

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2498.5	1	0	28.64	-0.27	28.37	<=33.01	Pass	
			13	28.76	-0.27	28.49	<=33.01	Pass	
			24	28.70	-0.27	28.43	<=33.01	Pass	
		12	0	27.69	-0.27	27.42	<=33.01	Pass	
			6	27.81	-0.27	27.54	<=33.01	Pass	
			13	27.81	-0.27	27.54	<=33.01	Pass	
		25	0	27.86	-0.27	27.59	<=33.01	Pass	
		2593	1	0	29.18	-0.27	28.91	<=33.01	Pass
				13	29.17	-0.27	28.90	<=33.01	Pass
	24			29.04	-0.27	28.77	<=33.01	Pass	
	12		0	28.10	-0.27	27.83	<=33.01	Pass	
			6	28.24	-0.27	27.97	<=33.01	Pass	
			13	28.07	-0.27	27.80	<=33.01	Pass	
	25	0	28.18	-0.27	27.91	<=33.01	Pass		
	2687.5	1	0	28.80	-0.27	28.53	<=33.01	Pass	
			13	29.02	-0.27	28.75	<=33.01	Pass	
			24	28.95	-0.27	28.68	<=33.01	Pass	
		12	0	27.90	-0.27	27.63	<=33.01	Pass	
			6	27.82	-0.27	27.55	<=33.01	Pass	
			13	27.78	-0.27	27.51	<=33.01	Pass	
		25	0	27.76	-0.27	27.49	<=33.01	Pass	
16QAM		2498.5	1	0	27.74	-0.27	27.47	<=33.01	Pass
				13	27.82	-0.27	27.55	<=33.01	Pass
	24			27.73	-0.27	27.46	<=33.01	Pass	
	12		0	26.75	-0.27	26.48	<=33.01	Pass	
			6	26.74	-0.27	26.47	<=33.01	Pass	
			13	26.65	-0.27	26.38	<=33.01	Pass	
	25		0	26.75	-0.27	26.48	<=33.01	Pass	
	2593		1	0	28.14	-0.27	27.87	<=33.01	Pass
				13	28.29	-0.27	28.02	<=33.01	Pass
		24		28.19	-0.27	27.92	<=33.01	Pass	
		12	0	27.17	-0.27	26.90	<=33.01	Pass	
			6	27.04	-0.27	26.77	<=33.01	Pass	
			13	27.17	-0.27	26.90	<=33.01	Pass	
	25	0	27.13	-0.27	26.86	<=33.01	Pass		
	2687.5	1	0	27.70	-0.27	27.43	<=33.01	Pass	
			13	28.15	-0.27	27.88	<=33.01	Pass	
			24	27.75	-0.27	27.48	<=33.01	Pass	
		12	0	26.47	-0.27	26.20	<=33.01	Pass	
			6	26.52	-0.27	26.25	<=33.01	Pass	
			13	26.60	-0.27	26.33	<=33.01	Pass	
		25	0	26.71	-0.27	26.44	<=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	28.66	-0.27	28.39	<=33.01	Pass	
			25	28.96	-0.27	28.69	<=33.01	Pass	
			49	28.73	-0.27	28.46	<=33.01	Pass	
		25	0	27.64	-0.27	27.37	<=33.01	Pass	
			13	27.78	-0.27	27.51	<=33.01	Pass	
			25	27.79	-0.27	27.52	<=33.01	Pass	
		50	0	27.73	-0.27	27.46	<=33.01	Pass	
		2593	1	0	29.08	-0.27	28.81	<=33.01	Pass
				25	29.41	-0.27	29.14	<=33.01	Pass
	49			29.18	-0.27	28.91	<=33.01	Pass	
	25		0	28.07	-0.27	27.80	<=33.01	Pass	
			13	28.20	-0.27	27.93	<=33.01	Pass	
			25	28.07	-0.27	27.80	<=33.01	Pass	
	50	0	28.08	-0.27	27.81	<=33.01	Pass		
	2685	1	0	28.83	-0.27	28.56	<=33.01	Pass	
			25	29.00	-0.27	28.73	<=33.01	Pass	
			49	28.84	-0.27	28.57	<=33.01	Pass	
		25	0	27.72	-0.27	27.45	<=33.01	Pass	
			13	27.75	-0.27	27.48	<=33.01	Pass	
			25	27.74	-0.27	27.47	<=33.01	Pass	
50		0	27.70	-0.27	27.43	<=33.01	Pass		
16QAM		2501	1	0	27.85	-0.27	27.58	<=33.01	Pass
				25	27.73	-0.27	27.46	<=33.01	Pass
	49			27.91	-0.27	27.64	<=33.01	Pass	
	25		0	26.63	-0.27	26.36	<=33.01	Pass	
			13	26.67	-0.27	26.40	<=33.01	Pass	
			25	26.77	-0.27	26.50	<=33.01	Pass	
	50		0	26.70	-0.27	26.43	<=33.01	Pass	
	2593	1	0	27.94	-0.27	27.67	<=33.01	Pass	
			25	28.17	-0.27	27.90	<=33.01	Pass	
			49	27.99	-0.27	27.72	<=33.01	Pass	
		25	0	27.08	-0.27	26.81	<=33.01	Pass	
			13	27.14	-0.27	26.87	<=33.01	Pass	
			25	27.13	-0.27	26.86	<=33.01	Pass	
	50	0	27.14	-0.27	26.87	<=33.01	Pass		
	2685	1	0	27.65	-0.27	27.38	<=33.01	Pass	
			25	27.98	-0.27	27.71	<=33.01	Pass	
			49	27.80	-0.27	27.53	<=33.01	Pass	
		25	0	26.70	-0.27	26.43	<=33.01	Pass	
			13	26.83	-0.27	26.56	<=33.01	Pass	
25			26.79	-0.27	26.52	<=33.01	Pass		
50		0	26.63	-0.27	26.36	<=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	28.69	-0.27	28.42	<=33.01	Pass
			38	28.85	-0.27	28.58	<=33.01	Pass
			74	28.57	-0.27	28.30	<=33.01	Pass
		36	0	27.77	-0.27	27.50	<=33.01	Pass
			18	27.93	-0.27	27.66	<=33.01	Pass
			39	27.90	-0.27	27.63	<=33.01	Pass

16QAM	2593	75	0	27.80	-0.27	27.53	<=33.01	Pass
		1	0	29.20	-0.27	28.93	<=33.01	Pass
			38	29.26	-0.27	28.99	<=33.01	Pass
			74	29.07	-0.27	28.80	<=33.01	Pass
		36	0	28.31	-0.27	28.04	<=33.01	Pass
			18	28.22	-0.27	27.95	<=33.01	Pass
			39	28.18	-0.27	27.91	<=33.01	Pass
		75	0	28.20	-0.27	27.93	<=33.01	Pass
	2682.5	1	0	28.72	-0.27	28.45	<=33.01	Pass
			38	28.82	-0.27	28.55	<=33.01	Pass
			74	28.71	-0.27	28.44	<=33.01	Pass
			0	27.97	-0.27	27.70	<=33.01	Pass
		36	18	27.84	-0.27	27.57	<=33.01	Pass
			39	28.06	-0.27	27.79	<=33.01	Pass
			0	27.93	-0.27	27.66	<=33.01	Pass
		2503.5	0	27.52	-0.27	27.25	<=33.01	Pass
			38	28.06	-0.27	27.79	<=33.01	Pass
			74	27.47	-0.27	27.20	<=33.01	Pass
			0	26.79	-0.27	26.52	<=33.01	Pass
	2593	36	18	26.75	-0.27	26.48	<=33.01	Pass
			39	26.86	-0.27	26.59	<=33.01	Pass
			0	26.72	-0.27	26.45	<=33.01	Pass
			0	27.89	-0.27	27.62	<=33.01	Pass
		1	38	28.02	-0.27	27.75	<=33.01	Pass
			74	27.91	-0.27	27.64	<=33.01	Pass
			0	27.08	-0.27	26.81	<=33.01	Pass
		36	18	27.18	-0.27	26.91	<=33.01	Pass
			39	27.18	-0.27	26.91	<=33.01	Pass
			0	27.24	-0.27	26.97	<=33.01	Pass
	2682.5	1	0	27.76	-0.27	27.49	<=33.01	Pass
			38	27.84	-0.27	27.57	<=33.01	Pass
			74	27.54	-0.27	27.27	<=33.01	Pass
			0	26.85	-0.27	26.58	<=33.01	Pass
		36	18	26.76	-0.27	26.49	<=33.01	Pass
			39	26.72	-0.27	26.45	<=33.01	Pass
			0	26.70	-0.27	26.43	<=33.01	Pass
		75	0	26.70	-0.27	26.43	<=33.01	Pass

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	28.51	-0.27	28.24	<=33.01	Pass
			50	28.95	-0.27	28.68	<=33.01	Pass
			99	28.60	-0.27	28.33	<=33.01	Pass
		50	0	27.69	-0.27	27.42	<=33.01	Pass
			25	27.85	-0.27	27.58	<=33.01	Pass
			50	27.84	-0.27	27.57	<=33.01	Pass
		100	0	27.80	-0.27	27.53	<=33.01	Pass
	2593	1	0	28.92	-0.27	28.65	<=33.01	Pass
			50	29.34	-0.27	29.07	<=33.01	Pass
			99	28.89	-0.27	28.62	<=33.01	Pass
		50	0	28.24	-0.27	27.97	<=33.01	Pass
			25	28.25	-0.27	27.98	<=33.01	Pass
			50	28.10	-0.27	27.83	<=33.01	Pass
		100	0	28.19	-0.27	27.92	<=33.01	Pass

	2680	1	0	28.67	-0.27	28.40	<=33.01	Pass
			50	28.88	-0.27	28.61	<=33.01	Pass
			99	28.54	-0.27	28.27	<=33.01	Pass
		50	0	27.89	-0.27	27.62	<=33.01	Pass
			25	27.71	-0.27	27.44	<=33.01	Pass
			50	27.65	-0.27	27.38	<=33.01	Pass
		100	0	27.71	-0.27	27.44	<=33.01	Pass
16QAM	2506	1	0	27.06	-0.27	26.79	<=33.01	Pass
			50	27.44	-0.27	27.17	<=33.01	Pass
			99	27.14	-0.27	26.87	<=33.01	Pass
		50	0	26.70	-0.27	26.43	<=33.01	Pass
			25	26.77	-0.27	26.50	<=33.01	Pass
			50	26.77	-0.27	26.50	<=33.01	Pass
		100	0	26.71	-0.27	26.44	<=33.01	Pass
	2593	1	0	27.72	-0.27	27.45	<=33.01	Pass
			50	28.44	-0.27	28.17	<=33.01	Pass
			99	27.69	-0.27	27.42	<=33.01	Pass
		50	0	27.18	-0.27	26.91	<=33.01	Pass
			25	27.17	-0.27	26.90	<=33.01	Pass
			50	27.01	-0.27	26.74	<=33.01	Pass
		100	0	27.08	-0.27	26.81	<=33.01	Pass
	2680	1	0	27.52	-0.27	27.25	<=33.01	Pass
			50	28.27	-0.27	28.00	<=33.01	Pass
			99	27.86	-0.27	27.59	<=33.01	Pass
		50	0	26.82	-0.27	26.55	<=33.01	Pass
			25	26.78	-0.27	26.51	<=33.01	Pass
			50	26.74	-0.27	26.47	<=33.01	Pass
		100	0	26.65	-0.27	26.38	<=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	-20.385	-0.0082	-2.5 to 2.5	Pass
					3.85	6.480	0.0026	-2.5 to 2.5	Pass
					4.43	9.398	0.0038	-2.5 to 2.5	Pass
				-30	3.85	-10.071	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-3.748	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	2.546	0.0010	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-8.368	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-3.004	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass
				50	3.85	-6.080	-0.0024	-2.5 to 2.5	Pass
				2593	25	0	20	3.27	15.249
	3.85	-2.618	-0.0010					-2.5 to 2.5	Pass
	4.43	1.702	0.0007					-2.5 to 2.5	Pass
	-30	3.85	18.597				0.0072	-2.5 to 2.5	Pass
	-20	3.85	26.307				0.0101	-2.5 to 2.5	Pass
	-10	3.85	36.678				0.0141	-2.5 to 2.5	Pass

				0	3.85	29.440	0.0114	-2.5 to 2.5	Pass
				10	3.85	41.142	0.0159	-2.5 to 2.5	Pass
				30	3.85	38.838	0.0150	-2.5 to 2.5	Pass
				40	3.85	45.919	0.0177	-2.5 to 2.5	Pass
				50	3.85	34.776	0.0134	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	3.376	0.0013	-2.5 to 2.5	Pass
					3.85	3.963	0.0015	-2.5 to 2.5	Pass
					4.43	13.390	0.0050	-2.5 to 2.5	Pass
				-30	3.85	22.745	0.0085	-2.5 to 2.5	Pass
				-20	3.85	25.291	0.0094	-2.5 to 2.5	Pass
				-10	3.85	32.916	0.0122	-2.5 to 2.5	Pass
				0	3.85	38.495	0.0143	-2.5 to 2.5	Pass
				10	3.85	46.148	0.0172	-2.5 to 2.5	Pass
				30	3.85	40.383	0.0150	-2.5 to 2.5	Pass
				40	3.85	51.370	0.0191	-2.5 to 2.5	Pass
				50	3.85	41.628	0.0155	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-12.760	-0.0051	-2.5 to 2.5	Pass
					3.85	-11.201	-0.0045	-2.5 to 2.5	Pass
					4.43	-6.552	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-10.386	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-0.114	0.0000	-2.5 to 2.5	Pass
				0	3.85	-9.985	-0.0040	-2.5 to 2.5	Pass
				10	3.85	-9.770	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-2.031	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-7.725	-0.0031	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	33.317	0.0128	-2.5 to 2.5	Pass
					3.85	40.927	0.0158	-2.5 to 2.5	Pass
					4.43	26.450	0.0102	-2.5 to 2.5	Pass
				-30	3.85	27.237	0.0105	-2.5 to 2.5	Pass
				-20	3.85	33.932	0.0131	-2.5 to 2.5	Pass
				-10	3.85	29.368	0.0113	-2.5 to 2.5	Pass
				0	3.85	37.279	0.0144	-2.5 to 2.5	Pass
				10	3.85	22.573	0.0087	-2.5 to 2.5	Pass
				30	3.85	29.082	0.0112	-2.5 to 2.5	Pass
				40	3.85	25.535	0.0098	-2.5 to 2.5	Pass
				50	3.85	17.409	0.0067	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	39.411	0.0147	-2.5 to 2.5	Pass
					3.85	30.770	0.0114	-2.5 to 2.5	Pass
					4.43	6.781	0.0025	-2.5 to 2.5	Pass
				-30	3.85	-16.108	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	-22.831	-0.0085	-2.5 to 2.5	Pass
				-10	3.85	-43.559	-0.0162	-2.5 to 2.5	Pass
				0	3.85	-35.491	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-39.983	-0.0149	-2.5 to 2.5	Pass
				30	3.85	-60.697	-0.0226	-2.5 to 2.5	Pass
				40	3.85	-34.332	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-1.130	-0.0004	-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	-5.279	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.030	-0.0004	-2.5 to 2.5	Pass

					4.43	4.134	0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.114	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-7.625	-0.0030	-2.5 to 2.5	Pass
				-10	3.85	-9.642	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-1.588	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.618	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-9.570	-0.0038	-2.5 to 2.5	Pass
				40	3.85	11.072	0.0044	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0017	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-15.135	-0.0058	-2.5 to 2.5	Pass
					3.85	-2.446	-0.0009	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.801	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-11.315	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-16.994	-0.0066	-2.5 to 2.5	Pass
				0	3.85	-11.930	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-14.362	-0.0055	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.148	-0.0016	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-12.360	-0.0046	-2.5 to 2.5	Pass
					3.85	-3.204	-0.0012	-2.5 to 2.5	Pass
					4.43	-7.882	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-8.297	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-6.080	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-6.051	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-5.708	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.609	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-3.448	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0015	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-7.639	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.108	-0.0024	-2.5 to 2.5	Pass
					4.43	-11.802	-0.0047	-2.5 to 2.5	Pass
				-30	3.85	-3.161	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-10.328	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-10.443	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-6.795	-0.0027	-2.5 to 2.5	Pass
				40	3.85	0.544	0.0002	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0021	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-5.665	-0.0022	-2.5 to 2.5	Pass
					3.85	-21.057	-0.0081	-2.5 to 2.5	Pass
					4.43	-10.214	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-8.111	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-6.094	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.163	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-7.911	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-15.435	-0.0060	-2.5 to 2.5	Pass
				40	3.85	-16.766	-0.0065	-2.5 to 2.5	Pass
				50	3.85	-13.976	-0.0054	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-20.299	-0.0076	-2.5 to 2.5	Pass
					3.85	-2.661	-0.0010	-2.5 to 2.5	Pass
					4.43	-6.409	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-11.415	-0.0043	-2.5 to 2.5	Pass
				-10	3.85	-9.699	-0.0036	-2.5 to 2.5	Pass

				0	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-13.118	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-7.982	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-4.692	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-12.846	-0.0048	-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	-9.441	-0.0038	-2.5 to 2.5	Pass
					3.85	0.944	0.0004	-2.5 to 2.5	Pass
					4.43	-3.090	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-7.839	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-8.726	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-8.926	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-14.248	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-11.315	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-11.830	-0.0047	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-12.875	-0.0050	-2.5 to 2.5	Pass
					3.85	-0.472	-0.0002	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-10.772	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-7.968	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-19.183	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-10.943	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-13.018	-0.0050	-2.5 to 2.5	Pass
				30	3.85	3.233	0.0012	-2.5 to 2.5	Pass
				40	3.85	-6.065	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-4.420	-0.0017	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-15.779	-0.0059	-2.5 to 2.5	Pass
					3.85	-8.254	-0.0031	-2.5 to 2.5	Pass
					4.43	-4.034	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.054	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-4.377	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-9.384	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-2.046	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-9.356	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-15.907	-0.0059	-2.5 to 2.5	Pass
				40	3.85	-8.011	-0.0030	-2.5 to 2.5	Pass
				50	3.85	-13.347	-0.0050	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-5.908	-0.0024	-2.5 to 2.5	Pass
					3.85	-13.003	-0.0052	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-2.217	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-9.584	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-9.270	-0.0037	-2.5 to 2.5	Pass
				0	3.85	-13.833	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-13.547	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-11.601	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-11.716	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-9.856	-0.0039	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-12.259	-0.0047	-2.5 to 2.5	Pass
					3.85	-5.221	-0.0020	-2.5 to 2.5	Pass

					4.43	-9.742	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-11.072	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-12.932	-0.0050	-2.5 to 2.5	Pass
				-10	3.85	-6.881	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-7.467	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-1.516	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-8.998	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-14.191	-0.0055	-2.5 to 2.5	Pass
				50	3.85	-11.816	-0.0046	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-12.932	-0.0048	-2.5 to 2.5	Pass
					3.85	-10.014	-0.0037	-2.5 to 2.5	Pass
					4.43	-10.257	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.351	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-11.315	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-5.894	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-15.507	-0.0058	-2.5 to 2.5	Pass
				10	3.85	-10.185	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-6.208	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-10.843	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-11.659	-0.0043	-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	-2.632	-0.0011	-2.5 to 2.5	Pass
					3.85	-4.005	-0.0016	-2.5 to 2.5	Pass
					4.43	-3.333	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-6.666	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-10.443	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.004	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-9.398	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-6.752	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-8.197	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-9.499	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-14.291	-0.0055	-2.5 to 2.5	Pass
					3.85	-6.723	-0.0026	-2.5 to 2.5	Pass
					4.43	-7.296	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0026	-2.5 to 2.5	Pass
				-20	3.85	-10.271	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-10.600	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-9.899	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-13.261	-0.0051	-2.5 to 2.5	Pass
				30	3.85	-13.003	-0.0050	-2.5 to 2.5	Pass
				40	3.85	-15.478	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-12.088	-0.0047	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-12.274	-0.0046	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0031	-2.5 to 2.5	Pass
					4.43	-7.896	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-3.562	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-9.155	-0.0034	-2.5 to 2.5	Pass
				0	3.85	-4.764	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-10.829	-0.0040	-2.5 to 2.5	Pass
				30	3.85	-3.719	-0.0014	-2.5 to 2.5	Pass

16QAM				40	3.85	-12.231	-0.0046	-2.5 to 2.5	Pass
				50	3.85	-11.830	-0.0044	-2.5 to 2.5	Pass
	2506	100	0	20	3.27	-6.866	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.865	-0.0023	-2.5 to 2.5	Pass
					4.43	-3.076	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-11.187	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0025	-2.5 to 2.5	Pass
				-10	3.85	-12.803	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-14.763	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-11.559	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-5.121	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-7.553	-0.0030	-2.5 to 2.5	Pass
	50	3.85	-3.505	-0.0014	-2.5 to 2.5	Pass			
	2593	100	0	20	3.27	-4.106	-0.0016	-2.5 to 2.5	Pass
					3.85	-9.899	-0.0038	-2.5 to 2.5	Pass
					4.43	-5.207	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-9.856	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-14.033	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-7.281	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-9.813	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-8.454	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-9.713	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-10.843	-0.0042	-2.5 to 2.5	Pass
	50	3.85	-14.963	-0.0058	-2.5 to 2.5	Pass			
	2680	100	0	20	3.27	-8.011	-0.0030	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0018	-2.5 to 2.5	Pass
					4.43	-9.212	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-7.710	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-0.401	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-6.051	-0.0023	-2.5 to 2.5	Pass
				0	3.85	-8.025	-0.0030	-2.5 to 2.5	Pass
				10	3.85	0.973	0.0004	-2.5 to 2.5	Pass
				30	3.85	-8.755	-0.0033	-2.5 to 2.5	Pass
				40	3.85	1.988	0.0007	-2.5 to 2.5	Pass
	50	3.85	-9.542	-0.0036	-2.5 to 2.5	Pass			

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	50	0	Refer To Test Graph		Pass

3.1.3 B41_15MHz

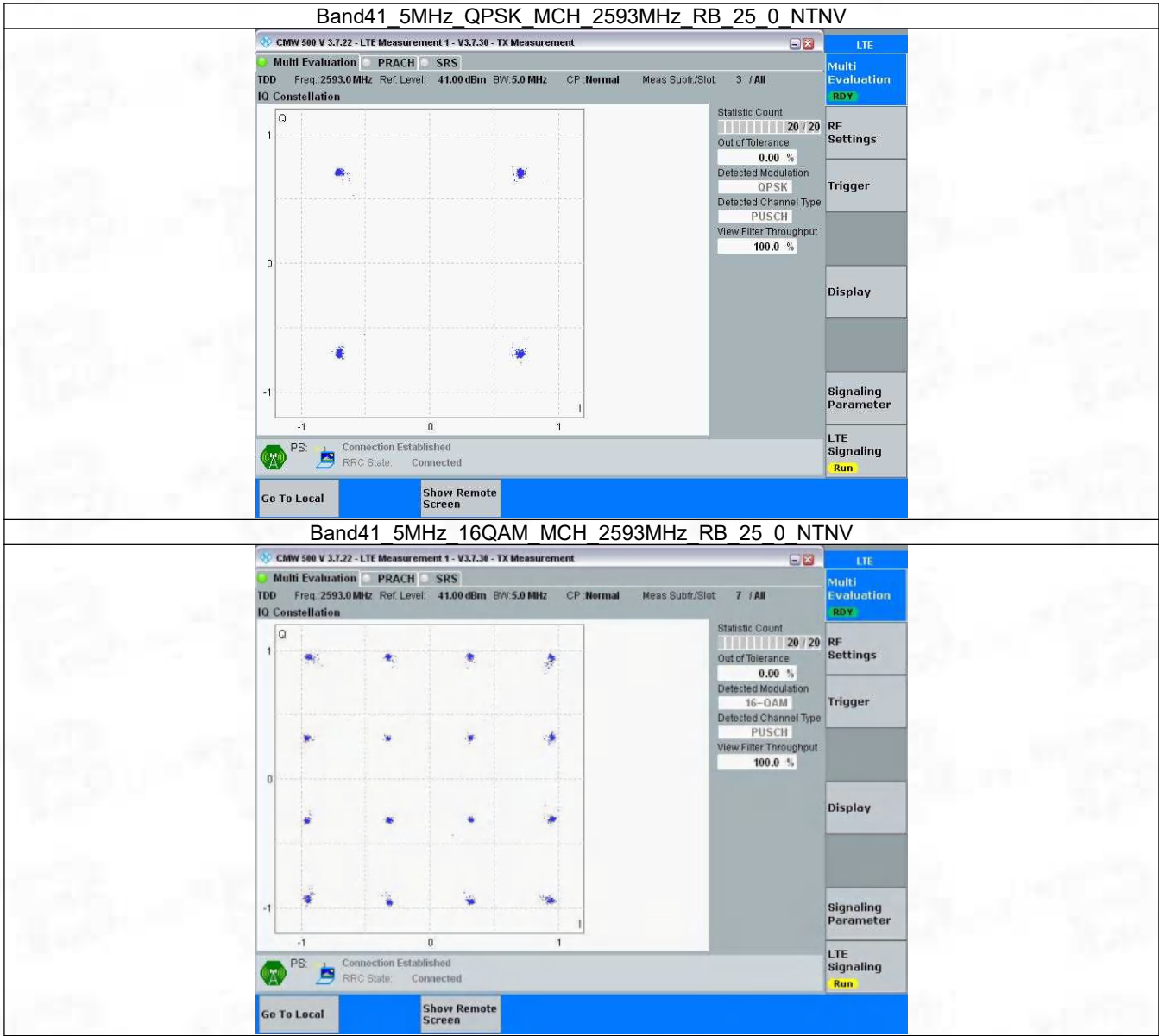
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

3.1.4 B41_20MHz

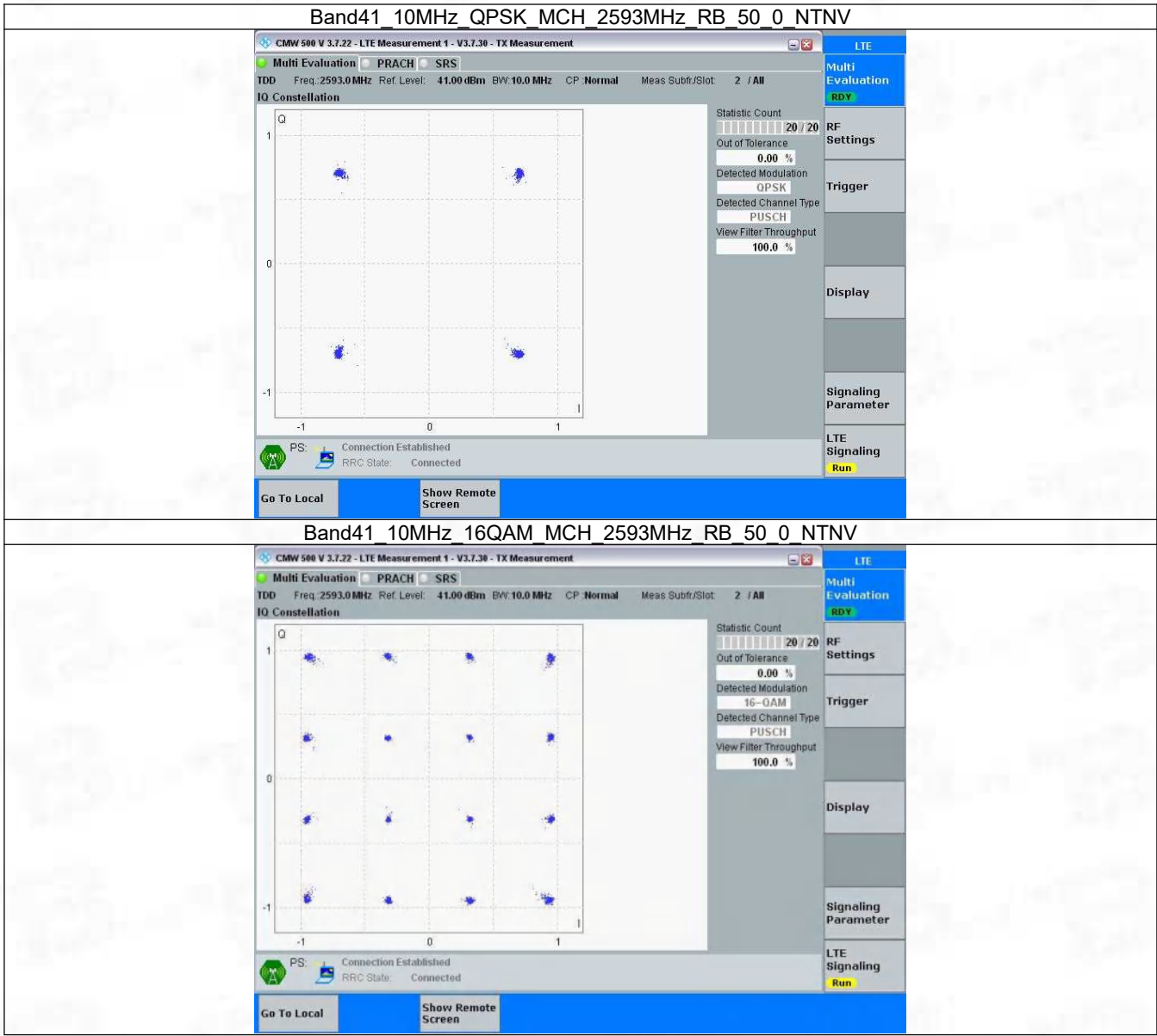
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass

3.2 Test Graph

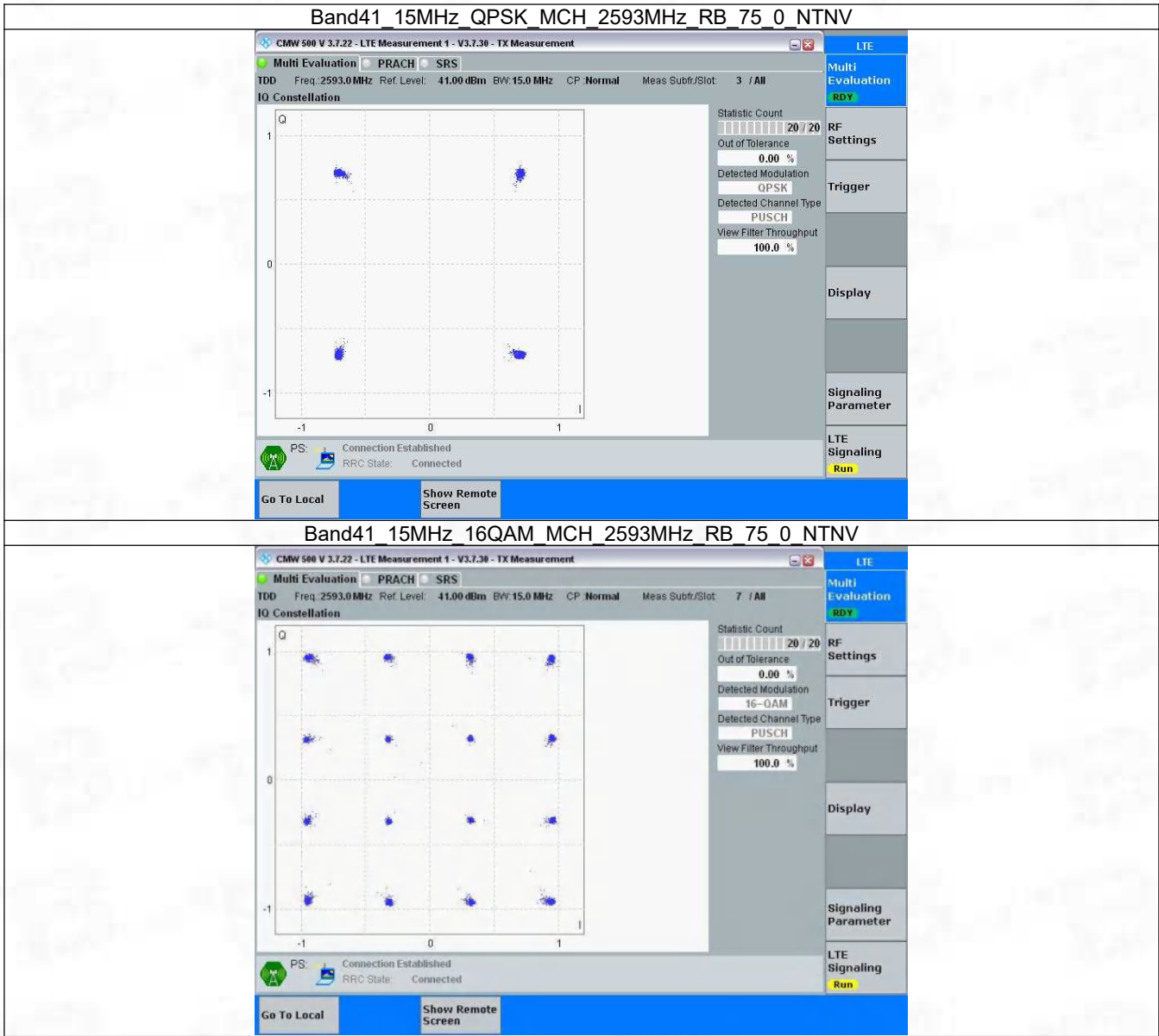
3.2.1 B41_5MHz



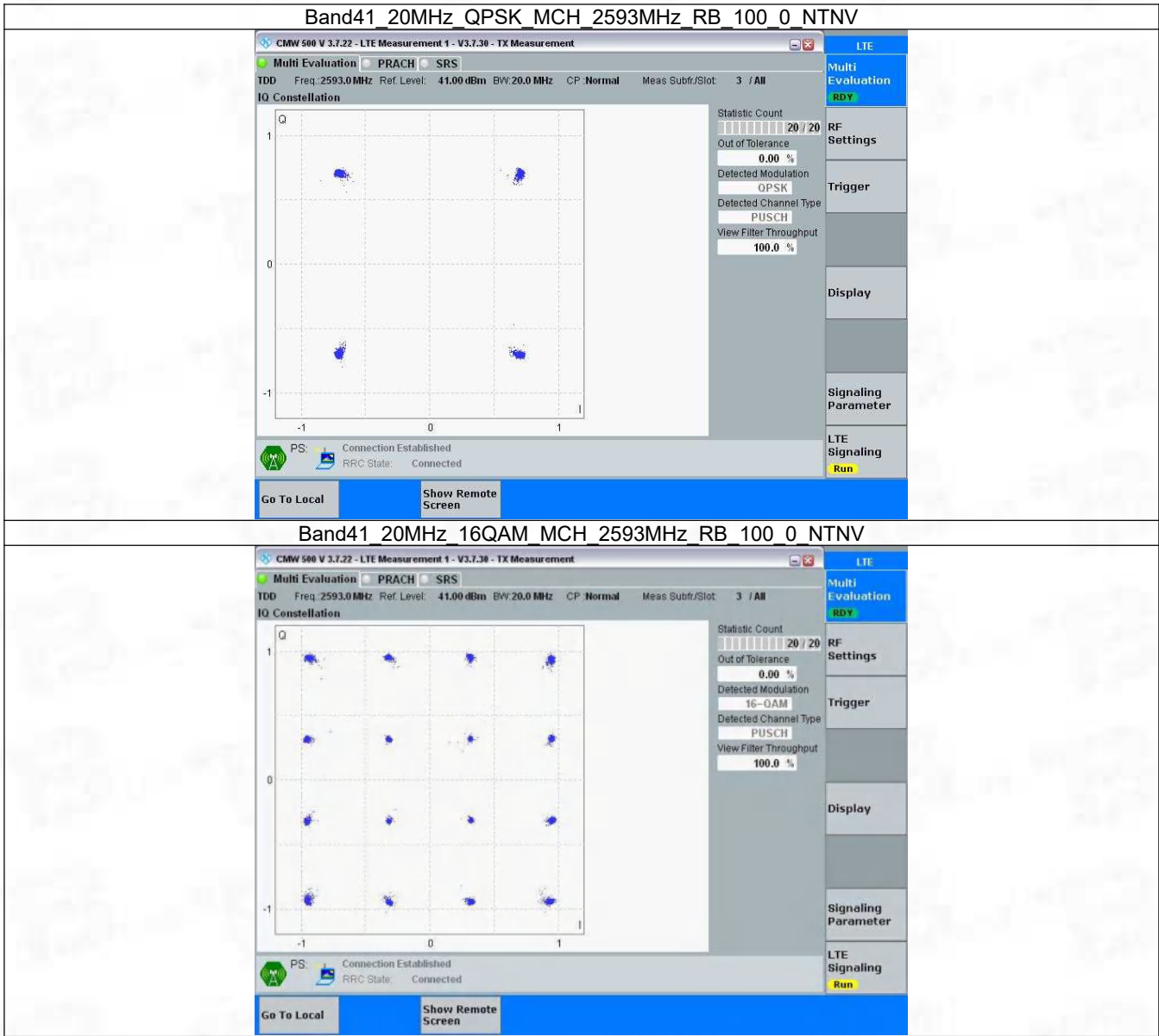
3.2.2 B41_10MHz



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	4.540	/	Pass
		2593	25	0	4.544	/	Pass
		2687.5	25	0	4.548	/	Pass
	16QAM	2498.5	25	0	4.538	/	Pass
		2593	25	0	4.531	/	Pass
		2687.5	25	0	4.557	/	Pass
10	QPSK	2501	50	0	9.056	/	Pass
		2593	50	0	9.049	/	Pass
		2685	50	0	9.064	/	Pass
	16QAM	2501	50	0	9.058	/	Pass
		2593	50	0	9.049	/	Pass
		2685	50	0	9.045	/	Pass
15	QPSK	2503.5	75	0	13.550	/	Pass
		2593	75	0	13.569	/	Pass
		2682.5	75	0	13.604	/	Pass
	16QAM	2503.5	75	0	13.624	/	Pass
		2593	75	0	13.607	/	Pass
		2682.5	75	0	13.553	/	Pass
20	QPSK	2506	100	0	18.111	/	Pass
		2593	100	0	18.096	/	Pass
		2680	100	0	18.178	/	Pass
	16QAM	2506	100	0	18.167	/	Pass
		2593	100	0	18.127	/	Pass
		2680	100	0	18.084	/	Pass

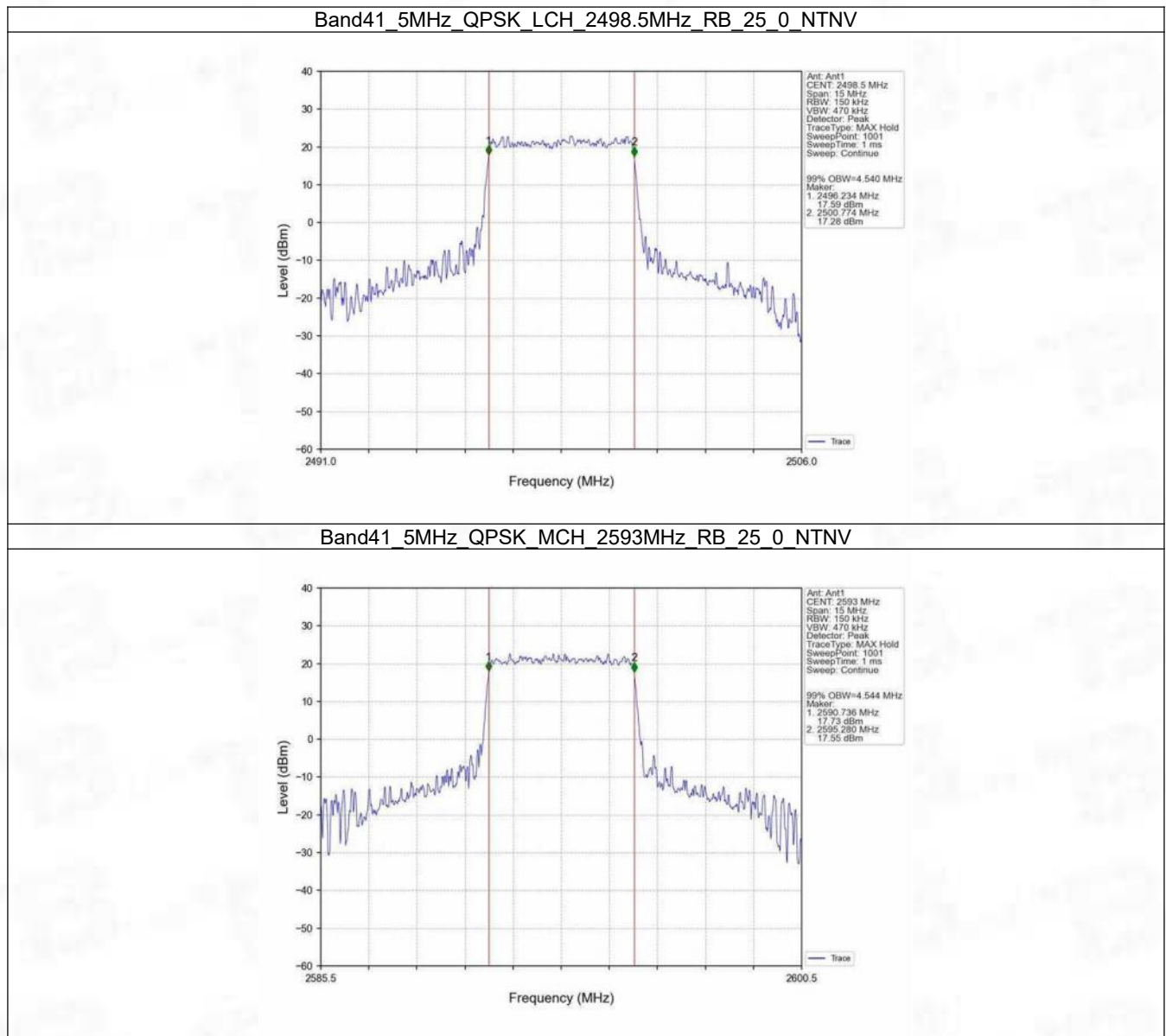
4.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.169	/	Pass
		2593	25	0	5.159	/	Pass
		2687.5	25	0	5.181	/	Pass
	16QAM	2498.5	25	0	5.136	/	Pass
		2593	25	0	5.053	/	Pass
		2687.5	25	0	5.615	/	Pass
10	QPSK	2501	50	0	10.149	/	Pass
		2593	50	0	10.221	/	Pass
		2685	50	0	10.088	/	Pass
	16QAM	2501	50	0	11.059	/	Pass
		2593	50	0	10.122	/	Pass
		2685	50	0	10.014	/	Pass
15	QPSK	2503.5	75	0	14.901	/	Pass
		2593	75	0	16.339	/	Pass
		2682.5	75	0	15.188	/	Pass

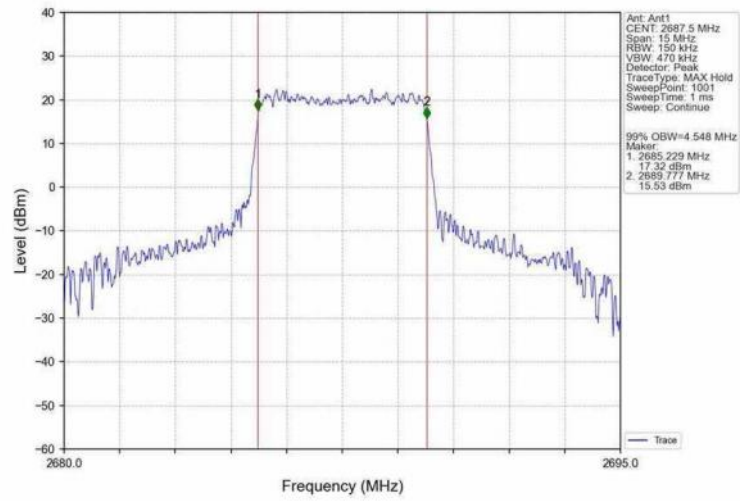
20	16QAM	2503.5	75	0	15.665	/	Pass
		2593	75	0	15.925	/	Pass
		2682.5	75	0	16.092	/	Pass
	QPSK	2506	100	0	21.622	/	Pass
		2593	100	0	20.485	/	Pass
		2680	100	0	20.592	/	Pass
	16QAM	2506	100	0	20.141	/	Pass
		2593	100	0	21.964	/	Pass
		2680	100	0	20.260	/	Pass

4.2 Test Graph

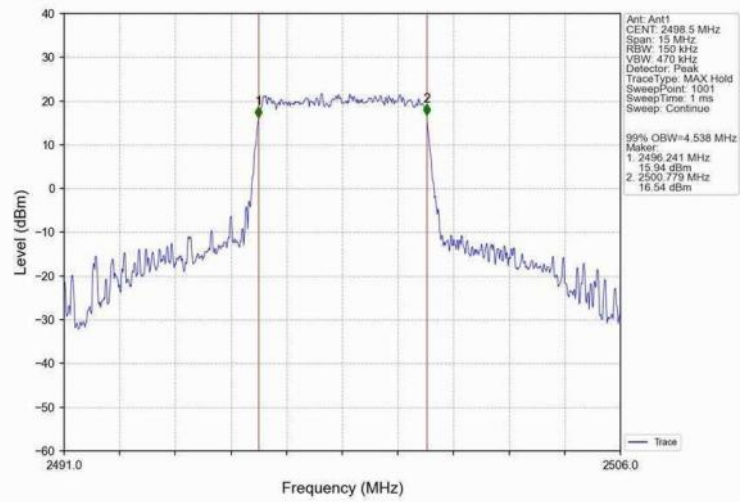
4.2.1 Band41_OBW



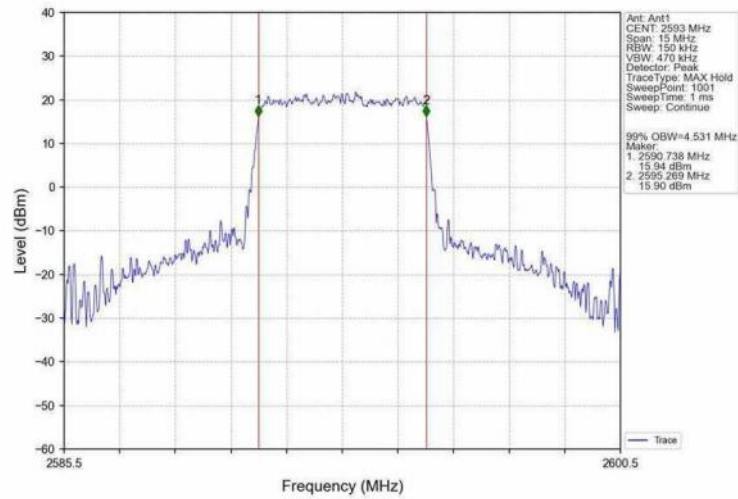
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



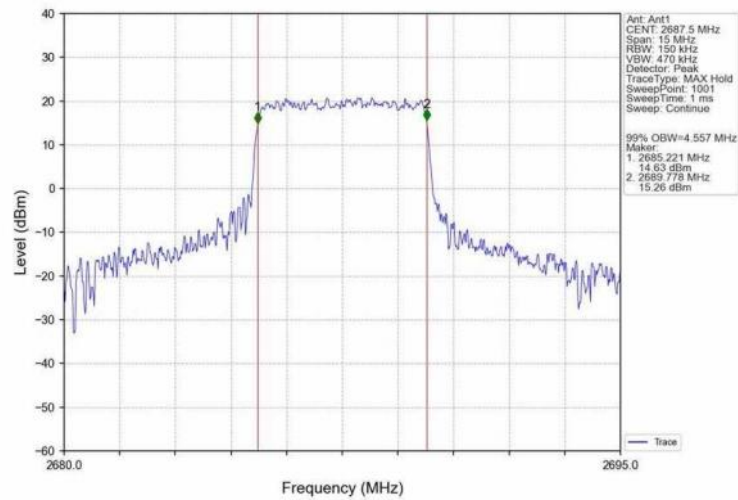
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



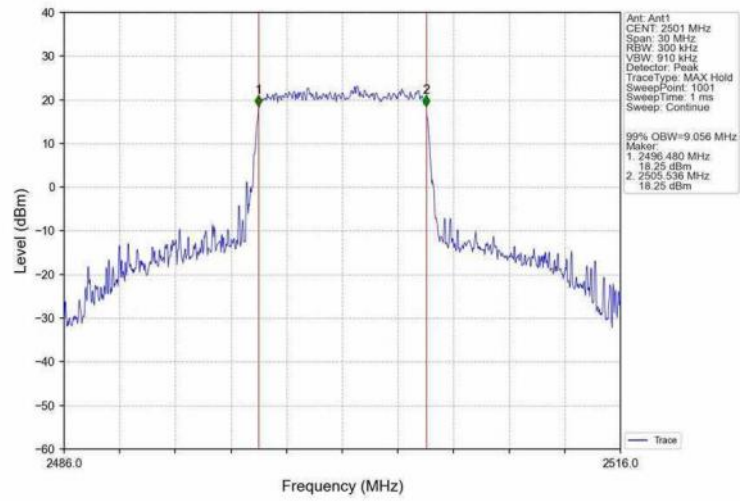
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



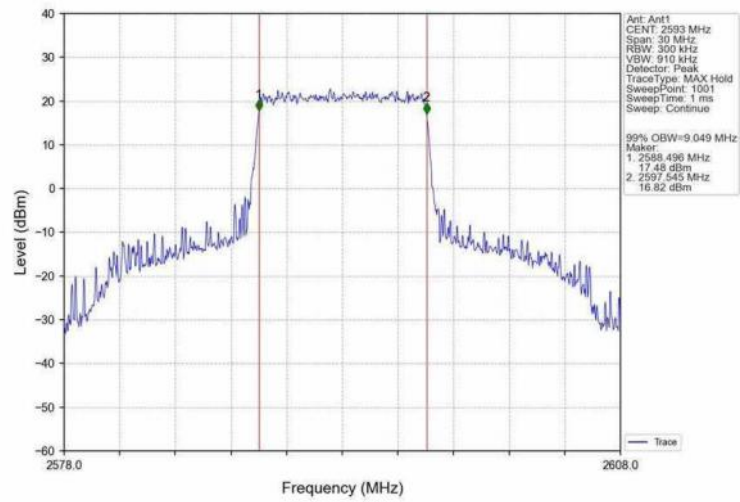
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



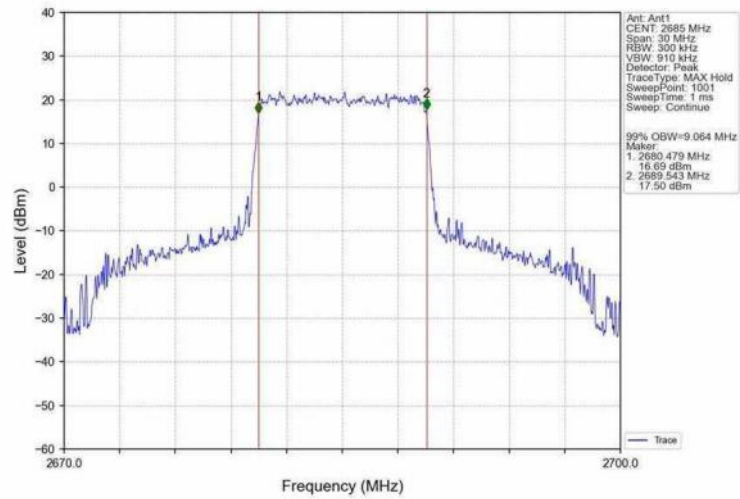
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



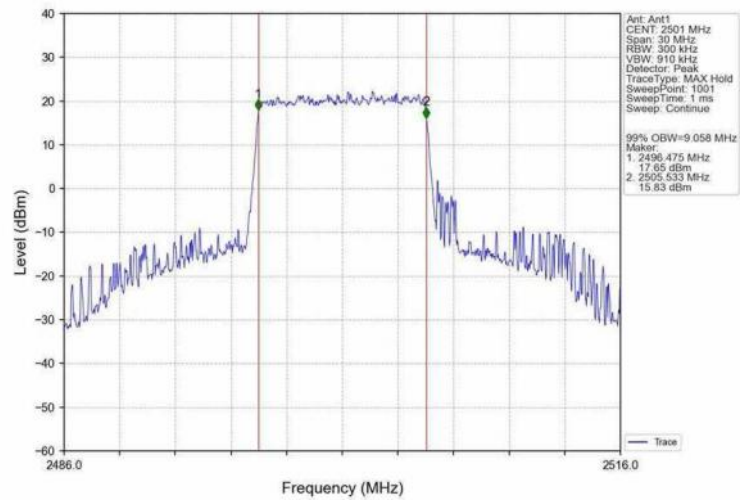
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



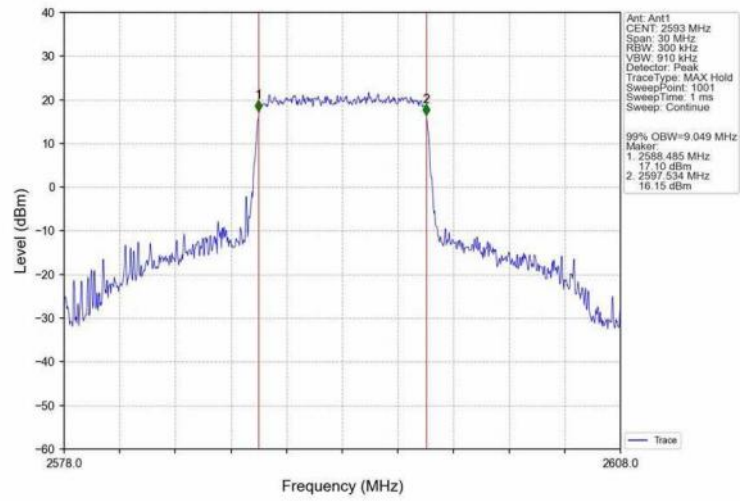
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



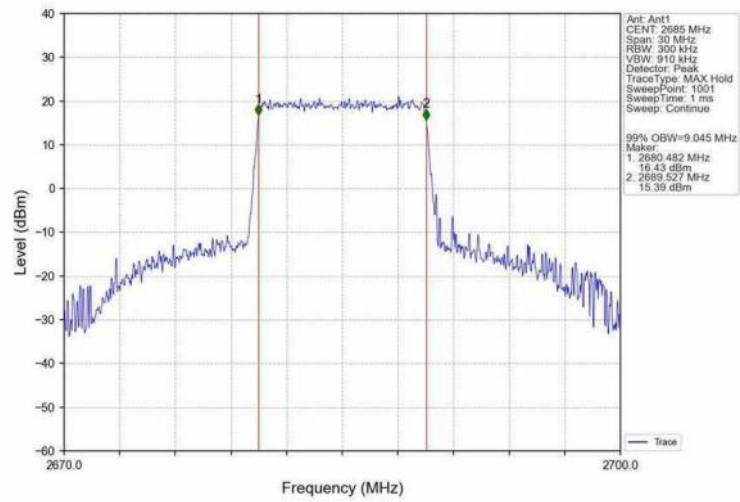
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



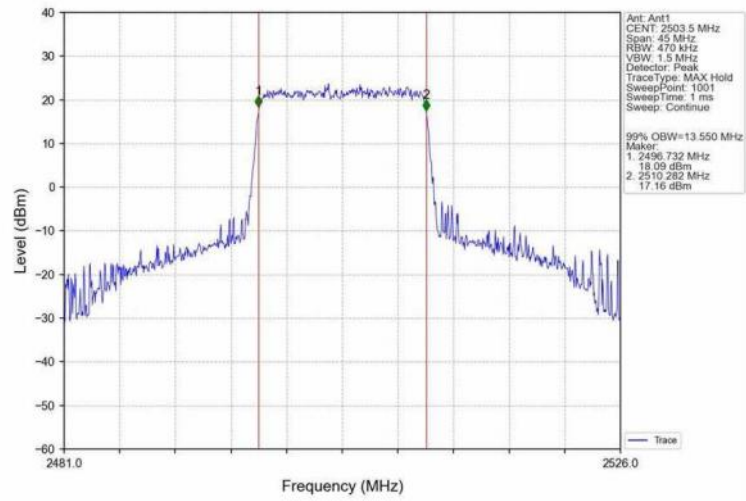
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



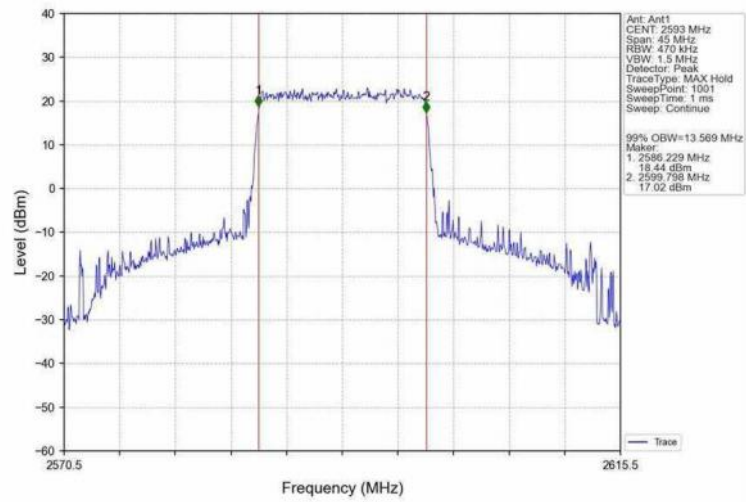
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



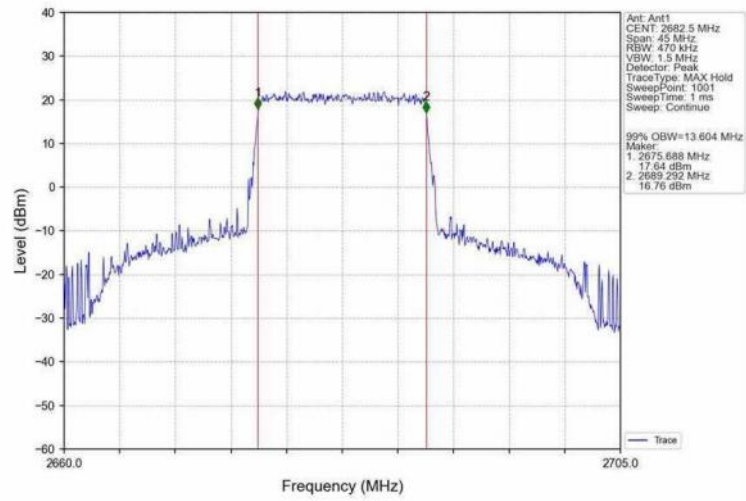
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



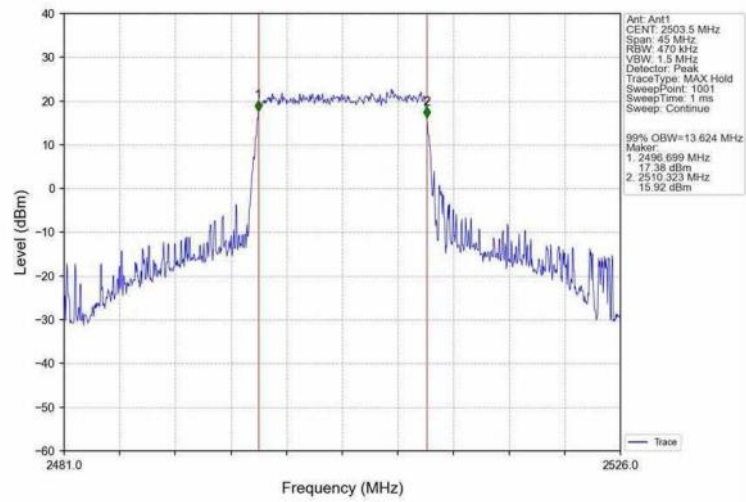
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



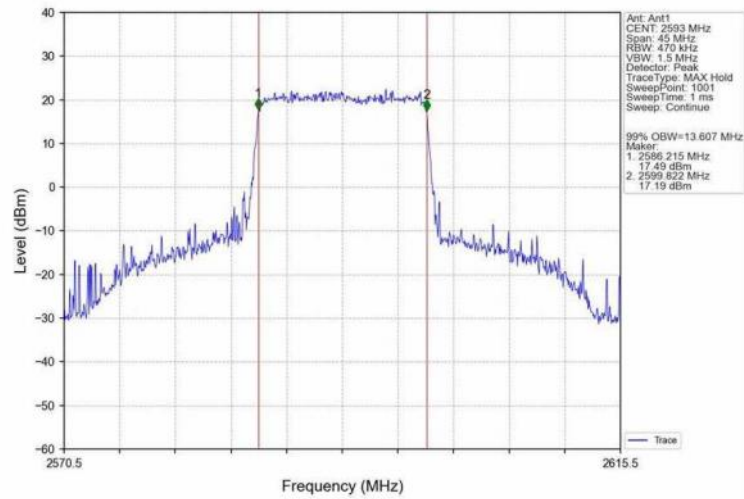
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



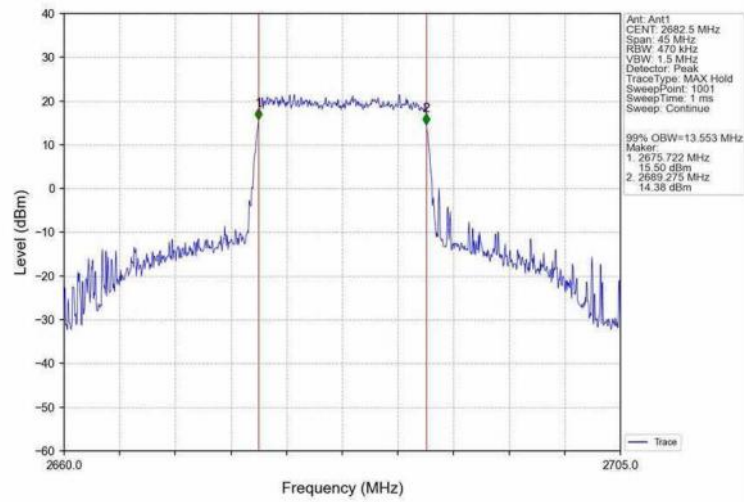
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



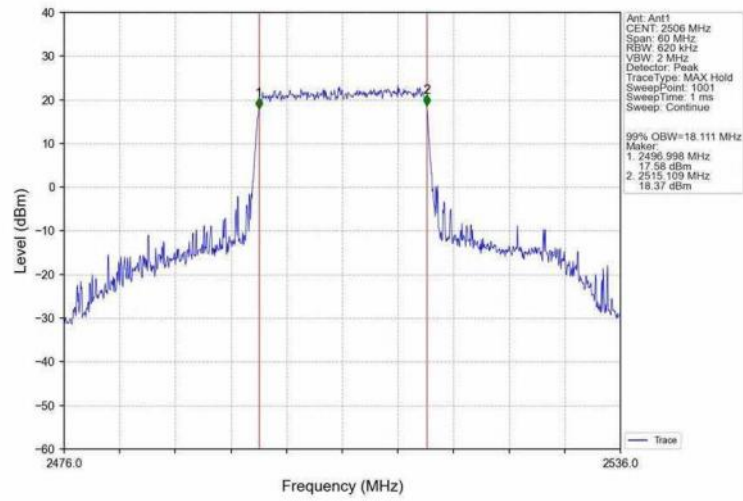
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



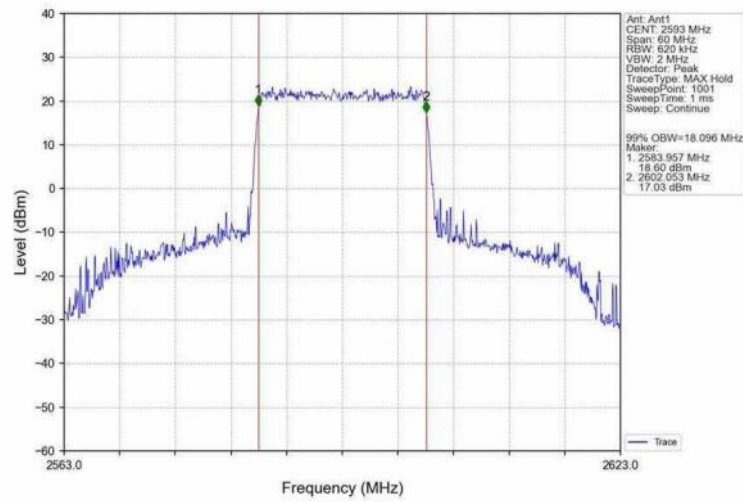
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



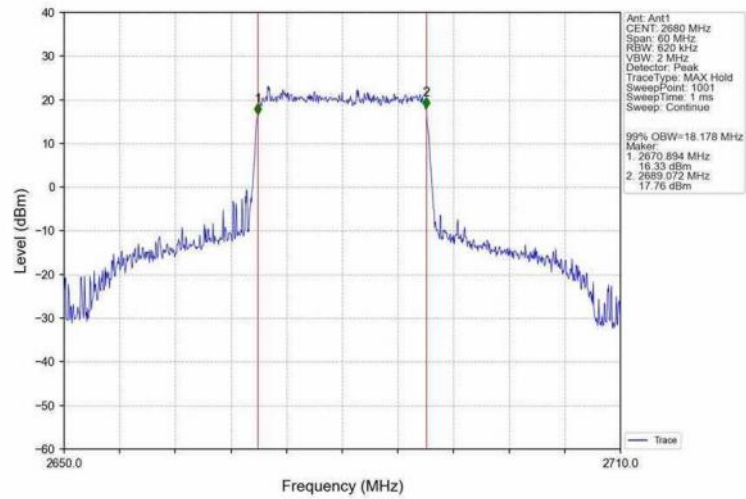
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



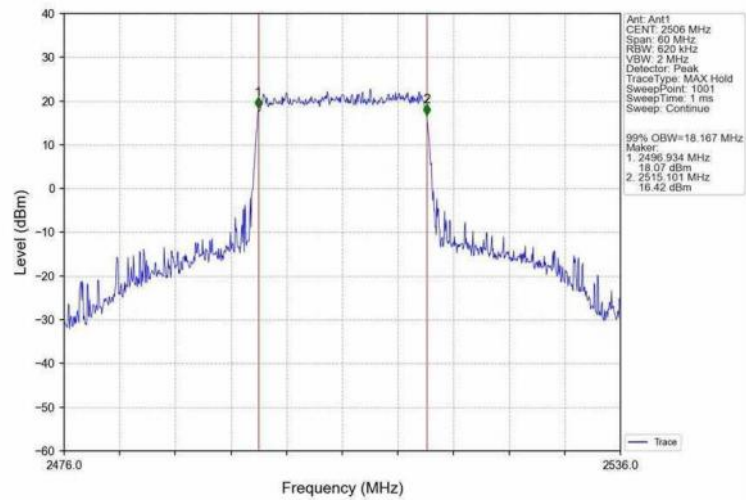
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



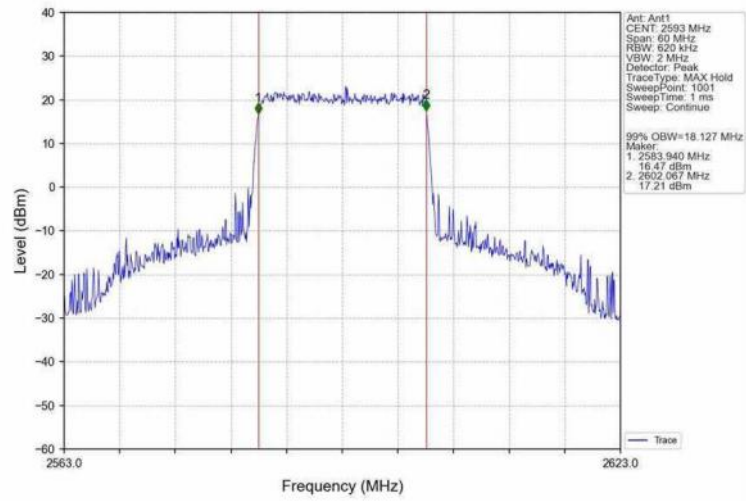
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



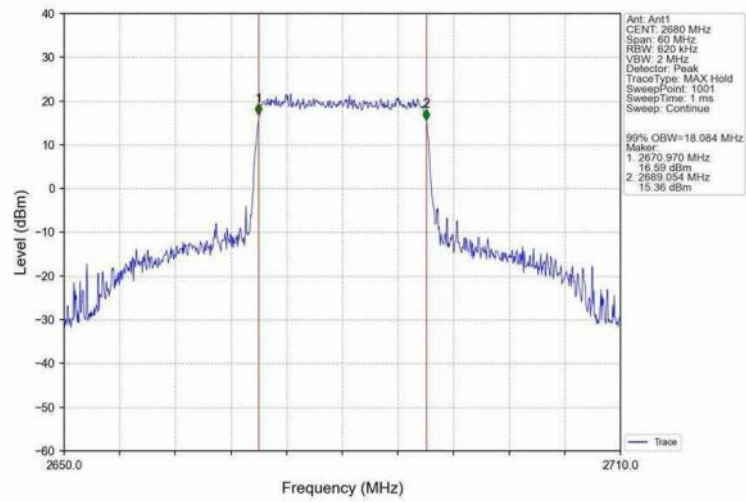
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

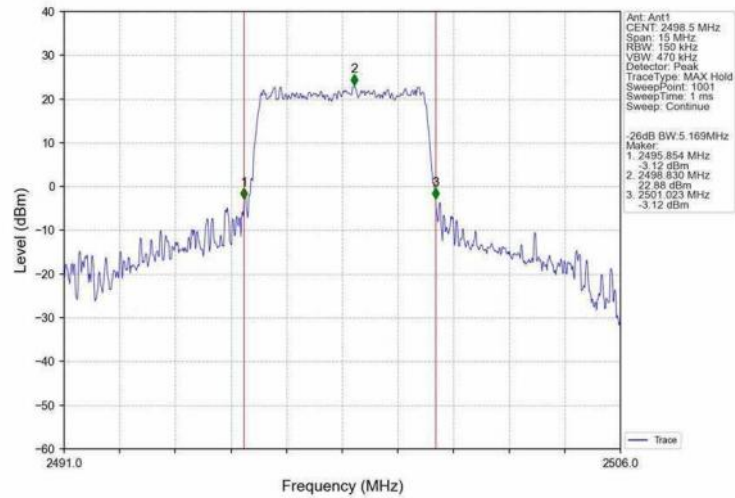


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

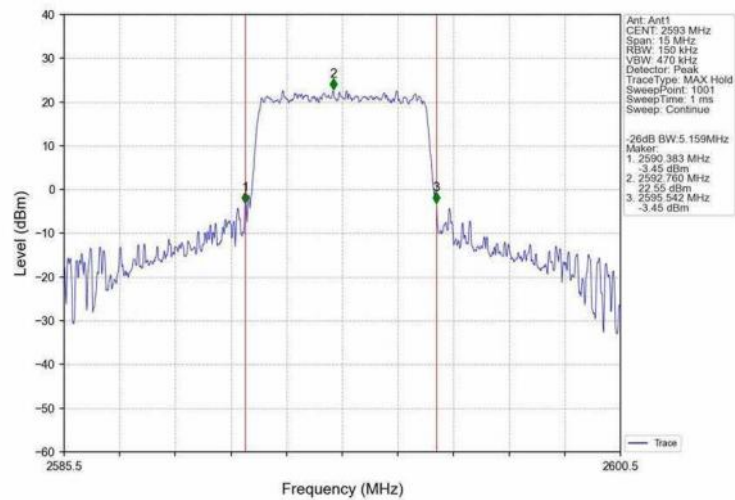


4.2.2 Band41_XDB

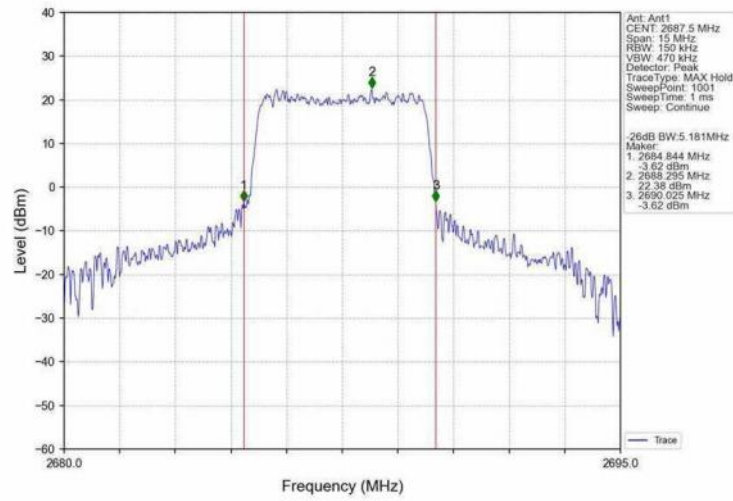
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



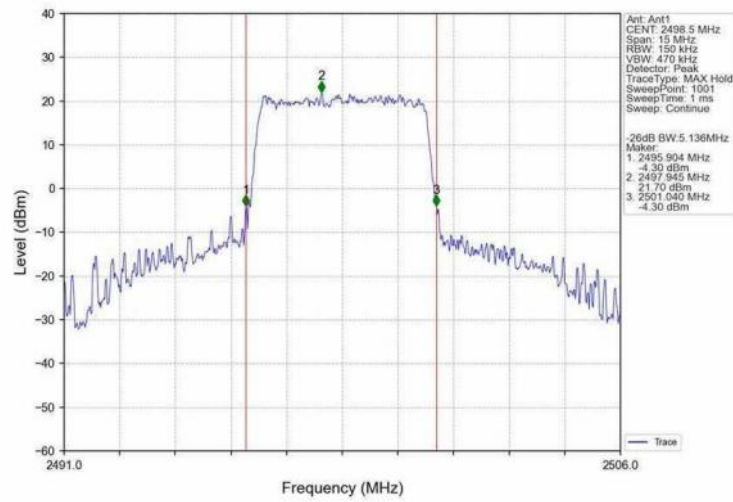
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



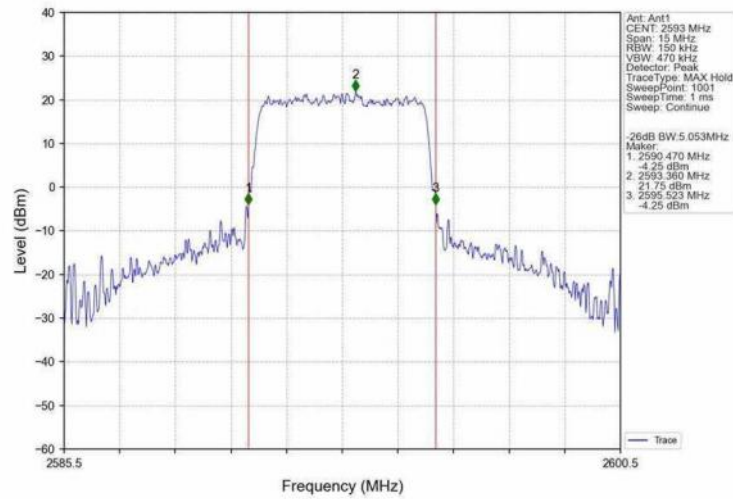
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



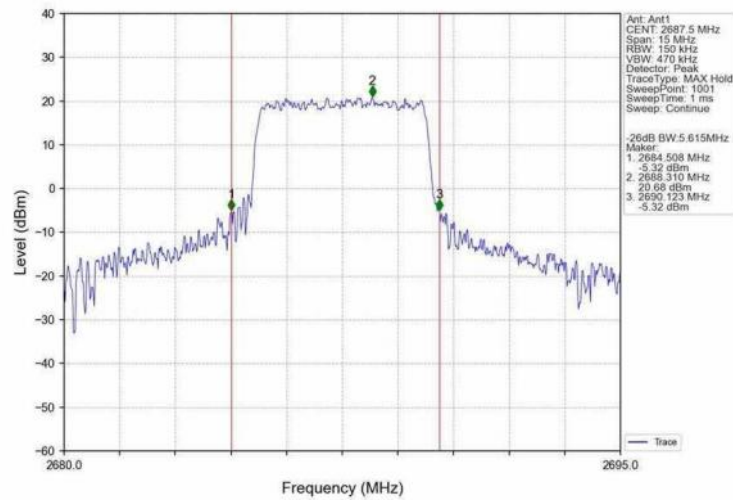
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



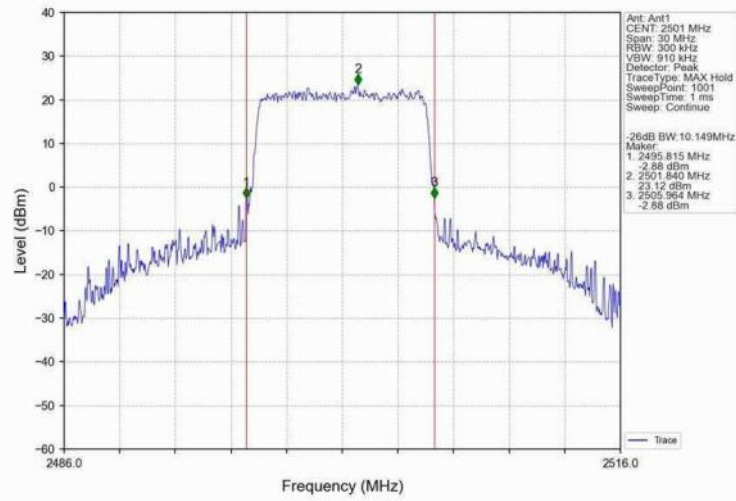
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



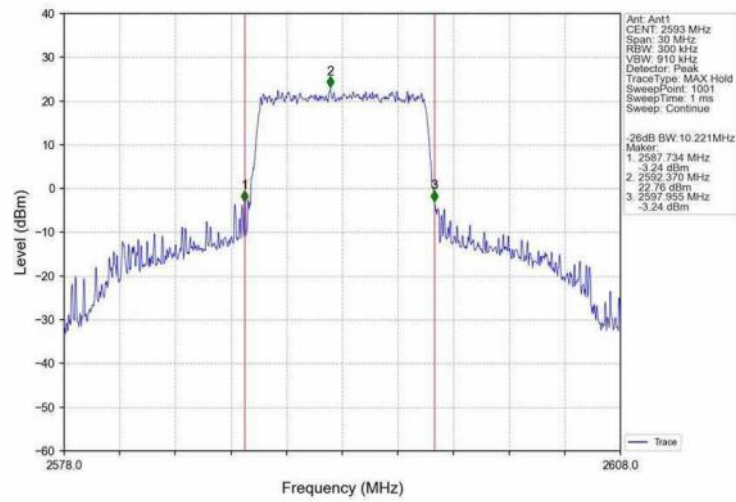
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



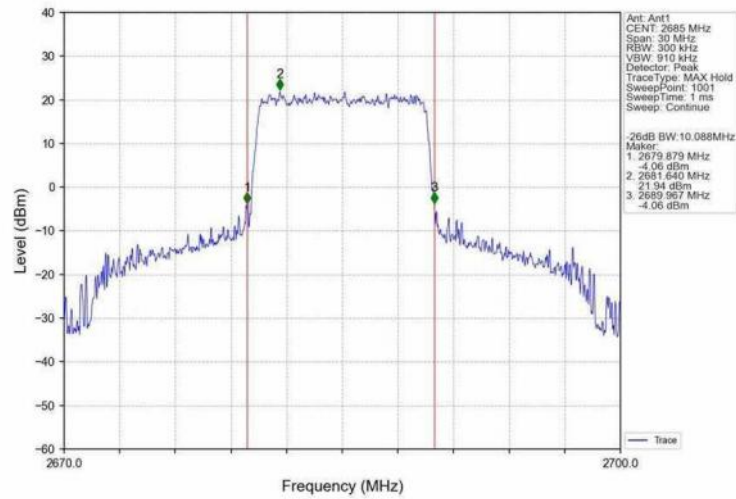
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



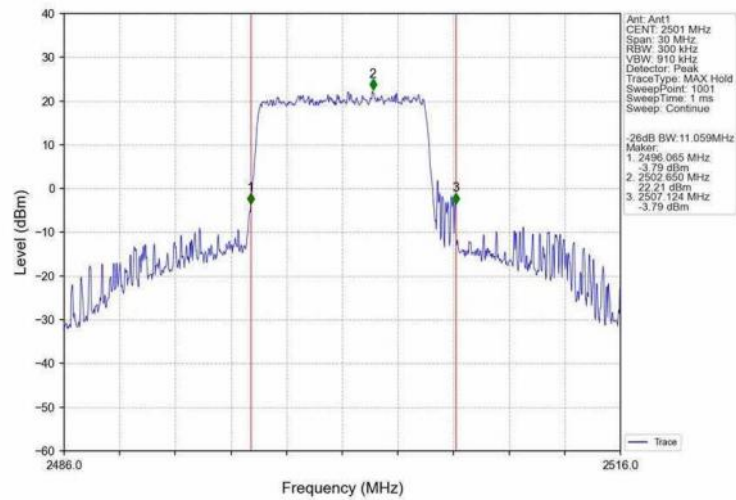
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



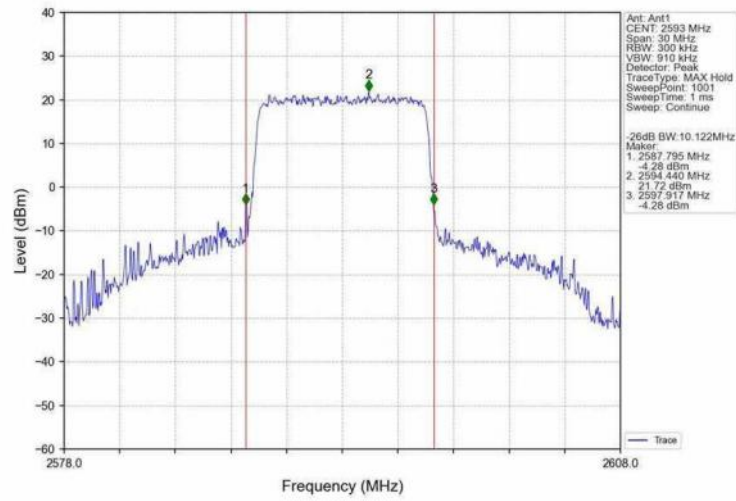
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



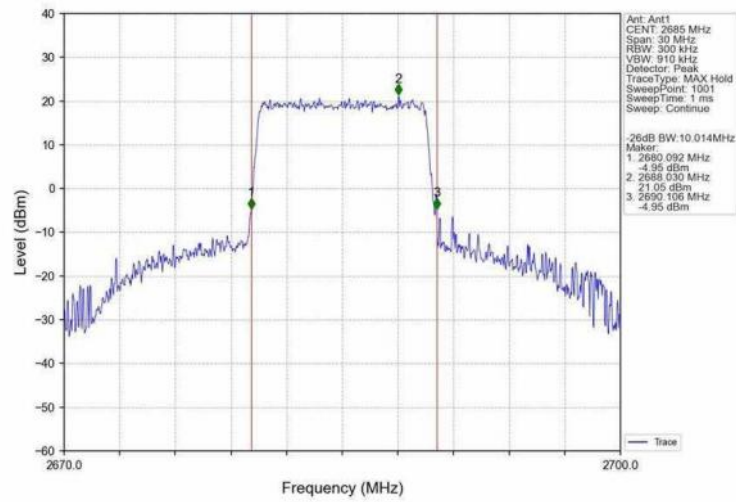
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



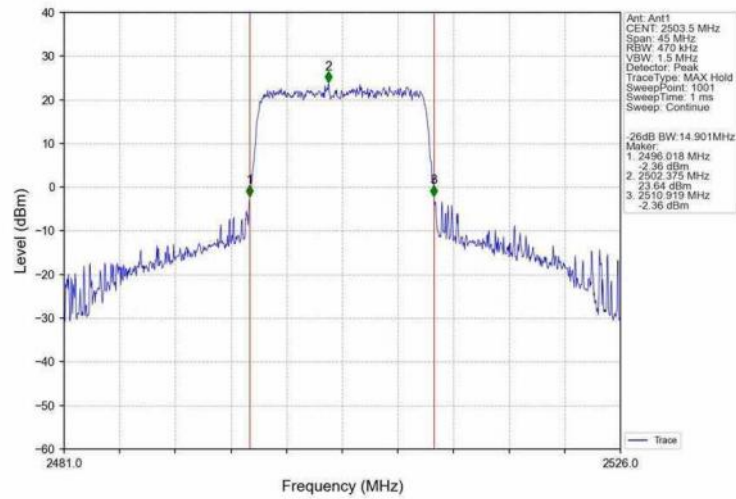
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



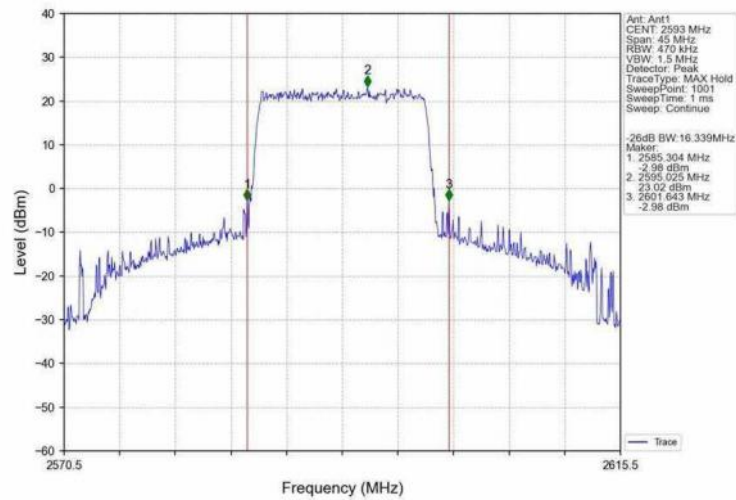
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



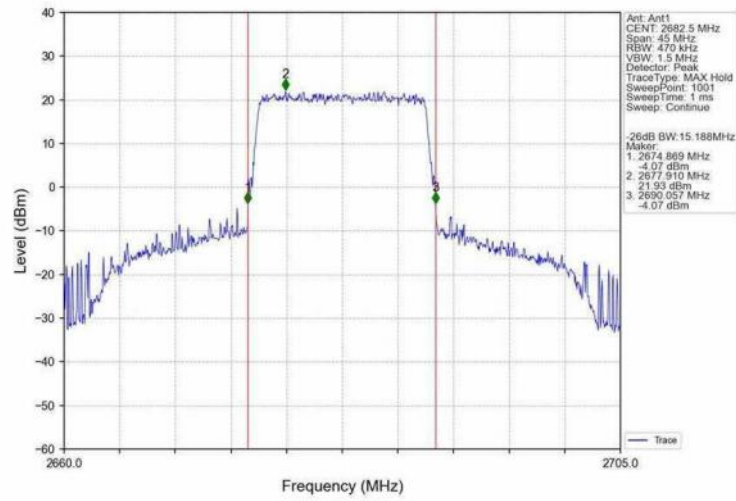
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



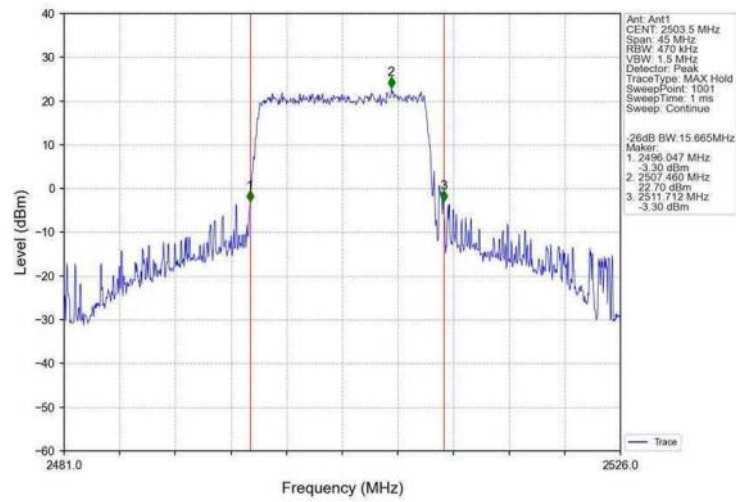
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



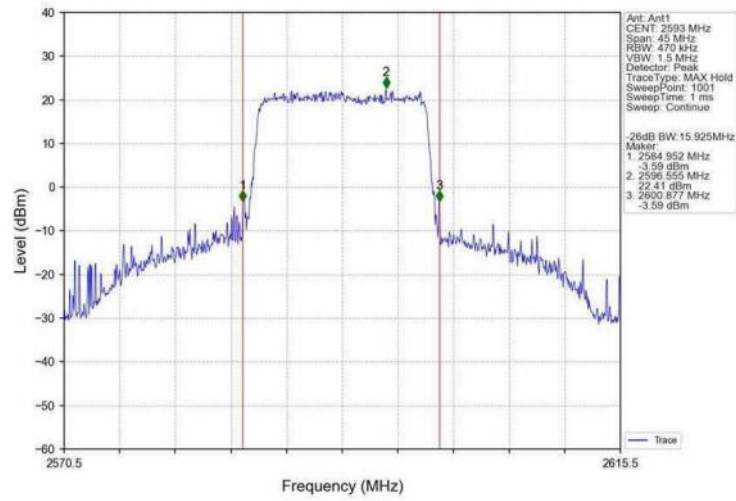
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



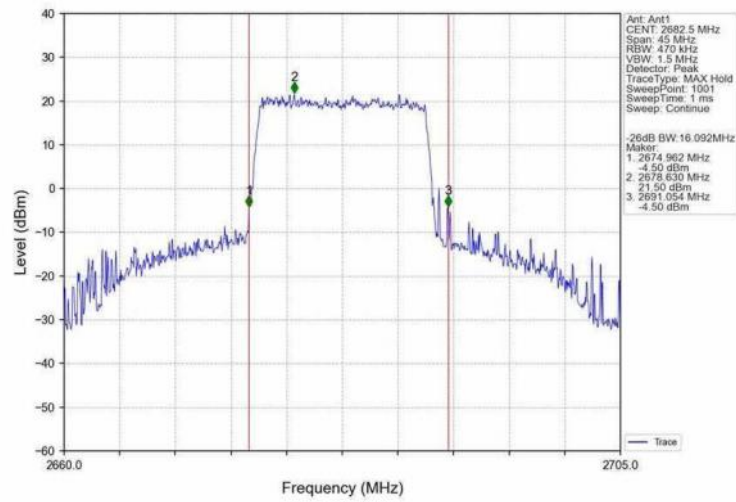
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



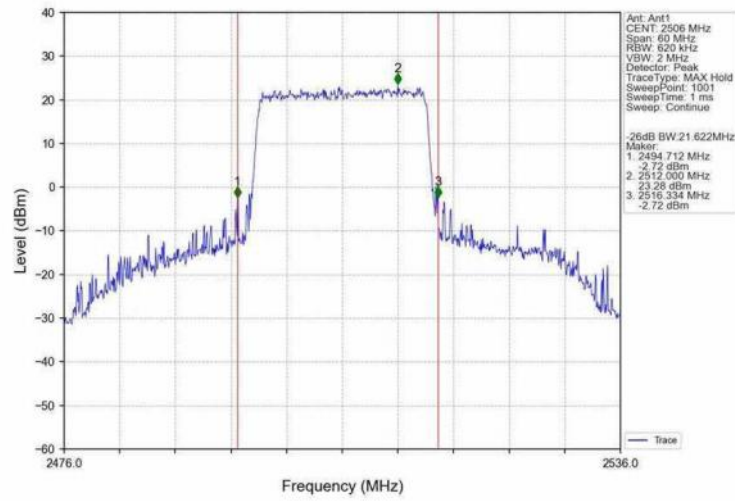
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



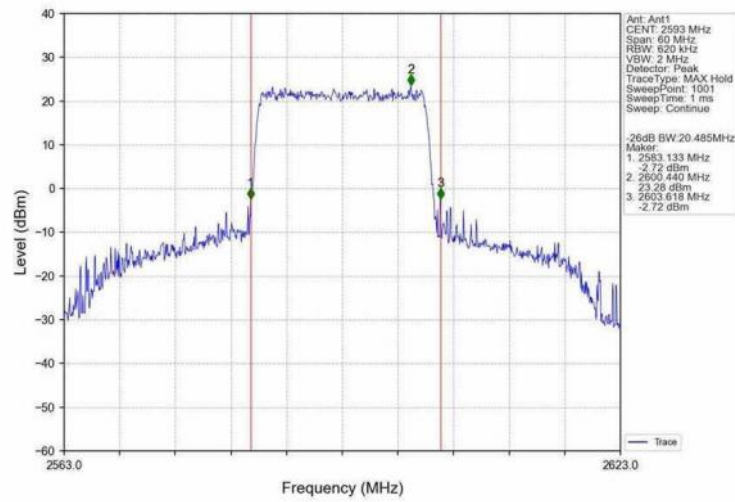
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



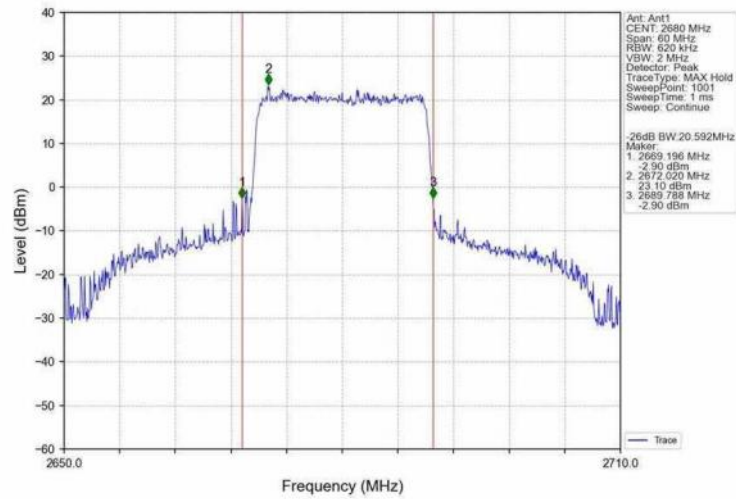
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



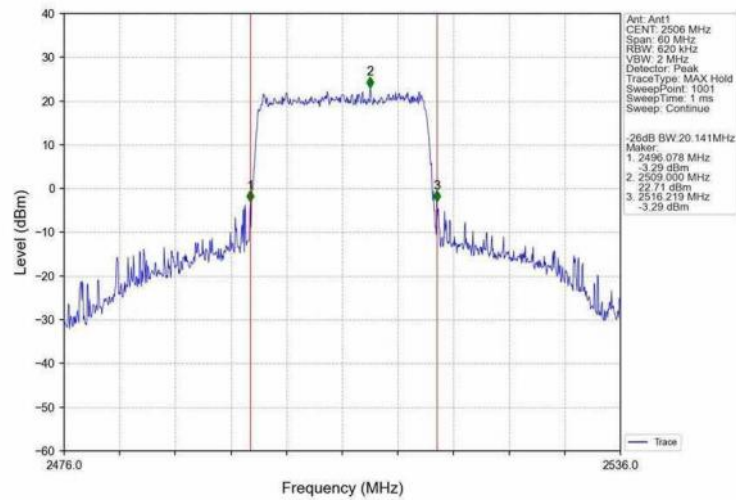
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



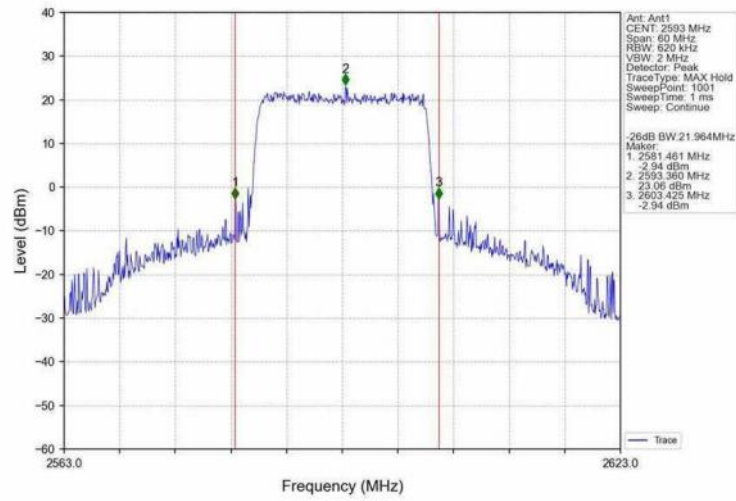
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



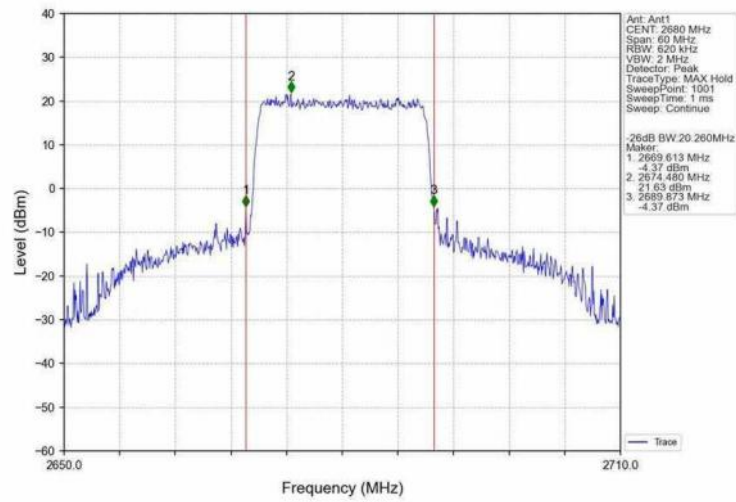
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_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	7.23	<=13	Pass
	2593	25	0	7.13	<=13	Pass
	2687.5	25	0	7.04	<=13	Pass
16QAM	2498.5	25	0	7.87	<=13	Pass
	2593	25	0	7.75	<=13	Pass
	2687.5	25	0	8.05	<=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	7.24	<=13	Pass
	2593	50	0	7.12	<=13	Pass
	2685	50	0	7.13	<=13	Pass
16QAM	2501	50	0	7.88	<=13	Pass
	2593	50	0	7.83	<=13	Pass
	2685	50	0	7.77	<=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	6.71	<=13	Pass
	2593	75	0	6.90	<=13	Pass
	2682.5	75	0	7.26	<=13	Pass
16QAM	2503.5	75	0	7.94	<=13	Pass
	2593	75	0	8.02	<=13	Pass
	2682.5	75	0	7.78	<=13	Pass

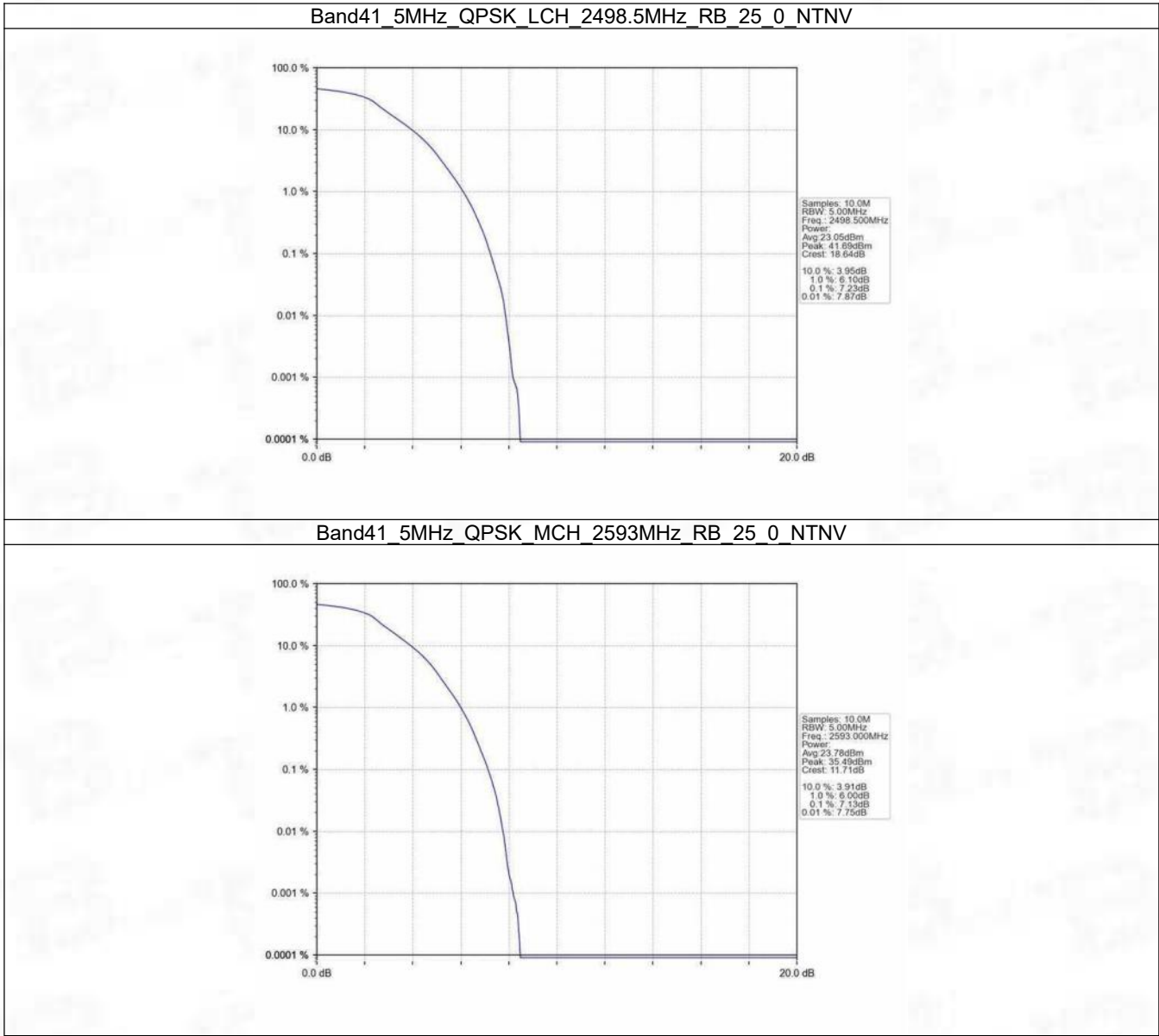
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.89	<=13	Pass
	2593	100	0	7.84	<=13	Pass
	2680	100	0	7.68	<=13	Pass
16QAM	2506	100	0	8.50	<=13	Pass
	2593	100	0	8.65	<=13	Pass

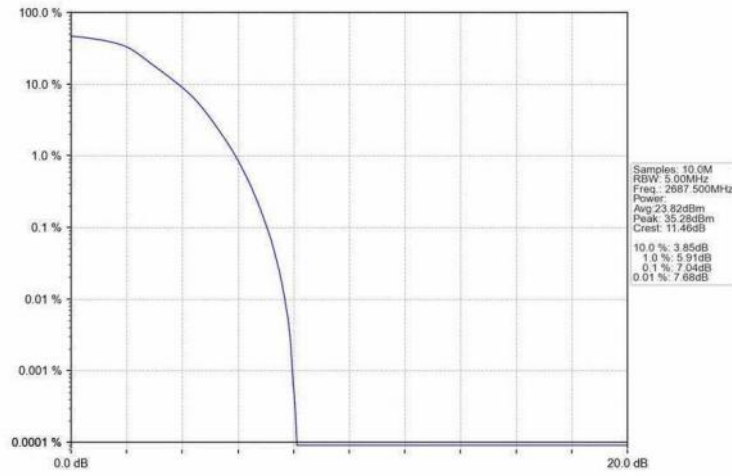
	2680	100	0	8.29	<=13	Pass
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5.2 Test Graph

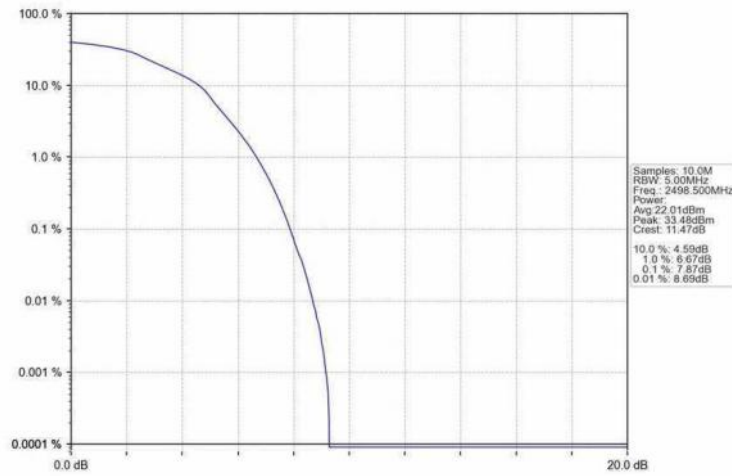
5.2.1 B41_5MHz



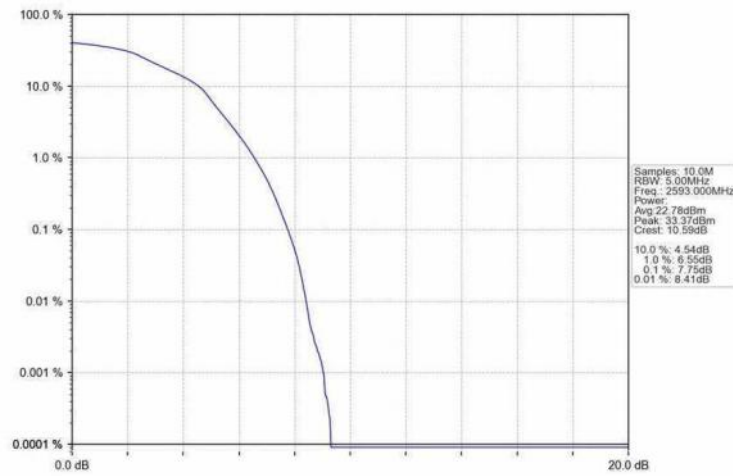
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



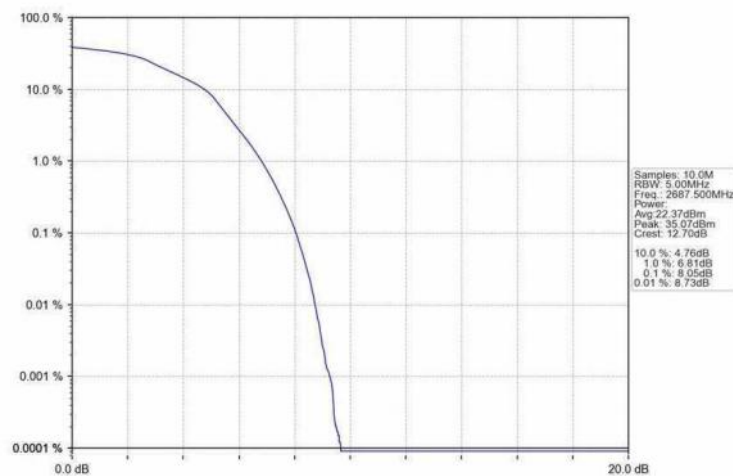
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



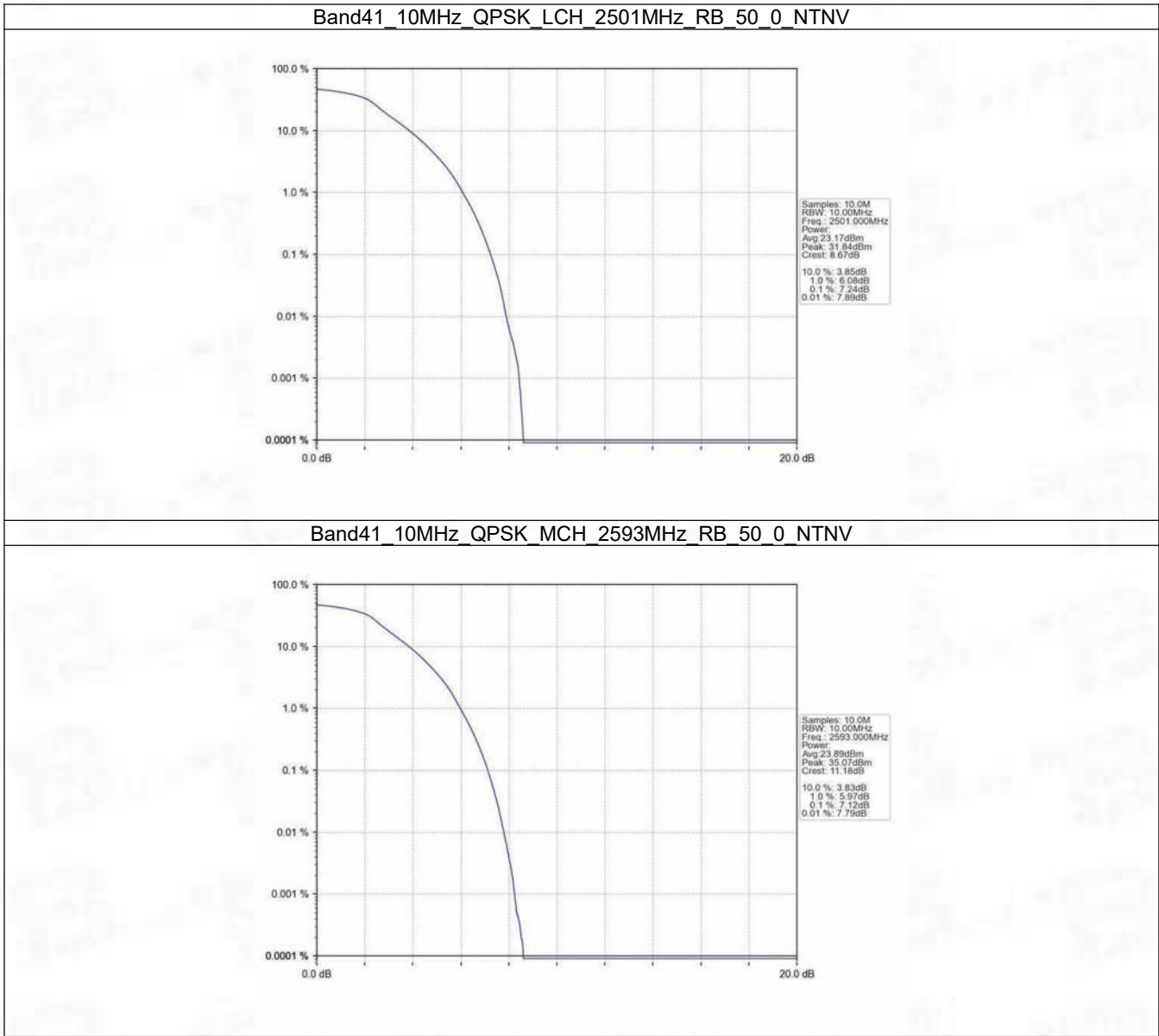
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



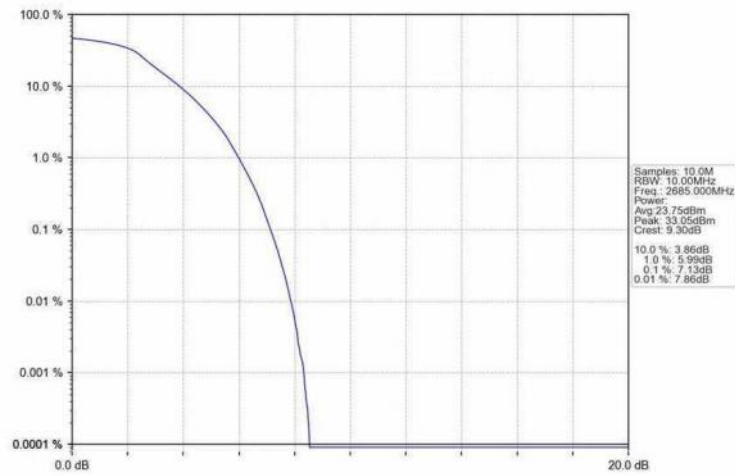
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



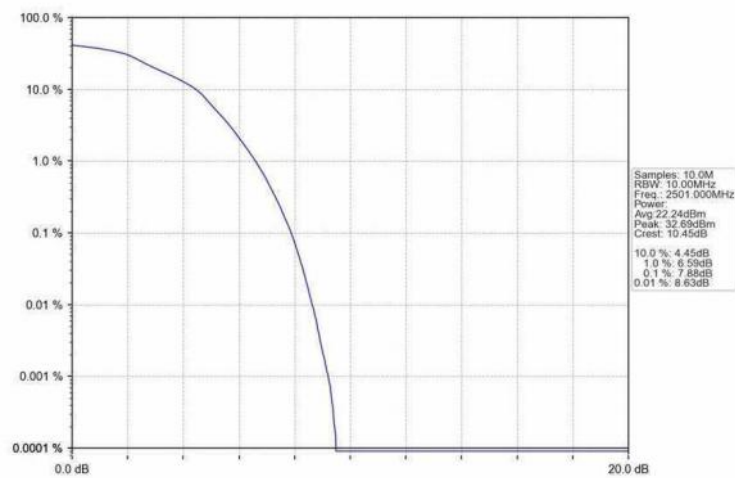
5.2.2 B41_10MHz



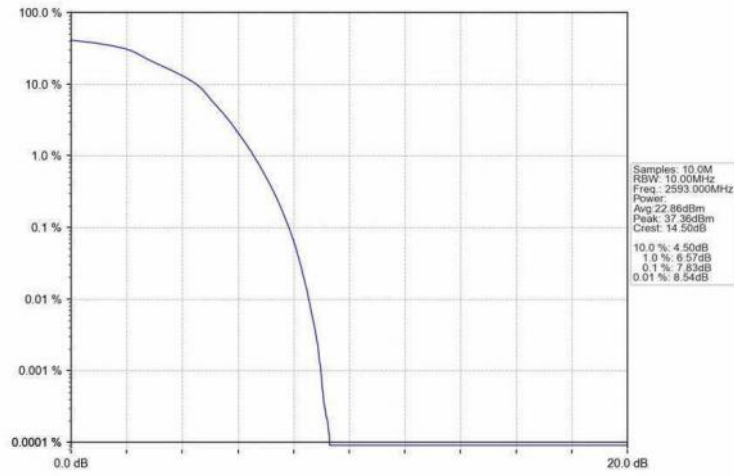
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



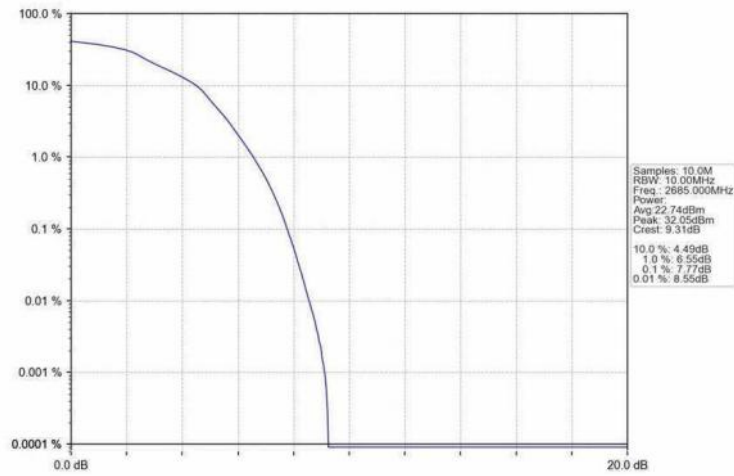
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



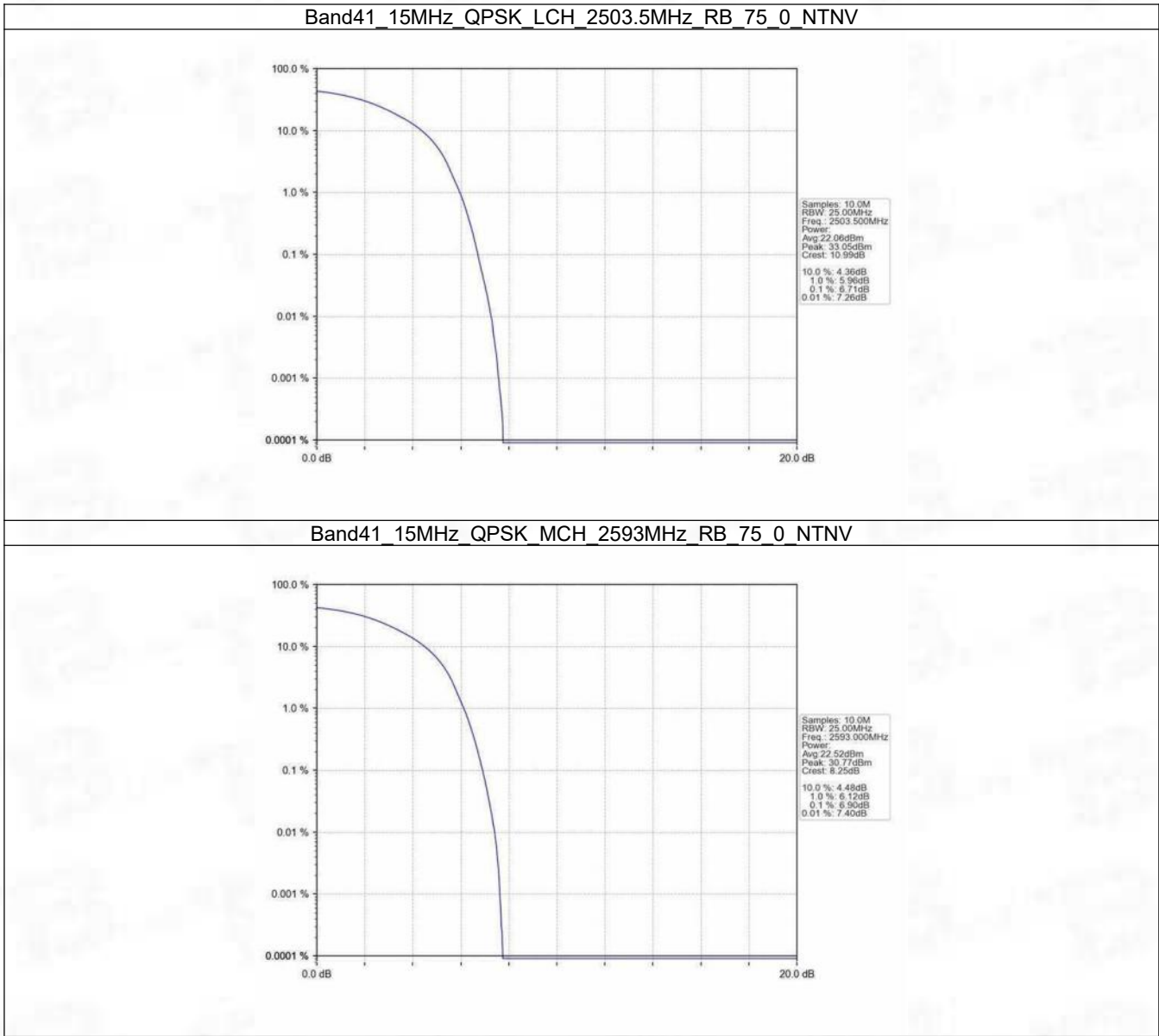
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



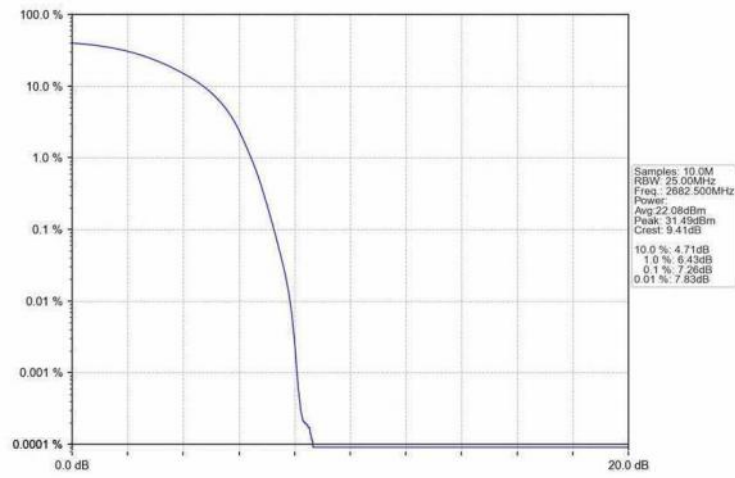
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



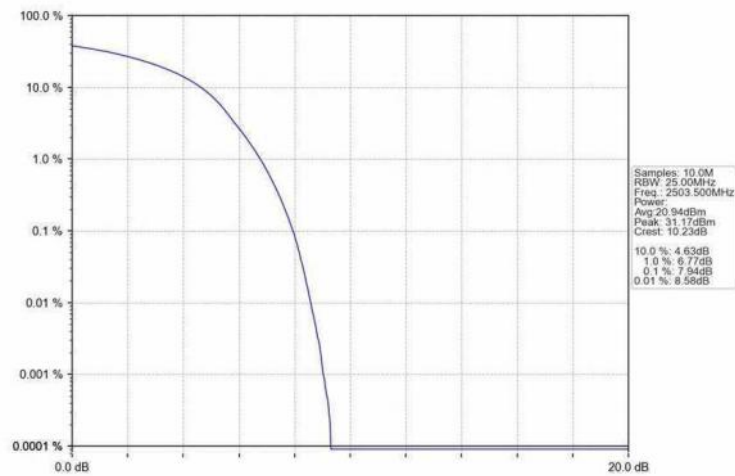
5.2.3 B41_15MHz



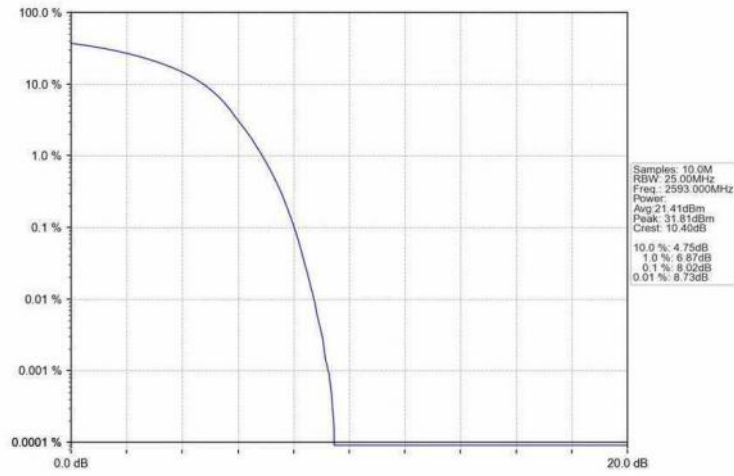
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



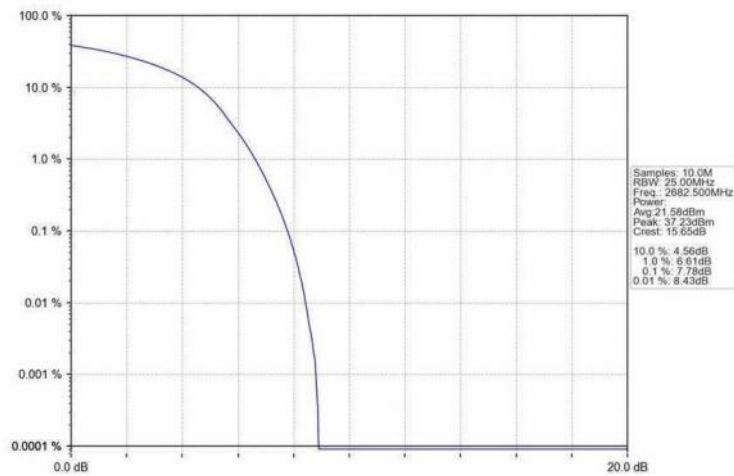
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



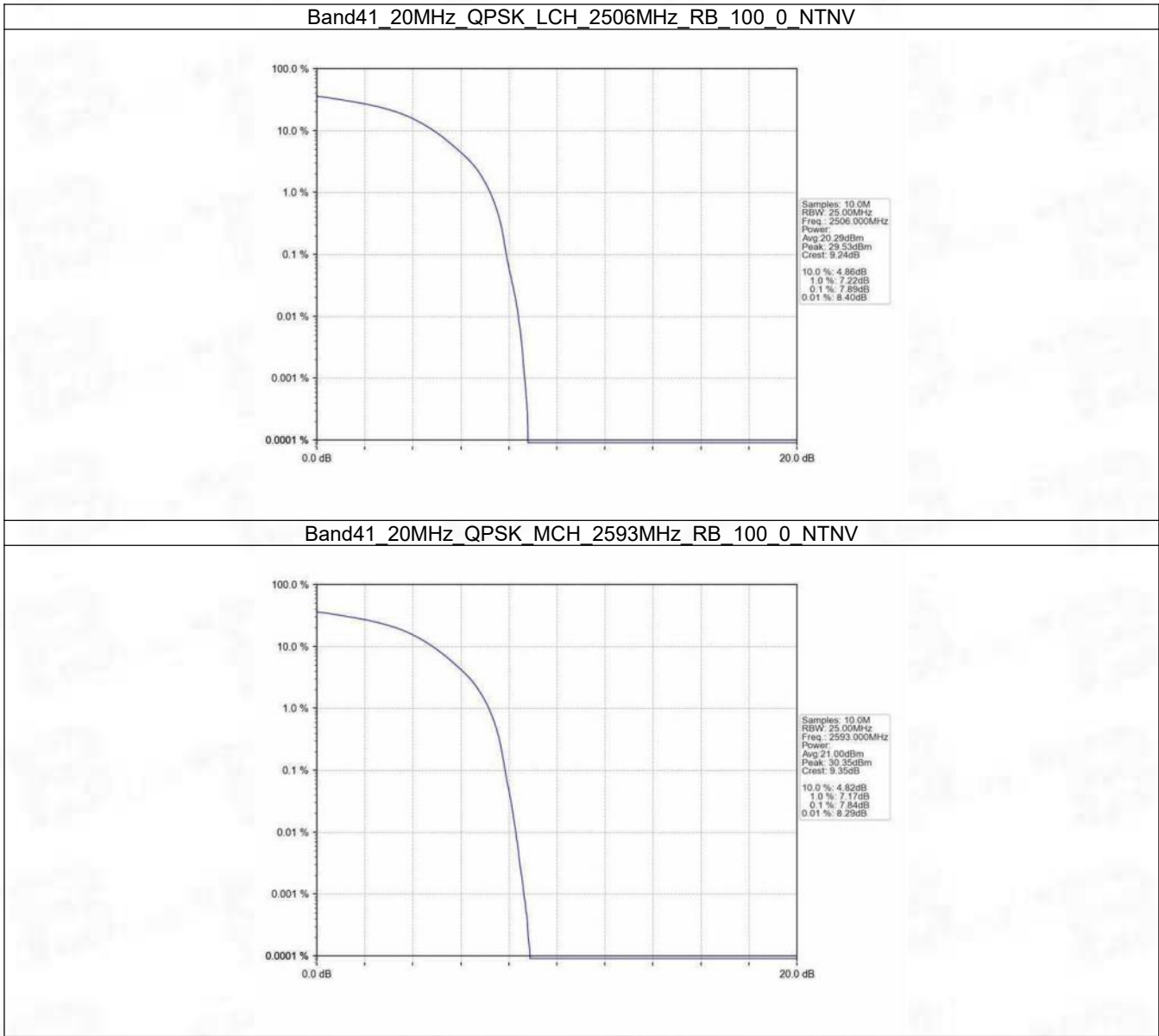
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



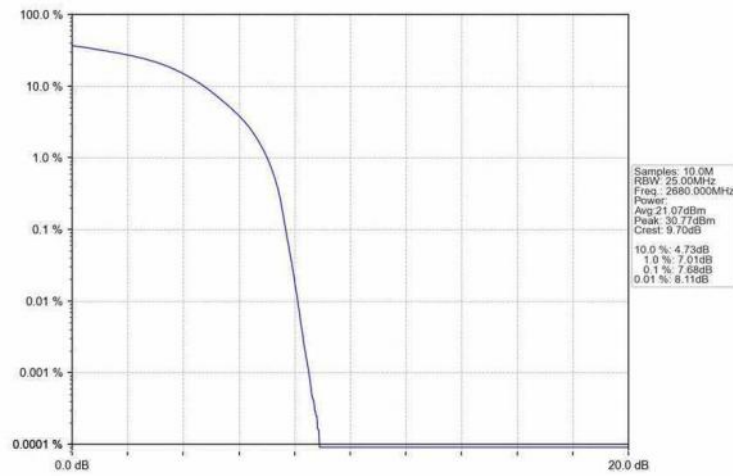
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



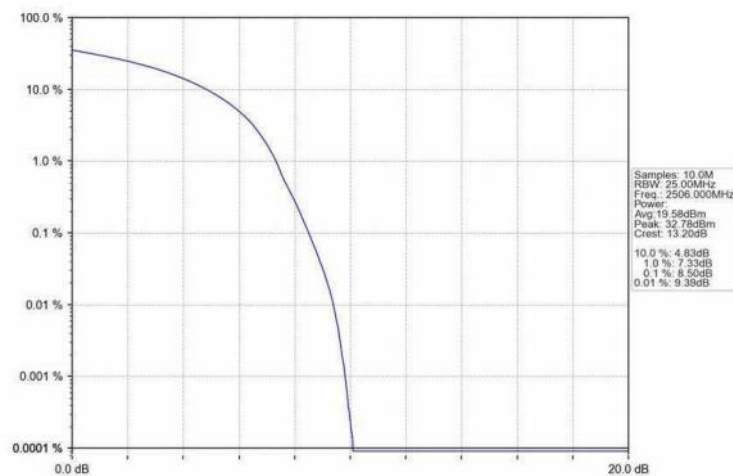
5.2.4 B41_20MHz



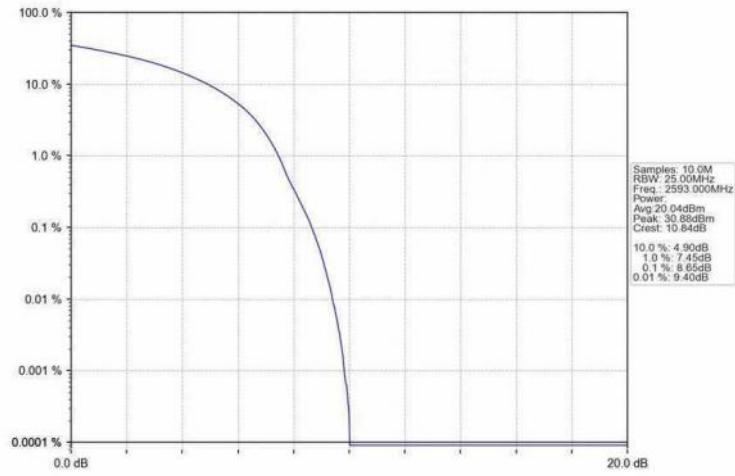
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



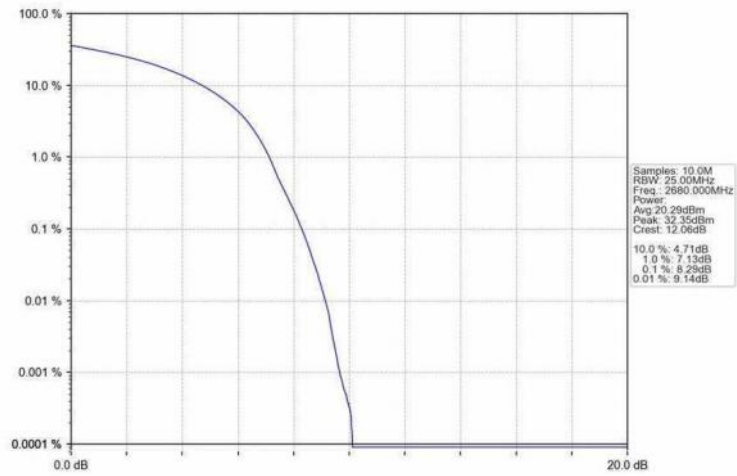
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
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	0	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	0	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 / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

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

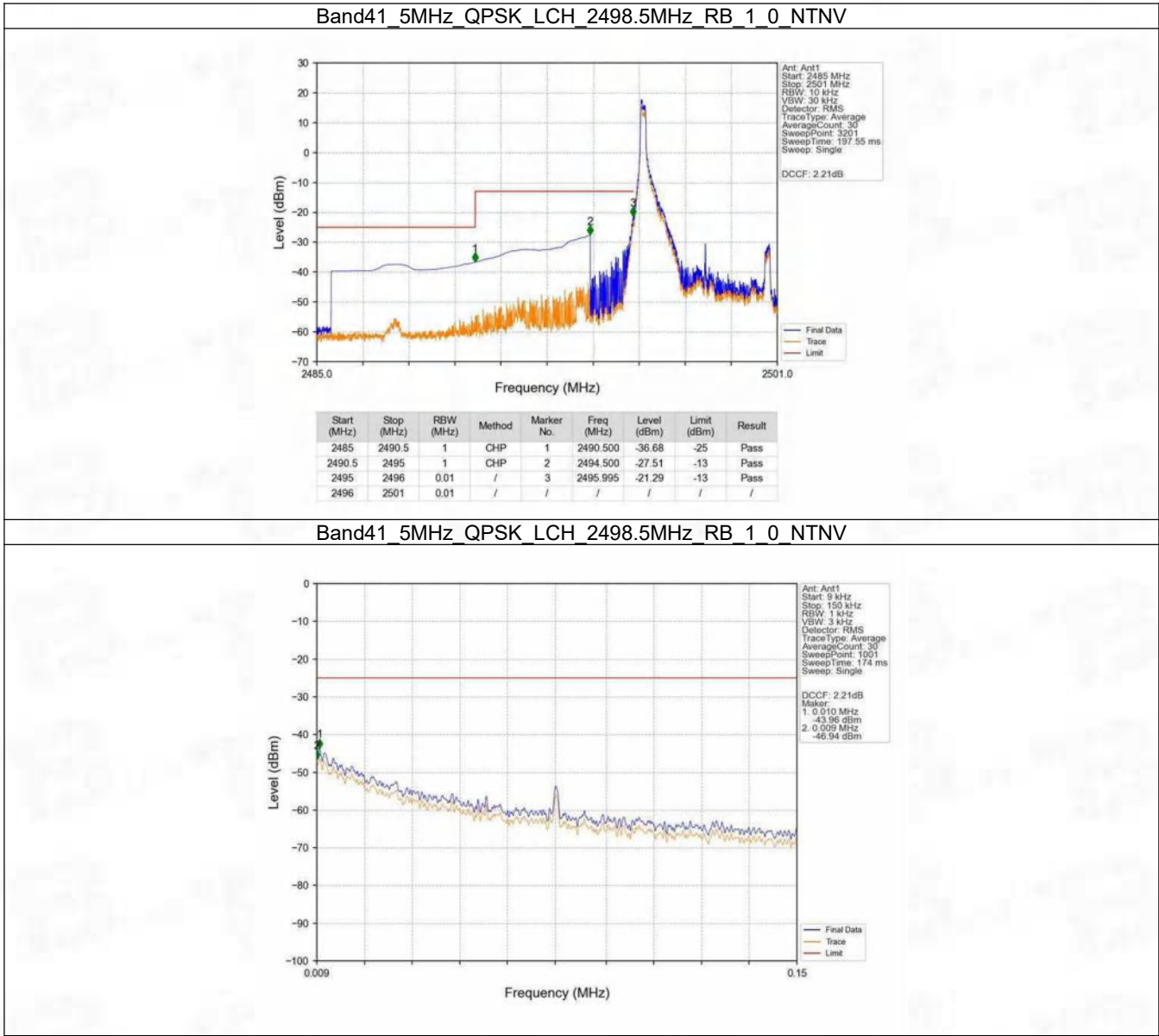
		75	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2682.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B41_20MHz

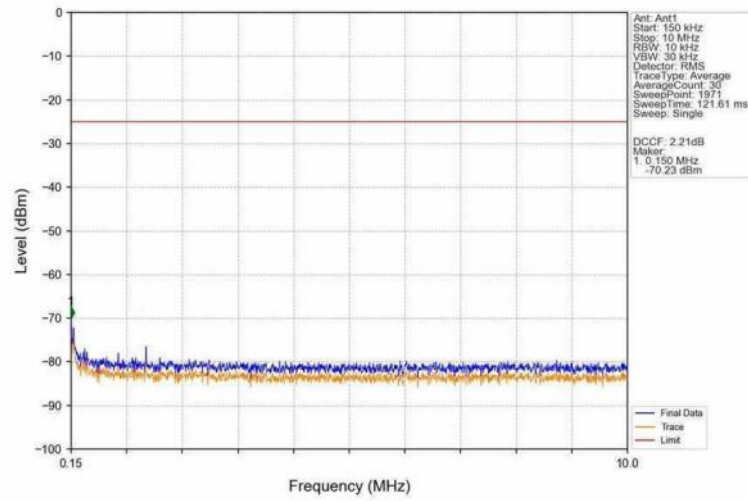
Band: 41 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

6.2 Test Graph

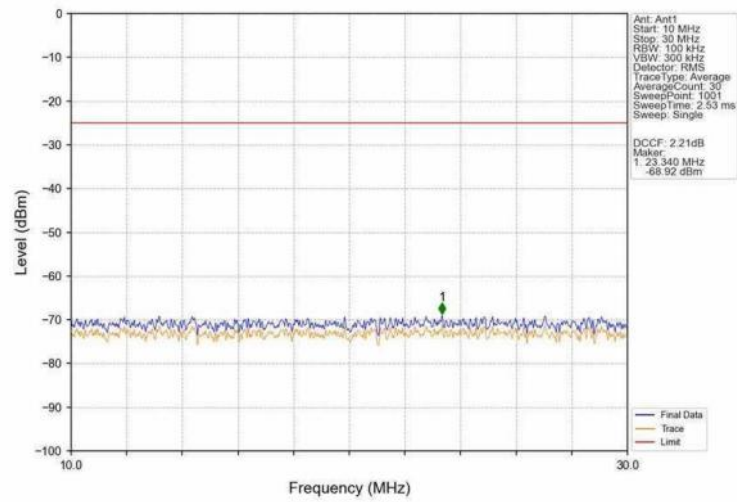
6.2.1 B41_5MHz



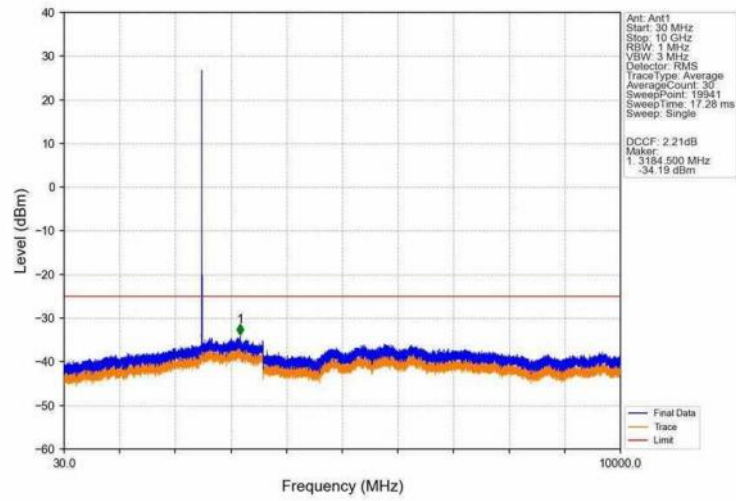
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



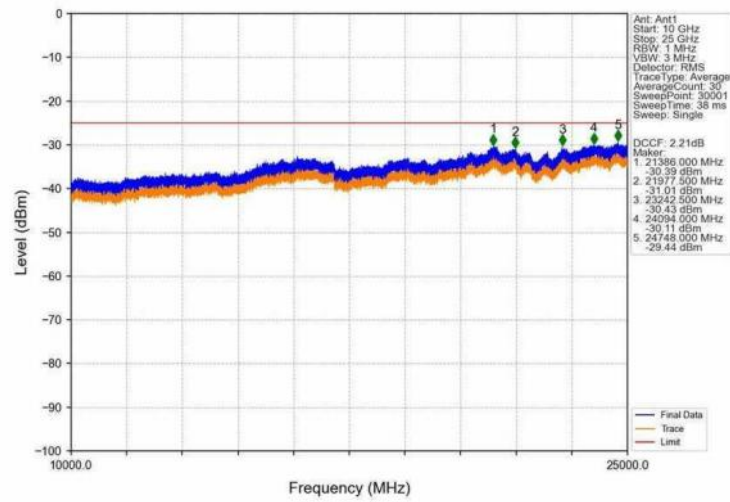
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



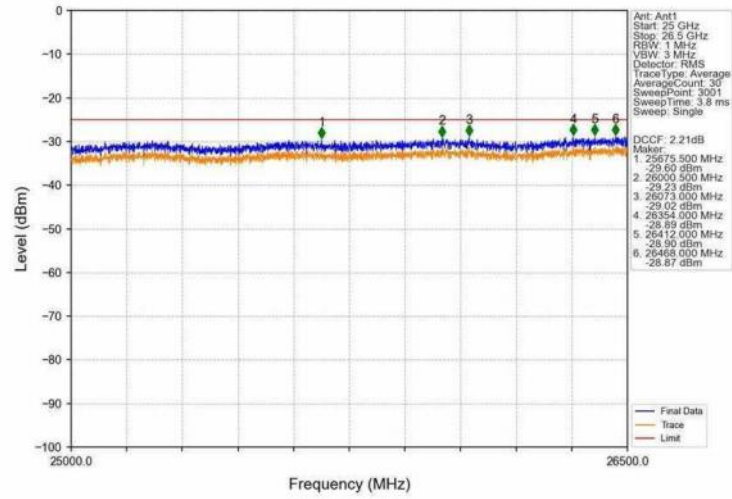
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



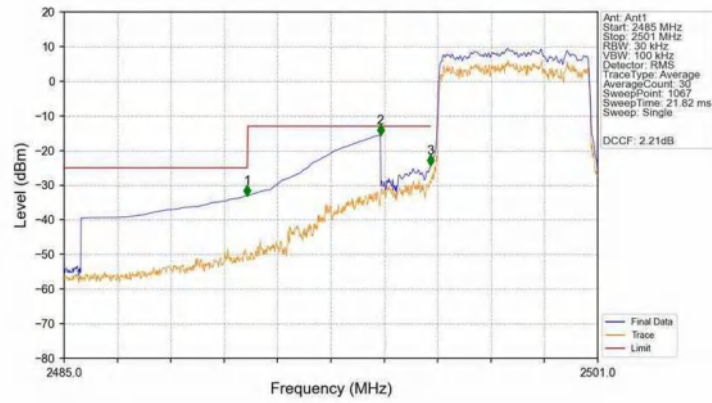
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

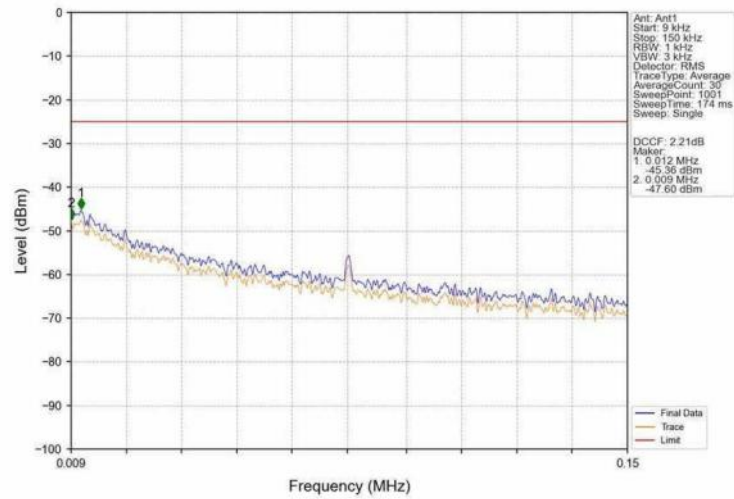


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

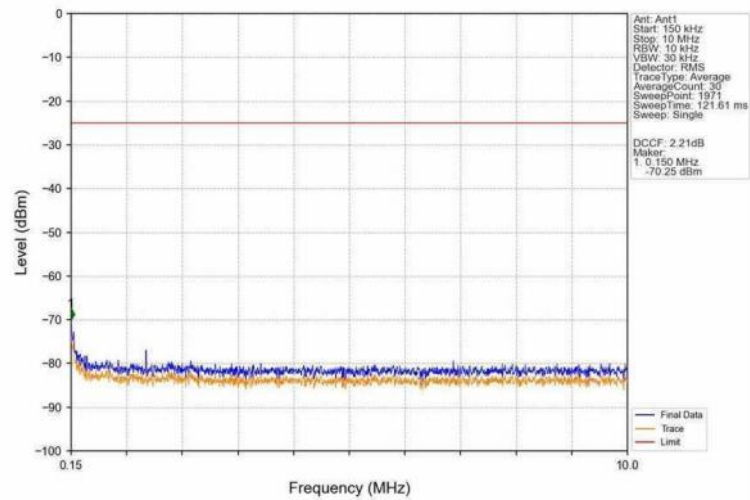


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-33.06	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-15.62	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-24.44	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

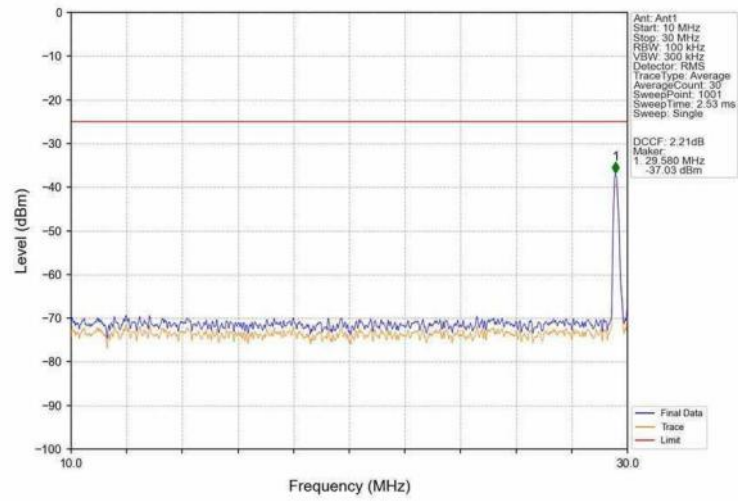
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



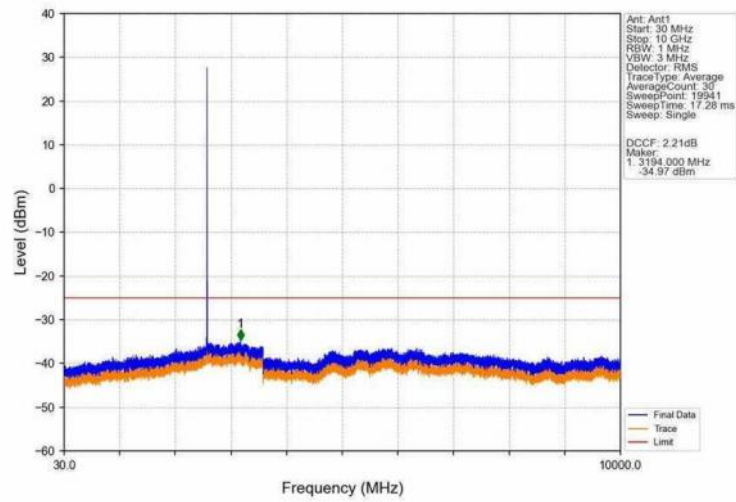
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



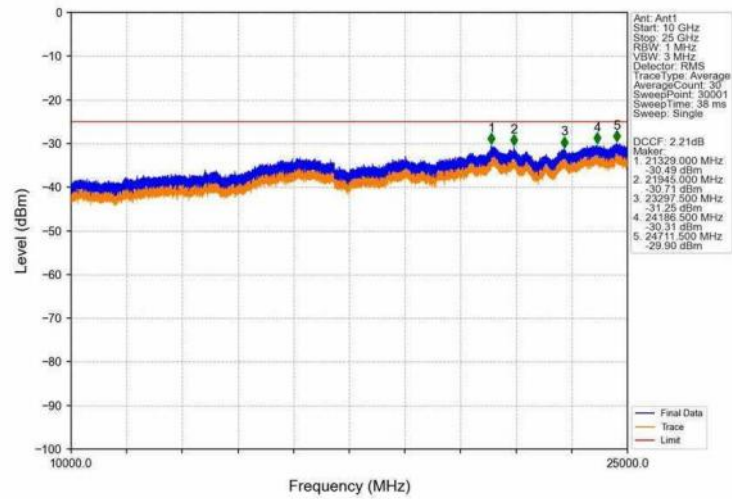
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



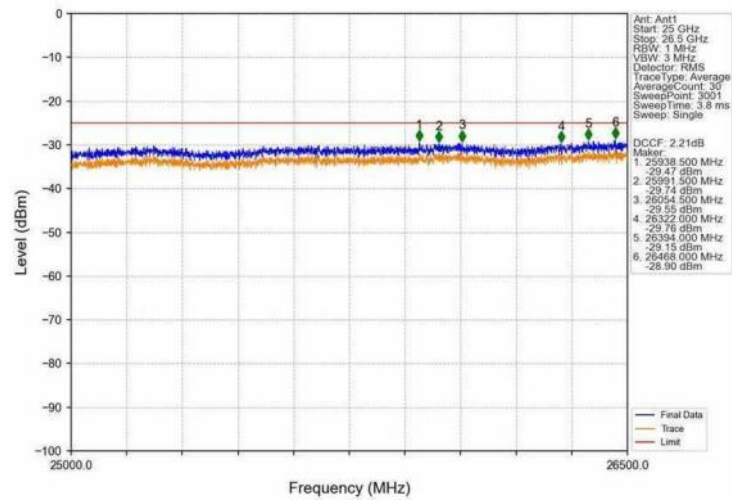
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



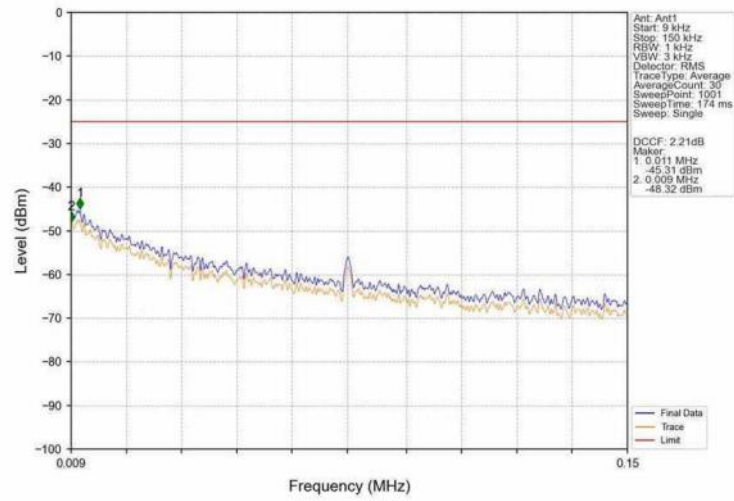
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



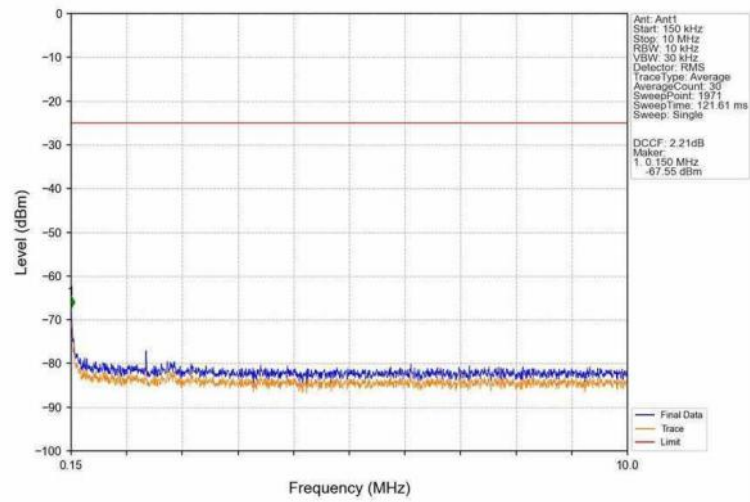
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



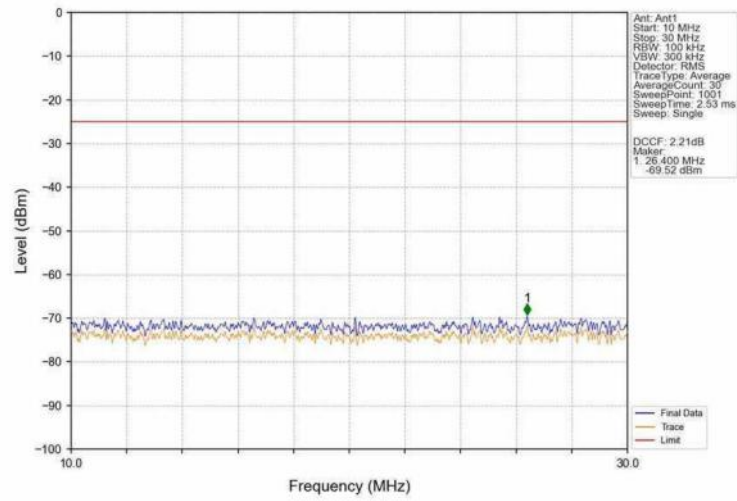
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



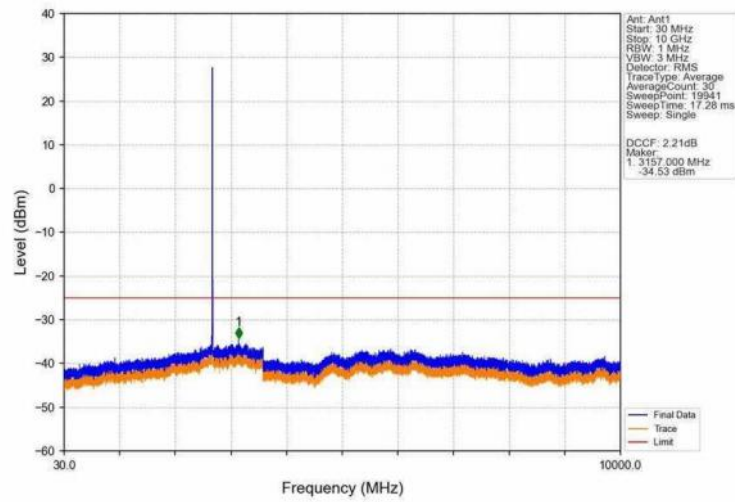
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



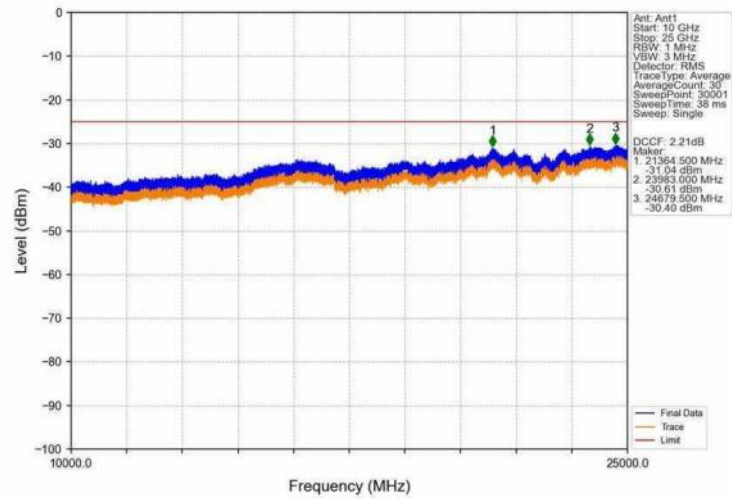
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



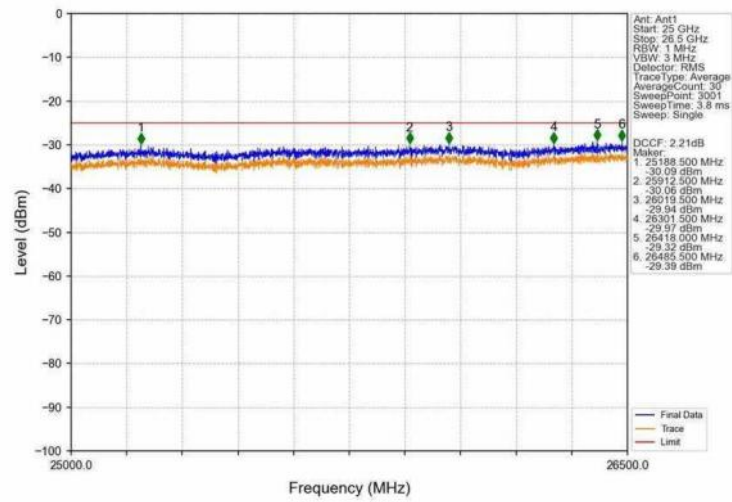
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



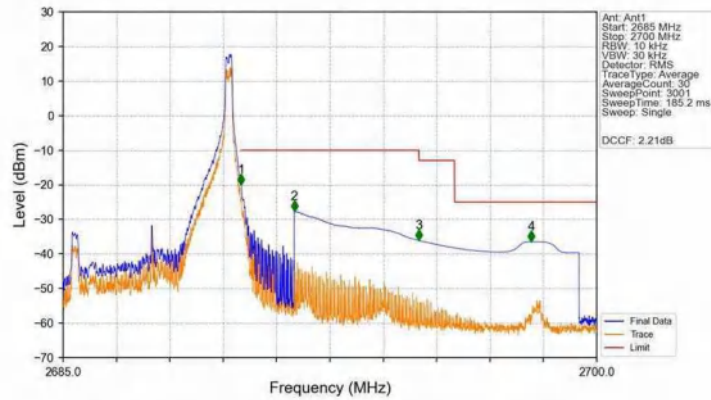
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



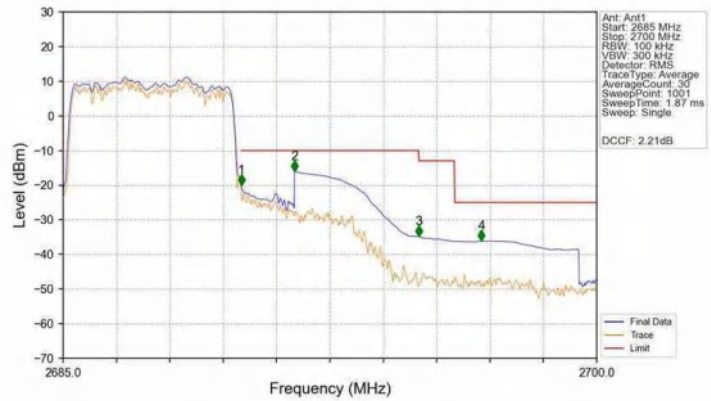
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



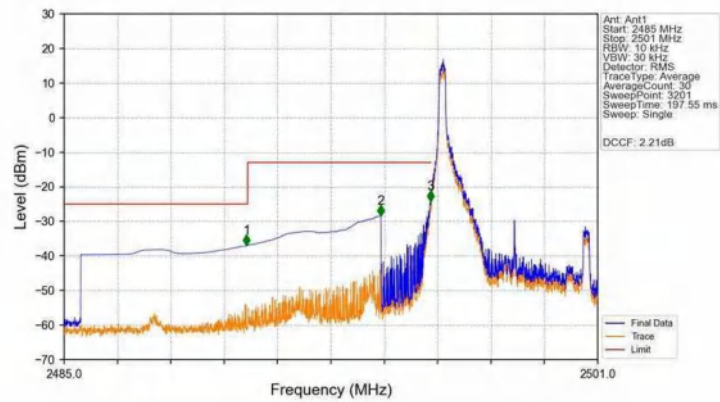
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

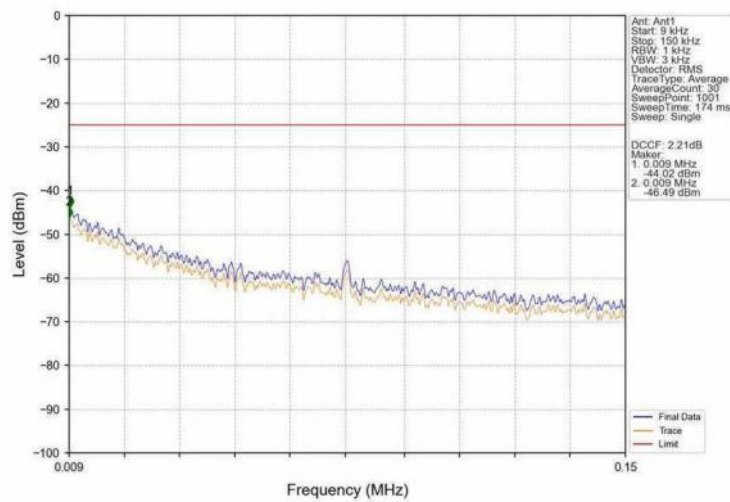


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

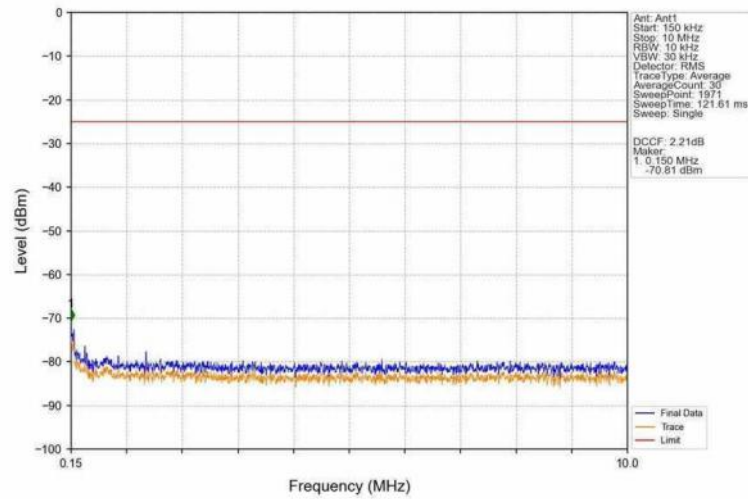


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.475	-37.03	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-28.39	-13	Pass
2495	2496	0.01	/	3	2495.980	-24.18	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

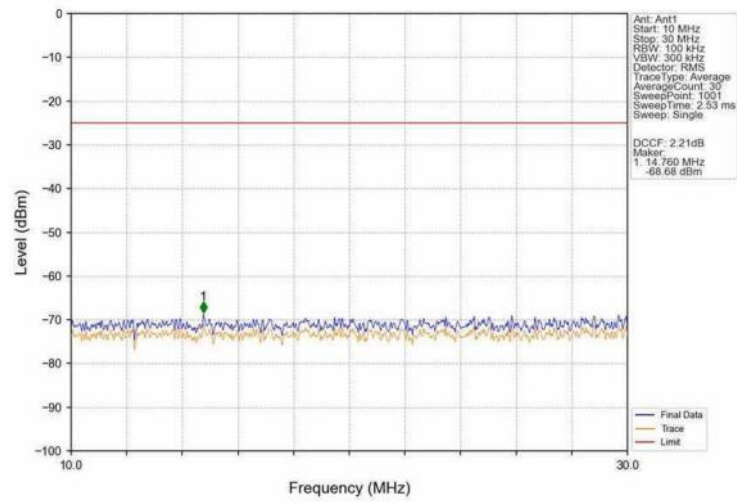
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



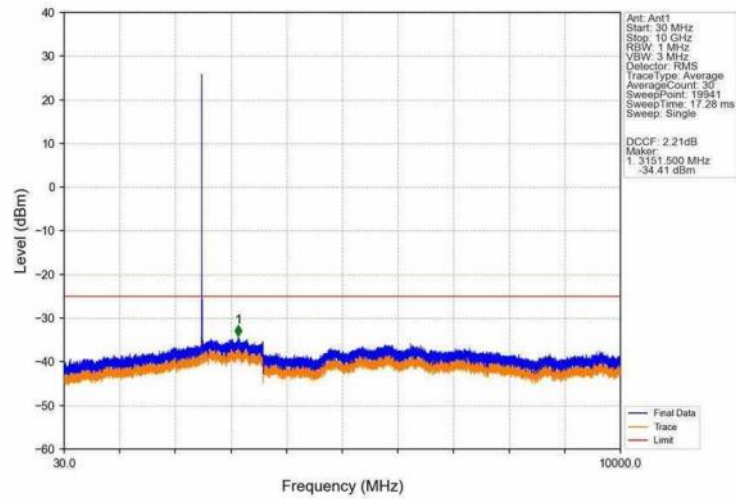
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



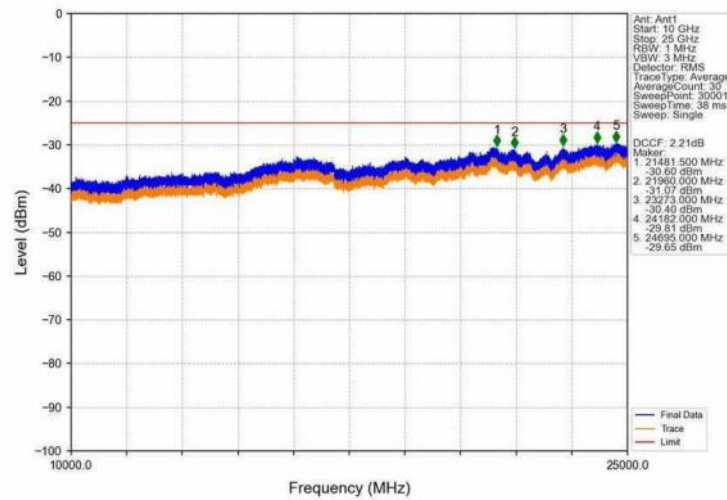
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



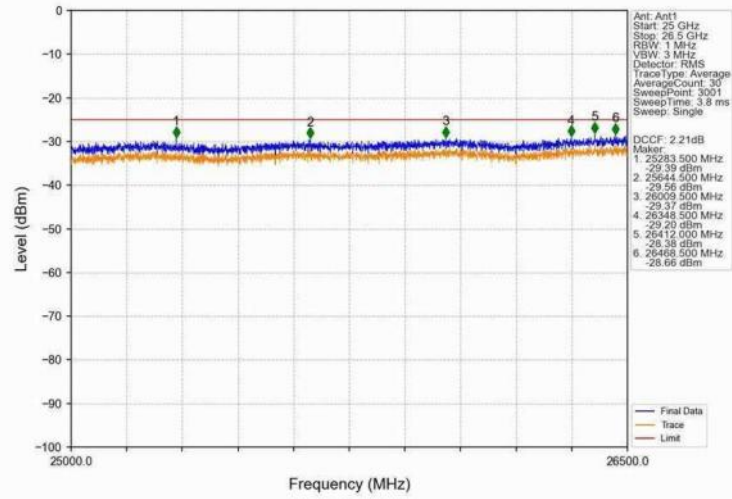
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



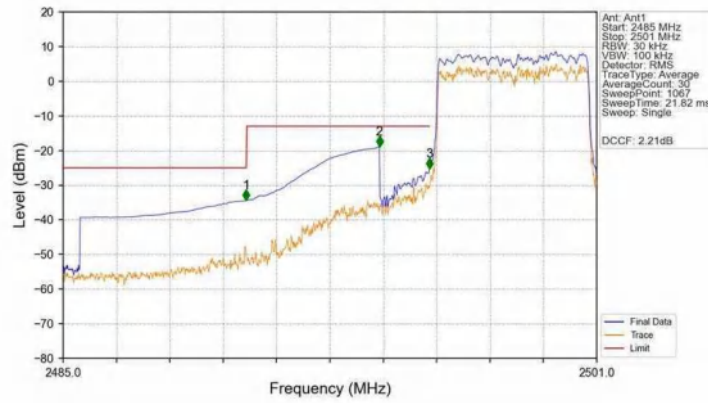
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

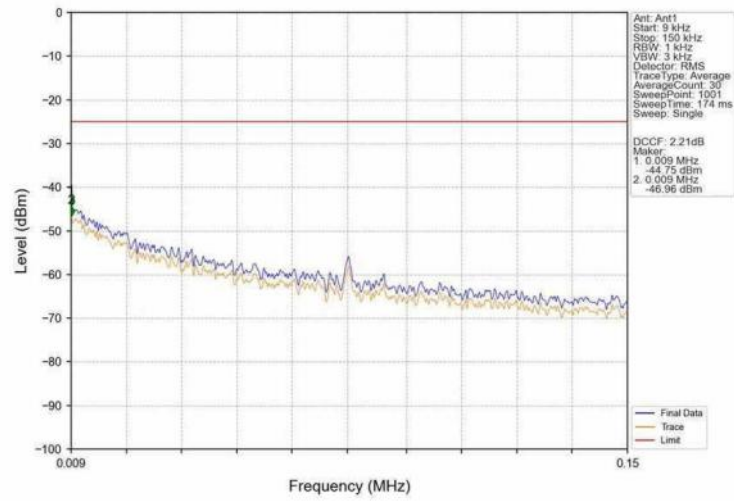


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-34.38	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-18.87	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-25.38	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

