

Appendix D for KSCR2207001105AT-FCC-LTE-Band7

1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.05	0.07	23.12	<=33.01	Pass
			13	23.24	0.07	23.31	<=33.01	Pass
			24	23.11	0.07	23.18	<=33.01	Pass
		12	0	22.18	0.07	22.25	<=33.01	Pass
			6	22.28	0.07	22.35	<=33.01	Pass
			13	22.24	0.07	22.31	<=33.01	Pass
		25	0	22.26	0.07	22.33	<=33.01	Pass
			13	23.04	0.07	23.11	<=33.01	Pass
			24	23.12	0.07	23.19	<=33.01	Pass
	2535	1	0	22.21	0.07	22.28	<=33.01	Pass
			6	22.20	0.07	22.27	<=33.01	Pass
			13	22.13	0.07	22.20	<=33.01	Pass
		12	0	22.19	0.07	22.26	<=33.01	Pass
			6	22.44	0.07	22.51	<=33.01	Pass
			13	22.53	0.07	22.60	<=33.01	Pass
		25	0	22.40	0.07	22.47	<=33.01	Pass
			6	21.59	0.07	21.66	<=33.01	Pass
			13	21.58	0.07	21.65	<=33.01	Pass
	2567.5	1	6	21.45	0.07	21.52	<=33.01	Pass
			13	21.54	0.07	21.61	<=33.01	Pass
			24	22.01	0.07	22.08	<=33.01	Pass
		12	0	22.10	0.07	22.17	<=33.01	Pass
			6	22.06	0.07	22.13	<=33.01	Pass
			13	21.22	0.07	21.29	<=33.01	Pass
25		0	21.29	0.07	21.36	<=33.01	Pass	
		6	21.25	0.07	21.32	<=33.01	Pass	
		13	21.29	0.07	21.36	<=33.01	Pass	
16QAM	2502.5	1	0	22.32	0.07	22.39	<=33.01	Pass
			6	22.46	0.07	22.53	<=33.01	Pass
			13	22.32	0.07	22.39	<=33.01	Pass
		12	0	21.22	0.07	21.29	<=33.01	Pass
			6	21.23	0.07	21.30	<=33.01	Pass
			13	21.16	0.07	21.23	<=33.01	Pass
		25	0	21.16	0.07	21.23	<=33.01	Pass
			6	21.62	0.07	21.69	<=33.01	Pass
			13	21.68	0.07	21.75	<=33.01	Pass
	2567.5	1	24	21.55	0.07	21.62	<=33.01	Pass
			6	20.60	0.07	20.67	<=33.01	Pass
			13	20.57	0.07	20.64	<=33.01	Pass
		12	0	20.45	0.07	20.52	<=33.01	Pass
			6					
			13					

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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
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 t:(86-512)57355888 f:(86-512)57370818 www.sgsgroup.com.cn
 t:(86-512)57355888 f:(86-512)57370818 sgs.china@sgs.com

64QAM	2502.5	25	0	20.56	0.07	20.63	<=33.01	Pass	
			1	0	21.09	0.07	21.16	<=33.01	Pass
				13	21.17	0.07	21.24	<=33.01	Pass
		12	24	21.15	0.07	21.22	<=33.01	Pass	
			0	20.19	0.07	20.26	<=33.01	Pass	
				6	20.20	0.07	20.27	<=33.01	Pass
	25	13	20.14	0.07	20.21	<=33.01	Pass		
		0	20.25	0.07	20.32	<=33.01	Pass		
		1	0	21.25	0.07	21.32	<=33.01	Pass	
	13		21.35	0.07	21.42	<=33.01	Pass		
	24		21.17	0.07	21.24	<=33.01	Pass		
	2535	12	0	20.20	0.07	20.27	<=33.01	Pass	
			6	20.19	0.07	20.26	<=33.01	Pass	
			13	20.12	0.07	20.19	<=33.01	Pass	
		25	0	20.22	0.07	20.29	<=33.01	Pass	
			1	0	20.69	0.07	20.76	<=33.01	Pass
				13	20.74	0.07	20.81	<=33.01	Pass
	24	20.62		0.07	20.69	<=33.01	Pass		
	2567.5	12	0	19.71	0.07	19.78	<=33.01	Pass	
			6	19.68	0.07	19.75	<=33.01	Pass	
			13	19.56	0.07	19.63	<=33.01	Pass	
		25	0	19.55	0.07	19.62	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B7_10MHz_EIRP

1.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2505	1	0	23.09	0.07	23.16	<=33.01	Pass	
			25	23.30	0.07	23.37	<=33.01	Pass	
			49	23.22	0.07	23.29	<=33.01	Pass	
		25	0	22.29	0.07	22.36	<=33.01	Pass	
			13	22.33	0.07	22.40	<=33.01	Pass	
			25	22.36	0.07	22.43	<=33.01	Pass	
	2535	50	0	22.36	0.07	22.43	<=33.01	Pass	
			1	0	23.11	0.07	23.18	<=33.01	Pass
				25	23.21	0.07	23.28	<=33.01	Pass
		49		23.03	0.07	23.10	<=33.01	Pass	
		25	0	22.24	0.07	22.31	<=33.01	Pass	
			13	22.21	0.07	22.28	<=33.01	Pass	
	25		22.14	0.07	22.21	<=33.01	Pass		
	2565	50	0	22.19	0.07	22.26	<=33.01	Pass	
			1	0	22.62	0.07	22.69	<=33.01	Pass
				25	22.66	0.07	22.73	<=33.01	Pass
		49		22.43	0.07	22.50	<=33.01	Pass	
		25	0	21.67	0.07	21.74	<=33.01	Pass	
			13	21.58	0.07	21.65	<=33.01	Pass	
	25		21.46	0.07	21.53	<=33.01	Pass		
	50	0	21.62	0.07	21.69	<=33.01	Pass		

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Modulation	Frequency (MHz)	RB Allocation	Conducted Power		Gain (dbi)	EIRP (dBm)		Verdict	
			Size	Offset		Result	Limit		
16QAM	2505	1	0	22.77	0.07	22.84	<=33.01	Pass	
			25	22.96	0.07	23.03	<=33.01	Pass	
			49	22.88	0.07	22.95	<=33.01	Pass	
		25	0	21.37	0.07	21.44	<=33.01	Pass	
			13	21.42	0.07	21.49	<=33.01	Pass	
			25	21.45	0.07	21.52	<=33.01	Pass	
	50	0	21.38	0.07	21.45	<=33.01	Pass		
	2535	1	0	22.38	0.07	22.45	<=33.01	Pass	
			25	22.46	0.07	22.53	<=33.01	Pass	
			49	22.24	0.07	22.31	<=33.01	Pass	
		25	0	21.26	0.07	21.33	<=33.01	Pass	
			13	21.24	0.07	21.31	<=33.01	Pass	
			25	20.07	0.07	20.14	<=33.01	Pass	
		50	0	21.21	0.07	21.28	<=33.01	Pass	
		2565	1	0	21.64	0.07	21.71	<=33.01	Pass
				25	21.71	0.07	21.78	<=33.01	Pass
	49			21.48	0.07	21.55	<=33.01	Pass	
	25		0	20.81	0.07	20.88	<=33.01	Pass	
13			20.69	0.07	20.76	<=33.01	Pass		
25			20.56	0.07	20.63	<=33.01	Pass		
50	0	20.65	0.07	20.72	<=33.01	Pass			
64QAM	2505	1	0	21.41	0.07	21.48	<=33.01	Pass	
			25	21.64	0.07	21.71	<=33.01	Pass	
			49	21.53	0.07	21.60	<=33.01	Pass	
		25	0	20.27	0.07	20.34	<=33.01	Pass	
			13	20.36	0.07	20.43	<=33.01	Pass	
			25	20.35	0.07	20.42	<=33.01	Pass	
		50	0	20.34	0.07	20.41	<=33.01	Pass	
		2535	1	0	21.25	0.07	21.32	<=33.01	Pass
				25	21.30	0.07	21.37	<=33.01	Pass
	49			21.12	0.07	21.19	<=33.01	Pass	
	25		0	20.28	0.07	20.35	<=33.01	Pass	
			13	20.25	0.07	20.32	<=33.01	Pass	
			25	20.16	0.07	20.23	<=33.01	Pass	
	50	0	20.21	0.07	20.28	<=33.01	Pass		
	2565	1	0	20.53	0.07	20.60	<=33.01	Pass	
			25	20.56	0.07	20.63	<=33.01	Pass	
			49	20.35	0.07	20.42	<=33.01	Pass	
		25	0	19.72	0.07	19.79	<=33.01	Pass	
			13	19.66	0.07	19.73	<=33.01	Pass	
			25	19.52	0.07	19.59	<=33.01	Pass	
		50	0	19.59	0.07	19.66	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B7_15MHz_EIRP

1.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.00	0.07	23.07	<=33.01	Pass



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16QAM	2535	36	38	23.24	0.07	23.31	<=33.01	Pass		
			74	23.19	0.07	23.26	<=33.01	Pass		
			0	22.27	0.07	22.34	<=33.01	Pass		
		75	1	18	22.35	0.07	22.42	<=33.01	Pass	
				39	22.41	0.07	22.48	<=33.01	Pass	
				0	22.36	0.07	22.43	<=33.01	Pass	
		2562.5	36	1	0	23.07	0.07	23.14	<=33.01	Pass
					38	23.12	0.07	23.19	<=33.01	Pass
					74	22.92	0.07	22.99	<=33.01	Pass
	75		36	0	22.26	0.07	22.33	<=33.01	Pass	
				18	22.21	0.07	22.28	<=33.01	Pass	
				39	22.15	0.07	22.22	<=33.01	Pass	
	2507.5		75	1	0	22.14	0.07	22.21	<=33.01	Pass
					0	22.69	0.07	22.76	<=33.01	Pass
					38	22.57	0.07	22.64	<=33.01	Pass
		1	36	74	22.36	0.07	22.43	<=33.01	Pass	
				0	21.74	0.07	21.81	<=33.01	Pass	
				18	21.64	0.07	21.71	<=33.01	Pass	
		2535	75	1	39	21.50	0.07	21.57	<=33.01	Pass
					0	21.61	0.07	21.68	<=33.01	Pass
					0	22.68	0.07	22.75	<=33.01	Pass
	1		36	38	22.91	0.07	22.98	<=33.01	Pass	
				74	22.83	0.07	22.90	<=33.01	Pass	
				0	21.29	0.07	21.36	<=33.01	Pass	
	2562.5		75	1	18	21.39	0.07	21.46	<=33.01	Pass
					39	21.41	0.07	21.48	<=33.01	Pass
					0	21.35	0.07	21.42	<=33.01	Pass
1		36	0	22.29	0.07	22.36	<=33.01	Pass		
			38	22.32	0.07	22.39	<=33.01	Pass		
			74	22.17	0.07	22.24	<=33.01	Pass		
75		1	0	21.21	0.07	21.28	<=33.01	Pass		
			18	21.19	0.07	21.26	<=33.01	Pass		
			39	21.11	0.07	21.18	<=33.01	Pass		
2507.5	75	1	0	21.19	0.07	21.26	<=33.01	Pass		
			0	22.10	0.07	22.17	<=33.01	Pass		
			38	22.01	0.07	22.08	<=33.01	Pass		
	1	36	74	21.78	0.07	21.85	<=33.01	Pass		
			0	20.73	0.07	20.80	<=33.01	Pass		
			18	20.63	0.07	20.70	<=33.01	Pass		
	2535	75	1	39	20.49	0.07	20.56	<=33.01	Pass	
				0	20.57	0.07	20.64	<=33.01	Pass	
				0	21.33	0.07	21.40	<=33.01	Pass	
1		36	38	21.56	0.07	21.63	<=33.01	Pass		
			74	21.42	0.07	21.49	<=33.01	Pass		
			0	20.27	0.07	20.34	<=33.01	Pass		
64QAM		75	1	18	20.36	0.07	20.43	<=33.01	Pass	
				39	20.38	0.07	20.45	<=33.01	Pass	
				0	20.30	0.07	20.37	<=33.01	Pass	
	1	36	0	21.19	0.07	21.26	<=33.01	Pass		
			38	21.22	0.07	21.29	<=33.01	Pass		
			74	21.04	0.07	21.11	<=33.01	Pass		
	75	1	0	20.24	0.07	20.31	<=33.01	Pass		
			18	20.20	0.07	20.27	<=33.01	Pass		
			39	20.11	0.07	20.18	<=33.01	Pass		



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	2562.5	75	0	20.09	0.07	20.16	<=33.01	Pass
		1	0	21.06	0.07	21.13	<=33.01	Pass
			38	20.89	0.07	20.96	<=33.01	Pass
			74	20.70	0.07	20.77	<=33.01	Pass
			0	19.63	0.07	19.70	<=33.01	Pass
		36	18	19.58	0.07	19.65	<=33.01	Pass
			39	19.36	0.07	19.43	<=33.01	Pass
			75	0	19.53	0.07	19.60	<=33.01

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B7_20MHz_EIRP

1.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2510	1	0	22.89	0.07	22.96	<=33.01	Pass		
			50	23.45	0.07	23.52	<=33.01	Pass		
			99	22.95	0.07	23.02	<=33.01	Pass		
		50	0	22.34	0.07	22.41	<=33.01	Pass		
			25	22.35	0.07	22.42	<=33.01	Pass		
			50	22.44	0.07	22.51	<=33.01	Pass		
		100	0	22.37	0.07	22.44	<=33.01	Pass		
		2535	1	0	22.89	0.07	22.96	<=33.01	Pass	
				50	23.28	0.07	23.35	<=33.01	Pass	
				99	22.75	0.07	22.82	<=33.01	Pass	
			50	0	22.23	0.07	22.30	<=33.01	Pass	
				25	22.14	0.07	22.21	<=33.01	Pass	
	50			22.05	0.07	22.12	<=33.01	Pass		
	100	0	22.17	0.07	22.24	<=33.01	Pass			
	2560	1	0	22.69	0.07	22.76	<=33.01	Pass		
			50	22.77	0.07	22.84	<=33.01	Pass		
			99	22.12	0.07	22.19	<=33.01	Pass		
		50	0	21.75	0.07	21.82	<=33.01	Pass		
			25	21.72	0.07	21.79	<=33.01	Pass		
			50	21.48	0.07	21.55	<=33.01	Pass		
		100	0	21.66	0.07	21.73	<=33.01	Pass		
		16QAM	2510	1	0	22.28	0.07	22.35	<=33.01	Pass
					50	22.83	0.07	22.90	<=33.01	Pass
					99	22.28	0.07	22.35	<=33.01	Pass
50				0	21.36	0.07	21.43	<=33.01	Pass	
				25	21.39	0.07	21.46	<=33.01	Pass	
	50			21.49	0.07	21.56	<=33.01	Pass		
100	0			21.39	0.07	21.46	<=33.01	Pass		
2535	1			0	22.19	0.07	22.26	<=33.01	Pass	
				50	22.48	0.07	22.55	<=33.01	Pass	
			99	22.02	0.07	22.09	<=33.01	Pass		
	50		0	21.26	0.07	21.33	<=33.01	Pass		
			25	21.23	0.07	21.30	<=33.01	Pass		
			50	21.06	0.07	21.13	<=33.01	Pass		
	100		0	21.18	0.07	21.25	<=33.01	Pass		

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64QAM	2560	1	0	22.36	0.07	22.43	<=33.01	Pass	
			50	22.34	0.07	22.41	<=33.01	Pass	
			99	21.81	0.07	21.88	<=33.01	Pass	
		50	0	20.78	0.07	20.85	<=33.01	Pass	
			25	20.73	0.07	20.80	<=33.01	Pass	
			50	20.49	0.07	20.56	<=33.01	Pass	
	100	0	20.66	0.07	20.73	<=33.01	Pass		
	2510	1	0	21.18	0.07	21.25	<=33.01	Pass	
			50	21.70	0.07	21.77	<=33.01	Pass	
			99	21.17	0.07	21.24	<=33.01	Pass	
			50	0	20.40	0.07	20.47	<=33.01	Pass
				25	20.37	0.07	20.44	<=33.01	Pass
50				20.48	0.07	20.55	<=33.01	Pass	
100		0	20.38	0.07	20.45	<=33.01	Pass		
2535		1	0	21.25	0.07	21.32	<=33.01	Pass	
			50	21.69	0.07	21.76	<=33.01	Pass	
			99	21.07	0.07	21.14	<=33.01	Pass	
		50	0	20.28	0.07	20.35	<=33.01	Pass	
			25	20.20	0.07	20.27	<=33.01	Pass	
			50	20.08	0.07	20.15	<=33.01	Pass	
100		0	20.17	0.07	20.24	<=33.01	Pass		
2560		1	0	20.62	0.07	20.69	<=33.01	Pass	
			50	20.76	0.07	20.83	<=33.01	Pass	
			99	20.05	0.07	20.12	<=33.01	Pass	
			50	0	19.82	0.07	19.89	<=33.01	Pass
	25			19.68	0.07	19.75	<=33.01	Pass	
	50			19.42	0.07	19.49	<=33.01	Pass	
	100	0	19.63	0.07	19.70	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B7_5MHz

2.1.1 Test Result

Band: 7 / Bandwidth: 5MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	2502.5	25	0	20	3.23	2.003	0.0008	-2.5 to 2.5	Pass			
					3.80	1.359	0.0005	-2.5 to 2.5	Pass			
					4.37	1.731	0.0007	-2.5 to 2.5	Pass			
				-30	3.80	0.372	0.0001	-2.5 to 2.5	Pass			
					-20	3.80	0.701	0.0003	-2.5 to 2.5	Pass		
				-10	3.80	-0.243	-0.0001	-2.5 to 2.5	Pass			
					0	3.80	0.987	0.0004	-2.5 to 2.5	Pass		
				10	3.80	-0.744	-0.0003	-2.5 to 2.5	Pass			
				30	3.80	2.131	0.0009	-2.5 to 2.5	Pass			
				40	3.80	2.217	0.0009	-2.5 to 2.5	Pass			
				50	3.80	1.731	0.0007	-2.5 to 2.5	Pass			
				2535	25	0	20	3.23	-2.546	-0.0010	-2.5 to 2.5	Pass

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					3.80	-1.144	-0.0005	-2.5 to 2.5	Pass						
					4.37	0.615	0.0002	-2.5 to 2.5	Pass						
					-30	3.80	-1.574	-0.0006	-2.5 to 2.5	Pass					
					-20	3.80	-3.490	-0.0014	-2.5 to 2.5	Pass					
					-10	3.80	-4.835	-0.0019	-2.5 to 2.5	Pass					
					0	3.80	-3.719	-0.0015	-2.5 to 2.5	Pass					
					10	3.80	-2.890	-0.0011	-2.5 to 2.5	Pass					
					30	3.80	-1.874	-0.0007	-2.5 to 2.5	Pass					
					40	3.80	-1.988	-0.0008	-2.5 to 2.5	Pass					
					50	3.80	-4.134	-0.0016	-2.5 to 2.5	Pass					
					2567.5	25	0			20	3.23	-0.300	-0.0001	-2.5 to 2.5	Pass
										3.80	-0.343	-0.0001	-2.5 to 2.5	Pass	
										4.37	0.772	0.0003	-2.5 to 2.5	Pass	
										-30	3.80	-1.245	-0.0005	-2.5 to 2.5	Pass
										-20	3.80	-0.744	-0.0003	-2.5 to 2.5	Pass
										-10	3.80	0.014	0.0000	-2.5 to 2.5	Pass
										0	3.80	2.189	0.0009	-2.5 to 2.5	Pass
										10	3.80	-0.873	-0.0003	-2.5 to 2.5	Pass
30	3.80	-0.544	-0.0002	-2.5 to 2.5						Pass					
40	3.80	0.072	0.0000	-2.5 to 2.5						Pass					
50	3.80	1.531	0.0006	-2.5 to 2.5						Pass					
16QAM	2502.5	25	0							20	3.23	3.219	0.0013	-2.5 to 2.5	Pass
					3.80	2.303	0.0009	-2.5 to 2.5	Pass						
					4.37	-0.701	-0.0003	-2.5 to 2.5	Pass						
					-30	3.80	-0.057	0.0000	-2.5 to 2.5	Pass					
					-20	3.80	0.200	0.0001	-2.5 to 2.5	Pass					
					-10	3.80	0.057	0.0000	-2.5 to 2.5	Pass					
					0	3.80	-0.329	-0.0001	-2.5 to 2.5	Pass					
					10	3.80	0.243	0.0001	-2.5 to 2.5	Pass					
					30	3.80	2.089	0.0008	-2.5 to 2.5	Pass					
					40	3.80	0.286	0.0001	-2.5 to 2.5	Pass					
					50	3.80	1.345	0.0005	-2.5 to 2.5	Pass					
					2535	25	0			20	3.23	-2.089	-0.0008	-2.5 to 2.5	Pass
	3.80	-2.203	-0.0009	-2.5 to 2.5						Pass					
	4.37	-1.788	-0.0007	-2.5 to 2.5						Pass					
	-30	3.80	-2.317	-0.0009						-2.5 to 2.5	Pass				
	-20	3.80	-3.190	-0.0013						-2.5 to 2.5	Pass				
	-10	3.80	-3.462	-0.0014						-2.5 to 2.5	Pass				
	2567.5	25	0			0	3.80	-4.220	-0.0017	-2.5 to 2.5	Pass				
10						3.80	-3.319	-0.0013	-2.5 to 2.5	Pass					
30						3.80	-1.616	-0.0006	-2.5 to 2.5	Pass					
40						3.80	-3.662	-0.0014	-2.5 to 2.5	Pass					
50						3.80	-4.134	-0.0016	-2.5 to 2.5	Pass					
20						3.23	2.117	0.0008	-2.5 to 2.5	Pass					
3.80						0.587	0.0002	-2.5 to 2.5	Pass						
4.37						-0.215	-0.0001	-2.5 to 2.5	Pass						
-30						3.80	-0.029	0.0000	-2.5 to 2.5	Pass					
-20						3.80	2.317	0.0009	-2.5 to 2.5	Pass					
-10	3.80	-1.817	-0.0007	-2.5 to 2.5	Pass										
0	3.80	-0.172	-0.0001	-2.5 to 2.5	Pass										
10	3.80	-0.887	-0.0003	-2.5 to 2.5	Pass										
30	3.80	-0.930	-0.0004	-2.5 to 2.5	Pass										
40	3.80	-2.089	-0.0008	-2.5 to 2.5	Pass										
50	3.80	1.445	0.0006	-2.5 to 2.5	Pass										

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64QAM	2502.5	25	0	20	3.23	-5.007	-0.0020	-2.5 to 2.5	Pass	
					3.80	-10.557	-0.0042	-2.5 to 2.5	Pass	
					4.37	-3.448	-0.0014	-2.5 to 2.5	Pass	
				-30	3.80	-7.482	-0.0030	-2.5 to 2.5	Pass	
					-20	3.80	-5.236	-0.0021	-2.5 to 2.5	Pass
						-10	3.80	-8.597	-0.0034	-2.5 to 2.5
				0	3.80	-1.688	-0.0007	-2.5 to 2.5	Pass	
					10	3.80	-2.303	-0.0009	-2.5 to 2.5	Pass
				30	3.80	-5.493	-0.0022	-2.5 to 2.5	Pass	
	40	3.80	-6.237	-0.0025	-2.5 to 2.5	Pass				
	50	3.80	-3.405	-0.0014	-2.5 to 2.5	Pass				
	2535	25	0	20	3.23	-3.047	-0.0012	-2.5 to 2.5	Pass	
					3.80	-5.078	-0.0020	-2.5 to 2.5	Pass	
					4.37	-4.778	-0.0019	-2.5 to 2.5	Pass	
				-30	3.80	-4.892	-0.0019	-2.5 to 2.5	Pass	
					-20	3.80	-0.658	-0.0003	-2.5 to 2.5	Pass
						-10	3.80	-0.072	-0.0005	-2.5 to 2.5
				0	3.80	-3.319	-0.0013	-2.5 to 2.5	Pass	
					10	3.80	-5.093	-0.0020	-2.5 to 2.5	Pass
				30	3.80	-10.071	-0.0044	-2.5 to 2.5	Pass	
	40	3.80	-1.159	-0.0005	-2.5 to 2.5	Pass				
	50	3.80	-3.705	-0.0015	-2.5 to 2.5	Pass				
	2567.5	25	0	20	3.23	-4.206	-0.0016	-2.5 to 2.5	Pass	
					3.80	-3.705	-0.0014	-2.5 to 2.5	Pass	
					4.37	-7.539	-0.0029	-2.5 to 2.5	Pass	
				-30	3.80	-6.795	-0.0026	-2.5 to 2.5	Pass	
					-20	3.80	-11.301	-0.0044	-2.5 to 2.5	Pass
-10						3.80	-8.111	-0.0032	-2.5 to 2.5	Pass
0				3.80	-7.882	-0.0031	-2.5 to 2.5	Pass		
				10	3.80	-5.379	-0.0021	-2.5 to 2.5	Pass	
30				3.80	-17.853	-0.0070	-2.5 to 2.5	Pass		
40	3.80	-9.770	-0.0038	-2.5 to 2.5	Pass					
50	3.80	-2.761	-0.0011	-2.5 to 2.5	Pass					

2.2 B7_10MHz

2.2.1 Test Result

Band: 7 / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	2505	50	0	20	3.23	-4.449	-0.0018	-2.5 to 2.5	Pass	
					3.80	-6.466	-0.0026	-2.5 to 2.5	Pass	
					4.37	-6.151	-0.0025	-2.5 to 2.5	Pass	
				-30	3.80	-4.821	-0.0019	-2.5 to 2.5	Pass	
					-20	3.80	-4.120	-0.0016	-2.5 to 2.5	Pass
						-10	3.80	-4.263	-0.0017	-2.5 to 2.5
				0	3.80	-4.621	-0.0018	-2.5 to 2.5	Pass	
					10	3.80	-1.645	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-1.874	-0.0007	-2.5 to 2.5	Pass	
				40	3.80	-1.373	-0.0005	-2.5 to 2.5	Pass	
50	3.80	-2.203	-0.0009	-2.5 to 2.5	Pass					



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	2535	50	0	20	3.23	-2.689	-0.0011	-2.5 to 2.5	Pass	
					3.80	-4.778	-0.0019	-2.5 to 2.5	Pass	
					4.37	-4.563	-0.0018	-2.5 to 2.5	Pass	
				-30	3.80	-4.892	-0.0019	-2.5 to 2.5	Pass	
					-20	3.80	-4.063	-0.0016	-2.5 to 2.5	Pass
					-10	3.80	-1.359	-0.0005	-2.5 to 2.5	Pass
				0	3.80	-1.745	-0.0007	-2.5 to 2.5	Pass	
					10	3.80	-0.501	-0.0002	-2.5 to 2.5	Pass
					30	3.80	-3.676	-0.0015	-2.5 to 2.5	Pass
	40	3.80	-3.805		-0.0015	-2.5 to 2.5	Pass			
	50	3.80	-4.220		-0.0017	-2.5 to 2.5	Pass			
	2565	50	0		20	3.23	-2.418	-0.0009	-2.5 to 2.5	Pass
				3.80		-3.562	-0.0014	-2.5 to 2.5	Pass	
				4.37		-2.489	-0.0010	-2.5 to 2.5	Pass	
				-30	3.80	-4.621	-0.0018	-2.5 to 2.5	Pass	
					-20	3.80	-2.718	-0.0011	-2.5 to 2.5	Pass
					-10	3.80	-2.189	-0.0009	-2.5 to 2.5	Pass
				0	3.80	-4.535	-0.0018	-2.5 to 2.5	Pass	
10					3.80	-4.435	-0.0017	-2.5 to 2.5	Pass	
30					3.80	-4.134	-0.0016	-2.5 to 2.5	Pass	
40	3.80	-2.489	-0.0010		-2.5 to 2.5	Pass				
50	3.80	-2.604	-0.0010		-2.5 to 2.5	Pass				
16QAM	2505	50	0		20	3.23	-2.661	-0.0011	-2.5 to 2.5	Pass
				3.80		-3.119	-0.0012	-2.5 to 2.5	Pass	
				4.37		-4.134	-0.0017	-2.5 to 2.5	Pass	
				-30	3.80	-1.230	-0.0005	-2.5 to 2.5	Pass	
					-20	3.80	-4.649	-0.0019	-2.5 to 2.5	Pass
					-10	3.80	-3.676	-0.0015	-2.5 to 2.5	Pass
				0	3.80	-2.861	-0.0011	-2.5 to 2.5	Pass	
					10	3.80	-2.360	-0.0009	-2.5 to 2.5	Pass
					30	3.80	-3.333	-0.0013	-2.5 to 2.5	Pass
	40	3.80	-2.332		-0.0009	-2.5 to 2.5	Pass			
	50	3.80	-2.089		-0.0008	-2.5 to 2.5	Pass			
	2535	50	0		20	3.23	-0.844	-0.0003	-2.5 to 2.5	Pass
				3.80		-1.731	-0.0007	-2.5 to 2.5	Pass	
				4.37		-4.435	-0.0017	-2.5 to 2.5	Pass	
				-30	3.80	-7.997	-0.0032	-2.5 to 2.5	Pass	
					-20	3.80	-4.663	-0.0018	-2.5 to 2.5	Pass
					-10	3.80	-4.435	-0.0017	-2.5 to 2.5	Pass
				0	3.80	-4.306	-0.0017	-2.5 to 2.5	Pass	
10					3.80	-5.350	-0.0021	-2.5 to 2.5	Pass	
30					3.80	-1.974	-0.0008	-2.5 to 2.5	Pass	
40	3.80	-1.559	-0.0006		-2.5 to 2.5	Pass				
50	3.80	-0.100	0.0000		-2.5 to 2.5	Pass				
2565	50	0	20		3.23	-3.619	-0.0014	-2.5 to 2.5	Pass	
				3.80	-4.463	-0.0017	-2.5 to 2.5	Pass		
				4.37	-3.705	-0.0014	-2.5 to 2.5	Pass		
			-30	3.80	-4.935	-0.0019	-2.5 to 2.5	Pass		
				-20	3.80	-4.764	-0.0019	-2.5 to 2.5	Pass	
				-10	3.80	-2.103	-0.0008	-2.5 to 2.5	Pass	
			0	3.80	-2.217	-0.0009	-2.5 to 2.5	Pass		
				10	3.80	-2.518	-0.0010	-2.5 to 2.5	Pass	
				30	3.80	-3.576	-0.0014	-2.5 to 2.5	Pass	
40	3.80	-2.131		-0.0008	-2.5 to 2.5	Pass				

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64QAM	2505	50	0	50	3.80	-2.704	-0.0011	-2.5 to 2.5	Pass
				20	3.23	-9.685	-0.0039	-2.5 to 2.5	Pass
					3.80	-2.232	-0.0009	-2.5 to 2.5	Pass
					4.37	-3.691	-0.0015	-2.5 to 2.5	Pass
				-30	3.80	-2.232	-0.0009	-2.5 to 2.5	Pass
				-20	3.80	-1.044	-0.0004	-2.5 to 2.5	Pass
				-10	3.80	-3.691	-0.0015	-2.5 to 2.5	Pass
				0	3.80	-4.892	-0.0020	-2.5 to 2.5	Pass
				10	3.80	-5.307	-0.0021	-2.5 to 2.5	Pass
				30	3.80	-5.965	-0.0024	-2.5 to 2.5	Pass
	40	3.80	-5.851	-0.0023	-2.5 to 2.5	Pass			
	50	3.80	-6.723	-0.0027	-2.5 to 2.5	Pass			
	2535	50	0	20	3.23	-5.093	-0.0020	-2.5 to 2.5	Pass
					3.80	-6.580	-0.0026	-2.5 to 2.5	Pass
					4.37	-2.975	-0.0012	-2.5 to 2.5	Pass
				-30	3.80	-5.908	-0.0023	-2.5 to 2.5	Pass
				-20	3.80	-2.017	-0.0008	-2.5 to 2.5	Pass
				-10	3.80	-7.539	-0.0030	-2.5 to 2.5	Pass
				0	3.80	-9.913	-0.0039	-2.5 to 2.5	Pass
				10	3.80	1.545	0.0006	-2.5 to 2.5	Pass
				30	3.80	-3.734	-0.0015	-2.5 to 2.5	Pass
				40	3.80	-6.266	-0.0025	-2.5 to 2.5	Pass
	50	3.80	-5.565	-0.0022	-2.5 to 2.5	Pass			
	2565	50	0	20	3.23	-8.354	-0.0033	-2.5 to 2.5	Pass
					3.80	-7.639	-0.0030	-2.5 to 2.5	Pass
					4.37	0.873	0.0003	-2.5 to 2.5	Pass
				-30	3.80	-3.476	-0.0014	-2.5 to 2.5	Pass
				-20	3.80	-3.977	-0.0016	-2.5 to 2.5	Pass
				-10	3.80	1.731	0.0007	-2.5 to 2.5	Pass
				0	3.80	1.101	0.0004	-2.5 to 2.5	Pass
10				3.80	-2.189	-0.0009	-2.5 to 2.5	Pass	
30				3.80	-0.014	0.0000	-2.5 to 2.5	Pass	
40				3.80	-1.845	-0.0007	-2.5 to 2.5	Pass	
50	3.80	-8.926	-0.0035	-2.5 to 2.5	Pass				

2.3 B7_15MHz

2.3.1 Test Result

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.23	-1.831	-0.0007	-2.5 to 2.5	Pass
					3.80	-0.873	-0.0003	-2.5 to 2.5	Pass
					4.37	-0.815	-0.0003	-2.5 to 2.5	Pass
				-30	3.80	-0.658	-0.0003	-2.5 to 2.5	Pass
				-20	3.80	-0.057	0.0000	-2.5 to 2.5	Pass
				-10	3.80	0.057	0.0000	-2.5 to 2.5	Pass
				0	3.80	0.429	0.0002	-2.5 to 2.5	Pass
				10	3.80	1.988	0.0008	-2.5 to 2.5	Pass
				30	3.80	-0.558	-0.0002	-2.5 to 2.5	Pass
				40	3.80	-2.518	-0.0010	-2.5 to 2.5	Pass

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	2535	75	0	50	3.80	-1.173	-0.0005	-2.5 to 2.5	Pass
				20	3.23	-4.520	-0.0018	-2.5 to 2.5	Pass
					3.80	-3.333	-0.0013	-2.5 to 2.5	Pass
					4.37	-4.978	-0.0020	-2.5 to 2.5	Pass
				-30	3.80	-3.104	-0.0012	-2.5 to 2.5	Pass
				-20	3.80	-4.835	-0.0019	-2.5 to 2.5	Pass
				-10	3.80	-2.403	-0.0009	-2.5 to 2.5	Pass
				0	3.80	-2.761	-0.0011	-2.5 to 2.5	Pass
				10	3.80	-1.745	-0.0007	-2.5 to 2.5	Pass
				30	3.80	-2.303	-0.0009	-2.5 to 2.5	Pass
	40	3.80	-1.531	-0.0006	-2.5 to 2.5	Pass			
	50	3.80	-1.888	-0.0007	-2.5 to 2.5	Pass			
	2562.5	75	0	20	3.23	1.273	0.0005	-2.5 to 2.5	Pass
					3.80	3.190	0.0012	-2.5 to 2.5	Pass
					4.37	2.060	0.0008	-2.5 to 2.5	Pass
				-30	3.80	2.961	0.0012	-2.5 to 2.5	Pass
				-20	3.80	0.787	0.0003	-2.5 to 2.5	Pass
				-10	3.80	0.873	0.0003	-2.5 to 2.5	Pass
				0	3.80	1.874	0.0007	-2.5 to 2.5	Pass
				10	3.80	1.101	0.0004	-2.5 to 2.5	Pass
30				3.80	-0.043	0.0000	-2.5 to 2.5	Pass	
40				3.80	0.973	0.0004	-2.5 to 2.5	Pass	
50	3.80	0.172	0.0001	-2.5 to 2.5	Pass				
16QAM	2507.5	75	0	20	3.23	-1.931	-0.0008	-2.5 to 2.5	Pass
					3.80	-0.730	-0.0003	-2.5 to 2.5	Pass
					4.37	-1.473	-0.0006	-2.5 to 2.5	Pass
				-30	3.80	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	3.80	-0.172	-0.0001	-2.5 to 2.5	Pass
				-10	3.80	2.532	0.0010	-2.5 to 2.5	Pass
				0	3.80	1.388	0.0006	-2.5 to 2.5	Pass
				10	3.80	0.572	0.0002	-2.5 to 2.5	Pass
				30	3.80	0.486	0.0002	-2.5 to 2.5	Pass
				40	3.80	2.704	0.0011	-2.5 to 2.5	Pass
	50	3.80	2.117	0.0008	-2.5 to 2.5	Pass			
	2535	75	0	20	3.23	-0.944	-0.0004	-2.5 to 2.5	Pass
					3.80	-2.389	-0.0009	-2.5 to 2.5	Pass
					4.37	-3.147	-0.0012	-2.5 to 2.5	Pass
				-30	3.80	-2.875	-0.0011	-2.5 to 2.5	Pass
				-20	3.80	-2.518	-0.0010	-2.5 to 2.5	Pass
				-10	3.80	-0.901	-0.0004	-2.5 to 2.5	Pass
				0	3.80	-1.316	-0.0005	-2.5 to 2.5	Pass
				10	3.80	-4.277	-0.0017	-2.5 to 2.5	Pass
				30	3.80	-2.232	-0.0009	-2.5 to 2.5	Pass
40				3.80	-2.918	-0.0012	-2.5 to 2.5	Pass	
50	3.80	-4.492	-0.0018	-2.5 to 2.5	Pass				
2562.5	75	0	20	3.23	0.558	0.0002	-2.5 to 2.5	Pass	
				3.80	1.073	0.0004	-2.5 to 2.5	Pass	
				4.37	1.388	0.0005	-2.5 to 2.5	Pass	
			-30	3.80	3.133	0.0012	-2.5 to 2.5	Pass	
			-20	3.80	3.061	0.0012	-2.5 to 2.5	Pass	
			-10	3.80	3.047	0.0012	-2.5 to 2.5	Pass	
			0	3.80	2.160	0.0008	-2.5 to 2.5	Pass	
			10	3.80	2.818	0.0011	-2.5 to 2.5	Pass	
30	3.80	4.220	0.0016	-2.5 to 2.5	Pass				

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64QAM	2507.5	75	0	40	3.80	3.977	0.0016	-2.5 to 2.5	Pass
				50	3.80	3.748	0.0015	-2.5 to 2.5	Pass
				20	3.23	-8.497	-0.0034	-2.5 to 2.5	Pass
					3.80	-7.482	-0.0030	-2.5 to 2.5	Pass
					4.37	-6.208	-0.0025	-2.5 to 2.5	Pass
				-30	3.80	-6.251	-0.0025	-2.5 to 2.5	Pass
				-20	3.80	-2.246	-0.0009	-2.5 to 2.5	Pass
				-10	3.80	-4.191	-0.0017	-2.5 to 2.5	Pass
				0	3.80	-2.832	-0.0011	-2.5 to 2.5	Pass
				10	3.80	-2.403	-0.0010	-2.5 to 2.5	Pass
	30	3.80	-2.561	-0.0010	-2.5 to 2.5	Pass			
	40	3.80	-0.172	-0.0001	-2.5 to 2.5	Pass			
	50	3.80	-3.762	-0.0015	-2.5 to 2.5	Pass			
	2535	75	0	20	3.23	0.143	0.0001	-2.5 to 2.5	Pass
					3.80	-6.022	-0.0024	-2.5 to 2.5	Pass
					4.37	-8.440	-0.0033	-2.5 to 2.5	Pass
				-30	3.80	-9.899	-0.0039	-2.5 to 2.5	Pass
				-20	3.80	-6.595	-0.0026	-2.5 to 2.5	Pass
				-10	3.80	-3.276	-0.0013	-2.5 to 2.5	Pass
				0	3.80	-10.414	-0.0041	-2.5 to 2.5	Pass
				10	3.80	-1.931	-0.0008	-2.5 to 2.5	Pass
				30	3.80	3.033	0.0012	-2.5 to 2.5	Pass
				40	3.80	-2.117	-0.0008	-2.5 to 2.5	Pass
	50	3.80	-2.890	-0.0011	-2.5 to 2.5	Pass			
	2562.5	75	0	20	3.23	-10.529	-0.0041	-2.5 to 2.5	Pass
					3.80	-3.591	-0.0014	-2.5 to 2.5	Pass
					4.37	-2.203	-0.0009	-2.5 to 2.5	Pass
				-30	3.80	-9.913	-0.0039	-2.5 to 2.5	Pass
				-20	3.80	-5.035	-0.0020	-2.5 to 2.5	Pass
				-10	3.80	-4.249	-0.0017	-2.5 to 2.5	Pass
0				3.80	-7.010	-0.0027	-2.5 to 2.5	Pass	
10				3.80	-10.014	-0.0039	-2.5 to 2.5	Pass	
30				3.80	-7.524	-0.0029	-2.5 to 2.5	Pass	
40				3.80	-6.595	-0.0026	-2.5 to 2.5	Pass	
50	3.80	-3.219	-0.0013	-2.5 to 2.5	Pass				

2.4 B7_20MHz

2.4.1 Test Result

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.23	0.672	0.0003	-2.5 to 2.5	Pass
					3.80	0.844	0.0003	-2.5 to 2.5	Pass
					4.37	1.531	0.0006	-2.5 to 2.5	Pass
				-30	3.80	3.147	0.0013	-2.5 to 2.5	Pass
				-20	3.80	2.704	0.0011	-2.5 to 2.5	Pass
				-10	3.80	2.718	0.0011	-2.5 to 2.5	Pass
				0	3.80	3.848	0.0015	-2.5 to 2.5	Pass
				10	3.80	2.246	0.0009	-2.5 to 2.5	Pass
				30	3.80	-0.343	-0.0001	-2.5 to 2.5	Pass

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	2535	100	0	40	3.80	2.189	0.0009	-2.5 to 2.5	Pass
				50	3.80	2.060	0.0008	-2.5 to 2.5	Pass
				20	3.23	-2.618	-0.0010	-2.5 to 2.5	Pass
					3.80	-3.619	-0.0014	-2.5 to 2.5	Pass
					4.37	-2.675	-0.0011	-2.5 to 2.5	Pass
				-30	3.80	-3.648	-0.0014	-2.5 to 2.5	Pass
				-20	3.80	-3.233	-0.0013	-2.5 to 2.5	Pass
				-10	3.80	-2.789	-0.0011	-2.5 to 2.5	Pass
				0	3.80	-2.789	-0.0011	-2.5 to 2.5	Pass
				10	3.80	-2.518	-0.0010	-2.5 to 2.5	Pass
	30	3.80	-2.804	-0.0011	-2.5 to 2.5	Pass			
	40	3.80	-5.765	-0.0023	-2.5 to 2.5	Pass			
	50	3.80	-5.994	-0.0024	-2.5 to 2.5	Pass			
	2560	100	0	20	3.23	-0.944	-0.0004	-2.5 to 2.5	Pass
					3.80	-0.644	-0.0003	-2.5 to 2.5	Pass
					4.37	0.286	0.0001	-2.5 to 2.5	Pass
				-30	3.80	-0.057	0.0000	-2.5 to 2.5	Pass
				-20	3.80	0.029	0.0000	-2.5 to 2.5	Pass
				-10	3.80	1.788	0.0007	-2.5 to 2.5	Pass
				0	3.80	-0.458	-0.0002	-2.5 to 2.5	Pass
10				3.80	-1.473	-0.0006	-2.5 to 2.5	Pass	
30				3.80	-1.903	-0.0007	-2.5 to 2.5	Pass	
40				3.80	-1.159	-0.0005	-2.5 to 2.5	Pass	
50	3.80	-1.888	-0.0007	-2.5 to 2.5	Pass				
16QAM	2510	100	0	20	3.23	1.659	0.0007	-2.5 to 2.5	Pass
					3.80	3.476	0.0014	-2.5 to 2.5	Pass
					4.37	1.059	0.0004	-2.5 to 2.5	Pass
				-30	3.80	2.103	0.0008	-2.5 to 2.5	Pass
				-20	3.80	2.260	0.0009	-2.5 to 2.5	Pass
				-10	3.80	2.303	0.0009	-2.5 to 2.5	Pass
				0	3.80	2.747	0.0011	-2.5 to 2.5	Pass
				10	3.80	1.645	0.0007	-2.5 to 2.5	Pass
				30	3.80	1.087	0.0004	-2.5 to 2.5	Pass
				40	3.80	1.917	0.0008	-2.5 to 2.5	Pass
	50	3.80	3.347	0.0013	-2.5 to 2.5	Pass			
	2535	100	0	20	3.23	-6.423	-0.0025	-2.5 to 2.5	Pass
					3.80	-5.722	-0.0023	-2.5 to 2.5	Pass
					4.37	-4.663	-0.0018	-2.5 to 2.5	Pass
				-30	3.80	-5.908	-0.0023	-2.5 to 2.5	Pass
				-20	3.80	-5.794	-0.0023	-2.5 to 2.5	Pass
				-10	3.80	-5.565	-0.0022	-2.5 to 2.5	Pass
				0	3.80	-5.307	-0.0021	-2.5 to 2.5	Pass
				10	3.80	-5.937	-0.0023	-2.5 to 2.5	Pass
				30	3.80	-6.037	-0.0024	-2.5 to 2.5	Pass
40				3.80	-6.237	-0.0025	-2.5 to 2.5	Pass	
50	3.80	-6.480	-0.0026	-2.5 to 2.5	Pass				
2560	100	0	20	3.23	-1.445	-0.0006	-2.5 to 2.5	Pass	
				3.80	-0.615	-0.0002	-2.5 to 2.5	Pass	
				4.37	0.243	0.0001	-2.5 to 2.5	Pass	
			-30	3.80	-0.143	-0.0001	-2.5 to 2.5	Pass	
			-20	3.80	0.229	0.0001	-2.5 to 2.5	Pass	
			-10	3.80	-0.701	-0.0003	-2.5 to 2.5	Pass	
			0	3.80	-4.892	-0.0019	-2.5 to 2.5	Pass	
			10	3.80	0.887	0.0003	-2.5 to 2.5	Pass	

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				30	3.80	0.916	0.0004	-2.5 to 2.5	Pass
				40	3.80	-2.718	-0.0011	-2.5 to 2.5	Pass
				50	3.80	0.272	0.0001	-2.5 to 2.5	Pass
64QAM	2510	100	0	20	3.23	-5.751	-0.0023	-2.5 to 2.5	Pass
					3.80	0.014	0.0000	-2.5 to 2.5	Pass
					4.37	-5.493	-0.0022	-2.5 to 2.5	Pass
				-30	3.80	-3.533	-0.0014	-2.5 to 2.5	Pass
				-20	3.80	-6.137	-0.0024	-2.5 to 2.5	Pass
				-10	3.80	-6.452	-0.0026	-2.5 to 2.5	Pass
				0	3.80	-7.911	-0.0032	-2.5 to 2.5	Pass
				10	3.80	-9.441	-0.0038	-2.5 to 2.5	Pass
				30	3.80	-6.123	-0.0024	-2.5 to 2.5	Pass
				40	3.80	-6.938	-0.0028	-2.5 to 2.5	Pass
				50	3.80	-8.640	-0.0034	-2.5 to 2.5	Pass
				2535	100	0	20	3.23	-2.575
	3.80	-10.729	-0.0042					-2.5 to 2.5	Pass
	4.37	-7.739	-0.0031					-2.5 to 2.5	Pass
	-30	3.80	-6.595				-0.0026	-2.5 to 2.5	Pass
	-20	3.80	-2.918				-0.0012	-2.5 to 2.5	Pass
	-10	3.80	-8.898				-0.0035	-2.5 to 2.5	Pass
	0	3.80	-7.567				-0.0030	-2.5 to 2.5	Pass
	10	3.80	-3.304				-0.0013	-2.5 to 2.5	Pass
	30	3.80	-6.981				-0.0028	-2.5 to 2.5	Pass
	40	3.80	-4.277				-0.0017	-2.5 to 2.5	Pass
	50	3.80	-6.251				-0.0025	-2.5 to 2.5	Pass
	2560	100	0				20	3.23	-4.735
				3.80	-9.642	-0.0038		-2.5 to 2.5	Pass
4.37				-5.364	-0.0021	-2.5 to 2.5		Pass	
-30				3.80	-7.439	-0.0029	-2.5 to 2.5	Pass	
-20				3.80	-7.482	-0.0029	-2.5 to 2.5	Pass	
-10				3.80	-9.041	-0.0035	-2.5 to 2.5	Pass	
0				3.80	-12.975	-0.0051	-2.5 to 2.5	Pass	
10				3.80	-11.830	-0.0046	-2.5 to 2.5	Pass	
30				3.80	-10.858	-0.0042	-2.5 to 2.5	Pass	
40				3.80	-8.626	-0.0034	-2.5 to 2.5	Pass	
50				3.80	-7.982	-0.0031	-2.5 to 2.5	Pass	

3. Modulation Characteristics

3.1 B7_5MHz

3.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	25	0	Refer To Test Graph		Pass
16QAM	2535	25	0	Refer To Test Graph		Pass
64QAM	2535	25	0	Refer To Test Graph		Pass



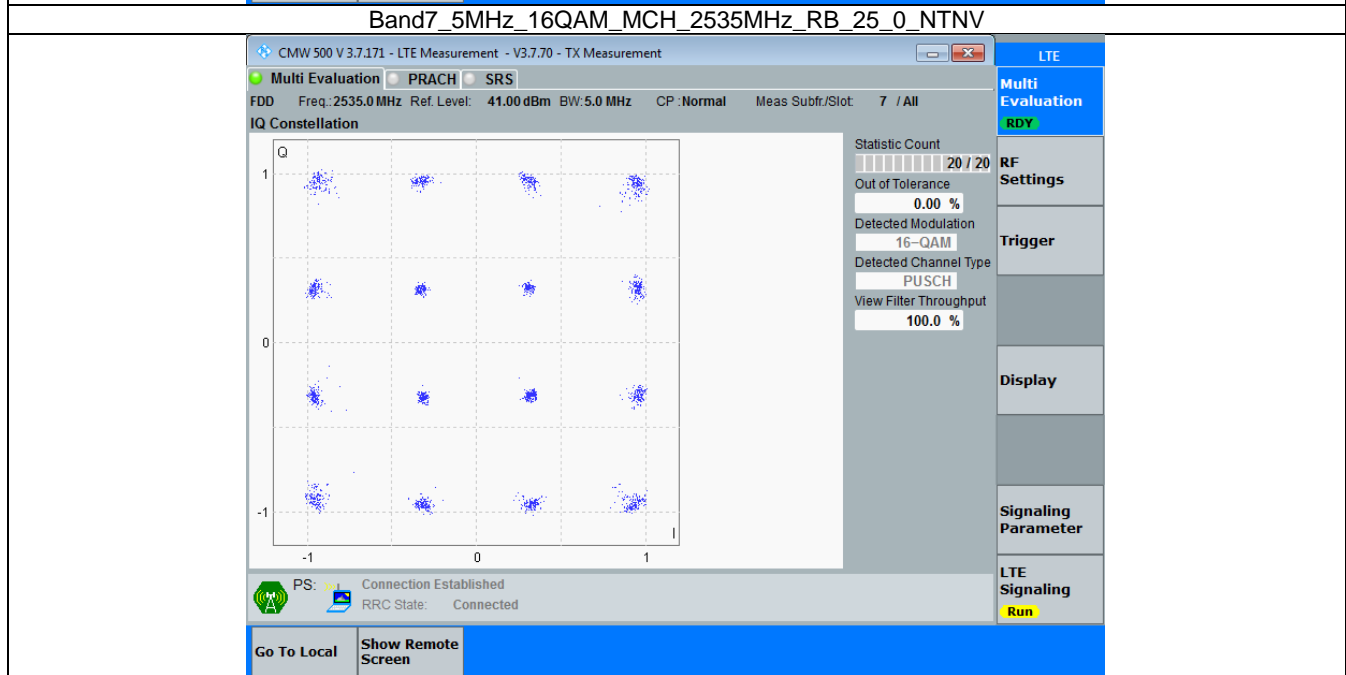
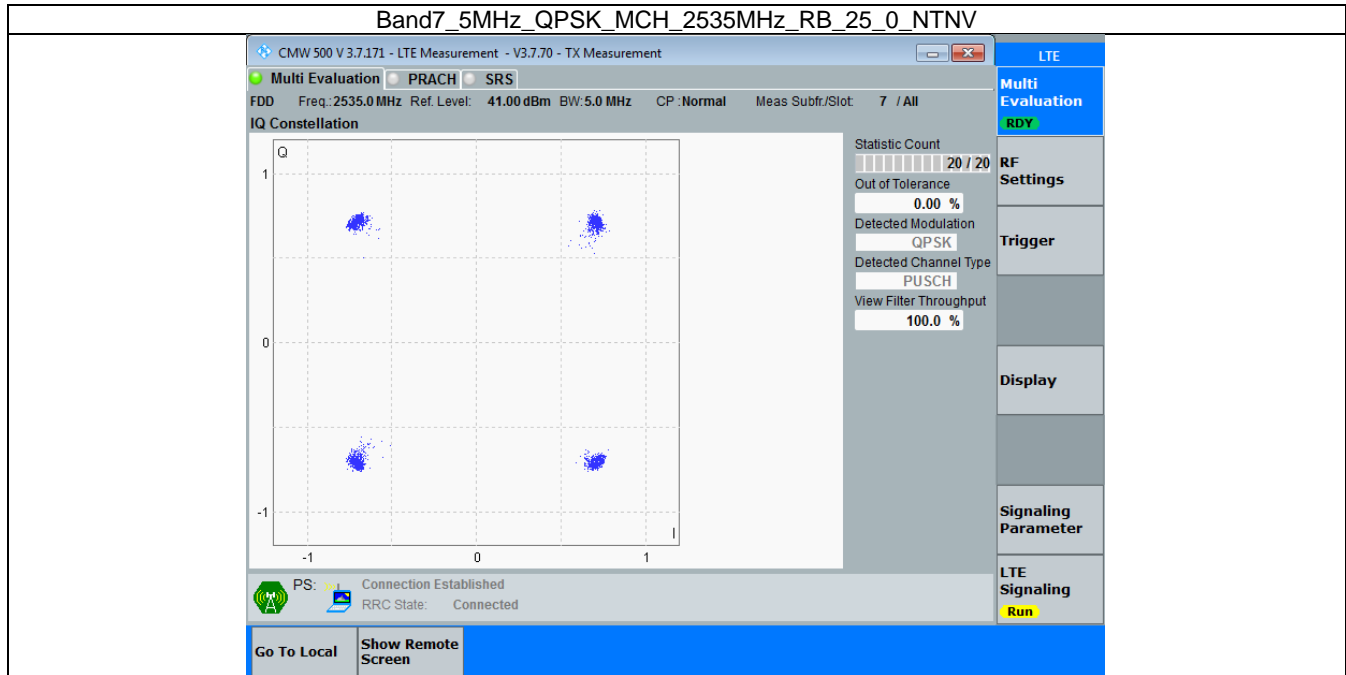
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3.1.2 Test Graph



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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV

CMW 500 V 3.7.171 - LTE Measurement - V3.7.70 - TX Measurement		LTE
Multi Evaluation <input type="checkbox"/> PRACH <input type="checkbox"/> SRS		Multi Evaluation RDY
FDD Freq.: 2535.0 MHz Ref. Level: 41.00 dBm BW: 5.0 MHz CP: Normal Meas Subfr/Slot 7 / All		RF Settings
IQ Constellation		Trigger
	Statistic Count 20 / 20 Out of Tolerance 0.00 % Detected Modulation 64-QAM Detected Channel Type PUSCH View Filter Throughput 100.0 %	
PS: Connection Established RRC State: Connected		Display
Go To Local Show Remote Screen		Signaling Parameter
		LTE Signaling Run



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3.2 B7_10MHz

3.2.1 Test Result

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

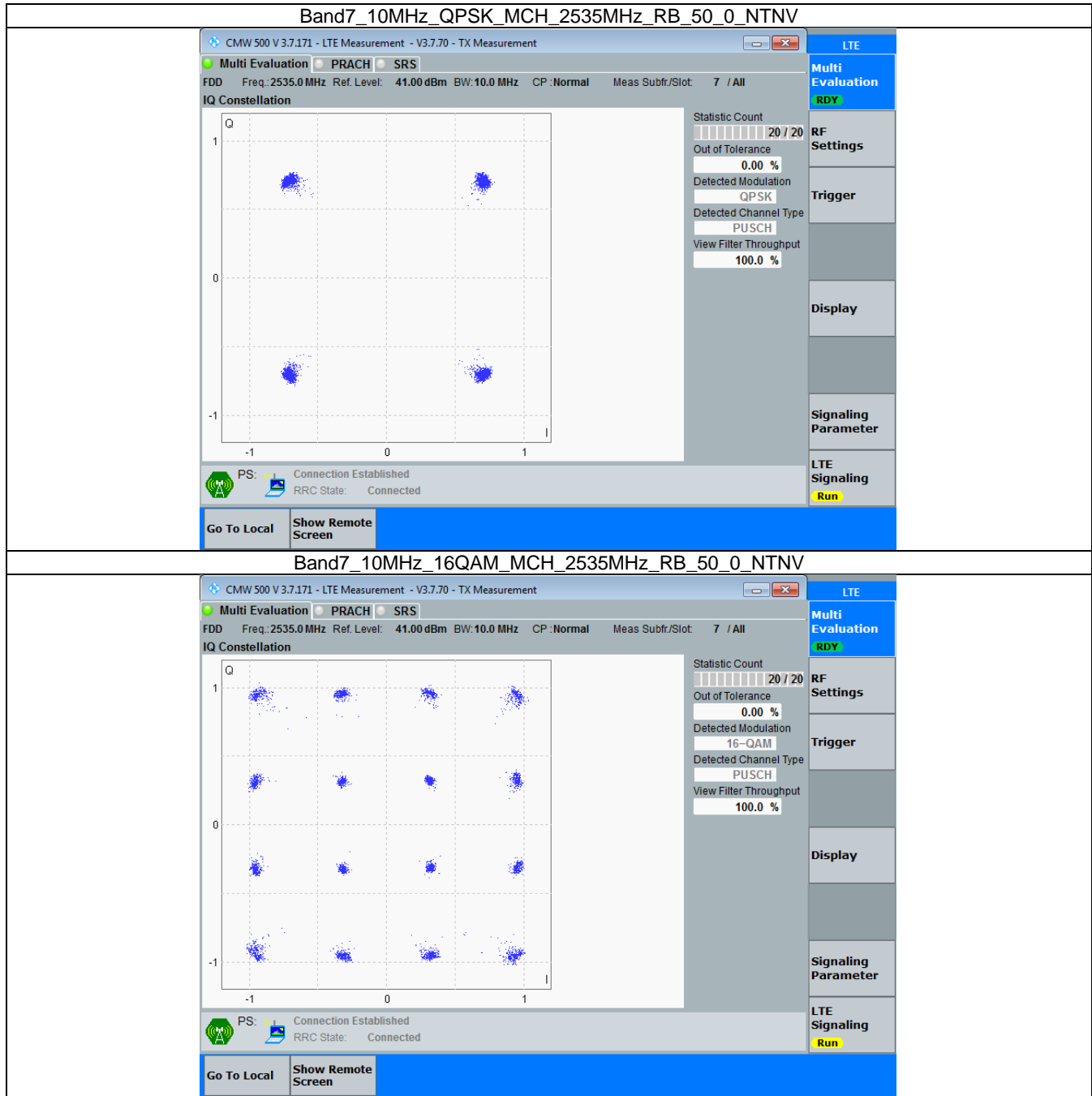


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3.2.2 Test Graph

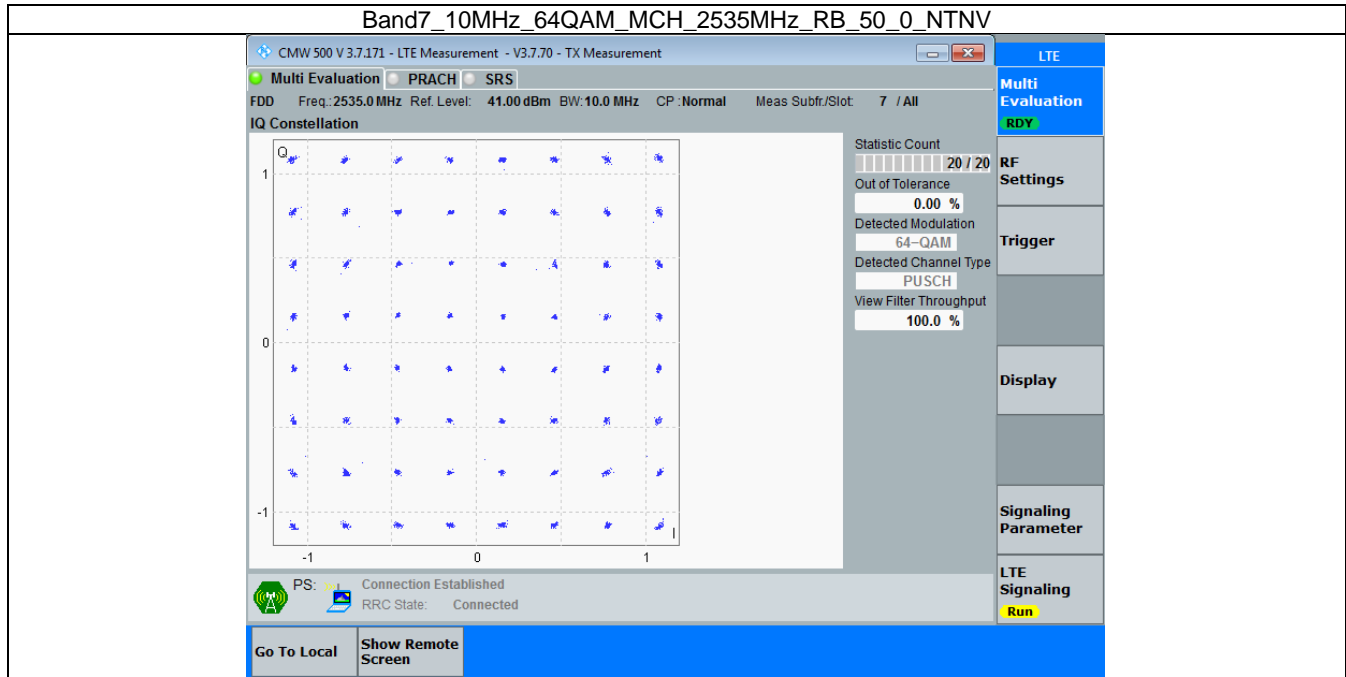


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3.3 B7_15MHz

3.3.1 Test Result

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

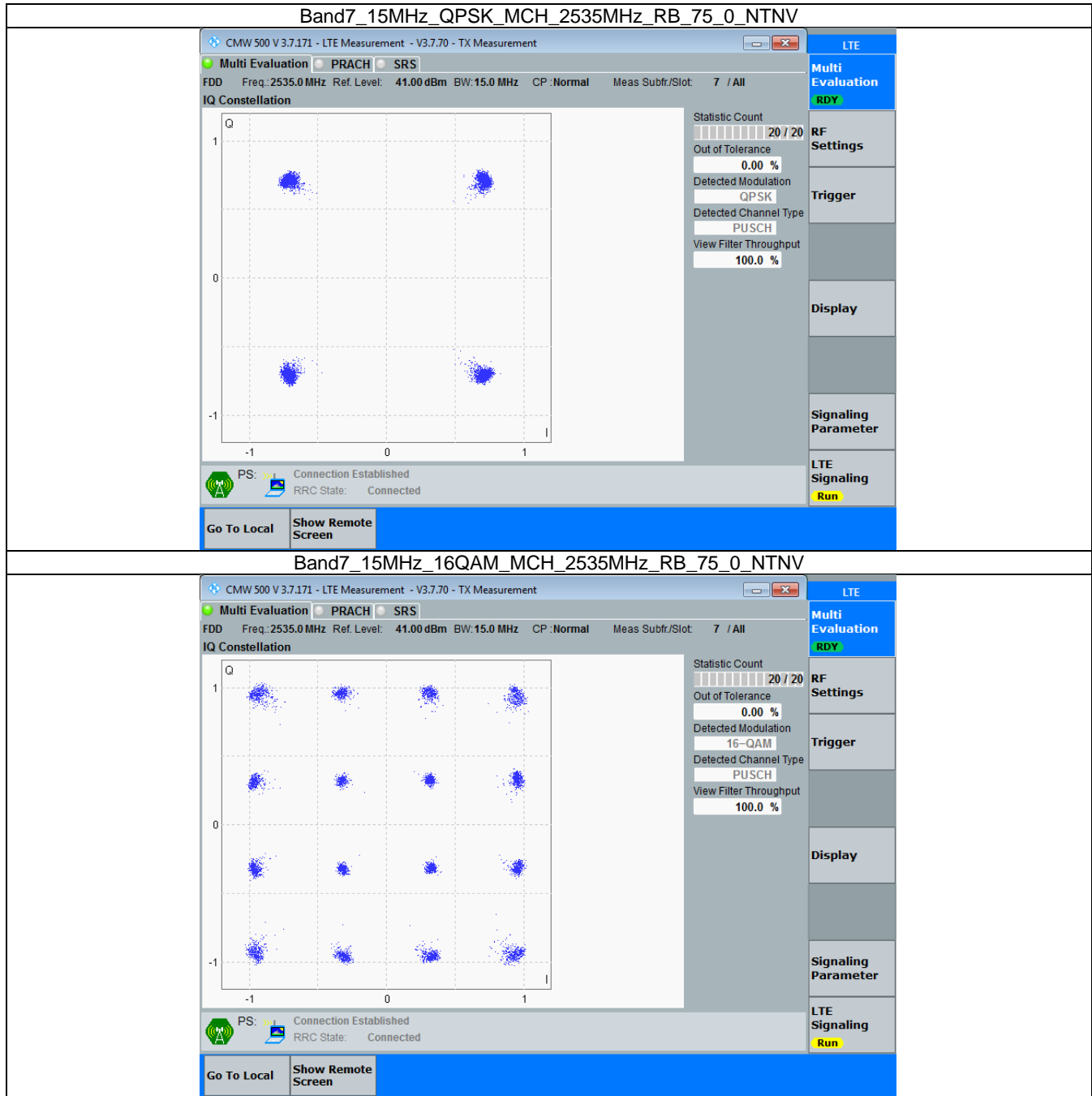


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3.3.2 Test Graph

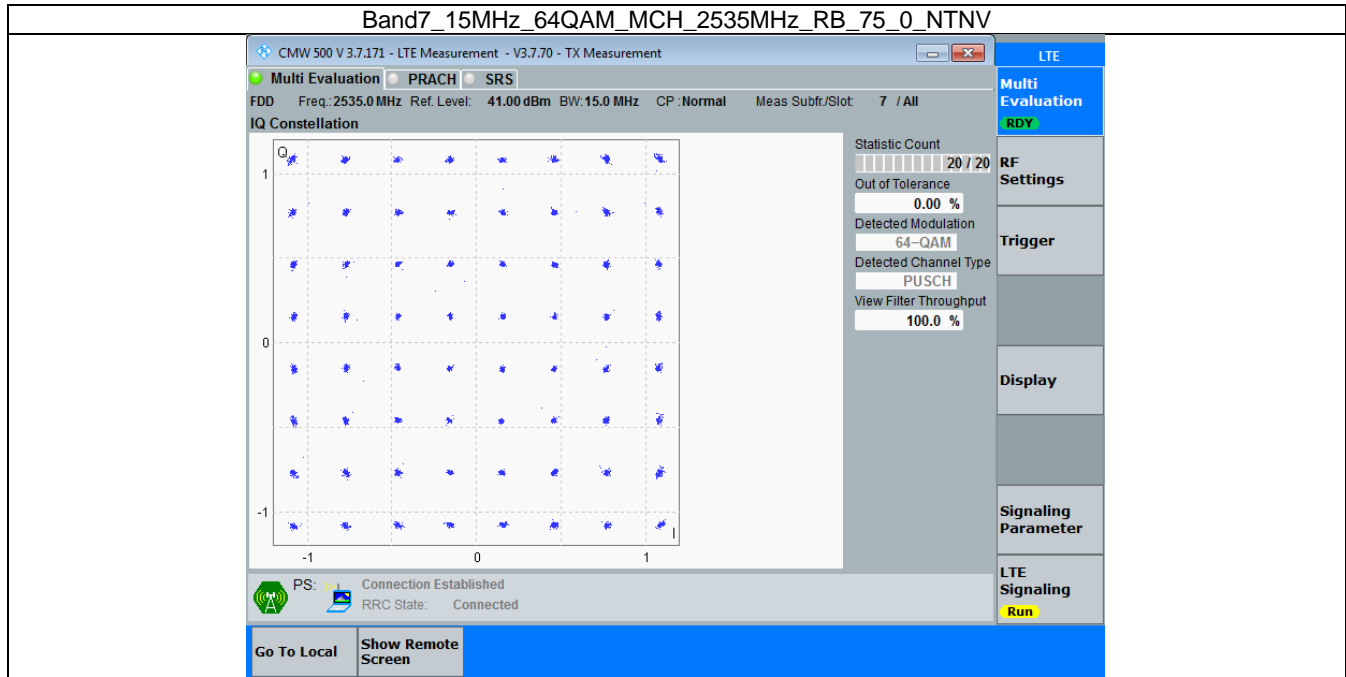


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3.4 B7_20MHz

3.4.1 Test Result

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

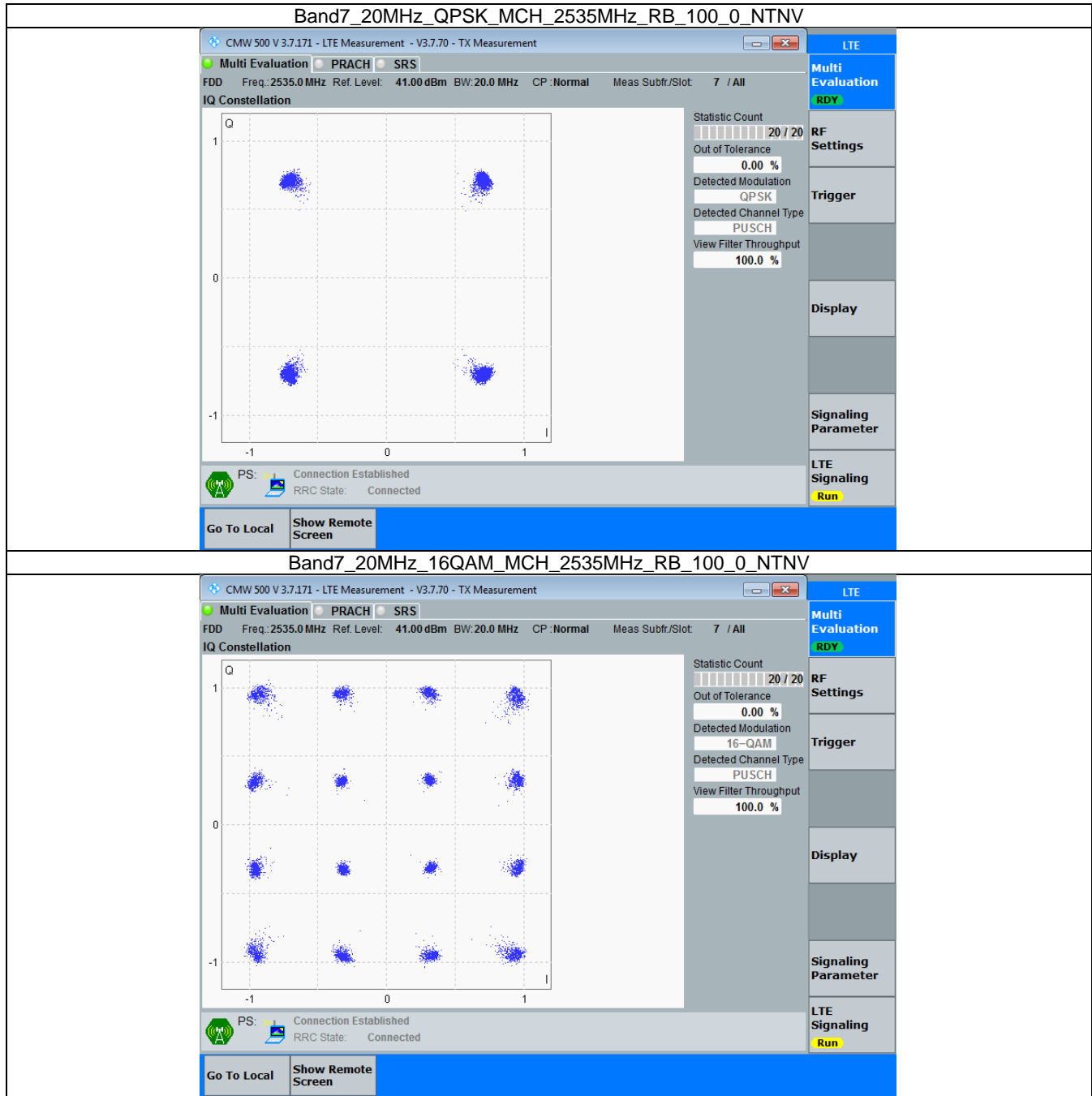


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3.4.2 Test Graph

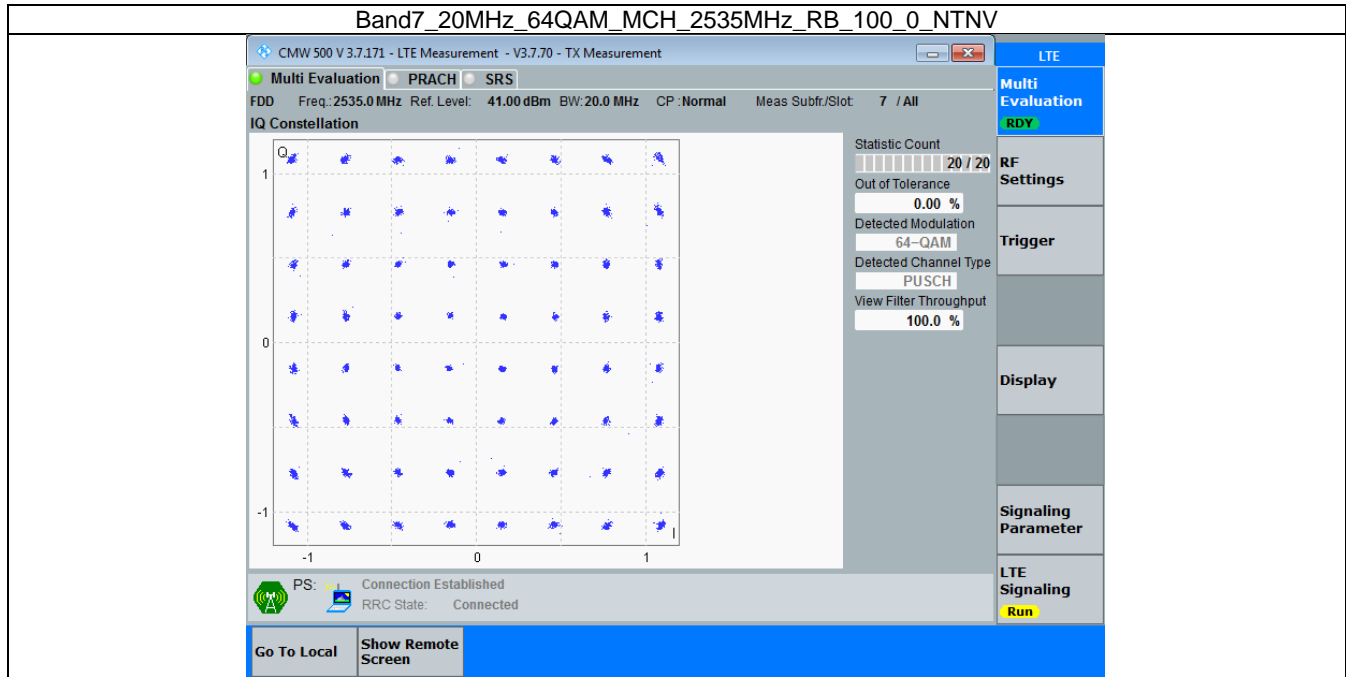


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4. 99% & 26dB Bandwidth

4.1 Band7_OBW

4.1.1 Test Result

Band: 7 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	4.555	Pass
		2535	25	0	4.526	Pass
		2567.5	25	0	4.549	Pass
	16QAM	2502.5	25	0	4.516	Pass
		2535	25	0	4.547	Pass
		2567.5	25	0	4.556	Pass
	64QAM	2502.5	25	0	4.535	Pass
		2535	25	0	4.538	Pass
		2567.5	25	0	4.545	Pass
10	QPSK	2505	50	0	9.047	Pass
		2535	50	0	9.023	Pass
		2565	50	0	9.056	Pass
	16QAM	2505	50	0	9.049	Pass
		2535	50	0	9.016	Pass
		2565	50	0	9.040	Pass
	64QAM	2505	50	0	9.024	Pass
		2535	50	0	9.028	Pass
		2565	50	0	9.012	Pass
15	QPSK	2507.5	75	0	13.540	Pass
		2535	75	0	13.511	Pass
		2562.5	75	0	13.534	Pass
	16QAM	2507.5	75	0	13.549	Pass
		2535	75	0	13.522	Pass
		2562.5	75	0	13.572	Pass
	64QAM	2507.5	75	0	13.551	Pass
		2535	75	0	13.575	Pass
		2562.5	75	0	13.572	Pass
20	QPSK	2510	100	0	18.024	Pass
		2535	100	0	18.031	Pass
		2560	100	0	18.048	Pass
	16QAM	2510	100	0	18.003	Pass
		2535	100	0	17.983	Pass
		2560	100	0	18.088	Pass
	64QAM	2510	100	0	18.054	Pass
		2535	100	0	18.115	Pass
		2560	100	0	18.074	Pass



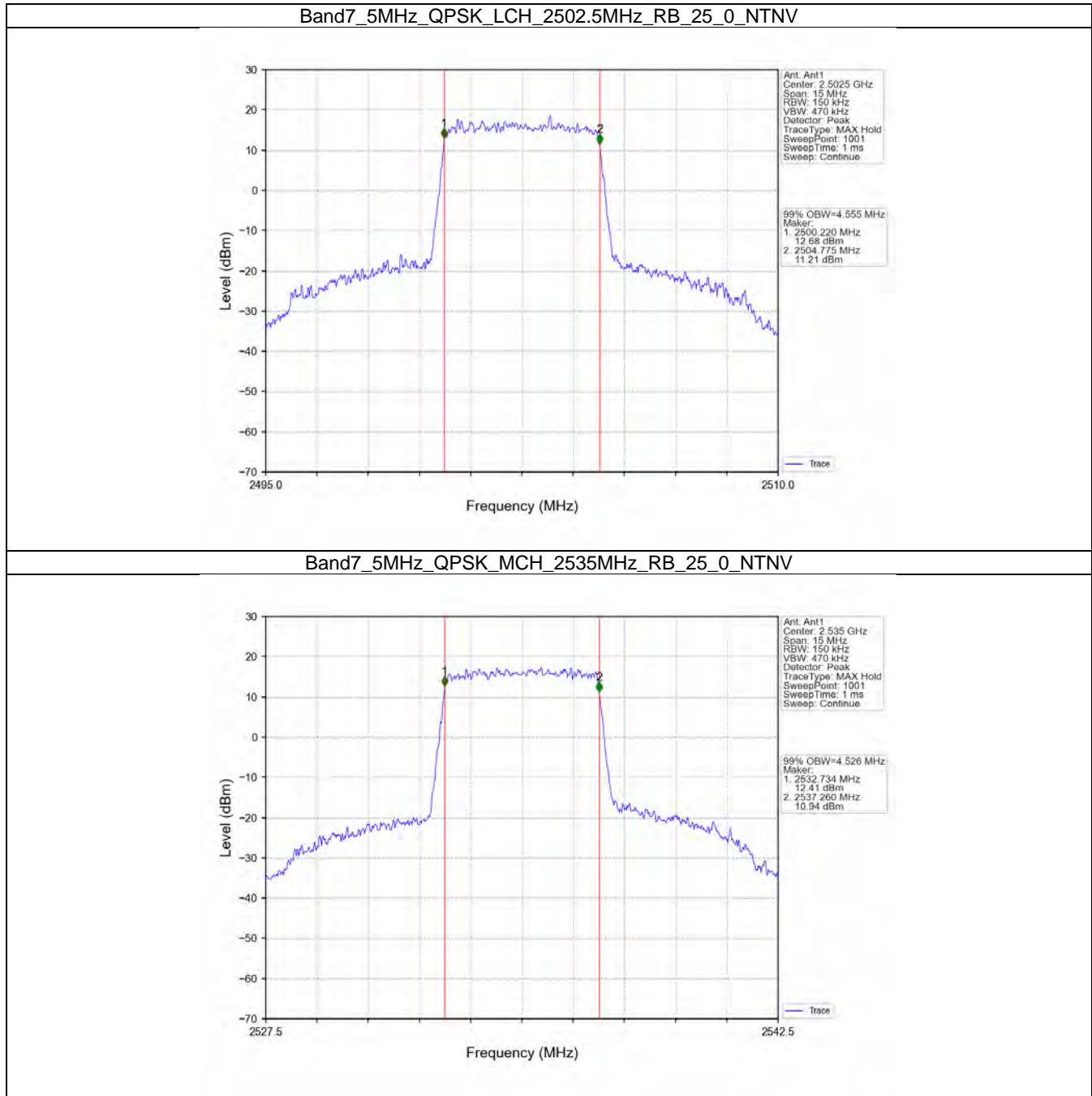
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4.1.2 Test Graph



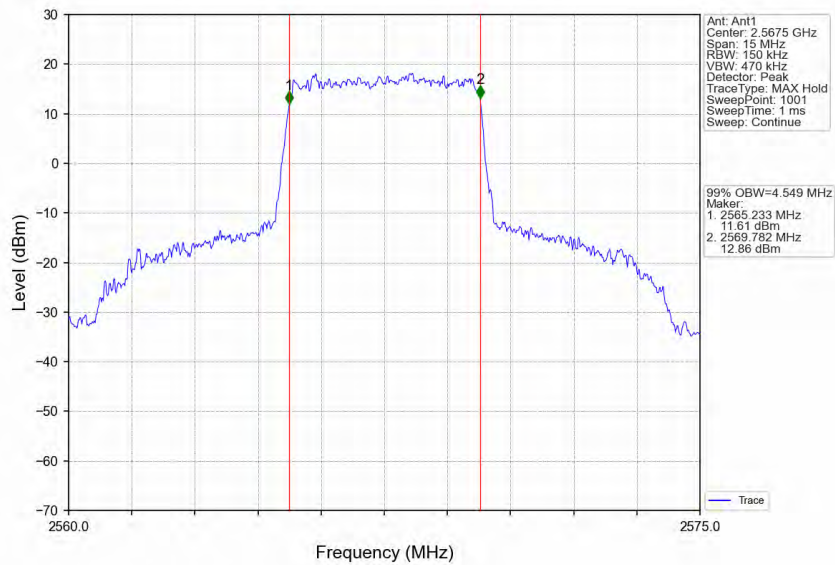
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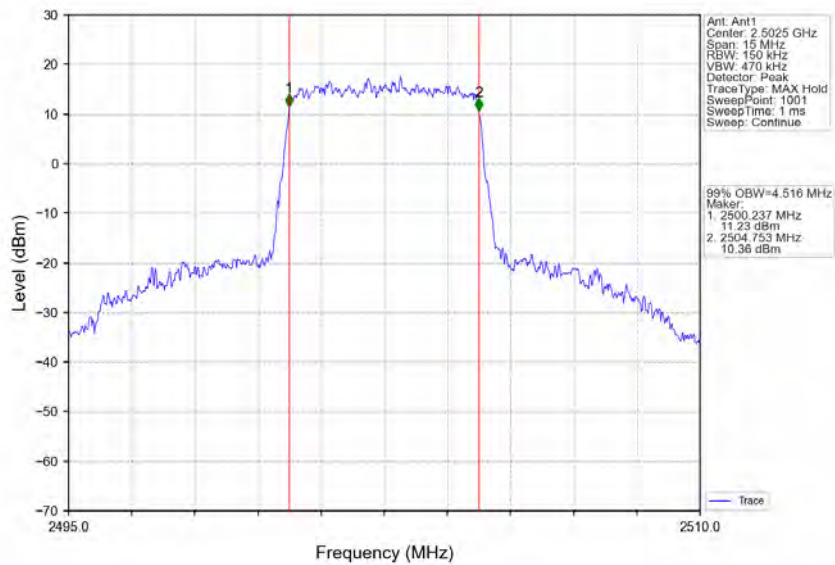
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



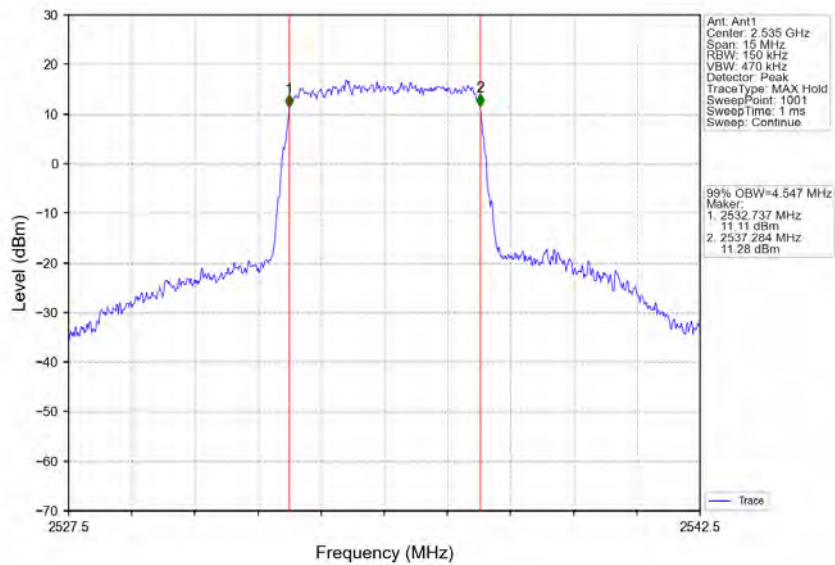
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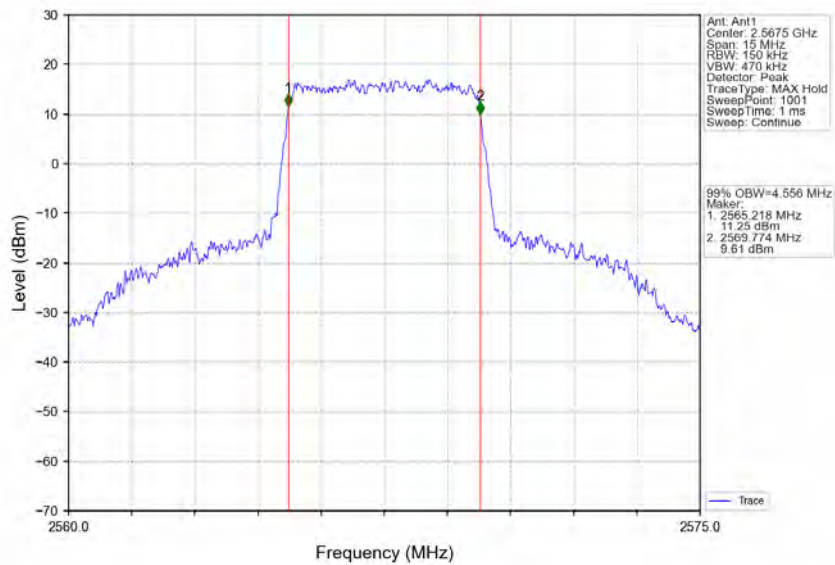
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



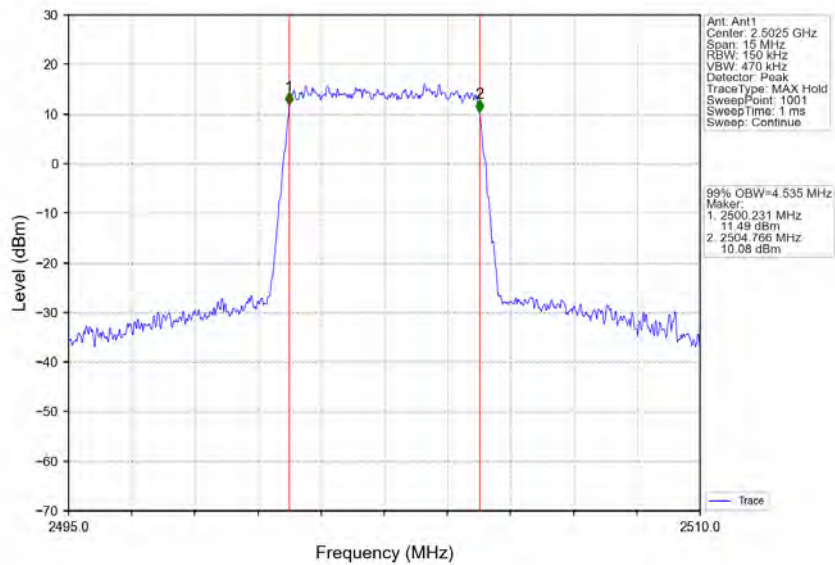
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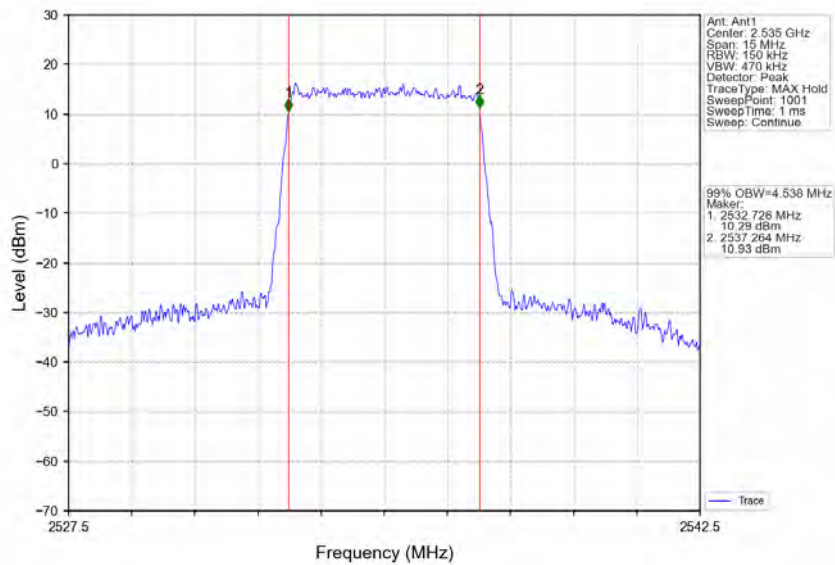
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



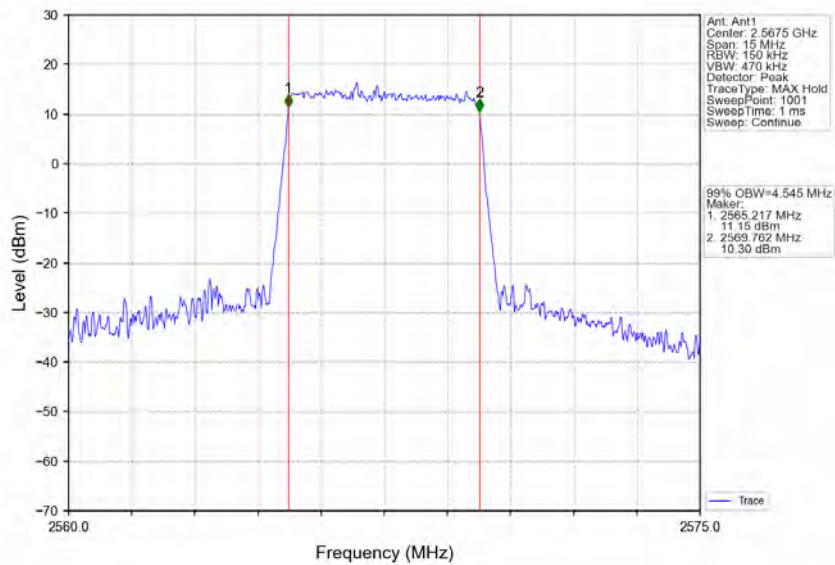
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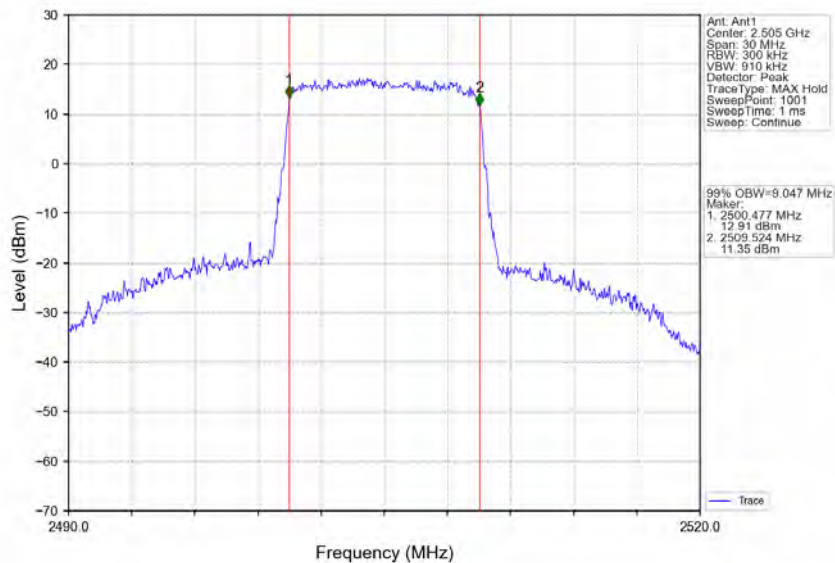
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Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



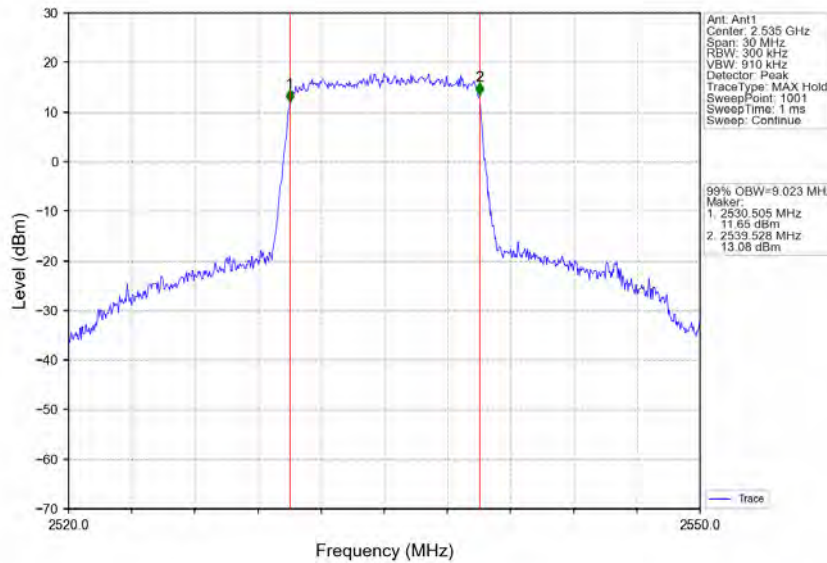
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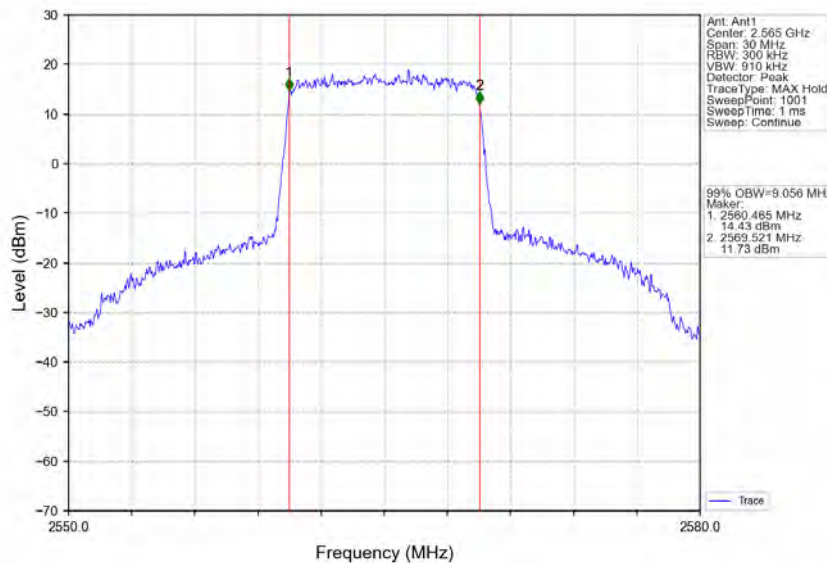
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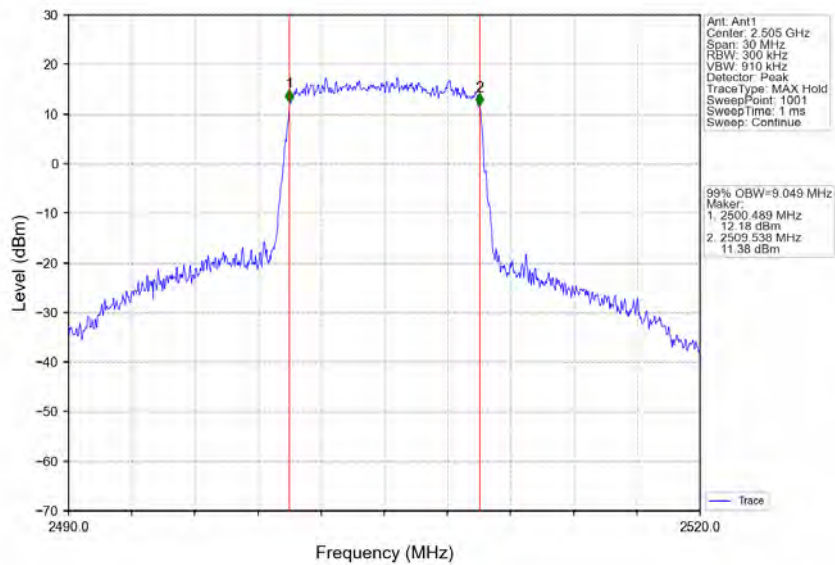
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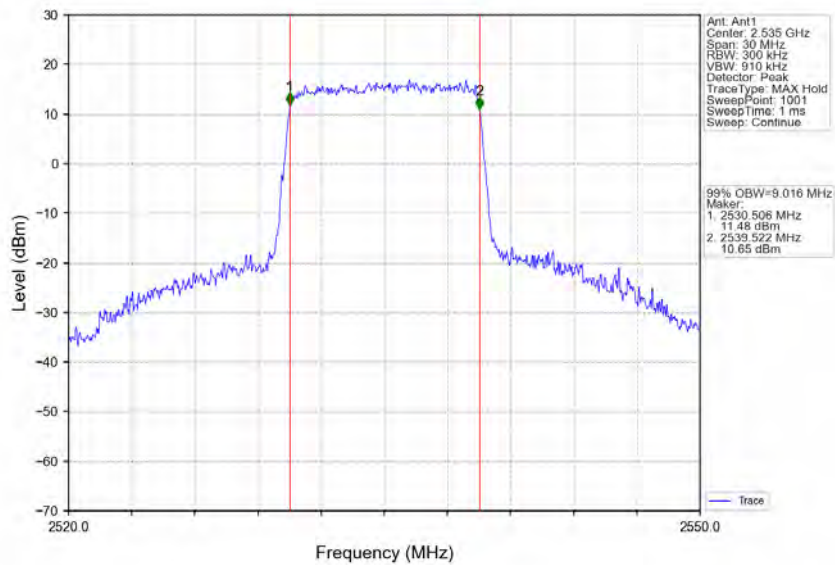
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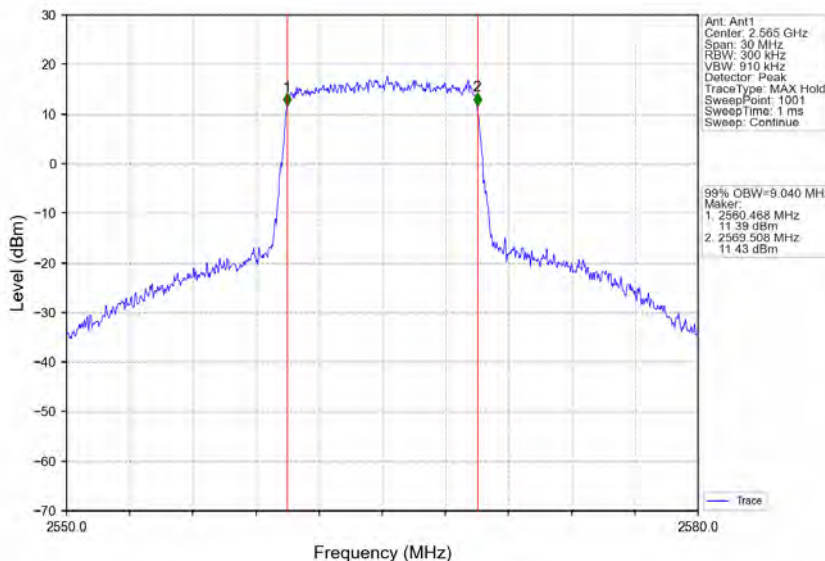
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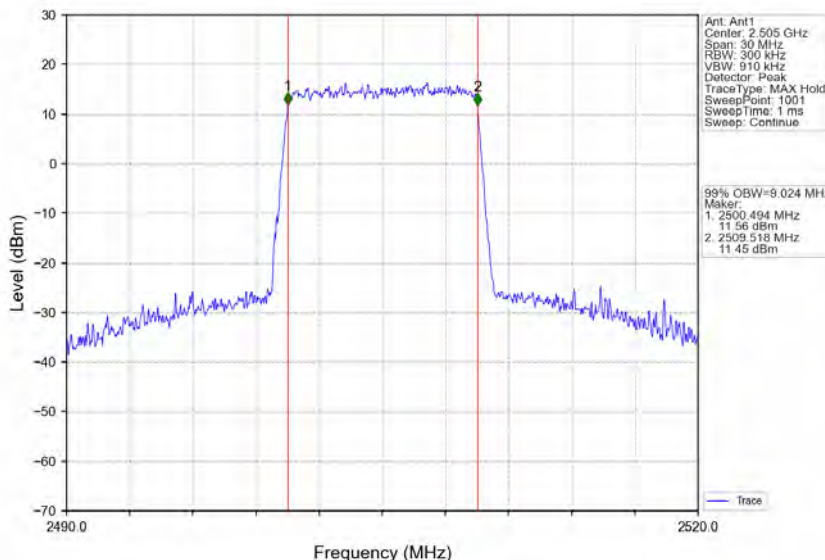
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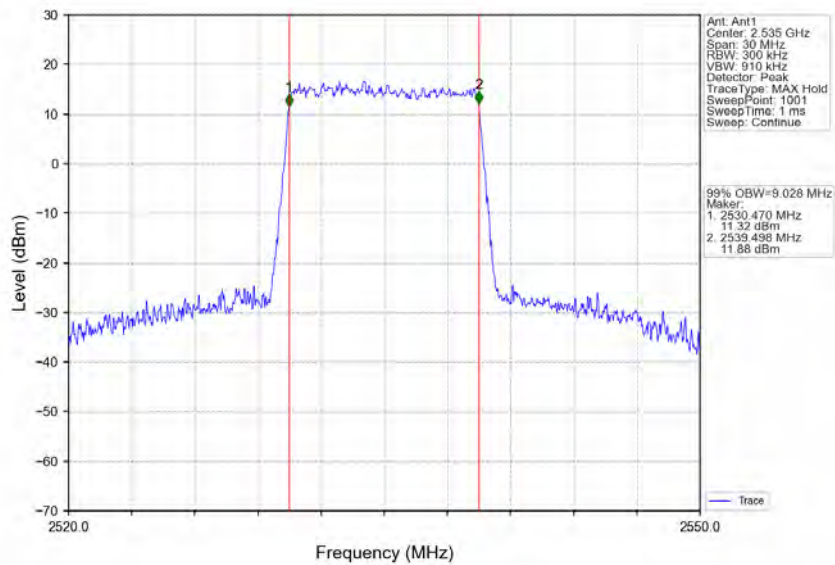
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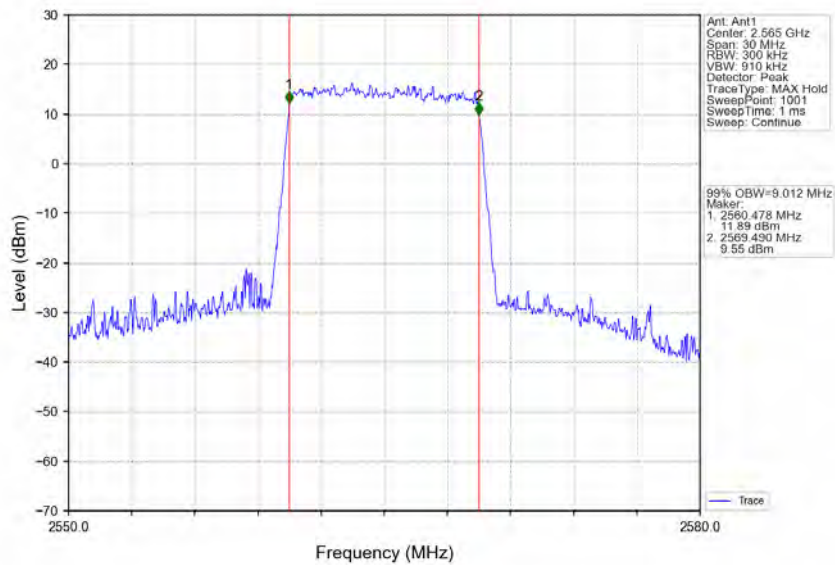
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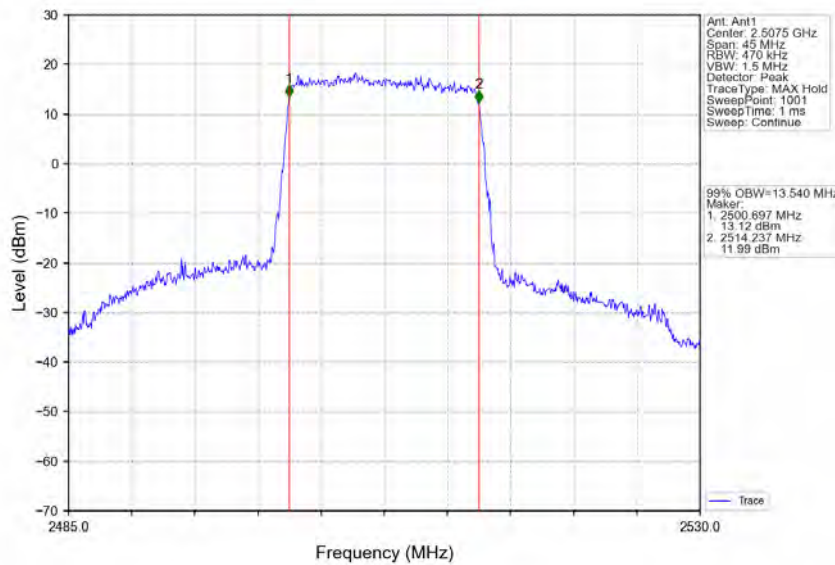
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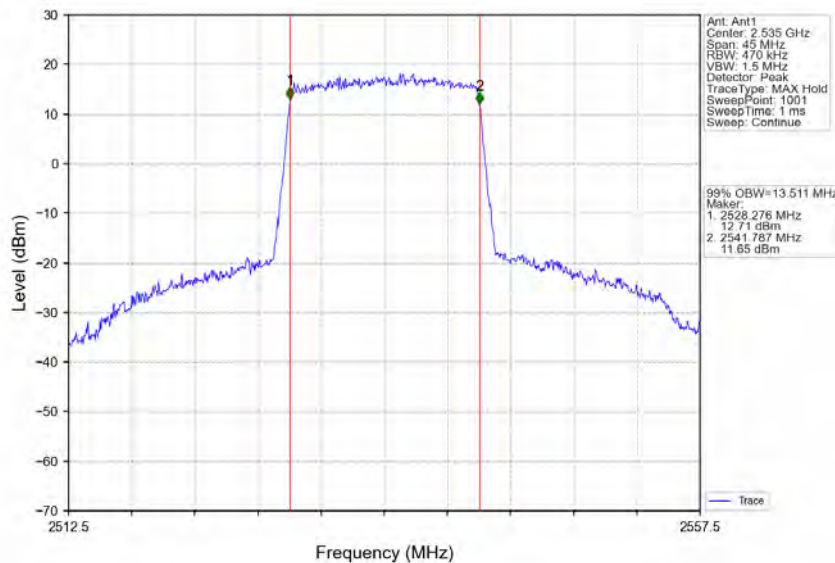
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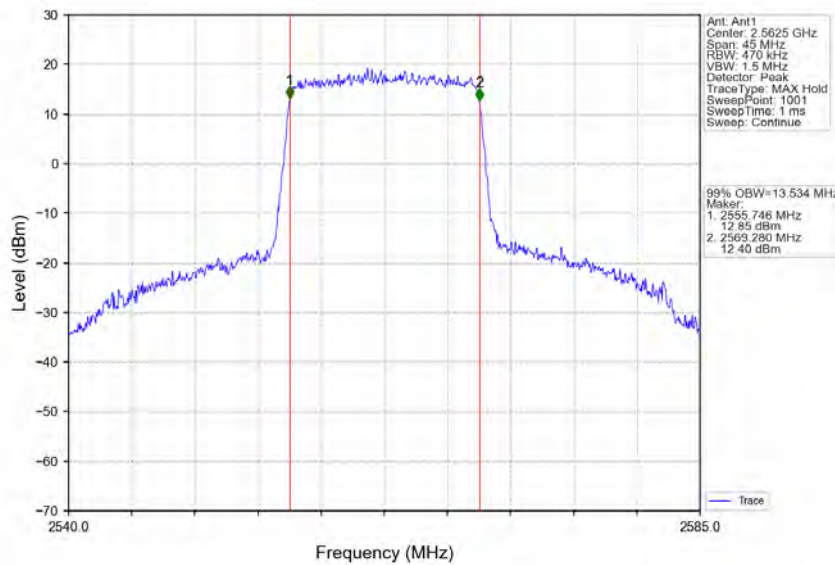
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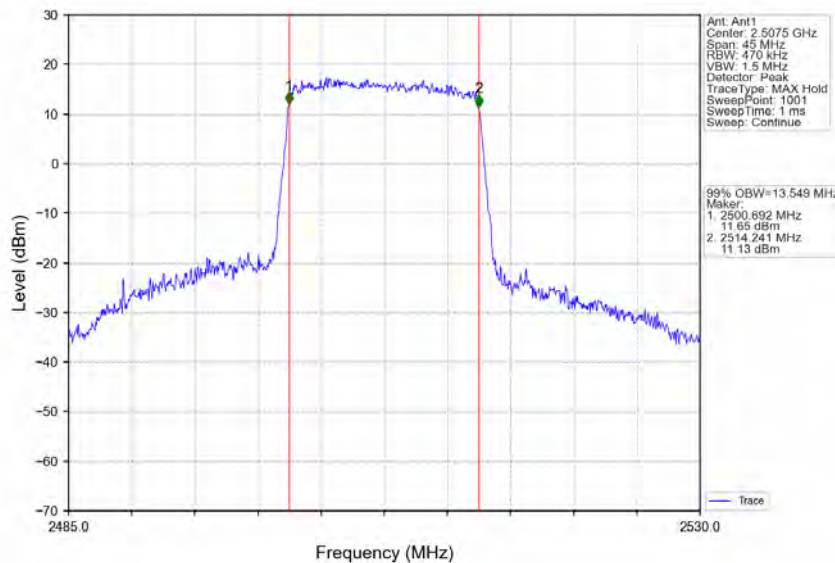
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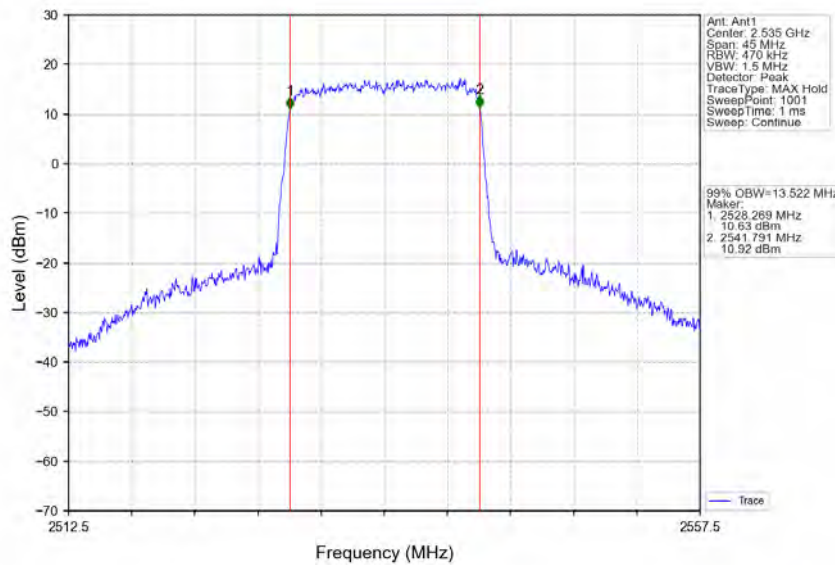
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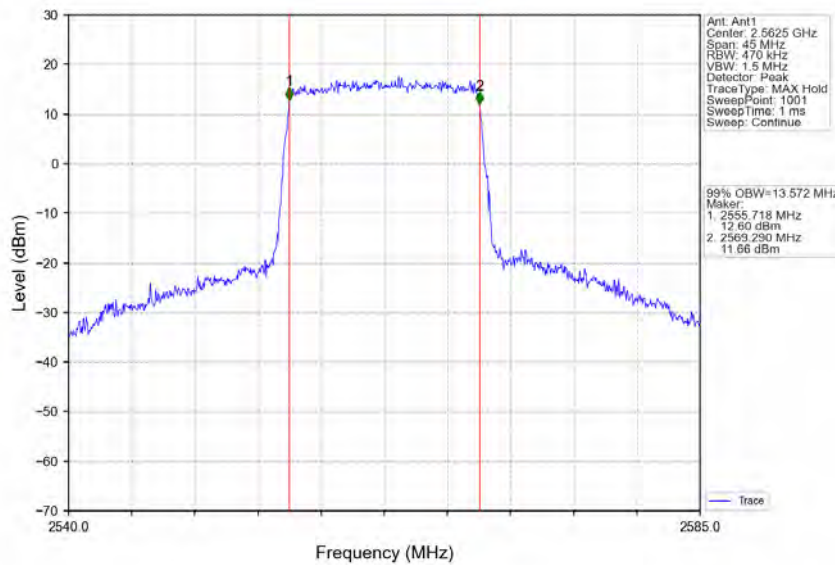
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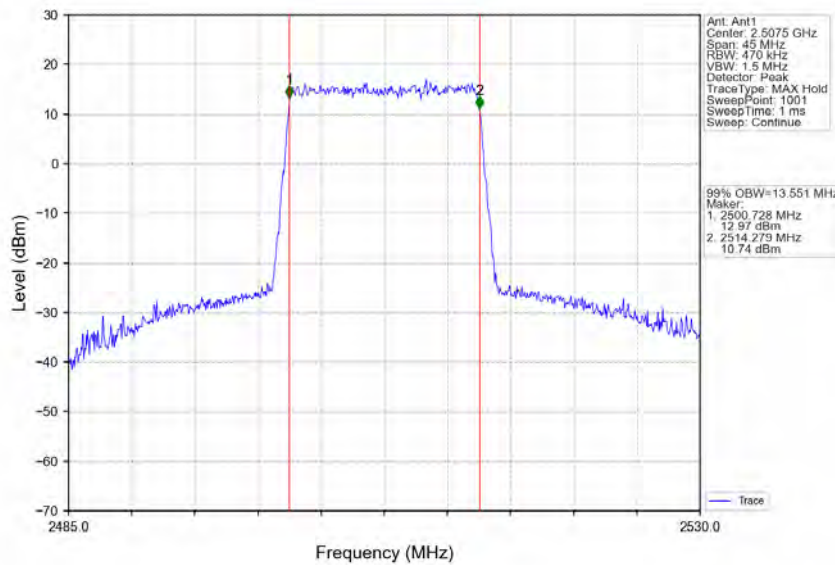
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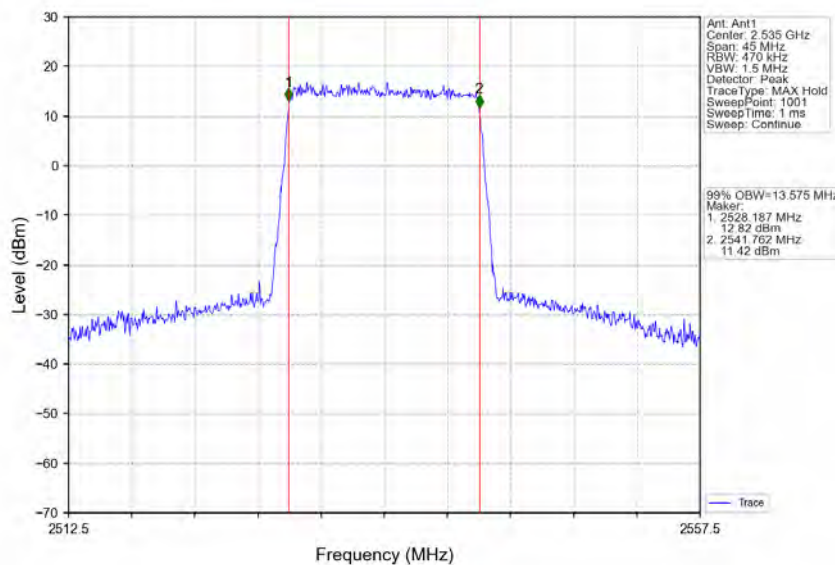
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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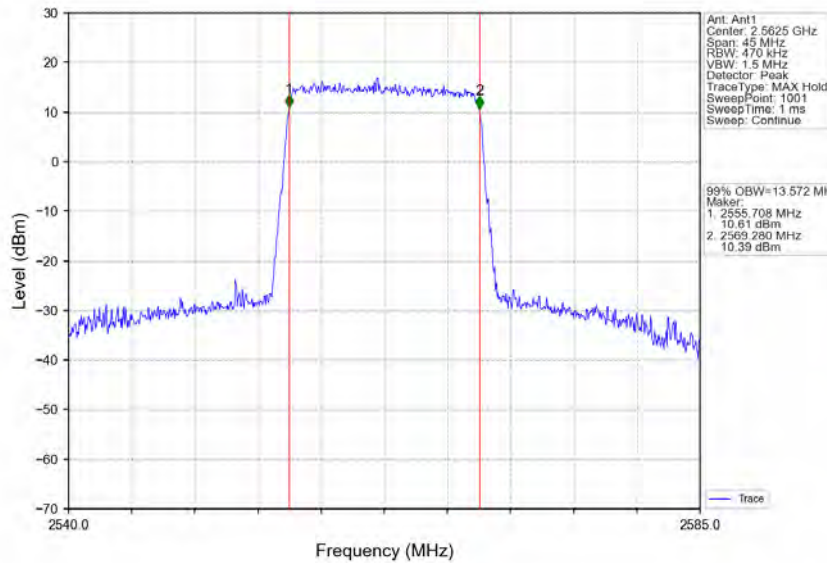
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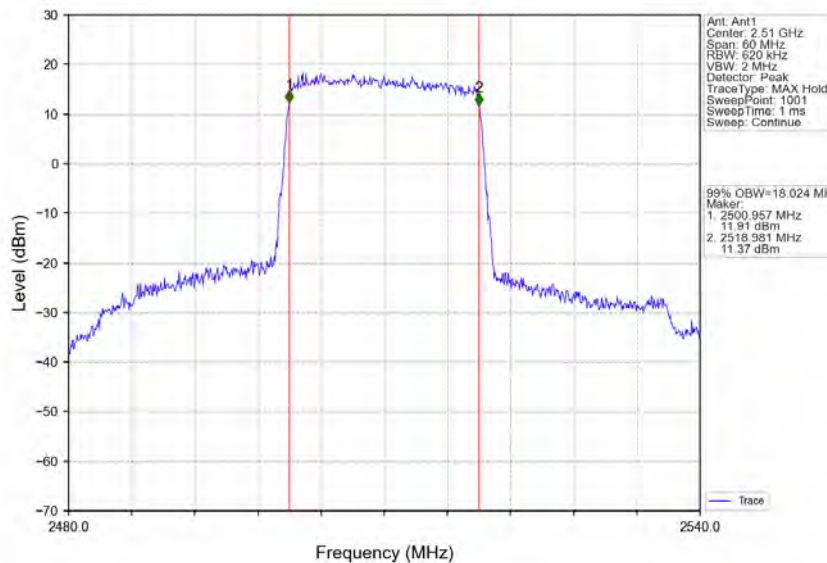
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Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



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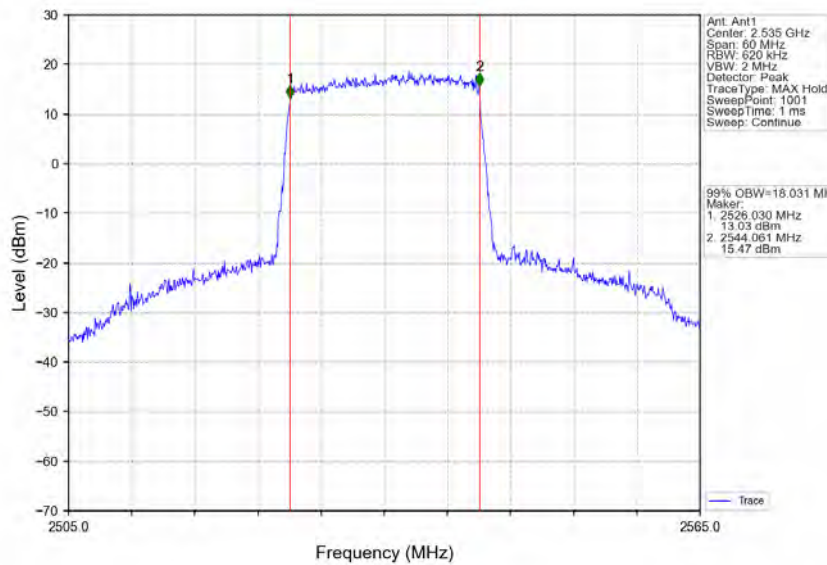
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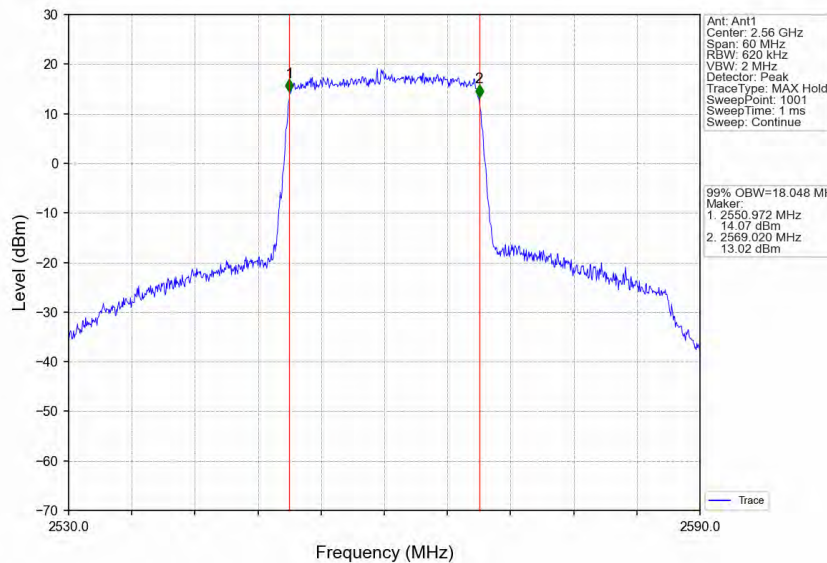
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



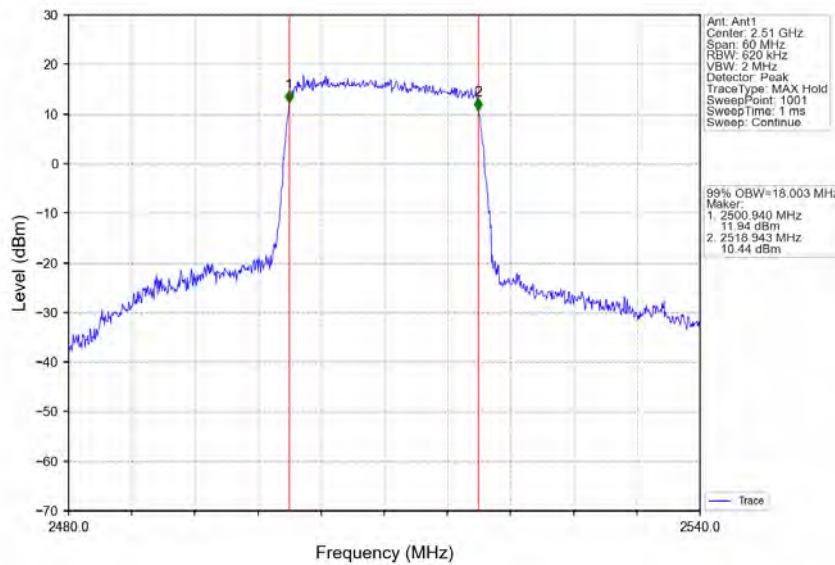
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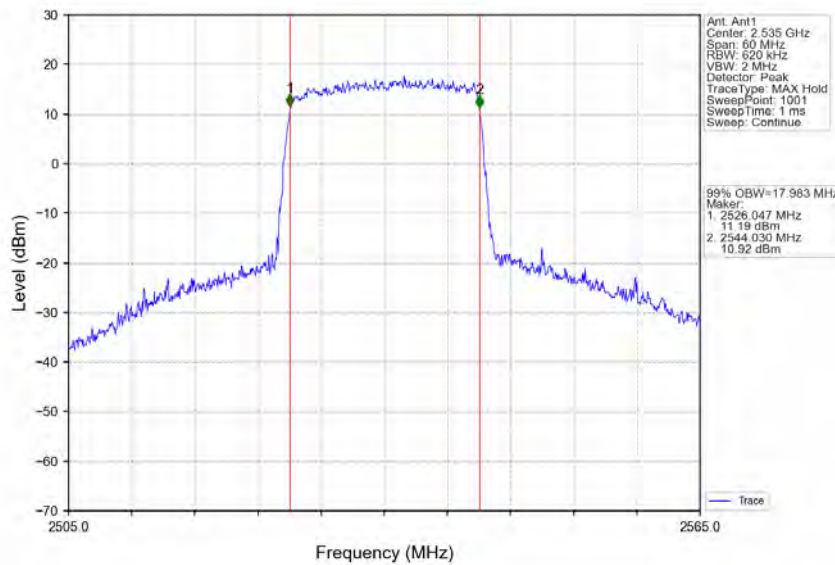
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Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



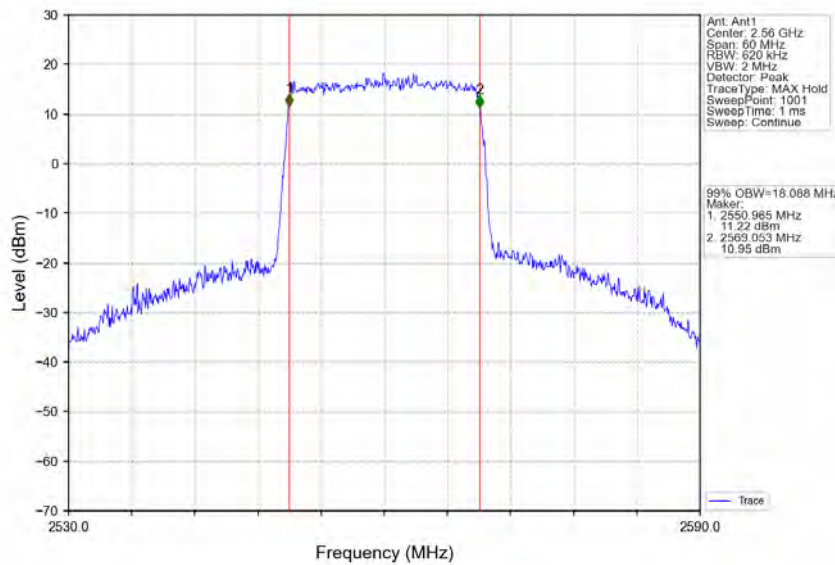
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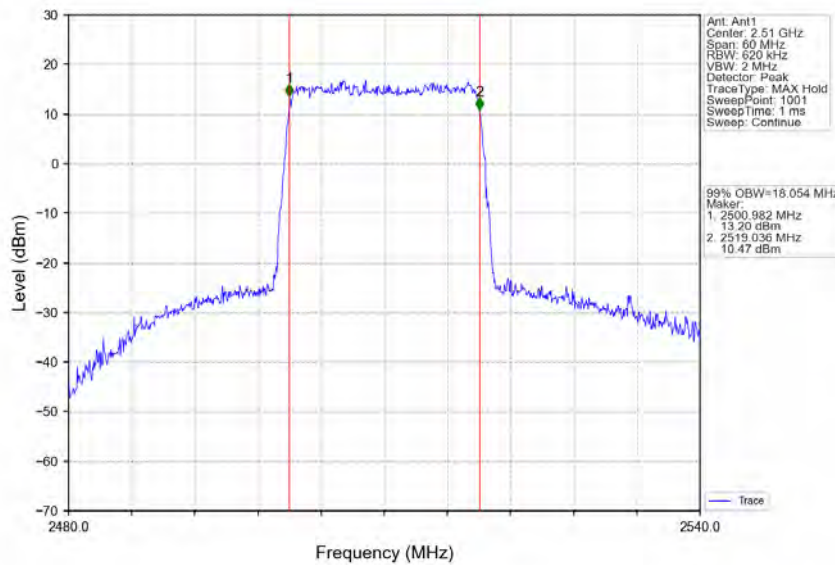
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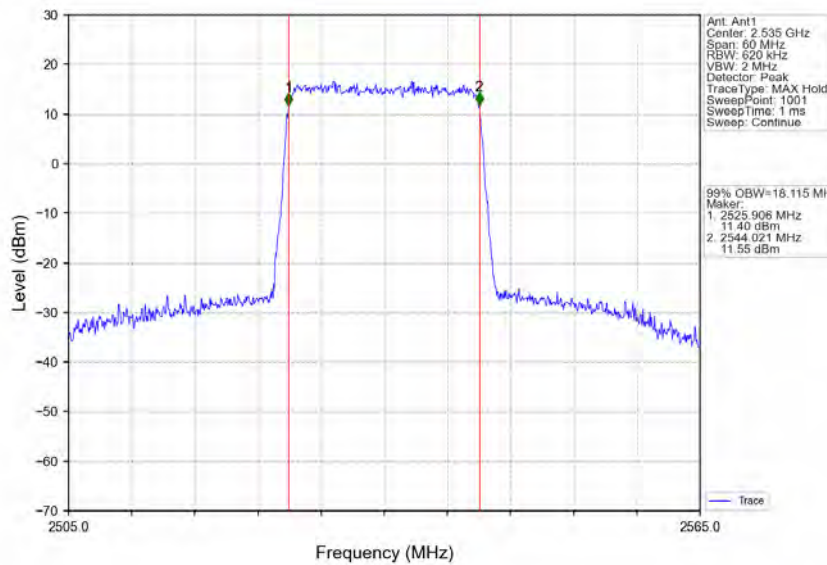
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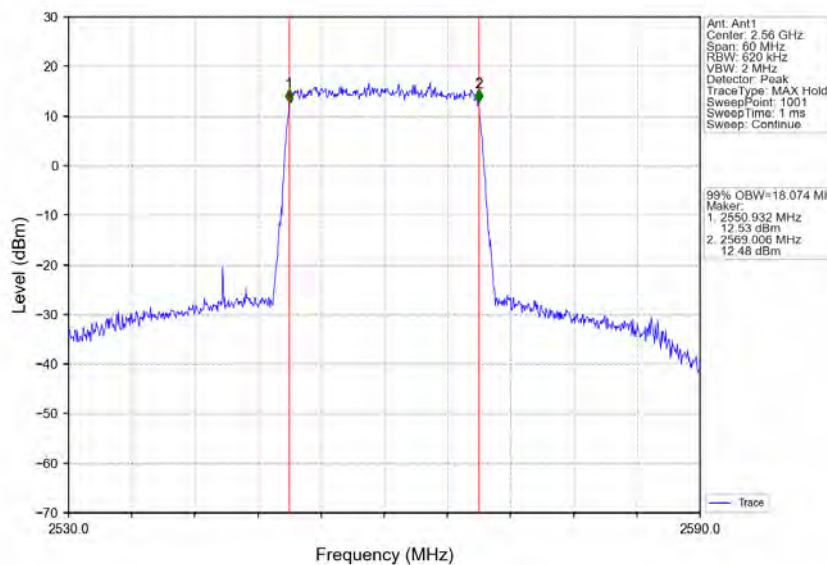
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Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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4.2 Band7_XDB

4.2.1 Test Result

Band: 7 / NTVN						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2502.5	25	0	5.058	Pass
		2535	25	0	5.065	Pass
		2567.5	25	0	5.124	Pass
	16QAM	2502.5	25	0	5.076	Pass
		2535	25	0	5.123	Pass
		2567.5	25	0	5.108	Pass
	64QAM	2502.5	25	0	5.022	Pass
		2535	25	0	4.986	Pass
		2567.5	25	0	5.002	Pass
10	QPSK	2505	50	0	10.033	Pass
		2535	50	0	10.021	Pass
		2565	50	0	9.983	Pass
	16QAM	2505	50	0	10.022	Pass
		2535	50	0	9.934	Pass
		2565	50	0	9.976	Pass
	64QAM	2505	50	0	9.837	Pass
		2535	50	0	9.939	Pass
		2565	50	0	9.961	Pass
15	QPSK	2507.5	75	0	14.987	Pass
		2535	75	0	14.946	Pass
		2562.5	75	0	14.919	Pass
	16QAM	2507.5	75	0	14.877	Pass
		2535	75	0	14.928	Pass
		2562.5	75	0	14.946	Pass
	64QAM	2507.5	75	0	14.800	Pass
		2535	75	0	14.916	Pass
		2562.5	75	0	14.911	Pass
20	QPSK	2510	100	0	19.795	Pass
		2535	100	0	19.720	Pass
		2560	100	0	19.763	Pass
	16QAM	2510	100	0	19.723	Pass
		2535	100	0	19.752	Pass
		2560	100	0	19.638	Pass
	64QAM	2510	100	0	19.863	Pass
		2535	100	0	19.695	Pass
		2560	100	0	19.603	Pass



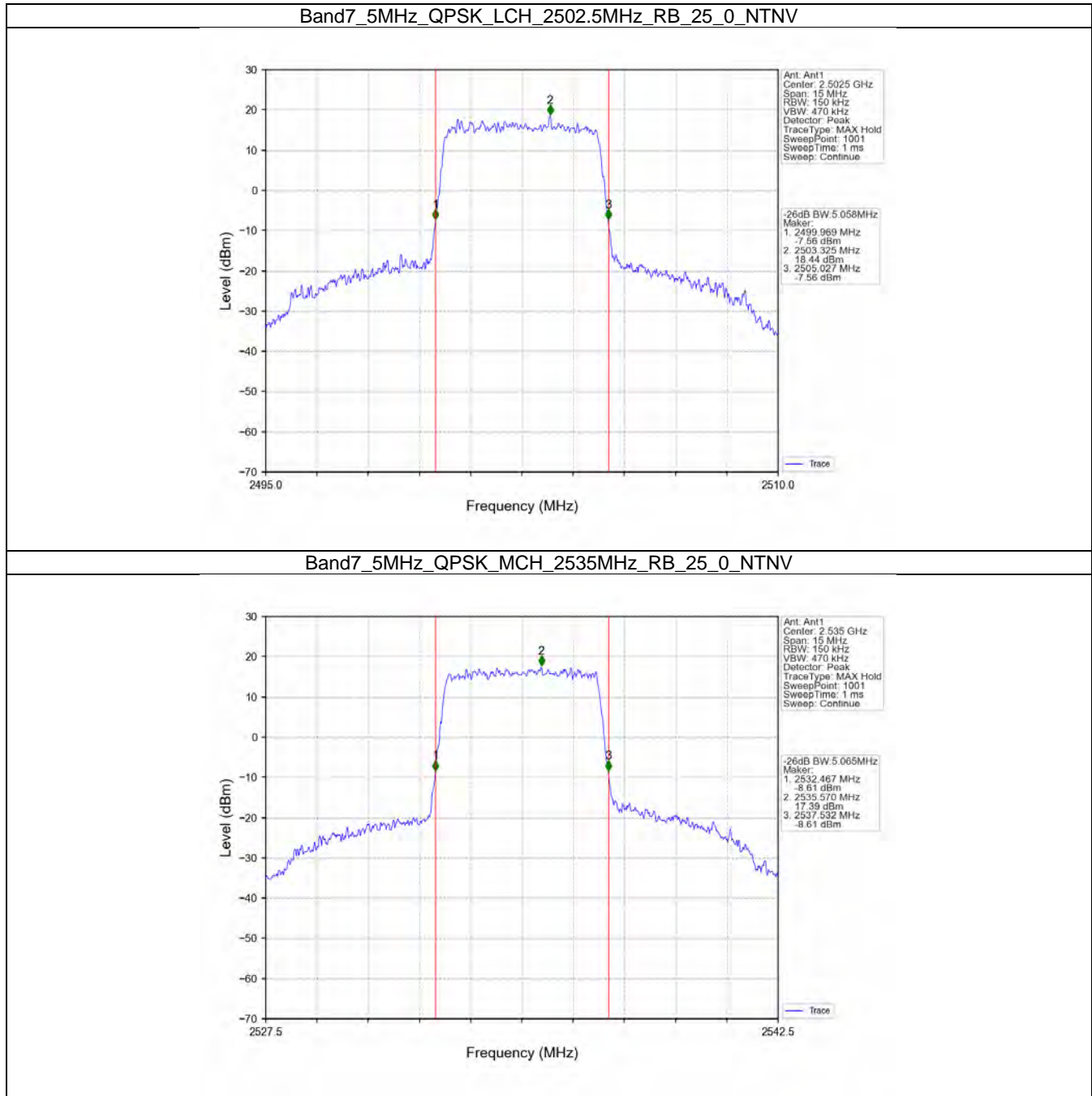
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4.2.2 Test Graph



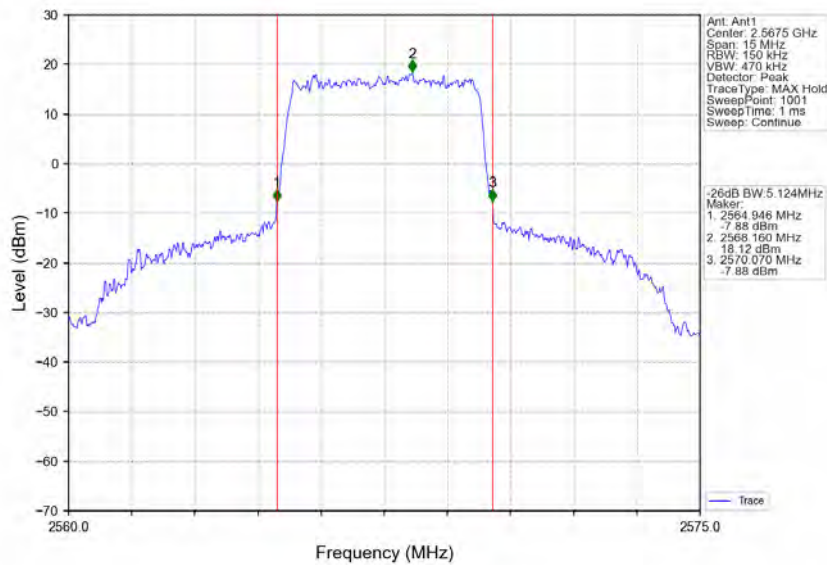
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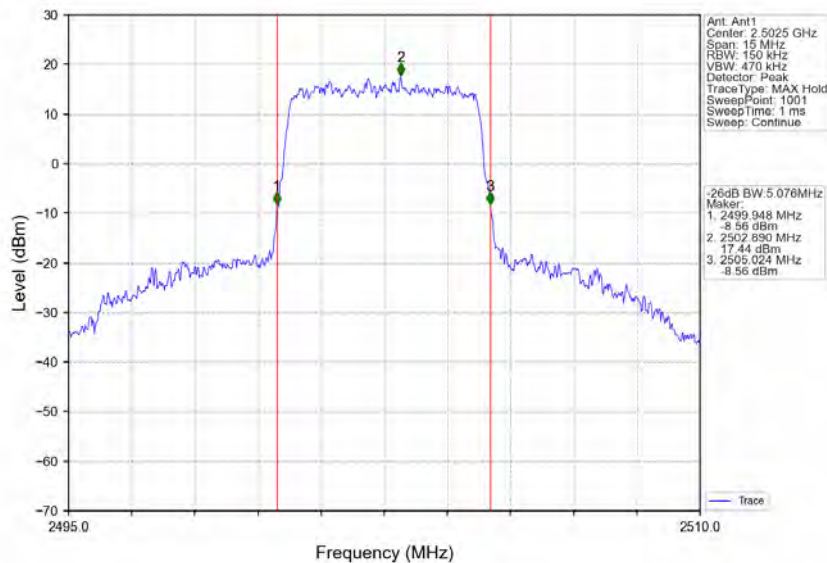
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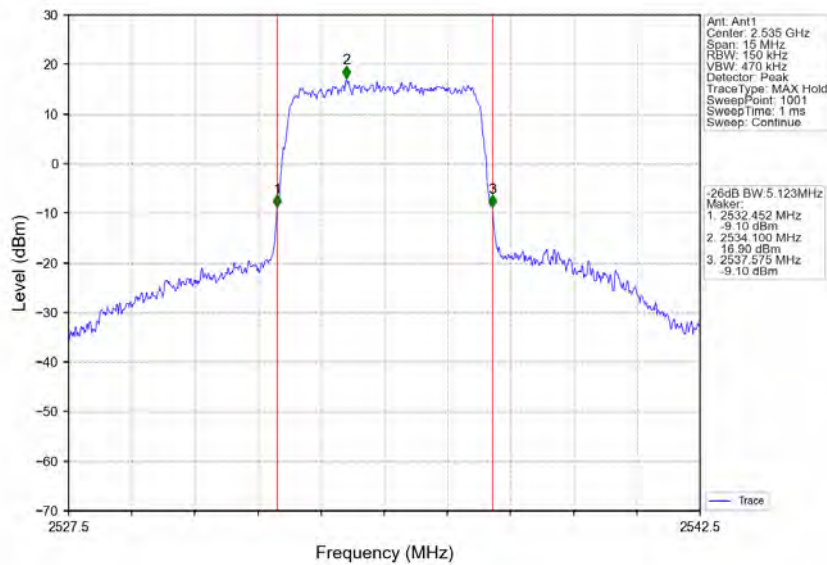
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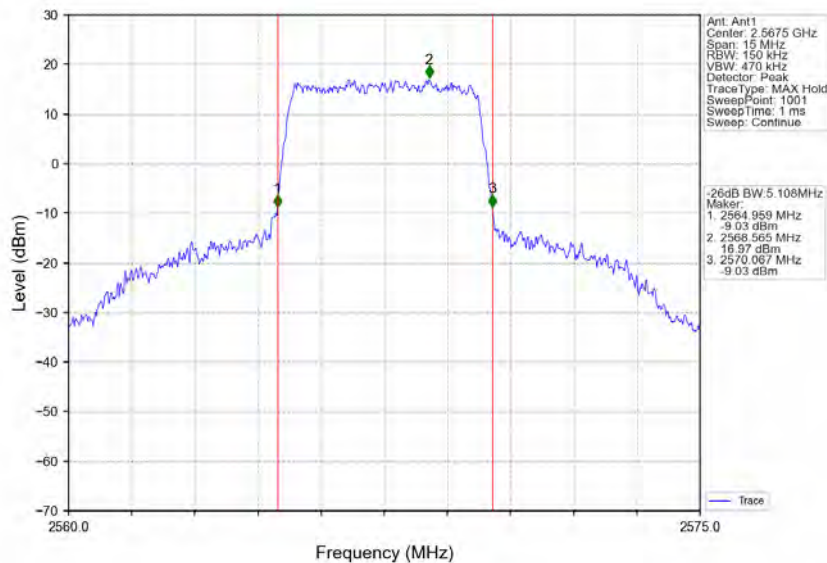
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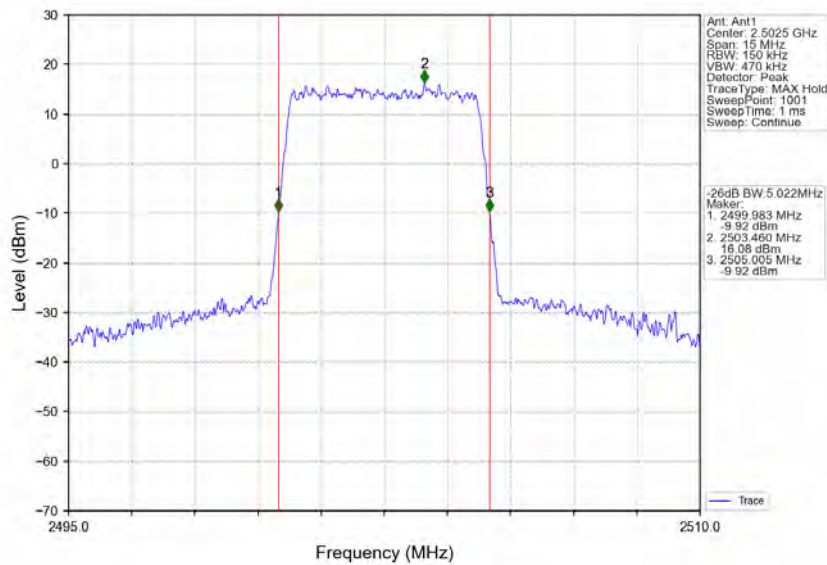
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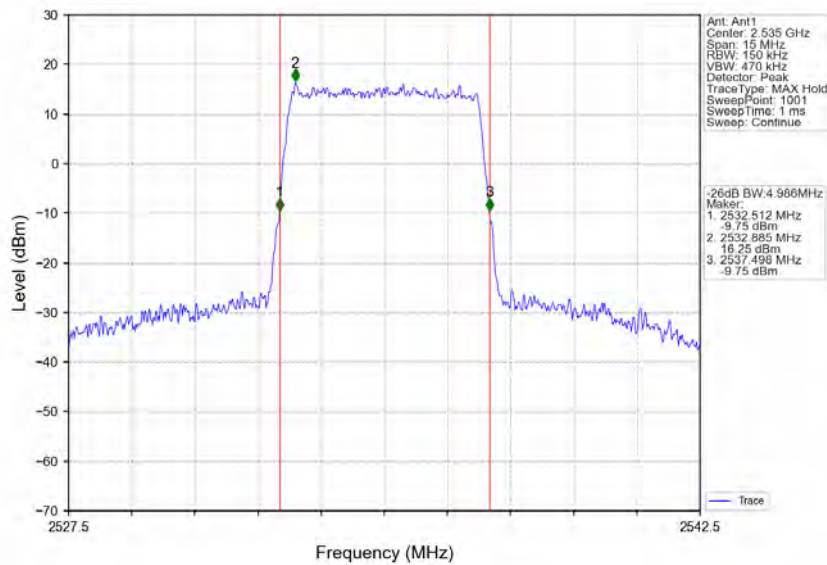
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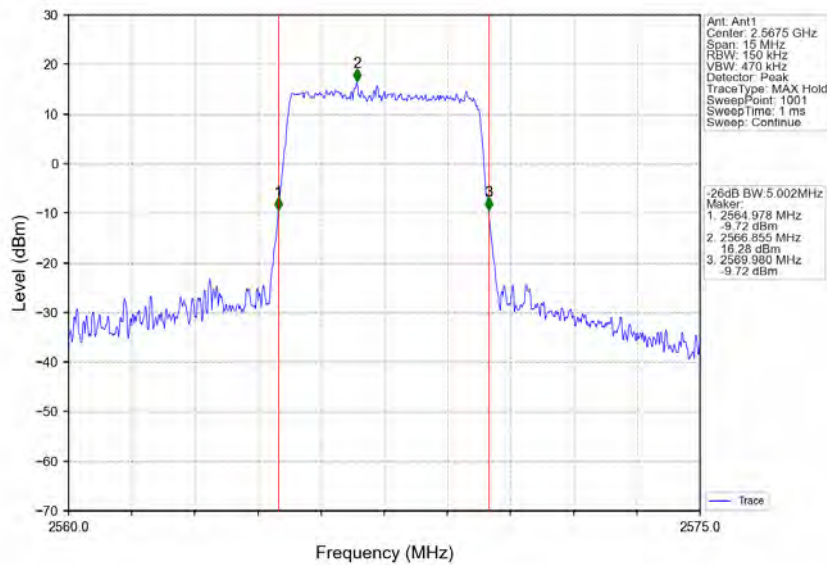
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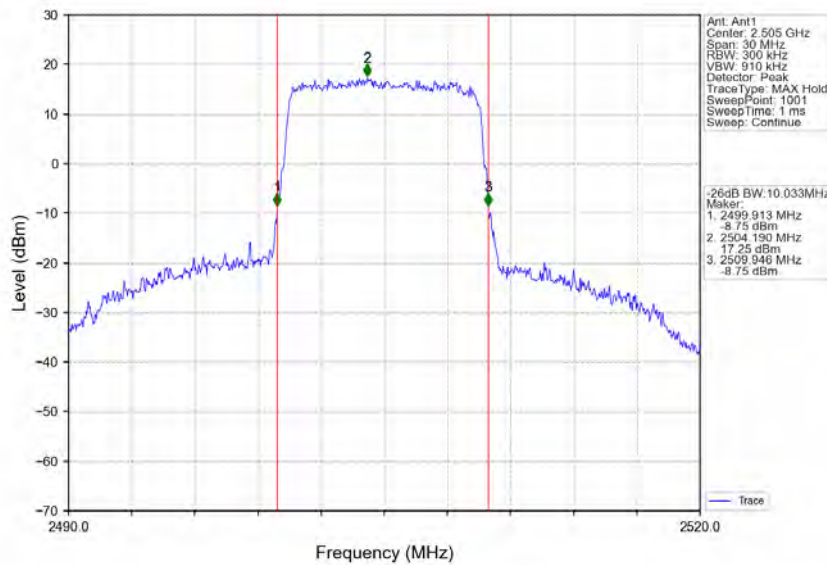
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



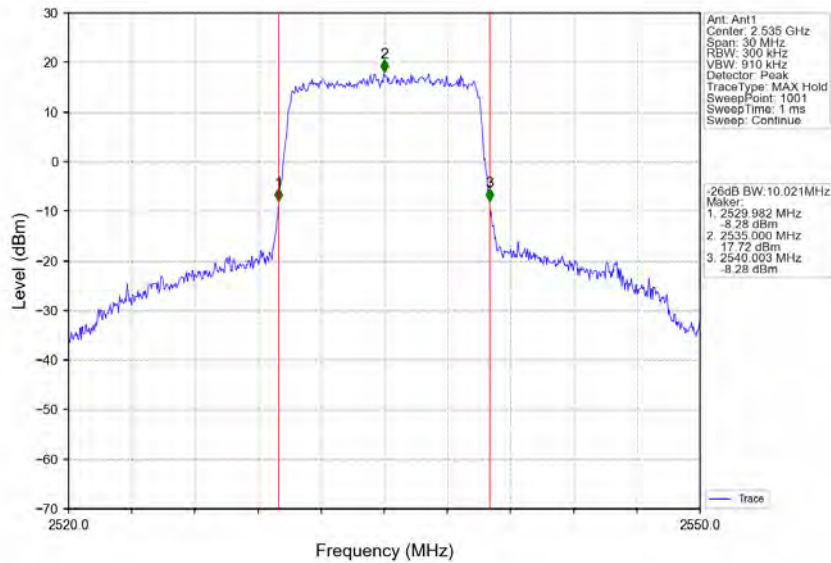
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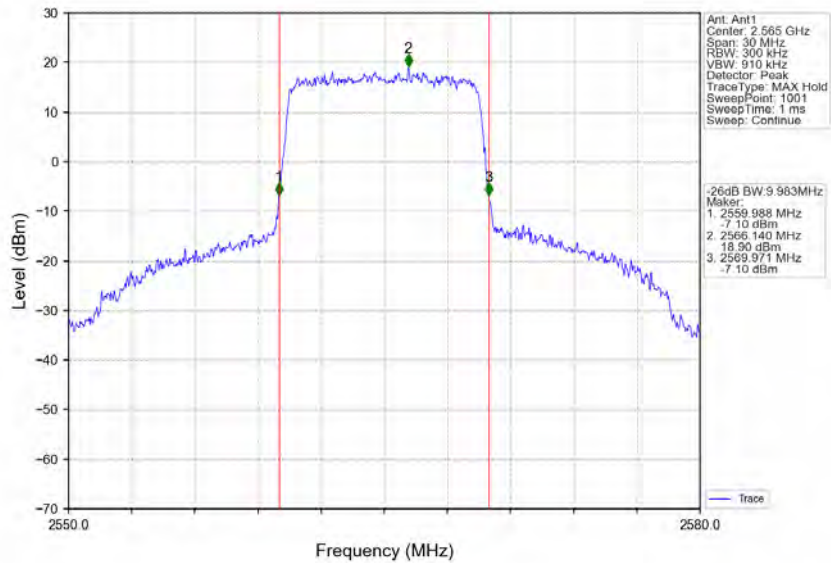
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Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



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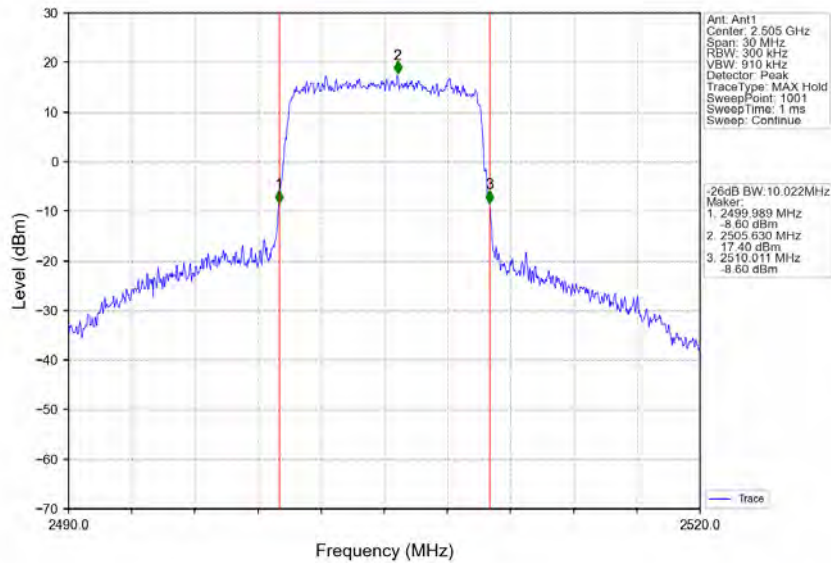
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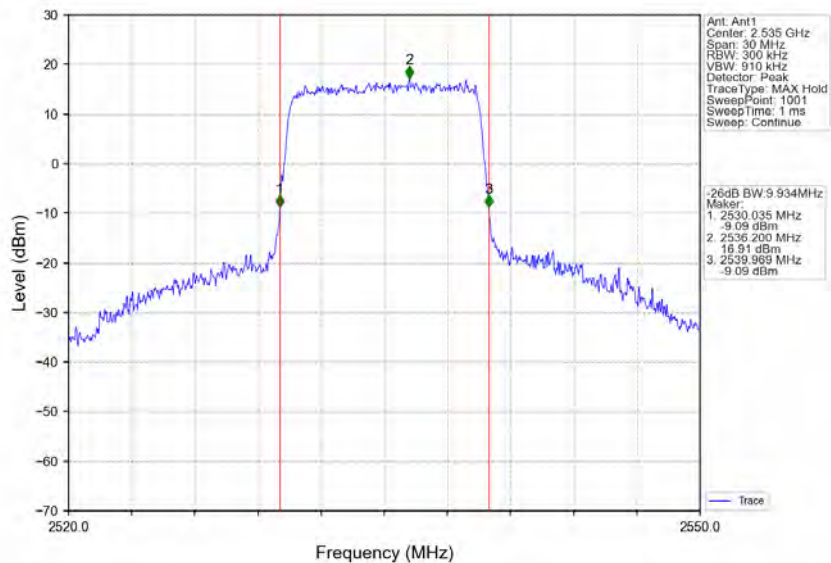
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



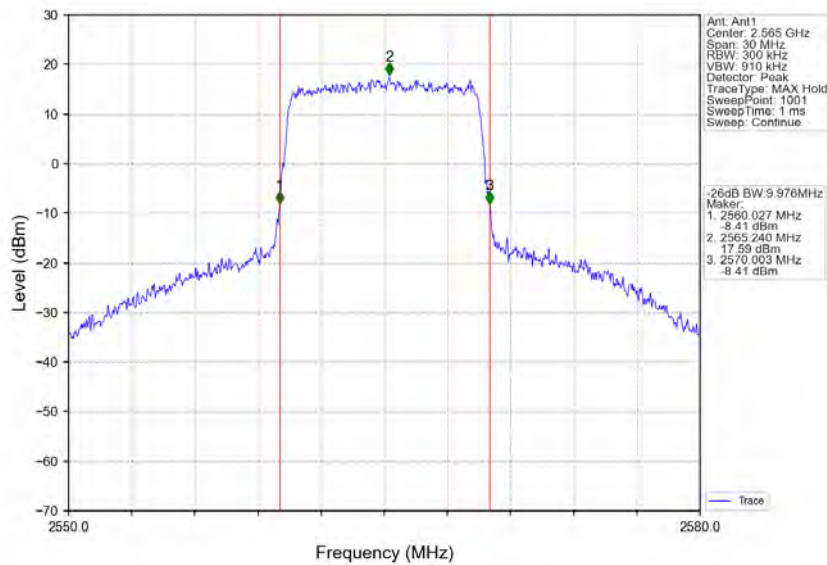
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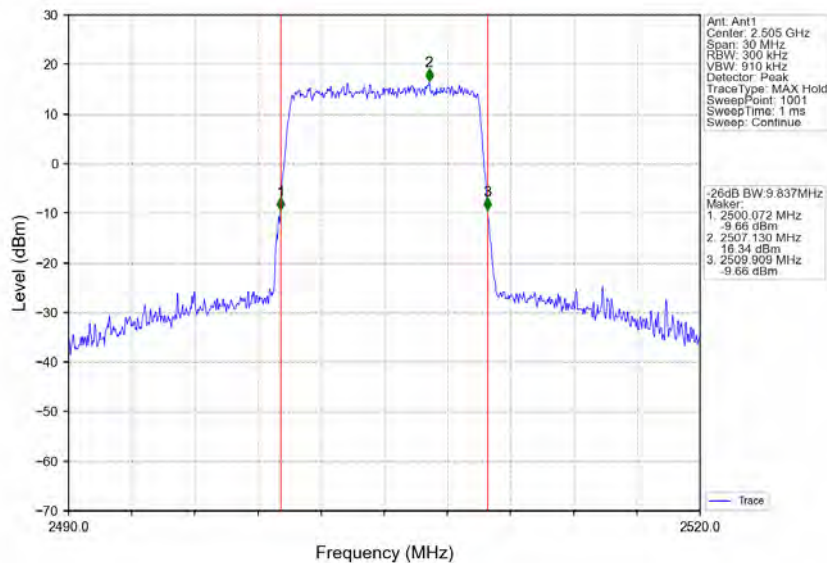
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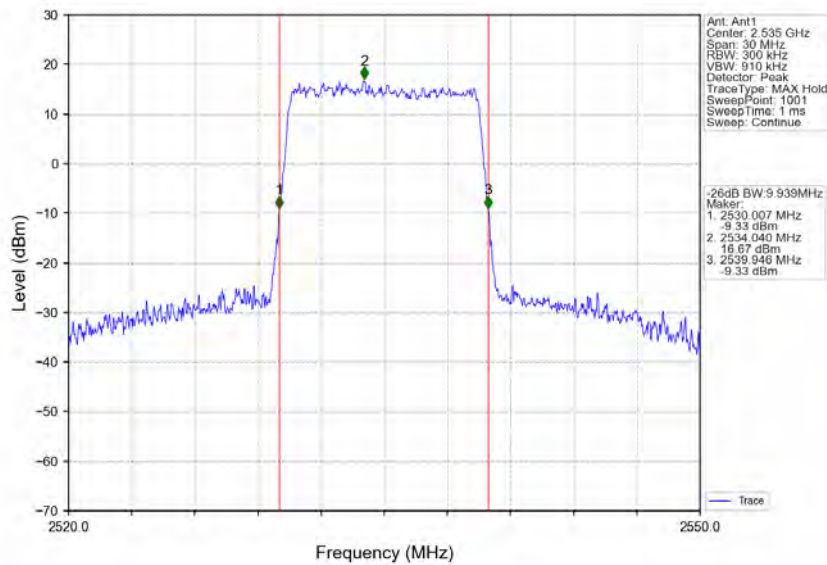
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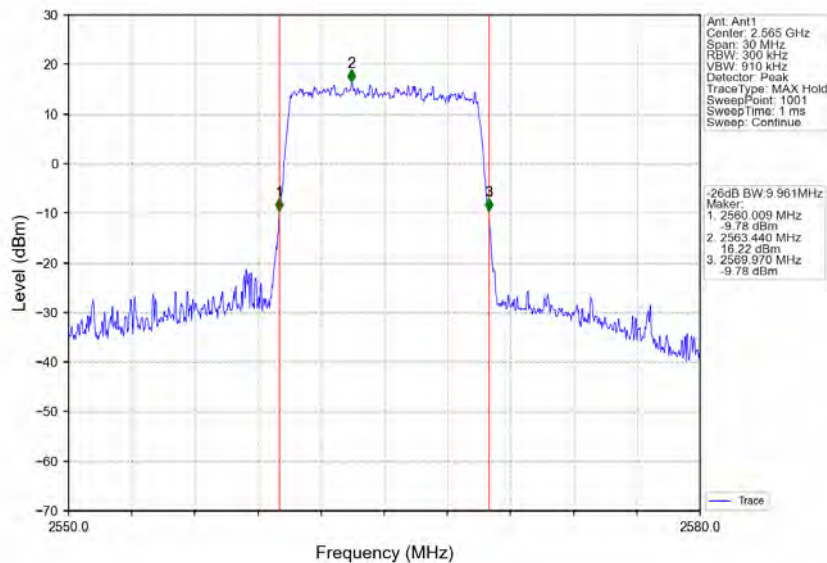
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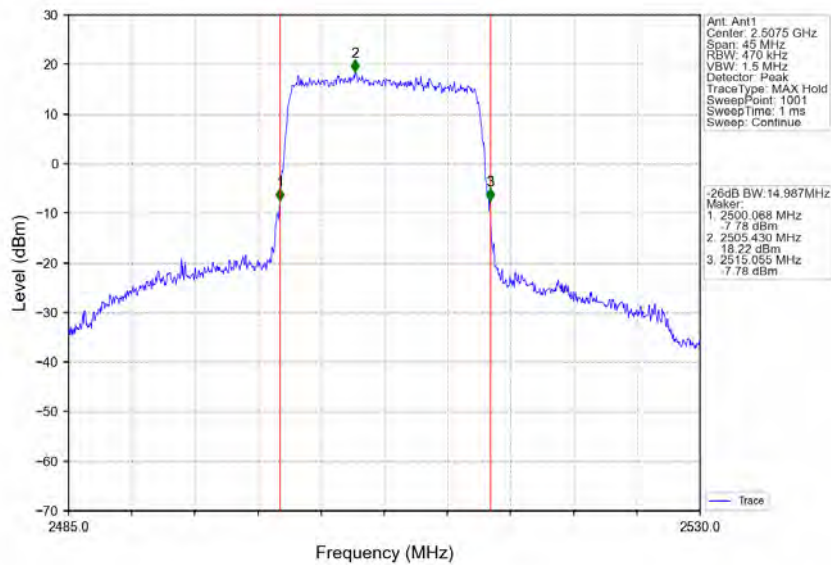
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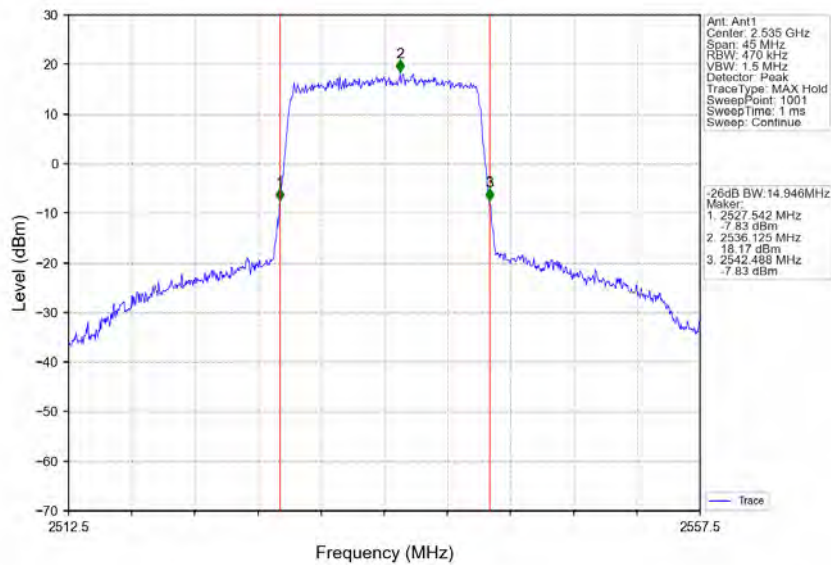
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Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



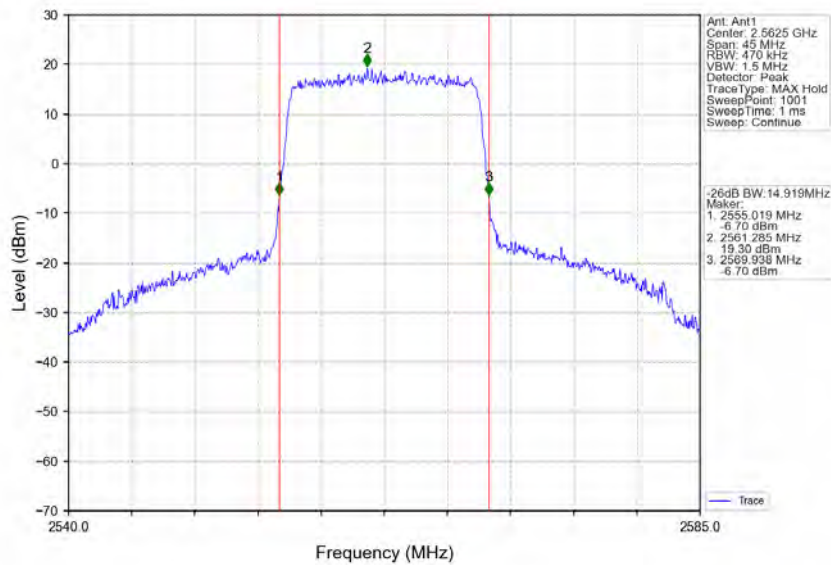
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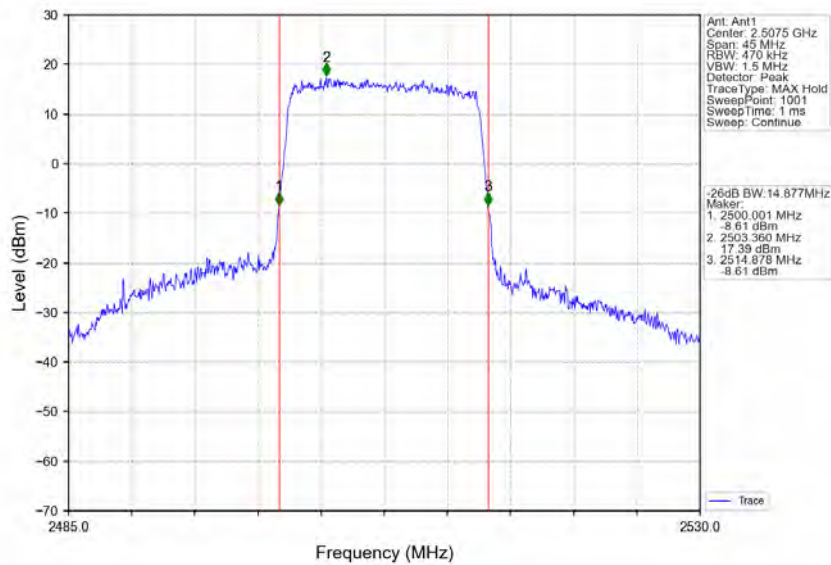
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



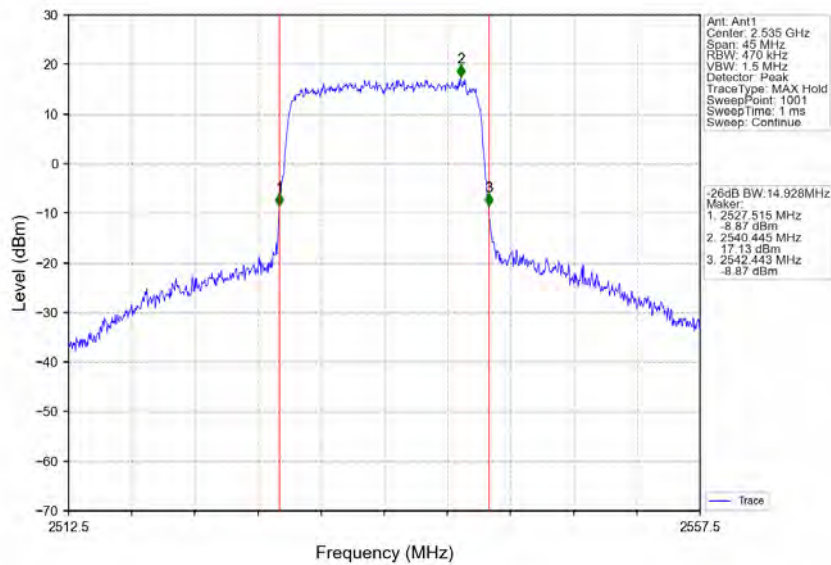
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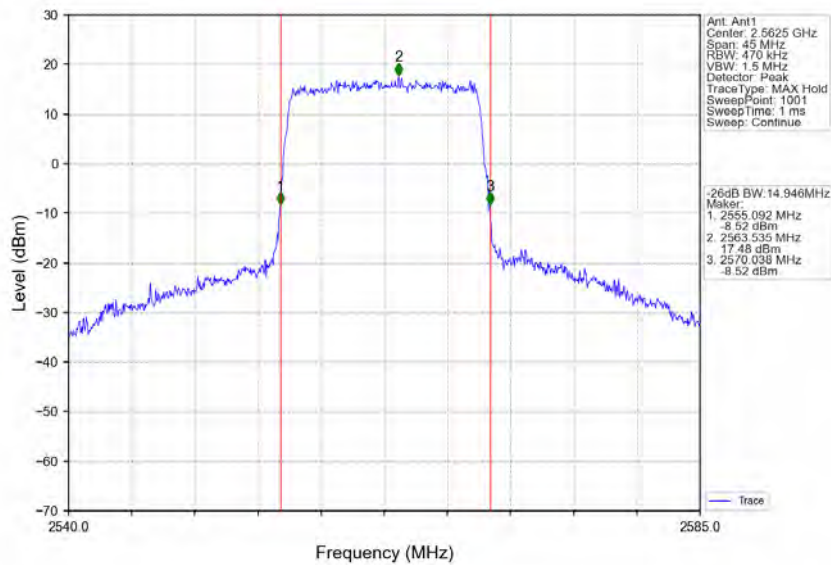
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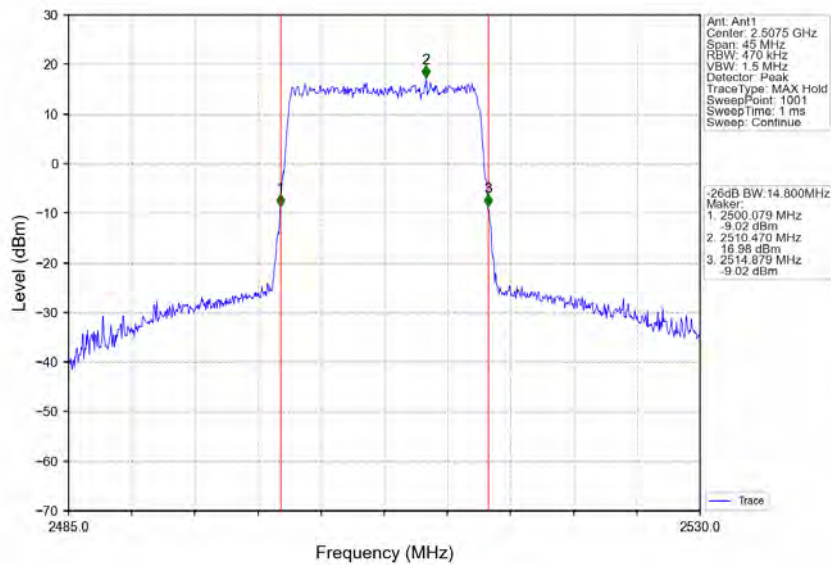
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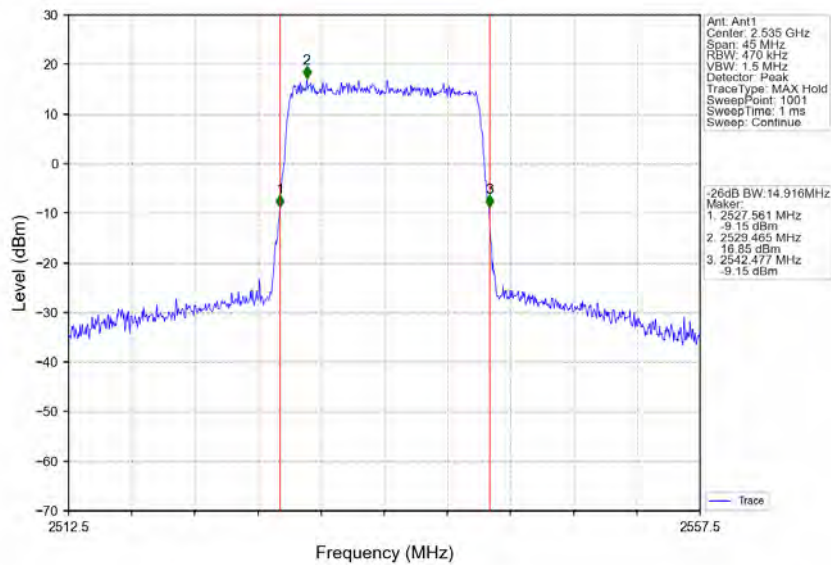
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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



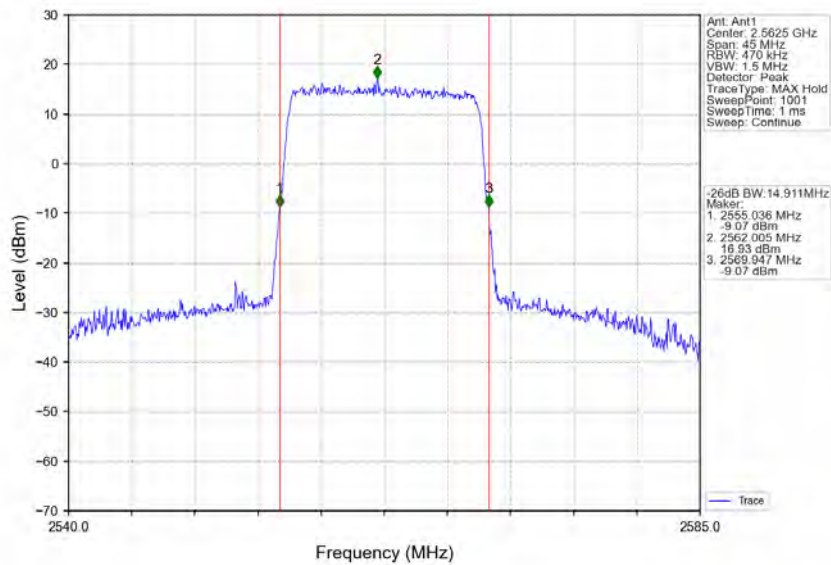
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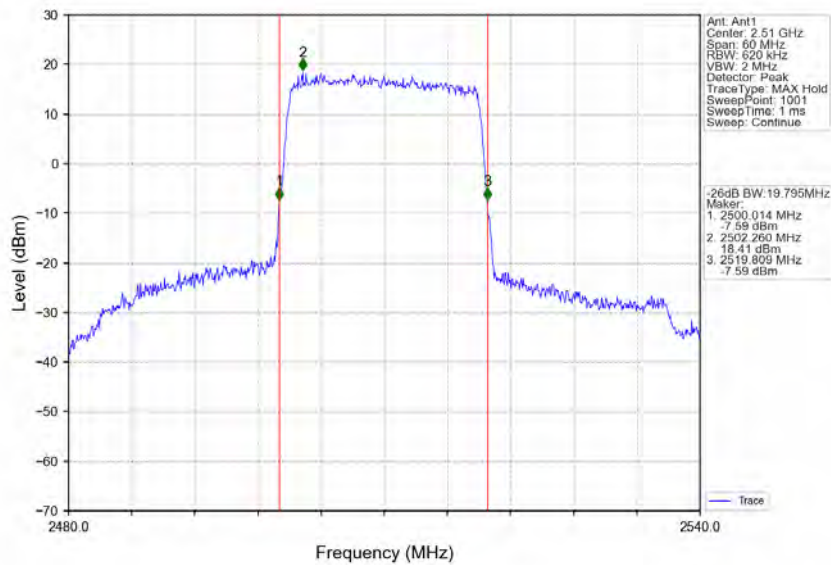
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Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



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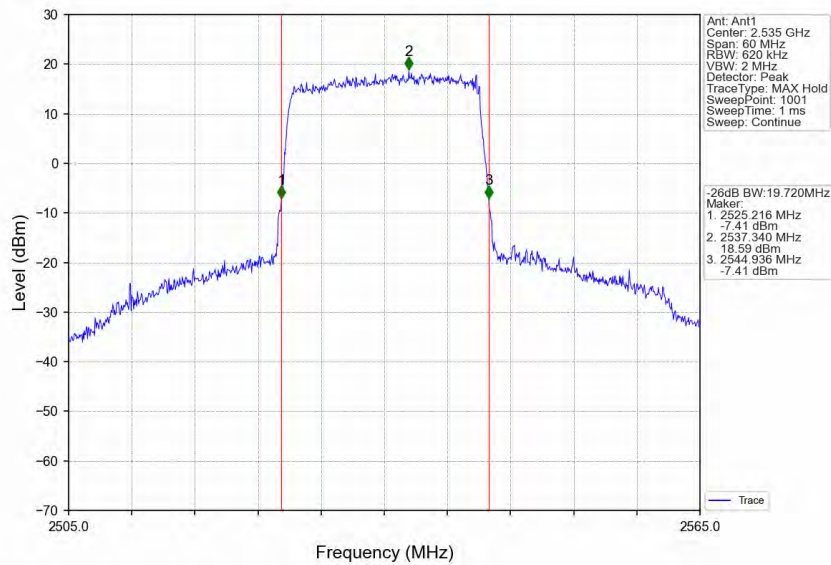
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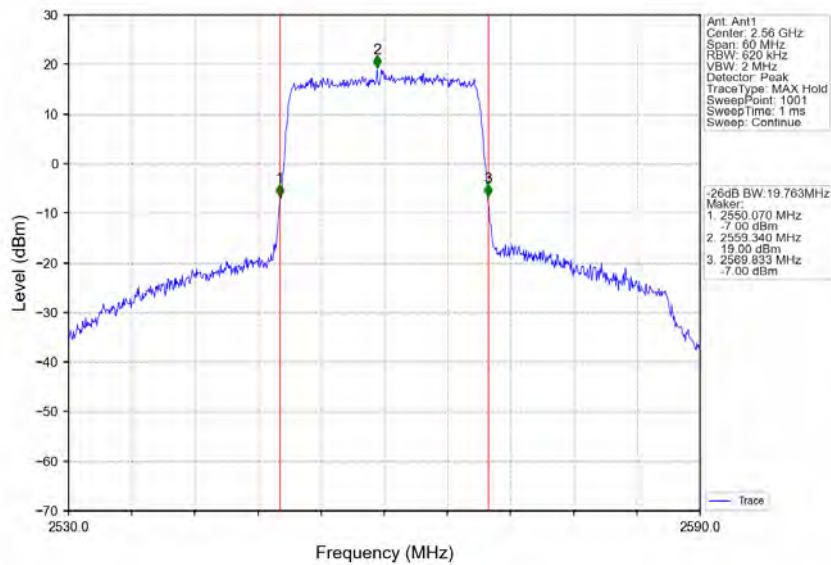
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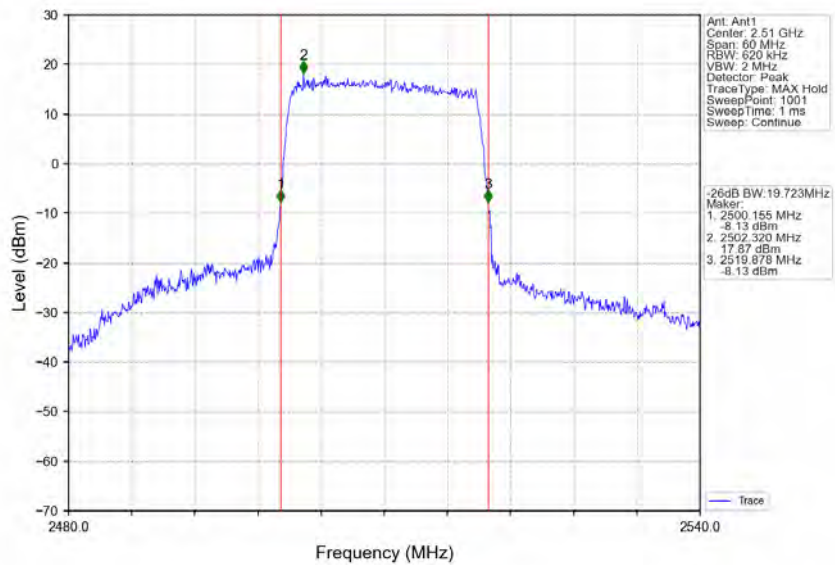
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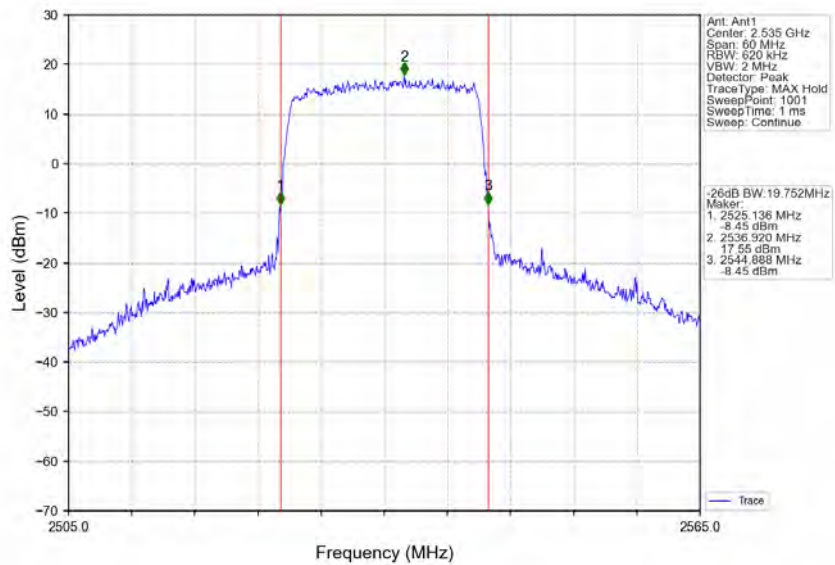
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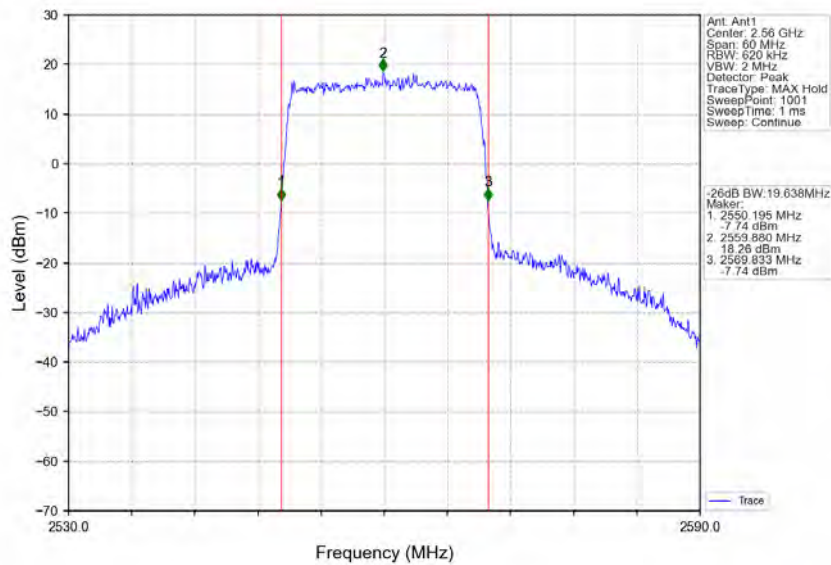
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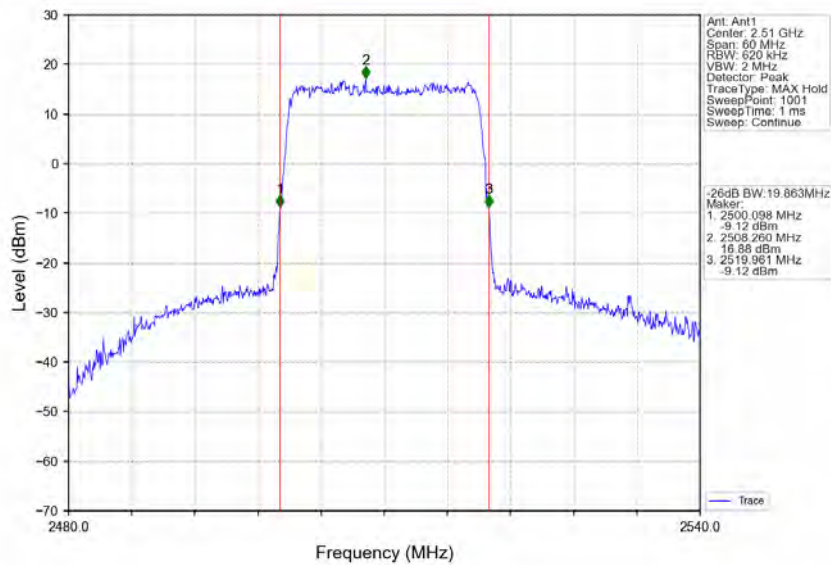
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Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



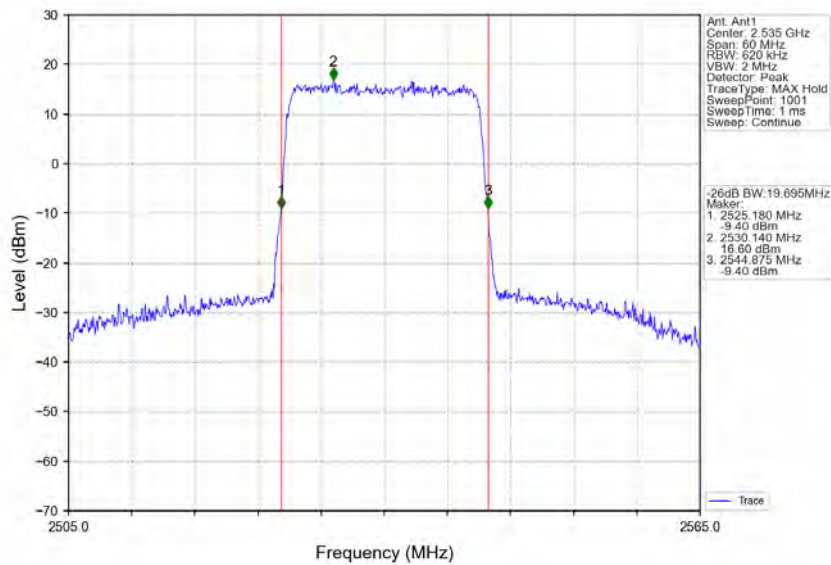
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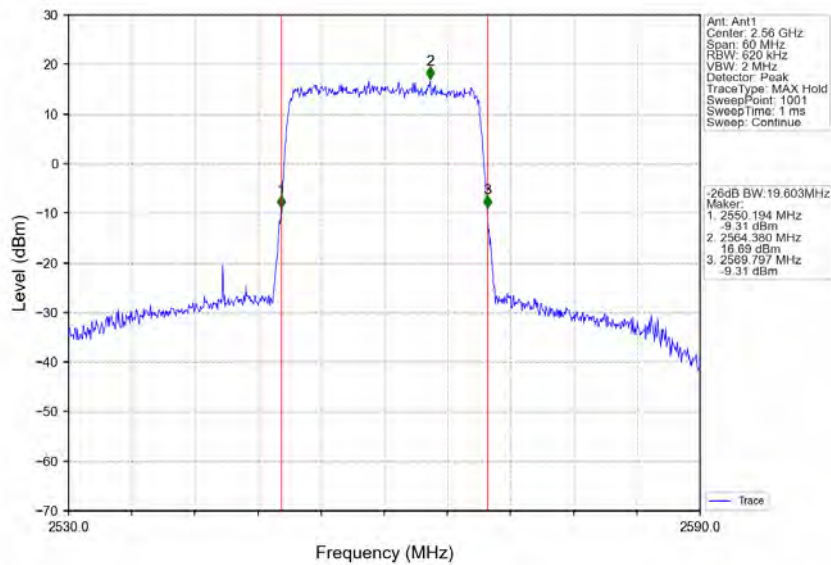
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Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B7_5MHz

5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	4.59	<=13	Pass
	2535	25	0	4.72	<=13	Pass
	2567.5	25	0	4.22	<=13	Pass
16QAM	2502.5	25	0	5.33	<=13	Pass
	2535	25	0	5.56	<=13	Pass
	2567.5	25	0	5.05	<=13	Pass
64QAM	2502.5	25	0	6.64	<=13	Pass
	2535	25	0	6.61	<=13	Pass
	2567.5	25	0	6.64	<=13	Pass



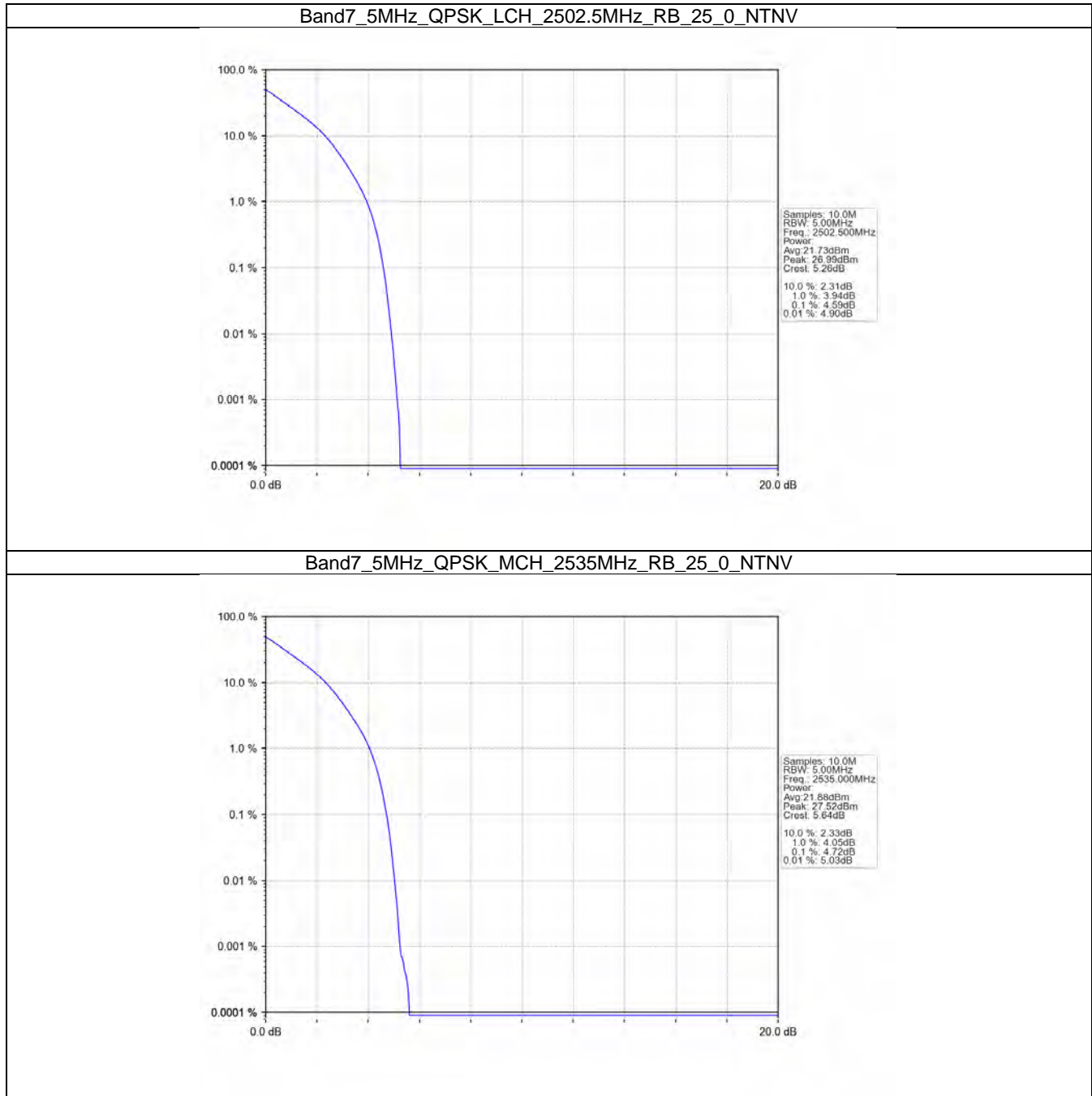
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5.1.2 Test Graph



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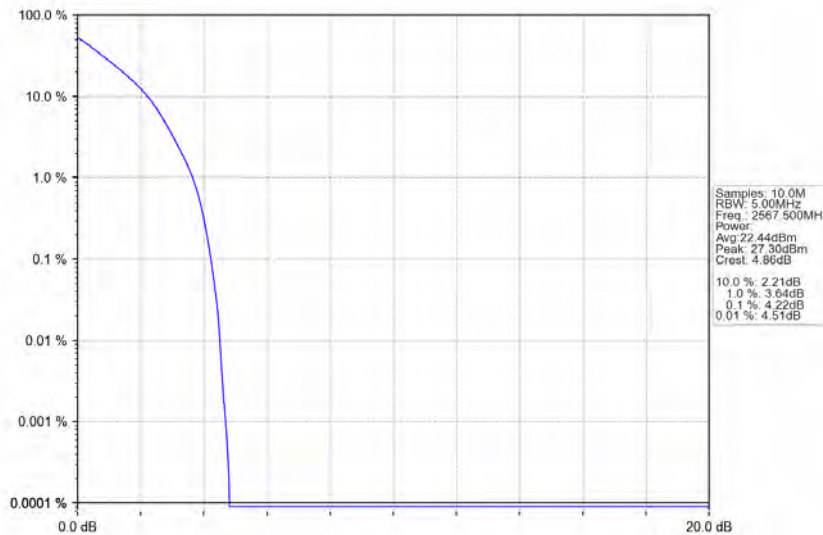
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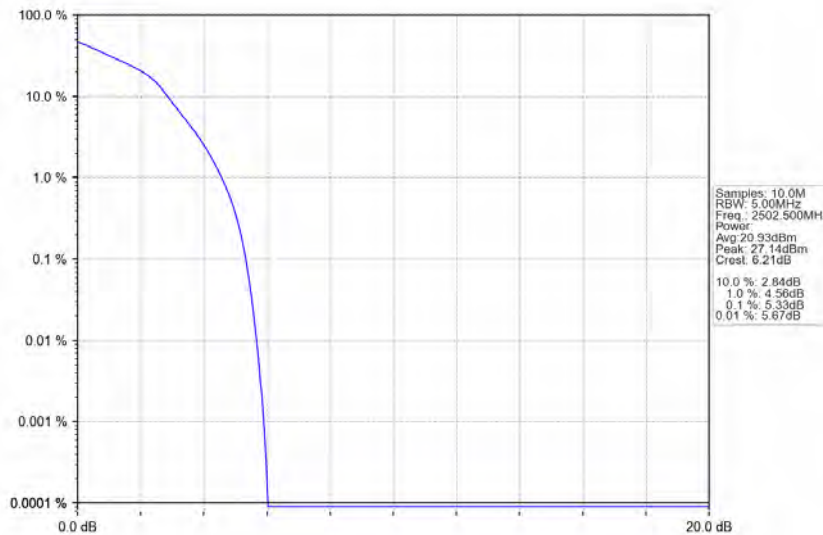
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



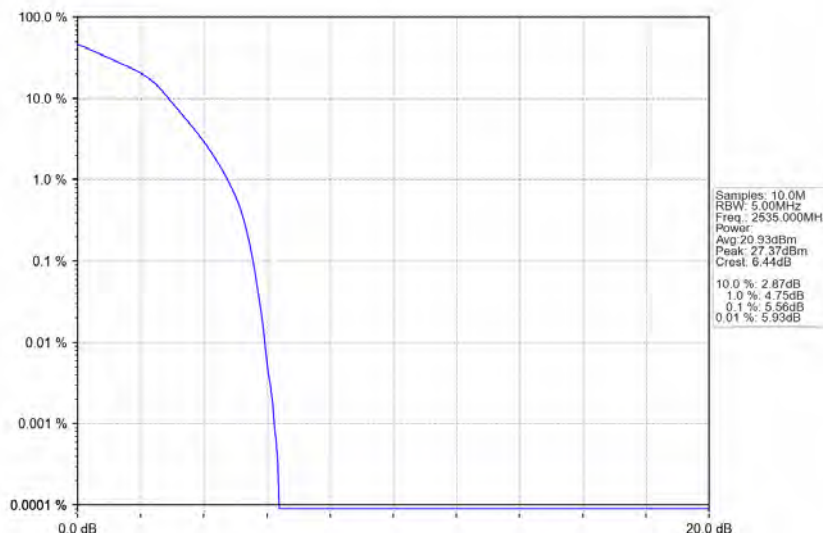
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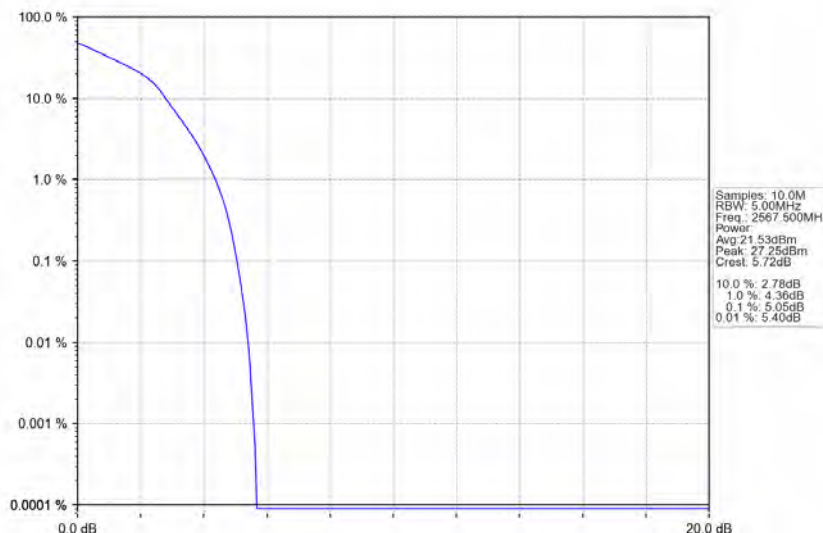
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

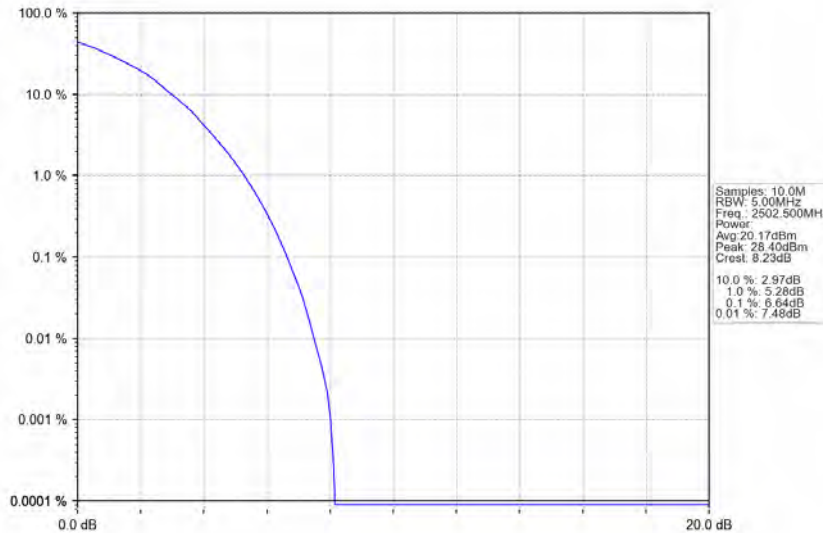


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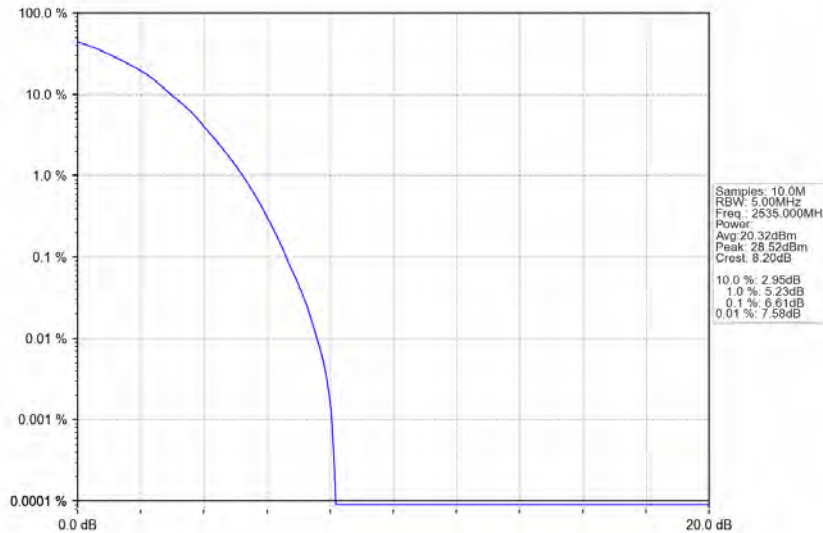
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



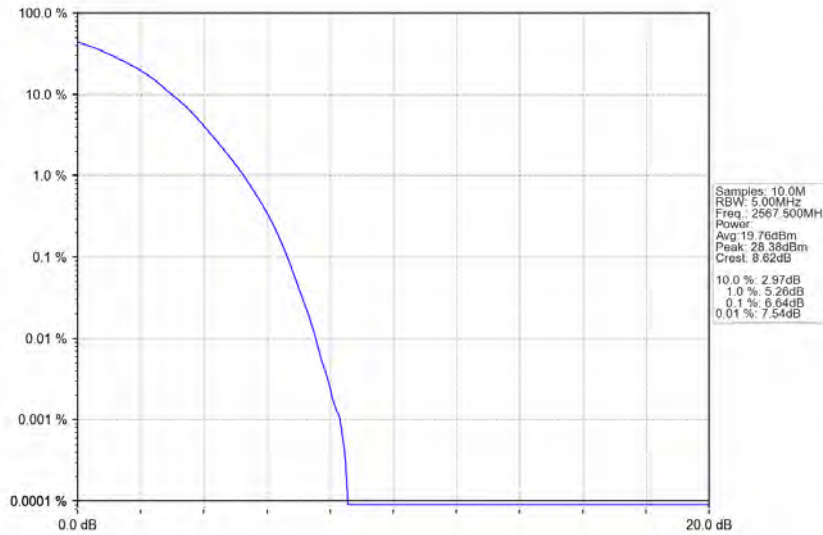
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



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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	5.40	<=13	Pass
	2535	50	0	5.40	<=13	Pass
	2565	50	0	5.36	<=13	Pass
16QAM	2505	50	0	6.43	<=13	Pass
	2535	50	0	6.36	<=13	Pass
	2565	50	0	6.35	<=13	Pass
64QAM	2505	50	0	6.76	<=13	Pass
	2535	50	0	6.70	<=13	Pass
	2565	50	0	6.72	<=13	Pass

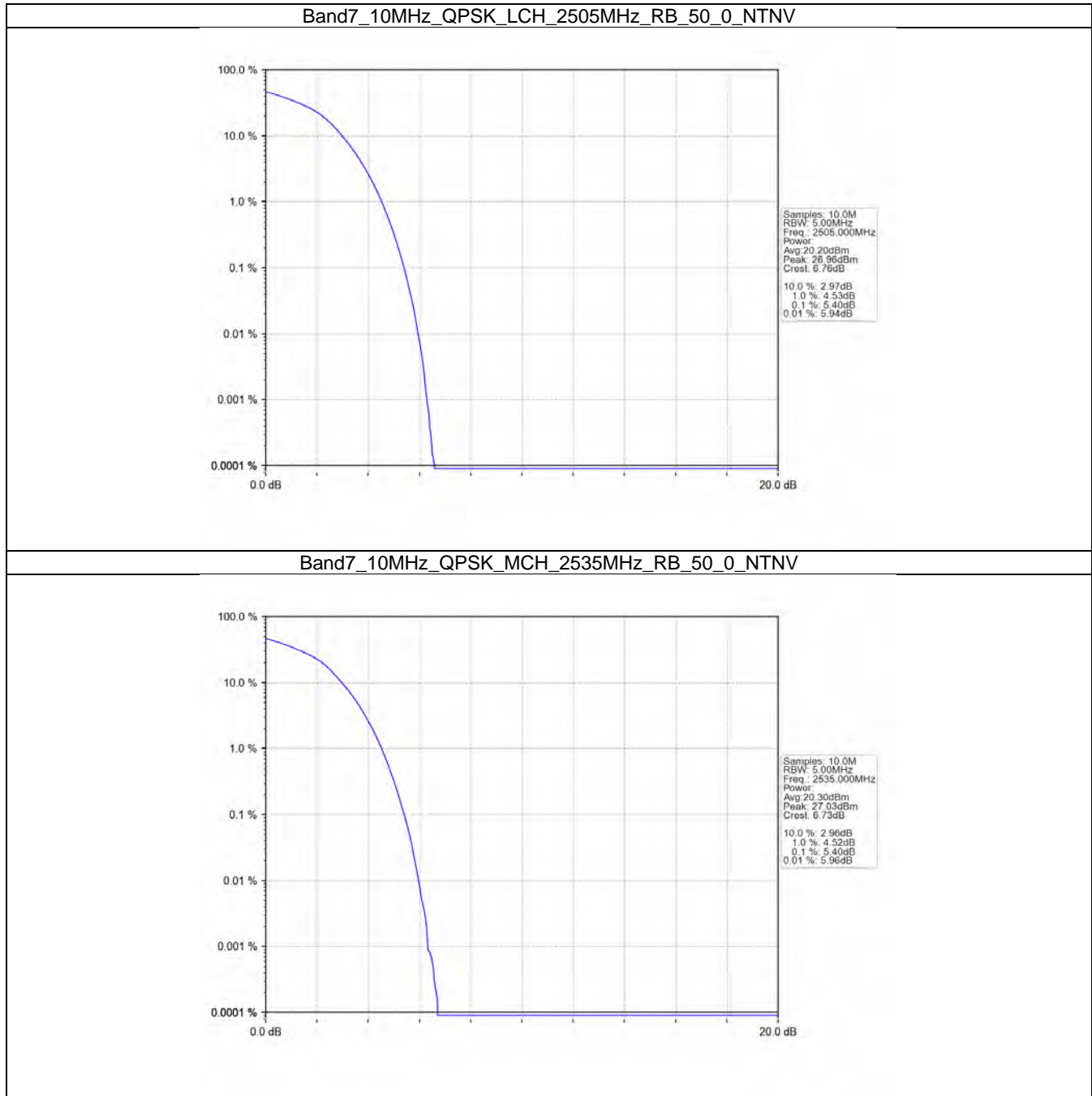


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5.2.2 Test Graph



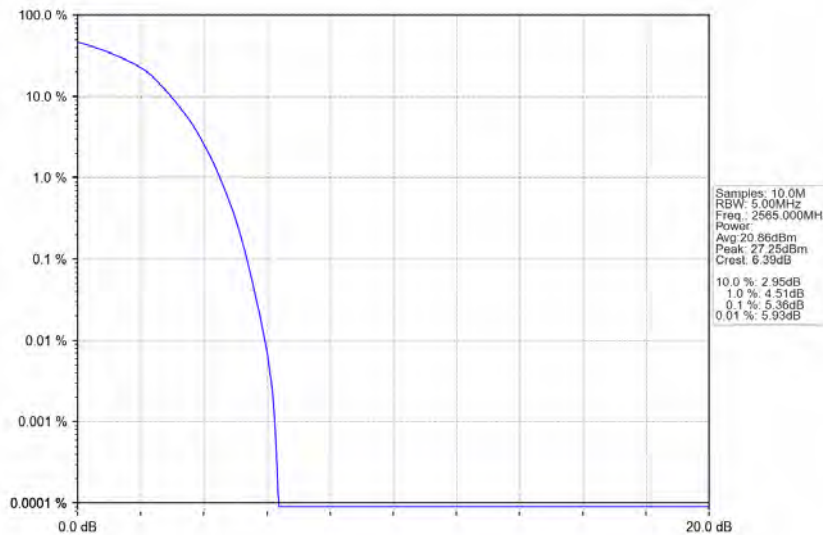
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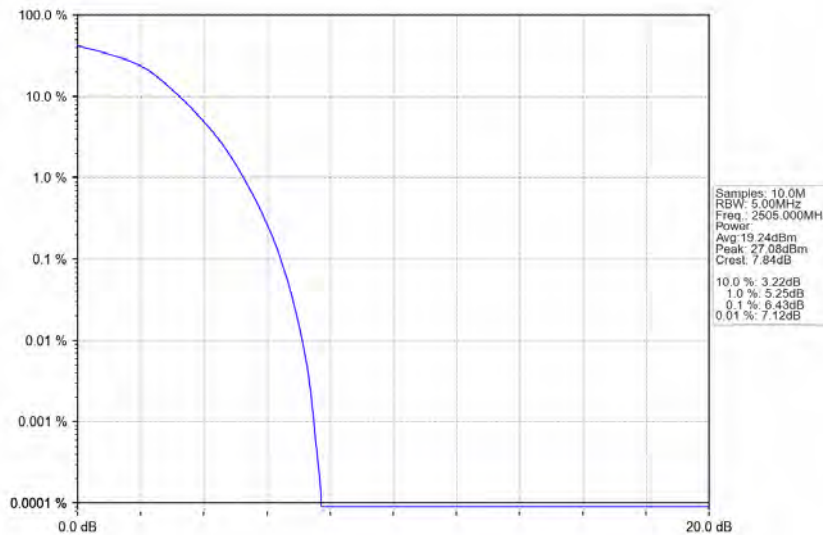
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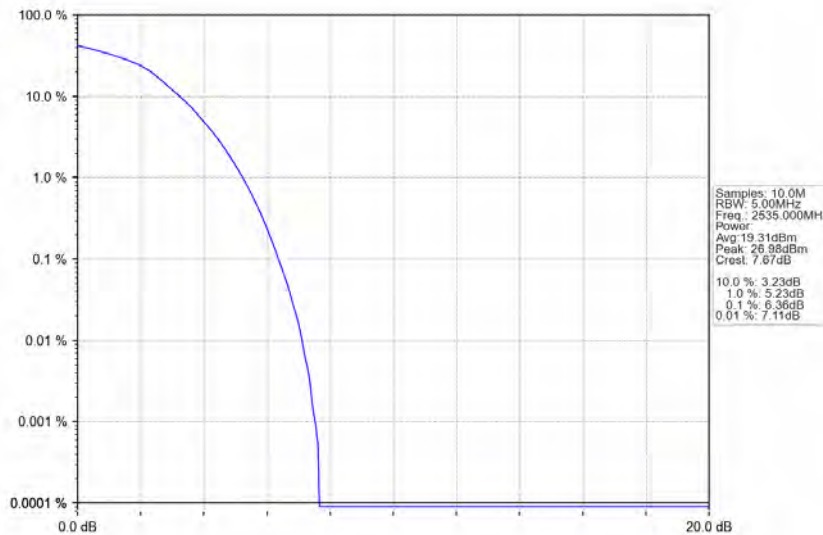
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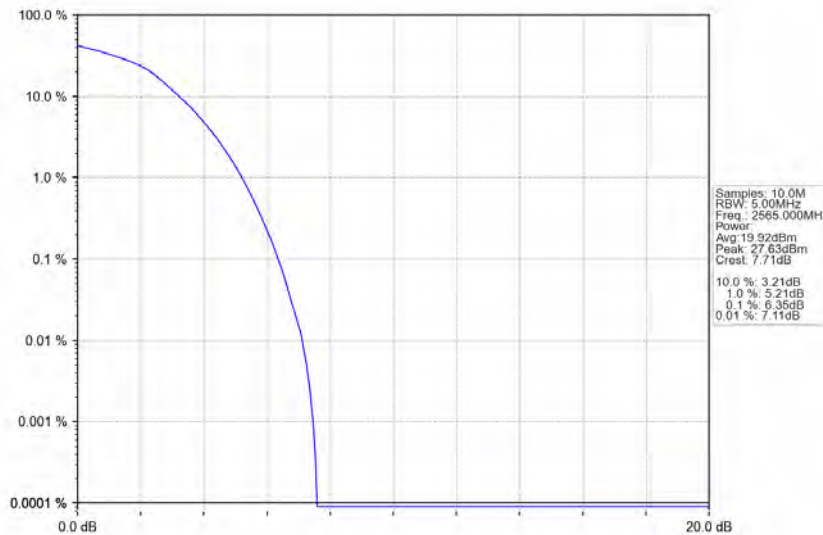
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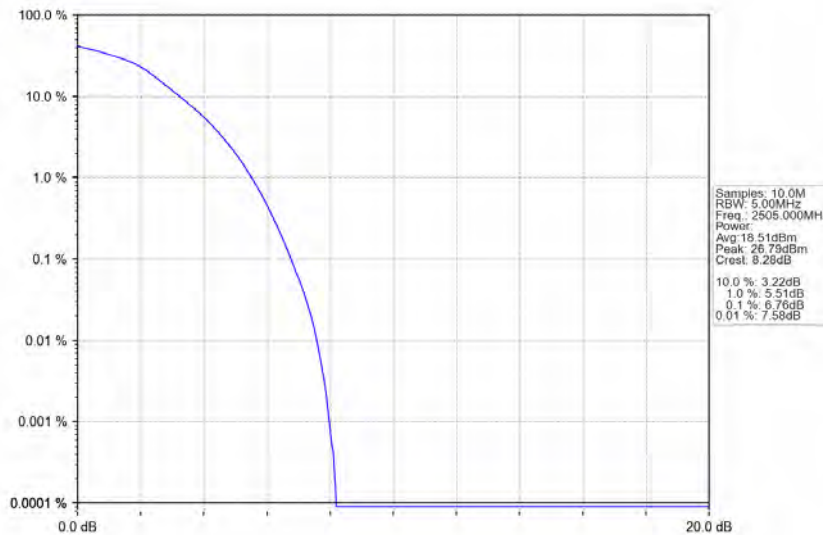
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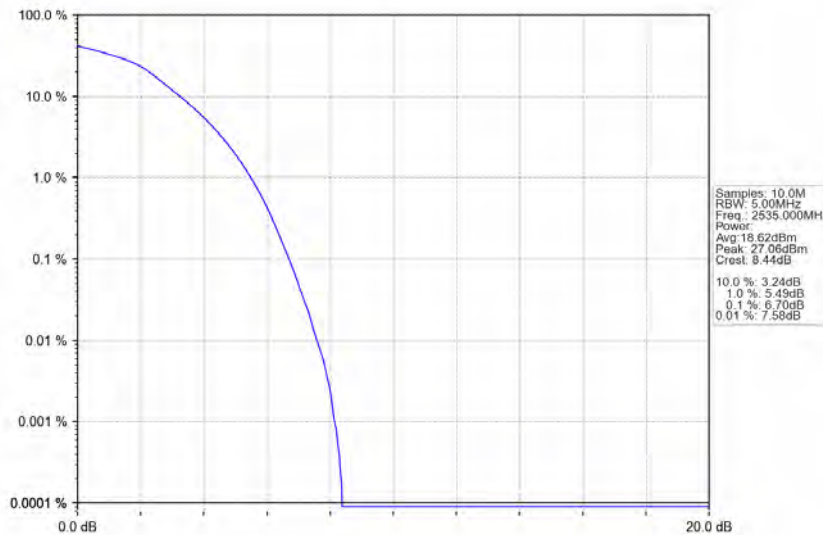
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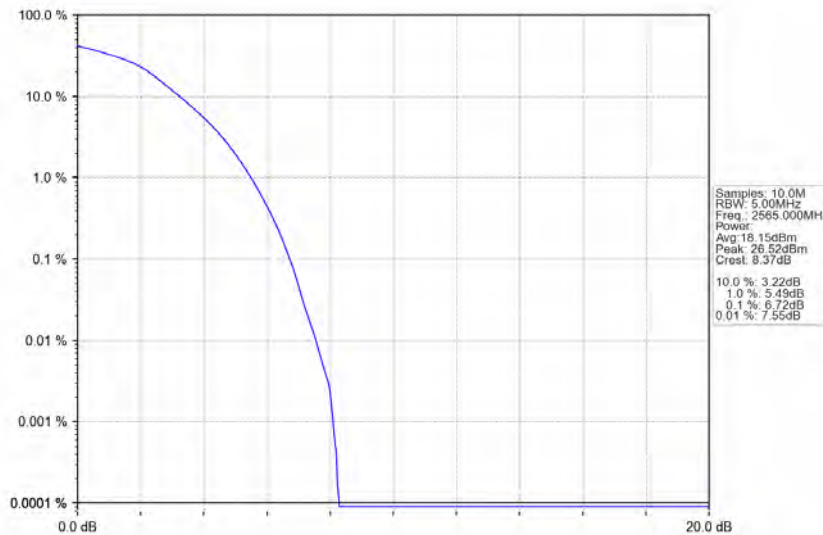
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Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



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5.3 B7_15MHz

5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	6.38	<=13	Pass
	2535	75	0	6.32	<=13	Pass
	2562.5	75	0	6.35	<=13	Pass
16QAM	2507.5	75	0	6.97	<=13	Pass
	2535	75	0	7.06	<=13	Pass
	2562.5	75	0	7.03	<=13	Pass
64QAM	2507.5	75	0	7.22	<=13	Pass
	2535	75	0	7.18	<=13	Pass
	2562.5	75	0	7.15	<=13	Pass



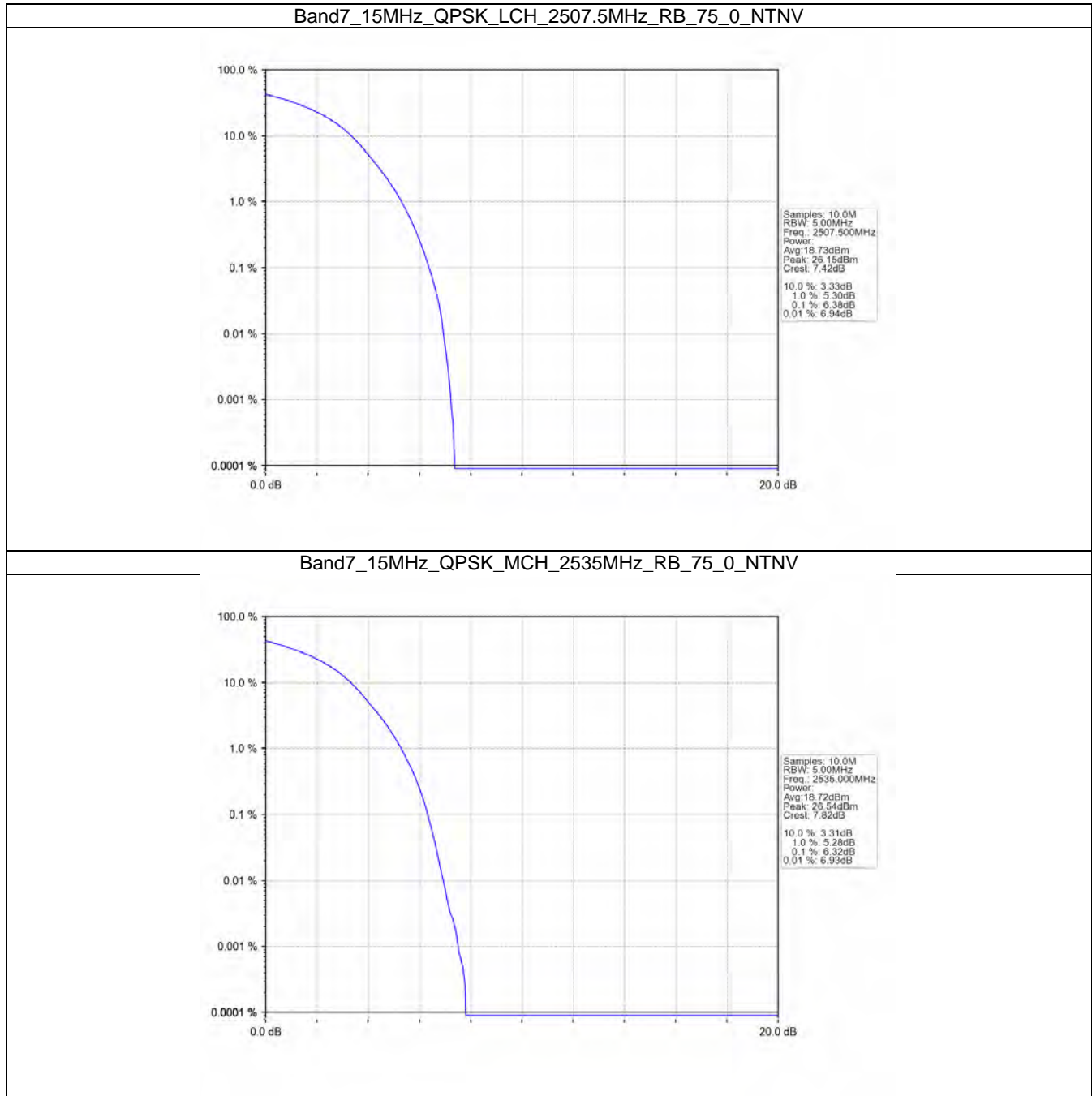
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5.3.2 Test Graph



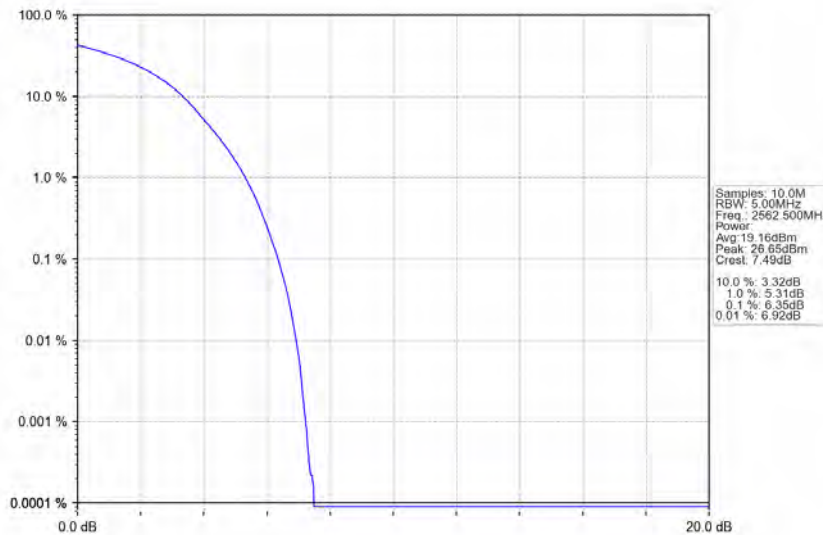
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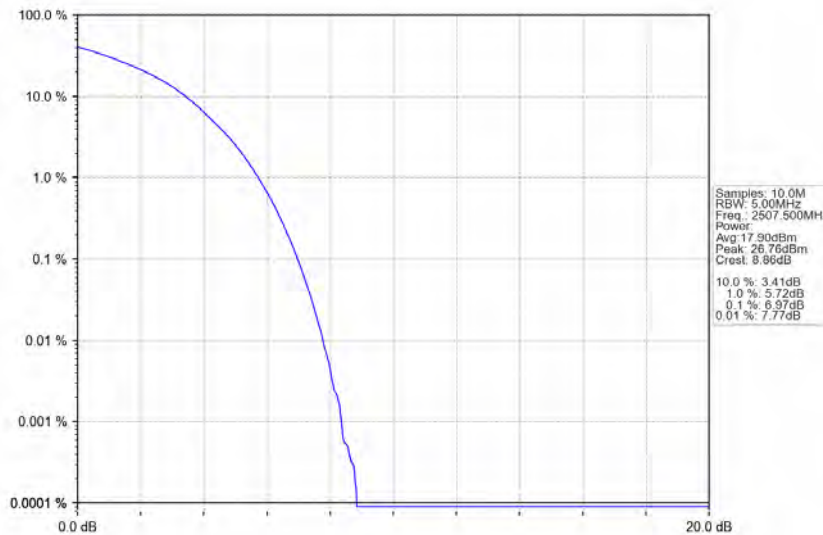
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



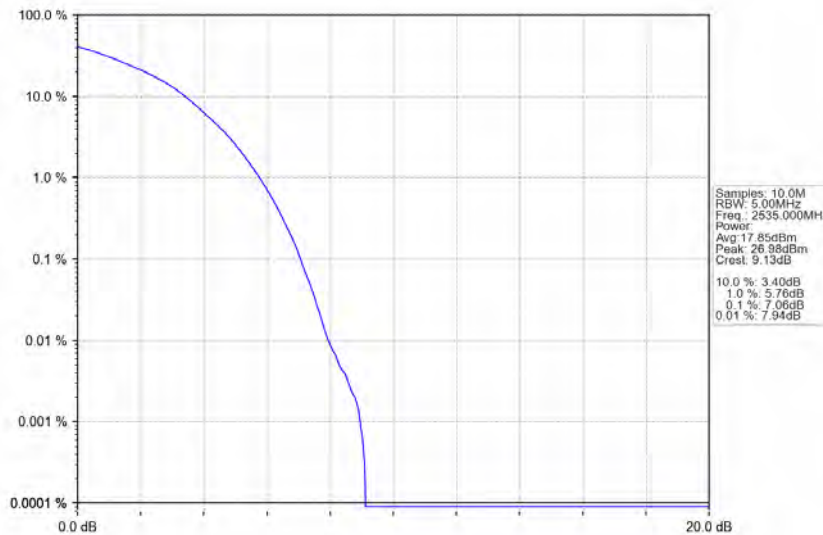
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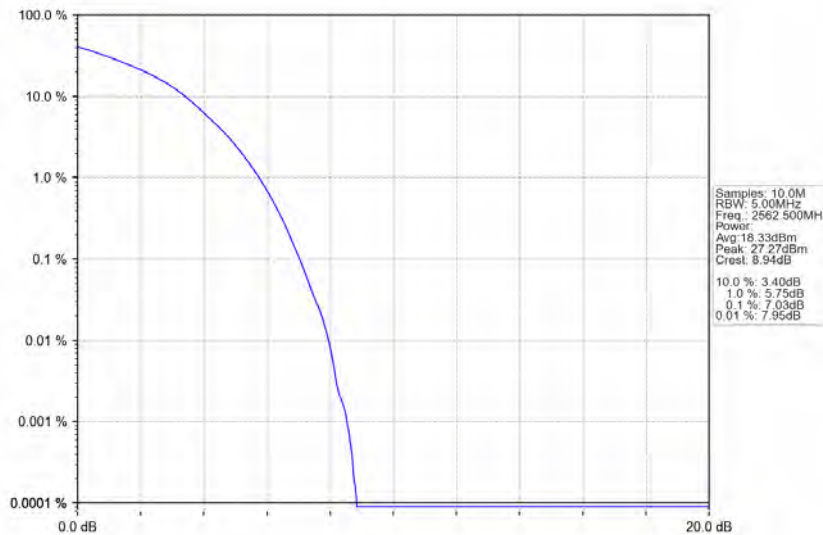
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Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



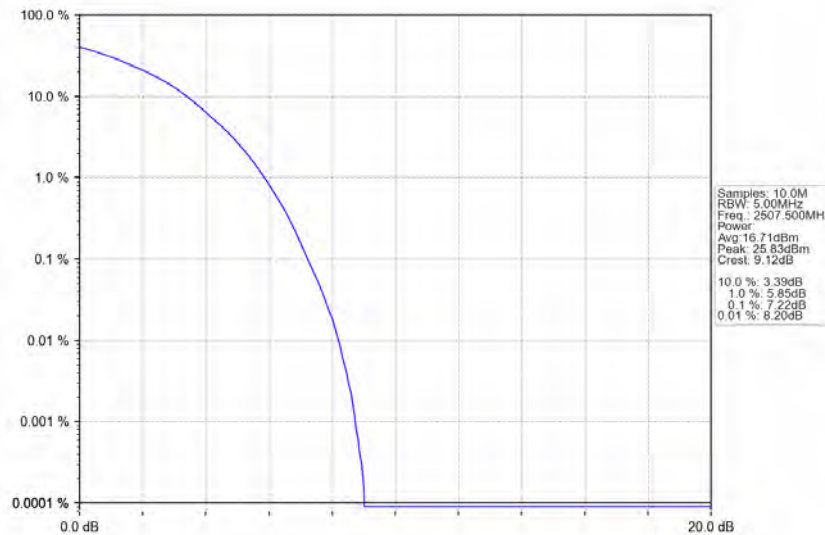
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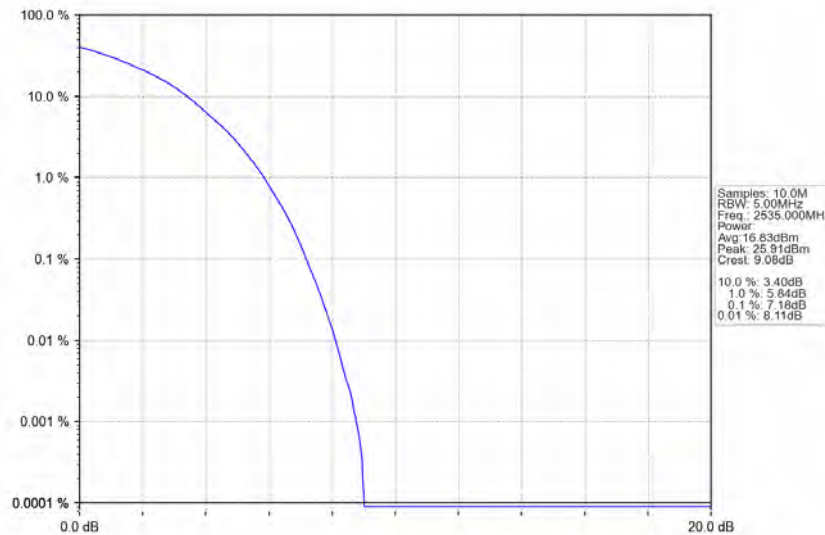
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



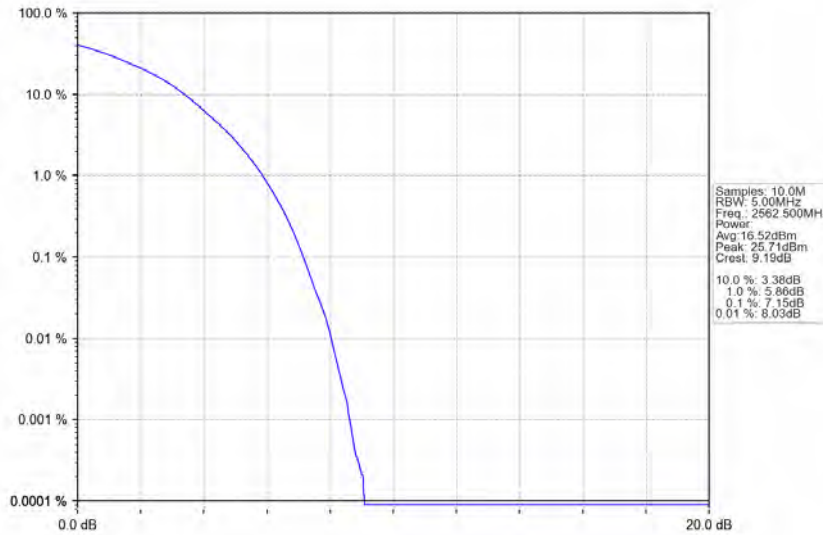
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



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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	6.90	<=13	Pass
	2535	100	0	6.86	<=13	Pass
	2560	100	0	6.85	<=13	Pass
16QAM	2510	100	0	7.42	<=13	Pass
	2535	100	0	7.39	<=13	Pass
	2560	100	0	7.36	<=13	Pass
64QAM	2510	100	0	7.47	<=13	Pass
	2535	100	0	7.44	<=13	Pass
	2560	100	0	7.46	<=13	Pass



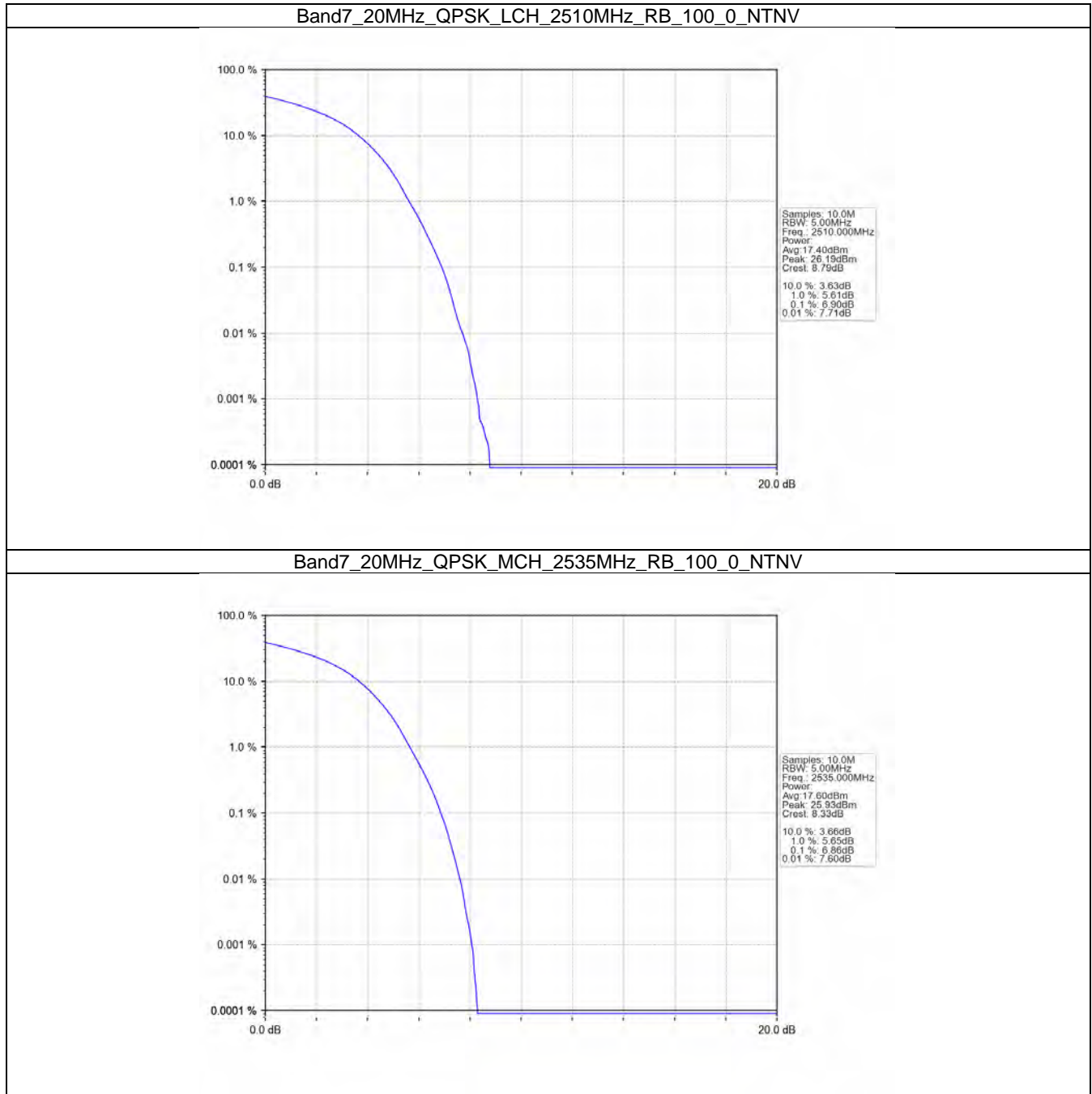
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5.4.2 Test Graph



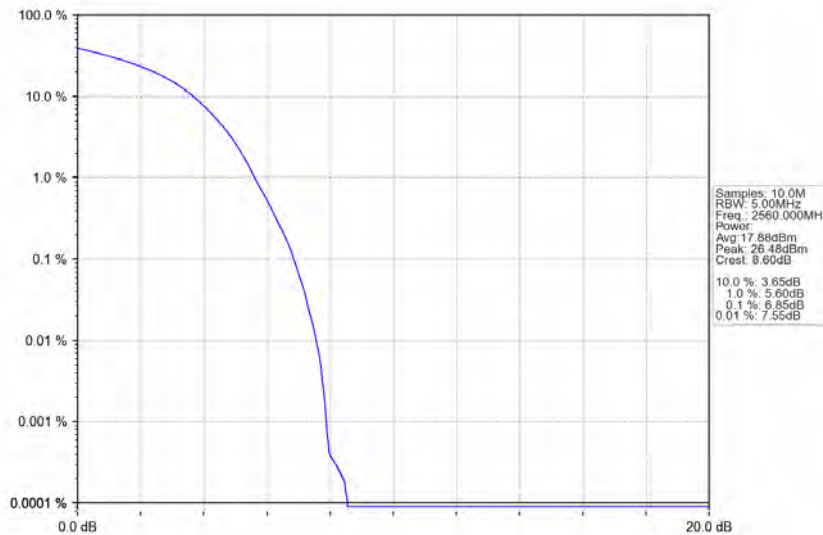
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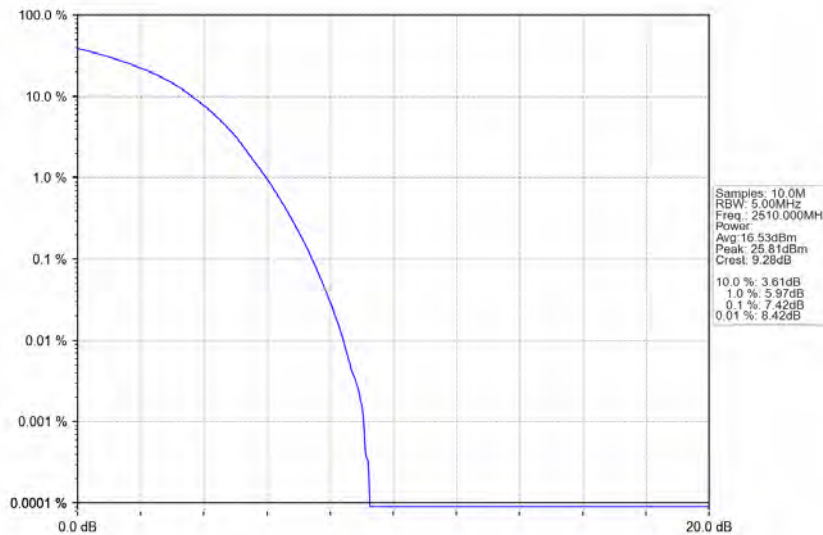
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



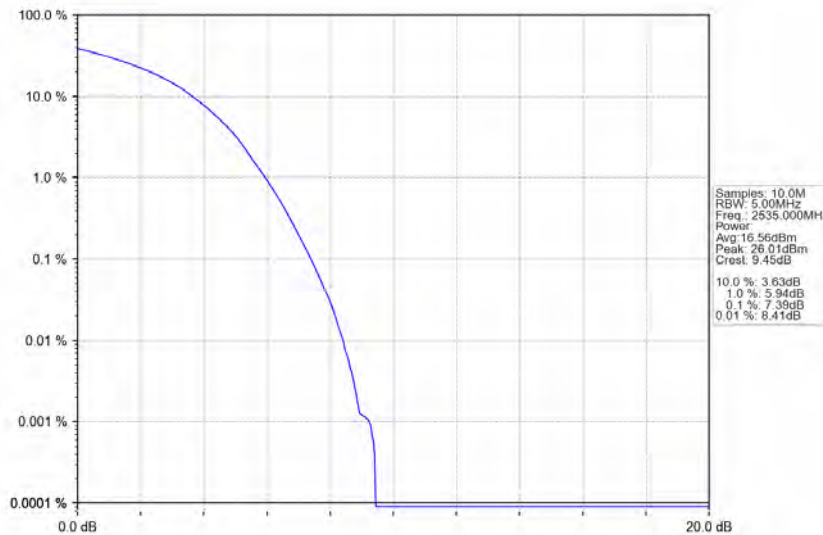
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



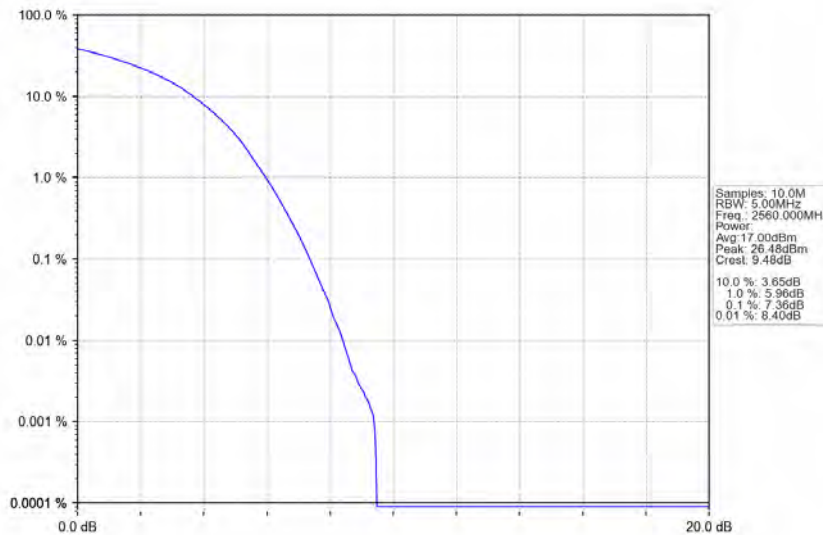
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Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



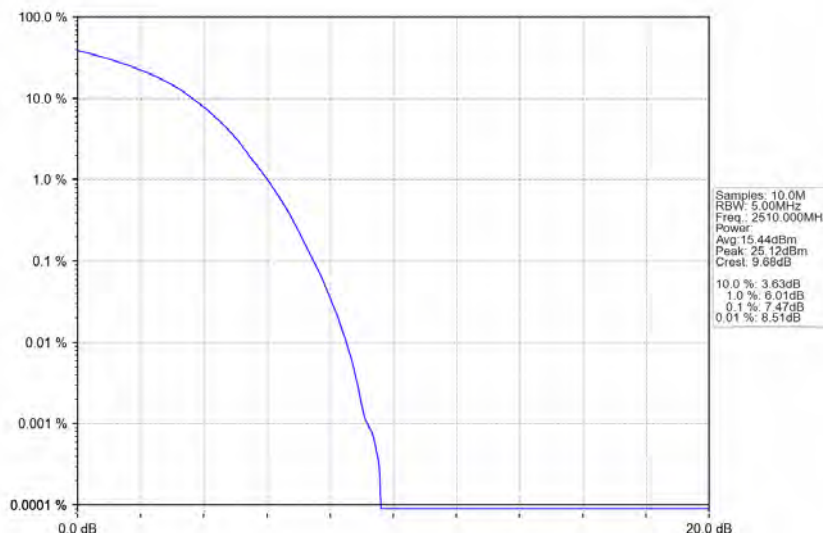
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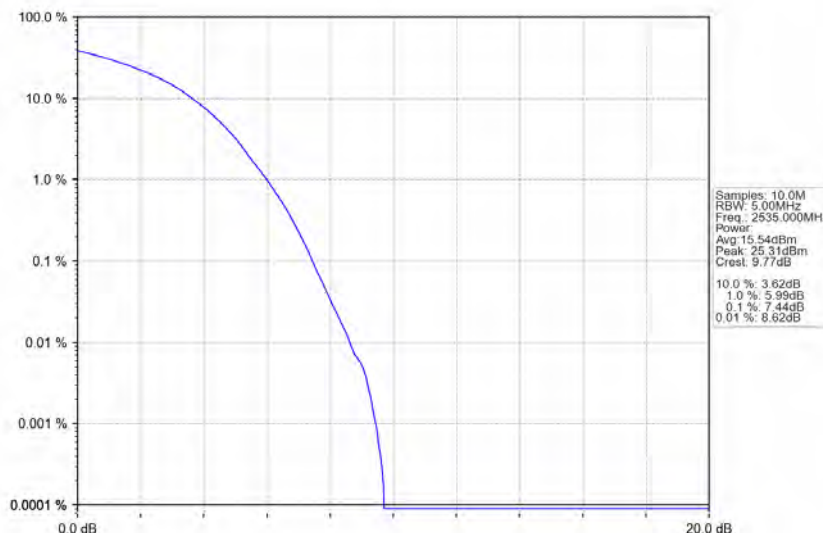
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Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV

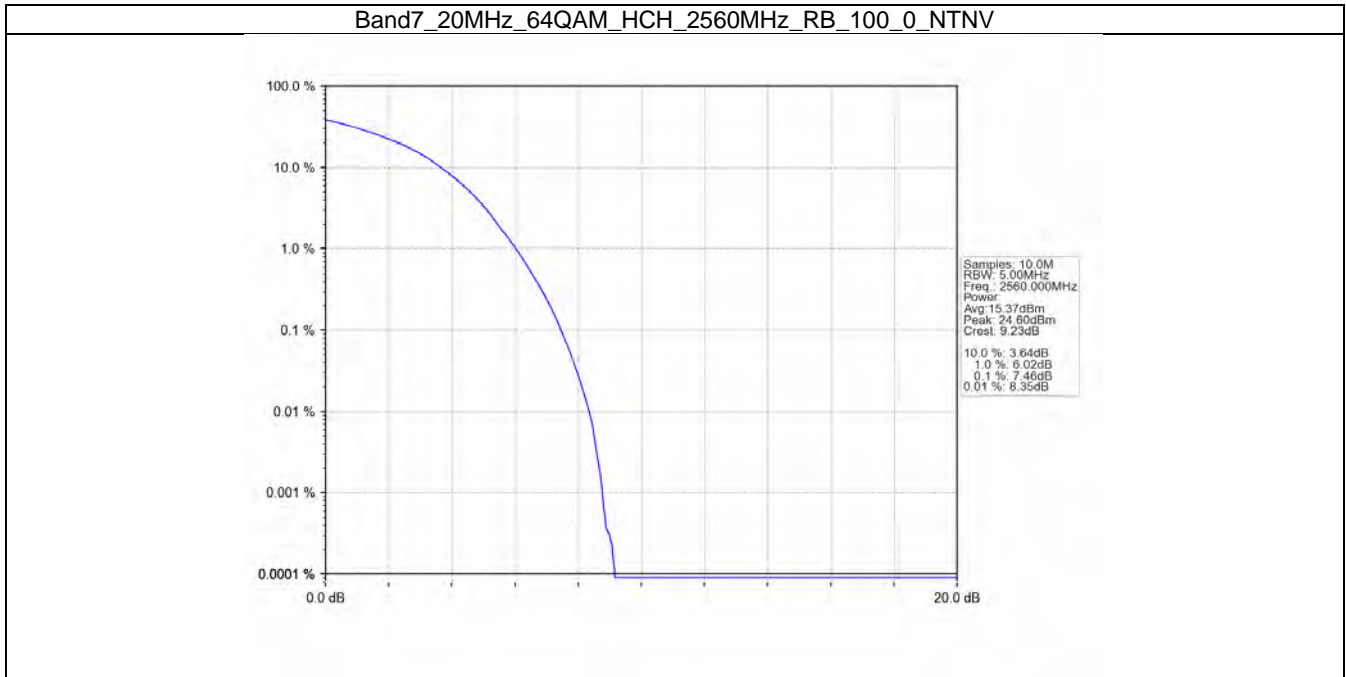


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6. Spurious Emission

6.1 B7_5MHz

6.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2502.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2535	1	0	Refer To Test Graph		Pass	
		2567.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass
16QAM	2502.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2535	1	0	Refer To Test Graph		Pass	
		2567.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass
64QAM	2502.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2535	1	0	Refer To Test Graph		Pass	
		2567.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass



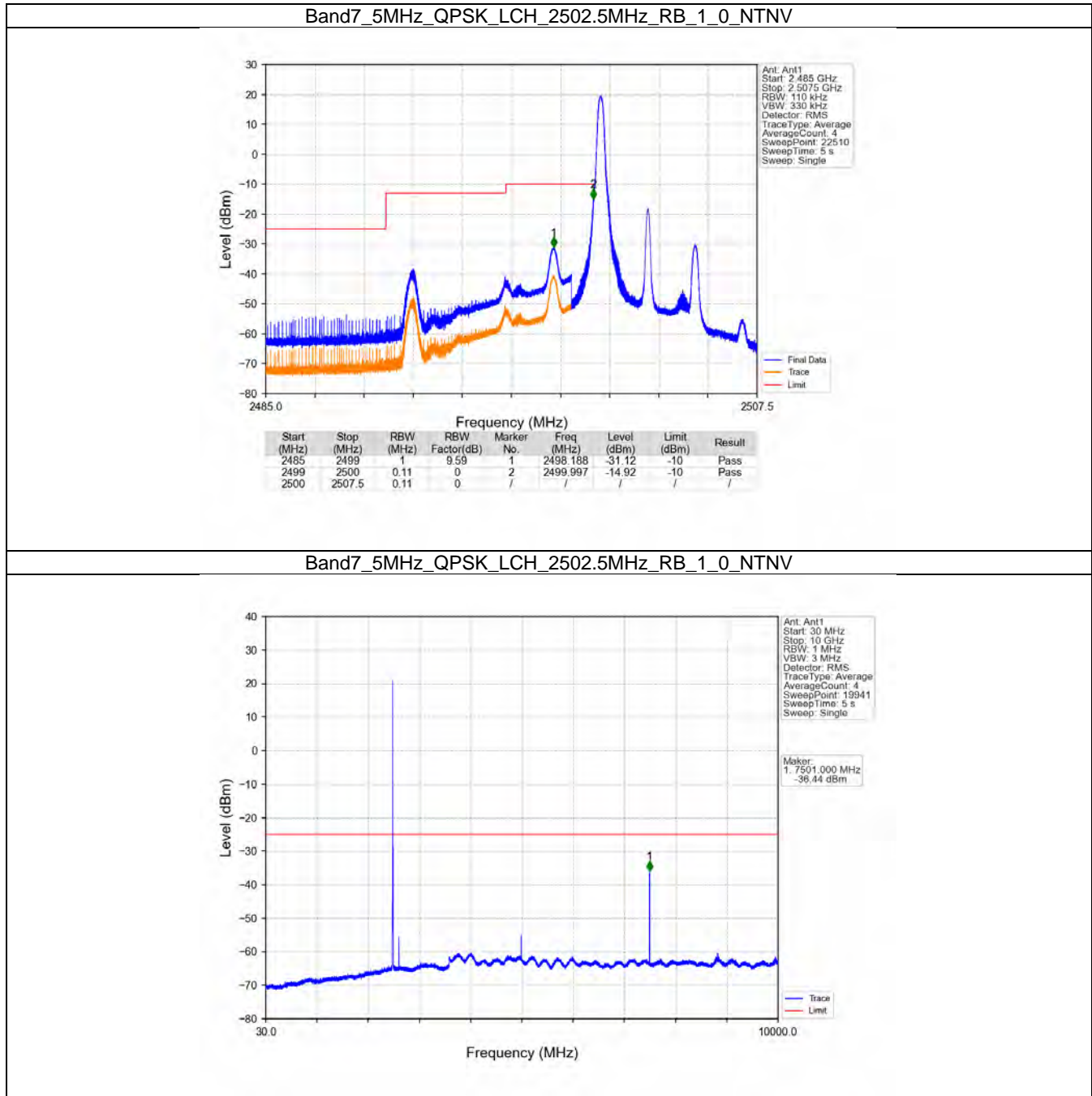
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6.1.2 Test Graph

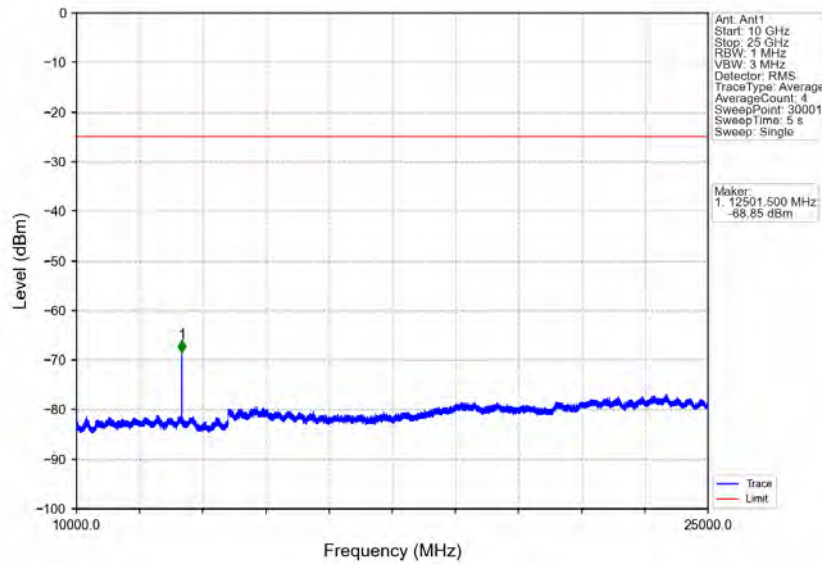


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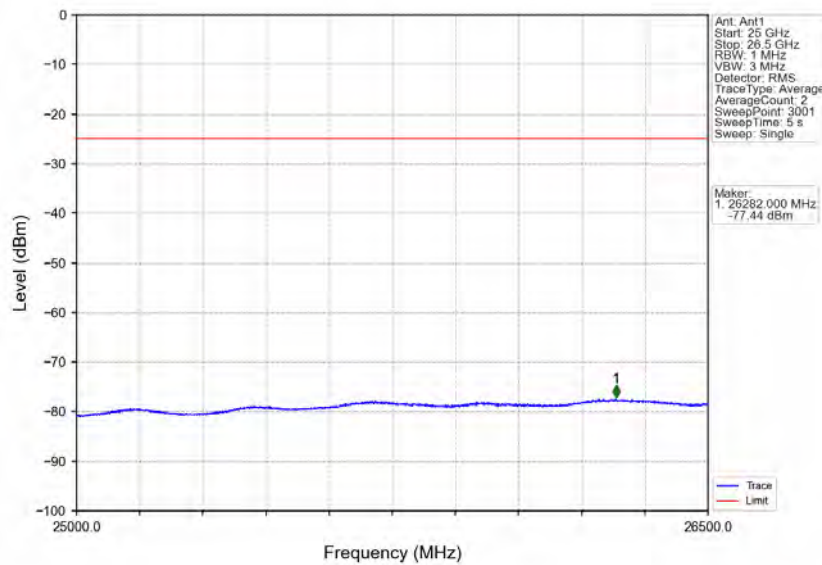
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



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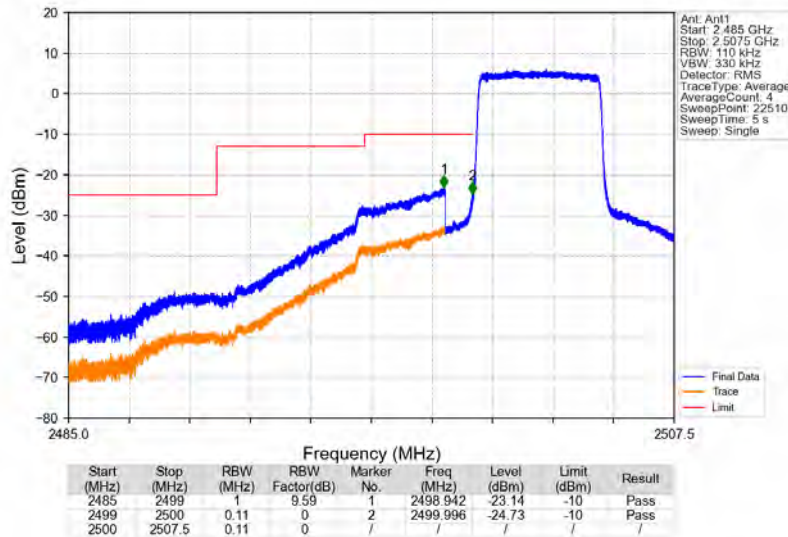
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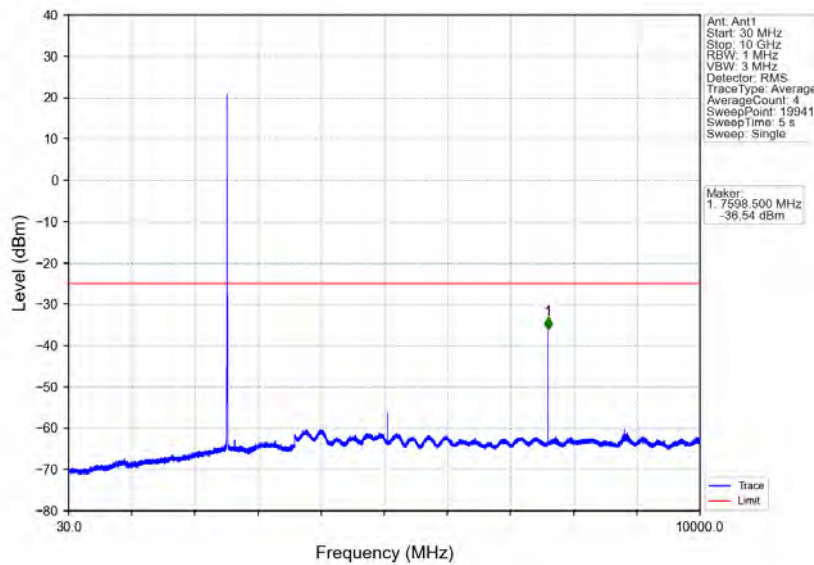
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Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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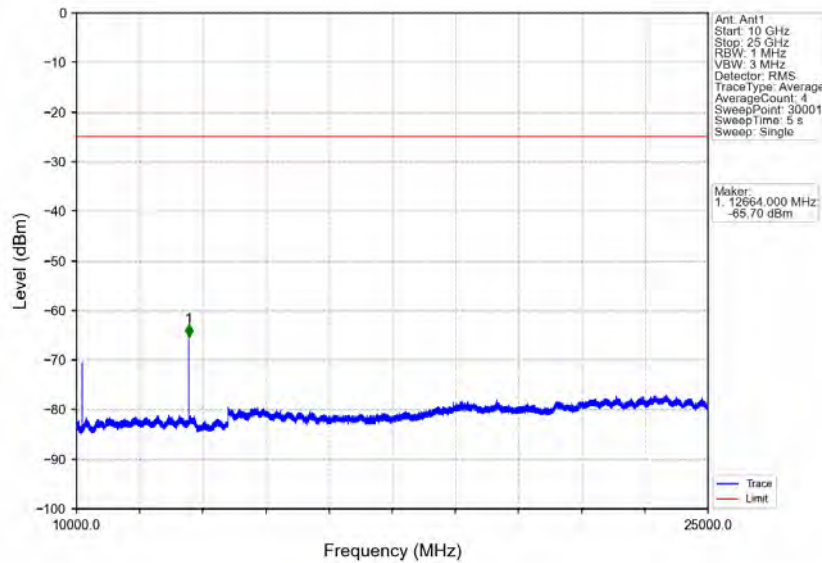
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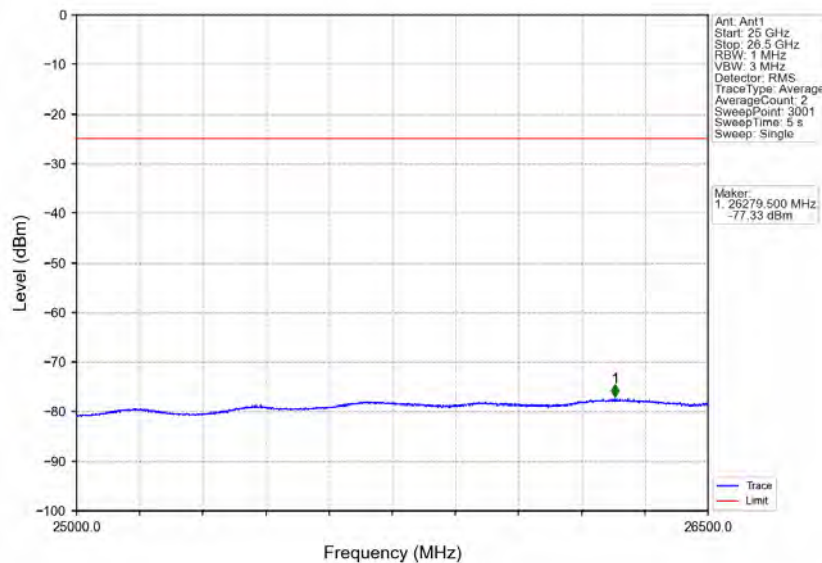
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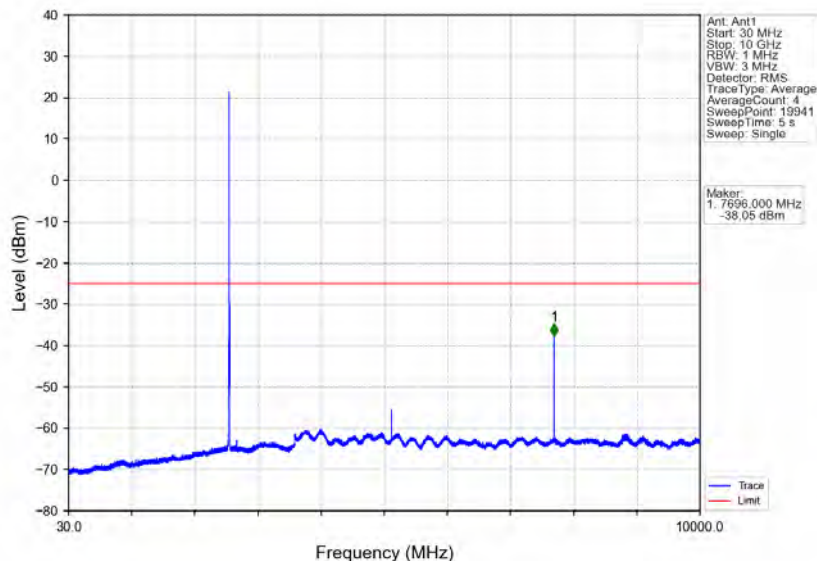
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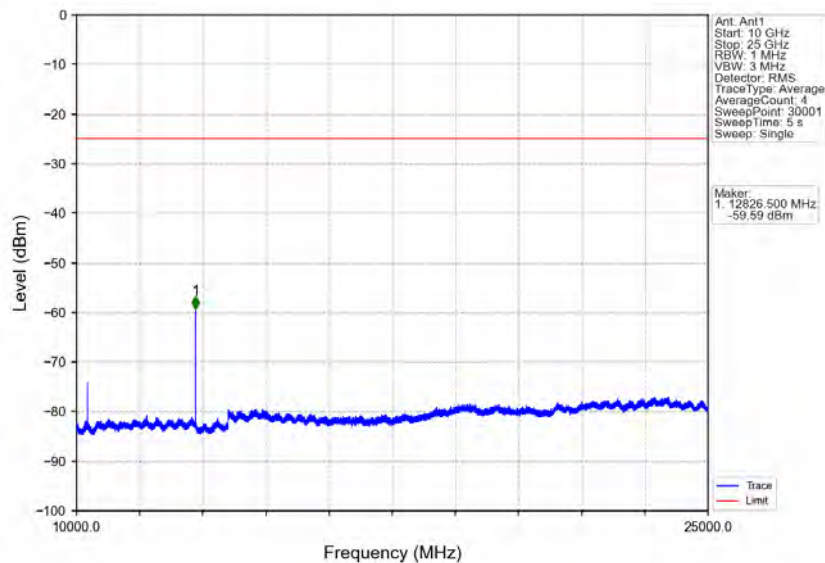
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



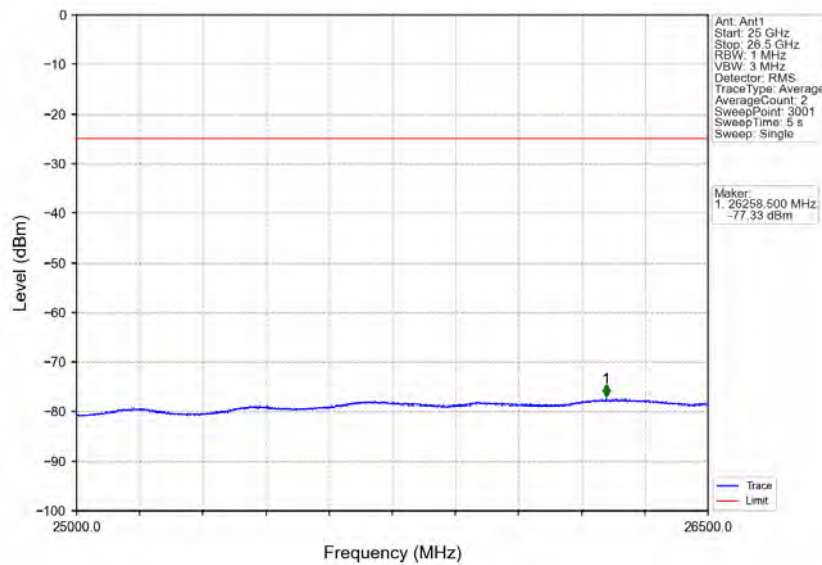
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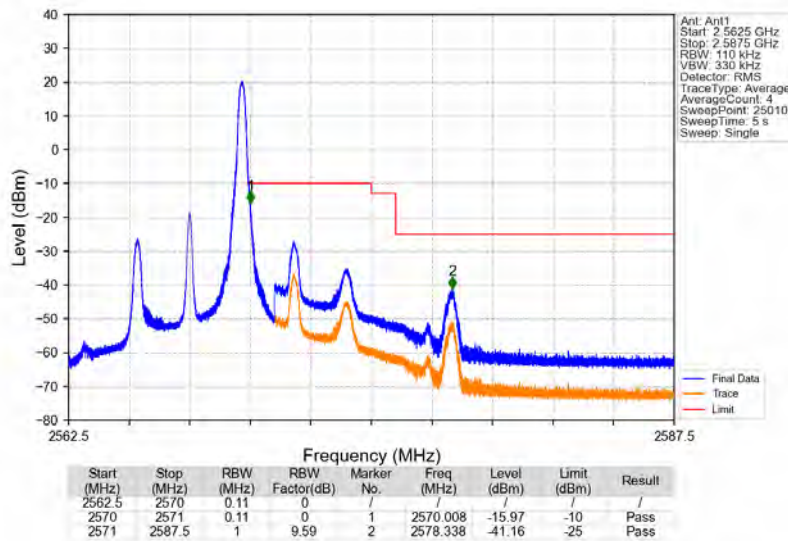
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



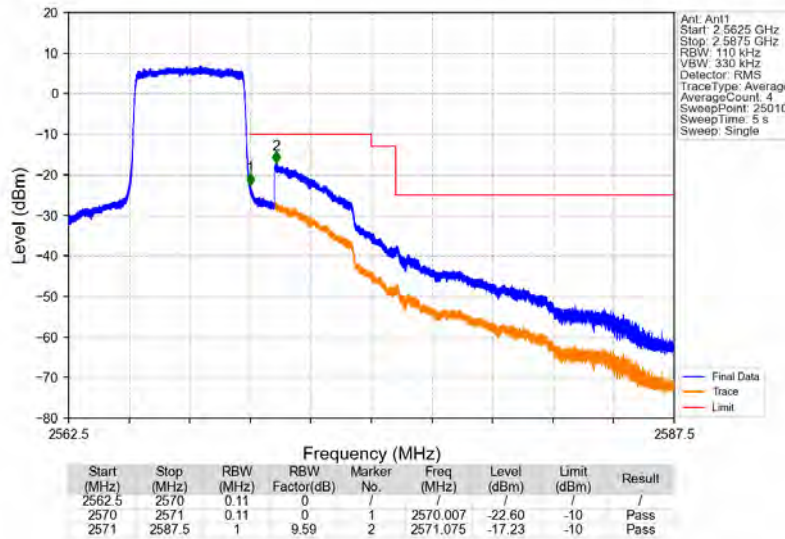
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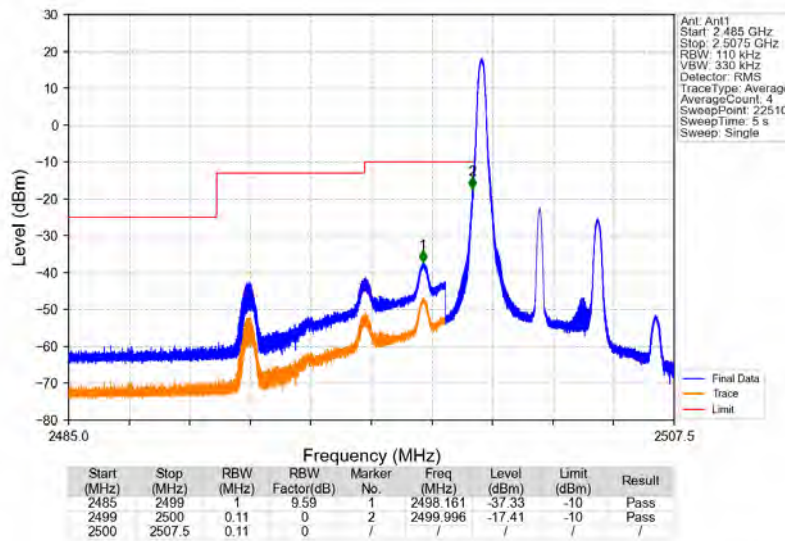
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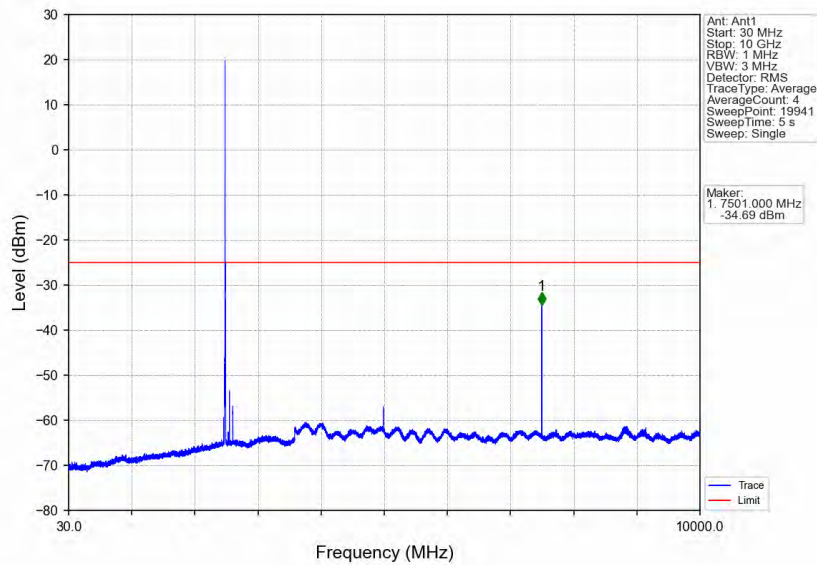


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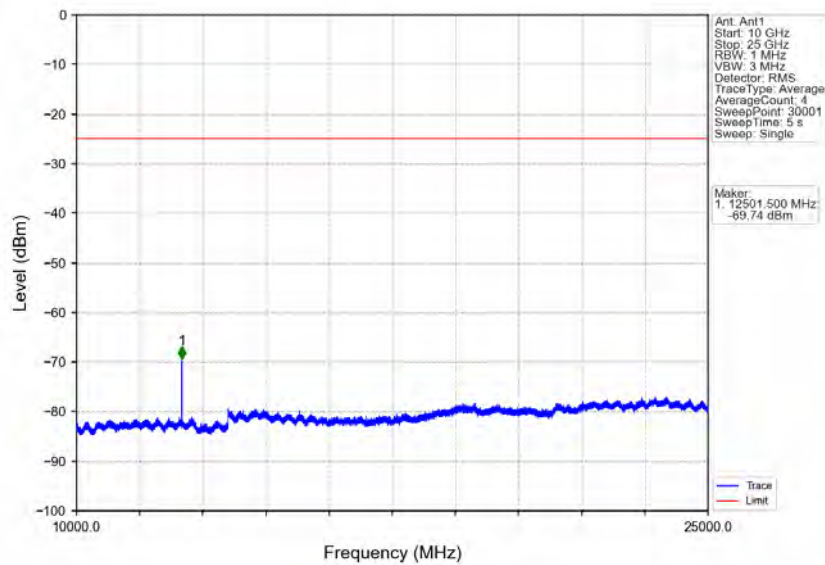
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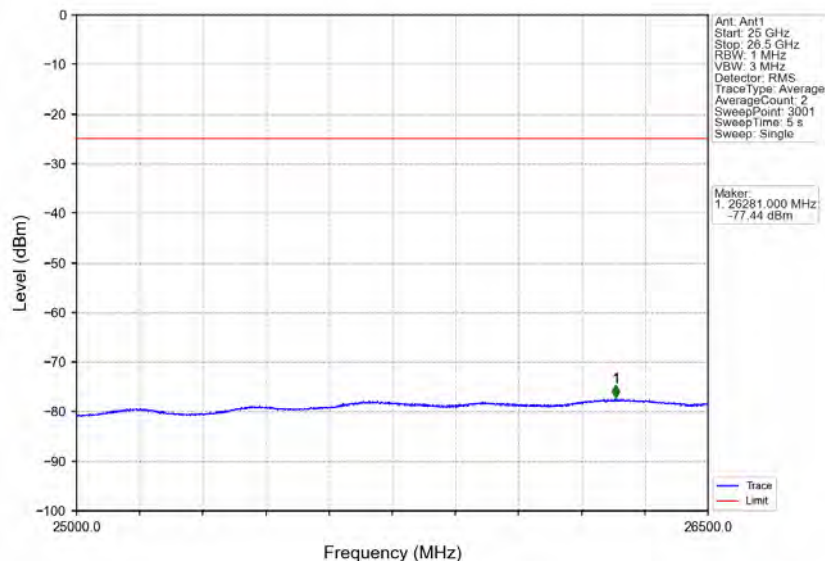
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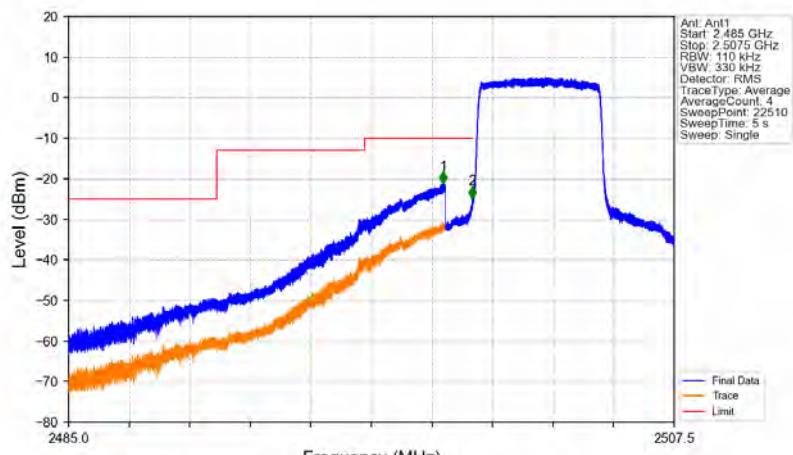
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Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	9.59	1	2498.919	-21.30	-10	Pass
2499	2500	0.11	0	2	2499.995	-24.90	-10	Pass
2500	2507.5	0.11	0	/	/	/	/	/



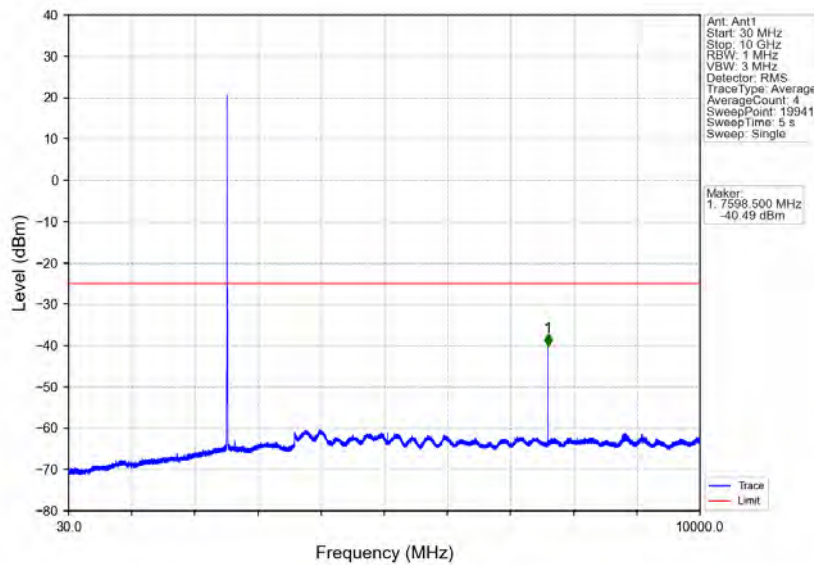
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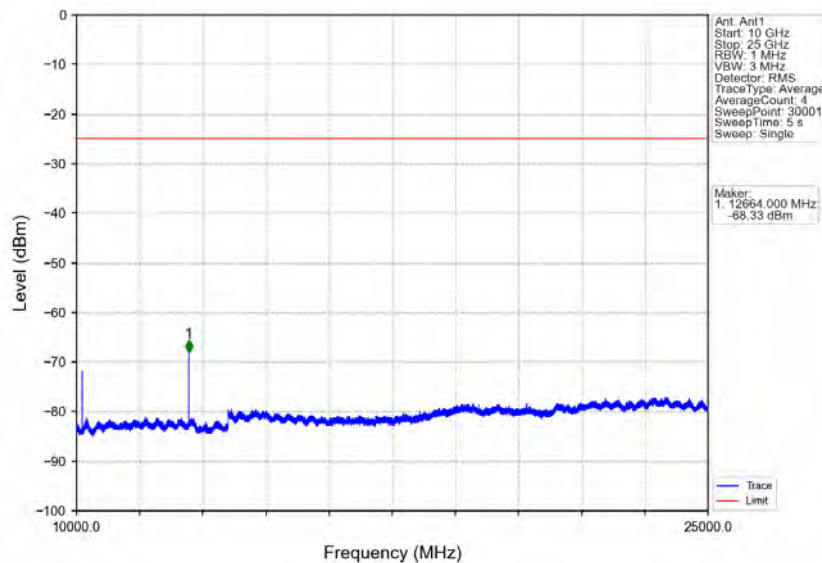
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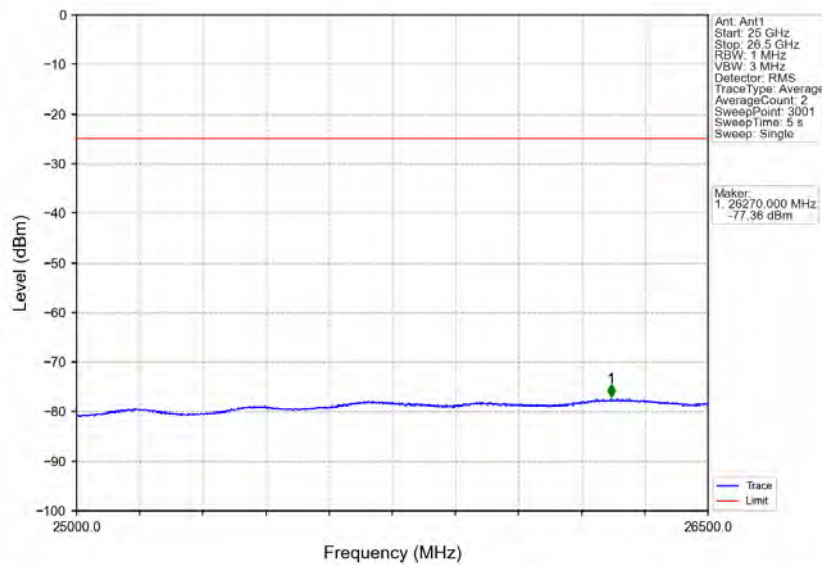
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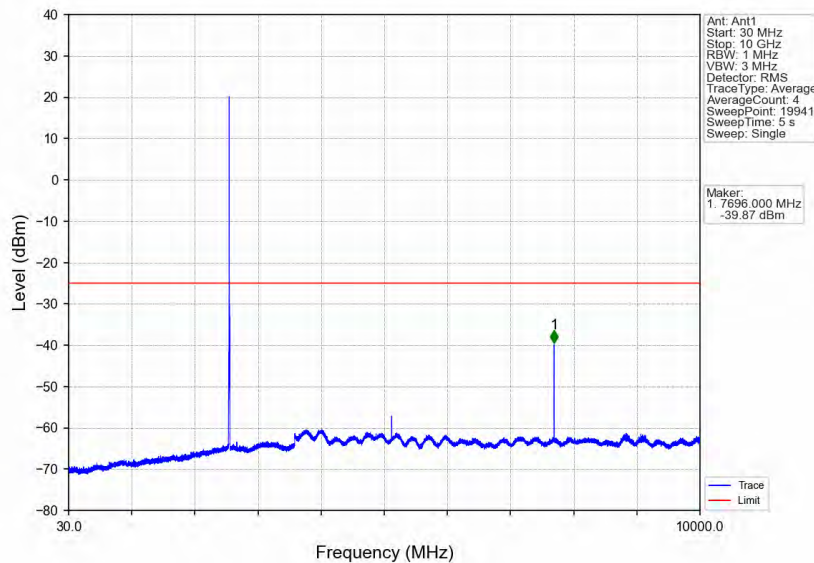
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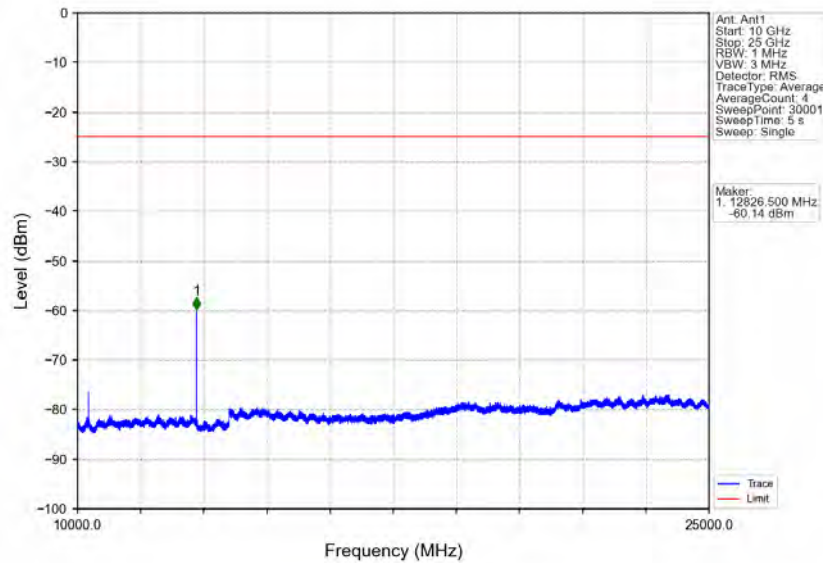
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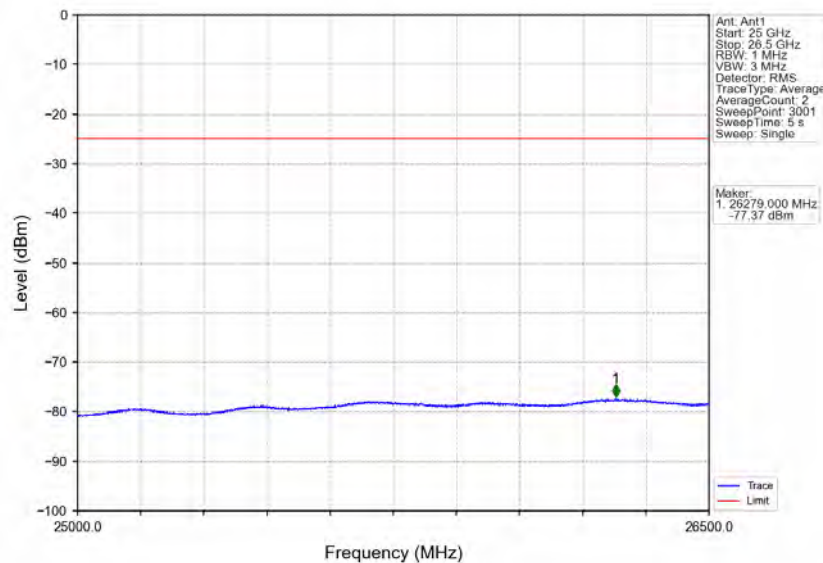
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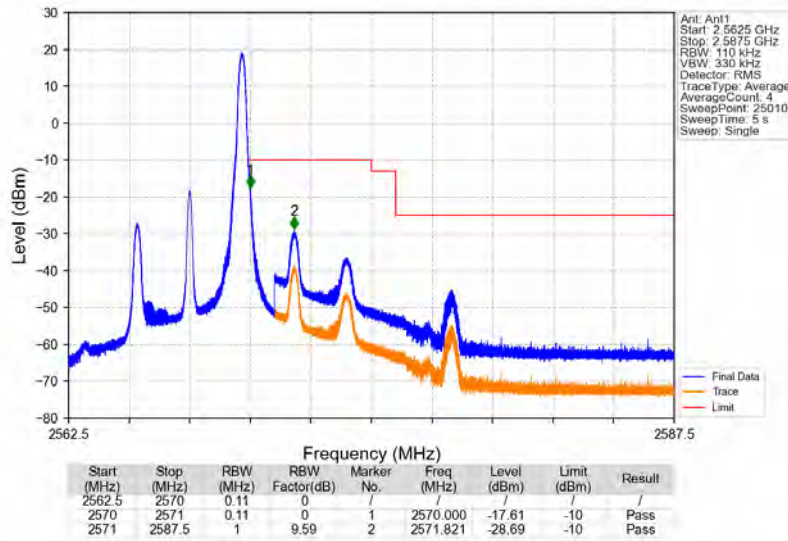
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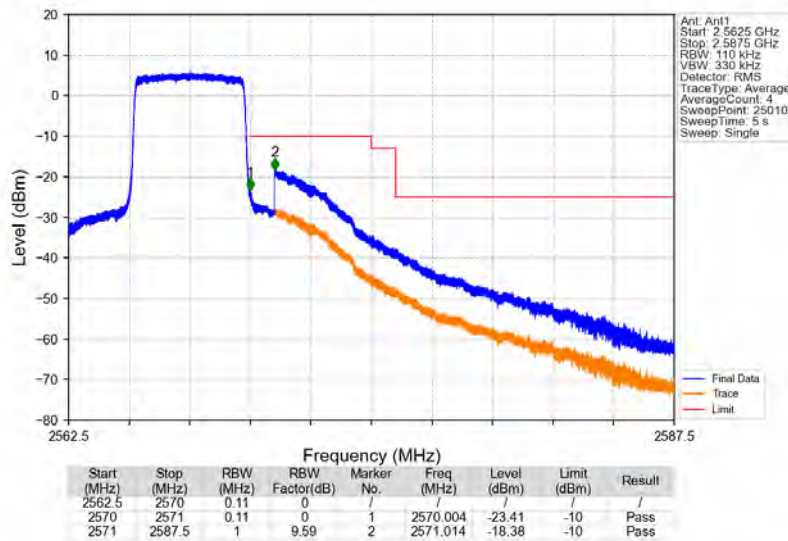
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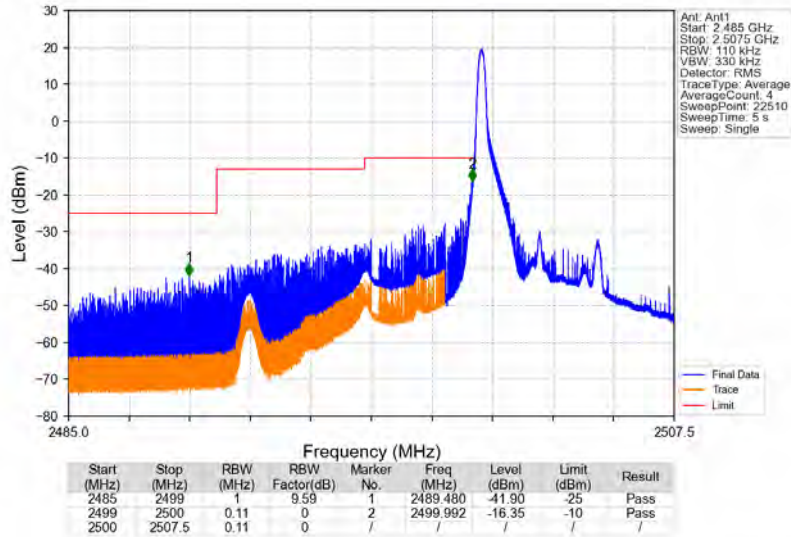
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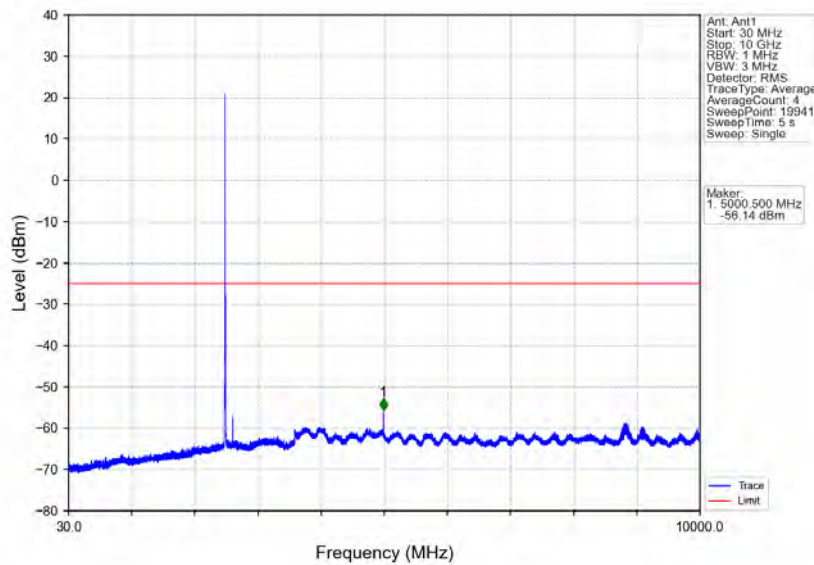
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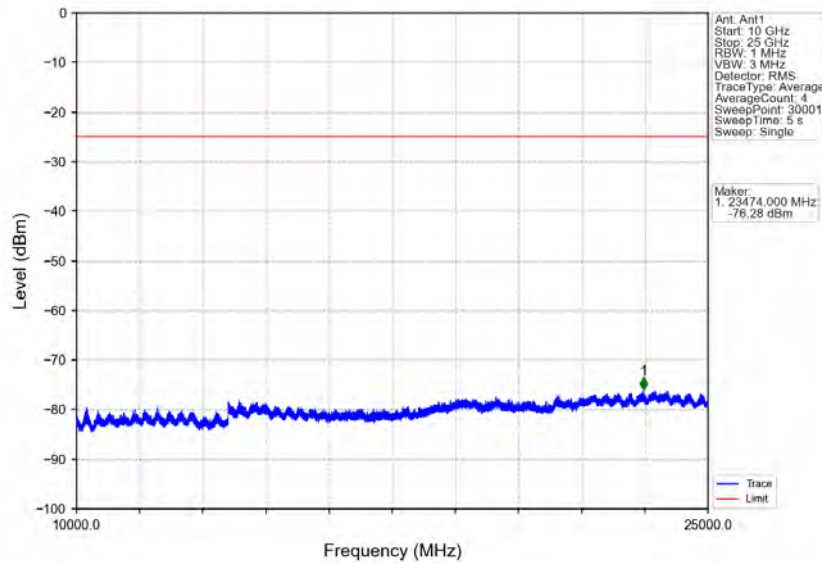
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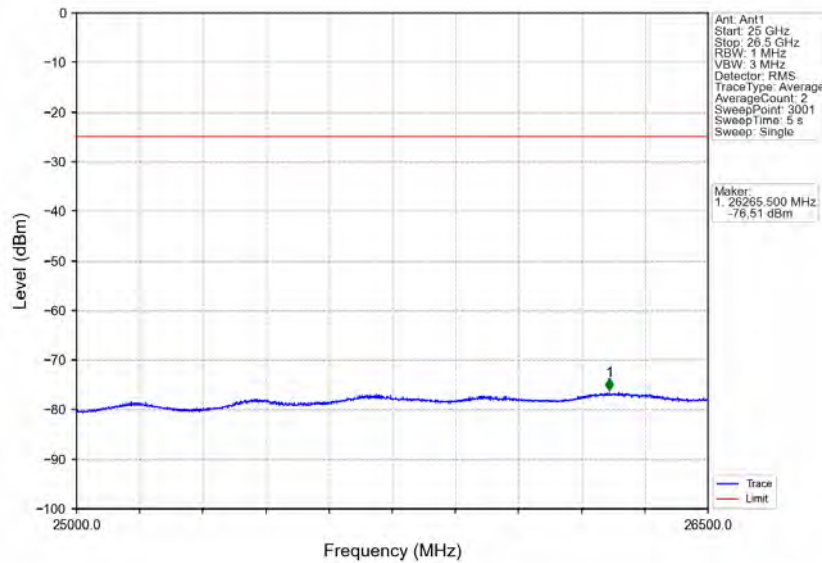
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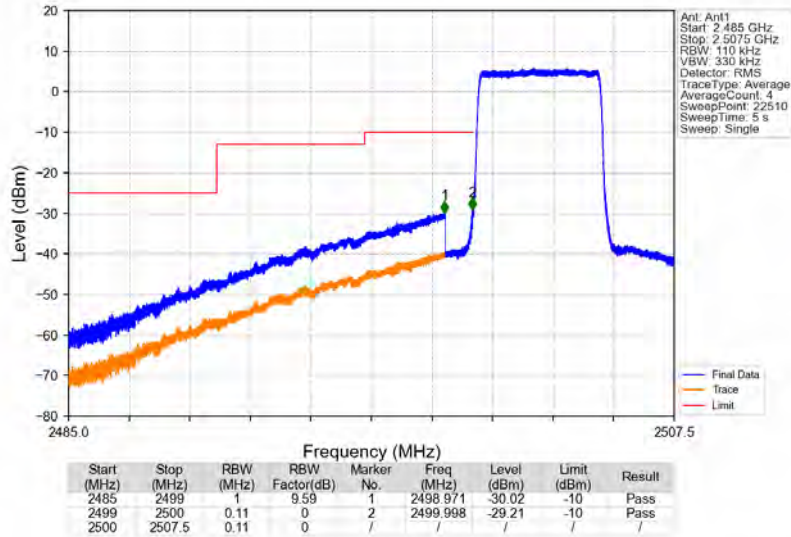
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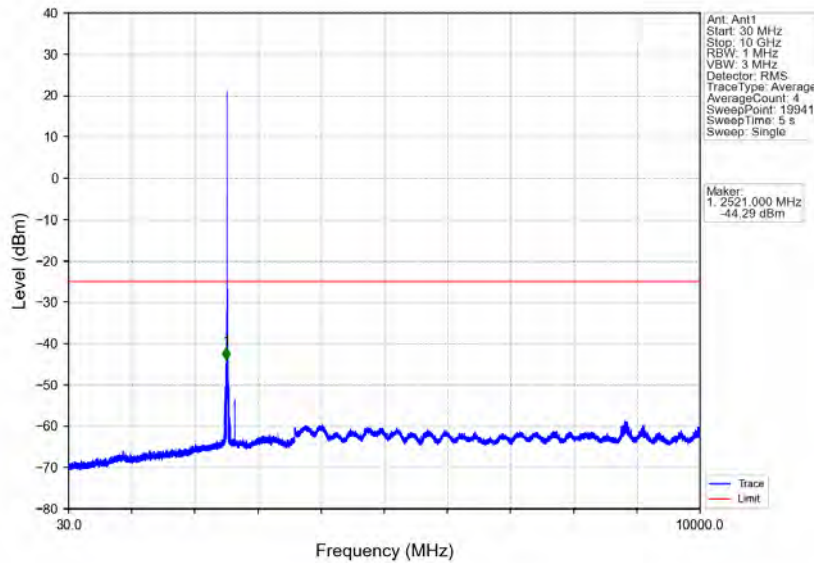
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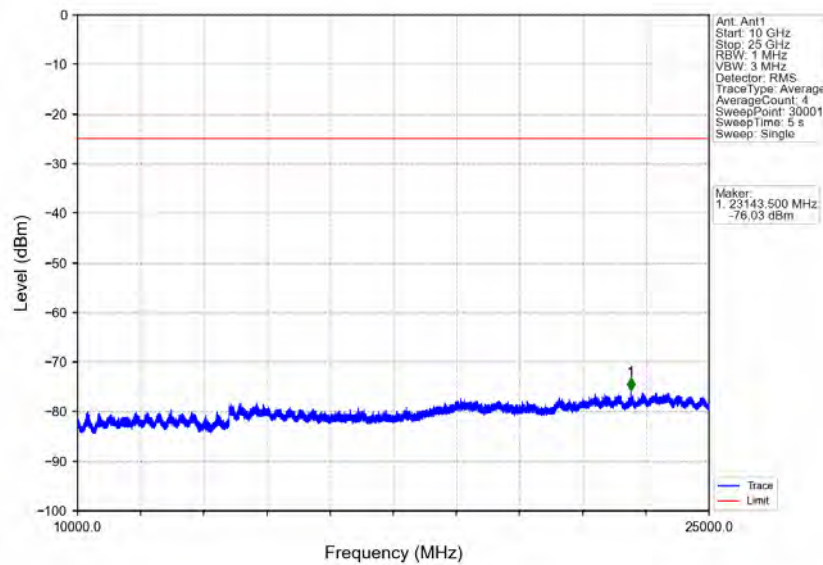
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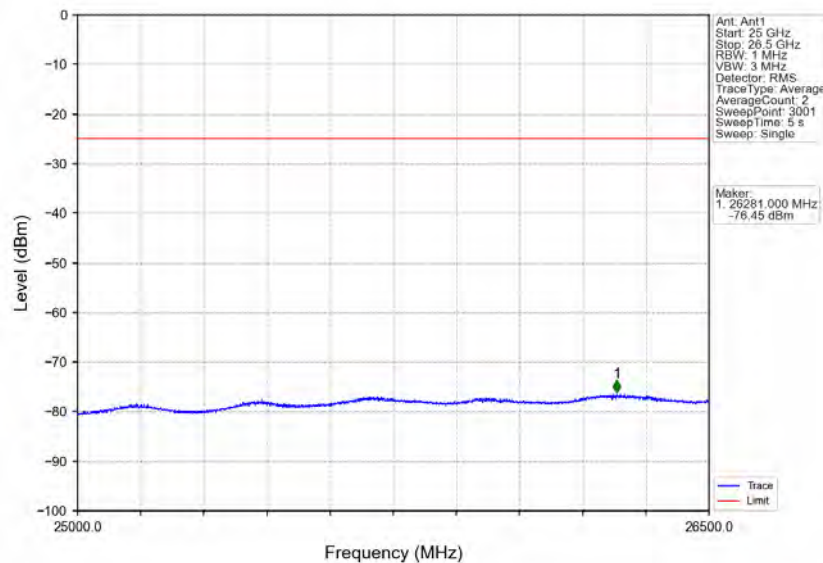


Compliance Certification Services (Kunshan) Inc.
 EMC Laboratory

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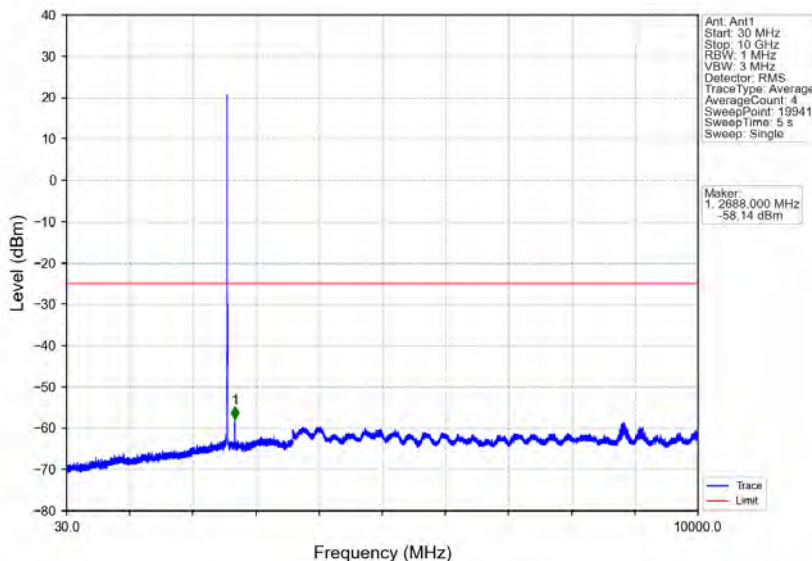
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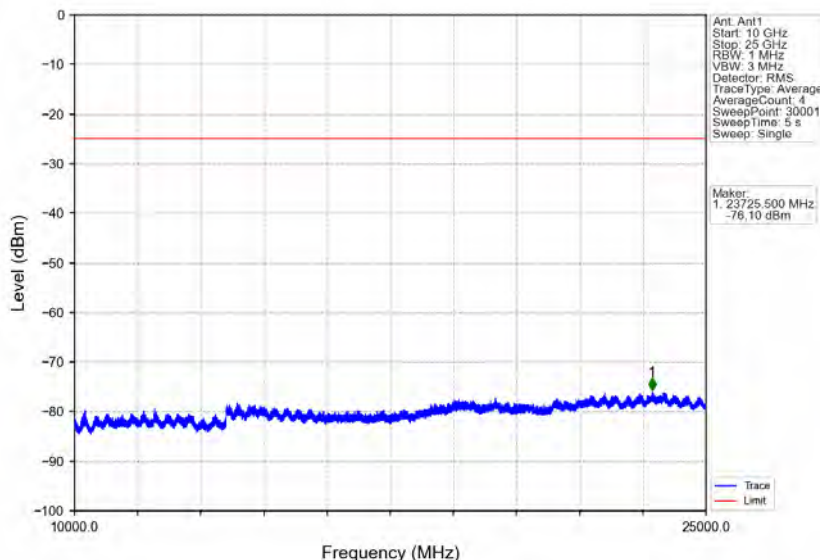
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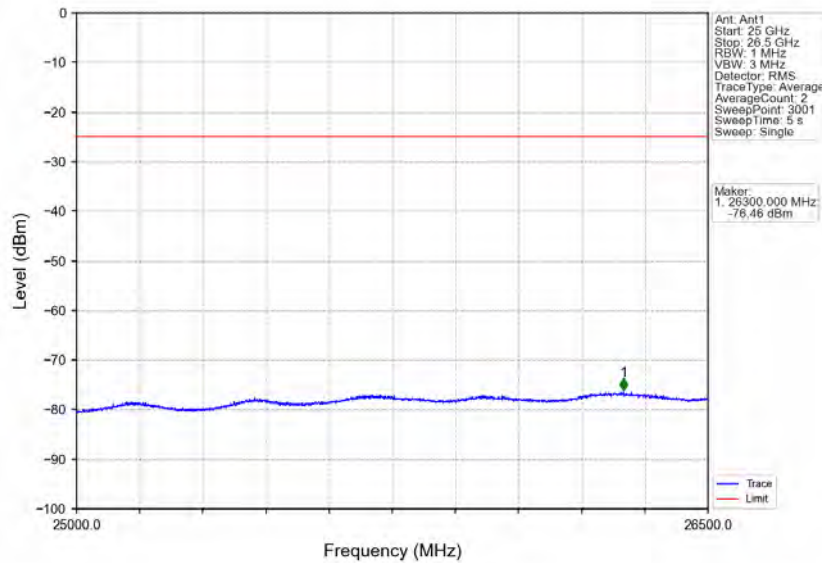
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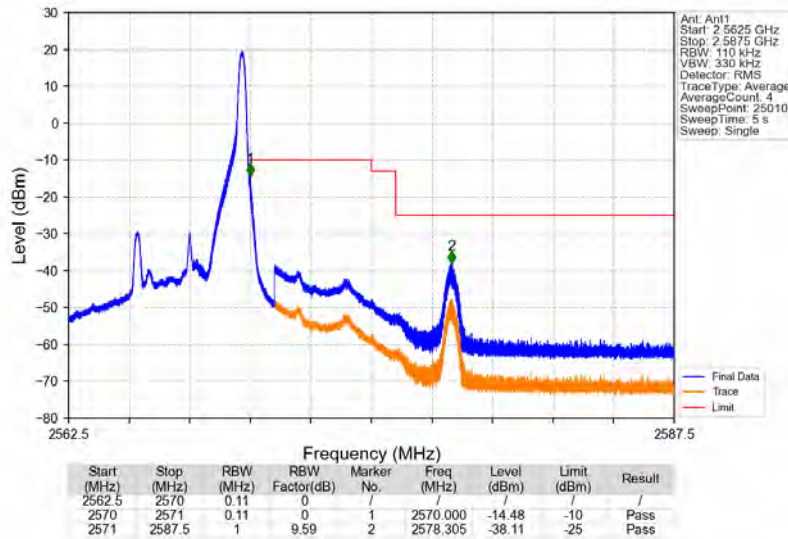
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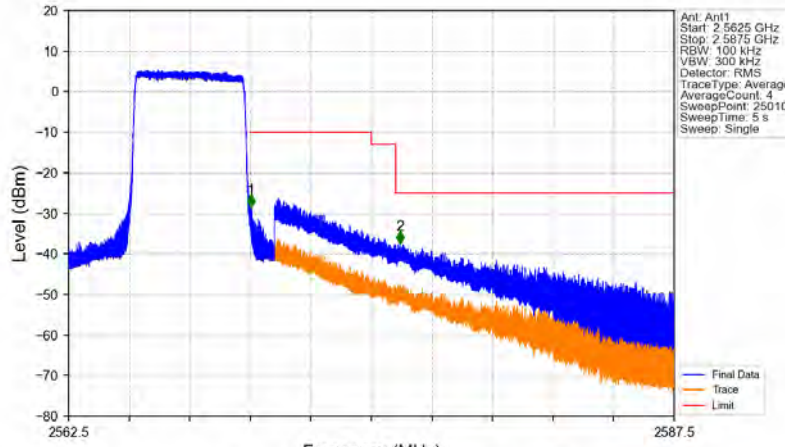
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Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.102	0.09	/	/	/	/	/
2570	2571	0.102	0.09	1	2570.025	-28.57	-10	Pass
2571	2587.5	1	10	2	2576.175	-37.48	-25	Pass



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6.2 B7_10MHz

6.2.1 Test Result

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

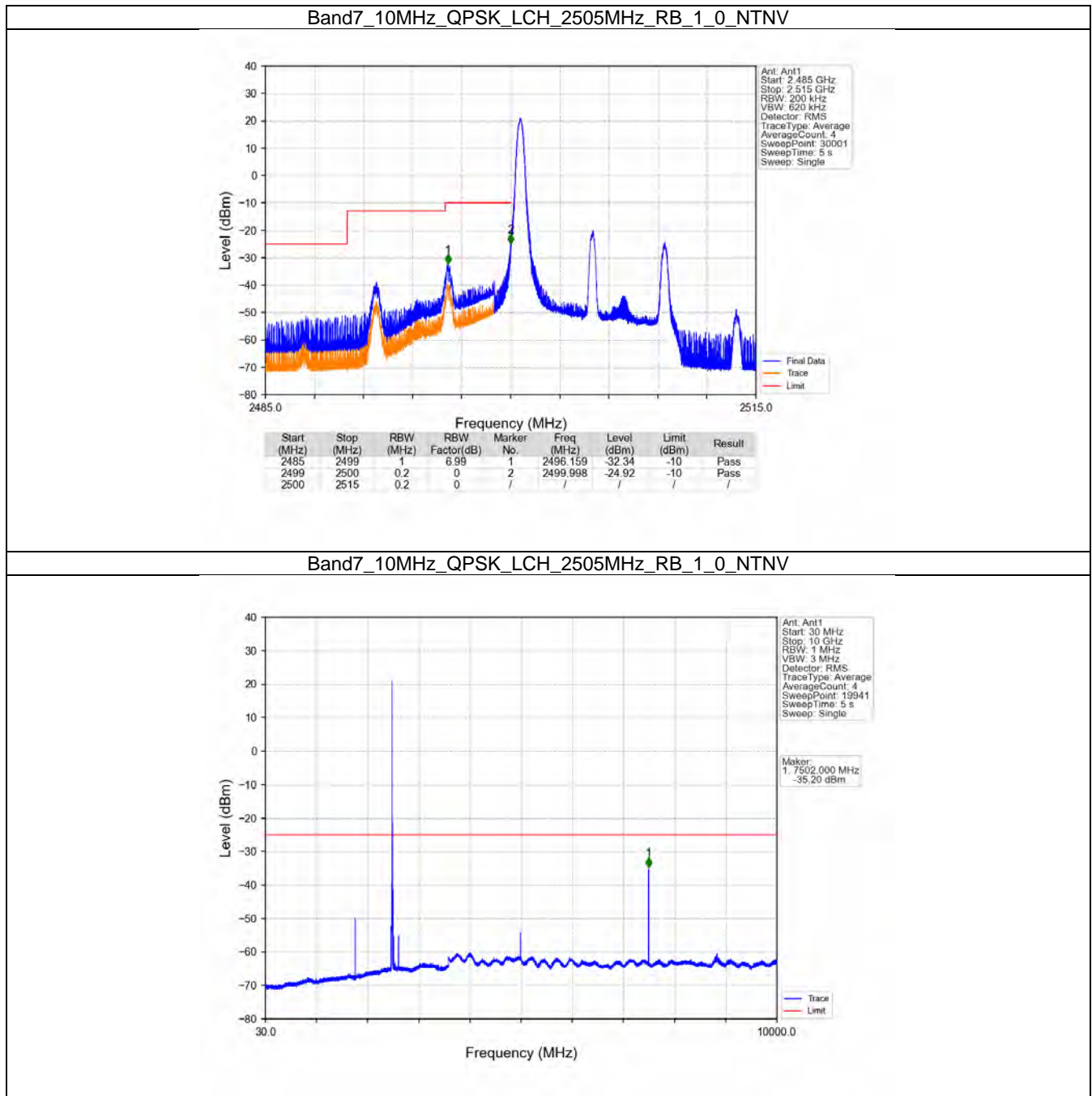


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6.2.2 Test Graph



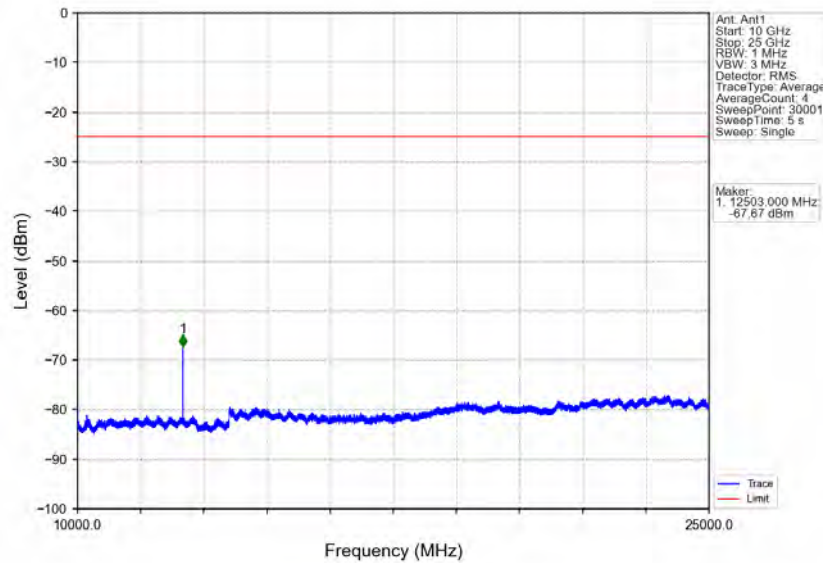
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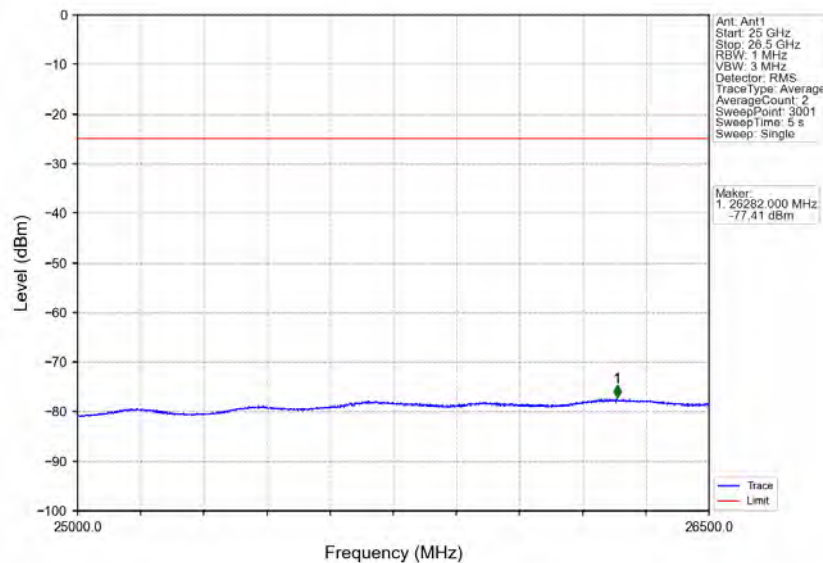
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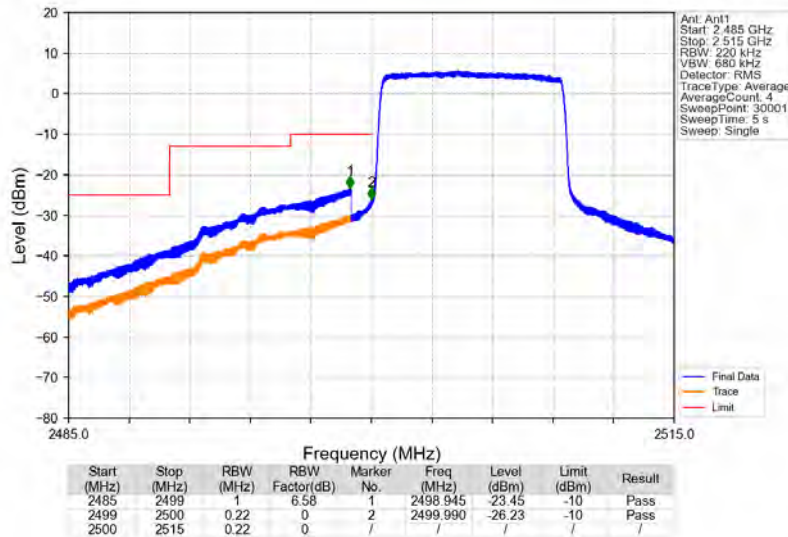
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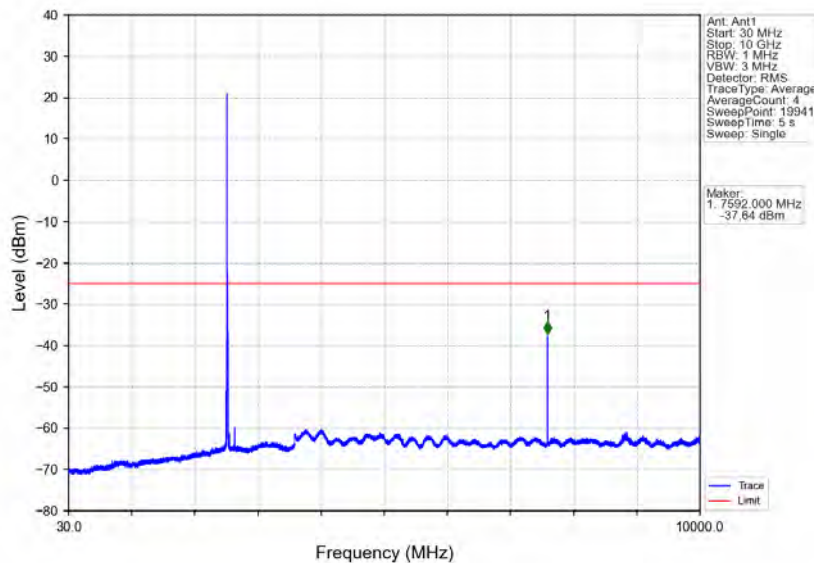
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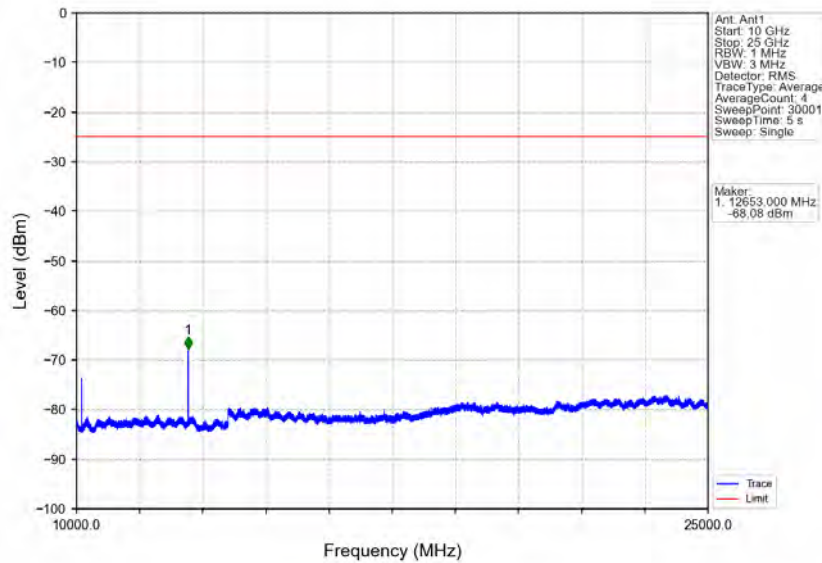
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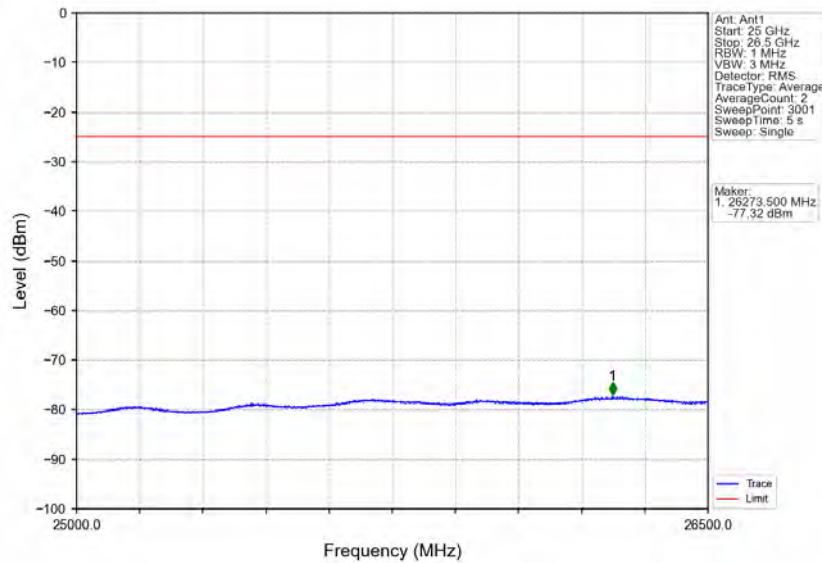
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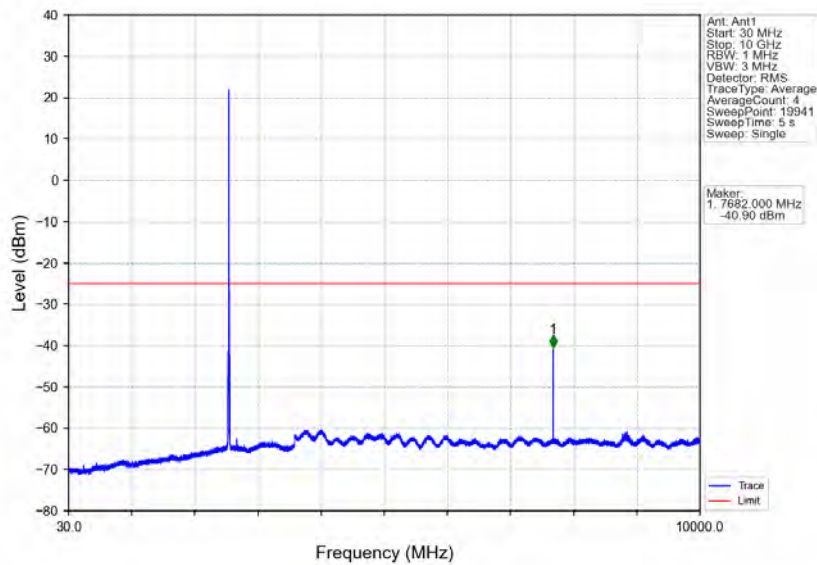
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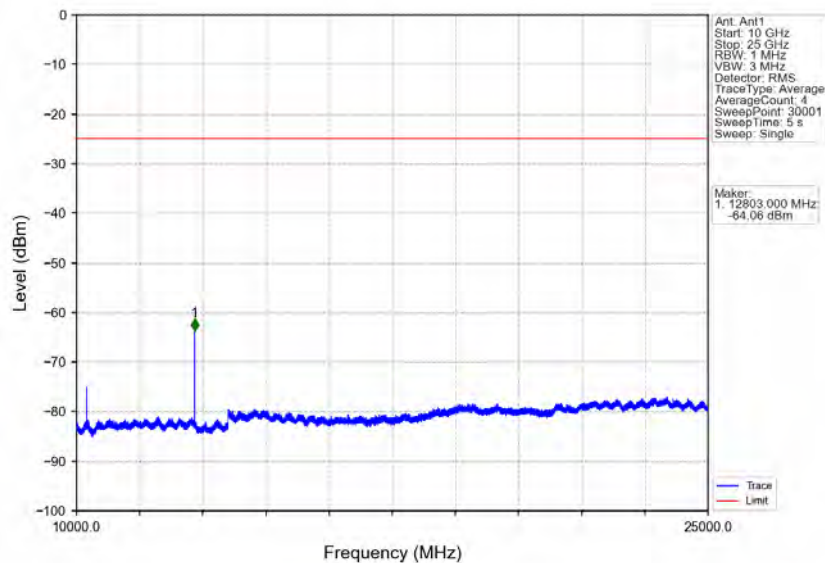
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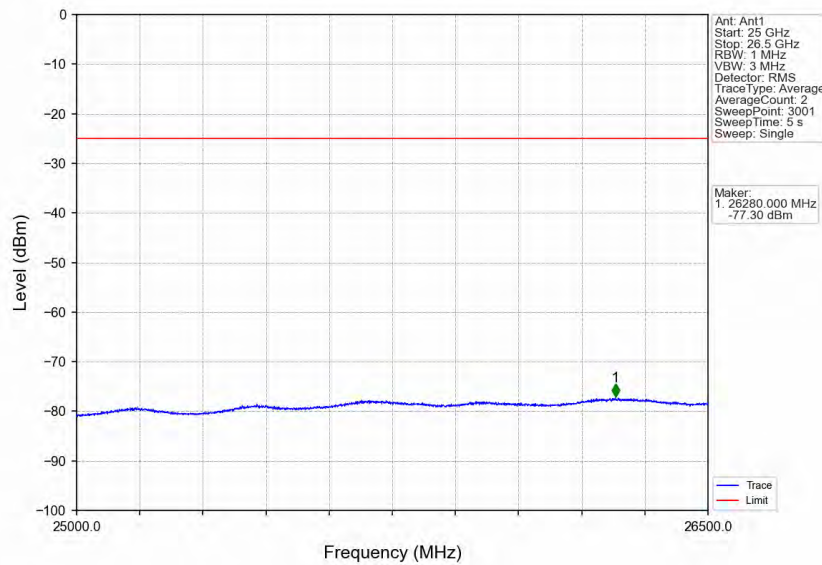
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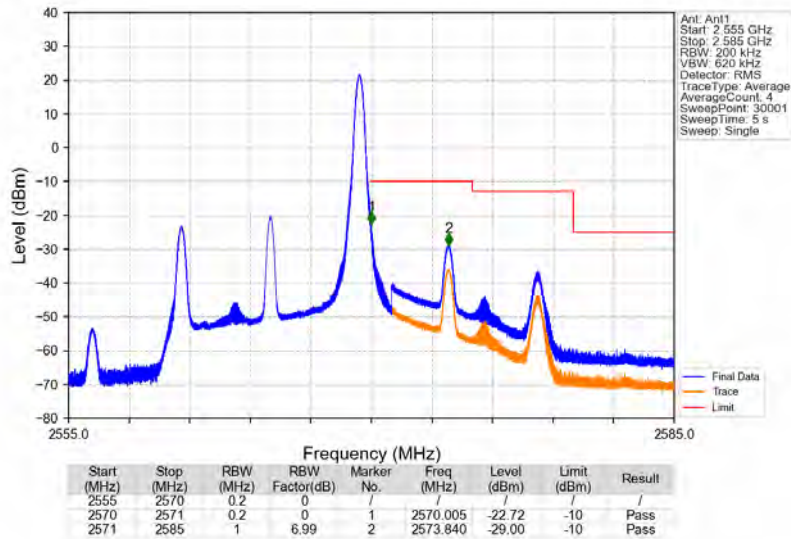
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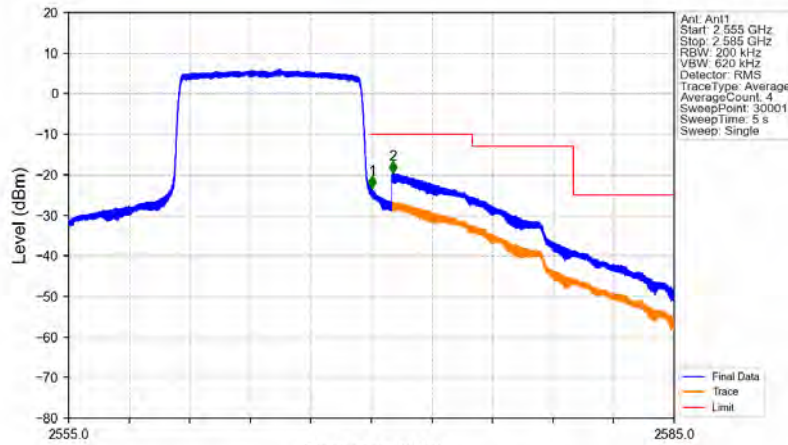
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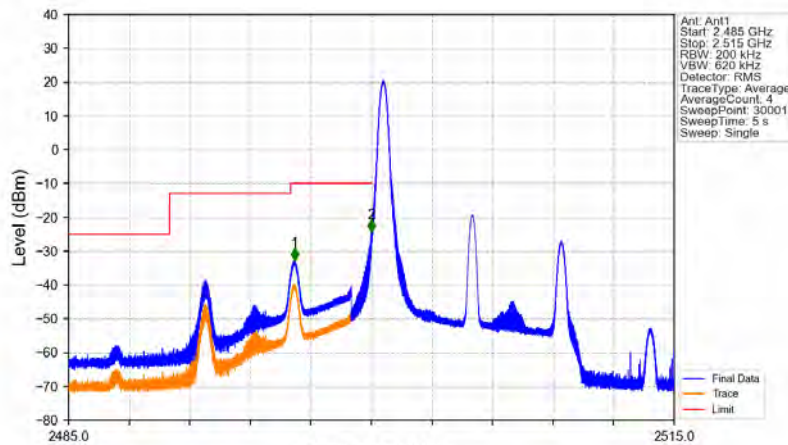
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.049	-23.46	-10	Pass
2571	2585	1	6.99	2	2571.059	-19.70	-10	Pass

Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	6.99	1	2496.196	-32.88	-10	Pass
2499	2500	0.2	0	2	2500.000	-24.42	-10	Pass
2500	2515	0.2	0	/	/	/	/	/



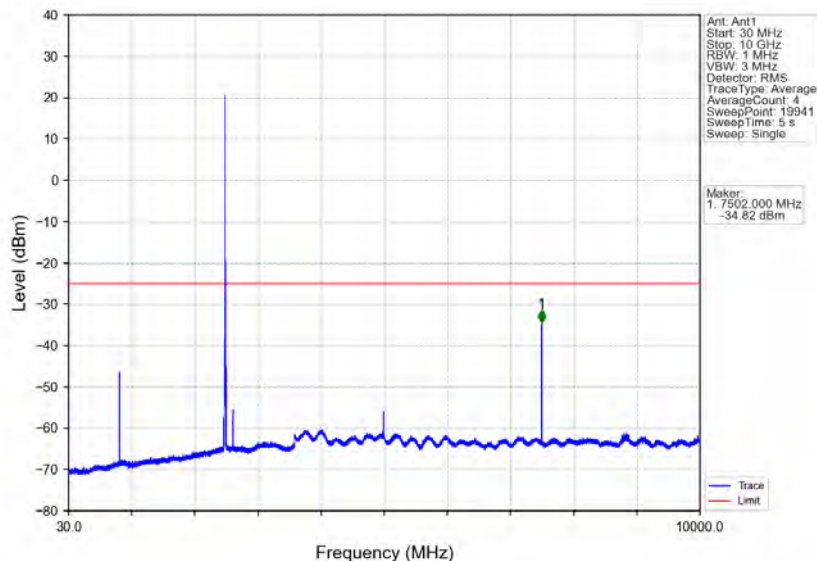
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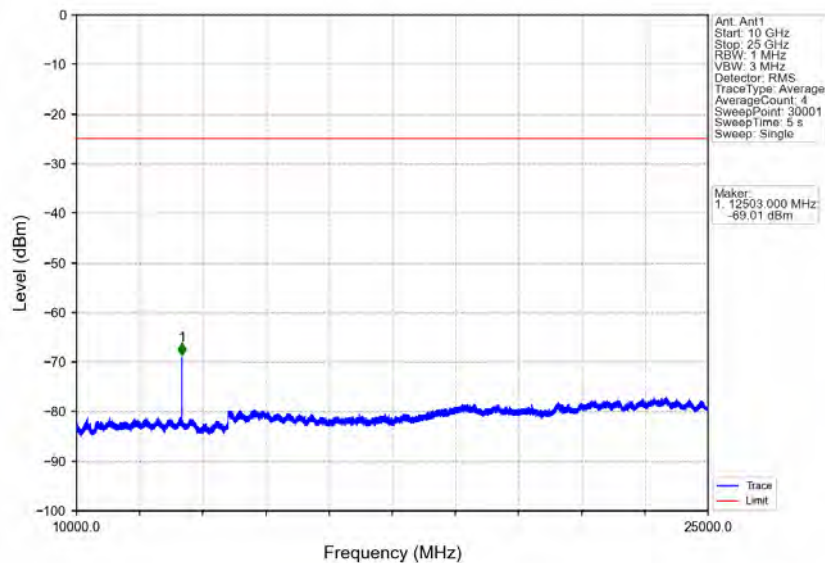
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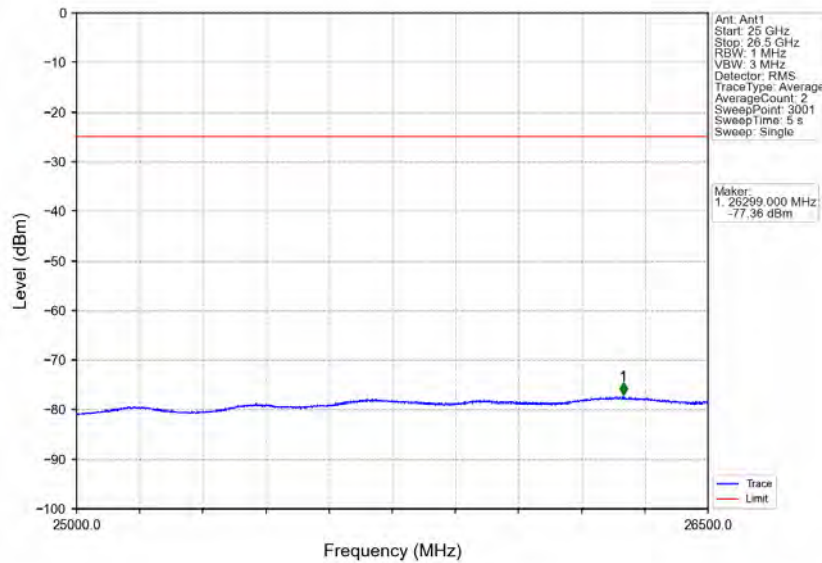
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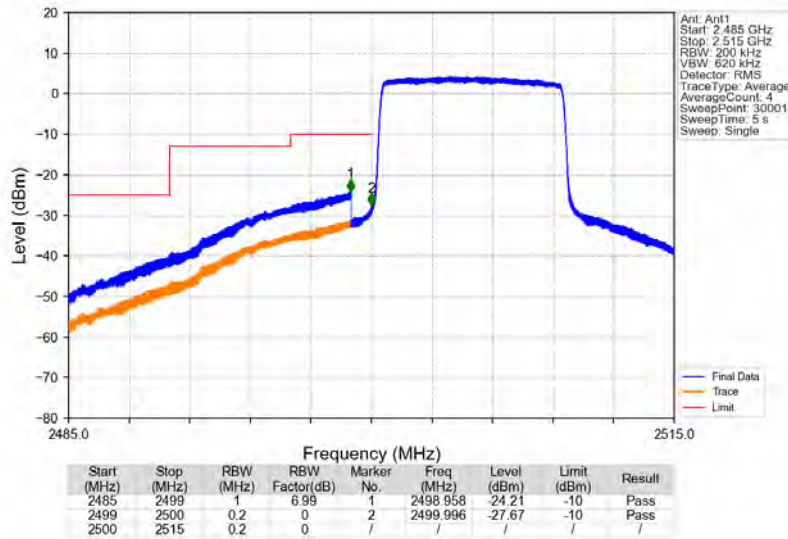
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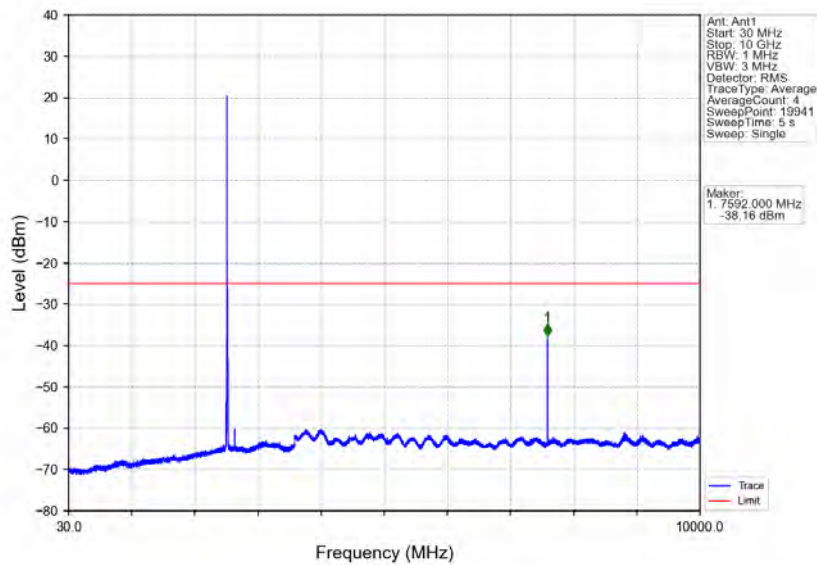
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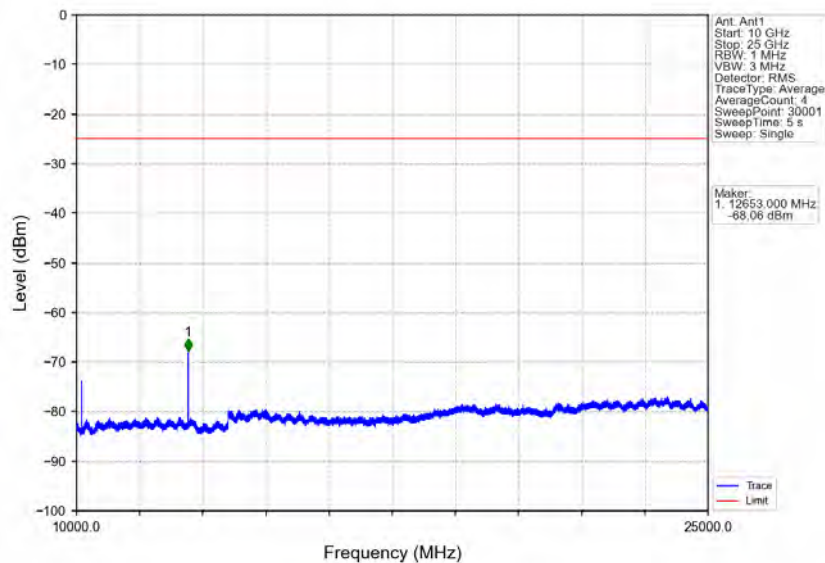
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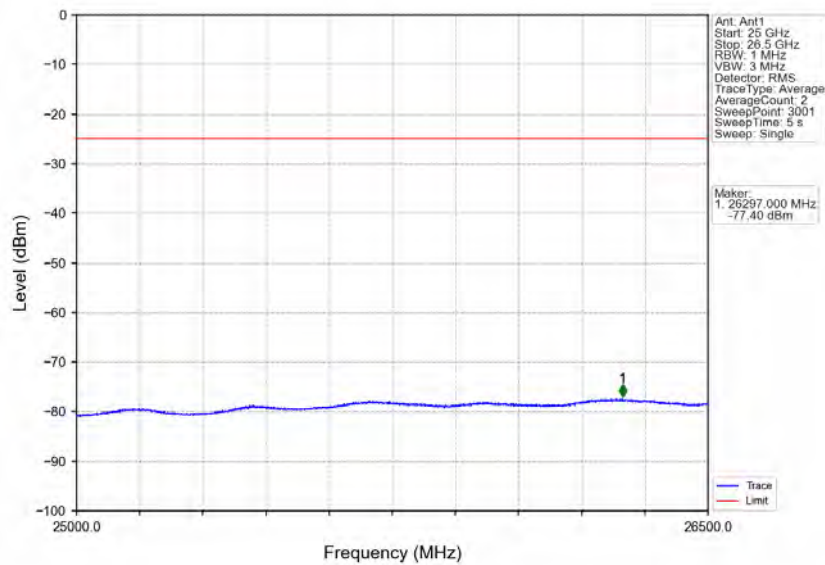
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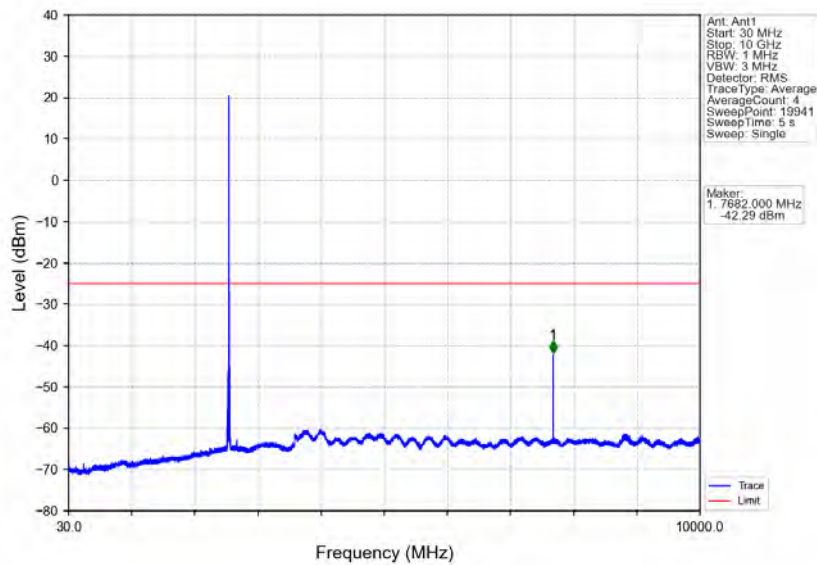
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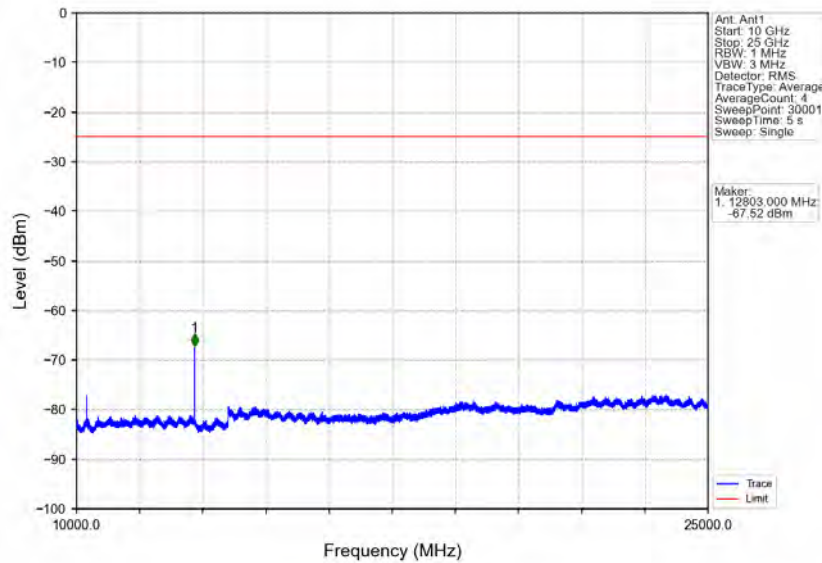
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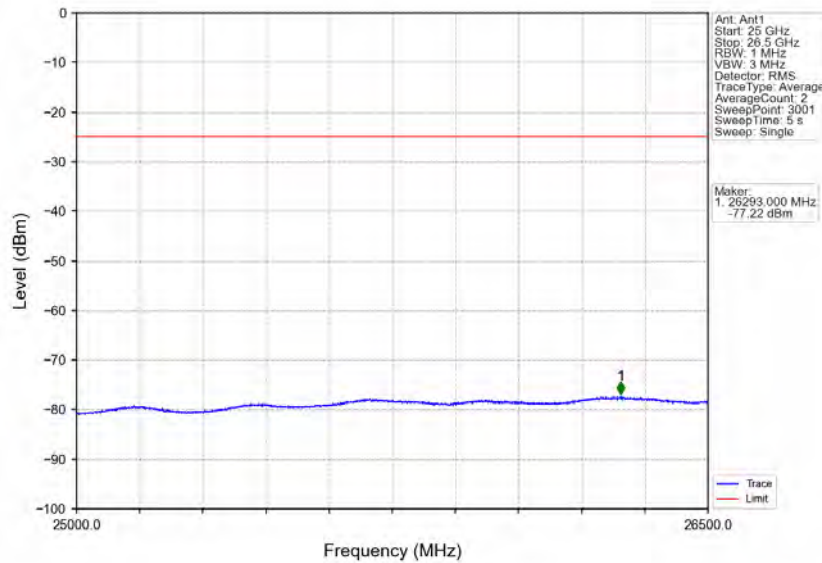
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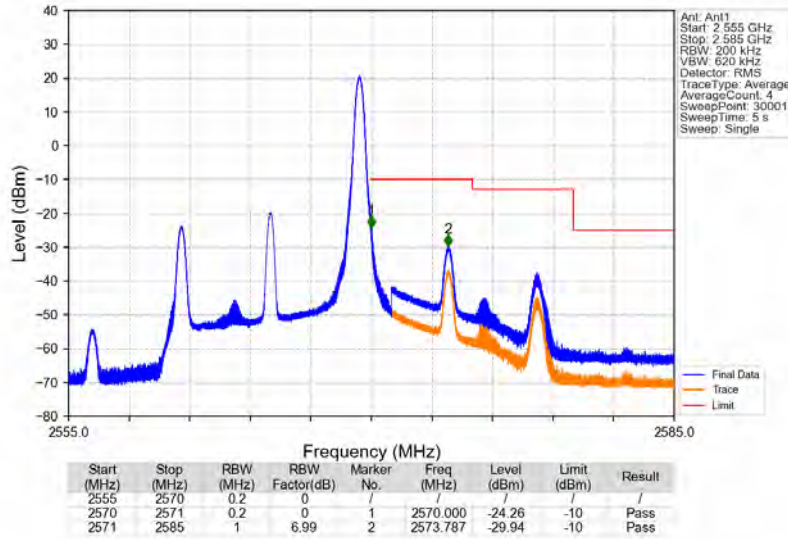
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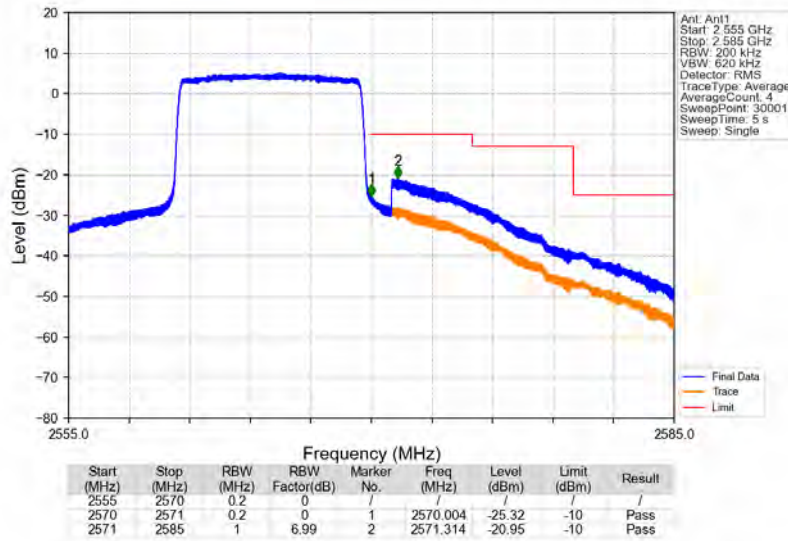
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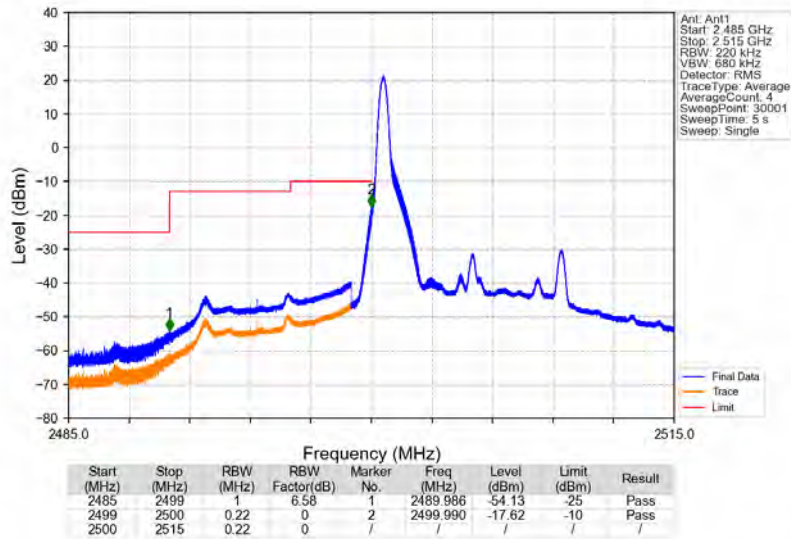
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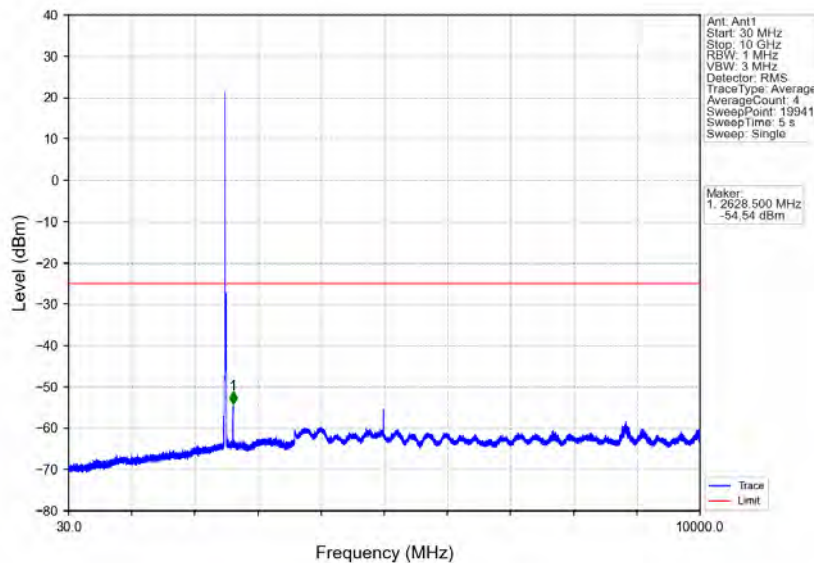
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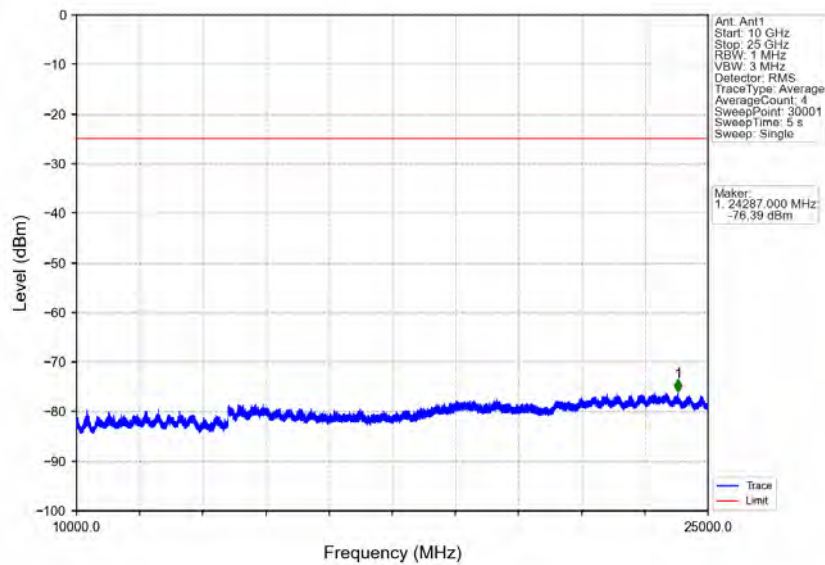
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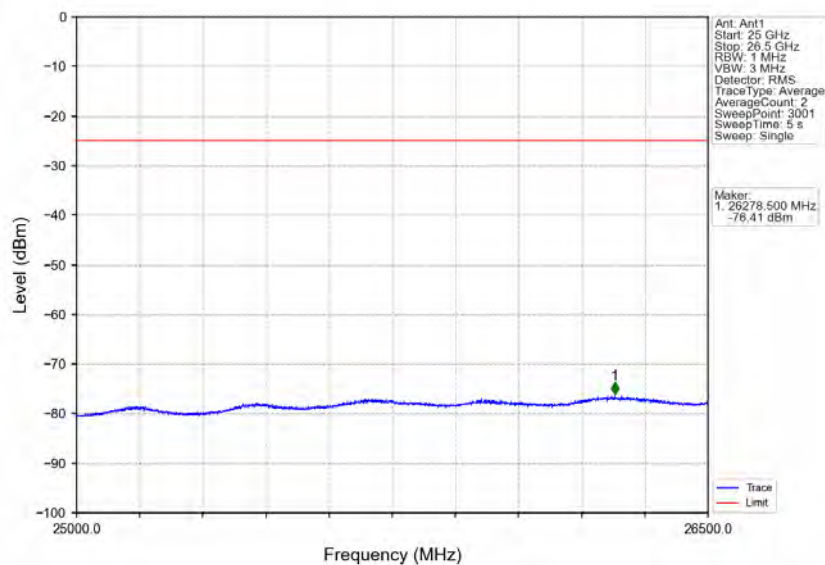
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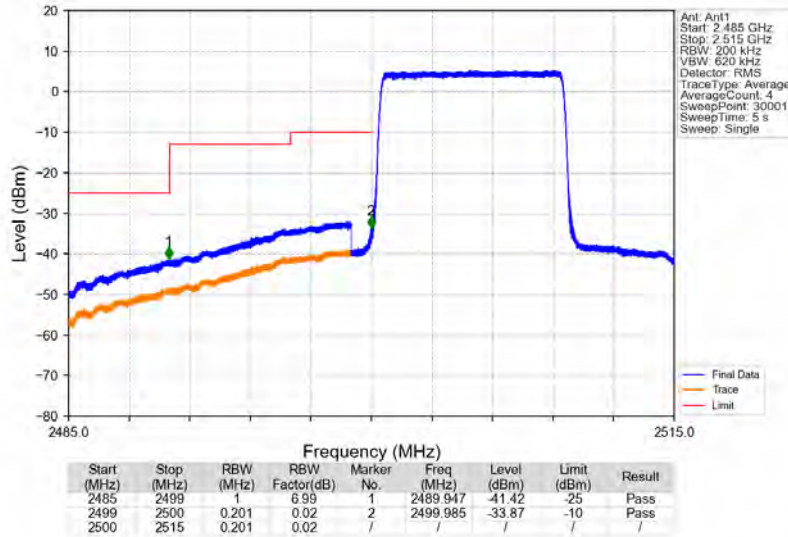
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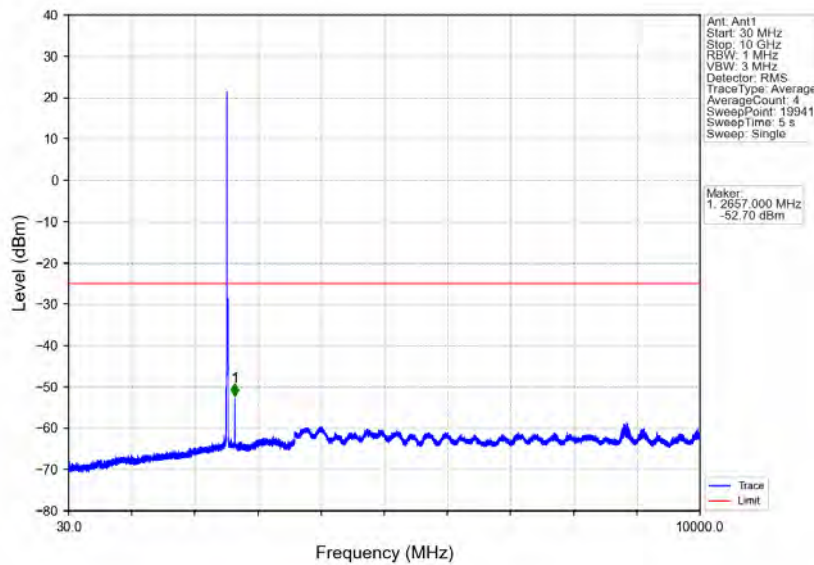
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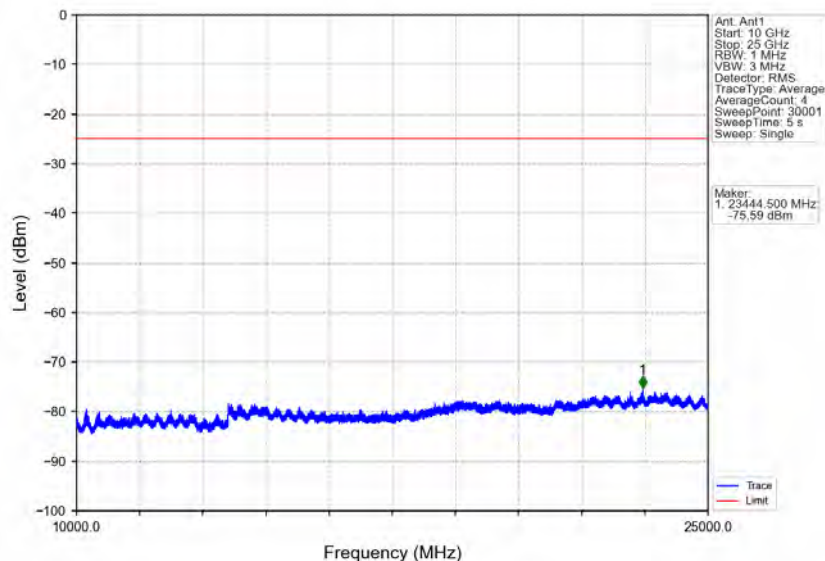
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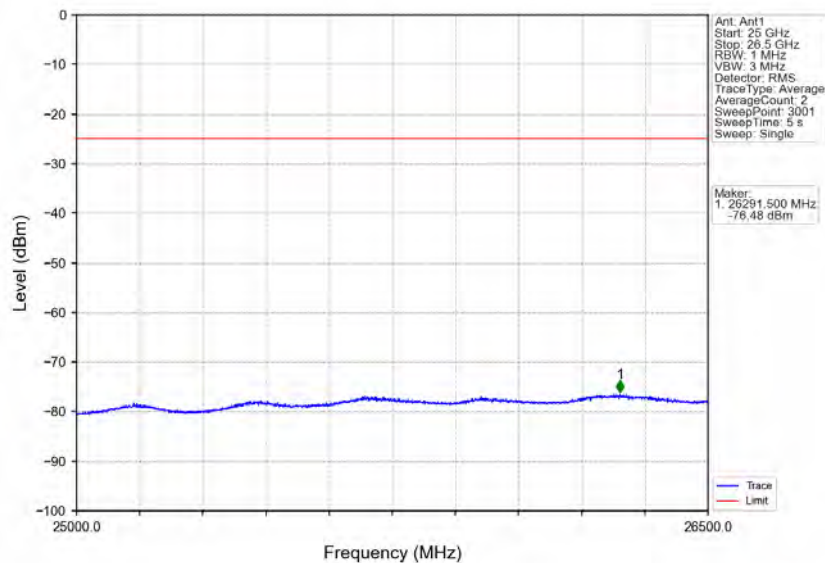
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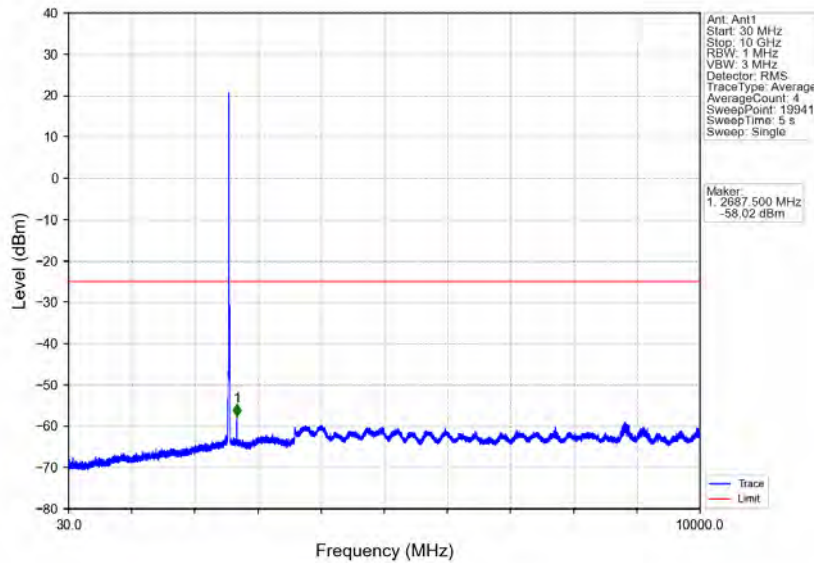
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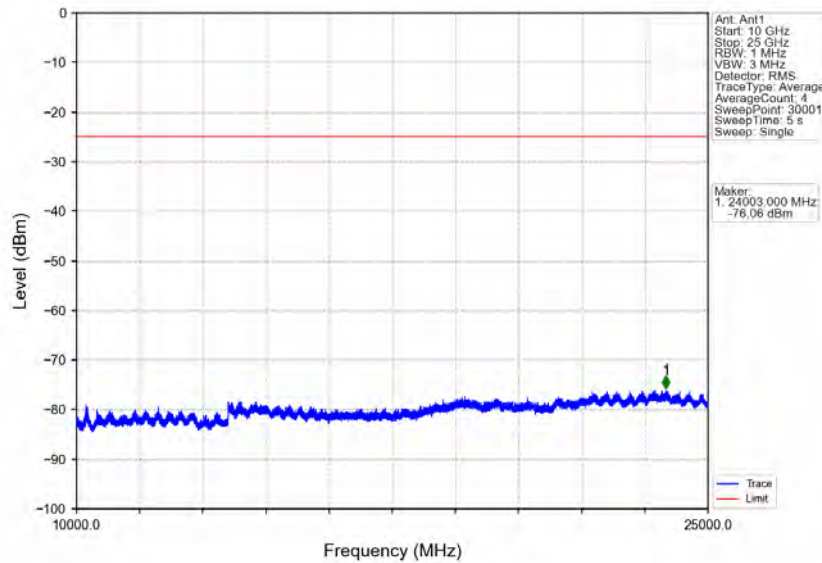
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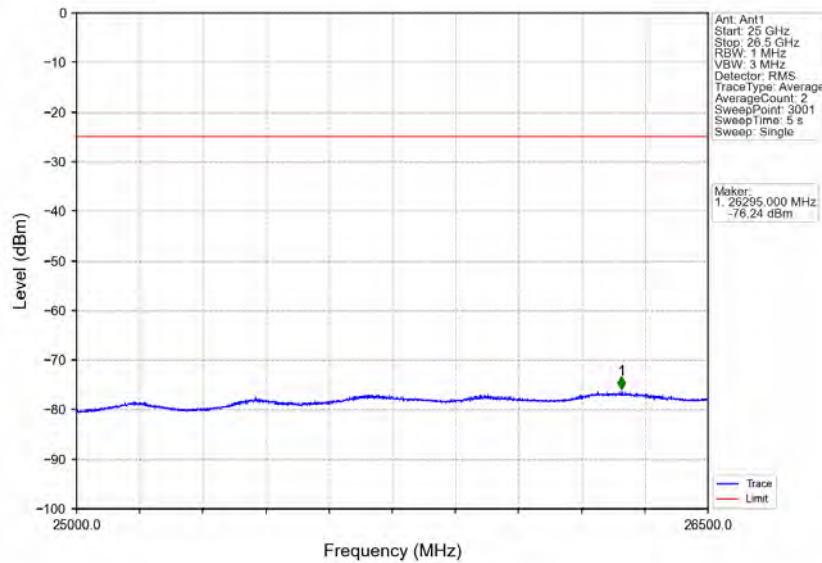
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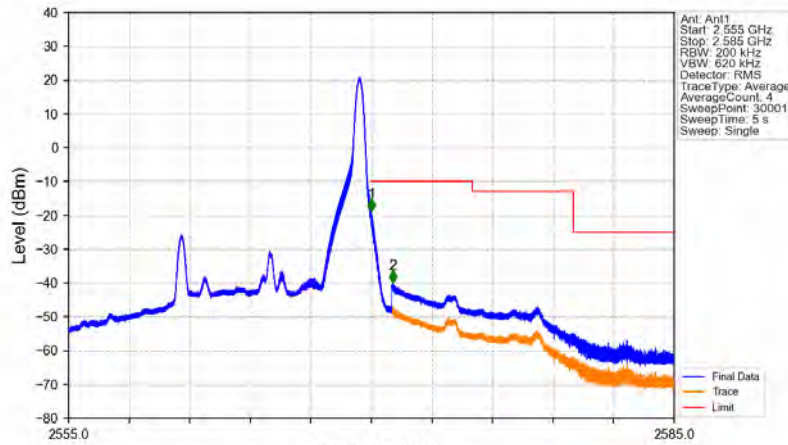
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Band7_10MHz_64QAM_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.011	-18.77	-10	Pass
2571	2585	1	6.99	2	2571.073	-40.09	-10	Pass



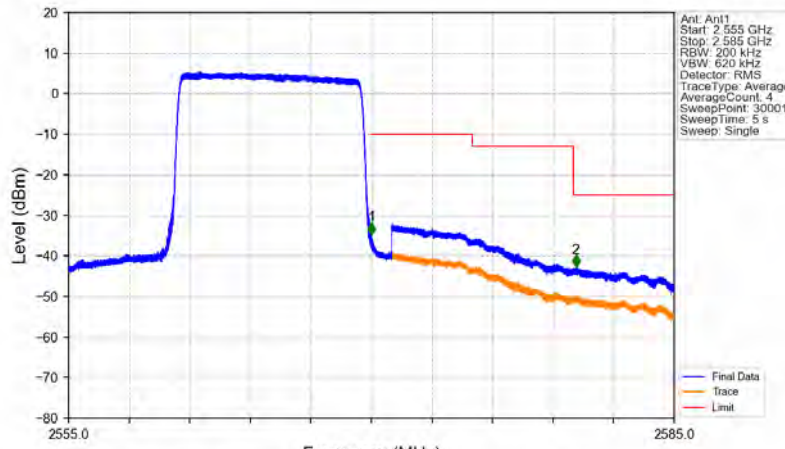
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	0	/	/	/	/	/
2570	2571	0.2	0	1	2570.009	-34.78	-10	Pass
2571	2585	1	6.99	2	2580.128	-42.85	-25	Pass



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6.3 B7_15MHz

6.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
		2562.5	1	0	Refer To Test Graph	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	
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	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	
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	
				74	Refer To Test Graph	
			75	0	Refer To Test Graph	

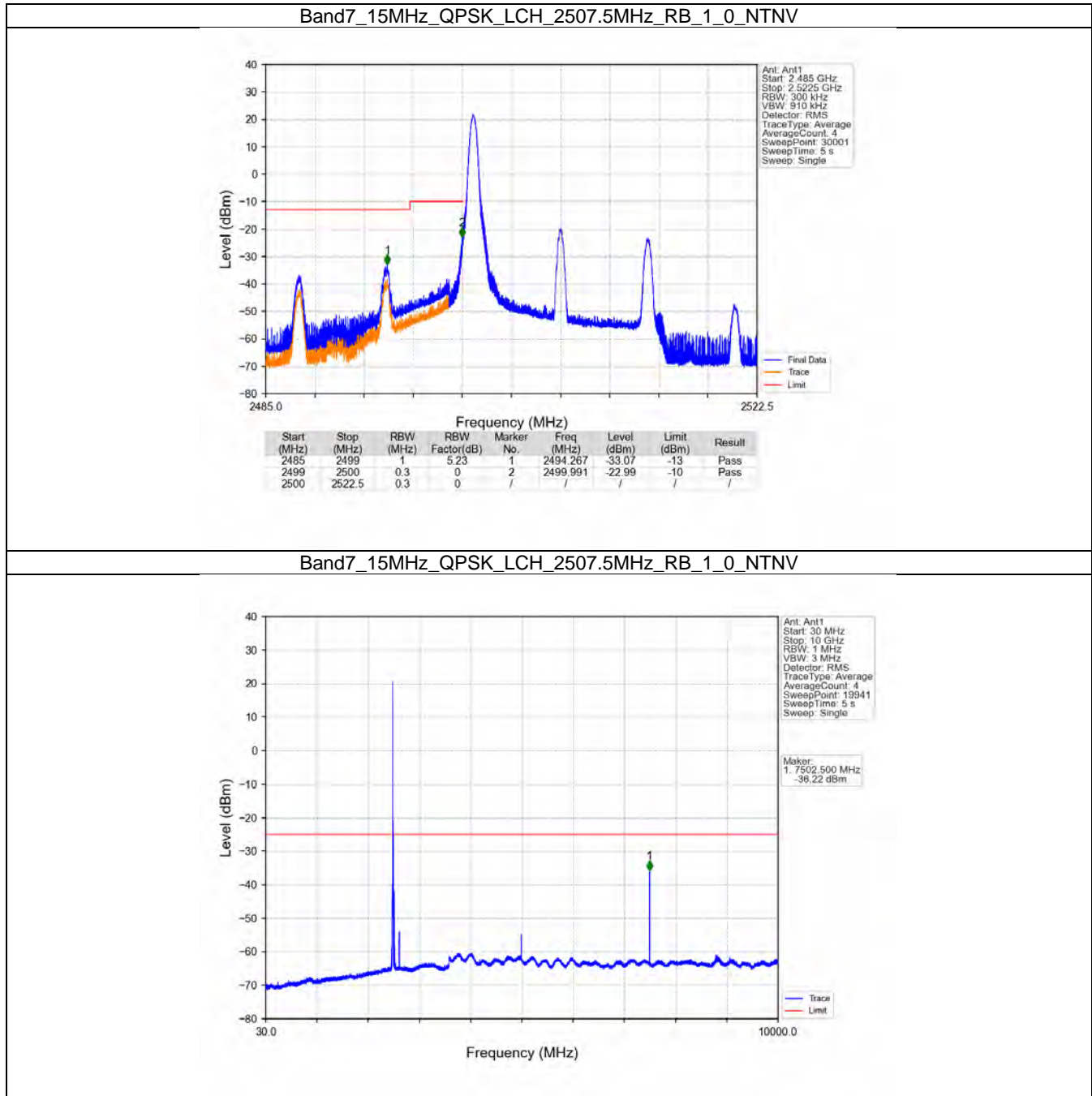


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6.3.2 Test Graph



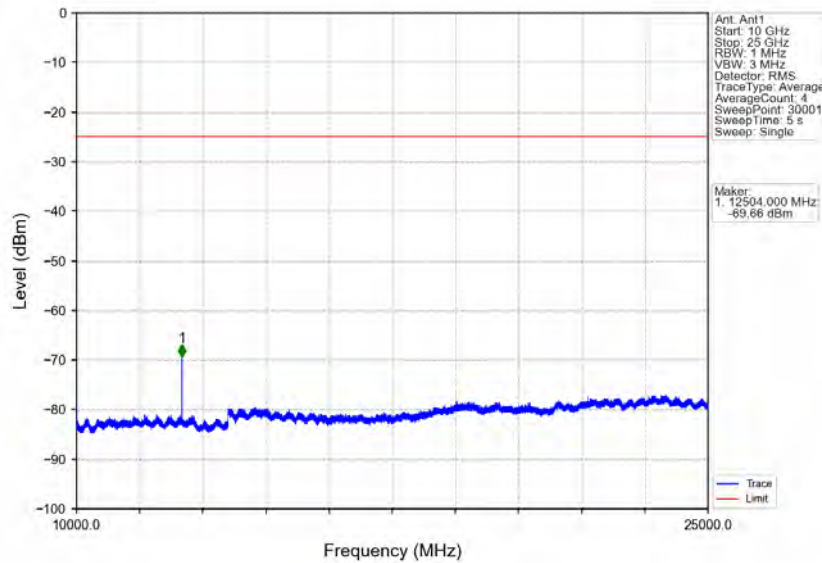
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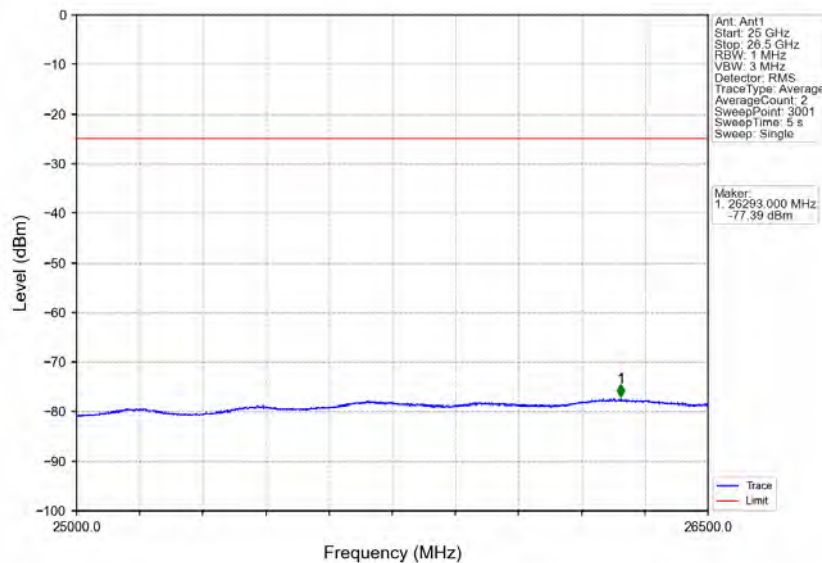
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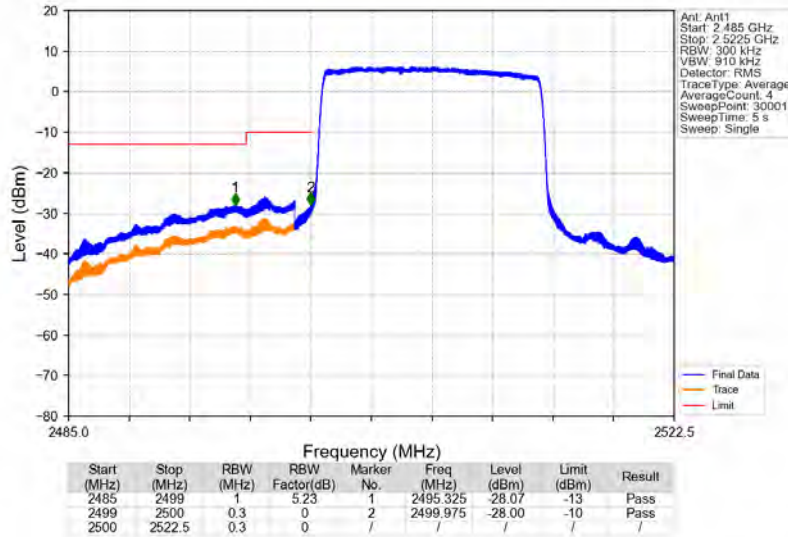
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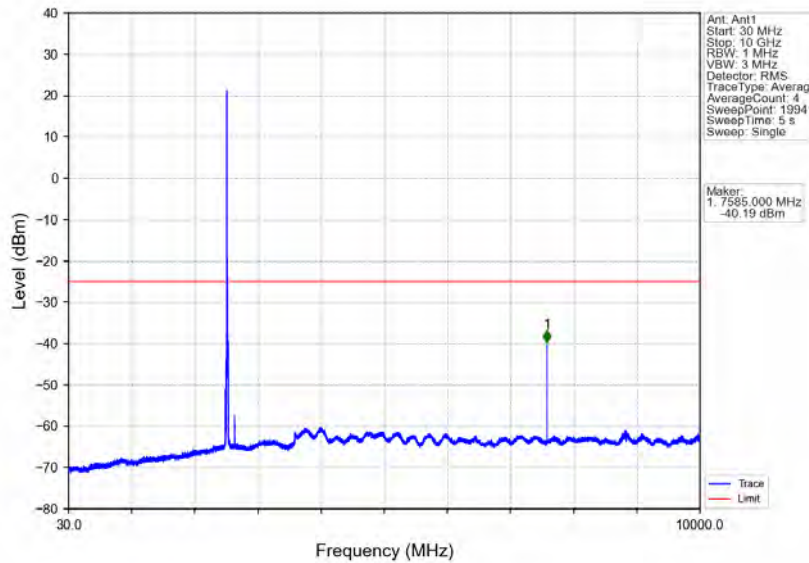
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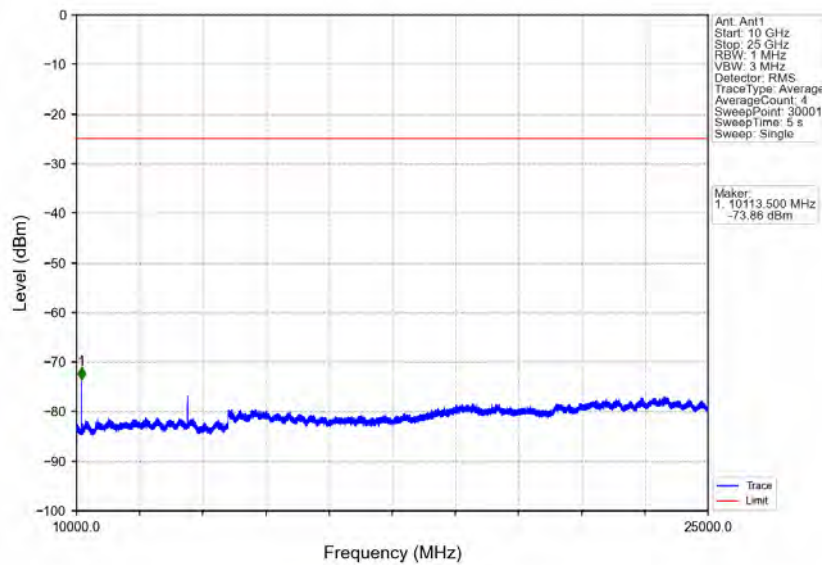
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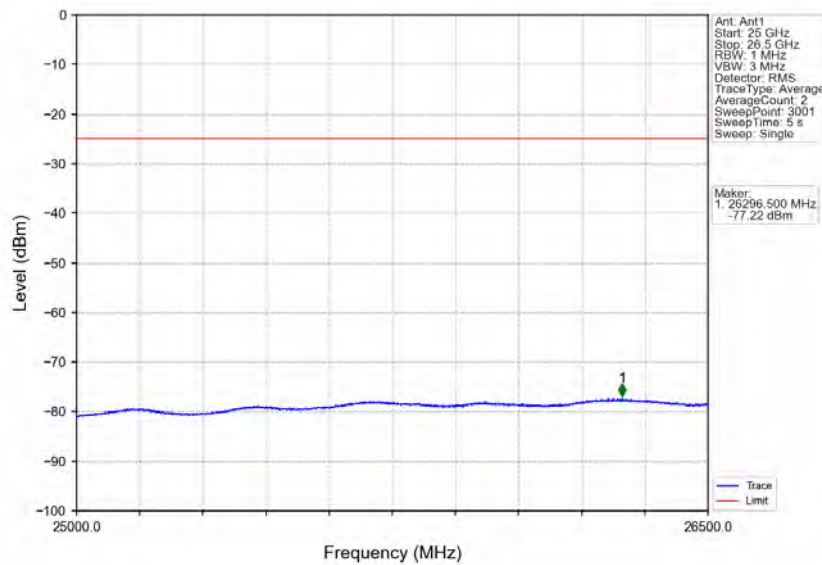


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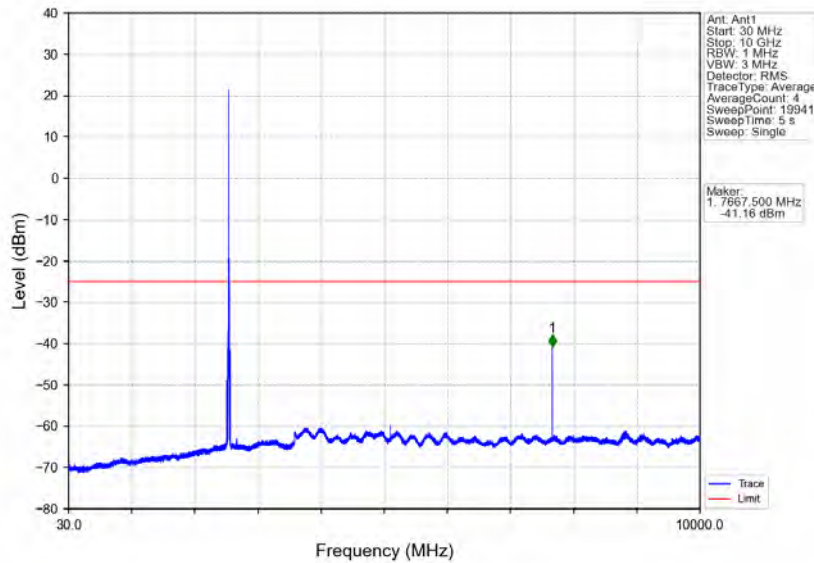
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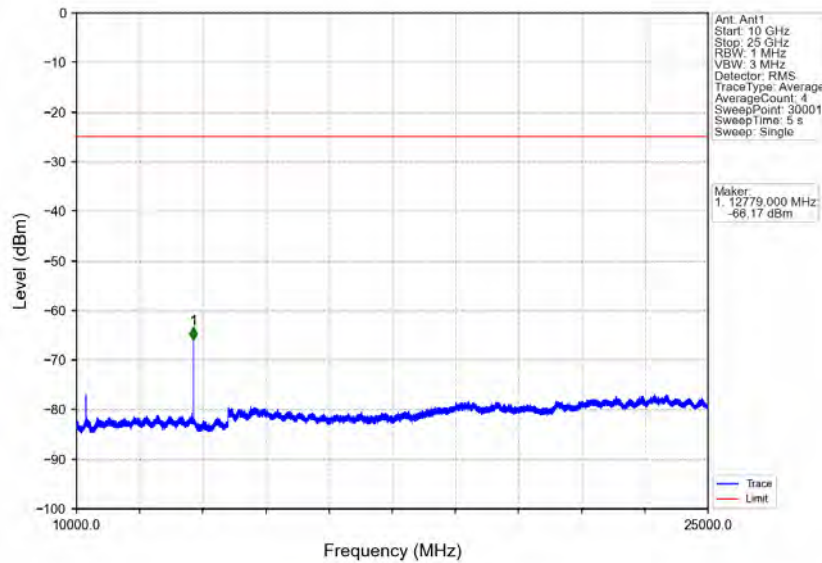
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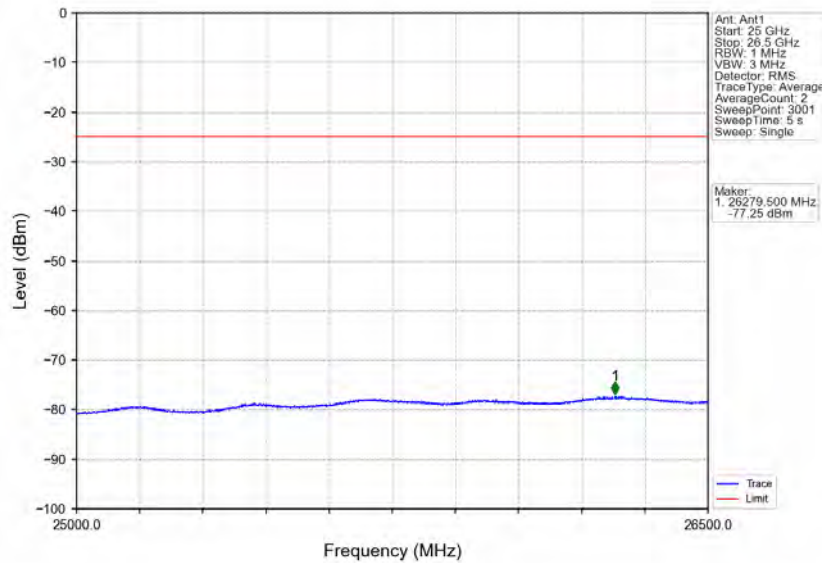
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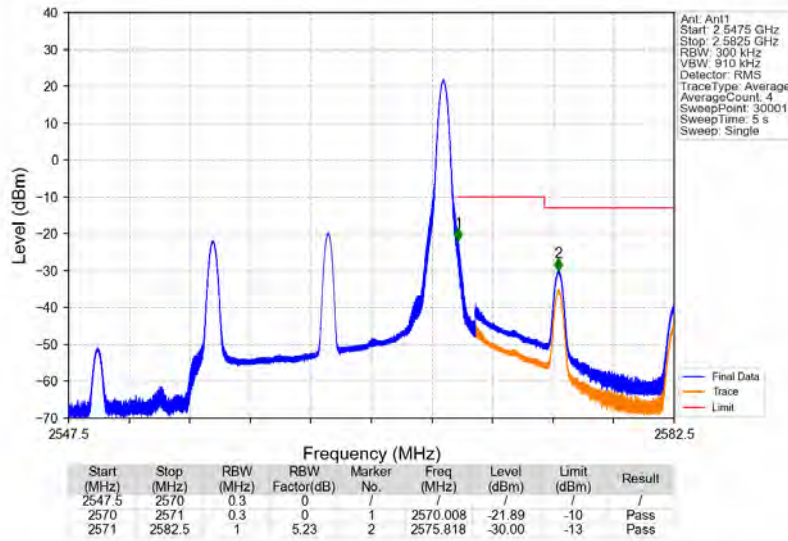
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



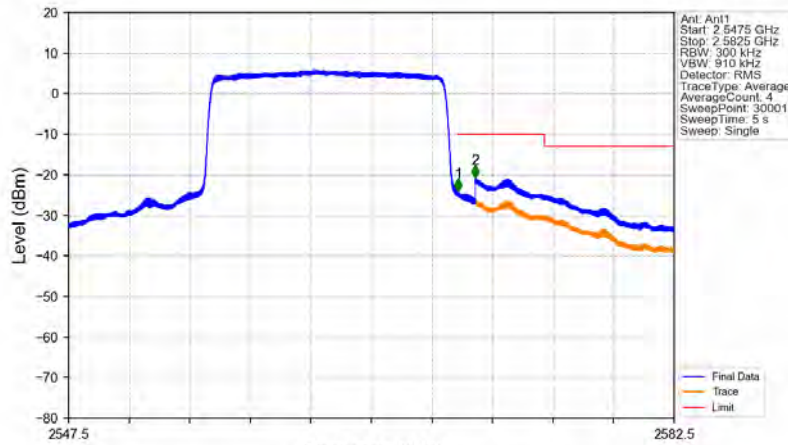
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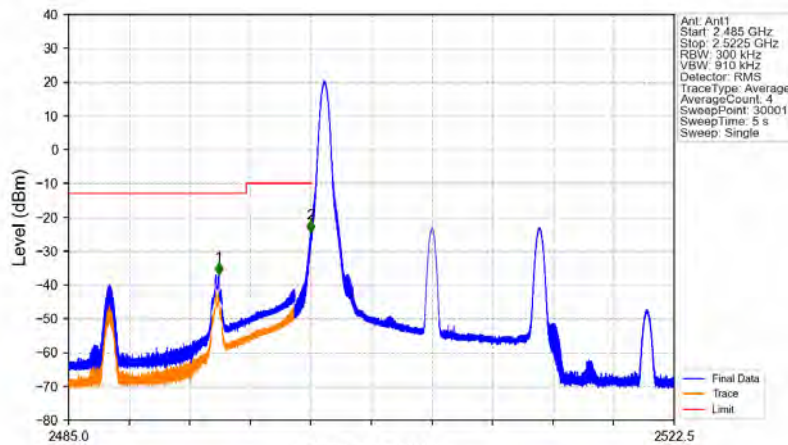
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	0	/	/	/	/	/
2570	2571	0.3	0	1	2570.010	-24.06	-10	Pass
2571	2582.5	1	5.23	2	2571.018	-20.80	-10	Pass

Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	5.23	1	2494.305	-37.07	-13	Pass
2499	2500	0.3	0	2	2499.990	-24.51	-10	Pass
2500	2522.5	0.3	0	/	/	/	/	/



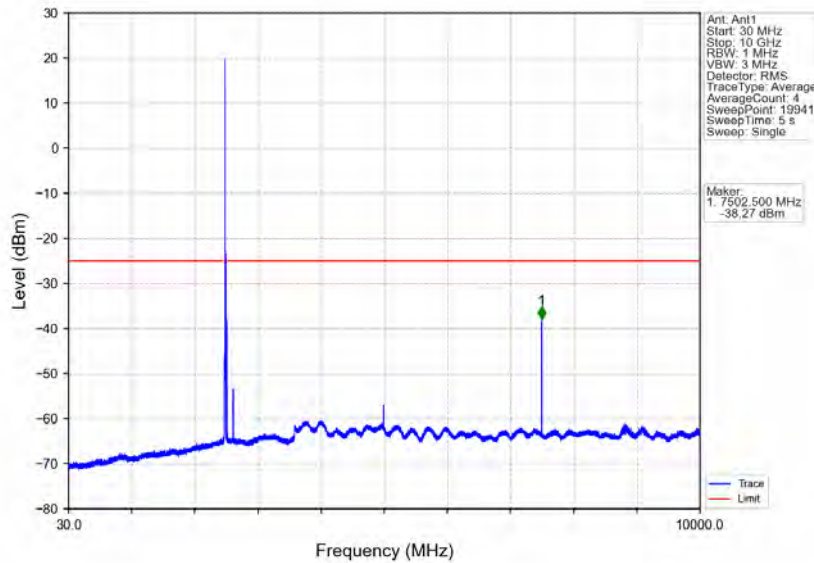
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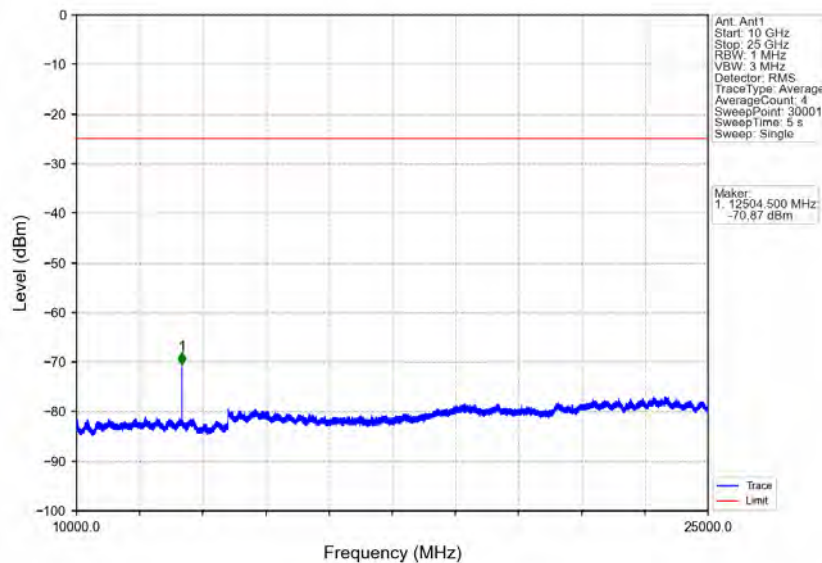
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



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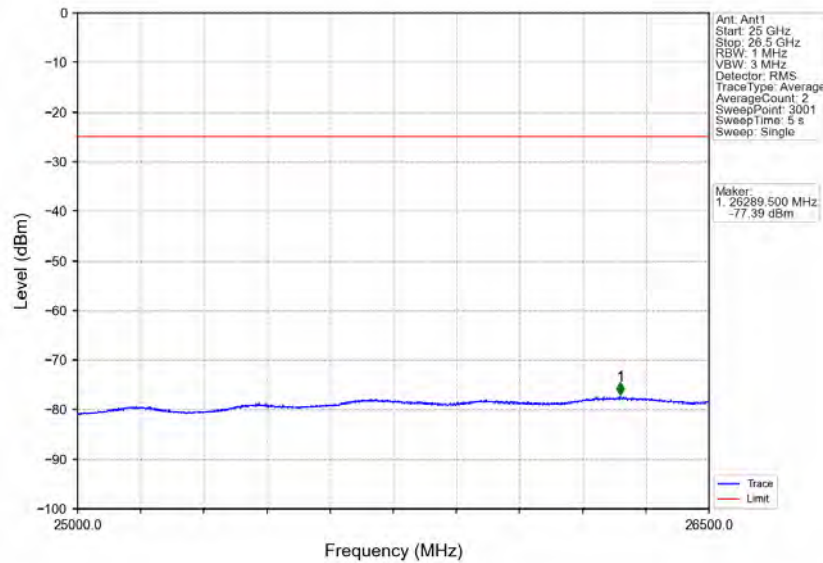
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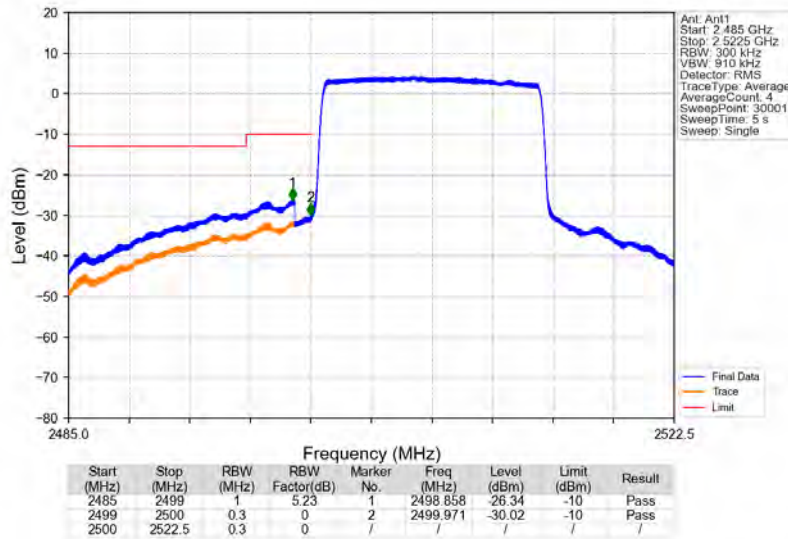
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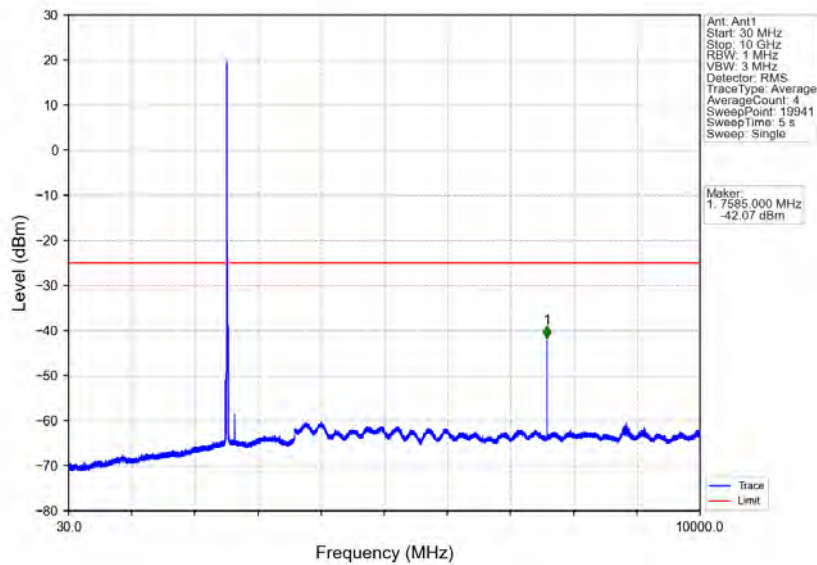
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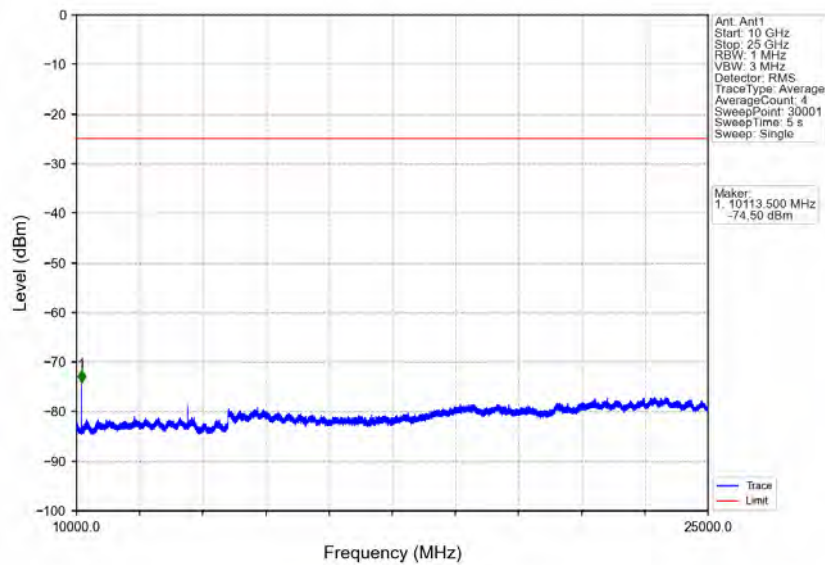
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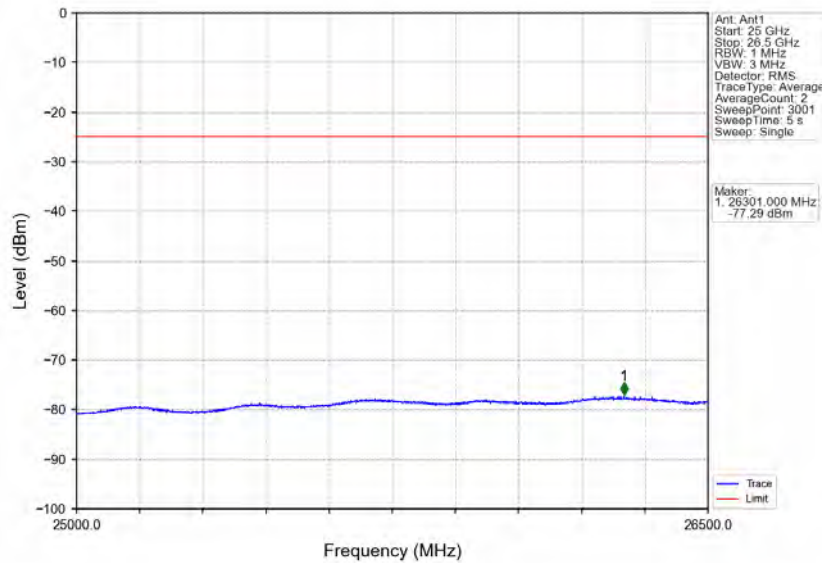
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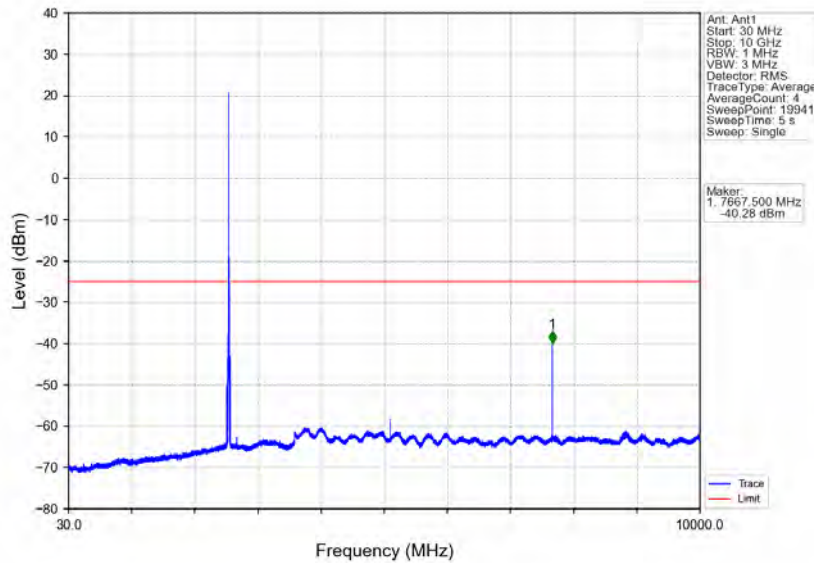
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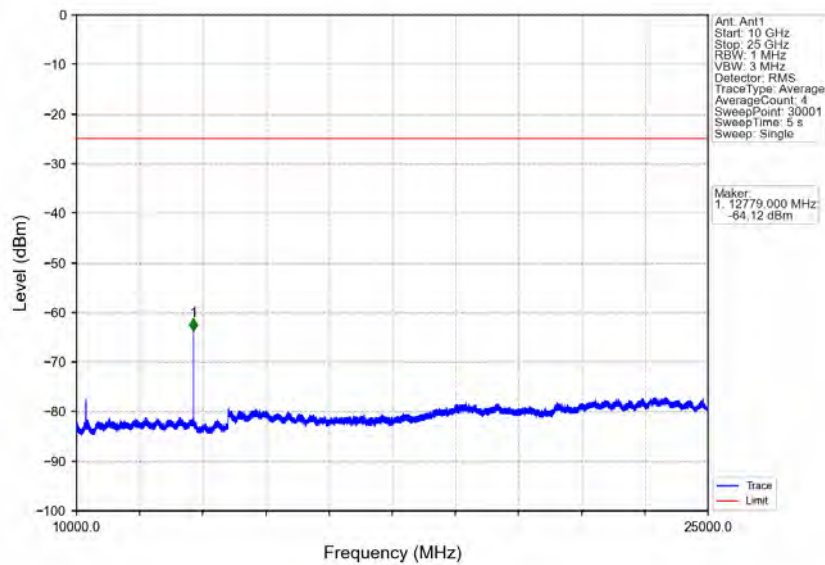


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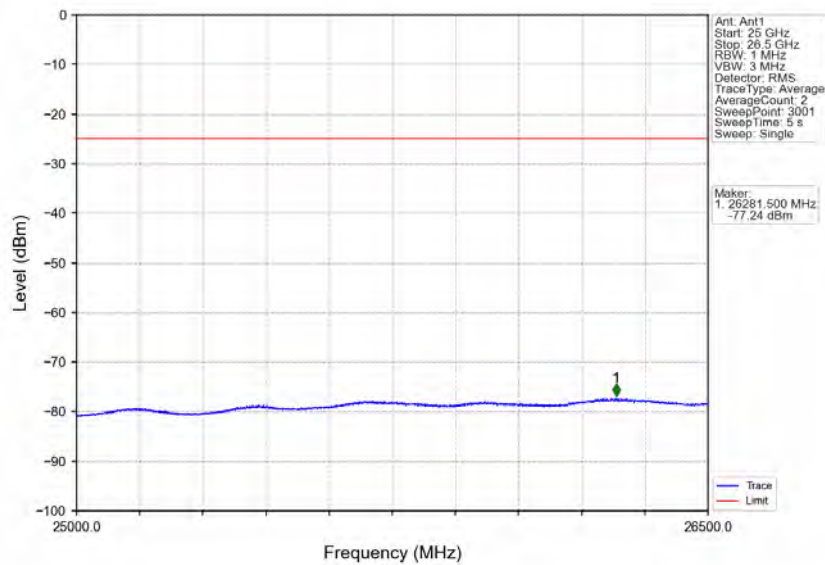
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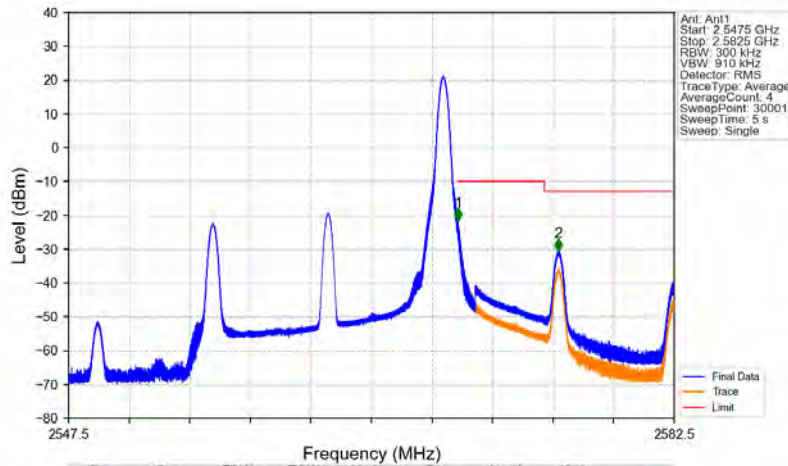
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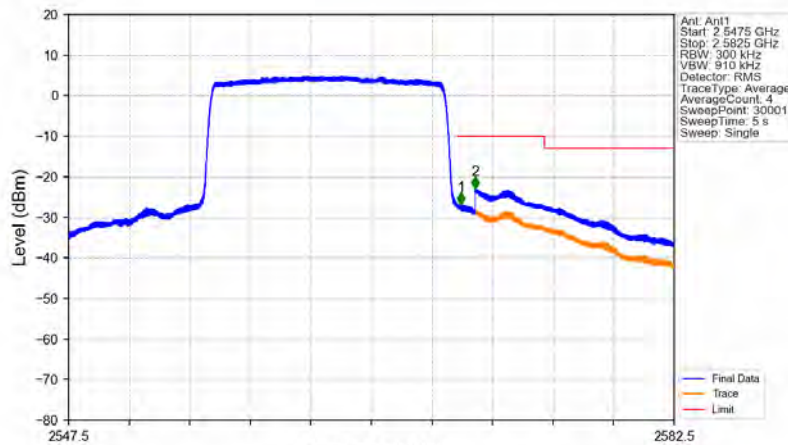
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	0	/	/	/	/	/
2570	2571	0.3	0	1	2570.014	-21.59	-10	Pass
2571	2582.5	1	5.23	2	2575.808	-30.58	-13	Pass

Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	0	/	/	/	/	/
2570	2571	0.3	0	1	2570.191	-26.86	-10	Pass
2571	2582.5	1	5.23	2	2571.010	-23.11	-10	Pass



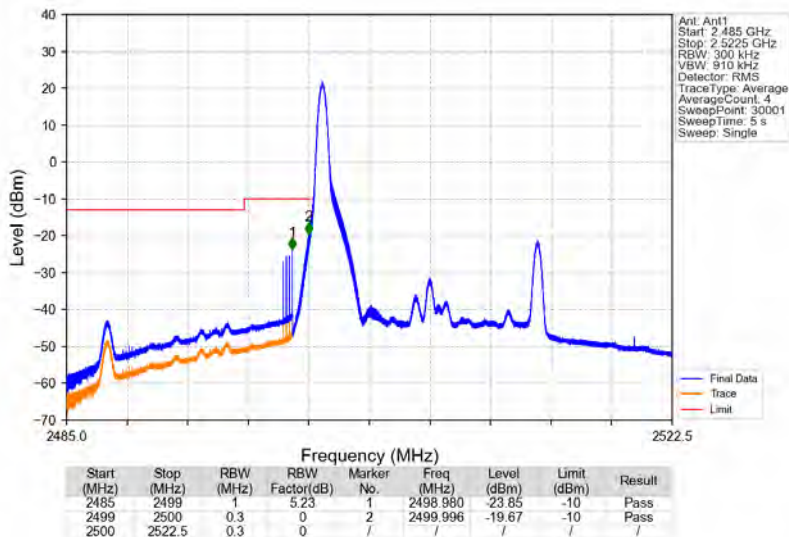
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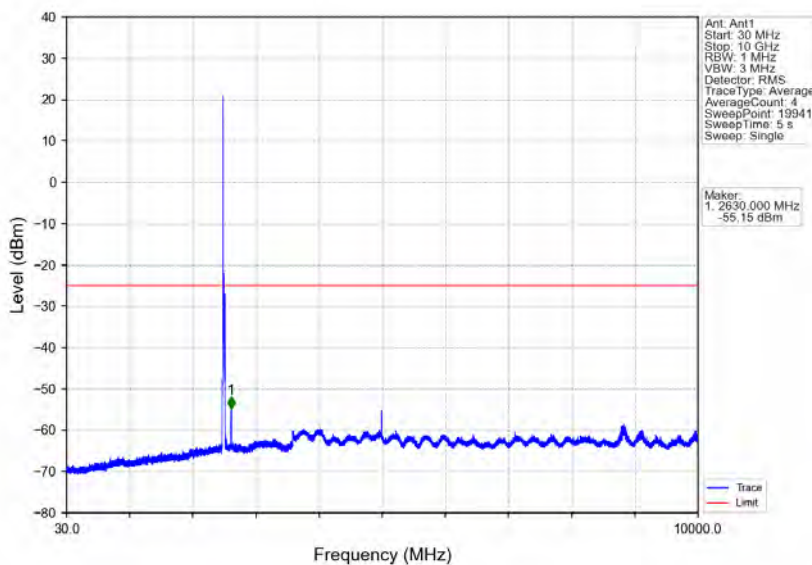
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_1_0_NTNV



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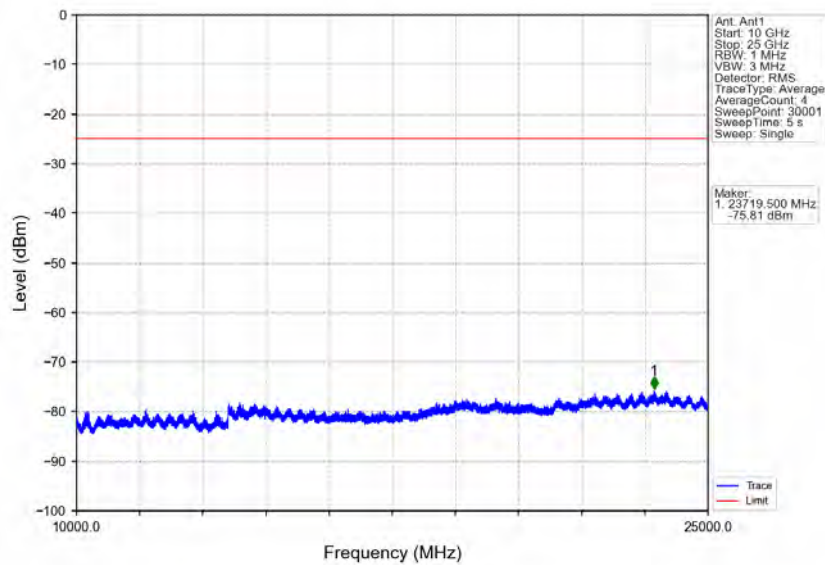
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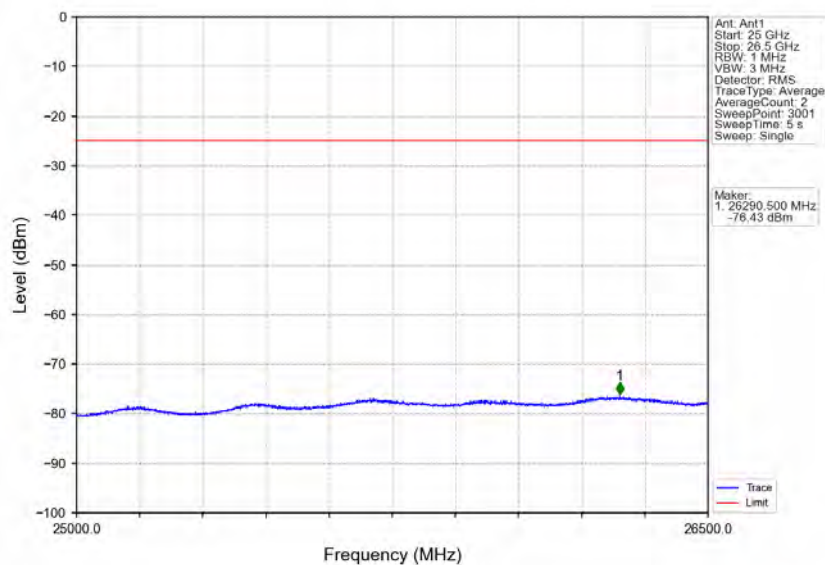
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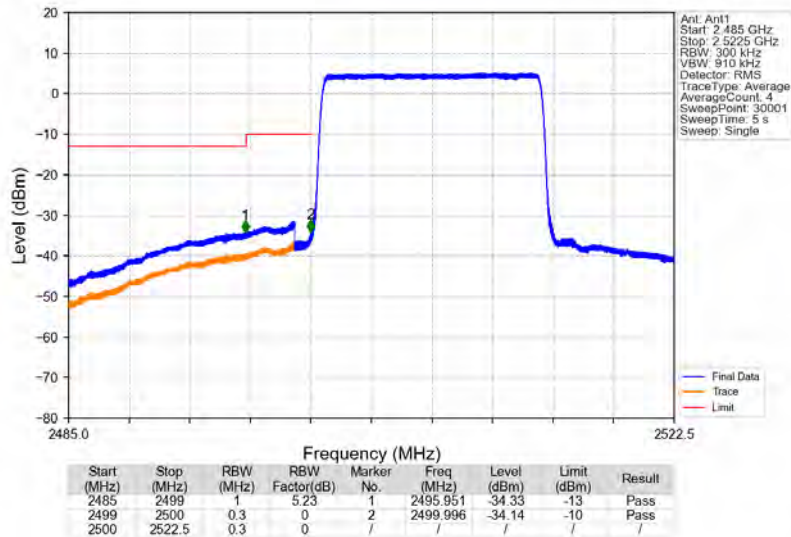
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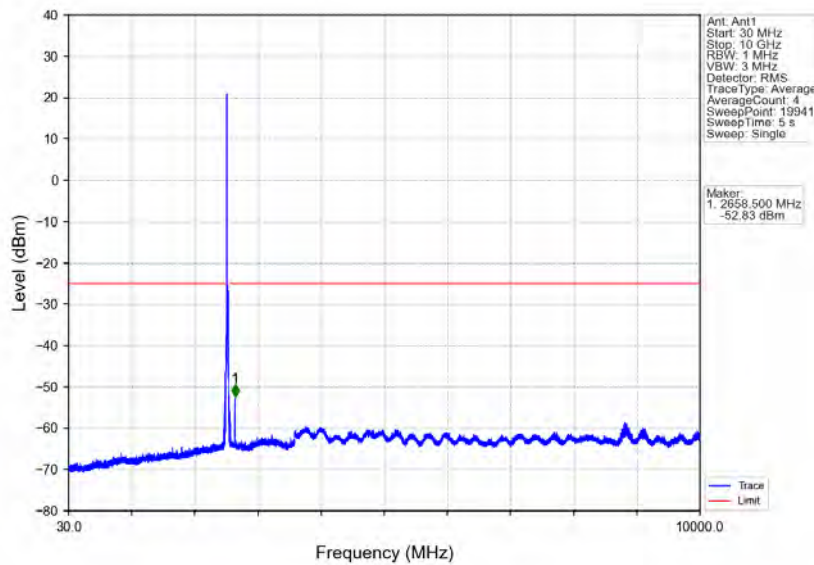
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Band7_15MHz_64QAM_MCH_2535MHz_RB_1_0_NTNV



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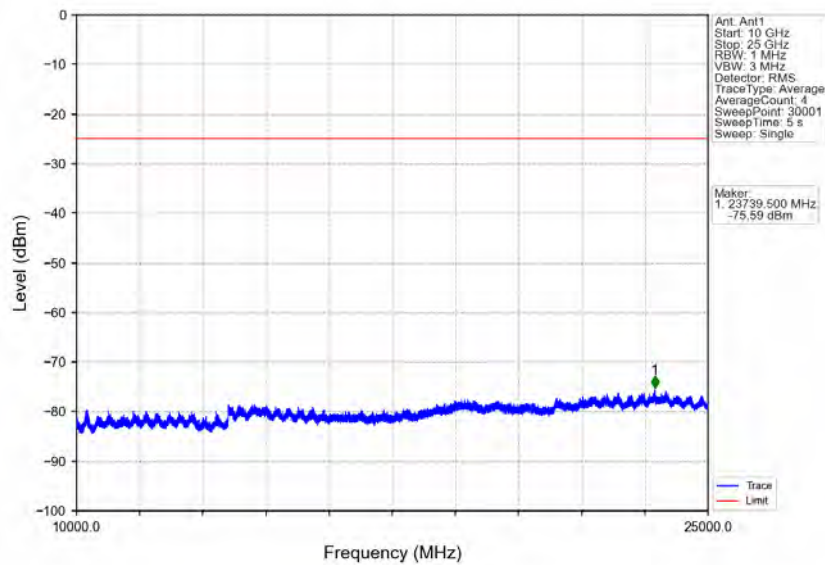
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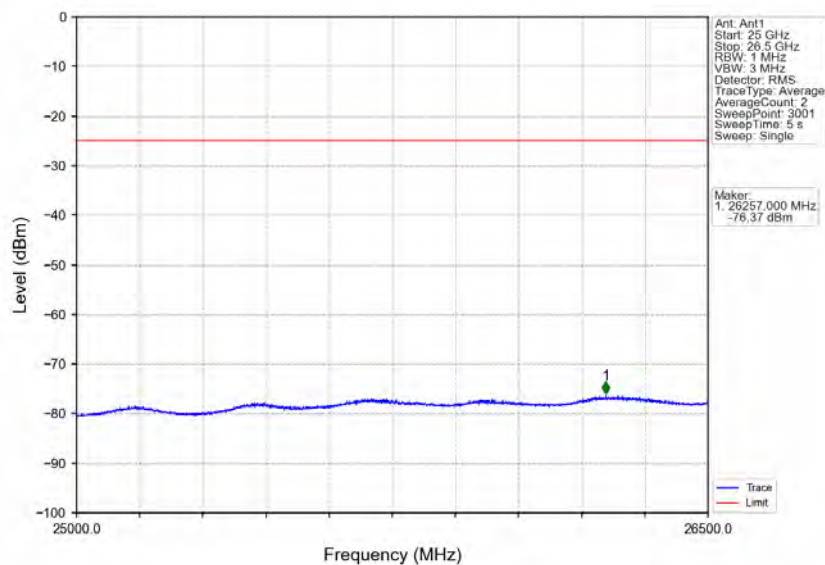
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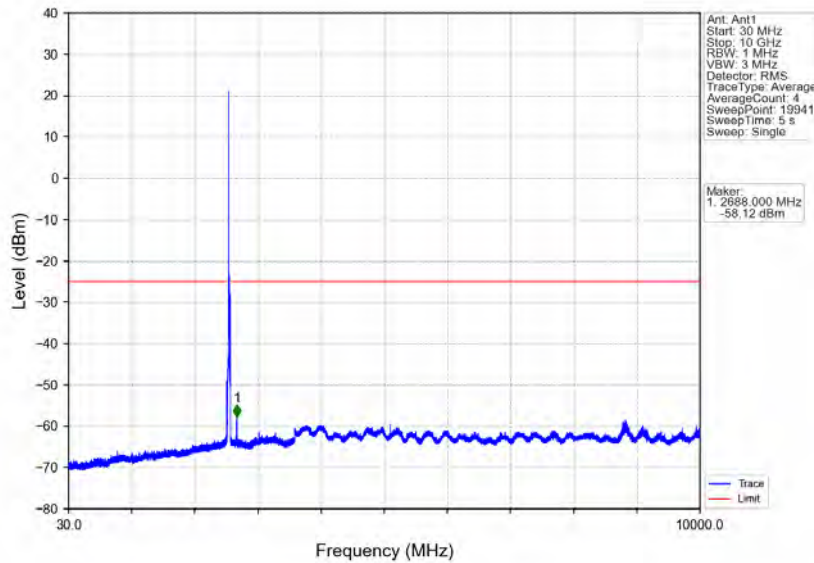
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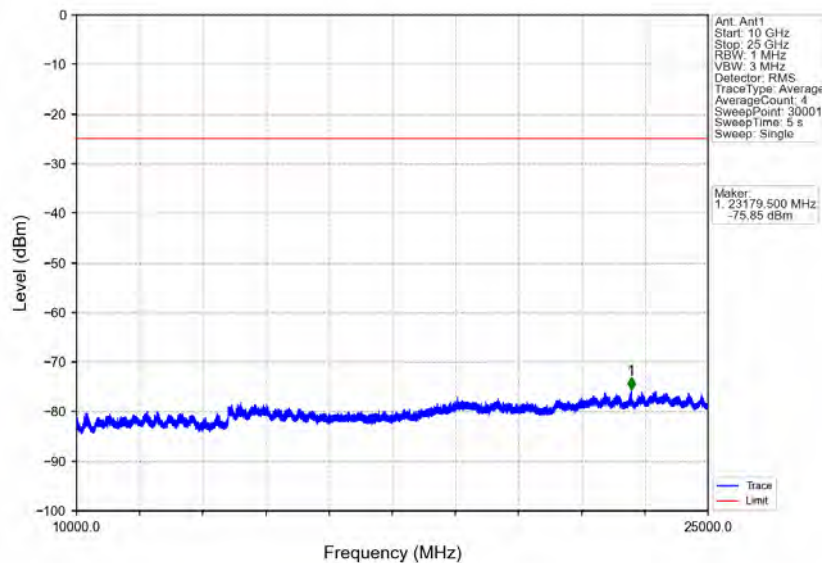
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_1_0_NTNV



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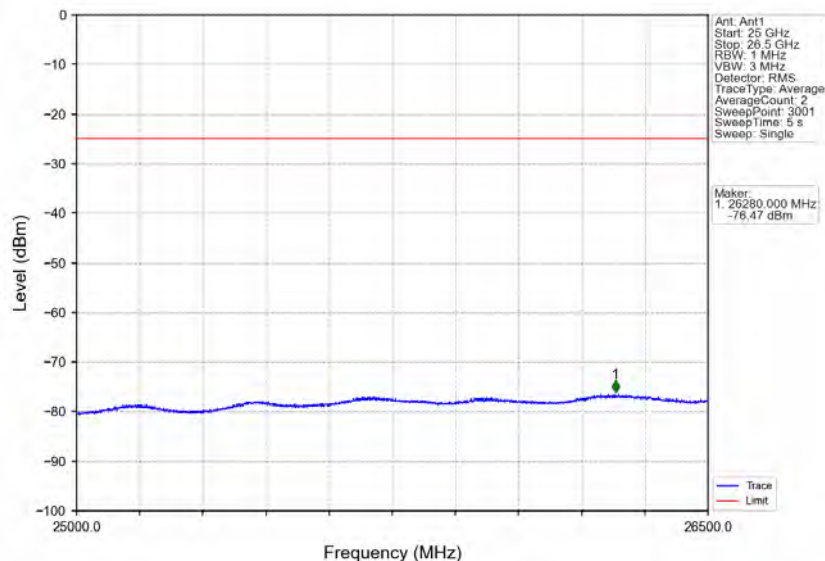
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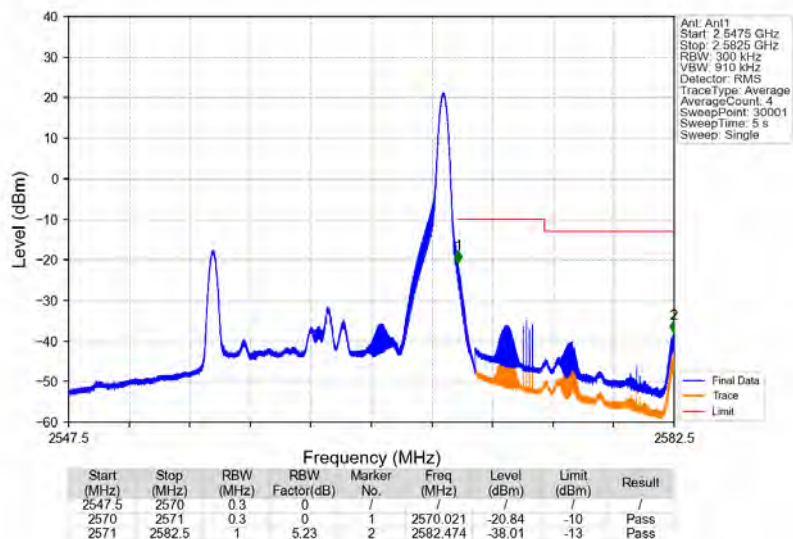
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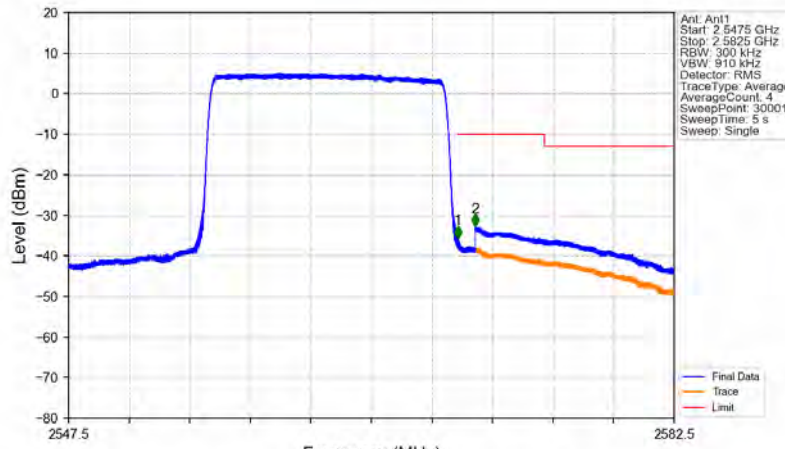
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Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	0	/	/	/	/	/
2570	2571	0.3	0	1	2570.004	-35.67	-10	Pass
2571	2582.5	1	5.23	2	2571.007	-32.81	-10	Pass



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6.4 B7_20MHz

6.4.1 Test Result

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



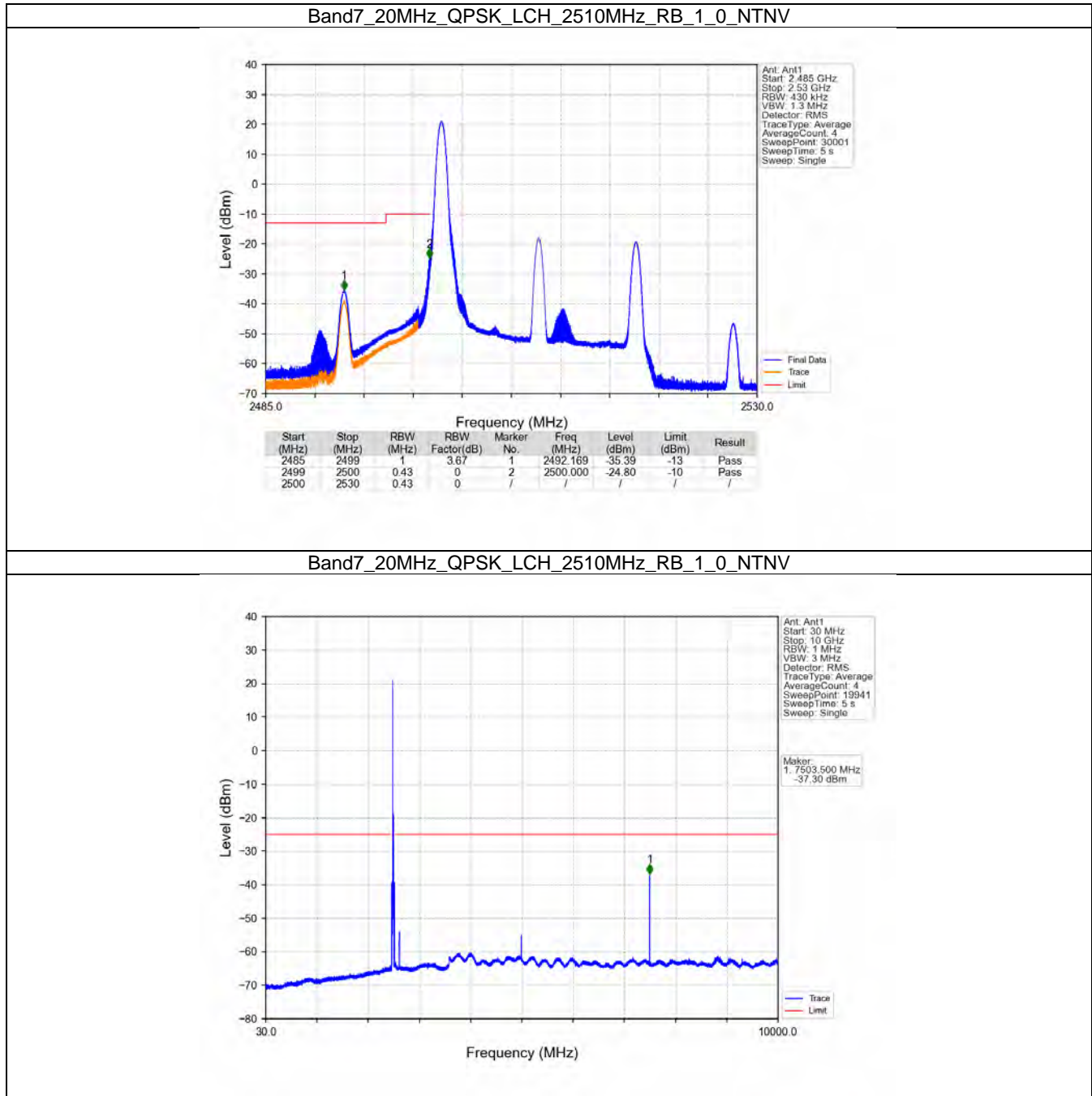
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6.4.2 Test Graph

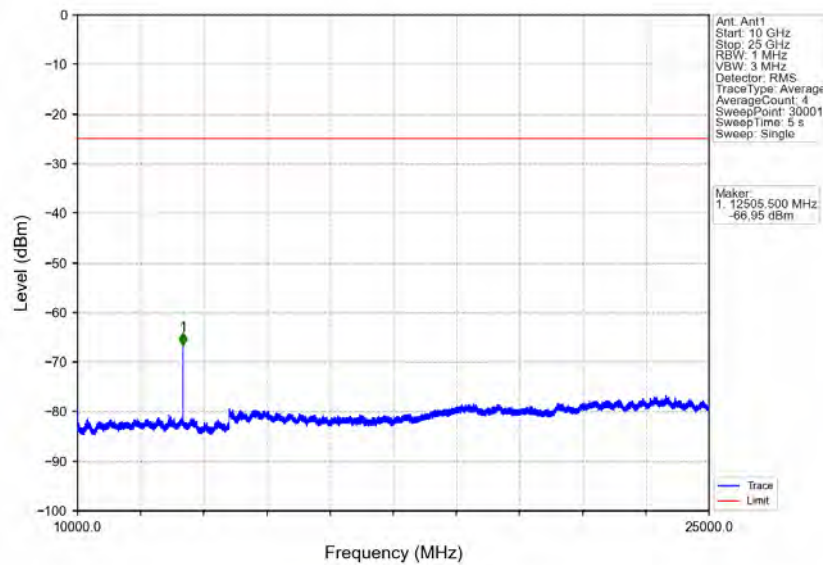


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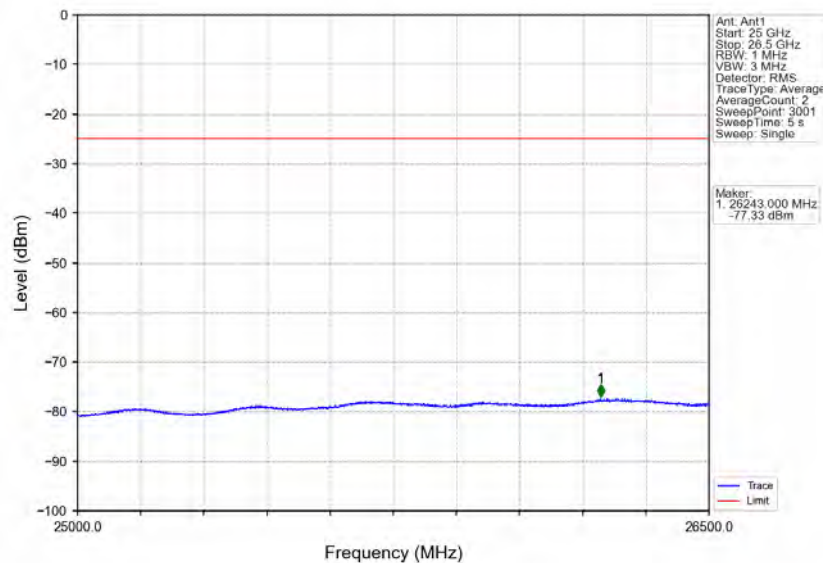
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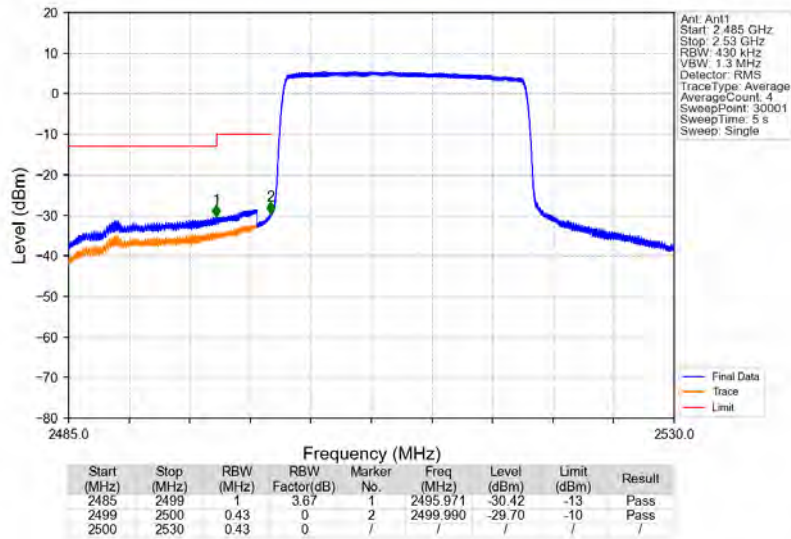
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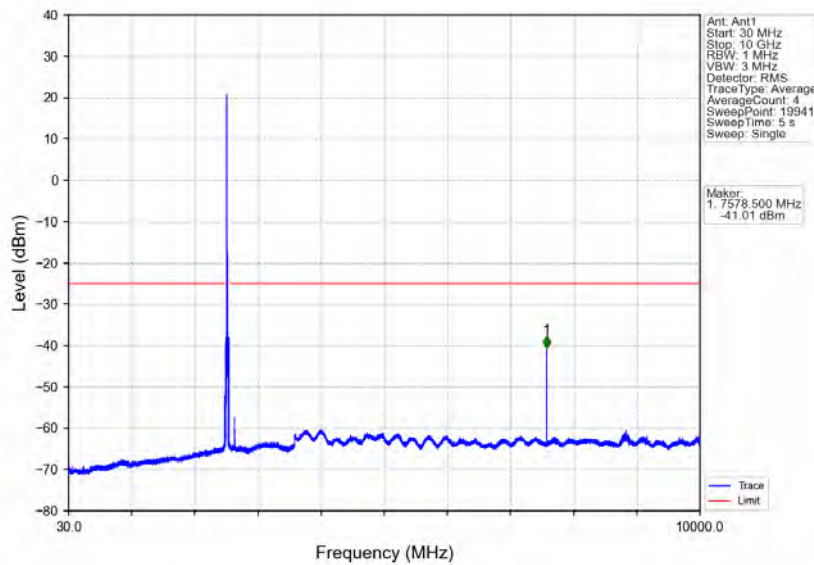
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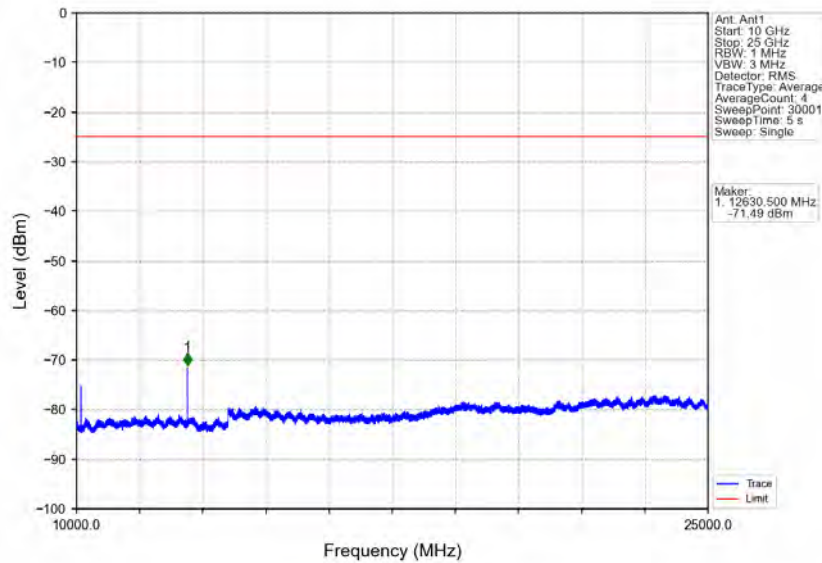
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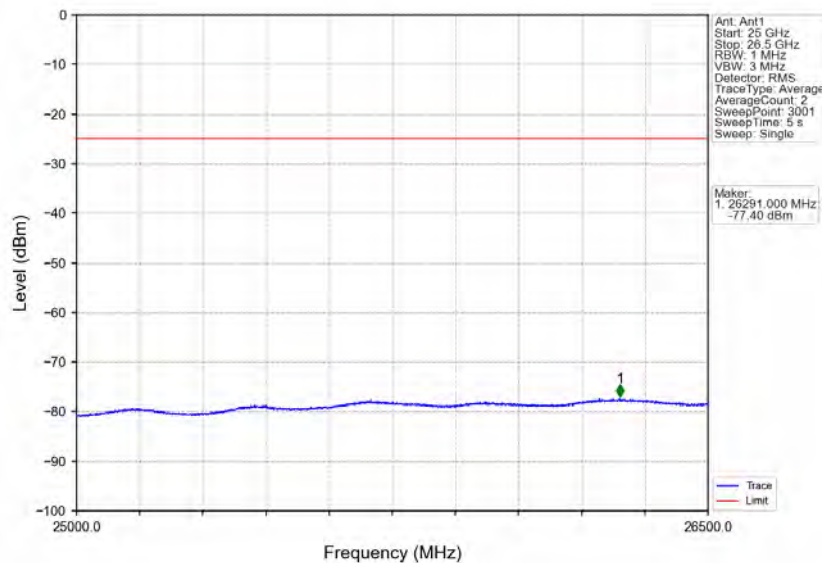


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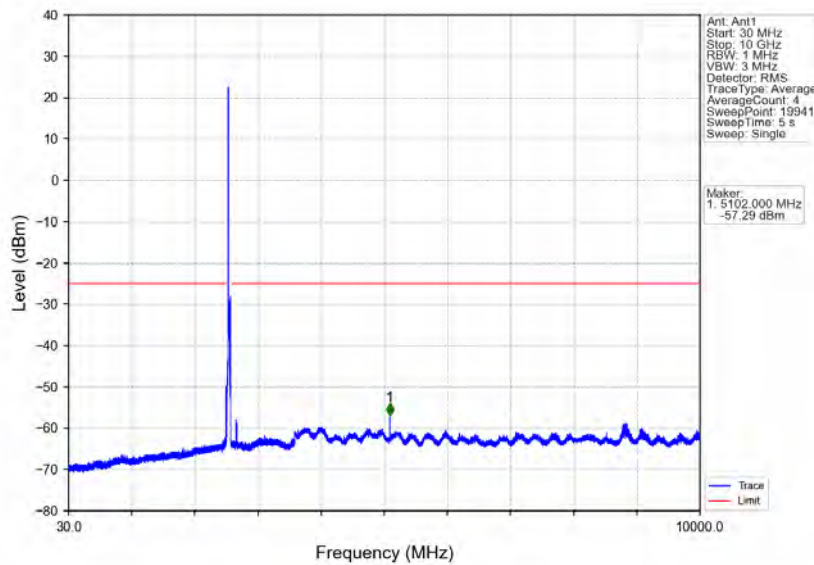
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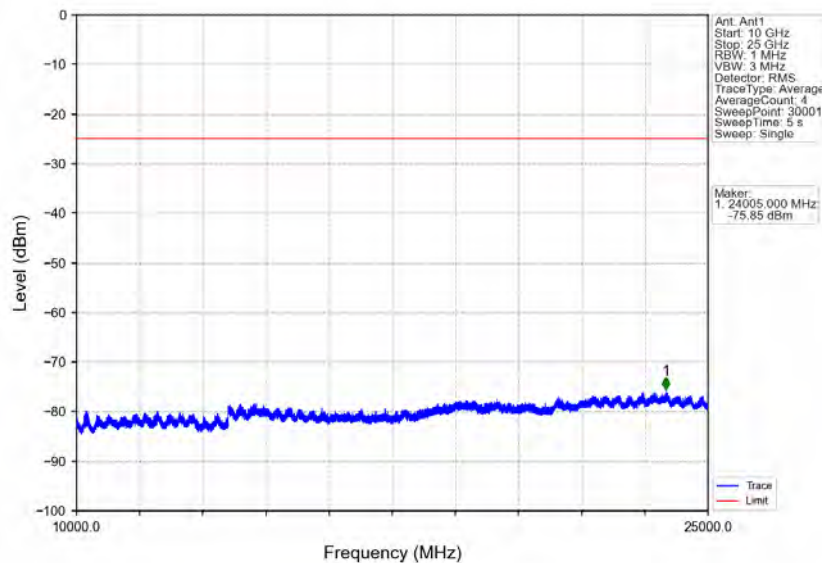
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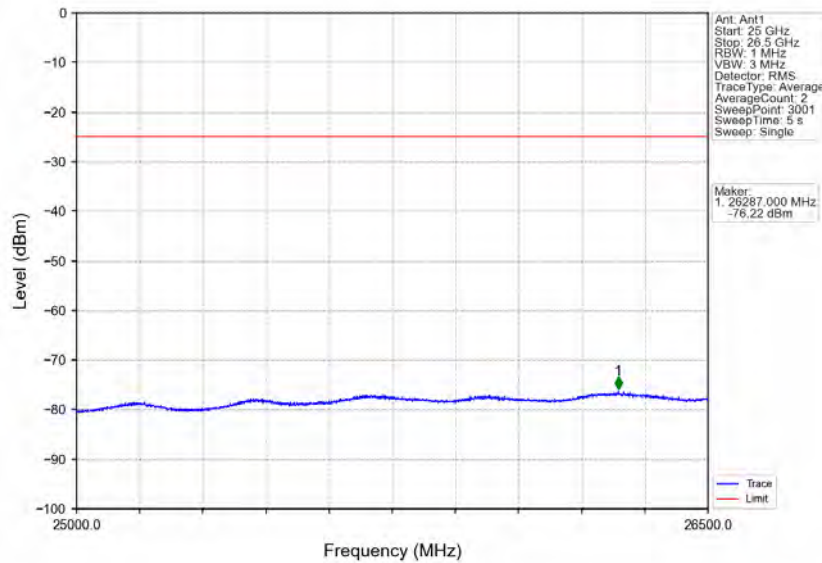
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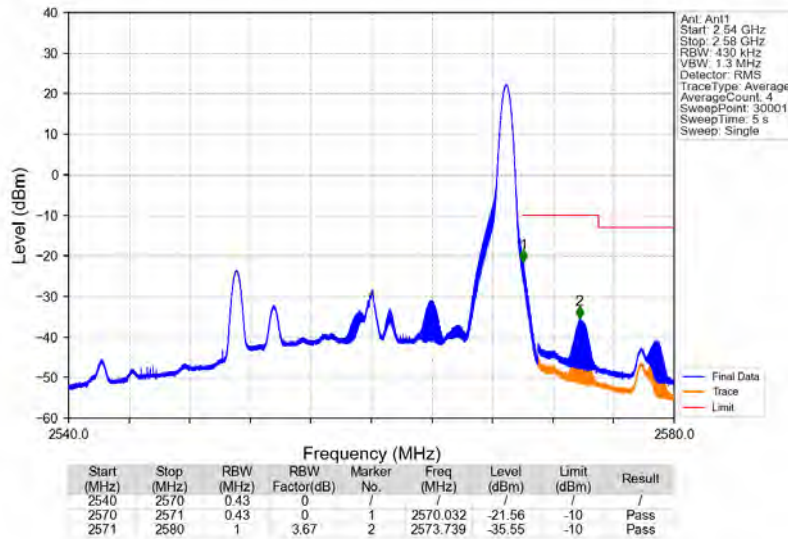
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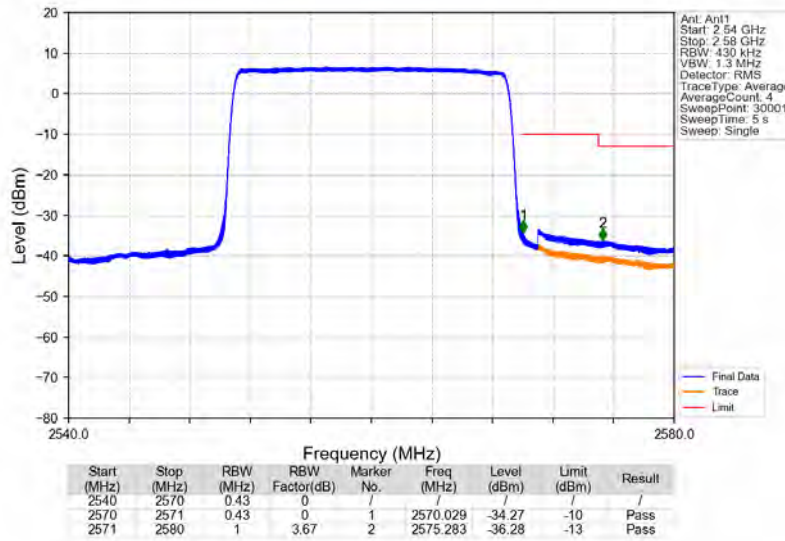
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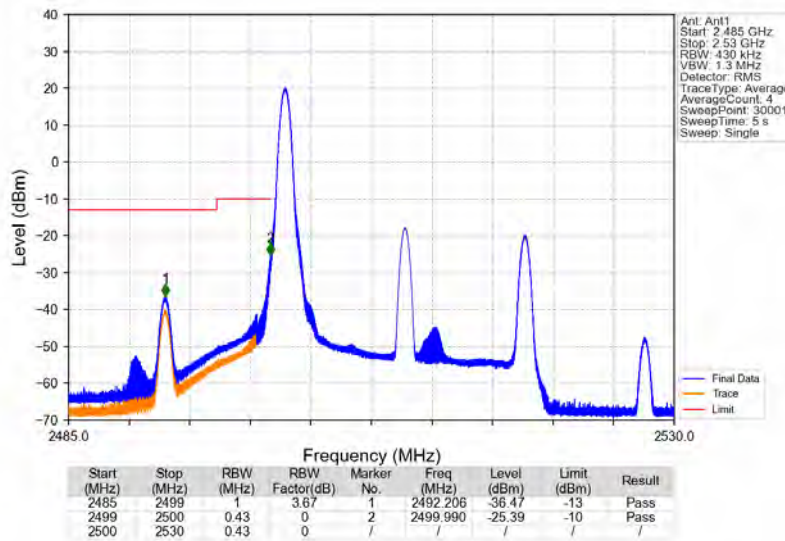
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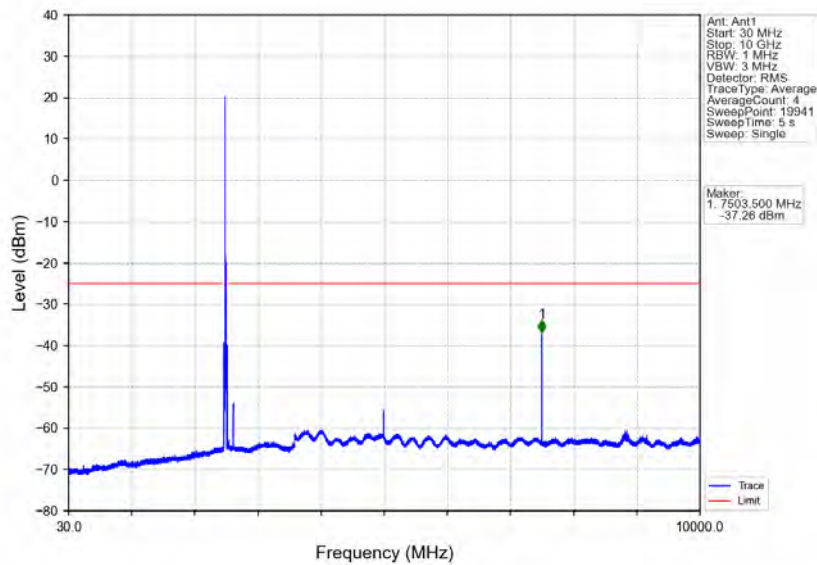
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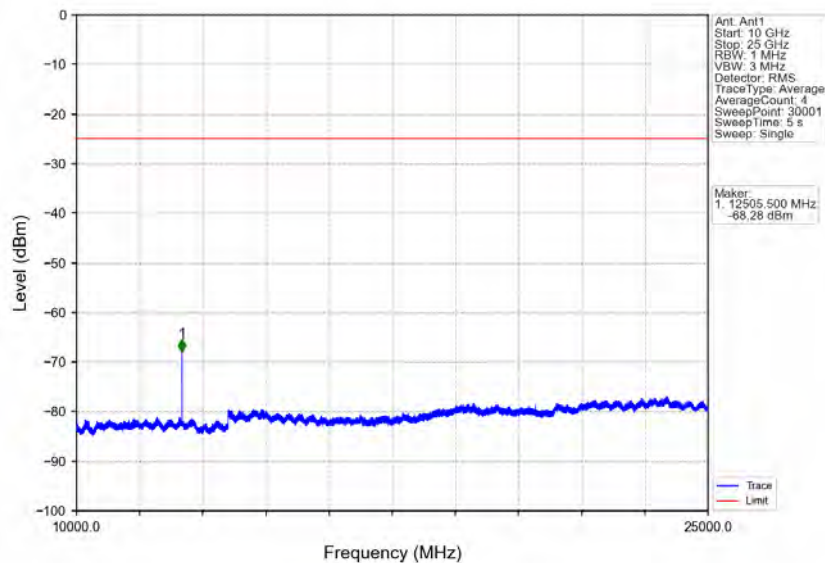
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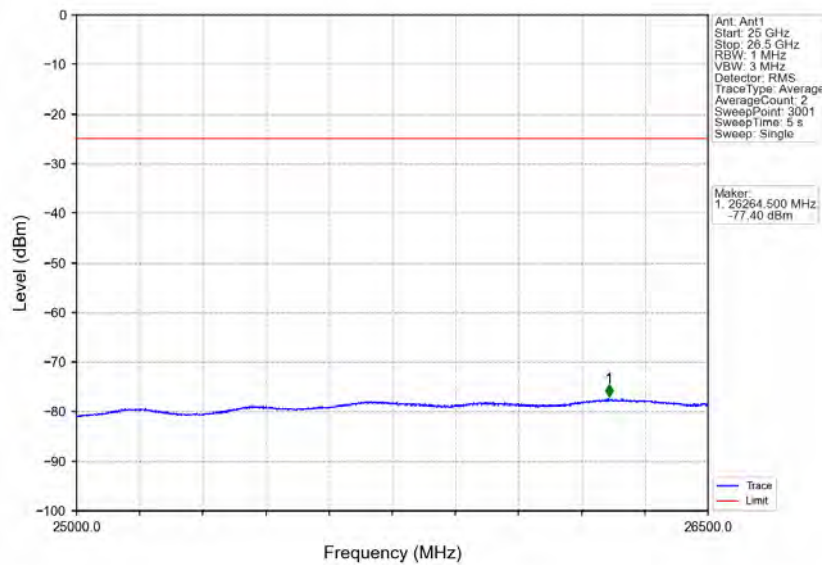
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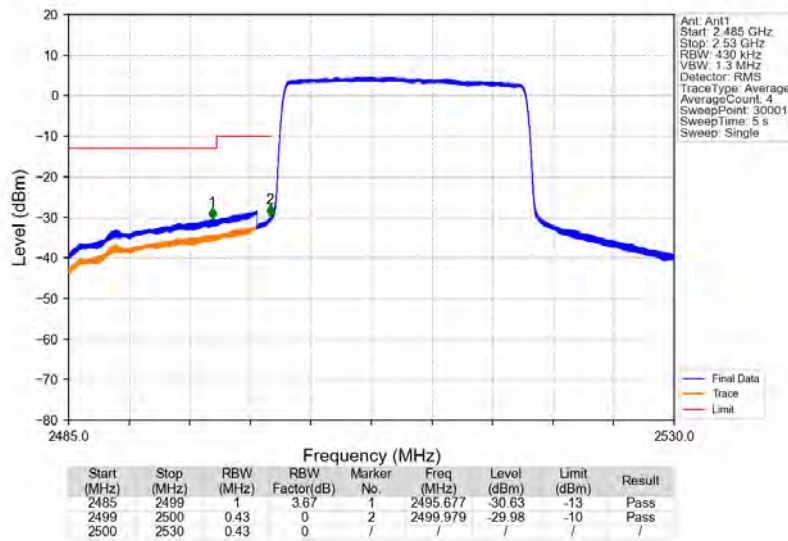
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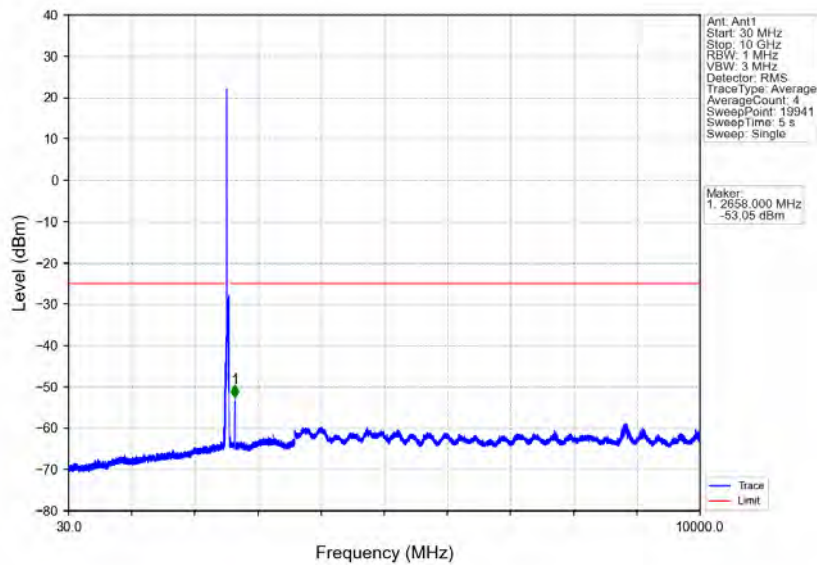
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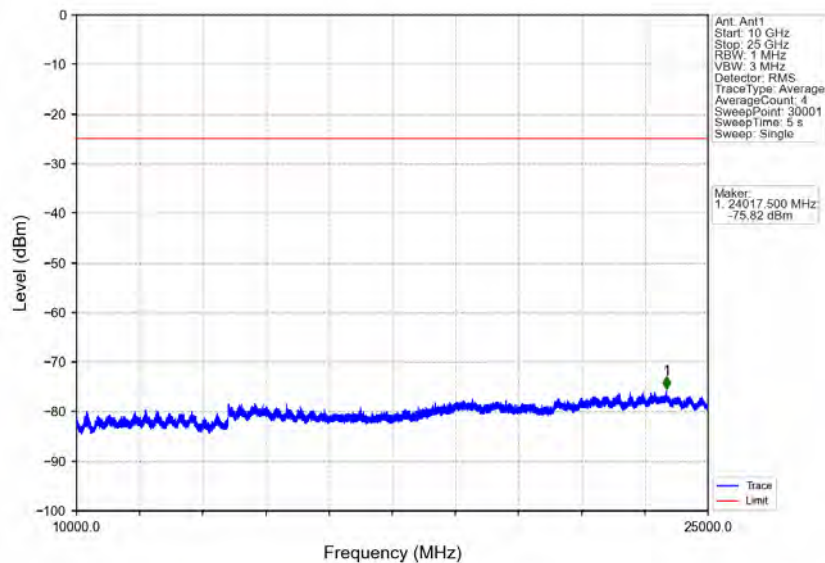
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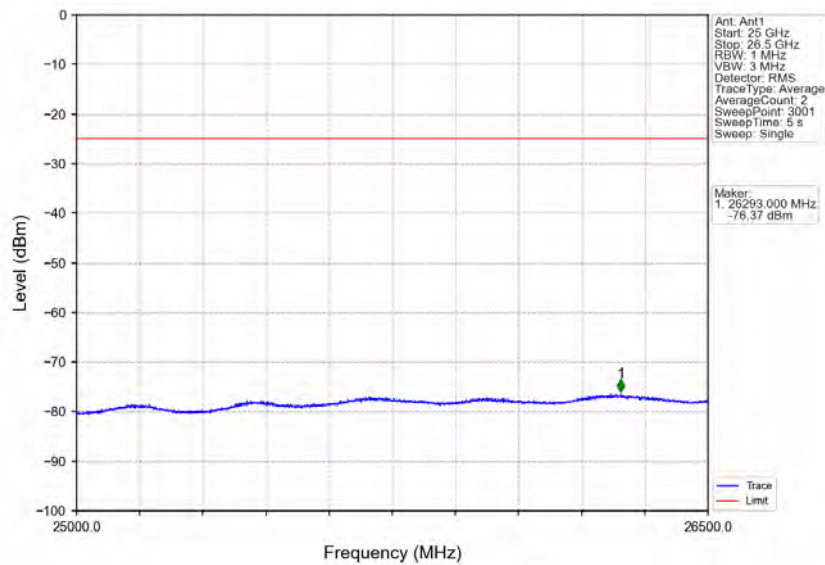
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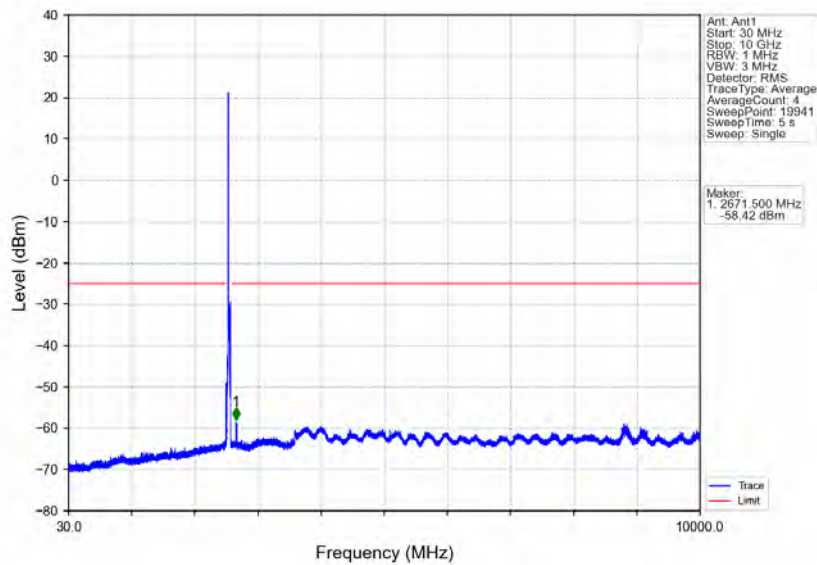
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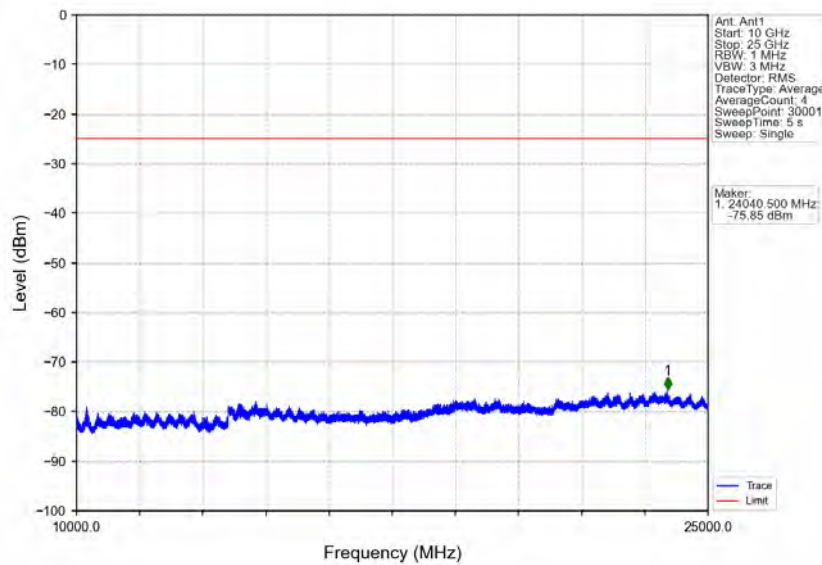
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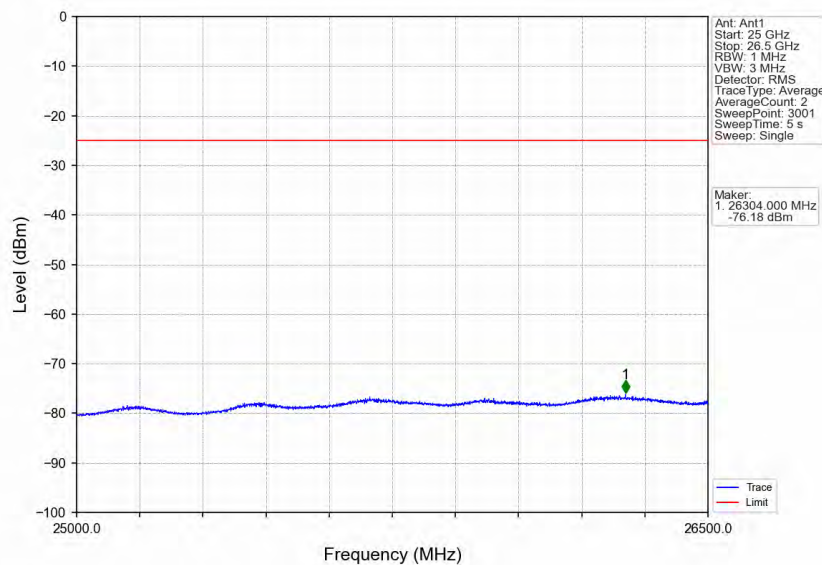
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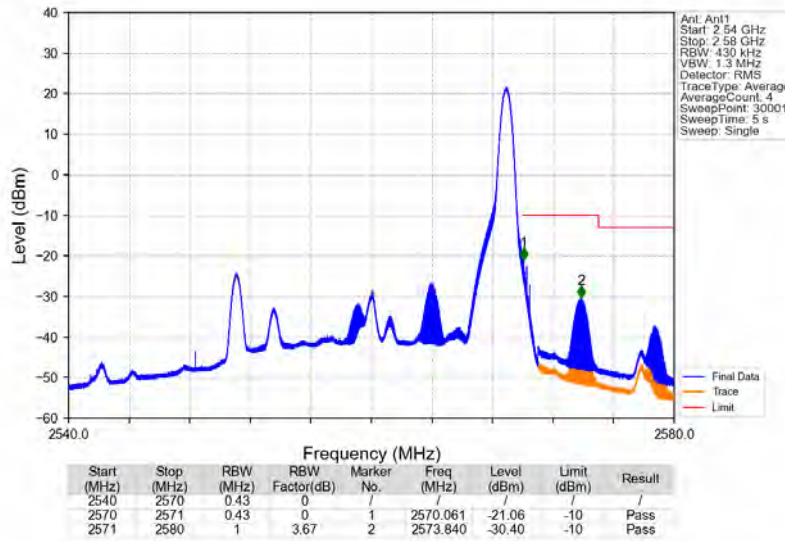
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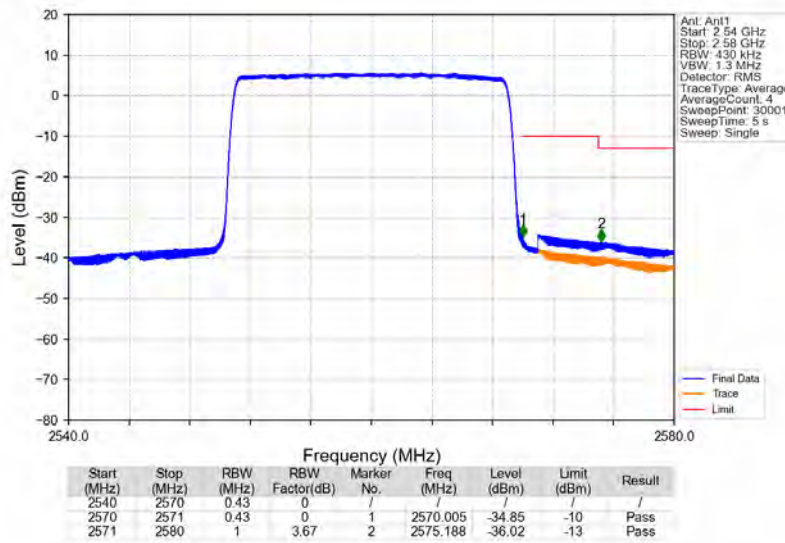
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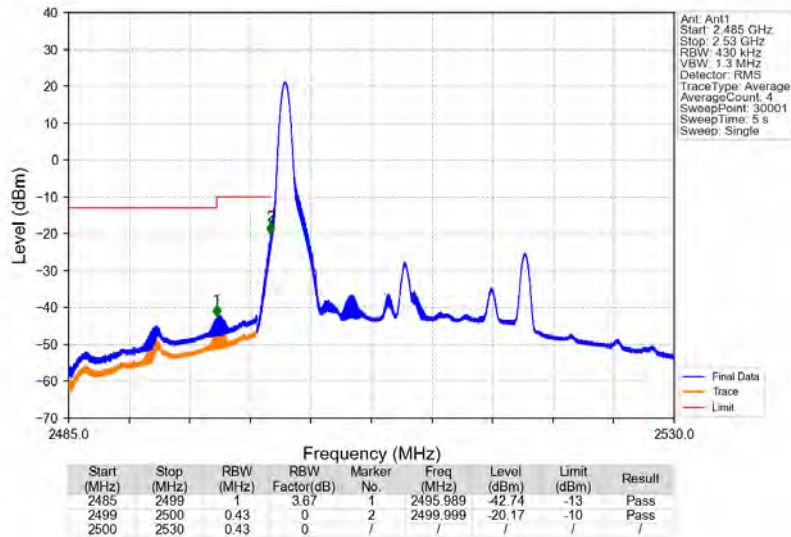
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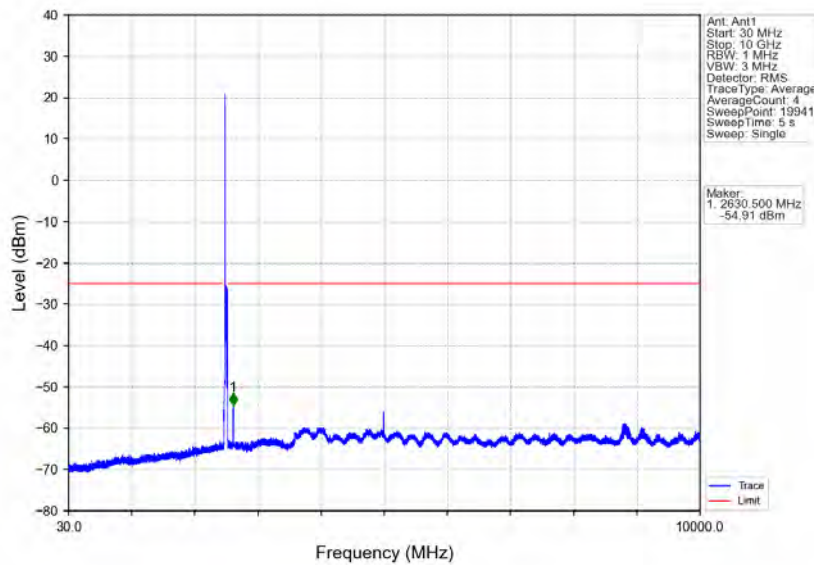
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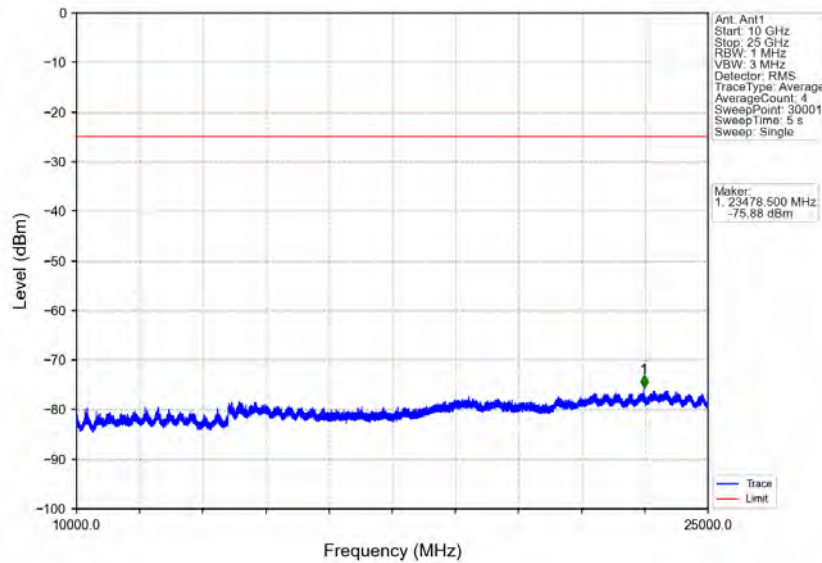
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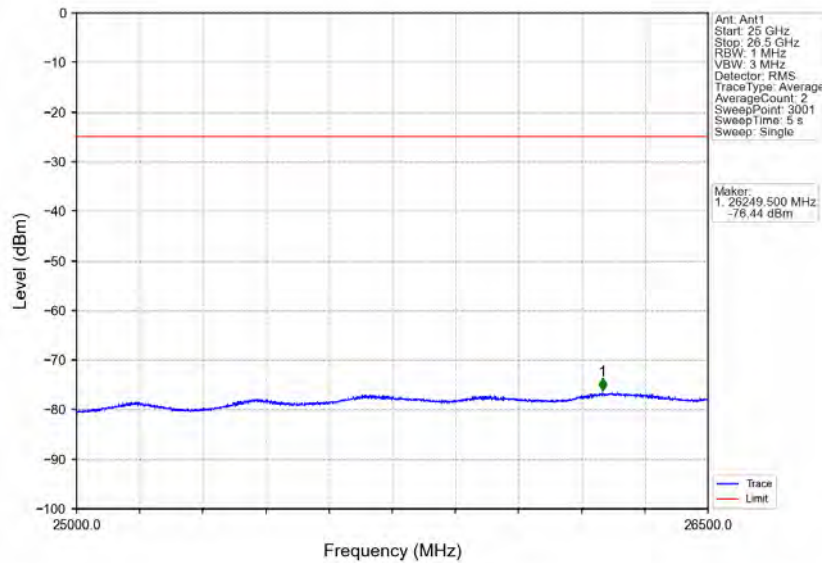
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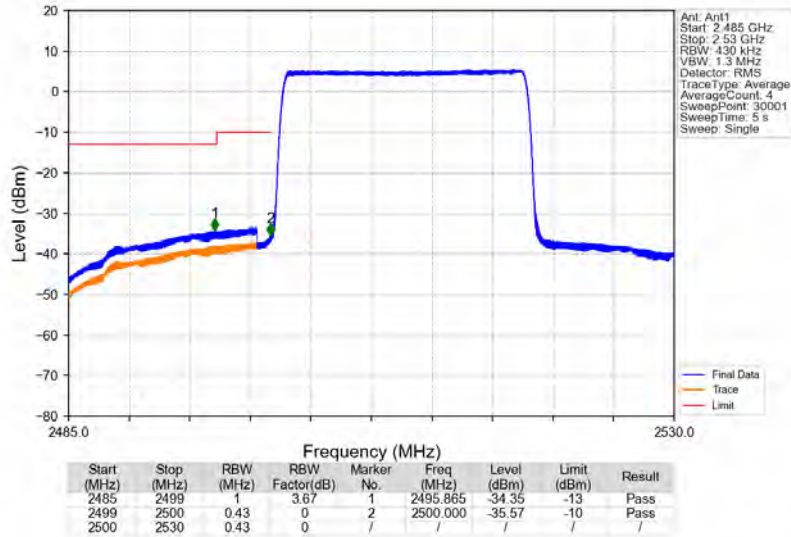
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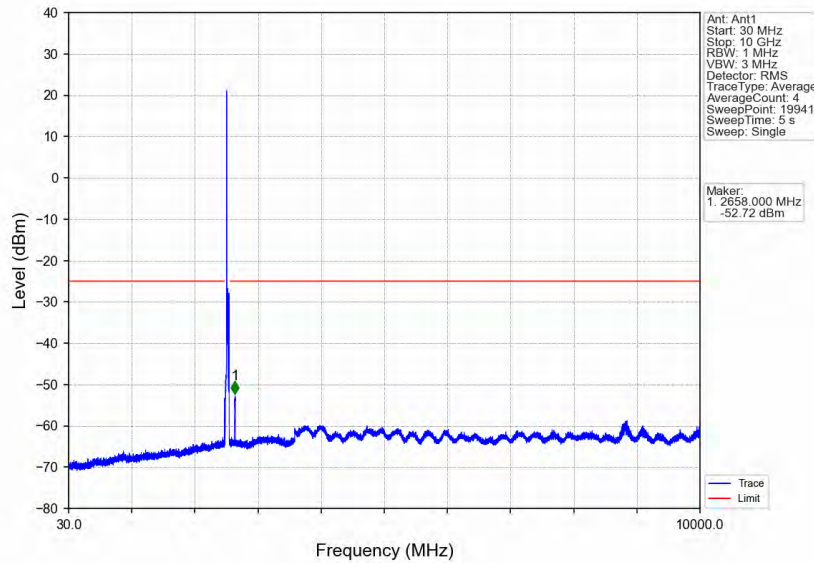
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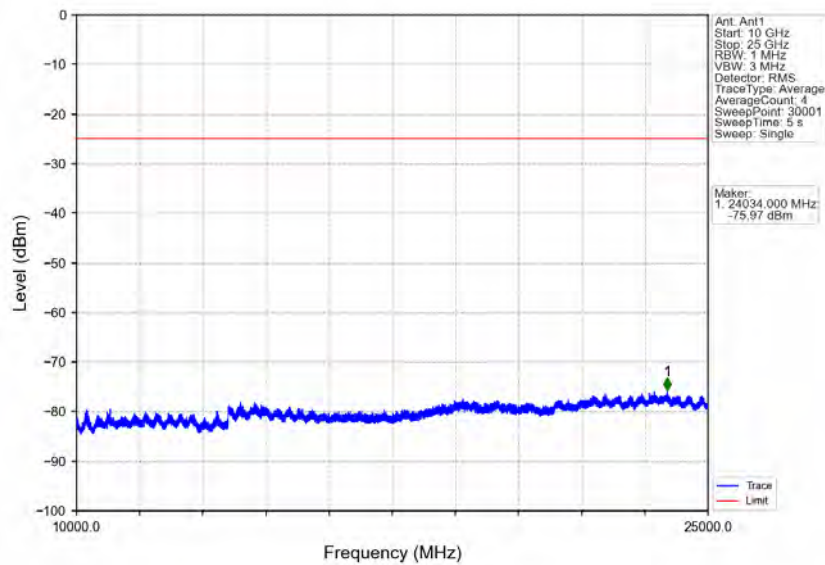
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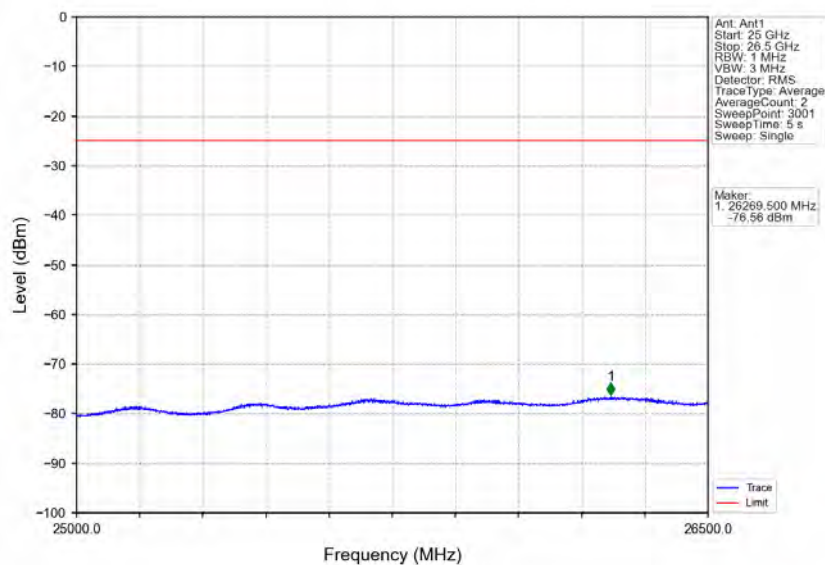


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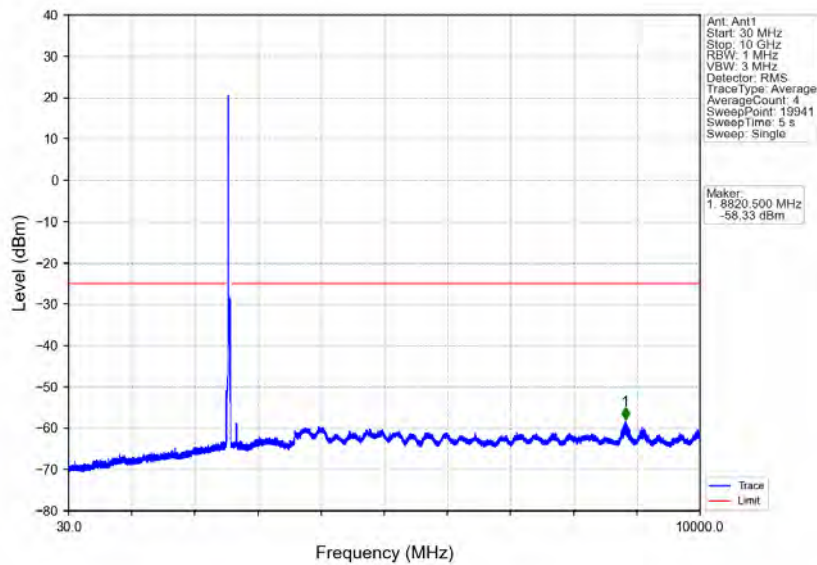
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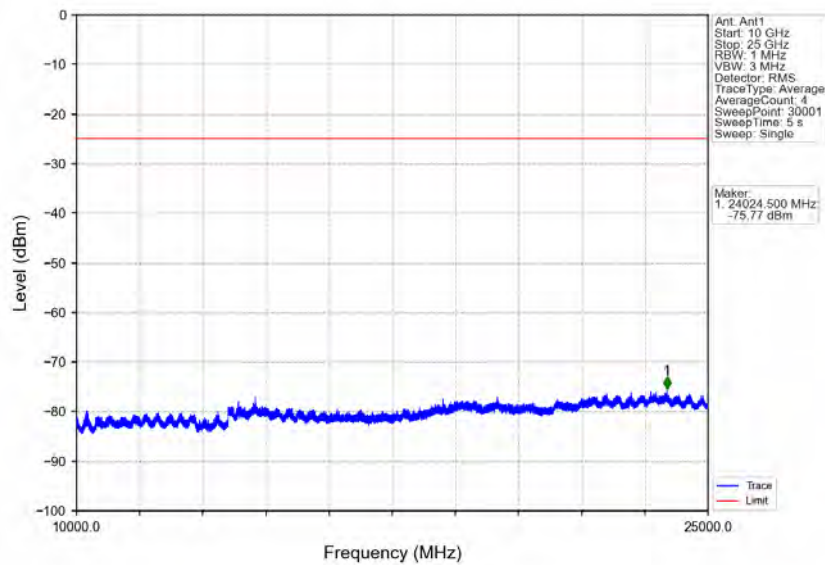
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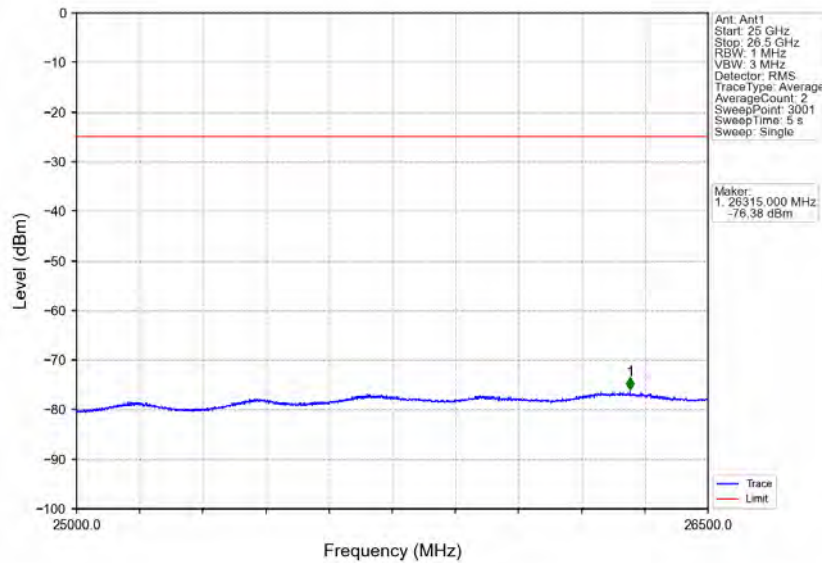
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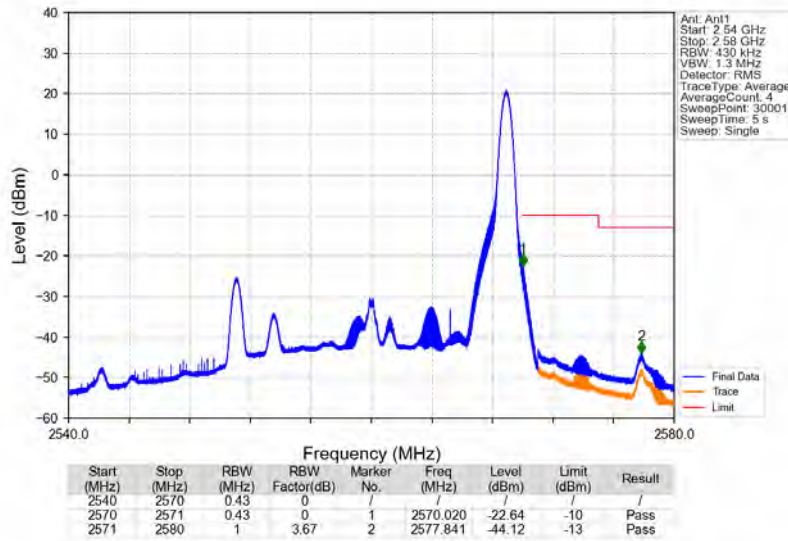
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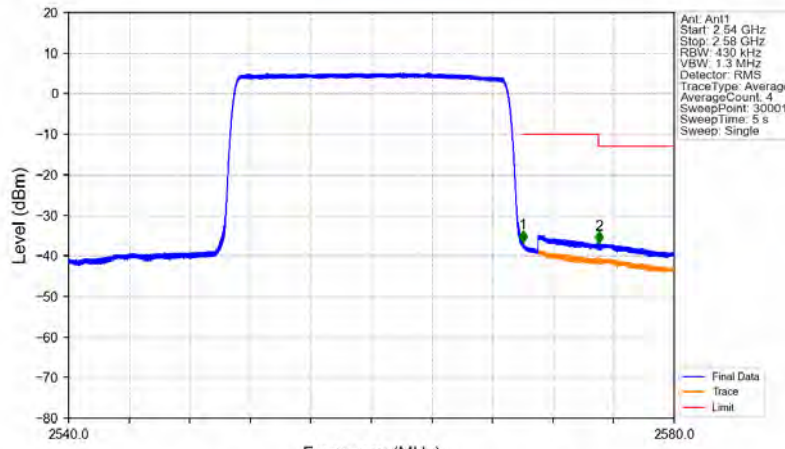
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.43	0	/	/	/	/	/
2570	2571	0.43	0	1	2570.012	-36.70	-10	Pass
2571	2580	1	3.67	2	2575.059	-36.92	-13	Pass



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
 中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
 t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com