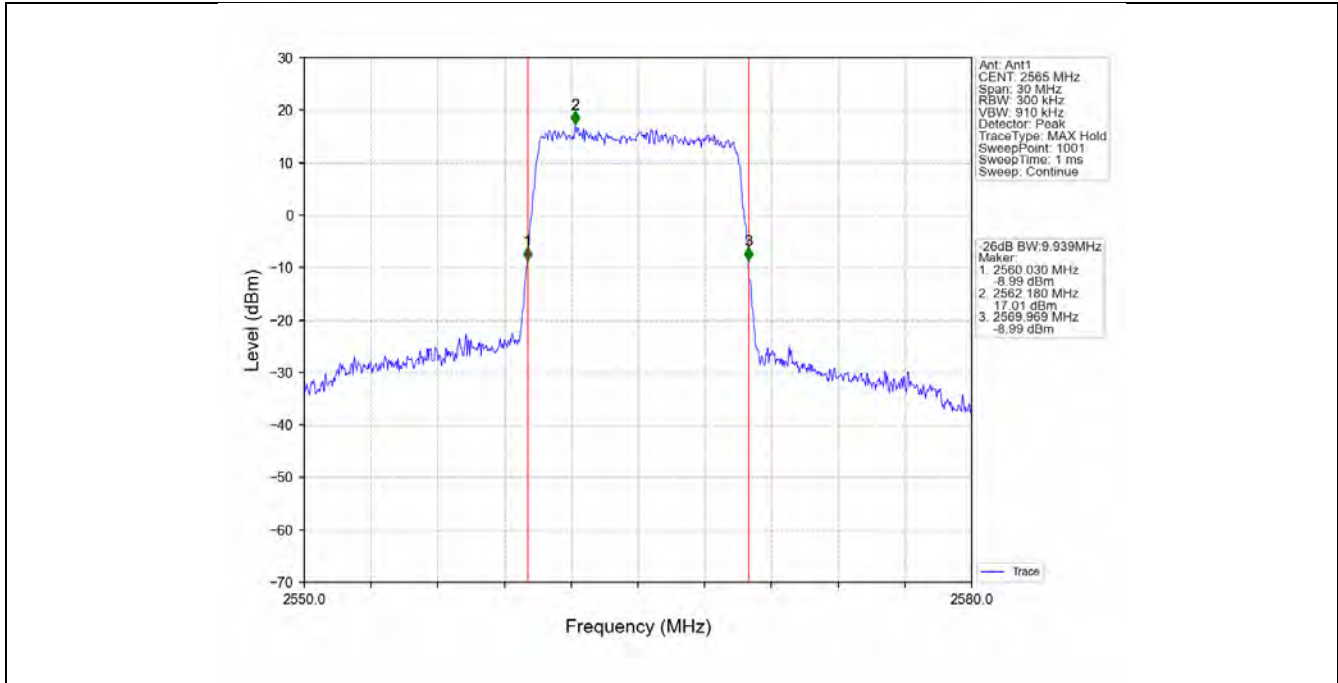


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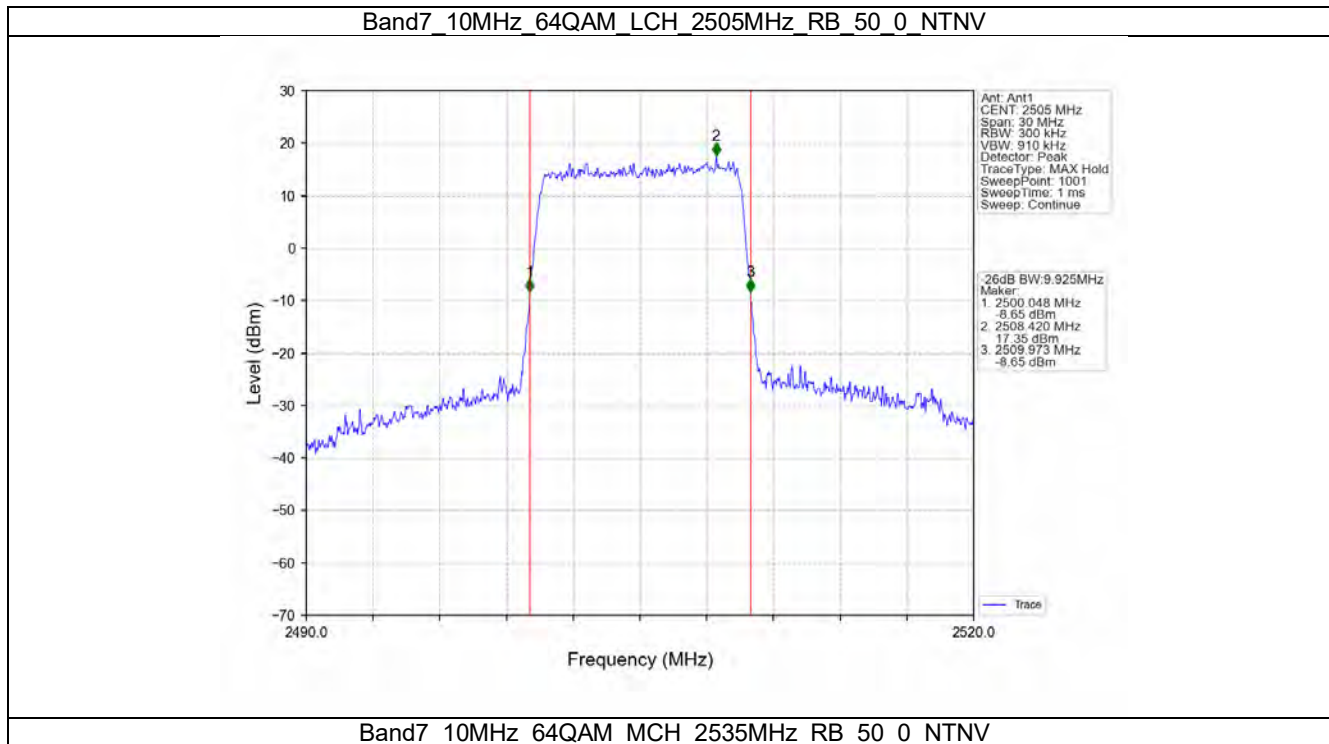
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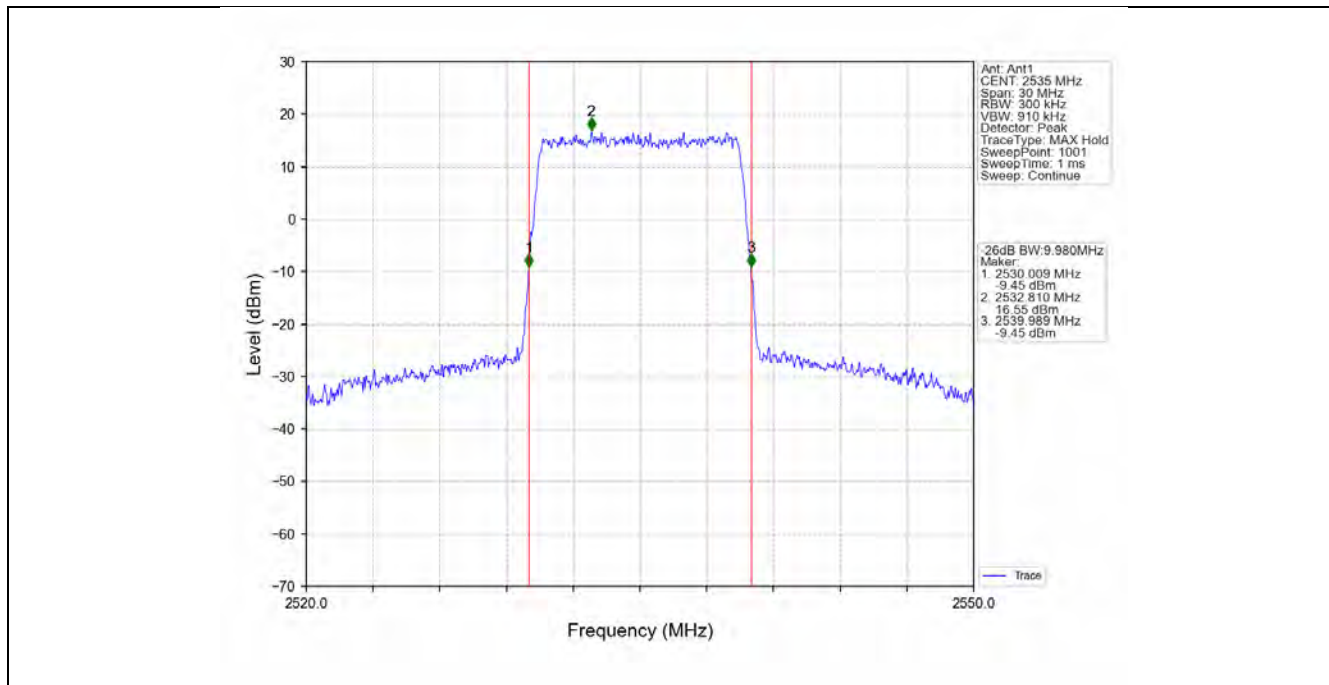
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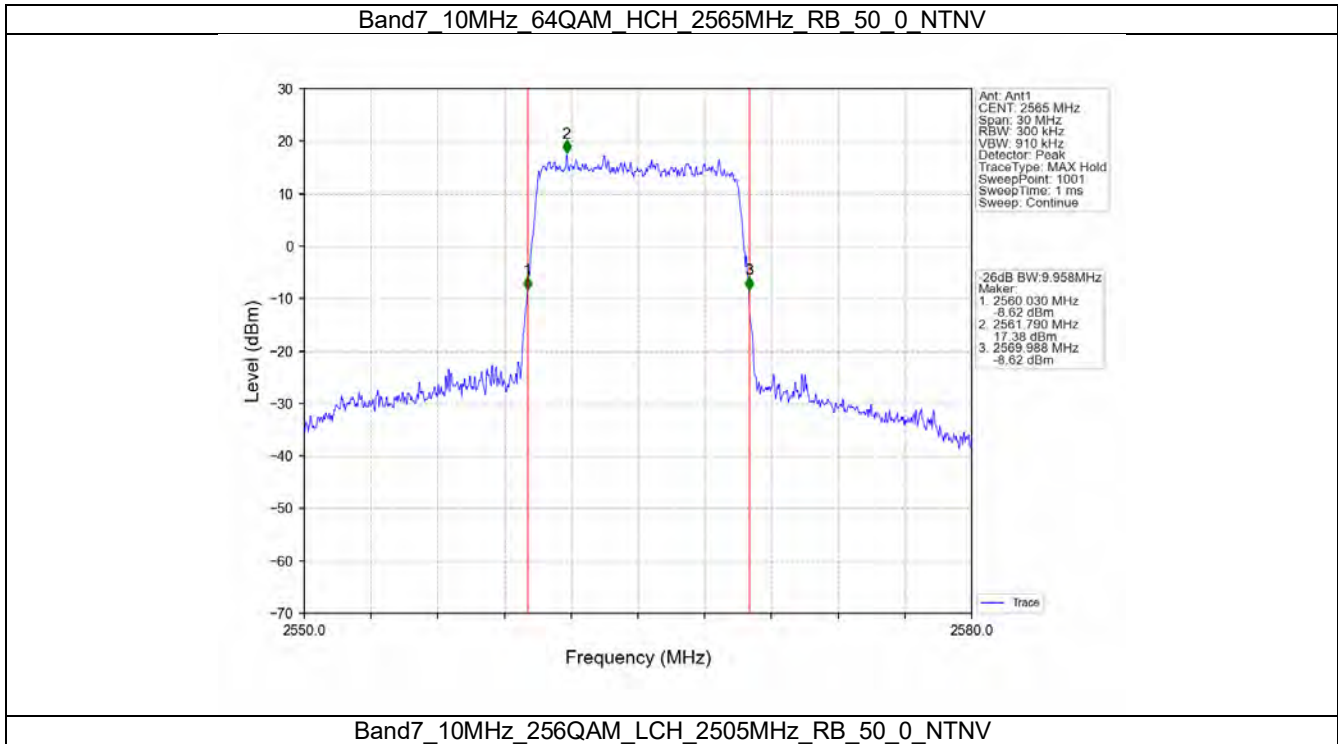


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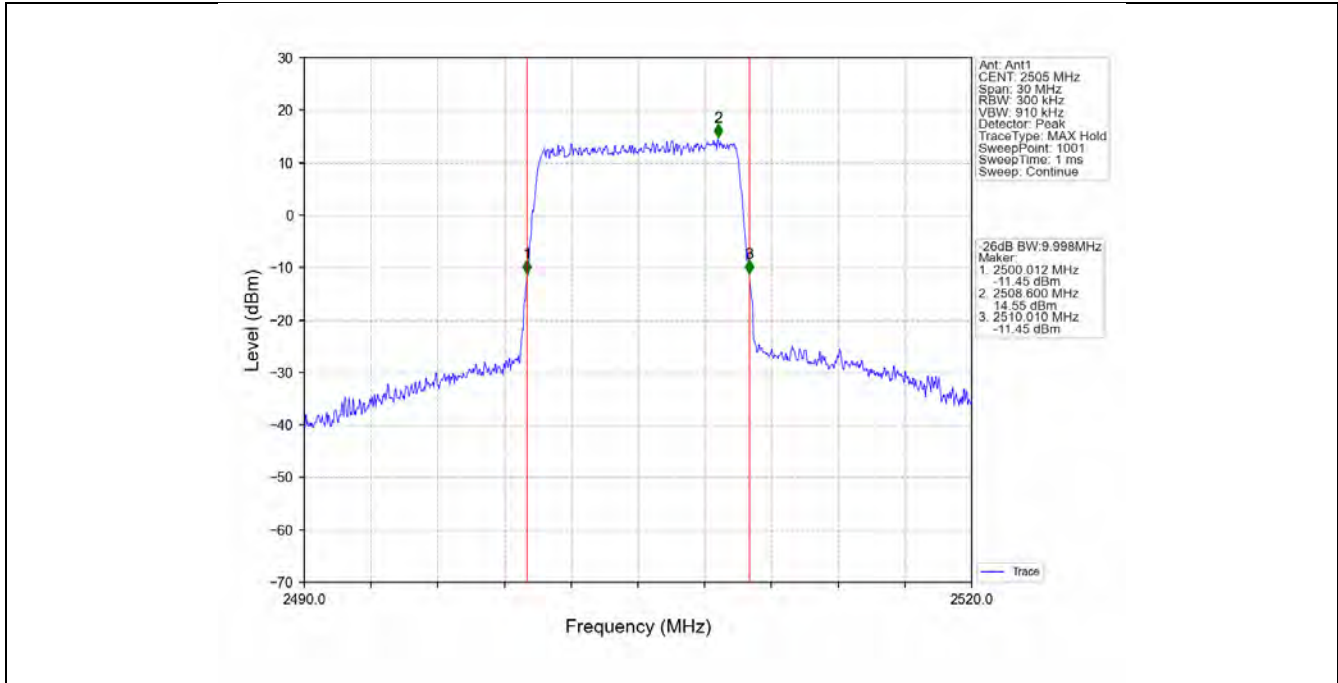


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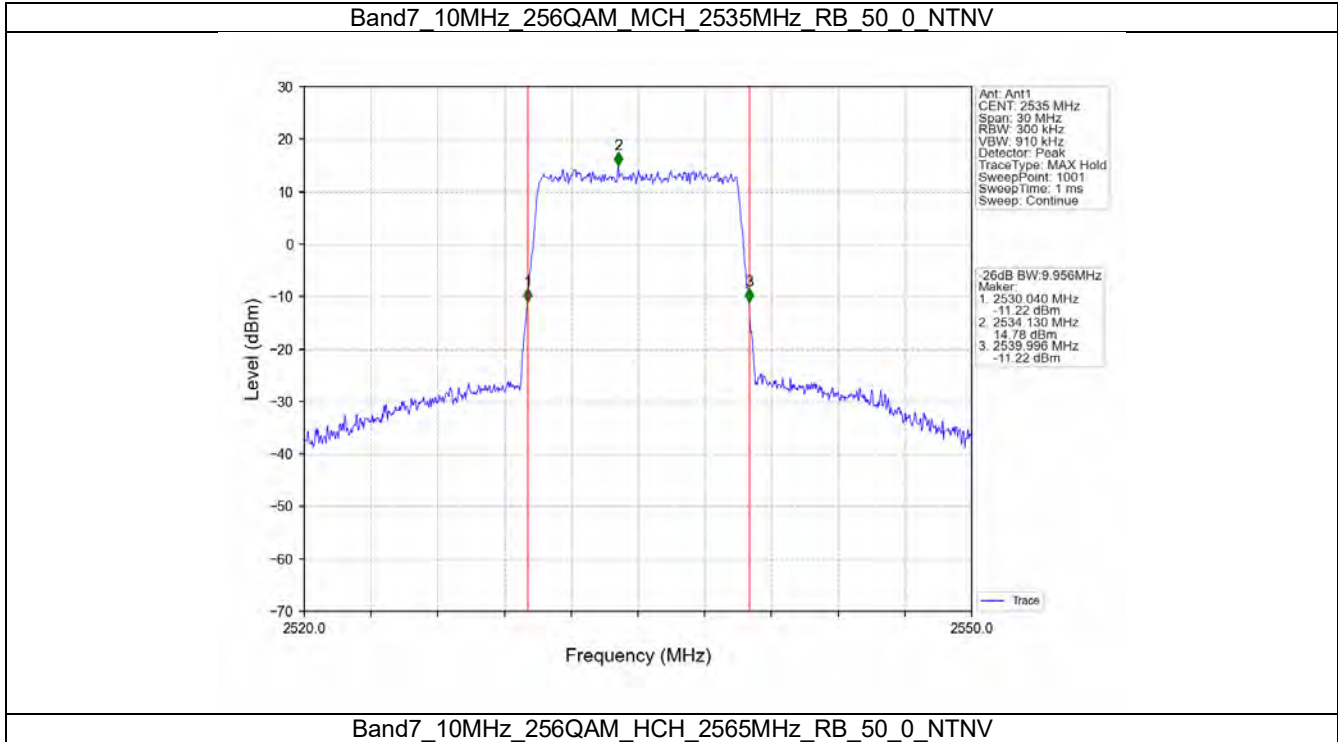


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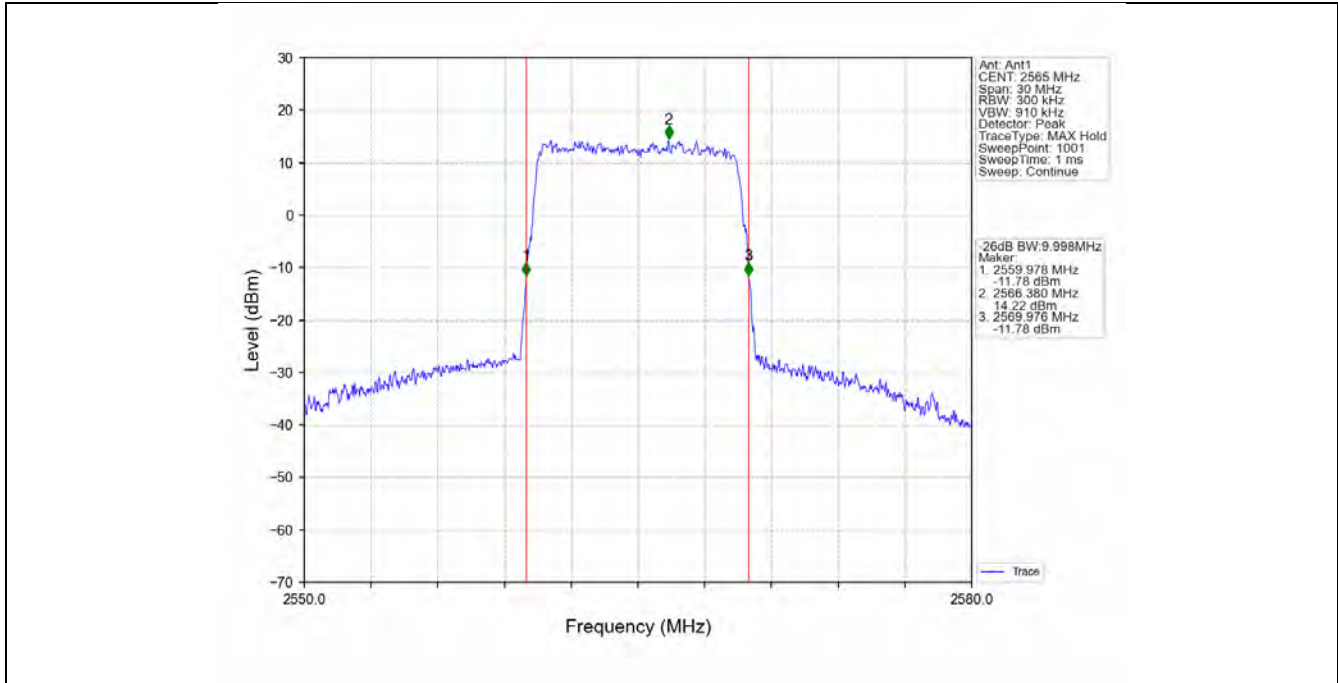


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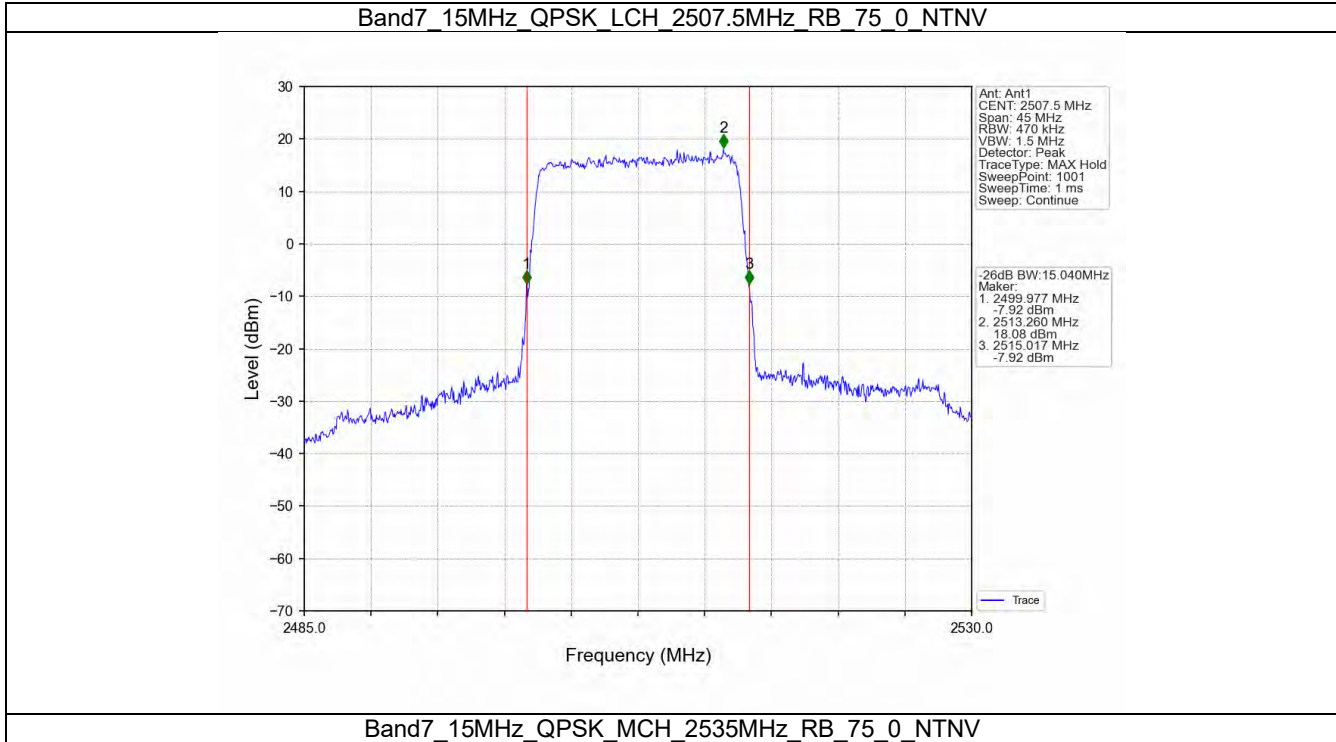


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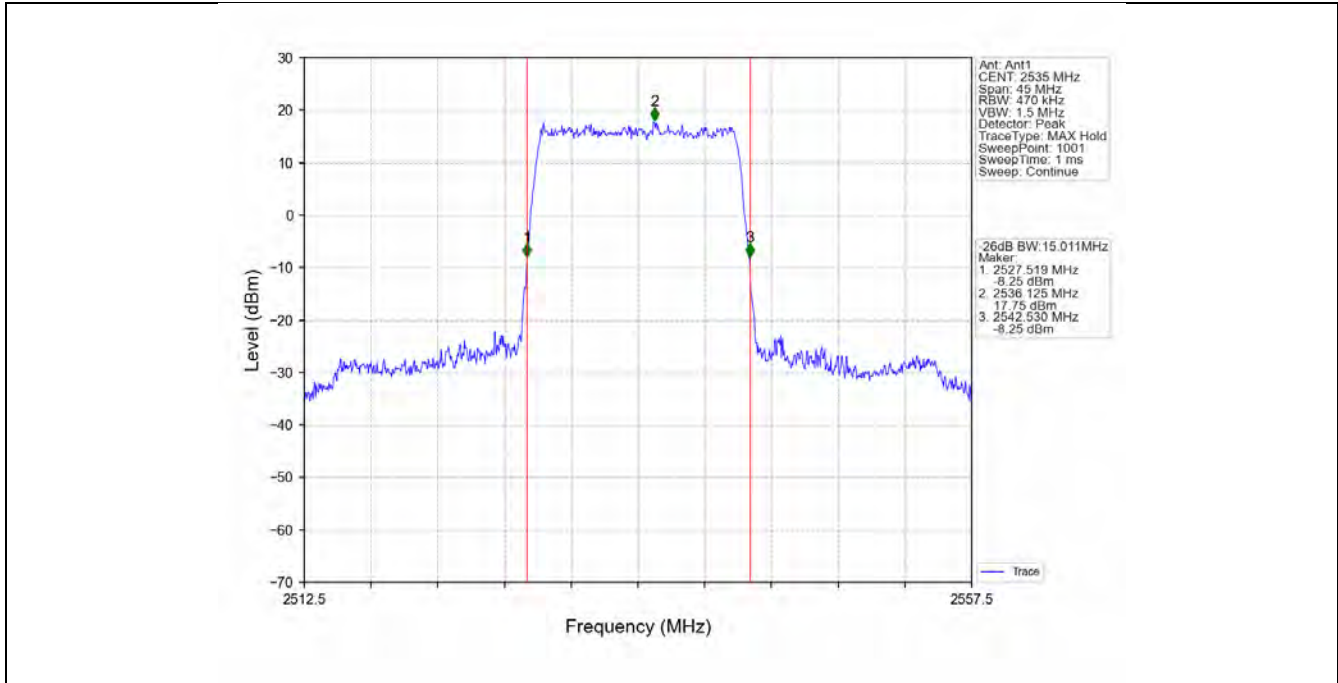


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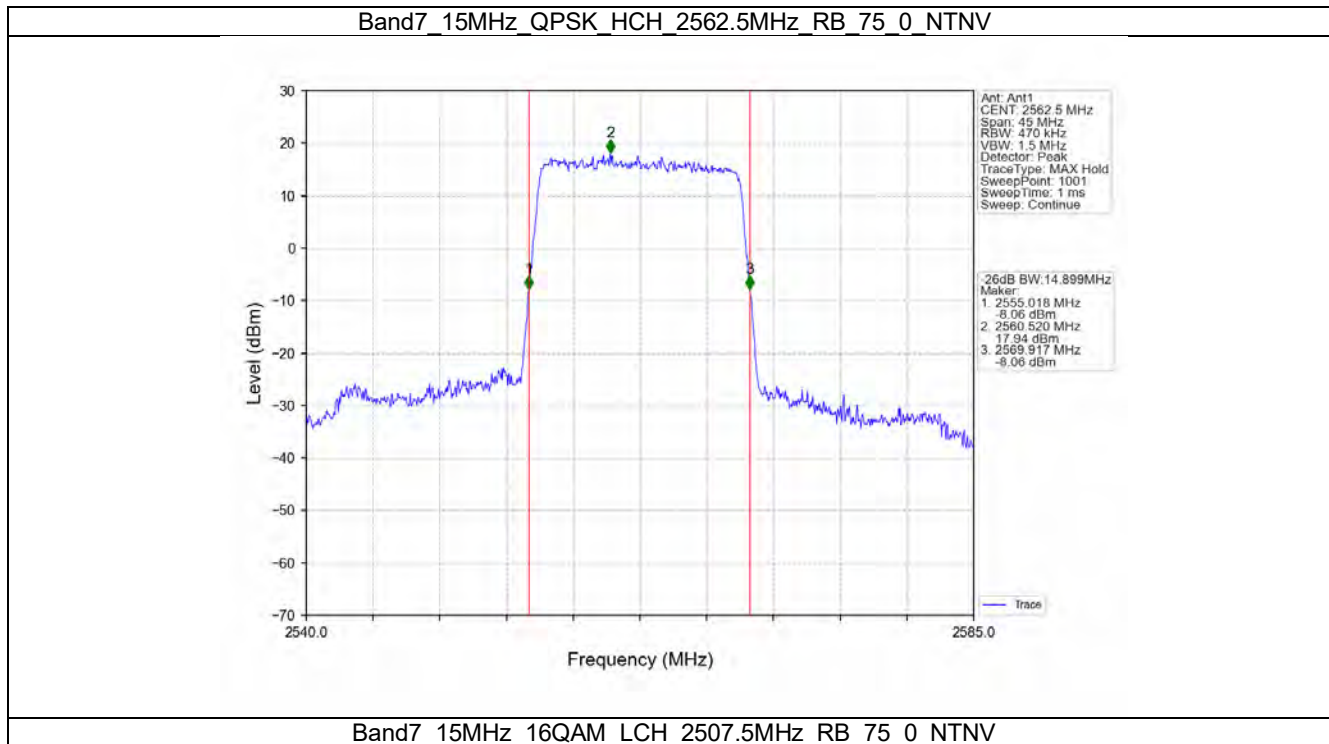
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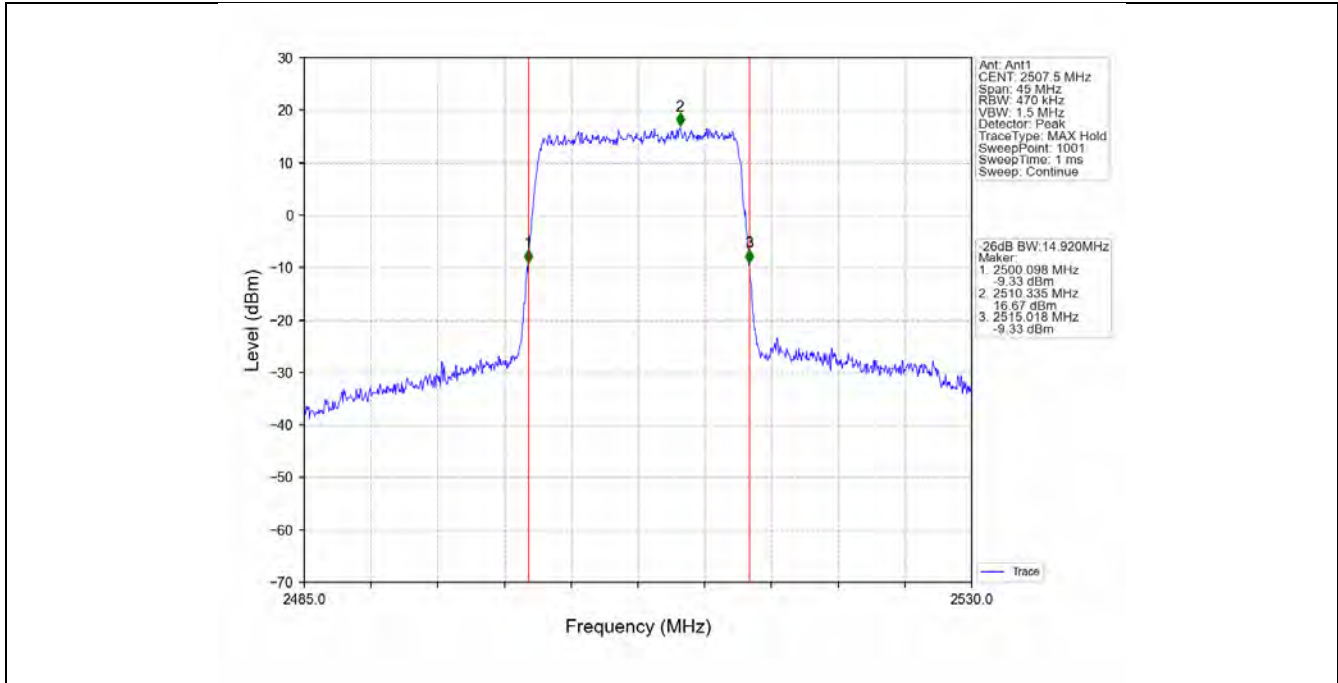


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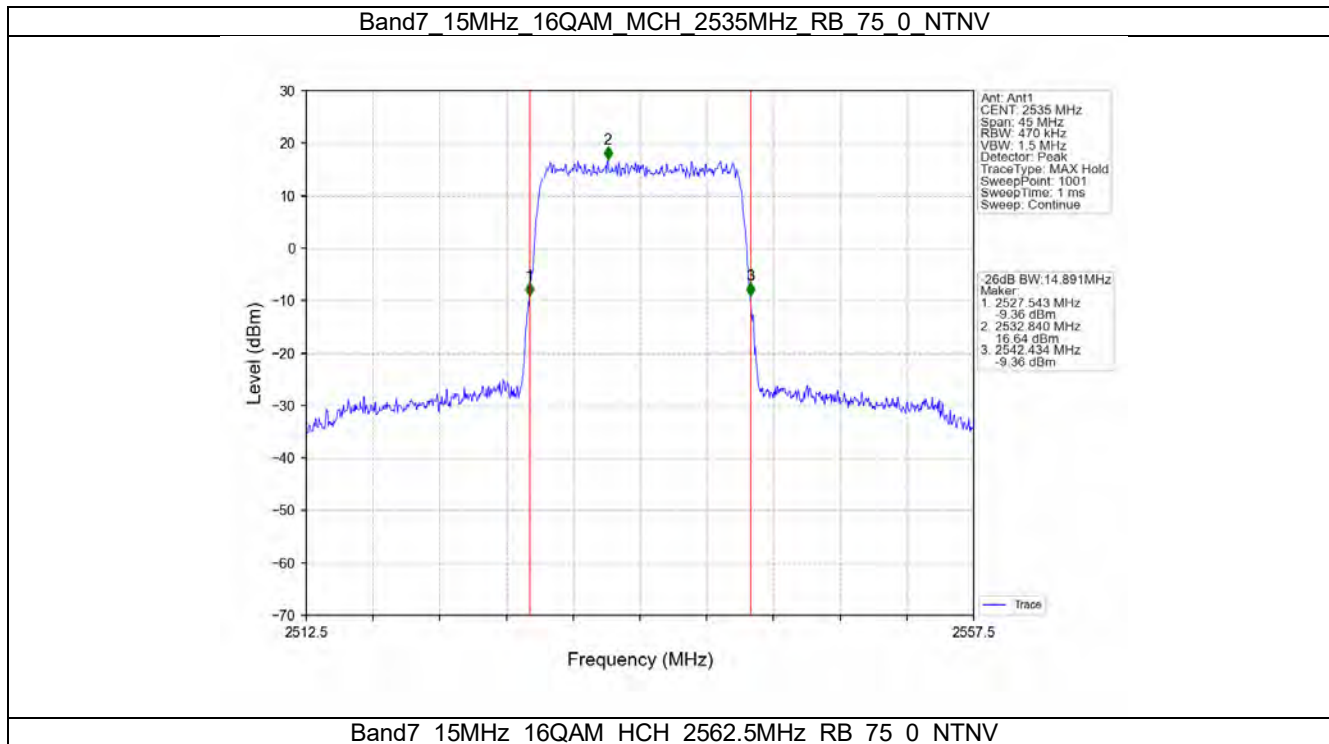
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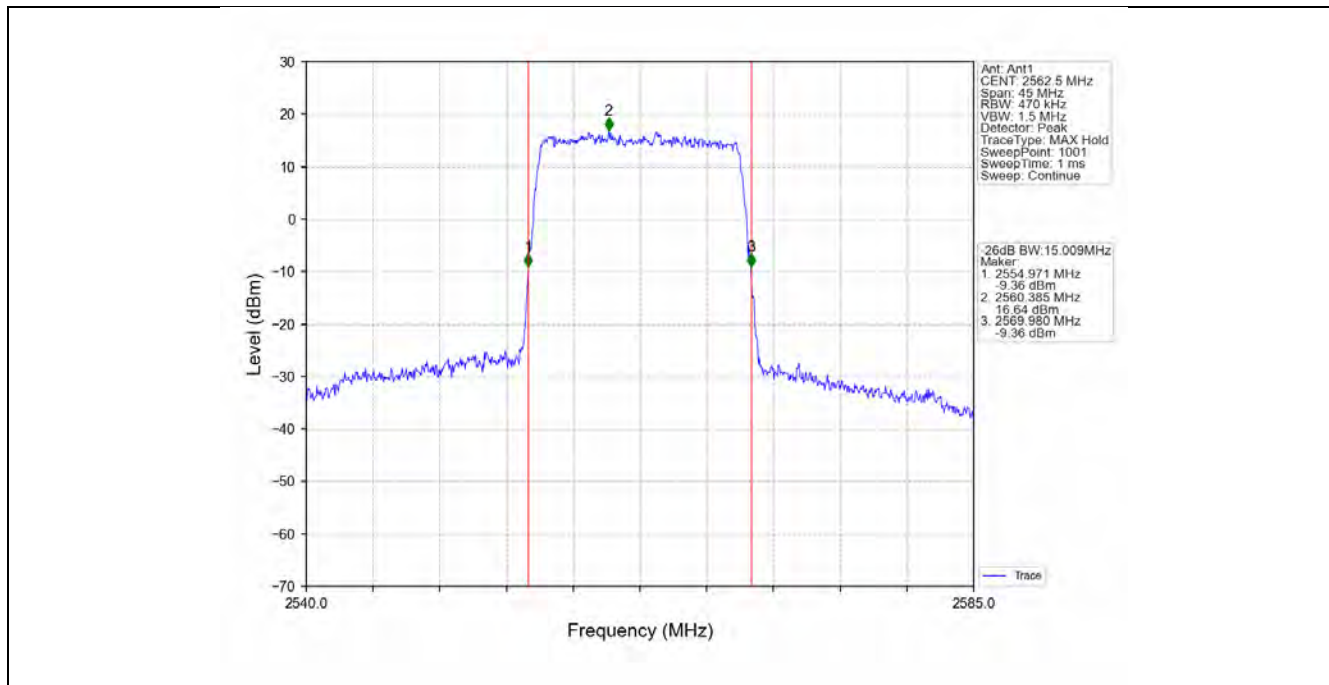
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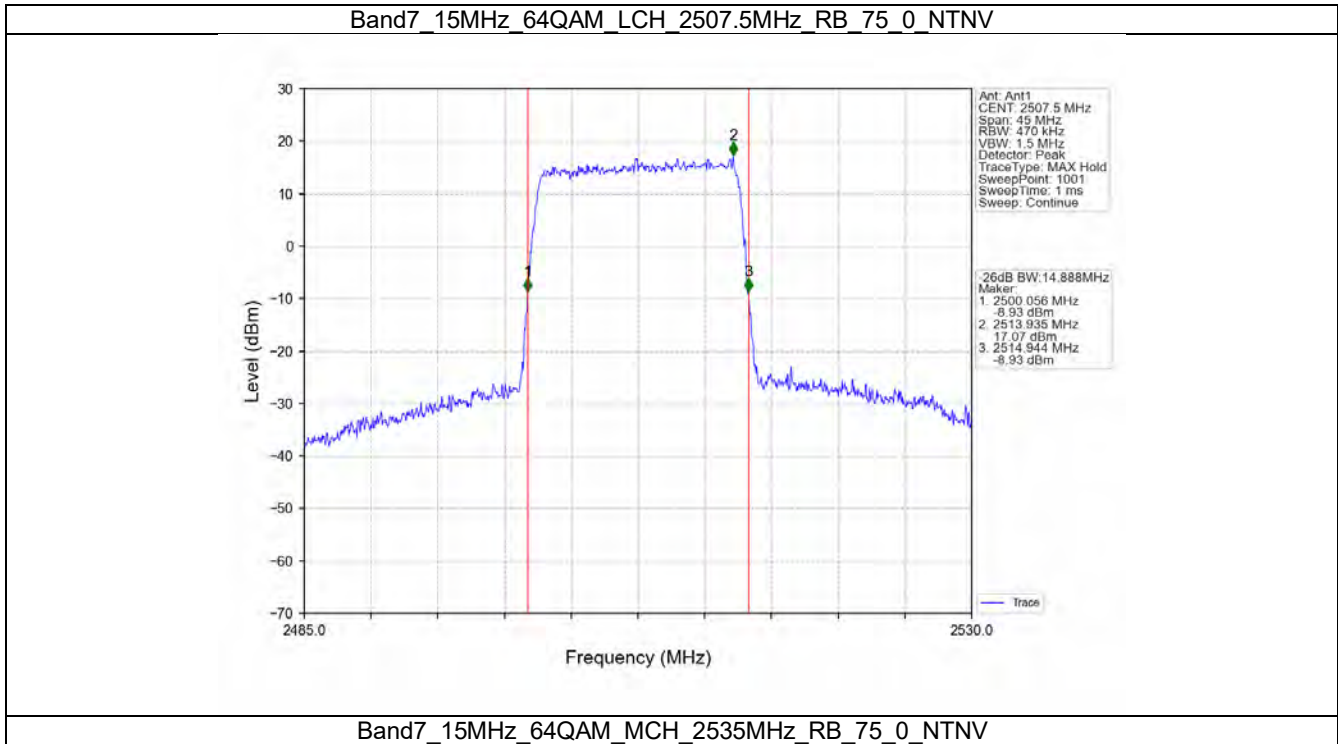


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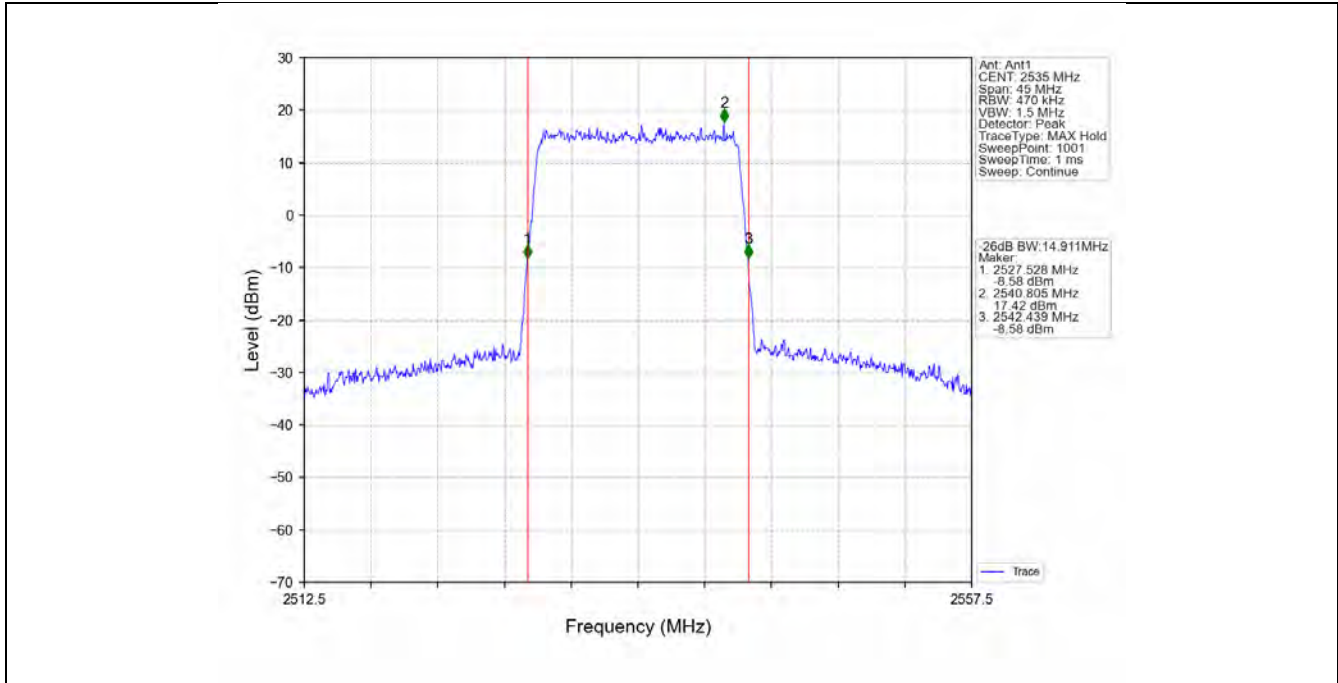


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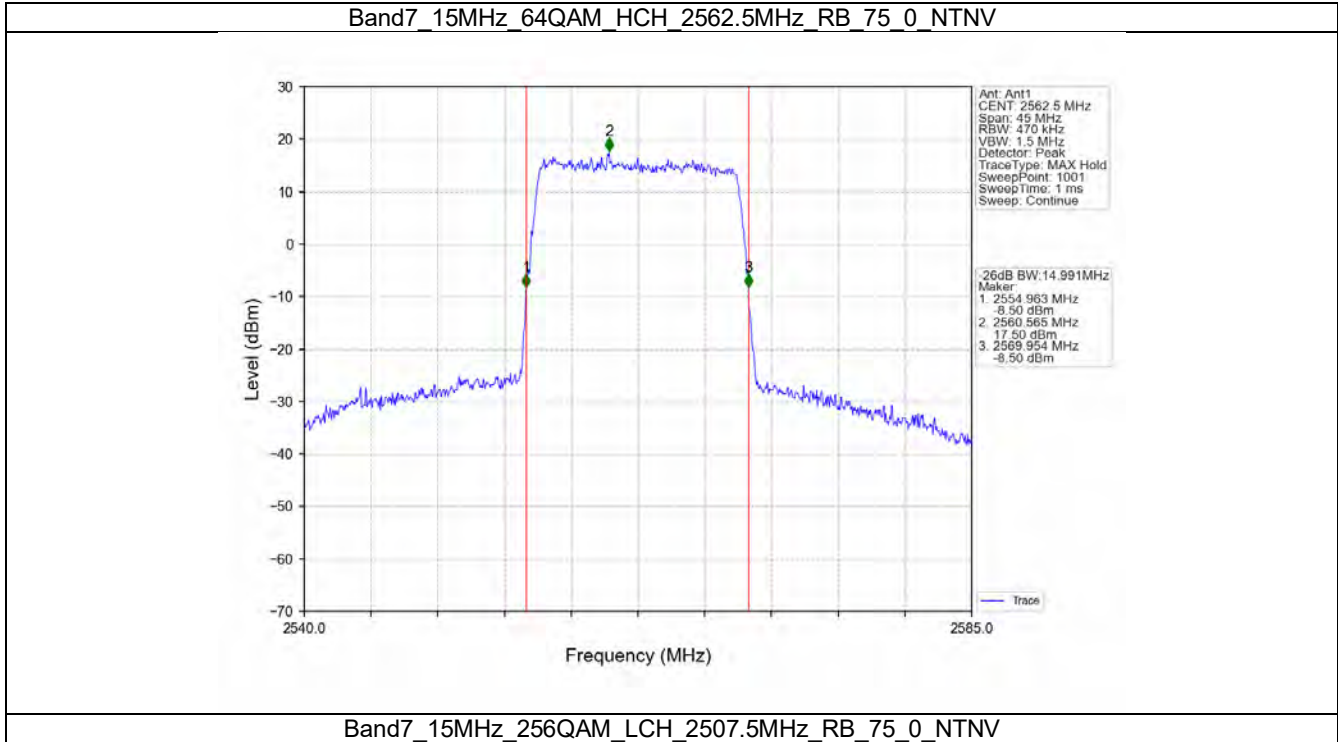


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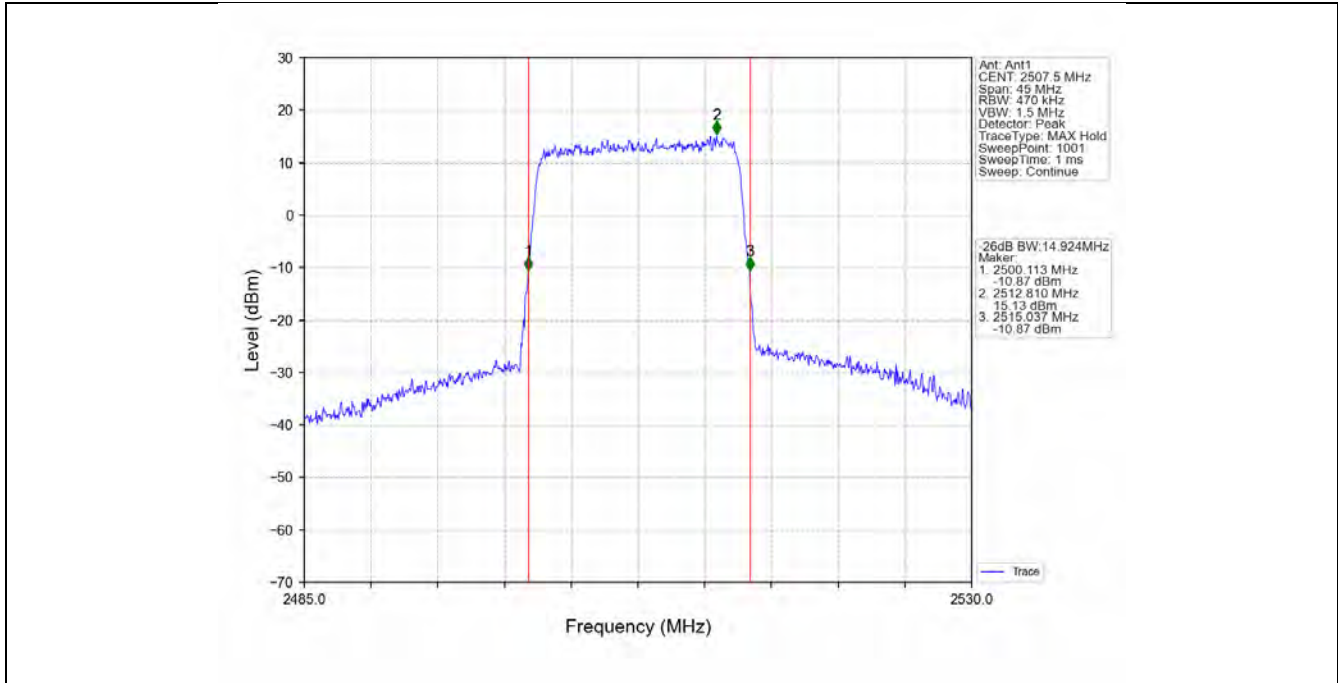


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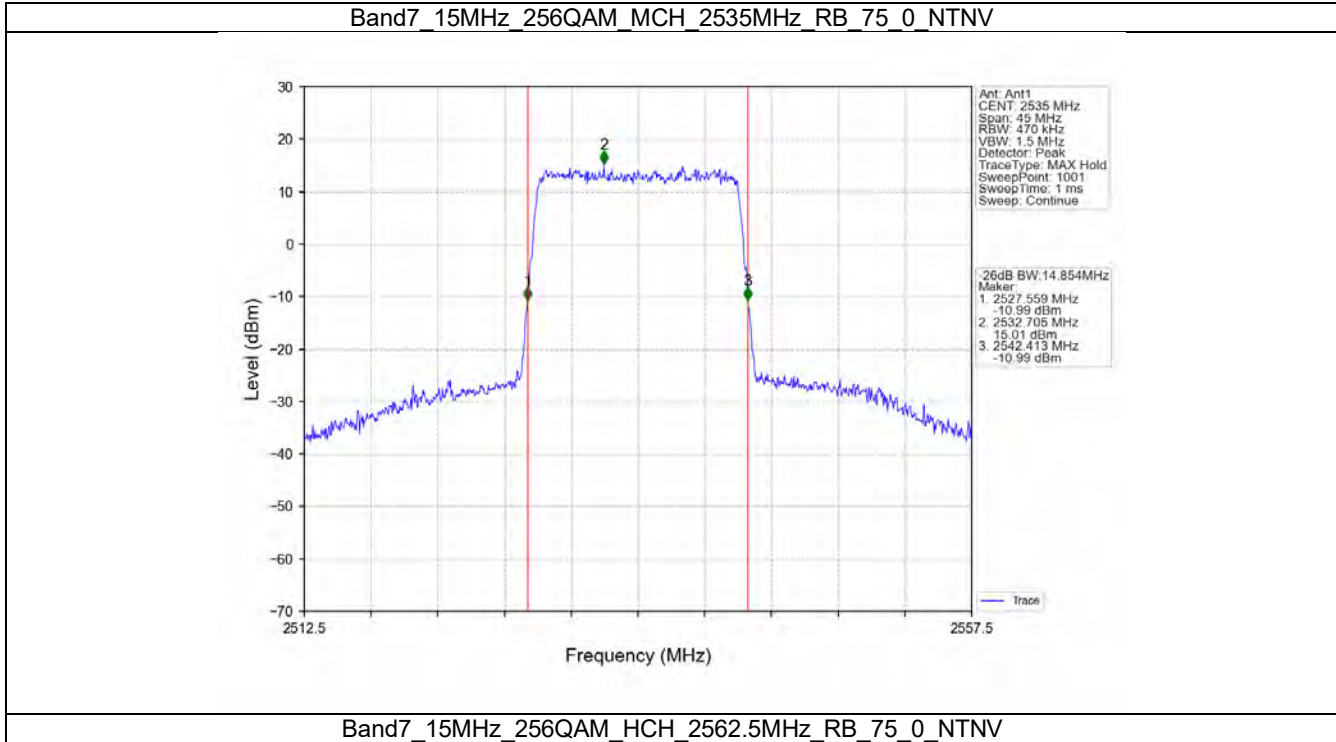


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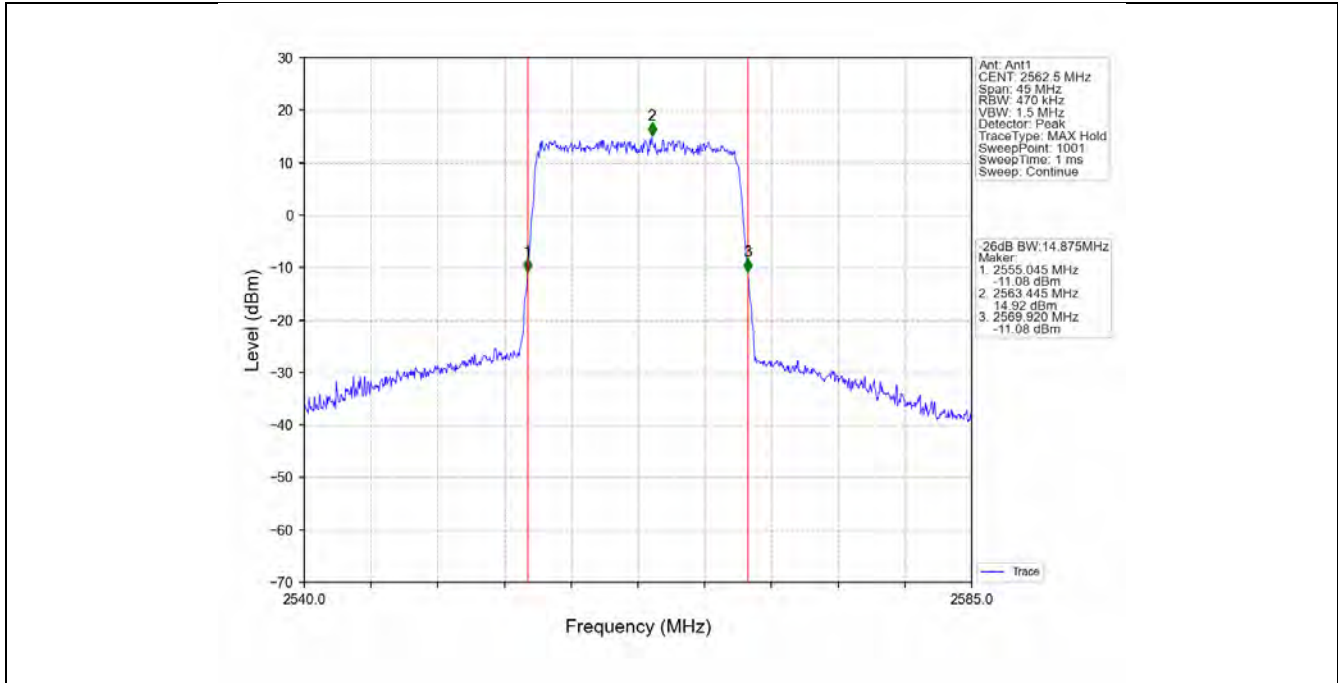


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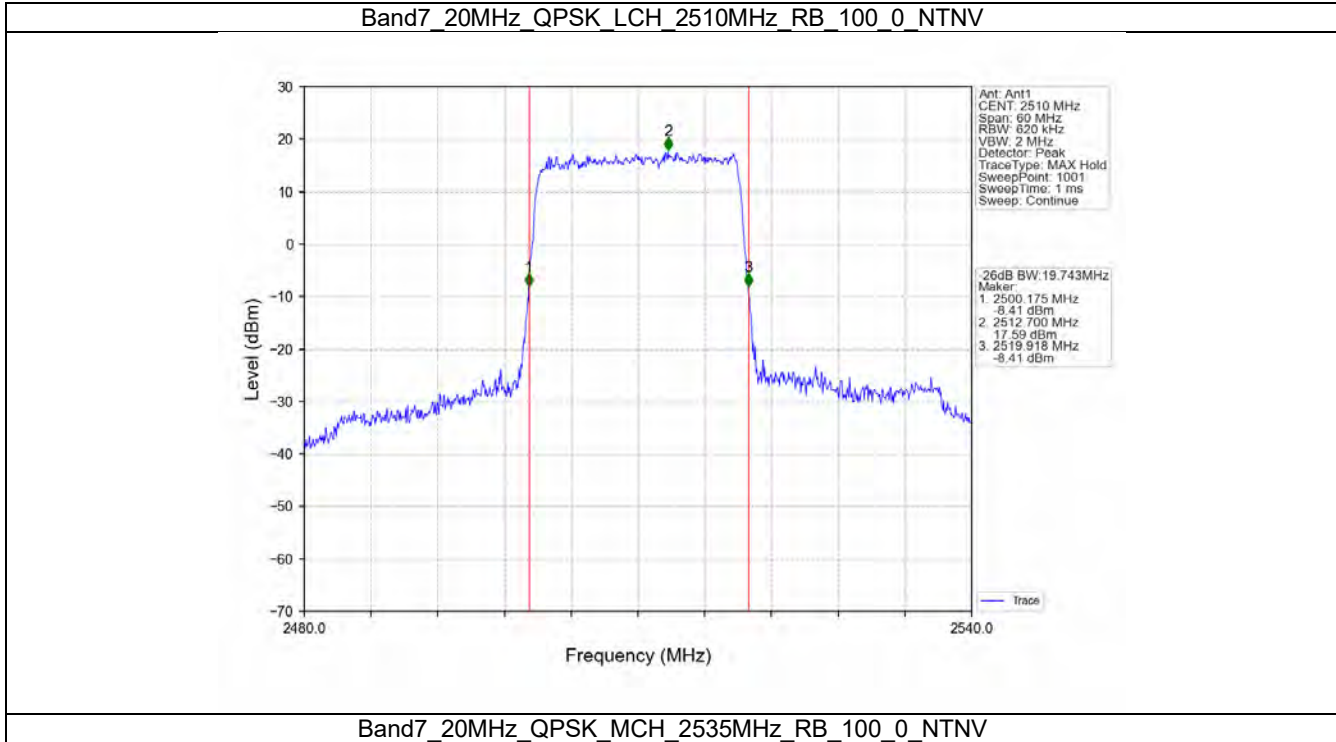


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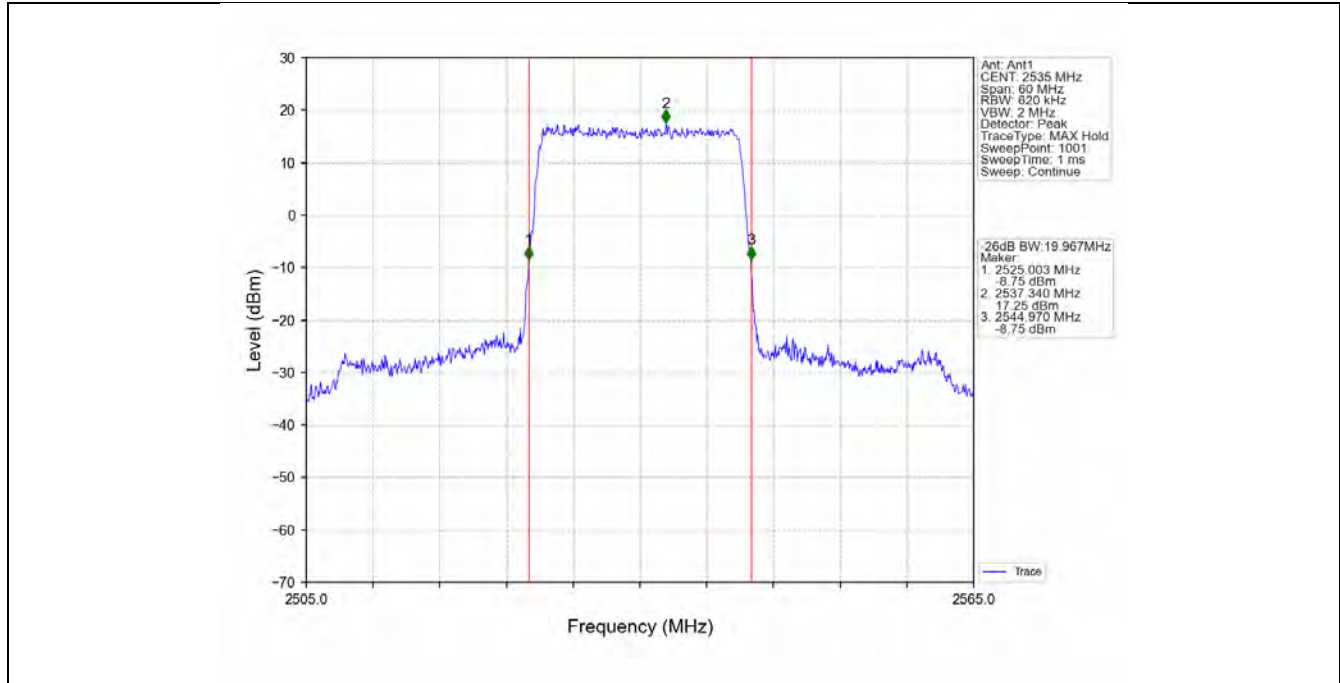


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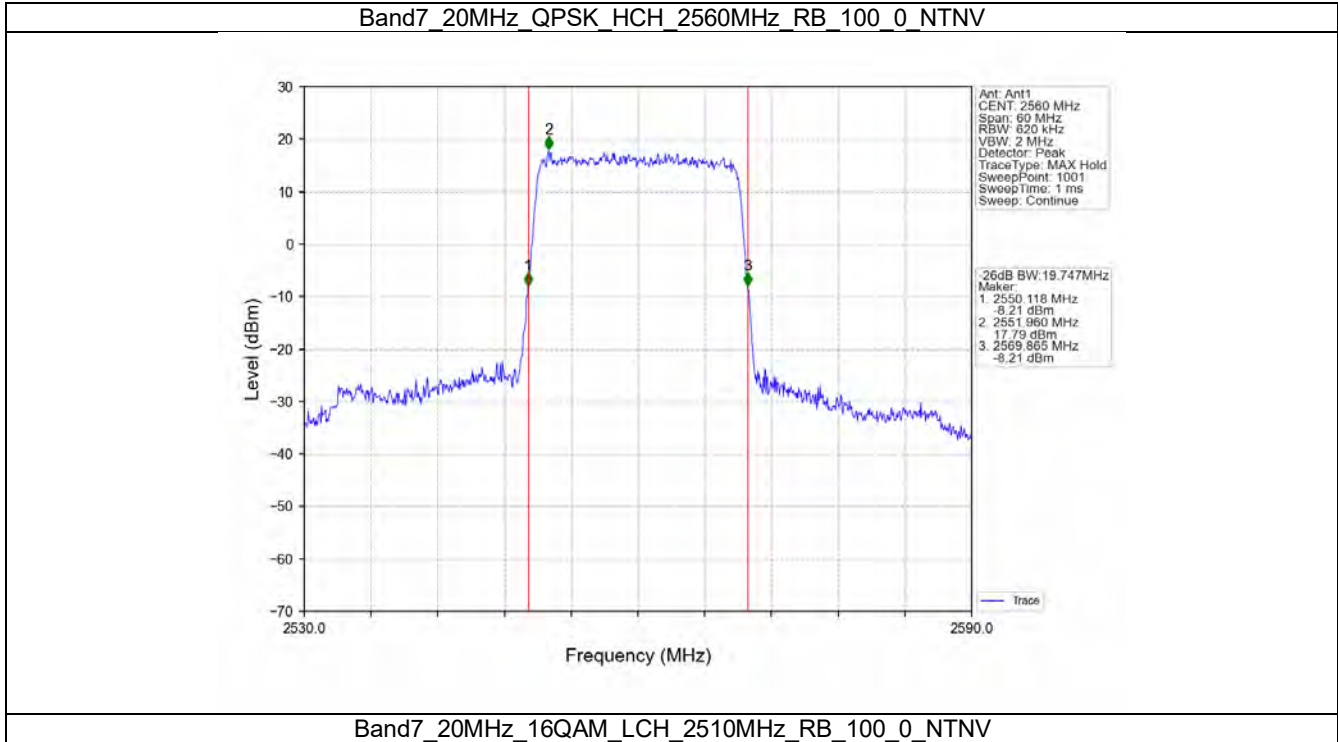


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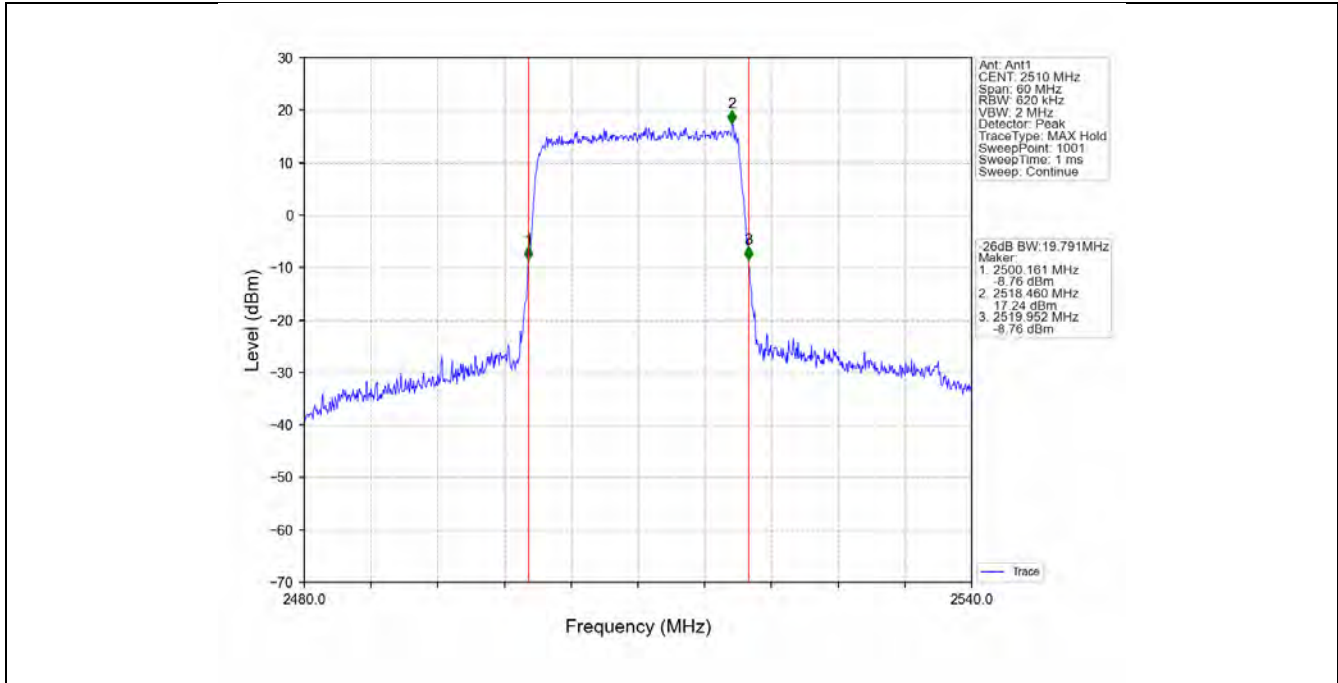


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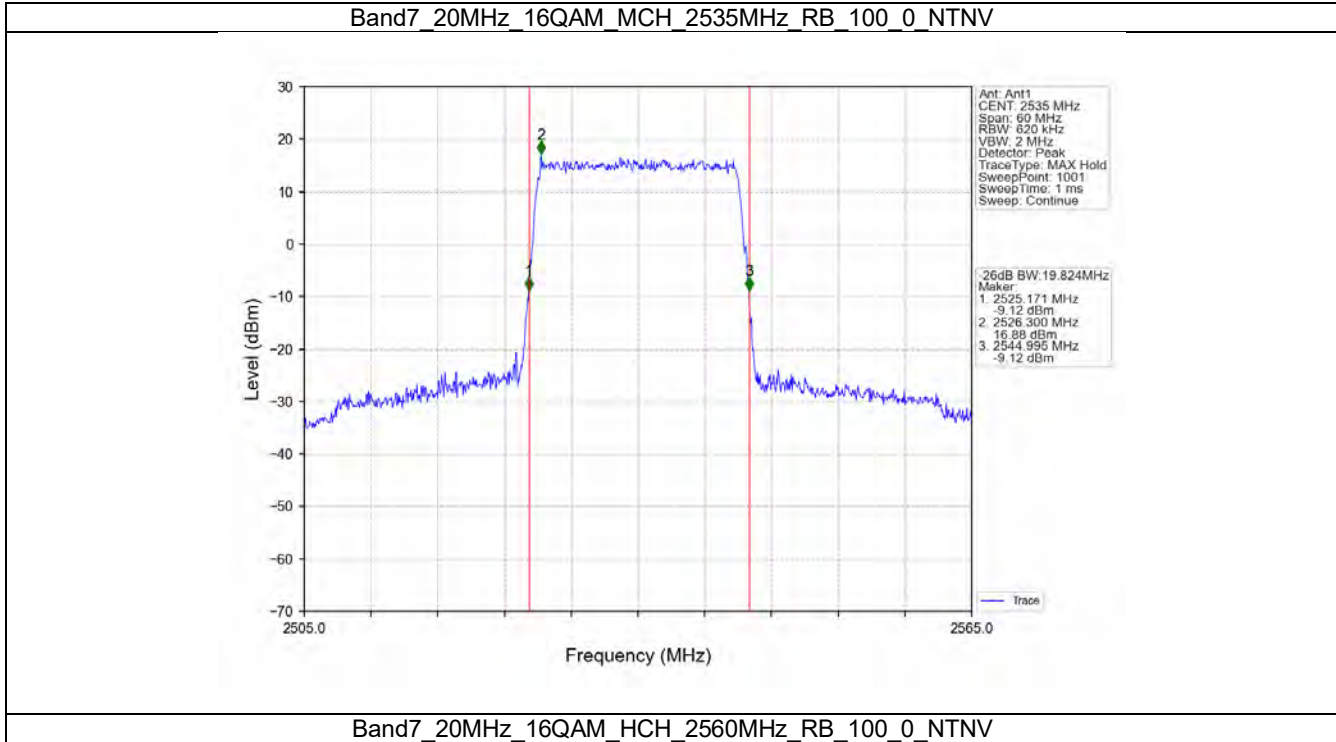


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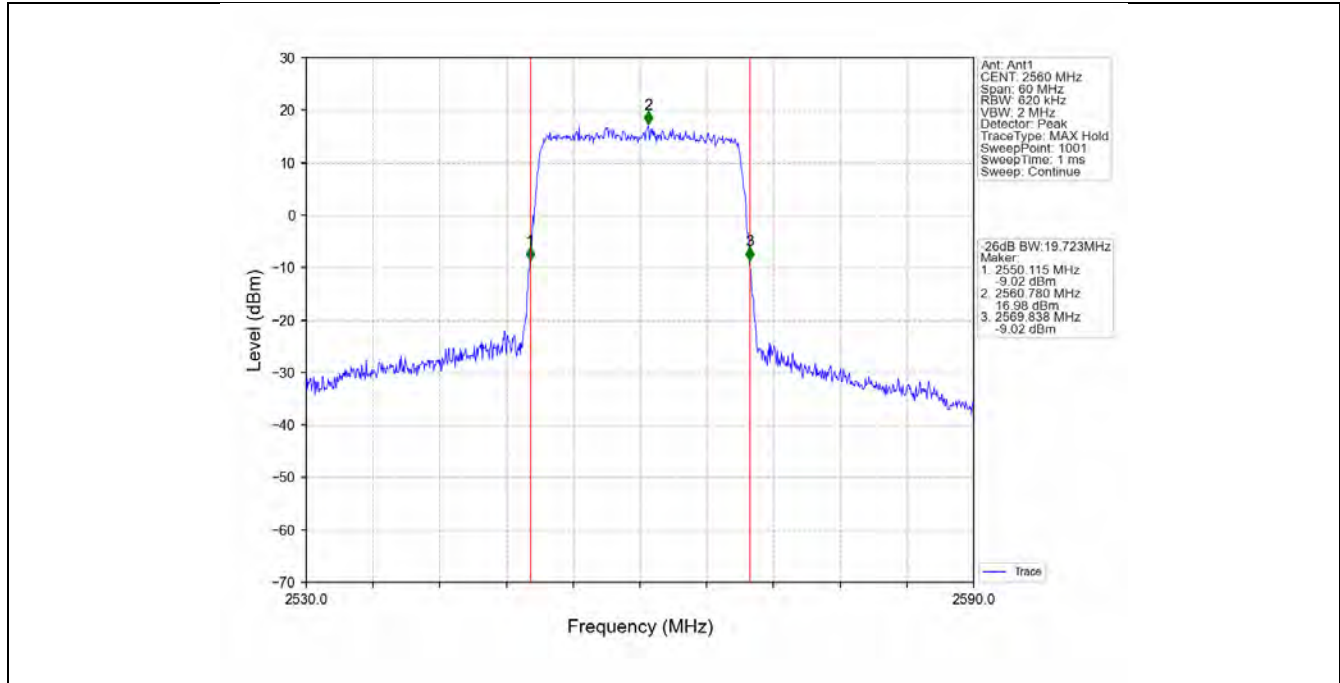


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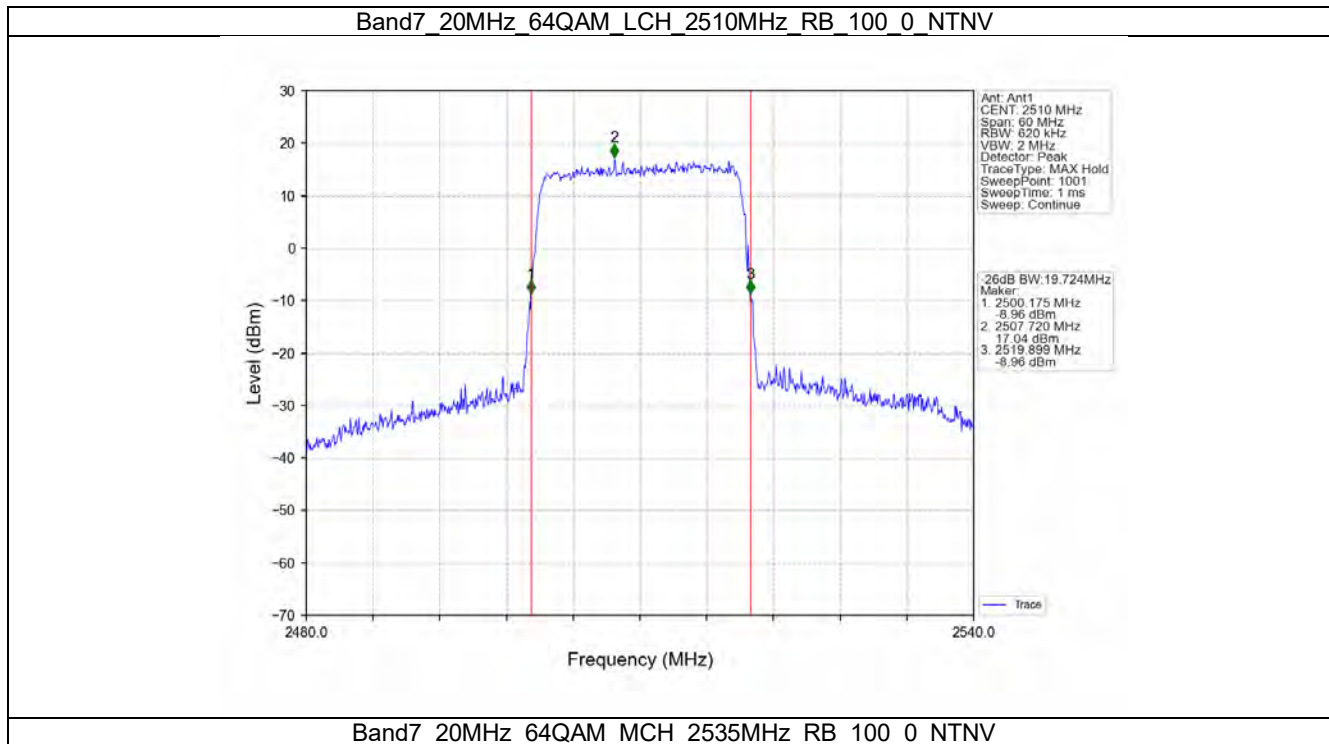
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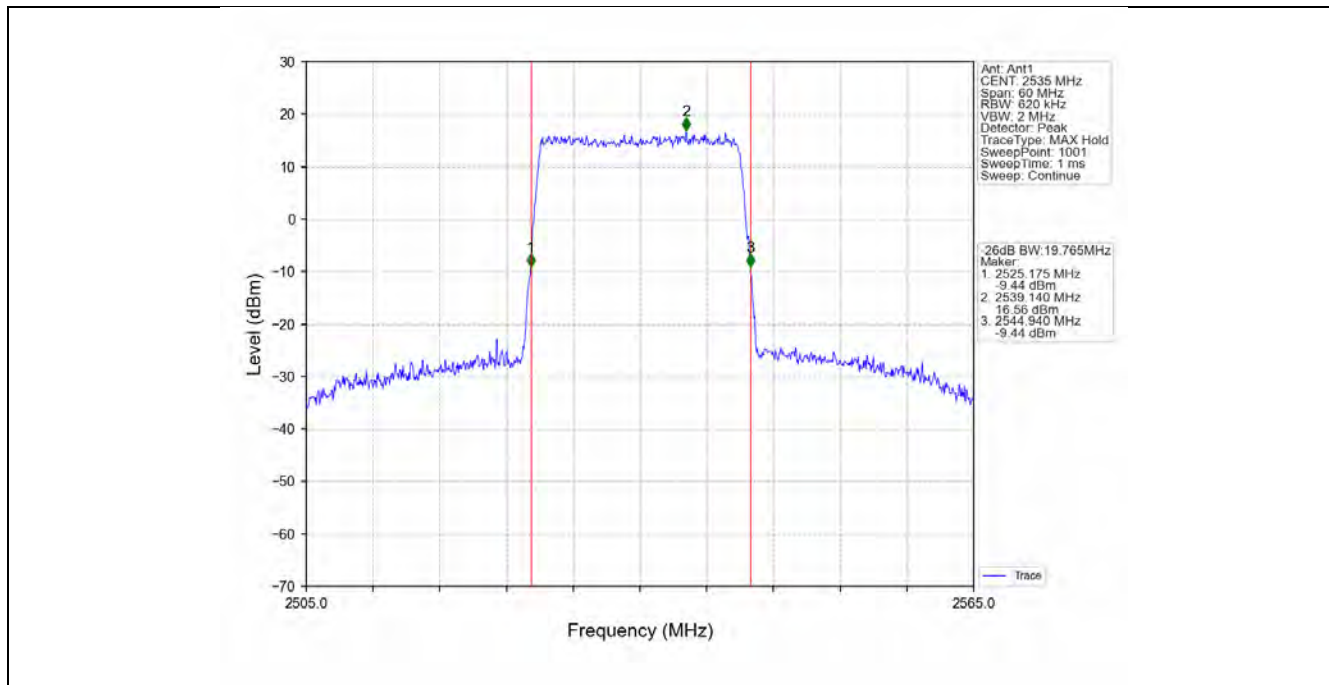
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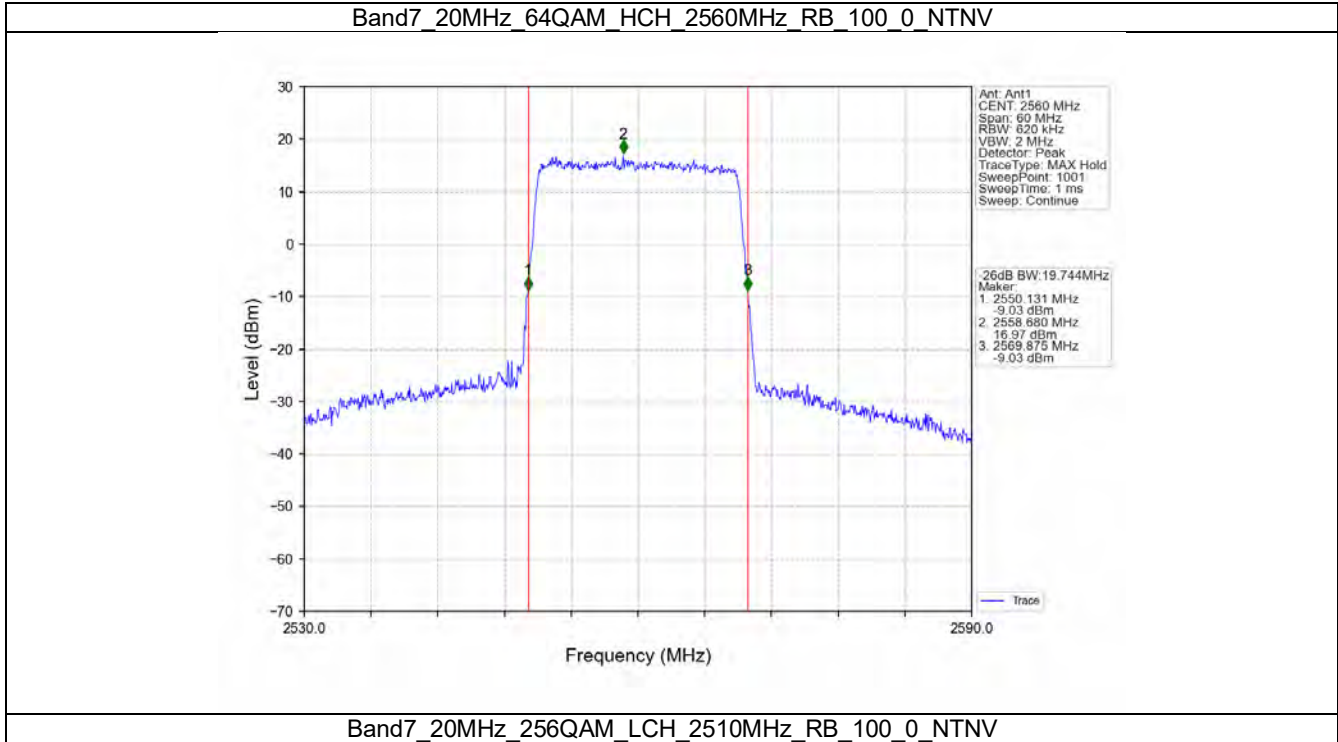


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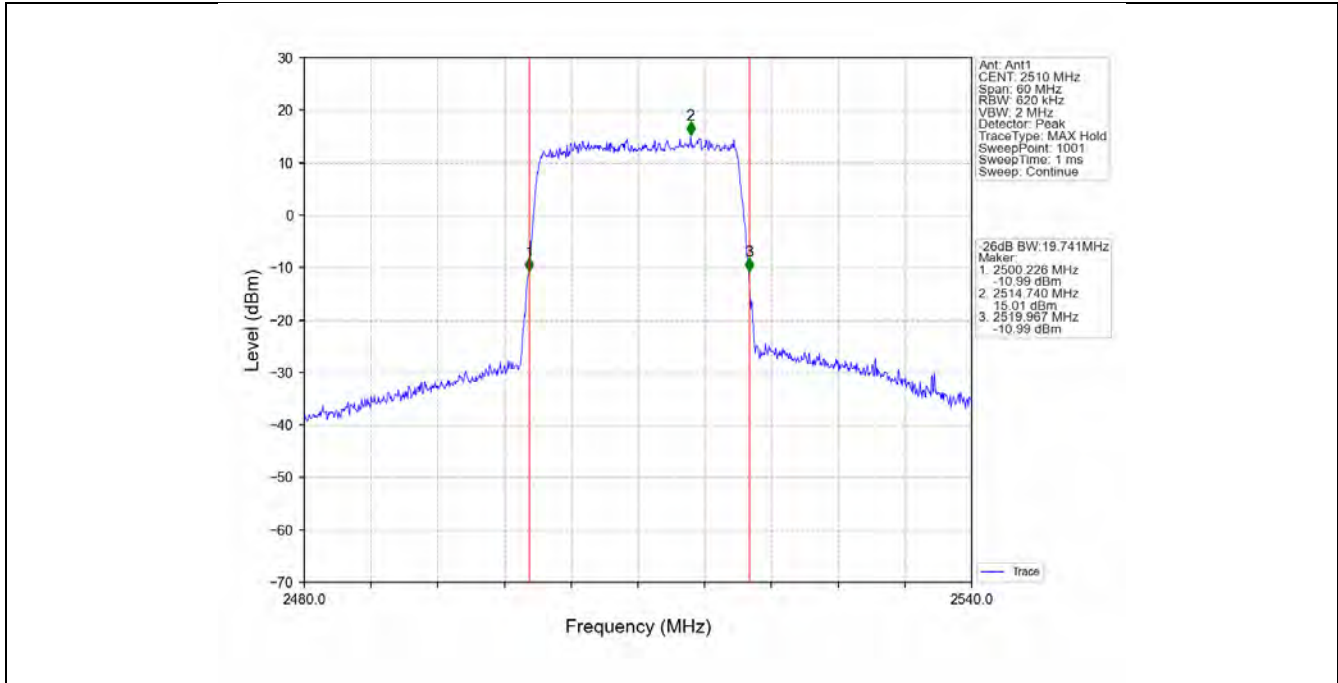


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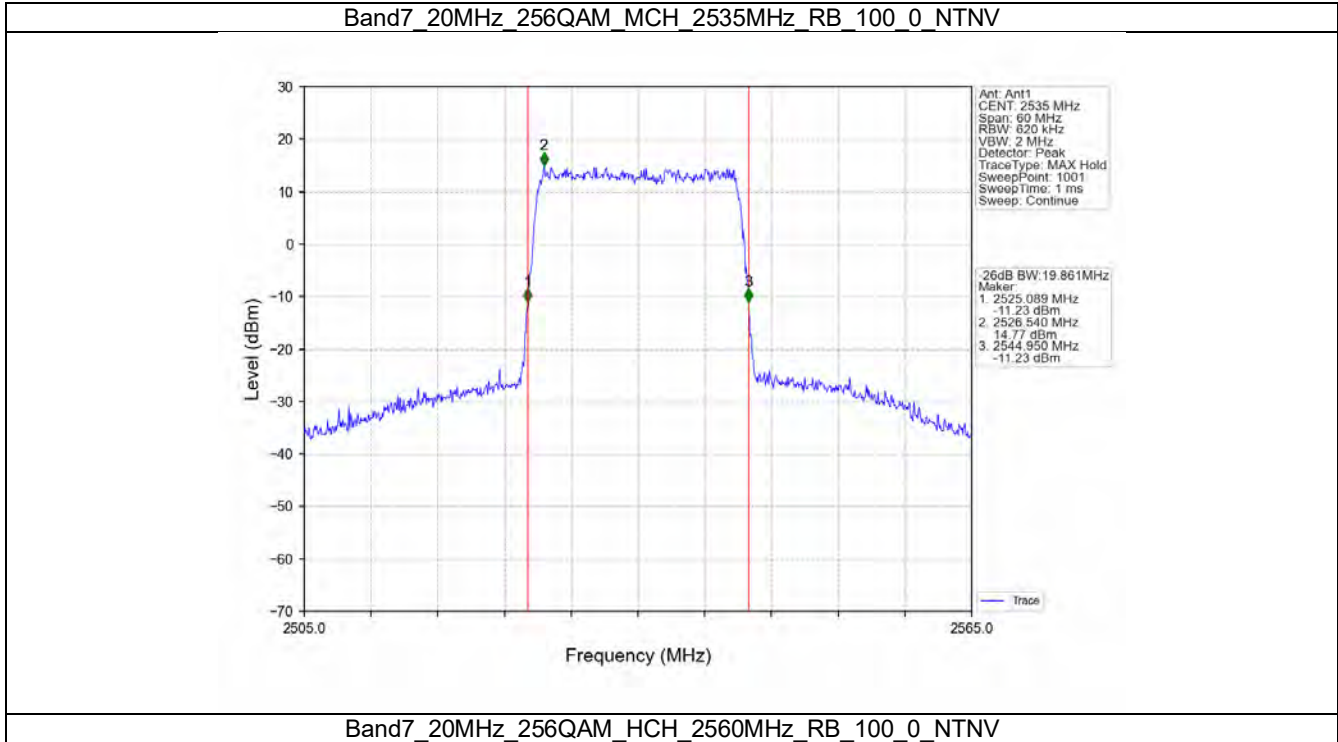


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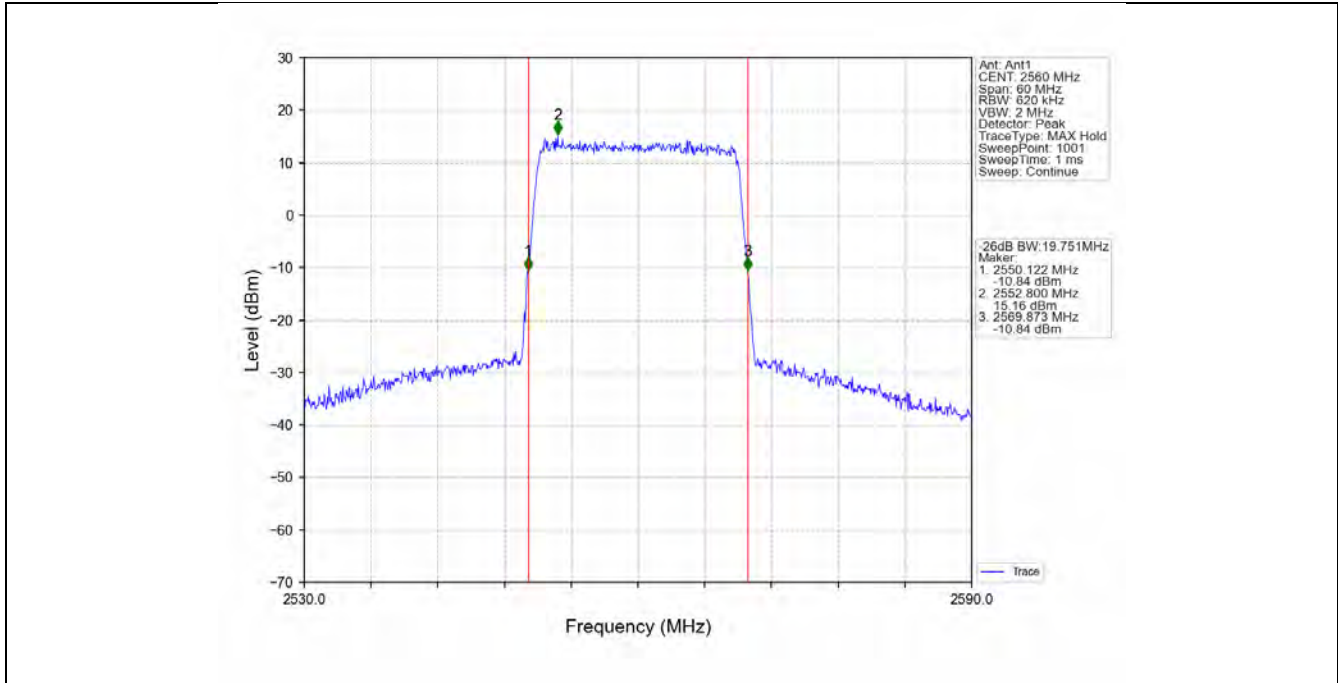


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4. Peak-Average Ratio

4.1 B7_5MHz

4.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.00	<=13	Pass
	2535	25	0	5.10	<=13	Pass
	2567.5	25	0	5.02	<=13	Pass
16QAM	2502.5	25	0	5.79	<=13	Pass
	2535	25	0	5.87	<=13	Pass
	2567.5	25	0	5.81	<=13	Pass
64QAM	2502.5	25	0	6.56	<=13	Pass
	2535	25	0	6.66	<=13	Pass
	2567.5	25	0	6.52	<=13	Pass
256QAM	2502.5	25	0	6.83	<=13	Pass
	2535	25	0	6.91	<=13	Pass
	2567.5	25	0	6.73	<=13	Pass



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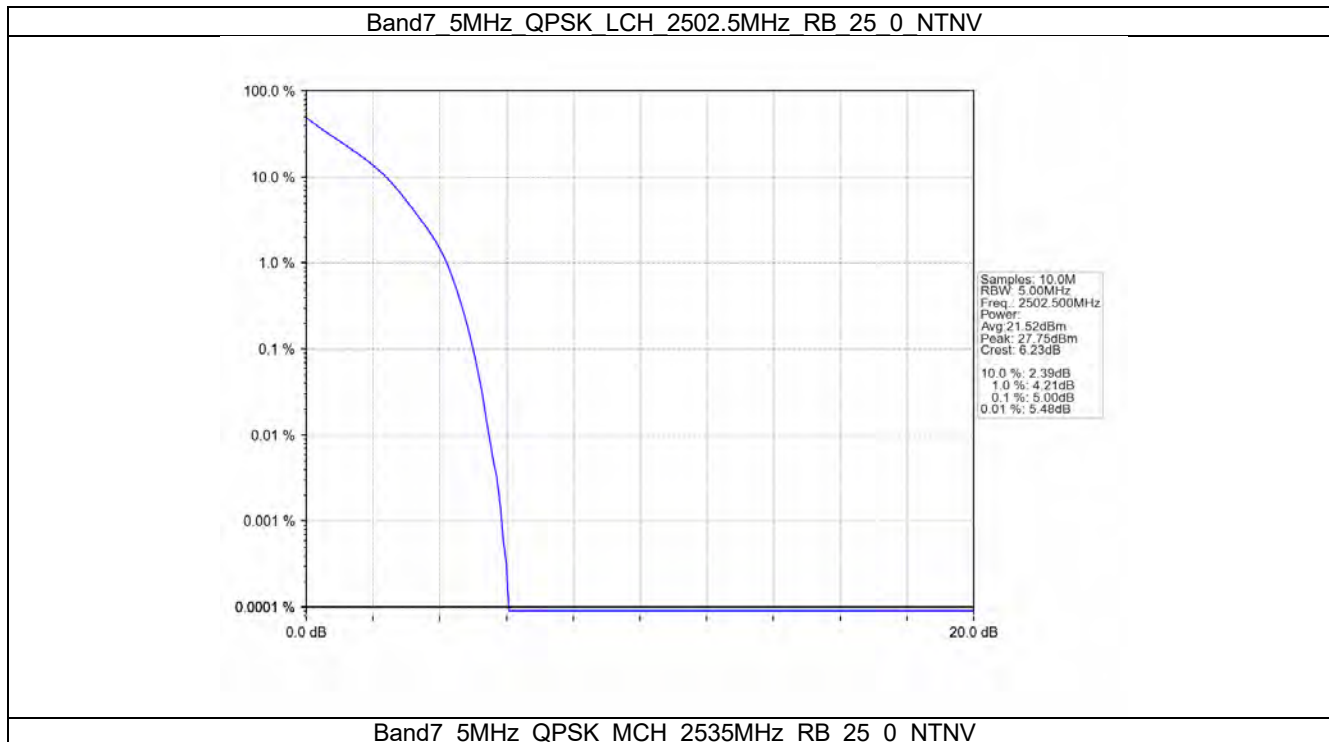
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4.1.2 Test Graph



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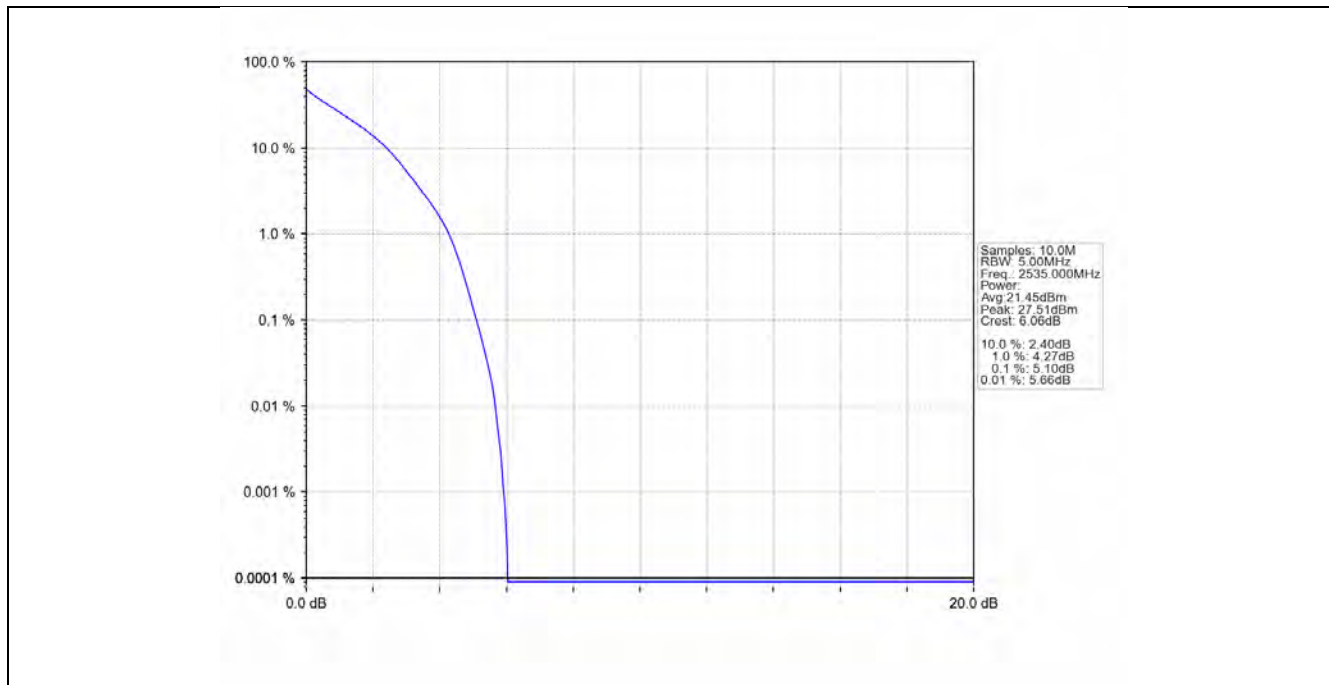
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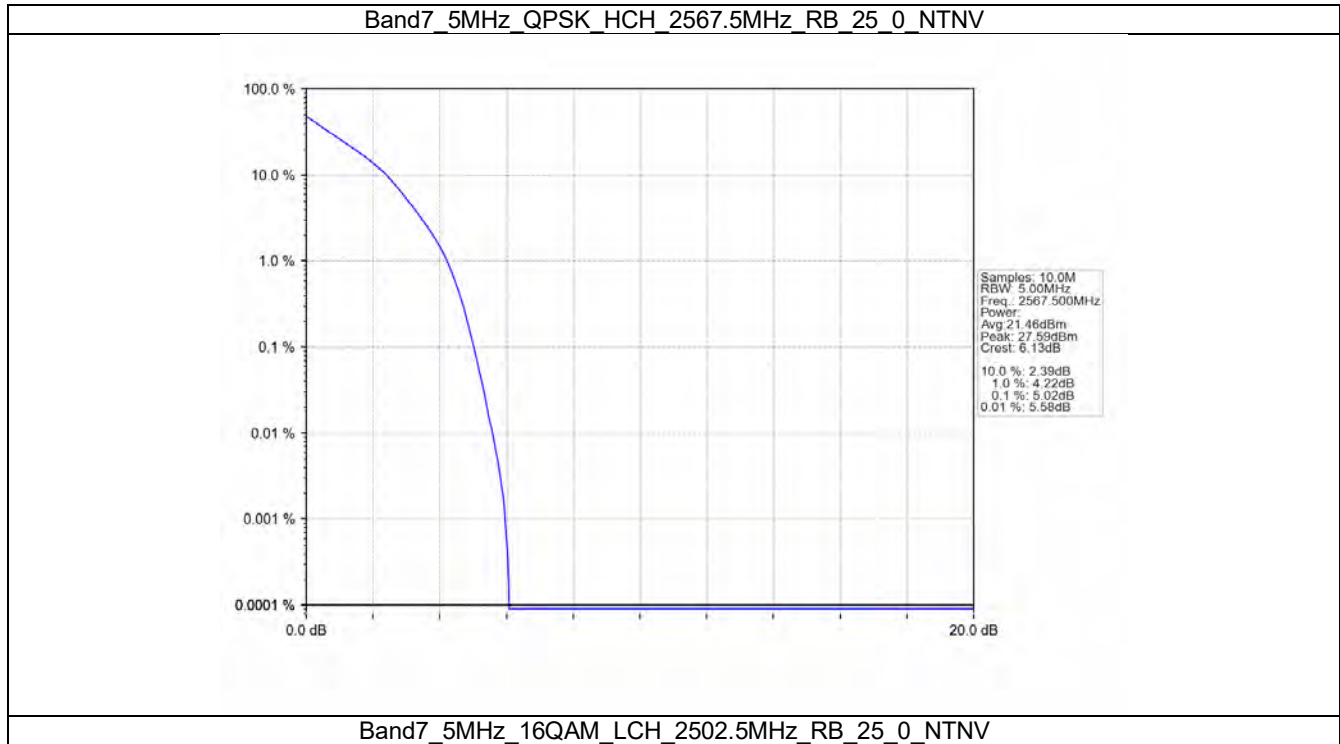


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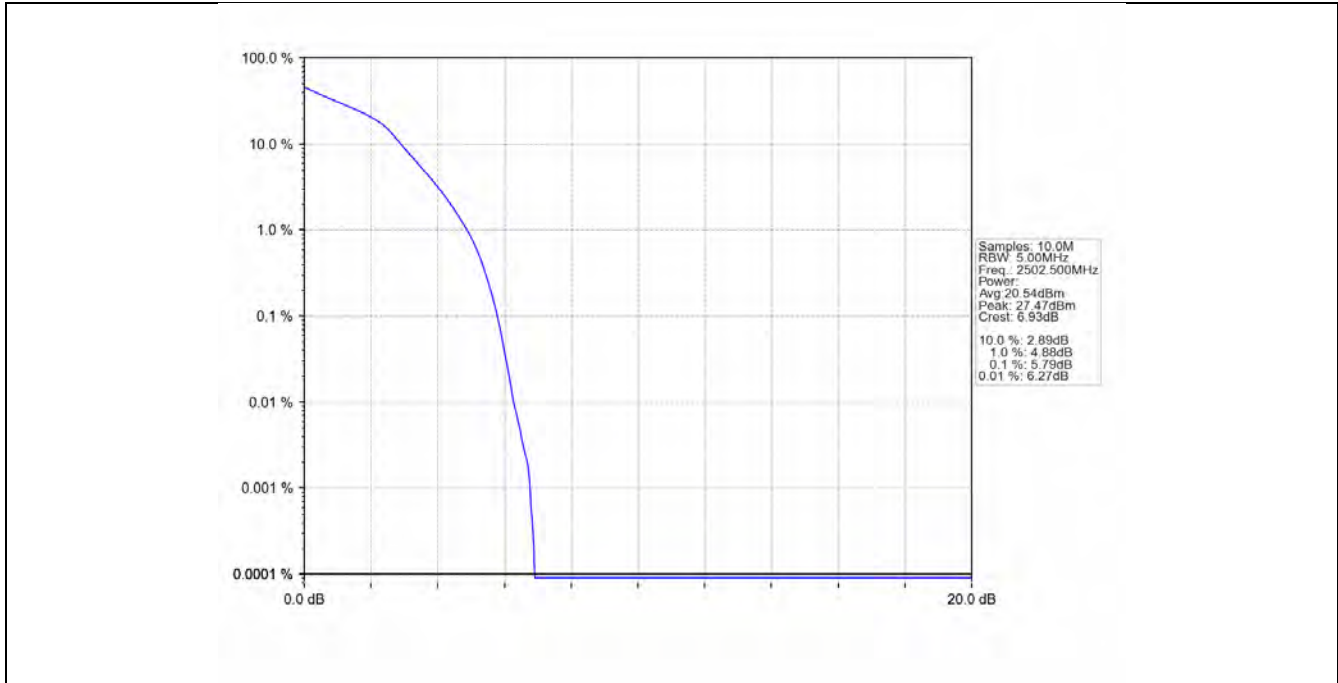


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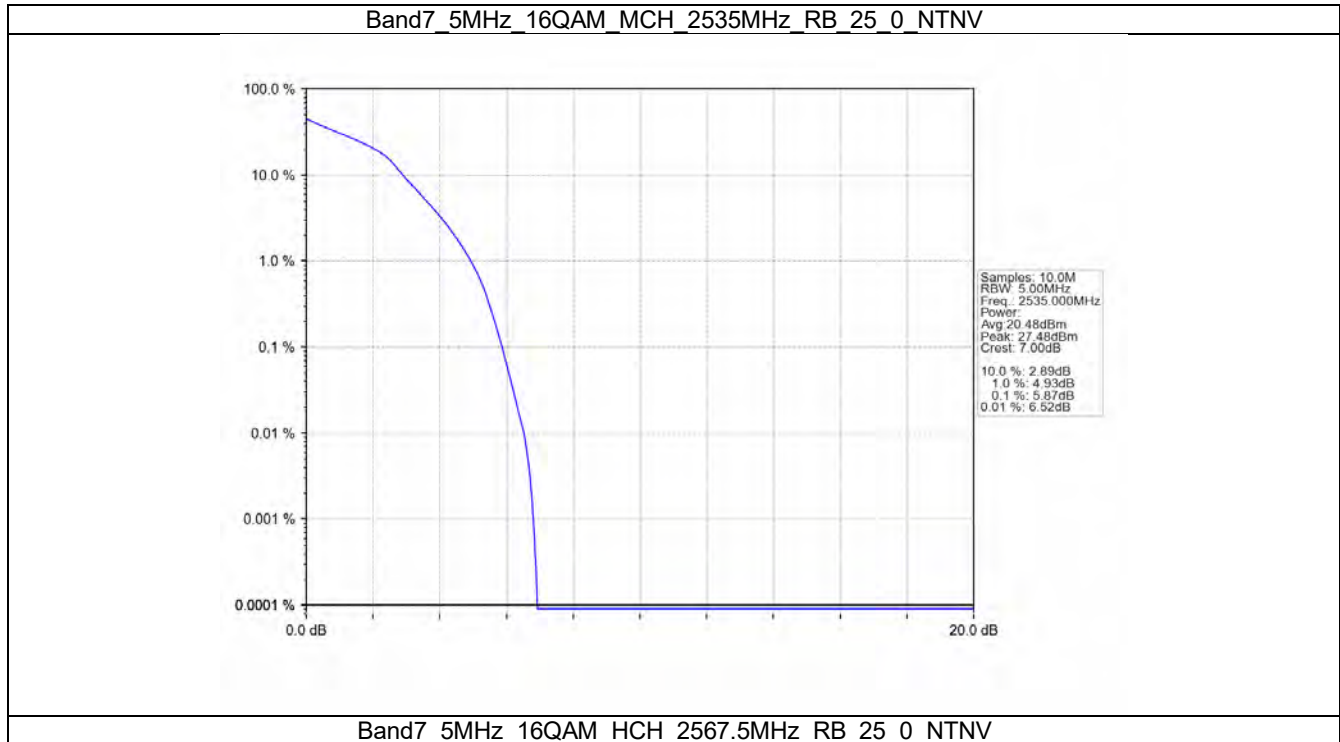


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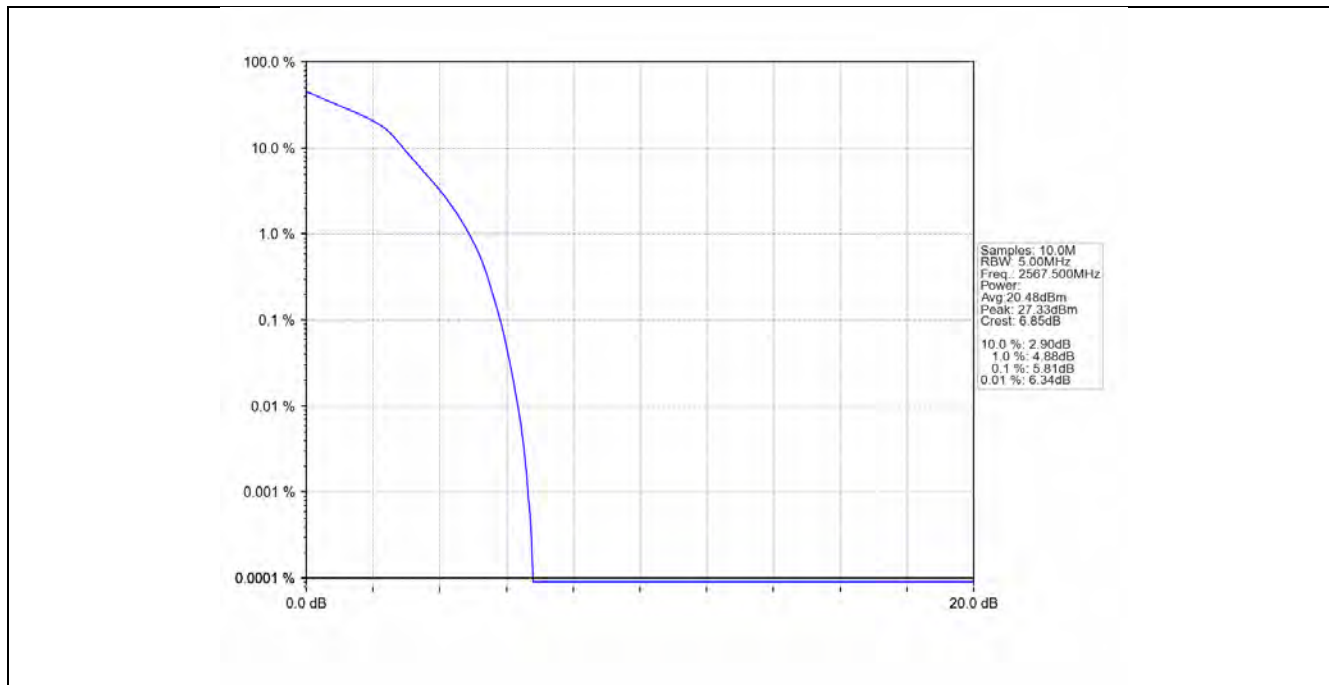
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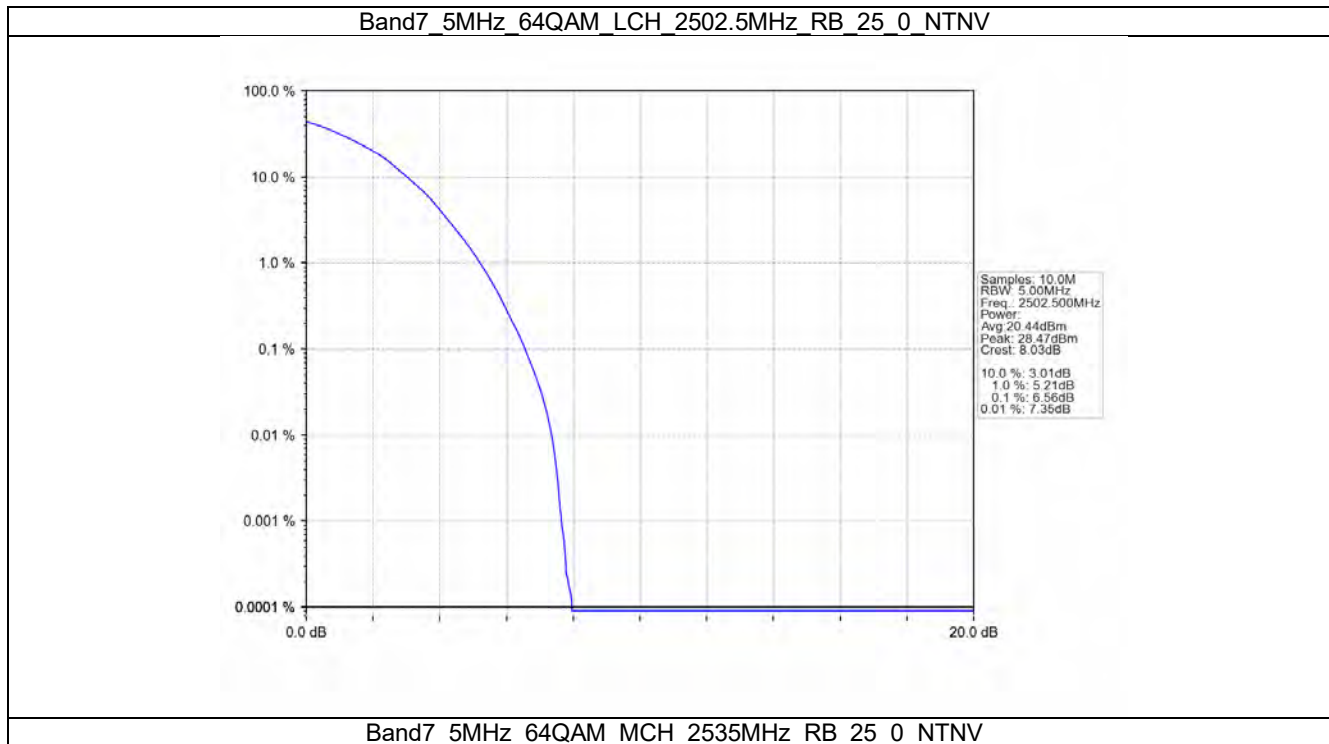
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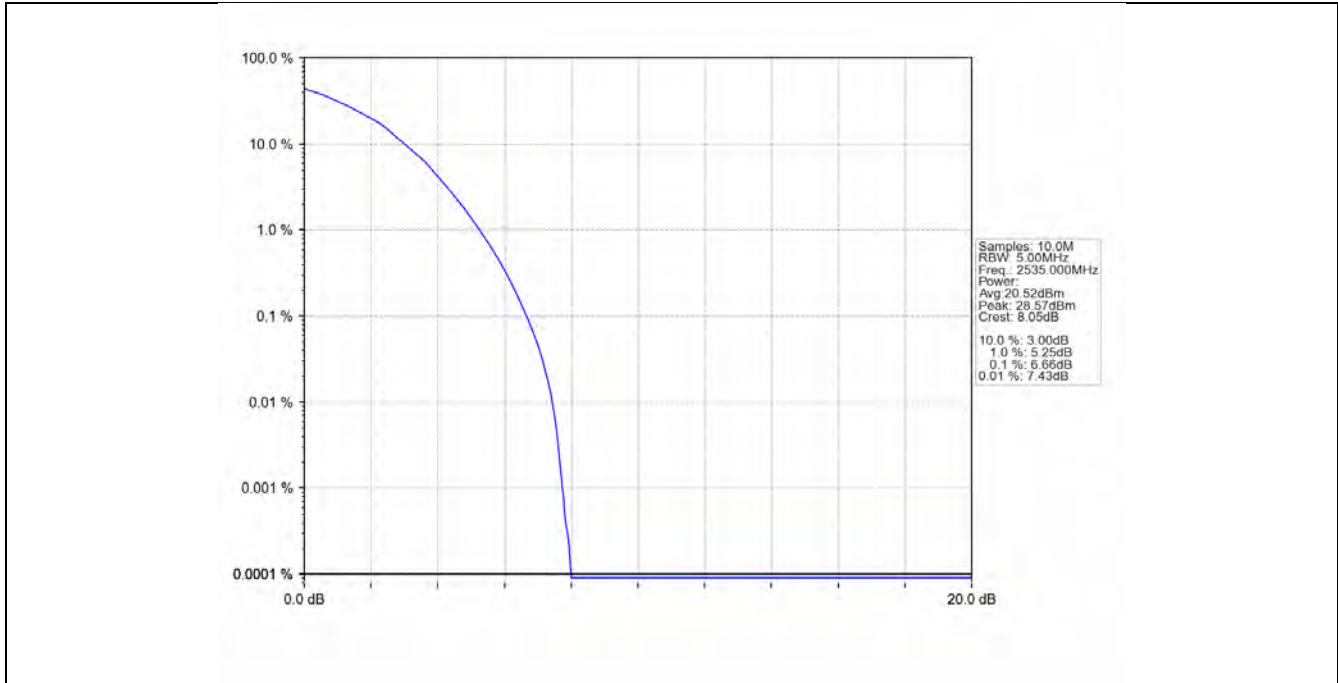


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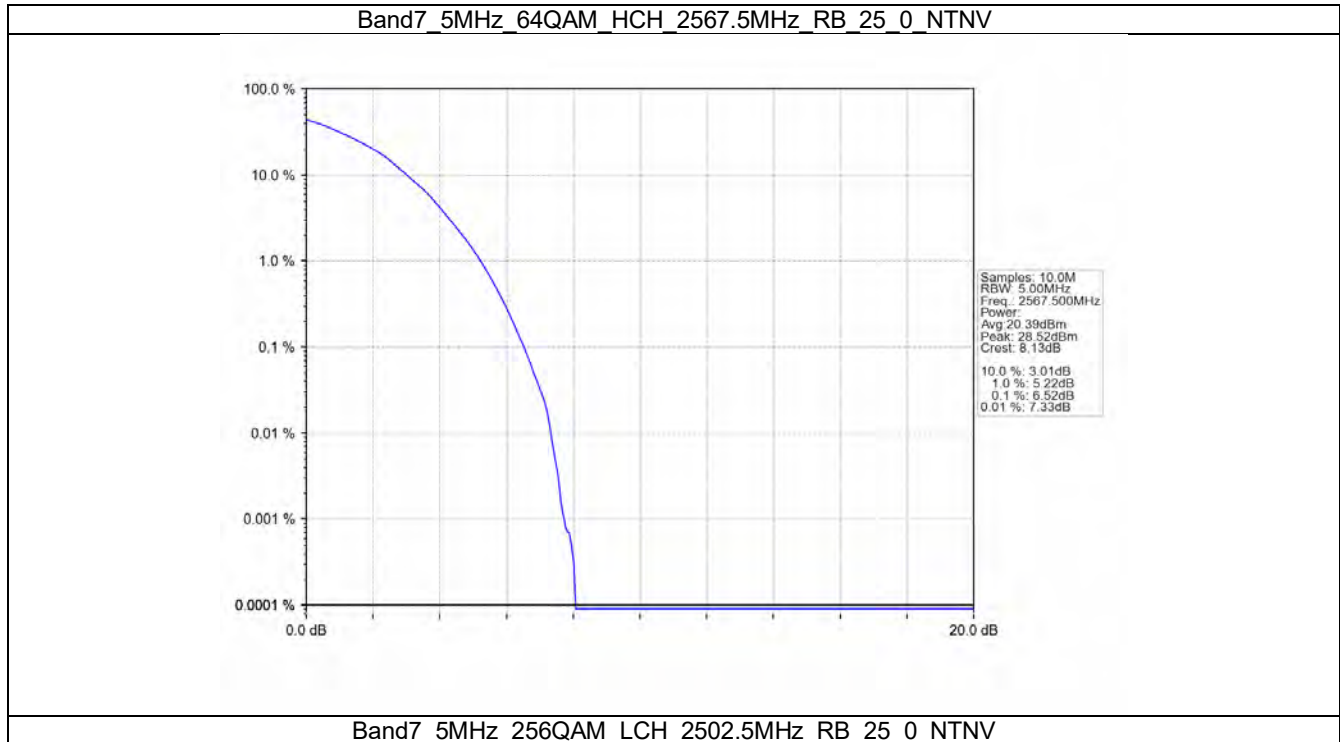


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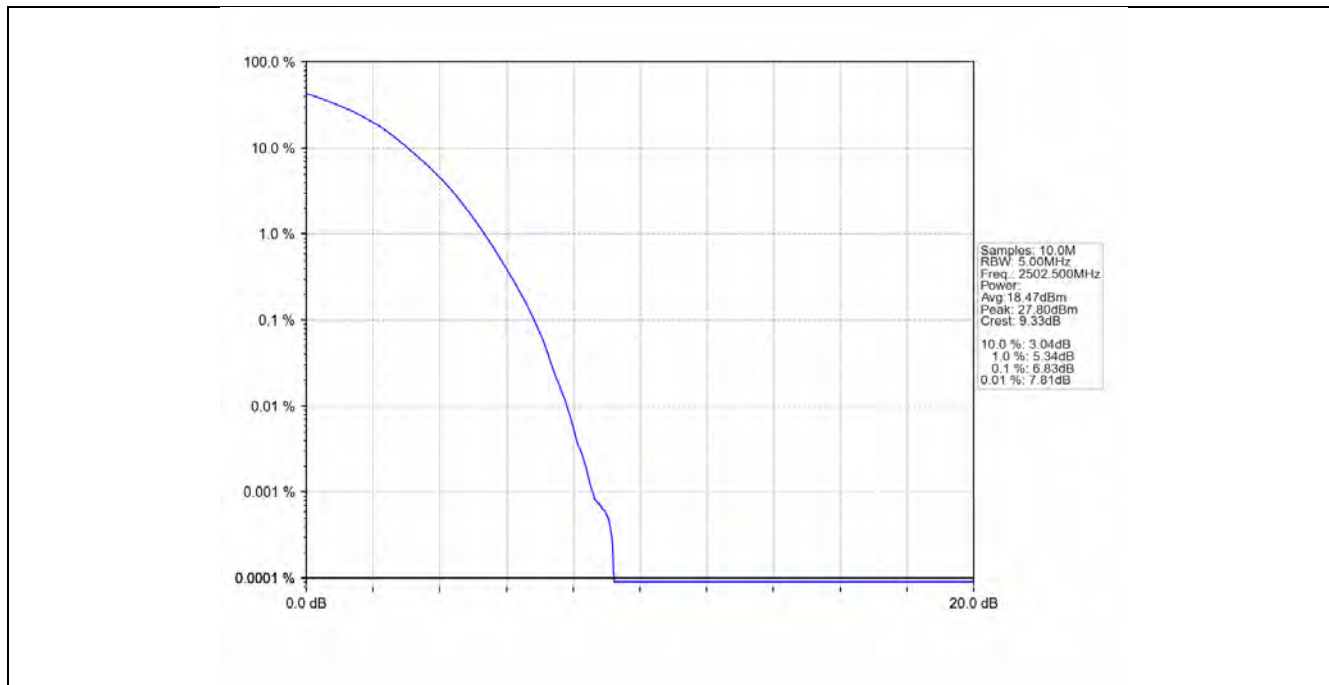
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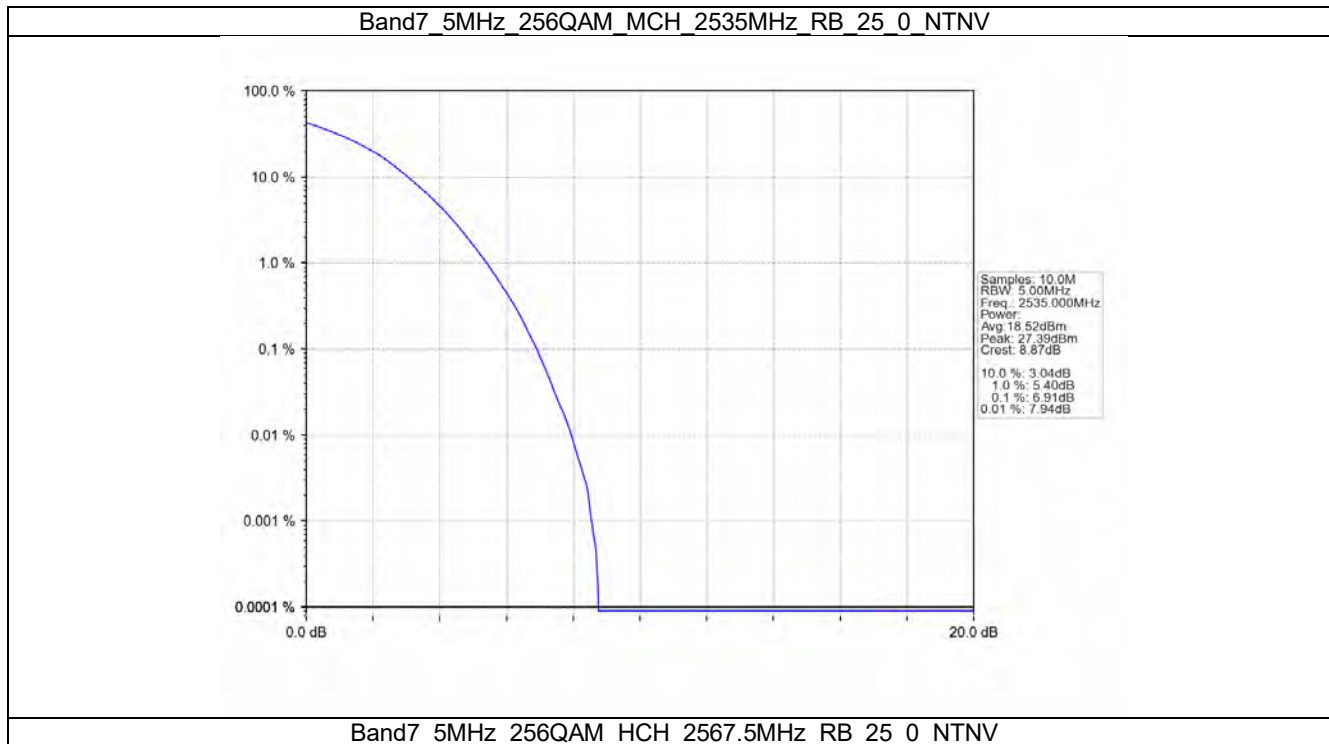
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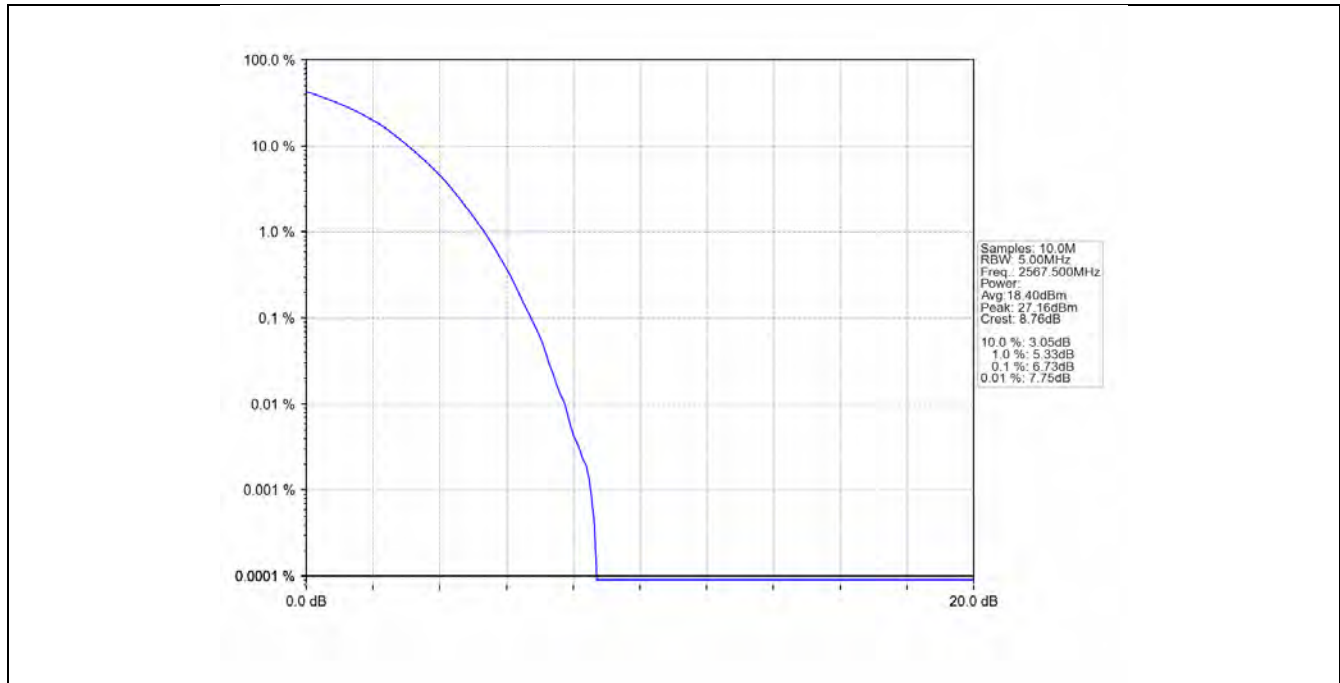


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4.2 B7_10MHz

4.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.04	<=13	Pass
	2535	50	0	5.09	<=13	Pass
	2565	50	0	5.03	<=13	Pass
16QAM	2505	50	0	5.84	<=13	Pass
	2535	50	0	5.90	<=13	Pass
	2565	50	0	5.75	<=13	Pass
64QAM	2505	50	0	6.51	<=13	Pass
	2535	50	0	6.61	<=13	Pass
	2565	50	0	6.51	<=13	Pass
256QAM	2505	50	0	6.78	<=13	Pass
	2535	50	0	6.77	<=13	Pass
	2565	50	0	6.83	<=13	Pass



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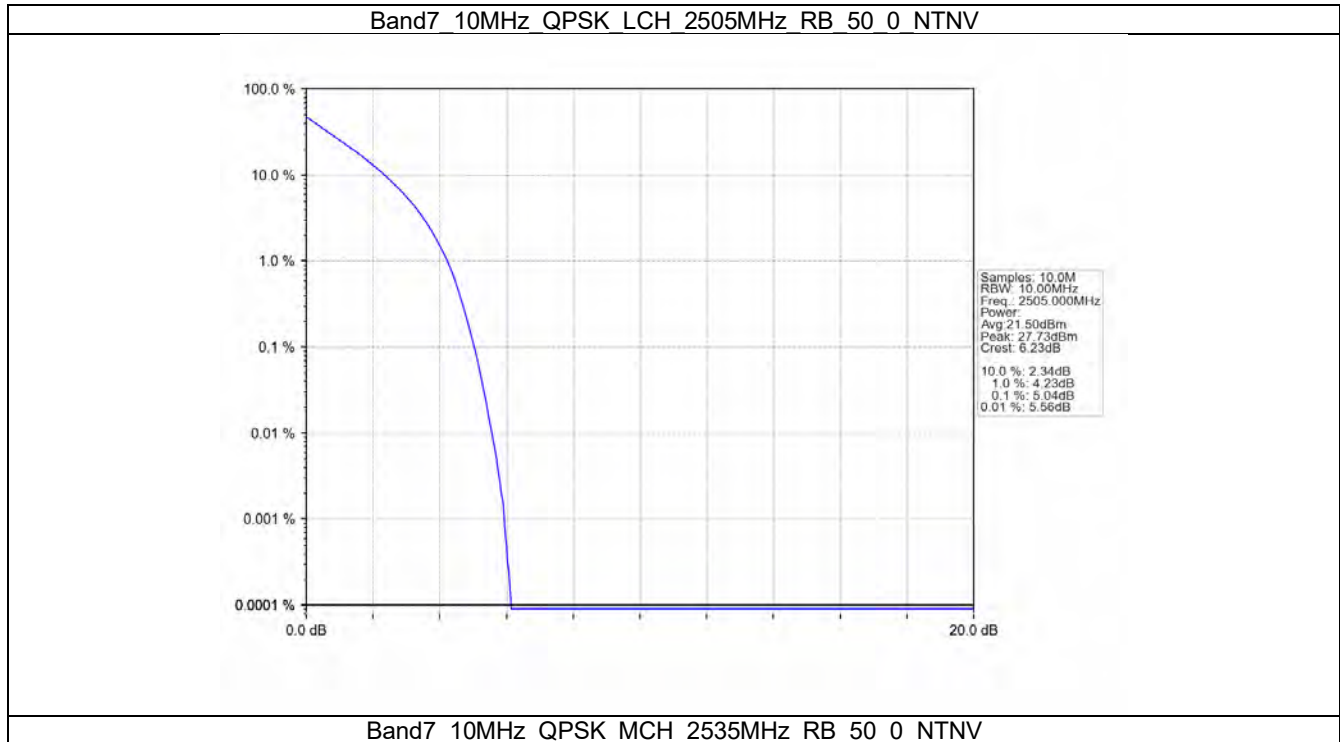
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4.2.2 Test Graph



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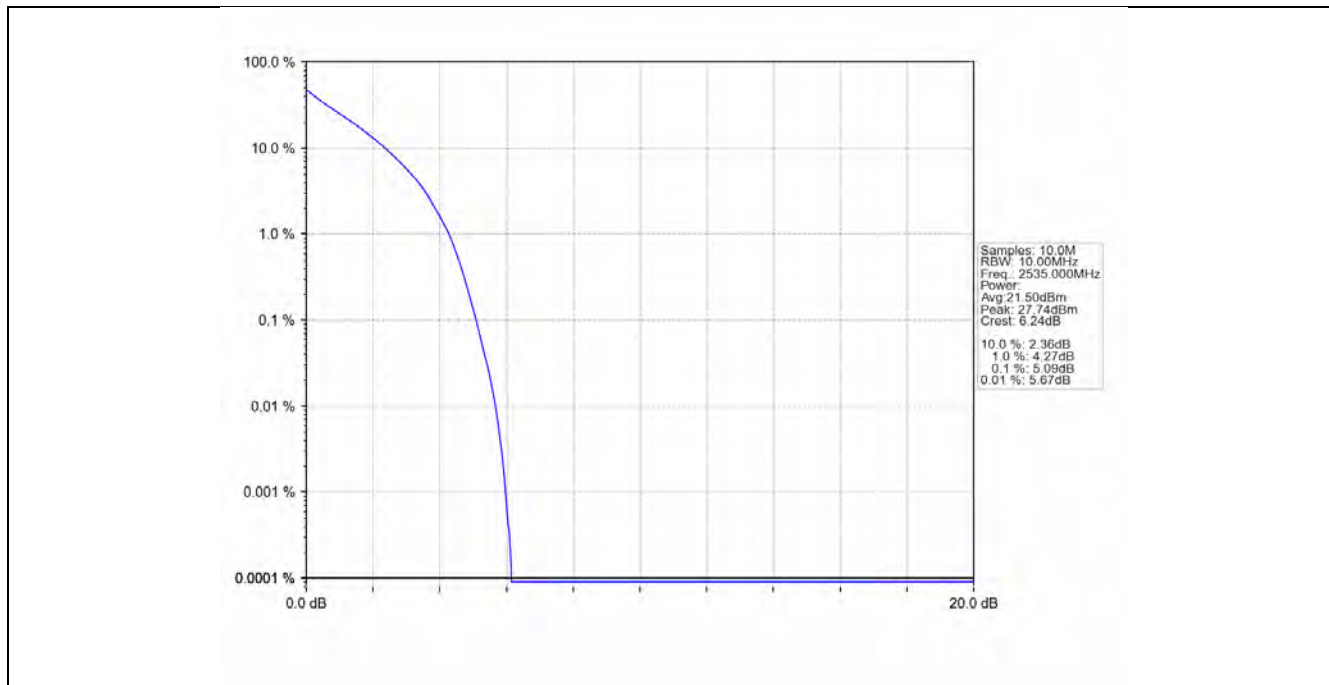
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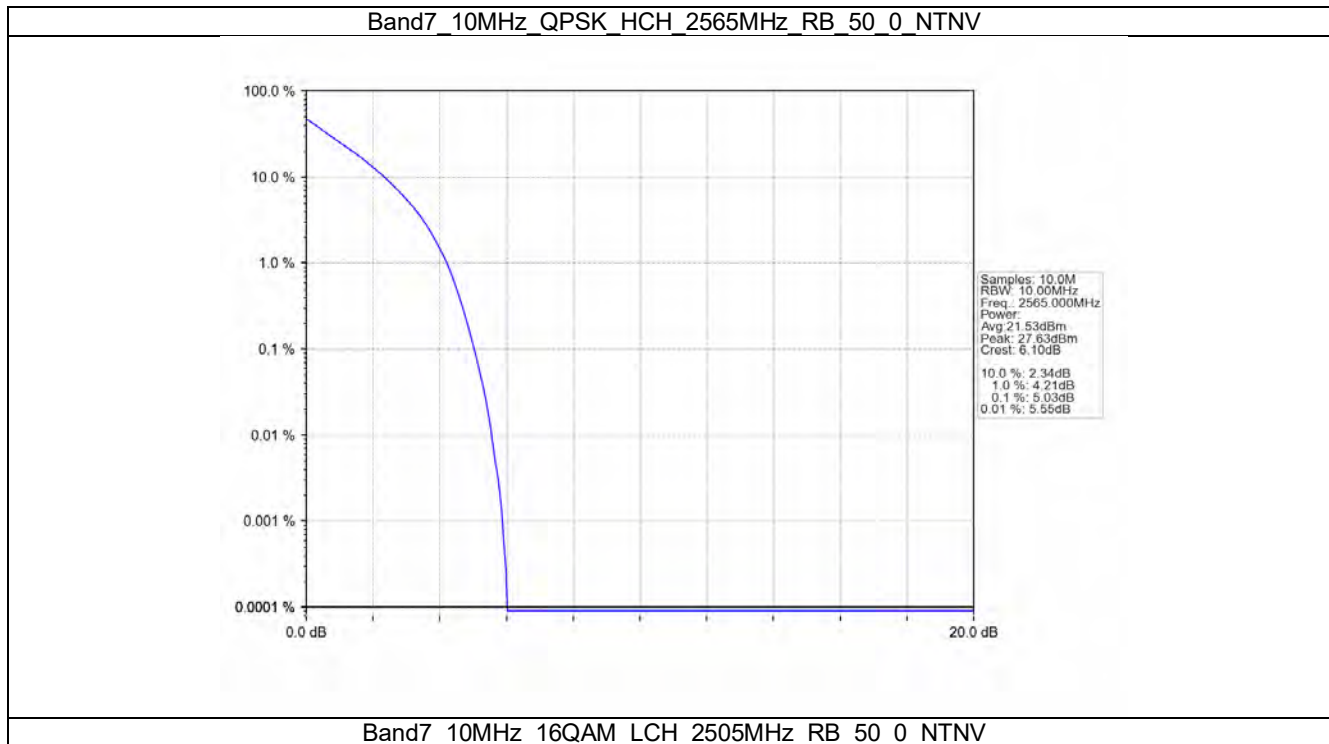
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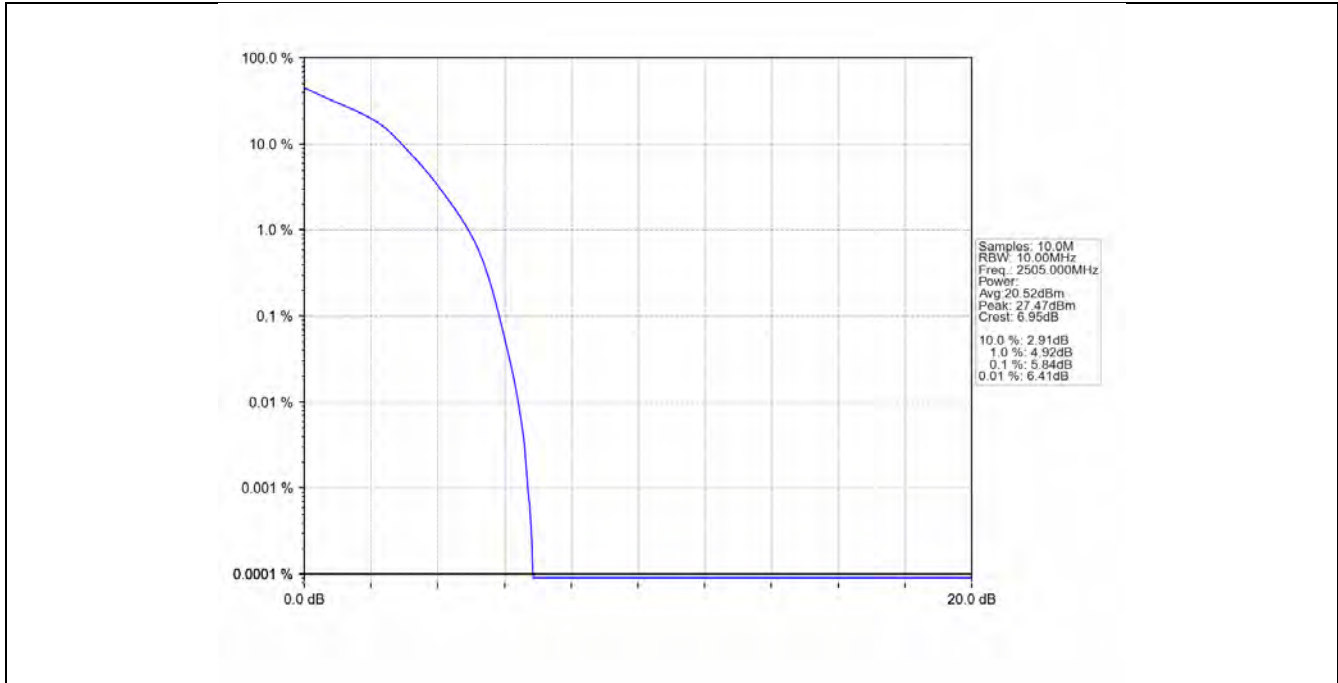


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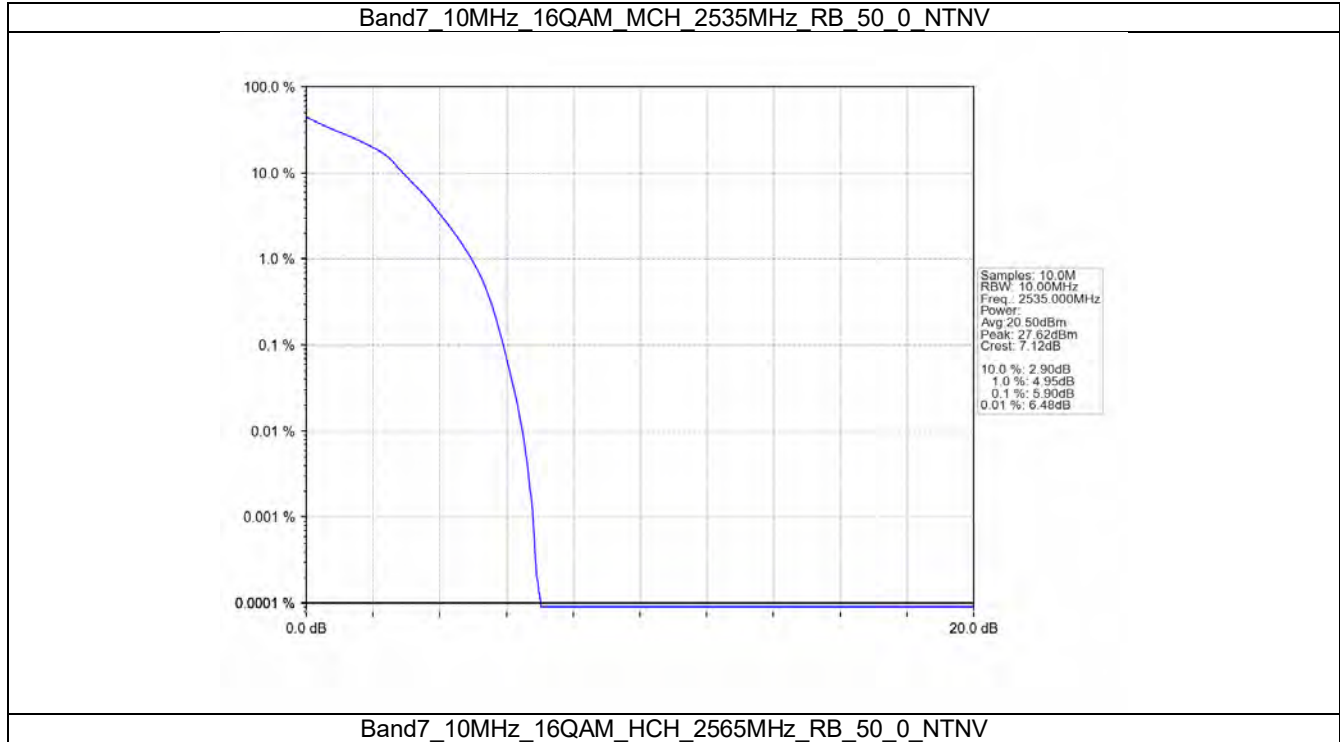
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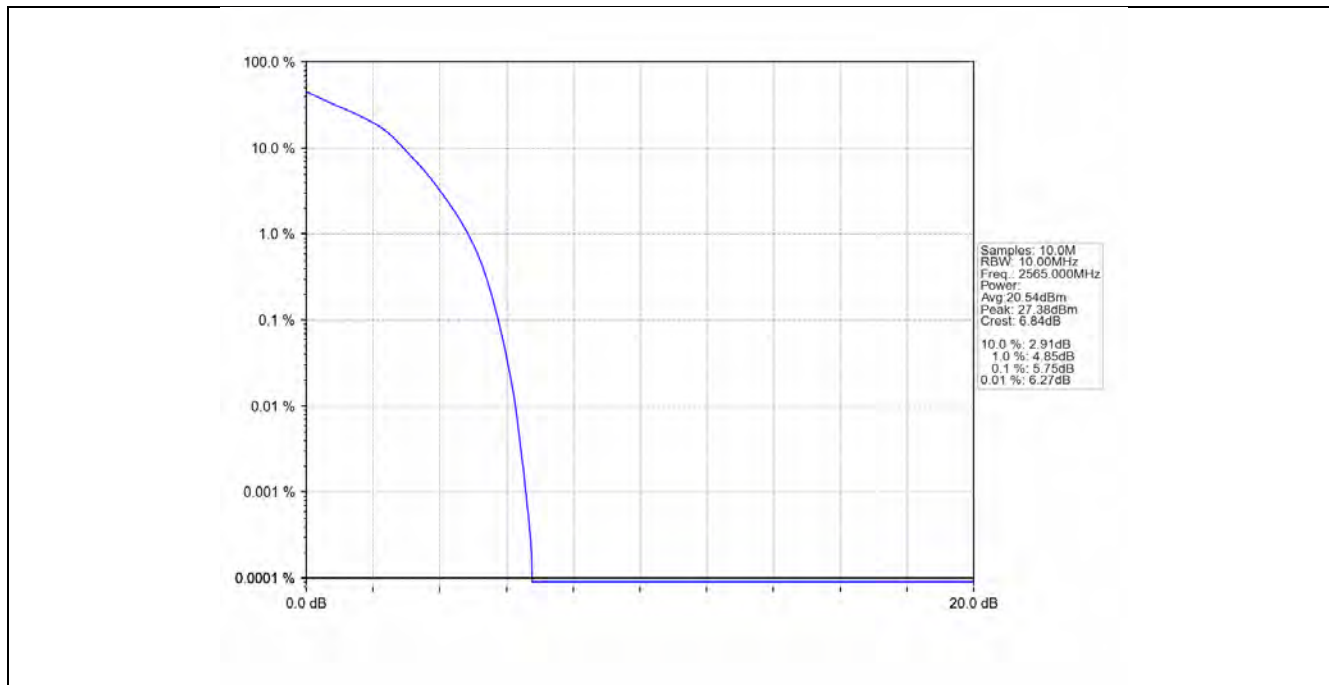
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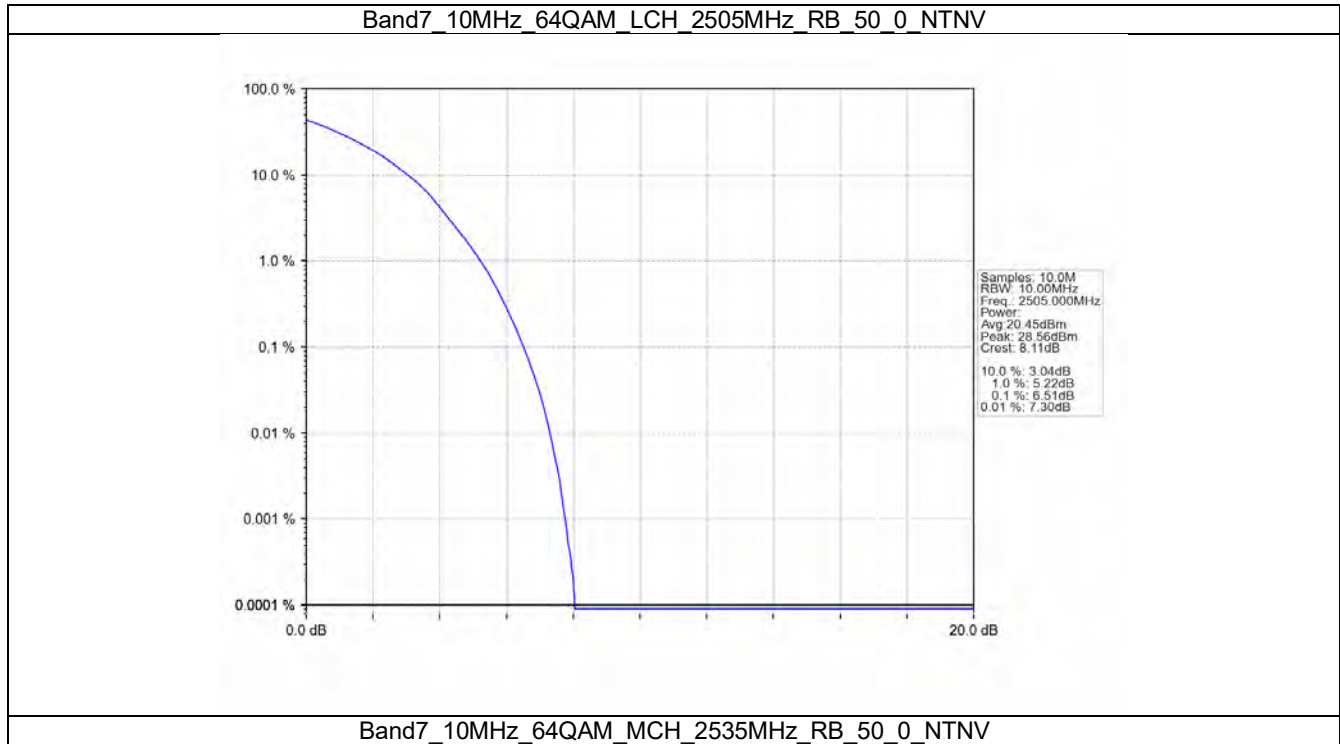


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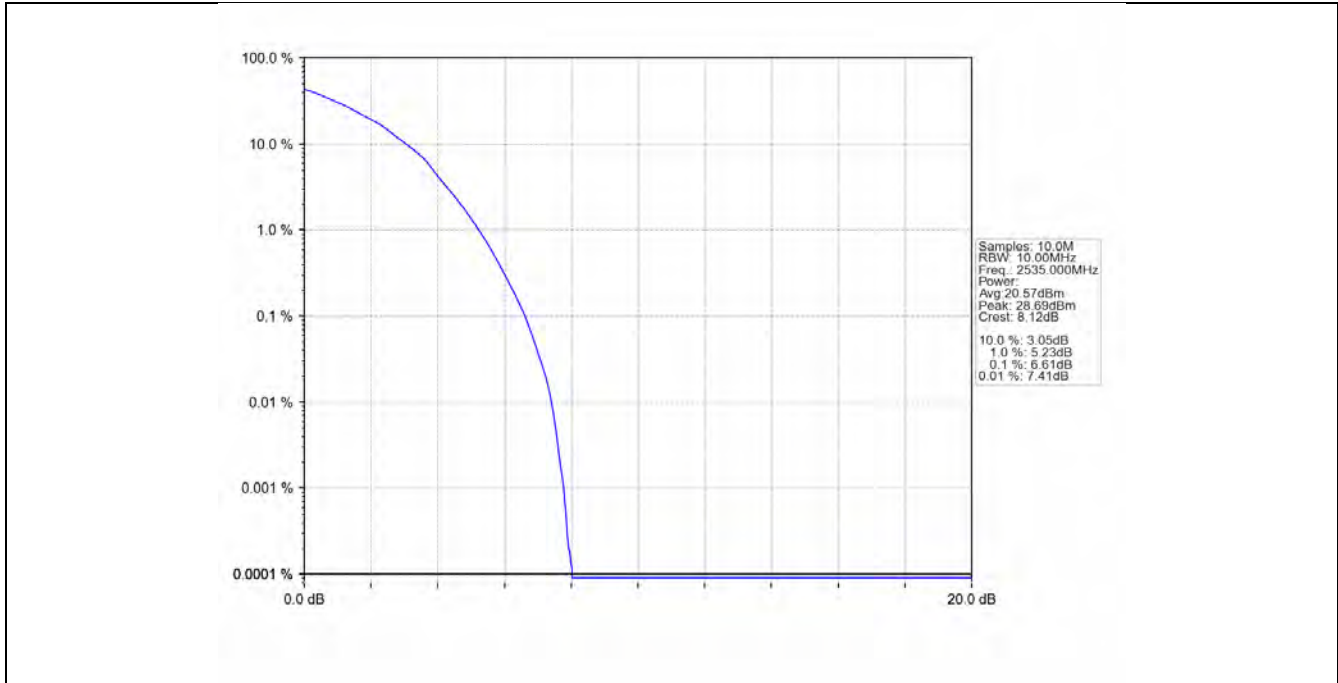


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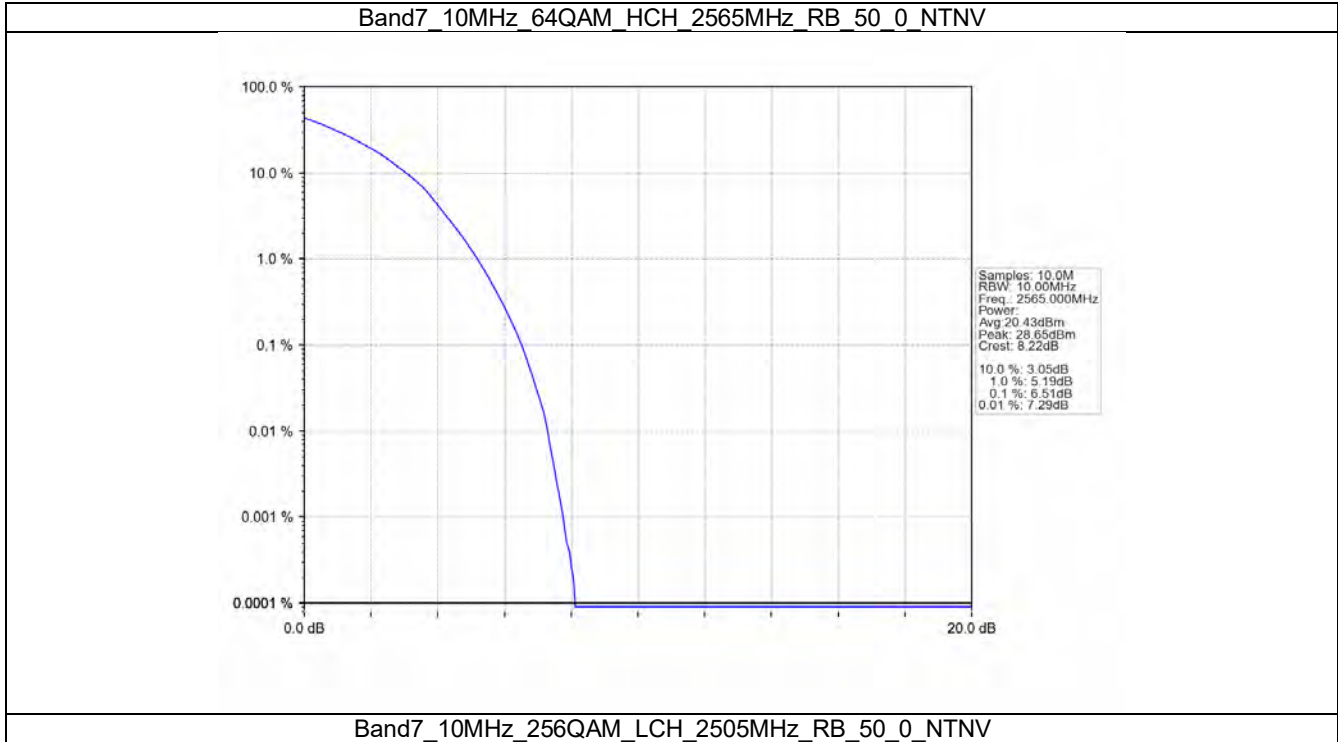


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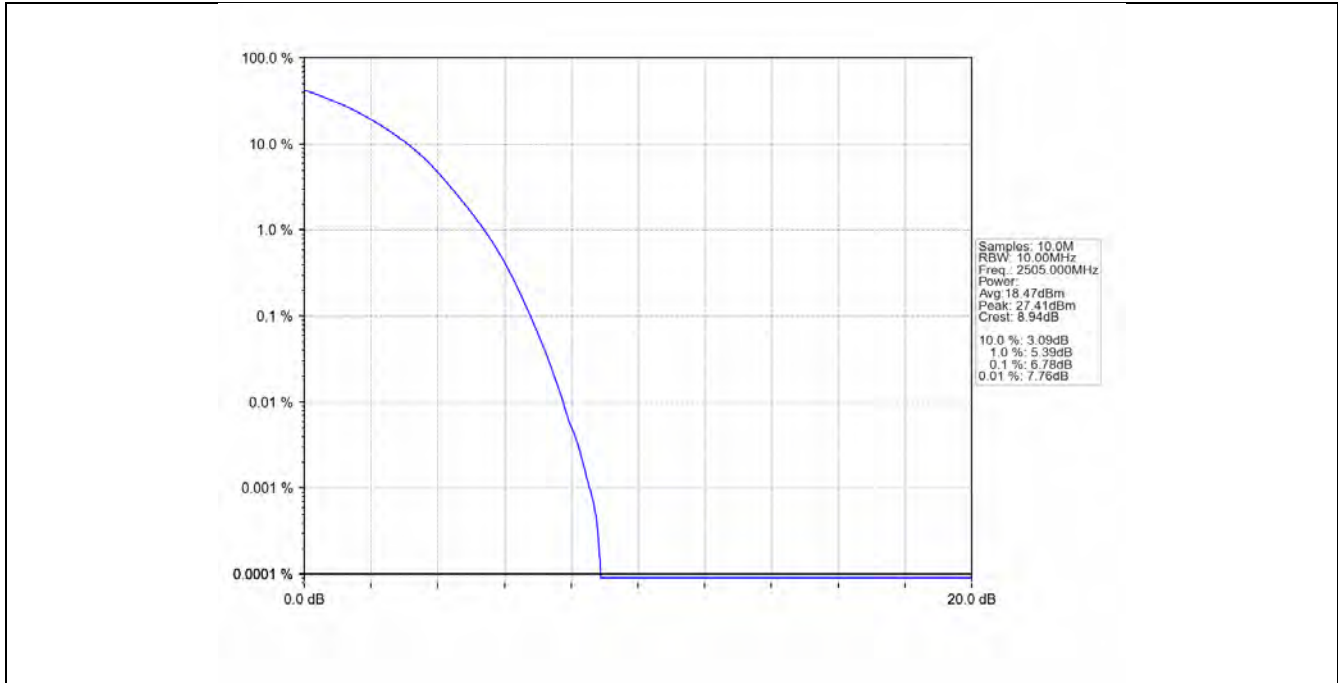


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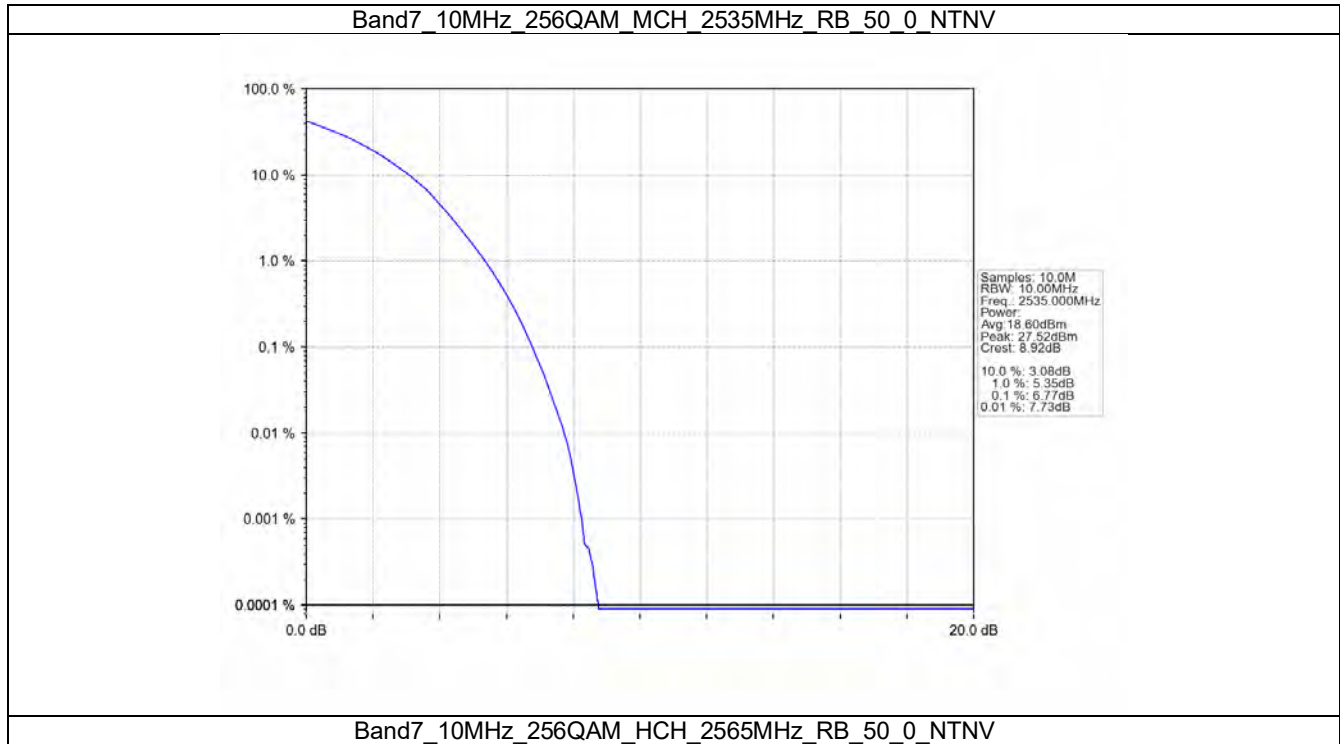


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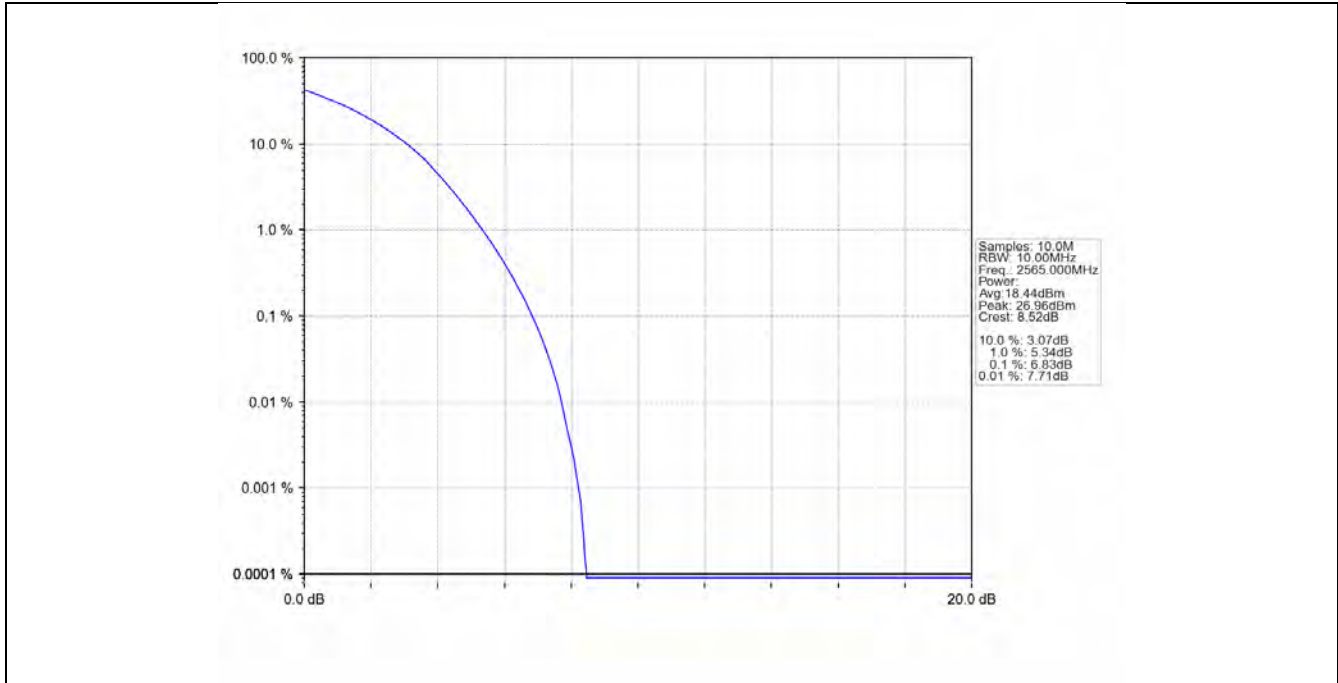


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4.3 B7_15MHz

4.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.12	<=13	Pass
	2535	75	0	5.22	<=13	Pass
	2562.5	75	0	5.14	<=13	Pass
16QAM	2507.5	75	0	5.84	<=13	Pass
	2535	75	0	5.94	<=13	Pass
	2562.5	75	0	5.89	<=13	Pass
64QAM	2507.5	75	0	6.51	<=13	Pass
	2535	75	0	6.59	<=13	Pass
	2562.5	75	0	6.54	<=13	Pass
256QAM	2507.5	75	0	6.76	<=13	Pass
	2535	75	0	6.81	<=13	Pass
	2562.5	75	0	6.76	<=13	Pass



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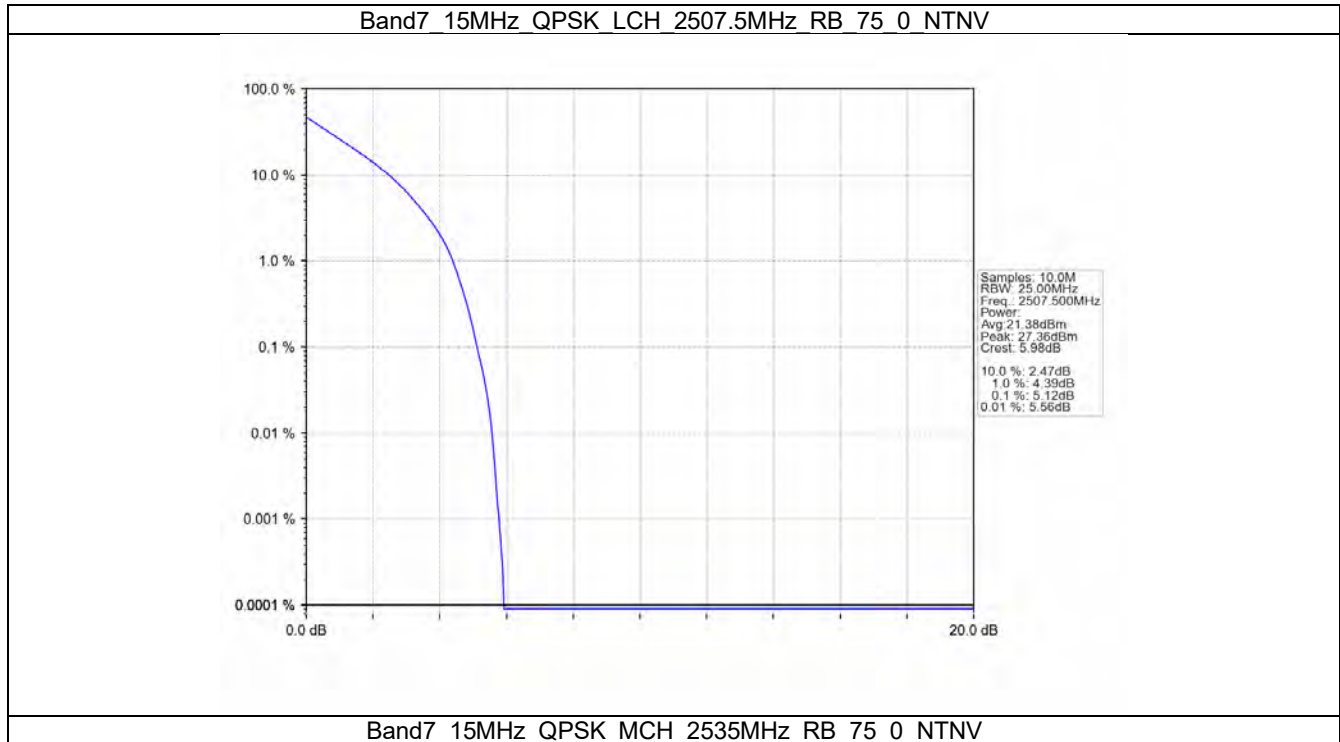
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4.3.2 Test Graph



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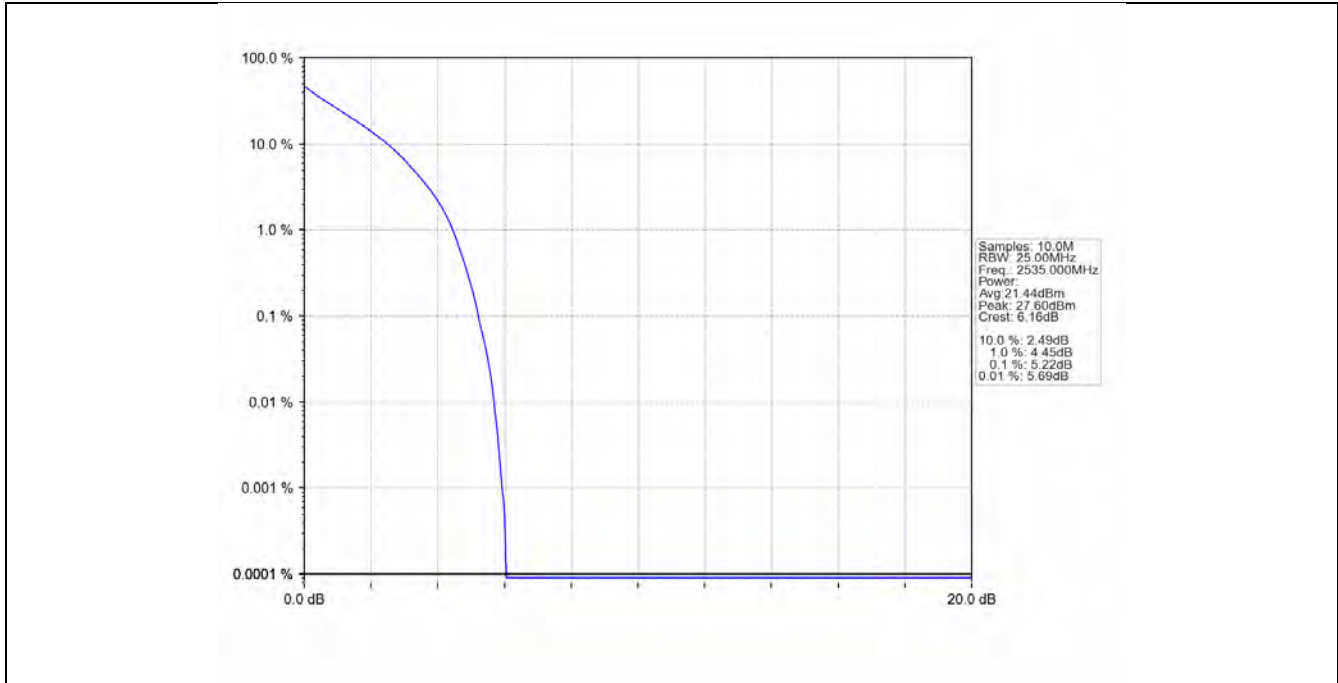


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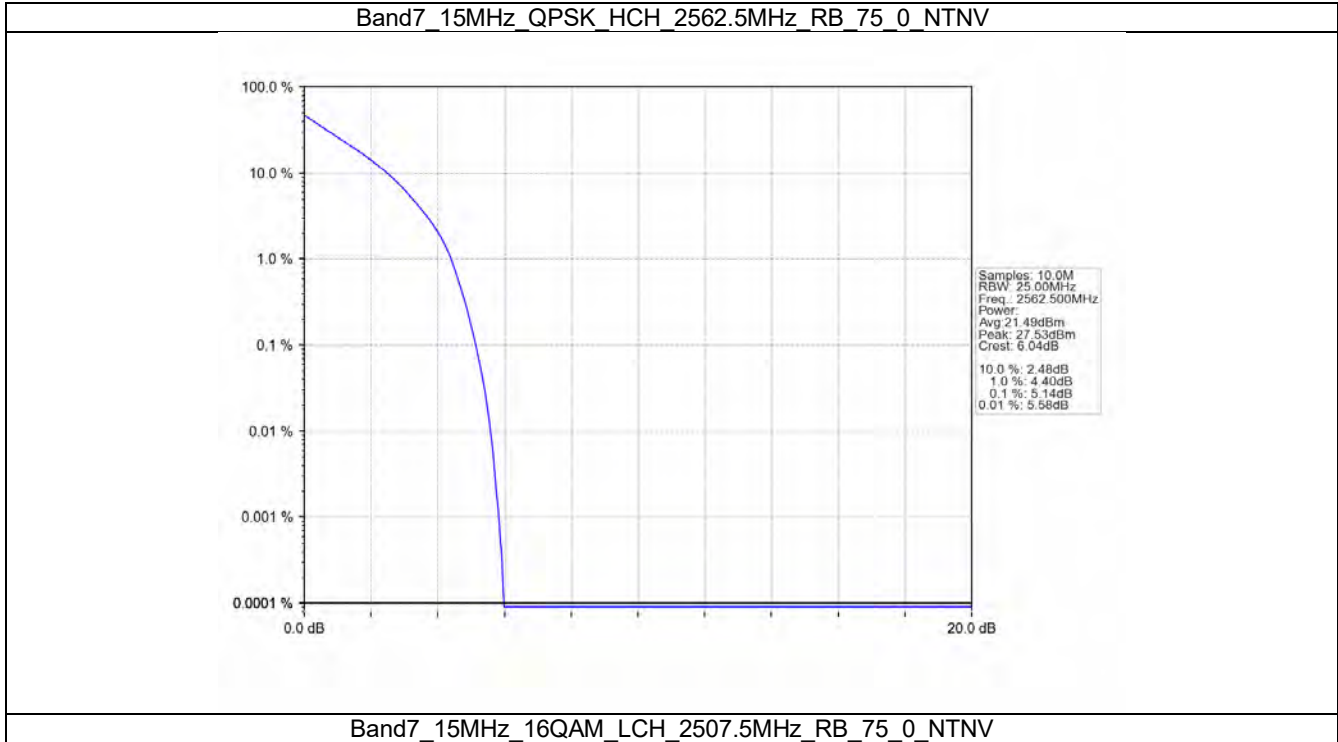


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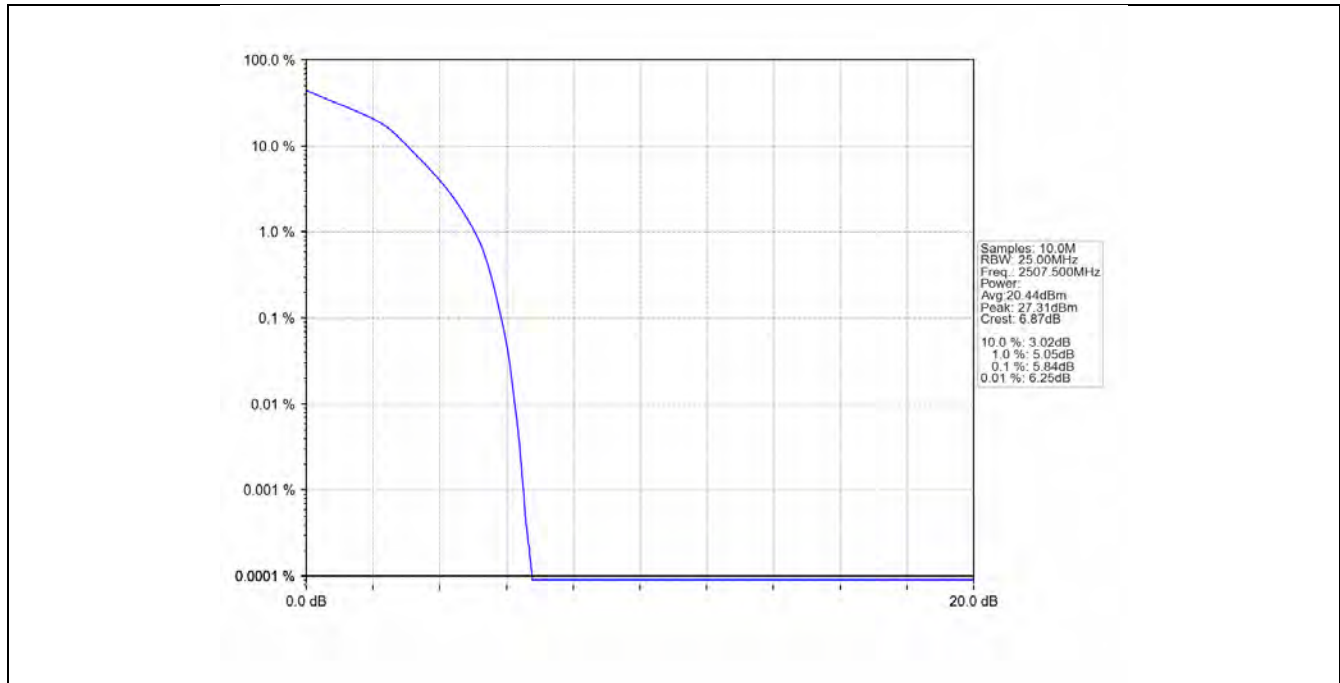


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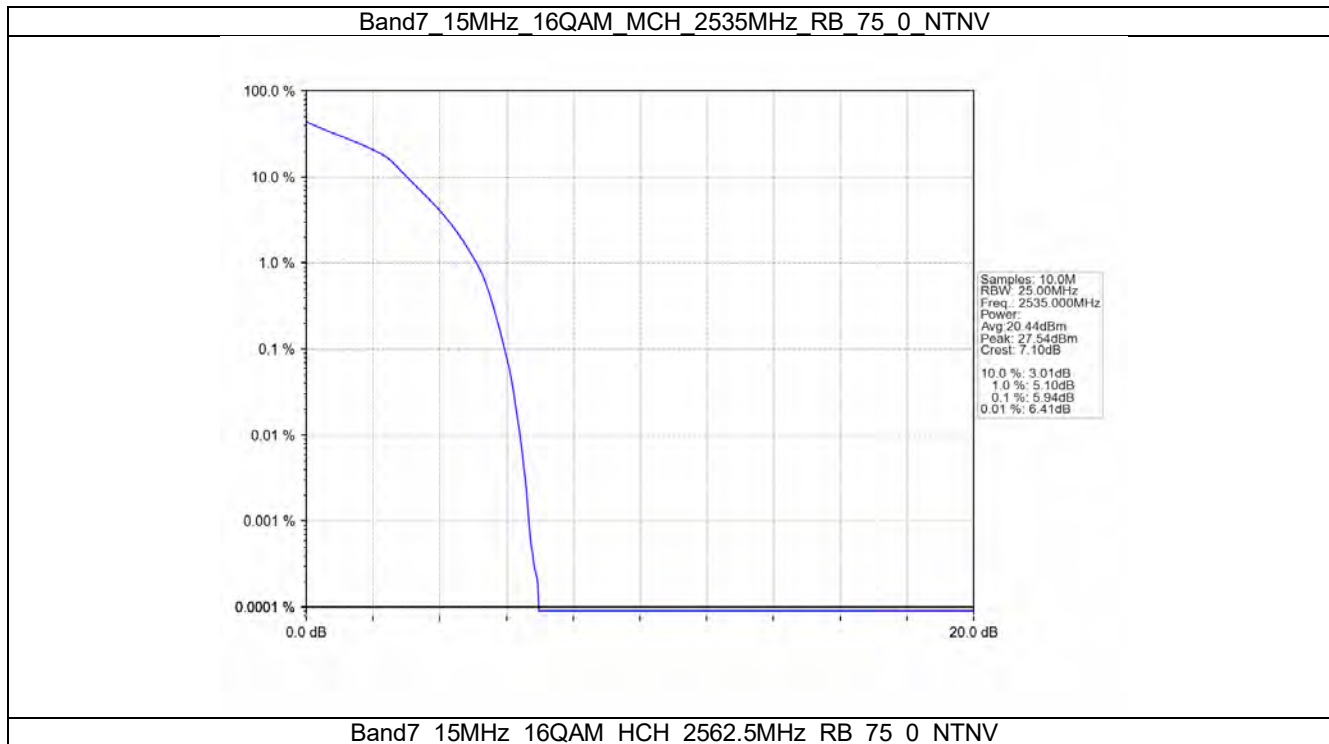
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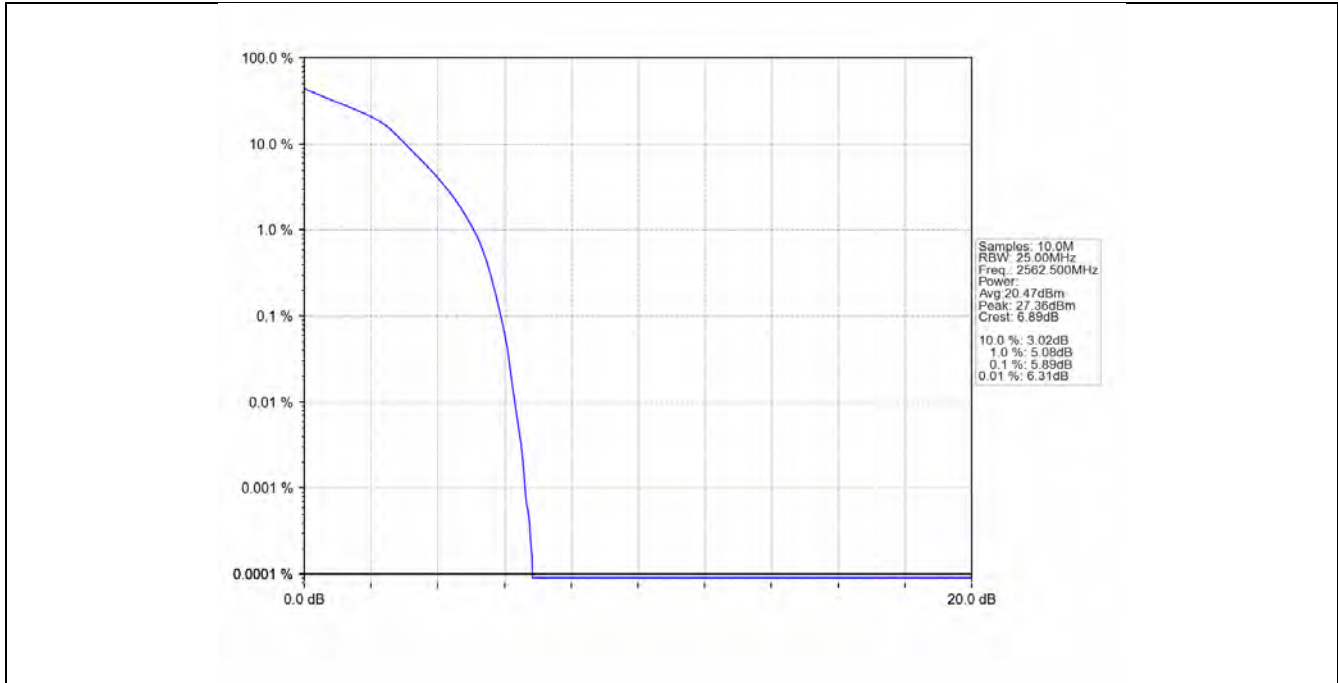


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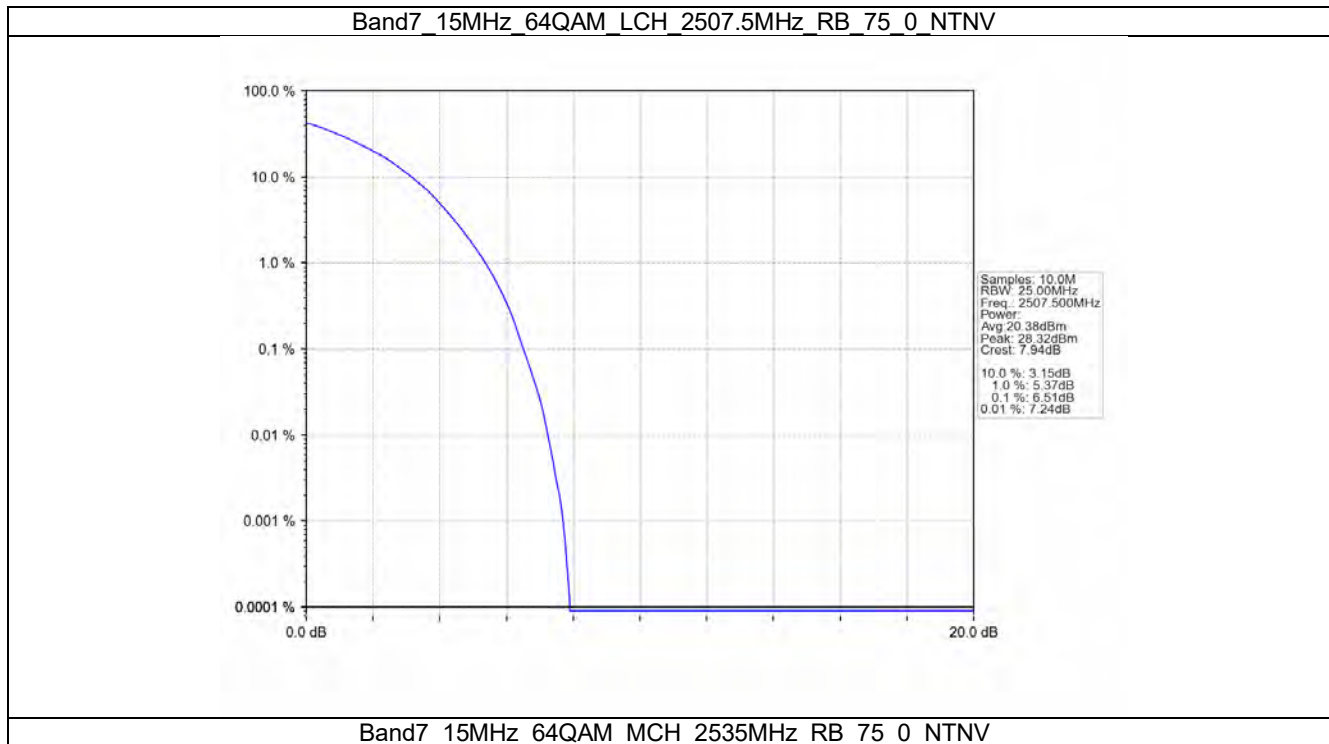
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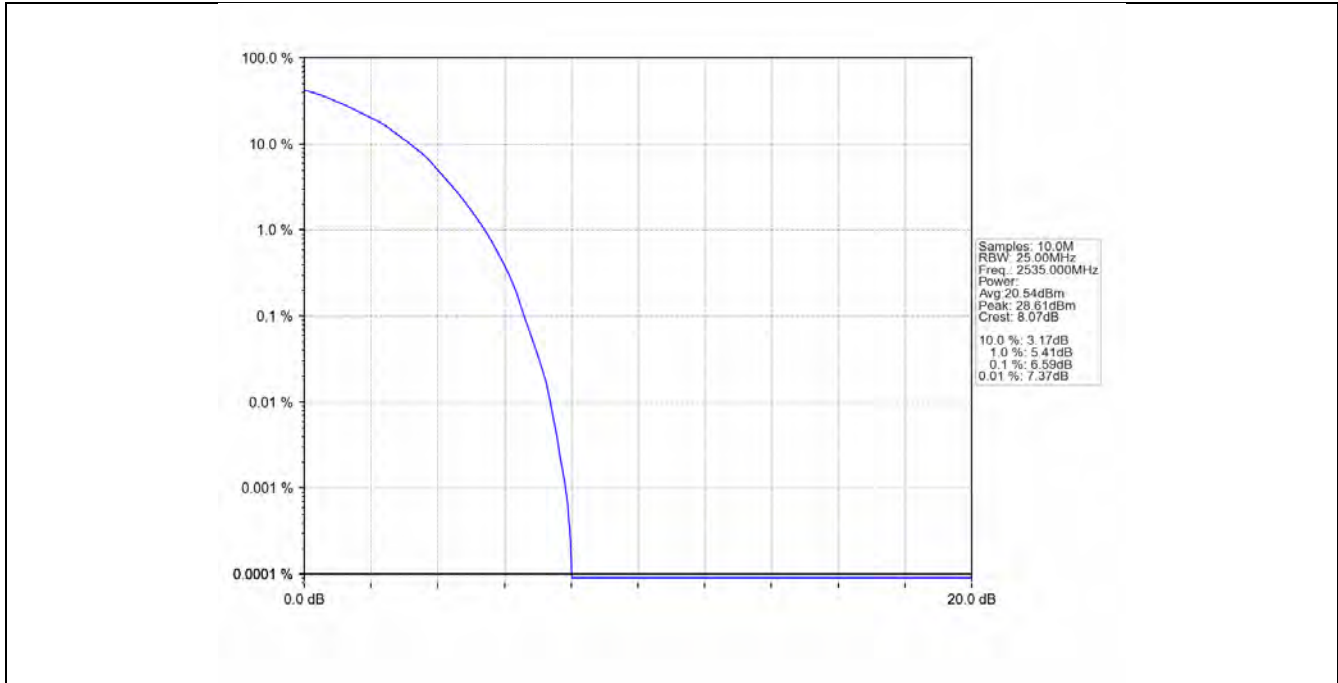


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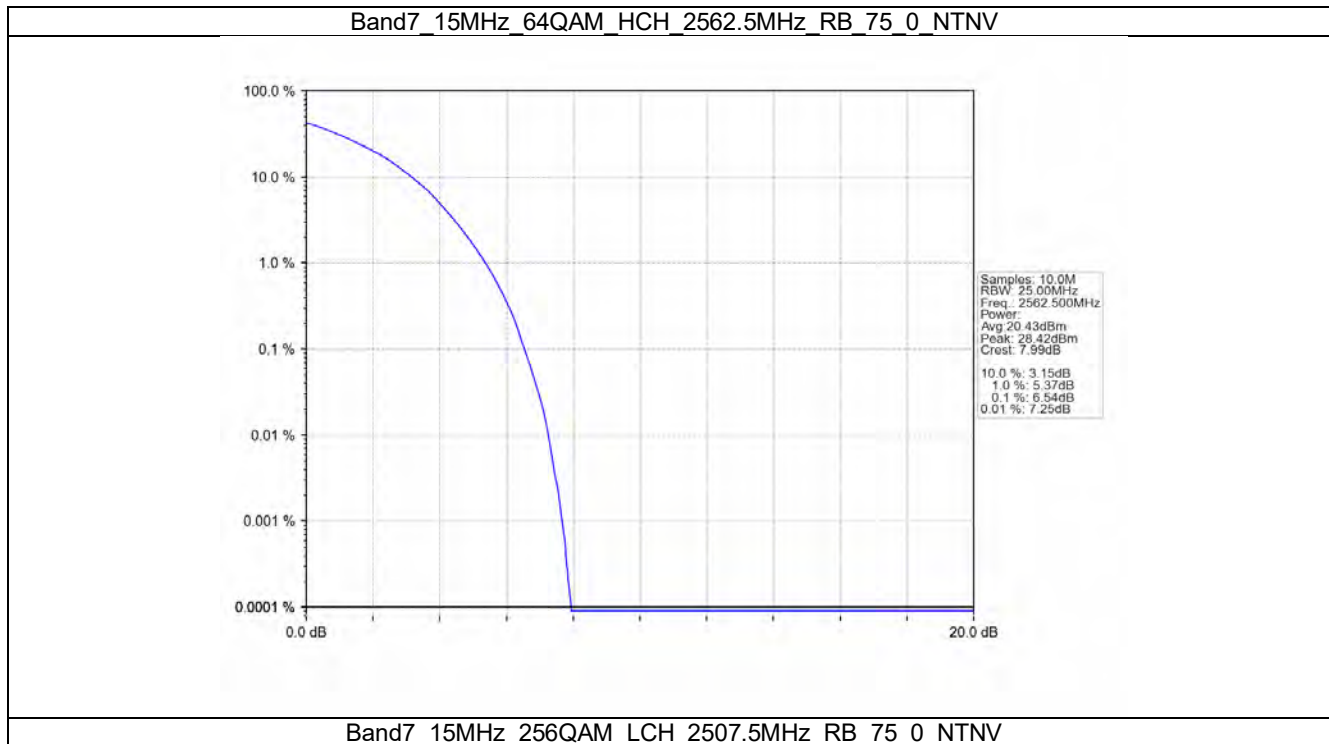
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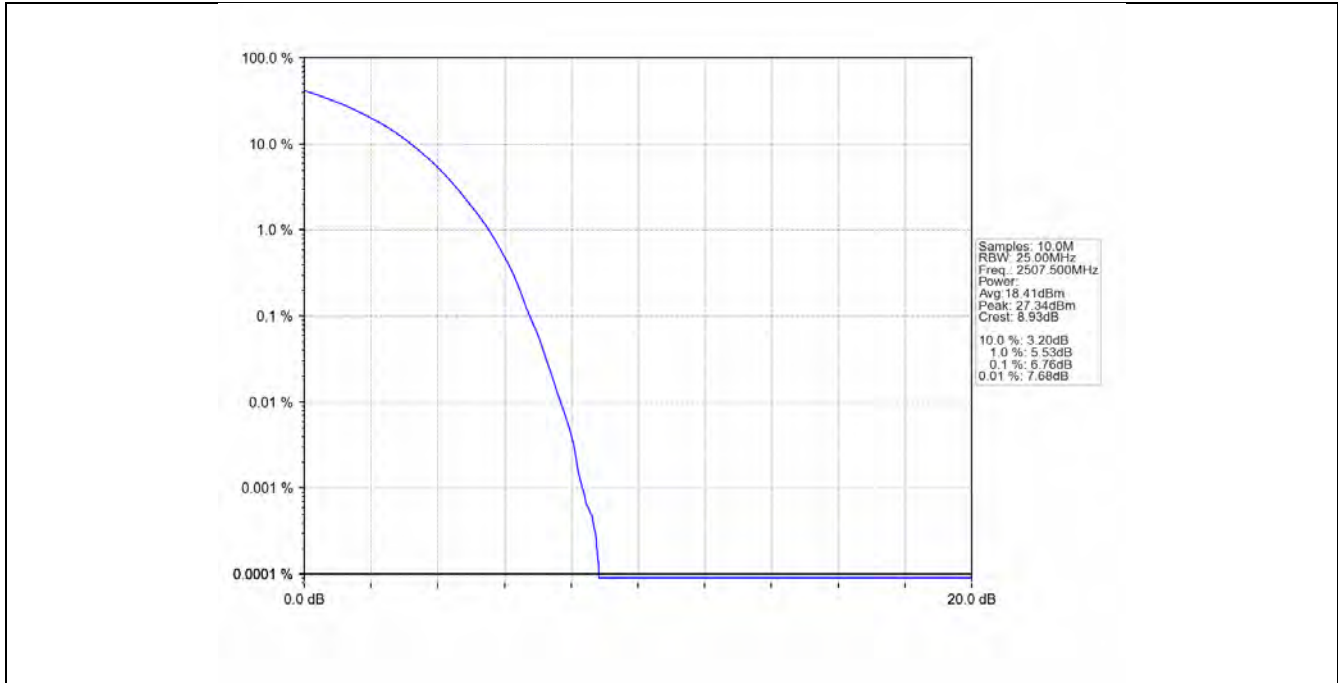


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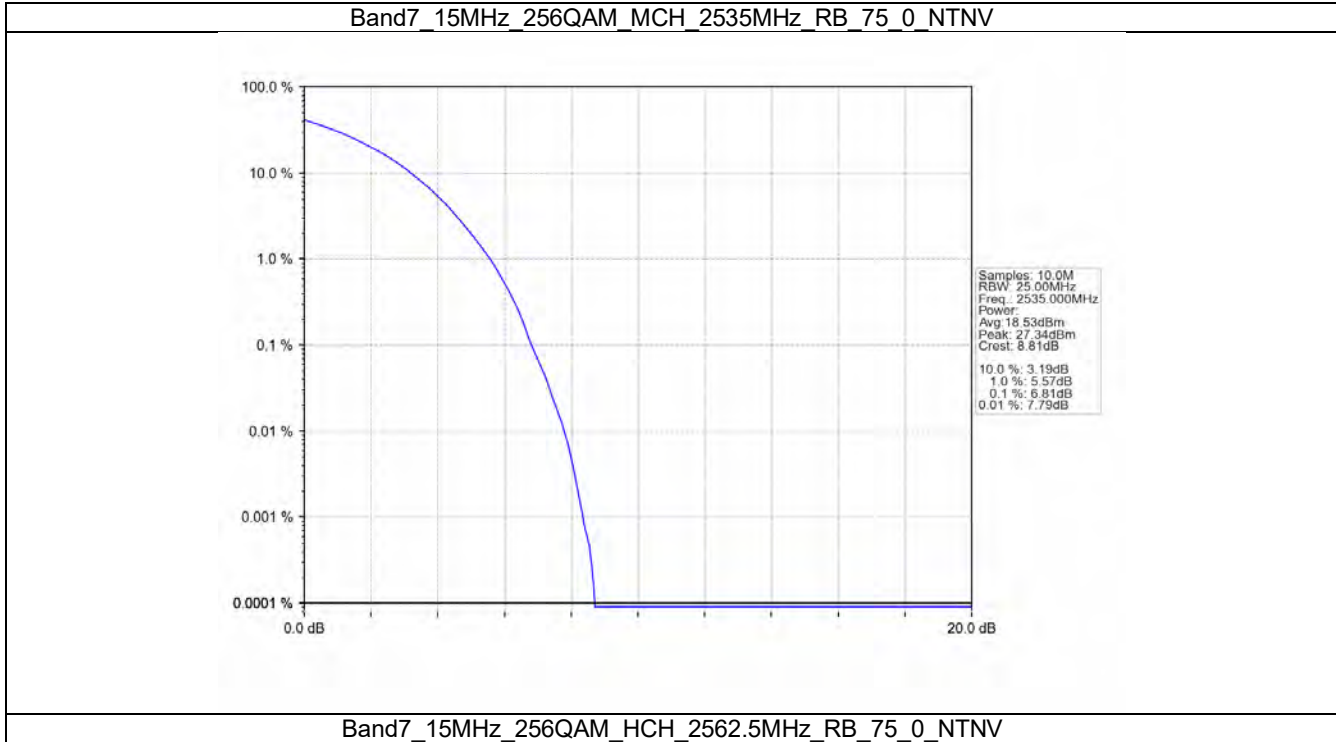


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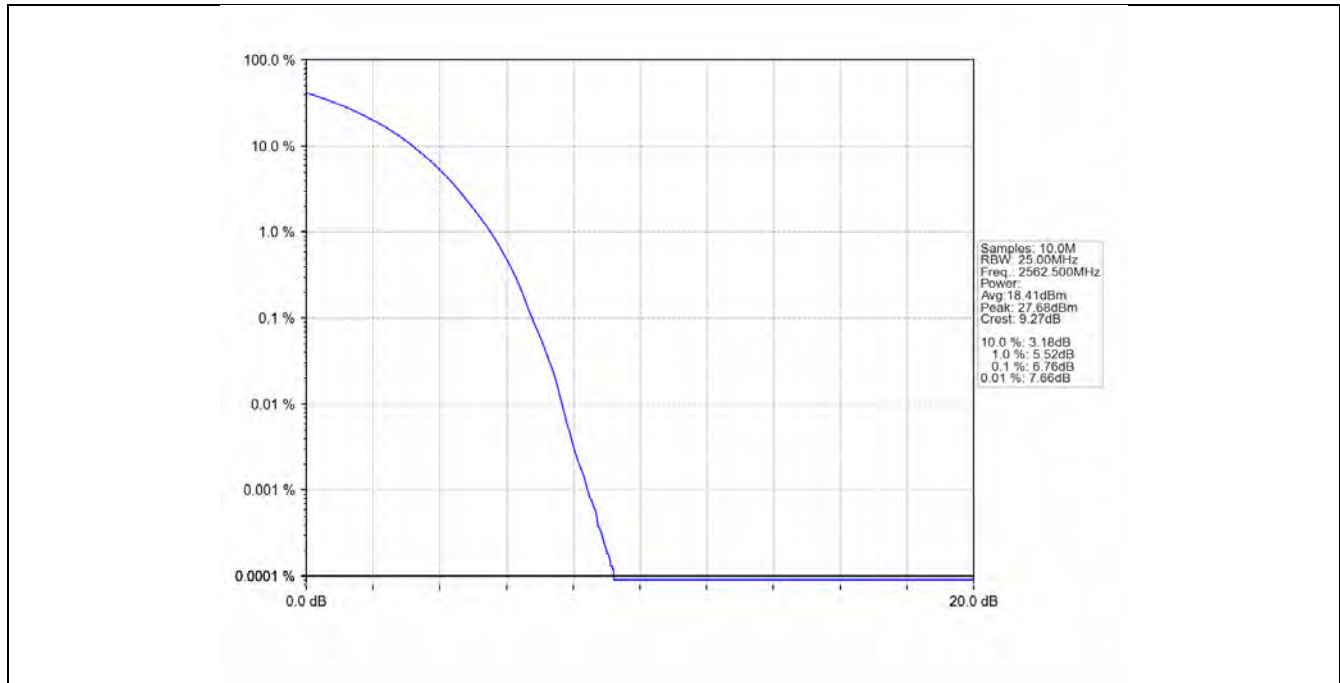


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4.4 B7_20MHz

4.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	4.96	<=13	Pass
	2535	100	0	5.09	<=13	Pass
	2560	100	0	4.98	<=13	Pass
16QAM	2510	100	0	5.80	<=13	Pass
	2535	100	0	5.89	<=13	Pass
	2560	100	0	5.73	<=13	Pass
64QAM	2510	100	0	6.51	<=13	Pass
	2535	100	0	6.53	<=13	Pass
	2560	100	0	6.48	<=13	Pass
256QAM	2510	100	0	6.79	<=13	Pass
	2535	100	0	6.81	<=13	Pass
	2560	100	0	6.68	<=13	Pass



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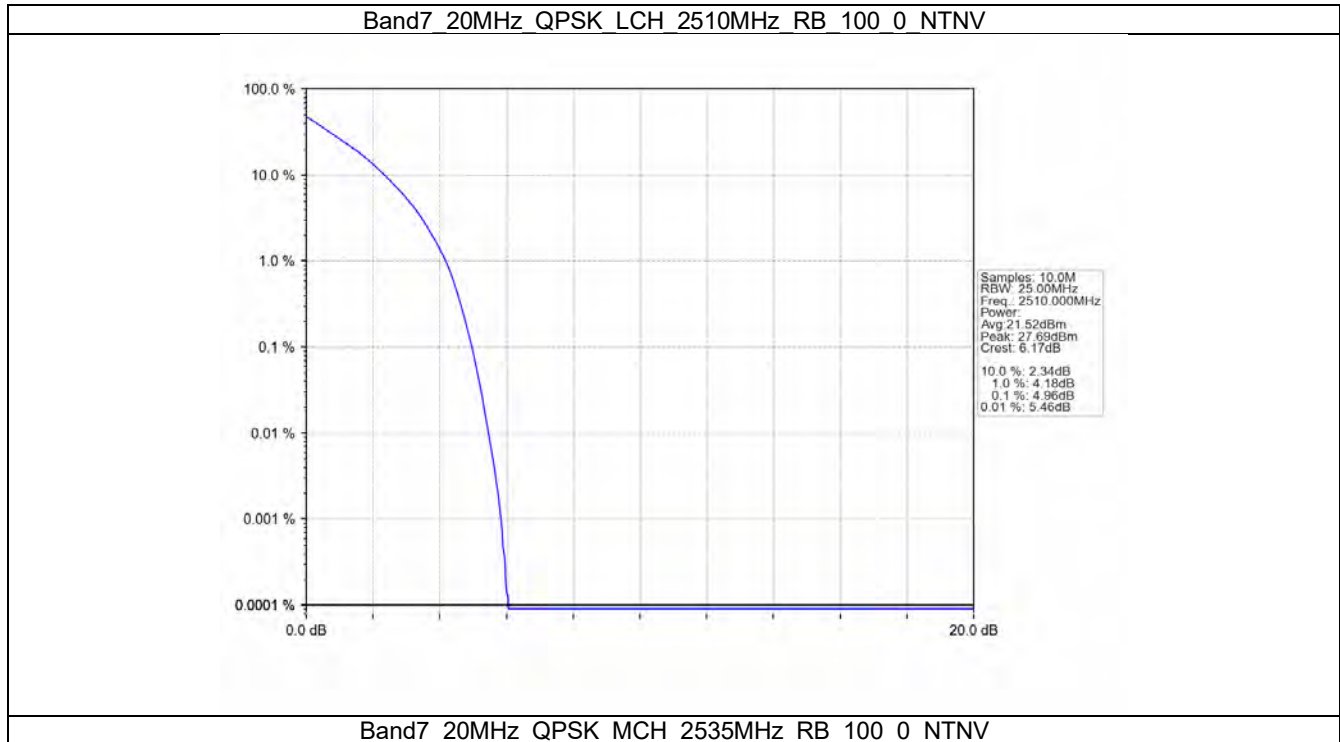
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4.4.2 Test Graph



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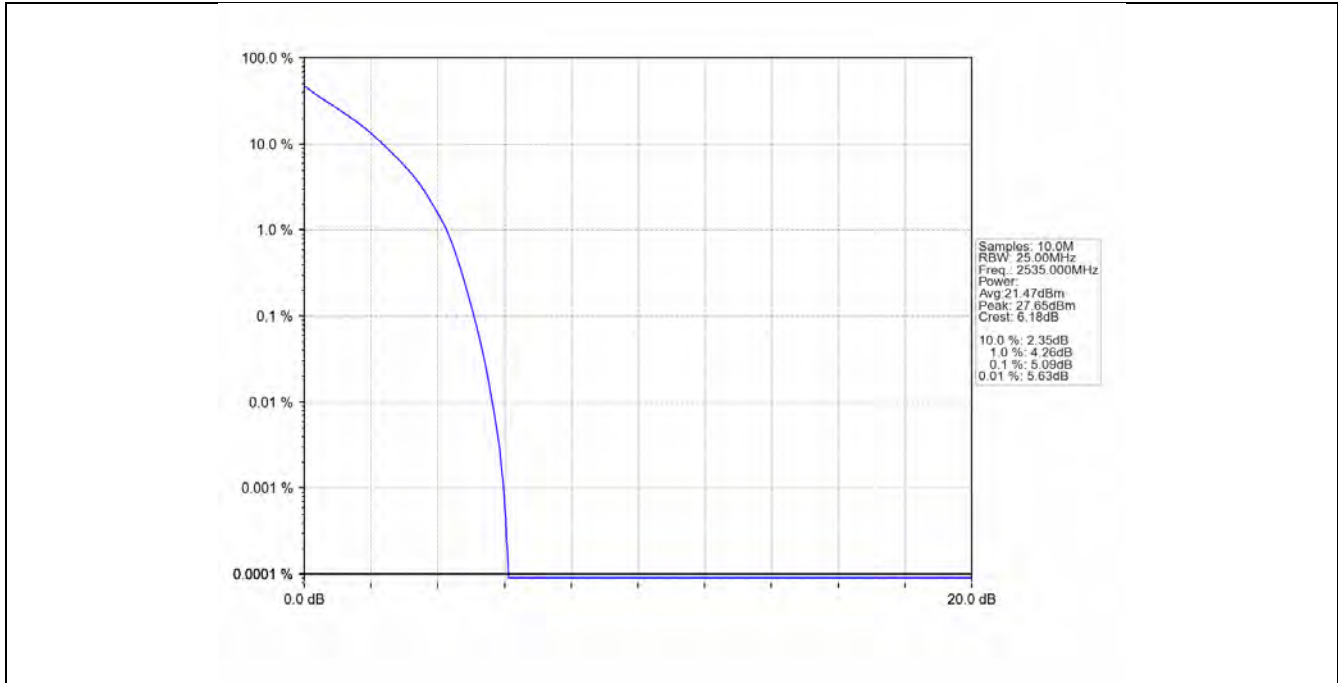


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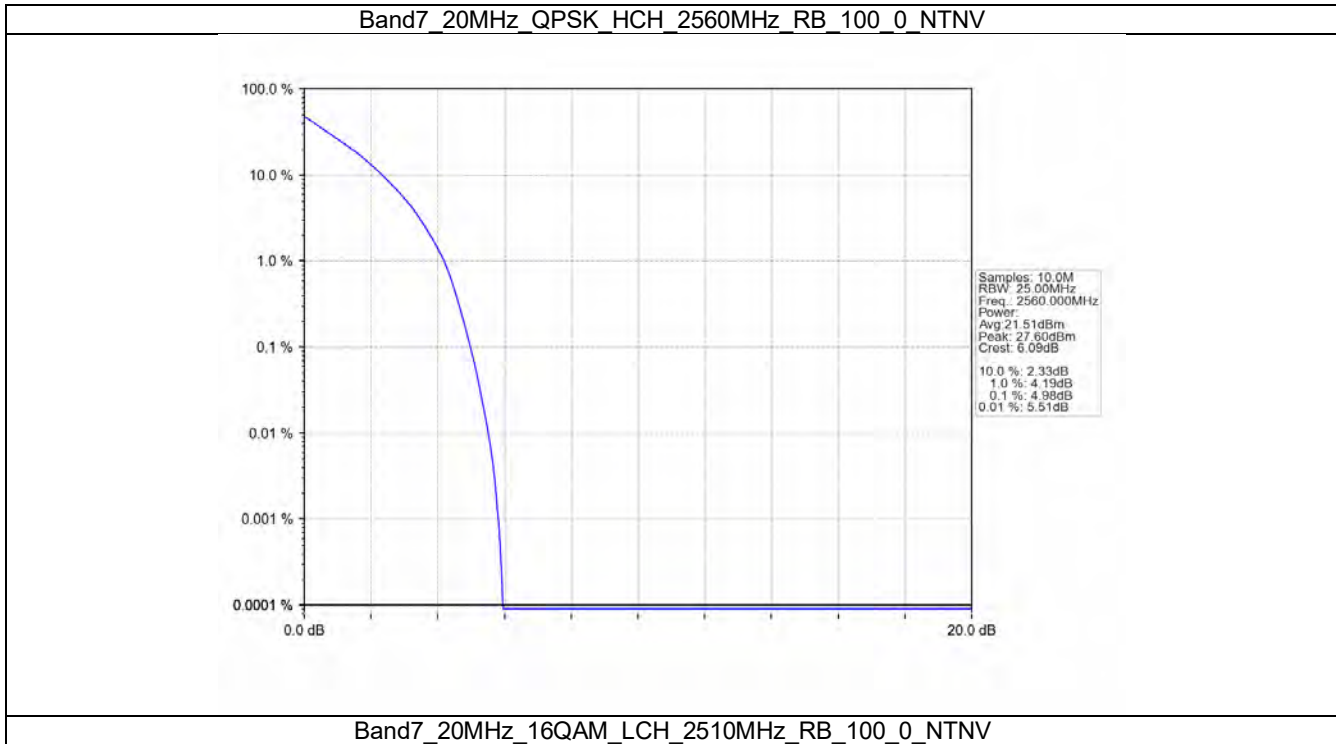


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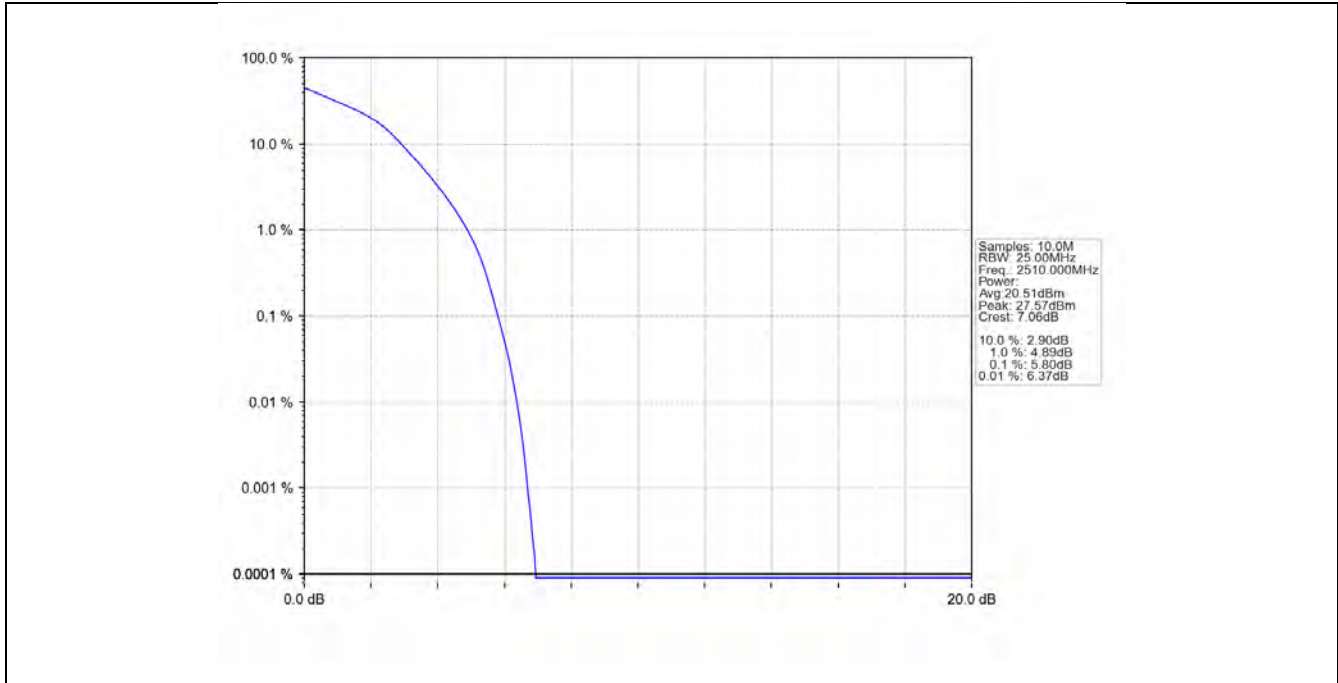


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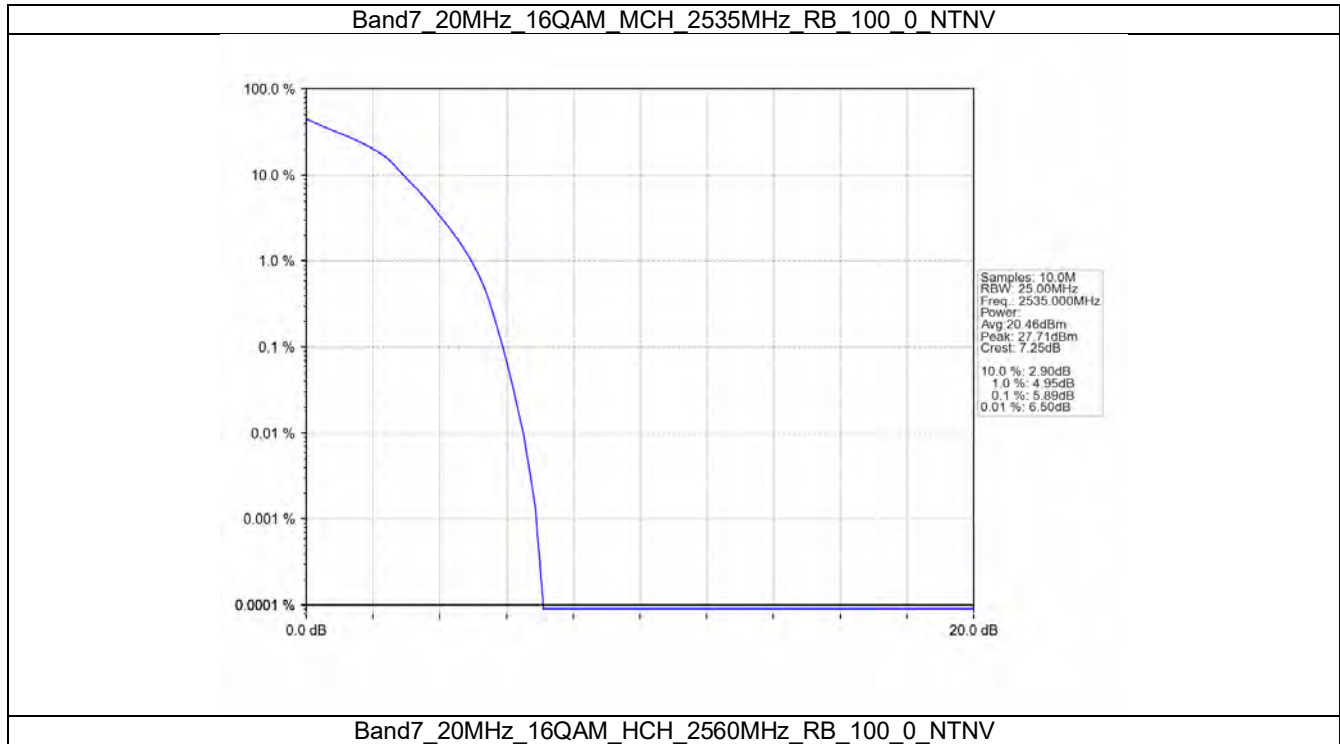


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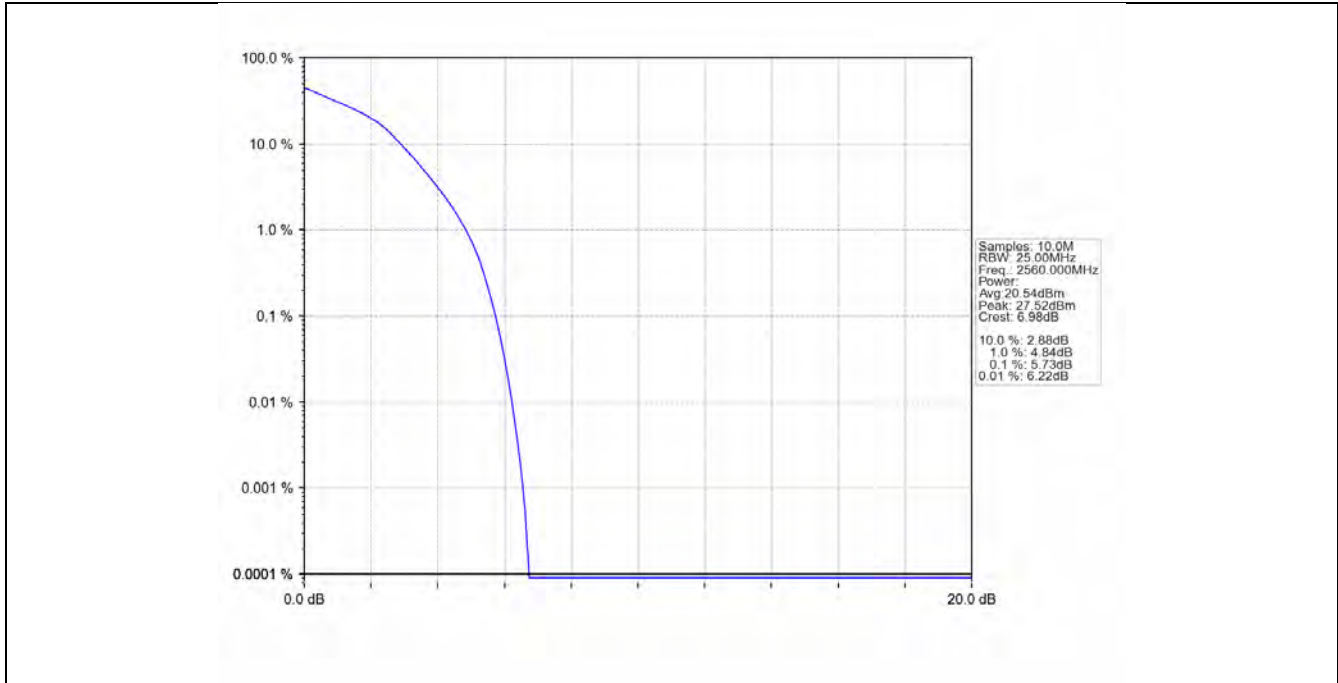


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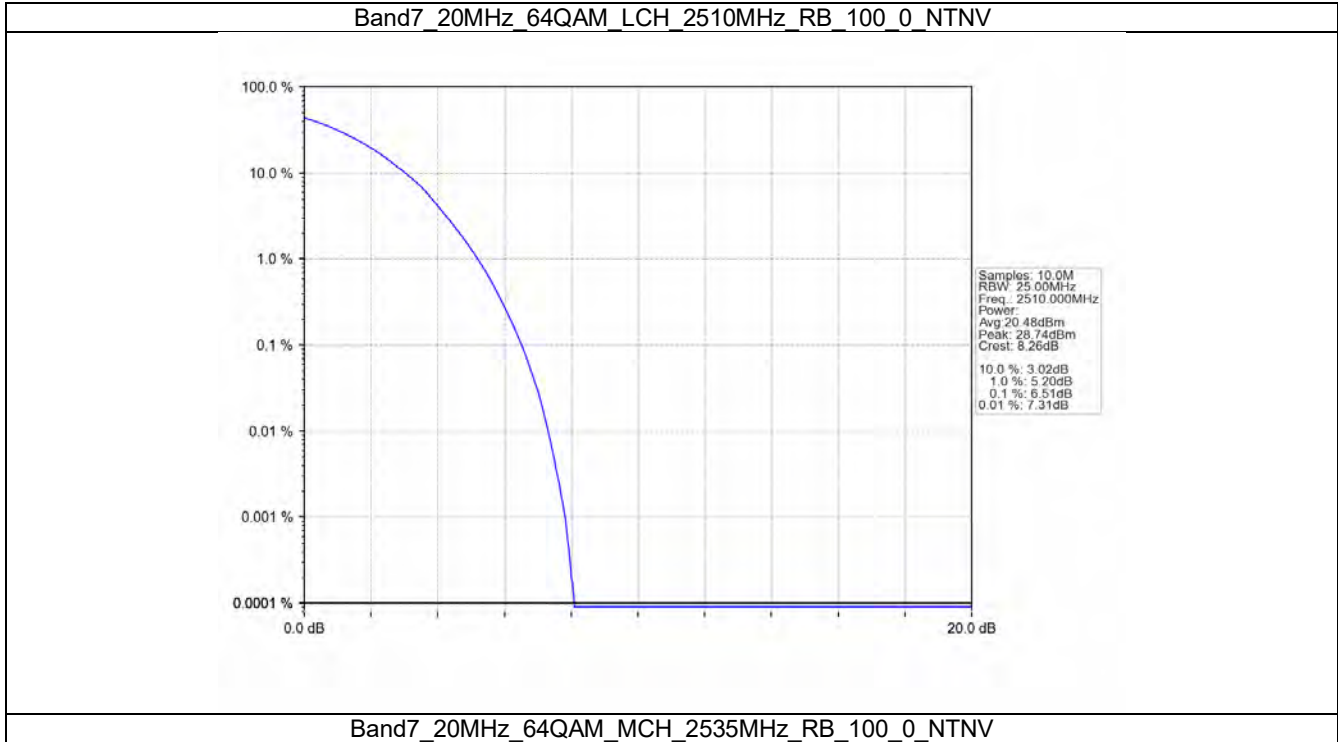


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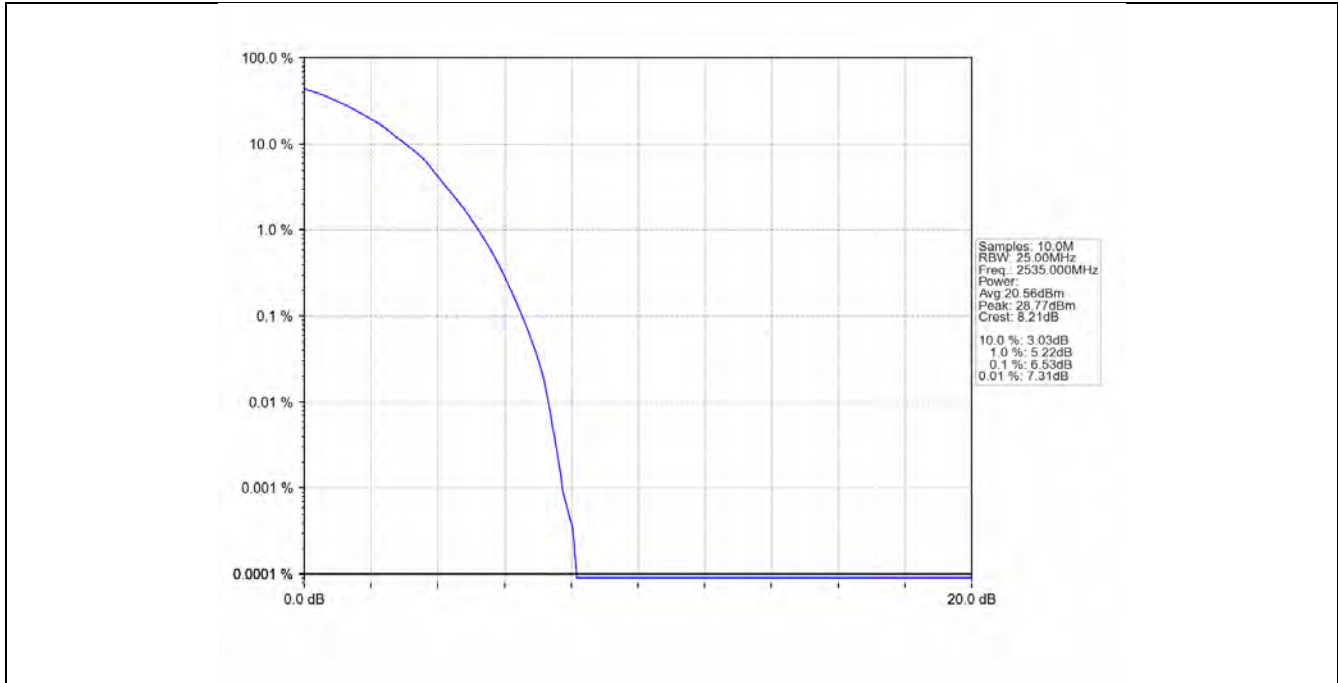


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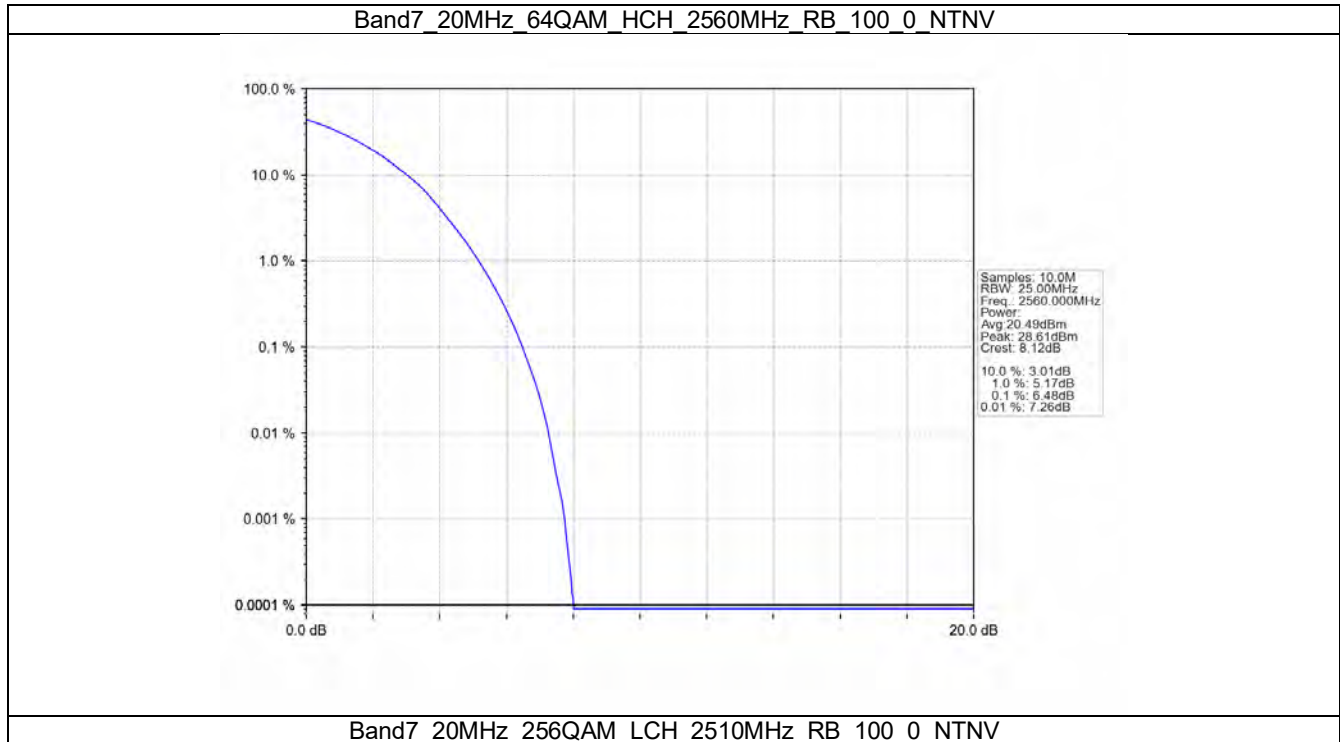


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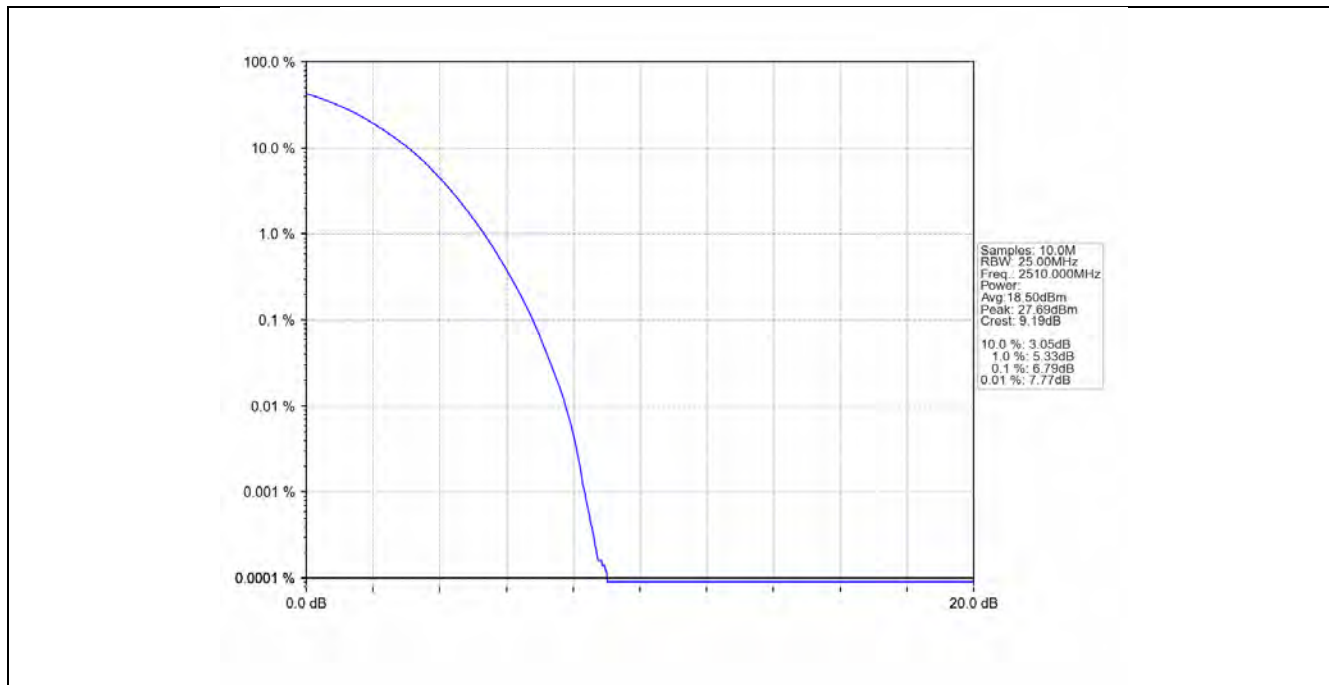
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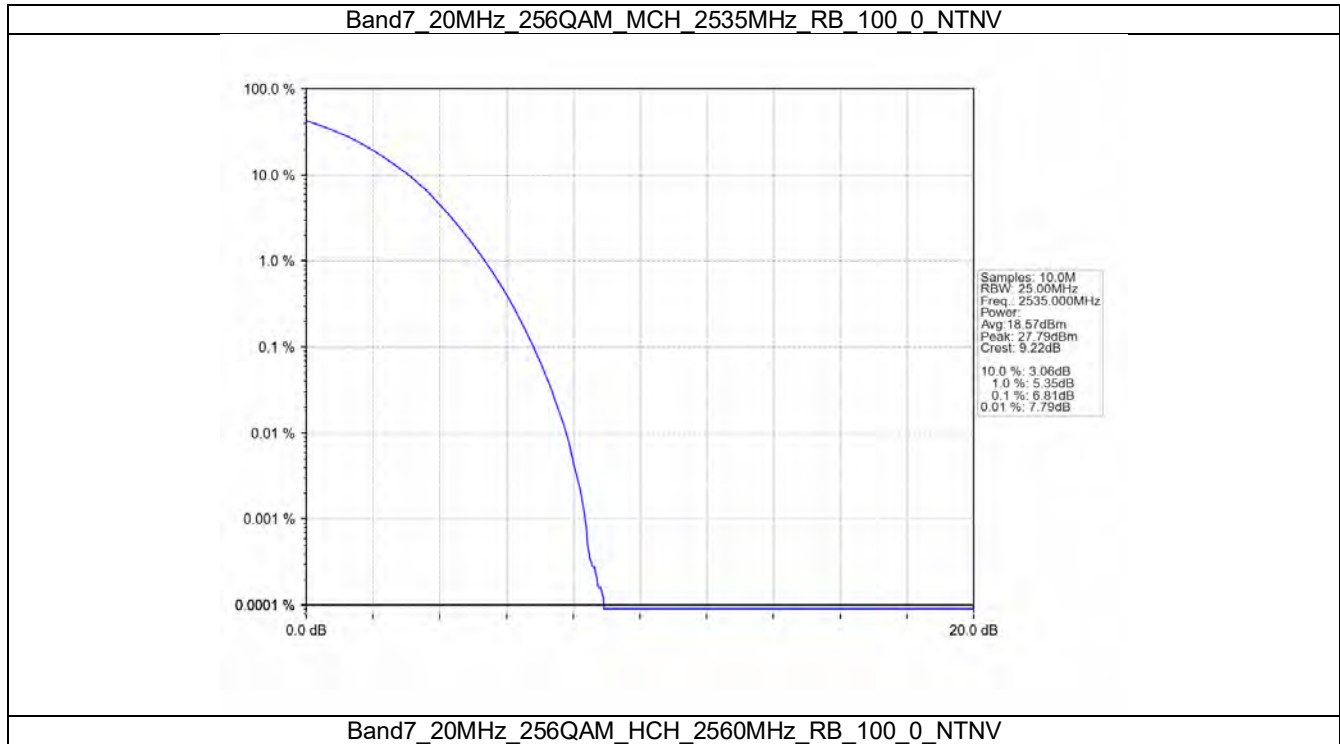
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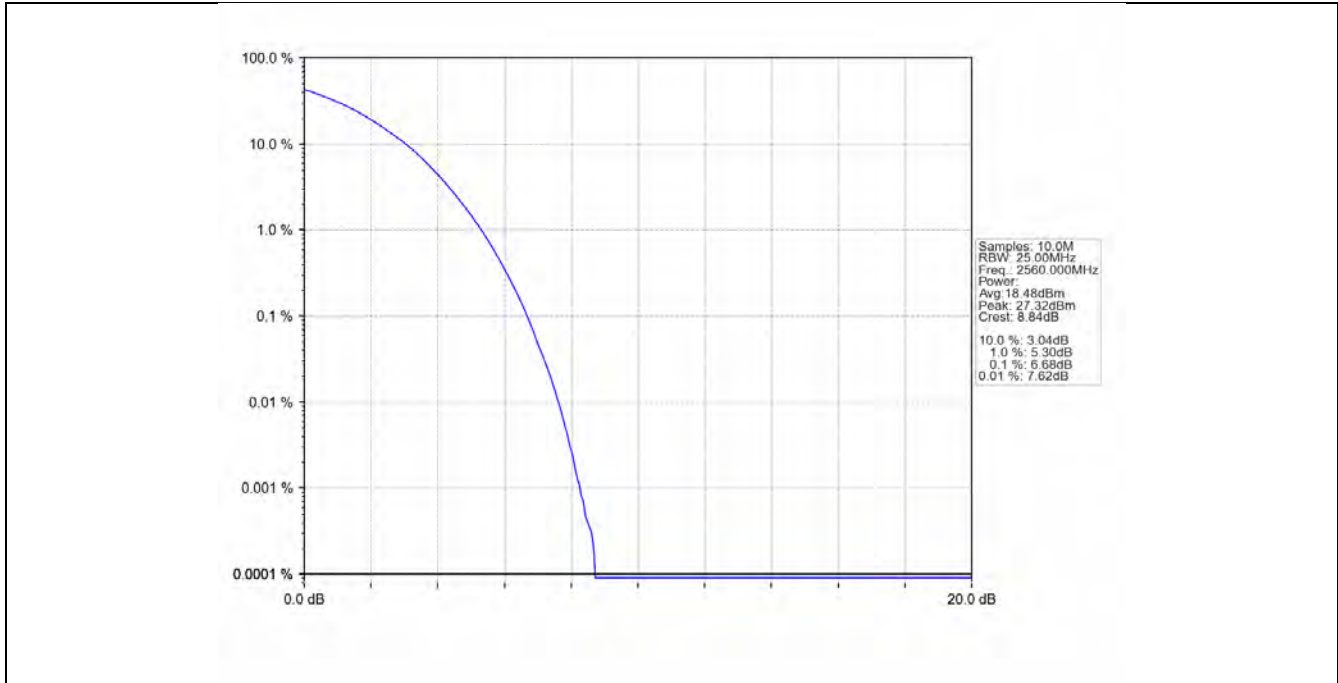


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5. Spurious Emission & Band Edges

5.1 B7_5MHz

5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



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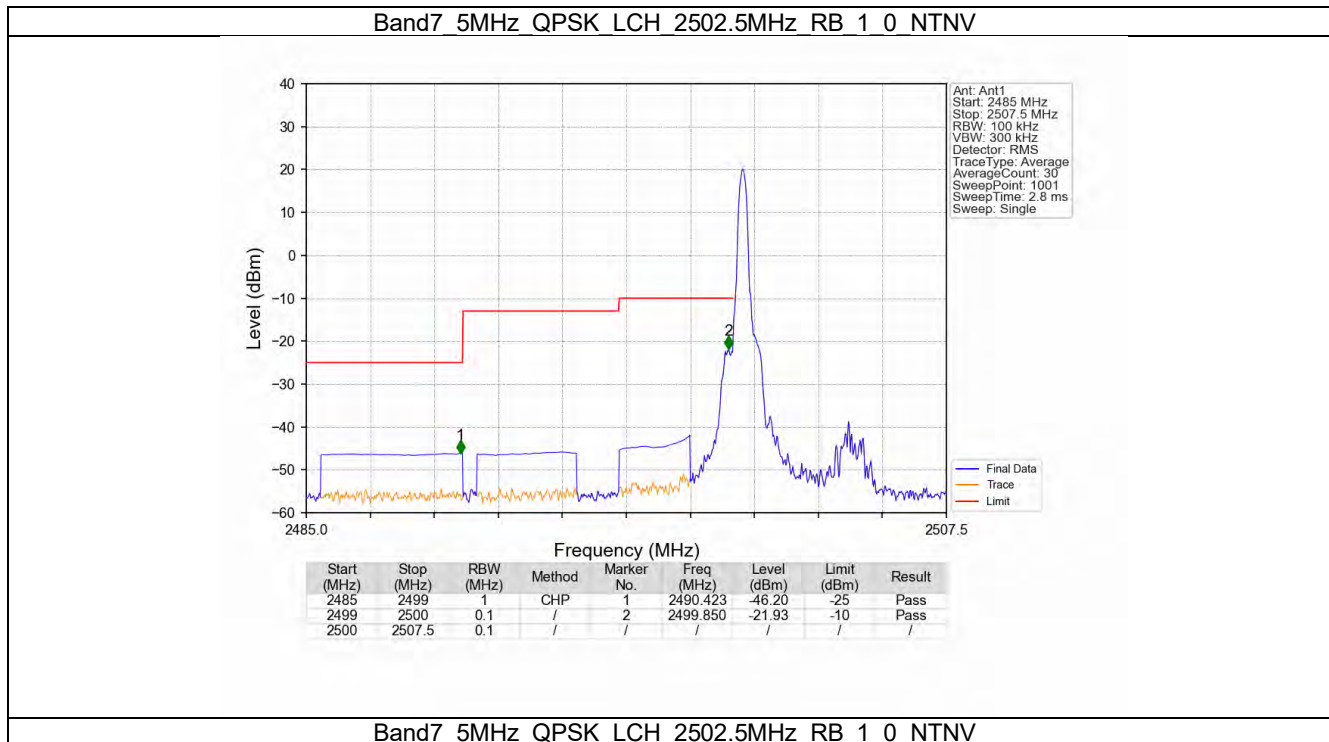
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5.1.2 Test Graph



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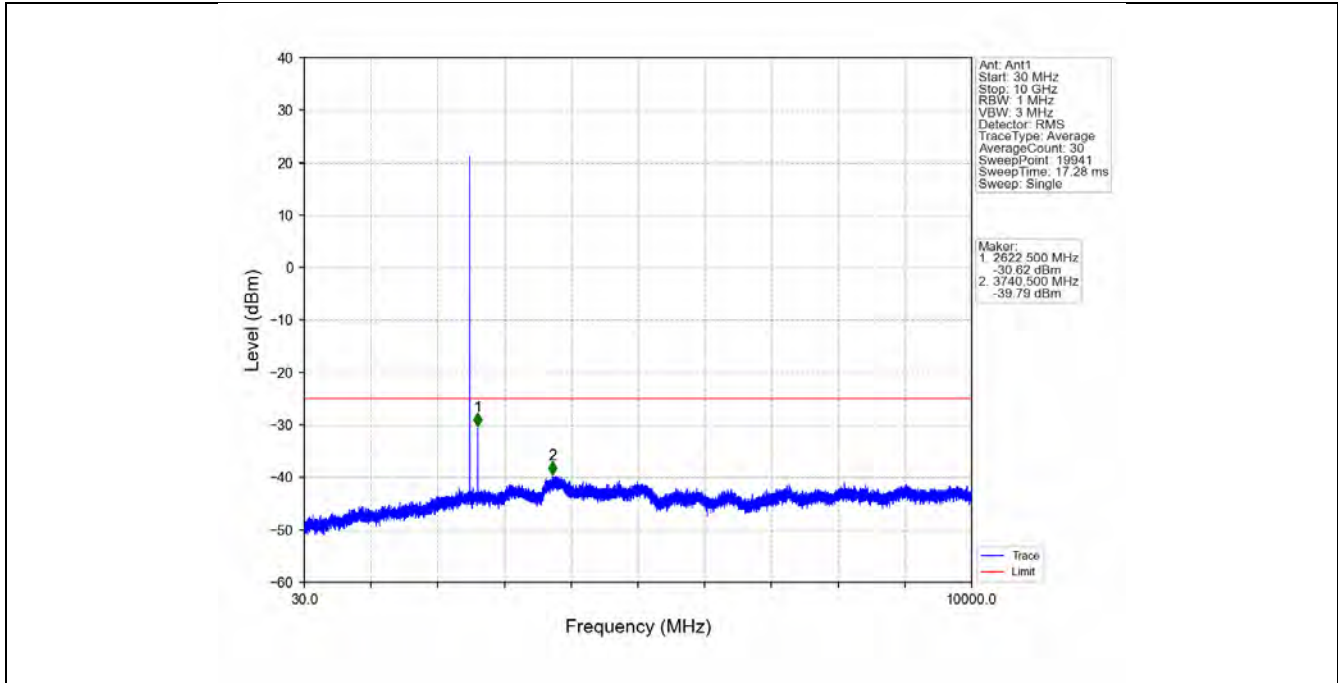


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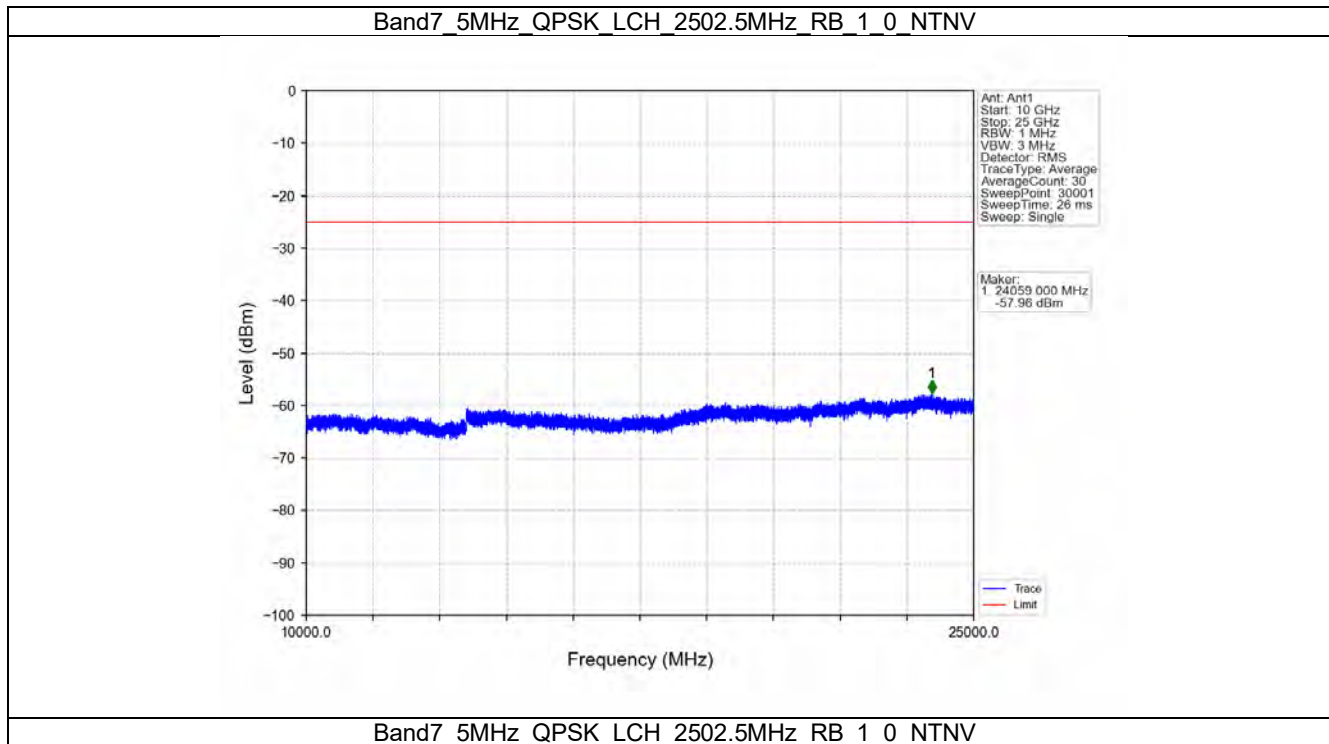
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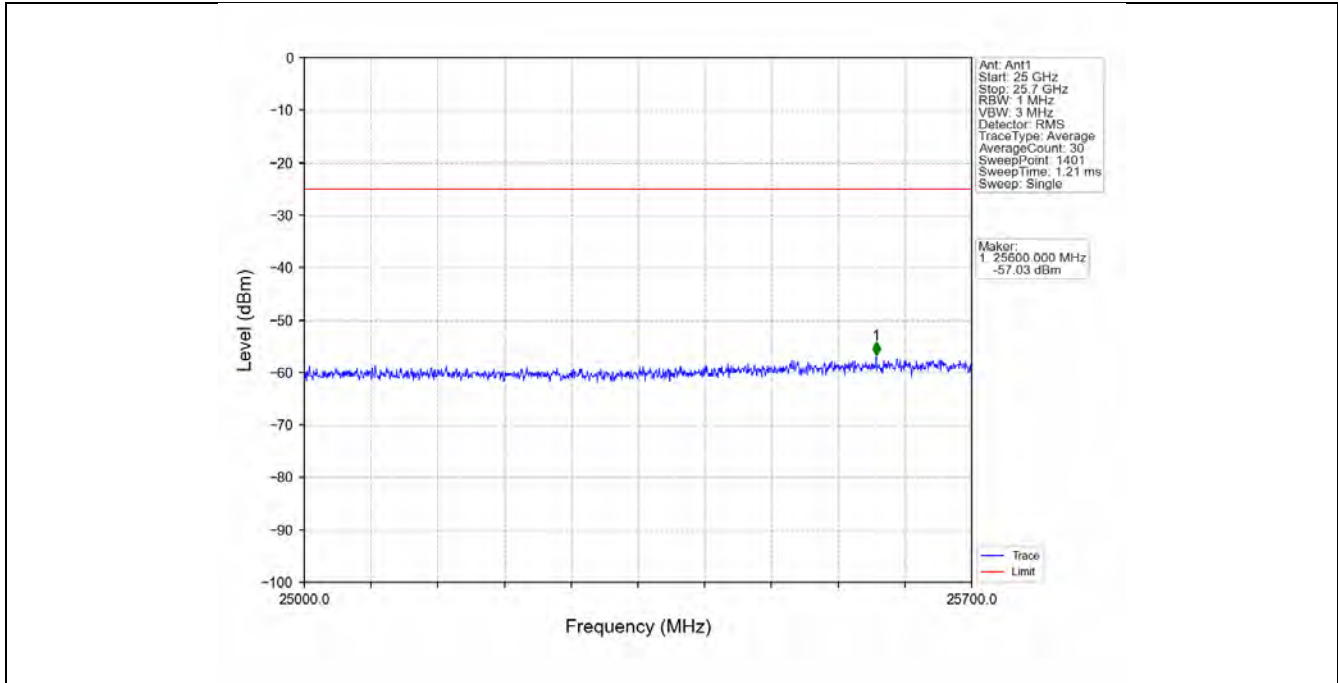


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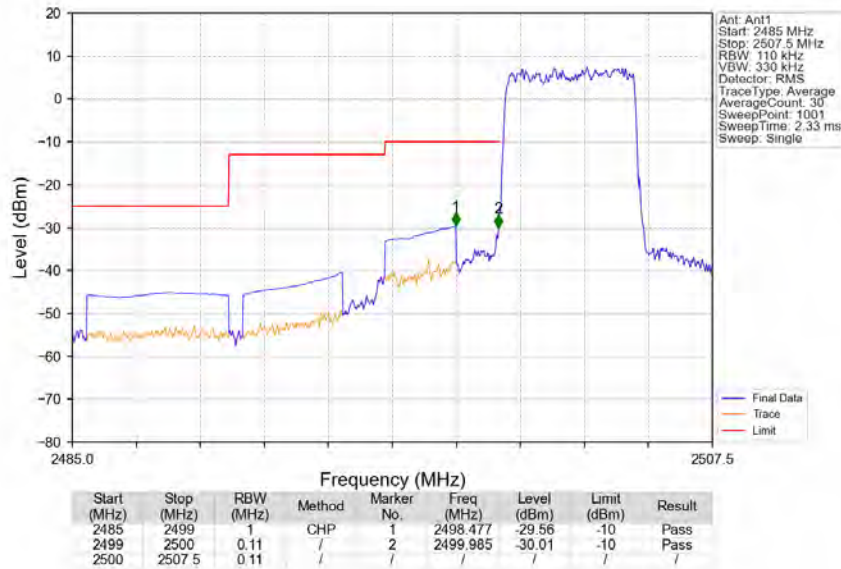
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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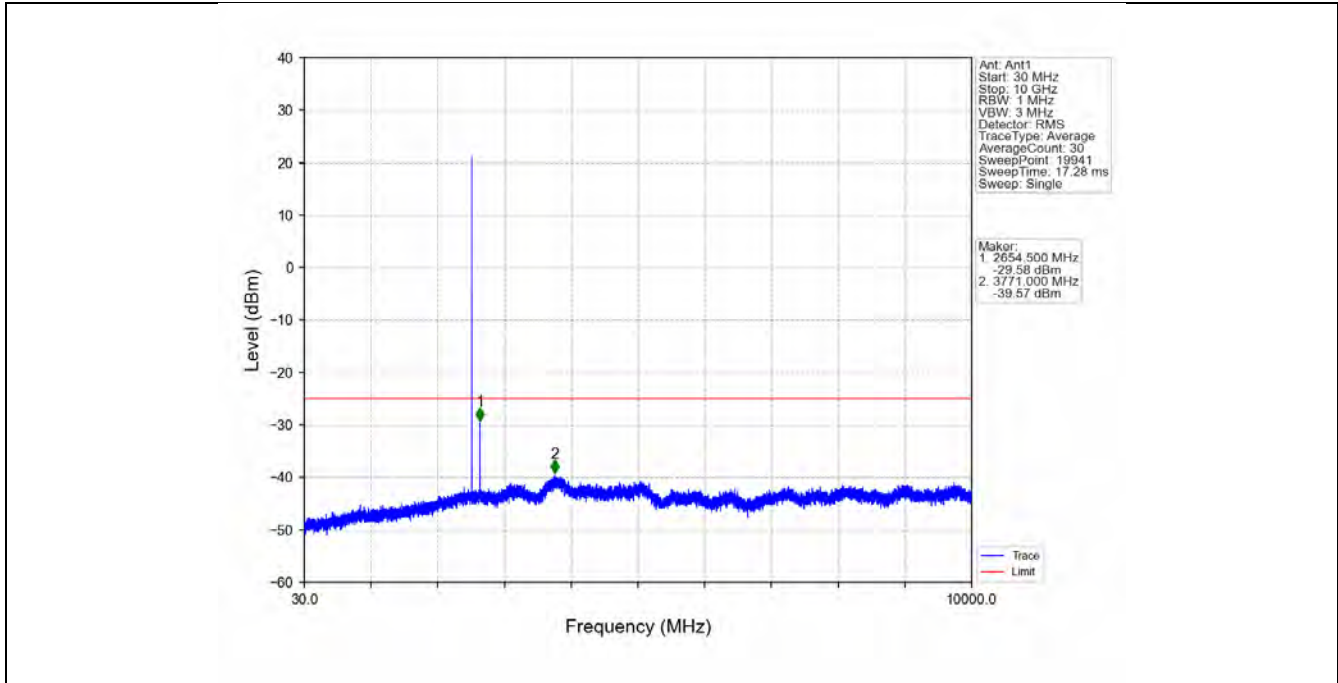


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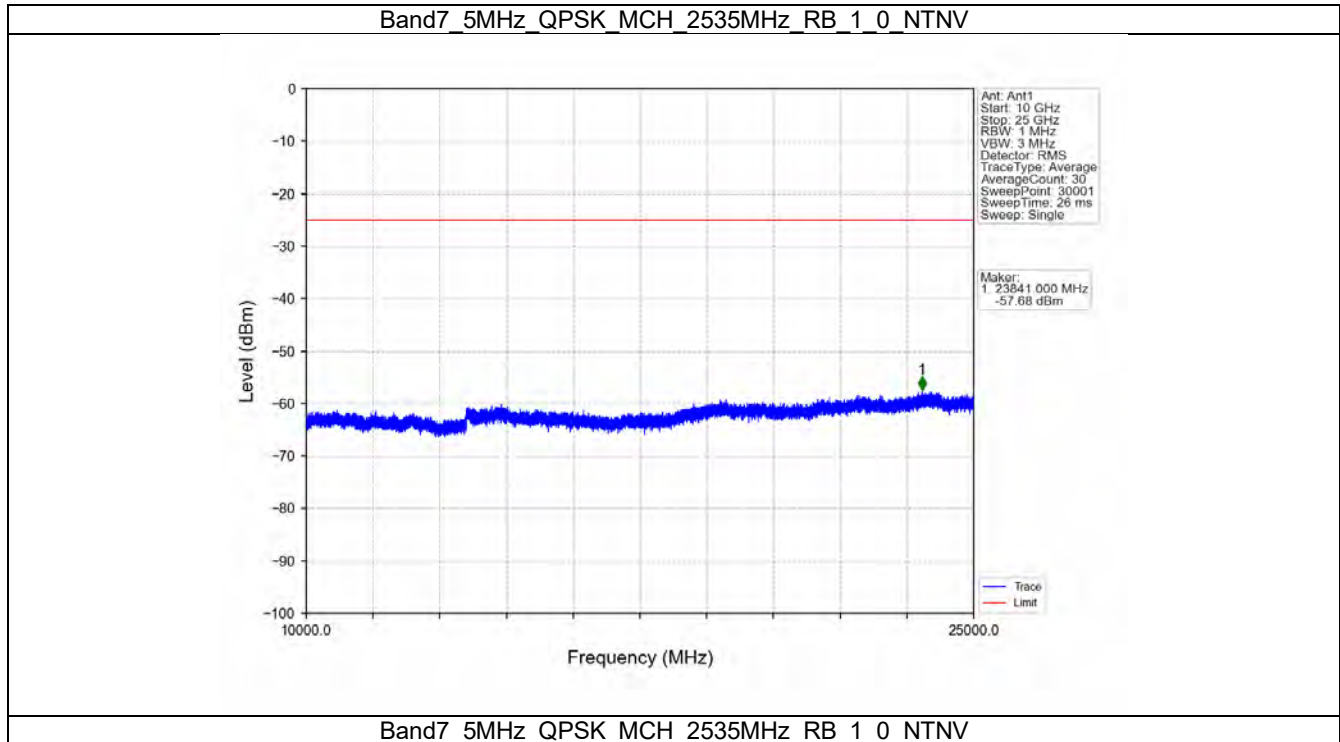


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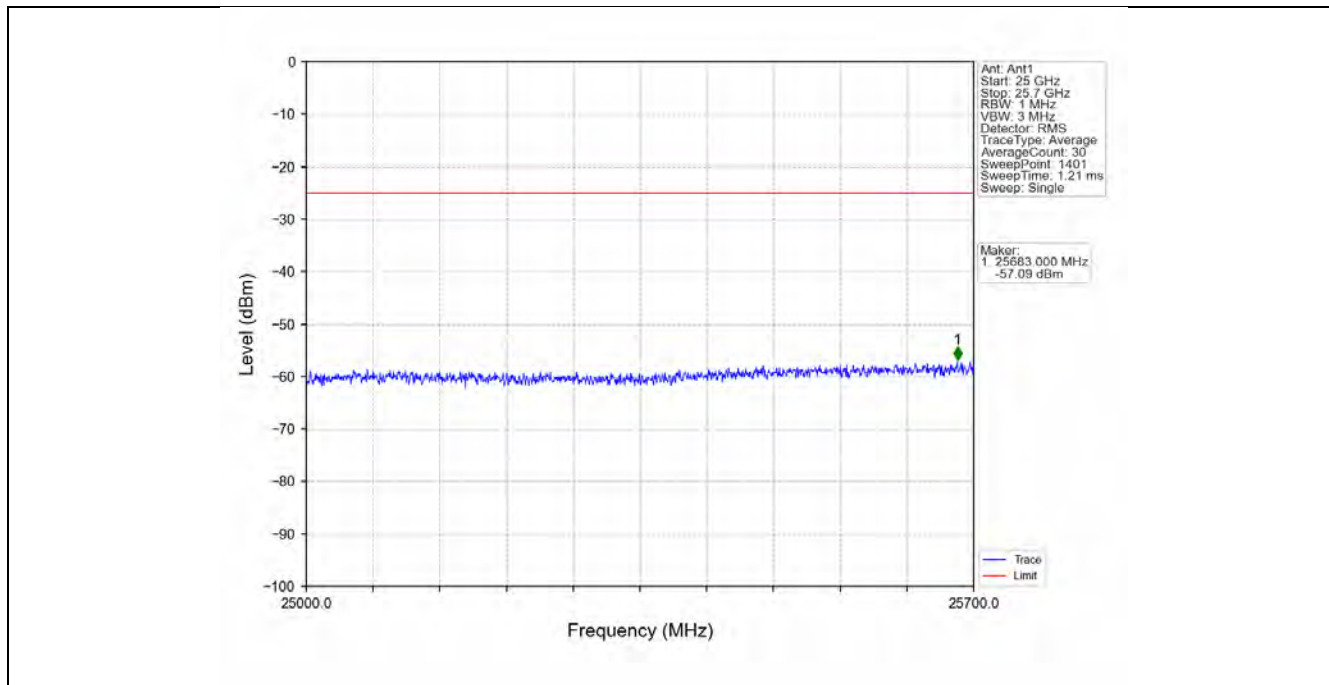
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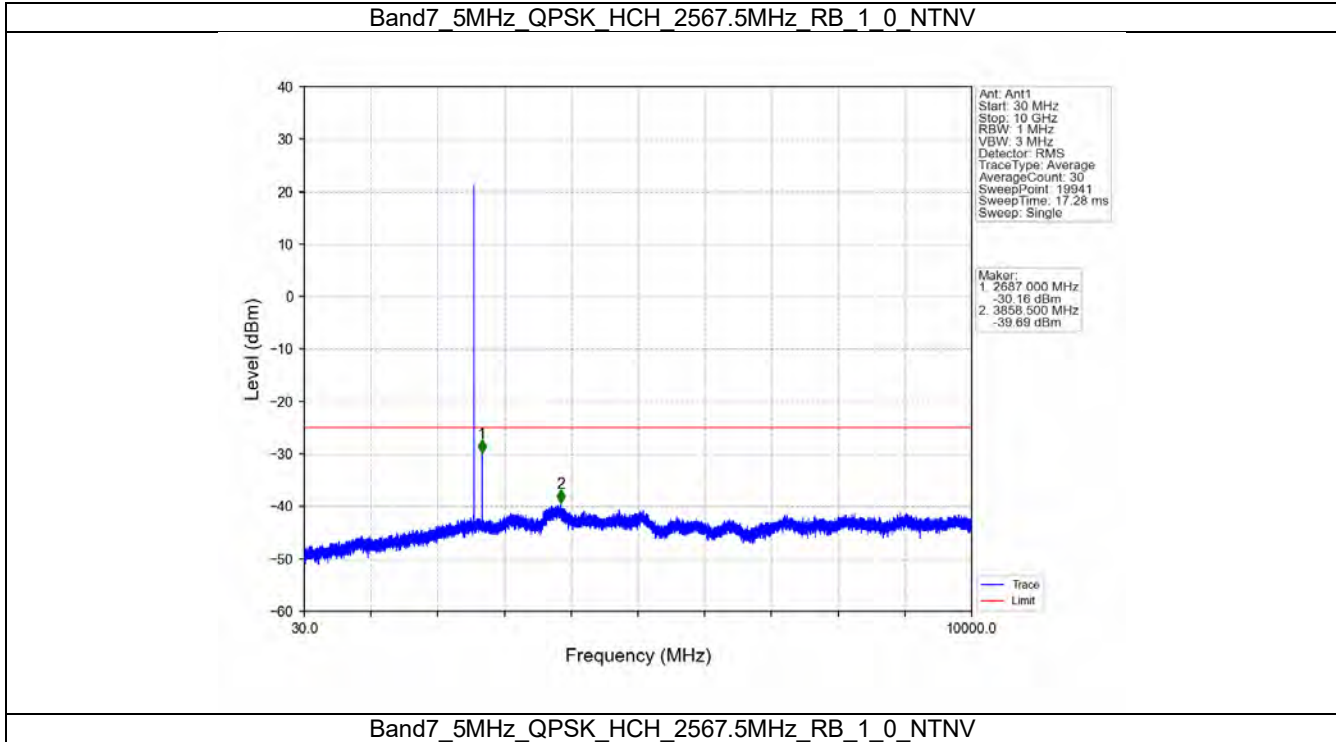


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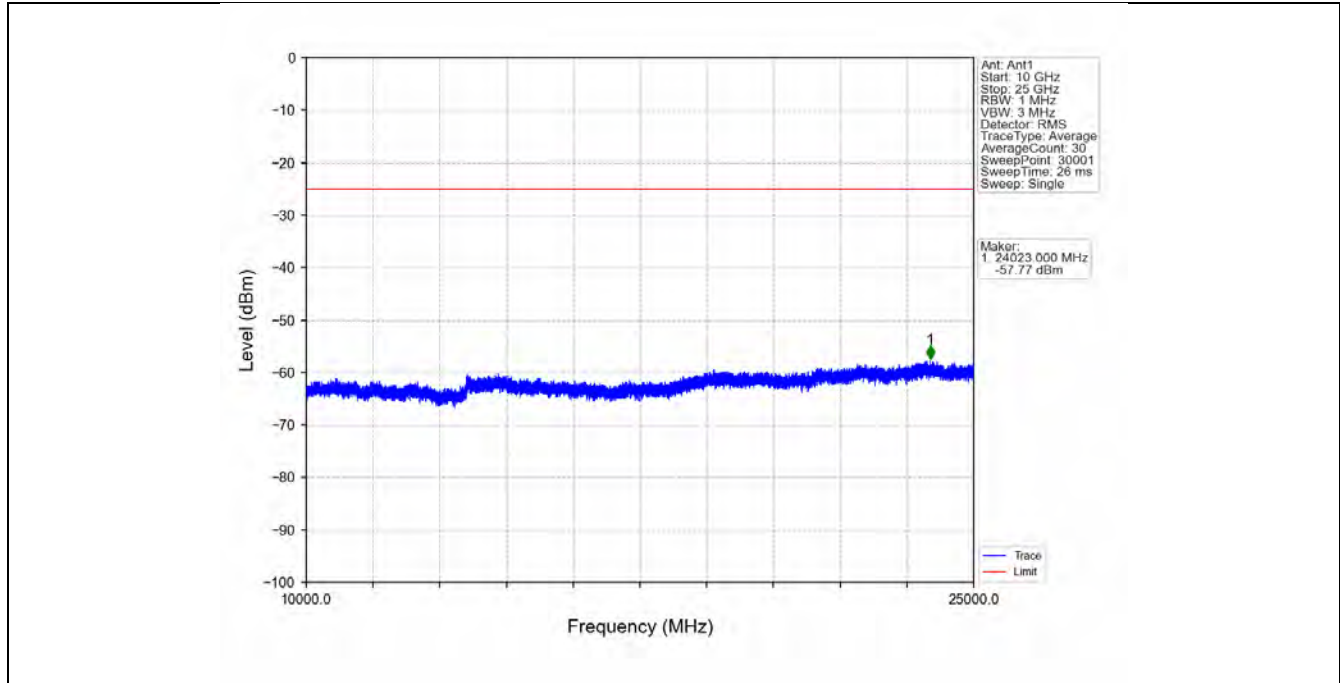


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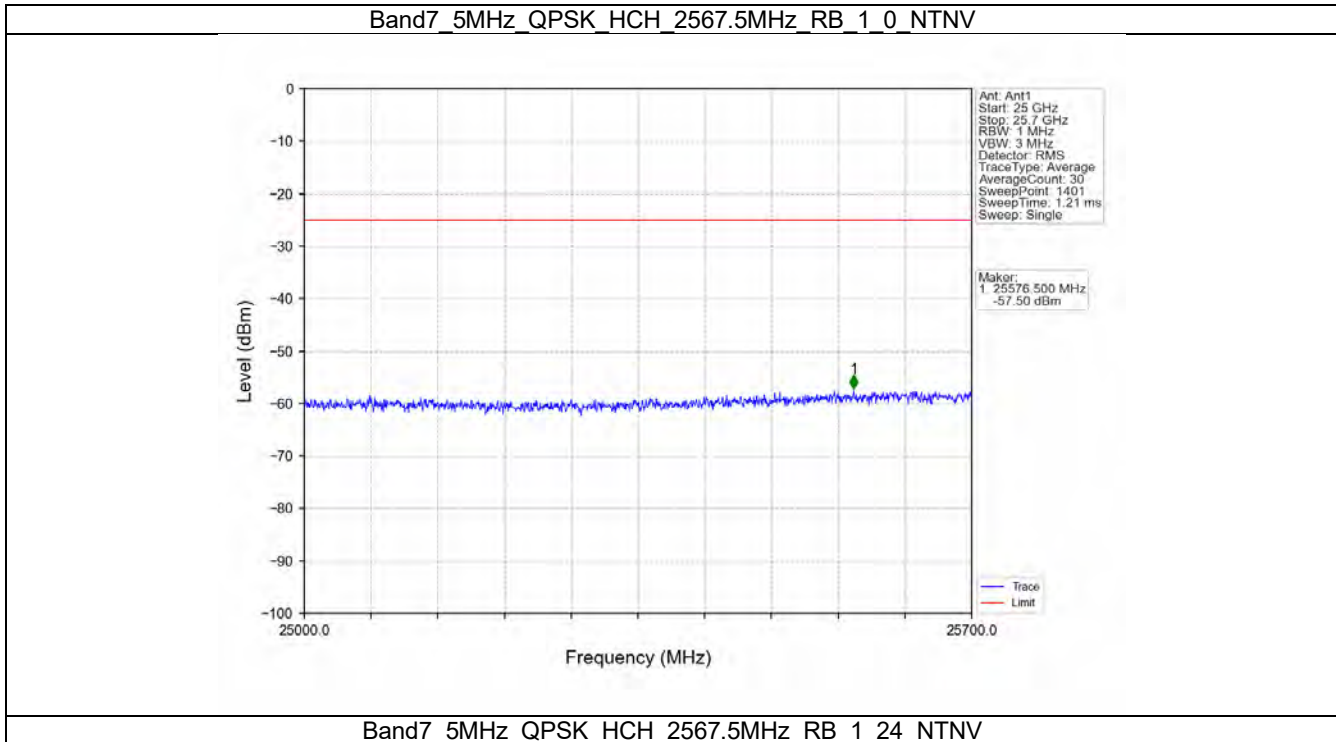


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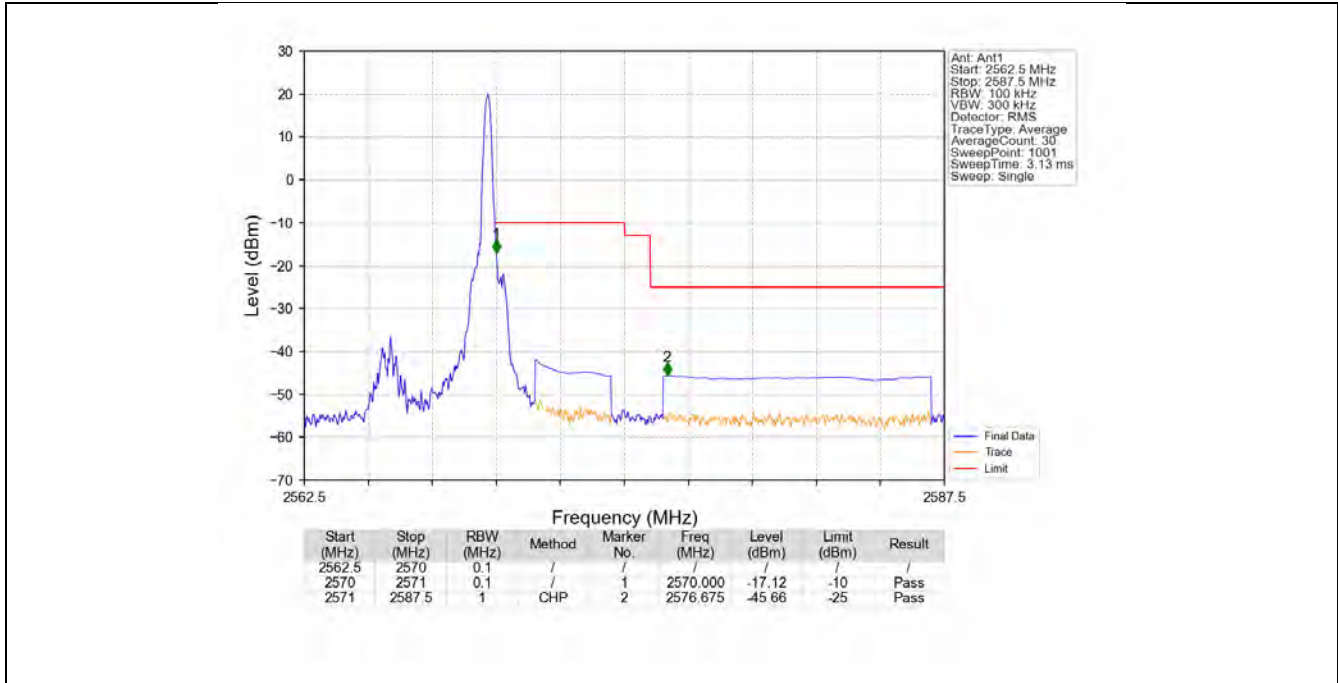


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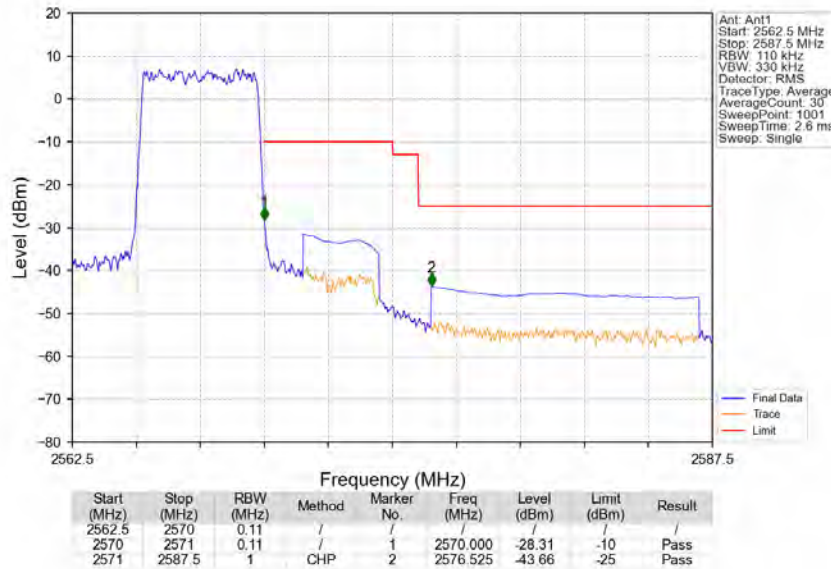
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



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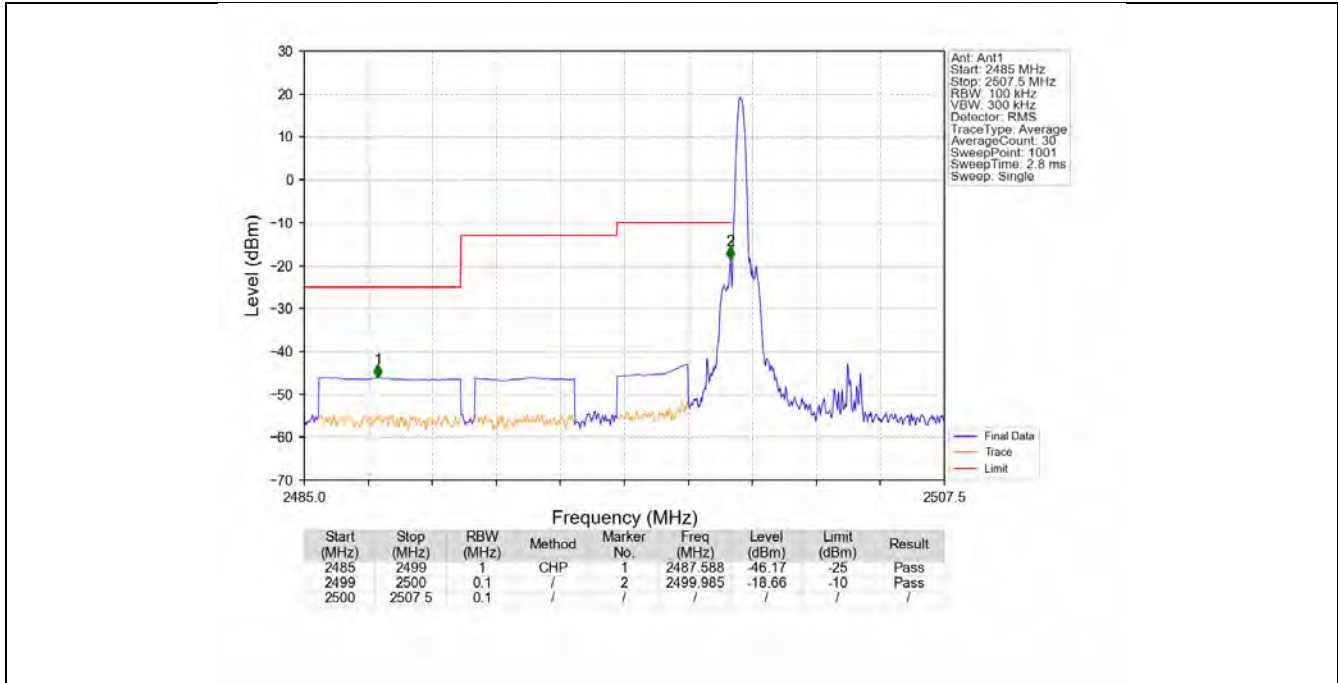


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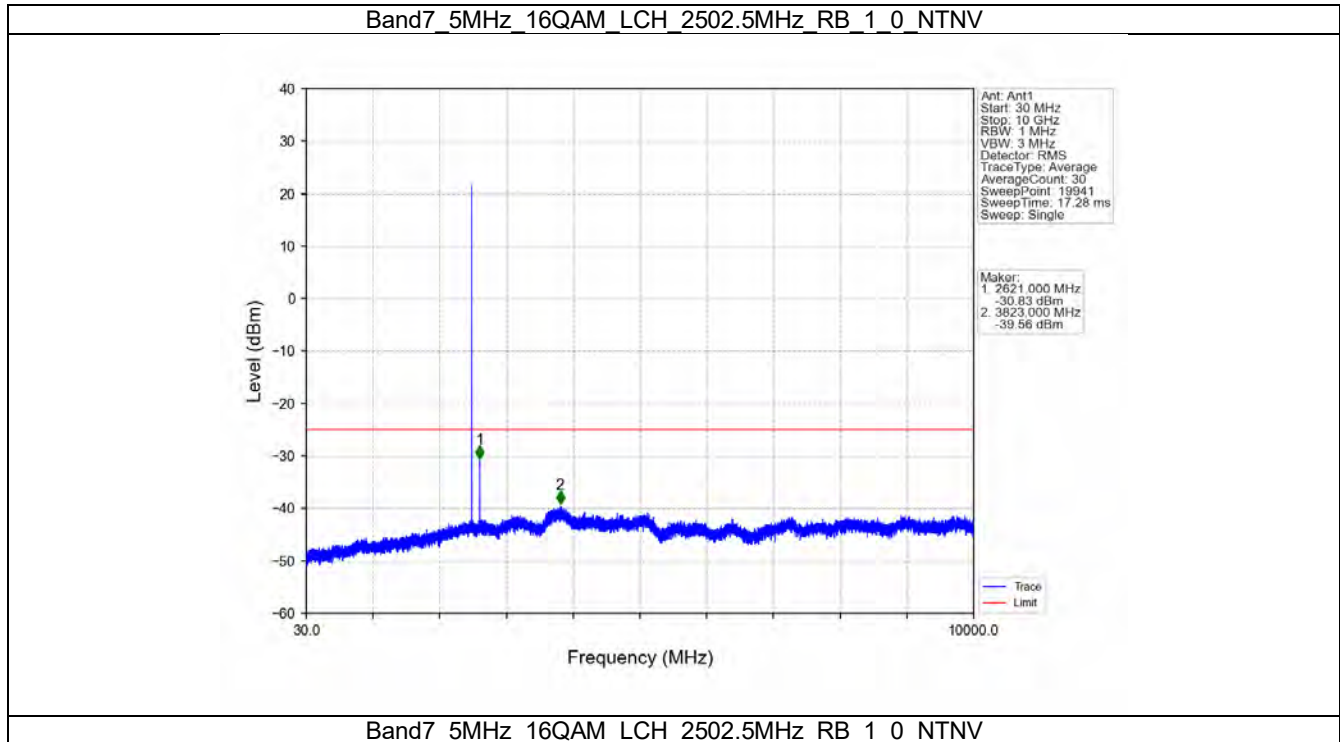


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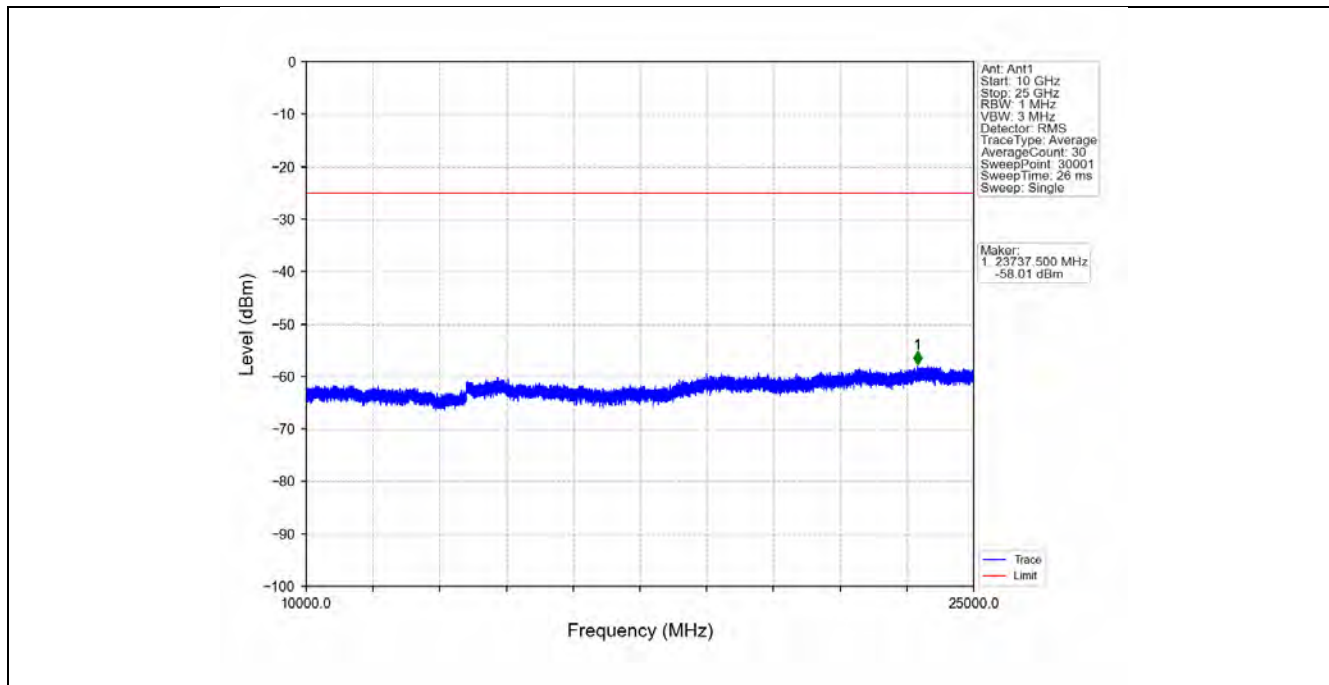
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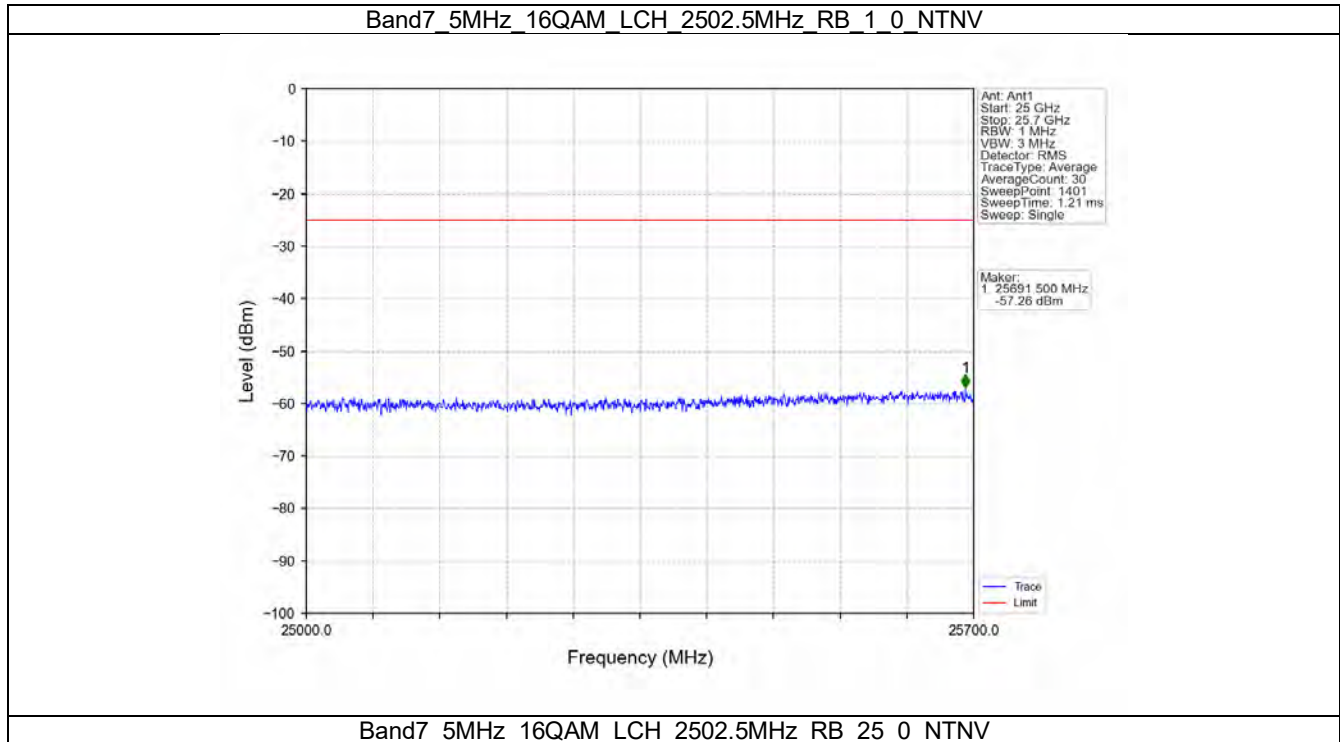


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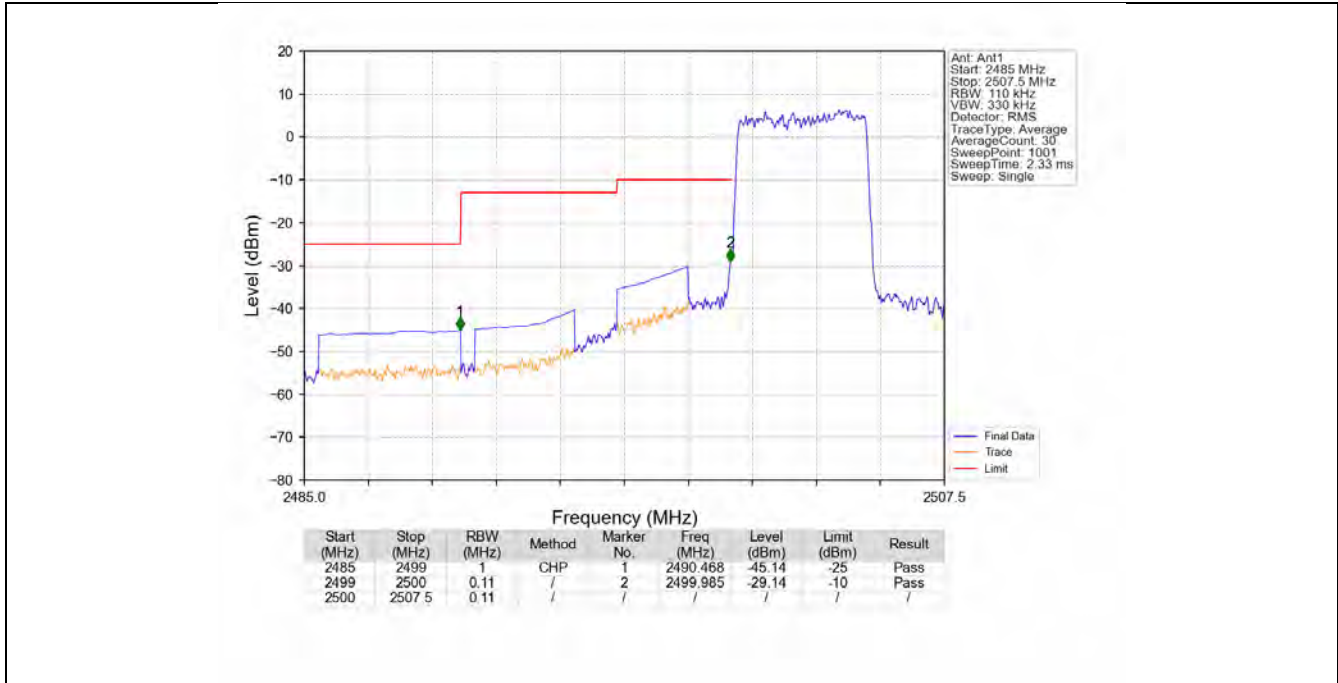


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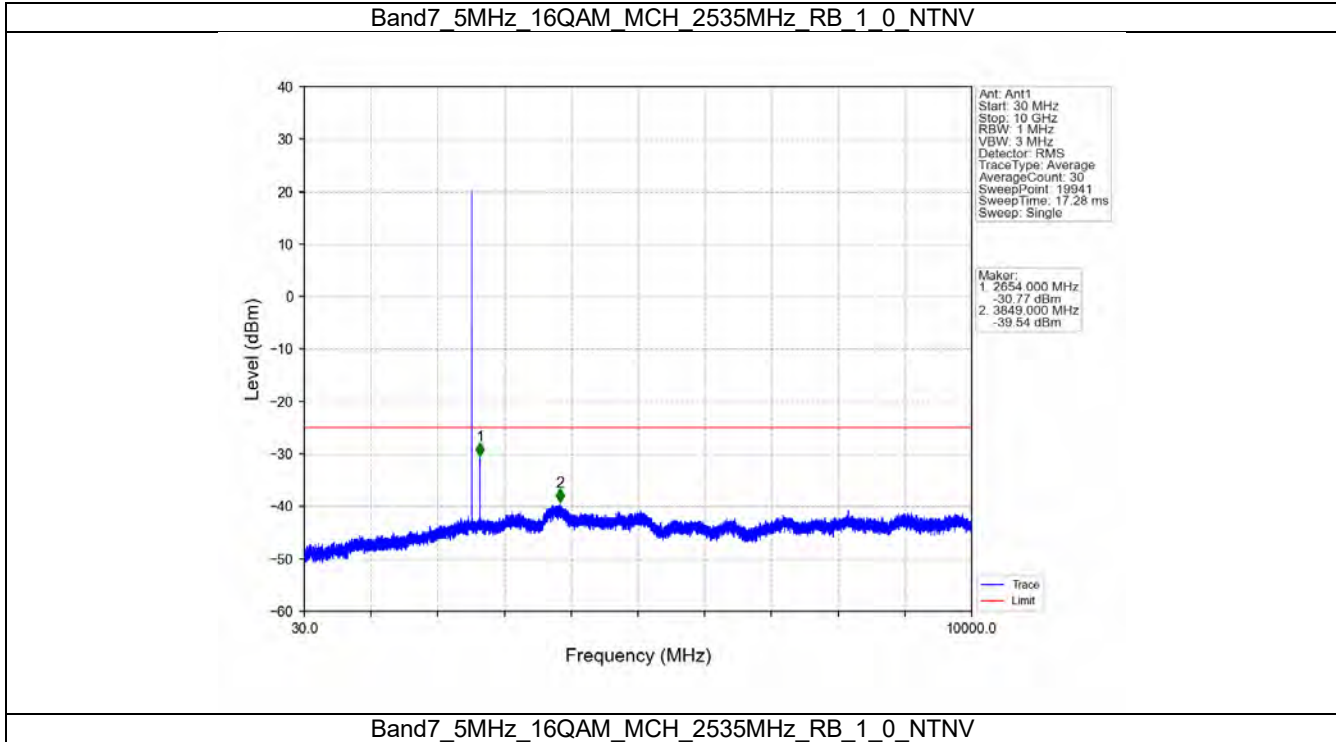


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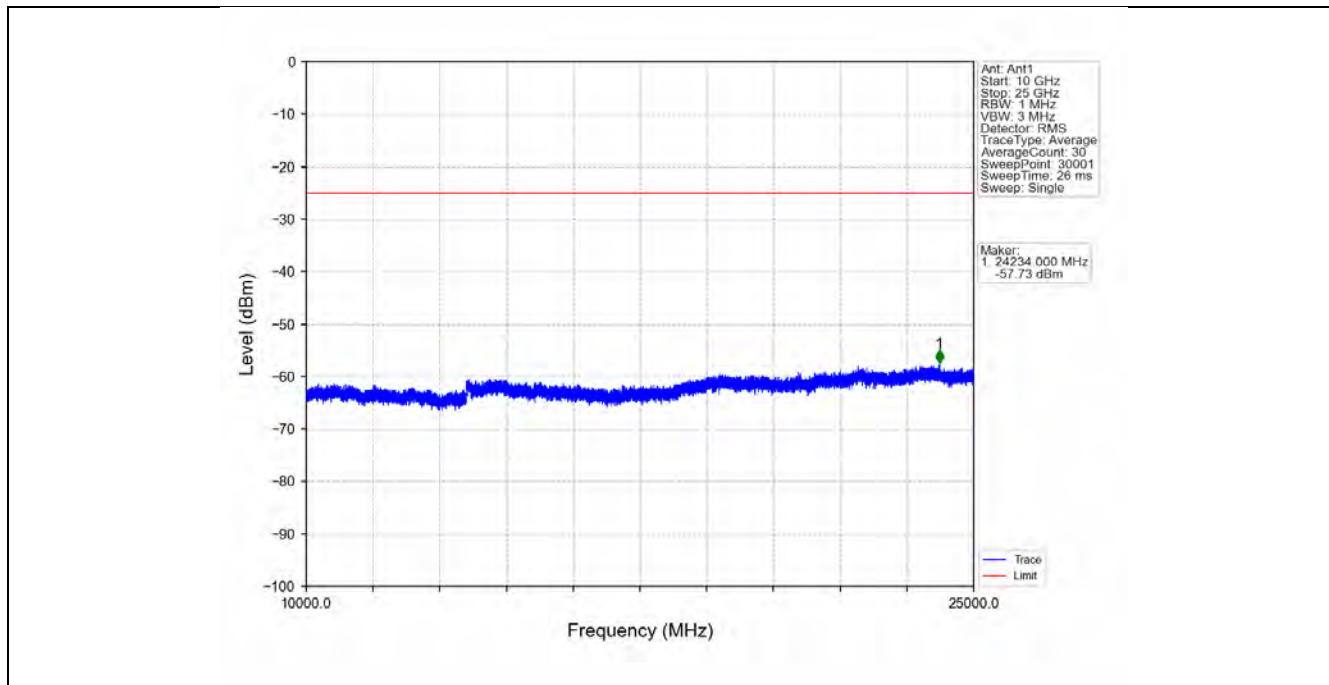
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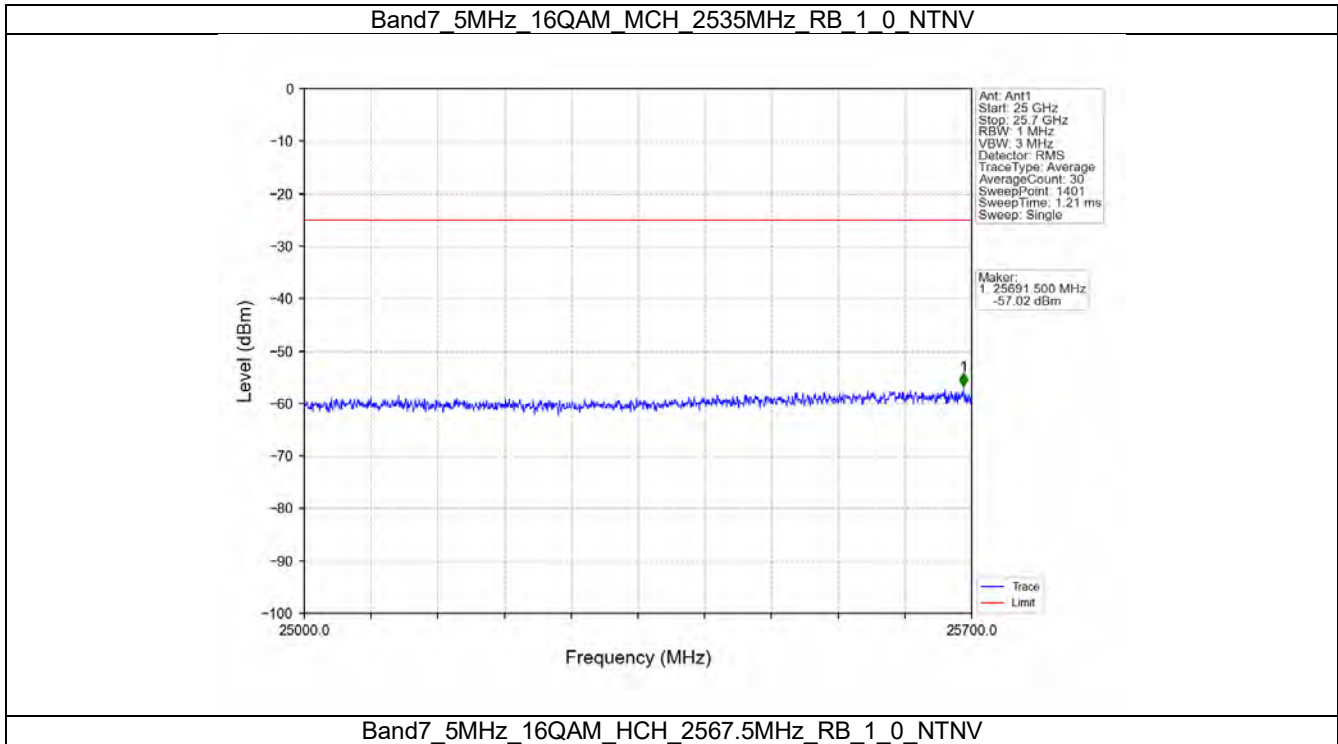


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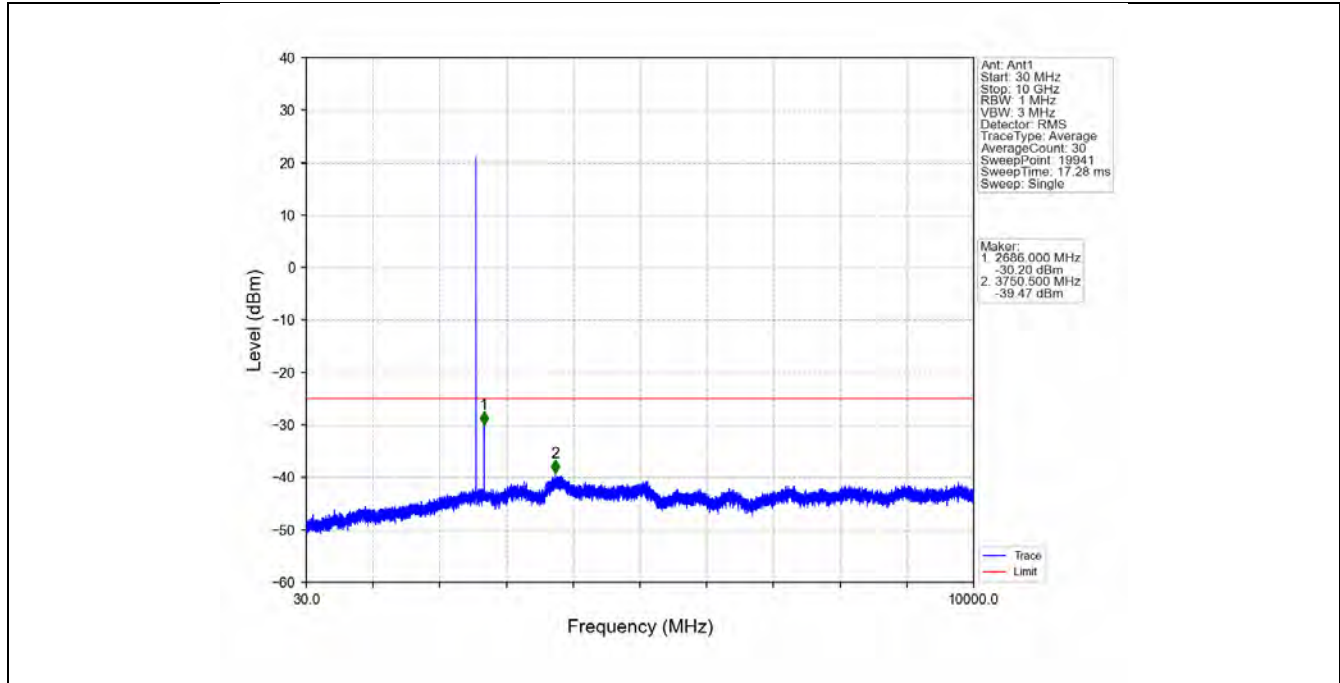


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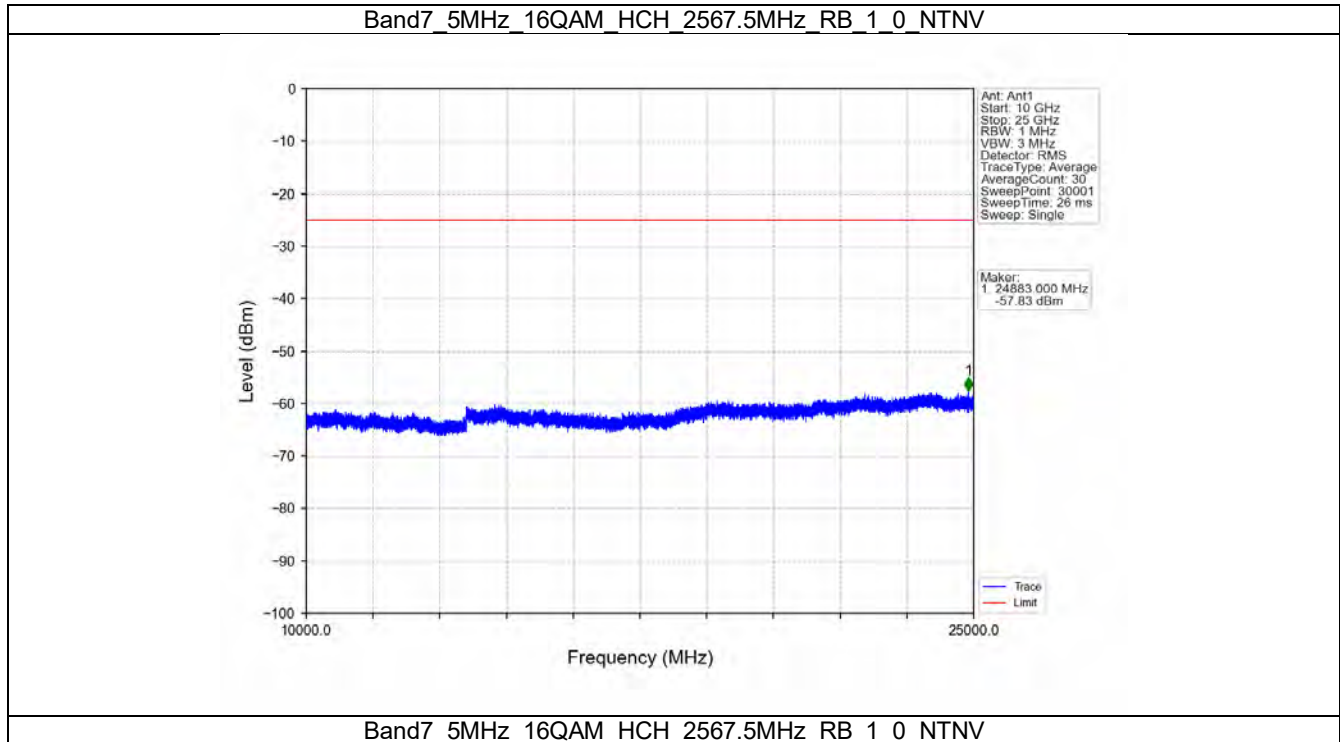


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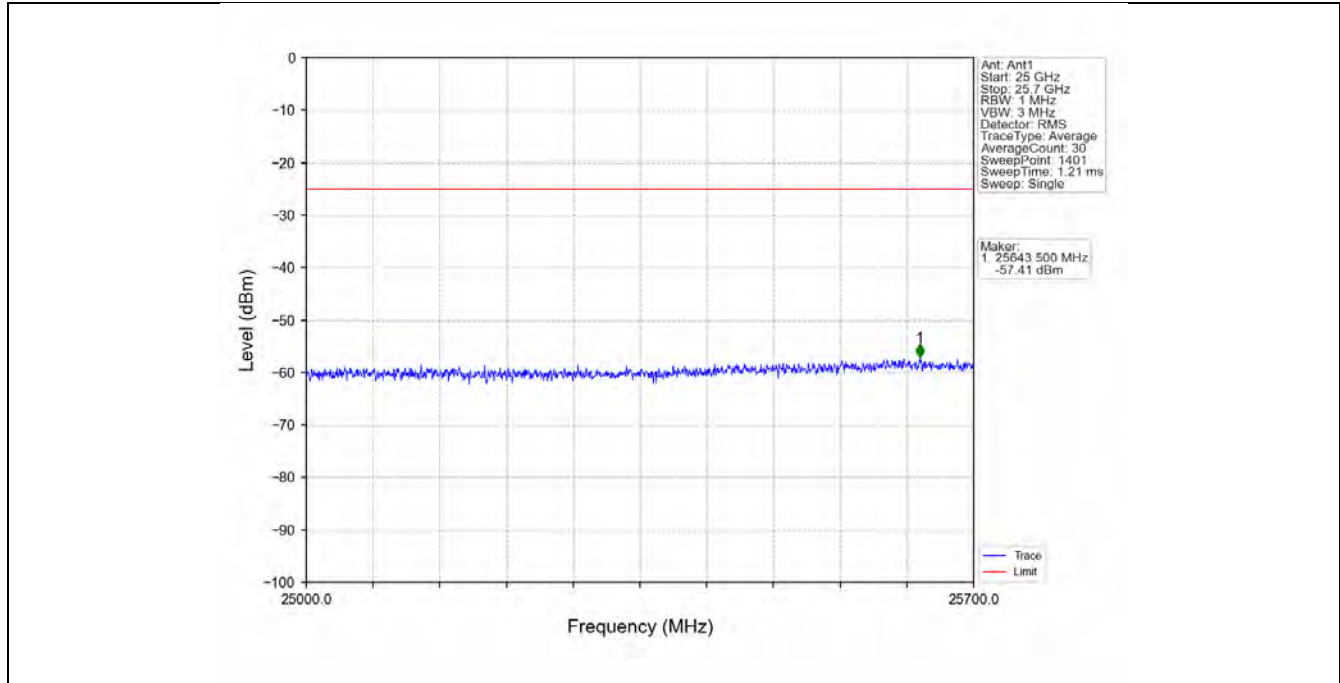


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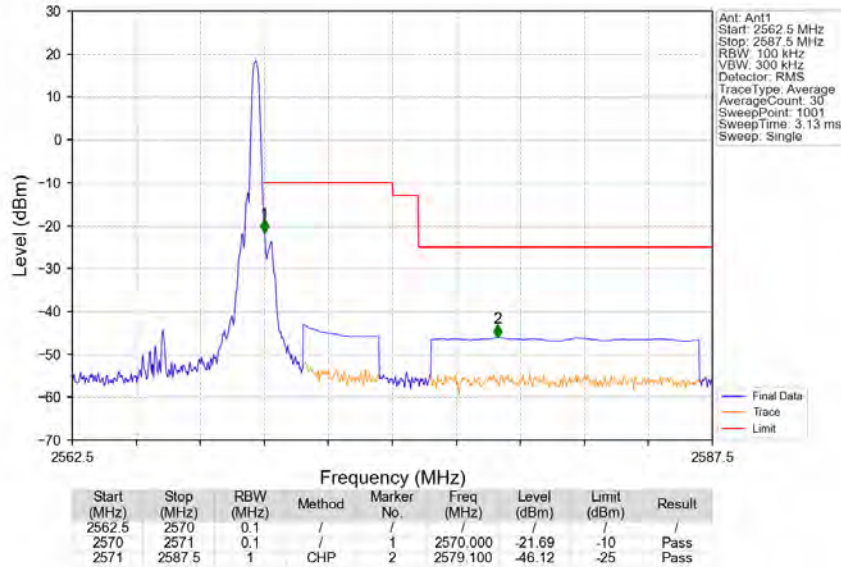
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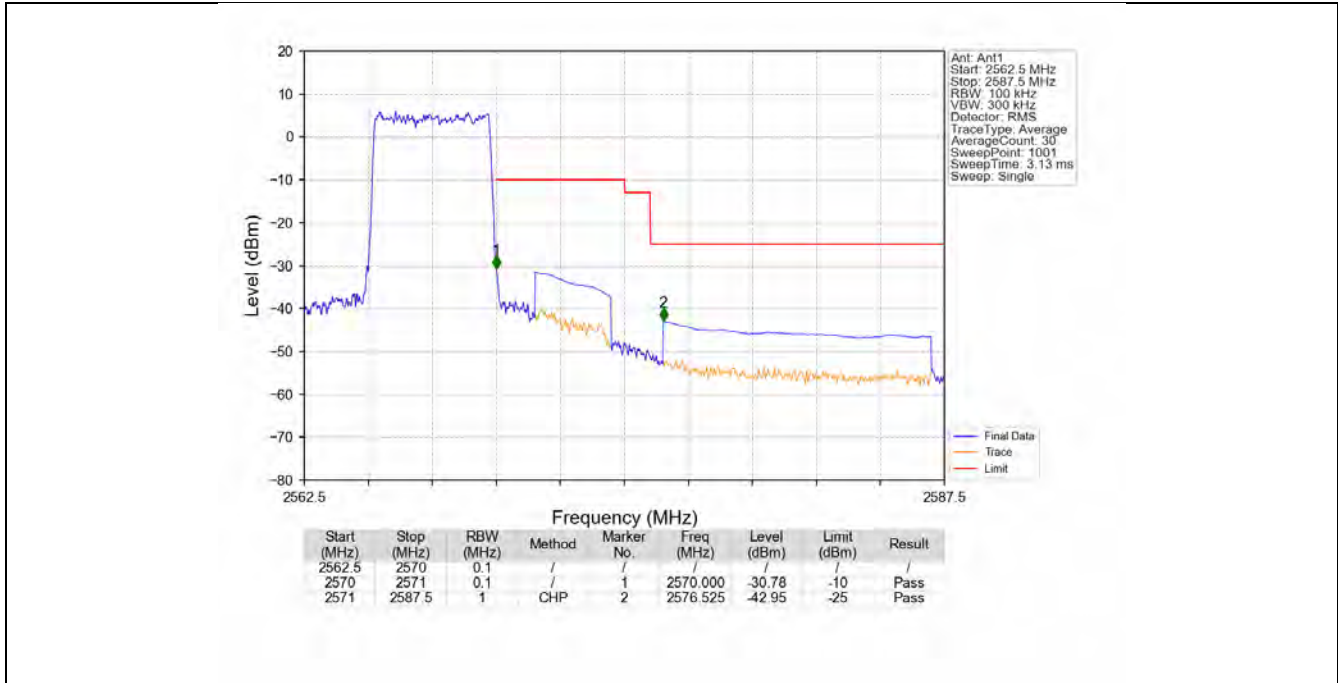


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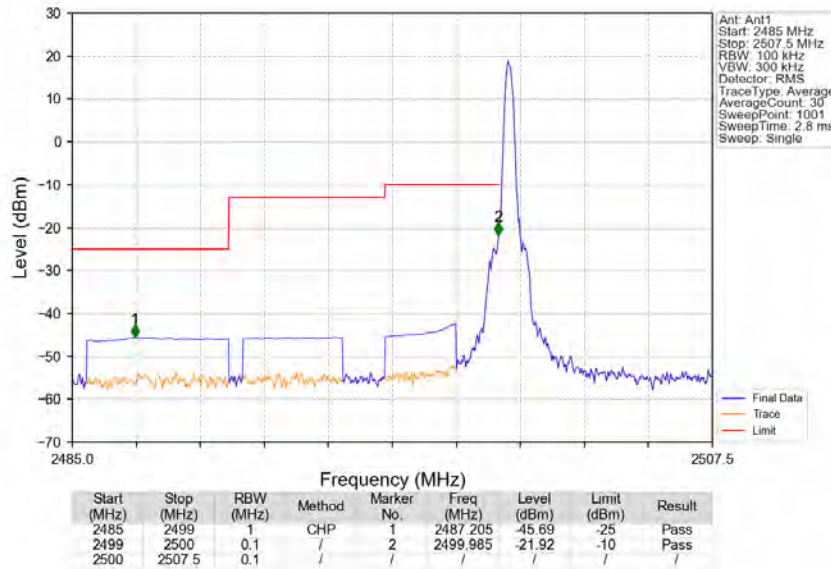
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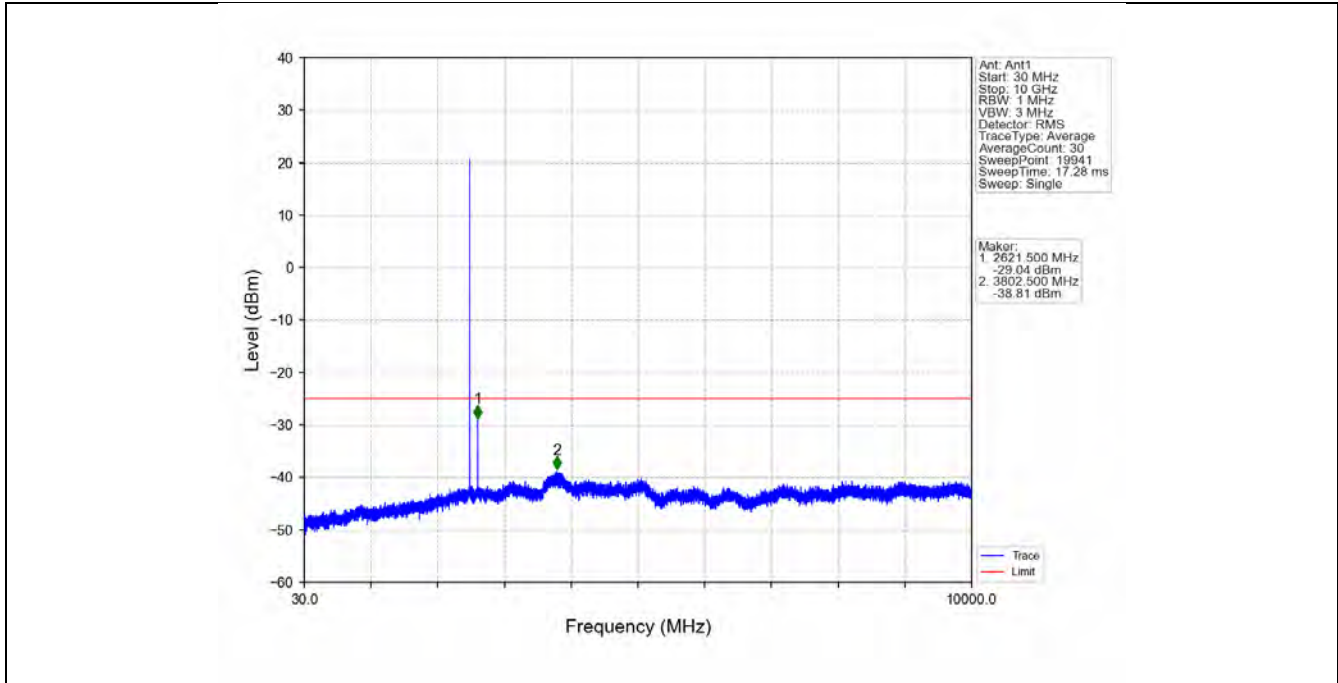


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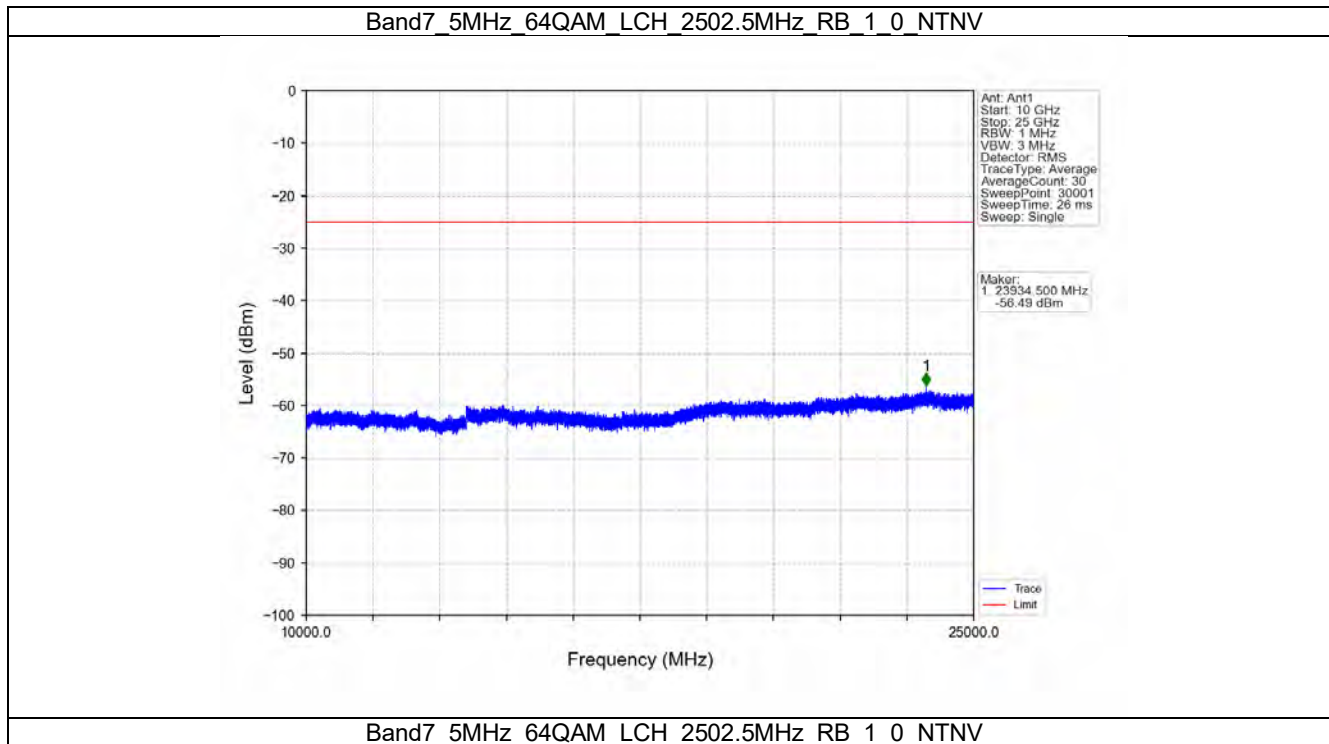
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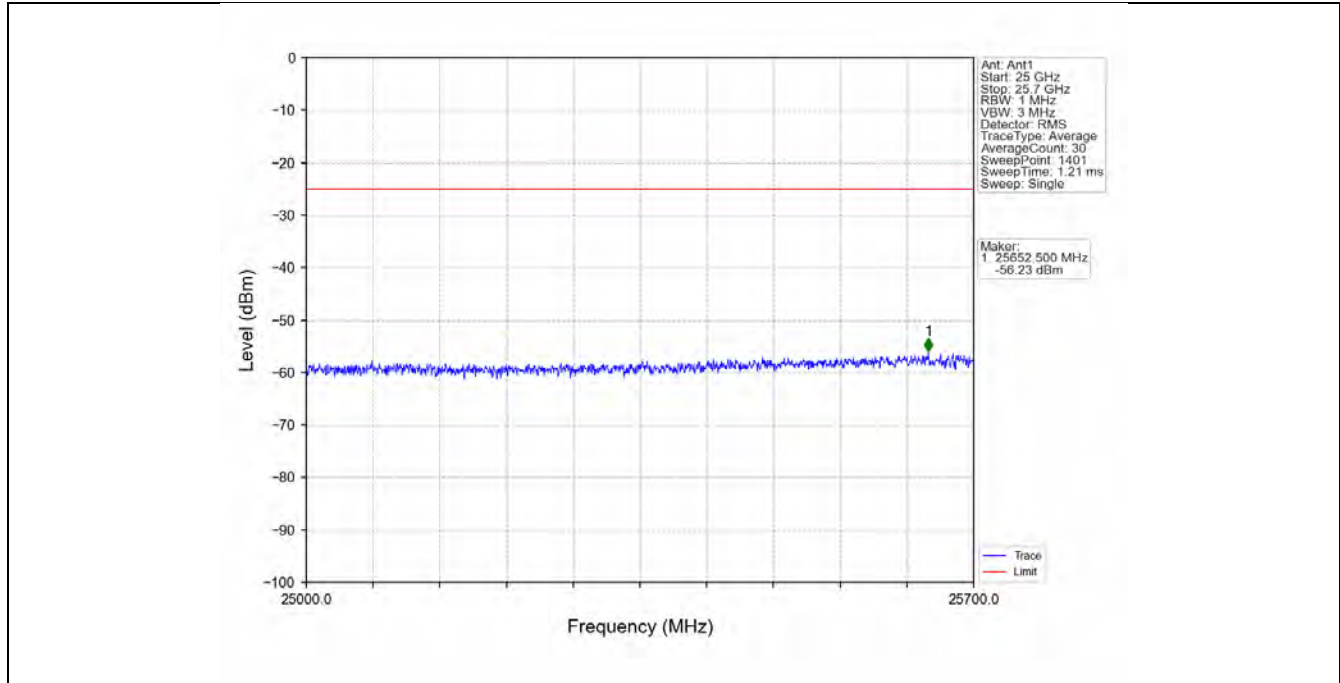


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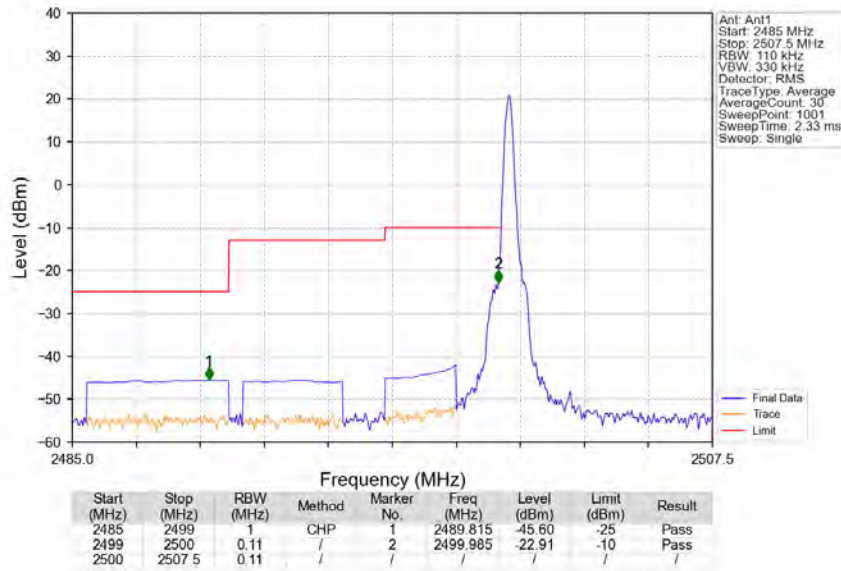
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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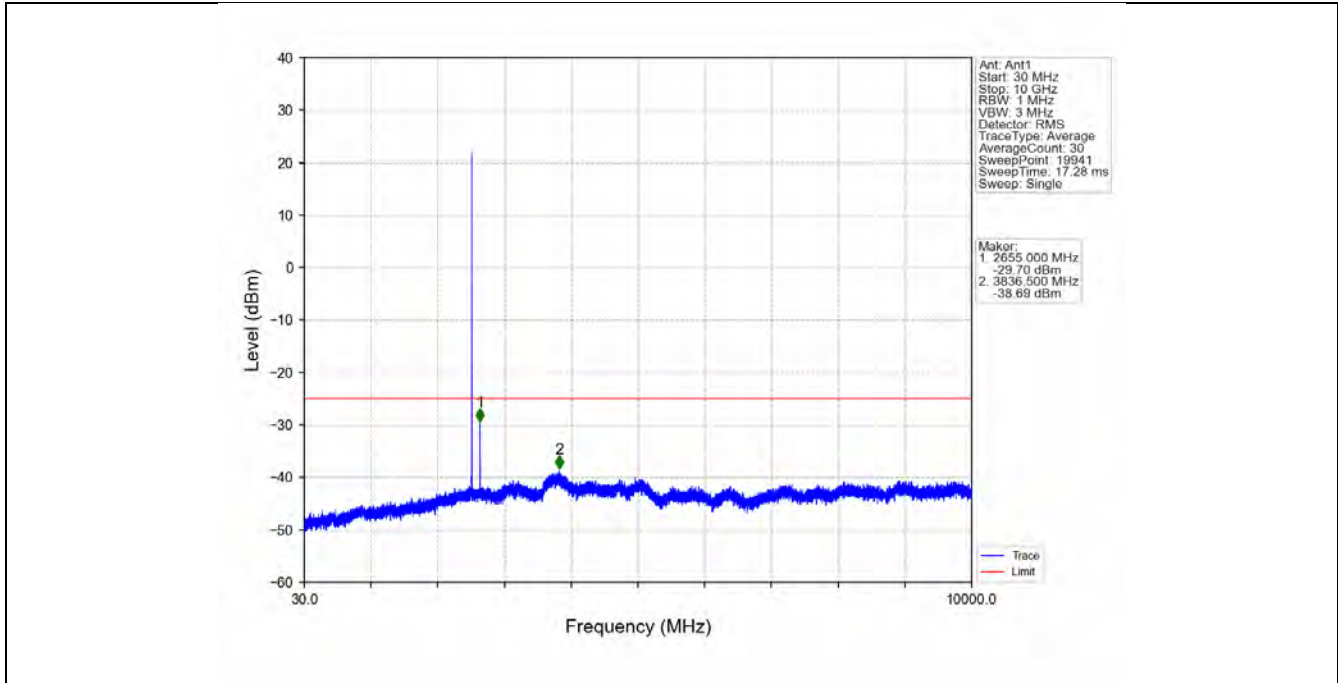


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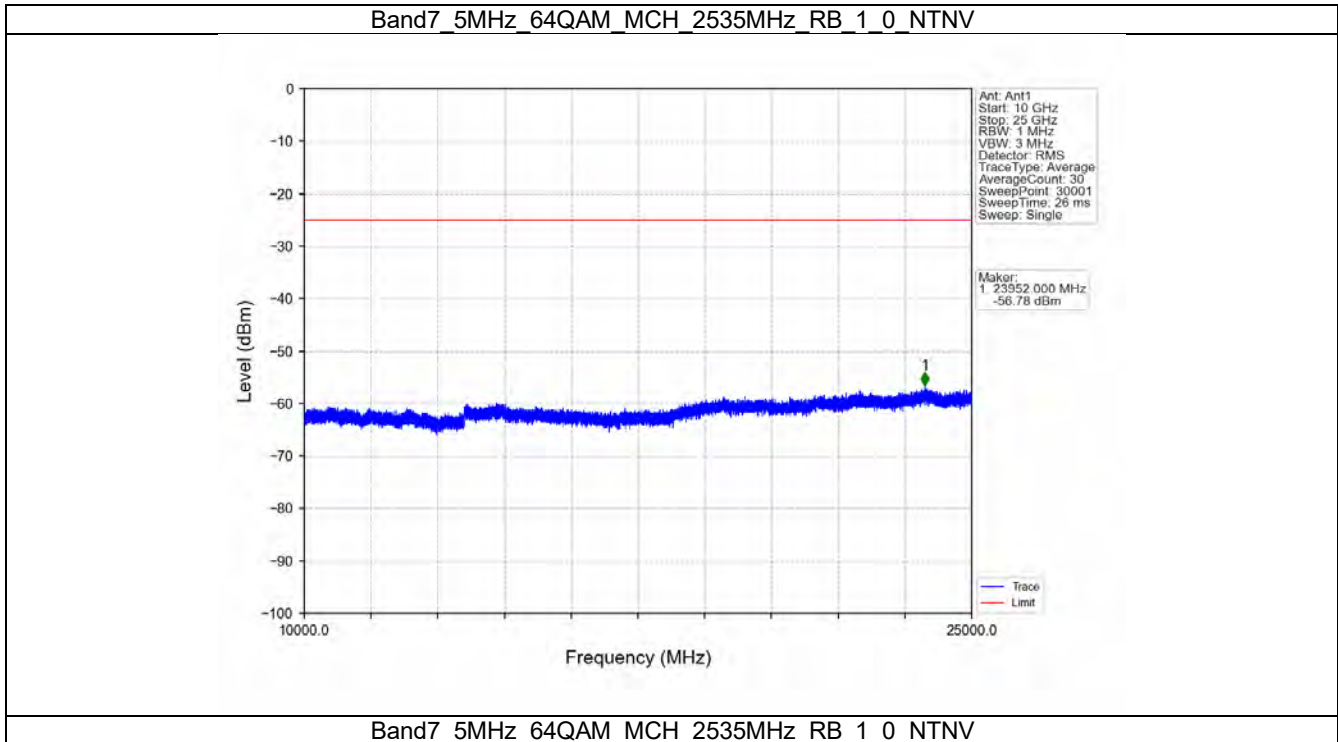


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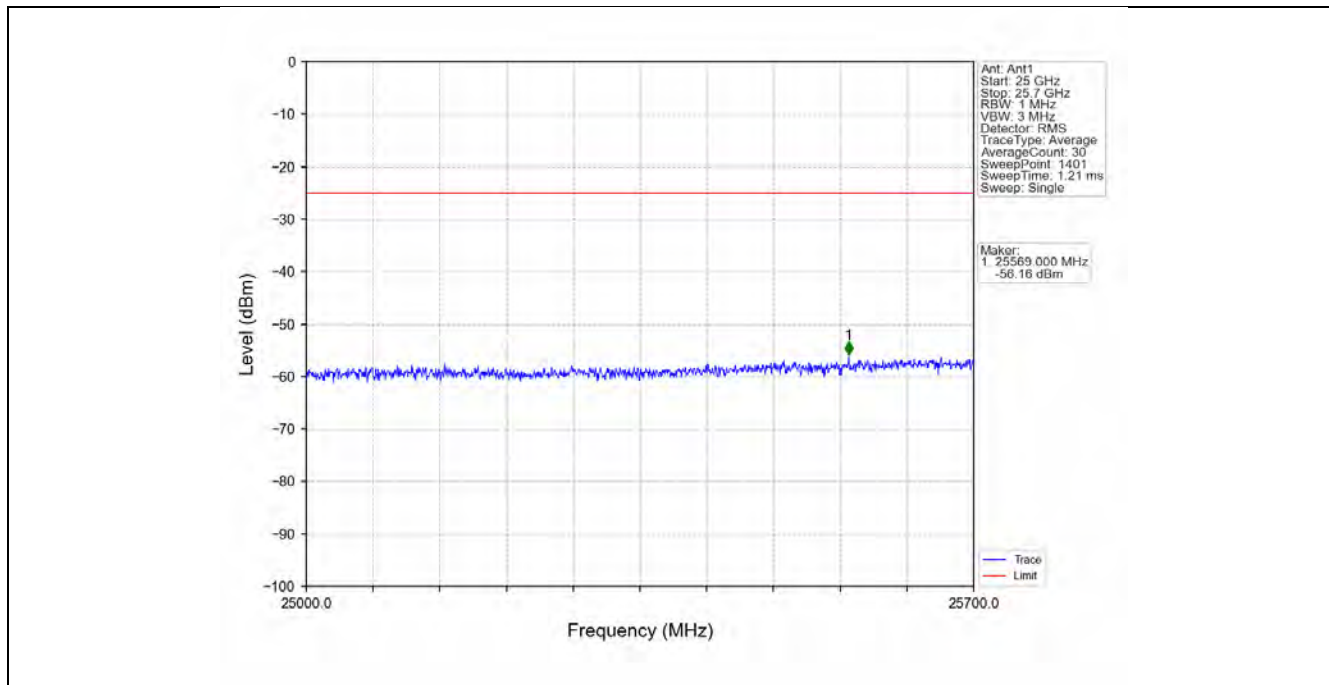
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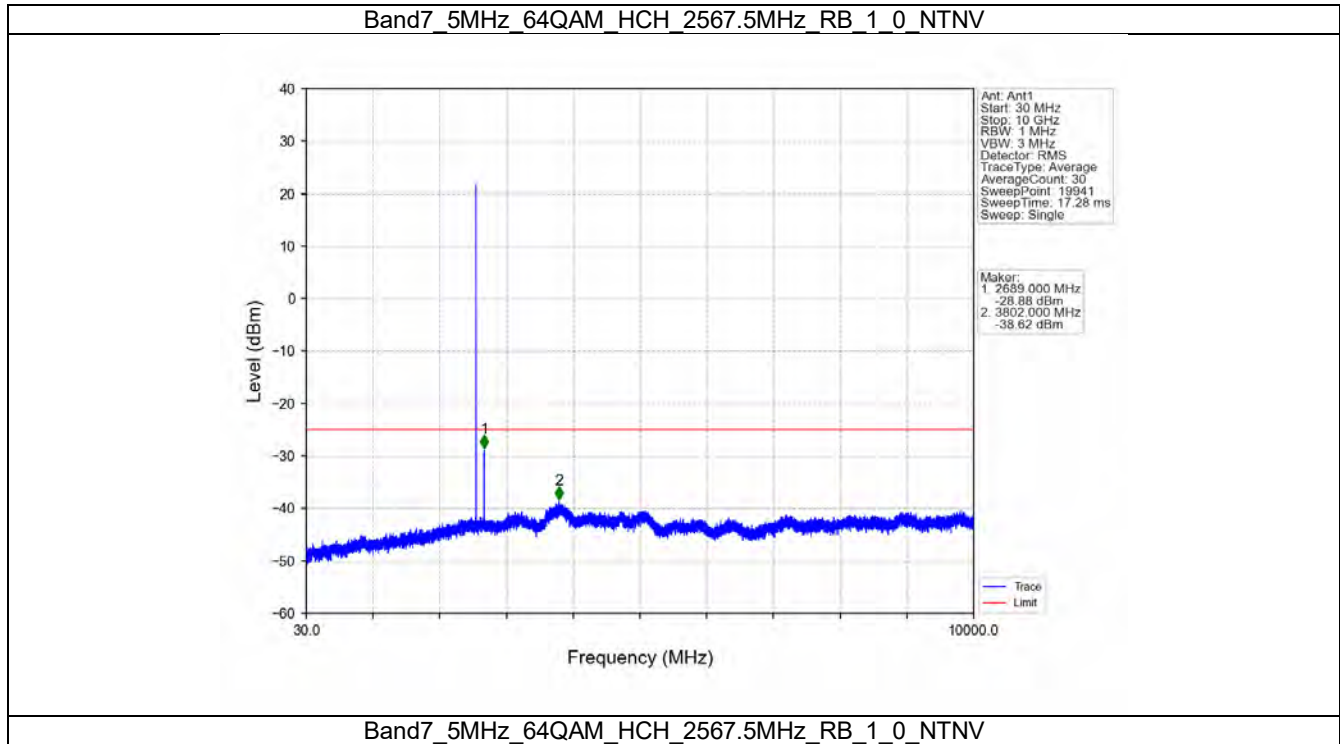


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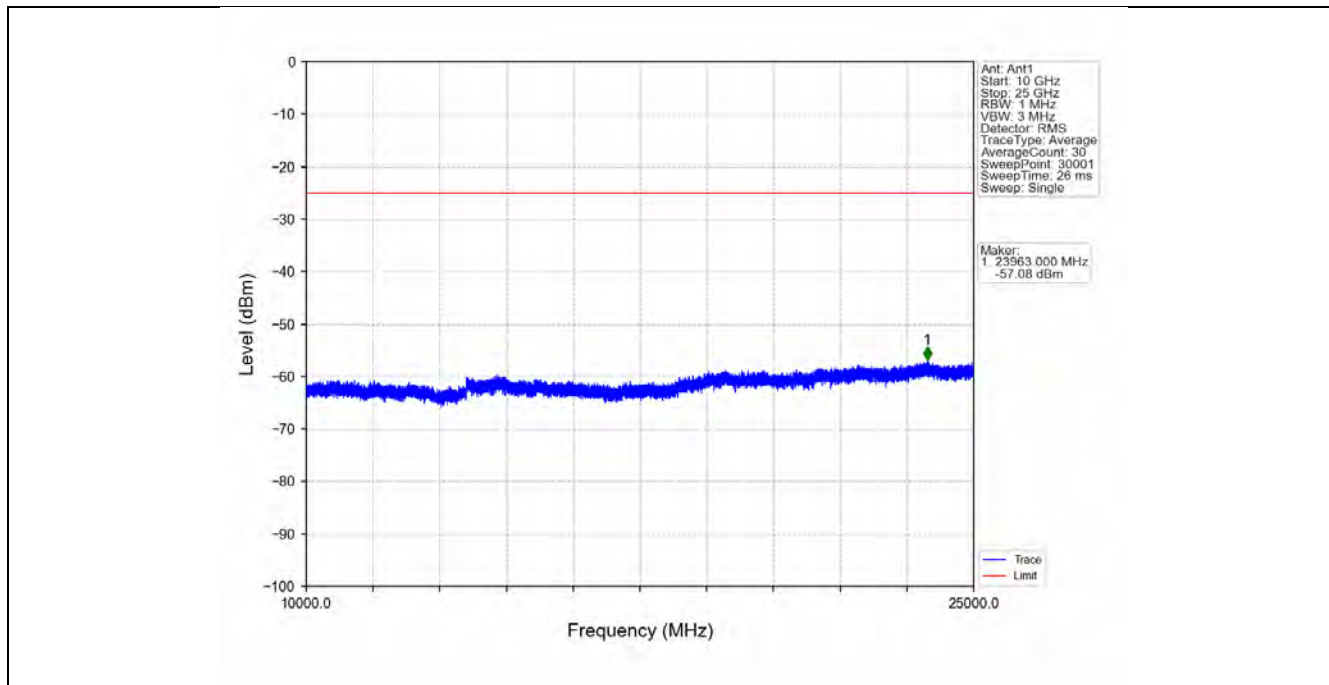
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