

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2502.5	1	0	20.92	1.78	22.70	<=33.01	Pass		
			13	20.89	1.78	22.67	<=33.01	Pass		
			24	20.88	1.78	22.66	<=33.01	Pass		
		12	0	19.92	1.78	21.70	<=33.01	Pass		
			6	19.91	1.78	21.69	<=33.01	Pass		
			13	19.90	1.78	21.68	<=33.01	Pass		
		25	0	19.82	1.78	21.60	<=33.01	Pass		
		2535	1	0	19.68	1.78	21.46	<=33.01	Pass	
				13	19.88	1.78	21.66	<=33.01	Pass	
	24			19.32	1.78	21.10	<=33.01	Pass		
	12		0	19.60	1.78	21.38	<=33.01	Pass		
			6	19.63	1.78	21.41	<=33.01	Pass		
			13	19.44	1.78	21.22	<=33.01	Pass		
	25		0	19.42	1.78	21.20	<=33.01	Pass		
	2567.5		1	0	20.62	1.78	22.40	<=33.01	Pass	
				13	20.67	1.78	22.45	<=33.01	Pass	
		24		19.94	1.78	21.72	<=33.01	Pass		
		12	0	19.88	1.78	21.66	<=33.01	Pass		
			6	19.86	1.78	21.64	<=33.01	Pass		
			13	19.91	1.78	21.69	<=33.01	Pass		
		25	0	19.91	1.78	21.69	<=33.01	Pass		
		16QAM	2502.5	1	0	20.39	1.78	22.17	<=33.01	Pass
					13	20.48	1.78	22.26	<=33.01	Pass
	24				20.38	1.78	22.16	<=33.01	Pass	
12	0			19.15	1.78	20.93	<=33.01	Pass		
	6			19.03	1.78	20.81	<=33.01	Pass		
	13			19.10	1.78	20.88	<=33.01	Pass		
25	0			19.04	1.78	20.82	<=33.01	Pass		
2535	1			0	19.10	1.78	20.88	<=33.01	Pass	
				13	19.44	1.78	21.22	<=33.01	Pass	
			24	18.96	1.78	20.74	<=33.01	Pass		
	12		0	18.88	1.78	20.66	<=33.01	Pass		
			6	18.87	1.78	20.65	<=33.01	Pass		
			13	18.90	1.78	20.68	<=33.01	Pass		
	25		0	18.96	1.78	20.74	<=33.01	Pass		
	2567.5		1	0	20.43	1.78	22.21	<=33.01	Pass	
				13	20.44	1.78	22.22	<=33.01	Pass	
24				19.94	1.78	21.72	<=33.01	Pass		
12			0	18.97	1.78	20.75	<=33.01	Pass		
			6	18.94	1.78	20.72	<=33.01	Pass		
			13	18.93	1.78	20.71	<=33.01	Pass		
25			0	19.02	1.78	20.80	<=33.01	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	20.90	1.78	22.68	<=33.01	Pass
			25	20.79	1.78	22.57	<=33.01	Pass
			49	20.81	1.78	22.59	<=33.01	Pass
		25	0	19.95	1.78	21.73	<=33.01	Pass
			13	19.90	1.78	21.68	<=33.01	Pass
			25	19.83	1.78	21.61	<=33.01	Pass
		50	0	19.92	1.78	21.70	<=33.01	Pass
	2535	1	0	19.80	1.78	21.58	<=33.01	Pass
			25	19.61	1.78	21.39	<=33.01	Pass
			49	19.84	1.78	21.62	<=33.01	Pass
		25	0	19.51	1.78	21.29	<=33.01	Pass
			13	19.48	1.78	21.26	<=33.01	Pass
			25	19.57	1.78	21.35	<=33.01	Pass
		50	0	19.45	1.78	21.23	<=33.01	Pass
	2565	1	0	20.85	1.78	22.63	<=33.01	Pass
			25	20.86	1.78	22.64	<=33.01	Pass
			49	20.43	1.78	22.21	<=33.01	Pass
		25	0	19.91	1.78	21.69	<=33.01	Pass
			13	19.91	1.78	21.69	<=33.01	Pass
			25	19.93	1.78	21.71	<=33.01	Pass
		50	0	19.90	1.78	21.68	<=33.01	Pass
16QAM	2505	1	0	20.19	1.78	21.97	<=33.01	Pass
			25	20.16	1.78	21.94	<=33.01	Pass
			49	20.18	1.78	21.96	<=33.01	Pass
		25	0	19.19	1.78	20.97	<=33.01	Pass
			13	19.17	1.78	20.95	<=33.01	Pass
			25	19.25	1.78	21.03	<=33.01	Pass
		50	0	19.06	1.78	20.84	<=33.01	Pass
	2535	1	0	19.50	1.78	21.28	<=33.01	Pass
			25	19.50	1.78	21.28	<=33.01	Pass
			49	19.83	1.78	21.61	<=33.01	Pass
		25	0	19.02	1.78	20.80	<=33.01	Pass
			13	18.98	1.78	20.76	<=33.01	Pass
			25	18.99	1.78	20.77	<=33.01	Pass
		50	0	18.98	1.78	20.76	<=33.01	Pass
	2565	1	0	20.49	1.78	22.27	<=33.01	Pass
			25	20.48	1.78	22.26	<=33.01	Pass
			49	20.55	1.78	22.33	<=33.01	Pass
		25	0	18.99	1.78	20.77	<=33.01	Pass
			13	18.94	1.78	20.72	<=33.01	Pass
			25	19.02	1.78	20.80	<=33.01	Pass
		50	0	18.96	1.78	20.74	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	20.74	1.78	22.52	<=33.01	Pass
			38	20.77	1.78	22.55	<=33.01	Pass
			74	20.75	1.78	22.53	<=33.01	Pass
		36	0	19.86	1.78	21.64	<=33.01	Pass
			18	19.92	1.78	21.70	<=33.01	Pass
			39	19.82	1.78	21.60	<=33.01	Pass

16QAM	2535	75	0	19.96	1.78	21.74	<=33.01	Pass		
			1	0	20.11	1.78	21.89	<=33.01	Pass	
				38	19.52	1.78	21.30	<=33.01	Pass	
				74	19.71	1.78	21.49	<=33.01	Pass	
		36		0	19.63	1.78	21.41	<=33.01	Pass	
			18	19.38	1.78	21.16	<=33.01	Pass		
			39	19.46	1.78	21.24	<=33.01	Pass		
			75	0	19.43	1.78	21.21	<=33.01	Pass	
		2562.5	1	0	20.75	1.78	22.53	<=33.01	Pass	
				38	20.80	1.78	22.58	<=33.01	Pass	
				74	20.22	1.78	22.00	<=33.01	Pass	
				36	0	19.93	1.78	21.71	<=33.01	Pass
			18		19.85	1.78	21.63	<=33.01	Pass	
			39		19.88	1.78	21.66	<=33.01	Pass	
			75		0	19.91	1.78	21.69	<=33.01	Pass
			2507.5	1	0	20.70	1.78	22.48	<=33.01	Pass
	38				20.72	1.78	22.50	<=33.01	Pass	
	74				20.69	1.78	22.47	<=33.01	Pass	
	36				0	18.99	1.78	20.77	<=33.01	Pass
					18	19.03	1.78	20.81	<=33.01	Pass
		39			19.02	1.78	20.80	<=33.01	Pass	
		75		0	19.00	1.78	20.78	<=33.01	Pass	
	2535	1		0	19.80	1.78	21.58	<=33.01	Pass	
				38	19.42	1.78	21.20	<=33.01	Pass	
				74	19.72	1.78	21.50	<=33.01	Pass	
				36	0	18.84	1.78	20.62	<=33.01	Pass
		18			18.88	1.78	20.66	<=33.01	Pass	
		39			18.88	1.78	20.66	<=33.01	Pass	
		75			0	18.87	1.78	20.65	<=33.01	Pass
		2562.5		1	0	20.51	1.78	22.29	<=33.01	Pass
	38				20.56	1.78	22.34	<=33.01	Pass	
	74				20.57	1.78	22.35	<=33.01	Pass	
	36				0	19.06	1.78	20.84	<=33.01	Pass
				18	19.02	1.78	20.80	<=33.01	Pass	
				39	19.08	1.78	20.86	<=33.01	Pass	
			75	0	19.10	1.78	20.88	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	21.01	1.78	22.79	<=33.01	Pass
			50	20.97	1.78	22.75	<=33.01	Pass
			99	20.96	1.78	22.74	<=33.01	Pass
		50	0	19.83	1.78	21.61	<=33.01	Pass
			25	19.76	1.78	21.54	<=33.01	Pass
			50	19.90	1.78	21.68	<=33.01	Pass
		100	0	19.86	1.78	21.64	<=33.01	Pass
		1	0	20.48	1.78	22.26	<=33.01	Pass
			50	19.46	1.78	21.24	<=33.01	Pass
			99	20.58	1.78	22.36	<=33.01	Pass
	2535	50	0	19.55	1.78	21.33	<=33.01	Pass
			25	19.35	1.78	21.13	<=33.01	Pass
			50	19.72	1.78	21.50	<=33.01	Pass
		100	0	19.53	1.78	21.31	<=33.01	Pass

16QAM	2560	1	0	20.80	1.78	22.58	<=33.01	Pass
			50	20.82	1.78	22.60	<=33.01	Pass
			99	20.81	1.78	22.59	<=33.01	Pass
		50	0	19.85	1.78	21.63	<=33.01	Pass
			25	19.89	1.78	21.67	<=33.01	Pass
			50	19.90	1.78	21.68	<=33.01	Pass
		100	0	19.87	1.78	21.65	<=33.01	Pass
			0	21.16	1.78	22.94	<=33.01	Pass
			50	21.10	1.78	22.88	<=33.01	Pass
	2510	1	99	21.06	1.78	22.84	<=33.01	Pass
			0	18.94	1.78	20.72	<=33.01	Pass
			25	18.92	1.78	20.70	<=33.01	Pass
		50	50	18.95	1.78	20.73	<=33.01	Pass
			0	18.94	1.78	20.72	<=33.01	Pass
		100	0	20.18	1.78	21.96	<=33.01	Pass
			50	19.37	1.78	21.15	<=33.01	Pass
			99	20.61	1.78	22.39	<=33.01	Pass
	2535	1	0	18.96	1.78	20.74	<=33.01	Pass
			25	19.04	1.78	20.82	<=33.01	Pass
			50	19.01	1.78	20.79	<=33.01	Pass
		50	0	18.83	1.78	20.61	<=33.01	Pass
			0	20.02	1.78	21.80	<=33.01	Pass
			50	20.06	1.78	21.84	<=33.01	Pass
		100	99	20.14	1.78	21.92	<=33.01	Pass
			0	19.05	1.78	20.83	<=33.01	Pass
			25	19.06	1.78	20.84	<=33.01	Pass
	2560	1	50	19.13	1.78	20.91	<=33.01	Pass
			0	18.94	1.78	20.72	<=33.01	Pass
		50	0	20.02	1.78	21.80	<=33.01	Pass
			50	20.06	1.78	21.84	<=33.01	Pass
			99	20.14	1.78	21.92	<=33.01	Pass
		100	0	19.05	1.78	20.83	<=33.01	Pass
			25	19.06	1.78	20.84	<=33.01	Pass
			50	19.13	1.78	20.91	<=33.01	Pass
		100	0	18.94	1.78	20.72	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.27	-22.388	-0.0089	-2.5 to 2.5	Pass
					3.85	-23.775	-0.0095	-2.5 to 2.5	Pass
					4.43	-15.020	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-27.308	-0.0109	-2.5 to 2.5	Pass
					3.85	-35.634	-0.0142	-2.5 to 2.5	Pass
					3.85	-38.738	-0.0155	-2.5 to 2.5	Pass
				0	3.85	-41.256	-0.0165	-2.5 to 2.5	Pass
					3.85	-39.854	-0.0159	-2.5 to 2.5	Pass
					3.85	-3.905	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-7.739	-0.0031	-2.5 to 2.5	Pass
					3.85	-14.277	-0.0057	-2.5 to 2.5	Pass
					3.85	-14.277	-0.0057	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	-8.111	-0.0032	-2.5 to 2.5	Pass
					3.85	11.773	0.0046	-2.5 to 2.5	Pass
					4.43	41.585	0.0164	-2.5 to 2.5	Pass
				-30	3.85	40.054	0.0158	-2.5 to 2.5	Pass
					3.85	36.635	0.0145	-2.5 to 2.5	Pass
					3.85	23.246	0.0092	-2.5 to 2.5	Pass
				-10	3.85	23.246	0.0092	-2.5 to 2.5	Pass
					3.85	23.246	0.0092	-2.5 to 2.5	Pass

				0	3.85	4.163	0.0016	-2.5 to 2.5	Pass
				10	3.85	23.232	0.0092	-2.5 to 2.5	Pass
				30	3.85	26.321	0.0104	-2.5 to 2.5	Pass
				40	3.85	20.227	0.0080	-2.5 to 2.5	Pass
				50	3.85	27.509	0.0109	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	27.595	0.0107	-2.5 to 2.5	Pass
					3.85	-35.105	-0.0137	-2.5 to 2.5	Pass
					4.43	0.286	0.0001	-2.5 to 2.5	Pass
				-30	3.85	14.877	0.0058	-2.5 to 2.5	Pass
				-20	3.85	-3.405	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	6.180	0.0024	-2.5 to 2.5	Pass
				0	3.85	14.391	0.0056	-2.5 to 2.5	Pass
				10	3.85	20.385	0.0079	-2.5 to 2.5	Pass
				30	3.85	42.844	0.0167	-2.5 to 2.5	Pass
				40	3.85	14.706	0.0057	-2.5 to 2.5	Pass
				50	3.85	40.369	0.0157	-2.5 to 2.5	Pass
16QAM	2502.5	25	0	20	3.27	-14.963	-0.0060	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0013	-2.5 to 2.5	Pass
					4.43	5.107	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.731	0.0007	-2.5 to 2.5	Pass
				-20	3.85	9.127	0.0036	-2.5 to 2.5	Pass
				-10	3.85	7.224	0.0029	-2.5 to 2.5	Pass
				0	3.85	11.258	0.0045	-2.5 to 2.5	Pass
				10	3.85	26.236	0.0105	-2.5 to 2.5	Pass
				30	3.85	21.358	0.0085	-2.5 to 2.5	Pass
				40	3.85	28.110	0.0112	-2.5 to 2.5	Pass
				50	3.85	46.878	0.0187	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	2.446	0.0010	-2.5 to 2.5	Pass
					3.85	10.843	0.0043	-2.5 to 2.5	Pass
					4.43	17.524	0.0069	-2.5 to 2.5	Pass
				-30	3.85	35.005	0.0138	-2.5 to 2.5	Pass
				-20	3.85	33.989	0.0134	-2.5 to 2.5	Pass
				-10	3.85	34.246	0.0135	-2.5 to 2.5	Pass
				0	3.85	23.289	0.0092	-2.5 to 2.5	Pass
				10	3.85	-7.067	-0.0028	-2.5 to 2.5	Pass
				30	3.85	1.245	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.057	0.0000	-2.5 to 2.5	Pass
				50	3.85	46.434	0.0183	-2.5 to 2.5	Pass
	2567.5	25	0	20	3.27	7.281	0.0028	-2.5 to 2.5	Pass
					3.85	-25.048	-0.0098	-2.5 to 2.5	Pass
					4.43	-41.113	-0.0160	-2.5 to 2.5	Pass
				-30	3.85	-12.002	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-18.625	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-18.454	-0.0072	-2.5 to 2.5	Pass
				0	3.85	-22.631	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-27.852	-0.0108	-2.5 to 2.5	Pass
				40	3.85	-37.007	-0.0144	-2.5 to 2.5	Pass
				50	3.85	31.300	0.0122	-2.5 to 2.5	Pass

2.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.27	-39.110	-0.0156	-2.5 to 2.5	Pass
					3.85	-15.550	-0.0062	-2.5 to 2.5	Pass

					4.43	34.175	0.0136	-2.5 to 2.5	Pass
				-30	3.85	29.969	0.0120	-2.5 to 2.5	Pass
				-20	3.85	12.975	0.0052	-2.5 to 2.5	Pass
				-10	3.85	22.430	0.0090	-2.5 to 2.5	Pass
				0	3.85	6.537	0.0026	-2.5 to 2.5	Pass
				10	3.85	4.463	0.0018	-2.5 to 2.5	Pass
				30	3.85	19.598	0.0078	-2.5 to 2.5	Pass
				40	3.85	-8.082	-0.0032	-2.5 to 2.5	Pass
				50	3.85	12.846	0.0051	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-27.981	-0.0110	-2.5 to 2.5	Pass
					3.85	19.398	0.0077	-2.5 to 2.5	Pass
					4.43	25.320	0.0100	-2.5 to 2.5	Pass
				-30	3.85	12.374	0.0049	-2.5 to 2.5	Pass
				-20	3.85	34.590	0.0136	-2.5 to 2.5	Pass
				-10	3.85	18.725	0.0074	-2.5 to 2.5	Pass
				0	3.85	22.202	0.0088	-2.5 to 2.5	Pass
				10	3.85	15.407	0.0061	-2.5 to 2.5	Pass
				30	3.85	26.107	0.0103	-2.5 to 2.5	Pass
				40	3.85	28.024	0.0111	-2.5 to 2.5	Pass
				50	3.85	18.225	0.0072	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-22.974	-0.0090	-2.5 to 2.5	Pass
					3.85	-4.191	-0.0016	-2.5 to 2.5	Pass
					4.43	-11.015	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-22.202	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	7.539	0.0029	-2.5 to 2.5	Pass
				-10	3.85	17.967	0.0070	-2.5 to 2.5	Pass
				0	3.85	-11.687	-0.0046	-2.5 to 2.5	Pass
				10	3.85	26.422	0.0103	-2.5 to 2.5	Pass
				30	3.85	25.005	0.0097	-2.5 to 2.5	Pass
				40	3.85	-6.309	-0.0025	-2.5 to 2.5	Pass
				50	3.85	21.100	0.0082	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	28.496	0.0114	-2.5 to 2.5	Pass
					3.85	26.736	0.0107	-2.5 to 2.5	Pass
					4.43	-7.310	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-39.310	-0.0157	-2.5 to 2.5	Pass
				-20	3.85	-41.313	-0.0165	-2.5 to 2.5	Pass
				-10	3.85	3.691	0.0015	-2.5 to 2.5	Pass
				0	3.85	3.376	0.0013	-2.5 to 2.5	Pass
				10	3.85	35.076	0.0140	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0019	-2.5 to 2.5	Pass
				40	3.85	26.650	0.0106	-2.5 to 2.5	Pass
				50	3.85	-4.177	-0.0017	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	6.495	0.0026	-2.5 to 2.5	Pass
					3.85	42.057	0.0166	-2.5 to 2.5	Pass
					4.43	9.513	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-27.924	-0.0110	-2.5 to 2.5	Pass
				-20	3.85	-17.023	-0.0067	-2.5 to 2.5	Pass
				-10	3.85	24.390	0.0096	-2.5 to 2.5	Pass
				0	3.85	2.189	0.0009	-2.5 to 2.5	Pass
				10	3.85	-1.030	-0.0004	-2.5 to 2.5	Pass
				30	3.85	41.370	0.0163	-2.5 to 2.5	Pass
				40	3.85	36.693	0.0145	-2.5 to 2.5	Pass
				50	3.85	41.399	0.0163	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	-12.403	-0.0048	-2.5 to 2.5	Pass
					3.85	-18.196	-0.0071	-2.5 to 2.5	Pass
					4.43	9.842	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-14.849	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-42.644	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-42.472	-0.0166	-2.5 to 2.5	Pass

				0	3.85	3.905	0.0015	-2.5 to 2.5	Pass
				10	3.85	-20.113	-0.0078	-2.5 to 2.5	Pass
				30	3.85	4.706	0.0018	-2.5 to 2.5	Pass
				40	3.85	38.395	0.0150	-2.5 to 2.5	Pass
				50	3.85	-30.398	-0.0119	-2.5 to 2.5	Pass

2.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.27	-24.776	-0.0099	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0017	-2.5 to 2.5	Pass
					4.43	22.759	0.0091	-2.5 to 2.5	Pass
				-30	3.85	17.424	0.0069	-2.5 to 2.5	Pass
				-20	3.85	12.631	0.0050	-2.5 to 2.5	Pass
				-10	3.85	36.907	0.0147	-2.5 to 2.5	Pass
				0	3.85	29.855	0.0119	-2.5 to 2.5	Pass
				10	3.85	-6.566	-0.0026	-2.5 to 2.5	Pass
				30	3.85	35.577	0.0142	-2.5 to 2.5	Pass
				40	3.85	28.424	0.0113	-2.5 to 2.5	Pass
				50	3.85	12.989	0.0052	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-25.063	-0.0099	-2.5 to 2.5	Pass
					3.85	38.567	0.0152	-2.5 to 2.5	Pass
					4.43	27.967	0.0110	-2.5 to 2.5	Pass
				-30	3.85	20.943	0.0083	-2.5 to 2.5	Pass
				-20	3.85	30.155	0.0119	-2.5 to 2.5	Pass
				-10	3.85	31.657	0.0125	-2.5 to 2.5	Pass
				0	3.85	25.020	0.0099	-2.5 to 2.5	Pass
				10	3.85	-5.693	-0.0022	-2.5 to 2.5	Pass
				30	3.85	23.403	0.0092	-2.5 to 2.5	Pass
				40	3.85	43.073	0.0170	-2.5 to 2.5	Pass
				50	3.85	43.044	0.0170	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-31.171	-0.0122	-2.5 to 2.5	Pass
					3.85	-13.847	-0.0054	-2.5 to 2.5	Pass
					4.43	-1.187	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	34.418	0.0134	-2.5 to 2.5	Pass
				-10	3.85	25.792	0.0101	-2.5 to 2.5	Pass
				0	3.85	35.477	0.0138	-2.5 to 2.5	Pass
				10	3.85	20.027	0.0078	-2.5 to 2.5	Pass
				30	3.85	25.635	0.0100	-2.5 to 2.5	Pass
				40	3.85	27.680	0.0108	-2.5 to 2.5	Pass
				50	3.85	5.722	0.0022	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	-8.497	-0.0034	-2.5 to 2.5	Pass
					3.85	-22.016	-0.0088	-2.5 to 2.5	Pass
					4.43	-14.706	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	3.276	0.0013	-2.5 to 2.5	Pass
				-20	3.85	-15.249	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-9.413	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-9.255	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-12.617	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-22.488	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-31.757	-0.0127	-2.5 to 2.5	Pass
				50	3.85	-25.520	-0.0102	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	16.036	0.0063	-2.5 to 2.5	Pass
					3.85	-1.187	-0.0005	-2.5 to 2.5	Pass

					4.43	30.055	0.0119	-2.5 to 2.5	Pass
				-30	3.85	21.100	0.0083	-2.5 to 2.5	Pass
				-20	3.85	28.853	0.0114	-2.5 to 2.5	Pass
				-10	3.85	37.508	0.0148	-2.5 to 2.5	Pass
				0	3.85	33.274	0.0131	-2.5 to 2.5	Pass
				10	3.85	-6.323	-0.0025	-2.5 to 2.5	Pass
				30	3.85	9.470	0.0037	-2.5 to 2.5	Pass
				40	3.85	8.841	0.0035	-2.5 to 2.5	Pass
				50	3.85	20.571	0.0081	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	17.667	0.0069	-2.5 to 2.5	Pass
					3.85	-25.277	-0.0099	-2.5 to 2.5	Pass
					4.43	-10.786	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-36.449	-0.0142	-2.5 to 2.5	Pass
				-20	3.85	17.223	0.0067	-2.5 to 2.5	Pass
				-10	3.85	24.819	0.0097	-2.5 to 2.5	Pass
				0	3.85	-20.485	-0.0080	-2.5 to 2.5	Pass
				10	3.85	-13.890	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-10.328	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-32.415	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-21.815	-0.0085	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.27	-30.284	-0.0121	-2.5 to 2.5	Pass
					3.85	35.448	0.0141	-2.5 to 2.5	Pass
					4.43	11.845	0.0047	-2.5 to 2.5	Pass
				-30	3.85	11.287	0.0045	-2.5 to 2.5	Pass
				-20	3.85	23.561	0.0094	-2.5 to 2.5	Pass
				-10	3.85	38.366	0.0153	-2.5 to 2.5	Pass
				0	3.85	8.225	0.0033	-2.5 to 2.5	Pass
				10	3.85	30.870	0.0123	-2.5 to 2.5	Pass
				30	3.85	38.667	0.0154	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0027	-2.5 to 2.5	Pass
				50	3.85	3.505	0.0014	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-15.564	-0.0061	-2.5 to 2.5	Pass
					3.85	24.018	0.0095	-2.5 to 2.5	Pass
					4.43	28.052	0.0111	-2.5 to 2.5	Pass
				-30	3.85	30.799	0.0121	-2.5 to 2.5	Pass
				-20	3.85	31.414	0.0124	-2.5 to 2.5	Pass
				-10	3.85	31.815	0.0126	-2.5 to 2.5	Pass
				0	3.85	30.928	0.0122	-2.5 to 2.5	Pass
				10	3.85	27.680	0.0109	-2.5 to 2.5	Pass
				30	3.85	22.273	0.0088	-2.5 to 2.5	Pass
				40	3.85	16.737	0.0066	-2.5 to 2.5	Pass
				50	3.85	13.990	0.0055	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-24.519	-0.0096	-2.5 to 2.5	Pass
					3.85	-35.563	-0.0139	-2.5 to 2.5	Pass
					4.43	14.334	0.0056	-2.5 to 2.5	Pass
				-30	3.85	27.480	0.0107	-2.5 to 2.5	Pass
				-20	3.85	-1.931	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	20.843	0.0081	-2.5 to 2.5	Pass
				0	3.85	0.358	0.0001	-2.5 to 2.5	Pass
				10	3.85	20.199	0.0079	-2.5 to 2.5	Pass
				30	3.85	20.213	0.0079	-2.5 to 2.5	Pass

16QAM	2510	100	0	40	3.85	11.001	0.0043	-2.5 to 2.5	Pass
				50	3.85	10.958	0.0043	-2.5 to 2.5	Pass
				20	3.27	22.430	0.0089	-2.5 to 2.5	Pass
					3.85	-36.106	-0.0144	-2.5 to 2.5	Pass
					4.43	-20.885	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-15.378	-0.0061	-2.5 to 2.5	Pass
				-20	3.85	-7.997	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-32.601	-0.0130	-2.5 to 2.5	Pass
				0	3.85	-23.832	-0.0095	-2.5 to 2.5	Pass
				10	3.85	1.473	0.0006	-2.5 to 2.5	Pass
				30	3.85	6.652	0.0027	-2.5 to 2.5	Pass
				40	3.85	3.762	0.0015	-2.5 to 2.5	Pass
	2535	100	0	50	3.85	-29.540	-0.0118	-2.5 to 2.5	Pass
				20	3.27	18.983	0.0075	-2.5 to 2.5	Pass
					3.85	-34.604	-0.0137	-2.5 to 2.5	Pass
					4.43	-16.580	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-12.989	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-15.907	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	24.147	0.0095	-2.5 to 2.5	Pass
				0	3.85	3.219	0.0013	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
				40	3.85	5.965	0.0024	-2.5 to 2.5	Pass
				50	3.85	33.231	0.0131	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	26.107	0.0102	-2.5 to 2.5	Pass
					3.85	-29.068	-0.0114	-2.5 to 2.5	Pass
					4.43	-32.058	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-3.633	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-29.855	-0.0117	-2.5 to 2.5	Pass
				-10	3.85	-42.915	-0.0168	-2.5 to 2.5	Pass
				0	3.85	-11.702	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-27.051	-0.0106	-2.5 to 2.5	Pass
				30	3.85	-23.346	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-12.975	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-14.791	-0.0058	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B7_5MHz

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

3.1.2 B7_10MHz

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

3.1.3 B7_15MHz

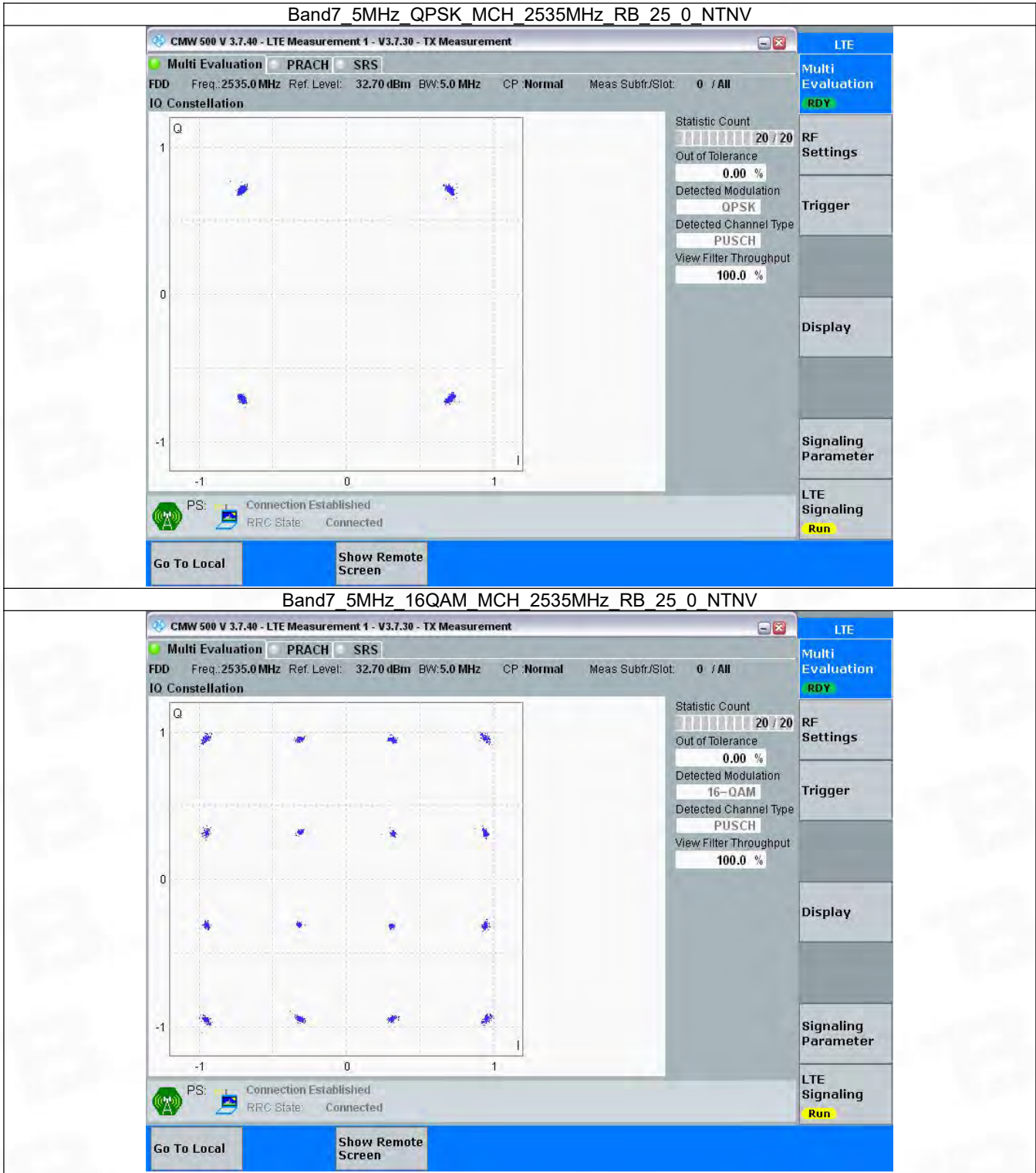
Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	75	0	Refer To Test Graph		Pass
16QAM	2535	75	0	Refer To Test Graph		Pass

3.1.4 B7_20MHz

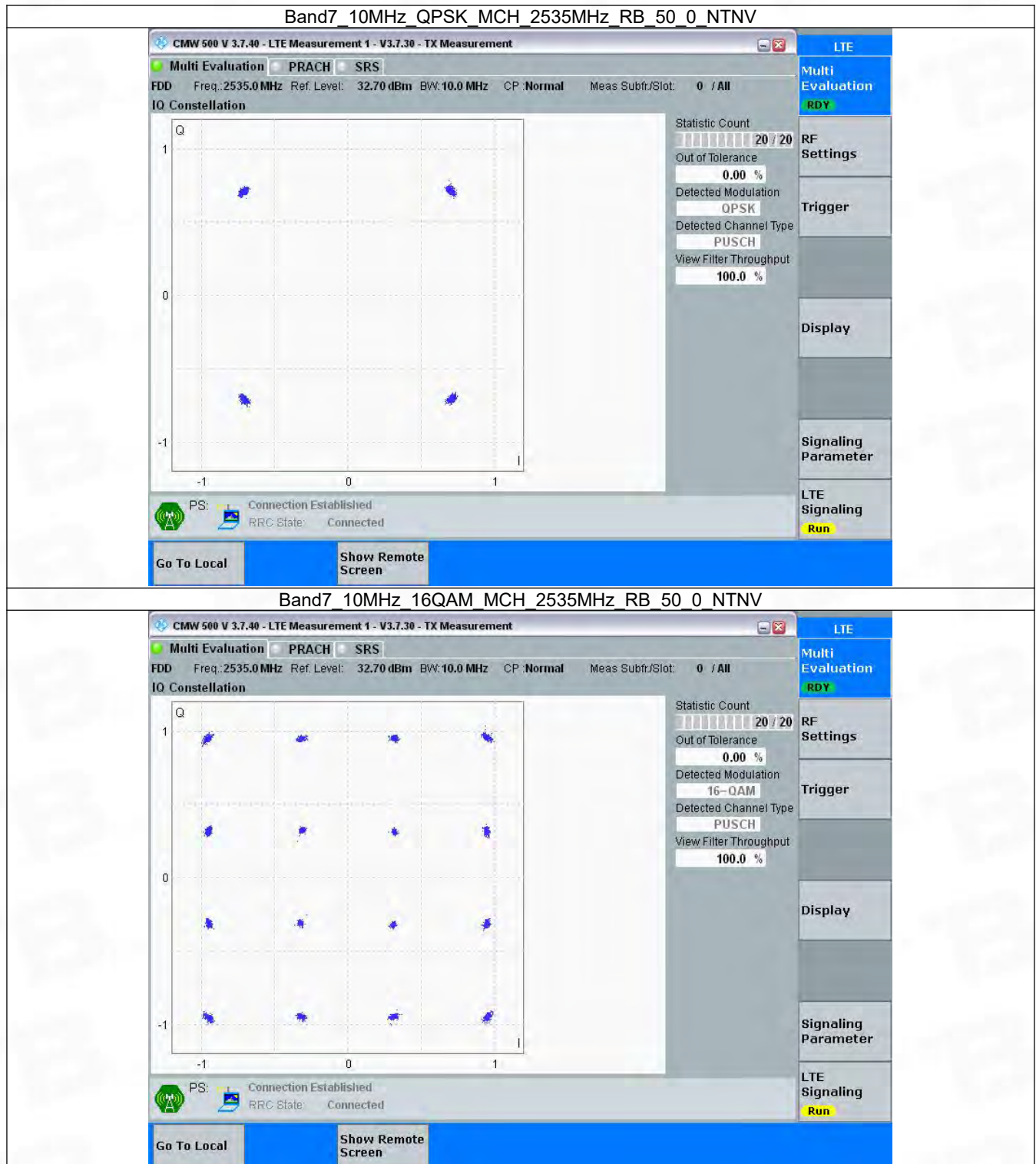
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2535	100	0	Refer To Test Graph		Pass
16QAM	2535	100	0	Refer To Test Graph		Pass

3.2 Test Graph

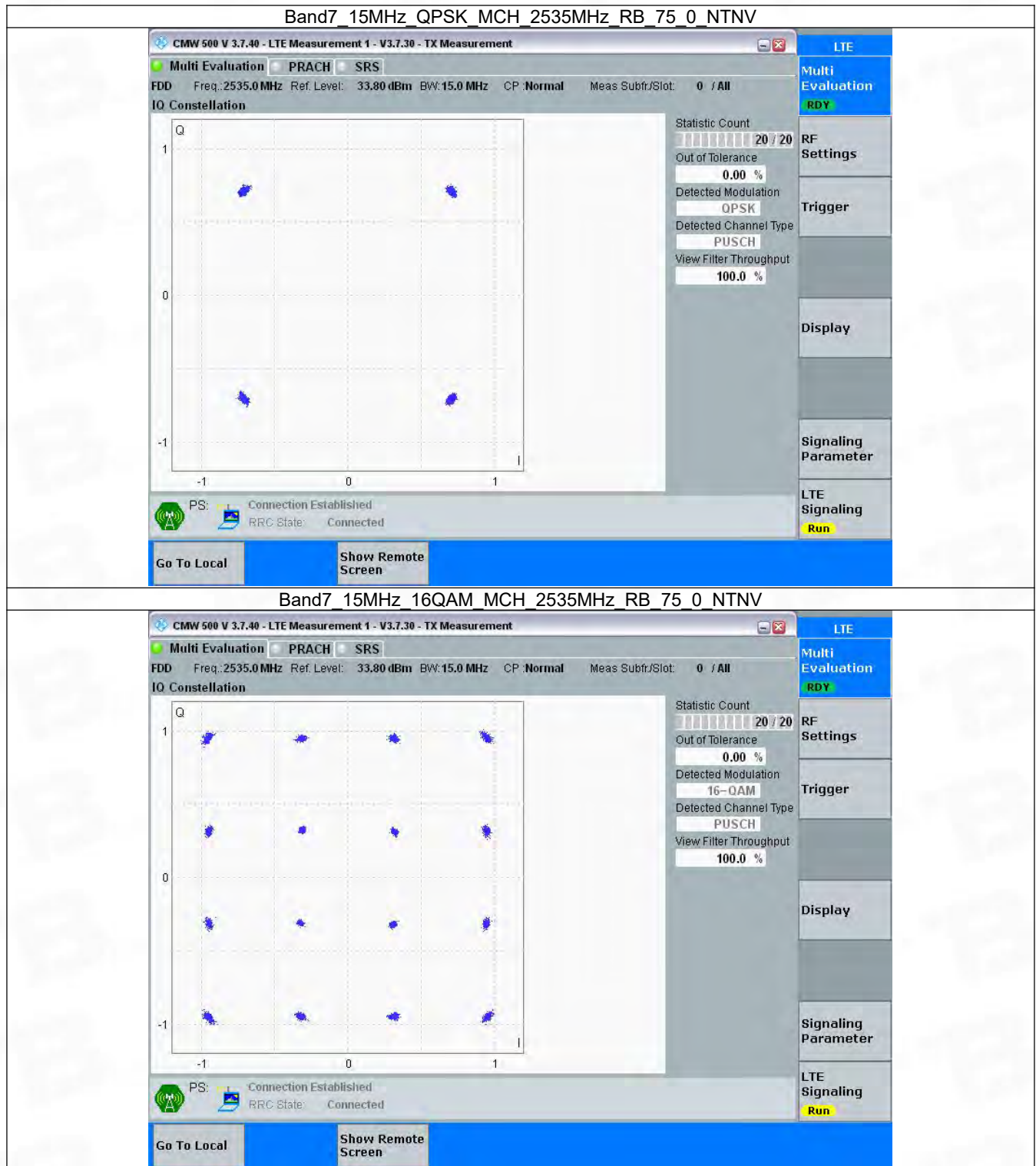
3.2.1 B7_5MHz



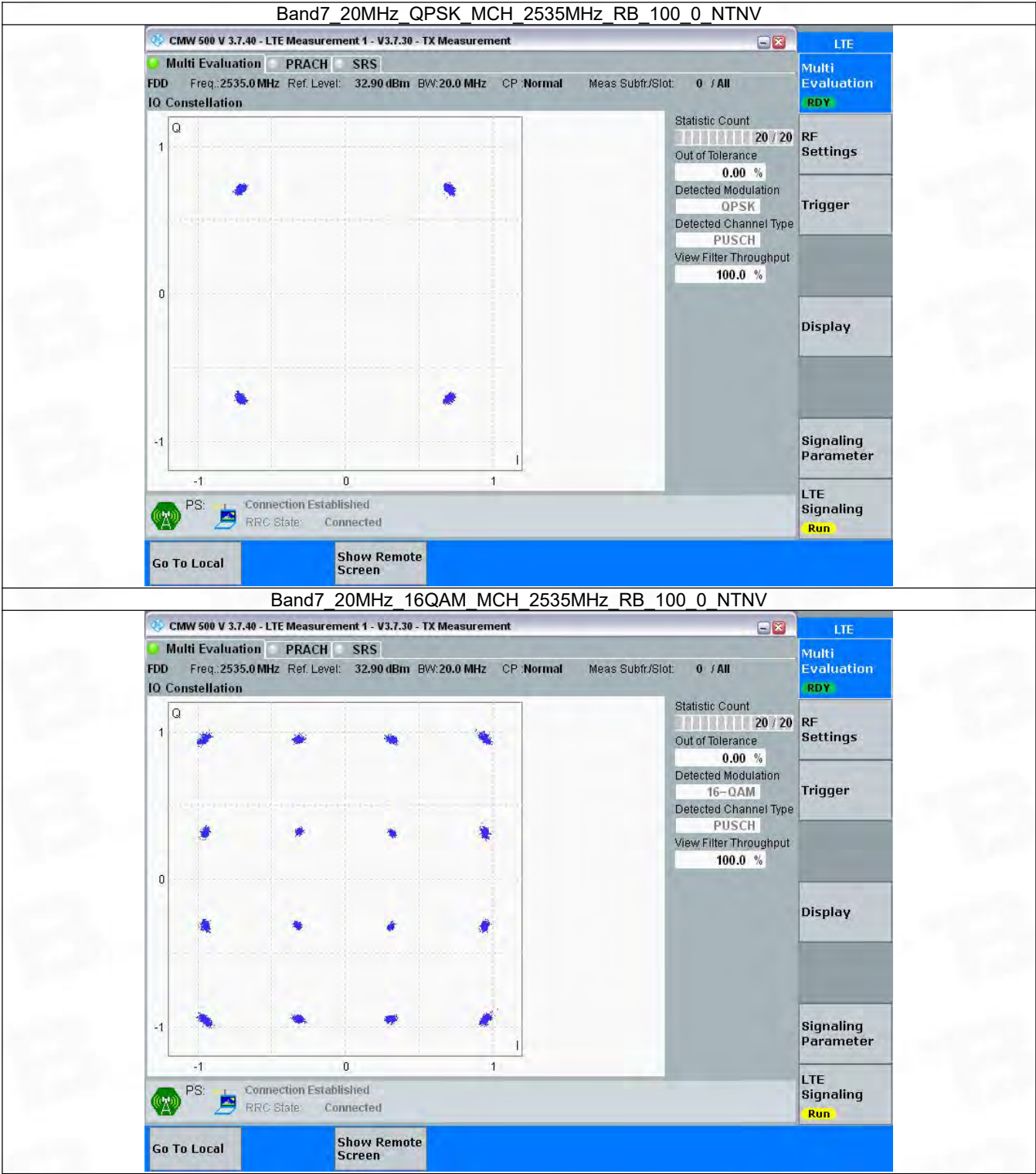
3.2.2 B7_10MHz



3.2.3 B7_15MHz



3.2.4 B7_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.535	/	Pass
		2535	25	0	4.574	/	Pass
		2567.5	25	0	4.547	/	Pass
	16QAM	2502.5	25	0	4.567	/	Pass
		2535	25	0	4.555	/	Pass
		2567.5	25	0	4.561	/	Pass
10	QPSK	2505	50	0	9.077	/	Pass
		2535	50	0	9.048	/	Pass
		2565	50	0	9.067	/	Pass
	16QAM	2505	50	0	9.051	/	Pass
		2535	50	0	9.113	/	Pass
		2565	50	0	9.046	/	Pass
15	QPSK	2507.5	75	0	13.548	/	Pass
		2535	75	0	13.585	/	Pass
		2562.5	75	0	13.594	/	Pass
	16QAM	2507.5	75	0	13.609	/	Pass
		2535	75	0	13.671	/	Pass
		2562.5	75	0	13.567	/	Pass
20	QPSK	2510	100	0	18.093	/	Pass
		2535	100	0	18.123	/	Pass
		2560	100	0	18.097	/	Pass
	16QAM	2510	100	0	18.094	/	Pass
		2535	100	0	18.182	/	Pass
		2560	100	0	18.113	/	Pass

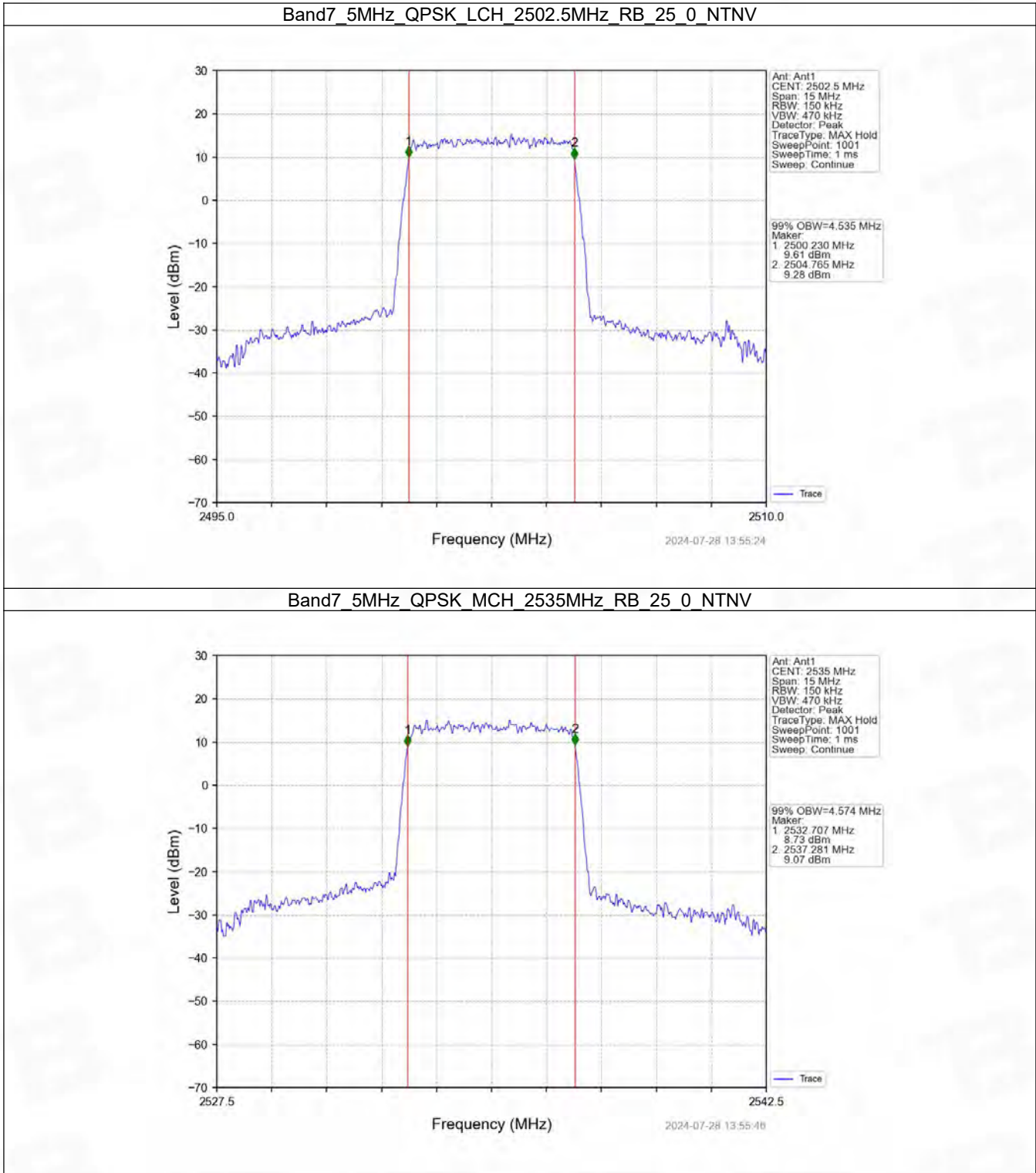
4.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.082	/	Pass
		2535	25	0	5.038	/	Pass
		2567.5	25	0	5.060	/	Pass
	16QAM	2502.5	25	0	5.074	/	Pass
		2535	25	0	5.051	/	Pass
		2567.5	25	0	5.076	/	Pass
10	QPSK	2505	50	0	10.013	/	Pass
		2535	50	0	10.069	/	Pass
		2565	50	0	10.064	/	Pass
	16QAM	2505	50	0	10.069	/	Pass
		2535	50	0	10.109	/	Pass
		2565	50	0	10.088	/	Pass
15	QPSK	2507.5	75	0	15.088	/	Pass
		2535	75	0	15.127	/	Pass
		2562.5	75	0	15.060	/	Pass

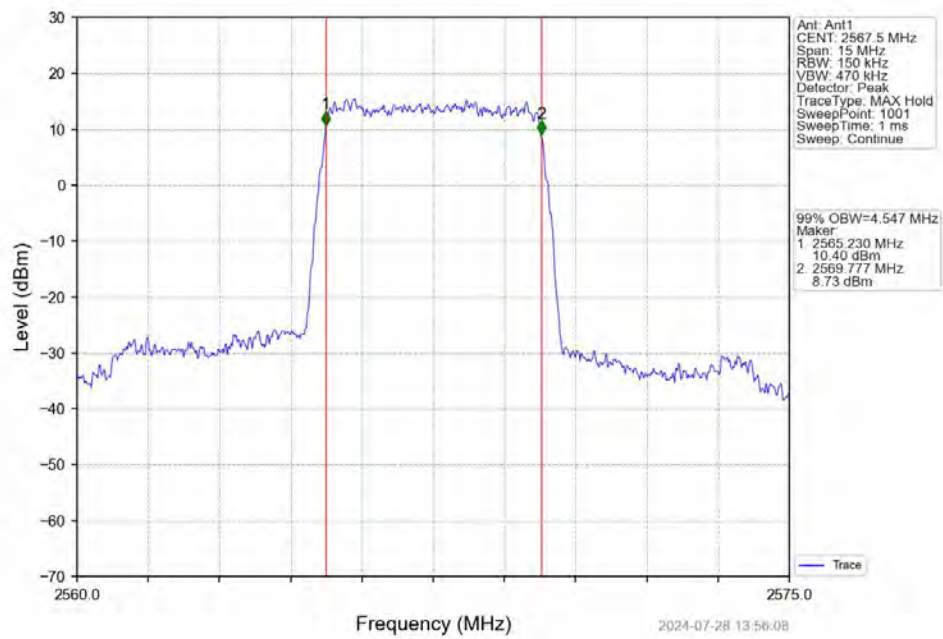
	16QAM	2507.5	75	0	15.084	/	Pass
		2535	75	0	15.170	/	Pass
		2562.5	75	0	15.008	/	Pass
20	QPSK	2510	100	0	19.876	/	Pass
		2535	100	0	20.028	/	Pass
		2560	100	0	19.939	/	Pass
	16QAM	2510	100	0	20.028	/	Pass
		2535	100	0	20.076	/	Pass
		2560	100	0	19.966	/	Pass

4.2 Test Graph

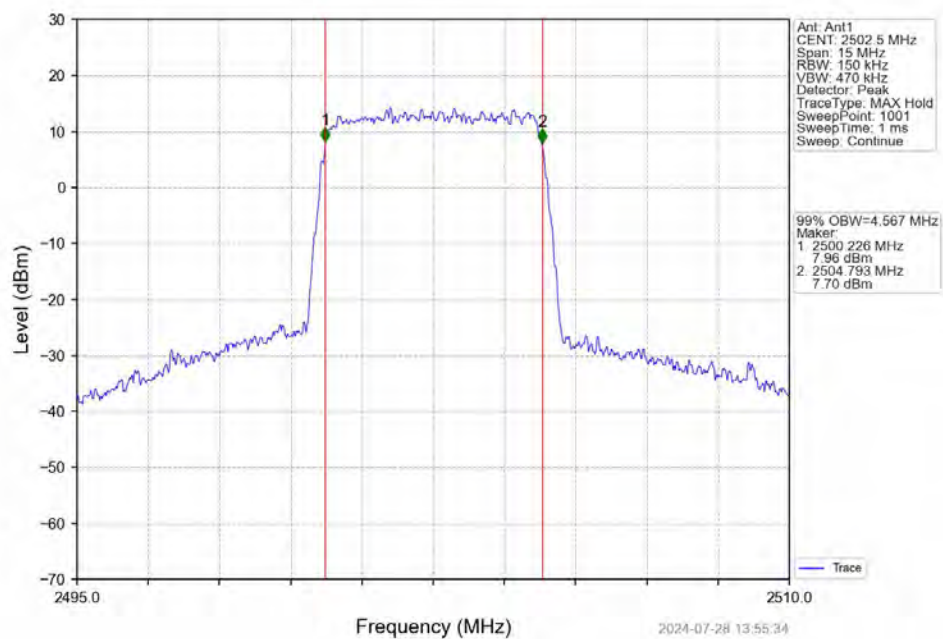
4.2.1 Band7_OBW



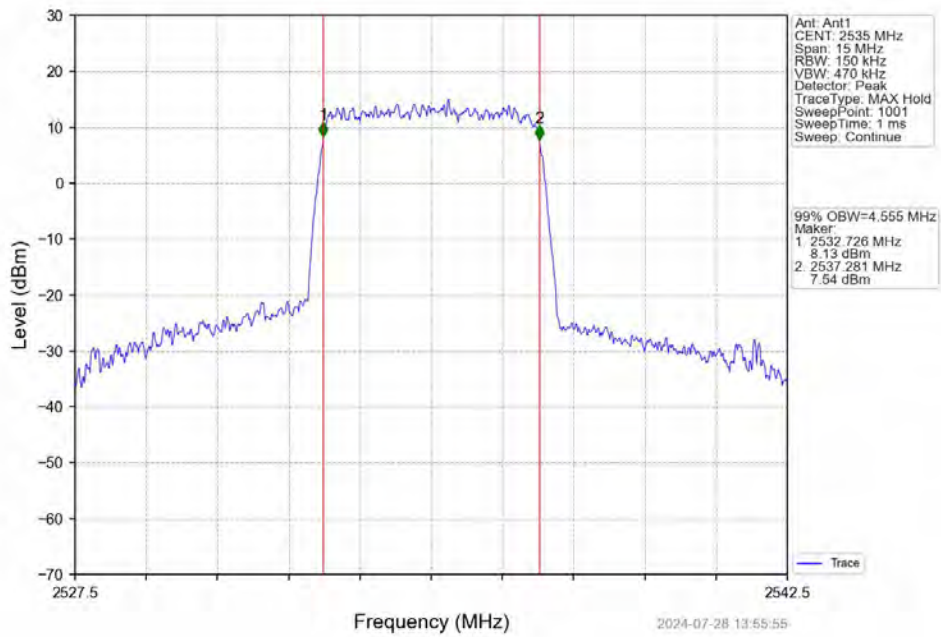
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



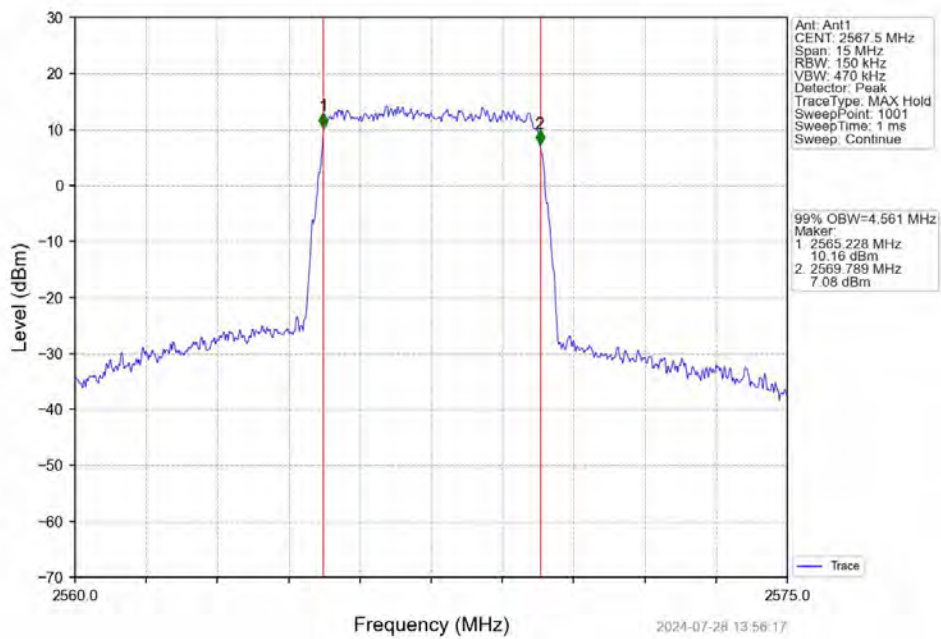
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



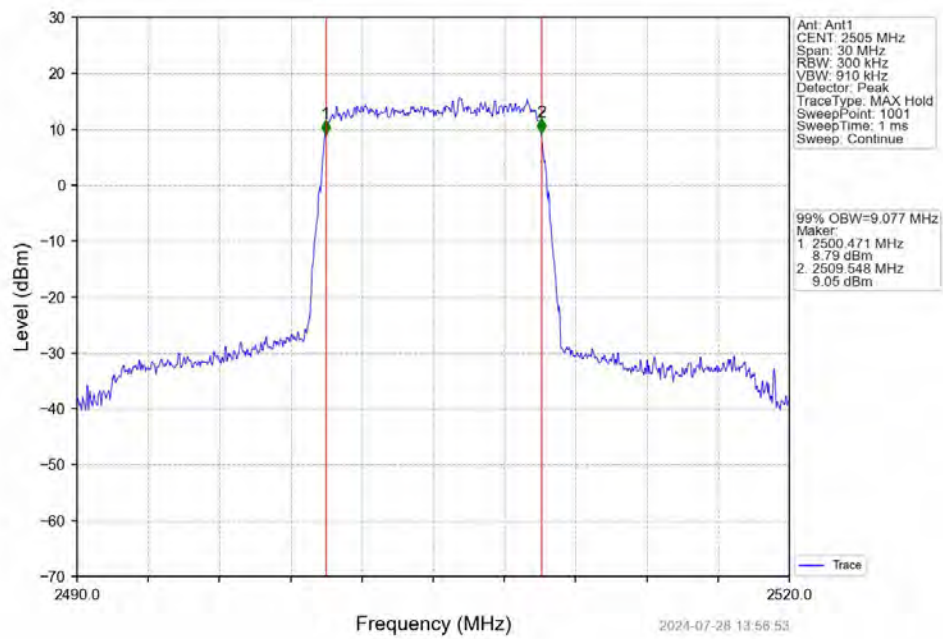
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



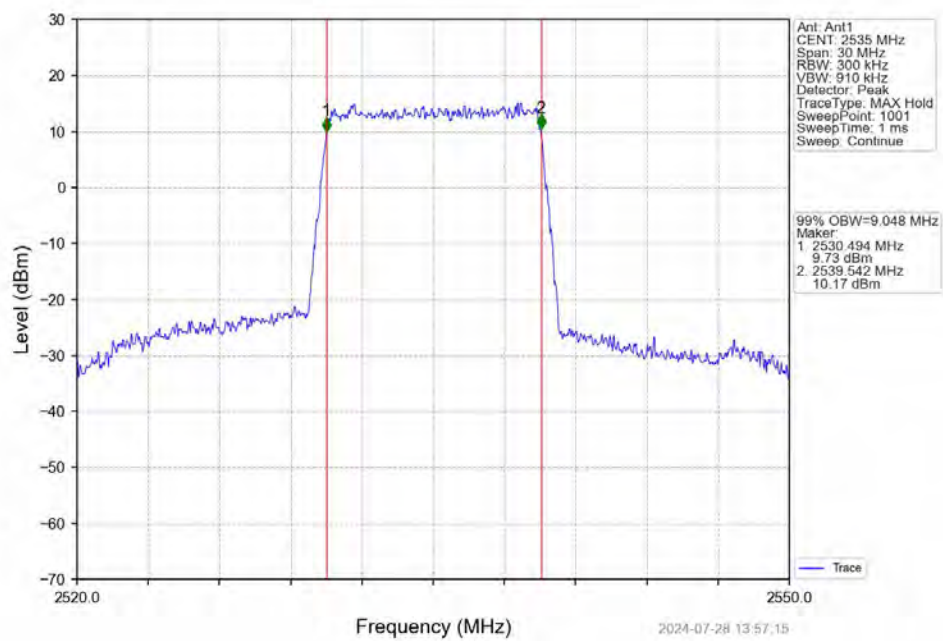
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



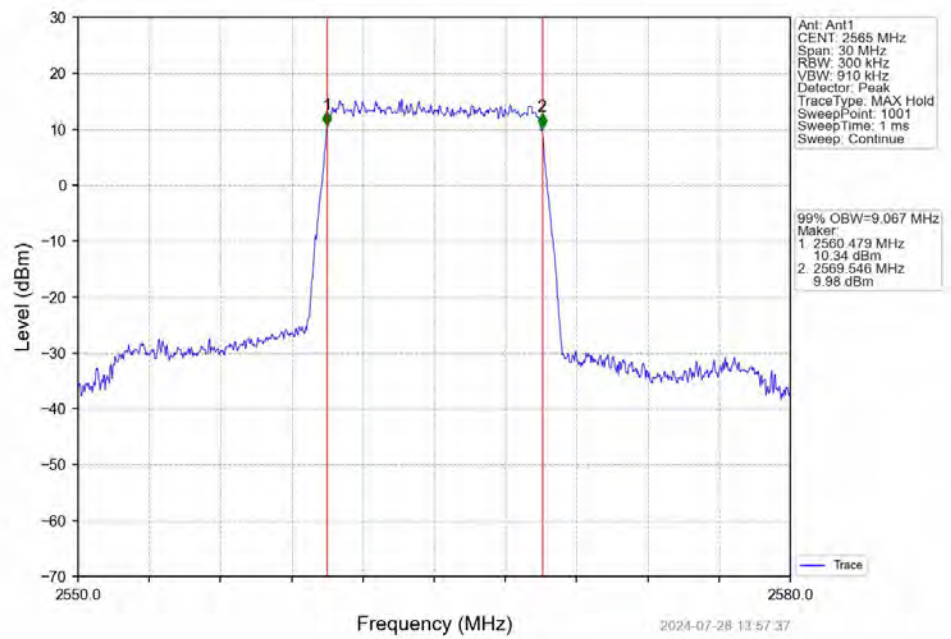
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



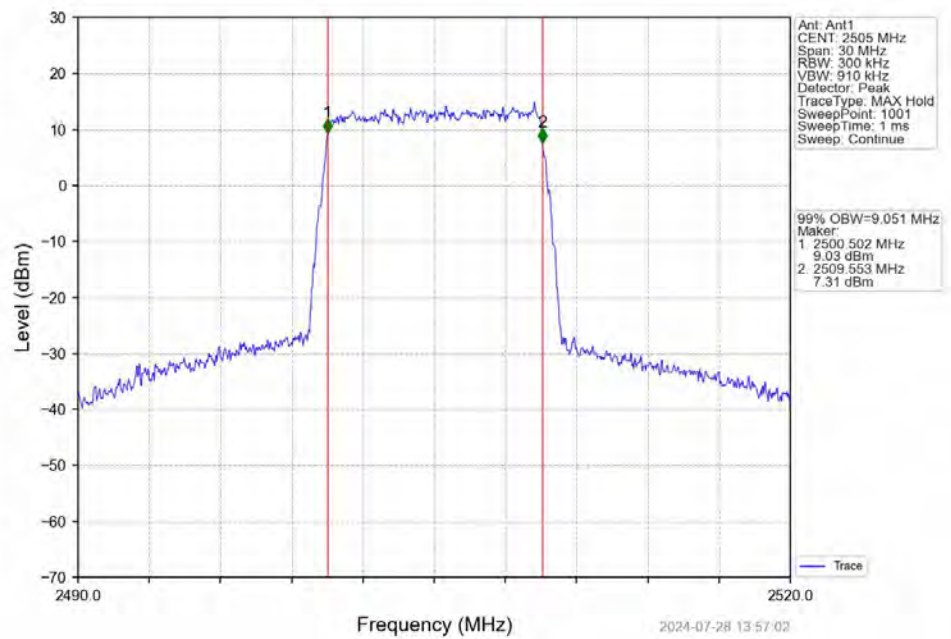
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



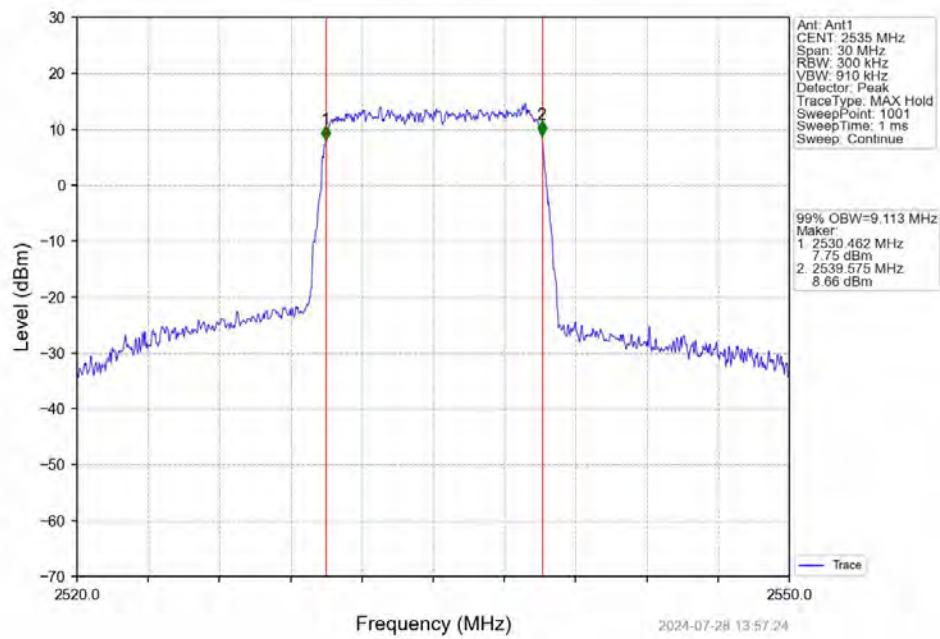
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



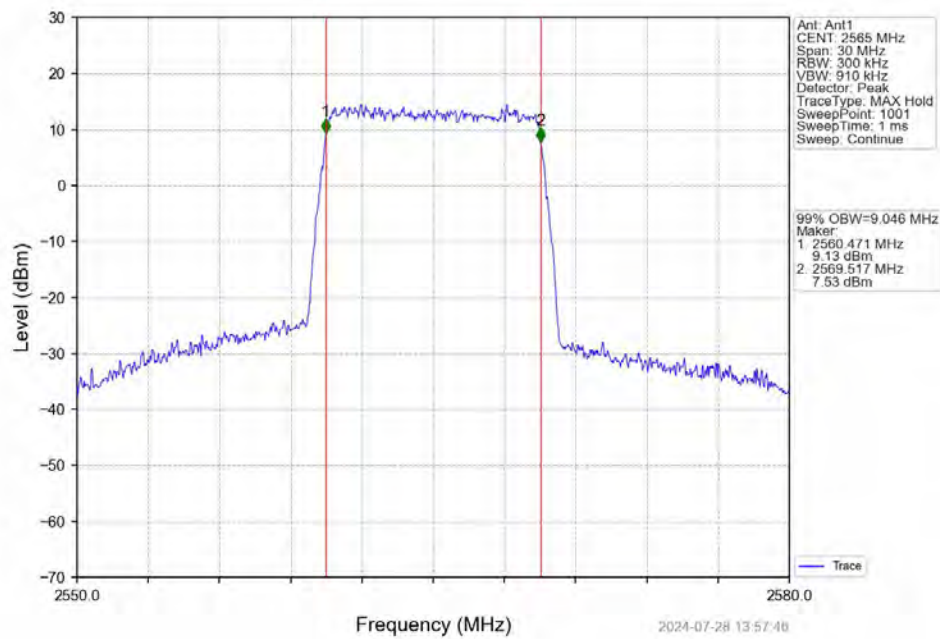
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



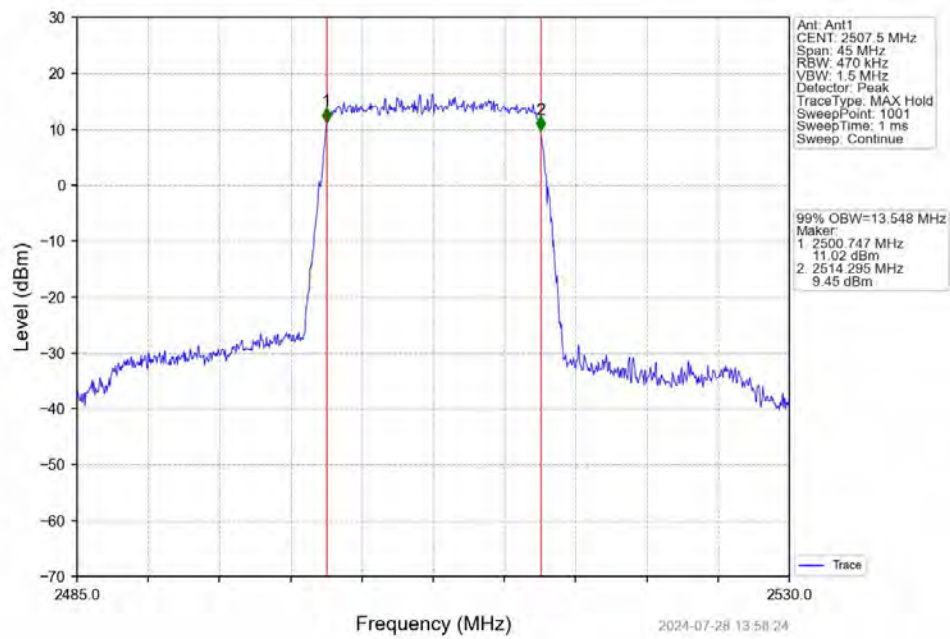
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



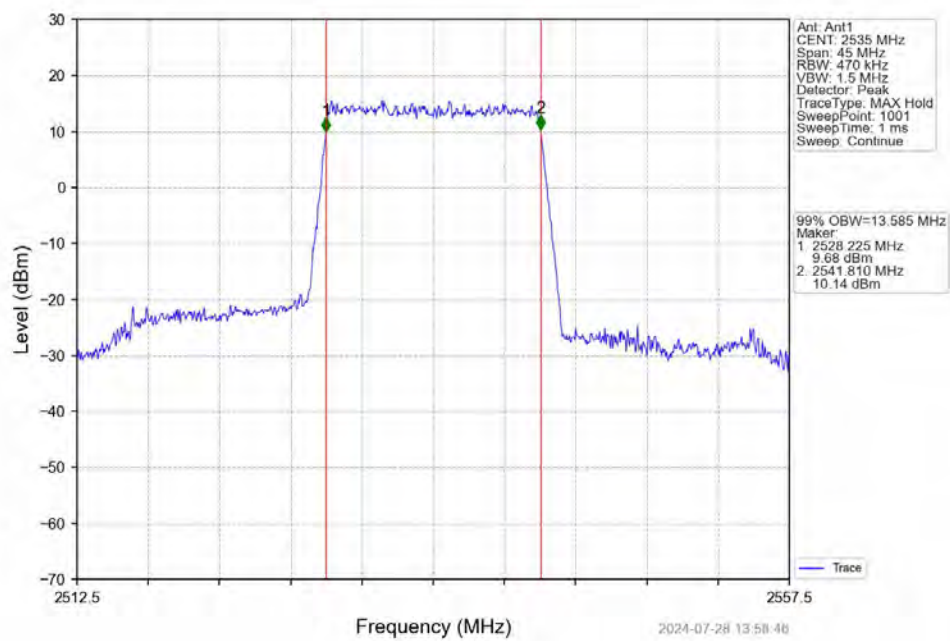
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



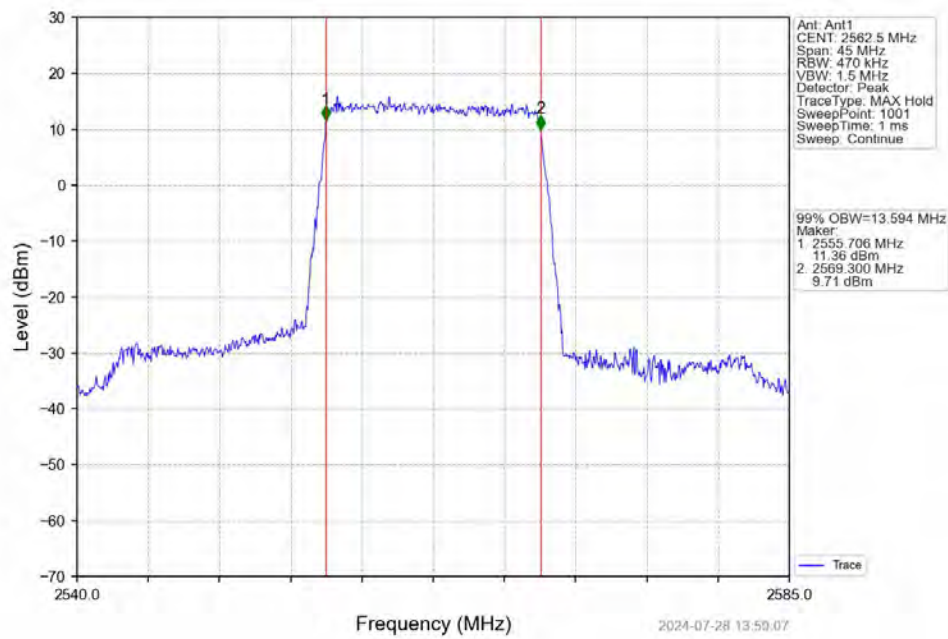
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



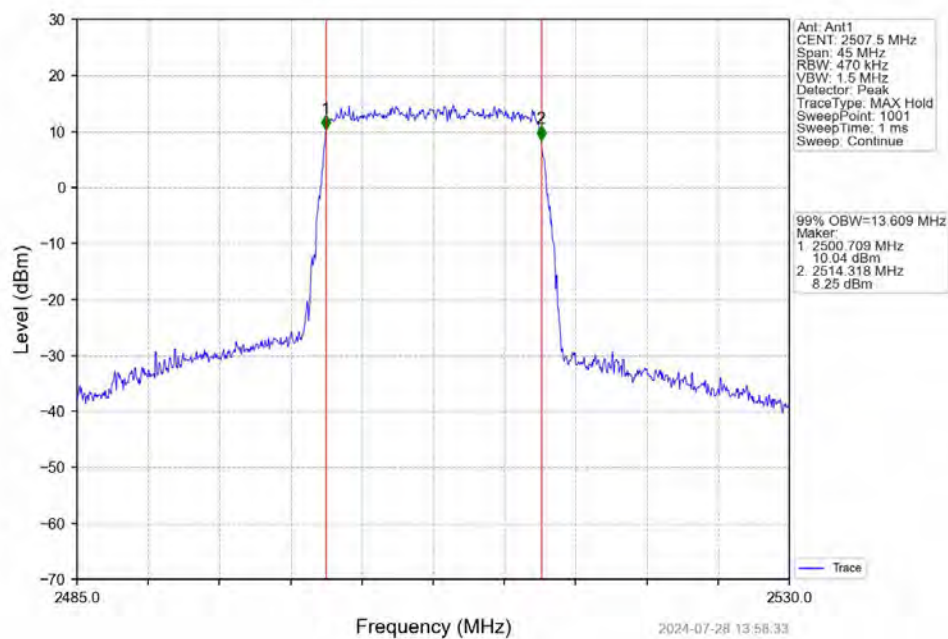
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



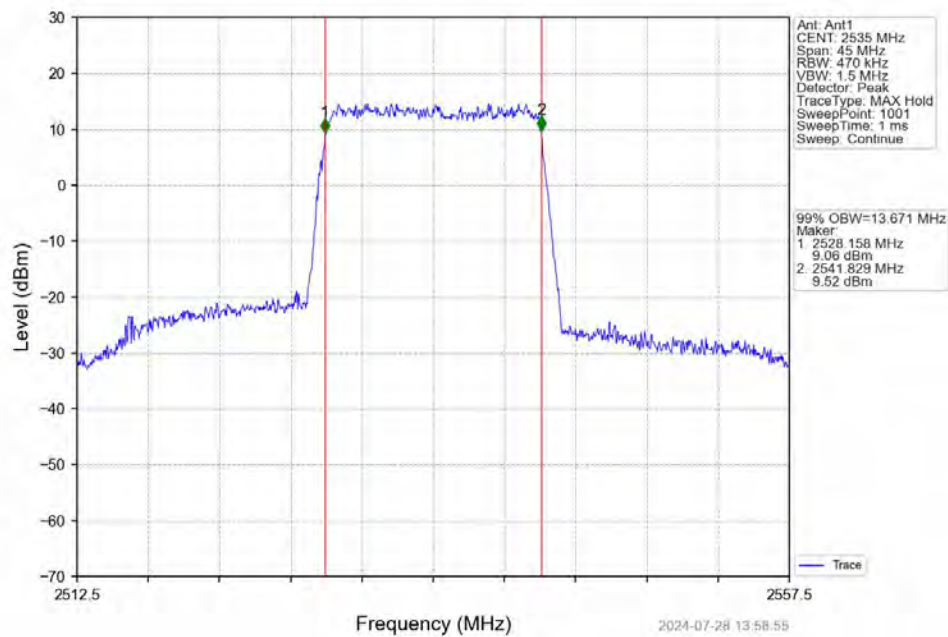
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



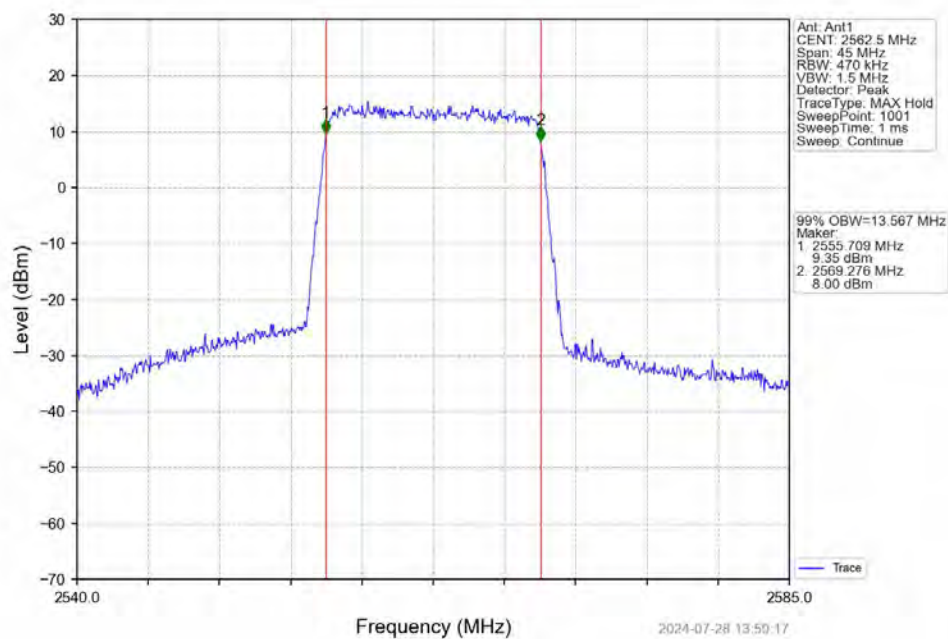
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



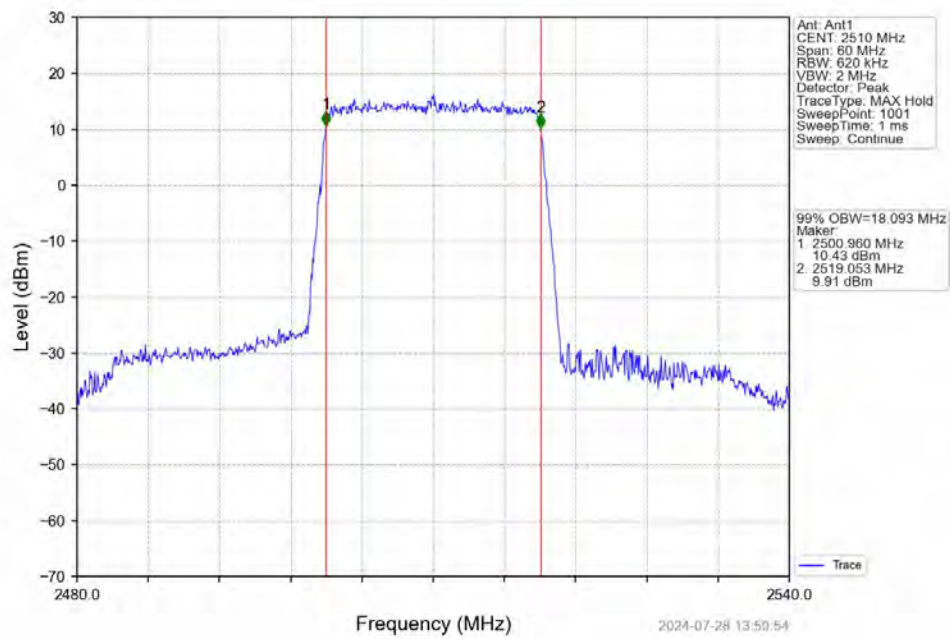
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



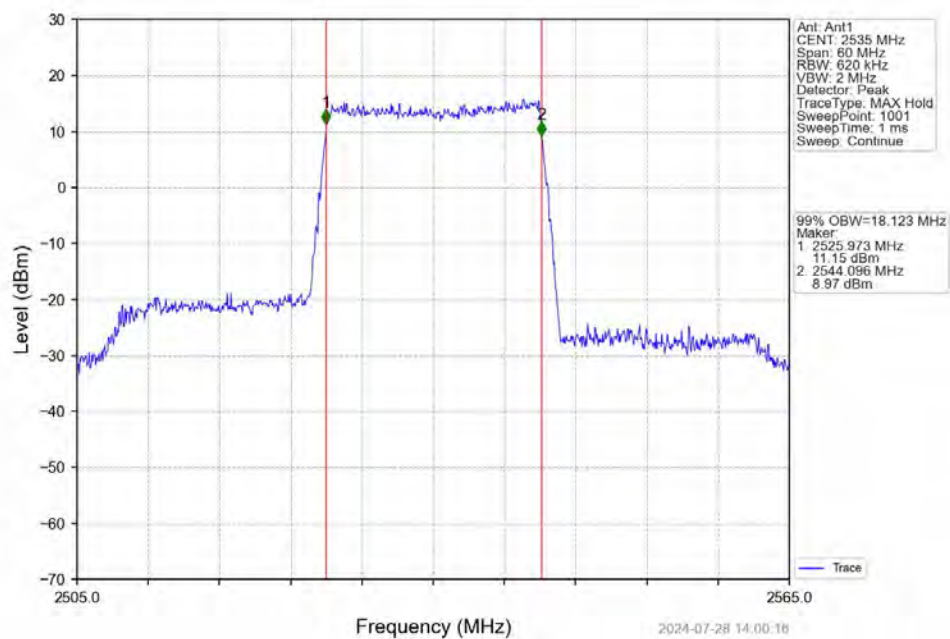
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



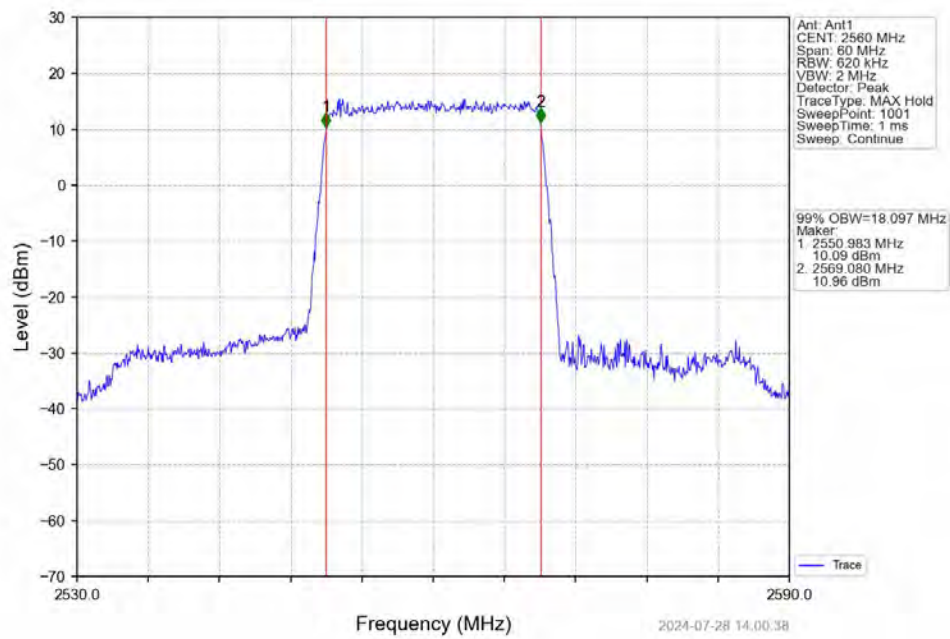
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



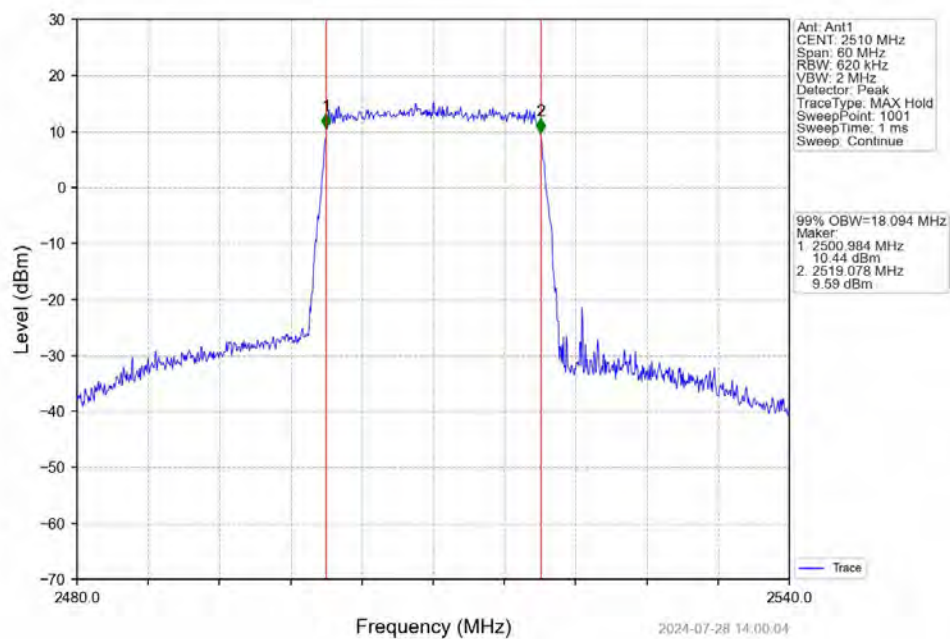
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

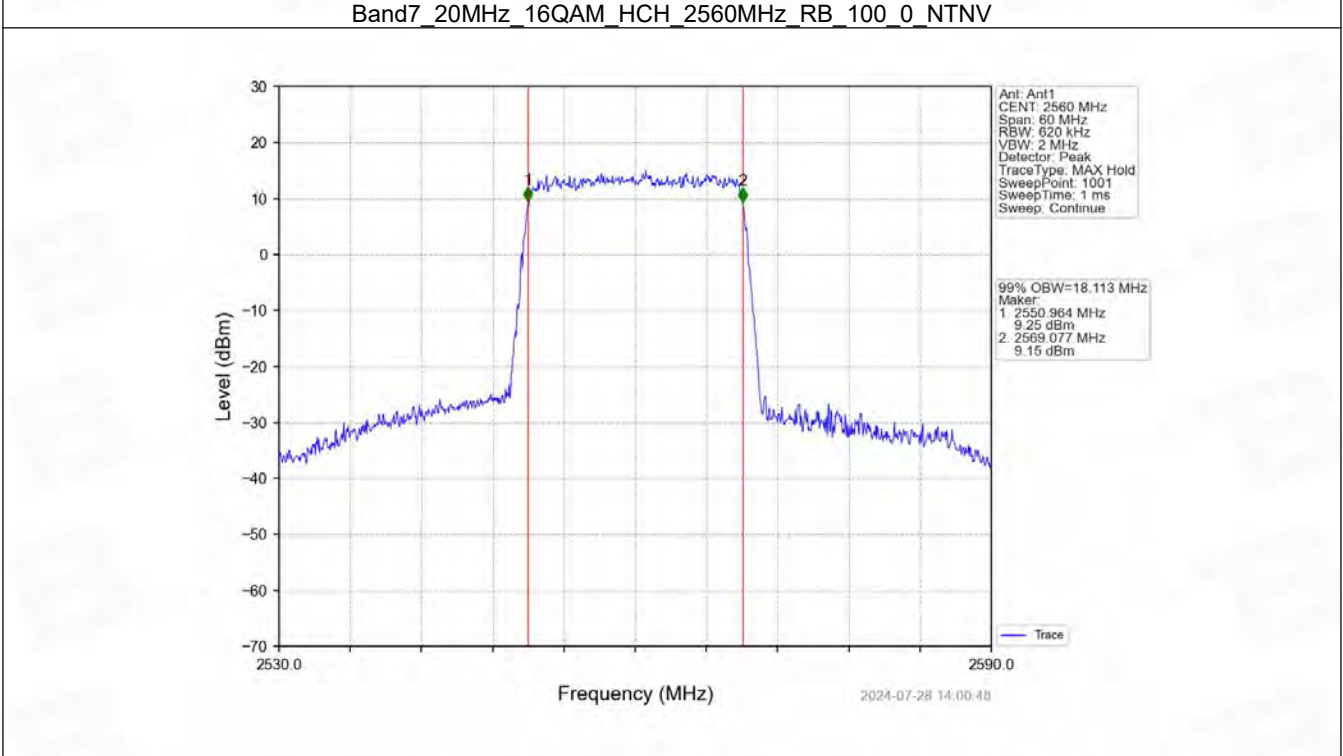
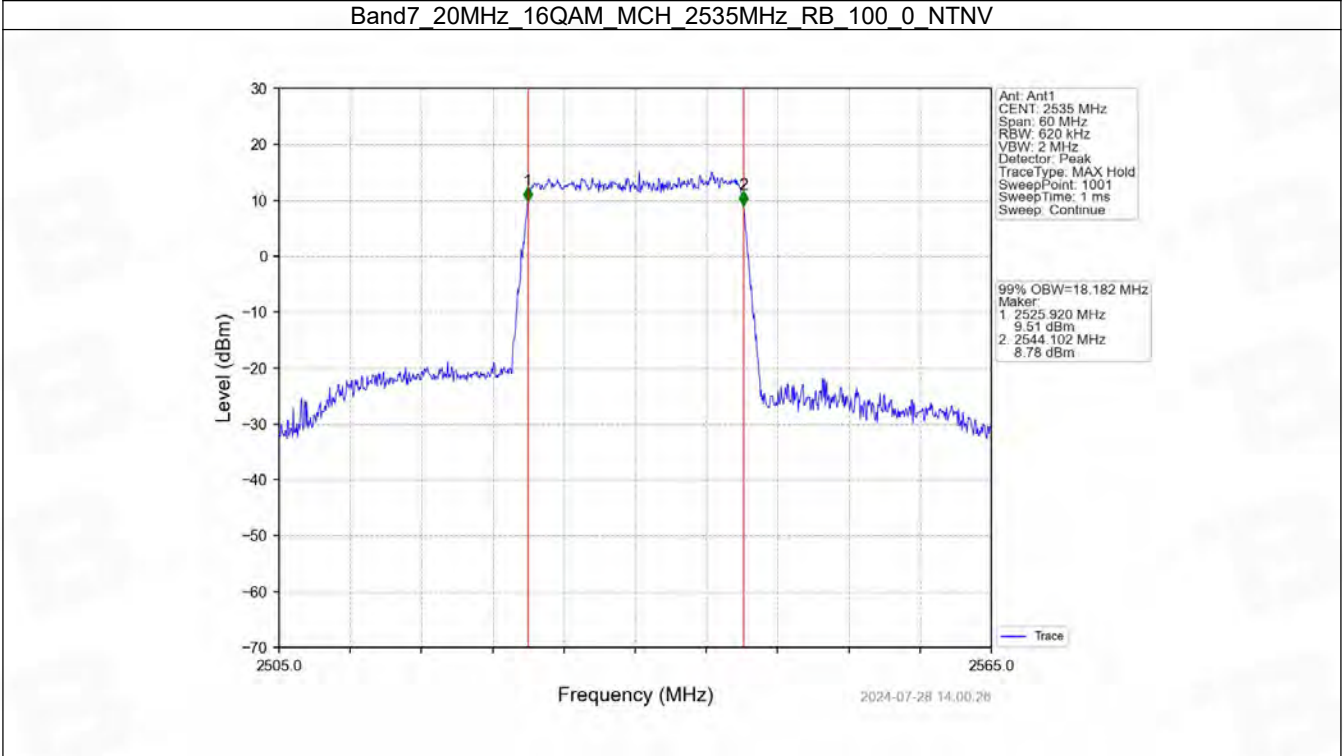


Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV

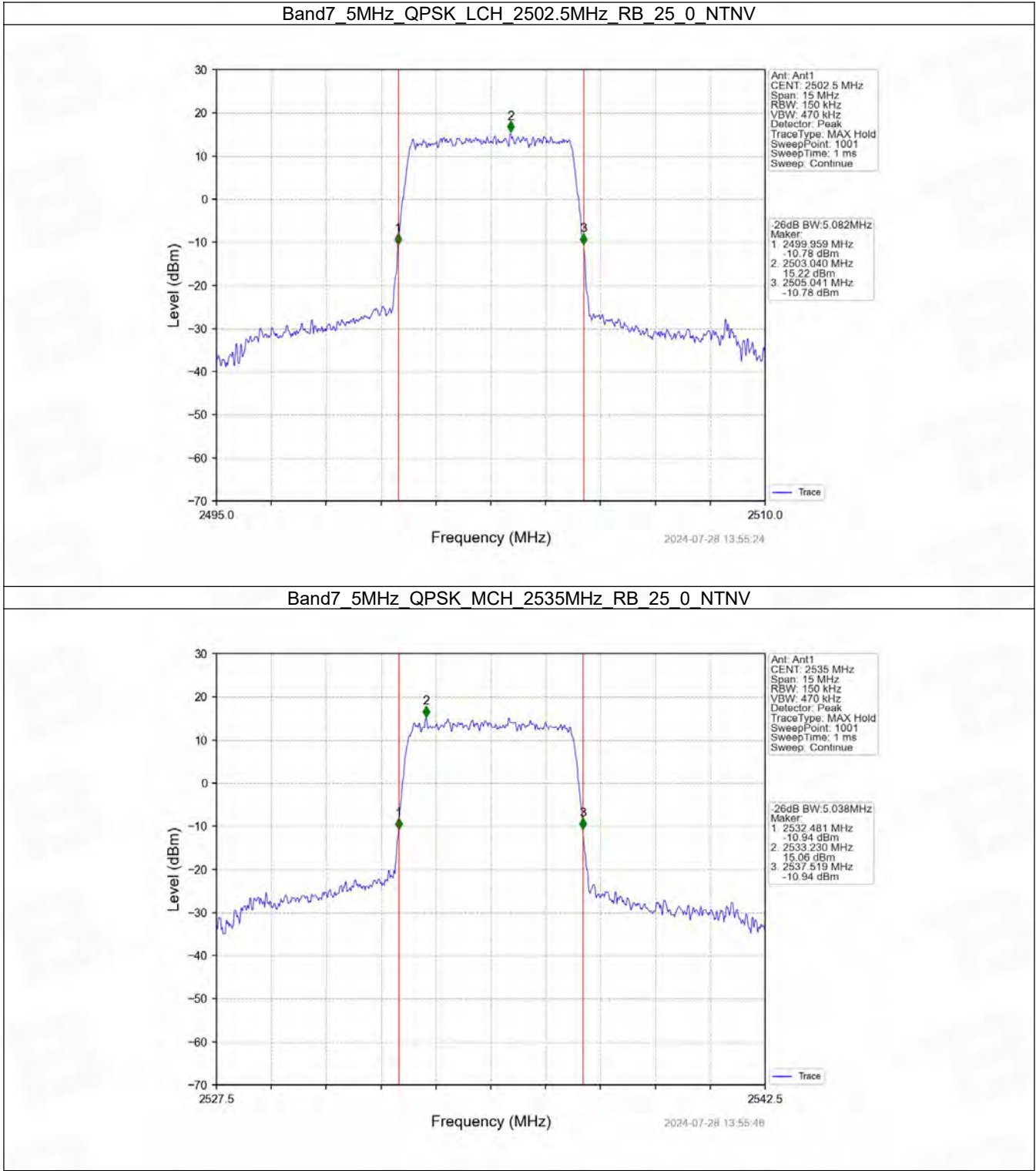


Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV

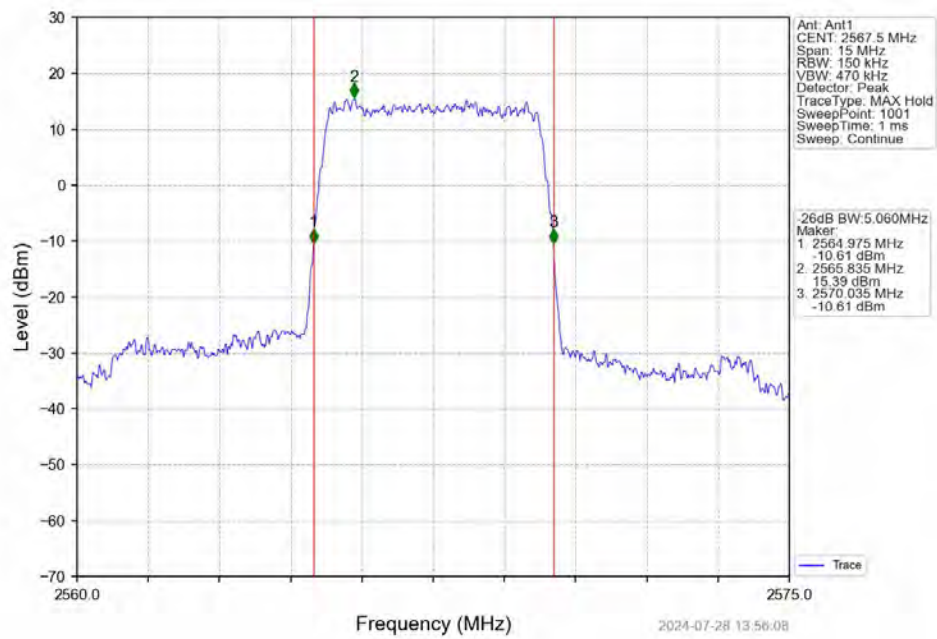




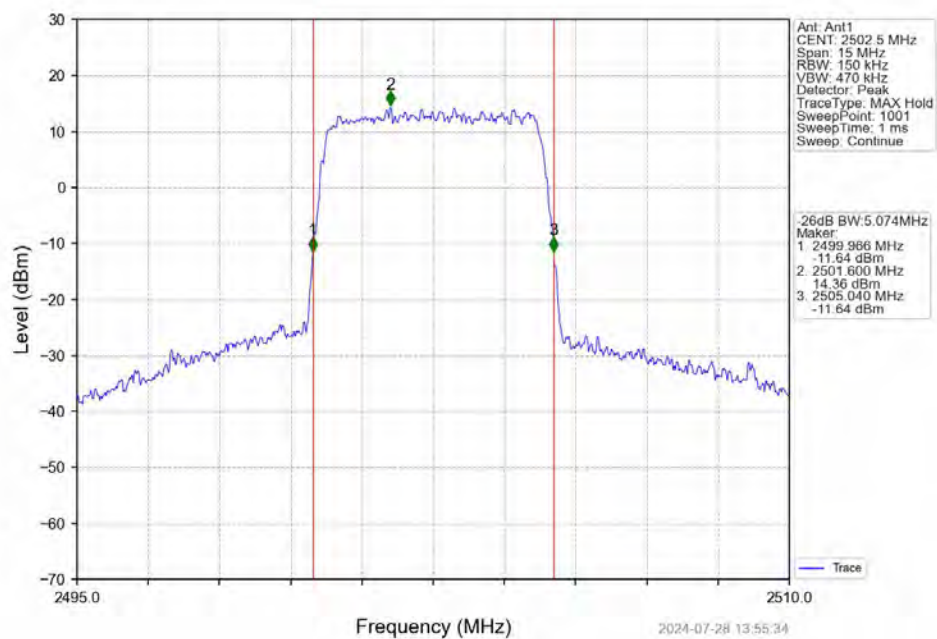
4.2.2 Band7_XDB



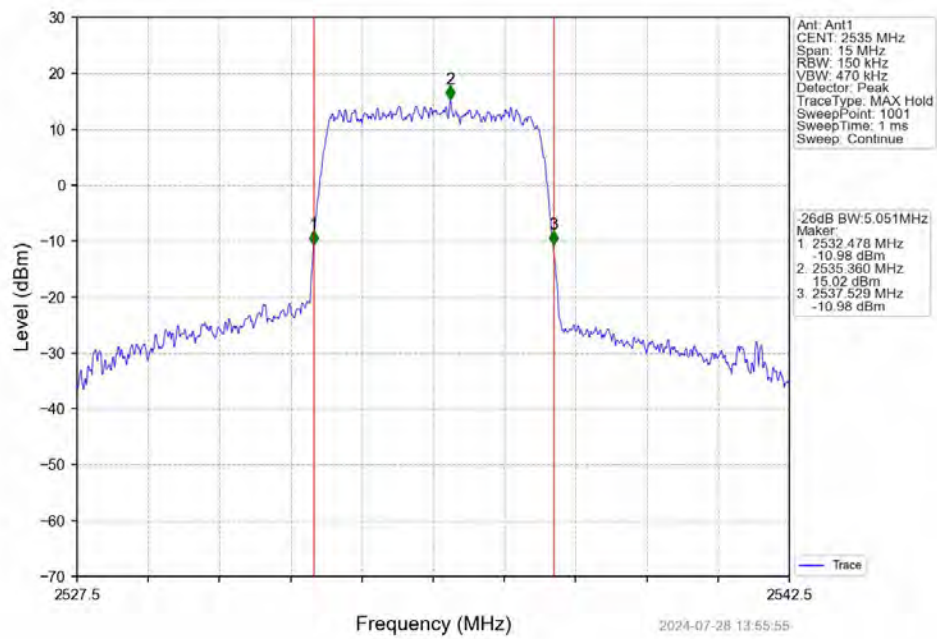
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



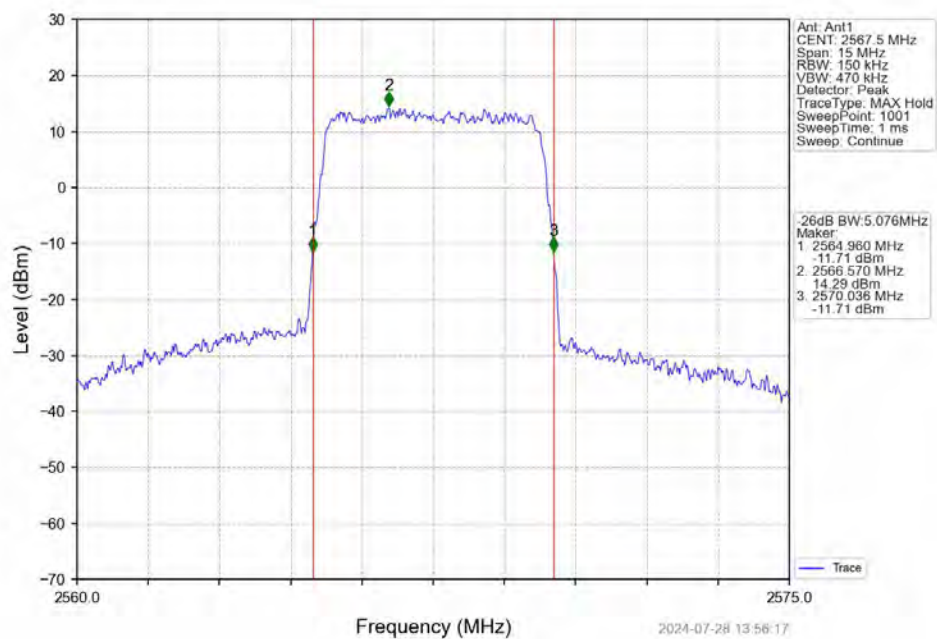
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



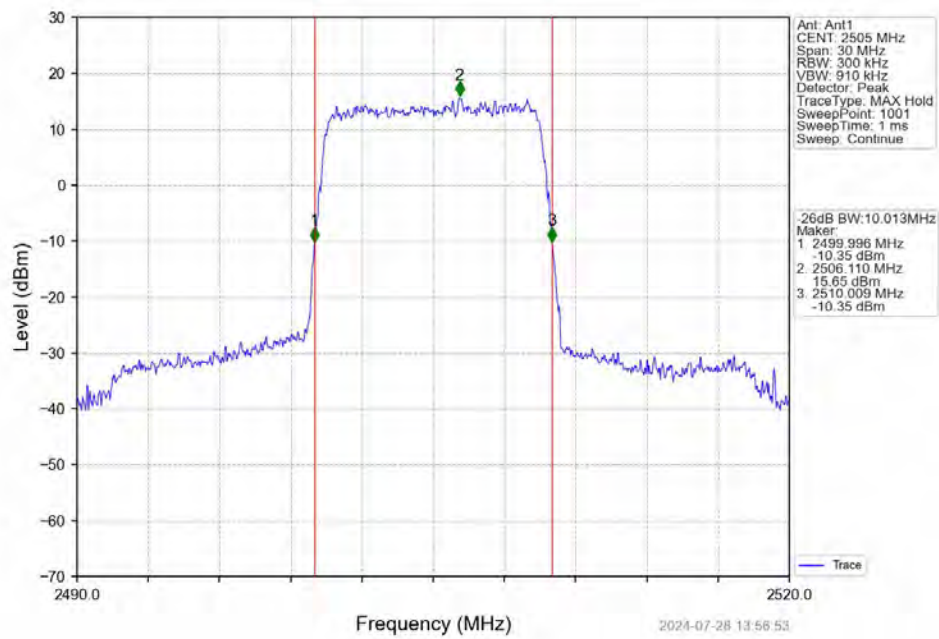
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



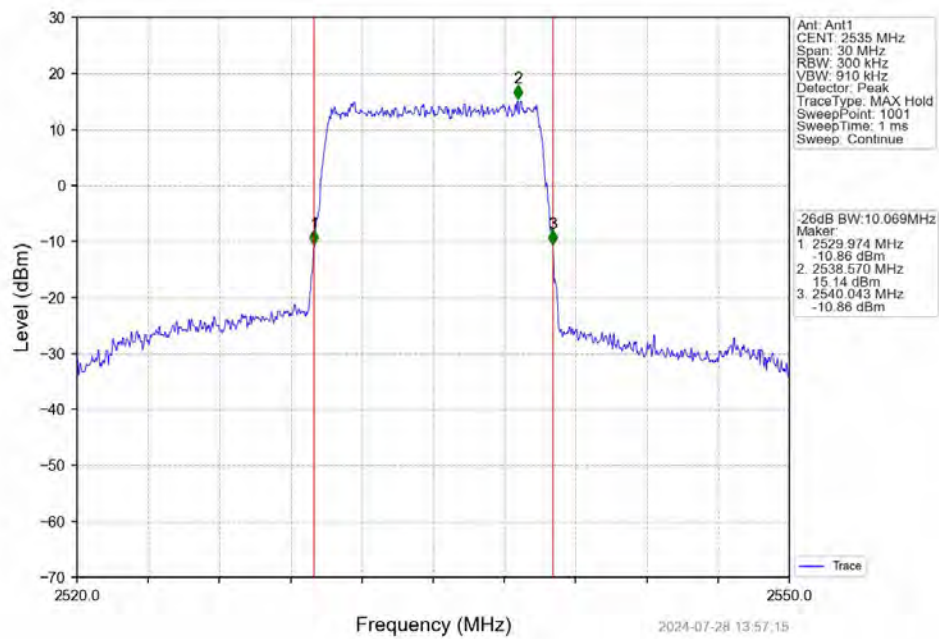
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



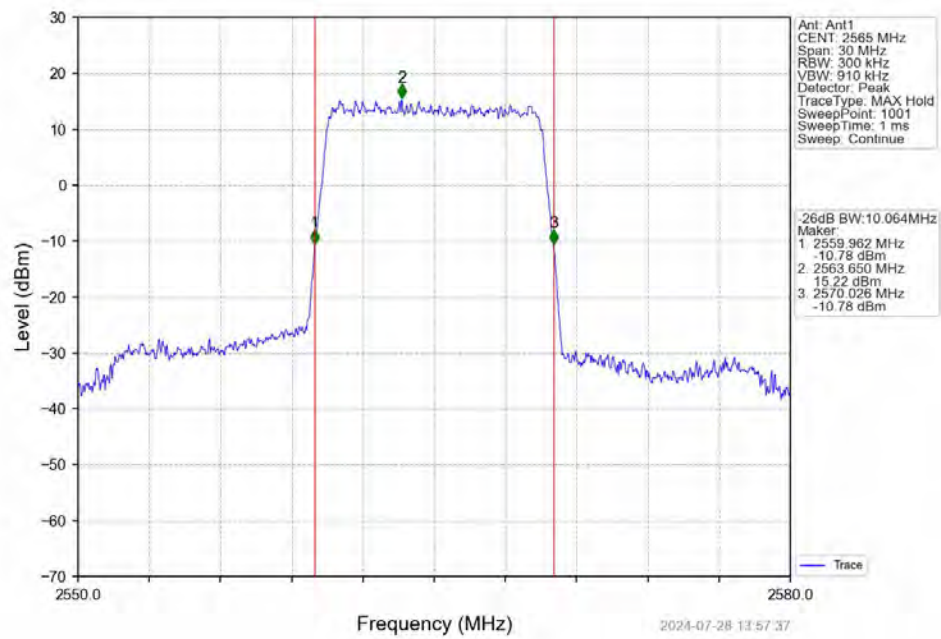
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



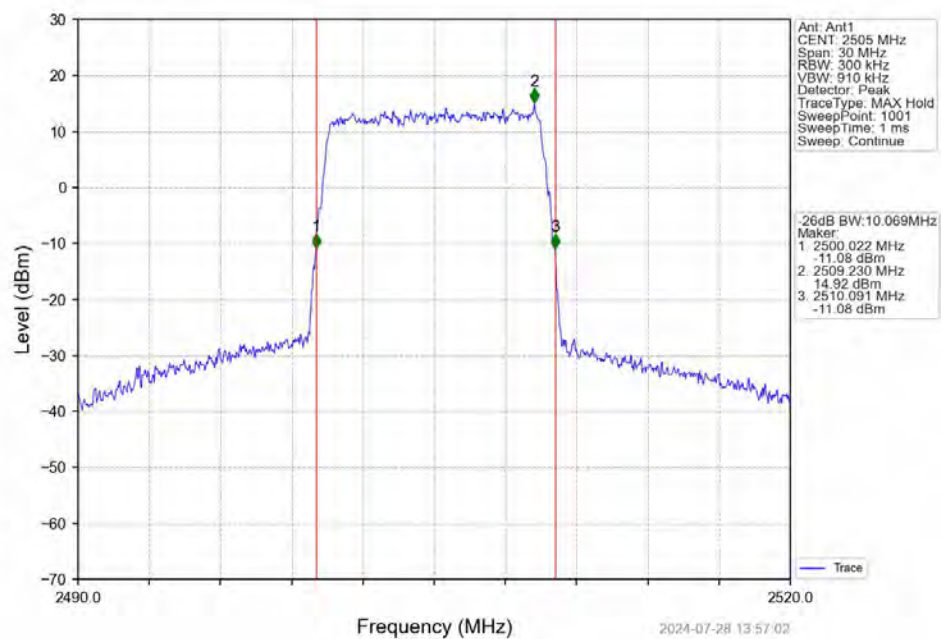
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



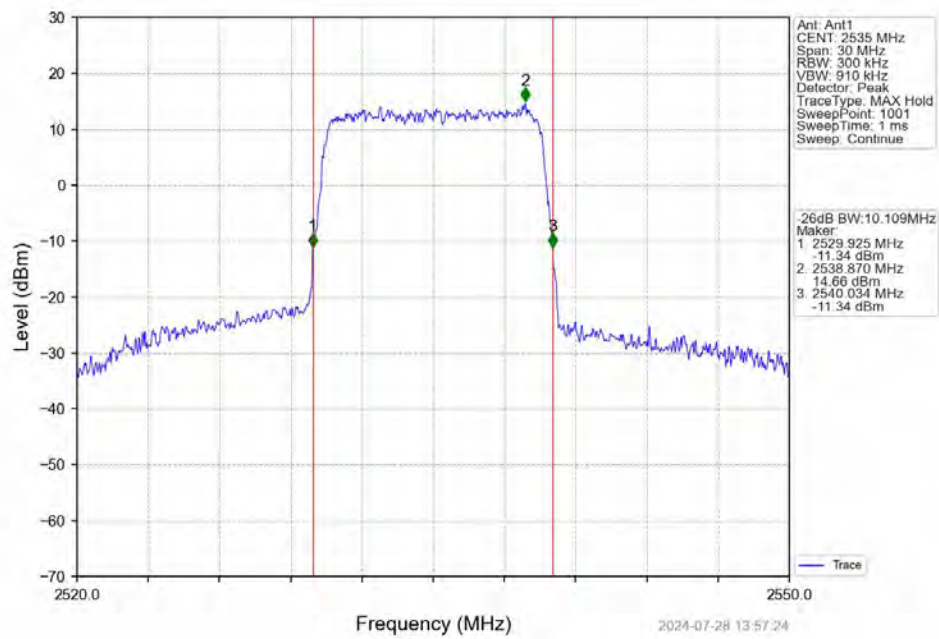
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



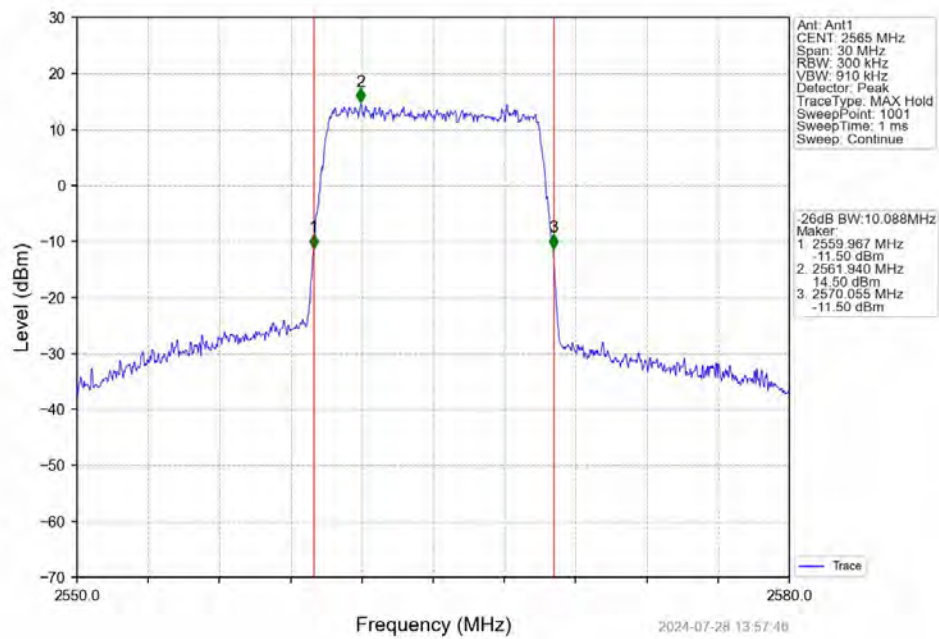
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



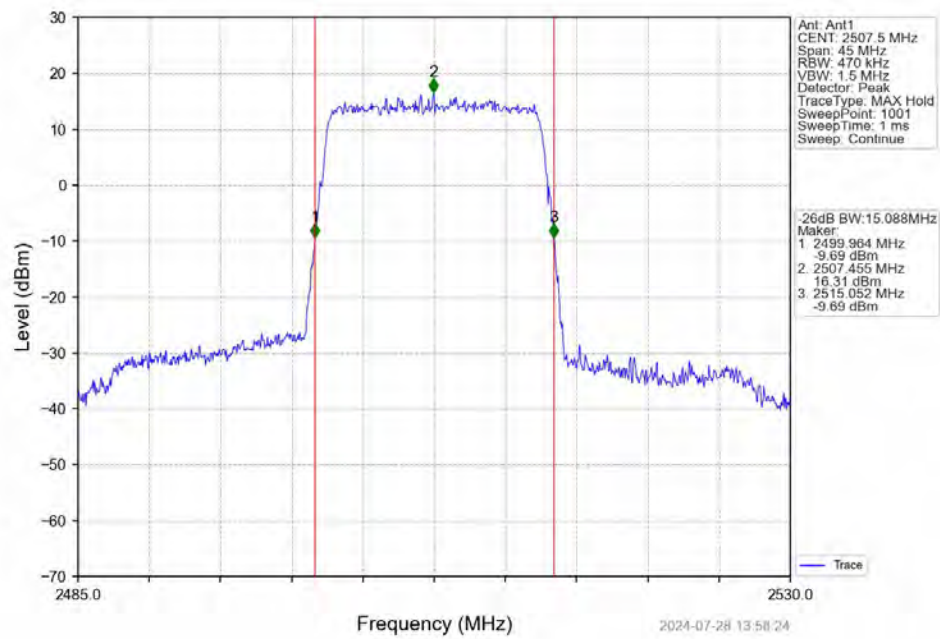
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



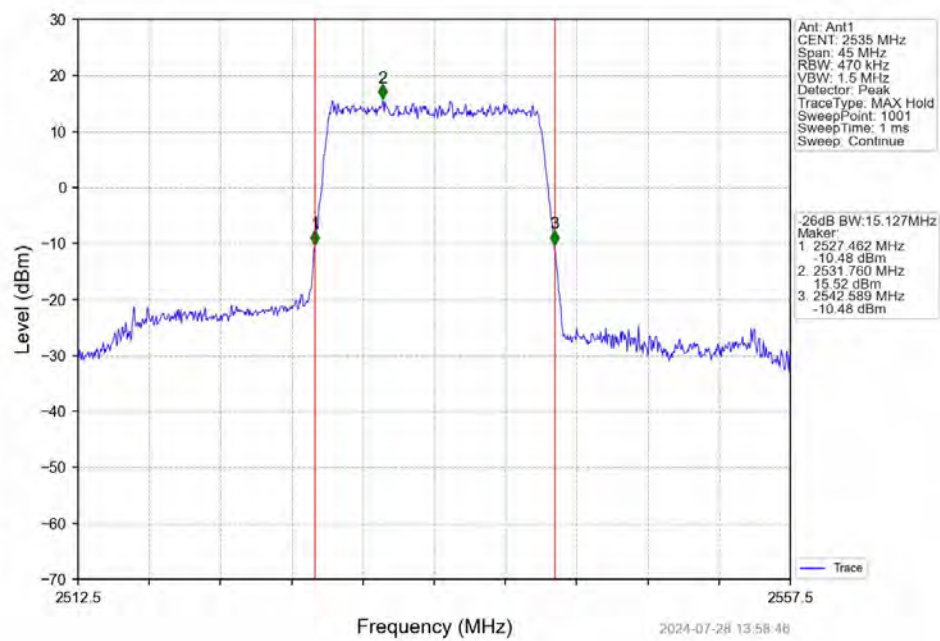
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



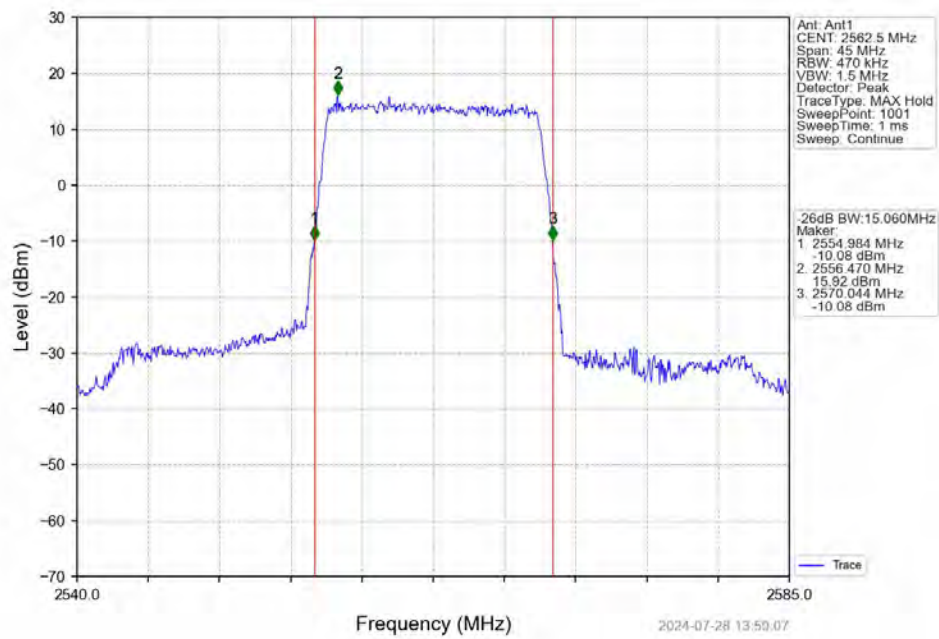
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



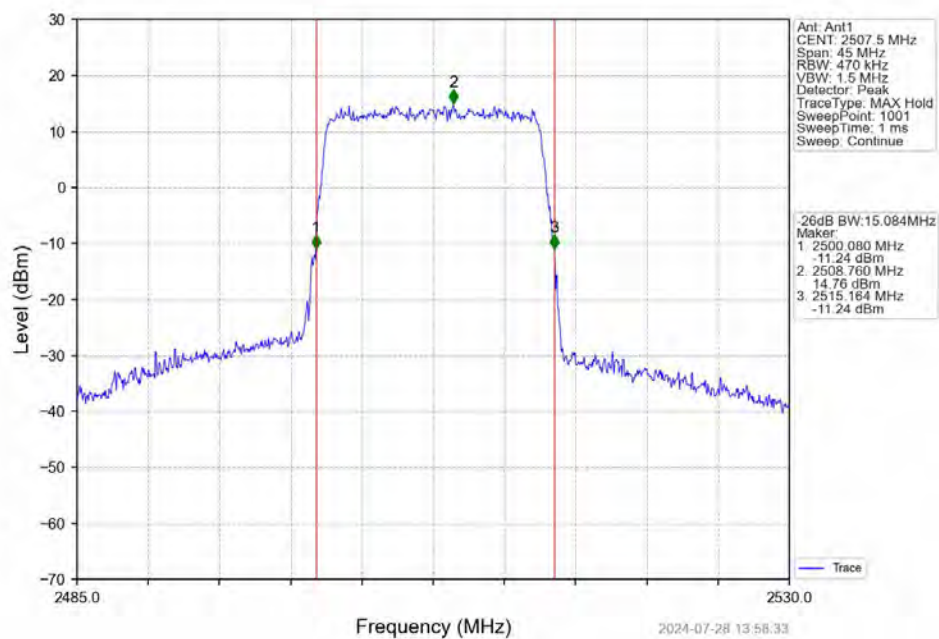
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



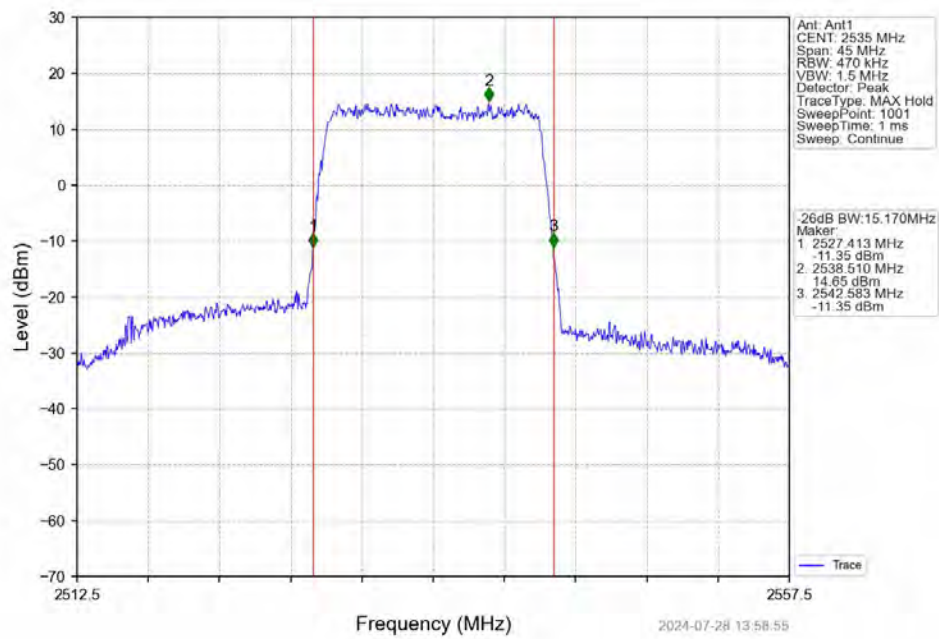
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



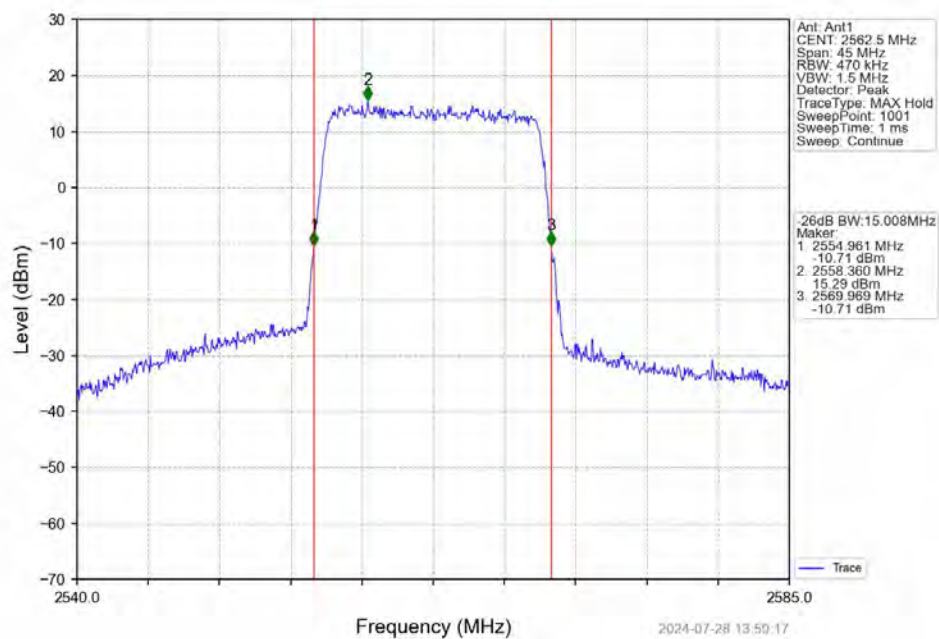
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



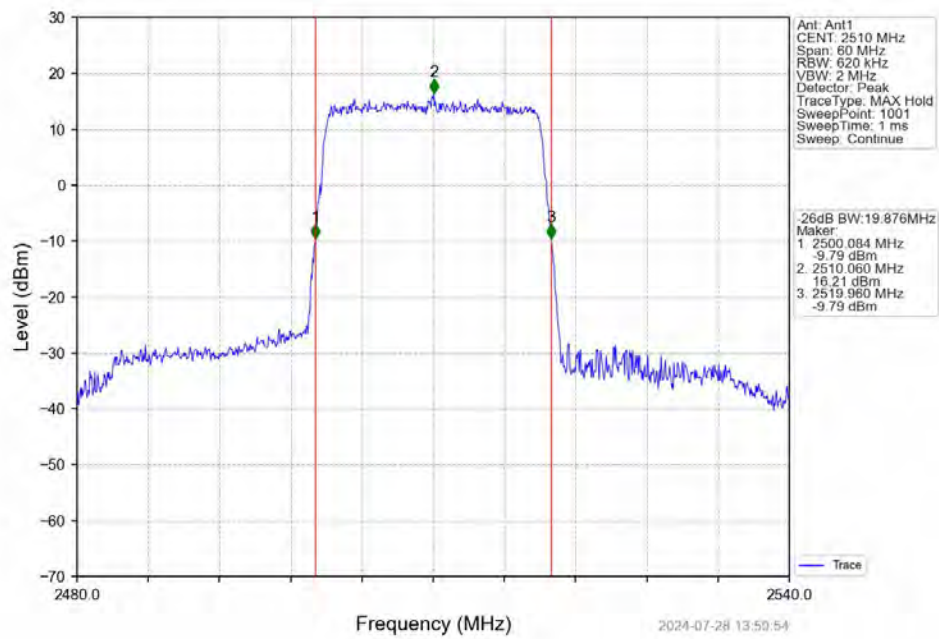
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



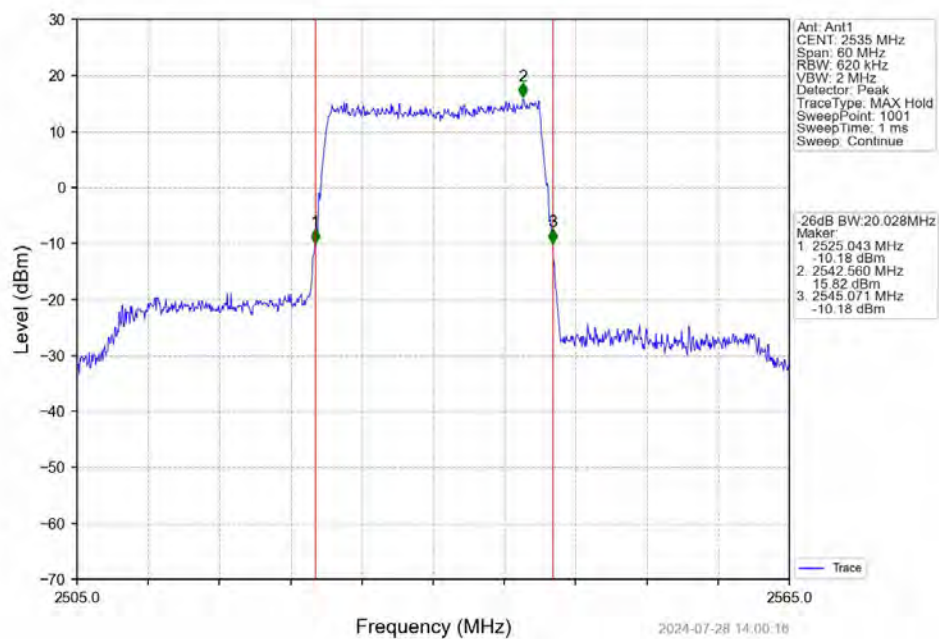
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



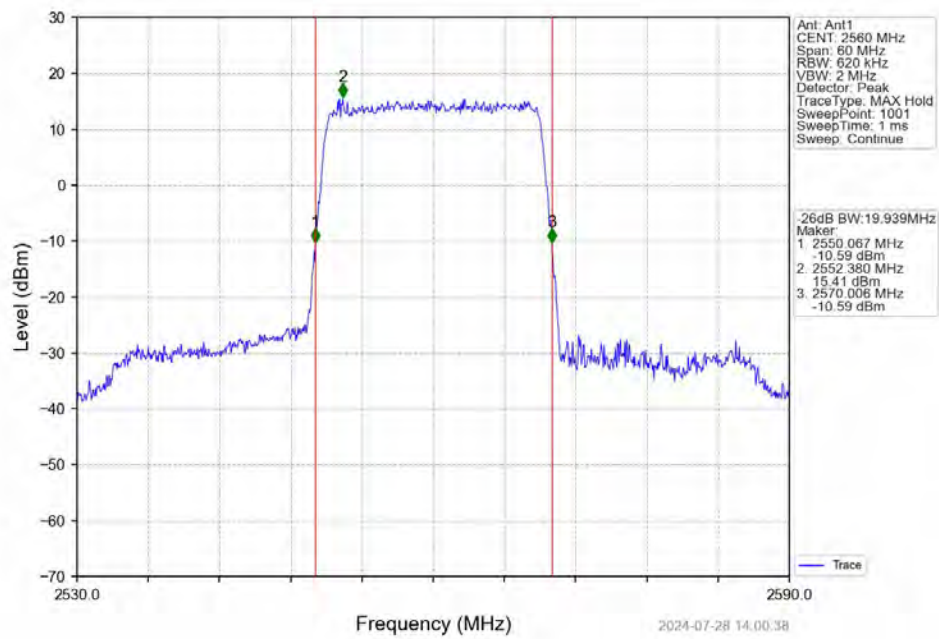
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



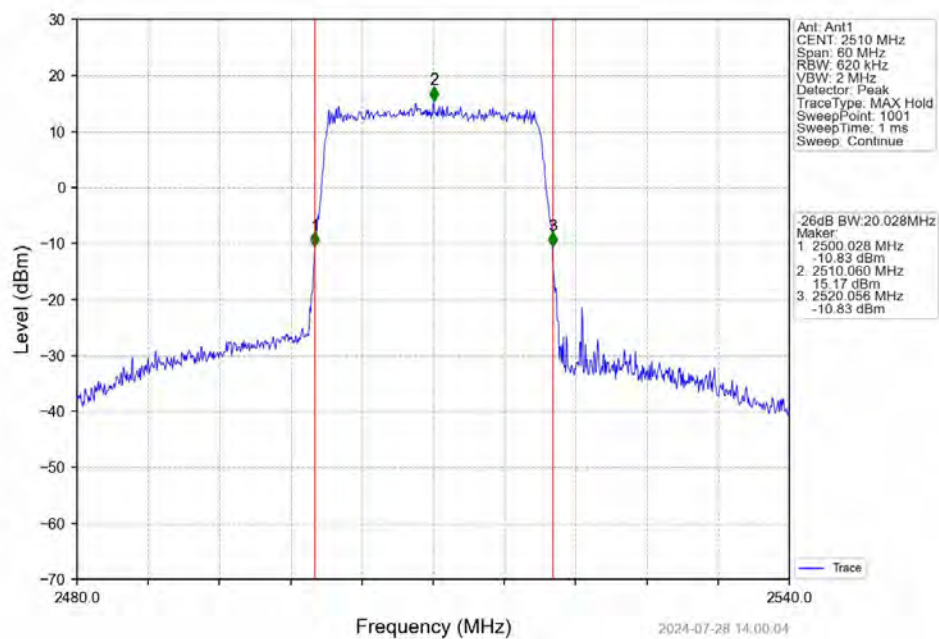
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV

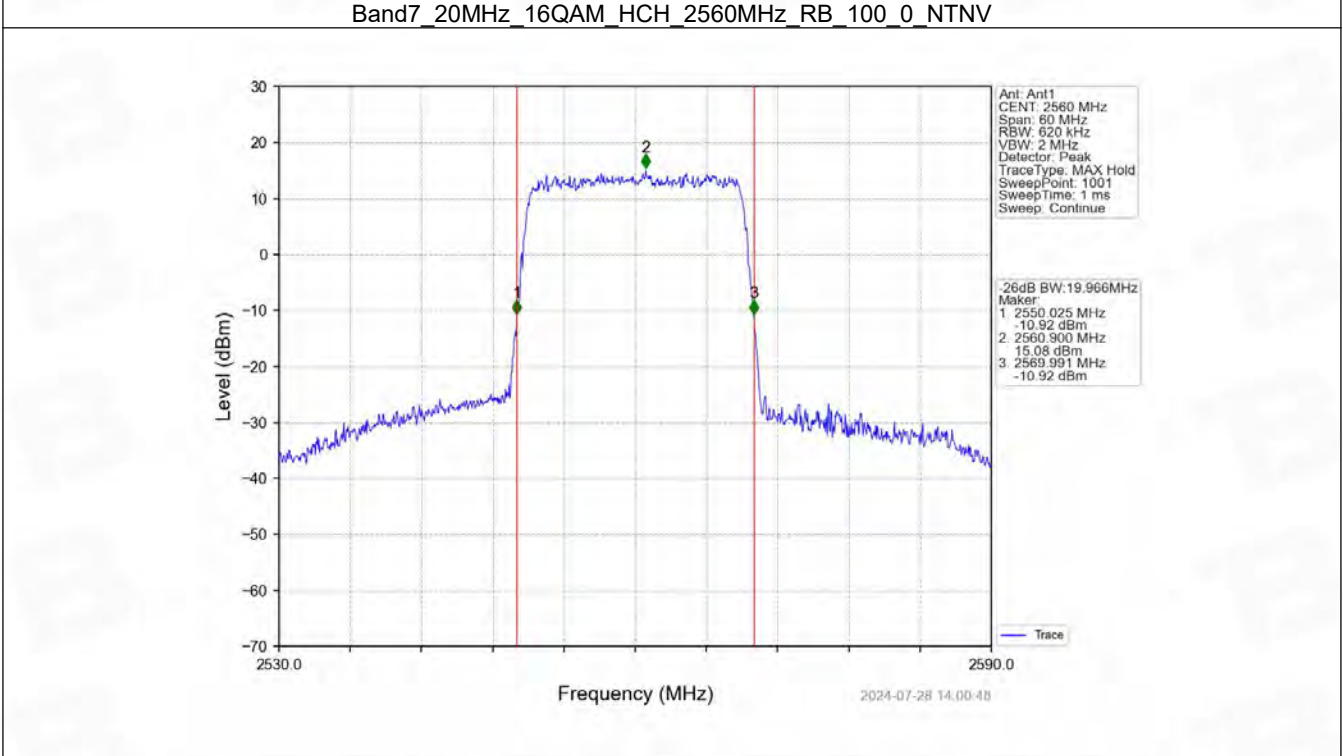
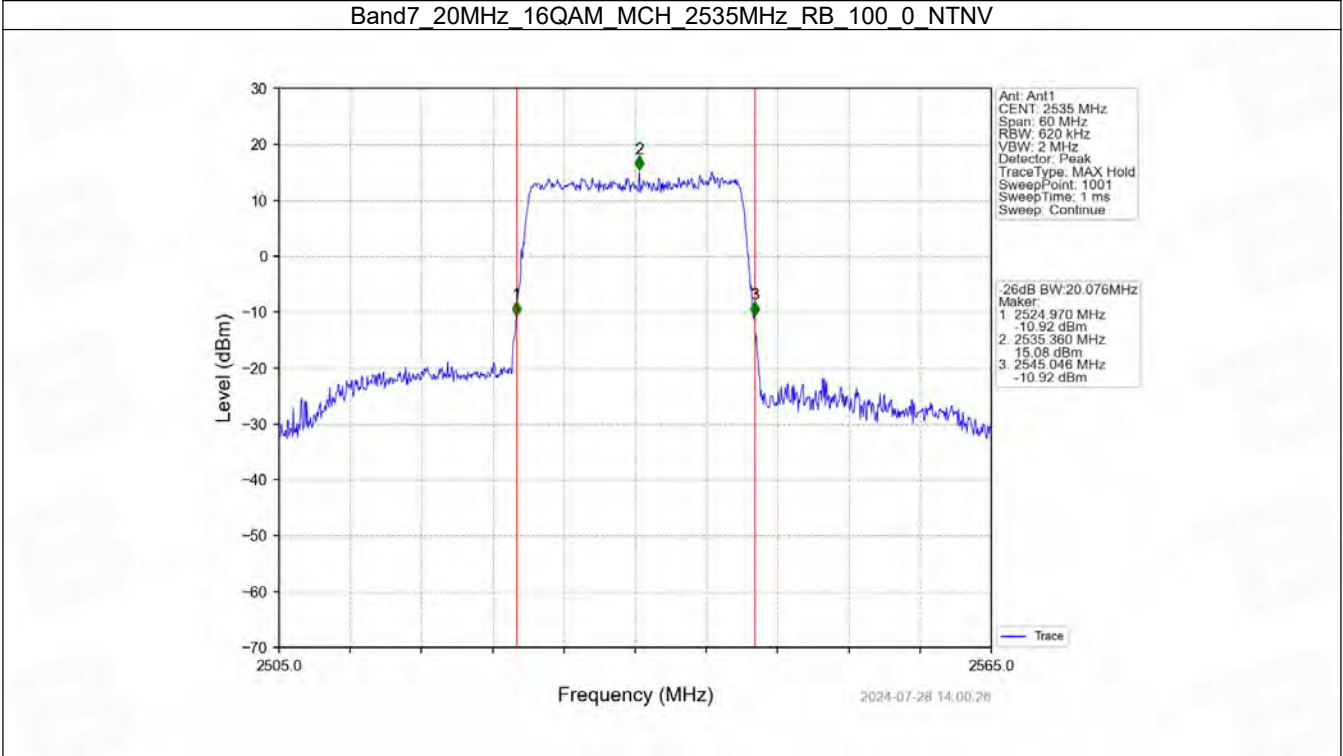


Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV





5. Peak-Average Ratio

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.90	<=13	Pass
	2535	25	0	5.73	<=13	Pass
	2567.5	25	0	5.71	<=13	Pass
16QAM	2502.5	25	0	6.60	<=13	Pass
	2535	25	0	6.46	<=13	Pass
	2567.5	25	0	6.53	<=13	Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.78	<=13	Pass
	2535	50	0	5.75	<=13	Pass
	2565	50	0	5.77	<=13	Pass
16QAM	2505	50	0	6.53	<=13	Pass
	2535	50	0	6.53	<=13	Pass
	2565	50	0	6.52	<=13	Pass

5.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	6.02	<=13	Pass
	2535	75	0	5.97	<=13	Pass
	2562.5	75	0	6.05	<=13	Pass
16QAM	2507.5	75	0	6.47	<=13	Pass
	2535	75	0	6.50	<=13	Pass
	2562.5	75	0	6.57	<=13	Pass

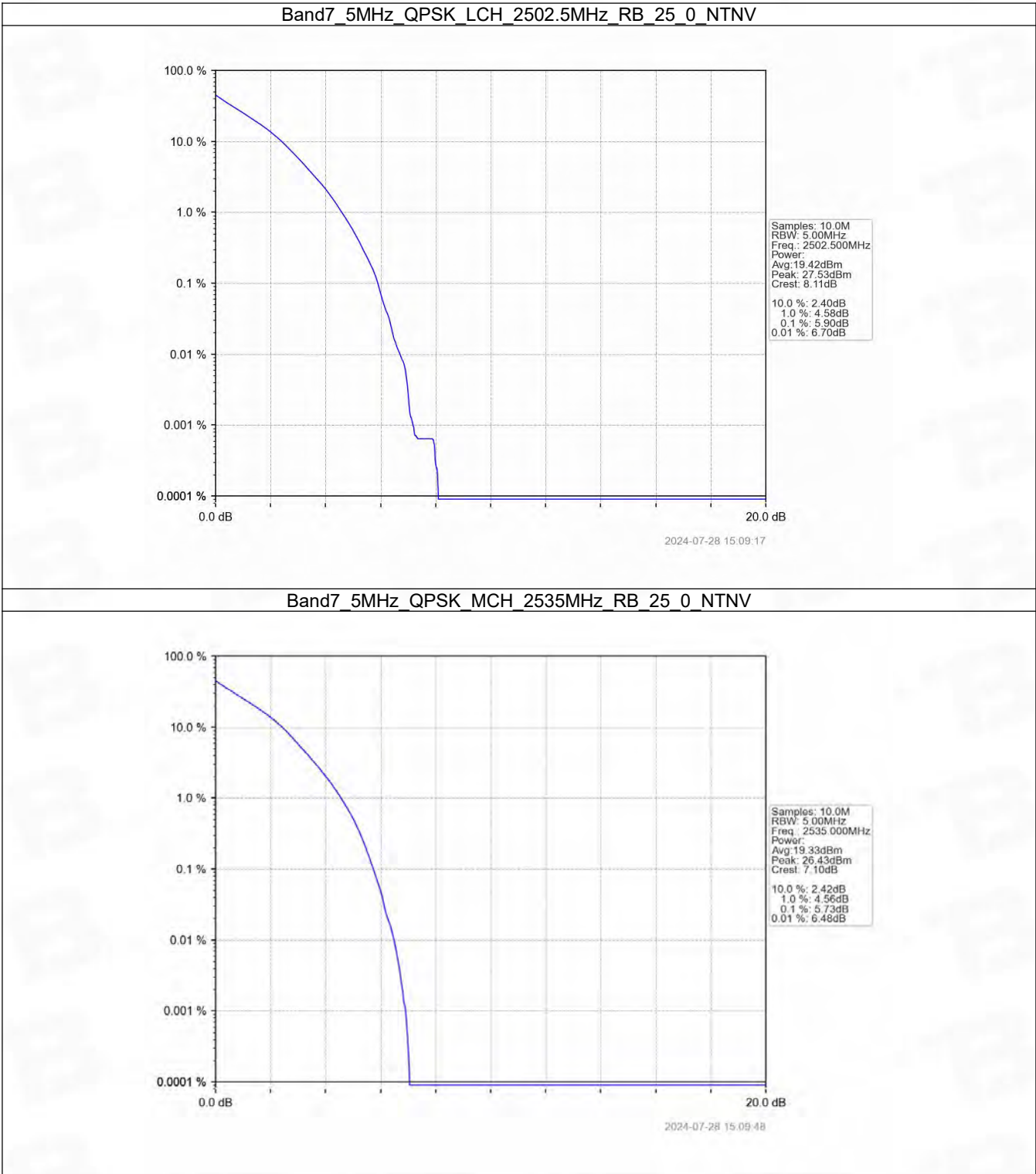
5.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.68	<=13	Pass
	2535	100	0	5.80	<=13	Pass
	2560	100	0	5.67	<=13	Pass
16QAM	2510	100	0	6.40	<=13	Pass
	2535	100	0	6.51	<=13	Pass

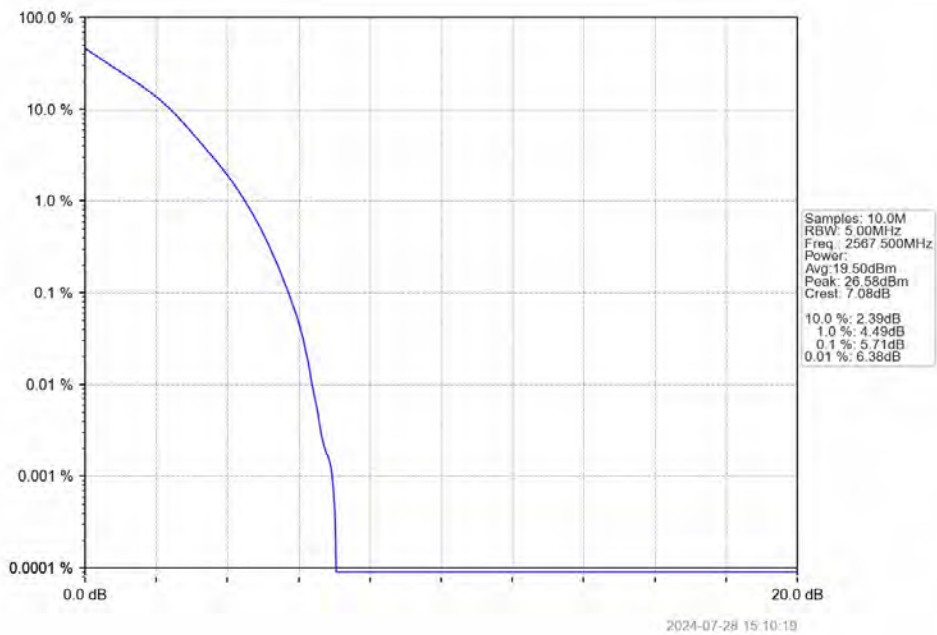
	2560	100	0	6.49	<=13	Pass
--	------	-----	---	------	------	------

5.2 Test Graph

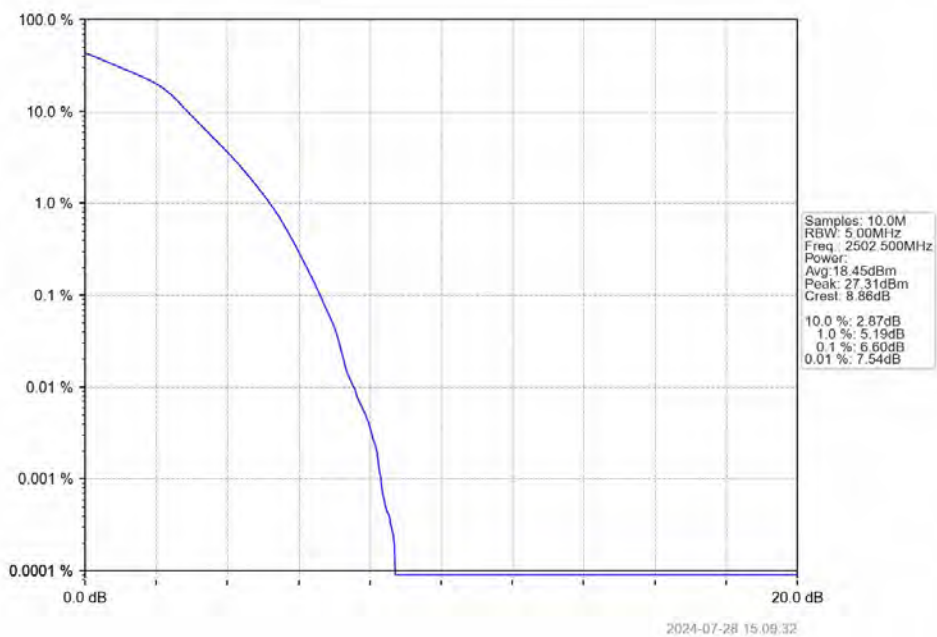
5.2.1 B7_5MHz



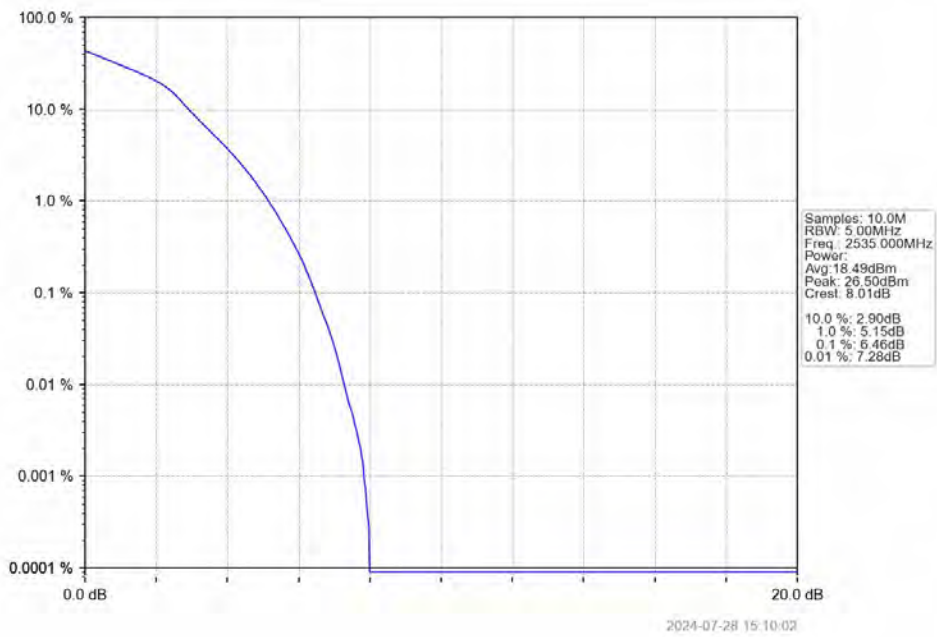
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



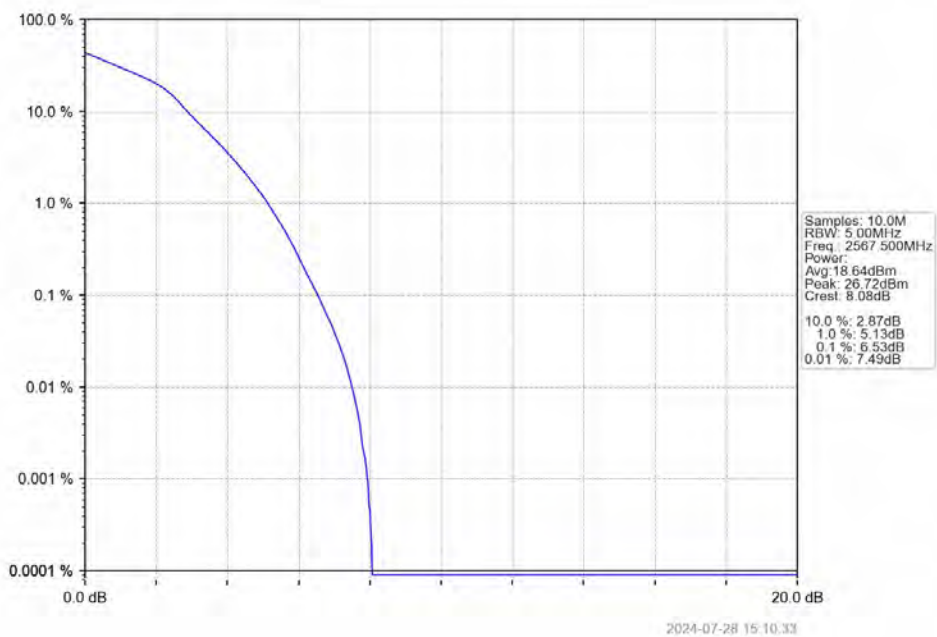
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



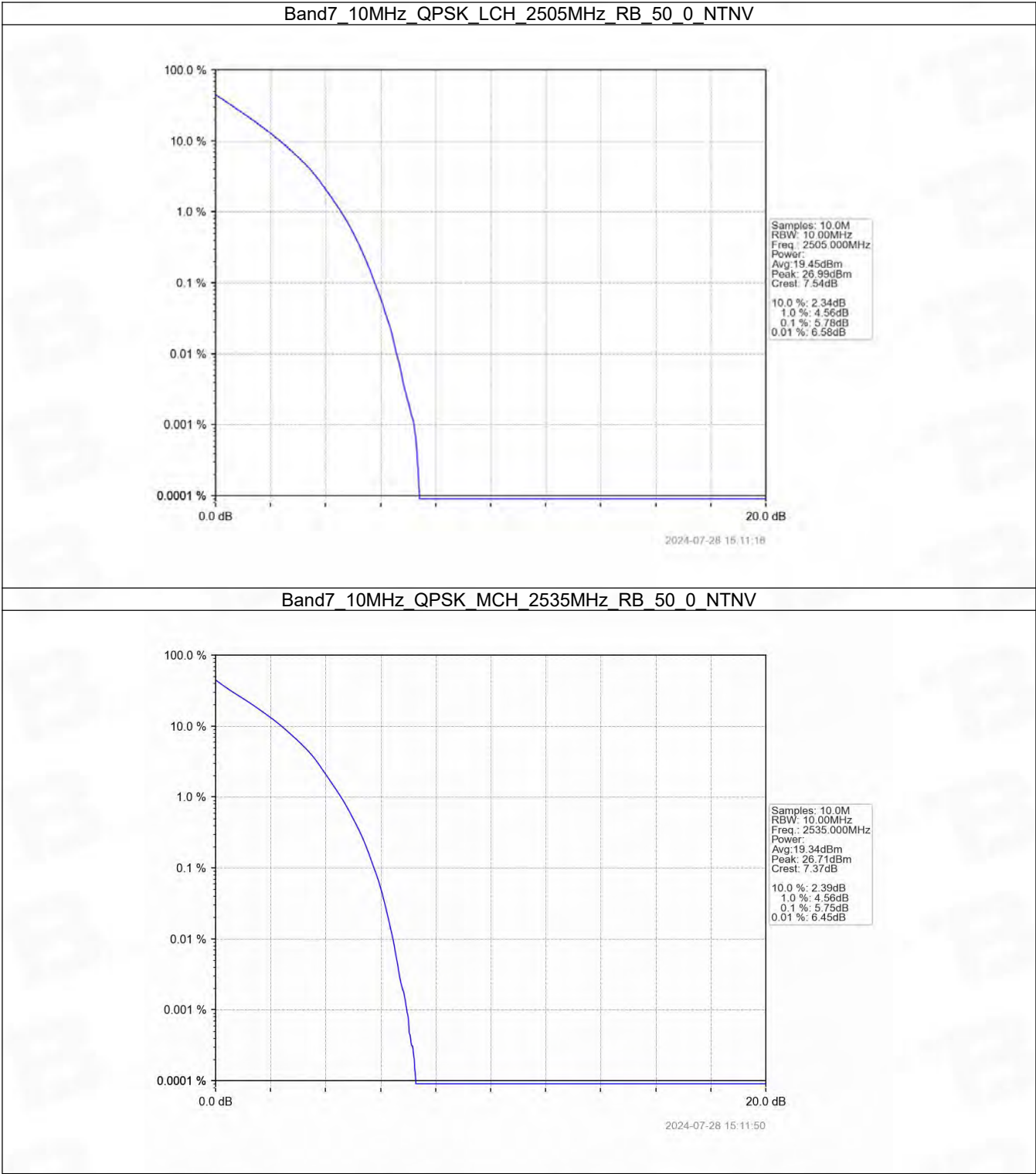
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



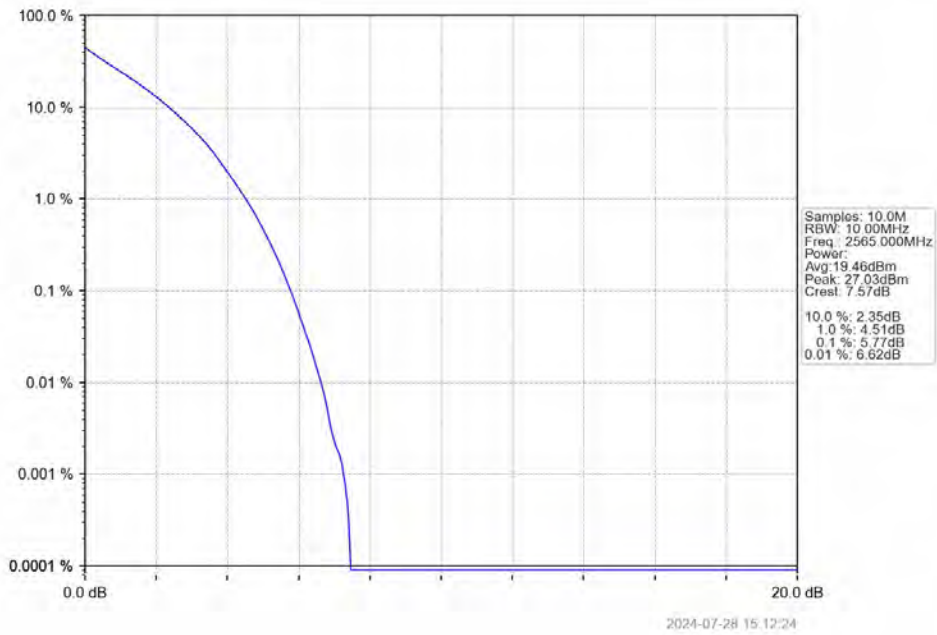
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



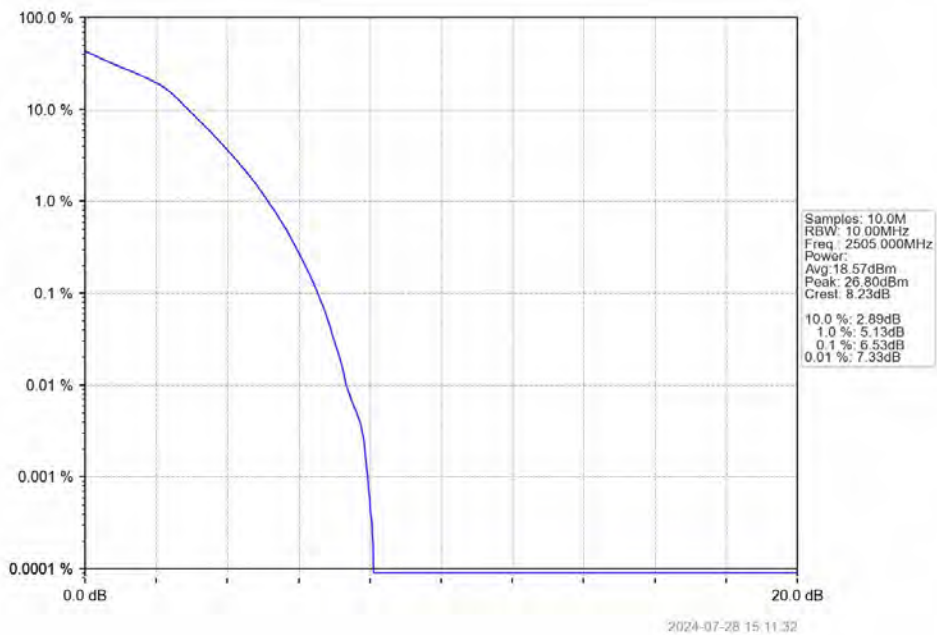
5.2.2 B7_10MHz



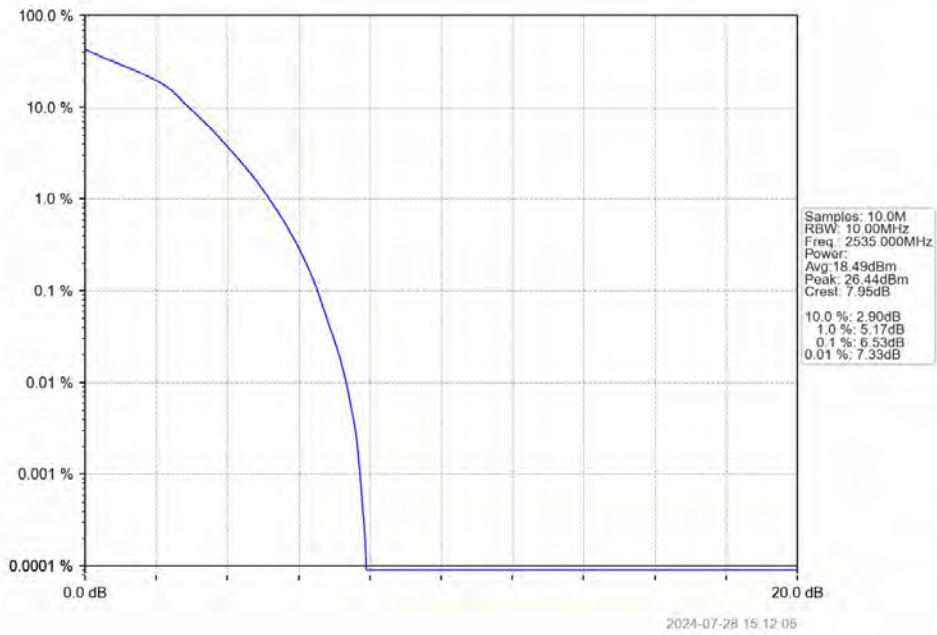
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



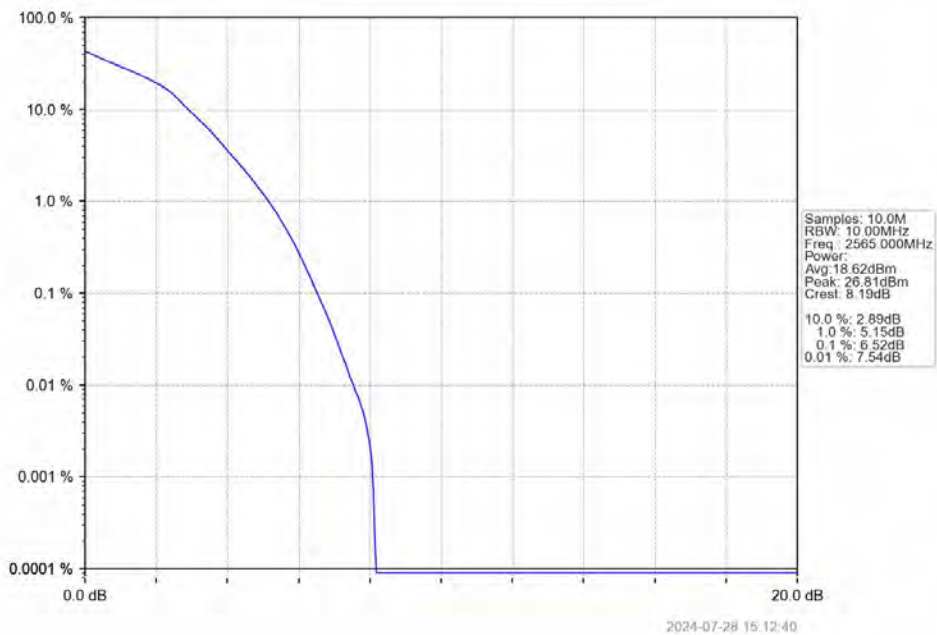
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



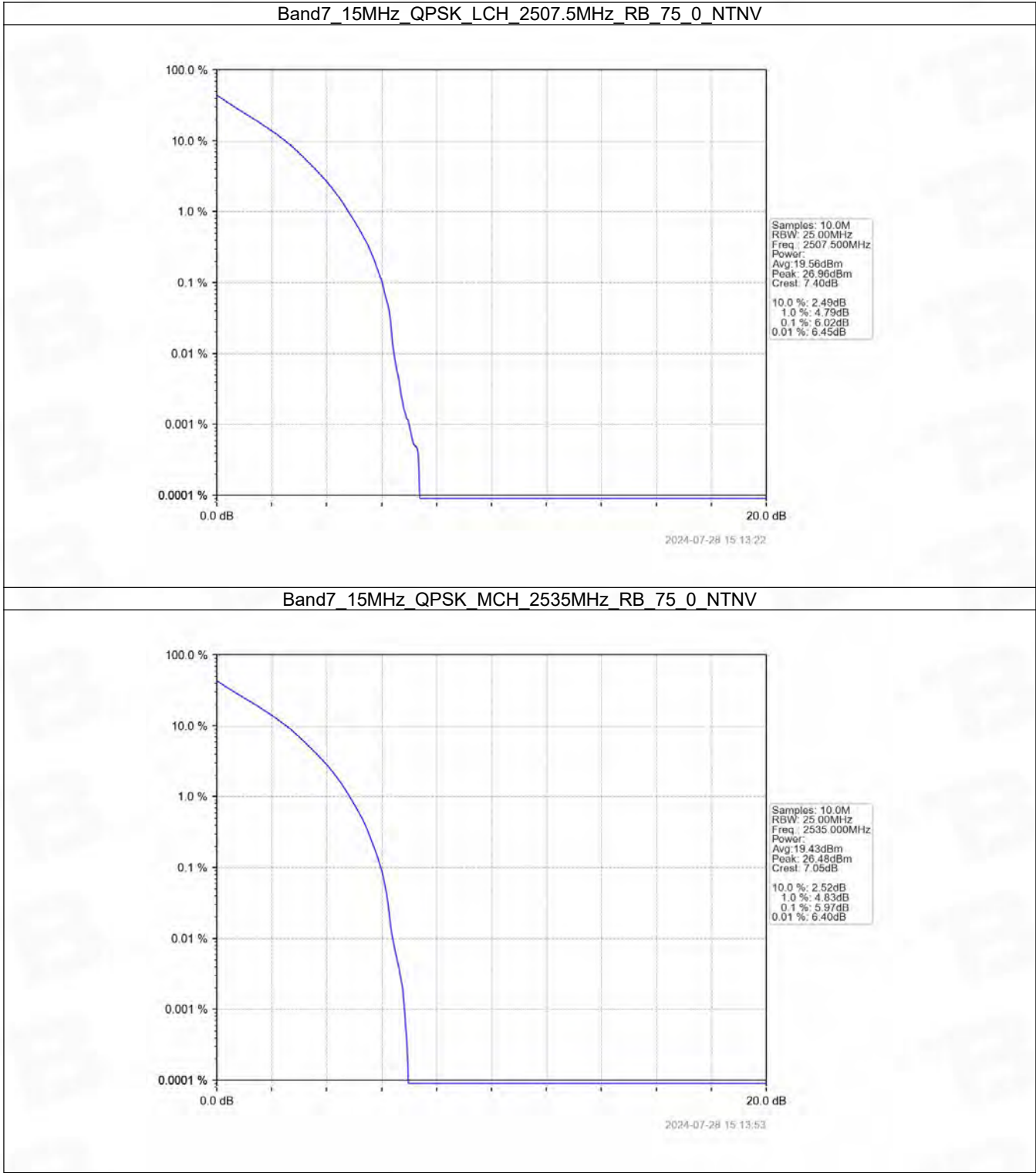
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



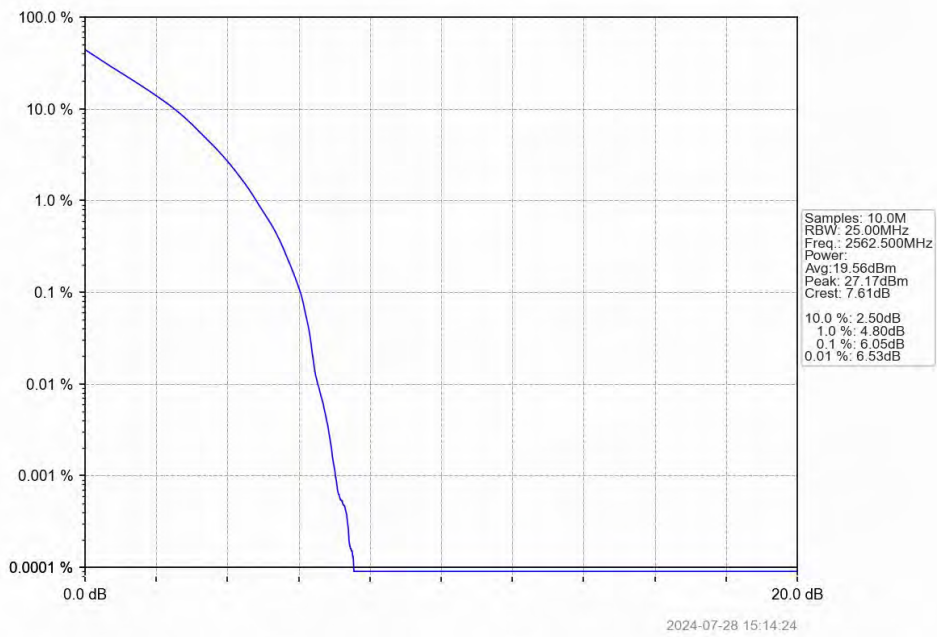
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



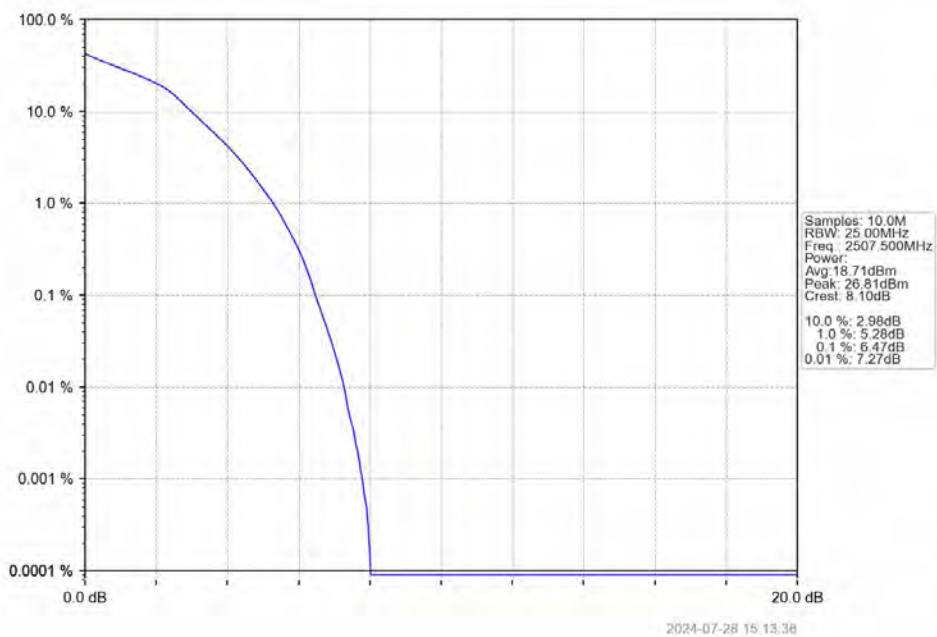
5.2.3 B7_15MHz



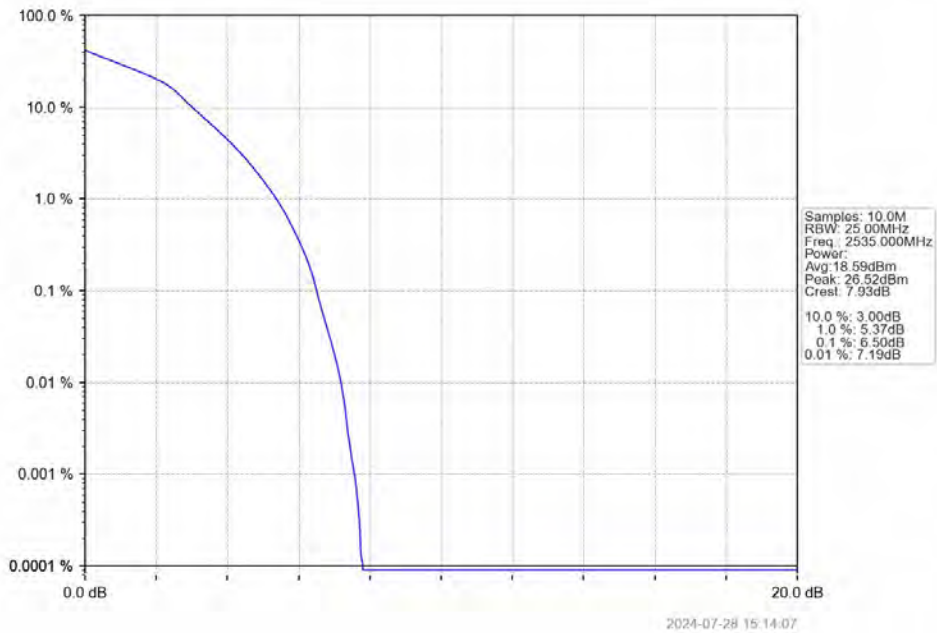
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



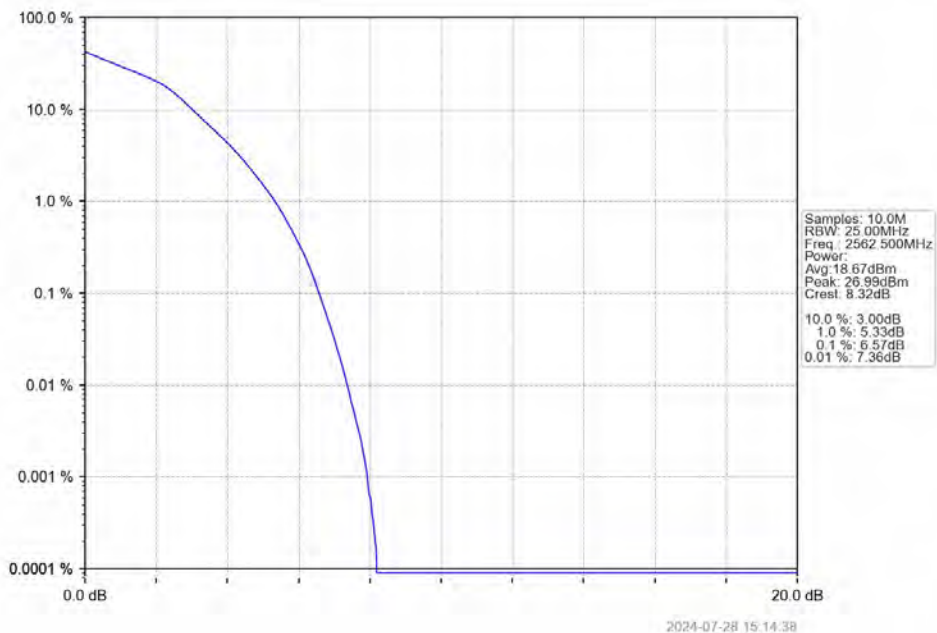
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



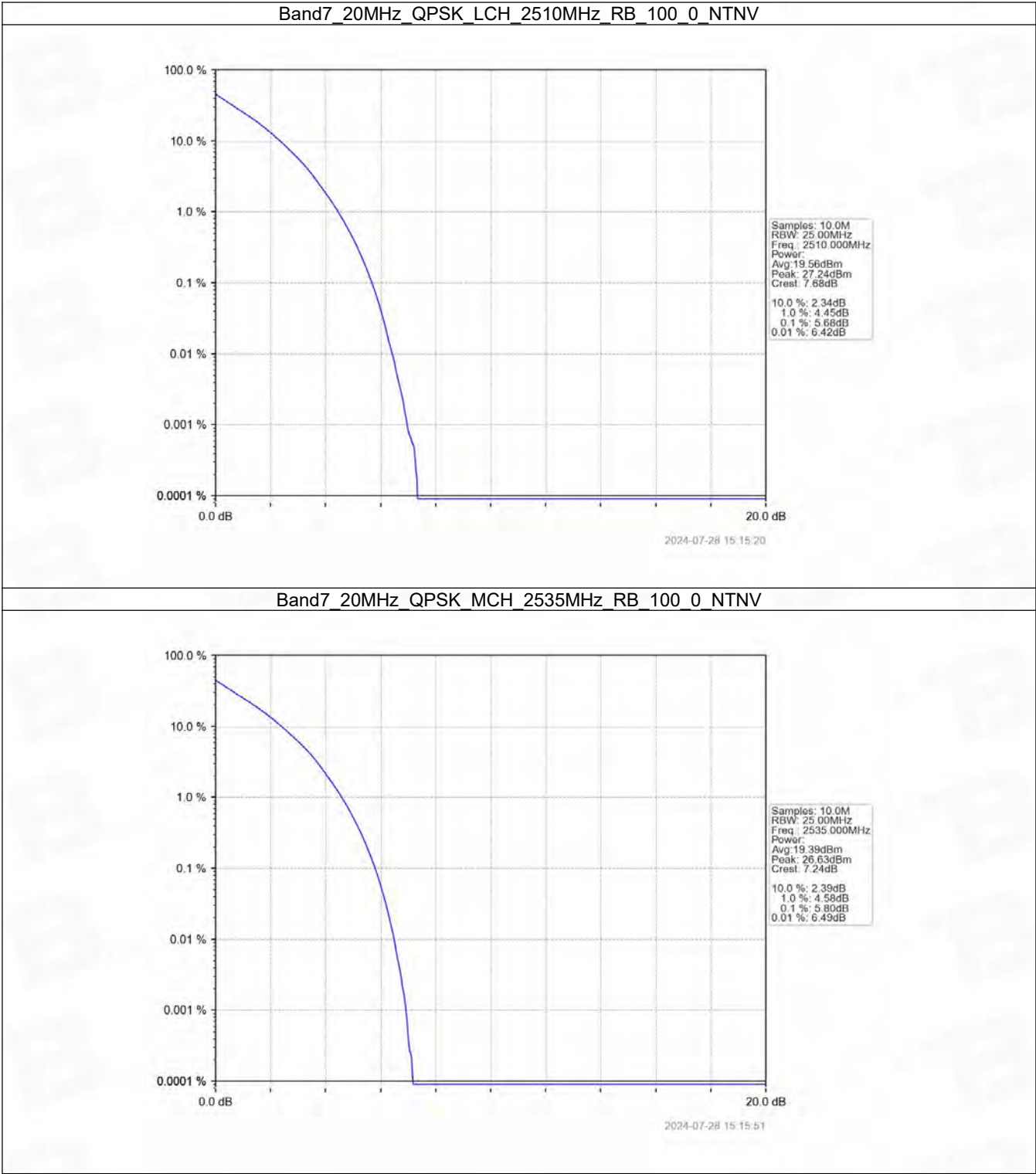
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



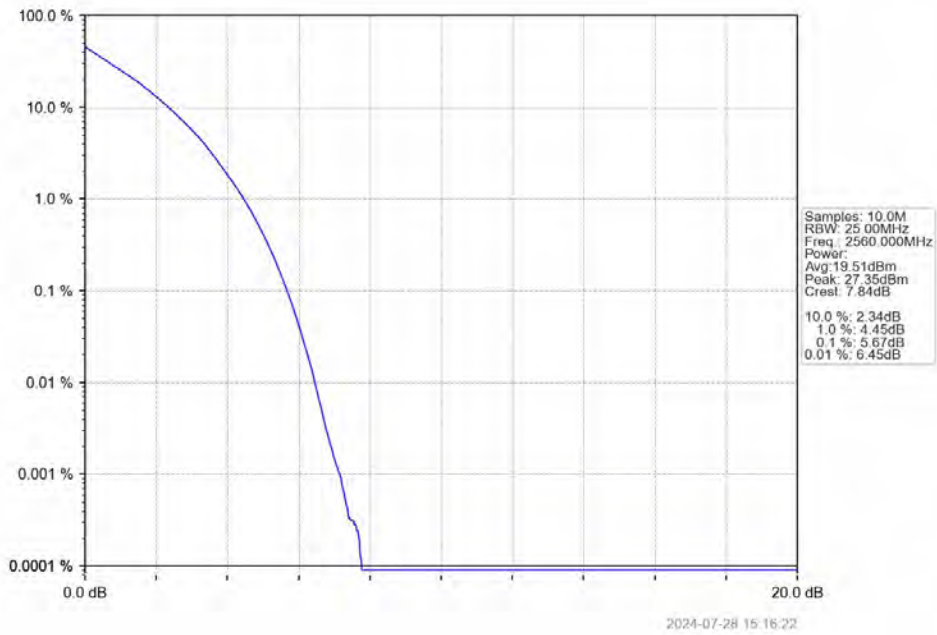
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



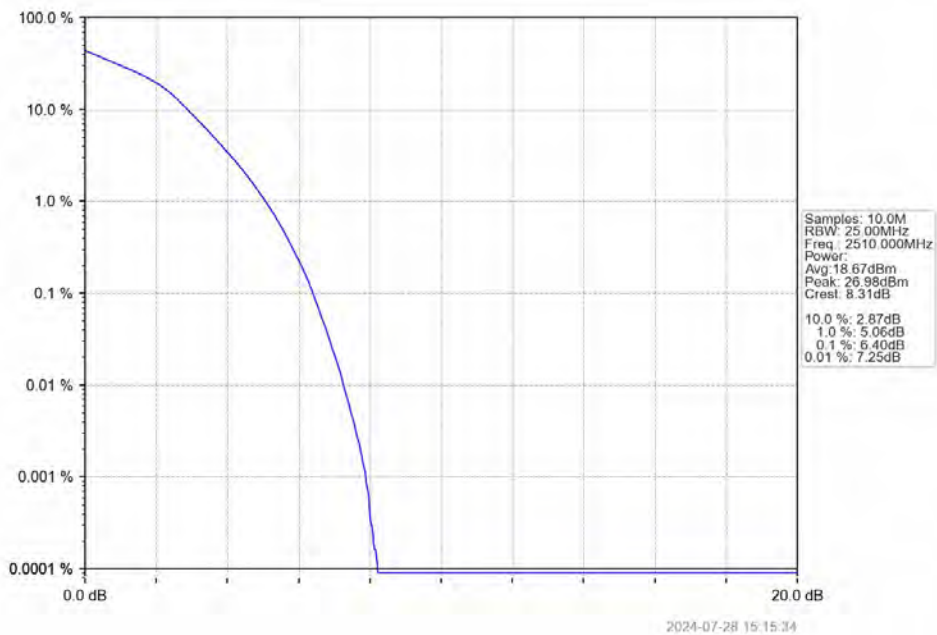
5.2.4 B7_20MHz

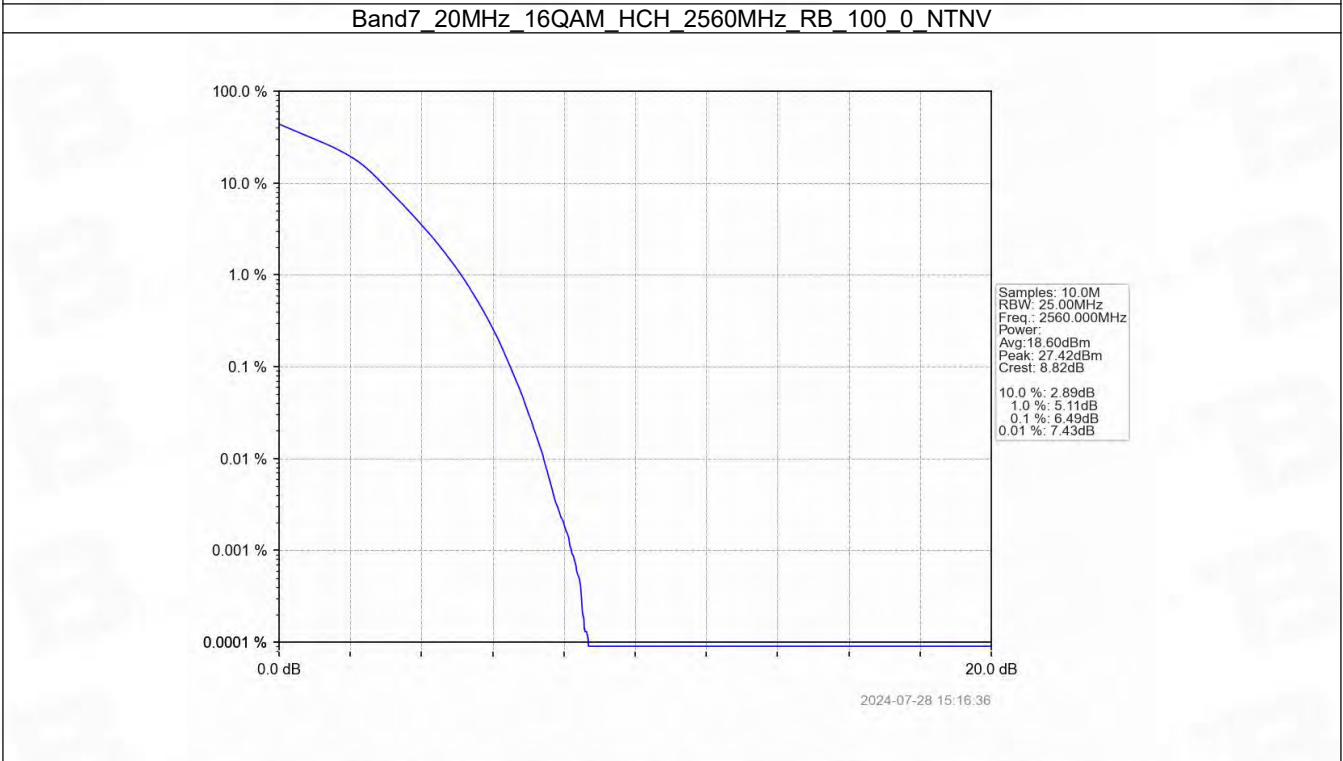
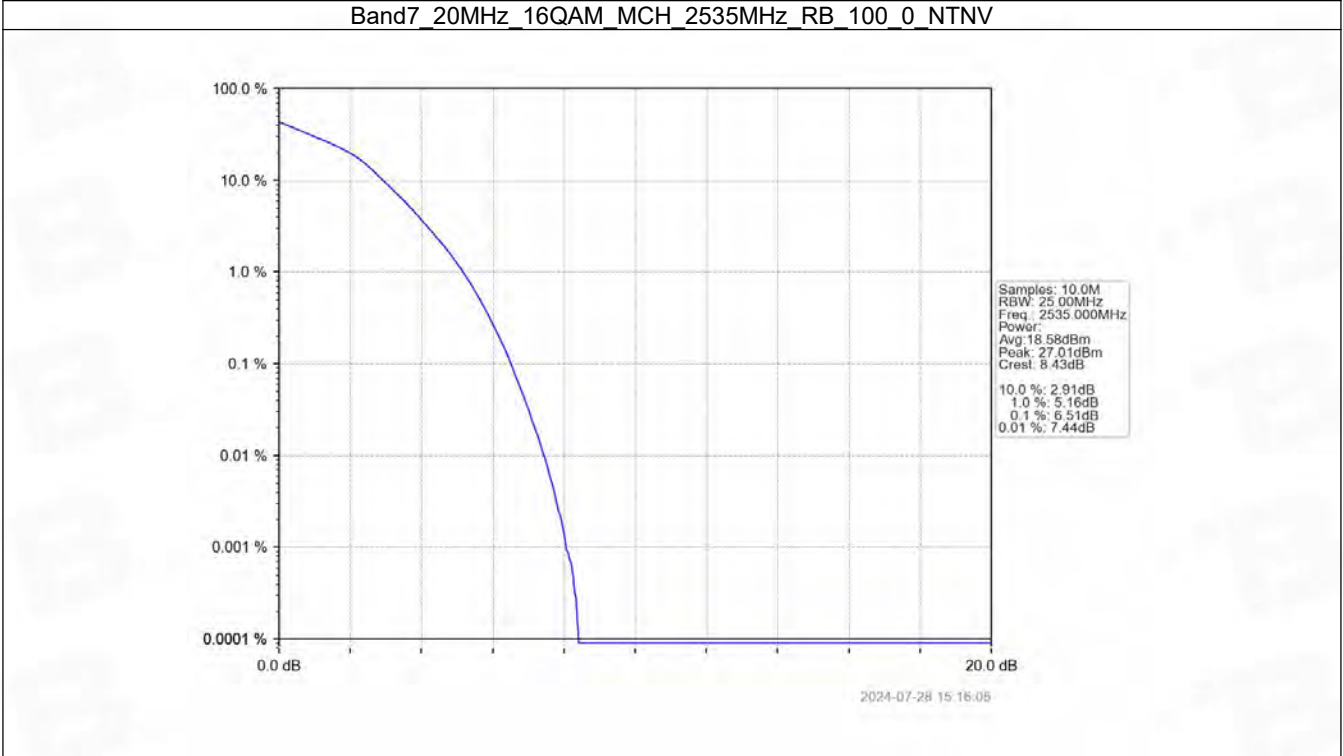


Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV





6. Spurious Emission

6.1 Test Result

6.1.1 B7_5MHz

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

6.1.2 B7_10MHz

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

6.1.3 B7_15MHz

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

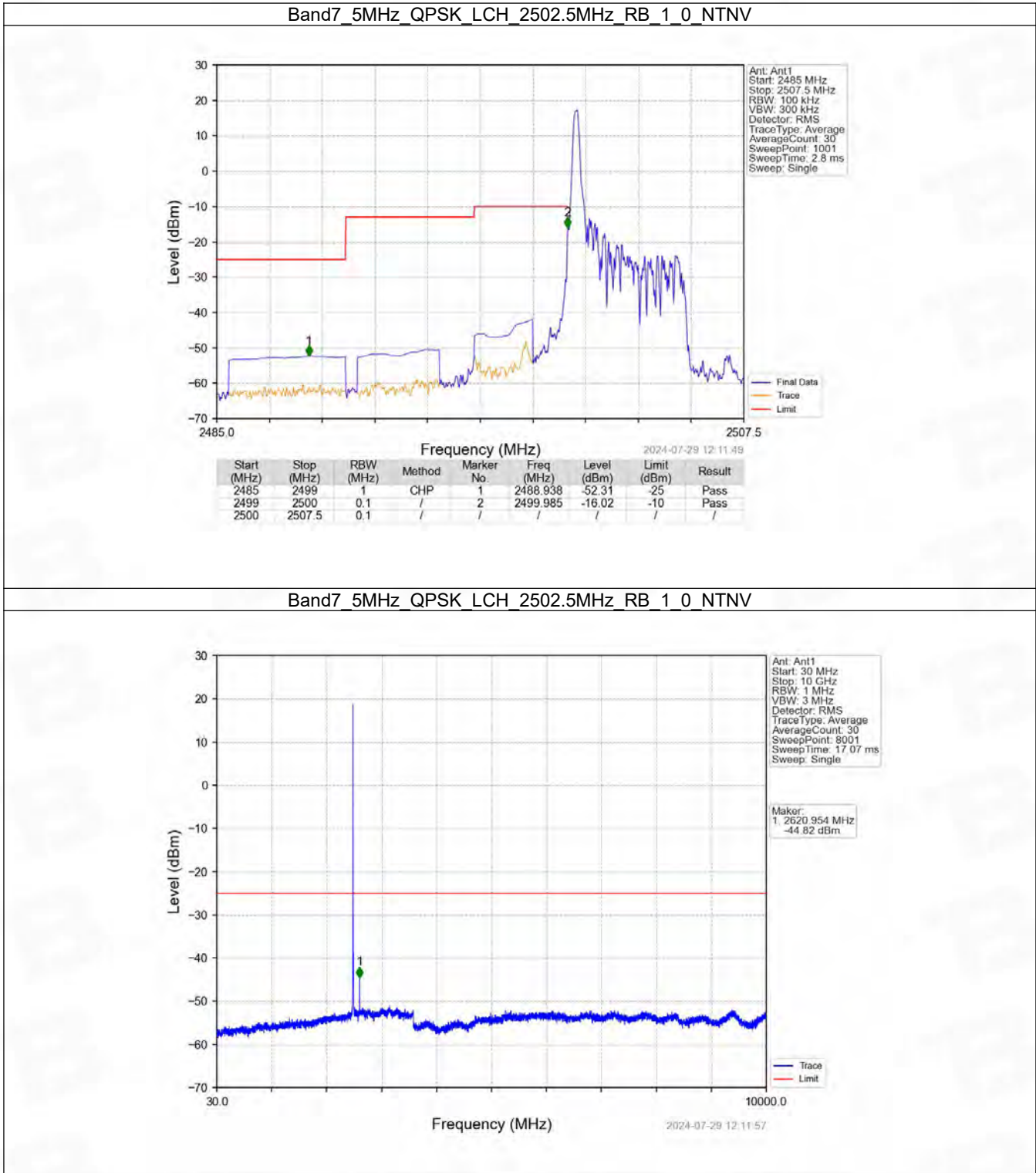
		75	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
	2562.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B7_20MHz

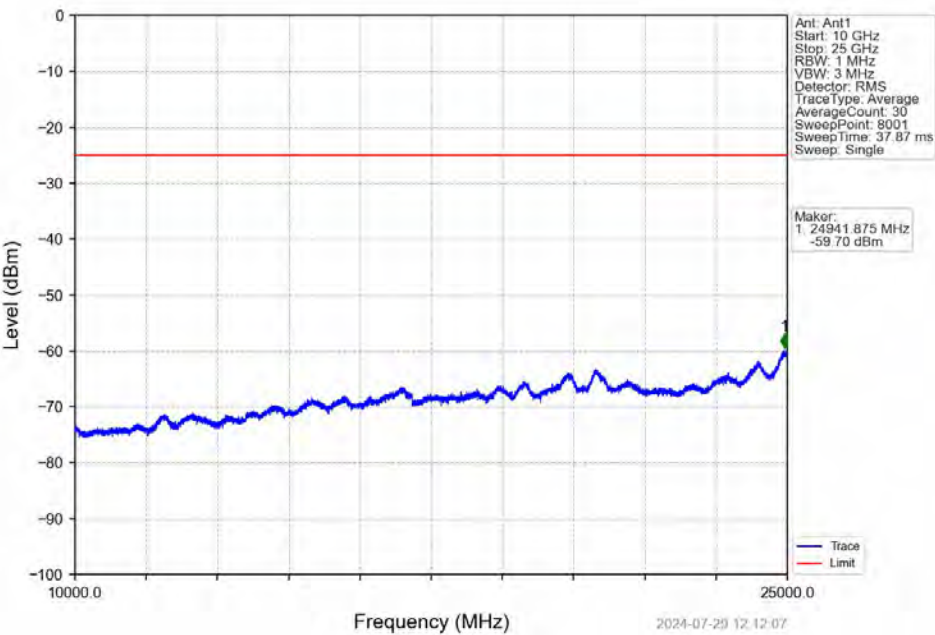
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

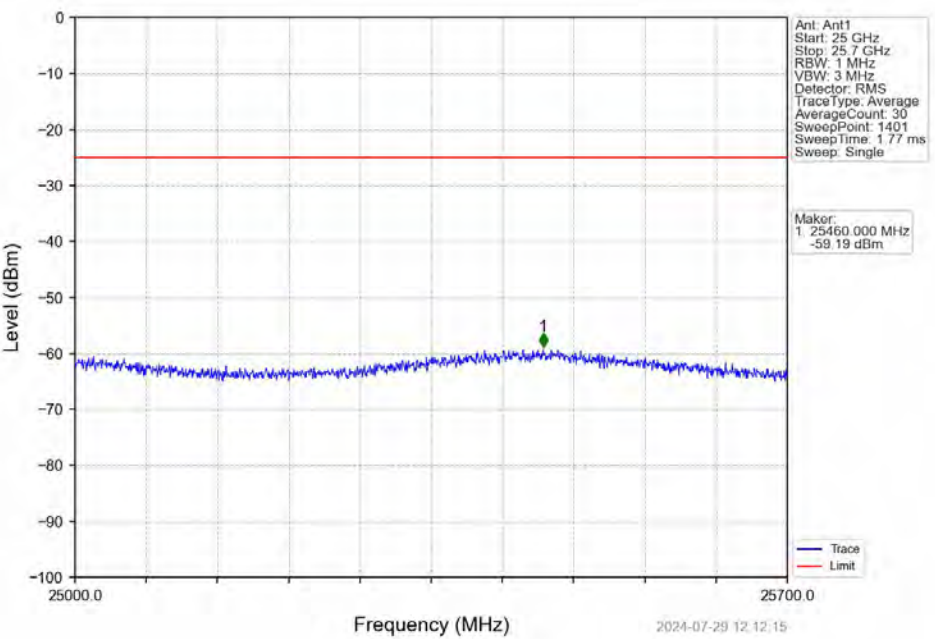
6.2.1 B7_5MHz



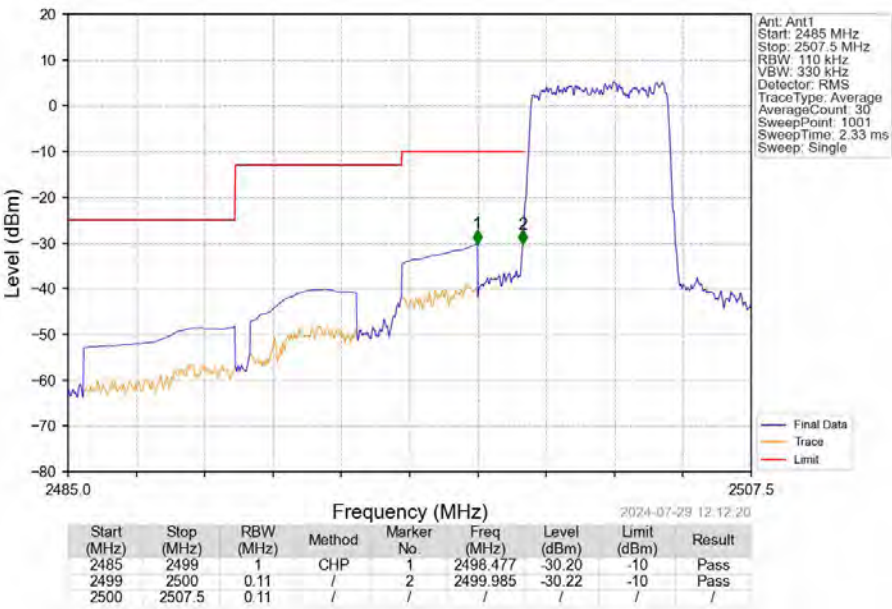
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



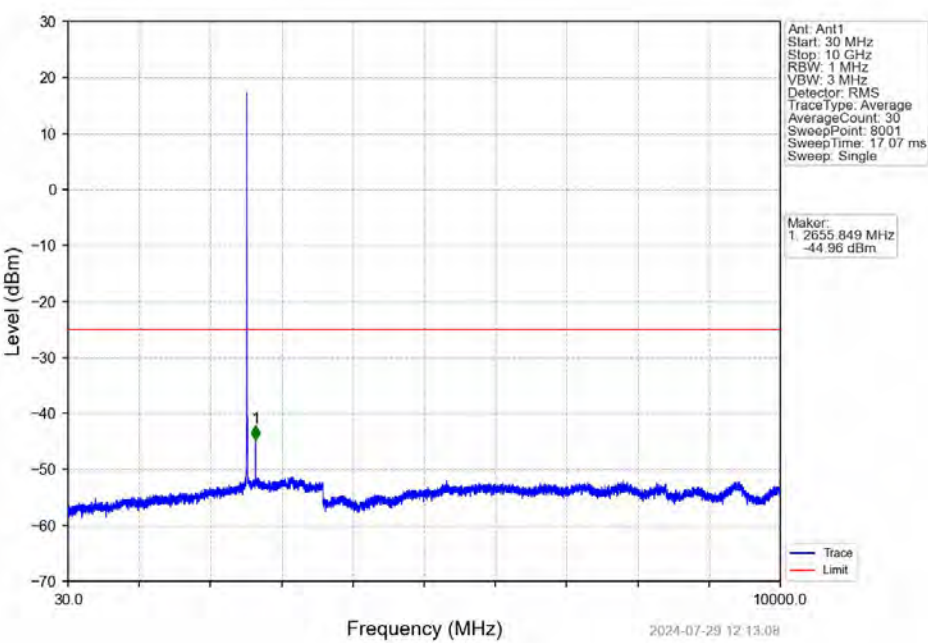
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



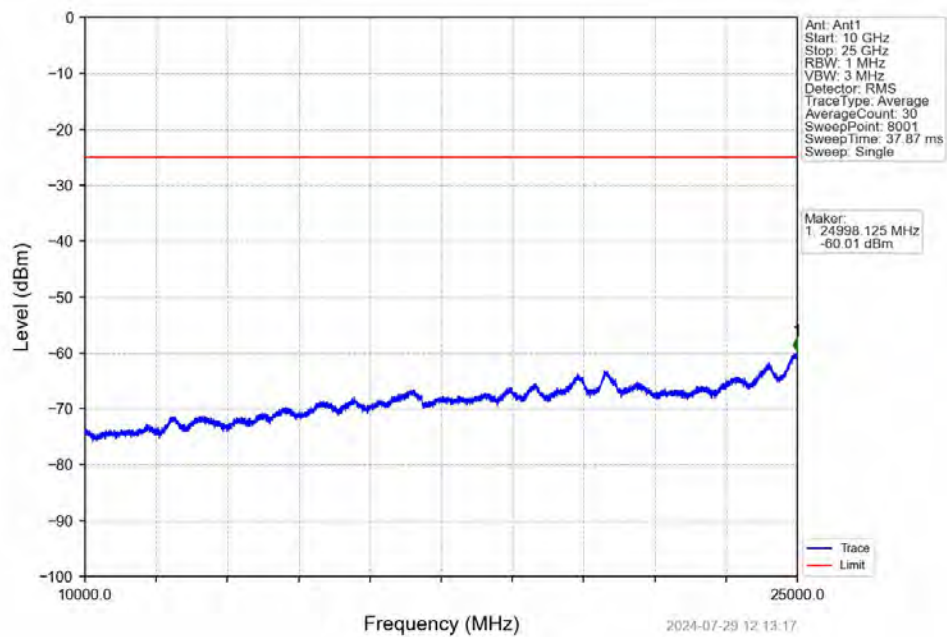
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



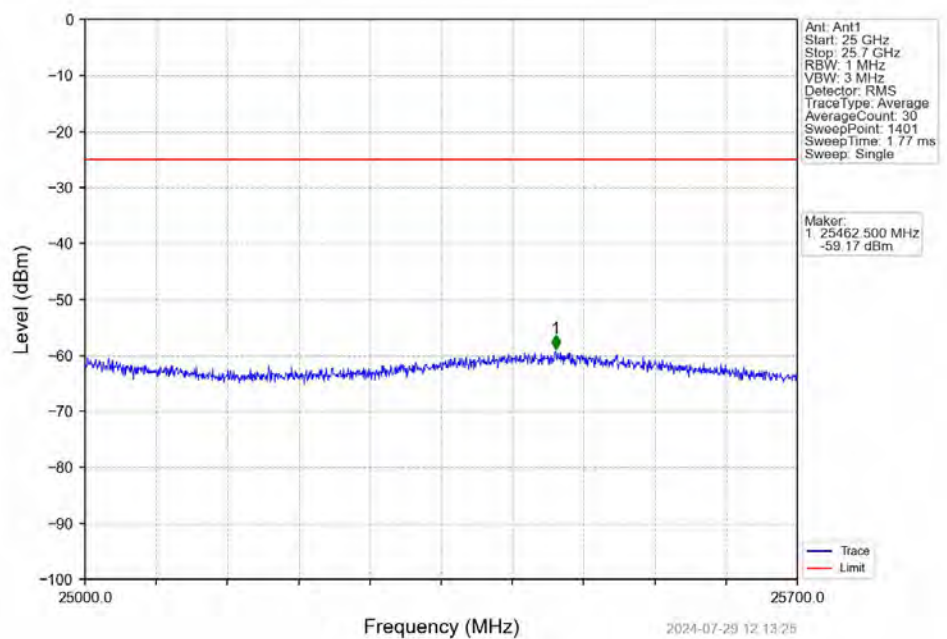
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



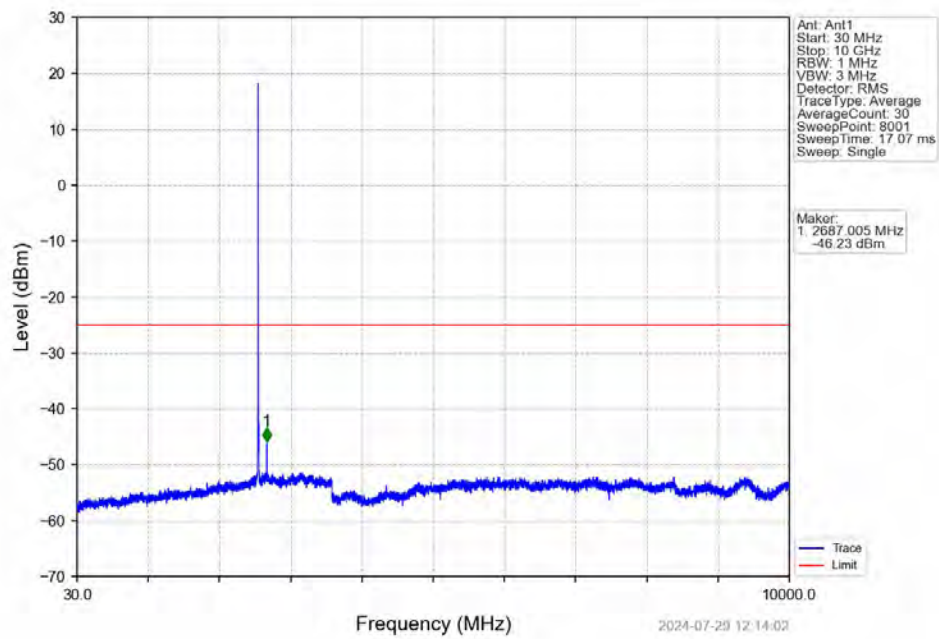
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



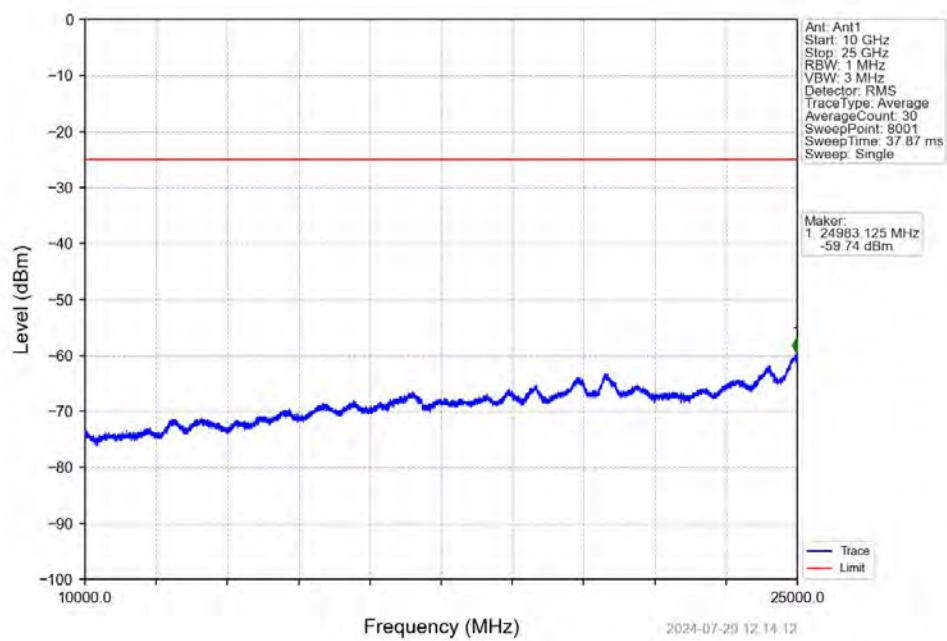
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



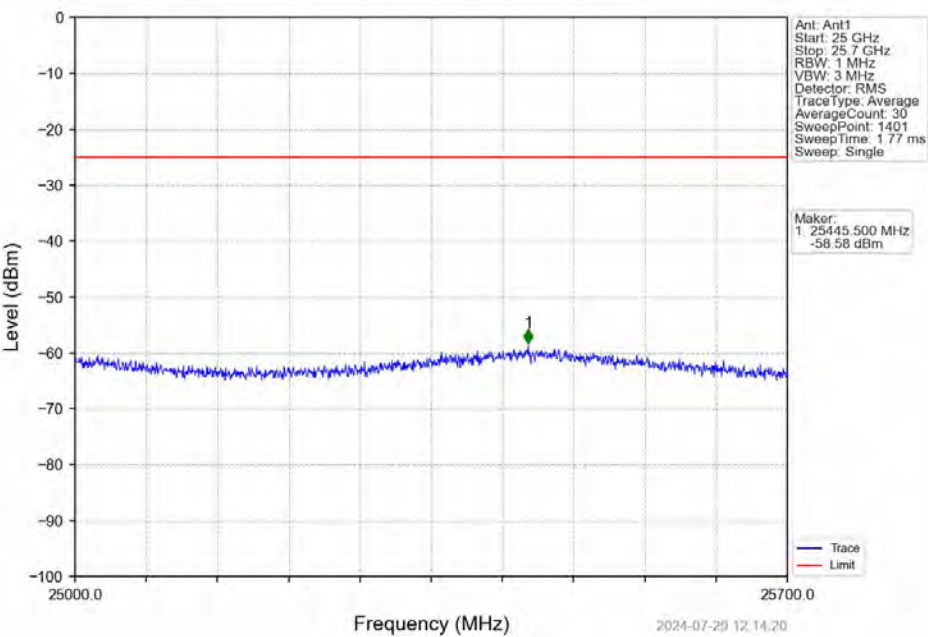
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



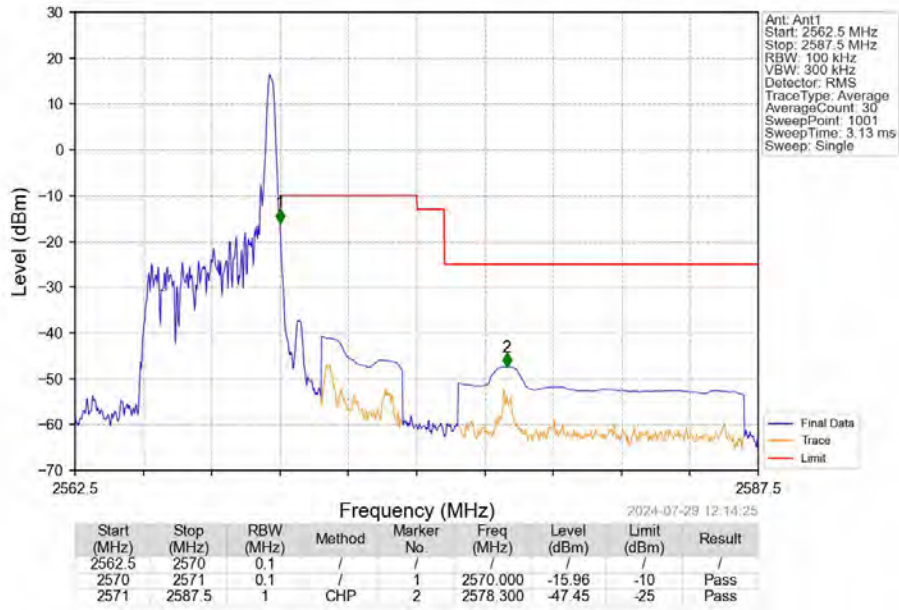
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



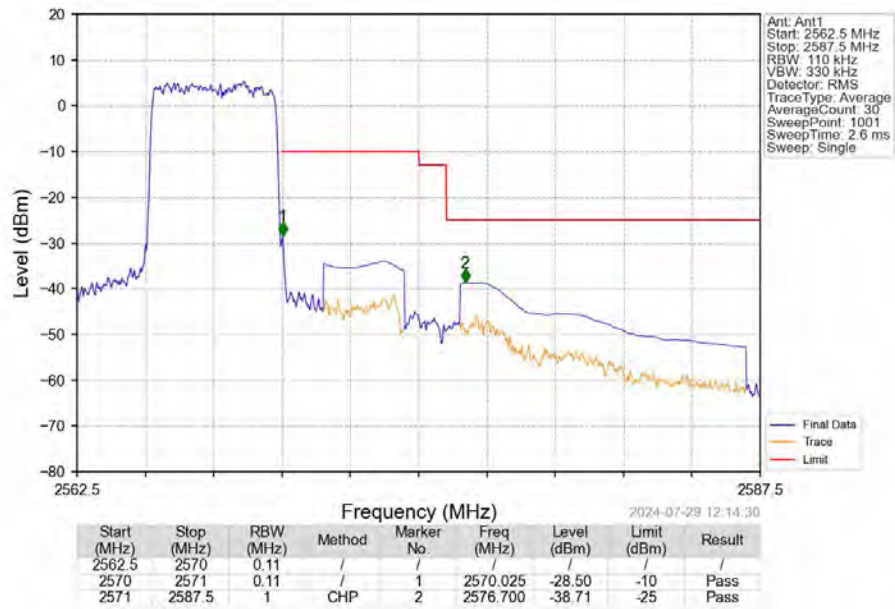
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



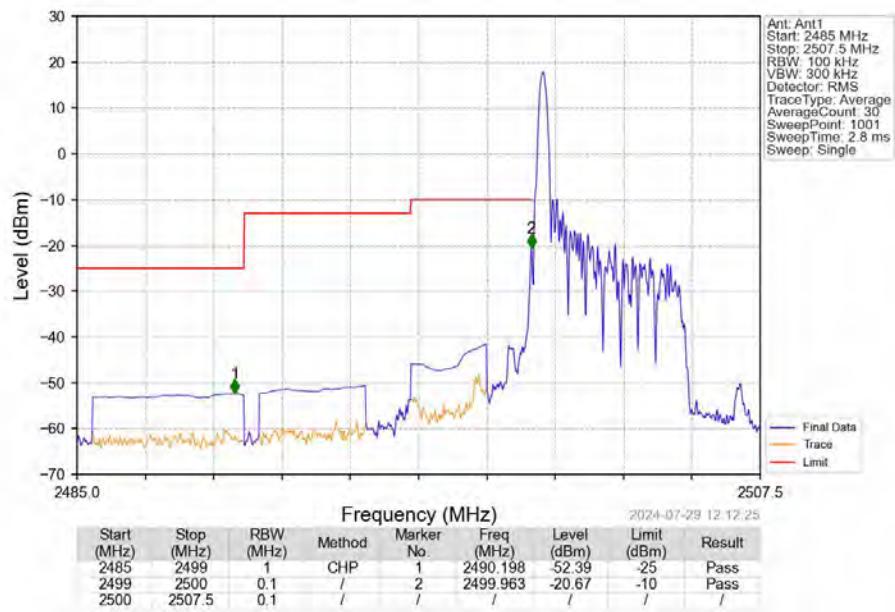
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



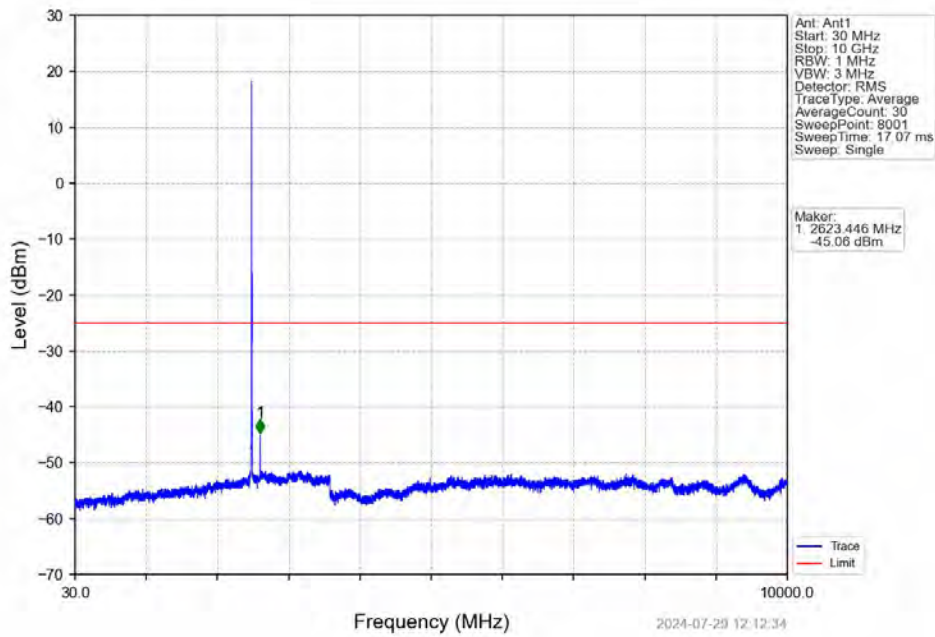
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



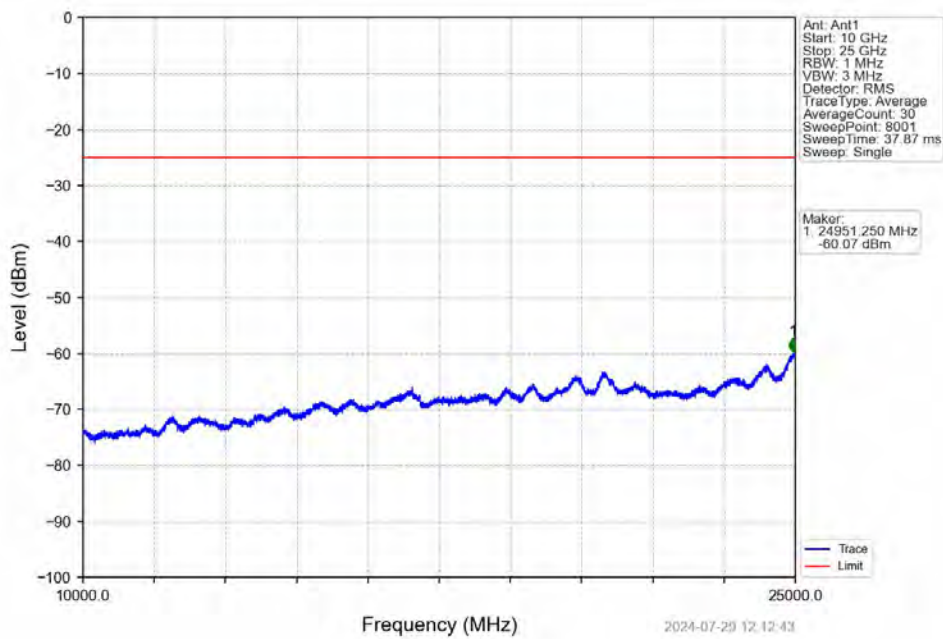
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



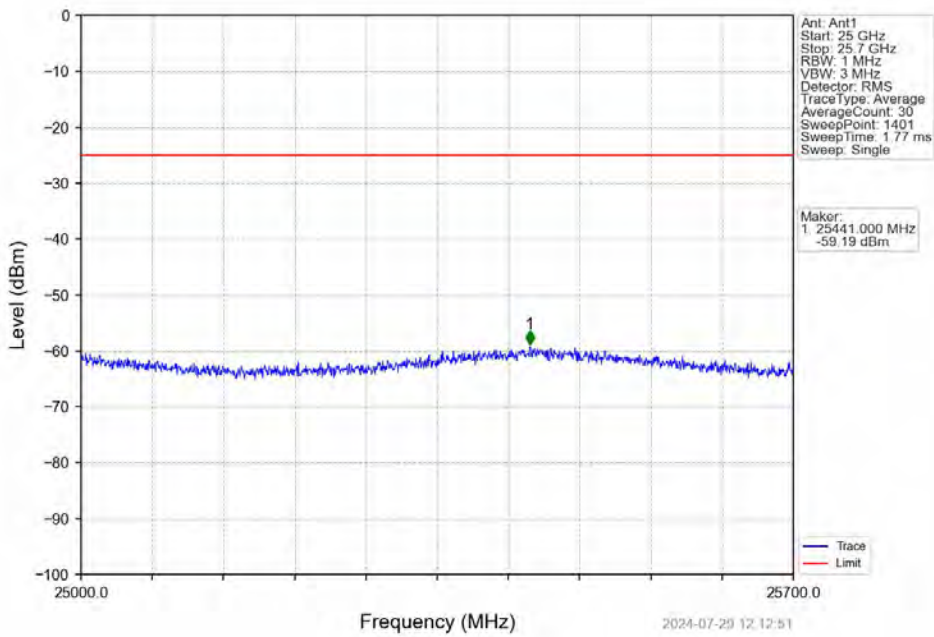
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



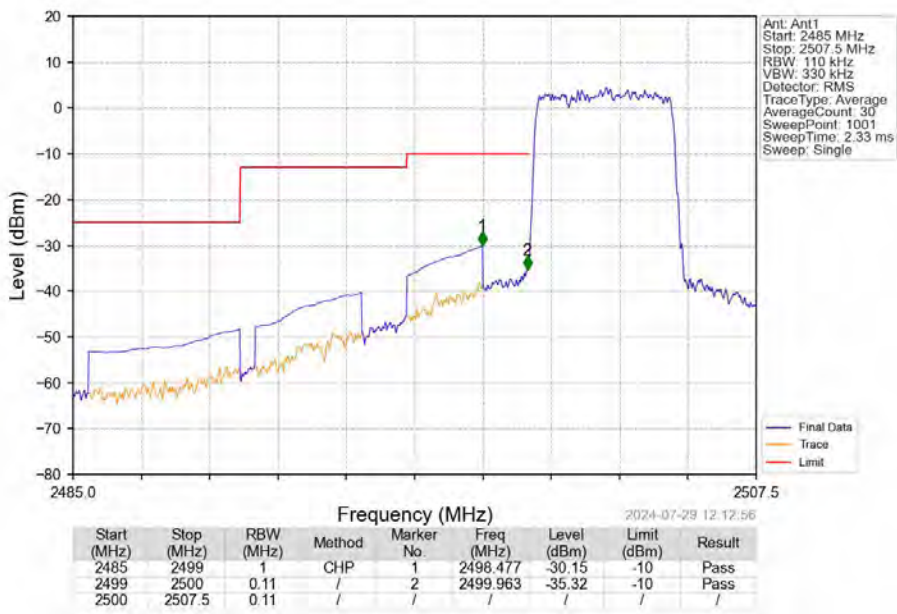
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



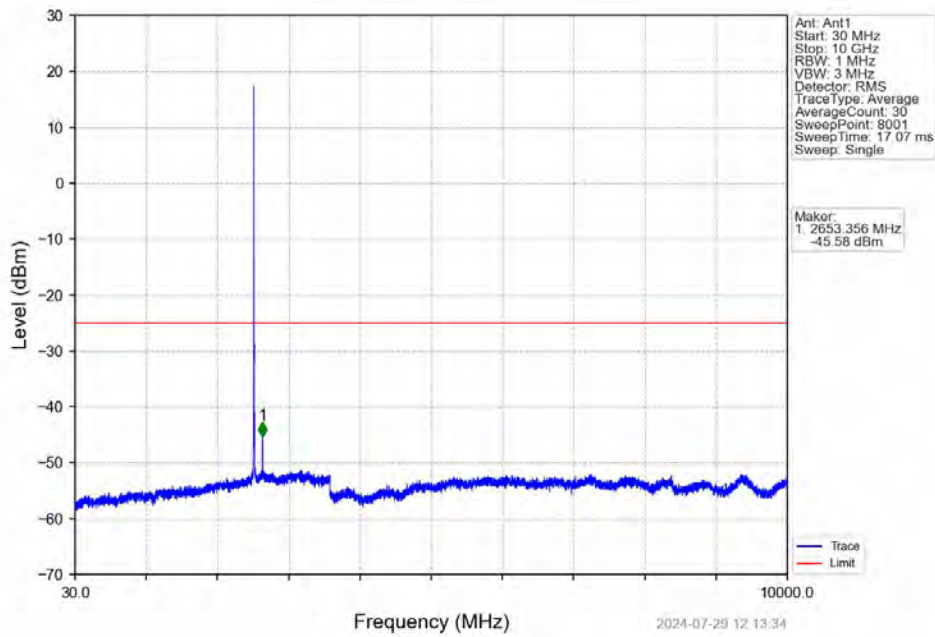
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



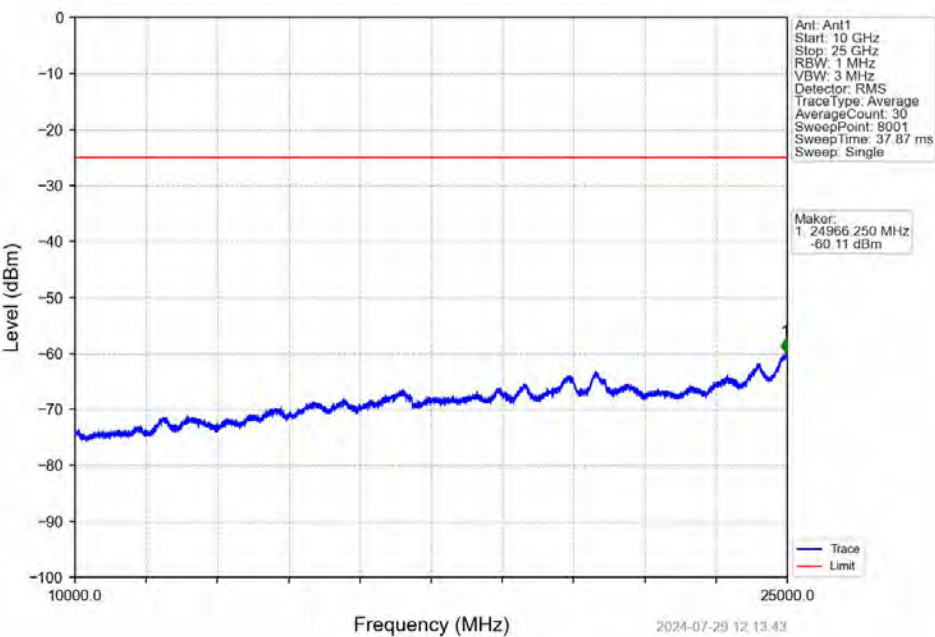
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



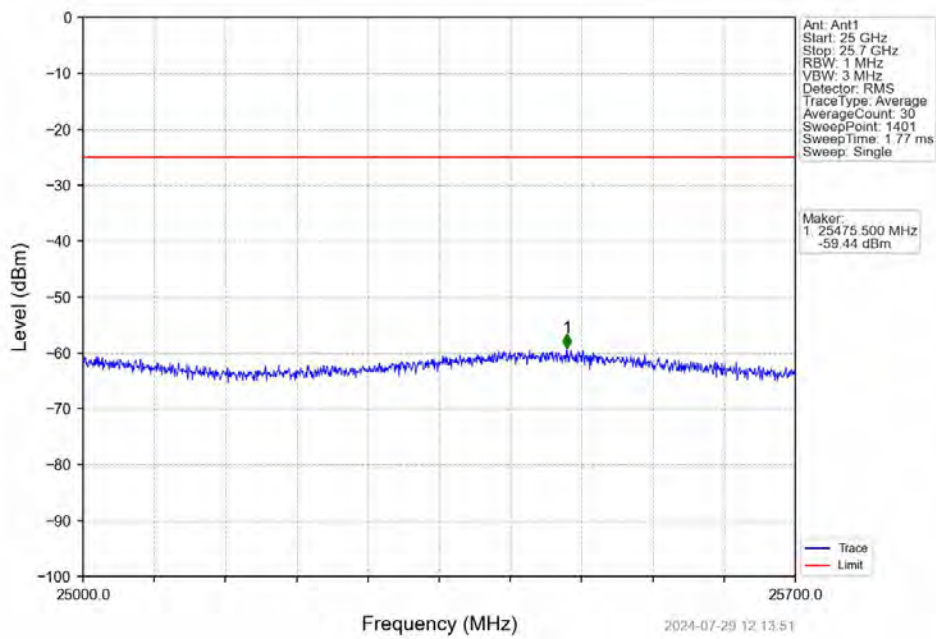
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



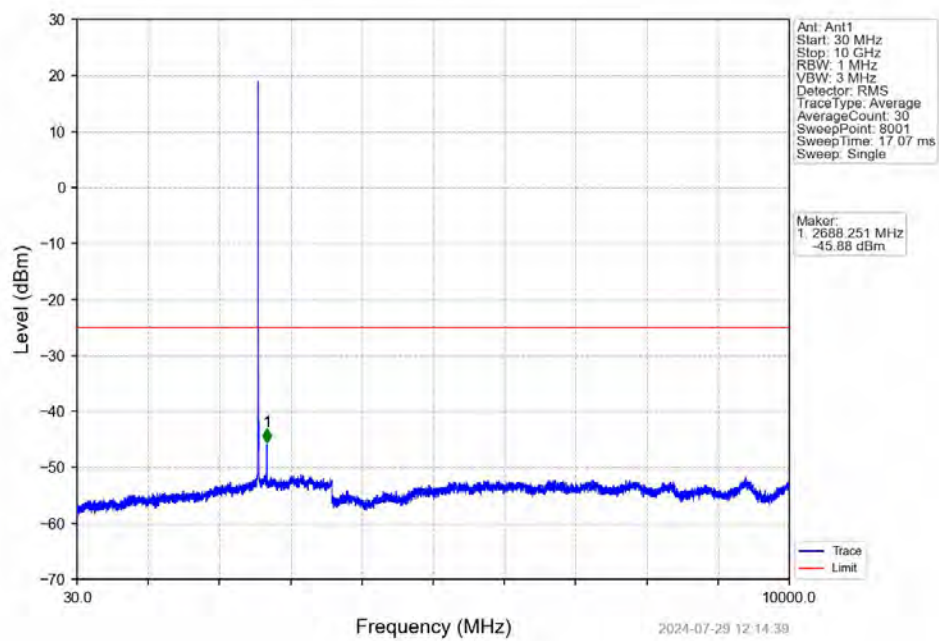
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



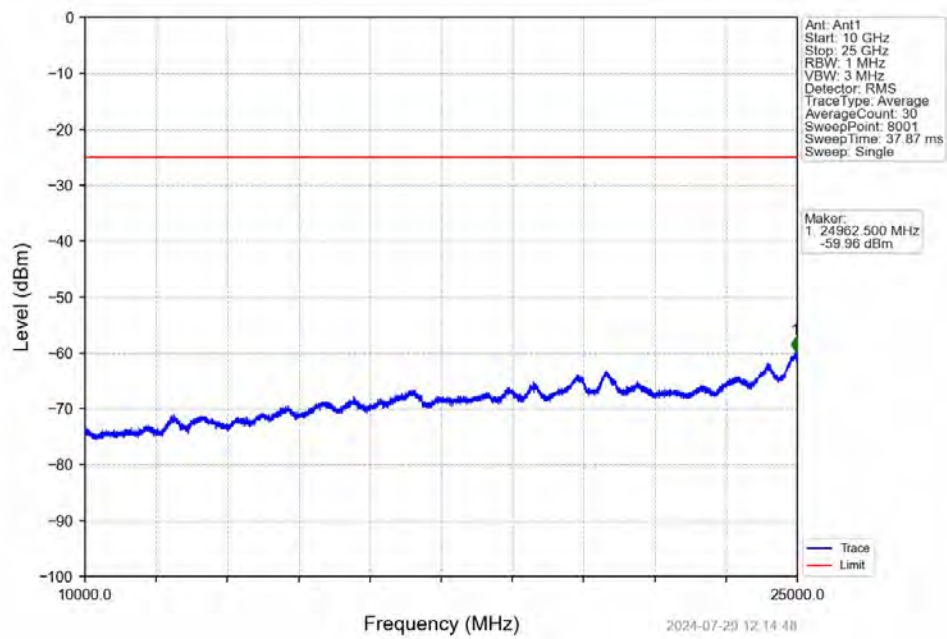
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



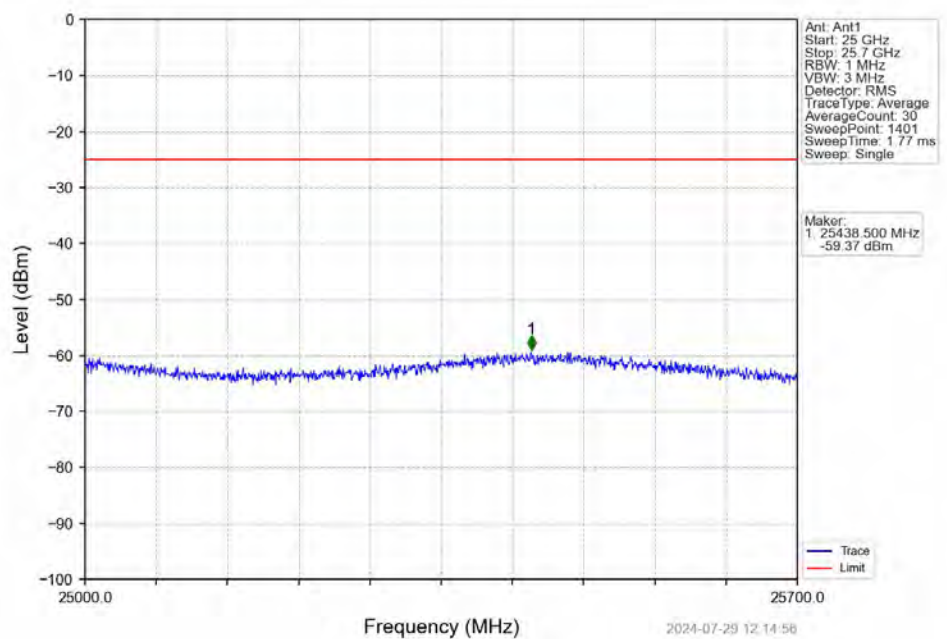
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



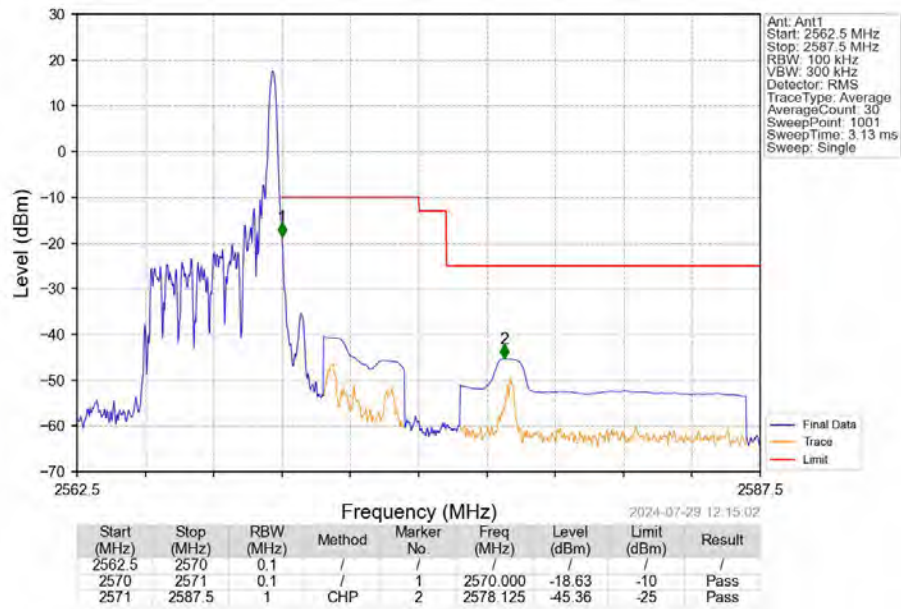
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



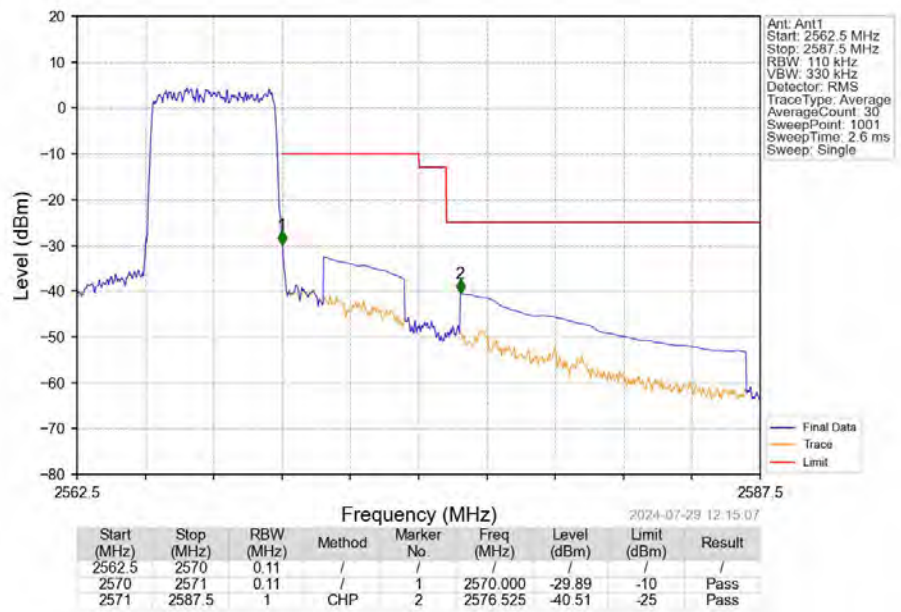
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



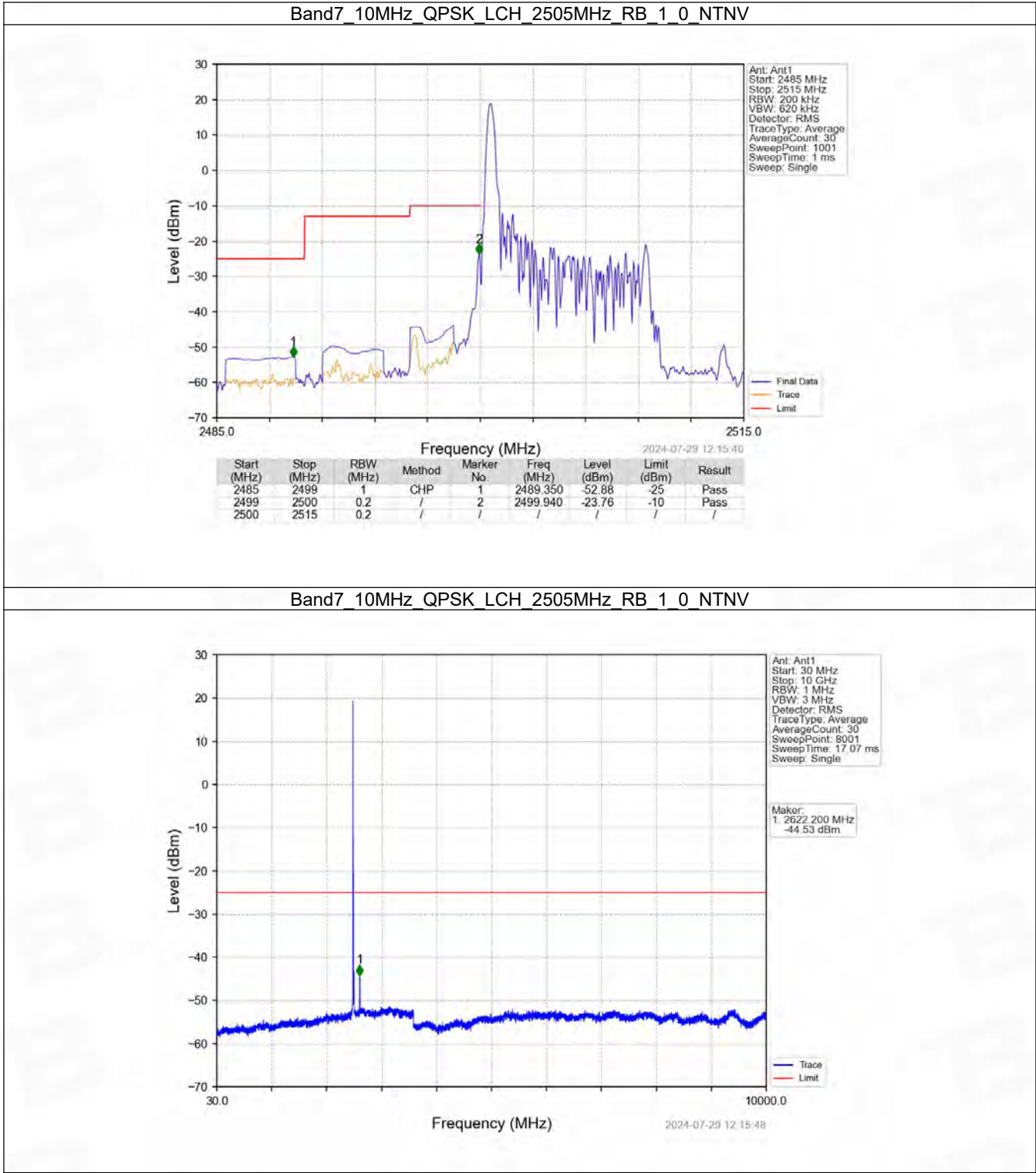
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



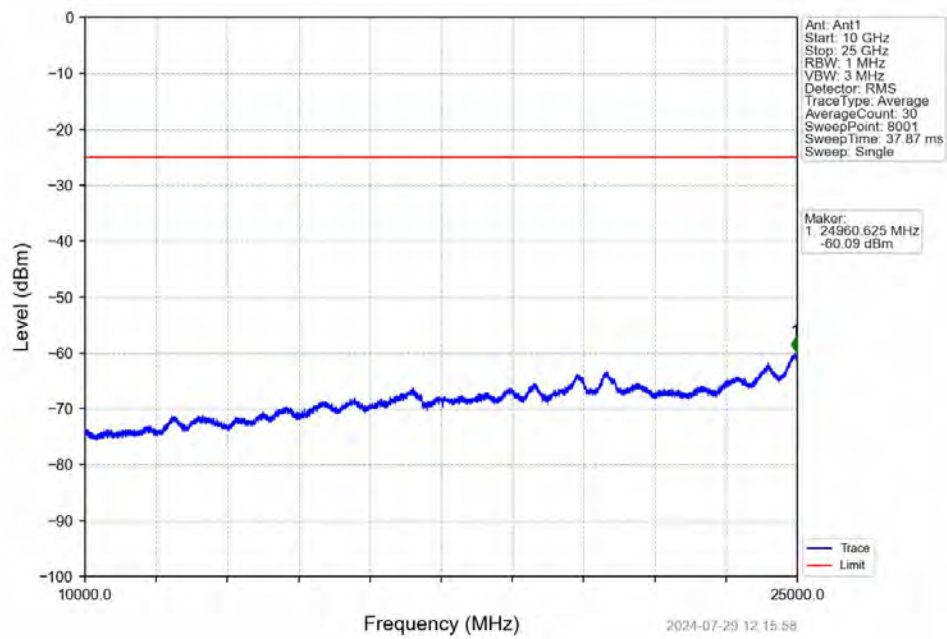
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



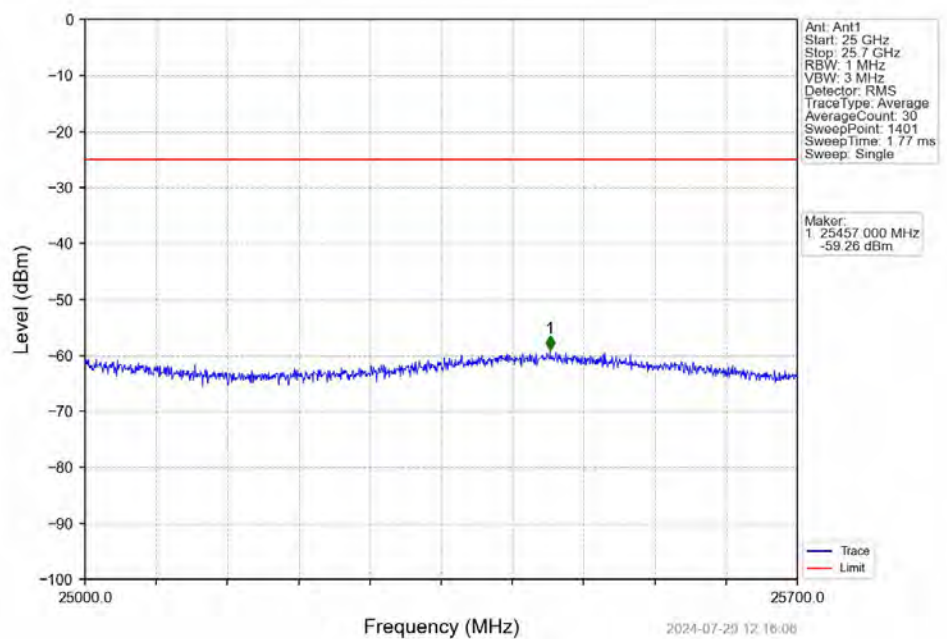
6.2.2 B7_10MHz



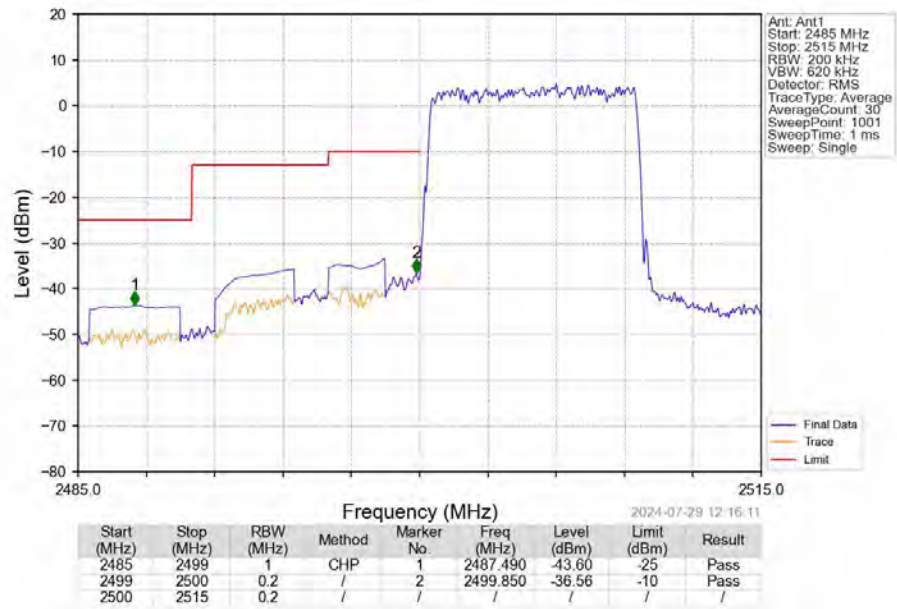
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



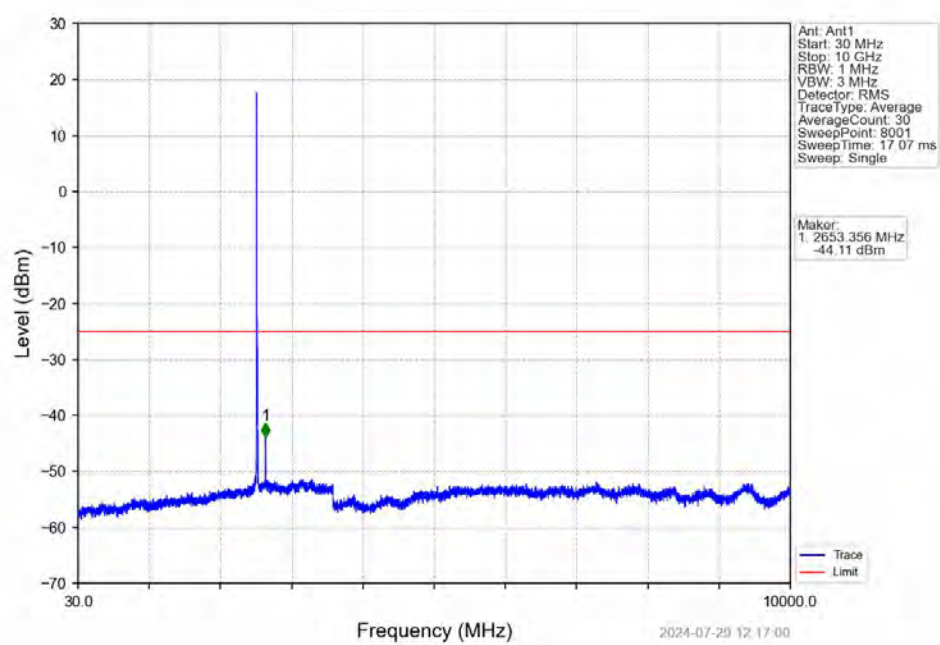
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



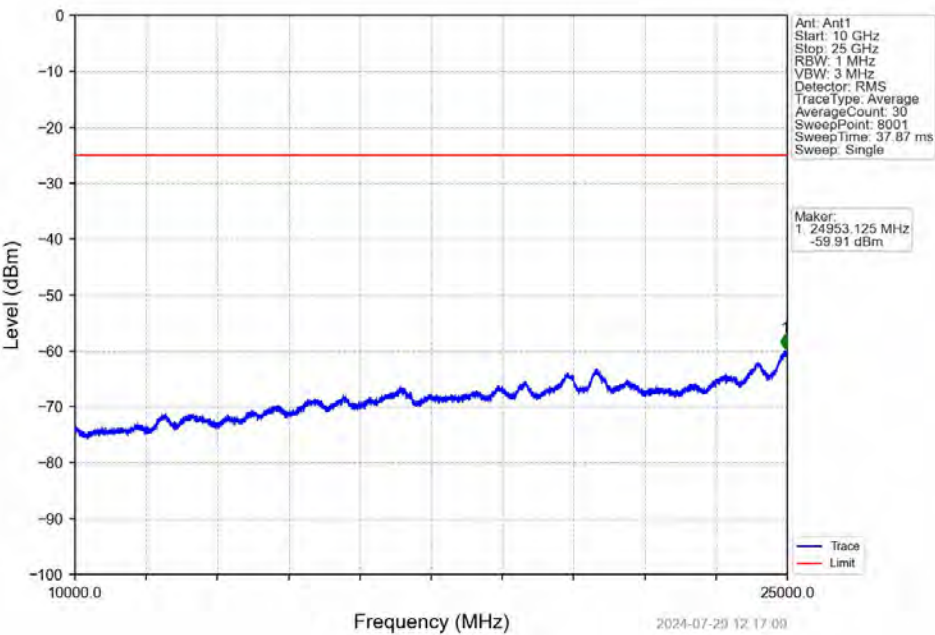
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



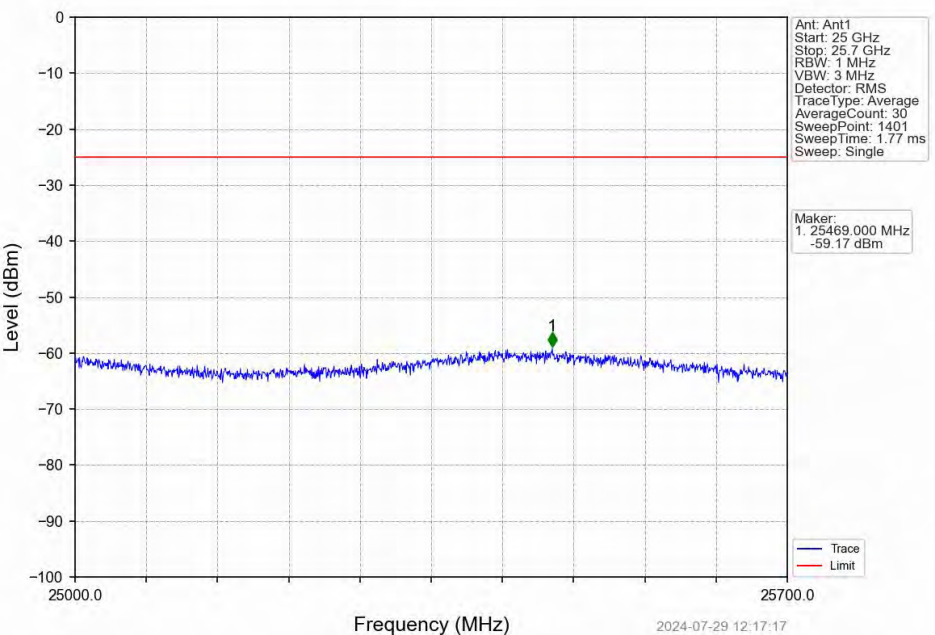
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



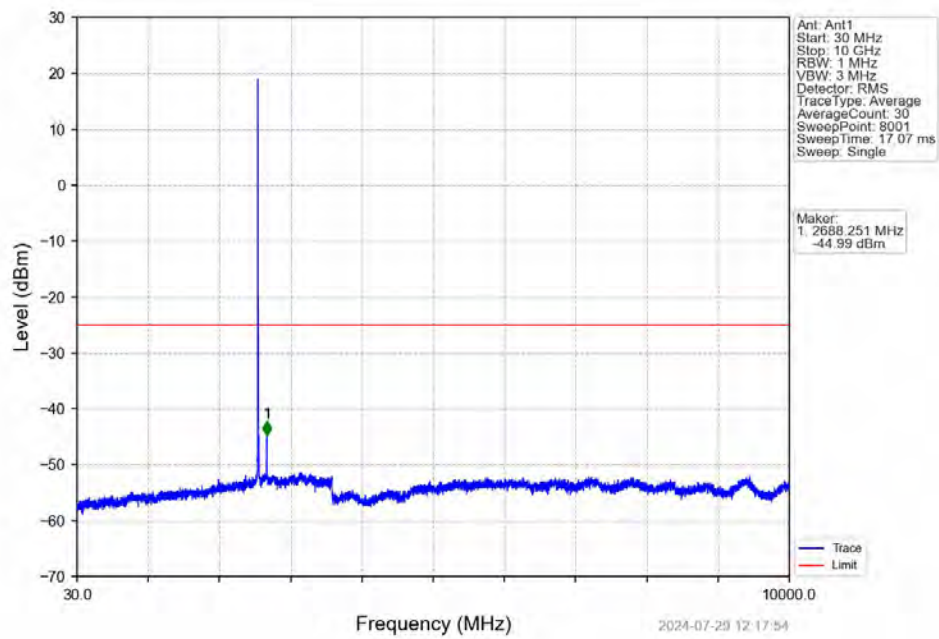
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



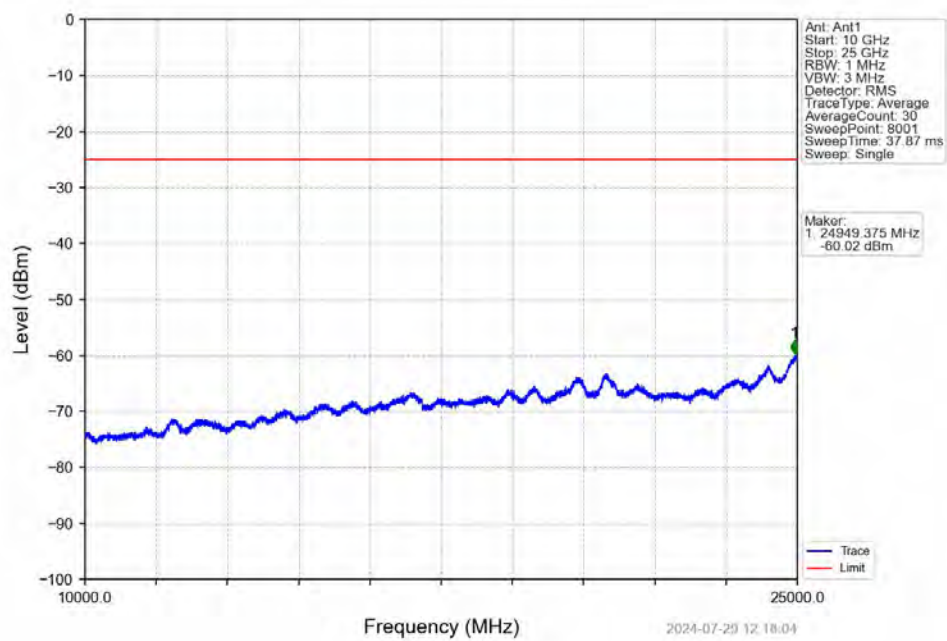
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



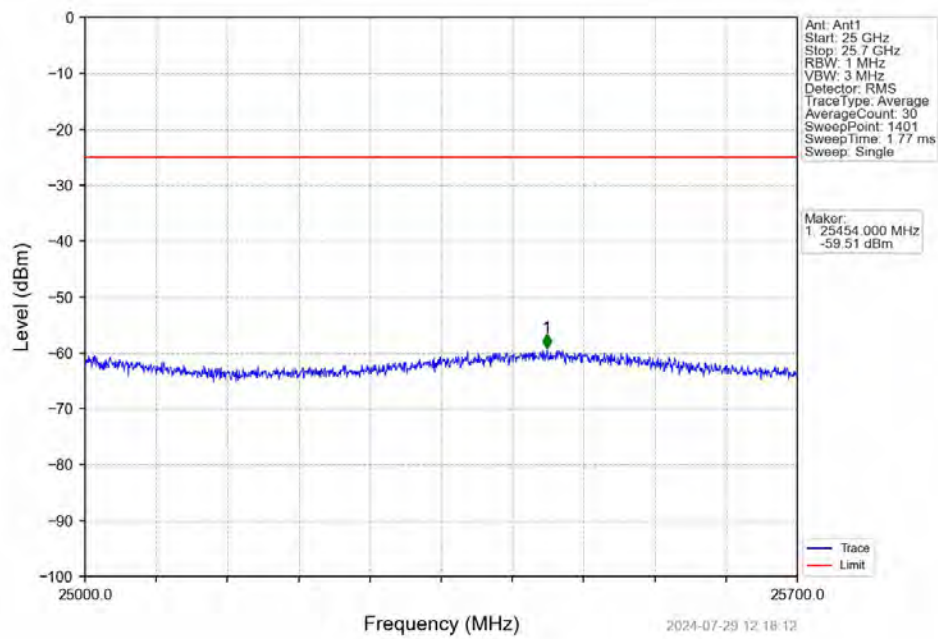
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



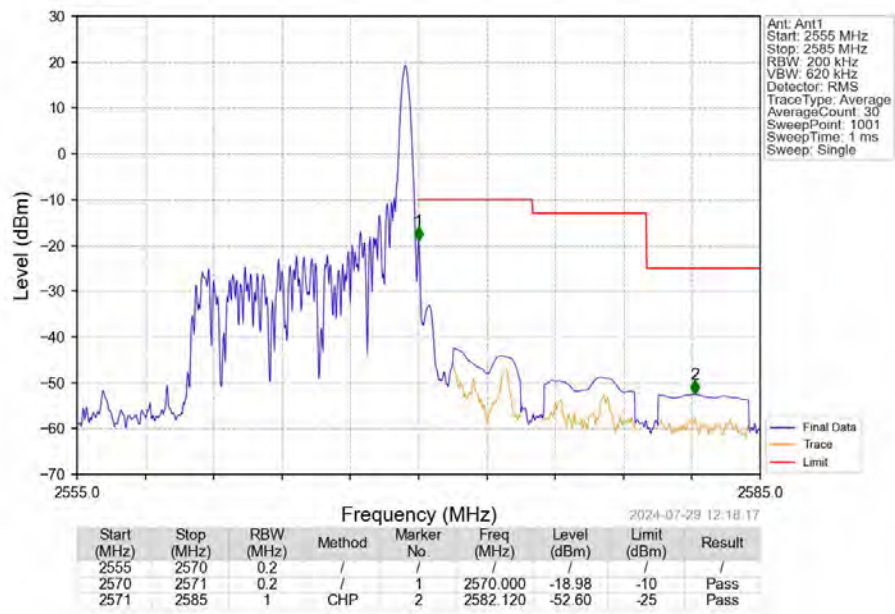
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



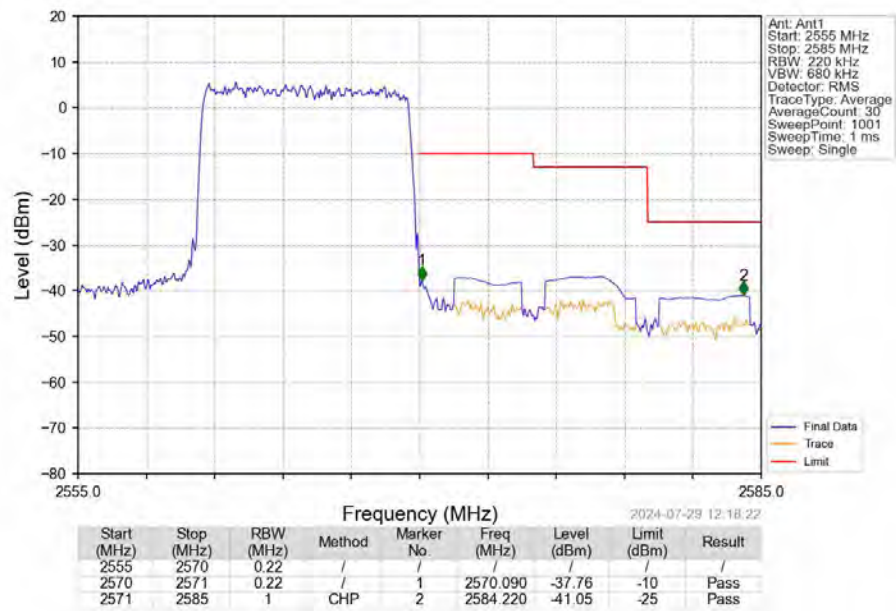
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



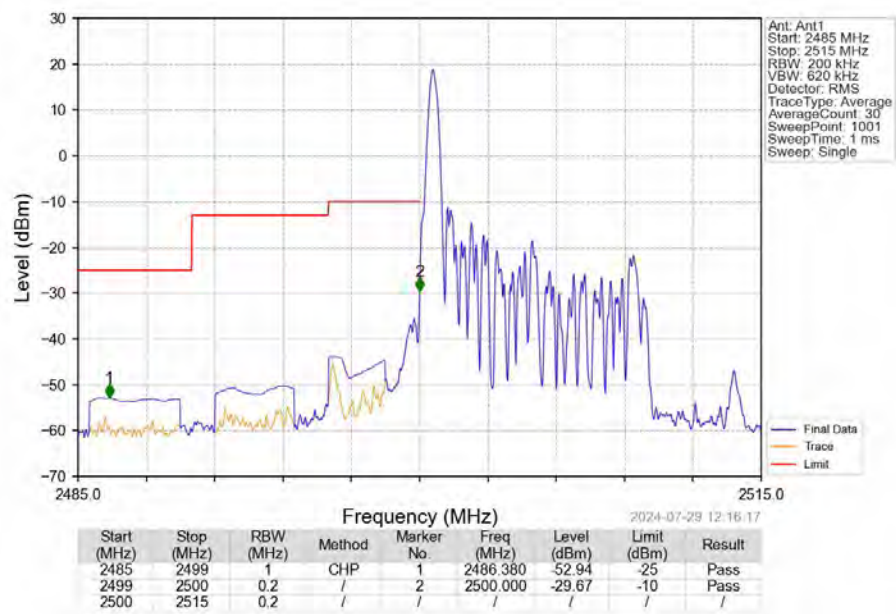
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



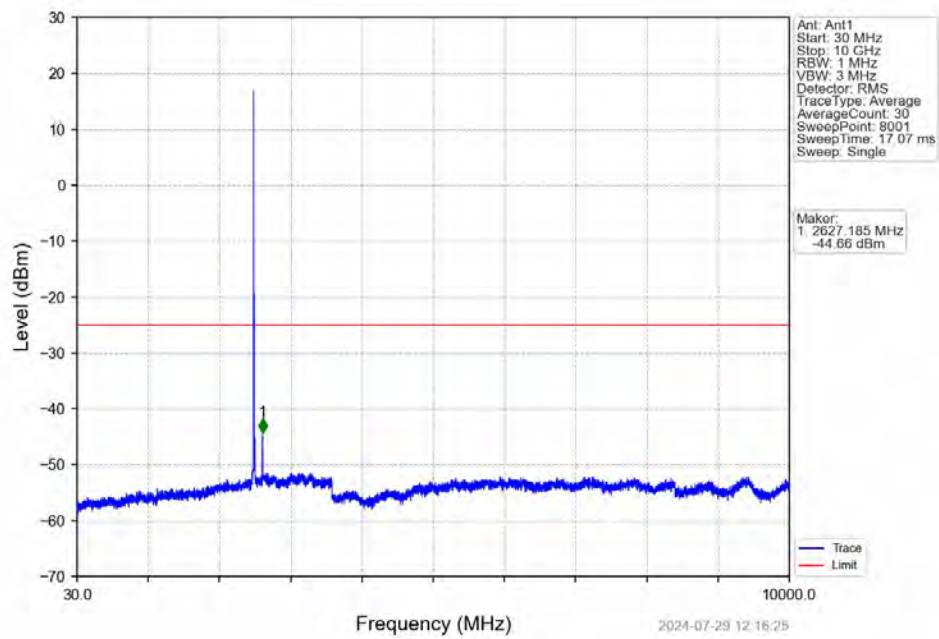
Band7 10MHz QPSK HCH 2565MHz RB 50_0 NTN



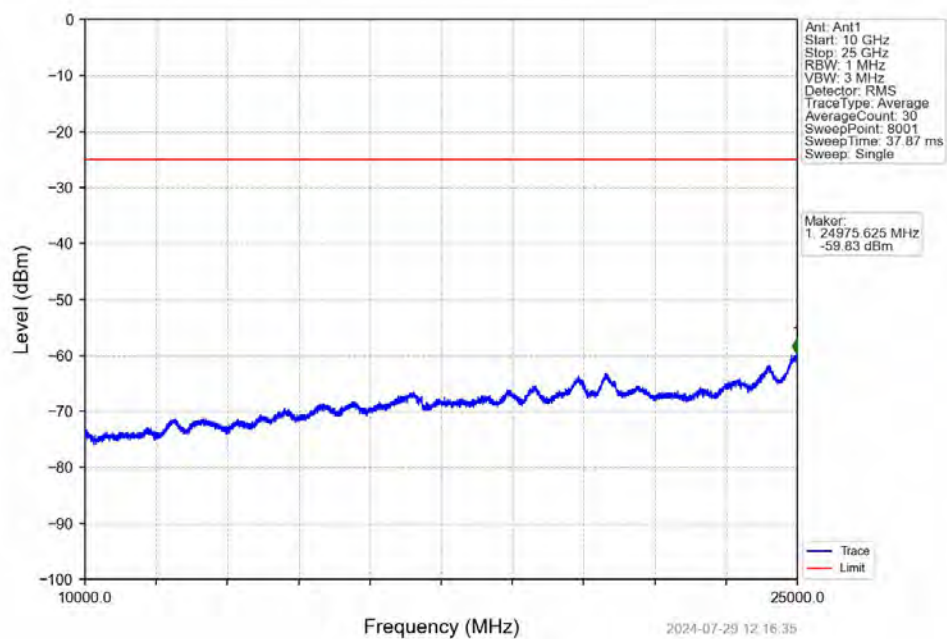
Band7 10MHz 16QAM LCH 2505MHz RB 1_0 NTN



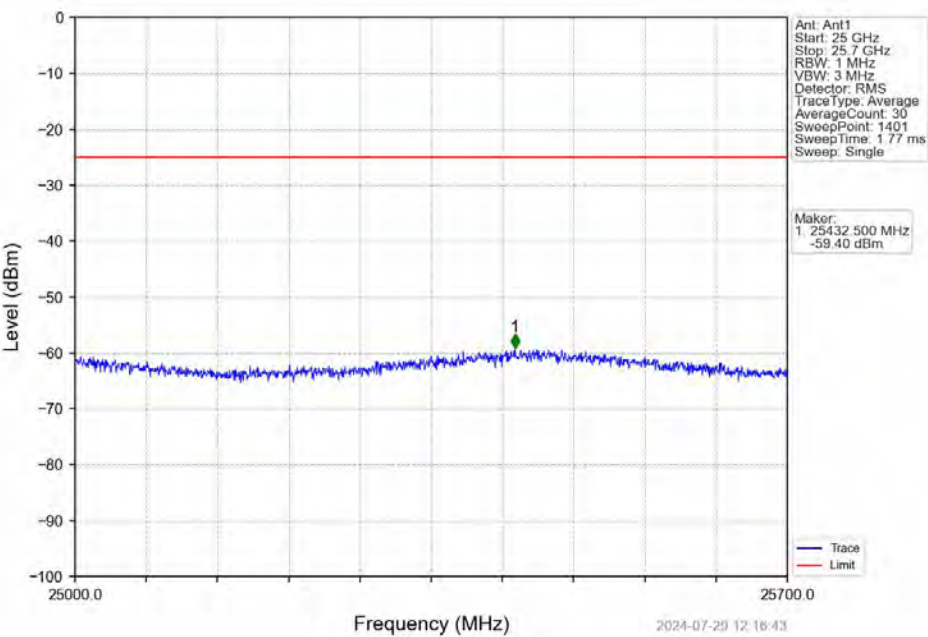
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



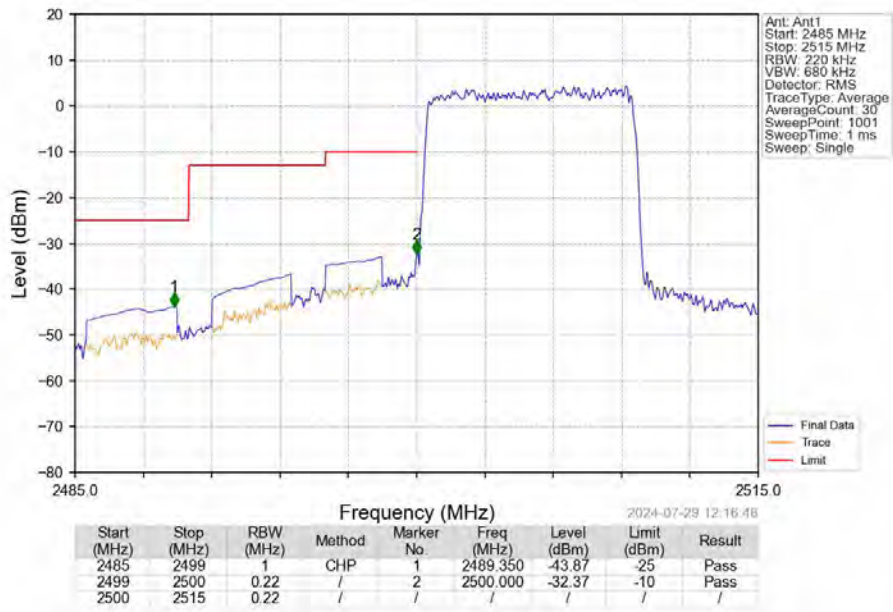
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



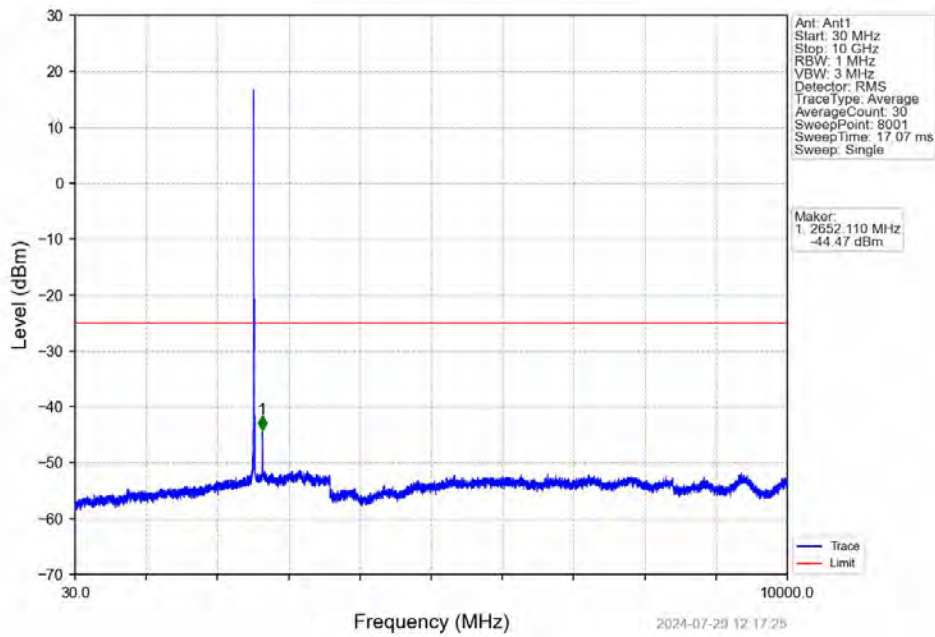
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



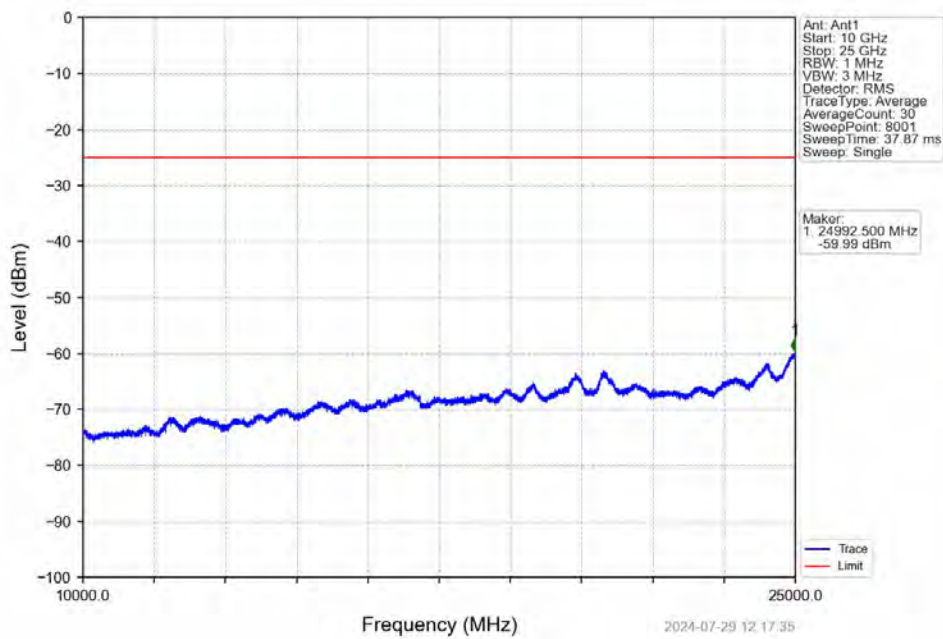
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



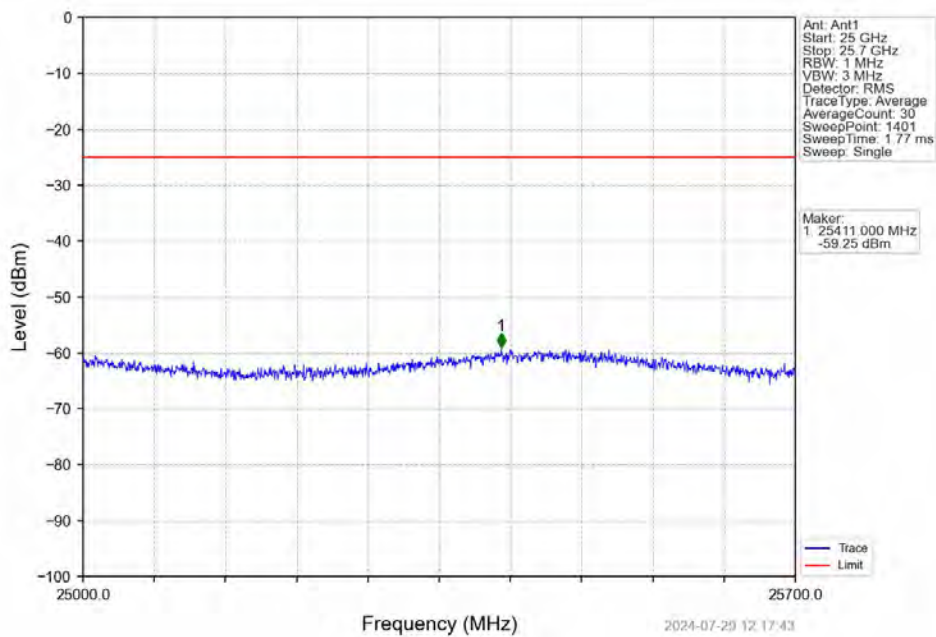
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



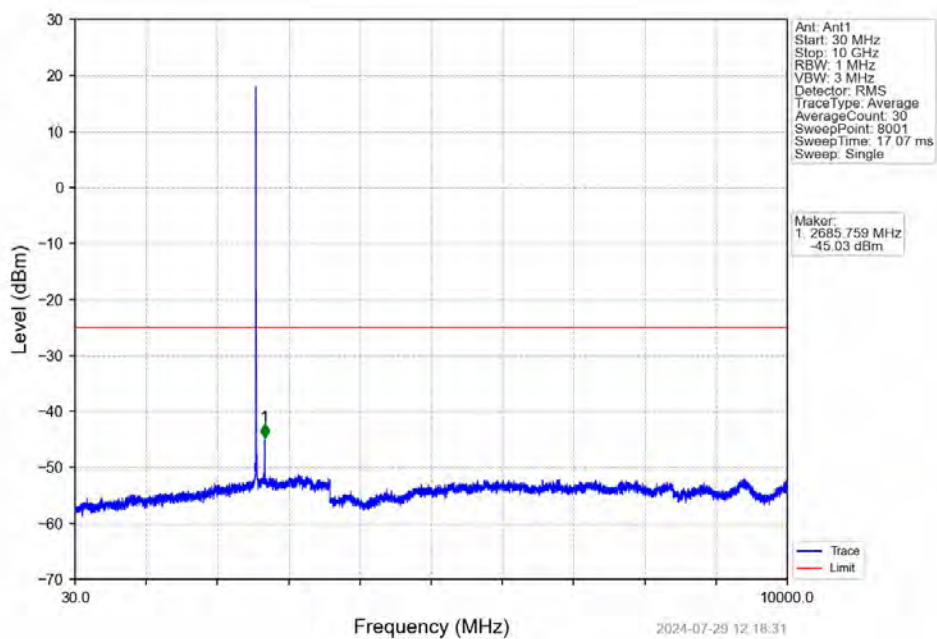
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



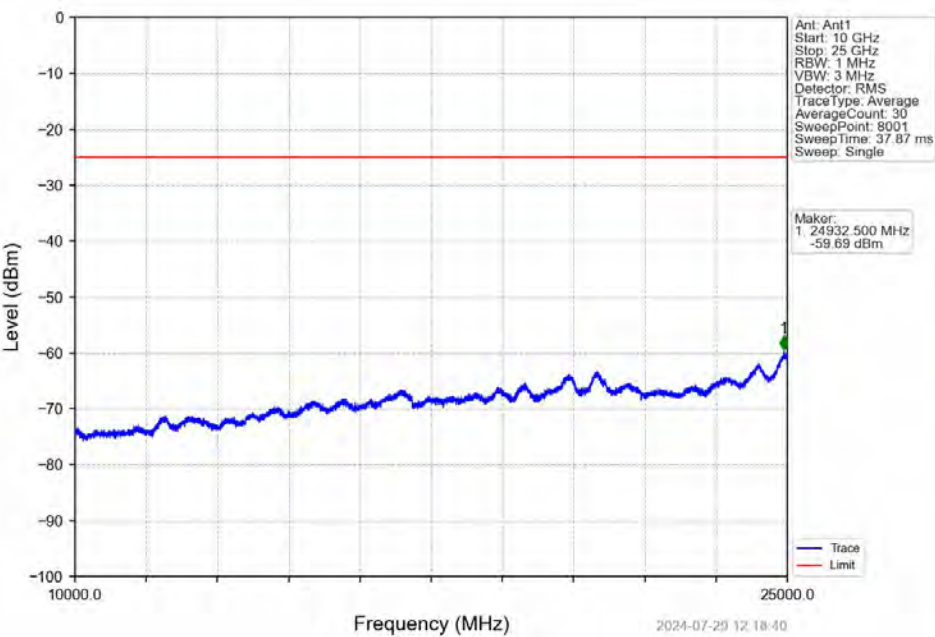
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



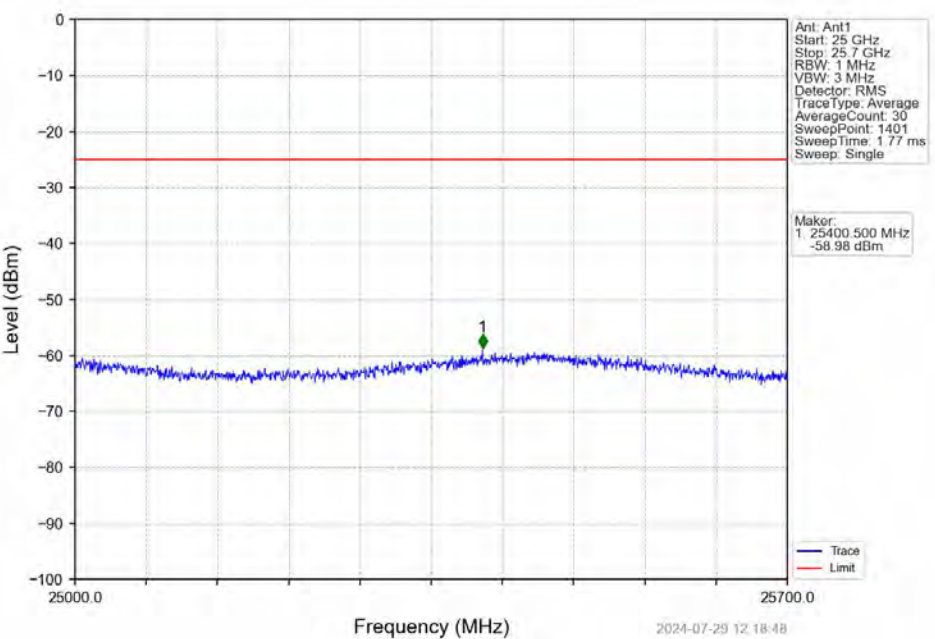
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



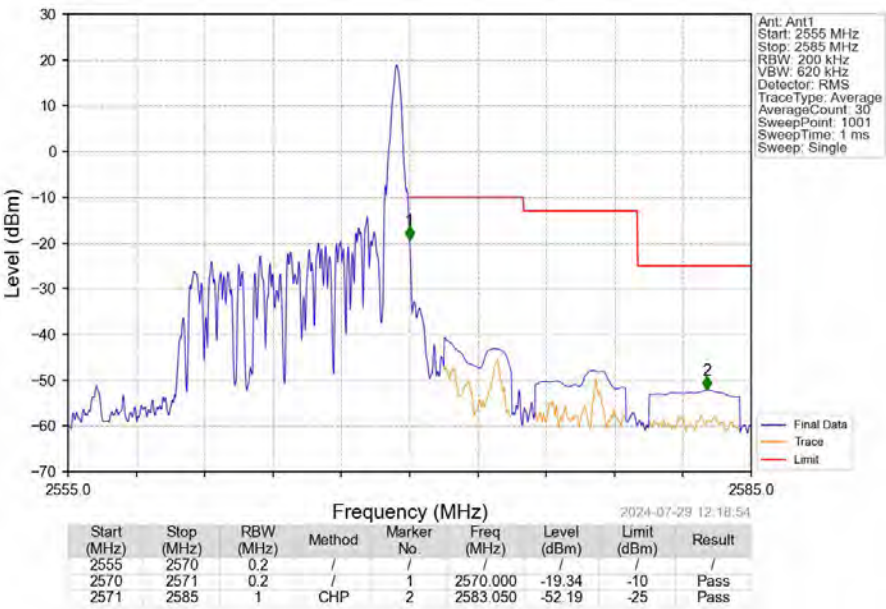
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



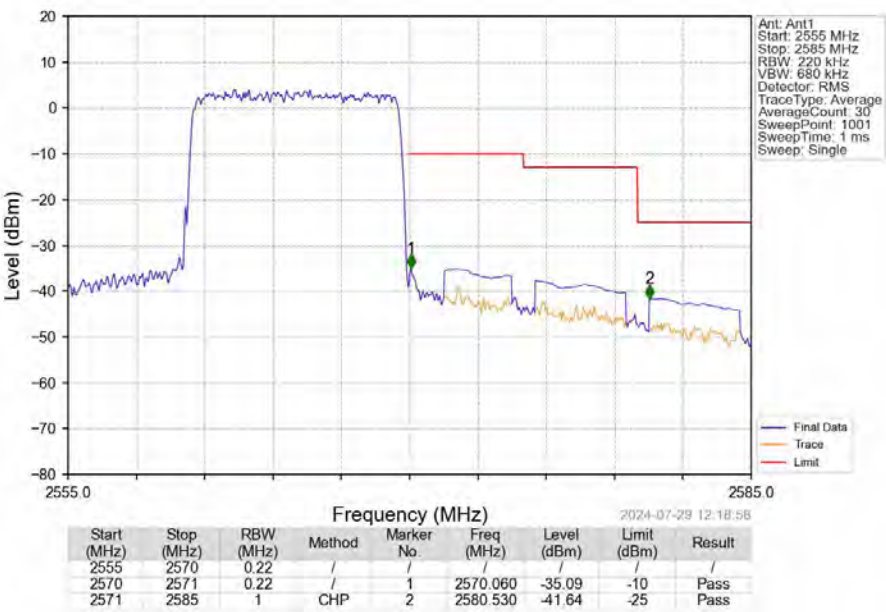
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



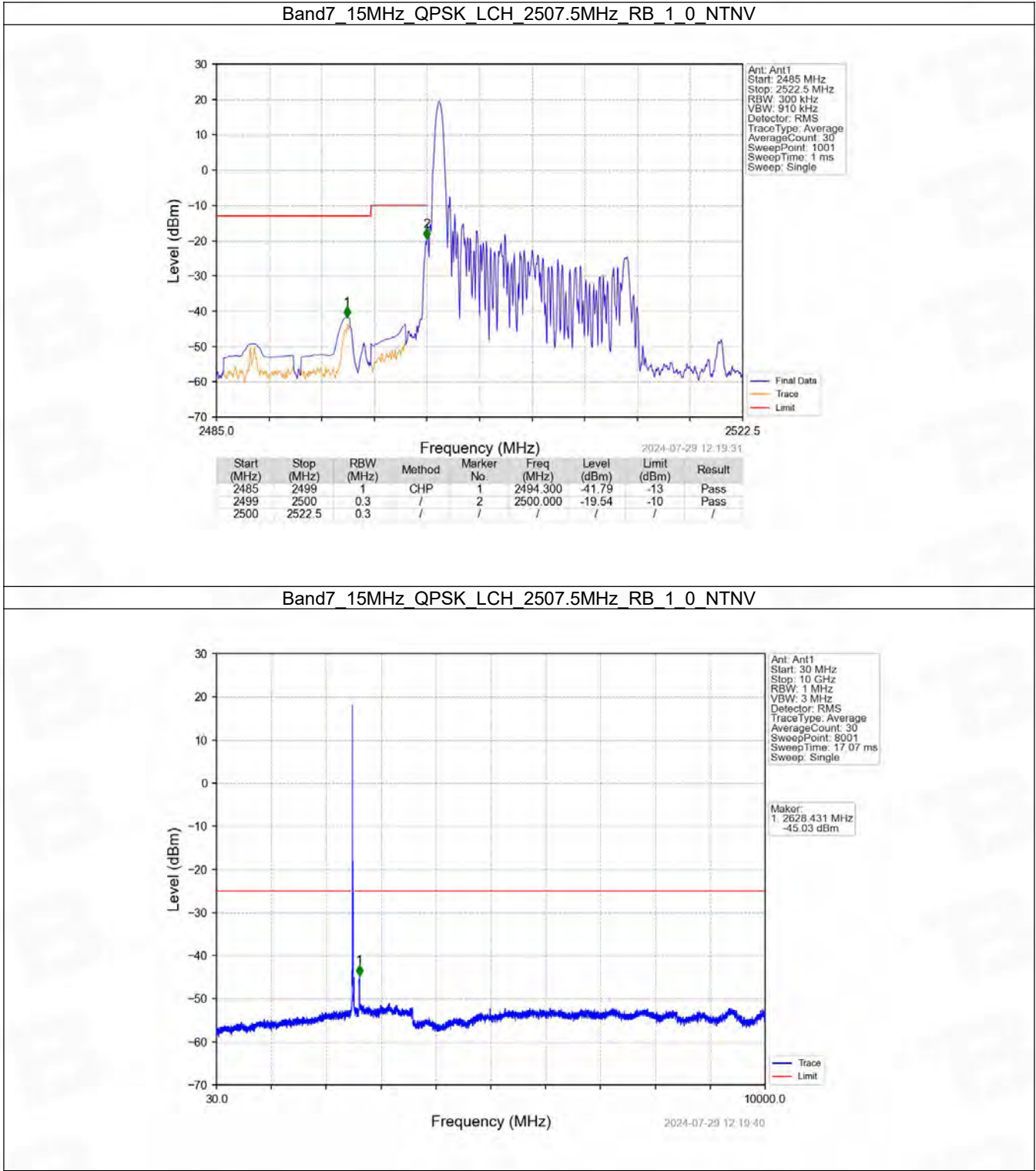
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_49_NTNV



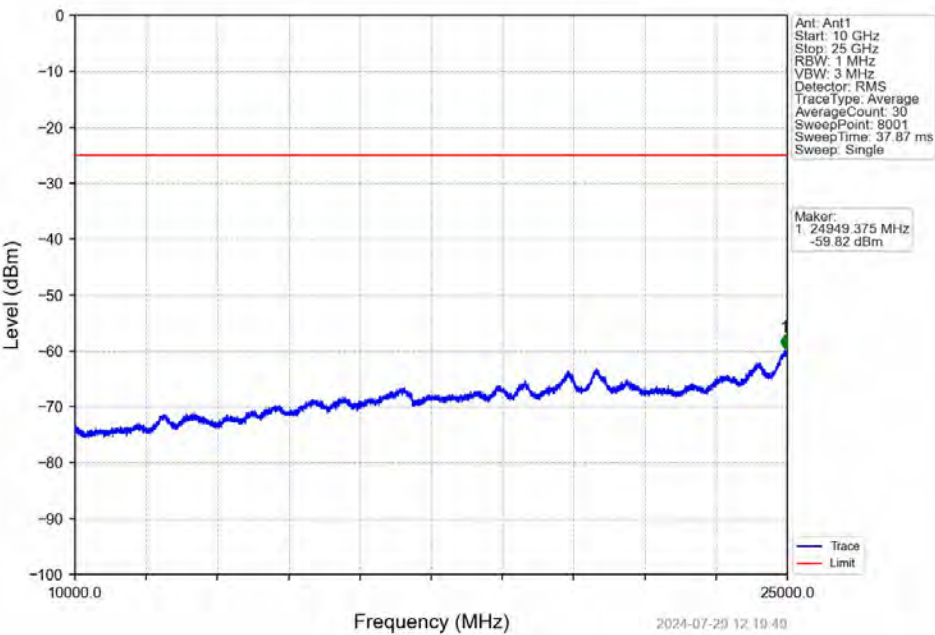
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



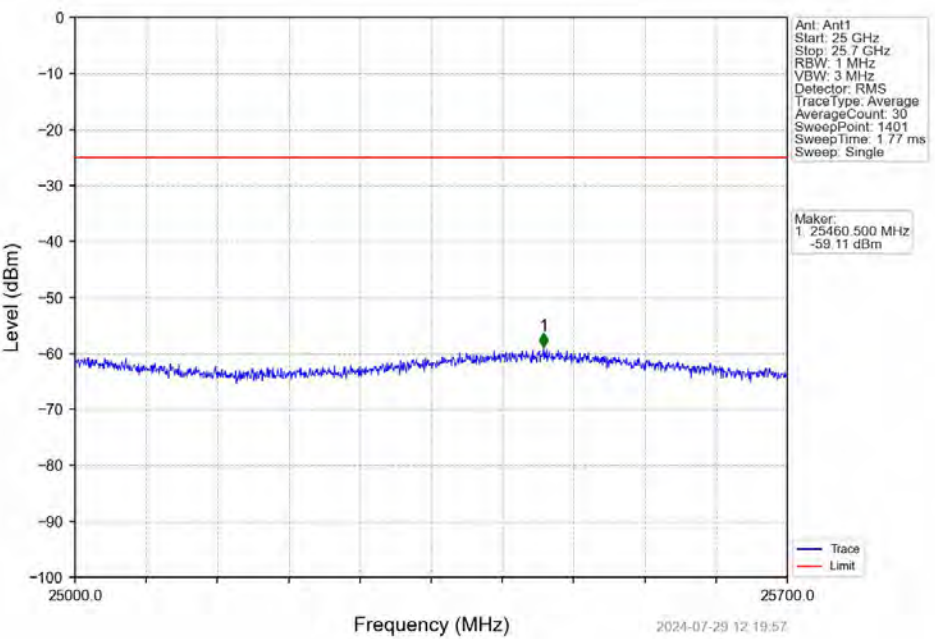
6.2.3 B7_15MHz



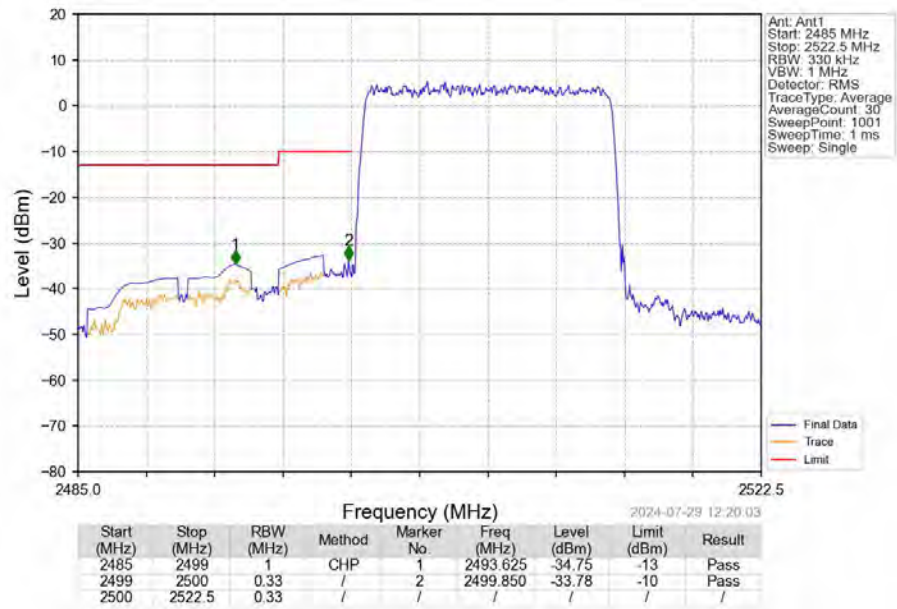
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



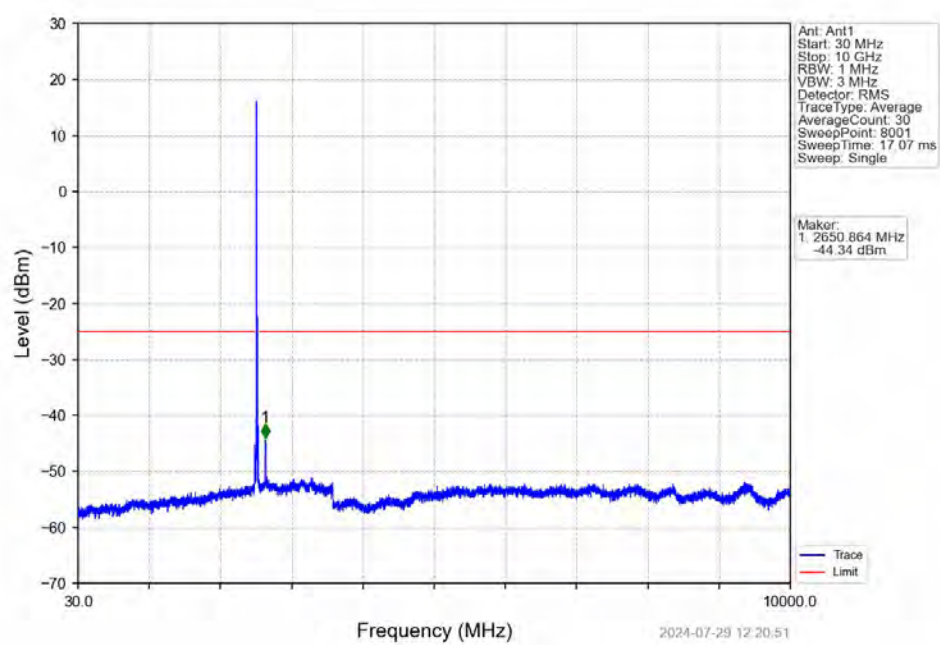
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



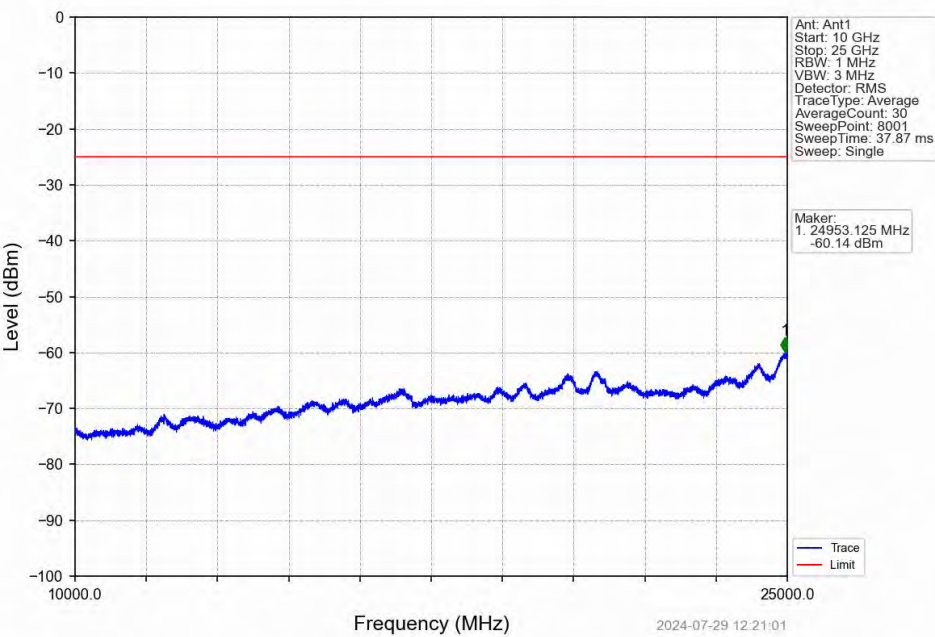
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



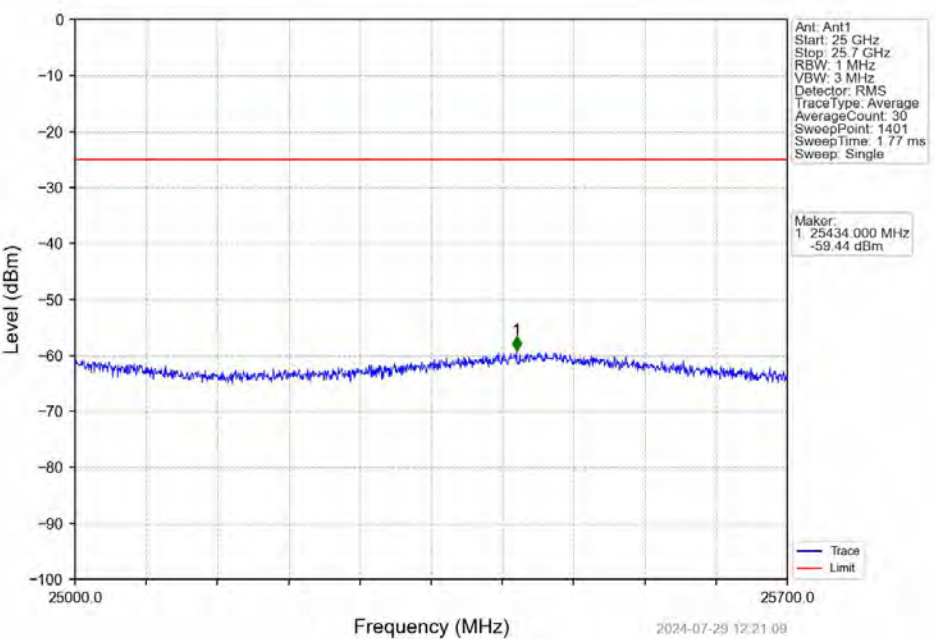
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



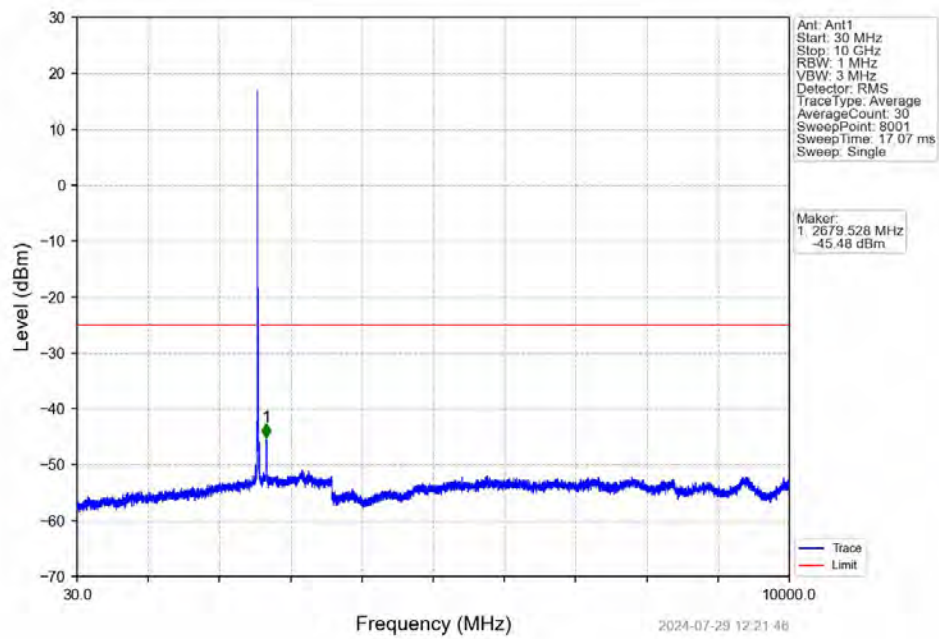
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



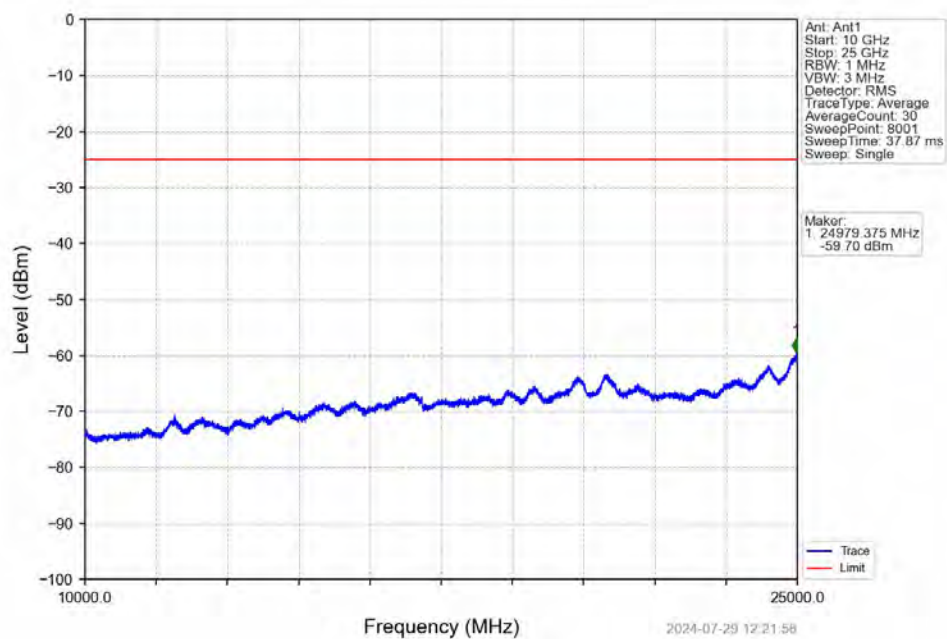
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



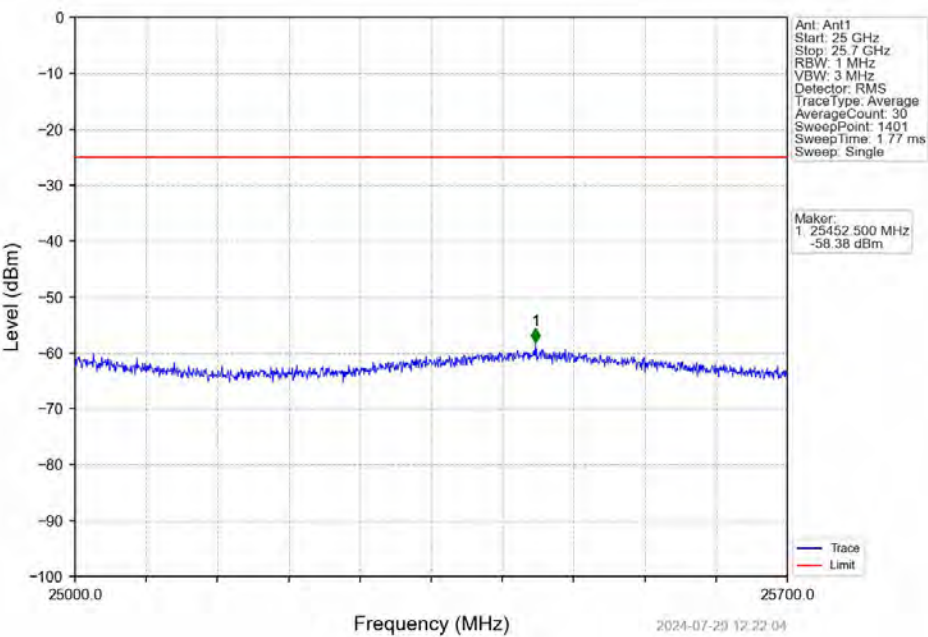
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



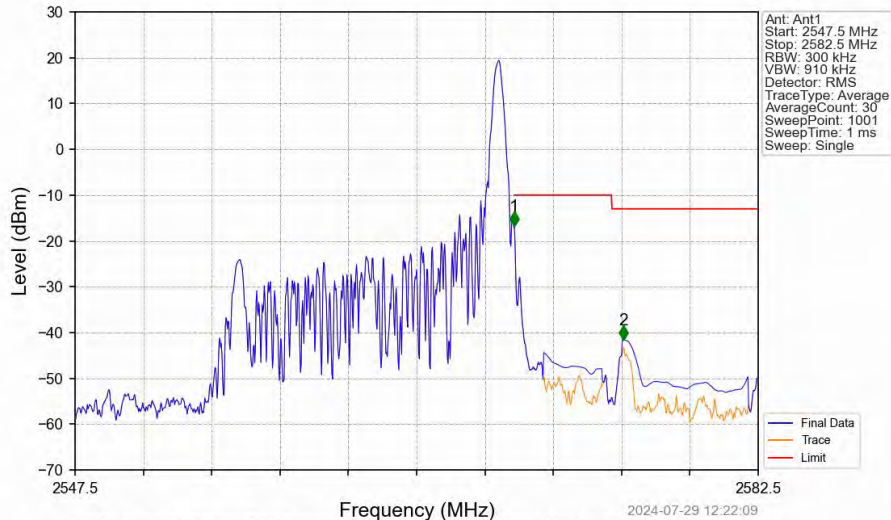
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

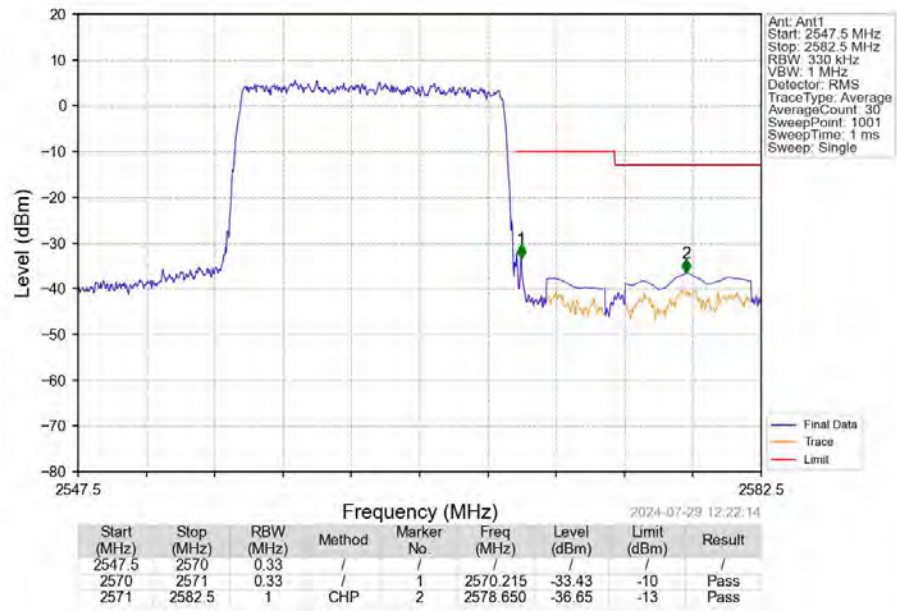


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV

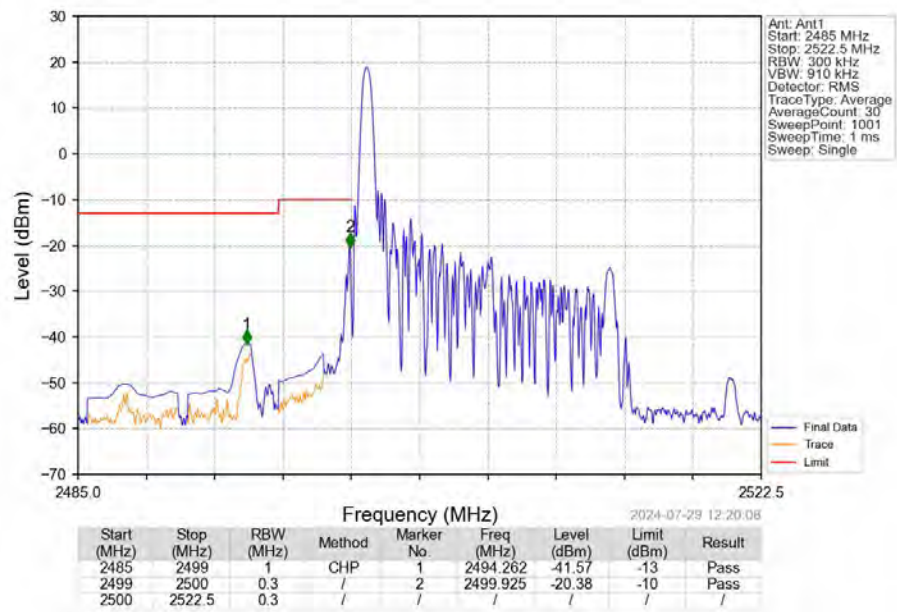


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	/	1	2570.005	-16.80	-10	Pass
2570	2571	0.3	/	1	2570.005	-16.80	-10	Pass
2571	2582.5	1	CHP	2	2575.605	-41.66	-13	Pass

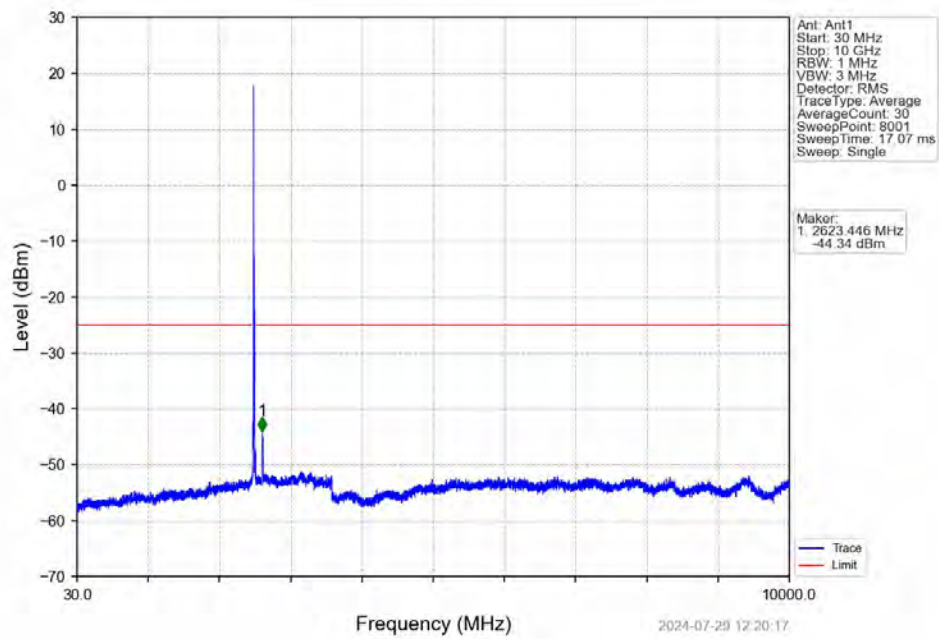
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



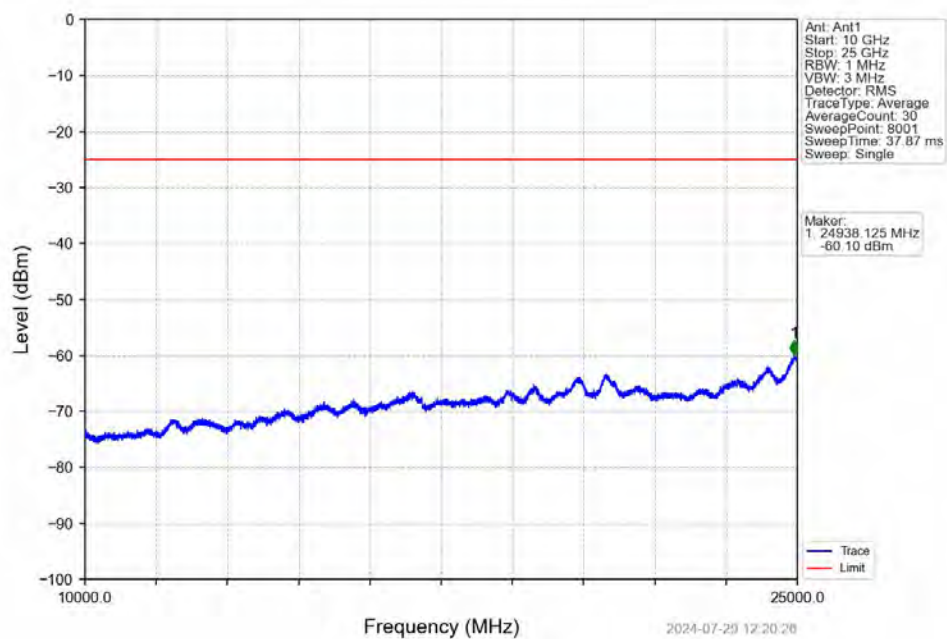
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



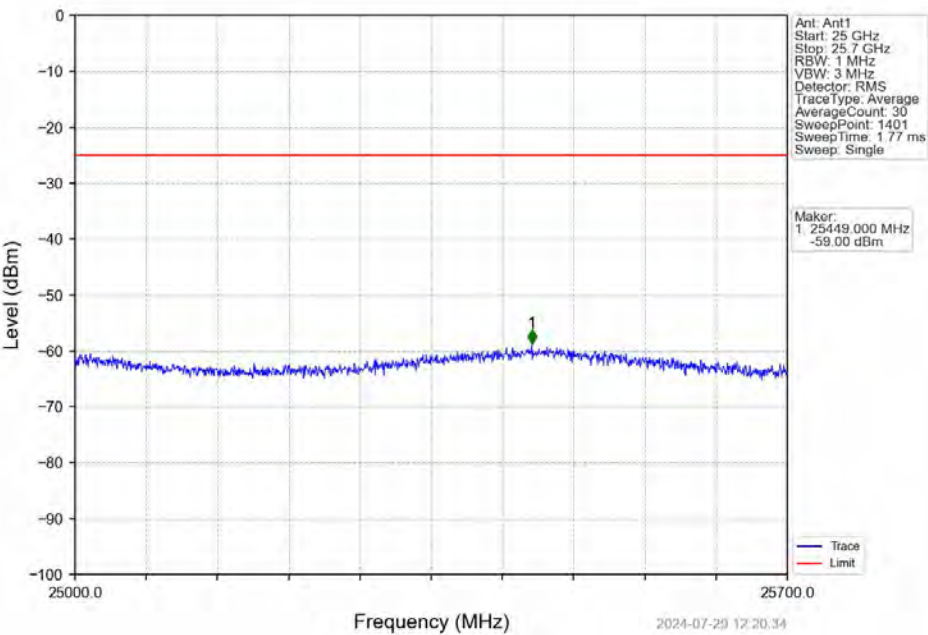
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



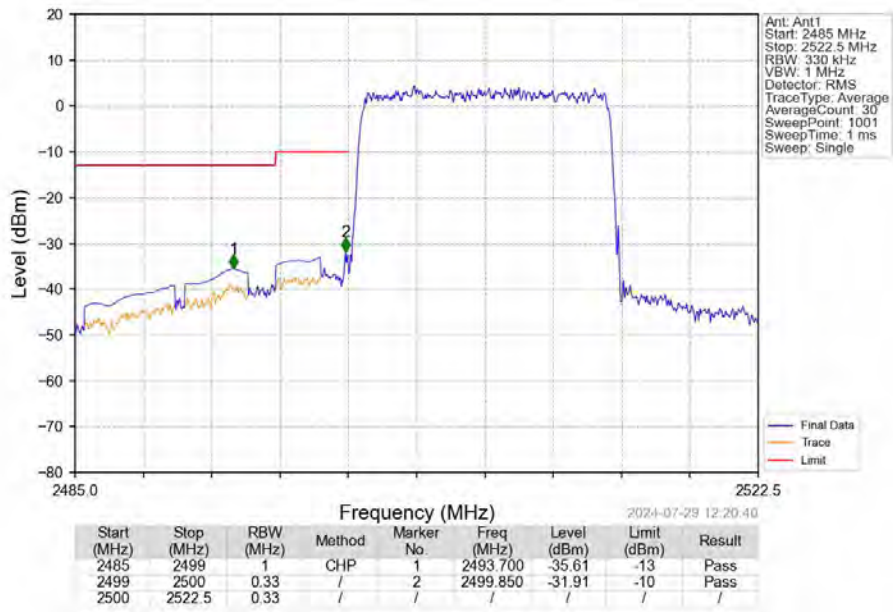
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



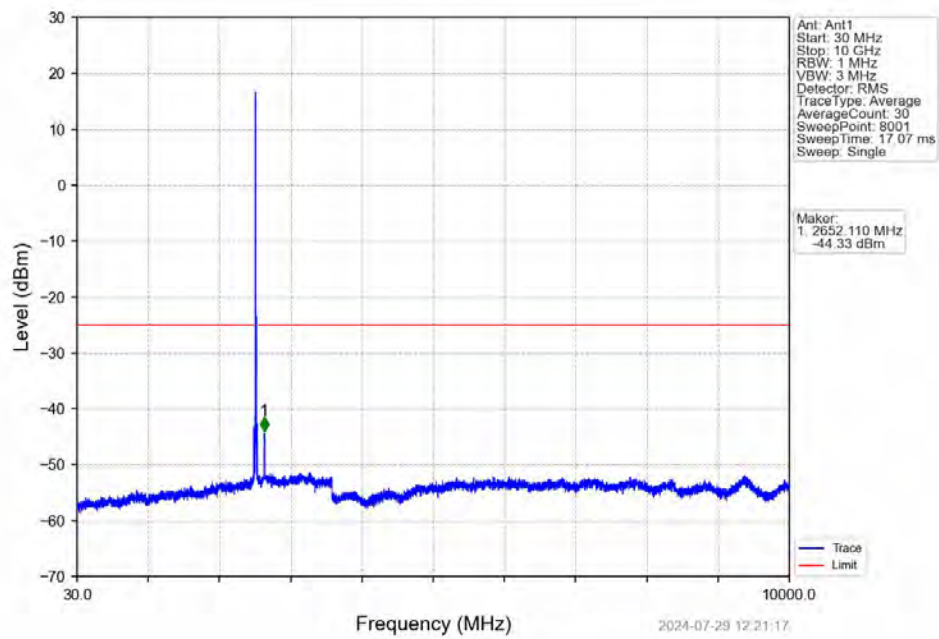
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



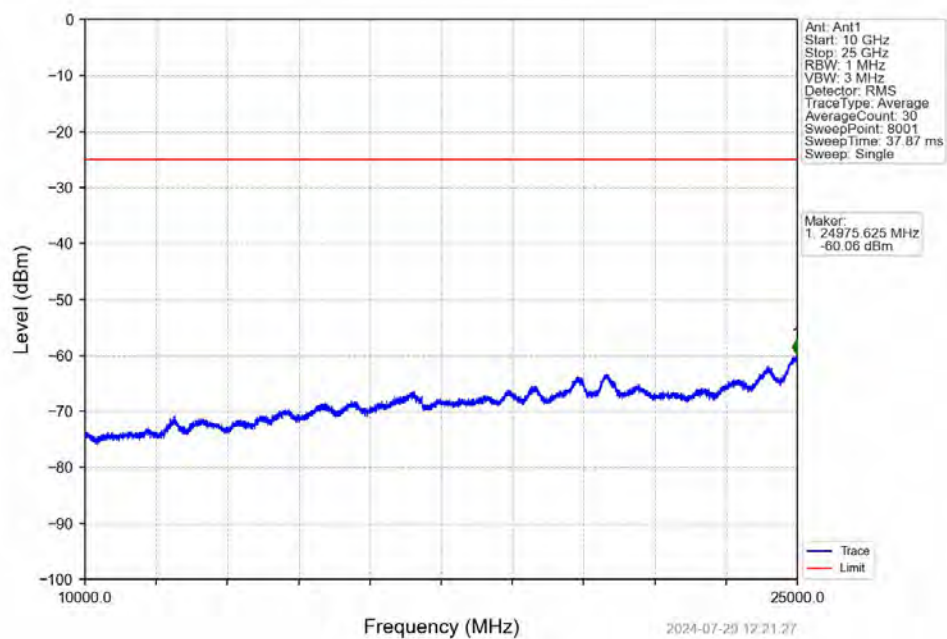
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



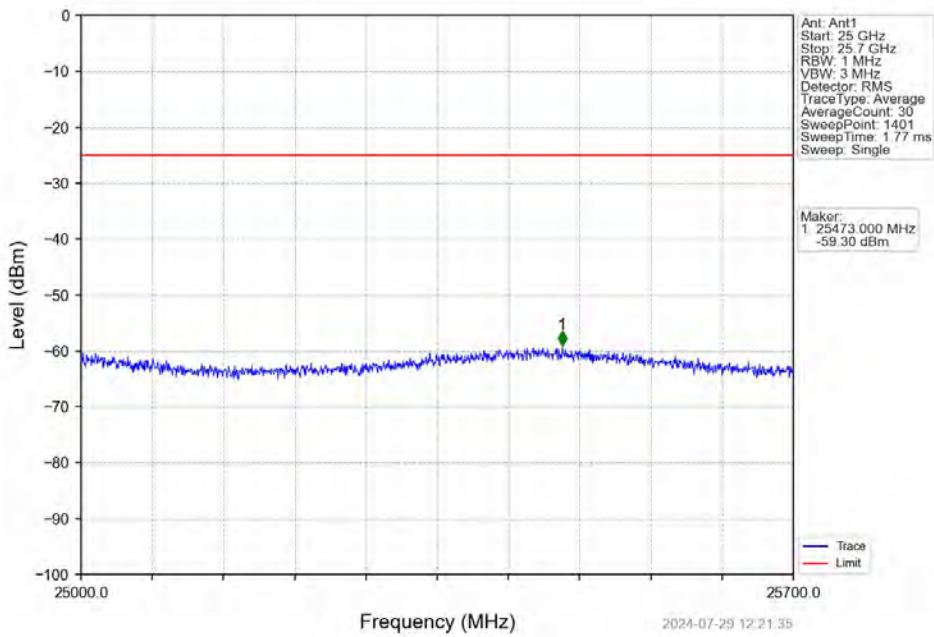
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



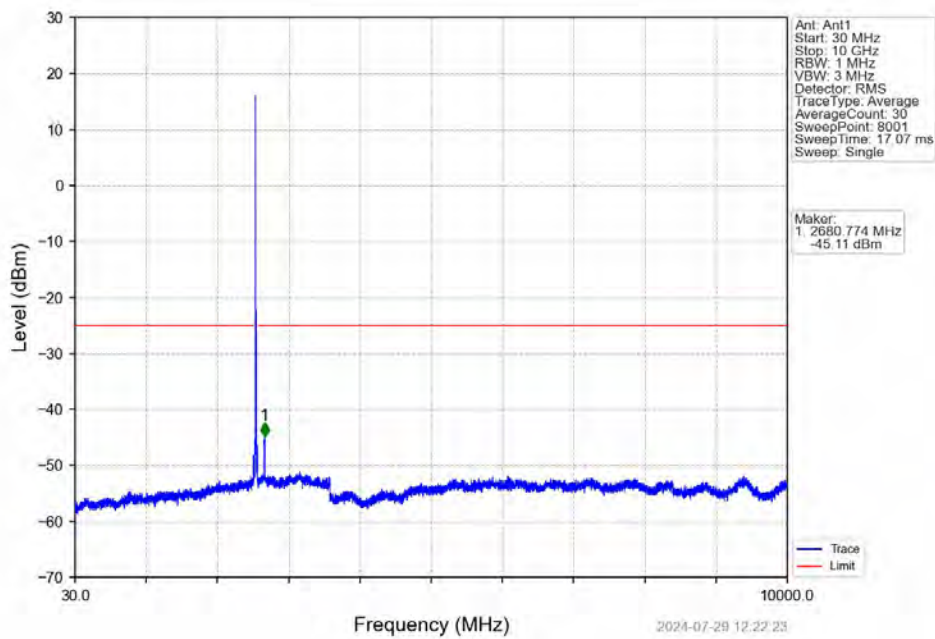
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



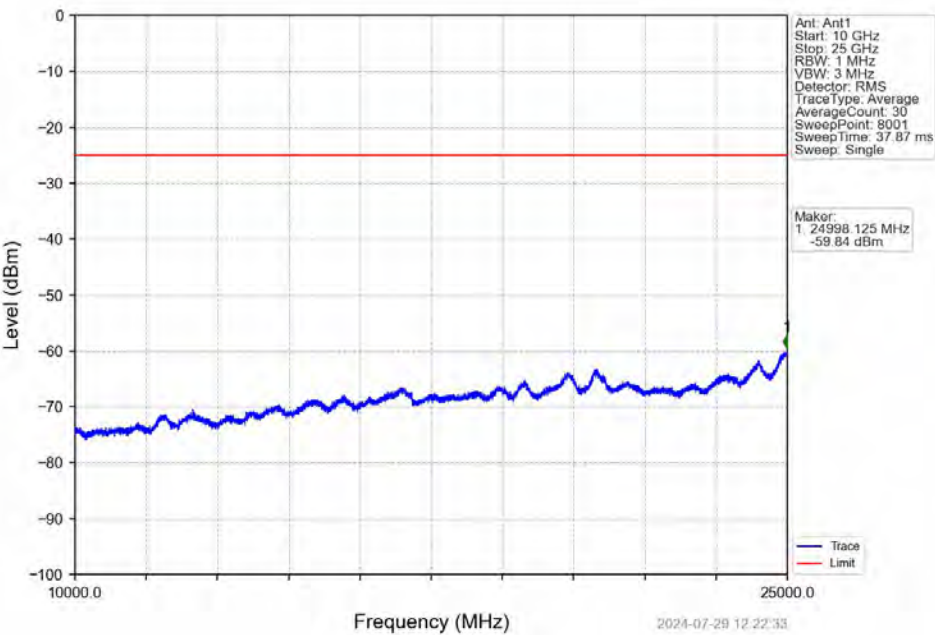
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



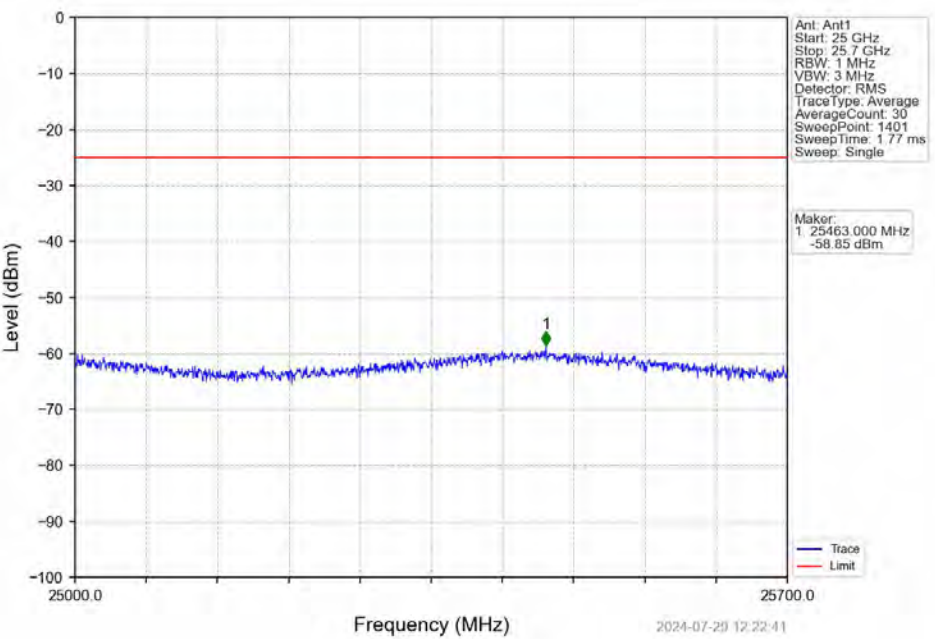
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



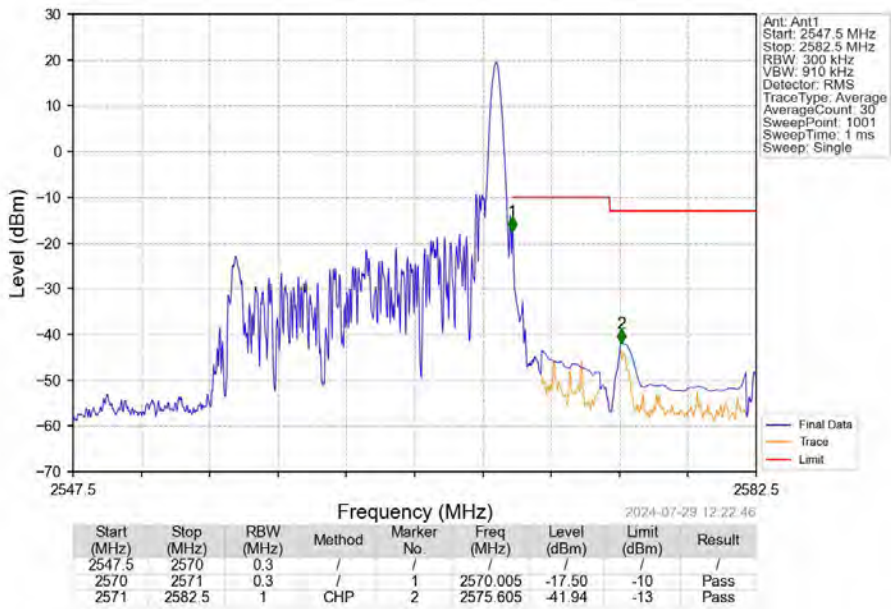
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



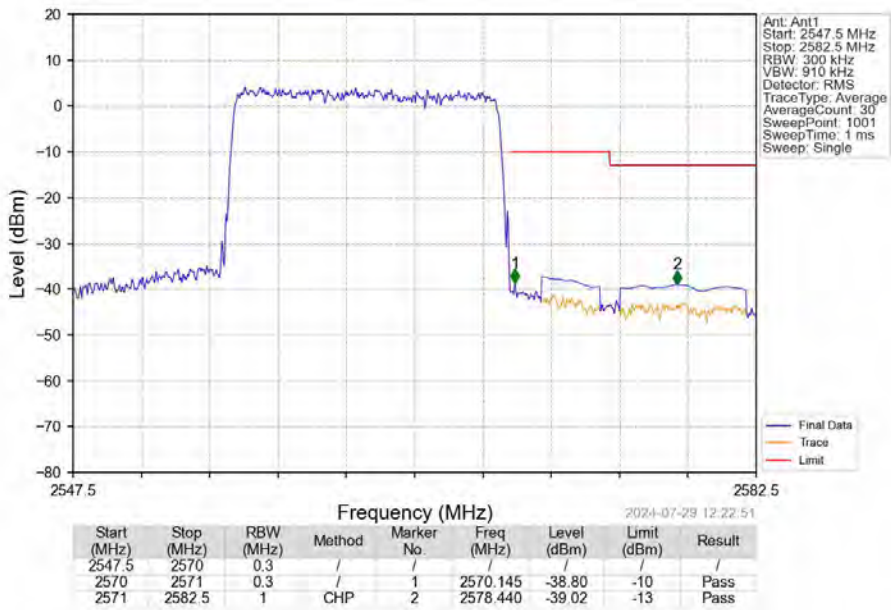
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



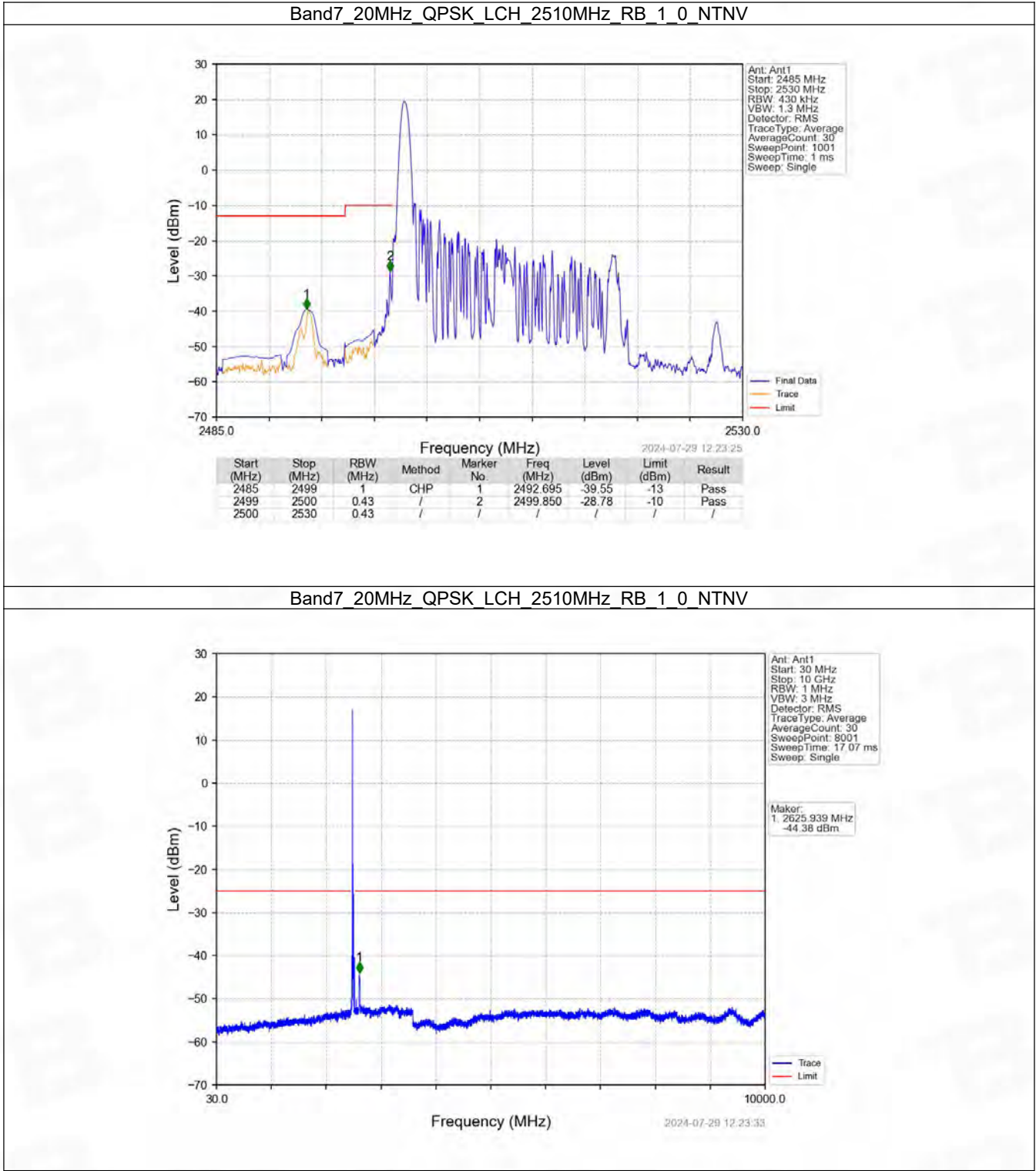
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_74_NTNV



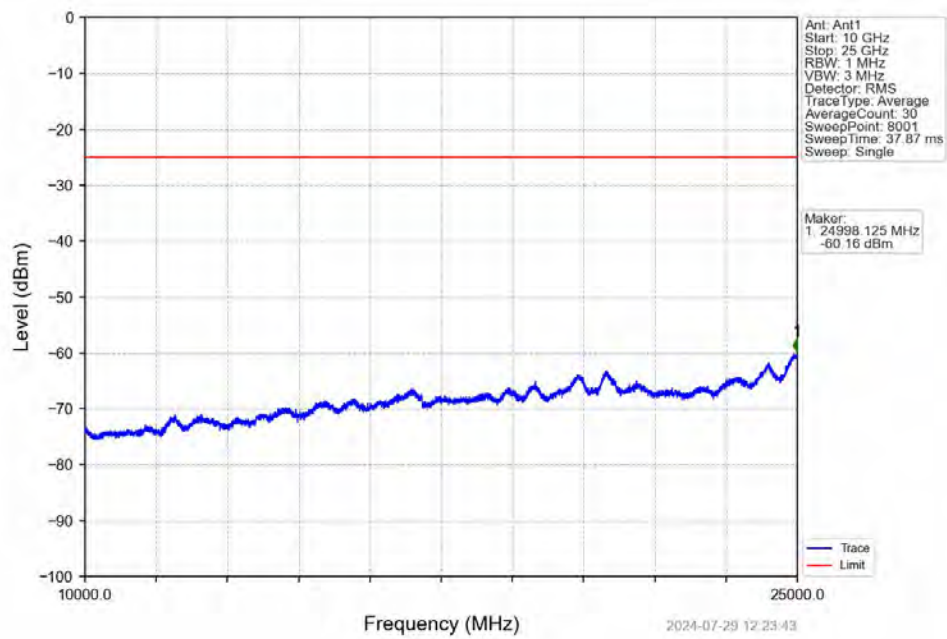
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



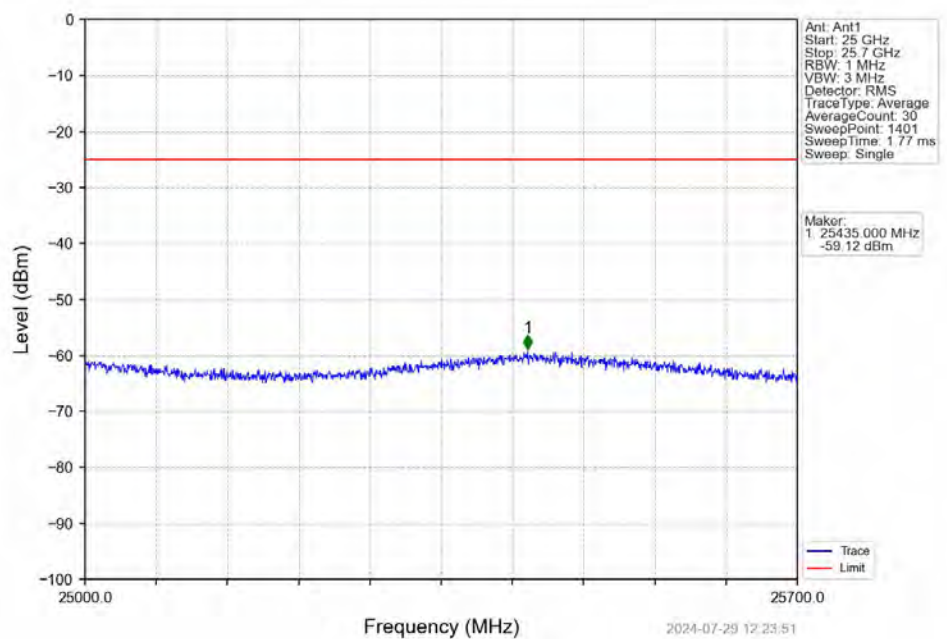
6.2.4 B7_20MHz



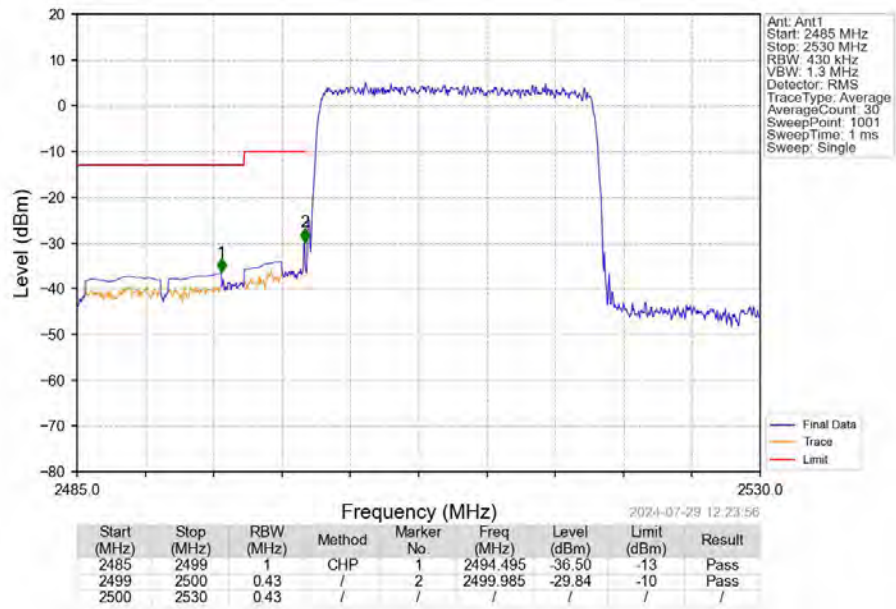
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



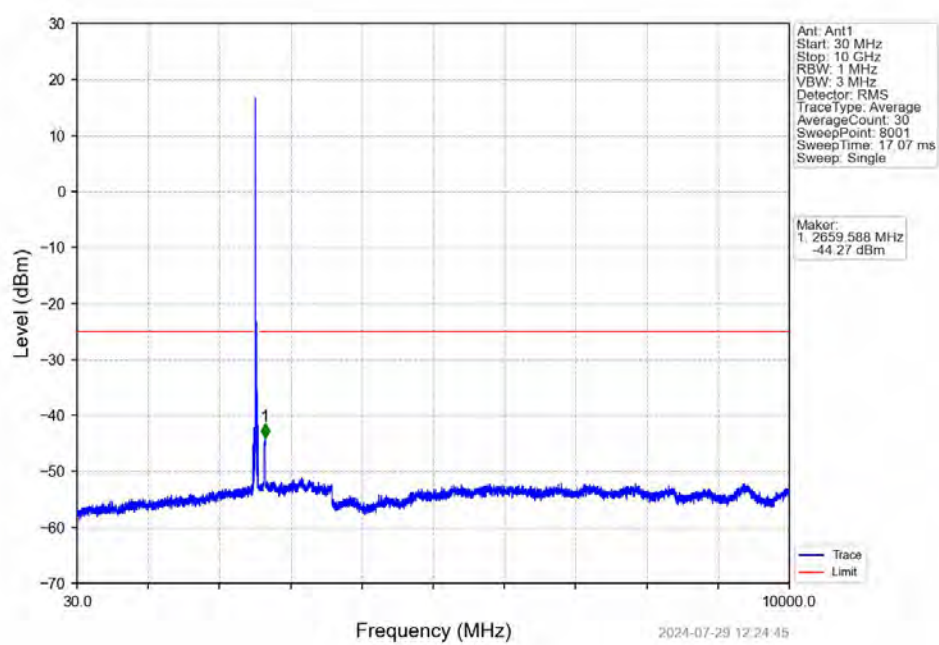
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



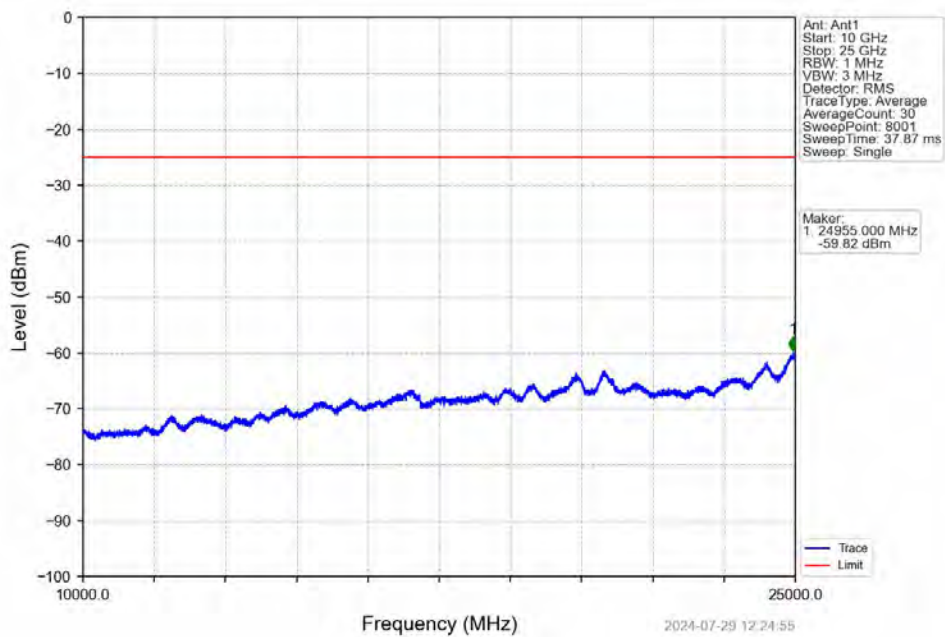
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



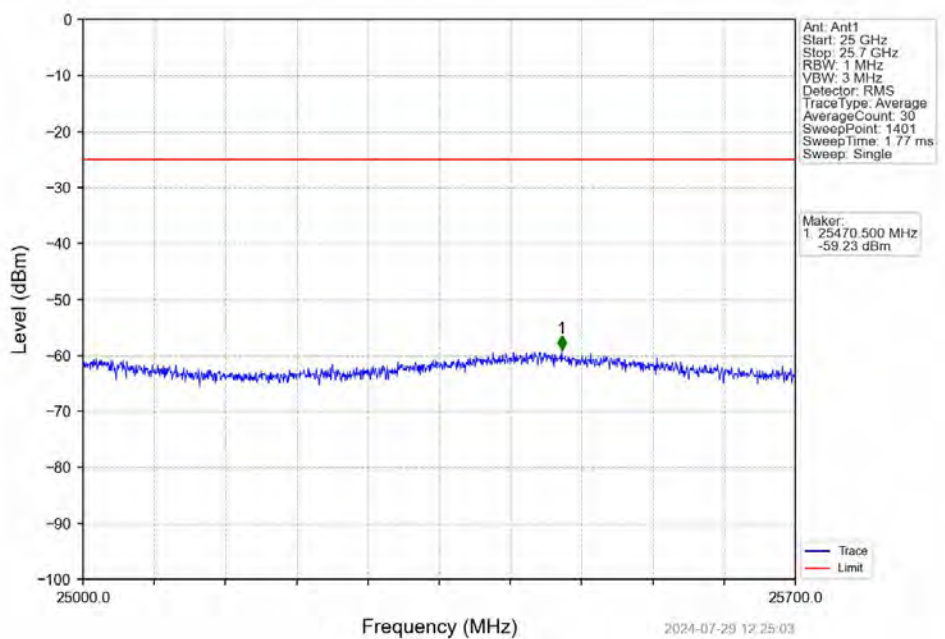
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



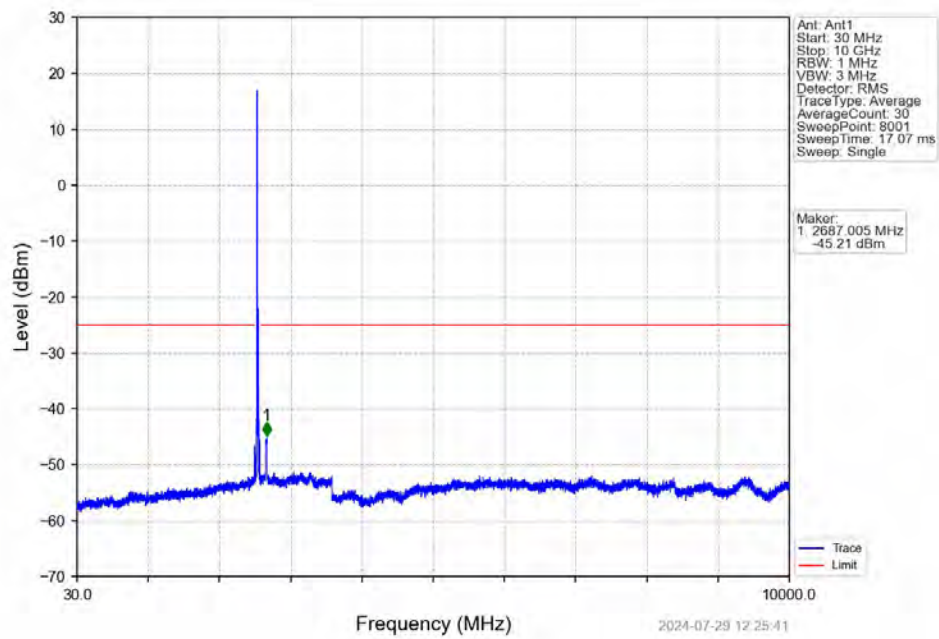
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



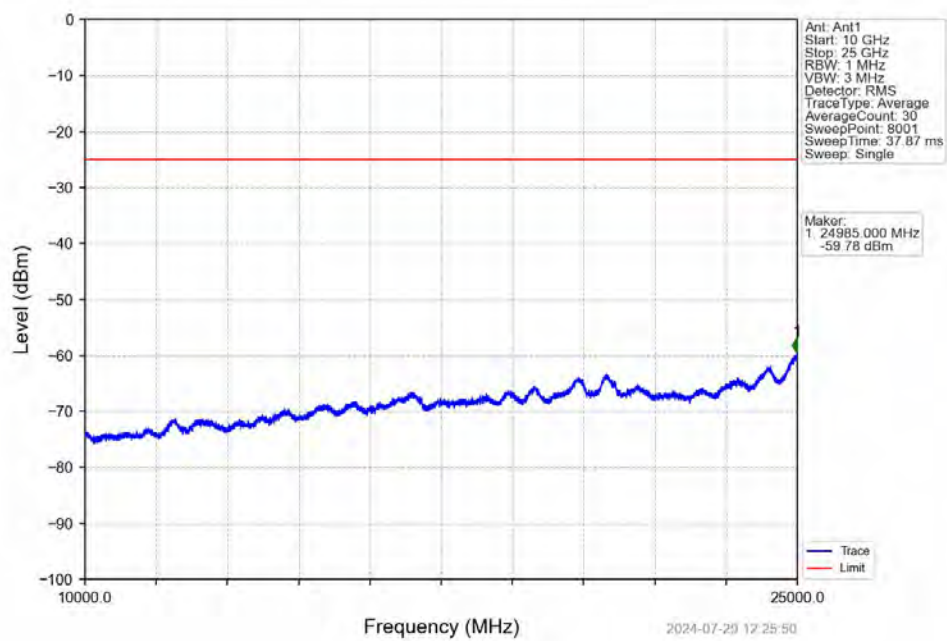
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



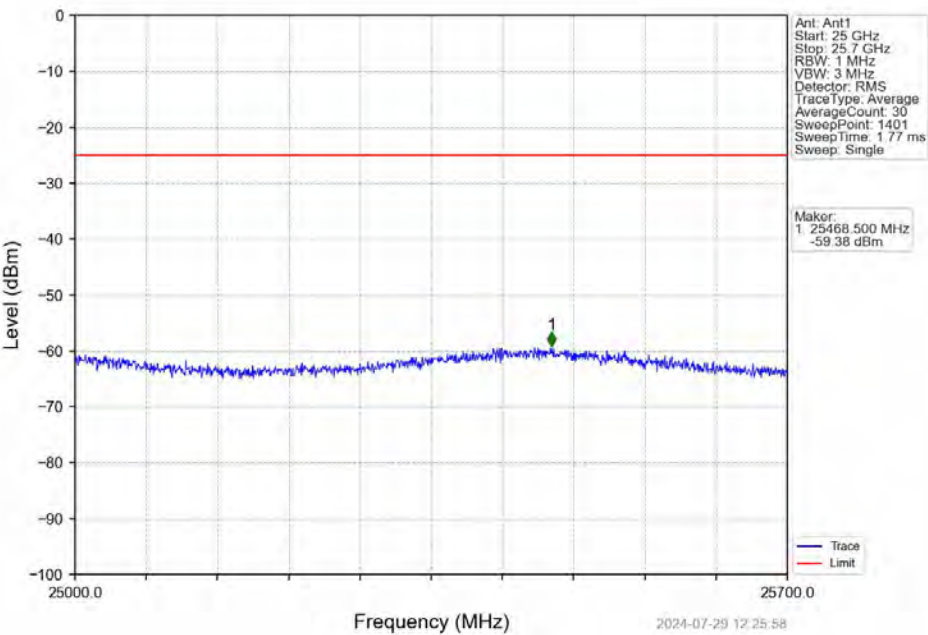
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



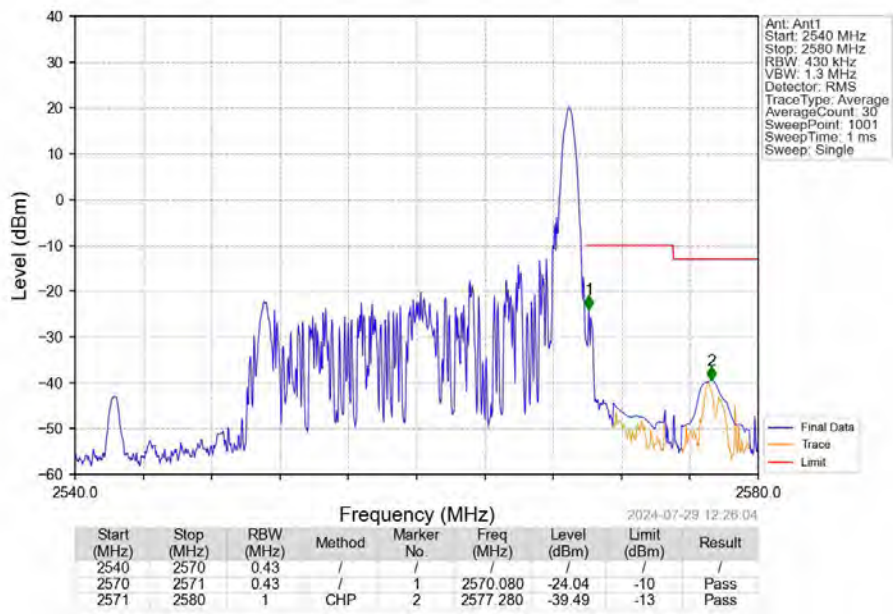
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



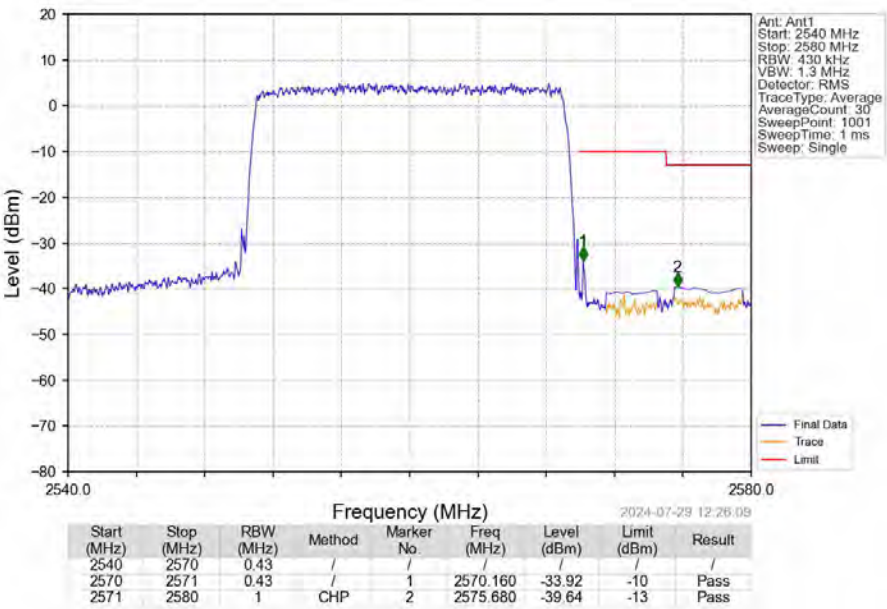
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



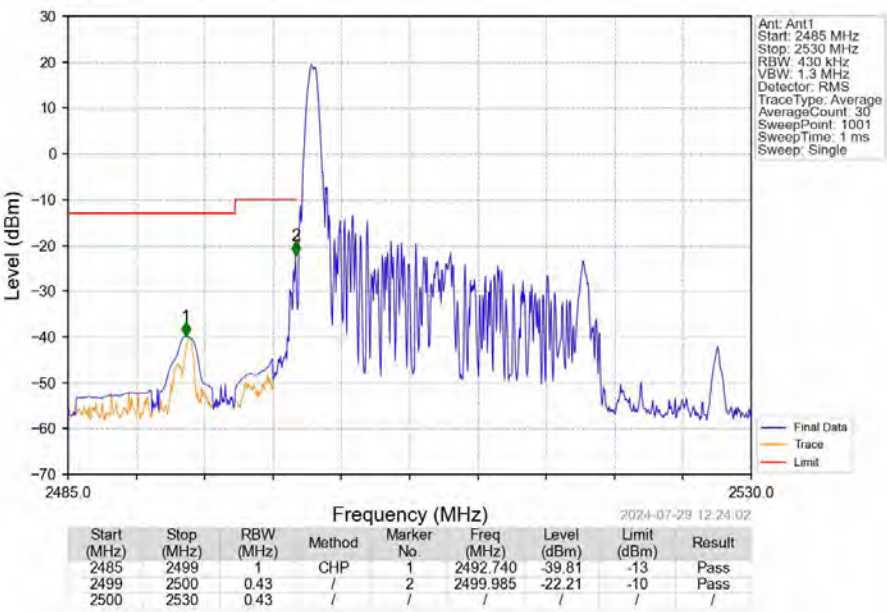
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



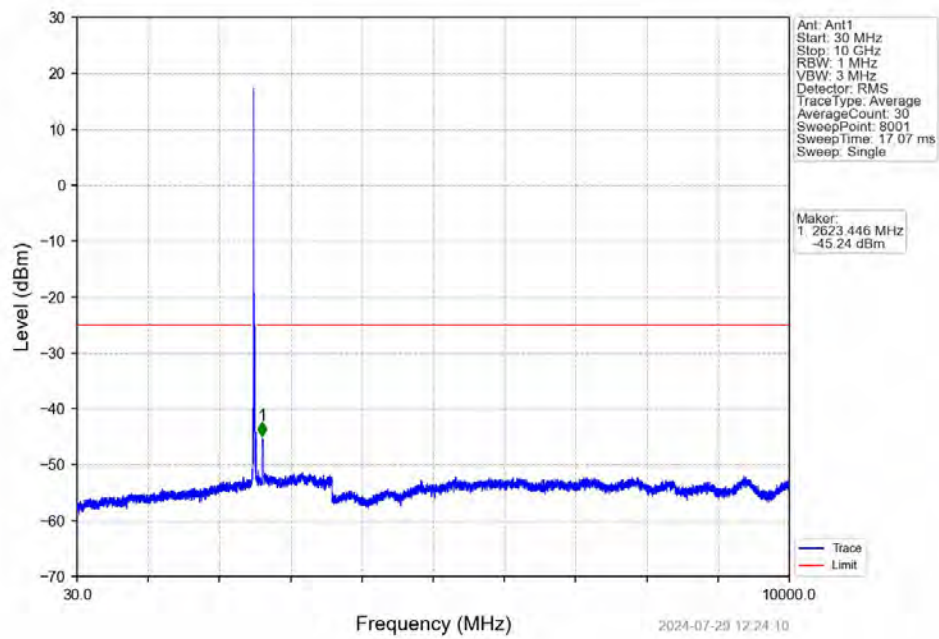
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



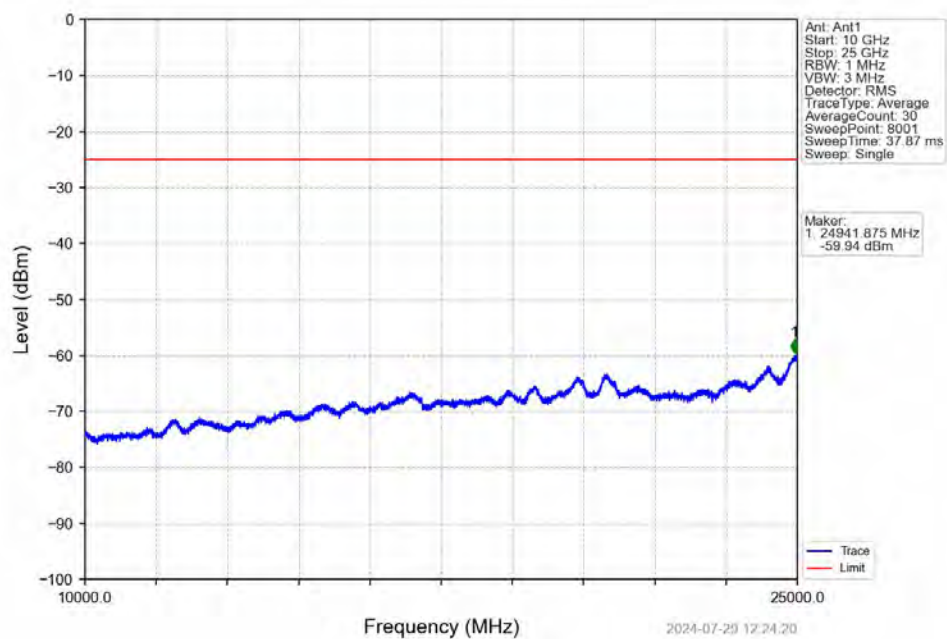
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



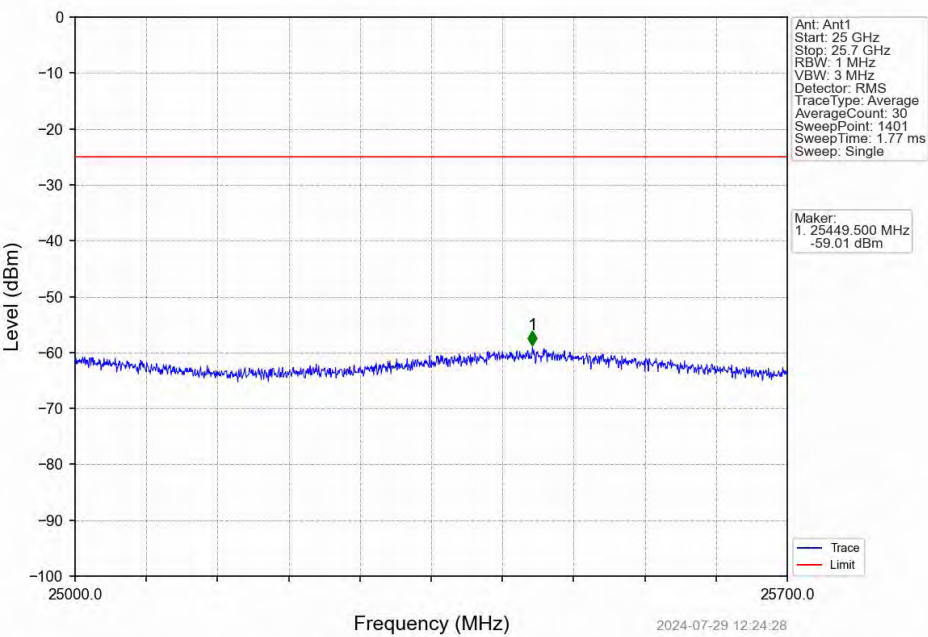
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



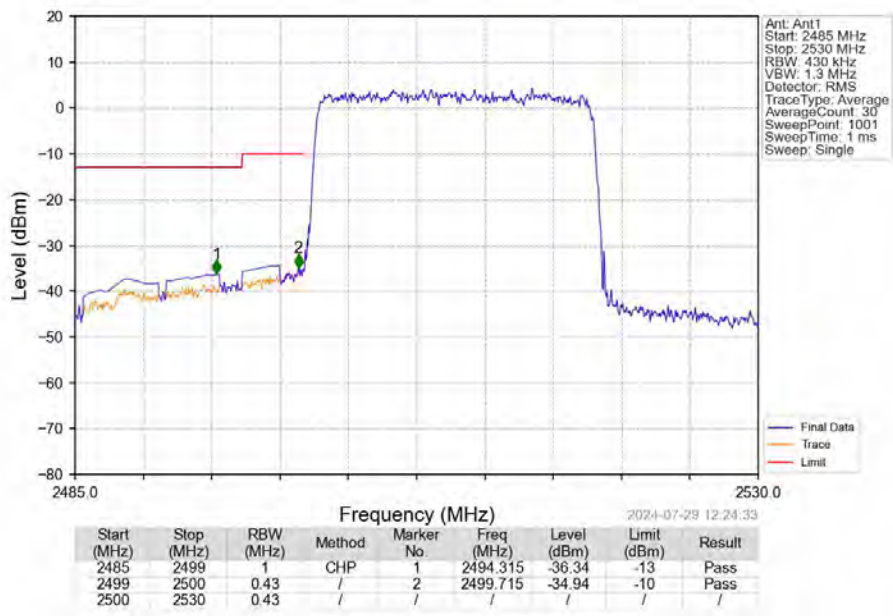
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



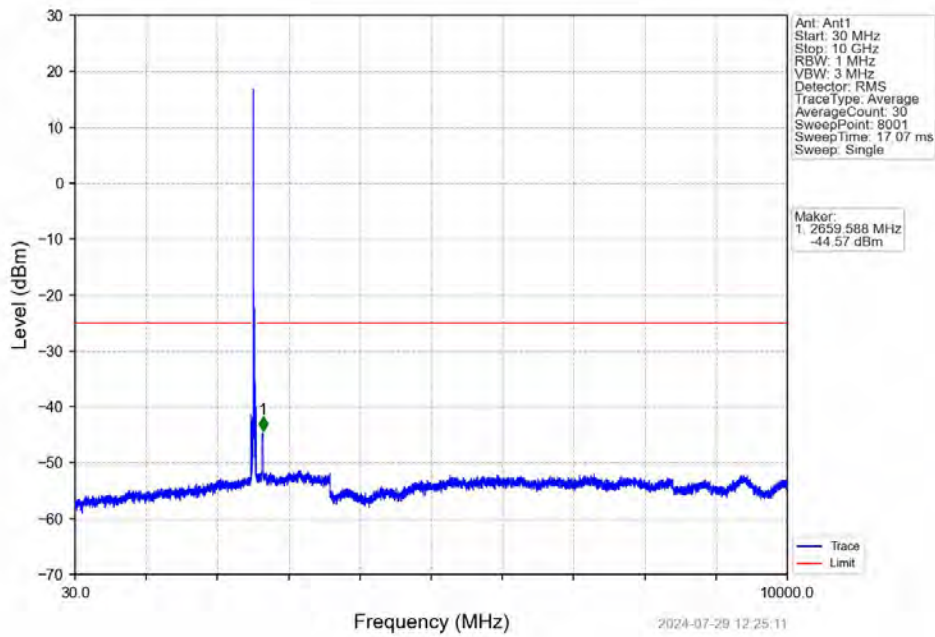
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



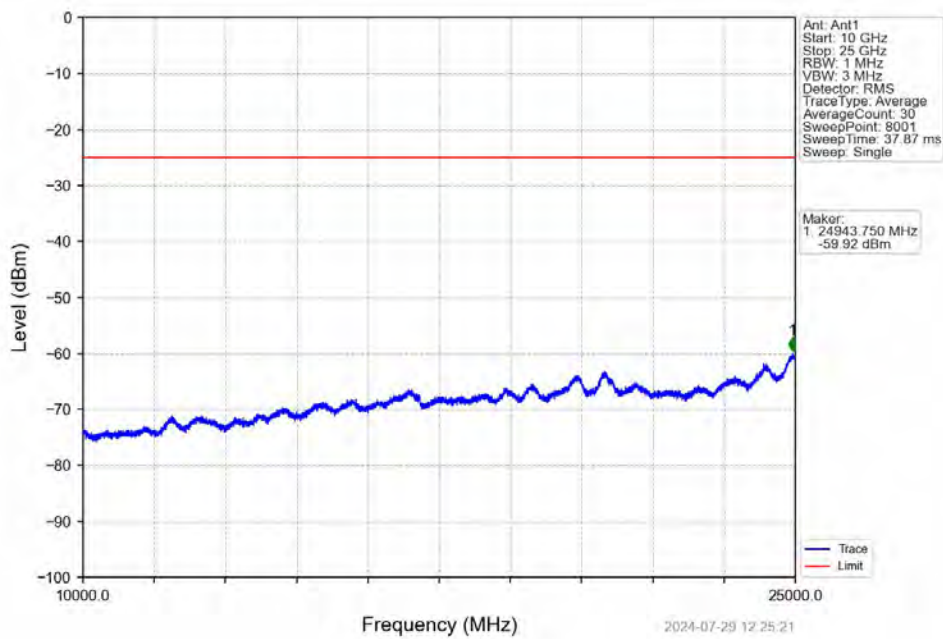
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



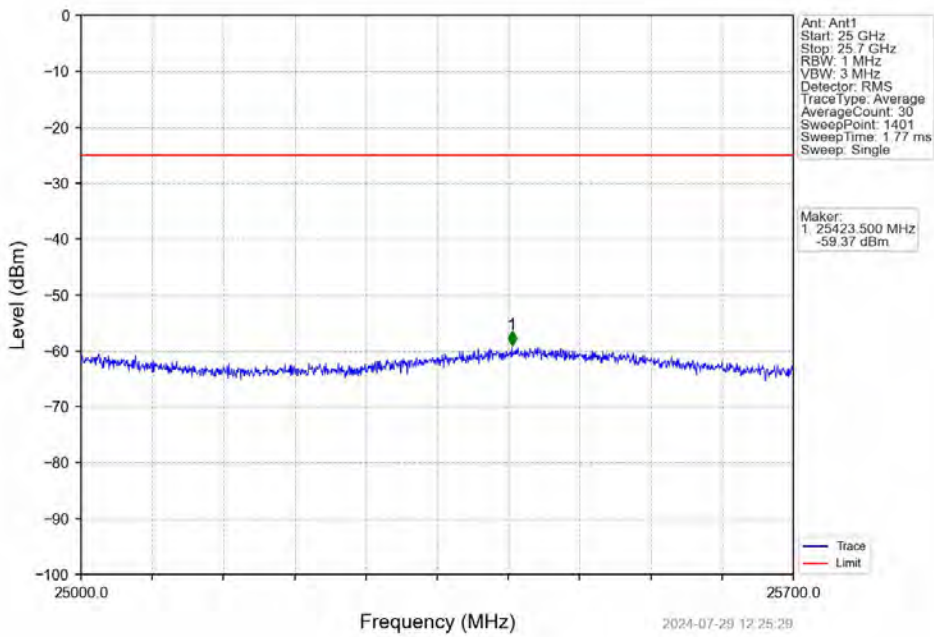
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



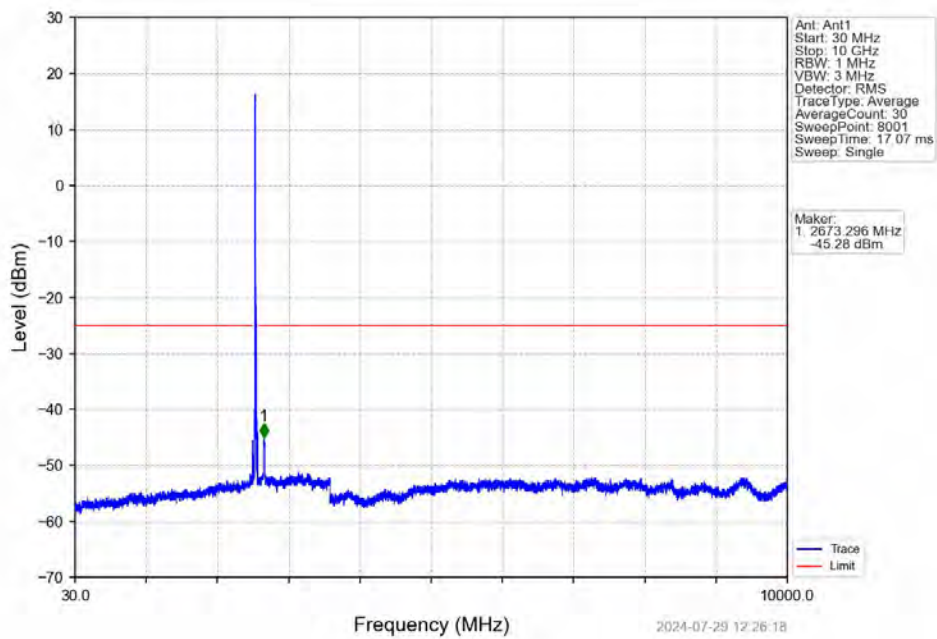
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



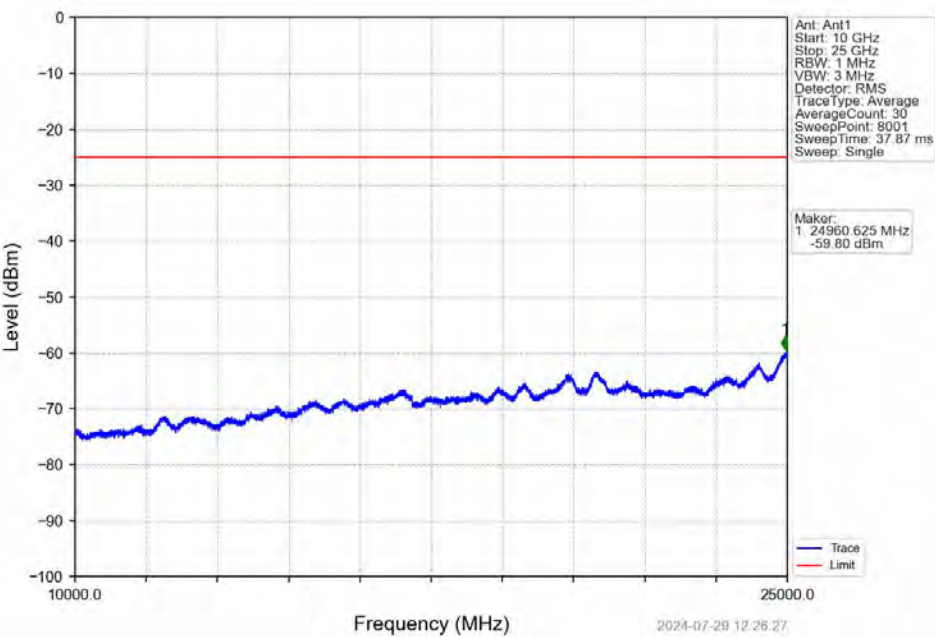
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



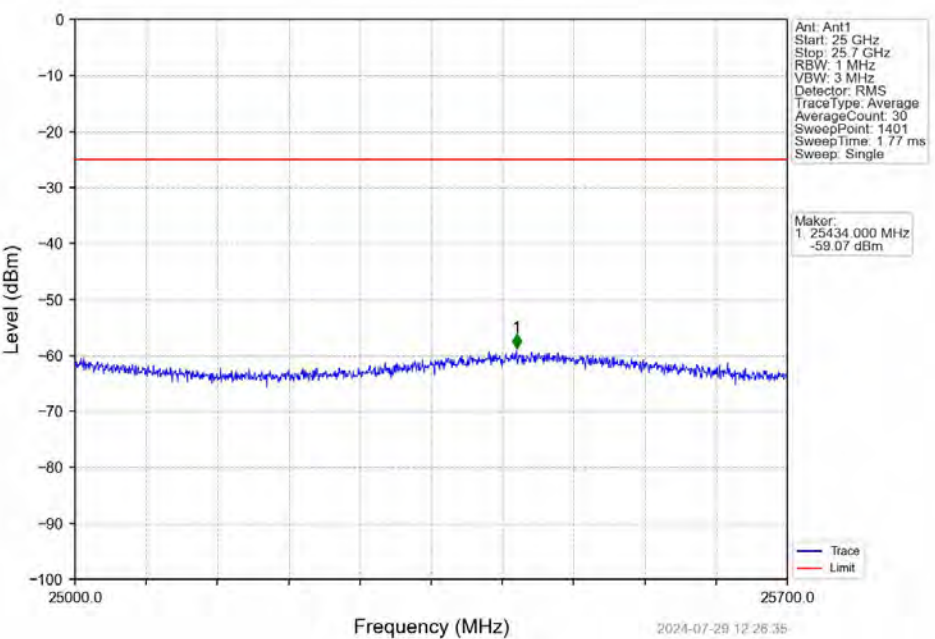
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



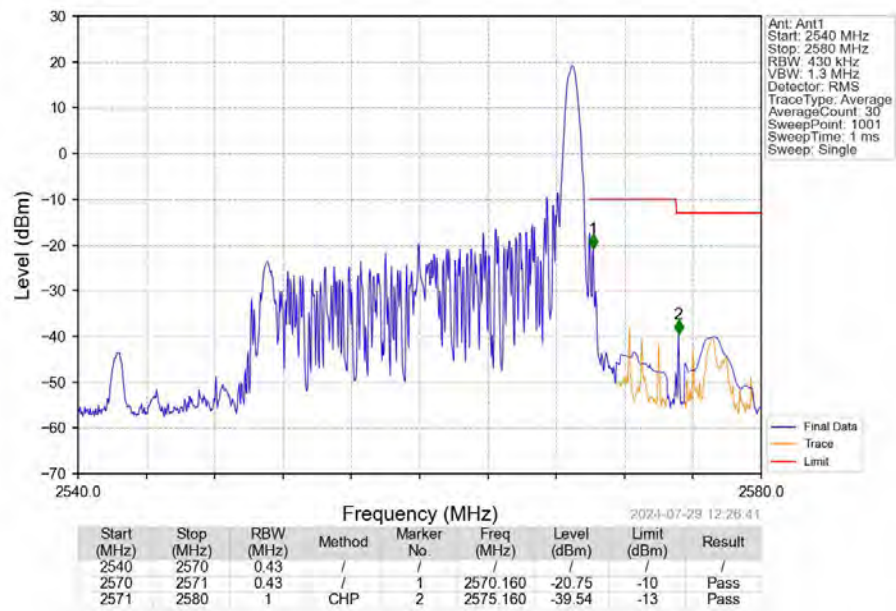
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



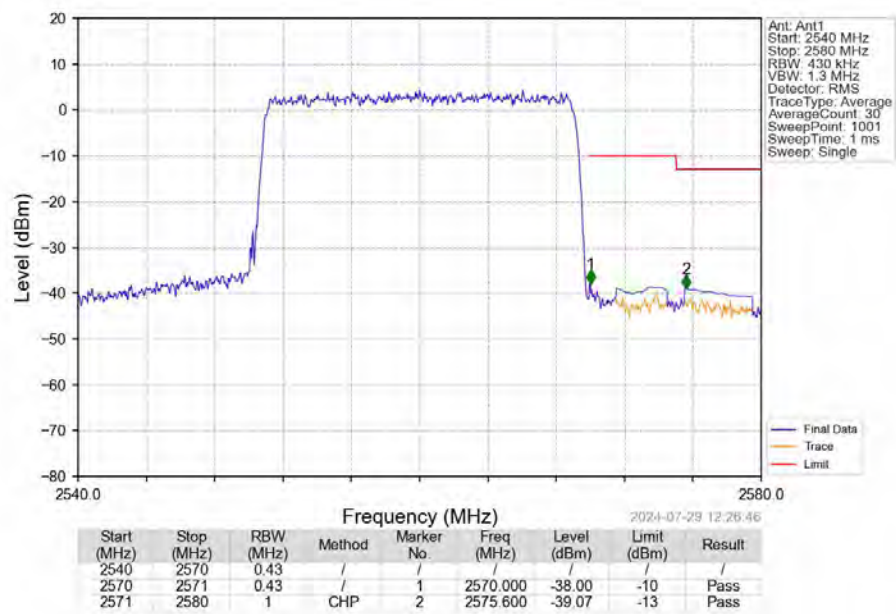
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
7	5	2502.5	2567.5	0.1236	0.0167	ppm	4M57G7D	27M	20.92
7	5	2502.5	2567.5	0.1117	0.0187	ppm	4M57W7D	27M	20.48
7	10	2505	2565	0.1230	0.0156	ppm	9M08G7D	27M	20.90
7	10	2505	2565	0.1135	0.0166	ppm	9M11W7D	27M	20.55
7	15	2507.5	2562.5	0.1202	0.0170	ppm	13M6G7D	27M	20.80
7	15	2507.5	2562.5	0.1180	0.0148	ppm	13M7W7D	27M	20.72
7	20	2510	2560	0.1262	0.0154	ppm	18M1G7D	27M	21.01
7	20	2510	2560	0.1306	0.0168	ppm	18M2W7D	27M	21.16

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
7	5	2502.5	2567.5	0.1862	0.0167	ppm	4M57G7D	27M	22.70
7	5	2502.5	2567.5	0.1683	0.0187	ppm	4M57W7D	27M	22.26
7	10	2505	2565	0.1854	0.0156	ppm	9M08G7D	27M	22.68
7	10	2505	2565	0.1710	0.0166	ppm	9M11W7D	27M	22.33
7	15	2507.5	2562.5	0.1811	0.0170	ppm	13M6G7D	27M	22.58
7	15	2507.5	2562.5	0.1778	0.0148	ppm	13M7W7D	27M	22.50
7	20	2510	2560	0.1901	0.0154	ppm	18M1G7D	27M	22.79
7	20	2510	2560	0.1968	0.0168	ppm	18M2W7D	27M	22.94