



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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Appendix B.9

LTE Band 7



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result_Ant1

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	24.29	-0.20	24.09	<=33.01	Pass
			13	24.45	-0.20	24.25	<=33.01	Pass
			24	24.30	-0.20	24.10	<=33.01	Pass
		12	0	23.39	-0.20	23.19	<=33.01	Pass
			6	23.46	-0.20	23.26	<=33.01	Pass
			13	23.48	-0.20	23.28	<=33.01	Pass
		25	0	23.46	-0.20	23.26	<=33.01	Pass
	2535	1	0	24.29	-0.20	24.09	<=33.01	Pass
			13	24.40	-0.20	24.20	<=33.01	Pass
			24	24.28	-0.20	24.08	<=33.01	Pass
		12	0	23.39	-0.20	23.19	<=33.01	Pass
			6	23.40	-0.20	23.20	<=33.01	Pass
			13	23.32	-0.20	23.12	<=33.01	Pass
		25	0	23.33	-0.20	23.13	<=33.01	Pass
	2567.5	1	0	24.34	-0.20	24.14	<=33.01	Pass
			13	24.45	-0.20	24.25	<=33.01	Pass
			24	24.33	-0.20	24.13	<=33.01	Pass
		12	0	23.37	-0.20	23.17	<=33.01	Pass
			6	23.44	-0.20	23.24	<=33.01	Pass
			13	23.35	-0.20	23.15	<=33.01	Pass
		25	0	23.36	-0.20	23.16	<=33.01	Pass
16QAM	2502.5	1	0	23.18	-0.20	22.98	<=33.01	Pass
			13	23.30	-0.20	23.10	<=33.01	Pass
			24	23.19	-0.20	22.99	<=33.01	Pass
		12	0	22.44	-0.20	22.24	<=33.01	Pass
			6	22.50	-0.20	22.30	<=33.01	Pass
			13	22.46	-0.20	22.26	<=33.01	Pass
		25	0	22.52	-0.20	22.32	<=33.01	Pass
	2535	1	0	23.47	-0.20	23.27	<=33.01	Pass
			13	23.60	-0.20	23.40	<=33.01	Pass
			24	23.46	-0.20	23.26	<=33.01	Pass
		12	0	22.36	-0.20	22.16	<=33.01	Pass
			6	22.38	-0.20	22.18	<=33.01	Pass
			13	22.33	-0.20	22.13	<=33.01	Pass
		25	0	22.30	-0.20	22.10	<=33.01	Pass
	2567.5	1	0	23.41	-0.20	23.21	<=33.01	Pass
			13	23.50	-0.20	23.30	<=33.01	Pass
			24	23.35	-0.20	23.15	<=33.01	Pass
		12	0	22.33	-0.20	22.13	<=33.01	Pass



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			6	22.37	-0.20	22.17	<=33.01	Pass		
			13	22.28	-0.20	22.08	<=33.01	Pass		
		25	0	22.37	-0.20	22.17	<=33.01	Pass		
64QAM	2502.5	1	0	22.29	-0.20	22.09	<=33.01	Pass		
			13	22.43	-0.20	22.23	<=33.01	Pass		
			24	22.33	-0.20	22.13	<=33.01	Pass		
		12	0	21.30	-0.20	21.10	<=33.01	Pass		
			6	21.37	-0.20	21.17	<=33.01	Pass		
			13	21.35	-0.20	21.15	<=33.01	Pass		
		25	0	21.38	-0.20	21.18	<=33.01	Pass		
		2535	1	0	22.37	-0.20	22.17	<=33.01	Pass	
				13	22.46	-0.20	22.26	<=33.01	Pass	
	24			22.37	-0.20	22.17	<=33.01	Pass		
	12		0	21.22	-0.20	21.02	<=33.01	Pass		
			6	21.26	-0.20	21.06	<=33.01	Pass		
			13	21.18	-0.20	20.98	<=33.01	Pass		
	25		0	21.27	-0.20	21.07	<=33.01	Pass		
	2567.5		1	0	22.43	-0.20	22.23	<=33.01	Pass	
				13	22.54	-0.20	22.34	<=33.01	Pass	
		24		22.40	-0.20	22.20	<=33.01	Pass		
		12	0	21.33	-0.20	21.13	<=33.01	Pass		
			6	21.37	-0.20	21.17	<=33.01	Pass		
			13	21.31	-0.20	21.11	<=33.01	Pass		
		25	0	21.23	-0.20	21.03	<=33.01	Pass		
		Note1: EIRP=Conducted Power+Antenna Gain								



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1.2 B7_10MHz_EIRP

1.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	24.37	-0.20	24.17	<=33.01	Pass
			25	24.53	-0.20	24.33	<=33.01	Pass
			49	24.33	-0.20	24.13	<=33.01	Pass
		25	0	23.47	-0.20	23.27	<=33.01	Pass
			13	23.50	-0.20	23.30	<=33.01	Pass
			25	23.59	-0.20	23.39	<=33.01	Pass
		50	0	23.49	-0.20	23.29	<=33.01	Pass
	2535	1	0	24.38	-0.20	24.18	<=33.01	Pass
			25	24.50	-0.20	24.30	<=33.01	Pass
			49	24.32	-0.20	24.12	<=33.01	Pass
		25	0	23.48	-0.20	23.28	<=33.01	Pass
			13	23.37	-0.20	23.17	<=33.01	Pass
			25	23.37	-0.20	23.17	<=33.01	Pass
		50	0	23.38	-0.20	23.18	<=33.01	Pass
	2565	1	0	24.38	-0.20	24.18	<=33.01	Pass
			25	24.60	-0.20	24.40	<=33.01	Pass
			49	24.44	-0.20	24.24	<=33.01	Pass
		25	0	23.41	-0.20	23.21	<=33.01	Pass
			13	23.41	-0.20	23.21	<=33.01	Pass
			25	23.38	-0.20	23.18	<=33.01	Pass
		50	0	23.44	-0.20	23.24	<=33.01	Pass
16QAM	2505	1	0	23.86	-0.20	23.66	<=33.01	Pass
			25	24.02	-0.20	23.82	<=33.01	Pass
			49	23.90	-0.20	23.70	<=33.01	Pass
		25	0	22.59	-0.20	22.39	<=33.01	Pass
			13	22.64	-0.20	22.44	<=33.01	Pass
			25	22.69	-0.20	22.49	<=33.01	Pass
		50	0	22.59	-0.20	22.39	<=33.01	Pass
	2535	1	0	23.48	-0.20	23.28	<=33.01	Pass
			25	23.63	-0.20	23.43	<=33.01	Pass
			49	23.49	-0.20	23.29	<=33.01	Pass
		25	0	22.40	-0.20	22.20	<=33.01	Pass
			13	22.38	-0.20	22.18	<=33.01	Pass
			25	22.36	-0.20	22.16	<=33.01	Pass
		50	0	22.40	-0.20	22.20	<=33.01	Pass
	2565	1	0	23.36	-0.20	23.16	<=33.01	Pass
			25	23.53	-0.20	23.33	<=33.01	Pass
			49	23.32	-0.20	23.12	<=33.01	Pass
		25	0	22.45	-0.20	22.25	<=33.01	Pass
			13	22.47	-0.20	22.27	<=33.01	Pass
			25	22.45	-0.20	22.25	<=33.01	Pass



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		50	0	22.40	-0.20	22.20	<=33.01	Pass	
64QAM	2505	1	0	22.65	-0.20	22.45	<=33.01	Pass	
			25	22.83	-0.20	22.63	<=33.01	Pass	
			49	22.61	-0.20	22.41	<=33.01	Pass	
			0	21.48	-0.20	21.28	<=33.01	Pass	
		25	13	21.52	-0.20	21.32	<=33.01	Pass	
			25	21.57	-0.20	21.37	<=33.01	Pass	
			50	0	21.48	-0.20	21.28	<=33.01	Pass
		2535	1	0	22.29	-0.20	22.09	<=33.01	Pass
				25	22.48	-0.20	22.28	<=33.01	Pass
	49			22.30	-0.20	22.10	<=33.01	Pass	
	25		0	21.42	-0.20	21.22	<=33.01	Pass	
			13	21.36	-0.20	21.16	<=33.01	Pass	
			25	21.35	-0.20	21.15	<=33.01	Pass	
	50		0	21.33	-0.20	21.13	<=33.01	Pass	
	2565		1	0	22.34	-0.20	22.14	<=33.01	Pass
				25	22.46	-0.20	22.26	<=33.01	Pass
		49		22.27	-0.20	22.07	<=33.01	Pass	
		25	0	21.38	-0.20	21.18	<=33.01	Pass	
			13	21.37	-0.20	21.17	<=33.01	Pass	
			25	21.38	-0.20	21.18	<=33.01	Pass	
		50	0	21.31	-0.20	21.11	<=33.01	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							



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1.3 B7_15MHz_EIRP

1.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	24.31	-0.20	24.11	<=33.01	Pass
			38	24.36	-0.20	24.16	<=33.01	Pass
			74	24.23	-0.20	24.03	<=33.01	Pass
		36	0	23.43	-0.20	23.23	<=33.01	Pass
			18	23.47	-0.20	23.27	<=33.01	Pass
			39	23.51	-0.20	23.31	<=33.01	Pass
		75	0	23.51	-0.20	23.31	<=33.01	Pass
	2535	1	0	24.35	-0.20	24.15	<=33.01	Pass
			38	24.40	-0.20	24.20	<=33.01	Pass
			74	24.20	-0.20	24.00	<=33.01	Pass
		36	0	23.55	-0.20	23.35	<=33.01	Pass
			18	23.50	-0.20	23.30	<=33.01	Pass
			39	23.46	-0.20	23.26	<=33.01	Pass
		75	0	23.49	-0.20	23.29	<=33.01	Pass
	2562.5	1	0	24.26	-0.20	24.06	<=33.01	Pass
			38	24.40	-0.20	24.20	<=33.01	Pass
			74	24.30	-0.20	24.10	<=33.01	Pass
		36	0	23.35	-0.20	23.15	<=33.01	Pass
			18	23.46	-0.20	23.26	<=33.01	Pass
			39	23.46	-0.20	23.26	<=33.01	Pass
		75	0	23.41	-0.20	23.21	<=33.01	Pass
16QAM	2507.5	1	0	23.82	-0.20	23.62	<=33.01	Pass
			38	23.91	-0.20	23.71	<=33.01	Pass
			74	23.78	-0.20	23.58	<=33.01	Pass
		36	0	22.41	-0.20	22.21	<=33.01	Pass
			18	22.46	-0.20	22.26	<=33.01	Pass
			39	22.55	-0.20	22.35	<=33.01	Pass
		75	0	22.46	-0.20	22.26	<=33.01	Pass
	2535	1	0	23.42	-0.20	23.22	<=33.01	Pass
			38	23.50	-0.20	23.30	<=33.01	Pass
			74	23.39	-0.20	23.19	<=33.01	Pass
		36	0	22.43	-0.20	22.23	<=33.01	Pass
			18	22.41	-0.20	22.21	<=33.01	Pass
			39	22.43	-0.20	22.23	<=33.01	Pass
		75	0	22.44	-0.20	22.24	<=33.01	Pass
	2562.5	1	0	23.66	-0.20	23.46	<=33.01	Pass
			38	23.69	-0.20	23.49	<=33.01	Pass
			74	23.51	-0.20	23.31	<=33.01	Pass
		36	0	22.30	-0.20	22.10	<=33.01	Pass
			18	22.39	-0.20	22.19	<=33.01	Pass
			39	22.36	-0.20	22.16	<=33.01	Pass



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		75	0	22.43	-0.20	22.23	<=33.01	Pass	
64QAM	2507.5	1	0	22.57	-0.20	22.37	<=33.01	Pass	
			38	22.69	-0.20	22.49	<=33.01	Pass	
			74	22.48	-0.20	22.28	<=33.01	Pass	
			0	21.32	-0.20	21.12	<=33.01	Pass	
		36	18	21.43	-0.20	21.23	<=33.01	Pass	
			39	21.48	-0.20	21.28	<=33.01	Pass	
			75	0	21.47	-0.20	21.27	<=33.01	Pass
		2535	1	0	22.24	-0.20	22.04	<=33.01	Pass
				38	22.32	-0.20	22.12	<=33.01	Pass
	74			22.25	-0.20	22.05	<=33.01	Pass	
	36		0	21.44	-0.20	21.24	<=33.01	Pass	
			18	21.42	-0.20	21.22	<=33.01	Pass	
			39	21.36	-0.20	21.16	<=33.01	Pass	
			75	0	21.40	-0.20	21.20	<=33.01	Pass
	2562.5		1	0	22.57	-0.20	22.37	<=33.01	Pass
				38	22.65	-0.20	22.45	<=33.01	Pass
		74		22.45	-0.20	22.25	<=33.01	Pass	
		36	0	21.27	-0.20	21.07	<=33.01	Pass	
			18	21.35	-0.20	21.15	<=33.01	Pass	
			39	21.30	-0.20	21.10	<=33.01	Pass	
		75	0	21.33	-0.20	21.13	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									



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1.4 B7_20MHz_EIRP

1.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	24.27	-0.20	24.07	<=33.01	Pass
			50	24.47	-0.20	24.27	<=33.01	Pass
			99	24.20	-0.20	24.00	<=33.01	Pass
		50	0	23.38	-0.20	23.18	<=33.01	Pass
			25	23.50	-0.20	23.30	<=33.01	Pass
			50	23.48	-0.20	23.28	<=33.01	Pass
		100	0	23.45	-0.20	23.25	<=33.01	Pass
			0	24.32	-0.20	24.12	<=33.01	Pass
			50	24.53	-0.20	24.33	<=33.01	Pass
	2535	1	0	24.32	-0.20	24.12	<=33.01	Pass
			50	24.53	-0.20	24.33	<=33.01	Pass
			99	24.18	-0.20	23.98	<=33.01	Pass
		50	0	23.44	-0.20	23.24	<=33.01	Pass
			25	23.40	-0.20	23.20	<=33.01	Pass
			50	23.32	-0.20	23.12	<=33.01	Pass
		100	0	23.44	-0.20	23.24	<=33.01	Pass
			0	24.25	-0.20	24.05	<=33.01	Pass
			50	24.47	-0.20	24.27	<=33.01	Pass
	2560	1	0	24.20	-0.20	24.00	<=33.01	Pass
			0	23.30	-0.20	23.10	<=33.01	Pass
			25	23.40	-0.20	23.20	<=33.01	Pass
		50	0	23.35	-0.20	23.15	<=33.01	Pass
			25	23.33	-0.20	23.13	<=33.01	Pass
			50	23.33	-0.20	23.13	<=33.01	Pass
		100	0	23.33	-0.20	23.13	<=33.01	Pass
			0	23.52	-0.20	23.32	<=33.01	Pass
			50	23.84	-0.20	23.64	<=33.01	Pass
16QAM	2510	1	0	23.52	-0.20	23.32	<=33.01	Pass
			50	23.84	-0.20	23.64	<=33.01	Pass
			99	23.42	-0.20	23.22	<=33.01	Pass
		50	0	22.41	-0.20	22.21	<=33.01	Pass
			25	22.51	-0.20	22.31	<=33.01	Pass
			50	22.51	-0.20	22.31	<=33.01	Pass
		100	0	22.49	-0.20	22.29	<=33.01	Pass
			0	23.41	-0.20	23.21	<=33.01	Pass
			50	23.64	-0.20	23.44	<=33.01	Pass
	2535	1	0	23.64	-0.20	23.44	<=33.01	Pass
			50	23.36	-0.20	23.16	<=33.01	Pass
			99	23.36	-0.20	23.16	<=33.01	Pass
		50	0	22.40	-0.20	22.20	<=33.01	Pass
			25	22.41	-0.20	22.21	<=33.01	Pass
			50	22.28	-0.20	22.08	<=33.01	Pass
		100	0	22.41	-0.20	22.21	<=33.01	Pass
			0	23.86	-0.20	23.66	<=33.01	Pass
			50	24.02	-0.20	23.82	<=33.01	Pass
	2560	1	0	23.64	-0.20	23.44	<=33.01	Pass
			0	22.29	-0.20	22.09	<=33.01	Pass
			25	22.40	-0.20	22.20	<=33.01	Pass
		50	0	22.32	-0.20	22.12	<=33.01	Pass
			25	22.32	-0.20	22.12	<=33.01	Pass
			50	22.32	-0.20	22.12	<=33.01	Pass



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		100	0	22.35	-0.20	22.15	<=33.01	Pass	
64QAM	2510	1	0	22.45	-0.20	22.25	<=33.01	Pass	
			50	22.66	-0.20	22.46	<=33.01	Pass	
			99	22.29	-0.20	22.09	<=33.01	Pass	
			0	21.36	-0.20	21.16	<=33.01	Pass	
		50	25	21.45	-0.20	21.25	<=33.01	Pass	
			50	21.44	-0.20	21.24	<=33.01	Pass	
			100	0	21.42	-0.20	21.22	<=33.01	Pass
		2535	1	0	22.41	-0.20	22.21	<=33.01	Pass
				50	22.70	-0.20	22.50	<=33.01	Pass
	99			22.42	-0.20	22.22	<=33.01	Pass	
	50		0	21.29	-0.20	21.09	<=33.01	Pass	
			25	21.29	-0.20	21.09	<=33.01	Pass	
			50	21.21	-0.20	21.01	<=33.01	Pass	
	100		0	21.26	-0.20	21.06	<=33.01	Pass	
	2560	1	0	22.35	-0.20	22.15	<=33.01	Pass	
			50	22.53	-0.20	22.33	<=33.01	Pass	
			99	22.16	-0.20	21.96	<=33.01	Pass	
		50	0	21.27	-0.20	21.07	<=33.01	Pass	
			25	21.35	-0.20	21.15	<=33.01	Pass	
			50	21.29	-0.20	21.09	<=33.01	Pass	
		100	0	21.32	-0.20	21.12	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain



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2. Frequency Stability

2.1 B7_5MHz

2.1.1 Test Result

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.6	-10.271	-0.0041	/	Pass
					3.84	4.349	0.0017	/	Pass
					4.3	-12.774	-0.0051	/	Pass
				-30	3.84	-6.366	-0.0025	/	Pass
				-20	3.84	-12.388	-0.0050	/	Pass
				-10	3.84	-21.400	-0.0086	/	Pass
				0	3.84	-14.105	-0.0056	/	Pass
				10	3.84	1.874	0.0007	/	Pass
				30	3.84	-12.889	-0.0052	/	Pass
				40	3.84	-4.649	-0.0019	/	Pass
				50	3.84	8.497	0.0034	/	Pass
	2535	25	0	20	3.6	0.415	0.0002	/	Pass
					3.84	-11.516	-0.0045	/	Pass
					4.3	-8.111	-0.0032	/	Pass
				-30	3.84	-15.635	-0.0062	/	Pass
				-20	3.84	8.941	0.0035	/	Pass
				-10	3.84	-14.491	-0.0057	/	Pass
				0	3.84	10.414	0.0041	/	Pass
				10	3.84	-6.123	-0.0024	/	Pass
				30	3.84	-3.290	-0.0013	/	Pass
				40	3.84	8.154	0.0032	/	Pass
				50	3.84	-6.537	-0.0026	/	Pass
	2567.5	25	0	20	3.6	-4.678	-0.0018	/	Pass
					3.84	-1.645	-0.0006	/	Pass
					4.3	-15.879	-0.0062	/	Pass
				-30	3.84	2.747	0.0011	/	Pass
				-20	3.84	-0.987	-0.0004	/	Pass
				-10	3.84	-22.545	-0.0088	/	Pass
				0	3.84	3.433	0.0013	/	Pass
				10	3.84	6.666	0.0026	/	Pass
				30	3.84	3.519	0.0014	/	Pass
				40	3.84	3.390	0.0013	/	Pass
				50	3.84	1.245	0.0005	/	Pass
16QAM	2502.5	25	0	20	3.6	-1.516	-0.0006	/	Pass
					3.84	-16.651	-0.0067	/	Pass
					4.3	-18.911	-0.0076	/	Pass
				-30	3.84	-1.831	-0.0007	/	Pass
				-20	3.84	-12.689	-0.0051	/	Pass
				-10	3.84	3.190	0.0013	/	Pass



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64QAM				0	3.84	-20.428	-0.0082	/	Pass
				10	3.84	1.502	0.0006	/	Pass
				30	3.84	-10.643	-0.0043	/	Pass
				40	3.84	-13.618	-0.0054	/	Pass
				50	3.84	-8.340	-0.0033	/	Pass
	2535	25	0	20	3.6	5.608	0.0022	/	Pass
					3.84	4.148	0.0016	/	Pass
					4.3	-9.027	-0.0036	/	Pass
				-30	3.84	-1.874	-0.0007	/	Pass
				-20	3.84	-6.824	-0.0027	/	Pass
				-10	3.84	-0.343	-0.0001	/	Pass
				0	3.84	14.834	0.0059	/	Pass
				10	3.84	-18.082	-0.0071	/	Pass
				30	3.84	-8.011	-0.0032	/	Pass
				40	3.84	-7.195	-0.0028	/	Pass
				50	3.84	-6.509	-0.0026	/	Pass
	2567.5	25	0	20	3.6	-6.981	-0.0027	/	Pass
					3.84	-9.384	-0.0037	/	Pass
					4.3	3.476	0.0014	/	Pass
				-30	3.84	-8.769	-0.0034	/	Pass
				-20	3.84	-0.572	-0.0002	/	Pass
				-10	3.84	-8.526	-0.0033	/	Pass
				0	3.84	-11.716	-0.0046	/	Pass
				10	3.84	-3.276	-0.0013	/	Pass
				30	3.84	-10.729	-0.0042	/	Pass
				40	3.84	-8.998	-0.0035	/	Pass
				50	3.84	-7.939	-0.0031	/	Pass
	2502.5	25	0	20	3.6	-9.627	-0.0038	/	Pass
					3.84	-0.315	-0.0001	/	Pass
					4.3	-1.745	-0.0007	/	Pass
				-30	3.84	-0.858	-0.0003	/	Pass
				-20	3.84	-3.004	-0.0012	/	Pass
				-10	3.84	8.740	0.0035	/	Pass
				0	3.84	-11.830	-0.0047	/	Pass
				10	3.84	-5.522	-0.0022	/	Pass
				30	3.84	0.358	0.0001	/	Pass
				40	3.84	-2.847	-0.0011	/	Pass
				50	3.84	6.094	0.0024	/	Pass
	2535	25	0	20	3.6	-9.184	-0.0036	/	Pass
					3.84	4.292	0.0017	/	Pass
					4.3	-12.345	-0.0049	/	Pass
				-30	3.84	-10.614	-0.0042	/	Pass
				-20	3.84	-2.532	-0.0010	/	Pass
				-10	3.84	9.041	0.0036	/	Pass
				0	3.84	3.948	0.0016	/	Pass
				10	3.84	1.531	0.0006	/	Pass
				30	3.84	5.751	0.0023	/	Pass
				40	3.84	0.515	0.0002	/	Pass
				50	3.84	4.964	0.0020	/	Pass



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2567.5	25	0	20	3.6	-3.633	-0.0014	/	Pass
				3.84	-4.549	-0.0018	/	Pass
				4.3	-3.977	-0.0015	/	Pass
			-30	3.84	-6.895	-0.0027	/	Pass
			-20	3.84	3.862	0.0015	/	Pass
			-10	3.84	-1.760	-0.0007	/	Pass
			0	3.84	2.575	0.0010	/	Pass
			10	3.84	-11.115	-0.0043	/	Pass
			30	3.84	-3.519	-0.0014	/	Pass
			40	3.84	12.789	0.0050	/	Pass
			50	3.84	-4.935	-0.0019	/	Pass



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2.2 B7_10MHz

2.2.1 Test Result

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.6	-14.634	-0.0058	/	Pass
					3.84	-5.035	-0.0020	/	Pass
					4.3	-6.180	-0.0025	/	Pass
				-30	3.84	4.077	0.0016	/	Pass
				-20	3.84	-7.997	-0.0032	/	Pass
				-10	3.84	1.302	0.0005	/	Pass
				0	3.84	-5.679	-0.0023	/	Pass
				10	3.84	2.604	0.0010	/	Pass
				30	3.84	-10.858	-0.0043	/	Pass
				40	3.84	-9.713	-0.0039	/	Pass
				50	3.84	-11.001	-0.0044	/	Pass
	2535	50	0	20	3.6	-1.931	-0.0008	/	Pass
					3.84	1.330	0.0005	/	Pass
					4.3	-2.146	-0.0008	/	Pass
				-30	3.84	0.014	0.0000	/	Pass
				-20	3.84	-1.059	-0.0004	/	Pass
				-10	3.84	-11.888	-0.0047	/	Pass
				0	3.84	-9.828	-0.0039	/	Pass
				10	3.84	-6.294	-0.0025	/	Pass
				30	3.84	2.031	0.0008	/	Pass
				40	3.84	-5.479	-0.0022	/	Pass
				50	3.84	-4.063	-0.0016	/	Pass
	2565	50	0	20	3.6	-7.024	-0.0027	/	Pass
					3.84	-4.649	-0.0018	/	Pass
					4.3	-9.813	-0.0038	/	Pass
				-30	3.84	3.405	0.0013	/	Pass
				-20	3.84	-9.928	-0.0039	/	Pass
				-10	3.84	-5.035	-0.0020	/	Pass
				0	3.84	-13.547	-0.0053	/	Pass
				10	3.84	-7.939	-0.0031	/	Pass
				30	3.84	-16.394	-0.0064	/	Pass
				40	3.84	-8.597	-0.0034	/	Pass
				50	3.84	-4.048	-0.0016	/	Pass
16QAM	2505	50	0	20	3.6	-1.888	-0.0008	/	Pass
					3.84	-0.157	-0.0001	/	Pass
					4.3	-10.400	-0.0042	/	Pass
				-30	3.84	-6.437	-0.0026	/	Pass
				-20	3.84	-3.548	-0.0014	/	Pass
				-10	3.84	-4.406	-0.0018	/	Pass
				0	3.84	-10.901	-0.0044	/	Pass
10	3.84	2.203	0.0009	/	Pass				



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64QAM	2535	50	0	30	3.84	-10.414	-0.0042	/	Pass
				40	3.84	-13.018	-0.0052	/	Pass
				50	3.84	4.792	0.0019	/	Pass
				20	3.6	3.018	0.0012	/	Pass
					3.84	-6.623	-0.0026	/	Pass
					4.3	3.848	0.0015	/	Pass
				-30	3.84	-4.649	-0.0018	/	Pass
				-20	3.84	-10.386	-0.0041	/	Pass
				-10	3.84	1.488	0.0006	/	Pass
				0	3.84	-12.159	-0.0048	/	Pass
				10	3.84	1.230	0.0005	/	Pass
				30	3.84	-1.101	-0.0004	/	Pass
	2565	50	0	40	3.84	-9.971	-0.0039	/	Pass
				50	3.84	-6.924	-0.0027	/	Pass
				20	3.6	-3.519	-0.0014	/	Pass
					3.84	0.143	0.0001	/	Pass
					4.3	-5.493	-0.0021	/	Pass
				-30	3.84	-12.646	-0.0049	/	Pass
				-20	3.84	-10.428	-0.0041	/	Pass
				-10	3.84	-7.782	-0.0030	/	Pass
				0	3.84	-10.729	-0.0042	/	Pass
				10	3.84	-3.219	-0.0013	/	Pass
				30	3.84	1.903	0.0007	/	Pass
				40	3.84	-3.448	-0.0013	/	Pass
				50	3.84	-1.988	-0.0008	/	Pass
	2505	50	0	20	3.6	-12.760	-0.0051	/	Pass
					3.84	-6.366	-0.0025	/	Pass
					4.3	-0.129	-0.0001	/	Pass
				-30	3.84	-3.161	-0.0013	/	Pass
				-20	3.84	3.891	0.0016	/	Pass
				-10	3.84	-12.317	-0.0049	/	Pass
				0	3.84	-7.968	-0.0032	/	Pass
				10	3.84	-0.515	-0.0002	/	Pass
				30	3.84	-10.843	-0.0043	/	Pass
				40	3.84	-12.488	-0.0050	/	Pass
				50	3.84	-6.094	-0.0024	/	Pass
	2535	50	0	20	3.6	0.901	0.0004	/	Pass
					3.84	-9.642	-0.0038	/	Pass
					4.3	-4.621	-0.0018	/	Pass
				-30	3.84	-1.302	-0.0005	/	Pass
				-20	3.84	-6.909	-0.0027	/	Pass
				-10	3.84	-9.198	-0.0036	/	Pass
				0	3.84	-6.723	-0.0027	/	Pass
				10	3.84	5.736	0.0023	/	Pass
				30	3.84	-5.150	-0.0020	/	Pass
				40	3.84	-8.140	-0.0032	/	Pass
				50	3.84	-6.123	-0.0024	/	Pass
	2565	50	0	20	3.6	-2.546	-0.0010	/	Pass
					3.84	-2.117	-0.0008	/	Pass



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				4.3	-4.735	-0.0018	/	Pass
			-30	3.84	-3.033	-0.0012	/	Pass
			-20	3.84	-0.787	-0.0003	/	Pass
			-10	3.84	-4.091	-0.0016	/	Pass
			0	3.84	1.717	0.0007	/	Pass
			10	3.84	-0.014	0.0000	/	Pass
			30	3.84	-13.862	-0.0054	/	Pass
			40	3.84	6.795	0.0026	/	Pass
			50	3.84	-4.520	-0.0018	/	Pass



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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	3.6	-2.275	-0.0009	/	Pass
					3.84	-2.232	-0.0009	/	Pass
					4.3	-7.796	-0.0031	/	Pass
				-30	3.84	6.309	0.0025	/	Pass
				-20	3.84	-3.533	-0.0014	/	Pass
				-10	3.84	-7.882	-0.0031	/	Pass
				0	3.84	-10.457	-0.0042	/	Pass
				10	3.84	-3.676	-0.0015	/	Pass
				30	3.84	-6.752	-0.0027	/	Pass
				40	3.84	-2.761	-0.0011	/	Pass
				50	3.84	0.315	0.0001	/	Pass
	2535	75	0	20	3.6	-8.183	-0.0032	/	Pass
					3.84	-2.503	-0.0010	/	Pass
					4.3	-5.751	-0.0023	/	Pass
				-30	3.84	1.431	0.0006	/	Pass
				-20	3.84	-13.304	-0.0052	/	Pass
				-10	3.84	-5.078	-0.0020	/	Pass
				0	3.84	-0.815	-0.0003	/	Pass
				10	3.84	-2.418	-0.0010	/	Pass
				30	3.84	5.636	0.0022	/	Pass
				40	3.84	-3.777	-0.0015	/	Pass
				50	3.84	-12.202	-0.0048	/	Pass
	2562.5	75	0	20	3.6	-12.875	-0.0050	/	Pass
					3.84	-12.074	-0.0047	/	Pass
					4.3	-9.556	-0.0037	/	Pass
				-30	3.84	5.322	0.0021	/	Pass
				-20	3.84	-6.108	-0.0024	/	Pass
				-10	3.84	-2.089	-0.0008	/	Pass
				0	3.84	-10.400	-0.0041	/	Pass
				10	3.84	-11.001	-0.0043	/	Pass
				30	3.84	-6.108	-0.0024	/	Pass
				40	3.84	-11.745	-0.0046	/	Pass
				50	3.84	-4.520	-0.0018	/	Pass
16QAM	2507.5	75	0	20	3.6	-14.133	-0.0056	/	Pass
					3.84	-9.513	-0.0038	/	Pass
					4.3	-13.289	-0.0053	/	Pass
				-30	3.84	-2.518	-0.0010	/	Pass
				-20	3.84	-11.172	-0.0045	/	Pass
				-10	3.84	-2.518	-0.0010	/	Pass
				0	3.84	-0.558	-0.0002	/	Pass
10	3.84	-7.682	-0.0031	/	Pass				



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	2535	75	0	20	30	3.84	-10.672	-0.0043	/	Pass		
					40	3.84	-14.176	-0.0057	/	Pass		
					50	3.84	-3.519	-0.0014	/	Pass		
							20	3.6	-0.672	-0.0003	/	Pass
								3.84	-8.240	-0.0033	/	Pass
								4.3	3.877	0.0015	/	Pass
							-30	3.84	-3.834	-0.0015	/	Pass
							-20	3.84	-4.005	-0.0016	/	Pass
							-10	3.84	3.433	0.0014	/	Pass
							0	3.84	-2.275	-0.0009	/	Pass
							10	3.84	-9.499	-0.0037	/	Pass
							30	3.84	-9.413	-0.0037	/	Pass
	40	3.84	-15.779	-0.0062	/	Pass						
	50	3.84	0.672	0.0003	/	Pass						
	2562.5	75	0	20	3.6	-11.129	-0.0043	/	Pass			
					3.84	-6.866	-0.0027	/	Pass			
					4.3	-6.409	-0.0025	/	Pass			
				-30	3.84	-6.208	-0.0024	/	Pass			
				-20	3.84	-2.418	-0.0009	/	Pass			
				-10	3.84	4.048	0.0016	/	Pass			
				0	3.84	4.749	0.0019	/	Pass			
				10	3.84	0.286	0.0001	/	Pass			
				30	3.84	-10.371	-0.0040	/	Pass			
				40	3.84	-4.463	-0.0017	/	Pass			
50				3.84	-1.416	-0.0006	/	Pass				

64QAM	2507.5	75	0	20	3.6	-4.535	-0.0018	/	Pass
					3.84	-6.752	-0.0027	/	Pass
					4.3	-2.403	-0.0010	/	Pass
				-30	3.84	-8.469	-0.0034	/	Pass
				-20	3.84	-4.077	-0.0016	/	Pass
				-10	3.84	-1.416	-0.0006	/	Pass
				0	3.84	-10.557	-0.0042	/	Pass
				10	3.84	-11.115	-0.0044	/	Pass
				30	3.84	-0.329	-0.0001	/	Pass
				40	3.84	0.987	0.0004	/	Pass
				50	3.84	1.831	0.0007	/	Pass
				2535	75	0	20	3.6	-9.270
	3.84	-1.917	-0.0008					/	Pass
	4.3	1.531	0.0006					/	Pass
	-30	3.84	-3.161				-0.0012	/	Pass
	-20	3.84	2.131				0.0008	/	Pass
	-10	3.84	-1.216				-0.0005	/	Pass
	0	3.84	1.745				0.0007	/	Pass
	10	3.84	-1.402				-0.0006	/	Pass
	30	3.84	-4.849				-0.0019	/	Pass
	40	3.84	-6.695				-0.0026	/	Pass
	50	3.84	-3.562				-0.0014	/	Pass
	2562.5	75	0				20	3.6	1.202
				3.84	-2.046	-0.0008		/	Pass



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				4.3	-10.829	-0.0042	/	Pass
				-30	3.84	-14.520	-0.0057	Pass
				-20	3.84	-2.718	-0.0011	Pass
				-10	3.84	2.775	0.0011	Pass
				0	3.84	-4.148	-0.0016	Pass
				10	3.84	-2.418	-0.0009	Pass
				30	3.84	-9.556	-0.0037	Pass
				40	3.84	-1.903	-0.0007	Pass
				50	3.84	-2.375	-0.0009	Pass



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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	3.6	-12.445	-0.0050	/	Pass
					3.84	-1.373	-0.0005	/	Pass
					4.3	2.131	0.0008	/	Pass
				-30	3.84	-4.220	-0.0017	/	Pass
				-20	3.84	-8.826	-0.0035	/	Pass
				-10	3.84	-8.497	-0.0034	/	Pass
				0	3.84	6.051	0.0024	/	Pass
				10	3.84	2.804	0.0011	/	Pass
				30	3.84	-4.864	-0.0019	/	Pass
				40	3.84	1.445	0.0006	/	Pass
				50	3.84	-2.074	-0.0008	/	Pass
	2535	100	0	20	3.6	-6.766	-0.0027	/	Pass
					3.84	-5.050	-0.0020	/	Pass
					4.3	-7.868	-0.0031	/	Pass
				-30	3.84	-12.875	-0.0051	/	Pass
				-20	3.84	-7.339	-0.0029	/	Pass
				-10	3.84	-10.157	-0.0040	/	Pass
				0	3.84	-13.289	-0.0052	/	Pass
				10	3.84	-16.851	-0.0066	/	Pass
				30	3.84	0.215	0.0001	/	Pass
				40	3.84	-7.496	-0.0030	/	Pass
				50	3.84	-6.194	-0.0024	/	Pass
	2560	100	0	20	3.6	-11.029	-0.0043	/	Pass
					3.84	0.701	0.0003	/	Pass
					4.3	4.849	0.0019	/	Pass
				-30	3.84	-7.682	-0.0030	/	Pass
				-20	3.84	-10.185	-0.0040	/	Pass
				-10	3.84	-14.033	-0.0055	/	Pass
				0	3.84	-6.280	-0.0025	/	Pass
				10	3.84	-2.446	-0.0010	/	Pass
				30	3.84	-9.112	-0.0036	/	Pass
				40	3.84	-3.934	-0.0015	/	Pass
				50	3.84	-20.227	-0.0079	/	Pass
16QAM	2510	100	0	20	3.6	1.459	0.0006	/	Pass
					3.84	0.129	0.0001	/	Pass
					4.3	-8.984	-0.0036	/	Pass
				-30	3.84	0.858	0.0003	/	Pass
				-20	3.84	-2.332	-0.0009	/	Pass
				-10	3.84	-4.592	-0.0018	/	Pass
				0	3.84	-0.744	-0.0003	/	Pass
				10	3.84	0.014	0.0000	/	Pass



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64QAM	2535	100	0	30	3.84	-0.100	0.0000	/	Pass
				40	3.84	-2.990	-0.0012	/	Pass
				50	3.84	-14.119	-0.0056	/	Pass
				20	3.6	-4.077	-0.0016	/	Pass
					3.84	-2.203	-0.0009	/	Pass
					4.3	-14.005	-0.0055	/	Pass
				-30	3.84	0.257	0.0001	/	Pass
				-20	3.84	-8.497	-0.0034	/	Pass
				-10	3.84	-0.372	-0.0001	/	Pass
				0	3.84	-4.964	-0.0020	/	Pass
				10	3.84	0.272	0.0001	/	Pass
				30	3.84	-13.604	-0.0054	/	Pass
				40	3.84	2.332	0.0009	/	Pass
				50	3.84	-4.020	-0.0016	/	Pass
	2560	100	0	20	3.6	-7.052	-0.0028	/	Pass
					3.84	-0.629	-0.0002	/	Pass
					4.3	-4.334	-0.0017	/	Pass
				-30	3.84	-9.885	-0.0039	/	Pass
				-20	3.84	-3.948	-0.0015	/	Pass
				-10	3.84	-7.911	-0.0031	/	Pass
				0	3.84	-7.896	-0.0031	/	Pass
				10	3.84	-4.091	-0.0016	/	Pass
				30	3.84	-13.576	-0.0053	/	Pass
				40	3.84	-4.878	-0.0019	/	Pass
				50	3.84	3.791	0.0015	/	Pass
	2510	100	0	20	3.6	0.558	0.0002	/	Pass
					3.84	1.788	0.0007	/	Pass
					4.3	-12.088	-0.0048	/	Pass
				-30	3.84	-5.021	-0.0020	/	Pass
				-20	3.84	0.587	0.0002	/	Pass
				-10	3.84	-3.948	-0.0016	/	Pass
				0	3.84	-0.429	-0.0002	/	Pass
				10	3.84	-6.595	-0.0026	/	Pass
				30	3.84	-5.150	-0.0021	/	Pass
				40	3.84	-5.193	-0.0021	/	Pass
				50	3.84	2.847	0.0011	/	Pass
	2535	100	0	20	3.6	-2.604	-0.0010	/	Pass
					3.84	3.934	0.0016	/	Pass
					4.3	-11.616	-0.0046	/	Pass
				-30	3.84	-4.377	-0.0017	/	Pass
				-20	3.84	-8.984	-0.0035	/	Pass
				-10	3.84	1.216	0.0005	/	Pass
				0	3.84	-1.330	-0.0005	/	Pass
				10	3.84	-9.627	-0.0038	/	Pass
				30	3.84	-11.044	-0.0044	/	Pass
				40	3.84	-0.114	0.0000	/	Pass
				50	3.84	-8.197	-0.0032	/	Pass
	2560	100	0	20	3.6	-5.207	-0.0020	/	Pass
					3.84	-7.081	-0.0028	/	Pass



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				4.3	-8.798	-0.0034	/	Pass
			-30	3.84	-6.924	-0.0027	/	Pass
			-20	3.84	-3.748	-0.0015	/	Pass
			-10	3.84	-8.397	-0.0033	/	Pass
			0	3.84	-3.061	-0.0012	/	Pass
			10	3.84	-9.184	-0.0036	/	Pass
			30	3.84	-7.882	-0.0031	/	Pass
			40	3.84	2.918	0.0011	/	Pass
			50	3.84	-7.911	-0.0031	/	Pass



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3. Field Strength of Spurious Radiation

Test Band = Band 7 _ TM1
Test Channel = low

Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamplifier_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
5002	34.39	7.43	35.39	-63.43	-45.4	-25	-20.4	Horizontal
7503	36.1	9.53	36.08	-60.35	-40.84	-25	-15.84	Horizontal
10004	37.3	12.63	37.37	-63.74	-41.6	-25	-16.6	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamplifier_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
5002	34.39	7.43	35.39	-64.25	-46.22	-25	-21.22	Vertical
7503	36.1	9.53	36.08	-61.83	-42.32	-25	-17.32	Vertical
10004	37.3	12.63	37.37	-63.13	-40.99	-25	-15.99	Vertical



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Test Band = Band 7 _ TM1
Test Channel = mid

Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
5052	34.1	7.47	35.36	-64.05	-46.29	-25	-21.29	Horizontal
7578	36.16	9.62	36.16	-62.99	-43.31	-25	-18.31	Horizontal
10104	37.4	12.66	37.42	-62.44	-40.28	-25	-15.28	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
5052	34.1	7.47	35.36	-62.67	-44.91	-25	-19.91	Vertical
7578	36.16	9.62	36.16	-63.19	-43.51	-25	-18.51	Vertical
10104	37.4	12.66	37.42	-61.53	-39.37	-25	-14.37	Vertical



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Test Band = Band 7 _ TM1
Test Channel = high

Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
5102	34	7.51	35.34	-64.65	-46.97	-25	-21.97	Horizontal
7653	36.19	9.71	36.23	-62.81	-42.98	-25	-17.98	Horizontal
10204	37.29	12.69	37.47	-63.96	-41.98	-25	-16.98	Horizontal
Freq (MHz)	LISN_Factor (dB)	Cable_Loss (dB)	Preamp_Gain (dB)	Read_Level (dBm)	Level (dBm)	Limit_Line (dBm)	Over -13DBM	Polarity
5102	34	7.51	35.34	-64.15	-46.47	-25	-21.47	Vertical
7653	36.19	9.71	36.23	-62.67	-42.84	-25	-17.84	Vertical
10204	37.29	12.69	37.47	-63.18	-41.2	-25	-16.2	Vertical

Remark:

1) All antennas of RSE are tested, and only the worst data is presented.



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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	Limit	
5	QPSK	2502.5	25	0	4.541	/	Pass
		2535	25	0	4.531	/	Pass
		2567.5	25	0	4.551	/	Pass
	16QAM	2502.5	25	0	4.557	/	Pass
		2535	25	0	4.542	/	Pass
		2567.5	25	0	4.530	/	Pass
	64QAM	2502.5	25	0	4.549	/	Pass
		2535	25	0	4.559	/	Pass
		2567.5	25	0	4.526	/	Pass
10	QPSK	2505	50	0	9.077	/	Pass
		2535	50	0	9.074	/	Pass
		2565	50	0	9.057	/	Pass
	16QAM	2505	50	0	9.098	/	Pass
		2535	50	0	9.058	/	Pass
		2565	50	0	9.047	/	Pass
	64QAM	2505	50	0	9.057	/	Pass
		2535	50	0	9.073	/	Pass
		2565	50	0	9.041	/	Pass
15	QPSK	2507.5	75	0	13.614	/	Pass
		2535	75	0	13.601	/	Pass
		2562.5	75	0	13.581	/	Pass
	16QAM	2507.5	75	0	13.635	/	Pass
		2535	75	0	13.572	/	Pass
		2562.5	75	0	13.577	/	Pass
	64QAM	2507.5	75	0	13.593	/	Pass
		2535	75	0	13.639	/	Pass
		2562.5	75	0	13.604	/	Pass
20	QPSK	2510	100	0	18.135	/	Pass
		2535	100	0	18.142	/	Pass
		2560	100	0	18.102	/	Pass
	16QAM	2510	100	0	18.216	/	Pass
		2535	100	0	18.105	/	Pass
		2560	100	0	18.097	/	Pass
	64QAM	2510	100	0	18.074	/	Pass
		2535	100	0	18.166	/	Pass
		2560	100	0	18.113	/	Pass



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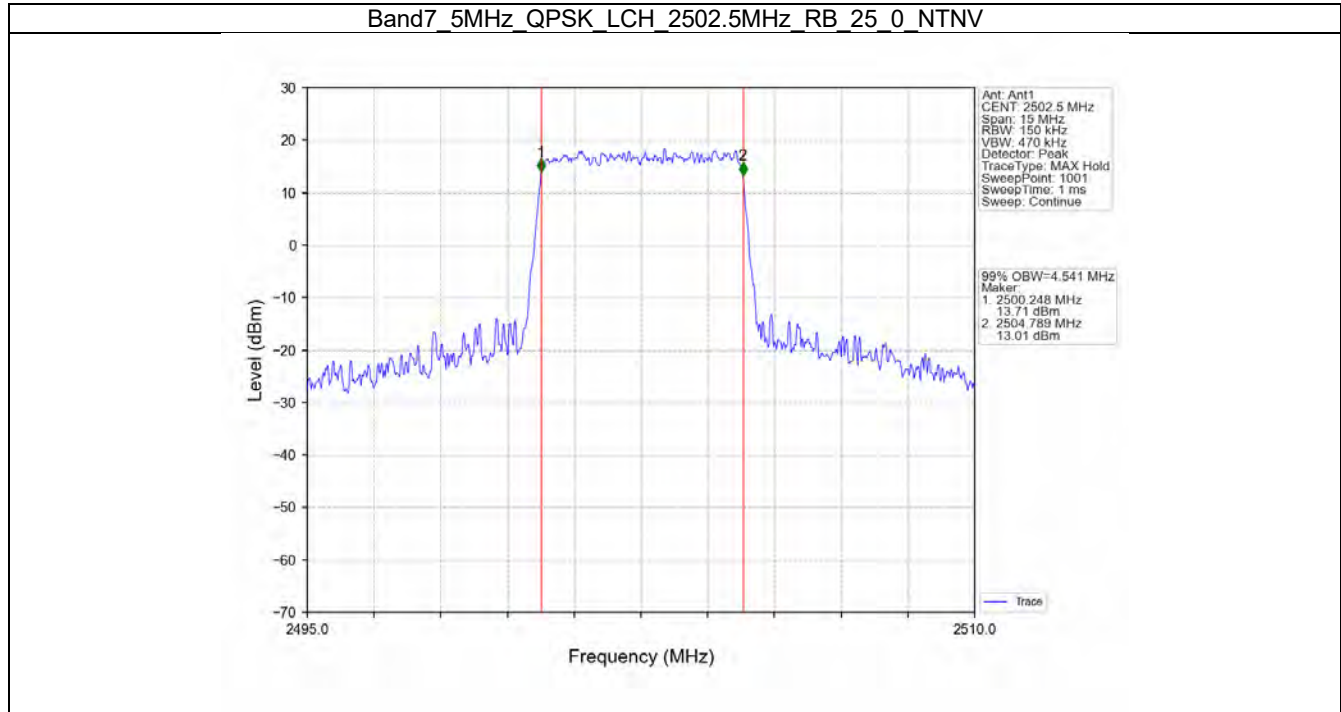
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4.1.2 Test Graph



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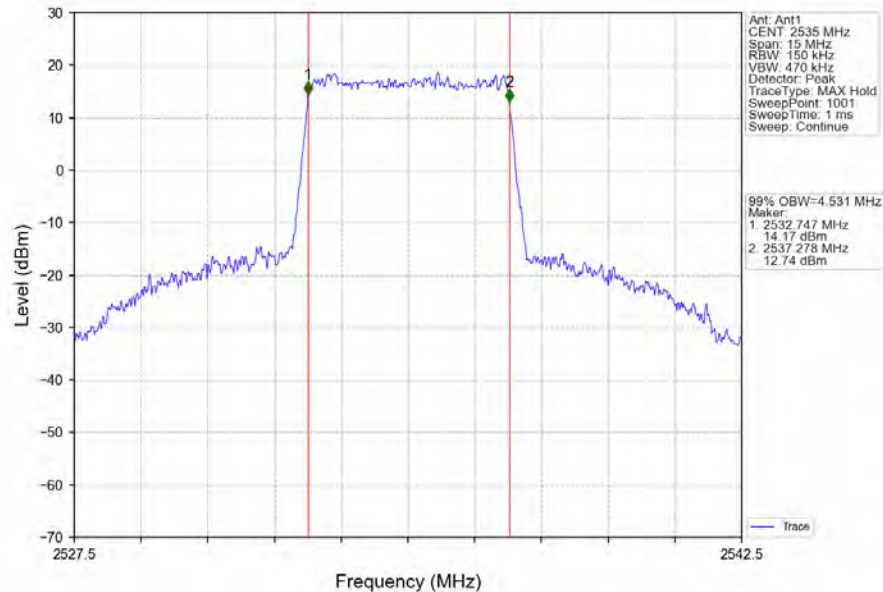
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Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



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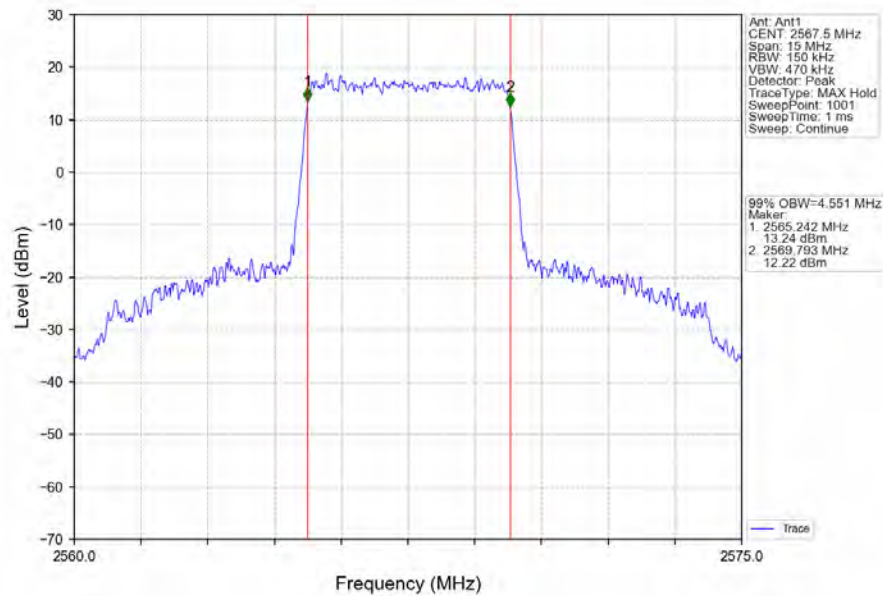
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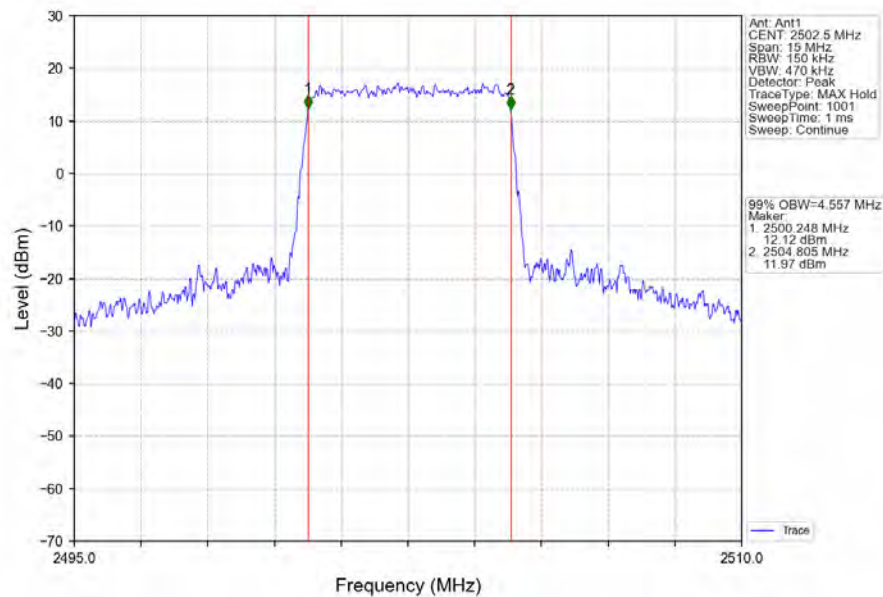
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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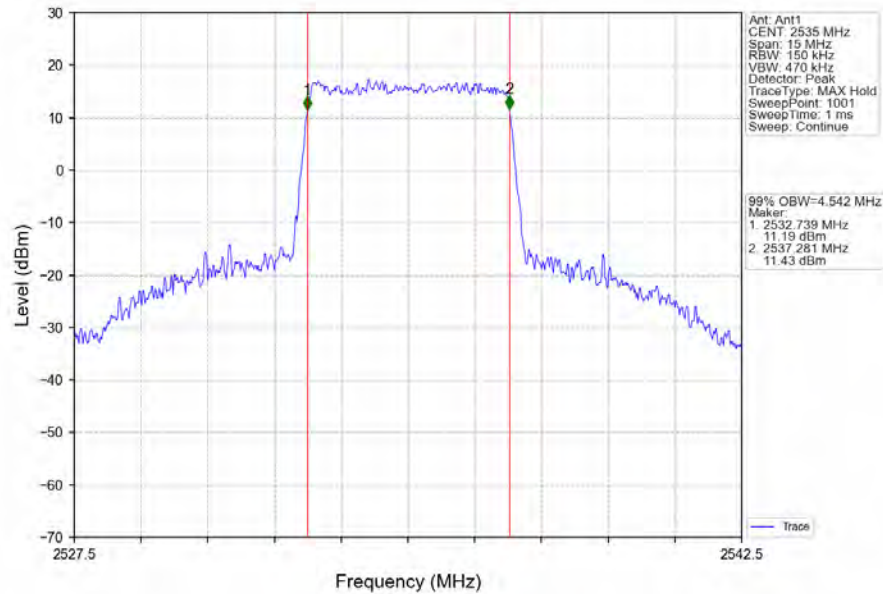
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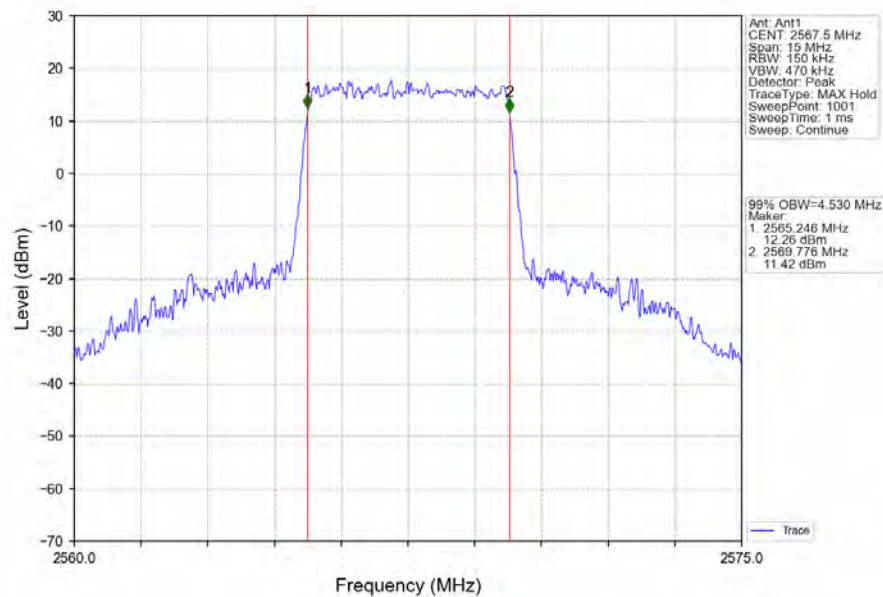
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Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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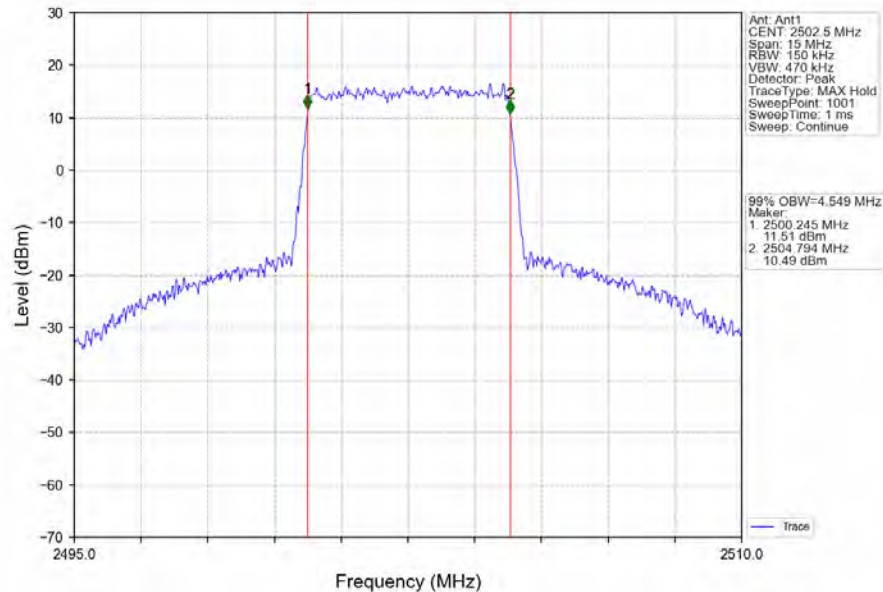
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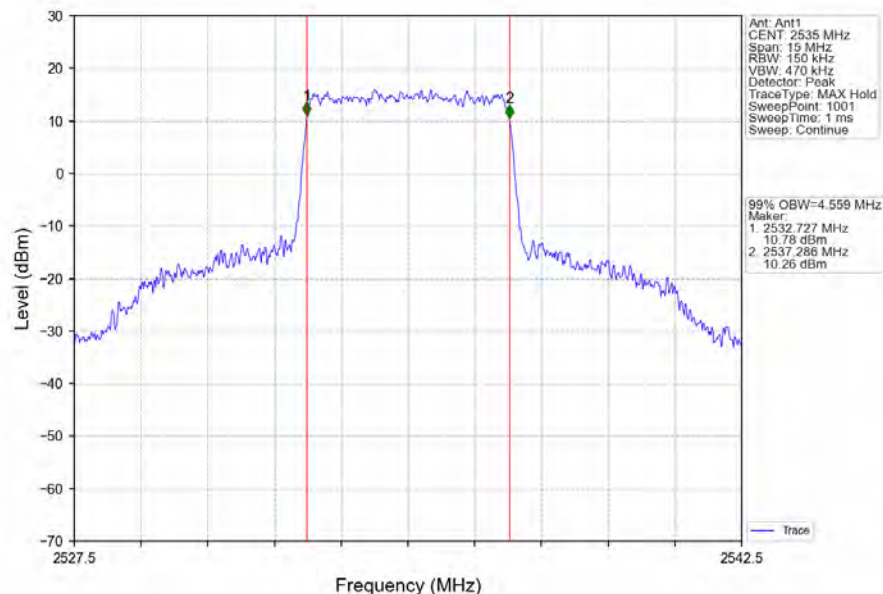
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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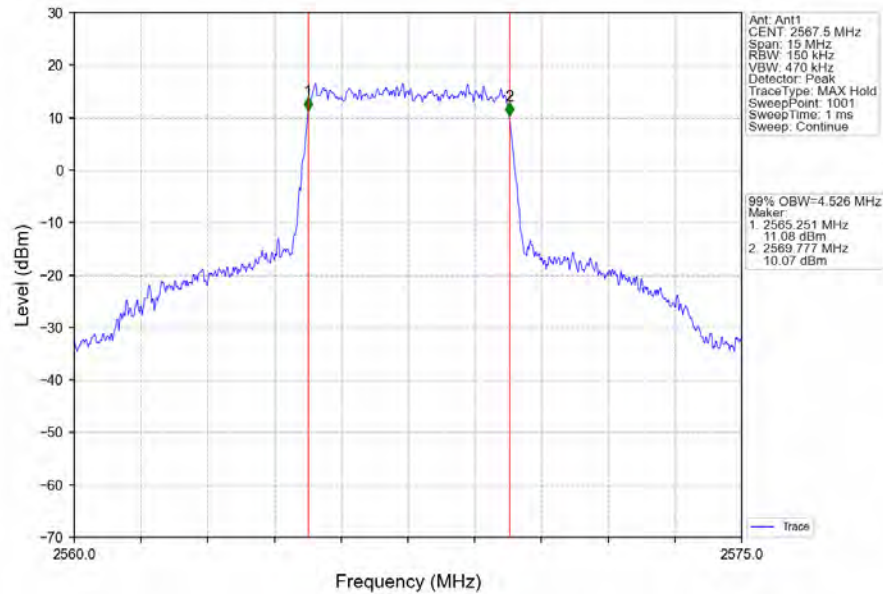
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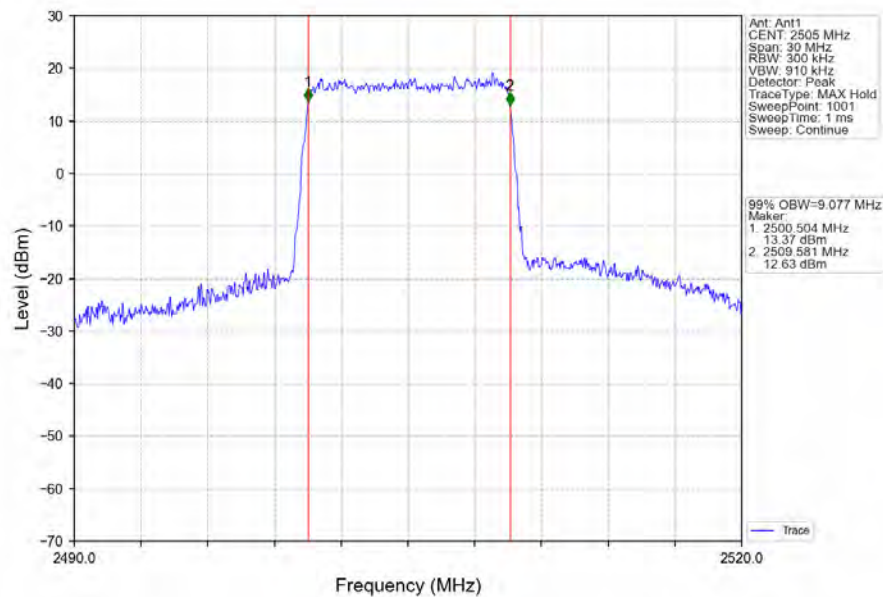
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



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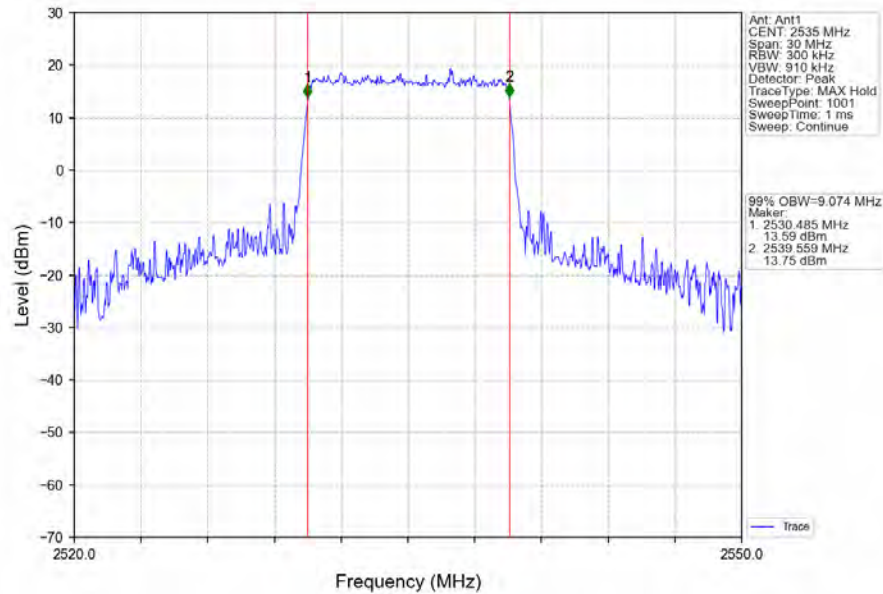
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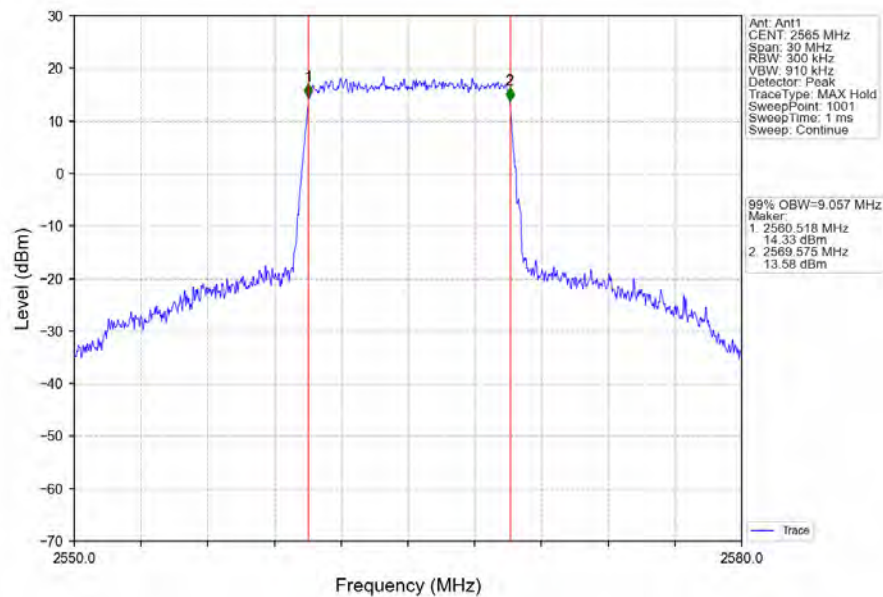
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Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



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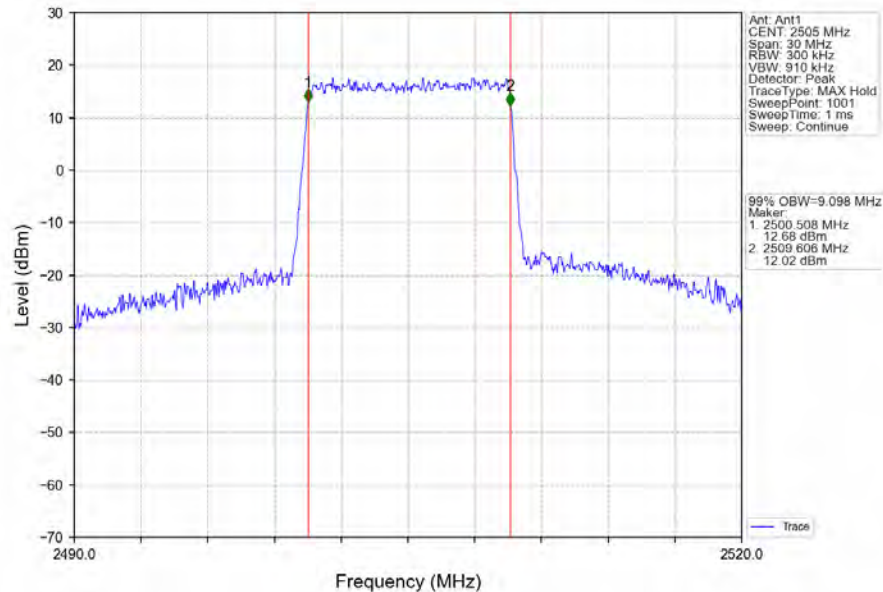
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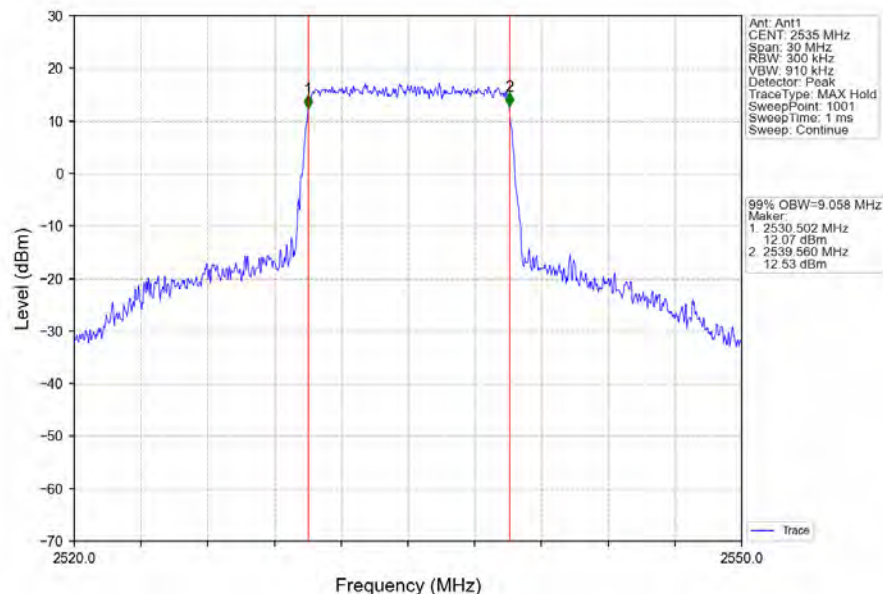
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



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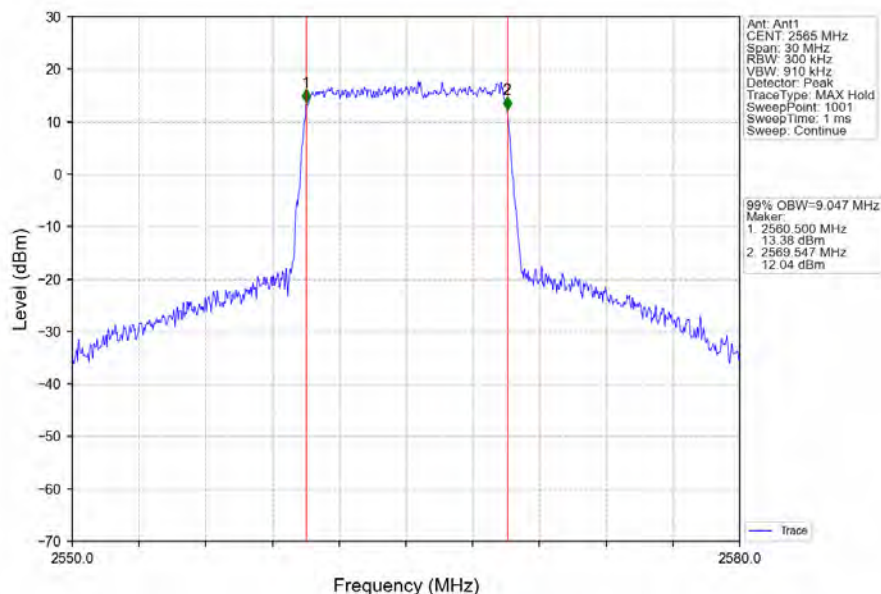
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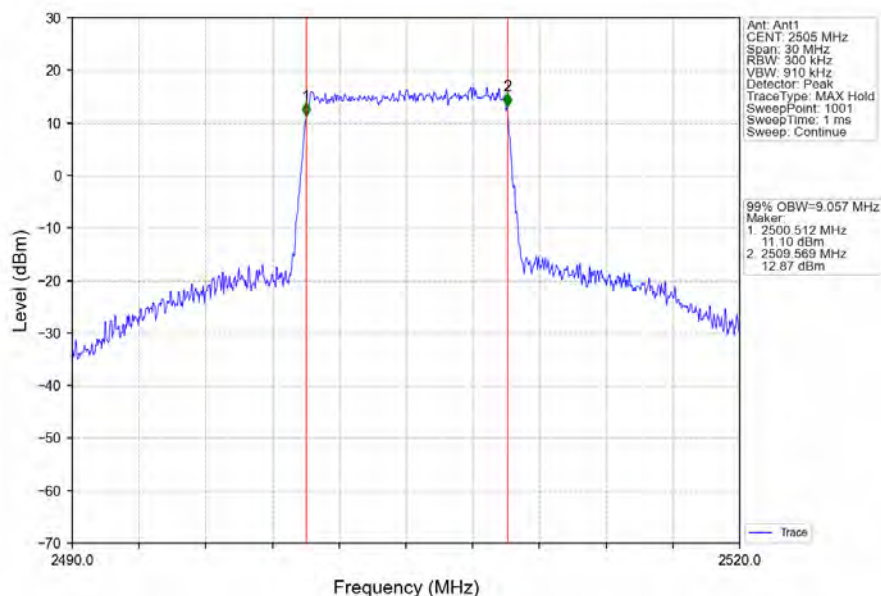
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Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



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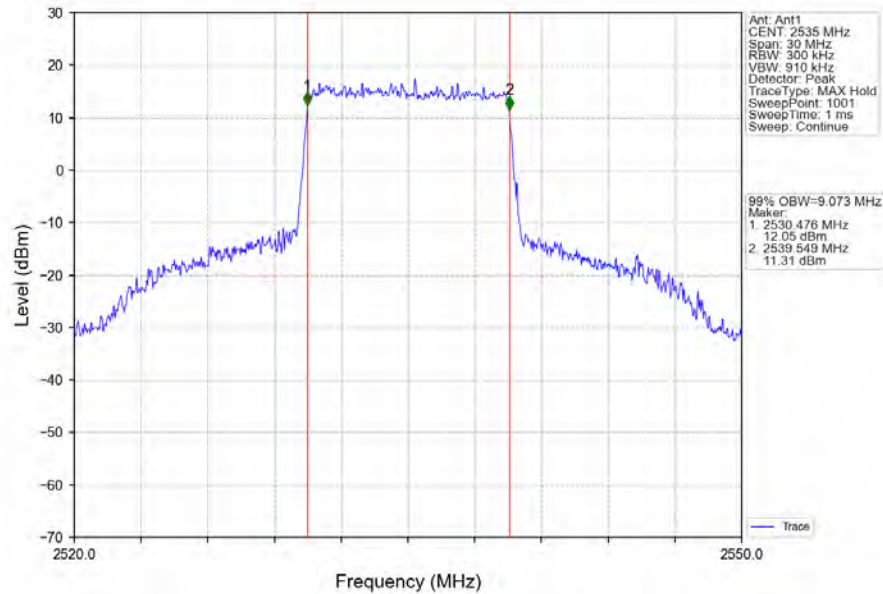
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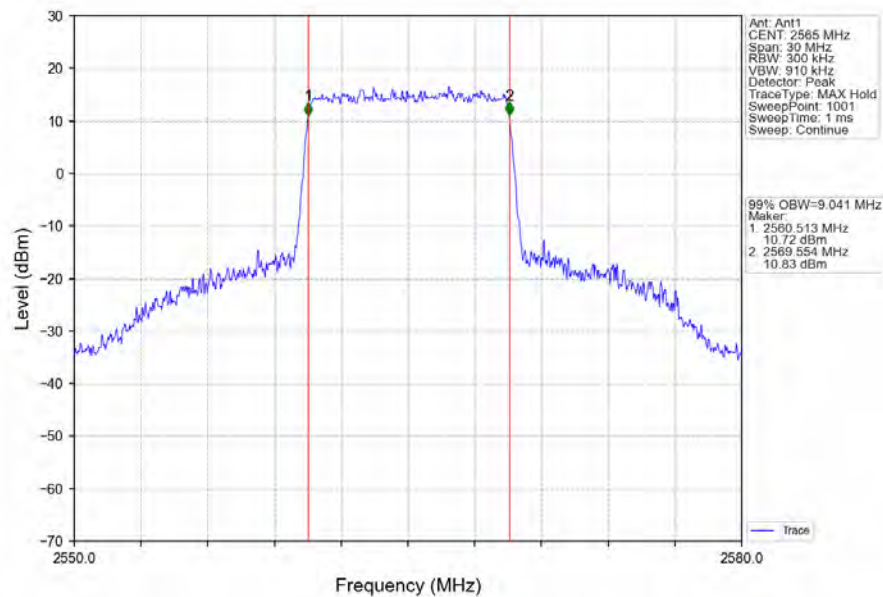
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Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



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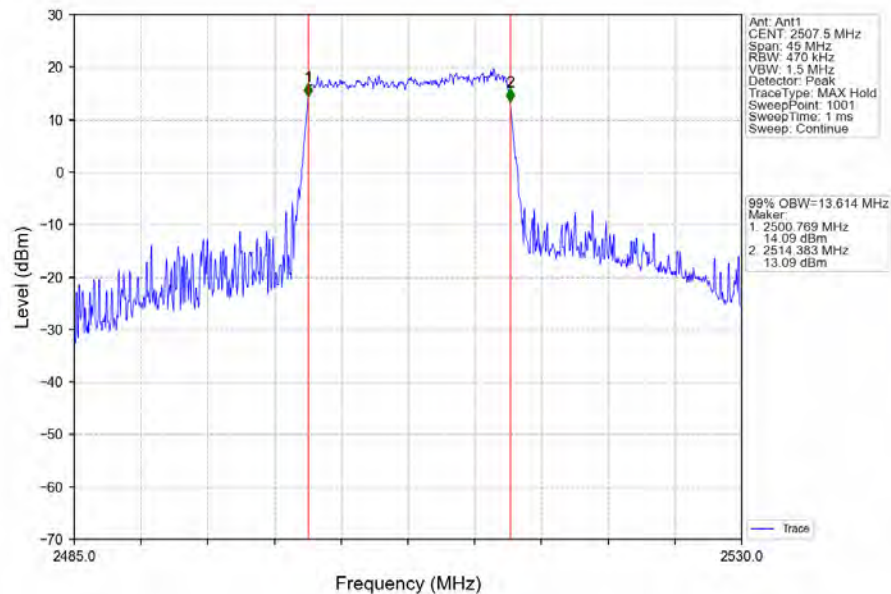
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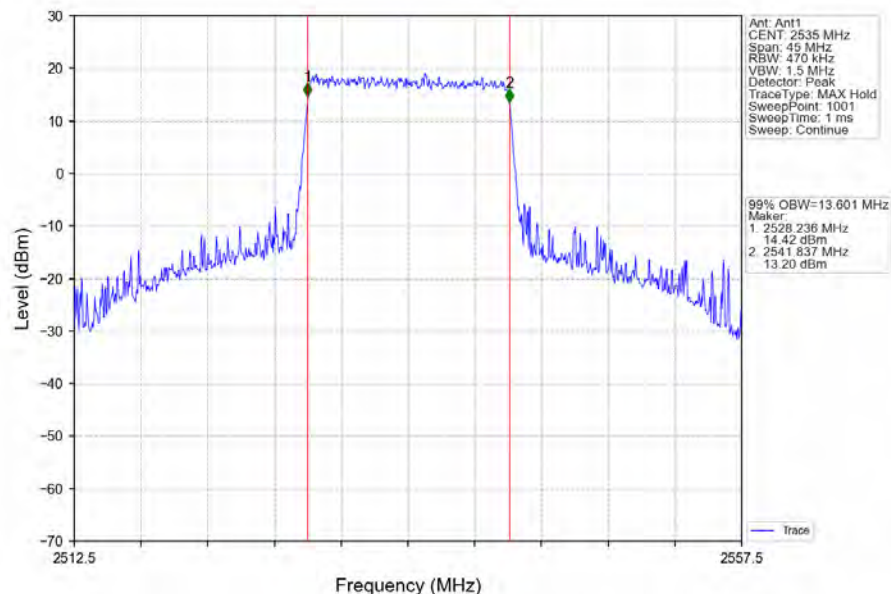
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Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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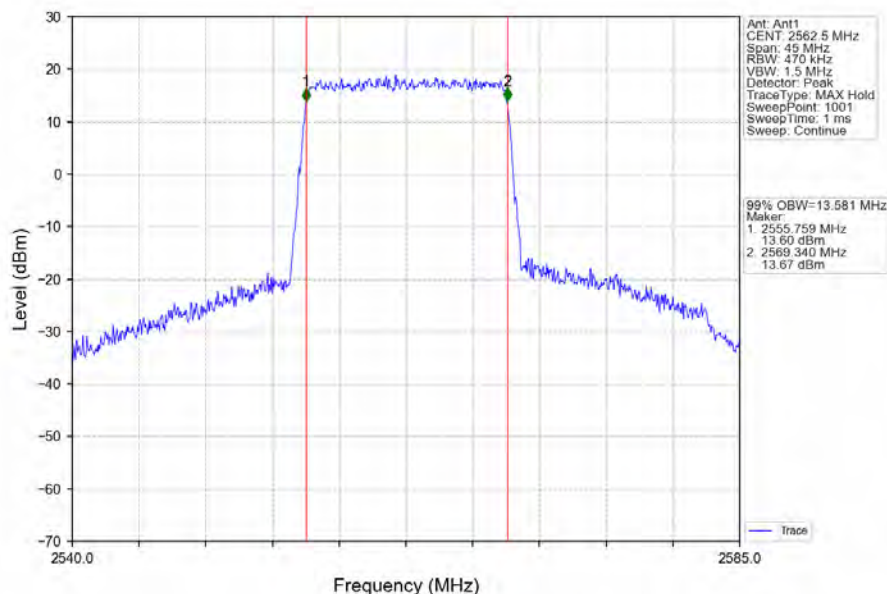
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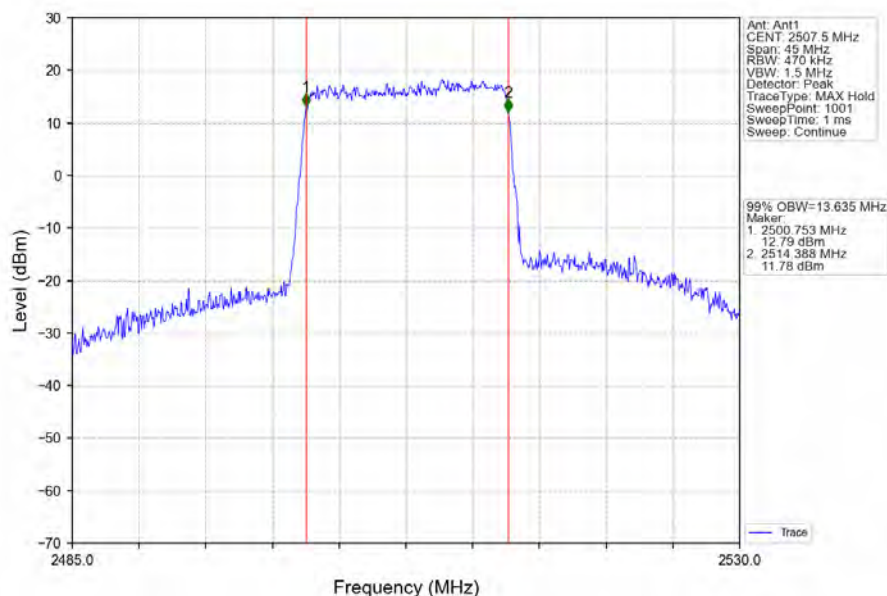
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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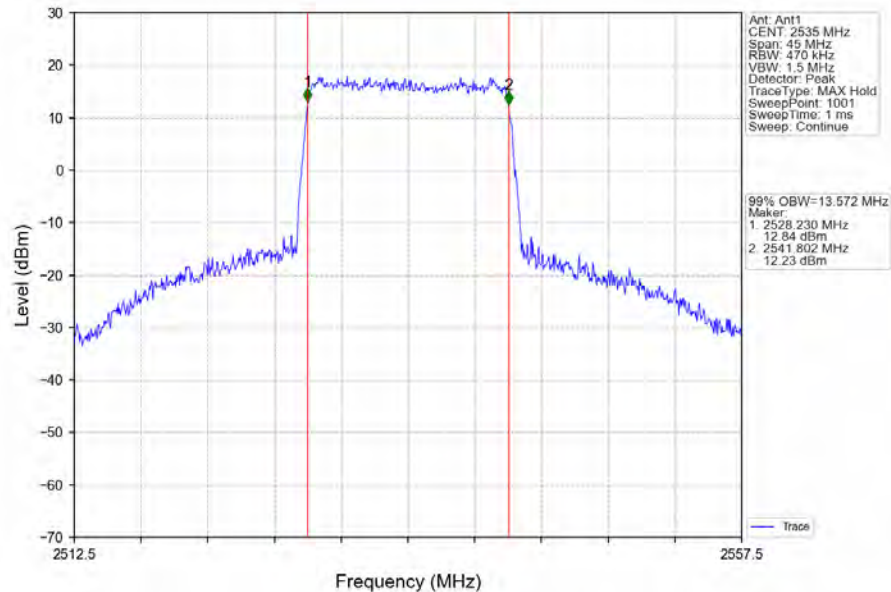
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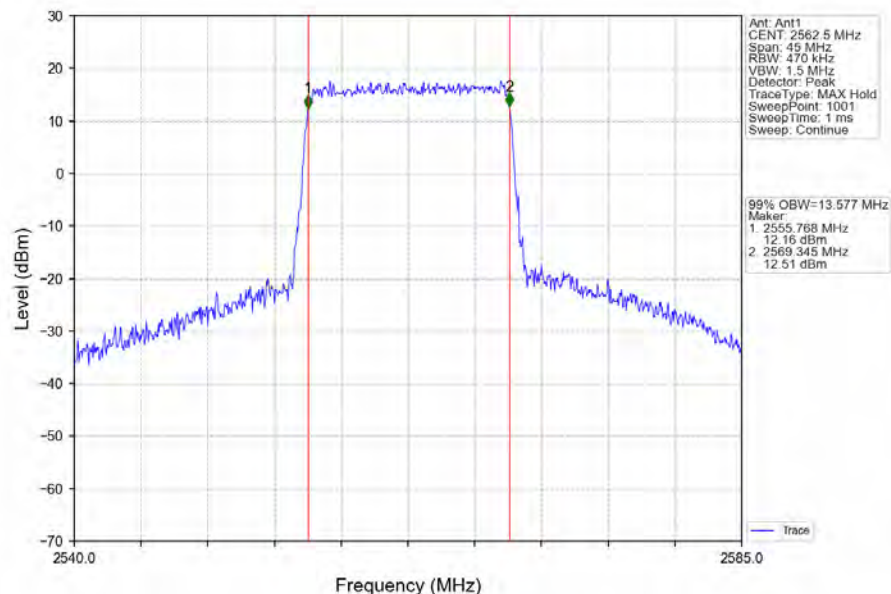
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Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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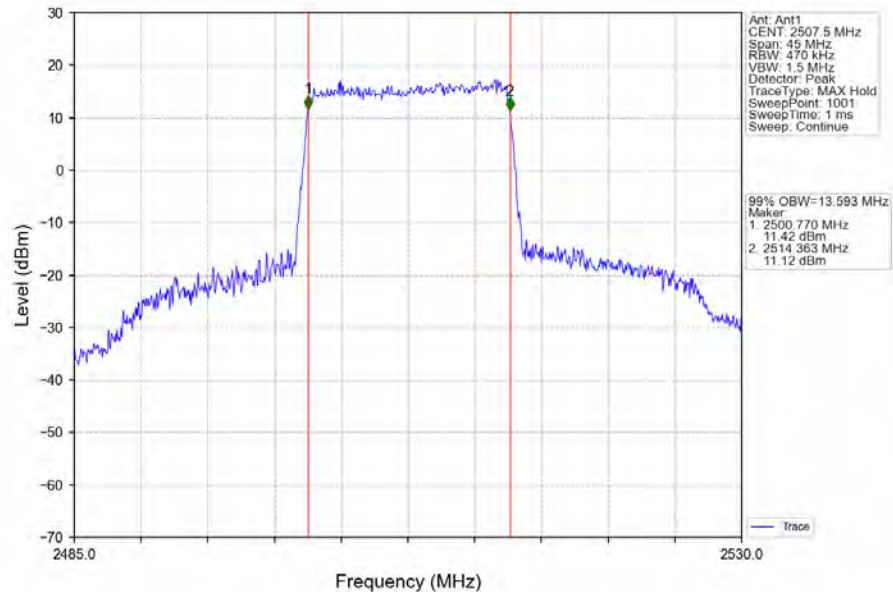
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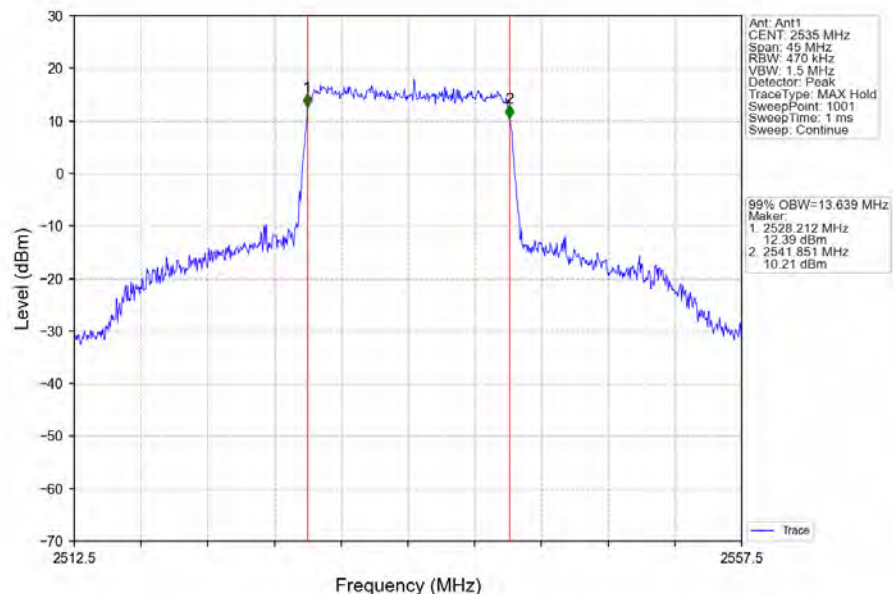
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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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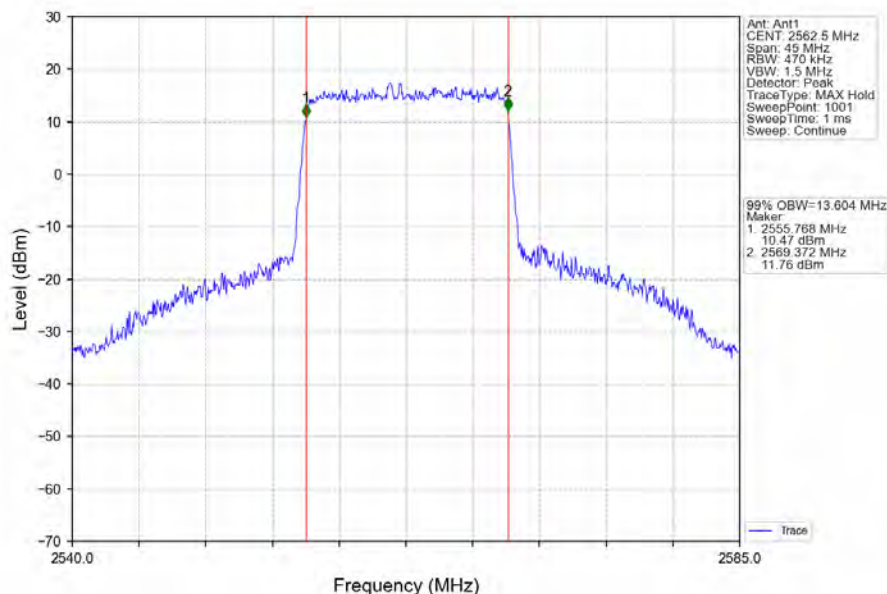
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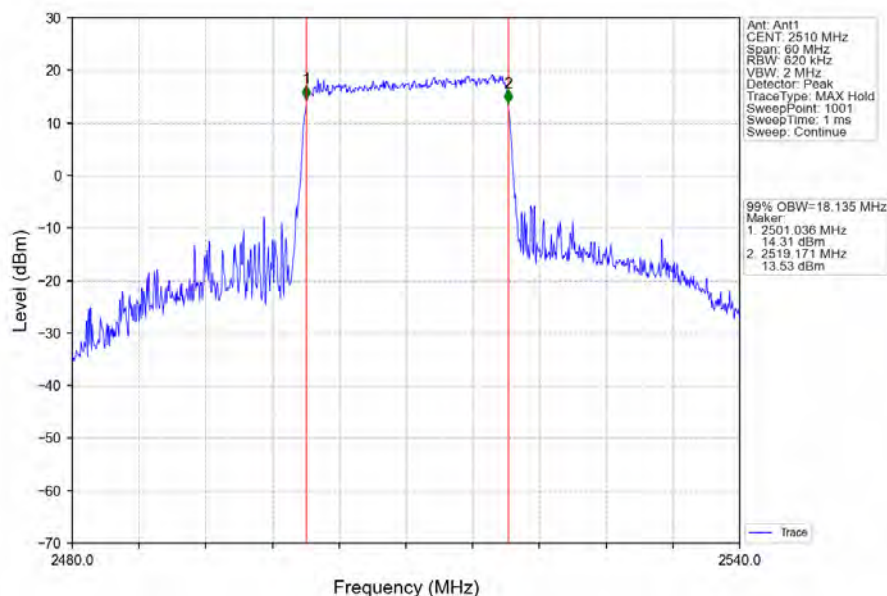
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Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



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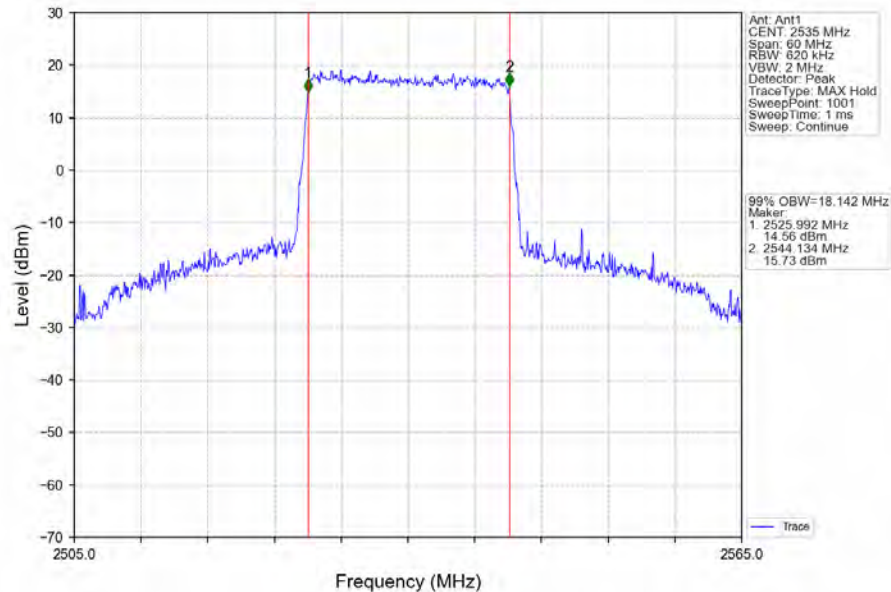
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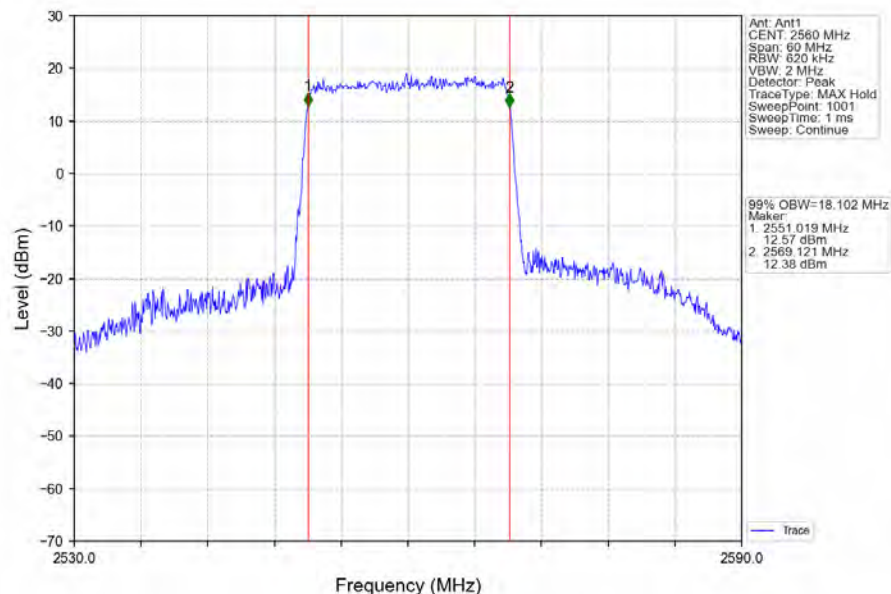
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



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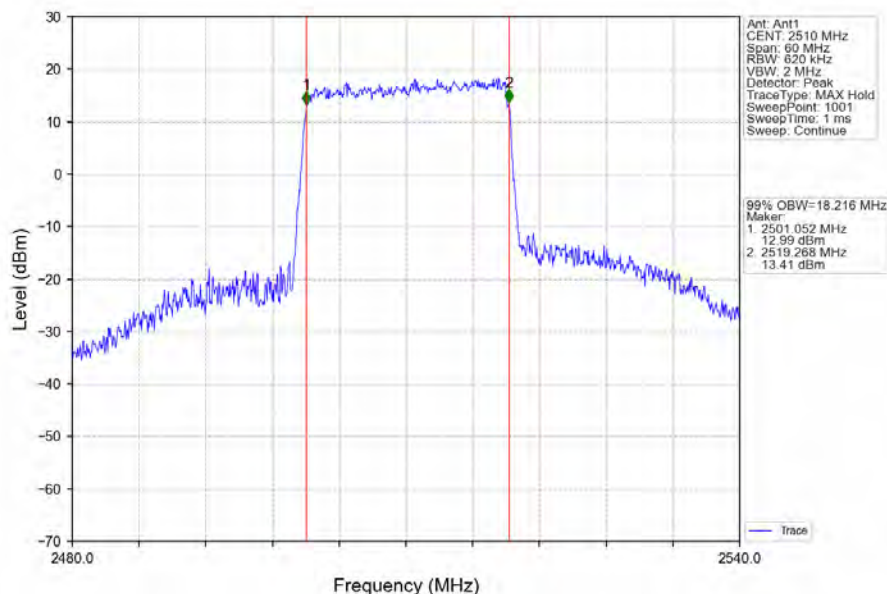
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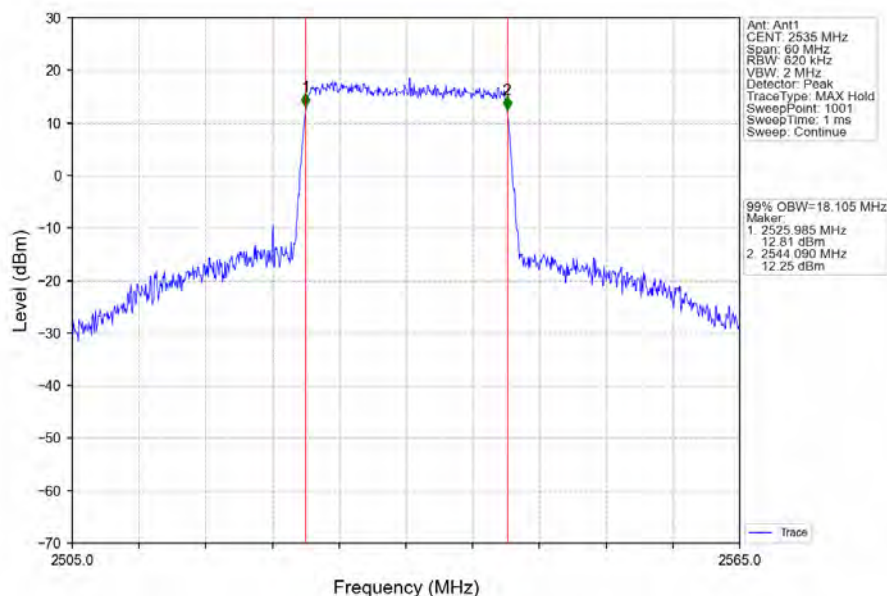
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Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



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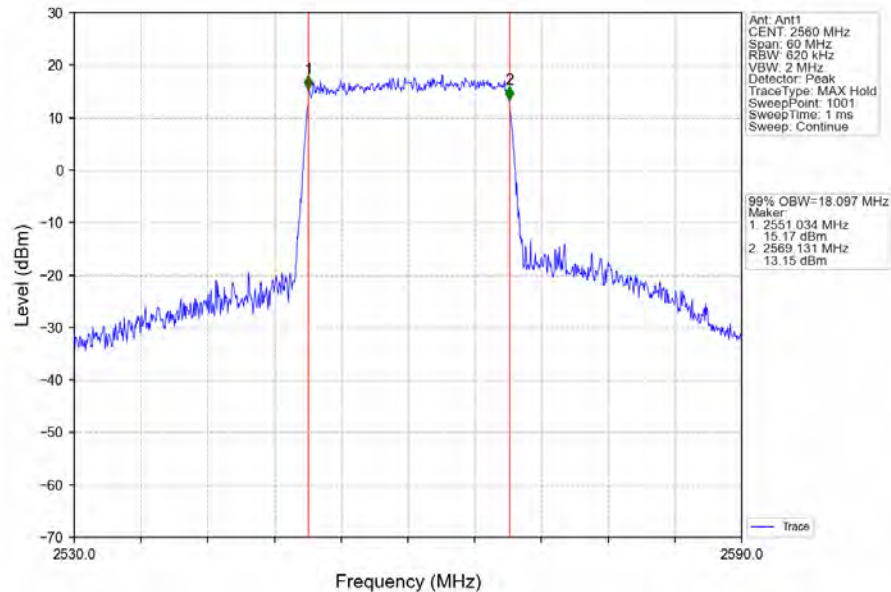
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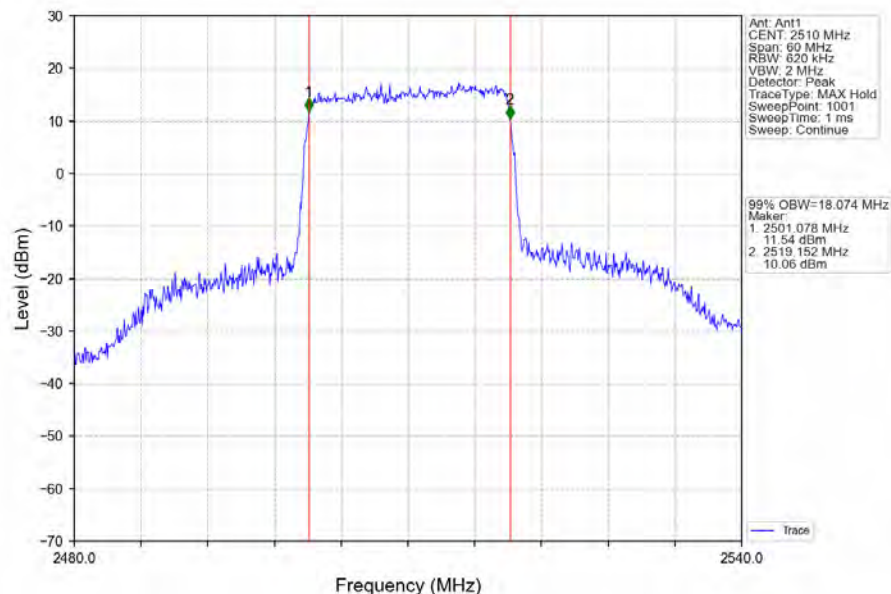
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Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



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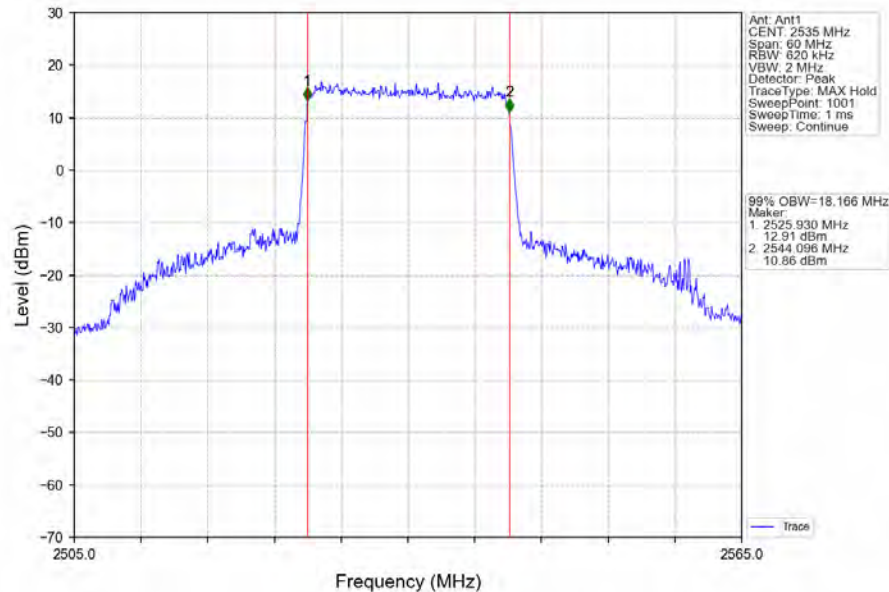
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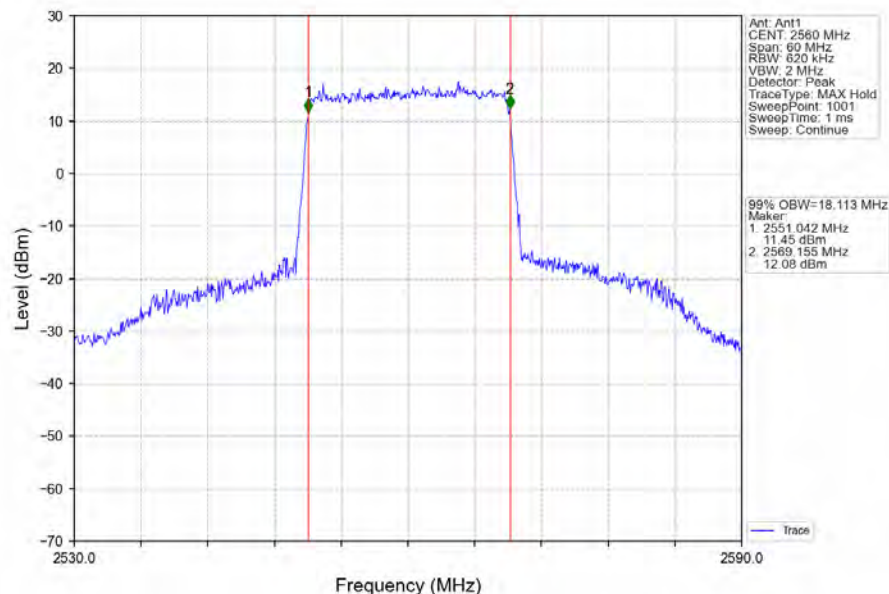
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Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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4.2 Band7_XDB

4.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.041	/	Pass
		2535	25	0	5.040	/	Pass
		2567.5	25	0	5.013	/	Pass
	16QAM	2502.5	25	0	5.040	/	Pass
		2535	25	0	5.059	/	Pass
		2567.5	25	0	5.007	/	Pass
	64QAM	2502.5	25	0	5.033	/	Pass
		2535	25	0	5.015	/	Pass
		2567.5	25	0	5.004	/	Pass
10	QPSK	2505	50	0	9.895	/	Pass
		2535	50	0	11.201	/	Pass
		2565	50	0	10.024	/	Pass
	16QAM	2505	50	0	9.927	/	Pass
		2535	50	0	9.981	/	Pass
		2565	50	0	9.950	/	Pass
	64QAM	2505	50	0	9.982	/	Pass
		2535	50	0	9.865	/	Pass
		2565	50	0	9.930	/	Pass
15	QPSK	2507.5	75	0	15.412	/	Pass
		2535	75	0	17.202	/	Pass
		2562.5	75	0	14.882	/	Pass
	16QAM	2507.5	75	0	14.950	/	Pass
		2535	75	0	14.907	/	Pass
		2562.5	75	0	14.887	/	Pass
	64QAM	2507.5	75	0	14.912	/	Pass
		2535	75	0	14.864	/	Pass
		2562.5	75	0	14.866	/	Pass
20	QPSK	2510	100	0	21.477	/	Pass
		2535	100	0	19.772	/	Pass
		2560	100	0	19.802	/	Pass
	16QAM	2510	100	0	19.786	/	Pass
		2535	100	0	19.621	/	Pass
		2560	100	0	19.678	/	Pass
	64QAM	2510	100	0	19.735	/	Pass
		2535	100	0	19.647	/	Pass
		2560	100	0	19.799	/	Pass



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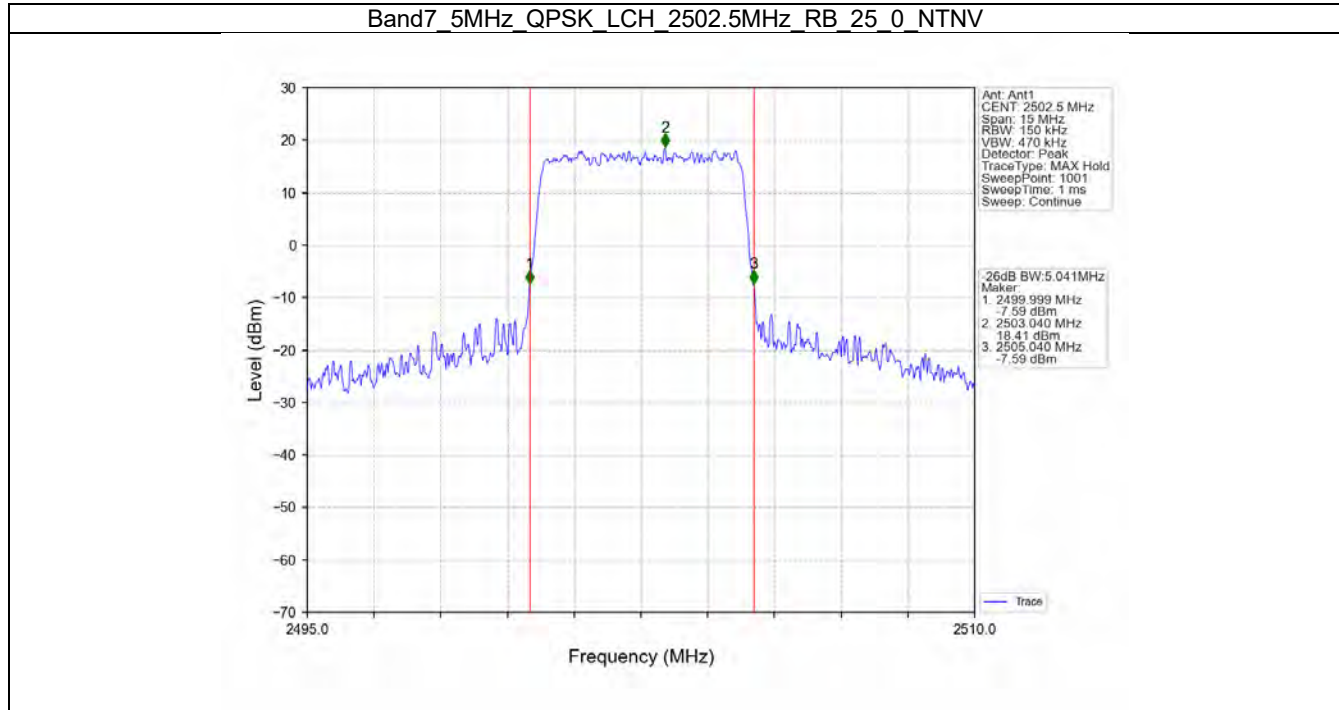
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4.2.2 Test Graph



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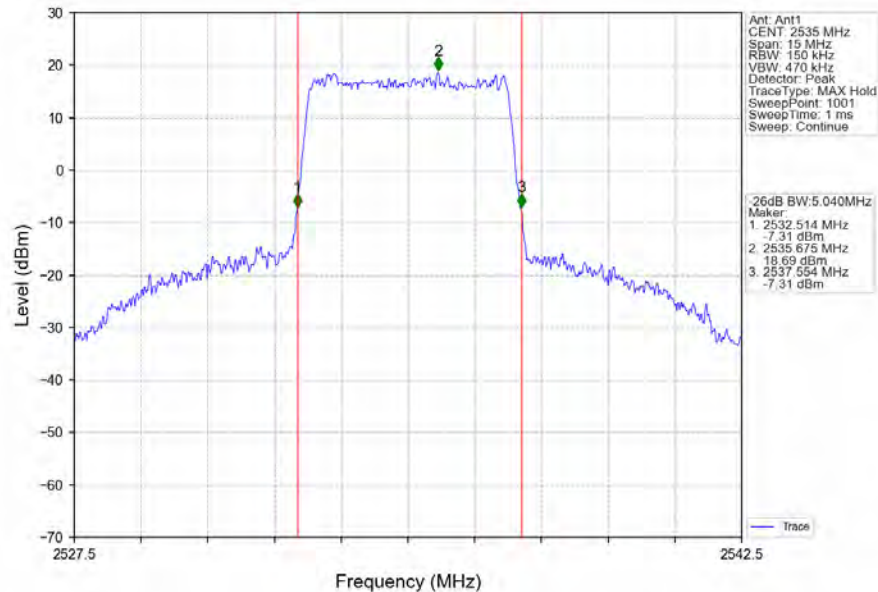
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Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



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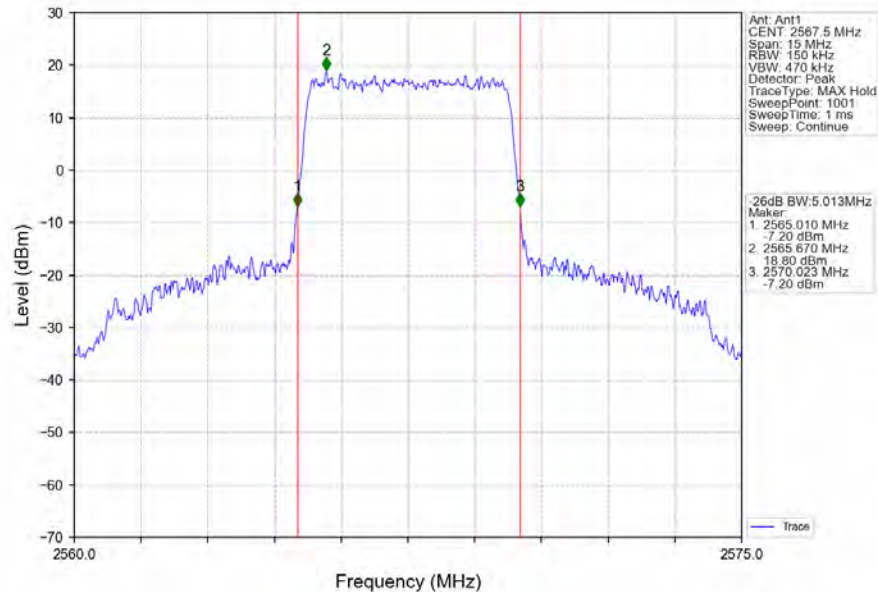
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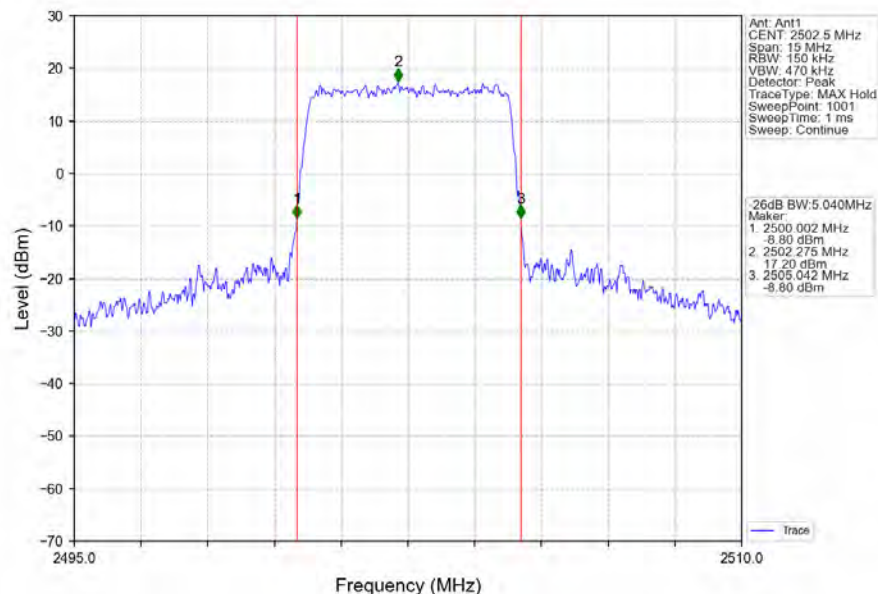
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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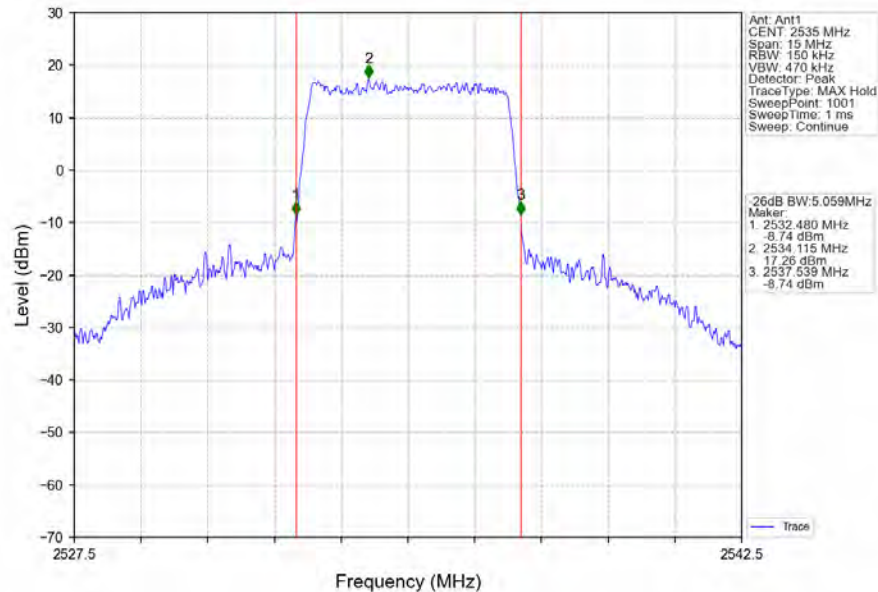
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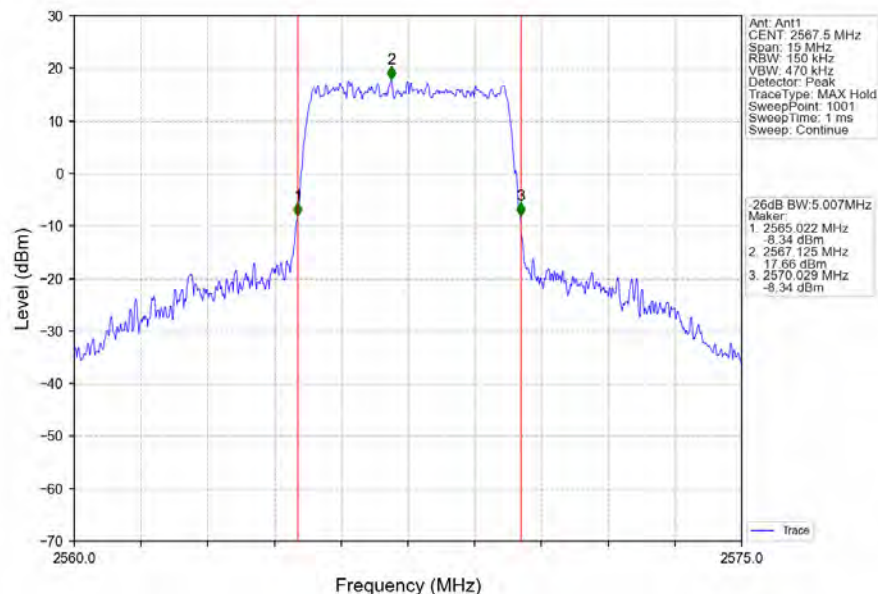
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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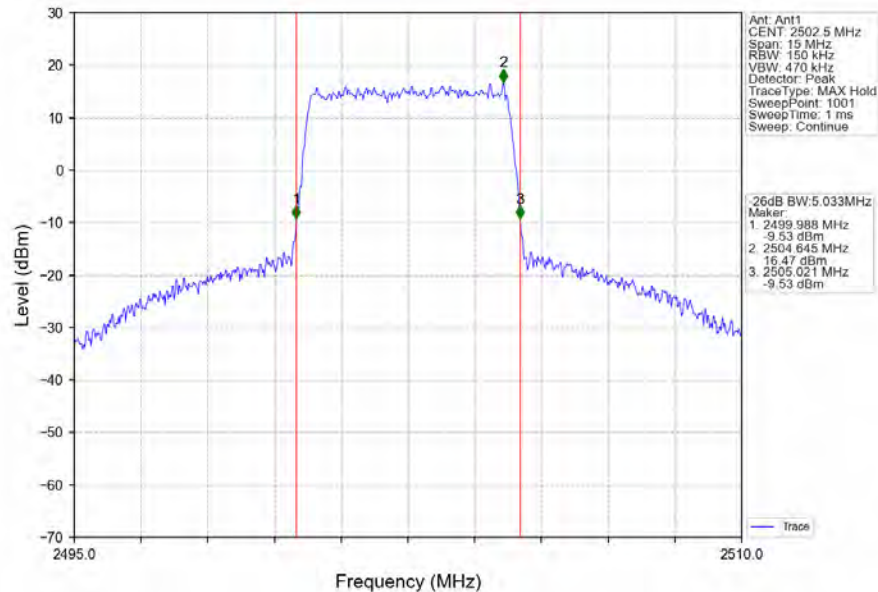
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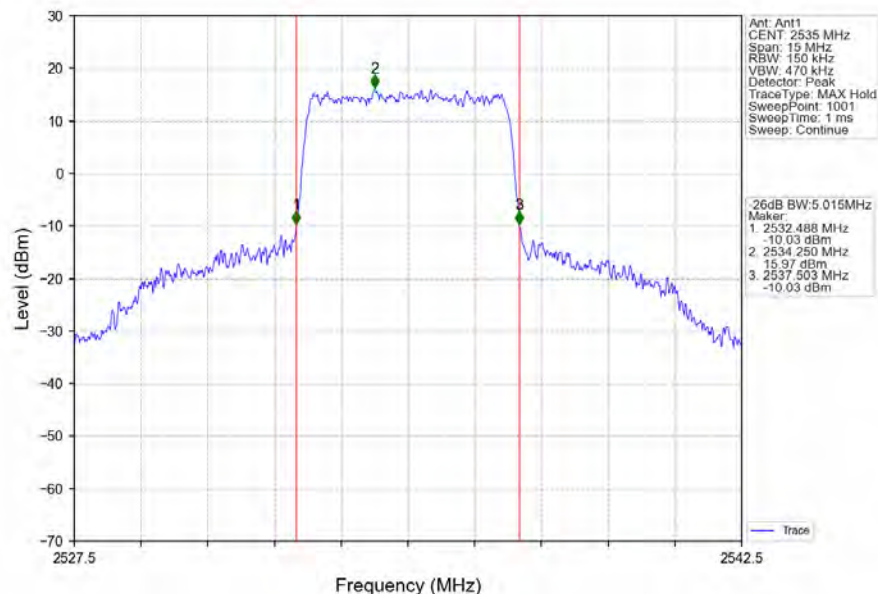
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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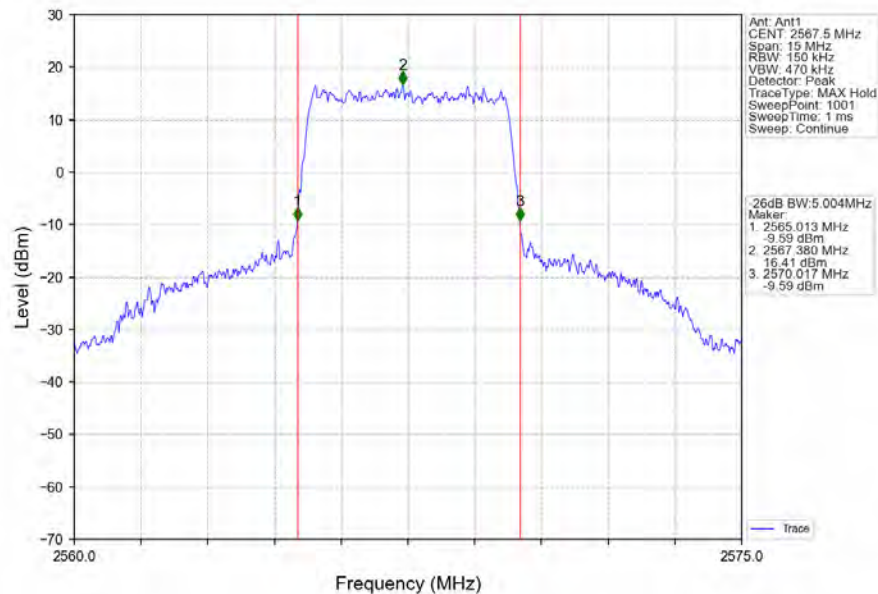
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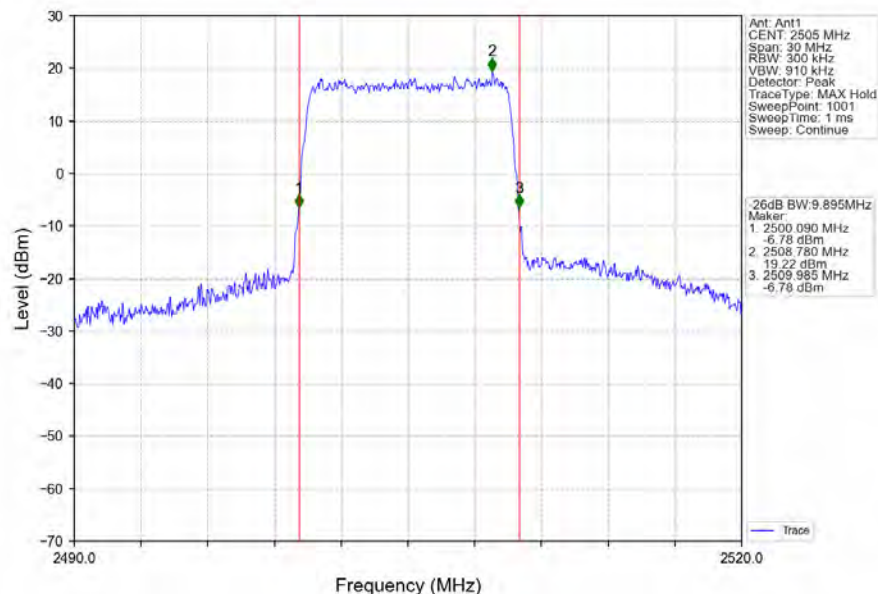
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



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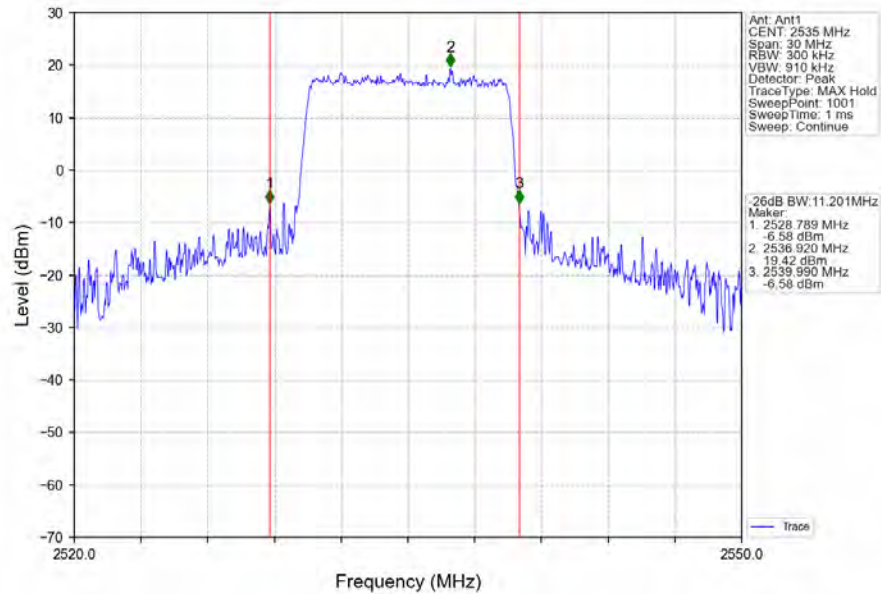
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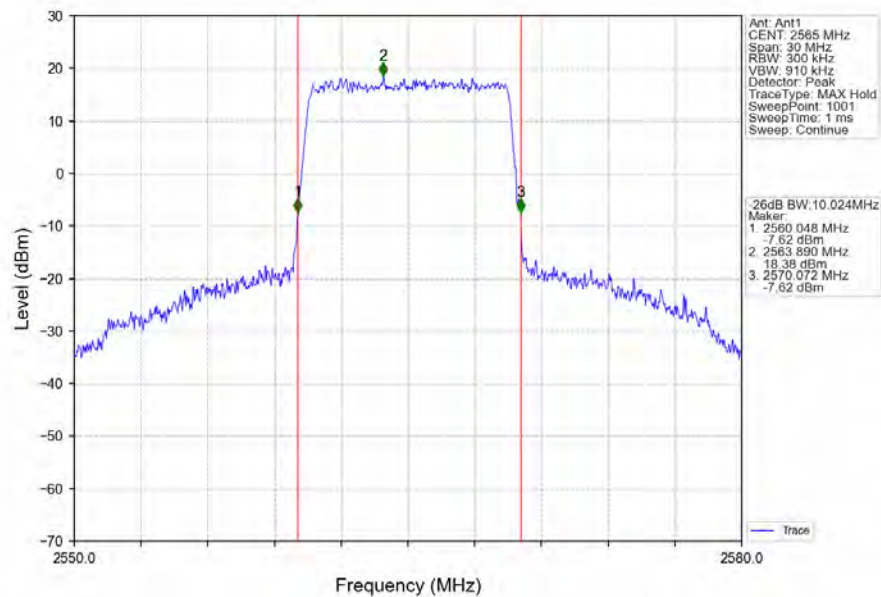
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Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



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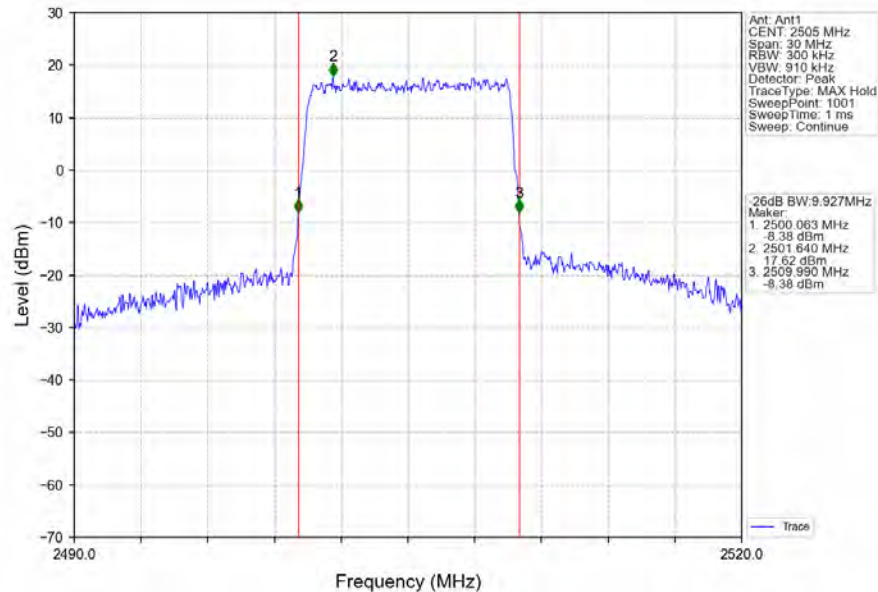
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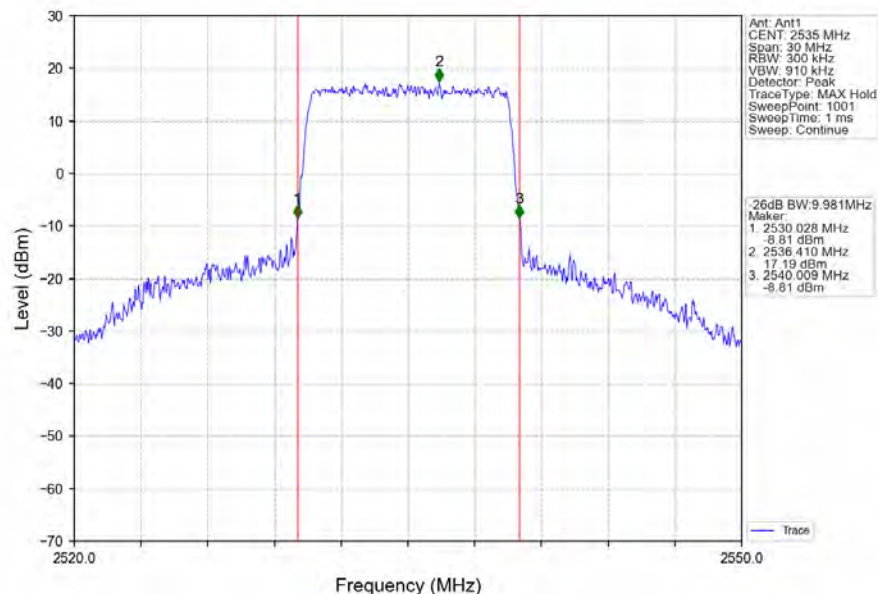
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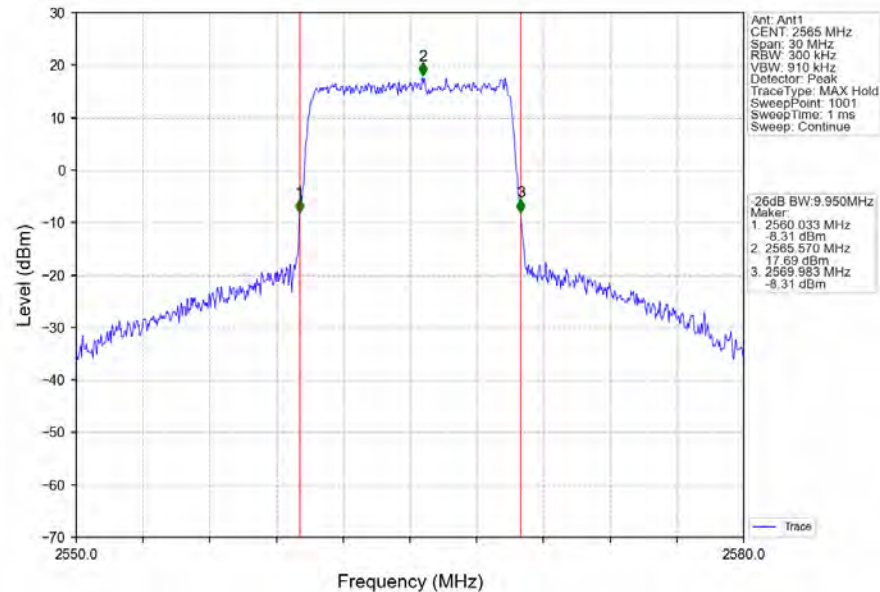
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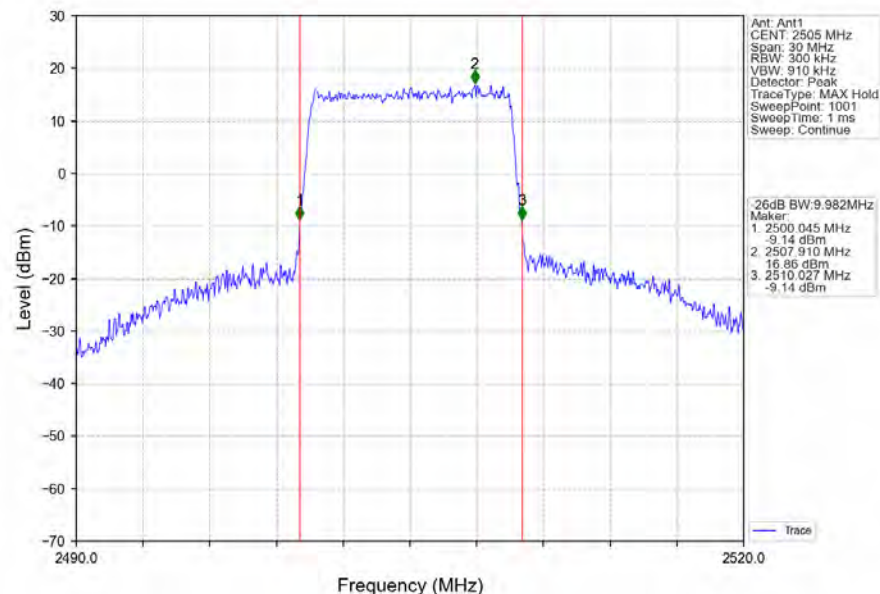
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Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



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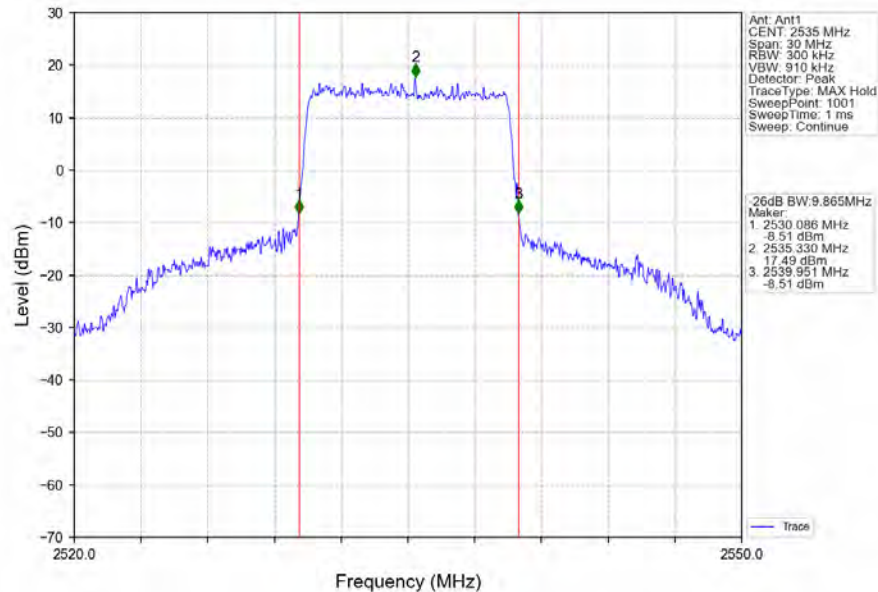
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Report No.: SZCR240200059401

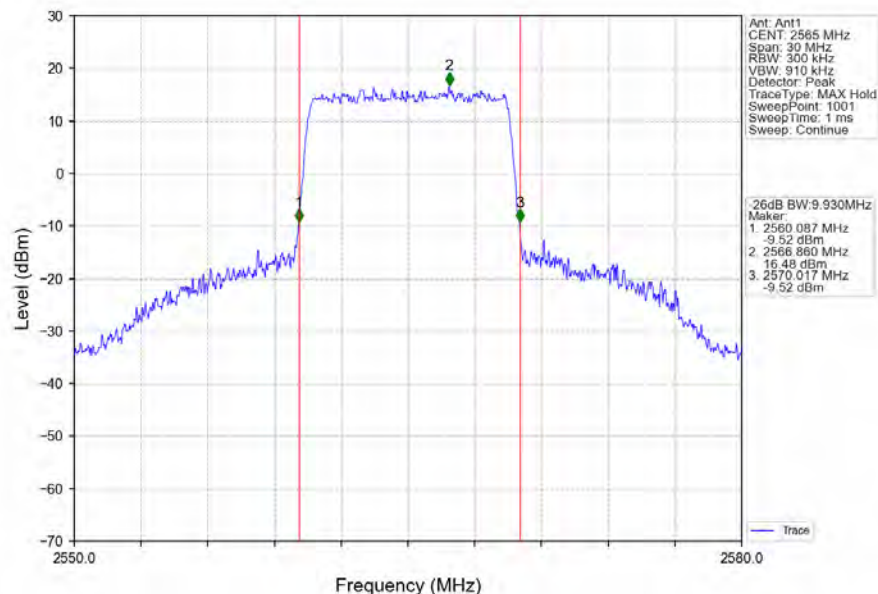
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Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



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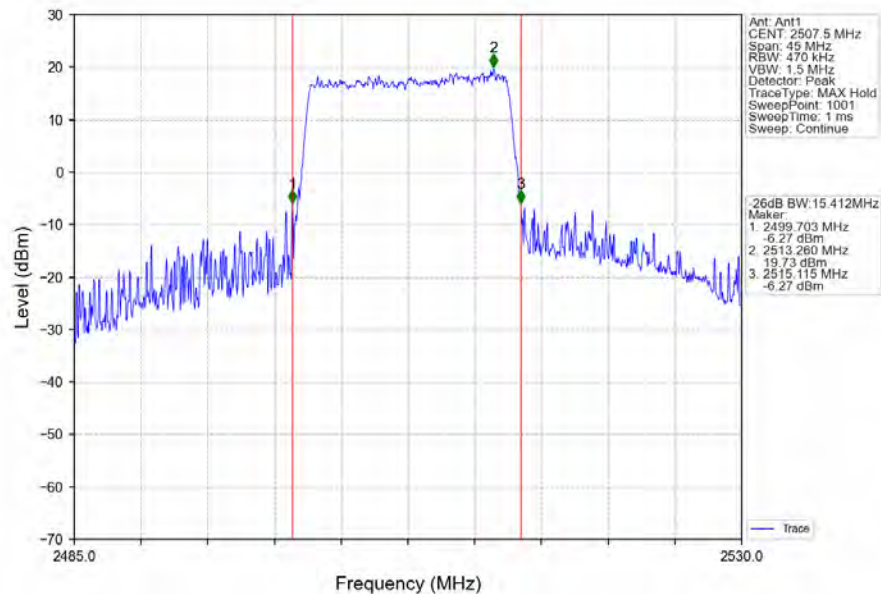
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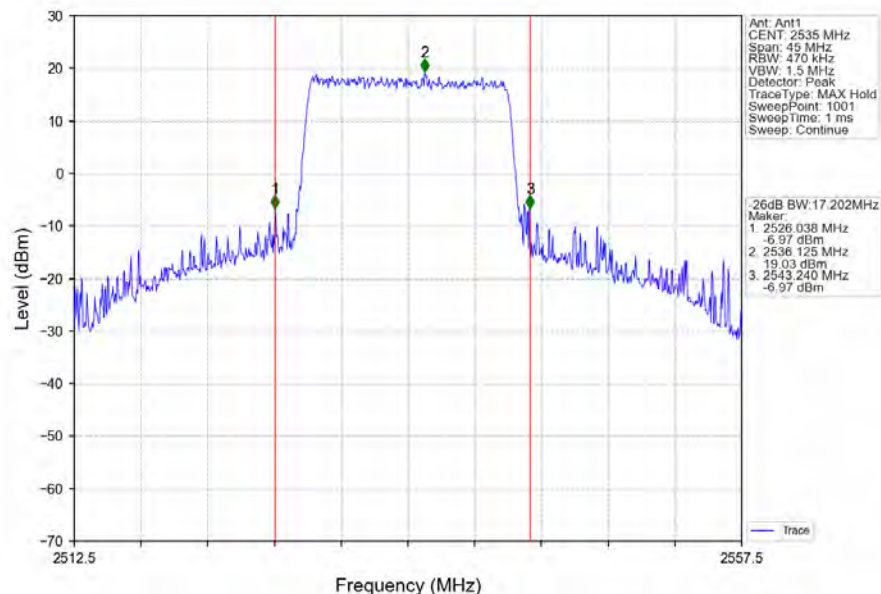
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Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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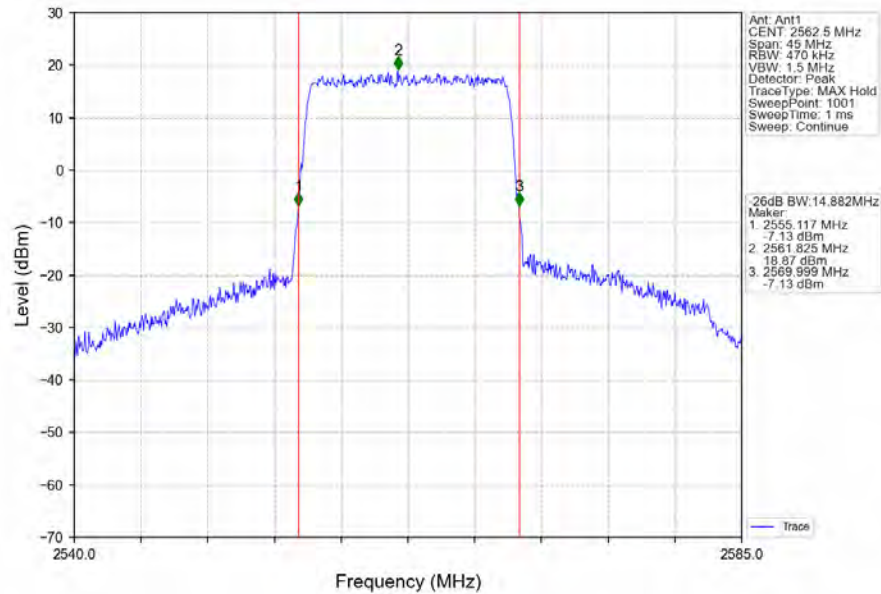
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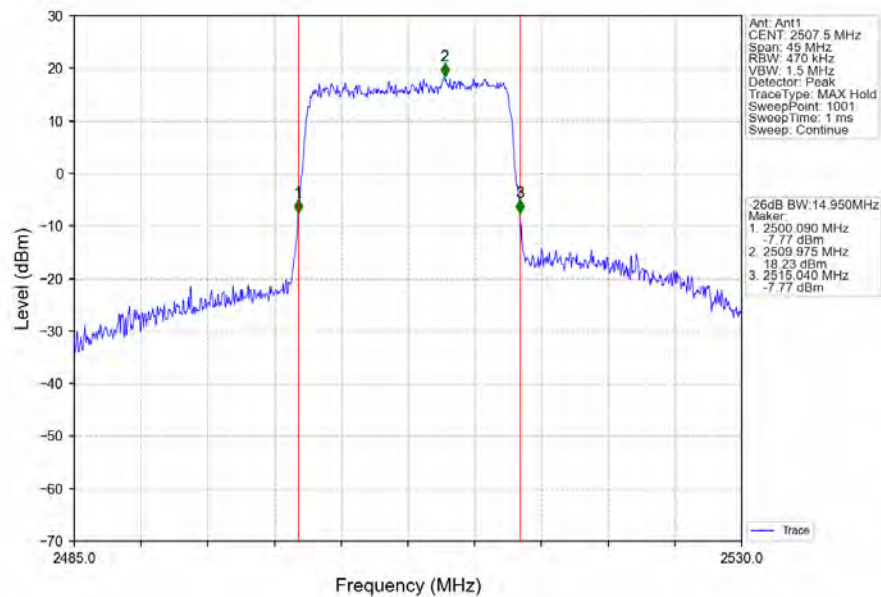
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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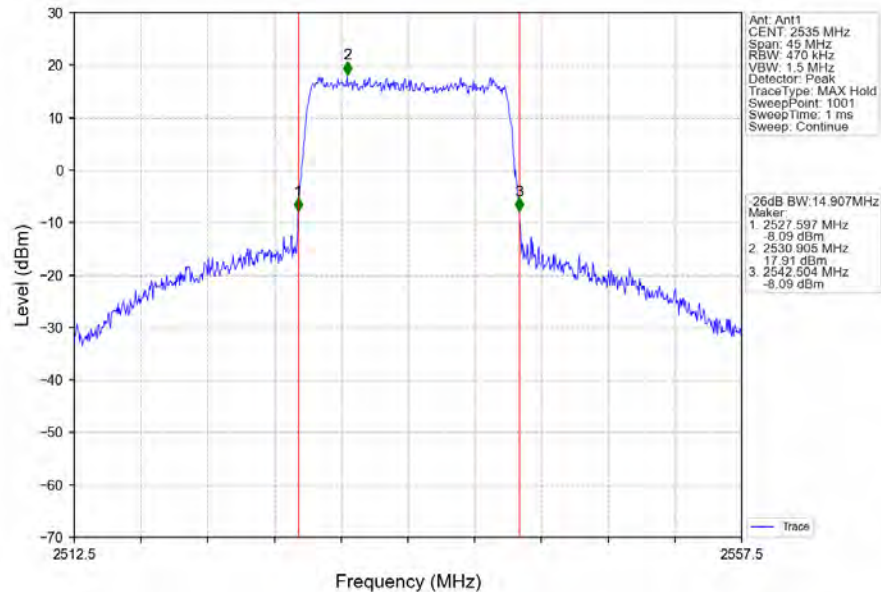
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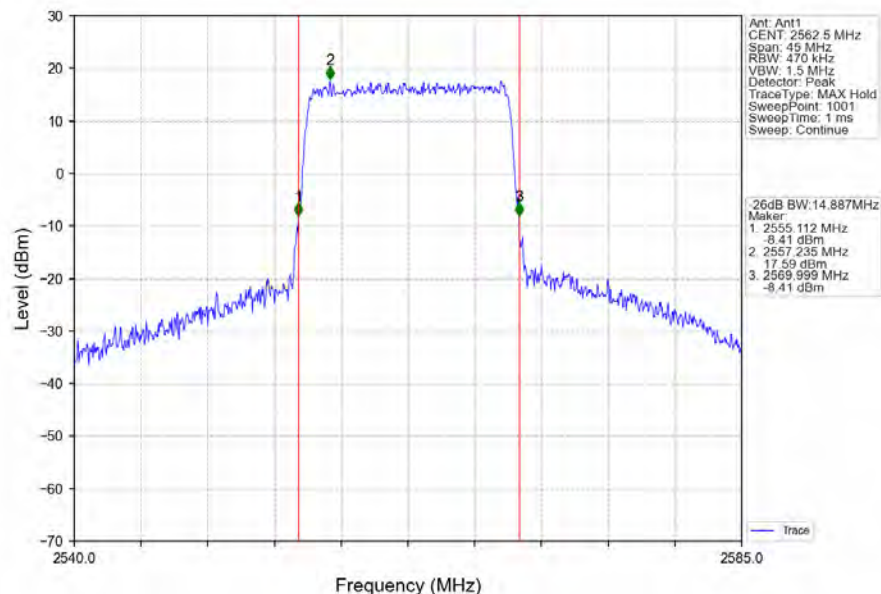
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Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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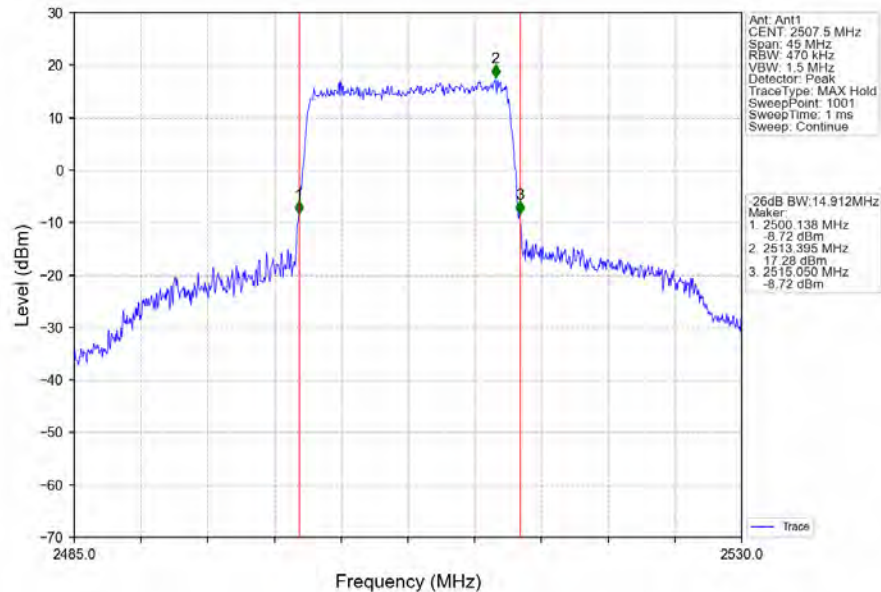
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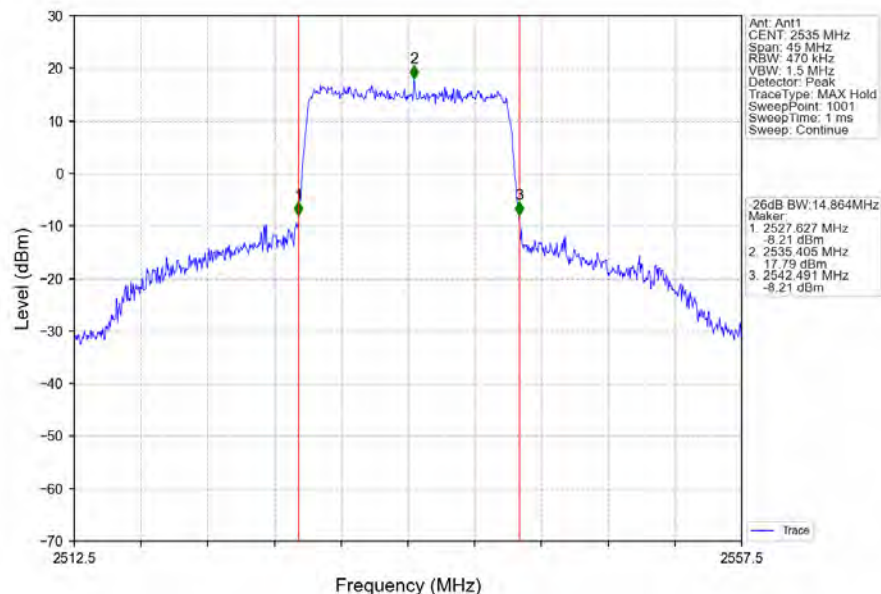
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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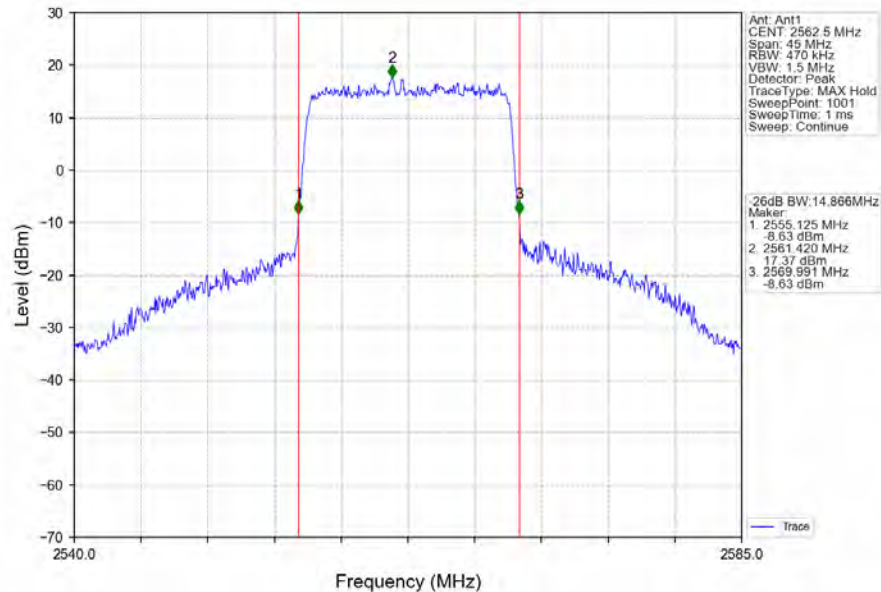
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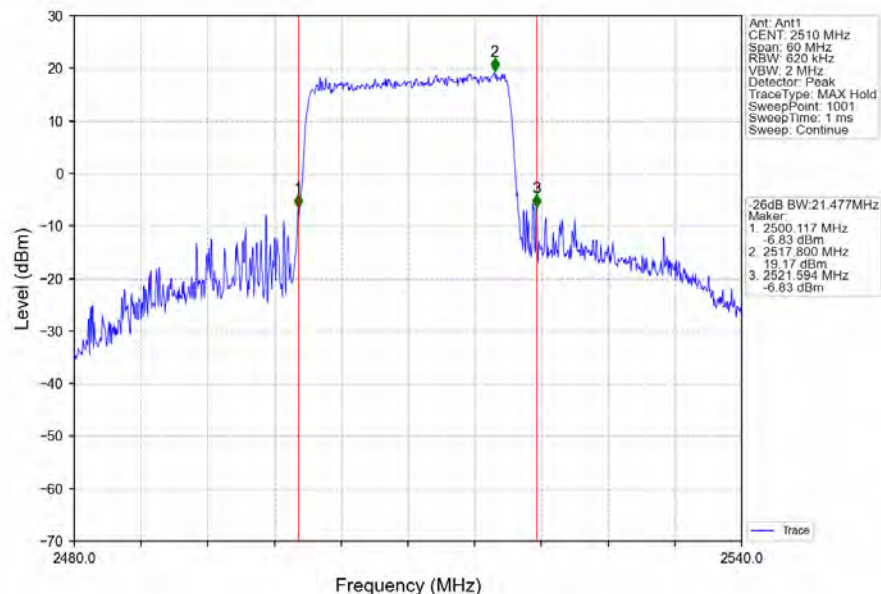
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



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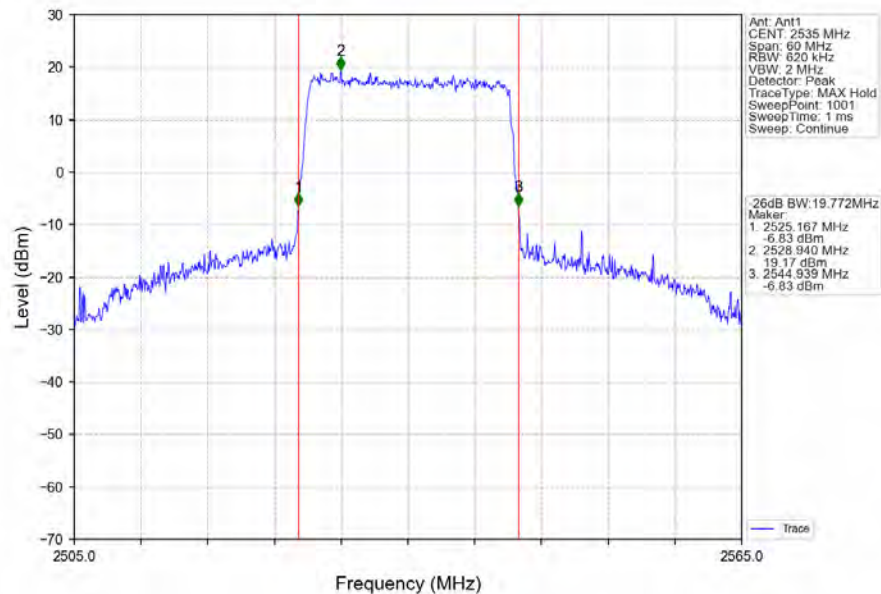
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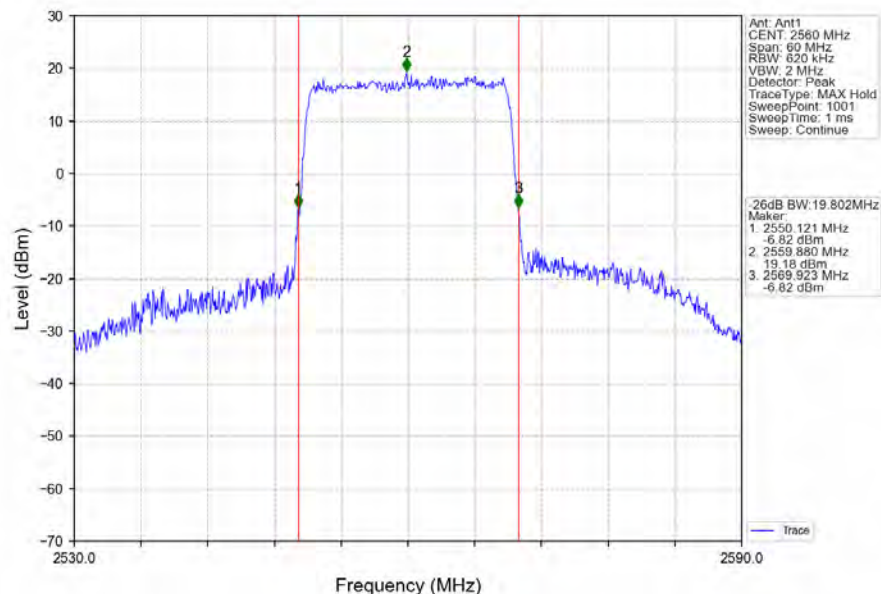
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



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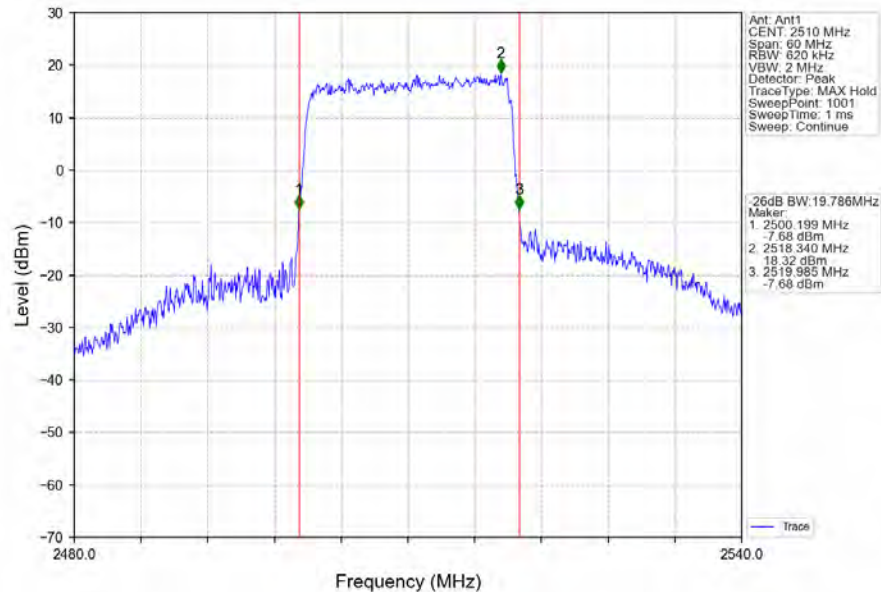
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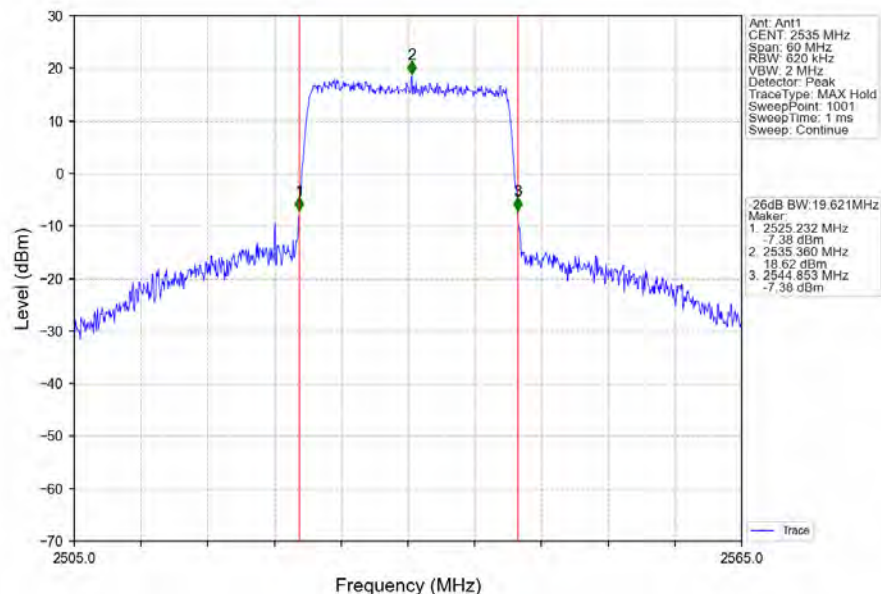
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Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



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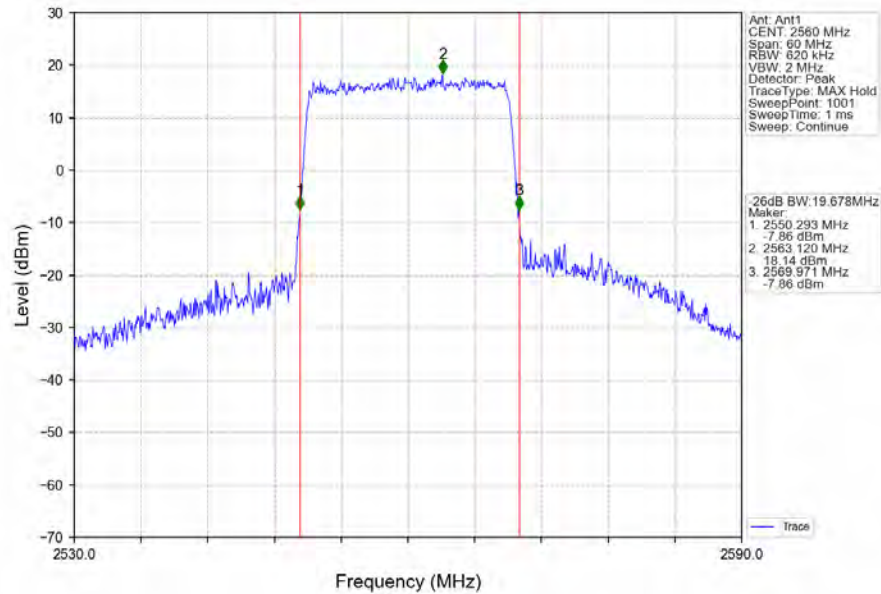
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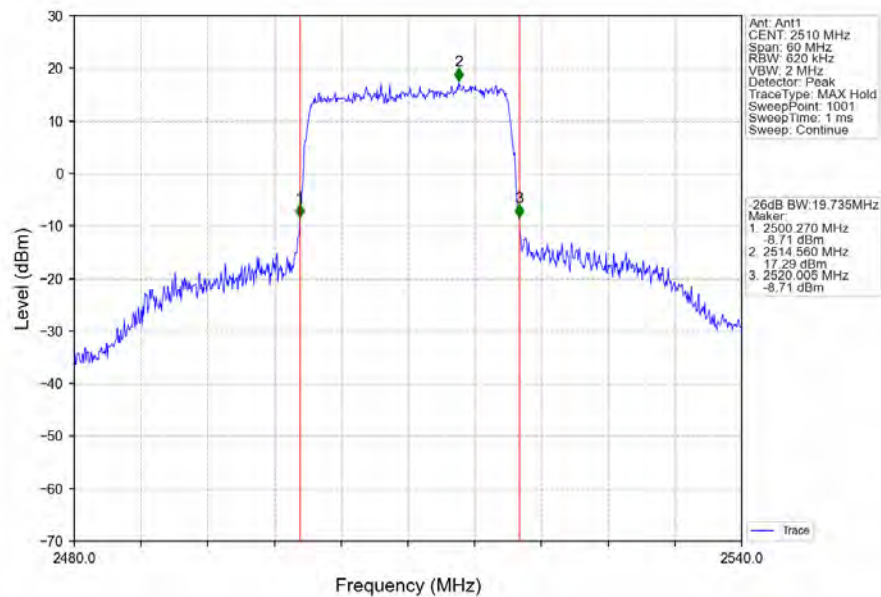
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Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



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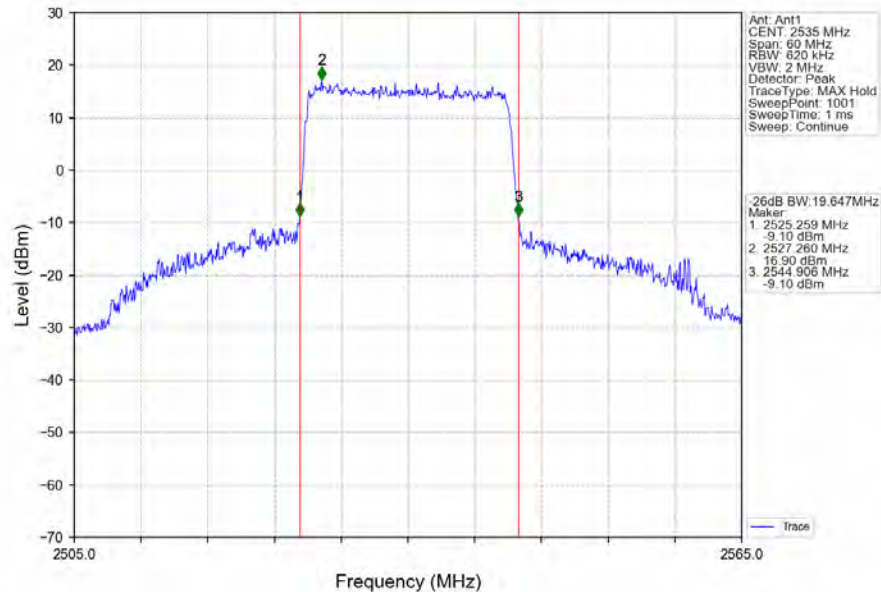
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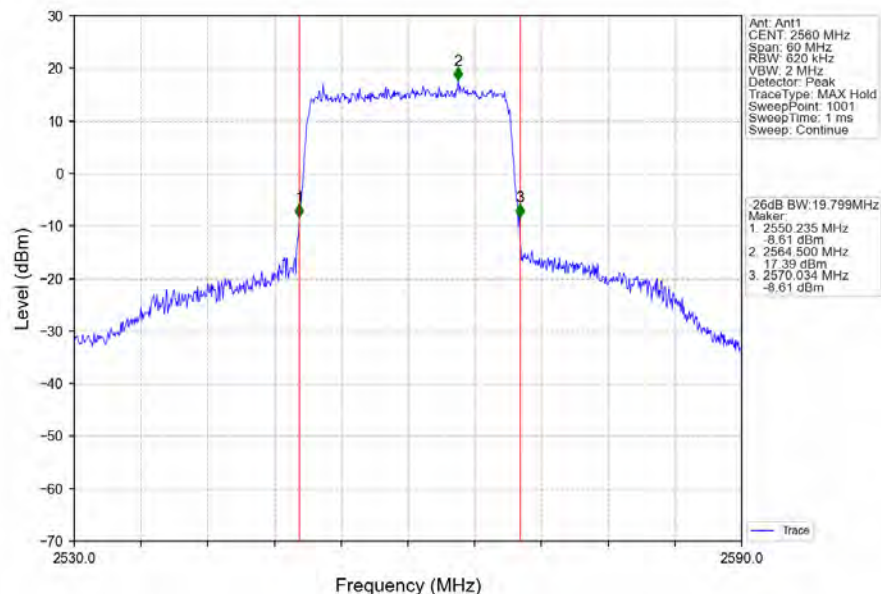
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Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B7_5MHz

5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.64	<=13	Pass
	2535	25	0	5.19	<=13	Pass
	2567.5	25	0	5.34	<=13	Pass
16QAM	2502.5	25	0	6.33	<=13	Pass
	2535	25	0	5.88	<=13	Pass
	2567.5	25	0	5.99	<=13	Pass
64QAM	2502.5	25	0	6.07	<=13	Pass
	2535	25	0	5.69	<=13	Pass
	2567.5	25	0	5.77	<=13	Pass



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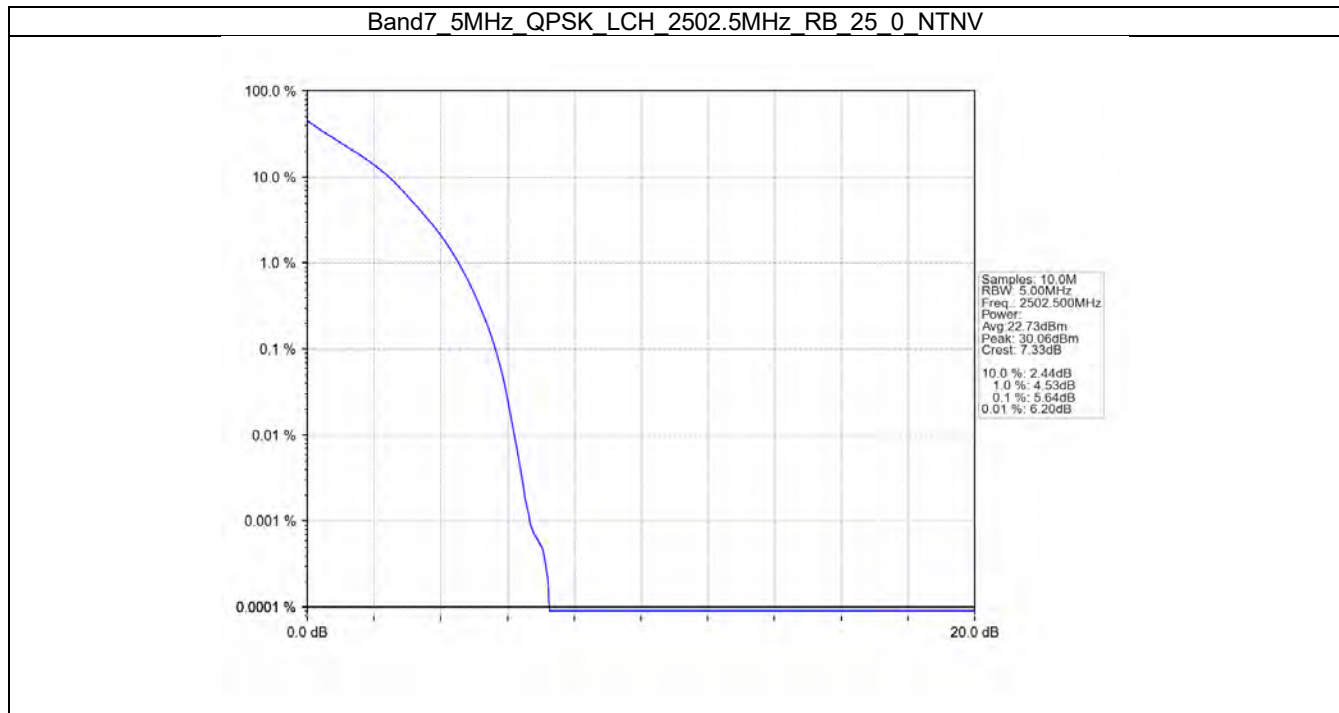
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5.1.2 Test Graph



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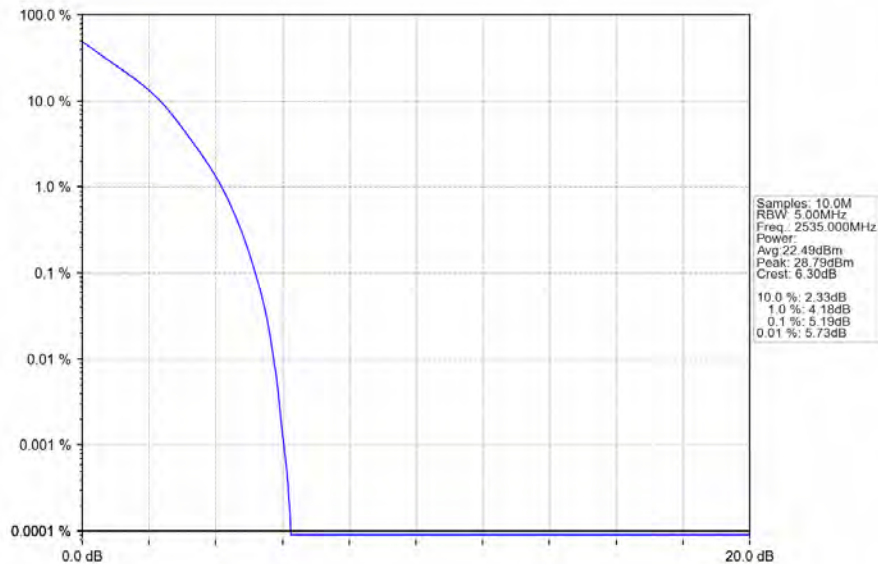
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Band7_5MHz_QPSK_MCH_2535MHz_RB_25_0_NTNV



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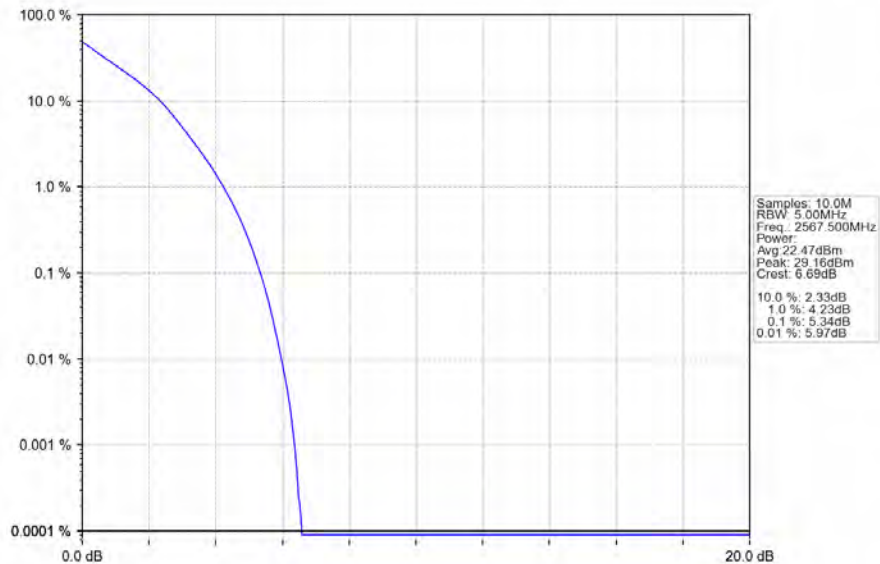
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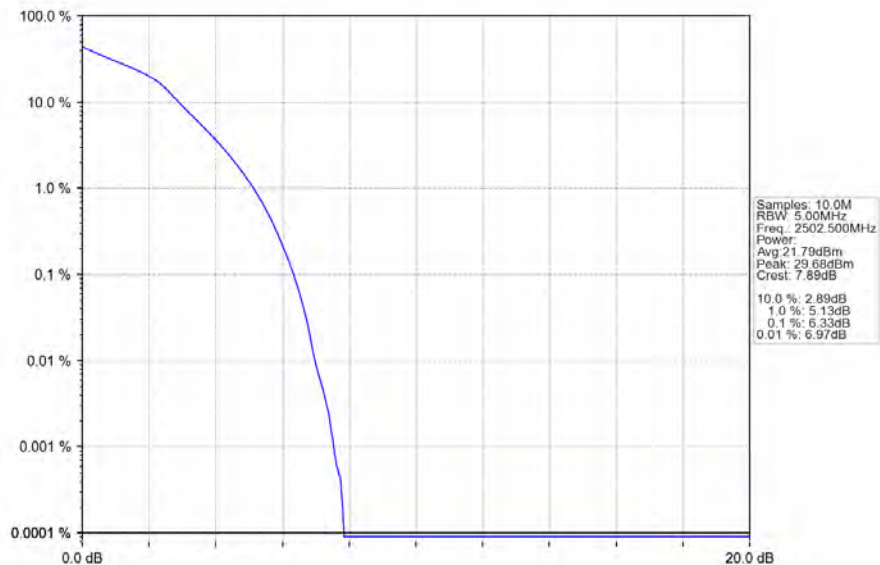
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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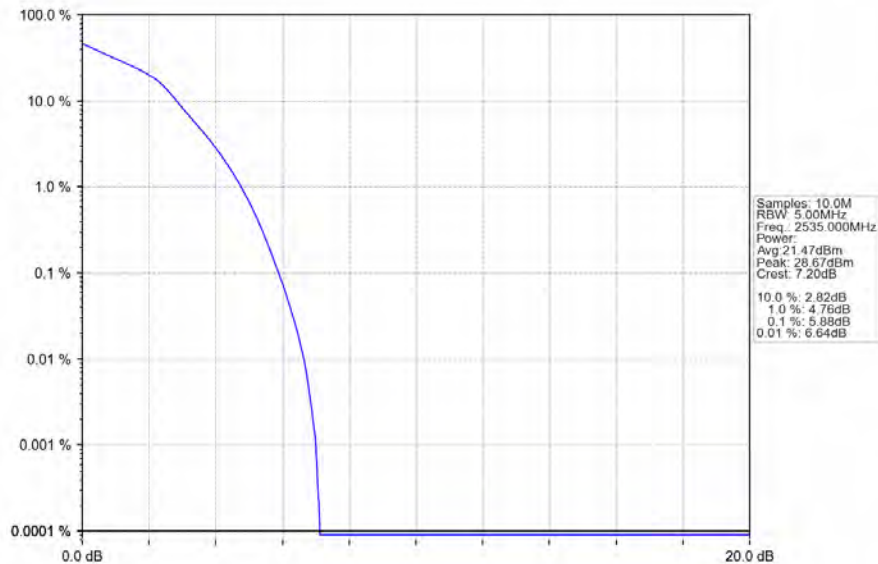
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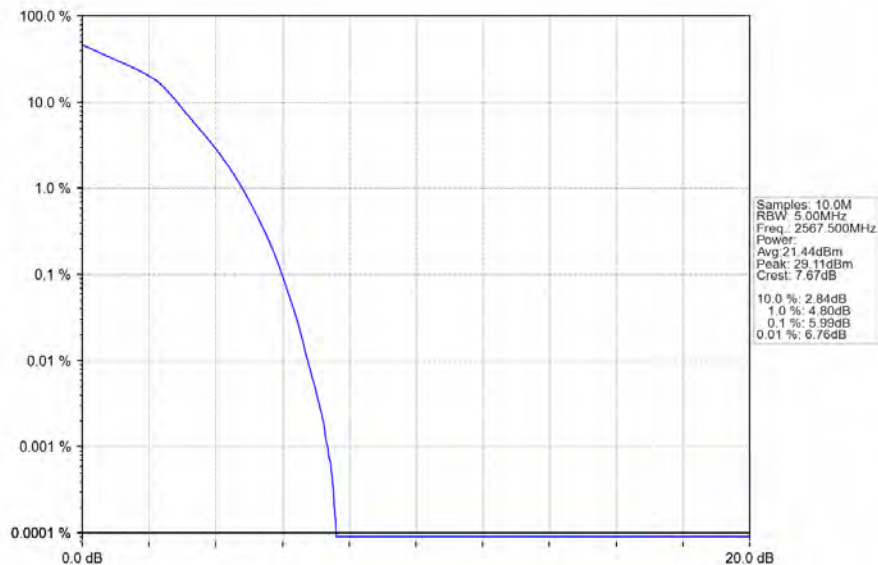
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Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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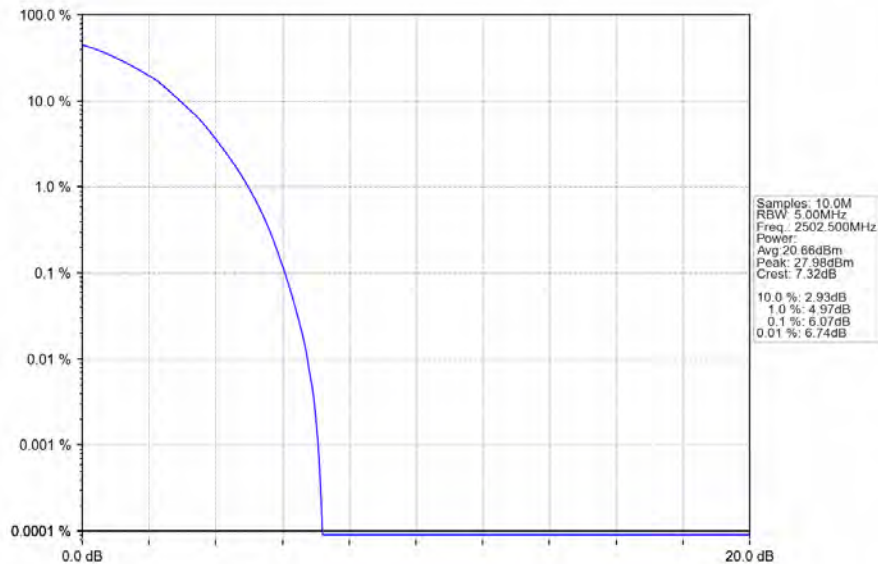
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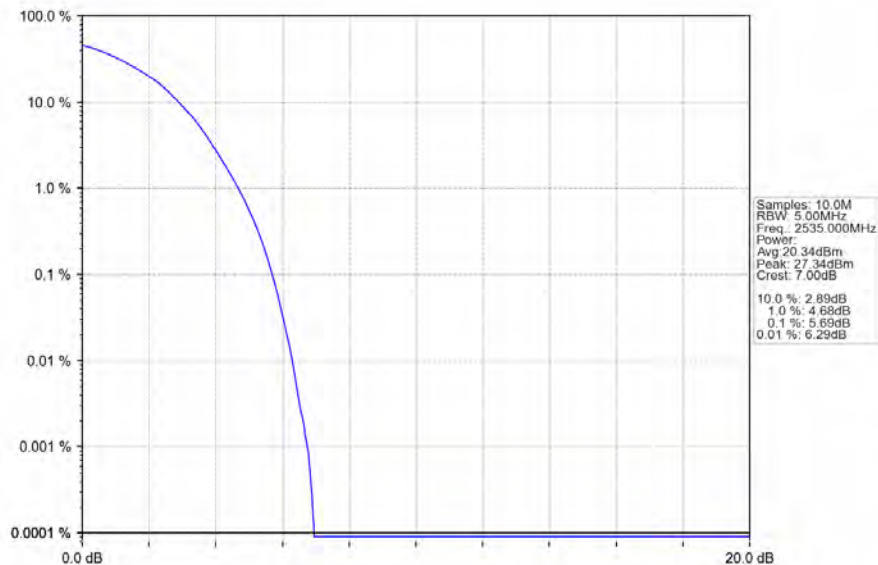
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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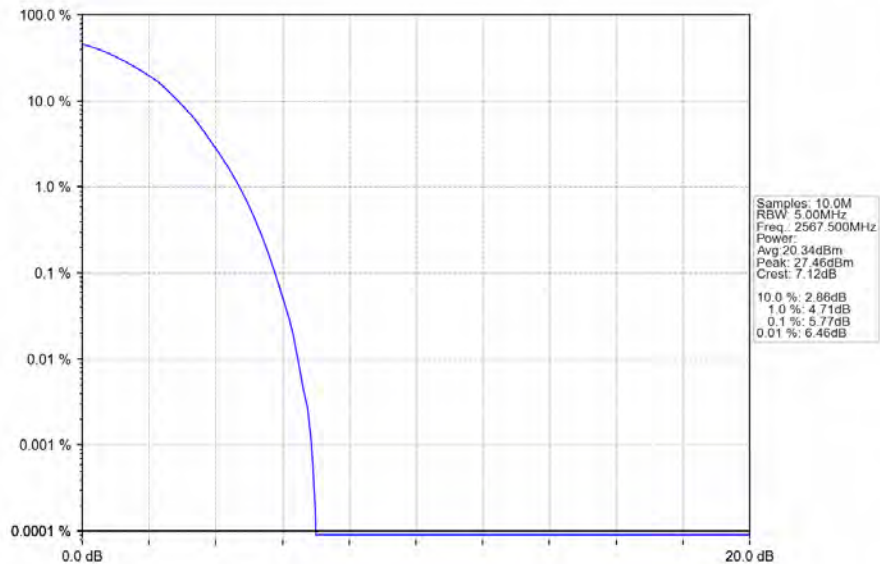
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5.2 B7_10MHz

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	5.71	<=13	Pass
	2535	50	0	5.18	<=13	Pass
	2565	50	0	5.41	<=13	Pass
16QAM	2505	50	0	6.42	<=13	Pass
	2535	50	0	5.94	<=13	Pass
	2565	50	0	6.14	<=13	Pass
64QAM	2505	50	0	6.18	<=13	Pass
	2535	50	0	5.71	<=13	Pass
	2565	50	0	5.94	<=13	Pass



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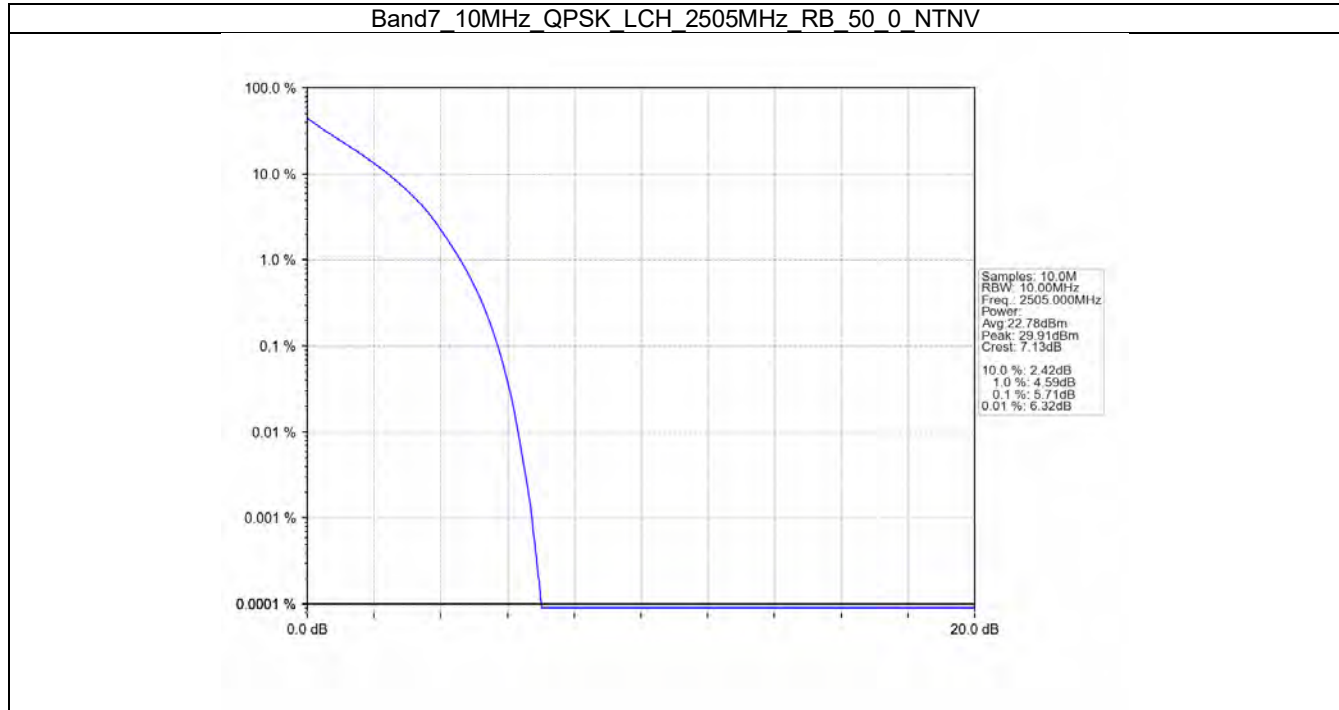
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5.2.2 Test Graph



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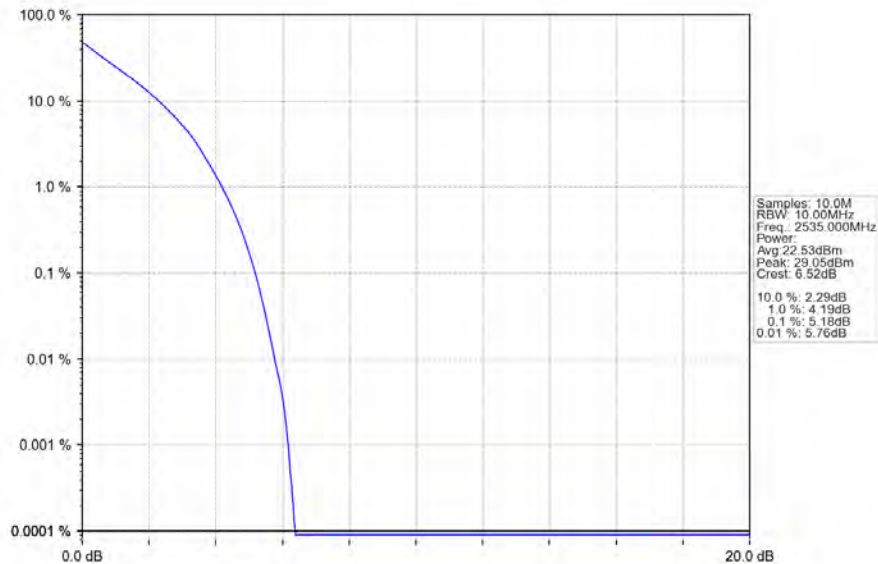
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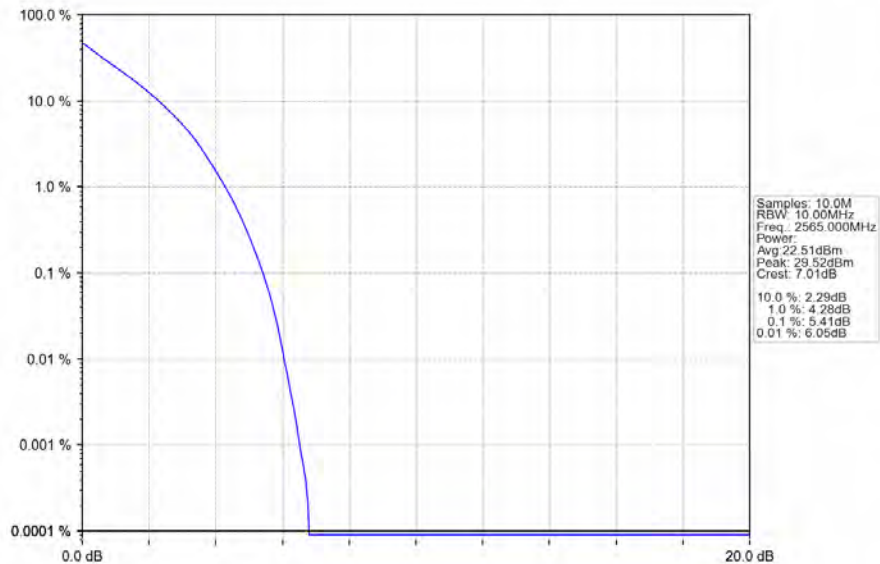
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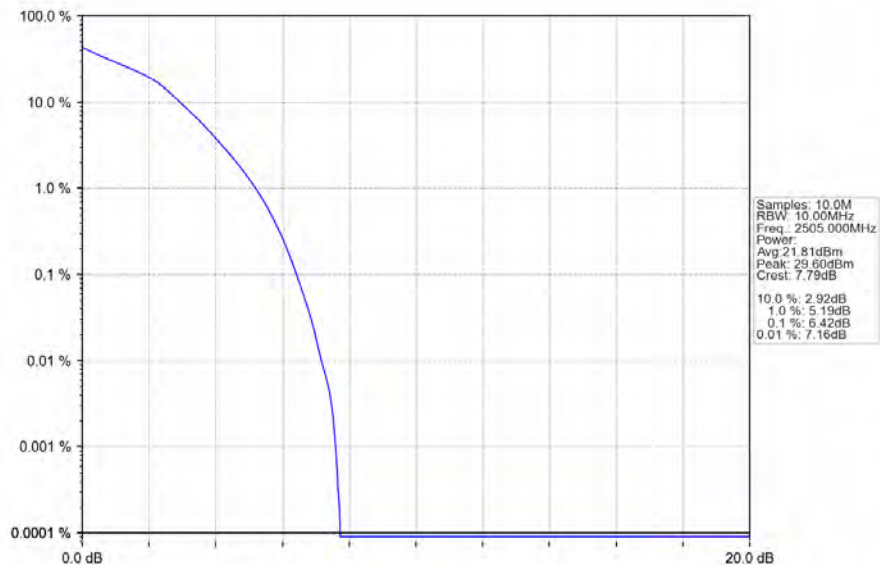
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Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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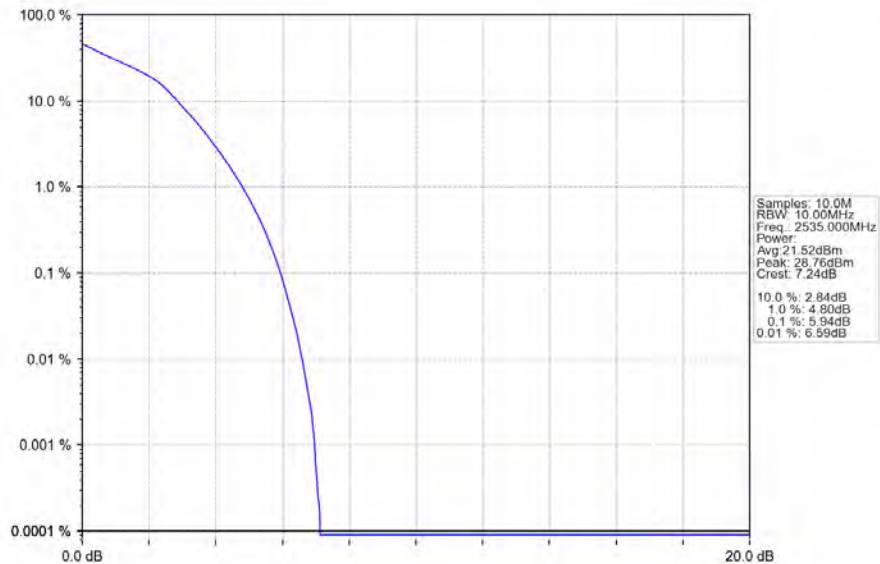
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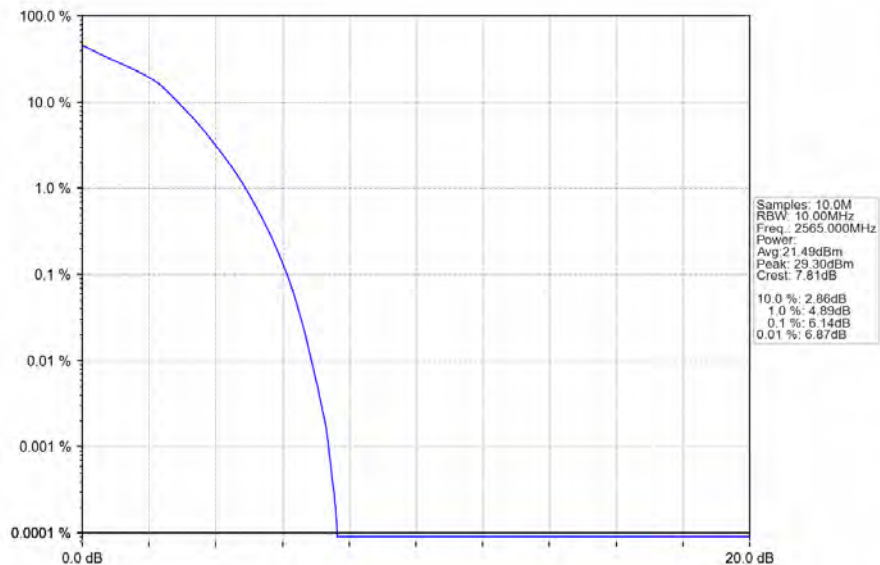
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Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



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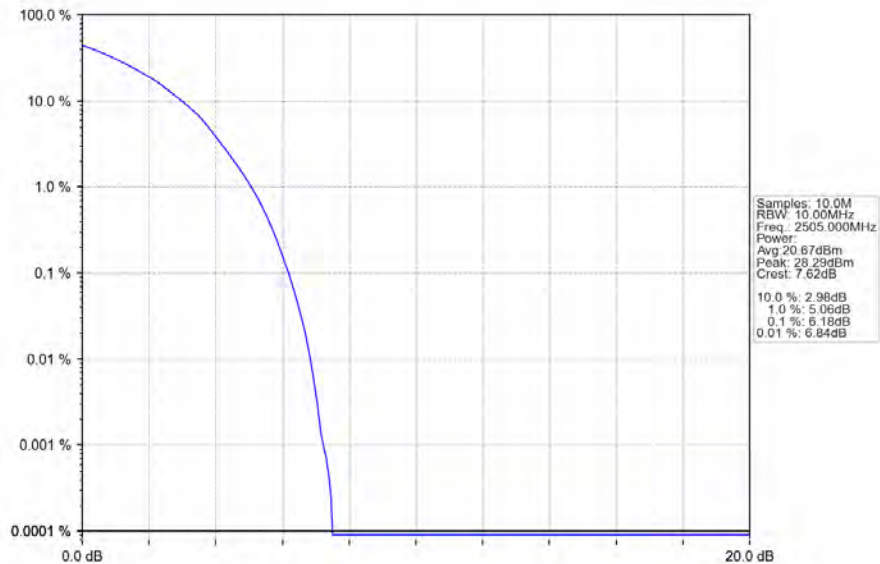
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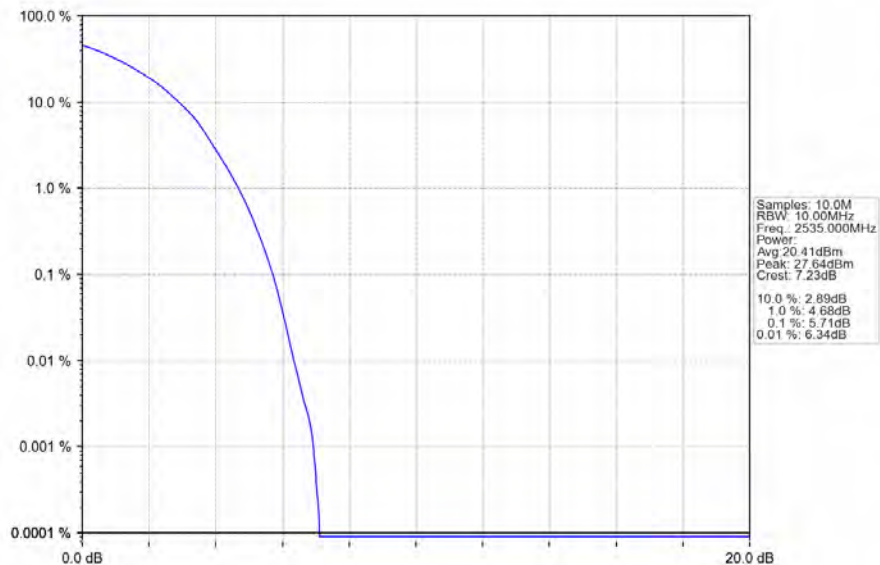
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Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



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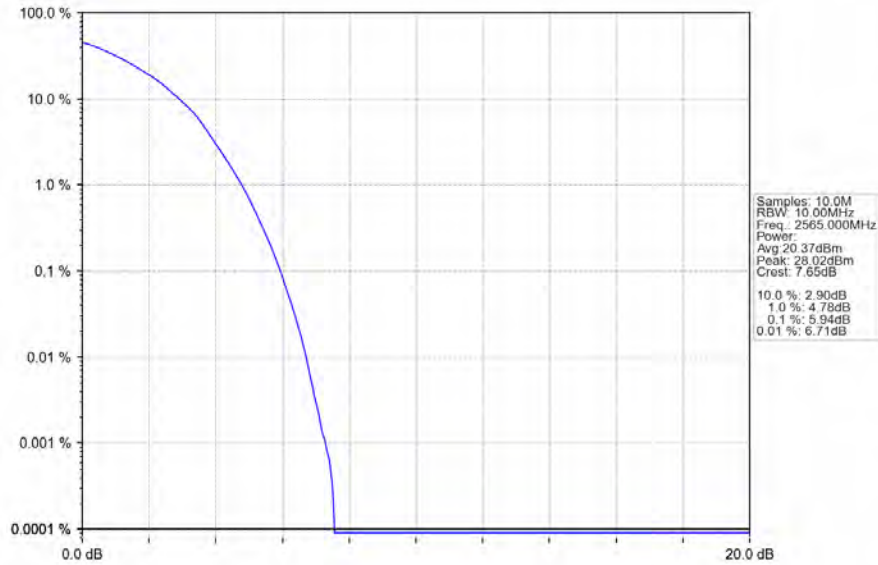
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5.3 B7_15MHz

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	5.97	<=13	Pass
	2535	75	0	5.46	<=13	Pass
	2562.5	75	0	5.72	<=13	Pass
16QAM	2507.5	75	0	6.53	<=13	Pass
	2535	75	0	6.02	<=13	Pass
	2562.5	75	0	6.25	<=13	Pass
64QAM	2507.5	75	0	6.23	<=13	Pass
	2535	75	0	5.76	<=13	Pass
	2562.5	75	0	6.05	<=13	Pass



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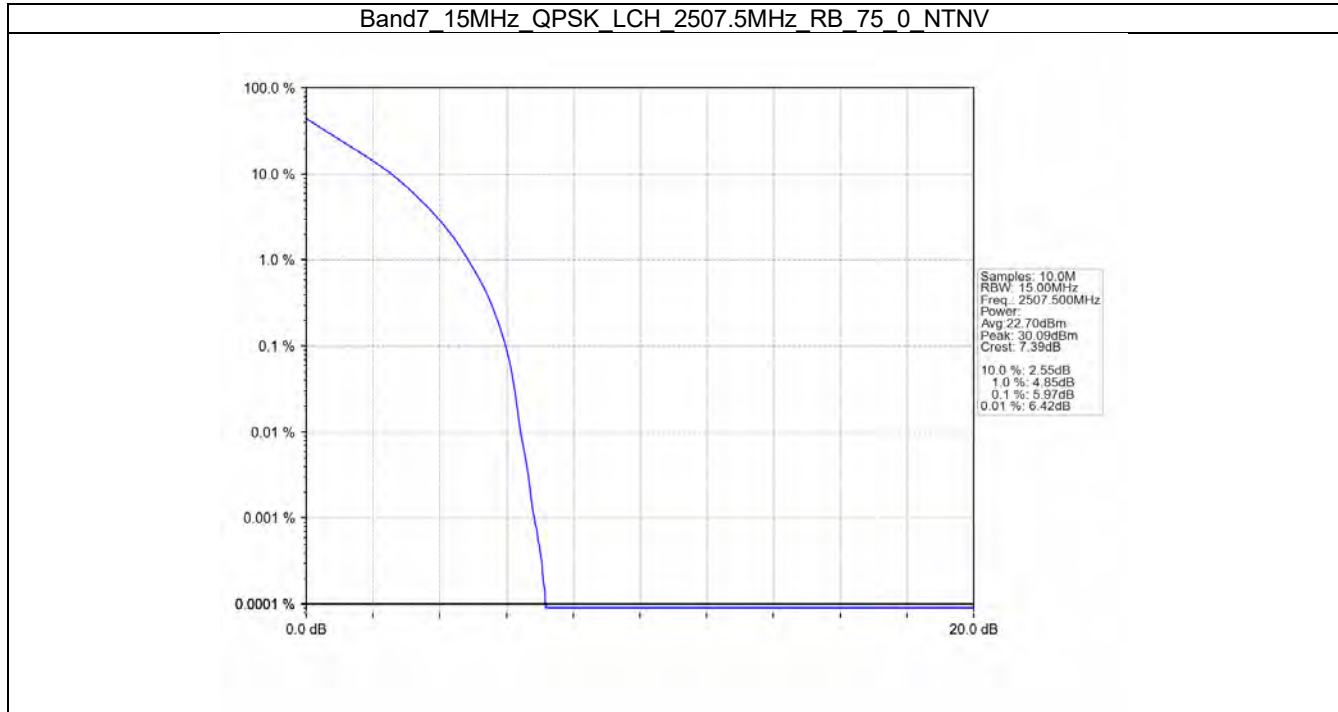
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5.3.2 Test Graph



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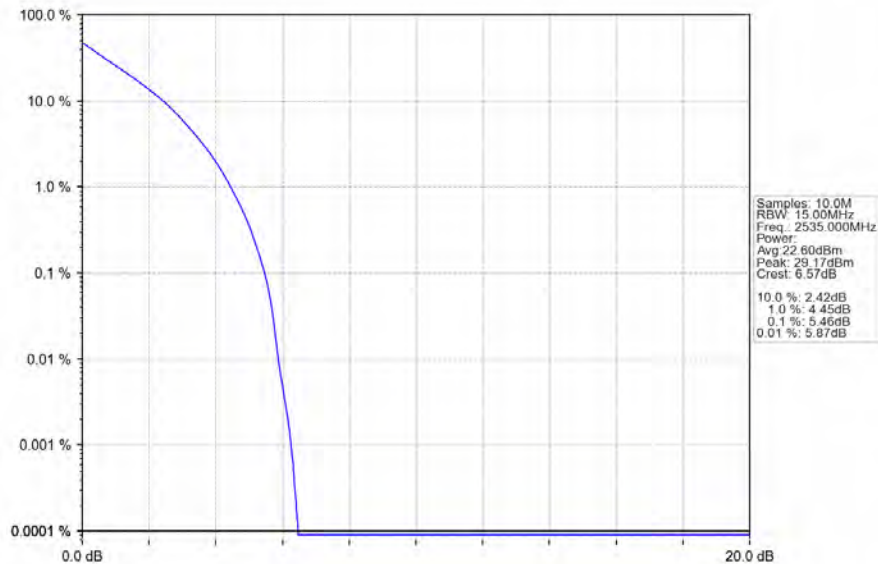
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Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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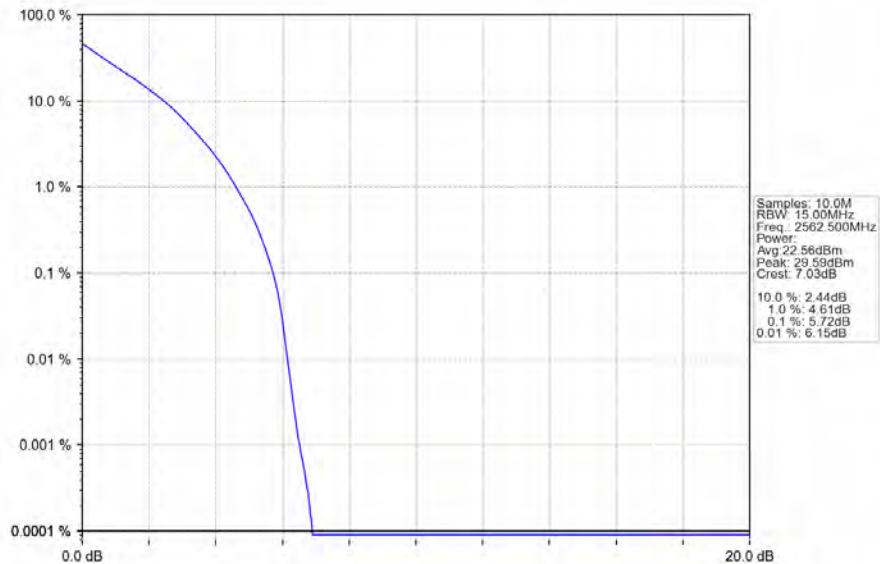
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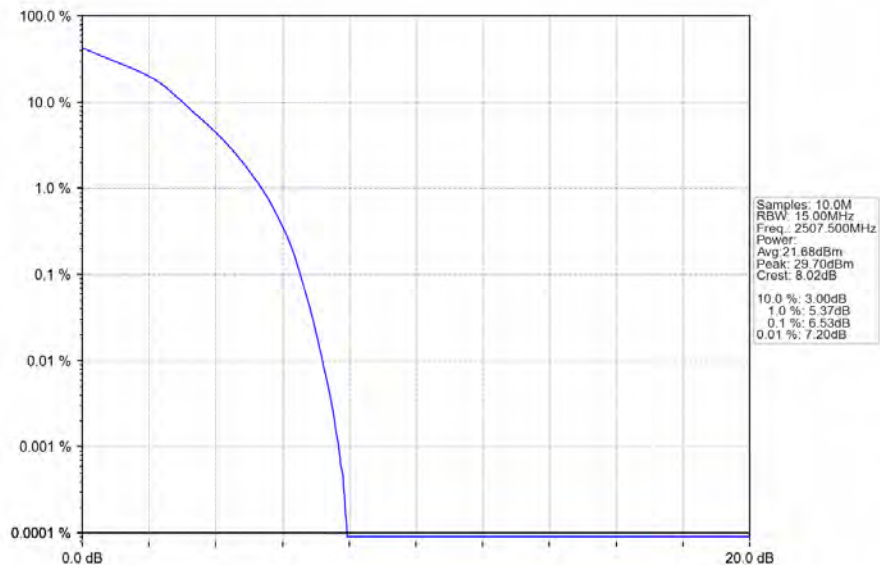
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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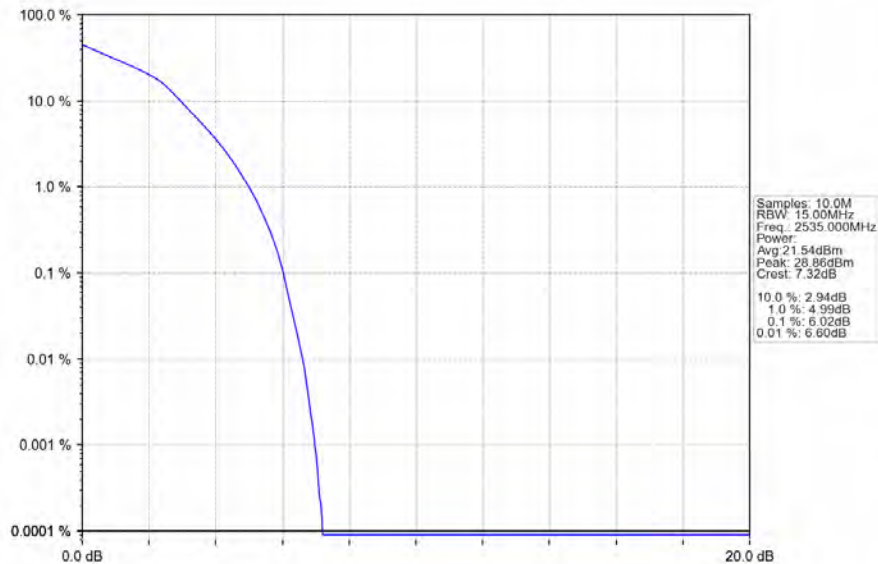
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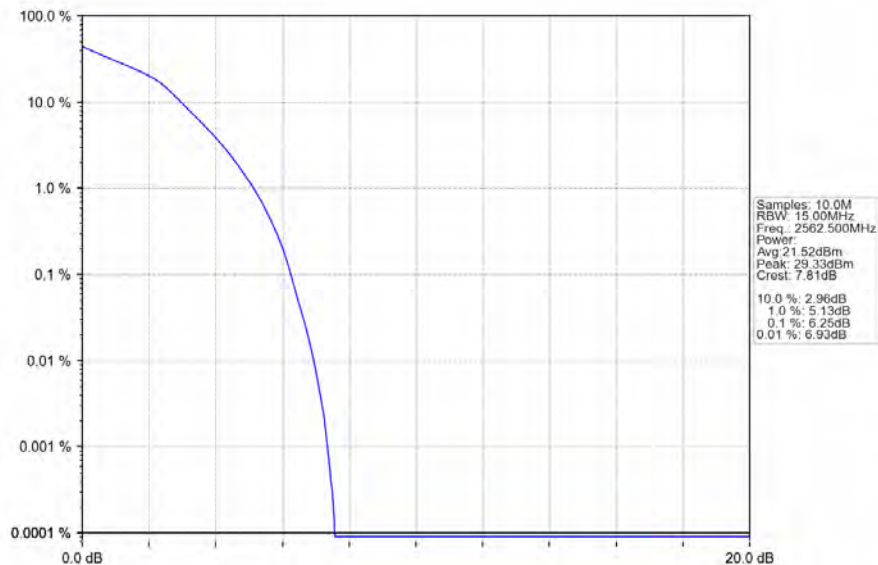
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Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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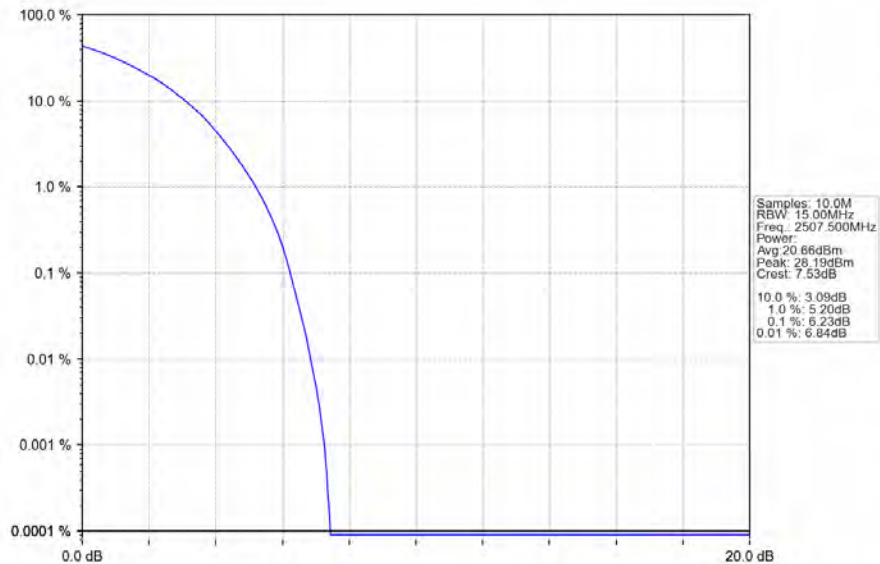
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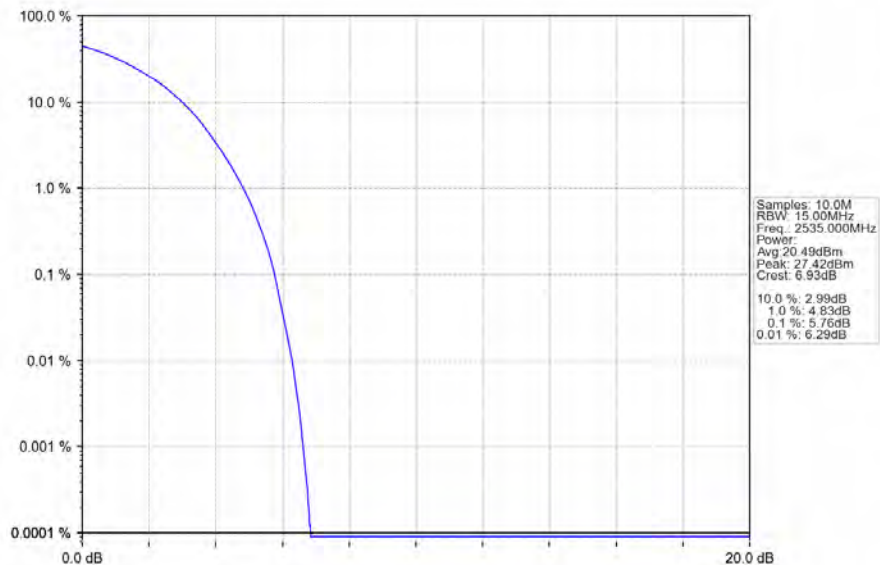
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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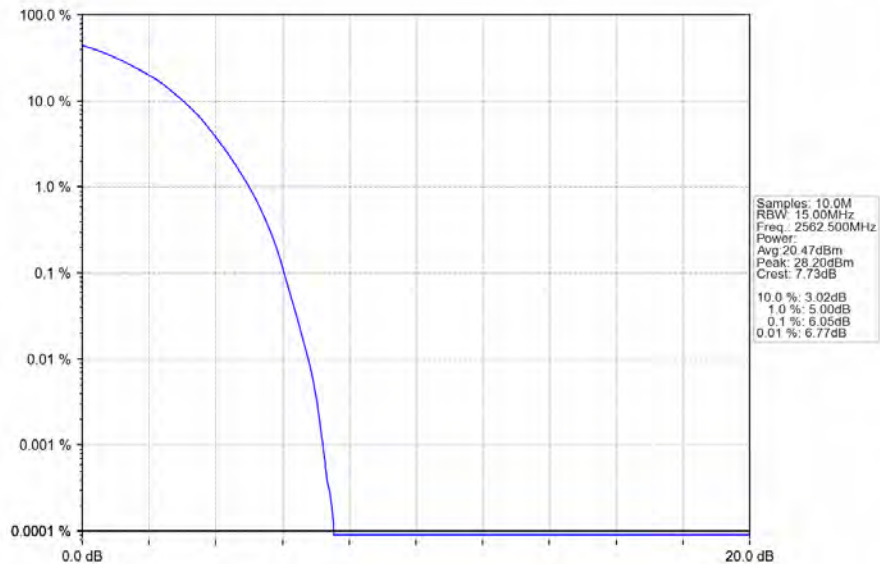
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



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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	5.58	<=13	Pass
	2535	100	0	5.24	<=13	Pass
	2560	100	0	5.47	<=13	Pass
16QAM	2510	100	0	6.37	<=13	Pass
	2535	100	0	5.97	<=13	Pass
	2560	100	0	6.21	<=13	Pass
64QAM	2510	100	0	6.16	<=13	Pass
	2535	100	0	5.71	<=13	Pass
	2560	100	0	6.07	<=13	Pass



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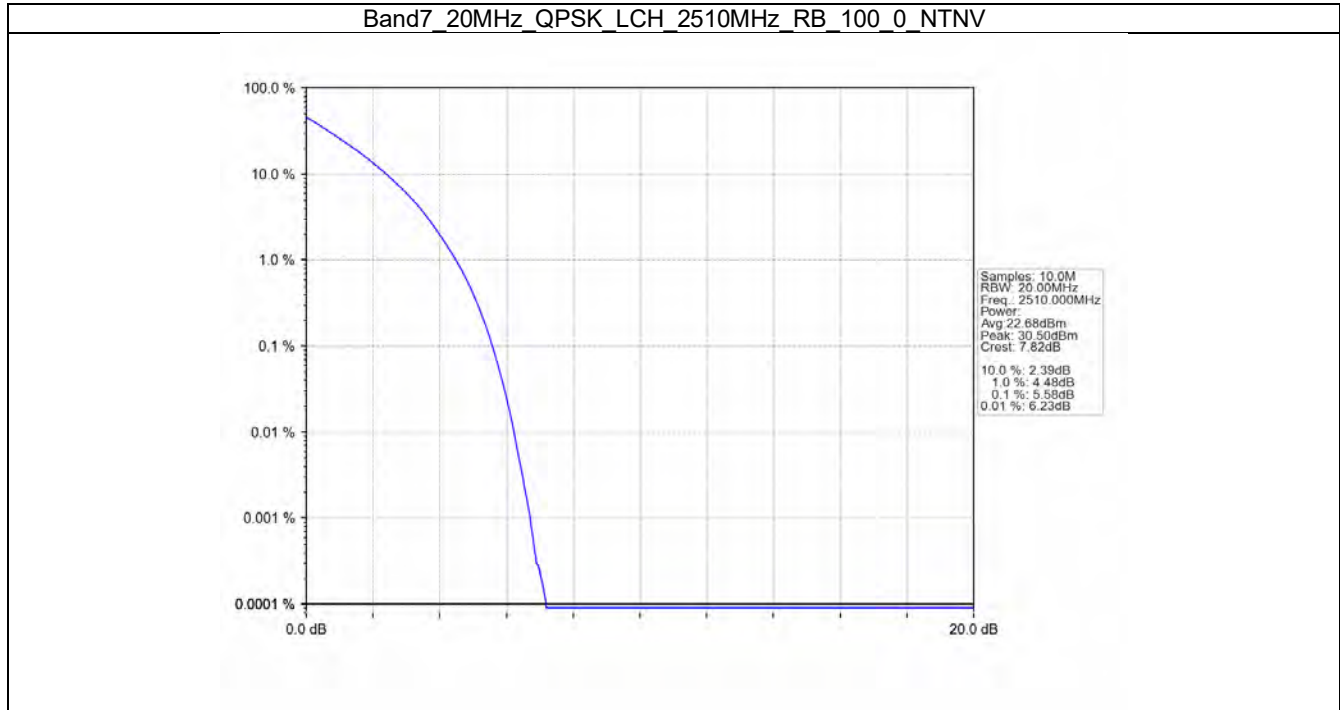
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5.4.2 Test Graph



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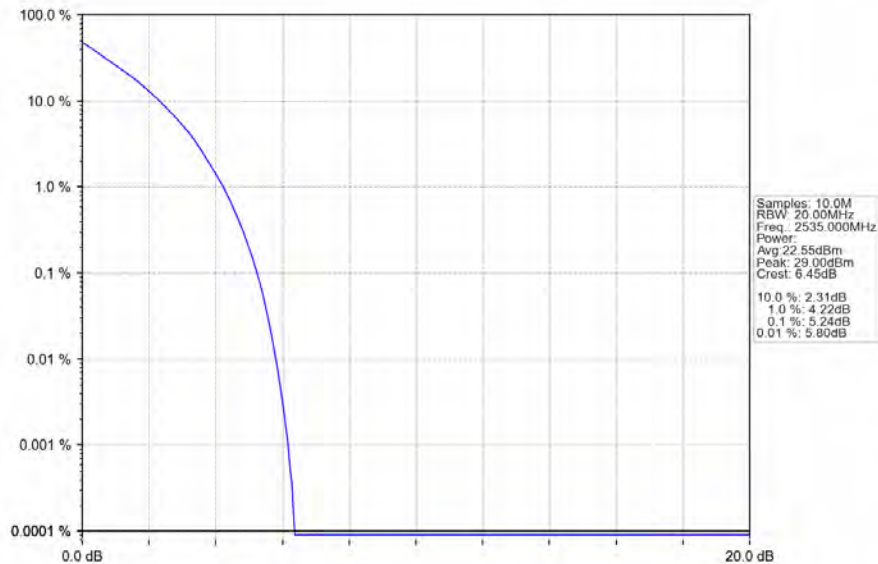
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Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



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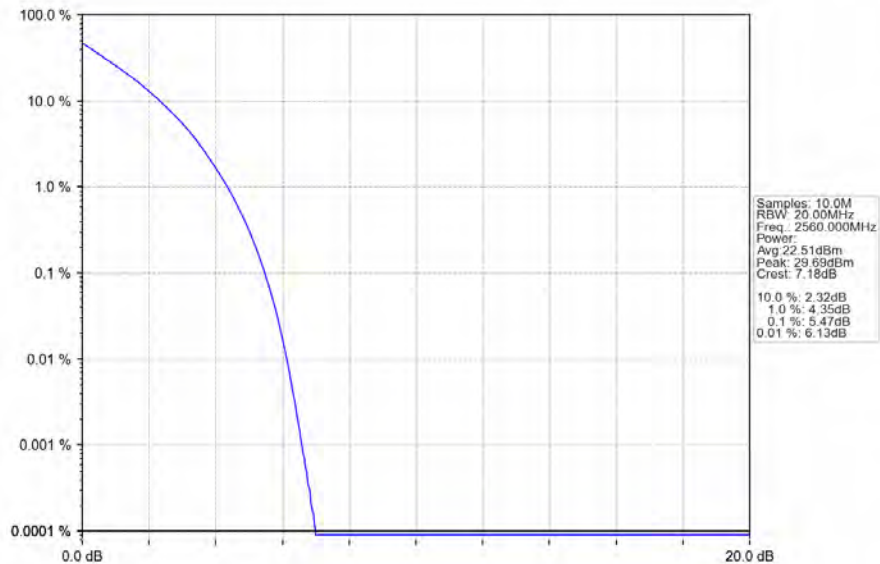
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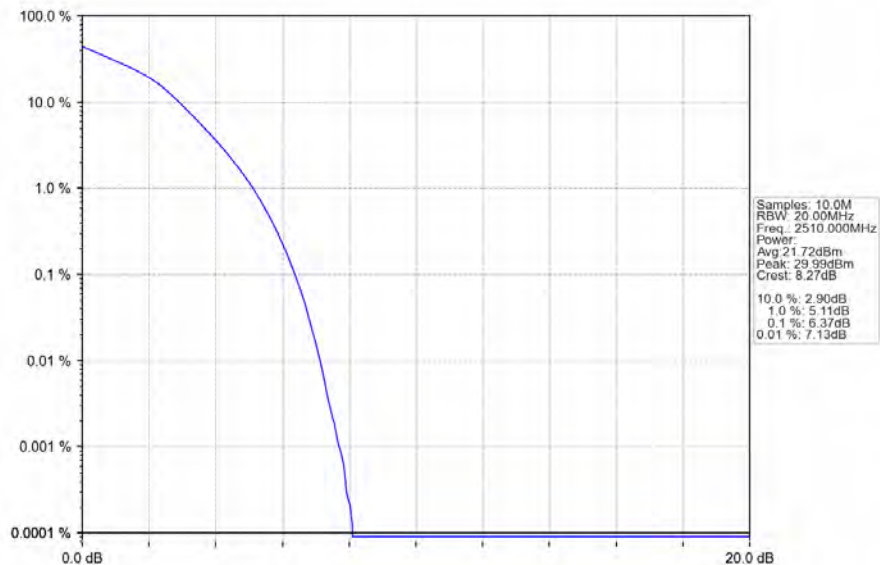
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Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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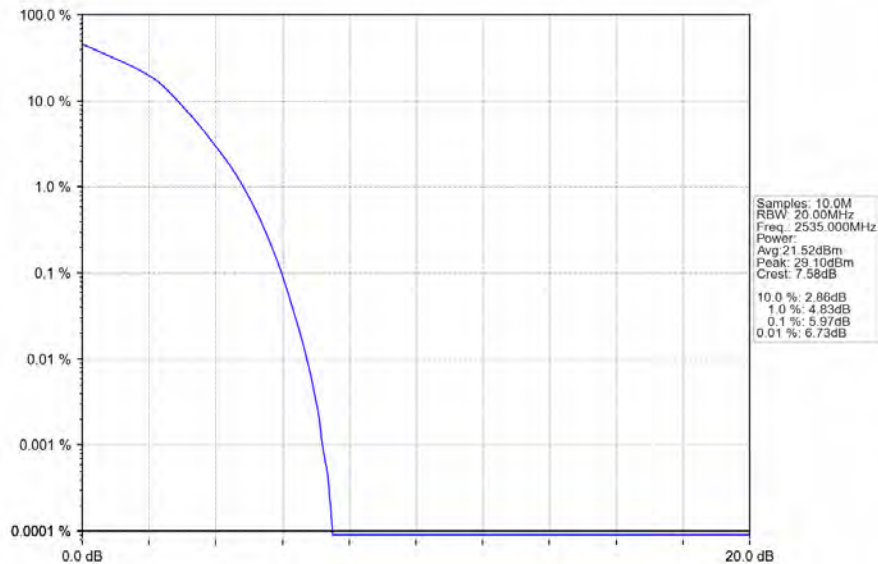
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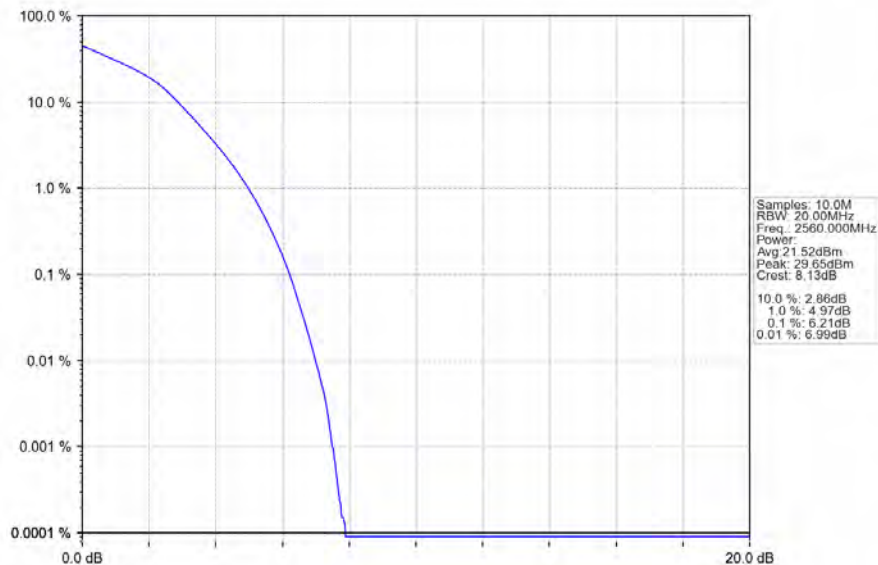
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Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



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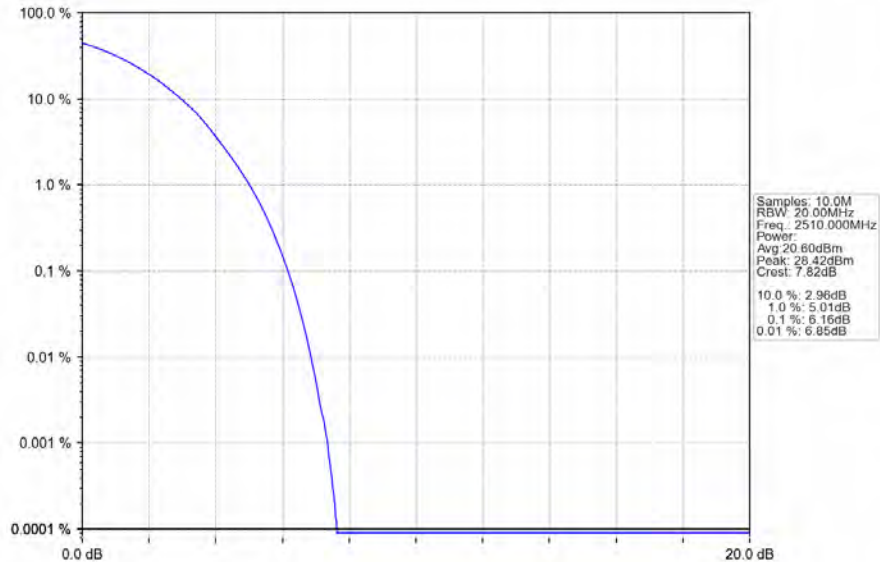
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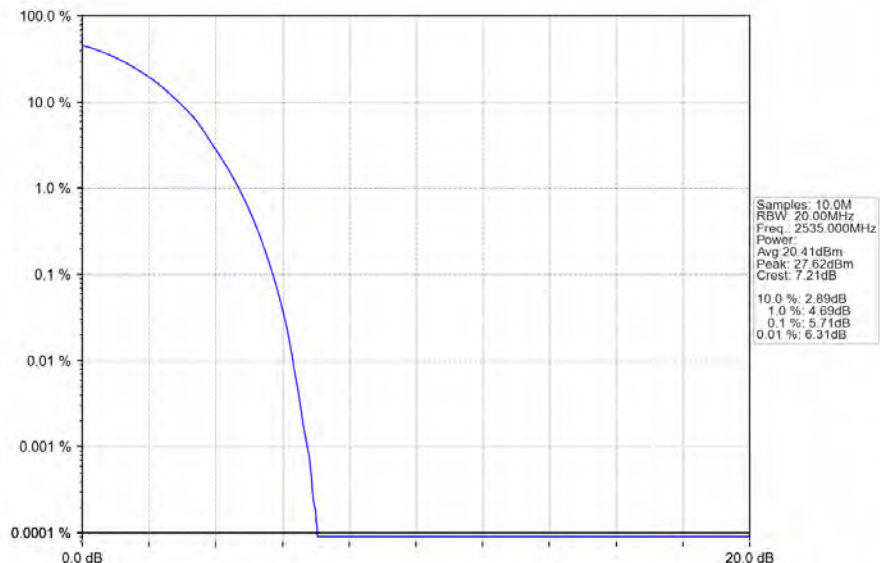
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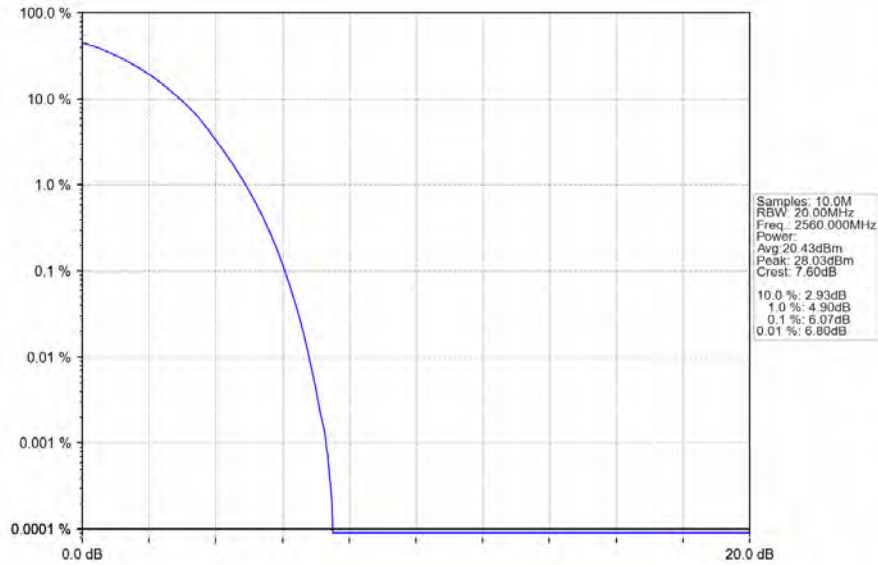
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6. Spurious Emission & Band Edge

6.1 B7_5MHz

6.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		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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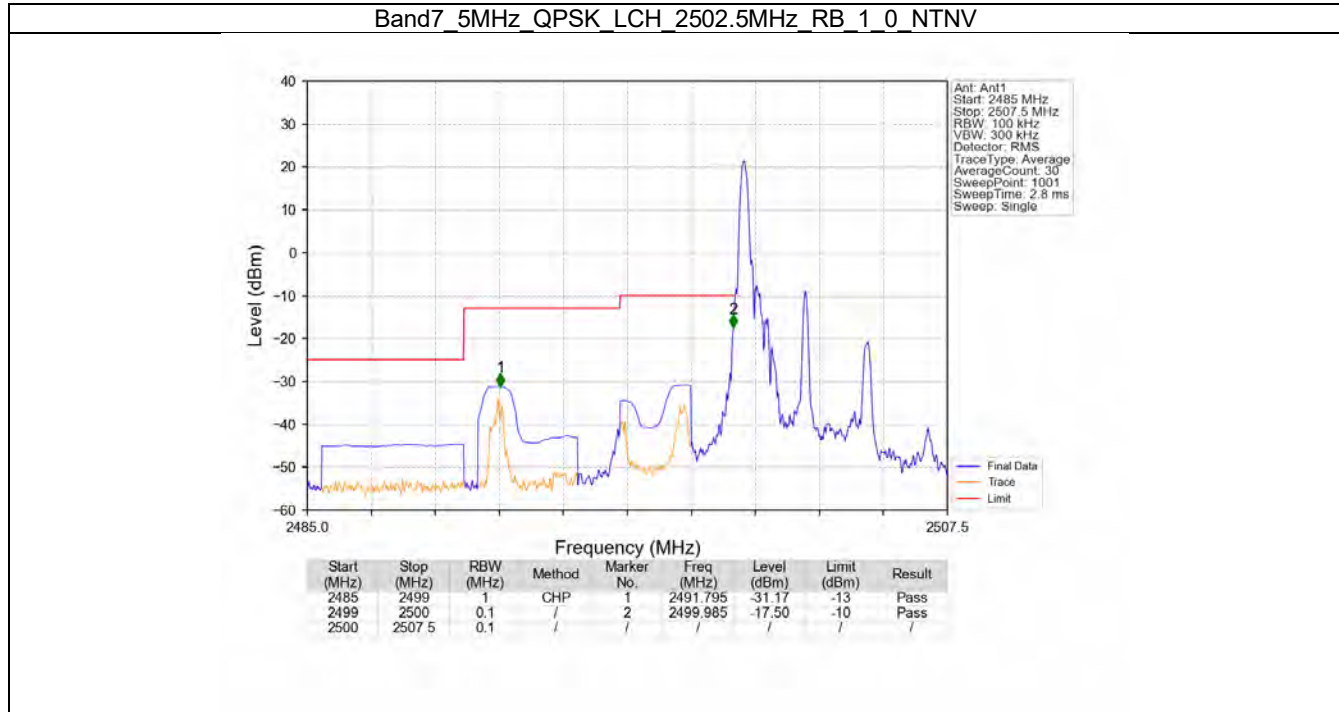
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6.1.2 Test Graph



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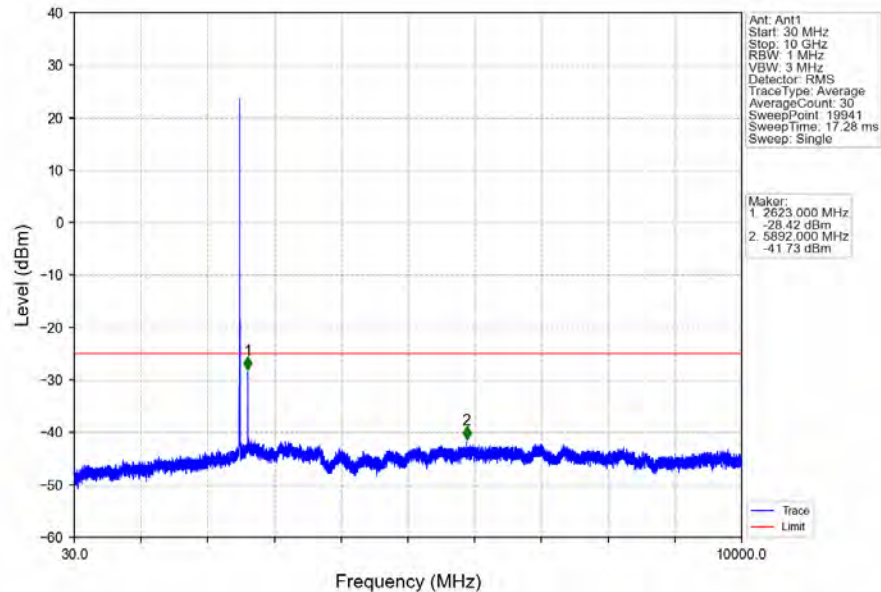
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



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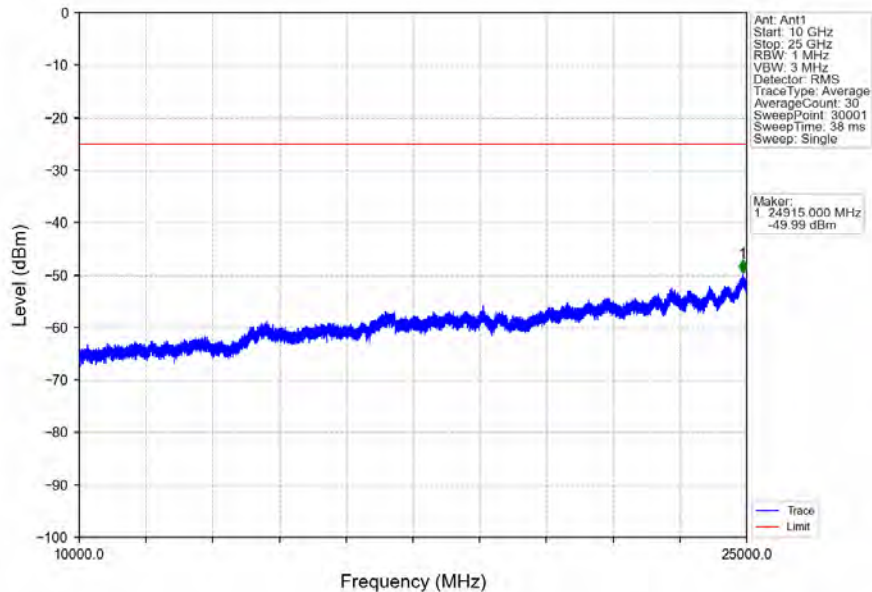
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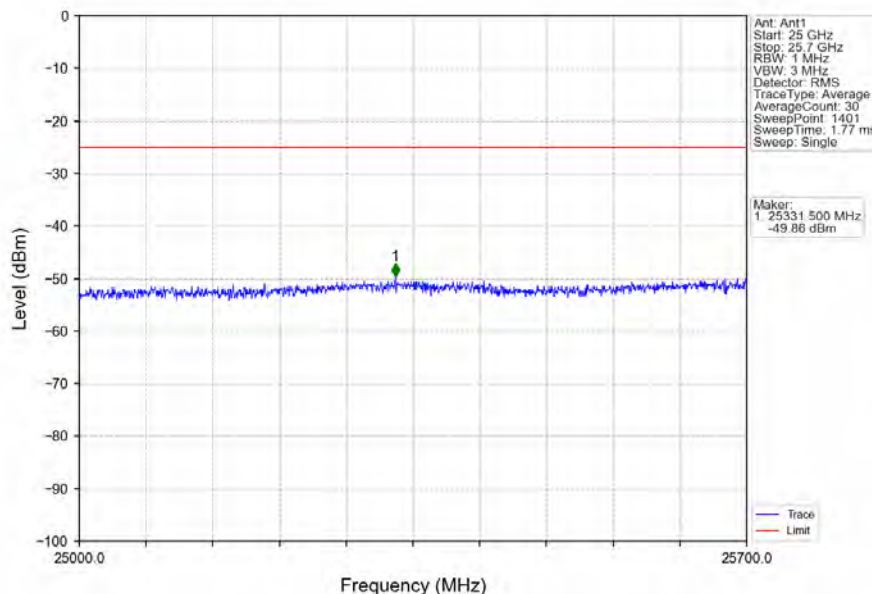
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



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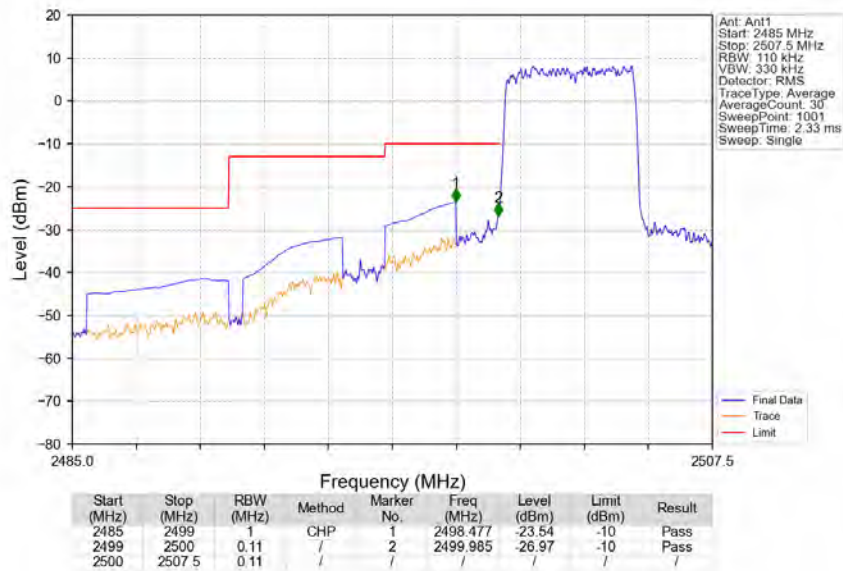
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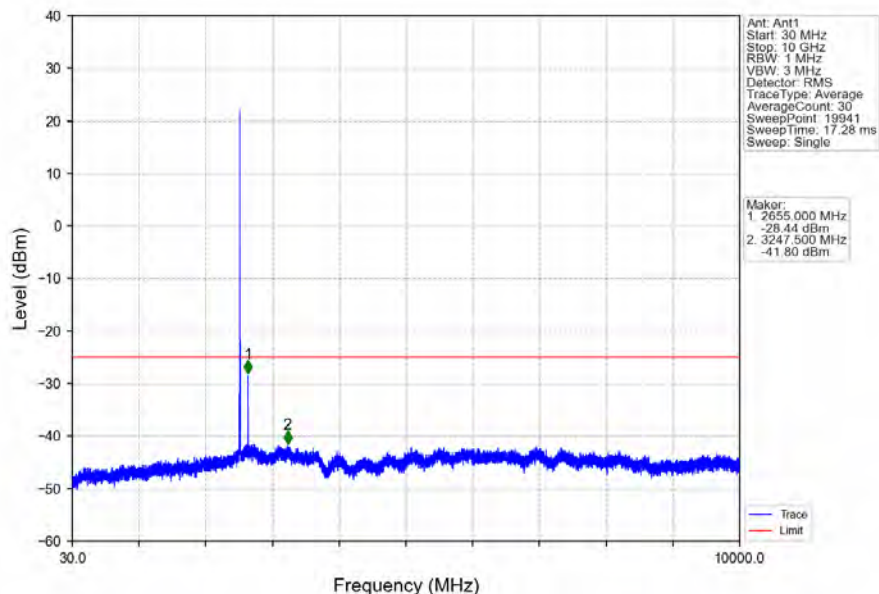
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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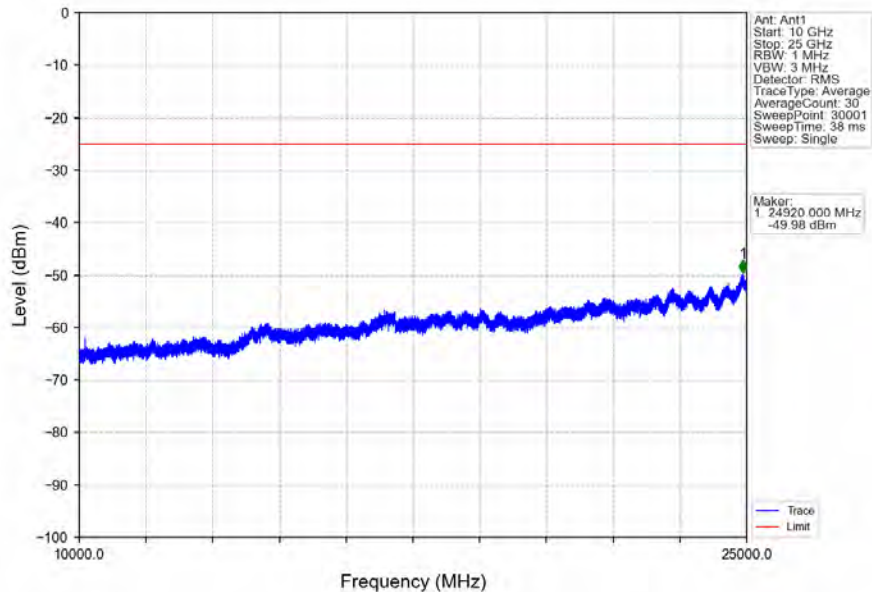
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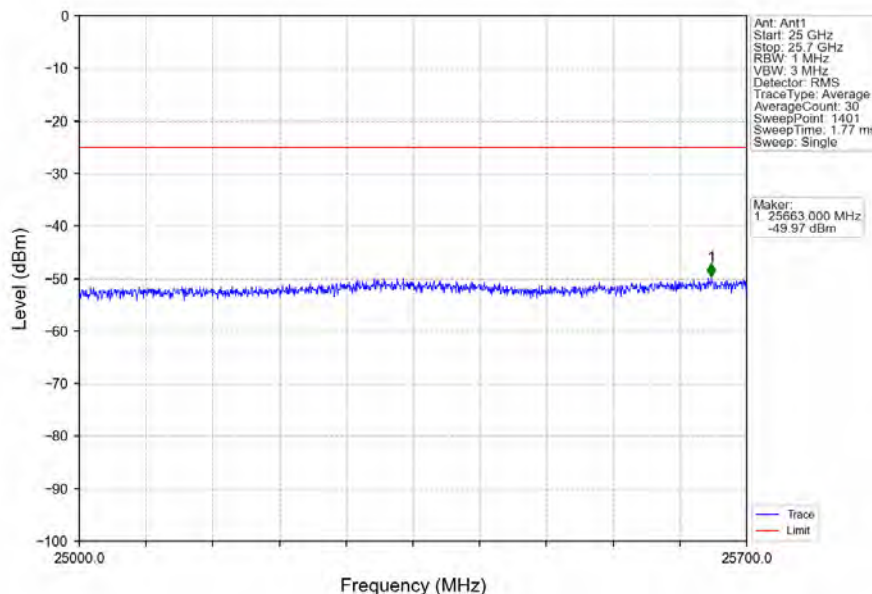
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Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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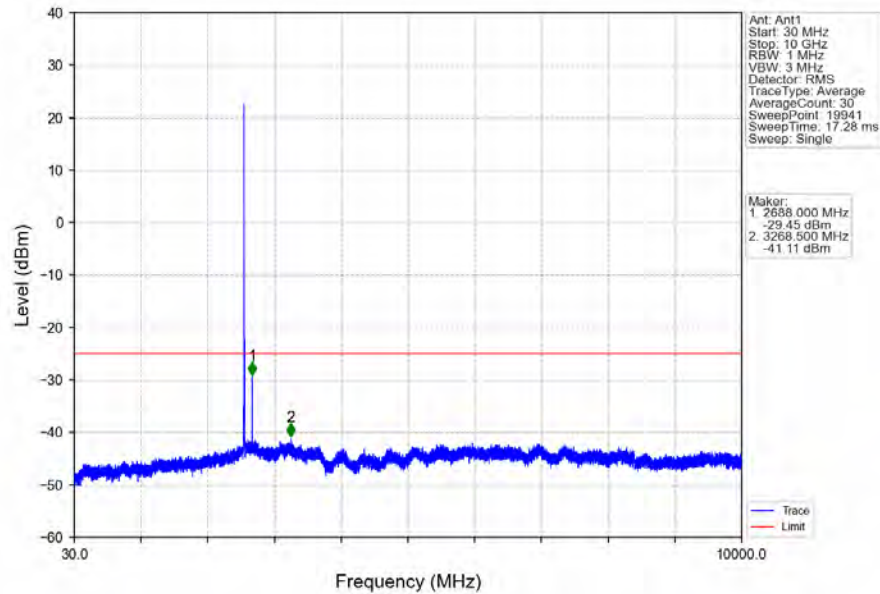
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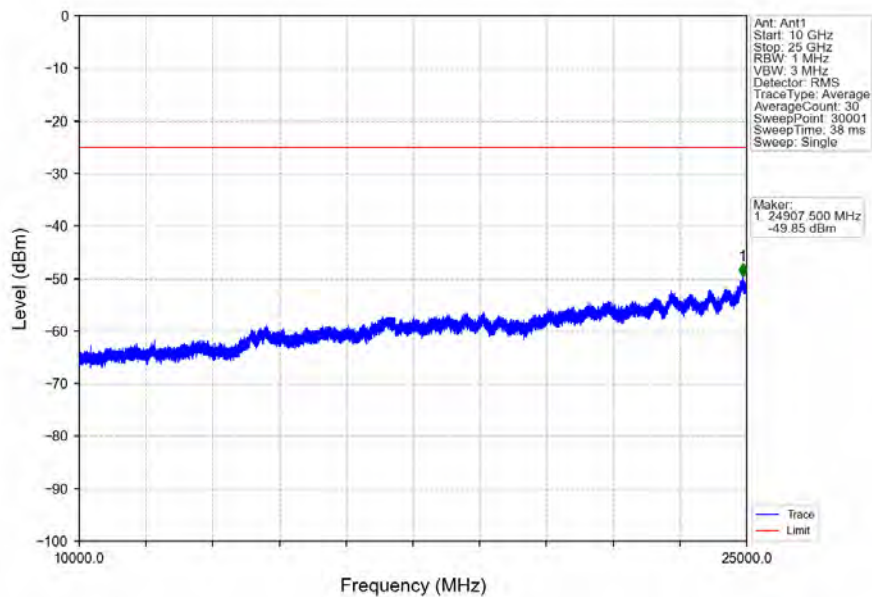
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



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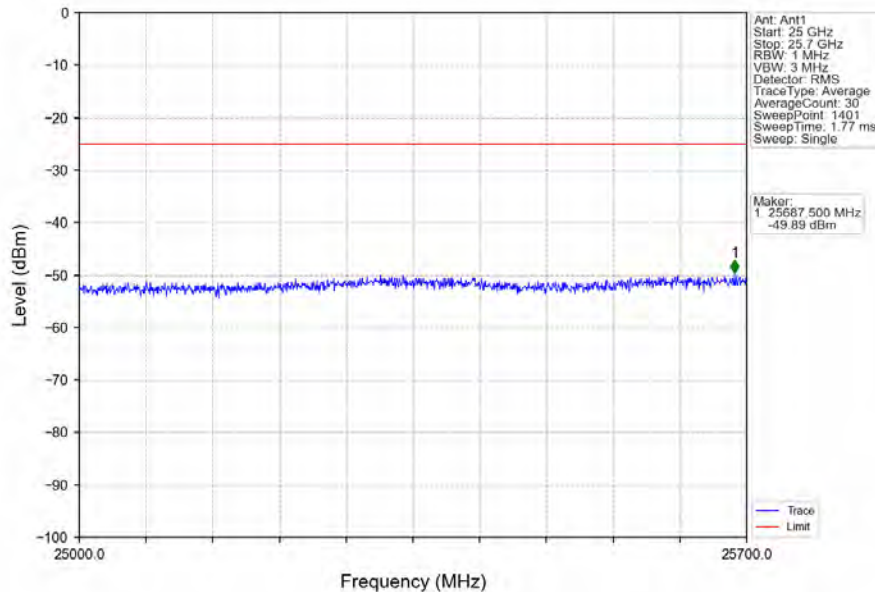
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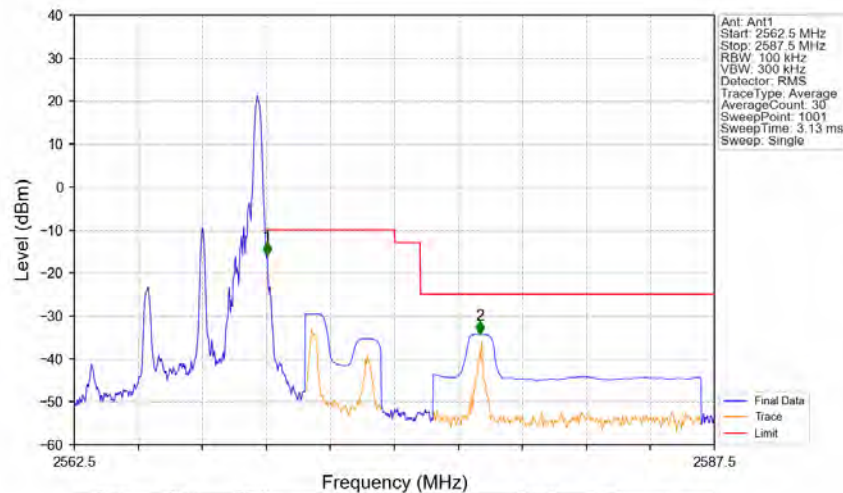
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	1	/	/	/	/
2570	2571	0.1	/	1	2570.025	-15.90	-10	Pass
2571	2587.5	1	CHP	2	2578.350	-34.22	-25	Pass



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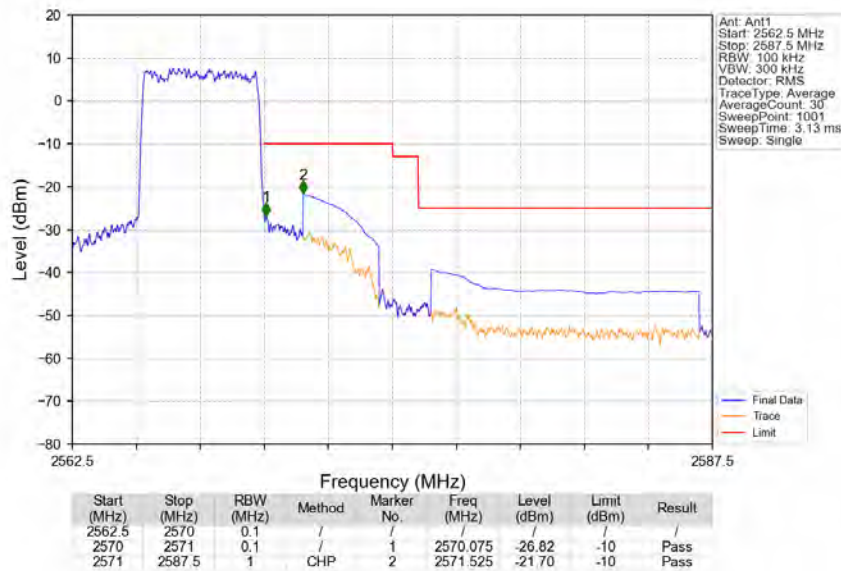
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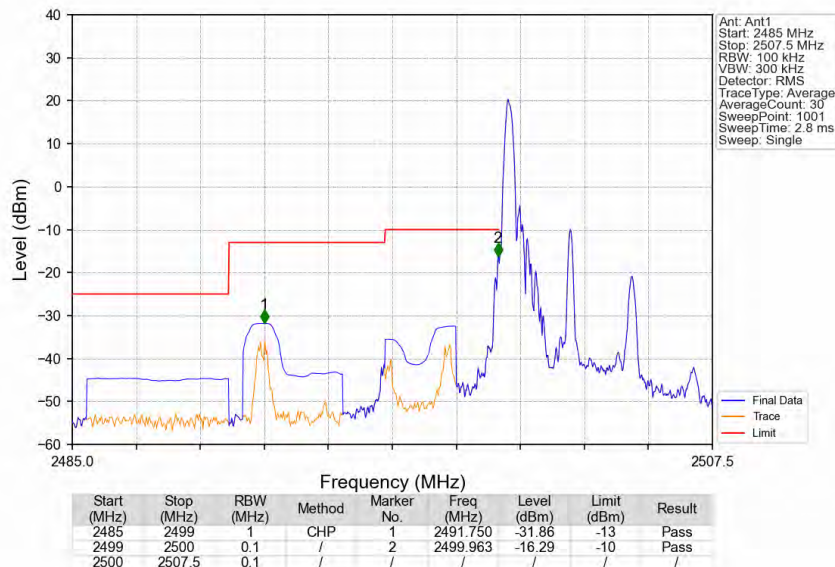
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



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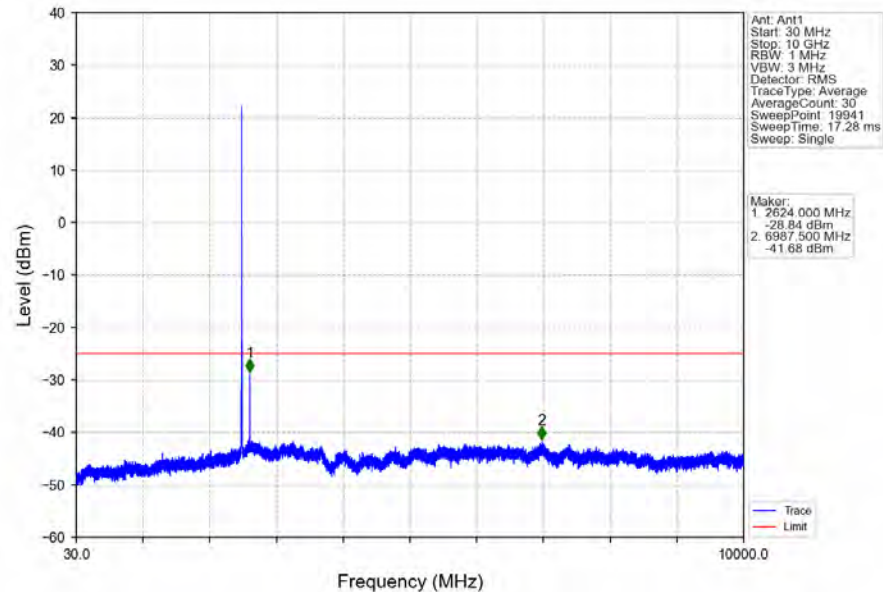
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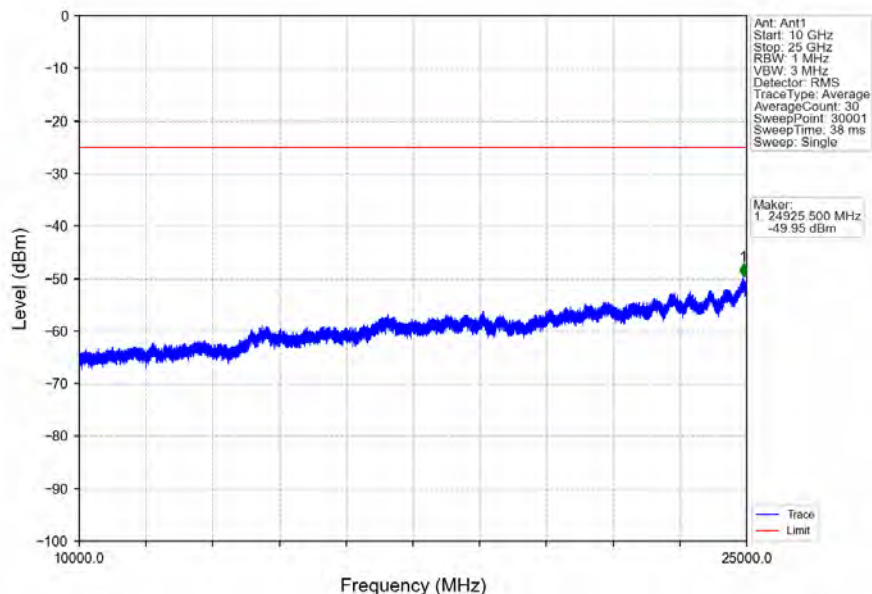
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Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



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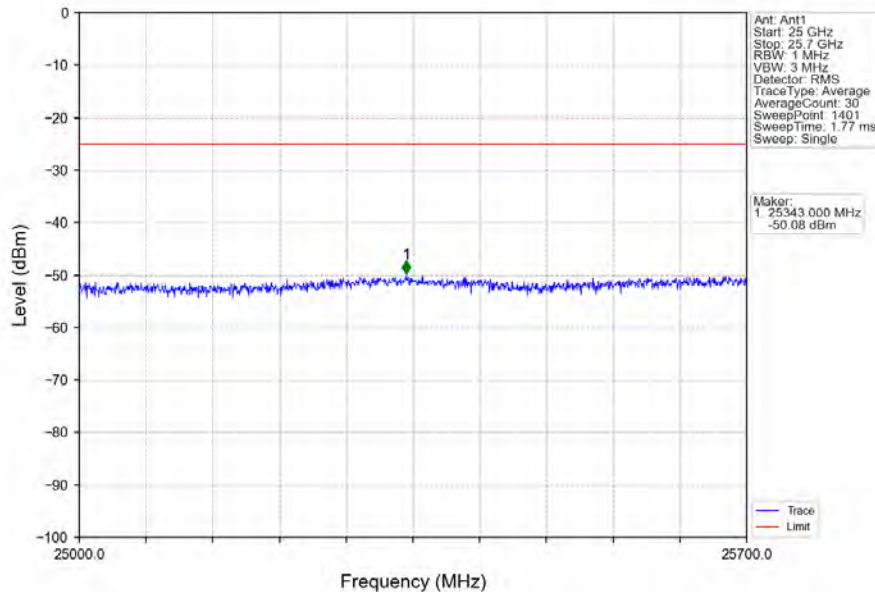
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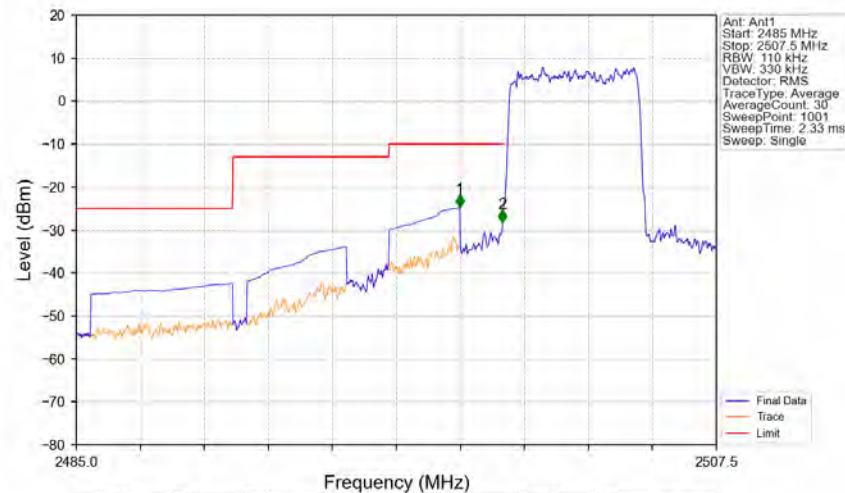
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Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	0.11	CHP	1	2498.477	-24.82	-10	Pass
2499	2500	0.11	/	2	2499.985	-28.33	-10	Pass
2500	2507.5	0.11	/	/	/	/	/	/



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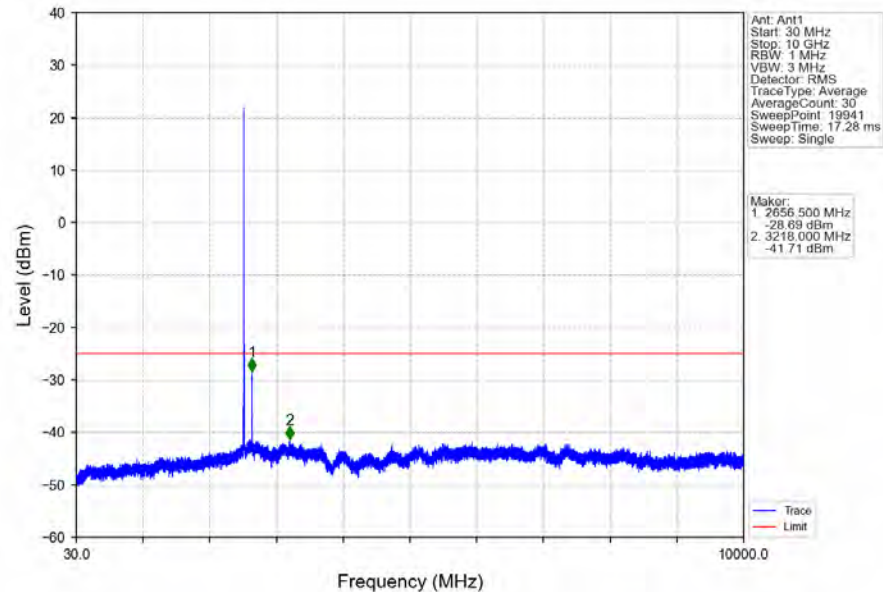
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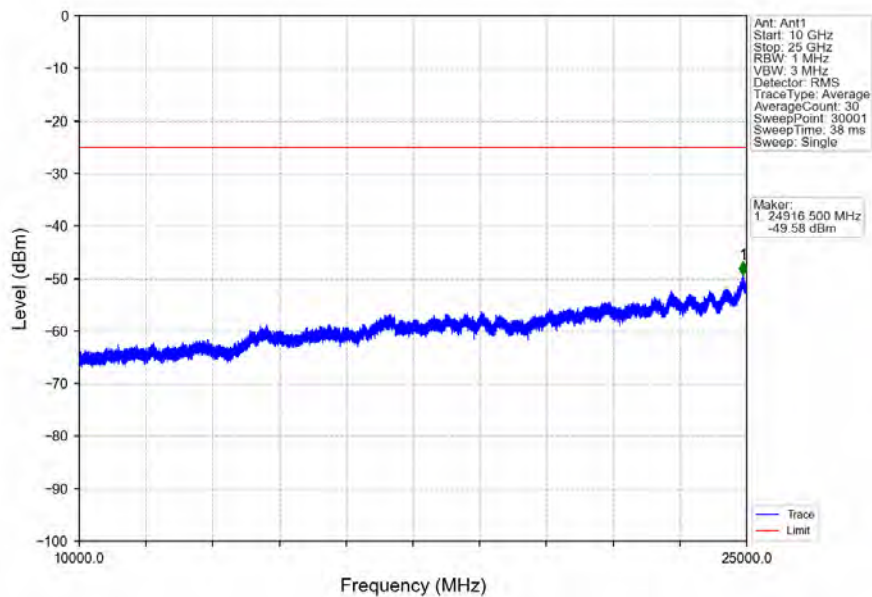
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Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



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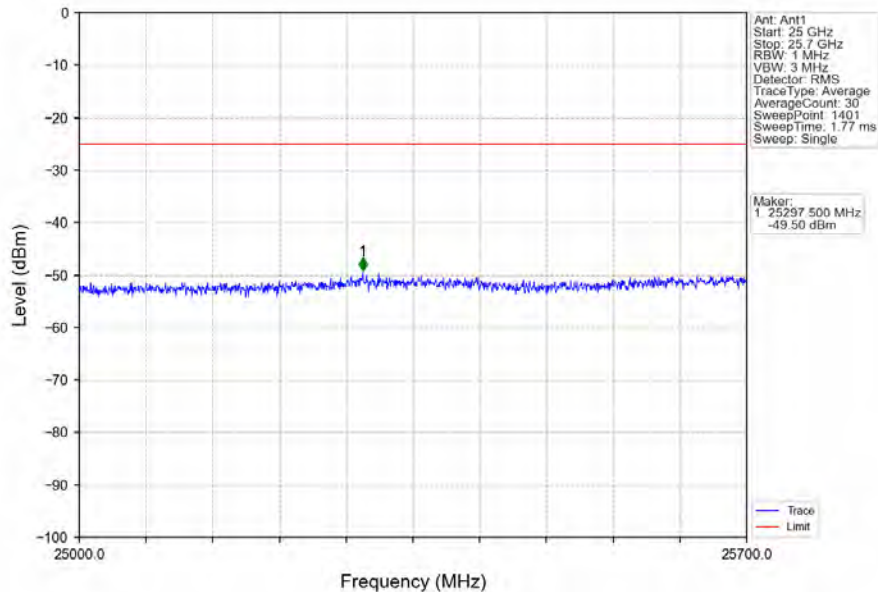
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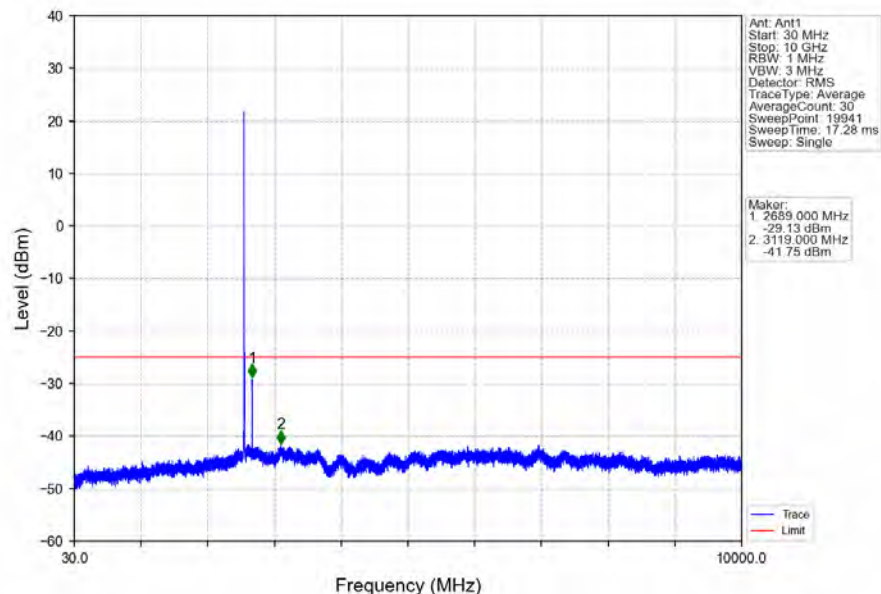
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



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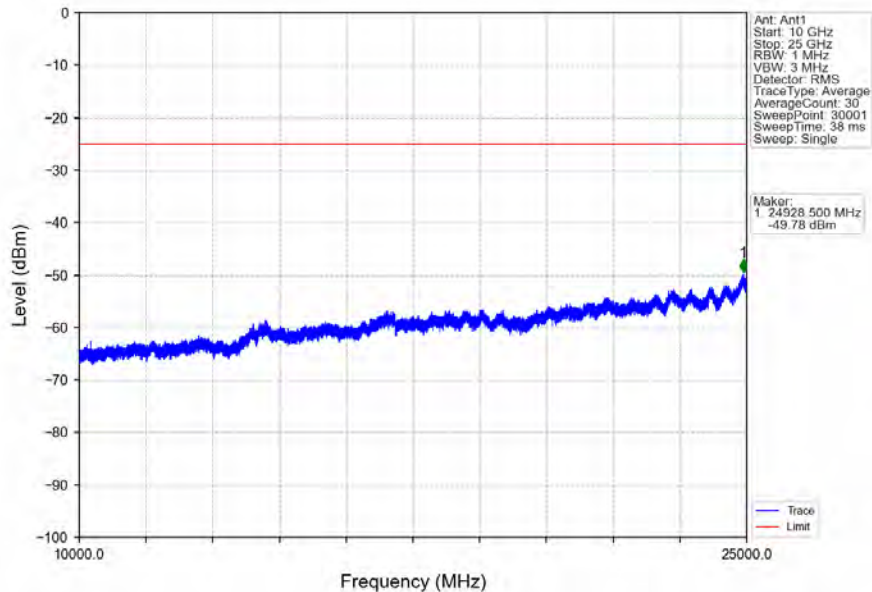
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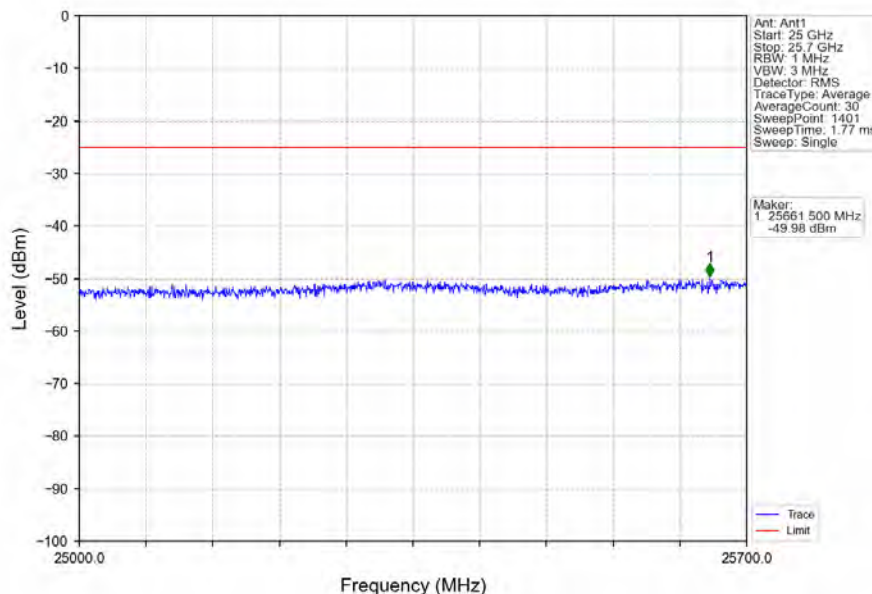
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



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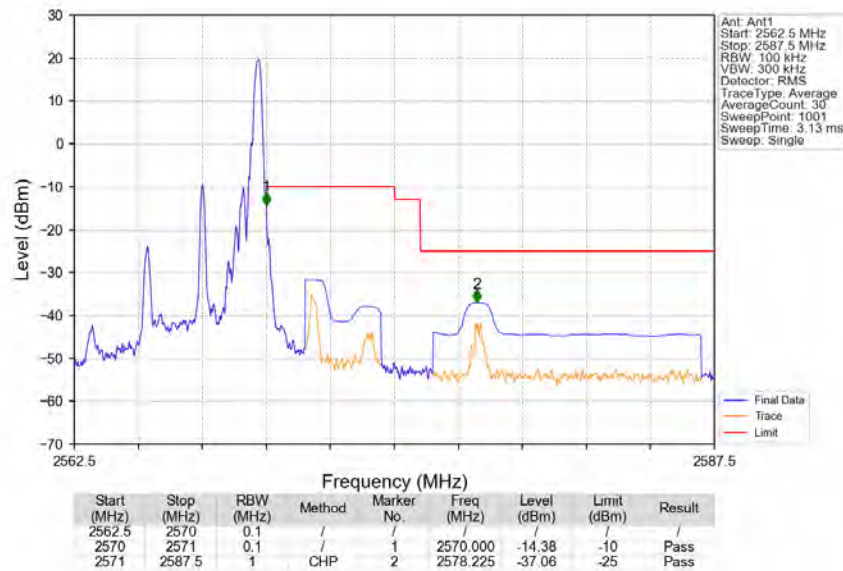
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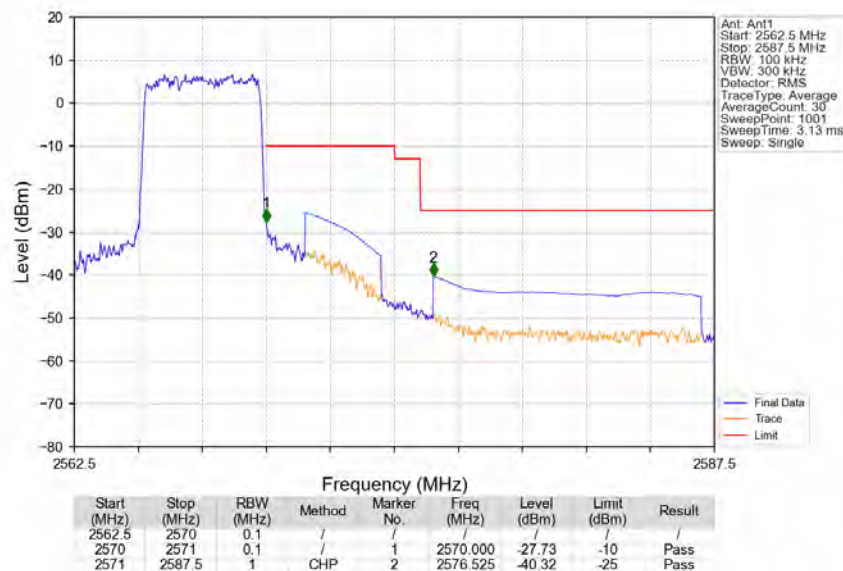
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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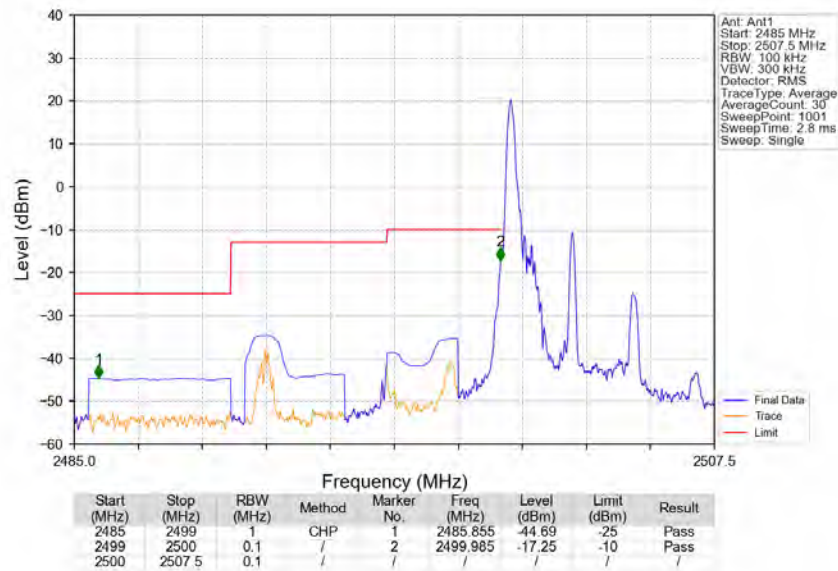
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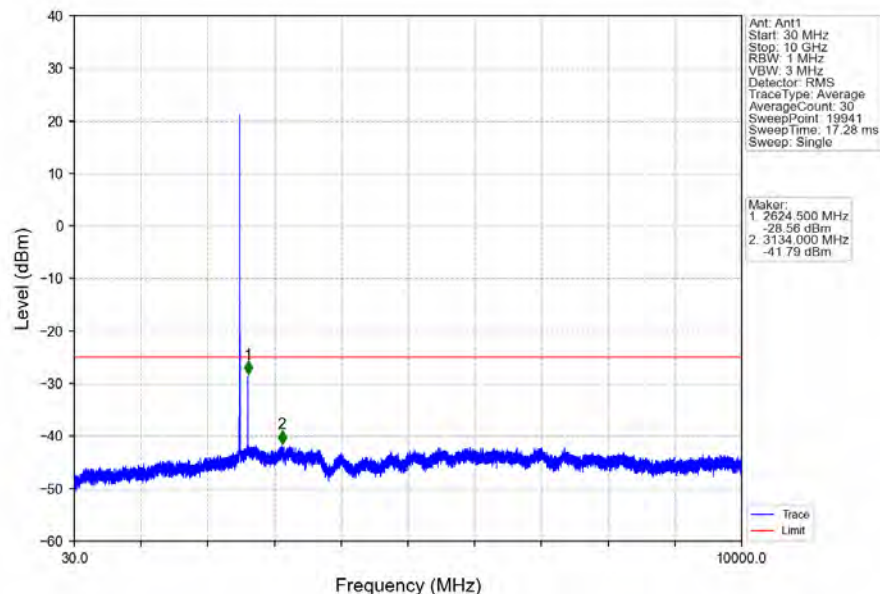
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



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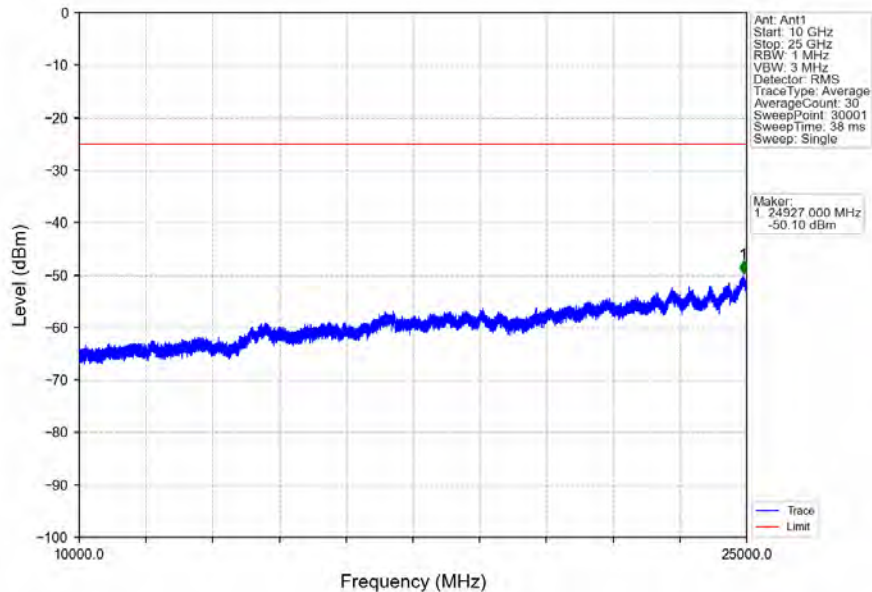
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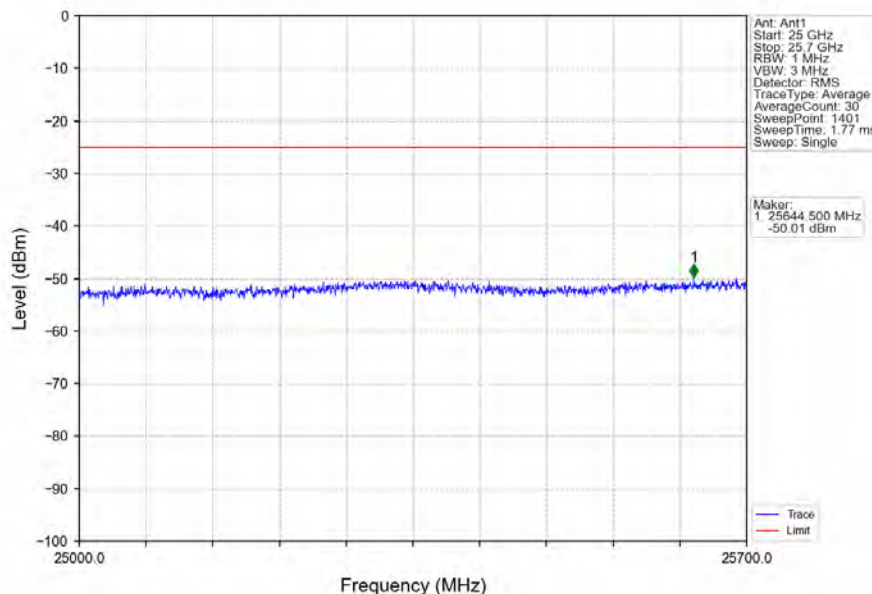
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_1_0_NTNV



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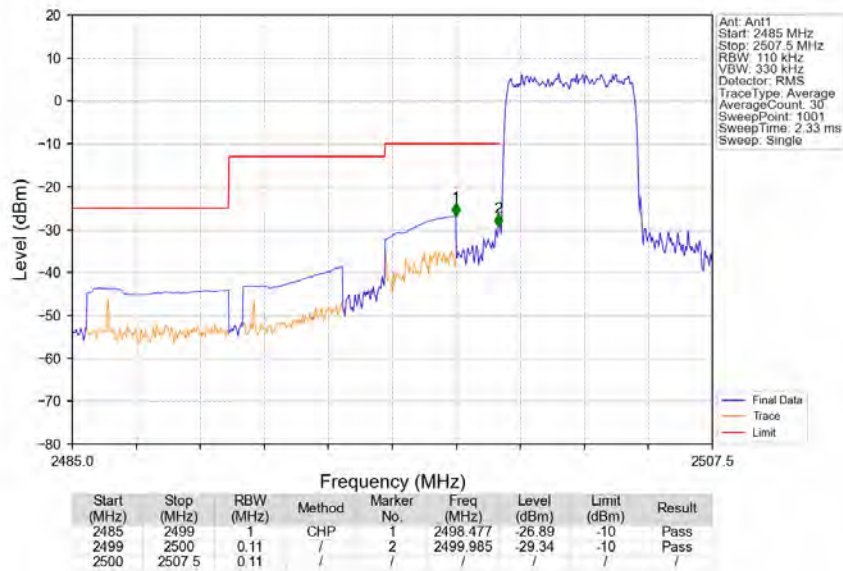
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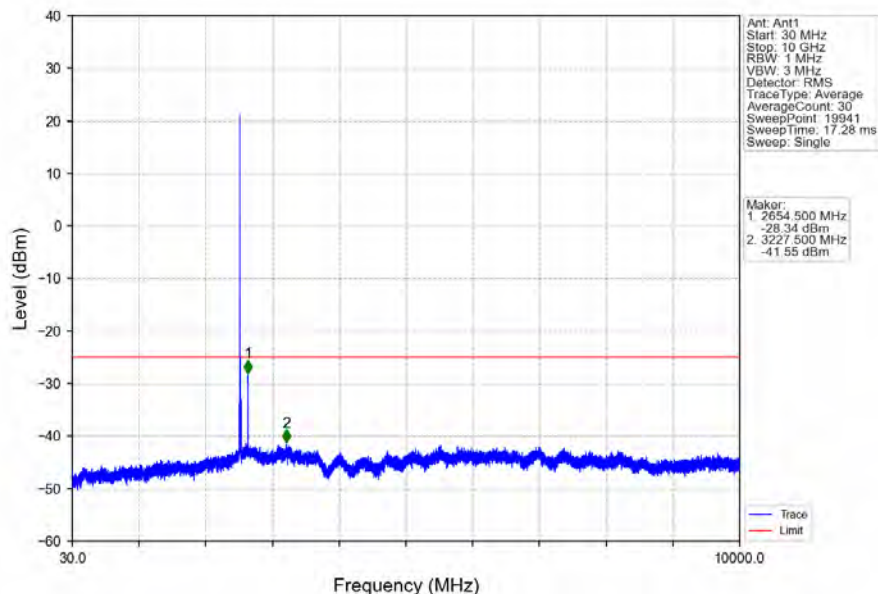
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Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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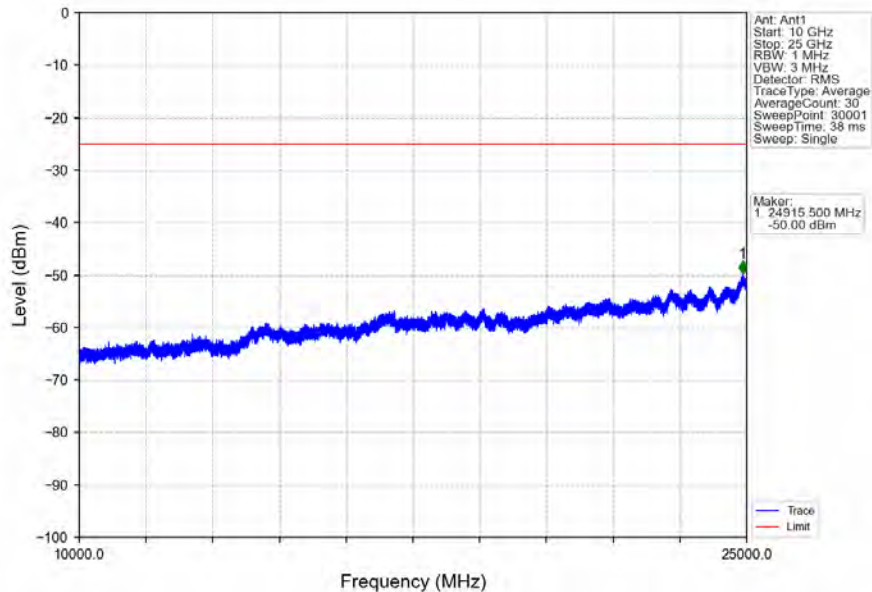
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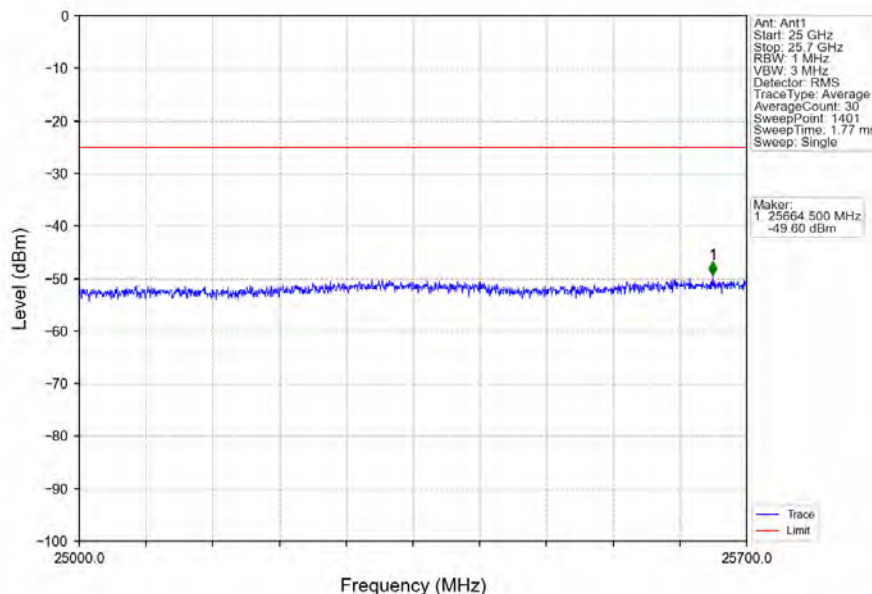
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Band7_5MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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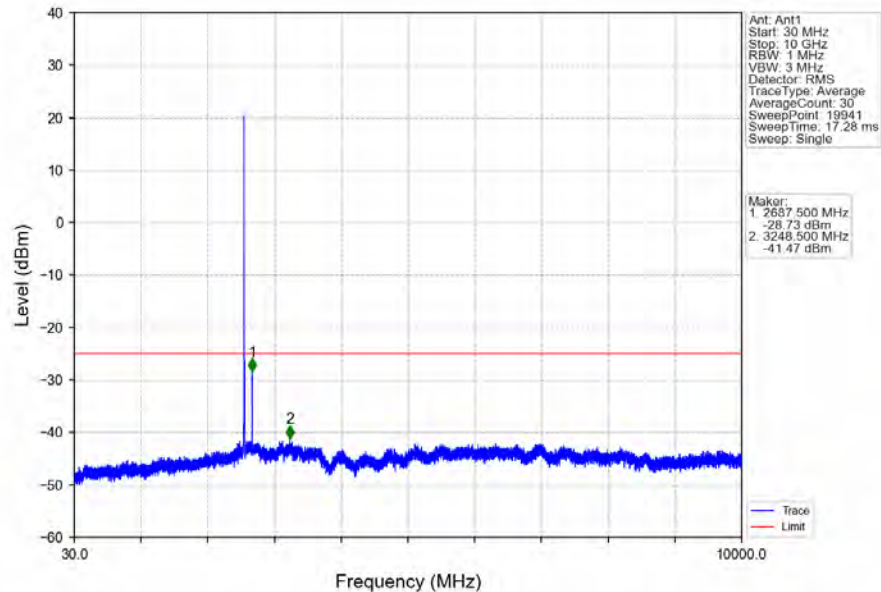
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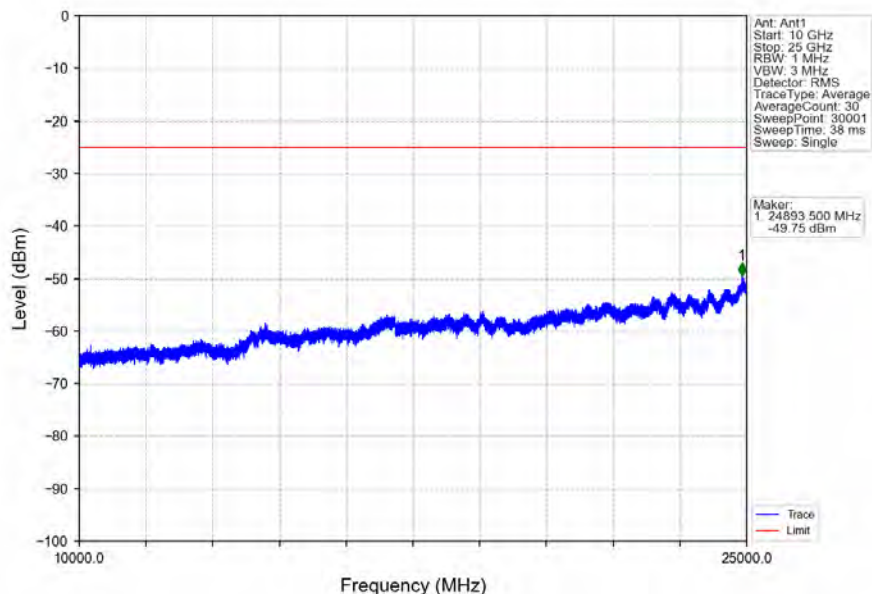
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_0_NTNV



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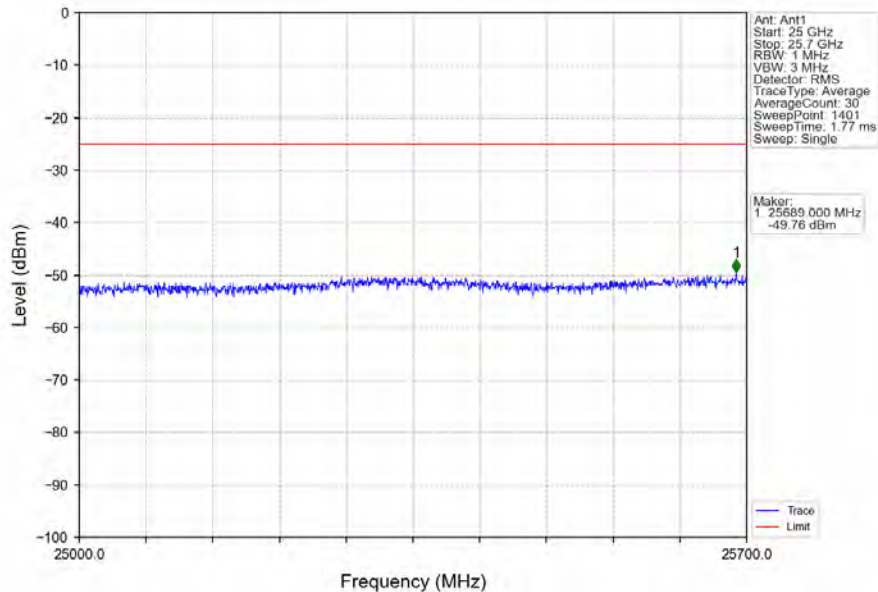
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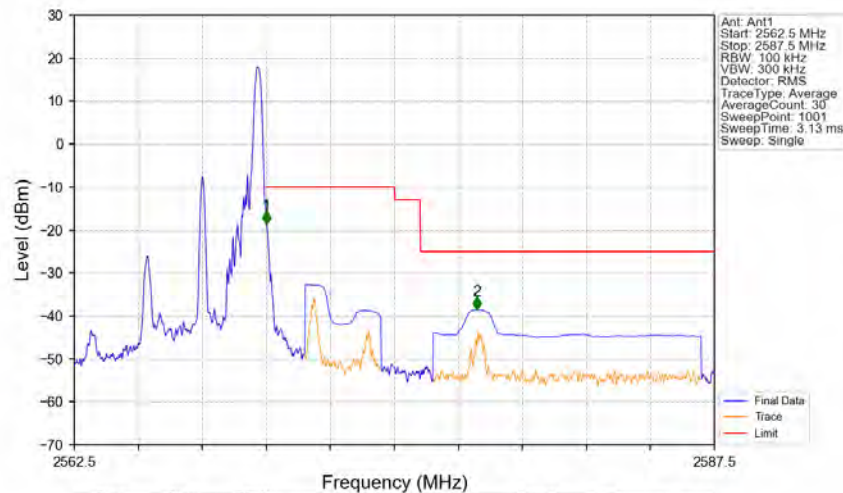
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_64QAM_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	1	/	/	/	/
2570	2571	0.1	/	1	2570.000	-18.70	-10	Pass
2571	2587.5	1	CHP	2	2578.225	-38.65	-25	Pass



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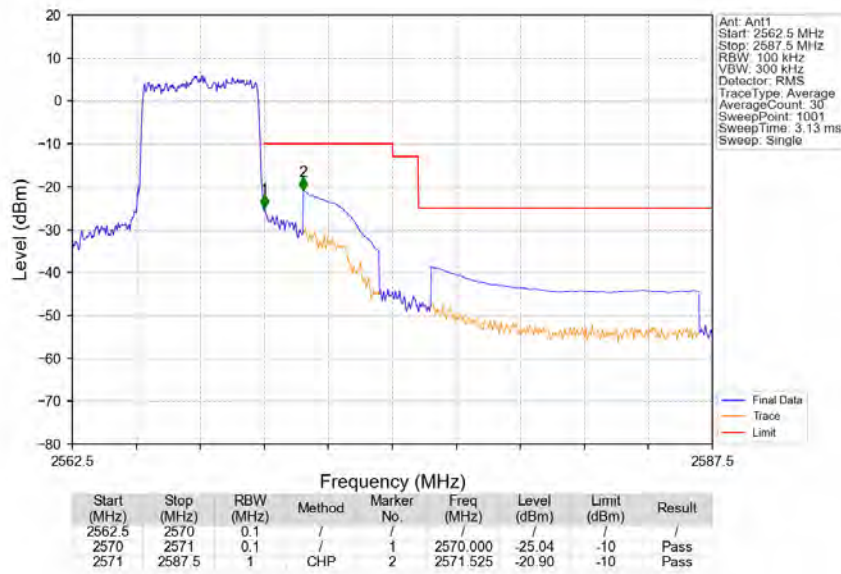
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6.2 B7_10MHz

6.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2505	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2565	1	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
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2565	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
64QAM	2505	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2565	1	49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass



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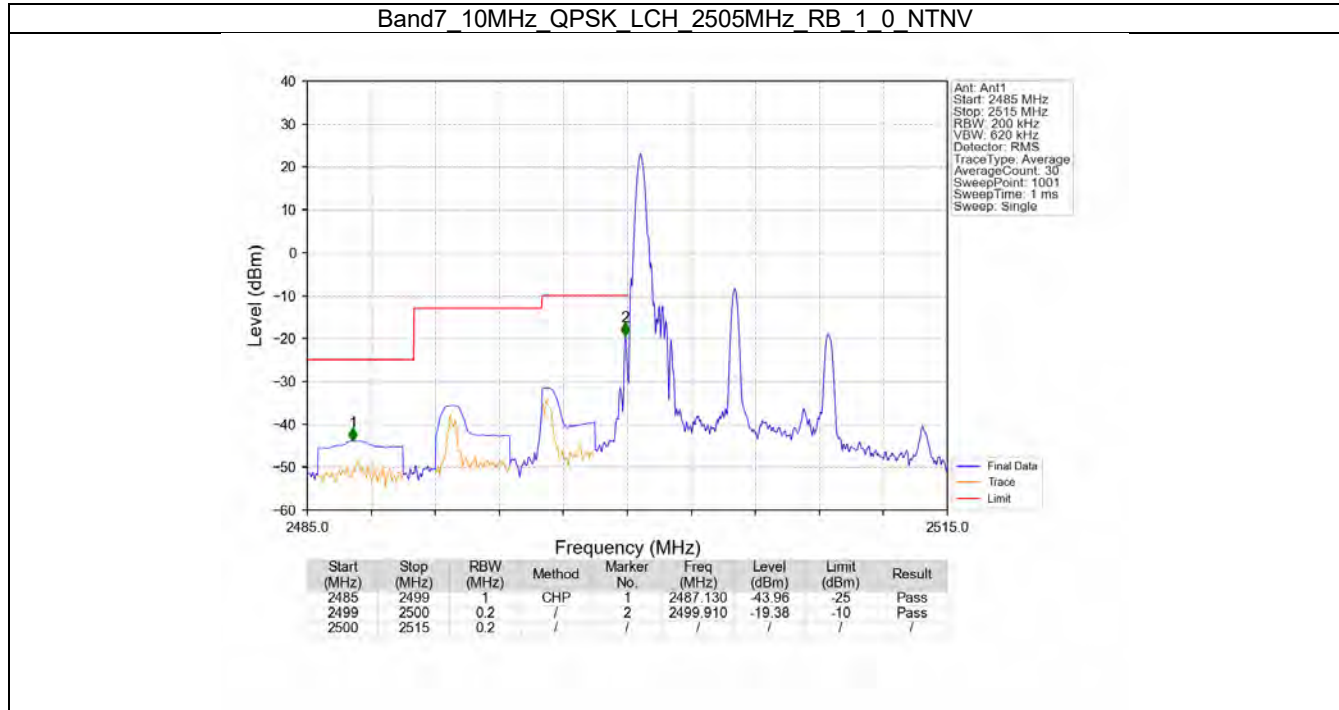
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6.2.2 Test Graph



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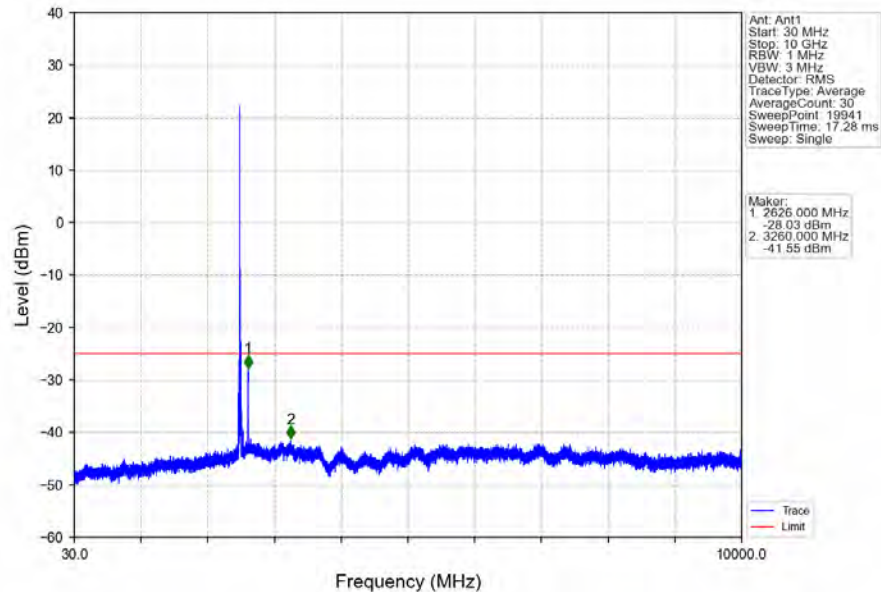
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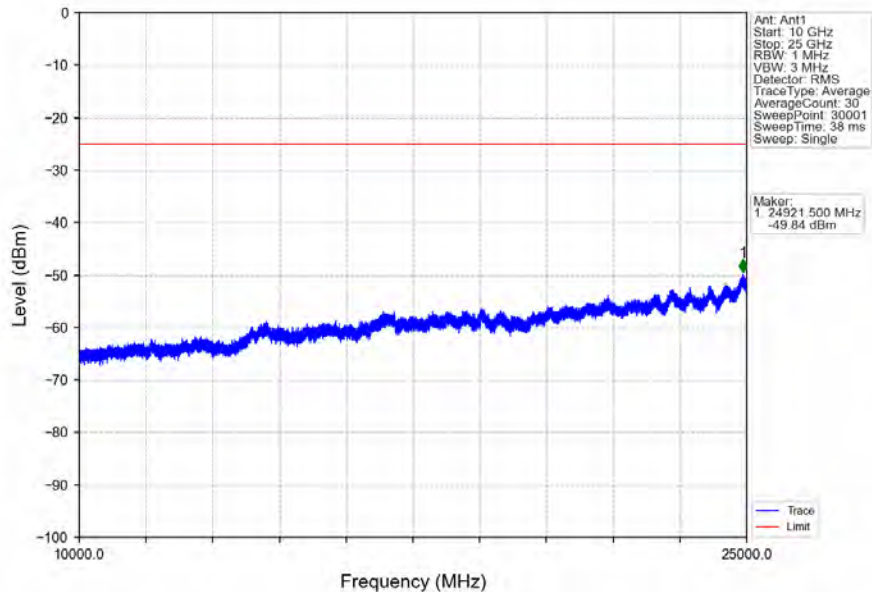
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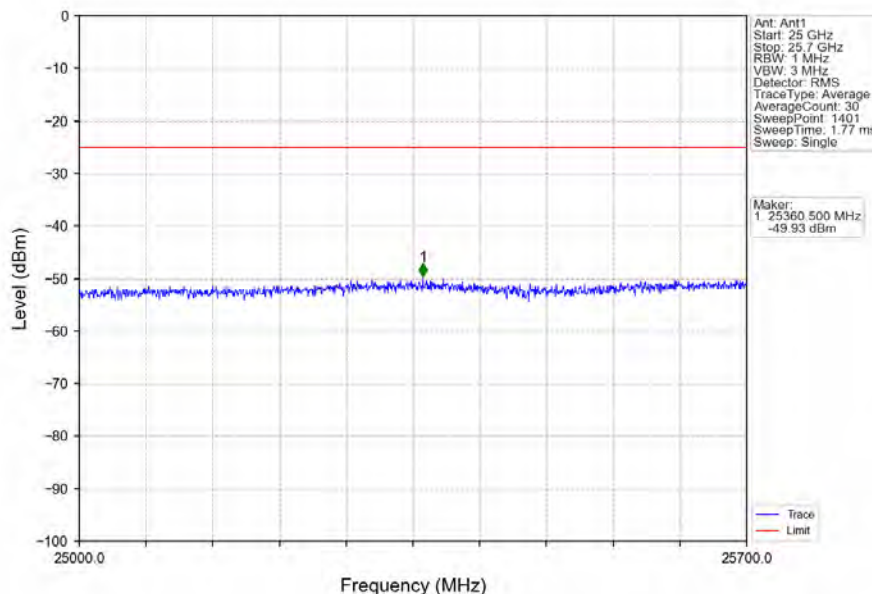
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Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



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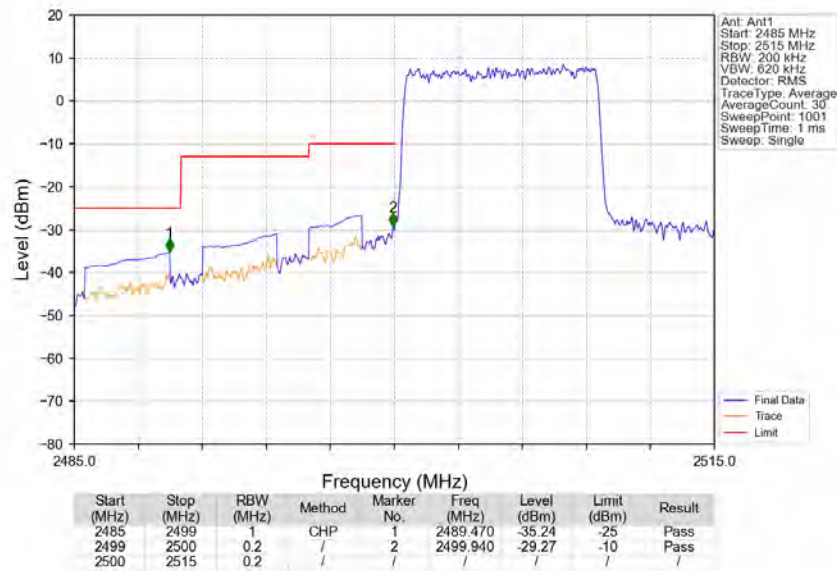
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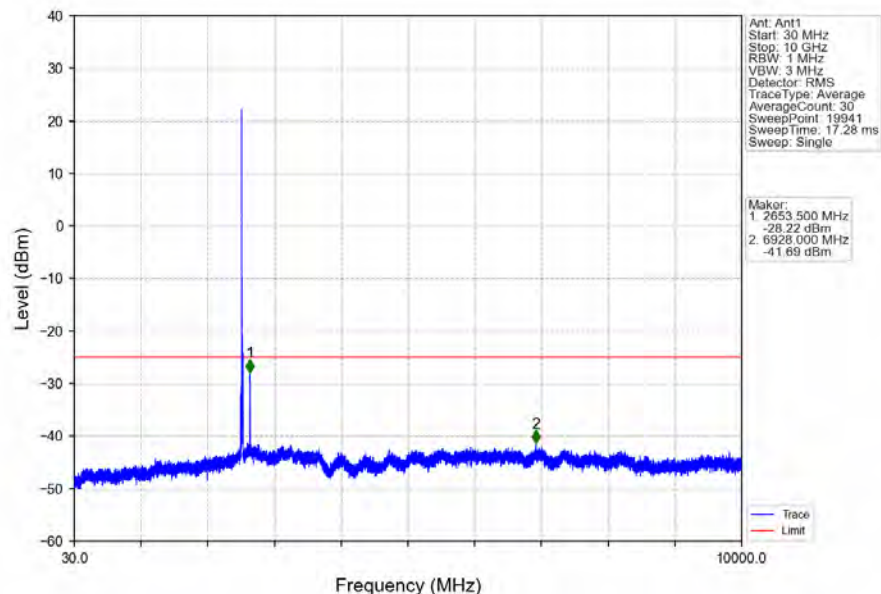
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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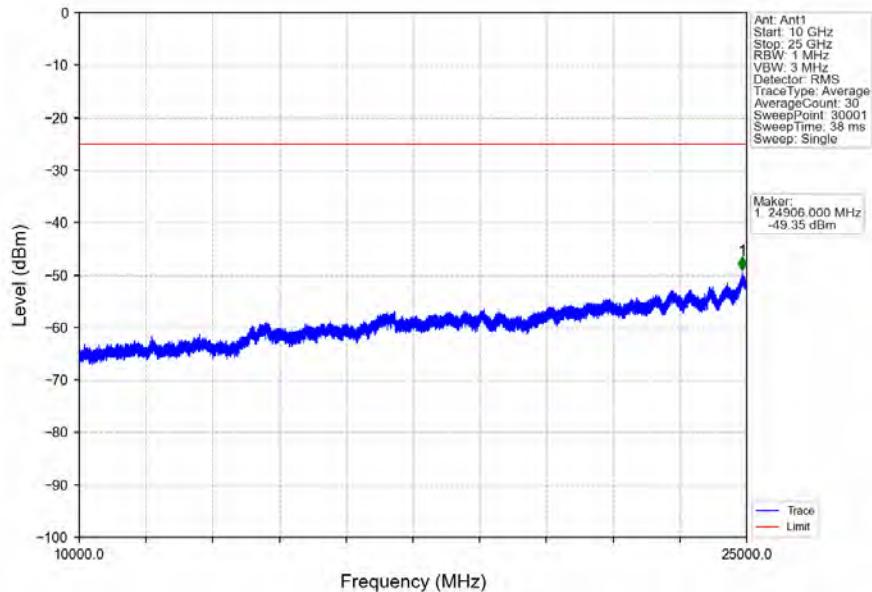
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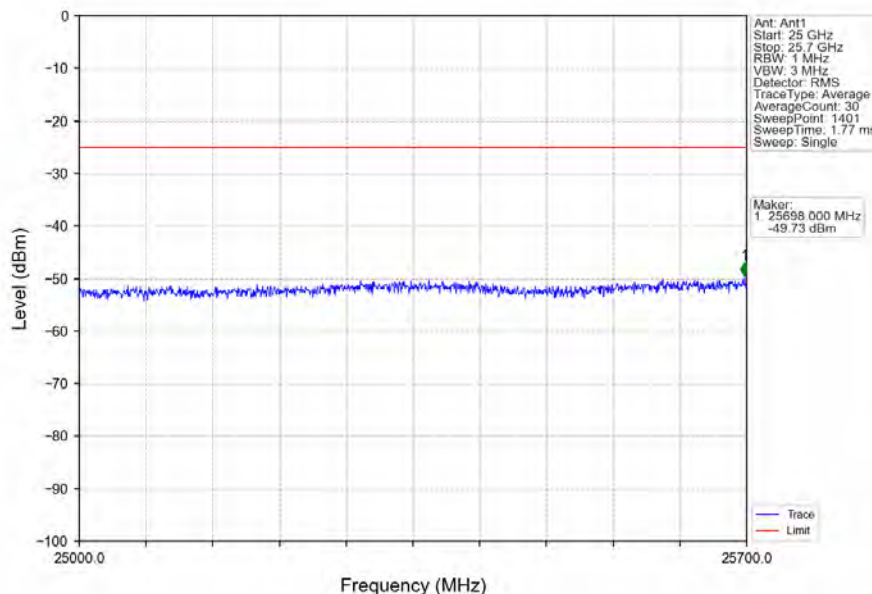
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Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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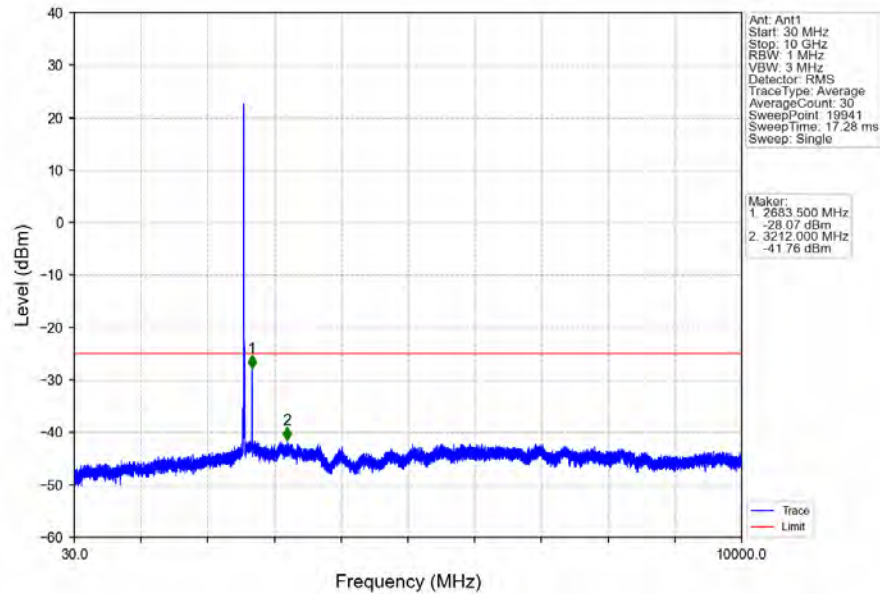
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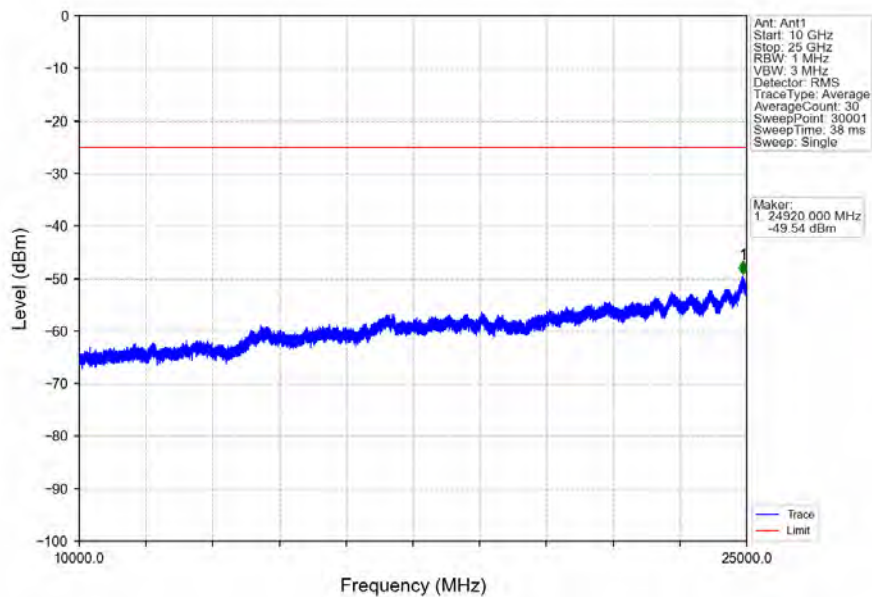
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Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



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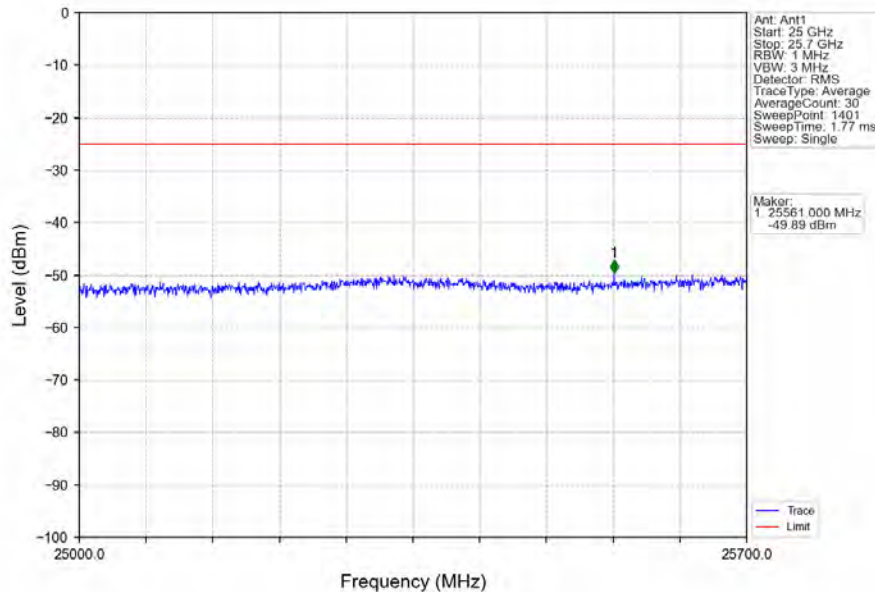
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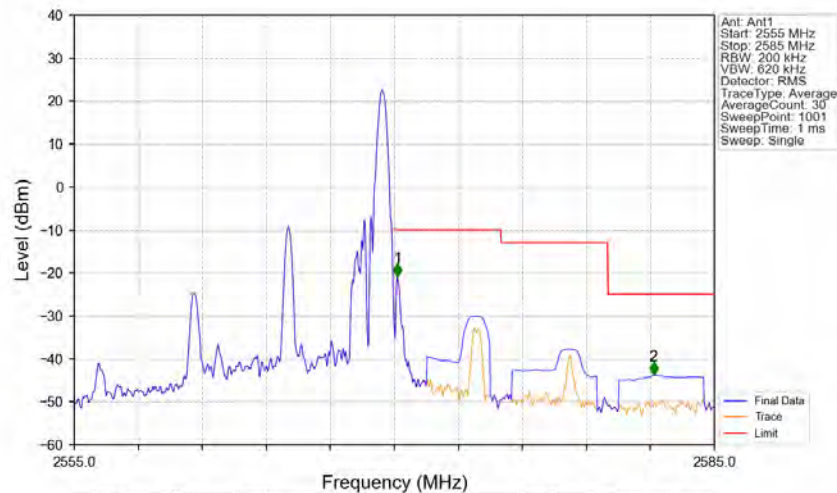
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Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	1	/	/	/	/
2570	2571	0.2	/	1	2570.150	-20.86	-10	Pass
2571	2585	1	CHP	2	2582.150	-43.84	-25	Pass



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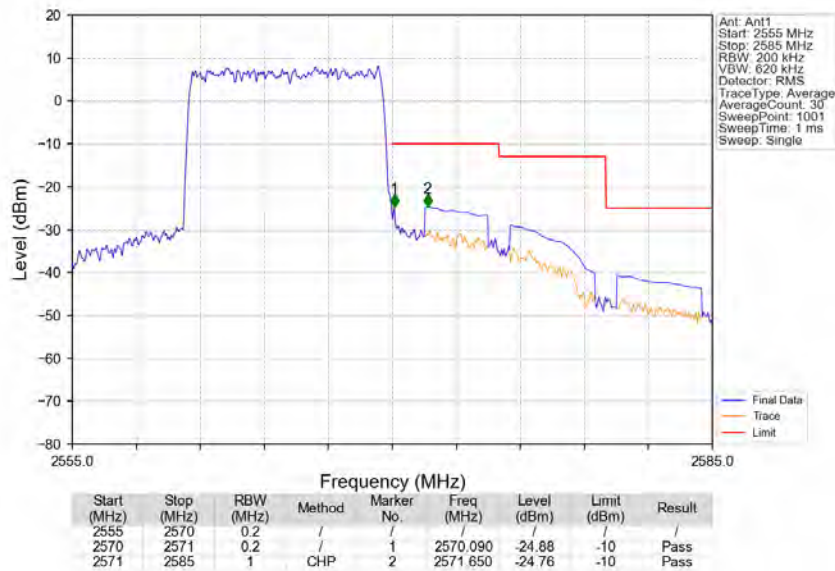
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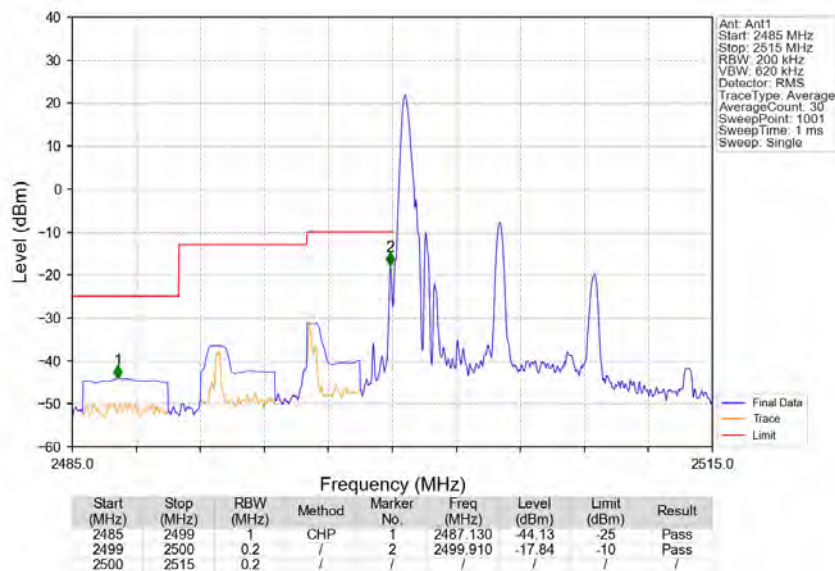
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Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



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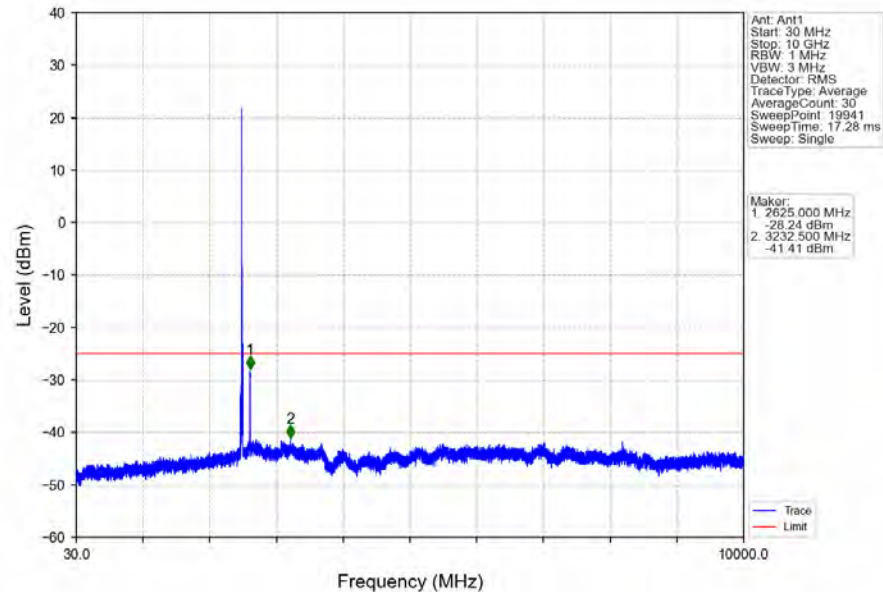
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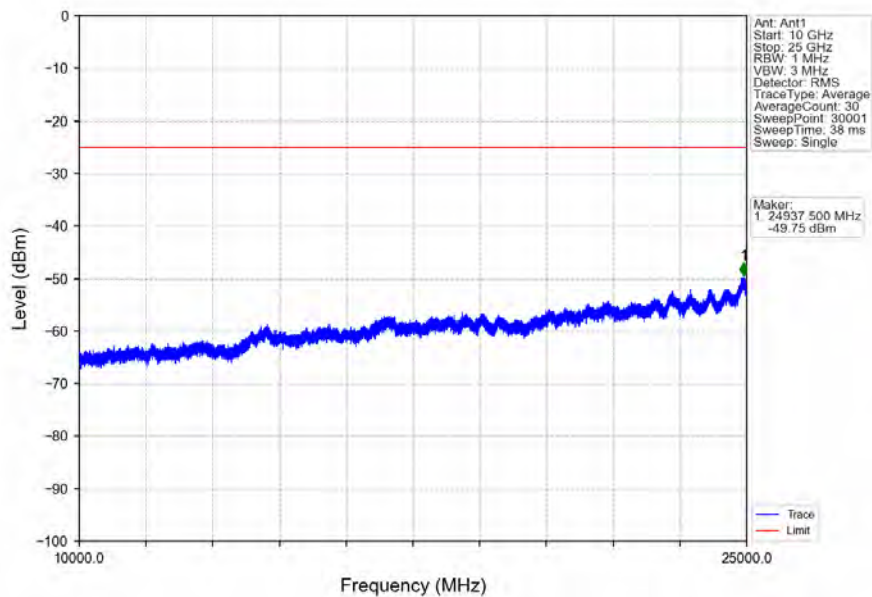
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Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



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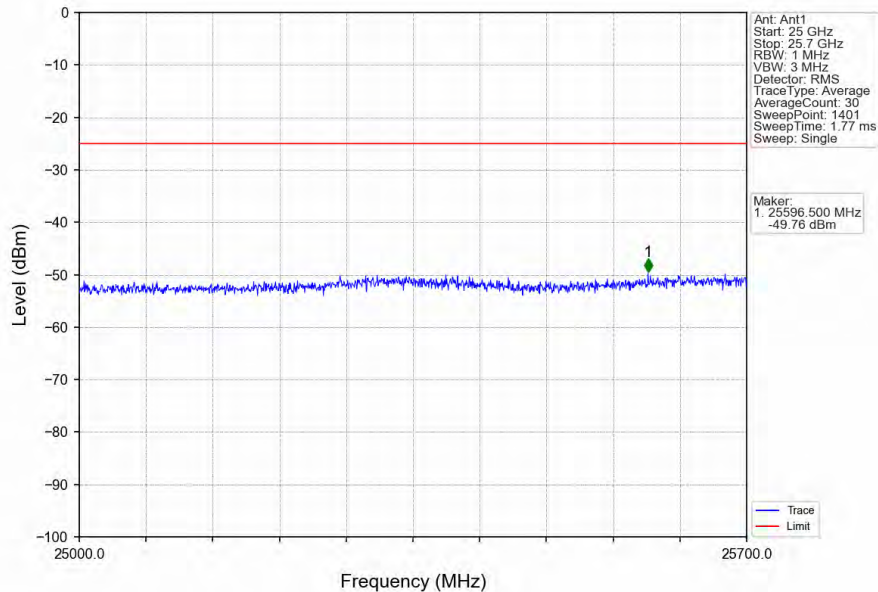
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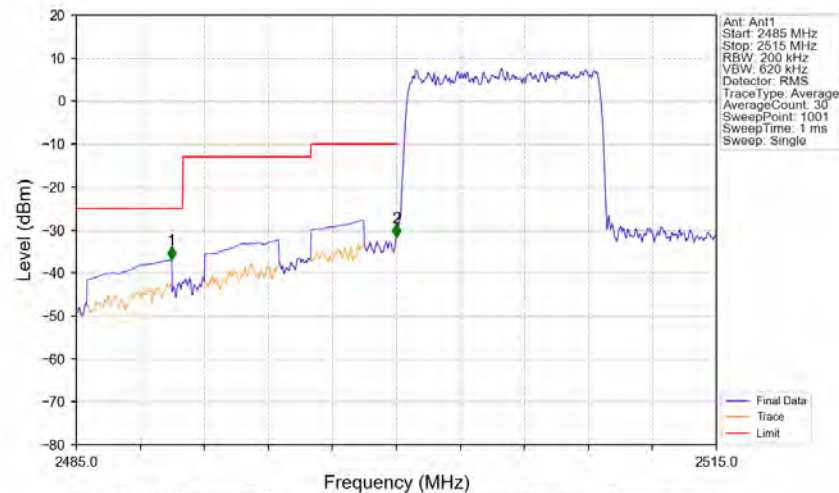
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2489.470	-36.88	-25	Pass
2499	2500	0.2	/	2	2500.000	-31.72	-10	Pass
2500	2515	0.2	/	/	/	/	/	/



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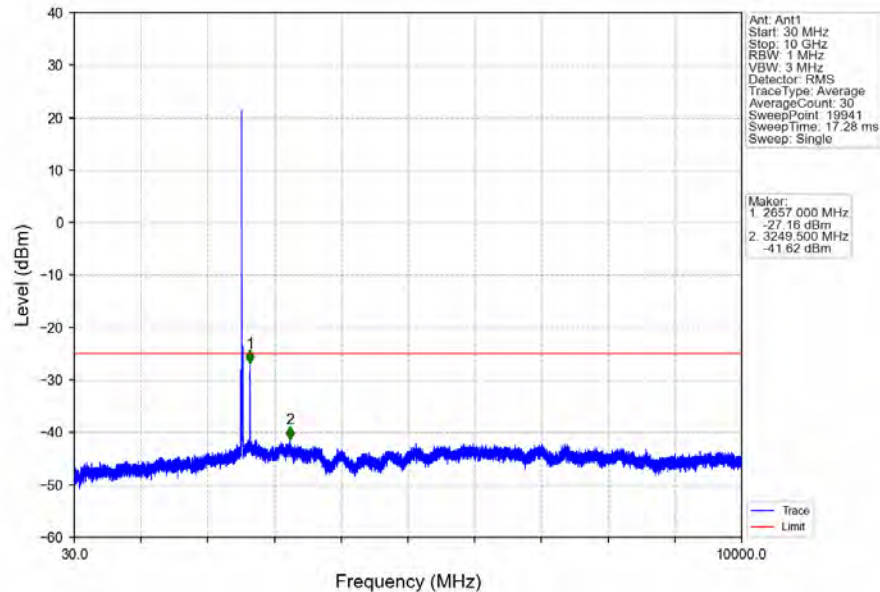
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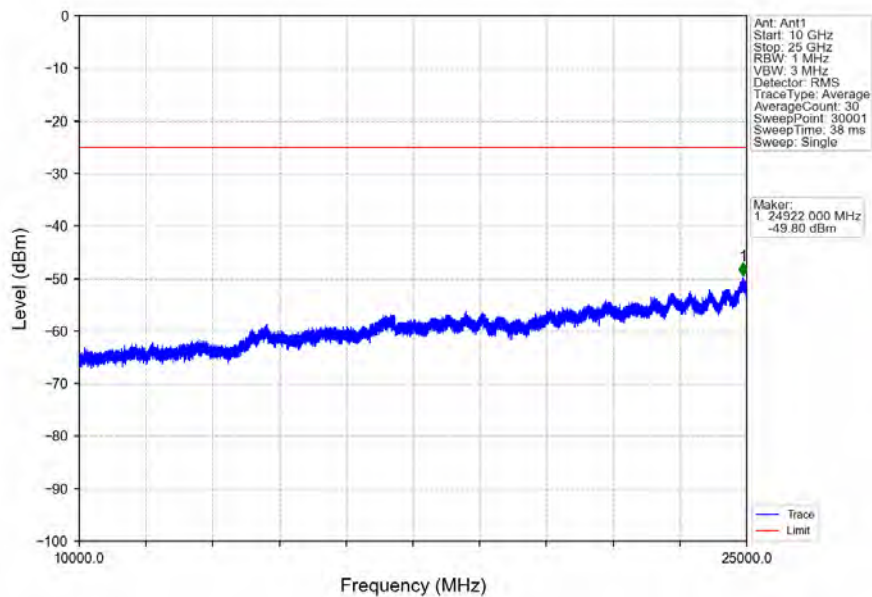
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Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



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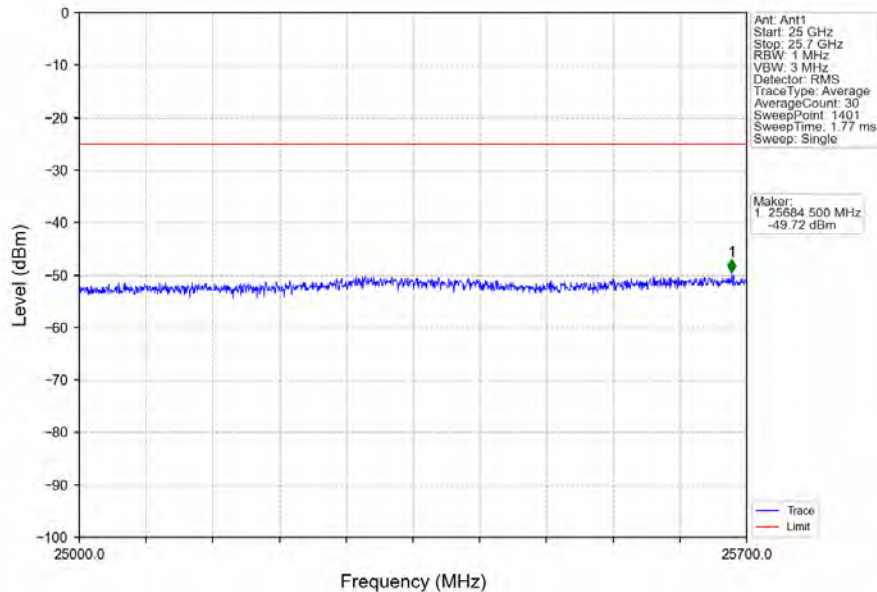
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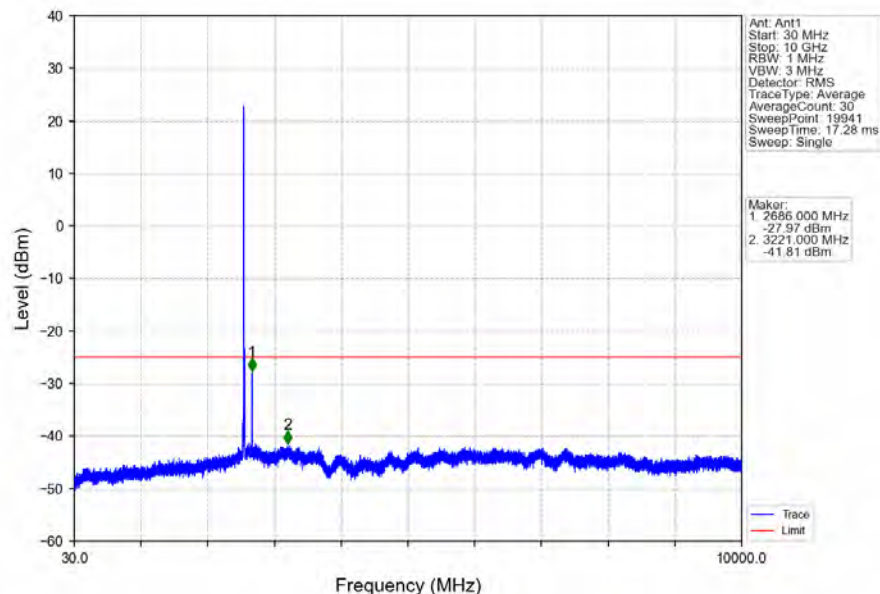
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Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



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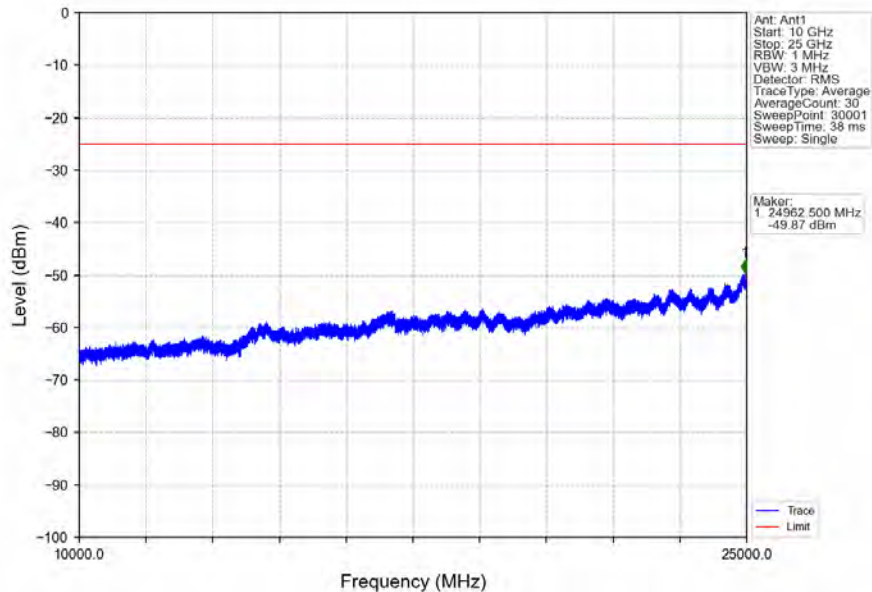
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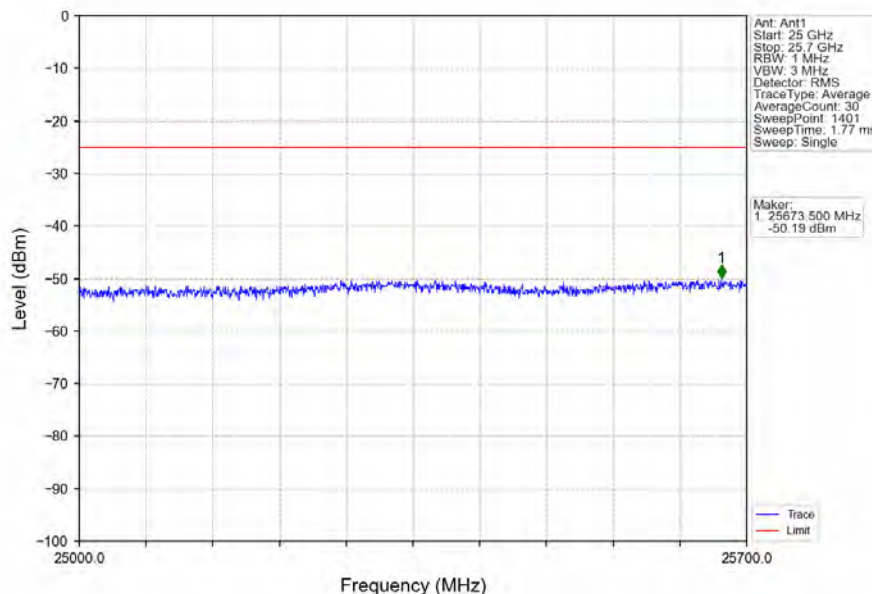
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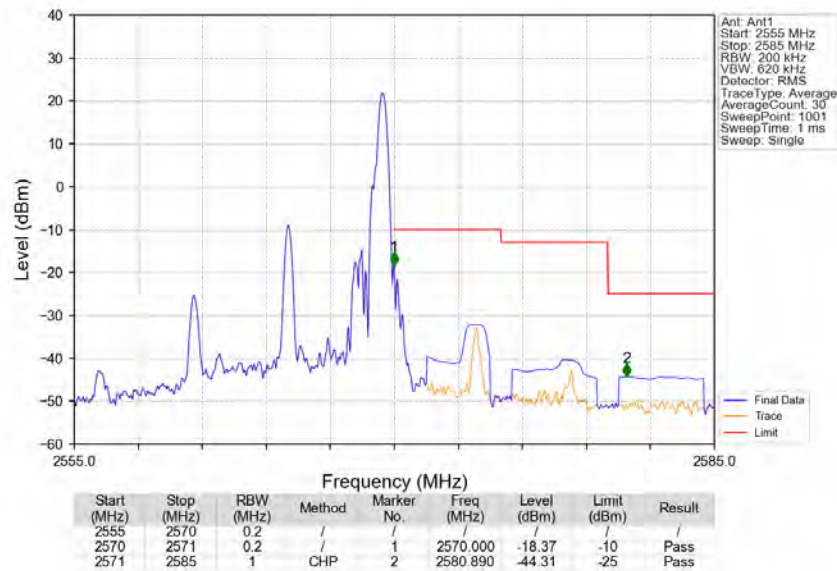
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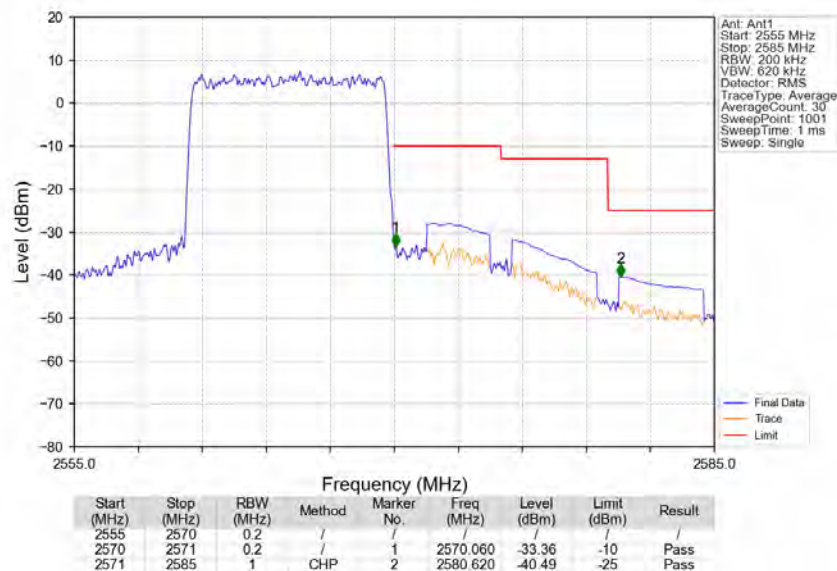
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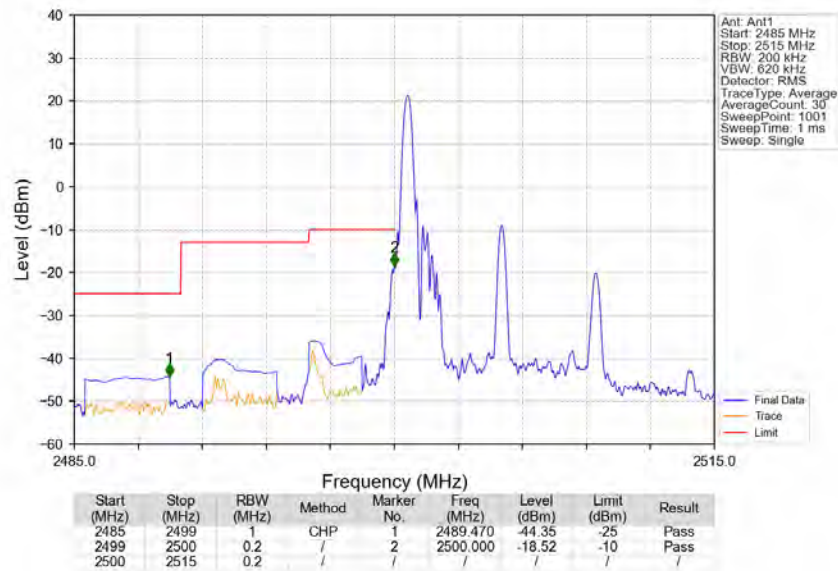
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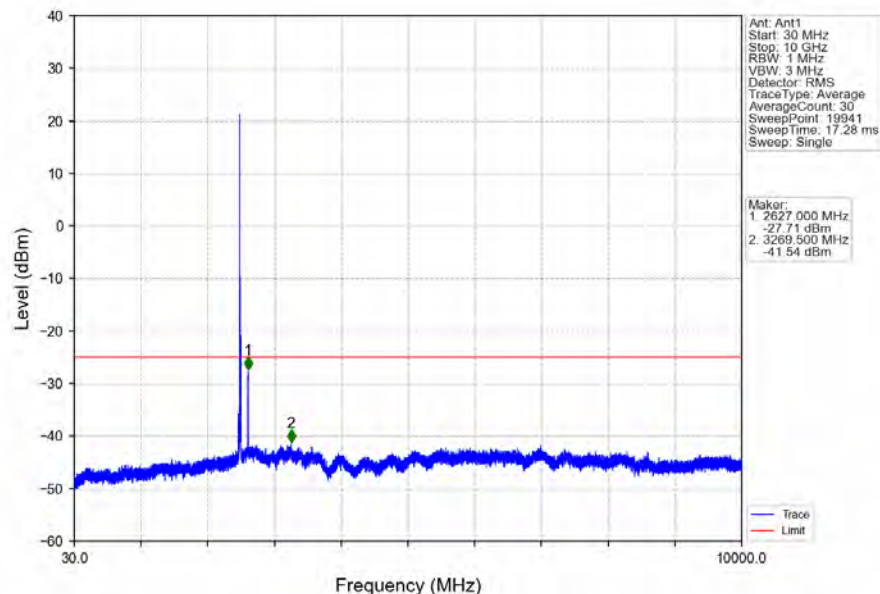
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Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV



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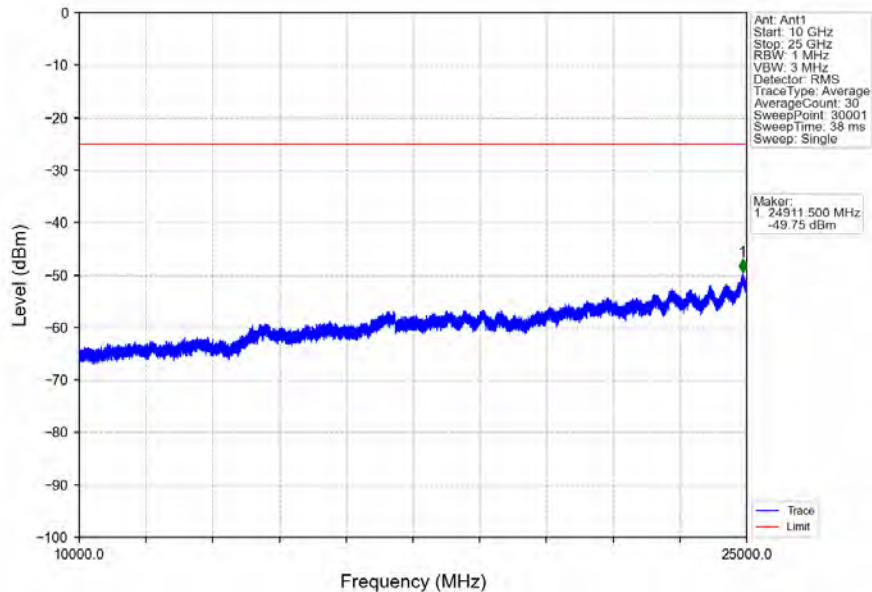
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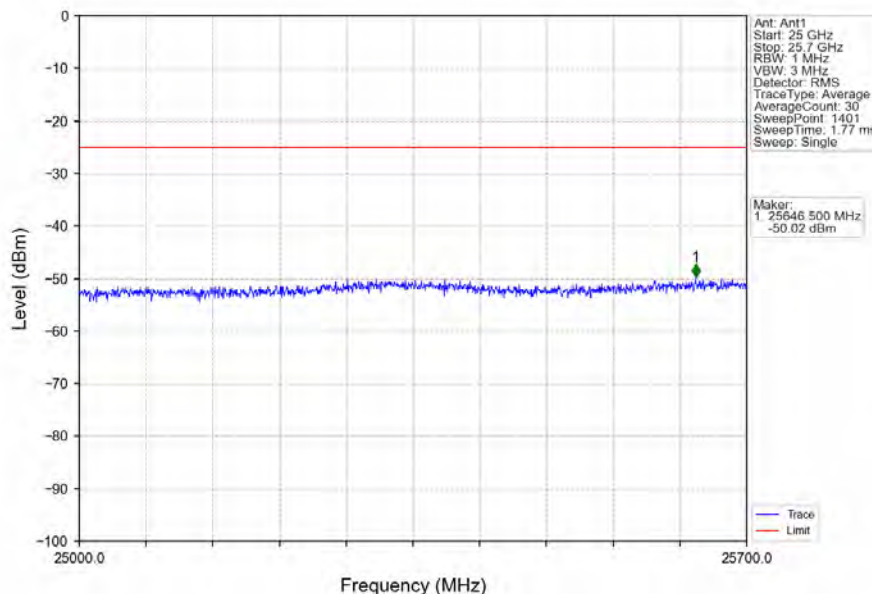
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Band7_10MHz_64QAM_LCH_2505MHz_RB_1_0_NTNV



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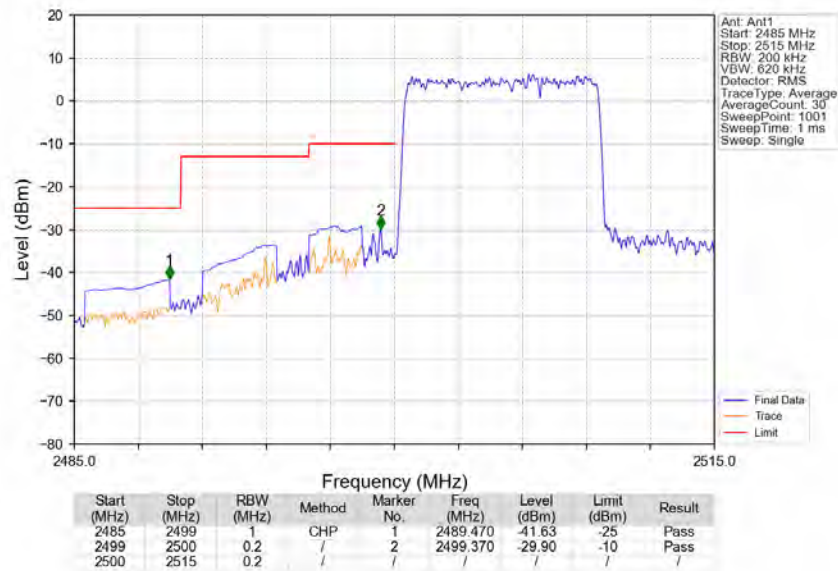
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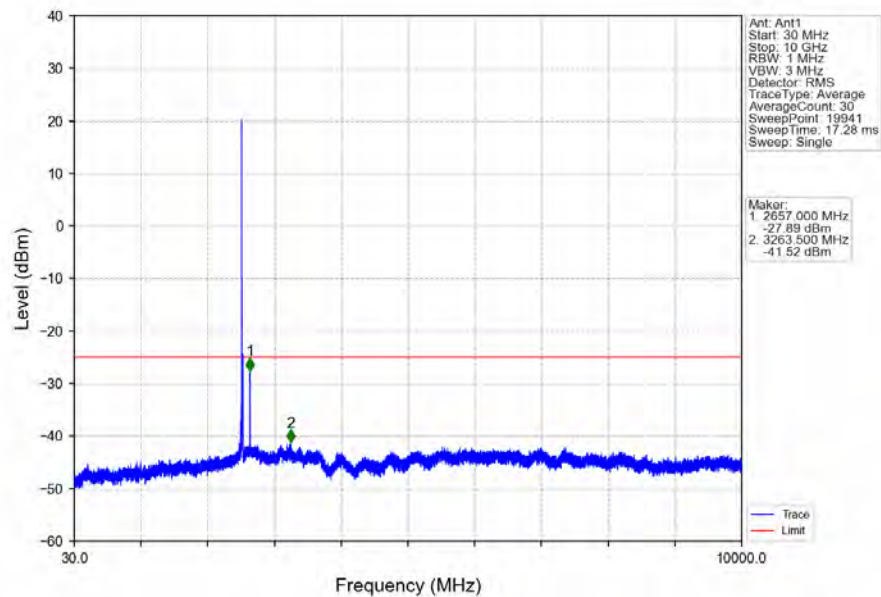
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Band7_10MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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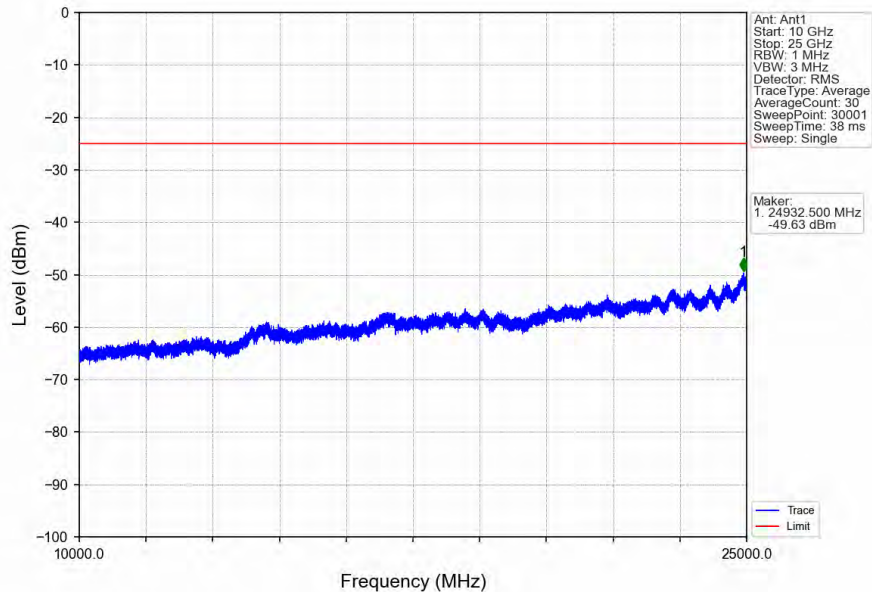
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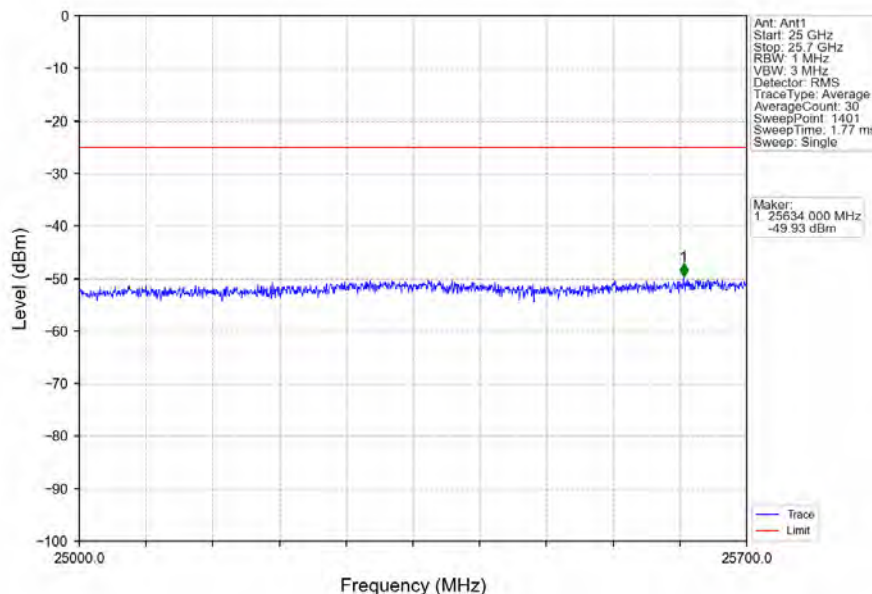
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Band7_10MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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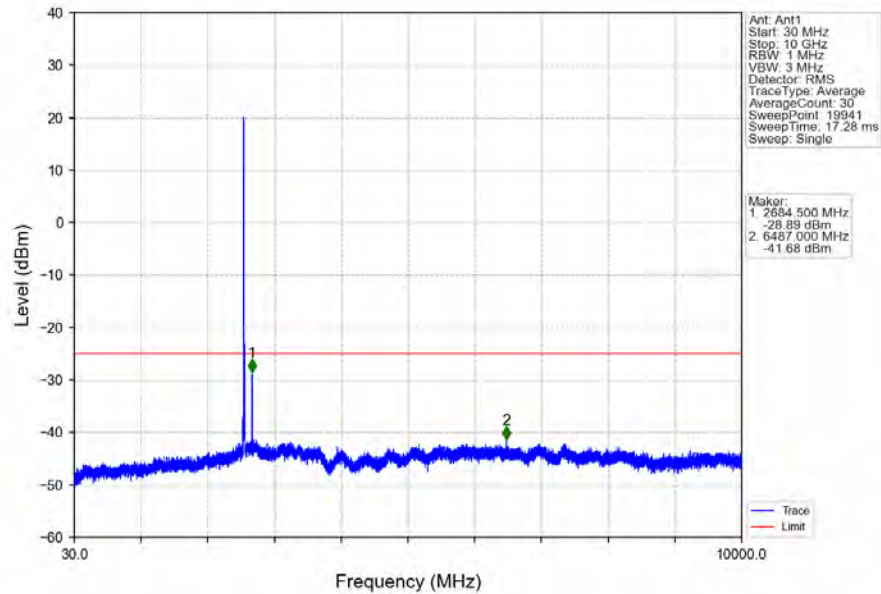
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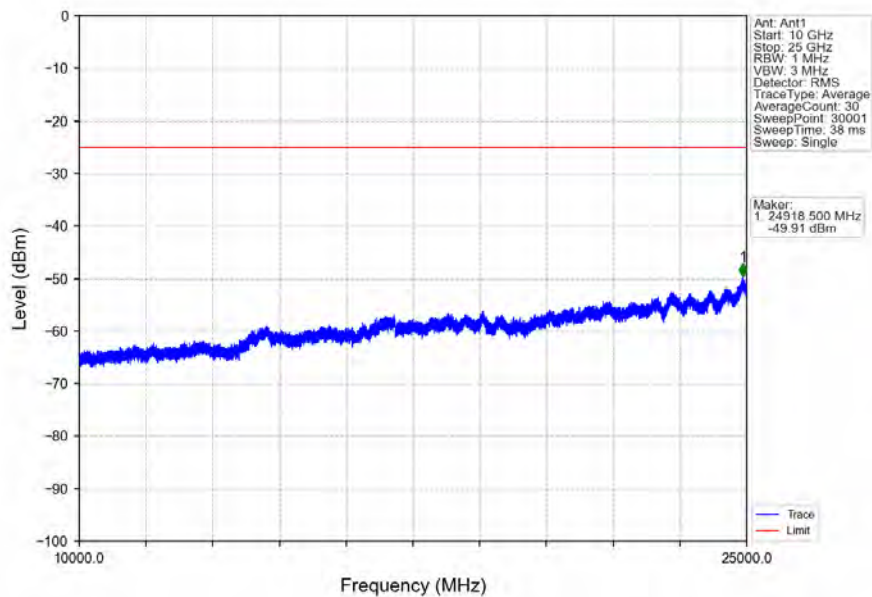
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Band7_10MHz_64QAM_HCH_2565MHz_RB_1_0_NTNV



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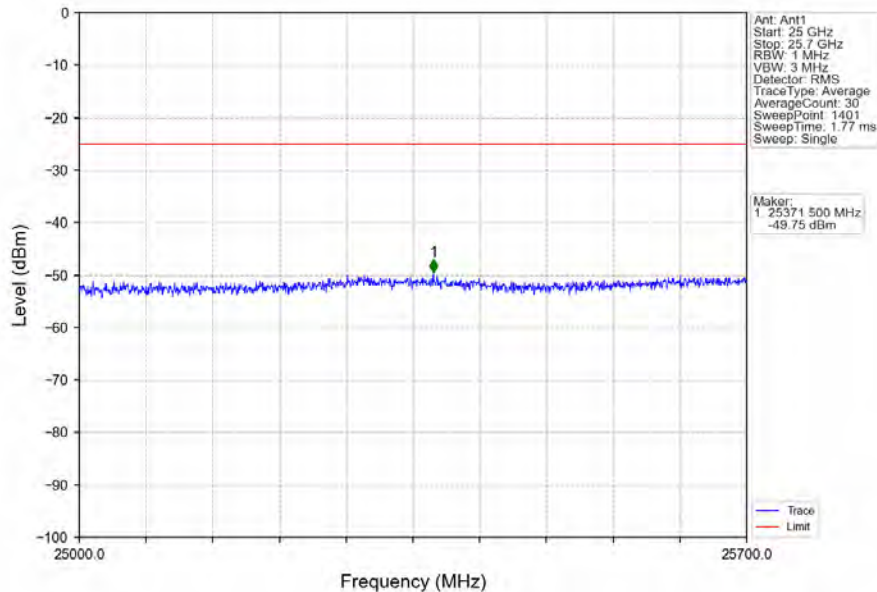
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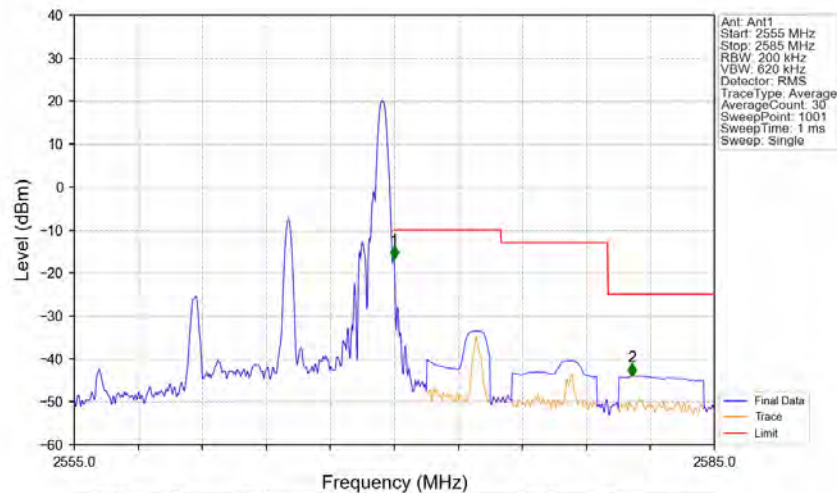
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Band7_10MHz_64QAM_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	1	/	/	/	/
2570	2571	0.2	/	1	2570.000	-16.74	-10	Pass
2571	2585	1	CHP	2	2581.130	-44.04	-25	Pass



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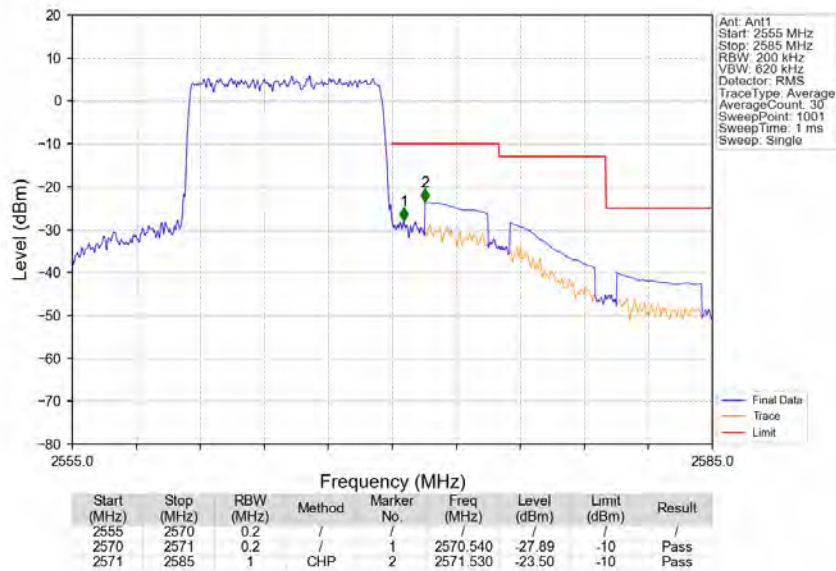
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6.3 B7_15MHz

6.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	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
16QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	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
64QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2535	1	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



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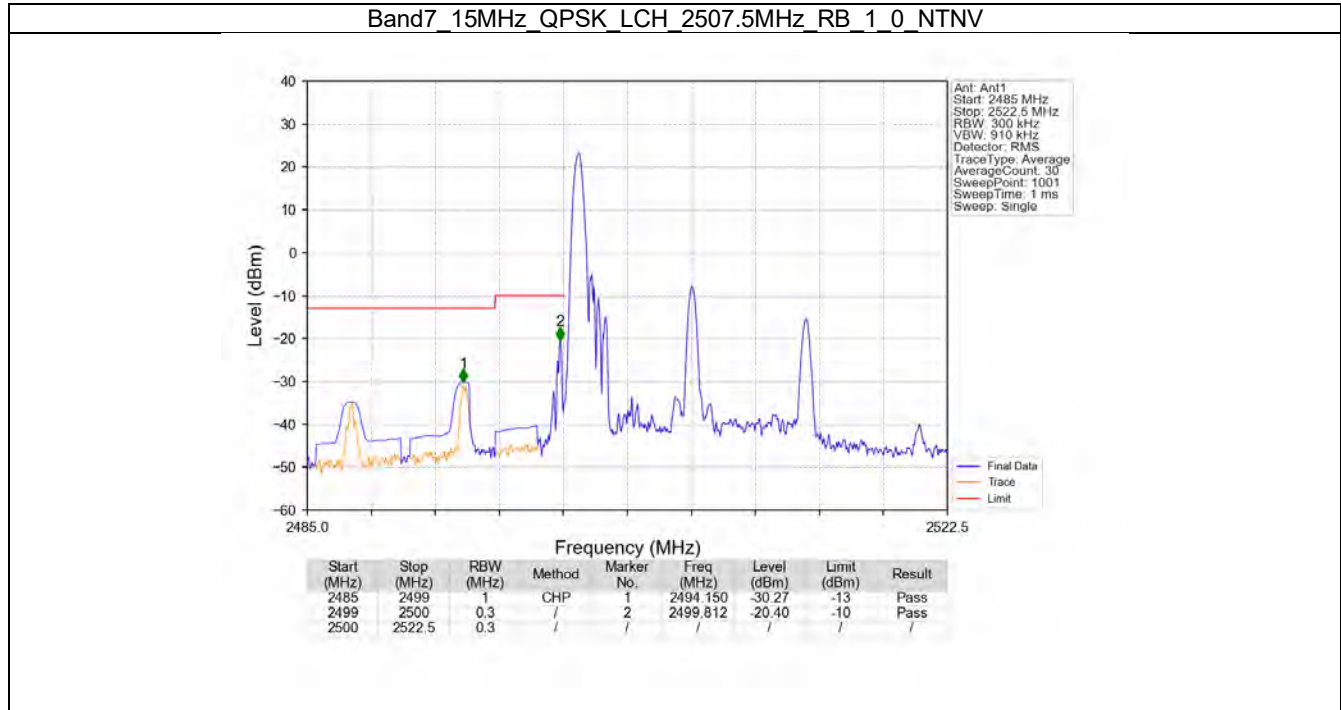
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6.3.2 Test Graph



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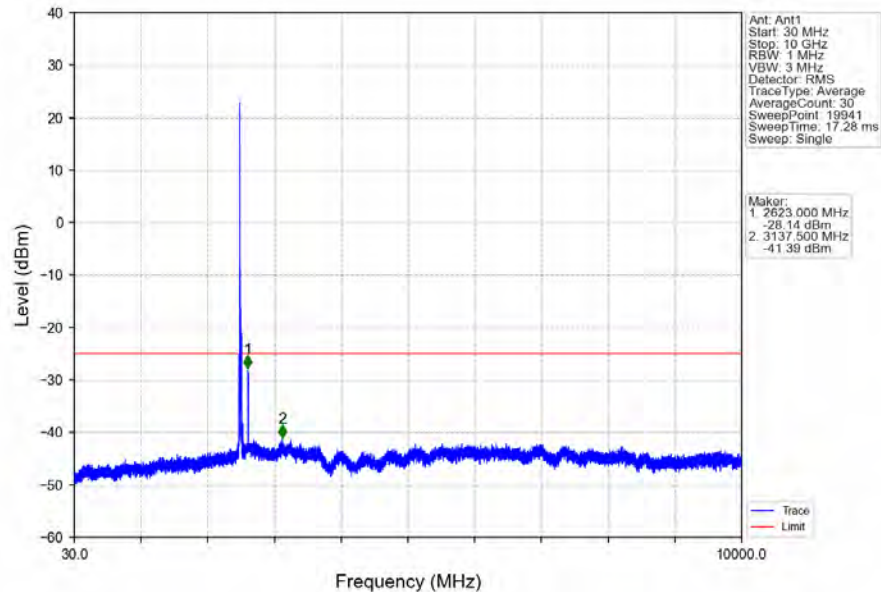
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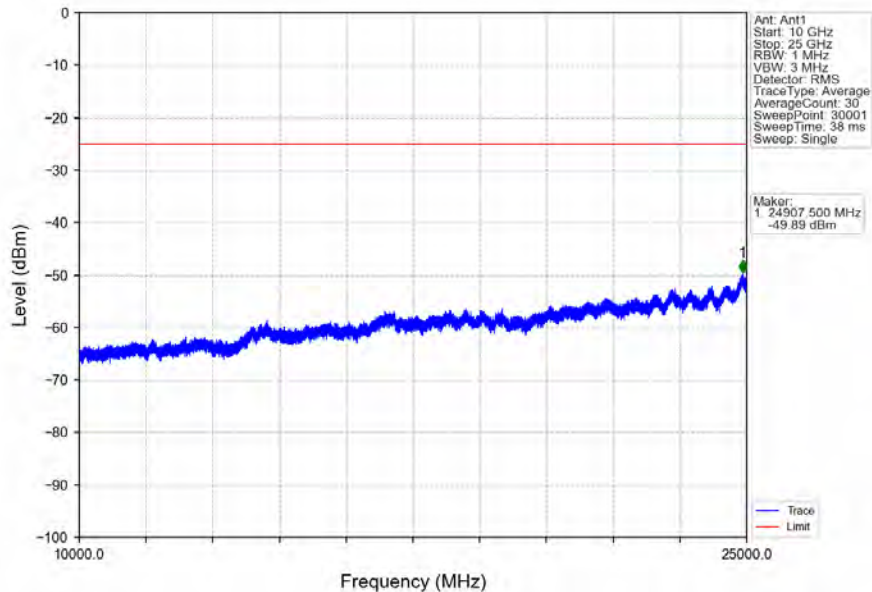
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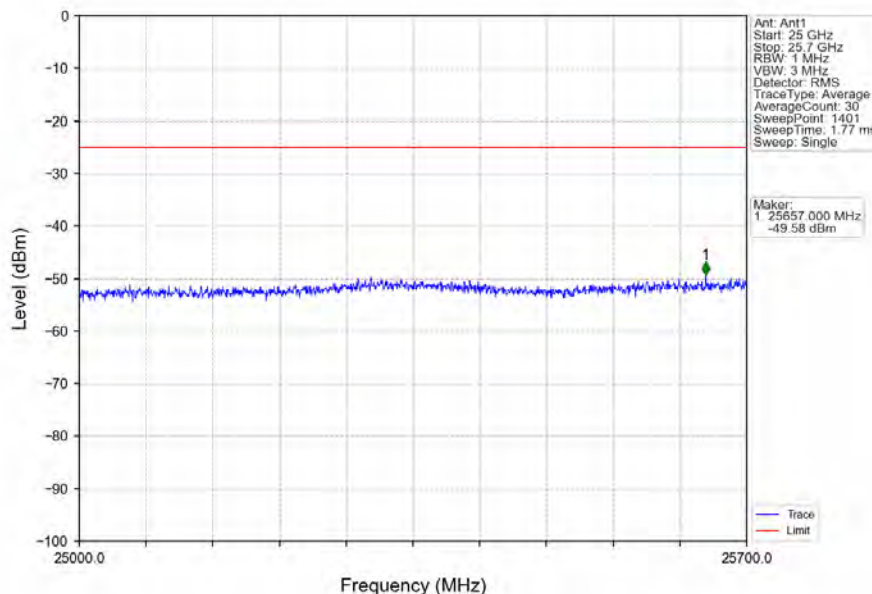
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Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



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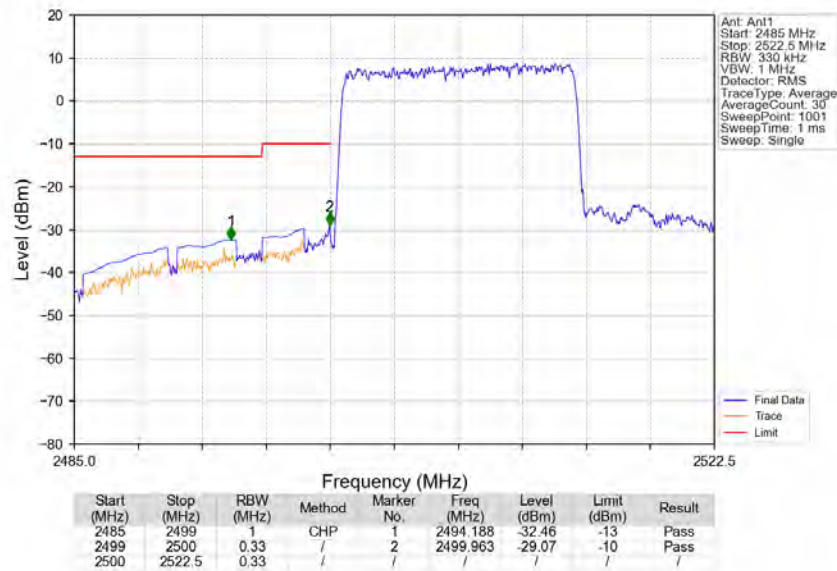
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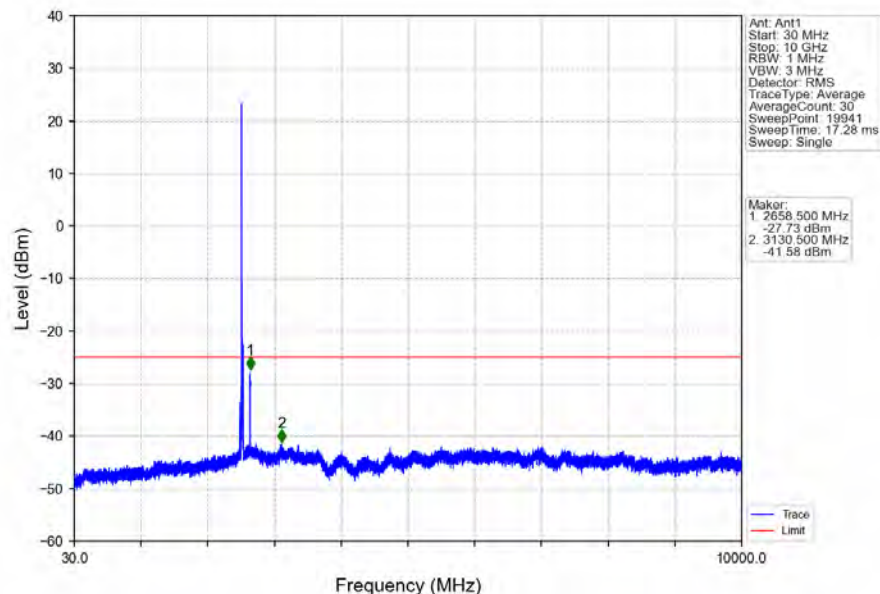
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Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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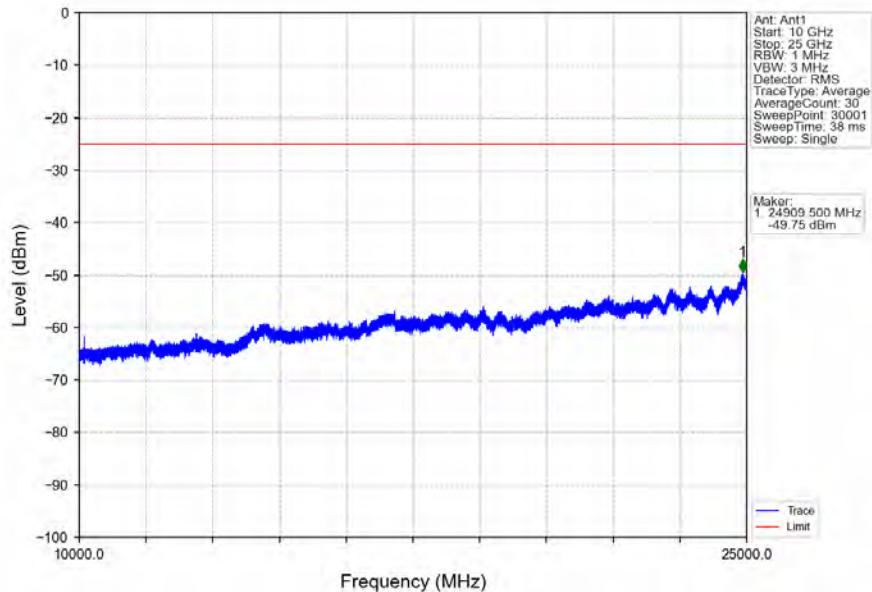
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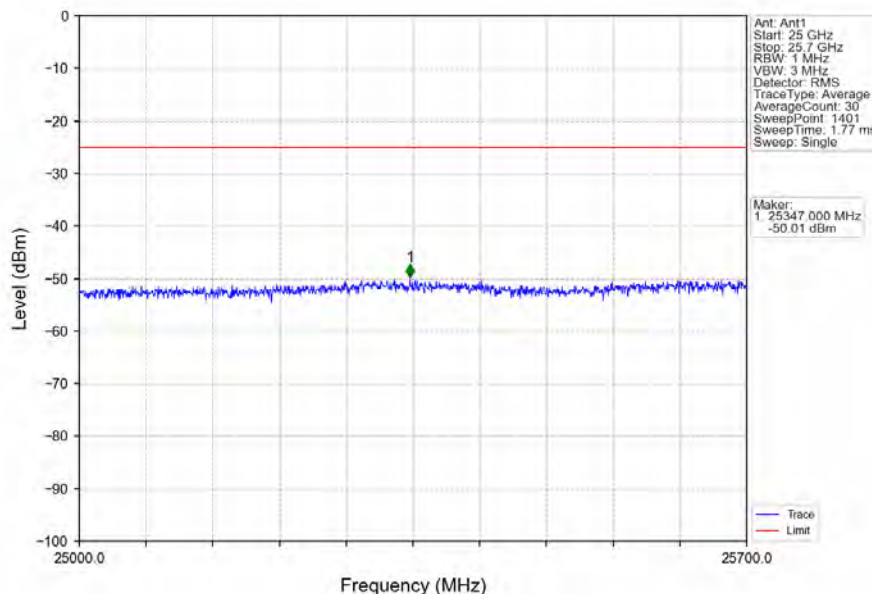
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Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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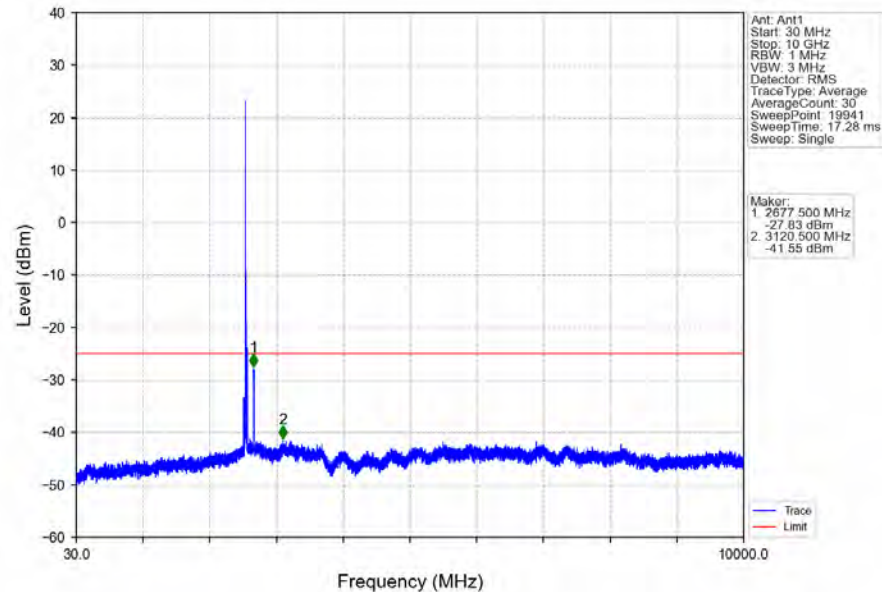
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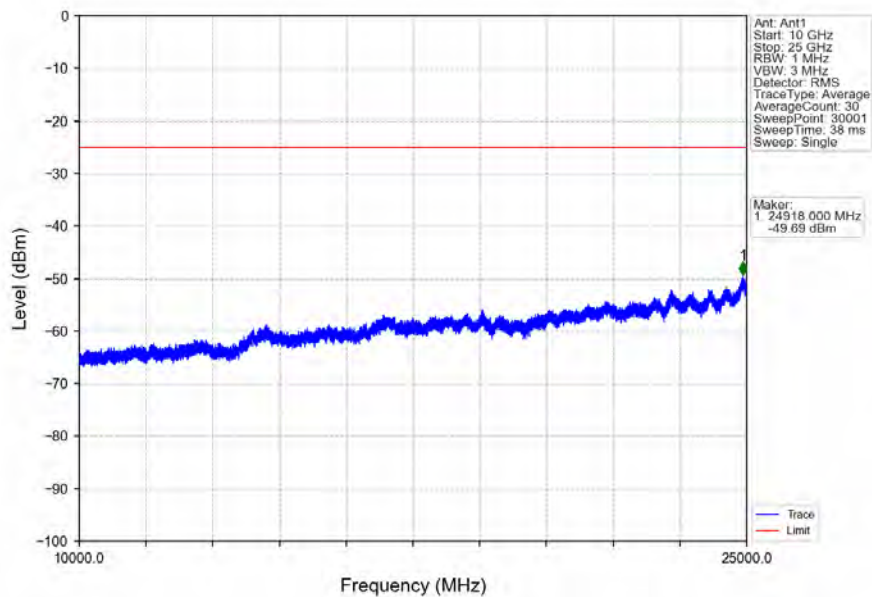
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



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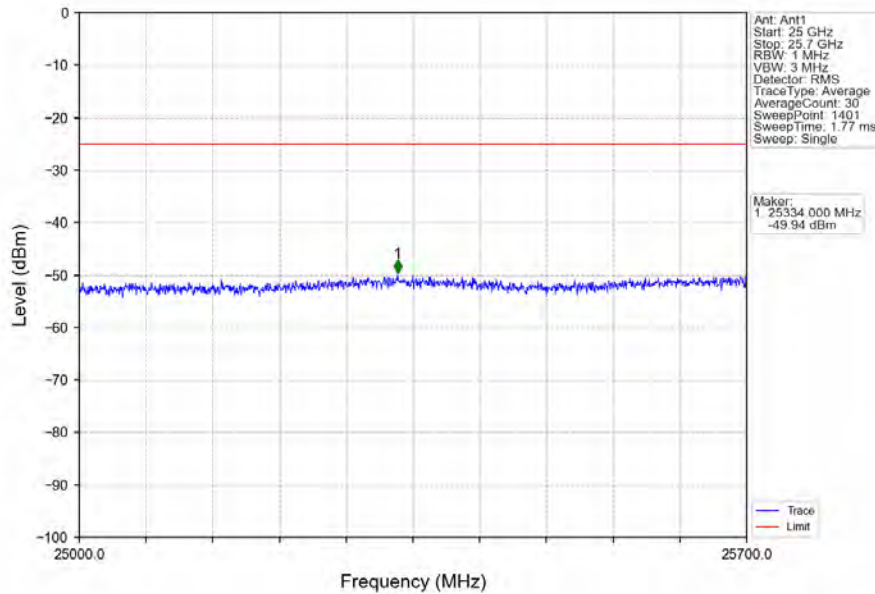
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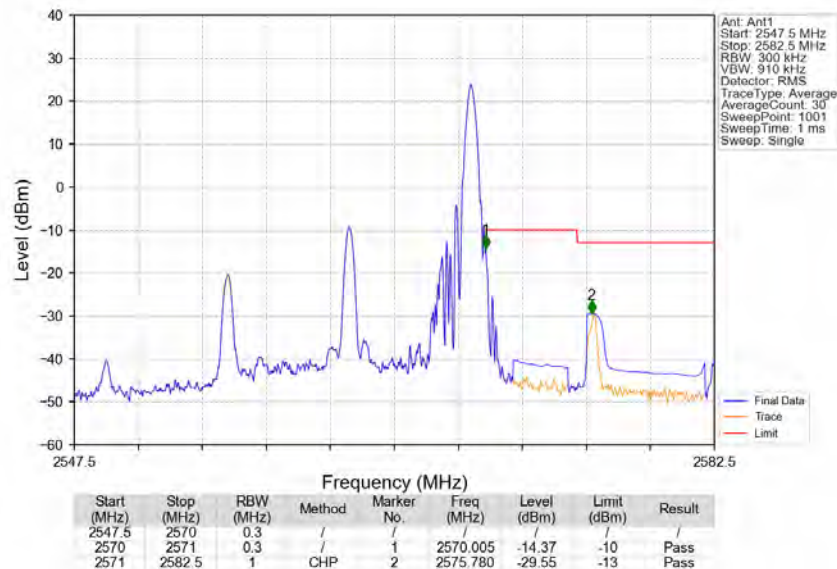
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



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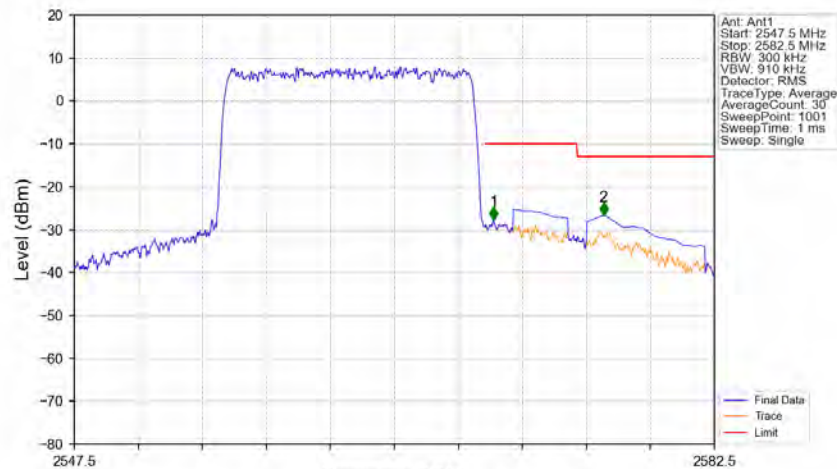
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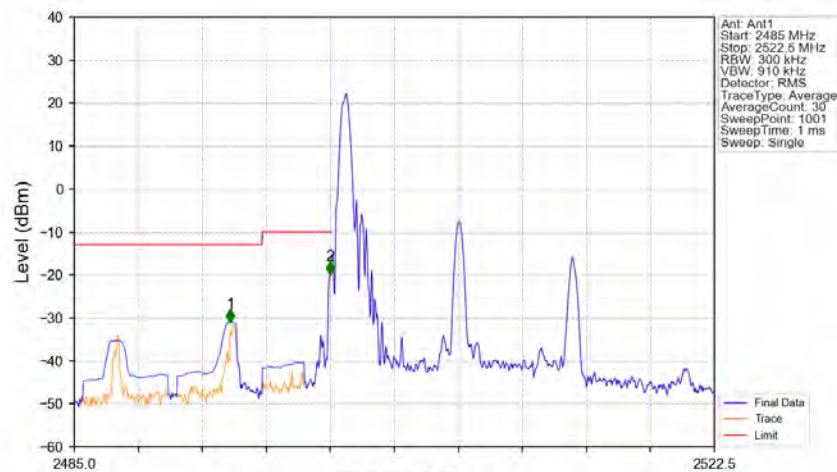
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	/	1	2570.425	-27.85	-10	Pass
2570	2571	0.3	/	2	2576.445	-26.76	-13	Pass
2571	2582.5	1	CHP					

Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2494.150	-31.02	-13	Pass
2499	2500	0.3	/	2	2500.000	-19.97	-10	Pass
2500	2522.5	0.3	/					



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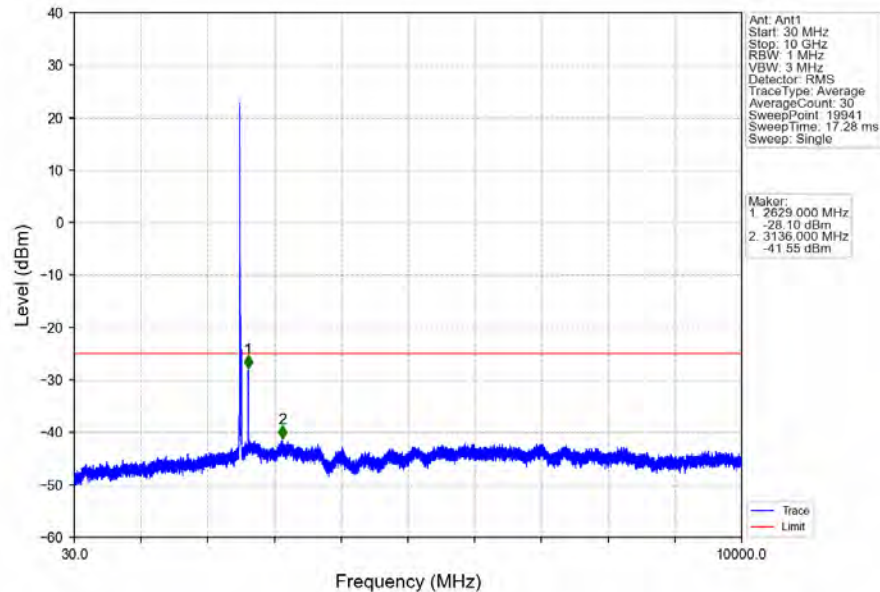
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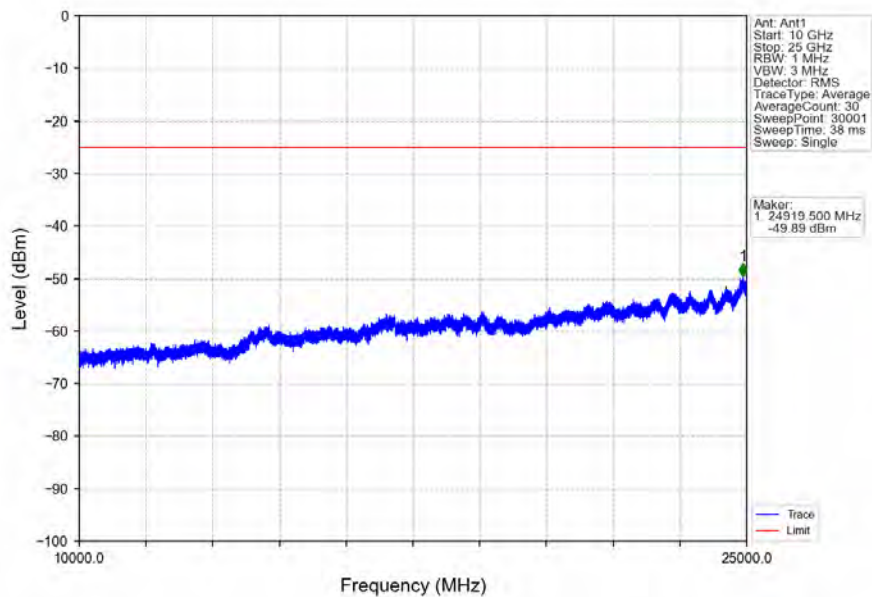
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



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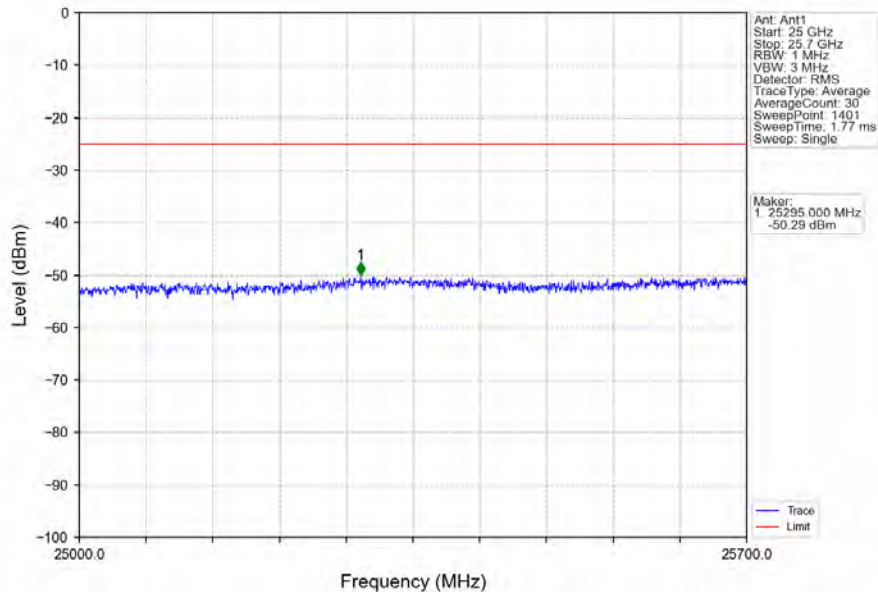
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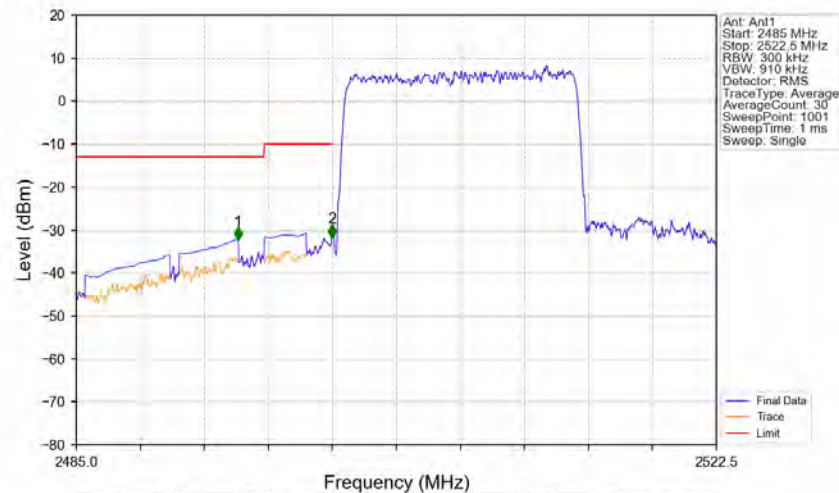
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2494.488	-32.35	-13	Pass
2499	2500	0.3	/	2	2500.000	-31.77	-10	Pass
2500	2522.5	0.3	/	/	/	/	/	/



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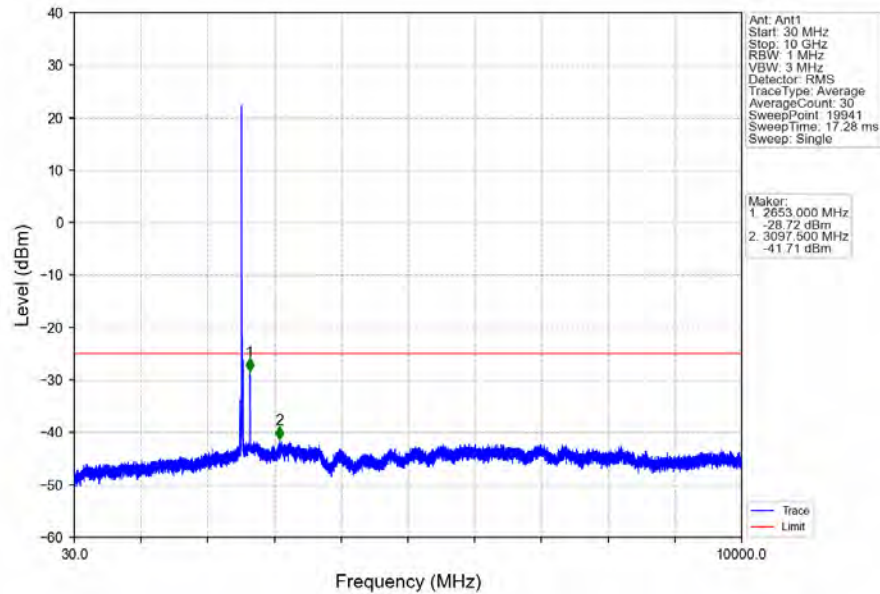
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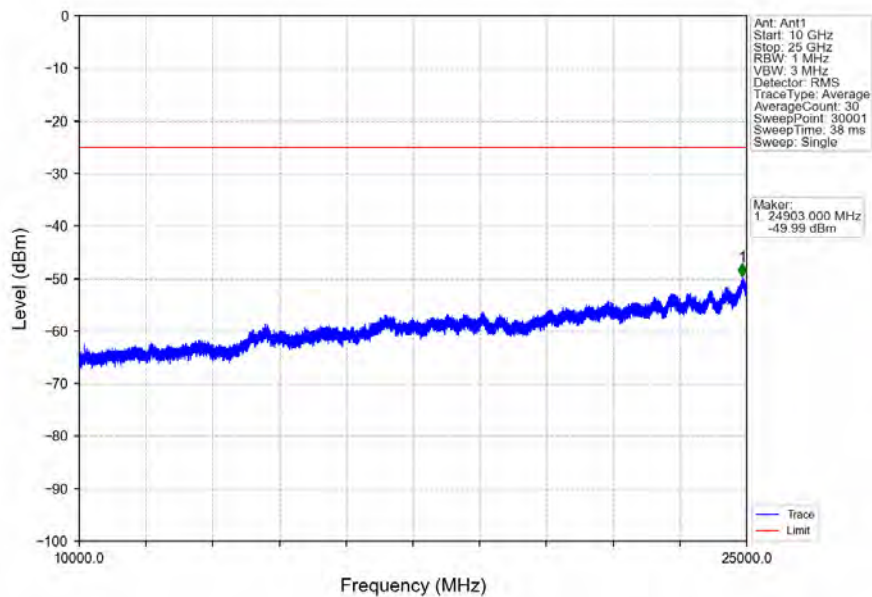
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Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



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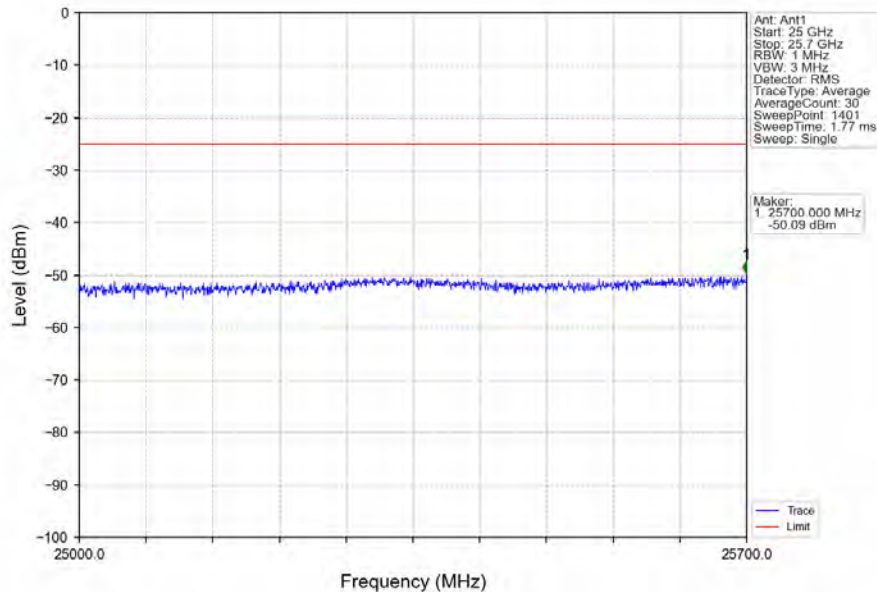
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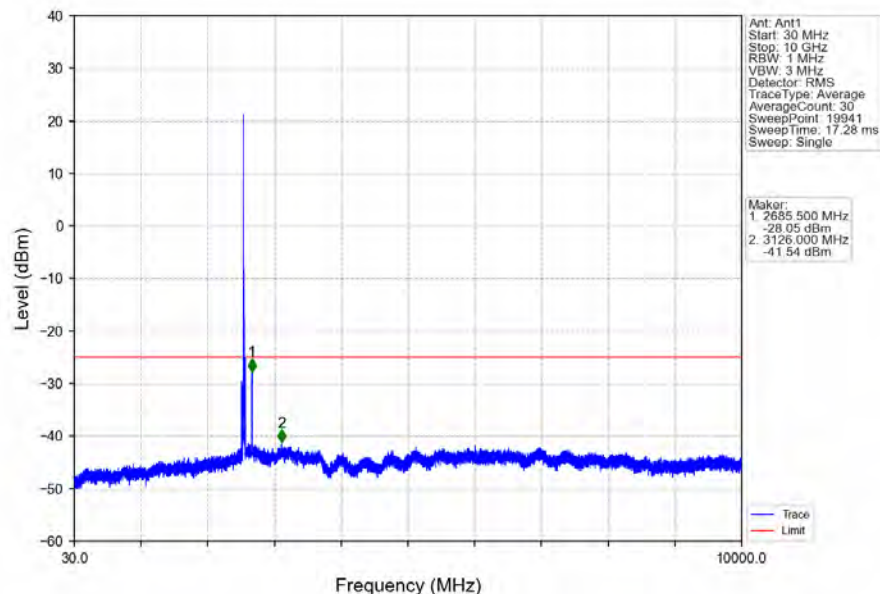
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Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



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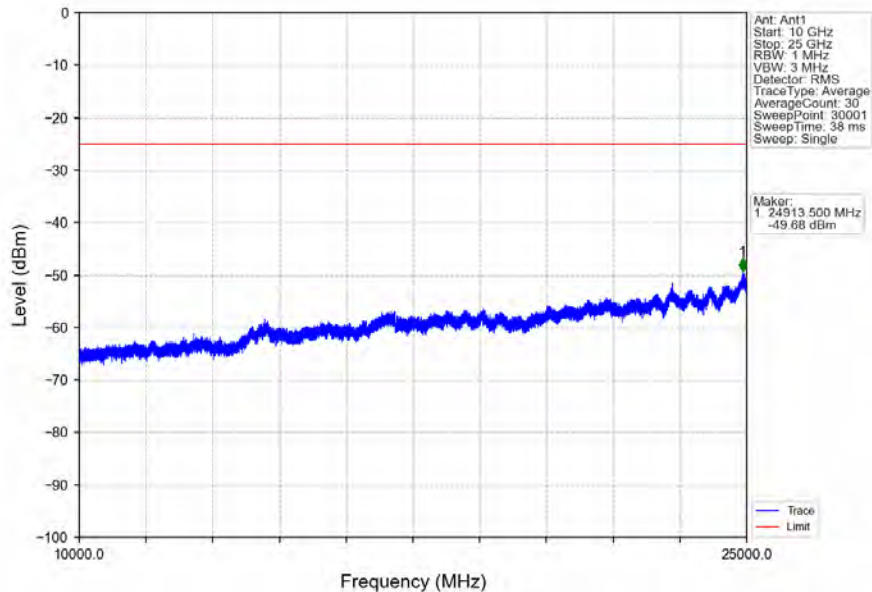
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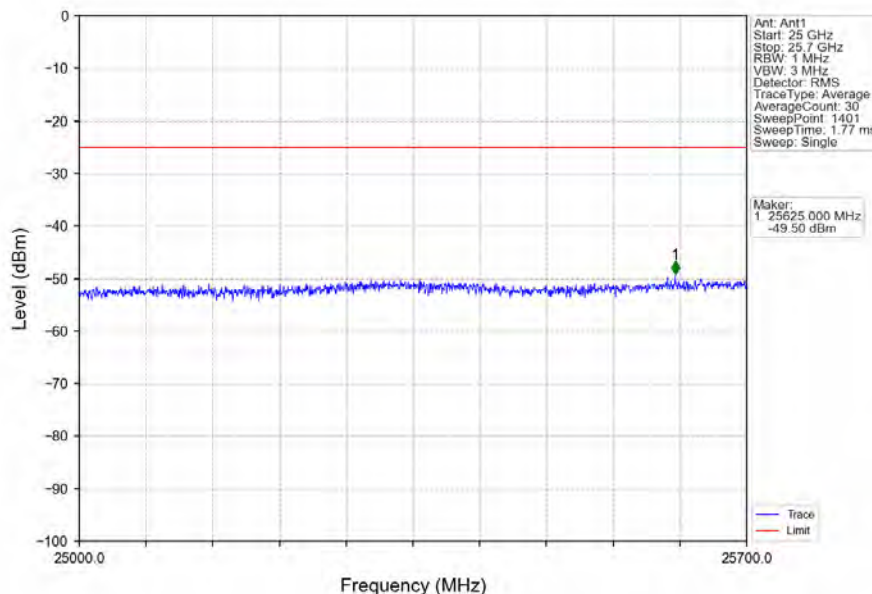
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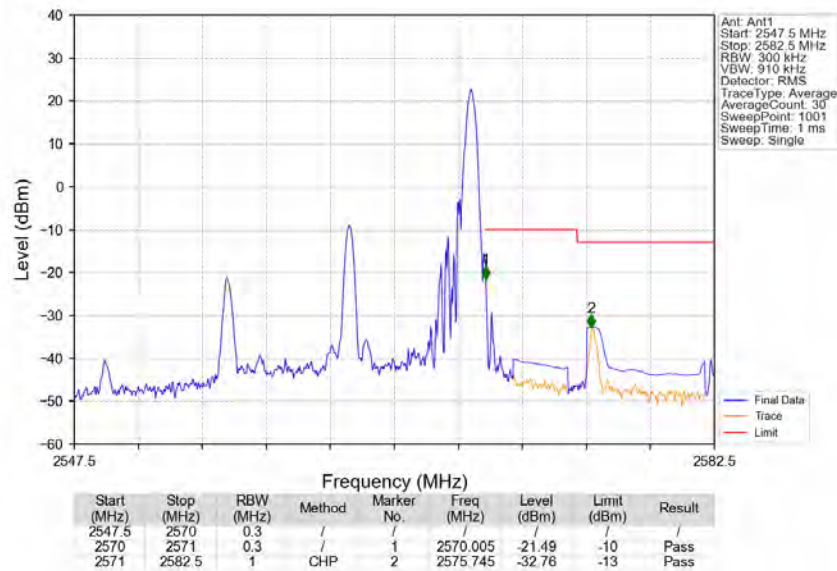
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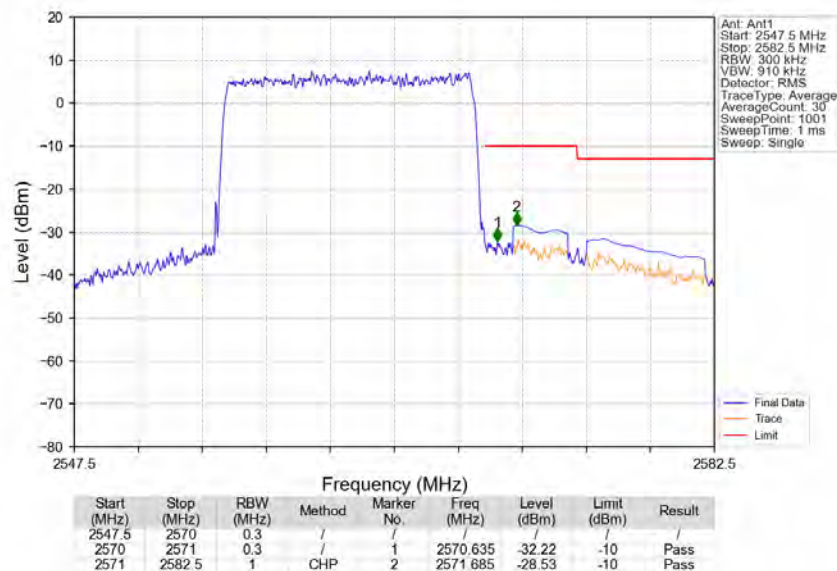
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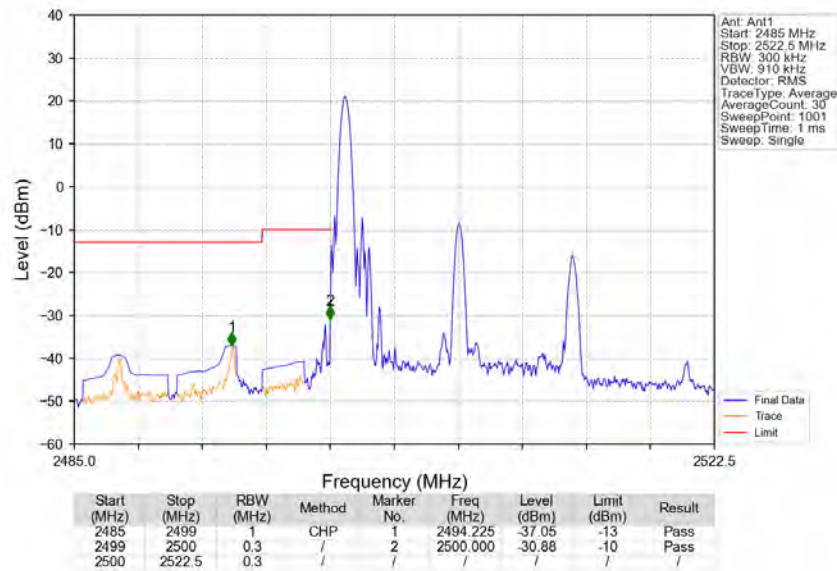
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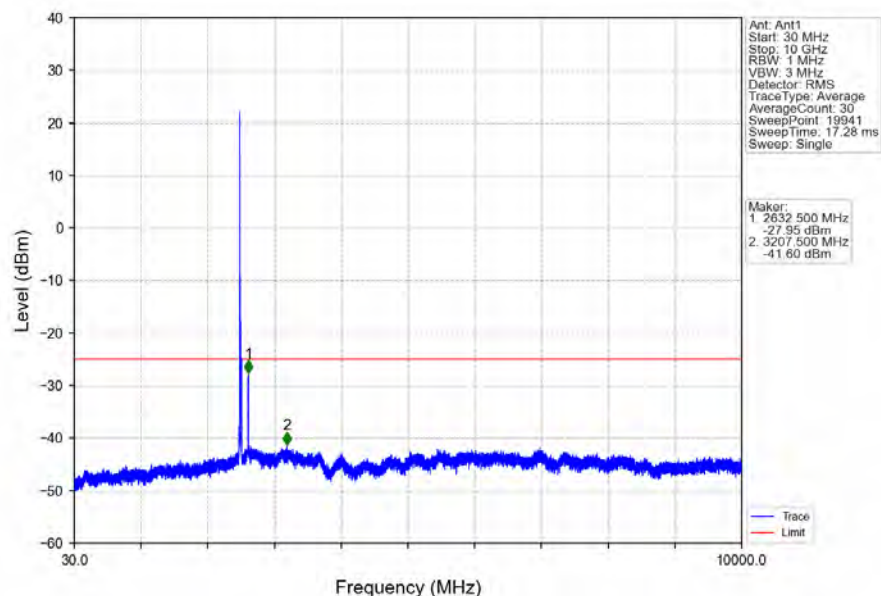
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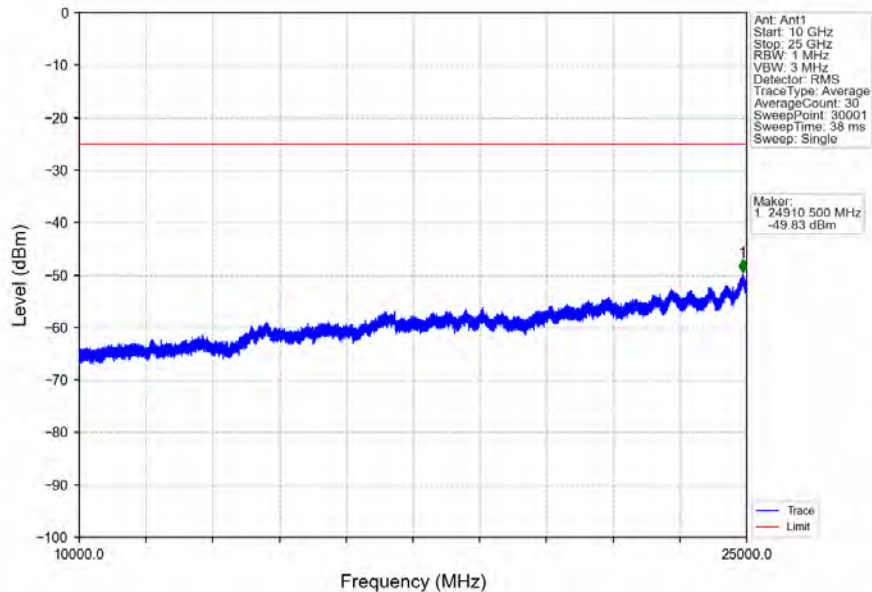
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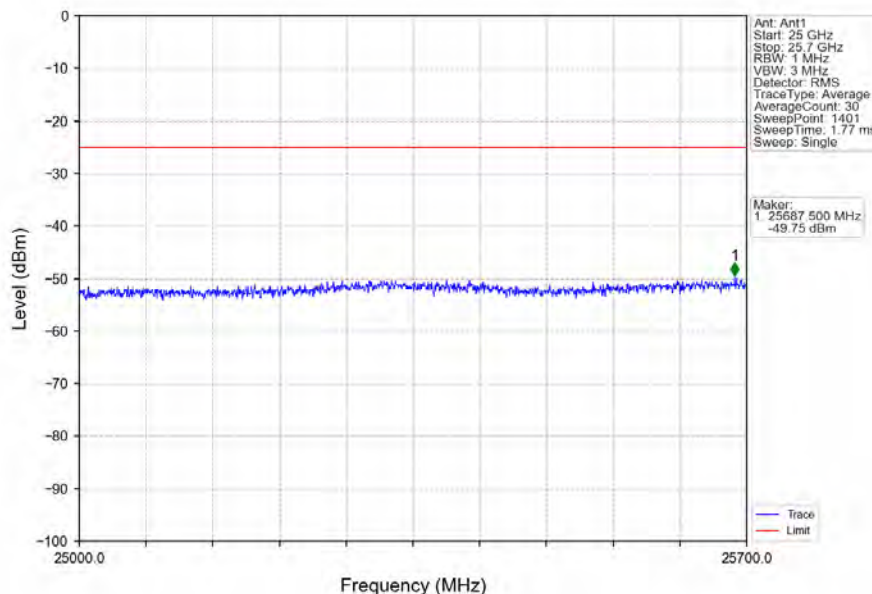
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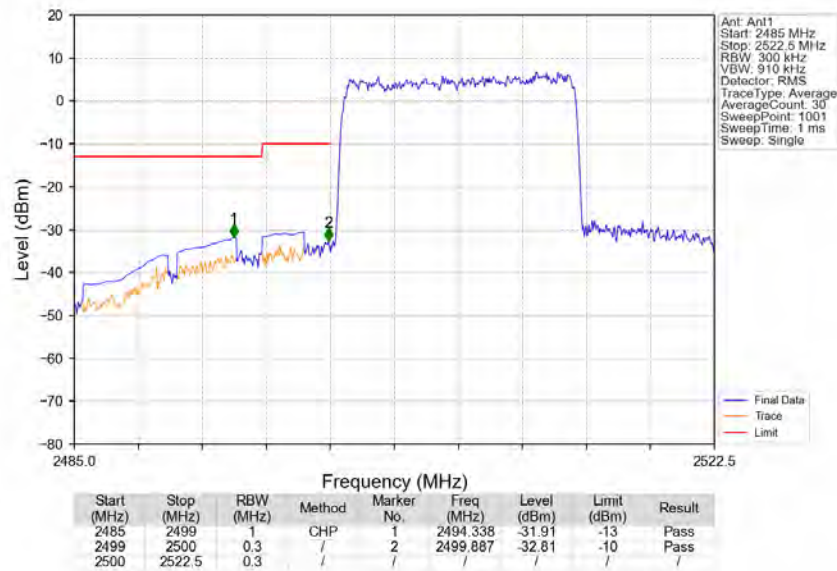
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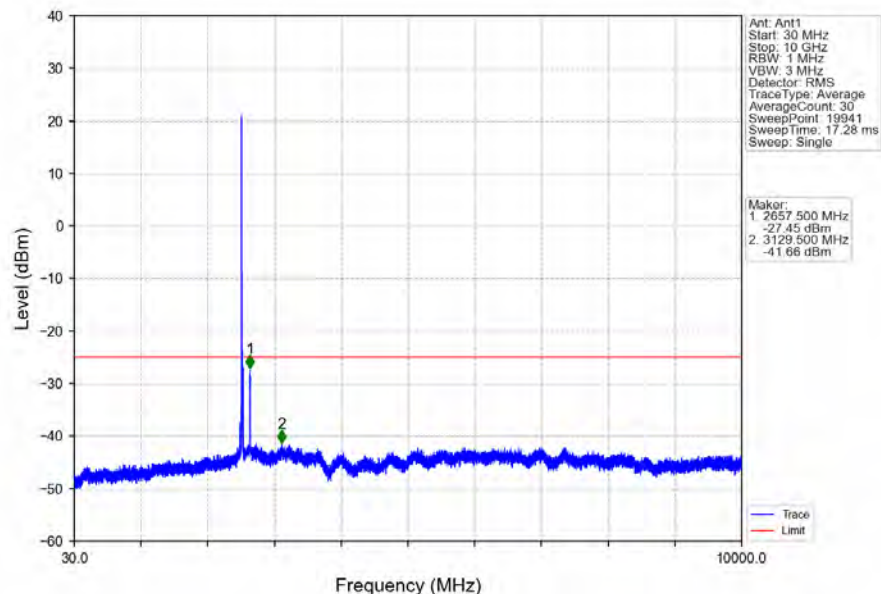
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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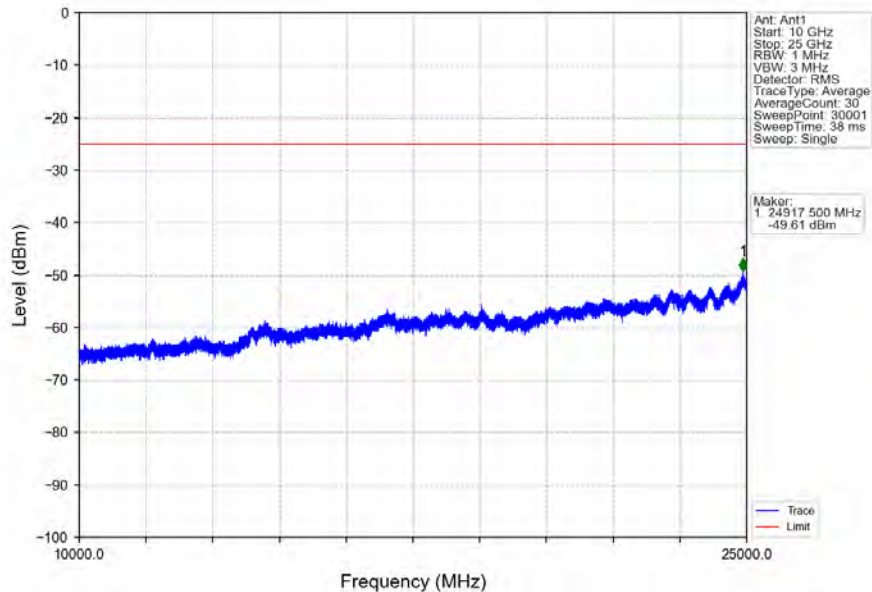
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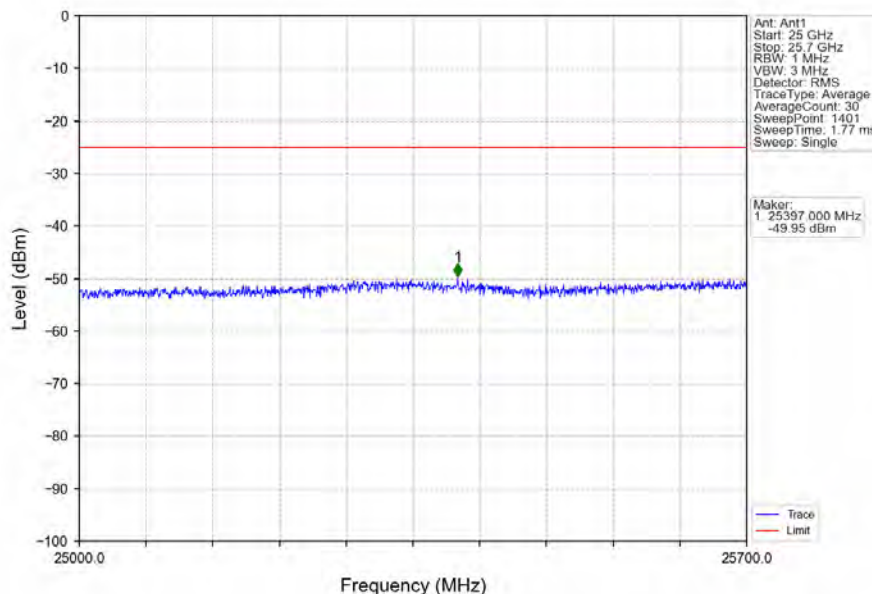
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Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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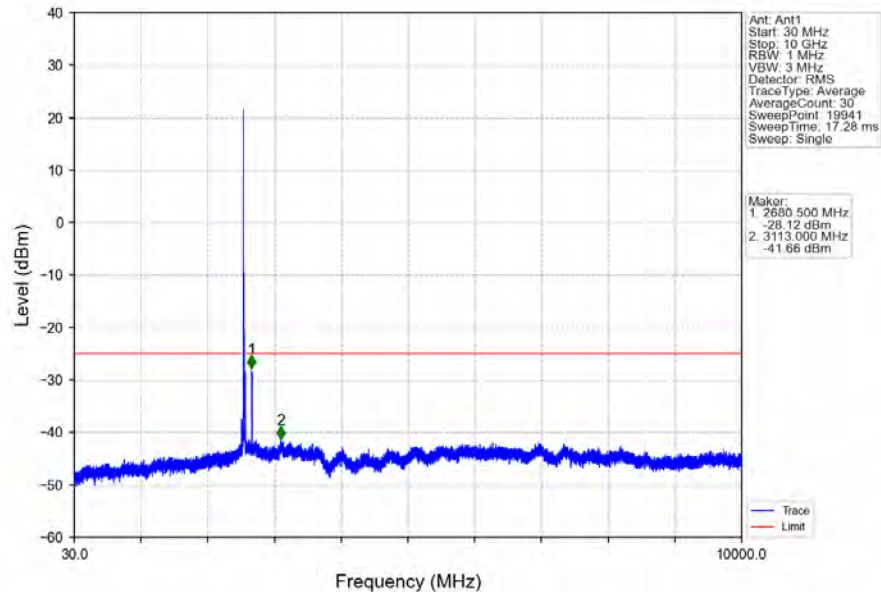
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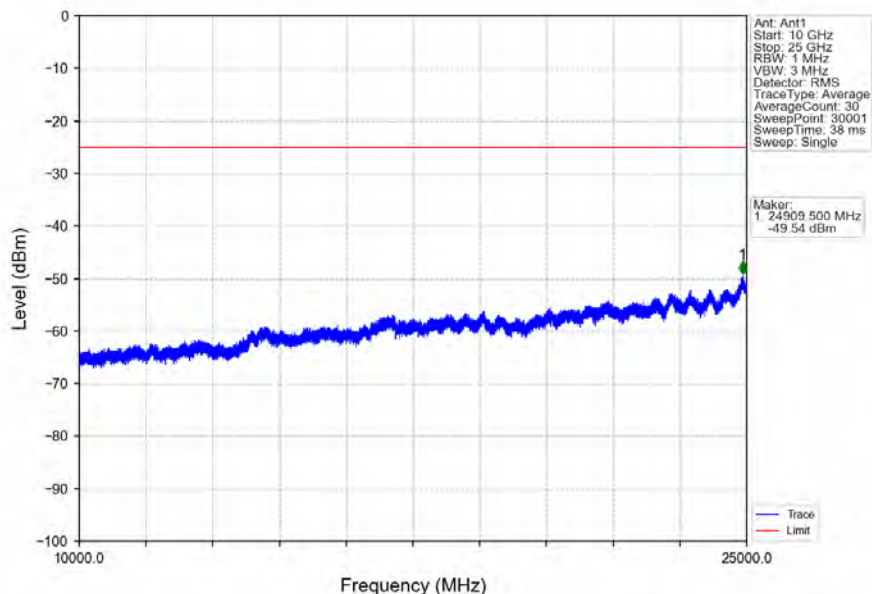
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



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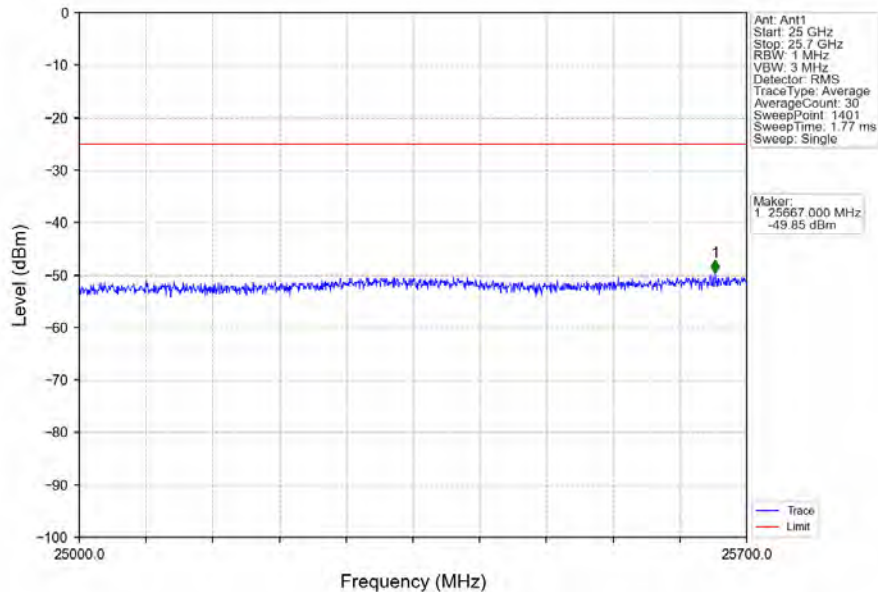
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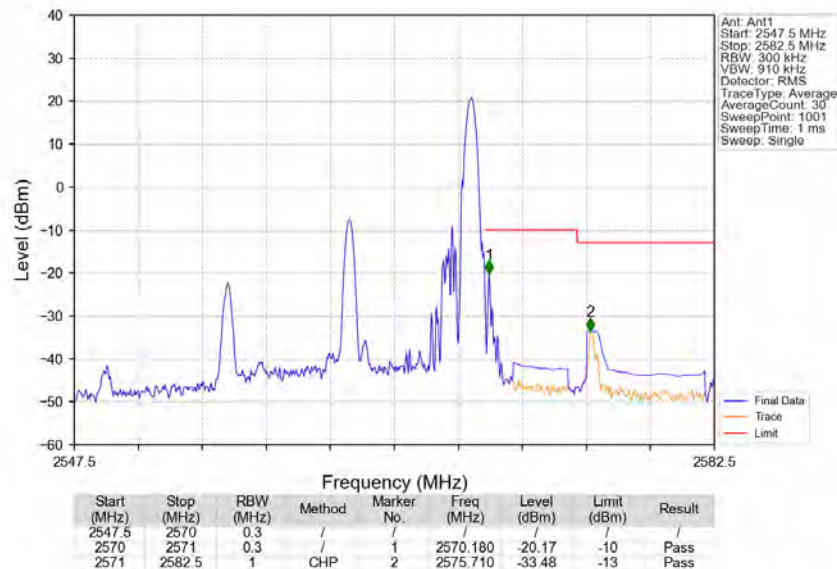
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_74_NTNV



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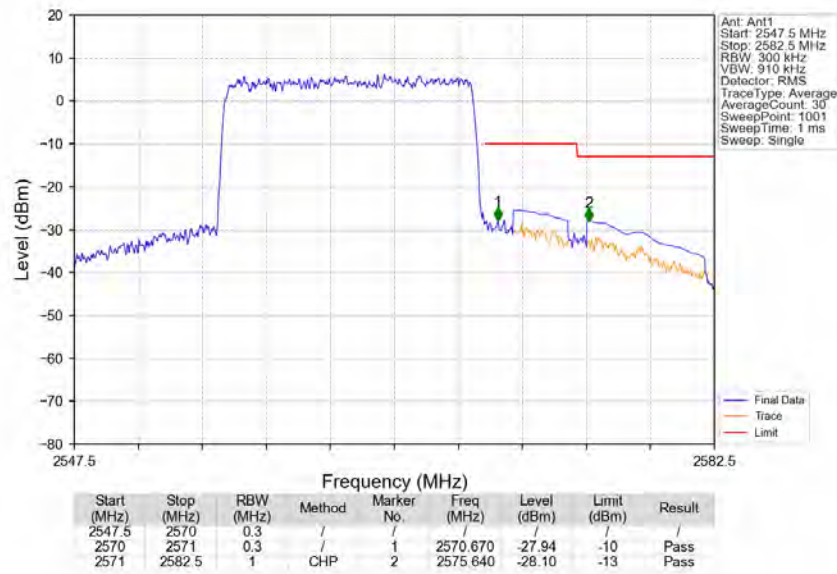
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6.4 B7_20MHz

6.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2510	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2560	1	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
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2560	1	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
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2560	1	99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass



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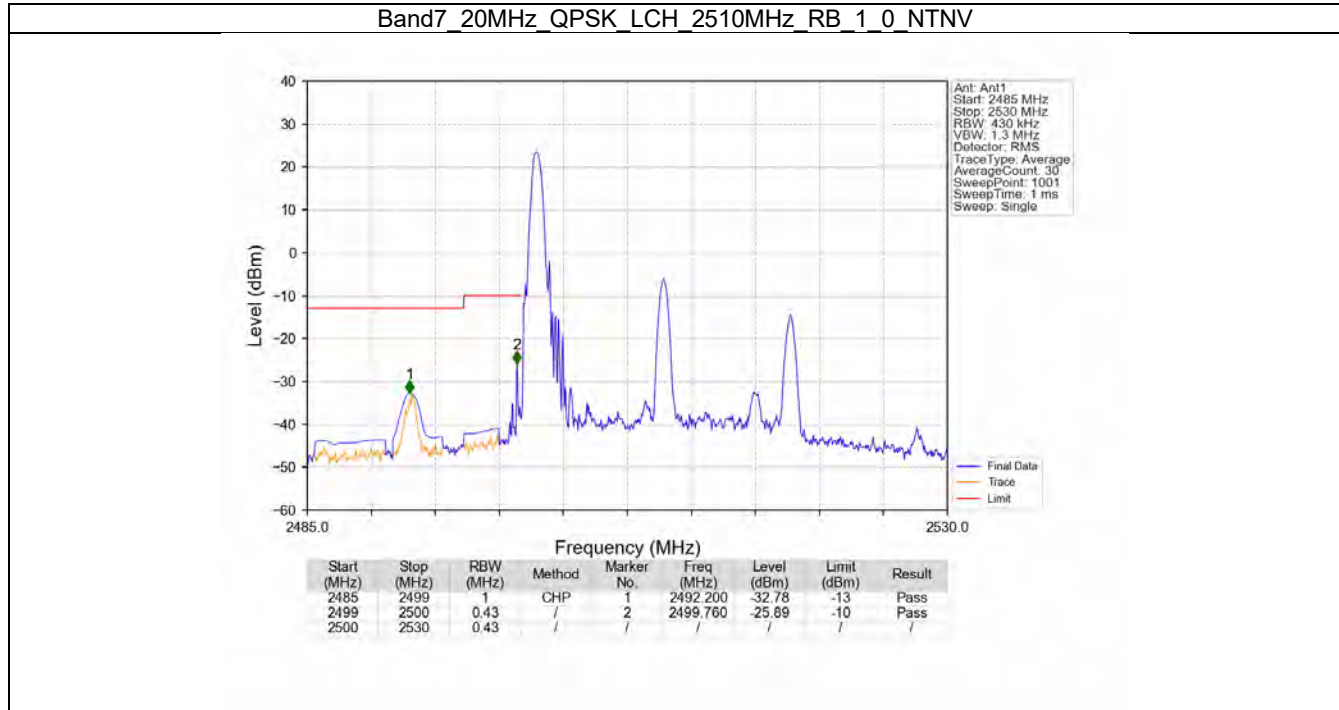
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6.4.2 Test Graph



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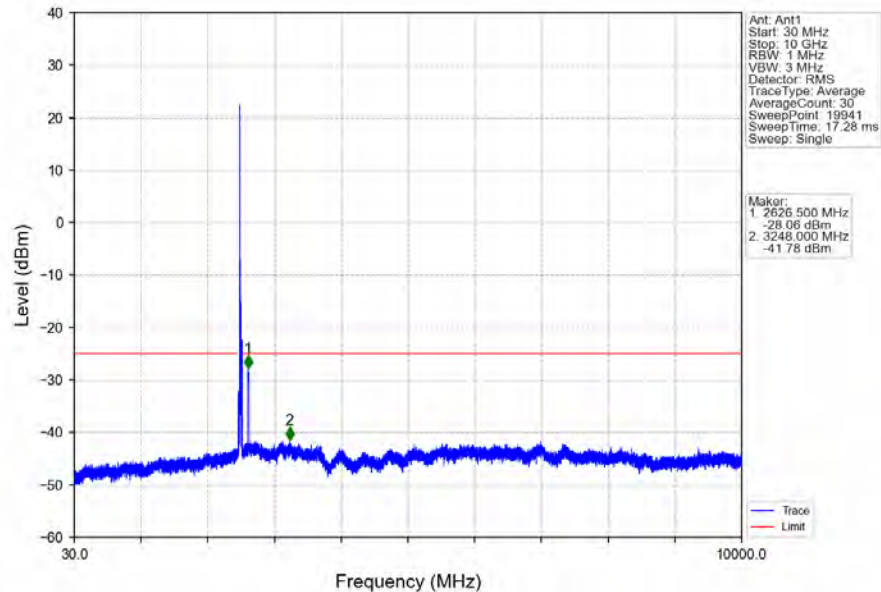
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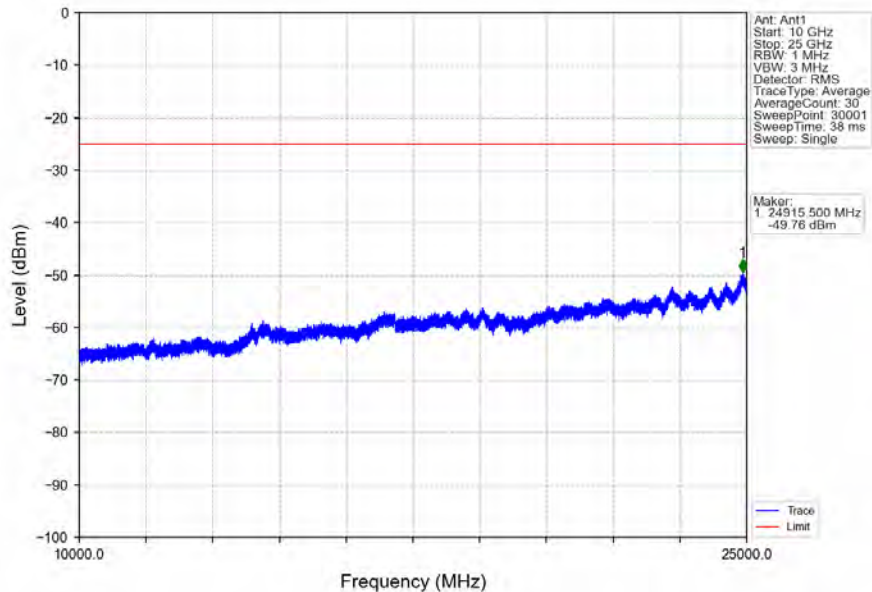
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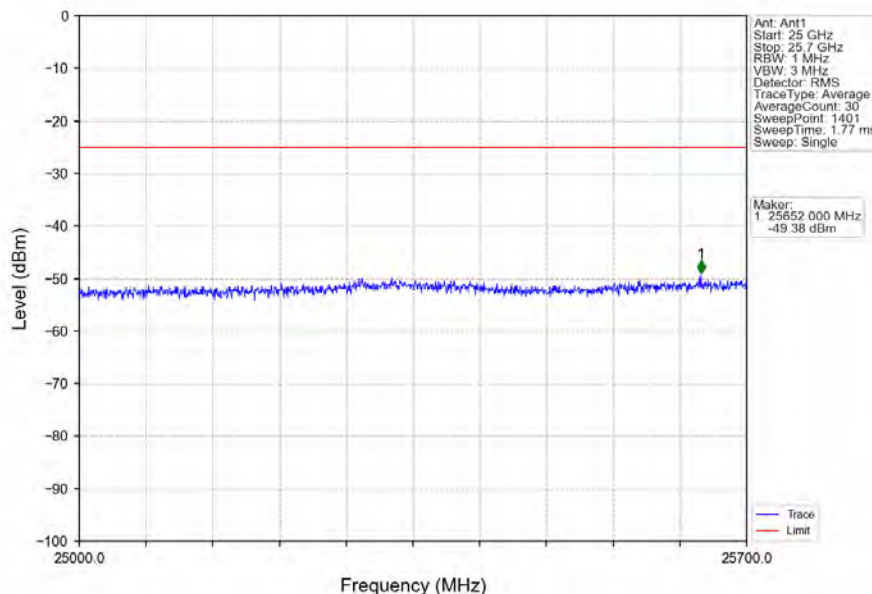
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Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



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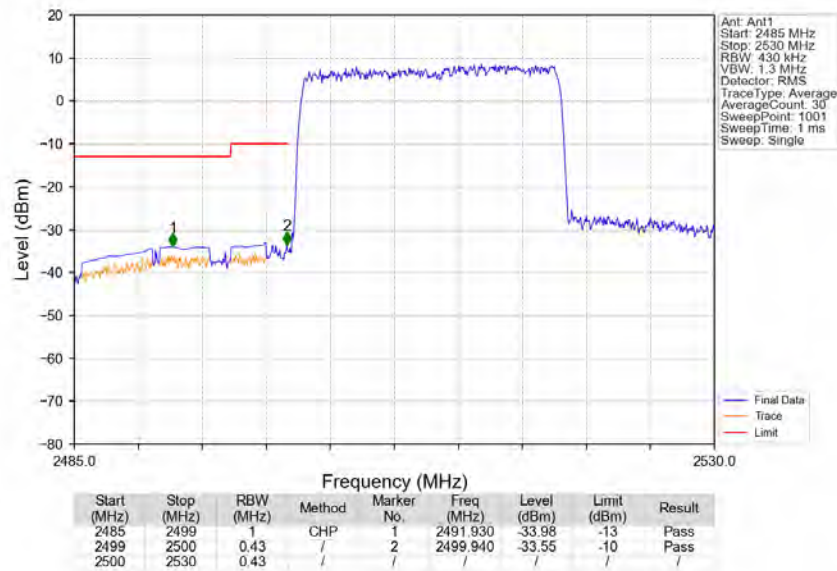
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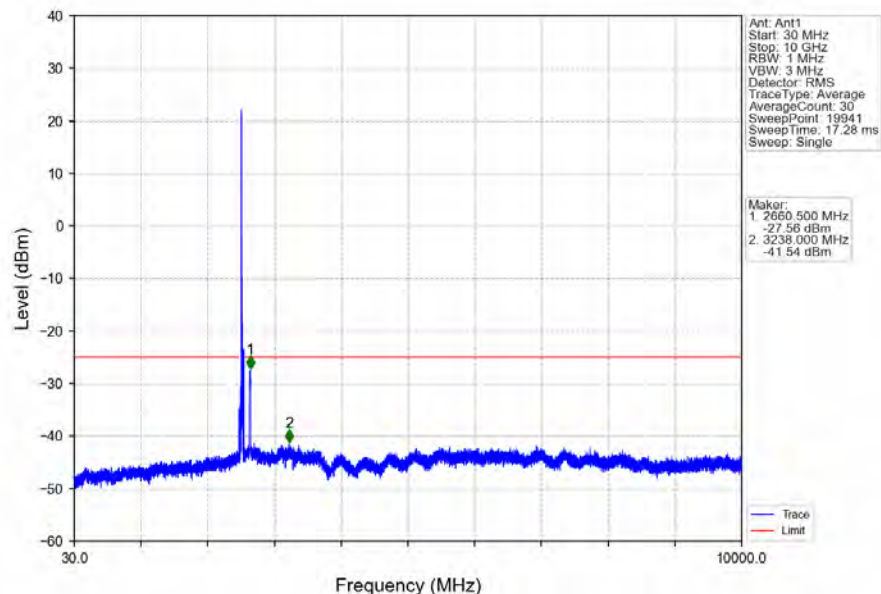
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Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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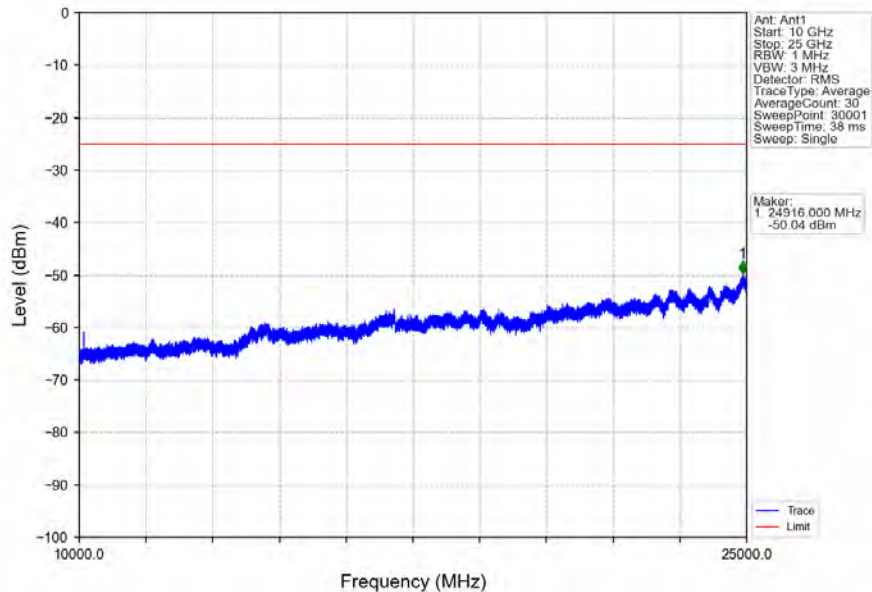
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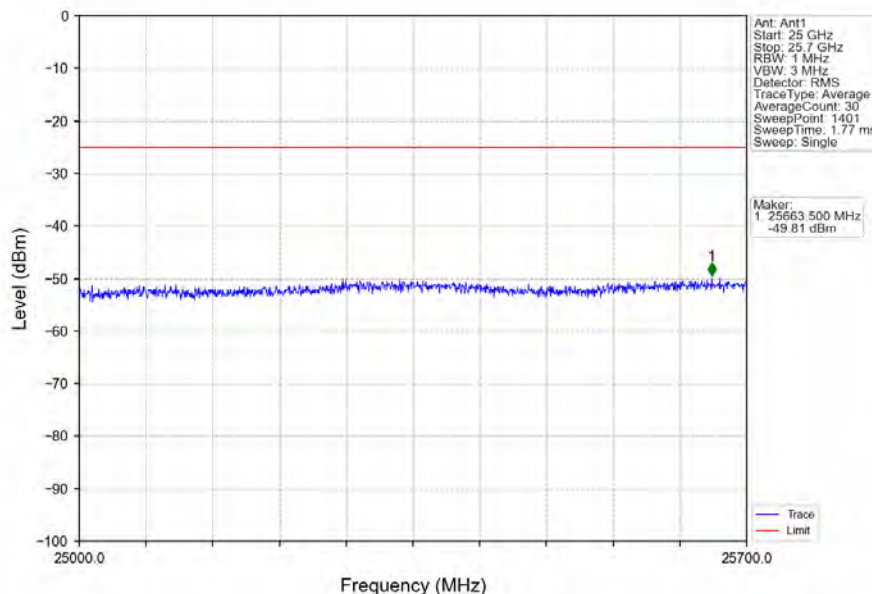
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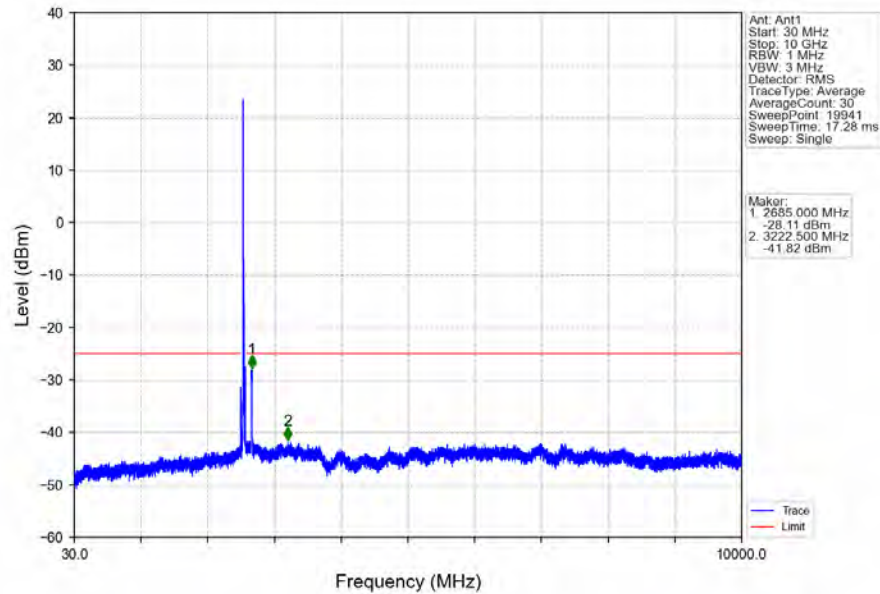
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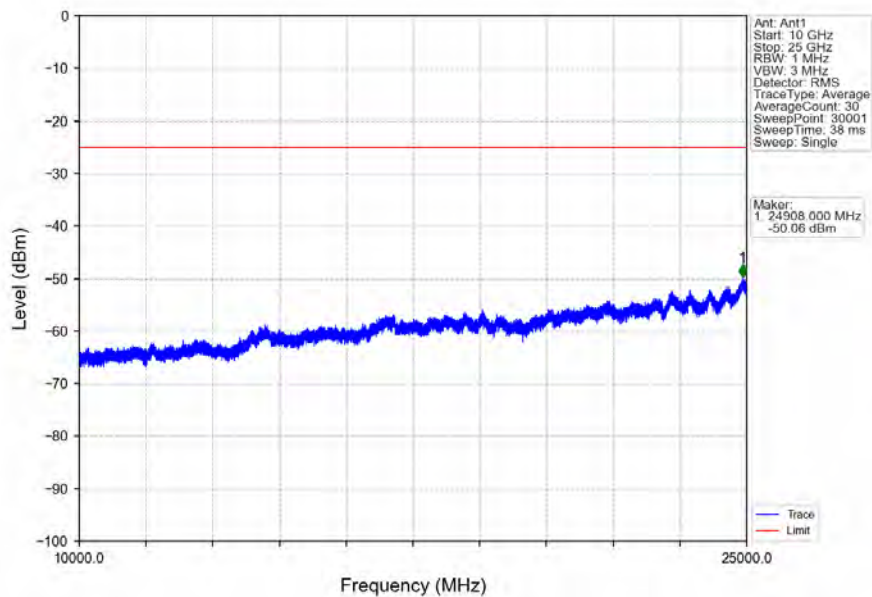
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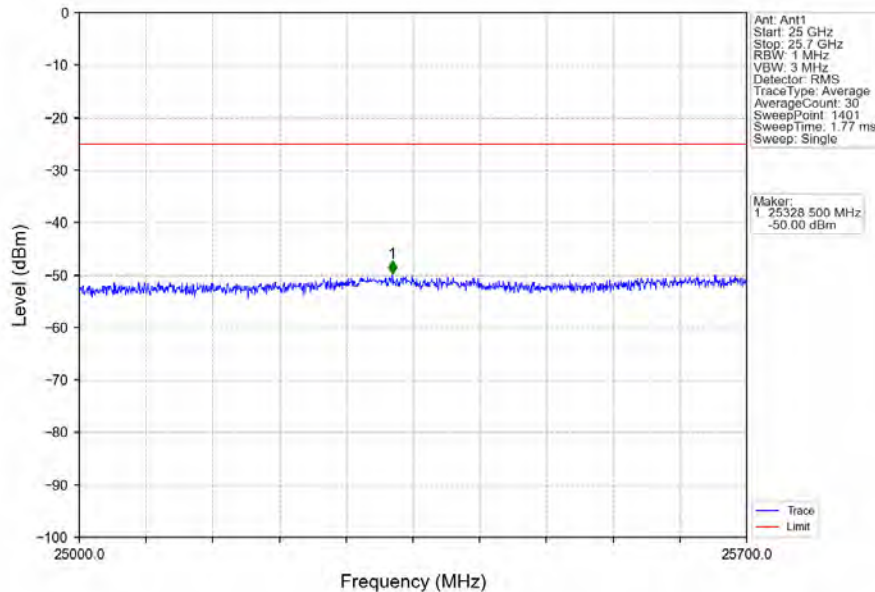
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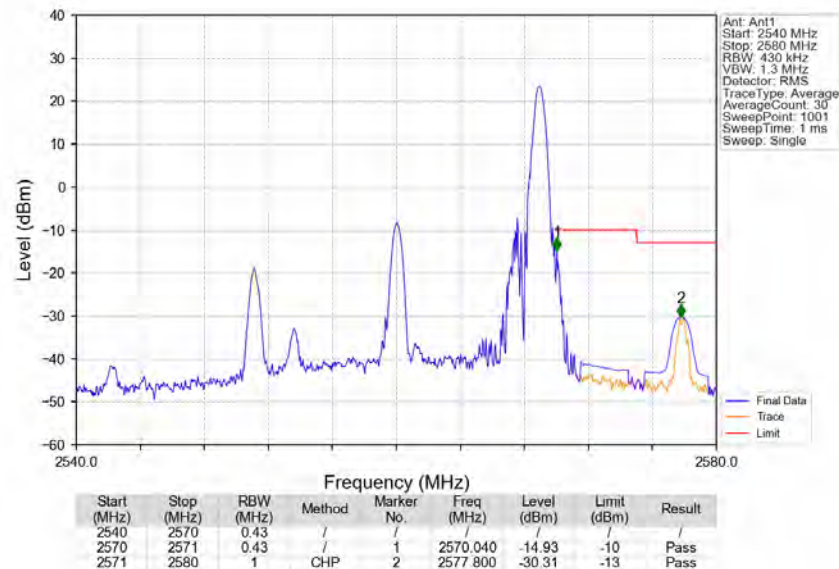
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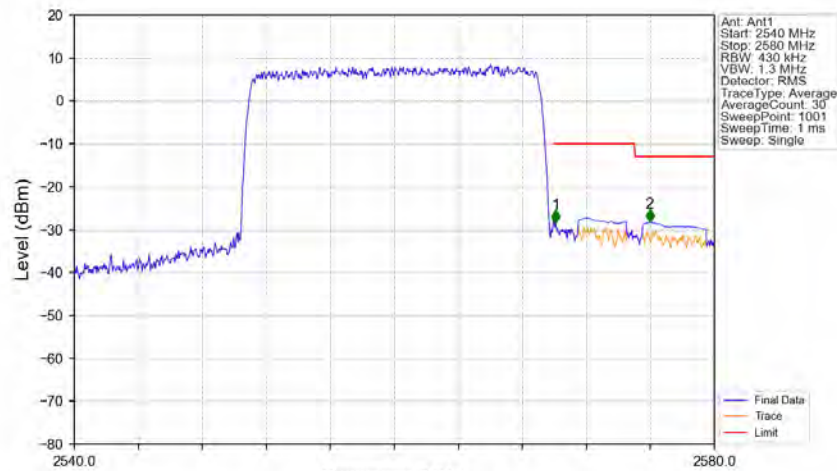
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Rev.: 01

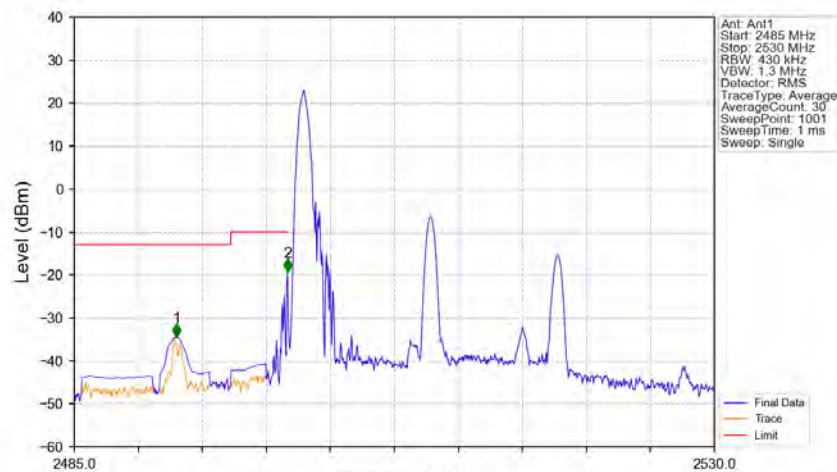
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.43	/	1	2570.080	-28.58	-10	Pass
2570	2571	0.43	/	2	2575.960	-28.36	-13	Pass
2571	2580	1	CHP					

Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	0.43	CHP	1	2492.200	-34.48	-13	Pass
2499	2500	0.43	/	2	2499.985	-19.20	-10	Pass
2500	2530	0.43	/	/	/	/	/	/



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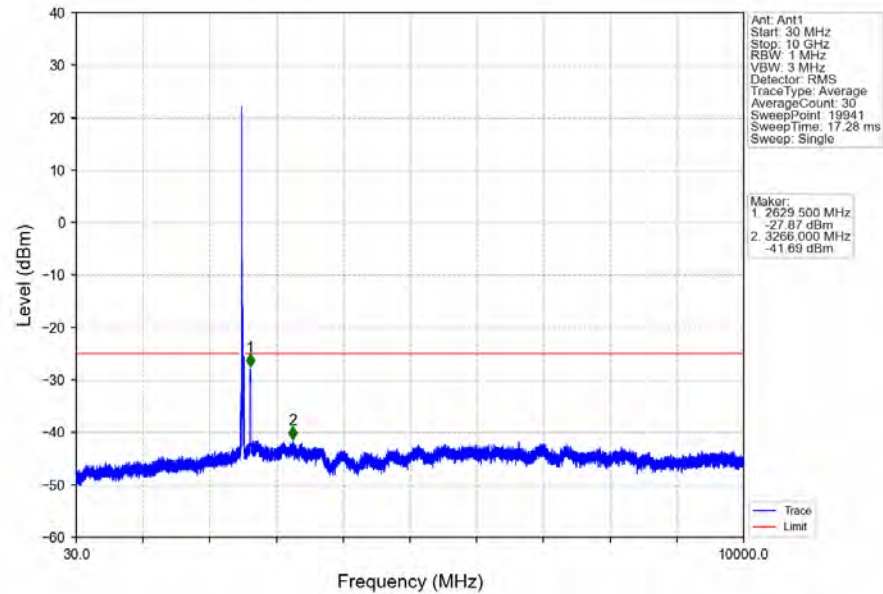
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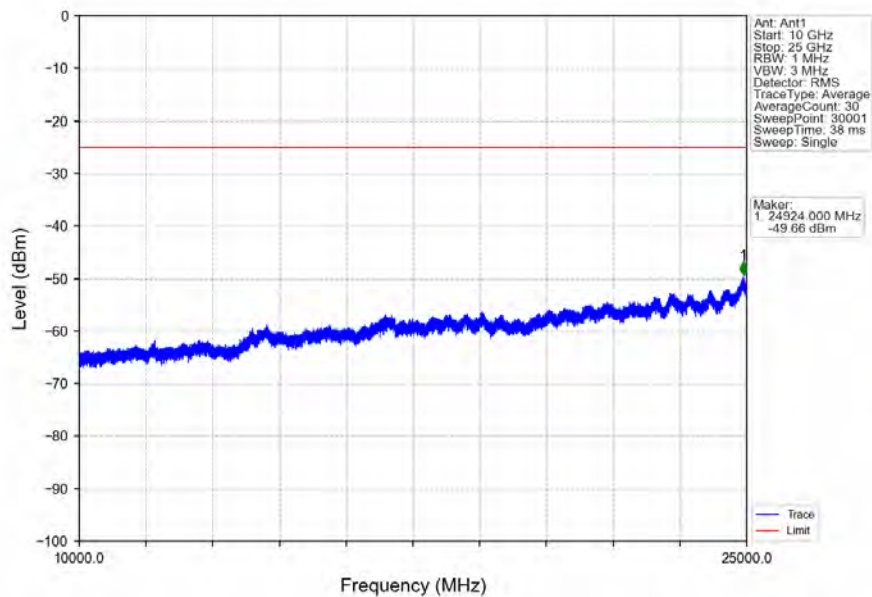
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Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



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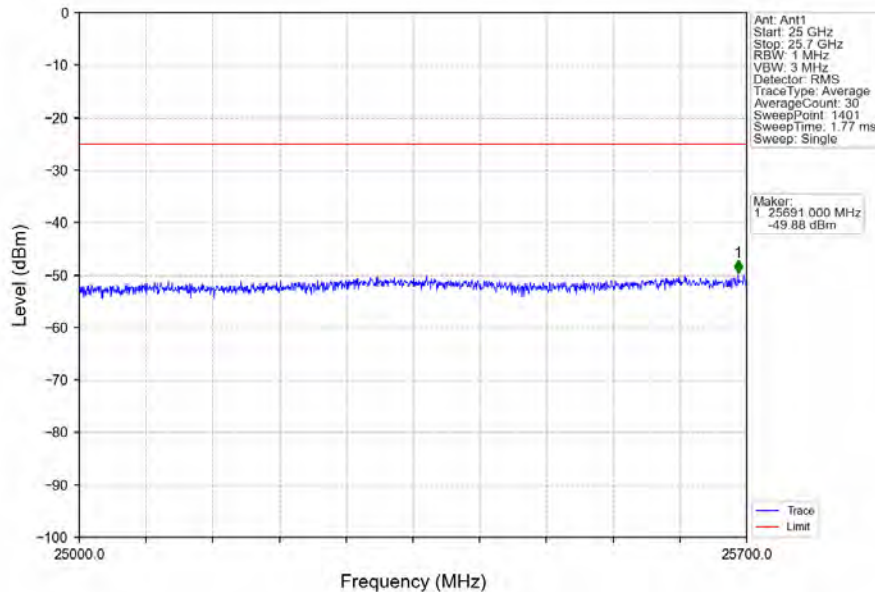
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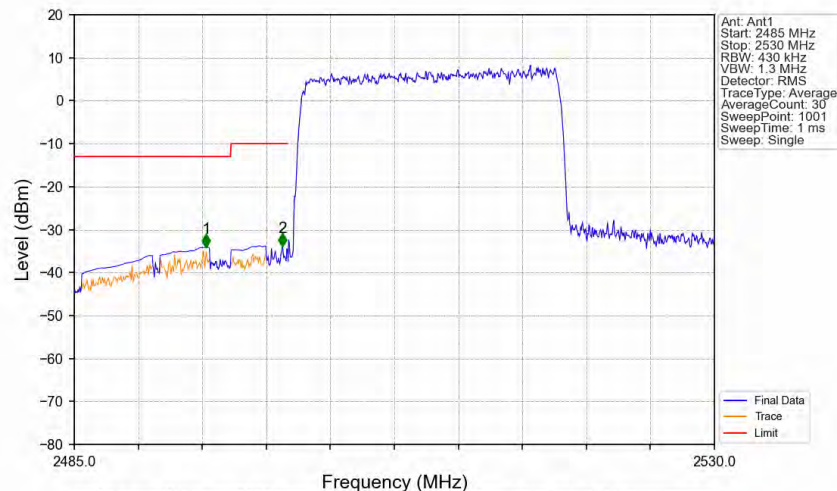
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Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	0.43	CHP	1	2494.270	-34.13	-13	Pass
2499	2500	0.43	/	2	2499.625	-34.02	-10	Pass
2500	2530	0.43	/	/	/	/	/	/



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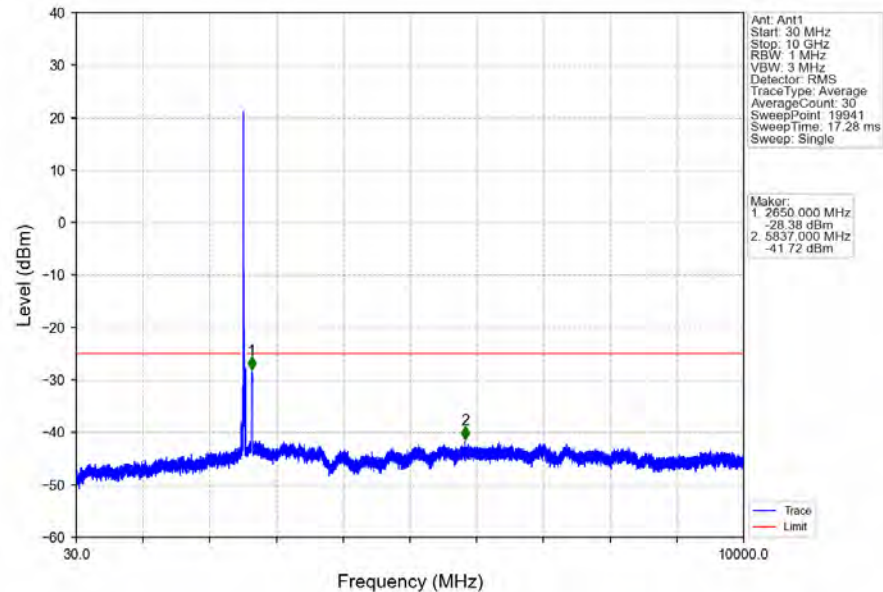
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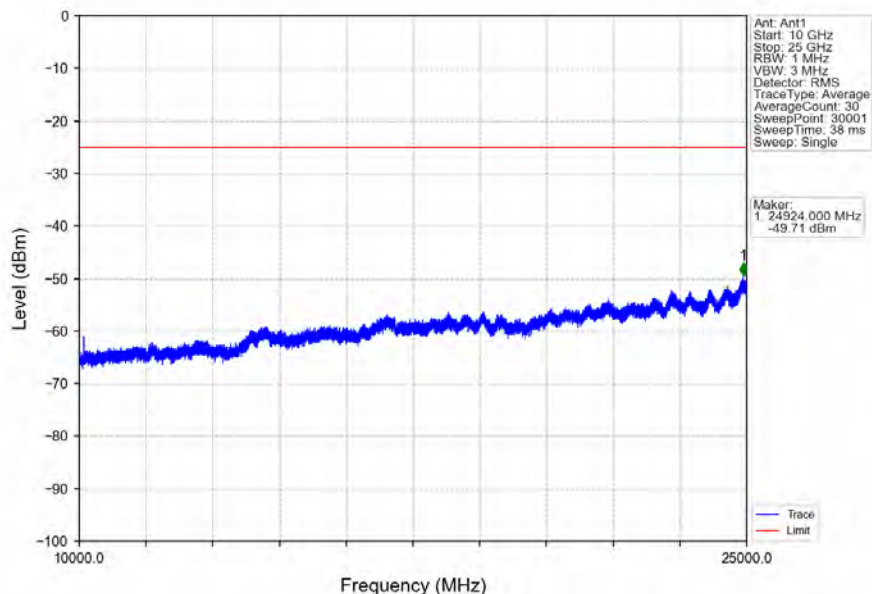
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Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



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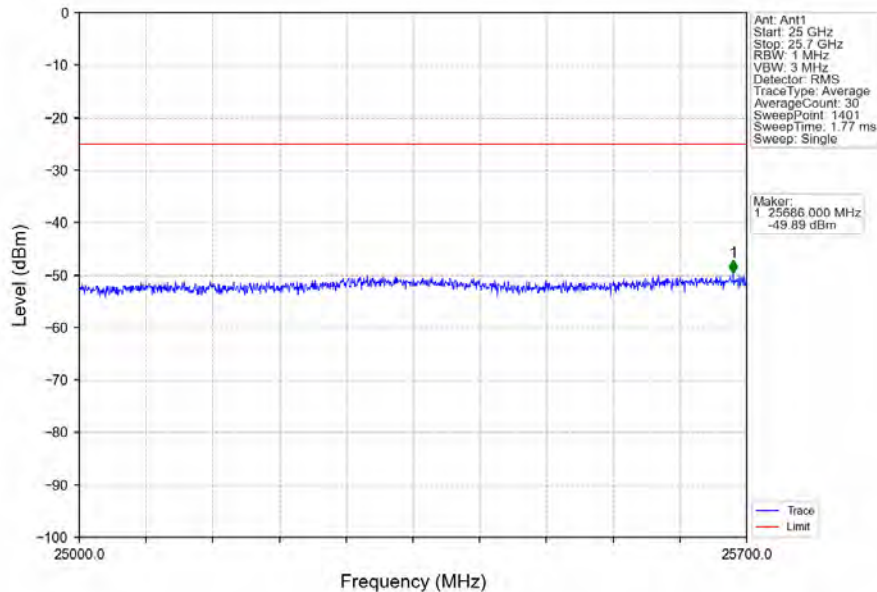
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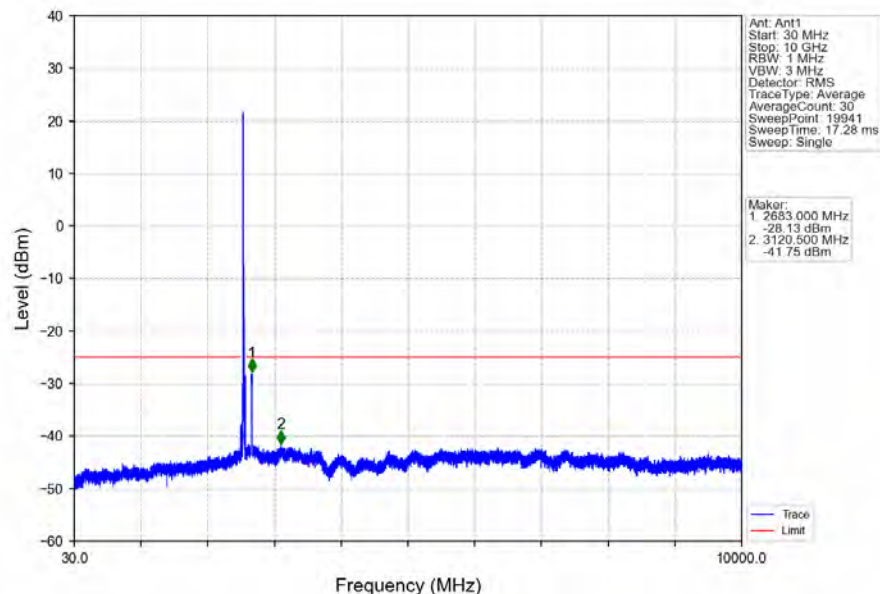
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Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



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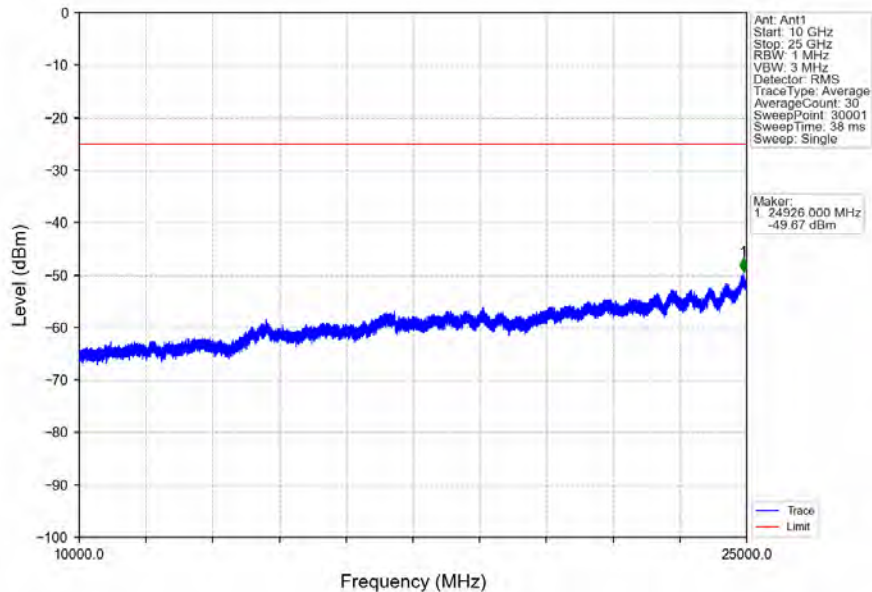
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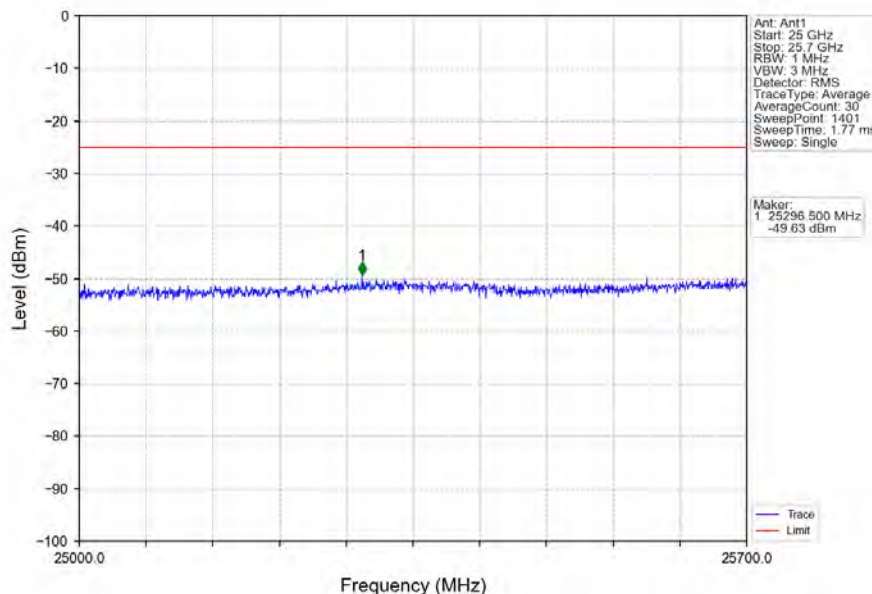
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Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



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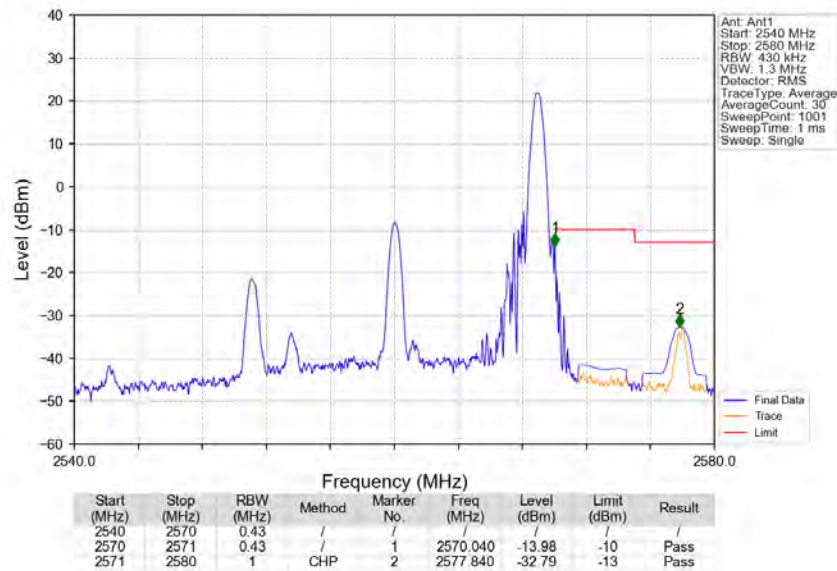
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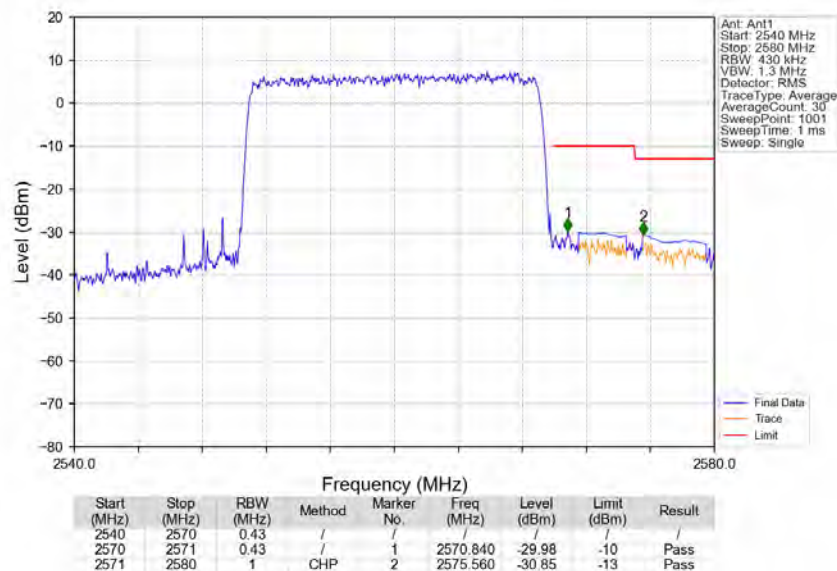
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Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



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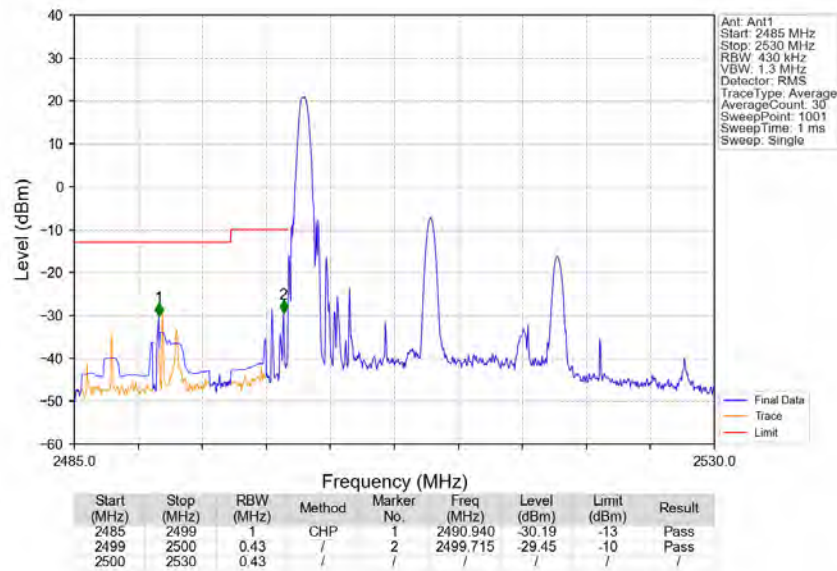
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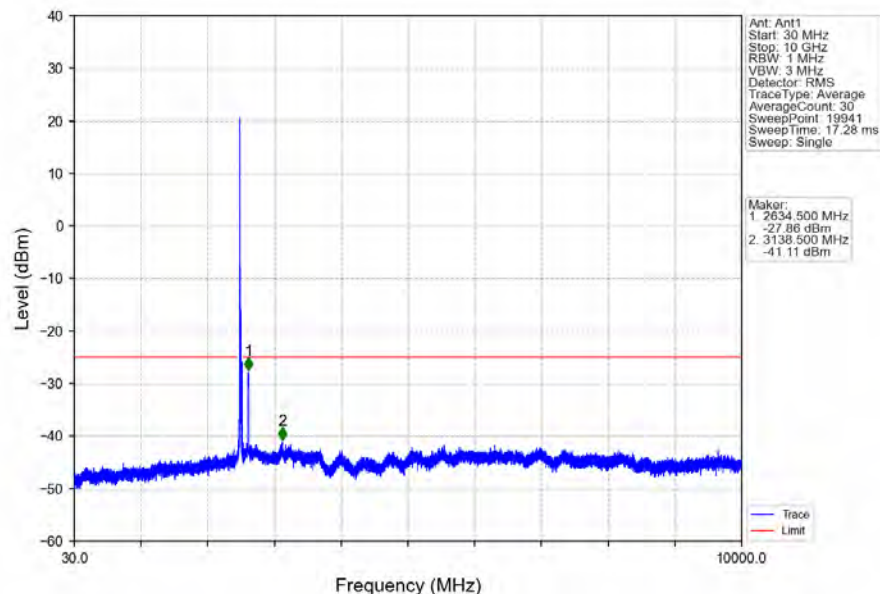
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Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV



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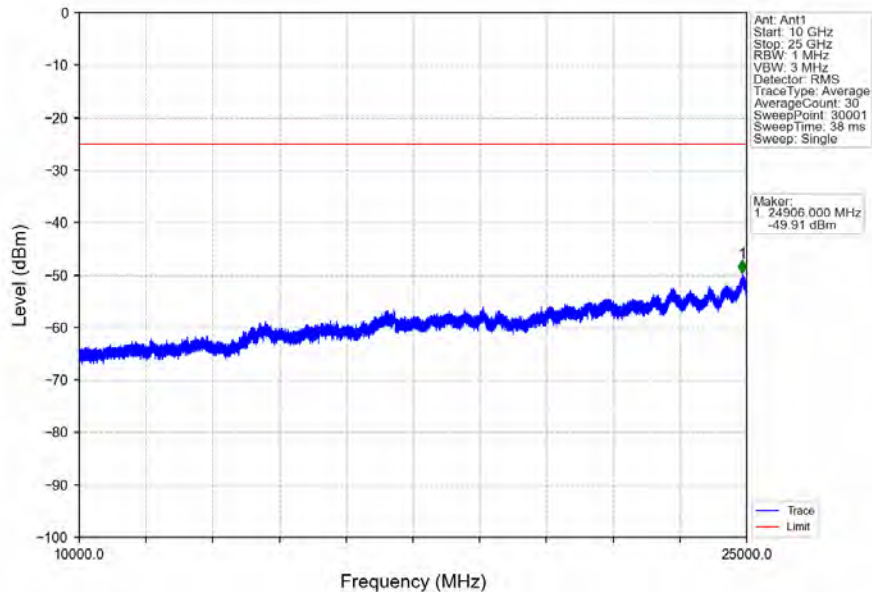
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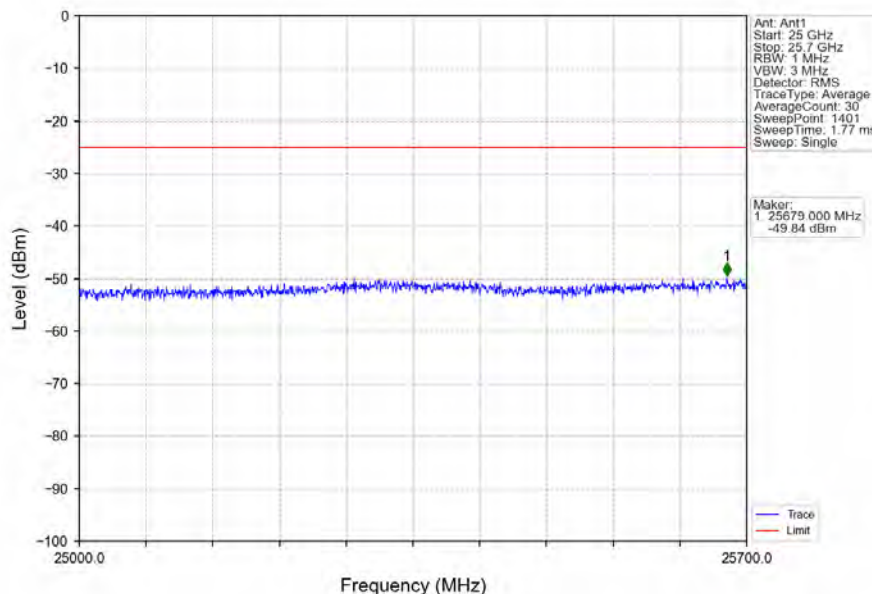
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Band7_20MHz_64QAM_LCH_2510MHz_RB_1_0_NTNV



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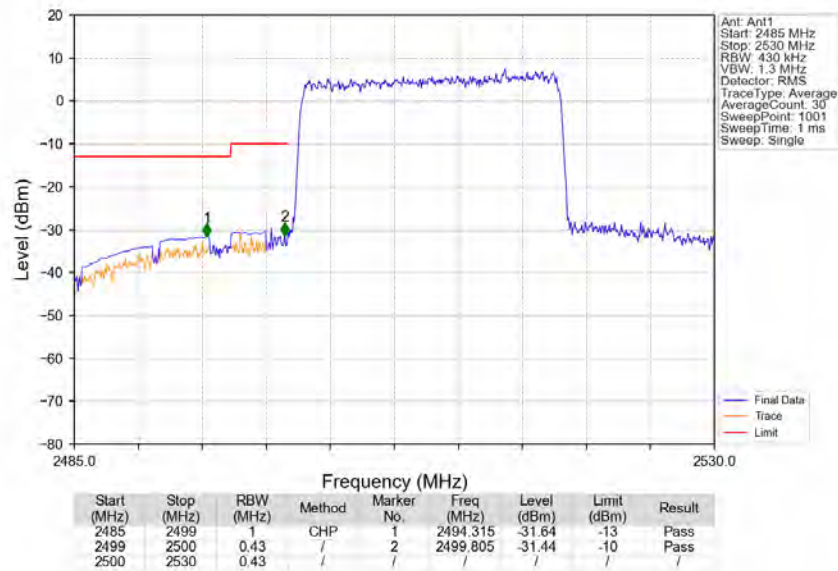
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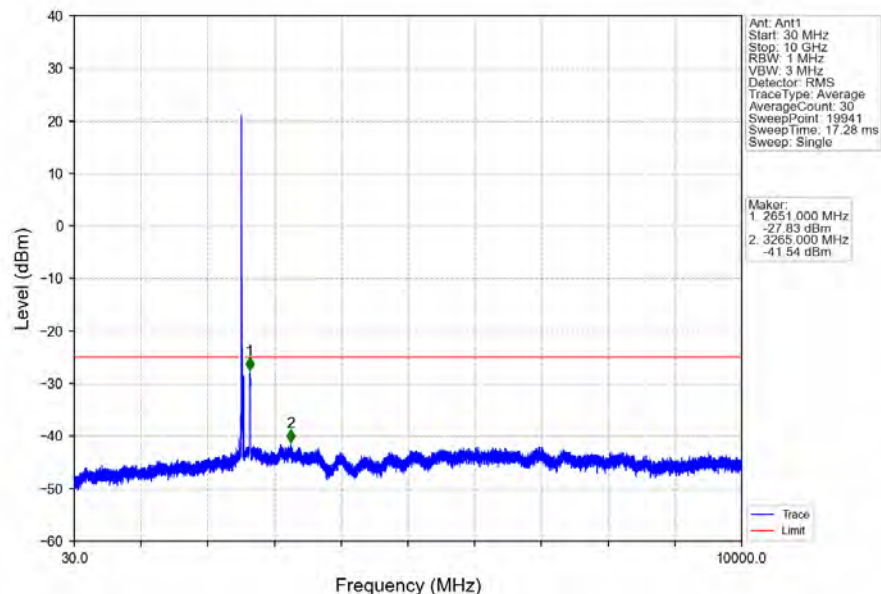
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Band7_20MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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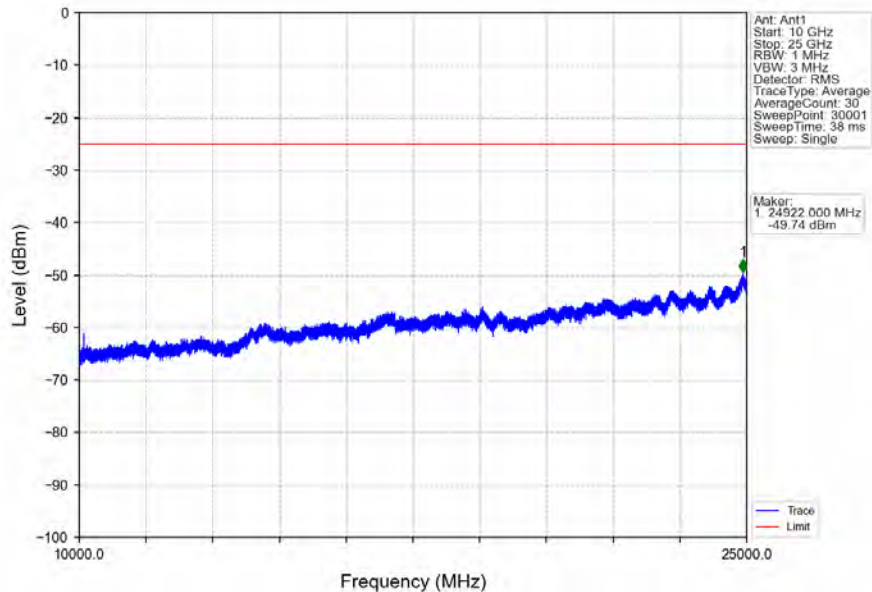
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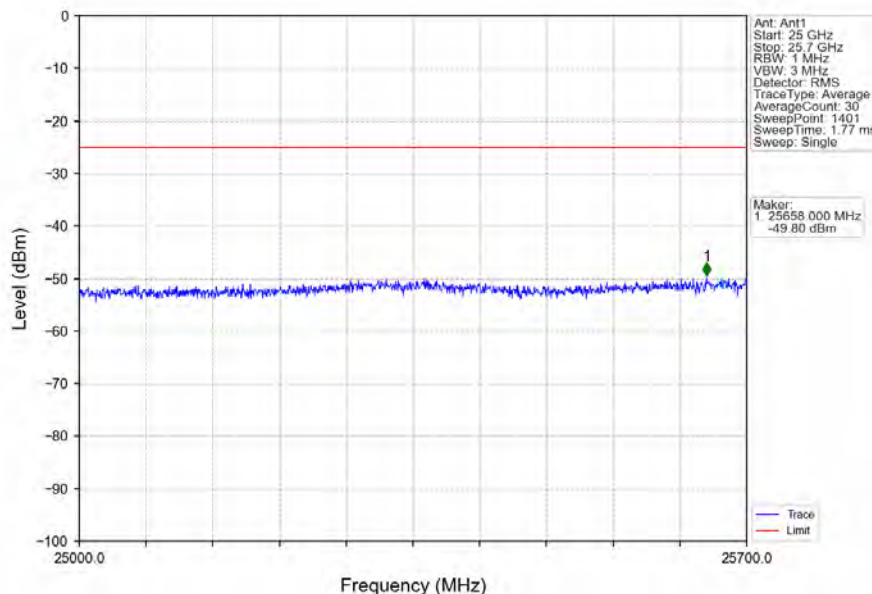
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Band7_20MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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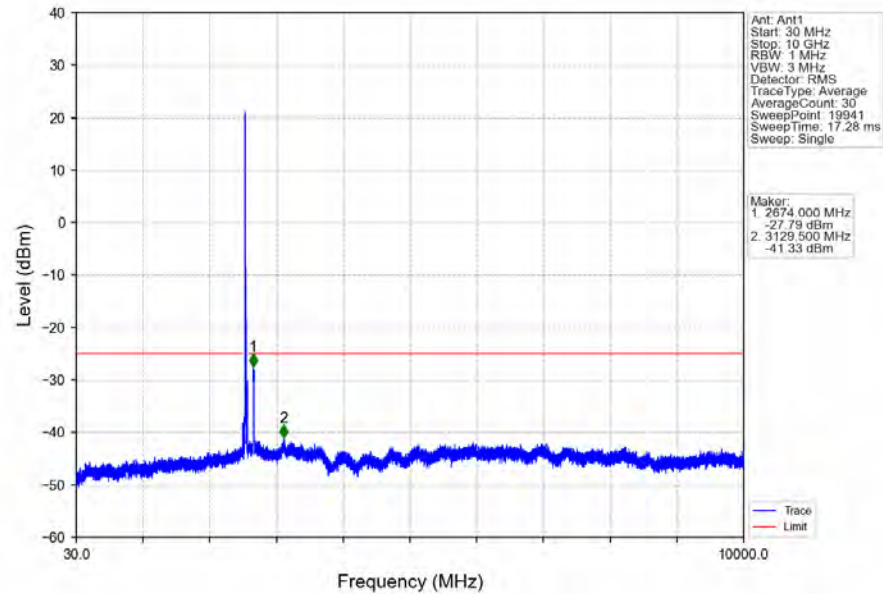
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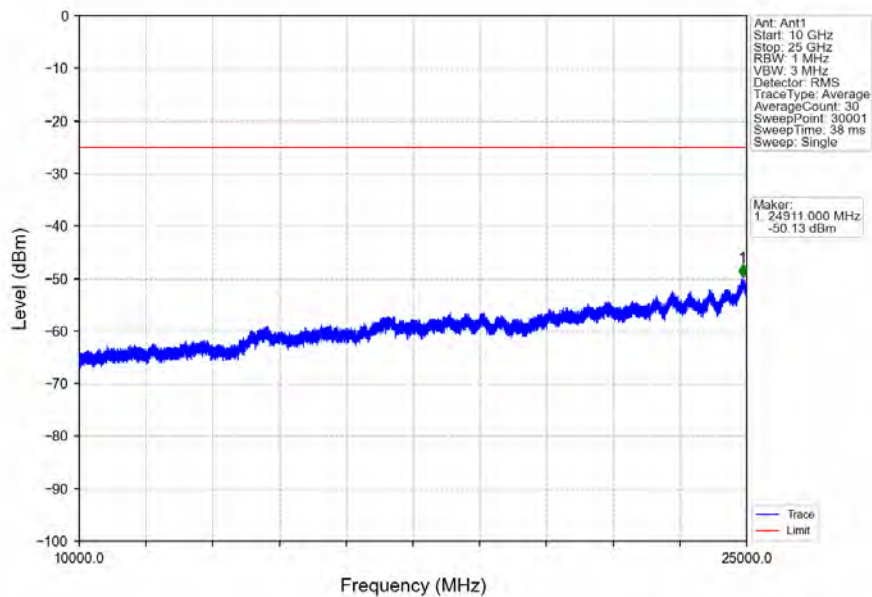
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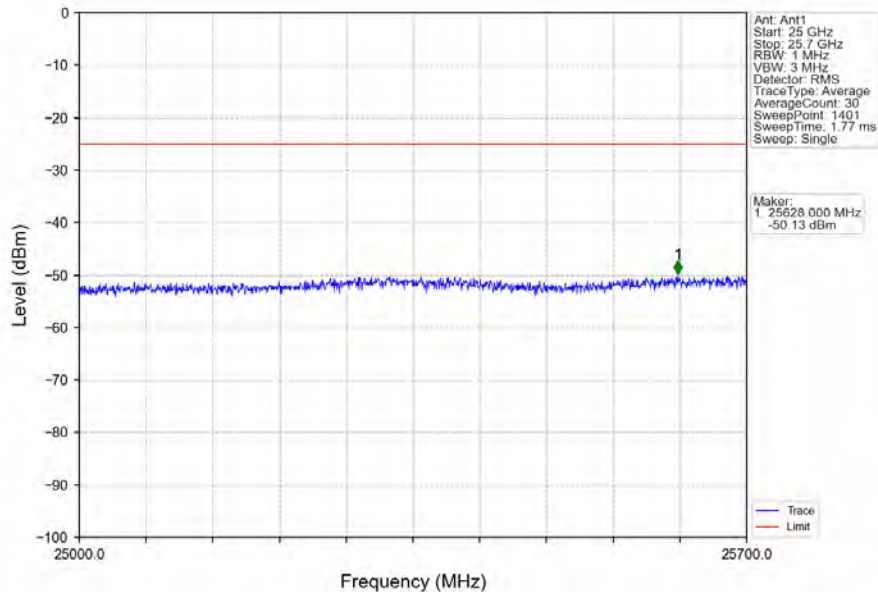
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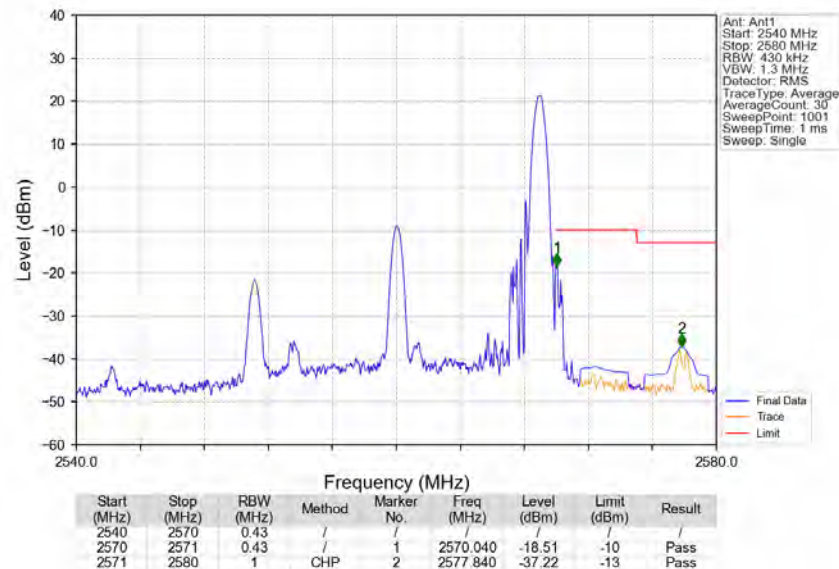
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Band7_20MHz_64QAM_HCH_2560MHz_RB_1_99_NTNV



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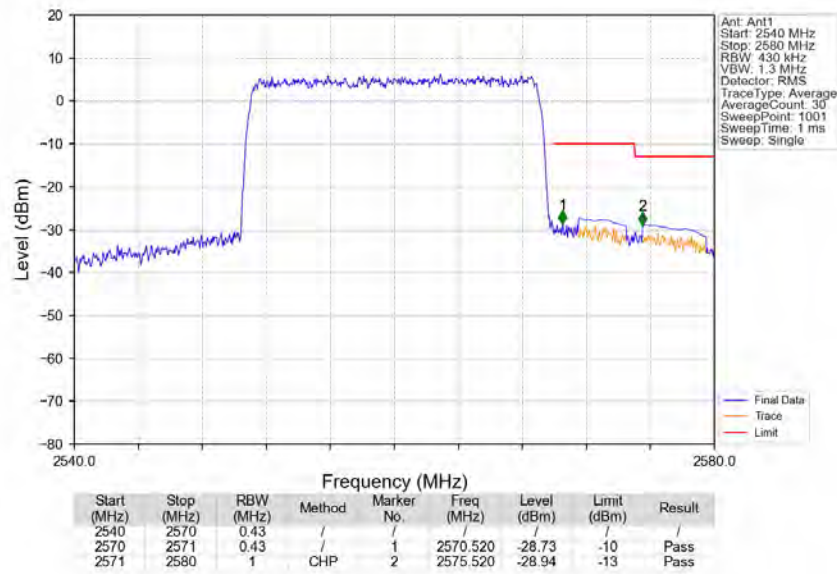
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