

Appendix B for KSCR2207001116AT-FCC-LTE-Band7

1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2502.5	1	0	21.08	0.52	21.60	<=33.01	Pass		
			13	21.23	0.52	21.75	<=33.01	Pass		
			24	21.14	0.52	21.66	<=33.01	Pass		
		12	0	20.28	0.52	20.80	<=33.01	Pass		
			6	20.34	0.52	20.86	<=33.01	Pass		
			13	20.25	0.52	20.77	<=33.01	Pass		
		25	0	20.30	0.52	20.82	<=33.01	Pass		
		2535	1	0	21.04	0.52	21.56	<=33.01	Pass	
				13	21.12	0.52	21.64	<=33.01	Pass	
	24			21.01	0.52	21.53	<=33.01	Pass		
	12		0	20.15	0.52	20.67	<=33.01	Pass		
			6	20.16	0.52	20.68	<=33.01	Pass		
			13	20.07	0.52	20.59	<=33.01	Pass		
	25		0	20.13	0.52	20.65	<=33.01	Pass		
	2567.5		1	0	20.31	0.52	20.83	<=33.01	Pass	
				13	20.47	0.52	20.99	<=33.01	Pass	
		24		20.26	0.52	20.78	<=33.01	Pass		
		12	0	19.51	0.52	20.03	<=33.01	Pass		
			6	19.50	0.52	20.02	<=33.01	Pass		
			13	19.37	0.52	19.89	<=33.01	Pass		
		25	0	19.44	0.52	19.96	<=33.01	Pass		
		16QAM	2502.5	1	0	20.21	0.52	20.73	<=33.01	Pass
					13	20.42	0.52	20.94	<=33.01	Pass
	24				20.29	0.52	20.81	<=33.01	Pass	
12	0			19.25	0.52	19.77	<=33.01	Pass		
	6			19.30	0.52	19.82	<=33.01	Pass		
	13			19.30	0.52	19.82	<=33.01	Pass		
25	0			19.33	0.52	19.85	<=33.01	Pass		
2535	1			0	20.23	0.52	20.75	<=33.01	Pass	
				13	20.36	0.52	20.88	<=33.01	Pass	
			24	20.19	0.52	20.71	<=33.01	Pass		
	12		0	19.21	0.52	19.73	<=33.01	Pass		
			6	19.24	0.52	19.76	<=33.01	Pass		
			13	19.15	0.52	19.67	<=33.01	Pass		
	25		0	19.23	0.52	19.75	<=33.01	Pass		
	2567.5		1	0	19.59	0.52	20.11	<=33.01	Pass	
				13	19.69	0.52	20.21	<=33.01	Pass	
24				19.56	0.52	20.08	<=33.01	Pass		
12			0	18.57	0.52	19.09	<=33.01	Pass		
			6	18.54	0.52	19.06	<=33.01	Pass		
			13	18.42	0.52	18.94	<=33.01	Pass		

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64QAM	2502.5	25	0	18.46	0.52	18.98	<=33.01	Pass	
			1	0	19.10	0.52	19.62	<=33.01	Pass
				13	19.22	0.52	19.74	<=33.01	Pass
		12	24	19.14	0.52	19.66	<=33.01	Pass	
			0	18.26	0.52	18.78	<=33.01	Pass	
				6	18.33	0.52	18.85	<=33.01	Pass
	25	13	18.28	0.52	18.80	<=33.01	Pass		
		0	18.27	0.52	18.79	<=33.01	Pass		
			6	18.33	0.52	18.85	<=33.01	Pass	
	2535	1	0	19.37	0.52	19.89	<=33.01	Pass	
			13	19.53	0.52	20.05	<=33.01	Pass	
			24	19.36	0.52	19.88	<=33.01	Pass	
		12	0	18.25	0.52	18.77	<=33.01	Pass	
			6	18.23	0.52	18.75	<=33.01	Pass	
			13	18.12	0.52	18.64	<=33.01	Pass	
	25	0	18.18	0.52	18.70	<=33.01	Pass		
	2567.5	1	0	18.95	0.52	19.47	<=33.01	Pass	
			13	19.04	0.52	19.56	<=33.01	Pass	
			24	18.90	0.52	19.42	<=33.01	Pass	
		12	0	17.57	0.52	18.09	<=33.01	Pass	
			6	17.53	0.52	18.05	<=33.01	Pass	
			13	17.40	0.52	17.92	<=33.01	Pass	
		25	0	17.45	0.52	17.97	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B7_10MHz_EIRP

1.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	21.14	0.52	21.66	<=33.01	Pass
			25	21.34	0.52	21.86	<=33.01	Pass
			49	21.28	0.52	21.80	<=33.01	Pass
		25	0	20.34	0.52	20.86	<=33.01	Pass
			13	20.35	0.52	20.87	<=33.01	Pass
			25	20.38	0.52	20.90	<=33.01	Pass
	50	0	20.36	0.52	20.88	<=33.01	Pass	
	2535	1	0	21.10	0.52	21.62	<=33.01	Pass
			25	21.19	0.52	21.71	<=33.01	Pass
			49	21.03	0.52	21.55	<=33.01	Pass
		25	0	20.24	0.52	20.76	<=33.01	Pass
			13	20.17	0.52	20.69	<=33.01	Pass
			25	20.11	0.52	20.63	<=33.01	Pass
	50	0	20.14	0.52	20.66	<=33.01	Pass	
	2565	1	0	20.41	0.52	20.93	<=33.01	Pass
			25	20.43	0.52	20.95	<=33.01	Pass
			49	20.25	0.52	20.77	<=33.01	Pass
		25	0	19.55	0.52	20.07	<=33.01	Pass
			13	19.45	0.52	19.97	<=33.01	Pass
			25	19.31	0.52	19.83	<=33.01	Pass
		50	0	19.40	0.52	19.92	<=33.01	Pass

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16QAM	2505	1	0	20.33	0.52	20.85	<=33.01	Pass	
			25	20.61	0.52	21.13	<=33.01	Pass	
			49	20.51	0.52	21.03	<=33.01	Pass	
		25	0	19.37	0.52	19.89	<=33.01	Pass	
			13	19.38	0.52	19.90	<=33.01	Pass	
			25	19.41	0.52	19.93	<=33.01	Pass	
	50	0	19.36	0.52	19.88	<=33.01	Pass		
	2535	1	0	20.06	0.52	20.58	<=33.01	Pass	
			25	20.14	0.52	20.66	<=33.01	Pass	
			49	19.95	0.52	20.47	<=33.01	Pass	
		25	0	19.28	0.52	19.80	<=33.01	Pass	
			13	19.17	0.52	19.69	<=33.01	Pass	
			25	19.18	0.52	19.70	<=33.01	Pass	
		50	0	19.18	0.52	19.70	<=33.01	Pass	
		2565	1	0	19.67	0.52	20.19	<=33.01	Pass
				25	19.67	0.52	20.19	<=33.01	Pass
	49			19.50	0.52	20.02	<=33.01	Pass	
	25		0	18.58	0.52	19.10	<=33.01	Pass	
13			18.48	0.52	19.00	<=33.01	Pass		
25			18.35	0.52	18.87	<=33.01	Pass		
50	0		18.44	0.52	18.96	<=33.01	Pass		
64QAM	2505		1	0	19.15	0.52	19.67	<=33.01	Pass
				25	19.26	0.52	19.78	<=33.01	Pass
		49		19.26	0.52	19.78	<=33.01	Pass	
		25	0	18.29	0.52	18.81	<=33.01	Pass	
			13	18.37	0.52	18.89	<=33.01	Pass	
			25	18.35	0.52	18.87	<=33.01	Pass	
		50	0	18.26	0.52	18.78	<=33.01	Pass	
		2535	1	0	19.43	0.52	19.95	<=33.01	Pass
				25	19.53	0.52	20.05	<=33.01	Pass
	49			19.34	0.52	19.86	<=33.01	Pass	
	25		0	18.14	0.52	18.66	<=33.01	Pass	
			13	18.12	0.52	18.64	<=33.01	Pass	
			25	18.03	0.52	18.55	<=33.01	Pass	
	50		0	18.11	0.52	18.63	<=33.01	Pass	
	2565		1	0	18.43	0.52	18.95	<=33.01	Pass
				25	18.48	0.52	19.00	<=33.01	Pass
		49		18.26	0.52	18.78	<=33.01	Pass	
		25	0	17.46	0.52	17.98	<=33.01	Pass	
13			17.37	0.52	17.89	<=33.01	Pass		
25			17.20	0.52	17.72	<=33.01	Pass		
50		0	17.36	0.52	17.88	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B7_15MHz_EIRP

1.3.1 Test Result



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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	21.06	0.52	21.58	<=33.01	Pass		
			38	21.27	0.52	21.79	<=33.01	Pass		
			74	21.18	0.52	21.70	<=33.01	Pass		
		36	0	20.30	0.52	20.82	<=33.01	Pass		
			18	20.38	0.52	20.90	<=33.01	Pass		
			39	20.42	0.52	20.94	<=33.01	Pass		
		75	0	20.34	0.52	20.86	<=33.01	Pass		
		2535	1	0	21.04	0.52	21.56	<=33.01	Pass	
				38	21.11	0.52	21.63	<=33.01	Pass	
	74			20.93	0.52	21.45	<=33.01	Pass		
	36		0	20.18	0.52	20.70	<=33.01	Pass		
			18	20.16	0.52	20.68	<=33.01	Pass		
			39	20.08	0.52	20.60	<=33.01	Pass		
	75		0	20.13	0.52	20.65	<=33.01	Pass		
	2562.5		1	0	20.50	0.52	21.02	<=33.01	Pass	
				38	20.41	0.52	20.93	<=33.01	Pass	
		74		20.16	0.52	20.68	<=33.01	Pass		
		36	0	19.58	0.52	20.10	<=33.01	Pass		
			18	19.50	0.52	20.02	<=33.01	Pass		
			39	19.29	0.52	19.81	<=33.01	Pass		
		75	0	19.49	0.52	20.01	<=33.01	Pass		
		16QAM	2507.5	1	0	20.27	0.52	20.79	<=33.01	Pass
					38	20.49	0.52	21.01	<=33.01	Pass
	74				20.41	0.52	20.93	<=33.01	Pass	
36	0			19.30	0.52	19.82	<=33.01	Pass		
	18			19.37	0.52	19.89	<=33.01	Pass		
	39			19.42	0.52	19.94	<=33.01	Pass		
75	0			19.31	0.52	19.83	<=33.01	Pass		
2535	1			0	19.98	0.52	20.50	<=33.01	Pass	
				38	20.00	0.52	20.52	<=33.01	Pass	
			74	19.84	0.52	20.36	<=33.01	Pass		
	36		0	19.14	0.52	19.66	<=33.01	Pass		
			18	19.10	0.52	19.62	<=33.01	Pass		
			39	18.99	0.52	19.51	<=33.01	Pass		
	75		0	19.14	0.52	19.66	<=33.01	Pass		
	2562.5		1	0	19.85	0.52	20.37	<=33.01	Pass	
				38	19.72	0.52	20.24	<=33.01	Pass	
74				19.53	0.52	20.05	<=33.01	Pass		
36			0	18.63	0.52	19.15	<=33.01	Pass		
			18	18.52	0.52	19.04	<=33.01	Pass		
			39	18.35	0.52	18.87	<=33.01	Pass		
75			0	18.46	0.52	18.98	<=33.01	Pass		
64QAM			2507.5	1	0	19.07	0.52	19.59	<=33.01	Pass
					38	19.32	0.52	19.84	<=33.01	Pass
	74				19.20	0.52	19.72	<=33.01	Pass	
	36	0		18.33	0.52	18.85	<=33.01	Pass		
		18		18.37	0.52	18.89	<=33.01	Pass		
		39		18.38	0.52	18.90	<=33.01	Pass		
	75	0		18.32	0.52	18.84	<=33.01	Pass		
	2535	1		0	19.35	0.52	19.87	<=33.01	Pass	
				38	19.44	0.52	19.96	<=33.01	Pass	



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	36	74	19.22	0.52	19.74	<=33.01	Pass	
		0	18.12	0.52	18.64	<=33.01	Pass	
		18	18.13	0.52	18.65	<=33.01	Pass	
		39	17.94	0.52	18.46	<=33.01	Pass	
	75	0	18.07	0.52	18.59	<=33.01	Pass	
	2562.5	1	0	18.90	0.52	19.42	<=33.01	Pass
			38	18.75	0.52	19.27	<=33.01	Pass
			74	18.58	0.52	19.10	<=33.01	Pass
		36	0	17.50	0.52	18.02	<=33.01	Pass
			18	17.46	0.52	17.98	<=33.01	Pass
			39	17.29	0.52	17.81	<=33.01	Pass
	75	0	17.42	0.52	17.94	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

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	20.92	0.52	21.44	<=33.01	Pass	
			50	21.49	0.52	22.01	<=33.01	Pass	
			99	21.01	0.52	21.53	<=33.01	Pass	
		50	0	20.32	0.52	20.84	<=33.01	Pass	
			25	20.35	0.52	20.87	<=33.01	Pass	
			50	20.43	0.52	20.95	<=33.01	Pass	
	100	0	20.37	0.52	20.89	<=33.01	Pass		
	2535	1	0	20.81	0.52	21.33	<=33.01	Pass	
			50	21.05	0.52	21.57	<=33.01	Pass	
			99	20.65	0.52	21.17	<=33.01	Pass	
		50	0	20.19	0.52	20.71	<=33.01	Pass	
			25	20.16	0.52	20.68	<=33.01	Pass	
			50	20.05	0.52	20.57	<=33.01	Pass	
	100	0	20.11	0.52	20.63	<=33.01	Pass		
	2560	1	0	20.69	0.52	21.21	<=33.01	Pass	
			50	20.68	0.52	21.20	<=33.01	Pass	
			99	20.13	0.52	20.65	<=33.01	Pass	
		50	0	19.63	0.52	20.15	<=33.01	Pass	
			25	19.61	0.52	20.13	<=33.01	Pass	
			50	19.37	0.52	19.89	<=33.01	Pass	
	100	0	19.51	0.52	20.03	<=33.01	Pass		
	16QAM	2510	1	0	20.18	0.52	20.70	<=33.01	Pass
				50	20.65	0.52	21.17	<=33.01	Pass
				99	20.23	0.52	20.75	<=33.01	Pass
50			0	19.36	0.52	19.88	<=33.01	Pass	
			25	19.35	0.52	19.87	<=33.01	Pass	
			50	19.46	0.52	19.98	<=33.01	Pass	
100		0	19.39	0.52	19.91	<=33.01	Pass		
2535		1	0	20.03	0.52	20.55	<=33.01	Pass	
			50	20.30	0.52	20.82	<=33.01	Pass	
			99	19.79	0.52	20.31	<=33.01	Pass	

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		50	0	19.28	0.52	19.80	<=33.01	Pass	
			25	19.25	0.52	19.77	<=33.01	Pass	
			50	19.11	0.52	19.63	<=33.01	Pass	
		100	0	19.12	0.52	19.64	<=33.01	Pass	
			1	0	19.84	0.52	20.36	<=33.01	Pass
				50	19.80	0.52	20.32	<=33.01	Pass
	99	19.28		0.52	19.80	<=33.01	Pass		
	2560	50	0	18.73	0.52	19.25	<=33.01	Pass	
			25	18.64	0.52	19.16	<=33.01	Pass	
			50	18.41	0.52	18.93	<=33.01	Pass	
		100	0	18.55	0.52	19.07	<=33.01	Pass	
			1	0	19.37	0.52	19.89	<=33.01	Pass
50				19.90	0.52	20.42	<=33.01	Pass	
99	19.37	0.52		19.89	<=33.01	Pass			
64QAM	2510	1	0	18.33	0.52	18.85	<=33.01	Pass	
			25	18.38	0.52	18.90	<=33.01	Pass	
			50	18.47	0.52	18.99	<=33.01	Pass	
		50	0	18.38	0.52	18.90	<=33.01	Pass	
			1	0	18.91	0.52	19.43	<=33.01	Pass
				50	19.22	0.52	19.74	<=33.01	Pass
		99		18.72	0.52	19.24	<=33.01	Pass	
		2535	50	0	18.20	0.52	18.72	<=33.01	Pass
				25	18.17	0.52	18.69	<=33.01	Pass
	50			18.06	0.52	18.58	<=33.01	Pass	
	100		0	18.12	0.52	18.64	<=33.01	Pass	
			1	0	19.05	0.52	19.57	<=33.01	Pass
				50	19.02	0.52	19.54	<=33.01	Pass
	99	18.47		0.52	18.99	<=33.01	Pass		
	2560	50	0	17.68	0.52	18.20	<=33.01	Pass	
			25	17.65	0.52	18.17	<=33.01	Pass	
			50	17.41	0.52	17.93	<=33.01	Pass	
		100	0	17.62	0.52	18.14	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

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	3.23	3.133	0.0013	-2.5 to 2.5	Pass	
					3.80	1.431	0.0006	-2.5 to 2.5	Pass	
					4.37	2.432	0.0010	-2.5 to 2.5	Pass	
					-30	3.80	1.359	0.0005	-2.5 to 2.5	Pass
					-20	3.80	3.090	0.0012	-2.5 to 2.5	Pass
					-10	3.80	-0.215	-0.0001	-2.5 to 2.5	Pass

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16QAM	2535	25	0	0	3.80	0.772	0.0003	-2.5 to 2.5	Pass			
				10	3.80	2.832	0.0011	-2.5 to 2.5	Pass			
				30	3.80	0.129	0.0001	-2.5 to 2.5	Pass			
				40	3.80	0.401	0.0002	-2.5 to 2.5	Pass			
				50	3.80	2.260	0.0009	-2.5 to 2.5	Pass			
				20	25	0	3.23	-4.635	-0.0018	-2.5 to 2.5	Pass	
							3.80	-5.822	-0.0023	-2.5 to 2.5	Pass	
							4.37	-4.206	-0.0017	-2.5 to 2.5	Pass	
							-30	3.80	-5.221	-0.0021	-2.5 to 2.5	Pass
							-20	3.80	-1.674	-0.0007	-2.5 to 2.5	Pass
							-10	3.80	-1.974	-0.0008	-2.5 to 2.5	Pass
							0	3.80	-1.731	-0.0007	-2.5 to 2.5	Pass
							10	3.80	-2.174	-0.0009	-2.5 to 2.5	Pass
							30	3.80	-1.059	-0.0004	-2.5 to 2.5	Pass
				2567.5	25	0	3.23	0.758	0.0003	-2.5 to 2.5	Pass	
	3.80	-1.559	-0.0006				-2.5 to 2.5	Pass				
	4.37	0.129	0.0001				-2.5 to 2.5	Pass				
	-30	3.80	1.731				0.0007	-2.5 to 2.5	Pass			
	-20	3.80	3.347				0.0013	-2.5 to 2.5	Pass			
	-10	3.80	1.345				0.0005	-2.5 to 2.5	Pass			
	0	3.80	1.545				0.0006	-2.5 to 2.5	Pass			
	10	3.80	3.662				0.0014	-2.5 to 2.5	Pass			
	30	3.80	-0.916				-0.0004	-2.5 to 2.5	Pass			
	2502.5	25	0	3.23	2.975	0.0012	-2.5 to 2.5	Pass				
				3.80	0.501	0.0002	-2.5 to 2.5	Pass				
				4.37	2.360	0.0009	-2.5 to 2.5	Pass				
				-30	3.80	4.392	0.0018	-2.5 to 2.5	Pass			
				-20	3.80	2.990	0.0012	-2.5 to 2.5	Pass			
				-10	3.80	1.245	0.0005	-2.5 to 2.5	Pass			
				0	3.80	1.459	0.0006	-2.5 to 2.5	Pass			
				10	3.80	2.575	0.0010	-2.5 to 2.5	Pass			
				30	3.80	2.532	0.0010	-2.5 to 2.5	Pass			
				40	3.80	3.848	0.0015	-2.5 to 2.5	Pass			
				50	3.80	1.287	0.0005	-2.5 to 2.5	Pass			
				2535	25	0	3.23	-1.230	-0.0005	-2.5 to 2.5	Pass	
							3.80	-2.832	-0.0011	-2.5 to 2.5	Pass	
							4.37	-3.090	-0.0012	-2.5 to 2.5	Pass	
							-30	3.80	-0.944	-0.0004	-2.5 to 2.5	Pass
	-20	3.80	-3.290				-0.0013	-2.5 to 2.5	Pass			
	-10	3.80	-4.392				-0.0017	-2.5 to 2.5	Pass			
	0	3.80	-4.864				-0.0019	-2.5 to 2.5	Pass			
	10	3.80	-4.292				-0.0017	-2.5 to 2.5	Pass			
	30	3.80	-5.307				-0.0021	-2.5 to 2.5	Pass			
	2567.5	25	0	3.23	1.230	0.0005	-2.5 to 2.5	Pass				
				3.80	1.416	0.0006	-2.5 to 2.5	Pass				
4.37				1.173	0.0005	-2.5 to 2.5	Pass					
-30				3.80	-0.887	-0.0003	-2.5 to 2.5	Pass				
-20				3.80	-2.346	-0.0009	-2.5 to 2.5	Pass				

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64QAM	2502.5	25	0	-10	3.80	-0.472	-0.0002	-2.5 to 2.5	Pass	
				0	3.80	-0.372	-0.0001	-2.5 to 2.5	Pass	
				10	3.80	-0.801	-0.0003	-2.5 to 2.5	Pass	
				30	3.80	-0.429	-0.0002	-2.5 to 2.5	Pass	
				40	3.80	-0.157	-0.0001	-2.5 to 2.5	Pass	
				50	3.80	-1.130	-0.0004	-2.5 to 2.5	Pass	
	2535	25	0	20	3.23	0.229	0.0001	-2.5 to 2.5	Pass	
					3.80	2.089	0.0008	-2.5 to 2.5	Pass	
					4.37	2.689	0.0011	-2.5 to 2.5	Pass	
		-30	3.80	1.659	0.0007	-2.5 to 2.5	Pass			
		-20	3.80	0.672	0.0003	-2.5 to 2.5	Pass			
		-10	3.80	0.644	0.0003	-2.5 to 2.5	Pass			
		0	3.80	0.343	0.0001	-2.5 to 2.5	Pass			
		10	3.80	1.888	0.0008	-2.5 to 2.5	Pass			
		30	3.80	1.802	0.0007	-2.5 to 2.5	Pass			
		40	3.80	-0.229	-0.0001	-2.5 to 2.5	Pass			
		50	3.80	0.486	0.0002	-2.5 to 2.5	Pass			
		2567.5	25	0	20	3.23	-3.333	-0.0013	-2.5 to 2.5	Pass
						3.80	-3.619	-0.0014	-2.5 to 2.5	Pass
						4.37	-3.161	-0.0012	-2.5 to 2.5	Pass
			-30	3.80	-3.605	-0.0014	-2.5 to 2.5	Pass		
-20	3.80		-4.463	-0.0018	-2.5 to 2.5	Pass				
-10	3.80		-3.462	-0.0014	-2.5 to 2.5	Pass				
0	3.80		-4.706	-0.0019	-2.5 to 2.5	Pass				
10	3.80		0.572	0.0002	-2.5 to 2.5	Pass				
30	3.80		-1.974	-0.0008	-2.5 to 2.5	Pass				
40	3.80		-0.215	-0.0001	-2.5 to 2.5	Pass				
50	3.80		-3.147	-0.0012	-2.5 to 2.5	Pass				
2567.5	25		0	20	3.23	-0.944	-0.0004	-2.5 to 2.5	Pass	
		3.80			2.460	0.0010	-2.5 to 2.5	Pass		
		4.37			1.674	0.0007	-2.5 to 2.5	Pass		
	-30	3.80	1.116	0.0004	-2.5 to 2.5	Pass				
	-20	3.80	-1.616	-0.0006	-2.5 to 2.5	Pass				
	-10	3.80	-1.988	-0.0008	-2.5 to 2.5	Pass				
	0	3.80	-0.486	-0.0002	-2.5 to 2.5	Pass				
	10	3.80	0.887	0.0003	-2.5 to 2.5	Pass				
30	3.80	0.615	0.0002	-2.5 to 2.5	Pass					
40	3.80	1.073	0.0004	-2.5 to 2.5	Pass					
50	3.80	0.958	0.0004	-2.5 to 2.5	Pass					

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	3.23	-3.236	-0.0013	-2.5 to 2.5	Pass					
									3.80	-1.931	-0.0008	-2.5 to 2.5	Pass	
									4.37	-3.419	-0.0014	-2.5 to 2.5	Pass	
									-30	3.80	-4.749	-0.0019	-2.5 to 2.5	Pass
									-20	3.80	-4.807	-0.0019	-2.5 to 2.5	Pass



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16QAM	2535	50	0	-10	3.80	-3.662	-0.0015	-2.5 to 2.5	Pass			
				0	3.80	-3.462	-0.0014	-2.5 to 2.5	Pass			
				10	3.80	-2.775	-0.0011	-2.5 to 2.5	Pass			
				30	3.80	-4.363	-0.0017	-2.5 to 2.5	Pass			
				40	3.80	-5.293	-0.0021	-2.5 to 2.5	Pass			
				50	3.80	-3.147	-0.0013	-2.5 to 2.5	Pass			
	2565	50	0	20	3.23	-2.775	-0.0011	-2.5 to 2.5	Pass			
					3.80	-3.548	-0.0014	-2.5 to 2.5	Pass			
					4.37	-5.236	-0.0021	-2.5 to 2.5	Pass			
				-30	3.80	-1.173	-0.0005	-2.5 to 2.5	Pass			
				-20	3.80	-2.131	-0.0008	-2.5 to 2.5	Pass			
				-10	3.80	-2.432	-0.0010	-2.5 to 2.5	Pass			
				0	3.80	-4.649	-0.0018	-2.5 to 2.5	Pass			
				10	3.80	-5.322	-0.0021	-2.5 to 2.5	Pass			
				30	3.80	-4.148	-0.0016	-2.5 to 2.5	Pass			
				40	3.80	-4.506	-0.0018	-2.5 to 2.5	Pass			
				50	3.80	-2.546	-0.0010	-2.5 to 2.5	Pass			
				2505	50	0	20	3.23	-4.306	-0.0017	-2.5 to 2.5	Pass
	3.80	-3.319	-0.0013					-2.5 to 2.5	Pass			
	4.37	-3.805	-0.0015					-2.5 to 2.5	Pass			
	-30	3.80	-2.031				-0.0008	-2.5 to 2.5	Pass			
	-20	3.80	-4.120				-0.0016	-2.5 to 2.5	Pass			
	-10	3.80	-3.190				-0.0012	-2.5 to 2.5	Pass			
	0	3.80	-4.020				-0.0016	-2.5 to 2.5	Pass			
	10	3.80	-5.021				-0.0020	-2.5 to 2.5	Pass			
	30	3.80	-1.831				-0.0007	-2.5 to 2.5	Pass			
	40	3.80	-1.302				-0.0005	-2.5 to 2.5	Pass			
	50	3.80	-4.692				-0.0018	-2.5 to 2.5	Pass			
	2535	50	0				20	3.23	-2.918	-0.0012	-2.5 to 2.5	Pass
								3.80	-3.705	-0.0015	-2.5 to 2.5	Pass
								4.37	-3.934	-0.0016	-2.5 to 2.5	Pass
							-30	3.80	-6.080	-0.0024	-2.5 to 2.5	Pass
				-20	3.80	-2.003	-0.0008	-2.5 to 2.5	Pass			
-10				3.80	-2.804	-0.0011	-2.5 to 2.5	Pass				
0				3.80	-4.663	-0.0019	-2.5 to 2.5	Pass				
10				3.80	-2.475	-0.0010	-2.5 to 2.5	Pass				
30				3.80	-4.749	-0.0019	-2.5 to 2.5	Pass				
40				3.80	-3.018	-0.0012	-2.5 to 2.5	Pass				
50				3.80	-4.063	-0.0016	-2.5 to 2.5	Pass				
2565				50	0	20	3.23	-2.475	-0.0010	-2.5 to 2.5	Pass	
							3.80	-2.704	-0.0011	-2.5 to 2.5	Pass	
							4.37	-1.330	-0.0005	-2.5 to 2.5	Pass	
						-30	3.80	-4.091	-0.0016	-2.5 to 2.5	Pass	
	-20	3.80	-2.317			-0.0009	-2.5 to 2.5	Pass				
	-10	3.80	-2.732			-0.0011	-2.5 to 2.5	Pass				
	0	3.80	-1.059			-0.0004	-2.5 to 2.5	Pass				
	10	3.80	-2.174			-0.0009	-2.5 to 2.5	Pass				
	30	3.80	-3.877			-0.0015	-2.5 to 2.5	Pass				
2535	50	0	20	3.23	-1.187	-0.0005	-2.5 to 2.5	Pass				
				3.80	-3.762	-0.0015	-2.5 to 2.5	Pass				
				4.37	-1.974	-0.0008	-2.5 to 2.5	Pass				
			-30	3.80	-2.103	-0.0008	-2.5 to 2.5	Pass				

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				-20	3.80	-3.791	-0.0015	-2.5 to 2.5	Pass			
				-10	3.80	-1.845	-0.0007	-2.5 to 2.5	Pass			
				0	3.80	-2.303	-0.0009	-2.5 to 2.5	Pass			
				10	3.80	-1.745	-0.0007	-2.5 to 2.5	Pass			
				30	3.80	-1.388	-0.0005	-2.5 to 2.5	Pass			
				40	3.80	-2.375	-0.0009	-2.5 to 2.5	Pass			
				50	3.80	-2.503	-0.0010	-2.5 to 2.5	Pass			
64QAM	2505	50	0	20	3.23	-1.402	-0.0006	-2.5 to 2.5	Pass			
					3.80	-4.420	-0.0018	-2.5 to 2.5	Pass			
					4.37	-1.888	-0.0008	-2.5 to 2.5	Pass			
				-30	3.80	-2.732	-0.0011	-2.5 to 2.5	Pass			
				-20	3.80	-3.033	-0.0012	-2.5 to 2.5	Pass			
				-10	3.80	-2.947	-0.0012	-2.5 to 2.5	Pass			
				0	3.80	-1.488	-0.0006	-2.5 to 2.5	Pass			
				10	3.80	-4.678	-0.0019	-2.5 to 2.5	Pass			
				30	3.80	-3.319	-0.0013	-2.5 to 2.5	Pass			
				40	3.80	-3.190	-0.0013	-2.5 to 2.5	Pass			
				50	3.80	-2.289	-0.0009	-2.5 to 2.5	Pass			
				2535	50	0	20	3.23	-4.034	-0.0016	-2.5 to 2.5	Pass
								3.80	-4.978	-0.0020	-2.5 to 2.5	Pass
								4.37	-4.106	-0.0016	-2.5 to 2.5	Pass
							-30	3.80	-5.307	-0.0021	-2.5 to 2.5	Pass
	-20	3.80	-2.475				-0.0010	-2.5 to 2.5	Pass			
	-10	3.80	-2.747				-0.0011	-2.5 to 2.5	Pass			
	0	3.80	-3.891				-0.0015	-2.5 to 2.5	Pass			
	10	3.80	-4.606				-0.0018	-2.5 to 2.5	Pass			
	30	3.80	-2.346				-0.0009	-2.5 to 2.5	Pass			
	40	3.80	-2.375				-0.0009	-2.5 to 2.5	Pass			
	50	3.80	-4.492				-0.0018	-2.5 to 2.5	Pass			
	2565	50	0				20	3.23	-1.531	-0.0006	-2.5 to 2.5	Pass
								3.80	-3.319	-0.0013	-2.5 to 2.5	Pass
								4.37	-3.419	-0.0013	-2.5 to 2.5	Pass
							-30	3.80	-4.177	-0.0016	-2.5 to 2.5	Pass
				-20	3.80	-1.245	-0.0005	-2.5 to 2.5	Pass			
				-10	3.80	-2.832	-0.0011	-2.5 to 2.5	Pass			
				0	3.80	-4.077	-0.0016	-2.5 to 2.5	Pass			
				10	3.80	-5.479	-0.0021	-2.5 to 2.5	Pass			
30				3.80	-1.674	-0.0007	-2.5 to 2.5	Pass				
40				3.80	-1.488	-0.0006	-2.5 to 2.5	Pass				
50				3.80	-0.815	-0.0003	-2.5 to 2.5	Pass				

2.3 B7_15MHz

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	3.23	0.815	0.0003	-2.5 to 2.5	Pass				
									3.80	-0.029	0.0000	-2.5 to 2.5	Pass
									4.37	0.257	0.0001	-2.5 to 2.5	Pass
									-30	3.80	0.029	0.0000	-2.5 to 2.5



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16QAM	2535	75	0	-20	3.80	0.544	0.0002	-2.5 to 2.5	Pass			
				-10	3.80	1.802	0.0007	-2.5 to 2.5	Pass			
				0	3.80	1.345	0.0005	-2.5 to 2.5	Pass			
				10	3.80	0.587	0.0002	-2.5 to 2.5	Pass			
				30	3.80	-0.515	-0.0002	-2.5 to 2.5	Pass			
				40	3.80	0.973	0.0004	-2.5 to 2.5	Pass			
				50	3.80	0.572	0.0002	-2.5 to 2.5	Pass			
	2562.5	75	0	20	3.23	-3.119	-0.0012	-2.5 to 2.5	Pass			
					3.80	-1.187	-0.0005	-2.5 to 2.5	Pass			
					4.37	-2.532	-0.0010	-2.5 to 2.5	Pass			
				-30	3.80	-3.748	-0.0015	-2.5 to 2.5	Pass			
				-20	3.80	-4.334	-0.0017	-2.5 to 2.5	Pass			
				-10	3.80	-2.704	-0.0011	-2.5 to 2.5	Pass			
				0	3.80	-3.848	-0.0015	-2.5 to 2.5	Pass			
				10	3.80	-1.087	-0.0004	-2.5 to 2.5	Pass			
				30	3.80	-3.376	-0.0013	-2.5 to 2.5	Pass			
				40	3.80	-1.616	-0.0006	-2.5 to 2.5	Pass			
				50	3.80	-3.161	-0.0012	-2.5 to 2.5	Pass			
				2562.5	75	0	20	3.23	1.702	0.0007	-2.5 to 2.5	Pass
								3.80	2.675	0.0010	-2.5 to 2.5	Pass
								4.37	2.460	0.0010	-2.5 to 2.5	Pass
	-30	3.80	2.003				0.0008	-2.5 to 2.5	Pass			
	-20	3.80	3.333				0.0013	-2.5 to 2.5	Pass			
	-10	3.80	1.016				0.0004	-2.5 to 2.5	Pass			
	0	3.80	0.200				0.0001	-2.5 to 2.5	Pass			
	10	3.80	2.003				0.0008	-2.5 to 2.5	Pass			
	30	3.80	1.173				0.0005	-2.5 to 2.5	Pass			
	40	3.80	2.961				0.0012	-2.5 to 2.5	Pass			
	50	3.80	2.389				0.0009	-2.5 to 2.5	Pass			
	2507.5	75	0	20	3.23	0.501	0.0002	-2.5 to 2.5	Pass			
					3.80	1.488	0.0006	-2.5 to 2.5	Pass			
					4.37	1.602	0.0006	-2.5 to 2.5	Pass			
				-30	3.80	0.415	0.0002	-2.5 to 2.5	Pass			
				-20	3.80	0.529	0.0002	-2.5 to 2.5	Pass			
				-10	3.80	0.772	0.0003	-2.5 to 2.5	Pass			
				0	3.80	0.343	0.0001	-2.5 to 2.5	Pass			
				10	3.80	0.844	0.0003	-2.5 to 2.5	Pass			
				30	3.80	0.916	0.0004	-2.5 to 2.5	Pass			
				40	3.80	1.044	0.0004	-2.5 to 2.5	Pass			
				50	3.80	0.429	0.0002	-2.5 to 2.5	Pass			
				2535	75	0	20	3.23	-3.004	-0.0012	-2.5 to 2.5	Pass
								3.80	-4.106	-0.0016	-2.5 to 2.5	Pass
								4.37	-1.216	-0.0005	-2.5 to 2.5	Pass
	-30	3.80	-3.133				-0.0012	-2.5 to 2.5	Pass			
	-20	3.80	-4.177				-0.0016	-2.5 to 2.5	Pass			
-10	3.80	-2.832	-0.0011				-2.5 to 2.5	Pass				
0	3.80	-2.117	-0.0008				-2.5 to 2.5	Pass				
10	3.80	-1.731	-0.0007				-2.5 to 2.5	Pass				
30	3.80	-3.991	-0.0016				-2.5 to 2.5	Pass				
40	3.80	-2.604	-0.0010				-2.5 to 2.5	Pass				
50	3.80	-2.489	-0.0010				-2.5 to 2.5	Pass				
2562.5	75	0	20				3.23	1.917	0.0007	-2.5 to 2.5	Pass	
							3.80	2.432	0.0009	-2.5 to 2.5	Pass	
							4.37	1.101	0.0004	-2.5 to 2.5	Pass	

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64QAM	2507.5	75	0	-30	3.80	1.760	0.0007	-2.5 to 2.5	Pass				
				-20	3.80	0.257	0.0001	-2.5 to 2.5	Pass				
				-10	3.80	1.416	0.0006	-2.5 to 2.5	Pass				
				0	3.80	3.591	0.0014	-2.5 to 2.5	Pass				
				10	3.80	3.419	0.0013	-2.5 to 2.5	Pass				
				30	3.80	2.875	0.0011	-2.5 to 2.5	Pass				
				40	3.80	1.674	0.0007	-2.5 to 2.5	Pass				
				50	3.80	0.029	0.0000	-2.5 to 2.5	Pass				
				64QAM	2535	75	0	20	3.23	1.216	0.0005	-2.5 to 2.5	Pass
									3.80	0.658	0.0003	-2.5 to 2.5	Pass
									4.37	0.486	0.0002	-2.5 to 2.5	Pass
								-30	3.80	0.372	0.0001	-2.5 to 2.5	Pass
								-20	3.80	0.315	0.0001	-2.5 to 2.5	Pass
								-10	3.80	0.372	0.0001	-2.5 to 2.5	Pass
								0	3.80	0.286	0.0001	-2.5 to 2.5	Pass
10	3.80	-0.429	-0.0002					-2.5 to 2.5	Pass				
30	3.80	1.445	0.0006					-2.5 to 2.5	Pass				
40	3.80	-1.087	-0.0004					-2.5 to 2.5	Pass				
50	3.80	0.987	0.0004					-2.5 to 2.5	Pass				
64QAM	2562.5	75	0					20	3.23	-2.961	-0.0012	-2.5 to 2.5	Pass
									3.80	-2.689	-0.0011	-2.5 to 2.5	Pass
									4.37	-4.835	-0.0019	-2.5 to 2.5	Pass
								-30	3.80	-2.718	-0.0011	-2.5 to 2.5	Pass
				-20	3.80	-2.332	-0.0009	-2.5 to 2.5	Pass				
				-10	3.80	-2.632	-0.0010	-2.5 to 2.5	Pass				
				0	3.80	-2.289	-0.0009	-2.5 to 2.5	Pass				
				10	3.80	-4.849	-0.0019	-2.5 to 2.5	Pass				
				30	3.80	-4.878	-0.0019	-2.5 to 2.5	Pass				
				40	3.80	-4.635	-0.0018	-2.5 to 2.5	Pass				
				50	3.80	-2.618	-0.0010	-2.5 to 2.5	Pass				
				64QAM	2562.5	75	0	20	3.23	3.119	0.0012	-2.5 to 2.5	Pass
									3.80	3.977	0.0016	-2.5 to 2.5	Pass
									4.37	2.074	0.0008	-2.5 to 2.5	Pass
								-30	3.80	2.303	0.0009	-2.5 to 2.5	Pass
-20	3.80	1.845	0.0007					-2.5 to 2.5	Pass				
-10	3.80	-0.587	-0.0002					-2.5 to 2.5	Pass				
0	3.80	-0.029	0.0000					-2.5 to 2.5	Pass				
10	3.80	-0.472	-0.0002					-2.5 to 2.5	Pass				
30	3.80	0.472	0.0002					-2.5 to 2.5	Pass				
40	3.80	0.243	0.0001					-2.5 to 2.5	Pass				
50	3.80	0.358	0.0001					-2.5 to 2.5	Pass				

2.4 B7_20MHz

2.4.1 Test Result

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	3.23	1.230	0.0005	-2.5 to 2.5	Pass
							0.0010	-2.5 to 2.5	Pass
							0.0008	-2.5 to 2.5	Pass



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16QAM	2535	100	0	-30	3.80	3.233	0.0013	-2.5 to 2.5	Pass		
				-20	3.80	2.260	0.0009	-2.5 to 2.5	Pass		
				-10	3.80	2.532	0.0010	-2.5 to 2.5	Pass		
				0	3.80	3.018	0.0012	-2.5 to 2.5	Pass		
				10	3.80	2.818	0.0011	-2.5 to 2.5	Pass		
				30	3.80	2.604	0.0010	-2.5 to 2.5	Pass		
				40	3.80	2.632	0.0010	-2.5 to 2.5	Pass		
				50	3.80	2.303	0.0009	-2.5 to 2.5	Pass		
				20	3.23	-3.633	-0.0014	-2.5 to 2.5	Pass		
				20	3.80	-2.303	-0.0009	-2.5 to 2.5	Pass		
				20	4.37	-4.463	-0.0018	-2.5 to 2.5	Pass		
				-30	3.80	-2.203	-0.0009	-2.5 to 2.5	Pass		
				-20	3.80	-3.791	-0.0015	-2.5 to 2.5	Pass		
				-10	3.80	-4.191	-0.0017	-2.5 to 2.5	Pass		
				0	3.80	-1.817	-0.0007	-2.5 to 2.5	Pass		
	10	3.80	-2.031	-0.0008	-2.5 to 2.5	Pass					
	30	3.80	-3.104	-0.0012	-2.5 to 2.5	Pass					
	40	3.80	-3.805	-0.0015	-2.5 to 2.5	Pass					
	50	3.80	-3.676	-0.0015	-2.5 to 2.5	Pass					
	2560	100	0	20	3.23	0.515	0.0002	-2.5 to 2.5	Pass		
				20	3.80	0.486	0.0002	-2.5 to 2.5	Pass		
				20	4.37	-0.486	-0.0002	-2.5 to 2.5	Pass		
				-30	3.80	0.272	0.0001	-2.5 to 2.5	Pass		
				-20	3.80	1.230	0.0005	-2.5 to 2.5	Pass		
				-10	3.80	0.715	0.0003	-2.5 to 2.5	Pass		
				0	3.80	-1.173	-0.0005	-2.5 to 2.5	Pass		
				10	3.80	0.229	0.0001	-2.5 to 2.5	Pass		
				30	3.80	1.545	0.0006	-2.5 to 2.5	Pass		
				40	3.80	1.903	0.0007	-2.5 to 2.5	Pass		
				50	3.80	1.774	0.0007	-2.5 to 2.5	Pass		
2510				100	0	20	3.23	1.602	0.0006	-2.5 to 2.5	Pass
						20	3.80	1.473	0.0006	-2.5 to 2.5	Pass
						20	4.37	1.159	0.0005	-2.5 to 2.5	Pass
						-30	3.80	2.546	0.0010	-2.5 to 2.5	Pass
	-20	3.80	2.704			0.0011	-2.5 to 2.5	Pass			
	-10	3.80	2.546			0.0010	-2.5 to 2.5	Pass			
	0	3.80	1.588			0.0006	-2.5 to 2.5	Pass			
	10	3.80	1.545			0.0006	-2.5 to 2.5	Pass			
	30	3.80	1.917			0.0008	-2.5 to 2.5	Pass			
	40	3.80	1.688			0.0007	-2.5 to 2.5	Pass			
	50	3.80	1.988			0.0008	-2.5 to 2.5	Pass			
	2535	100	0			20	3.23	-3.233	-0.0013	-2.5 to 2.5	Pass
						20	3.80	-2.217	-0.0009	-2.5 to 2.5	Pass
						20	4.37	-2.518	-0.0010	-2.5 to 2.5	Pass
						-30	3.80	-2.818	-0.0011	-2.5 to 2.5	Pass
-20				3.80	-3.648	-0.0014	-2.5 to 2.5	Pass			
-10				3.80	-4.148	-0.0016	-2.5 to 2.5	Pass			
0				3.80	-3.591	-0.0014	-2.5 to 2.5	Pass			
10				3.80	-2.532	-0.0010	-2.5 to 2.5	Pass			
30				3.80	-4.077	-0.0016	-2.5 to 2.5	Pass			
40				3.80	-2.947	-0.0012	-2.5 to 2.5	Pass			
50				3.80	-3.934	-0.0016	-2.5 to 2.5	Pass			
2560				100	0	20	3.23	0.887	0.0003	-2.5 to 2.5	Pass
						20	3.80	-0.987	-0.0004	-2.5 to 2.5	Pass

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					4.37	1.774	0.0007	-2.5 to 2.5	Pass			
				-30	3.80	-0.215	-0.0001	-2.5 to 2.5	Pass			
				-20	3.80	1.001	0.0004	-2.5 to 2.5	Pass			
				-10	3.80	1.345	0.0005	-2.5 to 2.5	Pass			
				0	3.80	0.744	0.0003	-2.5 to 2.5	Pass			
				10	3.80	2.117	0.0008	-2.5 to 2.5	Pass			
				30	3.80	2.232	0.0009	-2.5 to 2.5	Pass			
				40	3.80	-0.401	-0.0002	-2.5 to 2.5	Pass			
				50	3.80	0.815	0.0003	-2.5 to 2.5	Pass			
64QAM	2510	100	0	20	3.23	-0.801	-0.0003	-2.5 to 2.5	Pass			
					3.80	-4.606	-0.0018	-2.5 to 2.5	Pass			
					4.37	-4.692	-0.0019	-2.5 to 2.5	Pass			
				-30	3.80	-5.293	-0.0021	-2.5 to 2.5	Pass			
					-20	3.80	-5.336	-0.0021	-2.5 to 2.5	Pass		
						3.80	-7.195	-0.0029	-2.5 to 2.5	Pass		
				0	3.80	-6.409	-0.0026	-2.5 to 2.5	Pass			
					3.80	-6.680	-0.0027	-2.5 to 2.5	Pass			
				30	3.80	-4.835	-0.0019	-2.5 to 2.5	Pass			
					3.80	-3.490	-0.0014	-2.5 to 2.5	Pass			
				50	3.80	1.259	0.0005	-2.5 to 2.5	Pass			
				2535	100	0	20	3.23	-1.473	-0.0006	-2.5 to 2.5	Pass
	3.80	-3.061	-0.0012					-2.5 to 2.5	Pass			
	4.37	-6.194	-0.0024					-2.5 to 2.5	Pass			
	-30	3.80	-4.506				-0.0018	-2.5 to 2.5	Pass			
		-20	3.80				-5.078	-0.0020	-2.5 to 2.5	Pass		
			3.80				-6.309	-0.0025	-2.5 to 2.5	Pass		
	0	3.80	-7.625				-0.0030	-2.5 to 2.5	Pass			
		3.80	-5.107				-0.0020	-2.5 to 2.5	Pass			
	30	3.80	2.189				0.0009	-2.5 to 2.5	Pass			
		3.80	-0.615				-0.0002	-2.5 to 2.5	Pass			
	40	3.80	-3.762				-0.0015	-2.5 to 2.5	Pass			
	2560	100	0				20	3.23	-7.911	-0.0031	-2.5 to 2.5	Pass
								3.80	-6.251	-0.0024	-2.5 to 2.5	Pass
								4.37	-4.563	-0.0018	-2.5 to 2.5	Pass
							-30	3.80	-4.735	-0.0018	-2.5 to 2.5	Pass
								-20	3.80	-5.865	-0.0023	-2.5 to 2.5
				3.80	-6.509	-0.0025			-2.5 to 2.5	Pass		
0				3.80	-8.626	-0.0034	-2.5 to 2.5	Pass				
				3.80	-4.692	-0.0018	-2.5 to 2.5	Pass				
30	3.80	-6.509	-0.0025	-2.5 to 2.5	Pass							
40	3.80	-0.529	-0.0002	-2.5 to 2.5	Pass							
50	3.80	-6.108	-0.0024	-2.5 to 2.5	Pass							

3. Modulation Characteristics

3.1 B7_5MHz

3.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTVN				
Modulation	Frequency	RB Allocation	Modulation Characteristics	Verdict



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	(MHz)	Size	Offset	Result	Limit	
QPSK	2535	25	0	Refer To Test Graph		Pass
16QAM	2535	25	0	Refer To Test Graph		Pass
64QAM	2535	25	0	Refer To Test Graph		Pass

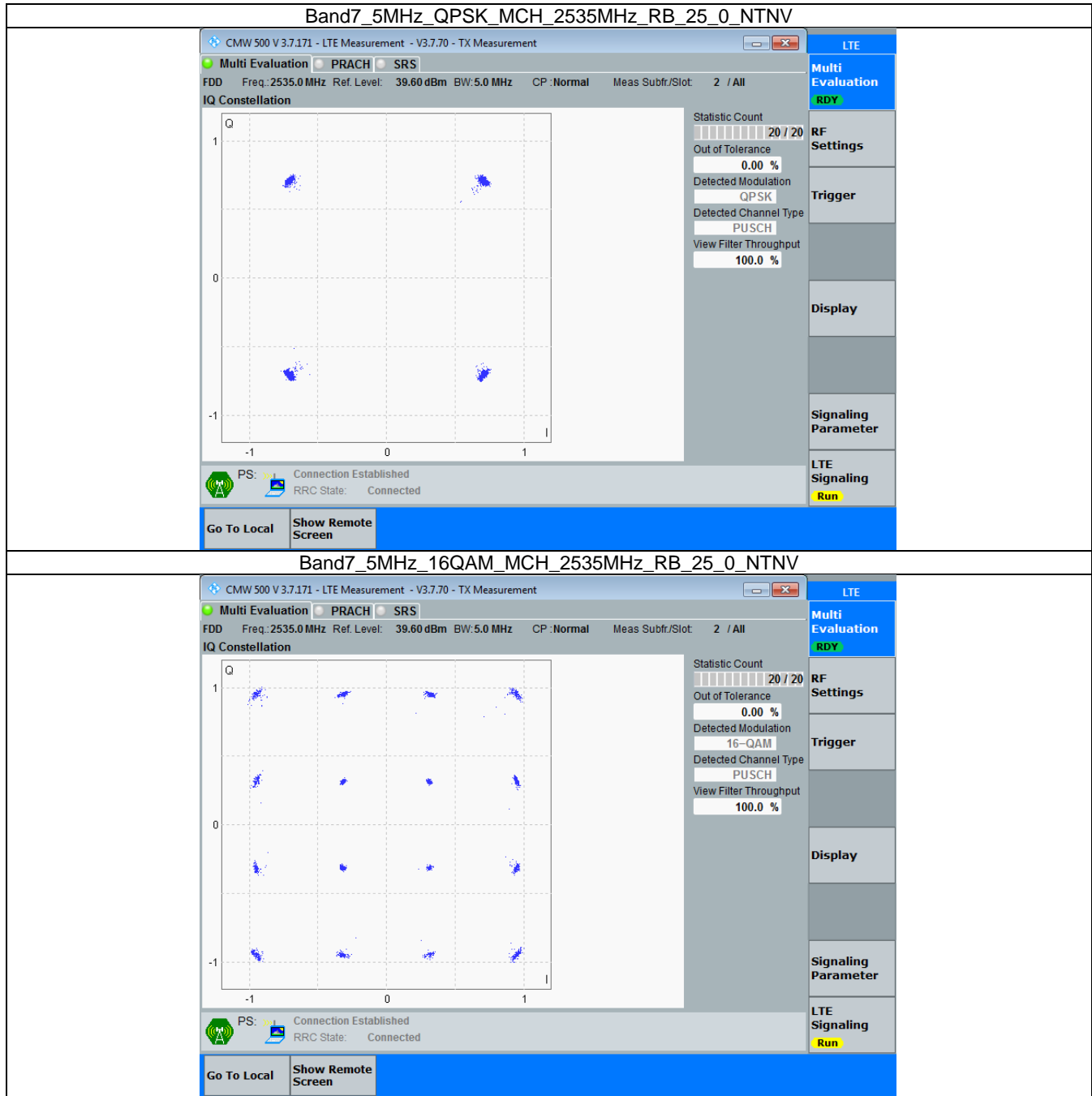


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3.1.2 Test Graph

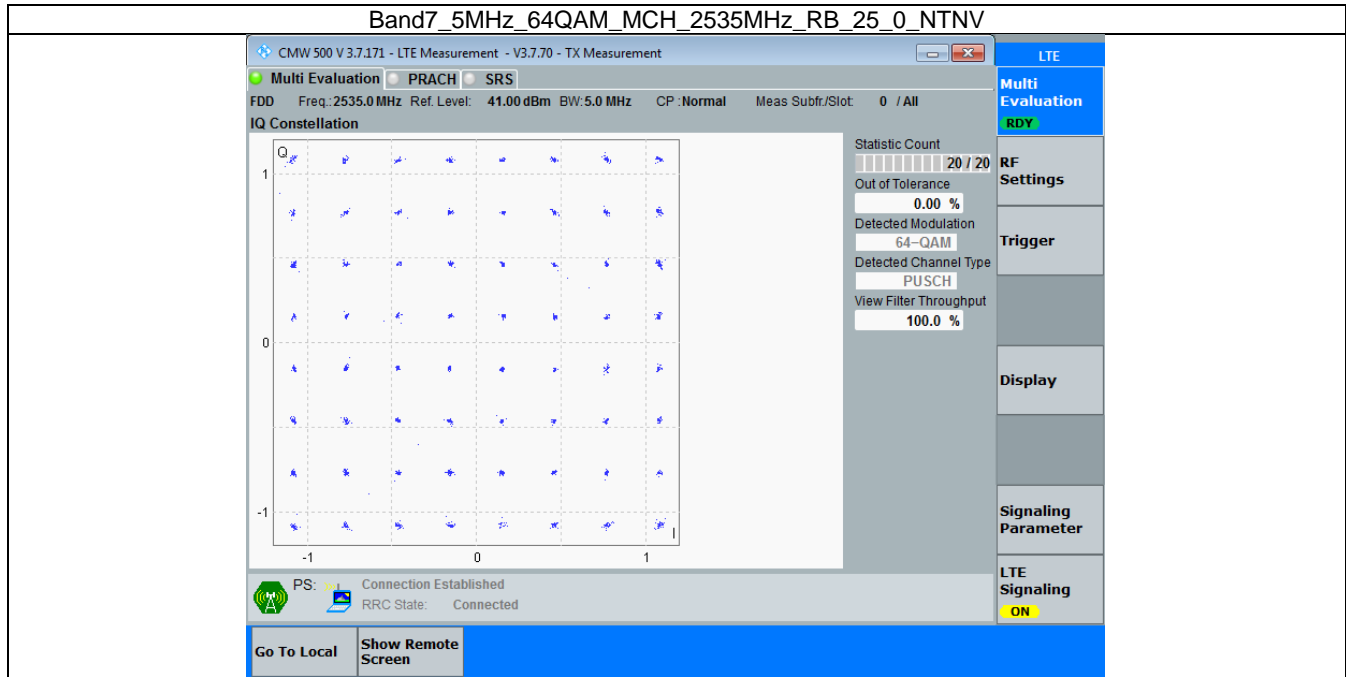


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3.2 B7_10MHz

3.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	50	0	Refer To Test Graph		Pass
16QAM	2535	50	0	Refer To Test Graph		Pass
64QAM	2535	50	0	Refer To Test Graph		Pass

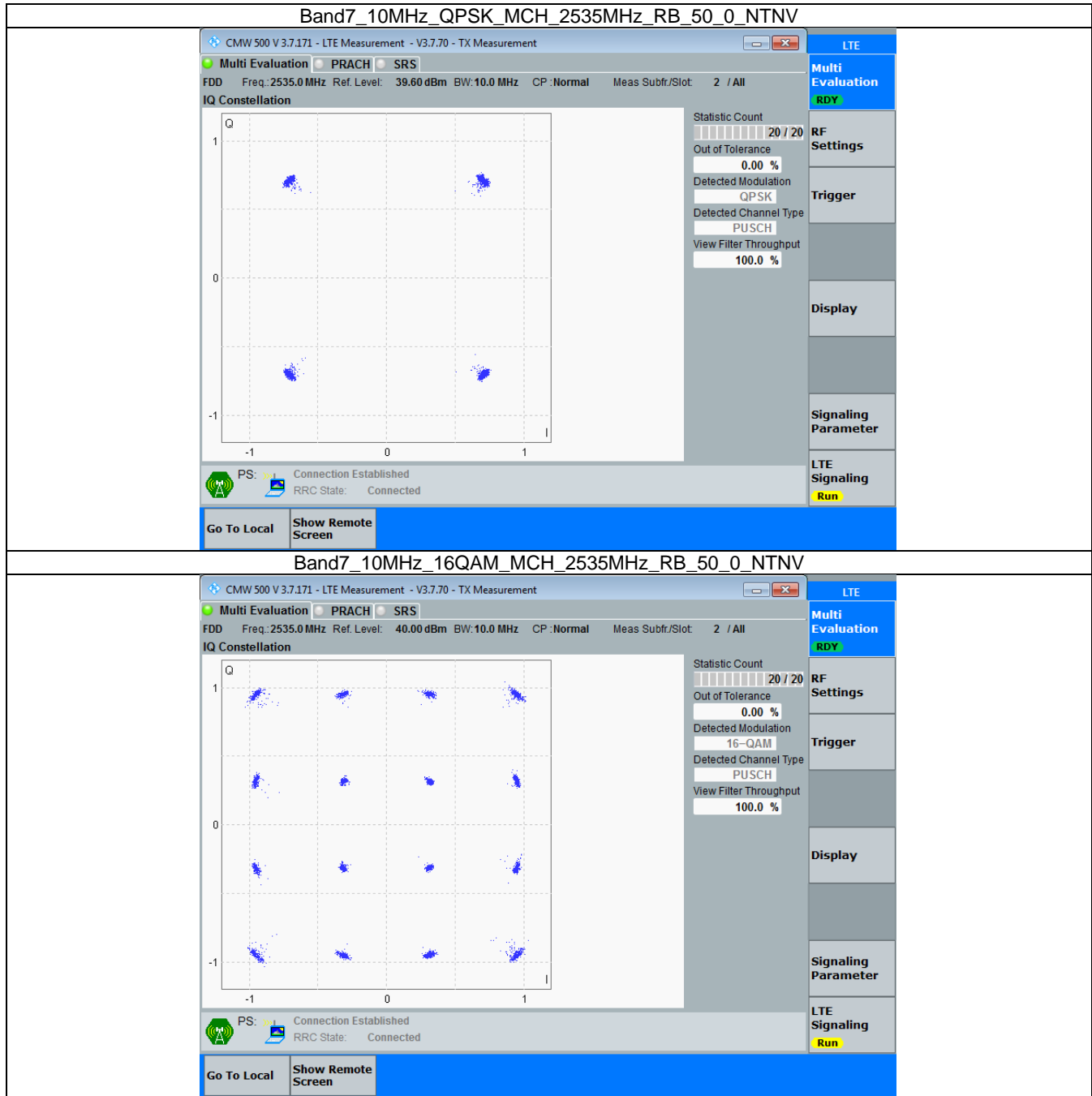


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3.2.2 Test Graph

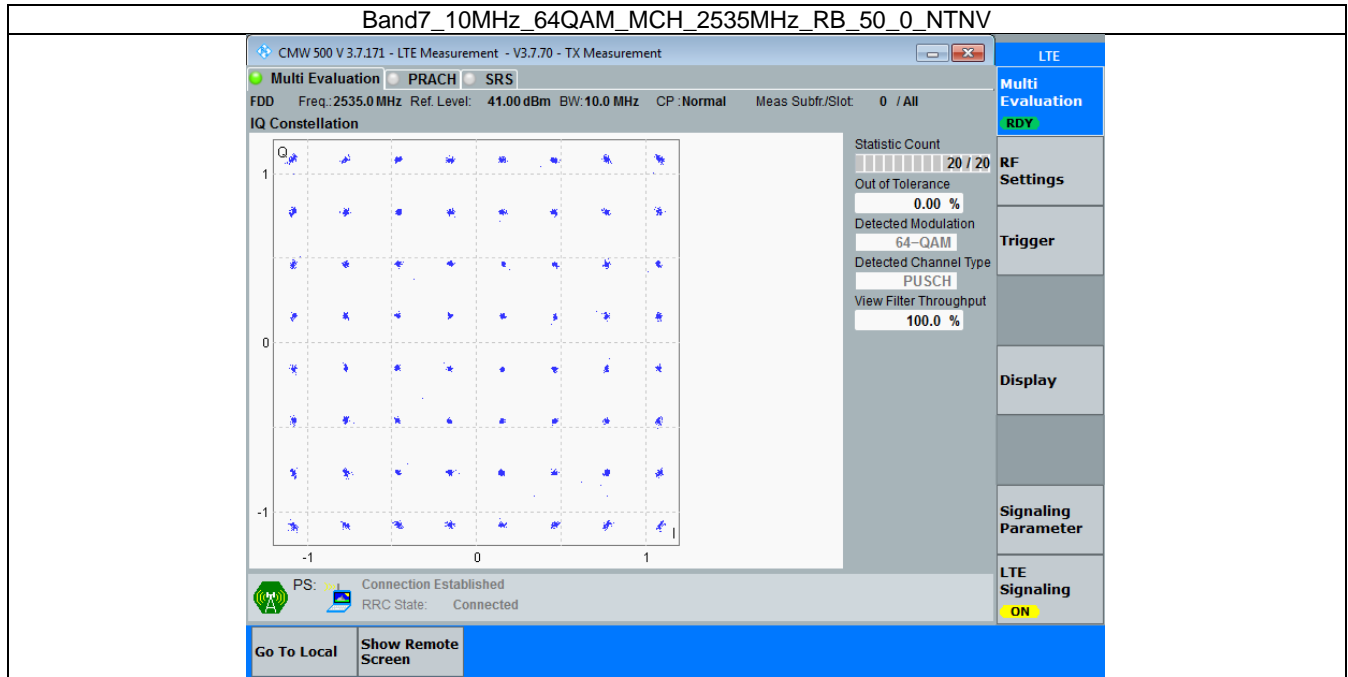


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3.3 B7_15MHz

3.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass
64QAM	2535	75	0	Refer To Test Graph		Pass



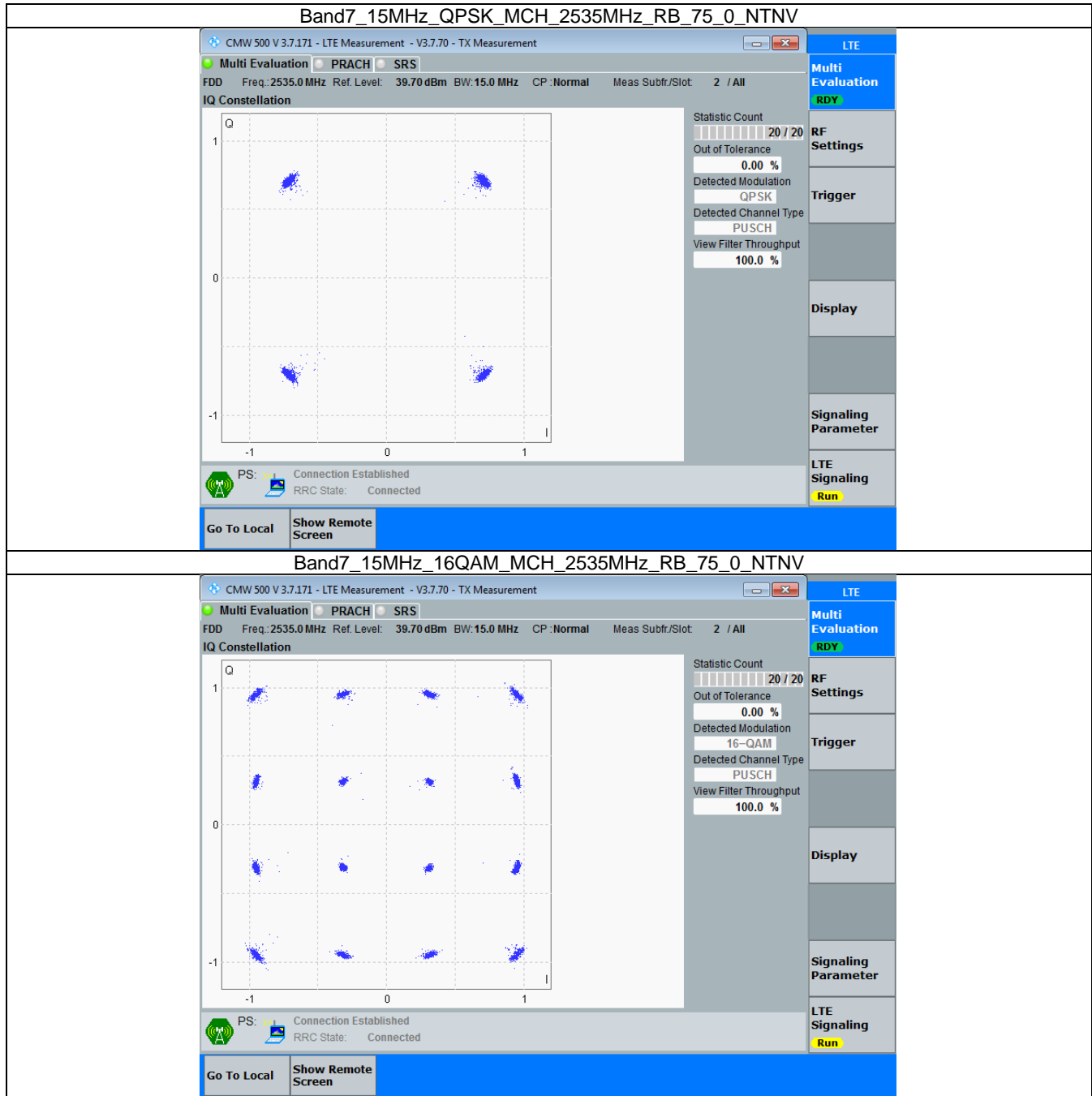
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3.3.2 Test Graph



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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV

CMW 500 V 3.7.171 - LTE Measurement - V3.7.70 - TX Measurement		LTE
Multi Evaluation <input type="checkbox"/> PRACH <input type="checkbox"/> SRS		Multi Evaluation RDY
FDD Freq: 2535.0 MHz Ref. Level: 41.00 dBm BW: 15.0 MHz CP: Normal Meas Subfr/Slot 0 / All		RF Settings
IQ Constellation		Trigger
	Statistic Count 20 / 20 Out of Tolerance 0.00 % Detected Modulation 64-QAM Detected Channel Type PUSCH View Filter Throughput 100.0 %	Display
PS: Connection Established RRC State: Connected		LTE Signaling ON
Go To Local	Show Remote Screen	



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3.4 B7_20MHz

3.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass
64QAM	2535	100	0	Refer To Test Graph		Pass



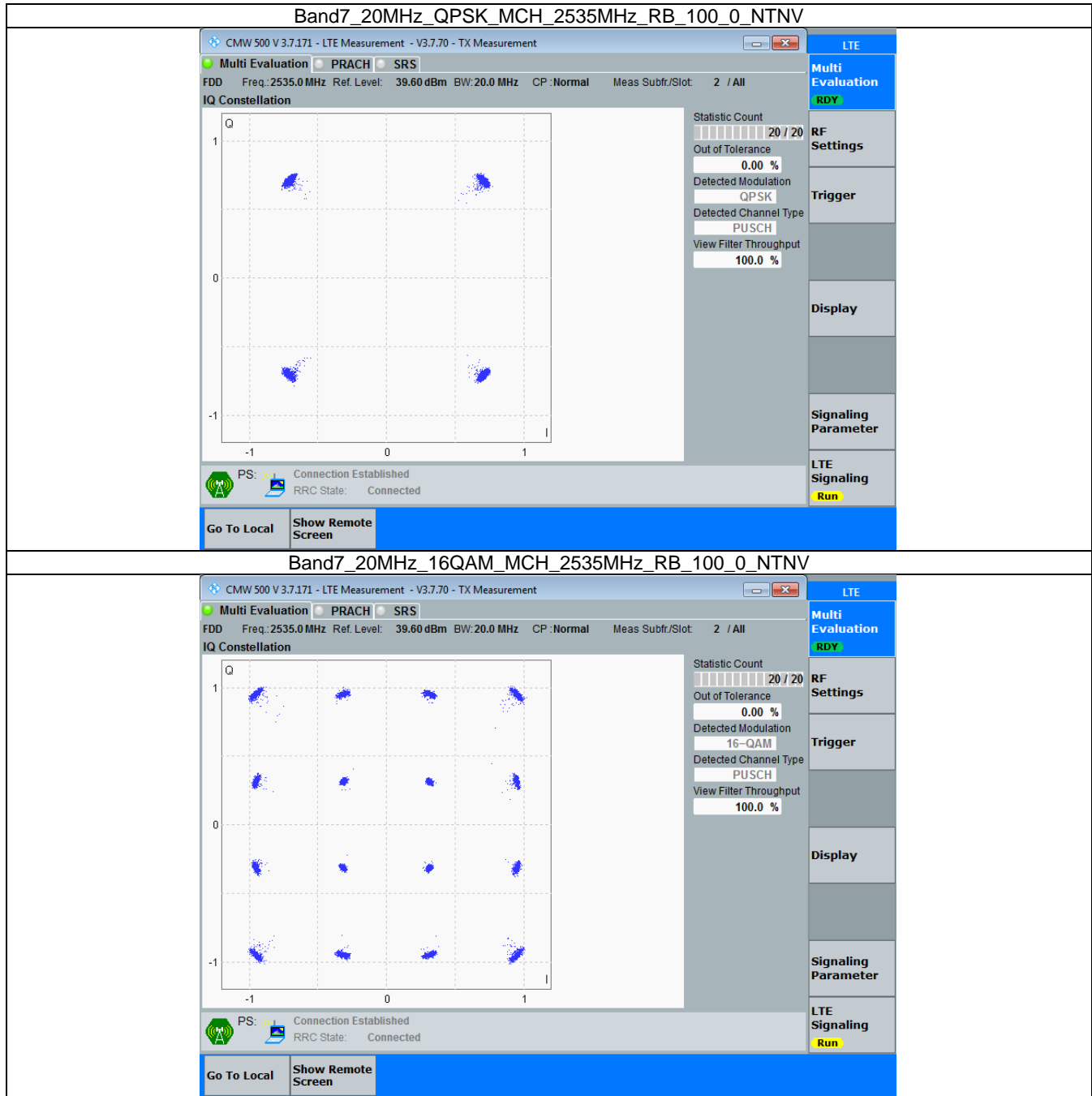
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3.4.2 Test Graph

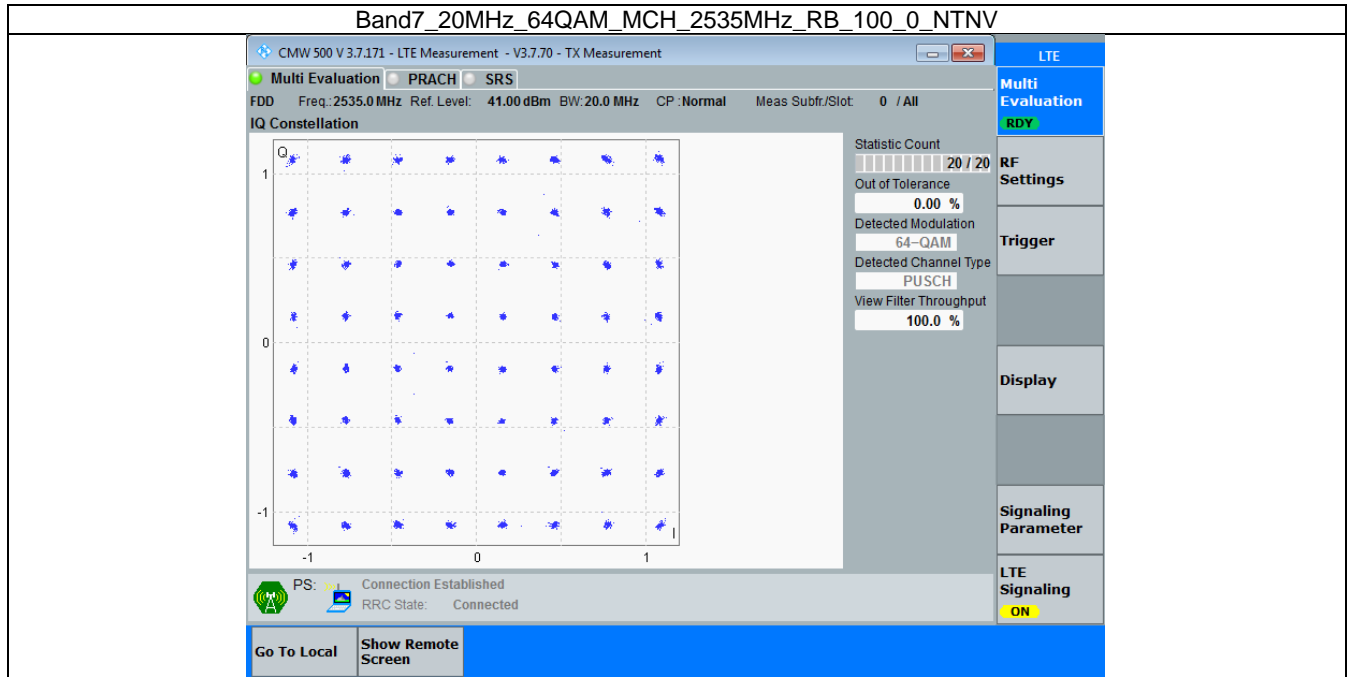


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4. 99% & 26dB Bandwidth

4.1 Band7_OBW

4.1.1 Test Result

Band: 7 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.553	Pass
		2535	25	0	4.531	Pass
		2567.5	25	0	4.537	Pass
	16QAM	2502.5	25	0	4.525	Pass
		2535	25	0	4.548	Pass
		2567.5	25	0	4.552	Pass
	64QAM	2502.5	25	0	4.523	Pass
		2535	25	0	4.537	Pass
		2567.5	25	0	4.522	Pass
10	QPSK	2505	50	0	9.056	Pass
		2535	50	0	9.027	Pass
		2565	50	0	9.015	Pass
	16QAM	2505	50	0	9.041	Pass
		2535	50	0	9.008	Pass
		2565	50	0	9.016	Pass
	64QAM	2505	50	0	9.019	Pass
		2535	50	0	9.039	Pass
		2565	50	0	9.032	Pass
15	QPSK	2507.5	75	0	13.587	Pass
		2535	75	0	13.541	Pass
		2562.5	75	0	13.585	Pass
	16QAM	2507.5	75	0	13.541	Pass
		2535	75	0	13.582	Pass
		2562.5	75	0	13.533	Pass
	64QAM	2507.5	75	0	13.540	Pass
		2535	75	0	13.534	Pass
		2562.5	75	0	13.565	Pass
20	QPSK	2510	100	0	18.030	Pass
		2535	100	0	17.998	Pass
		2560	100	0	18.051	Pass
	16QAM	2510	100	0	18.092	Pass
		2535	100	0	18.035	Pass
		2560	100	0	18.054	Pass
	64QAM	2510	100	0	18.071	Pass
		2535	100	0	18.121	Pass
		2560	100	0	18.043	Pass



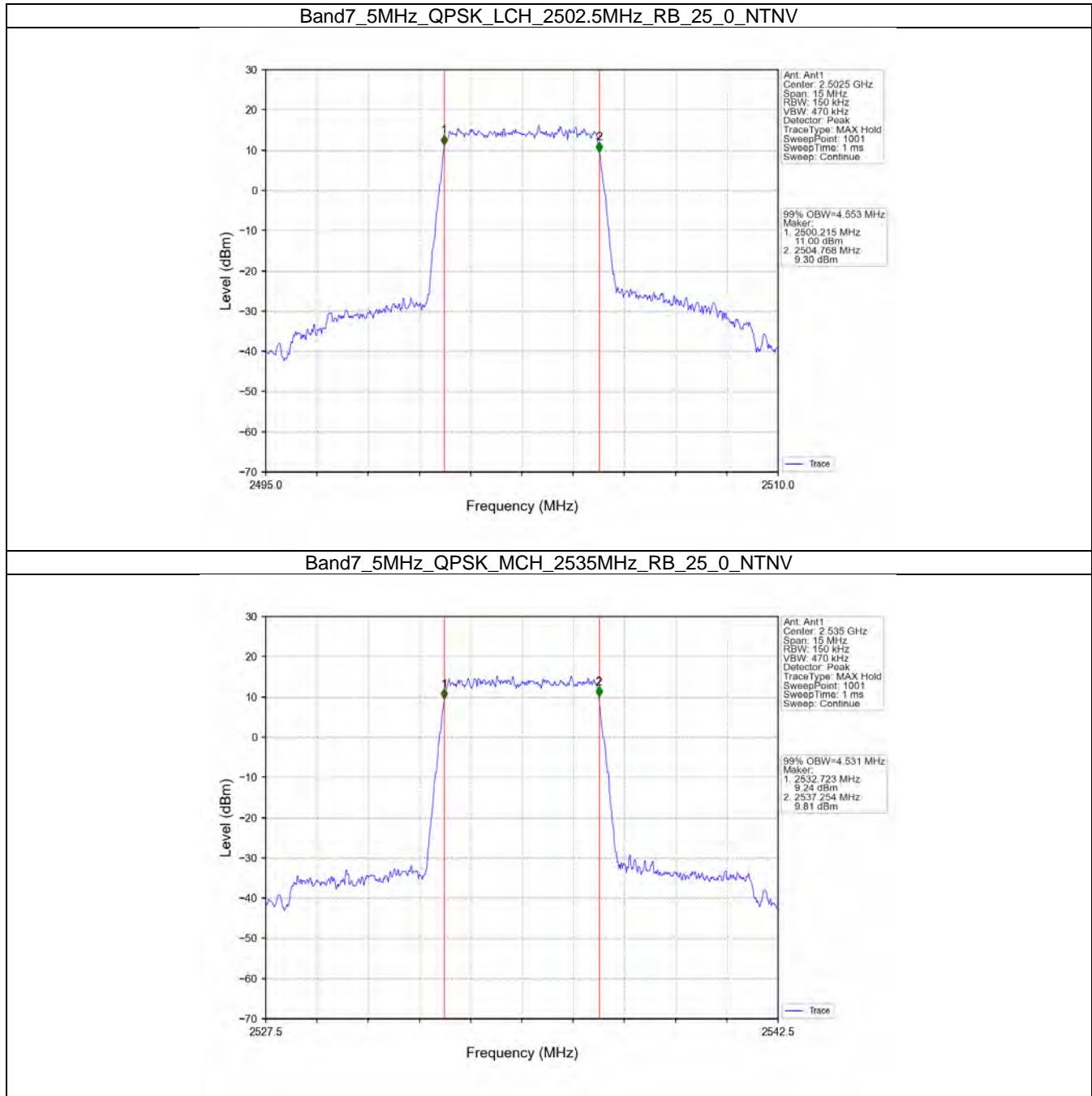
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4.1.2 Test Graph



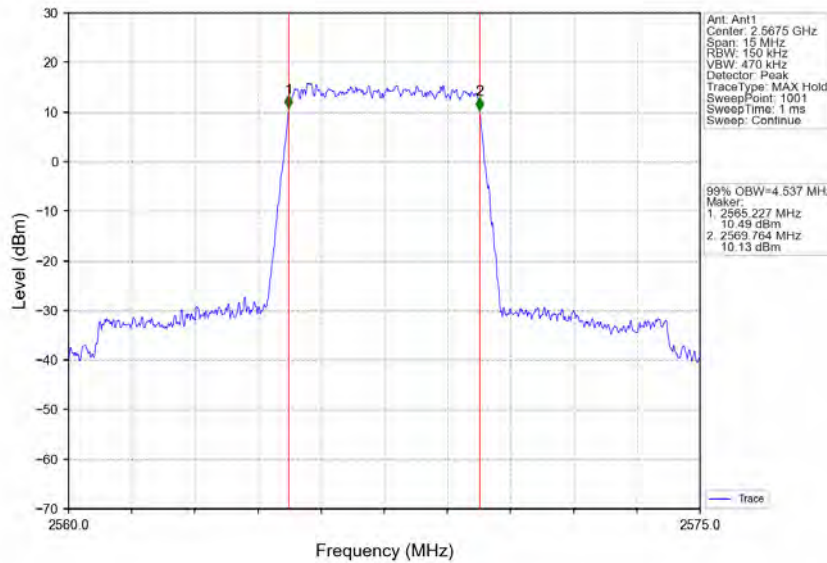
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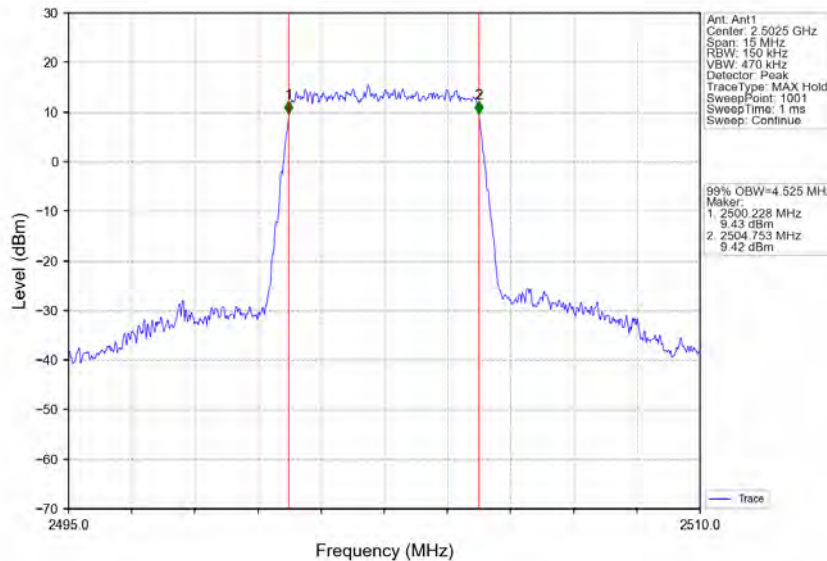
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



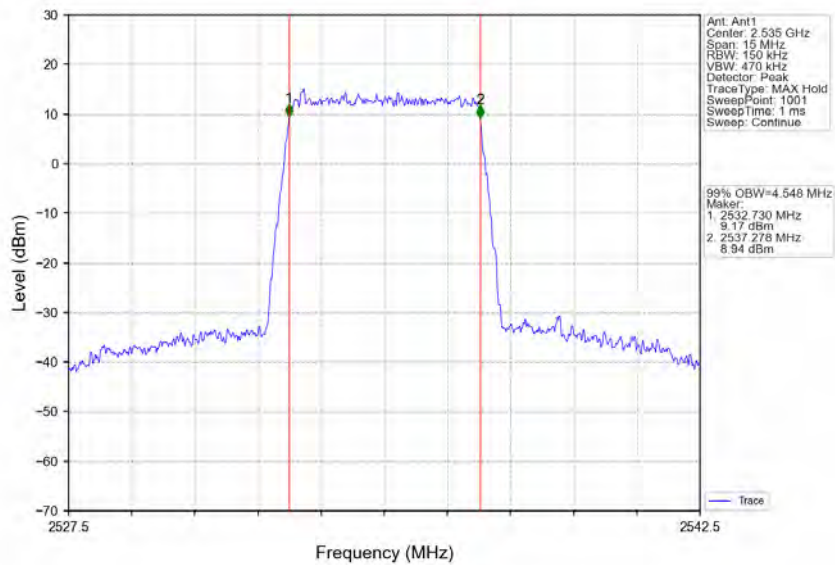
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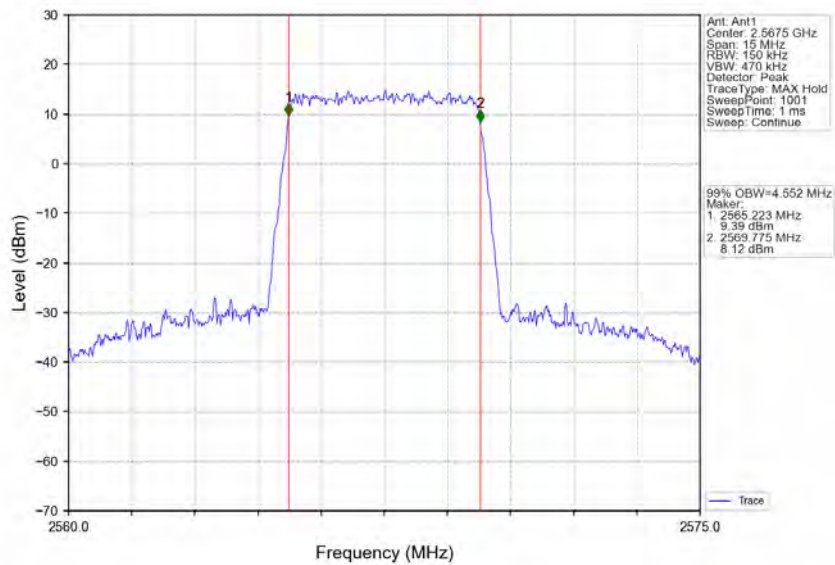
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



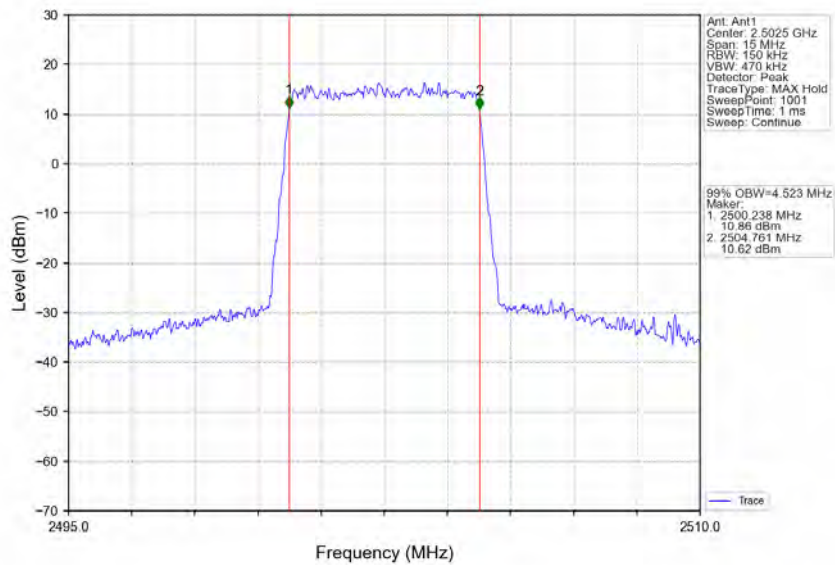
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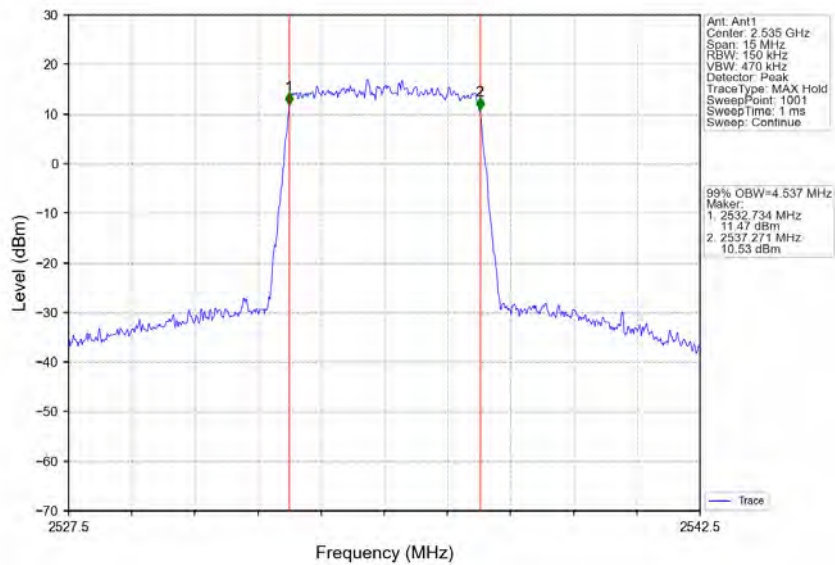
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



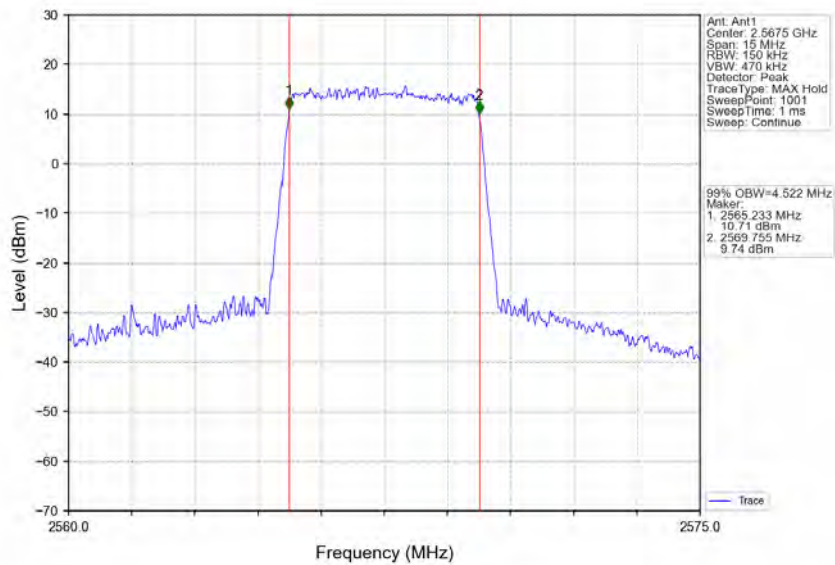
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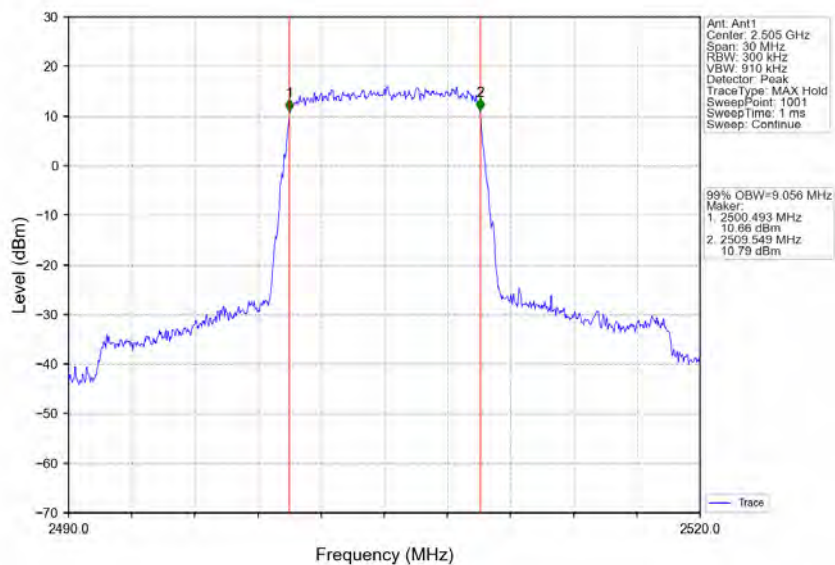
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



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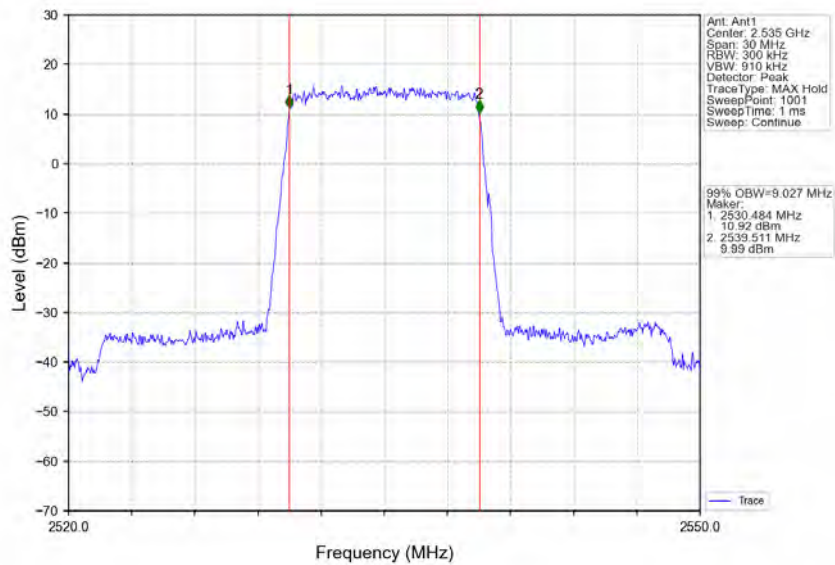
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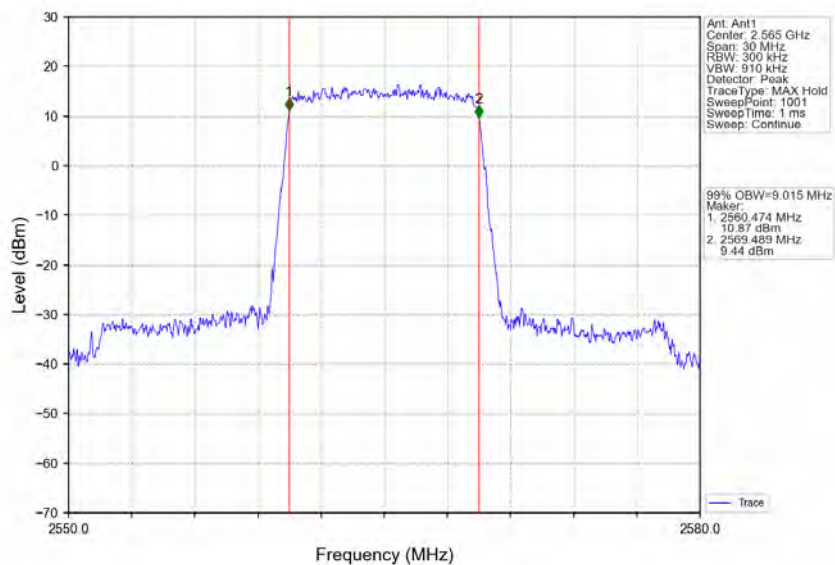
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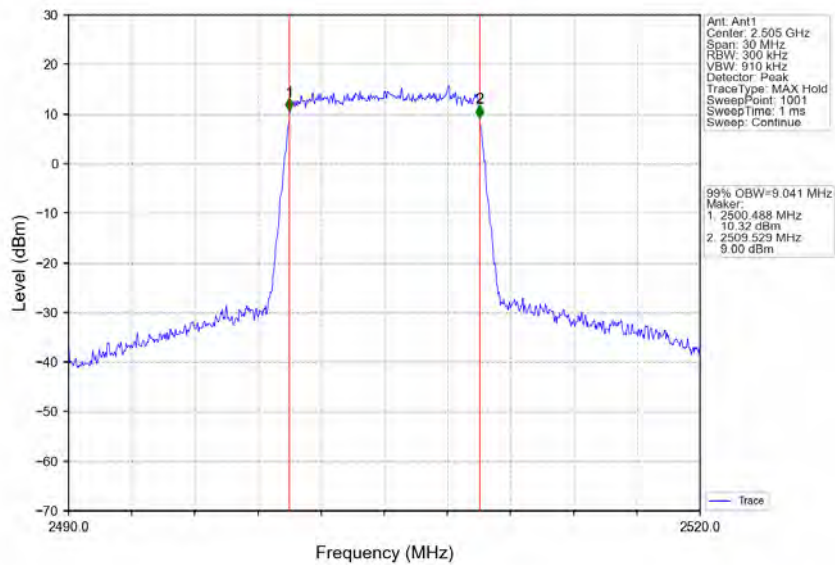
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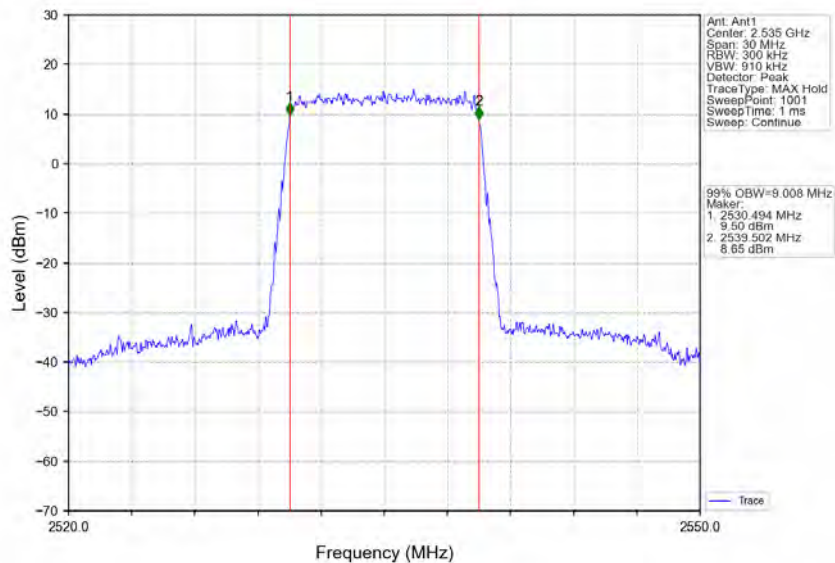
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Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



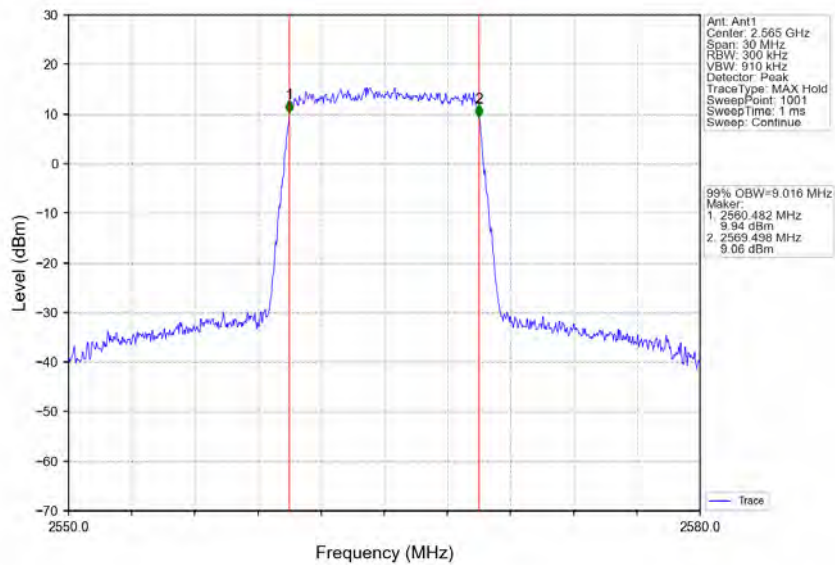
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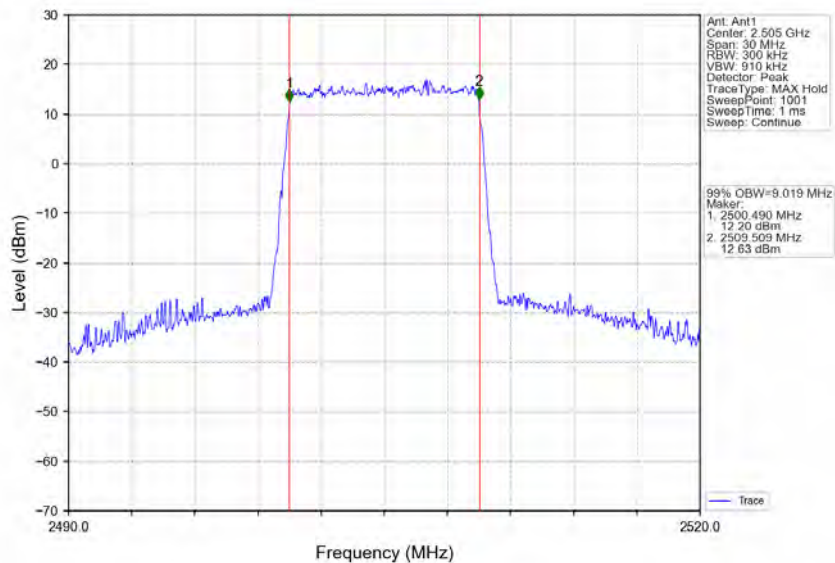
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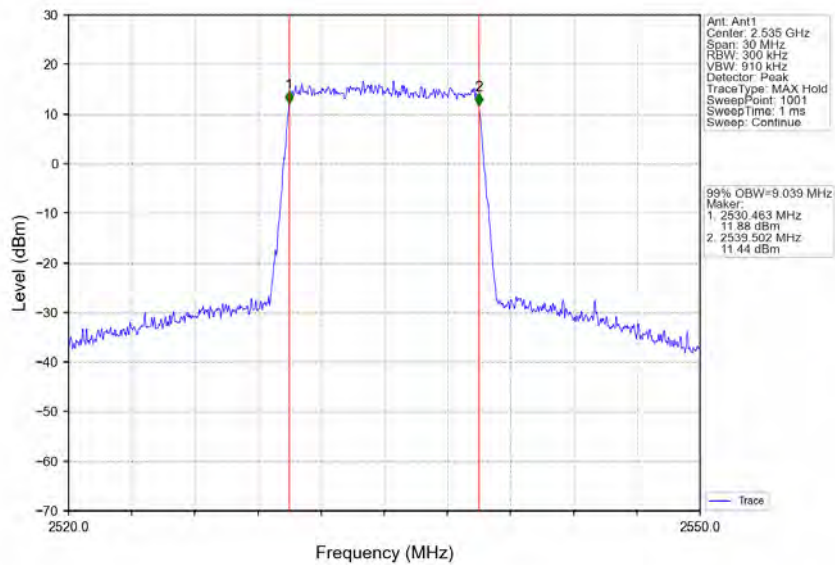
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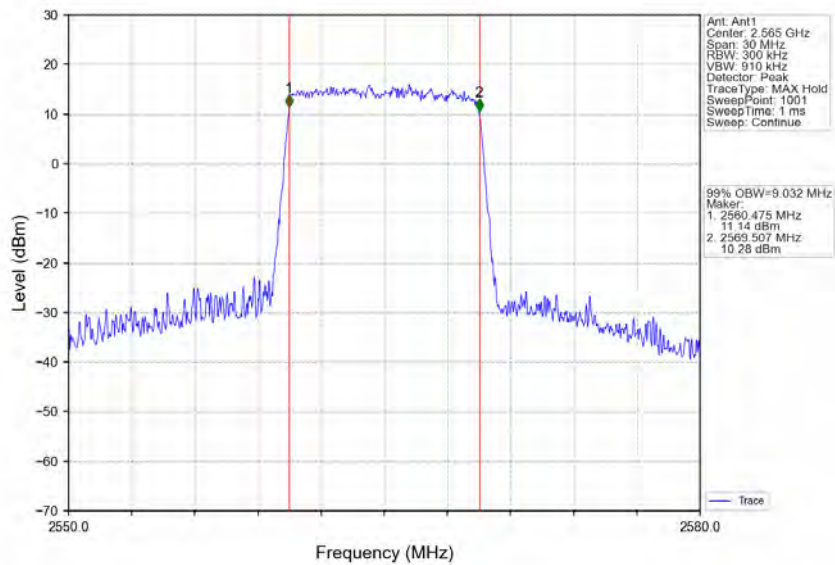
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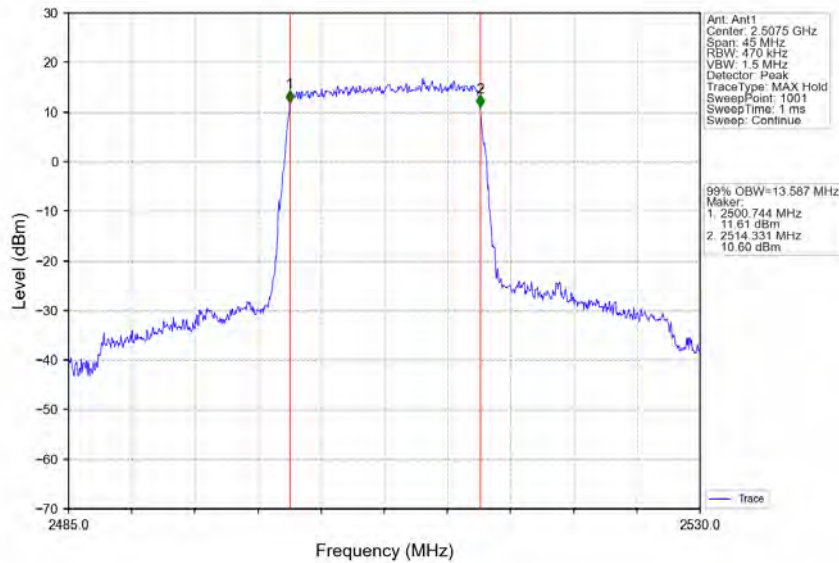


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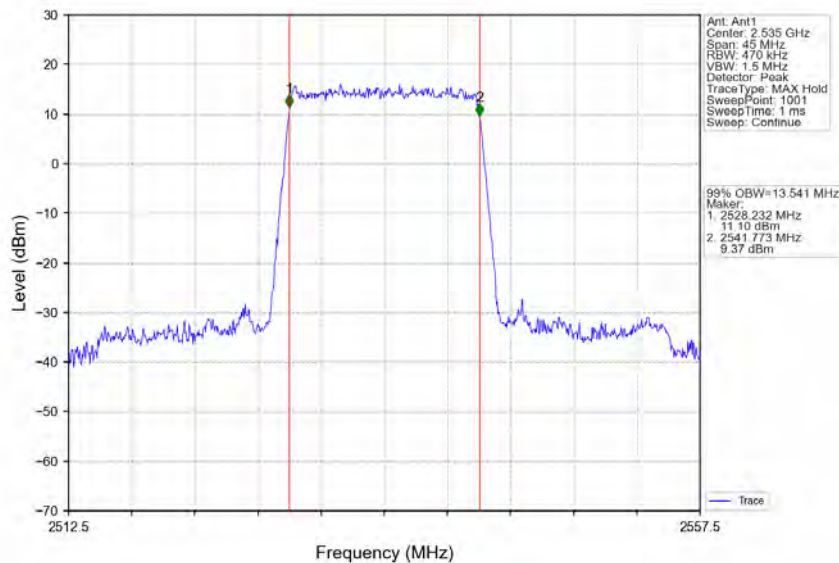
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Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



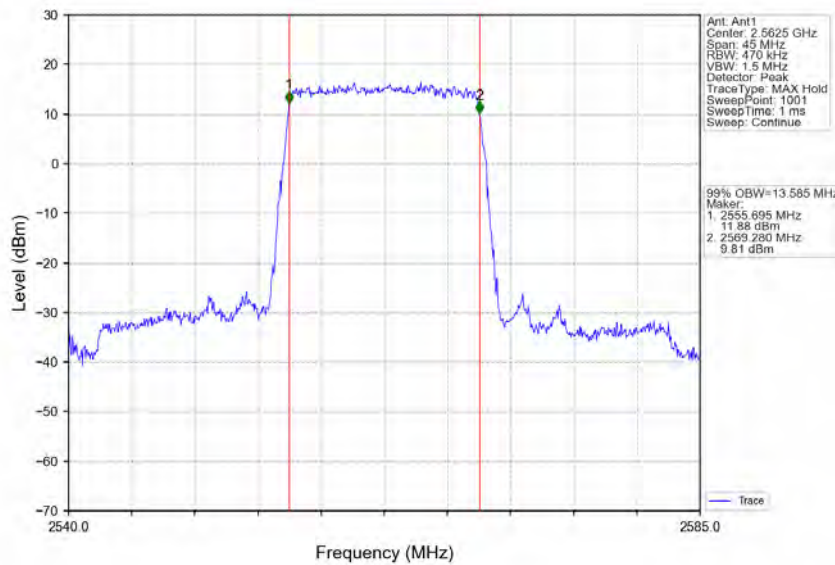
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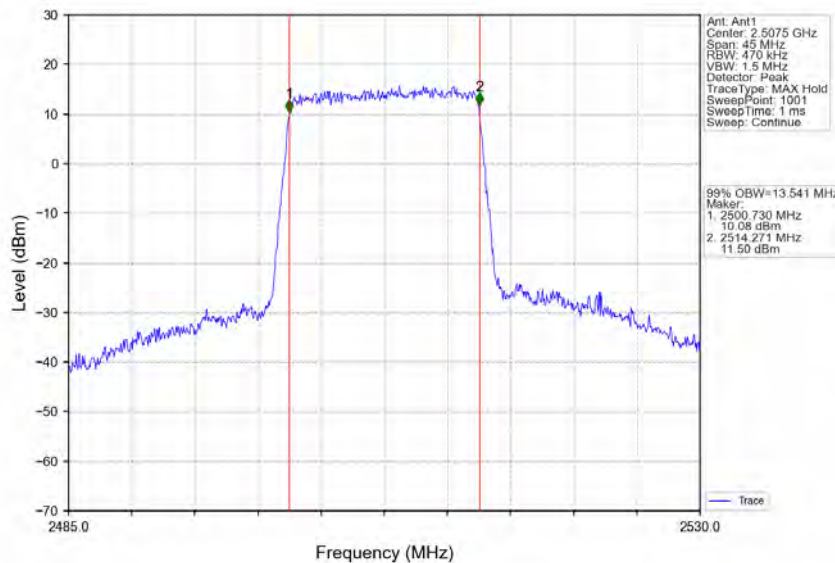
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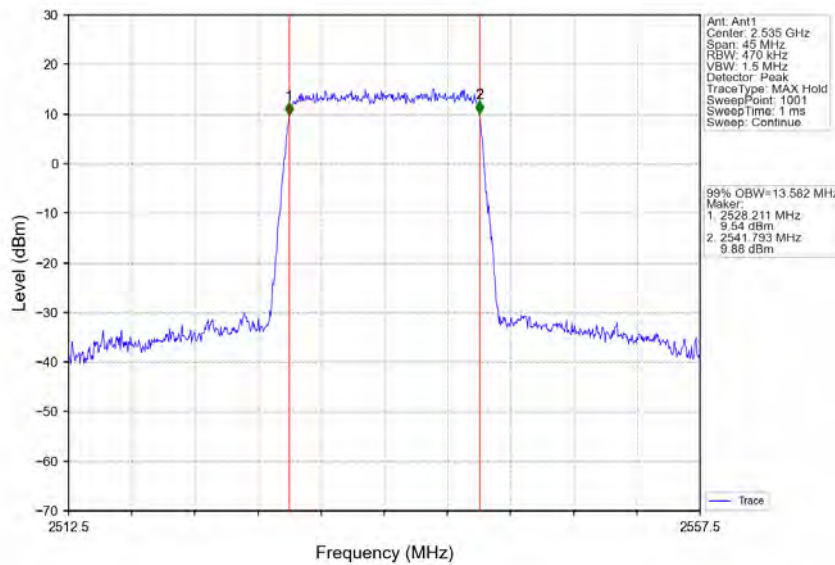
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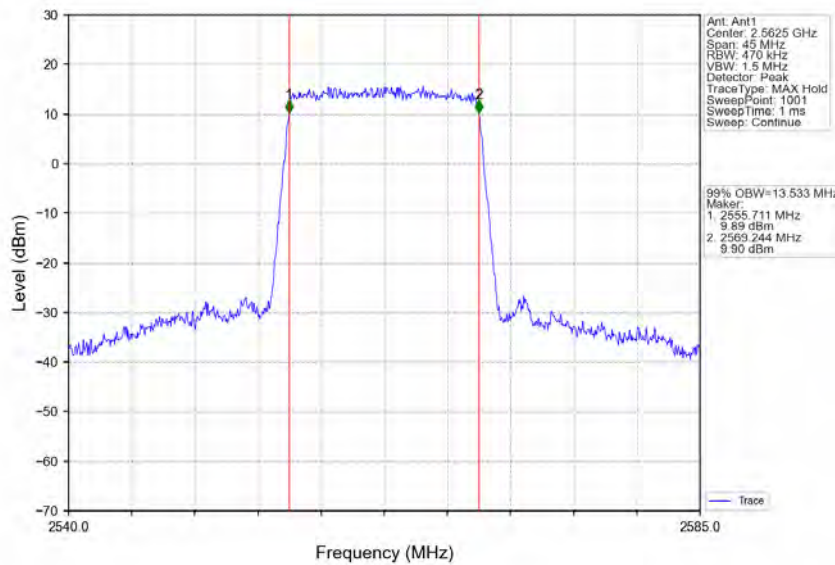
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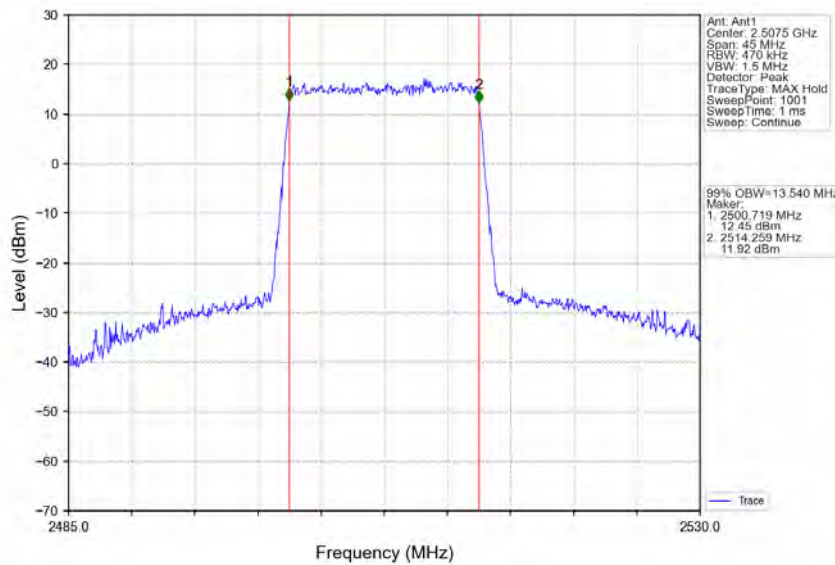
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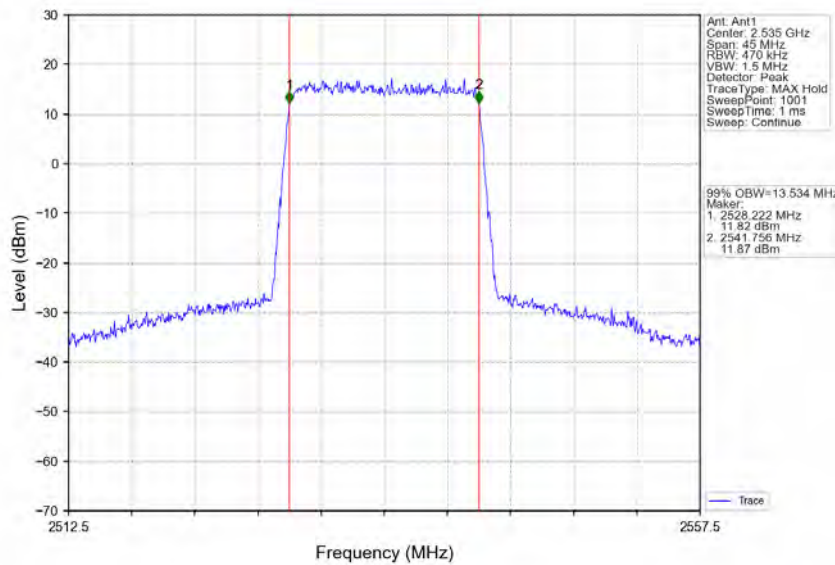
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



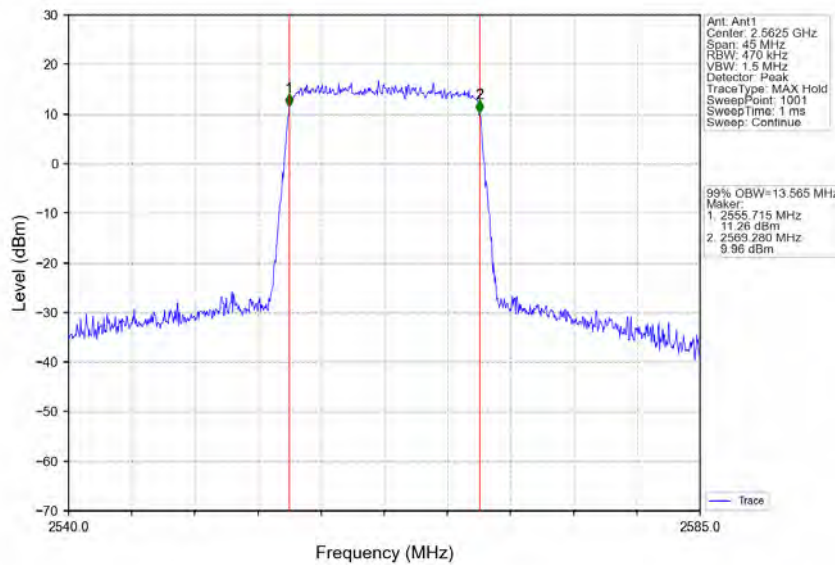
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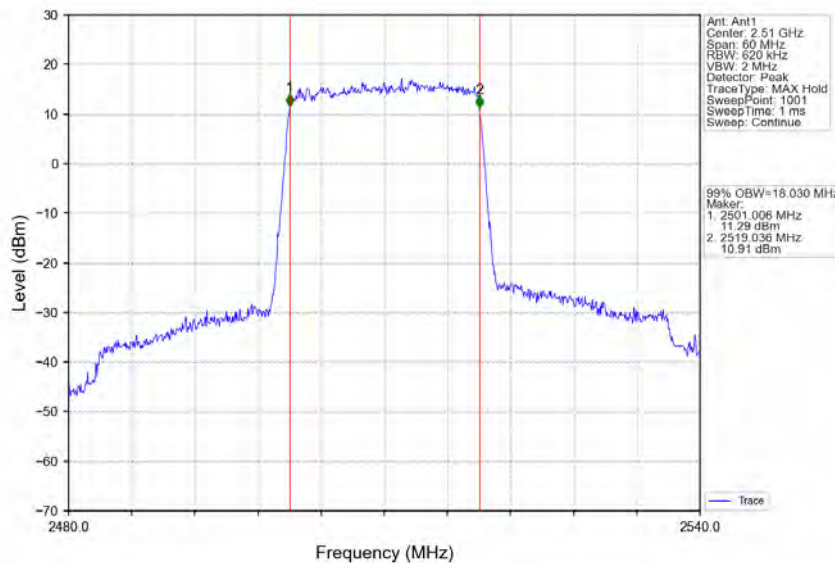
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Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



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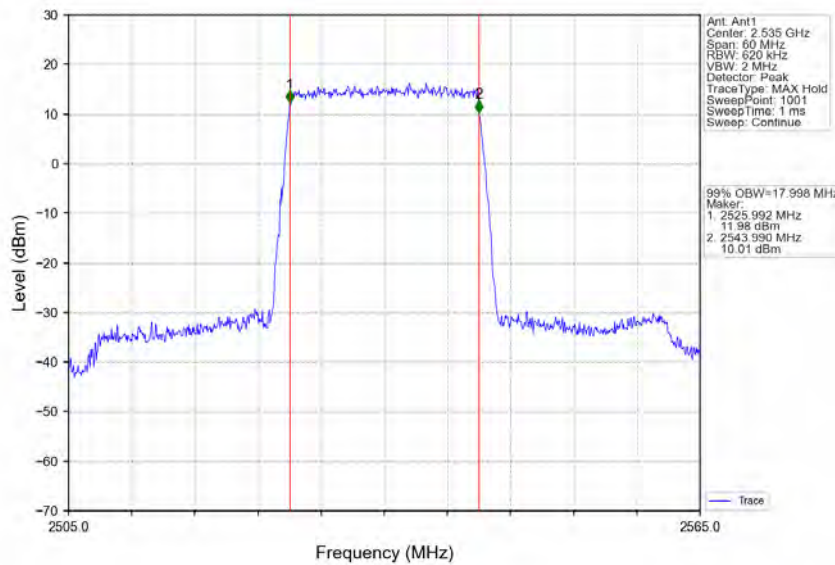
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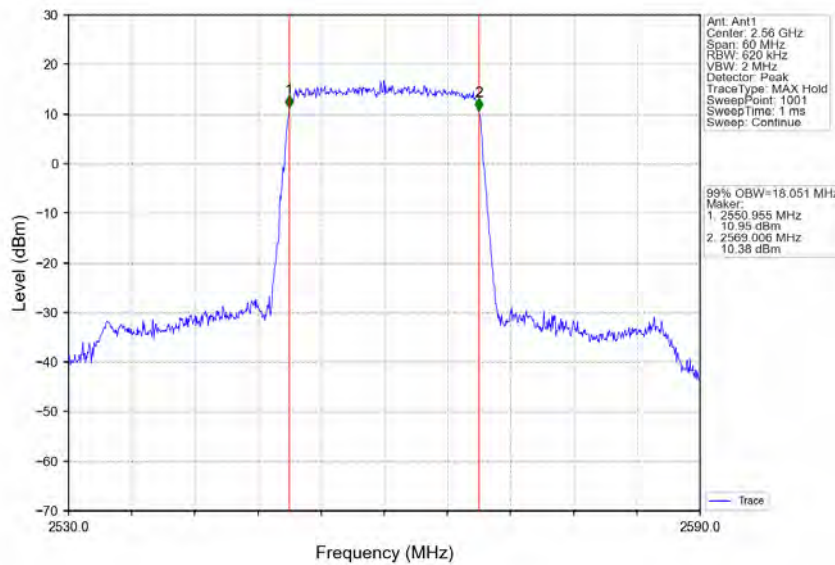
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



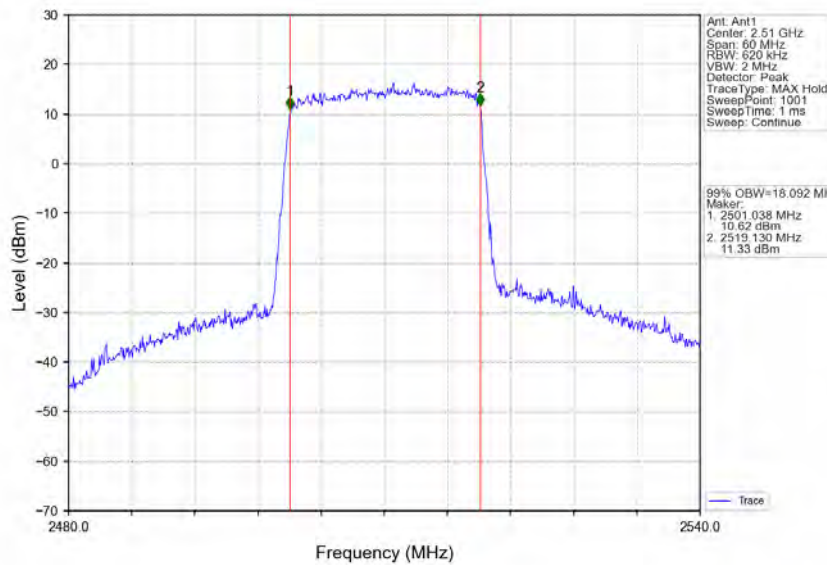
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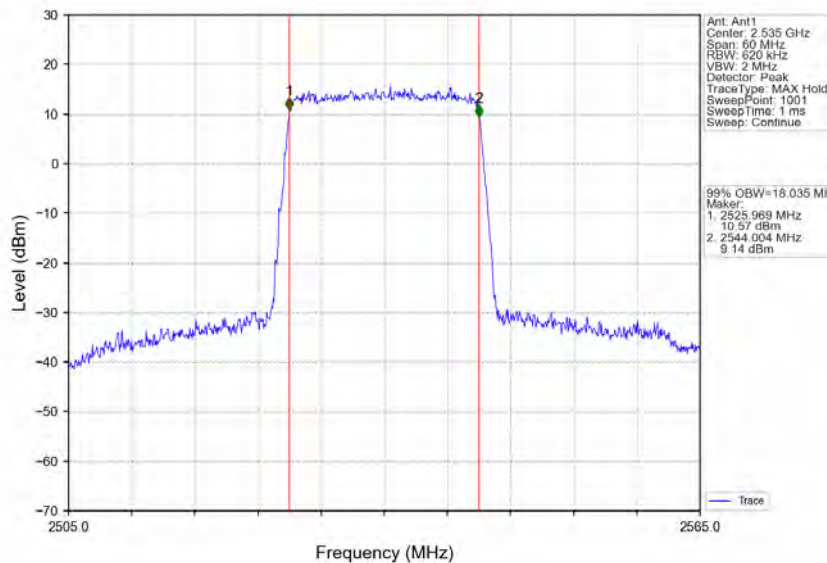
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Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



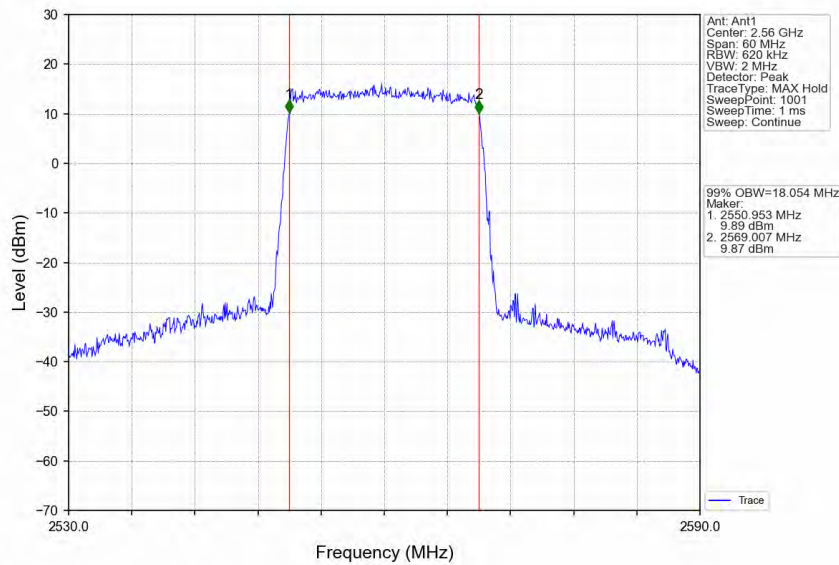
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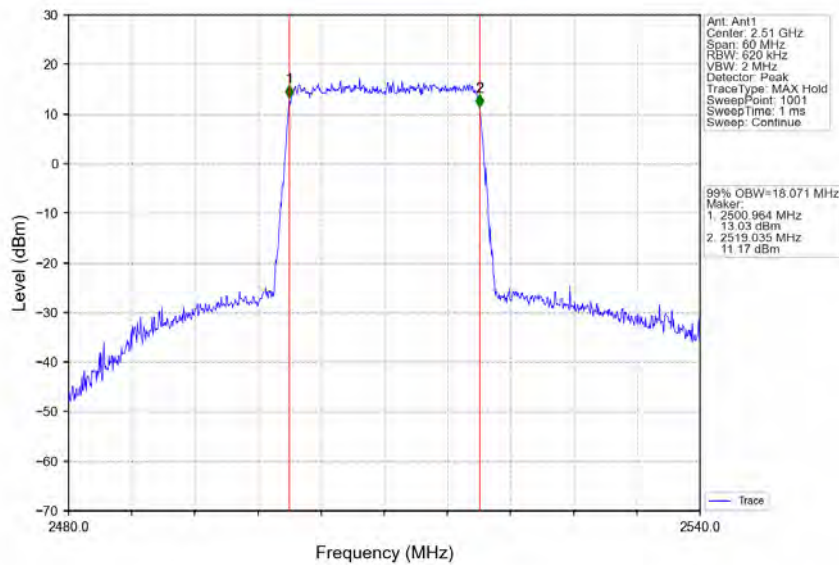
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Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



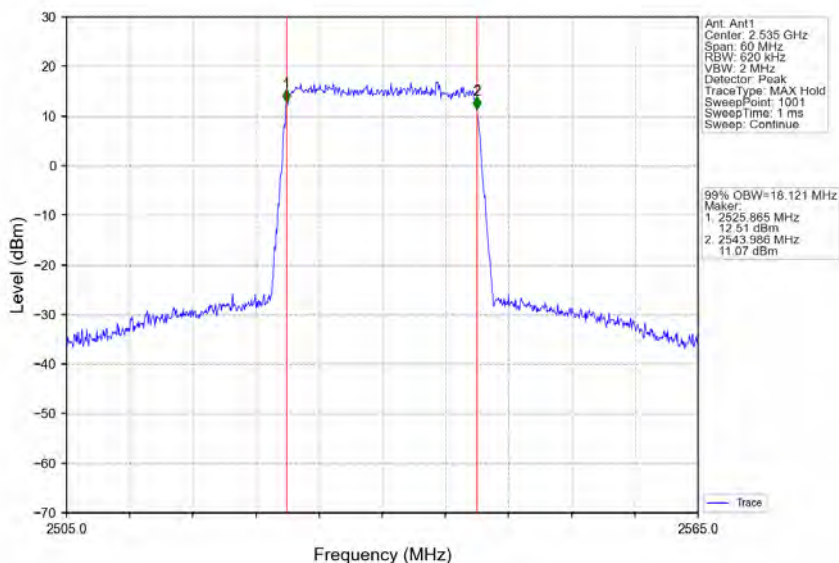
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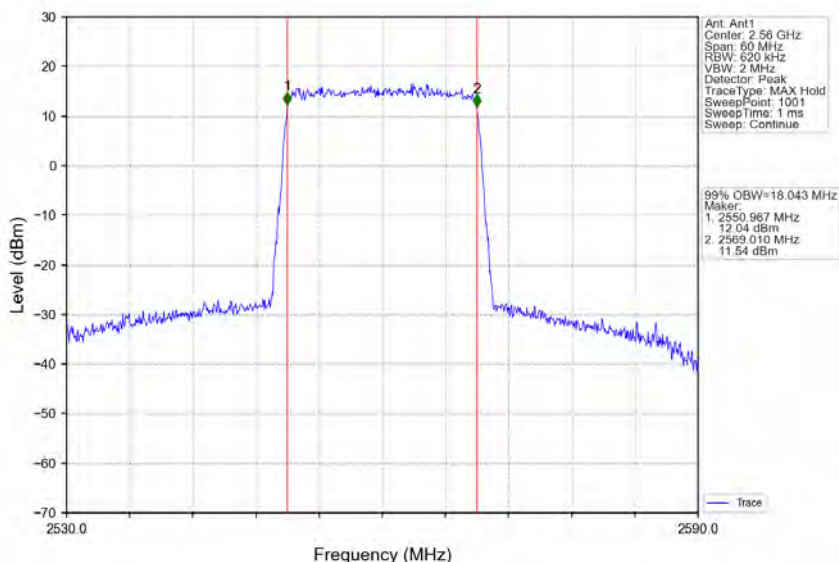
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Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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4.2 Band7_XDB

4.2.1 Test Result

Band: 7 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.085	Pass
		2535	25	0	5.109	Pass
		2567.5	25	0	5.069	Pass
	16QAM	2502.5	25	0	5.042	Pass
		2535	25	0	5.060	Pass
		2567.5	25	0	5.073	Pass
	64QAM	2502.5	25	0	4.981	Pass
		2535	25	0	5.005	Pass
		2567.5	25	0	5.003	Pass
10	QPSK	2505	50	0	10.066	Pass
		2535	50	0	10.102	Pass
		2565	50	0	9.973	Pass
	16QAM	2505	50	0	9.991	Pass
		2535	50	0	10.064	Pass
		2565	50	0	10.026	Pass
	64QAM	2505	50	0	9.888	Pass
		2535	50	0	9.916	Pass
		2565	50	0	9.914	Pass
15	QPSK	2507.5	75	0	15.015	Pass
		2535	75	0	14.934	Pass
		2562.5	75	0	15.081	Pass
	16QAM	2507.5	75	0	14.998	Pass
		2535	75	0	15.028	Pass
		2562.5	75	0	14.952	Pass
	64QAM	2507.5	75	0	14.844	Pass
		2535	75	0	14.838	Pass
		2562.5	75	0	14.883	Pass
20	QPSK	2510	100	0	19.644	Pass
		2535	100	0	19.910	Pass
		2560	100	0	19.729	Pass
	16QAM	2510	100	0	19.685	Pass
		2535	100	0	19.915	Pass
		2560	100	0	19.844	Pass
	64QAM	2510	100	0	19.728	Pass
		2535	100	0	19.765	Pass
		2560	100	0	19.683	Pass



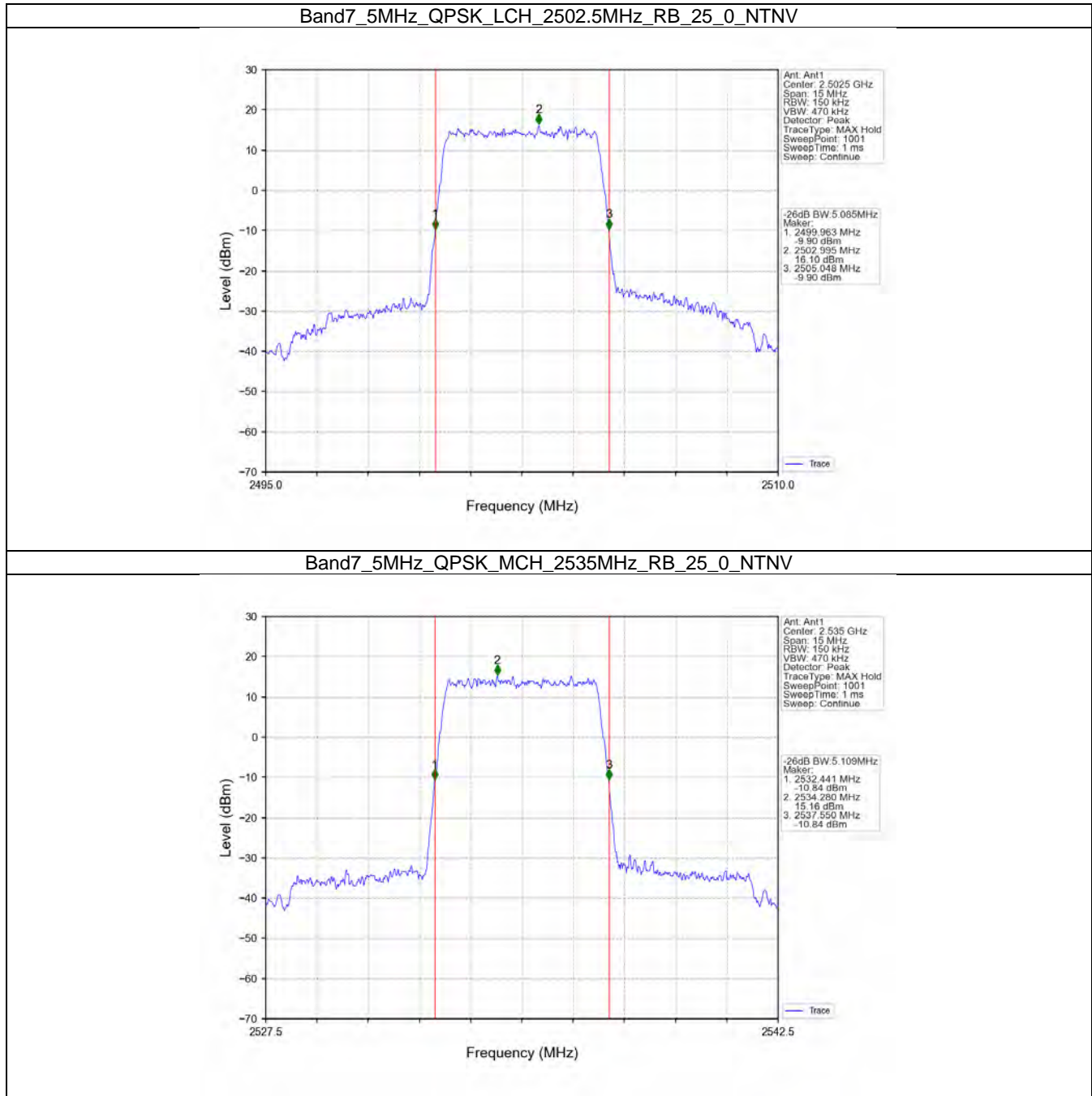
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4.2.2 Test Graph



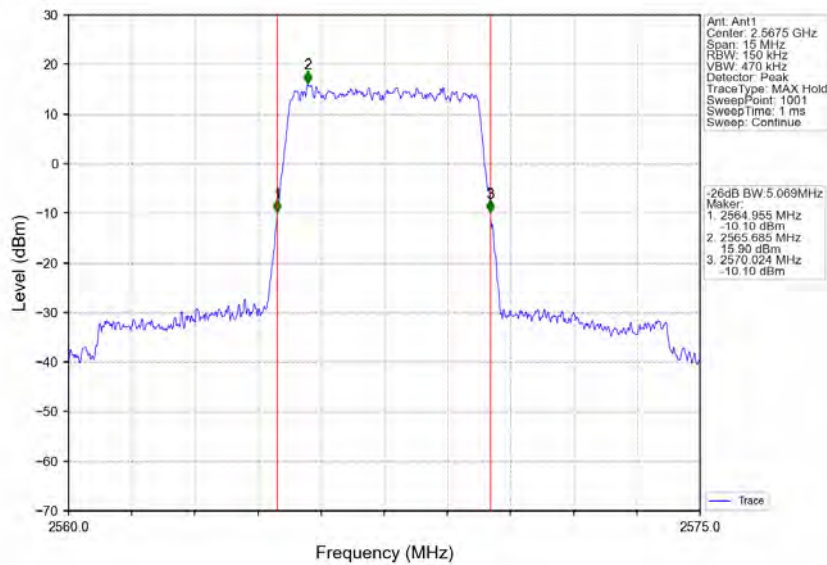
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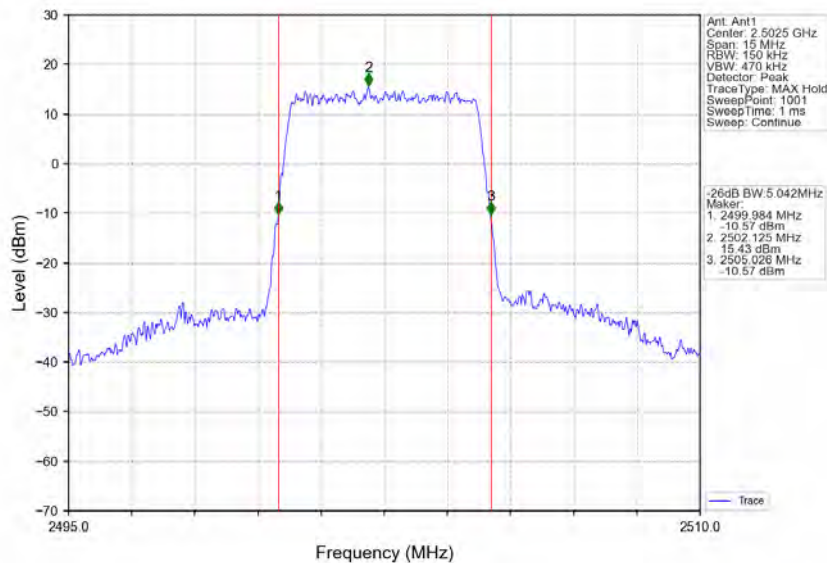
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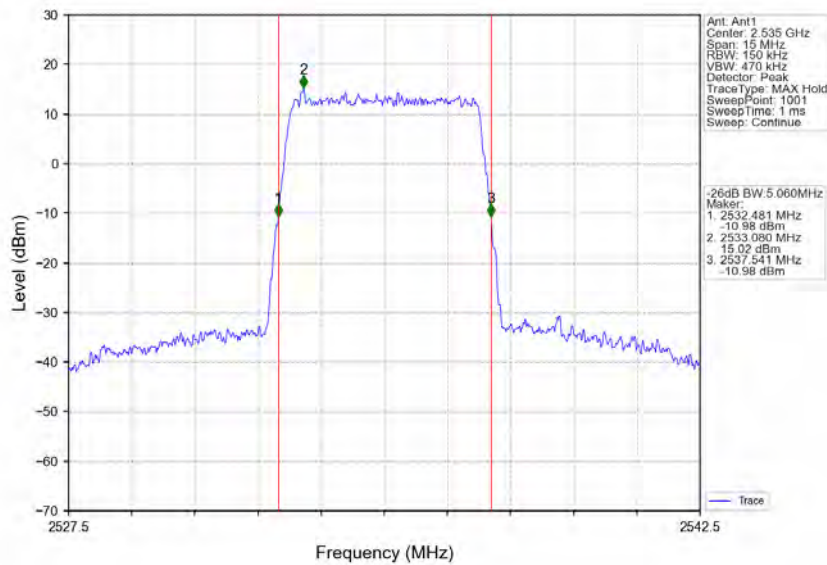
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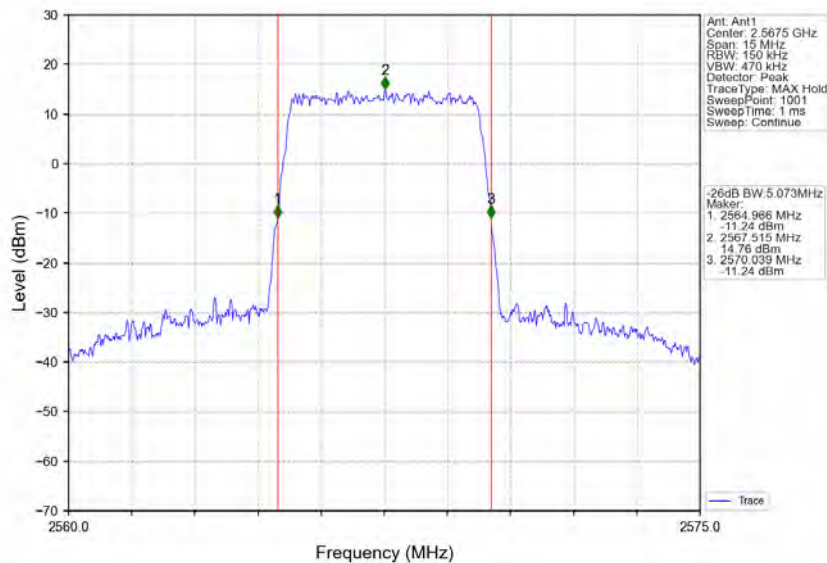
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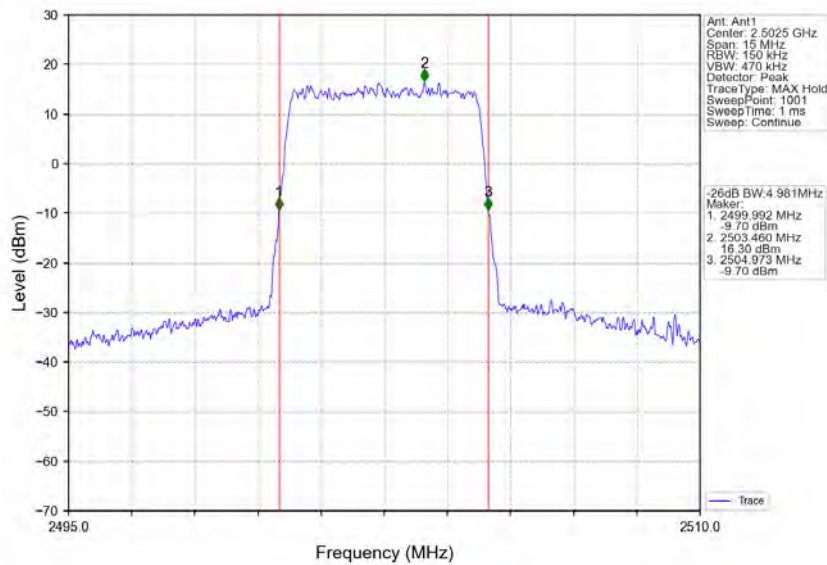
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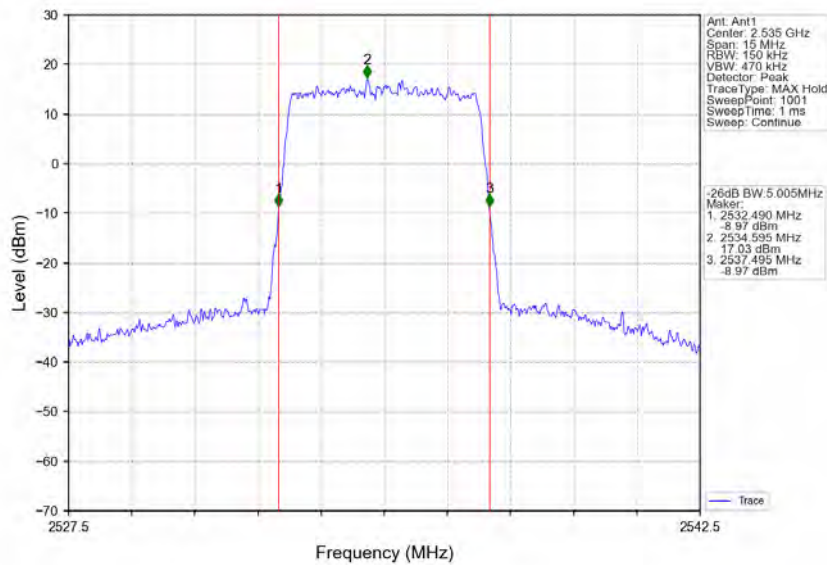
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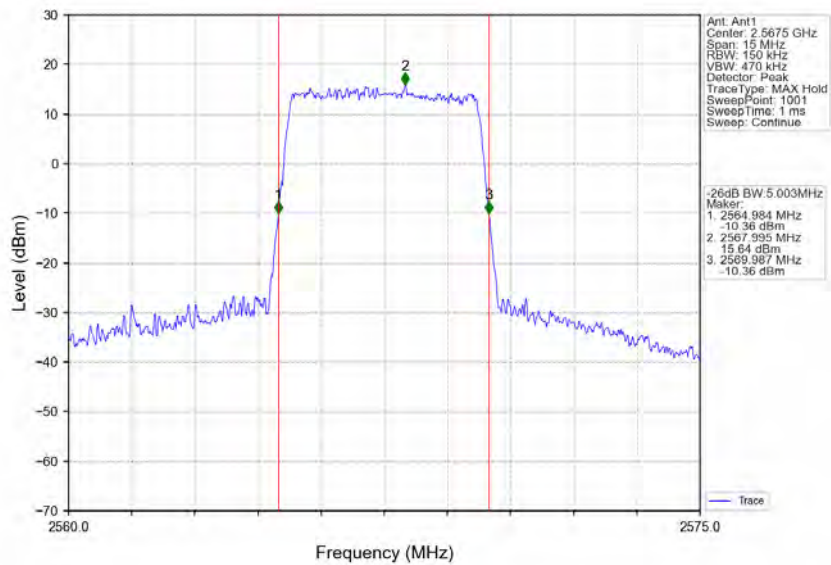
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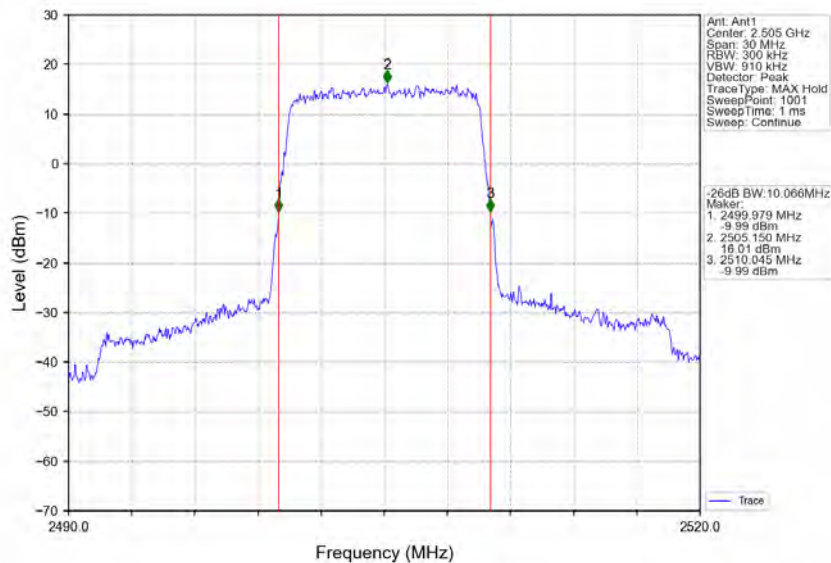
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



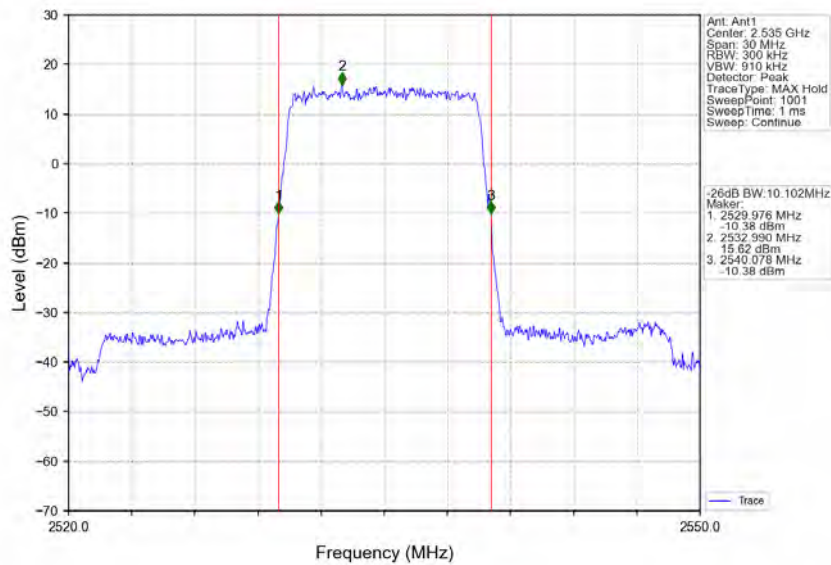
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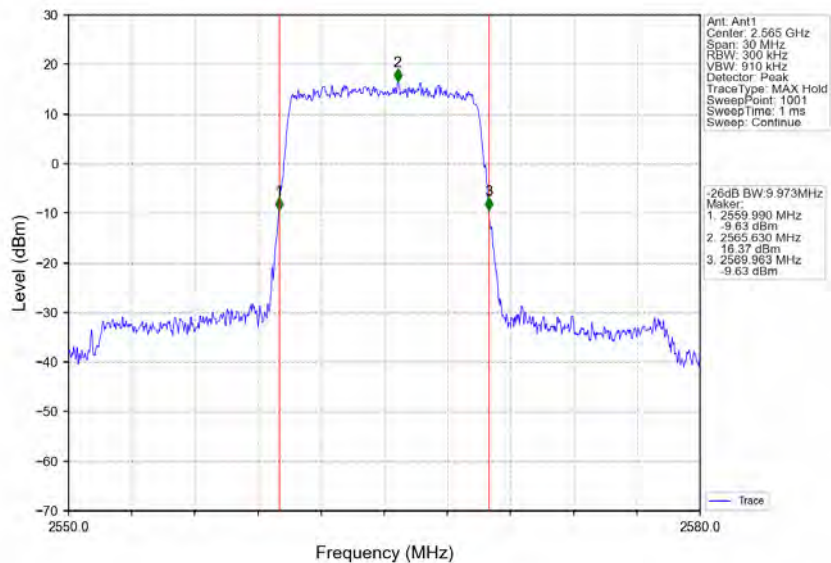
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Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



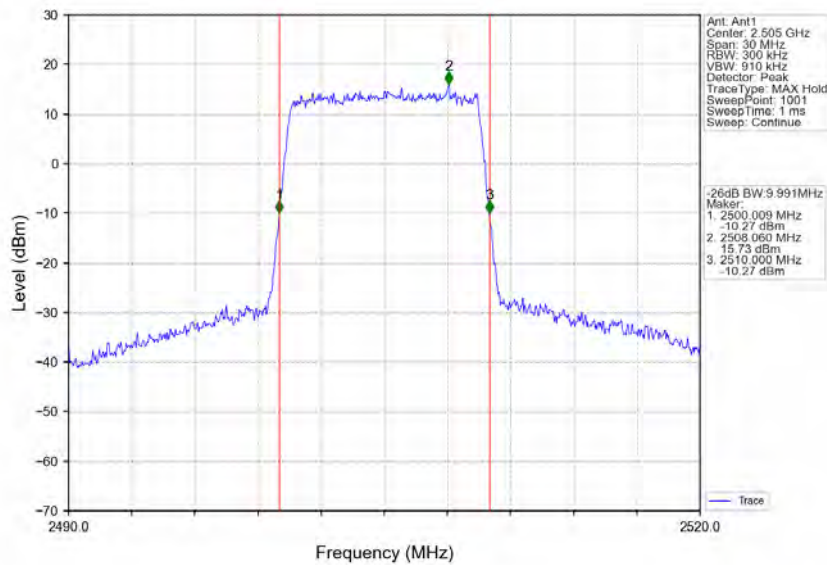
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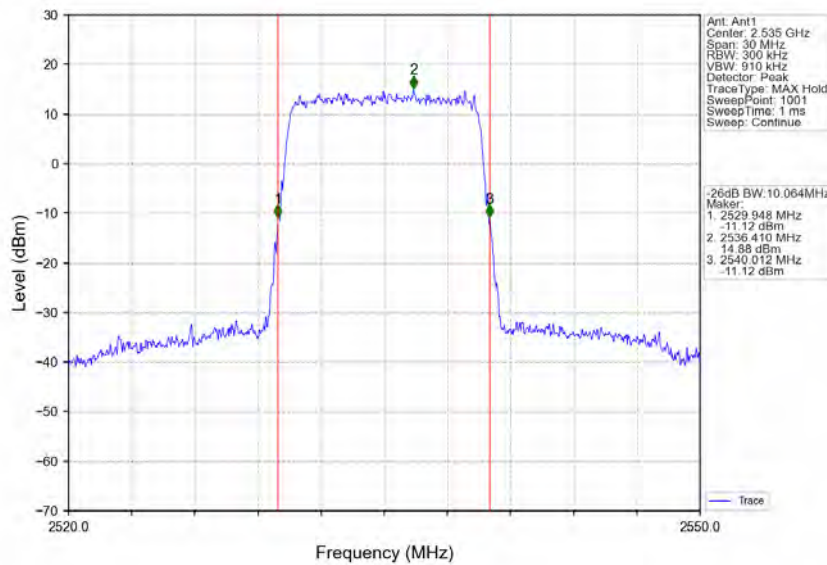
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



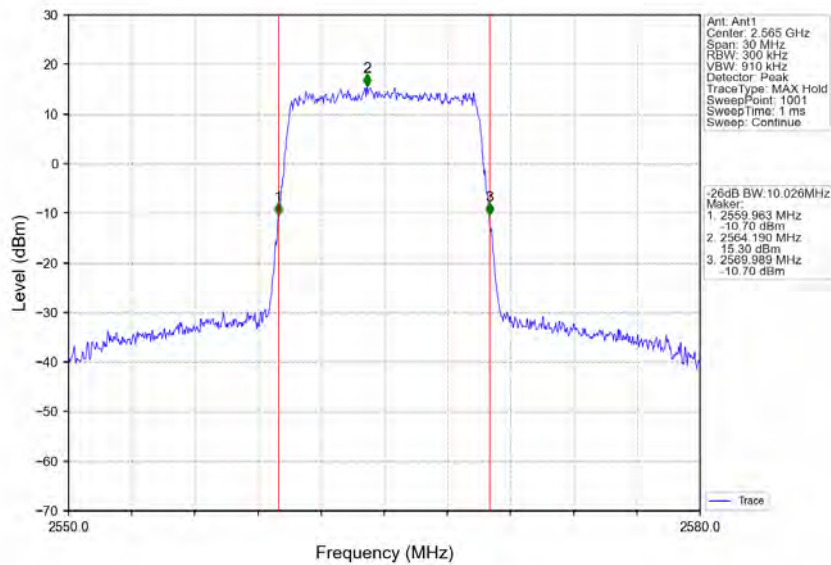
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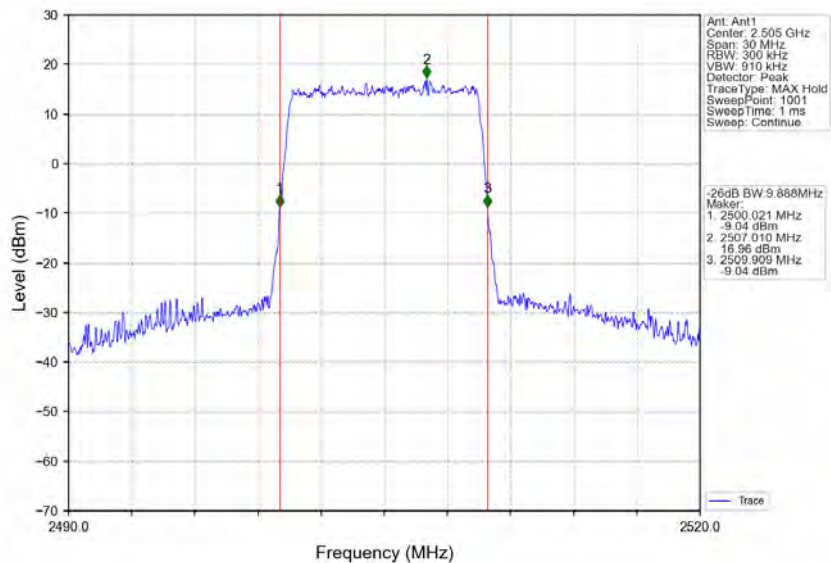
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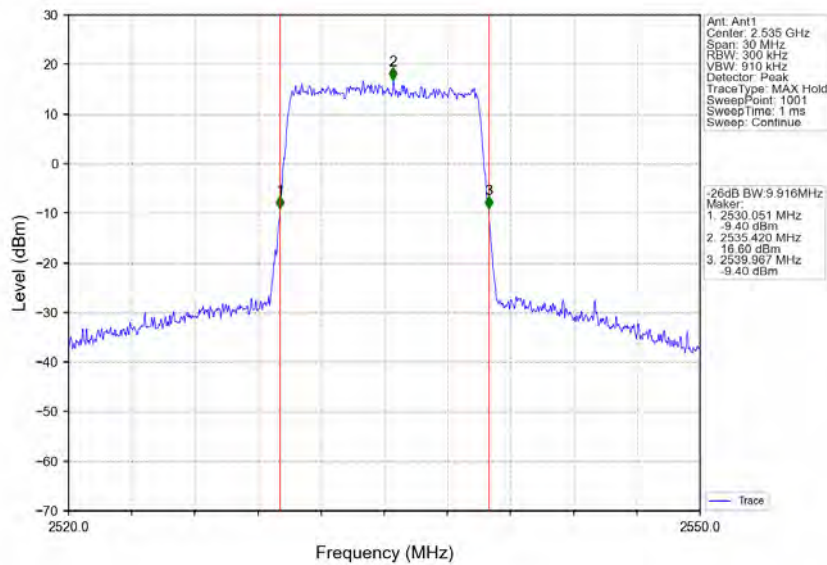
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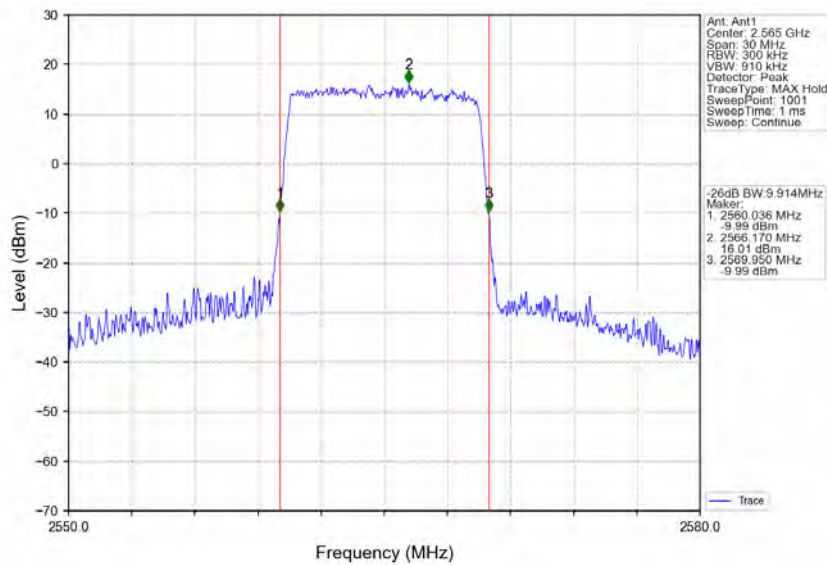
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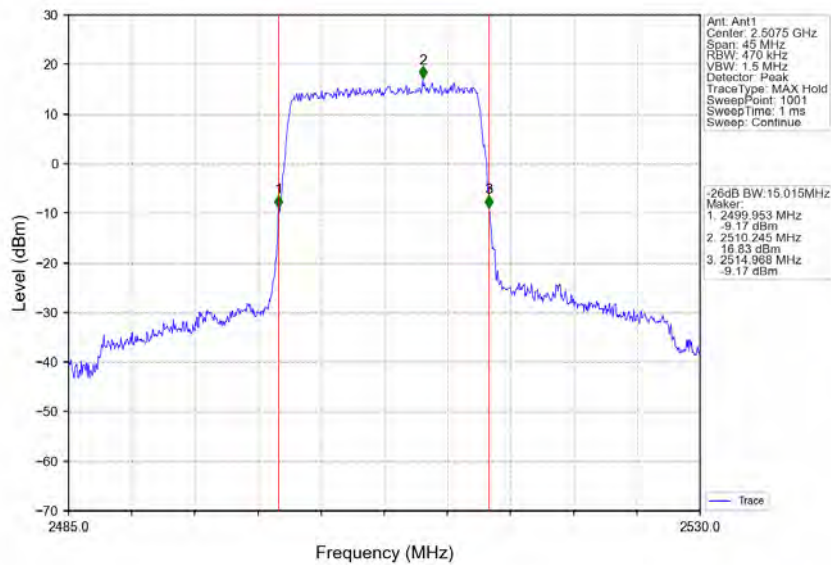
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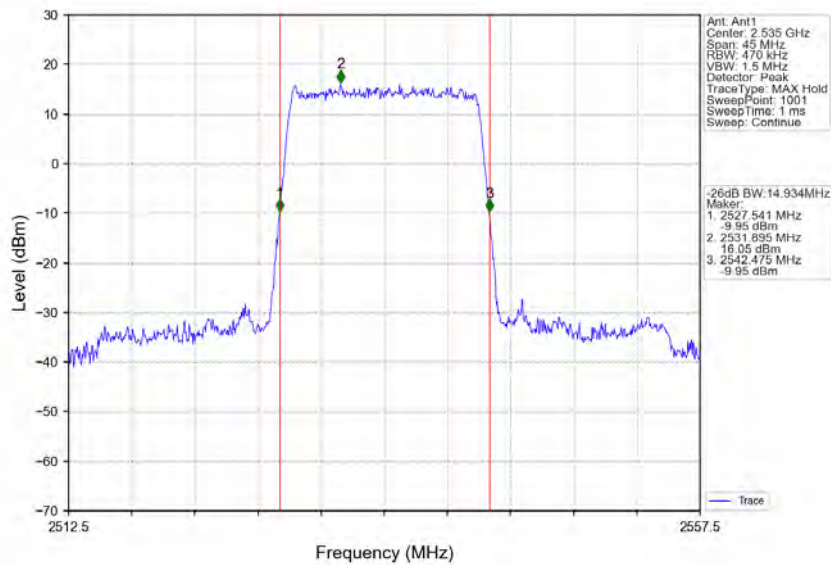
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Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



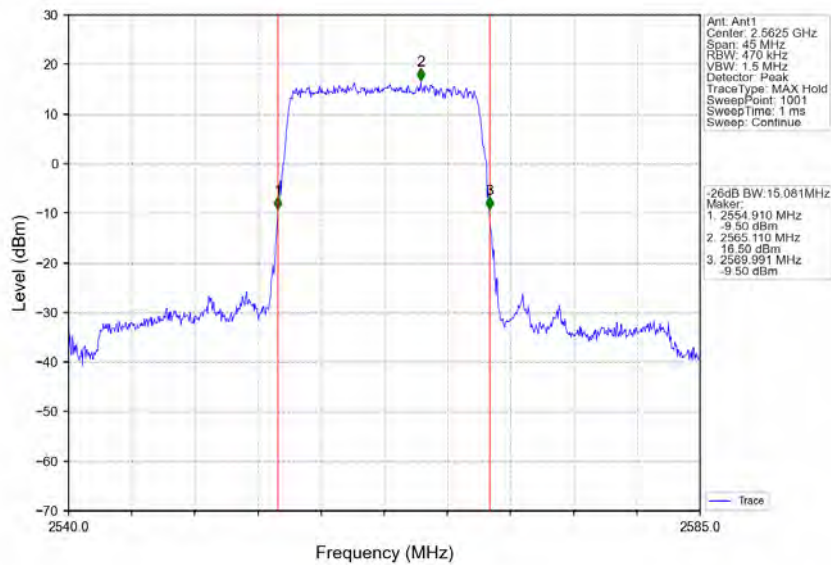
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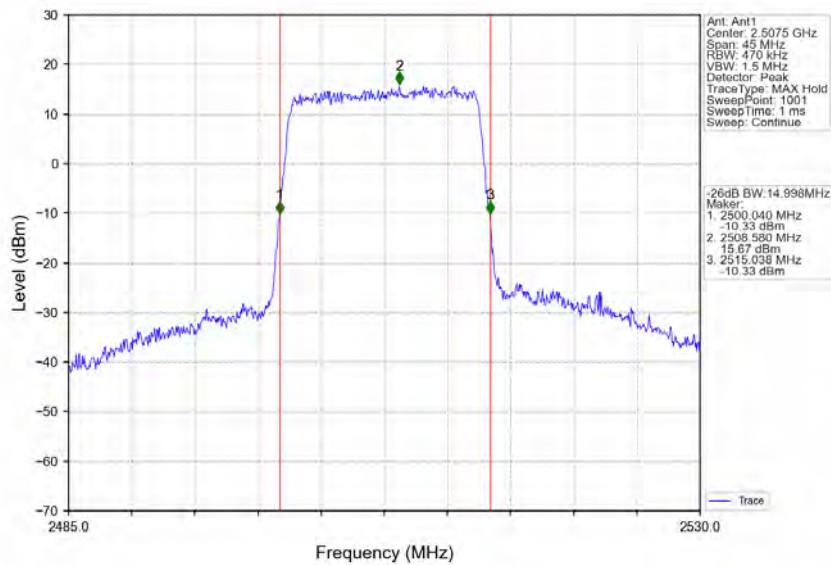
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



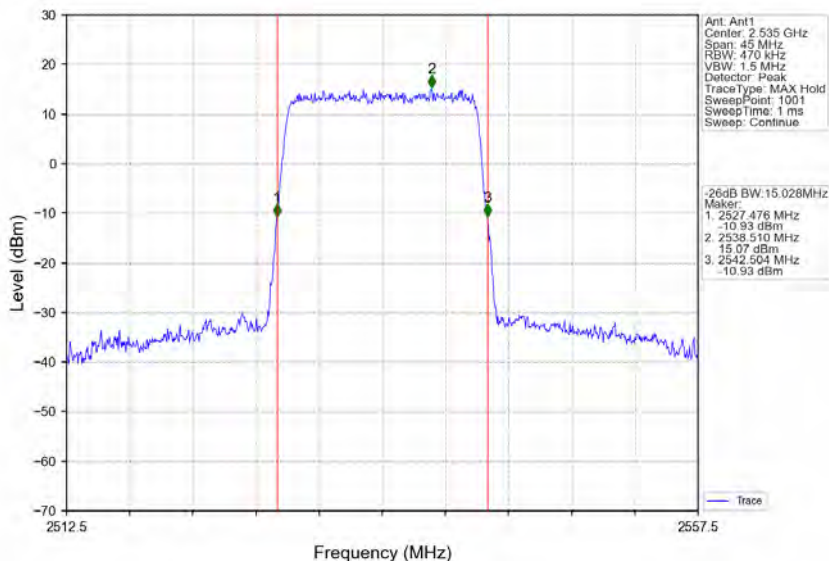
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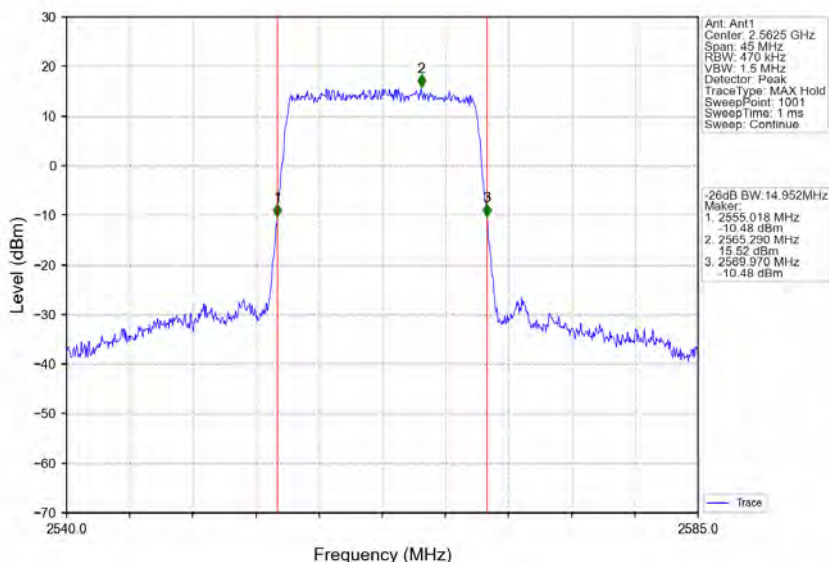
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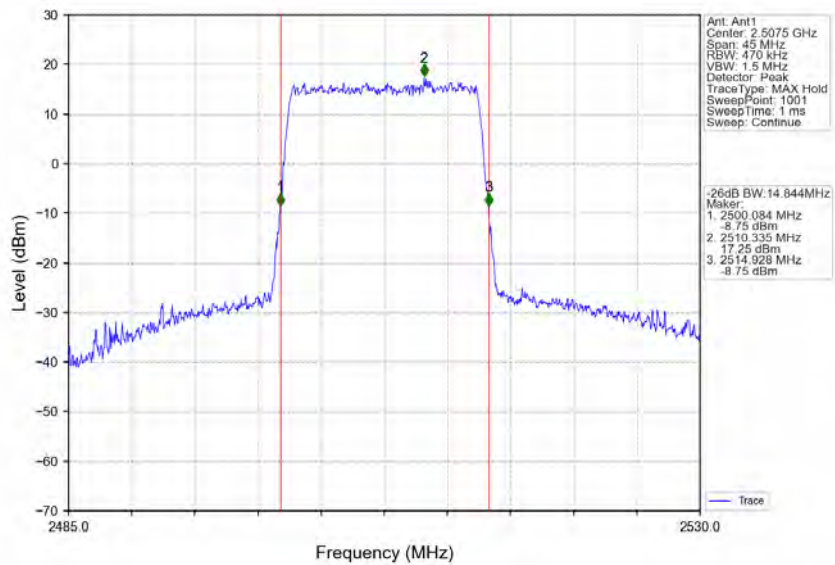
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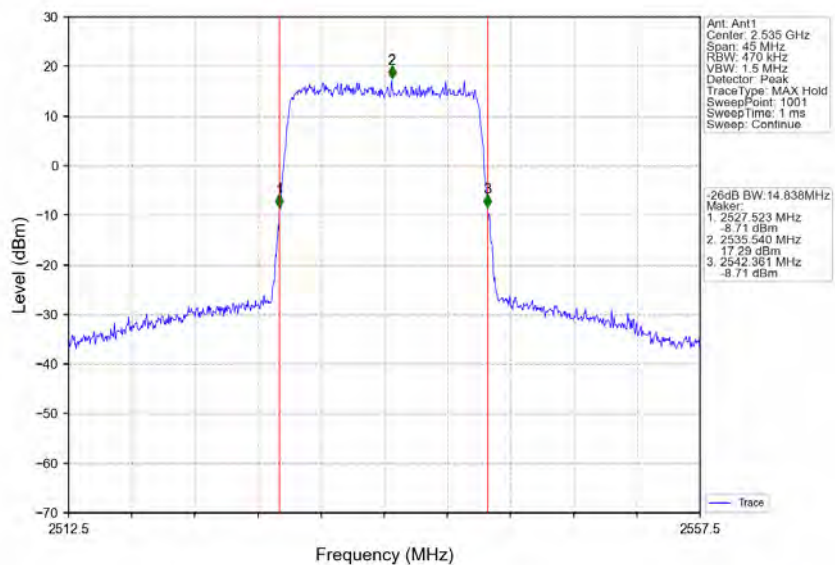
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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



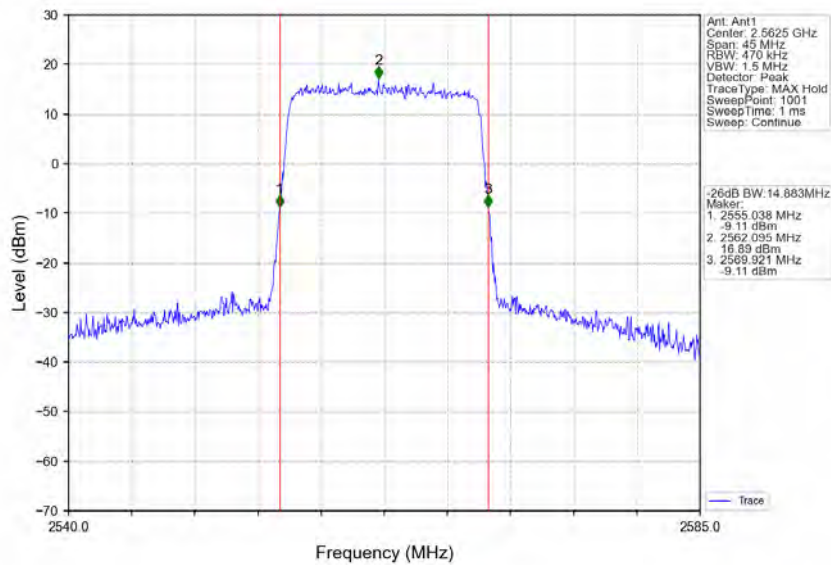
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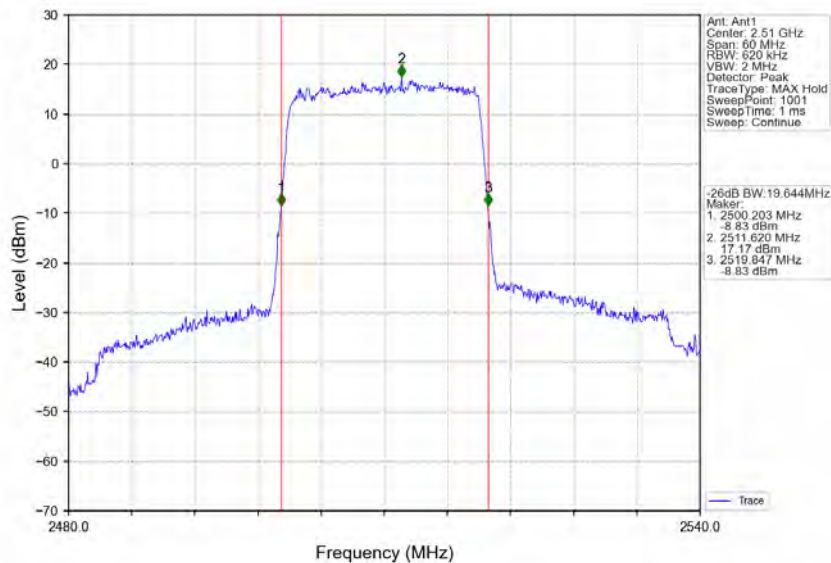
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Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



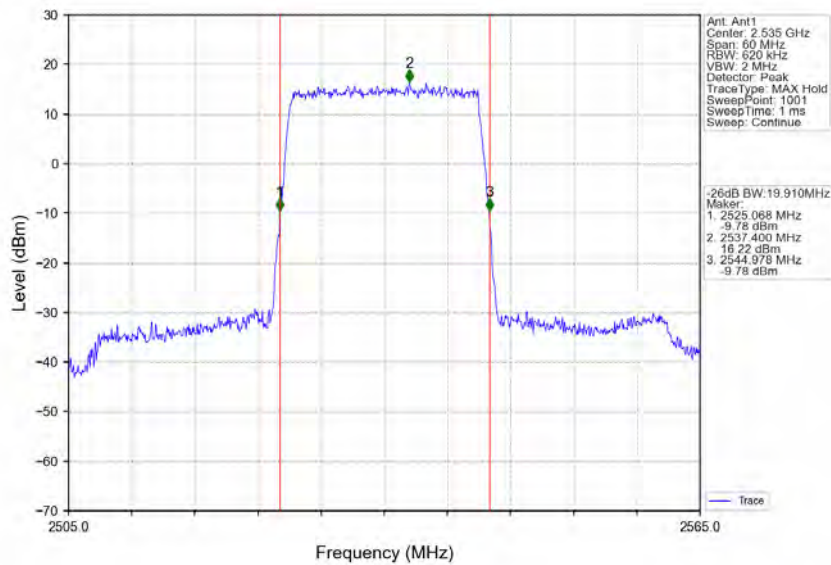
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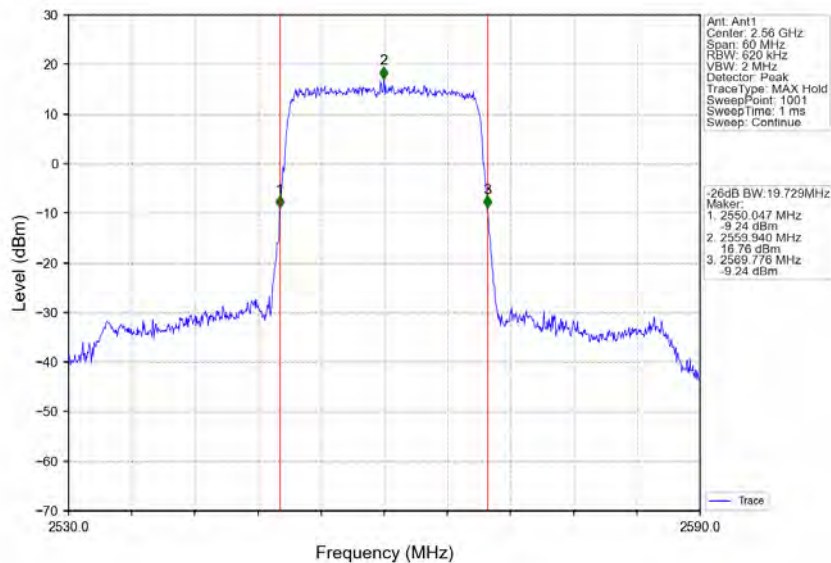
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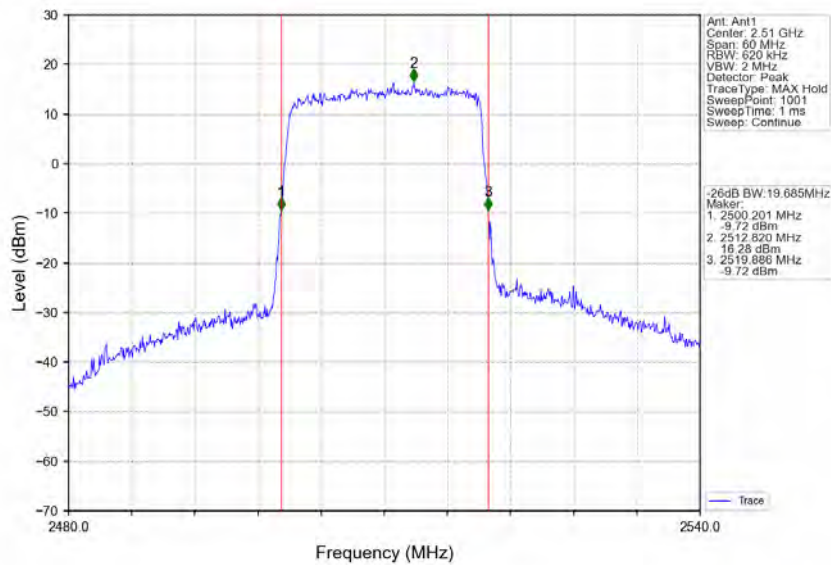
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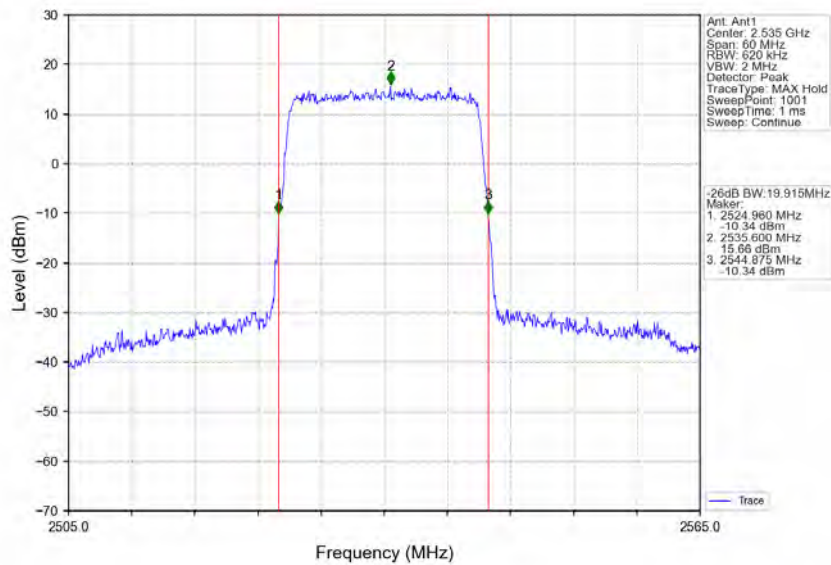
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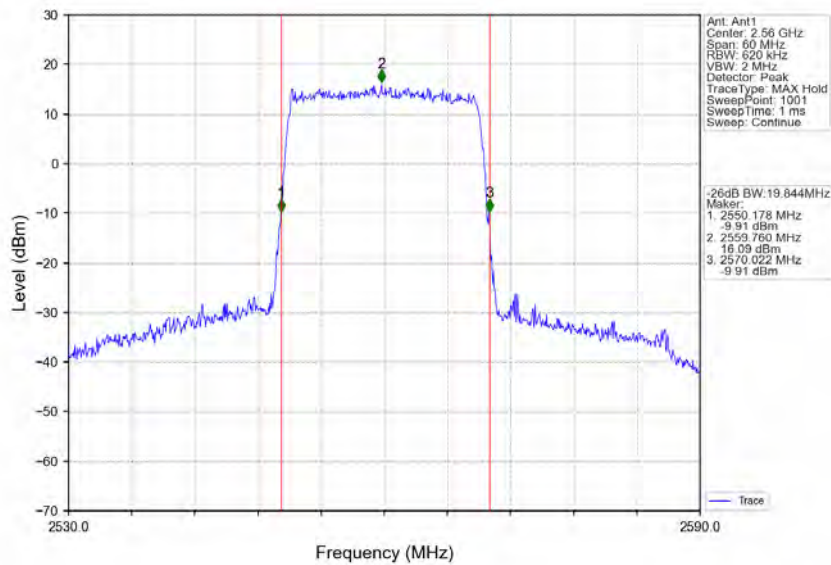
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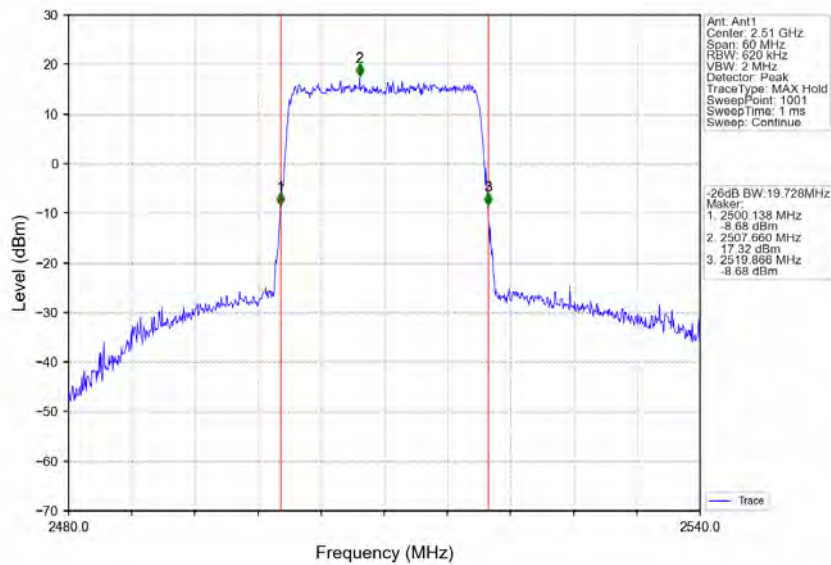
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Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



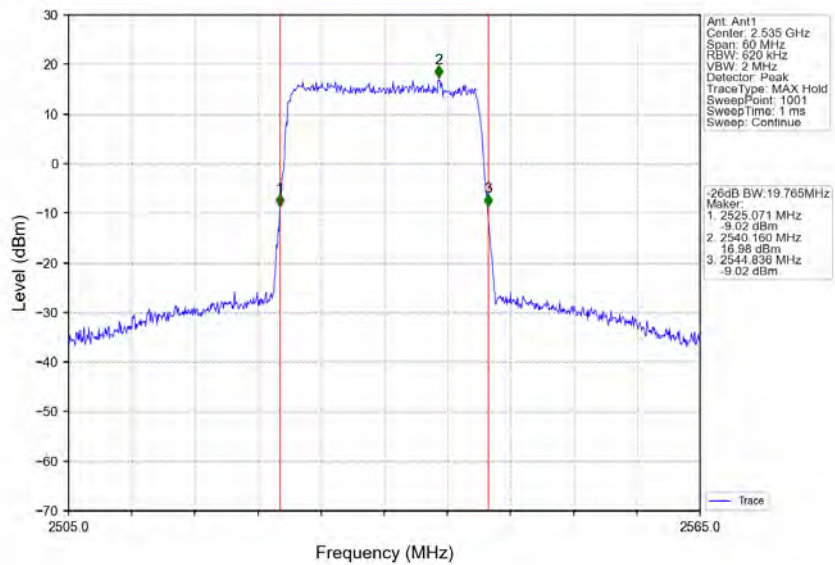
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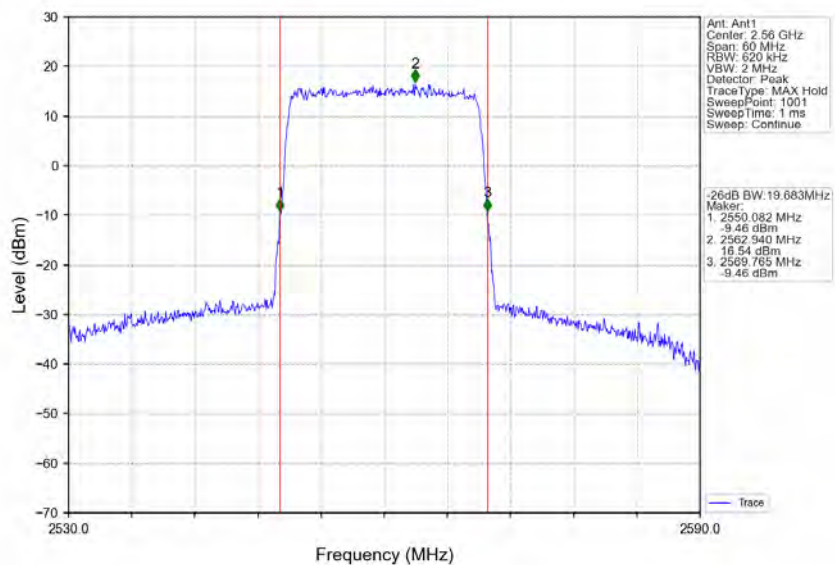
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Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B7_5MHz

5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.10	<=13	Pass
	2535	25	0	5.16	<=13	Pass
	2567.5	25	0	5.05	<=13	Pass
16QAM	2502.5	25	0	5.85	<=13	Pass
	2535	25	0	5.95	<=13	Pass
	2567.5	25	0	5.87	<=13	Pass
64QAM	2502.5	25	0	6.59	<=13	Pass
	2535	25	0	6.62	<=13	Pass
	2567.5	25	0	6.58	<=13	Pass



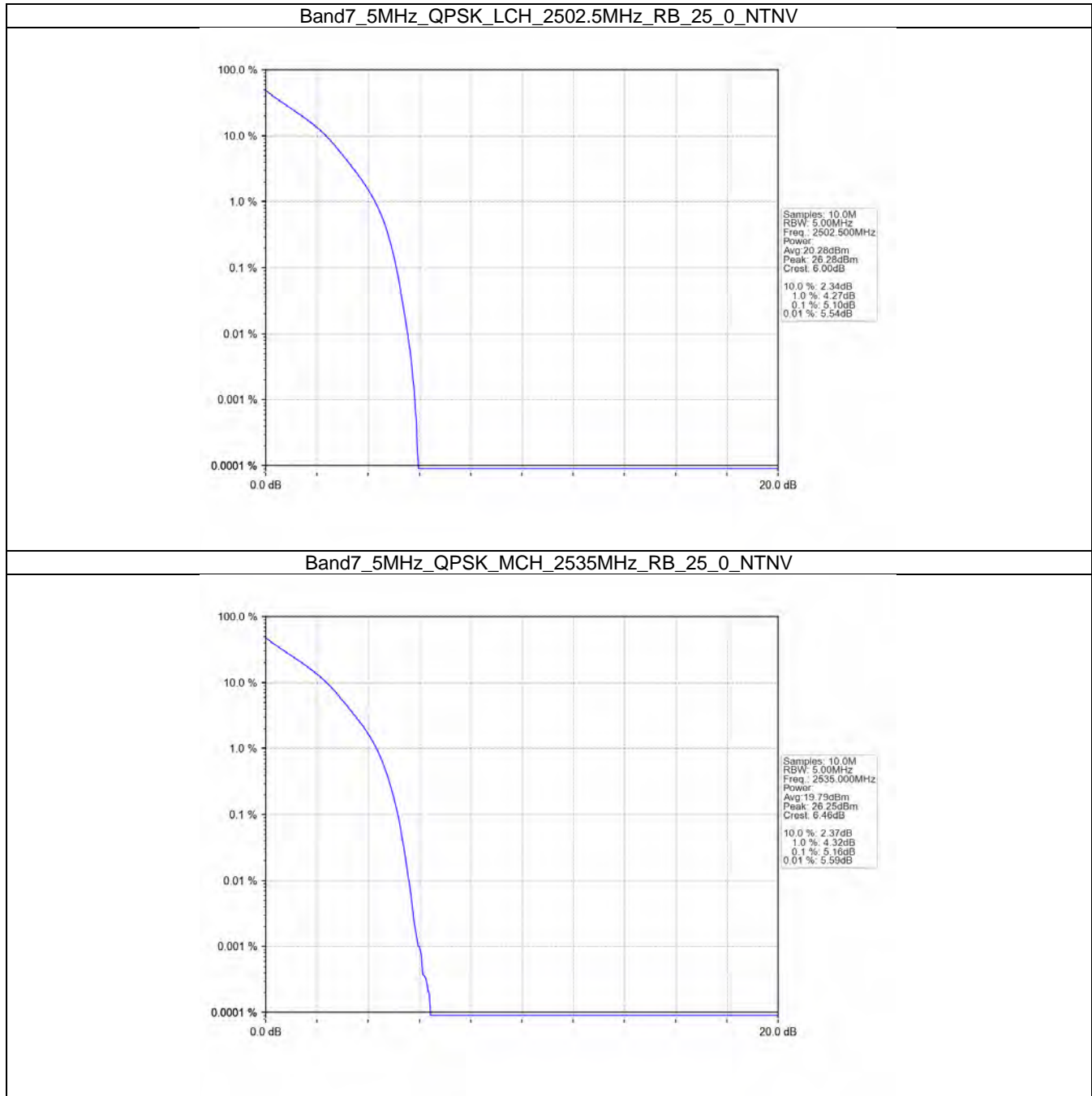
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5.1.2 Test Graph



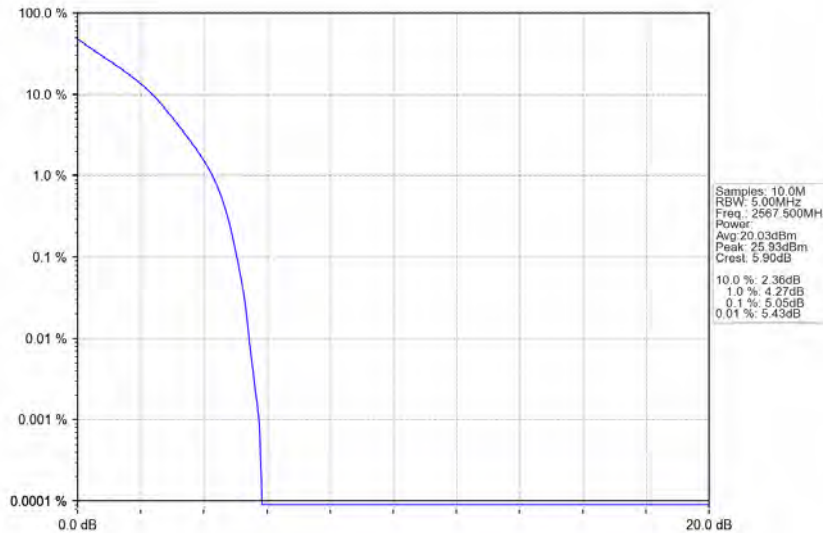
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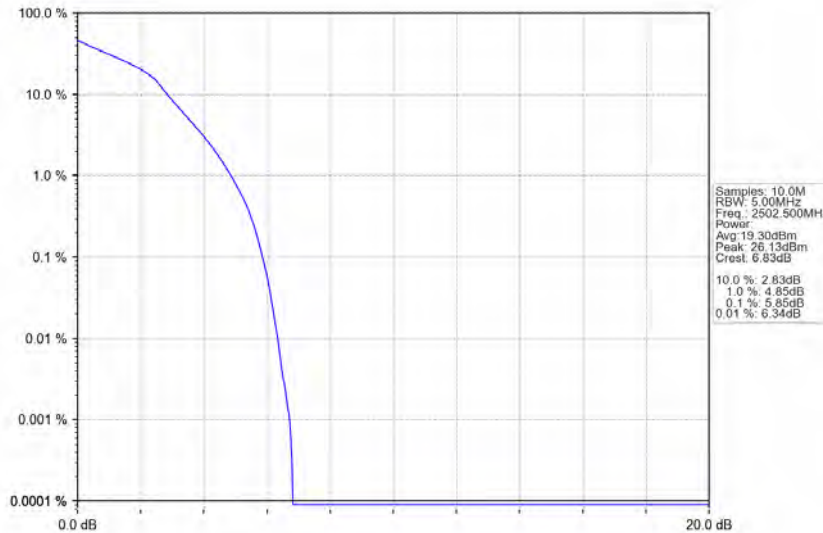
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



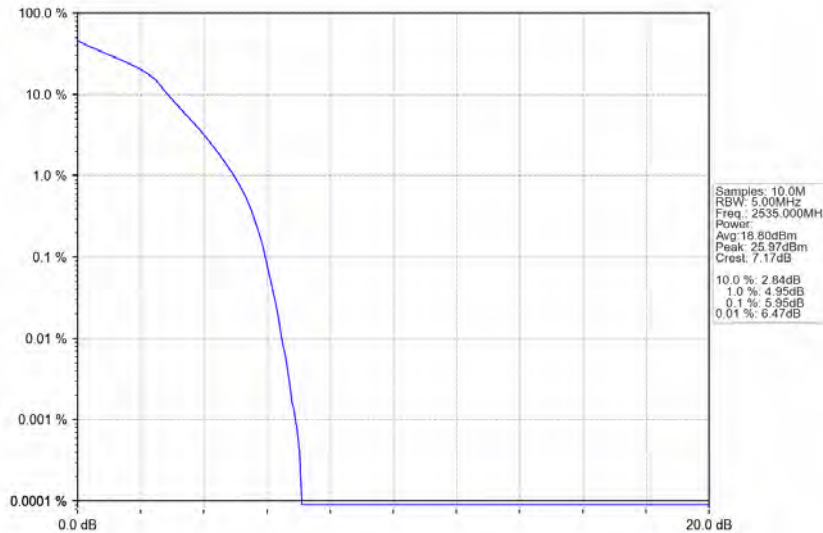
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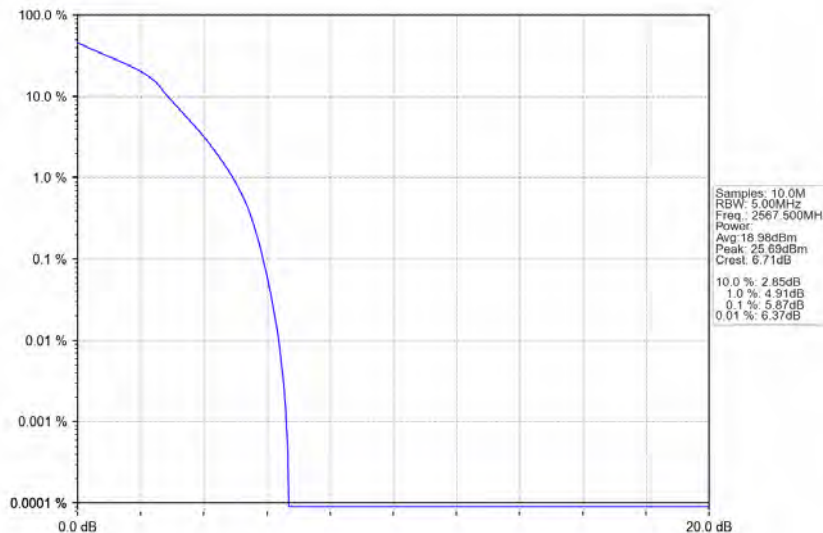
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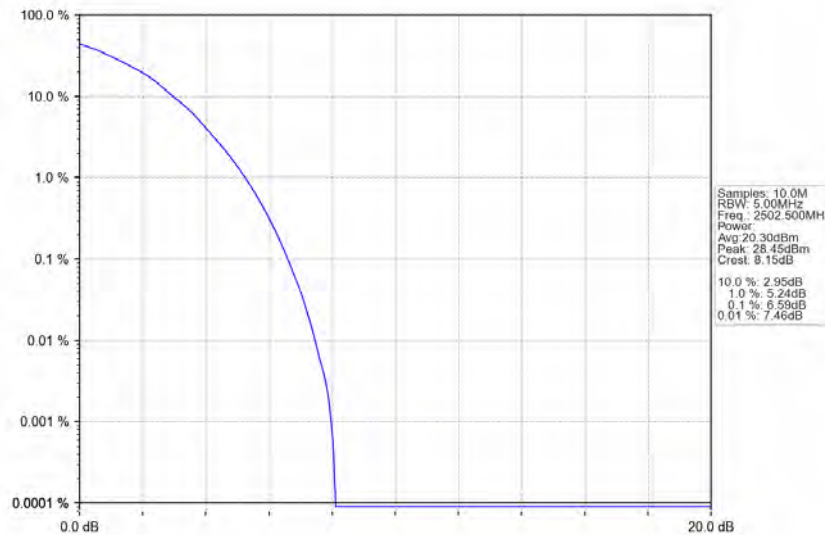
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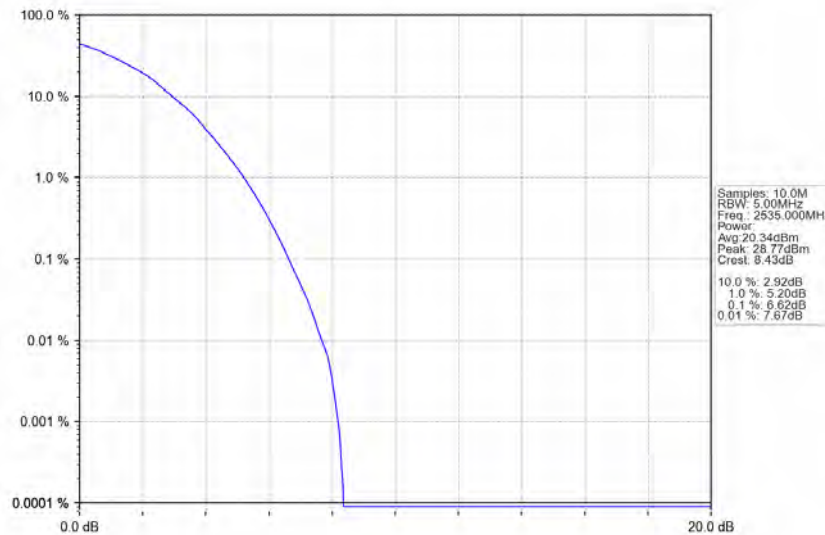
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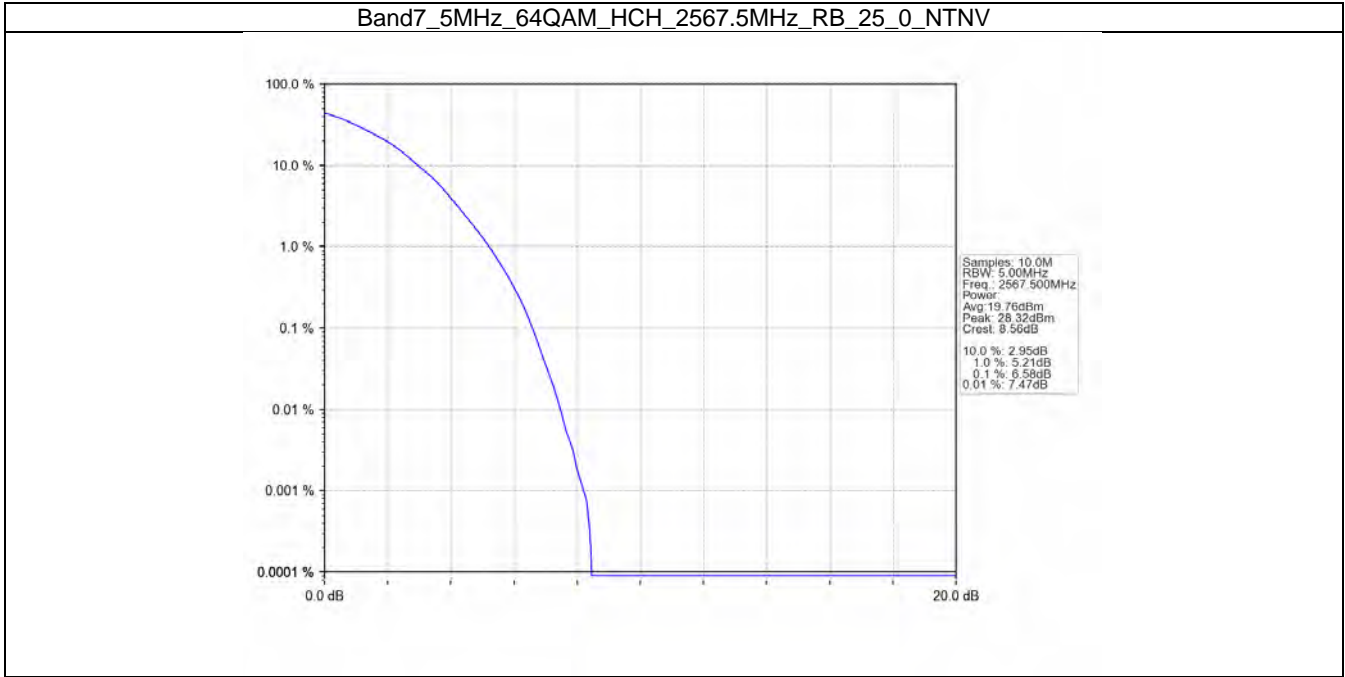


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5.2 B7_10MHz

5.2.1 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	5.39	<=13	Pass
	2535	50	0	5.42	<=13	Pass
	2565	50	0	5.41	<=13	Pass
16QAM	2505	50	0	6.45	<=13	Pass
	2535	50	0	6.39	<=13	Pass
	2565	50	0	6.47	<=13	Pass
64QAM	2505	50	0	6.74	<=13	Pass
	2535	50	0	6.69	<=13	Pass
	2565	50	0	6.69	<=13	Pass

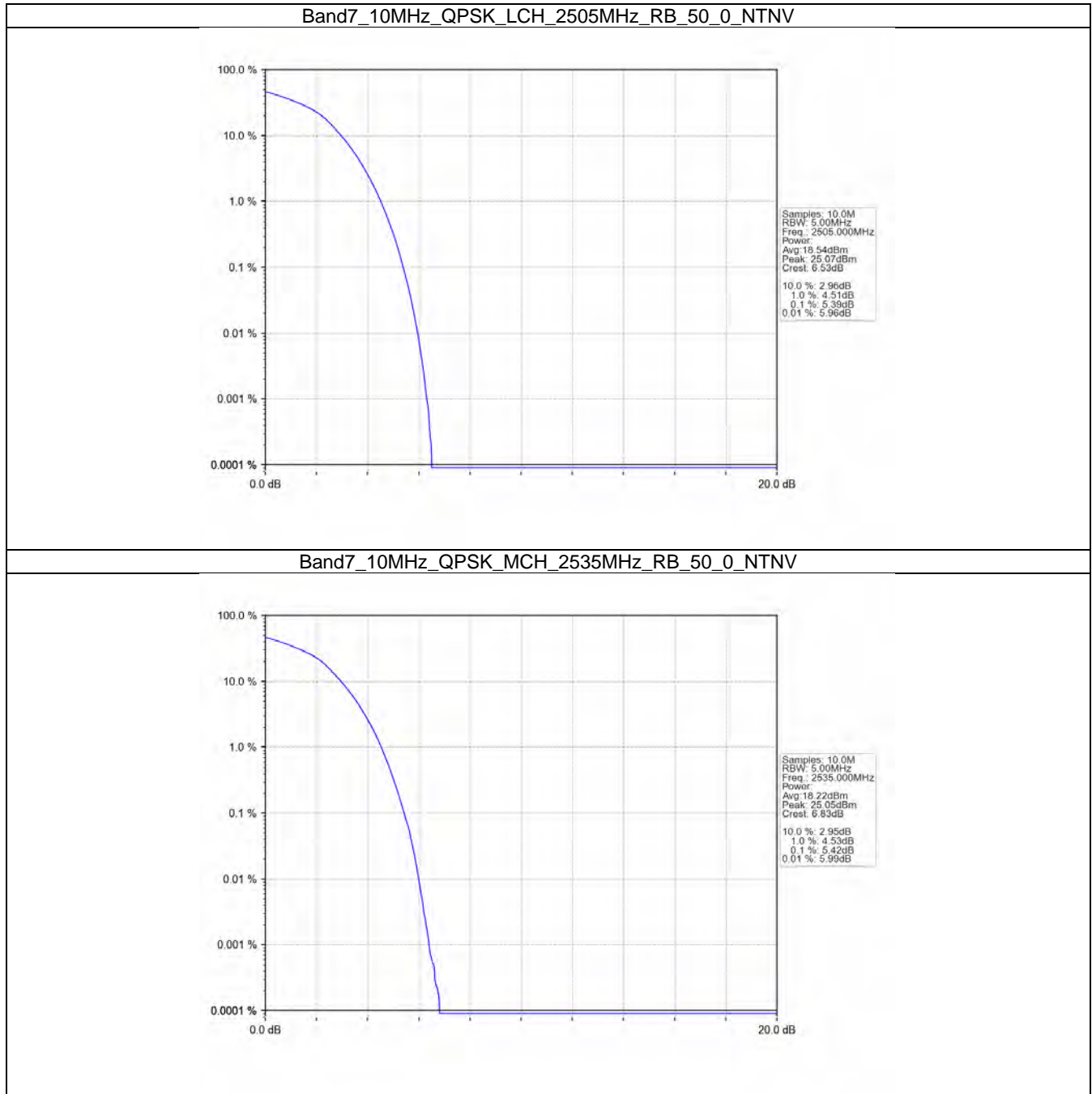


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5.2.2 Test Graph



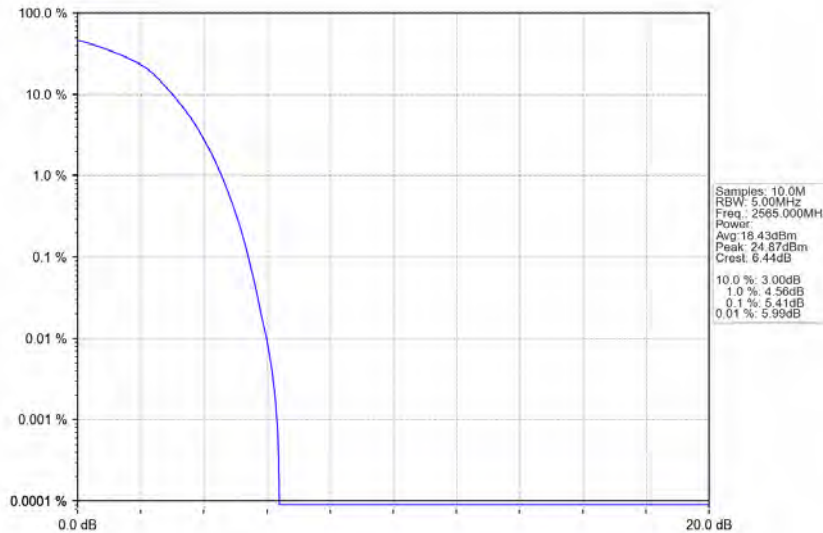
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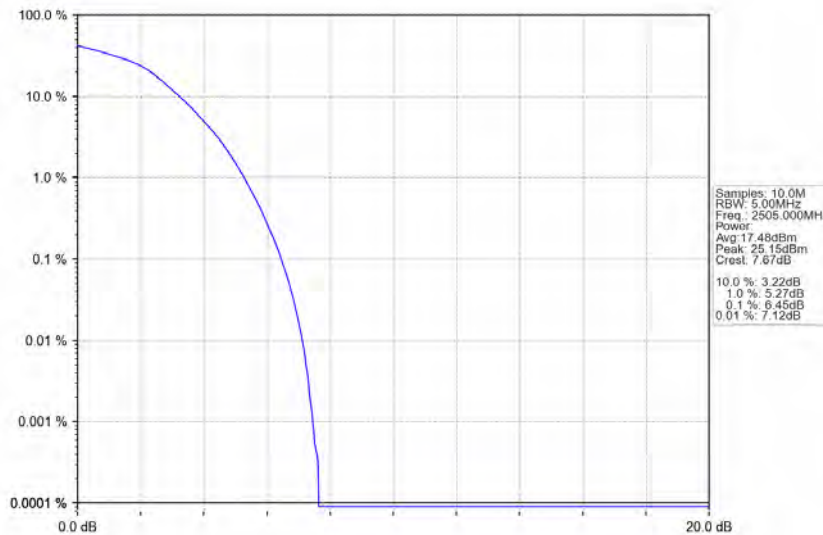
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



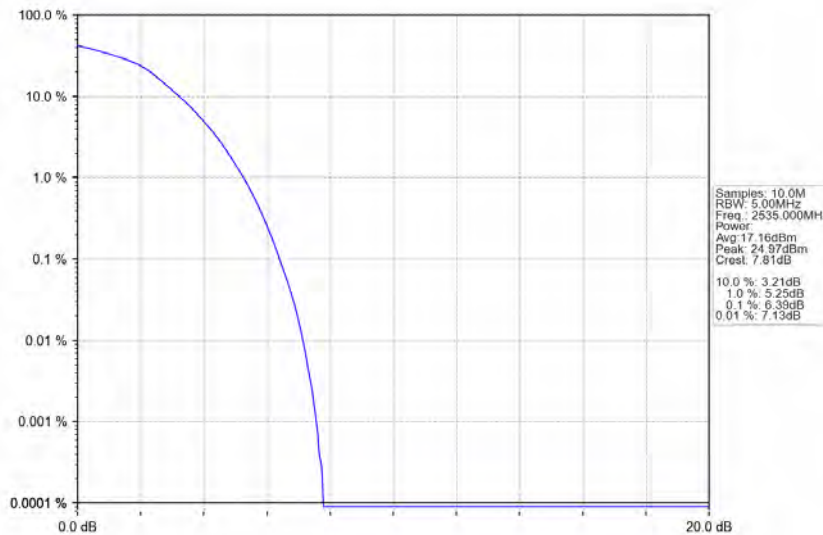
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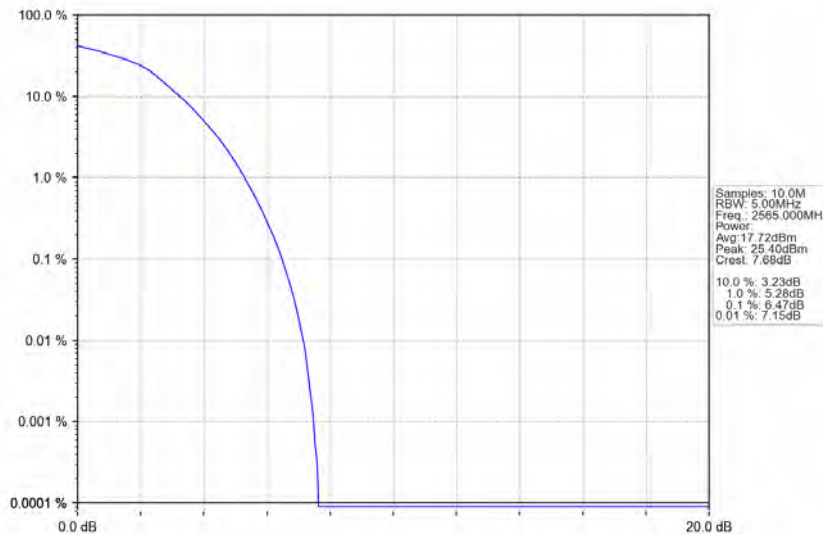
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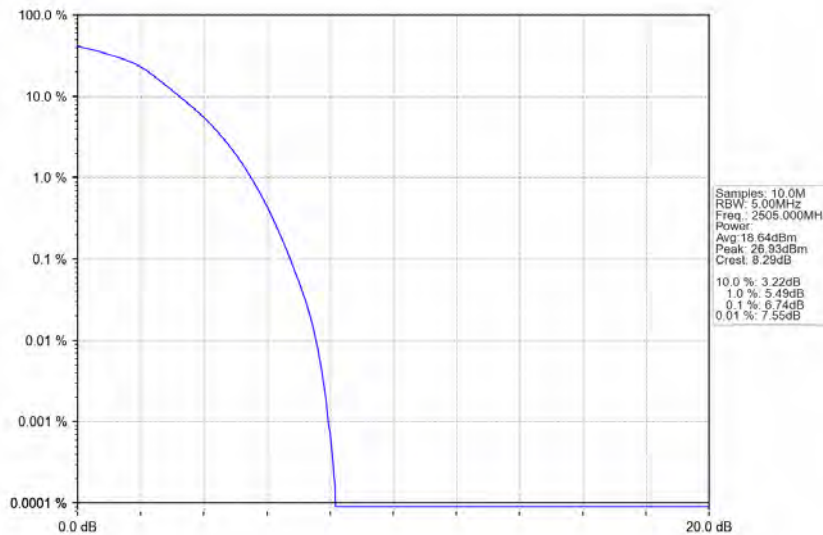
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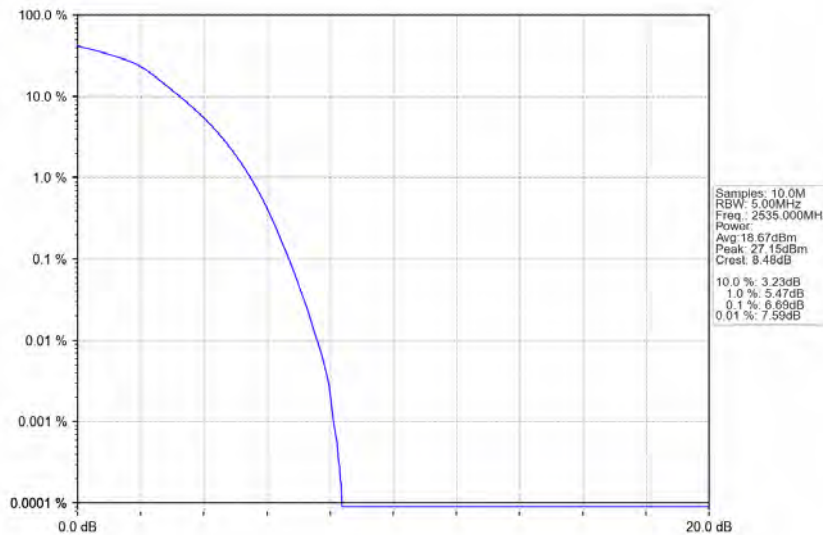
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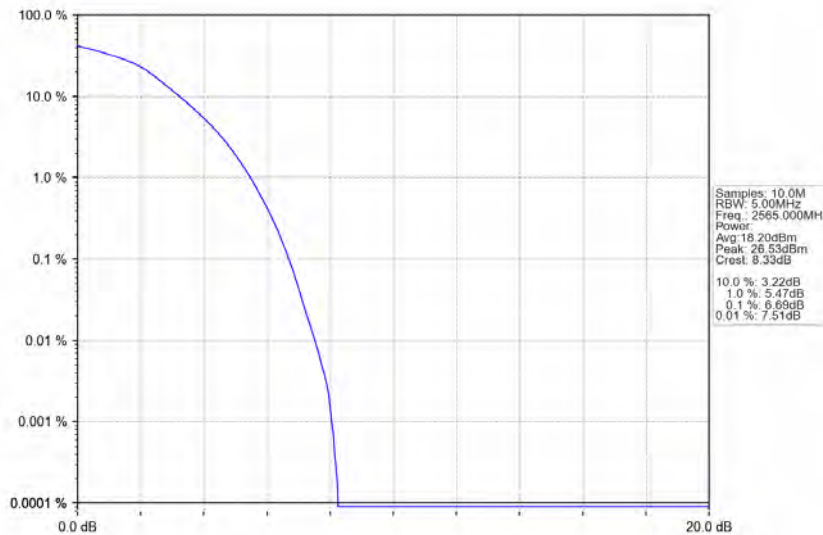
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5.3 B7_15MHz

5.3.1 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	6.36	<=13	Pass
	2535	75	0	6.33	<=13	Pass
	2562.5	75	0	6.33	<=13	Pass
16QAM	2507.5	75	0	6.97	<=13	Pass
	2535	75	0	7.07	<=13	Pass
	2562.5	75	0	7.06	<=13	Pass
64QAM	2507.5	75	0	7.22	<=13	Pass
	2535	75	0	7.17	<=13	Pass
	2562.5	75	0	7.14	<=13	Pass



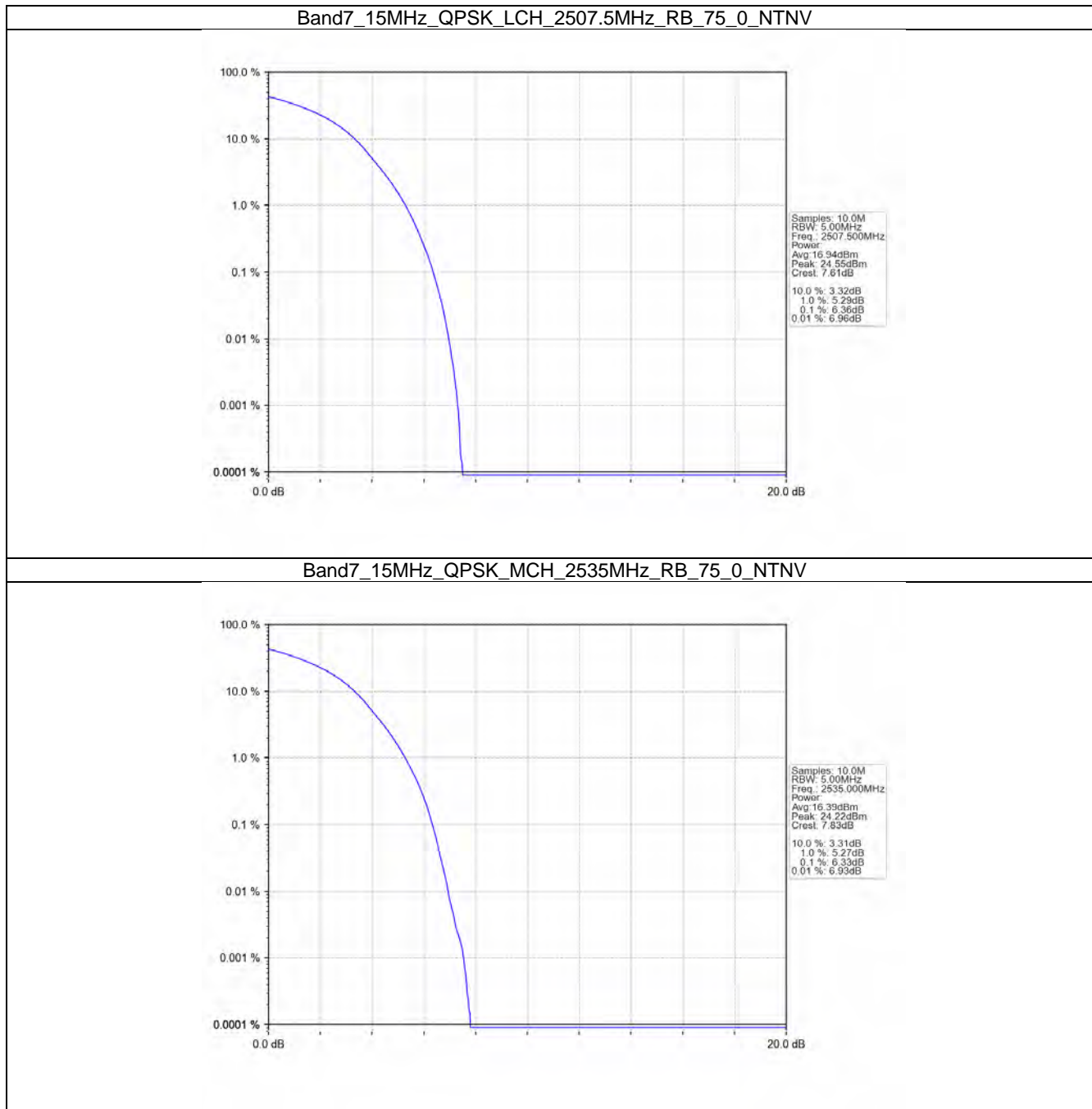
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5.3.2 Test Graph



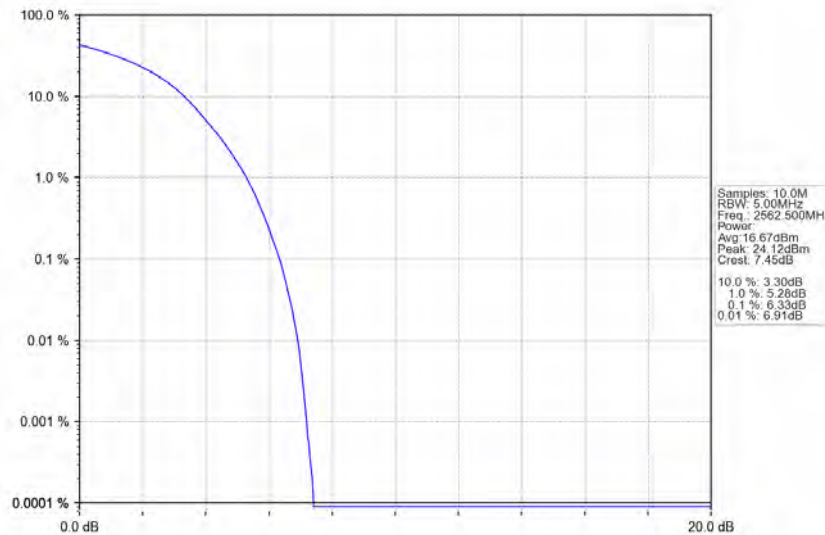
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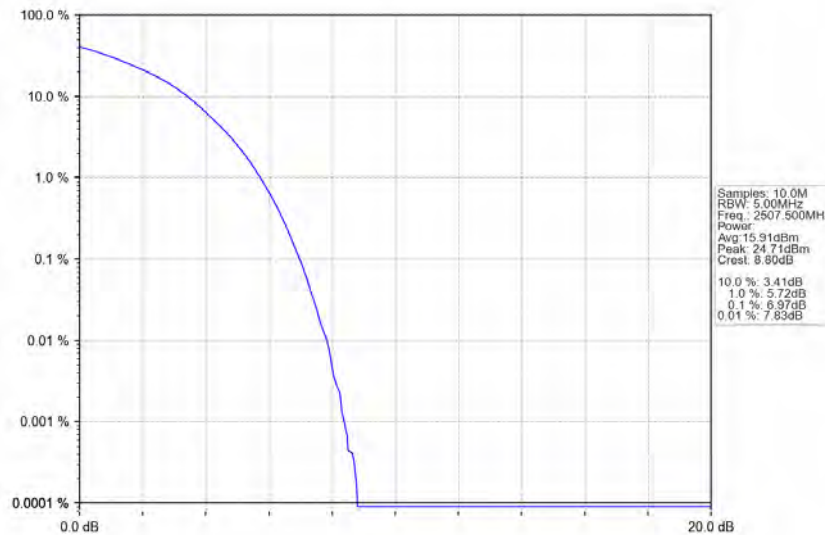
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



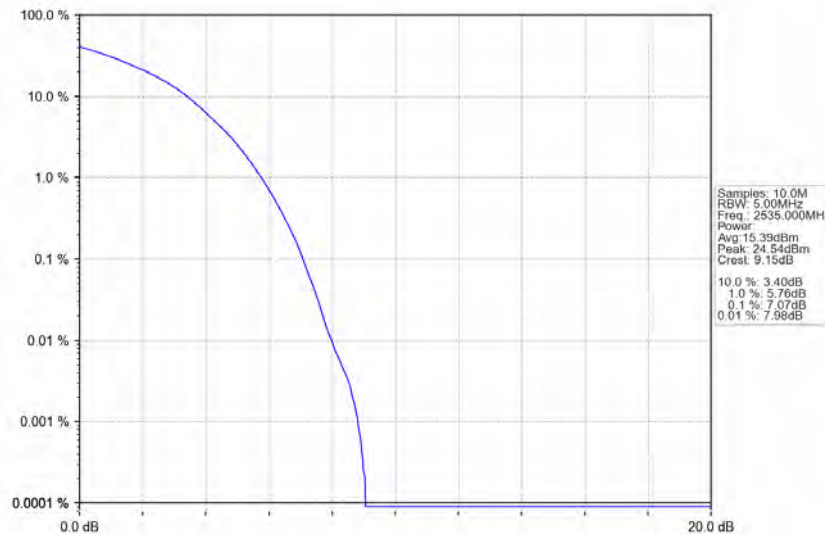
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



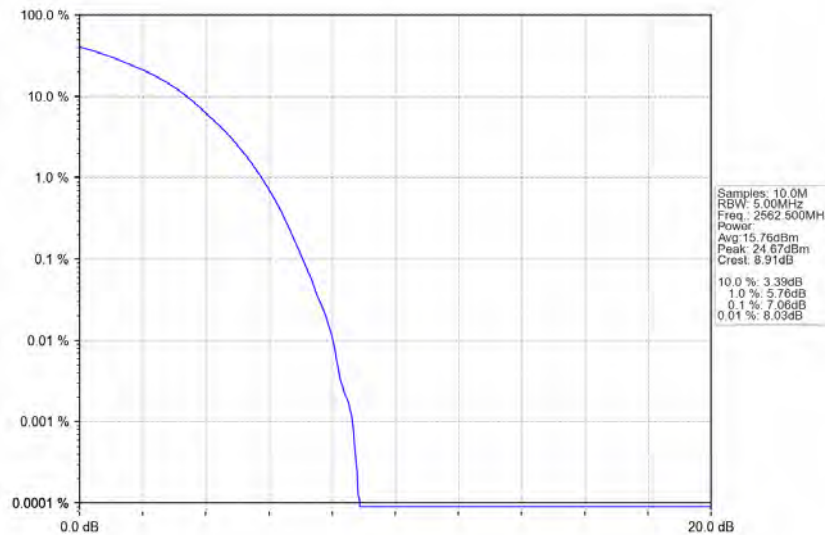
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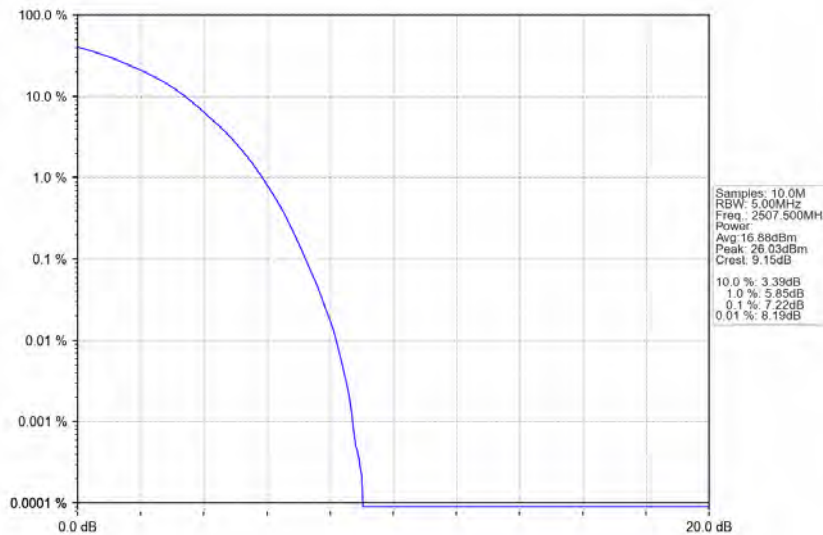
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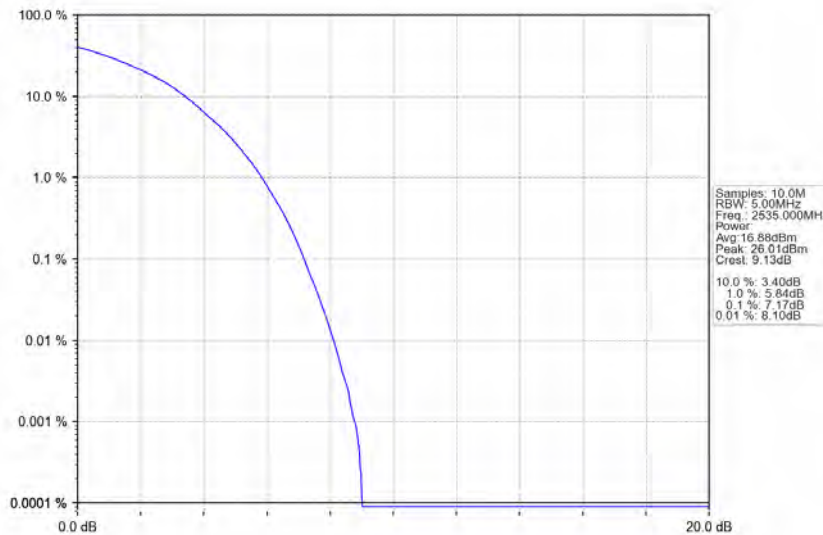
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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



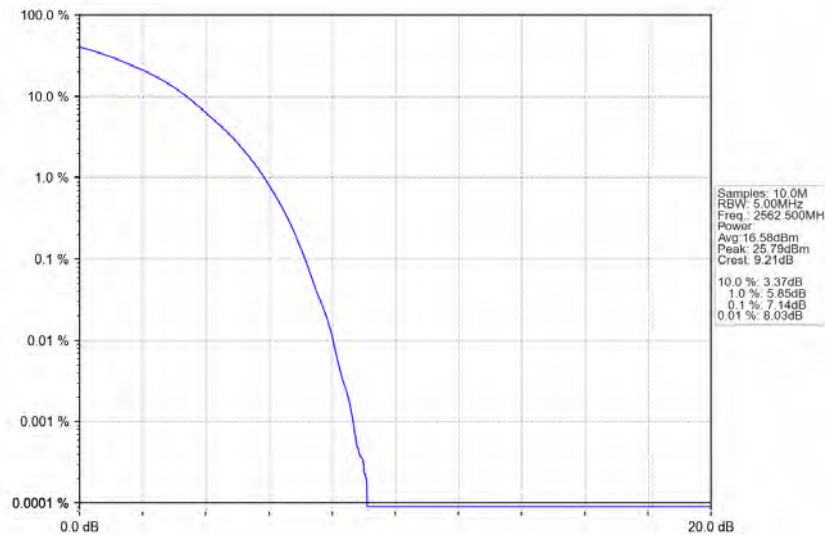
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5.4 B7_20MHz

5.4.1 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	6.88	<=13	Pass
	2535	100	0	6.83	<=13	Pass
	2560	100	0	6.80	<=13	Pass
16QAM	2510	100	0	7.40	<=13	Pass
	2535	100	0	7.39	<=13	Pass
	2560	100	0	7.33	<=13	Pass
64QAM	2510	100	0	7.46	<=13	Pass
	2535	100	0	7.44	<=13	Pass
	2560	100	0	7.45	<=13	Pass

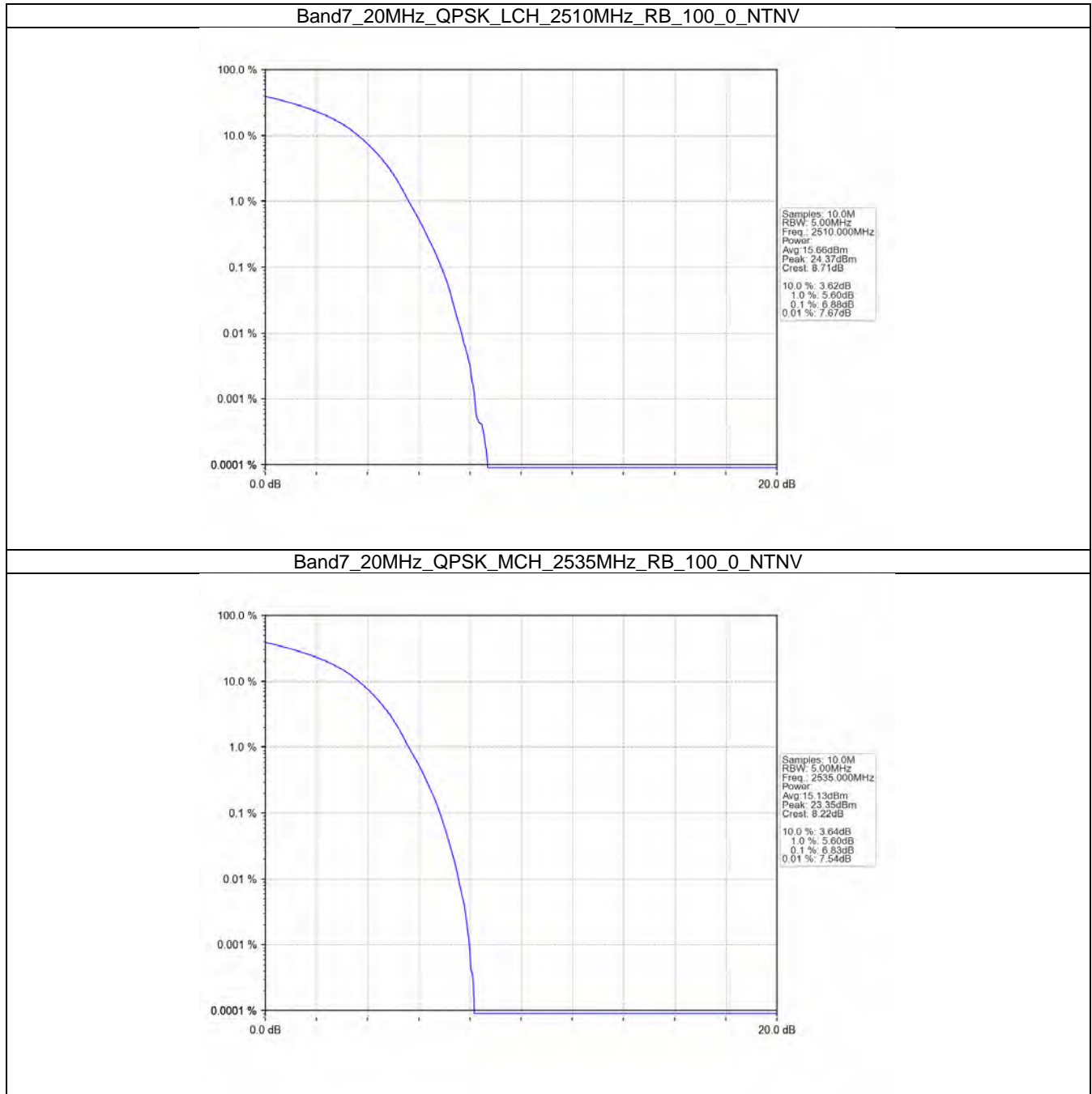


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5.4.2 Test Graph



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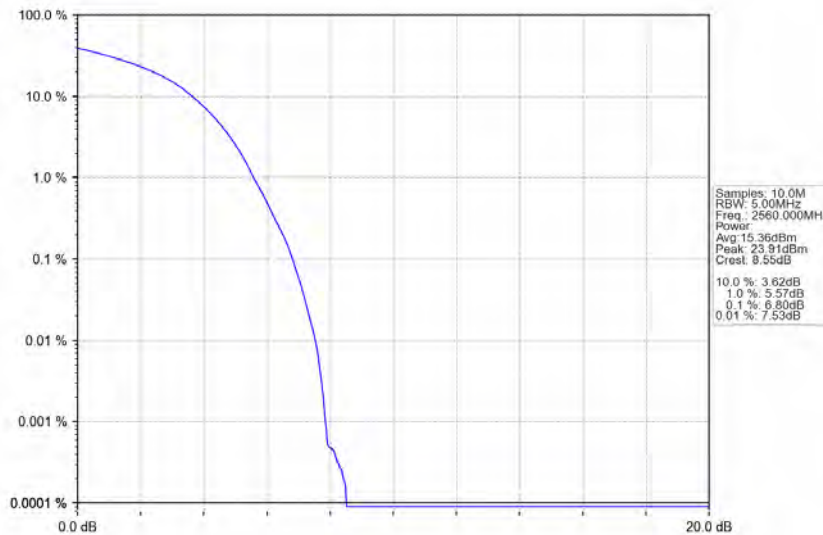
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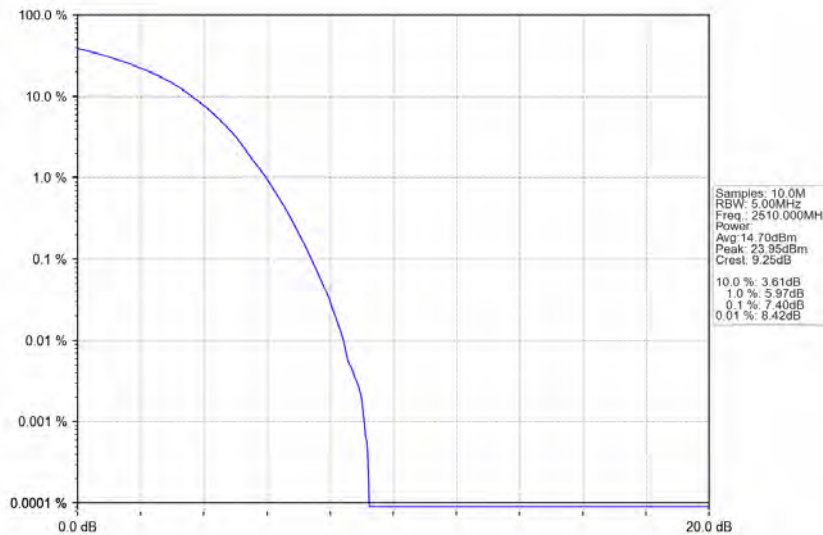
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Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



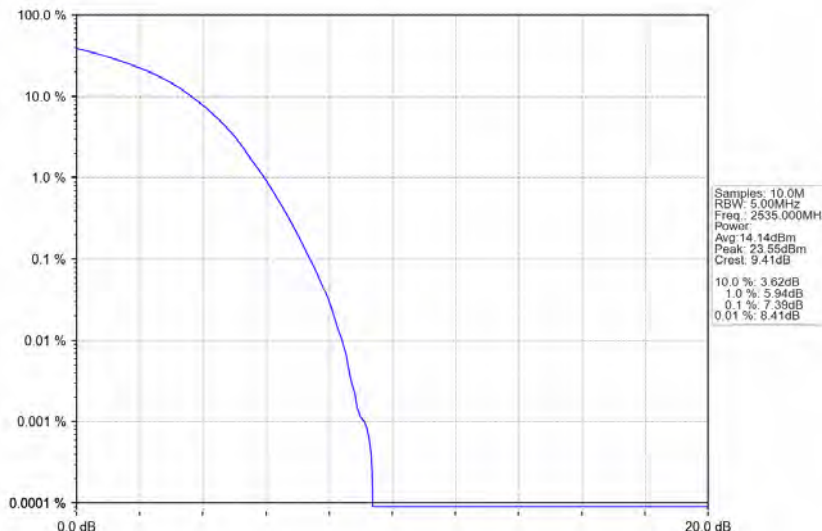
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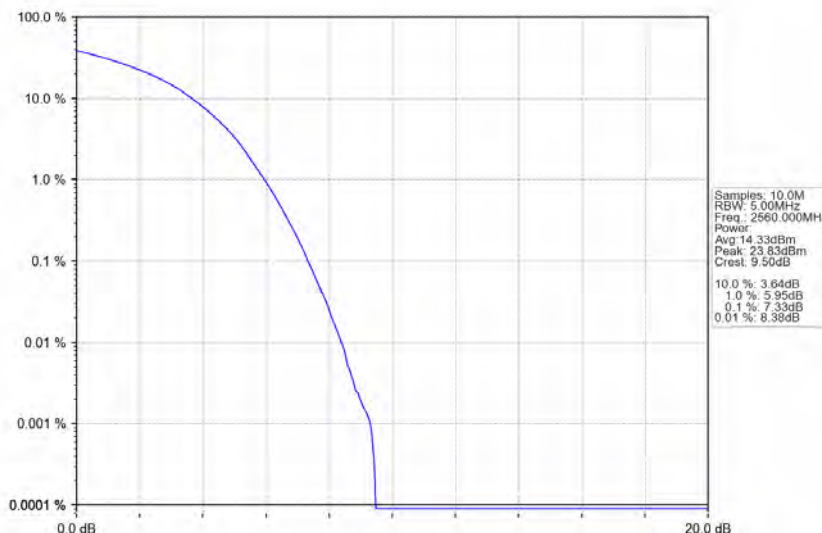
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Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



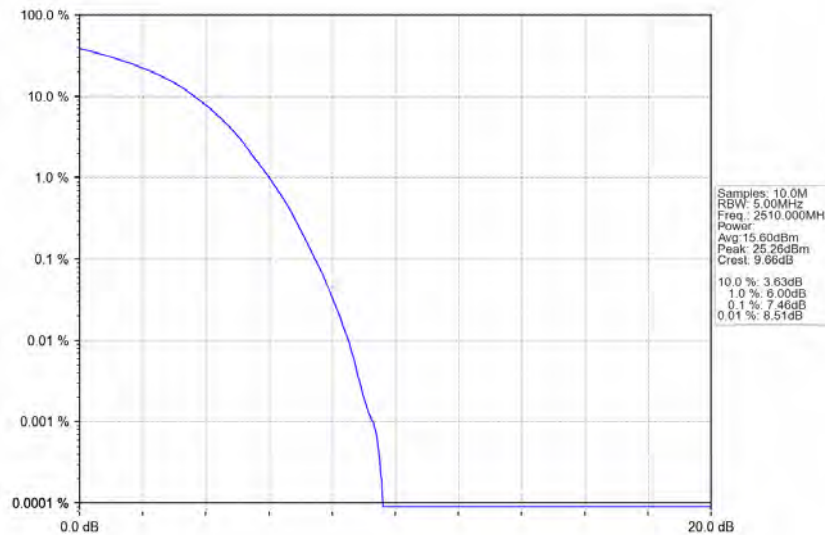
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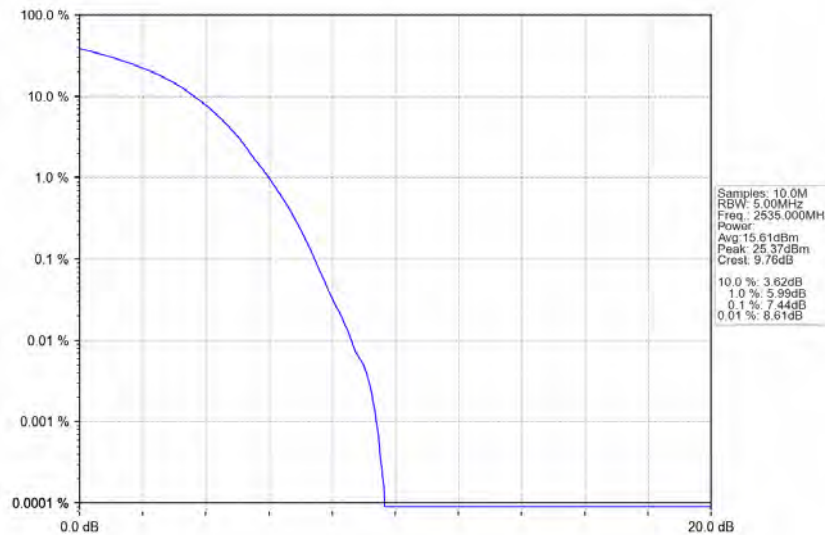
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Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV

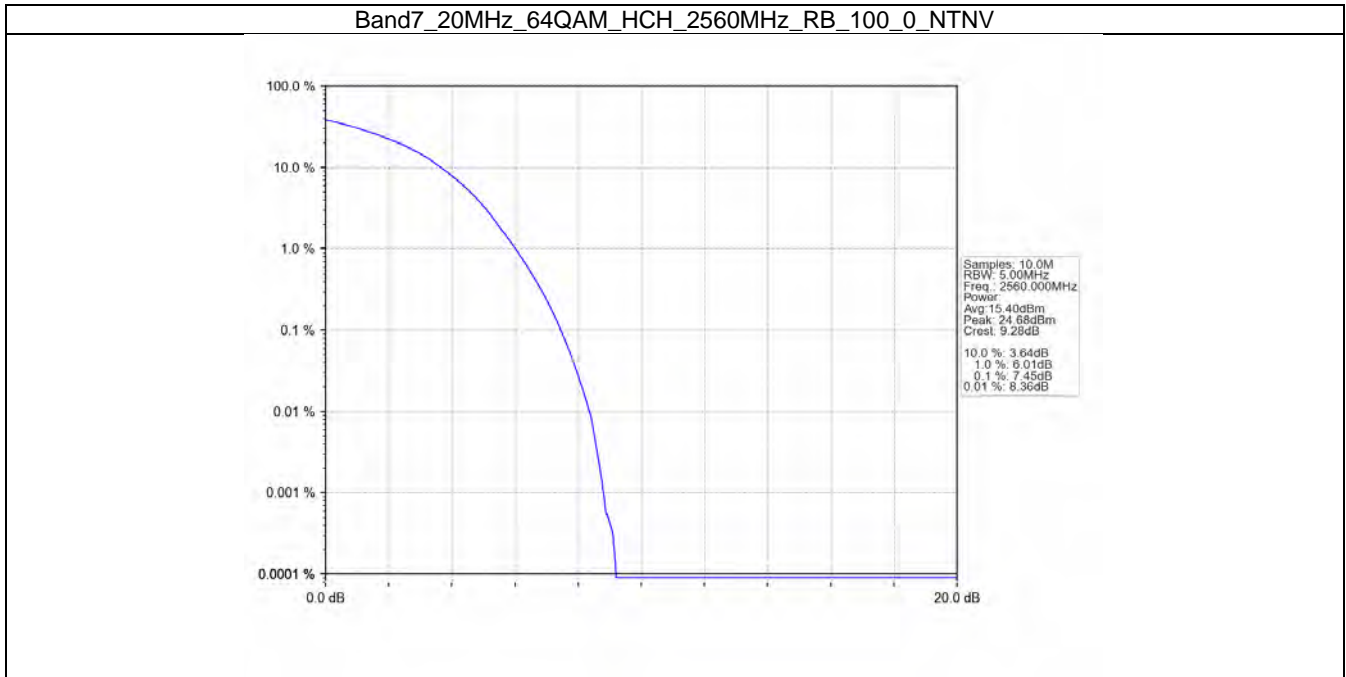


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6. Spurious Emission

6.1 B7_5MHz

6.1.1 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	
	2535	1	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	
	2535	1	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	
	2535	1	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



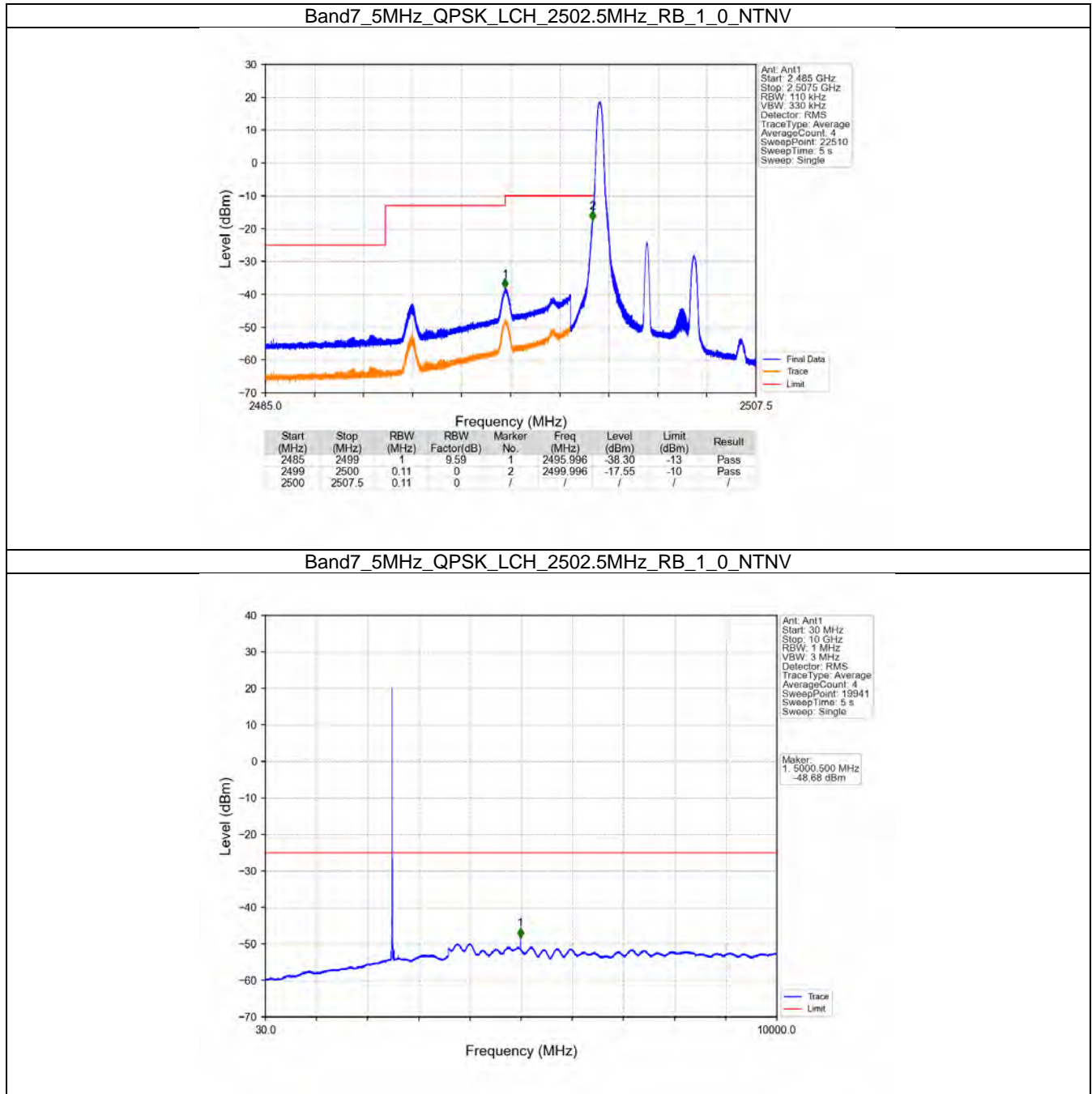
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6.1.2 Test Graph



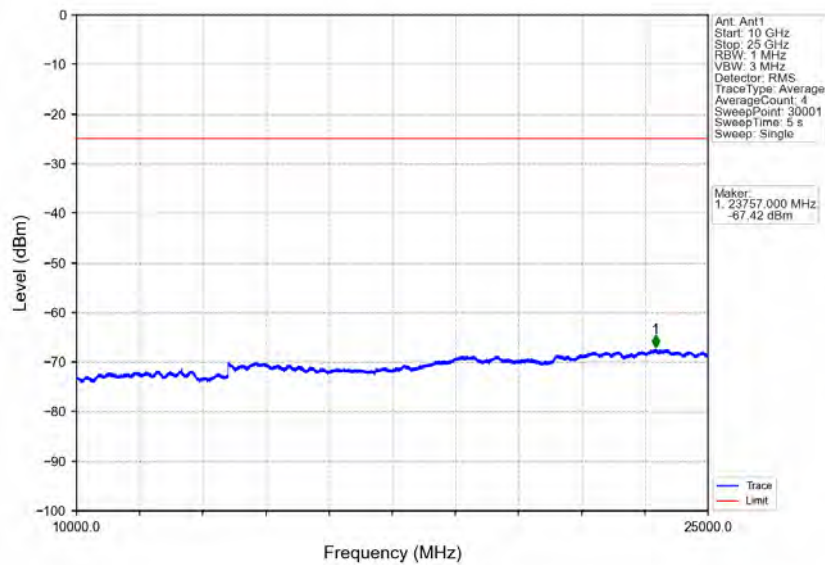
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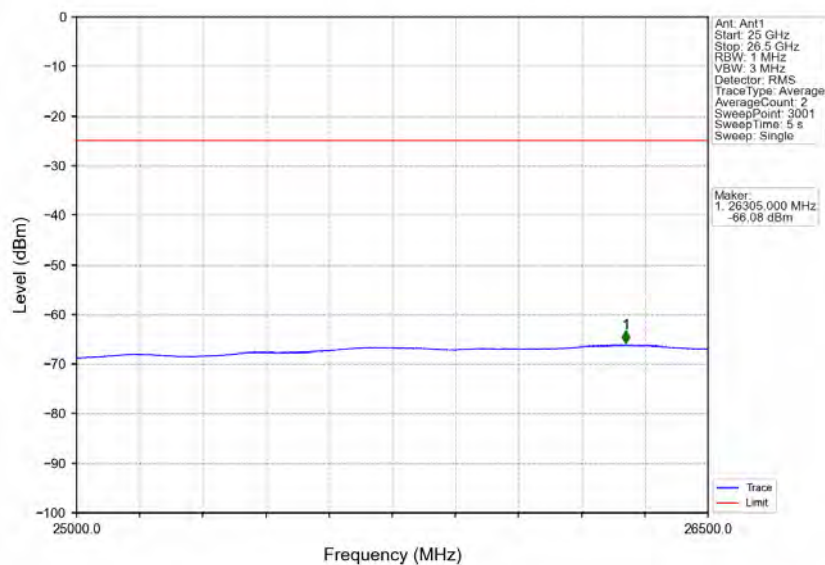
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



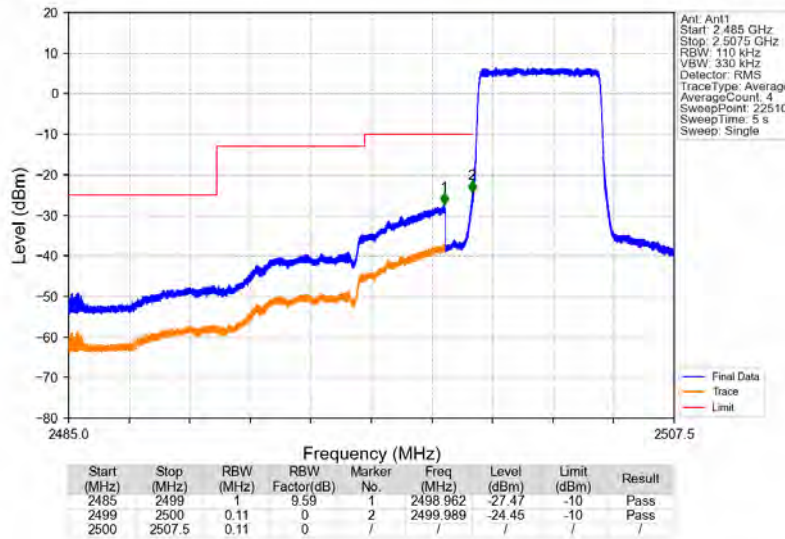
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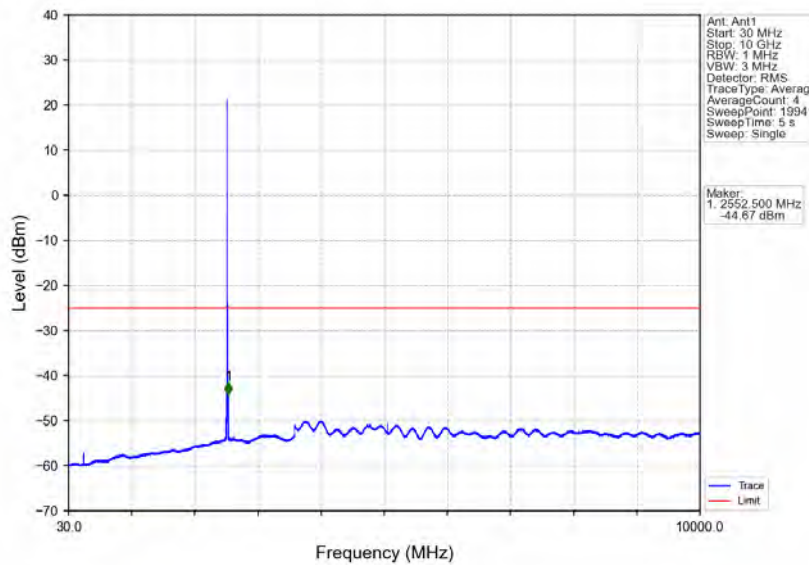
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Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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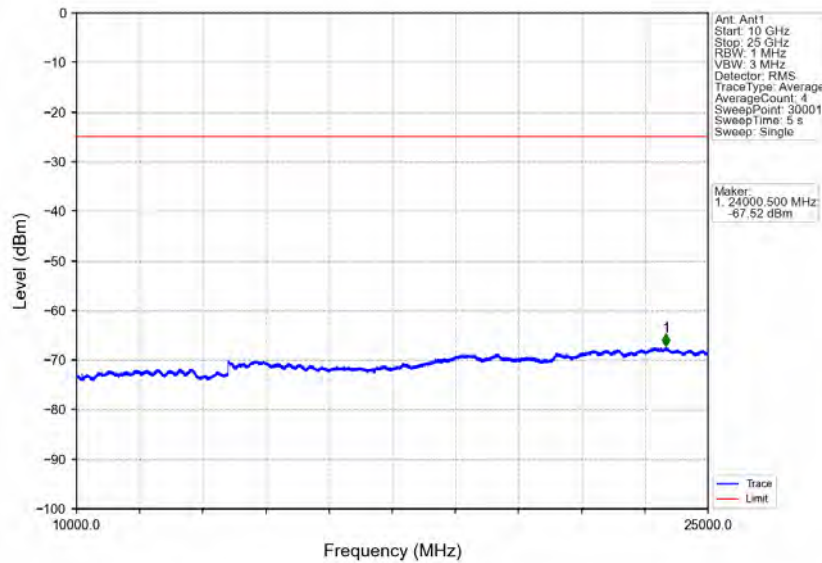
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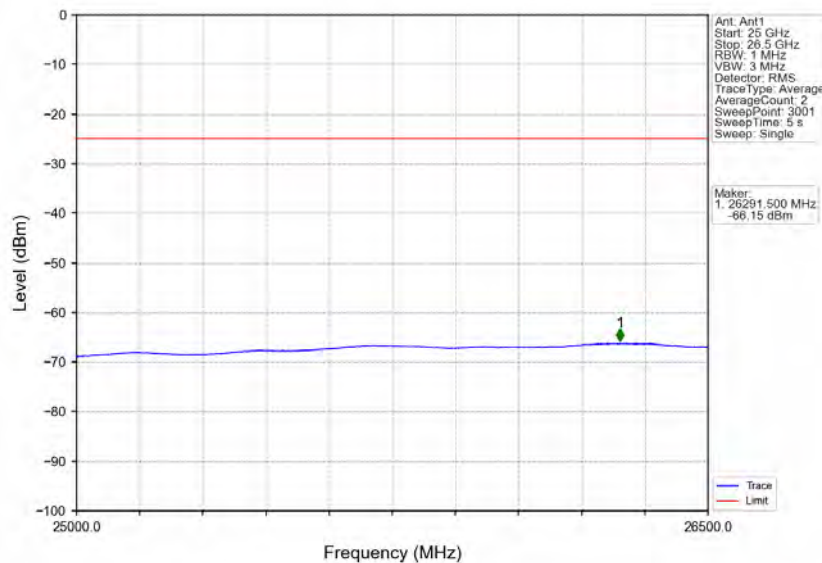
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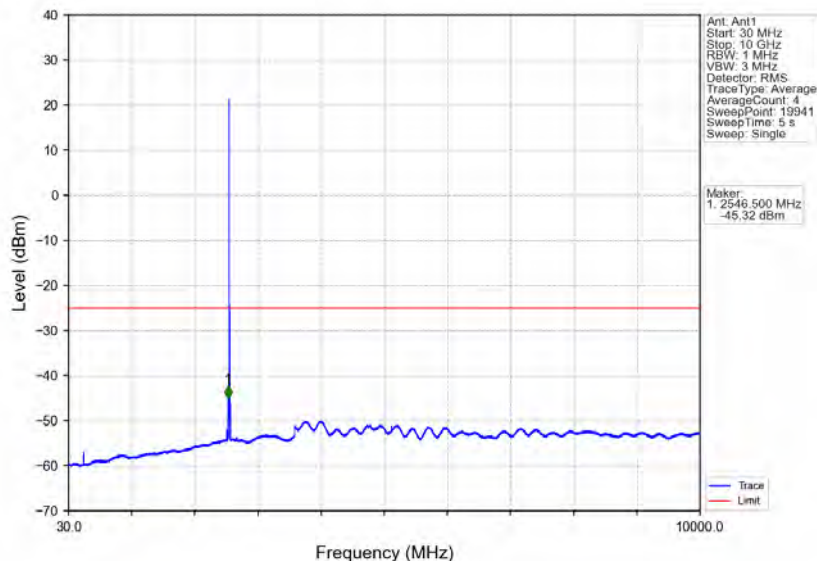
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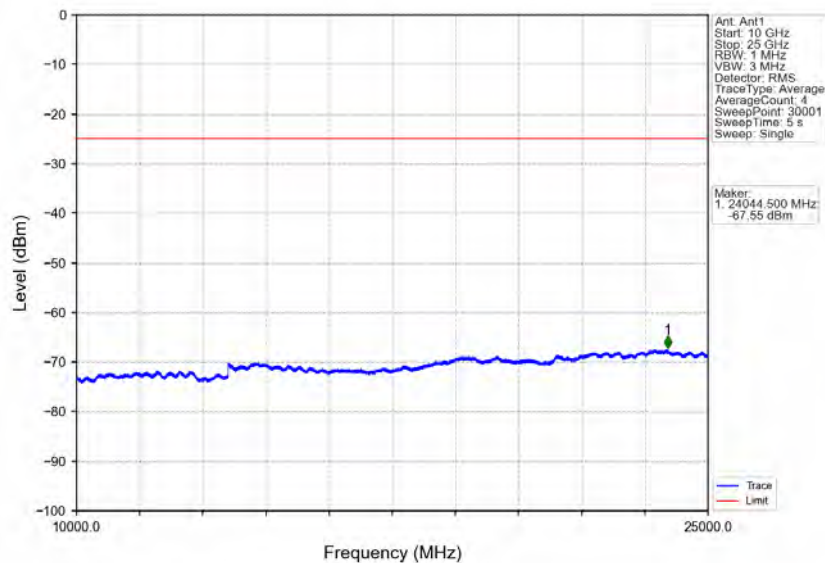
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



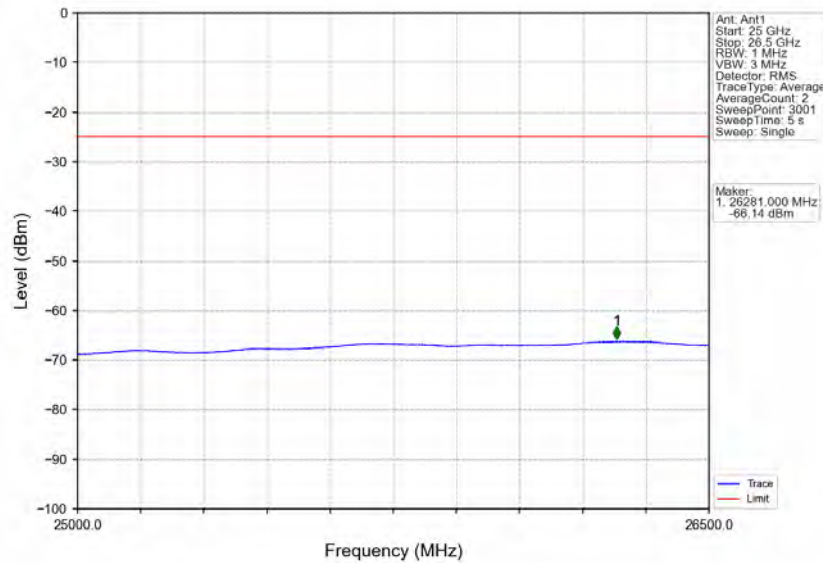
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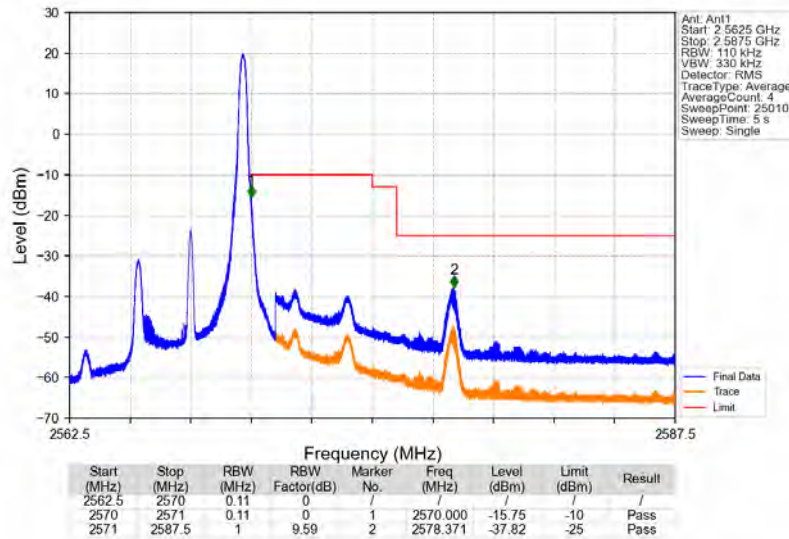
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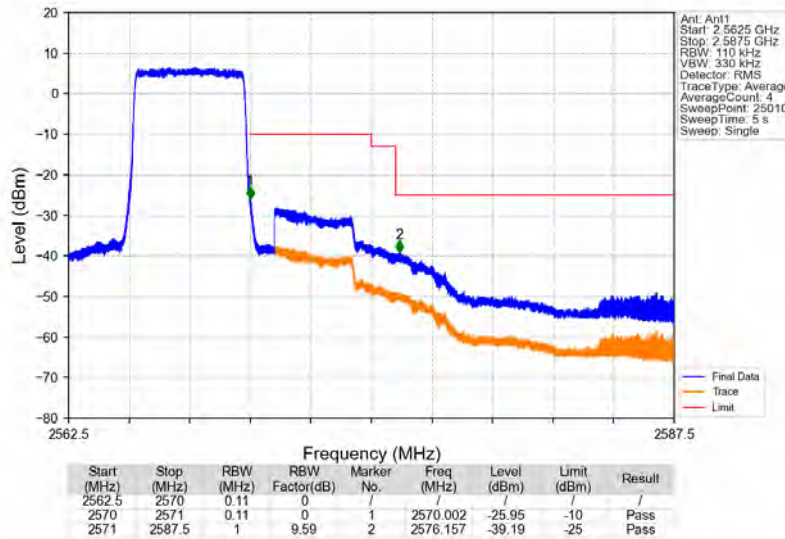
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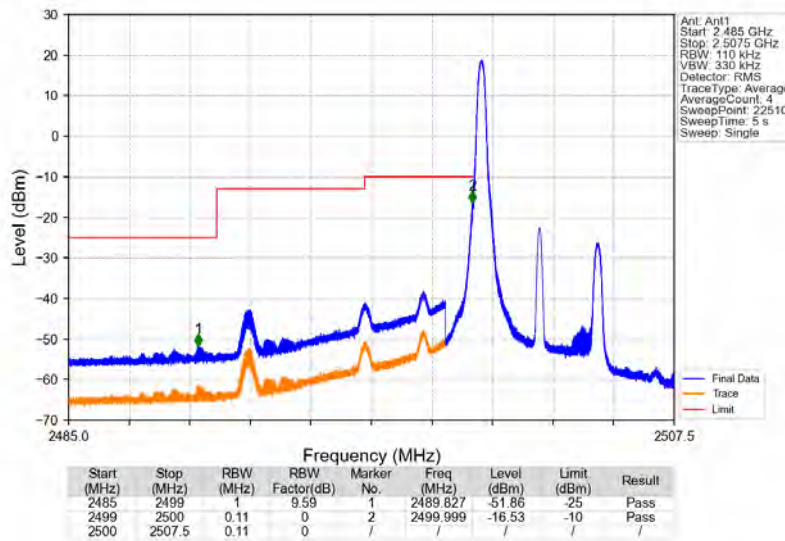
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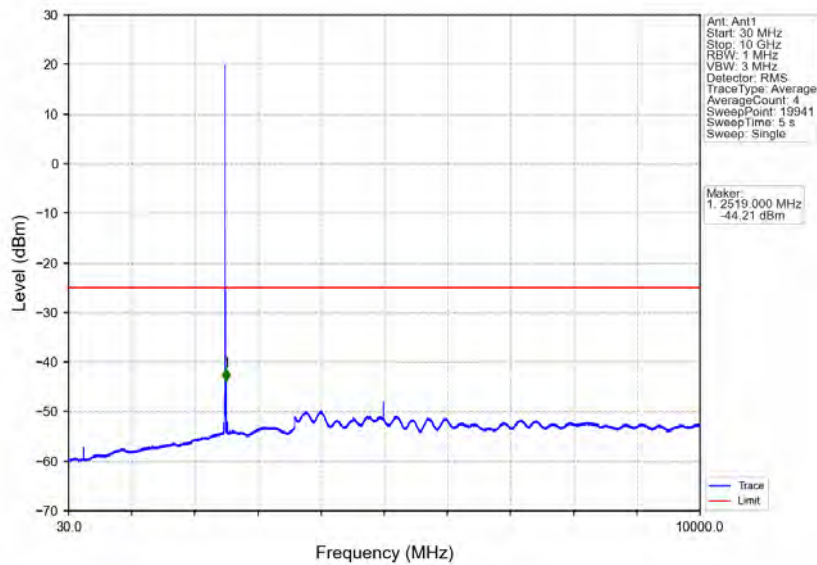
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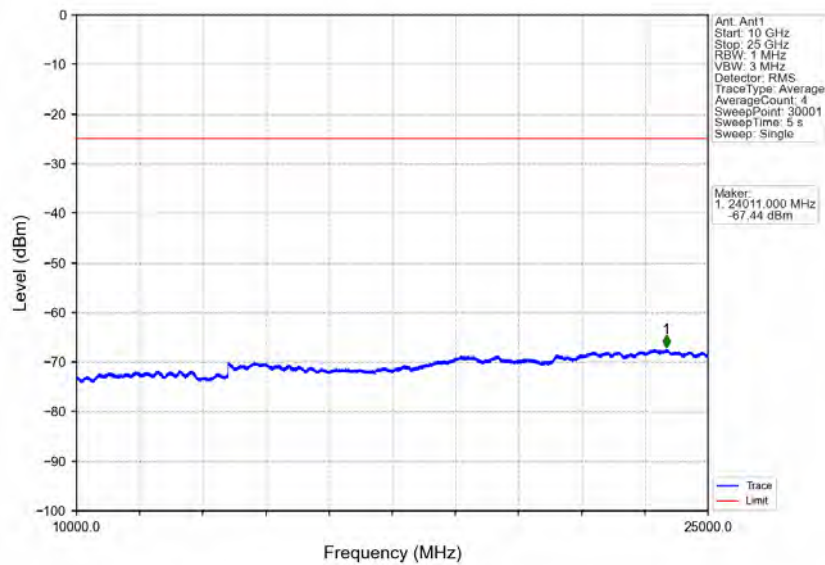
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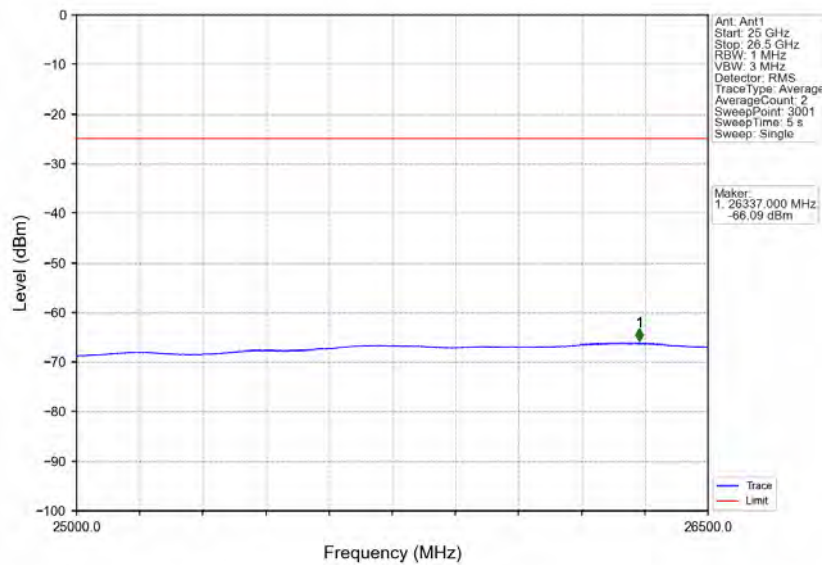
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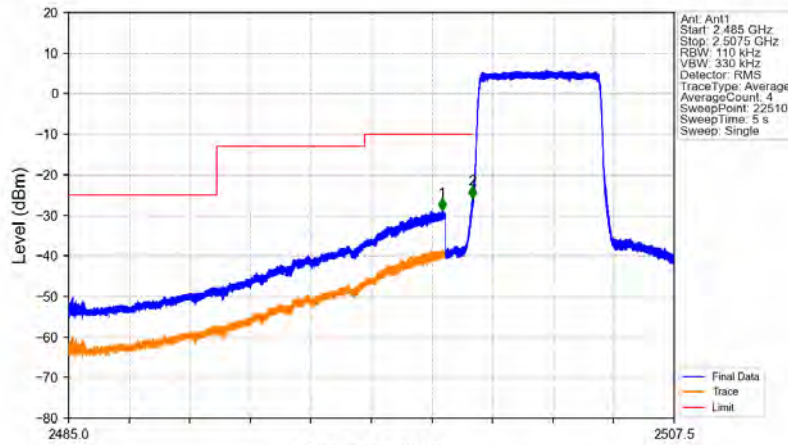
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	9.59	1	2498.871	-28.90	-10	Pass
2499	2500	0.11	0	2	2499.998	-25.81	-10	Pass
2500	2507.5	0.11	0	/	/	/	/	/



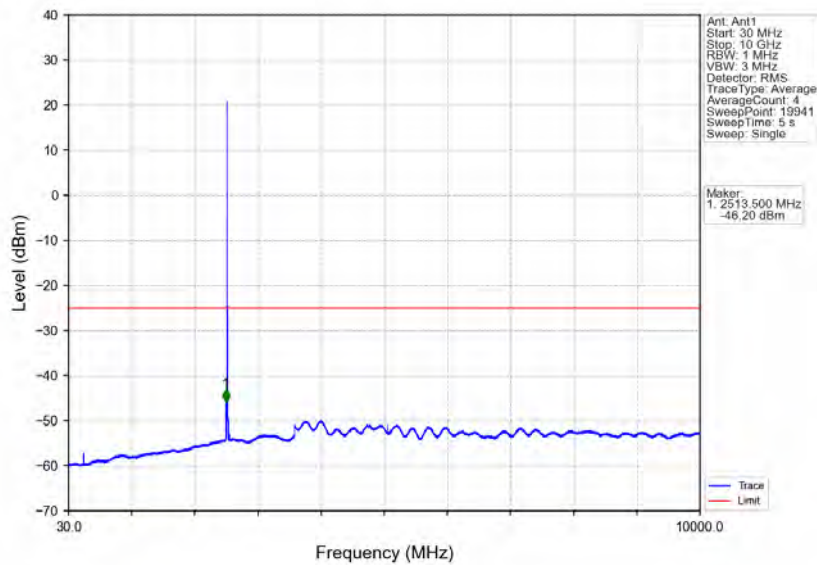
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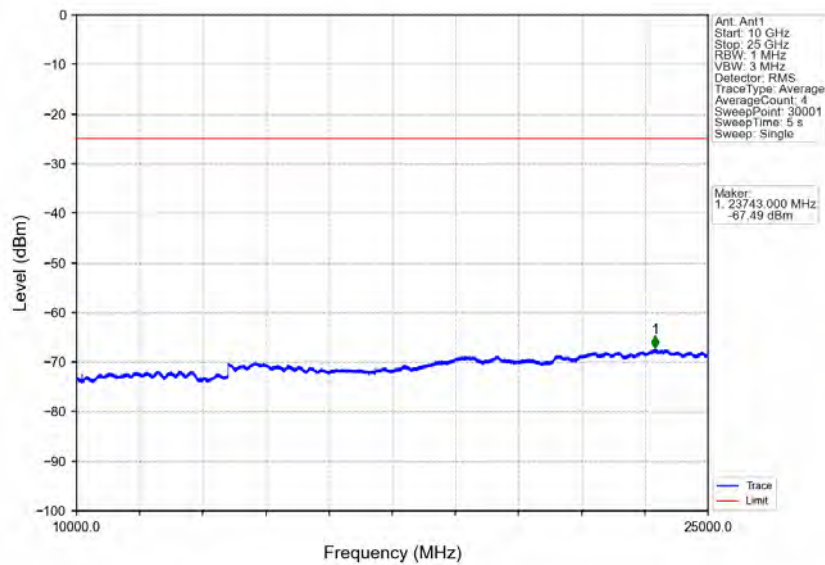
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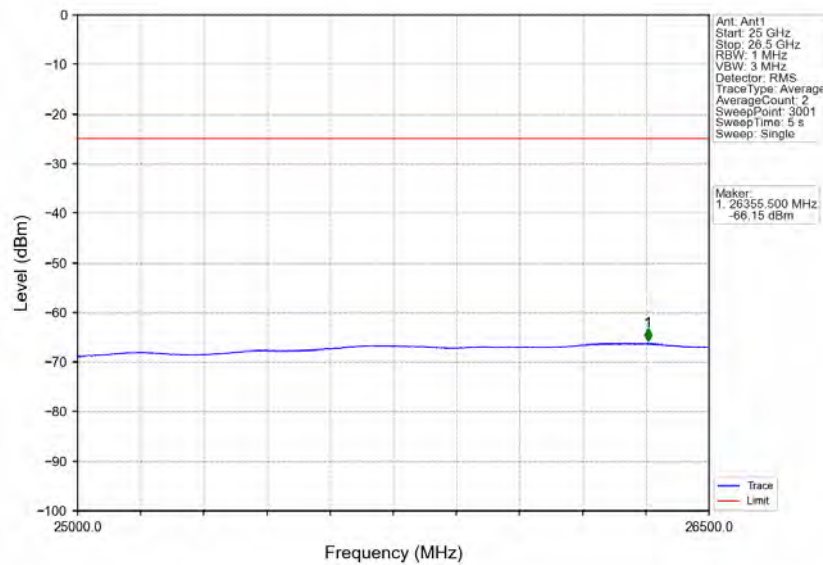
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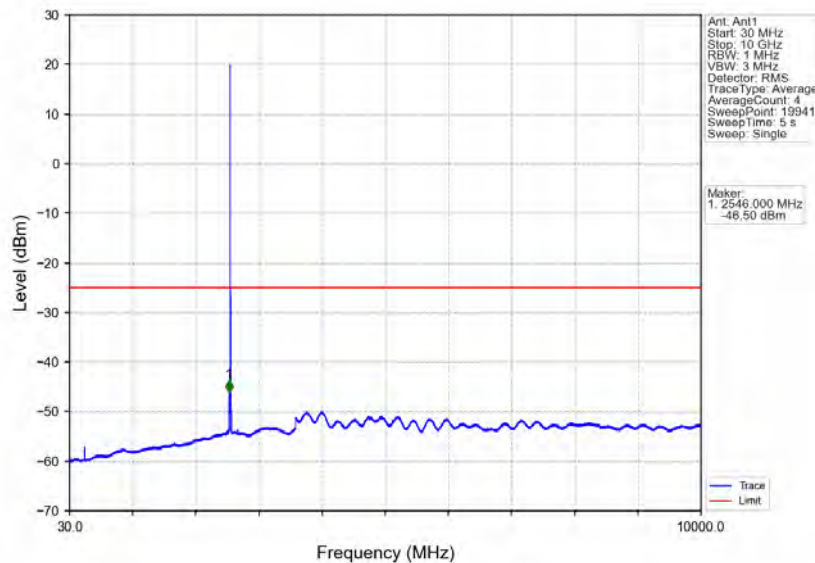
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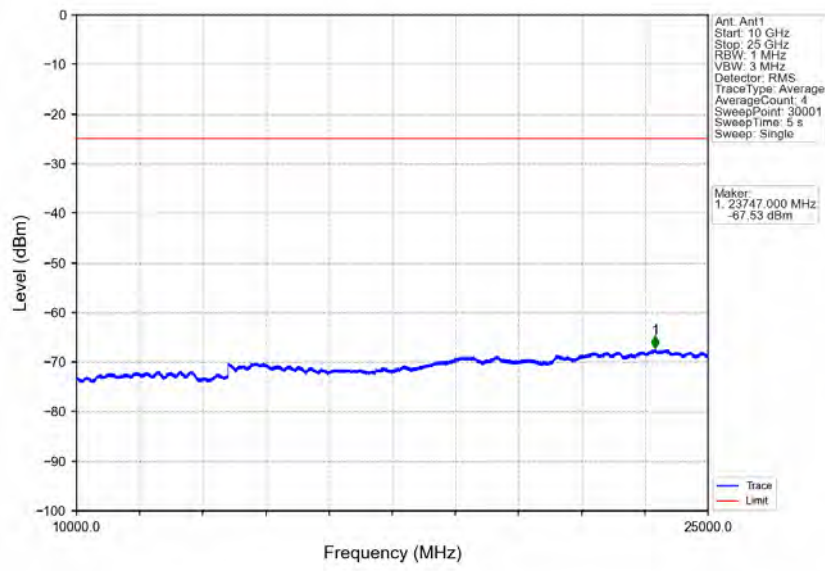
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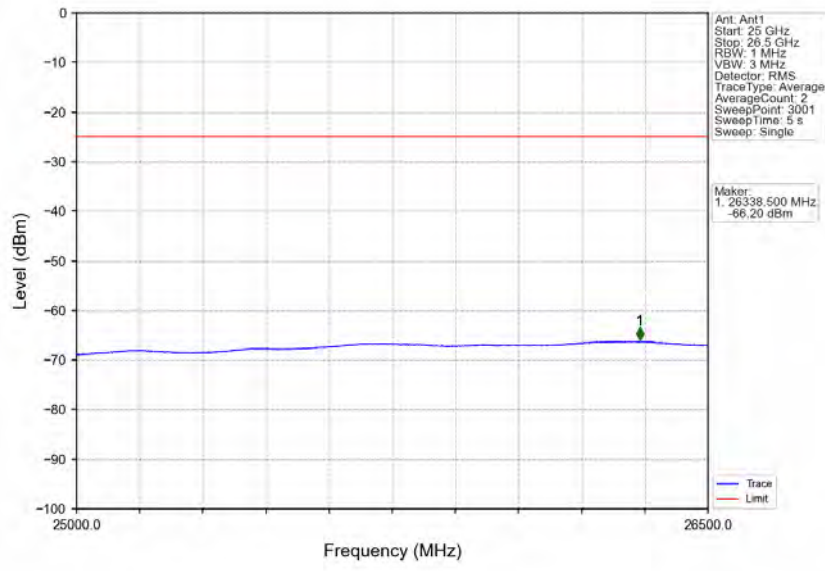
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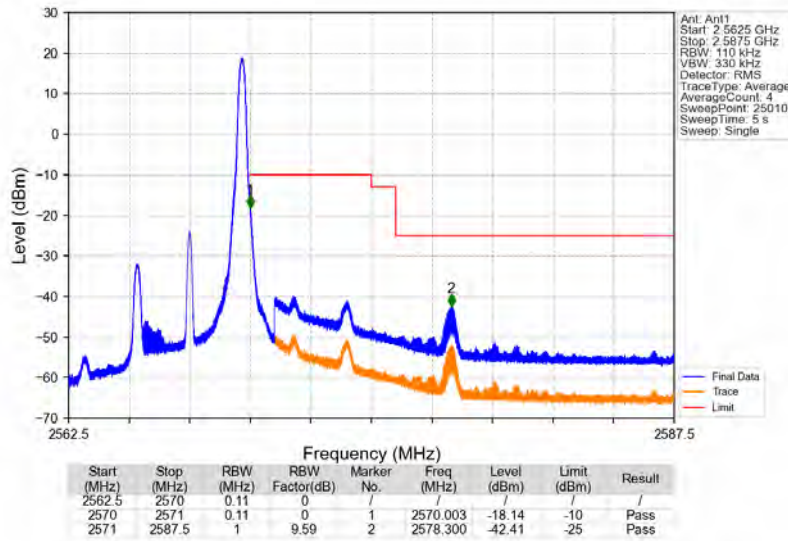
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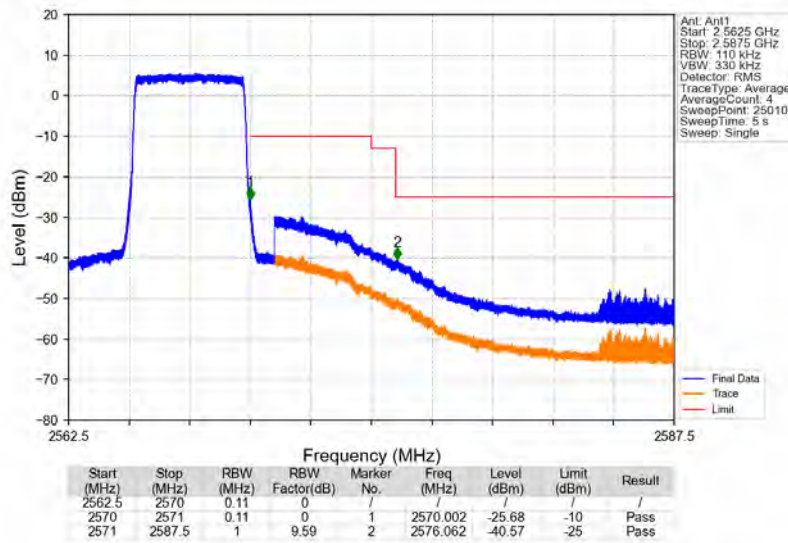
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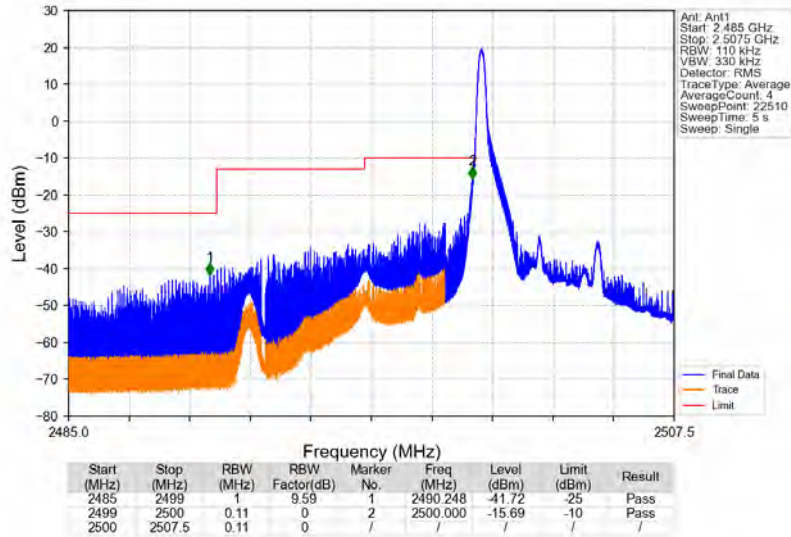
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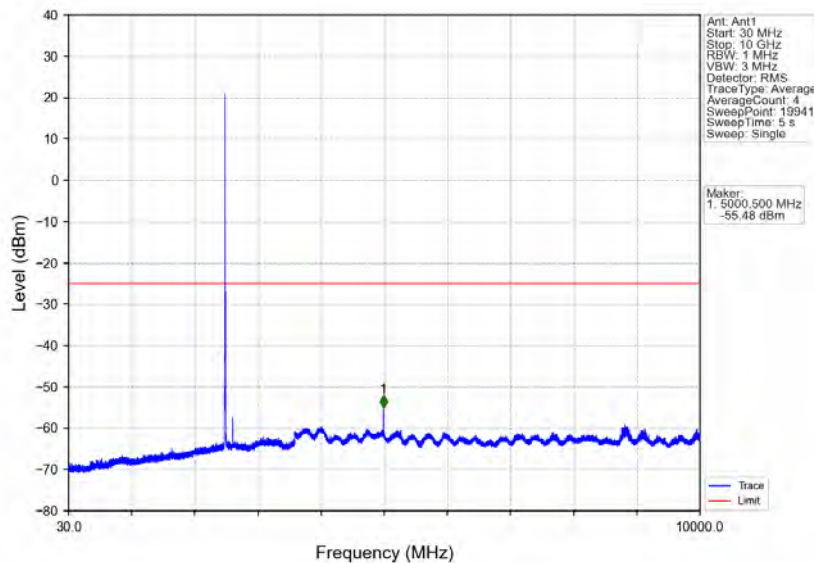
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



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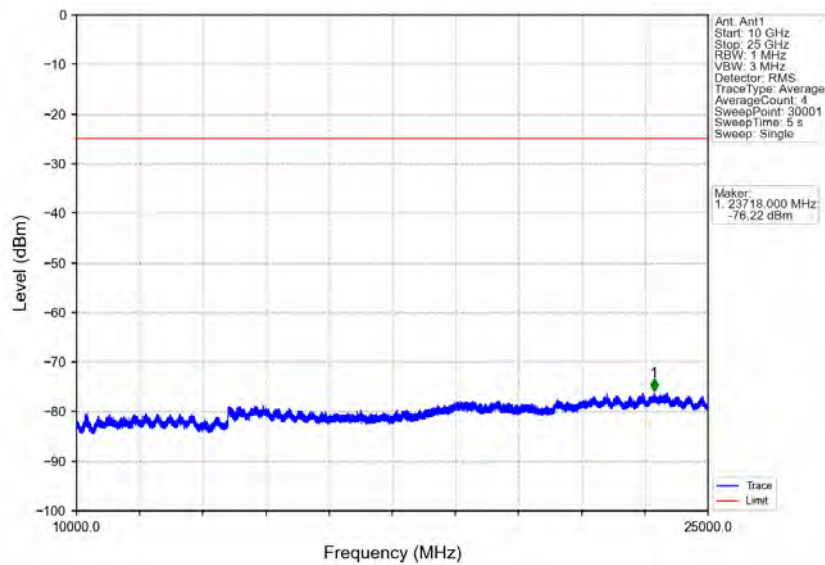
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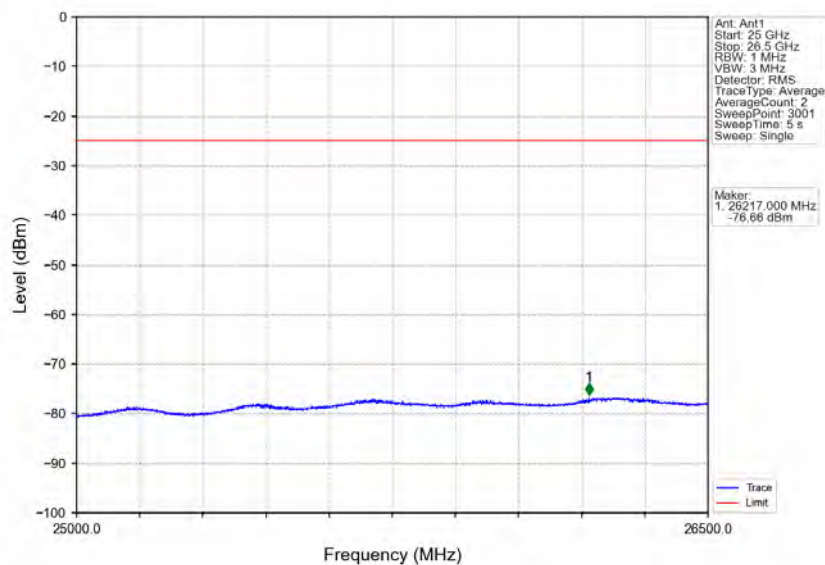


Compliance Certification Services (Kunshan) Inc.
EMC Laboratory

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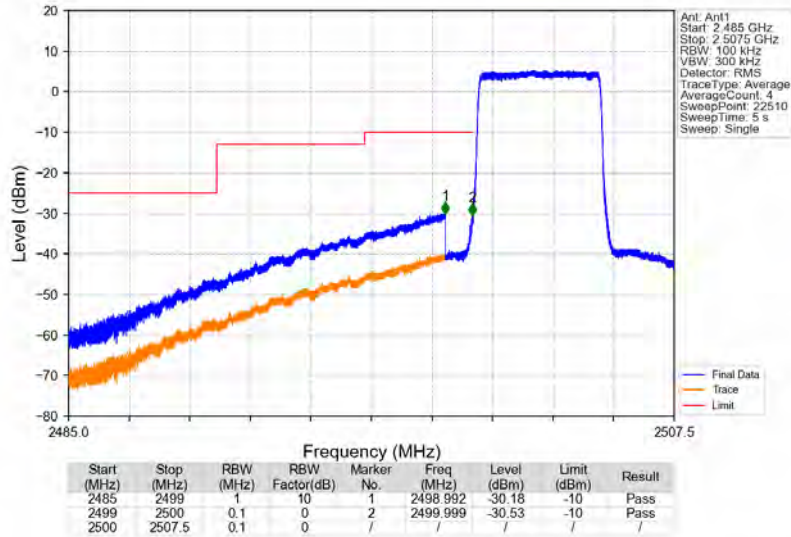
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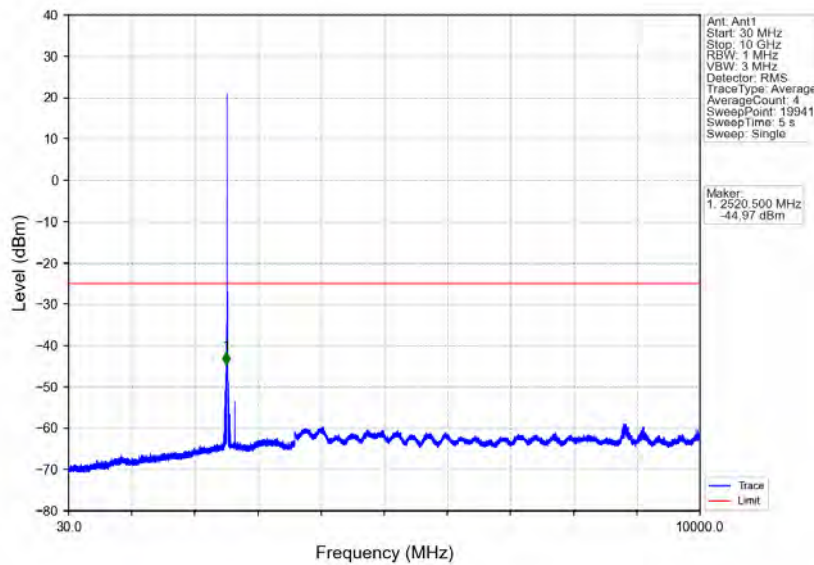
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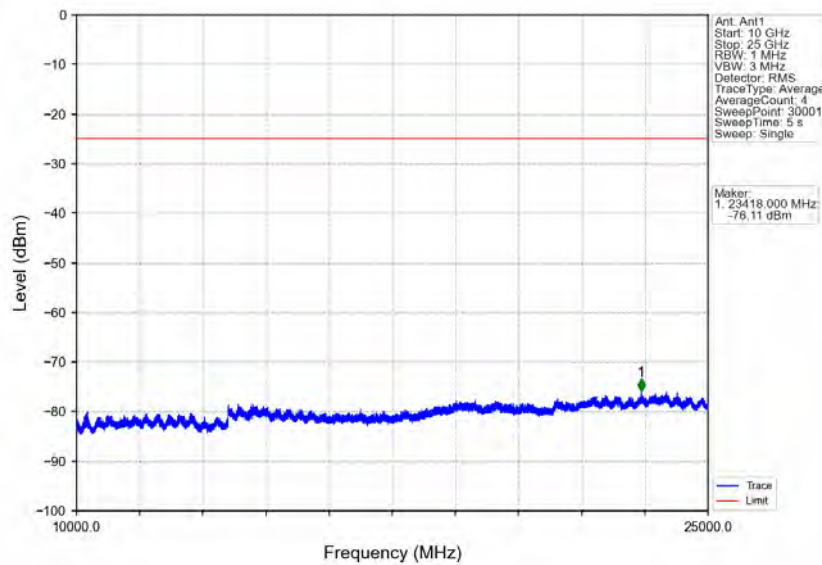
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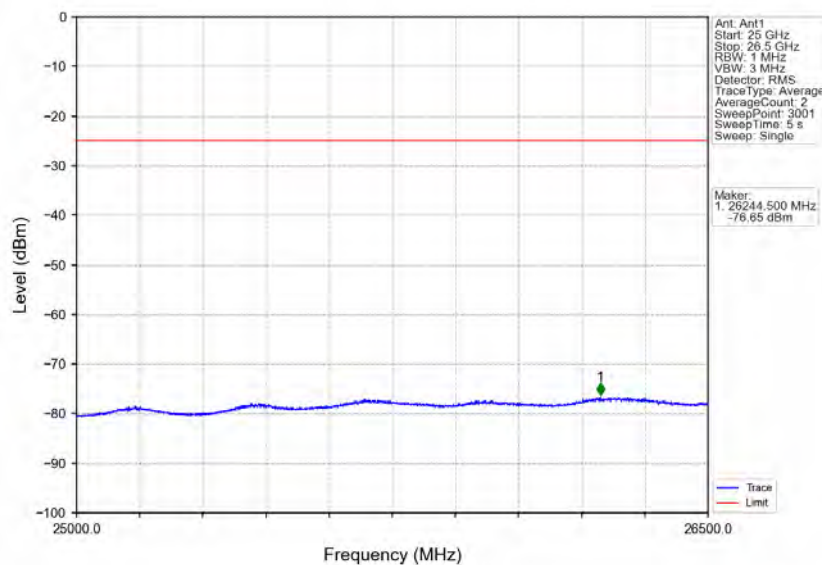
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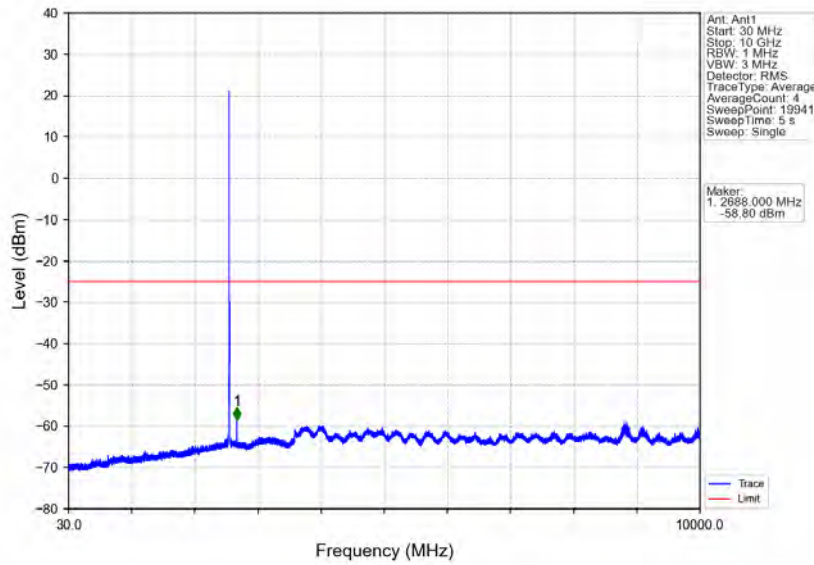
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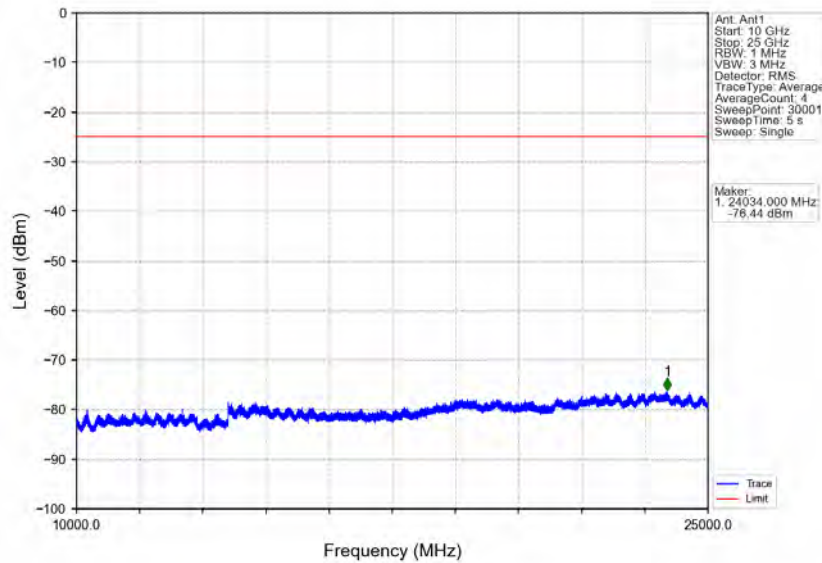
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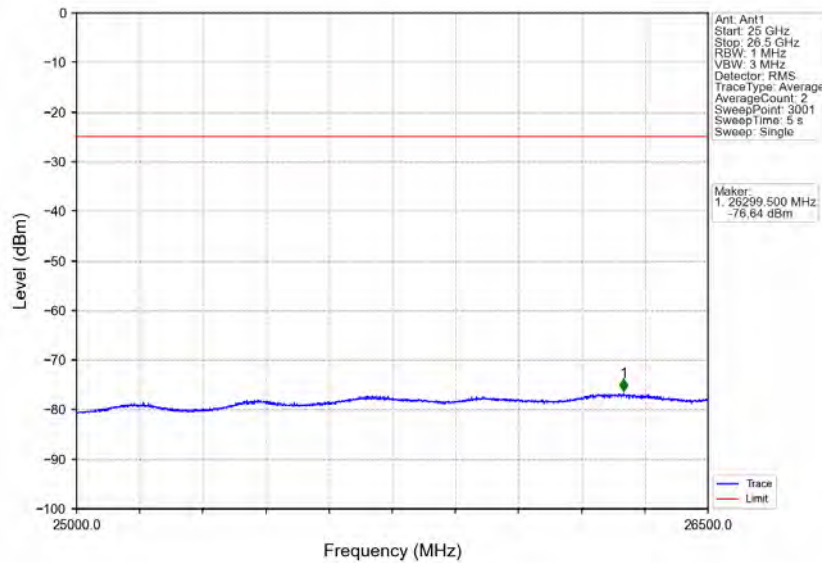
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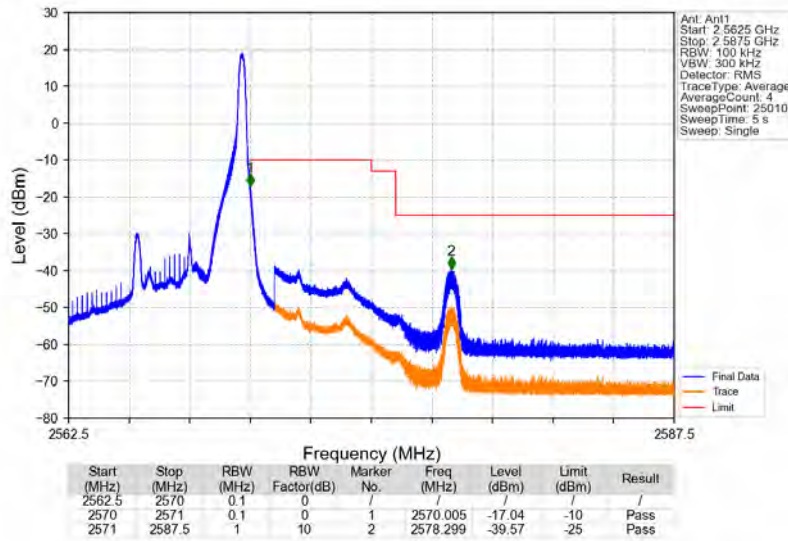
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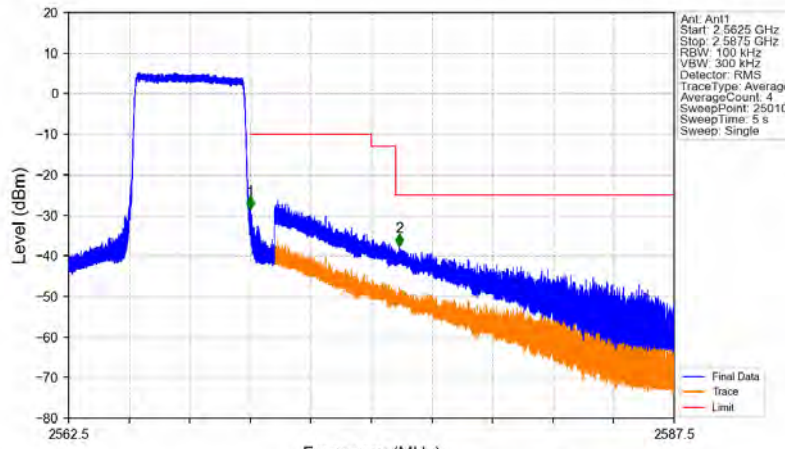
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	0	/	/	/	/	/
2570	2571	0.1	0	1	2570.007	-28.58	-10	Pass
2571	2587.5	1	10	2	2576.157	-37.60	-25	Pass



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6.2 B7_10MHz

6.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
50	0	Refer To Test Graph		Pass		
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
			50	0	Refer To Test Graph	
64QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
			50	0	Refer To Test Graph	

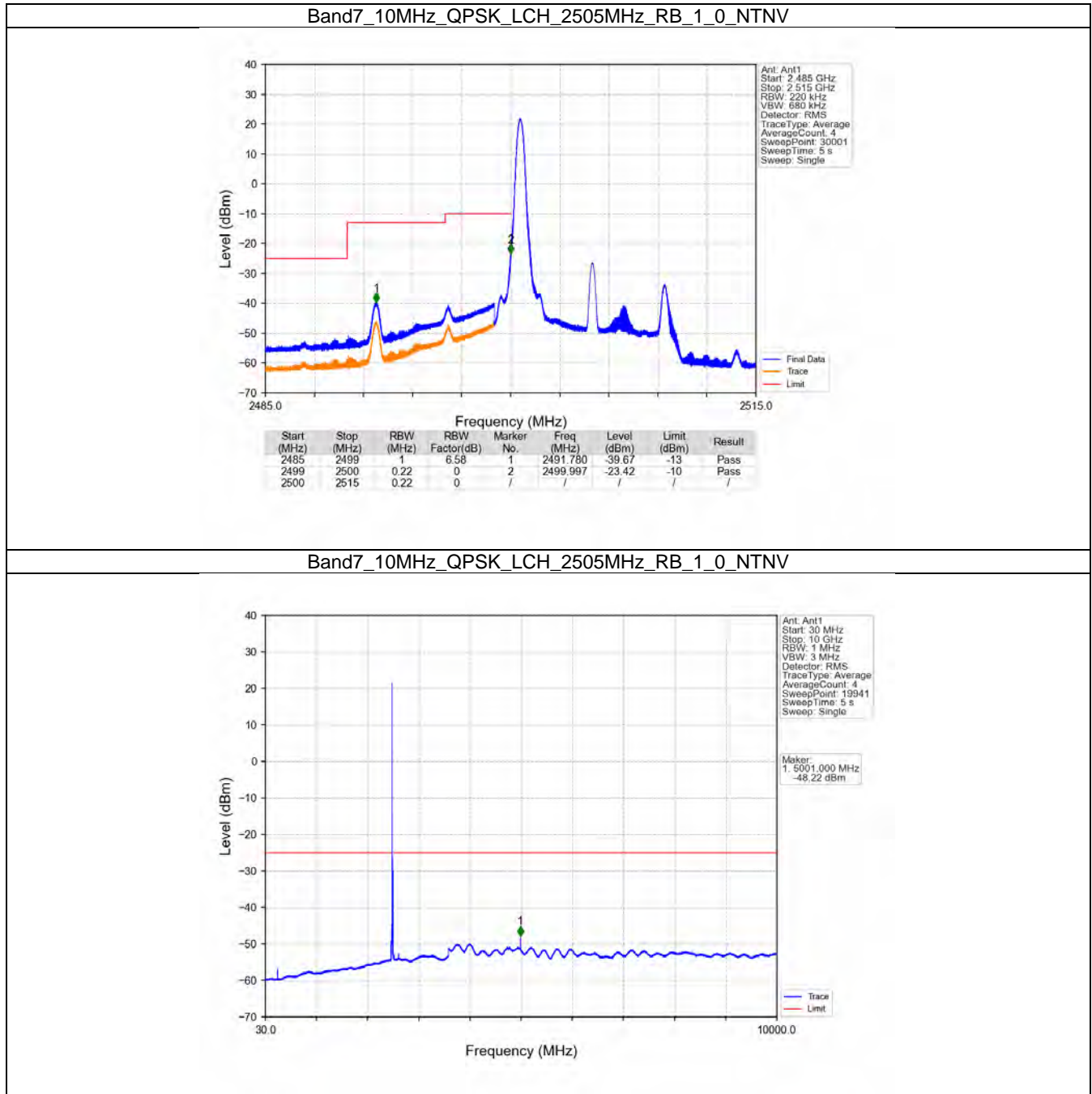


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6.2.2 Test Graph



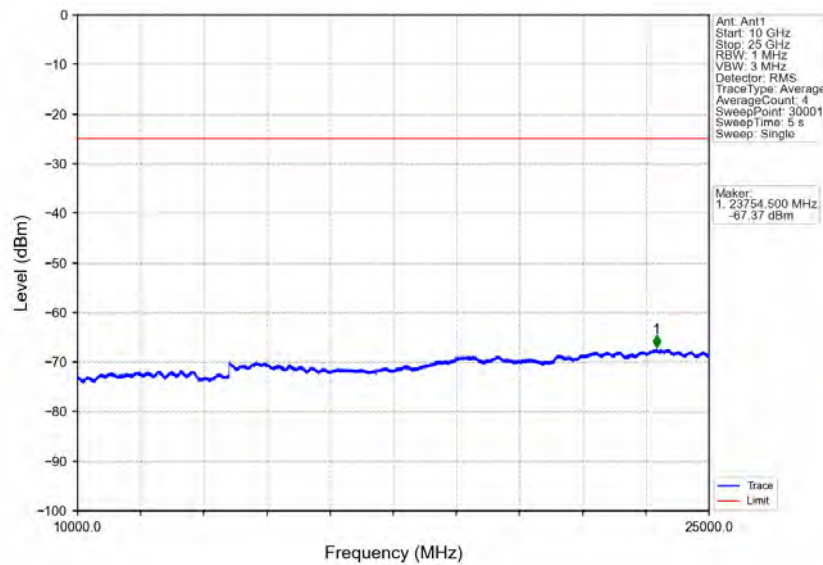
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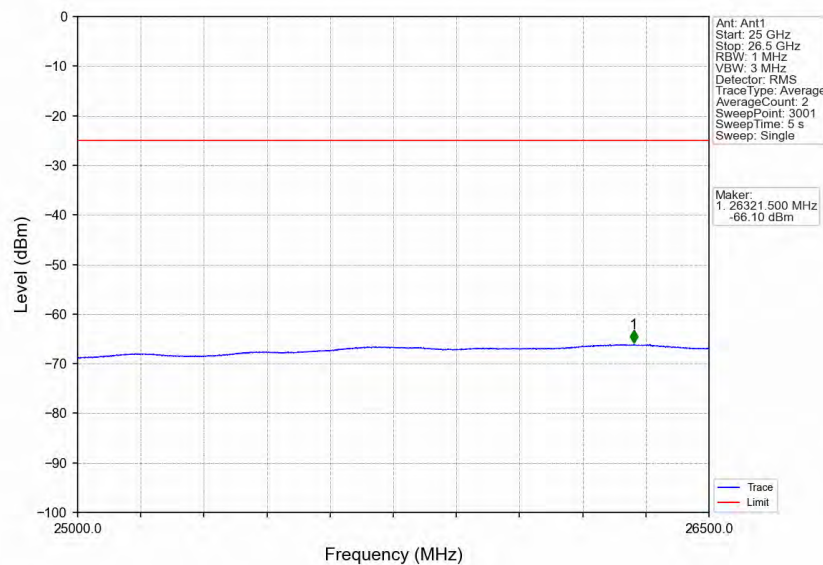
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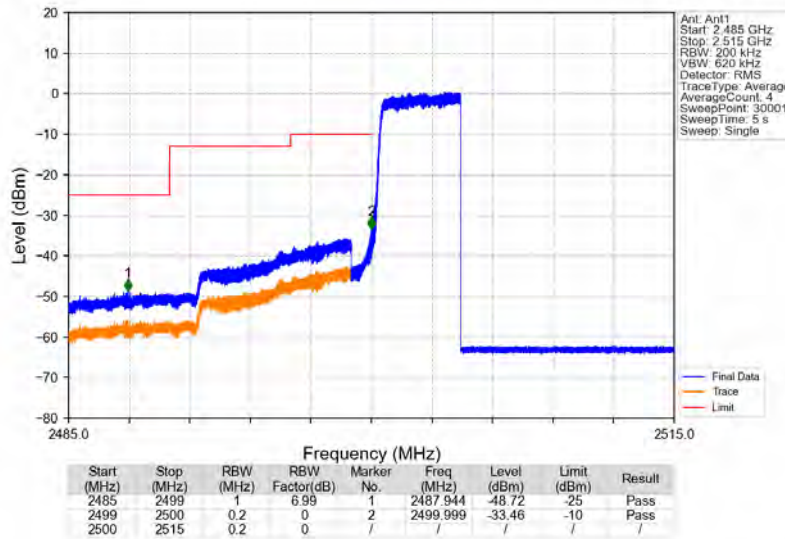
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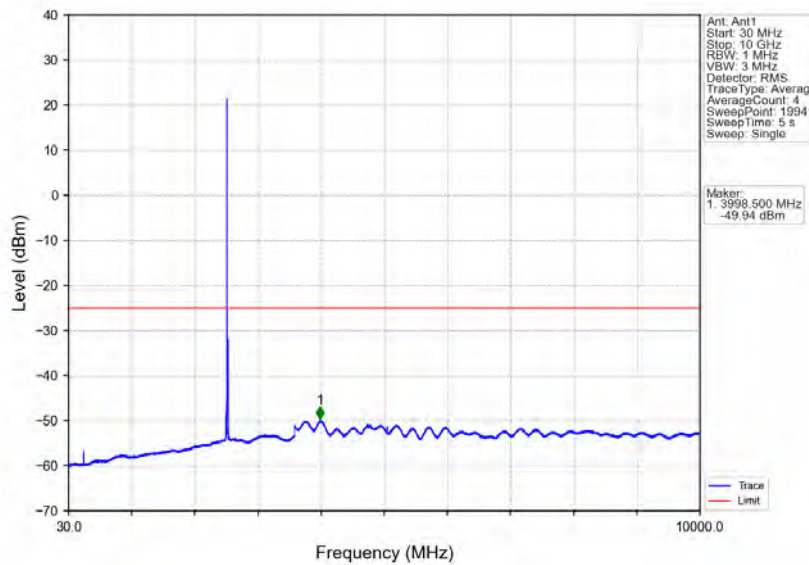
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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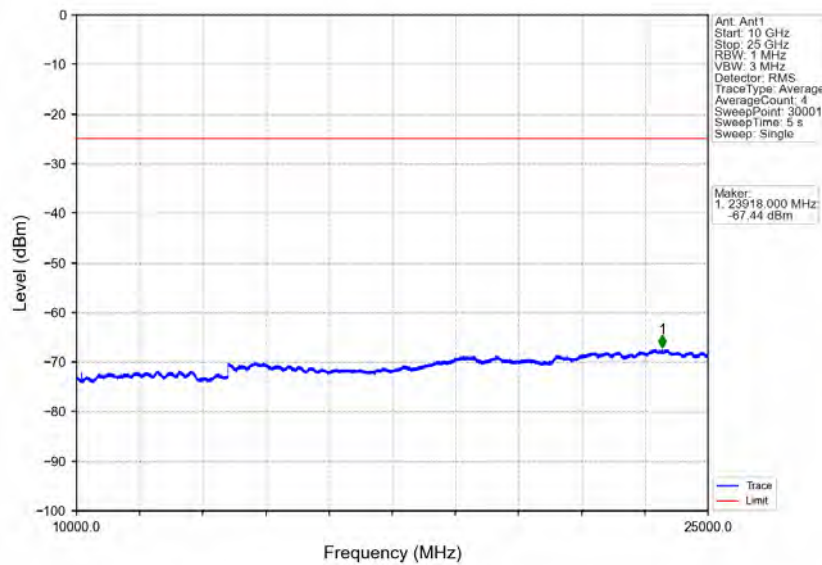
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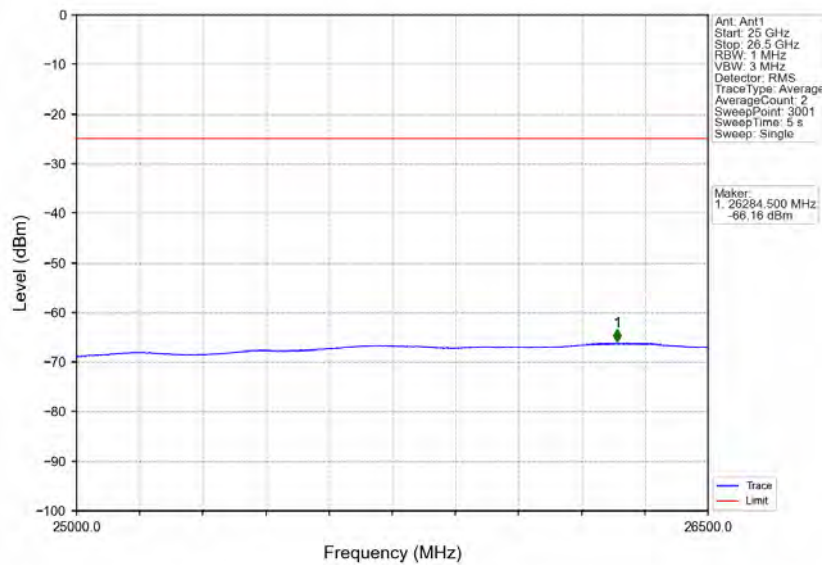


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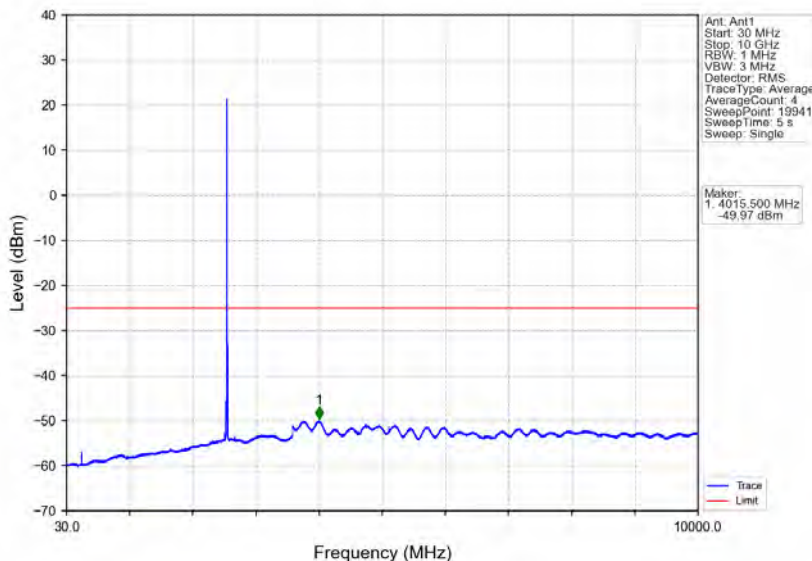
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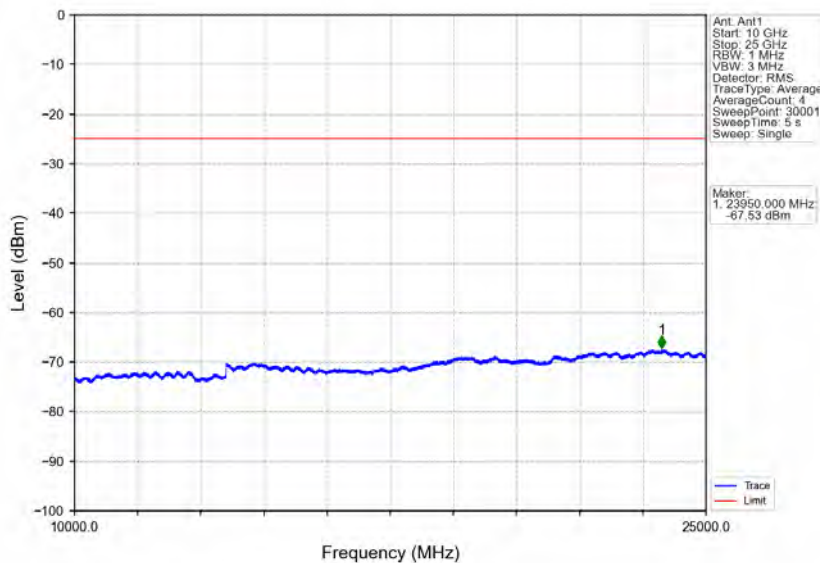
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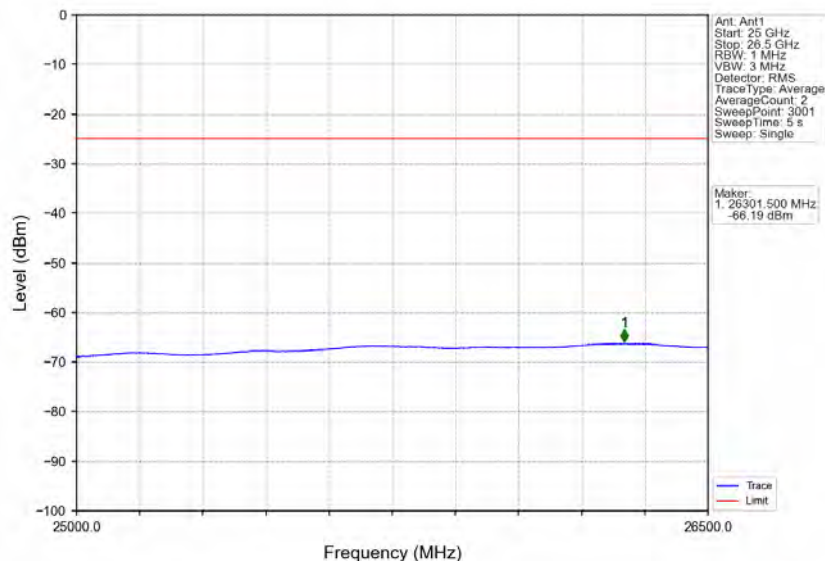
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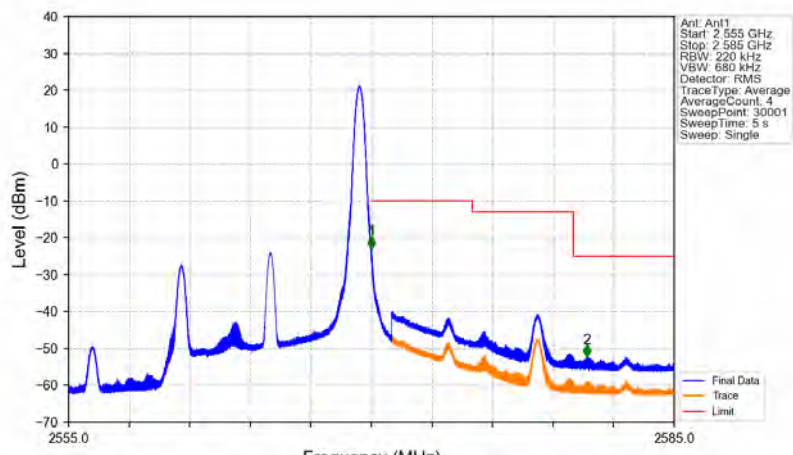
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Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.22	0	/	/	/	/	/
2570	2571	0.22	0	1	2570.004	-22.98	-10	Pass
2571	2585	1	6.58	2	2580.663	-52.31	-25	Pass



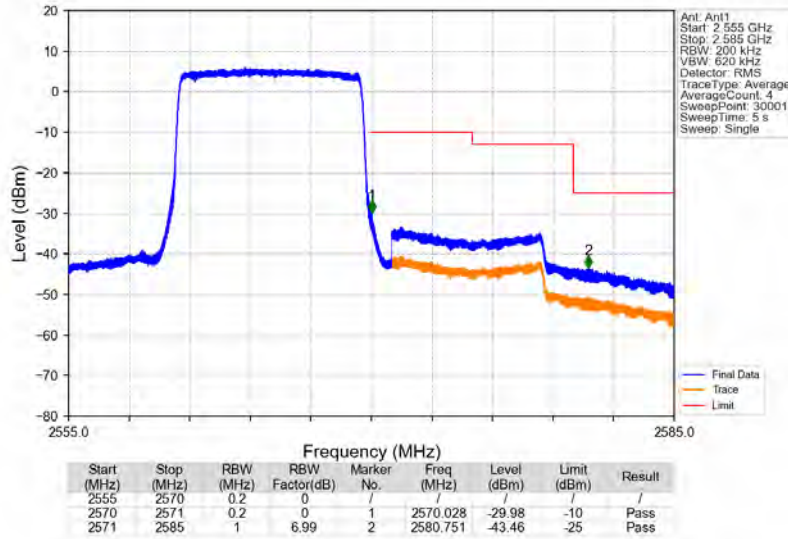
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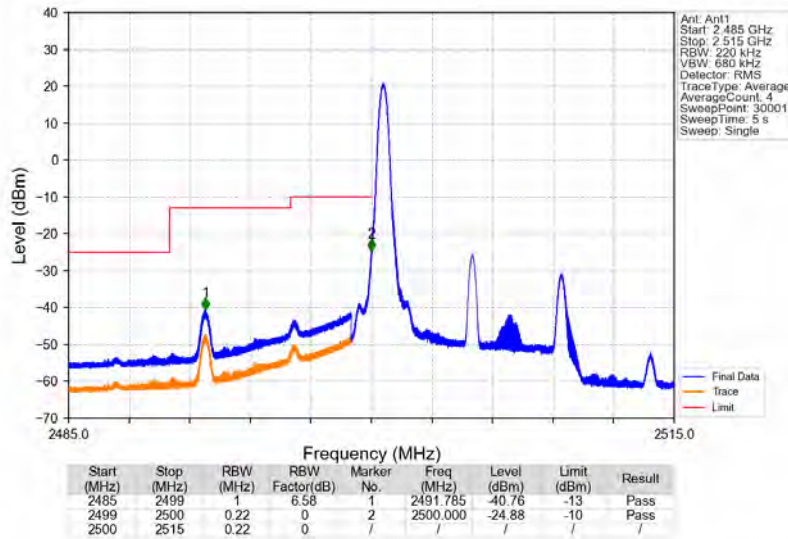
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Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



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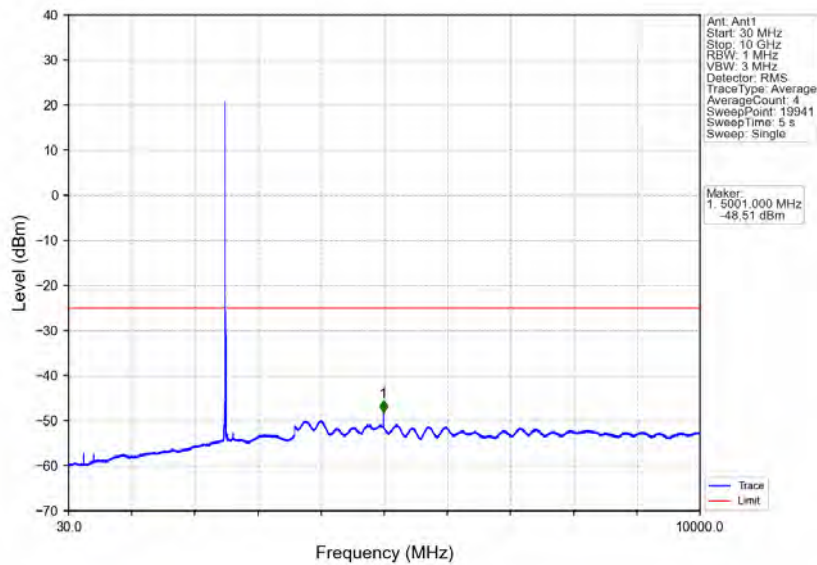
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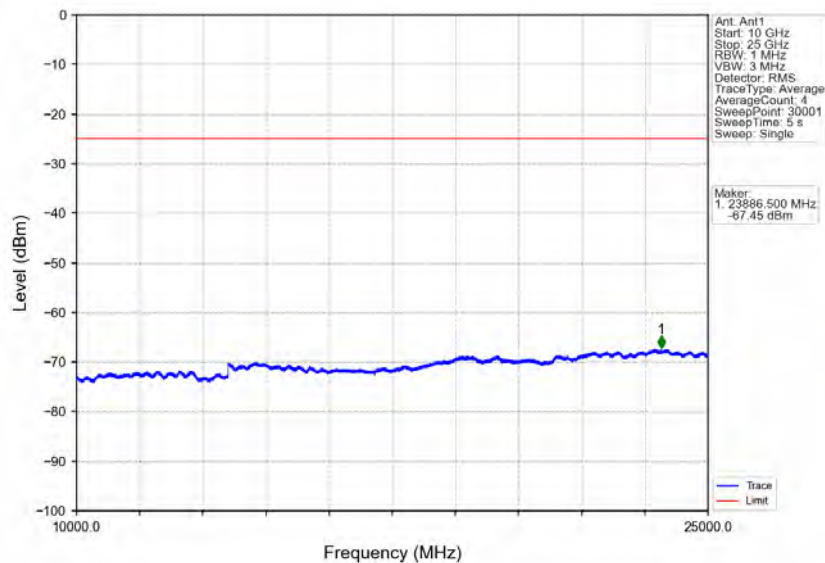
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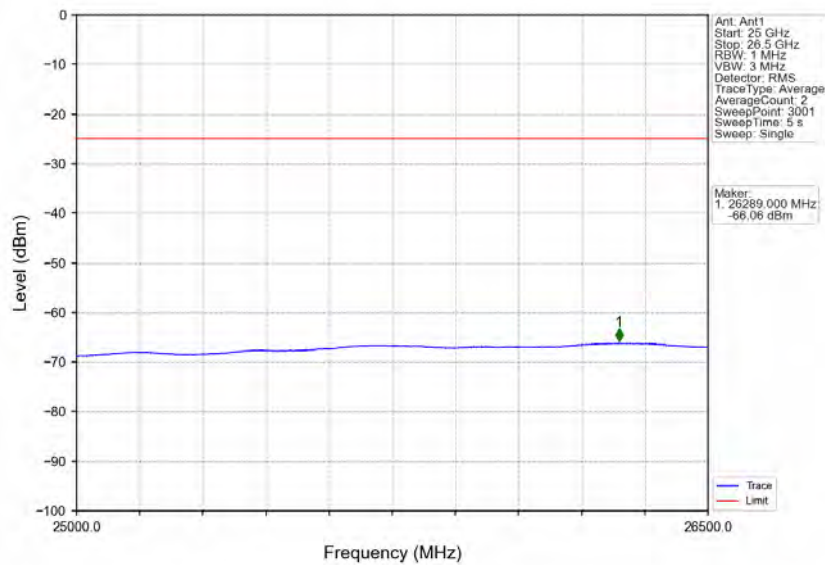
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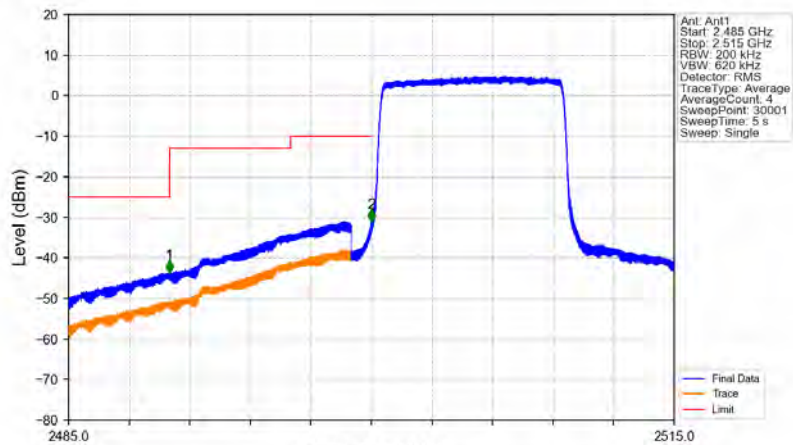
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	6.99	1	2489.963	-43.66	-25	Pass
2499	2500	0.2	0	2	2499.995	-31.18	-10	Pass
2500	2515	0.2	0	/	/	/	/	/



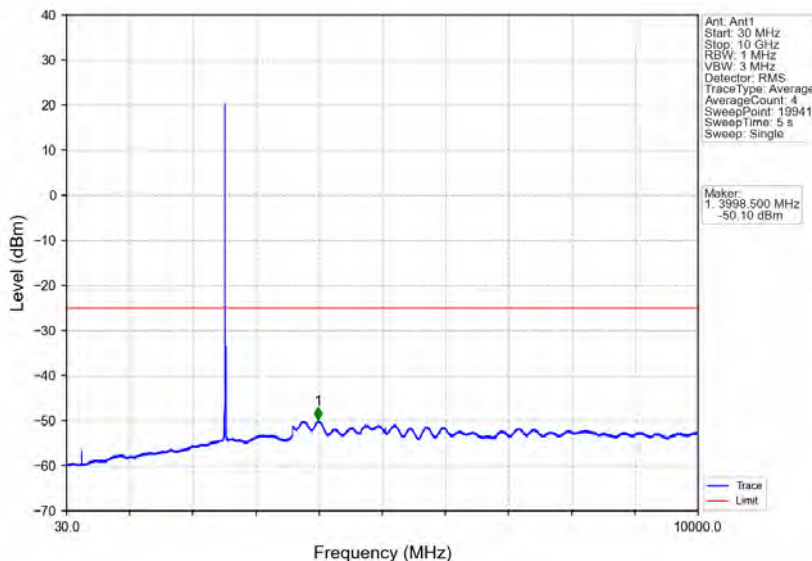
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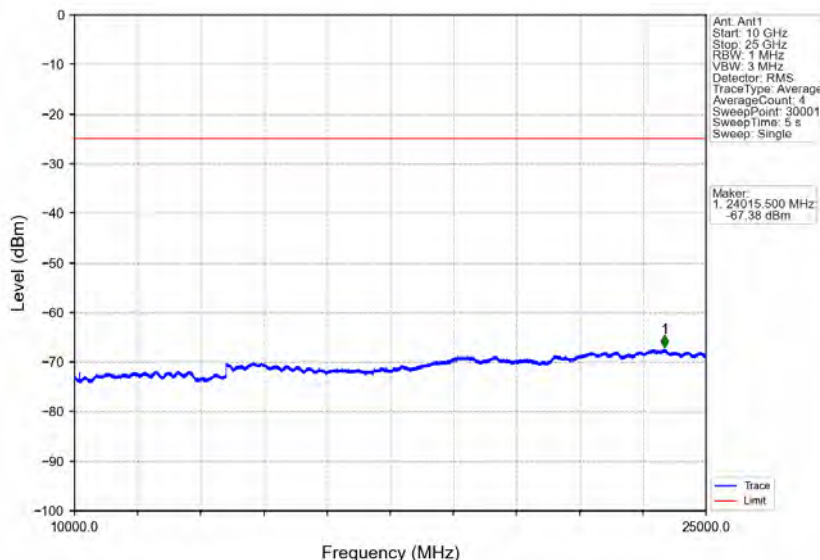
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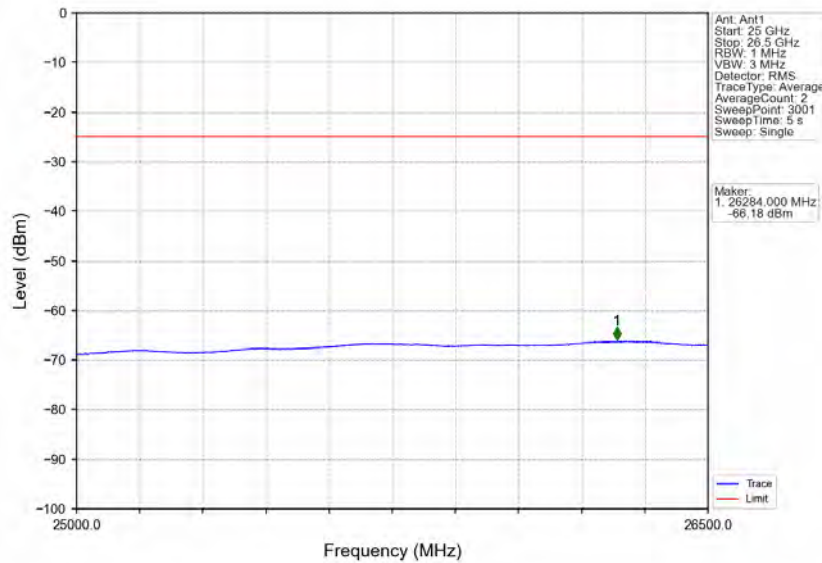
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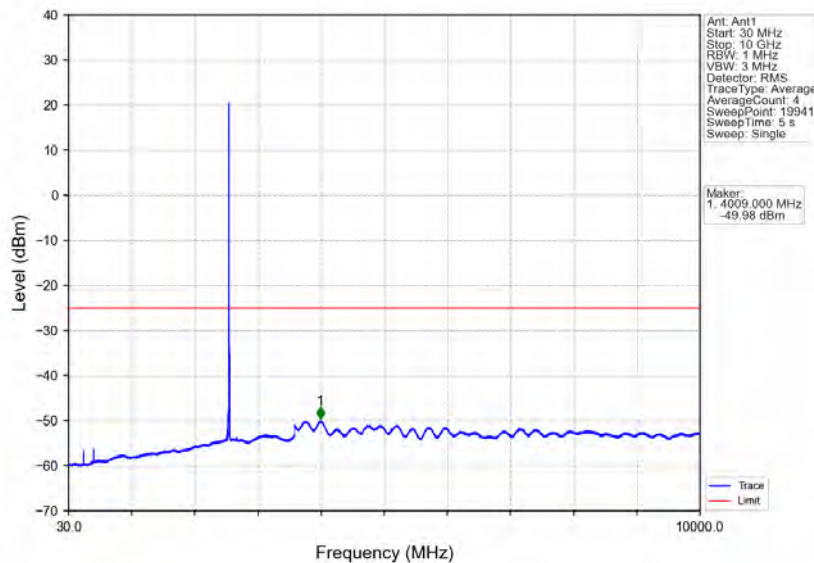
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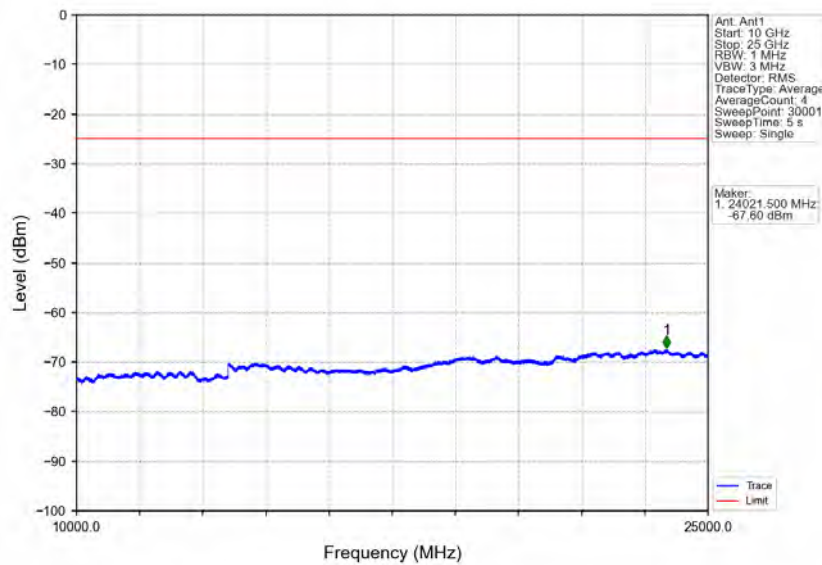
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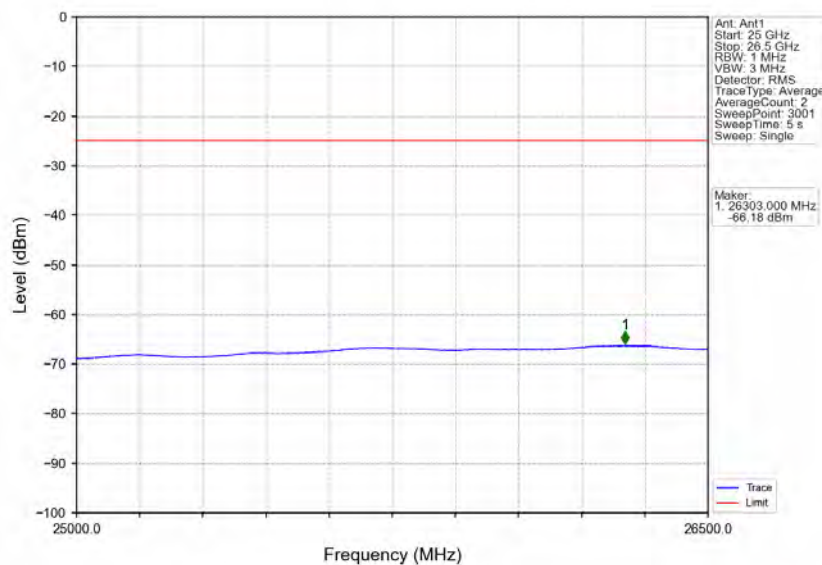
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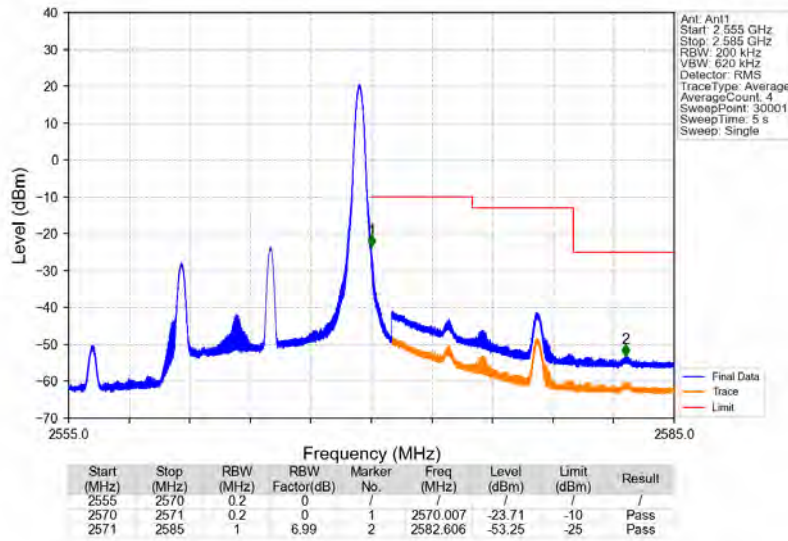
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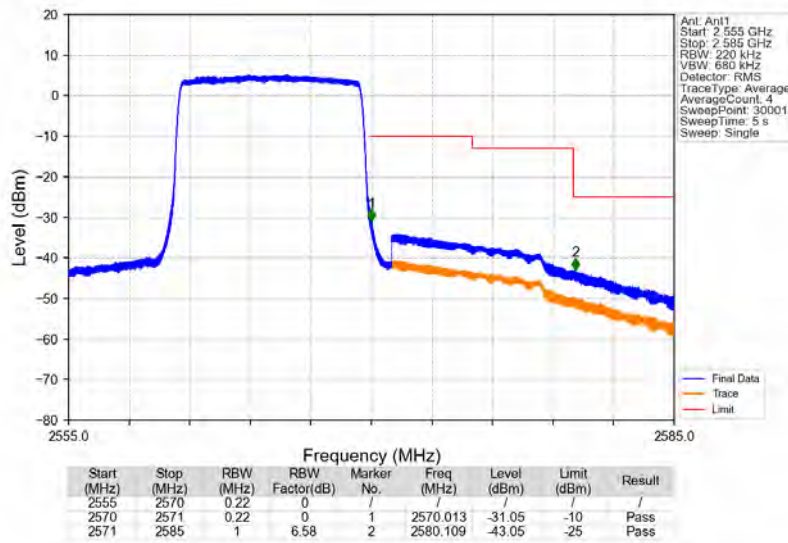
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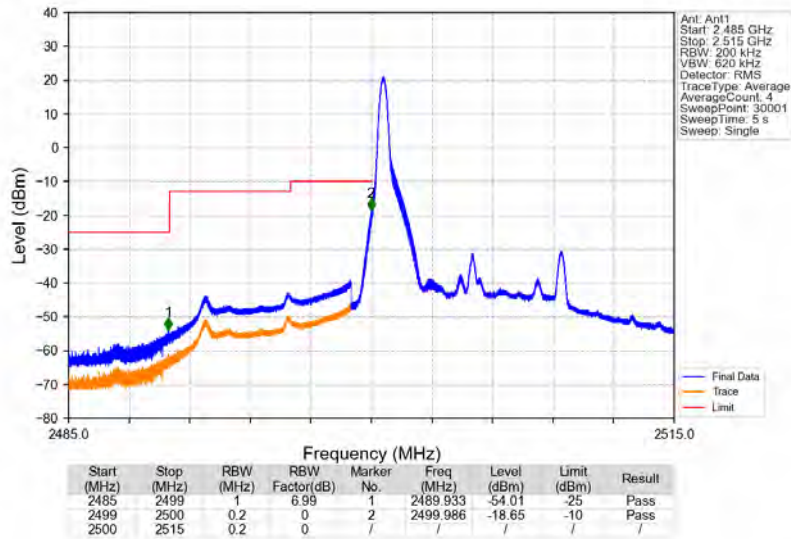
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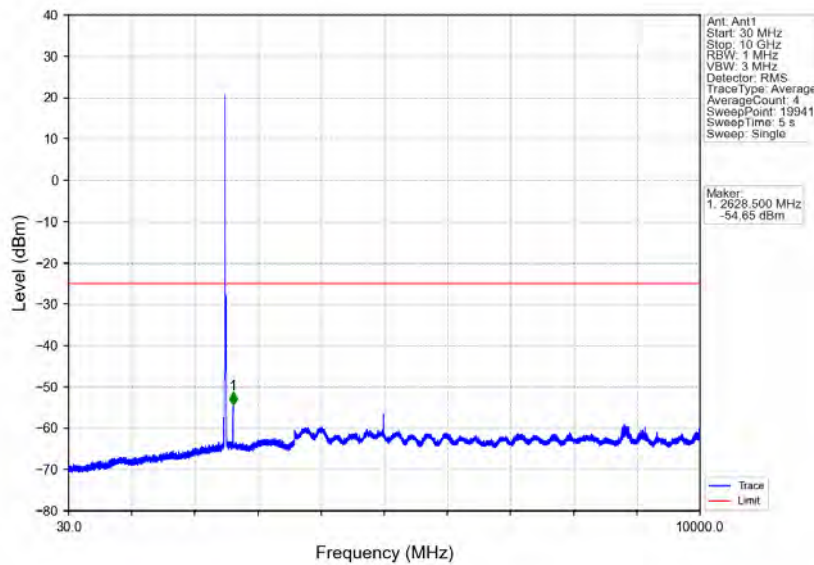
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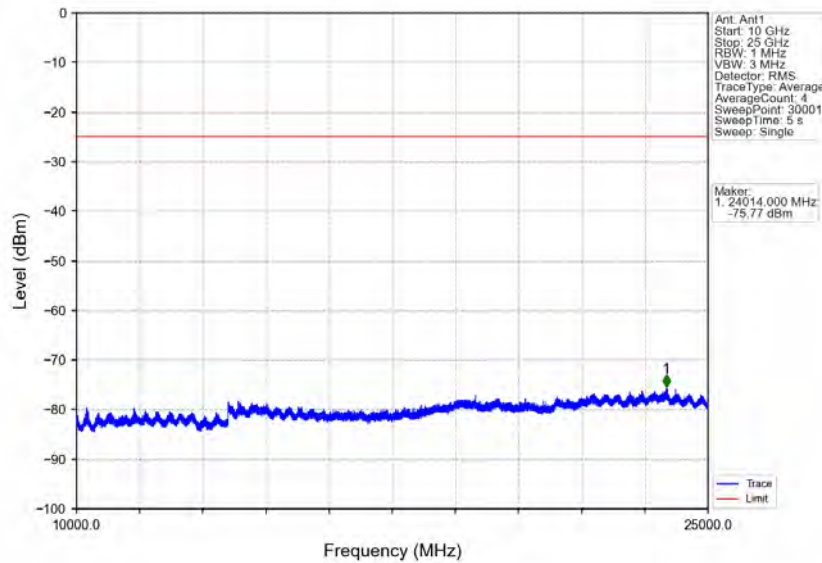
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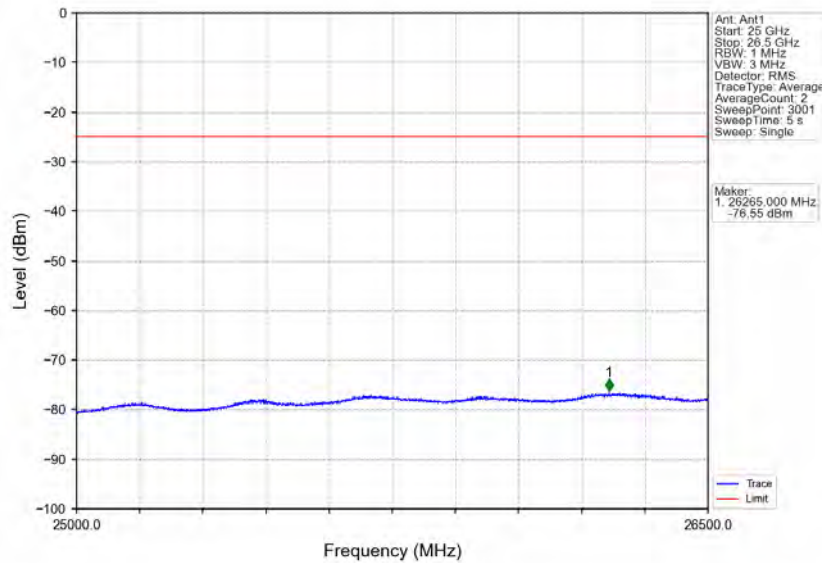


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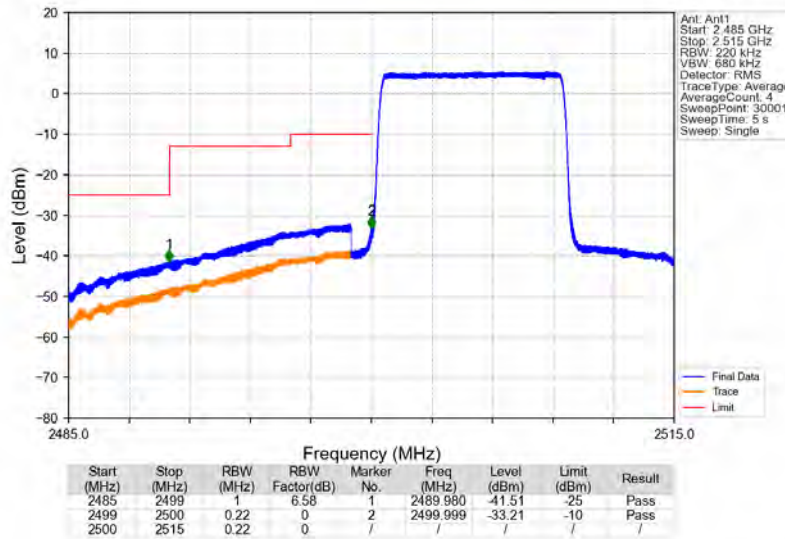
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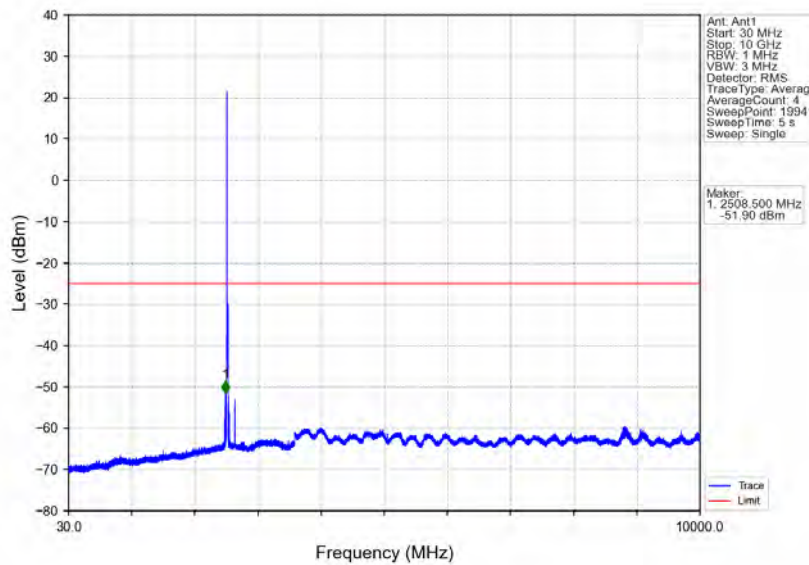
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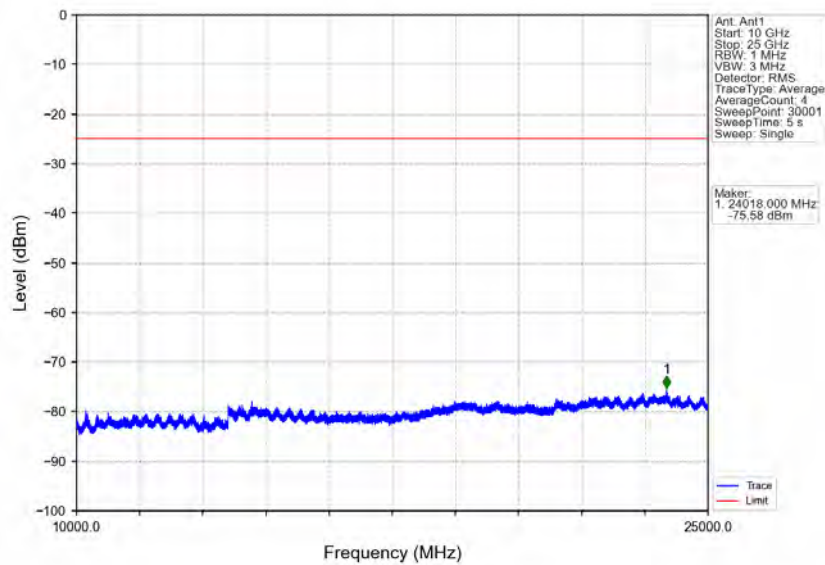
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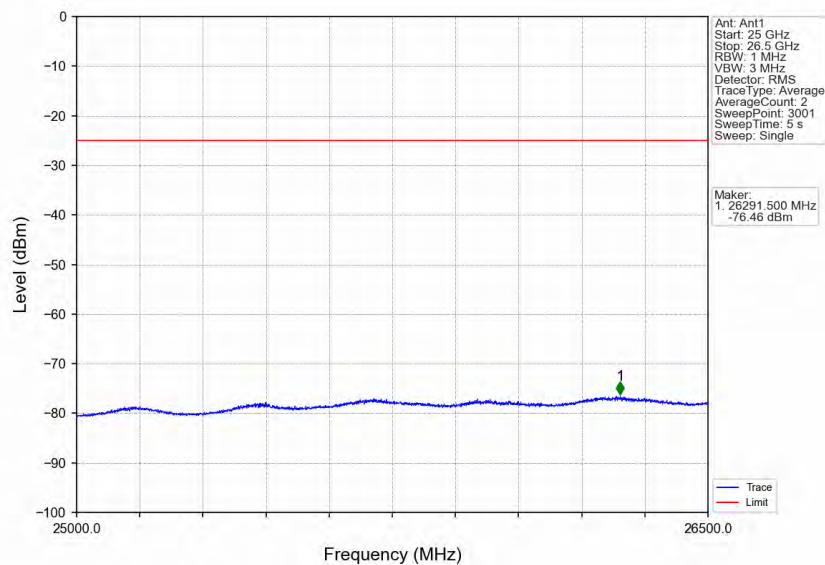
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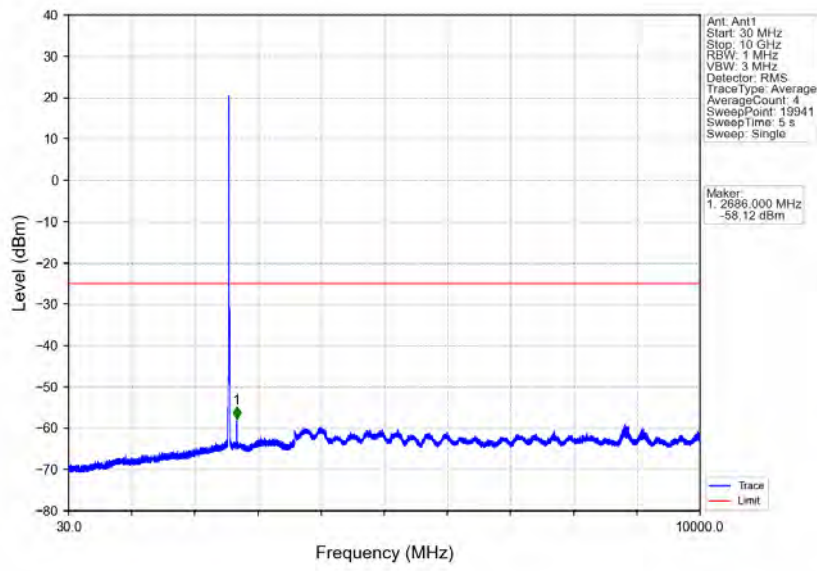
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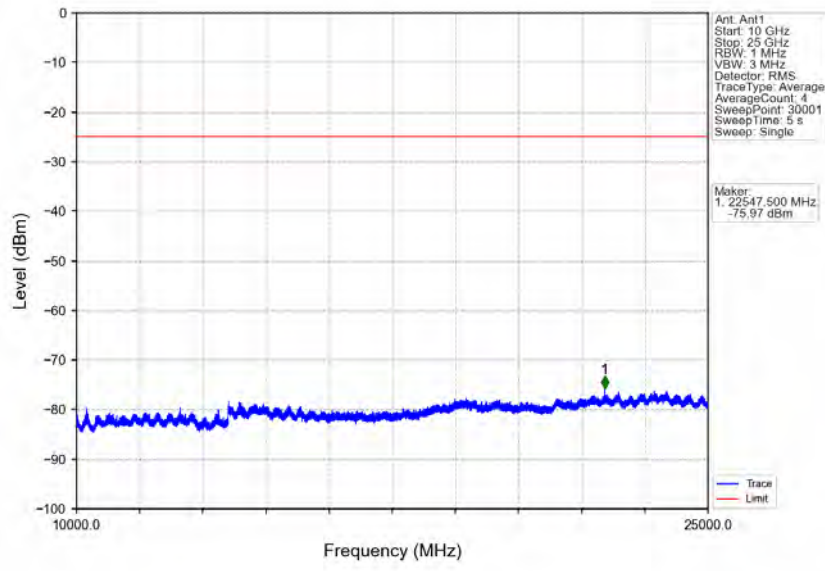
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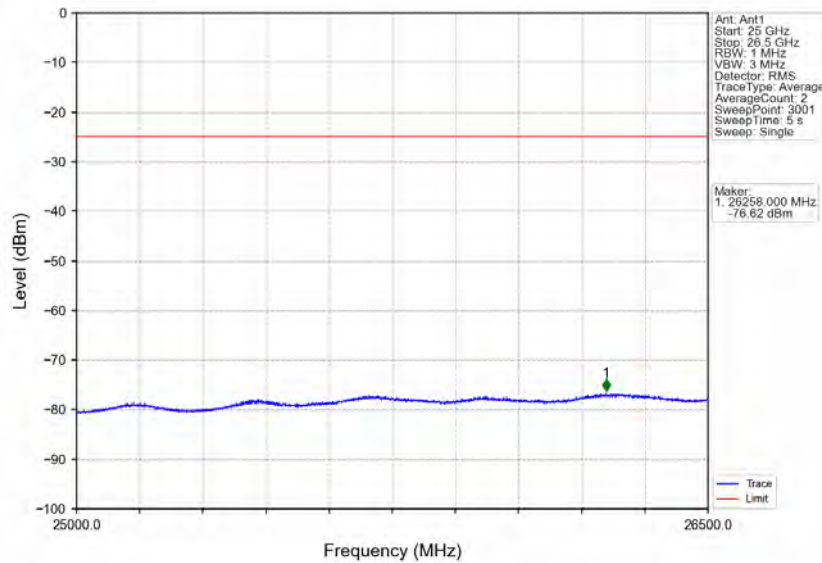
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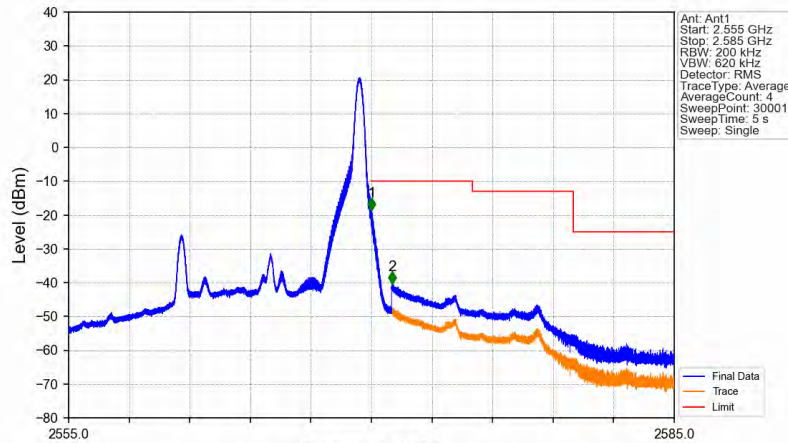
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Band7_10MHz_64QAM_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.005	-18.61	-10	Pass
2571	2585	1	6.99	2	2571.024	-40.41	-10	Pass



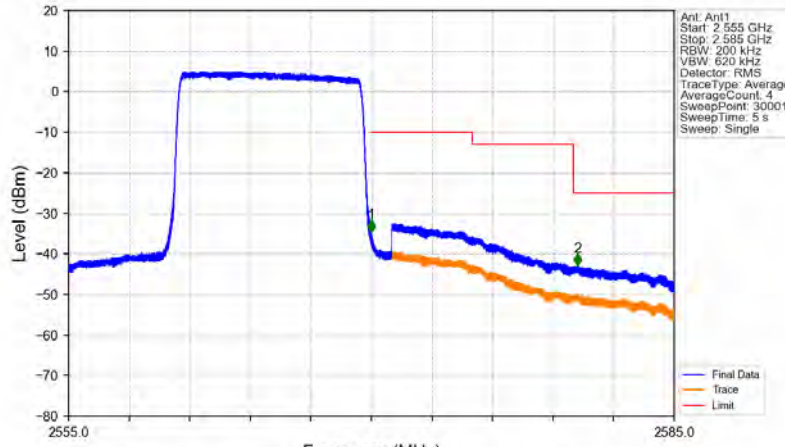
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Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.000	-34.75	-10	Pass
2571	2585	1	6.99	2	2580.212	-42.94	-25	Pass



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6.3 B7_15MHz

6.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

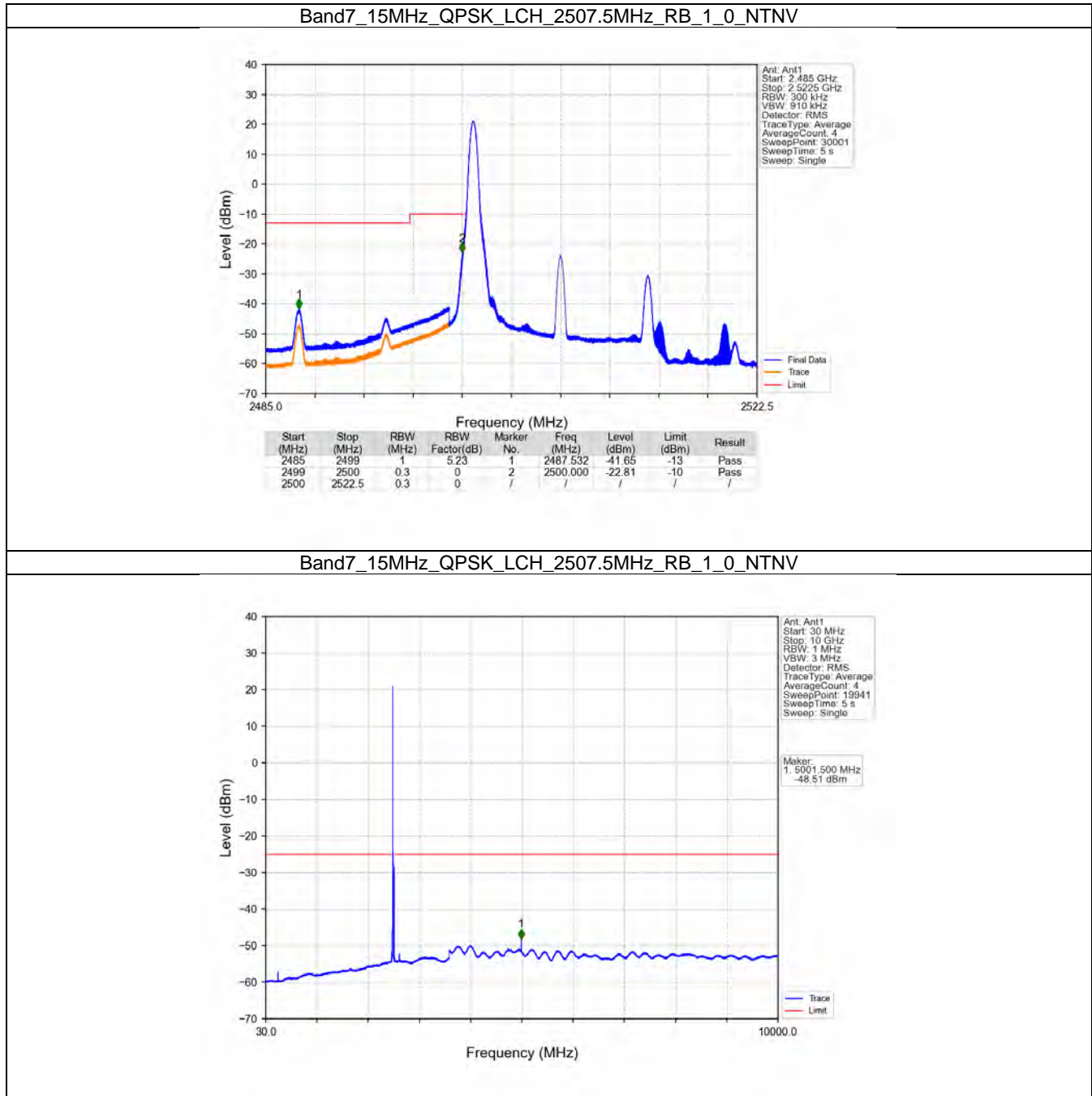


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6.3.2 Test Graph



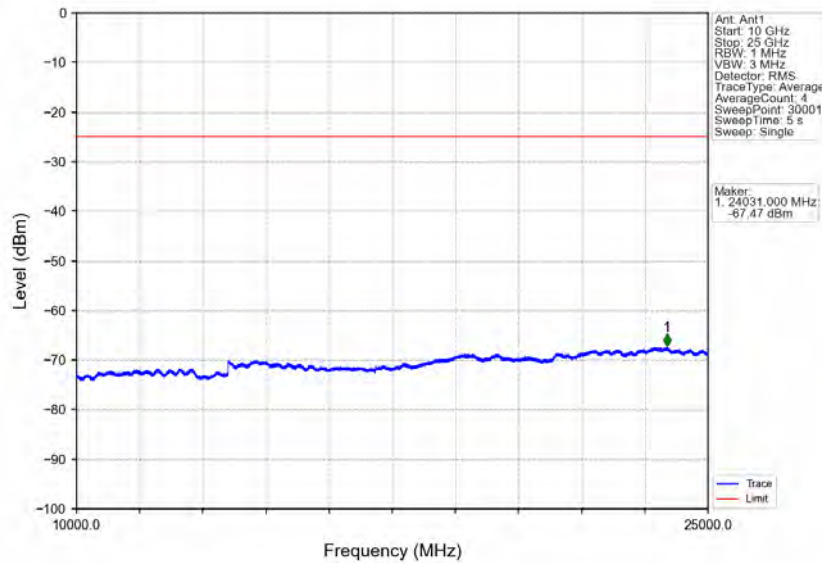
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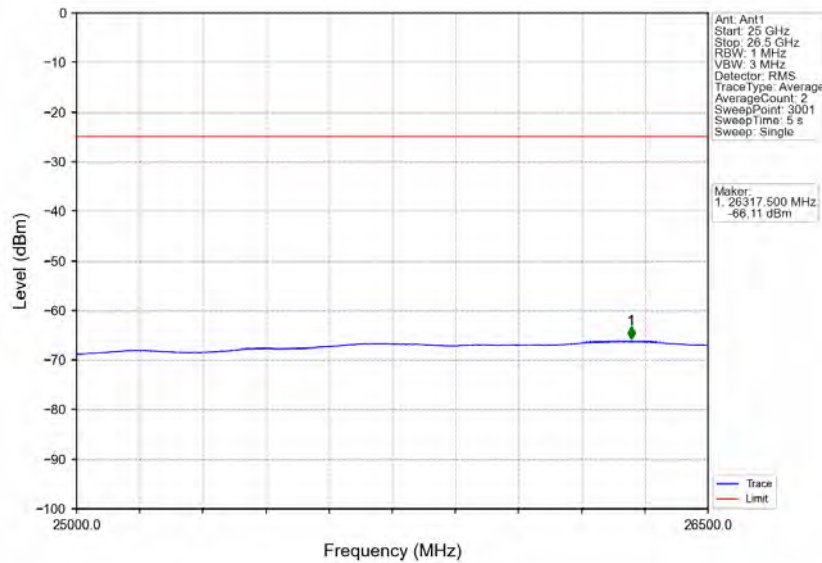
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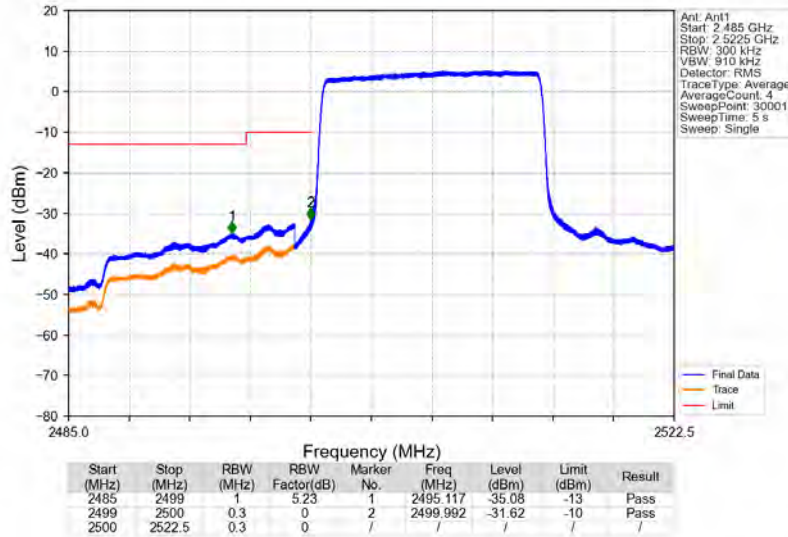
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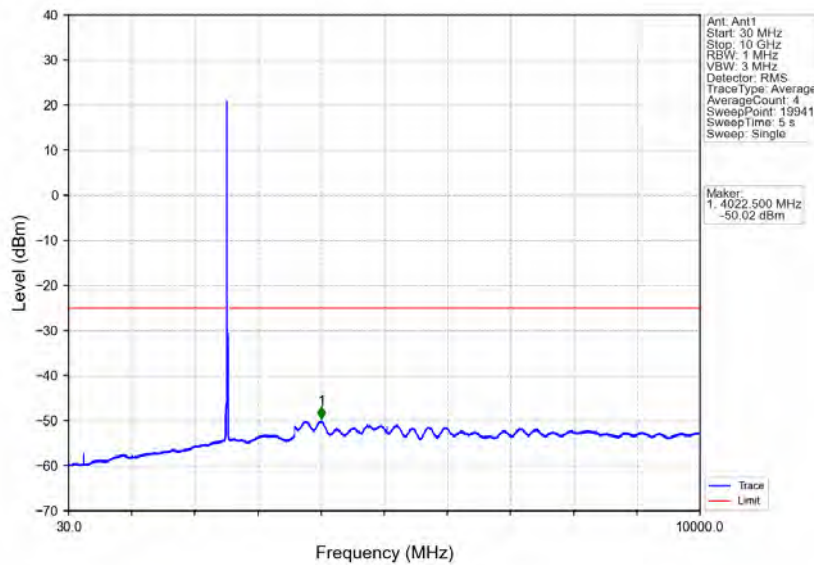
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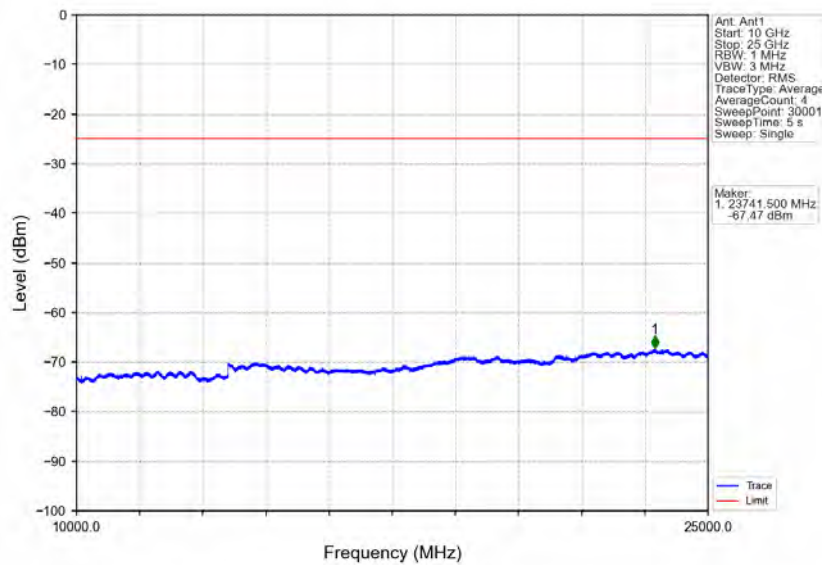
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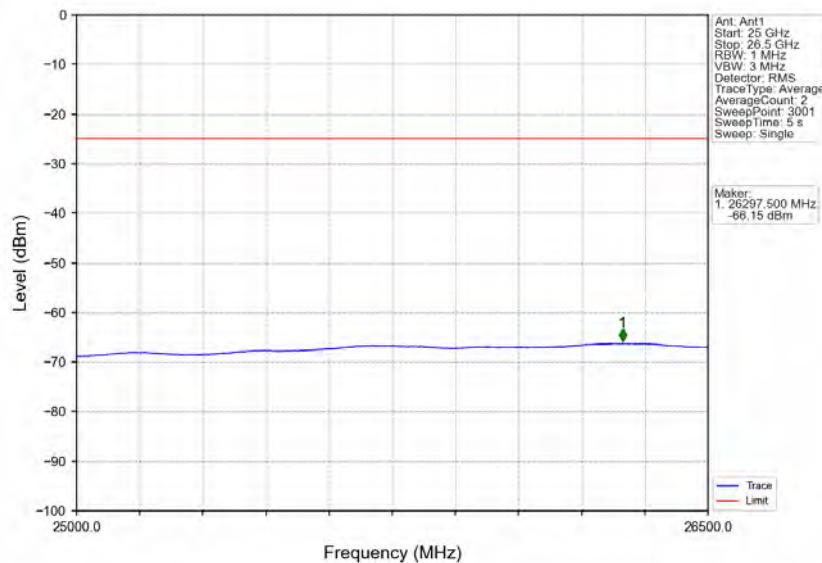


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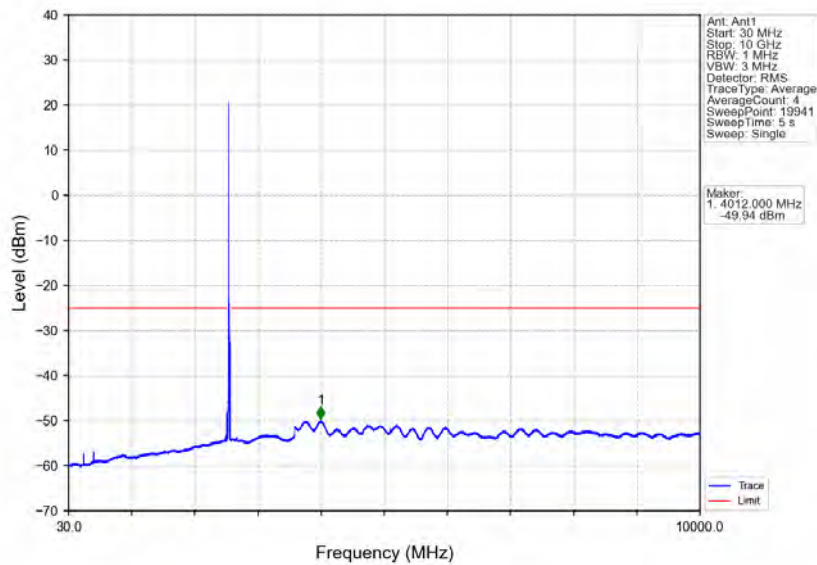
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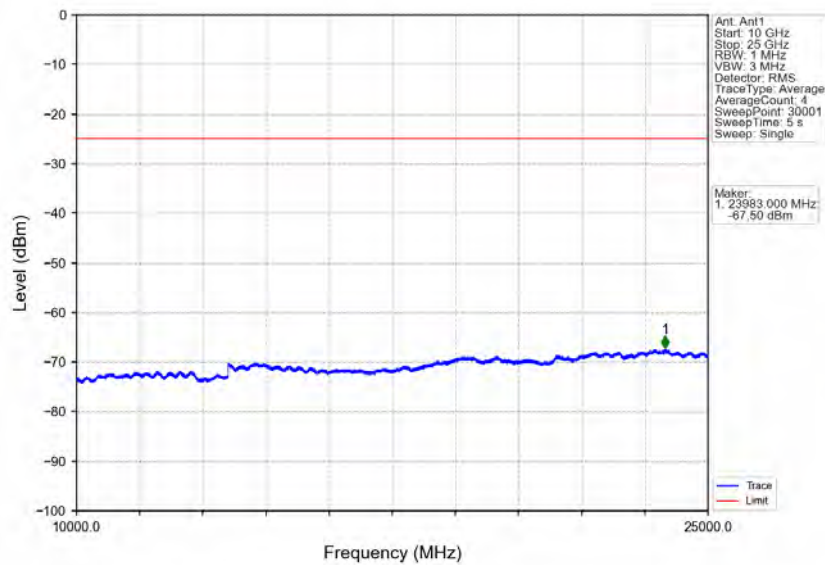
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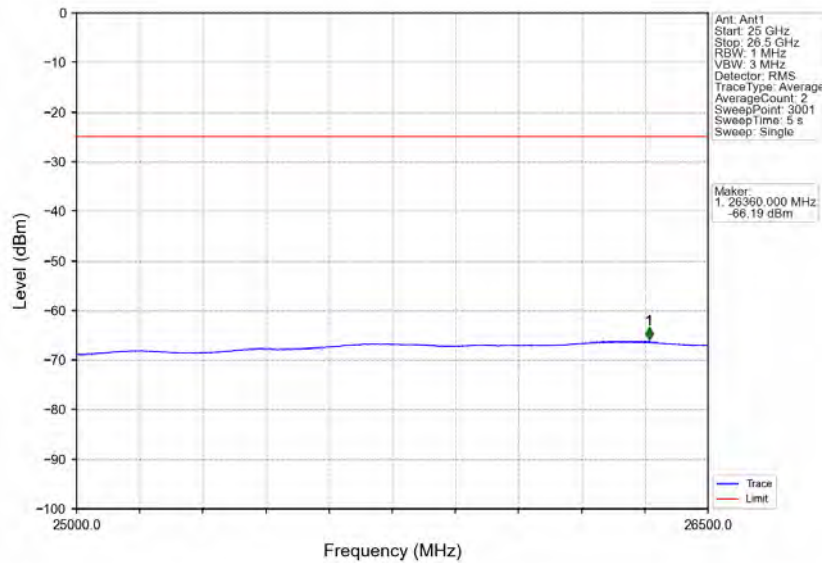
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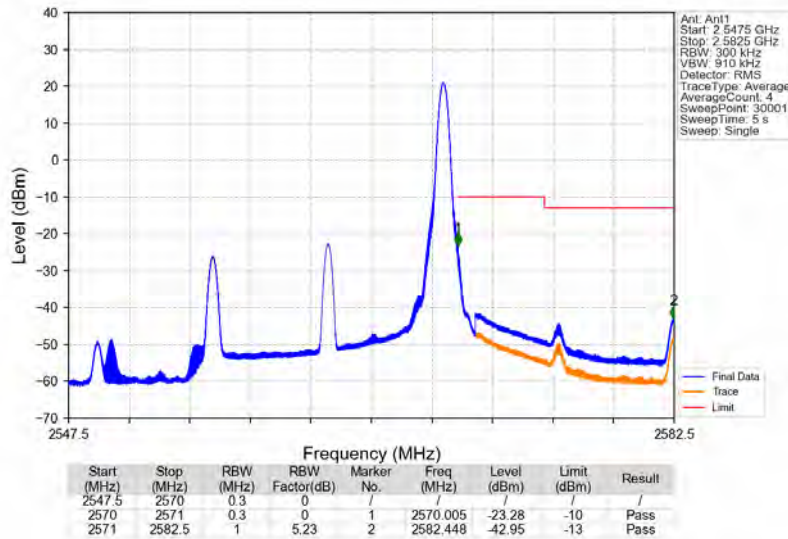
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



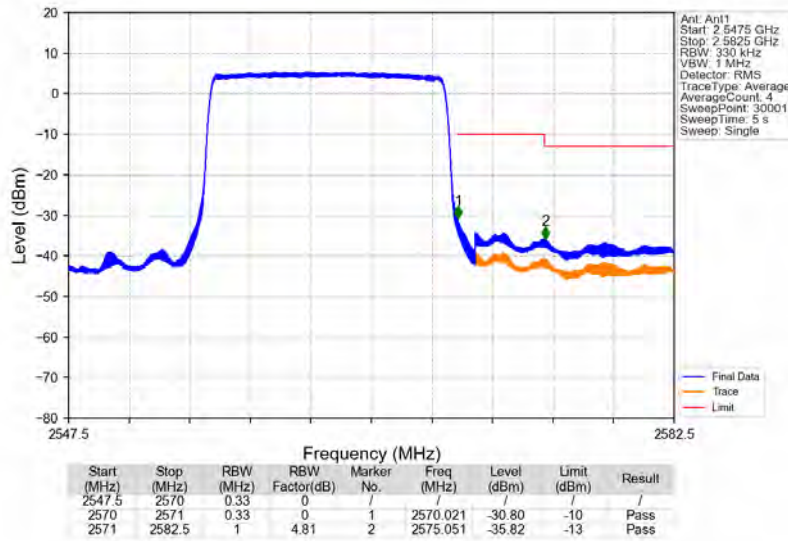
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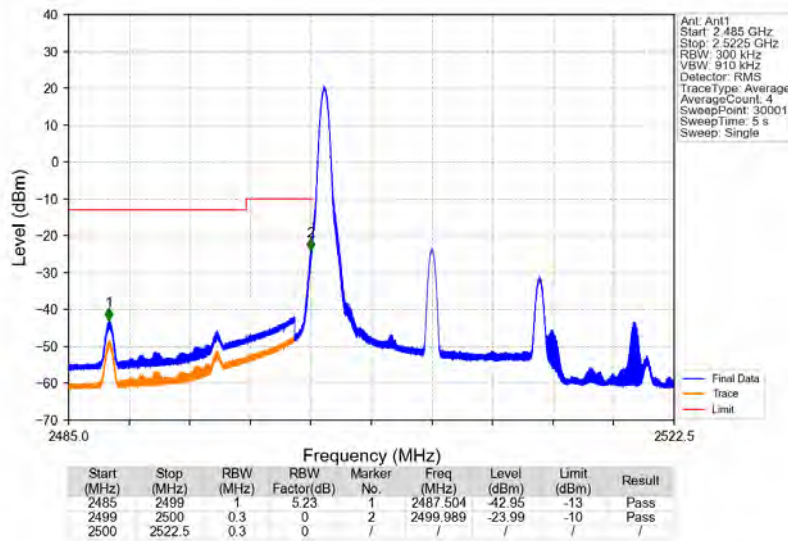
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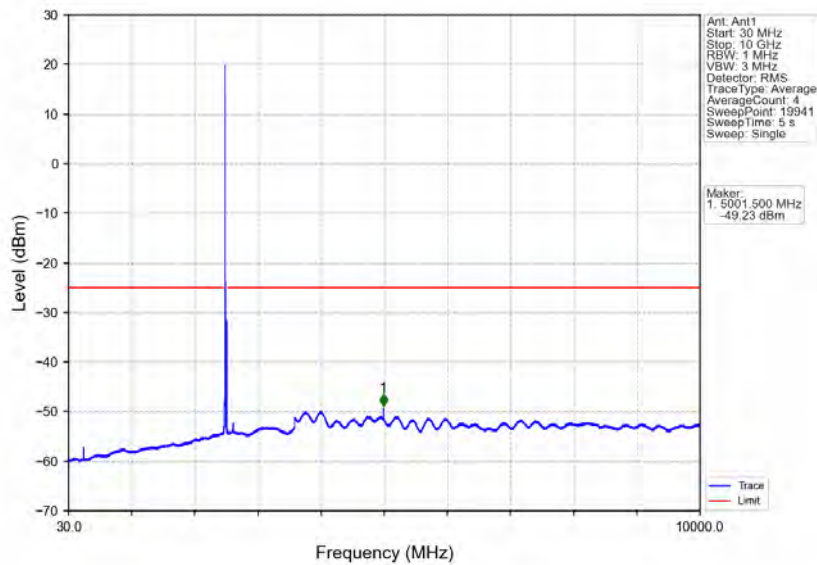
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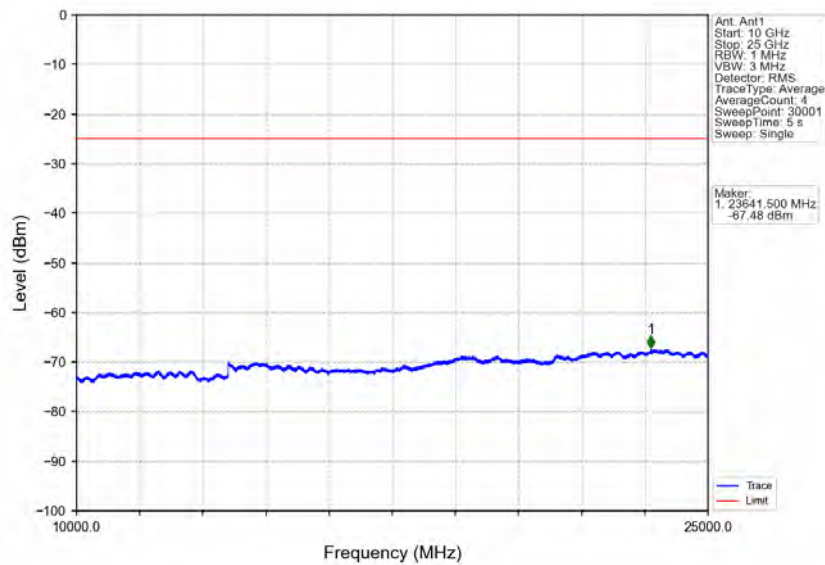
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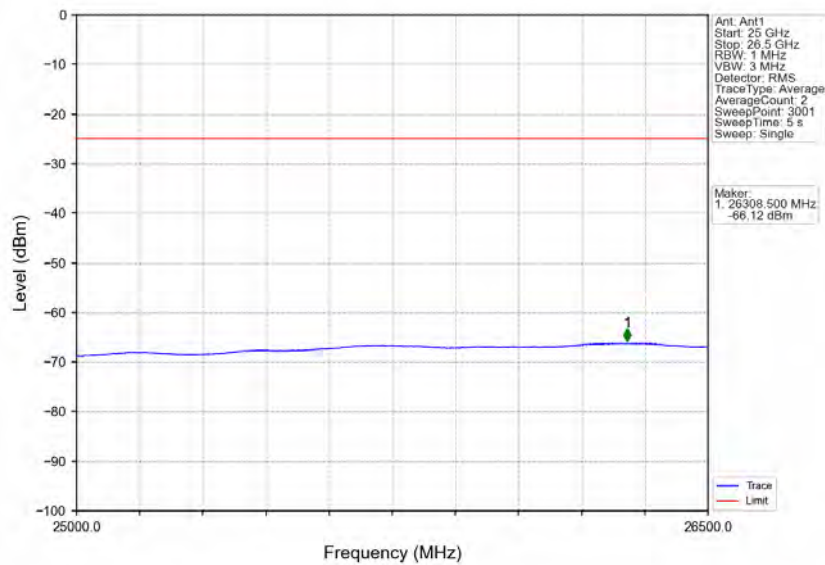
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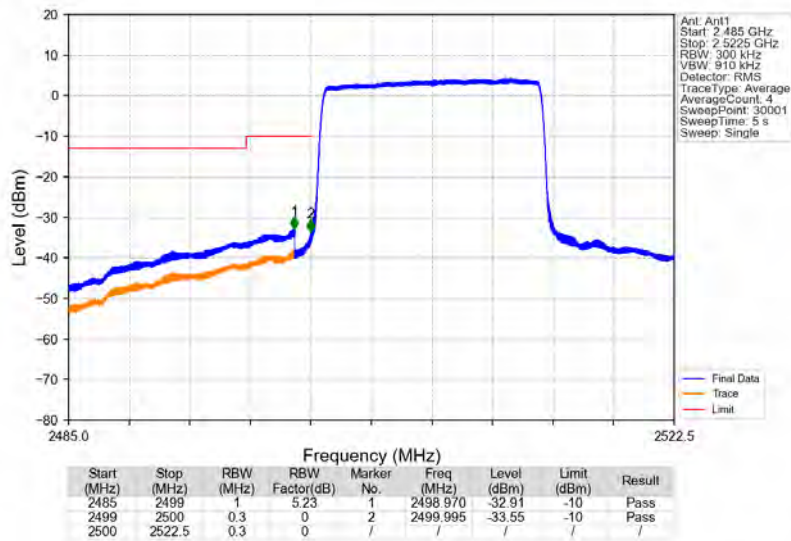
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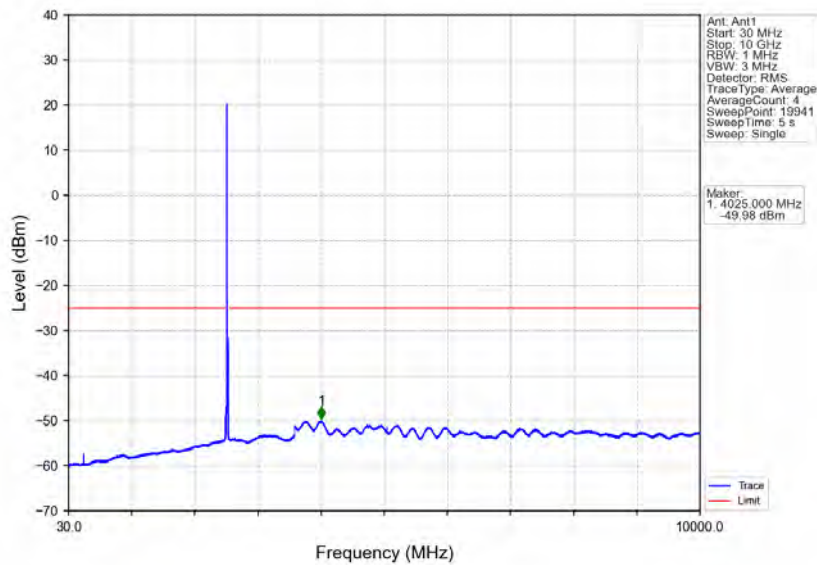
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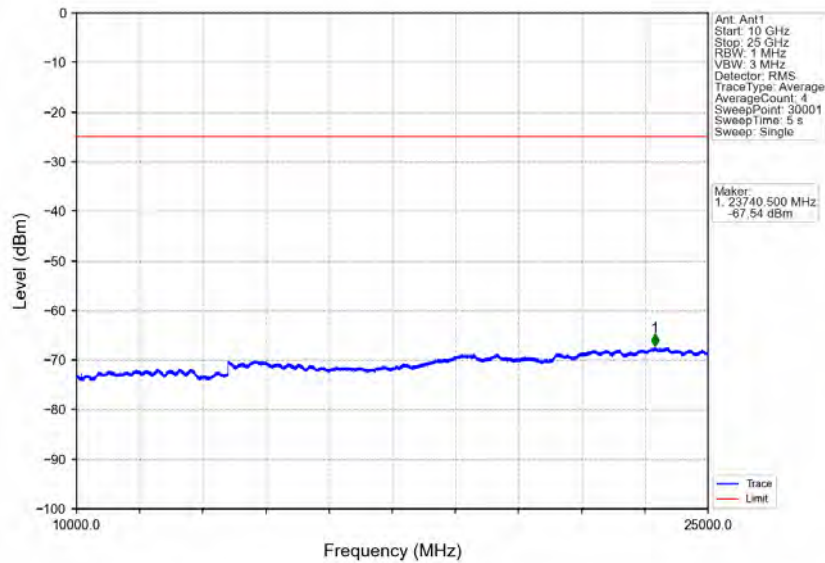
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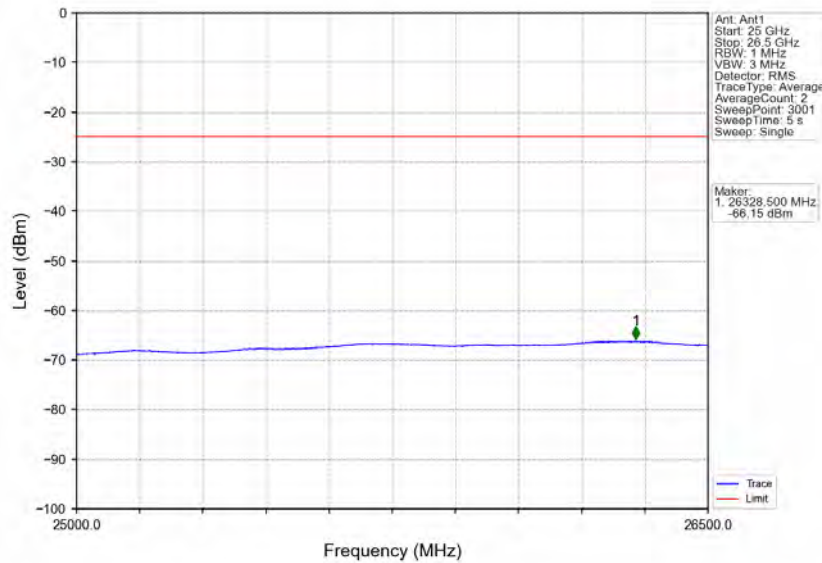
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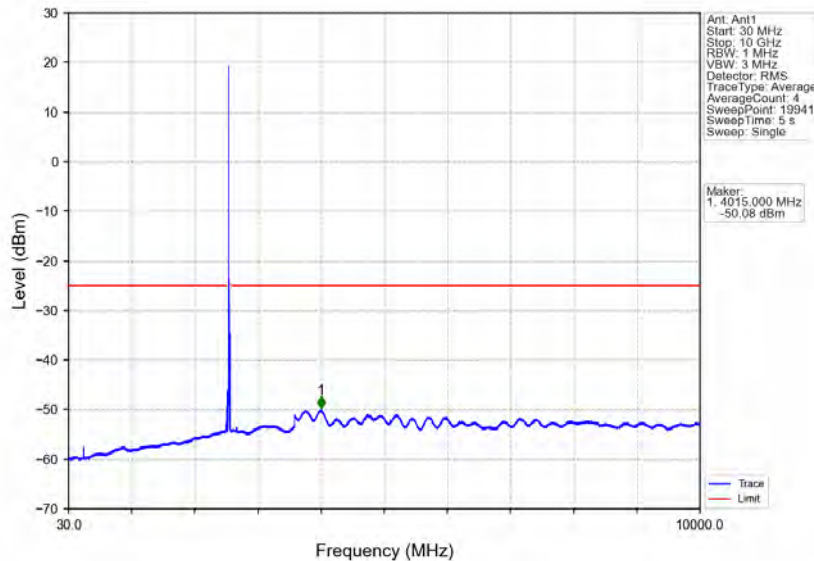
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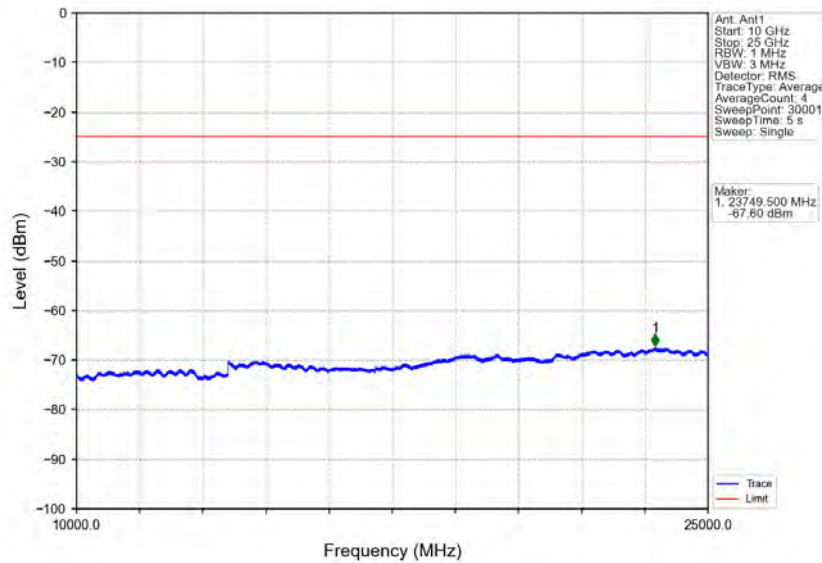
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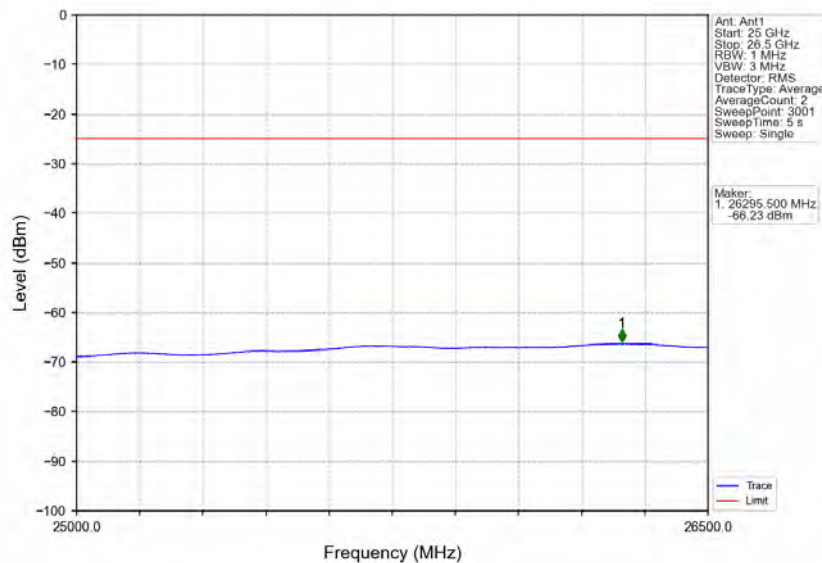
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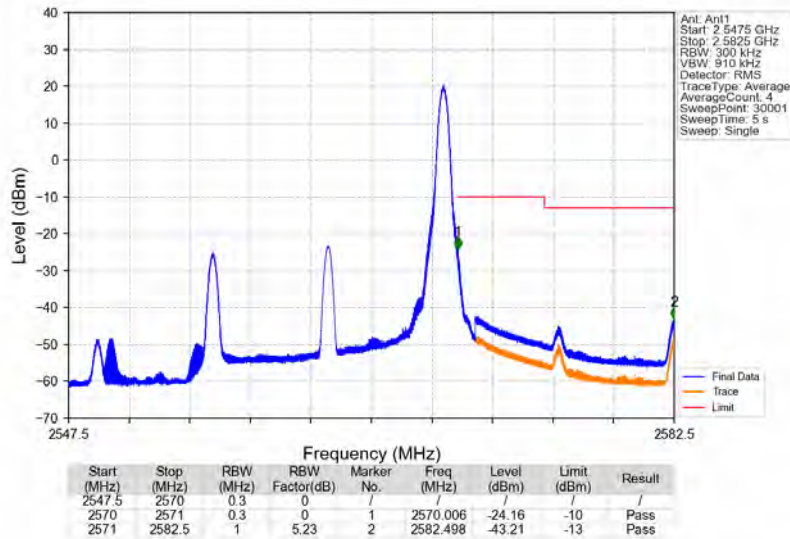
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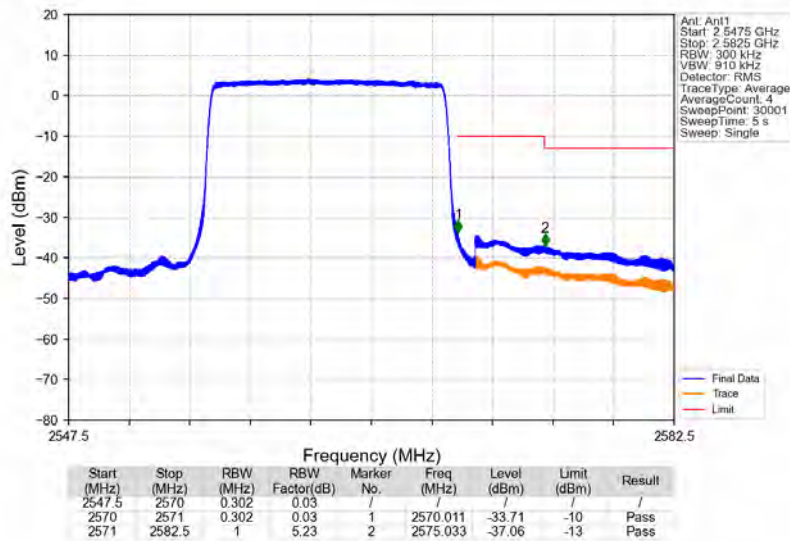
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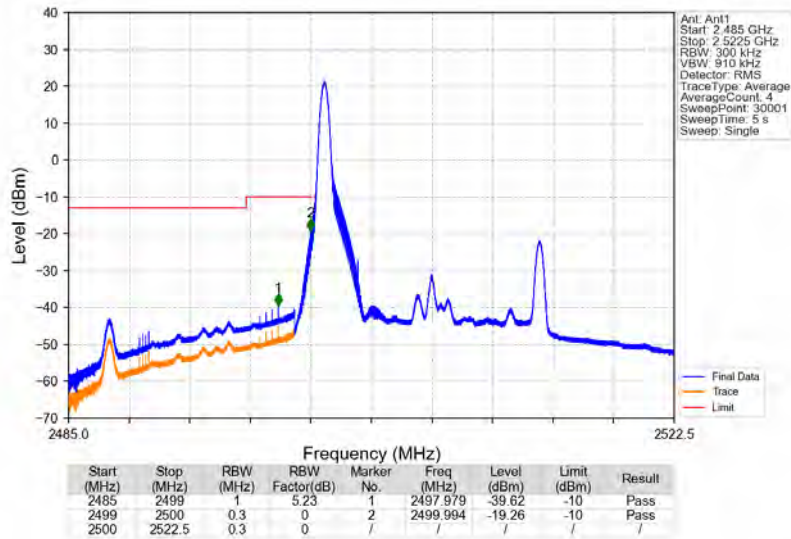
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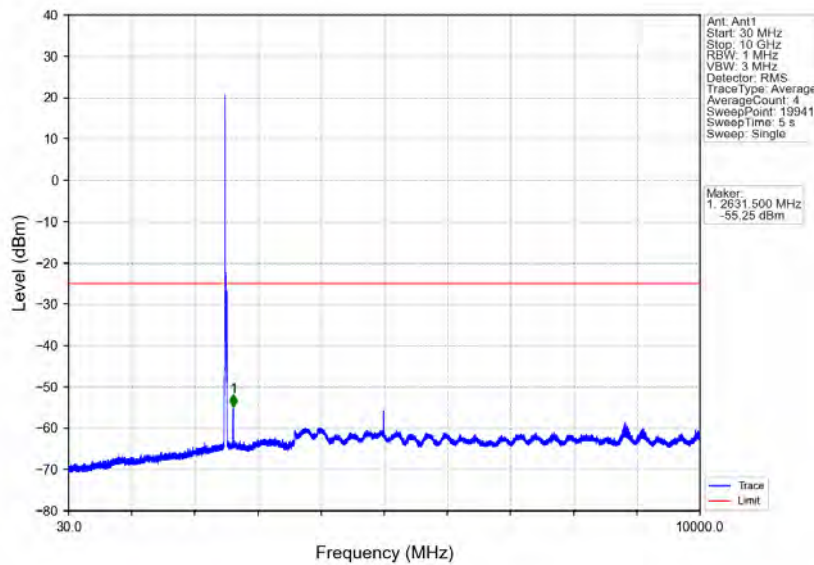
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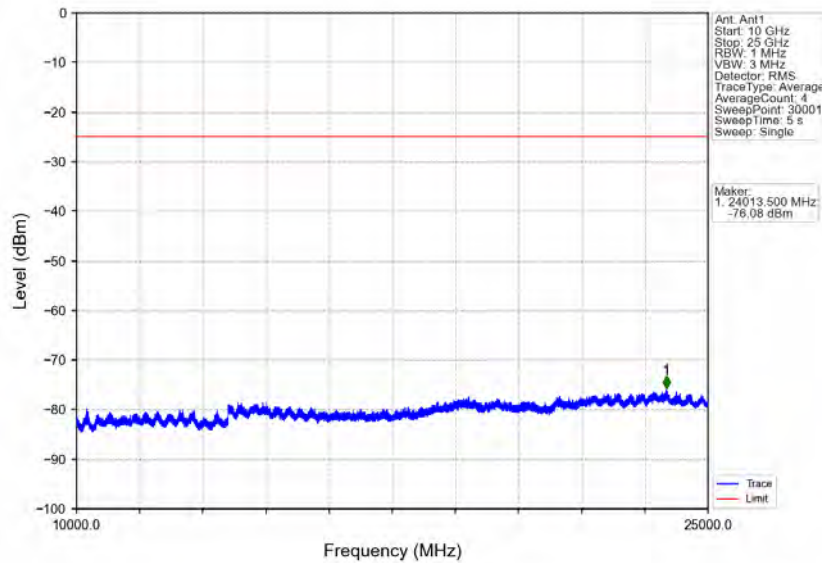
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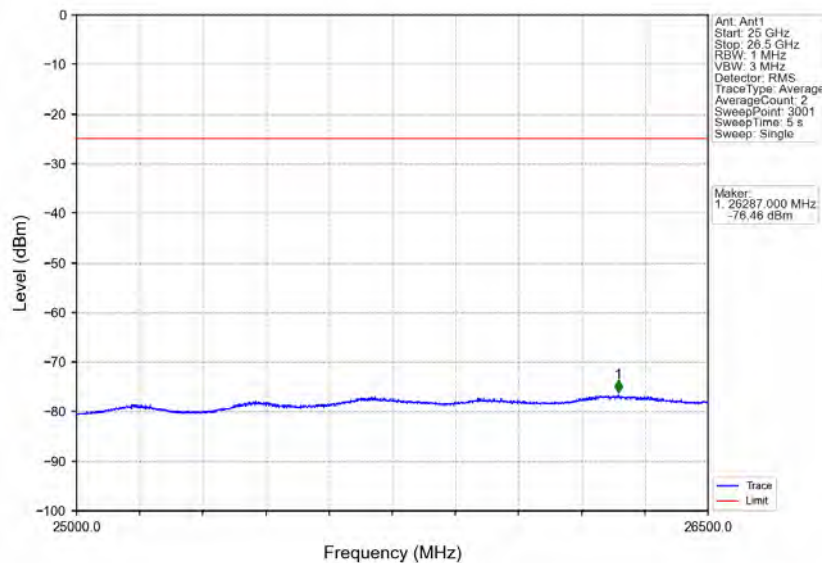


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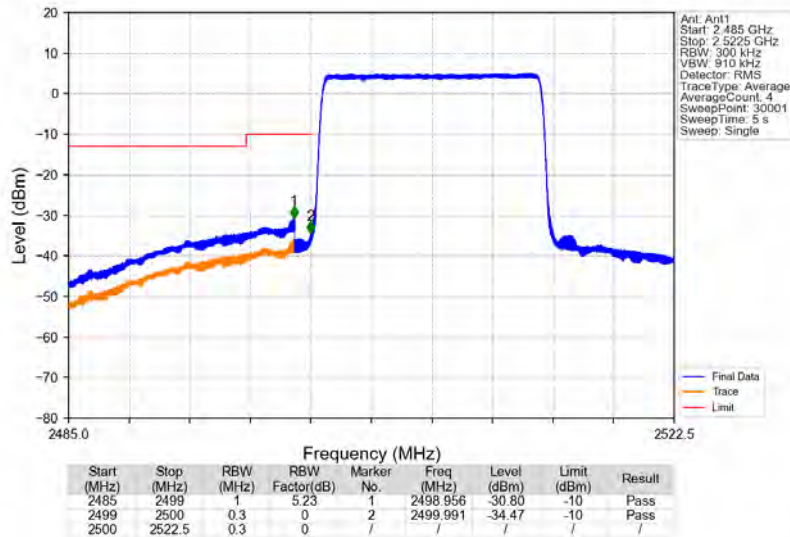
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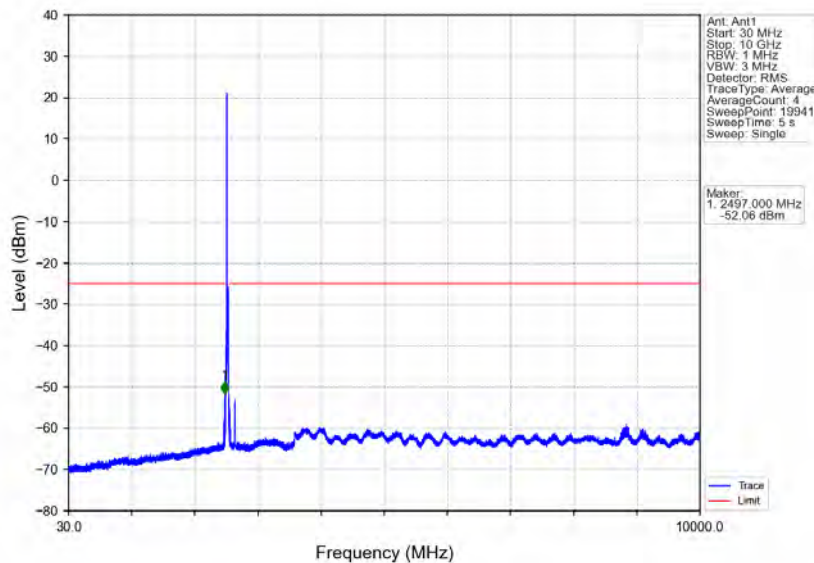
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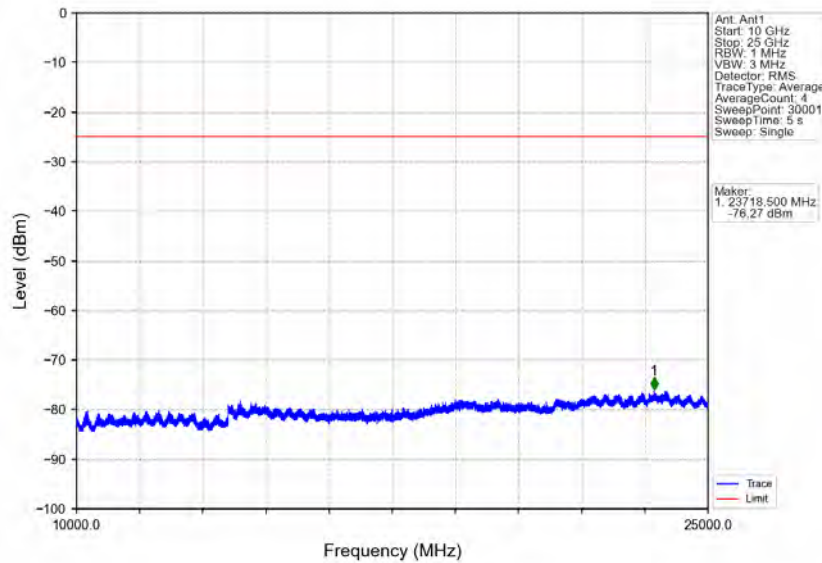
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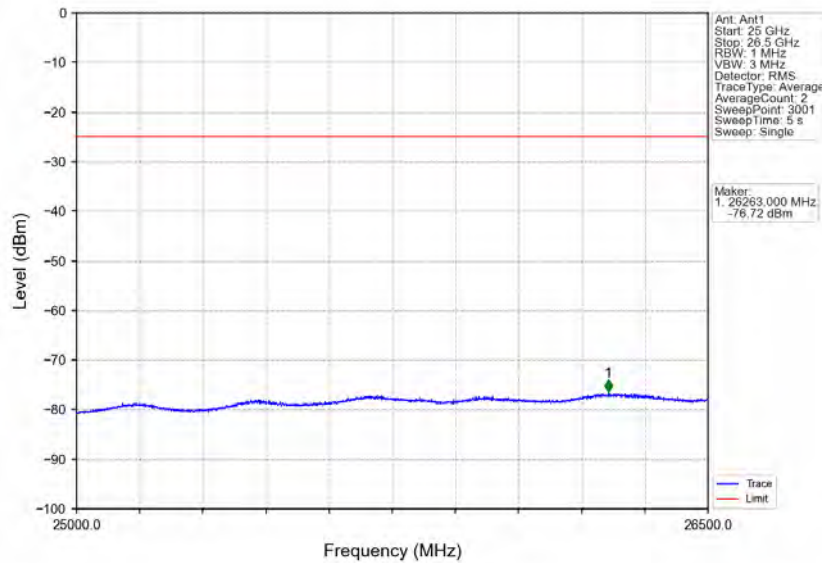


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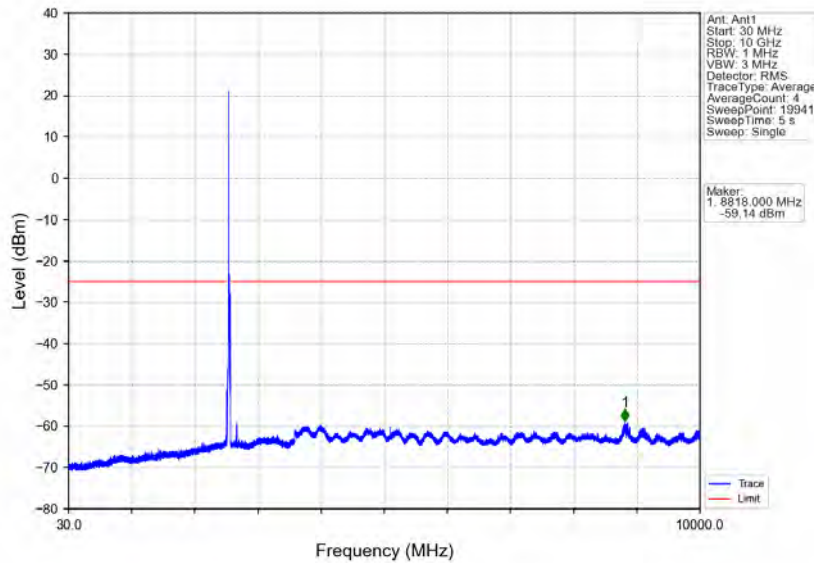
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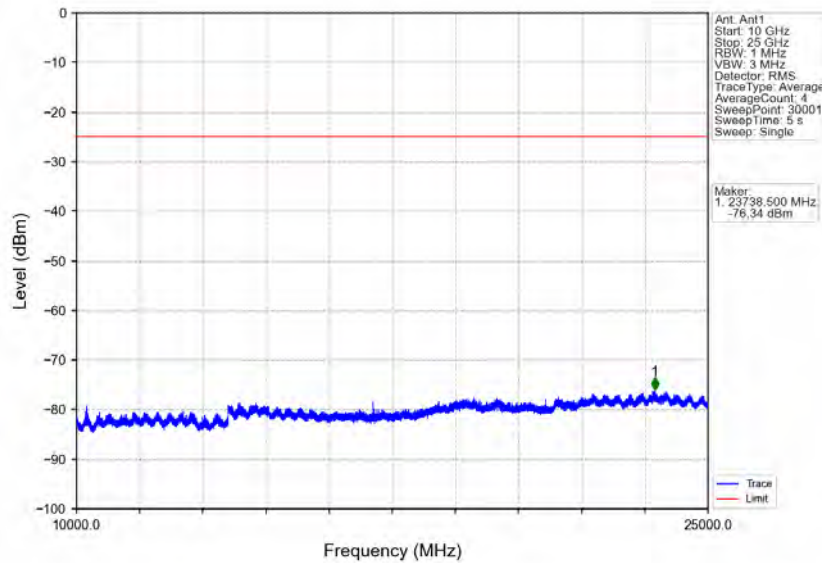
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



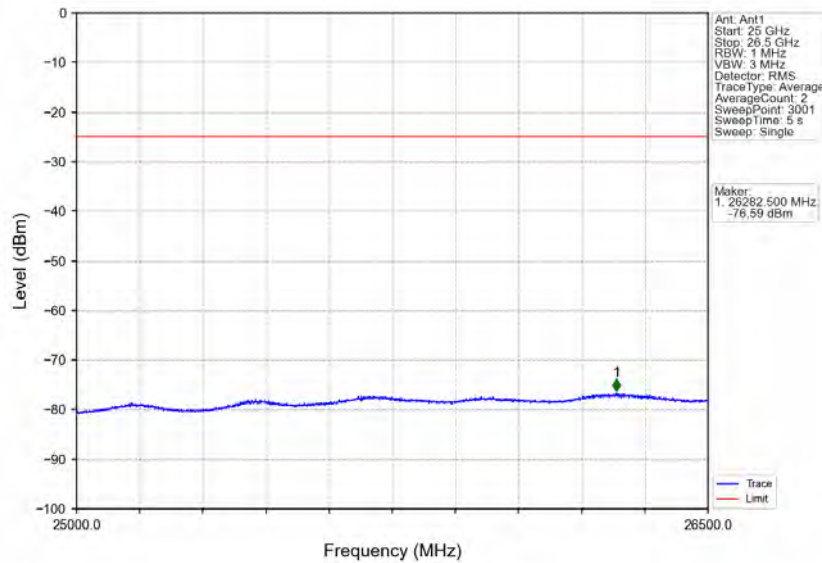
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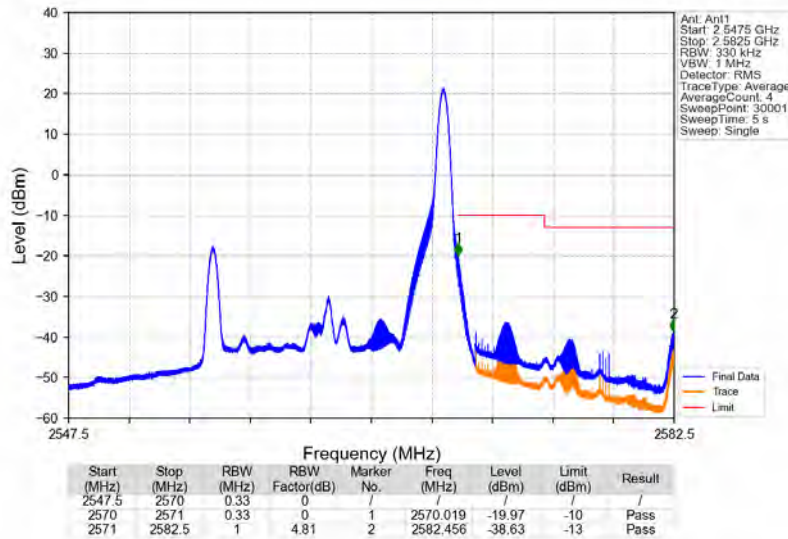
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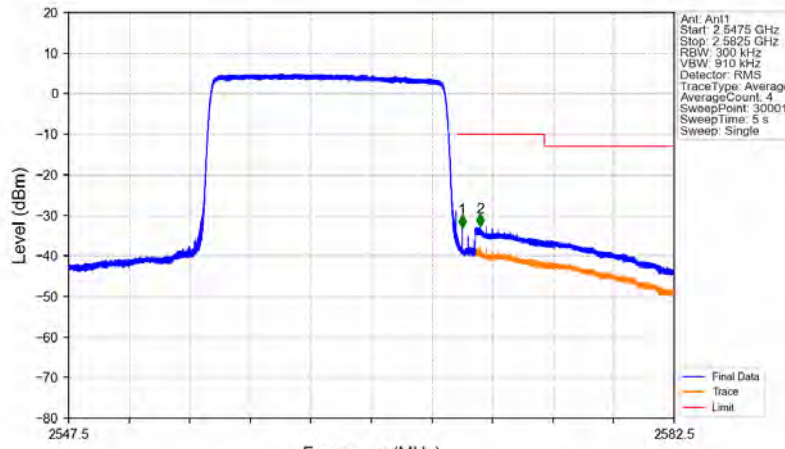
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	0	/	/	/	/	/
2570	2571	0.3	0	1	2570.242	-33.01	-10	Pass
2571	2582.5	1	5.23	2	2571.292	-32.70	-10	Pass



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6.4 B7_20MHz

6.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

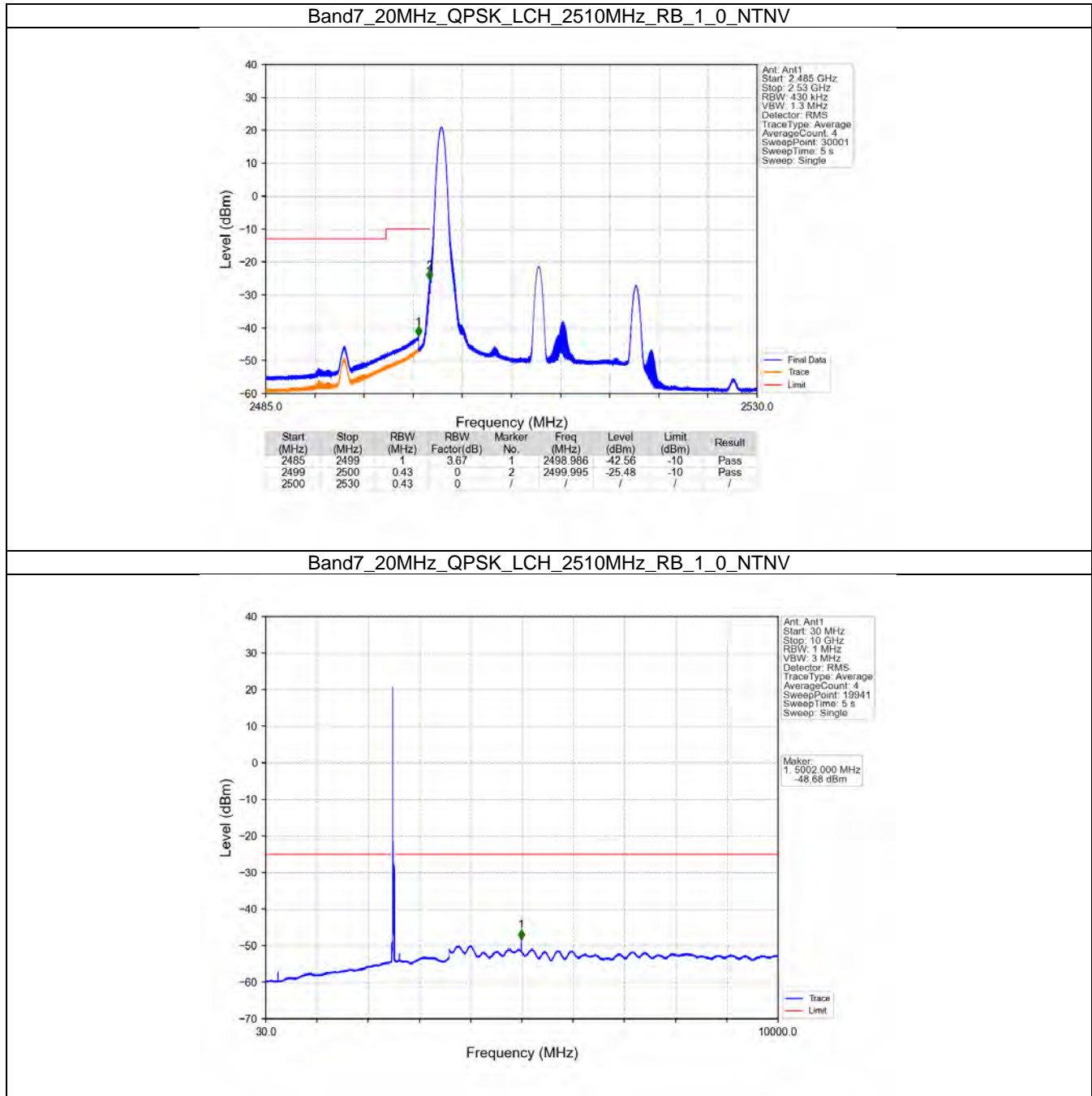


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6.4.2 Test Graph



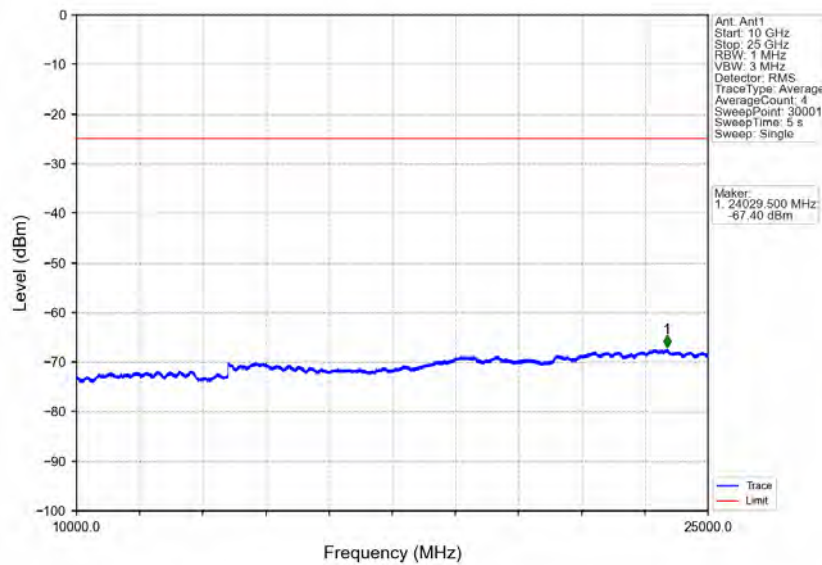
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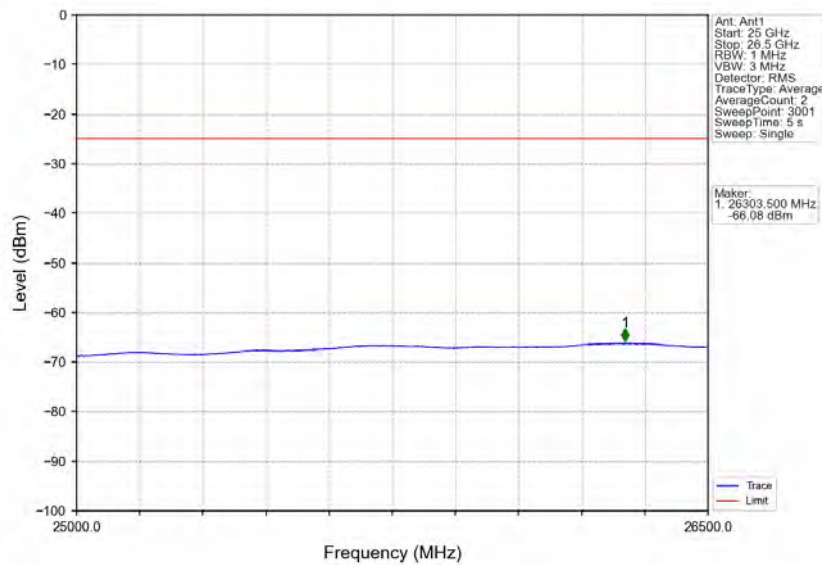
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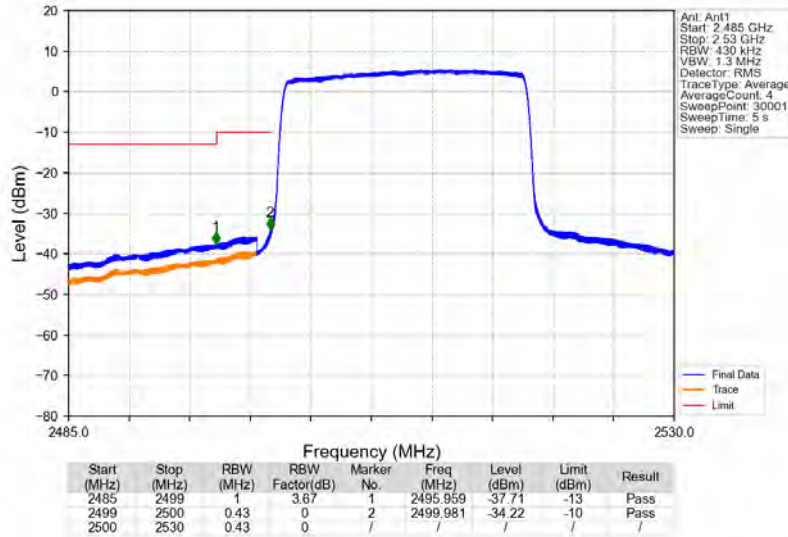
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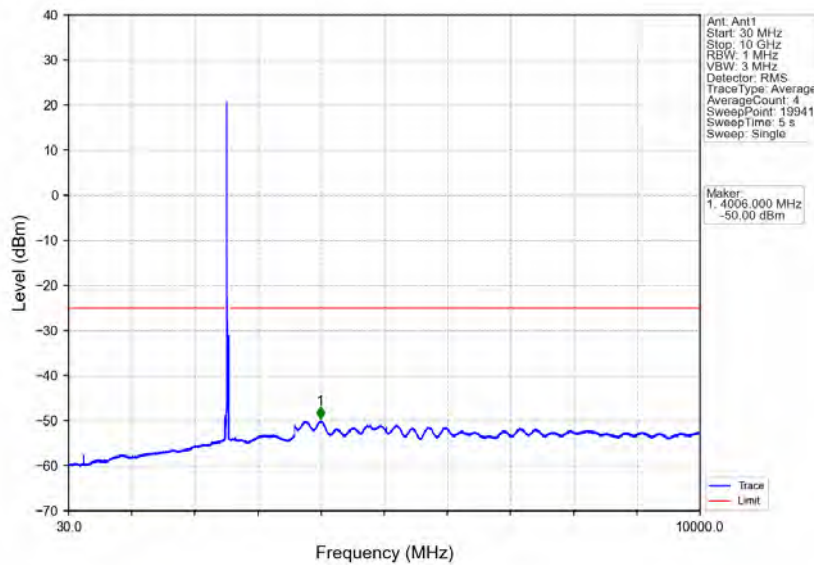
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Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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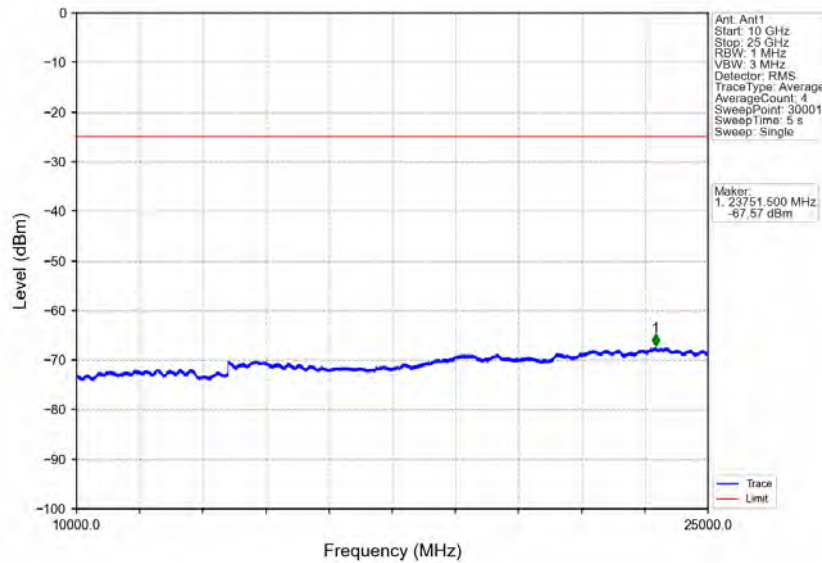
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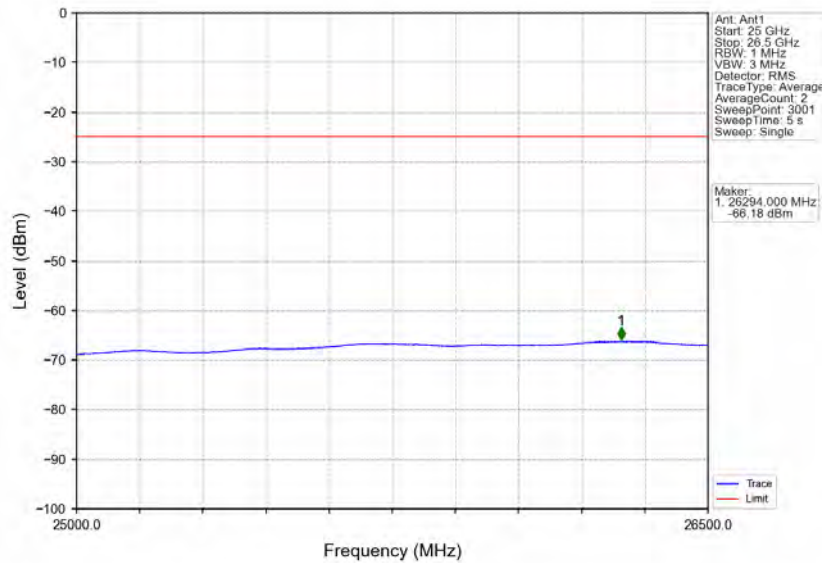


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EMC Laboratory

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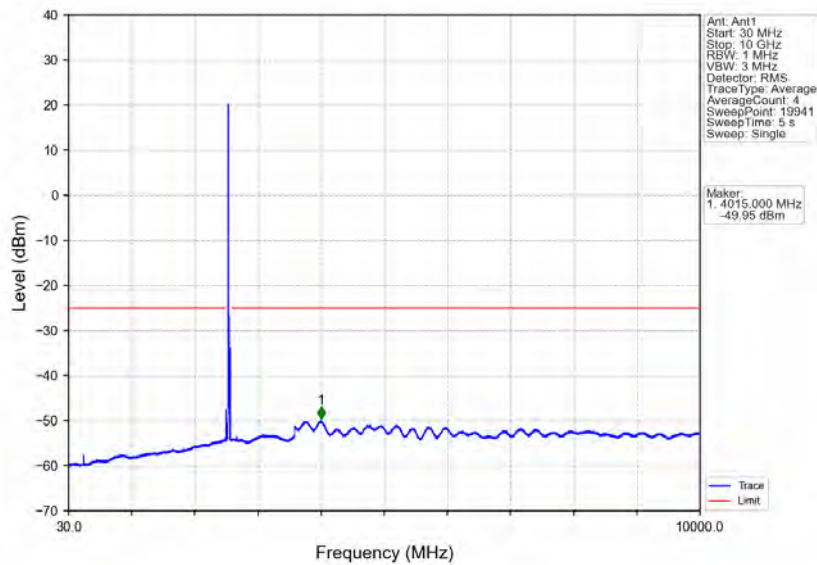
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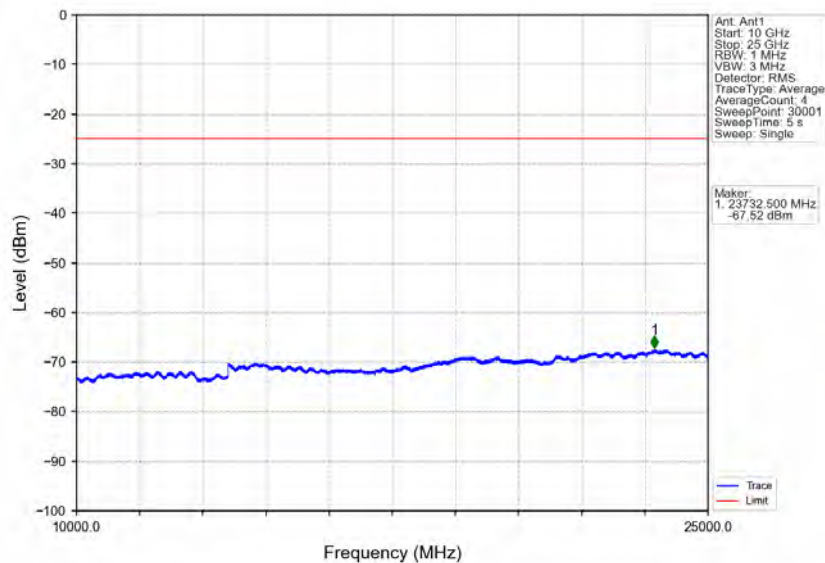
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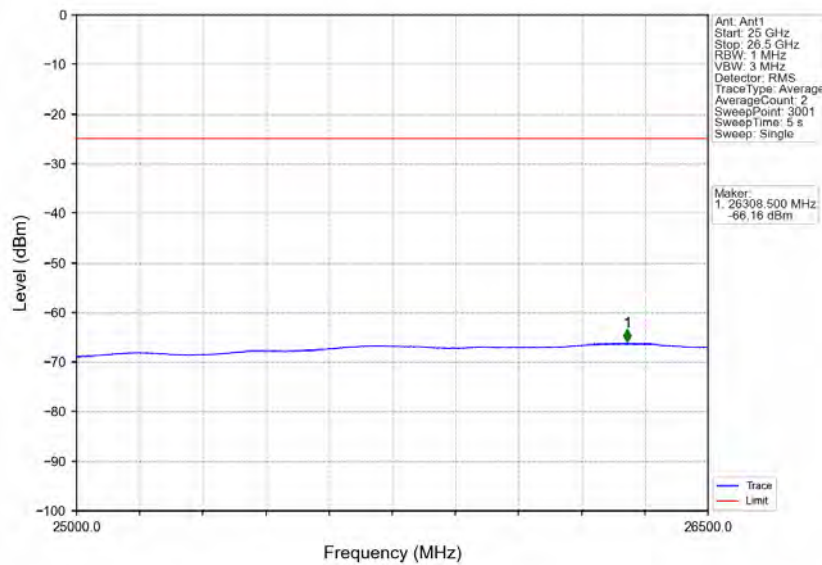
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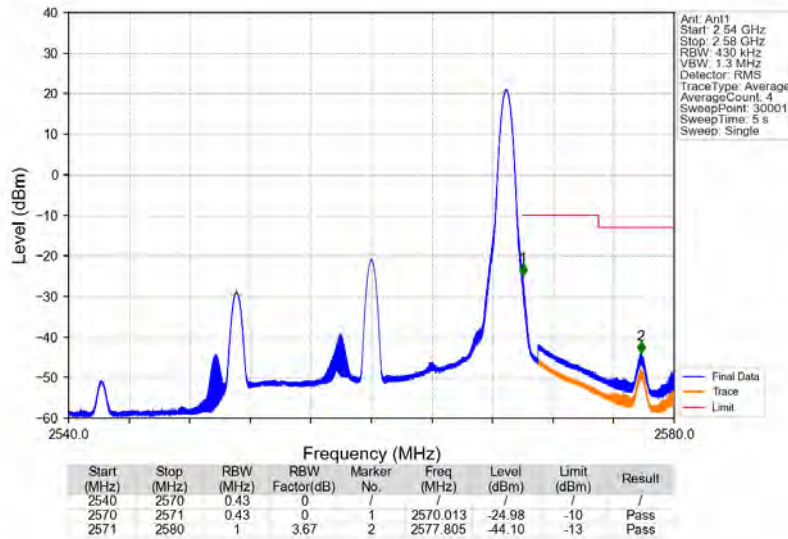
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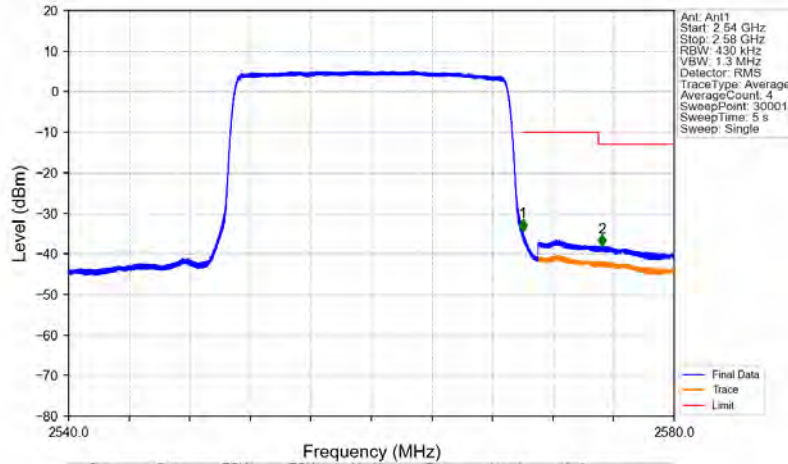
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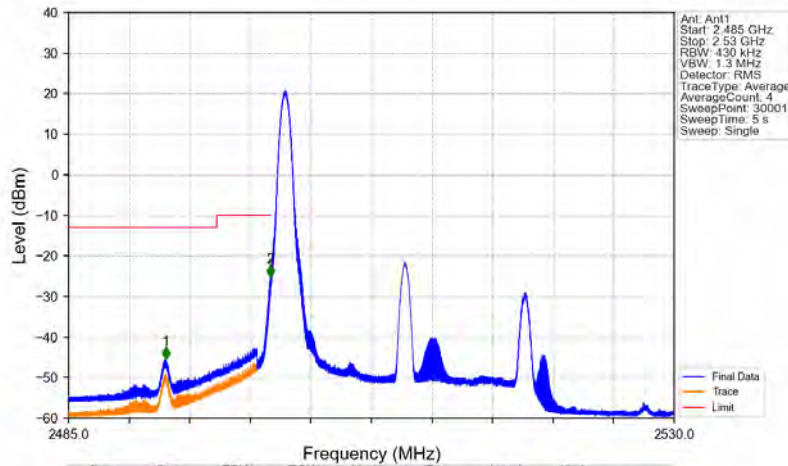
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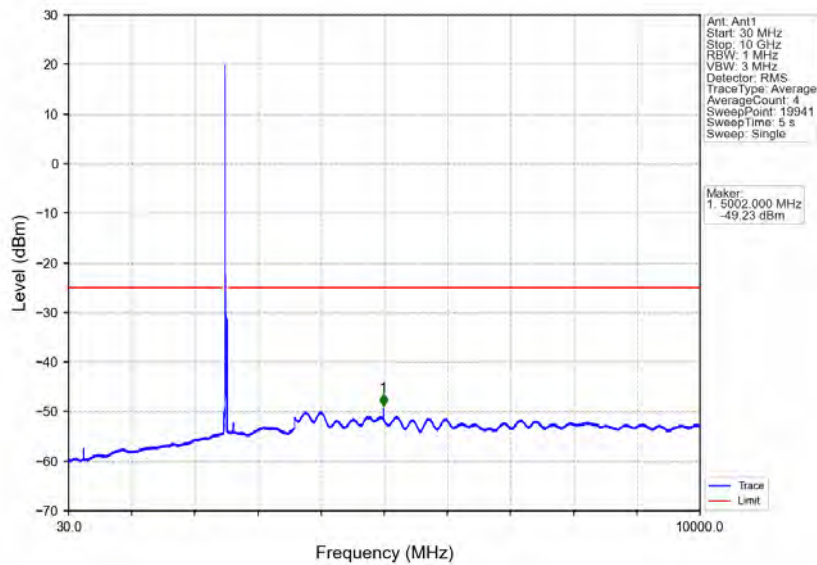
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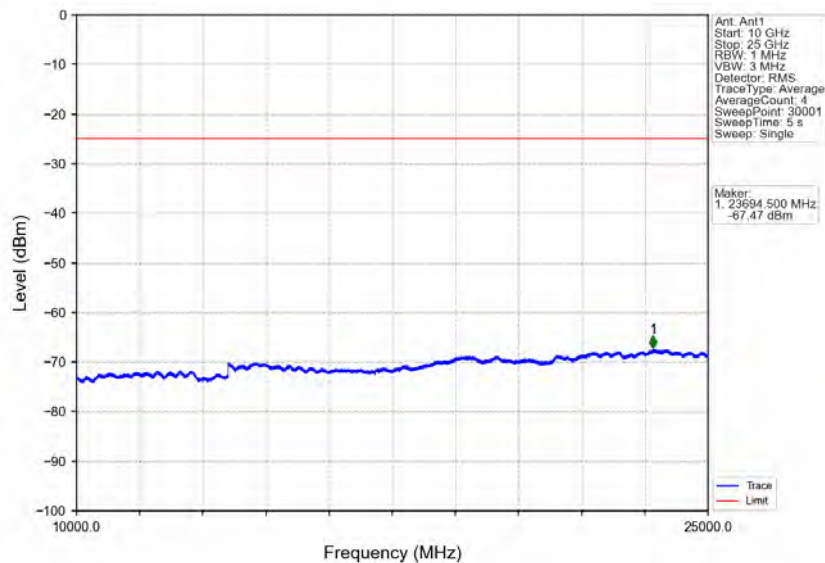
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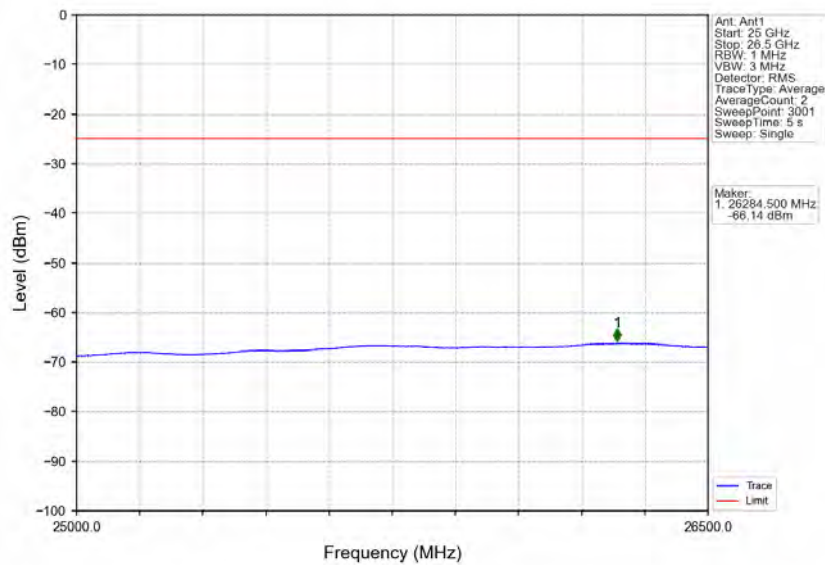
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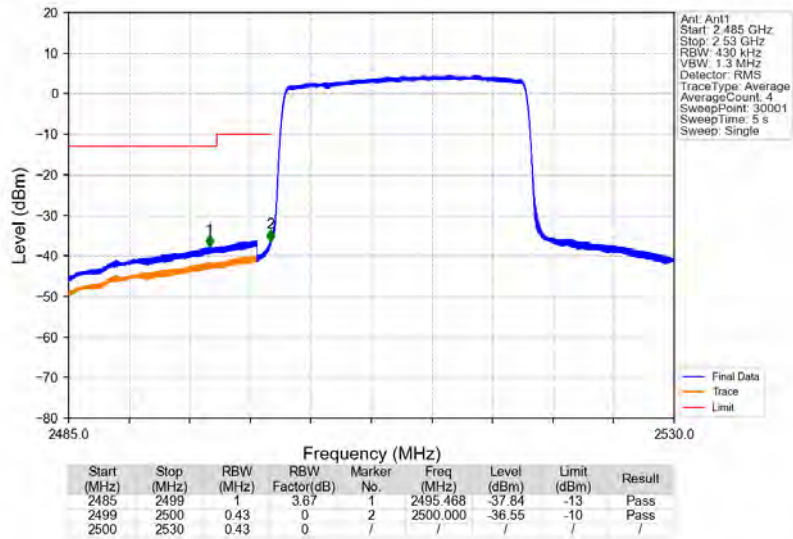
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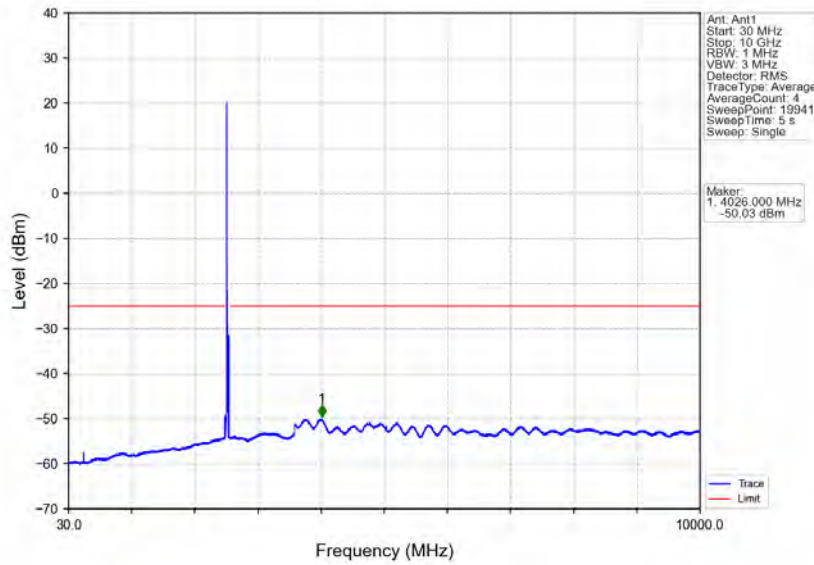
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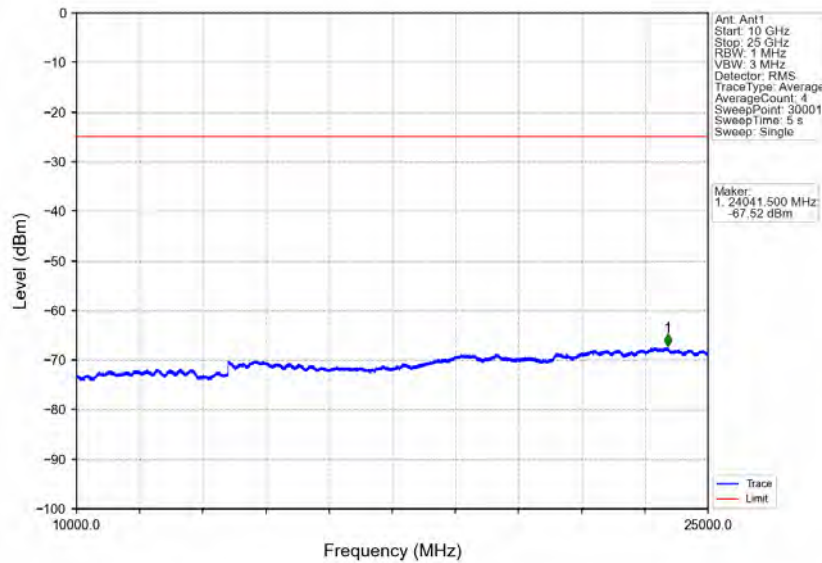
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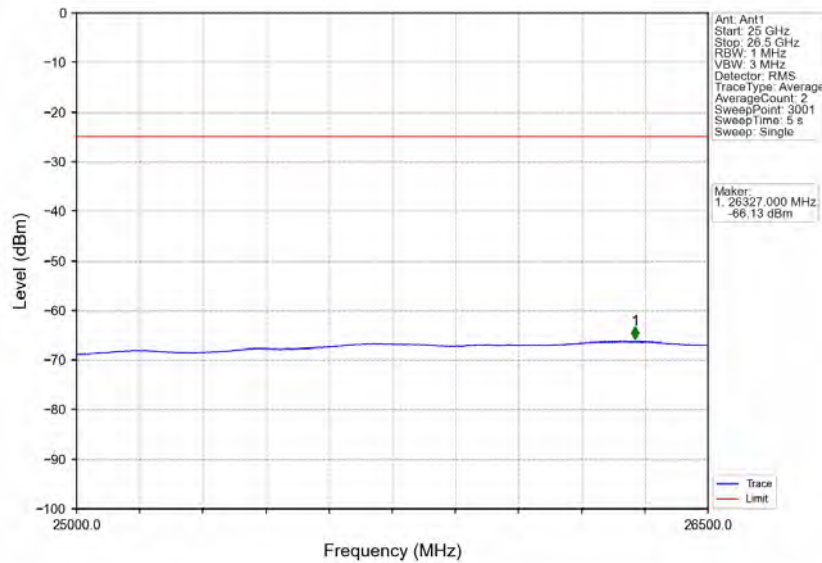
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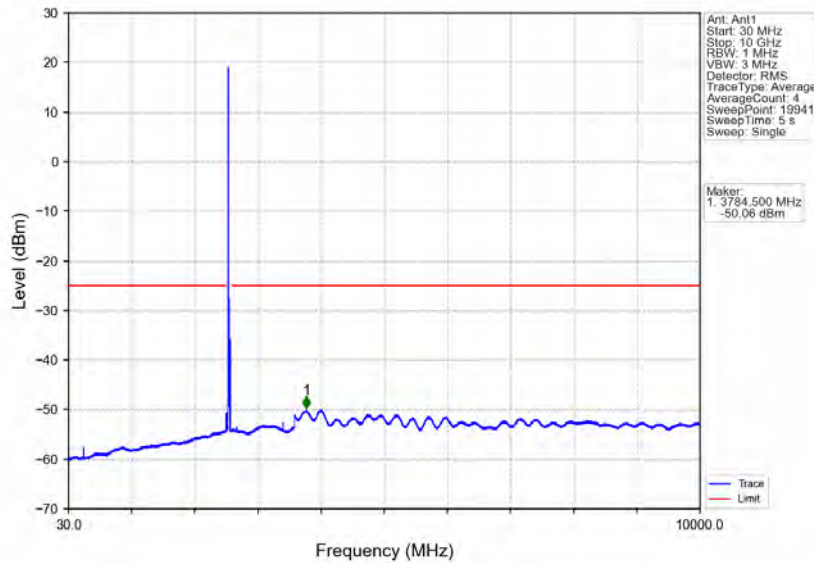
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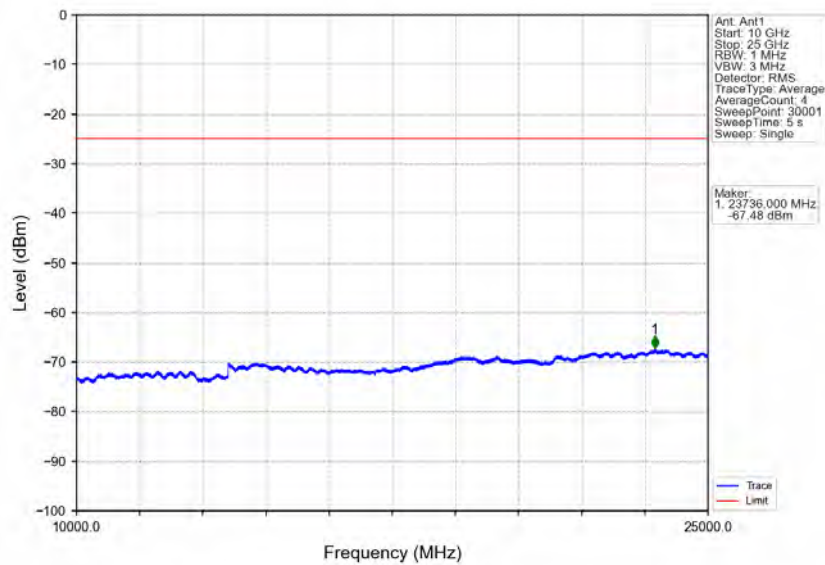
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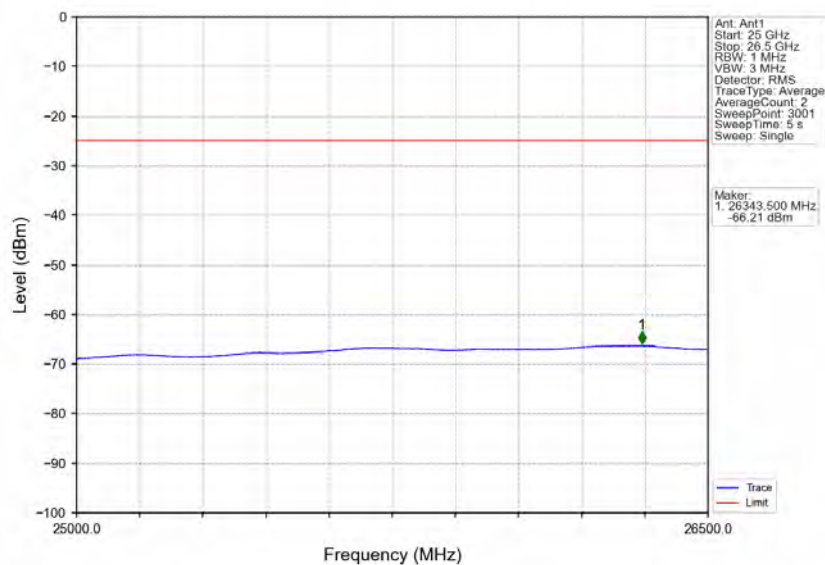
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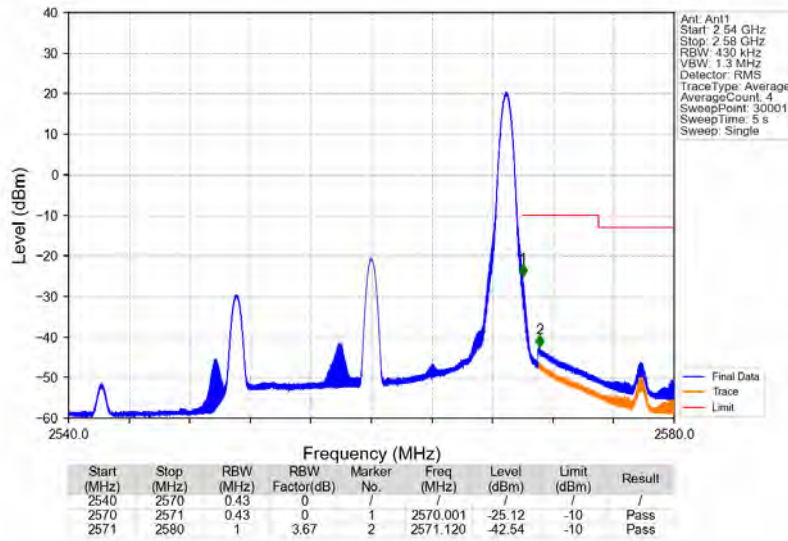
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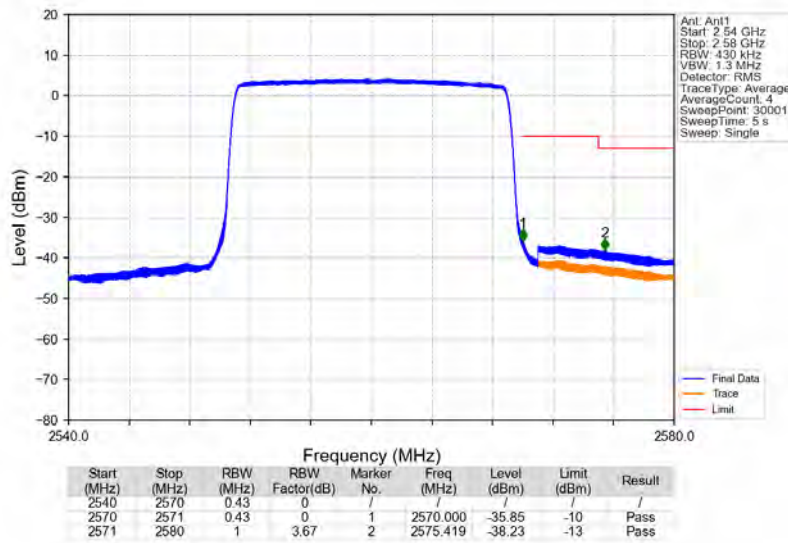
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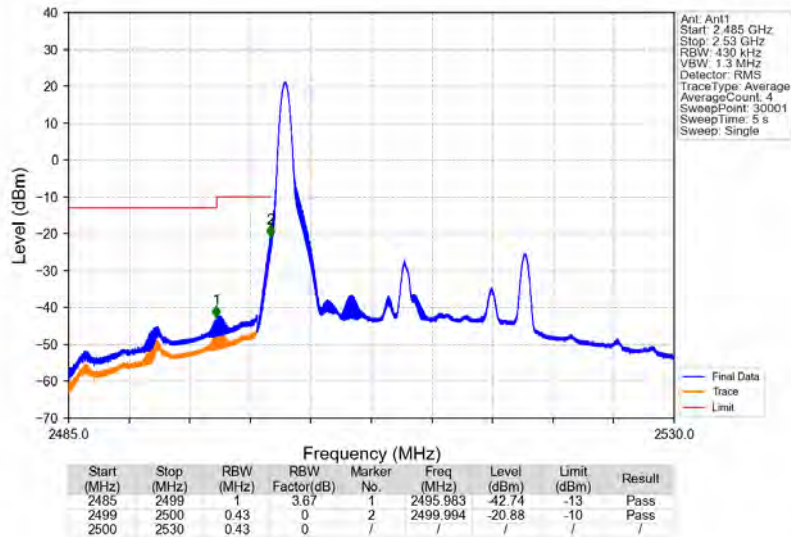
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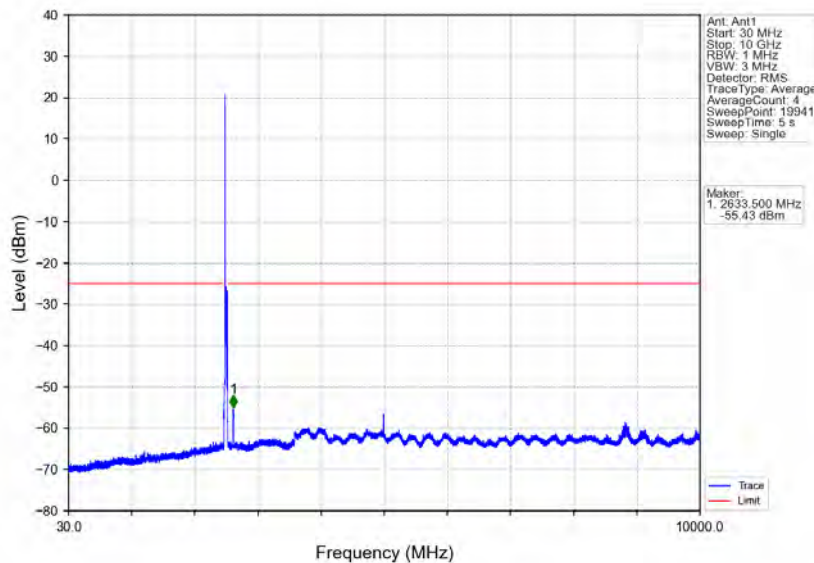
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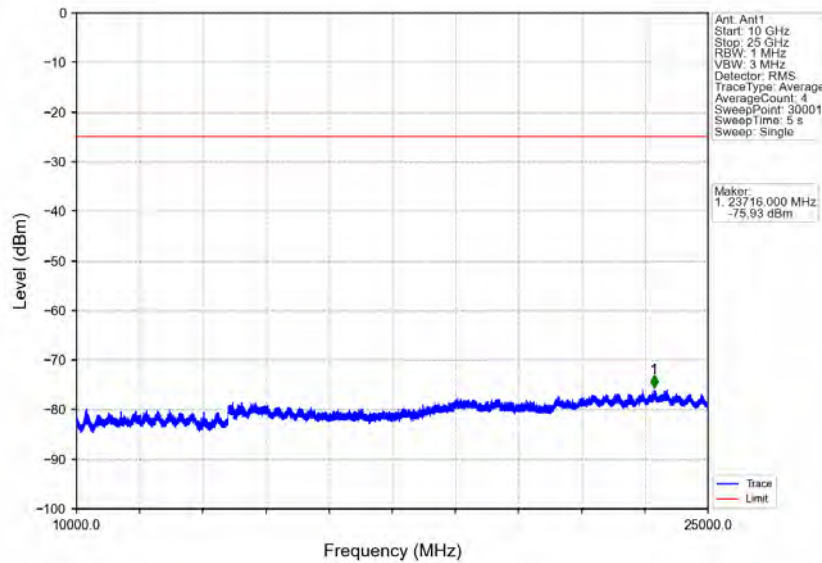
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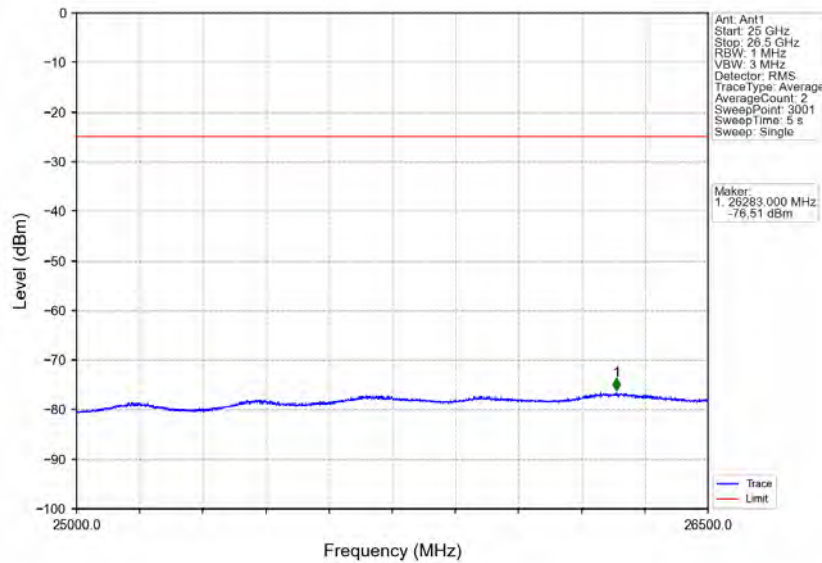
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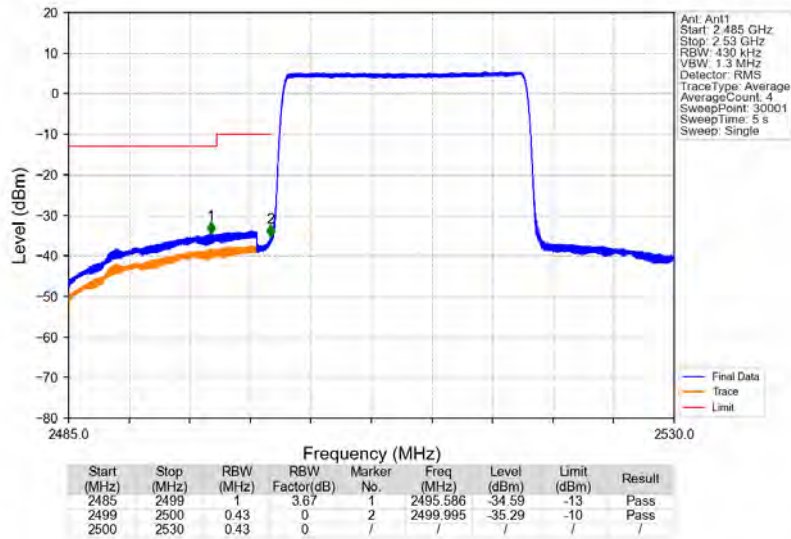
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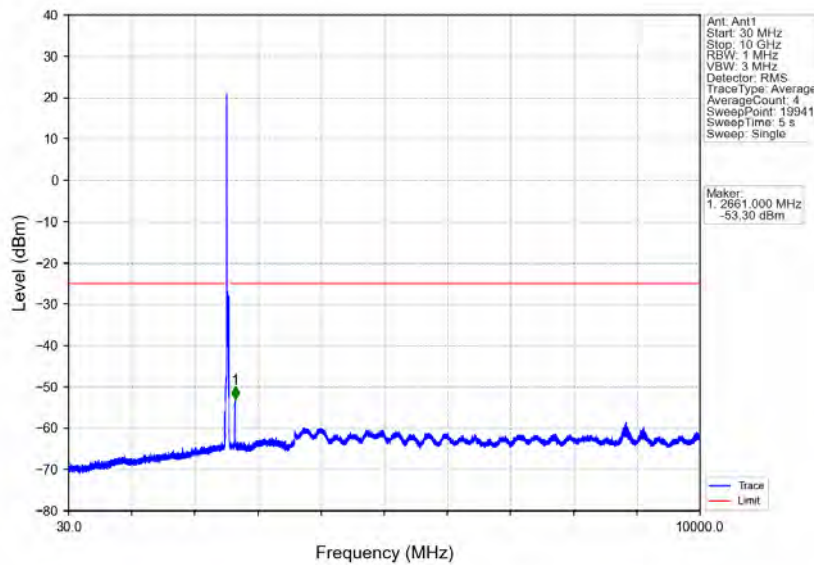
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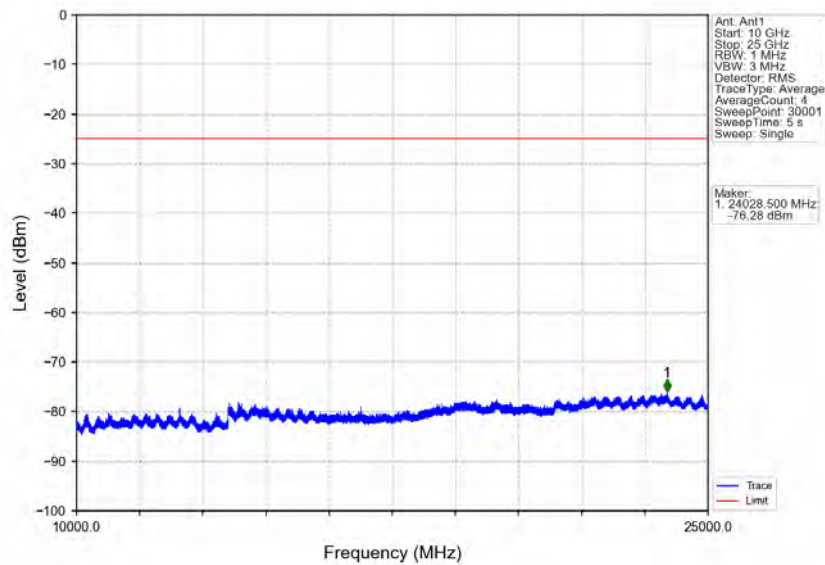
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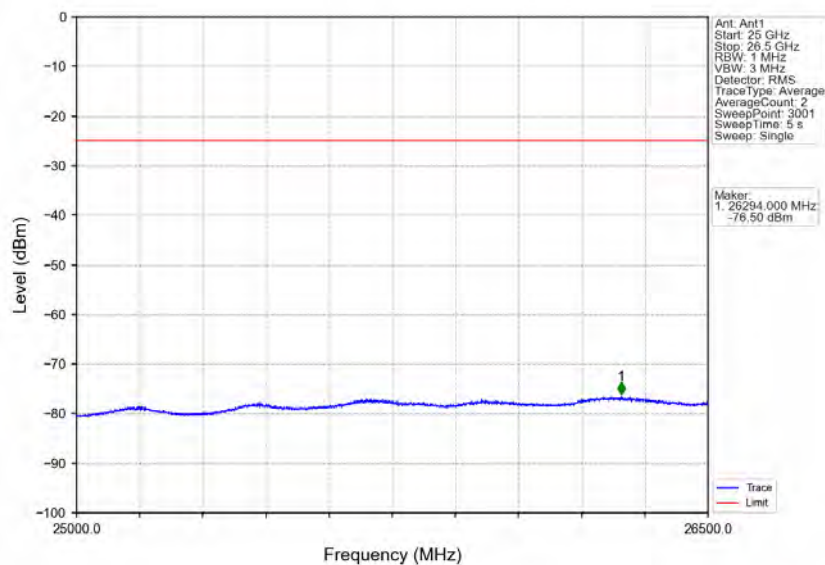


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EMC Laboratory

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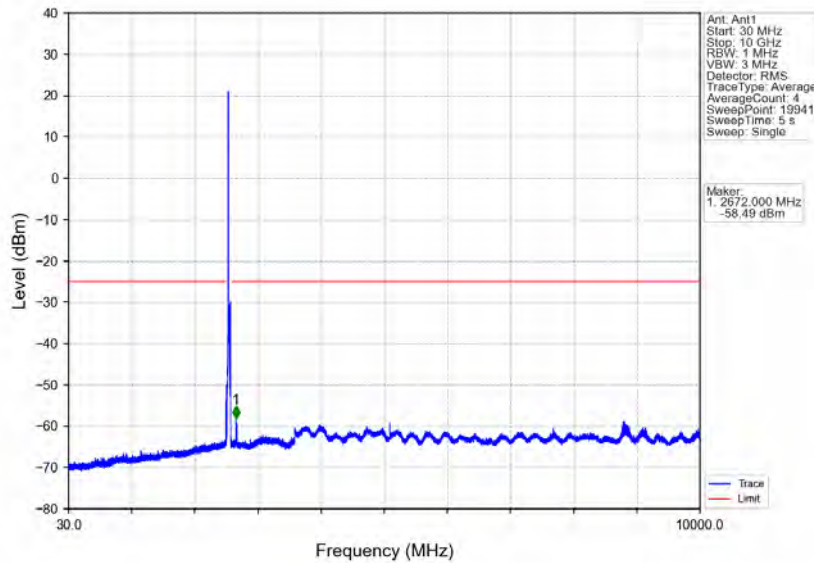
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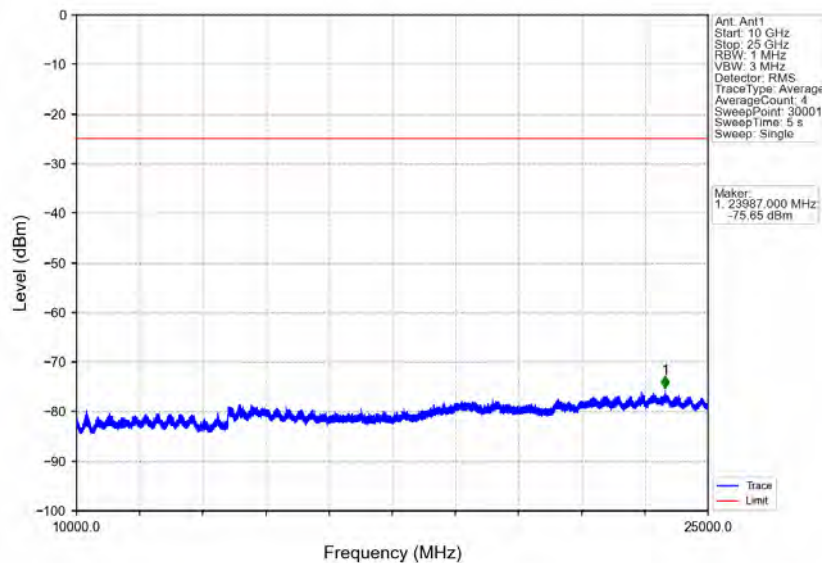
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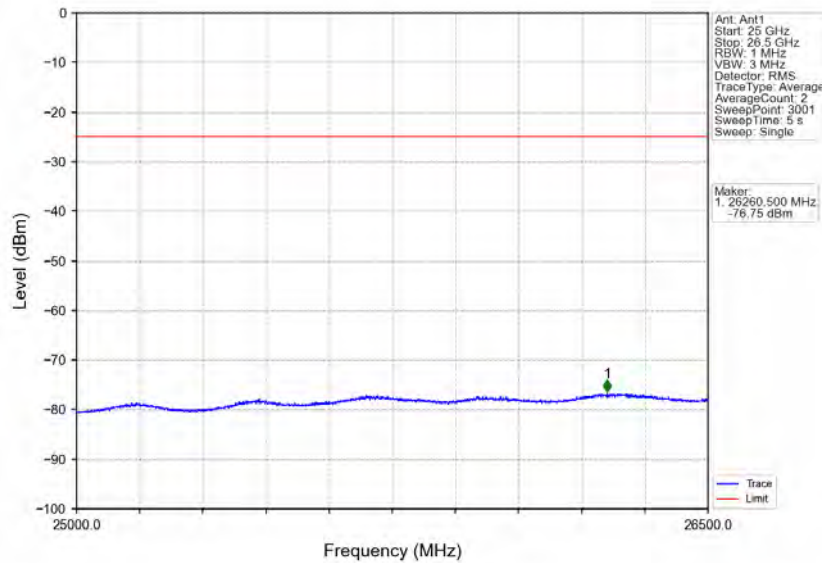
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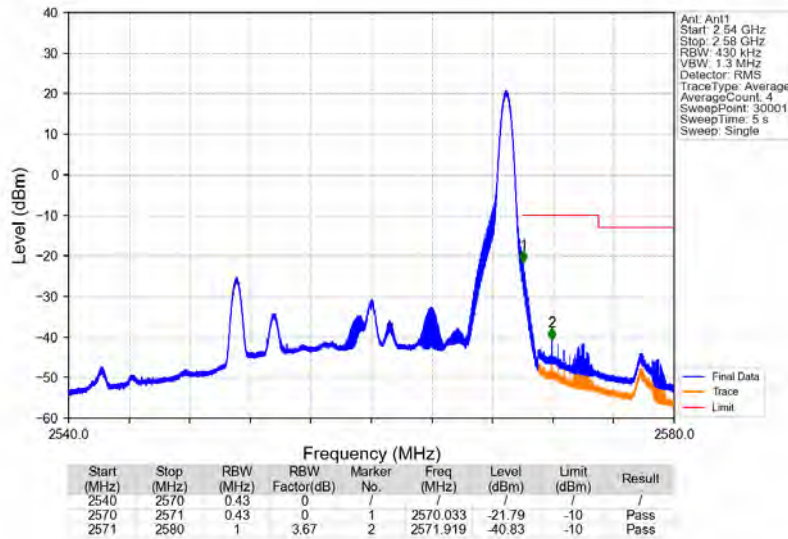
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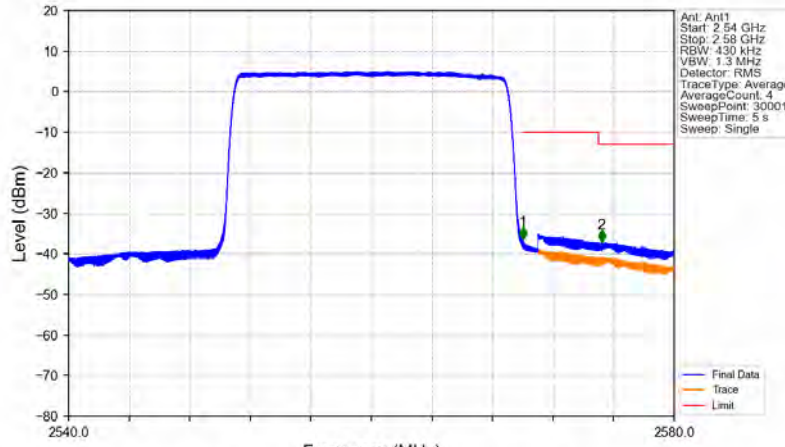
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.43	0	/	/	/	/	/
2570	2571	0.43	0	1	2570.007	-36.49	-10	Pass
2571	2580	1	3.67	2	2575.209	-37.12	-13	Pass



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