

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	21.04	-1.12	19.92	<=33.01	Pass
			13	21.15	-1.12	20.03	<=33.01	Pass
			24	20.97	-1.12	19.85	<=33.01	Pass
		12	0	20.30	-1.12	19.18	<=33.01	Pass
			6	20.37	-1.12	19.25	<=33.01	Pass
			13	20.11	-1.12	18.99	<=33.01	Pass
		25	0	20.14	-1.12	19.02	<=33.01	Pass
	2593	1	0	20.69	-1.12	19.57	<=33.01	Pass
			13	20.75	-1.12	19.63	<=33.01	Pass
			24	20.56	-1.12	19.44	<=33.01	Pass
		12	0	19.91	-1.12	18.79	<=33.01	Pass
			6	19.82	-1.12	18.70	<=33.01	Pass
			13	19.89	-1.12	18.77	<=33.01	Pass
		25	0	19.91	-1.12	18.79	<=33.01	Pass
	2687.5	1	0	21.18	-1.12	20.06	<=33.01	Pass
			13	21.28	-1.12	20.16	<=33.01	Pass
			24	21.20	-1.12	20.08	<=33.01	Pass
		12	0	20.04	-1.12	18.92	<=33.01	Pass
			6	20.08	-1.12	18.96	<=33.01	Pass
			13	20.15	-1.12	19.03	<=33.01	Pass
		25	0	20.11	-1.12	18.99	<=33.01	Pass
16QAM	2498.5	1	0	20.05	-1.12	18.93	<=33.01	Pass
			13	20.17	-1.12	19.05	<=33.01	Pass
			24	20.15	-1.12	19.03	<=33.01	Pass
		12	0	19.08	-1.12	17.96	<=33.01	Pass
			6	19.20	-1.12	18.08	<=33.01	Pass
			13	19.25	-1.12	18.13	<=33.01	Pass
		25	0	19.14	-1.12	18.02	<=33.01	Pass
	2593	1	0	19.60	-1.12	18.48	<=33.01	Pass
			13	19.70	-1.12	18.58	<=33.01	Pass
			24	19.78	-1.12	18.66	<=33.01	Pass
		12	0	18.90	-1.12	17.78	<=33.01	Pass
			6	18.67	-1.12	17.55	<=33.01	Pass
			13	18.88	-1.12	17.76	<=33.01	Pass
		25	0	18.74	-1.12	17.62	<=33.01	Pass
	2687.5	1	0	19.97	-1.12	18.85	<=33.01	Pass
			13	20.13	-1.12	19.01	<=33.01	Pass
			24	20.04	-1.12	18.92	<=33.01	Pass
		12	0	18.98	-1.12	17.86	<=33.01	Pass
			6	19.17	-1.12	18.05	<=33.01	Pass
			13	18.99	-1.12	17.87	<=33.01	Pass
		25	0	19.04	-1.12	17.92	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	21.08	-1.12	19.96	<=33.01	Pass
			25	21.54	-1.12	20.42	<=33.01	Pass
			49	21.27	-1.12	20.15	<=33.01	Pass
		25	0	20.20	-1.12	19.08	<=33.01	Pass
			13	20.15	-1.12	19.03	<=33.01	Pass
			25	20.13	-1.12	19.01	<=33.01	Pass
		50	0	20.33	-1.12	19.21	<=33.01	Pass
	2593	1	0	20.76	-1.12	19.64	<=33.01	Pass
			25	21.02	-1.12	19.90	<=33.01	Pass
			49	20.72	-1.12	19.60	<=33.01	Pass
		25	0	19.73	-1.12	18.61	<=33.01	Pass
			13	19.93	-1.12	18.81	<=33.01	Pass
			25	19.92	-1.12	18.80	<=33.01	Pass
		50	0	19.72	-1.12	18.60	<=33.01	Pass
	2685	1	0	21.08	-1.12	19.96	<=33.01	Pass
			25	21.60	-1.12	20.48	<=33.01	Pass
			49	21.16	-1.12	20.04	<=33.01	Pass
		25	0	20.06	-1.12	18.94	<=33.01	Pass
			13	20.05	-1.12	18.93	<=33.01	Pass
			25	20.20	-1.12	19.08	<=33.01	Pass
		50	0	20.05	-1.12	18.93	<=33.01	Pass
16QAM	2501	1	0	20.05	-1.12	18.93	<=33.01	Pass
			25	20.67	-1.12	19.55	<=33.01	Pass
			49	20.43	-1.12	19.31	<=33.01	Pass
		12	0	20.32	-1.12	19.20	<=33.01	Pass
			19	20.36	-1.12	19.24	<=33.01	Pass
			38	20.29	-1.12	19.17	<=33.01	Pass
		27	0	19.38	-1.12	18.26	<=33.01	Pass
	2593	1	0	19.57	-1.12	18.45	<=33.01	Pass
			25	19.83	-1.12	18.71	<=33.01	Pass
			49	19.56	-1.12	18.44	<=33.01	Pass
		12	0	19.82	-1.12	18.70	<=33.01	Pass
			19	19.88	-1.12	18.76	<=33.01	Pass
			38	19.80	-1.12	18.68	<=33.01	Pass
		27	0	18.93	-1.12	17.81	<=33.01	Pass
	2685	1	0	19.95	-1.12	18.83	<=33.01	Pass
			25	20.27	-1.12	19.15	<=33.01	Pass
			49	20.07	-1.12	18.95	<=33.01	Pass
		12	0	19.83	-1.12	18.71	<=33.01	Pass
			19	20.11	-1.12	18.99	<=33.01	Pass
			38	19.93	-1.12	18.81	<=33.01	Pass
		27	23	19.22	-1.12	18.10	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	21.10	-1.12	19.98	<=33.01	Pass
			38	21.22	-1.12	20.10	<=33.01	Pass
			74	21.05	-1.12	19.93	<=33.01	Pass
		36	0	20.33	-1.12	19.21	<=33.01	Pass
			18	20.15	-1.12	19.03	<=33.01	Pass
			39	20.15	-1.12	19.03	<=33.01	Pass

	2593	75	0	20.34	-1.12	19.22	<=33.01	Pass		
			0	20.68	-1.12	19.56	<=33.01	Pass		
			1	38	21.02	-1.12	19.90	<=33.01	Pass	
				74	20.65	-1.12	19.53	<=33.01	Pass	
		36	0	19.95	-1.12	18.83	<=33.01	Pass		
			18	19.98	-1.12	18.86	<=33.01	Pass		
			39	19.96	-1.12	18.84	<=33.01	Pass		
			75	0	19.98	-1.12	18.86	<=33.01	Pass	
		2682.5	1	0	21.05	-1.12	19.93	<=33.01	Pass	
				38	21.33	-1.12	20.21	<=33.01	Pass	
				74	21.24	-1.12	20.12	<=33.01	Pass	
				0	20.16	-1.12	19.04	<=33.01	Pass	
	36		18	20.20	-1.12	19.08	<=33.01	Pass		
			39	20.19	-1.12	19.07	<=33.01	Pass		
			75	0	20.17	-1.12	19.05	<=33.01	Pass	
	16QAM		2503.5	1	0	20.32	-1.12	19.20	<=33.01	Pass
		38			20.45	-1.12	19.33	<=33.01	Pass	
		74			19.88	-1.12	18.76	<=33.01	Pass	
		0			20.06	-1.12	18.94	<=33.01	Pass	
		12		31	20.29	-1.12	19.17	<=33.01	Pass	
				63	20.25	-1.12	19.13	<=33.01	Pass	
				27	0	19.25	-1.12	18.13	<=33.01	Pass
				0	19.53	-1.12	18.41	<=33.01	Pass	
		2593		1	38	19.77	-1.12	18.65	<=33.01	Pass
74					19.48	-1.12	18.36	<=33.01	Pass	
0					19.79	-1.12	18.67	<=33.01	Pass	
12				31	19.91	-1.12	18.79	<=33.01	Pass	
			63	19.75	-1.12	18.63	<=33.01	Pass		
			27	0	18.89	-1.12	17.77	<=33.01	Pass	
2682.5		1	0	19.89	-1.12	18.77	<=33.01	Pass		
			38	20.07	-1.12	18.95	<=33.01	Pass		
			74	20.06	-1.12	18.94	<=33.01	Pass		
			0	19.93	-1.12	18.81	<=33.01	Pass		
		12	31	20.07	-1.12	18.95	<=33.01	Pass		
			63	20.10	-1.12	18.98	<=33.01	Pass		
			27	48	19.22	-1.12	18.10	<=33.01	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain								

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	20.77	-1.12	19.65	<=33.01	Pass
			50	21.14	-1.12	20.02	<=33.01	Pass
			99	20.73	-1.12	19.61	<=33.01	Pass
		50	0	20.09	-1.12	18.97	<=33.01	Pass
			25	20.09	-1.12	18.97	<=33.01	Pass
			50	20.05	-1.12	18.93	<=33.01	Pass
		100	0	20.24	-1.12	19.12	<=33.01	Pass
	2593	1	0	20.71	-1.12	19.59	<=33.01	Pass
			50	20.93	-1.12	19.81	<=33.01	Pass
			99	20.39	-1.12	19.27	<=33.01	Pass
		50	0	19.69	-1.12	18.57	<=33.01	Pass
			25	19.90	-1.12	18.78	<=33.01	Pass
			50	19.74	-1.12	18.62	<=33.01	Pass
		100	0	19.71	-1.12	18.59	<=33.01	Pass

16QAM	2680	1	0	20.73	-1.12	19.61	<=33.01	Pass
			50	21.41	-1.12	20.29	<=33.01	Pass
			99	20.99	-1.12	19.87	<=33.01	Pass
		50	0	20.05	-1.12	18.93	<=33.01	Pass
			25	19.98	-1.12	18.86	<=33.01	Pass
			50	20.12	-1.12	19.00	<=33.01	Pass
		100	0	20.08	-1.12	18.96	<=33.01	Pass
			0	20.03	-1.12	18.91	<=33.01	Pass
			50	20.34	-1.12	19.22	<=33.01	Pass
	2506	1	99	19.36	-1.12	18.24	<=33.01	Pass
			0	19.87	-1.12	18.75	<=33.01	Pass
			44	20.25	-1.12	19.13	<=33.01	Pass
		12	88	19.96	-1.12	18.84	<=33.01	Pass
			0	18.99	-1.12	17.87	<=33.01	Pass
			0	19.49	-1.12	18.37	<=33.01	Pass
		27	50	19.82	-1.12	18.70	<=33.01	Pass
			99	19.42	-1.12	18.30	<=33.01	Pass
			0	19.54	-1.12	18.42	<=33.01	Pass
	2593	1	44	19.74	-1.12	18.62	<=33.01	Pass
			88	19.64	-1.12	18.52	<=33.01	Pass
			0	18.63	-1.12	17.51	<=33.01	Pass
		12	0	19.94	-1.12	18.82	<=33.01	Pass
			50	20.22	-1.12	19.10	<=33.01	Pass
			99	20.13	-1.12	19.01	<=33.01	Pass
		27	0	19.70	-1.12	18.58	<=33.01	Pass
			44	20.01	-1.12	18.89	<=33.01	Pass
			88	19.77	-1.12	18.65	<=33.01	Pass
	2680	1	73	19.13	-1.12	18.01	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	3.27	-12.589	-0.0050	-2.5 to 2.5	Pass
					3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
					4.43	-2.904	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
					3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
					3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	-6.280	-0.0025	-2.5 to 2.5	Pass
					3.85	-8.612	-0.0034	-2.5 to 2.5	Pass
					3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.930	0.0004	-2.5 to 2.5	Pass
					3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
					3.85	-7.238	-0.0028	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-7.238	-0.0028	-2.5 to 2.5	Pass
					3.85	-2.460	-0.0009	-2.5 to 2.5	Pass
					4.43	-7.753	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-7.811	-0.0030	-2.5 to 2.5	Pass
					3.85	-7.496	-0.0029	-2.5 to 2.5	Pass
					3.85	-3.362	-0.0013	-2.5 to 2.5	Pass

				0	3.85	-15.450	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-3.948	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-13.547	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-5.608	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0021	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-25.077	-0.0093	-2.5 to 2.5	Pass
					3.85	-28.625	-0.0107	-2.5 to 2.5	Pass
					4.43	-24.848	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-28.911	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-17.223	-0.0064	-2.5 to 2.5	Pass
				-10	3.85	-8.054	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-13.876	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-3.519	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-13.404	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-13.847	-0.0052	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-0.558	-0.0002	-2.5 to 2.5	Pass
					3.85	-13.447	-0.0054	-2.5 to 2.5	Pass
					4.43	-11.902	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-9.842	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-13.976	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-4.792	-0.0019	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-9.398	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-10.171	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-4.649	-0.0019	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	0.415	0.0002	-2.5 to 2.5	Pass
					3.85	-1.917	-0.0007	-2.5 to 2.5	Pass
					4.43	-2.174	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.830	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-15.492	-0.0060	-2.5 to 2.5	Pass
				0	3.85	7.854	0.0030	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-14.620	-0.0056	-2.5 to 2.5	Pass
				40	3.85	-12.517	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-22.774	-0.0085	-2.5 to 2.5	Pass
					3.85	-9.942	-0.0037	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.992	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-24.390	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-21.558	-0.0080	-2.5 to 2.5	Pass
				0	3.85	-12.503	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-11.673	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-14.033	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-19.369	-0.0072	-2.5 to 2.5	Pass
				50	3.85	-23.274	-0.0087	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2501	50	0	20	3.27	-12.660	-0.0051	-2.5 to 2.5	Pass
					3.85	-8.554	-0.0034	-2.5 to 2.5	Pass

					4.43	-4.635	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.264	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-10.271	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-12.131	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-3.719	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-11.258	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-11.730	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-7.296	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-8.011	-0.0032	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-8.426	-0.0032	-2.5 to 2.5	Pass
					3.85	-12.589	-0.0049	-2.5 to 2.5	Pass
					4.43	-11.358	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-11.959	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-3.791	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-10.986	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-12.503	-0.0048	-2.5 to 2.5	Pass
				10	3.85	-8.354	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-4.635	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-2.961	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-7.868	-0.0030	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-5.493	-0.0020	-2.5 to 2.5	Pass
					3.85	-10.071	-0.0038	-2.5 to 2.5	Pass
					4.43	-3.862	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-4.835	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-9.713	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-6.495	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-10.371	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-7.539	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-5.980	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-8.097	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-3.419	-0.0013	-2.5 to 2.5	Pass
16QAM	2501	27	0	20	3.27	-6.795	-0.0027	-2.5 to 2.5	Pass
					3.85	-2.017	-0.0008	-2.5 to 2.5	Pass
					4.43	-12.689	-0.0051	-2.5 to 2.5	Pass
				-30	3.85	-8.297	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	2.789	0.0011	-2.5 to 2.5	Pass
				0	3.85	-10.700	-0.0043	-2.5 to 2.5	Pass
				10	3.85	1.559	0.0006	-2.5 to 2.5	Pass
				30	3.85	-10.872	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-9.055	-0.0036	-2.5 to 2.5	Pass
	2593	27	0	20	3.27	-6.051	-0.0023	-2.5 to 2.5	Pass
					3.85	-10.171	-0.0039	-2.5 to 2.5	Pass
					4.43	-9.041	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-16.208	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-8.926	-0.0034	-2.5 to 2.5	Pass
				-10	3.85	-10.042	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-10.271	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-10.686	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-8.783	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-9.670	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-4.663	-0.0018	-2.5 to 2.5	Pass
	2685	27	23	20	3.27	-3.834	-0.0014	-2.5 to 2.5	Pass
					3.85	-13.576	-0.0051	-2.5 to 2.5	Pass
					4.43	-2.804	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-10.557	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	5.193	0.0019	-2.5 to 2.5	Pass
				-10	3.85	-9.413	-0.0035	-2.5 to 2.5	Pass

				0	3.85	-6.022	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-7.181	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-7.010	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-6.938	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0015	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.27	-6.080	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.967	-0.0028	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.535	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-7.510	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-7.339	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-6.108	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-8.655	-0.0035	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-10.657	-0.0041	-2.5 to 2.5	Pass
					3.85	-10.686	-0.0041	-2.5 to 2.5	Pass
					4.43	-11.230	-0.0043	-2.5 to 2.5	Pass
				-30	3.85	-8.039	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-9.327	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-13.504	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-12.174	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-8.798	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-6.180	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-13.704	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-9.127	-0.0035	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-7.911	-0.0029	-2.5 to 2.5	Pass
					3.85	-4.592	-0.0017	-2.5 to 2.5	Pass
					4.43	-5.636	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.963	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-16.479	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-3.276	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-7.768	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-6.537	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-12.460	-0.0046	-2.5 to 2.5	Pass
16QAM	2503.5	27	0	20	3.27	-13.347	-0.0053	-2.5 to 2.5	Pass
					3.85	-16.837	-0.0067	-2.5 to 2.5	Pass
					4.43	1.717	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-11.415	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-12.746	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-14.935	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-1.345	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-5.622	-0.0022	-2.5 to 2.5	Pass
				40	3.85	-12.202	-0.0049	-2.5 to 2.5	Pass
				50	3.85	-12.002	-0.0048	-2.5 to 2.5	Pass
	2593	27	0	20	3.27	-7.653	-0.0030	-2.5 to 2.5	Pass
					3.85	-8.869	-0.0034	-2.5 to 2.5	Pass

					4.43	-2.360	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-16.079	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-19.369	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-12.732	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-8.211	-0.0032	-2.5 to 2.5	Pass
				30	3.85	-11.058	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-14.591	-0.0056	-2.5 to 2.5	Pass
				50	3.85	-10.986	-0.0042	-2.5 to 2.5	Pass
	2682.5	27	48	20	3.27	-7.110	-0.0027	-2.5 to 2.5	Pass
					3.85	0.386	0.0001	-2.5 to 2.5	Pass
					4.43	-6.166	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	1.631	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-7.253	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-14.405	-0.0054	-2.5 to 2.5	Pass
				0	3.85	-1.144	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-11.215	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-2.747	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-10.958	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-6.838	-0.0025	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.27	-6.995	-0.0028	-2.5 to 2.5	Pass
					3.85	-9.642	-0.0038	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0027	-2.5 to 2.5	Pass
				-30	3.85	-2.403	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-6.909	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-8.297	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-4.177	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-6.423	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-5.207	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-13.890	-0.0055	-2.5 to 2.5	Pass
				50	3.85	1.659	0.0007	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-4.463	-0.0017	-2.5 to 2.5	Pass
					3.85	-12.703	-0.0049	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-4.592	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-7.038	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-10.457	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-7.138	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-7.610	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-3.662	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-12.202	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-10.357	-0.0040	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-5.808	-0.0022	-2.5 to 2.5	Pass
					3.85	1.016	0.0004	-2.5 to 2.5	Pass
					4.43	-5.836	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-7.653	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-7.539	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-11.830	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-7.925	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-11.487	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-14.849	-0.0055	-2.5 to 2.5	Pass

16QAM	2506	27	0	40	3.85	-13.533	-0.0050	-2.5 to 2.5	Pass
				50	3.85	-8.082	-0.0030	-2.5 to 2.5	Pass
				20	3.27	-11.315	-0.0045	-2.5 to 2.5	Pass
					3.85	-6.051	-0.0024	-2.5 to 2.5	Pass
				4.43	-12.059	-0.0048	-2.5 to 2.5	Pass	
					3.85	-9.441	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-8.698	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-10.858	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-6.337	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
	2593	27	0	10	3.85	-5.164	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-1.187	-0.0005	-2.5 to 2.5	Pass
				40	3.85	3.176	0.0013	-2.5 to 2.5	Pass
				50	3.85	-10.057	-0.0039	-2.5 to 2.5	Pass
				20	3.85	-6.223	-0.0024	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.437	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.980	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-3.633	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-9.055	-0.0035	-2.5 to 2.5	Pass
	2680	27	73	10	3.85	-3.018	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.877	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-5.236	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
				20	3.27	-1.216	-0.0005	-2.5 to 2.5	Pass
					3.85	-11.458	-0.0043	-2.5 to 2.5	Pass
				4.43	-5.207	-0.0019	-2.5 to 2.5	Pass	
					3.85	-6.351	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-12.331	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.379	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-11.745	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-12.016	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-12.546	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-1.917	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.715	-0.0003	-2.5 to 2.5	Pass
				50	3.85				

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

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

3.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	27	0	Refer To Test Graph		Pass

3.1.3 B41_15MHz

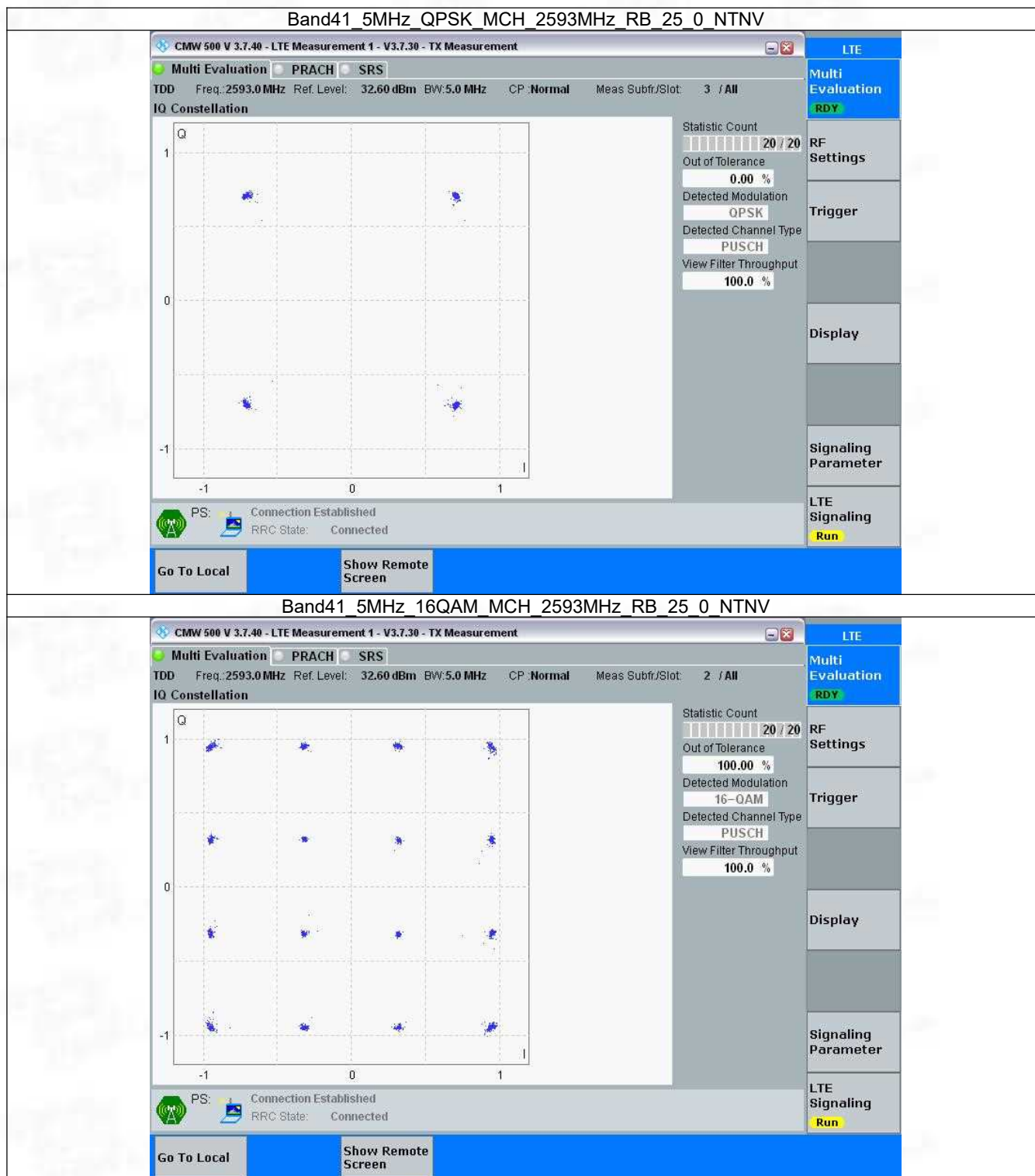
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	27	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

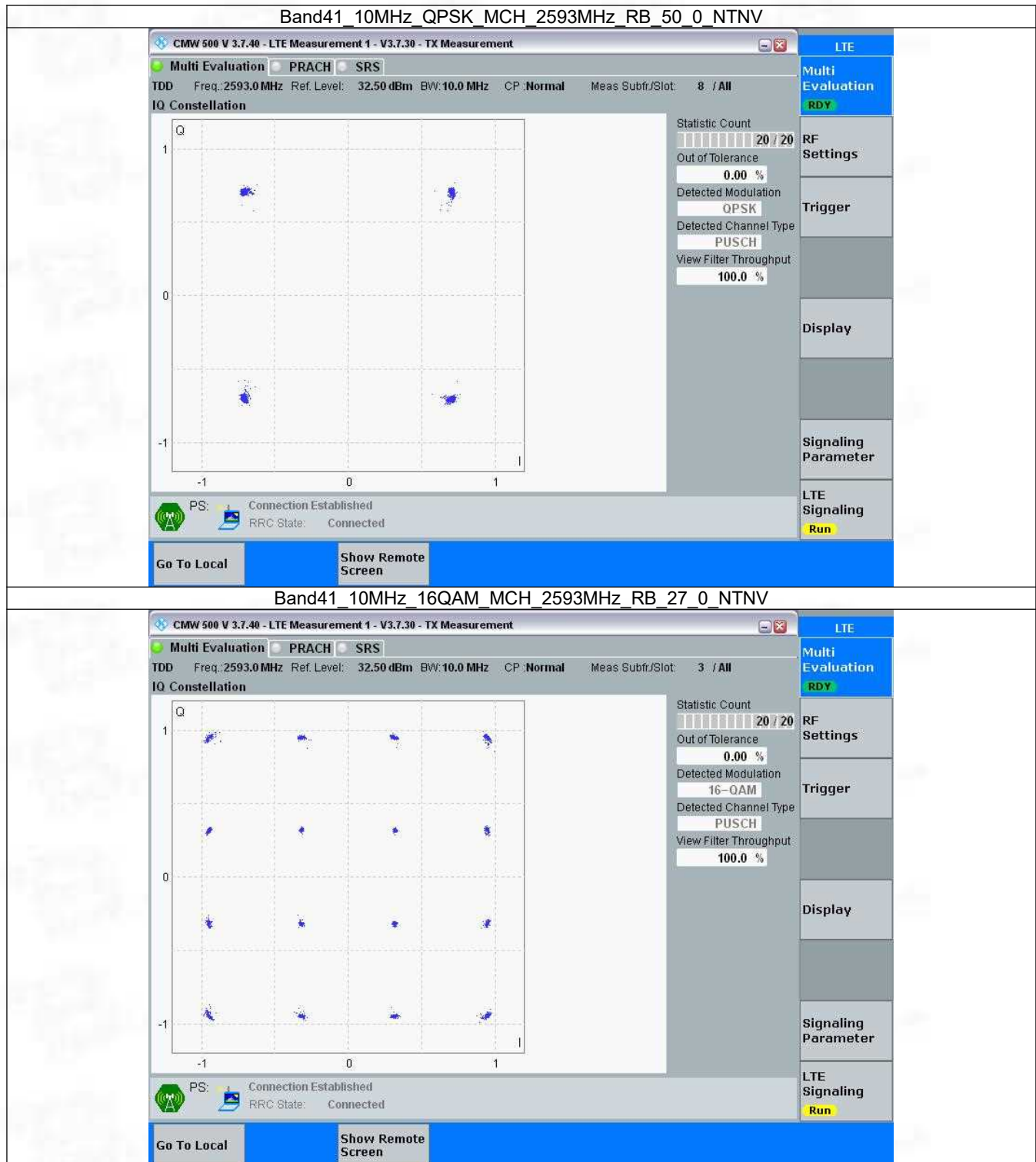
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	27	0	Refer To Test Graph		Pass

3.2 Test Graph

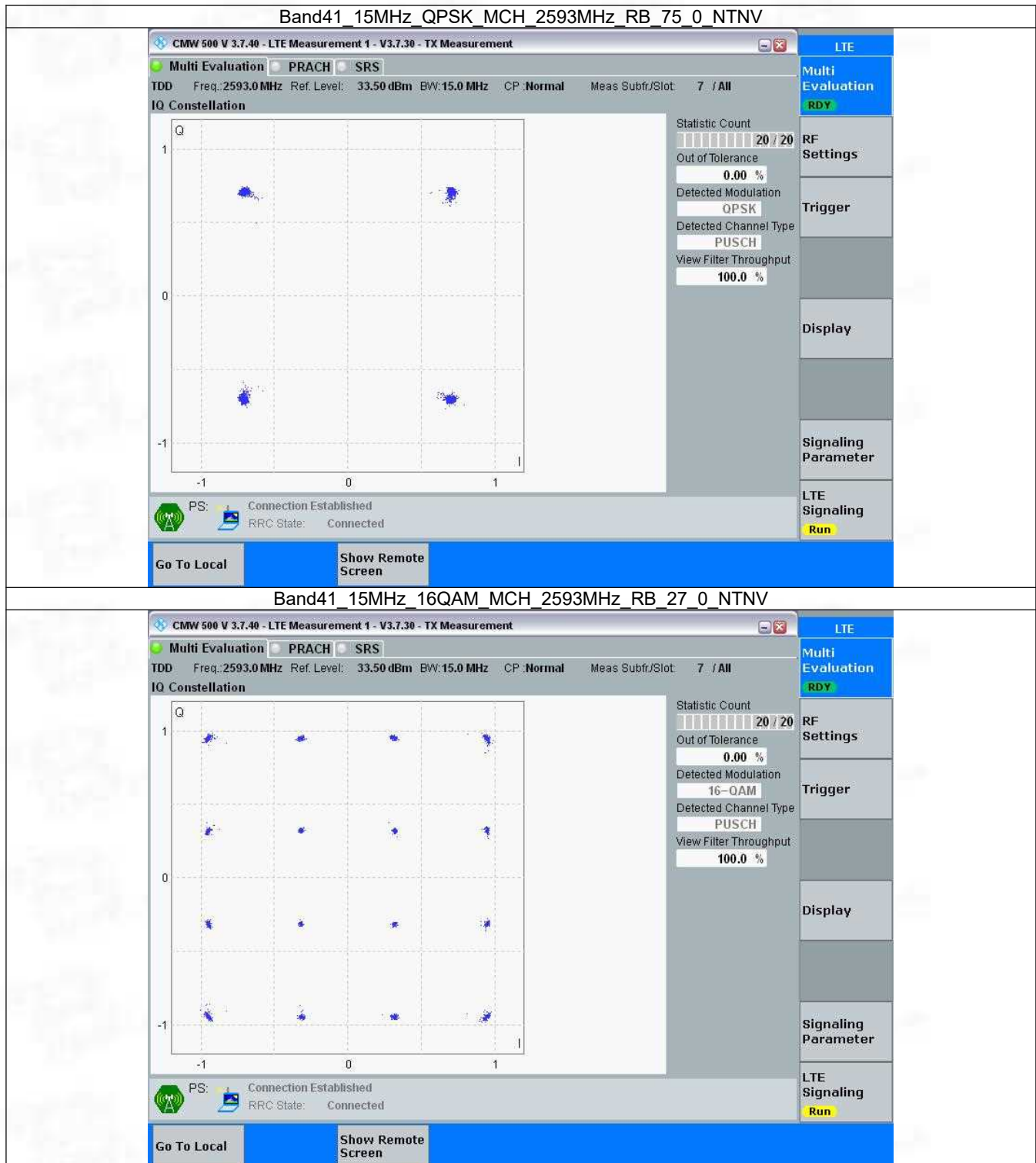
3.2.1 B41_5MHz



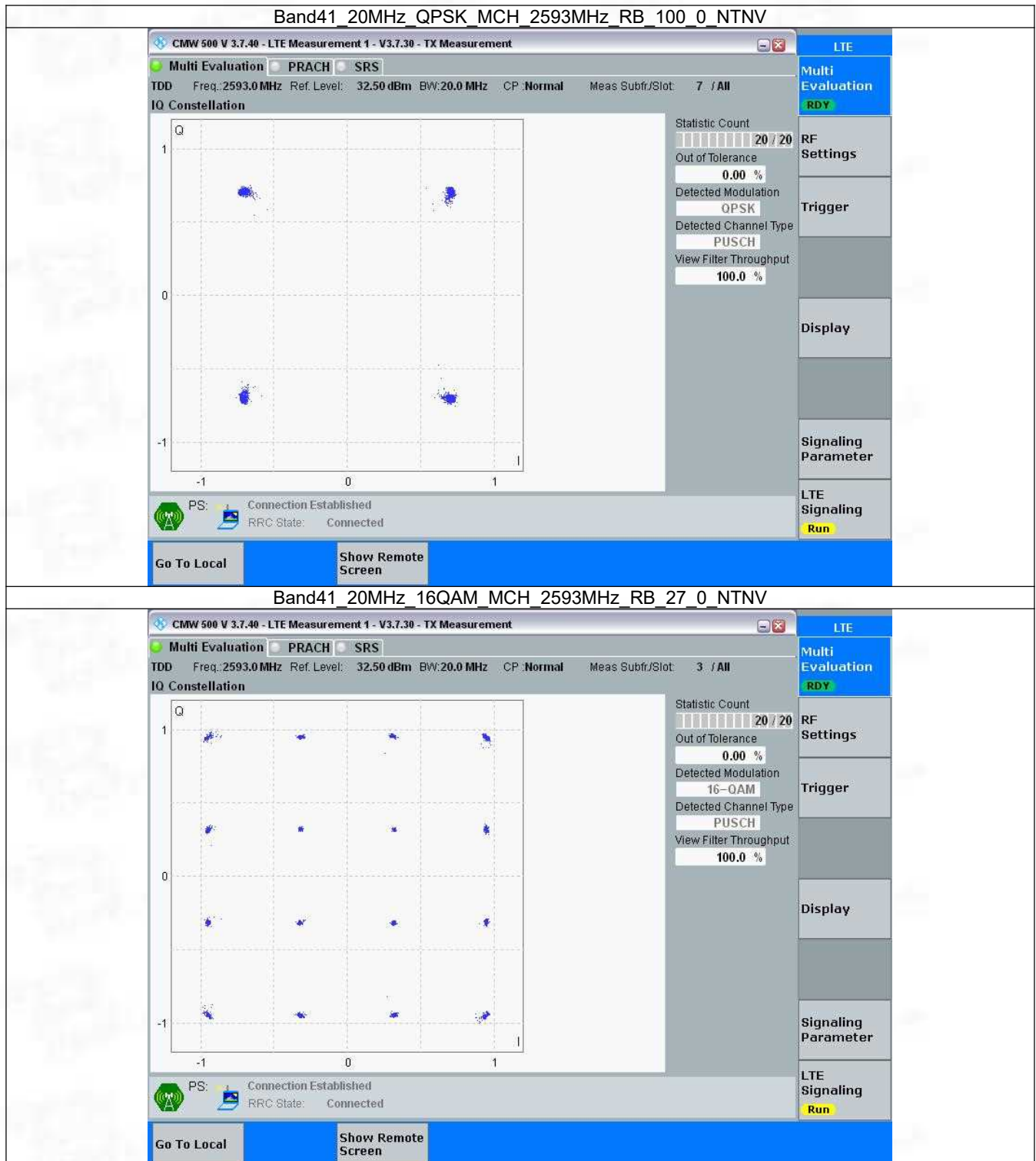
3.2.2 B41_10MHz



3.2.3 B41_15MHz



3.2.4 B41_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.537	/	Pass
		2593	25	0	4.539	/	Pass
		2687.5	25	0	4.534	/	Pass
	16QAM	2498.5	25	0	4.534	/	Pass
		2593	25	0	4.533	/	Pass
		2687.5	25	0	4.546	/	Pass
10	QPSK	2501	50	0	9.060	/	Pass
		2593	50	0	9.041	/	Pass
		2685	50	0	9.062	/	Pass
	16QAM	2501	27	0	5.080	/	Pass
		2593	27	0	5.116	/	Pass
		2685	27	23	5.058	/	Pass
15	QPSK	2503.5	75	0	13.542	/	Pass
		2593	75	0	13.543	/	Pass
		2682.5	75	0	13.594	/	Pass
	16QAM	2503.5	27	0	5.293	/	Pass
		2593	27	0	5.328	/	Pass
		2682.5	27	48	5.287	/	Pass
20	QPSK	2506	100	0	18.125	/	Pass
		2593	100	0	18.040	/	Pass
		2680	100	0	18.141	/	Pass
	16QAM	2506	27	0	5.506	/	Pass
		2593	27	0	5.472	/	Pass
		2680	27	73	5.553	/	Pass

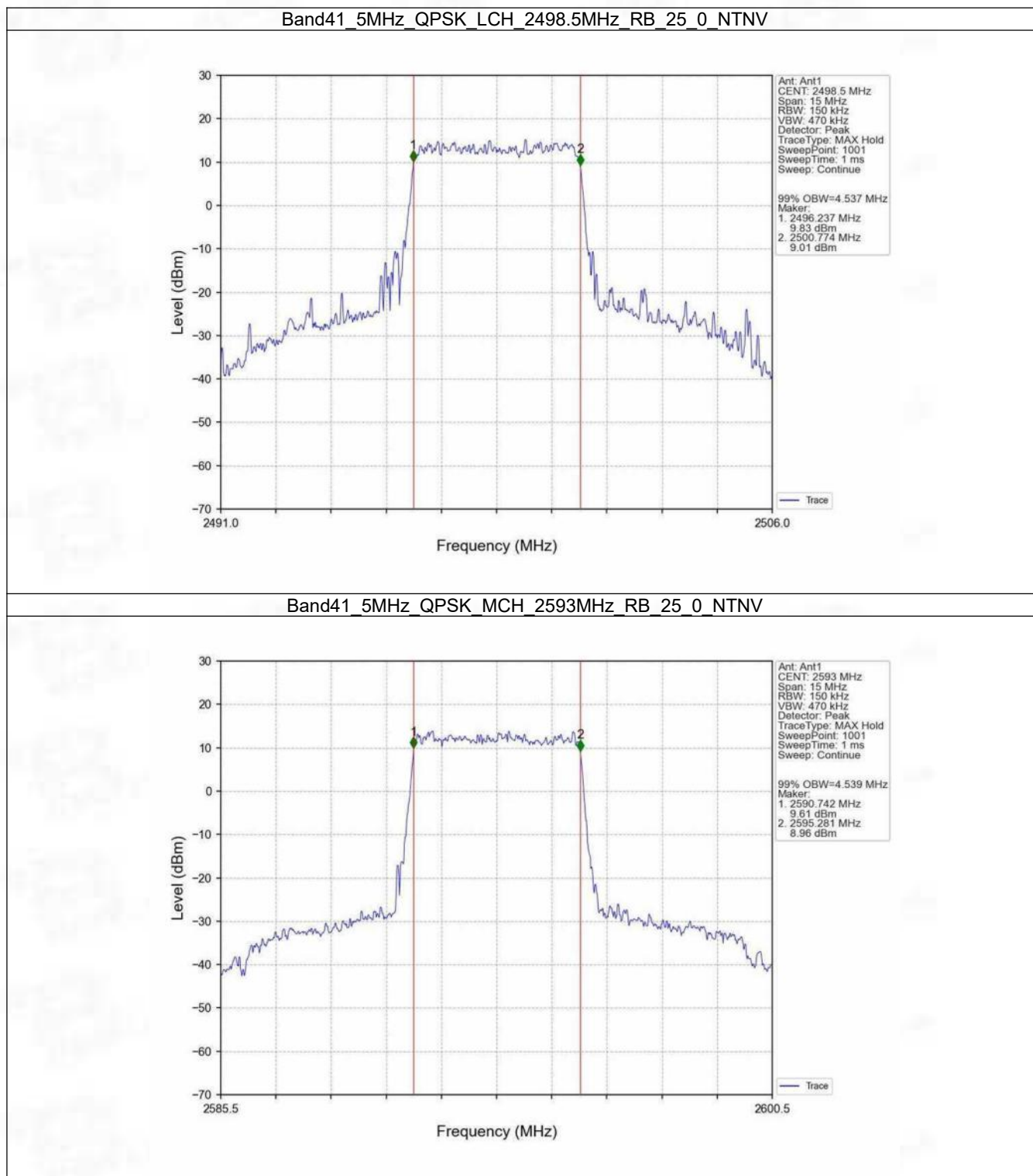
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.392	/	Pass
		2593	25	0	4.986	/	Pass
		2687.5	25	0	4.956	/	Pass
	16QAM	2498.5	25	0	5.076	/	Pass
		2593	25	0	4.974	/	Pass
		2687.5	25	0	5.022	/	Pass
10	QPSK	2501	50	0	9.947	/	Pass
		2593	50	0	9.892	/	Pass
		2685	50	0	9.959	/	Pass
	16QAM	2501	27	0	6.064	/	Pass
		2593	27	0	6.220	/	Pass
		2685	27	23	6.036	/	Pass
15	QPSK	2503.5	75	0	14.841	/	Pass
		2593	75	0	14.808	/	Pass
		2682.5	75	0	14.978	/	Pass

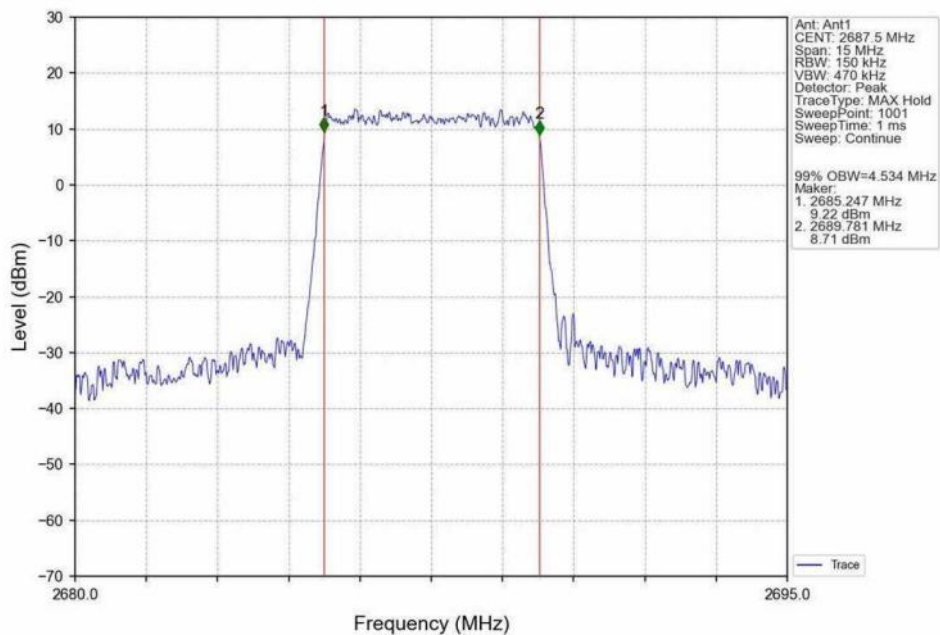
20	16QAM	2503.5	27	0	6.523	/	Pass
		2593	27	0	6.660	/	Pass
		2682.5	27	48	6.510	/	Pass
	QPSK	2506	100	0	20.729	/	Pass
		2593	100	0	19.650	/	Pass
		2680	100	0	19.520	/	Pass
	16QAM	2506	27	0	6.853	/	Pass
		2593	27	0	6.957	/	Pass
		2680	27	73	6.951	/	Pass

4.2 Test Graph

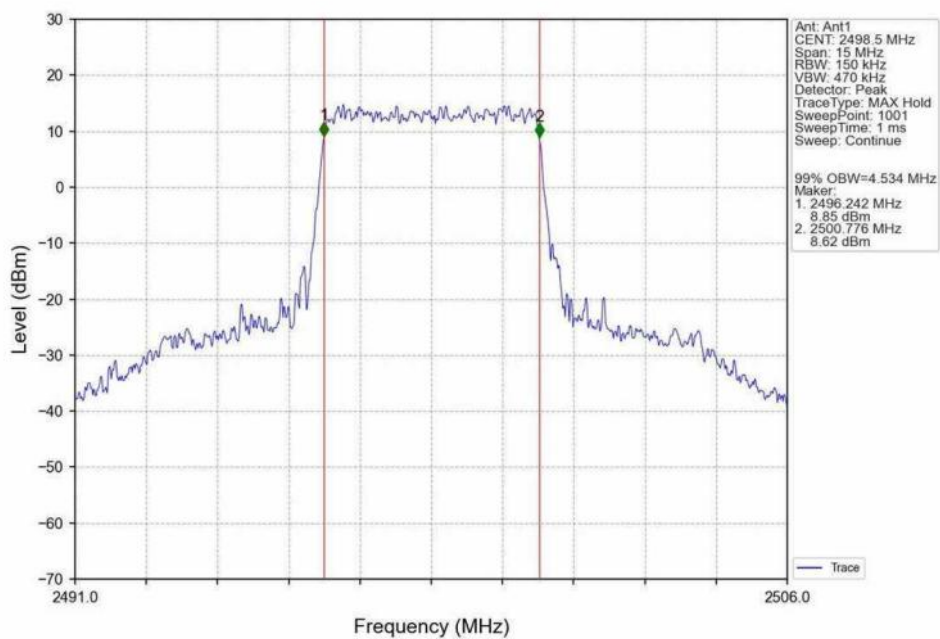
4.2.1 Band41_OBW



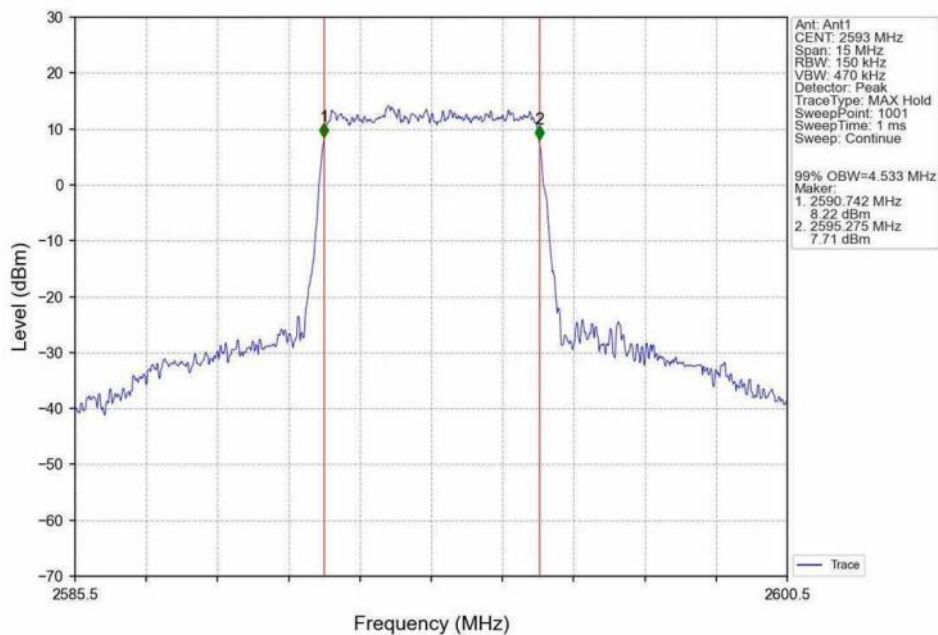
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



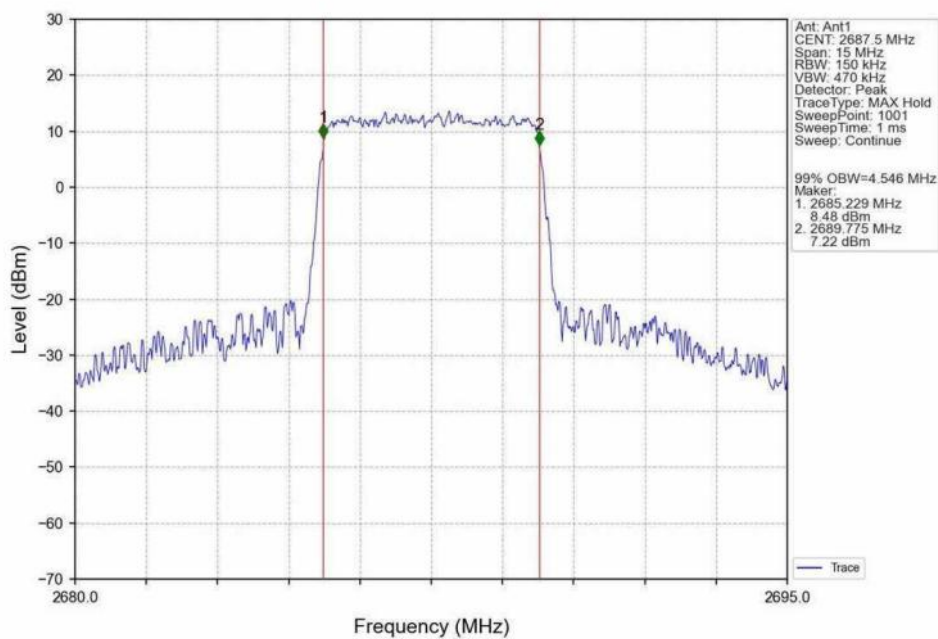
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



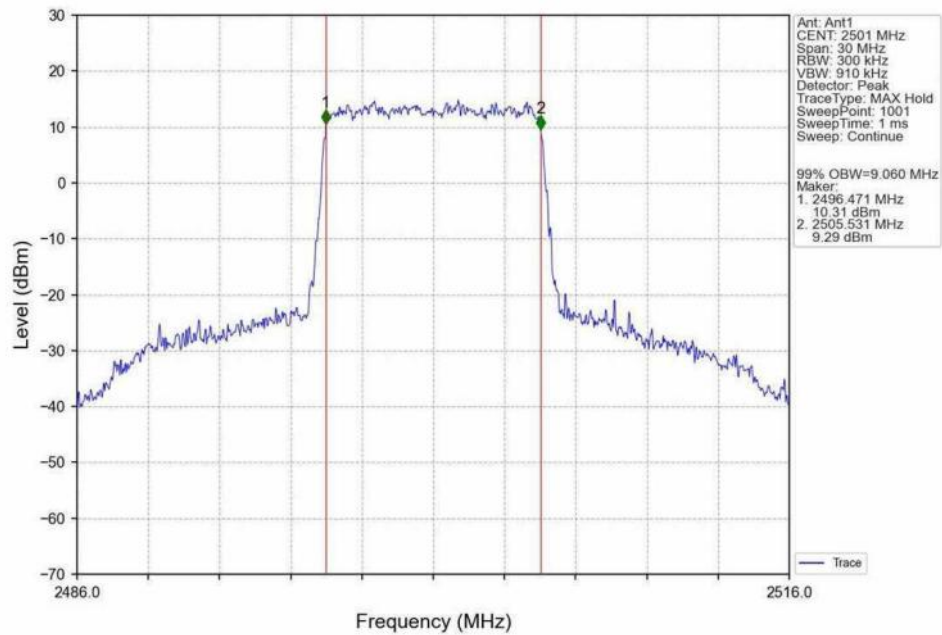
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



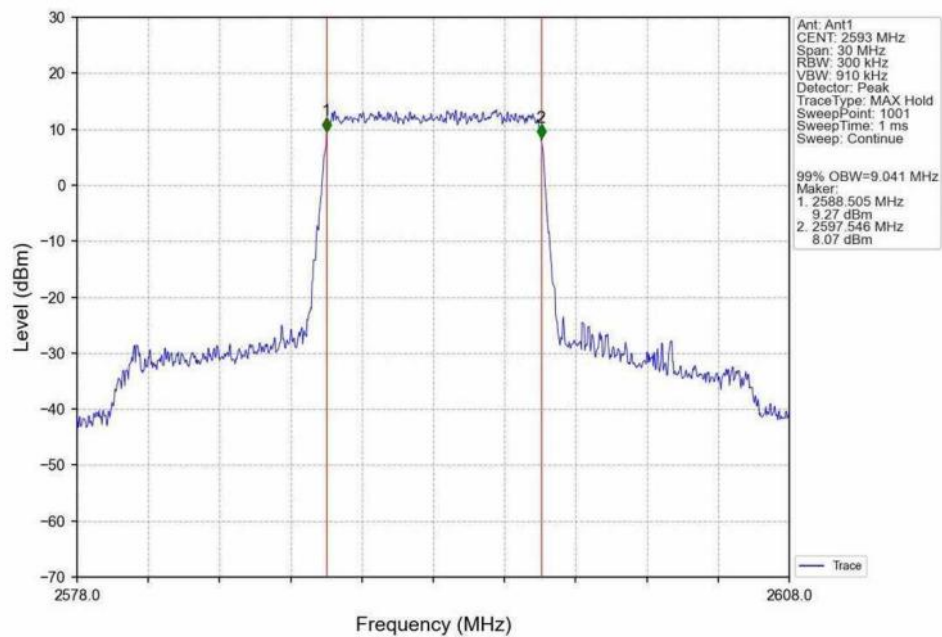
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



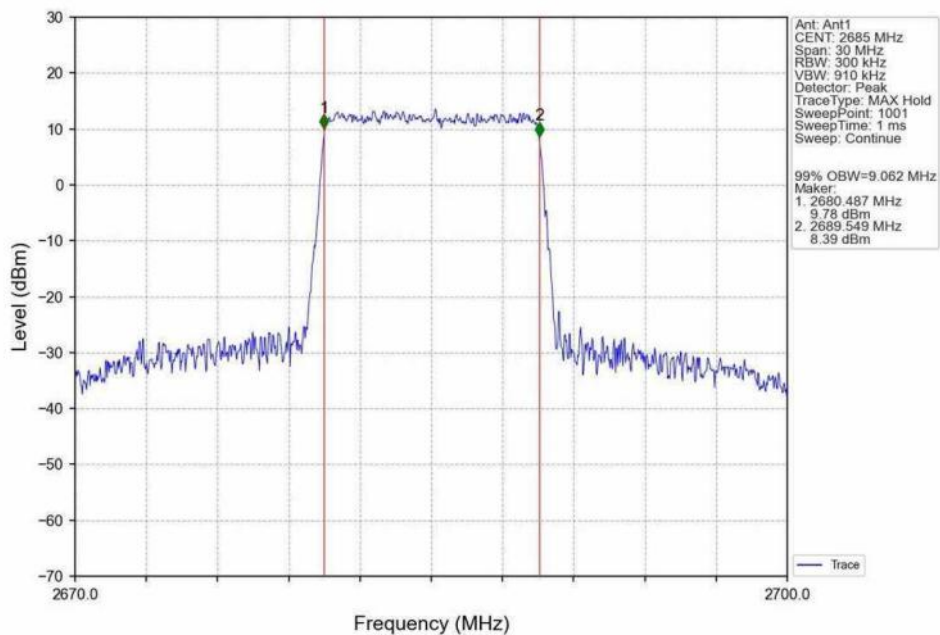
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



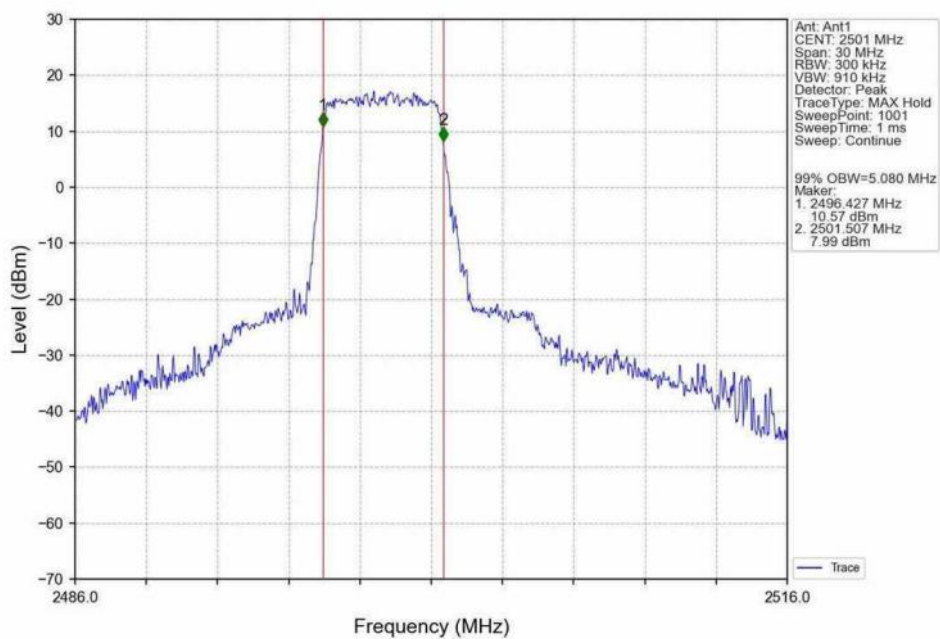
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



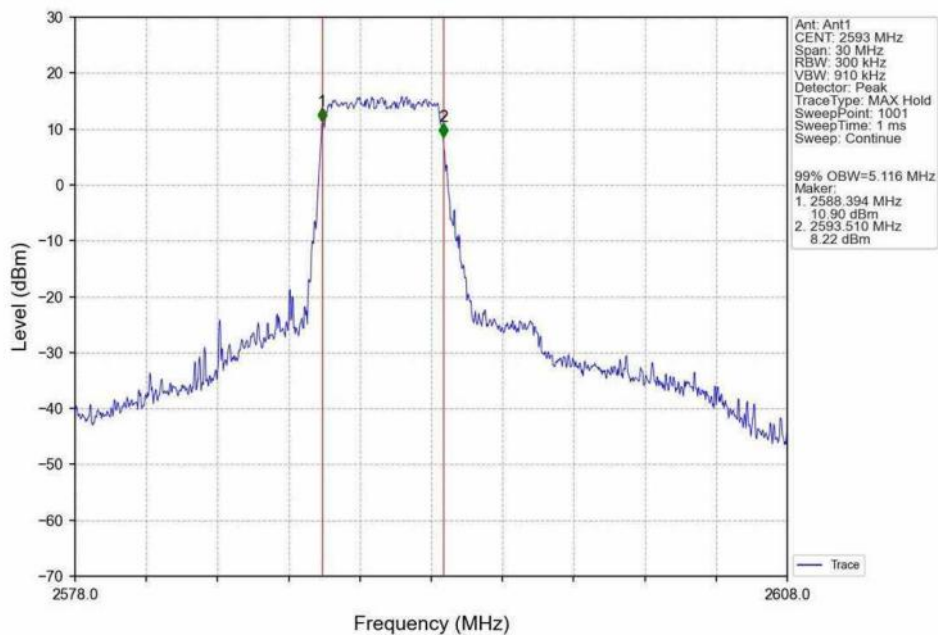
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



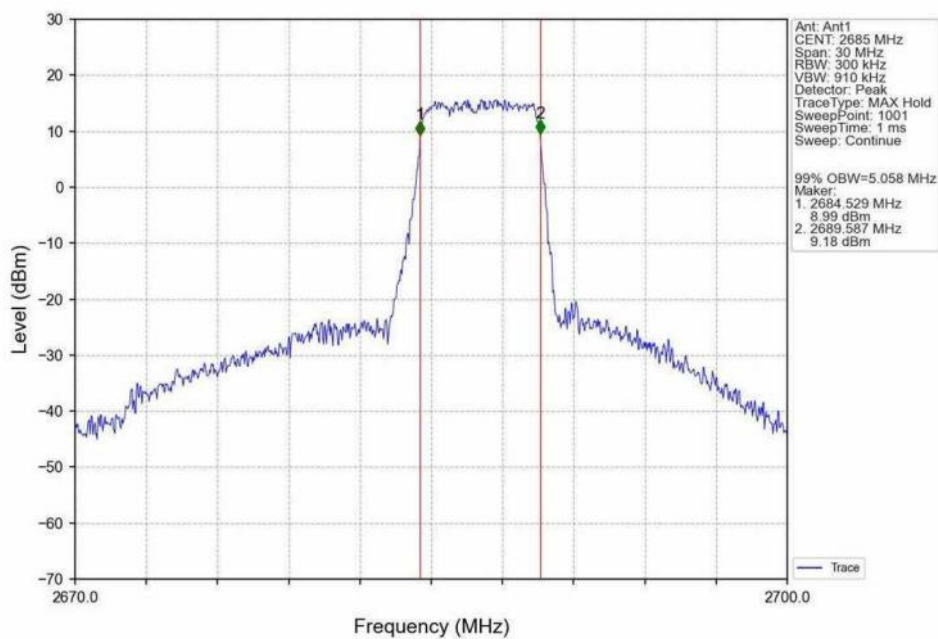
Band41_10MHz_16QAM_LCH_2501MHz_RB_27_0_NTNV



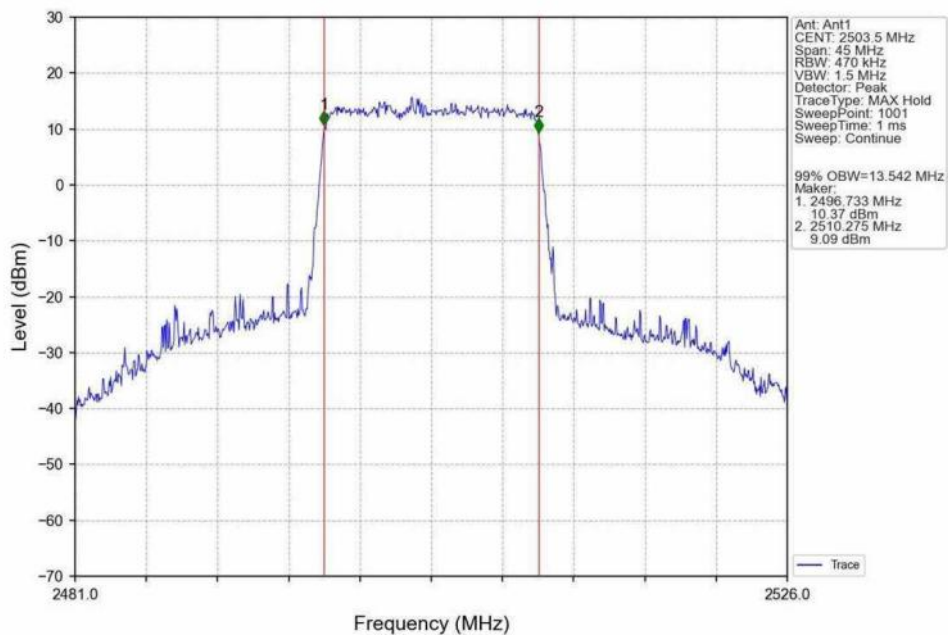
Band41_10MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



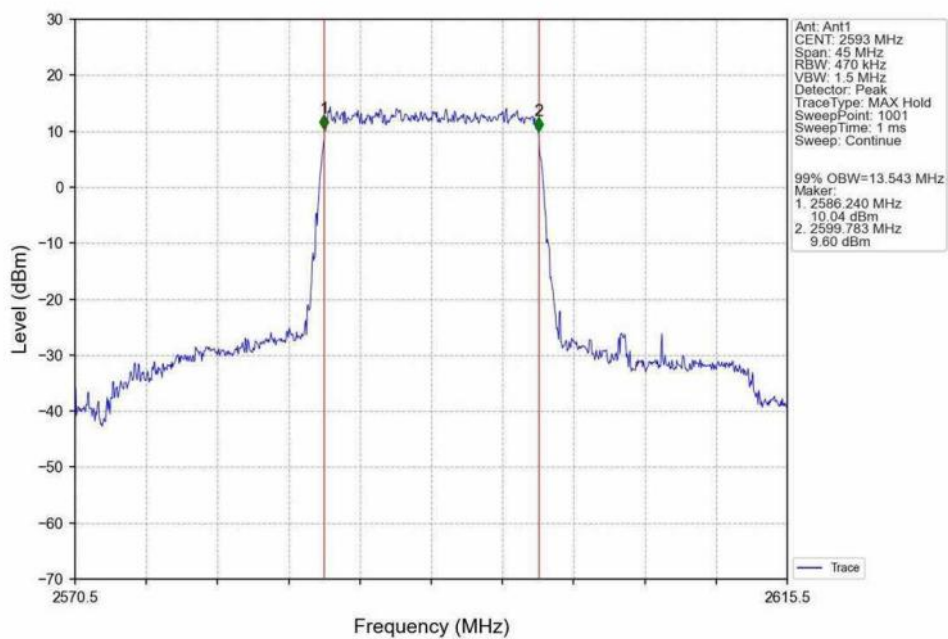
Band41_10MHz_16QAM_HCH_2685MHz_RB_27_23_NTNV



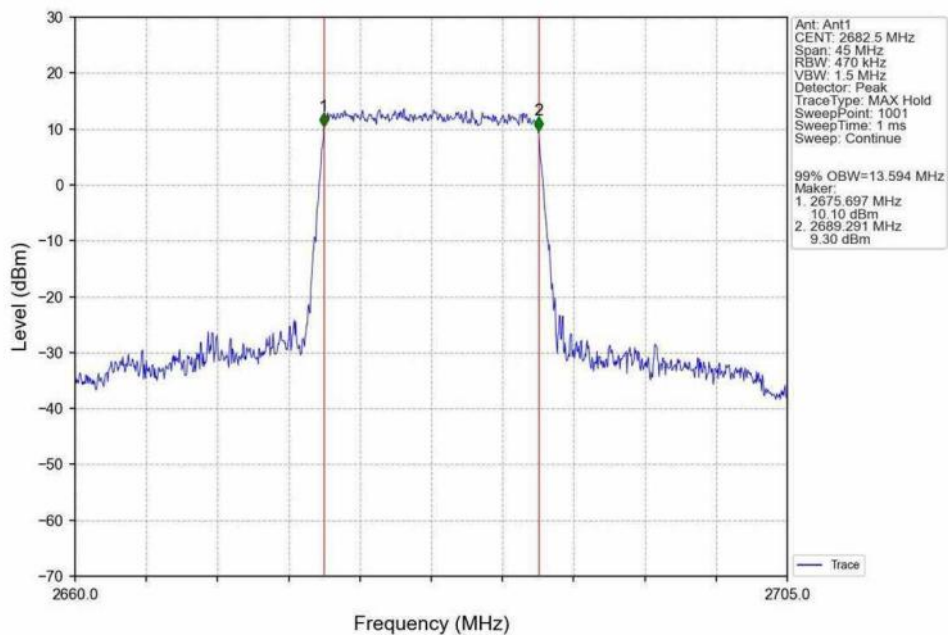
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



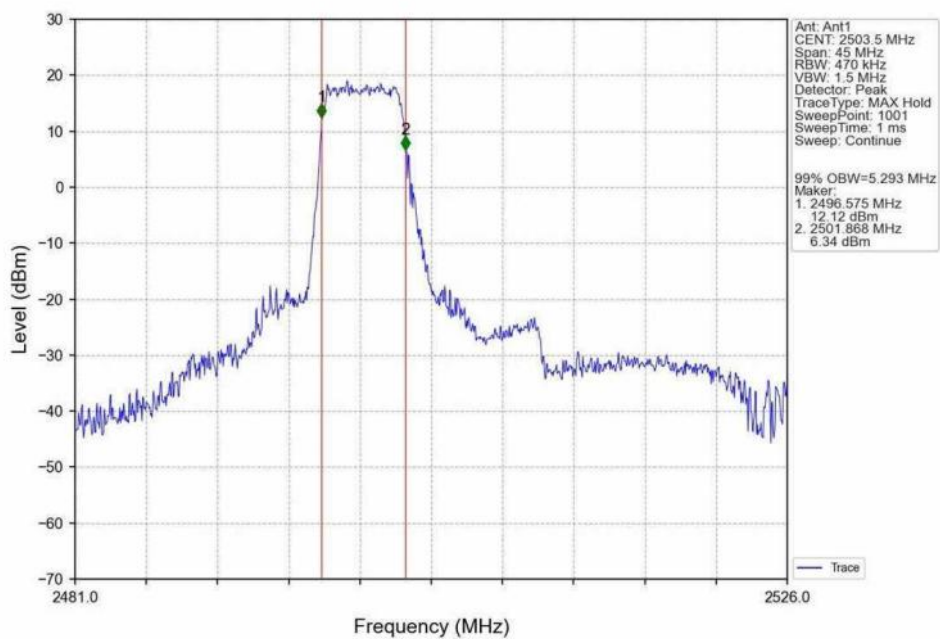
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



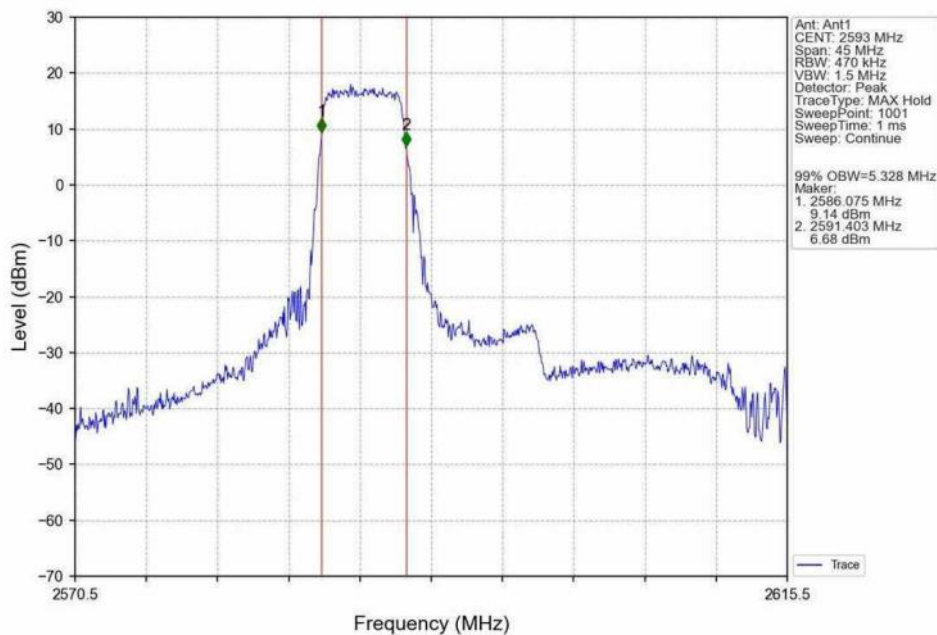
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



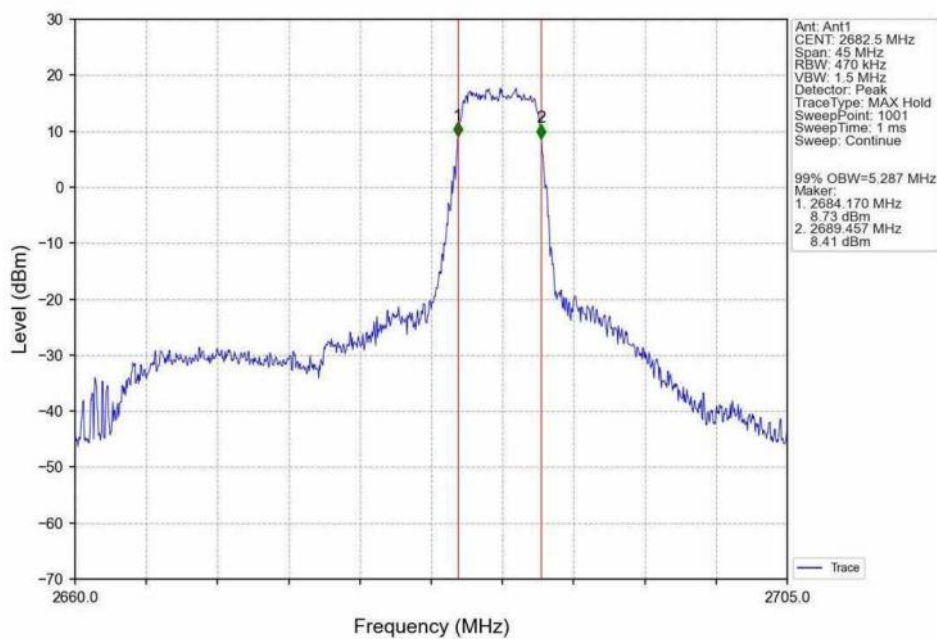
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_27_0_NTNV



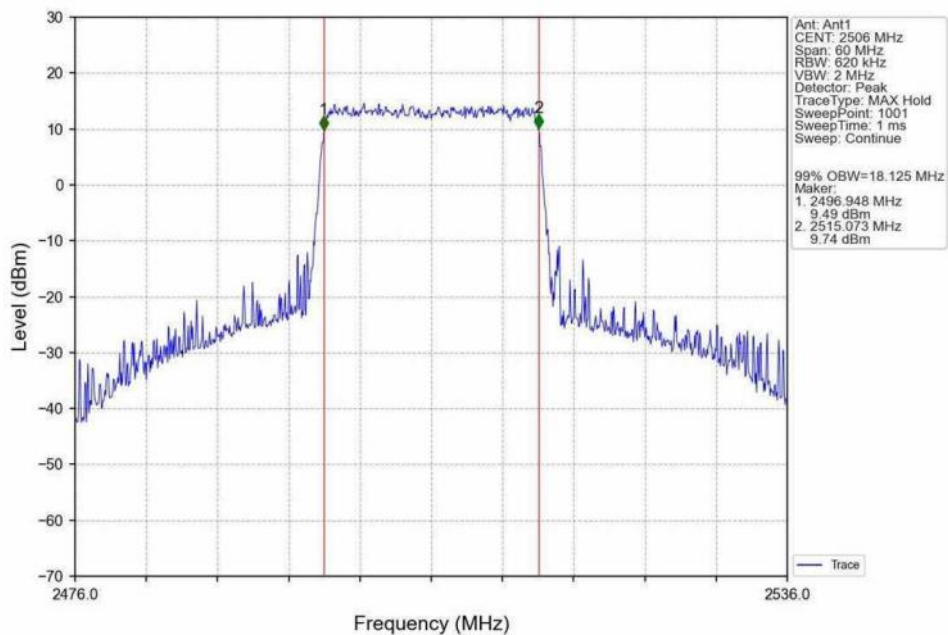
Band41_15MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



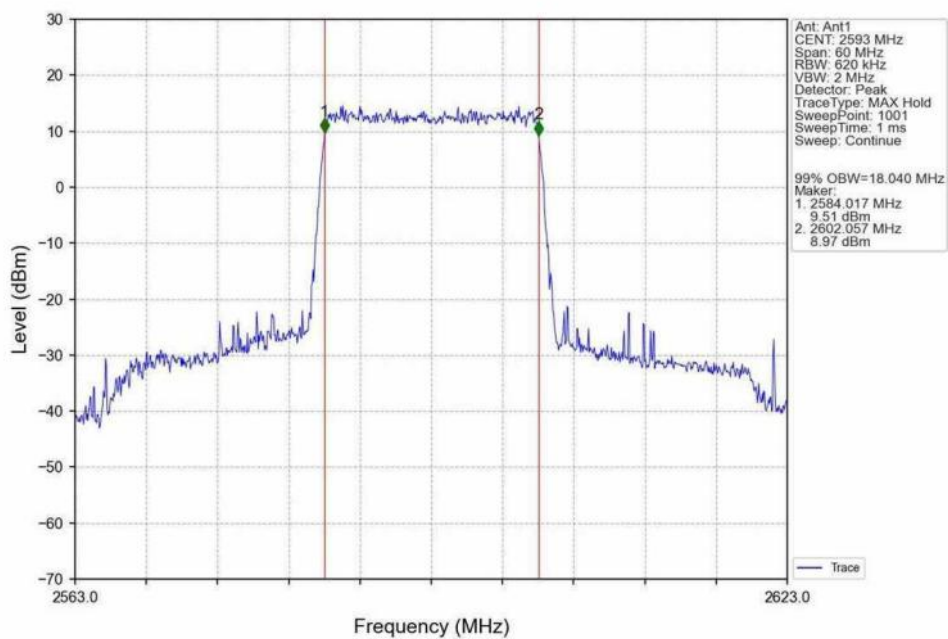
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_27_48_NTNV



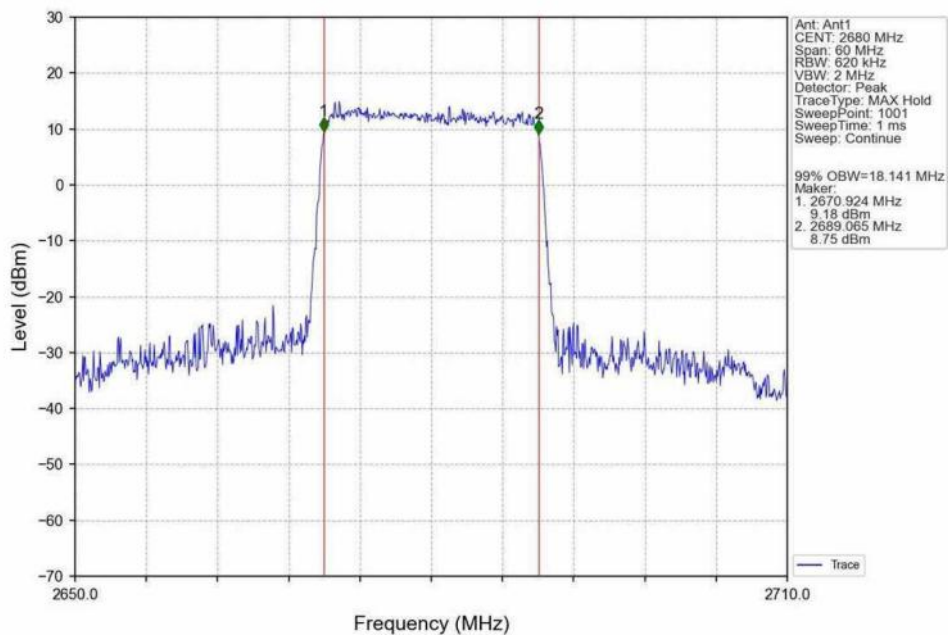
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



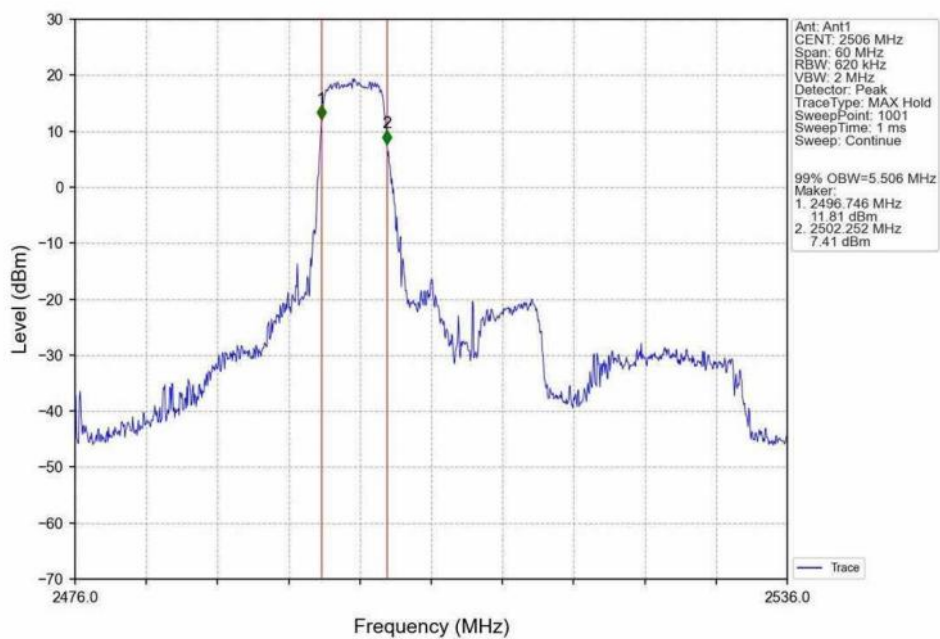
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



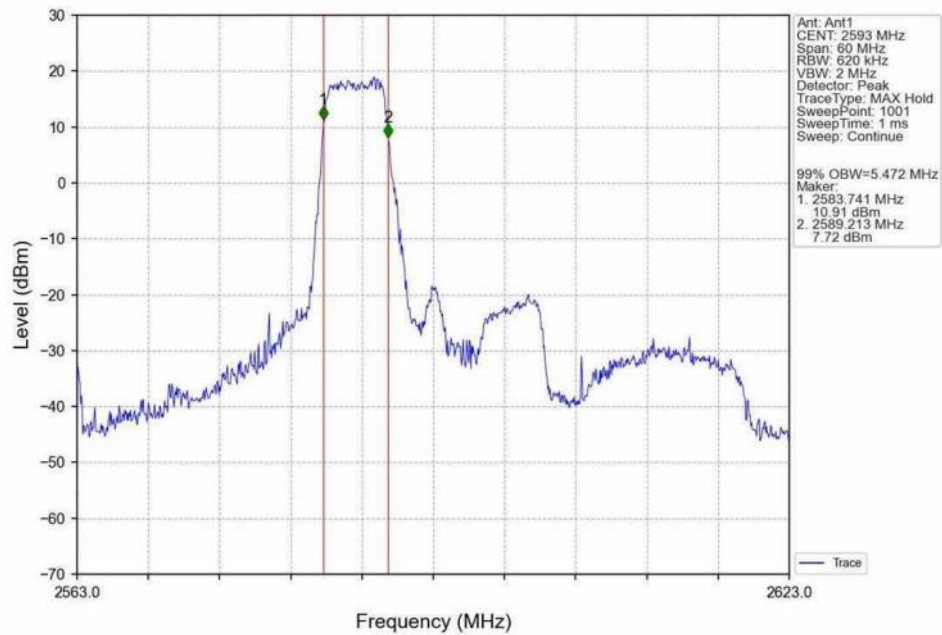
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



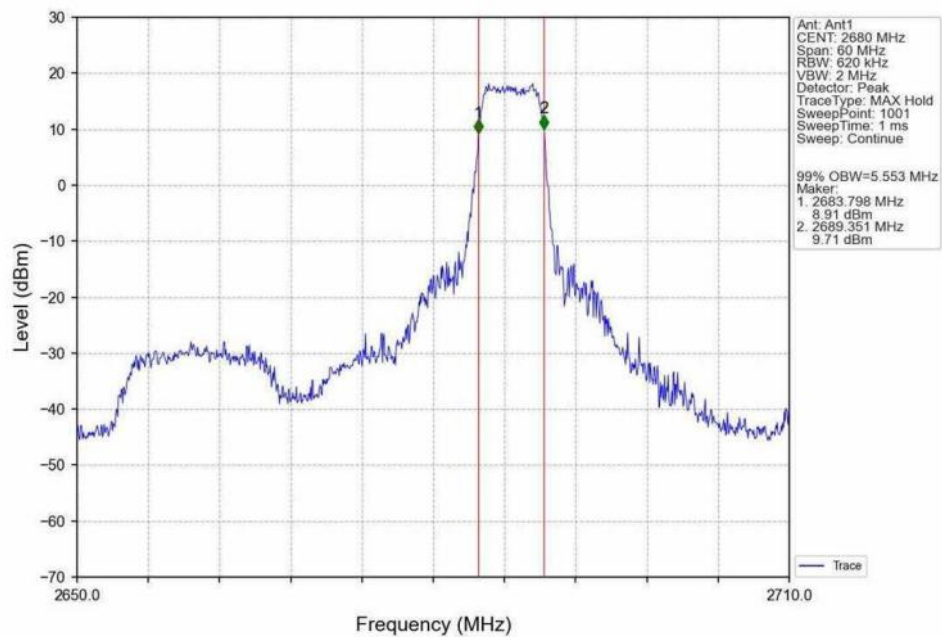
Band41_20MHz_16QAM_LCH_2506MHz_RB_27_0_NTNV



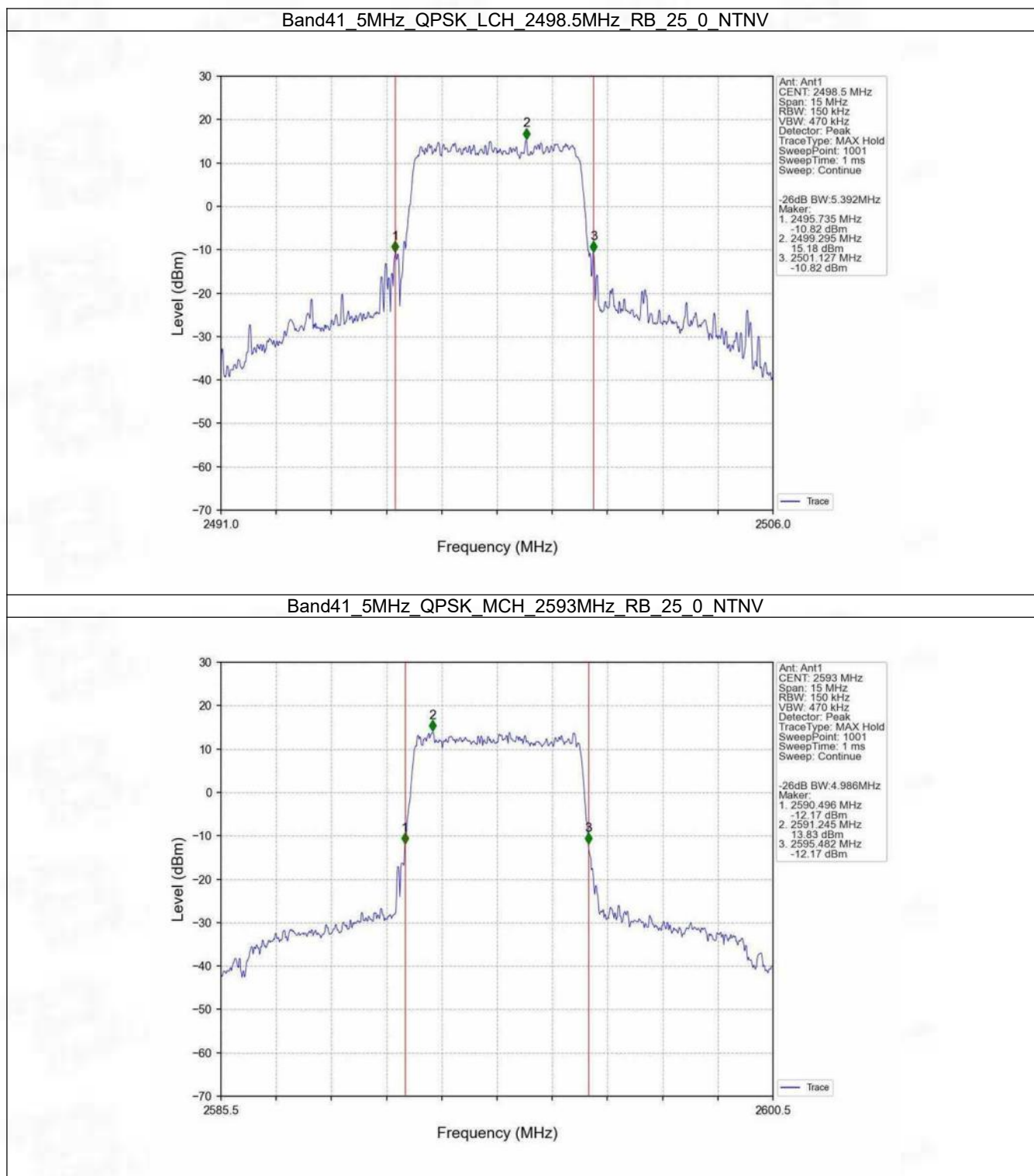
Band41_20MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



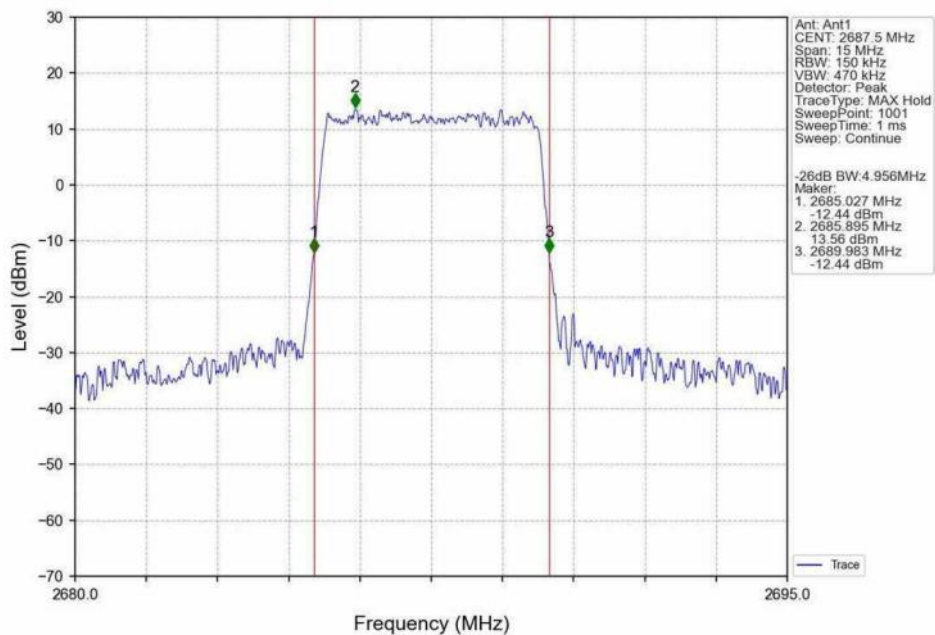
Band41_20MHz_16QAM_HCH_2680MHz_RB_27_73_NTNV



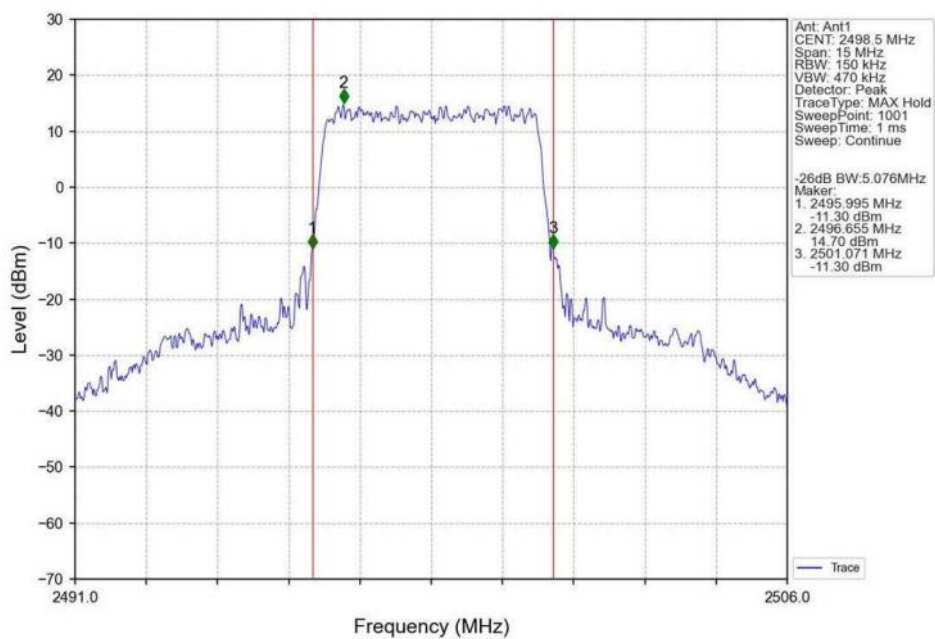
4.2.2 Band41_XDB



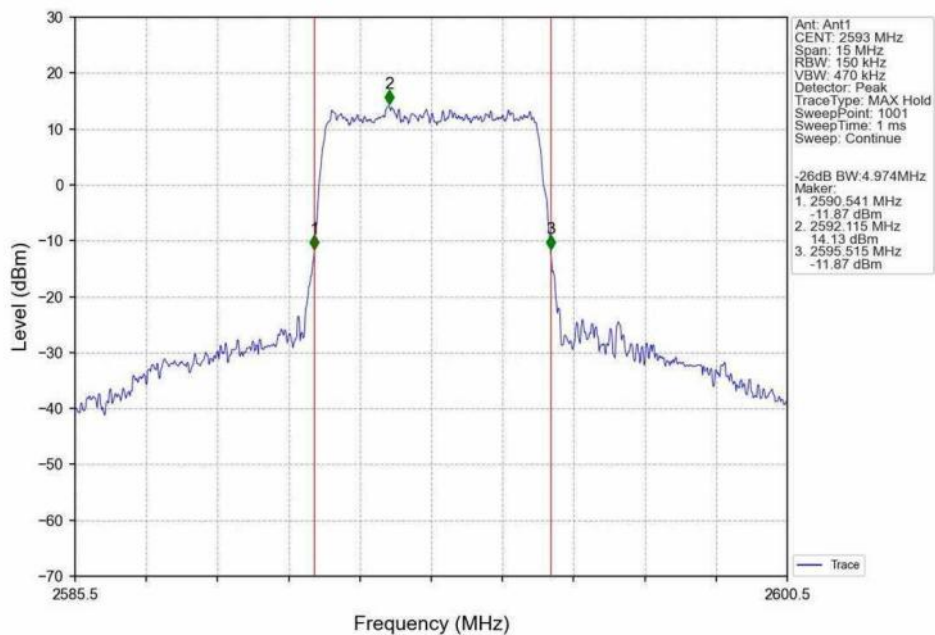
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



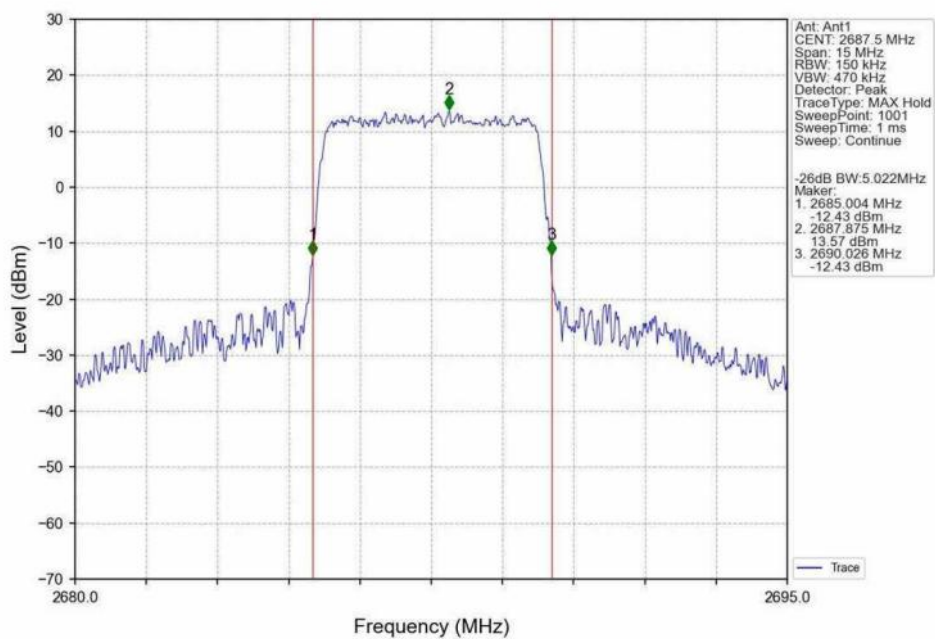
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



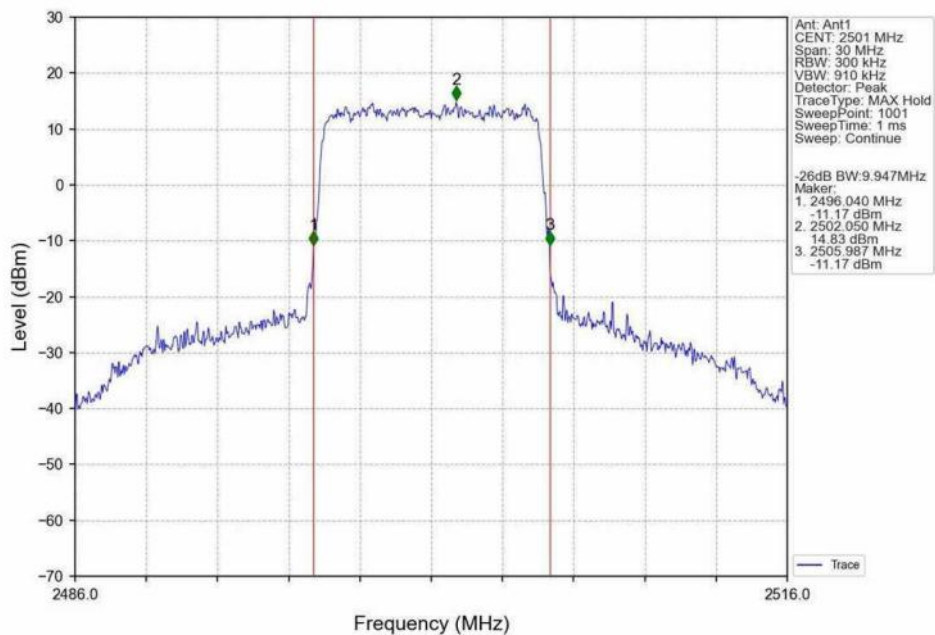
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



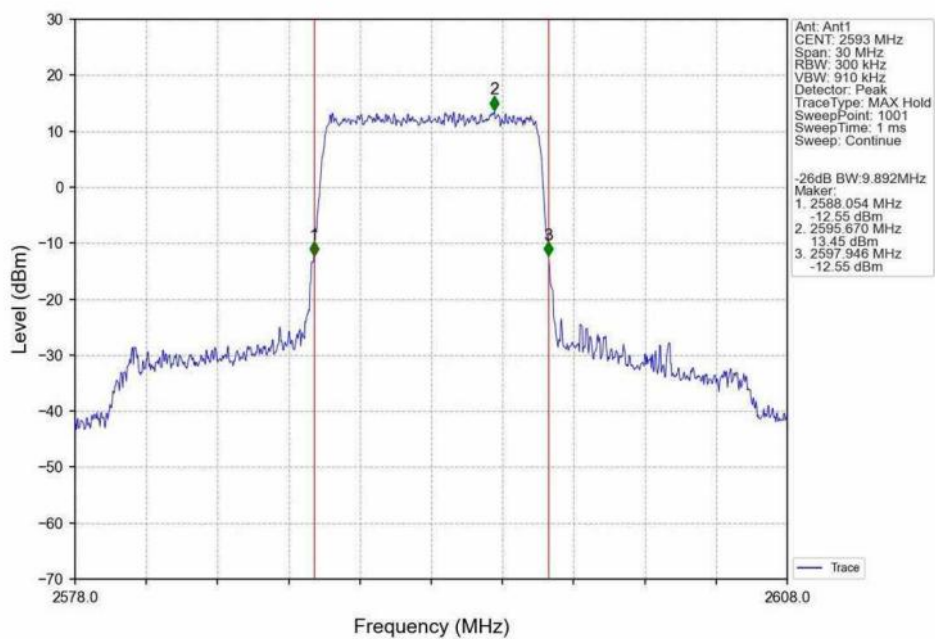
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



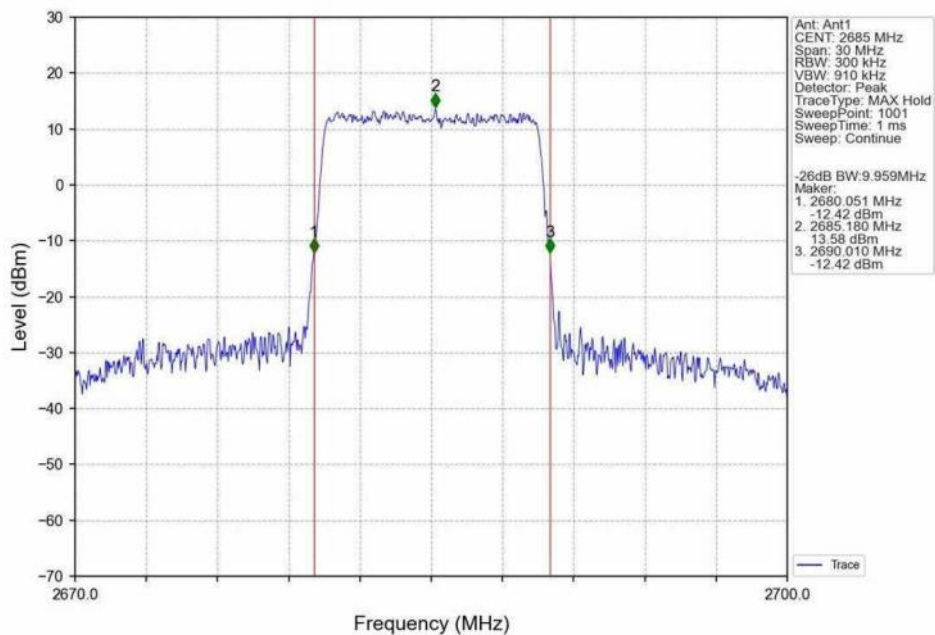
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



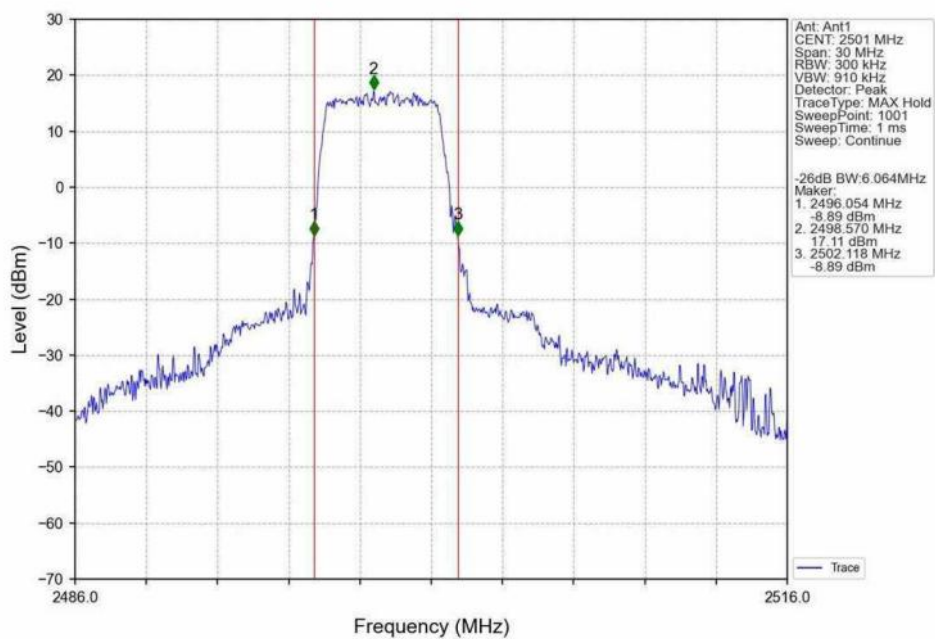
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



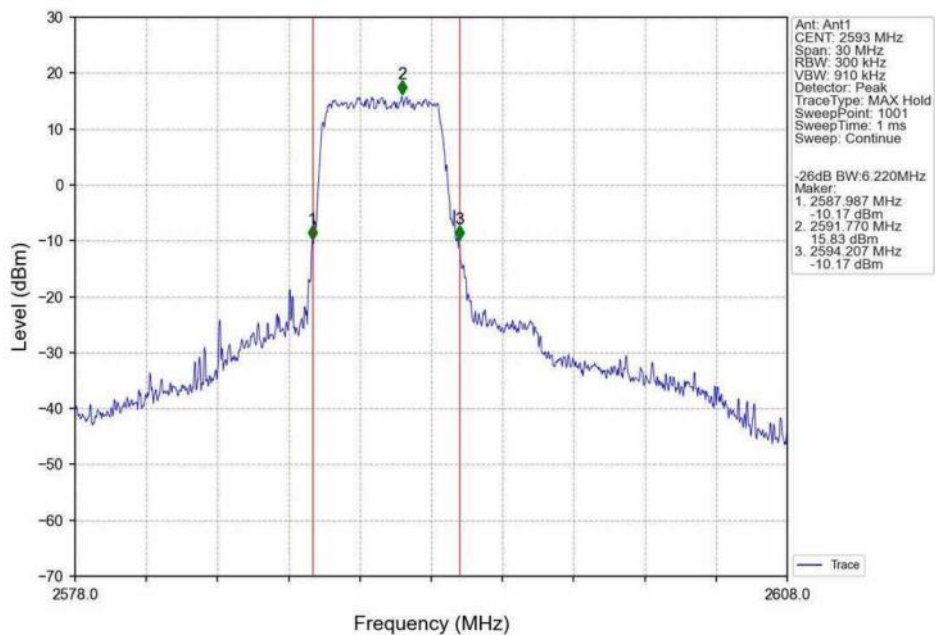
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



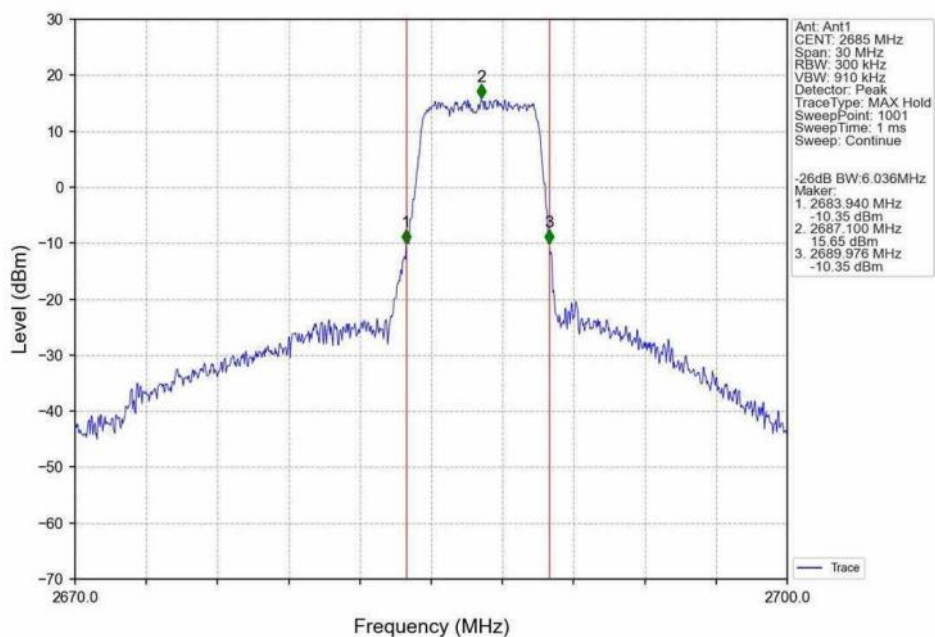
Band41_10MHz_16QAM_LCH_2501MHz_RB_27_0_NTNV



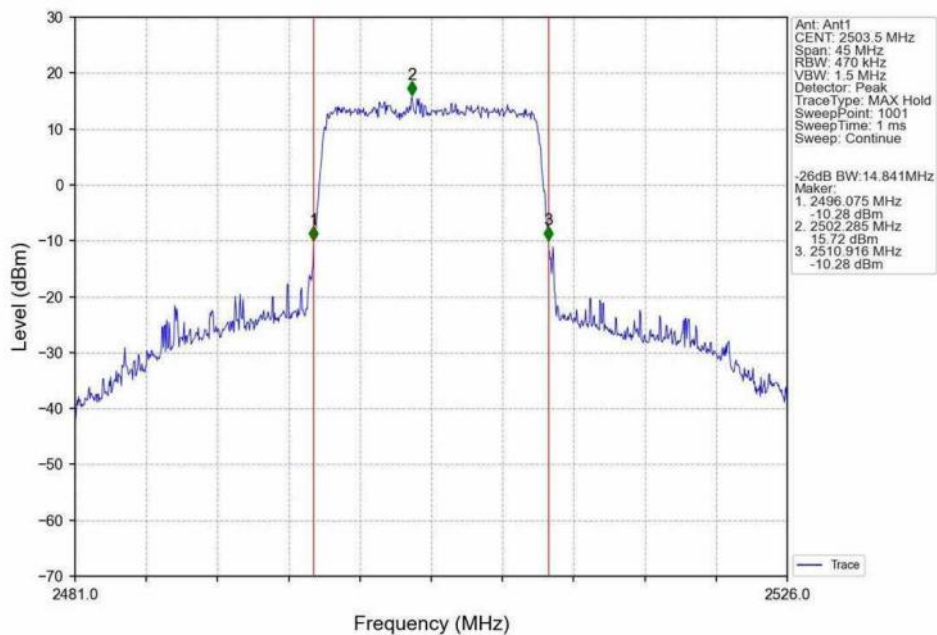
Band41_10MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



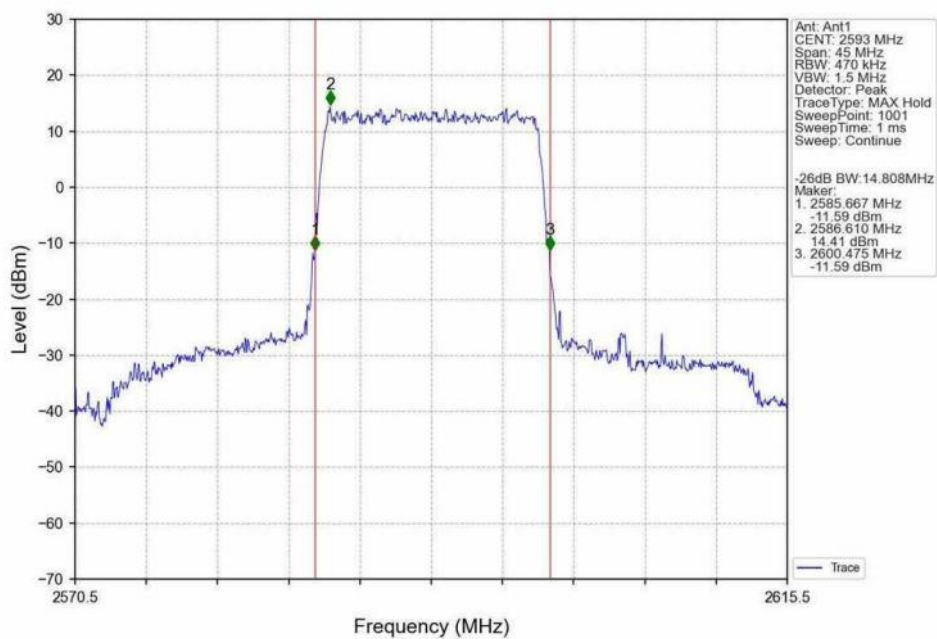
Band41_10MHz_16QAM_HCH_2685MHz_RB_27_23_NTNV



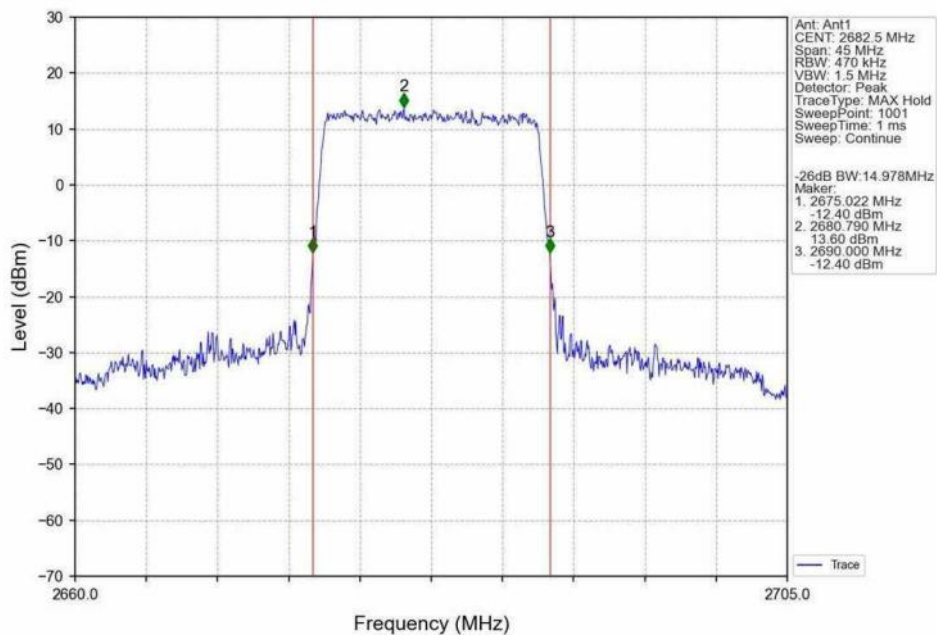
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



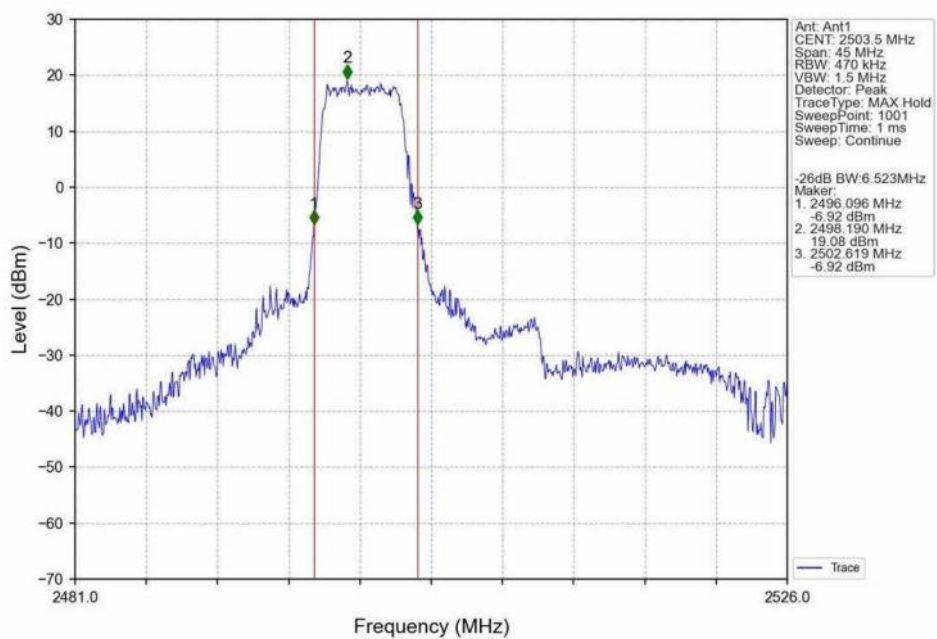
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



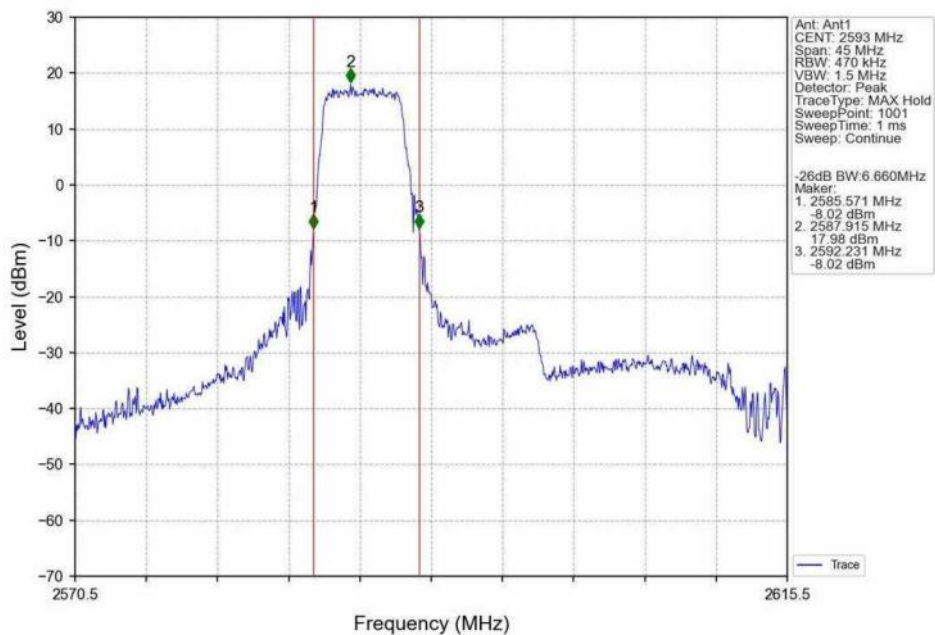
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



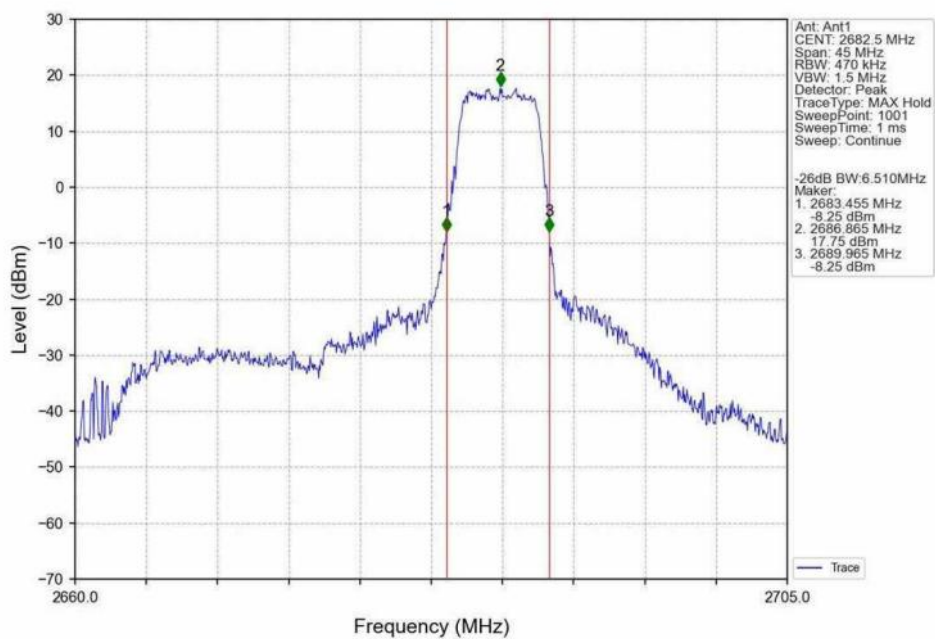
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_27_0_NTNV



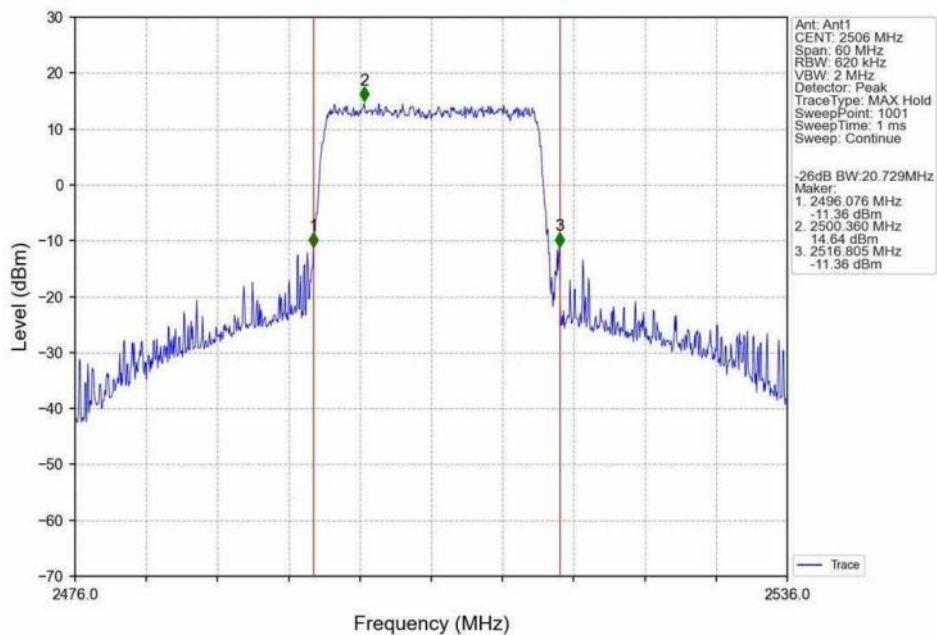
Band41_15MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



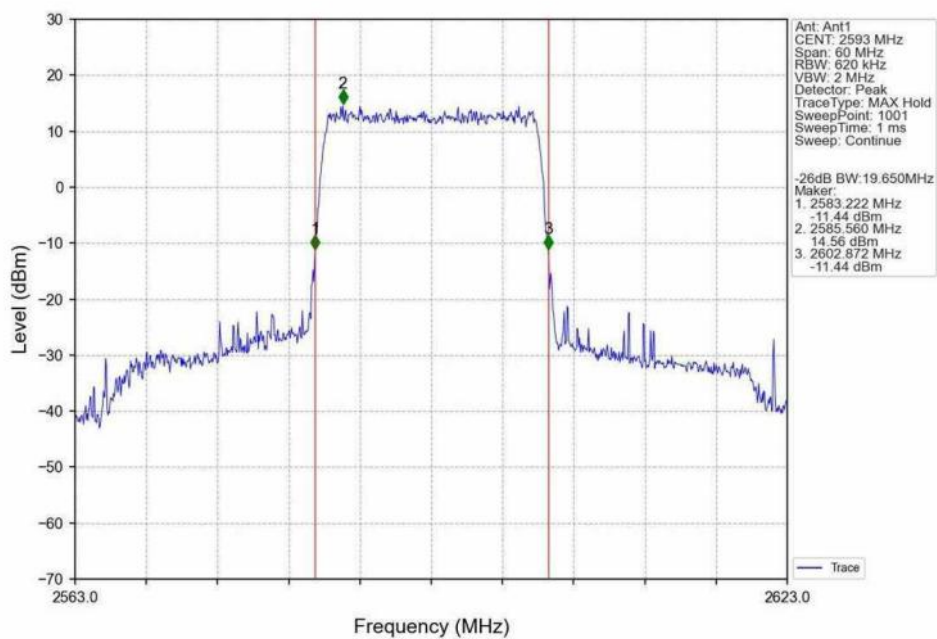
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_27_48_NTNV



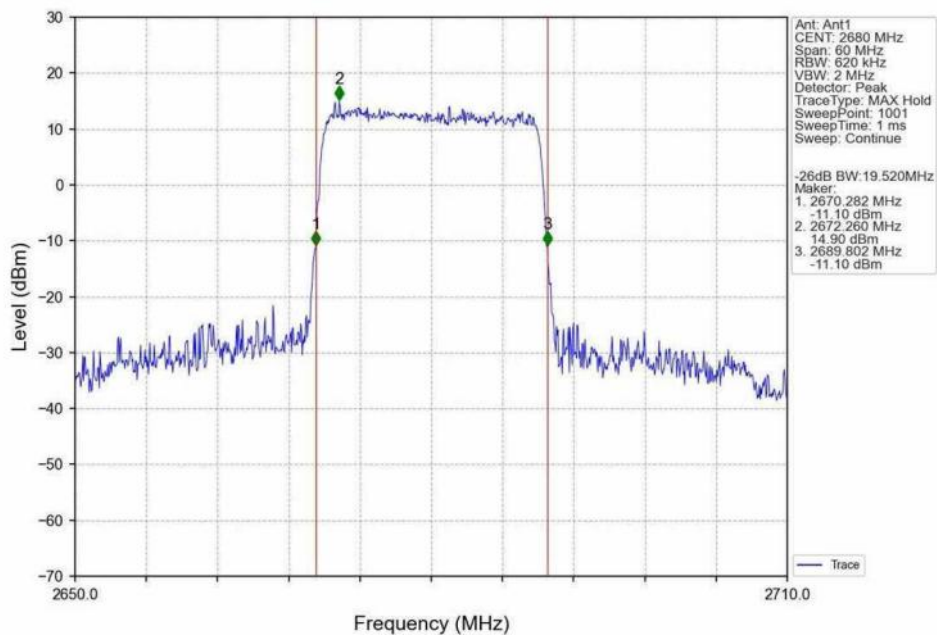
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



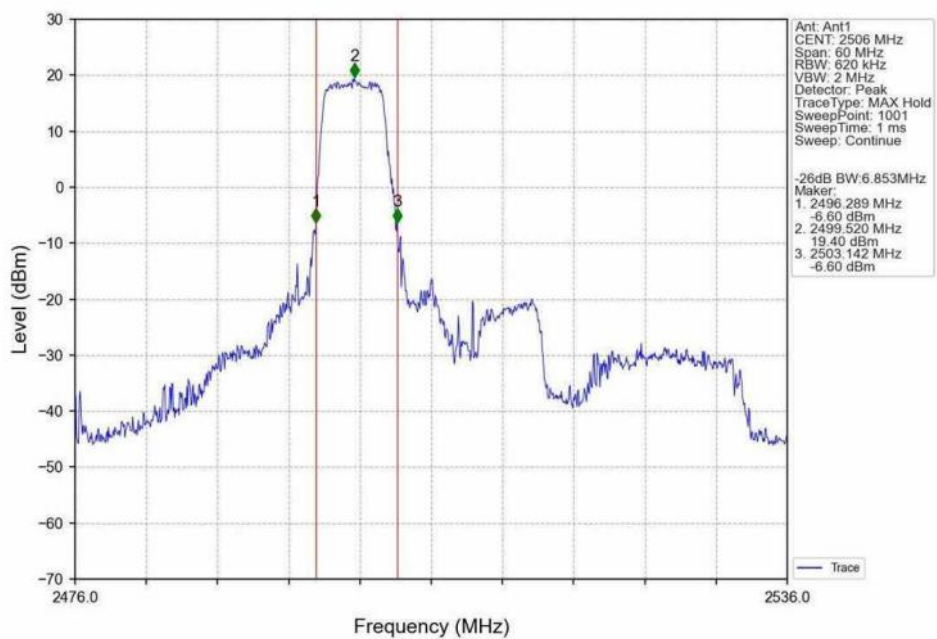
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



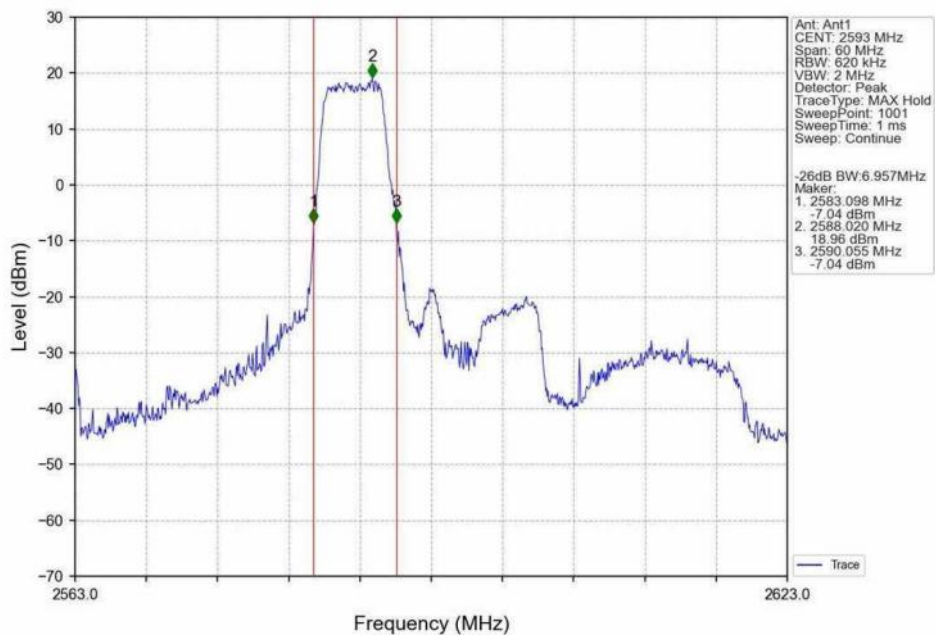
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



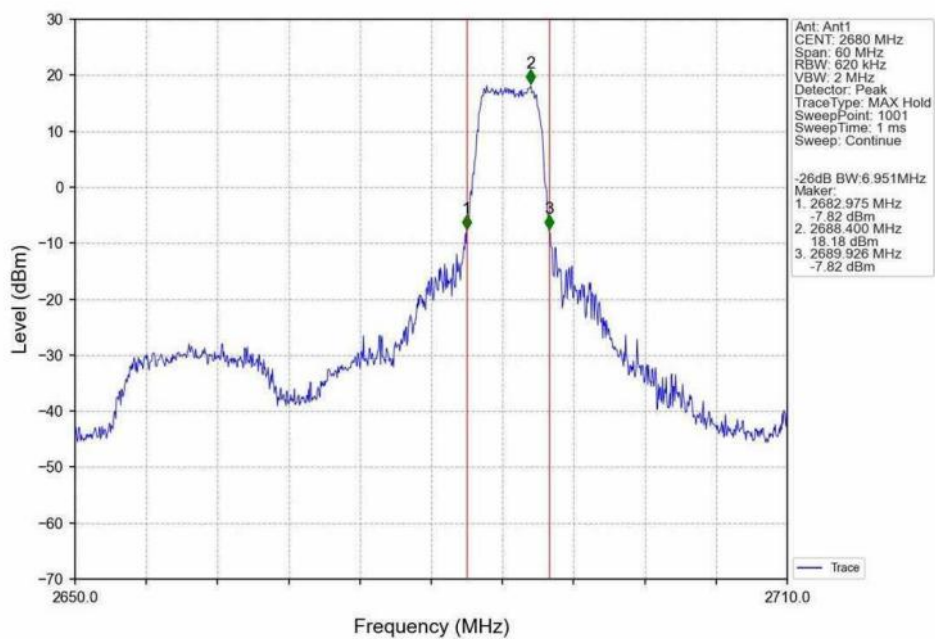
Band41_20MHz_16QAM_LCH_2506MHz_RB_27_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_27_73_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.64	<=13	Pass
	2593	25	0	7.73	<=13	Pass
	2687.5	25	0	7.71	<=13	Pass
16QAM	2498.5	25	0	8.18	<=13	Pass
	2593	25	0	8.22	<=13	Pass
	2687.5	25	0	8.19	<=13	Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.61	<=13	Pass
	2593	50	0	7.58	<=13	Pass
	2685	50	0	7.72	<=13	Pass
16QAM	2501	27	0	8.20	<=13	Pass
	2593	27	0	8.22	<=13	Pass
	2685	27	23	8.11	<=13	Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	8.12	<=13	Pass
	2593	75	0	8.16	<=13	Pass
	2682.5	75	0	8.13	<=13	Pass
16QAM	2503.5	27	0	8.32	<=13	Pass
	2593	27	0	8.12	<=13	Pass
	2682.5	27	48	8.32	<=13	Pass

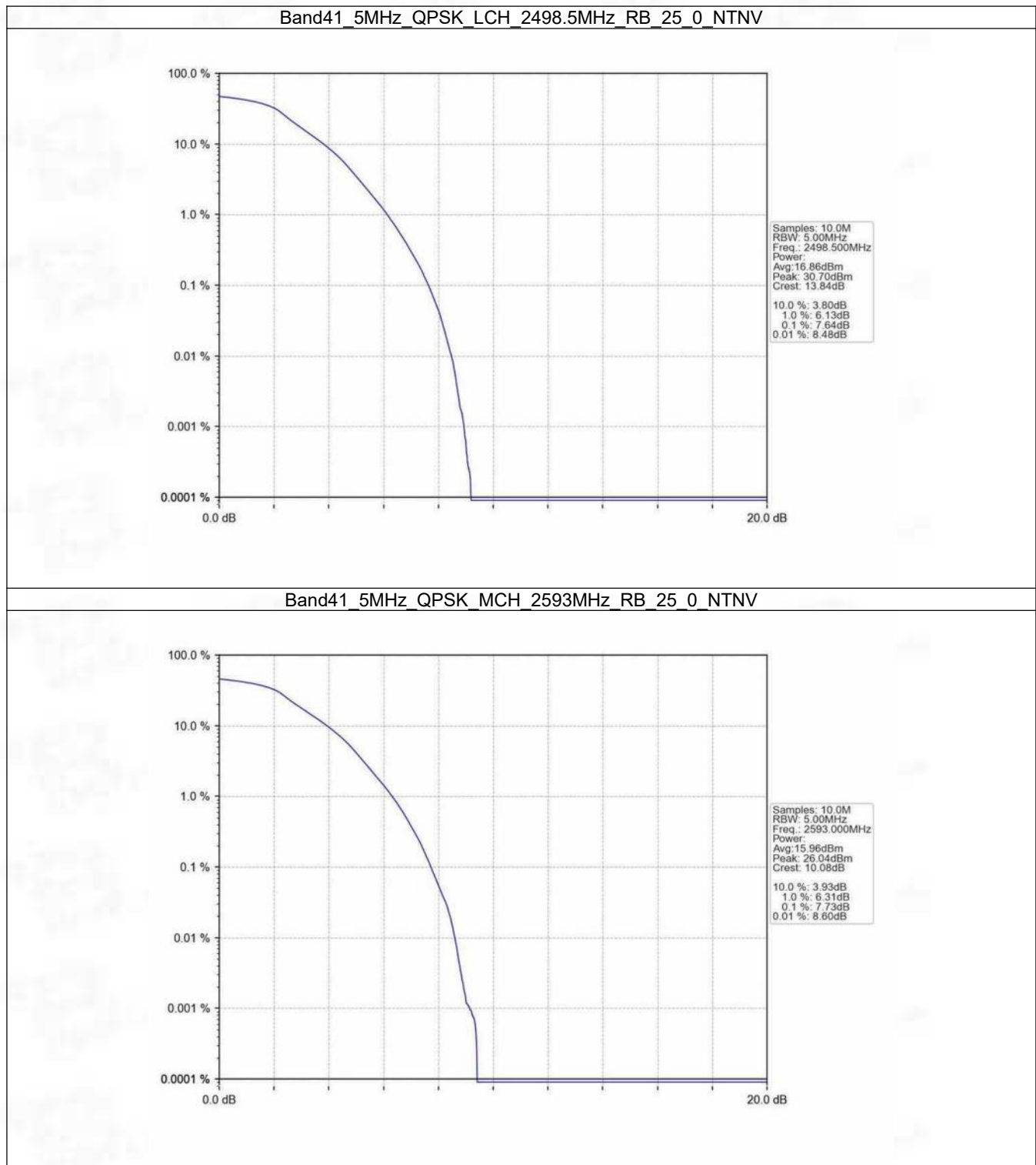
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.64	<=13	Pass
	2593	100	0	7.54	<=13	Pass
	2680	100	0	7.47	<=13	Pass
16QAM	2506	27	0	8.03	<=13	Pass
	2593	27	0	8.27	<=13	Pass

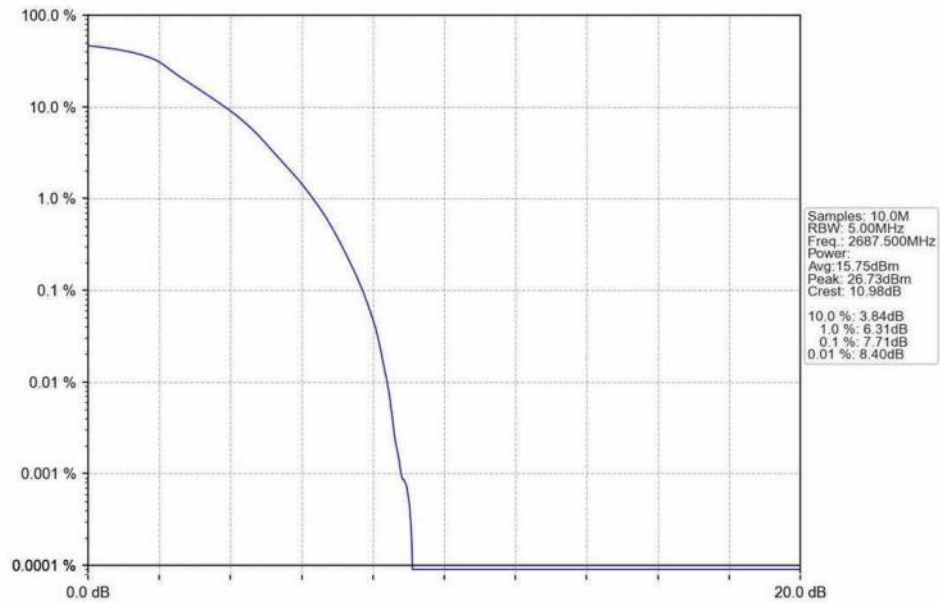
	2680	27	73	8.06	<=13	Pass
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5.2 Test Graph

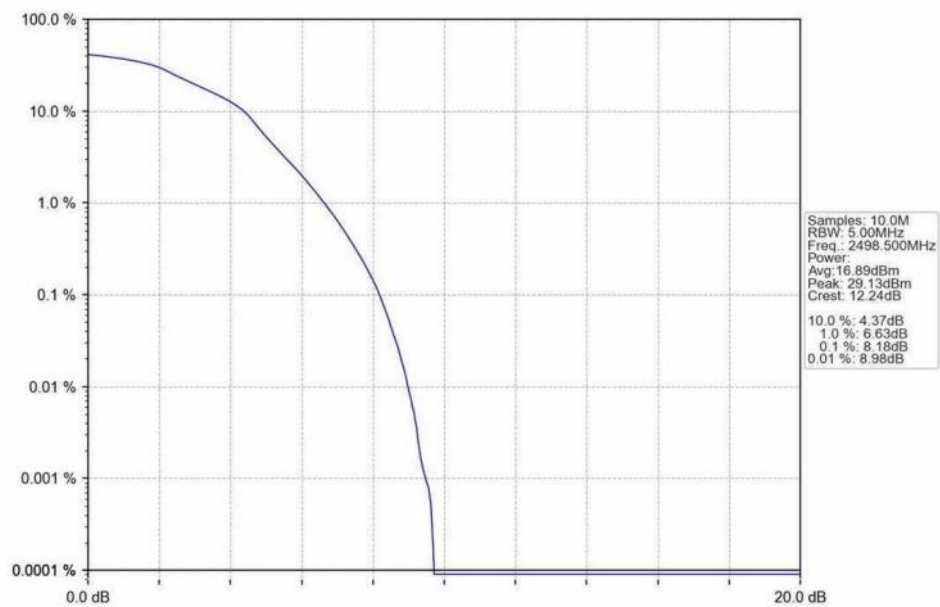
5.2.1 B41_5MHz



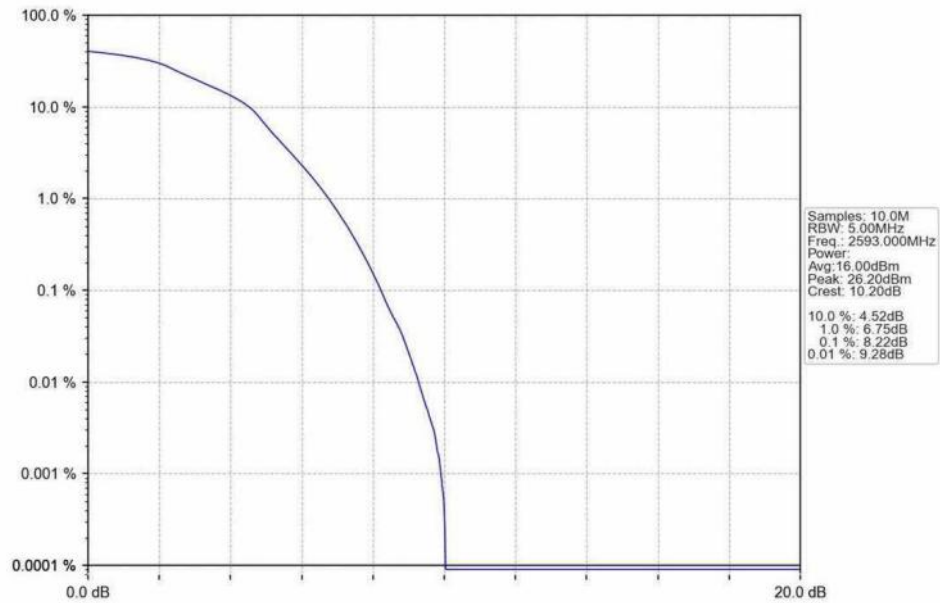
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



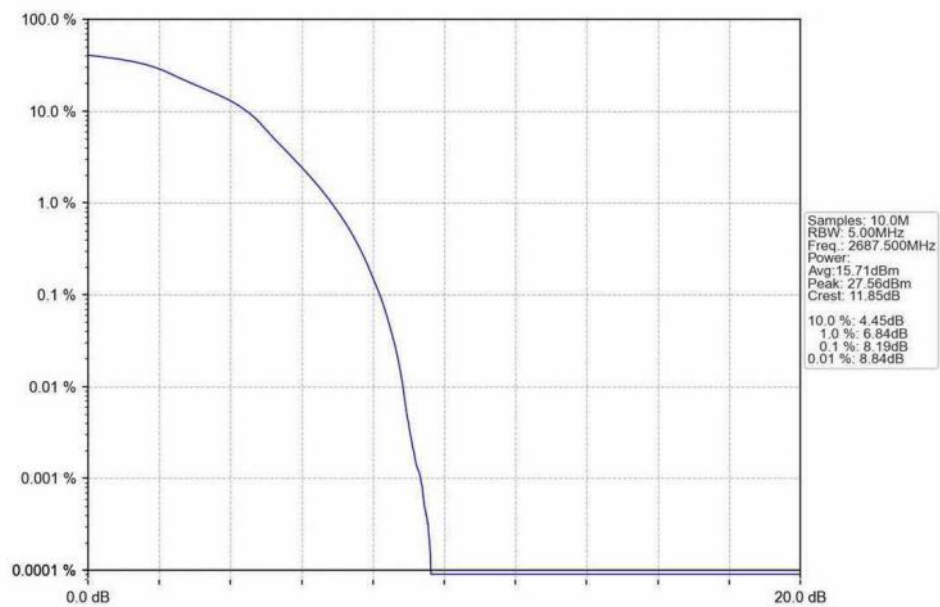
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



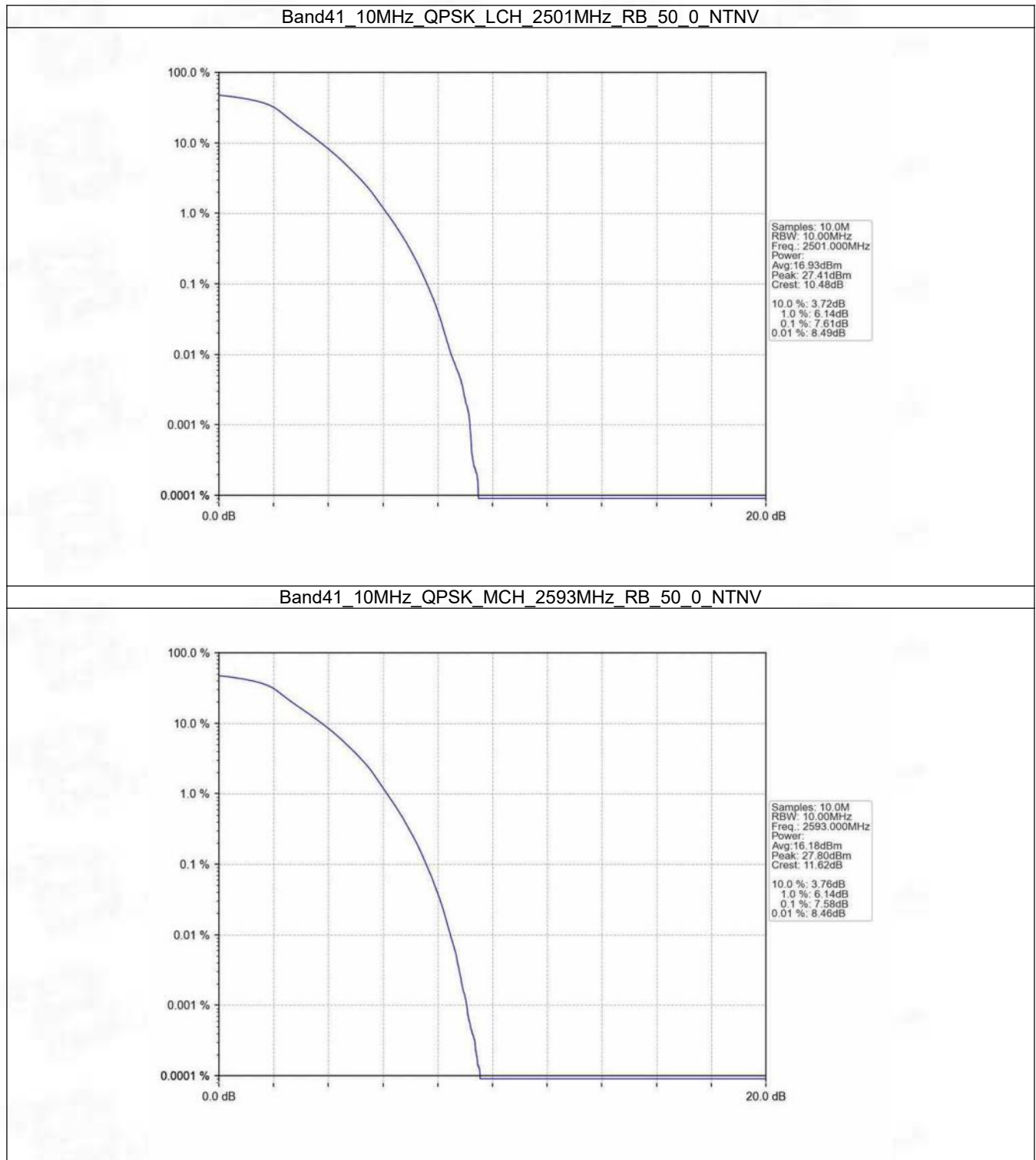
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



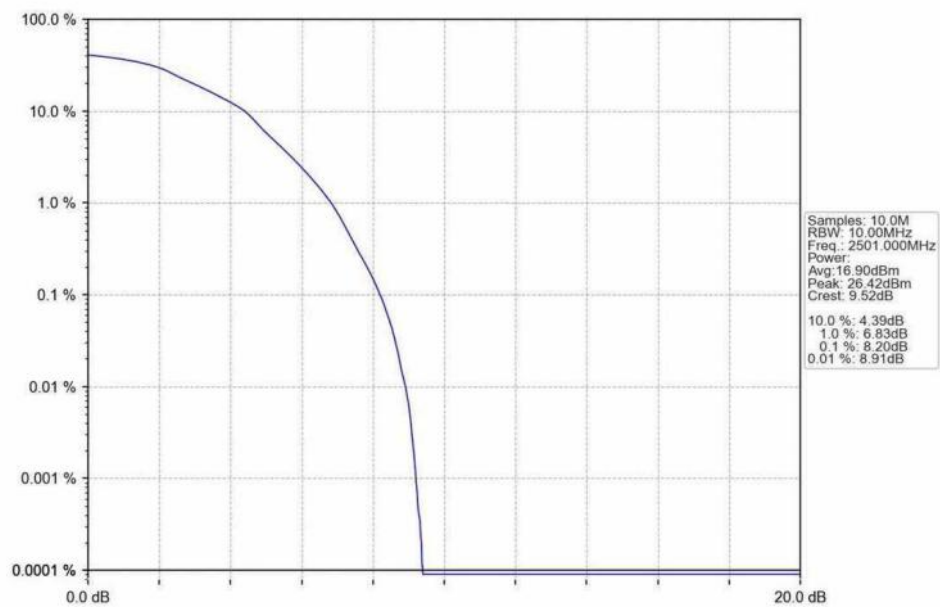
5.2.2 B41_10MHz



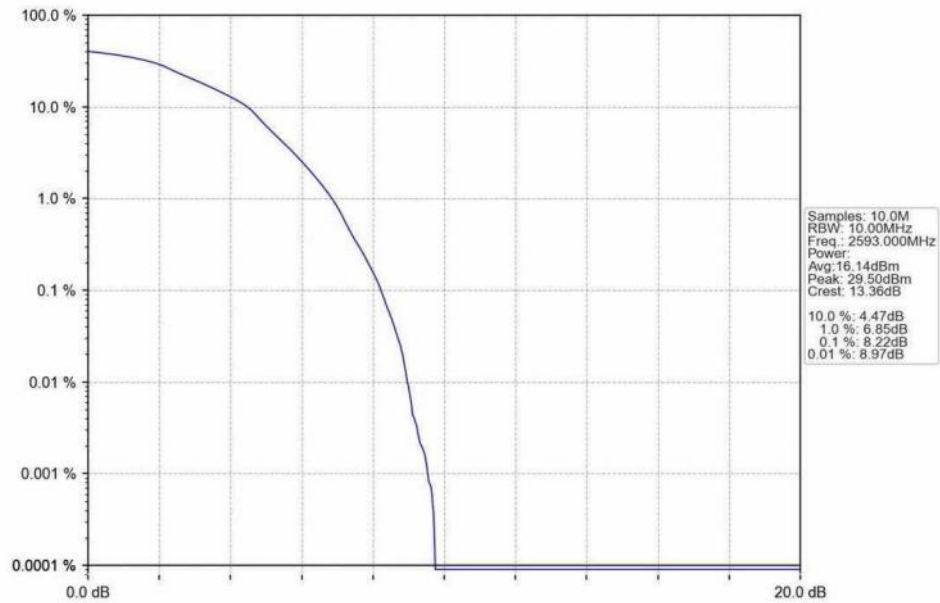
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



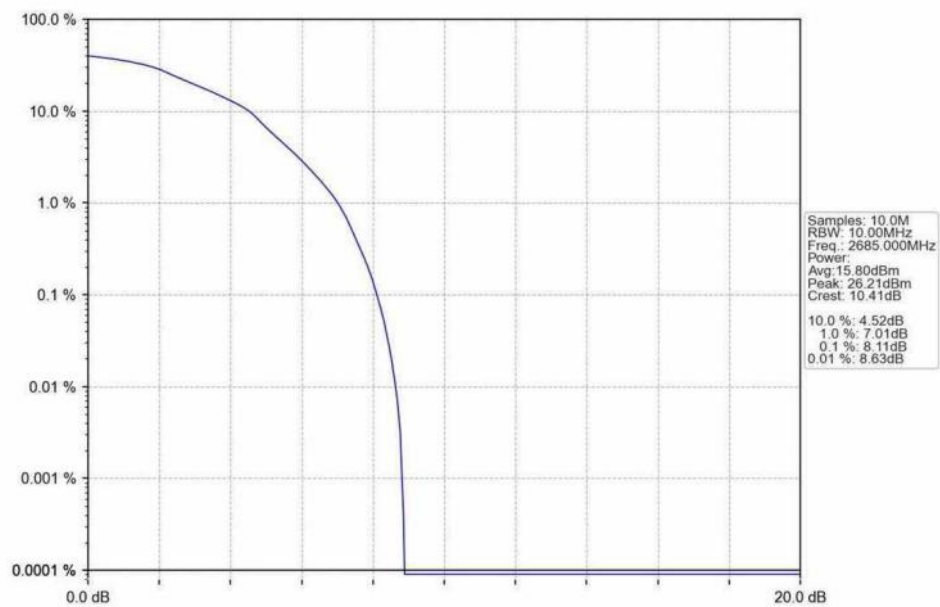
Band41_10MHz_16QAM_LCH_2501MHz_RB_27_0_NTNV



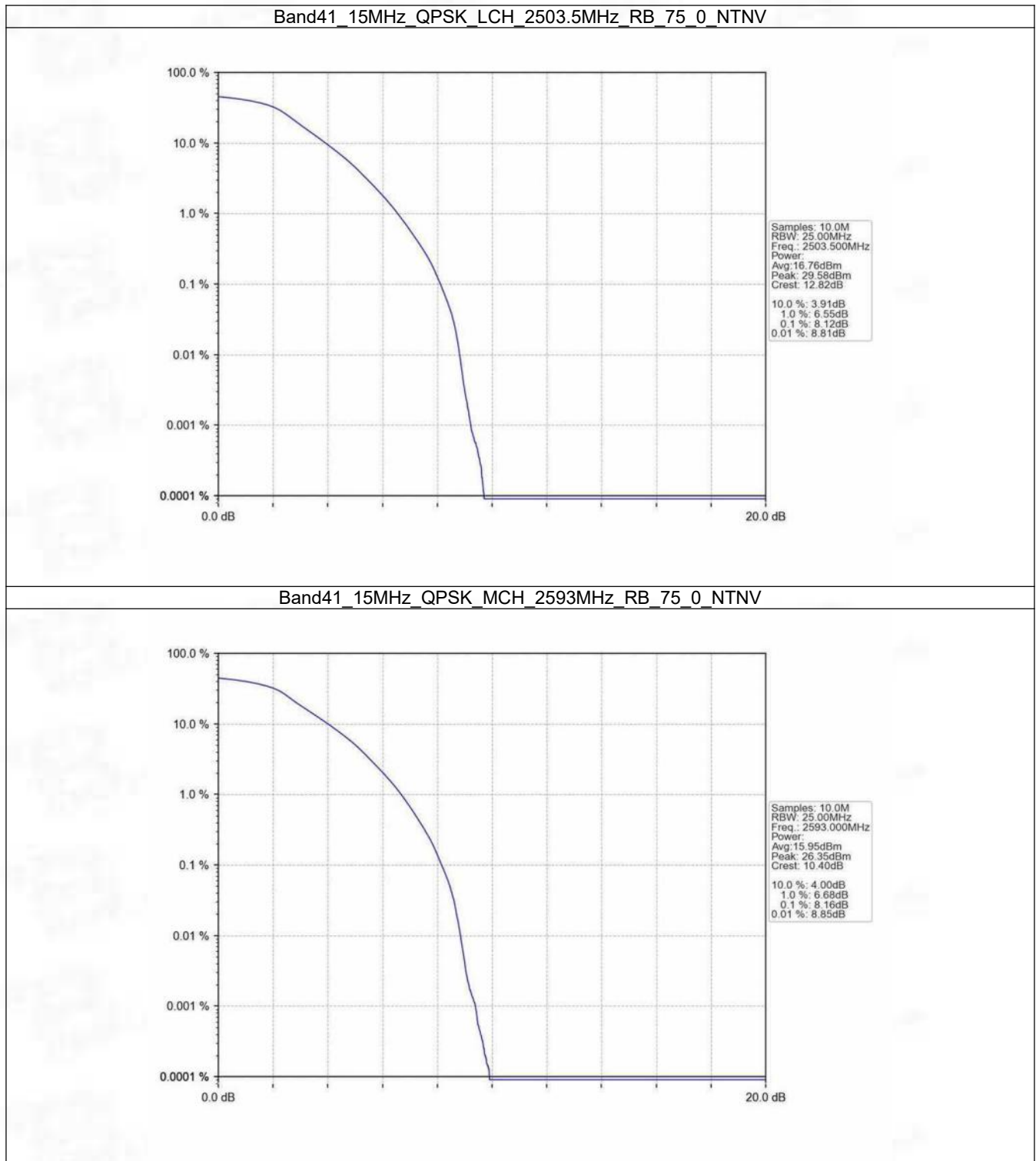
Band41_10MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



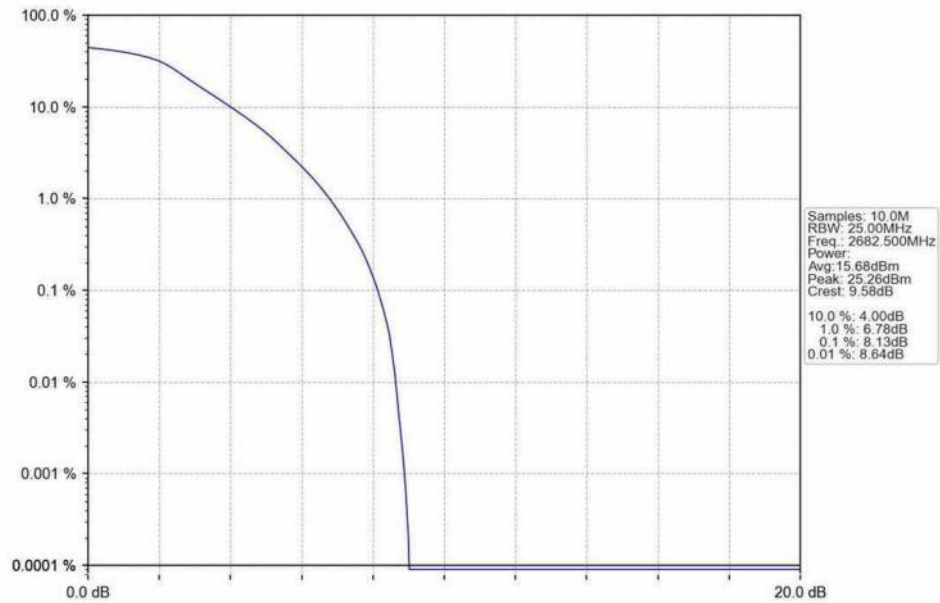
Band41_10MHz_16QAM_HCH_2685MHz_RB_27_23_NTNV



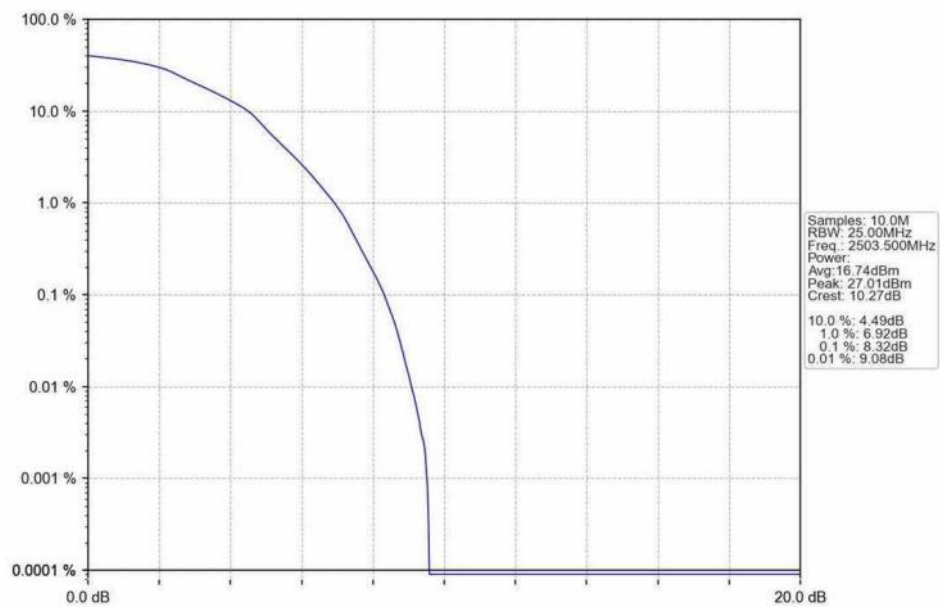
5.2.3 B41_15MHz



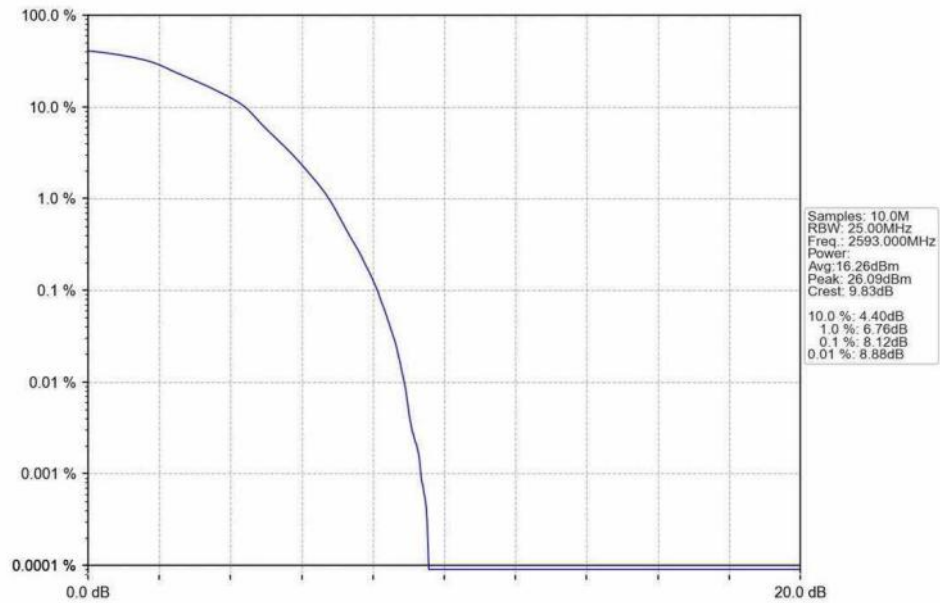
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



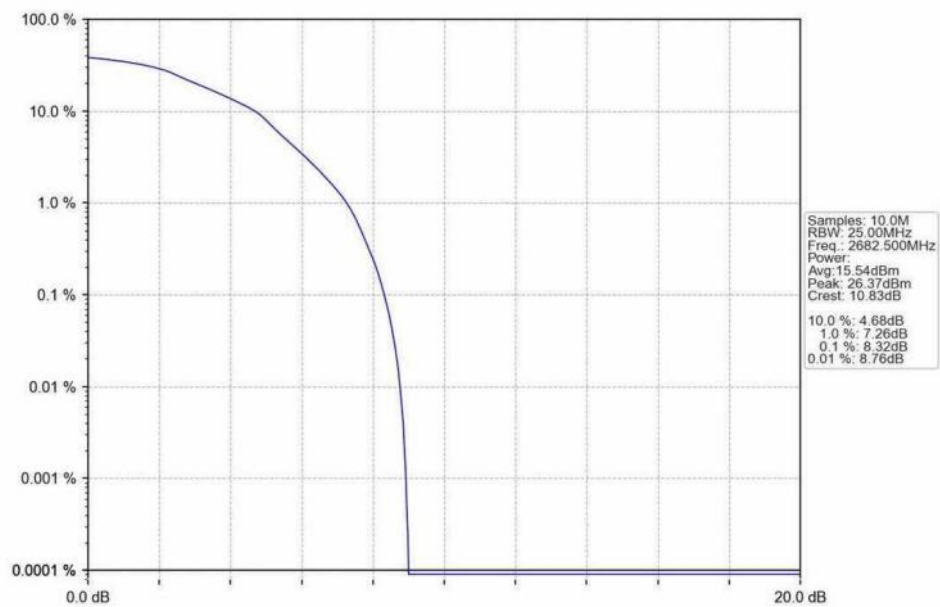
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_27_0_NTNV



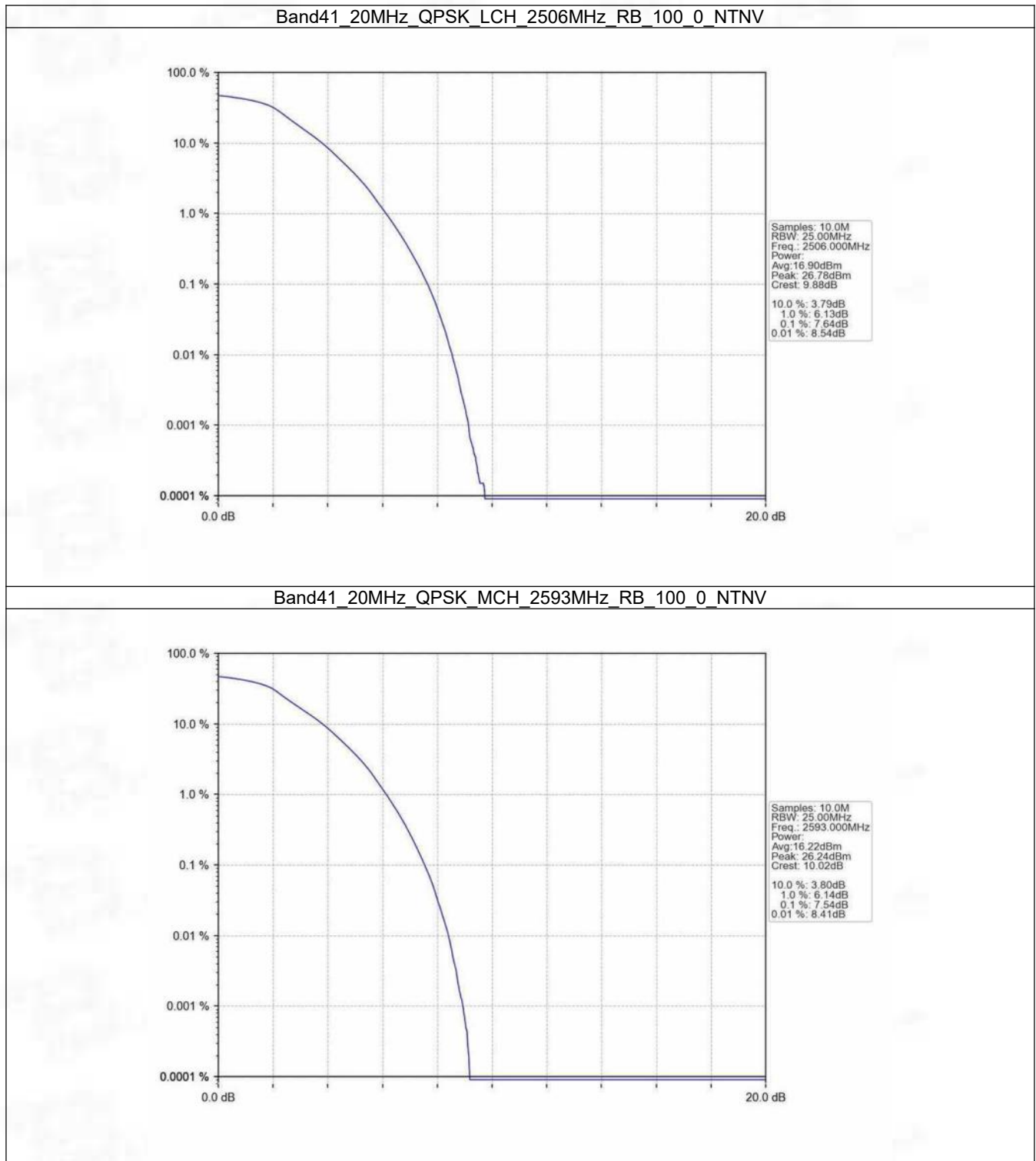
Band41_15MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



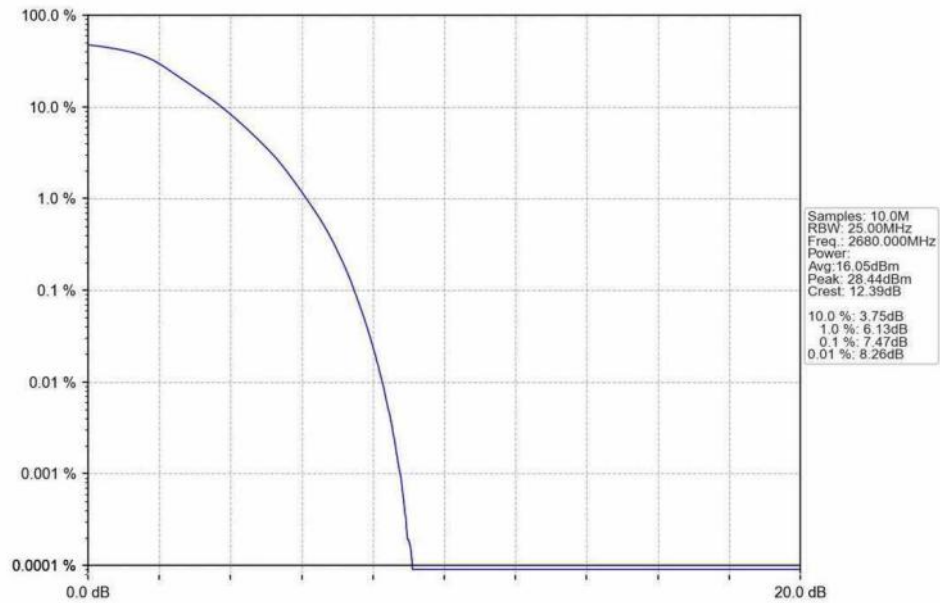
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_27_48_NTNV



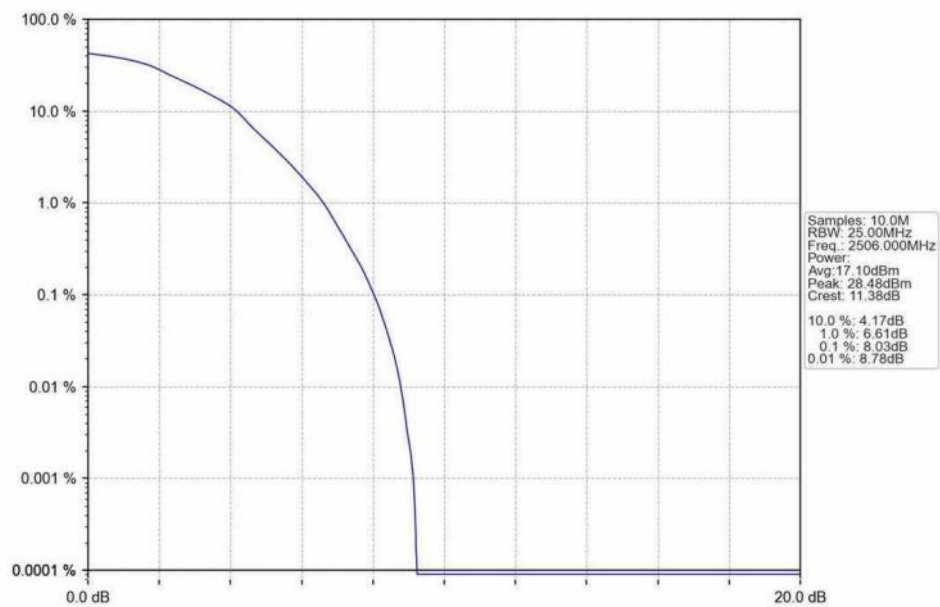
5.2.4 B41_20MHz



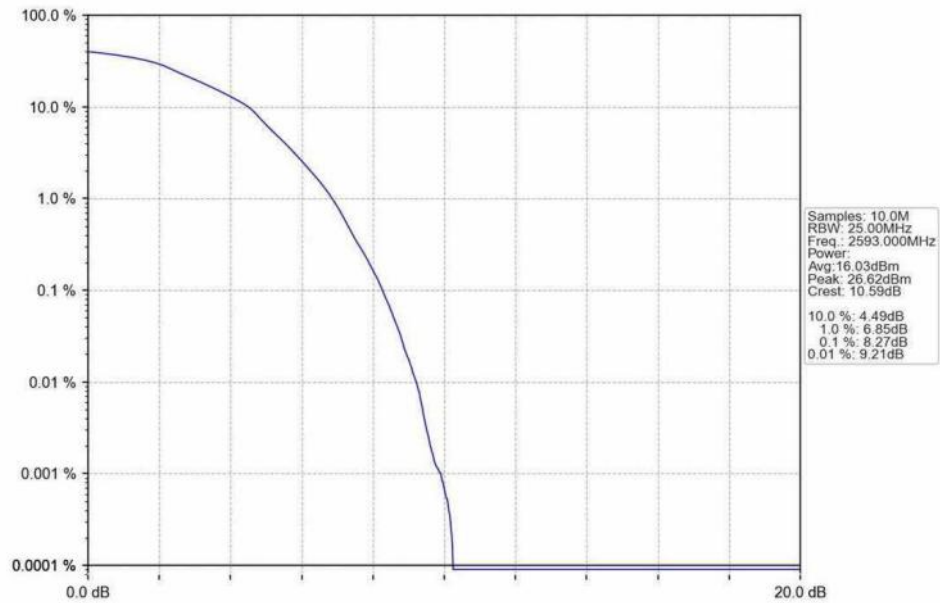
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



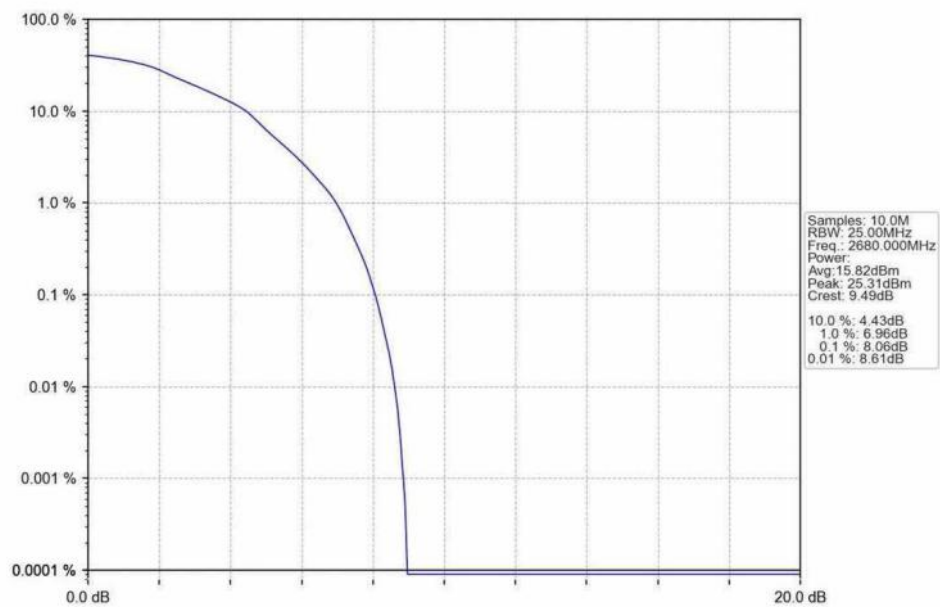
Band41_20MHz_16QAM_LCH_2506MHz_RB_27_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_27_73_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	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	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2687.5	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 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
		1	49	Refer To Test Graph		Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass

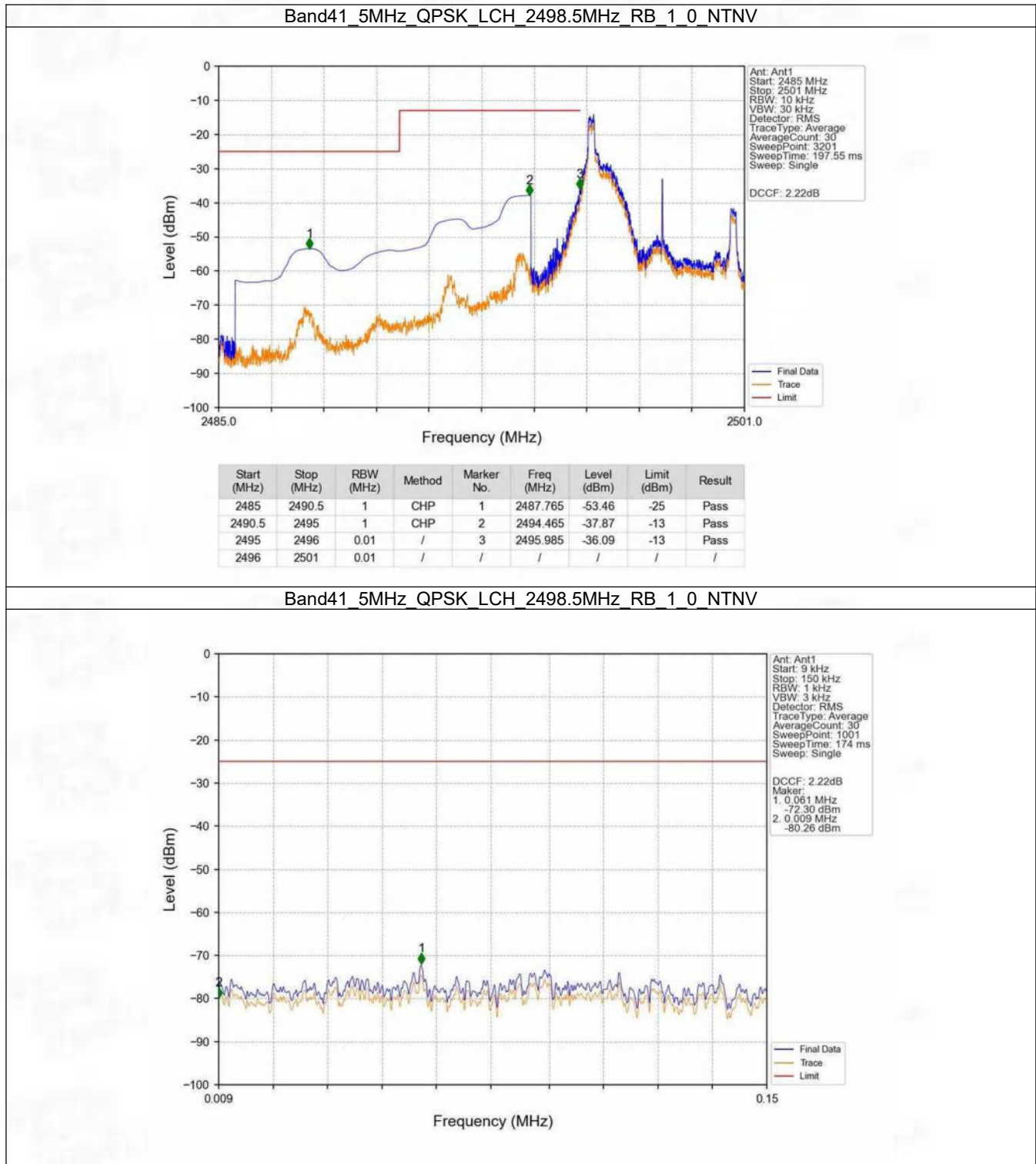
			74	Refer To Test Graph	Pass
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6.1.4 B41_20MHz

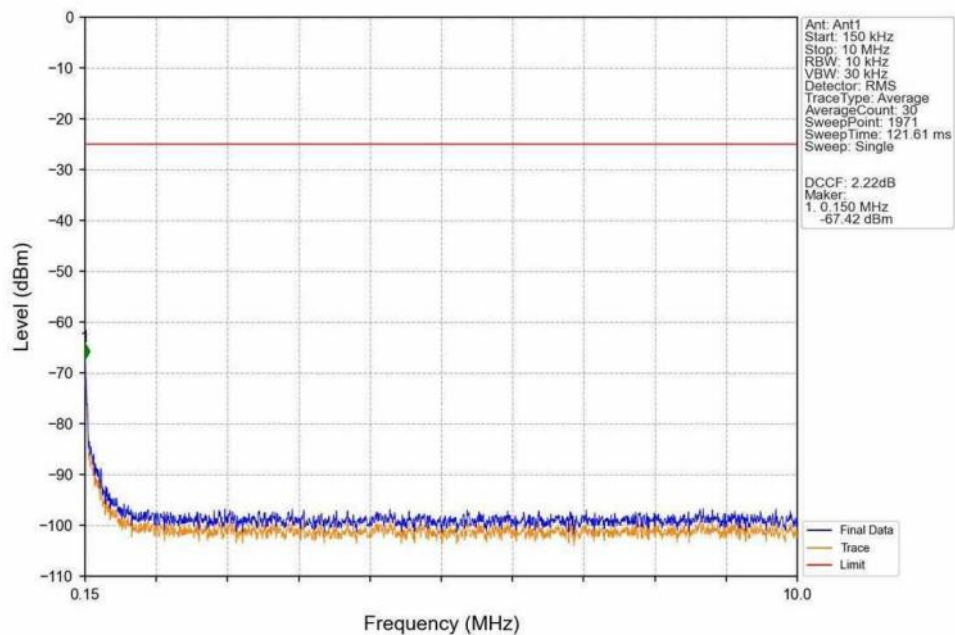
Band: 41 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2506	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2680	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	2506	1	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2680	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass

6.2 Test Graph

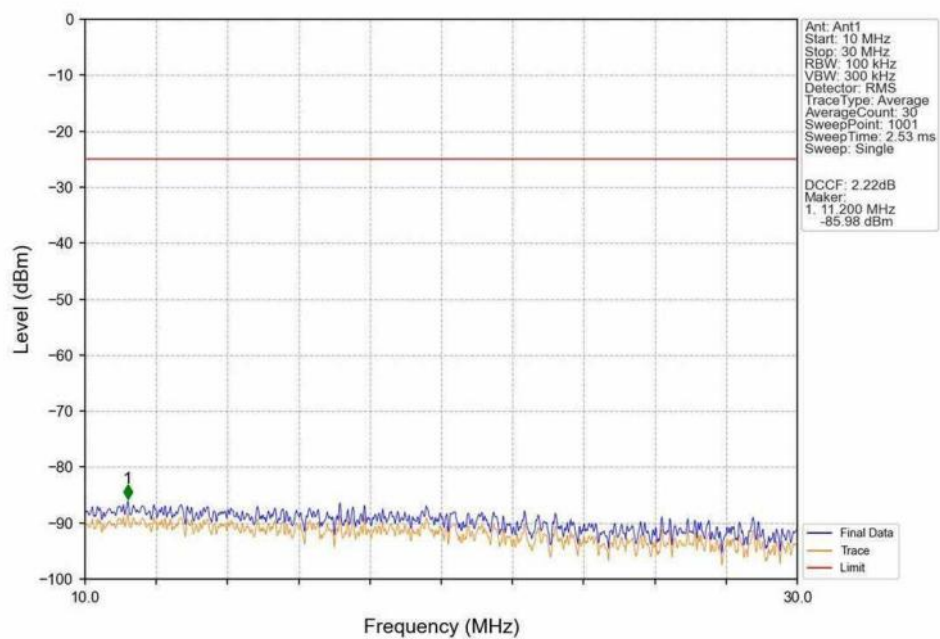
6.2.1 B41_5MHz



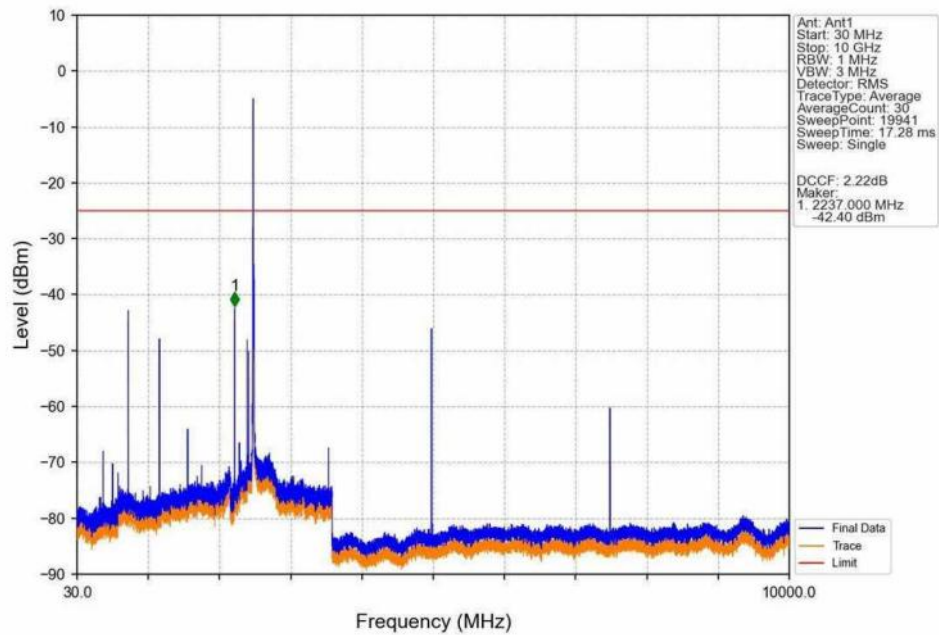
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



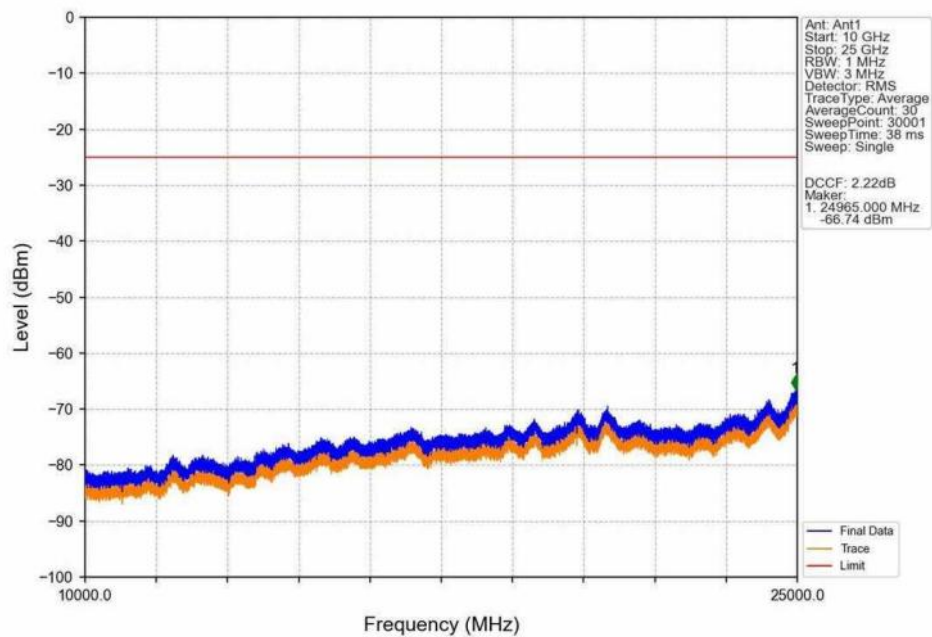
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



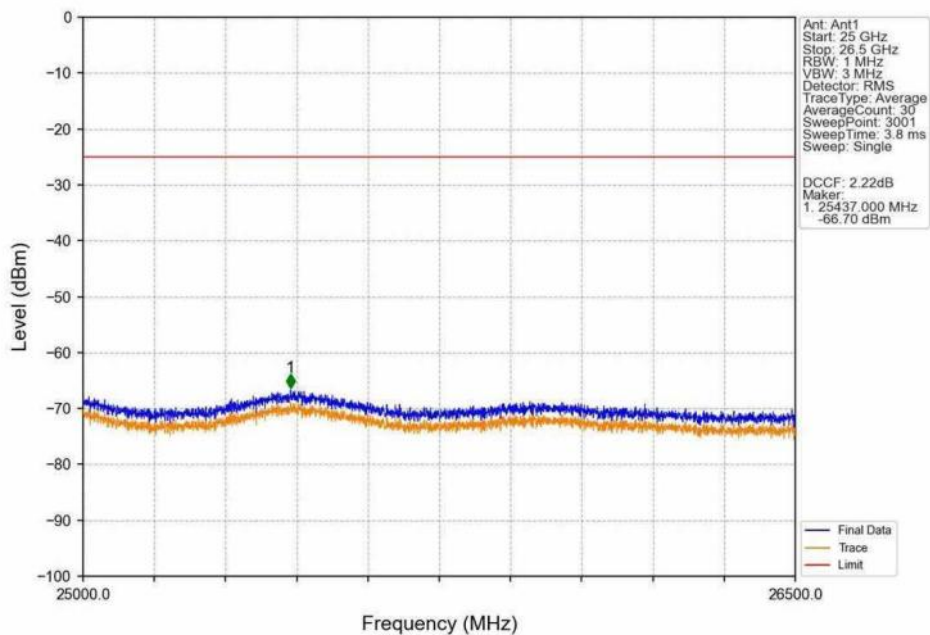
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



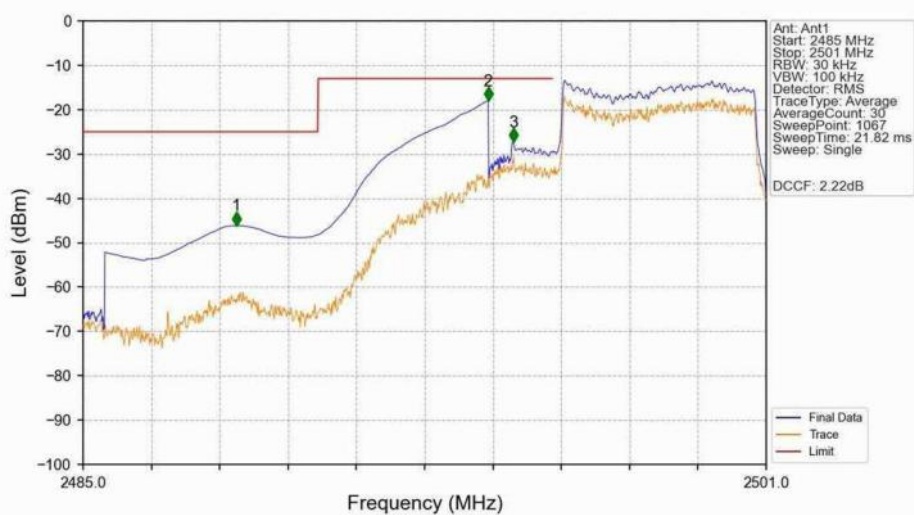
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

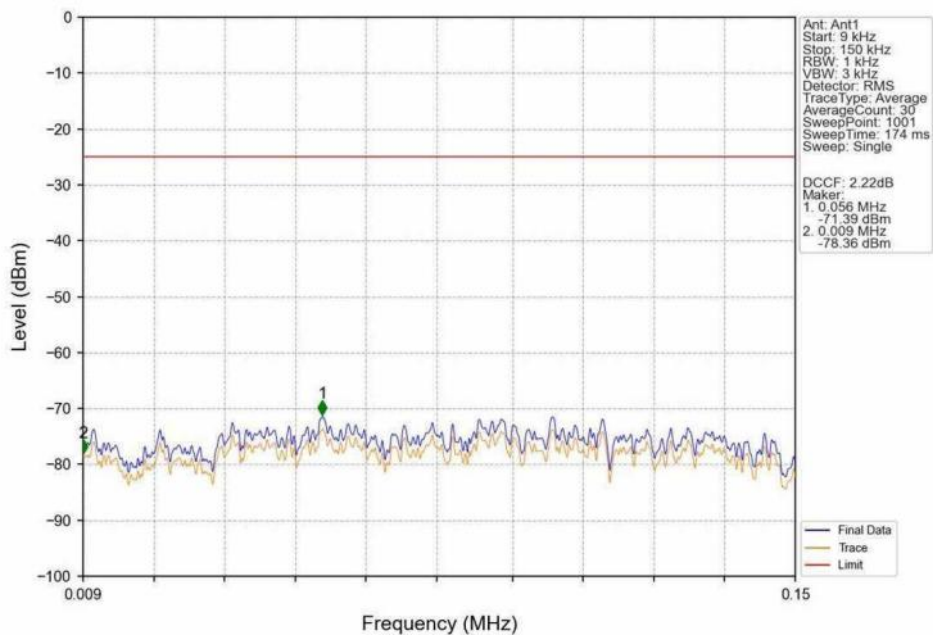


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

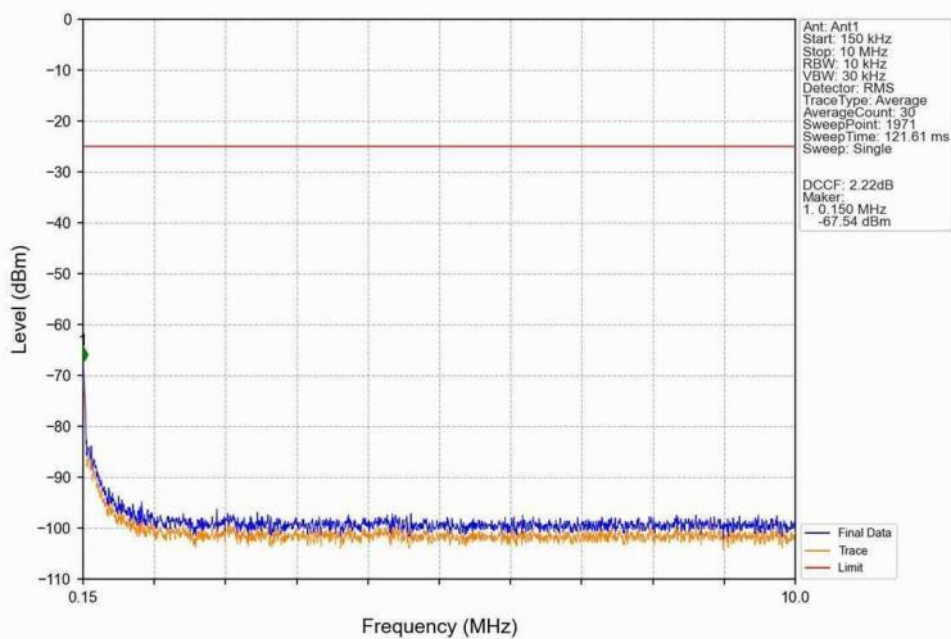


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.587	-46.12	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-17.97	-13	Pass
2495	2496	0.054	CHP	3	2495.071	-27.29	-13	Pass
2496	2501	0.054	CHP	/	/	/	/	/

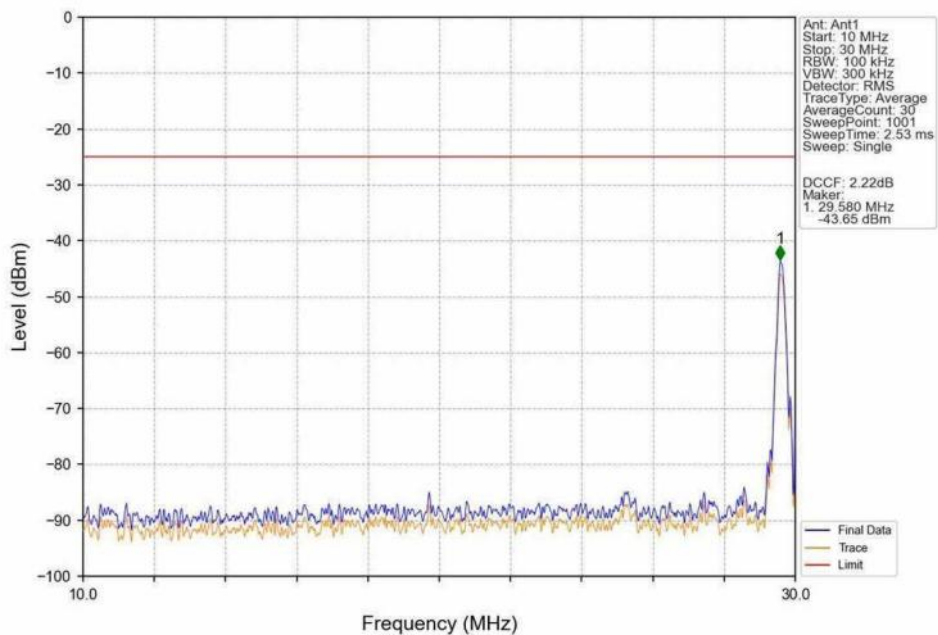
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



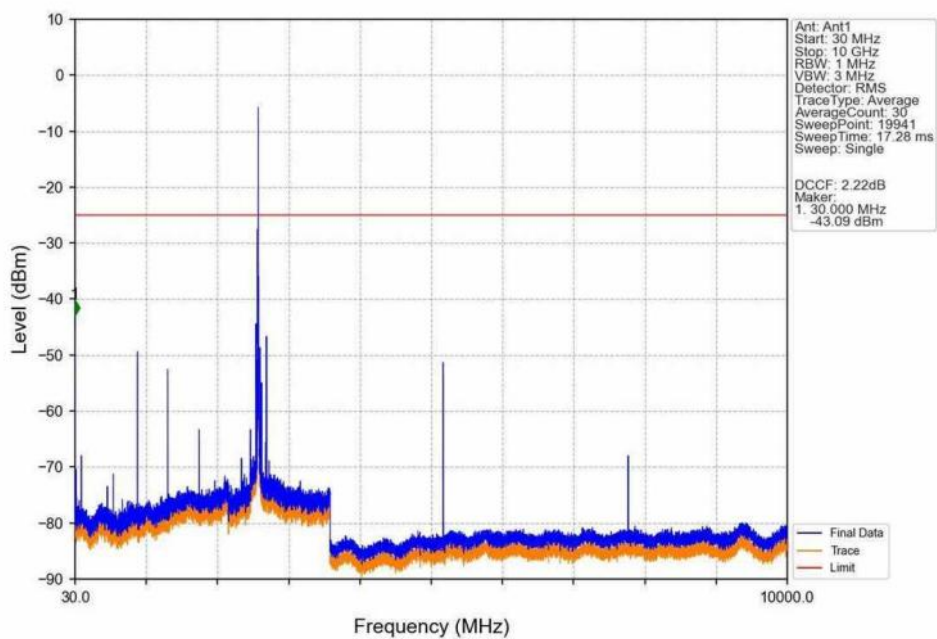
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



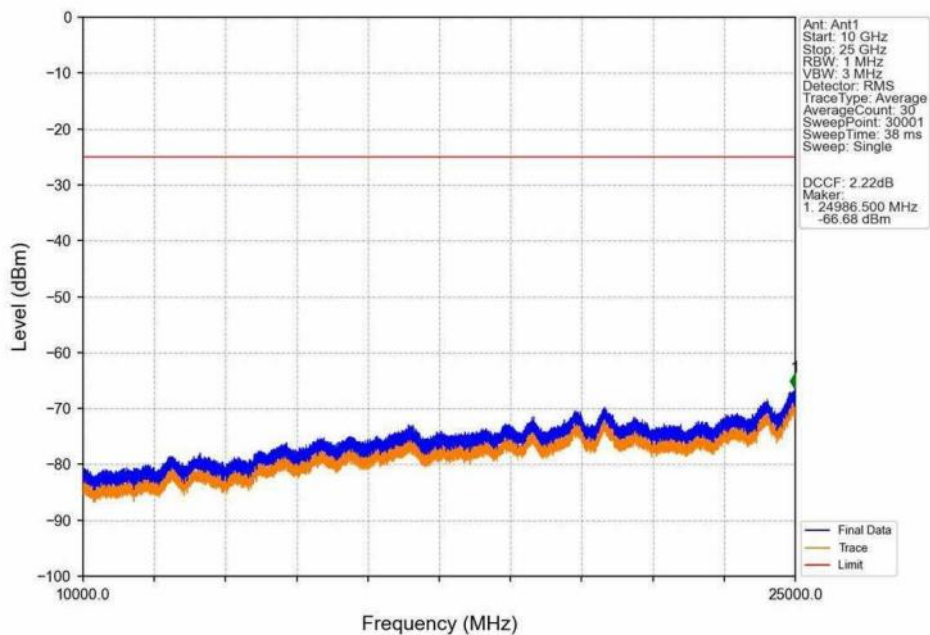
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



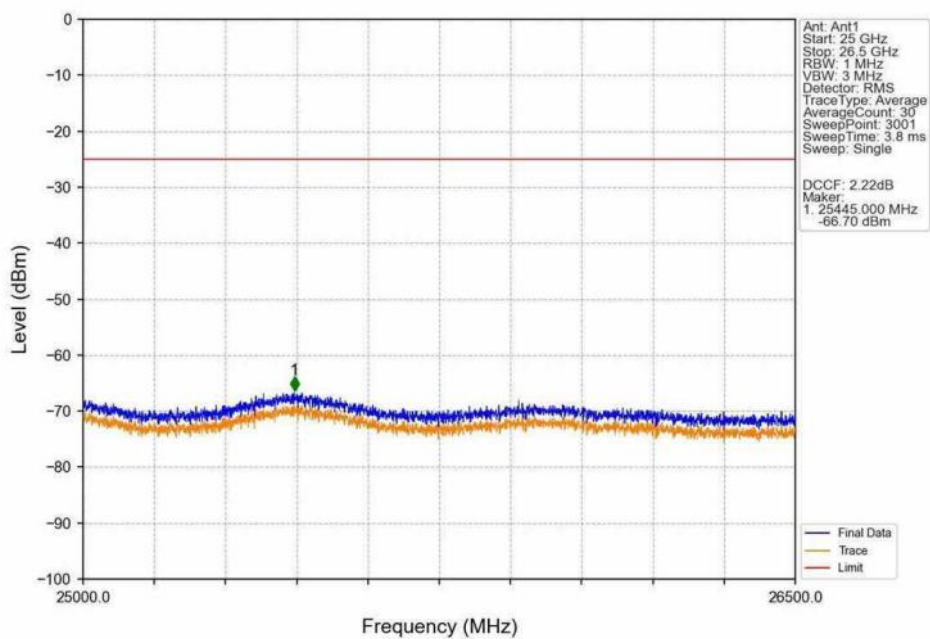
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



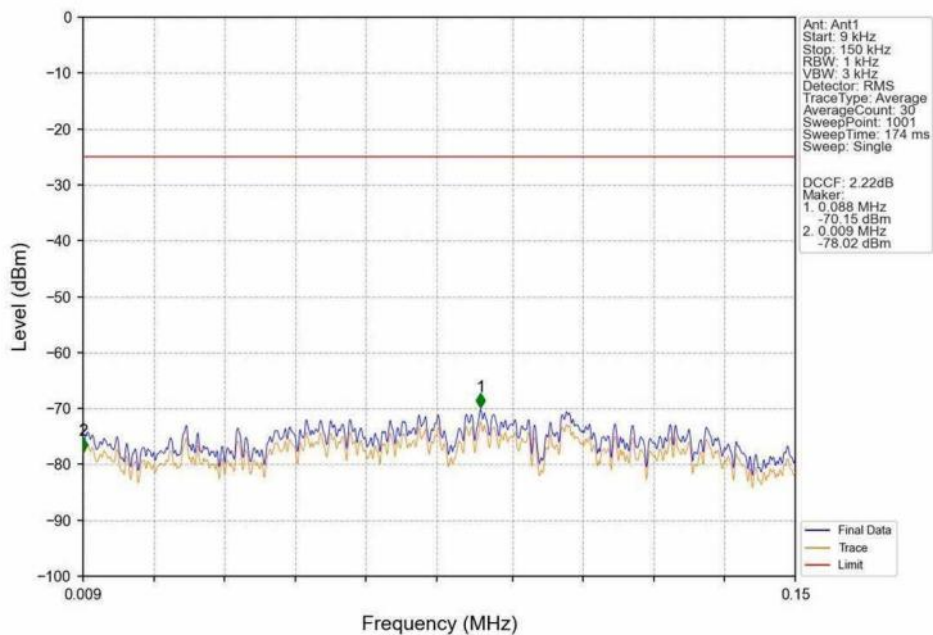
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



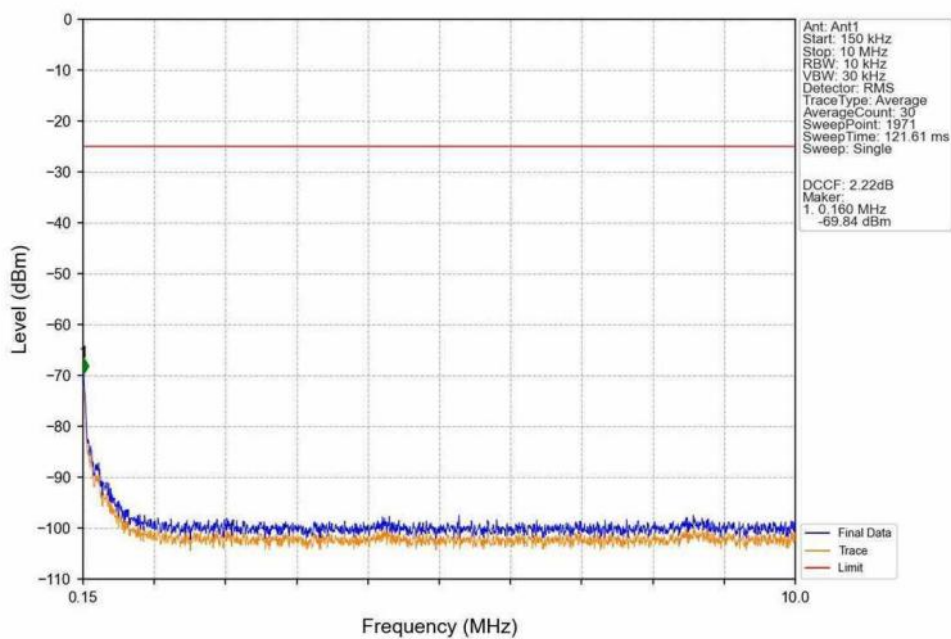
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



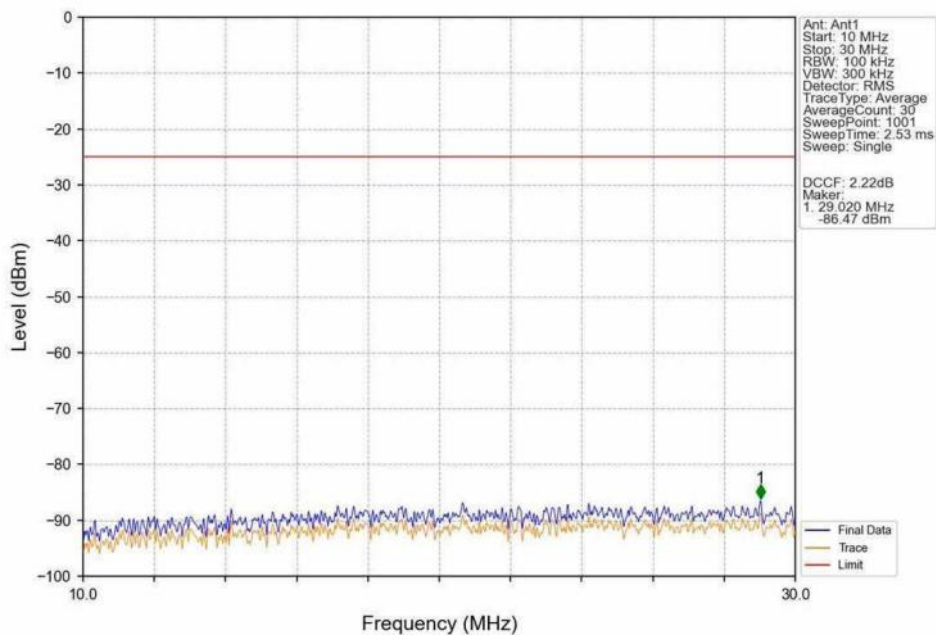
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



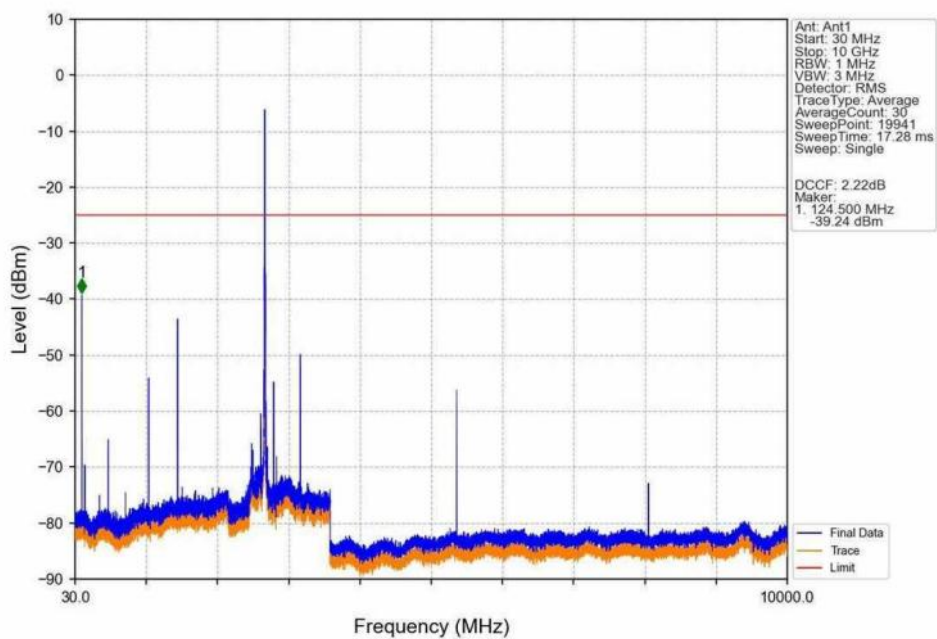
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



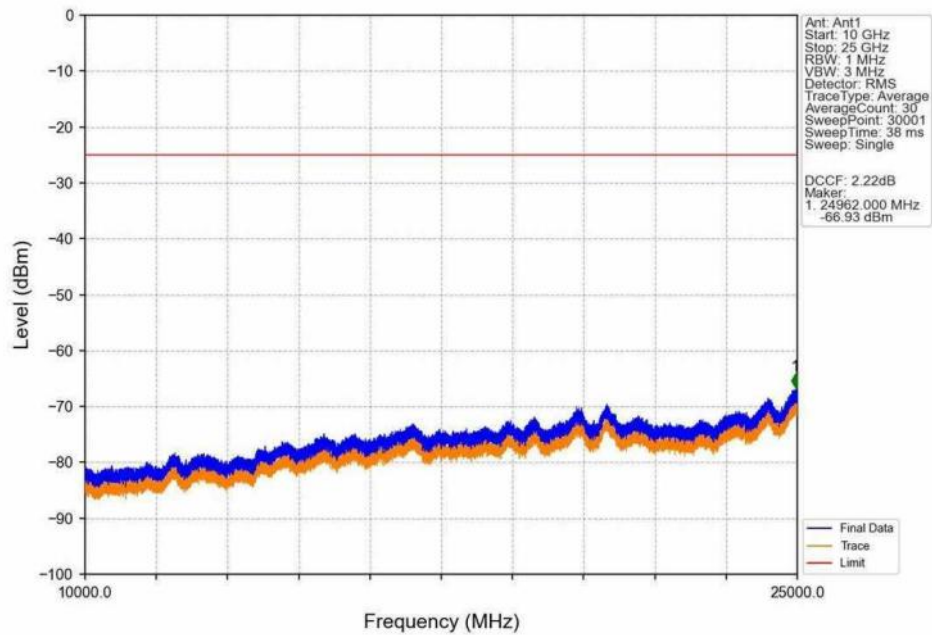
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



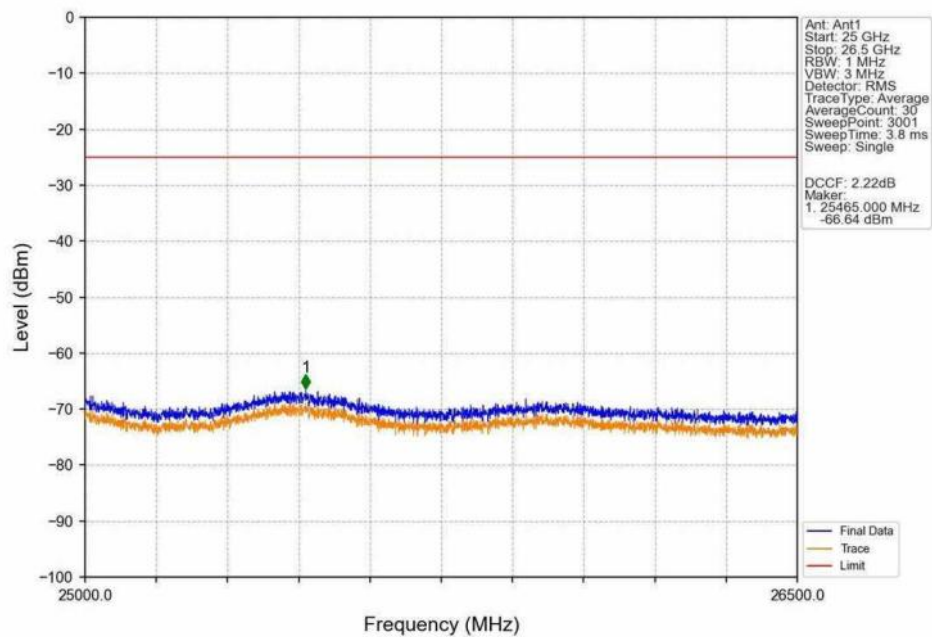
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



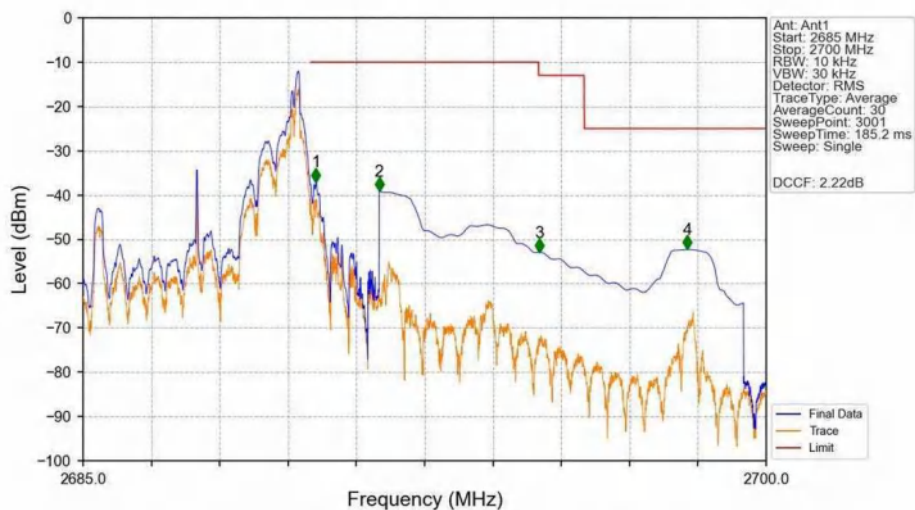
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

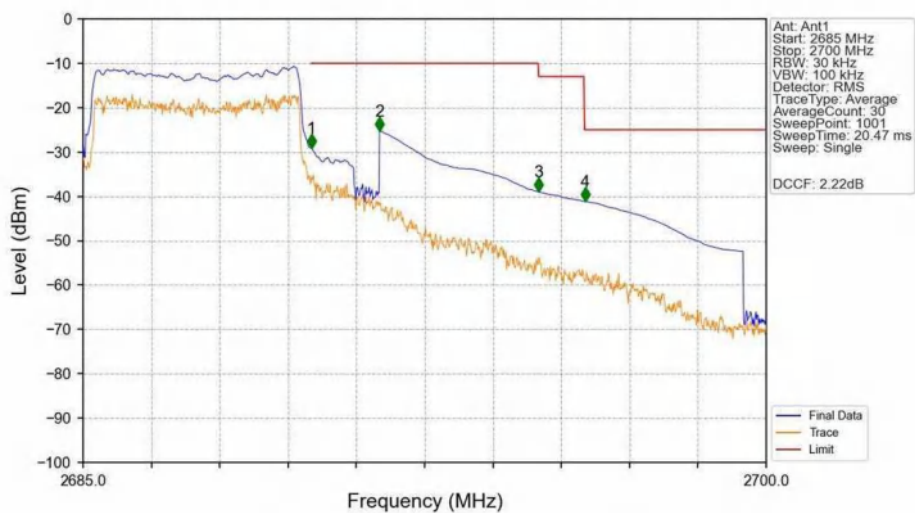


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



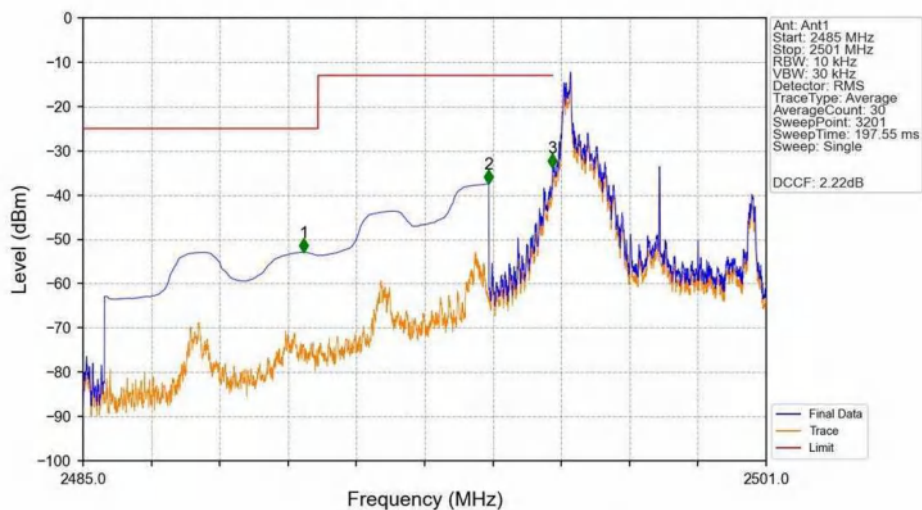
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.115	-37.01	-10	Pass
2691	2695	1	CHP	2	2691.500	-39.16	-10	Pass
2695	2696	1	CHP	3	2695.020	-52.87	-13	Pass
2696	2700	1	CHP	4	2698.265	-52.28	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



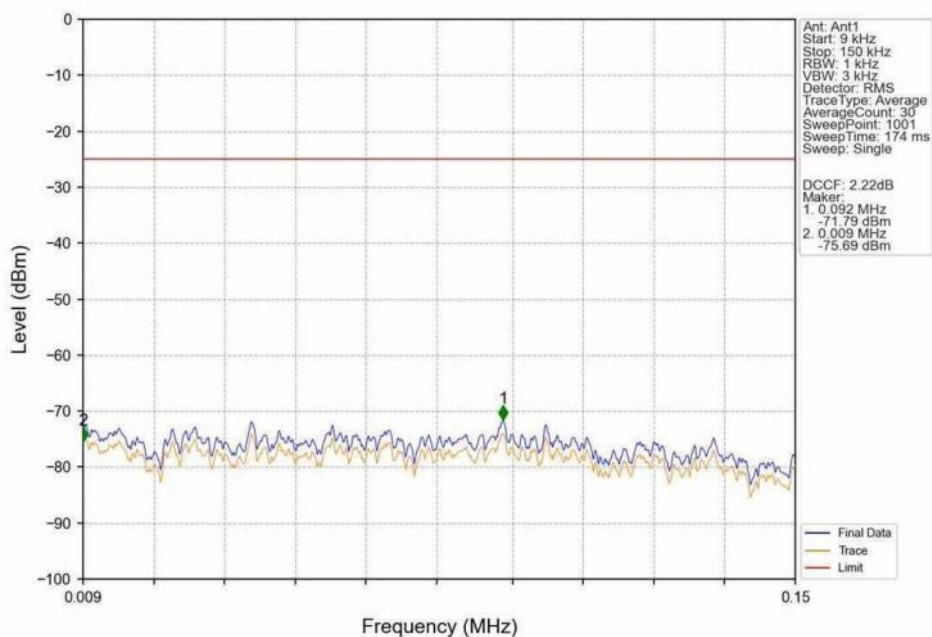
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.099	CHP	/	/	/	/	/
2690	2691	0.099	CHP	1	2690.010	-29.05	-10	Pass
2691	2695	1	CHP	2	2691.510	-25.23	-10	Pass
2695	2696	1	CHP	3	2695.005	-38.98	-13	Pass
2696	2700	1	CHP	4	2696.025	-41.17	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

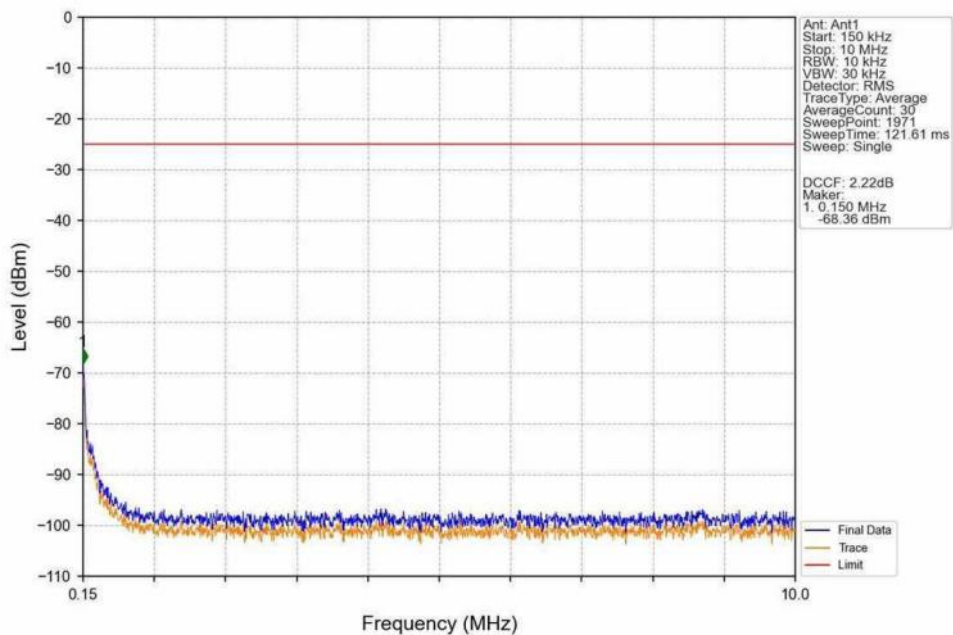


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.170	-52.87	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-37.49	-13	Pass
2495	2496	0.01	/	3	2495.995	-33.86	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

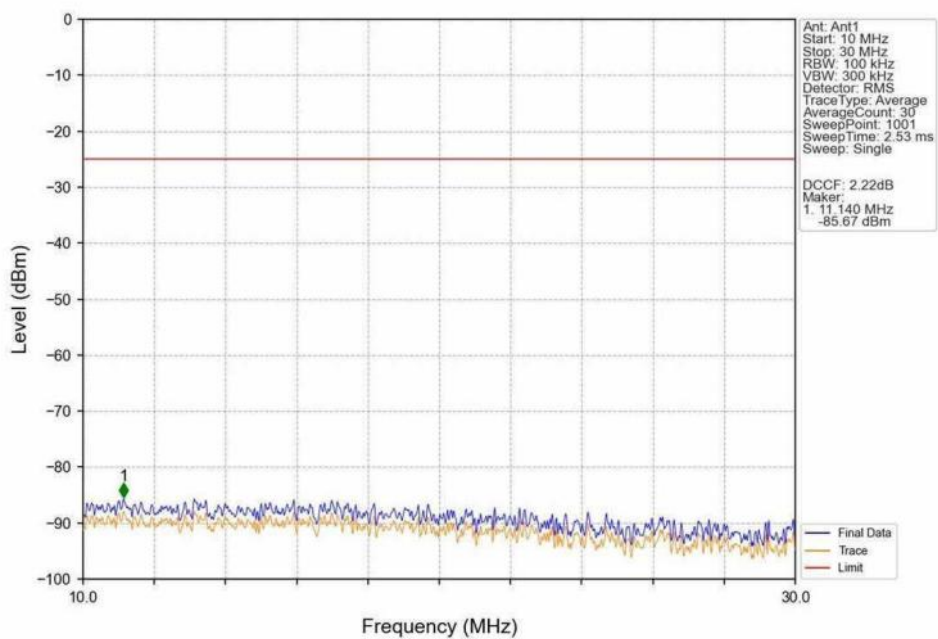
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



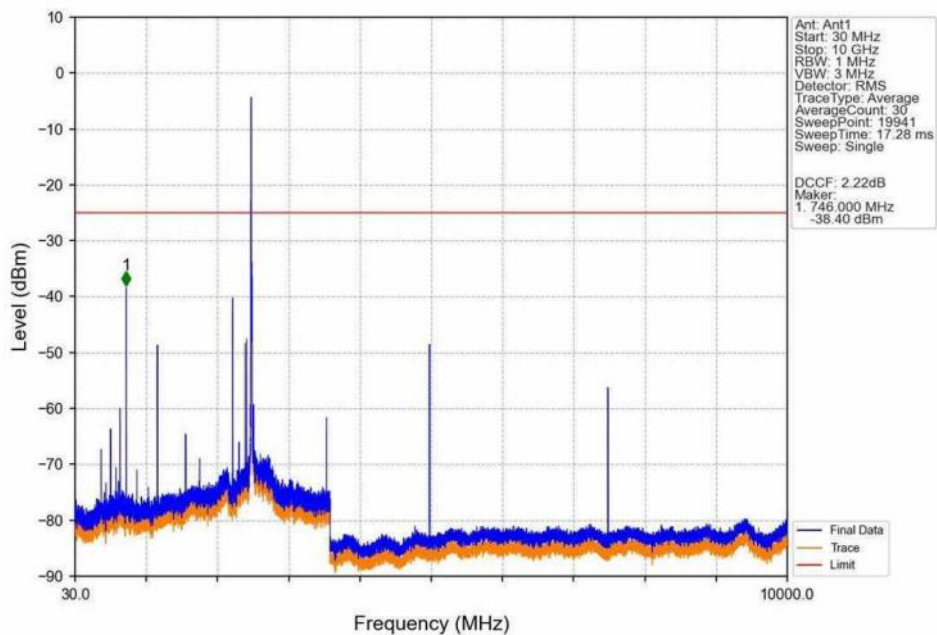
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



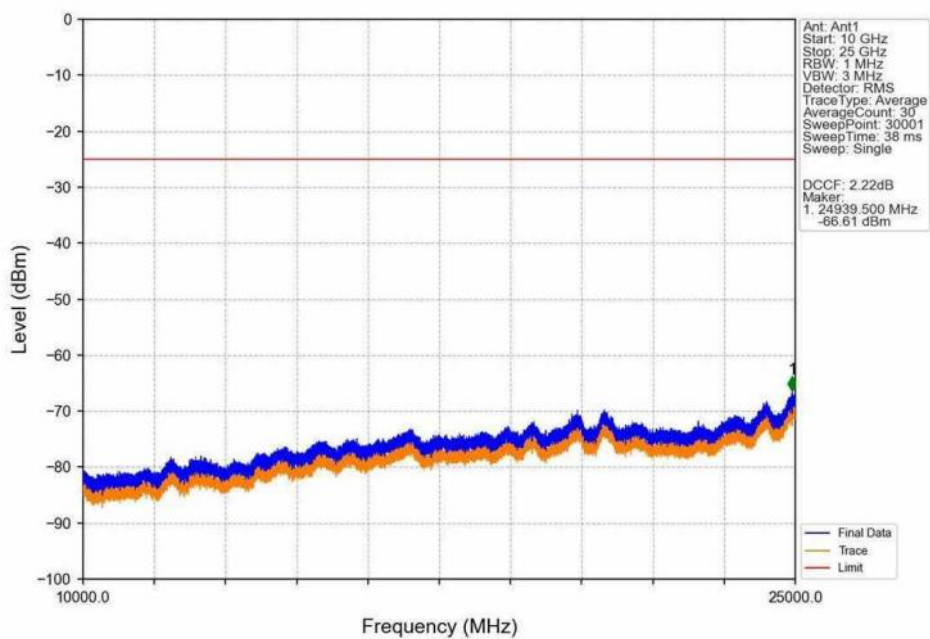
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



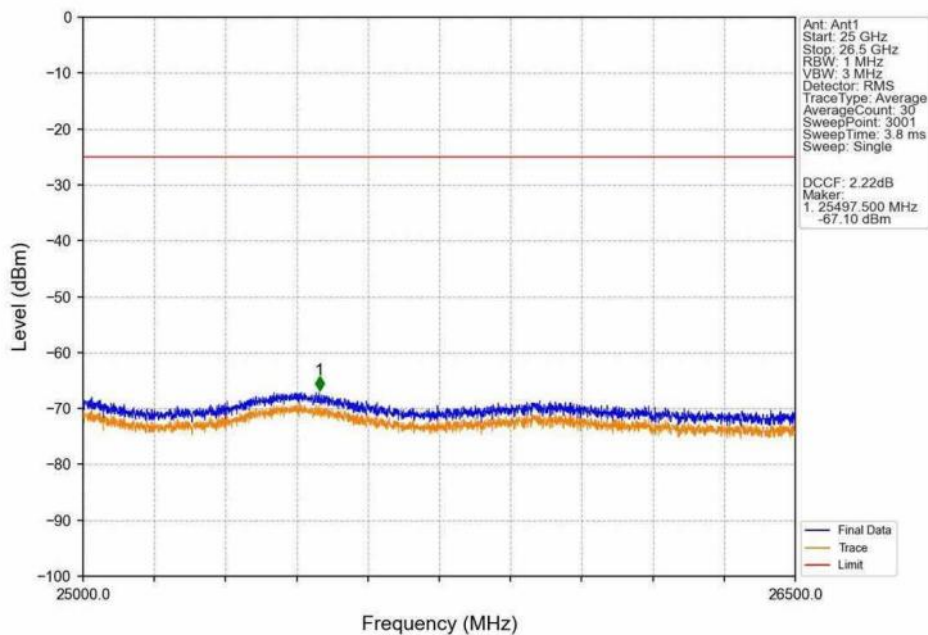
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



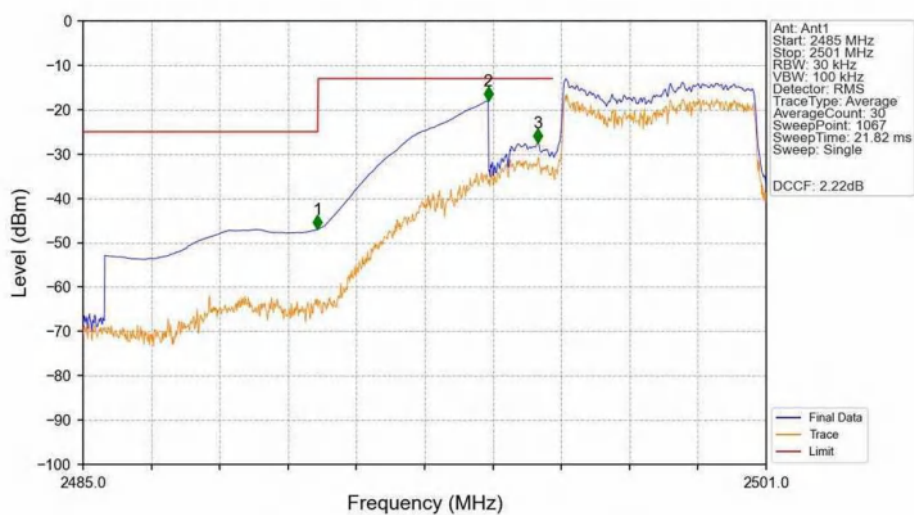
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-47.02	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-17.92	-13	Pass
2495	2496	0.051	CHP	3	2495.642	-27.37	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/