

Appendix F for KSCR2207001116AT-FCC-LTE-Band41

1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2498.5	1	0	23.01	0.52	23.53	<=33.01	Pass		
			13	23.18	0.52	23.70	<=33.01	Pass		
			24	23.03	0.52	23.55	<=33.01	Pass		
		12	0	22.02	0.52	22.54	<=33.01	Pass		
			6	22.11	0.52	22.63	<=33.01	Pass		
			13	22.02	0.52	22.54	<=33.01	Pass		
		25	0	22.00	0.52	22.52	<=33.01	Pass		
		2593	1	0	22.52	0.52	23.04	<=33.01	Pass	
				13	22.74	0.52	23.26	<=33.01	Pass	
	24			22.59	0.52	23.11	<=33.01	Pass		
	12		0	21.67	0.52	22.19	<=33.01	Pass		
			6	21.76	0.52	22.28	<=33.01	Pass		
			13	21.71	0.52	22.23	<=33.01	Pass		
	25		0	21.60	0.52	22.12	<=33.01	Pass		
	2687.5		1	0	22.90	0.52	23.42	<=33.01	Pass	
				13	23.07	0.52	23.59	<=33.01	Pass	
		24		22.92	0.52	23.44	<=33.01	Pass		
		12	0	21.92	0.52	22.44	<=33.01	Pass		
			6	22.09	0.52	22.61	<=33.01	Pass		
			13	21.98	0.52	22.50	<=33.01	Pass		
		25	0	21.98	0.52	22.50	<=33.01	Pass		
		16QAM	2498.5	1	0	22.05	0.52	22.57	<=33.01	Pass
					13	22.09	0.52	22.61	<=33.01	Pass
	24				22.03	0.52	22.55	<=33.01	Pass	
12	0			20.90	0.52	21.42	<=33.01	Pass		
	6			21.05	0.52	21.57	<=33.01	Pass		
	13			21.08	0.52	21.60	<=33.01	Pass		
25	0			21.06	0.52	21.58	<=33.01	Pass		
2593	1			0	21.55	0.52	22.07	<=33.01	Pass	
				13	21.79	0.52	22.31	<=33.01	Pass	
			24	21.71	0.52	22.23	<=33.01	Pass		
	12		0	20.63	0.52	21.15	<=33.01	Pass		
			6	20.68	0.52	21.20	<=33.01	Pass		
			13	20.61	0.52	21.13	<=33.01	Pass		
	25		0	20.69	0.52	21.21	<=33.01	Pass		
	2687.5		1	0	21.83	0.52	22.35	<=33.01	Pass	
				13	22.27	0.52	22.79	<=33.01	Pass	
24				22.00	0.52	22.52	<=33.01	Pass		
12			0	20.92	0.52	21.44	<=33.01	Pass		
			6	20.99	0.52	21.51	<=33.01	Pass		
			13	20.97	0.52	21.49	<=33.01	Pass		

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64QAM	2498.5	25	0	21.02	0.52	21.54	<=33.01	Pass	
			1	0	20.54	0.52	21.06	<=33.01	Pass
				13	20.83	0.52	21.35	<=33.01	Pass
				24	20.75	0.52	21.27	<=33.01	Pass
		12	0	20.03	0.52	20.55	<=33.01	Pass	
			6	20.15	0.52	20.67	<=33.01	Pass	
			13	20.08	0.52	20.60	<=33.01	Pass	
			25	0	20.11	0.52	20.63	<=33.01	Pass
		2593	1	0	20.59	0.52	21.11	<=33.01	Pass
				13	20.87	0.52	21.39	<=33.01	Pass
				24	20.28	0.52	20.80	<=33.01	Pass
				25	0	19.49	0.52	20.01	<=33.01
	12		6	19.73	0.52	20.25	<=33.01	Pass	
			13	19.62	0.52	20.14	<=33.01	Pass	
			25	0	19.52	0.52	20.04	<=33.01	Pass
			2687.5	1	0	21.21	0.52	21.73	<=33.01
	13				20.73	0.52	21.25	<=33.01	Pass
	24				20.71	0.52	21.23	<=33.01	Pass
	12			0	19.87	0.52	20.39	<=33.01	Pass
			6	20.20	0.52	20.72	<=33.01	Pass	
		13	20.05	0.52	20.57	<=33.01	Pass		
	25	0	19.94	0.52	20.46	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2501	1	0	23.01	0.52	23.53	<=33.01	Pass	
			25	23.29	0.52	23.81	<=33.01	Pass	
			49	23.34	0.52	23.86	<=33.01	Pass	
		25	0	22.09	0.52	22.61	<=33.01	Pass	
			13	22.17	0.52	22.69	<=33.01	Pass	
			25	22.30	0.52	22.82	<=33.01	Pass	
		50	0	22.12	0.52	22.64	<=33.01	Pass	
		2593	1	0	22.53	0.52	23.05	<=33.01	Pass
				25	22.95	0.52	23.47	<=33.01	Pass
				49	22.79	0.52	23.31	<=33.01	Pass
			25	0	21.57	0.52	22.09	<=33.01	Pass
				13	21.76	0.52	22.28	<=33.01	Pass
	25			21.78	0.52	22.30	<=33.01	Pass	
	50	0	21.72	0.52	22.24	<=33.01	Pass		
	2685	1	0	22.77	0.52	23.29	<=33.01	Pass	
			25	23.17	0.52	23.69	<=33.01	Pass	
			49	23.07	0.52	23.59	<=33.01	Pass	
		25	0	21.84	0.52	22.36	<=33.01	Pass	
			13	21.98	0.52	22.50	<=33.01	Pass	
			25	21.97	0.52	22.49	<=33.01	Pass	
		50	0	21.88	0.52	22.40	<=33.01	Pass	

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16QAM	2501	1	0	21.85	0.52	22.37	<=33.01	Pass	
			25	22.48	0.52	23.00	<=33.01	Pass	
			49	22.37	0.52	22.89	<=33.01	Pass	
		25	0	21.15	0.52	21.67	<=33.01	Pass	
			13	21.24	0.52	21.76	<=33.01	Pass	
			25	21.16	0.52	21.68	<=33.01	Pass	
	50	0	21.19	0.52	21.71	<=33.01	Pass		
	2593	1	0	21.35	0.52	21.87	<=33.01	Pass	
			25	21.86	0.52	22.38	<=33.01	Pass	
			49	21.55	0.52	22.07	<=33.01	Pass	
		25	0	20.67	0.52	21.19	<=33.01	Pass	
			13	20.76	0.52	21.28	<=33.01	Pass	
			25	20.80	0.52	21.32	<=33.01	Pass	
		50	0	20.62	0.52	21.14	<=33.01	Pass	
		2685	1	0	21.80	0.52	22.32	<=33.01	Pass
				25	21.99	0.52	22.51	<=33.01	Pass
				49	21.94	0.52	22.46	<=33.01	Pass
			25	0	20.88	0.52	21.40	<=33.01	Pass
13				20.89	0.52	21.41	<=33.01	Pass	
25	21.02			0.52	21.54	<=33.01	Pass		
50	0		20.88	0.52	21.40	<=33.01	Pass		
64QAM	2501		1	0	21.32	0.52	21.84	<=33.01	Pass
				25	21.00	0.52	21.52	<=33.01	Pass
		49		21.01	0.52	21.53	<=33.01	Pass	
		25	0	20.05	0.52	20.57	<=33.01	Pass	
			13	20.20	0.52	20.72	<=33.01	Pass	
			25	20.21	0.52	20.73	<=33.01	Pass	
		50	0	20.09	0.52	20.61	<=33.01	Pass	
		2593	1	0	20.22	0.52	20.74	<=33.01	Pass
				25	20.49	0.52	21.01	<=33.01	Pass
	49			20.89	0.52	21.41	<=33.01	Pass	
	25		0	19.48	0.52	20.00	<=33.01	Pass	
			13	19.62	0.52	20.14	<=33.01	Pass	
			25	19.64	0.52	20.16	<=33.01	Pass	
	50		0	19.69	0.52	20.21	<=33.01	Pass	
	2685		1	0	20.91	0.52	21.43	<=33.01	Pass
				25	20.76	0.52	21.28	<=33.01	Pass
		49		20.85	0.52	21.37	<=33.01	Pass	
		25	0	19.82	0.52	20.34	<=33.01	Pass	
13			19.89	0.52	20.41	<=33.01	Pass		
25			19.93	0.52	20.45	<=33.01	Pass		
50		0	19.94	0.52	20.46	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	22.97	0.52	23.49	<=33.01	Pass



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	2593	36	38	23.30	0.52	23.82	<=33.01	Pass	
			74	23.13	0.52	23.65	<=33.01	Pass	
			0	22.08	0.52	22.60	<=33.01	Pass	
		75	1	18	22.29	0.52	22.81	<=33.01	Pass
				39	22.23	0.52	22.75	<=33.01	Pass
				0	22.25	0.52	22.77	<=33.01	Pass
		2682.5	36	0	22.38	0.52	22.90	<=33.01	Pass
				38	22.78	0.52	23.30	<=33.01	Pass
				74	22.71	0.52	23.23	<=33.01	Pass
		1	36	0	21.52	0.52	22.04	<=33.01	Pass
				18	21.67	0.52	22.19	<=33.01	Pass
				39	21.73	0.52	22.25	<=33.01	Pass
	75	1	0	21.63	0.52	22.15	<=33.01	Pass	
			38	22.66	0.52	23.18	<=33.01	Pass	
			74	22.95	0.52	23.47	<=33.01	Pass	
	2503.5	36	0	23.10	0.52	23.62	<=33.01	Pass	
			18	21.82	0.52	22.34	<=33.01	Pass	
			39	21.96	0.52	22.48	<=33.01	Pass	
	1	36	0	21.91	0.52	22.43	<=33.01	Pass	
			18	21.94	0.52	22.46	<=33.01	Pass	
			39	22.15	0.52	22.67	<=33.01	Pass	
	2593	1	0	22.18	0.52	22.70	<=33.01	Pass	
			38	22.36	0.52	22.88	<=33.01	Pass	
			74	22.02	0.52	21.54	<=33.01	Pass	
2682.5	36	0	21.02	0.52	21.54	<=33.01	Pass		
		18	21.23	0.52	21.75	<=33.01	Pass		
		39	21.18	0.52	21.70	<=33.01	Pass		
1	36	0	21.23	0.52	21.75	<=33.01	Pass		
		18	21.18	0.52	21.70	<=33.01	Pass		
		38	21.46	0.52	21.98	<=33.01	Pass		
2593	1	74	21.71	0.52	22.23	<=33.01	Pass		
		0	20.58	0.52	21.10	<=33.01	Pass		
		18	20.70	0.52	21.22	<=33.01	Pass		
2682.5	36	39	20.70	0.52	21.22	<=33.01	Pass		
		0	20.61	0.52	21.13	<=33.01	Pass		
		38	21.57	0.52	22.09	<=33.01	Pass		
1	36	0	21.88	0.52	22.40	<=33.01	Pass		
		74	22.43	0.52	22.95	<=33.01	Pass		
		0	20.71	0.52	21.23	<=33.01	Pass		
2503.5	1	18	20.87	0.52	21.39	<=33.01	Pass		
		39	20.87	0.52	21.39	<=33.01	Pass		
		0	20.92	0.52	21.44	<=33.01	Pass		
64QAM	2593	1	0	21.43	0.52	21.95	<=33.01	Pass	
			38	21.46	0.52	21.98	<=33.01	Pass	
			74	20.90	0.52	21.42	<=33.01	Pass	
2503.5	36	0	20.08	0.52	20.60	<=33.01	Pass		
		18	20.18	0.52	20.70	<=33.01	Pass		
		39	20.34	0.52	20.86	<=33.01	Pass		
1	36	0	20.26	0.52	20.78	<=33.01	Pass		
		0	20.81	0.52	21.33	<=33.01	Pass		
		38	21.10	0.52	21.62	<=33.01	Pass		
2593	1	74	20.30	0.52	20.82	<=33.01	Pass		
		0	19.58	0.52	20.10	<=33.01	Pass		
		18	19.71	0.52	20.23	<=33.01	Pass		
1	36	39	19.68	0.52	20.20	<=33.01	Pass		



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	2682.5	75	0	19.61	0.52	20.13	<=33.01	Pass
		1	0	20.57	0.52	21.09	<=33.01	Pass
			38	21.08	0.52	21.60	<=33.01	Pass
			74	20.77	0.52	21.29	<=33.01	Pass
			0	19.68	0.52	20.20	<=33.01	Pass
		36	18	19.80	0.52	20.32	<=33.01	Pass
			39	19.89	0.52	20.41	<=33.01	Pass
			75	0	19.81	0.52	20.33	<=33.01

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dbi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2506	1	0	22.81	0.52	23.33	<=33.01	Pass		
			50	23.35	0.52	23.87	<=33.01	Pass		
			99	23.00	0.52	23.52	<=33.01	Pass		
		50	0	22.12	0.52	22.64	<=33.01	Pass		
			25	22.21	0.52	22.73	<=33.01	Pass		
			50	22.32	0.52	22.84	<=33.01	Pass		
		100	0	22.24	0.52	22.76	<=33.01	Pass		
		2593	1	0	22.09	0.52	22.61	<=33.01	Pass	
				50	22.68	0.52	23.20	<=33.01	Pass	
				99	22.46	0.52	22.98	<=33.01	Pass	
			50	0	21.60	0.52	22.12	<=33.01	Pass	
				25	21.64	0.52	22.16	<=33.01	Pass	
	50			21.83	0.52	22.35	<=33.01	Pass		
	100	0	21.73	0.52	22.25	<=33.01	Pass			
	2680	1	0	22.24	0.52	22.76	<=33.01	Pass		
			50	22.91	0.52	23.43	<=33.01	Pass		
			99	22.73	0.52	23.25	<=33.01	Pass		
		50	0	21.66	0.52	22.18	<=33.01	Pass		
			25	21.75	0.52	22.27	<=33.01	Pass		
			50	21.94	0.52	22.46	<=33.01	Pass		
		100	0	21.76	0.52	22.28	<=33.01	Pass		
		16QAM	2506	1	0	21.89	0.52	22.41	<=33.01	Pass
					50	22.48	0.52	23.00	<=33.01	Pass
					99	22.24	0.52	22.76	<=33.01	Pass
50				0	21.17	0.52	21.69	<=33.01	Pass	
				25	21.23	0.52	21.75	<=33.01	Pass	
	50			21.25	0.52	21.77	<=33.01	Pass		
100	0		21.17	0.52	21.69	<=33.01	Pass			
2593	1		0	20.98	0.52	21.50	<=33.01	Pass		
			50	22.08	0.52	22.60	<=33.01	Pass		
			99	21.80	0.52	22.32	<=33.01	Pass		
	50		0	20.46	0.52	20.98	<=33.01	Pass		
			25	20.68	0.52	21.20	<=33.01	Pass		
			50	20.80	0.52	21.32	<=33.01	Pass		
	100		0	20.62	0.52	21.14	<=33.01	Pass		

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64QAM	2680	1	0	21.51	0.52	22.03	<=33.01	Pass	
			50	21.97	0.52	22.49	<=33.01	Pass	
			99	21.80	0.52	22.32	<=33.01	Pass	
		50	0	20.79	0.52	21.31	<=33.01	Pass	
			25	20.88	0.52	21.40	<=33.01	Pass	
			50	20.96	0.52	21.48	<=33.01	Pass	
	100	0	20.75	0.52	21.27	<=33.01	Pass		
	2506	1	0	20.99	0.52	21.51	<=33.01	Pass	
			50	21.56	0.52	22.08	<=33.01	Pass	
			99	21.19	0.52	21.71	<=33.01	Pass	
		50	0	20.09	0.52	20.61	<=33.01	Pass	
			25	20.15	0.52	20.67	<=33.01	Pass	
			50	20.44	0.52	20.96	<=33.01	Pass	
		100	0	20.18	0.52	20.70	<=33.01	Pass	
		2593	1	0	20.34	0.52	20.86	<=33.01	Pass
				50	20.50	0.52	21.02	<=33.01	Pass
				99	20.71	0.52	21.23	<=33.01	Pass
			50	0	19.50	0.52	20.02	<=33.01	Pass
25				19.65	0.52	20.17	<=33.01	Pass	
50	19.84			0.52	20.36	<=33.01	Pass		
100	0	19.71	0.52	20.23	<=33.01	Pass			
2680	1	0	20.10	0.52	20.62	<=33.01	Pass		
		50	21.06	0.52	21.58	<=33.01	Pass		
		99	20.98	0.52	21.50	<=33.01	Pass		
	50	0	19.72	0.52	20.24	<=33.01	Pass		
		25	19.76	0.52	20.28	<=33.01	Pass		
		50	19.84	0.52	20.36	<=33.01	Pass		
100	0	19.86	0.52	20.38	<=33.01	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

Band: 41 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	2498.5	25	0	20	3.23	-0.601	-0.0002	-2.5 to 2.5	Pass	
					3.80	-4.778	-0.0019	-2.5 to 2.5	Pass	
					4.37	-1.574	-0.0006	-2.5 to 2.5	Pass	
				-30	3.80	0.687	0.0003	-2.5 to 2.5	Pass	
					-20	3.80	5.693	0.0023	-2.5 to 2.5	Pass
						-10	3.80	-0.730	-0.0003	-2.5 to 2.5
					0	3.80	-1.960	-0.0008	-2.5 to 2.5	Pass
					10	3.80	-1.674	-0.0007	-2.5 to 2.5	Pass
					30	3.80	-3.805	-0.0015	-2.5 to 2.5	Pass
					40	3.80	-1.516	-0.0006	-2.5 to 2.5	Pass

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	2593	25	0	50	3.80	-5.479	-0.0022	-2.5 to 2.5	Pass
				20	3.23	2.232	0.0009	-2.5 to 2.5	Pass
					3.80	5.050	0.0019	-2.5 to 2.5	Pass
					4.37	5.264	0.0020	-2.5 to 2.5	Pass
				-30	3.80	19.341	0.0075	-2.5 to 2.5	Pass
				-20	3.80	22.502	0.0087	-2.5 to 2.5	Pass
				-10	3.80	15.535	0.0060	-2.5 to 2.5	Pass
				0	3.80	17.109	0.0066	-2.5 to 2.5	Pass
				10	3.80	16.322	0.0063	-2.5 to 2.5	Pass
	30	3.80	19.856	0.0077	-2.5 to 2.5	Pass			
	40	3.80	14.520	0.0056	-2.5 to 2.5	Pass			
	50	3.80	16.236	0.0063	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.23	2.189	0.0008	-2.5 to 2.5	Pass
					3.80	5.207	0.0019	-2.5 to 2.5	Pass
					4.37	-0.858	-0.0003	-2.5 to 2.5	Pass
				-30	3.80	-0.443	-0.0002	-2.5 to 2.5	Pass
				-20	3.80	-5.407	-0.0020	-2.5 to 2.5	Pass
				-10	3.80	-10.285	-0.0038	-2.5 to 2.5	Pass
0				3.80	-7.668	-0.0029	-2.5 to 2.5	Pass	
10				3.80	-6.423	-0.0024	-2.5 to 2.5	Pass	
30				3.80	-6.566	-0.0024	-2.5 to 2.5	Pass	
40				3.80	-5.622	-0.0021	-2.5 to 2.5	Pass	
50	3.80	-14.820	-0.0055	-2.5 to 2.5	Pass				
16QAM	2498.5	25	0	20	3.23	-3.247	-0.0013	-2.5 to 2.5	Pass
					3.80	3.290	0.0013	-2.5 to 2.5	Pass
					4.37	0.744	0.0003	-2.5 to 2.5	Pass
				-30	3.80	2.017	0.0008	-2.5 to 2.5	Pass
				-20	3.80	-3.662	-0.0015	-2.5 to 2.5	Pass
				-10	3.80	-3.376	-0.0014	-2.5 to 2.5	Pass
				0	3.80	0.701	0.0003	-2.5 to 2.5	Pass
				10	3.80	-1.645	-0.0007	-2.5 to 2.5	Pass
				30	3.80	0.429	0.0002	-2.5 to 2.5	Pass
	40	3.80	-0.958	-0.0004	-2.5 to 2.5	Pass			
	50	3.80	-5.250	-0.0021	-2.5 to 2.5	Pass			
	2593	25	0	20	3.23	13.235	0.0051	-2.5 to 2.5	Pass
					3.80	17.223	0.0066	-2.5 to 2.5	Pass
					4.37	13.862	0.0053	-2.5 to 2.5	Pass
				-30	3.80	17.738	0.0068	-2.5 to 2.5	Pass
				-20	3.80	14.663	0.0057	-2.5 to 2.5	Pass
				-10	3.80	19.155	0.0074	-2.5 to 2.5	Pass
				0	3.80	10.614	0.0041	-2.5 to 2.5	Pass
10				3.80	12.603	0.0049	-2.5 to 2.5	Pass	
30				3.80	13.862	0.0053	-2.5 to 2.5	Pass	
40	3.80	9.599	0.0037	-2.5 to 2.5	Pass				
50	3.80	14.477	0.0056	-2.5 to 2.5	Pass				
2687.5	25	0	20	3.23	-6.609	-0.0025	-2.5 to 2.5	Pass	
				3.80	-12.903	-0.0048	-2.5 to 2.5	Pass	
				4.37	-10.028	-0.0037	-2.5 to 2.5	Pass	
			-30	3.80	-4.034	-0.0015	-2.5 to 2.5	Pass	
			-20	3.80	-13.161	-0.0049	-2.5 to 2.5	Pass	
			-10	3.80	-8.140	-0.0030	-2.5 to 2.5	Pass	
			0	3.80	-9.799	-0.0036	-2.5 to 2.5	Pass	
			10	3.80	-9.484	-0.0035	-2.5 to 2.5	Pass	
			30	3.80	-13.132	-0.0049	-2.5 to 2.5	Pass	

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Modulation	Frequency (MHz)	RB Allocation Size	Offset	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
							Result	Limit	
64QAM	2498.5	25	0	40	3.80	-5.722	-0.0021	-2.5 to 2.5	Pass
				50	3.80	-13.719	-0.0051	-2.5 to 2.5	Pass
				20	3.23	-2.718	-0.0011	-2.5 to 2.5	Pass
					3.80	0.172	0.0001	-2.5 to 2.5	Pass
					4.37	-5.121	-0.0020	-2.5 to 2.5	Pass
				-30	3.80	-10.114	-0.0040	-2.5 to 2.5	Pass
				-20	3.80	-8.941	-0.0036	-2.5 to 2.5	Pass
				-10	3.80	-10.815	-0.0043	-2.5 to 2.5	Pass
				0	3.80	-11.215	-0.0045	-2.5 to 2.5	Pass
				10	3.80	-10.171	-0.0041	-2.5 to 2.5	Pass
	30	3.80	-7.253	-0.0029	-2.5 to 2.5	Pass			
	40	3.80	-4.520	-0.0018	-2.5 to 2.5	Pass			
	50	3.80	-8.025	-0.0032	-2.5 to 2.5	Pass			
	2593	25	0	20	3.23	16.022	0.0062	-2.5 to 2.5	Pass
					3.80	10.972	0.0042	-2.5 to 2.5	Pass
					4.37	25.477	0.0098	-2.5 to 2.5	Pass
				-30	3.80	23.303	0.0090	-2.5 to 2.5	Pass
				-20	3.80	29.368	0.0113	-2.5 to 2.5	Pass
				-10	3.80	30.313	0.0117	-2.5 to 2.5	Pass
				0	3.80	22.731	0.0088	-2.5 to 2.5	Pass
				10	3.80	24.347	0.0094	-2.5 to 2.5	Pass
				30	3.80	23.746	0.0092	-2.5 to 2.5	Pass
				40	3.80	29.955	0.0116	-2.5 to 2.5	Pass
	50	3.80	27.823	0.0107	-2.5 to 2.5	Pass			
	2687.5	25	0	20	3.23	-12.345	-0.0046	-2.5 to 2.5	Pass
					3.80	-5.794	-0.0022	-2.5 to 2.5	Pass
					4.37	-6.151	-0.0023	-2.5 to 2.5	Pass
				-30	3.80	-3.791	-0.0014	-2.5 to 2.5	Pass
				-20	3.80	-13.261	-0.0049	-2.5 to 2.5	Pass
				-10	3.80	-15.850	-0.0059	-2.5 to 2.5	Pass
0				3.80	-14.763	-0.0055	-2.5 to 2.5	Pass	
10				3.80	-9.727	-0.0036	-2.5 to 2.5	Pass	
30				3.80	-7.510	-0.0028	-2.5 to 2.5	Pass	
40				3.80	-11.773	-0.0044	-2.5 to 2.5	Pass	
50	3.80	-15.793	-0.0059	-2.5 to 2.5	Pass				

2.2 B41_10MHz

2.2.1 Test Result

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2501	50	0	20	3.23	-8.540	-0.0034	-2.5 to 2.5	Pass
					3.80	-8.569	-0.0034	-2.5 to 2.5	Pass
					4.37	-3.290	-0.0013	-2.5 to 2.5	Pass
				-30	3.80	-4.578	-0.0018	-2.5 to 2.5	Pass
				-20	3.80	-6.638	-0.0027	-2.5 to 2.5	Pass
				-10	3.80	-8.883	-0.0036	-2.5 to 2.5	Pass
				0	3.80	-1.888	-0.0008	-2.5 to 2.5	Pass
				10	3.80	-2.232	-0.0009	-2.5 to 2.5	Pass
				30	3.80	-7.024	-0.0028	-2.5 to 2.5	Pass

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	2593	50	0	40	3.80	-9.928	-0.0040	-2.5 to 2.5	Pass
				50	3.80	1.216	0.0005	-2.5 to 2.5	Pass
				20	3.23	-1.616	-0.0006	-2.5 to 2.5	Pass
					3.80	-8.025	-0.0031	-2.5 to 2.5	Pass
					4.37	-2.089	-0.0008	-2.5 to 2.5	Pass
				-30	3.80	-9.613	-0.0037	-2.5 to 2.5	Pass
				-20	3.80	-4.878	-0.0019	-2.5 to 2.5	Pass
				-10	3.80	-7.696	-0.0030	-2.5 to 2.5	Pass
				0	3.80	-6.967	-0.0027	-2.5 to 2.5	Pass
				10	3.80	-7.339	-0.0028	-2.5 to 2.5	Pass
	30	3.80	-4.406	-0.0017	-2.5 to 2.5	Pass			
	40	3.80	-11.301	-0.0044	-2.5 to 2.5	Pass			
	50	3.80	-2.303	-0.0009	-2.5 to 2.5	Pass			
	2685	50	0	20	3.23	-7.167	-0.0027	-2.5 to 2.5	Pass
					3.80	-6.838	-0.0025	-2.5 to 2.5	Pass
					4.37	-3.176	-0.0012	-2.5 to 2.5	Pass
				-30	3.80	-12.932	-0.0048	-2.5 to 2.5	Pass
				-20	3.80	-5.093	-0.0019	-2.5 to 2.5	Pass
				-10	3.80	-3.319	-0.0012	-2.5 to 2.5	Pass
				0	3.80	-9.327	-0.0035	-2.5 to 2.5	Pass
10				3.80	-2.589	-0.0010	-2.5 to 2.5	Pass	
30				3.80	-7.324	-0.0027	-2.5 to 2.5	Pass	
40				3.80	-2.947	-0.0011	-2.5 to 2.5	Pass	
50	3.80	-5.836	-0.0022	-2.5 to 2.5	Pass				
16QAM	2501	50	0	20	3.23	-3.676	-0.0015	-2.5 to 2.5	Pass
					3.80	-6.881	-0.0028	-2.5 to 2.5	Pass
					4.37	-7.281	-0.0029	-2.5 to 2.5	Pass
				-30	3.80	-3.748	-0.0015	-2.5 to 2.5	Pass
				-20	3.80	-3.090	-0.0012	-2.5 to 2.5	Pass
				-10	3.80	-10.958	-0.0044	-2.5 to 2.5	Pass
				0	3.80	-5.178	-0.0021	-2.5 to 2.5	Pass
				10	3.80	-2.432	-0.0010	-2.5 to 2.5	Pass
				30	3.80	-4.721	-0.0019	-2.5 to 2.5	Pass
				40	3.80	-5.636	-0.0023	-2.5 to 2.5	Pass
	50	3.80	-6.924	-0.0028	-2.5 to 2.5	Pass			
	2593	50	0	20	3.23	-1.101	-0.0004	-2.5 to 2.5	Pass
					3.80	-8.311	-0.0032	-2.5 to 2.5	Pass
					4.37	-9.413	-0.0036	-2.5 to 2.5	Pass
				-30	3.80	-4.406	-0.0017	-2.5 to 2.5	Pass
				-20	3.80	-11.859	-0.0046	-2.5 to 2.5	Pass
				-10	3.80	-1.059	-0.0004	-2.5 to 2.5	Pass
				0	3.80	-0.730	-0.0003	-2.5 to 2.5	Pass
				10	3.80	-2.232	-0.0009	-2.5 to 2.5	Pass
				30	3.80	-9.756	-0.0038	-2.5 to 2.5	Pass
40				3.80	-8.125	-0.0031	-2.5 to 2.5	Pass	
50	3.80	-10.228	-0.0039	-2.5 to 2.5	Pass				
2685	50	0	20	3.23	-0.830	-0.0003	-2.5 to 2.5	Pass	
				3.80	-8.240	-0.0031	-2.5 to 2.5	Pass	
				4.37	-2.518	-0.0009	-2.5 to 2.5	Pass	
			-30	3.80	-6.824	-0.0025	-2.5 to 2.5	Pass	
			-20	3.80	-6.051	-0.0023	-2.5 to 2.5	Pass	
			-10	3.80	-7.210	-0.0027	-2.5 to 2.5	Pass	
			0	3.80	-3.090	-0.0012	-2.5 to 2.5	Pass	
			10	3.80	-6.938	-0.0026	-2.5 to 2.5	Pass	

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				30	3.80	-0.844	-0.0003	-2.5 to 2.5	Pass
				40	3.80	-8.326	-0.0031	-2.5 to 2.5	Pass
				50	3.80	-1.988	-0.0007	-2.5 to 2.5	Pass
64QAM	2501	50	0	20	3.23	-4.334	-0.0017	-2.5 to 2.5	Pass
					3.80	-7.181	-0.0029	-2.5 to 2.5	Pass
					4.37	-11.301	-0.0045	-2.5 to 2.5	Pass
				-30	3.80	-8.211	-0.0033	-2.5 to 2.5	Pass
				-20	3.80	-9.813	-0.0039	-2.5 to 2.5	Pass
				-10	3.80	-6.909	-0.0028	-2.5 to 2.5	Pass
				0	3.80	-2.518	-0.0010	-2.5 to 2.5	Pass
				10	3.80	-12.918	-0.0052	-2.5 to 2.5	Pass
				30	3.80	-1.931	-0.0008	-2.5 to 2.5	Pass
				40	3.80	-7.353	-0.0029	-2.5 to 2.5	Pass
				50	3.80	-7.868	-0.0031	-2.5 to 2.5	Pass
				2593	50	0	20	3.23	0.687
	3.80	-2.861	-0.0011					-2.5 to 2.5	Pass
	4.37	-3.262	-0.0013					-2.5 to 2.5	Pass
	-30	3.80	-5.951				-0.0023	-2.5 to 2.5	Pass
	-20	3.80	-3.977				-0.0015	-2.5 to 2.5	Pass
	-10	3.80	-4.978				-0.0019	-2.5 to 2.5	Pass
	0	3.80	-2.103				-0.0008	-2.5 to 2.5	Pass
	10	3.80	-8.097				-0.0031	-2.5 to 2.5	Pass
	30	3.80	-1.588				-0.0006	-2.5 to 2.5	Pass
	40	3.80	-1.974				-0.0008	-2.5 to 2.5	Pass
	50	3.80	0.386				0.0001	-2.5 to 2.5	Pass
	2685	50	0				20	3.23	-11.230
				3.80	-8.383	-0.0031		-2.5 to 2.5	Pass
4.37				-6.223	-0.0023	-2.5 to 2.5		Pass	
-30				3.80	-8.097	-0.0030	-2.5 to 2.5	Pass	
-20				3.80	-8.111	-0.0030	-2.5 to 2.5	Pass	
-10				3.80	-0.844	-0.0003	-2.5 to 2.5	Pass	
0				3.80	-6.409	-0.0024	-2.5 to 2.5	Pass	
10				3.80	-6.094	-0.0023	-2.5 to 2.5	Pass	
30				3.80	-11.029	-0.0041	-2.5 to 2.5	Pass	
40				3.80	-7.110	-0.0026	-2.5 to 2.5	Pass	
50				3.80	-8.025	-0.0030	-2.5 to 2.5	Pass	

2.3 B41_15MHz

2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.23	-8.755	-0.0035	-2.5 to 2.5	Pass
					3.80	-11.187	-0.0045	-2.5 to 2.5	Pass
					4.37	-4.778	-0.0019	-2.5 to 2.5	Pass
				-30	3.80	-6.981	-0.0028	-2.5 to 2.5	Pass
				-20	3.80	-6.223	-0.0025	-2.5 to 2.5	Pass
				-10	3.80	-4.678	-0.0019	-2.5 to 2.5	Pass
				0	3.80	-4.420	-0.0018	-2.5 to 2.5	Pass
				10	3.80	-2.575	-0.0010	-2.5 to 2.5	Pass



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	2593	75	0	30	3.80	-9.470	-0.0038	-2.5 to 2.5	Pass
				40	3.80	-9.785	-0.0039	-2.5 to 2.5	Pass
				50	3.80	-8.483	-0.0034	-2.5 to 2.5	Pass
				20	3.23	-5.150	-0.0020	-2.5 to 2.5	Pass
					3.80	-9.713	-0.0037	-2.5 to 2.5	Pass
					4.37	-10.500	-0.0040	-2.5 to 2.5	Pass
				-30	3.80	-14.005	-0.0054	-2.5 to 2.5	Pass
				-20	3.80	-4.363	-0.0017	-2.5 to 2.5	Pass
				-10	3.80	-10.142	-0.0039	-2.5 to 2.5	Pass
	0	3.80	-9.298	-0.0036	-2.5 to 2.5	Pass			
	10	3.80	-6.495	-0.0025	-2.5 to 2.5	Pass			
	30	3.80	-5.851	-0.0023	-2.5 to 2.5	Pass			
	40	3.80	-10.300	-0.0040	-2.5 to 2.5	Pass			
	50	3.80	-8.340	-0.0032	-2.5 to 2.5	Pass			
	2682.5	75	0	20	3.23	-1.931	-0.0007	-2.5 to 2.5	Pass
					3.80	-5.865	-0.0022	-2.5 to 2.5	Pass
					4.37	-4.392	-0.0016	-2.5 to 2.5	Pass
				-30	3.80	-3.633	-0.0014	-2.5 to 2.5	Pass
				-20	3.80	-9.284	-0.0035	-2.5 to 2.5	Pass
				-10	3.80	-11.673	-0.0044	-2.5 to 2.5	Pass
				0	3.80	-4.678	-0.0017	-2.5 to 2.5	Pass
				10	3.80	-4.048	-0.0015	-2.5 to 2.5	Pass
				30	3.80	-10.214	-0.0038	-2.5 to 2.5	Pass
				40	3.80	-2.117	-0.0008	-2.5 to 2.5	Pass
50				3.80	-1.860	-0.0007	-2.5 to 2.5	Pass	
16QAM				2503.5	75	0	20	3.23	-5.951
	3.80	-7.067	-0.0028					-2.5 to 2.5	Pass
	4.37	-4.621	-0.0018					-2.5 to 2.5	Pass
	-30	3.80	-1.330				-0.0005	-2.5 to 2.5	Pass
	-20	3.80	-3.633				-0.0015	-2.5 to 2.5	Pass
	-10	3.80	-7.238				-0.0029	-2.5 to 2.5	Pass
	0	3.80	-9.112				-0.0036	-2.5 to 2.5	Pass
	10	3.80	-4.649				-0.0019	-2.5 to 2.5	Pass
	30	3.80	-2.146				-0.0009	-2.5 to 2.5	Pass
	40	3.80	-4.363				-0.0017	-2.5 to 2.5	Pass
	50	3.80	-9.270				-0.0037	-2.5 to 2.5	Pass
	2593	75	0				20	3.23	-8.197
				3.80	-8.755	-0.0034		-2.5 to 2.5	Pass
				4.37	-6.166	-0.0024		-2.5 to 2.5	Pass
				-30	3.80	-16.809	-0.0065	-2.5 to 2.5	Pass
				-20	3.80	-4.463	-0.0017	-2.5 to 2.5	Pass
				-10	3.80	-4.063	-0.0016	-2.5 to 2.5	Pass
				0	3.80	-11.544	-0.0045	-2.5 to 2.5	Pass
				10	3.80	-4.492	-0.0017	-2.5 to 2.5	Pass
				30	3.80	-5.236	-0.0020	-2.5 to 2.5	Pass
				40	3.80	-8.154	-0.0031	-2.5 to 2.5	Pass
				50	3.80	-12.174	-0.0047	-2.5 to 2.5	Pass
				2682.5	75	0	20	3.23	-7.682
	3.80	-5.350	-0.0020					-2.5 to 2.5	Pass
4.37	-3.133	-0.0012	-2.5 to 2.5					Pass	
-30	3.80	-5.851	-0.0022				-2.5 to 2.5	Pass	
-20	3.80	-4.821	-0.0018				-2.5 to 2.5	Pass	
-10	3.80	-7.482	-0.0028				-2.5 to 2.5	Pass	
0	3.80	-6.795	-0.0025	-2.5 to 2.5	Pass				

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				10	3.80	-5.164	-0.0019	-2.5 to 2.5	Pass
				30	3.80	-3.662	-0.0014	-2.5 to 2.5	Pass
				40	3.80	-3.819	-0.0014	-2.5 to 2.5	Pass
				50	3.80	-4.678	-0.0017	-2.5 to 2.5	Pass
64QAM	2503.5	75	0	20	3.23	-4.263	-0.0017	-2.5 to 2.5	Pass
					3.80	-11.287	-0.0045	-2.5 to 2.5	Pass
					4.37	-5.178	-0.0021	-2.5 to 2.5	Pass
				-30	3.80	-3.490	-0.0014	-2.5 to 2.5	Pass
				-20	3.80	-11.215	-0.0045	-2.5 to 2.5	Pass
				-10	3.80	-6.266	-0.0025	-2.5 to 2.5	Pass
				0	3.80	-3.519	-0.0014	-2.5 to 2.5	Pass
				10	3.80	-4.148	-0.0017	-2.5 to 2.5	Pass
				30	3.80	-3.405	-0.0014	-2.5 to 2.5	Pass
				40	3.80	-2.875	-0.0011	-2.5 to 2.5	Pass
				50	3.80	-8.626	-0.0034	-2.5 to 2.5	Pass
				2593	75	0	20	3.23	-8.812
	3.80	-7.038	-0.0027					-2.5 to 2.5	Pass
	4.37	-8.025	-0.0031					-2.5 to 2.5	Pass
	-30	3.80	-9.985				-0.0039	-2.5 to 2.5	Pass
	-20	3.80	-6.824				-0.0026	-2.5 to 2.5	Pass
	-10	3.80	-6.709				-0.0026	-2.5 to 2.5	Pass
	0	3.80	-5.093				-0.0020	-2.5 to 2.5	Pass
	10	3.80	-7.782				-0.0030	-2.5 to 2.5	Pass
	30	3.80	-5.722				-0.0022	-2.5 to 2.5	Pass
	40	3.80	-9.284				-0.0036	-2.5 to 2.5	Pass
	50	3.80	-7.396				-0.0029	-2.5 to 2.5	Pass
	2682.5	75	0				20	3.23	-4.749
				3.80	-6.022	-0.0022		-2.5 to 2.5	Pass
4.37				-3.662	-0.0014	-2.5 to 2.5		Pass	
-30				3.80	-7.639	-0.0028	-2.5 to 2.5	Pass	
-20				3.80	-7.524	-0.0028	-2.5 to 2.5	Pass	
-10				3.80	-4.334	-0.0016	-2.5 to 2.5	Pass	
0				3.80	-5.865	-0.0022	-2.5 to 2.5	Pass	
10				3.80	-0.529	-0.0002	-2.5 to 2.5	Pass	
30				3.80	-3.719	-0.0014	-2.5 to 2.5	Pass	
40				3.80	-9.713	-0.0036	-2.5 to 2.5	Pass	
50				3.80	-7.882	-0.0029	-2.5 to 2.5	Pass	

2.4 B41_20MHz

2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.23	-14.834	-0.0059	-2.5 to 2.5	Pass
					3.80	-8.955	-0.0036	-2.5 to 2.5	Pass
					4.37	-11.601	-0.0046	-2.5 to 2.5	Pass
				-30	3.80	-6.180	-0.0025	-2.5 to 2.5	Pass
				-20	3.80	-12.188	-0.0049	-2.5 to 2.5	Pass
				-10	3.80	-10.901	-0.0043	-2.5 to 2.5	Pass
				0	3.80	-16.594	-0.0066	-2.5 to 2.5	Pass



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				10	3.80	-13.375	-0.0053	-2.5 to 2.5	Pass	
				30	3.80	-6.180	-0.0025	-2.5 to 2.5	Pass	
				40	3.80	-0.286	-0.0001	-2.5 to 2.5	Pass	
				50	3.80	-7.095	-0.0028	-2.5 to 2.5	Pass	
	2593	100	0	20	3.23	-6.680	-0.0026	-2.5 to 2.5	Pass	
					3.80	-5.679	-0.0022	-2.5 to 2.5	Pass	
					4.37	-3.004	-0.0012	-2.5 to 2.5	Pass	
				-30	3.80	-8.583	-0.0033	-2.5 to 2.5	Pass	
				-20	3.80	-4.678	-0.0018	-2.5 to 2.5	Pass	
				-10	3.80	-6.094	-0.0024	-2.5 to 2.5	Pass	
				0	3.80	-7.195	-0.0028	-2.5 to 2.5	Pass	
				10	3.80	-13.933	-0.0054	-2.5 to 2.5	Pass	
				30	3.80	-3.533	-0.0014	-2.5 to 2.5	Pass	
				40	3.80	-3.662	-0.0014	-2.5 to 2.5	Pass	
				50	3.80	-7.181	-0.0028	-2.5 to 2.5	Pass	
				2680	100	0	20	3.23	-6.924	-0.0026
	3.80	-6.881	-0.0026					-2.5 to 2.5	Pass	
	4.37	0.129	0.0000					-2.5 to 2.5	Pass	
	-30	3.80	-3.662				-0.0014	-2.5 to 2.5	Pass	
	-20	3.80	-8.926				-0.0033	-2.5 to 2.5	Pass	
	-10	3.80	-3.848				-0.0014	-2.5 to 2.5	Pass	
	0	3.80	-1.030				-0.0004	-2.5 to 2.5	Pass	
	10	3.80	-8.268				-0.0031	-2.5 to 2.5	Pass	
	30	3.80	-6.237				-0.0023	-2.5 to 2.5	Pass	
	40	3.80	-6.237				-0.0023	-2.5 to 2.5	Pass	
	50	3.80	0.143				0.0001	-2.5 to 2.5	Pass	
	16QAM	2506	100				0	20	3.23	-6.423
				3.80	-6.180	-0.0025			-2.5 to 2.5	Pass
4.37				-6.723	-0.0027	-2.5 to 2.5			Pass	
-30				3.80	-7.439	-0.0030		-2.5 to 2.5	Pass	
-20				3.80	-9.241	-0.0037		-2.5 to 2.5	Pass	
-10				3.80	-5.994	-0.0024		-2.5 to 2.5	Pass	
0				3.80	-8.640	-0.0034		-2.5 to 2.5	Pass	
10				3.80	-8.168	-0.0033		-2.5 to 2.5	Pass	
30				3.80	-3.018	-0.0012		-2.5 to 2.5	Pass	
40				3.80	-7.010	-0.0028		-2.5 to 2.5	Pass	
50				3.80	-5.622	-0.0022		-2.5 to 2.5	Pass	
2593				100	0	20		3.23	-5.136	-0.0020
		3.80	-4.978				-0.0019	-2.5 to 2.5	Pass	
		4.37	-1.388				-0.0005	-2.5 to 2.5	Pass	
		-30	3.80			-10.057	-0.0039	-2.5 to 2.5	Pass	
		-20	3.80			-2.575	-0.0010	-2.5 to 2.5	Pass	
		-10	3.80			-2.232	-0.0009	-2.5 to 2.5	Pass	
		0	3.80			-7.625	-0.0029	-2.5 to 2.5	Pass	
		10	3.80			-5.851	-0.0023	-2.5 to 2.5	Pass	
		30	3.80			-8.154	-0.0031	-2.5 to 2.5	Pass	
		40	3.80			-3.236	-0.0013	-2.5 to 2.5	Pass	
		50	3.80			-10.772	-0.0042	-2.5 to 2.5	Pass	
		2680	100			0	20	3.23	-1.602	-0.0006
3.80				-8.640	-0.0032			-2.5 to 2.5	Pass	
4.37				-1.903	-0.0007			-2.5 to 2.5	Pass	
-30				3.80	-7.253		-0.0027	-2.5 to 2.5	Pass	
-20				3.80	-5.636		-0.0021	-2.5 to 2.5	Pass	
-10				3.80	-4.091		-0.0015	-2.5 to 2.5	Pass	

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				0	3.80	-2.503	-0.0009	-2.5 to 2.5	Pass	
				10	3.80	-7.482	-0.0028	-2.5 to 2.5	Pass	
				30	3.80	-3.562	-0.0013	-2.5 to 2.5	Pass	
				40	3.80	-4.749	-0.0018	-2.5 to 2.5	Pass	
				50	3.80	-3.705	-0.0014	-2.5 to 2.5	Pass	
64QAM	2506	100	0	20	3.23	-10.901	-0.0043	-2.5 to 2.5	Pass	
					3.80	-8.683	-0.0035	-2.5 to 2.5	Pass	
					4.37	-7.339	-0.0029	-2.5 to 2.5	Pass	
				-30	3.80	-4.249	-0.0017	-2.5 to 2.5	Pass	
					-20	3.80	-6.223	-0.0025	-2.5 to 2.5	Pass
					-10	3.80	-4.692	-0.0019	-2.5 to 2.5	Pass
				0	3.80	-7.181	-0.0029	-2.5 to 2.5	Pass	
					10	3.80	-10.057	-0.0040	-2.5 to 2.5	Pass
					30	3.80	-8.998	-0.0036	-2.5 to 2.5	Pass
					40	3.80	-5.322	-0.0021	-2.5 to 2.5	Pass
					50	3.80	-6.909	-0.0028	-2.5 to 2.5	Pass
					2593	100	0	20	3.23	-4.964
	3.80	-6.623	-0.0026						-2.5 to 2.5	Pass
	4.37	0.114	0.0000						-2.5 to 2.5	Pass
	-30	3.80	-7.038					-0.0027	-2.5 to 2.5	Pass
		-20	3.80	-10.872				-0.0042	-2.5 to 2.5	Pass
		-10	3.80	-7.095				-0.0027	-2.5 to 2.5	Pass
	0	3.80	-3.891	-0.0015				-2.5 to 2.5	Pass	
		10	3.80	-3.490				-0.0013	-2.5 to 2.5	Pass
		30	3.80	-9.112				-0.0035	-2.5 to 2.5	Pass
		40	3.80	-3.462				-0.0013	-2.5 to 2.5	Pass
		50	3.80	-8.140				-0.0031	-2.5 to 2.5	Pass
		2680	100	0				20	3.23	0.257
					3.80	-4.134	-0.0015		-2.5 to 2.5	Pass
4.37					-1.945	-0.0007	-2.5 to 2.5		Pass	
-30					3.80	-6.909	-0.0026	-2.5 to 2.5	Pass	
	-20				3.80	-5.465	-0.0020	-2.5 to 2.5	Pass	
	-10				3.80	-4.191	-0.0016	-2.5 to 2.5	Pass	
0	3.80				-7.410	-0.0028	-2.5 to 2.5	Pass		
	10				3.80	-0.801	-0.0003	-2.5 to 2.5	Pass	
	30				3.80	-7.968	-0.0030	-2.5 to 2.5	Pass	
	40				3.80	-3.161	-0.0012	-2.5 to 2.5	Pass	
	50				3.80	-4.077	-0.0015	-2.5 to 2.5	Pass	

3. Modulation Characteristics

3.1 B41_5MHz

3.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	25	0	Refer To Test Graph		Pass
16QAM	2593	25	0	Refer To Test Graph		Pass
64QAM	2593	25	0	Refer To Test Graph		Pass



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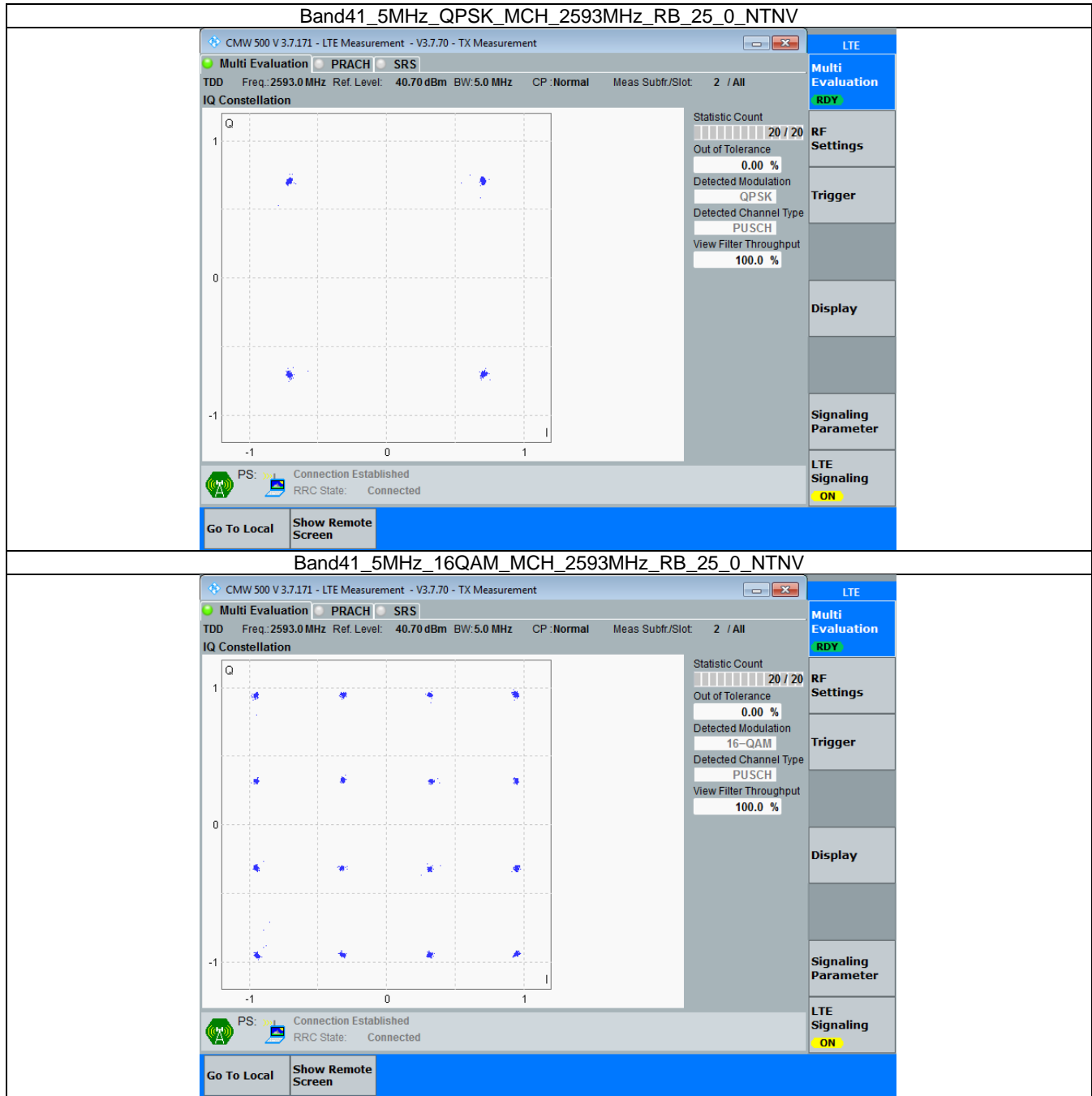
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3.1.2 Test Graph

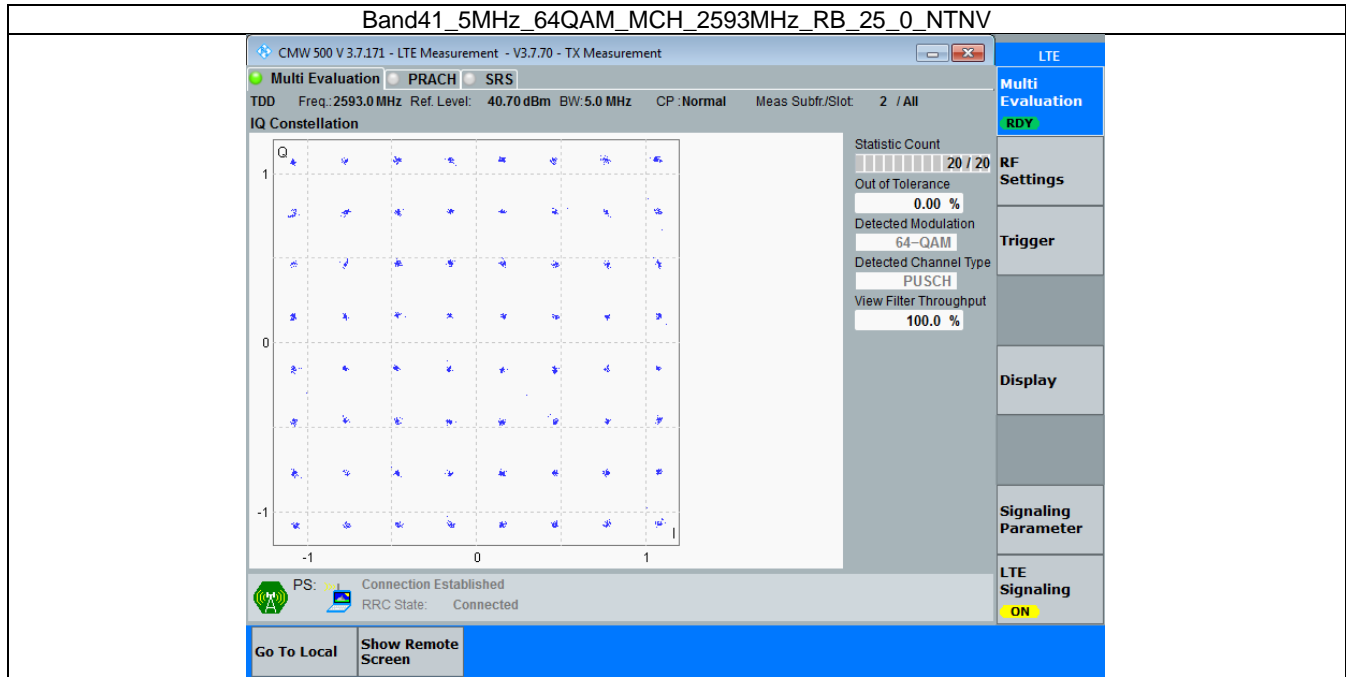


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3.2 B41_10MHz

3.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	50	0	Refer To Test Graph		Pass
64QAM	2593	50	0	Refer To Test Graph		Pass

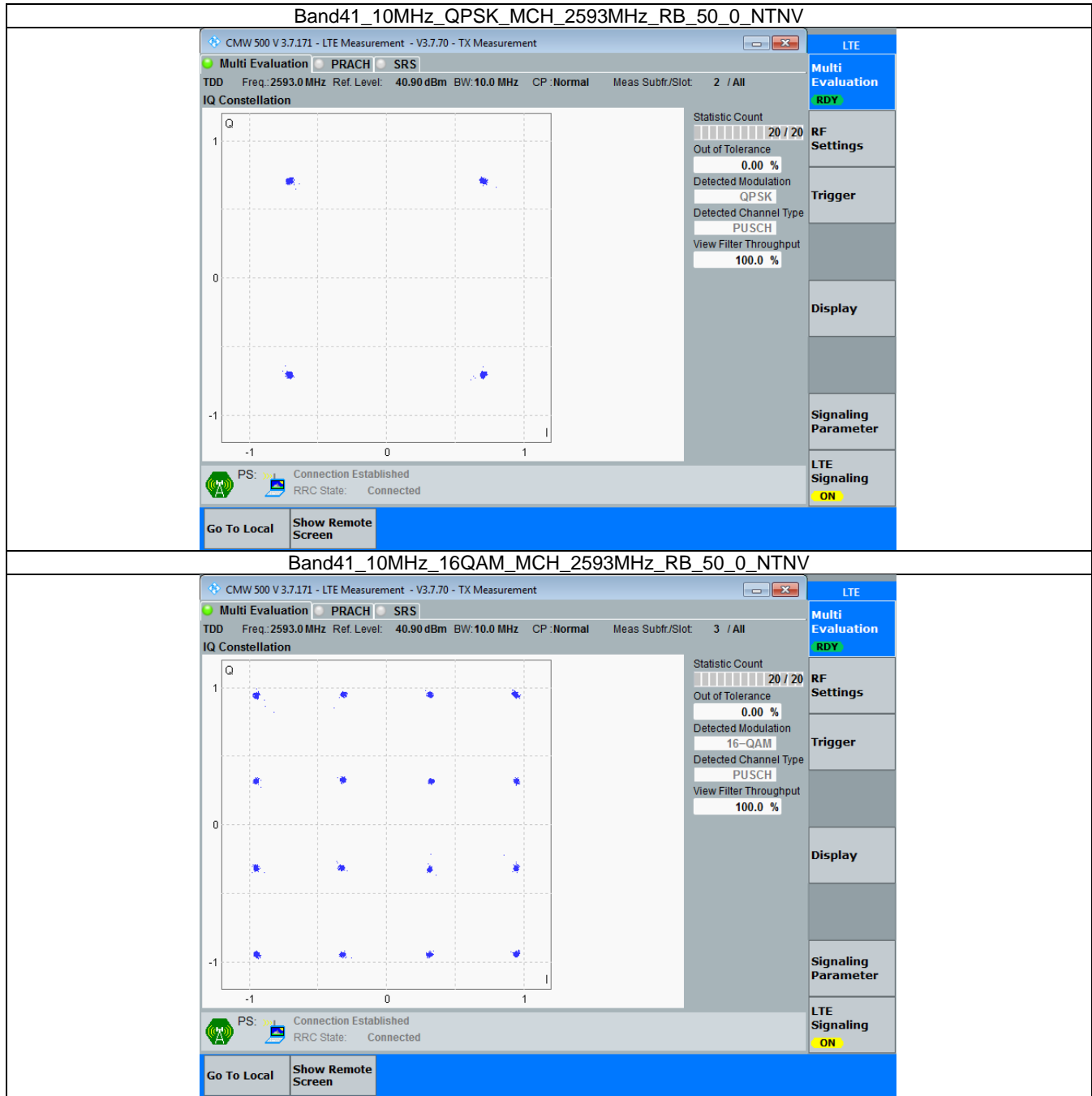


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3.2.2 Test Graph

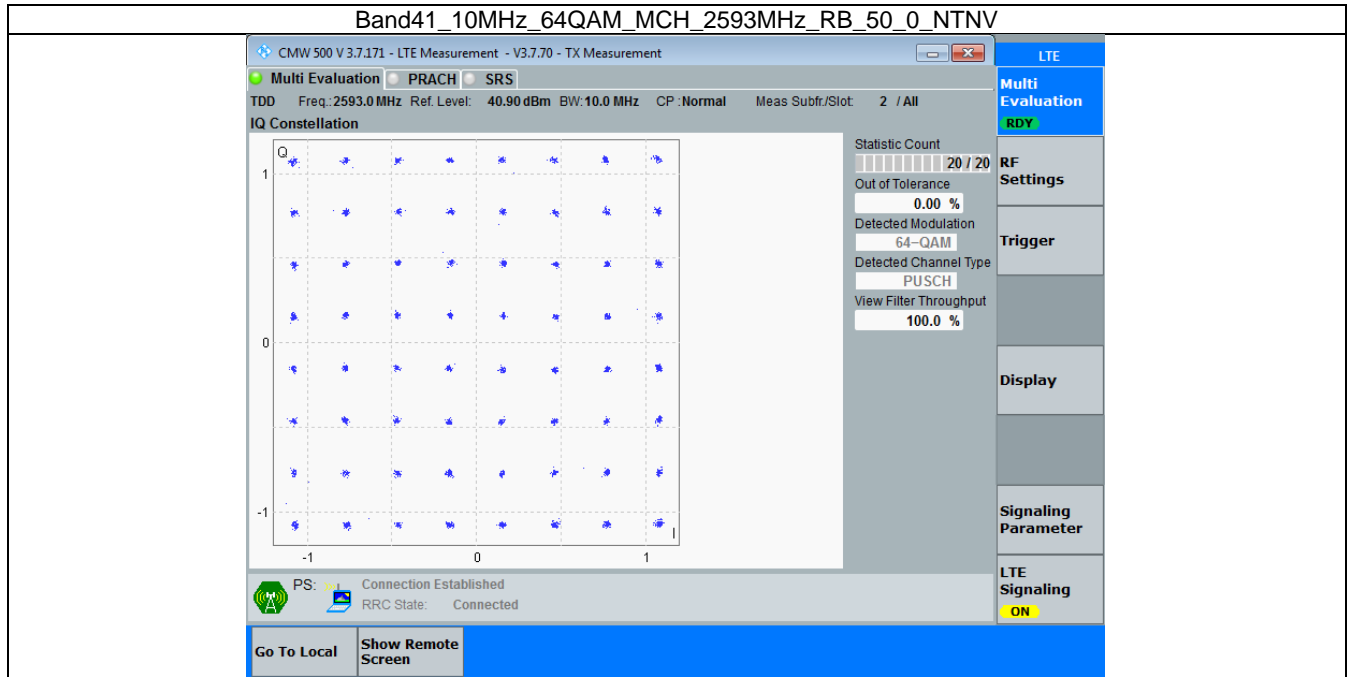


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3.3 B41_15MHz

3.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass
64QAM	2593	75	0	Refer To Test Graph		Pass



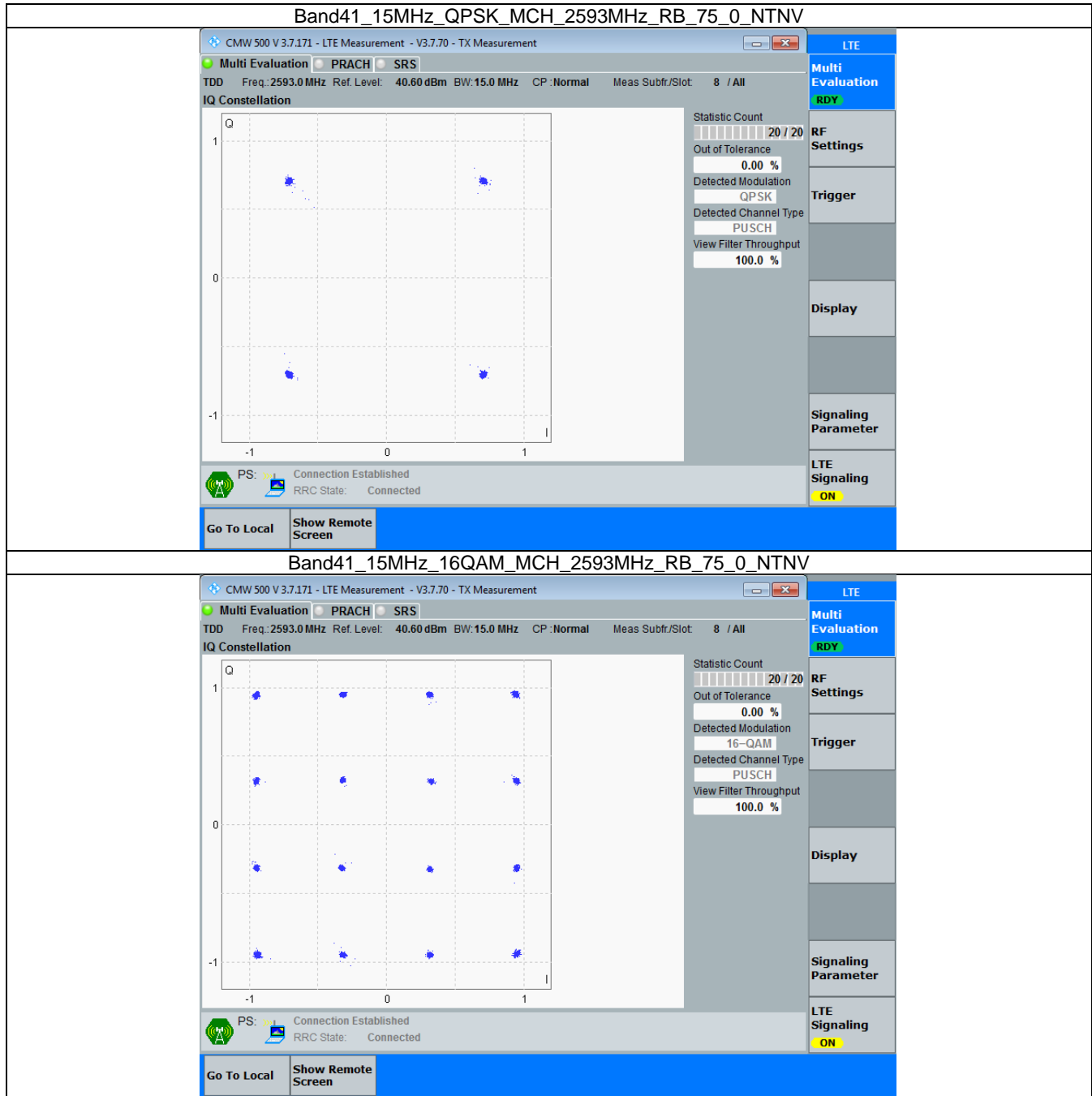
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3.3.2 Test Graph

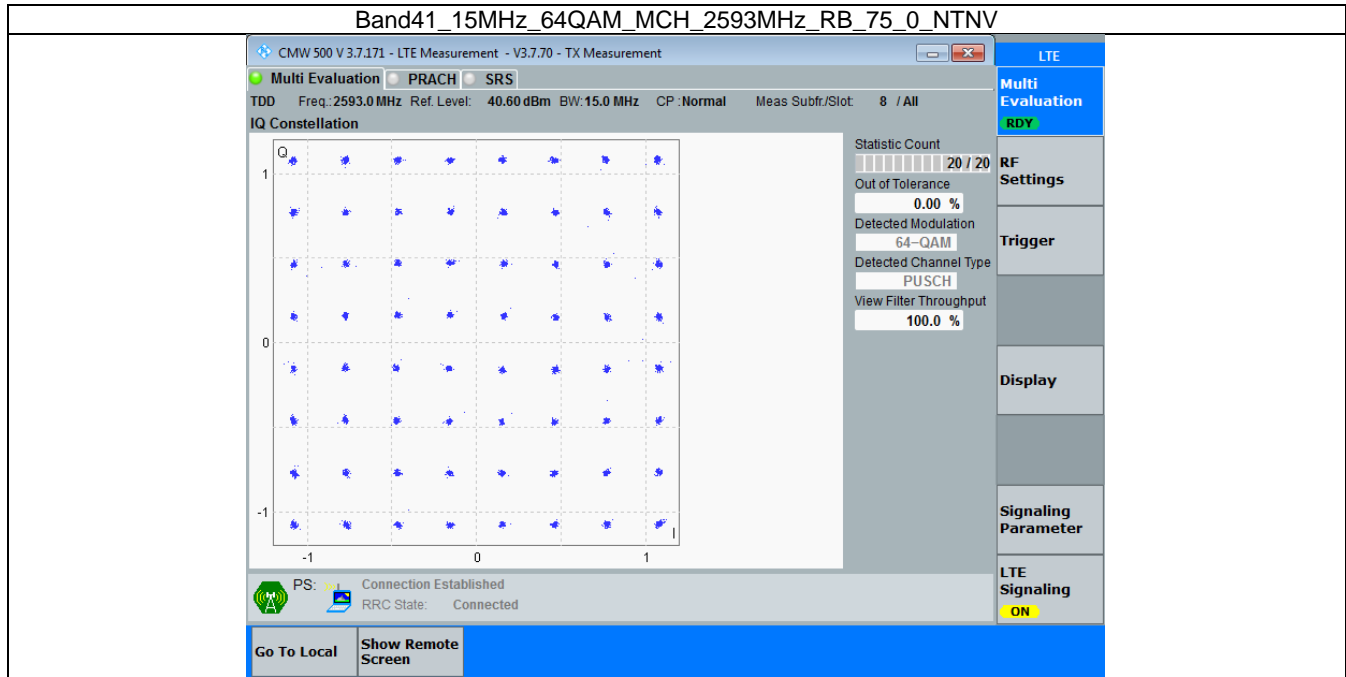


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3.4 B41_20MHz

3.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass
64QAM	2593	100	0	Refer To Test Graph		Pass

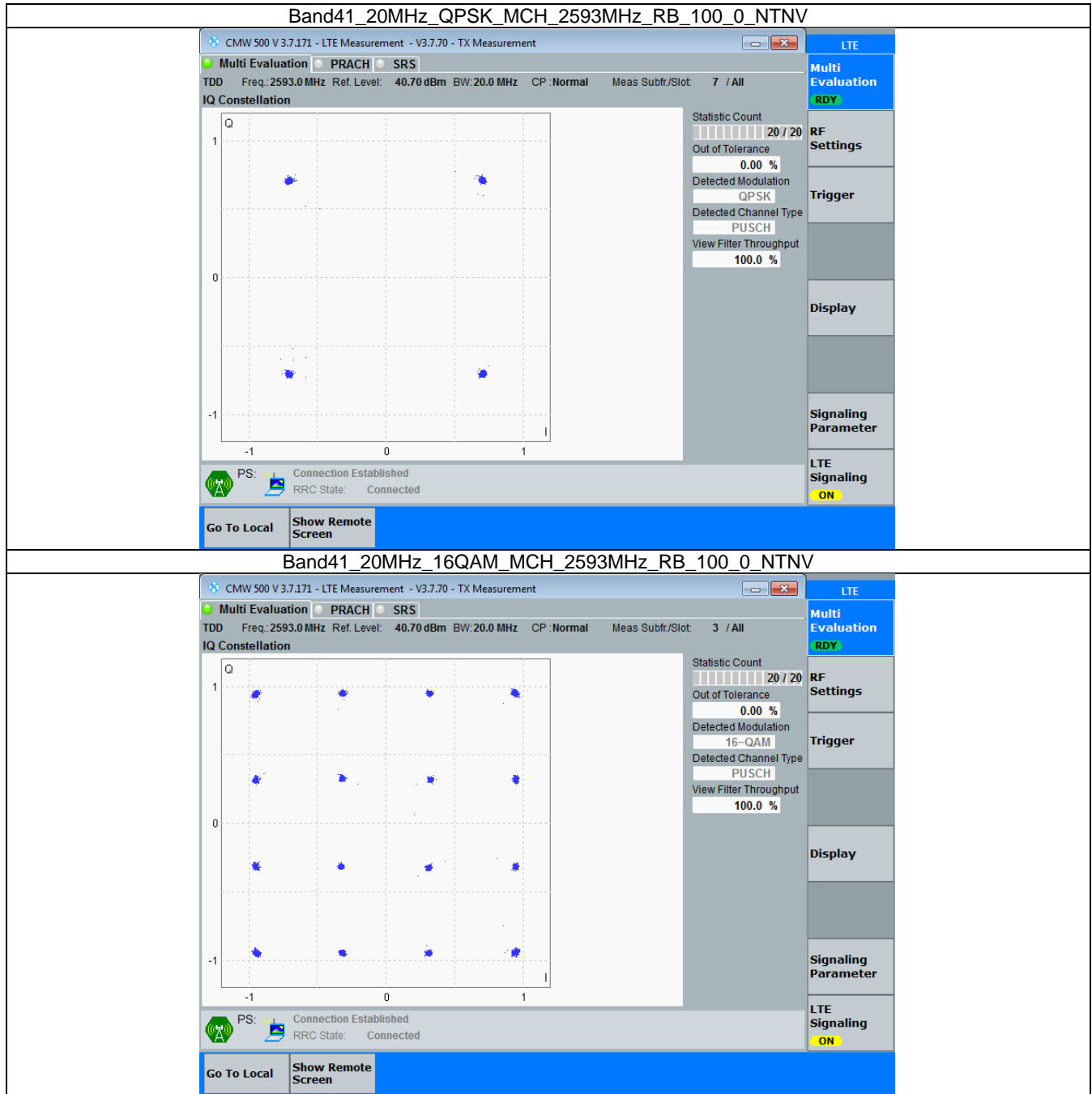


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3.4.2 Test Graph

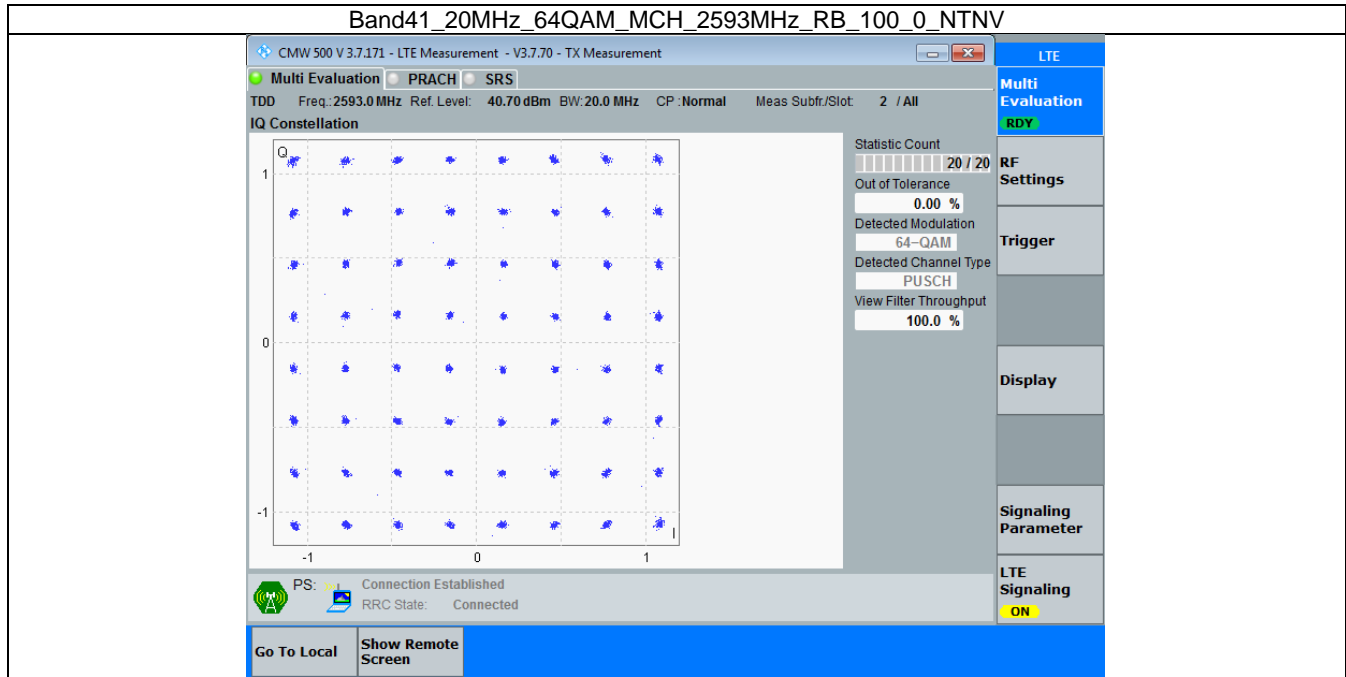


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4. 99% & 26dB Bandwidth

4.1 Band41_OBW

4.1.1 Test Result

Band: 41 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.548	Pass
		2593	25	0	4.533	Pass
		2687.5	25	0	4.543	Pass
	16QAM	2498.5	25	0	4.547	Pass
		2593	25	0	4.519	Pass
		2687.5	25	0	4.533	Pass
	64QAM	2498.5	25	0	4.541	Pass
		2593	25	0	4.534	Pass
		2687.5	25	0	4.543	Pass
10	QPSK	2501	50	0	9.062	Pass
		2593	50	0	9.048	Pass
		2685	50	0	9.081	Pass
	16QAM	2501	50	0	9.080	Pass
		2593	50	0	9.038	Pass
		2685	50	0	9.057	Pass
	64QAM	2501	50	0	9.057	Pass
		2593	50	0	9.039	Pass
		2685	50	0	9.070	Pass
15	QPSK	2503.5	75	0	13.603	Pass
		2593	75	0	13.568	Pass
		2682.5	75	0	13.543	Pass
	16QAM	2503.5	75	0	13.634	Pass
		2593	75	0	13.581	Pass
		2682.5	75	0	13.623	Pass
	64QAM	2503.5	75	0	13.579	Pass
		2593	75	0	13.581	Pass
		2682.5	75	0	13.595	Pass
20	QPSK	2506	100	0	18.135	Pass
		2593	100	0	18.063	Pass
		2680	100	0	18.138	Pass
	16QAM	2506	100	0	18.092	Pass
		2593	100	0	18.108	Pass
		2680	100	0	18.110	Pass
	64QAM	2506	100	0	18.041	Pass
		2593	100	0	18.095	Pass
		2680	100	0	18.129	Pass



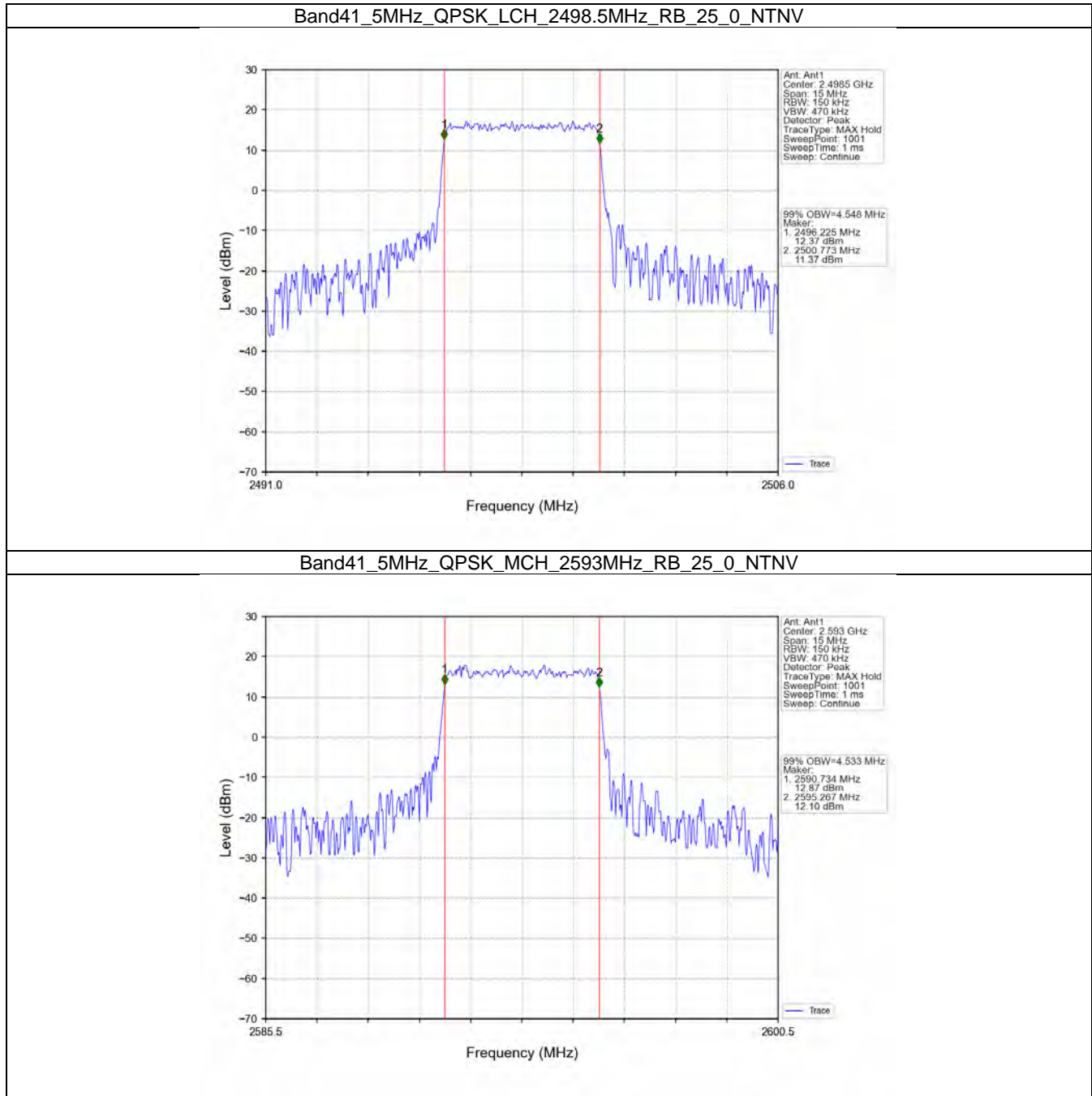
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4.1.2 Test Graph



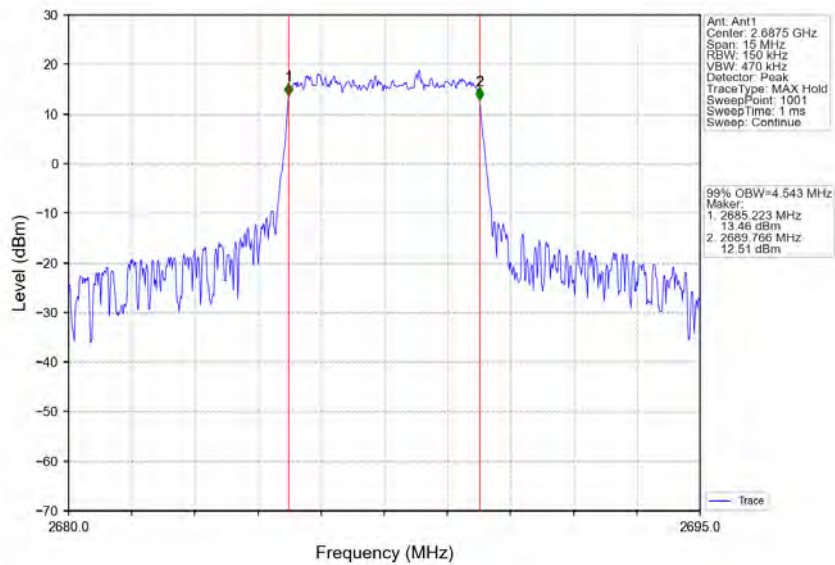
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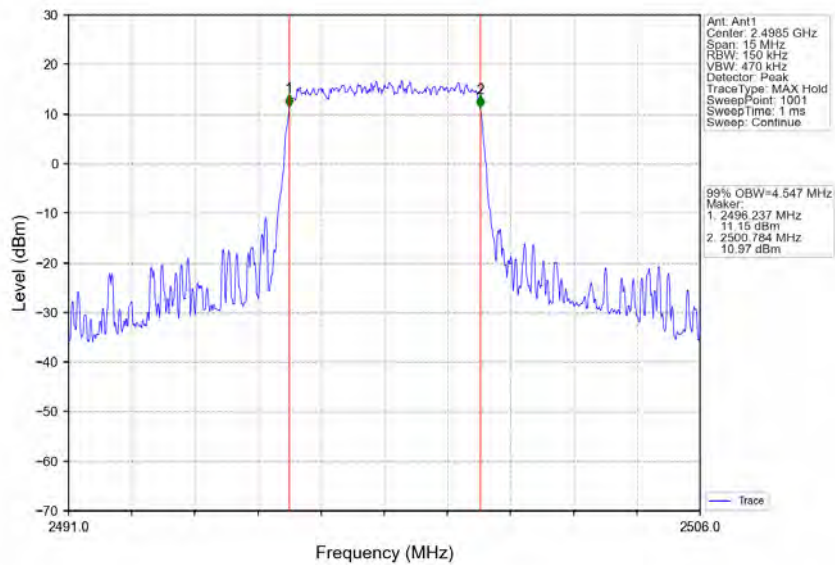
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Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



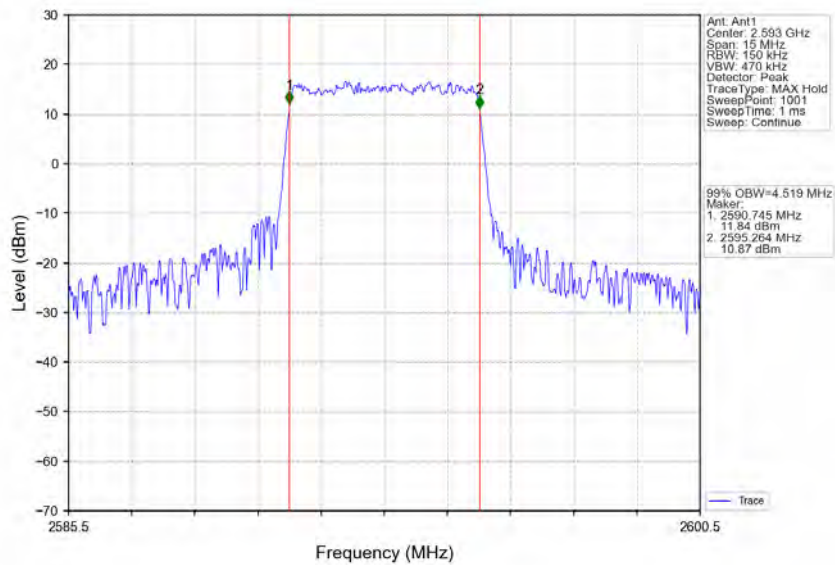
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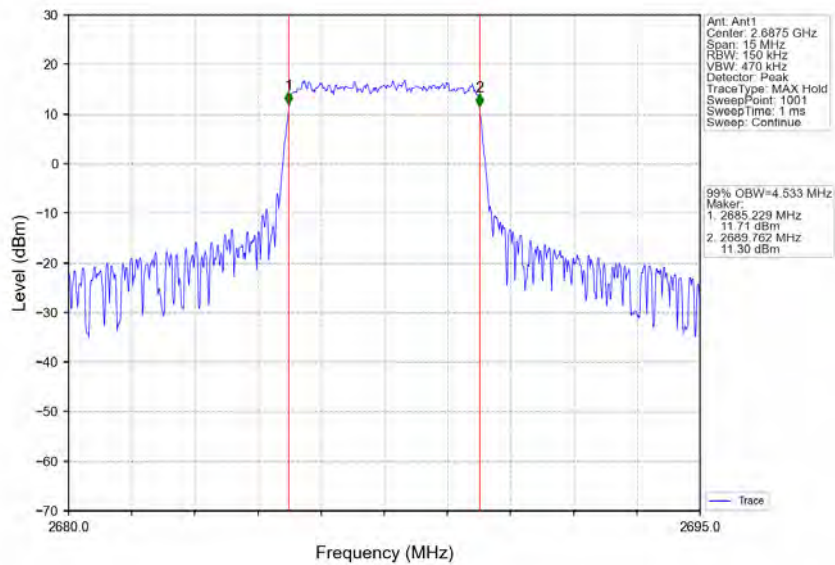
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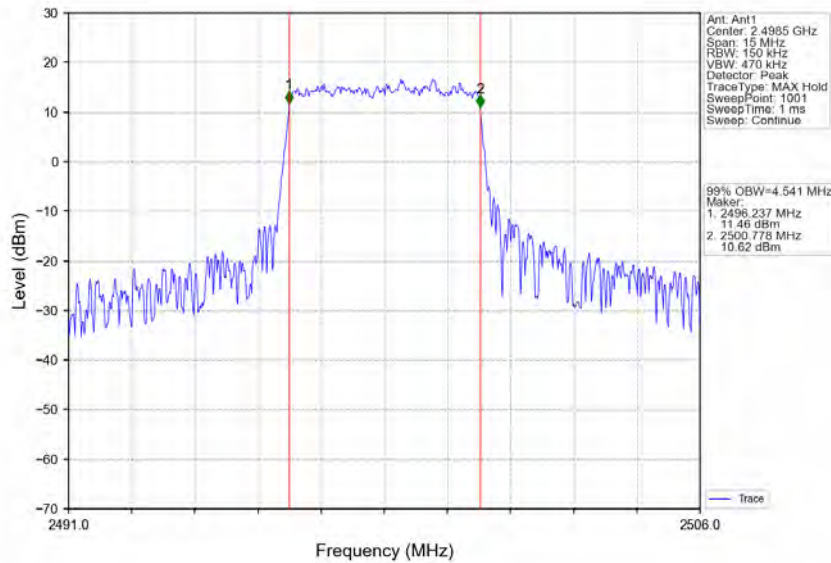
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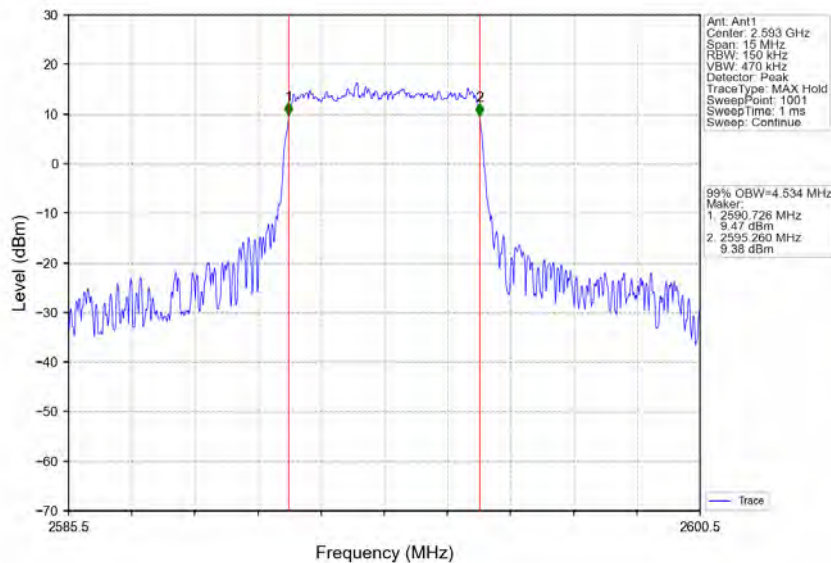
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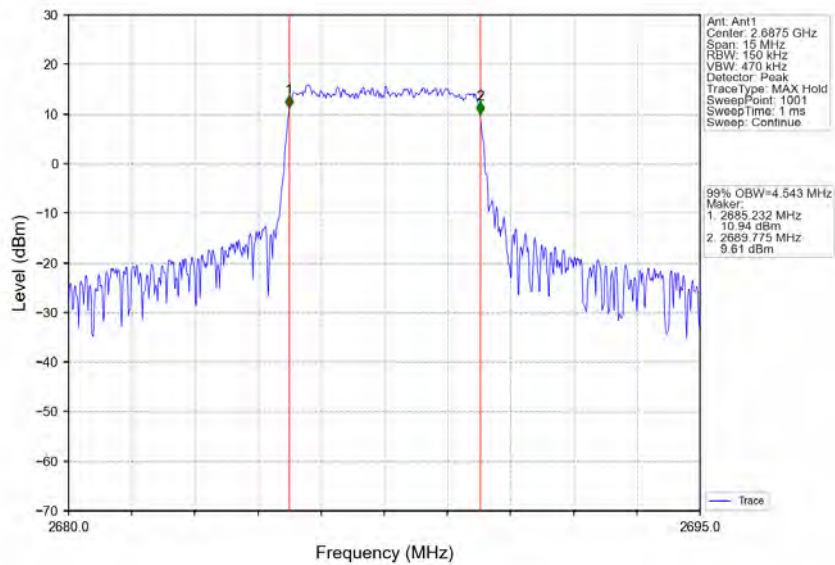
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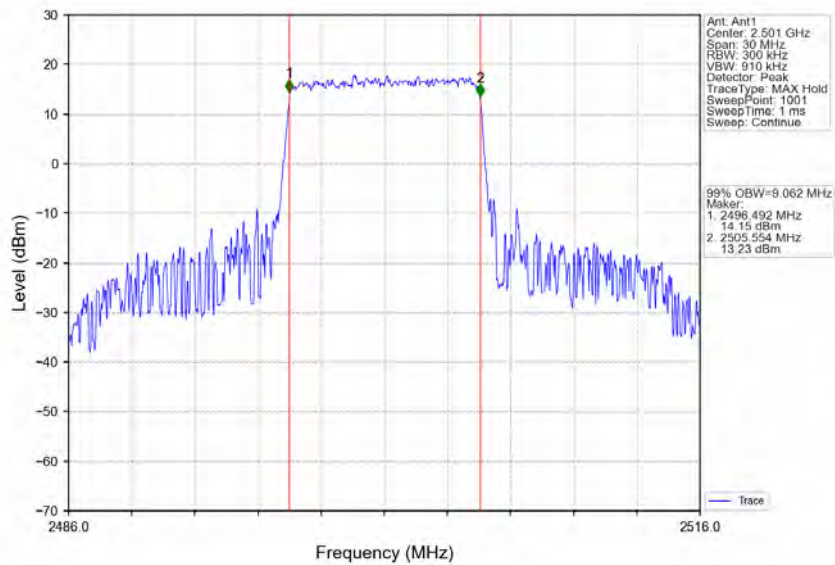
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Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



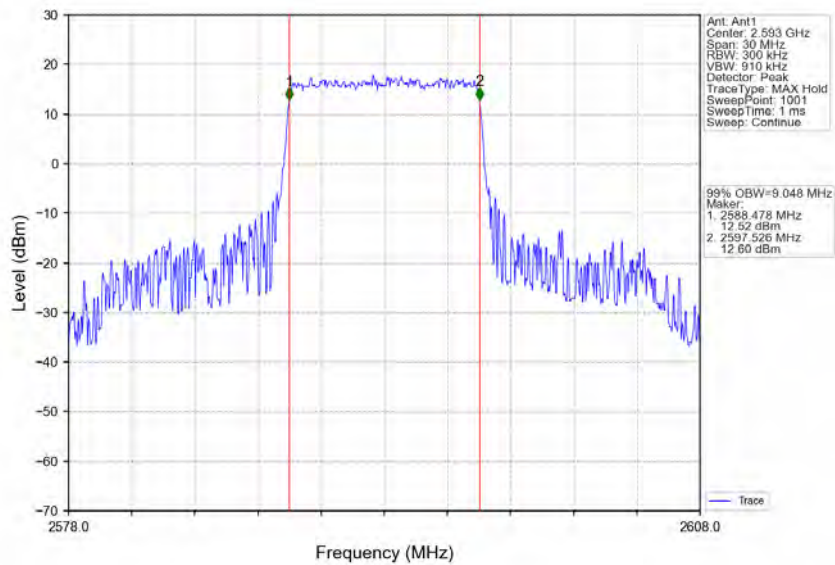
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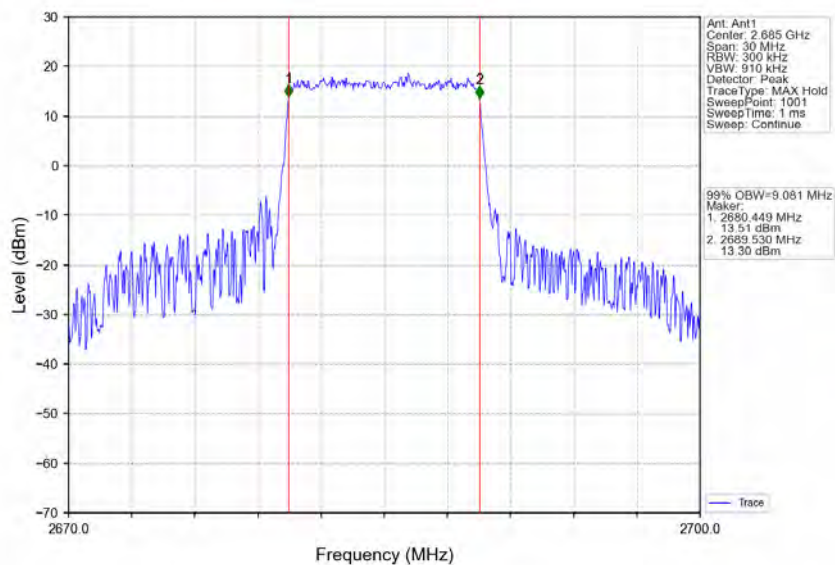
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Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

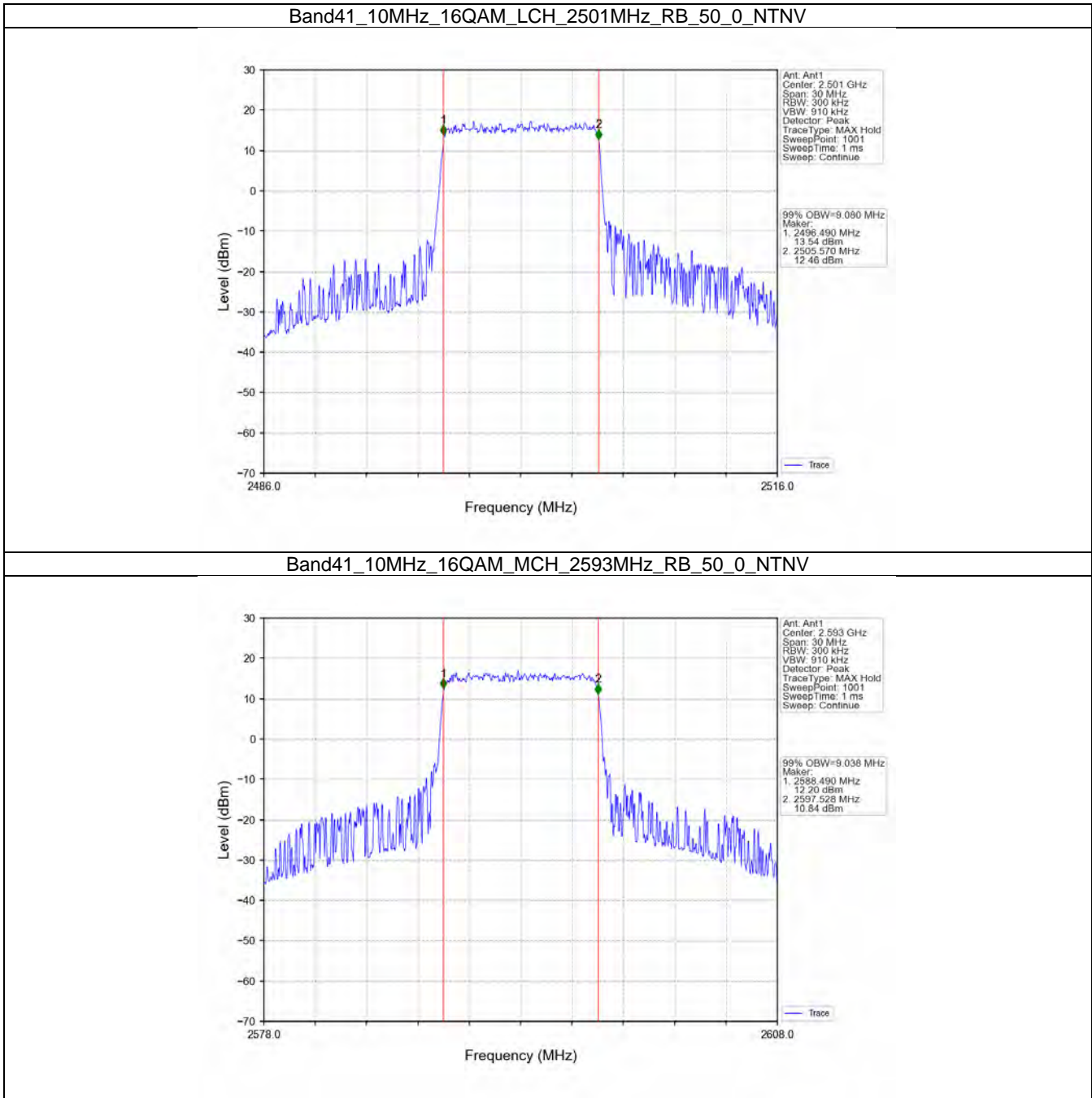


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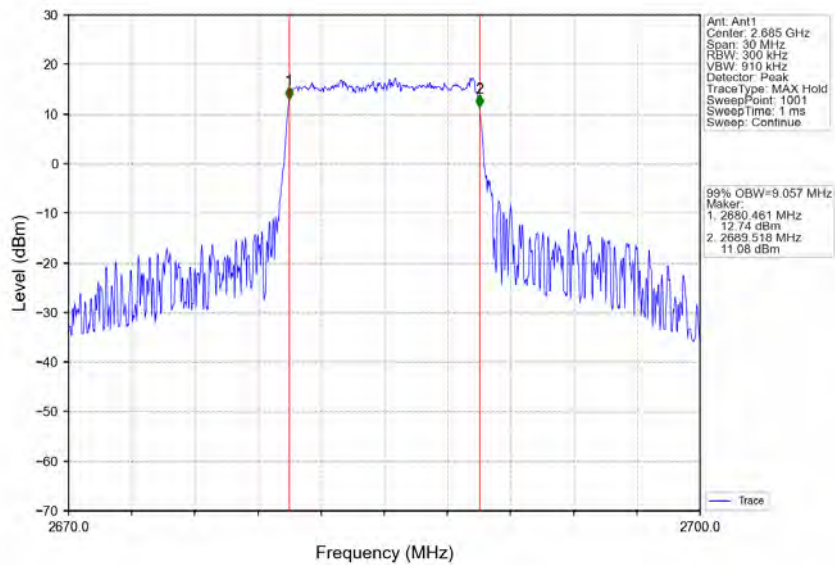
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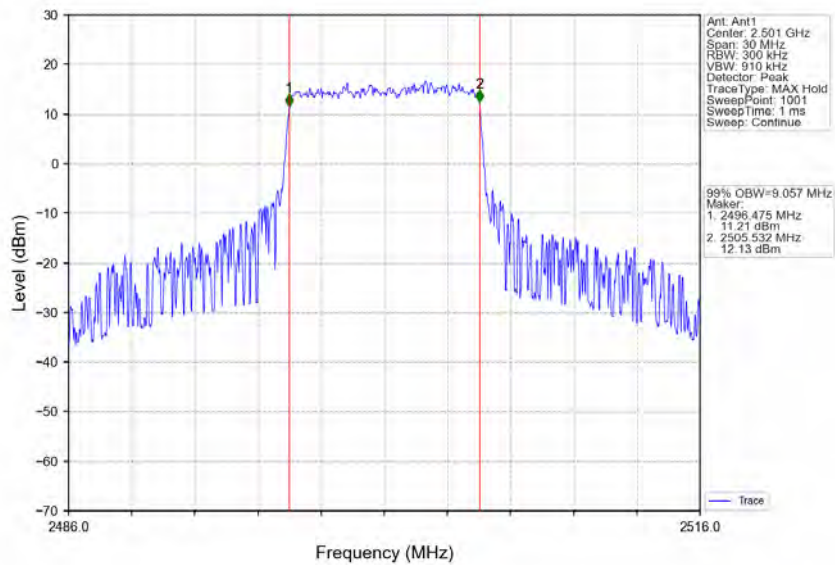
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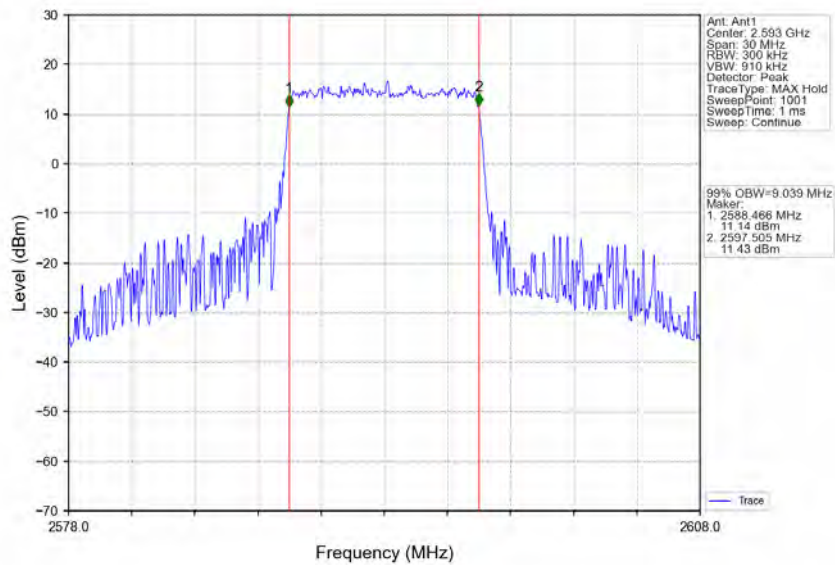
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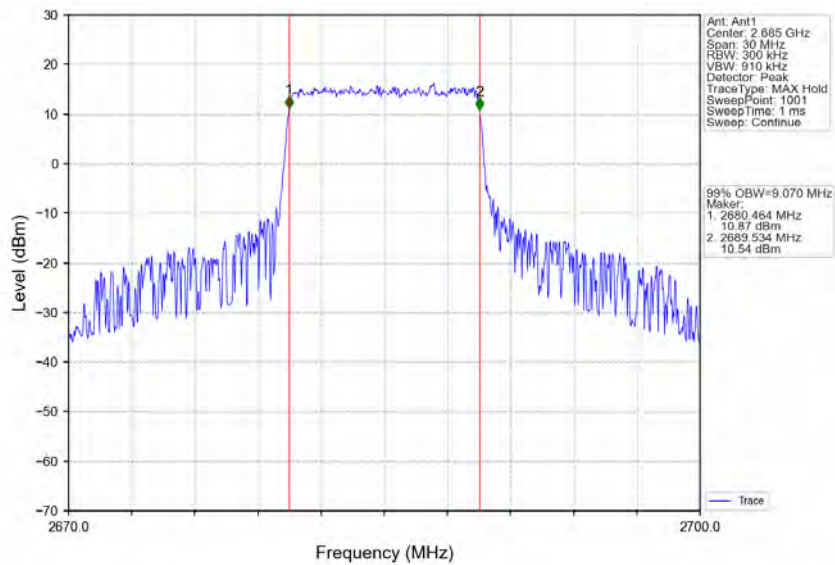
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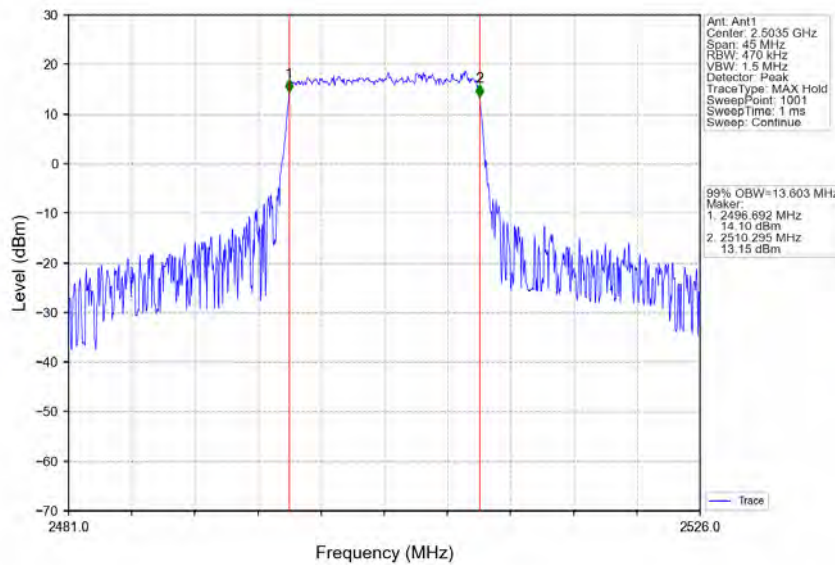
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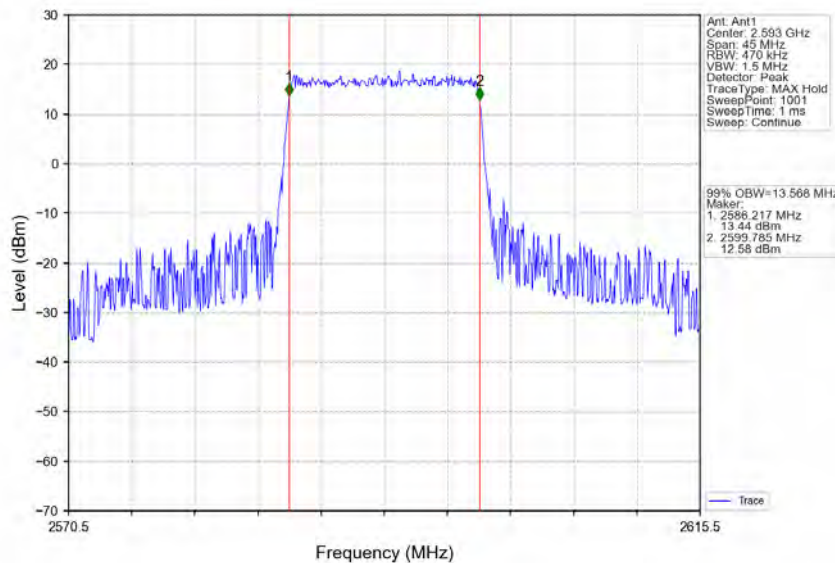
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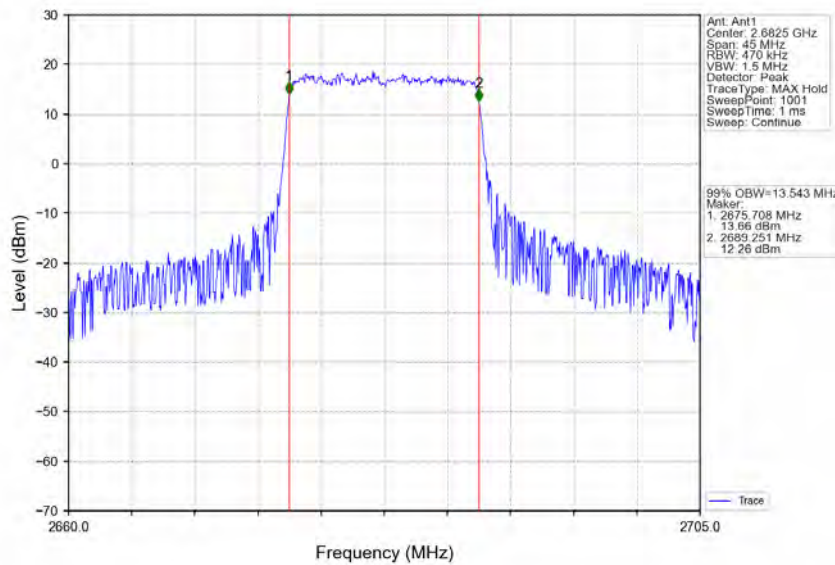
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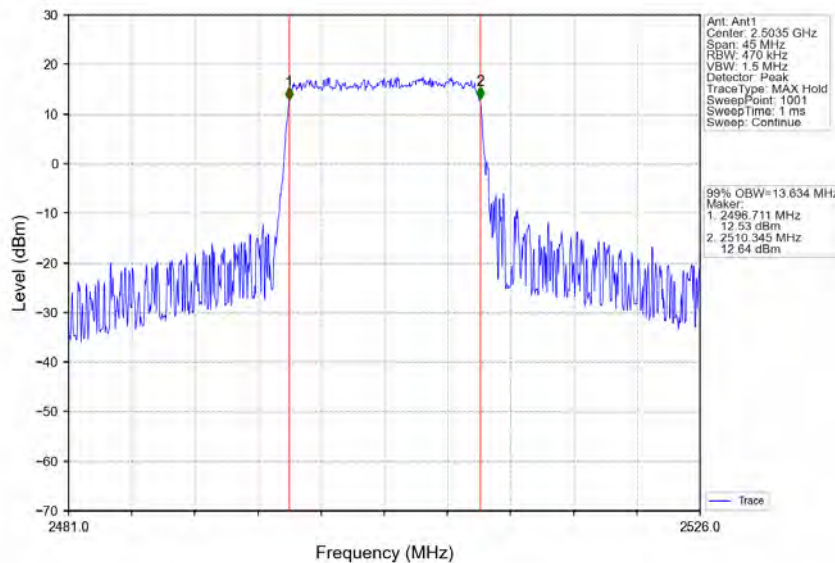
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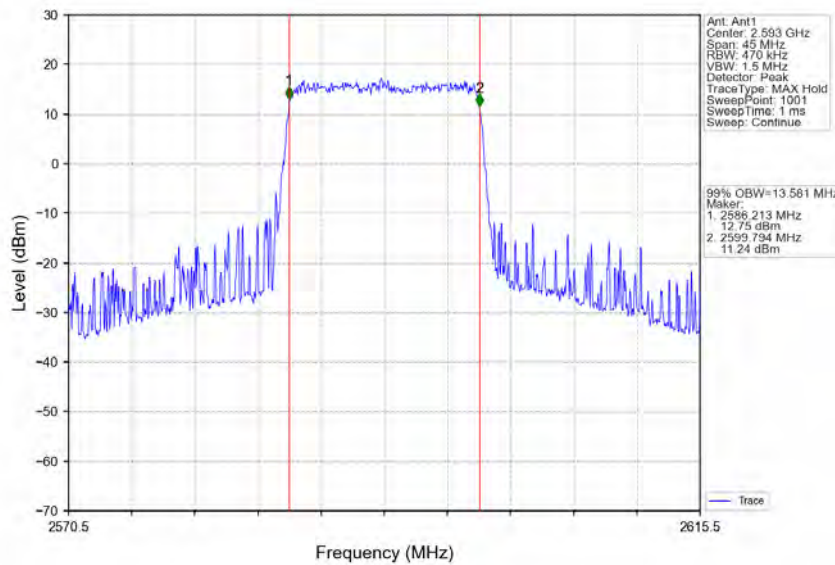
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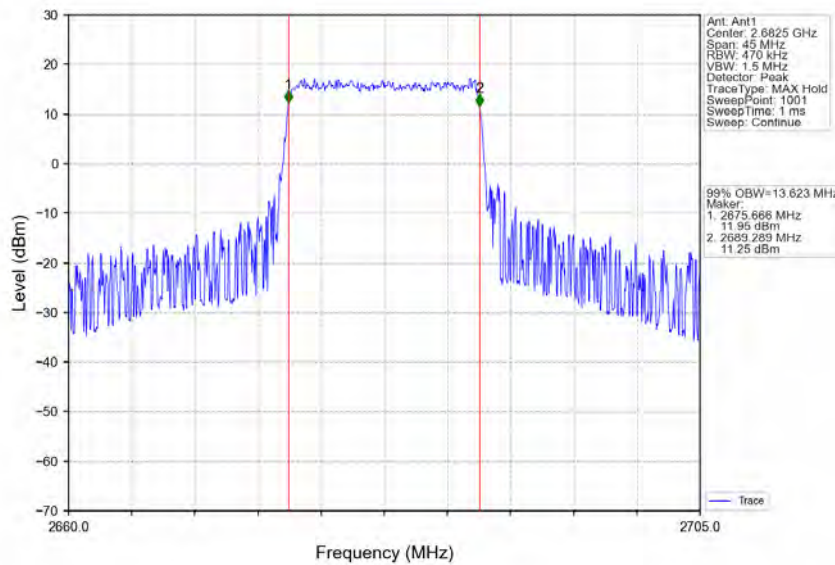
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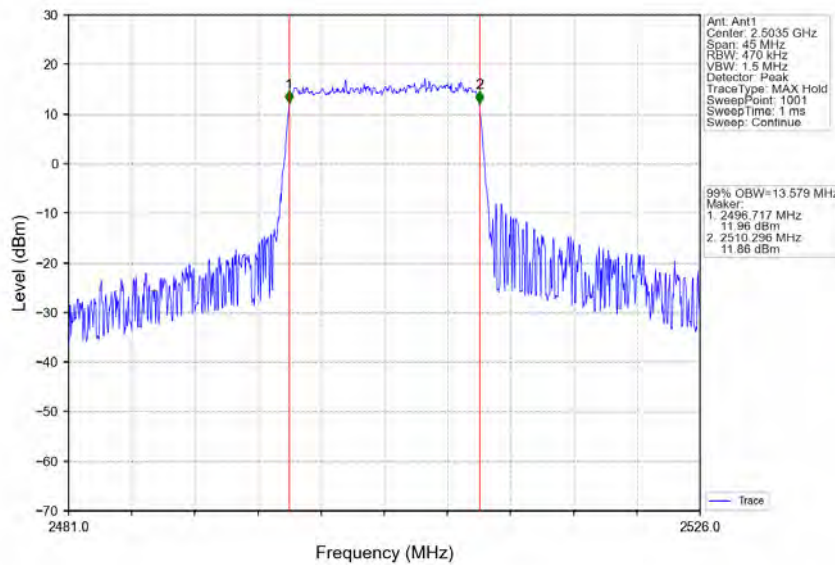
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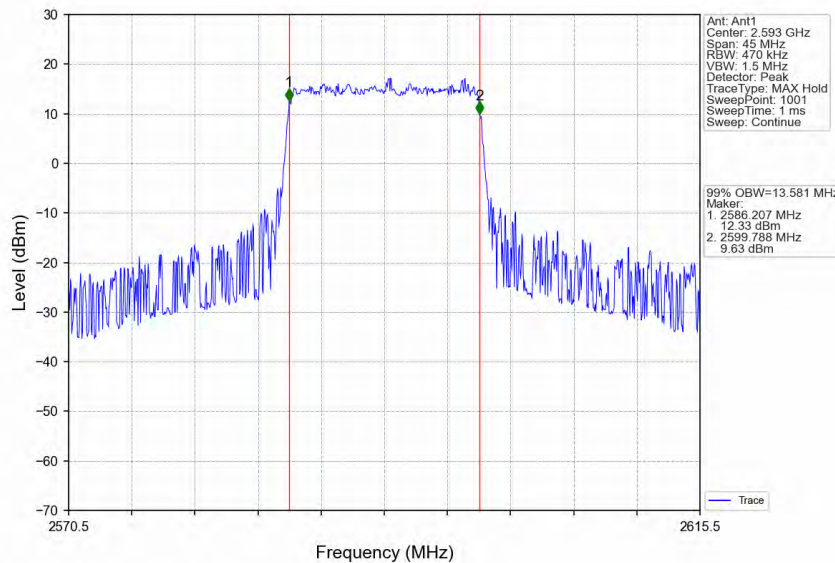
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Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



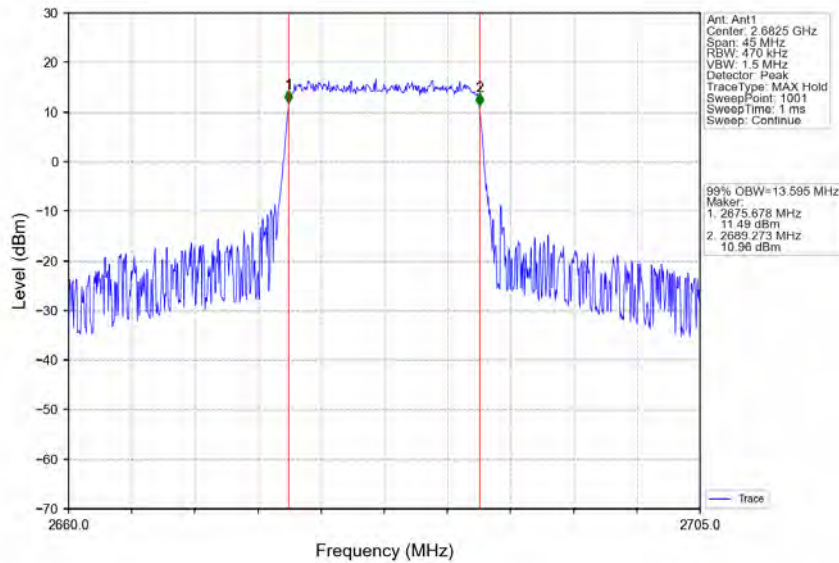
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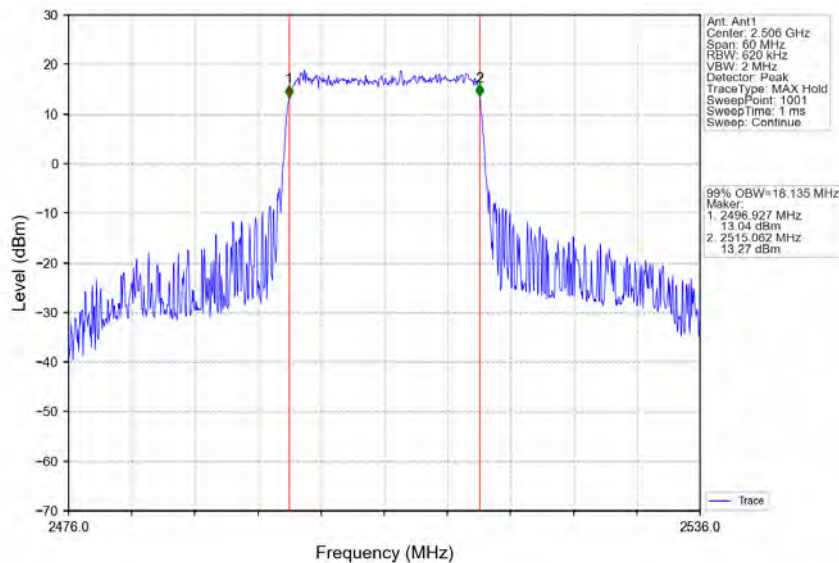
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Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



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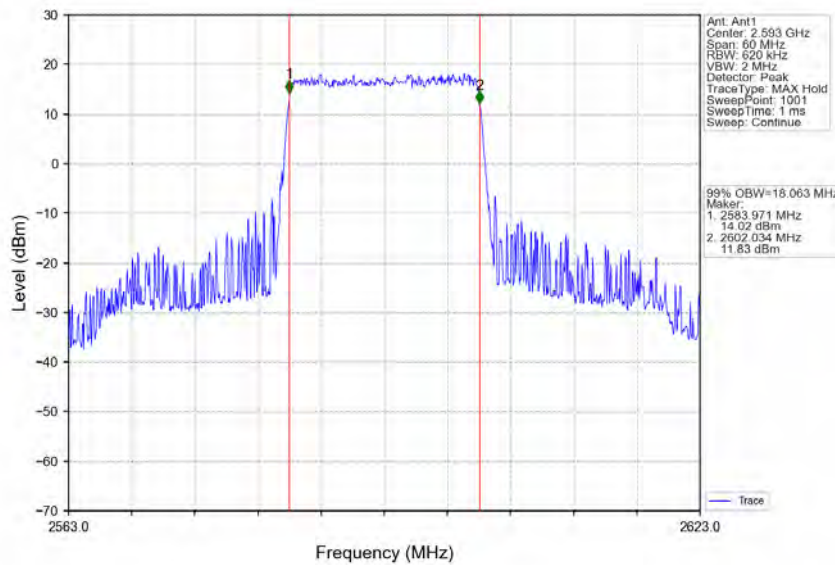
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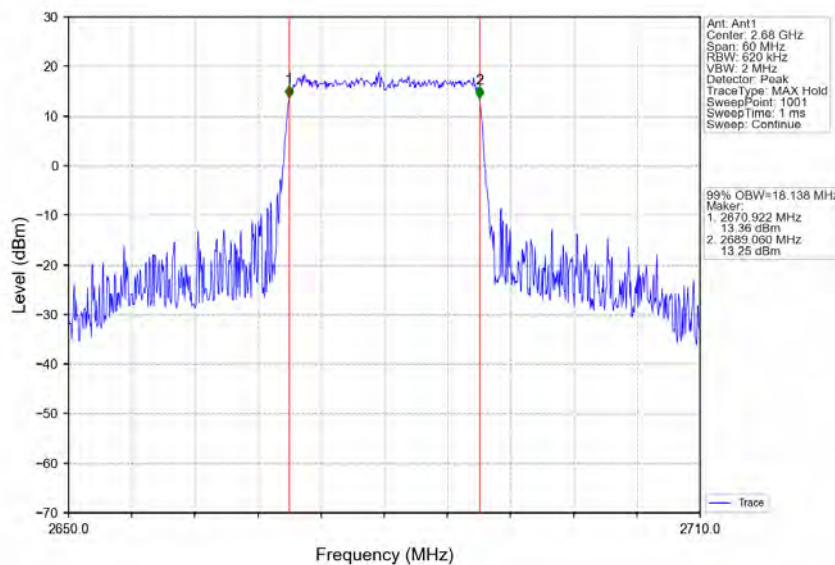
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Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



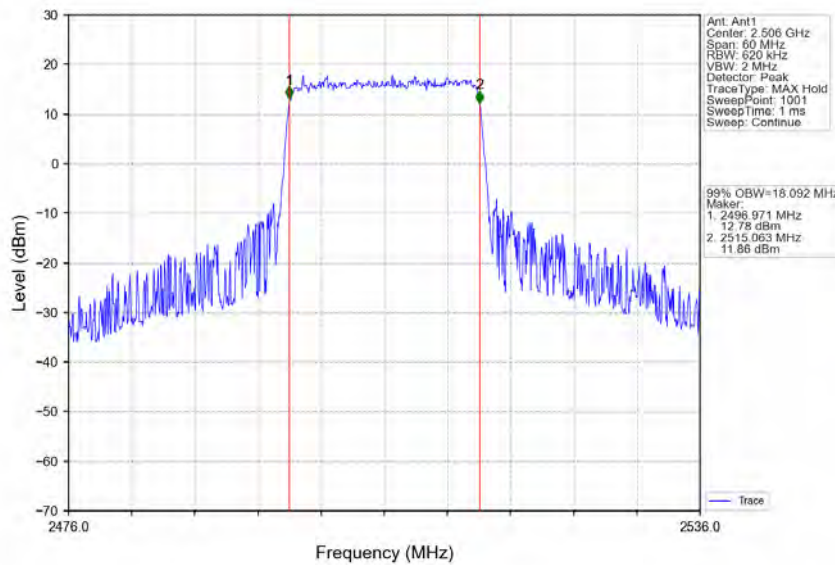
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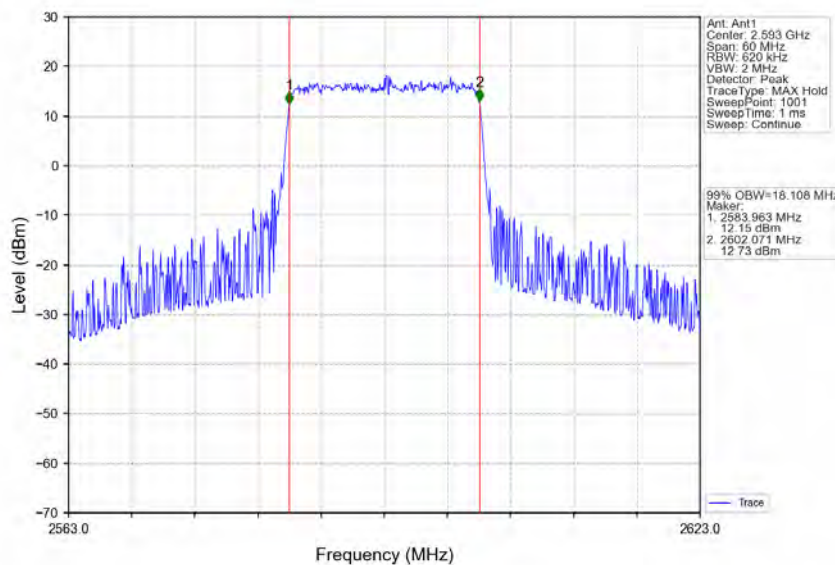
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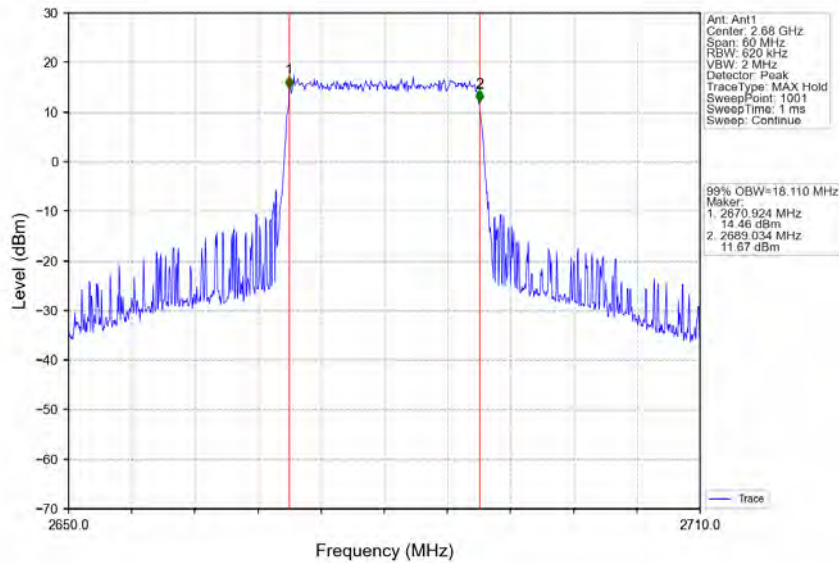
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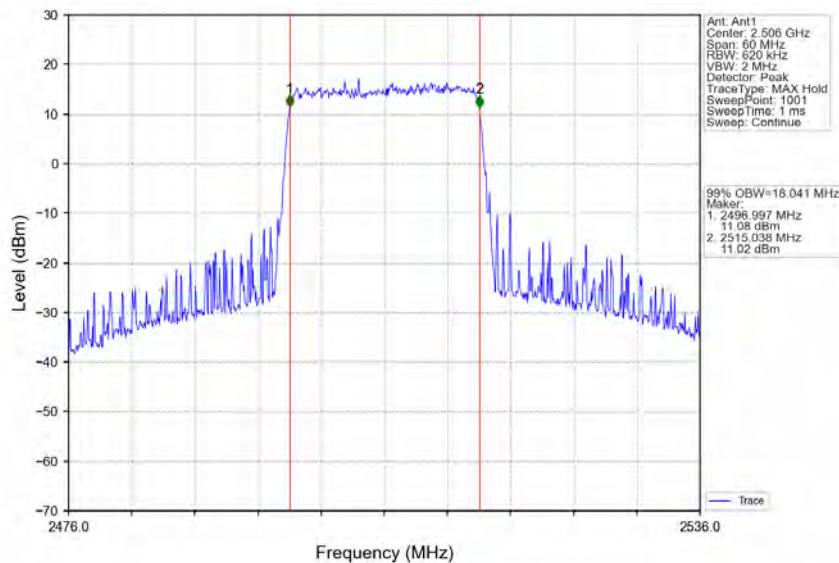
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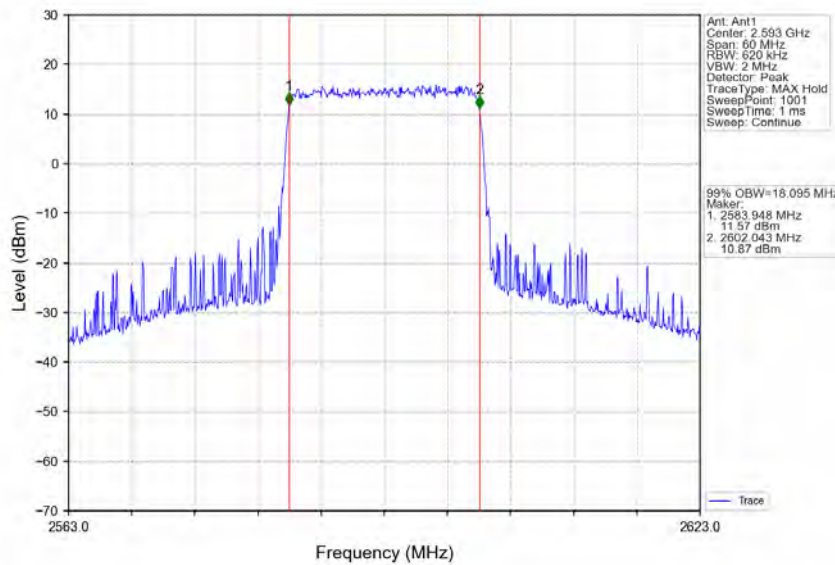
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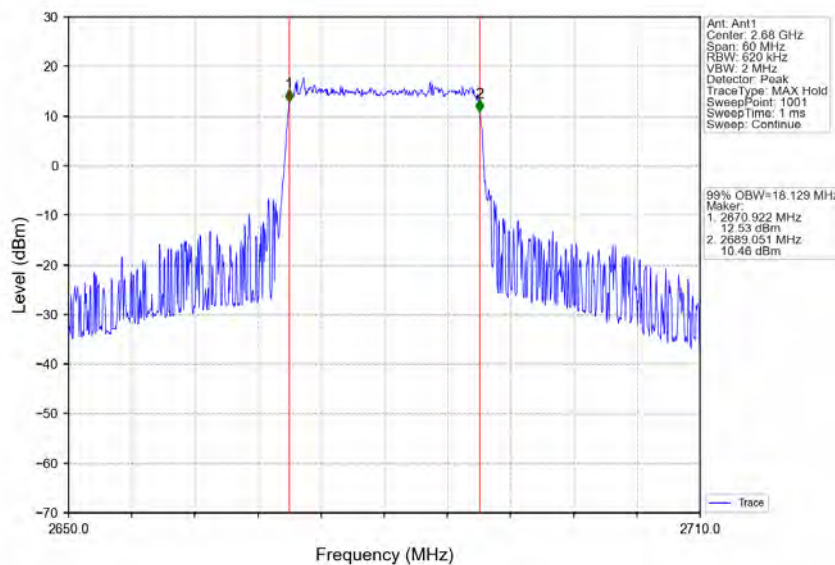
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4.2 Band41_XDB

4.2.1 Test Result

Band: 41 / NTV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.587	Pass
		2593	25	0	5.194	Pass
		2687.5	25	0	5.018	Pass
	16QAM	2498.5	25	0	5.030	Pass
		2593	25	0	5.021	Pass
		2687.5	25	0	5.097	Pass
	64QAM	2498.5	25	0	5.229	Pass
		2593	25	0	5.016	Pass
		2687.5	25	0	5.176	Pass
10	QPSK	2501	50	0	10.171	Pass
		2593	50	0	10.609	Pass
		2685	50	0	10.856	Pass
	16QAM	2501	50	0	10.226	Pass
		2593	50	0	10.454	Pass
		2685	50	0	11.003	Pass
	64QAM	2501	50	0	11.555	Pass
		2593	50	0	10.104	Pass
		2685	50	0	10.564	Pass
15	QPSK	2503.5	75	0	16.028	Pass
		2593	75	0	15.995	Pass
		2682.5	75	0	15.685	Pass
	16QAM	2503.5	75	0	15.993	Pass
		2593	75	0	15.209	Pass
		2682.5	75	0	16.866	Pass
	64QAM	2503.5	75	0	15.834	Pass
		2593	75	0	15.310	Pass
		2682.5	75	0	16.133	Pass
20	QPSK	2506	100	0	20.186	Pass
		2593	100	0	21.279	Pass
		2680	100	0	20.103	Pass
	16QAM	2506	100	0	21.219	Pass
		2593	100	0	20.788	Pass
		2680	100	0	20.416	Pass
	64QAM	2506	100	0	19.777	Pass
		2593	100	0	19.987	Pass
		2680	100	0	21.690	Pass



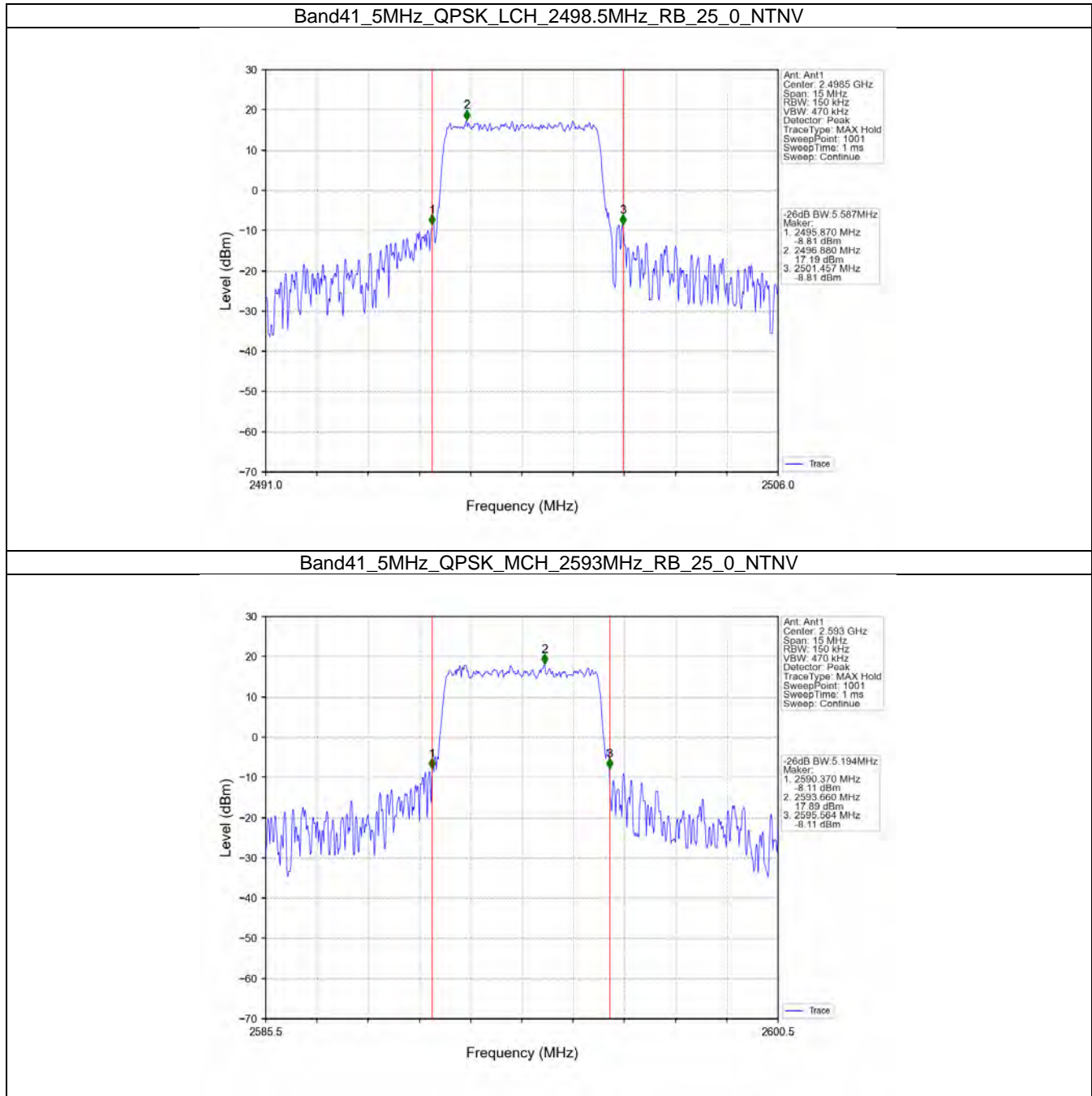
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4.2.2 Test Graph



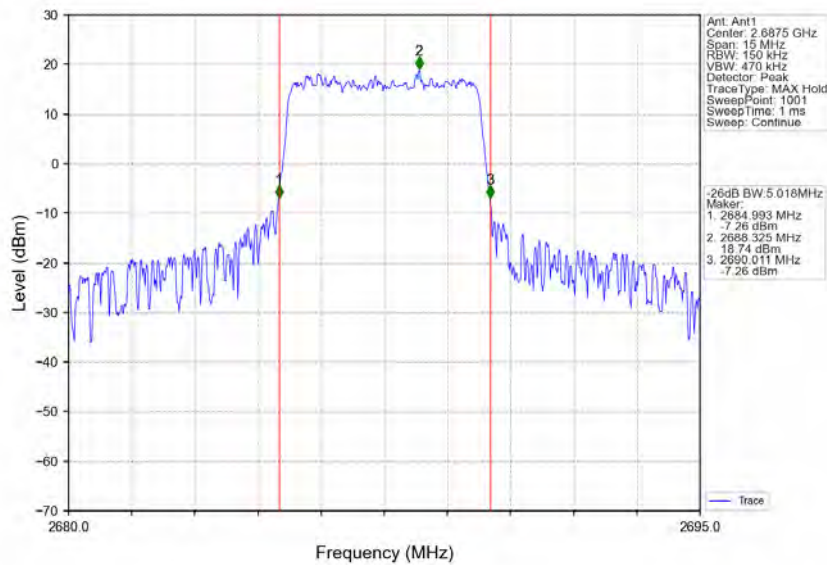
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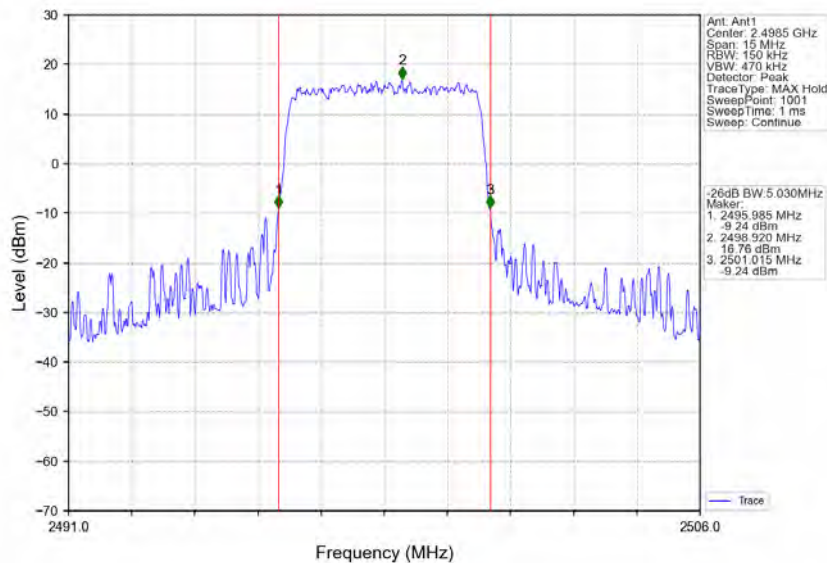
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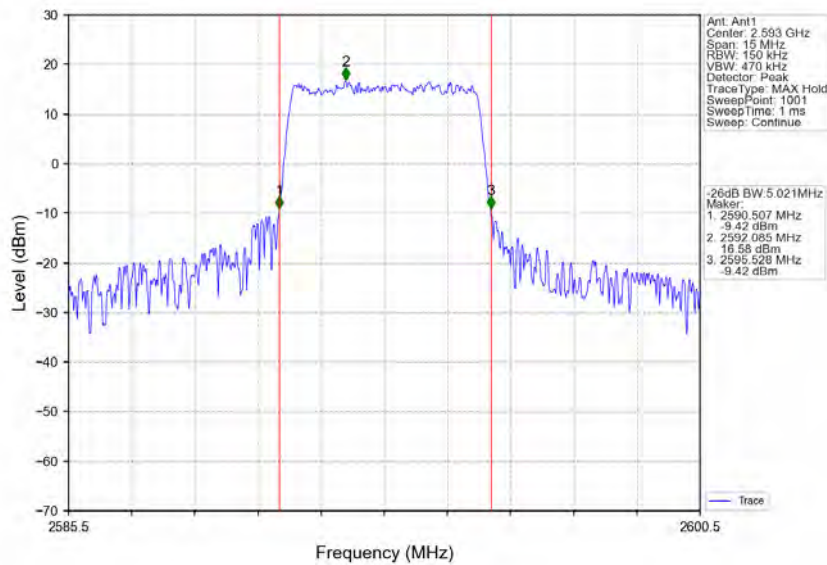
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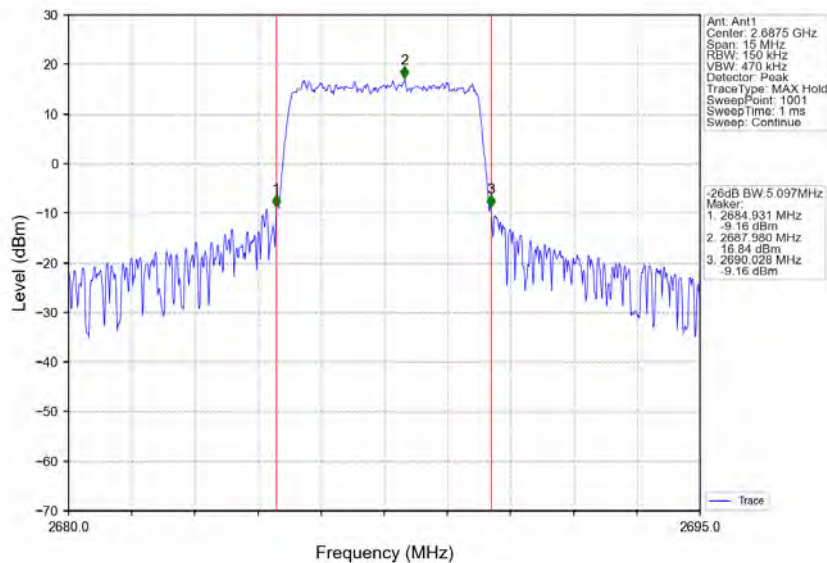
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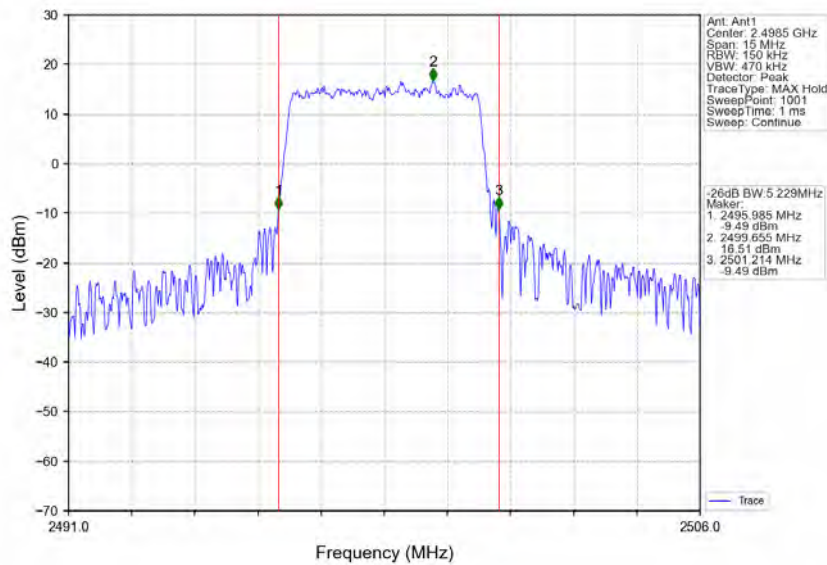
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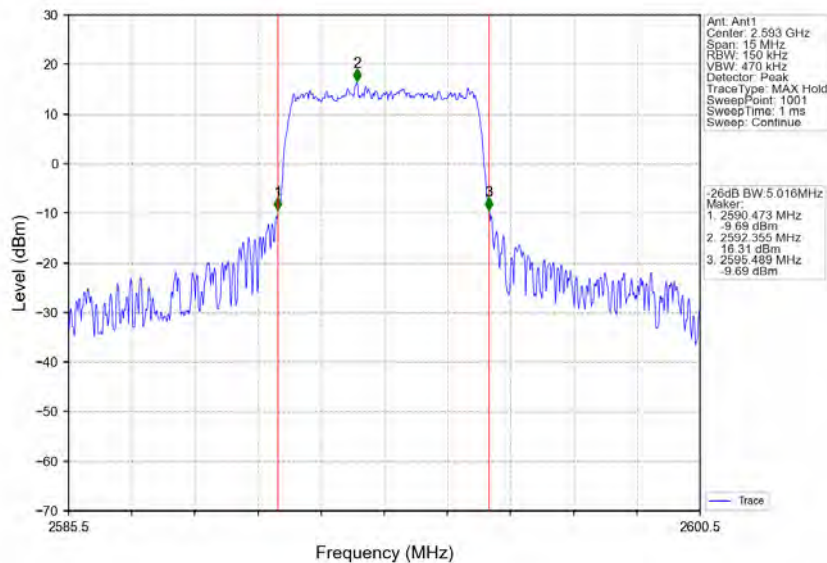
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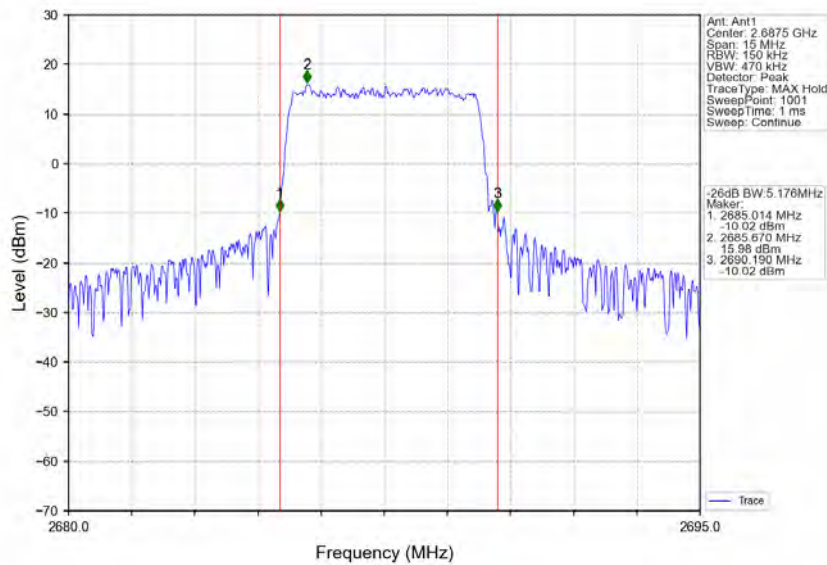
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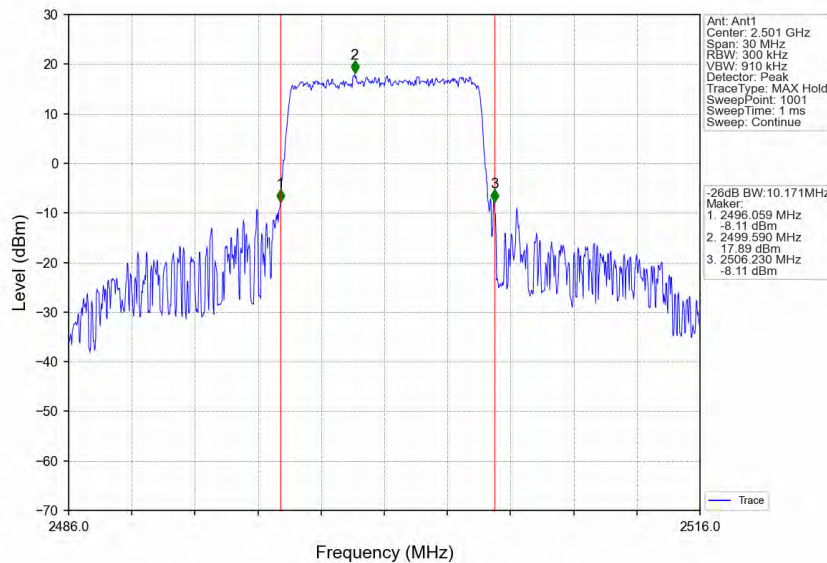
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Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



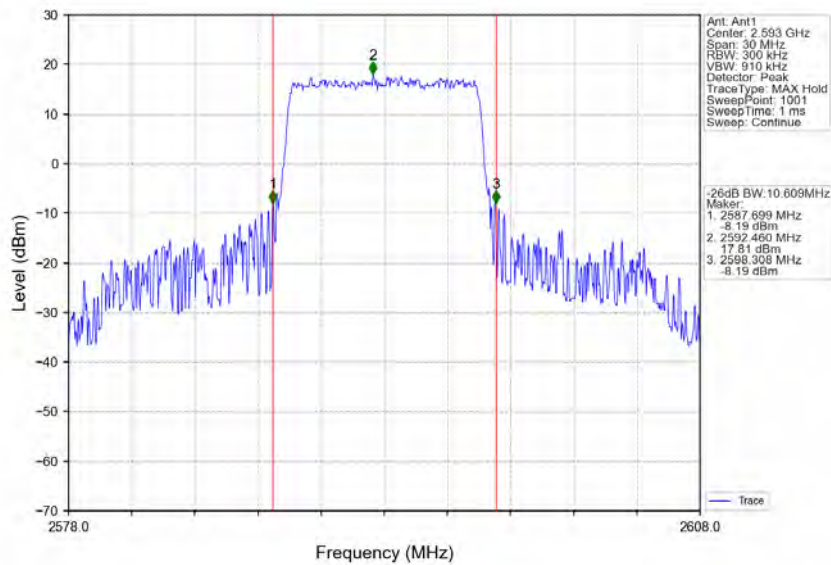
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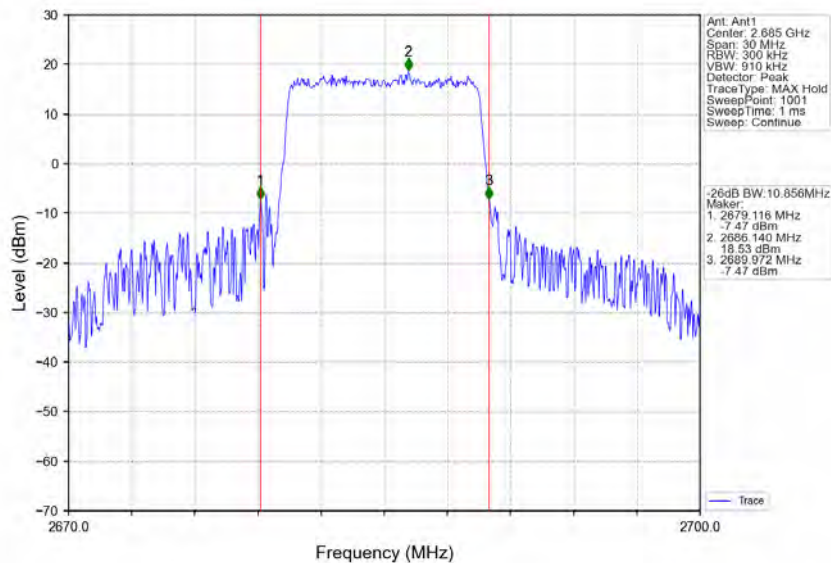
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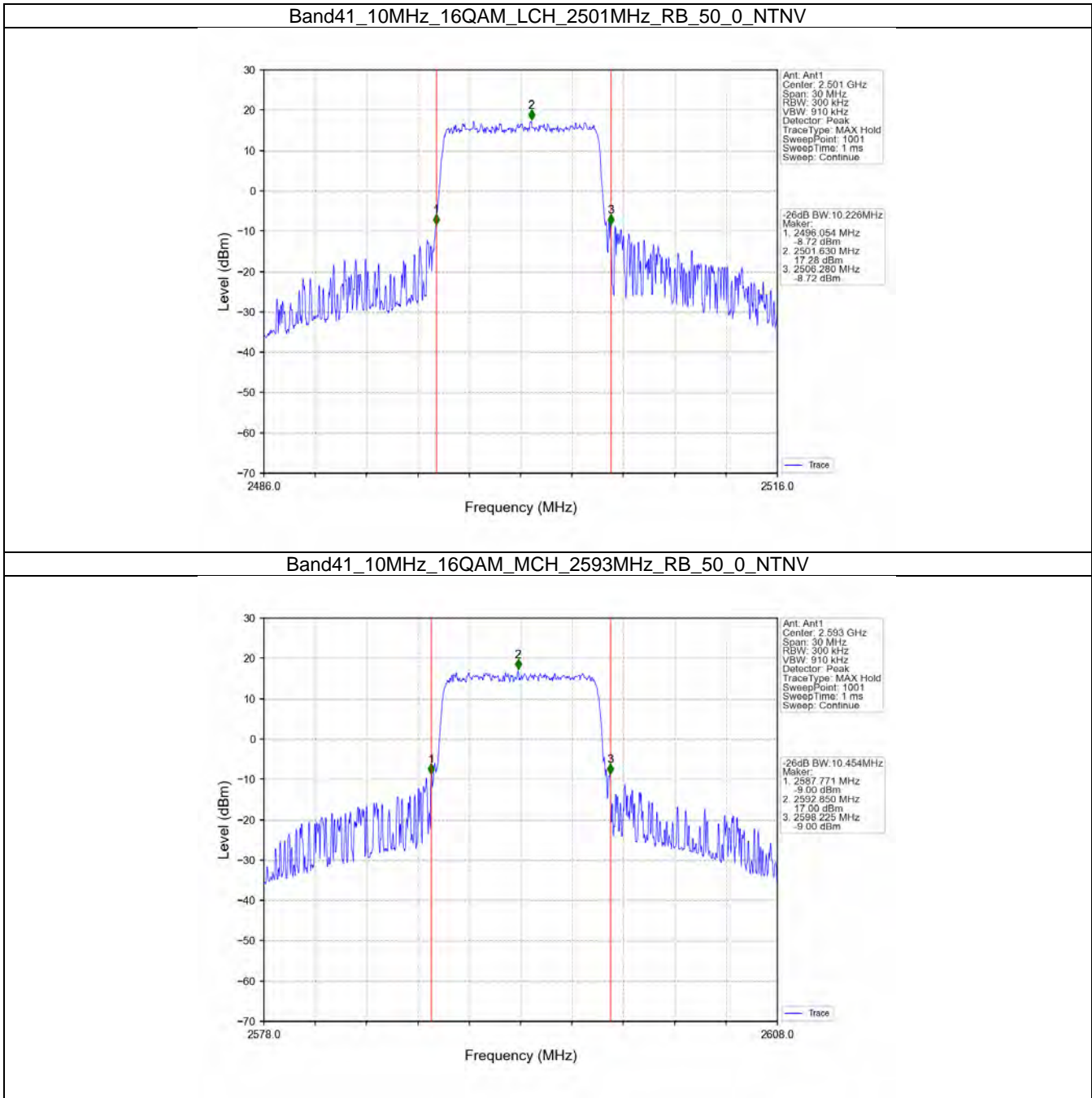


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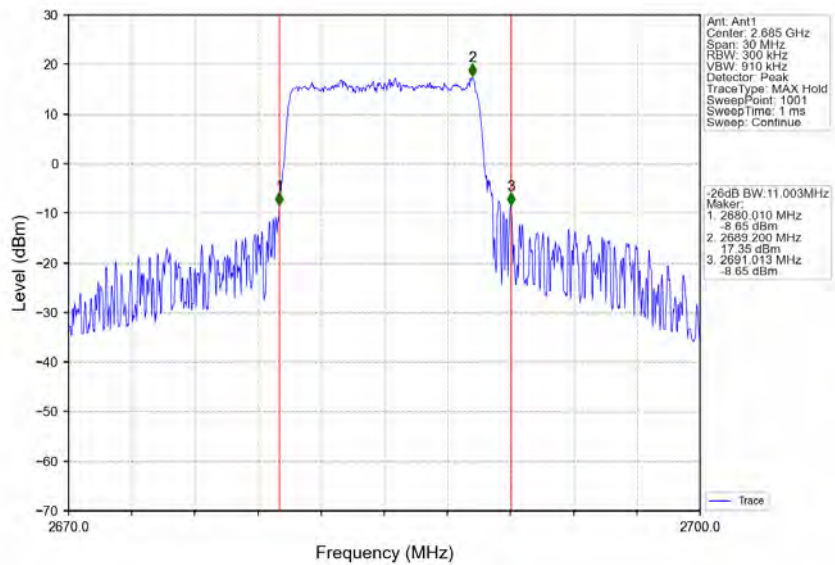
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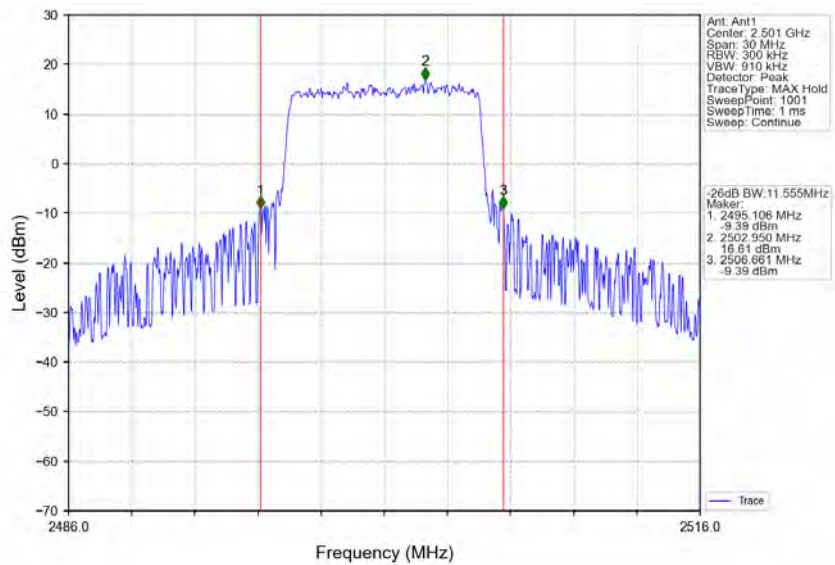
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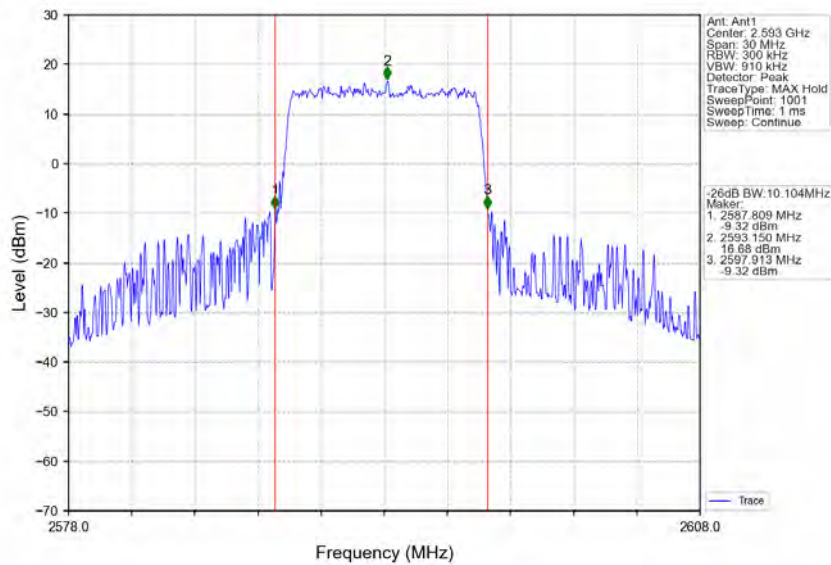
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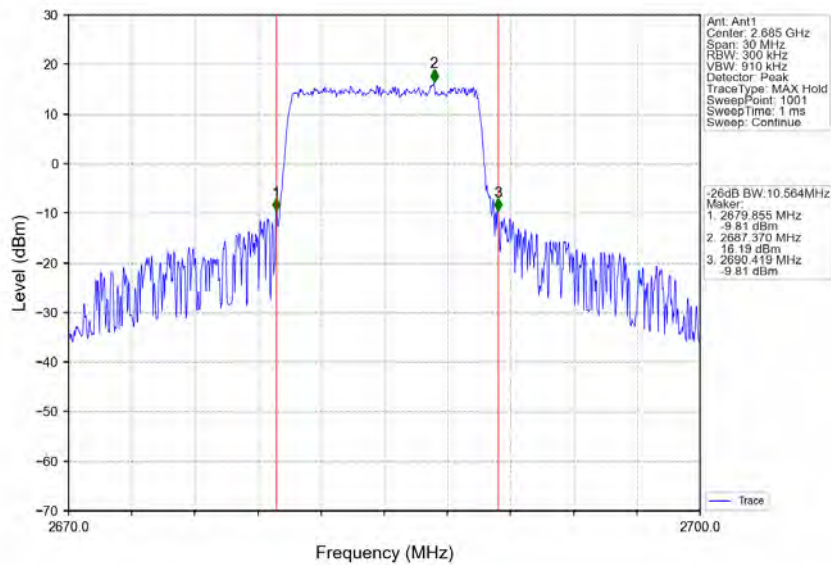
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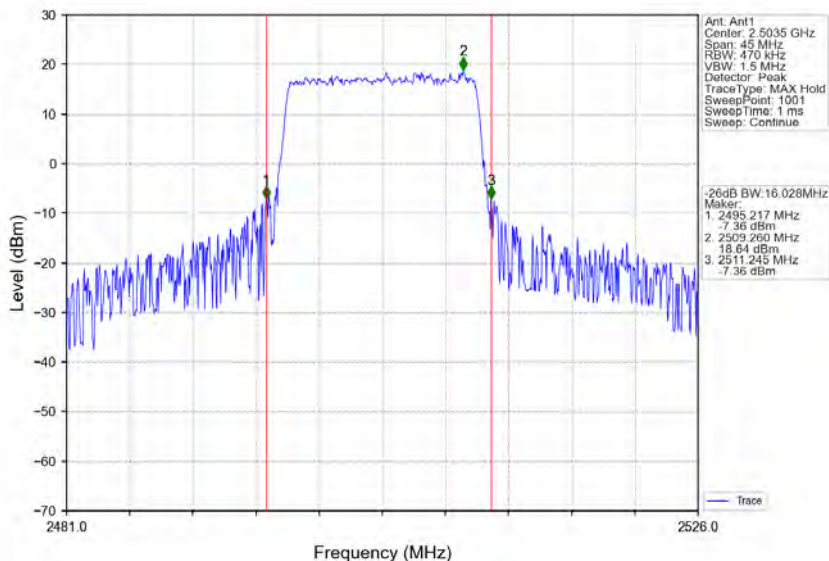
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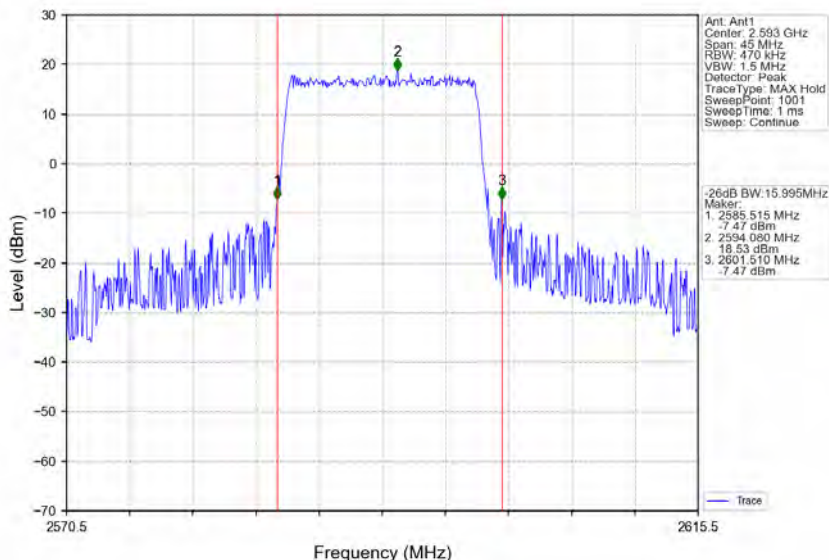
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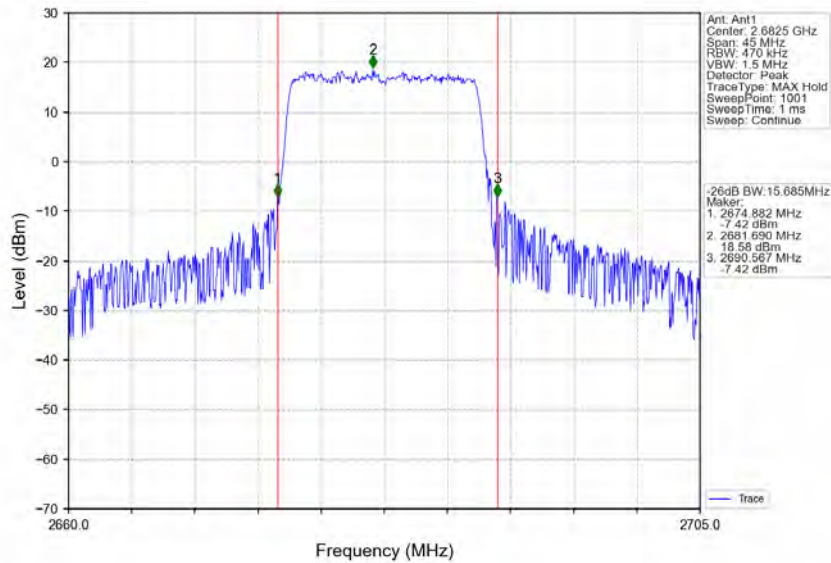
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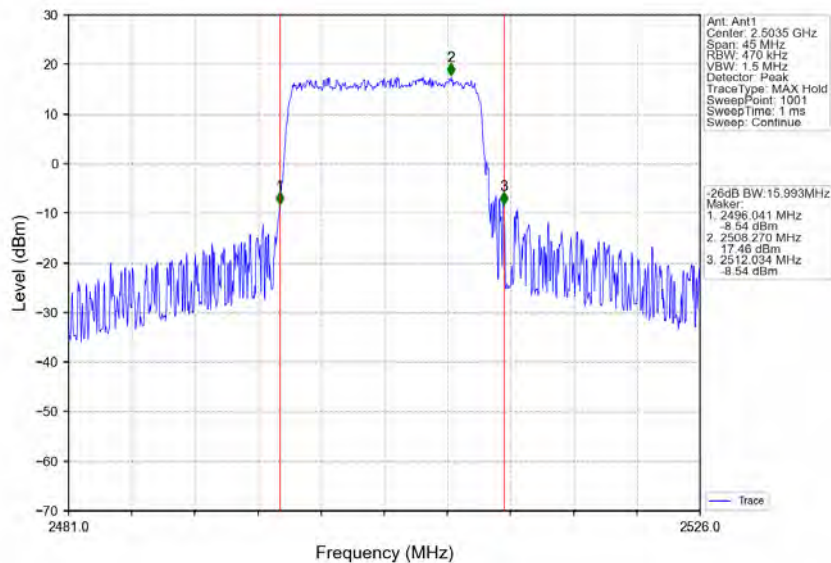
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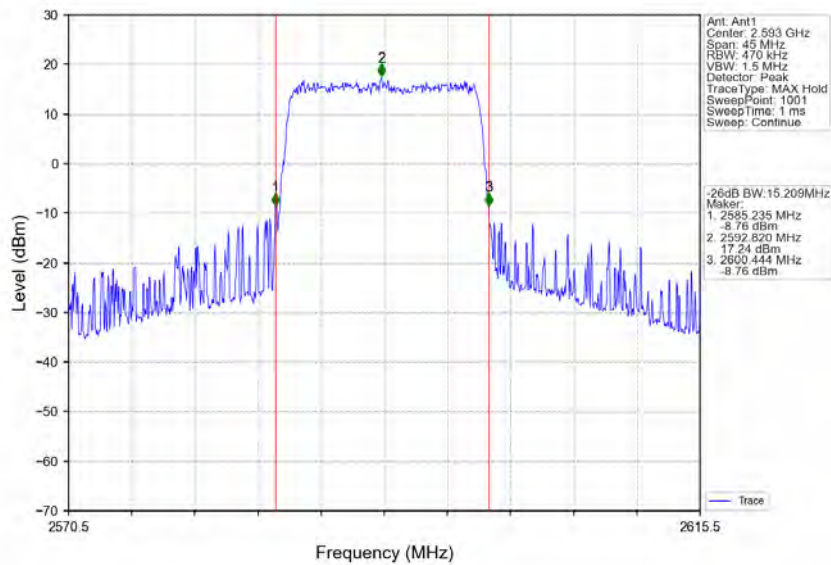
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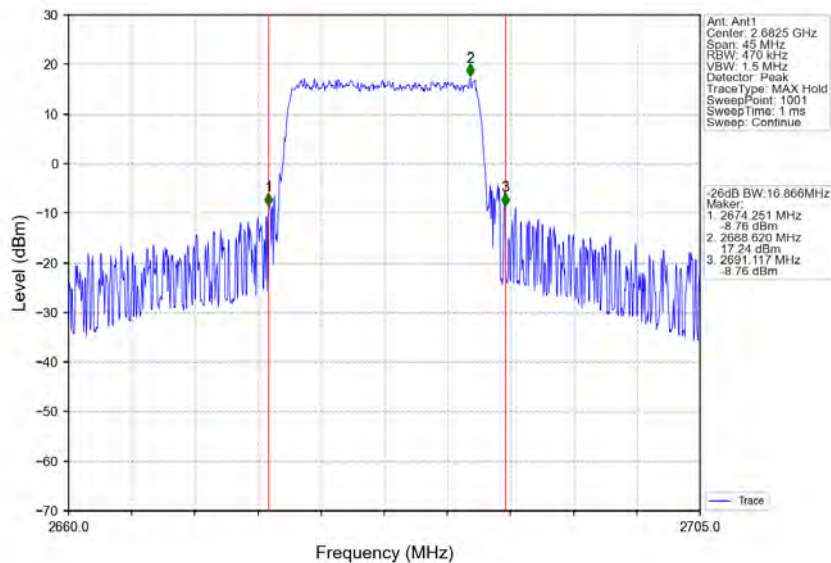
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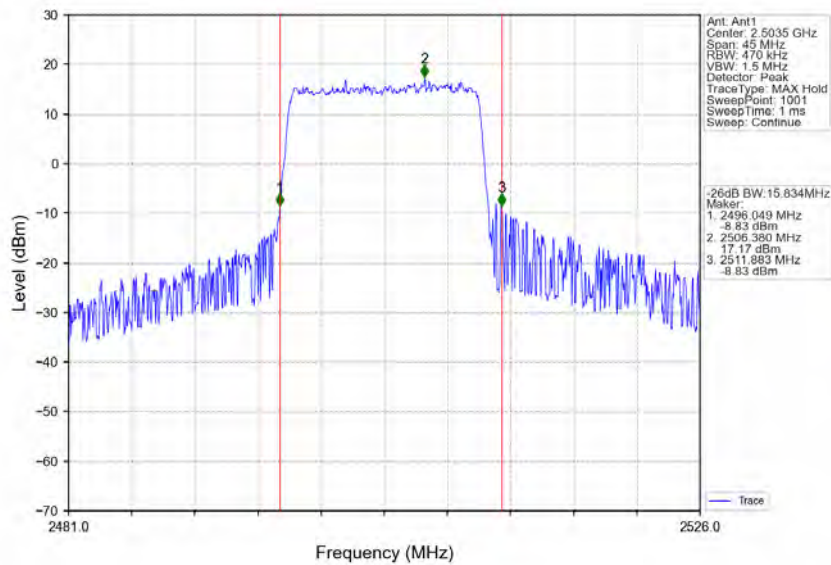
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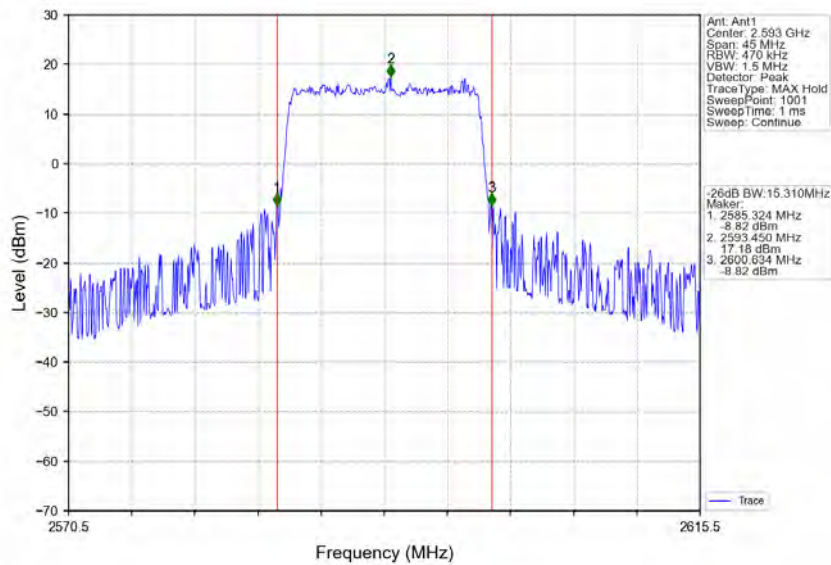
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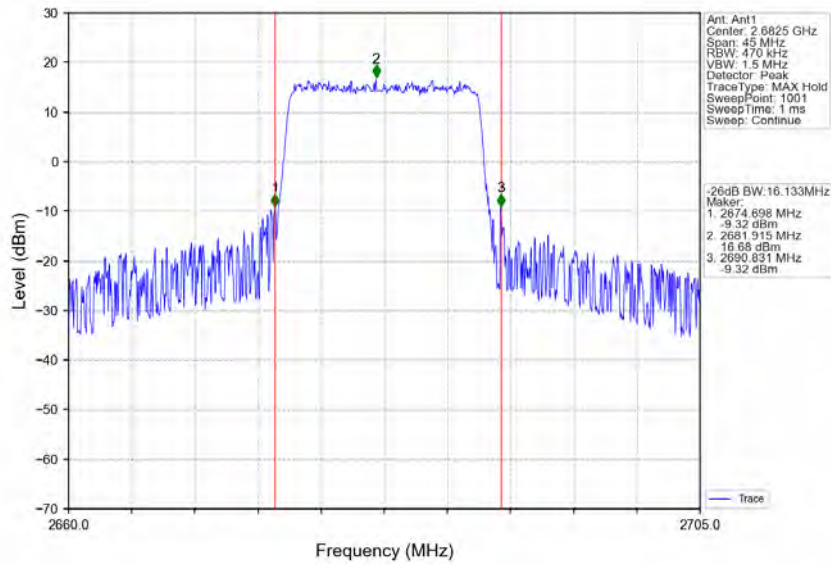
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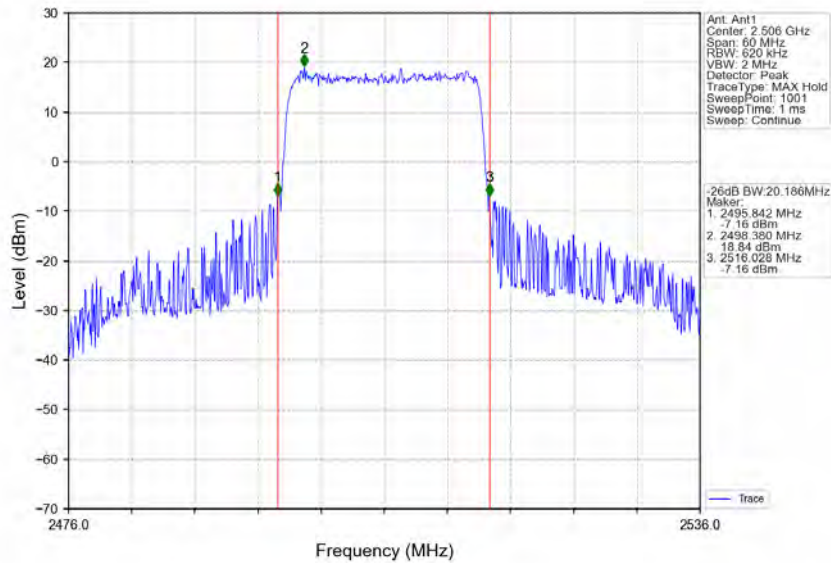
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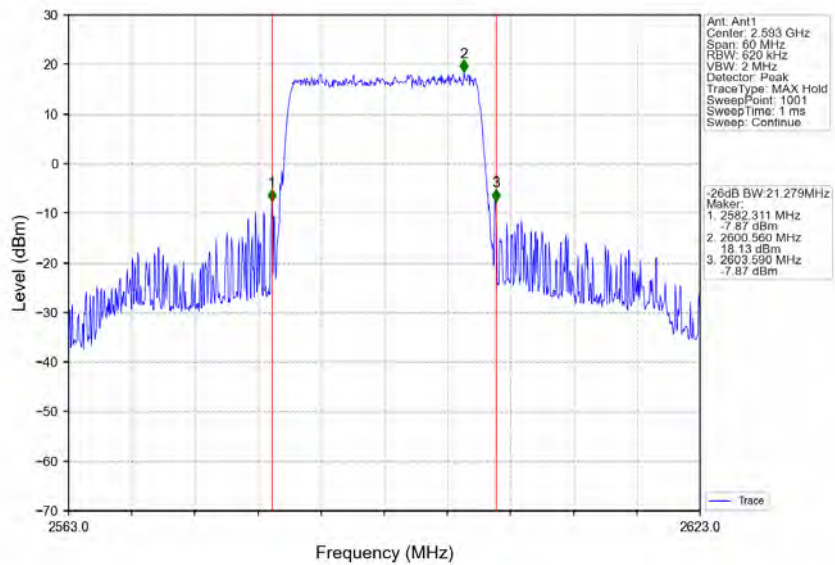
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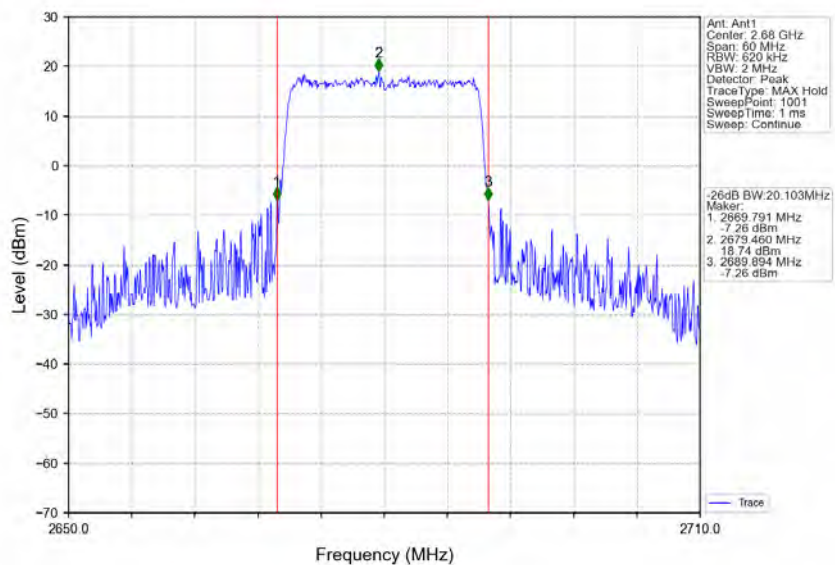
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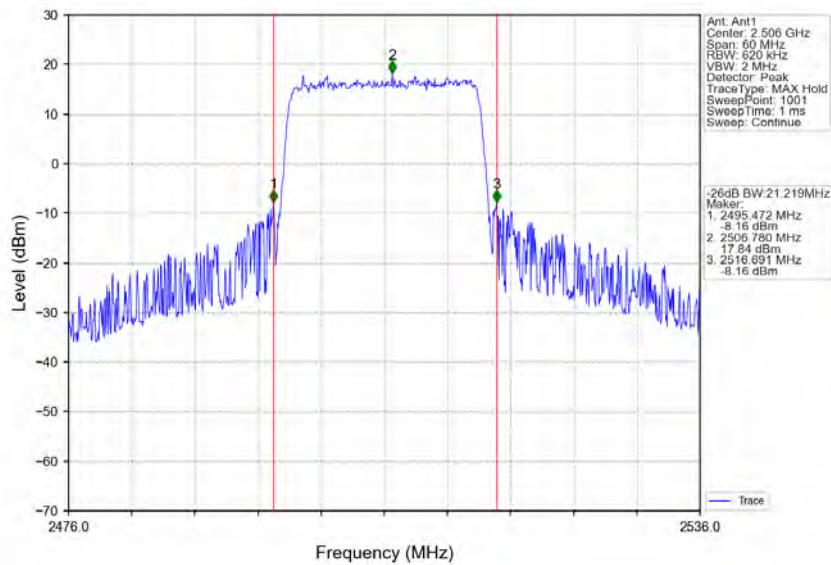
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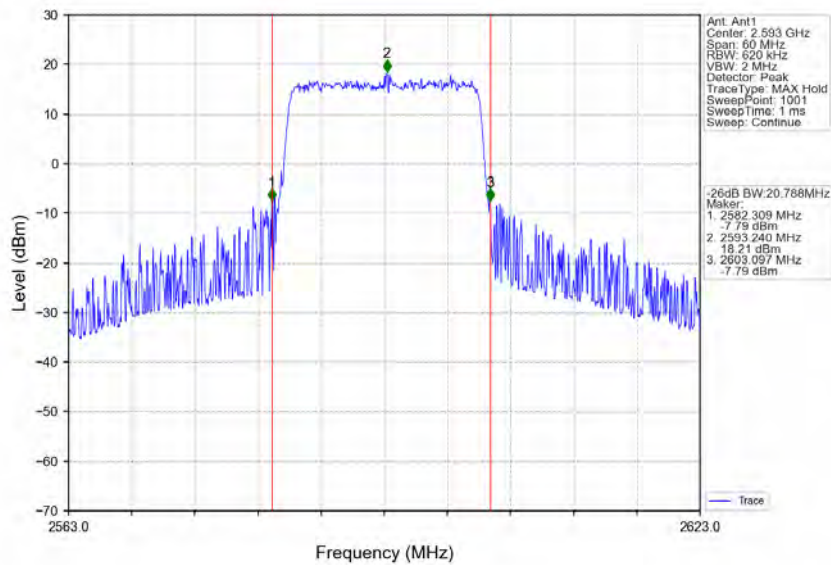
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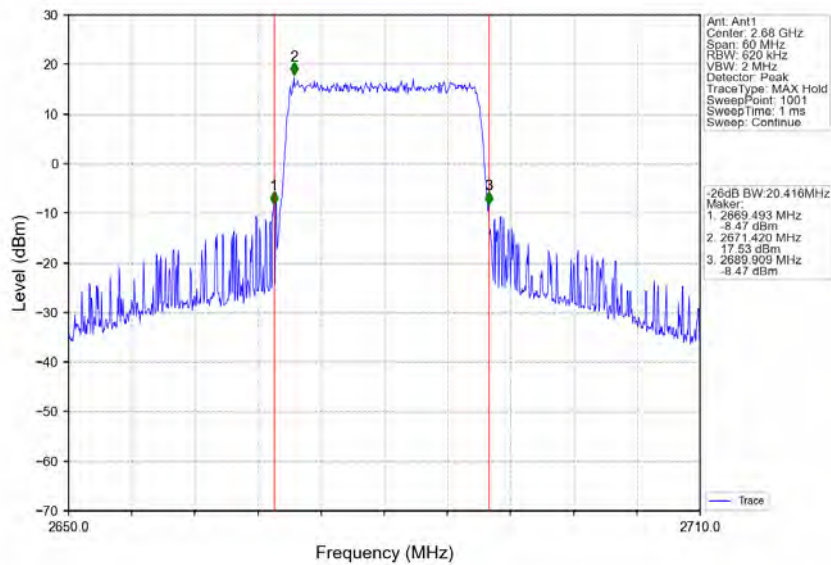
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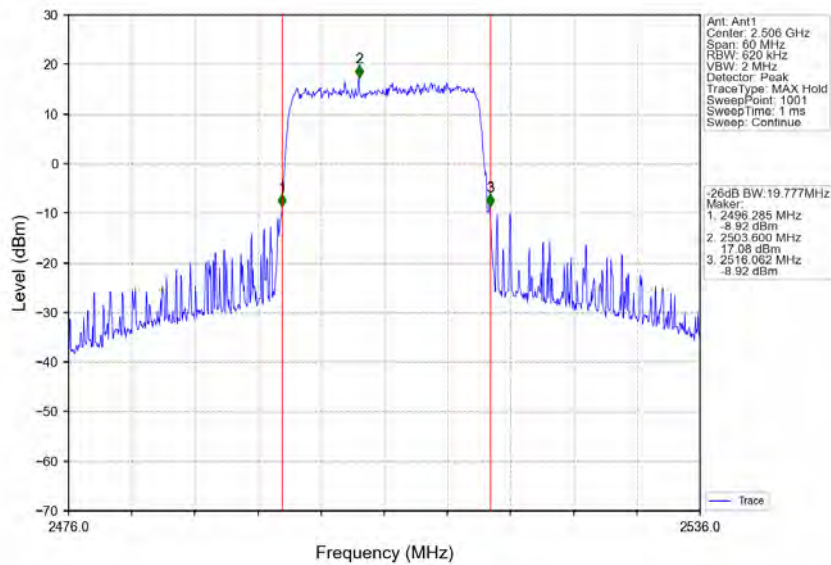
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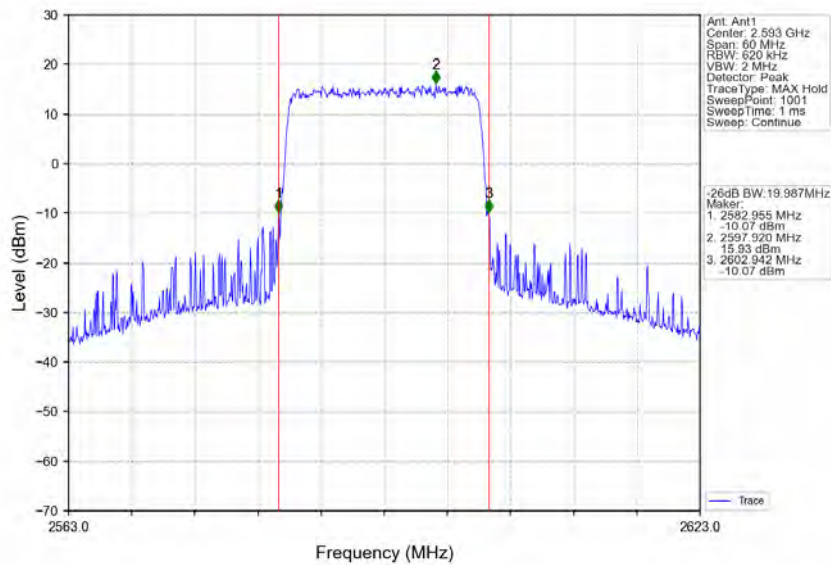
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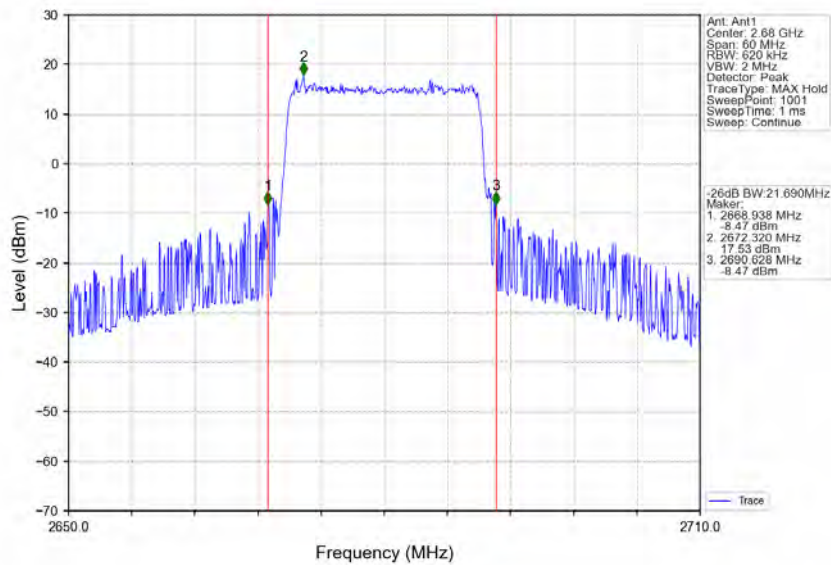
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Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



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5. Peak-Average Ratio

5.1 B41_5MHz

5.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.68	<=13	Pass
	2593	25	0	7.67	<=13	Pass
	2687.5	25	0	7.65	<=13	Pass
16QAM	2498.5	25	0	8.31	<=13	Pass
	2593	25	0	8.24	<=13	Pass
	2687.5	25	0	8.24	<=13	Pass
64QAM	2498.5	25	0	8.53	<=13	Pass
	2593	25	0	8.49	<=13	Pass
	2687.5	25	0	8.43	<=13	Pass



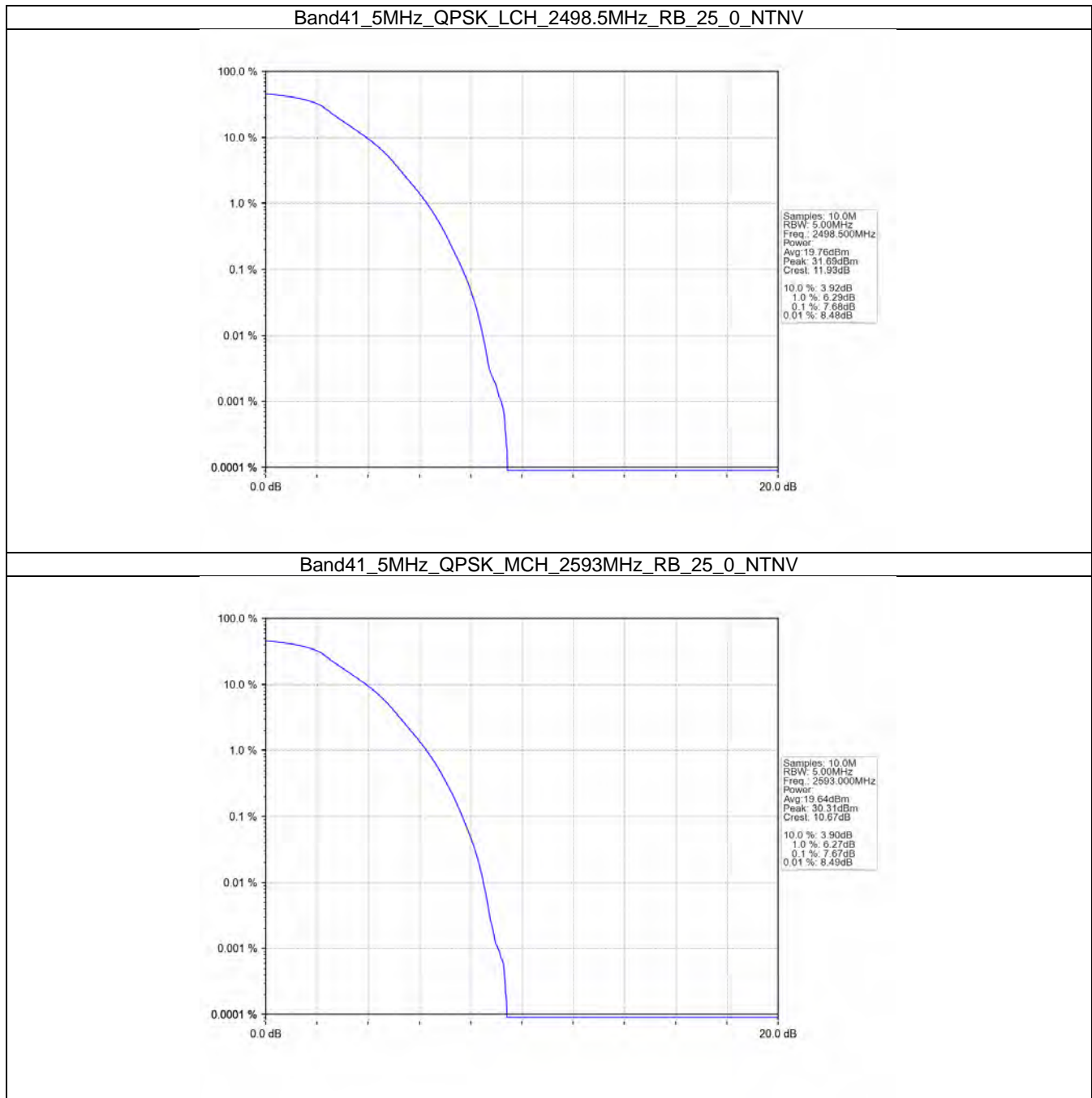
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5.1.2 Test Graph



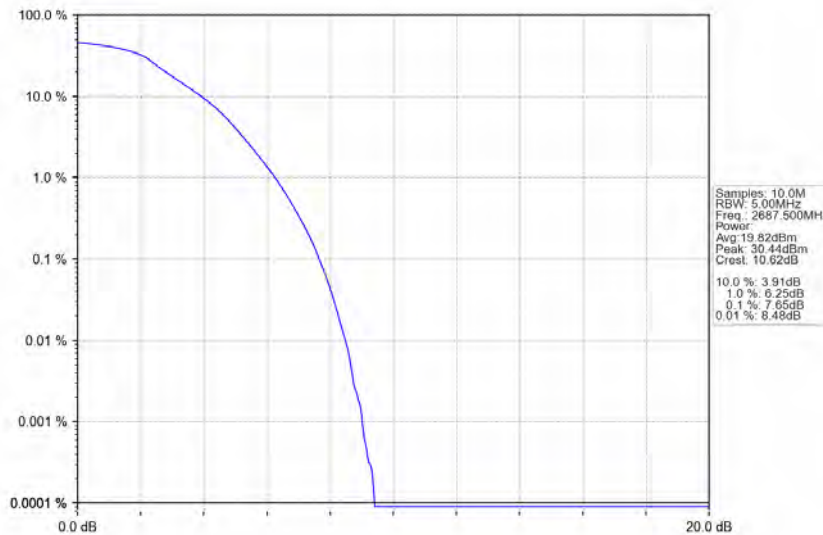
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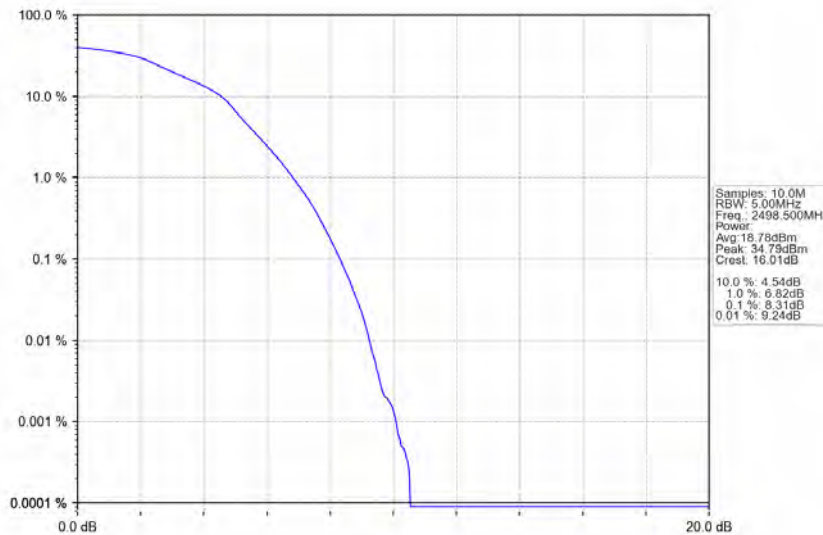
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



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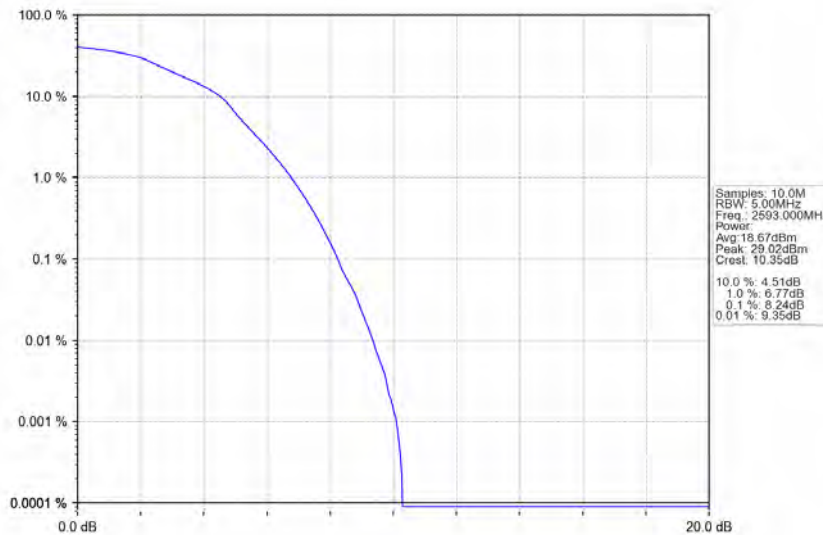
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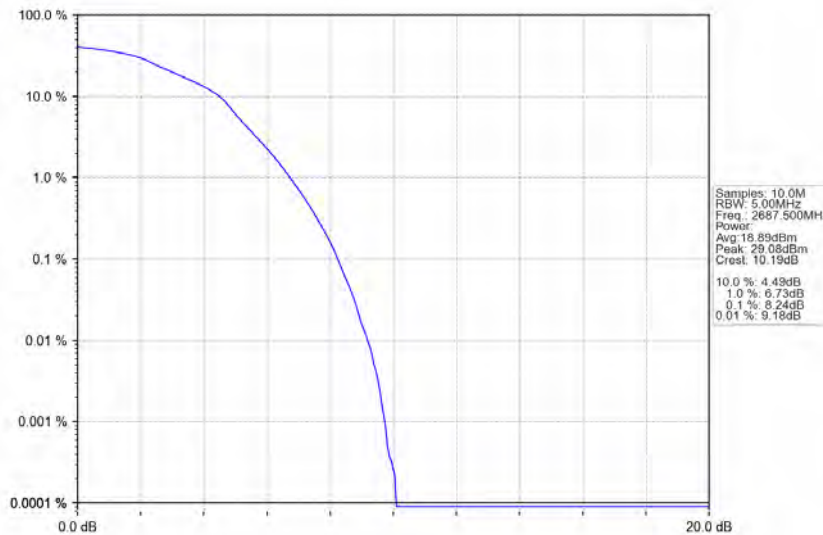
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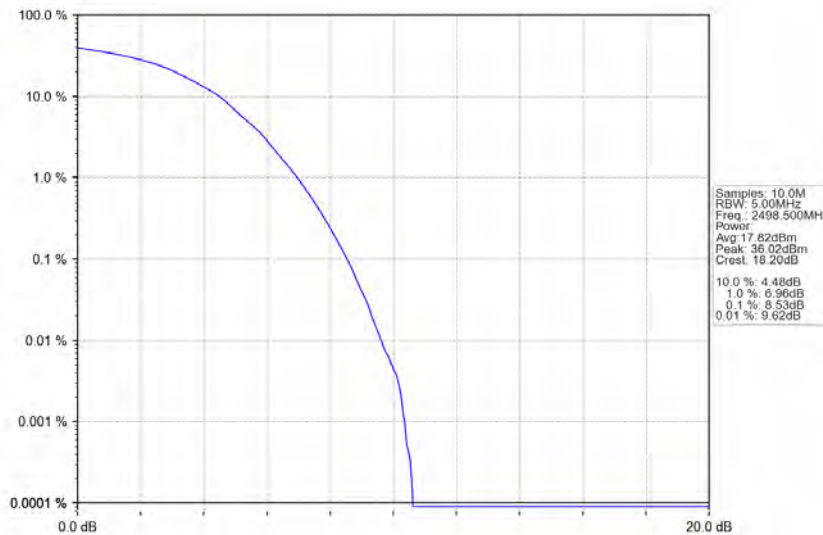
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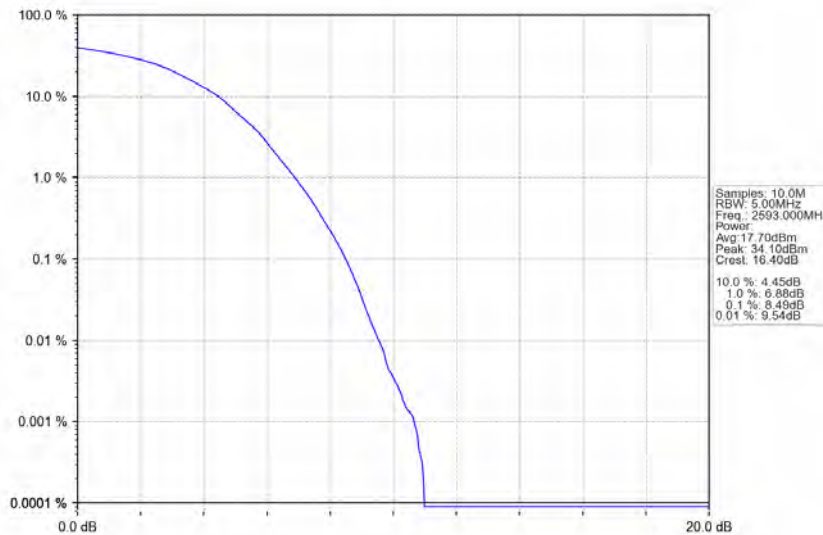
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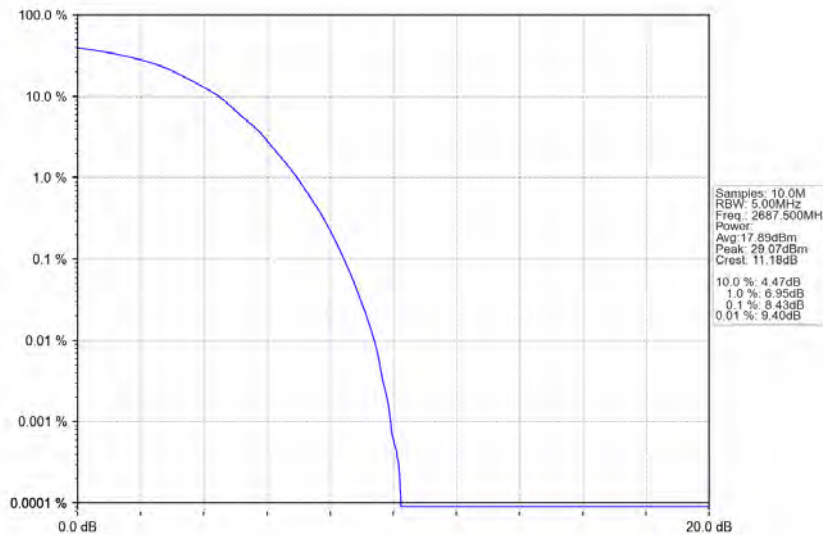
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5.2 B41_10MHz

5.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.47	<=13	Pass
	2593	50	0	7.54	<=13	Pass
	2685	50	0	7.35	<=13	Pass
16QAM	2501	50	0	8.38	<=13	Pass
	2593	50	0	8.47	<=13	Pass
	2685	50	0	8.50	<=13	Pass
64QAM	2501	50	0	8.68	<=13	Pass
	2593	50	0	8.68	<=13	Pass
	2685	50	0	8.71	<=13	Pass



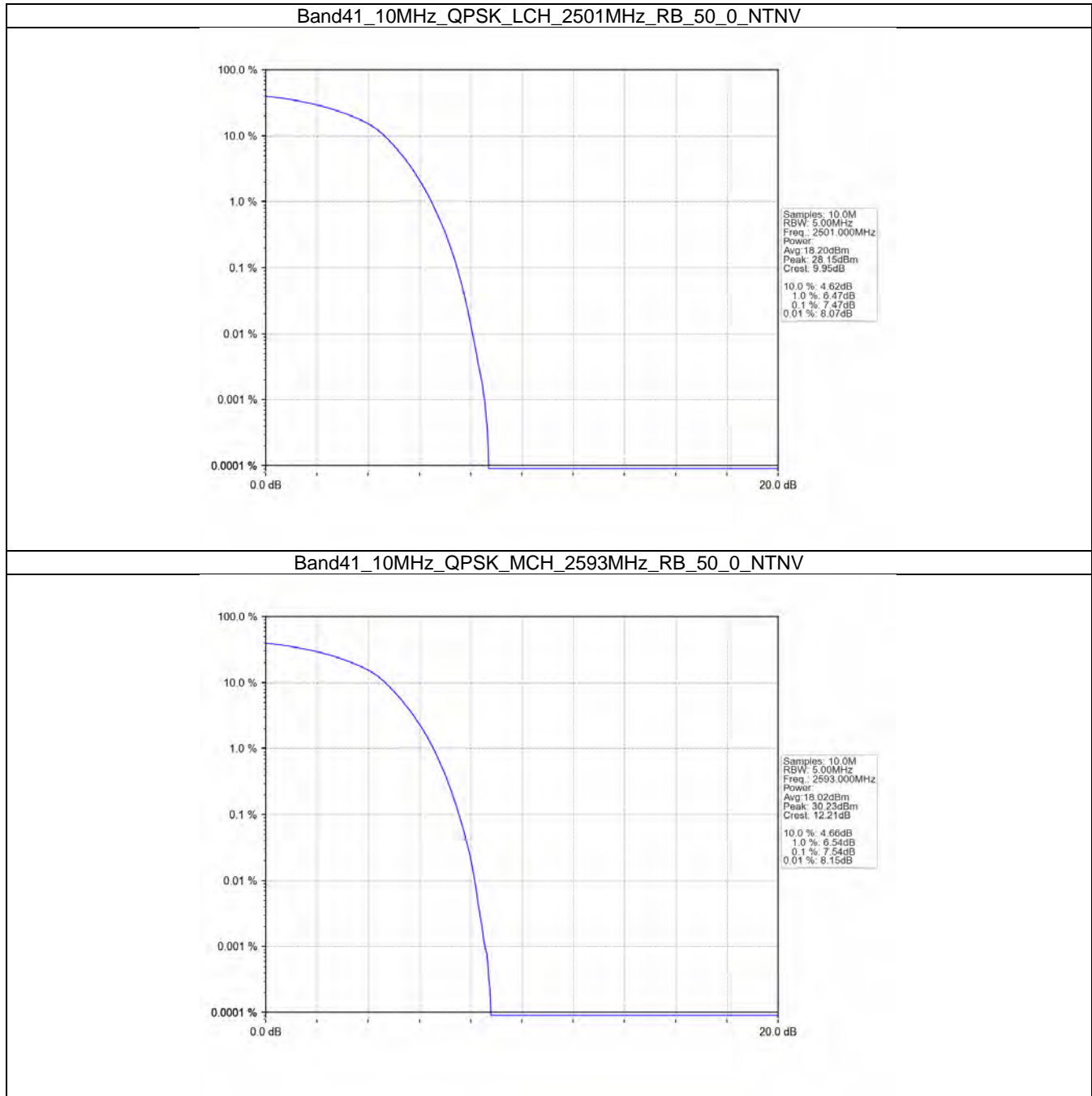
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5.2.2 Test Graph



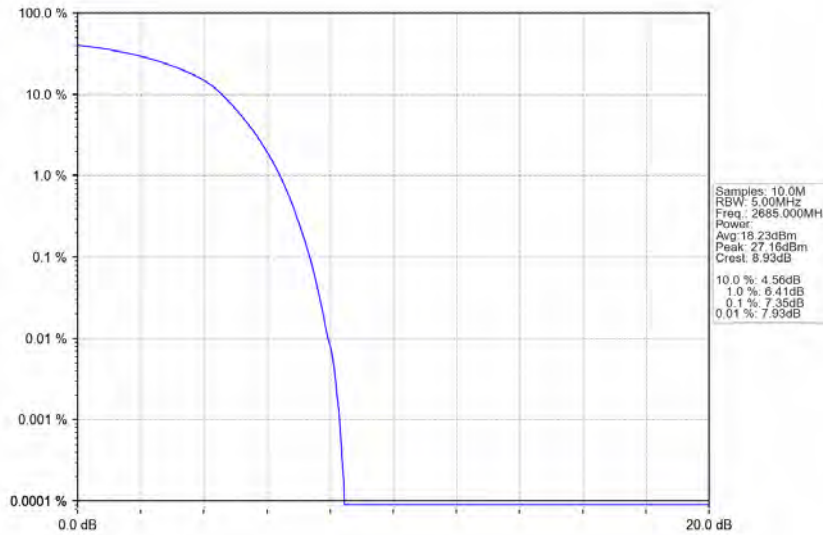
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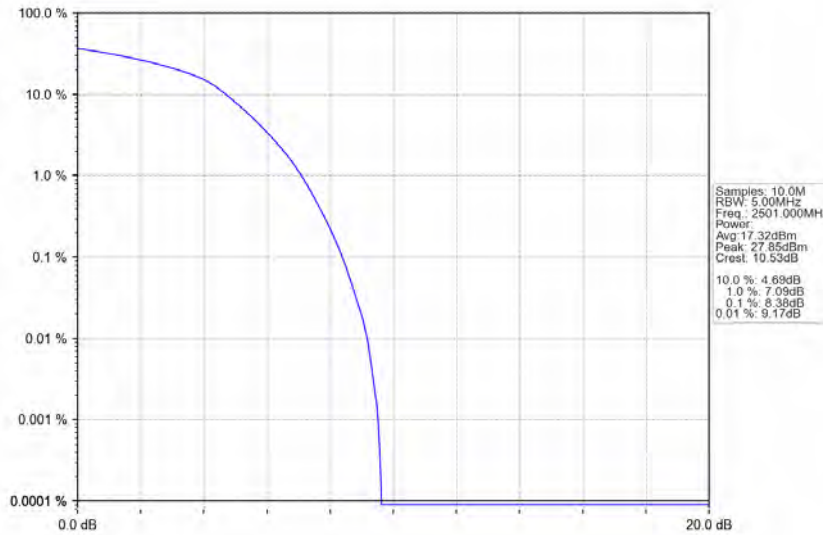
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Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



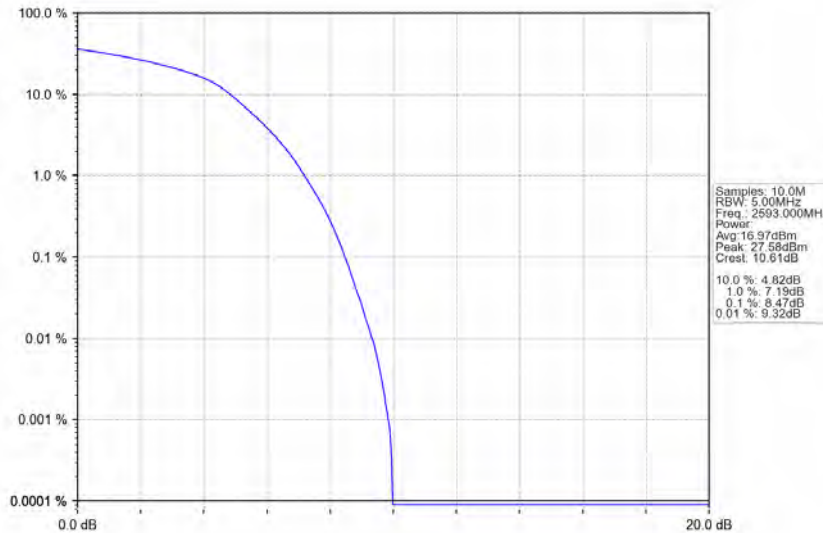
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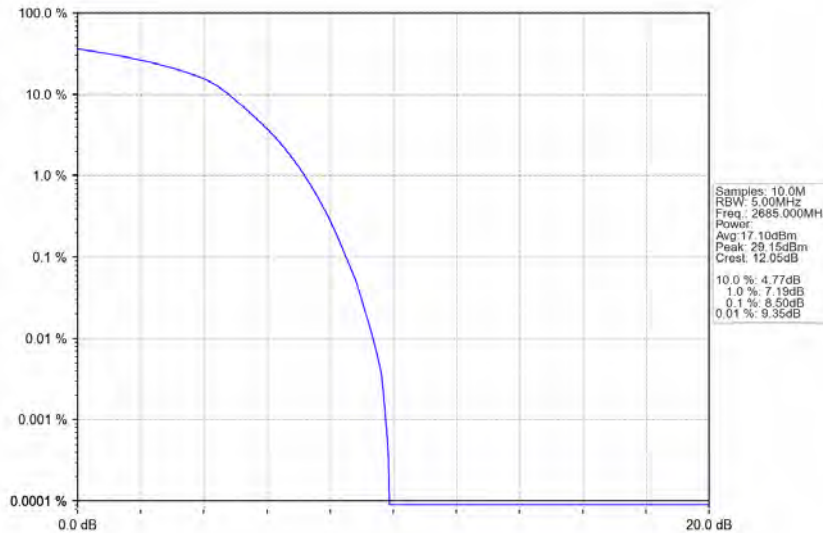
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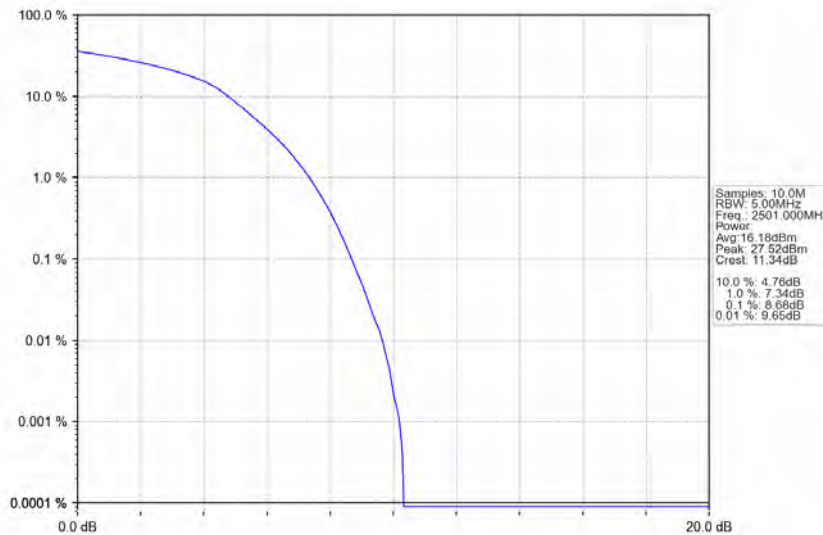
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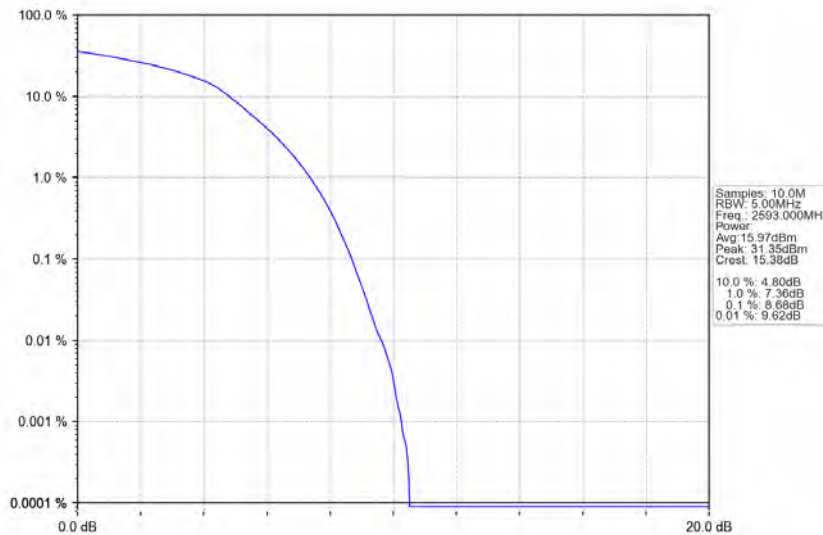
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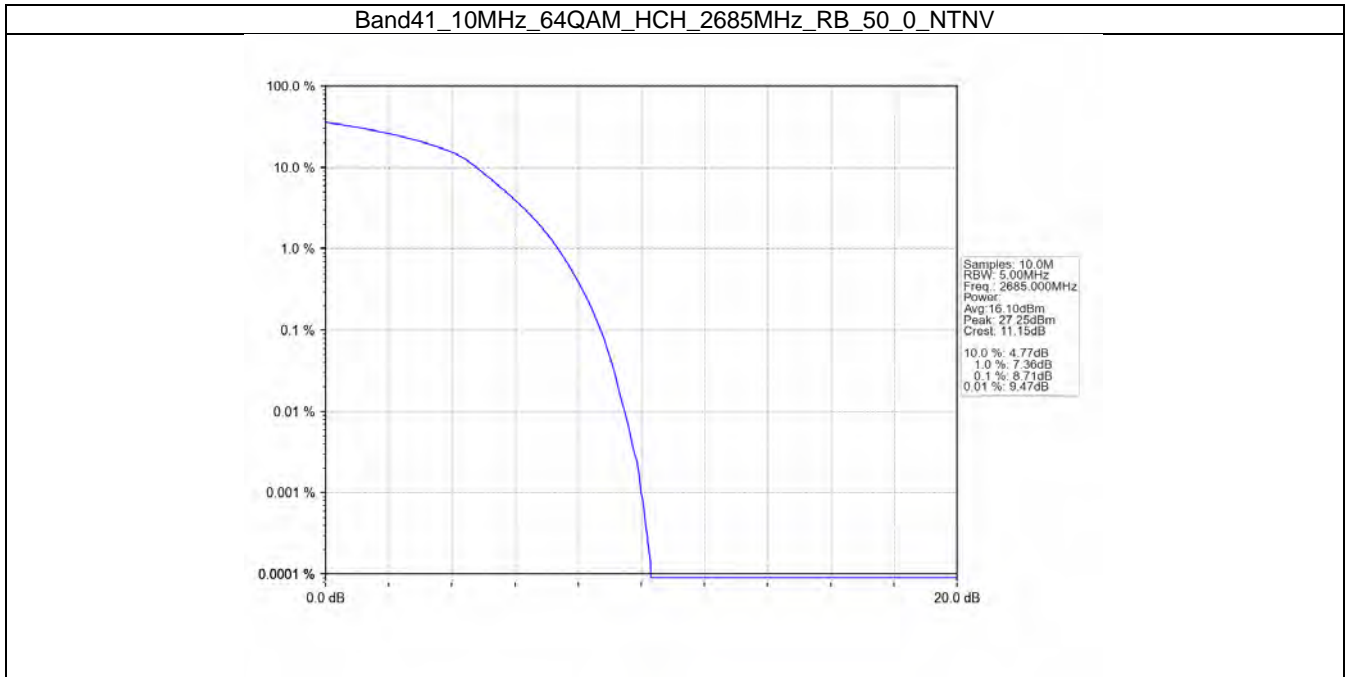


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5.3 B41_15MHz

5.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	8.38	<=13	Pass
	2593	75	0	8.35	<=13	Pass
	2682.5	75	0	8.27	<=13	Pass
16QAM	2503.5	75	0	8.93	<=13	Pass
	2593	75	0	9.09	<=13	Pass
	2682.5	75	0	9.05	<=13	Pass
64QAM	2503.5	75	0	9.14	<=13	Pass
	2593	75	0	9.15	<=13	Pass
	2682.5	75	0	9.13	<=13	Pass



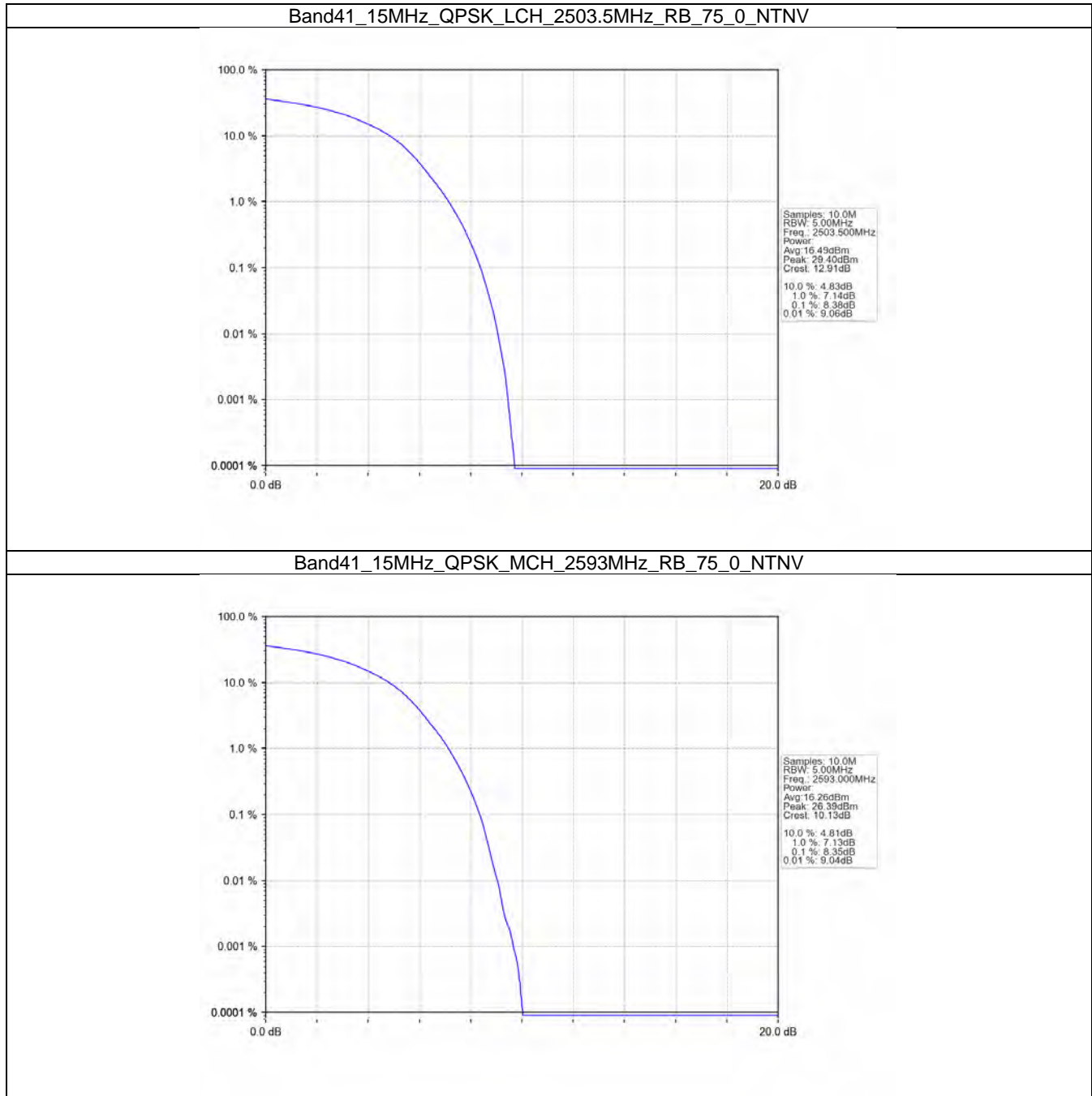
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5.3.2 Test Graph



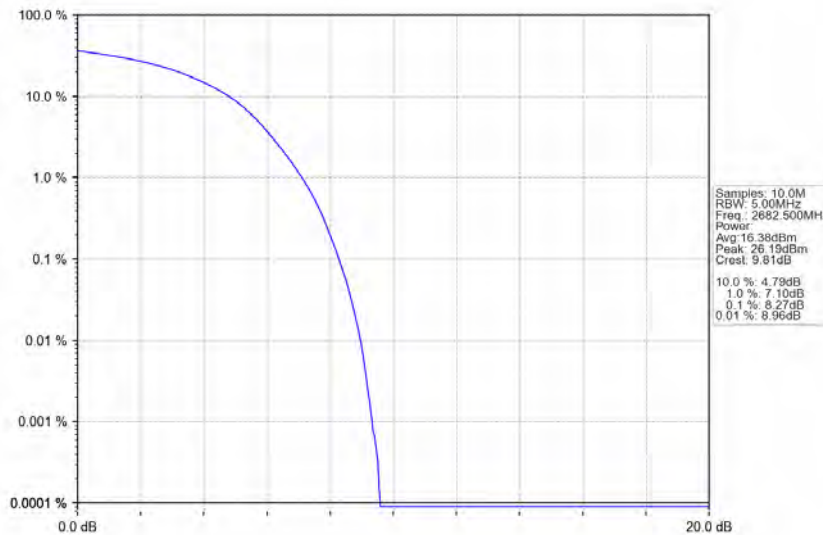
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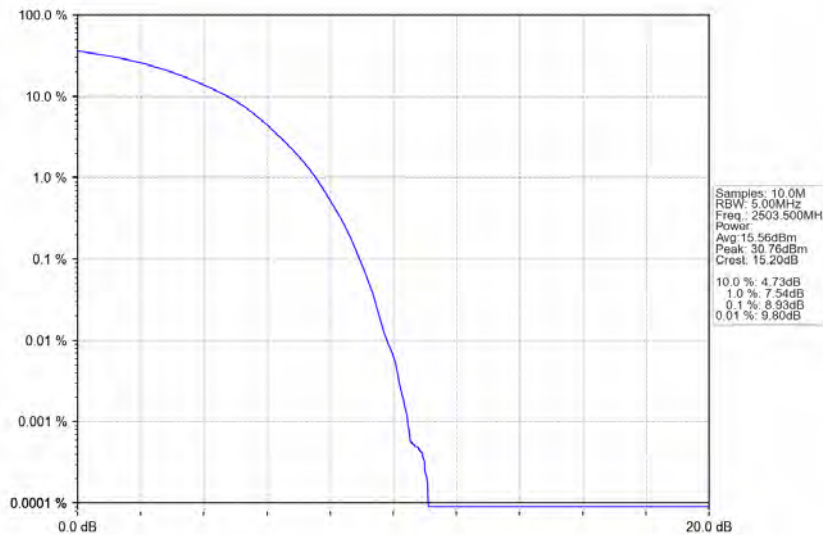
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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



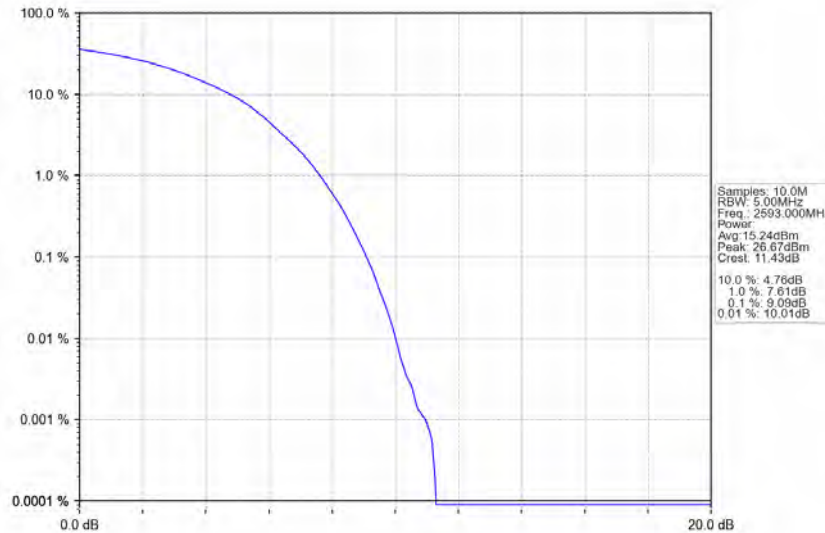
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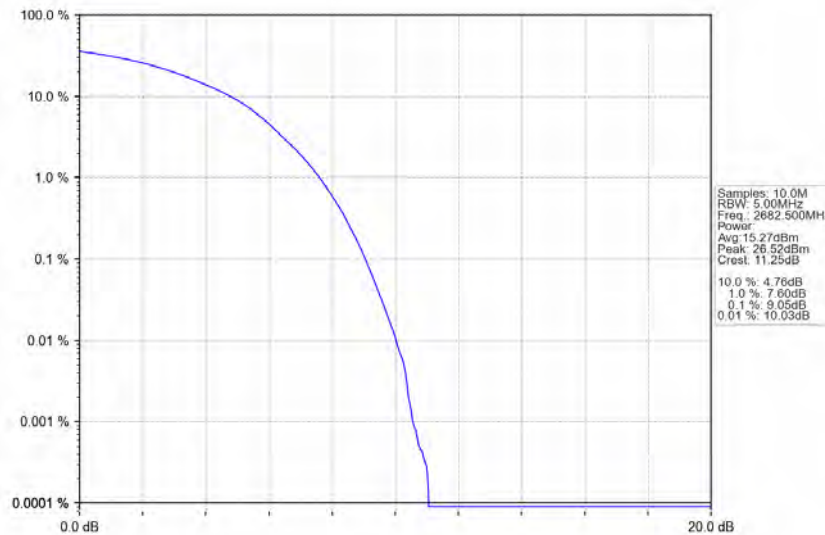
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Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



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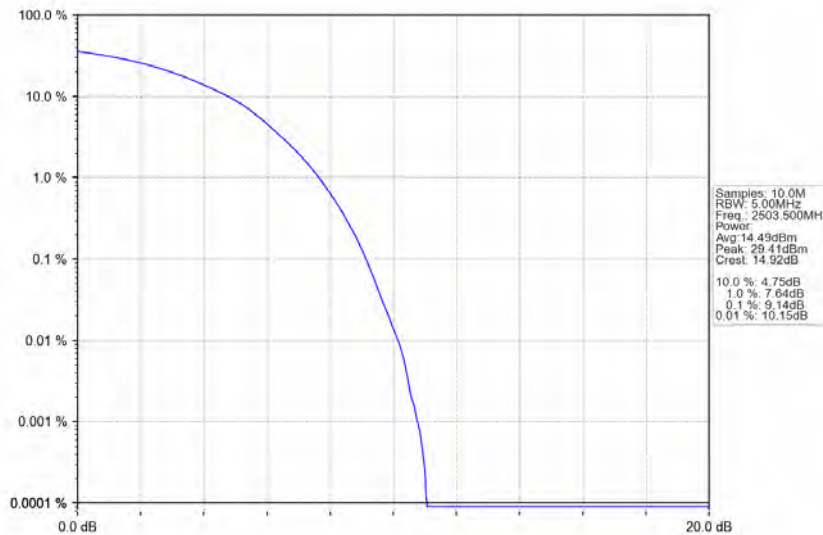
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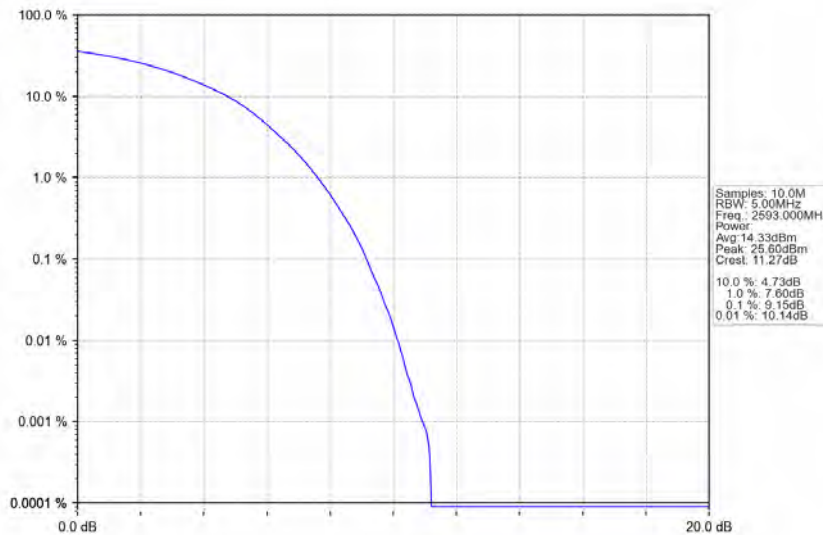
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Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



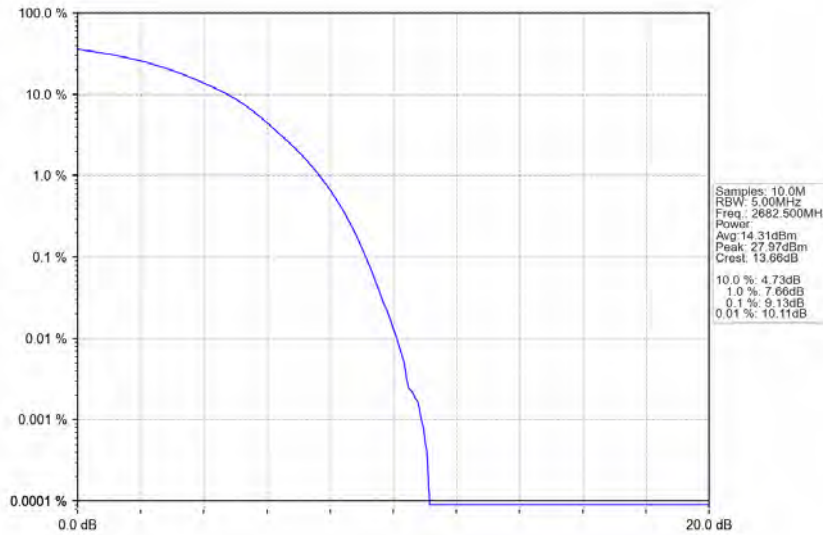
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5.4 B41_20MHz

5.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.83	<=13	Pass
	2593	100	0	8.78	<=13	Pass
	2680	100	0	8.80	<=13	Pass
16QAM	2506	100	0	9.35	<=13	Pass
	2593	100	0	9.34	<=13	Pass
	2680	100	0	9.27	<=13	Pass
64QAM	2506	100	0	9.37	<=13	Pass
	2593	100	0	9.36	<=13	Pass
	2680	100	0	9.39	<=13	Pass

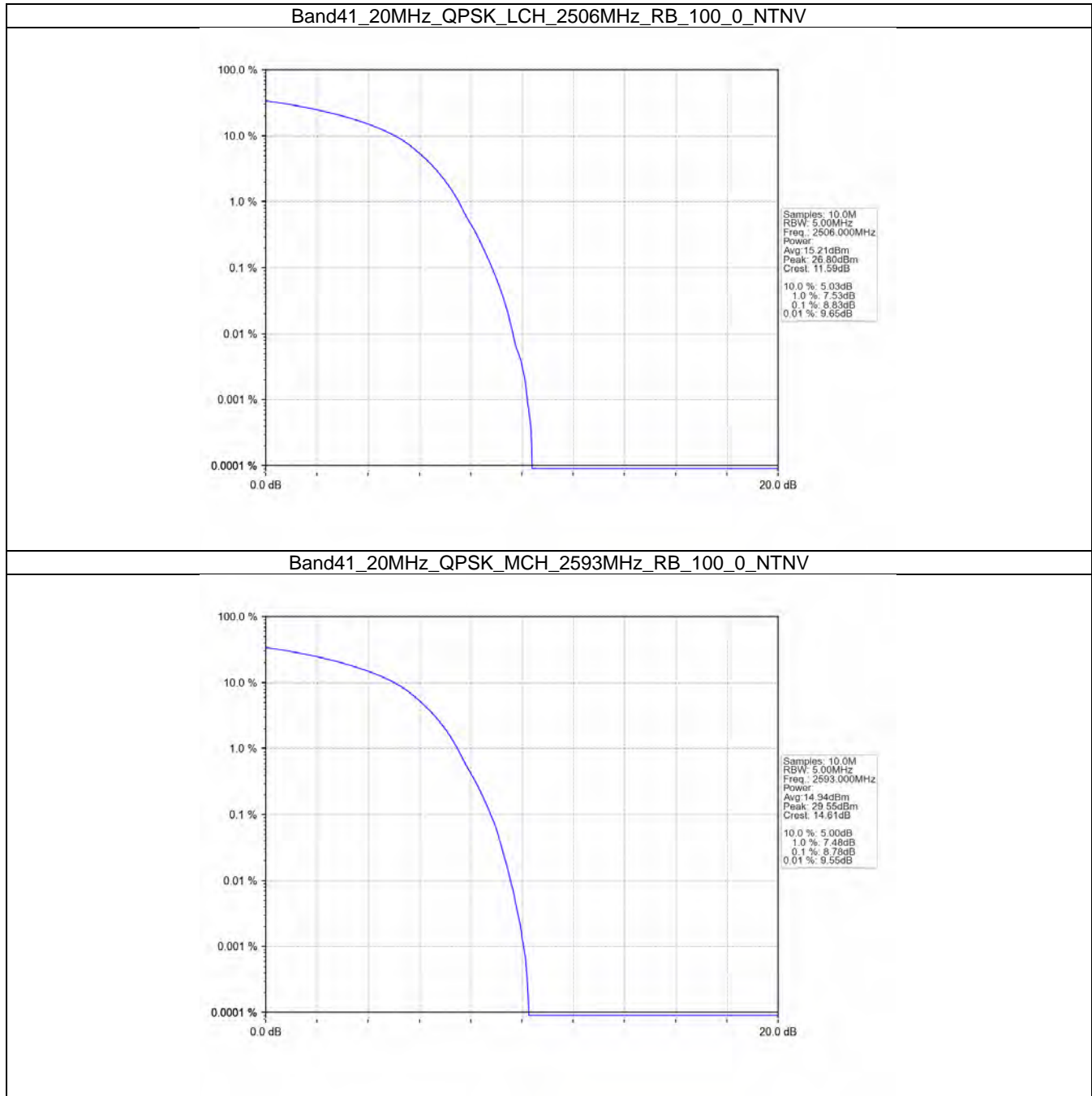


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5.4.2 Test Graph



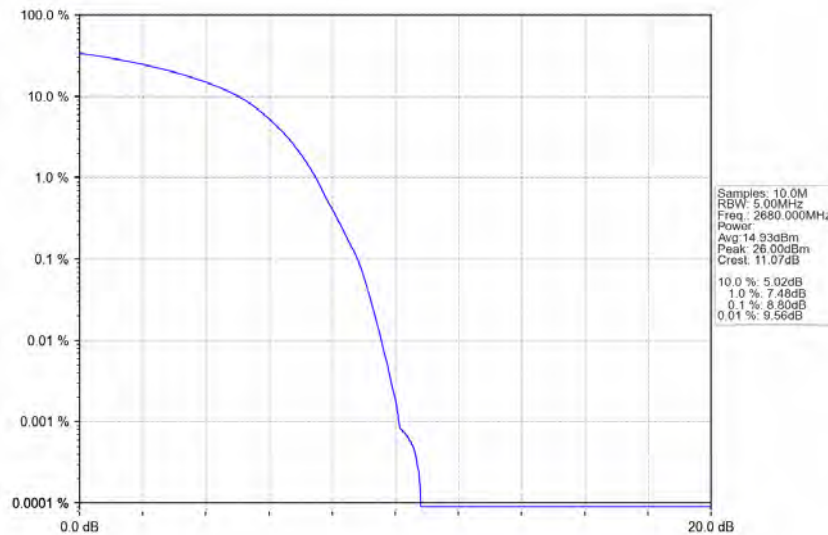
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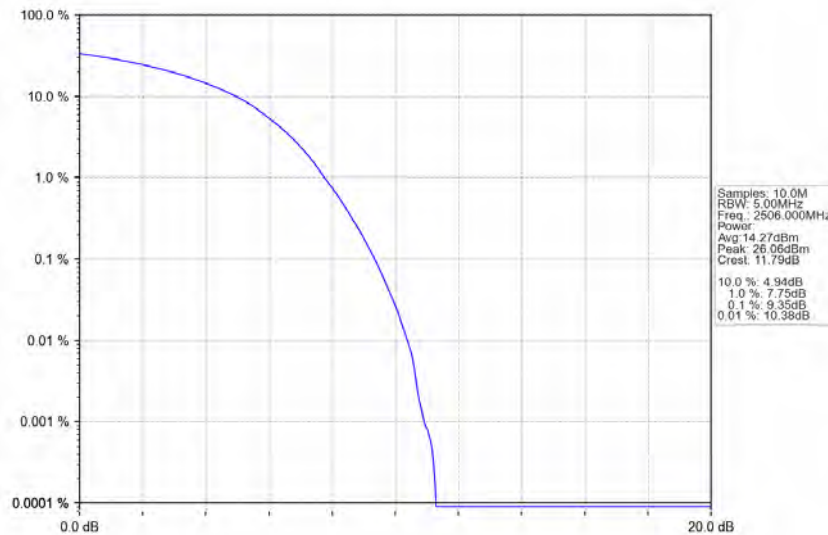
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Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



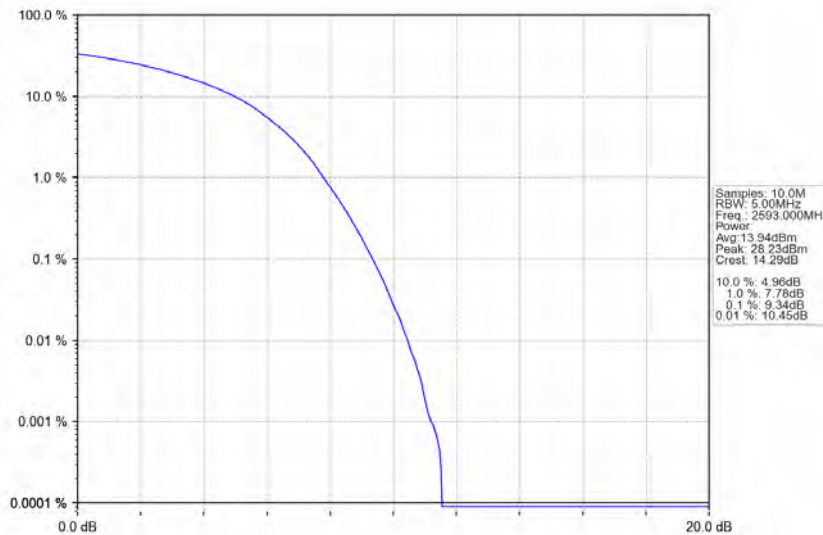
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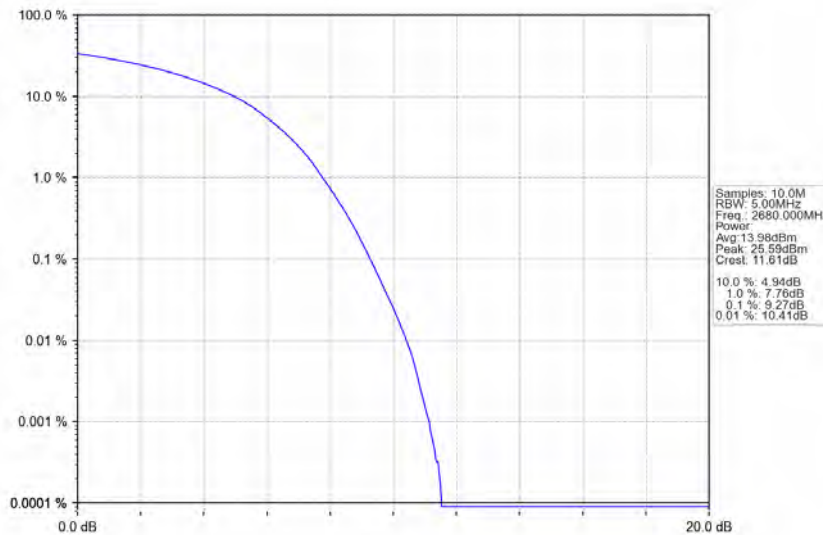
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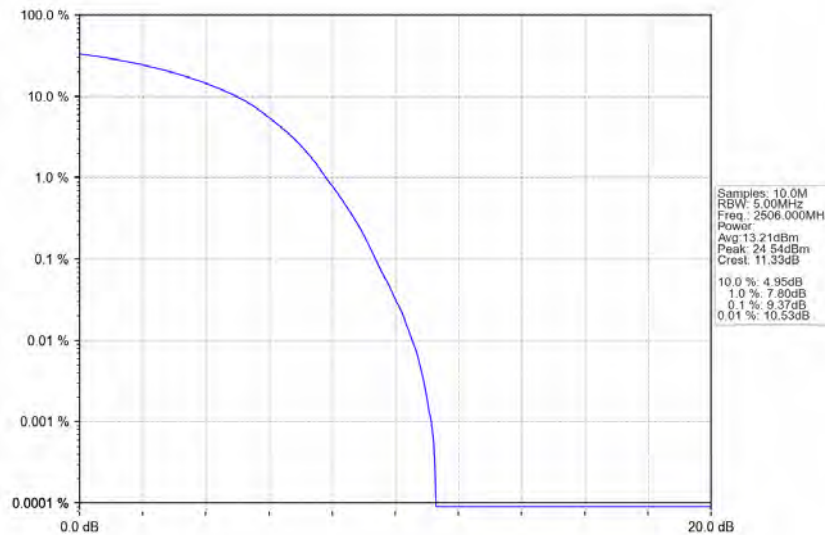
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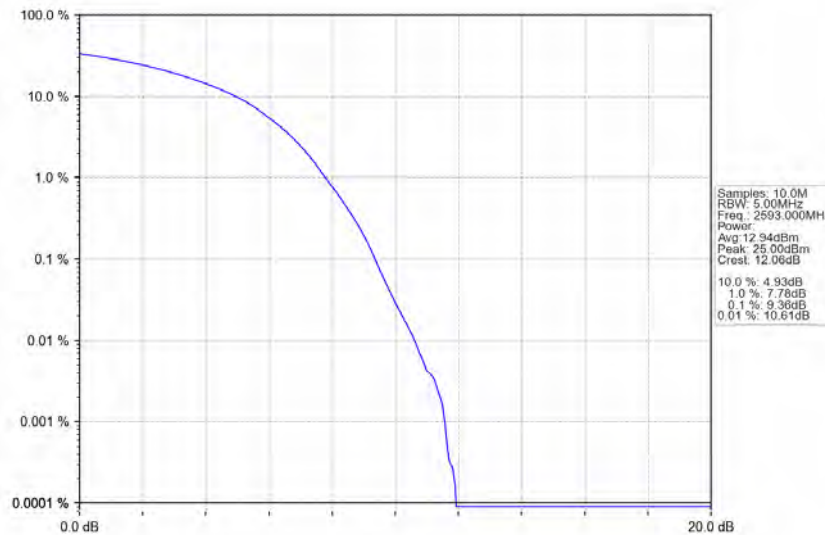
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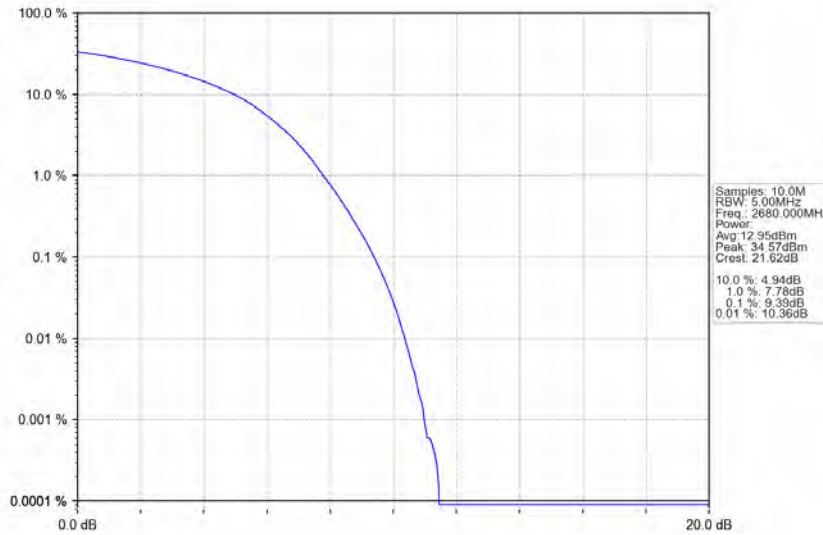
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6. Spurious Emission

6.1 B41_5MHz

6.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTVN							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	2498.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2593	1	0	Refer To Test Graph		Pass	
		2687.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2593	1	0	Refer To Test Graph		Pass	
		2687.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass
64QAM	2498.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	2593	1	0	Refer To Test Graph		Pass	
		2687.5	1	0	Refer To Test Graph		Pass
				24	Refer To Test Graph		Pass
			25	0	Refer To Test Graph		Pass



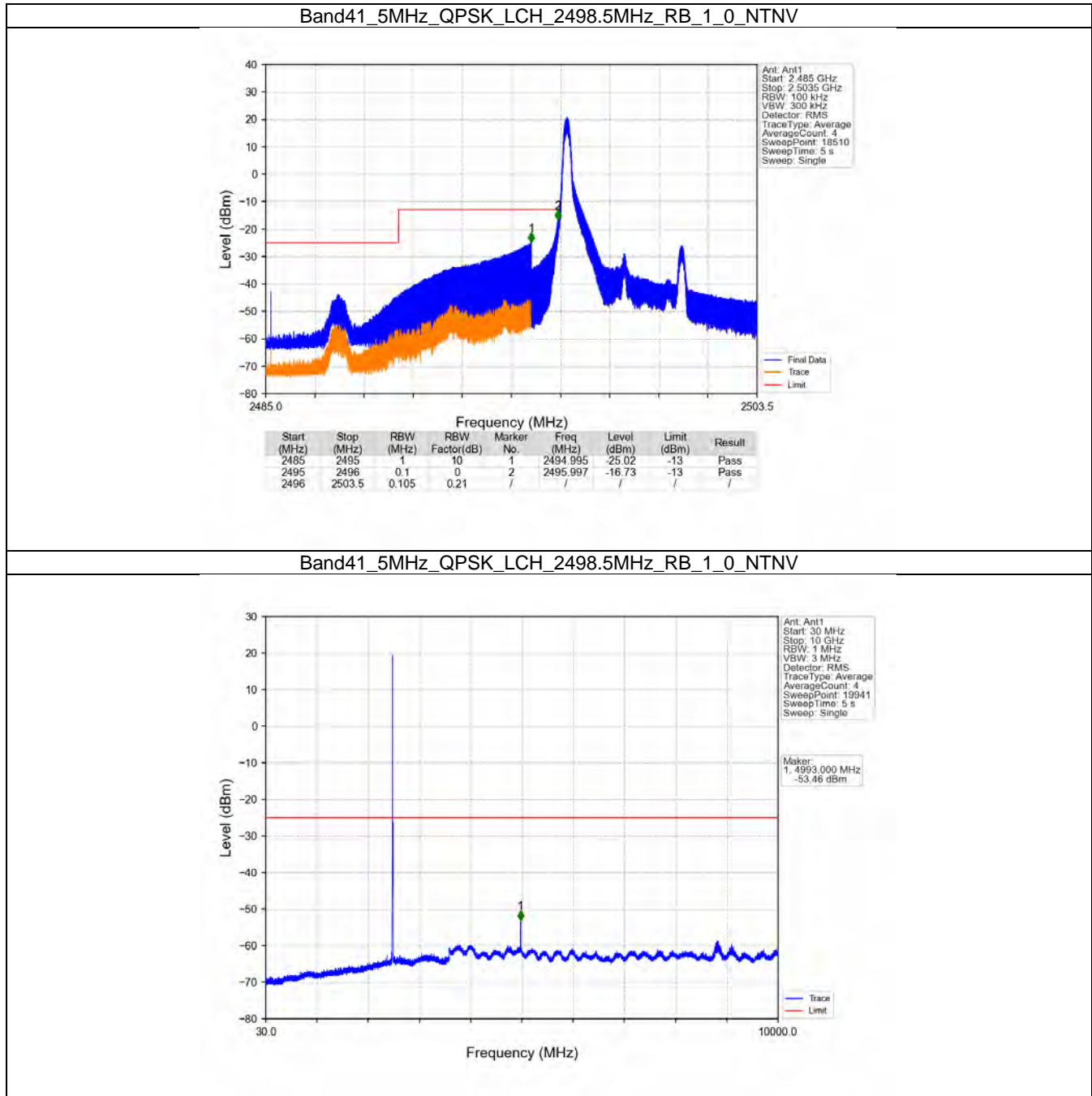
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6.1.2 Test Graph

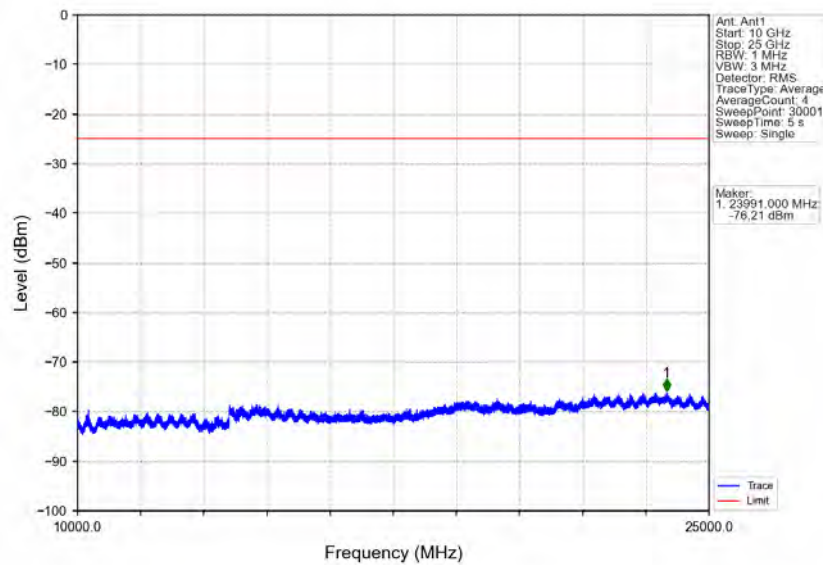


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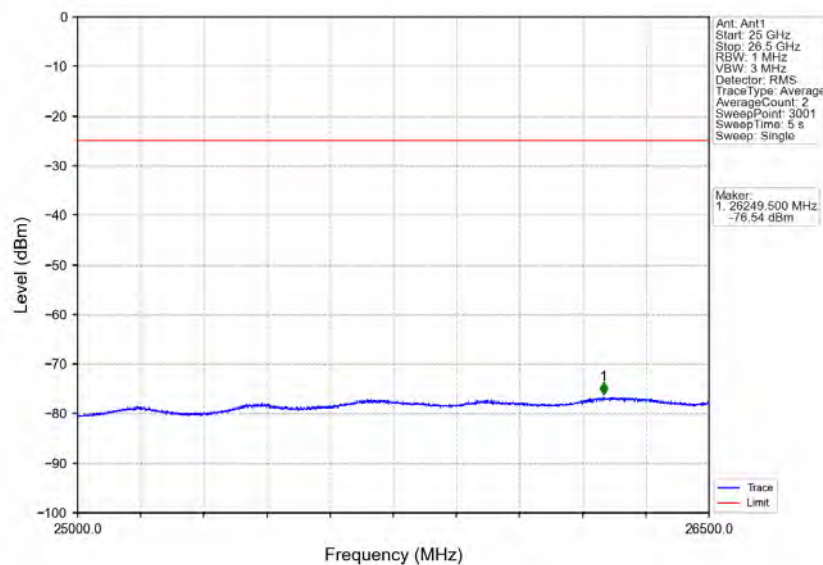
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Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



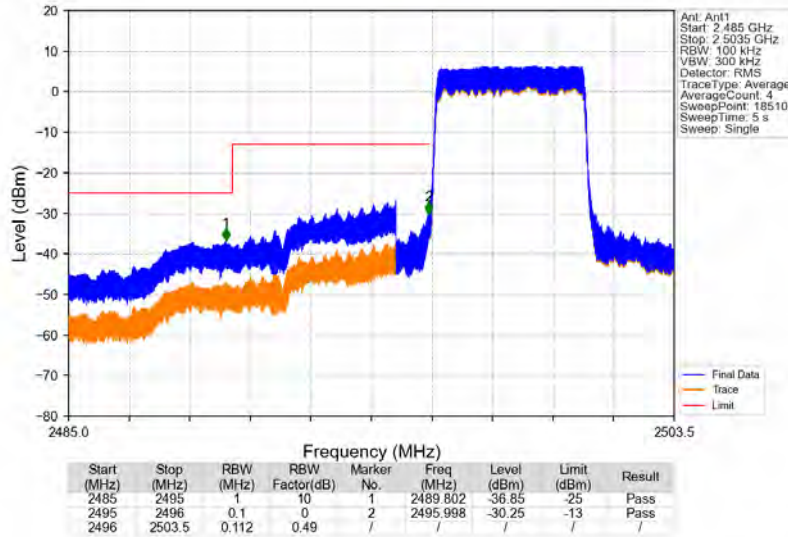
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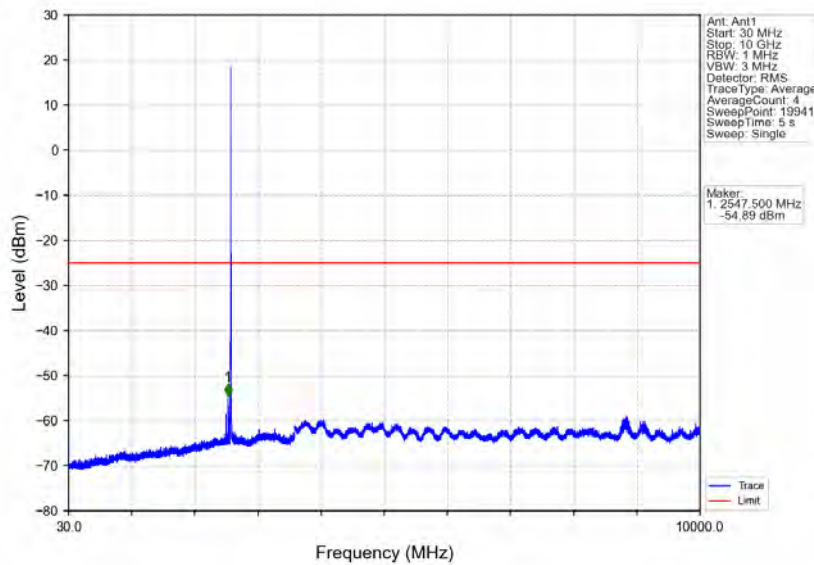
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Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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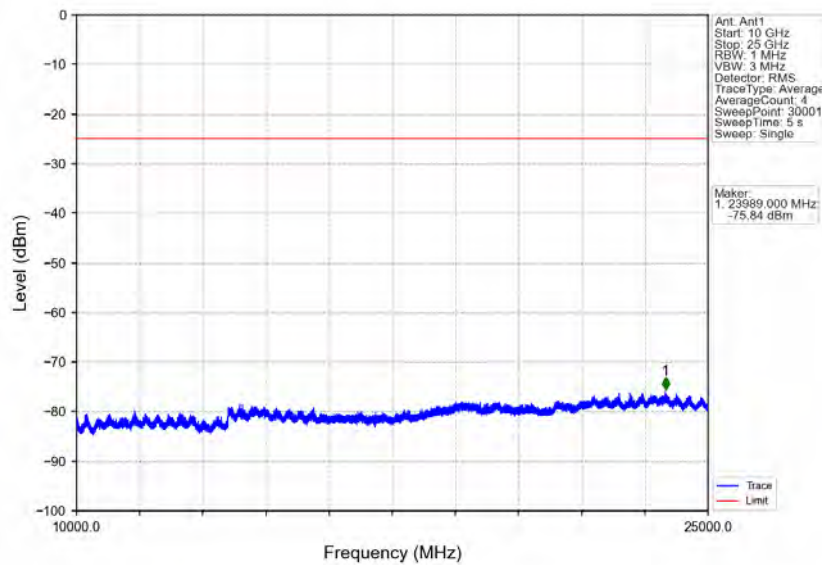
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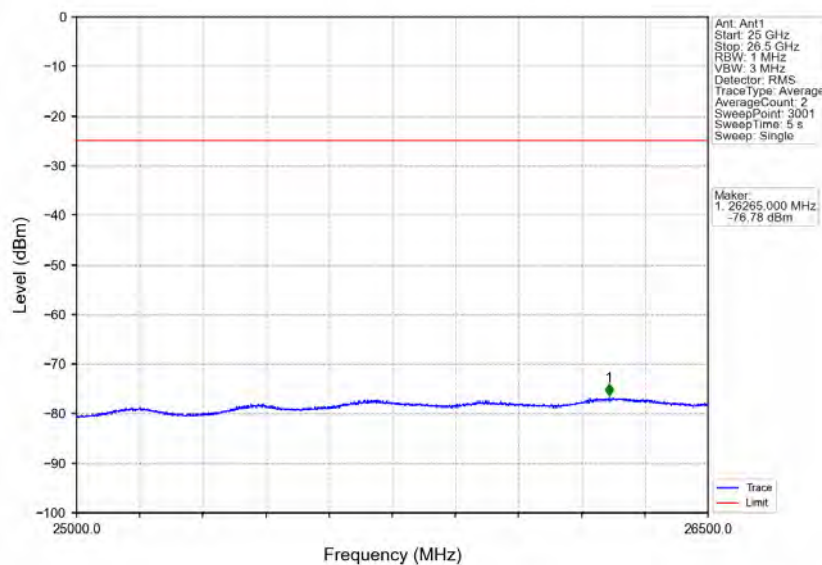


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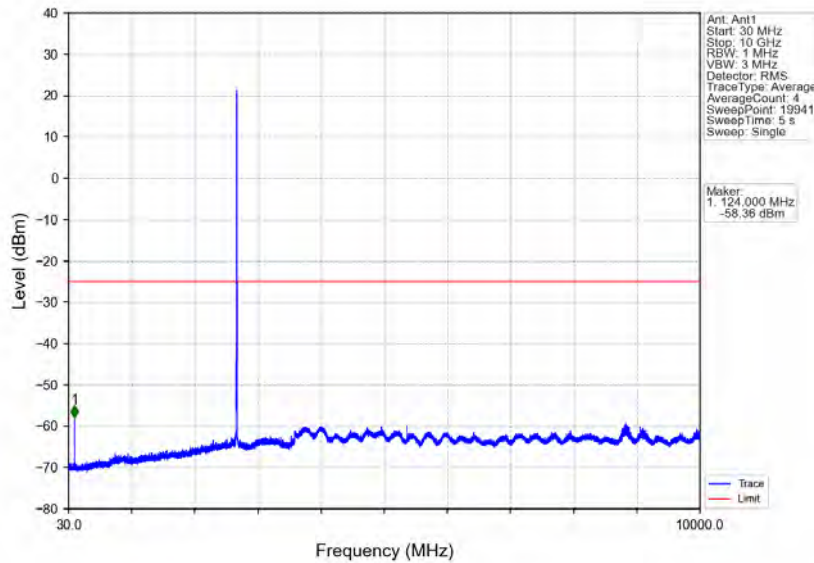
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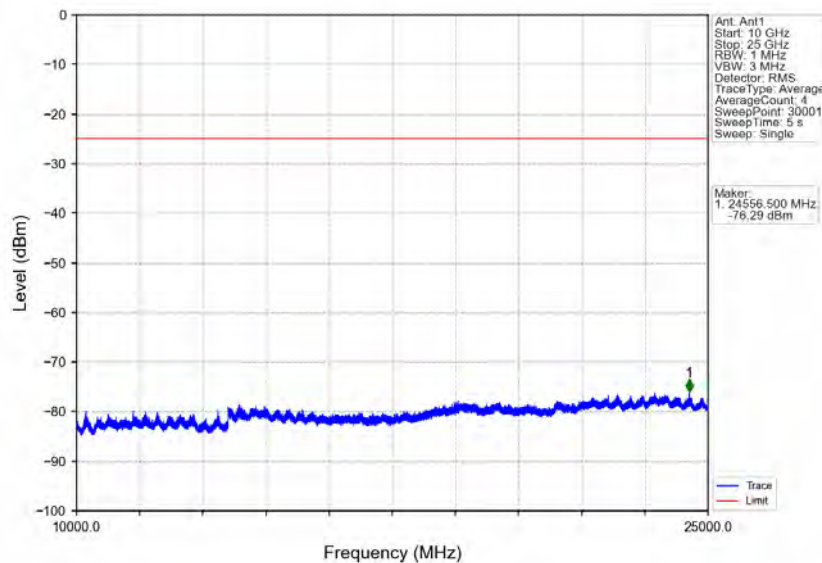
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



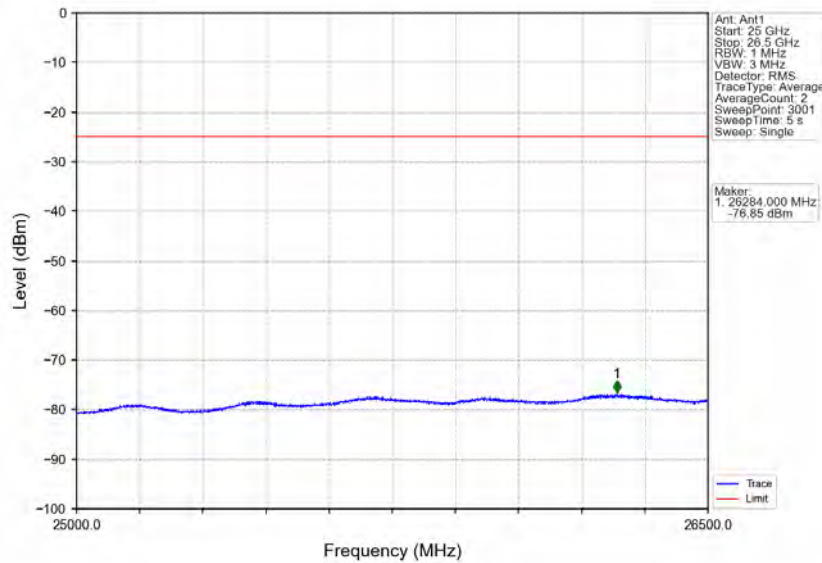
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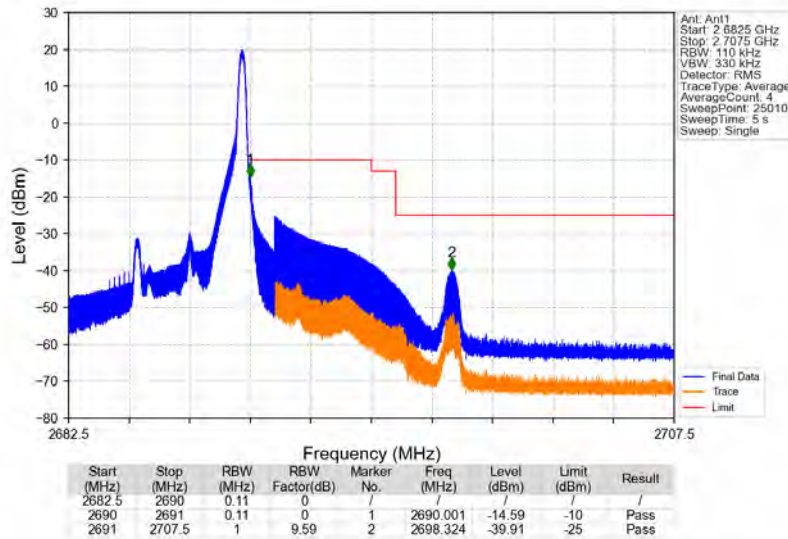
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Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



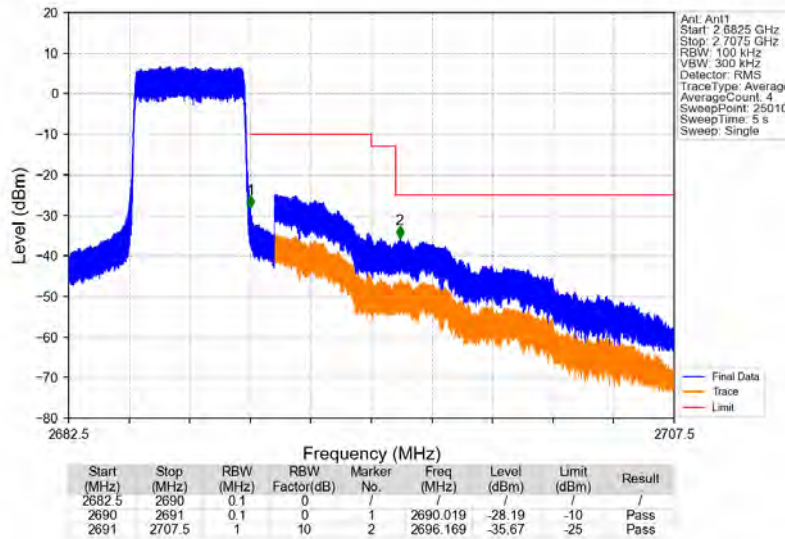
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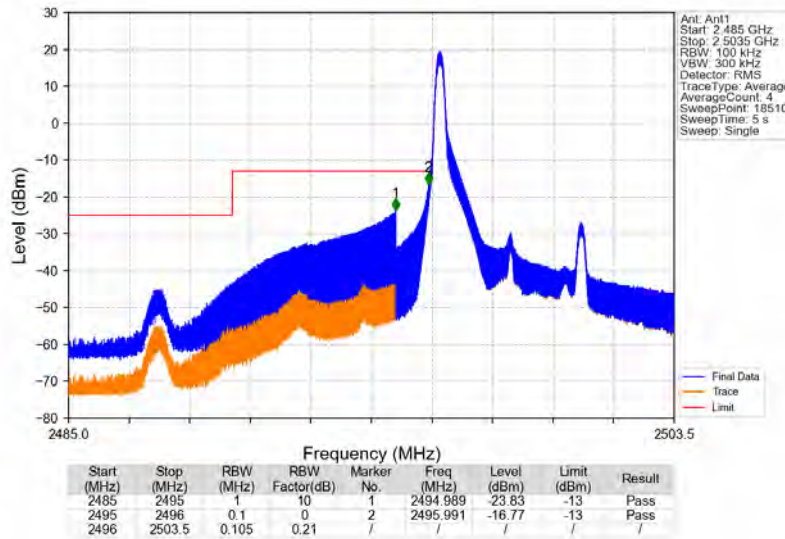
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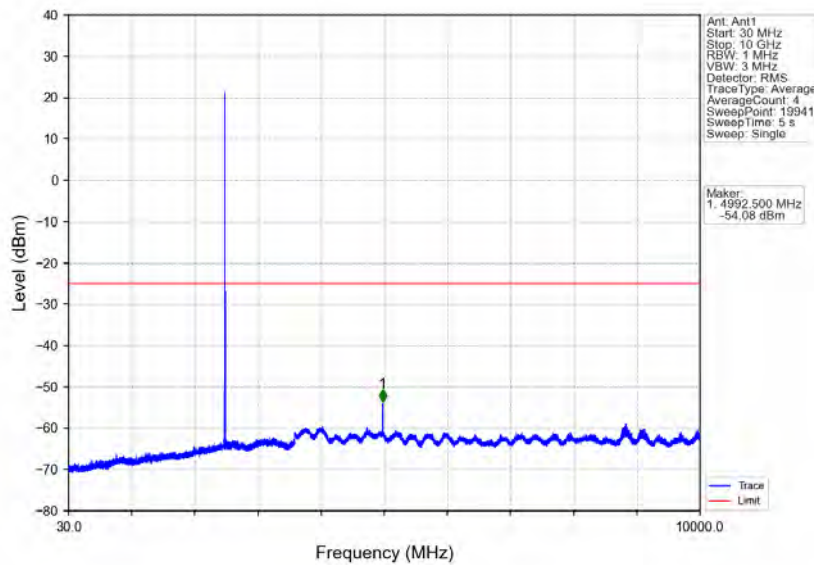
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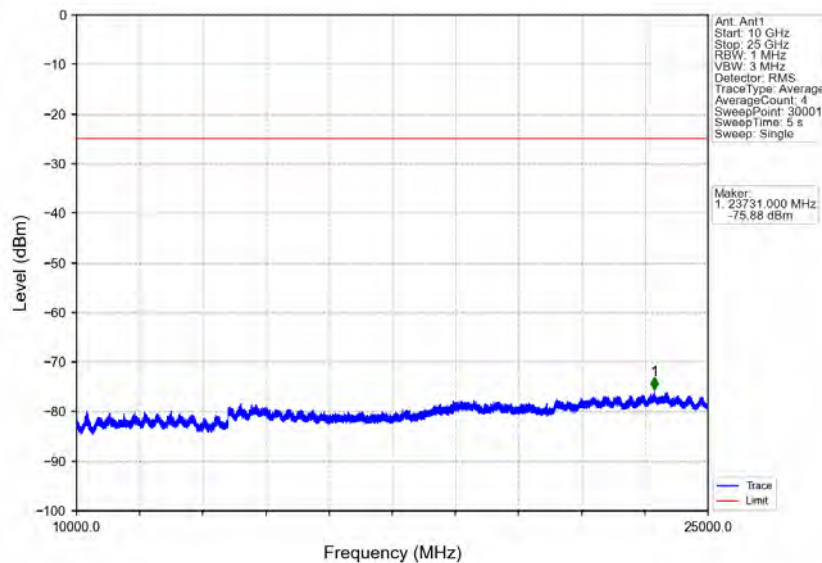
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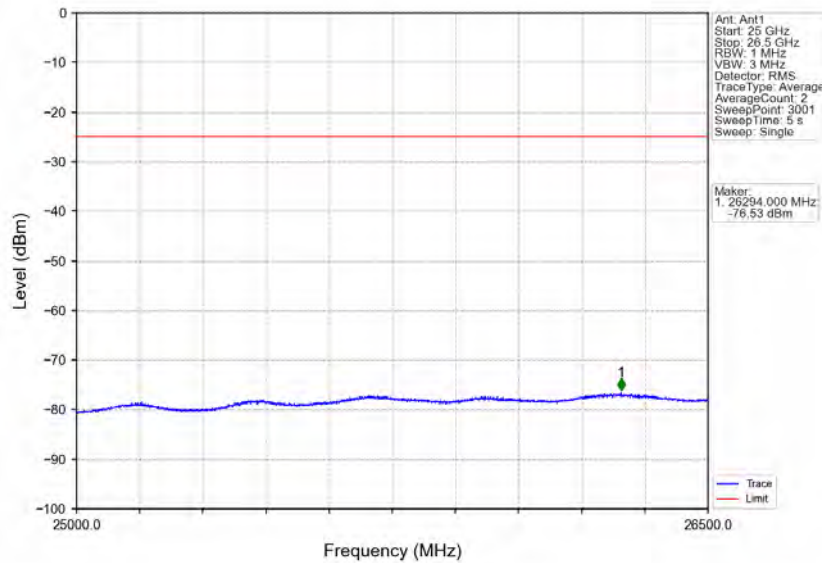
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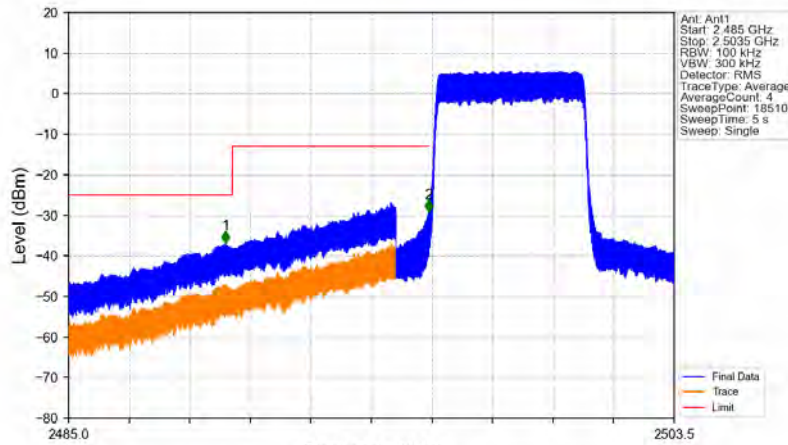
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Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2485	1	10	1	2489.785	-36.90	-25	Pass
2495	2496	0.1	0	2	2495.999	-29.16	-13	Pass
2496	2503.5	0.101	0.04	/	/	/	/	/



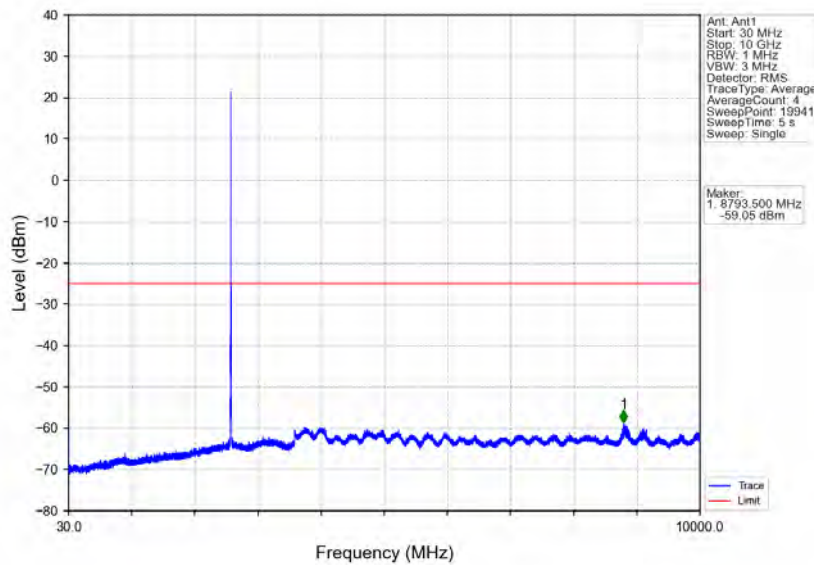
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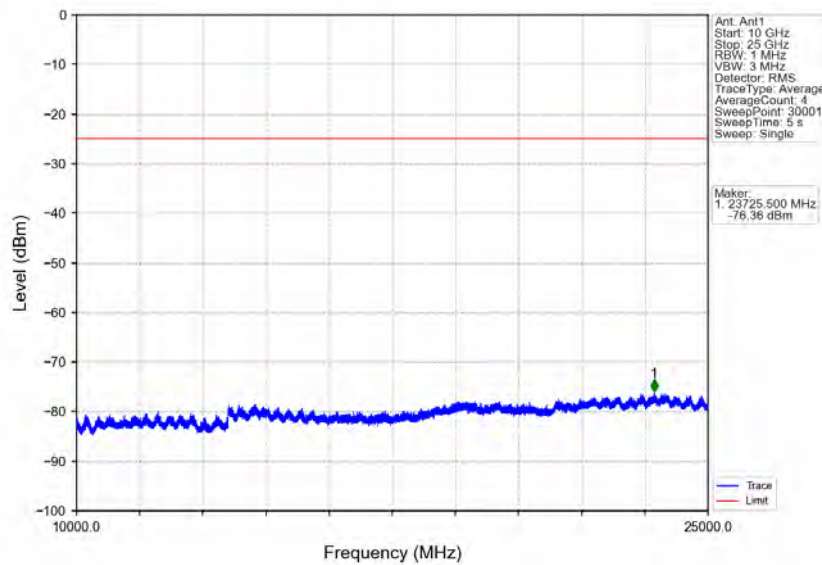
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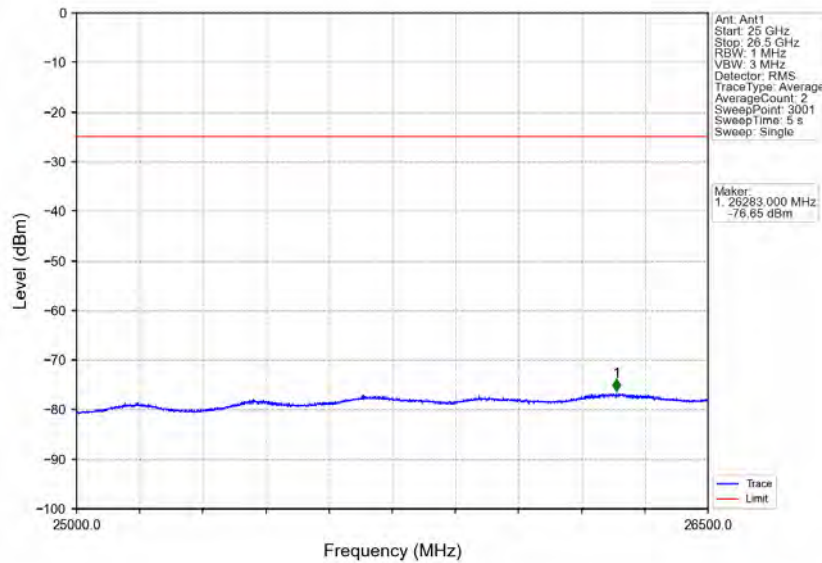
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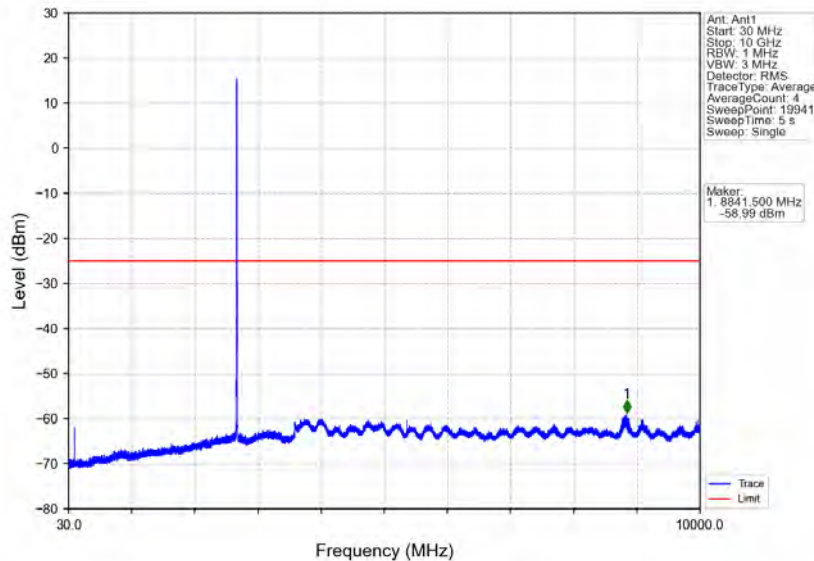
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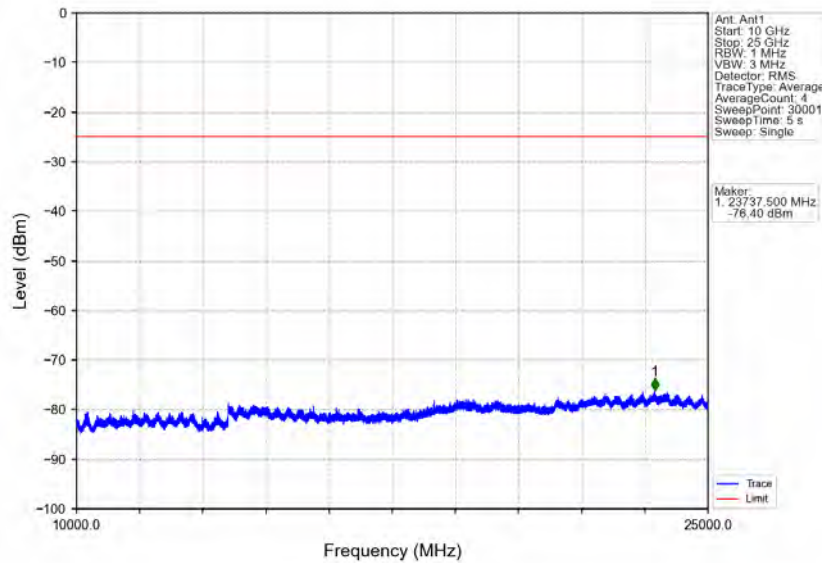
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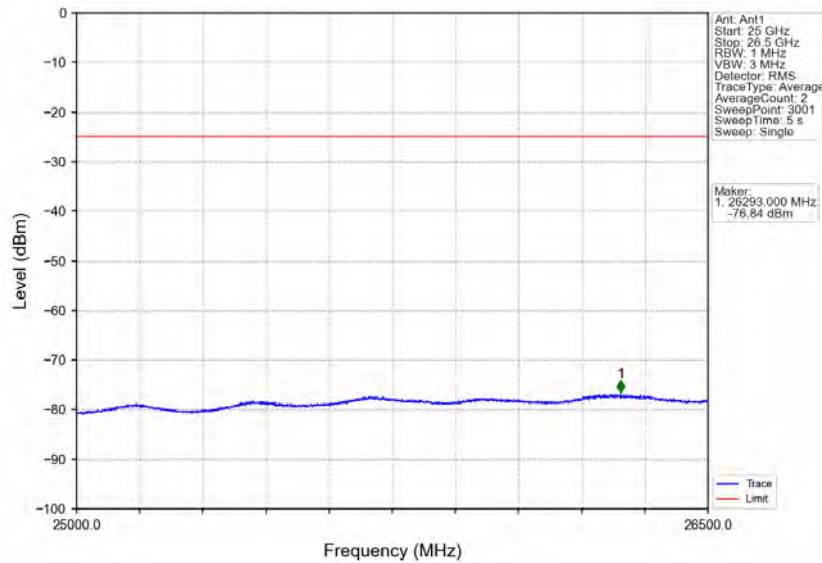
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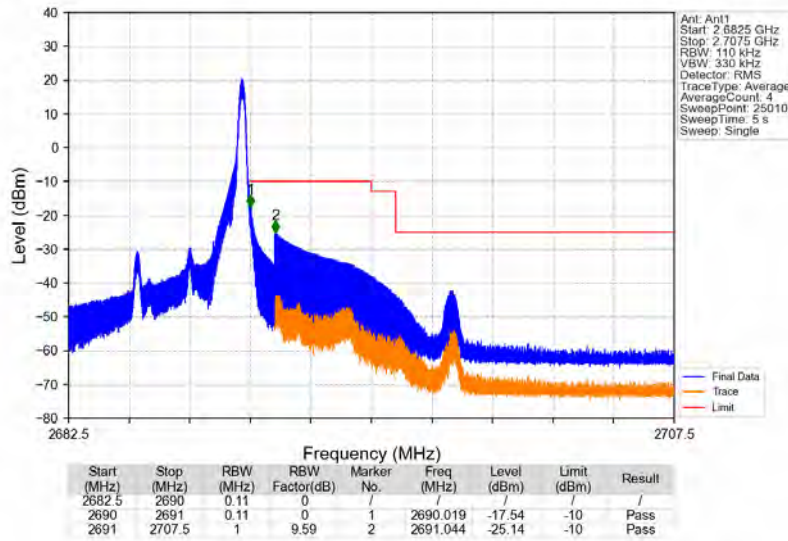
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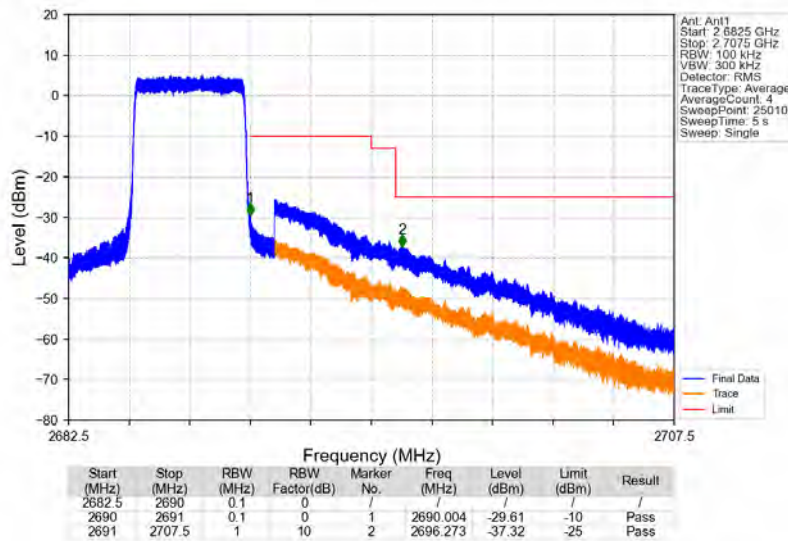
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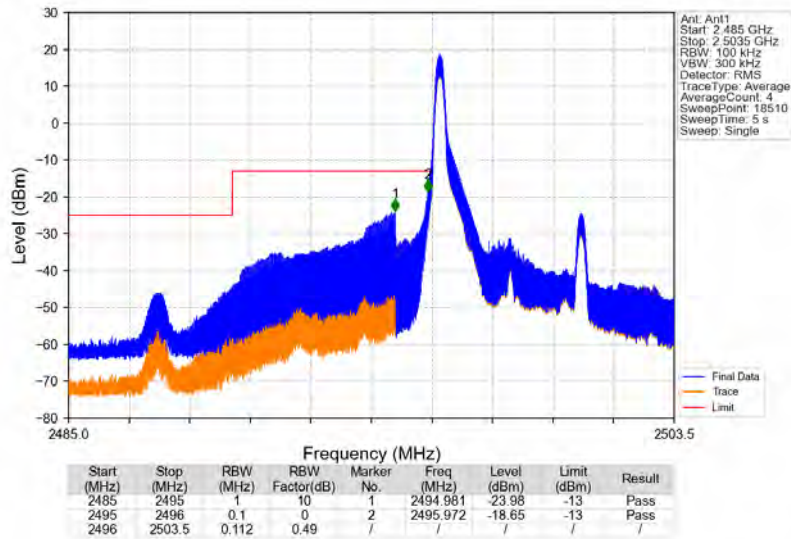
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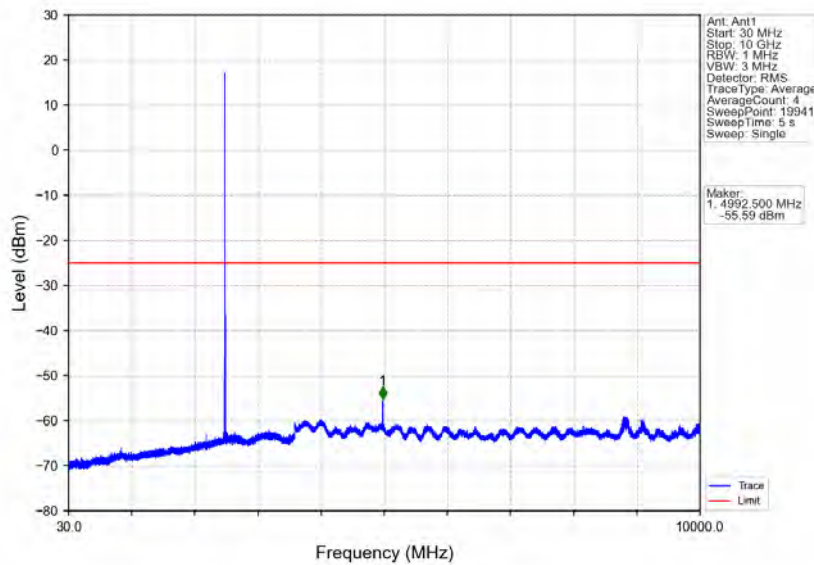
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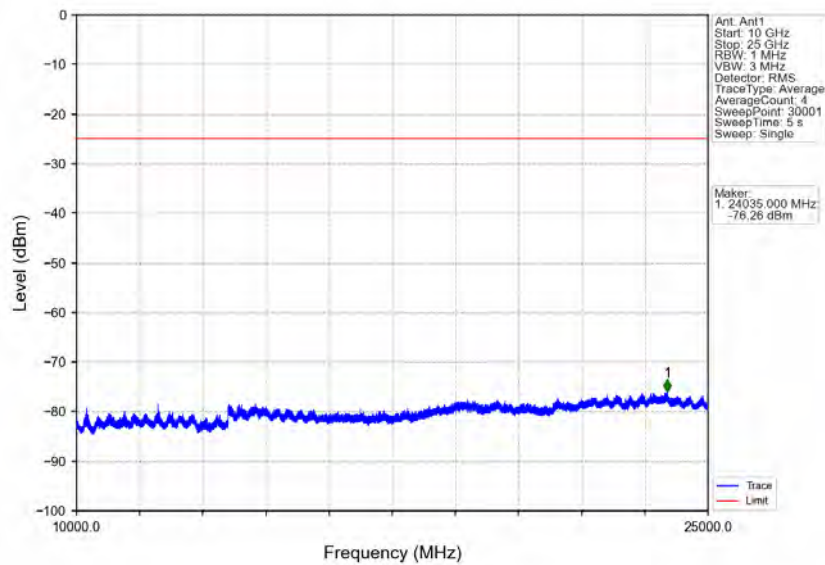
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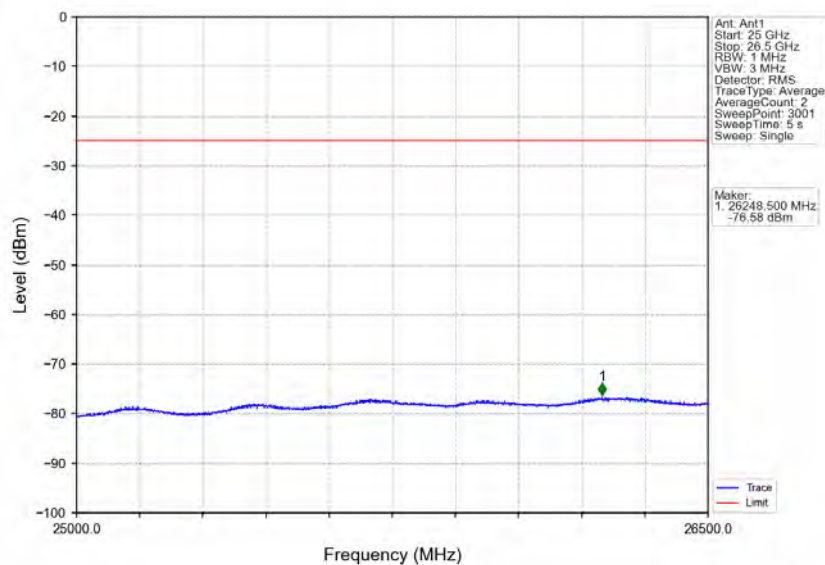
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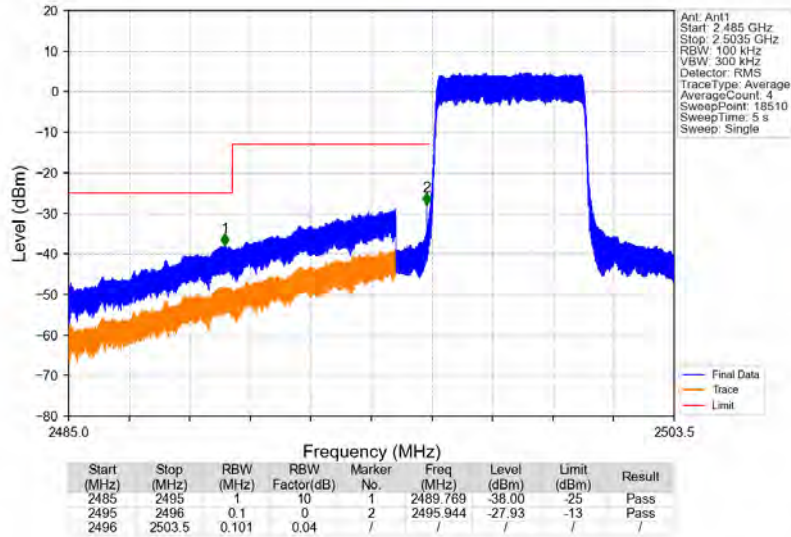
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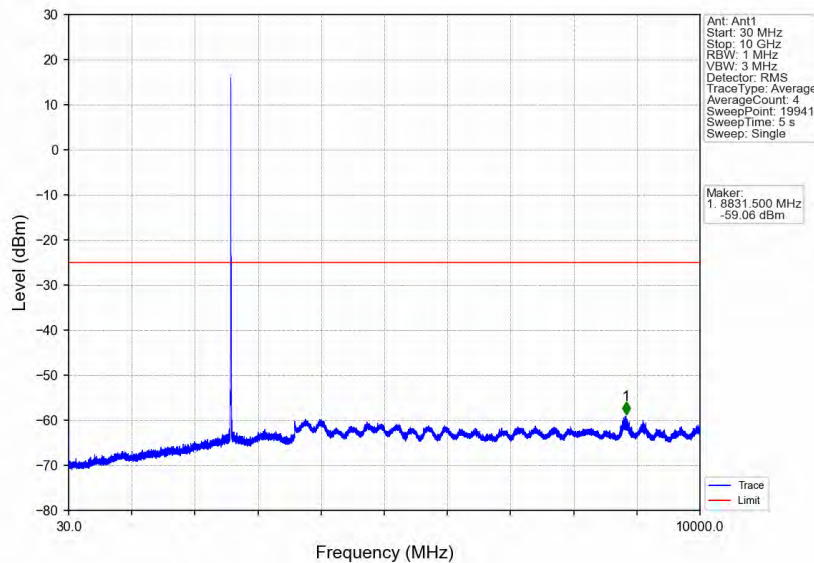
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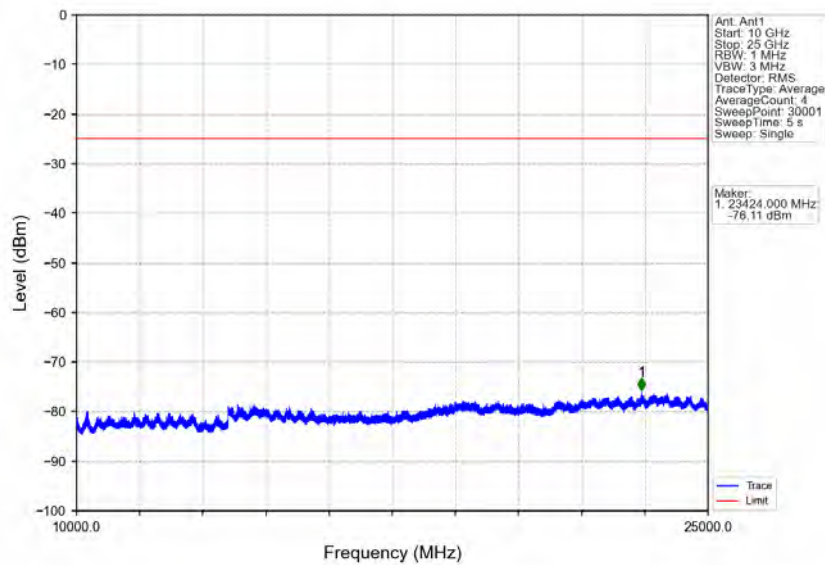
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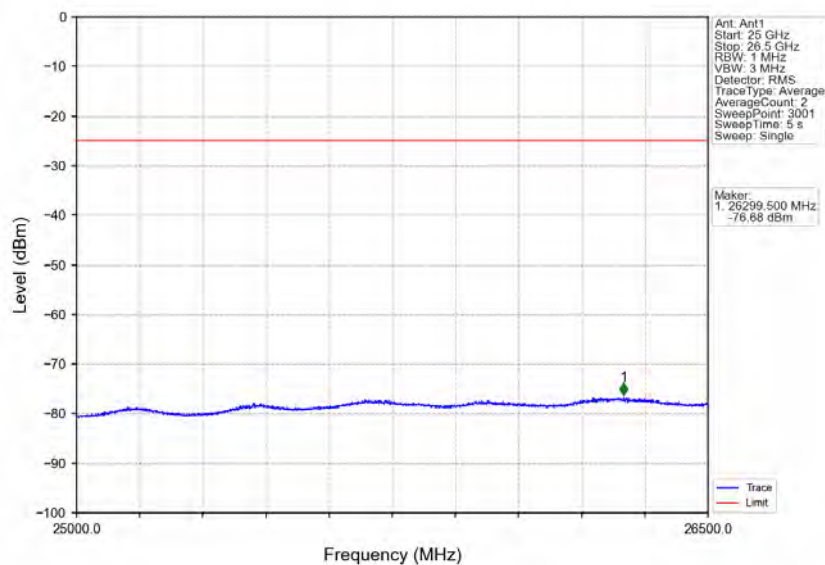
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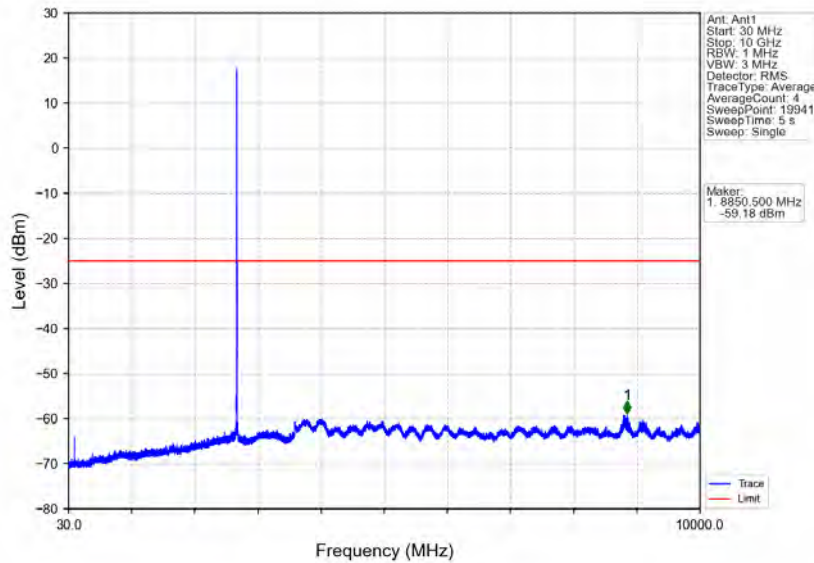
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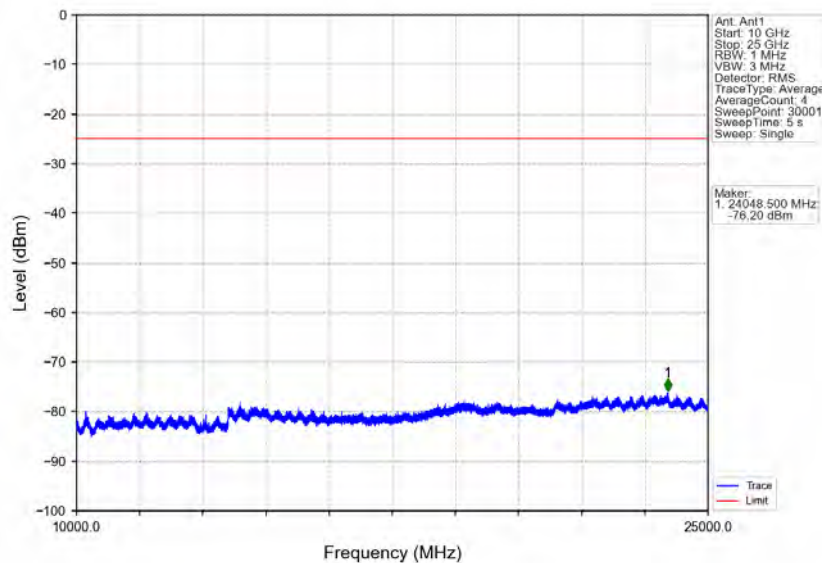
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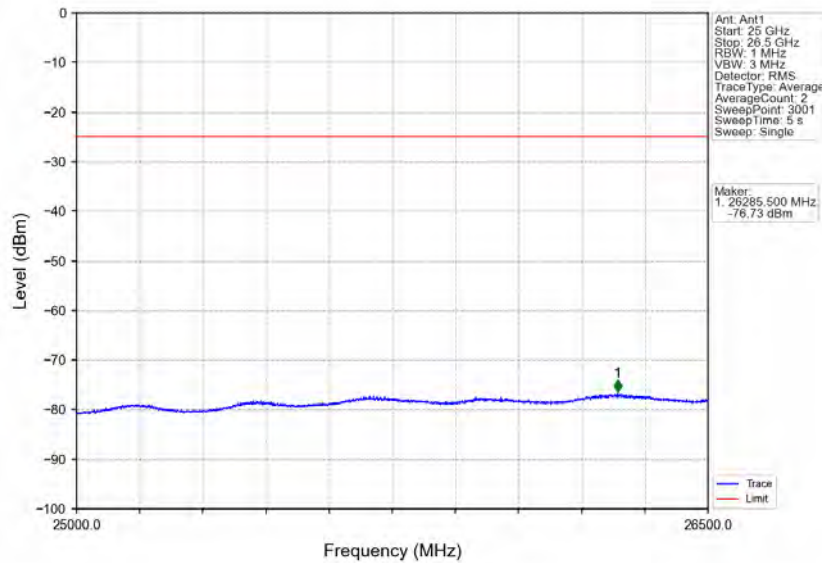
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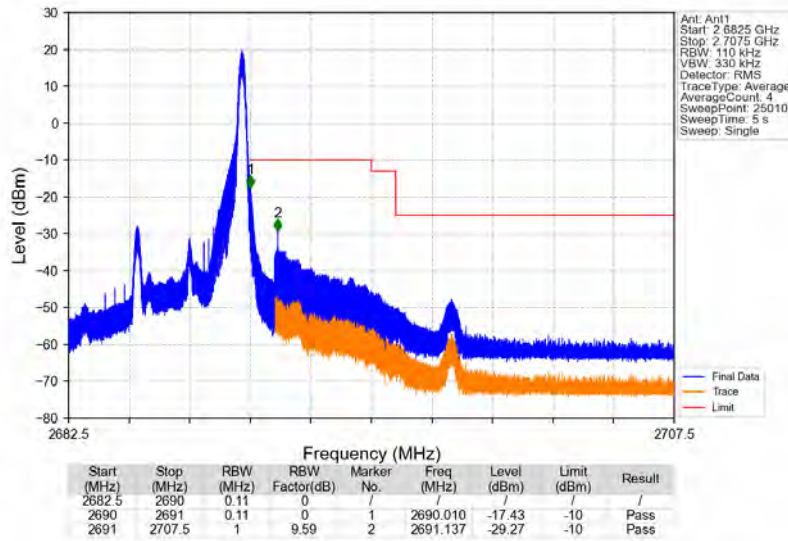
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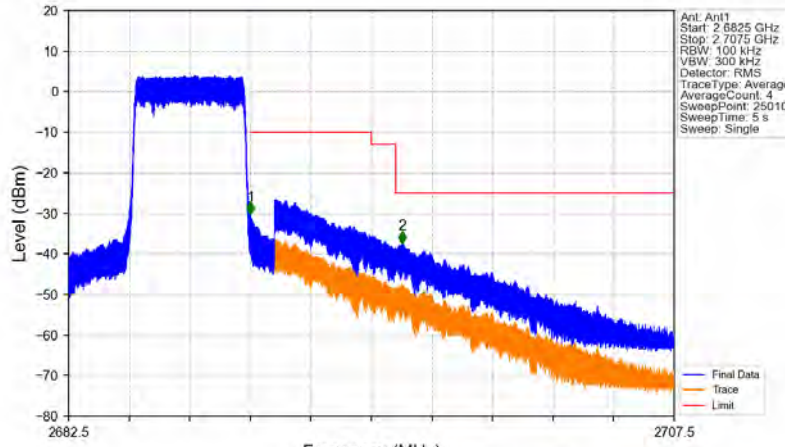
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	0	/	/	/	/	/
2690	2691	0.1	0	1	2690.017	-30.27	-10	Pass
2691	2707.5	1	10	2	2696.271	-37.42	-25	Pass



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6.2 B41_10MHz

6.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	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	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	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	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	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

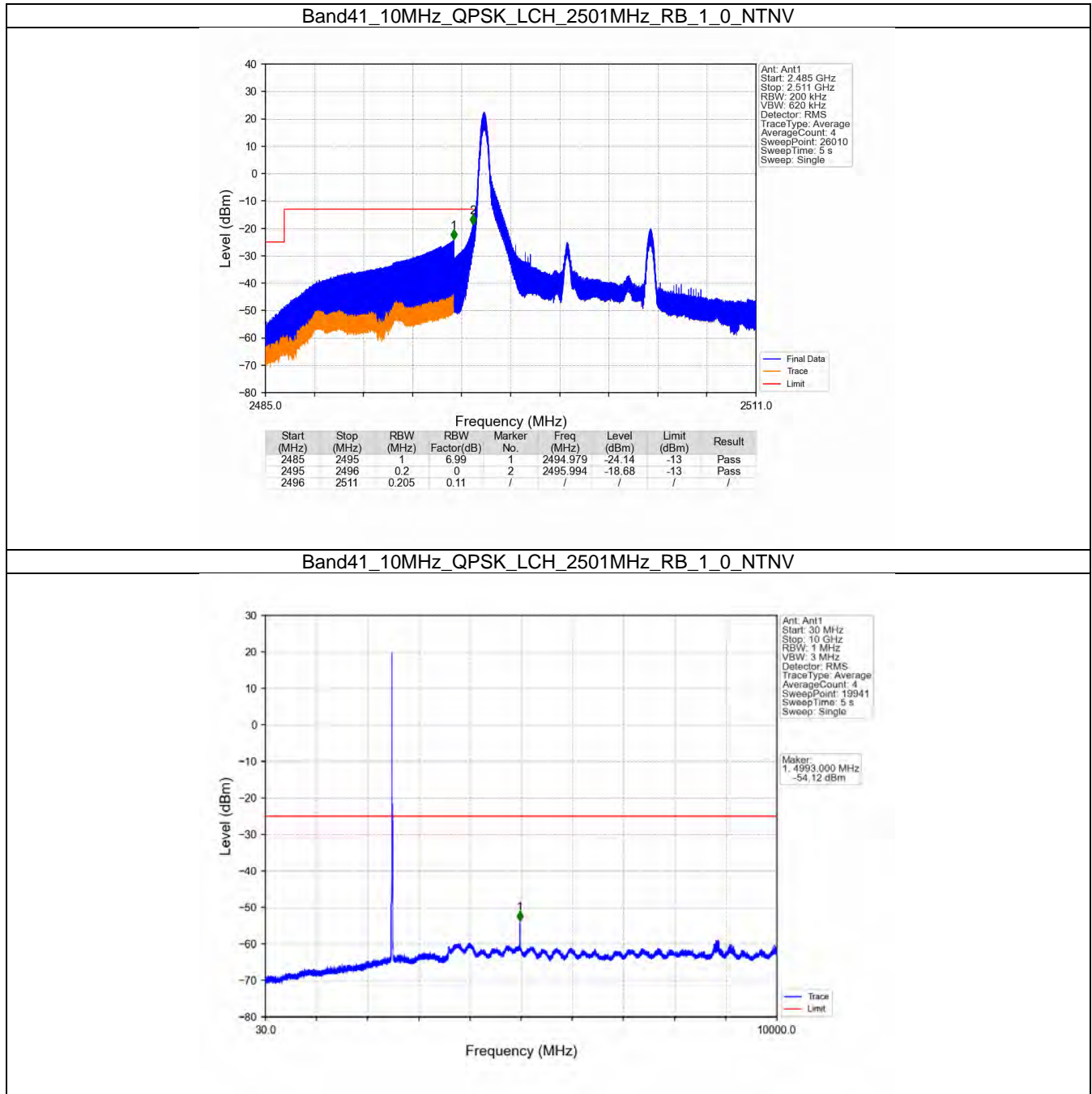


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6.2.2 Test Graph



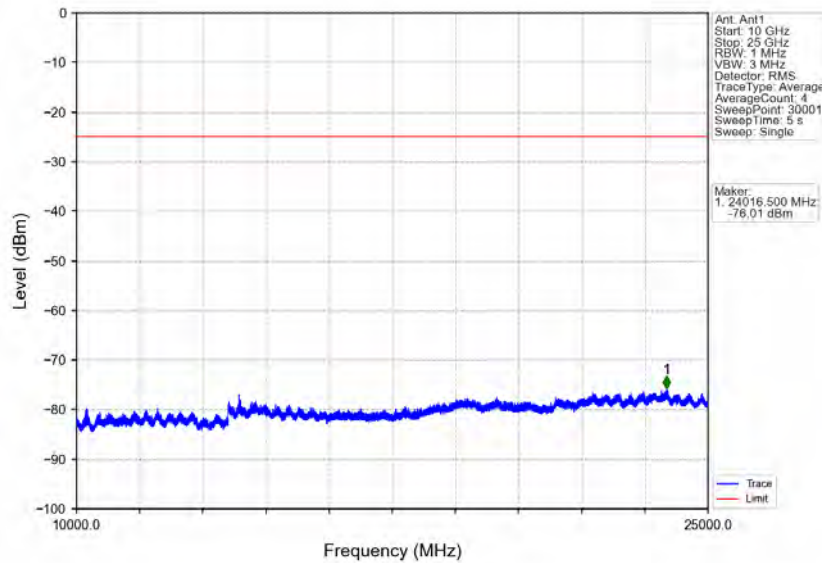
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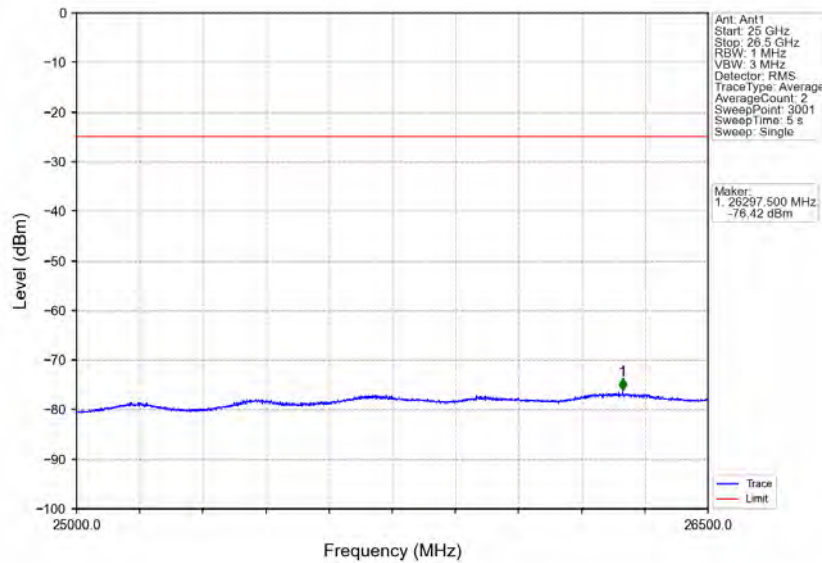
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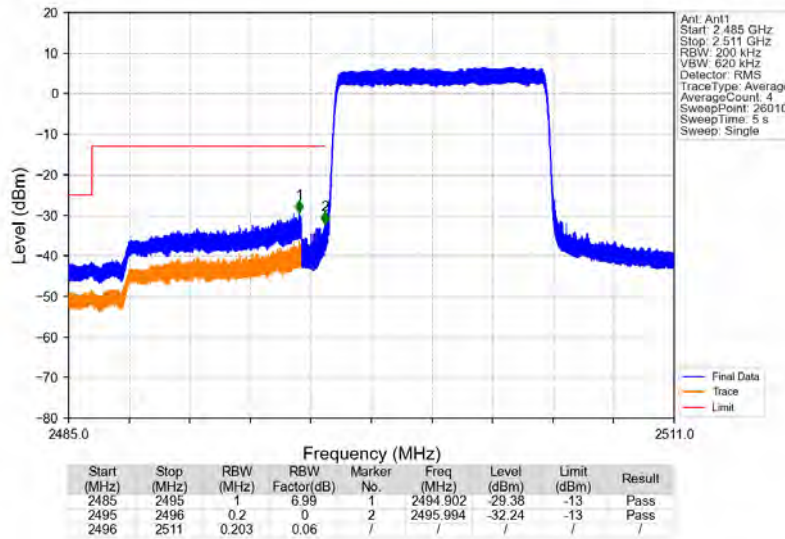
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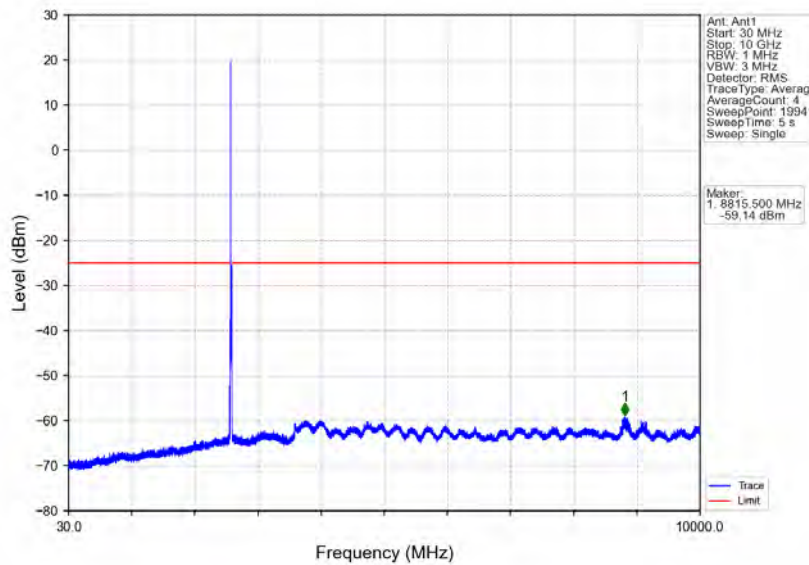
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Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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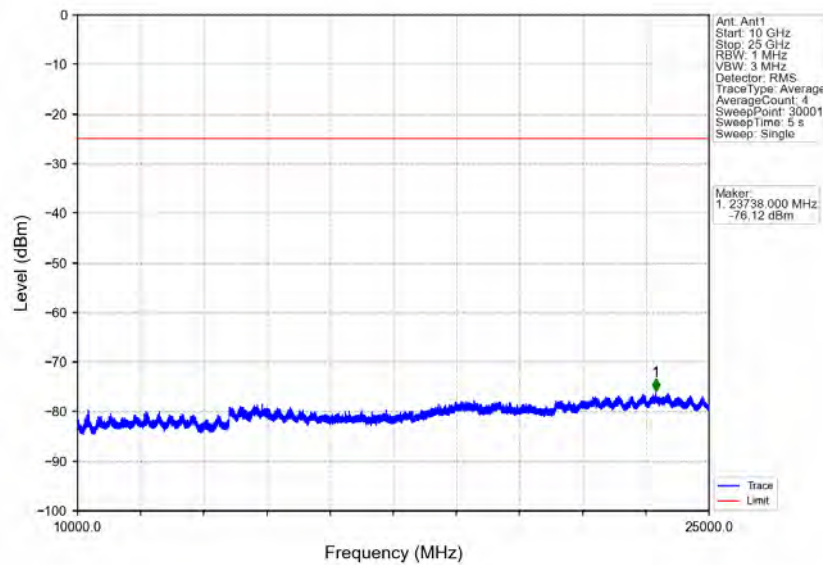
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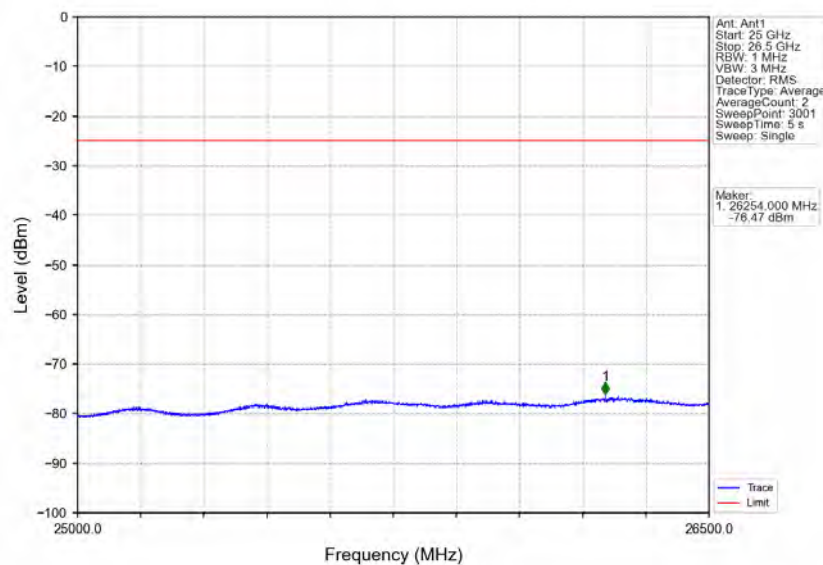
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Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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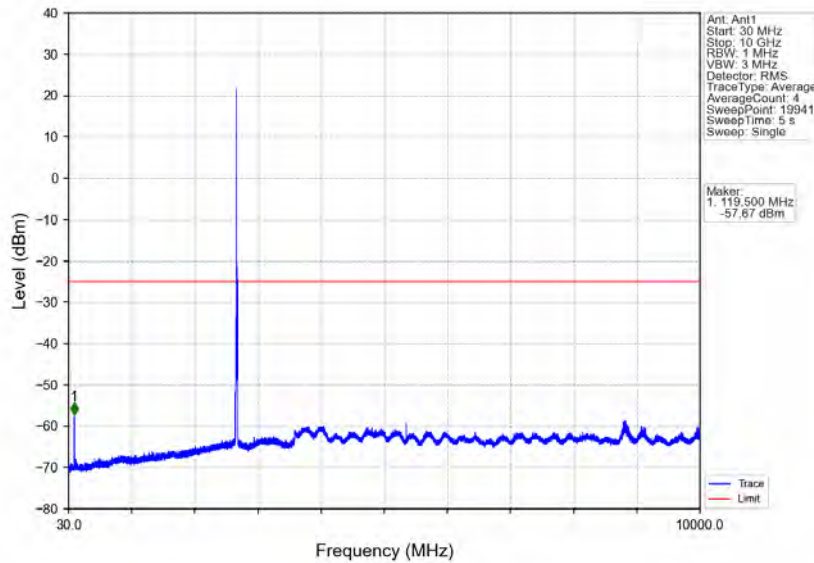
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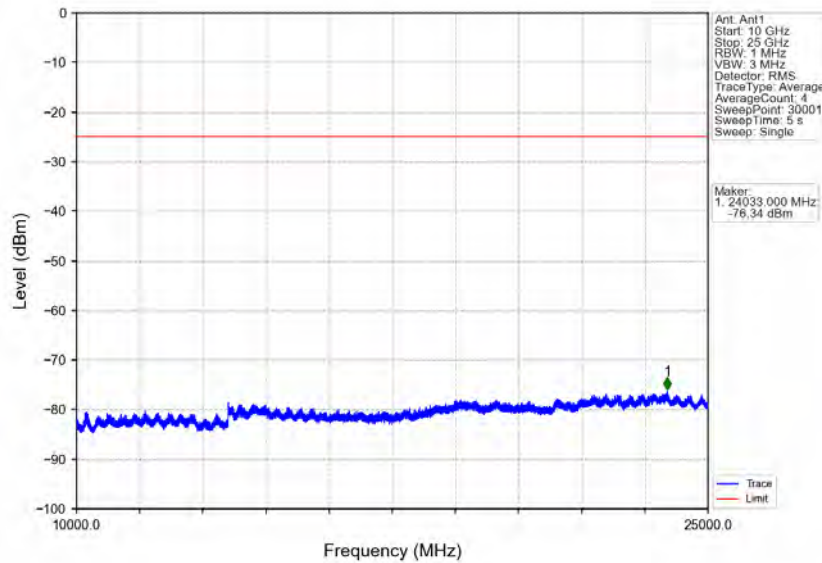
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Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



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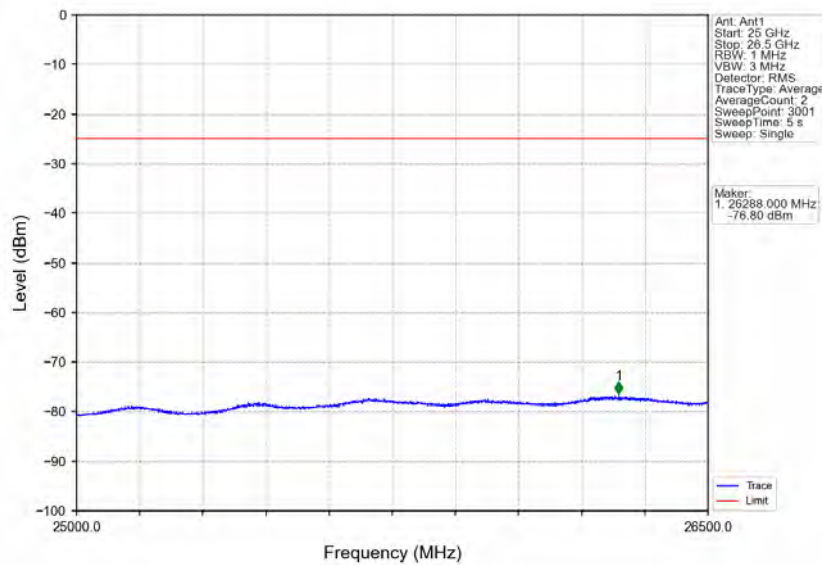
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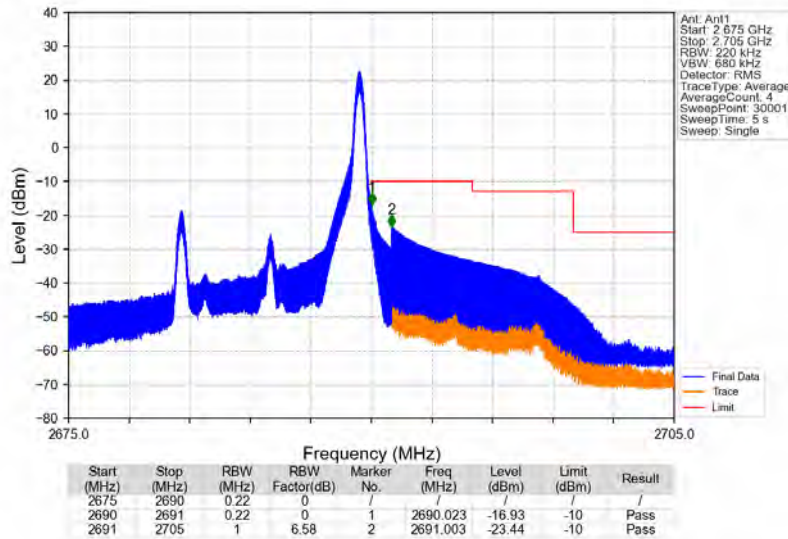
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Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



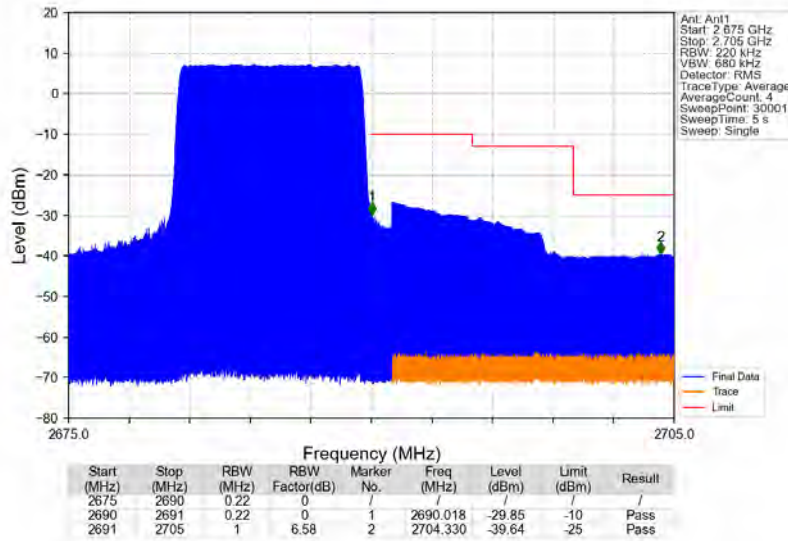
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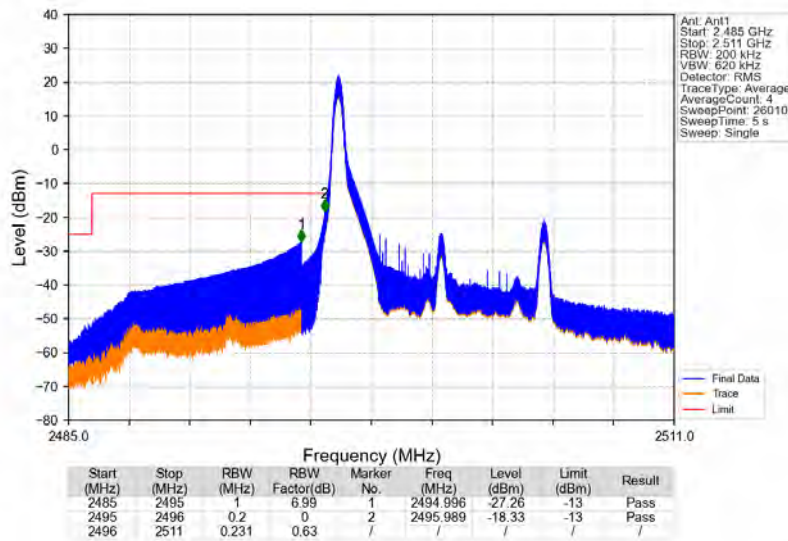
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Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



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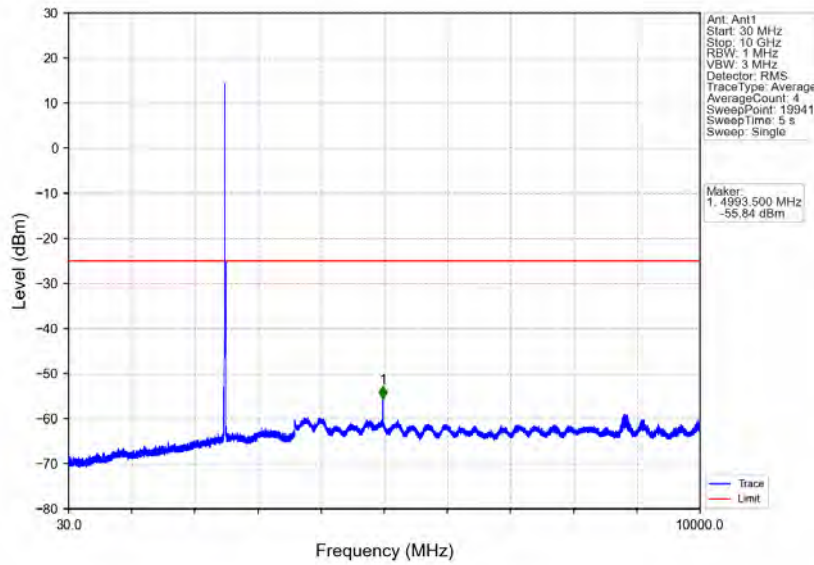
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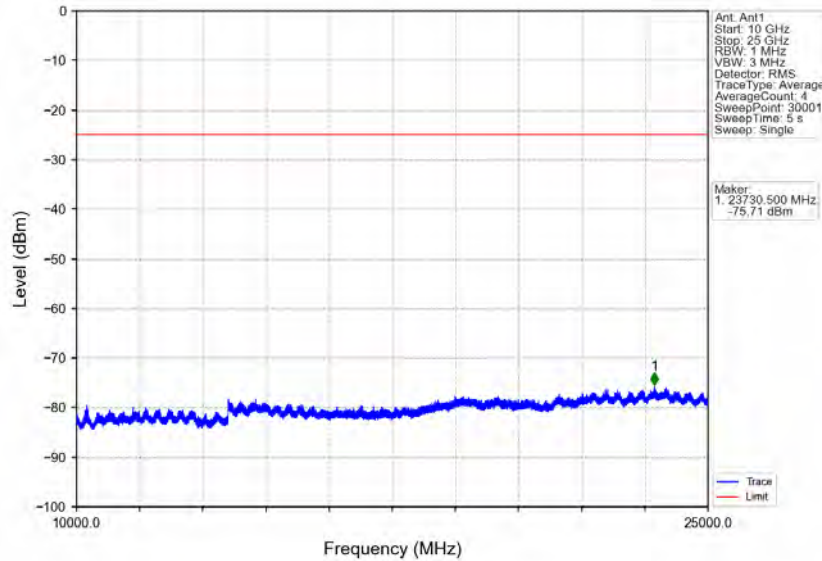
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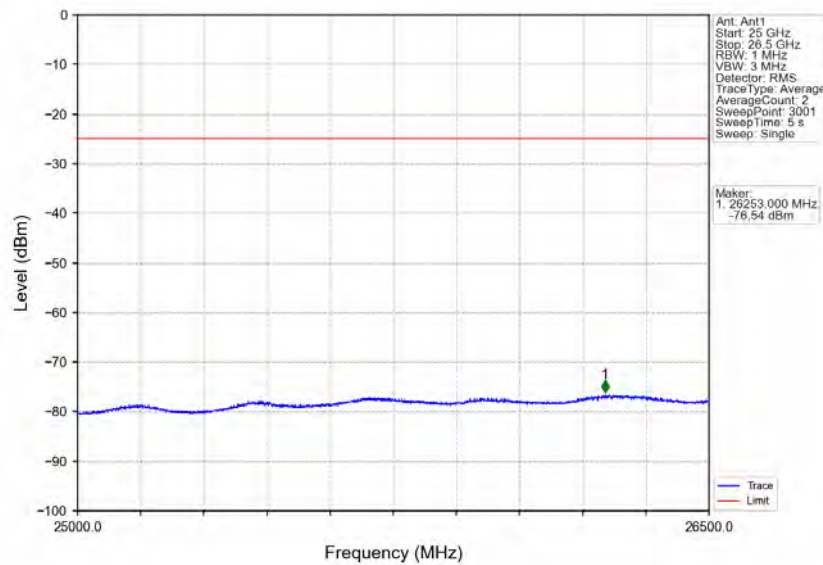
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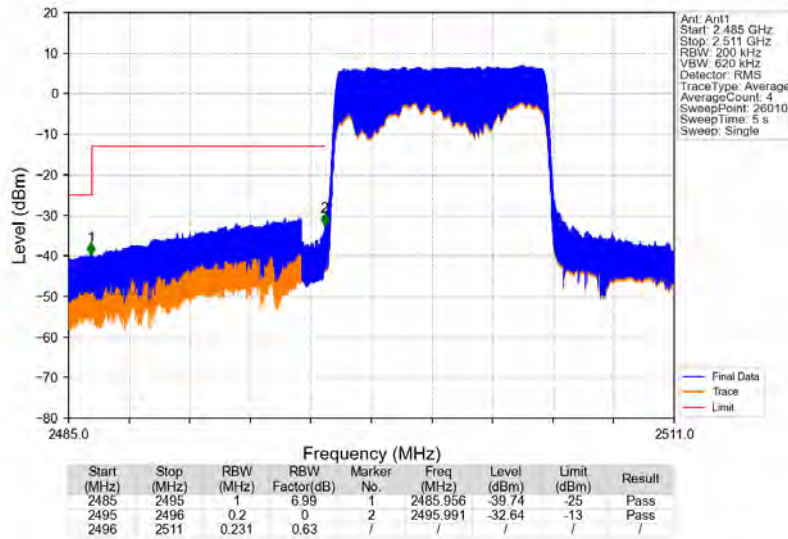
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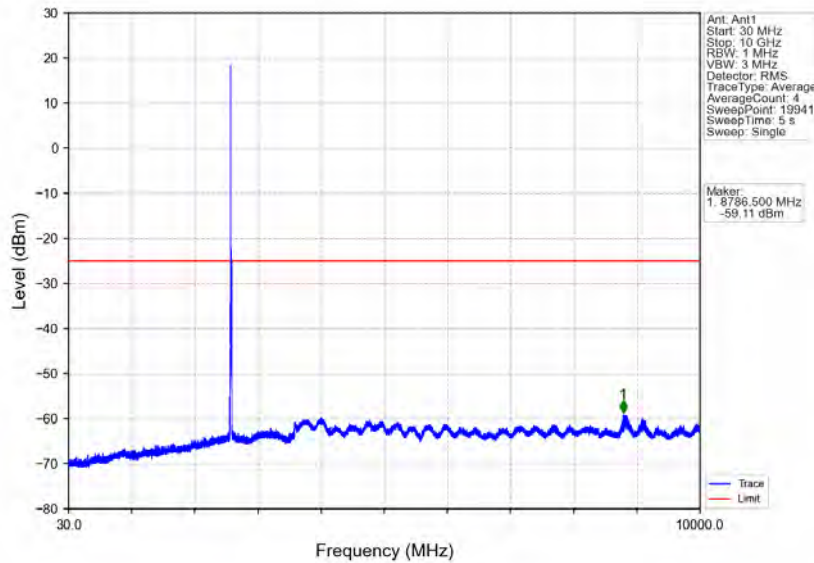
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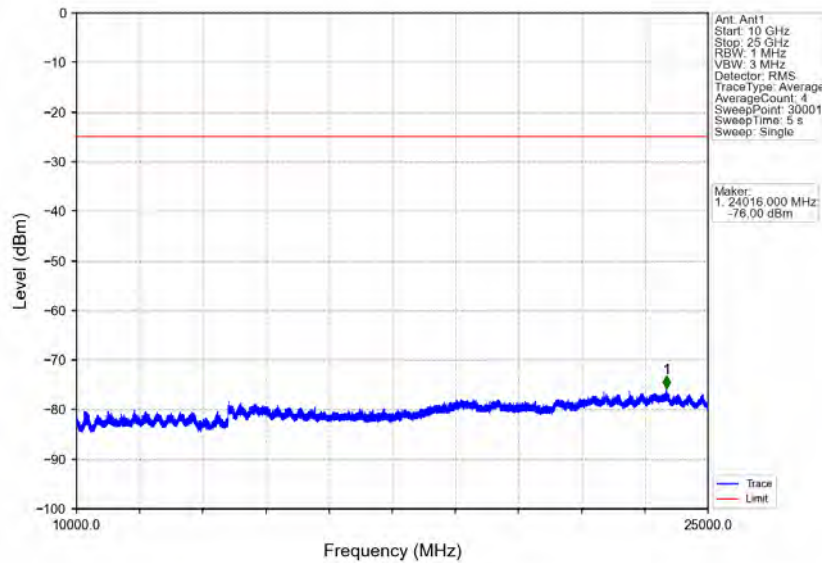
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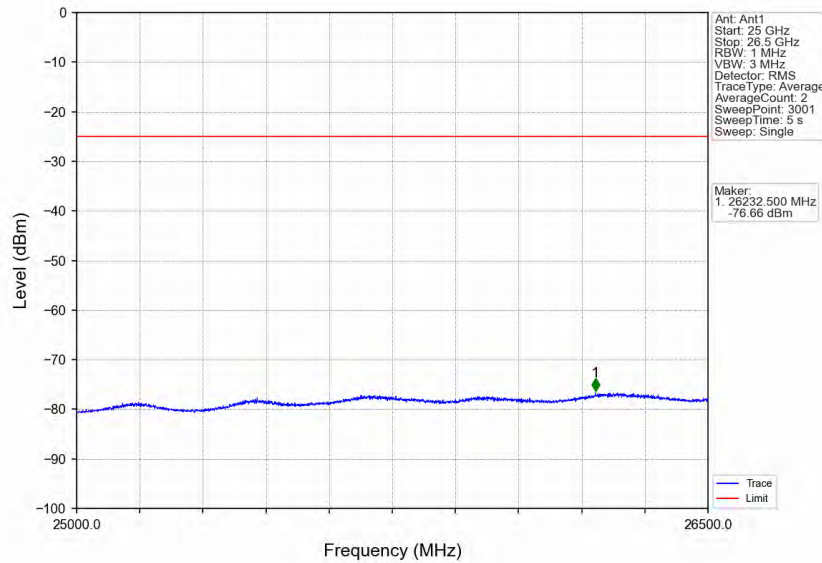
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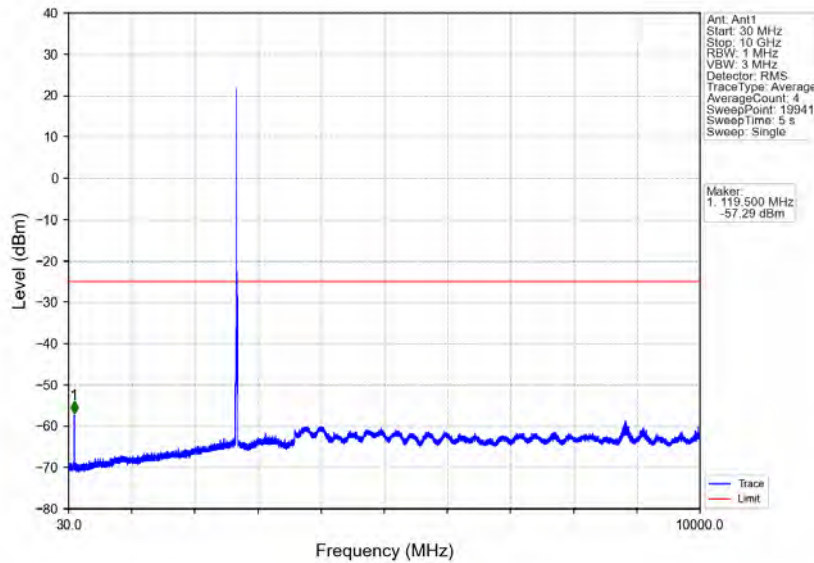
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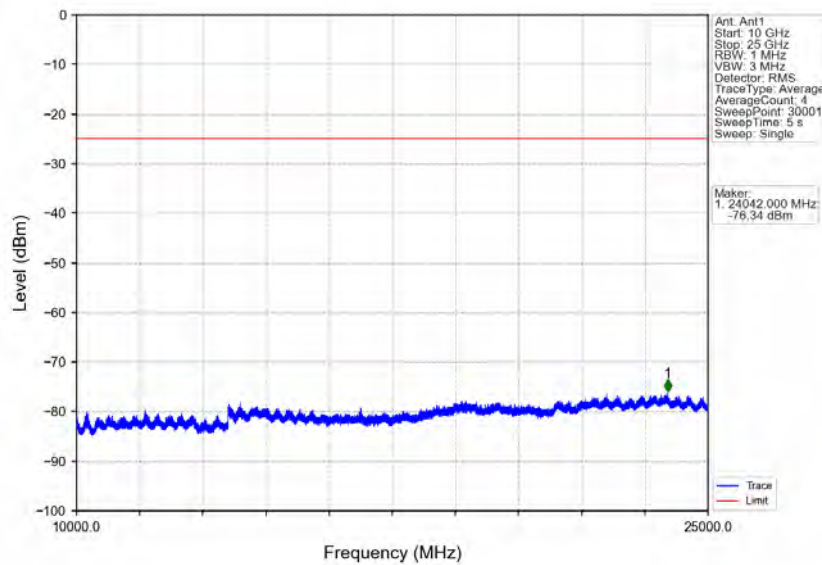
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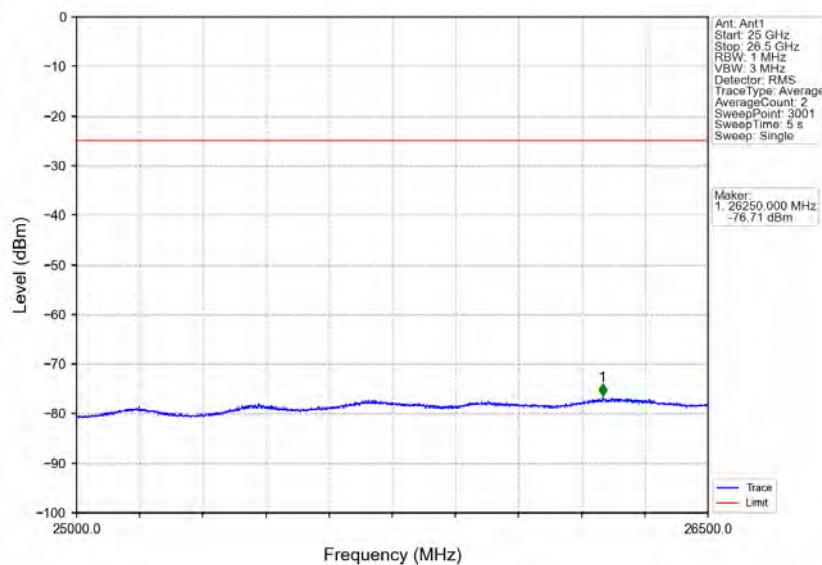
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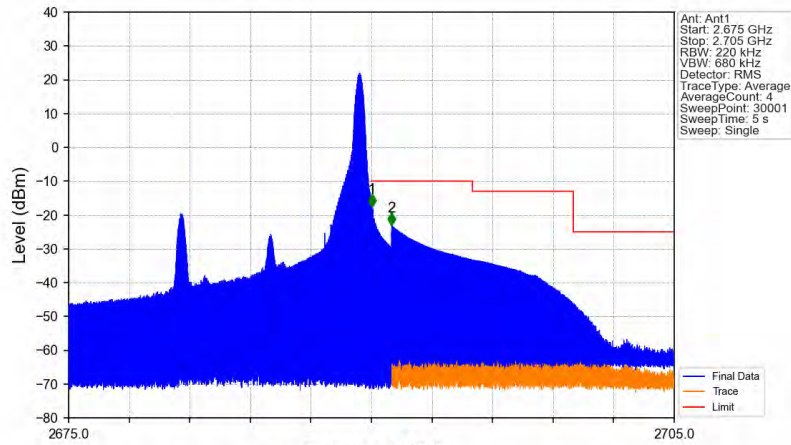
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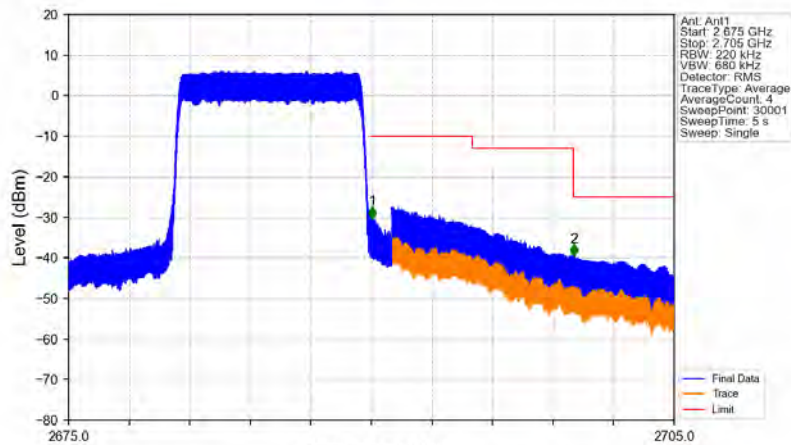


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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	0	/	/	/	/	/
2690	2691	0.22	0	1	2690.026	-17.59	-10	Pass
2691	2705	1	6.58	2	2691.007	-23.14	-10	Pass

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	0	/	/	/	/	/
2690	2691	0.22	0	1	2690.041	-30.37	-10	Pass
2691	2705	1	6.58	2	2700.033	-39.61	-25	Pass



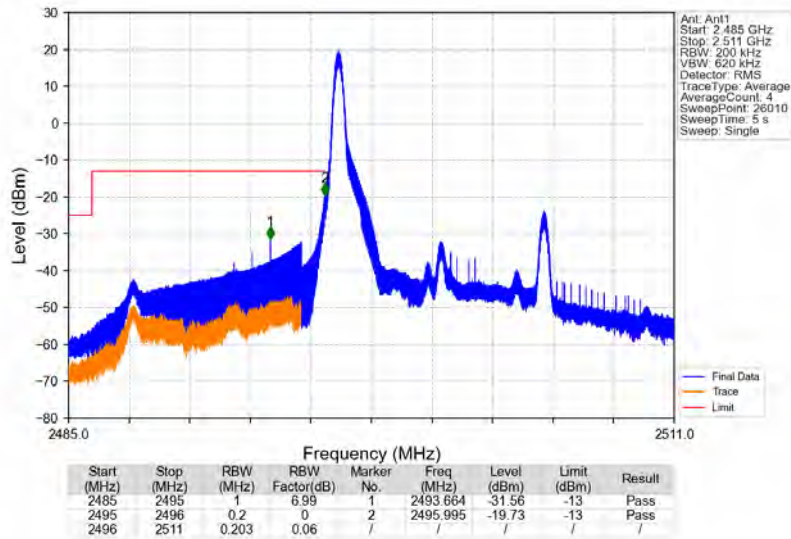
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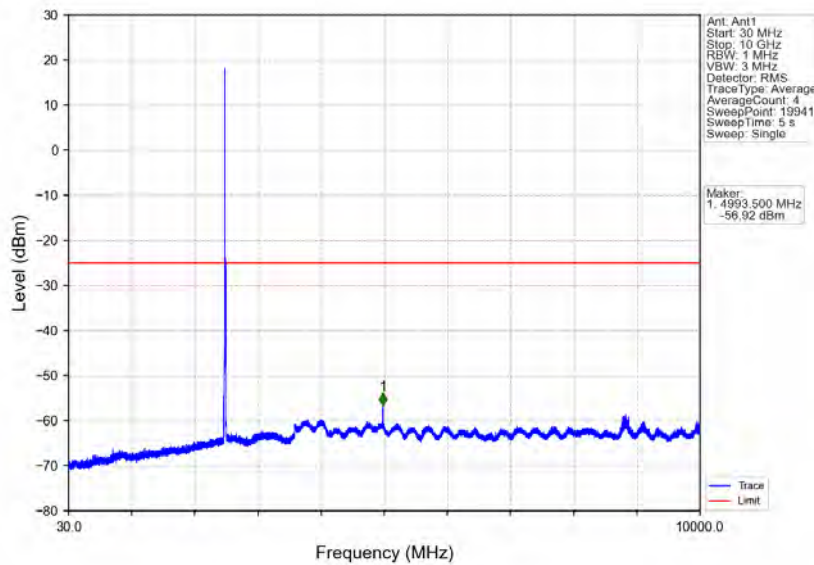
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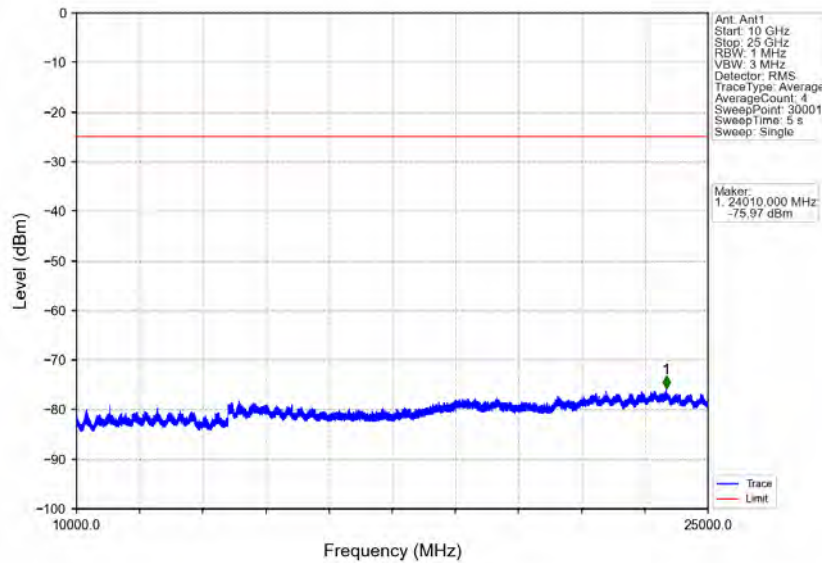
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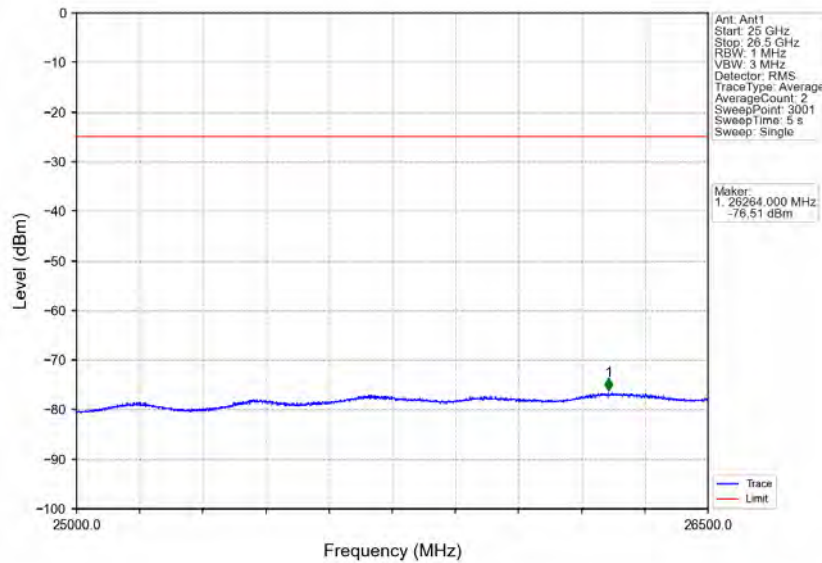
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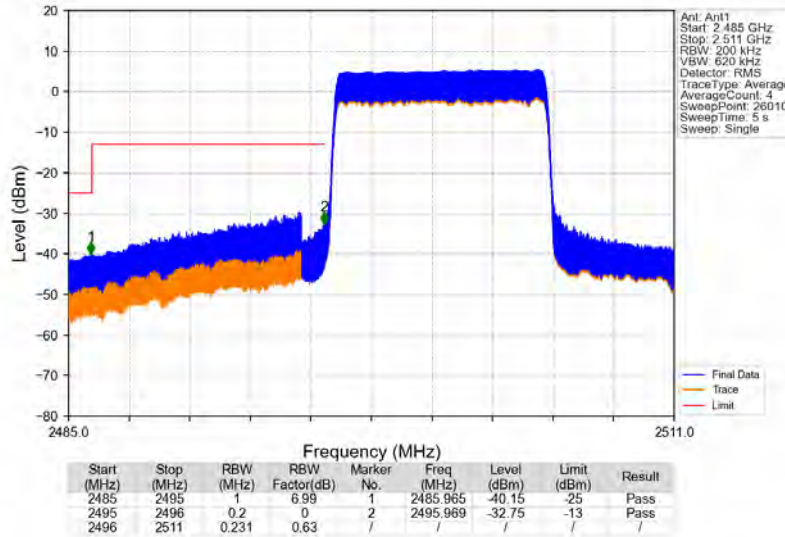
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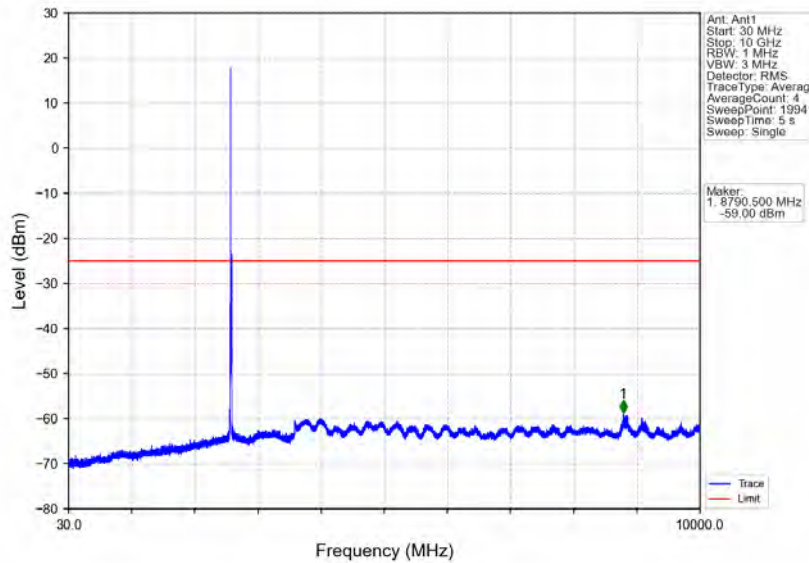
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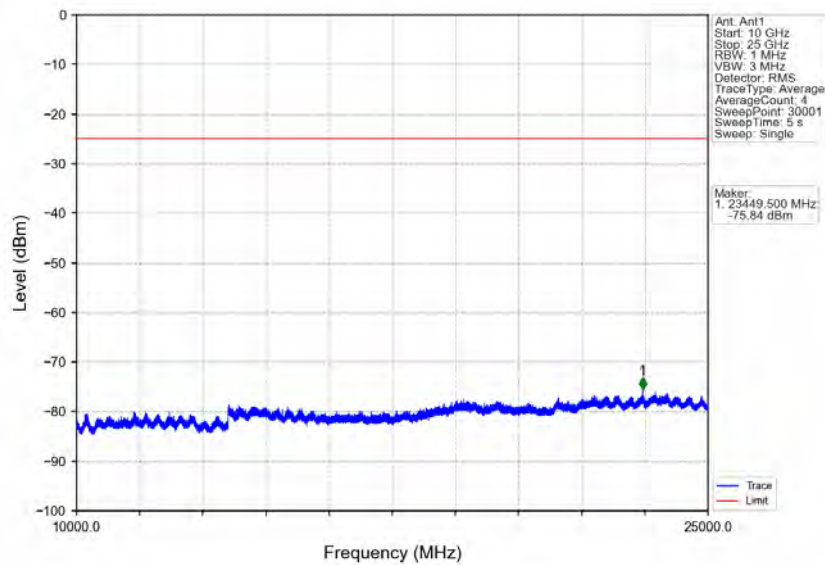
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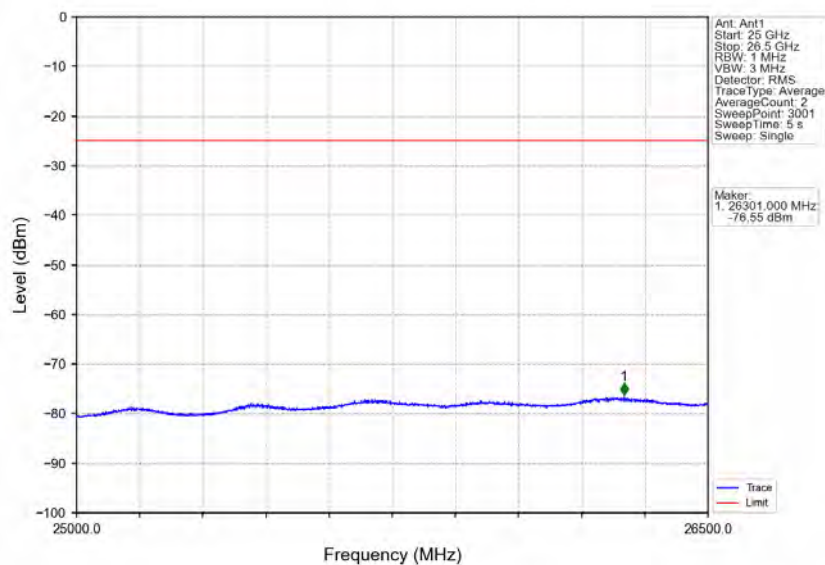


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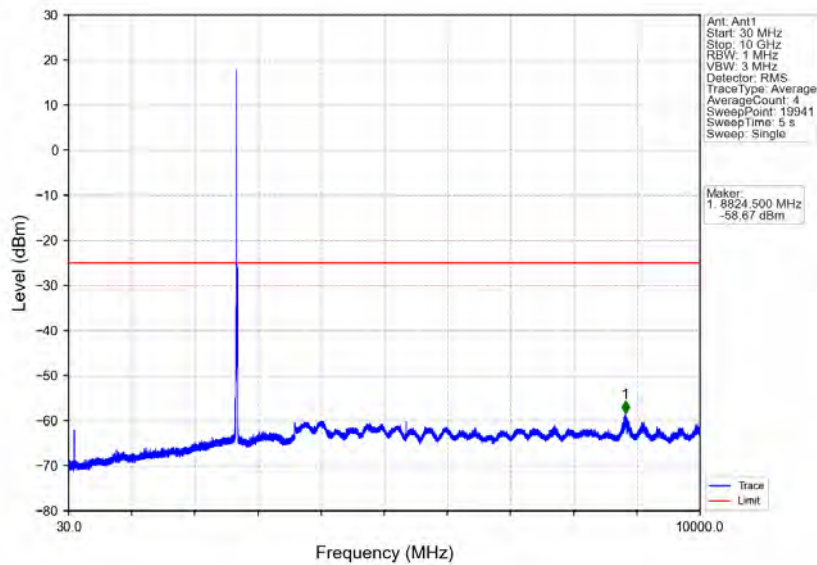
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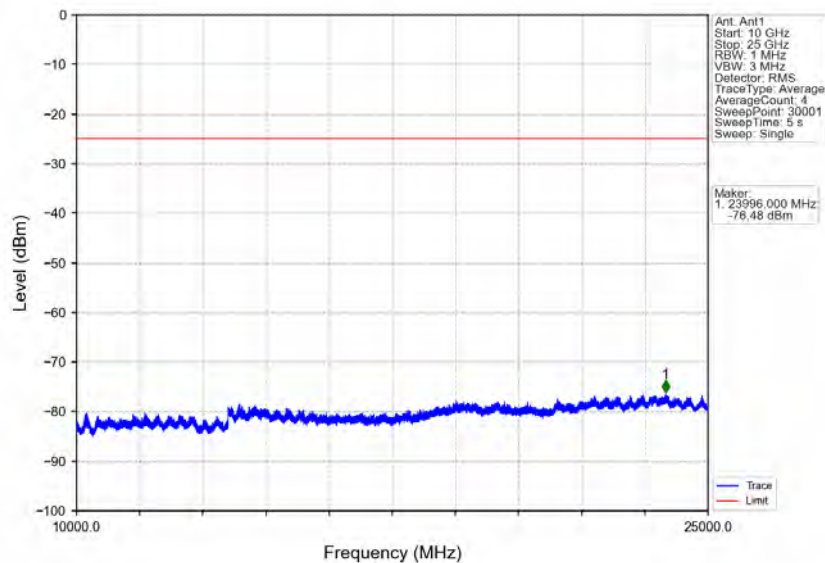
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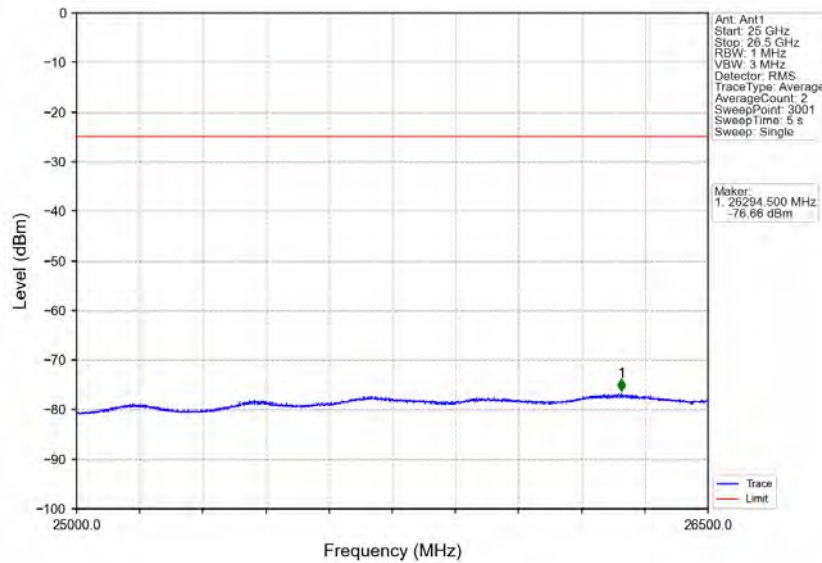
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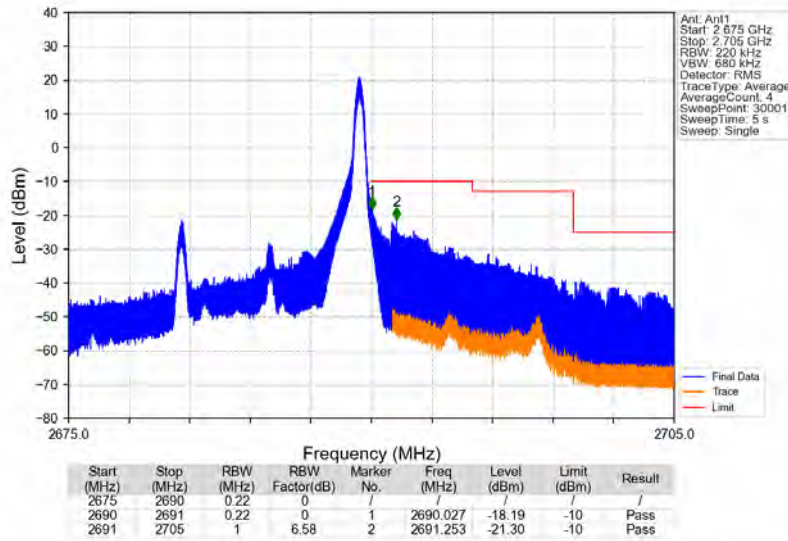
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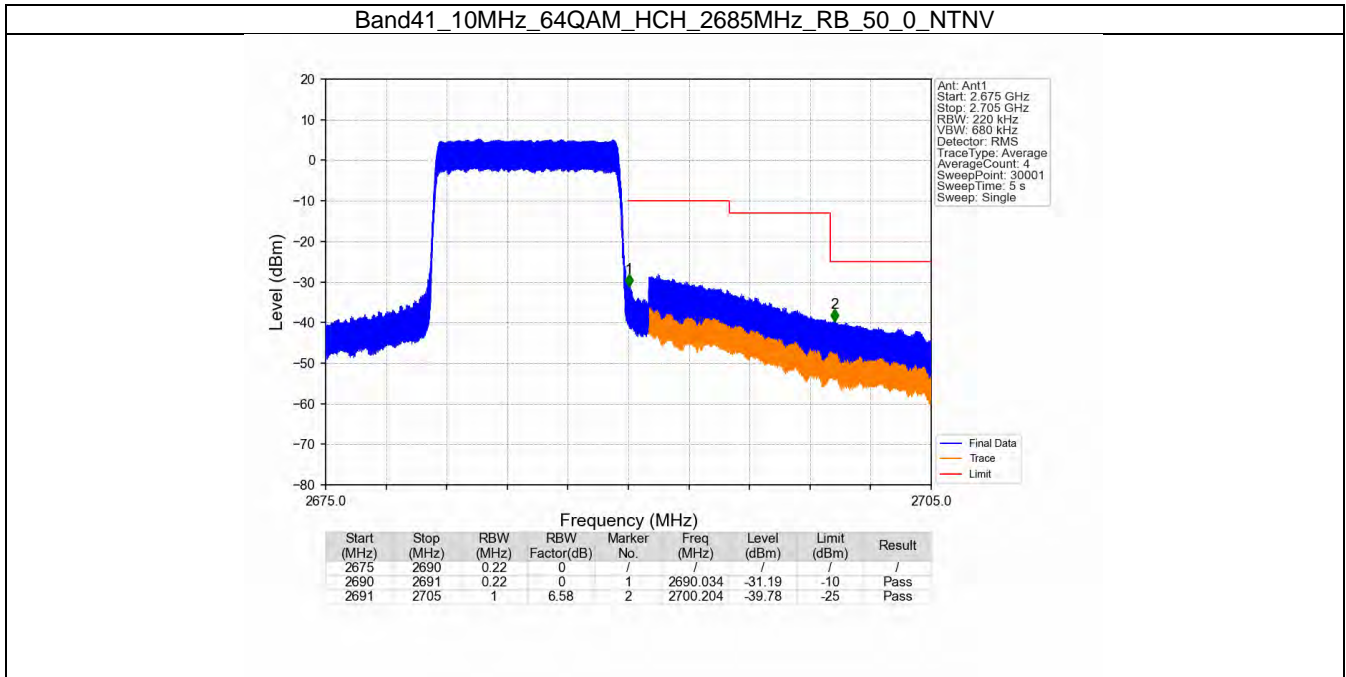


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6.3 B41_15MHz

6.3.1 Test Result

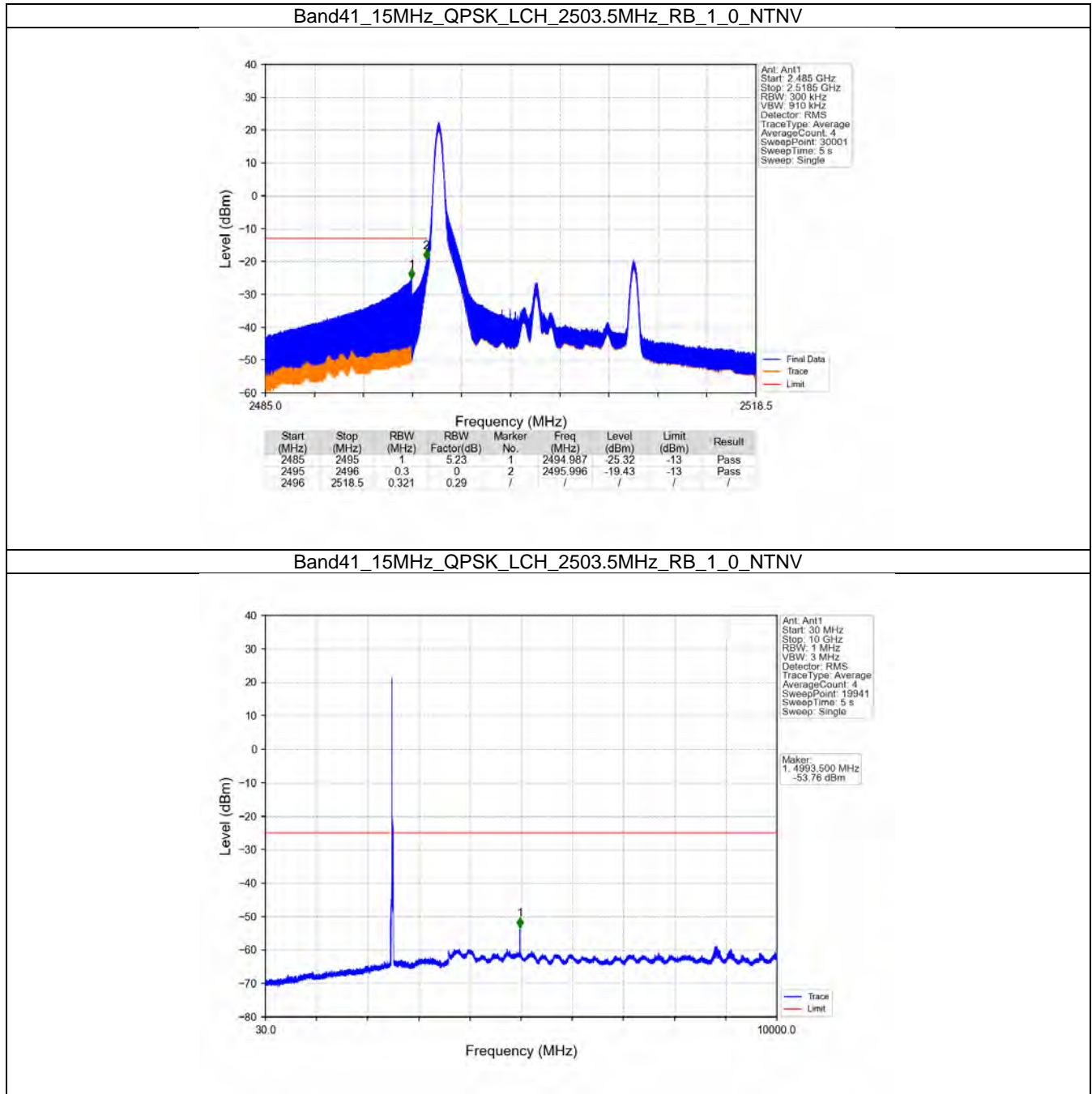
Band: 41 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass



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6.3.2 Test Graph

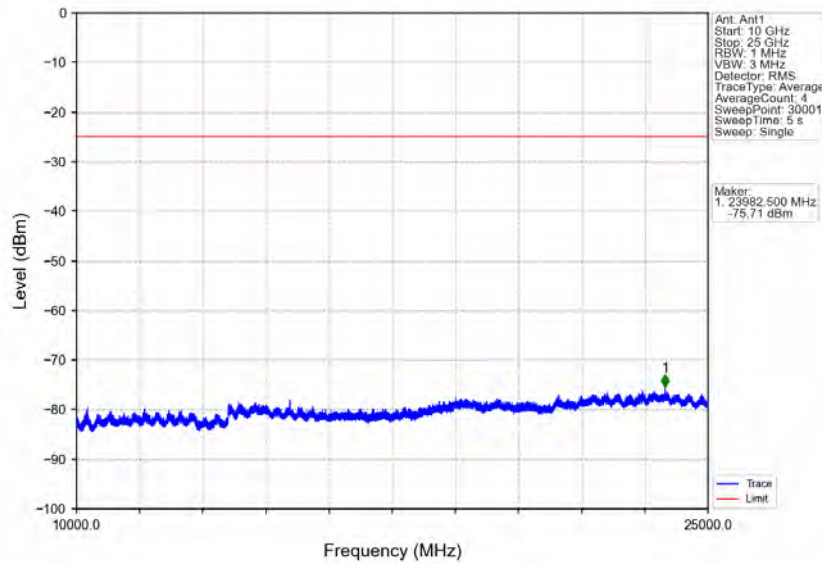


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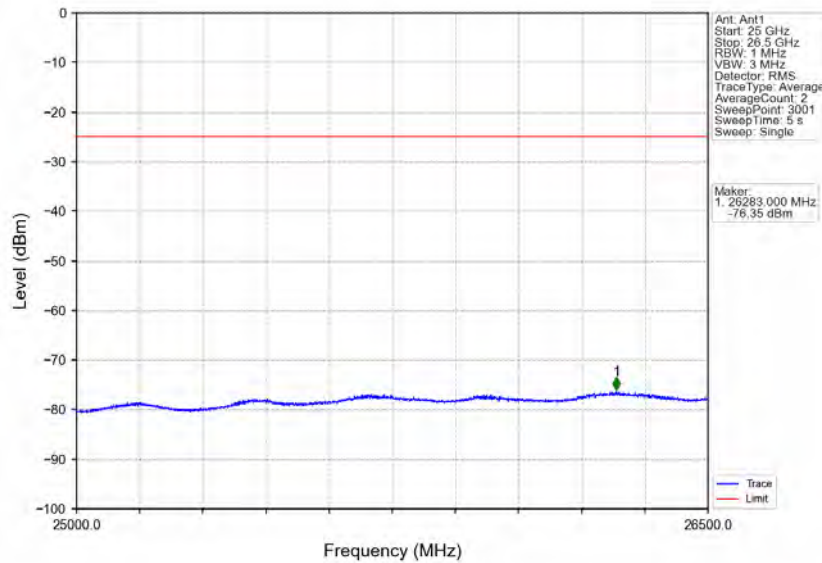
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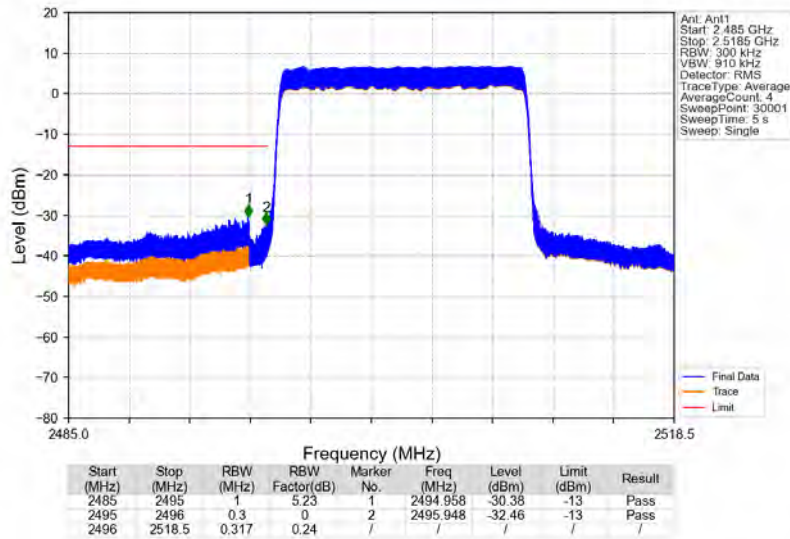
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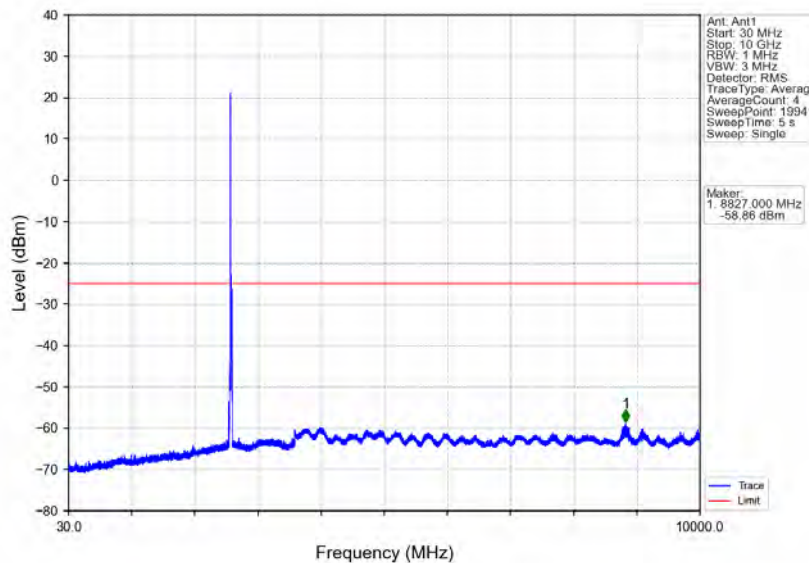
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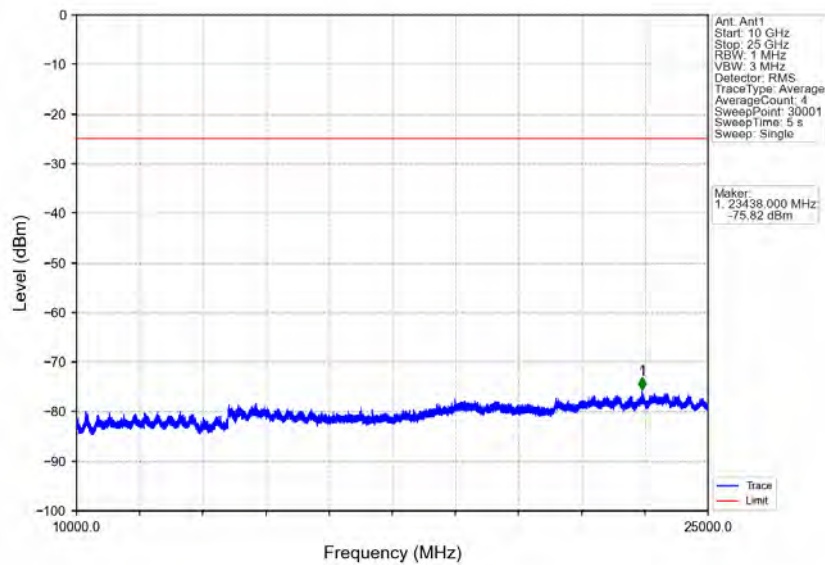
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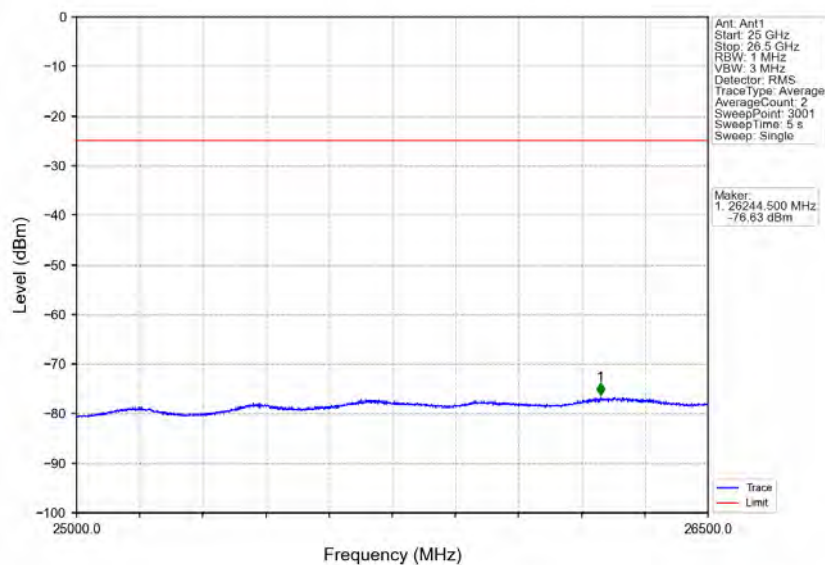


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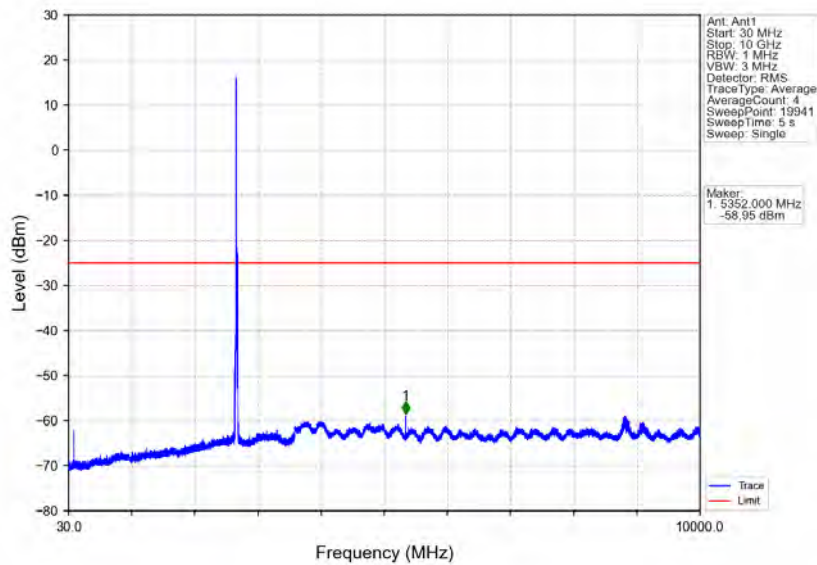
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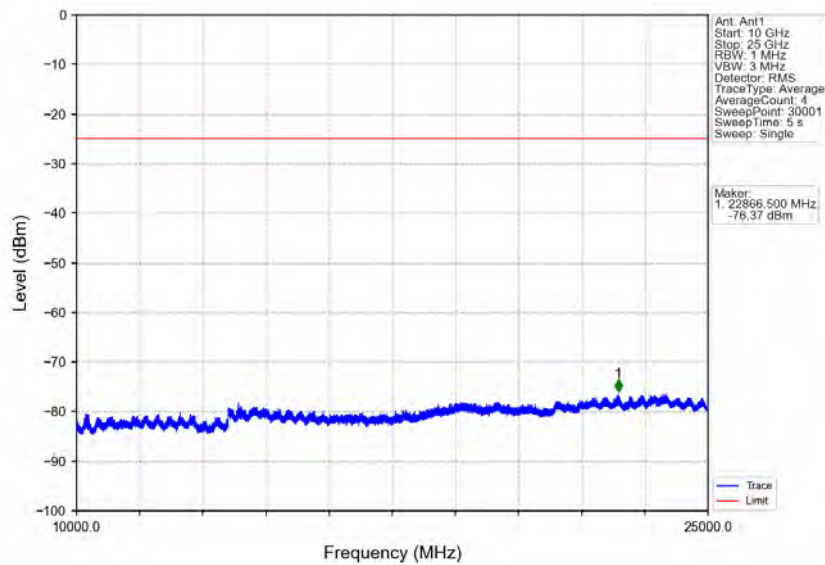
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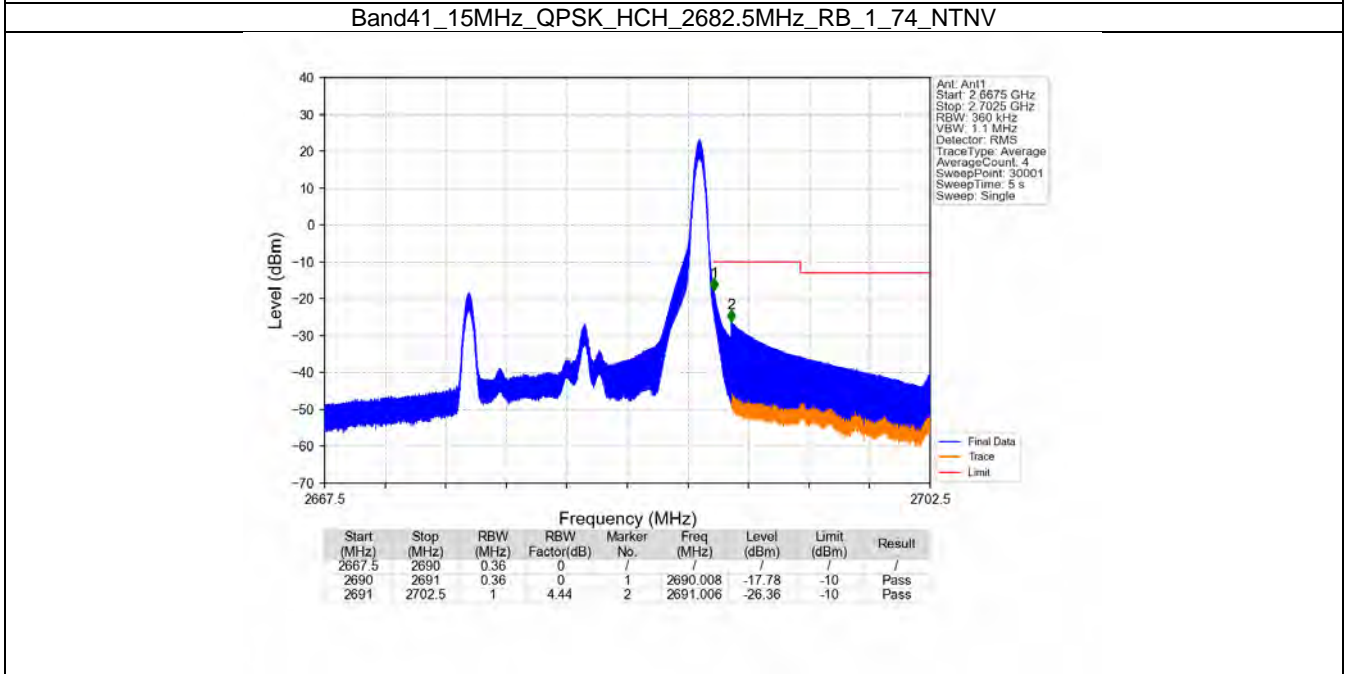
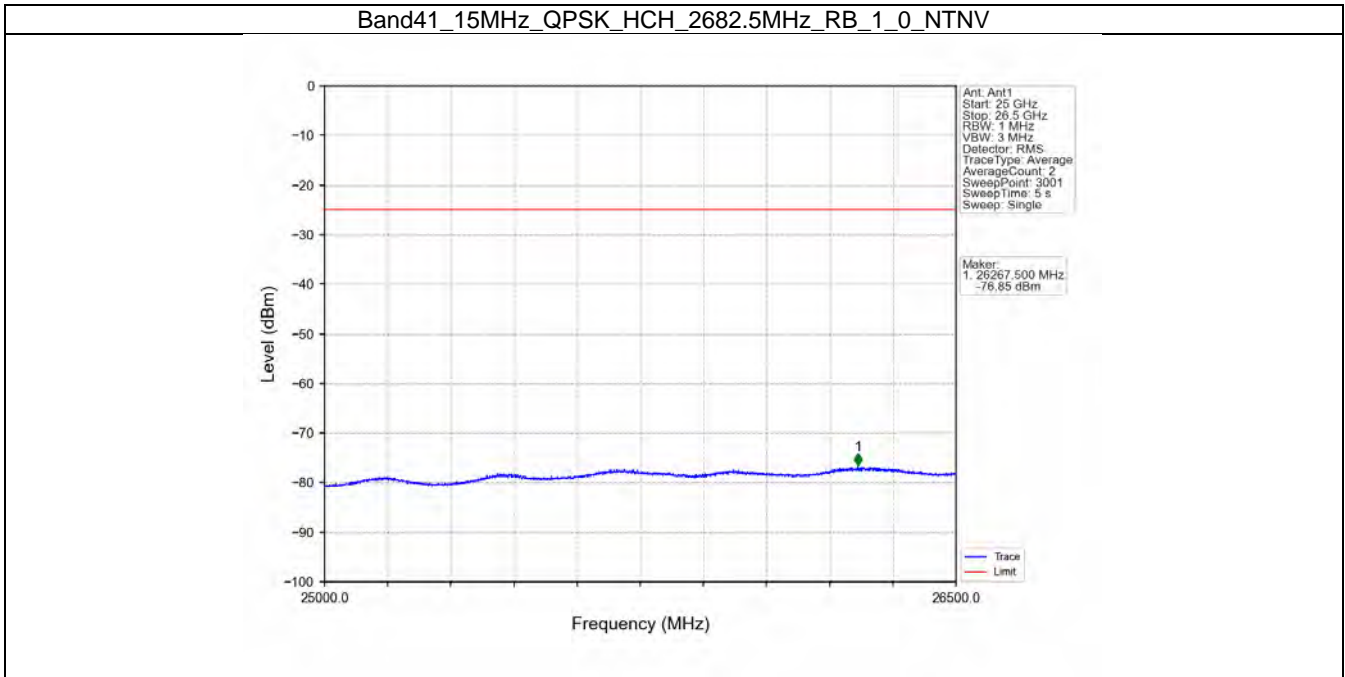
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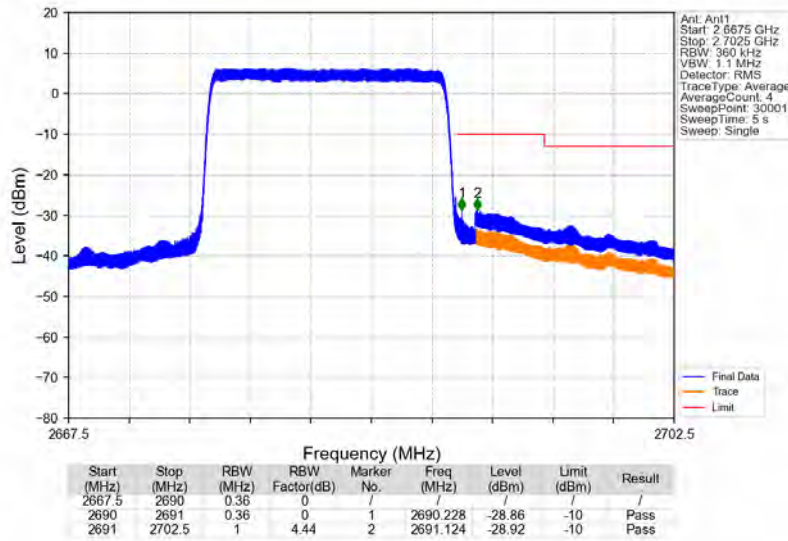
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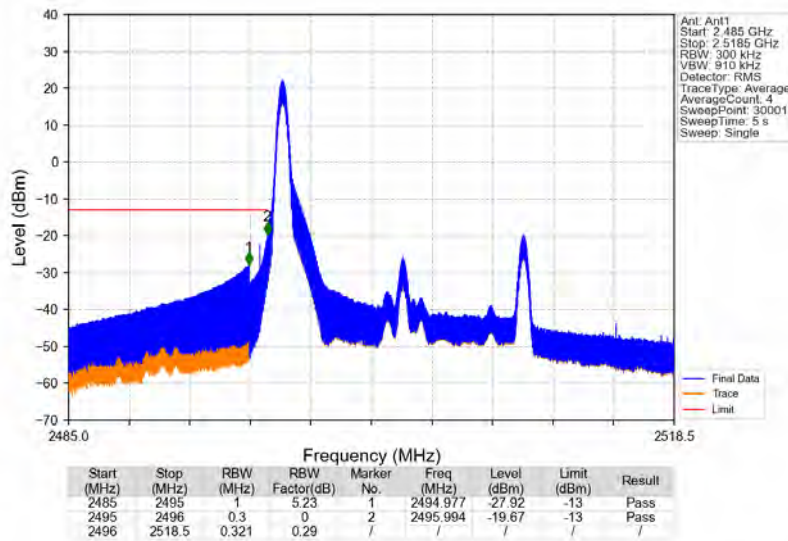
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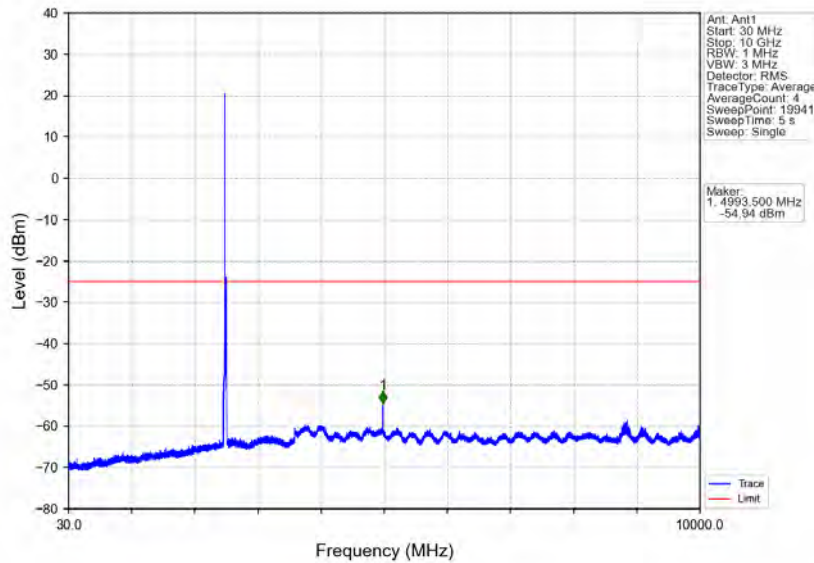
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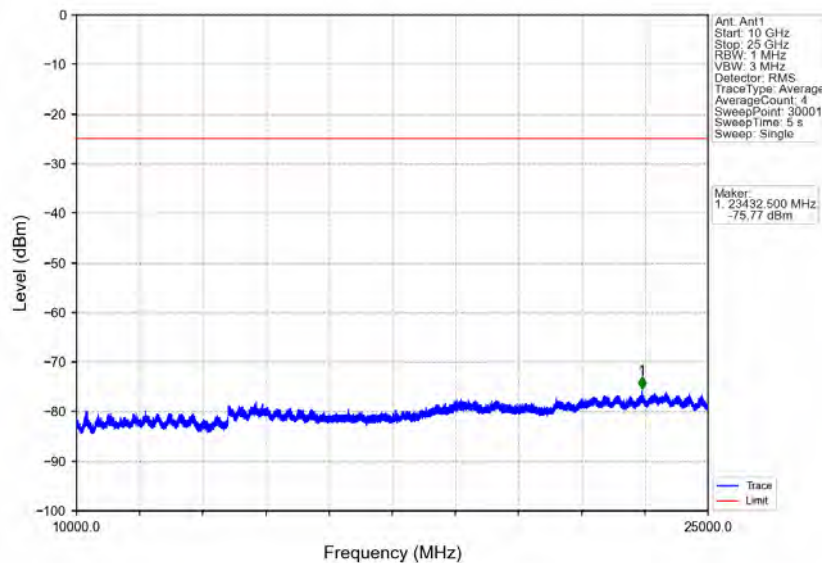
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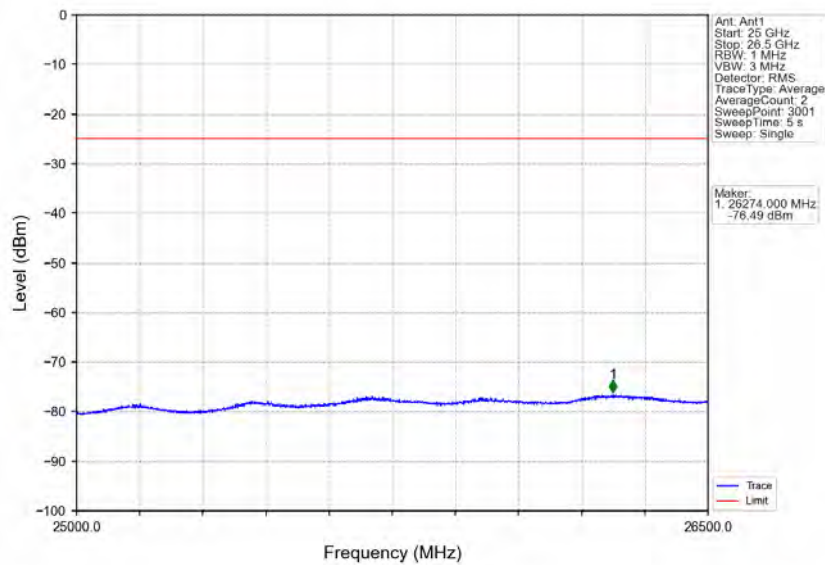
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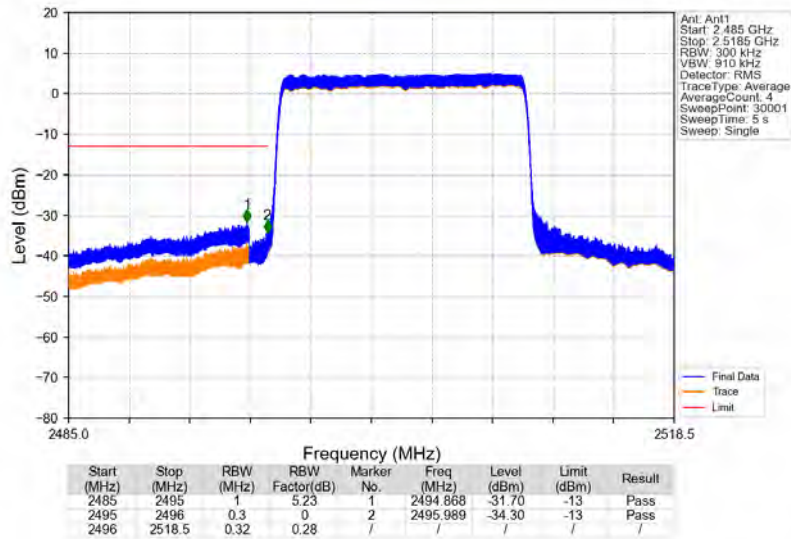
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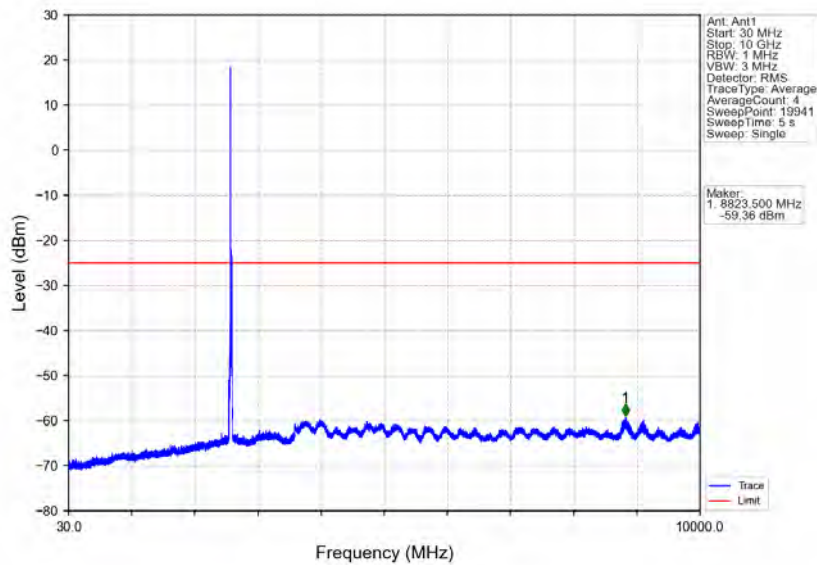
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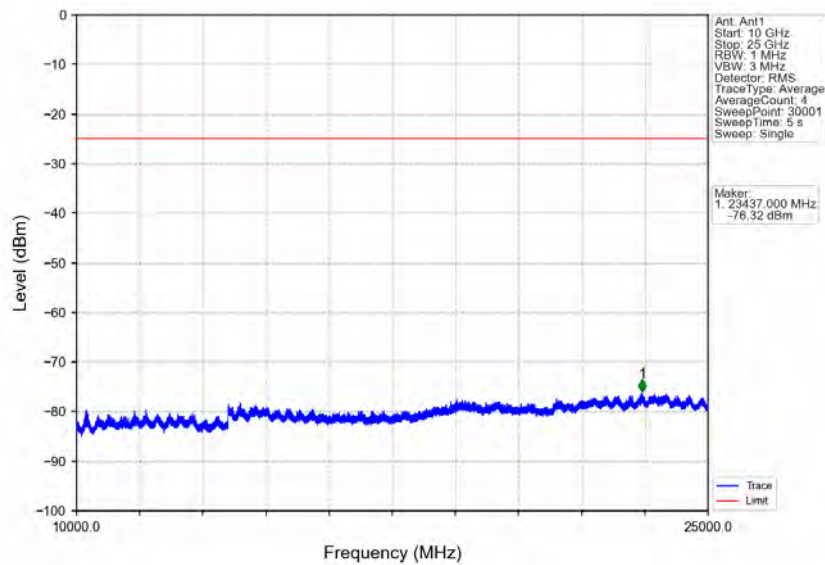
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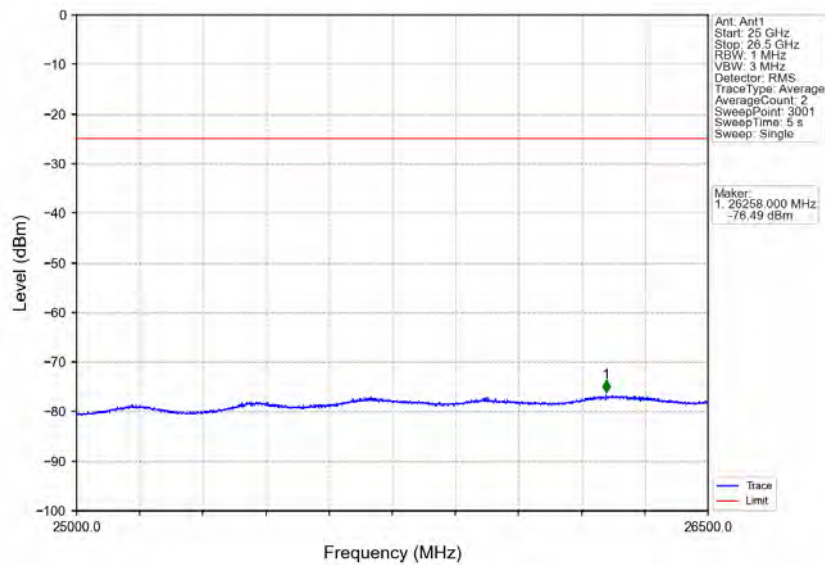
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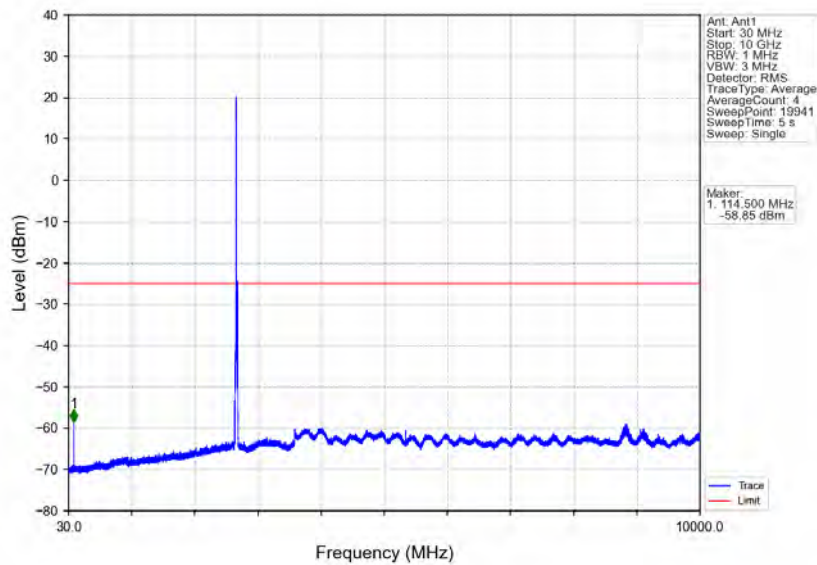
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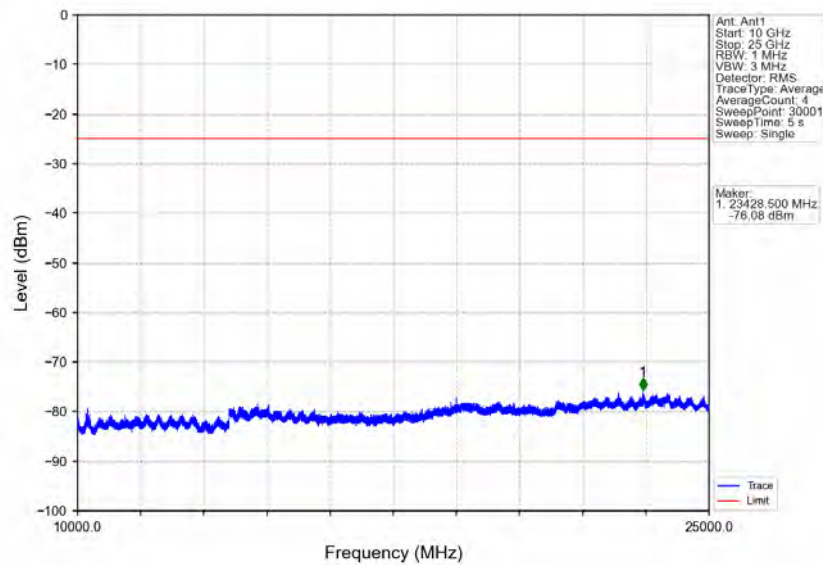
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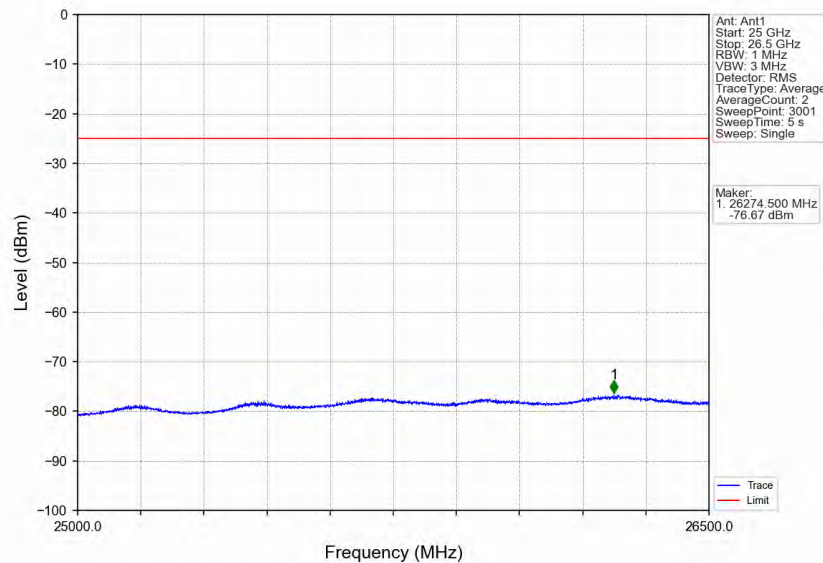
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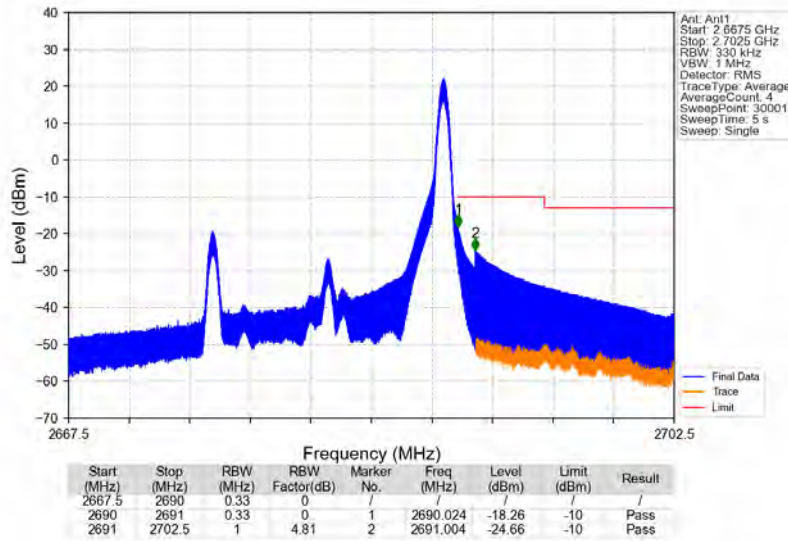
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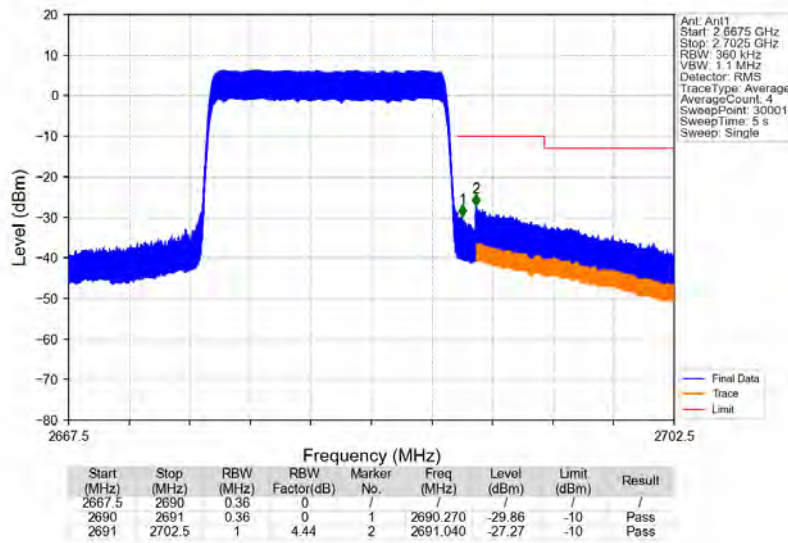
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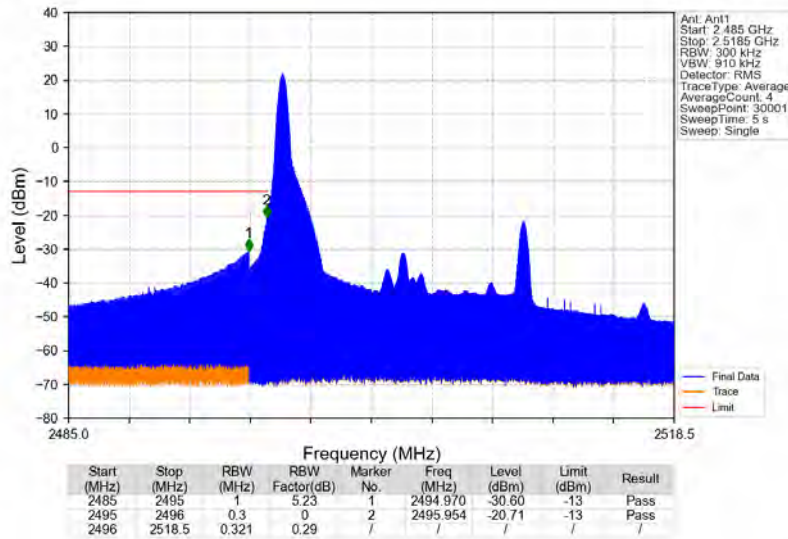
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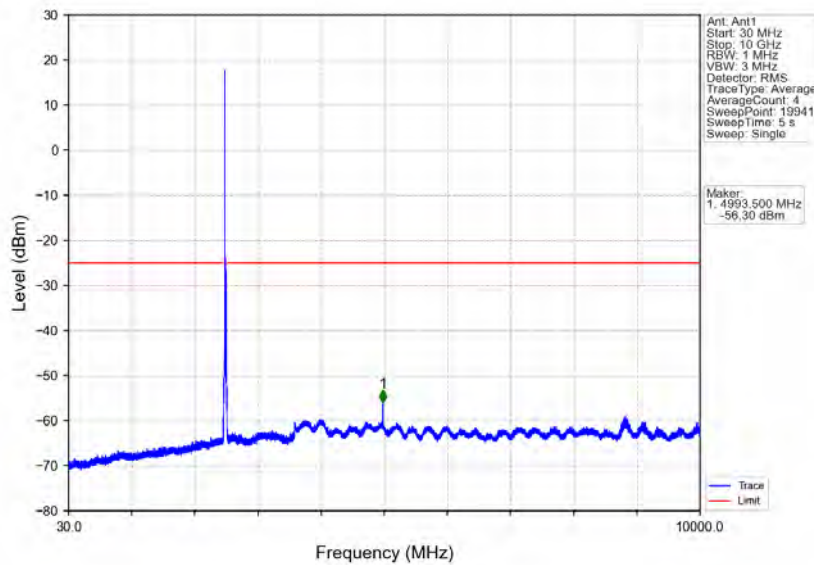
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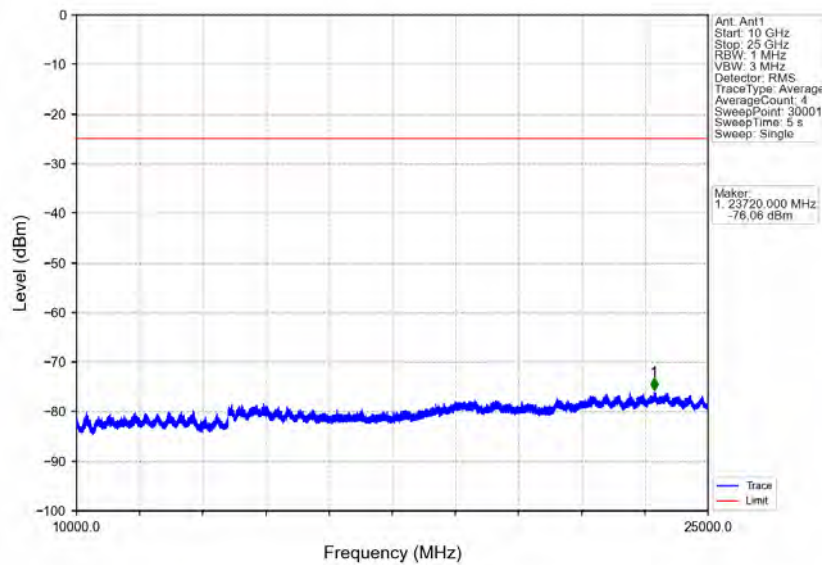
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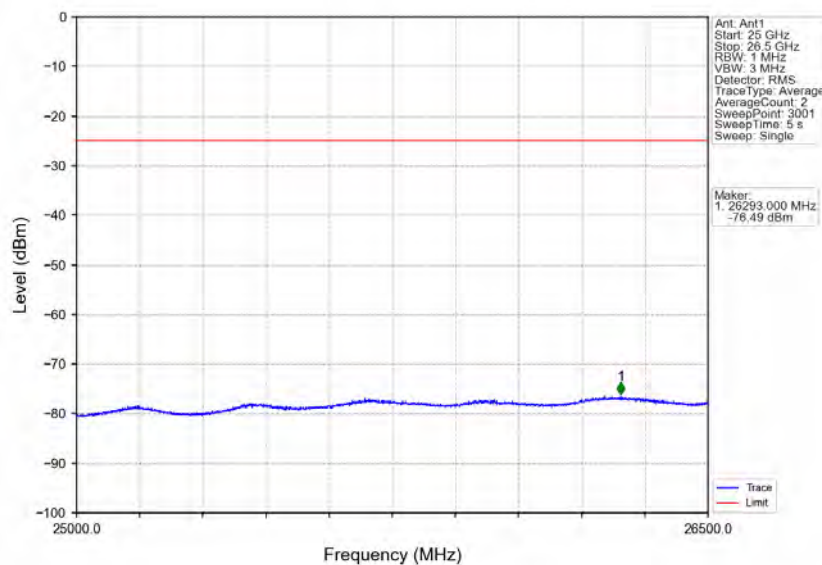


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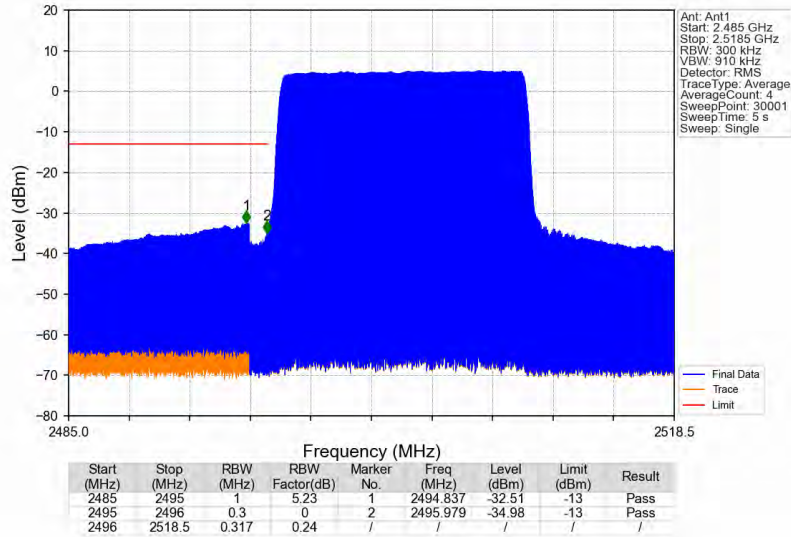
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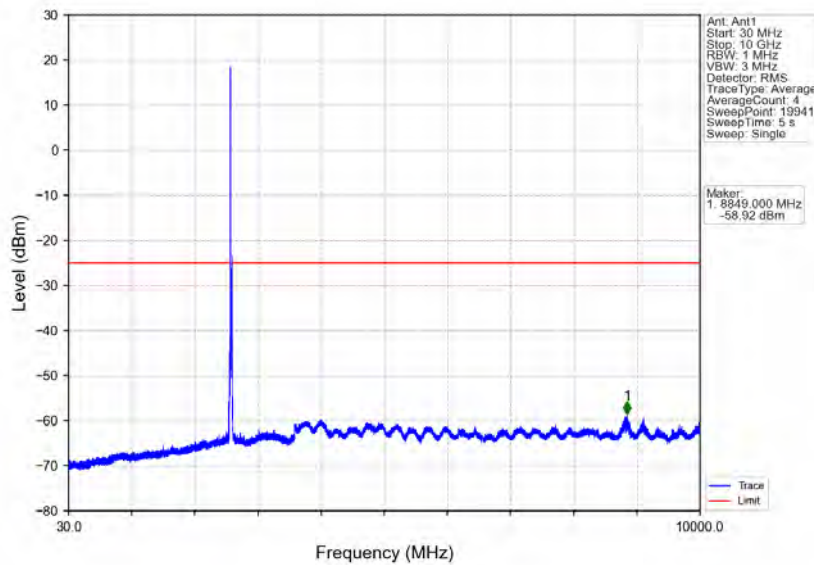
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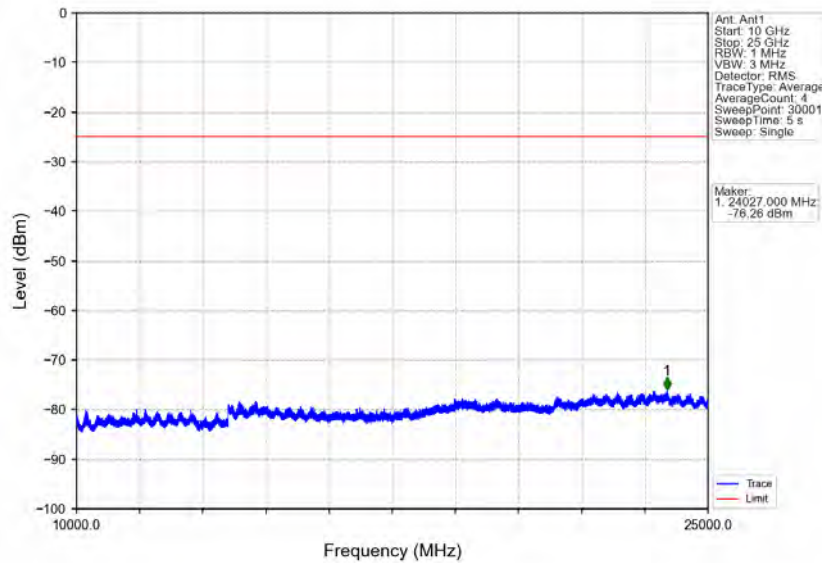
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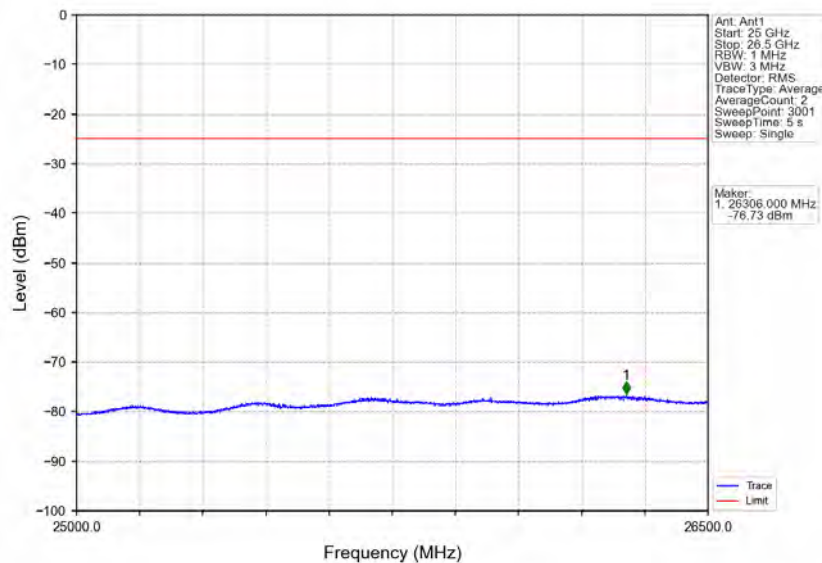


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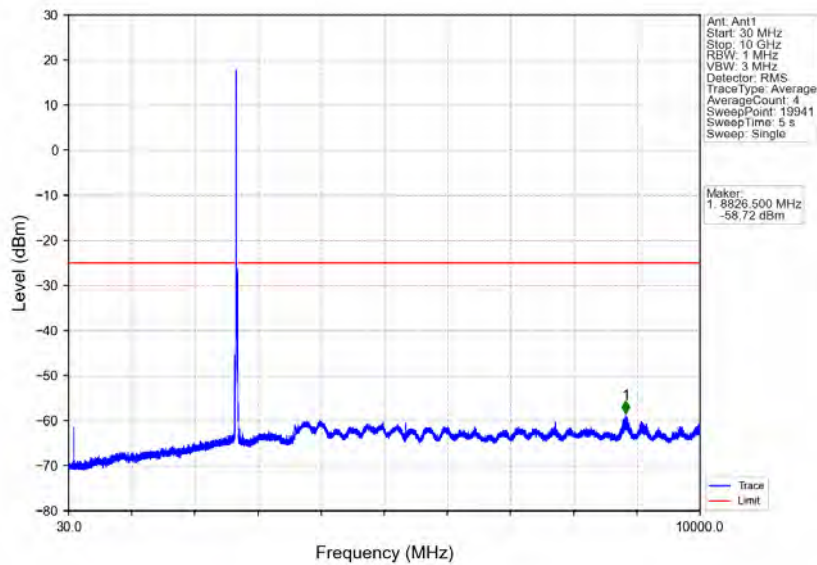
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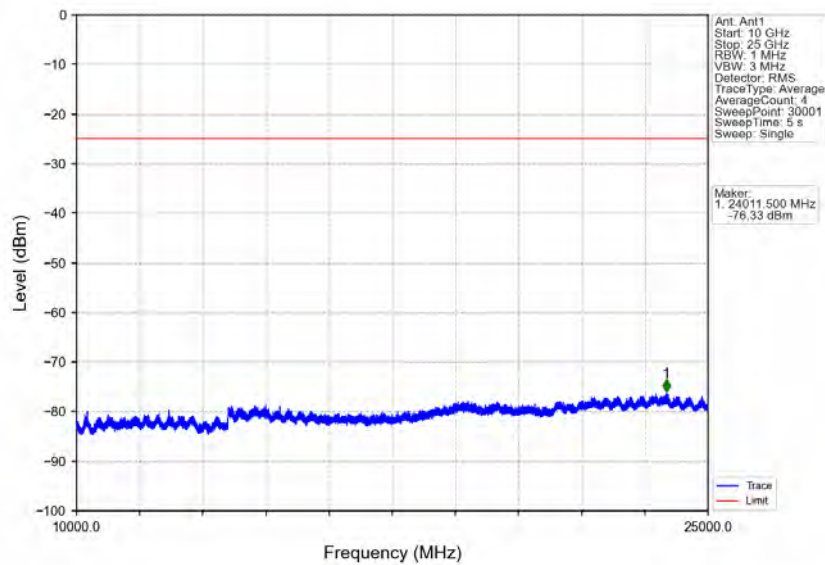
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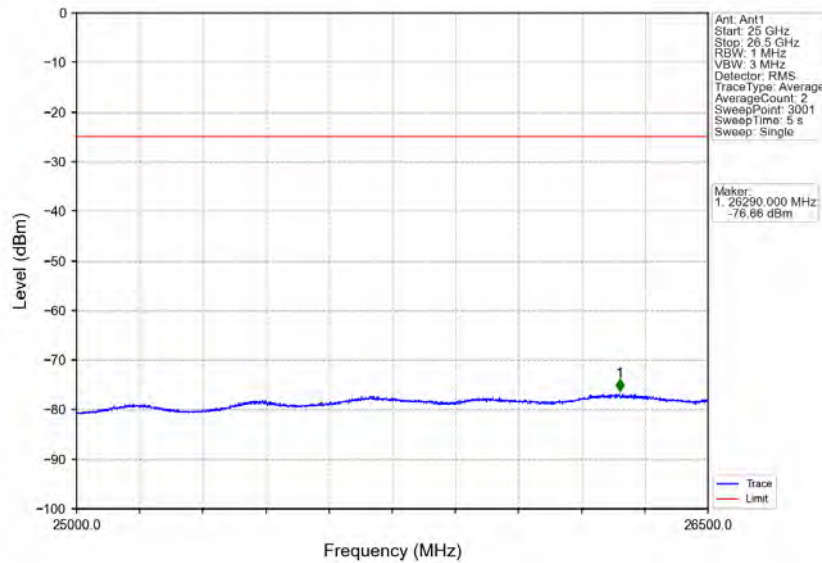
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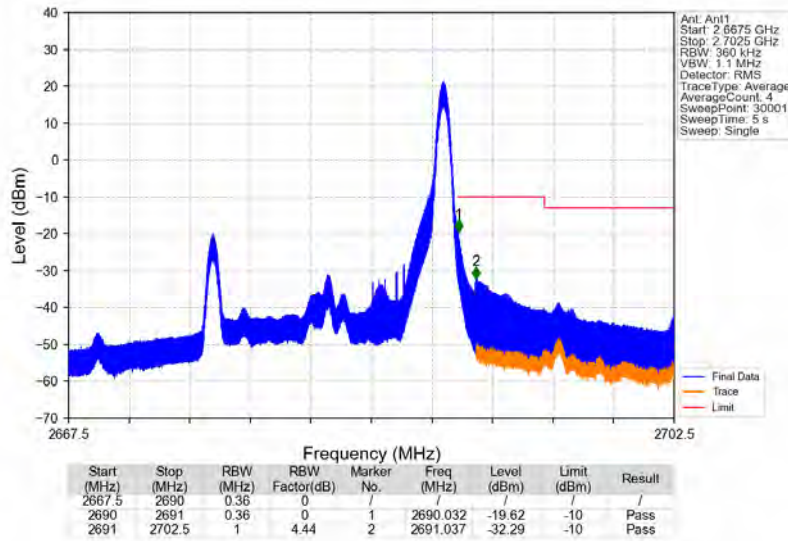
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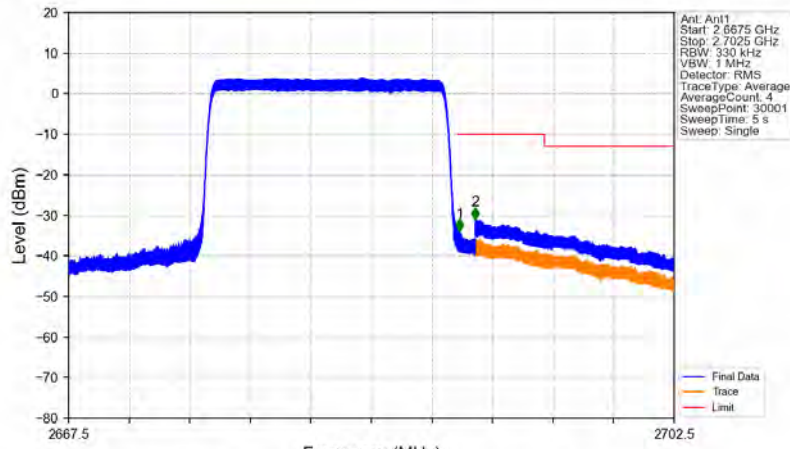
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	0	/	/	/	/	/
2690	2691	0.33	0	1	2690.108	-33.92	-10	Pass
2691	2702.5	1	4.81	2	2691.018	-31.08	-10	Pass



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6.4 B41_20MHz

6.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

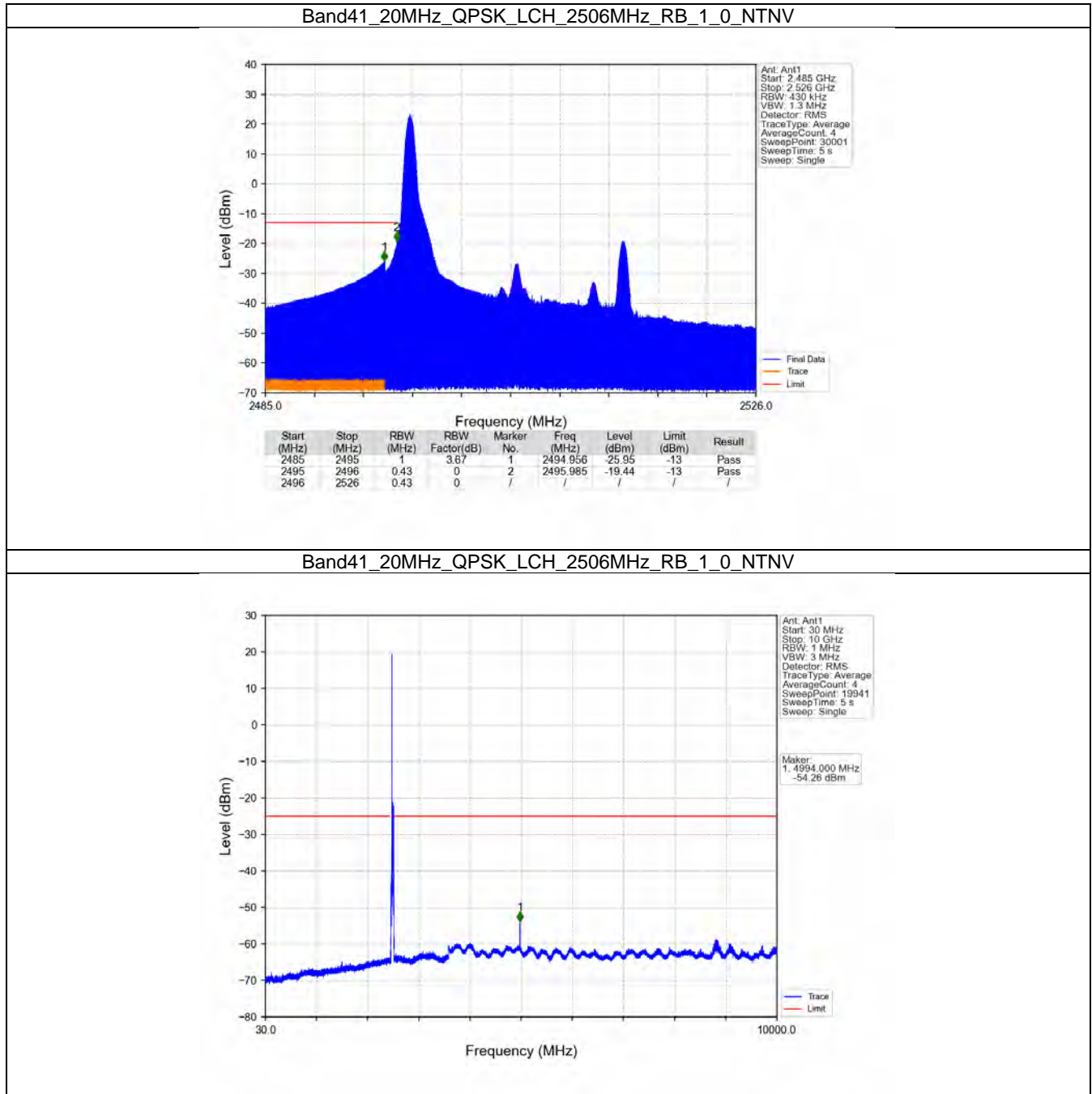


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6.4.2 Test Graph



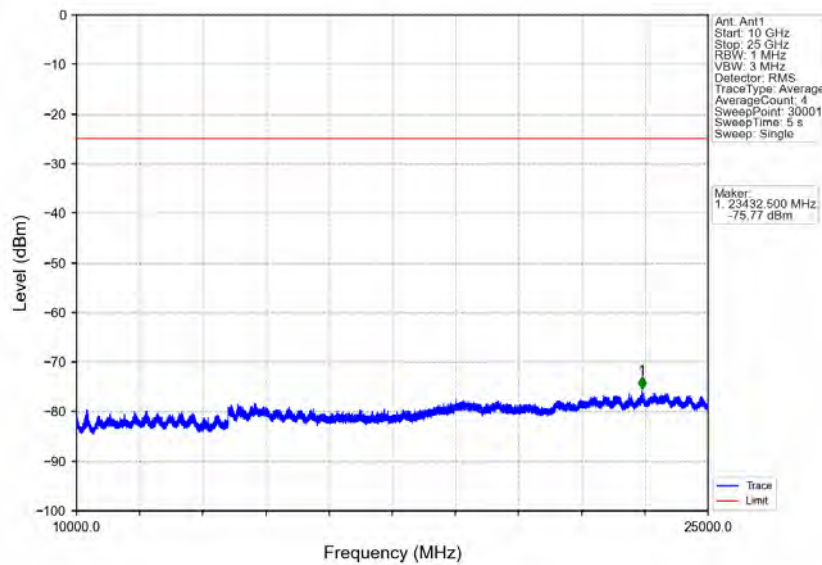
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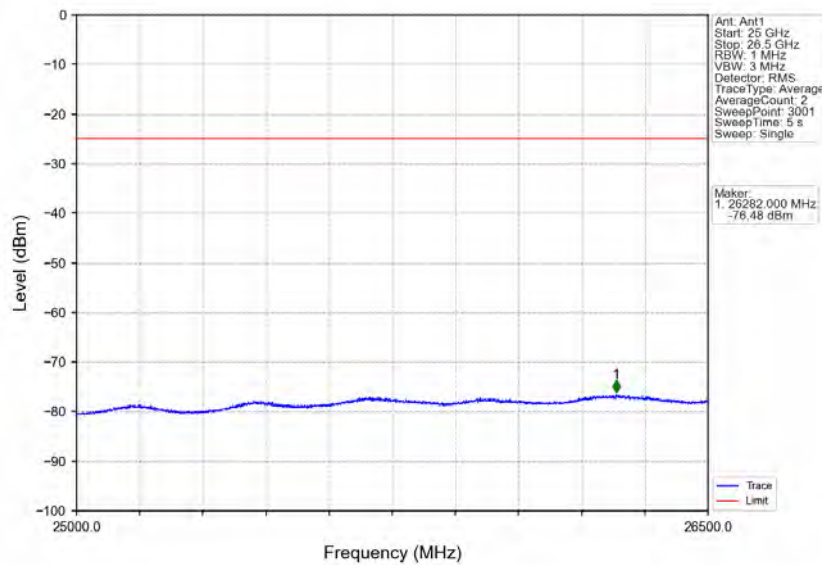
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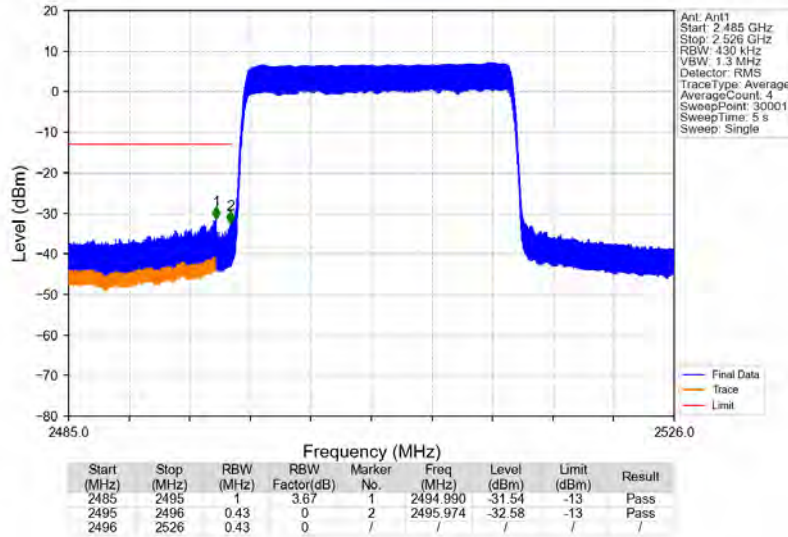
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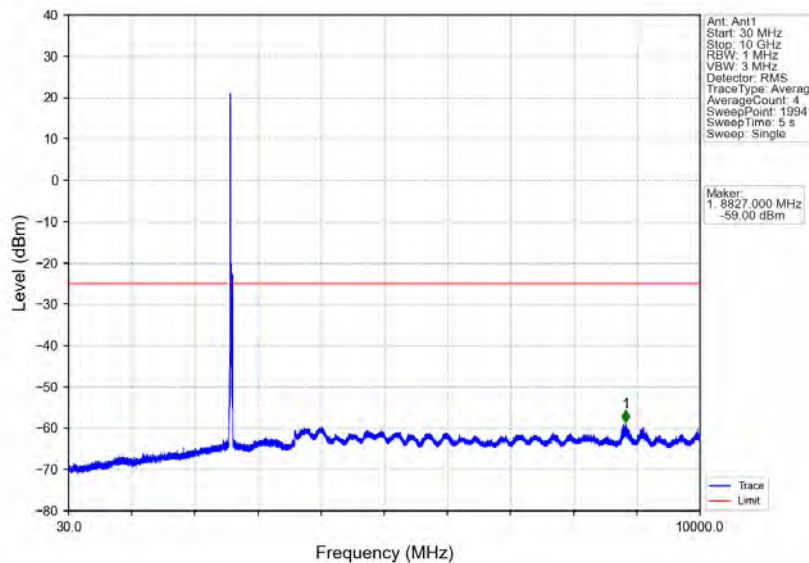
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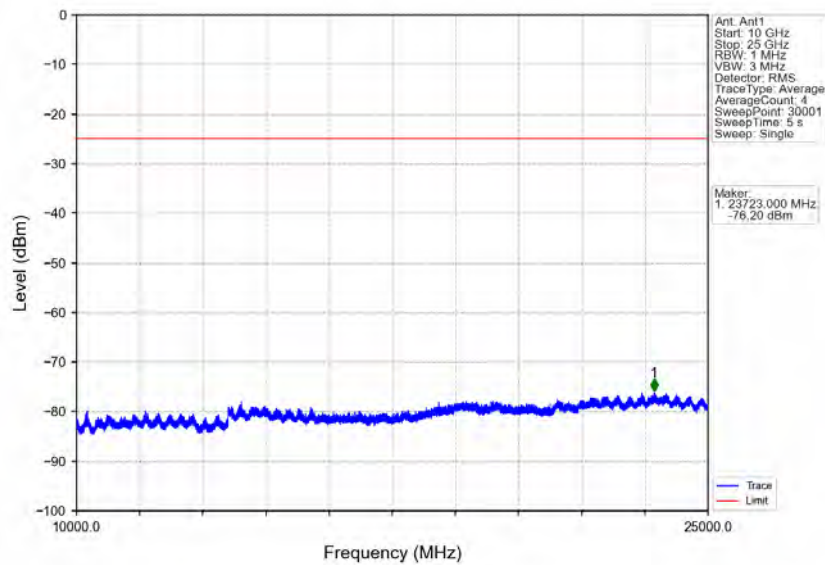
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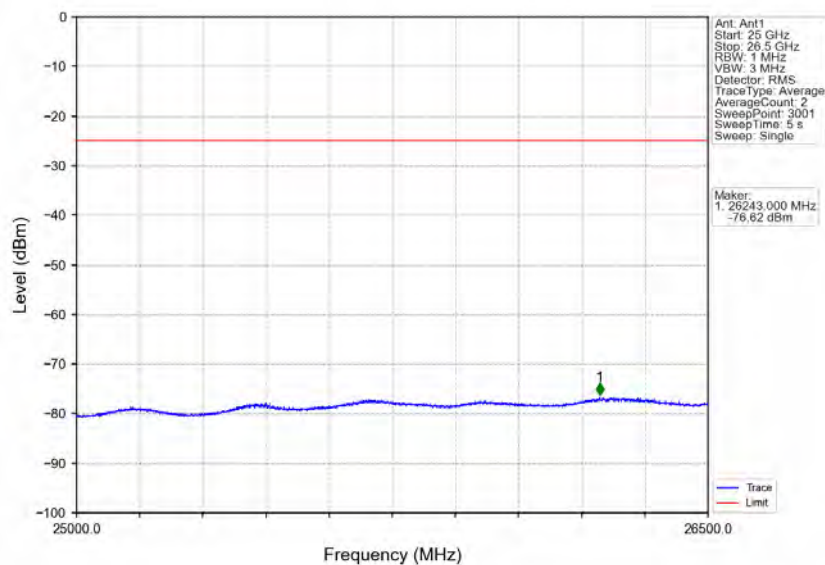


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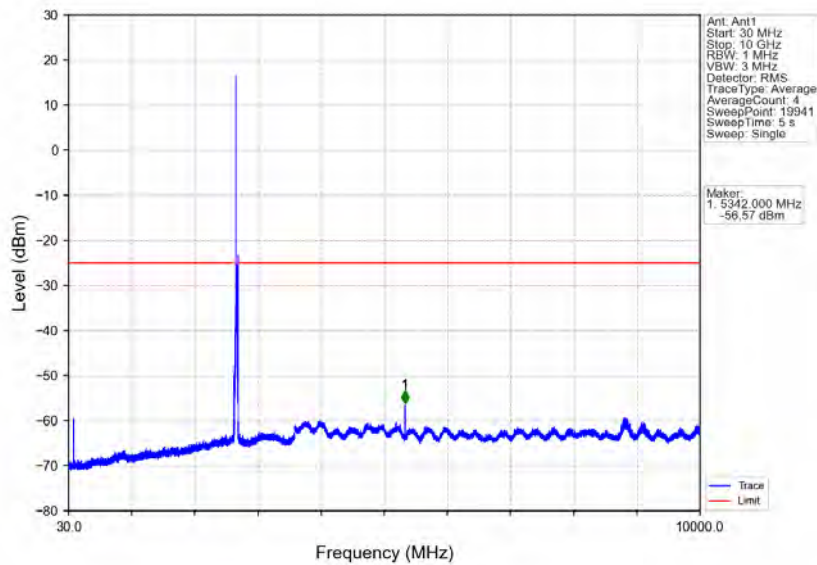
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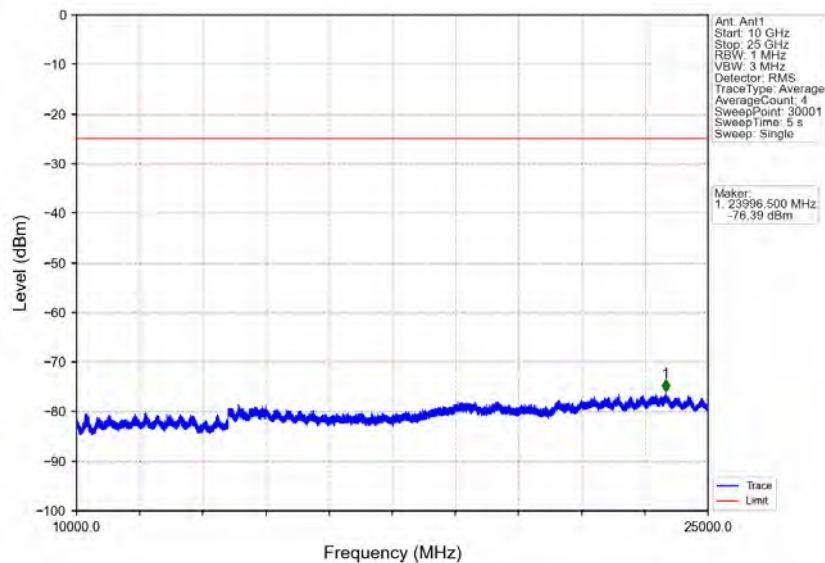
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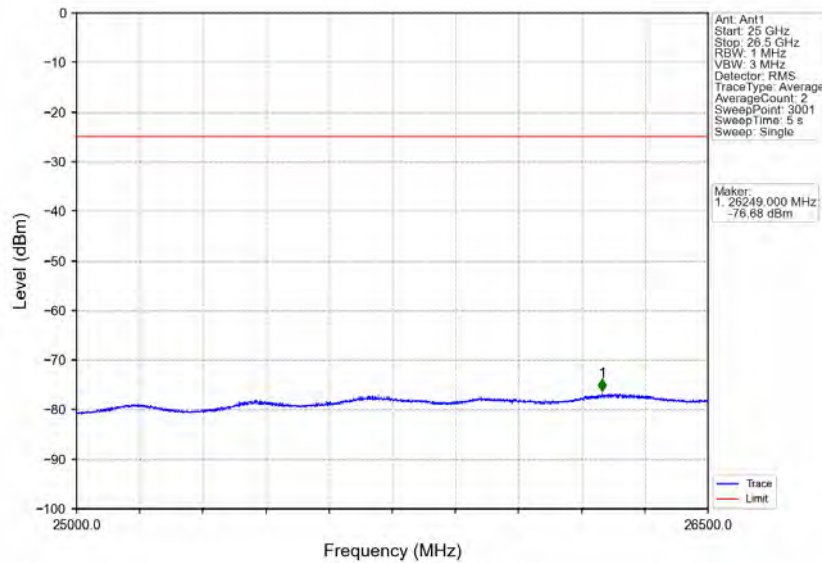
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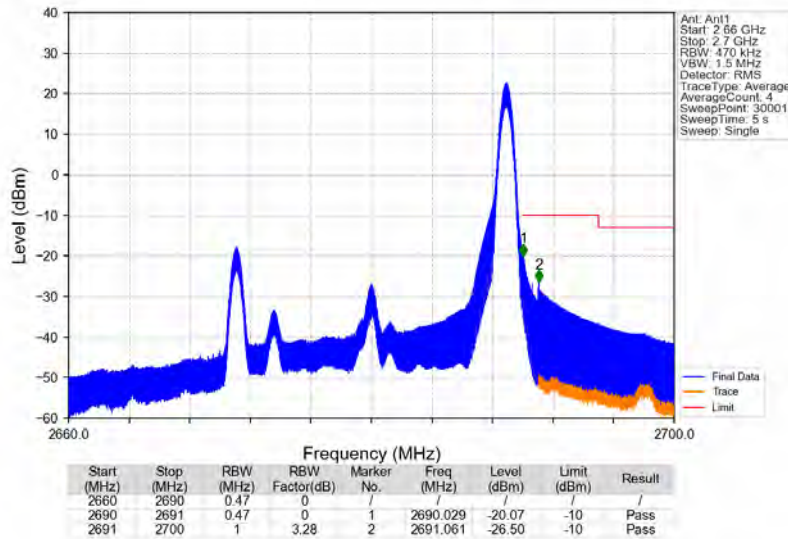
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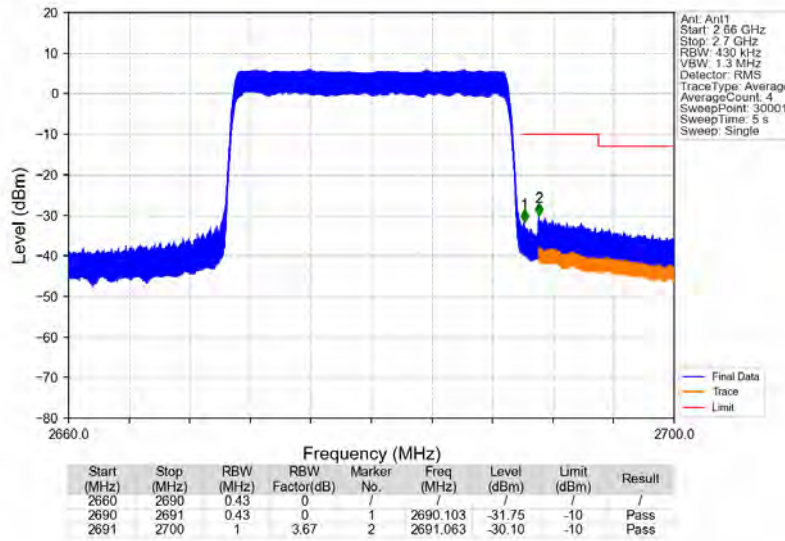
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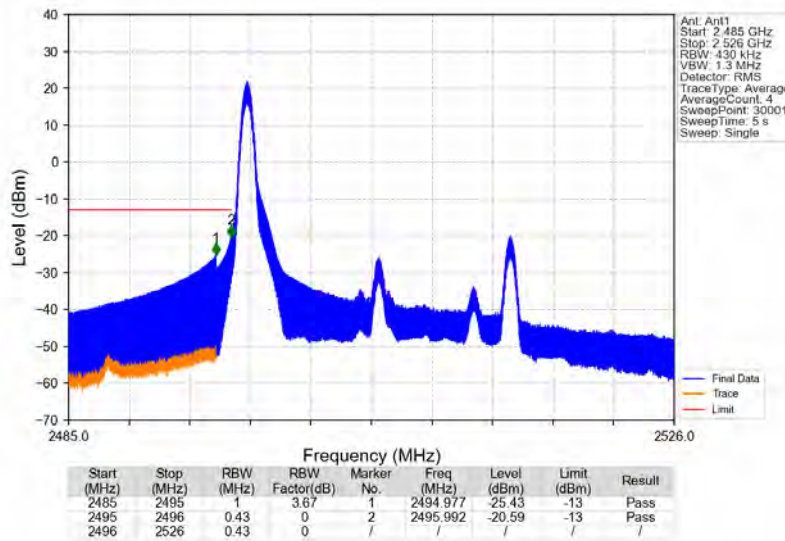
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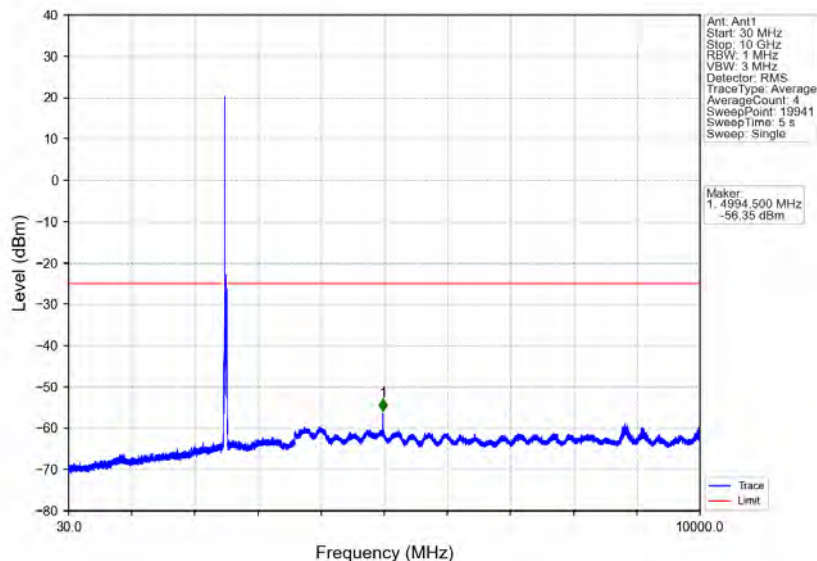
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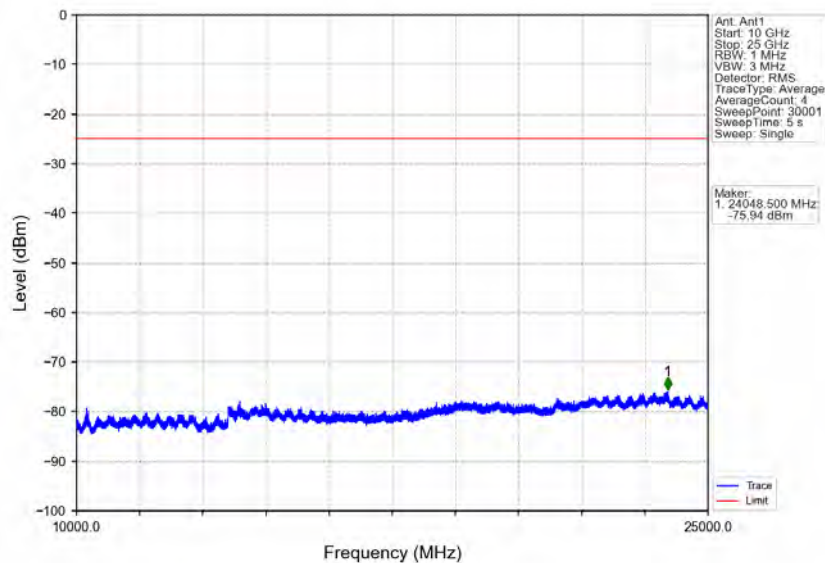
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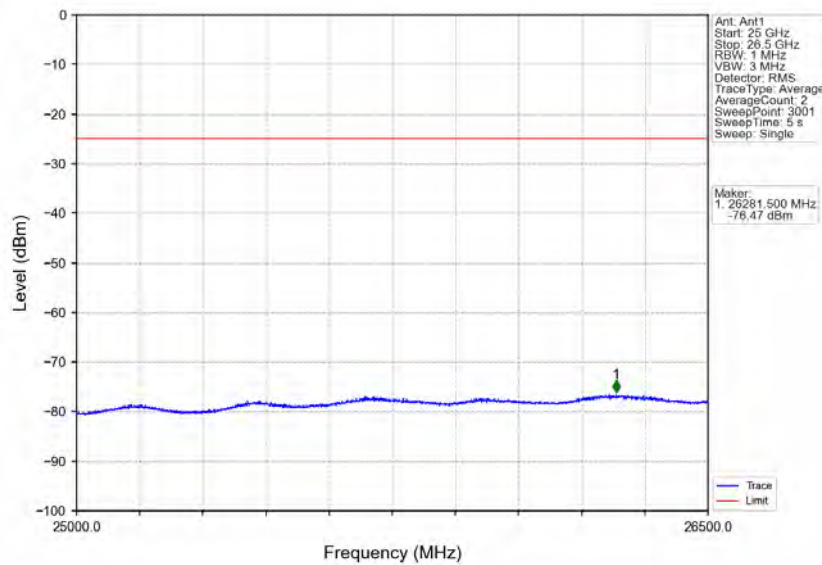
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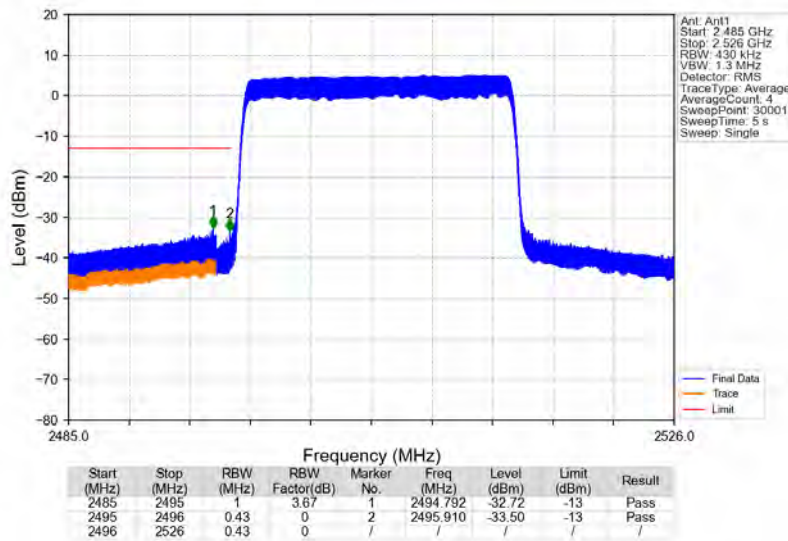
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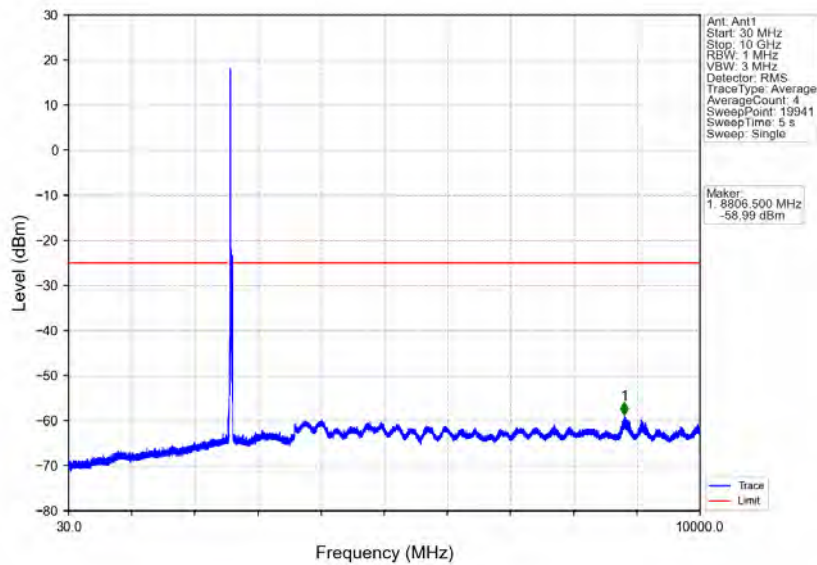
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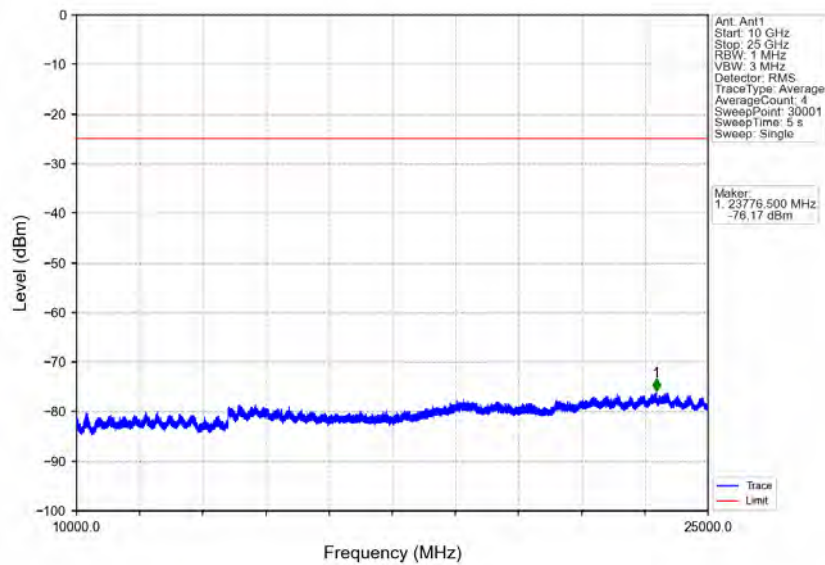
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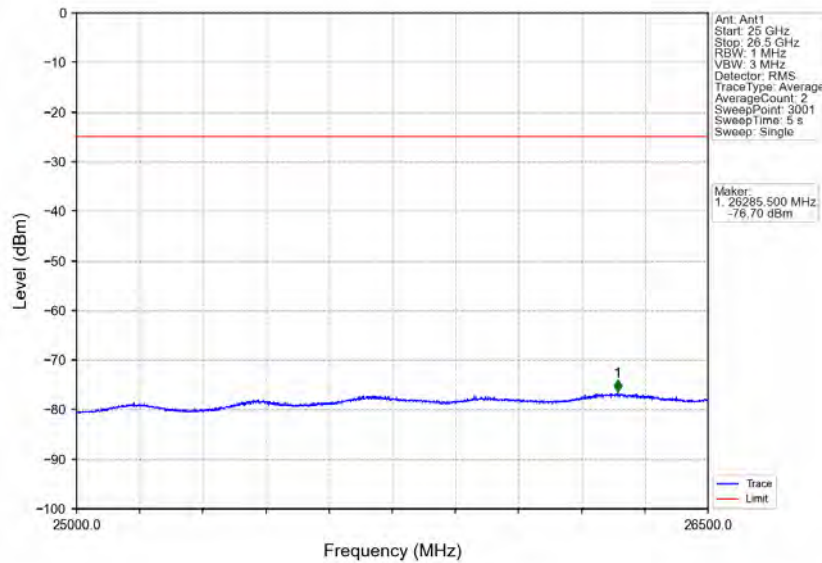
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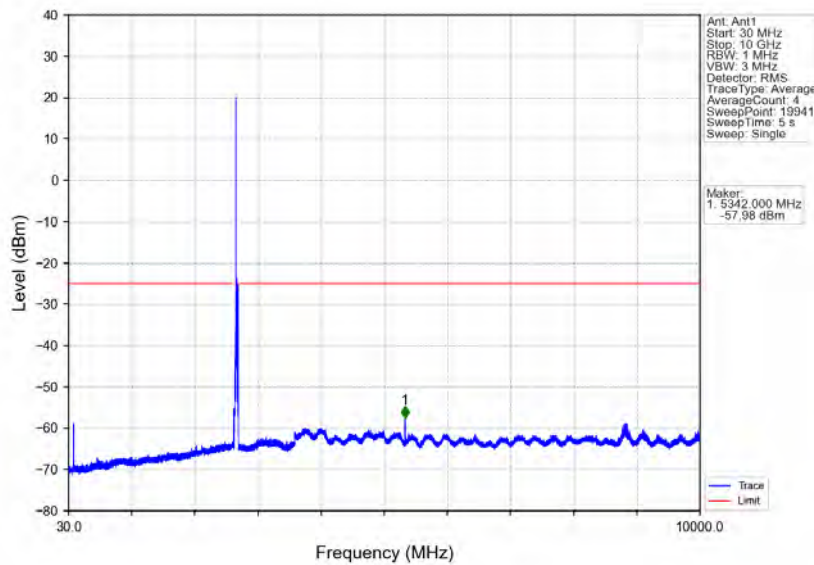
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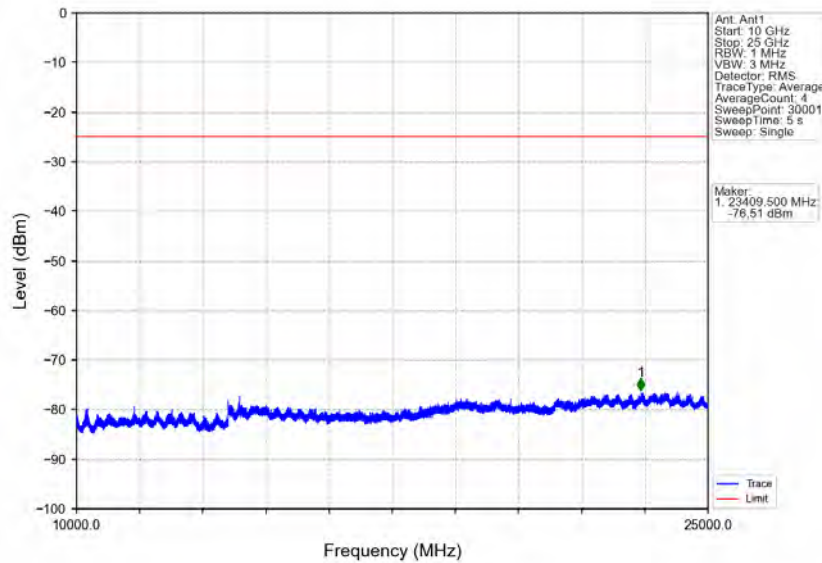
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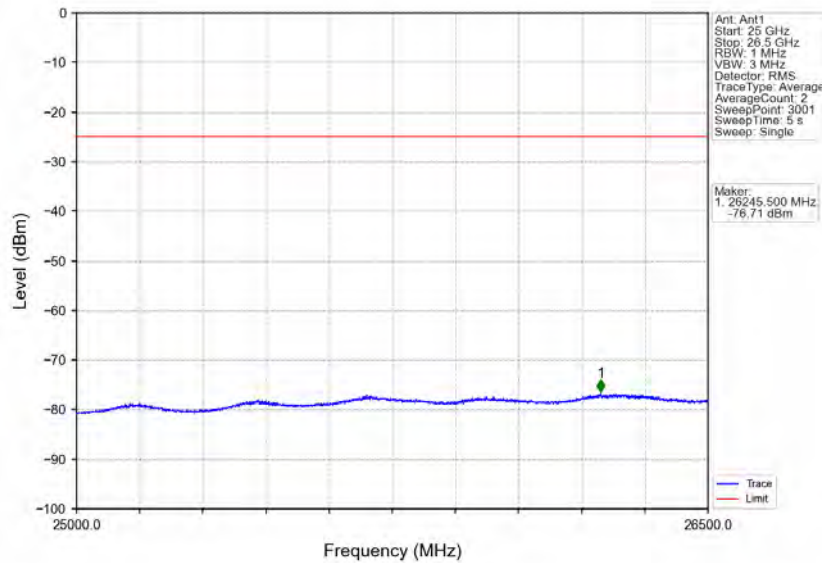
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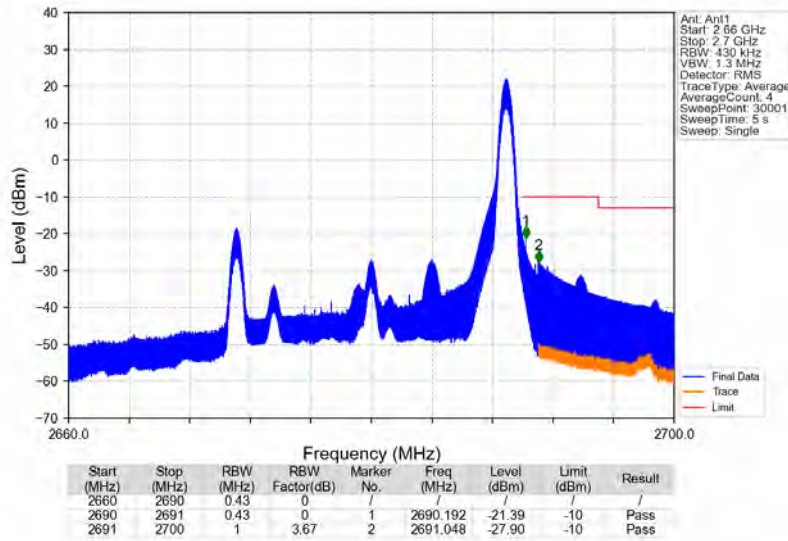
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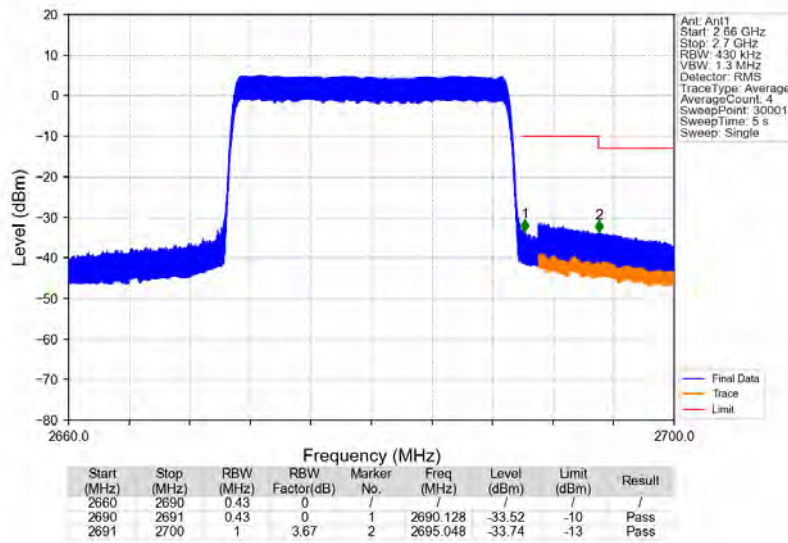
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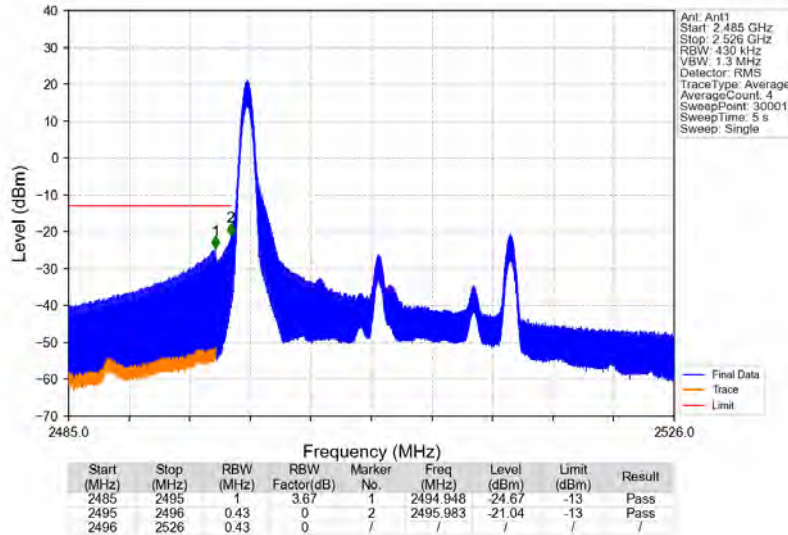
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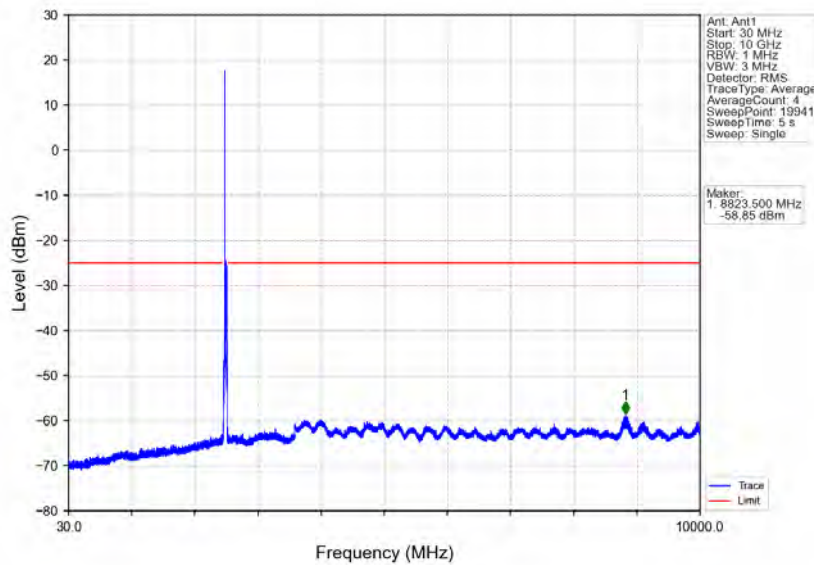
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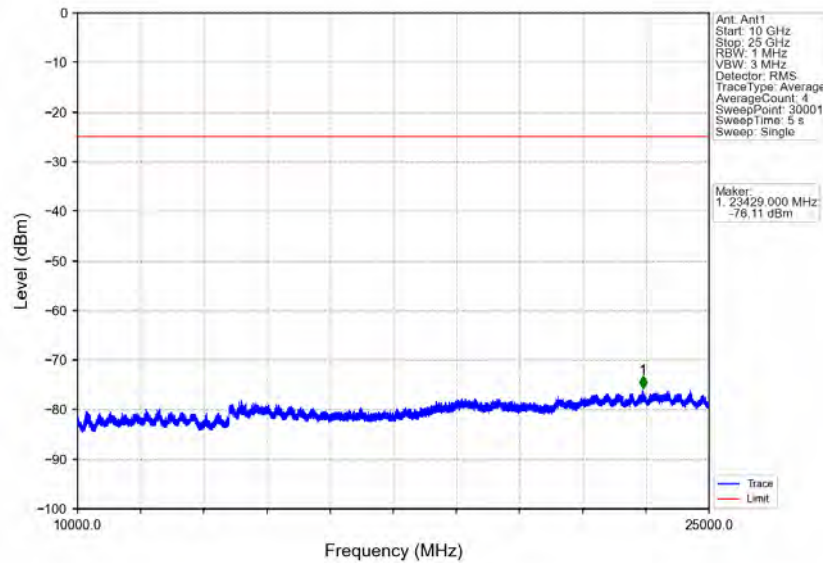
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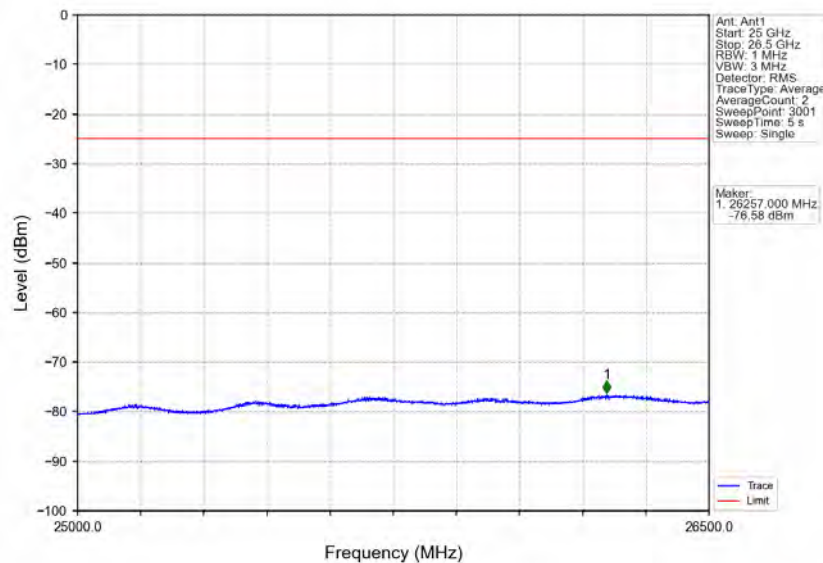


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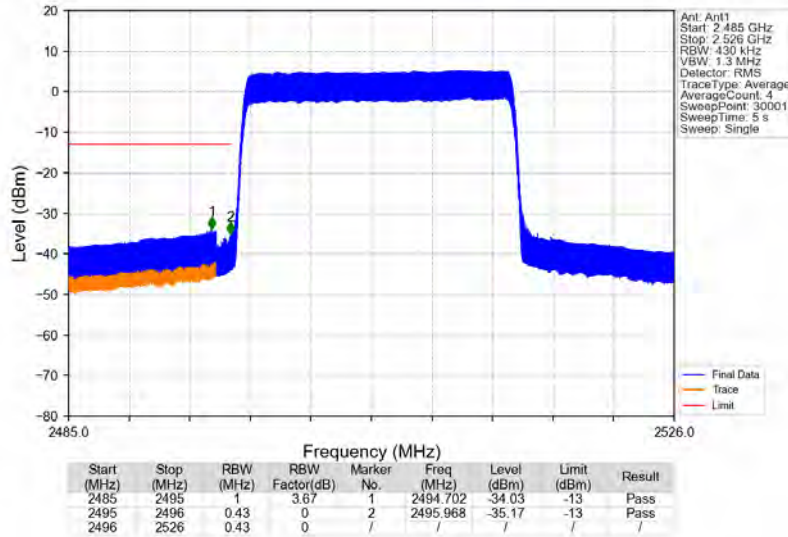
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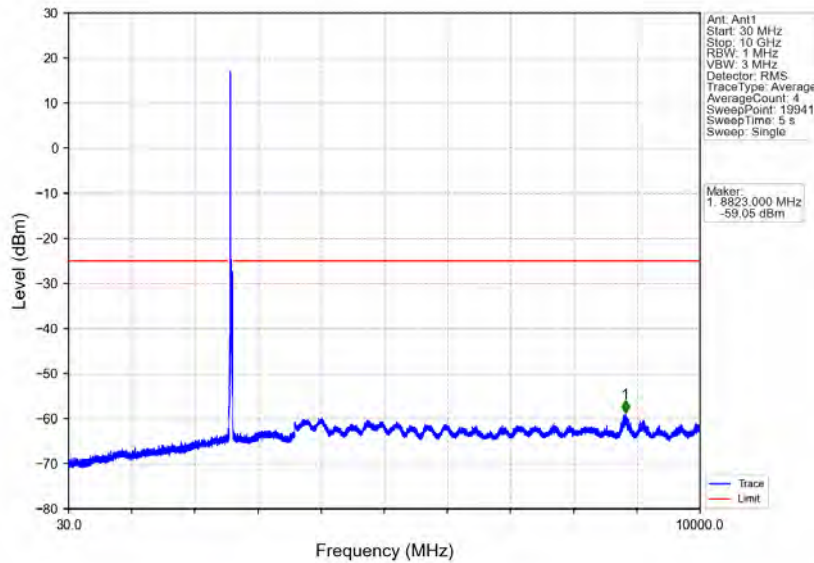
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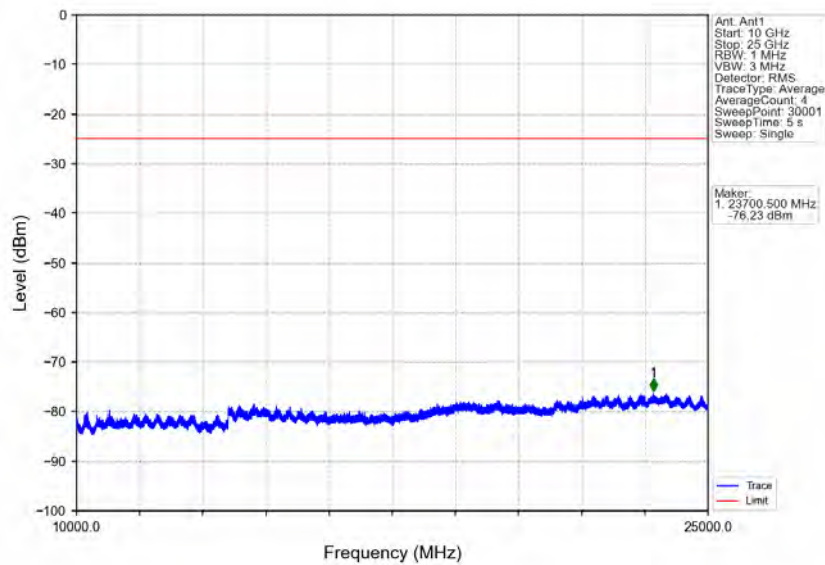
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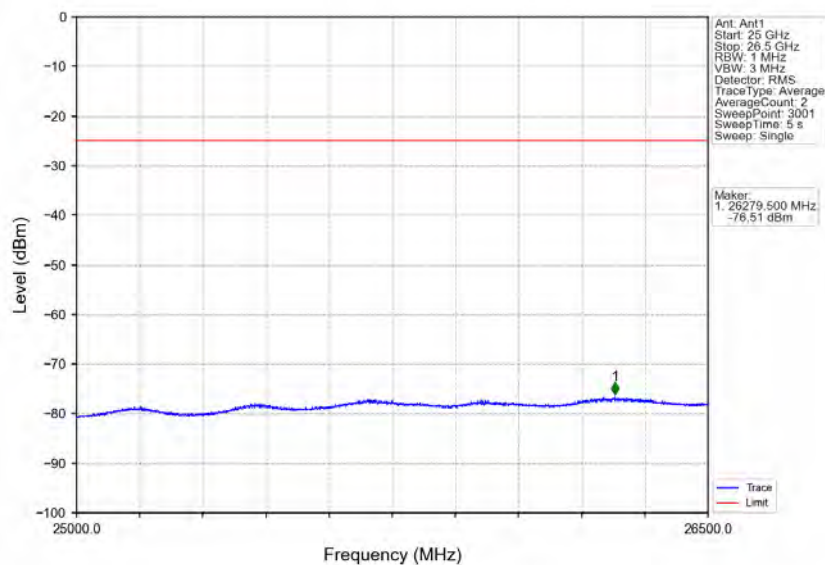


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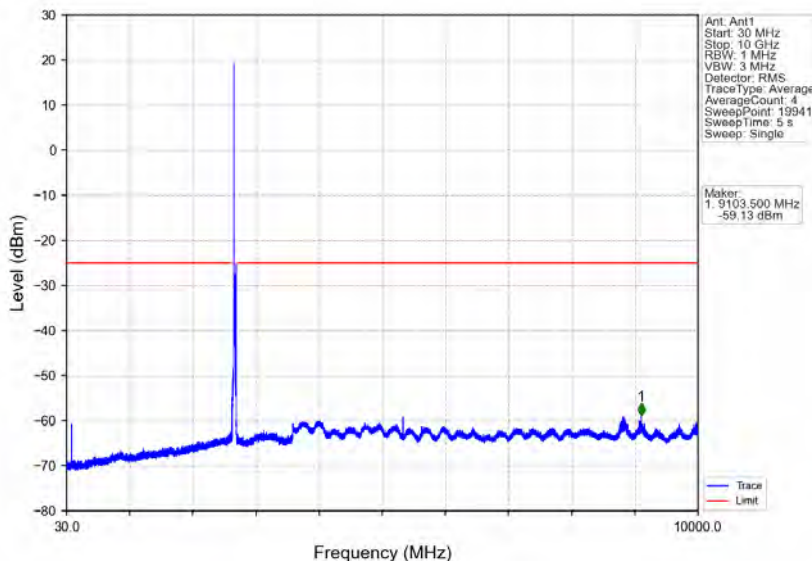
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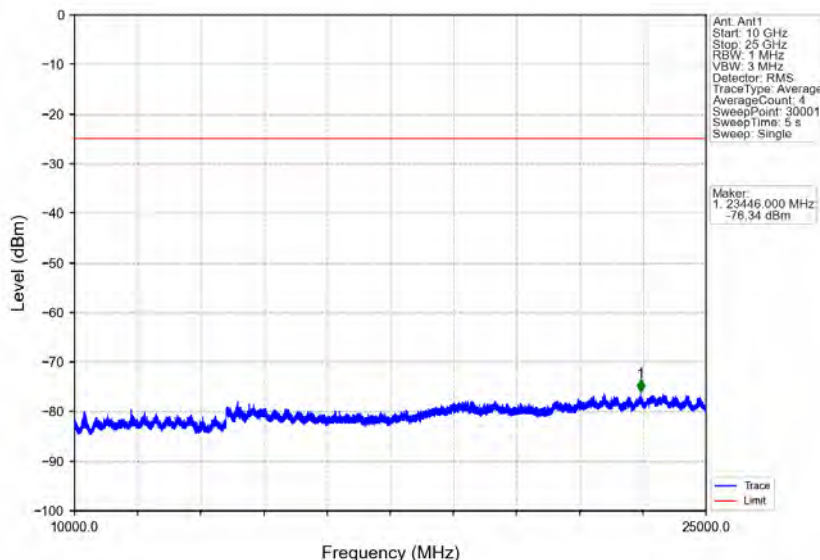
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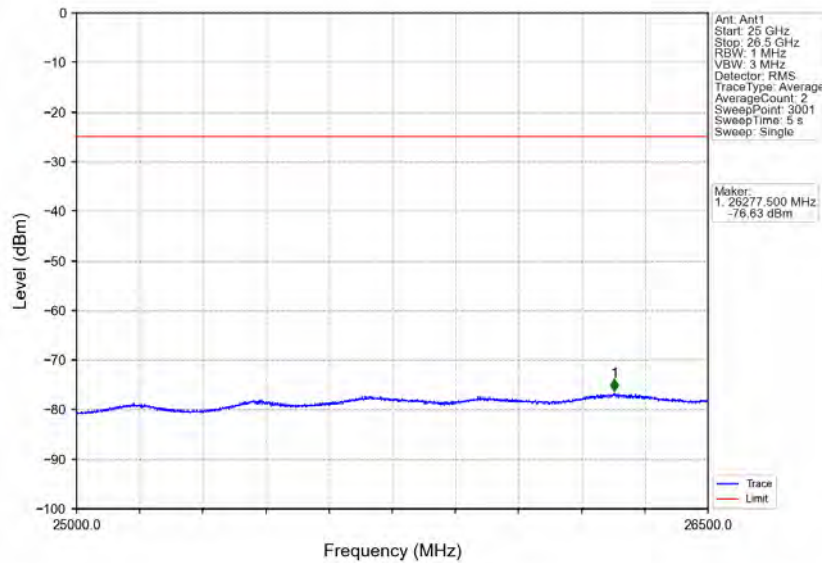


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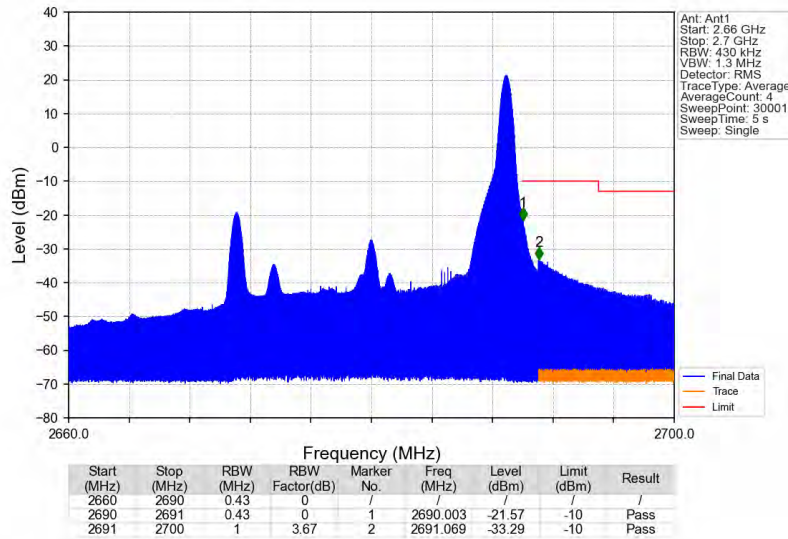
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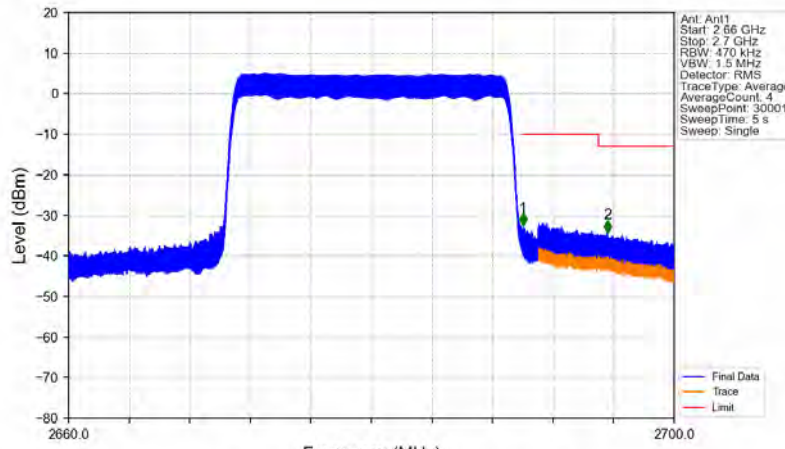
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Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor (dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.47	0	/	/	/	/	/
2690	2691	0.47	0	1	2690.008	-32.55	-10	Pass
2691	2700	1	3.28	2	2695.608	-34.24	-13	Pass



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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