

1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP

1.1.1 Test Result

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	23.06	0.69	23.75	<=33.01	Pass
			13	23.24	0.69	23.93	<=33.01	Pass
			24	23.17	0.69	23.86	<=33.01	Pass
		12	0	22.16	0.69	22.85	<=33.01	Pass
			6	22.18	0.69	22.87	<=33.01	Pass
			13	22.12	0.69	22.81	<=33.01	Pass
		25	0	22.17	0.69	22.86	<=33.01	Pass
	2535	1	0	23.40	0.69	24.09	<=33.01	Pass
			13	23.41	0.69	24.10	<=33.01	Pass
			24	23.07	0.69	23.76	<=33.01	Pass
		12	0	22.05	0.69	22.74	<=33.01	Pass
			6	22.01	0.69	22.70	<=33.01	Pass
			13	21.97	0.69	22.66	<=33.01	Pass
		25	0	21.97	0.69	22.66	<=33.01	Pass
	2567.5	1	0	23.11	0.69	23.80	<=33.01	Pass
			13	23.30	0.69	23.99	<=33.01	Pass
			24	23.17	0.69	23.86	<=33.01	Pass
		12	0	22.12	0.69	22.81	<=33.01	Pass
			6	22.19	0.69	22.88	<=33.01	Pass
			13	22.15	0.69	22.84	<=33.01	Pass
		25	0	22.09	0.69	22.78	<=33.01	Pass
16QAM	2502.5	1	0	22.30	0.69	22.99	<=33.01	Pass
			13	22.47	0.69	23.16	<=33.01	Pass
			24	22.41	0.69	23.10	<=33.01	Pass
		12	0	21.22	0.69	21.91	<=33.01	Pass
			6	21.26	0.69	21.95	<=33.01	Pass
			13	21.17	0.69	21.86	<=33.01	Pass
		25	0	21.21	0.69	21.90	<=33.01	Pass
	2535	1	0	21.73	0.69	22.42	<=33.01	Pass
			13	21.87	0.69	22.56	<=33.01	Pass
			24	21.82	0.69	22.51	<=33.01	Pass
		12	0	21.03	0.69	21.72	<=33.01	Pass
			6	21.03	0.69	21.72	<=33.01	Pass
			13	20.98	0.69	21.67	<=33.01	Pass
		25	0	21.05	0.69	21.74	<=33.01	Pass
	2567.5	1	0	22.15	0.69	22.84	<=33.01	Pass
			13	22.25	0.69	22.94	<=33.01	Pass
			24	22.13	0.69	22.82	<=33.01	Pass
		12	0	21.10	0.69	21.79	<=33.01	Pass
			6	21.18	0.69	21.87	<=33.01	Pass
			13	21.13	0.69	21.82	<=33.01	Pass
		25	0	21.18	0.69	21.87	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B7_10MHz_EIRP

1.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	22.69	0.69	23.38	<=33.01	Pass
			25	22.85	0.69	23.54	<=33.01	Pass
			49	22.88	0.69	23.57	<=33.01	Pass
		25	0	21.79	0.69	22.48	<=33.01	Pass
			13	21.79	0.69	22.48	<=33.01	Pass
			25	21.81	0.69	22.50	<=33.01	Pass
		50	0	21.79	0.69	22.48	<=33.01	Pass
	2535	1	0	22.94	0.69	23.63	<=33.01	Pass
			25	23.01	0.69	23.70	<=33.01	Pass
			49	23.06	0.69	23.75	<=33.01	Pass
		25	0	22.02	0.69	22.71	<=33.01	Pass
			13	21.99	0.69	22.68	<=33.01	Pass
			25	21.94	0.69	22.63	<=33.01	Pass
		50	0	22.00	0.69	22.69	<=33.01	Pass
	2565	1	0	23.20	0.69	23.89	<=33.01	Pass
			25	23.26	0.69	23.95	<=33.01	Pass
			49	23.32	0.69	24.01	<=33.01	Pass
		25	0	22.11	0.69	22.80	<=33.01	Pass
			13	22.19	0.69	22.88	<=33.01	Pass
			25	22.16	0.69	22.85	<=33.01	Pass
		50	0	22.14	0.69	22.83	<=33.01	Pass
16QAM	2505	1	0	21.71	0.69	22.40	<=33.01	Pass
			25	21.83	0.69	22.52	<=33.01	Pass
			49	21.83	0.69	22.52	<=33.01	Pass
		25	0	20.85	0.69	21.54	<=33.01	Pass
			13	20.90	0.69	21.59	<=33.01	Pass
			25	20.89	0.69	21.58	<=33.01	Pass
		50	0	20.79	0.69	21.48	<=33.01	Pass
	2535	1	0	22.09	0.69	22.78	<=33.01	Pass
			25	22.18	0.69	22.87	<=33.01	Pass
			49	22.21	0.69	22.90	<=33.01	Pass
		25	0	21.09	0.69	21.78	<=33.01	Pass
			13	21.08	0.69	21.77	<=33.01	Pass
			25	21.00	0.69	21.69	<=33.01	Pass
		50	0	21.03	0.69	21.72	<=33.01	Pass
	2565	1	0	22.56	0.69	23.25	<=33.01	Pass
			25	22.61	0.69	23.30	<=33.01	Pass
			49	22.55	0.69	23.24	<=33.01	Pass
		25	0	21.20	0.69	21.89	<=33.01	Pass
			13	21.28	0.69	21.97	<=33.01	Pass
			25	21.25	0.69	21.94	<=33.01	Pass
		50	0	21.14	0.69	21.83	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B7_15MHz_EIRP

1.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTN						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

Note1: EIRP=Conducted Power+Antenna Gain

1.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	22.46	0.69	23.15	<=33.01	Pass
			50	22.85	0.69	23.54	<=33.01	Pass
			99	22.85	0.69	23.54	<=33.01	Pass
		50	0	21.67	0.69	22.36	<=33.01	Pass

16QAM	2535	100	25	21.82	0.69	22.51	<=33.01	Pass
			50	21.92	0.69	22.61	<=33.01	Pass
			0	21.82	0.69	22.51	<=33.01	Pass
		1	0	22.75	0.69	23.44	<=33.01	Pass
			50	23.01	0.69	23.70	<=33.01	Pass
			99	22.99	0.69	23.68	<=33.01	Pass
		50	0	21.94	0.69	22.63	<=33.01	Pass
			25	22.04	0.69	22.73	<=33.01	Pass
			50	21.84	0.69	22.53	<=33.01	Pass
		100	0	21.95	0.69	22.64	<=33.01	Pass
	2560	1	0	22.89	0.69	23.58	<=33.01	Pass
			50	23.22	0.69	23.91	<=33.01	Pass
			99	23.16	0.69	23.85	<=33.01	Pass
		50	0	22.01	0.69	22.70	<=33.01	Pass
			25	22.20	0.69	22.89	<=33.01	Pass
			50	22.16	0.69	22.85	<=33.01	Pass
		100	0	22.10	0.69	22.79	<=33.01	Pass
	2510	1	0	21.72	0.69	22.41	<=33.01	Pass
			50	22.08	0.69	22.77	<=33.01	Pass
			99	22.03	0.69	22.72	<=33.01	Pass
		50	0	20.71	0.69	21.40	<=33.01	Pass
			25	20.86	0.69	21.55	<=33.01	Pass
			50	20.95	0.69	21.64	<=33.01	Pass
		100	0	20.85	0.69	21.54	<=33.01	Pass
	2535	1	0	22.21	0.69	22.90	<=33.01	Pass
			50	22.51	0.69	23.20	<=33.01	Pass
			99	22.47	0.69	23.16	<=33.01	Pass
		50	0	20.96	0.69	21.65	<=33.01	Pass
			25	21.09	0.69	21.78	<=33.01	Pass
			50	20.90	0.69	21.59	<=33.01	Pass
		100	0	20.95	0.69	21.64	<=33.01	Pass
	2560	1	0	22.09	0.69	22.78	<=33.01	Pass
			50	22.33	0.69	23.02	<=33.01	Pass
			99	22.12	0.69	22.81	<=33.01	Pass
		50	0	21.04	0.69	21.73	<=33.01	Pass
			25	21.21	0.69	21.90	<=33.01	Pass
			50	21.18	0.69	21.87	<=33.01	Pass
		100	0	21.11	0.69	21.80	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B7_5MHz

2.1.1 Test Result

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.27	-20.957	-0.0084	-2.5 to 2.5	Pass
					3.85	-34.261	-0.0137	-2.5 to 2.5	Pass
					4.43	-34.132	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-28.024	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-24.819	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-25.692	-0.0103	-2.5 to 2.5	Pass

				0	3.85	-20.256	-0.0081	-2.5 to 2.5	Pass	
				10	3.85	-42.658	-0.0170	-2.5 to 2.5	Pass	
				30	3.85	-26.579	-0.0106	-2.5 to 2.5	Pass	
				40	3.85	-33.159	-0.0133	-2.5 to 2.5	Pass	
				50	3.85	-36.507	-0.0146	-2.5 to 2.5	Pass	
	2535	25	0	20	3.27	-7.710	-0.0030	-2.5 to 2.5	Pass	
					3.85	-24.619	-0.0097	-2.5 to 2.5	Pass	
					4.43	-5.436	-0.0021	-2.5 to 2.5	Pass	
				-30	3.85	-34.103	-0.0135	-2.5 to 2.5	Pass	
				-20	3.85	-28.195	-0.0111	-2.5 to 2.5	Pass	
				-10	3.85	-20.657	-0.0081	-2.5 to 2.5	Pass	
				0	3.85	-19.612	-0.0077	-2.5 to 2.5	Pass	
				10	3.85	-34.232	-0.0135	-2.5 to 2.5	Pass	
				30	3.85	-10.085	-0.0040	-2.5 to 2.5	Pass	
				40	3.85	-24.190	-0.0095	-2.5 to 2.5	Pass	
	50	3.85	-23.532	-0.0093	-2.5 to 2.5	Pass				
	2567.5	25	0	20	3.27	12.460	0.0049	-2.5 to 2.5	Pass	
					3.85	-29.340	-0.0114	-2.5 to 2.5	Pass	
					4.43	-29.097	-0.0113	-2.5 to 2.5	Pass	
				-30	3.85	-21.687	-0.0084	-2.5 to 2.5	Pass	
				-20	3.85	-8.025	-0.0031	-2.5 to 2.5	Pass	
				-10	3.85	-30.084	-0.0117	-2.5 to 2.5	Pass	
				0	3.85	-2.432	-0.0009	-2.5 to 2.5	Pass	
				10	3.85	-41.170	-0.0160	-2.5 to 2.5	Pass	
				30	3.85	17.939	0.0070	-2.5 to 2.5	Pass	
				40	3.85	-19.598	-0.0076	-2.5 to 2.5	Pass	
	50	3.85	-30.112	-0.0117	-2.5 to 2.5	Pass				
	16QAM	2502.5	25	0	20	3.27	-34.704	-0.0139	-2.5 to 2.5	Pass
						3.85	-10.614	-0.0042	-2.5 to 2.5	Pass
						4.43	-8.669	-0.0035	-2.5 to 2.5	Pass
-30					3.85	-35.319	-0.0141	-2.5 to 2.5	Pass	
-20					3.85	-17.395	-0.0070	-2.5 to 2.5	Pass	
-10					3.85	-27.838	-0.0111	-2.5 to 2.5	Pass	
0					3.85	-25.320	-0.0101	-2.5 to 2.5	Pass	
10					3.85	-3.662	-0.0015	-2.5 to 2.5	Pass	
30					3.85	-37.551	-0.0150	-2.5 to 2.5	Pass	
40					3.85	-19.112	-0.0076	-2.5 to 2.5	Pass	
50		3.85	-1.616	-0.0006	-2.5 to 2.5	Pass				
2535		25	0	20	3.27	-36.464	-0.0144	-2.5 to 2.5	Pass	
					3.85	-45.233	-0.0178	-2.5 to 2.5	Pass	
					4.43	-21.815	-0.0086	-2.5 to 2.5	Pass	
				-30	3.85	-27.609	-0.0109	-2.5 to 2.5	Pass	
				-20	3.85	-36.306	-0.0143	-2.5 to 2.5	Pass	
				-10	3.85	4.549	0.0018	-2.5 to 2.5	Pass	
				0	3.85	-44.961	-0.0177	-2.5 to 2.5	Pass	
				10	3.85	-29.082	-0.0115	-2.5 to 2.5	Pass	
				30	3.85	-36.578	-0.0144	-2.5 to 2.5	Pass	
				40	3.85	-39.926	-0.0157	-2.5 to 2.5	Pass	
50		3.85	-45.533	-0.0180	-2.5 to 2.5	Pass				
2567.5		25	0	20	3.27	-20.156	-0.0079	-2.5 to 2.5	Pass	
					3.85	-36.564	-0.0142	-2.5 to 2.5	Pass	
					4.43	-18.196	-0.0071	-2.5 to 2.5	Pass	
				-30	3.85	-35.534	-0.0138	-2.5 to 2.5	Pass	
				-20	3.85	4.821	0.0019	-2.5 to 2.5	Pass	
				-10	3.85	-10.886	-0.0042	-2.5 to 2.5	Pass	
				0	3.85	-30.227	-0.0118	-2.5 to 2.5	Pass	
				10	3.85	-11.530	-0.0045	-2.5 to 2.5	Pass	
	30			3.85	-29.240	-0.0114	-2.5 to 2.5	Pass		

				40	3.85	-8.683	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-9.685	-0.0038	-2.5 to 2.5	Pass

2.2 B7_10MHz

2.2.1 Test Result

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.27	12.989	0.0052	-2.5 to 2.5	Pass
					3.85	-17.309	-0.0069	-2.5 to 2.5	Pass
					4.43	-34.018	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-19.712	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	5.965	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-16.909	-0.0068	-2.5 to 2.5	Pass
				0	3.85	1.974	0.0008	-2.5 to 2.5	Pass
				10	3.85	-35.849	-0.0143	-2.5 to 2.5	Pass
				30	3.85	-8.526	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-16.637	-0.0066	-2.5 to 2.5	Pass
				50	3.85	-29.168	-0.0116	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	6.065	0.0024	-2.5 to 2.5	Pass
					3.85	12.817	0.0051	-2.5 to 2.5	Pass
					4.43	-8.497	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-24.233	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-37.866	-0.0149	-2.5 to 2.5	Pass
				-10	3.85	-10.829	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-32.272	-0.0127	-2.5 to 2.5	Pass
				10	3.85	-45.233	-0.0178	-2.5 to 2.5	Pass
				30	3.85	-22.974	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-38.710	-0.0153	-2.5 to 2.5	Pass
				50	3.85	6.609	0.0026	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	23.518	0.0092	-2.5 to 2.5	Pass
					3.85	-17.037	-0.0066	-2.5 to 2.5	Pass
					4.43	-27.623	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	8.225	0.0032	-2.5 to 2.5	Pass
				-20	3.85	-8.554	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-20.556	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-2.975	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-33.703	-0.0131	-2.5 to 2.5	Pass
				30	3.85	11.616	0.0045	-2.5 to 2.5	Pass
				40	3.85	-21.744	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-18.239	-0.0071	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-6.738	-0.0027	-2.5 to 2.5	Pass
					3.85	-21.300	-0.0085	-2.5 to 2.5	Pass
					4.43	-38.881	-0.0155	-2.5 to 2.5	Pass
				-30	3.85	-21.329	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-15.292	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-32.830	-0.0131	-2.5 to 2.5	Pass
				0	3.85	-17.695	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-35.019	-0.0140	-2.5 to 2.5	Pass
				30	3.85	9.584	0.0038	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-31.528	-0.0126	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	-9.570	-0.0038	-2.5 to 2.5	Pass
					3.85	-2.818	-0.0011	-2.5 to 2.5	Pass

					4.43	-1.659	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.732	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.286	0.0001	-2.5 to 2.5	Pass
				0	3.85	-3.819	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-9.084	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-11.330	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-14.563	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-17.195	-0.0068	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	6.738	0.0026	-2.5 to 2.5	Pass
					3.85	-9.885	-0.0039	-2.5 to 2.5	Pass
					4.43	-13.604	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-22.759	-0.0089	-2.5 to 2.5	Pass
				-20	3.85	-30.599	-0.0119	-2.5 to 2.5	Pass
				-10	3.85	5.622	0.0022	-2.5 to 2.5	Pass
				0	3.85	-9.255	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-17.552	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-32.272	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-14.634	-0.0057	-2.5 to 2.5	Pass
				50	3.85	-24.848	-0.0097	-2.5 to 2.5	Pass

2.3 B7_15MHz

2.3.1 Test Result

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.27	46.234	0.0184	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0001	-2.5 to 2.5	Pass
					4.43	-16.351	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-21.601	-0.0086	-2.5 to 2.5	Pass
				-20	3.85	-44.746	-0.0178	-2.5 to 2.5	Pass
				-10	3.85	-31.872	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-33.402	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-20.785	-0.0083	-2.5 to 2.5	Pass
				30	3.85	1.316	0.0005	-2.5 to 2.5	Pass
				40	3.85	-33.603	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-26.107	-0.0104	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	31.157	0.0123	-2.5 to 2.5	Pass
					3.85	22.917	0.0090	-2.5 to 2.5	Pass
					4.43	13.890	0.0055	-2.5 to 2.5	Pass
				-30	3.85	8.912	0.0035	-2.5 to 2.5	Pass
				-20	3.85	7.710	0.0030	-2.5 to 2.5	Pass
				-10	3.85	2.046	0.0008	-2.5 to 2.5	Pass
				0	3.85	-6.251	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-8.554	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-14.091	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-24.004	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-32.229	-0.0127	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	43.373	0.0169	-2.5 to 2.5	Pass
					3.85	0.830	0.0003	-2.5 to 2.5	Pass
					4.43	-9.942	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-29.097	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-14.033	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0020	-2.5 to 2.5	Pass

16QAM				0	3.85	-40.026	-0.0156	-2.5 to 2.5	Pass
				10	3.85	-16.193	-0.0063	-2.5 to 2.5	Pass
				30	3.85	-38.309	-0.0149	-2.5 to 2.5	Pass
				40	3.85	-34.246	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-1.144	-0.0004	-2.5 to 2.5	Pass
	2507.5	75	0	20	3.27	-0.873	-0.0003	-2.5 to 2.5	Pass
					3.85	-14.892	-0.0059	-2.5 to 2.5	Pass
					4.43	-20.056	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-26.808	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-35.362	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-44.518	-0.0178	-2.5 to 2.5	Pass
				0	3.85	-17.881	-0.0071	-2.5 to 2.5	Pass
				10	3.85	-27.623	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-36.707	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-46.477	-0.0185	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-35.563	-0.0140	-2.5 to 2.5	Pass
					3.85	-26.793	-0.0106	-2.5 to 2.5	Pass
					4.43	-16.479	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-12.002	-0.0047	-2.5 to 2.5	Pass
				-20	3.85	-2.503	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	1.345	0.0005	-2.5 to 2.5	Pass
				0	3.85	3.262	0.0013	-2.5 to 2.5	Pass
				10	3.85	4.864	0.0019	-2.5 to 2.5	Pass
				30	3.85	8.082	0.0032	-2.5 to 2.5	Pass
				40	3.85	9.198	0.0036	-2.5 to 2.5	Pass
				50	3.85	12.374	0.0049	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-25.392	-0.0099	-2.5 to 2.5	Pass
					3.85	-32.215	-0.0126	-2.5 to 2.5	Pass
					4.43	-34.747	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-35.977	-0.0140	-2.5 to 2.5	Pass
				-20	3.85	-40.841	-0.0159	-2.5 to 2.5	Pass
				-10	3.85	-14.591	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-23.603	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-32.258	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-37.351	-0.0146	-2.5 to 2.5	Pass
				40	3.85	14.162	0.0055	-2.5 to 2.5	Pass
				50	3.85	3.133	0.0012	-2.5 to 2.5	Pass

2.4 B7_20MHz

2.4.1 Test Result

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.27	18.253	0.0073	-2.5 to 2.5	Pass
					3.85	-28.496	-0.0114	-2.5 to 2.5	Pass
					4.43	-15.492	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-20.585	-0.0082	-2.5 to 2.5	Pass
				-20	3.85	-21.458	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-14.791	-0.0059	-2.5 to 2.5	Pass
				0	3.85	-46.134	-0.0184	-2.5 to 2.5	Pass
				10	3.85	-19.197	-0.0076	-2.5 to 2.5	Pass
				30	3.85	-21.157	-0.0084	-2.5 to 2.5	Pass
				40	3.85	-6.051	-0.0024	-2.5 to 2.5	Pass

				50	3.85	-27.294	-0.0109	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	30.642	0.0121	-2.5 to 2.5	Pass
					3.85	36.335	0.0143	-2.5 to 2.5	Pass
					4.43	27.409	0.0108	-2.5 to 2.5	Pass
					-30	3.85	28.696	0.0113	-2.5 to 2.5
				-20	3.85	27.709	0.0109	-2.5 to 2.5	Pass
				-10	3.85	16.394	0.0065	-2.5 to 2.5	Pass
				0	3.85	18.010	0.0071	-2.5 to 2.5	Pass
				10	3.85	2.418	0.0010	-2.5 to 2.5	Pass
				30	3.85	-26.078	-0.0103	-2.5 to 2.5	Pass
				40	3.85	-23.174	-0.0091	-2.5 to 2.5	Pass
	50	3.85	3.963	0.0016	-2.5 to 2.5	Pass			
	2560	100	0	20	3.27	15.092	0.0059	-2.5 to 2.5	Pass
					3.85	-34.633	-0.0135	-2.5 to 2.5	Pass
					4.43	-36.836	-0.0144	-2.5 to 2.5	Pass
				-30	3.85	-36.578	-0.0143	-2.5 to 2.5	Pass
				-20	3.85	-5.064	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-32.787	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-22.330	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-38.524	-0.0150	-2.5 to 2.5	Pass
				30	3.85	0.072	0.0000	-2.5 to 2.5	Pass
				40	3.85	-18.268	-0.0071	-2.5 to 2.5	Pass
	50	3.85	-33.646	-0.0131	-2.5 to 2.5	Pass			
16QAM	2510	100	0	20	3.27	-11.415	-0.0045	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0033	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-8.011	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-13.719	-0.0055	-2.5 to 2.5	Pass
				-10	3.85	-13.618	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-15.063	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-23.346	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-26.207	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-33.789	-0.0135	-2.5 to 2.5	Pass
	50	3.85	6.967	0.0028	-2.5 to 2.5	Pass			
	2535	100	0	20	3.27	-13.704	-0.0054	-2.5 to 2.5	Pass
					3.85	-18.597	-0.0073	-2.5 to 2.5	Pass
					4.43	-24.776	-0.0098	-2.5 to 2.5	Pass
				-30	3.85	-27.094	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-32.244	-0.0127	-2.5 to 2.5	Pass
				-10	3.85	-38.023	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-30.613	-0.0121	-2.5 to 2.5	Pass
				10	3.85	-12.975	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				40	3.85	7.625	0.0030	-2.5 to 2.5	Pass
	50	3.85	17.667	0.0070	-2.5 to 2.5	Pass			
	2560	100	0	20	3.27	-20.714	-0.0081	-2.5 to 2.5	Pass
					3.85	-12.946	-0.0051	-2.5 to 2.5	Pass
					4.43	-14.577	-0.0057	-2.5 to 2.5	Pass
				-30	3.85	-15.364	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-17.695	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-16.623	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-19.255	-0.0075	-2.5 to 2.5	Pass
				10	3.85	-21.615	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-22.559	-0.0088	-2.5 to 2.5	Pass
				40	3.85	-26.107	-0.0102	-2.5 to 2.5	Pass
	50	3.85	-31.385	-0.0123	-2.5 to 2.5	Pass			

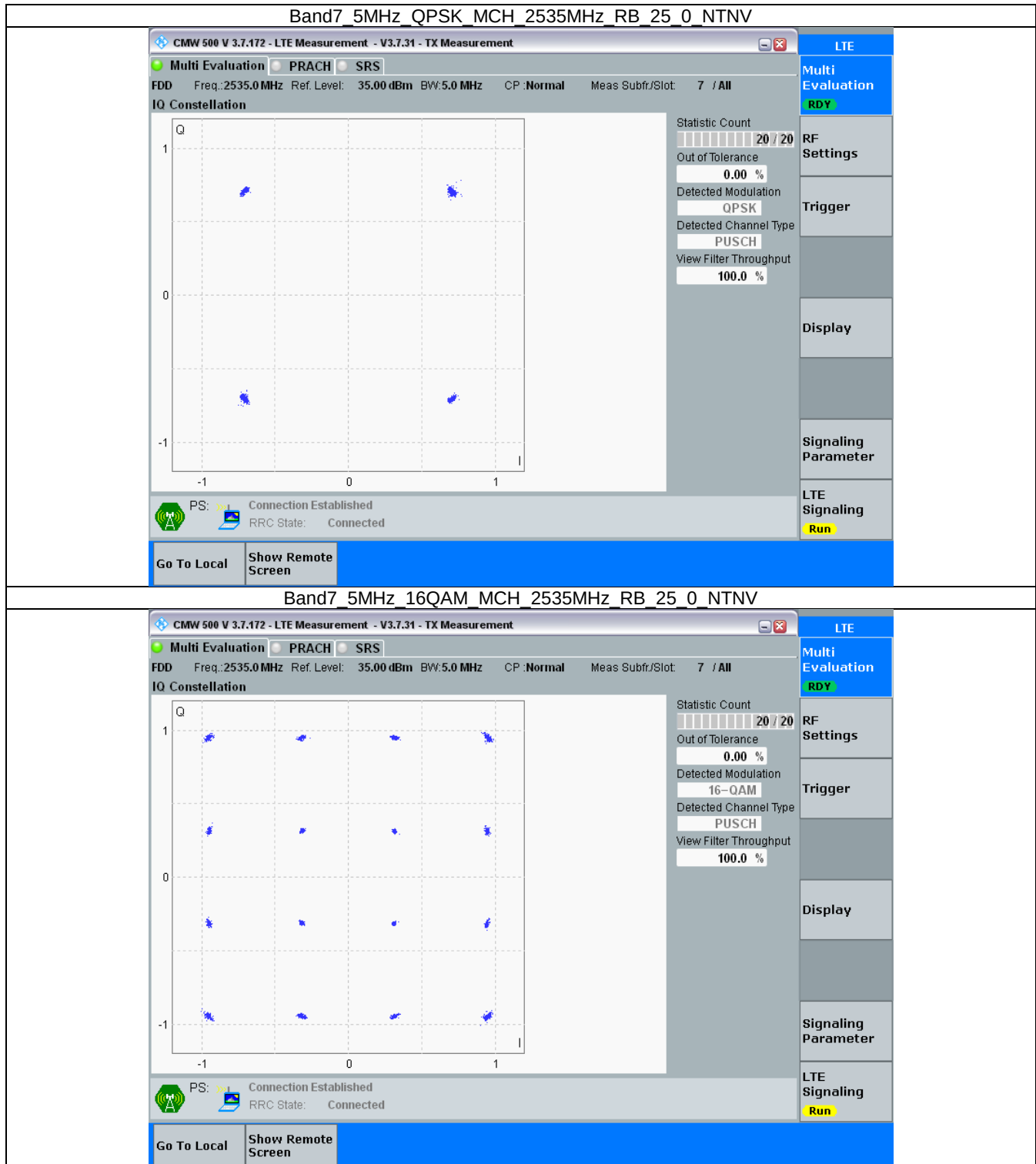
3. Modulation Characteristics

3.1 B7_5MHz

3.1.1 Test Result

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

3.1.2 Test Graph

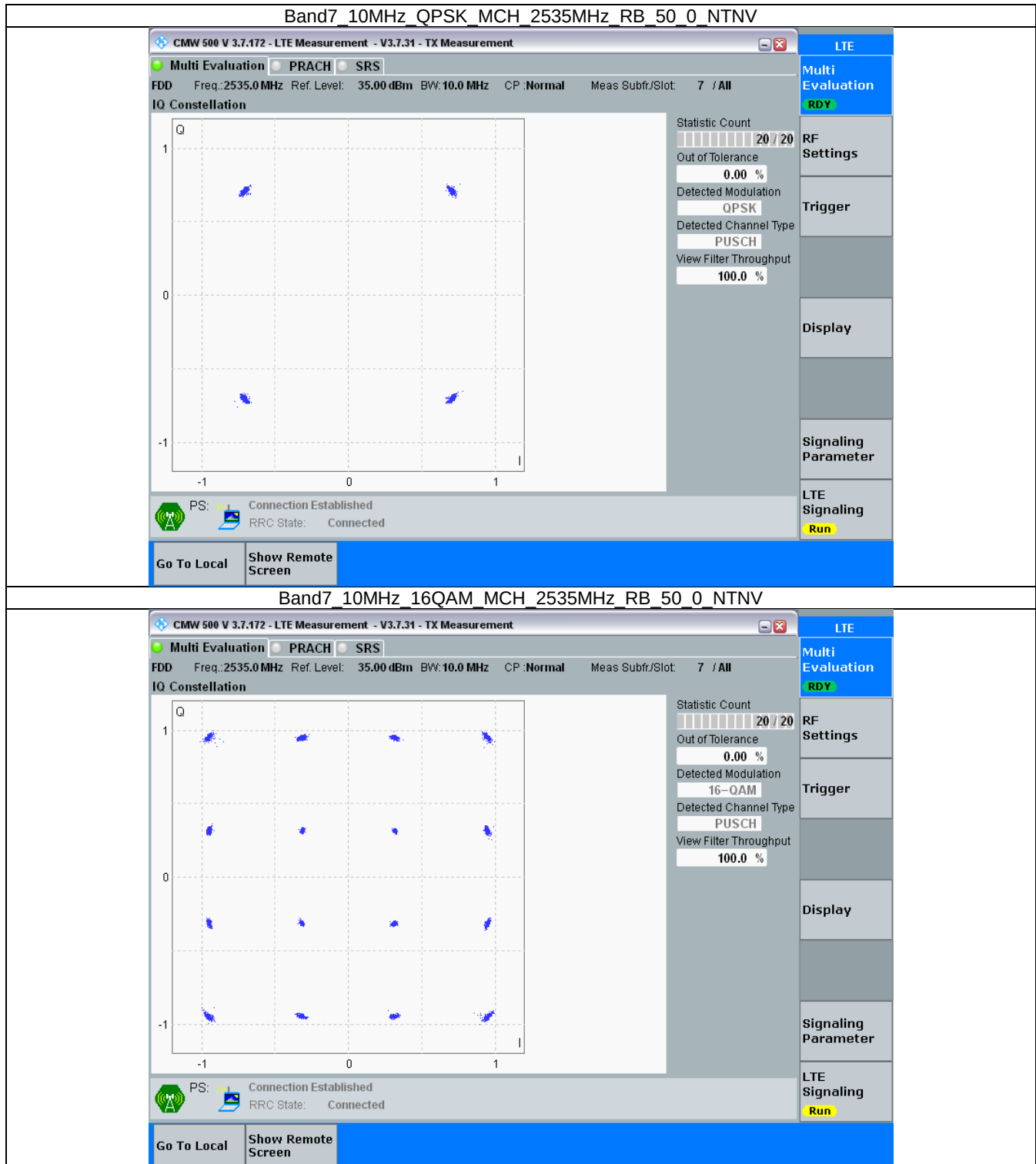


3.2 B7_10MHz

3.2.1 Test Result

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

3.2.2 Test Graph

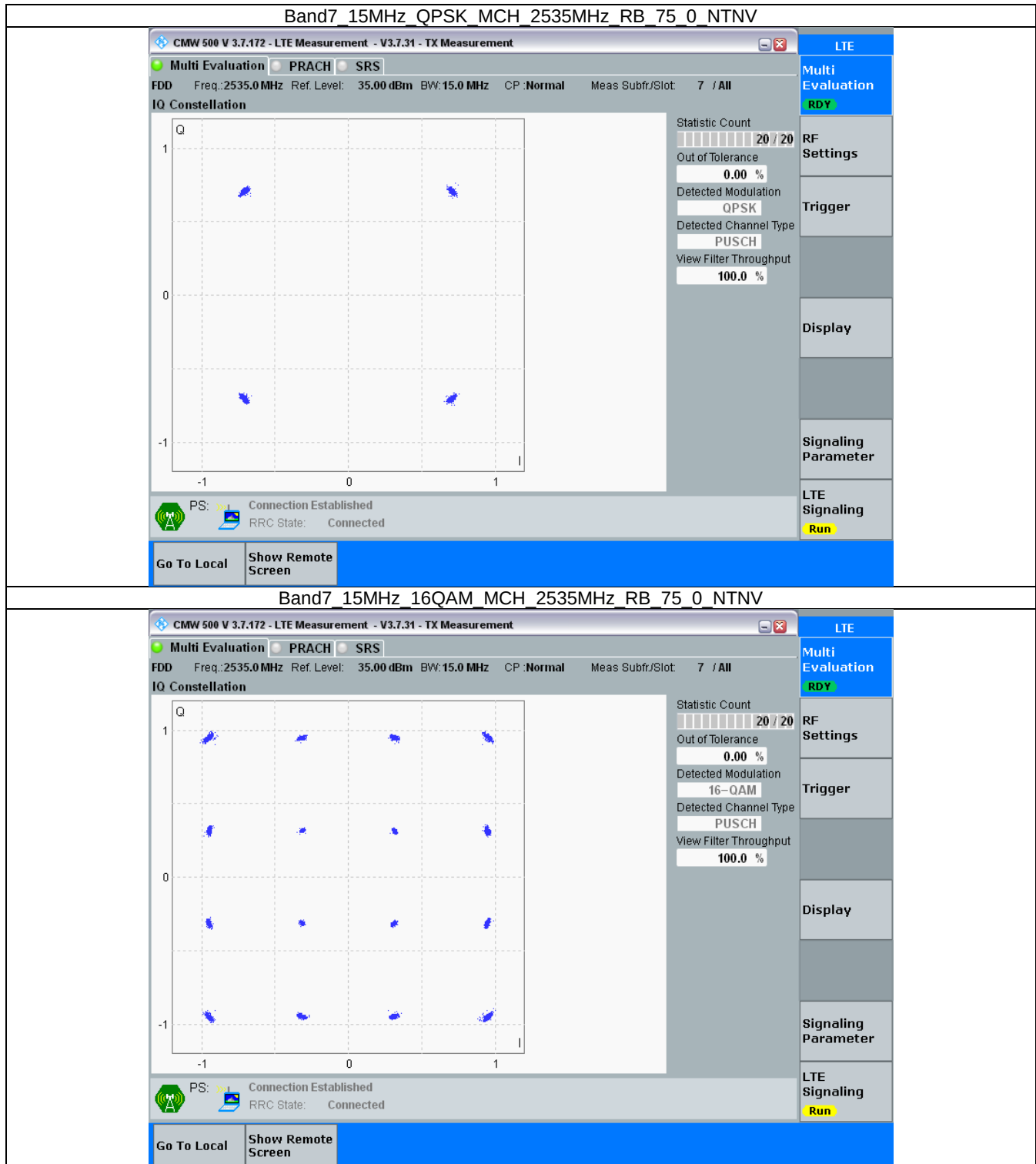


3.3 B7_15MHz

3.3.1 Test Result

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

3.3.2 Test Graph

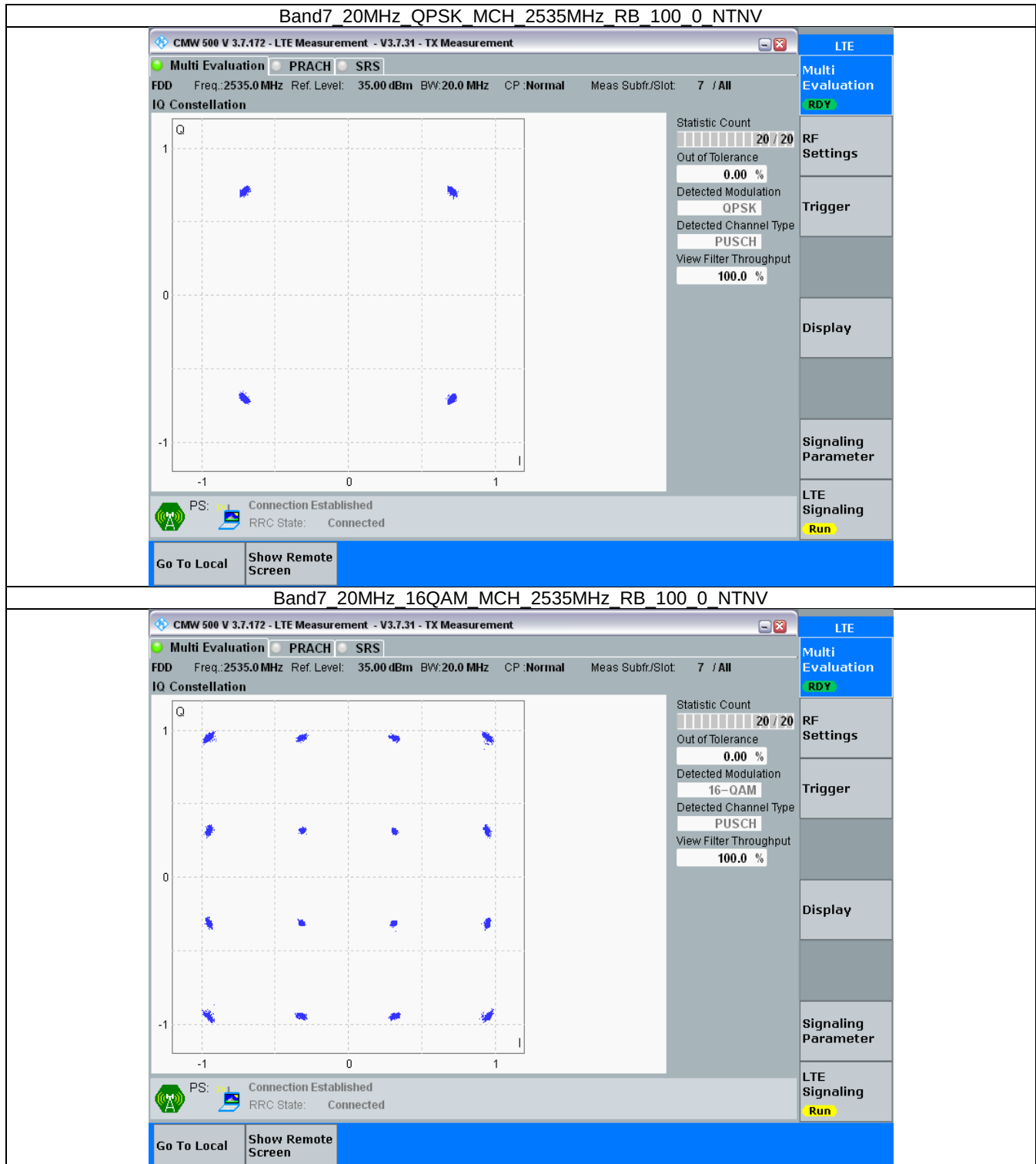


3.4 B7_20MHz

3.4.1 Test Result

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

3.4.2 Test Graph



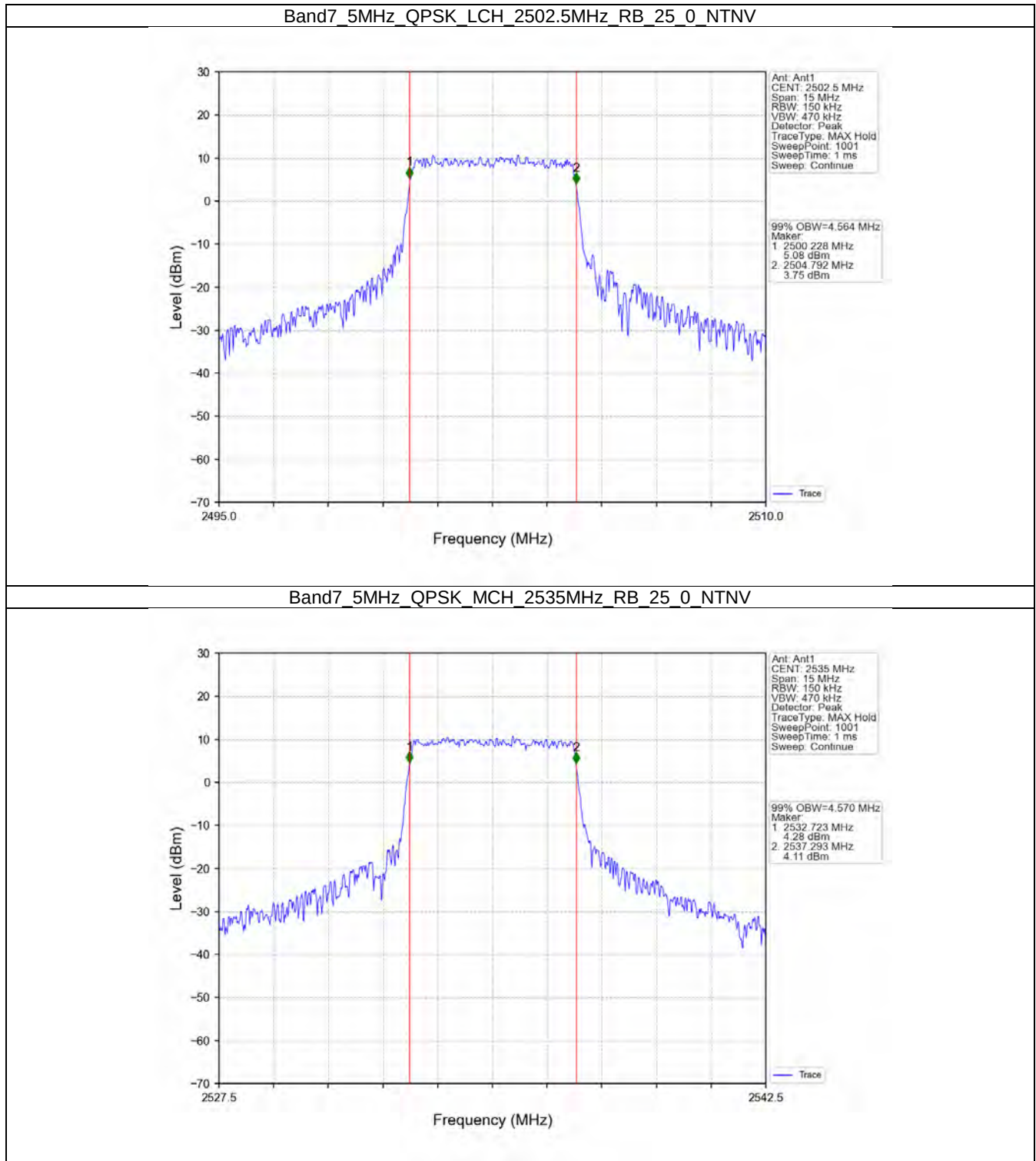
4. 99% & 26dB Bandwidth

4.1 Band7_OBW

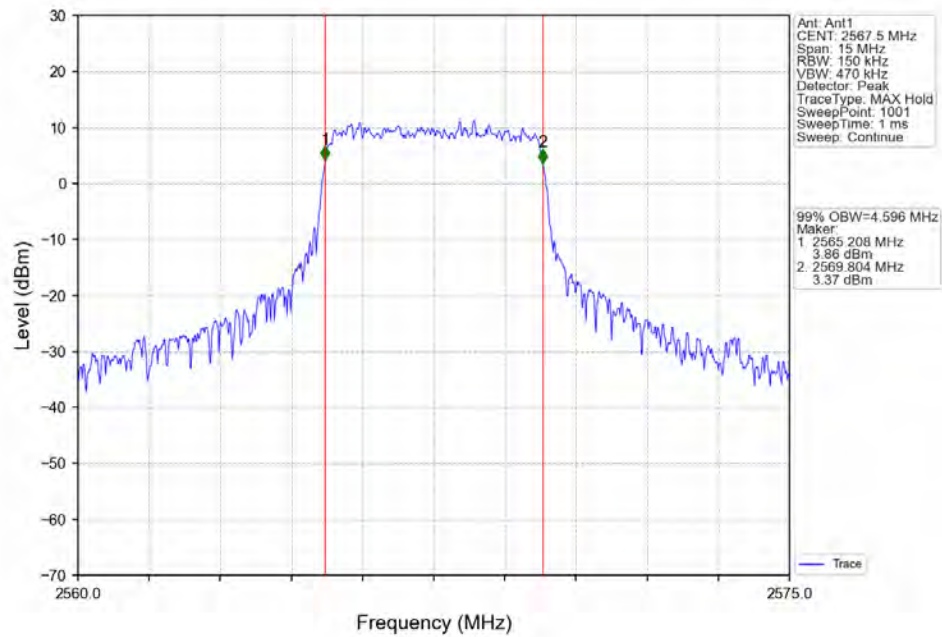
4.1.1 Test Result

Band: 7 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.564	/	Pass
		2535	25	0	4.570	/	Pass
		2567.5	25	0	4.596	/	Pass
	16QAM	2502.5	25	0	4.589	/	Pass
		2535	25	0	4.611	/	Pass
		2567.5	25	0	4.592	/	Pass
10	QPSK	2505	50	0	9.087	/	Pass
		2535	50	0	9.080	/	Pass
		2565	50	0	9.062	/	Pass
	16QAM	2505	50	0	9.115	/	Pass
		2535	50	0	9.063	/	Pass
		2565	50	0	9.056	/	Pass
15	QPSK	2507.5	75	0	13.660	/	Pass
		2535	75	0	13.630	/	Pass
		2562.5	75	0	13.572	/	Pass
	16QAM	2507.5	75	0	13.626	/	Pass
		2535	75	0	13.601	/	Pass
		2562.5	75	0	13.575	/	Pass
20	QPSK	2510	100	0	18.184	/	Pass
		2535	100	0	18.113	/	Pass
		2560	100	0	18.116	/	Pass
	16QAM	2510	100	0	18.240	/	Pass
		2535	100	0	18.163	/	Pass
		2560	100	0	18.129	/	Pass

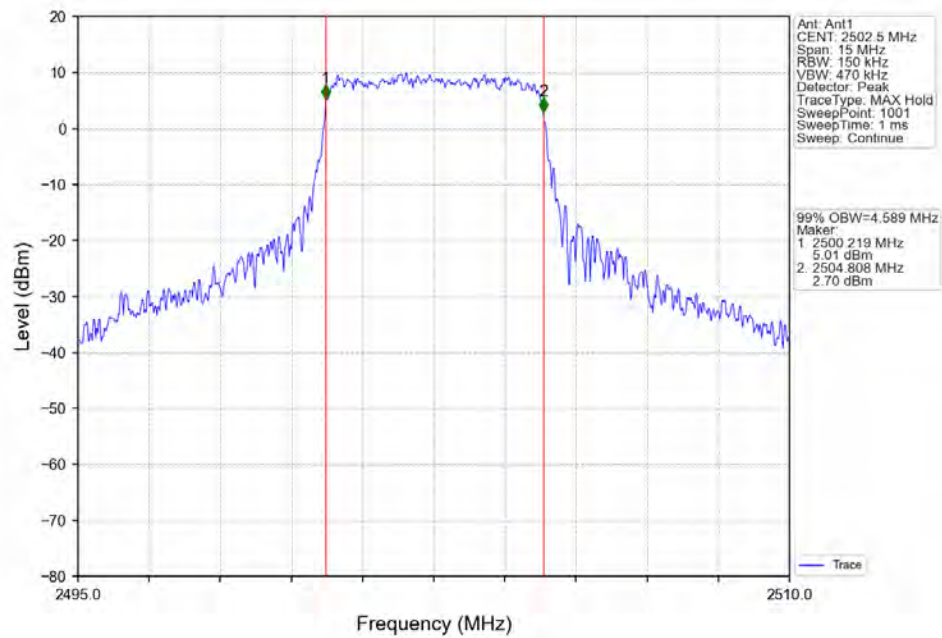
4.1.2 Test Graph



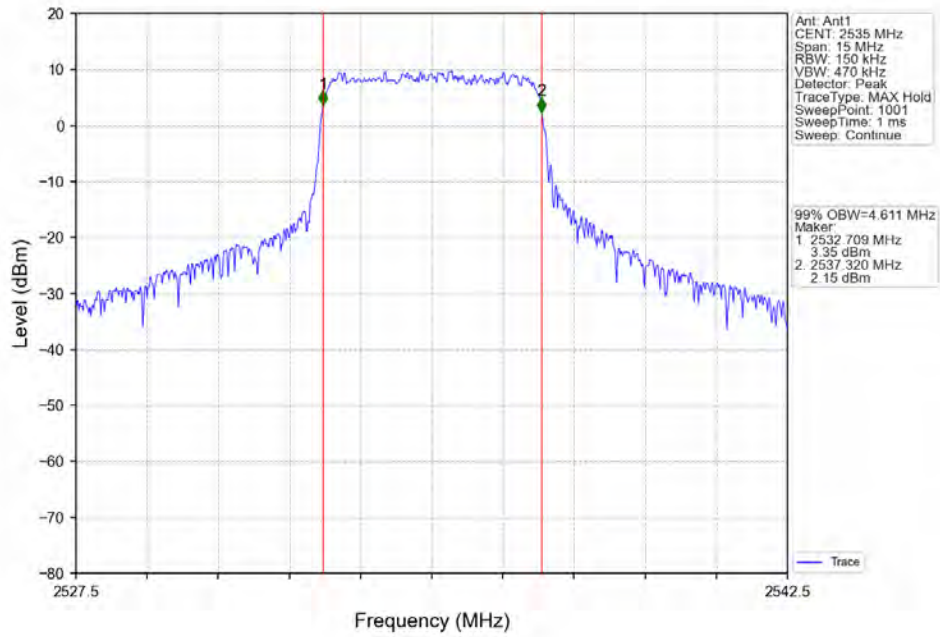
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



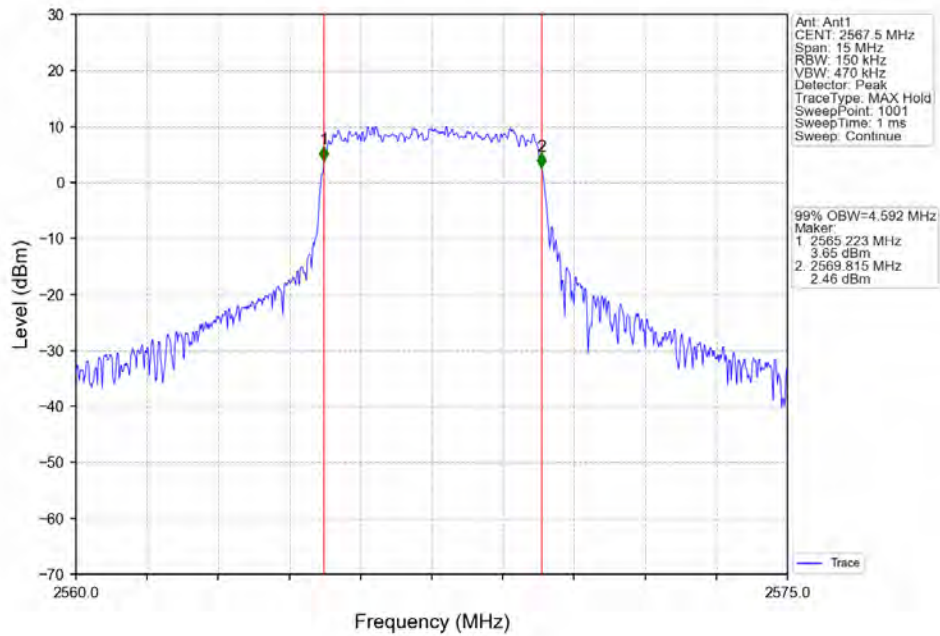
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



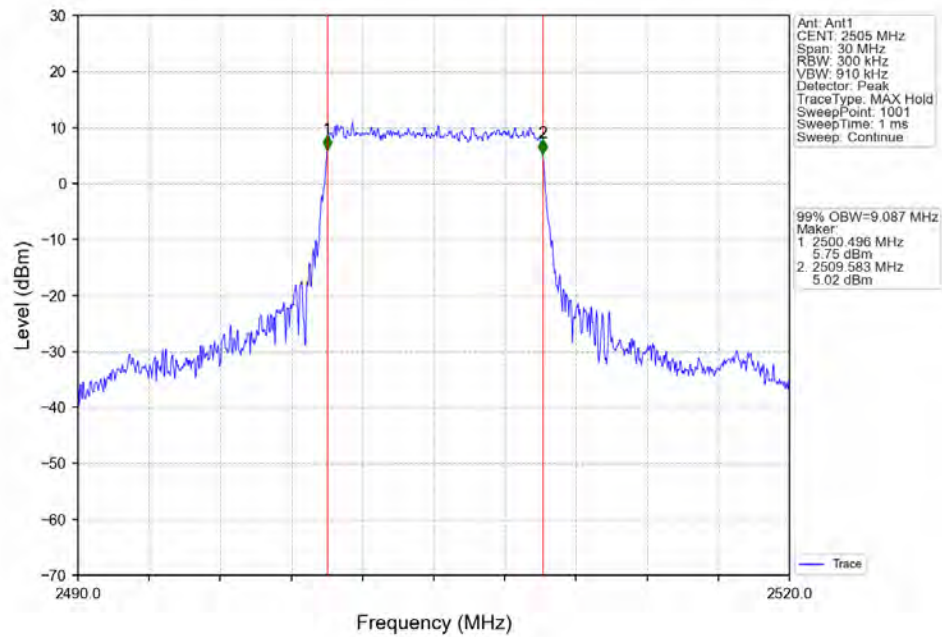
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



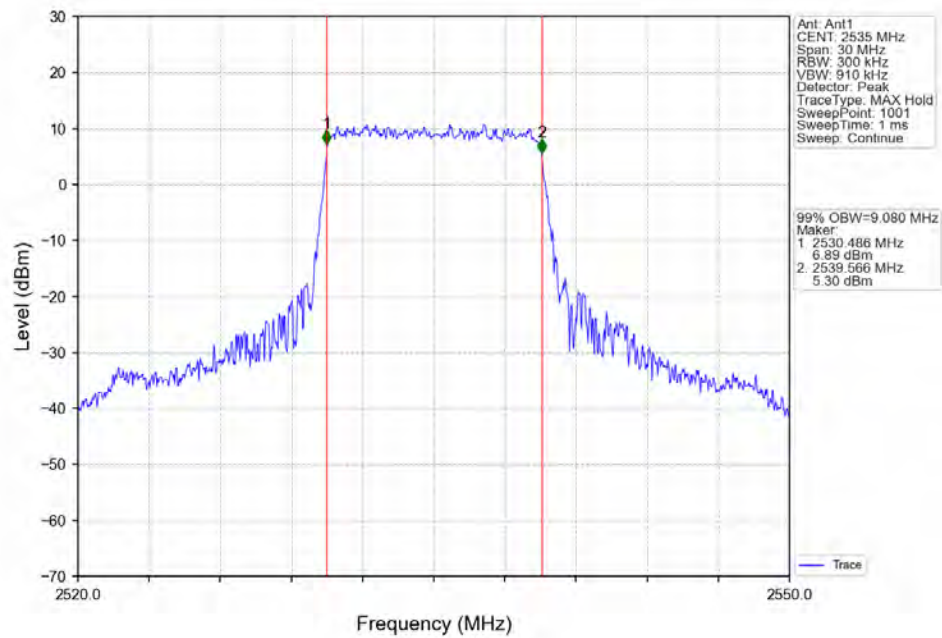
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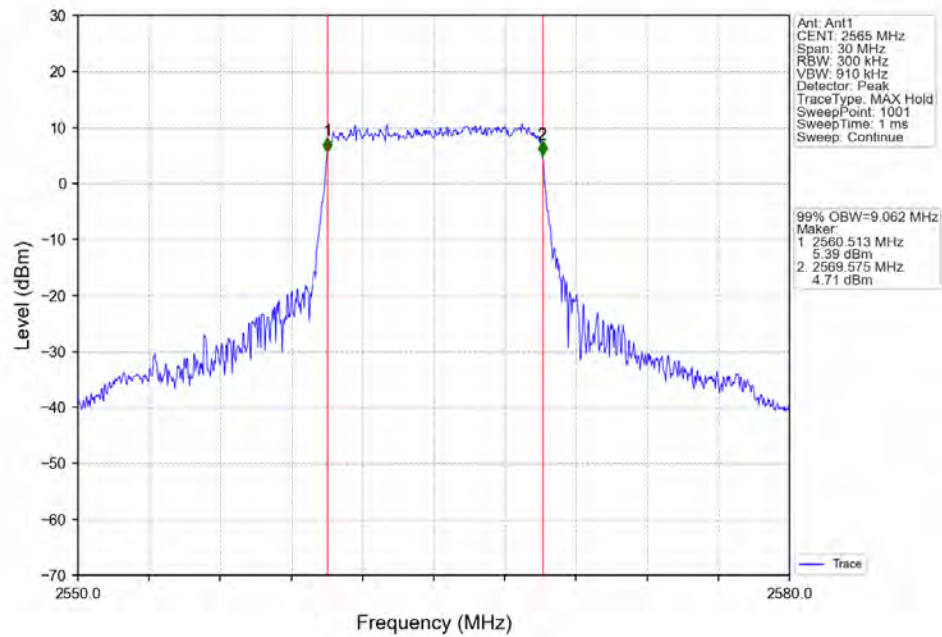
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



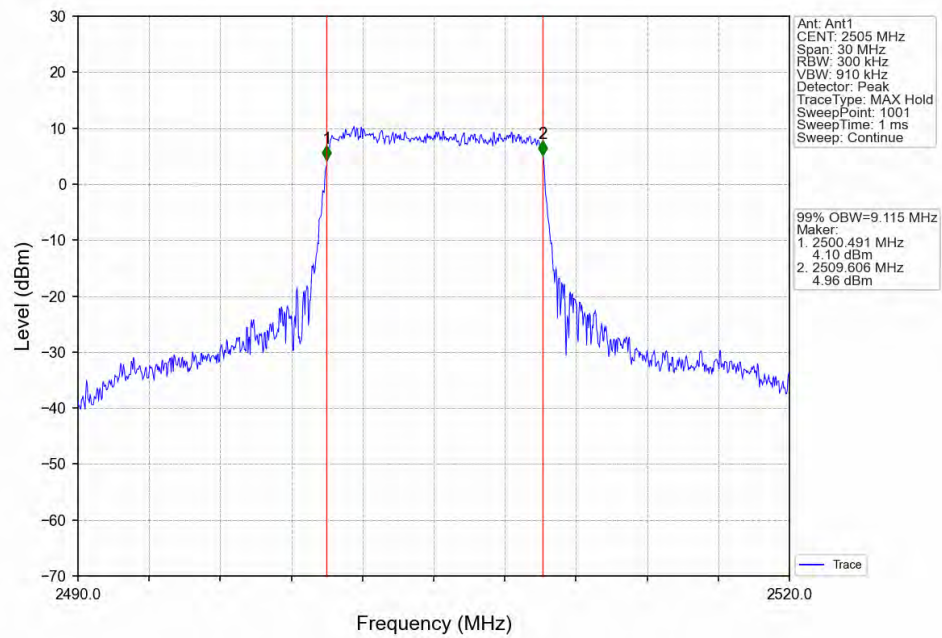
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



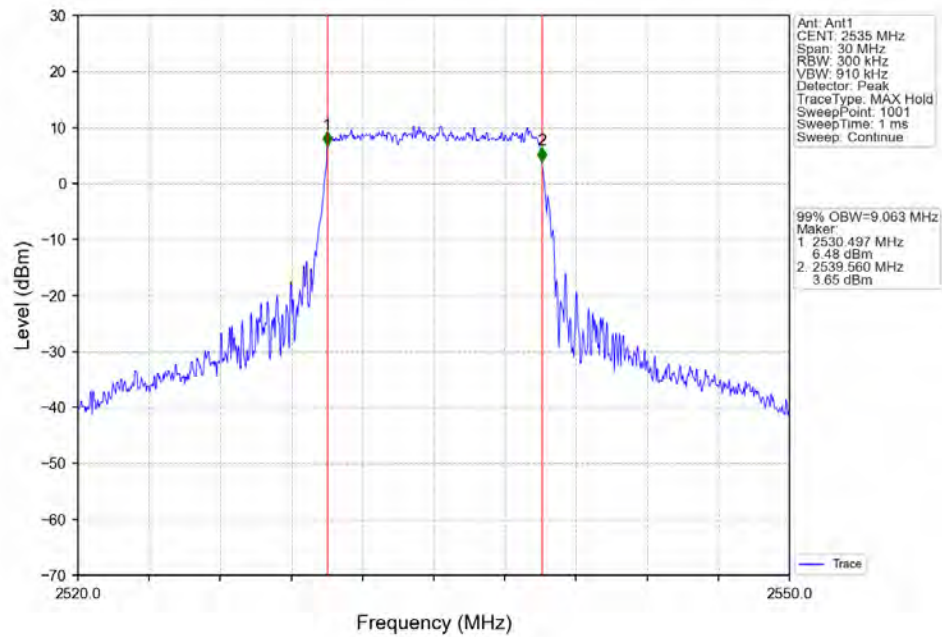
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



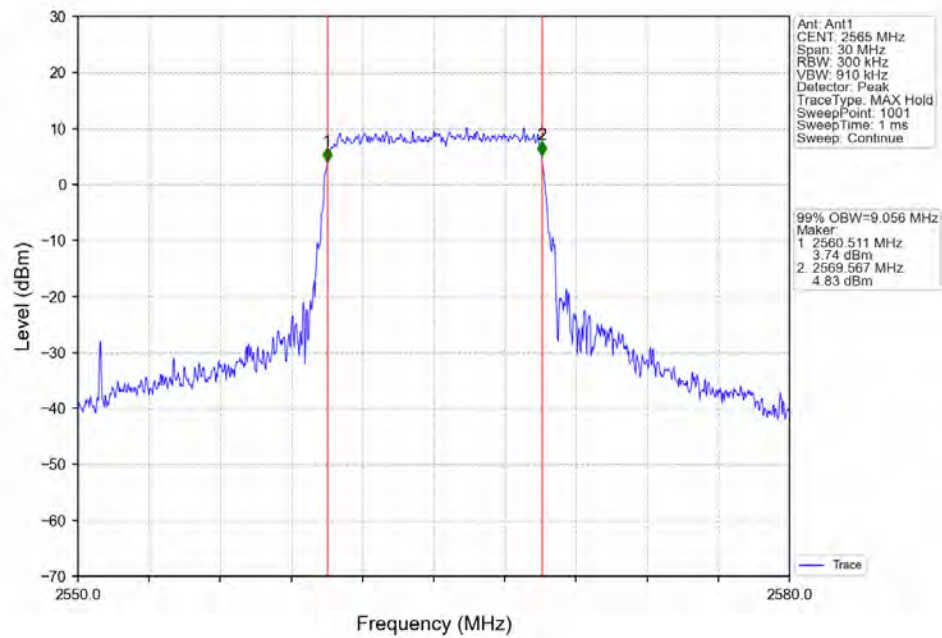
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



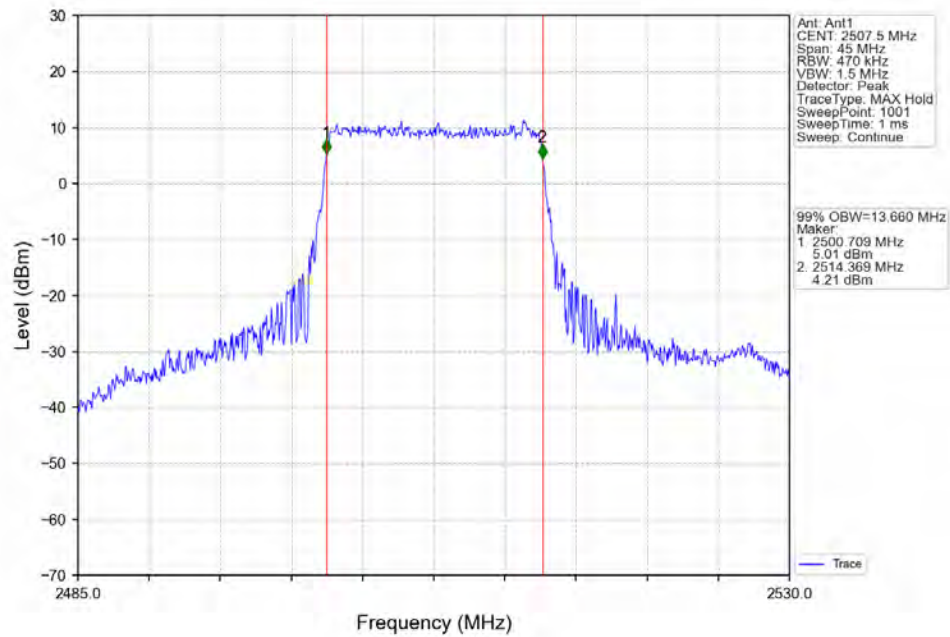
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



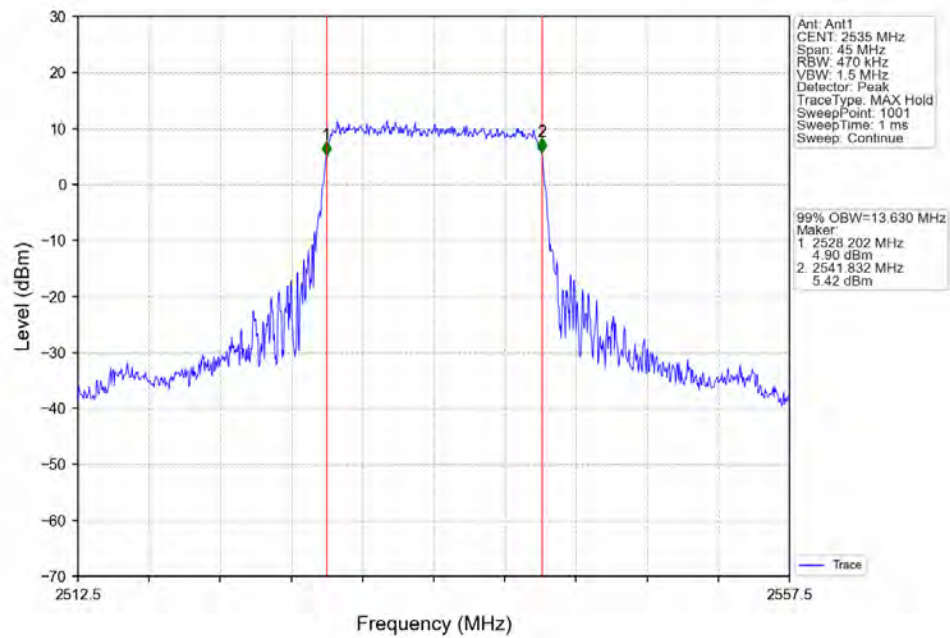
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



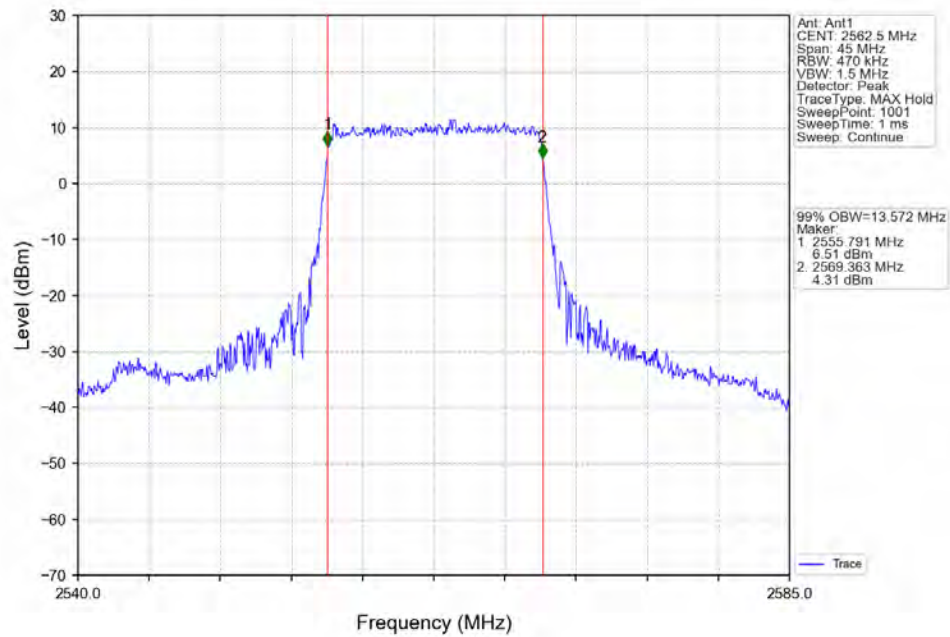
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



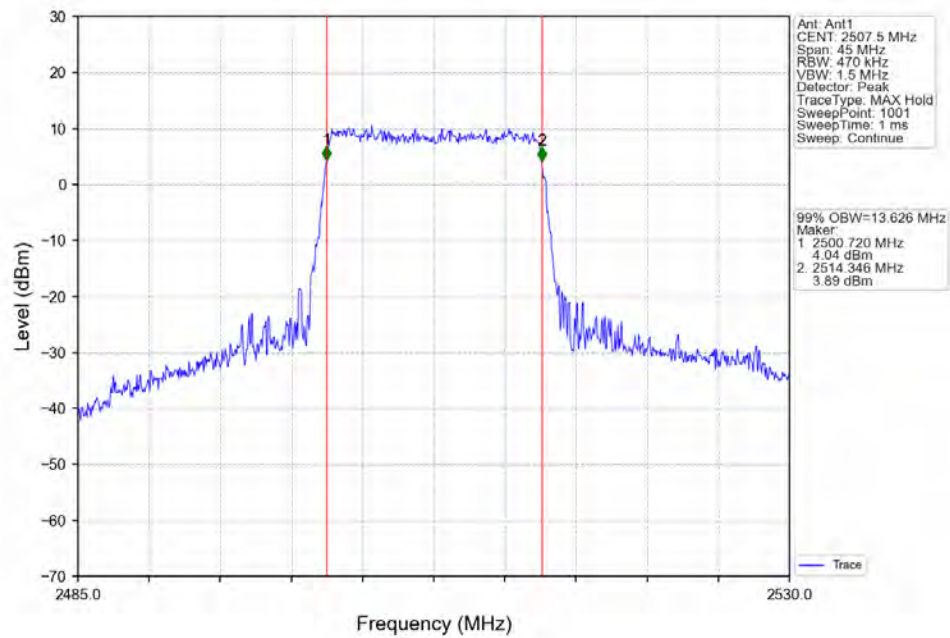
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



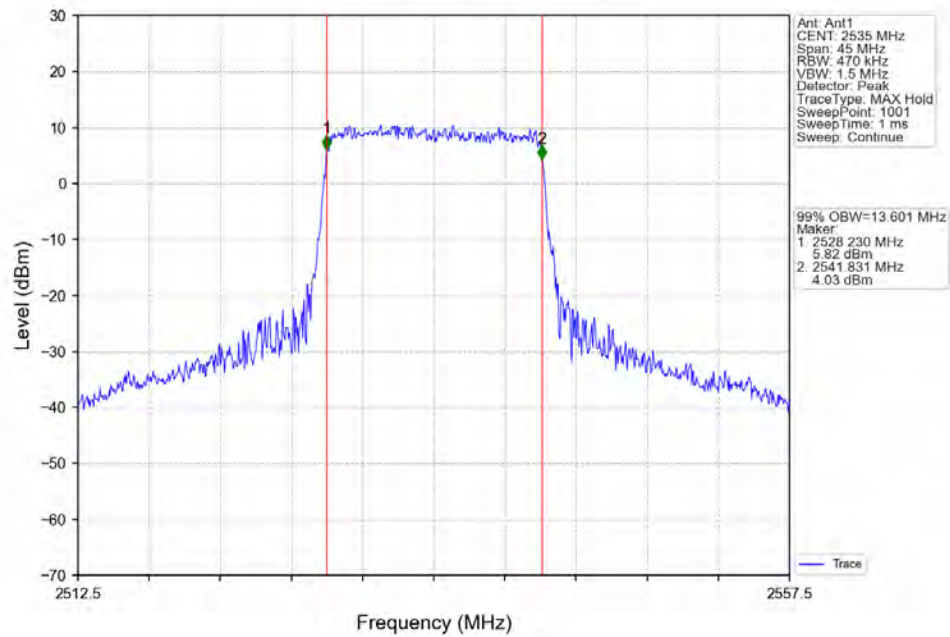
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



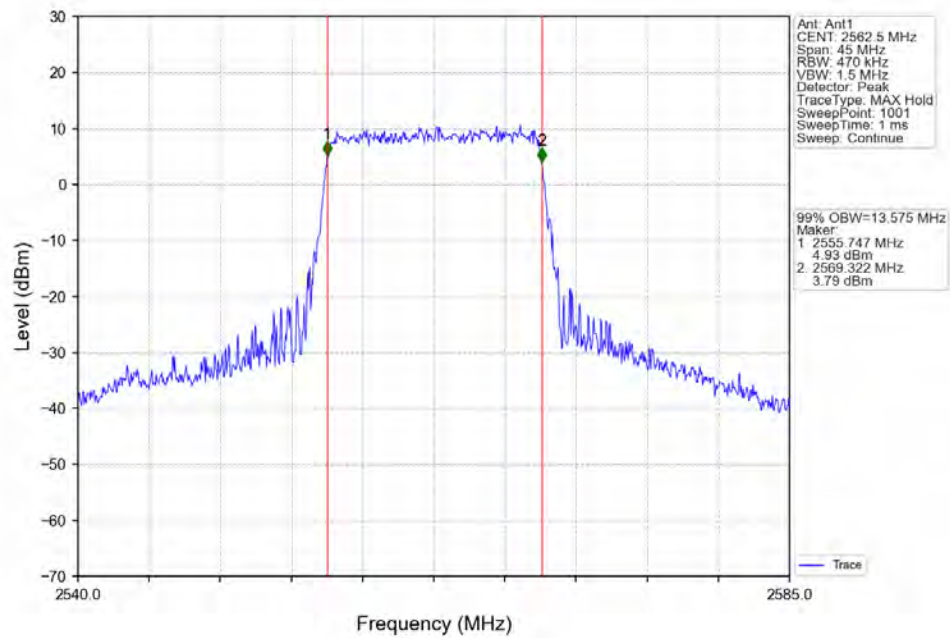
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



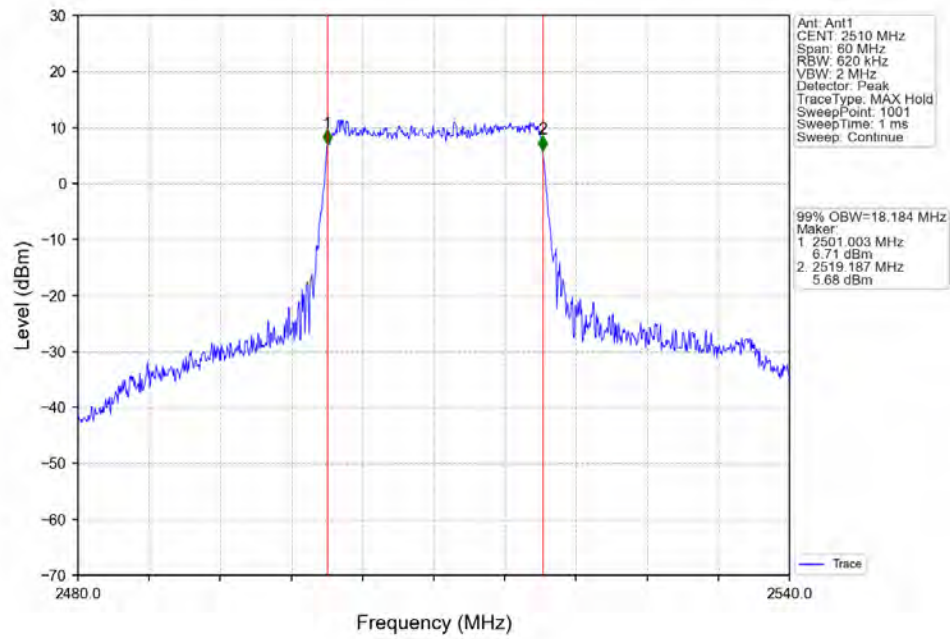
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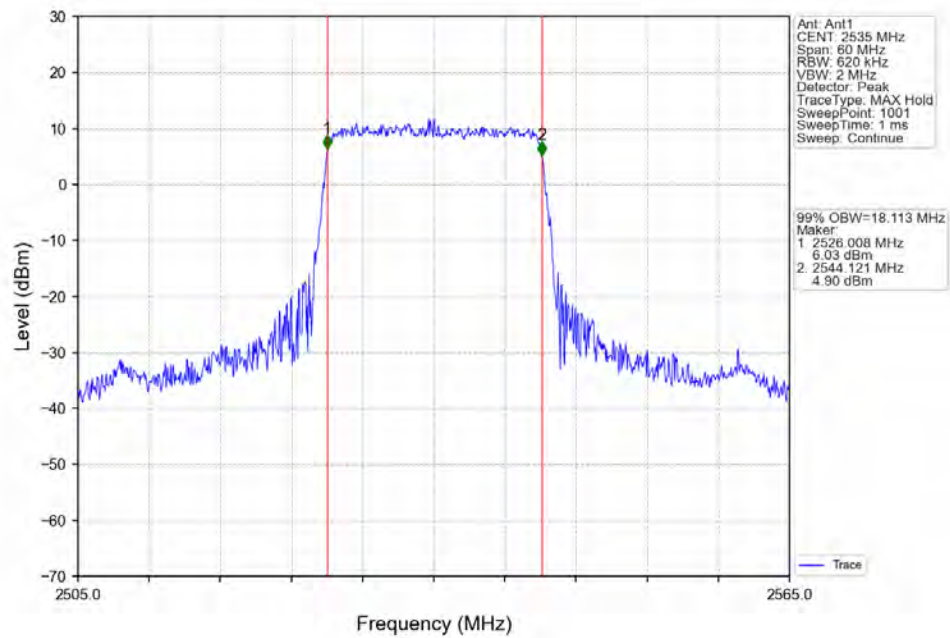
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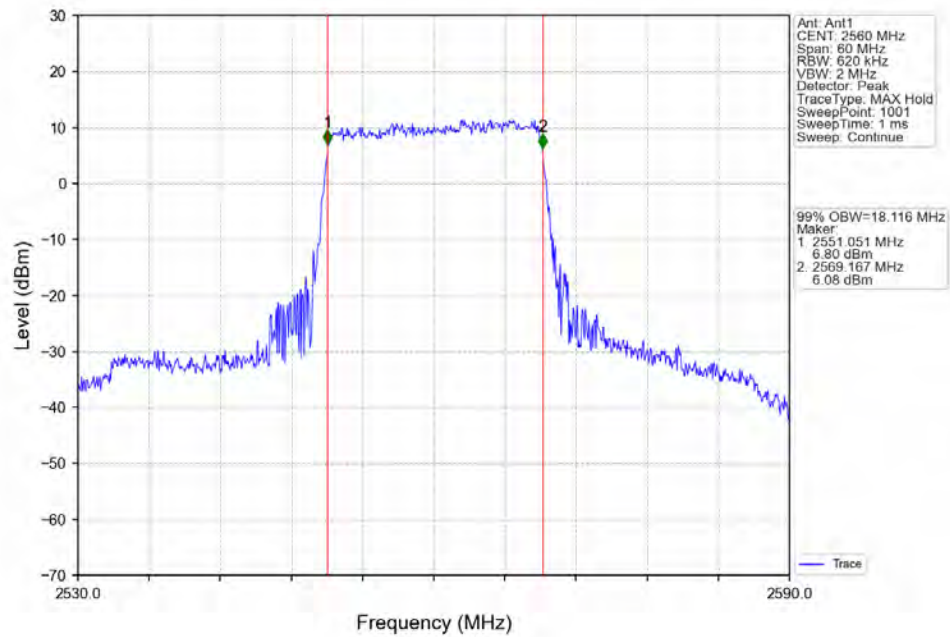
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



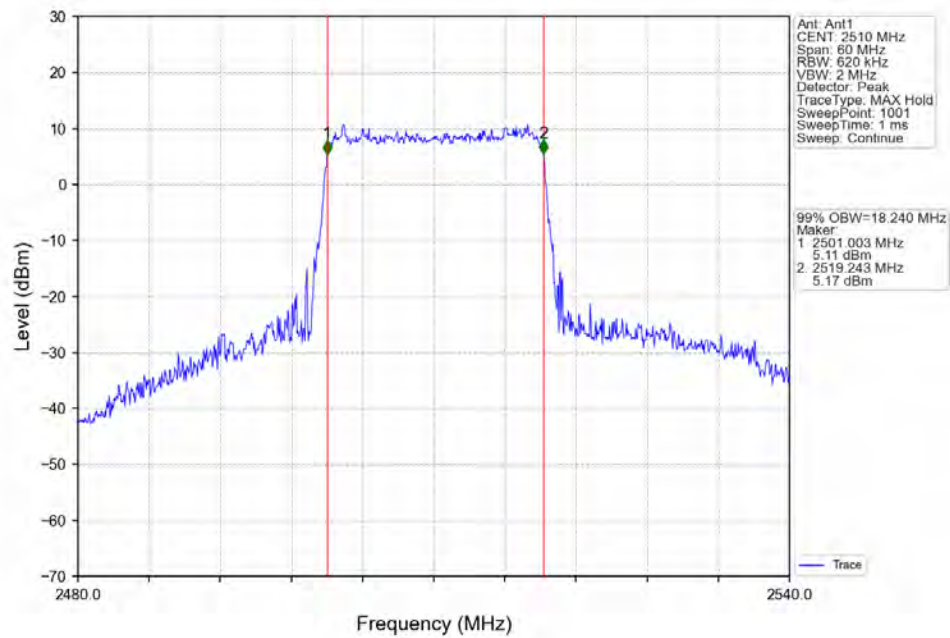
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



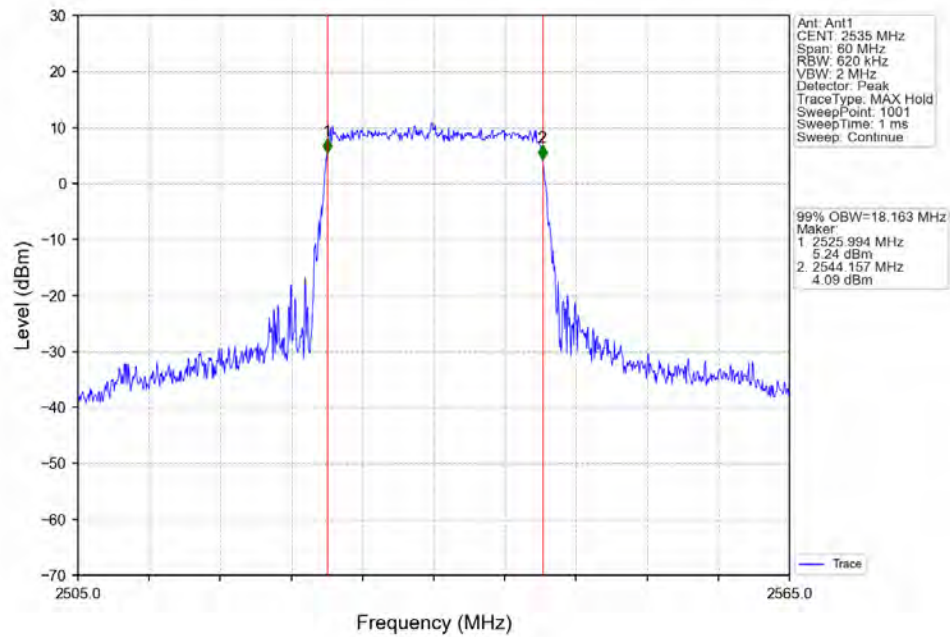
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



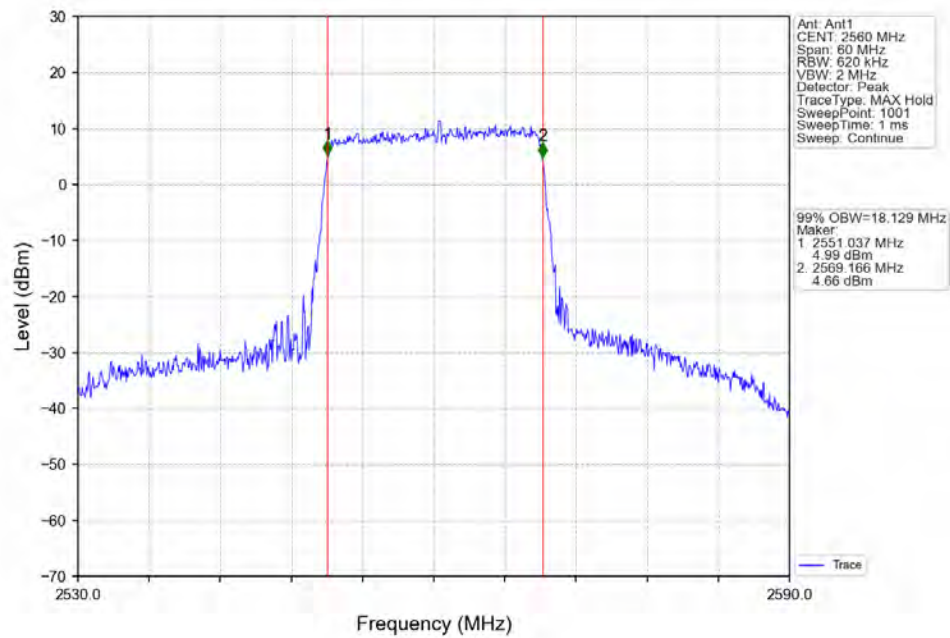
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV

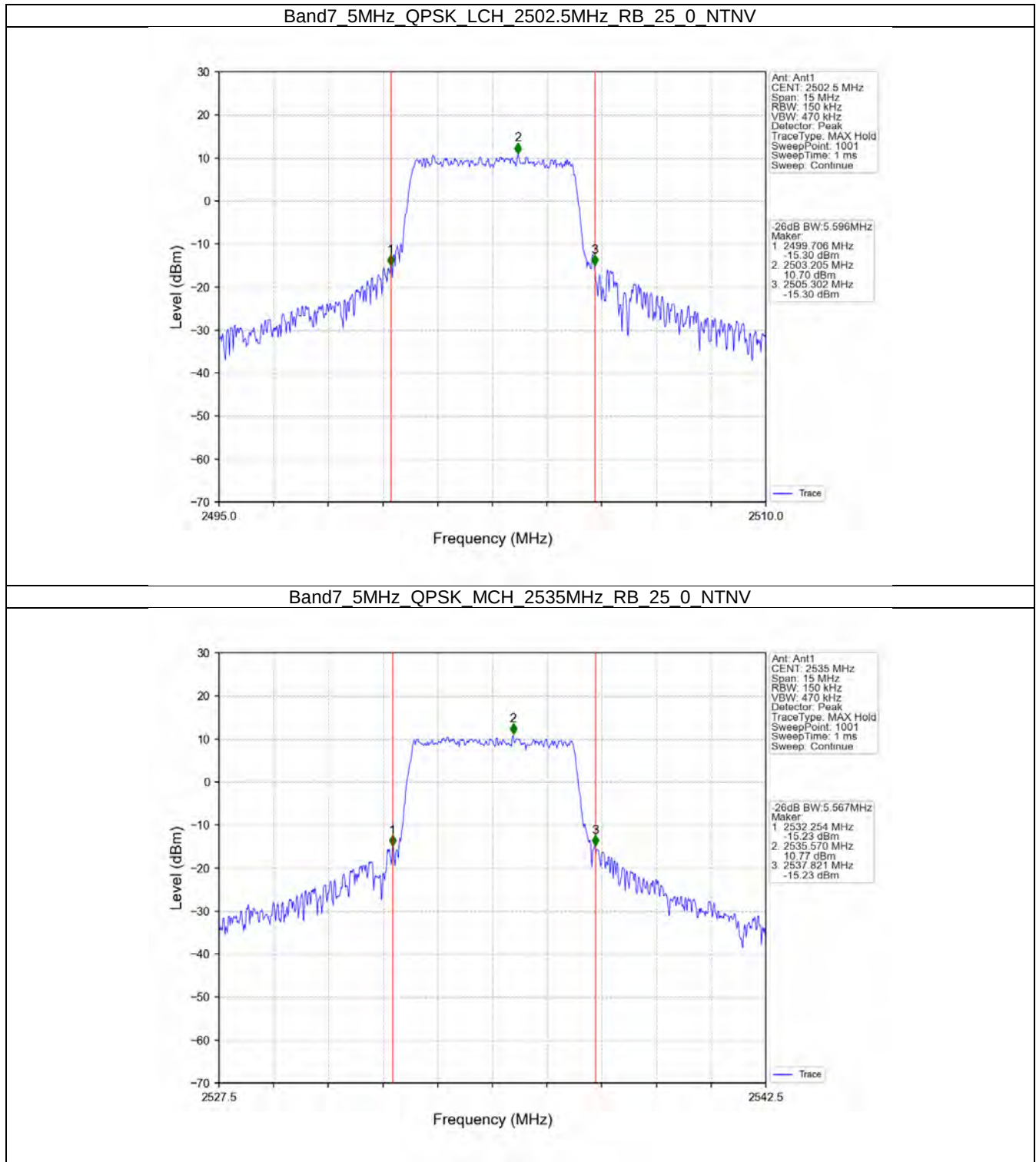


4.2 Band7_XDB

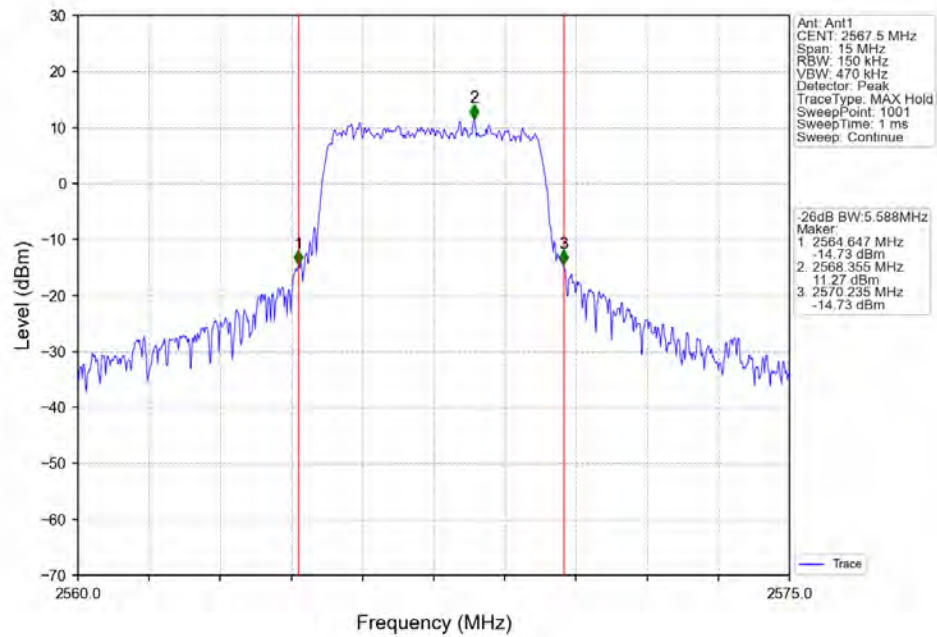
4.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.596	/	Pass
		2535	25	0	5.567	/	Pass
		2567.5	25	0	5.588	/	Pass
	16QAM	2502.5	25	0	5.684	/	Pass
		2535	25	0	5.743	/	Pass
		2567.5	25	0	5.728	/	Pass
10	QPSK	2505	50	0	10.326	/	Pass
		2535	50	0	10.258	/	Pass
		2565	50	0	10.268	/	Pass
	16QAM	2505	50	0	10.317	/	Pass
		2535	50	0	10.606	/	Pass
		2565	50	0	10.120	/	Pass
15	QPSK	2507.5	75	0	16.054	/	Pass
		2535	75	0	16.068	/	Pass
		2562.5	75	0	15.819	/	Pass
	16QAM	2507.5	75	0	15.283	/	Pass
		2535	75	0	15.141	/	Pass
		2562.5	75	0	15.744	/	Pass
20	QPSK	2510	100	0	20.579	/	Pass
		2535	100	0	20.169	/	Pass
		2560	100	0	20.859	/	Pass
	16QAM	2510	100	0	20.822	/	Pass
		2535	100	0	20.331	/	Pass
		2560	100	0	20.279	/	Pass

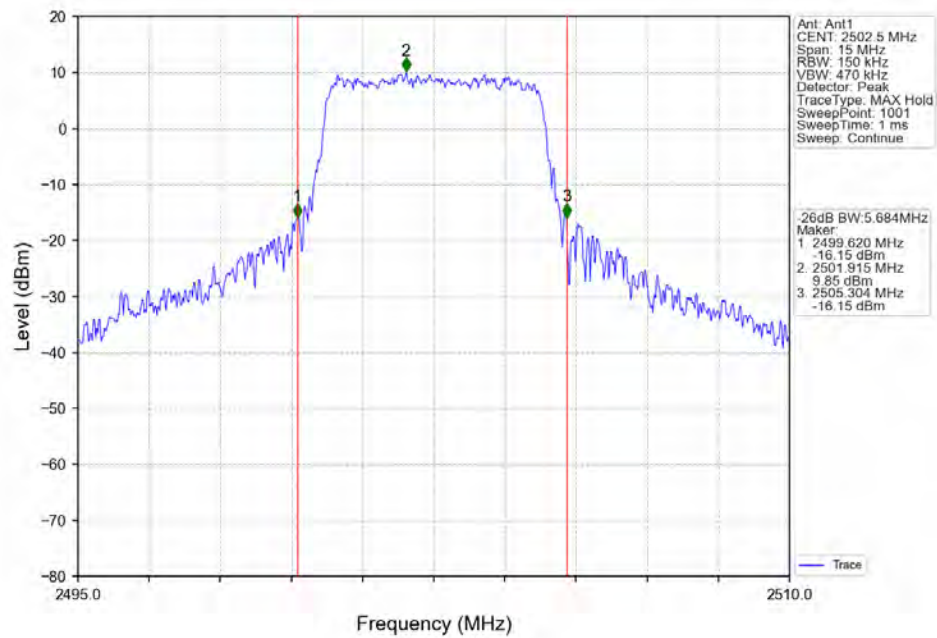
4.2.2 Test Graph



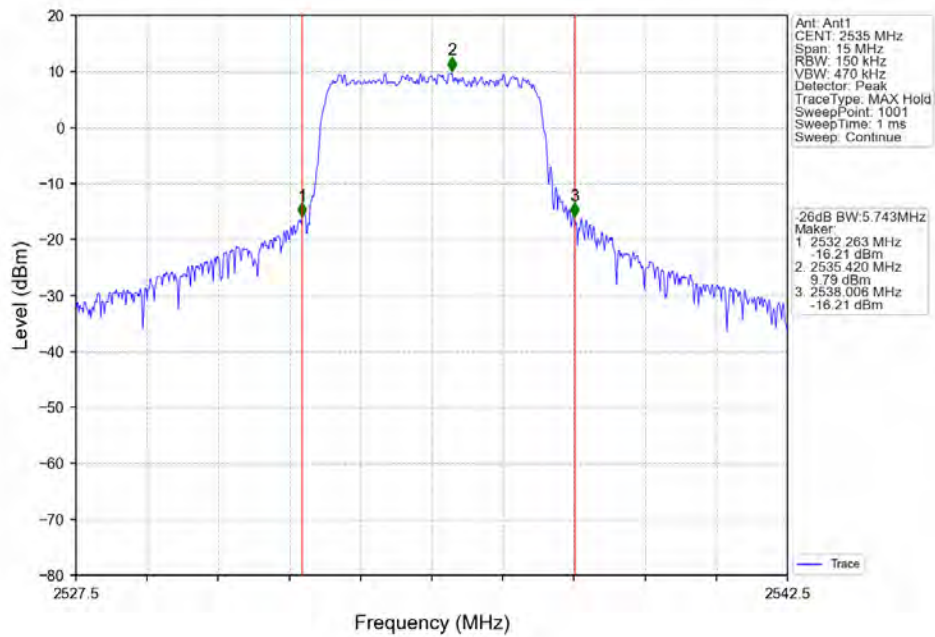
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



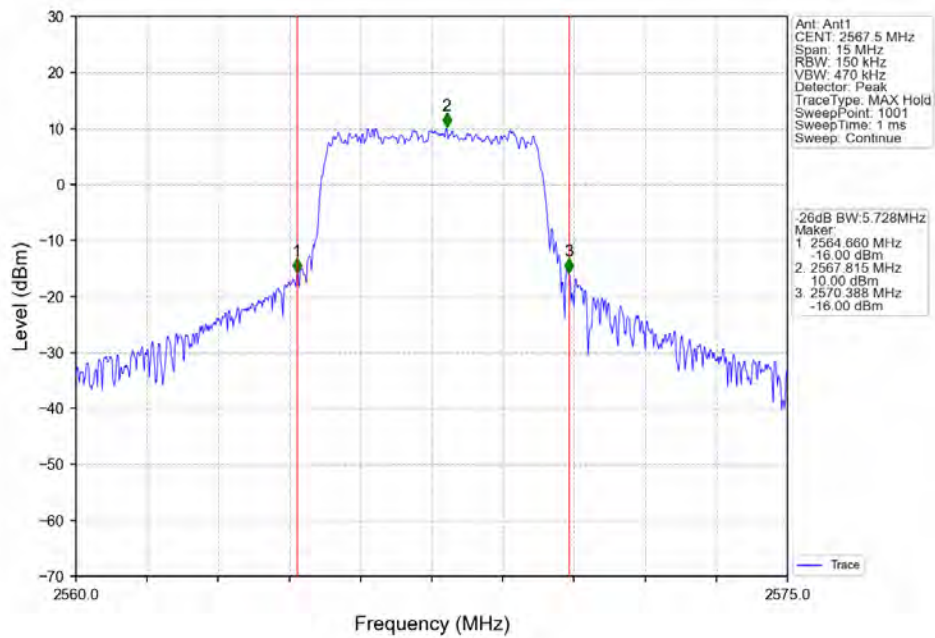
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



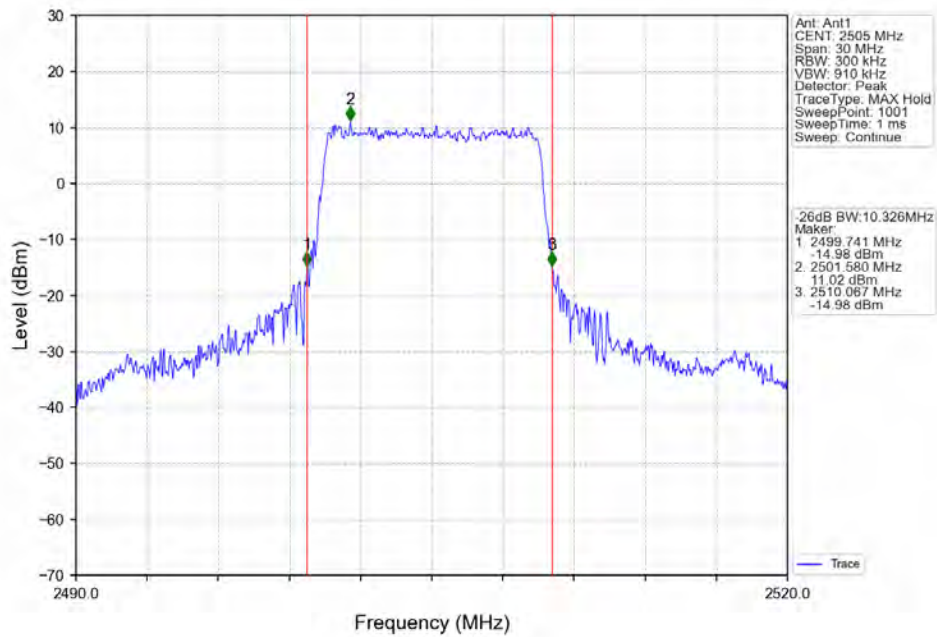
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



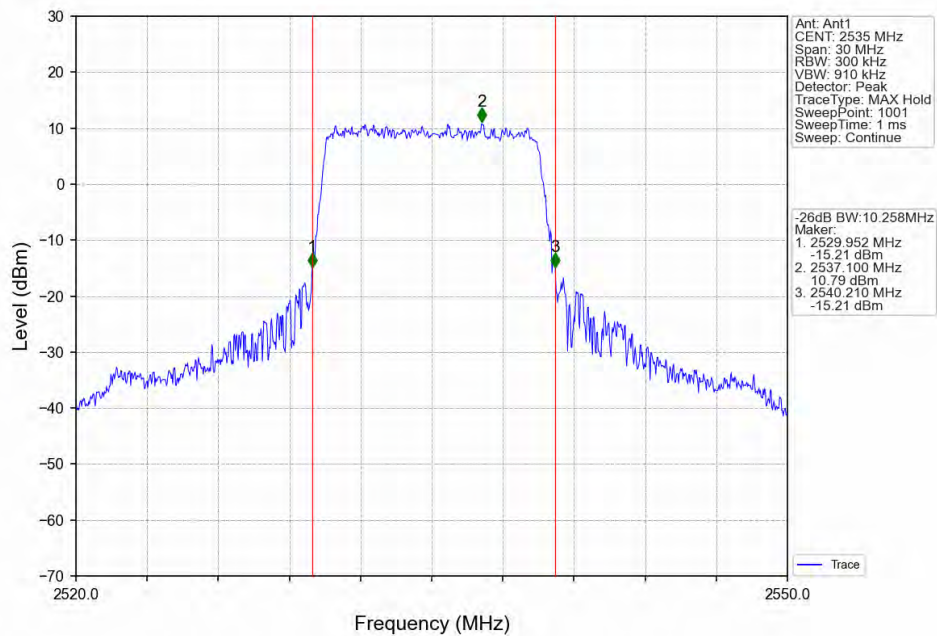
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



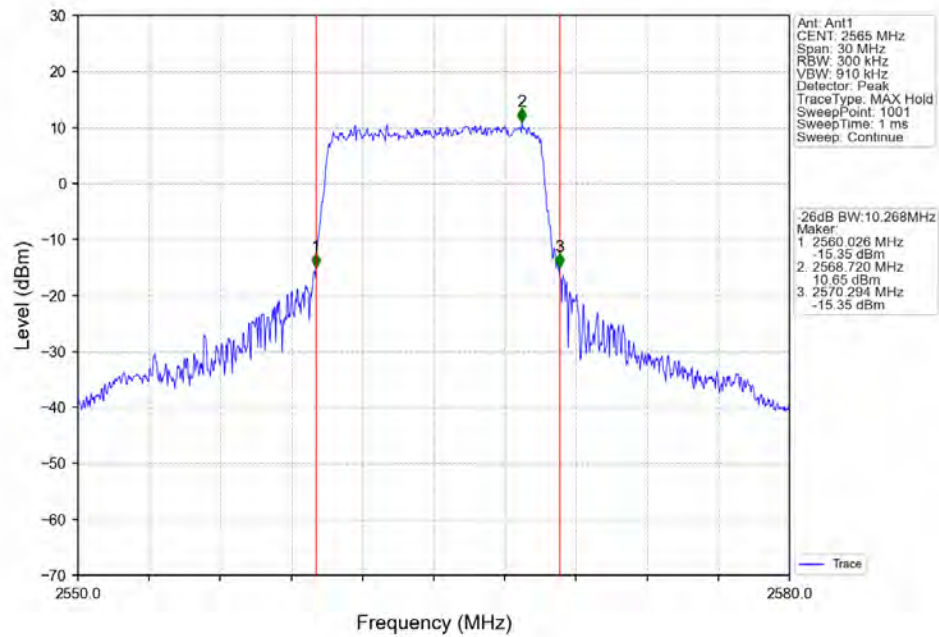
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



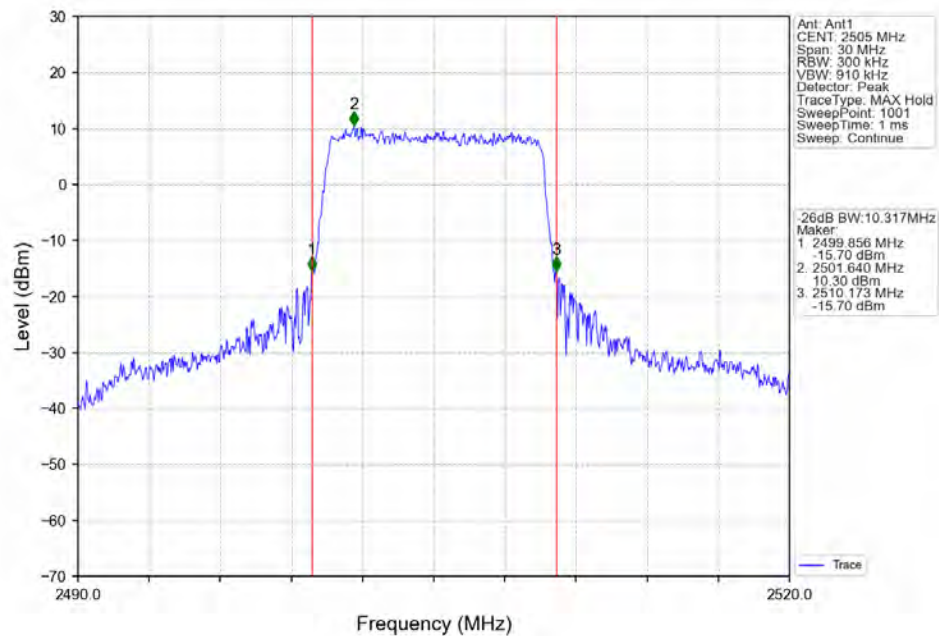
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



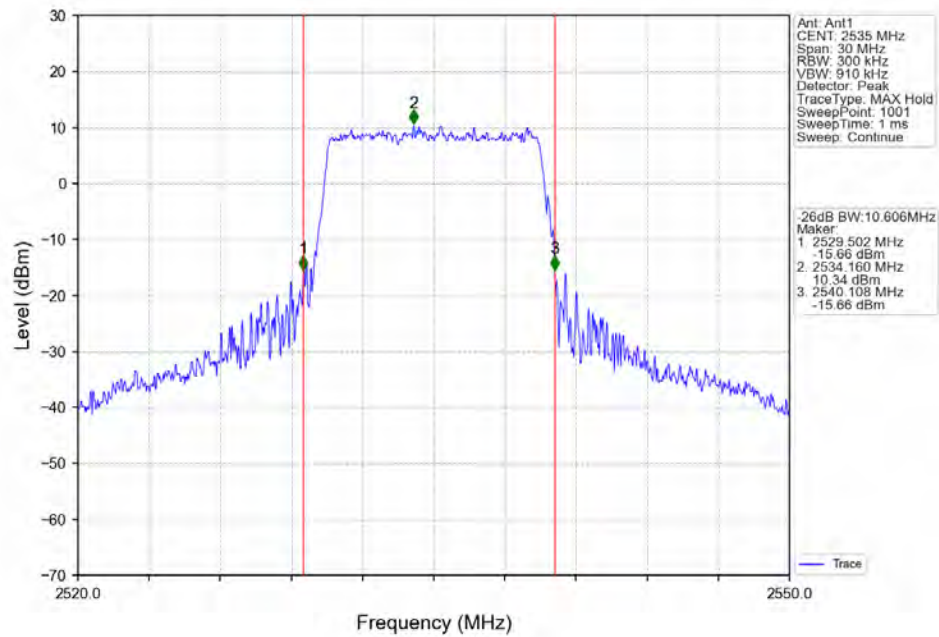
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



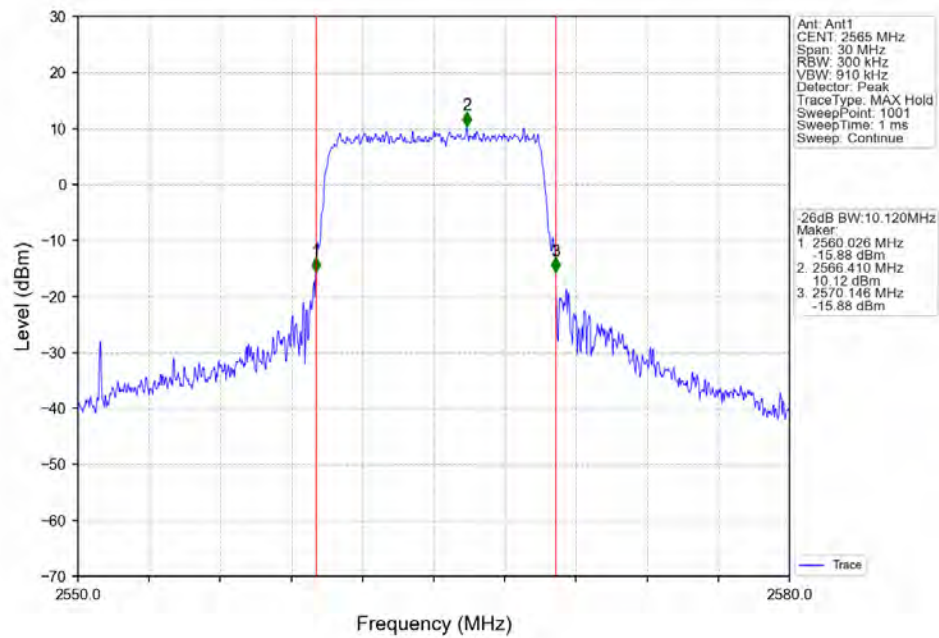
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



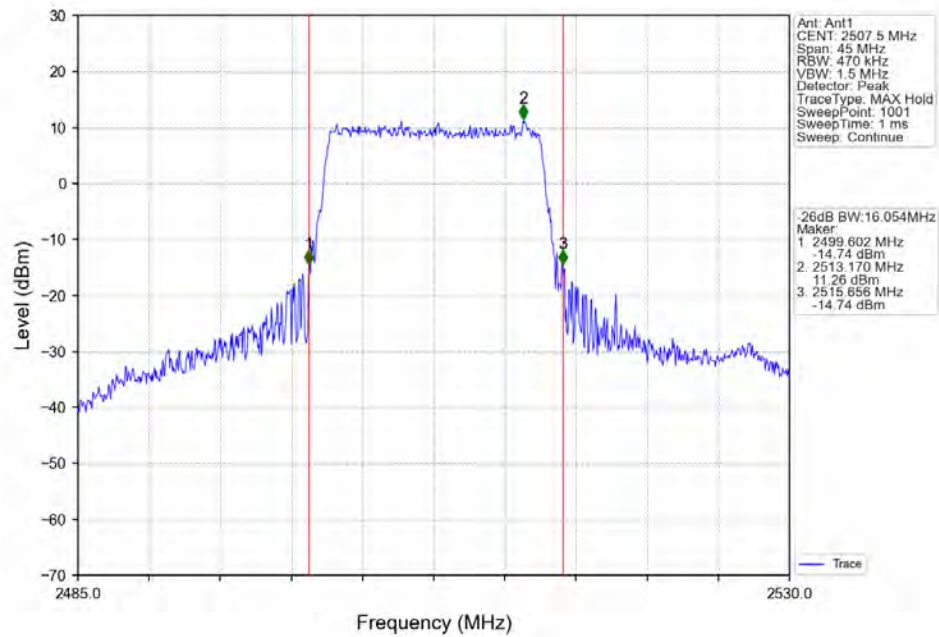
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



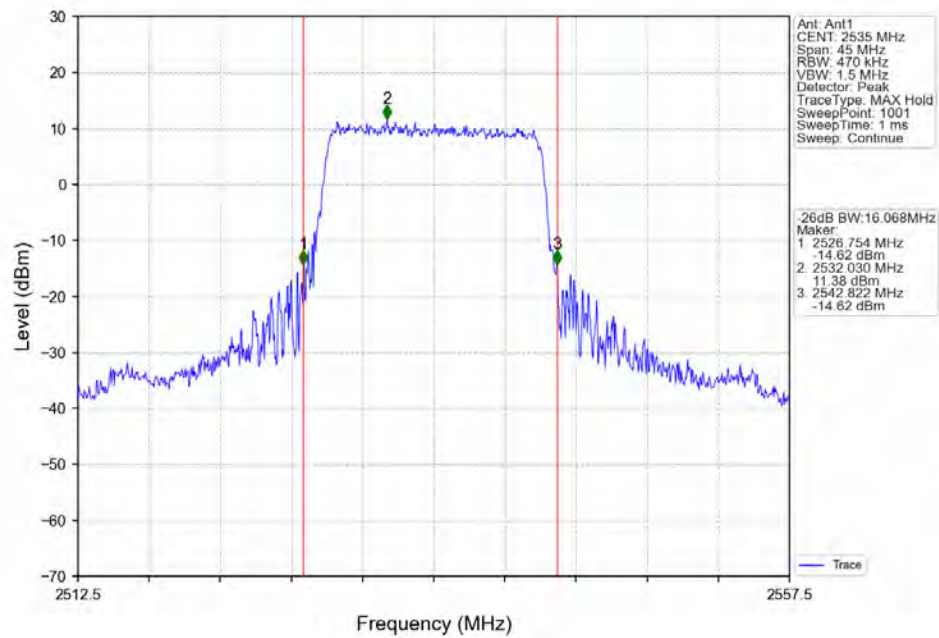
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



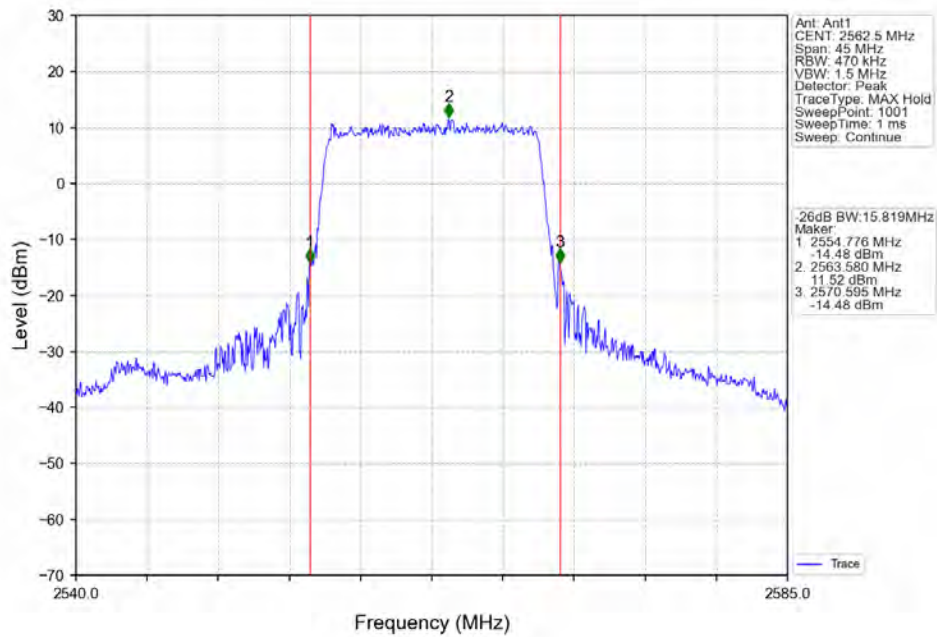
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



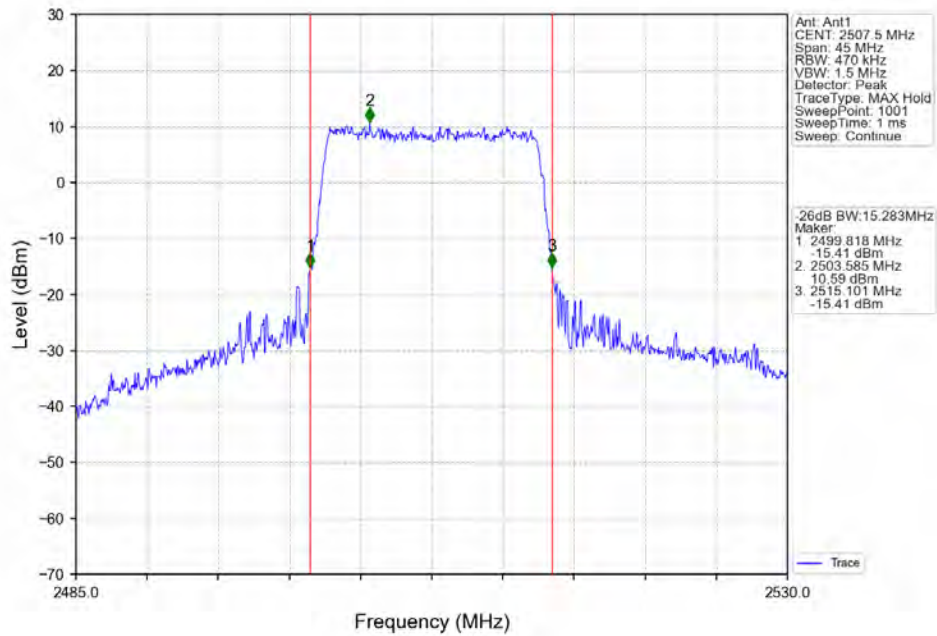
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



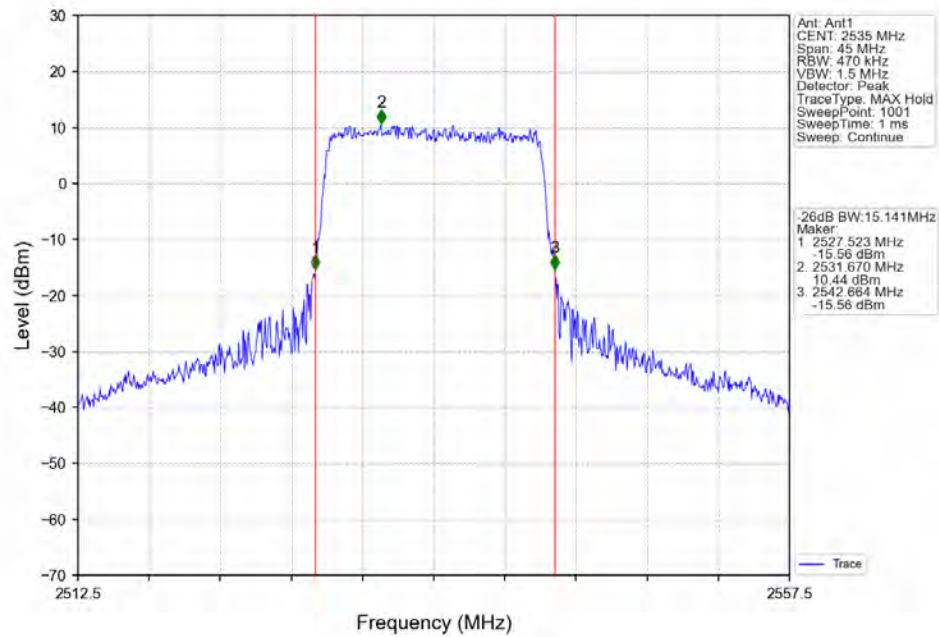
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



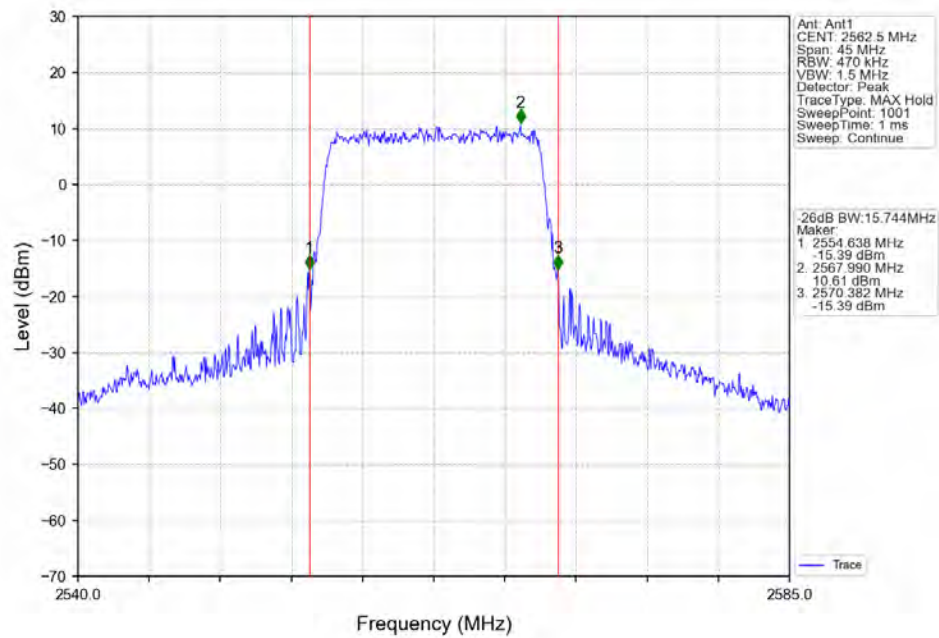
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



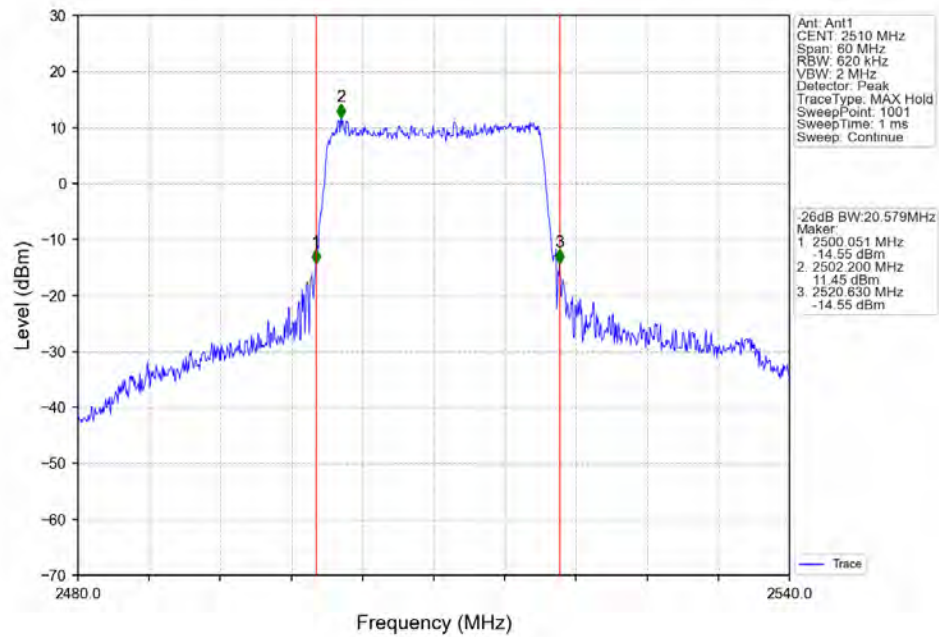
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



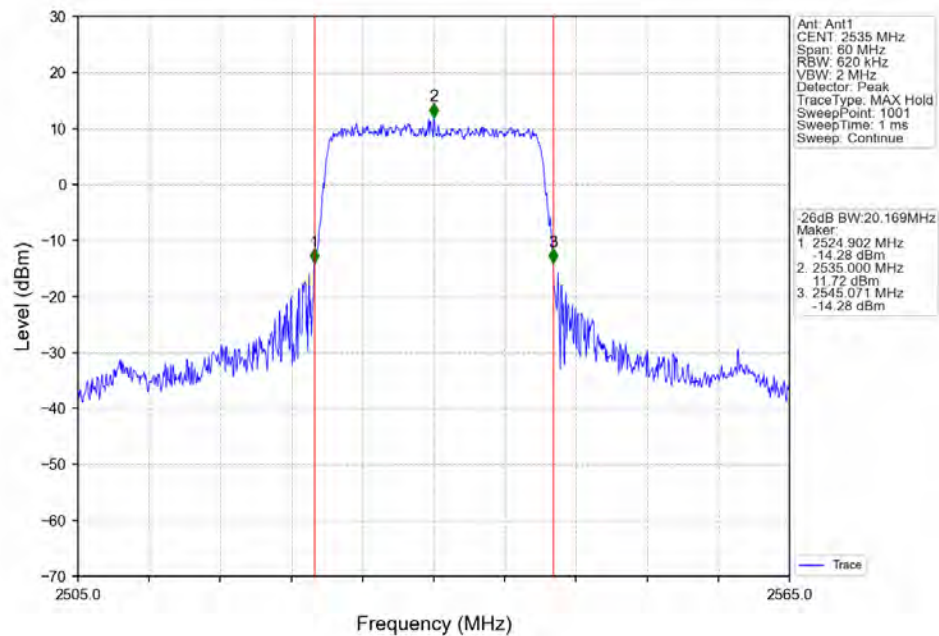
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



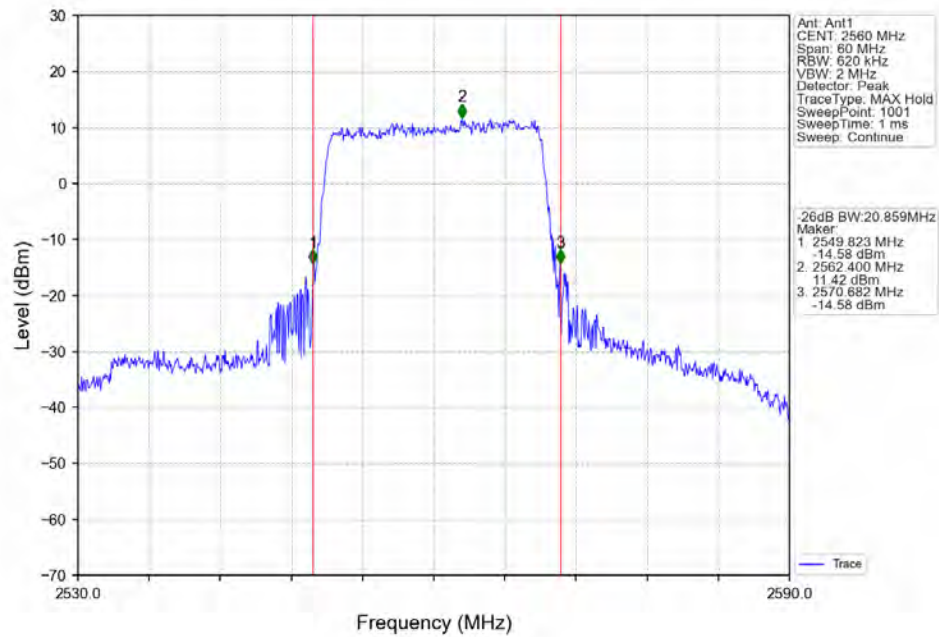
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



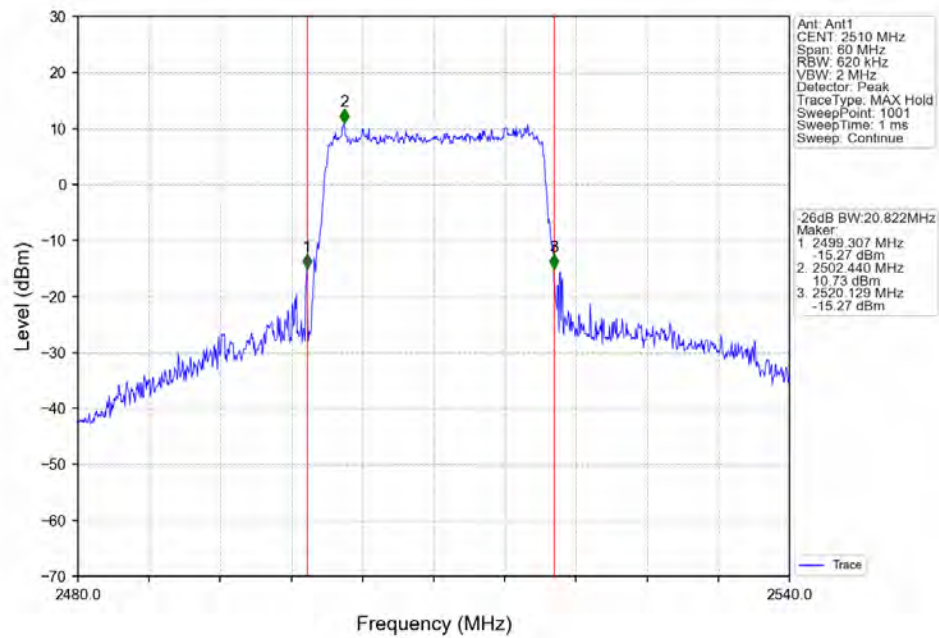
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



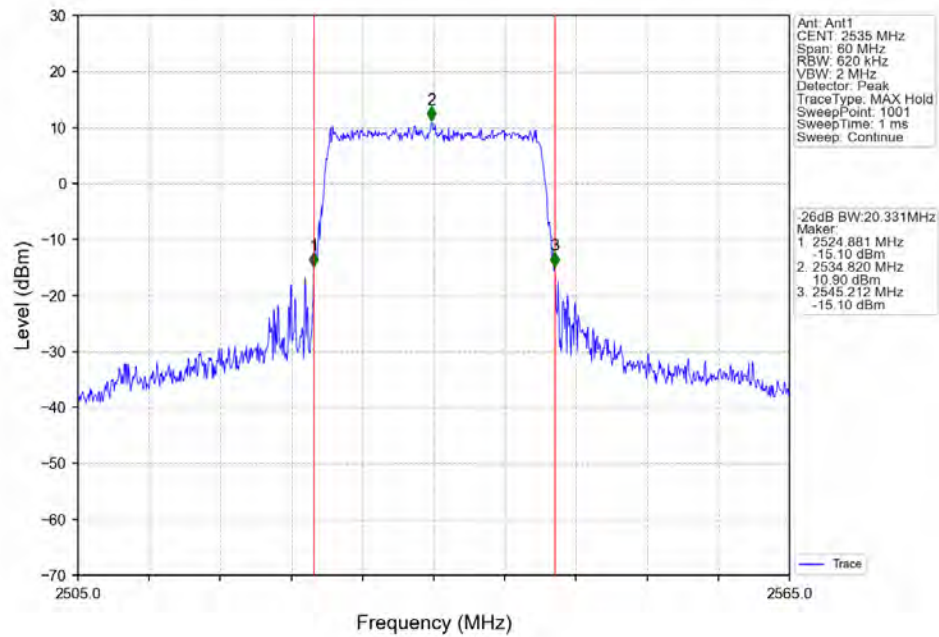
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



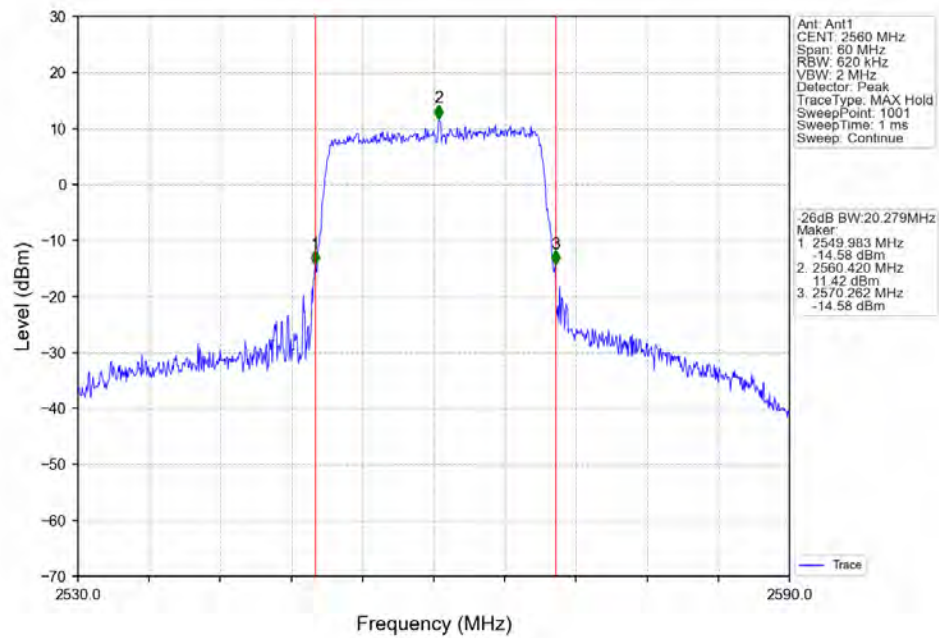
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



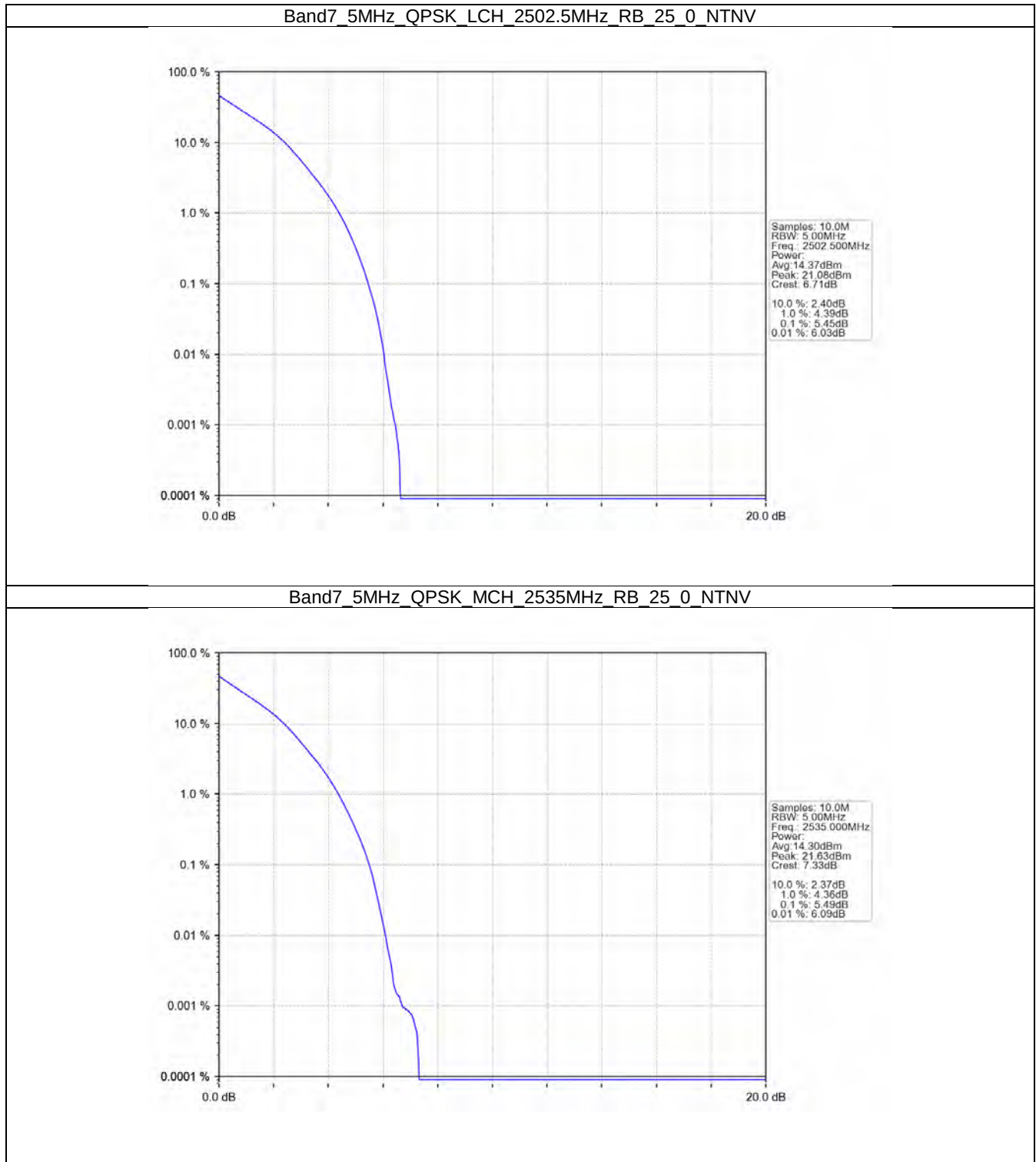
5. Peak-Average Ratio

5.1 B7_5MHz

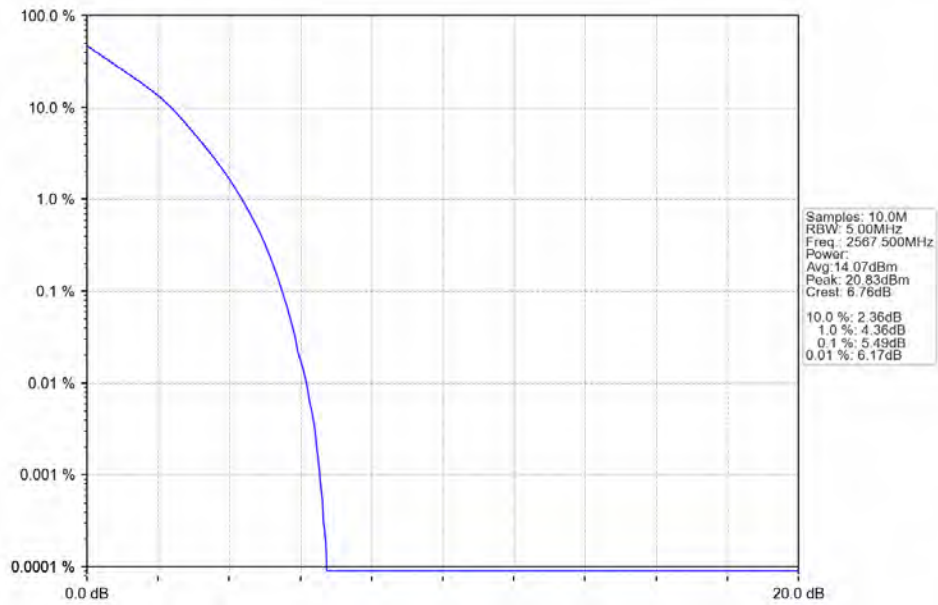
5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.45	<=13	Pass
	2535	25	0	5.49	<=13	Pass
	2567.5	25	0	5.49	<=13	Pass
16QAM	2502.5	25	0	6.20	<=13	Pass
	2535	25	0	6.16	<=13	Pass
	2567.5	25	0	6.14	<=13	Pass

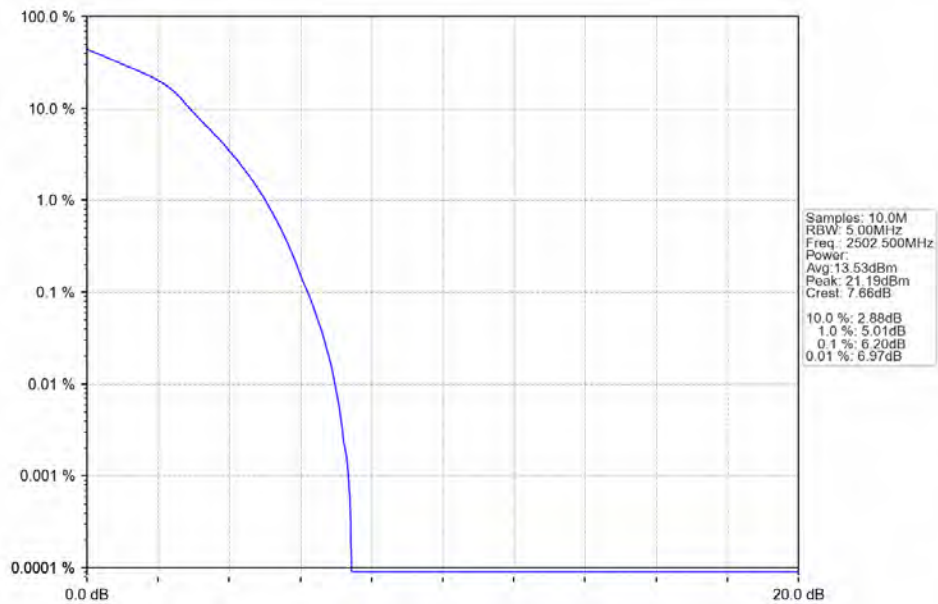
5.1.2 Test Graph



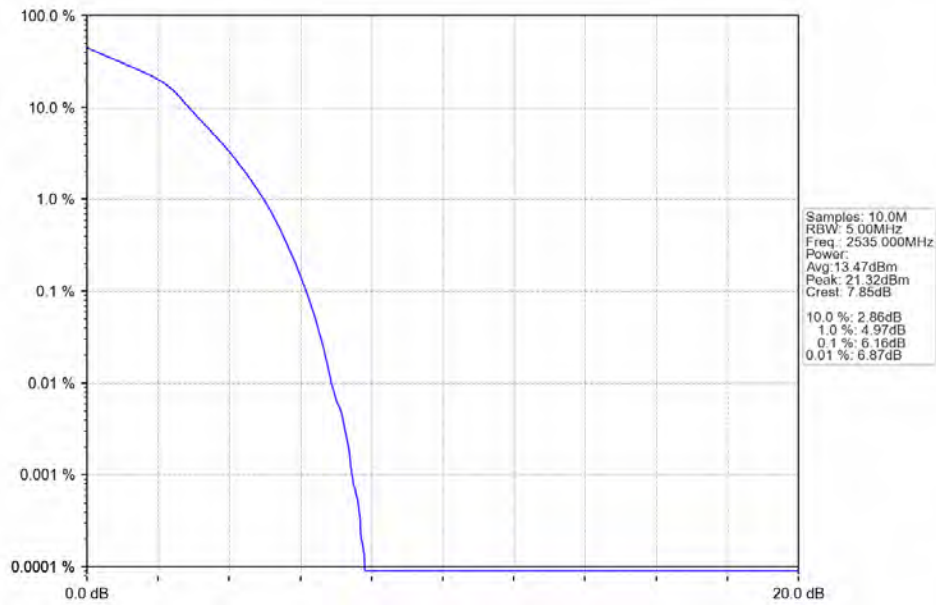
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



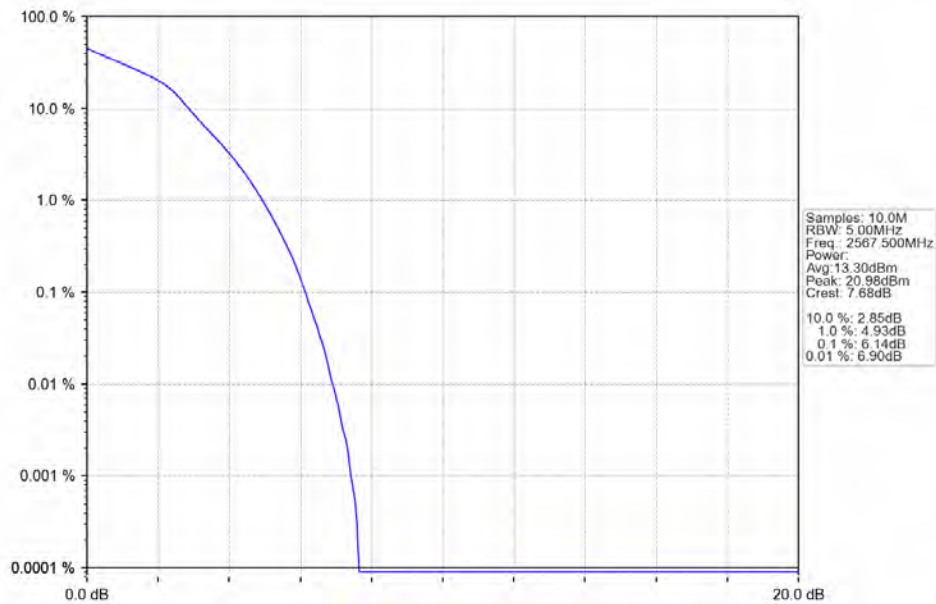
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV

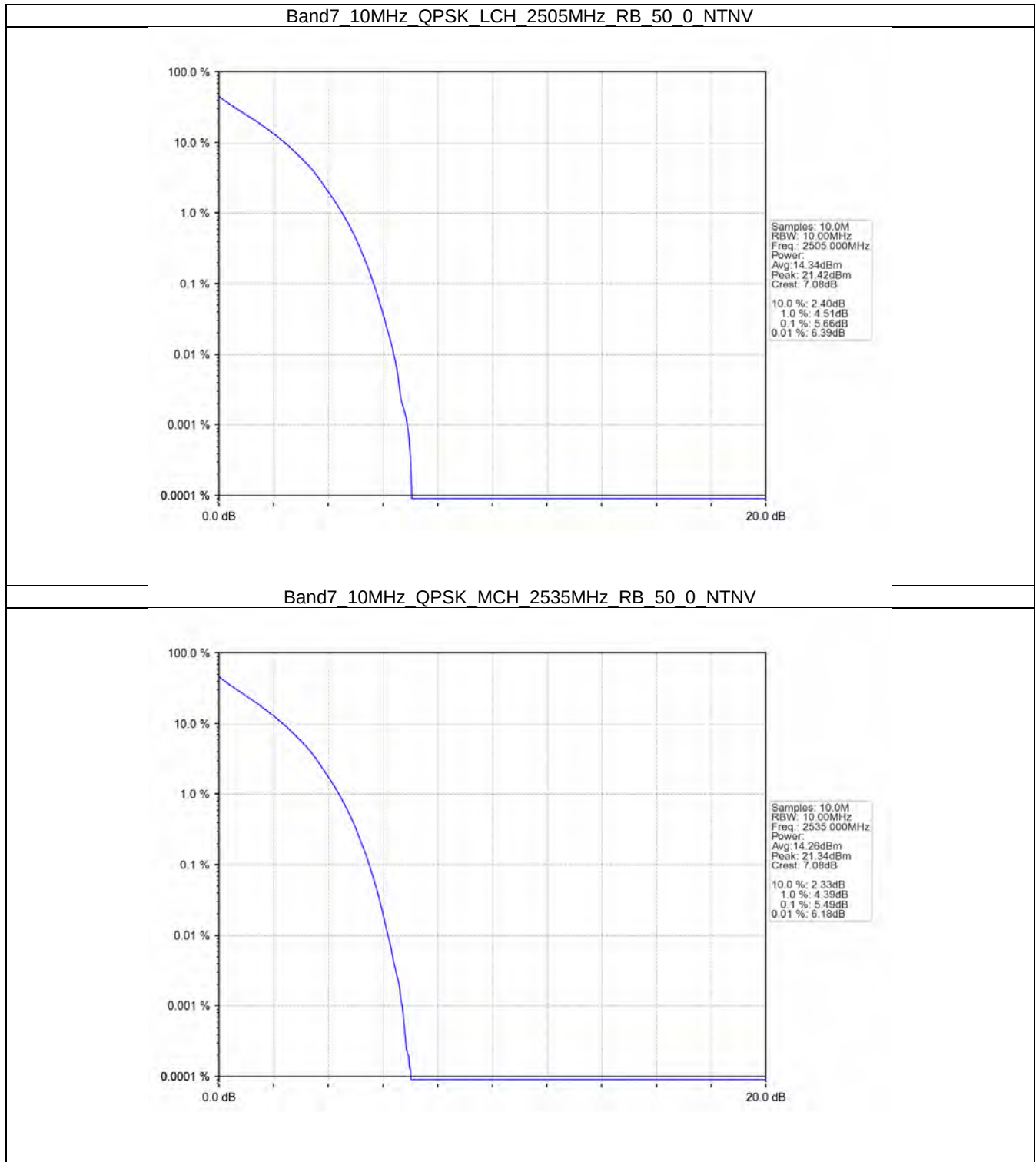


5.2 B7_10MHz

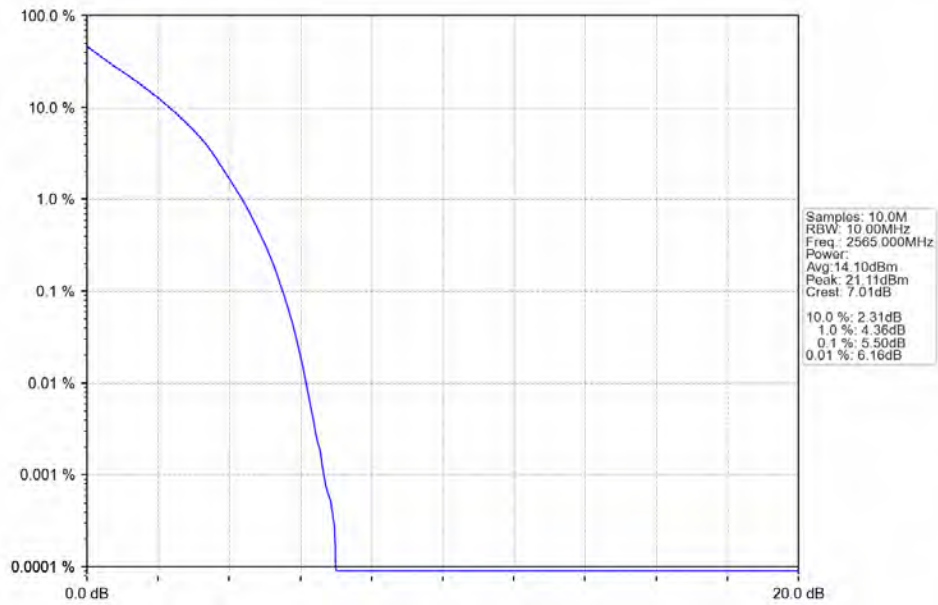
5.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.66	<=13	Pass
	2535	50	0	5.49	<=13	Pass
	2565	50	0	5.50	<=13	Pass
16QAM	2505	50	0	6.33	<=13	Pass
	2535	50	0	6.20	<=13	Pass
	2565	50	0	6.25	<=13	Pass

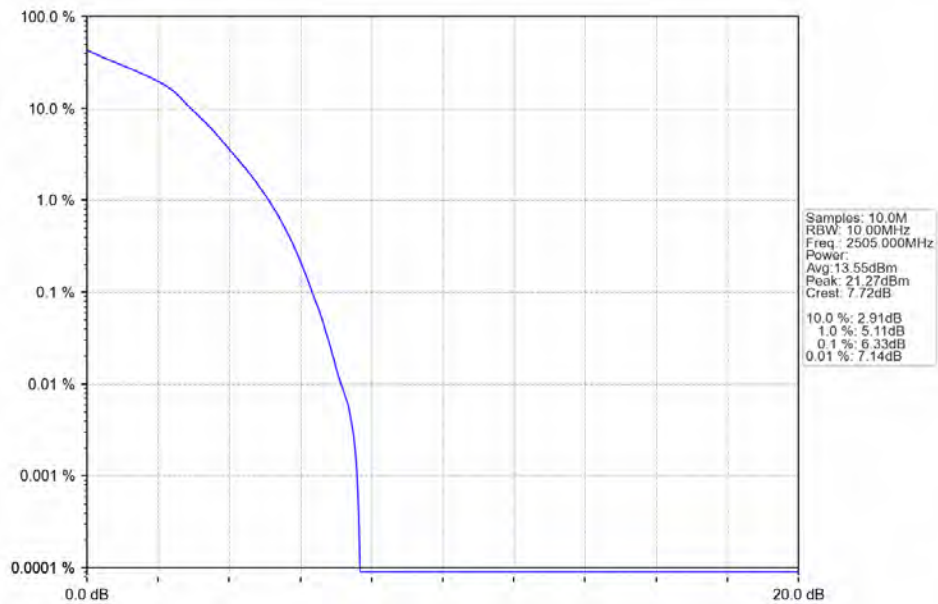
5.2.2 Test Graph



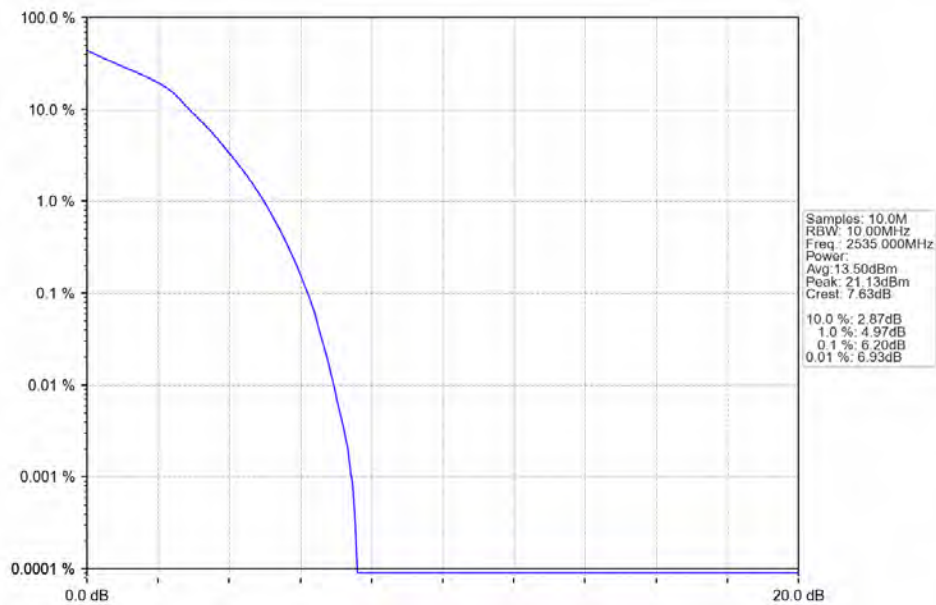
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



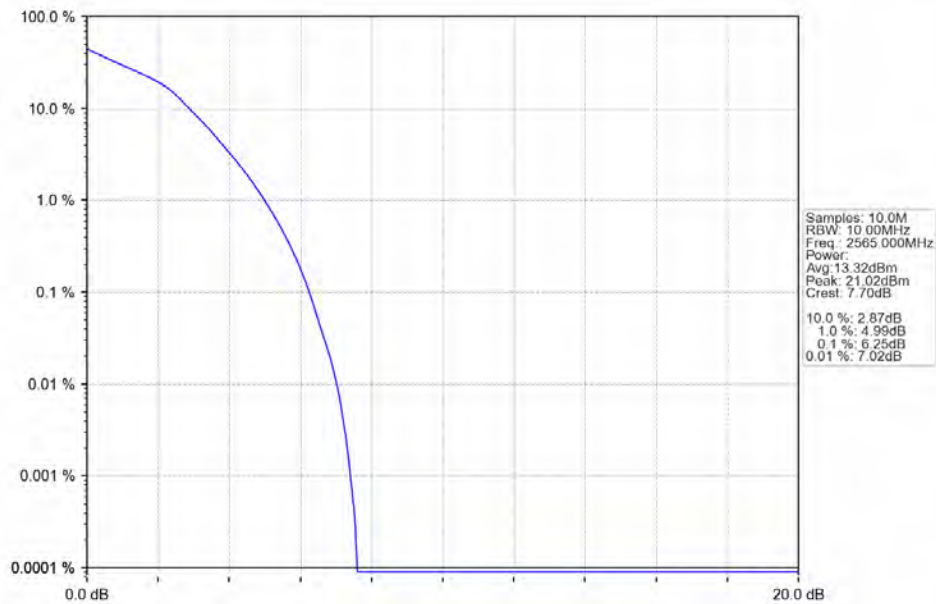
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

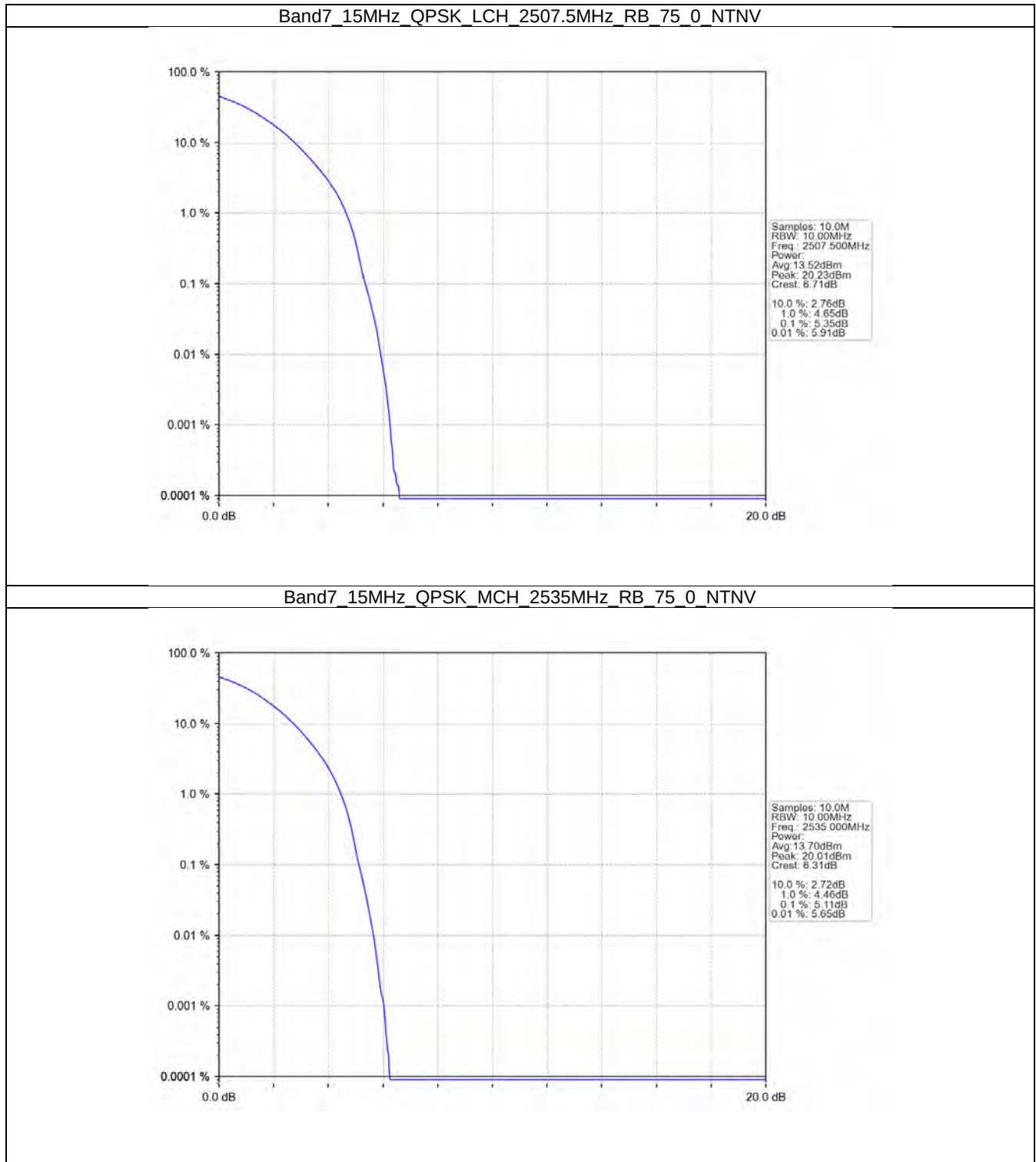


5.3 B7_15MHz

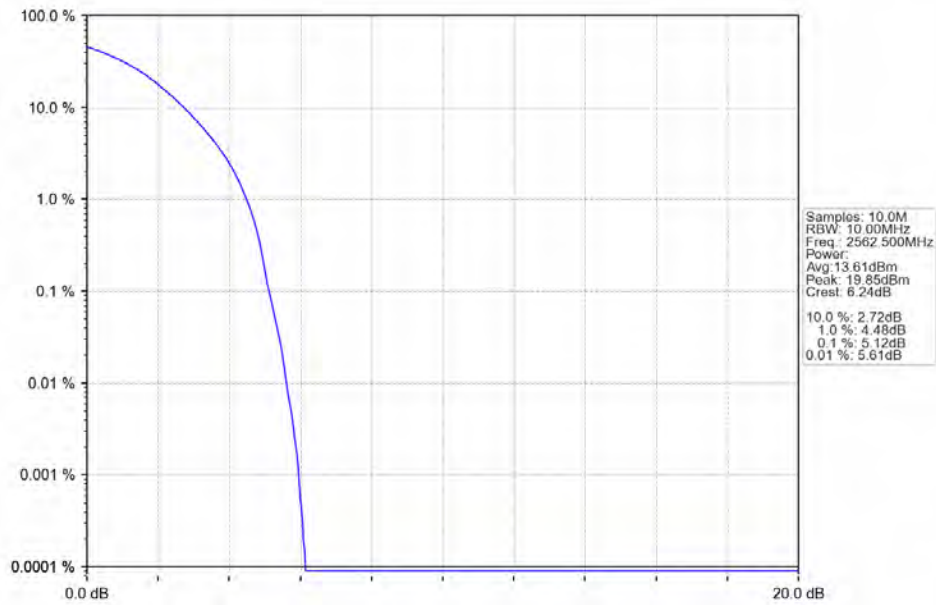
5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.35	<=13	Pass
	2535	75	0	5.11	<=13	Pass
	2562.5	75	0	5.12	<=13	Pass
16QAM	2507.5	75	0	6.29	<=13	Pass
	2535	75	0	6.15	<=13	Pass
	2562.5	75	0	6.19	<=13	Pass

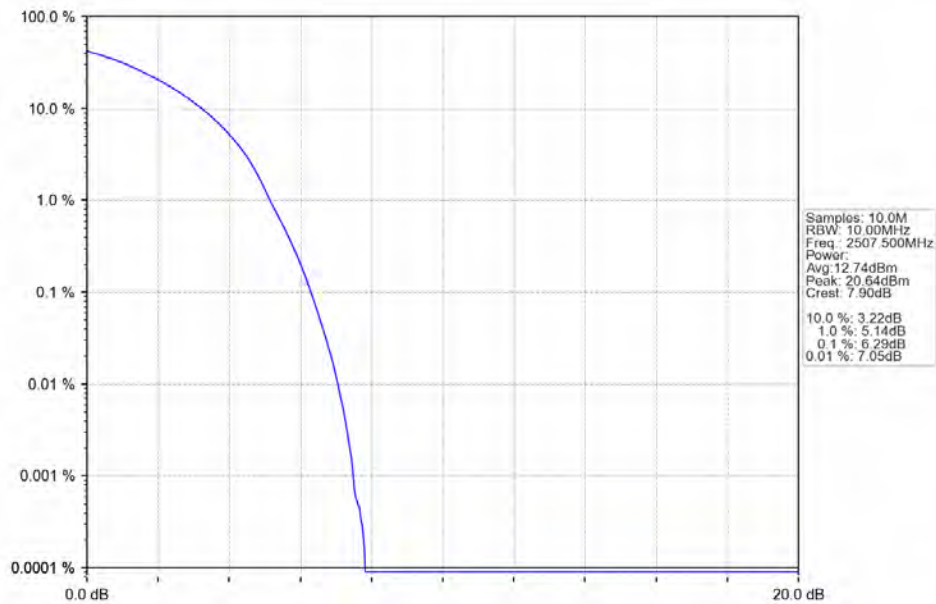
5.3.2 Test Graph



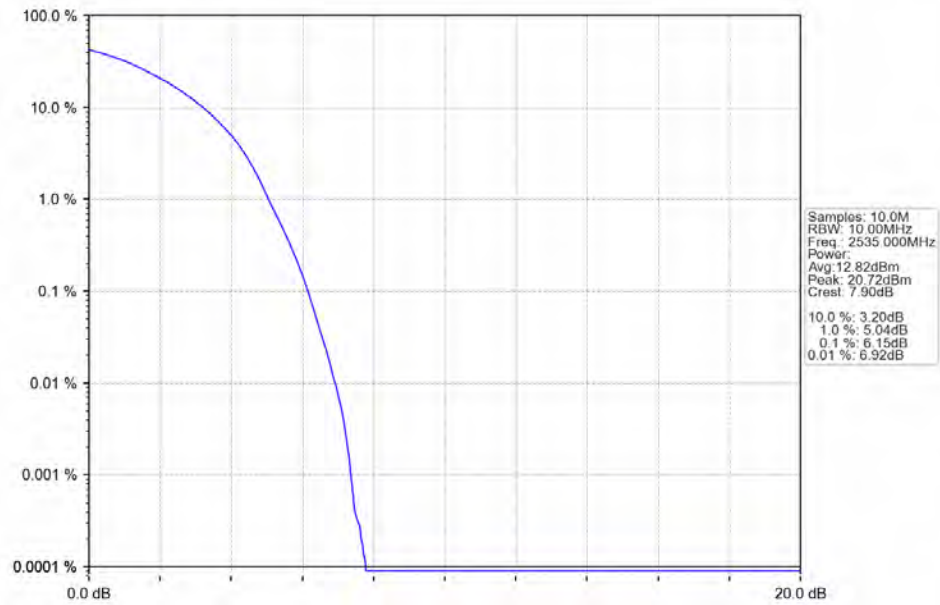
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



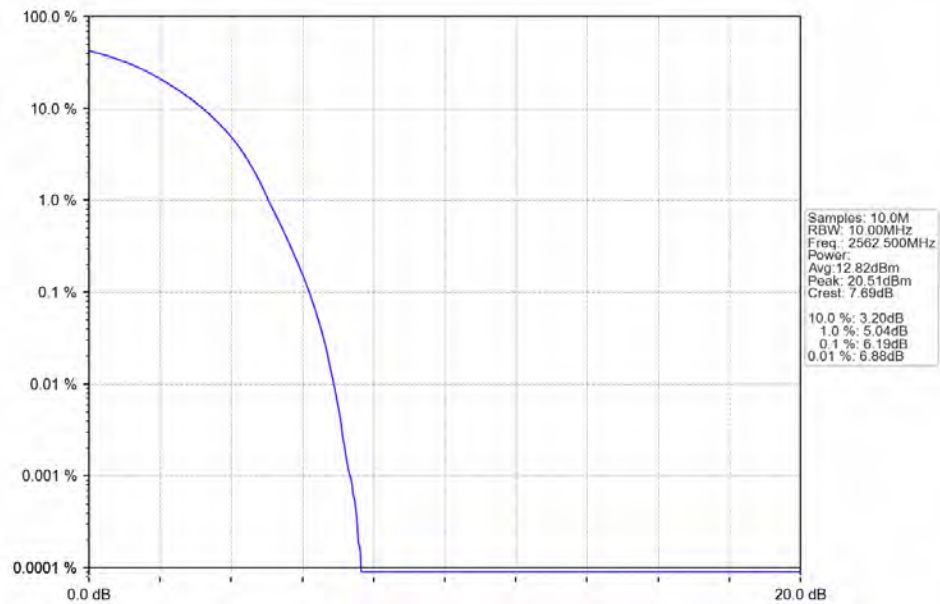
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV

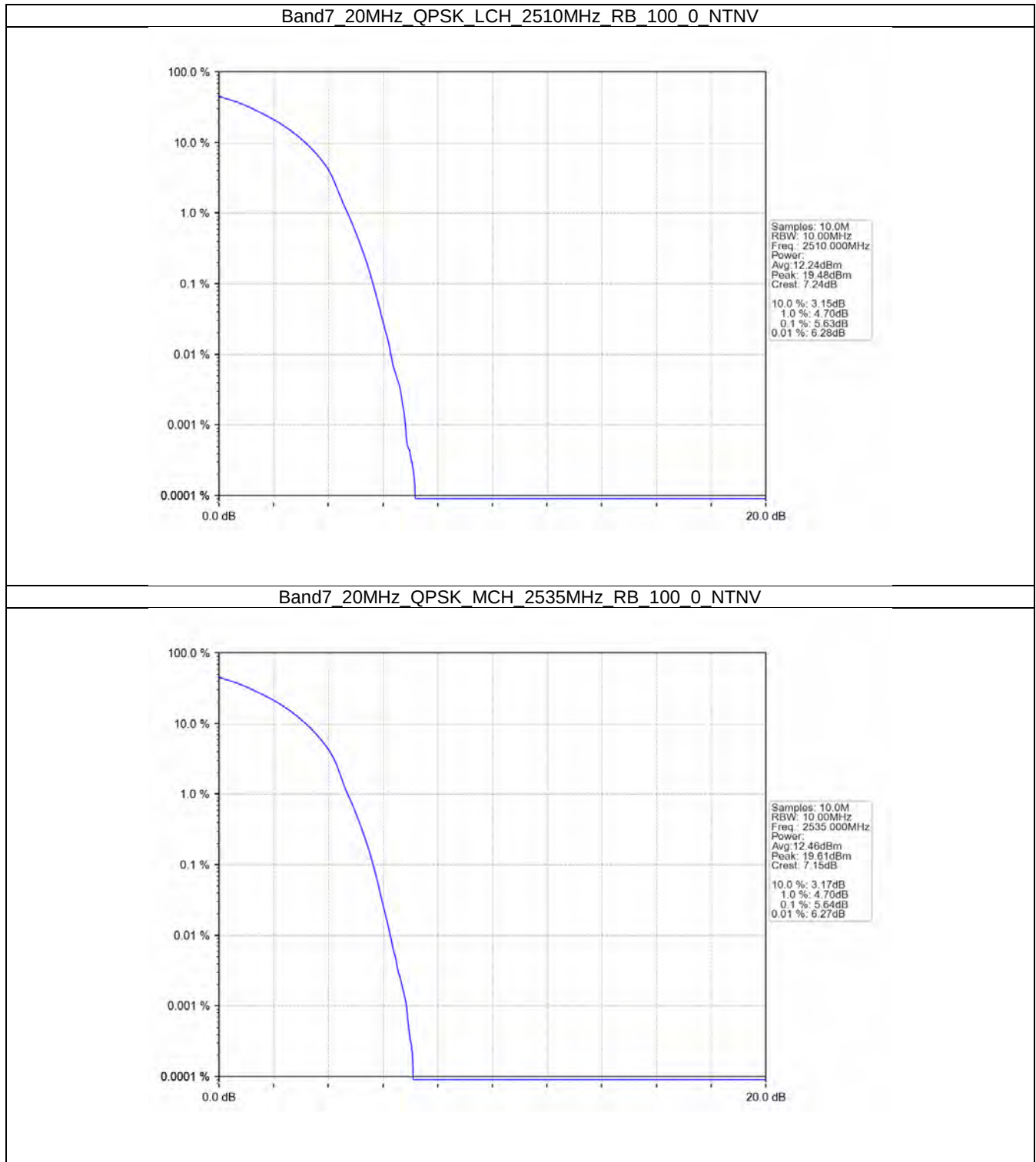


5.4 B7_20MHz

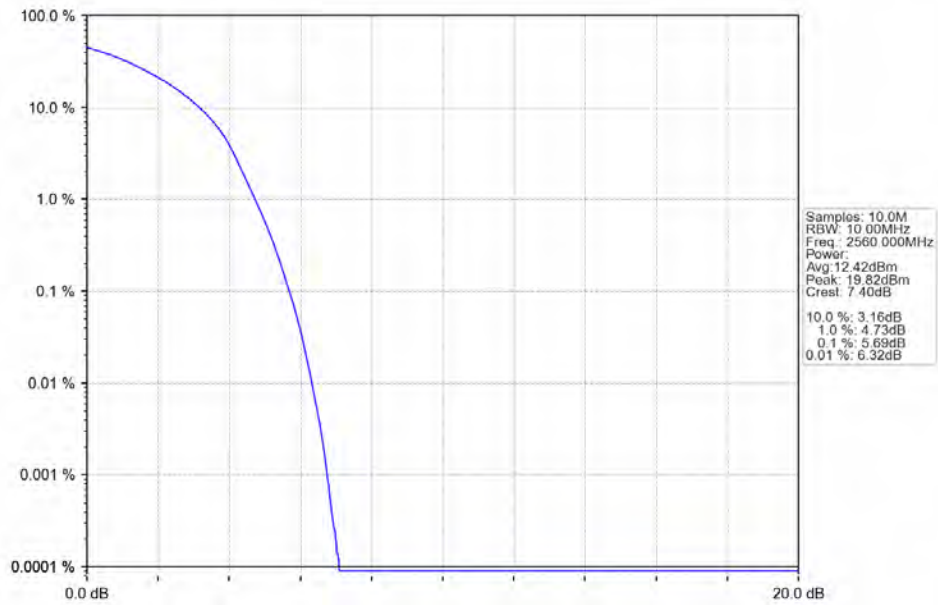
5.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.63	<=13	Pass
	2535	100	0	5.64	<=13	Pass
	2560	100	0	5.69	<=13	Pass
16QAM	2510	100	0	6.70	<=13	Pass
	2535	100	0	6.59	<=13	Pass
	2560	100	0	6.61	<=13	Pass

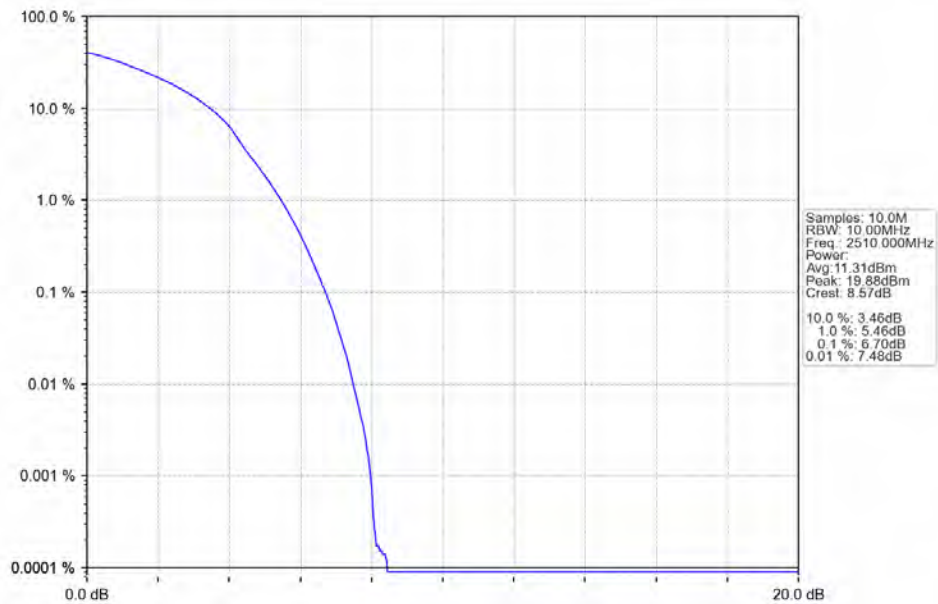
5.4.2 Test Graph



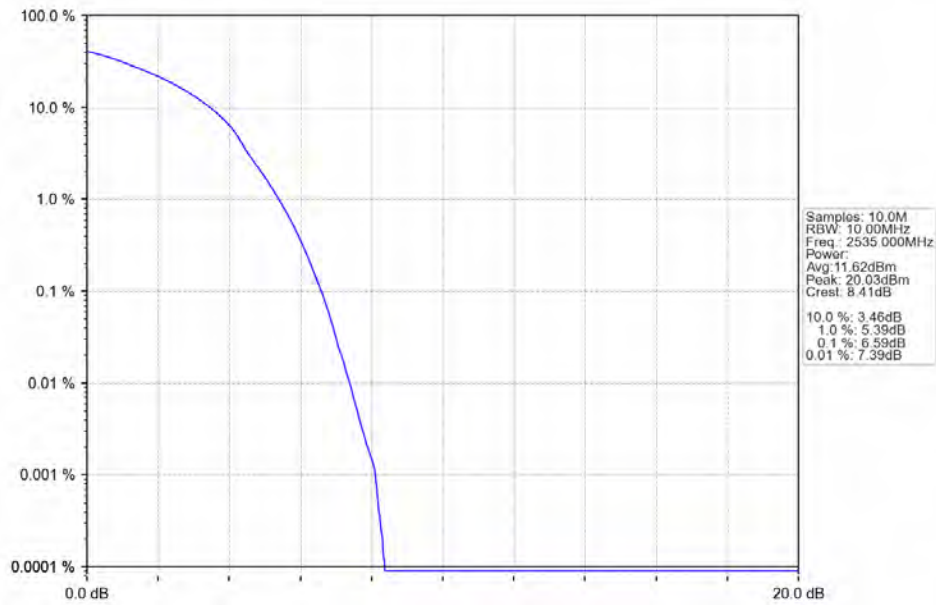
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



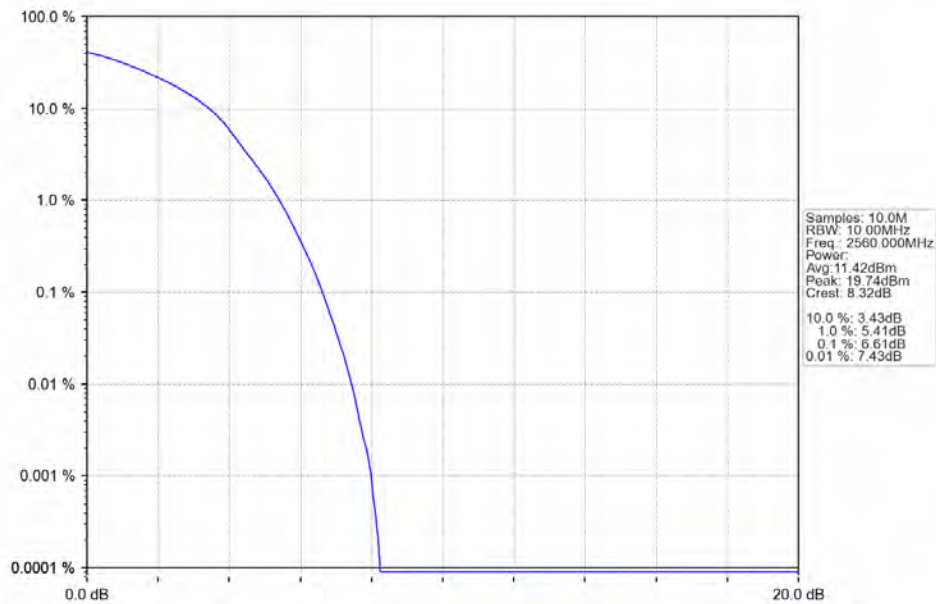
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



6. Spurious Emission

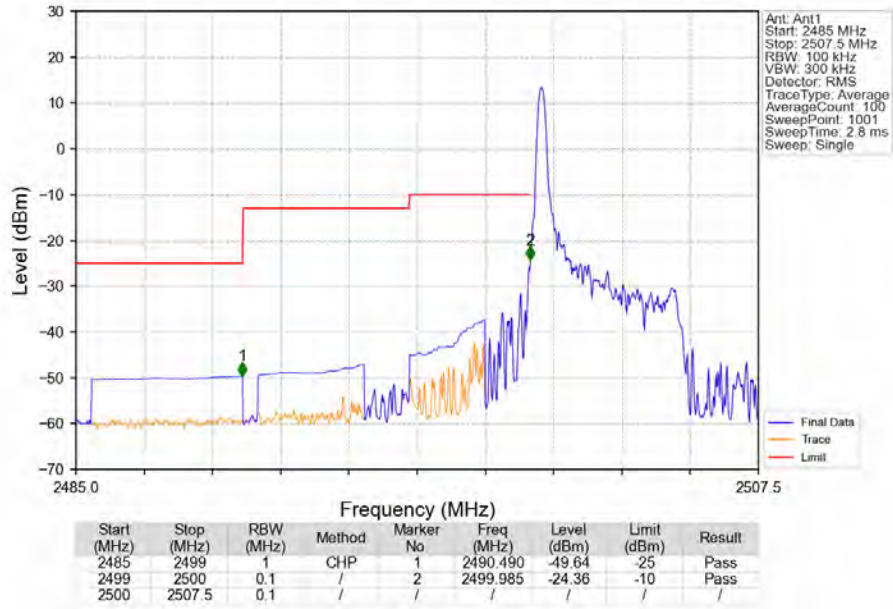
6.1 B7_5MHz

6.1.1 Test Result

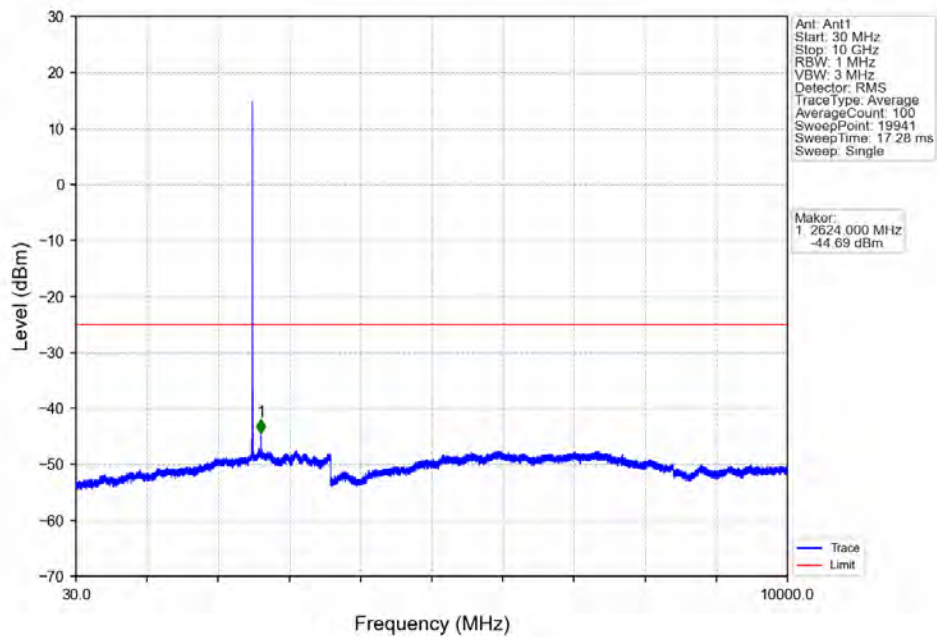
Band: 7 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2502.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25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

6.1.2 Test Graph

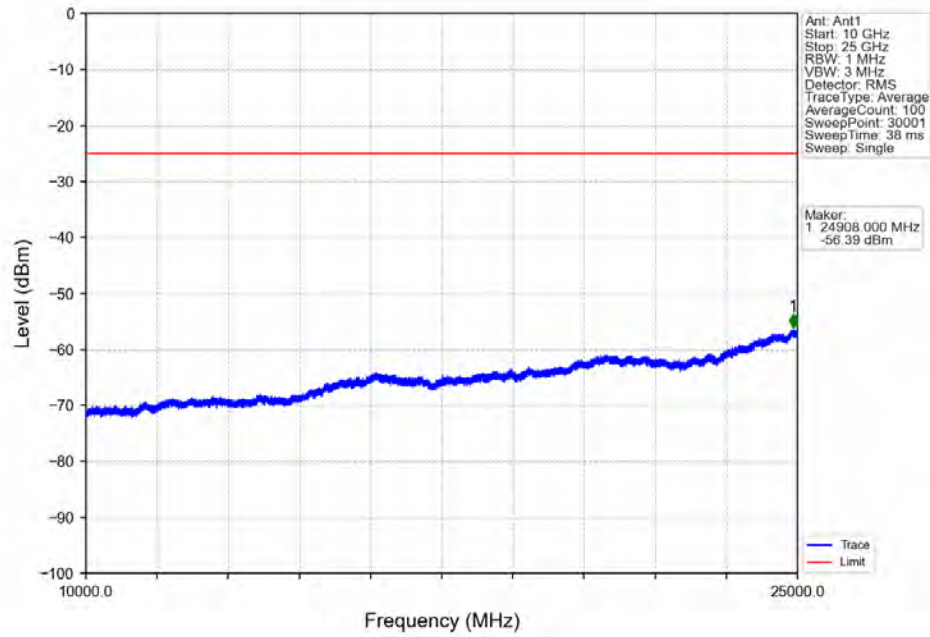
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



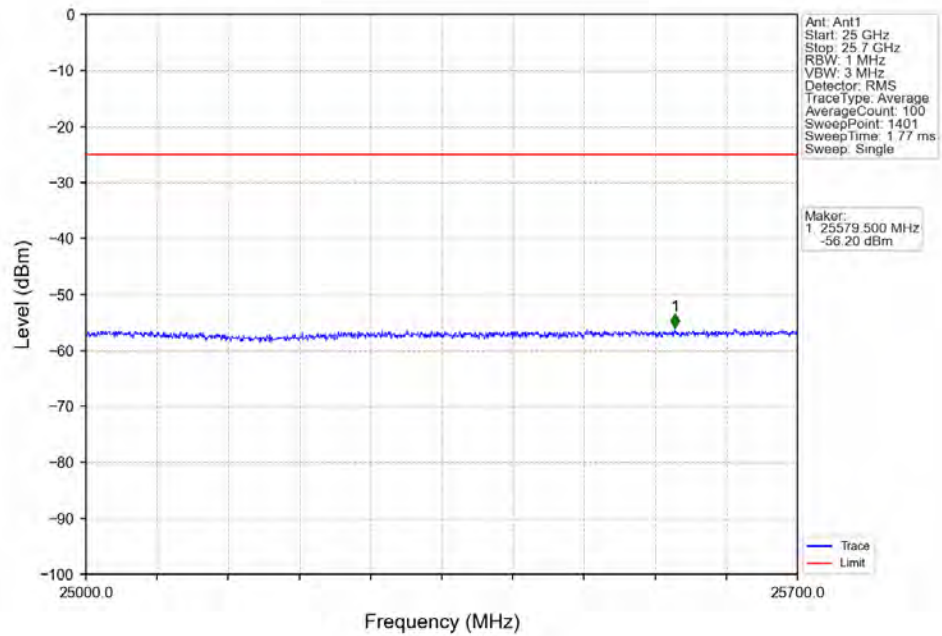
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



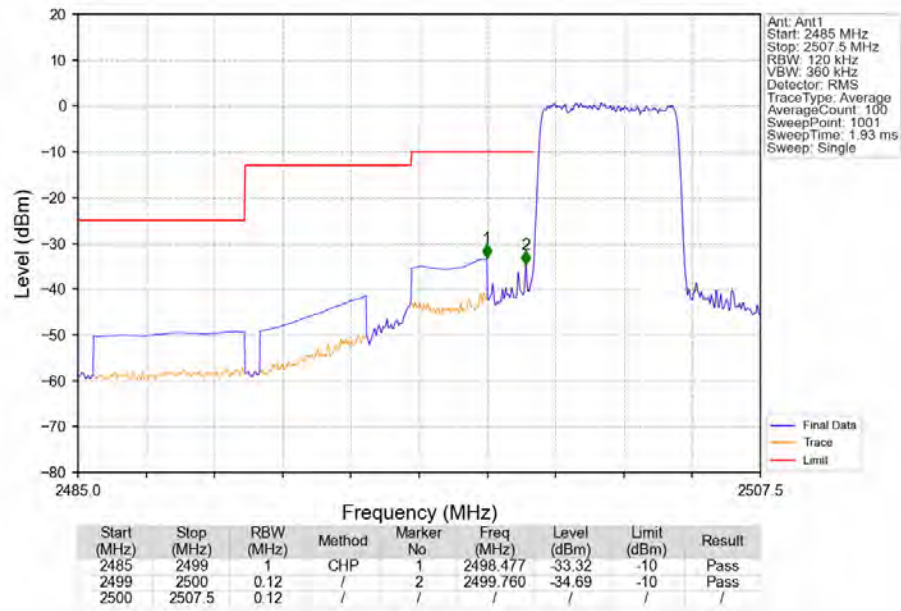
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



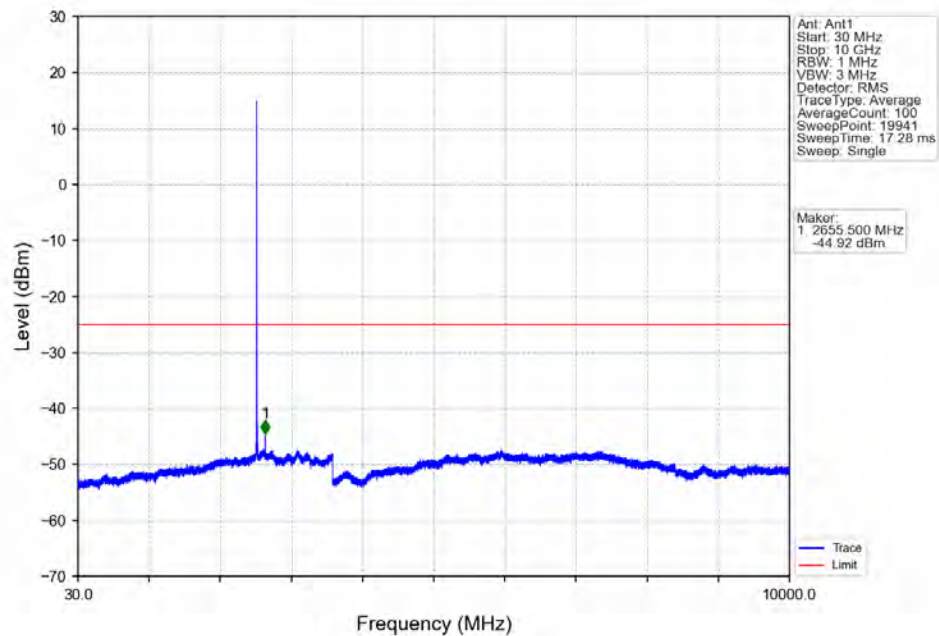
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



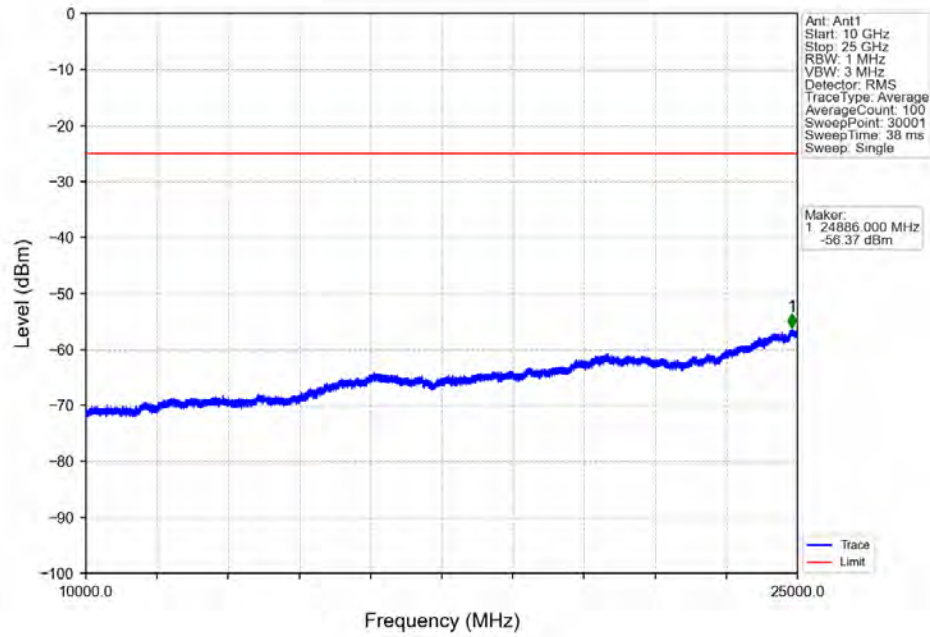
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



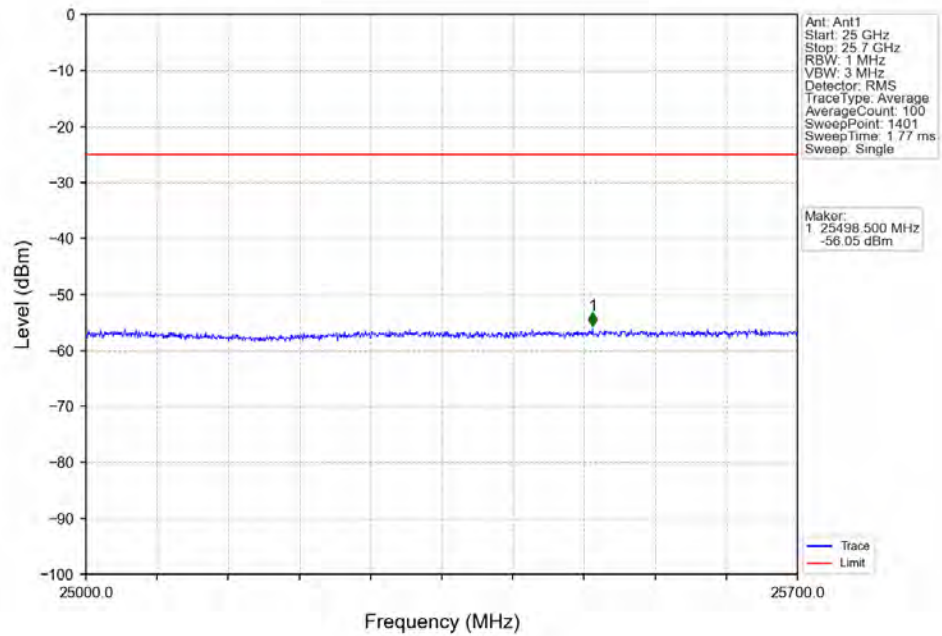
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



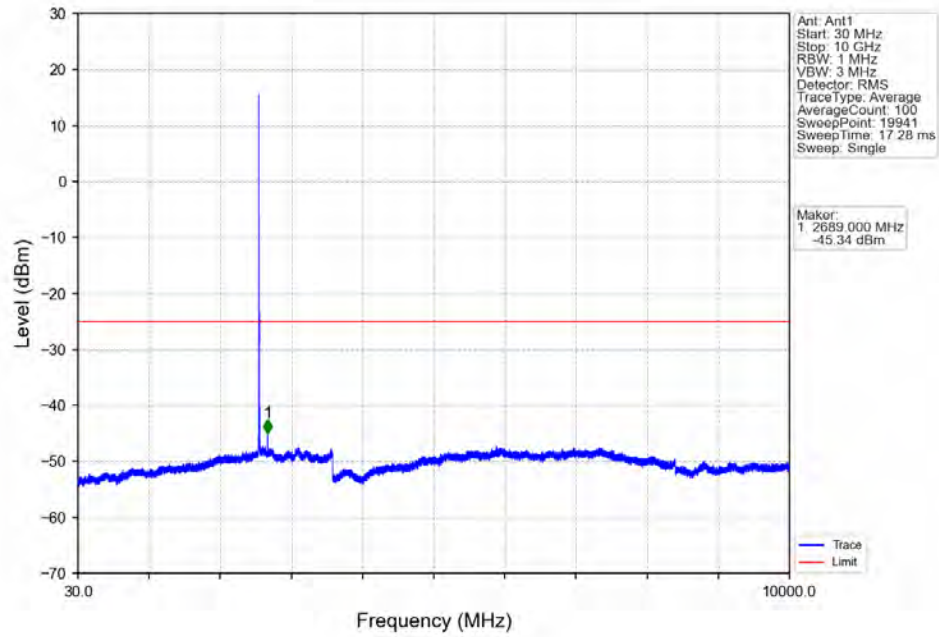
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



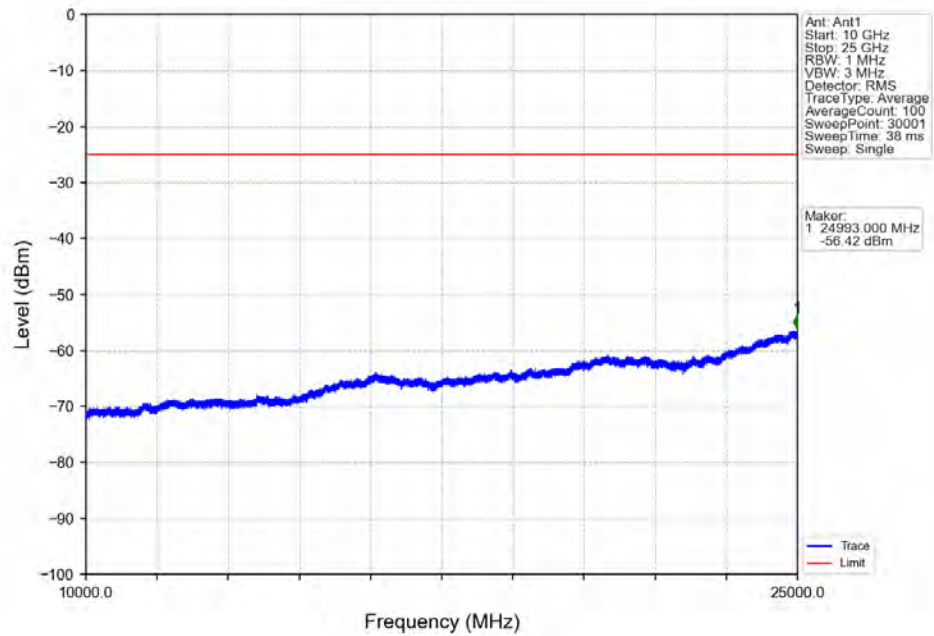
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



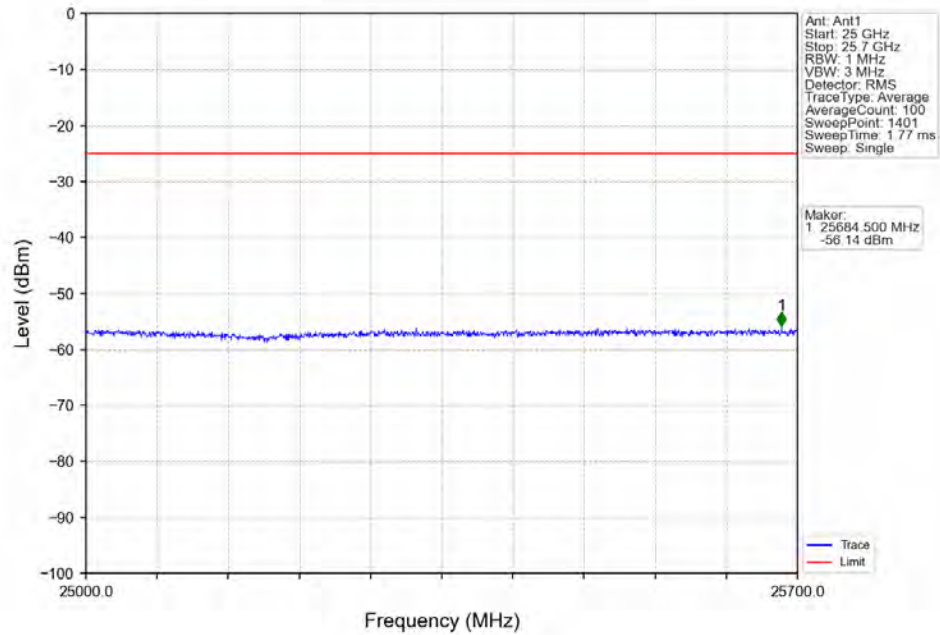
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



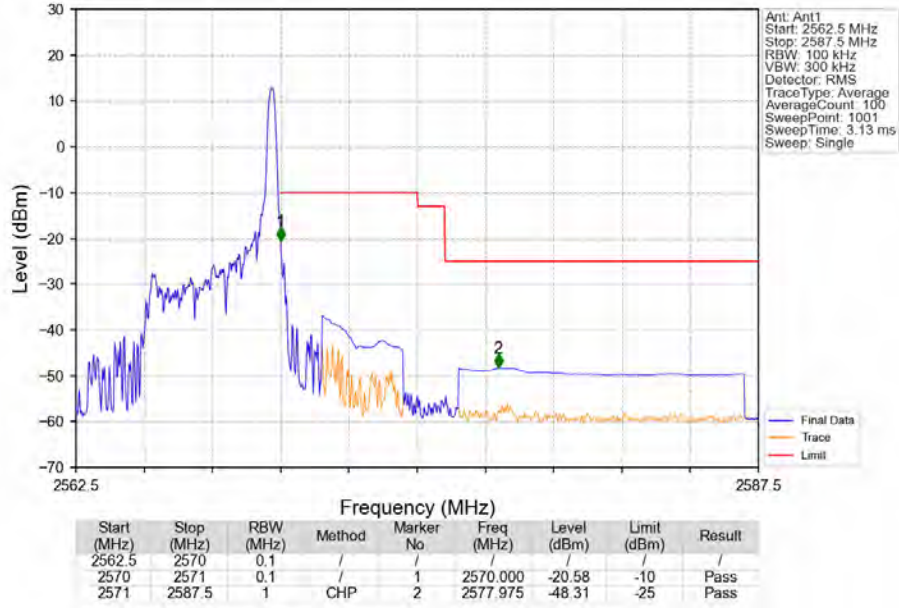
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



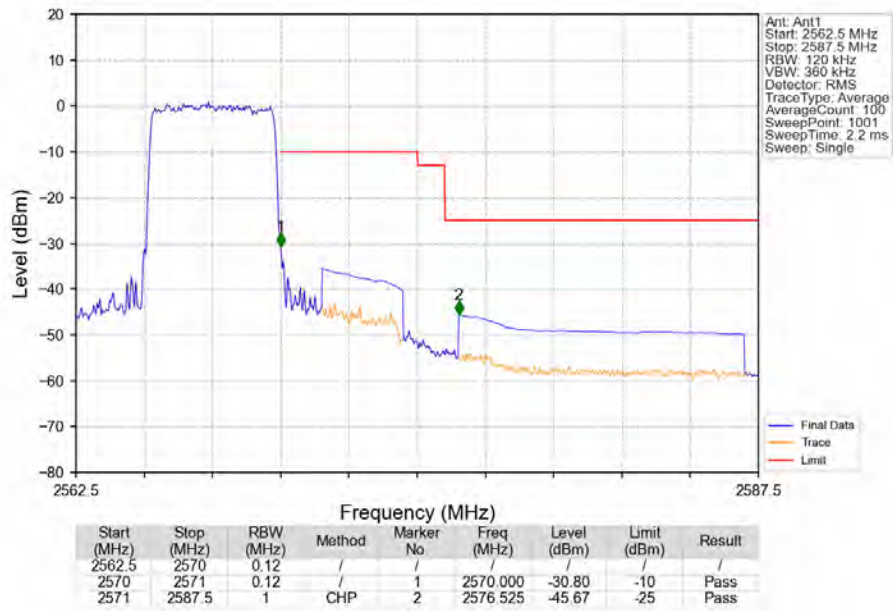
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



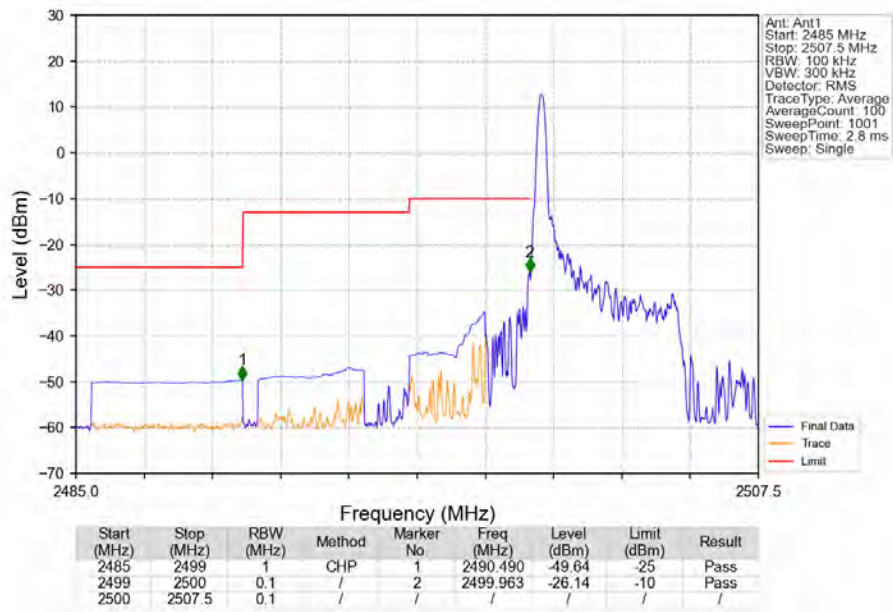
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



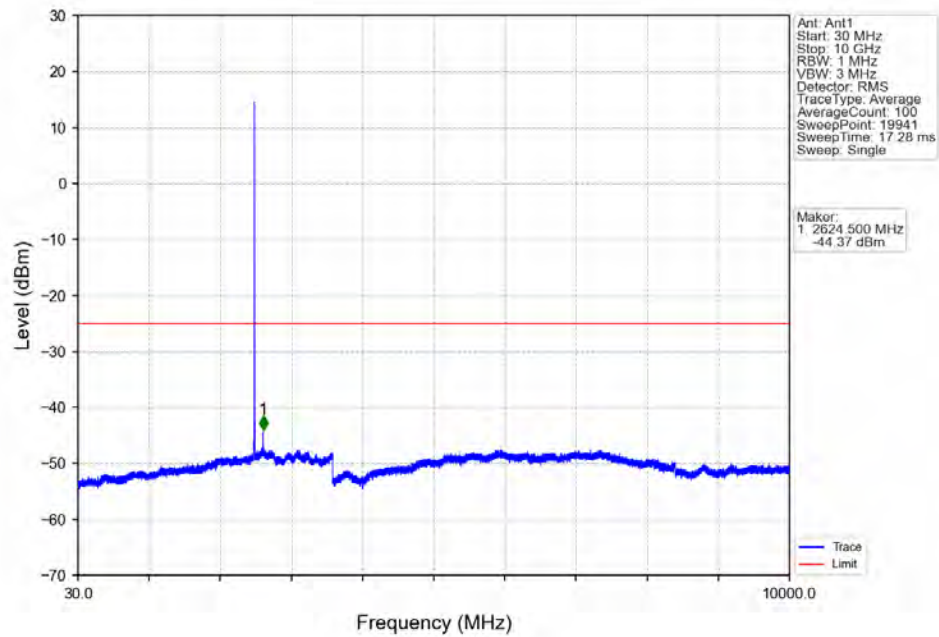
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



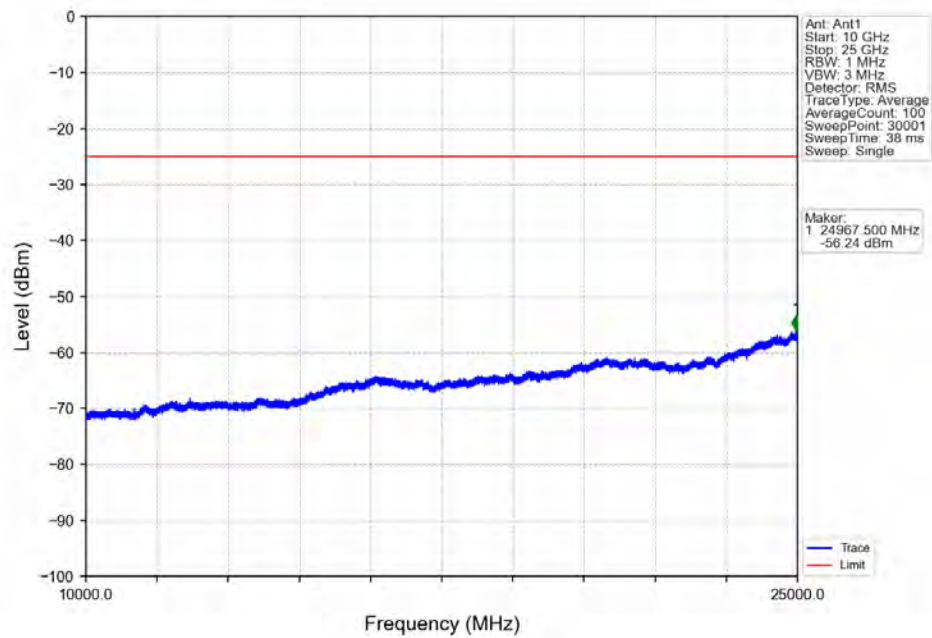
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



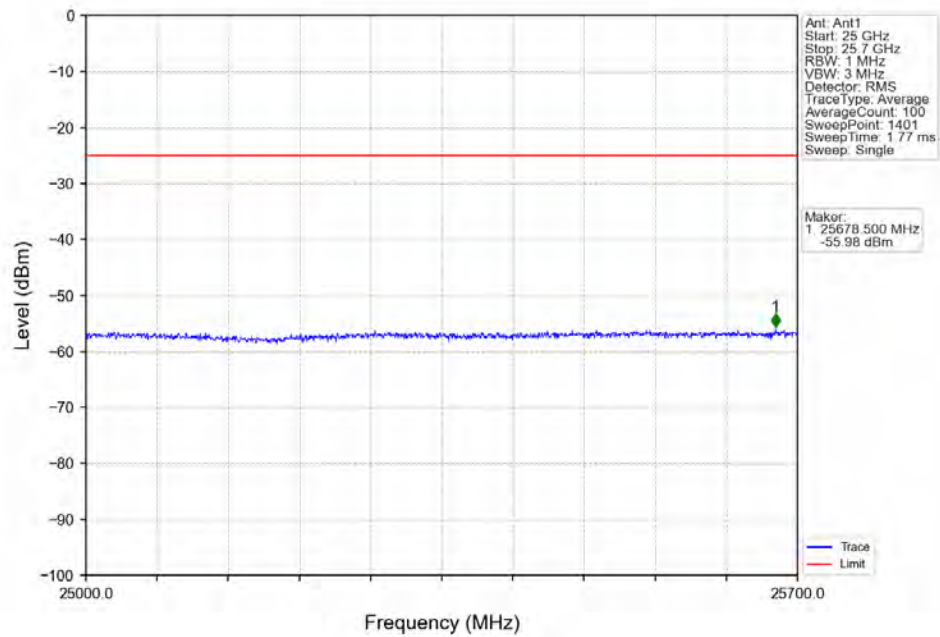
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



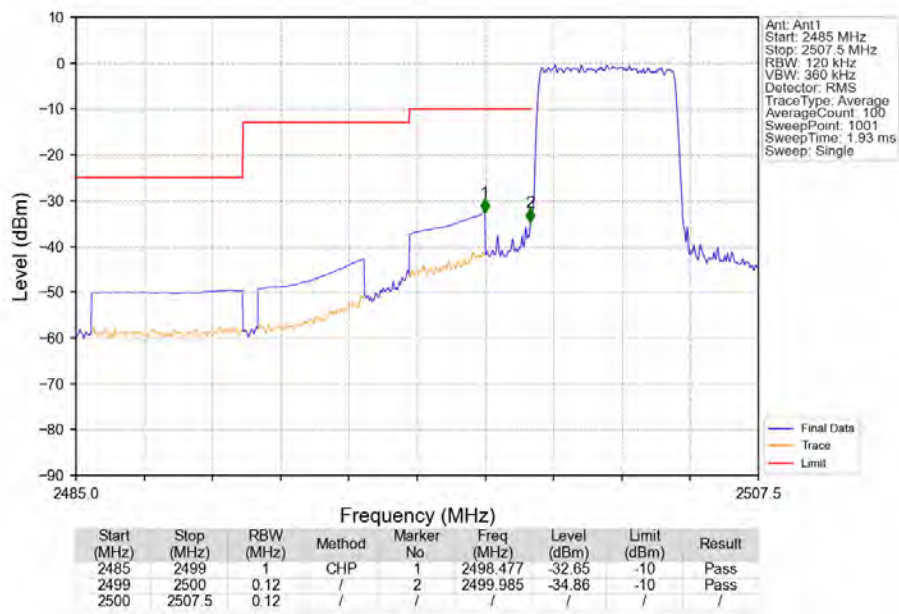
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



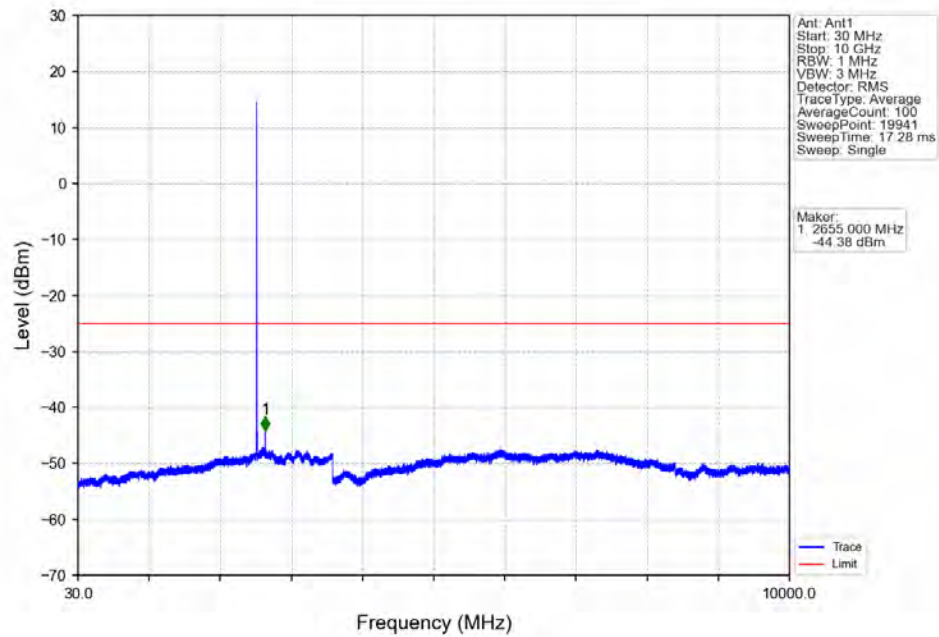
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_1_0_NTNV



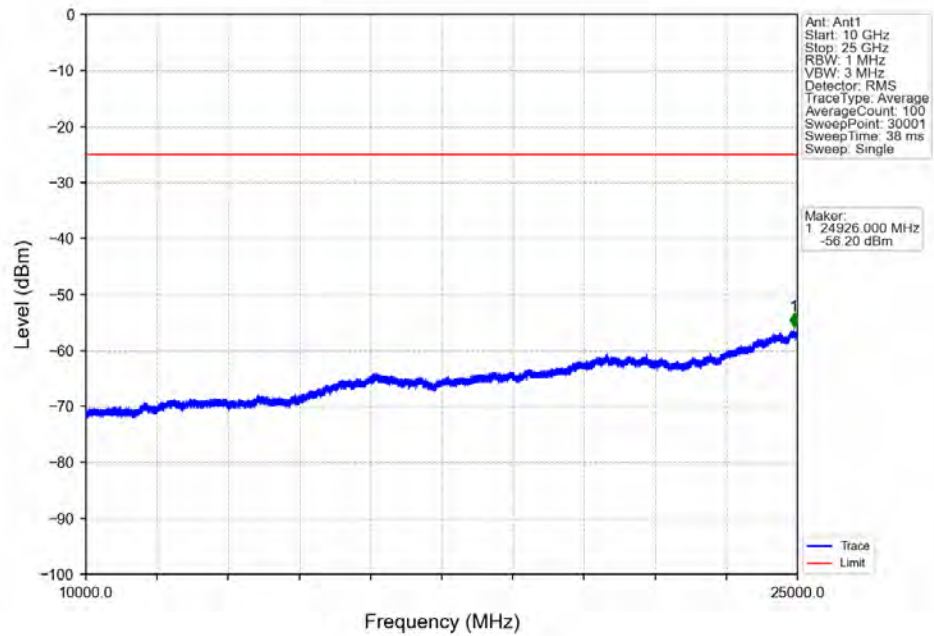
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



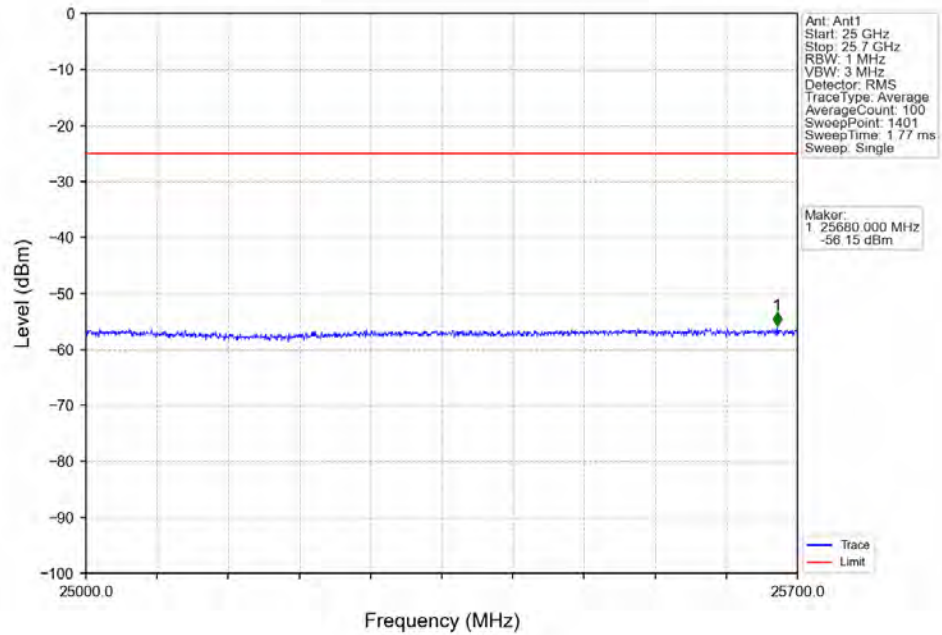
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



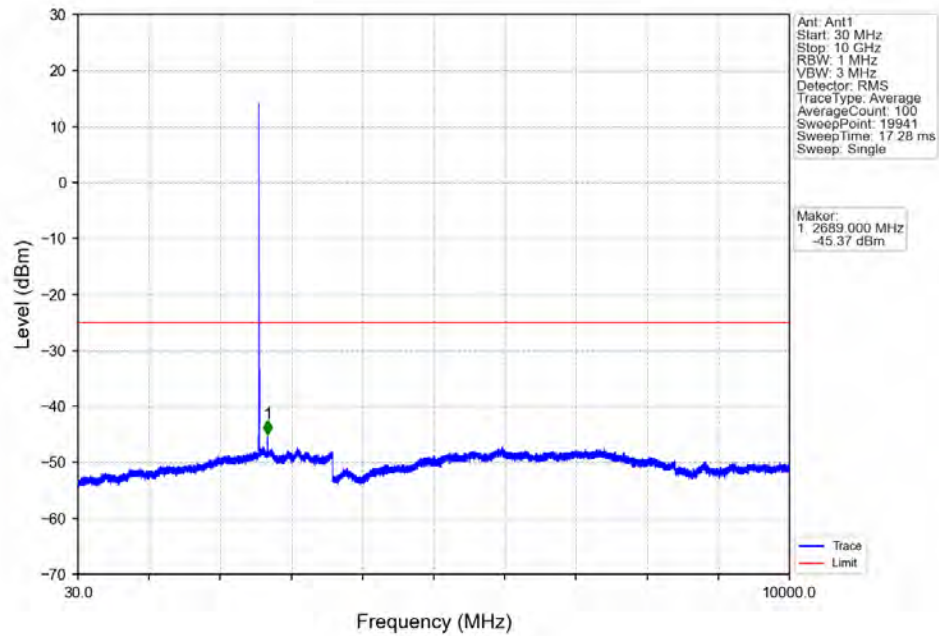
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



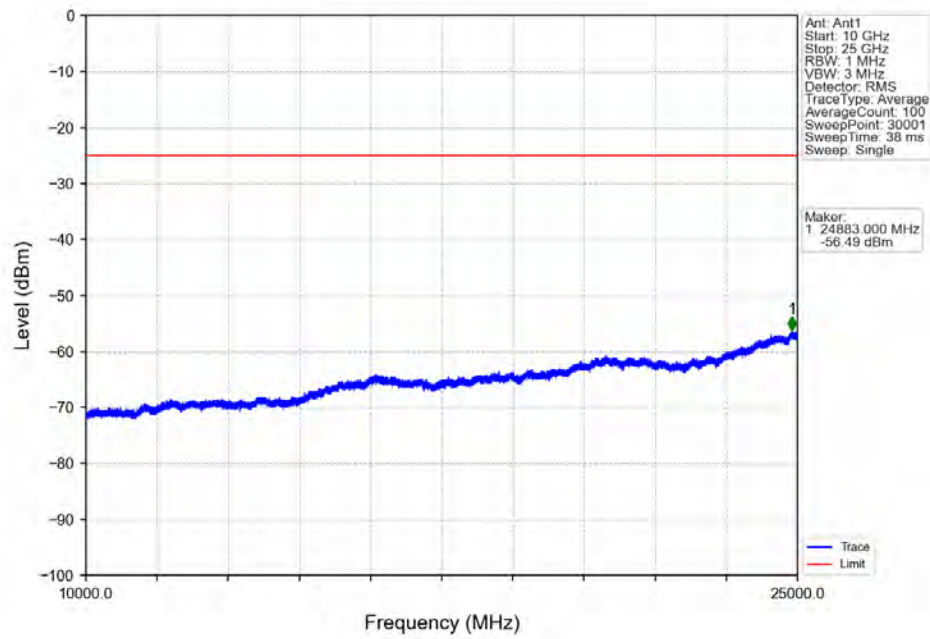
Band7_5MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



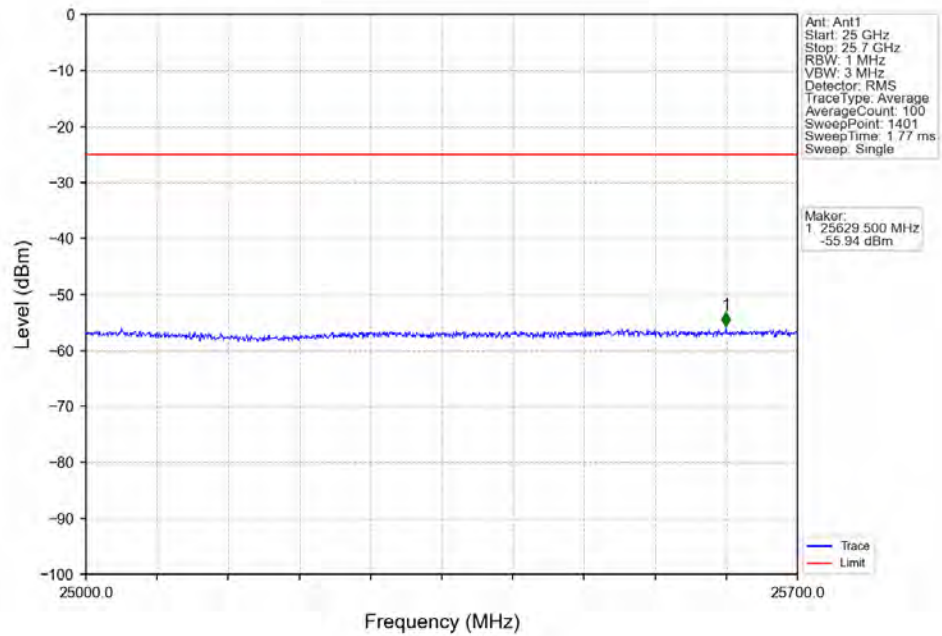
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



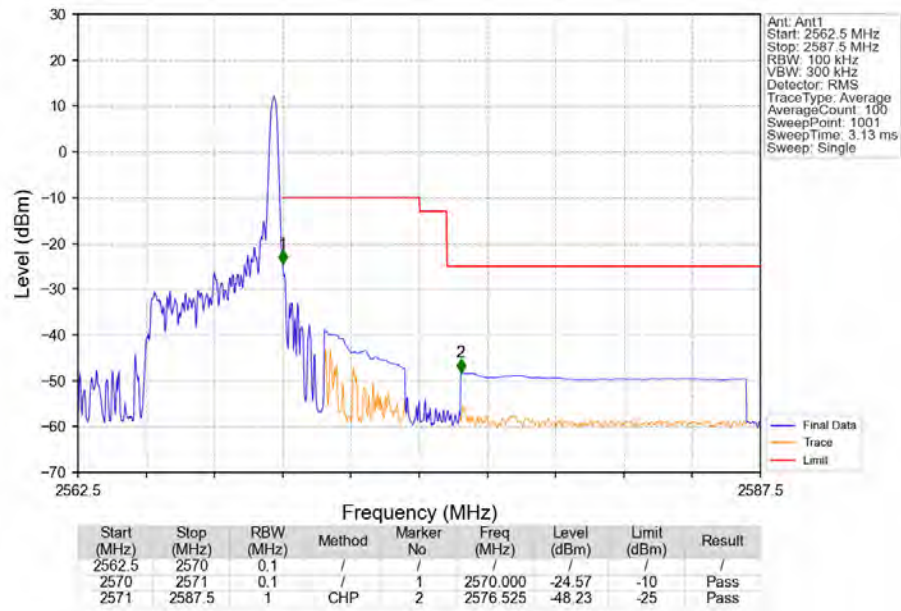
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



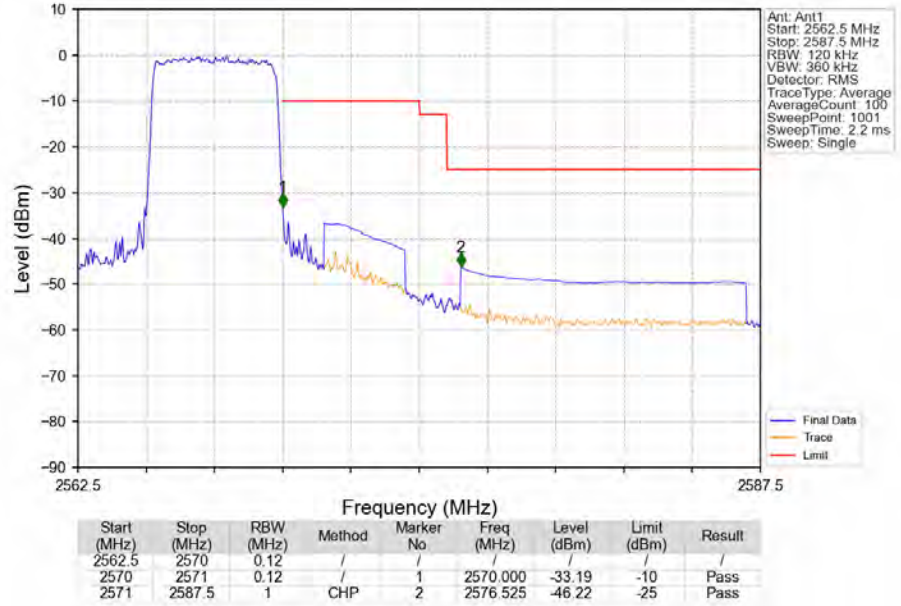
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_1_24_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



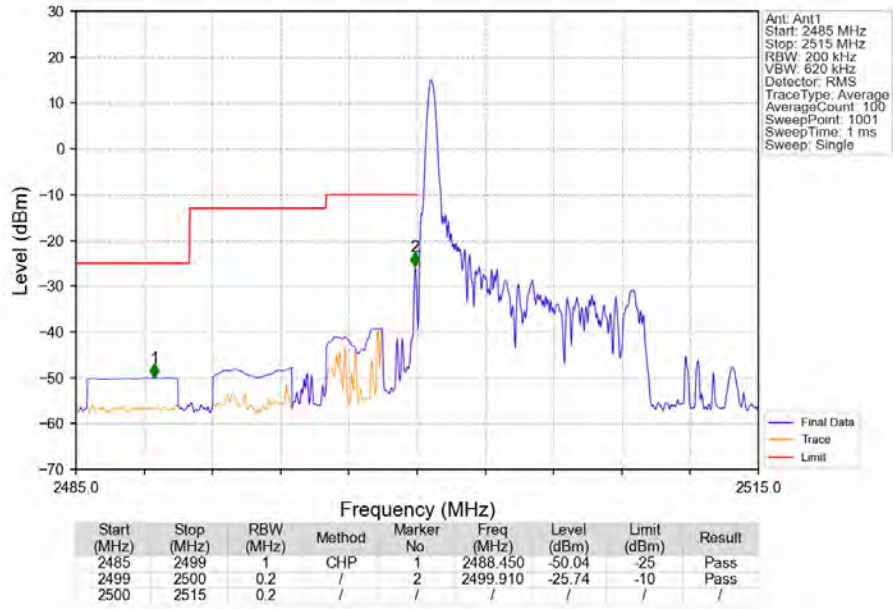
6.2 B7_10MHz

6.2.1 Test Result

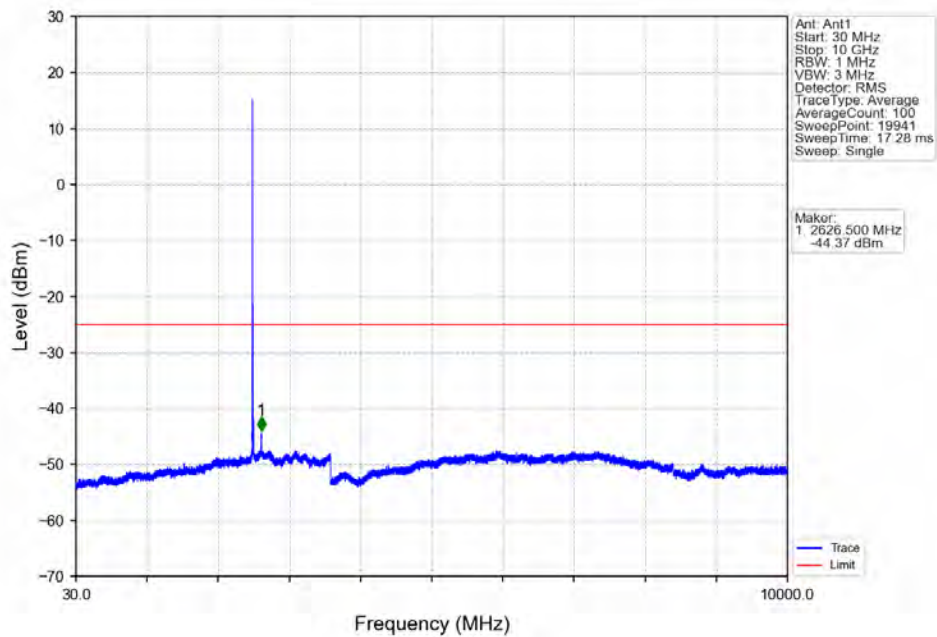
Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2.2 Test Graph

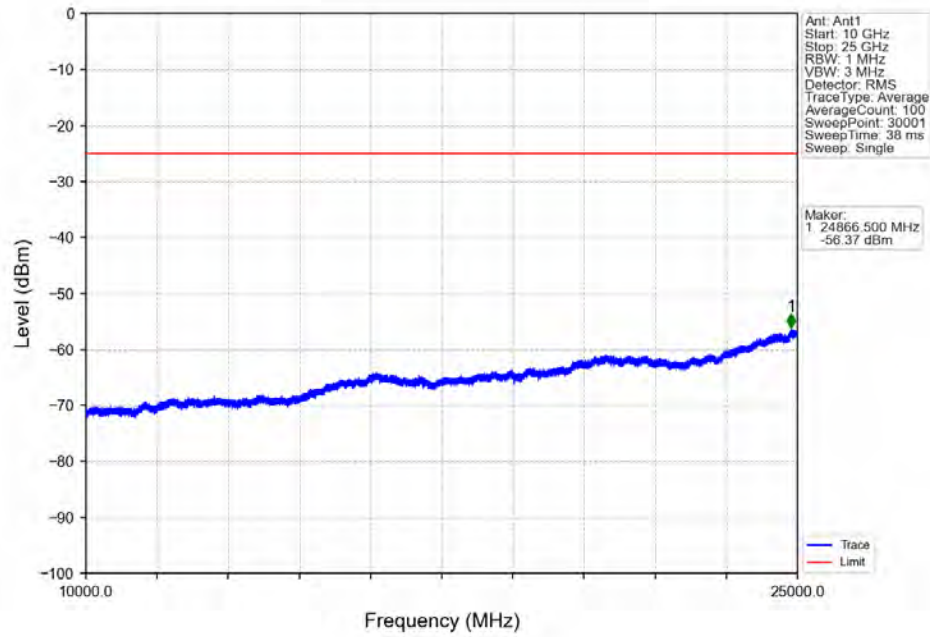
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



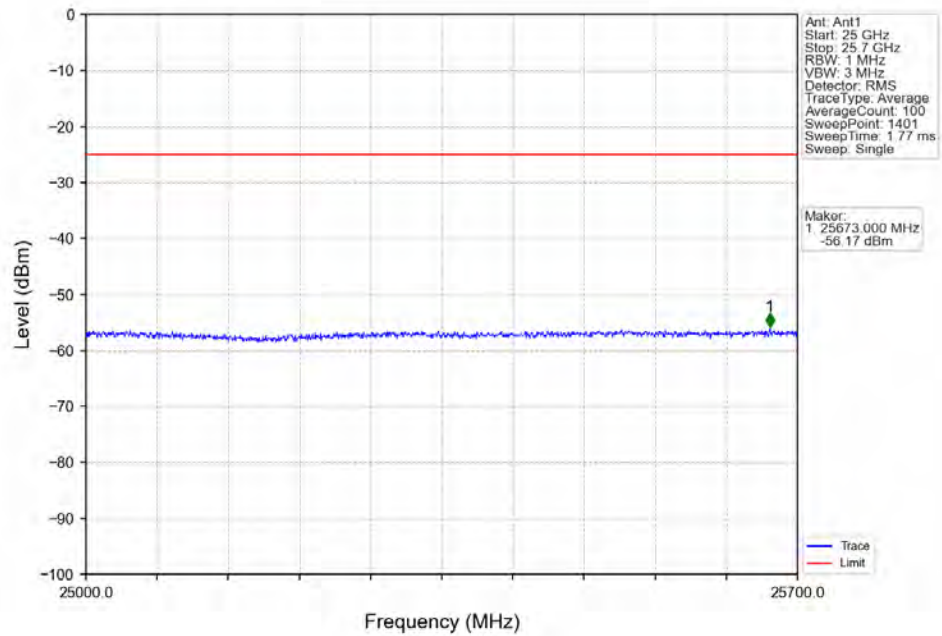
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



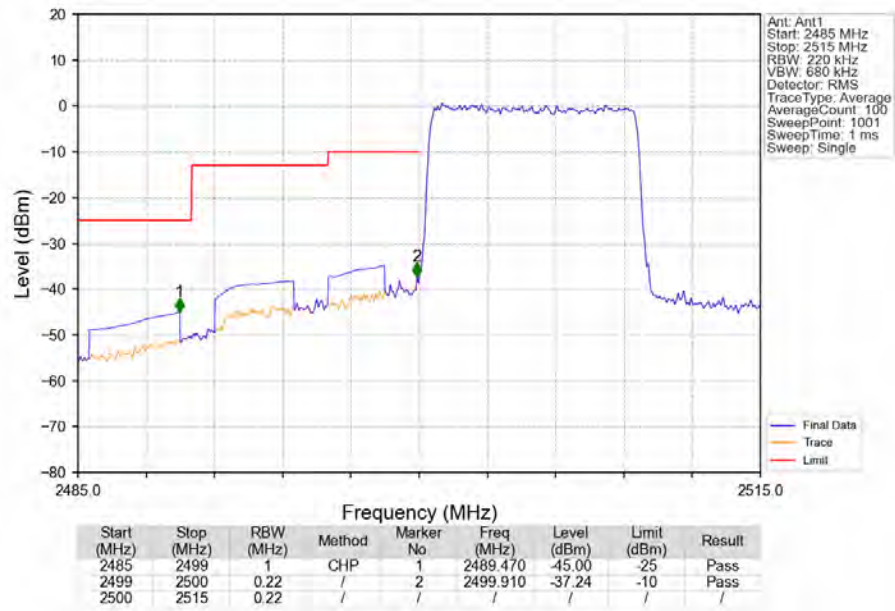
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



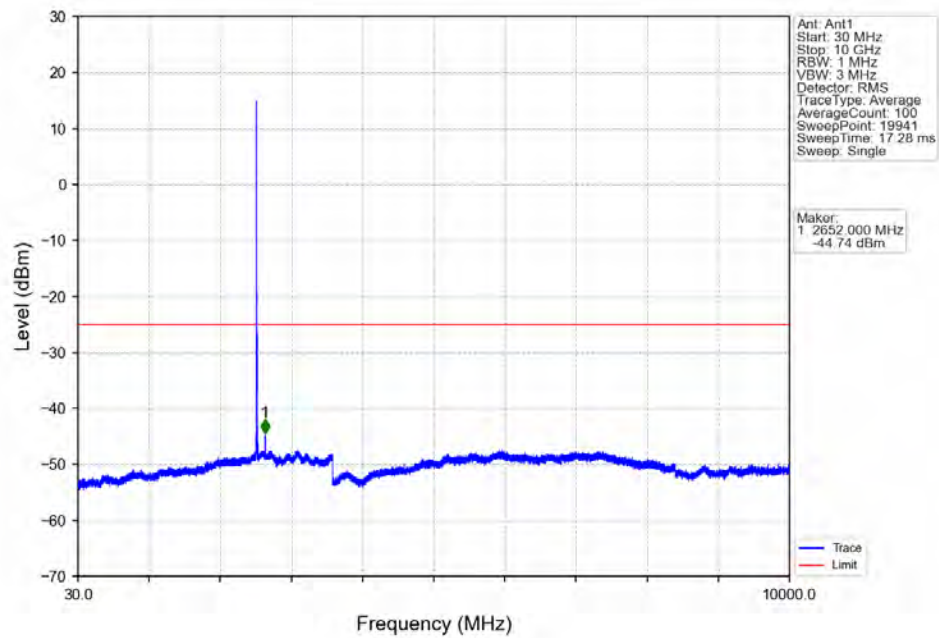
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



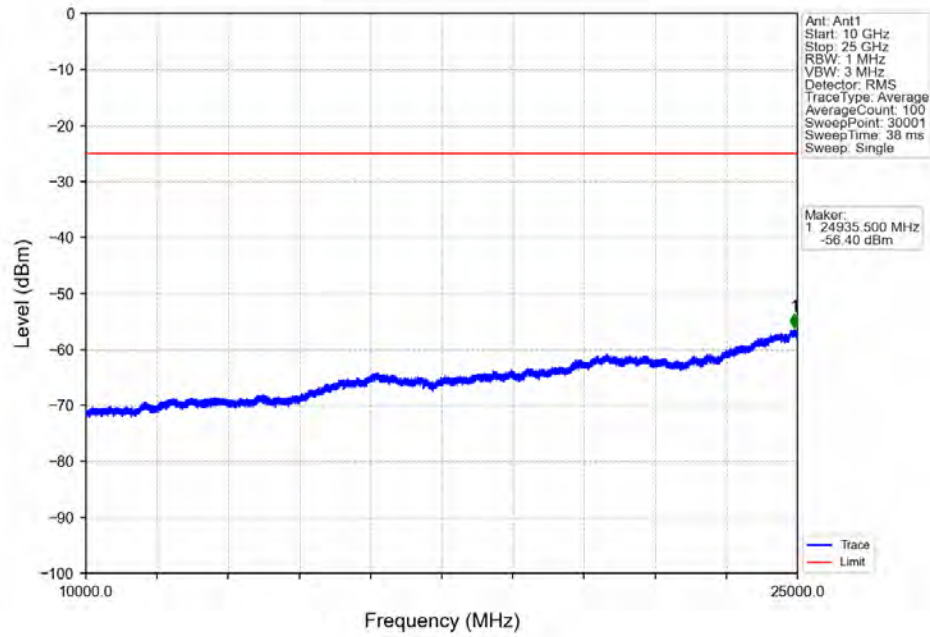
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



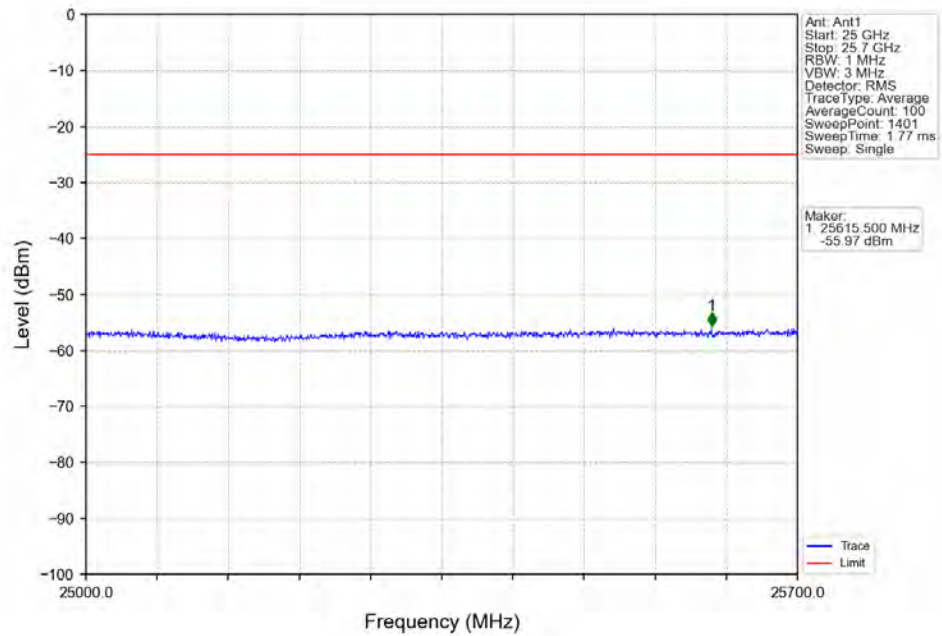
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



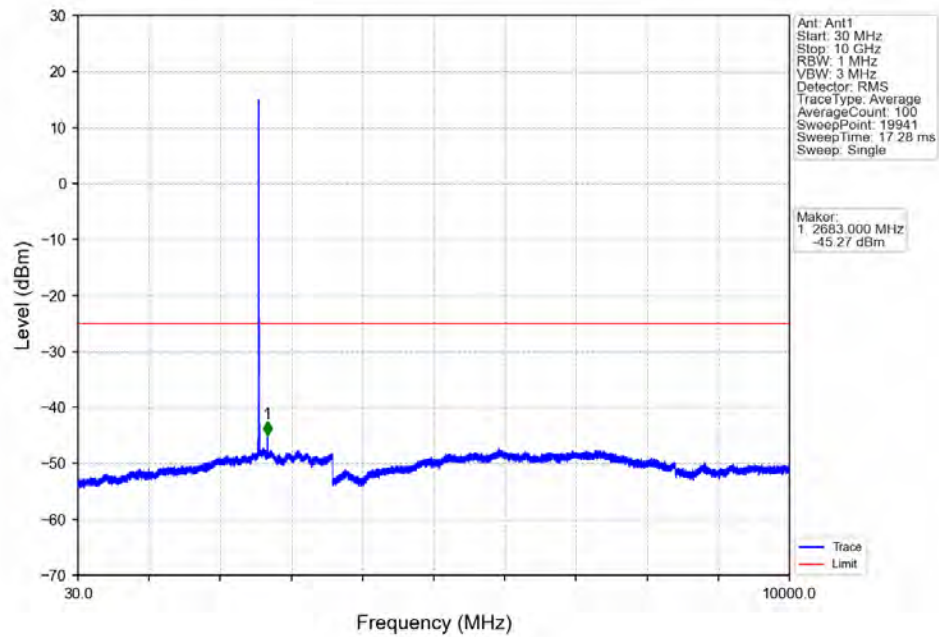
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



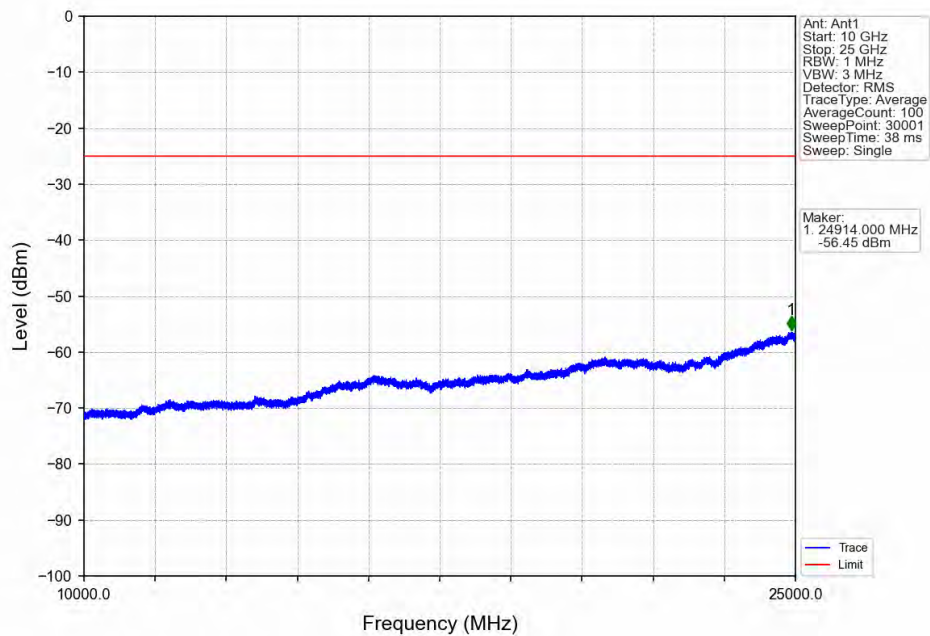
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



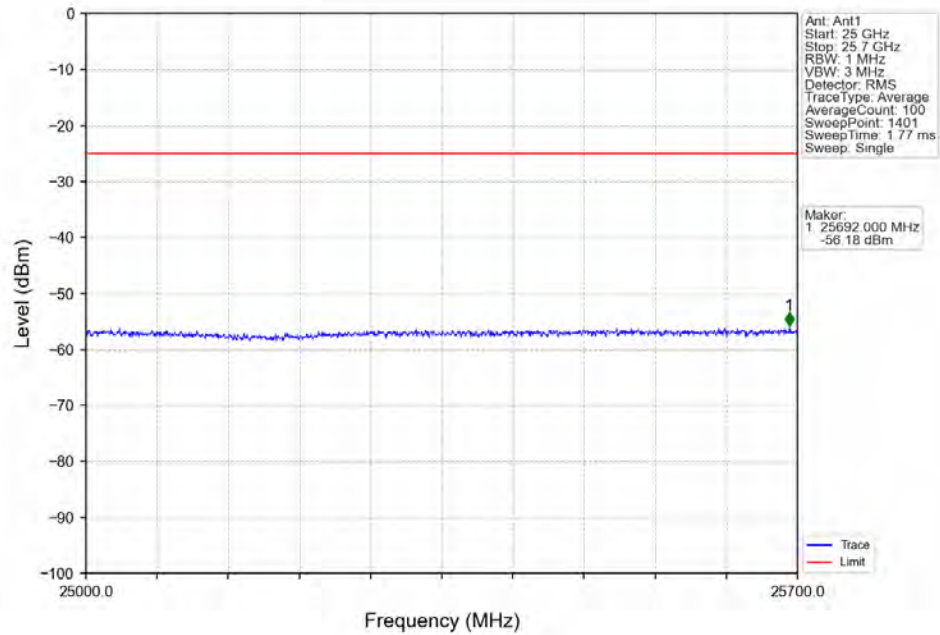
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



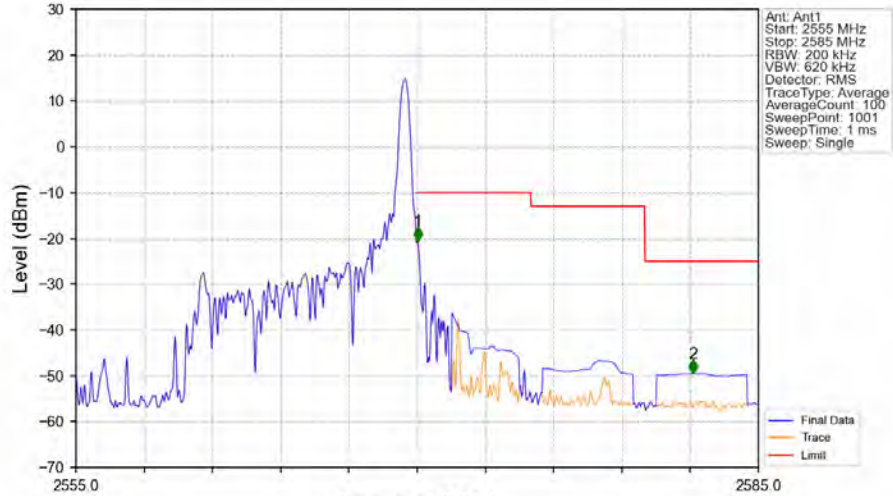
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

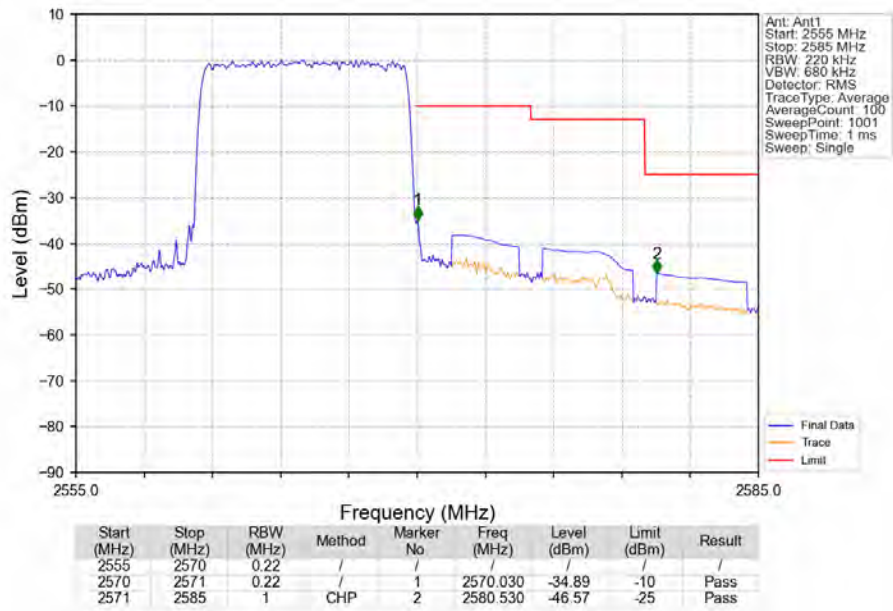


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV

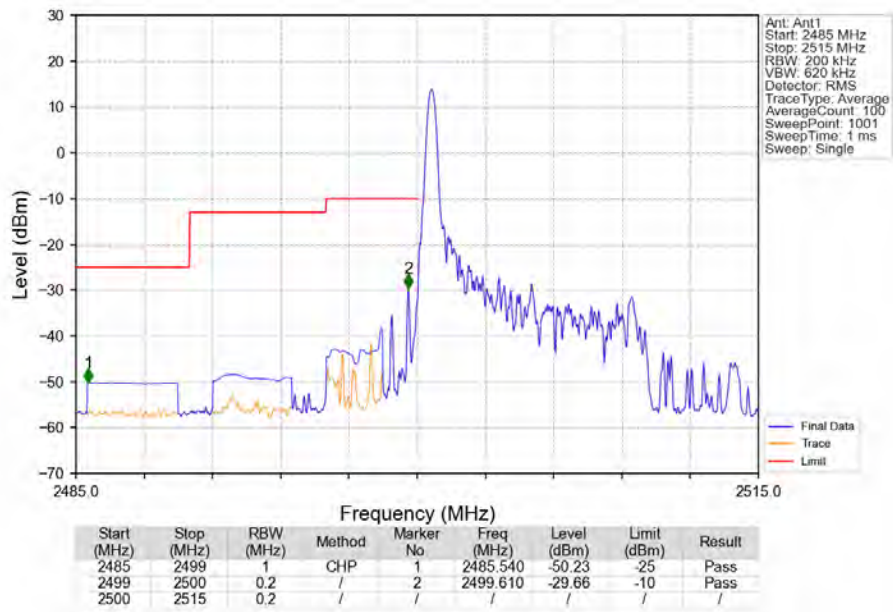


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	1	2570.030	-20.65	-10	Pass
2570	2571	0.2	/	1	2570.030	-20.65	-10	Pass
2571	2585	1	CHP	2	2582.120	-49.52	-25	Pass

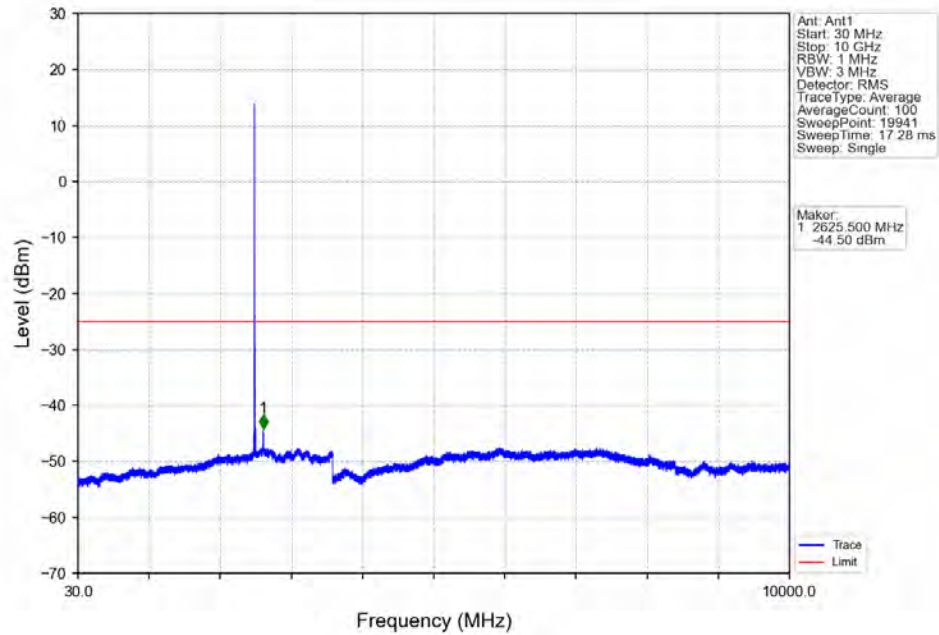
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



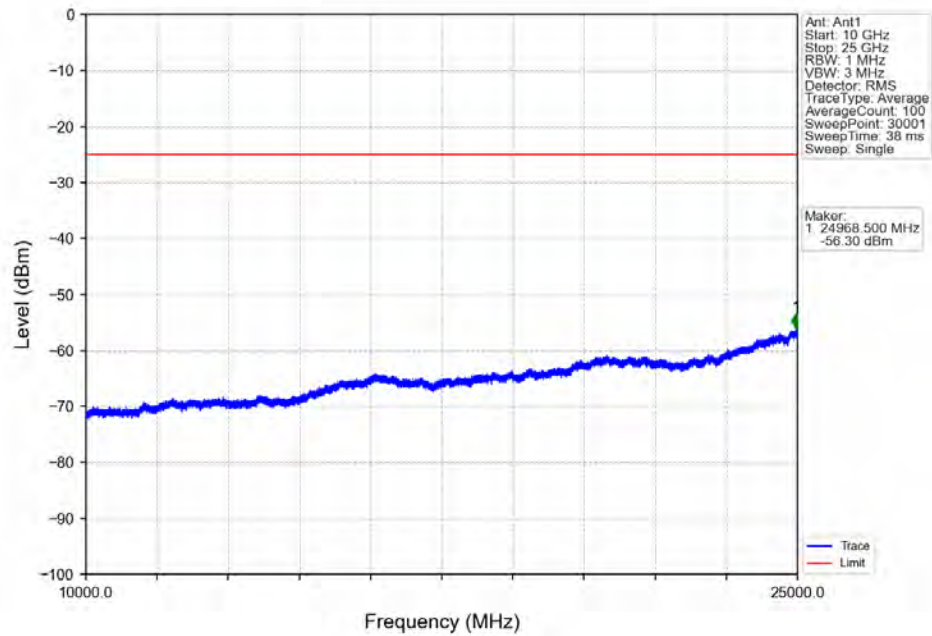
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



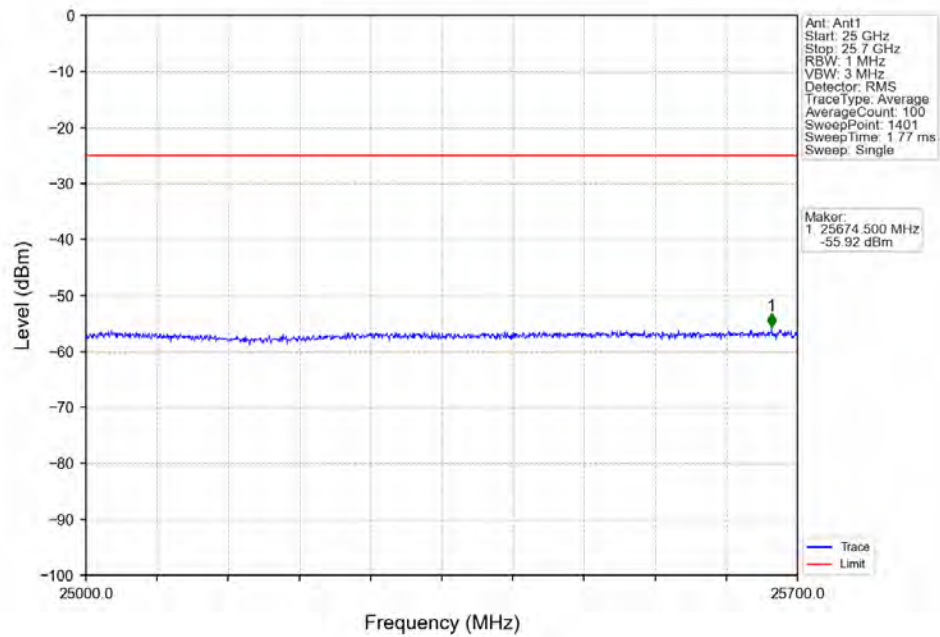
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



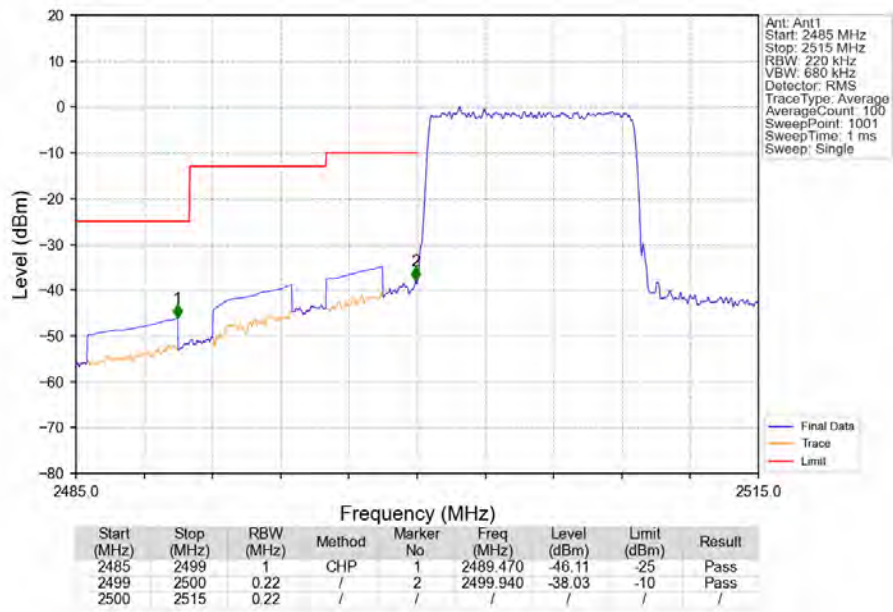
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



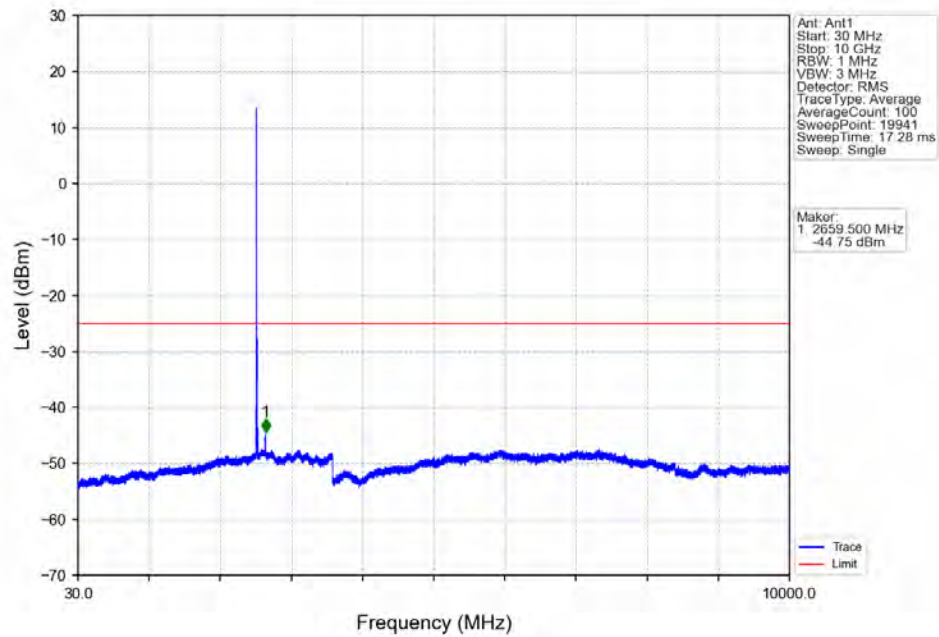
Band7_10MHz_16QAM_LCH_2505MHz_RB_1_0_NTNV



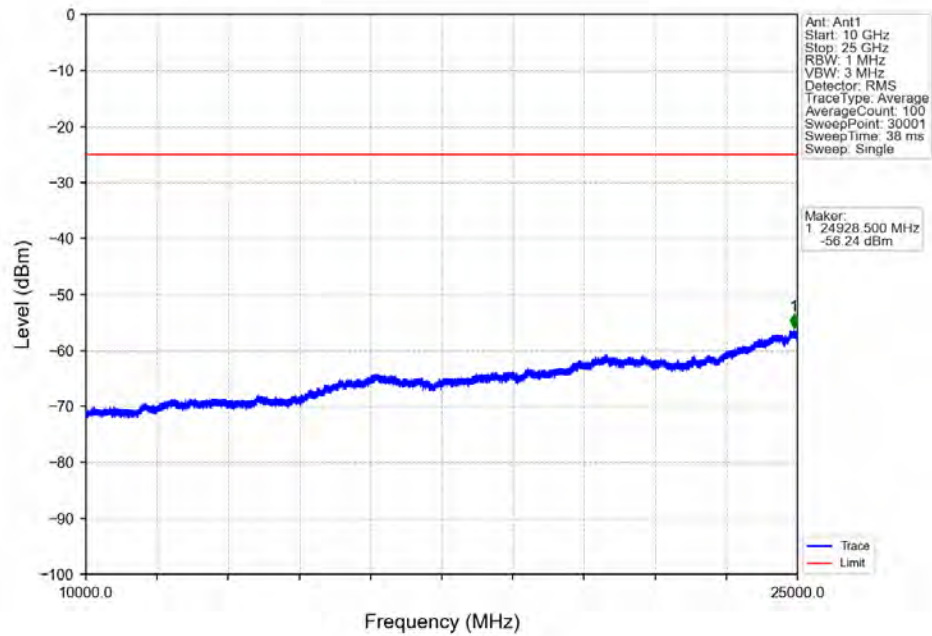
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



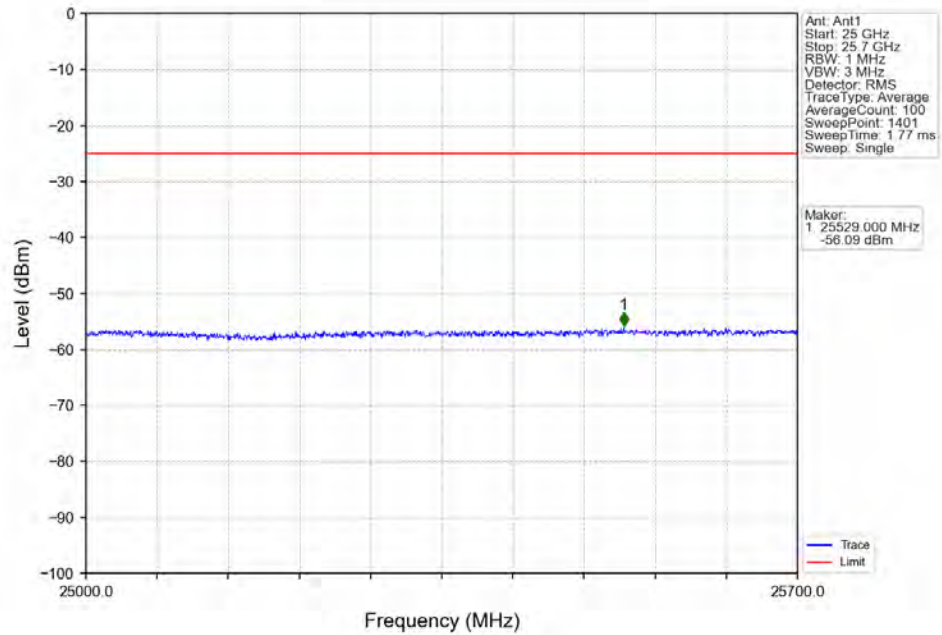
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



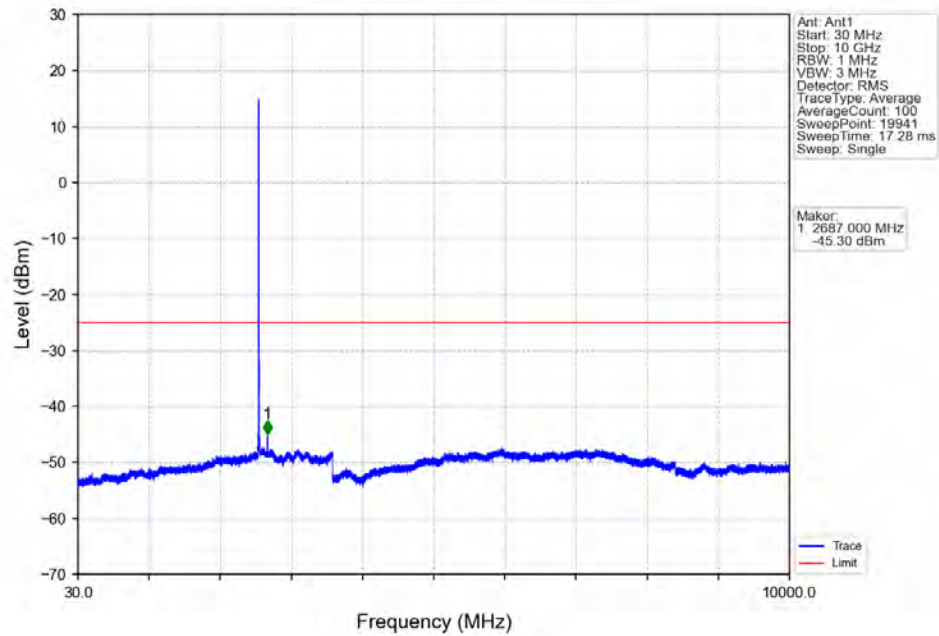
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



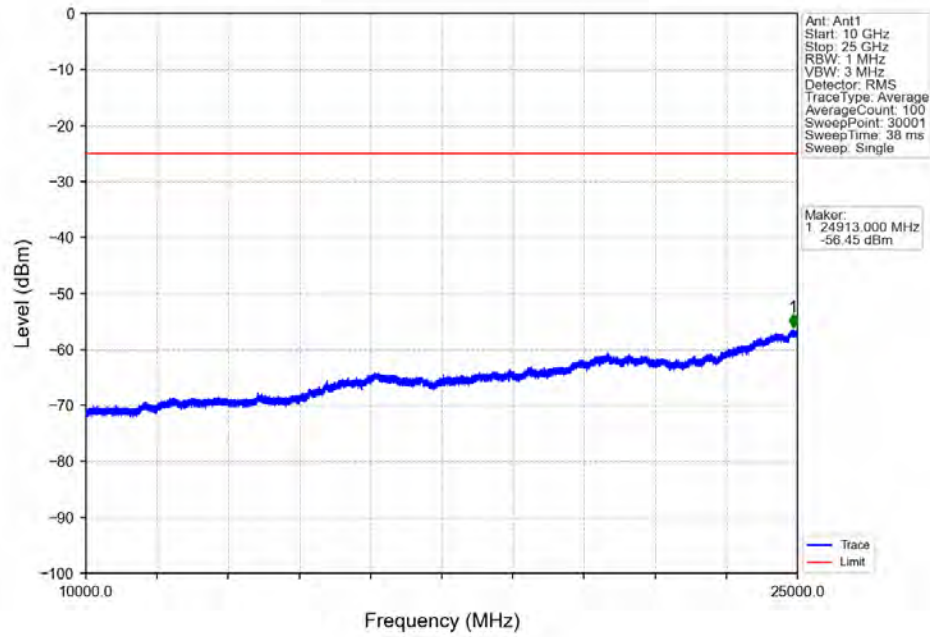
Band7_10MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



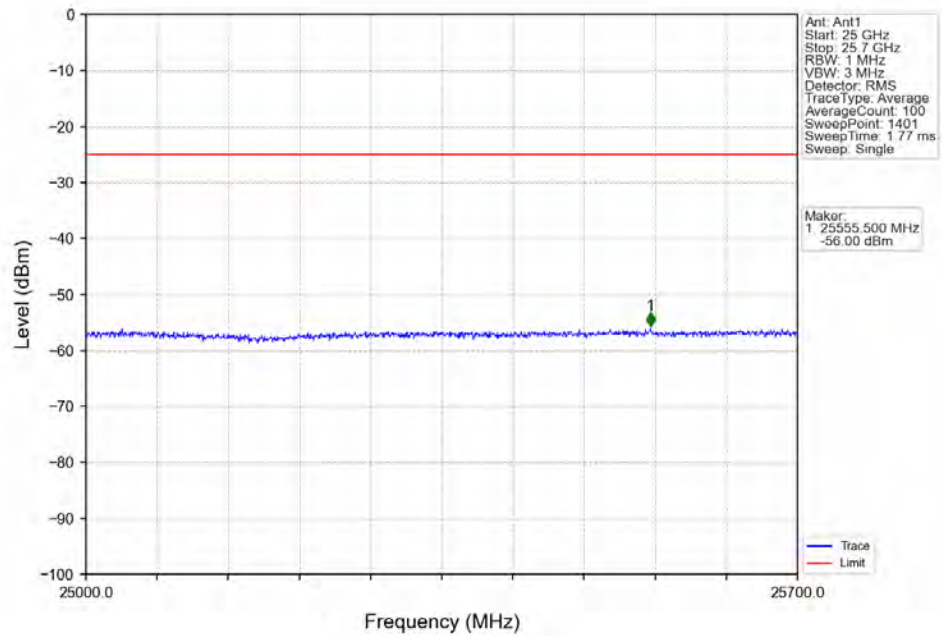
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



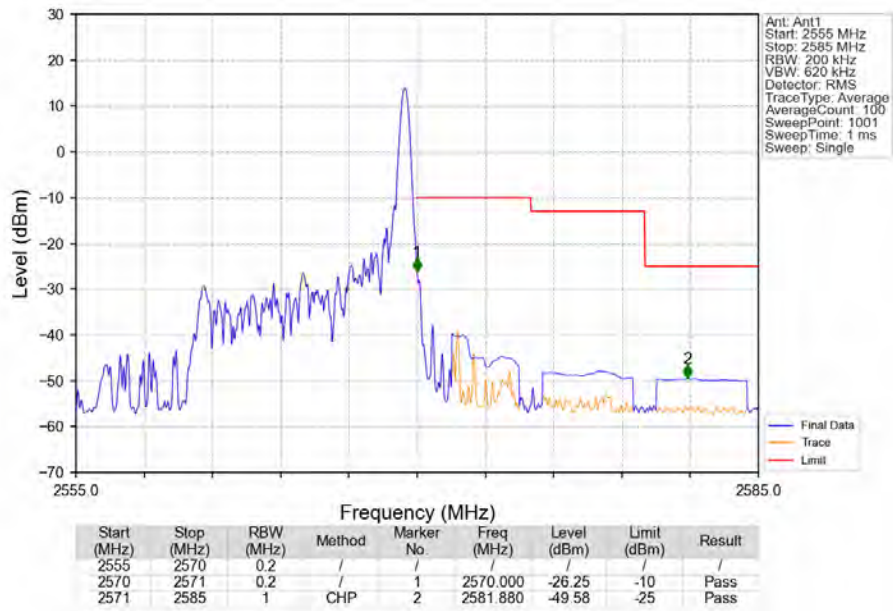
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



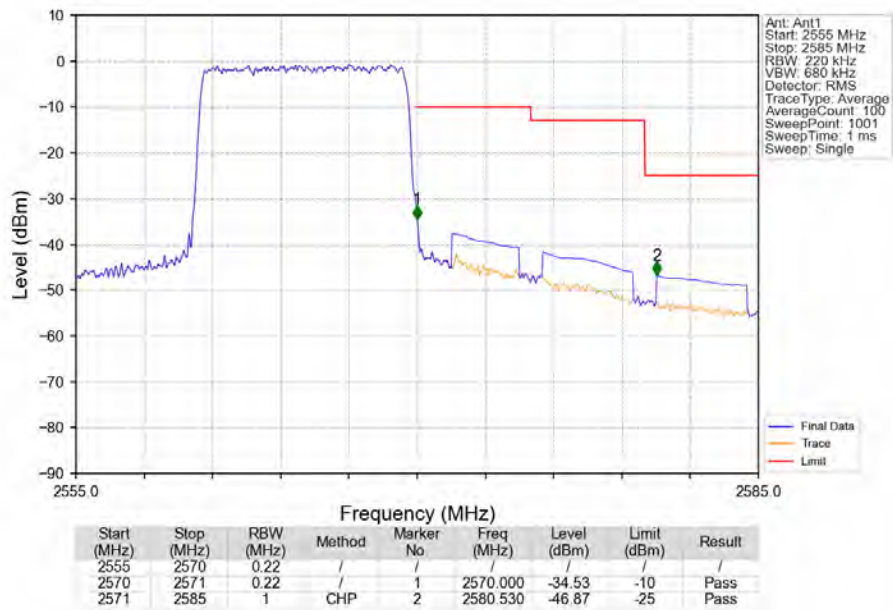
Band7_10MHz_16QAM_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_1_49_NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV

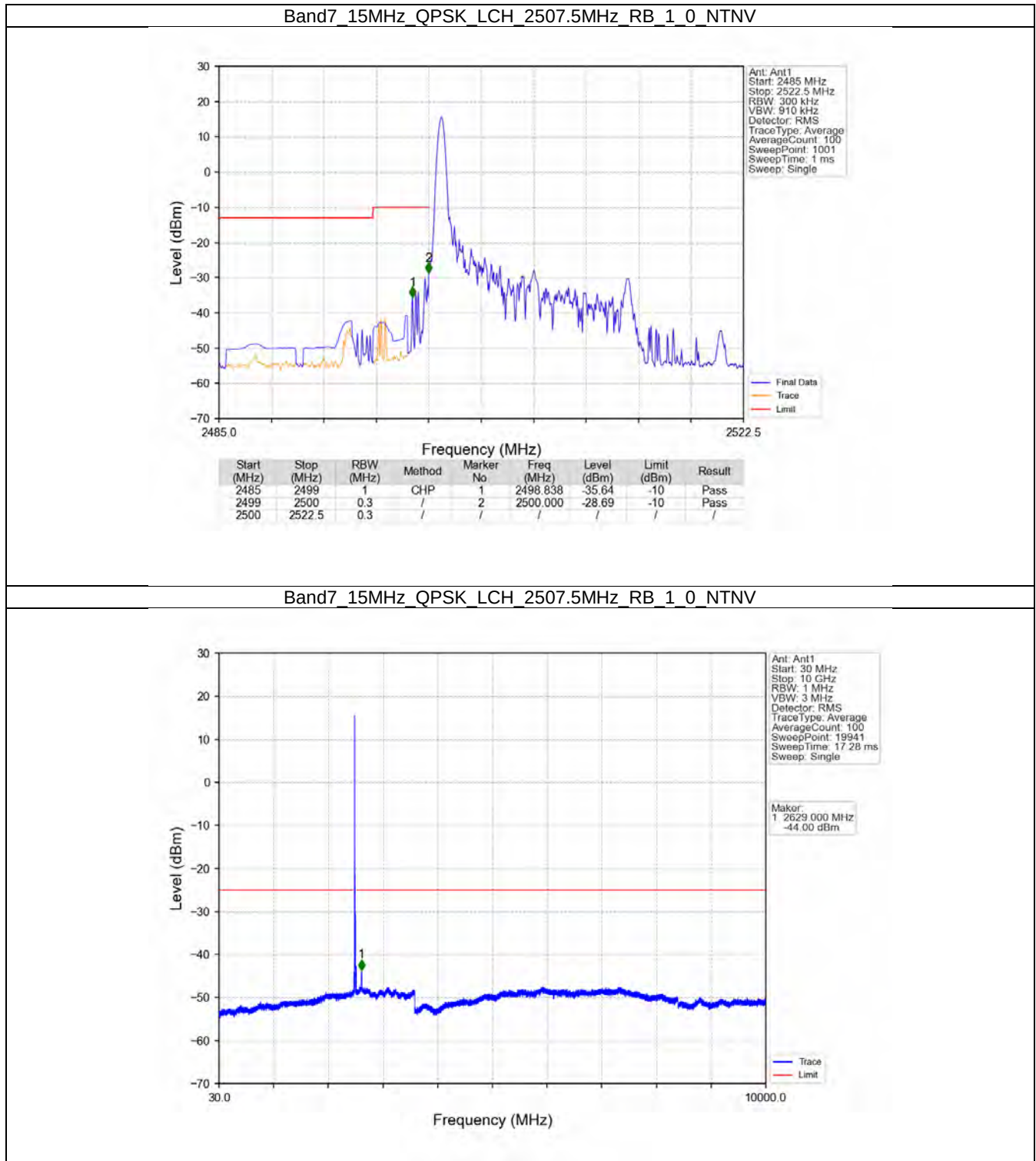


6.3 B7_15MHz

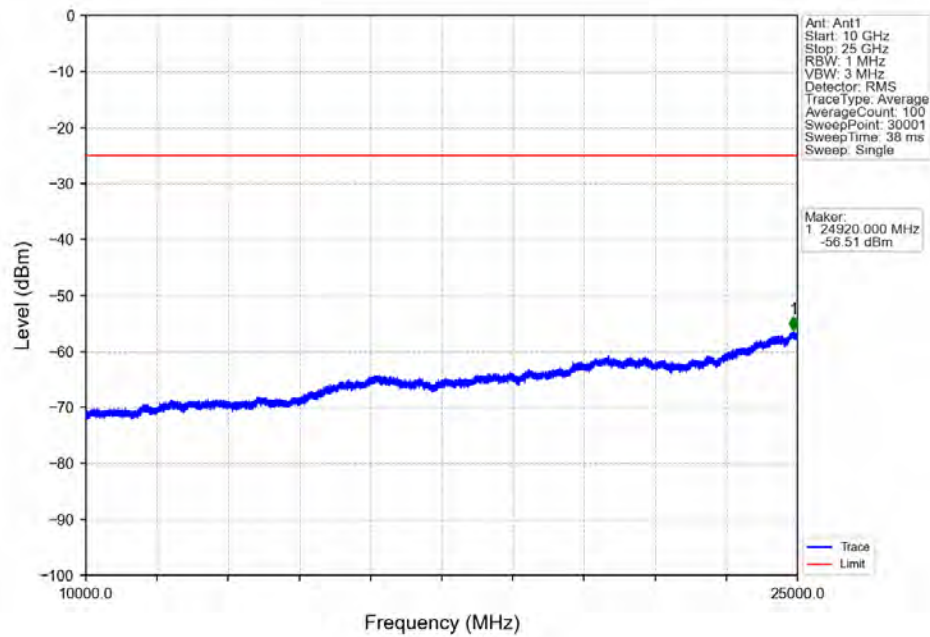
6.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

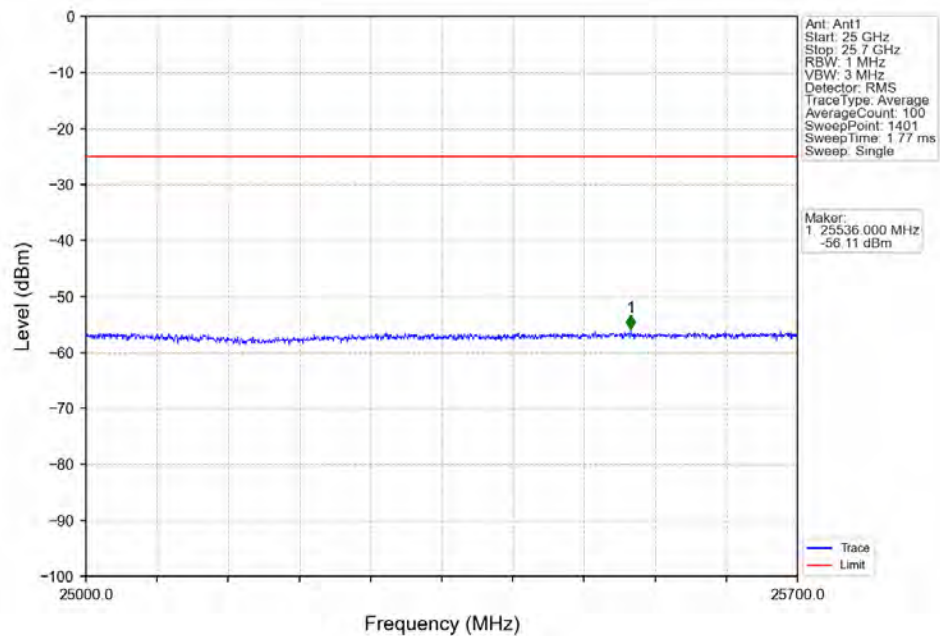
6.3.2 Test Graph



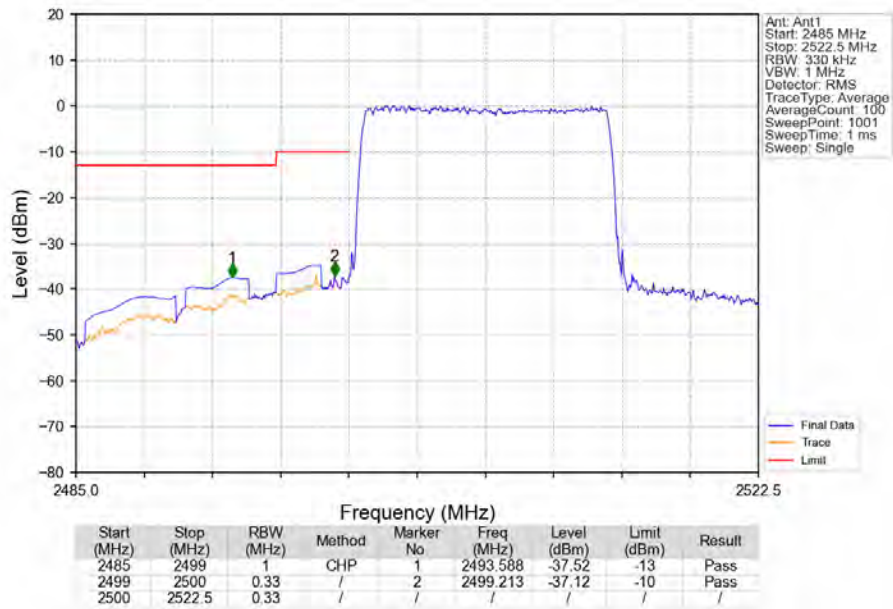
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



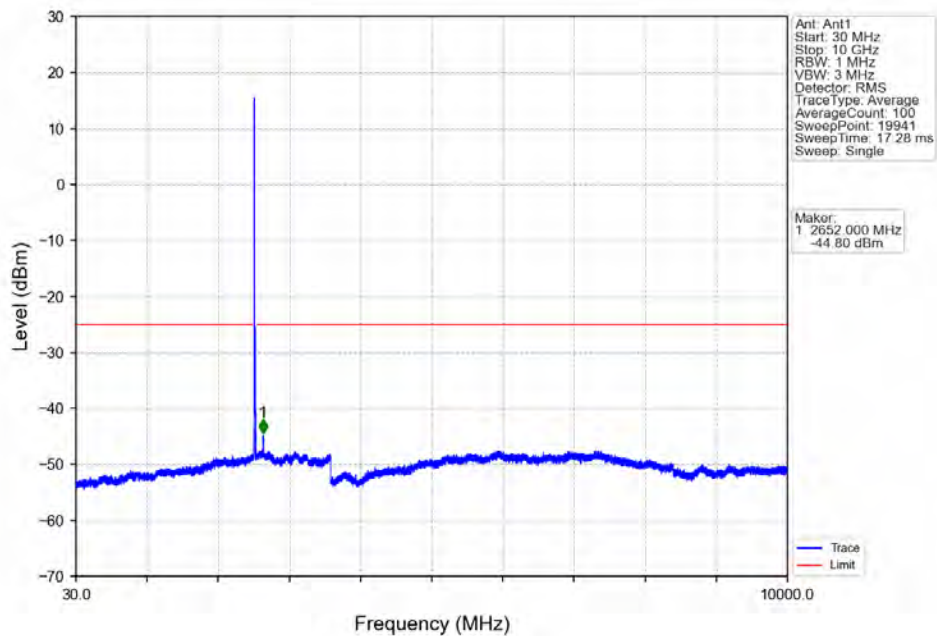
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



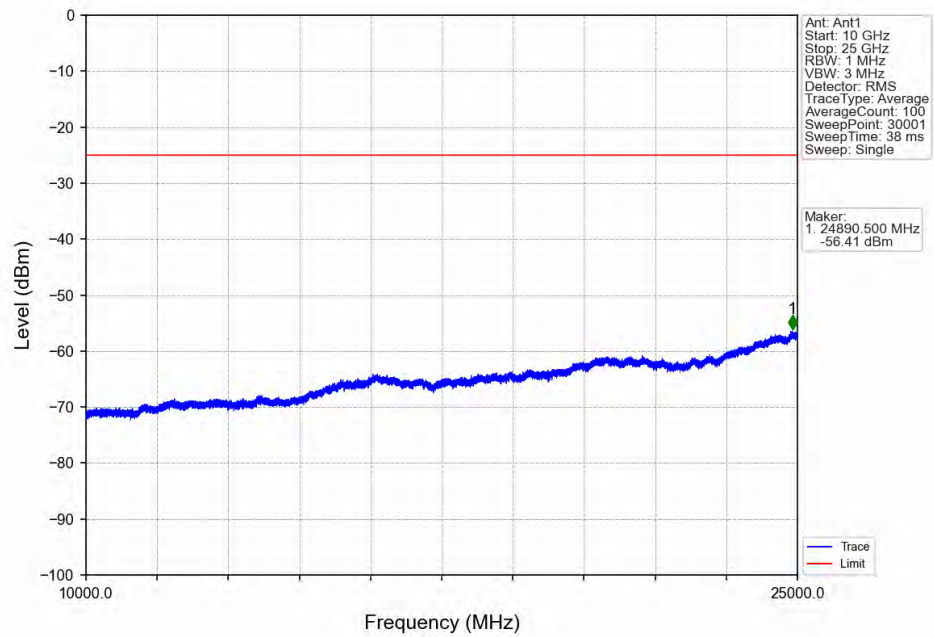
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



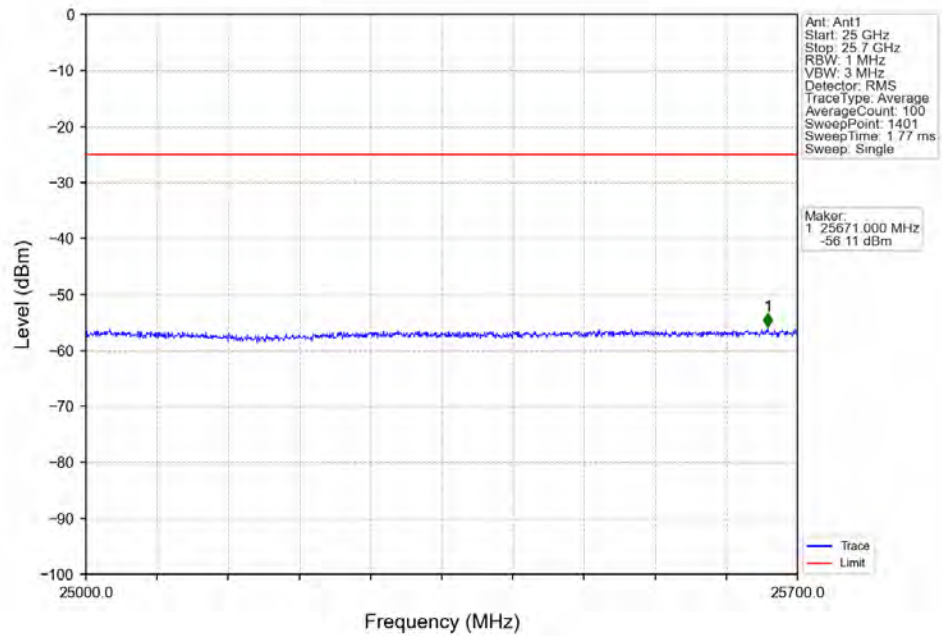
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



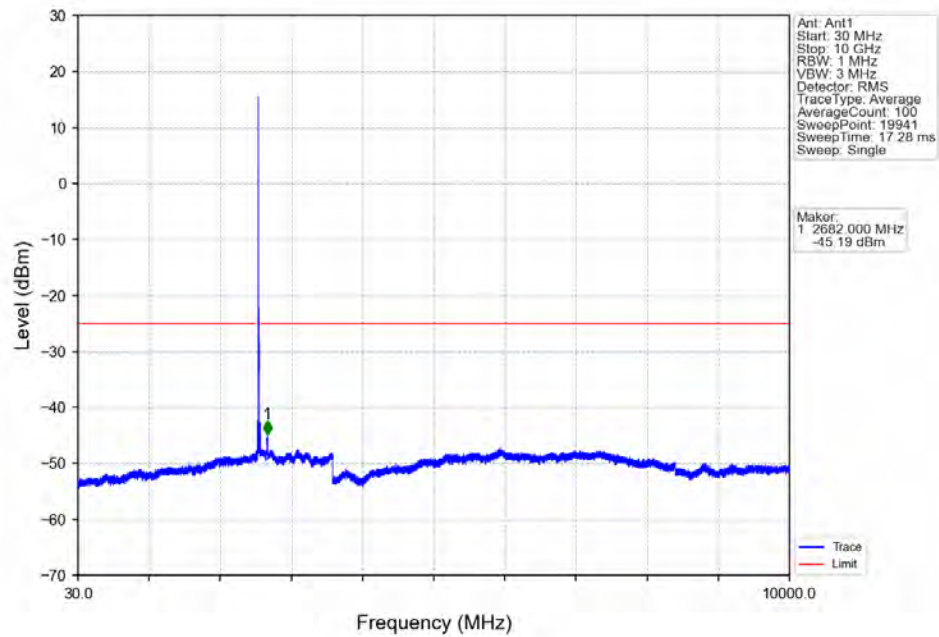
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



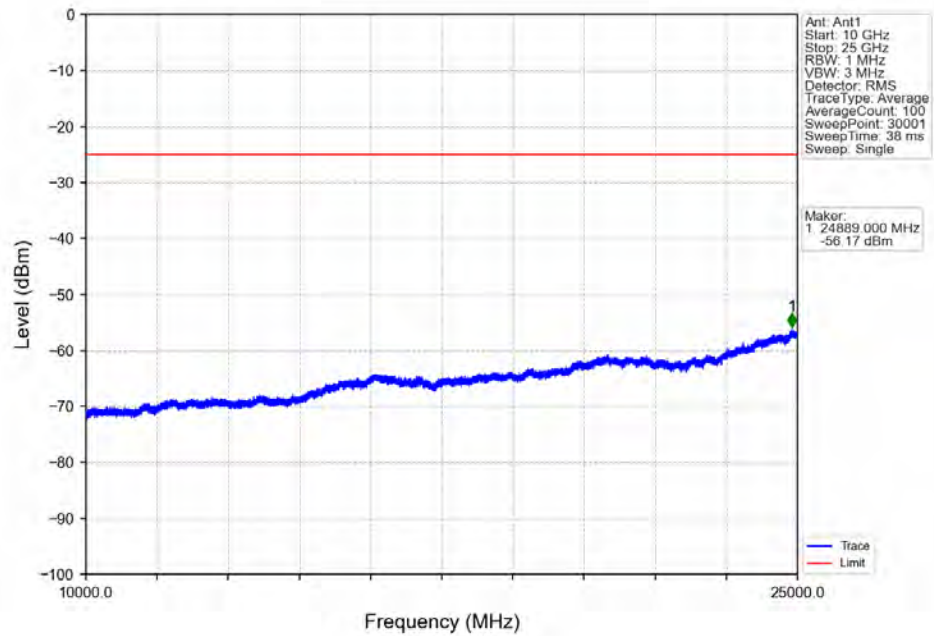
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



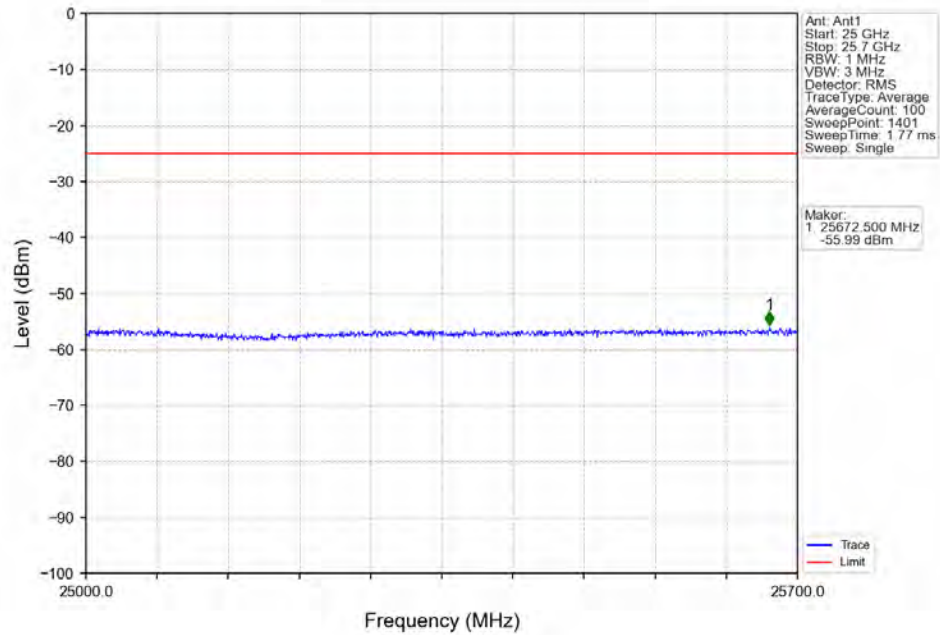
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



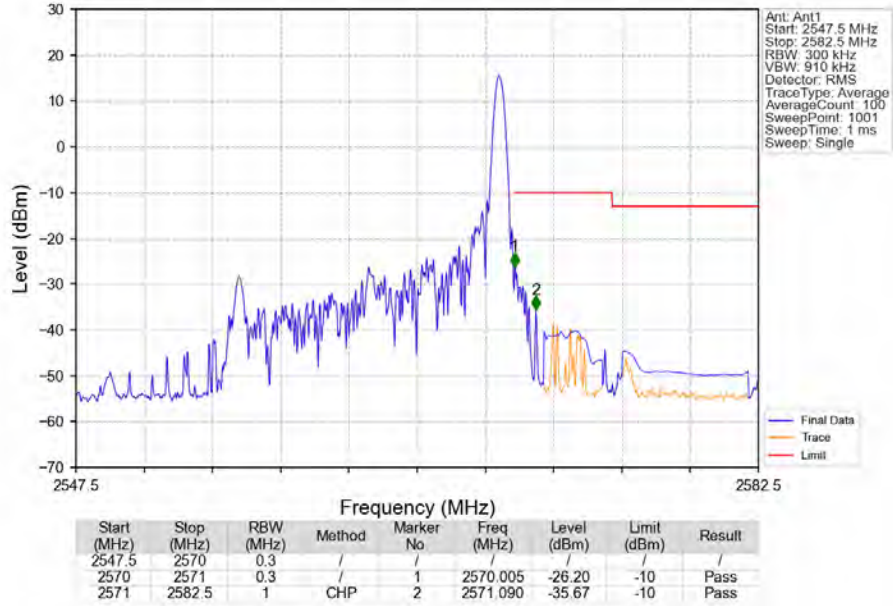
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



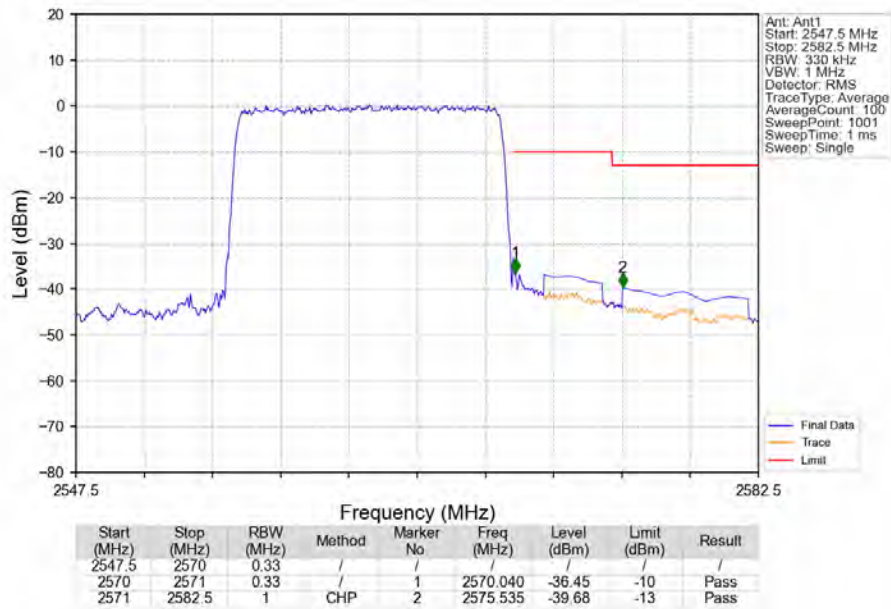
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



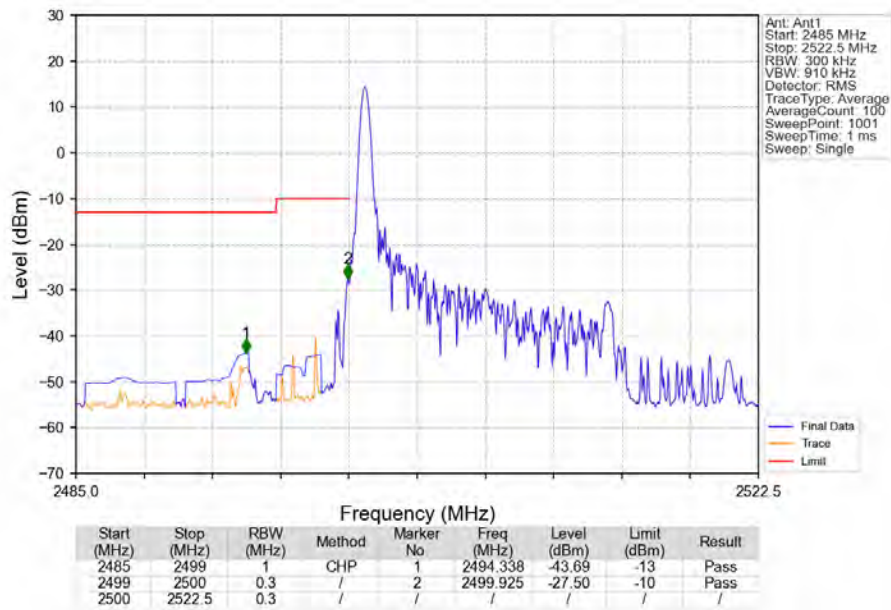
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



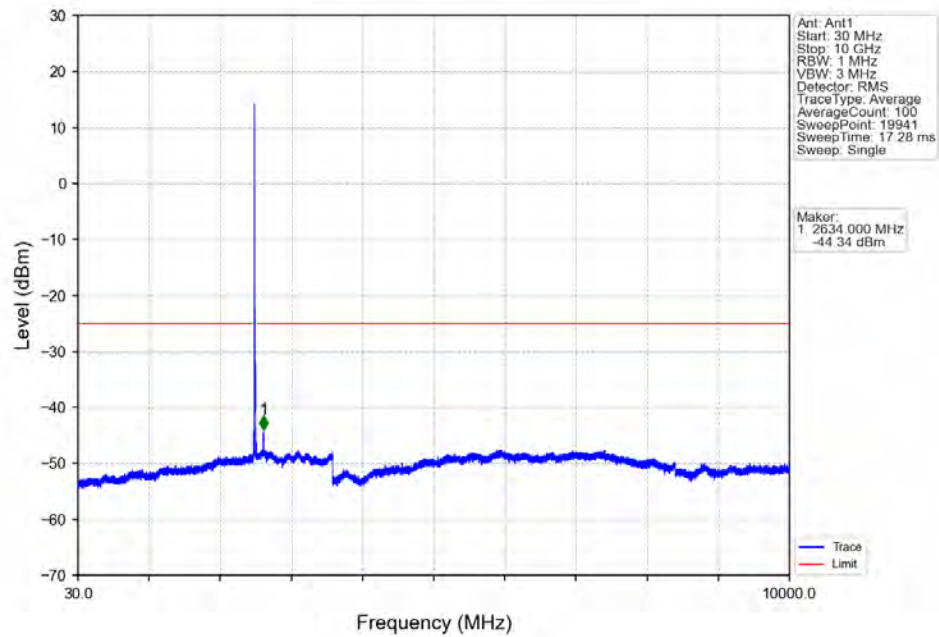
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



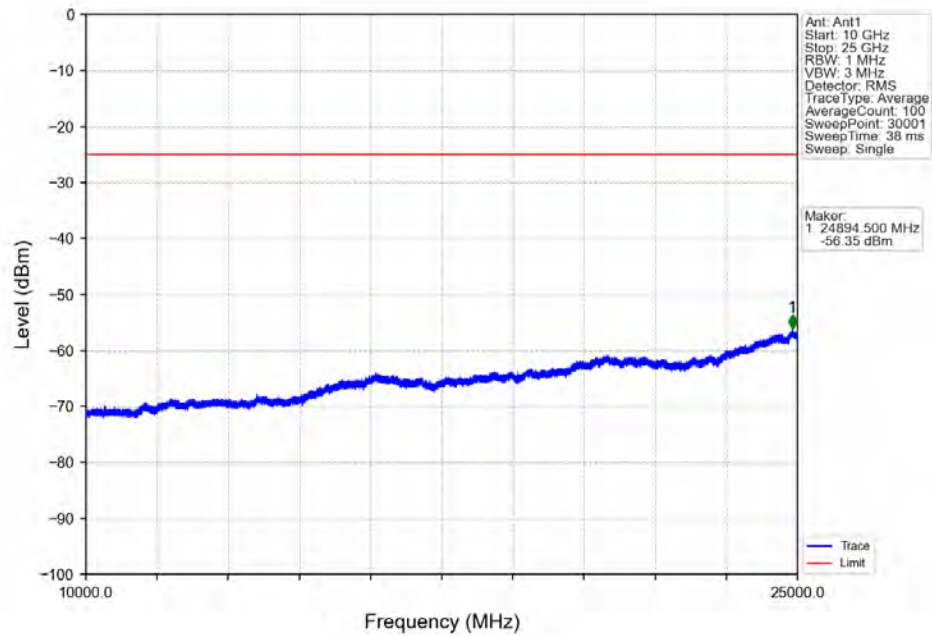
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



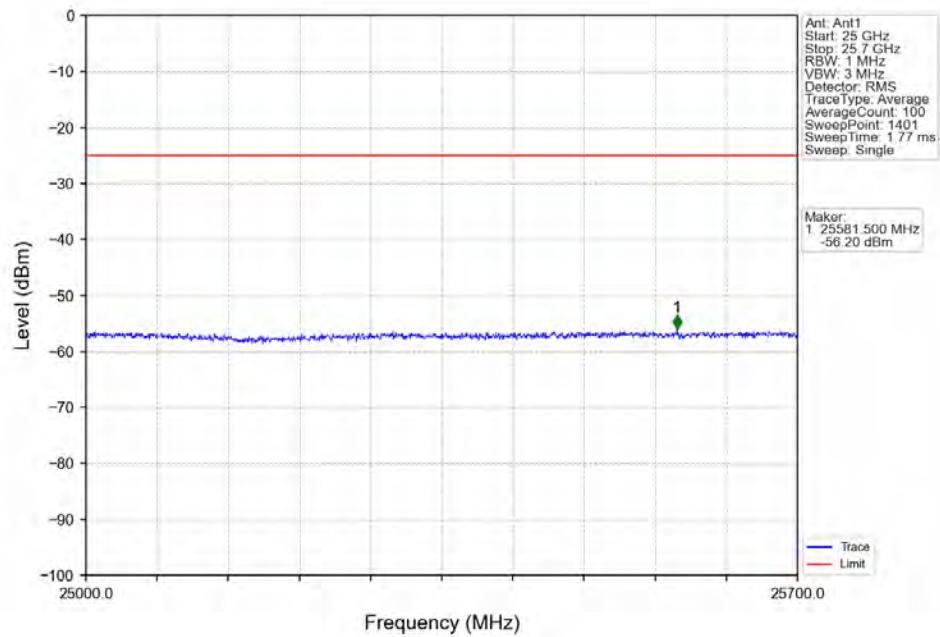
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



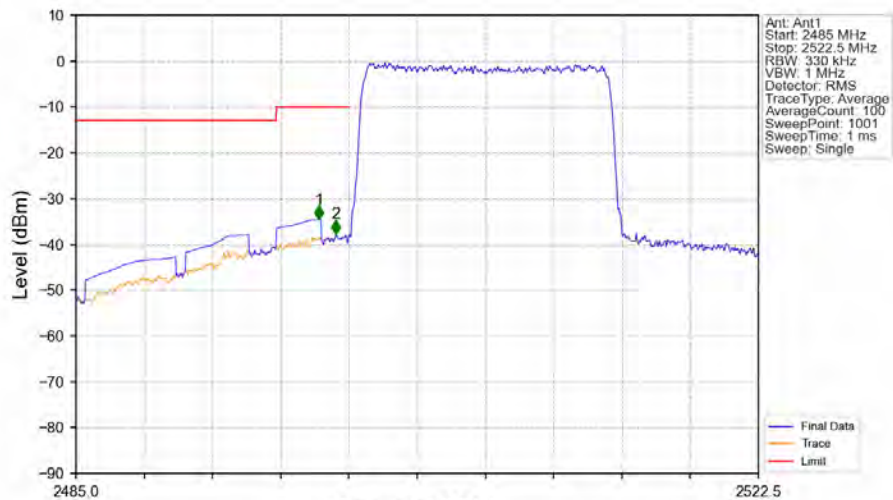
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_16QAM_LCH_2507.5MHz_RB_1_0_NTNV

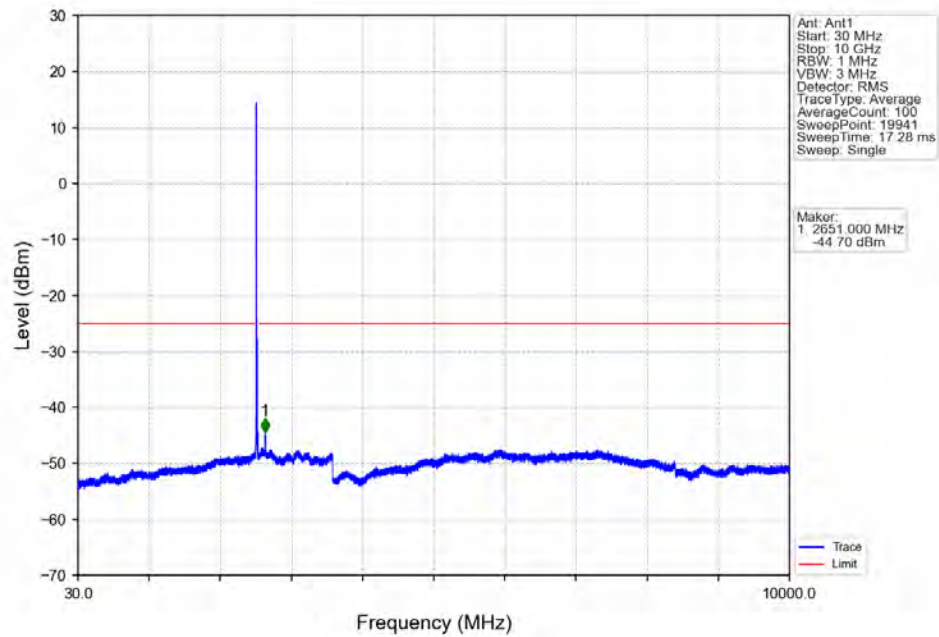


Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV

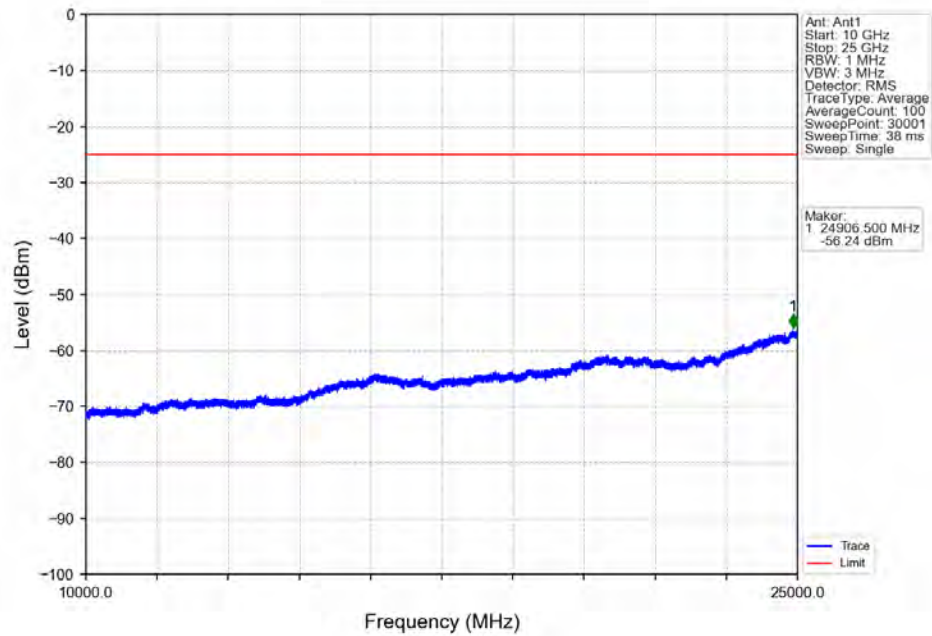


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.350	-34.62	-10	Pass
2499	2500	0.33	/	2	2499.287	-37.70	-10	Pass
2500	2522.5	0.33	/	/	/	/	/	/

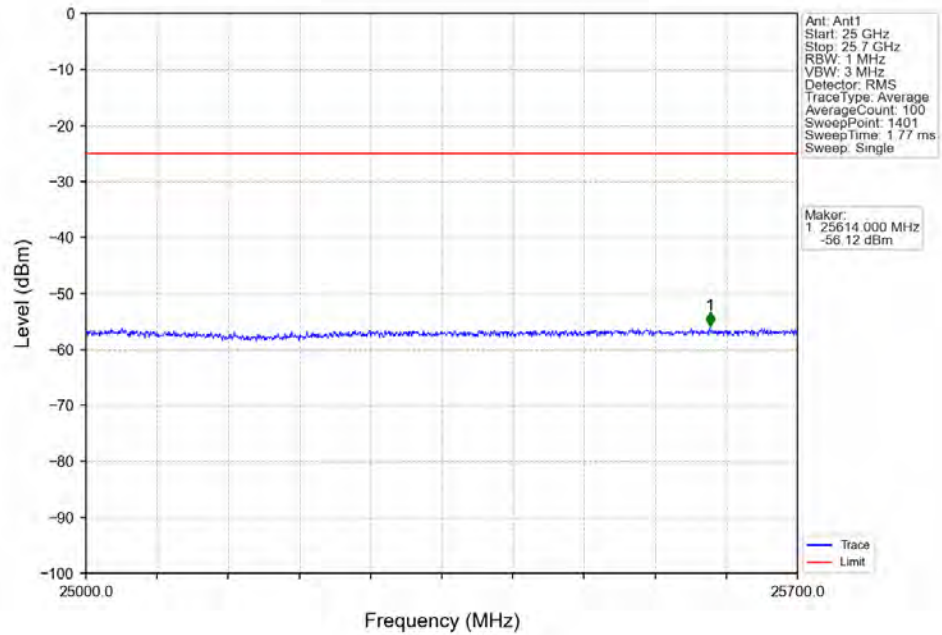
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



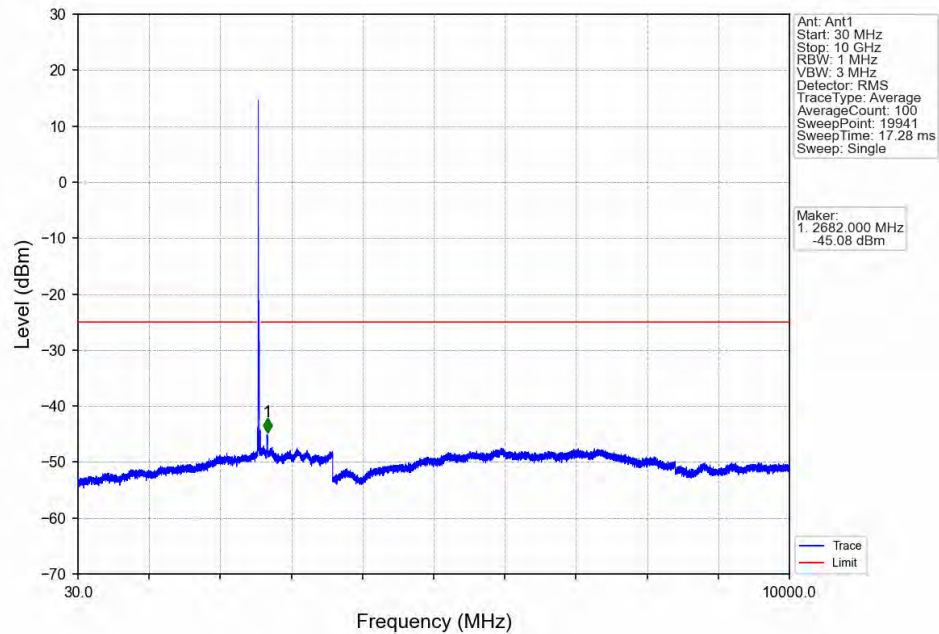
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



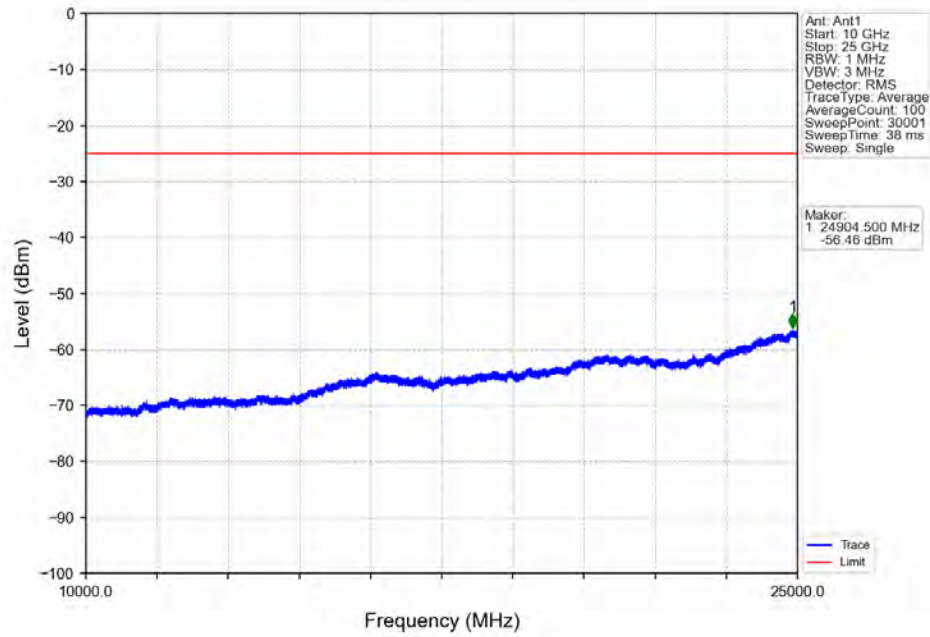
Band7_15MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



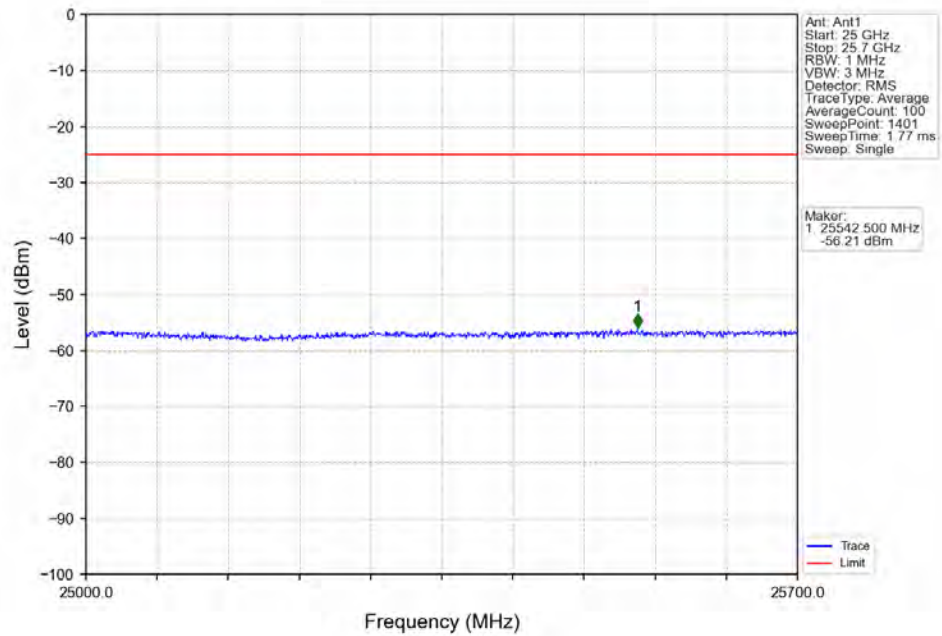
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



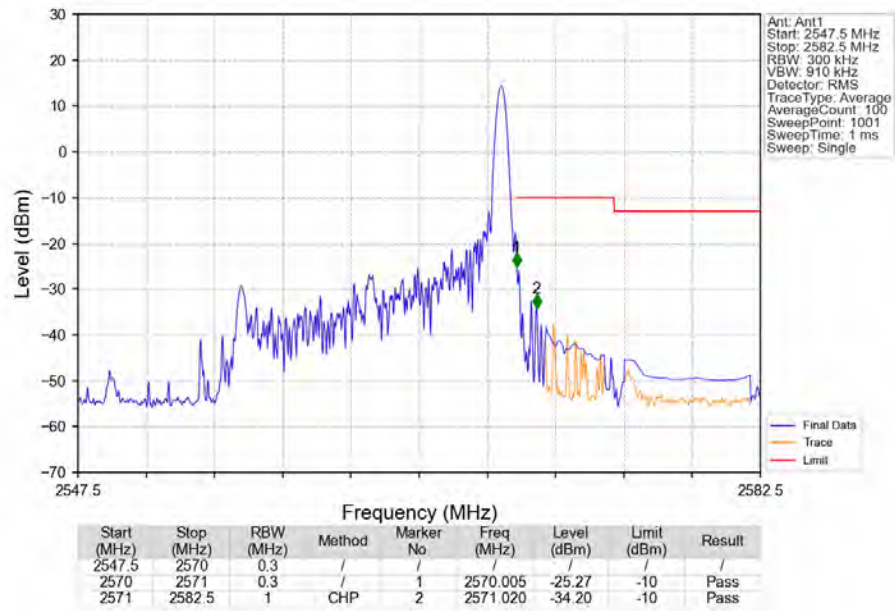
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



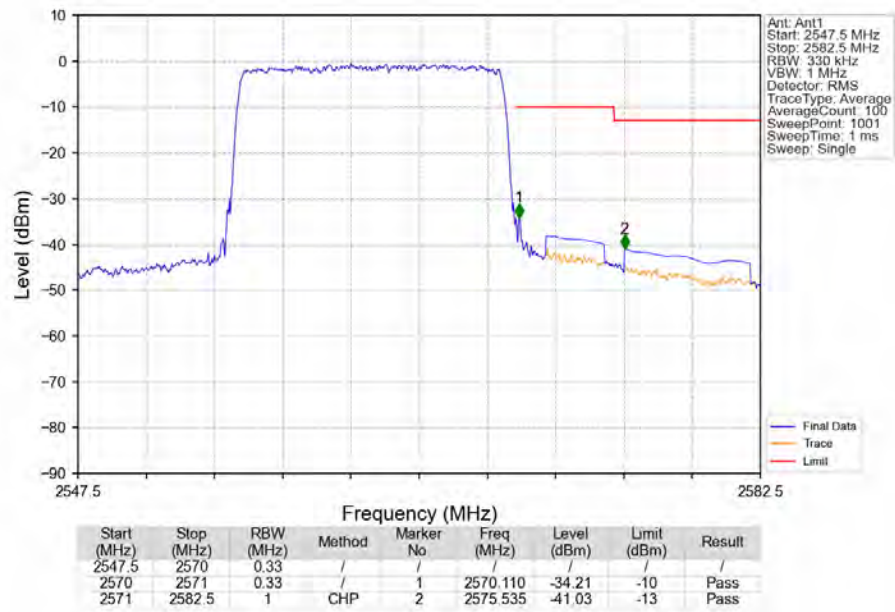
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_74_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



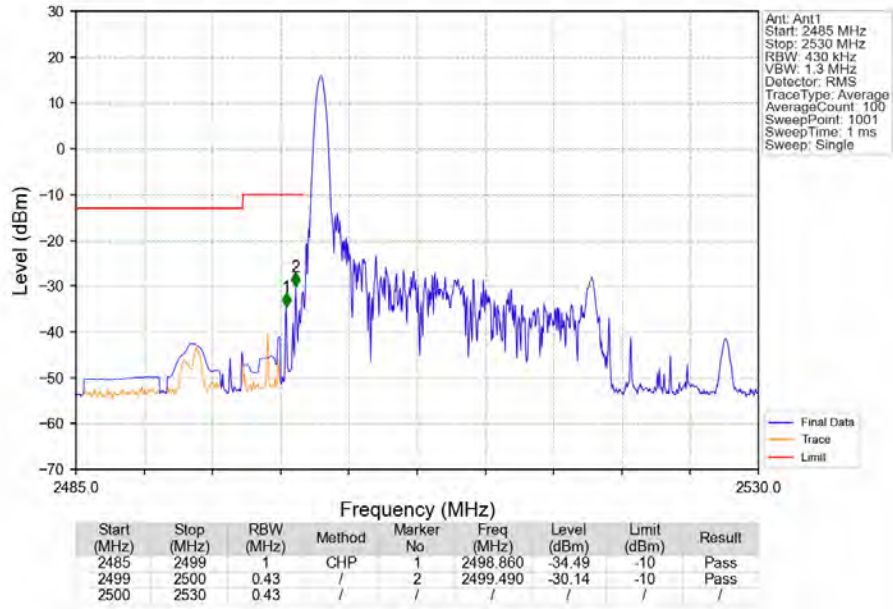
6.4 B7_20MHz

6.4.1 Test Result

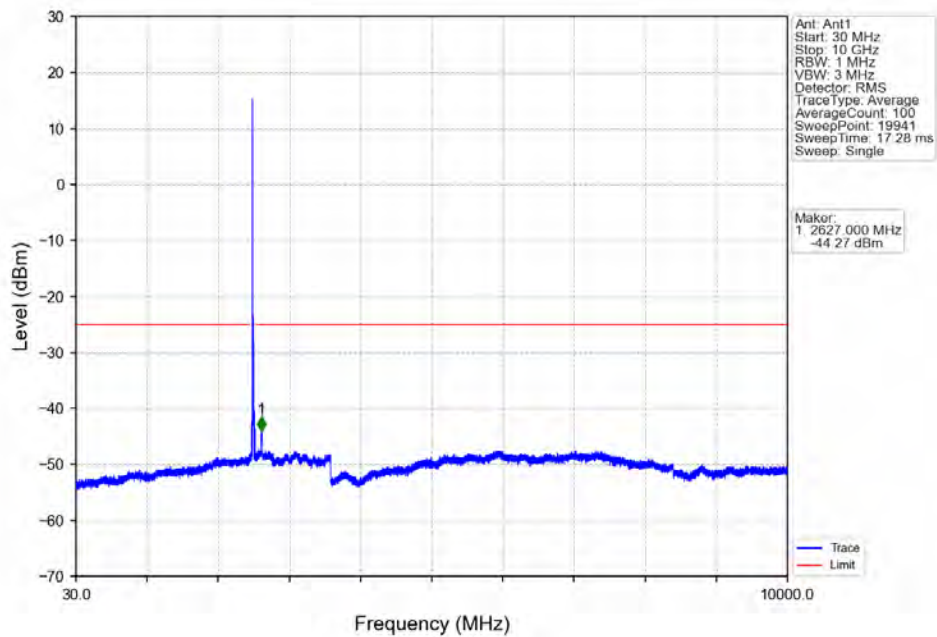
Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

6.4.2 Test Graph

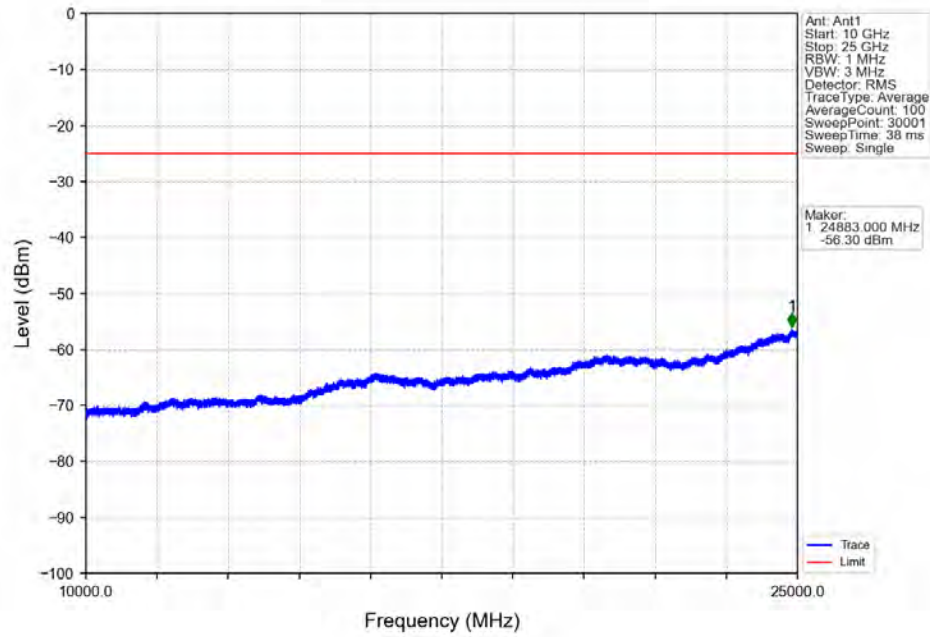
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



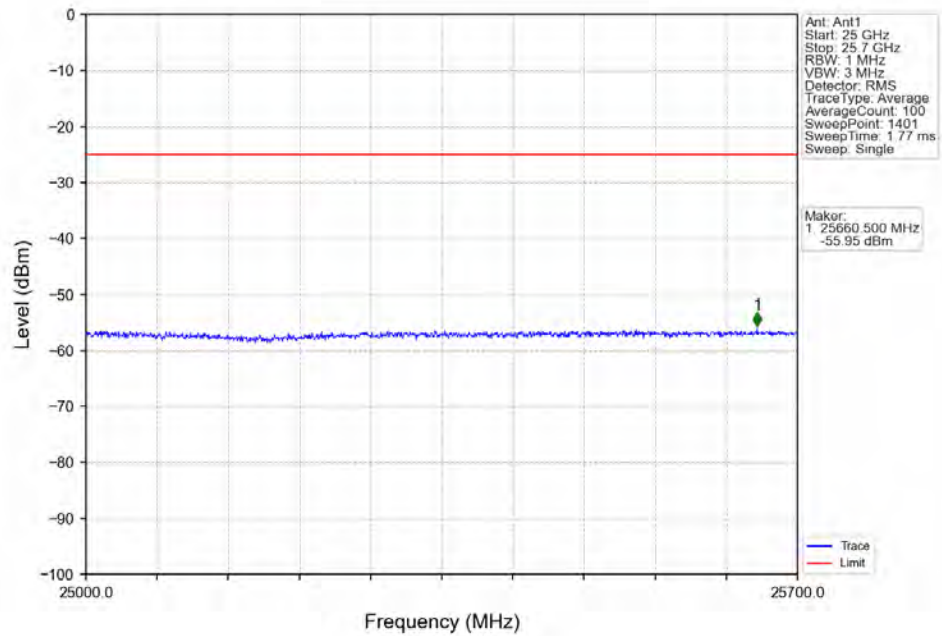
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



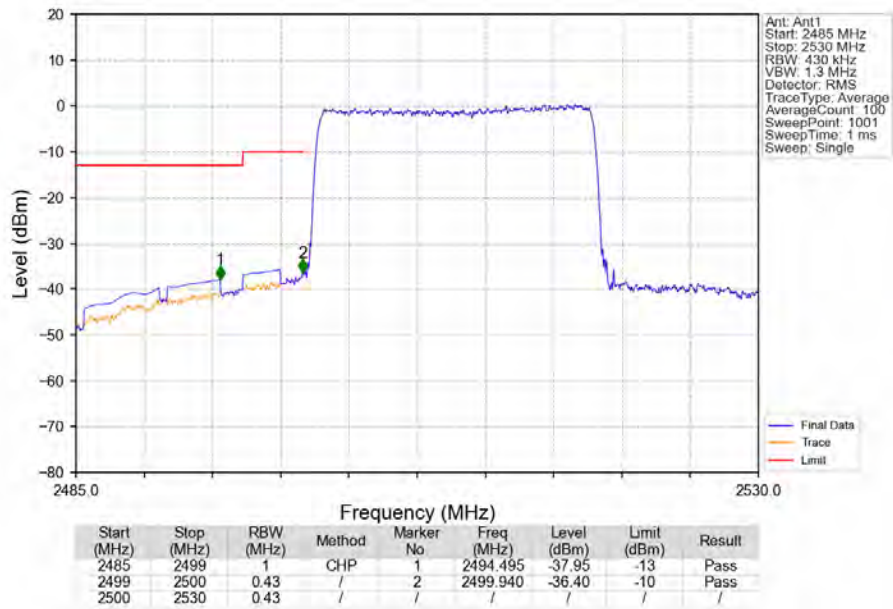
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



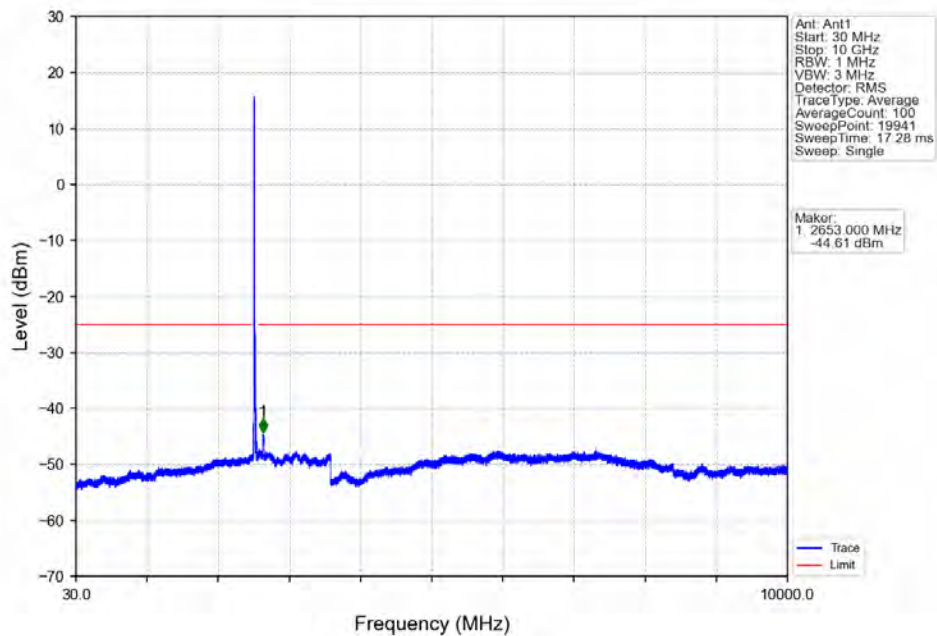
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



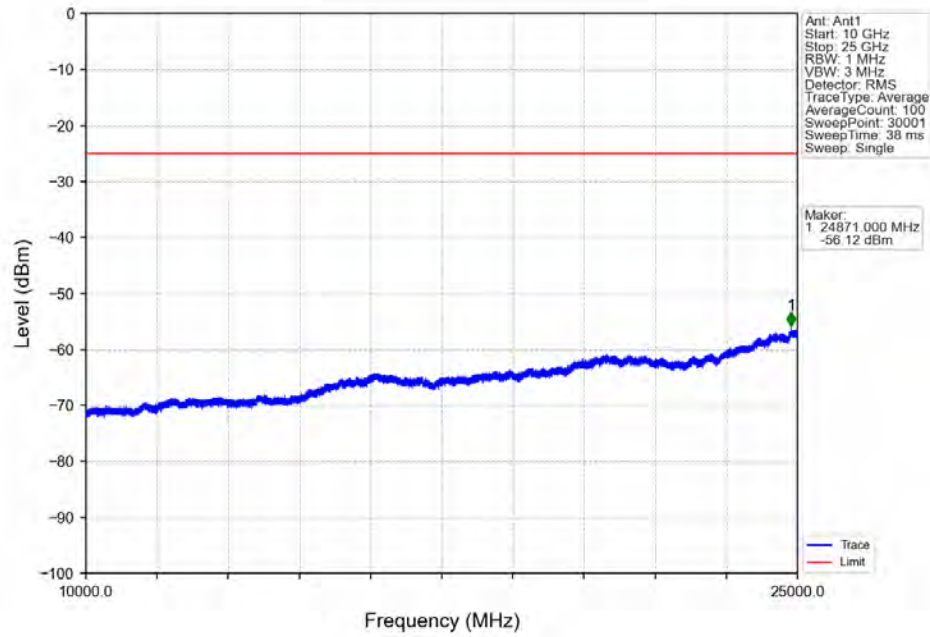
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



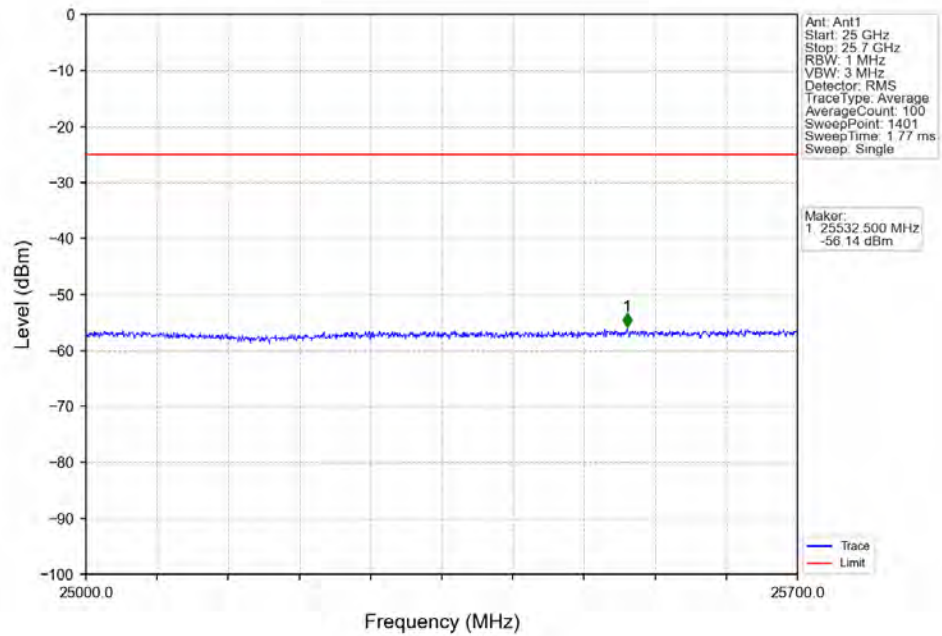
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



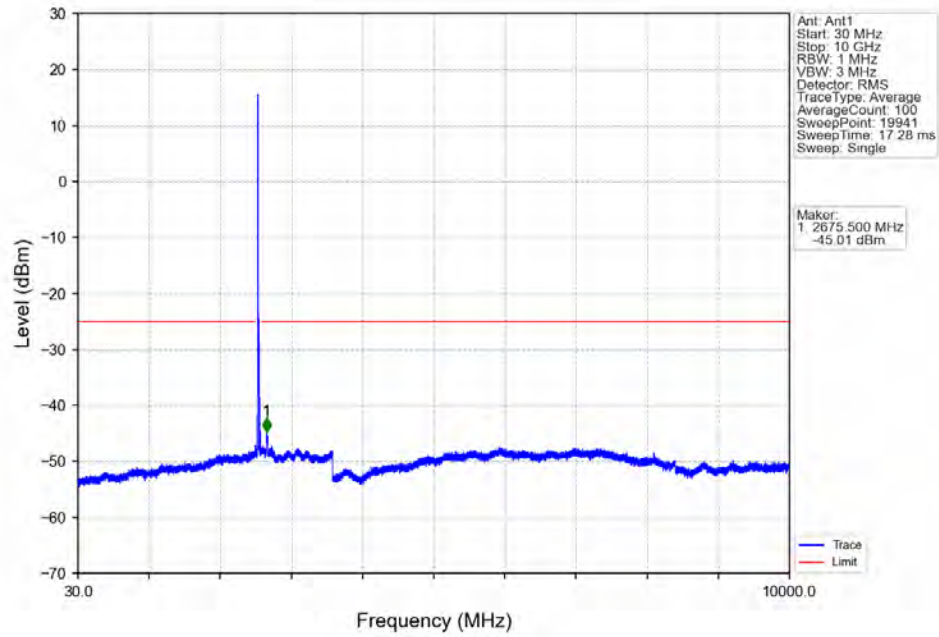
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



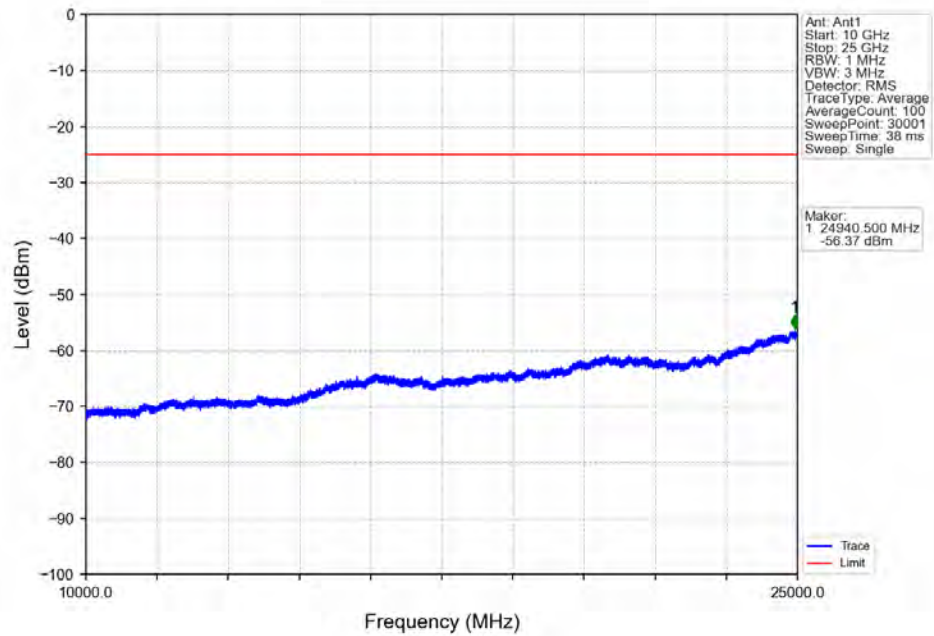
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



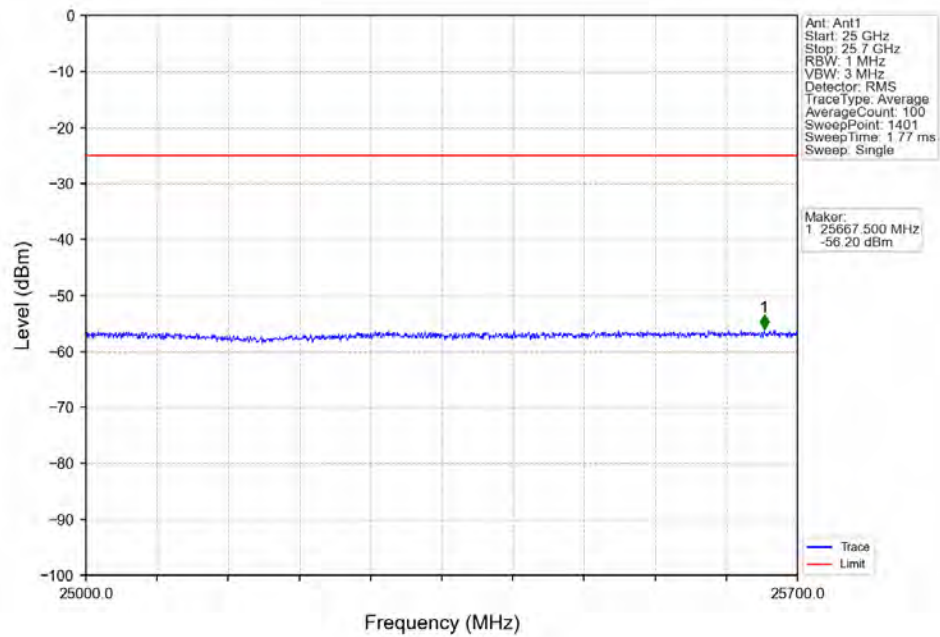
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



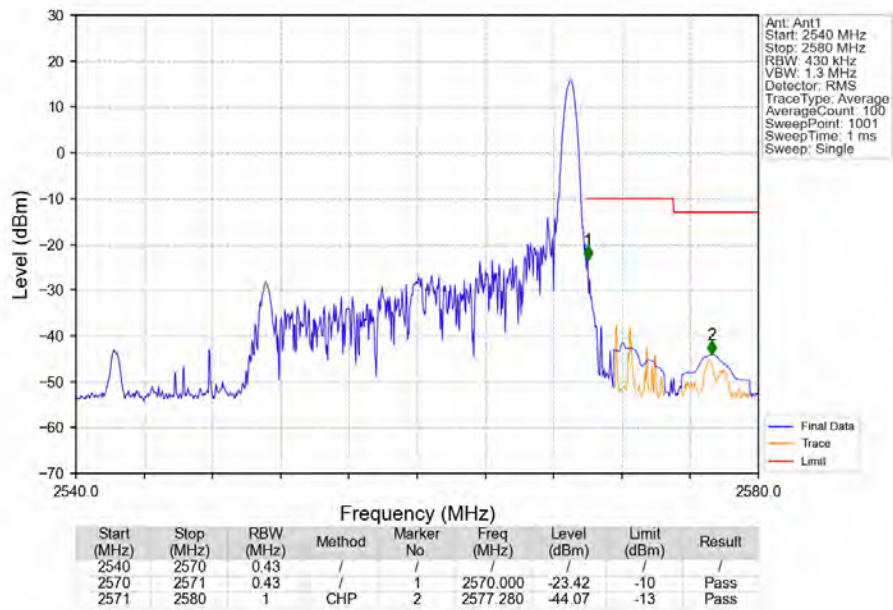
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



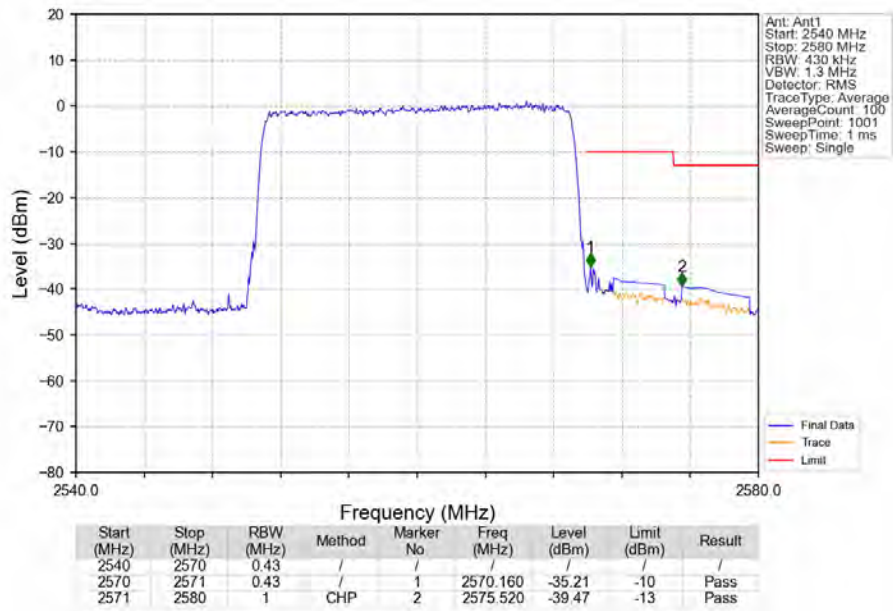
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



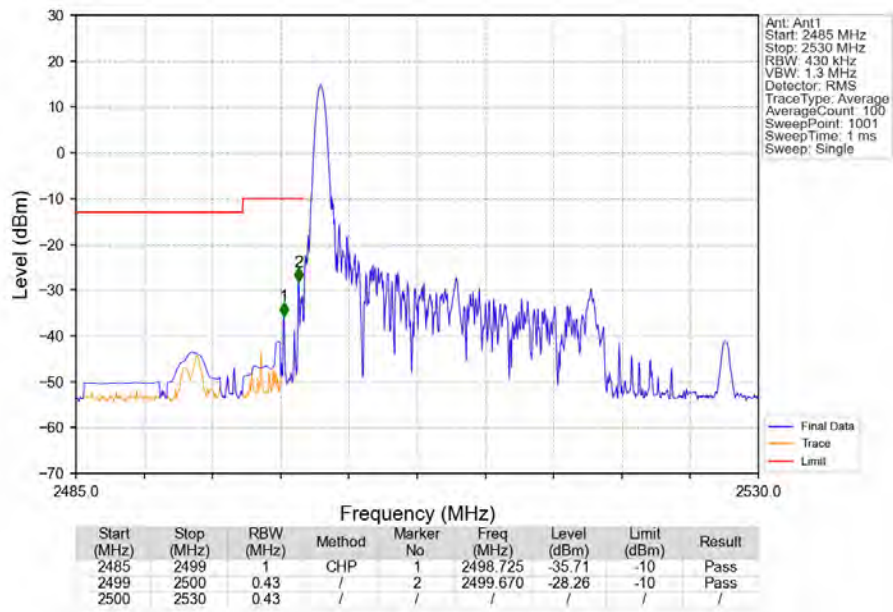
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



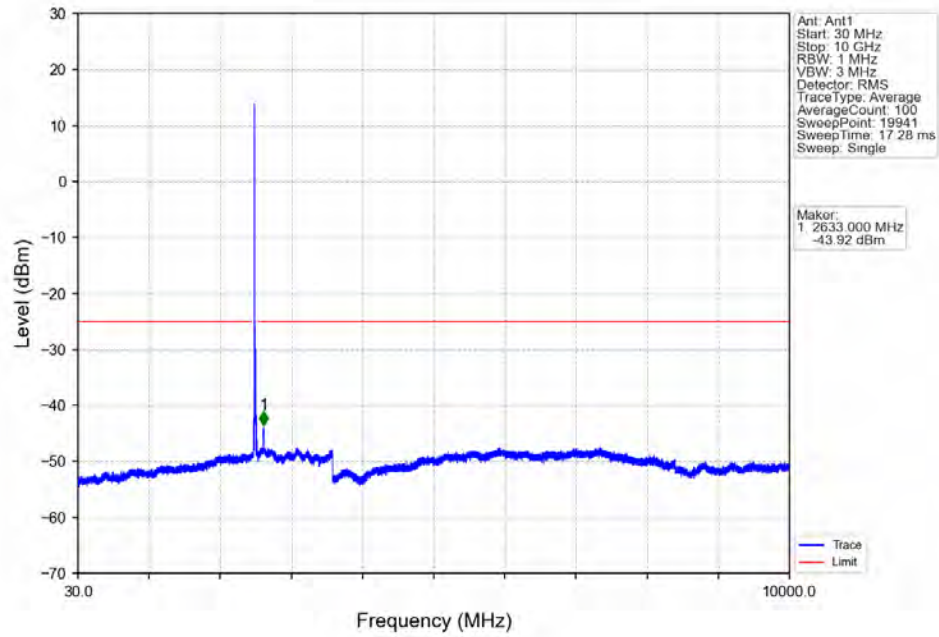
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



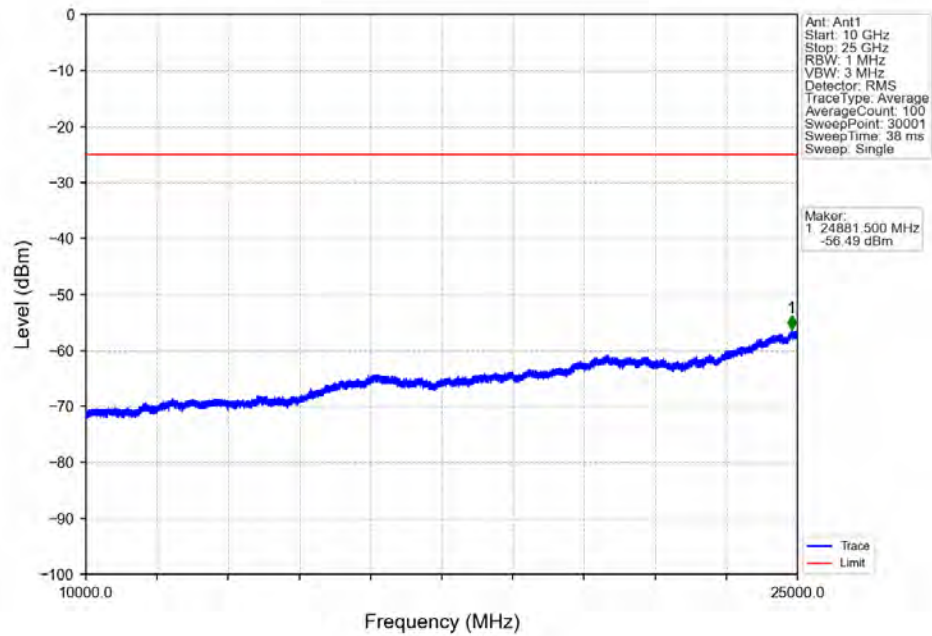
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



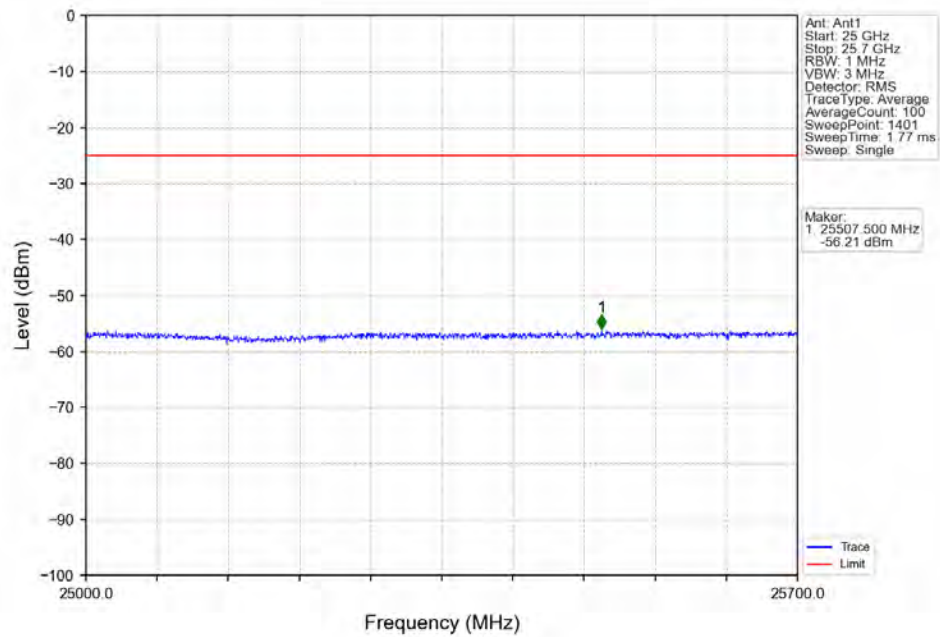
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



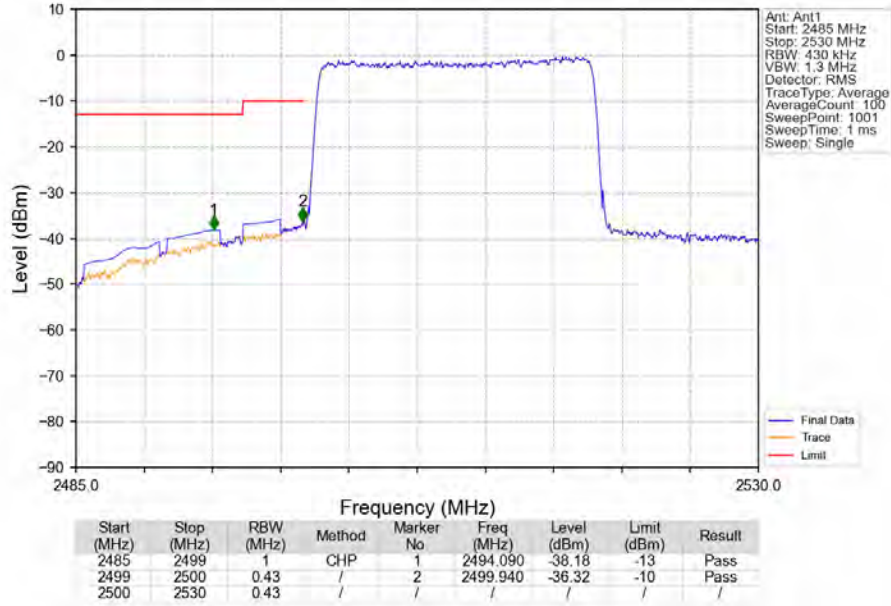
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



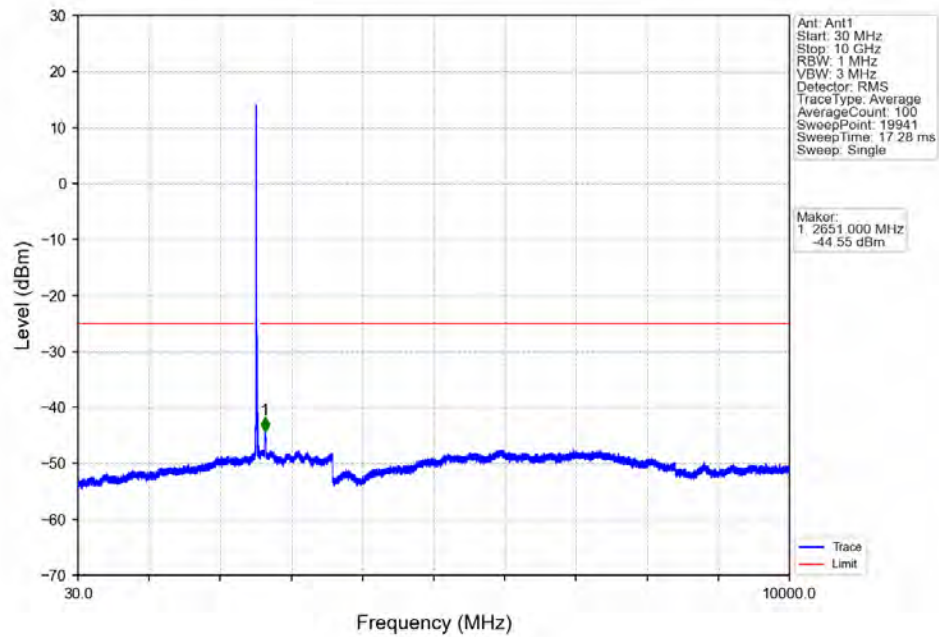
Band7_20MHz_16QAM_LCH_2510MHz_RB_1_0_NTNV



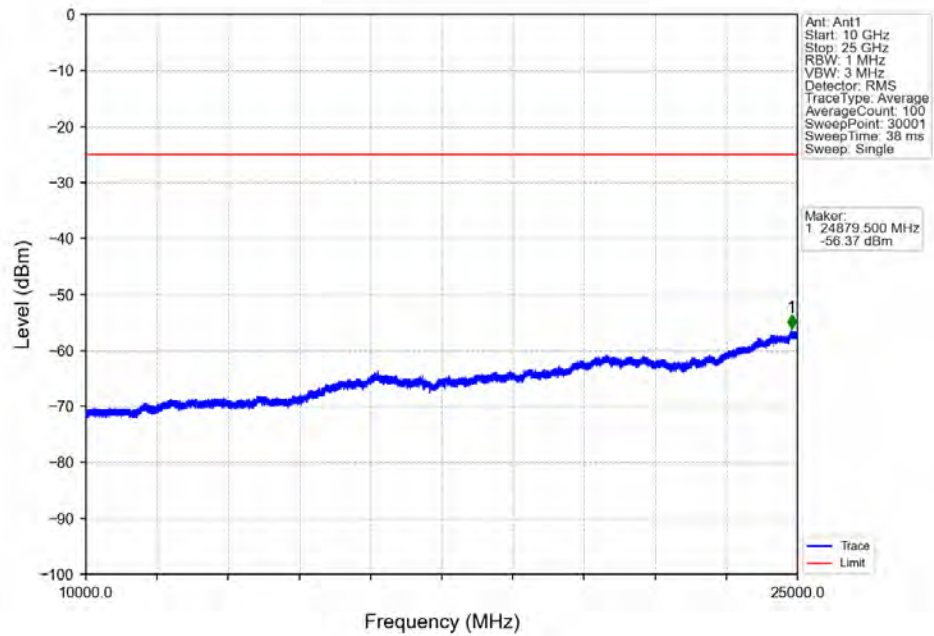
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



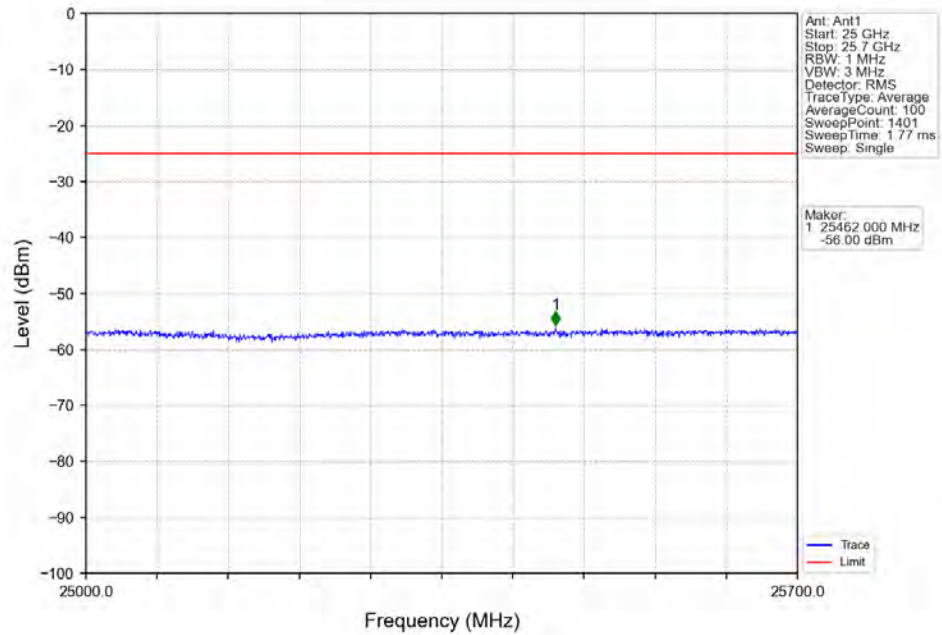
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



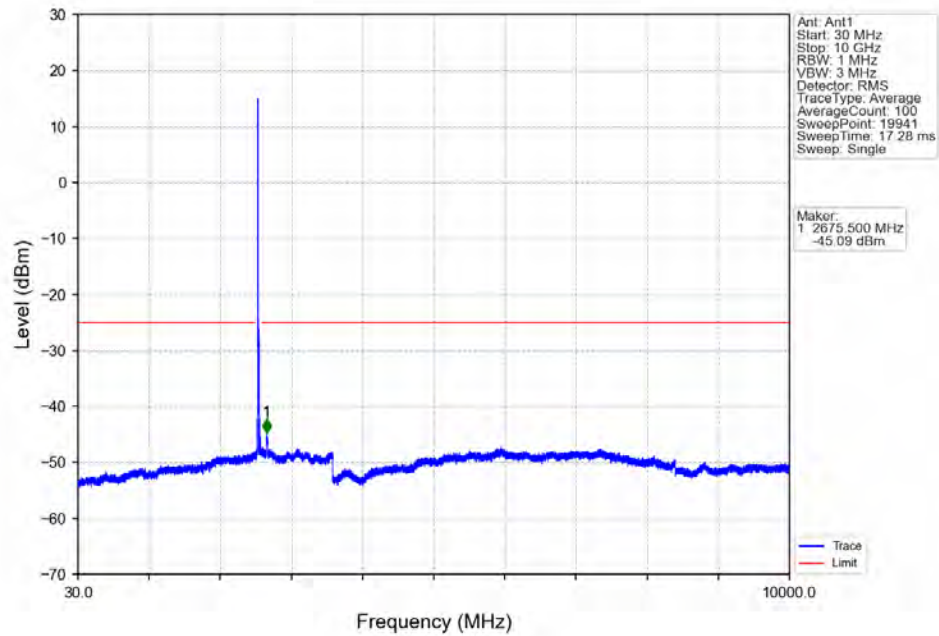
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



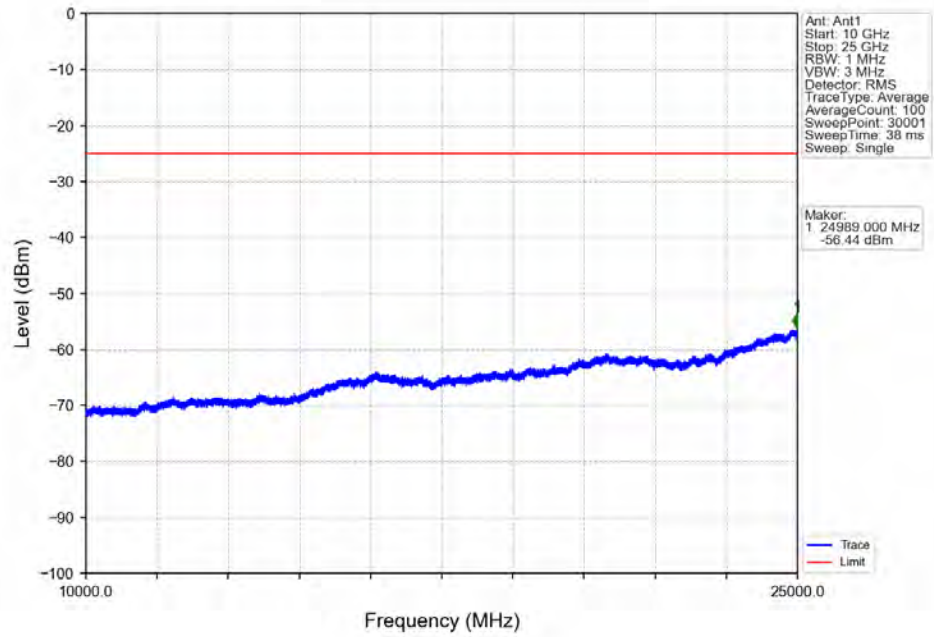
Band7_20MHz_16QAM_MCH_2535MHz_RB_1_0_NTNV



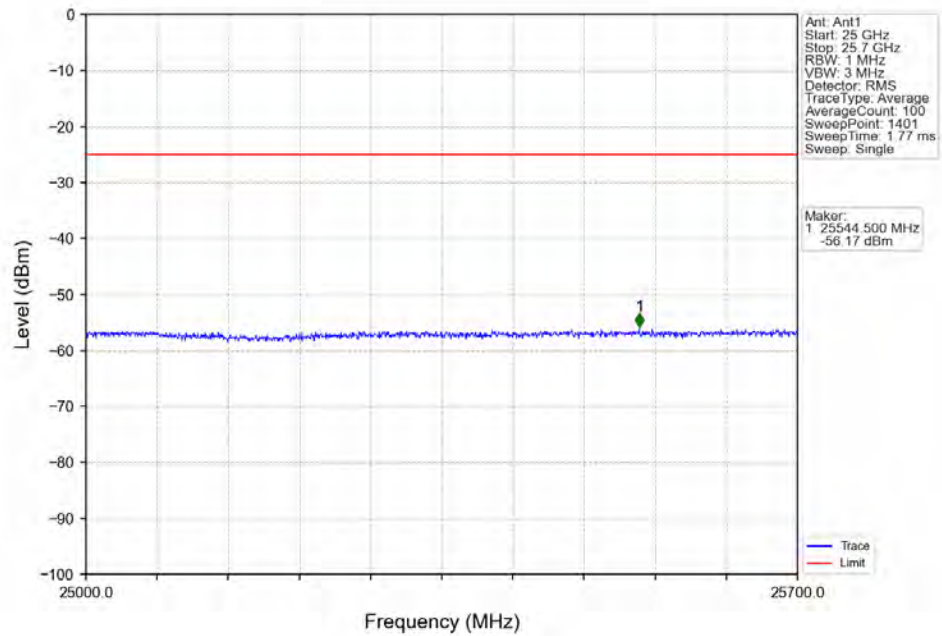
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



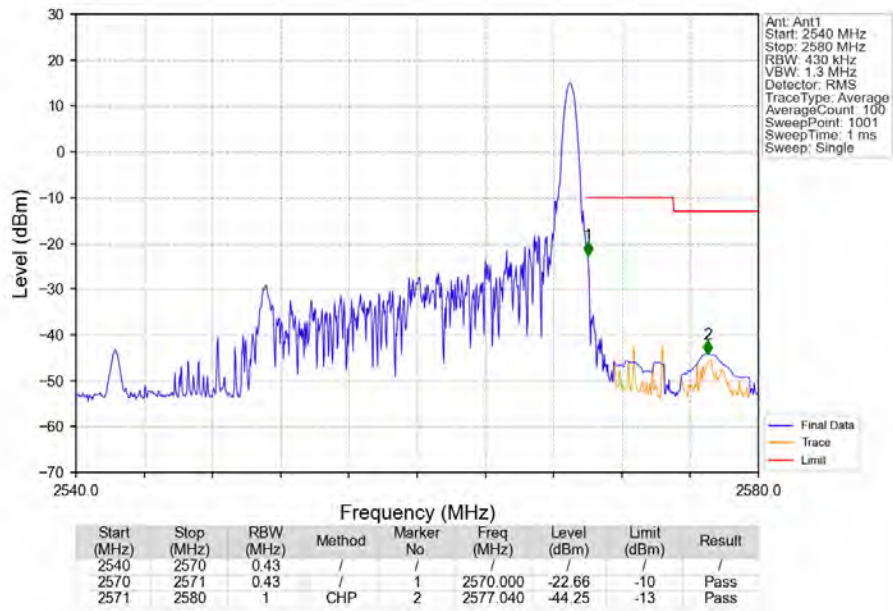
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



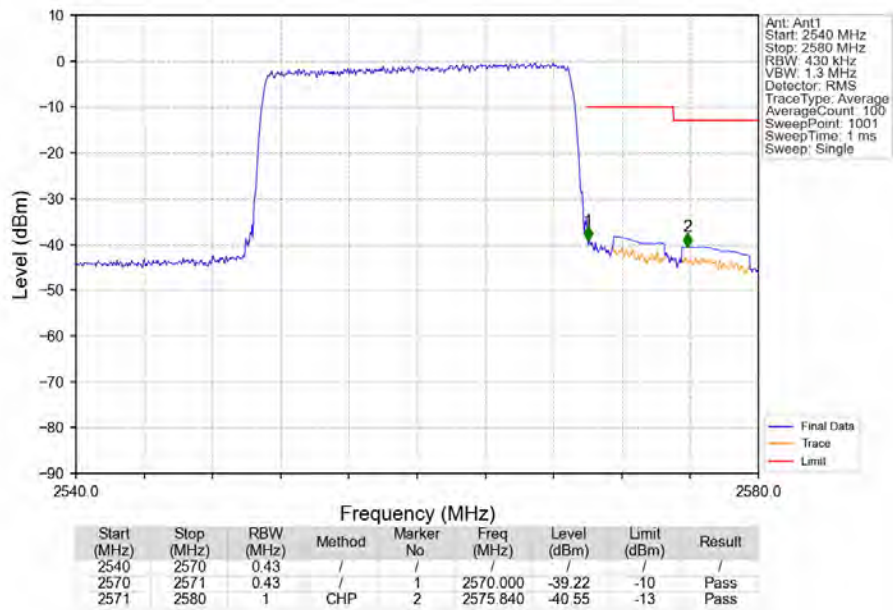
Band7_20MHz_16QAM_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.2193	0.0170	ppm	4M60G7D	27M	23.41
7	5	2502.5	2567.5	0.1766	0.0180	ppm	4M61W7D	27M	22.47
7	5	2502.5	2567.5	0.1766	0.0180	ppm	4M61W7D	27M	22.47
7	5	2502.5	2567.5	0.1766	0.0180	ppm	4M61W7D	27M	22.47
7	5	2502.5	2567.5	0.1766	0.0180	ppm	4M61W7D	27M	22.47
7	5	2502.5	2567.5	0.1766	0.0180	ppm	4M61W7D	27M	22.47
7	5	2502.5	2567.5	0.1766	0.0180	ppm	4M61W7D	27M	22.47
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.2148	0.0178	ppm	9M09G7D	27M	23.32
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	10	2505	2565	0.1824	0.0155	ppm	9M12W7D	27M	22.61
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0184	ppm	13M7G7D	27M	23.29
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	15	2507.5	2562.5	0.1820	0.0185	ppm	13M6W7D	27M	22.60
7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22
7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22
7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22

7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22
7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22
7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22
7	20	2510	2560	0.2099	0.0184	ppm	18M2G7D	27M	23.22
7	20	2510	2560	0.1782	0.0150	ppm	18M2W7D	27M	22.51
7	20	2510	2560	0.1782	0.0150	ppm	18M2W7D	27M	22.51
7	20	2510	2560	0.1782	0.0150	ppm	18M2W7D	27M	22.51
7	20	2510	2560	0.1782	0.0150	ppm	18M2W7D	27M	22.51
7	20	2510	2560	0.1782	0.0150	ppm	18M2W7D	27M	22.51
7	20	2510	2560	0.1782	0.0150	ppm	18M2W7D	27M	22.51

7.2 Form731_EIRP

7.2.1 Test Result

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	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2570	0.0170	ppm	4M60G7D	27M	24.10
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	5	2502.5	2567.5	0.2070	0.0180	ppm	4M61W7D	27M	23.16
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2518	0.0178	ppm	9M09G7D	27M	24.01
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	10	2505	2565	0.2138	0.0155	ppm	9M12W7D	27M	23.30
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2500	0.0184	ppm	13M7G7D	27M	23.98
7	15	2507.5	2562.5	0.2133	0.0185	ppm	13M6W7D	27M	23.29
7	15	2507.5	2562.5	0.2133	0.0185	ppm	13M6W7D	27M	23.29

[illegible]