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	19.56	0.16	19.72	<=33.01	Pass
			13	19.96	0.16	20.12	<=33.01	Pass
			24	19.90	0.16	20.06	<=33.01	Pass
		12	0	18.63	0.16	18.79	<=33.01	Pass
			6	18.69	0.16	18.85	<=33.01	Pass
			13	18.92	0.16	19.08	<=33.01	Pass
		25	0	18.68	0.16	18.84	<=33.01	Pass
	2593	1	0	18.80	0.16	18.96	<=33.01	Pass
			13	19.19	0.16	19.35	<=33.01	Pass
			24	18.84	0.16	19.00	<=33.01	Pass
		12	0	18.06	0.16	18.22	<=33.01	Pass
			6	17.87	0.16	18.03	<=33.01	Pass
			13	18.06	0.16	18.22	<=33.01	Pass
		25	0	18.08	0.16	18.24	<=33.01	Pass
	2687.5	1	0	19.54	0.16	19.70	<=33.01	Pass
			13	19.79	0.16	19.95	<=33.01	Pass
			24	19.77	0.16	19.93	<=33.01	Pass
		12	0	18.69	0.16	18.85	<=33.01	Pass
			6	18.76	0.16	18.92	<=33.01	Pass
			13	18.74	0.16	18.90	<=33.01	Pass
		25	0	18.75	0.16	18.91	<=33.01	Pass
16QAM	2498.5	1	0	18.71	0.16	18.87	<=33.01	Pass
			13	19.00	0.16	19.16	<=33.01	Pass
			24	18.78	0.16	18.94	<=33.01	Pass
		12	0	17.93	0.16	18.09	<=33.01	Pass
			6	17.62	0.16	17.78	<=33.01	Pass
			13	17.64	0.16	17.80	<=33.01	Pass
		25	0	17.82	0.16	17.98	<=33.01	Pass
	2593	1	0	17.76	0.16	17.92	<=33.01	Pass
			13	18.14	0.16	18.30	<=33.01	Pass
			24	17.83	0.16	17.99	<=33.01	Pass
		12	0	16.80	0.16	16.96	<=33.01	Pass
			6	17.19	0.16	17.35	<=33.01	Pass
			13	17.09	0.16	17.25	<=33.01	Pass
		25	0	17.12	0.16	17.28	<=33.01	Pass
	2687.5	1	0	18.82	0.16	18.98	<=33.01	Pass
			13	19.13	0.16	19.29	<=33.01	Pass
			24	19.07	0.16	19.23	<=33.01	Pass
		12	0	17.68	0.16	17.84	<=33.01	Pass
			6	17.76	0.16	17.92	<=33.01	Pass
			13	17.70	0.16	17.86	<=33.01	Pass
		25	0	17.95	0.16	18.11	<=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	19.87	0.16	20.03	<=33.01	Pass
			25	19.90	0.16	20.06	<=33.01	Pass
			49	19.99	0.16	20.15	<=33.01	Pass
		25	0	18.98	0.16	19.14	<=33.01	Pass
			13	19.05	0.16	19.21	<=33.01	Pass
			25	18.80	0.16	18.96	<=33.01	Pass
		50	0	19.01	0.16	19.17	<=33.01	Pass
	2593	1	0	19.05	0.16	19.21	<=33.01	Pass
			25	19.38	0.16	19.54	<=33.01	Pass
			49	19.16	0.16	19.32	<=33.01	Pass
		25	0	17.91	0.16	18.07	<=33.01	Pass
			13	18.16	0.16	18.32	<=33.01	Pass
			25	18.12	0.16	18.28	<=33.01	Pass
		50	0	17.90	0.16	18.06	<=33.01	Pass
	2685	1	0	19.59	0.16	19.75	<=33.01	Pass
			25	20.13	0.16	20.29	<=33.01	Pass
			49	20.10	0.16	20.26	<=33.01	Pass
		25	0	18.61	0.16	18.77	<=33.01	Pass
			13	18.68	0.16	18.84	<=33.01	Pass
			25	18.99	0.16	19.15	<=33.01	Pass
		50	0	18.96	0.16	19.12	<=33.01	Pass
16QAM	2501	1	0	18.96	0.16	19.12	<=33.01	Pass
			25	18.91	0.16	19.07	<=33.01	Pass
			49	18.88	0.16	19.04	<=33.01	Pass
		25	0	17.96	0.16	18.12	<=33.01	Pass
			13	18.03	0.16	18.19	<=33.01	Pass
			25	18.02	0.16	18.18	<=33.01	Pass
		50	0	17.70	0.16	17.86	<=33.01	Pass
	2593	1	0	17.67	0.16	17.83	<=33.01	Pass
			25	18.00	0.16	18.16	<=33.01	Pass
			49	17.91	0.16	18.07	<=33.01	Pass
		25	0	16.96	0.16	17.12	<=33.01	Pass
			13	17.21	0.16	17.37	<=33.01	Pass
			25	16.97	0.16	17.13	<=33.01	Pass
		50	0	16.93	0.16	17.09	<=33.01	Pass
	2685	1	0	18.41	0.16	18.57	<=33.01	Pass
			25	18.93	0.16	19.09	<=33.01	Pass
			49	18.94	0.16	19.10	<=33.01	Pass
		25	0	17.62	0.16	17.78	<=33.01	Pass
			13	17.71	0.16	17.87	<=33.01	Pass
			25	17.75	0.16	17.91	<=33.01	Pass
		50	0	17.69	0.16	17.85	<=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	19.36	0.16	19.52	<=33.01	Pass
			38	19.98	0.16	20.14	<=33.01	Pass
			74	19.83	0.16	19.99	<=33.01	Pass
		36	0	18.59	0.16	18.75	<=33.01	Pass
			18	18.96	0.16	19.12	<=33.01	Pass
			39	18.74	0.16	18.90	<=33.01	Pass

		75	0	18.70	0.16	18.86	<=33.01	Pass
	2593	1	0	18.61	0.16	18.77	<=33.01	Pass
			38	18.91	0.16	19.07	<=33.01	Pass
			74	19.04	0.16	19.20	<=33.01	Pass
		36	0	18.00	0.16	18.16	<=33.01	Pass
			18	18.07	0.16	18.23	<=33.01	Pass
			39	17.84	0.16	18.00	<=33.01	Pass
		75	0	18.07	0.16	18.23	<=33.01	Pass
	2682.5	1	0	19.17	0.16	19.33	<=33.01	Pass
			38	19.53	0.16	19.69	<=33.01	Pass
			74	19.91	0.16	20.07	<=33.01	Pass
		36	0	18.28	0.16	18.44	<=33.01	Pass
			18	18.72	0.16	18.88	<=33.01	Pass
			39	18.56	0.16	18.72	<=33.01	Pass
		75	0	18.68	0.16	18.84	<=33.01	Pass
16QAM	2503.5	1	0	18.73	0.16	18.89	<=33.01	Pass
			38	19.10	0.16	19.26	<=33.01	Pass
			74	18.86	0.16	19.02	<=33.01	Pass
		36	0	17.88	0.16	18.04	<=33.01	Pass
			18	17.67	0.16	17.83	<=33.01	Pass
			39	17.71	0.16	17.87	<=33.01	Pass
		75	0	17.91	0.16	18.07	<=33.01	Pass
	2593	1	0	17.55	0.16	17.71	<=33.01	Pass
			38	17.86	0.16	18.02	<=33.01	Pass
			74	17.68	0.16	17.84	<=33.01	Pass
		36	0	17.06	0.16	17.22	<=33.01	Pass
			18	17.07	0.16	17.23	<=33.01	Pass
			39	17.07	0.16	17.23	<=33.01	Pass
		75	0	16.89	0.16	17.05	<=33.01	Pass
	2682.5	1	0	18.01	0.16	18.17	<=33.01	Pass
			38	18.61	0.16	18.77	<=33.01	Pass
			74	18.68	0.16	18.84	<=33.01	Pass
		36	0	17.50	0.16	17.66	<=33.01	Pass
			18	17.46	0.16	17.62	<=33.01	Pass
			39	17.78	0.16	17.94	<=33.01	Pass
		75	0	17.62	0.16	17.78	<=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	19.18	0.16	19.34	<=33.01	Pass
			50	19.84	0.16	20.00	<=33.01	Pass
			99	19.71	0.16	19.87	<=33.01	Pass
		50	0	18.88	0.16	19.04	<=33.01	Pass
			25	18.70	0.16	18.86	<=33.01	Pass
			50	18.78	0.16	18.94	<=33.01	Pass
		100	0	18.70	0.16	18.86	<=33.01	Pass
	2593	1	0	18.38	0.16	18.54	<=33.01	Pass
			50	19.19	0.16	19.35	<=33.01	Pass
			99	18.57	0.16	18.73	<=33.01	Pass
		50	0	18.06	0.16	18.22	<=33.01	Pass
			25	18.05	0.16	18.21	<=33.01	Pass
			50	17.84	0.16	18.00	<=33.01	Pass
		100	0	18.05	0.16	18.21	<=33.01	Pass

	2680	1	0	18.77	0.16	18.93	<=33.01	Pass
			50	19.74	0.16	19.90	<=33.01	Pass
			99	19.78	0.16	19.94	<=33.01	Pass
		50	0	18.21	0.16	18.37	<=33.01	Pass
			25	18.34	0.16	18.50	<=33.01	Pass
			50	18.48	0.16	18.64	<=33.01	Pass
		100	0	18.32	0.16	18.48	<=33.01	Pass
16QAM	2506	1	0	18.55	0.16	18.71	<=33.01	Pass
			50	18.42	0.16	18.58	<=33.01	Pass
			99	18.70	0.16	18.86	<=33.01	Pass
		50	0	17.82	0.16	17.98	<=33.01	Pass
			25	17.87	0.16	18.03	<=33.01	Pass
			50	17.99	0.16	18.15	<=33.01	Pass
		100	0	17.68	0.16	17.84	<=33.01	Pass
	2593	1	0	17.55	0.16	17.71	<=33.01	Pass
			50	18.16	0.16	18.32	<=33.01	Pass
			99	17.67	0.16	17.83	<=33.01	Pass
		50	0	17.10	0.16	17.26	<=33.01	Pass
			25	17.13	0.16	17.29	<=33.01	Pass
			50	17.14	0.16	17.30	<=33.01	Pass
		100	0	16.87	0.16	17.03	<=33.01	Pass
	2680	1	0	17.73	0.16	17.89	<=33.01	Pass
			50	18.51	0.16	18.67	<=33.01	Pass
			99	18.98	0.16	19.14	<=33.01	Pass
		50	0	17.37	0.16	17.53	<=33.01	Pass
			25	17.54	0.16	17.70	<=33.01	Pass
			50	17.69	0.16	17.85	<=33.01	Pass
		100	0	17.49	0.16	17.65	<=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	-33.531	-0.0134	-2.5 to 2.5	Pass
					3.85	-34.704	-0.0139	-2.5 to 2.5	Pass
					4.43	-48.895	-0.0196	-2.5 to 2.5	Pass
				-30	3.85	-49.710	-0.0199	-2.5 to 2.5	Pass
				-20	3.85	-70.925	-0.0284	-2.5 to 2.5	Pass
				-10	3.85	-60.940	-0.0244	-2.5 to 2.5	Pass
				0	3.85	-53.401	-0.0214	-2.5 to 2.5	Pass
				10	3.85	-67.320	-0.0269	-2.5 to 2.5	Pass
				30	3.85	-17.452	-0.0070	-2.5 to 2.5	Pass
				40	3.85	-1.788	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-14.949	-0.0060	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-4.234	-0.0016	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0014	-2.5 to 2.5	Pass
					4.43	-0.572	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	4.907	0.0019	-2.5 to 2.5	Pass
				-20	3.85	7.625	0.0029	-2.5 to 2.5	Pass
				-10	3.85	23.489	0.0091	-2.5 to 2.5	Pass

				0	3.85	7.296	0.0028	-2.5 to 2.5	Pass
				10	3.85	20.499	0.0079	-2.5 to 2.5	Pass
				30	3.85	20.800	0.0080	-2.5 to 2.5	Pass
				40	3.85	15.779	0.0061	-2.5 to 2.5	Pass
				50	3.85	6.237	0.0024	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-20.986	-0.0078	-2.5 to 2.5	Pass
					3.85	-15.764	-0.0059	-2.5 to 2.5	Pass
					4.43	-10.200	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.595	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	15.779	0.0059	-2.5 to 2.5	Pass
				0	3.85	35.763	0.0133	-2.5 to 2.5	Pass
				10	3.85	22.430	0.0083	-2.5 to 2.5	Pass
				30	3.85	65.002	0.0242	-2.5 to 2.5	Pass
				40	3.85	68.049	0.0253	-2.5 to 2.5	Pass
				50	3.85	70.009	0.0260	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	1.173	0.0005	-2.5 to 2.5	Pass
					3.85	-4.406	-0.0018	-2.5 to 2.5	Pass
					4.43	-1.917	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-12.317	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	0.830	0.0003	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-5.751	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-11.315	-0.0045	-2.5 to 2.5	Pass
				30	3.85	0.143	0.0001	-2.5 to 2.5	Pass
				40	3.85	-10.886	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-8.941	-0.0036	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	12.503	0.0048	-2.5 to 2.5	Pass
					3.85	26.336	0.0102	-2.5 to 2.5	Pass
					4.43	22.273	0.0086	-2.5 to 2.5	Pass
				-30	3.85	22.416	0.0086	-2.5 to 2.5	Pass
				-20	3.85	5.350	0.0021	-2.5 to 2.5	Pass
				-10	3.85	23.417	0.0090	-2.5 to 2.5	Pass
				0	3.85	23.203	0.0089	-2.5 to 2.5	Pass
				10	3.85	16.580	0.0064	-2.5 to 2.5	Pass
				30	3.85	6.580	0.0025	-2.5 to 2.5	Pass
				40	3.85	5.379	0.0021	-2.5 to 2.5	Pass
				50	3.85	12.875	0.0050	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	86.346	0.0321	-2.5 to 2.5	Pass
					3.85	107.904	0.0402	-2.5 to 2.5	Pass
					4.43	102.253	0.0380	-2.5 to 2.5	Pass
				-30	3.85	106.359	0.0396	-2.5 to 2.5	Pass
				-20	3.85	92.940	0.0346	-2.5 to 2.5	Pass
				-10	3.85	99.149	0.0369	-2.5 to 2.5	Pass
				0	3.85	122.209	0.0455	-2.5 to 2.5	Pass
				10	3.85	114.126	0.0425	-2.5 to 2.5	Pass
				30	3.85	116.758	0.0434	-2.5 to 2.5	Pass
				40	3.85	118.976	0.0443	-2.5 to 2.5	Pass
				50	3.85	104.957	0.0391	-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	-7.811	-0.0031	-2.5 to 2.5	Pass
					3.85	-12.460	-0.0050	-2.5 to 2.5	Pass

					4.43	-4.792	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-5.994	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-5.393	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-8.969	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-5.050	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-6.166	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.546	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-9.513	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-17.152	-0.0069	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-18.239	-0.0070	-2.5 to 2.5	Pass
					3.85	-10.643	-0.0041	-2.5 to 2.5	Pass
					4.43	-3.948	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-8.383	-0.0032	-2.5 to 2.5	Pass
				-20	3.85	-0.601	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.659	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-7.410	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.296	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-9.441	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-5.493	-0.0021	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-16.680	-0.0062	-2.5 to 2.5	Pass
					3.85	-9.041	-0.0034	-2.5 to 2.5	Pass
					4.43	-1.116	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-11.916	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-12.732	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-8.397	-0.0031	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-5.922	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.552	-0.0026	-2.5 to 2.5	Pass
					4.43	-6.938	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-3.633	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-7.925	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-11.287	-0.0045	-2.5 to 2.5	Pass
				0	3.85	2.160	0.0009	-2.5 to 2.5	Pass
				10	3.85	-12.274	-0.0049	-2.5 to 2.5	Pass
				30	3.85	-7.324	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-10.328	-0.0041	-2.5 to 2.5	Pass
				50	3.85	-2.918	-0.0012	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-1.774	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.146	-0.0008	-2.5 to 2.5	Pass
					4.43	-12.403	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-4.649	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.462	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-7.839	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-7.195	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-3.691	-0.0014	-2.5 to 2.5	Pass
					3.85	-8.755	-0.0033	-2.5 to 2.5	Pass
					4.43	-7.868	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	-1.945	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-8.297	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-13.247	-0.0049	-2.5 to 2.5	Pass

				0	3.85	1.616	0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.875	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-8.912	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-4.306	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-12.002	-0.0045	-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	-17.452	-0.0070	-2.5 to 2.5	Pass
					3.85	-11.902	-0.0048	-2.5 to 2.5	Pass
					4.43	-6.051	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-11.101	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-9.141	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-8.683	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-10.343	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-14.820	-0.0059	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-10.757	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-7.052	-0.0028	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-8.783	-0.0034	-2.5 to 2.5	Pass
					3.85	-9.055	-0.0035	-2.5 to 2.5	Pass
					4.43	-9.499	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-5.193	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.892	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-8.941	-0.0034	-2.5 to 2.5	Pass
				30	3.85	-3.262	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-7.424	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-0.286	-0.0001	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-10.858	-0.0040	-2.5 to 2.5	Pass
					3.85	-9.413	-0.0035	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.765	-0.0021	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-8.383	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-3.963	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.903	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-9.298	-0.0035	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0003	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-8.326	-0.0033	-2.5 to 2.5	Pass
					3.85	-10.500	-0.0042	-2.5 to 2.5	Pass
					4.43	-6.623	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-16.465	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-12.903	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-4.406	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.159	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-7.353	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-8.497	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-6.022	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0020	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-5.980	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.978	-0.0019	-2.5 to 2.5	Pass

					4.43	0.572	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-5.178	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0003	-2.5 to 2.5	Pass
				0	3.85	2.832	0.0011	-2.5 to 2.5	Pass
				10	3.85	-7.110	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-7.181	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-2.847	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-5.236	-0.0020	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	0.615	0.0002	-2.5 to 2.5	Pass
					3.85	-12.474	-0.0047	-2.5 to 2.5	Pass
					4.43	-7.524	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	1.230	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.739	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-0.701	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-13.232	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-2.561	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.245	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-7.439	-0.0028	-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	-8.240	-0.0033	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0026	-2.5 to 2.5	Pass
					4.43	-11.258	-0.0045	-2.5 to 2.5	Pass
				-30	3.85	-4.520	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-4.835	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-4.563	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.646	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.662	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-10.872	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-3.963	-0.0016	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-5.336	-0.0021	-2.5 to 2.5	Pass
					3.85	-11.029	-0.0043	-2.5 to 2.5	Pass
					4.43	-2.861	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.589	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-14.634	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-9.699	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-17.595	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-9.956	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-10.371	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.762	-0.0015	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-3.076	-0.0011	-2.5 to 2.5	Pass
					3.85	-7.997	-0.0030	-2.5 to 2.5	Pass
					4.43	-3.204	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	1.888	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-4.621	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-4.206	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-11.101	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-8.898	-0.0033	-2.5 to 2.5	Pass
				30	3.85	-4.792	-0.0018	-2.5 to 2.5	Pass

				40	3.85	-8.426	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-5.221	-0.0019	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	-2.046	-0.0008	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.549	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-3.247	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-8.998	-0.0036	-2.5 to 2.5	Pass
				-10	3.85	-7.610	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-11.172	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.094	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-7.081	-0.0028	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-10.600	-0.0041	-2.5 to 2.5	Pass
					3.85	-6.952	-0.0027	-2.5 to 2.5	Pass
					4.43	-12.560	-0.0048	-2.5 to 2.5	Pass
				-30	3.85	-7.010	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-6.266	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.593	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-12.646	-0.0049	-2.5 to 2.5	Pass
				10	3.85	-10.614	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-8.655	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-10.471	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-3.748	-0.0014	-2.5 to 2.5	Pass
					3.85	-12.360	-0.0046	-2.5 to 2.5	Pass
					4.43	1.845	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-7.296	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.081	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-9.370	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-3.748	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-3.133	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.176	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-9.212	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-4.635	-0.0017	-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

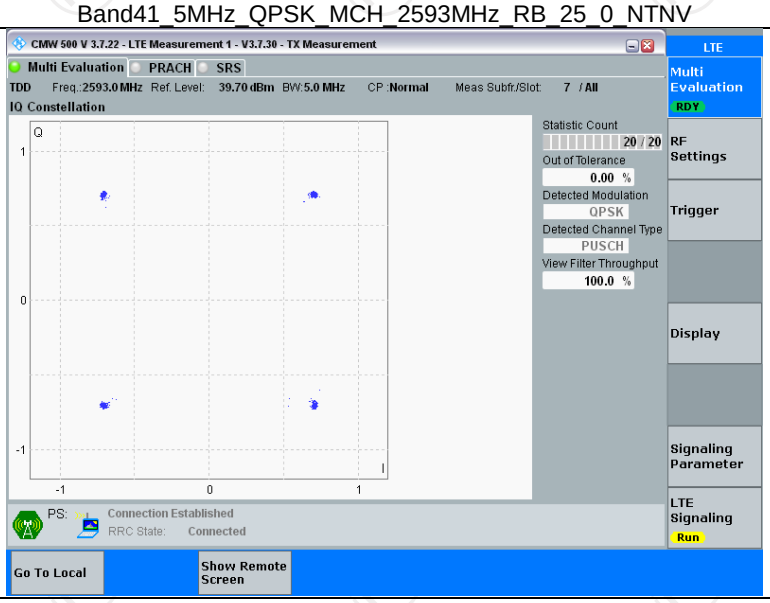
3.1.4 B41_20MHz

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

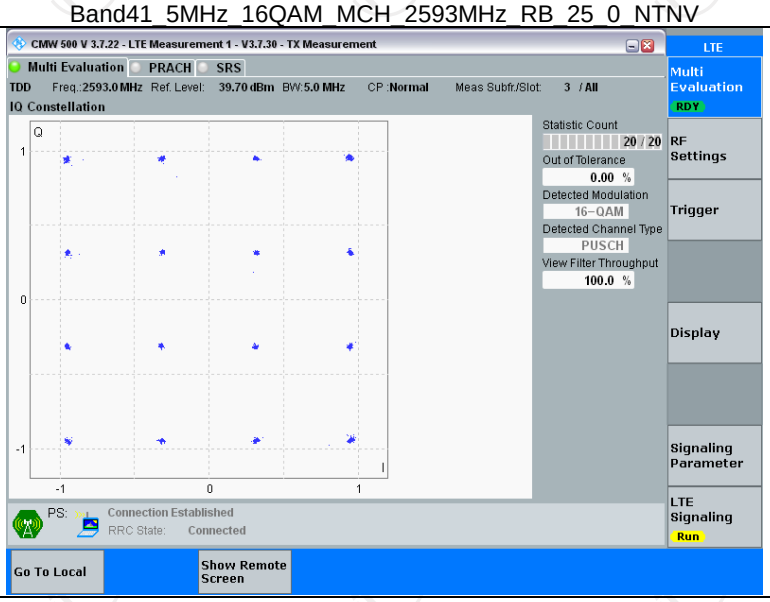
3.2 Test Graph

3.2.1 B41_5MHz

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



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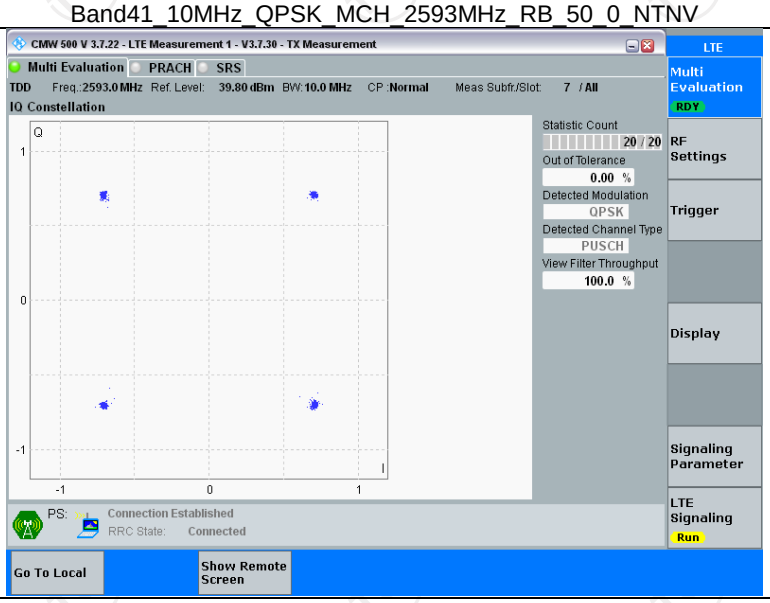
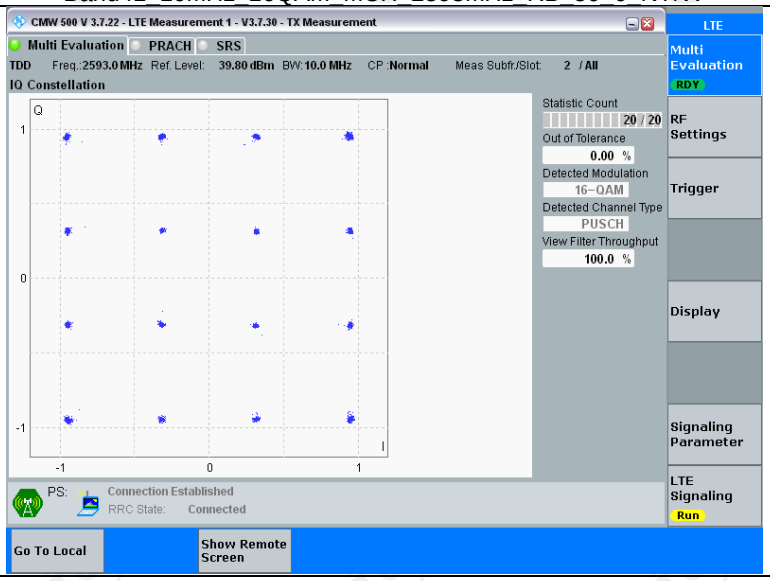
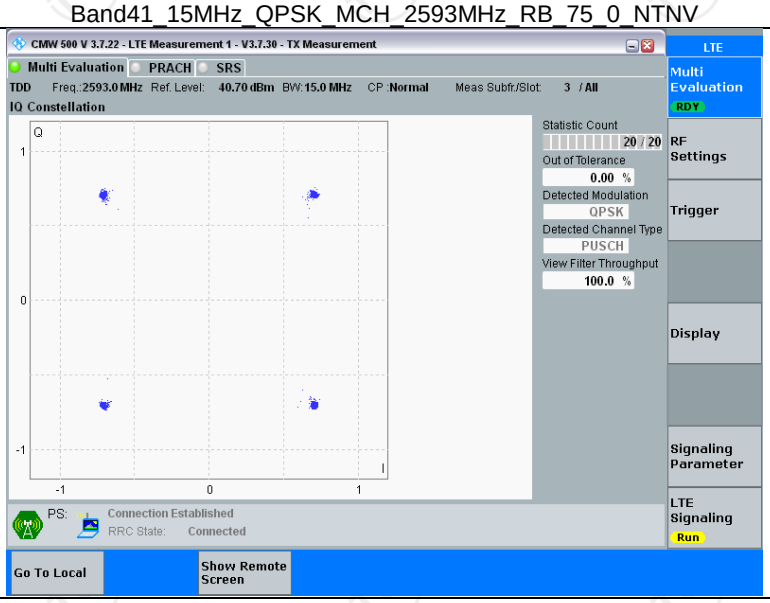
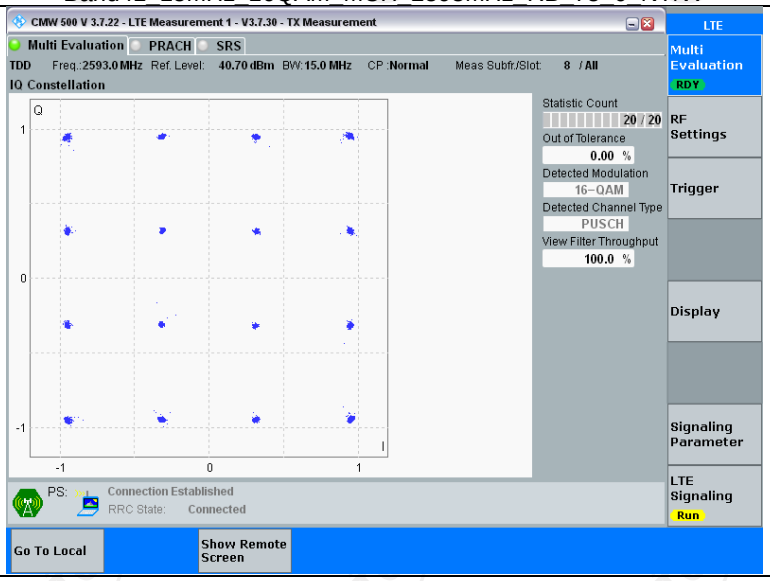
3.2.2 B41_10MHz

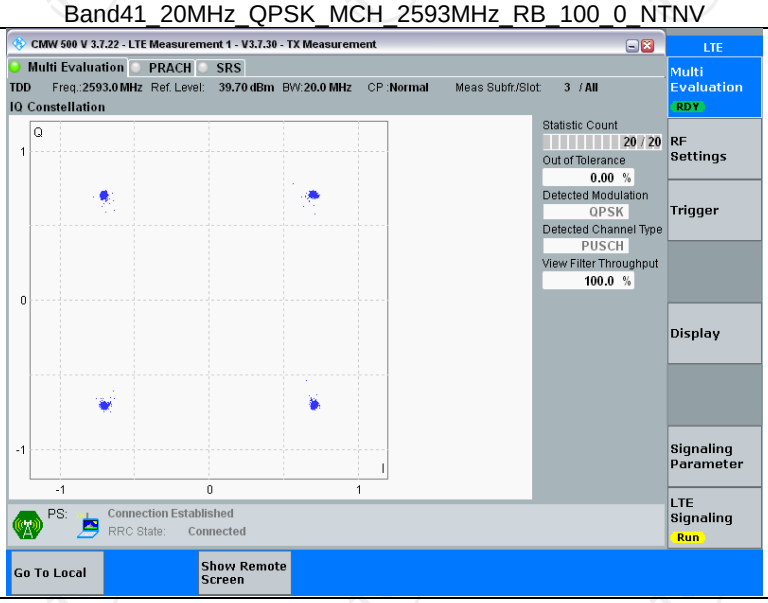
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV

Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV


3.2.3 B41_15MHz

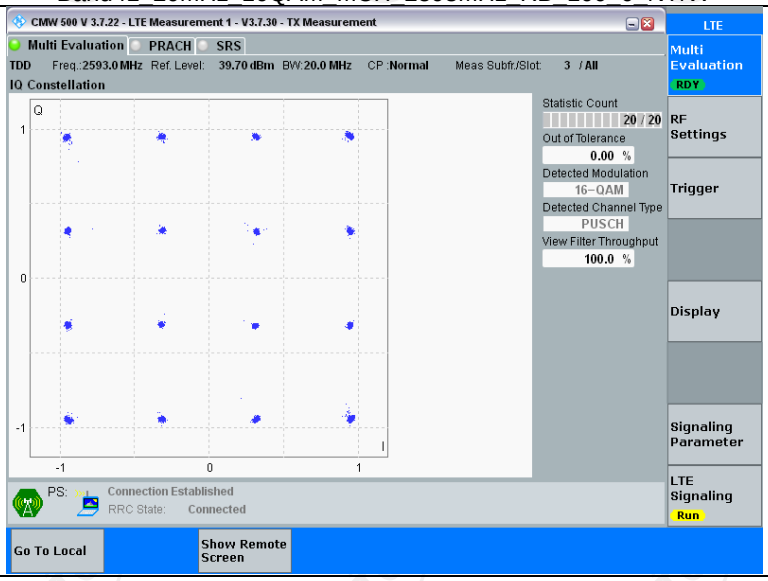
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV


3.2.4 B41_20MHz

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



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	4.572	/	Pass
		2593	25	0	4.558	/	Pass
		2687.5	25	0	4.581	/	Pass
	16QAM	2498.5	25	0	4.564	/	Pass
		2593	25	0	4.601	/	Pass
		2687.5	25	0	4.582	/	Pass
10	QPSK	2501	50	0	9.159	/	Pass
		2593	50	0	9.099	/	Pass
		2685	50	0	9.104	/	Pass
	16QAM	2501	50	0	9.072	/	Pass
		2593	50	0	9.087	/	Pass
		2685	50	0	9.109	/	Pass
15	QPSK	2503.5	75	0	13.608	/	Pass
		2593	75	0	13.619	/	Pass
		2682.5	75	0	13.723	/	Pass
	16QAM	2503.5	75	0	13.730	/	Pass
		2593	75	0	13.688	/	Pass
		2682.5	75	0	13.618	/	Pass
20	QPSK	2506	100	0	18.180	/	Pass
		2593	100	0	18.146	/	Pass
		2680	100	0	18.243	/	Pass
	16QAM	2506	100	0	18.174	/	Pass
		2593	100	0	18.203	/	Pass
		2680	100	0	18.194	/	Pass

4.1.2 Band41_XDB

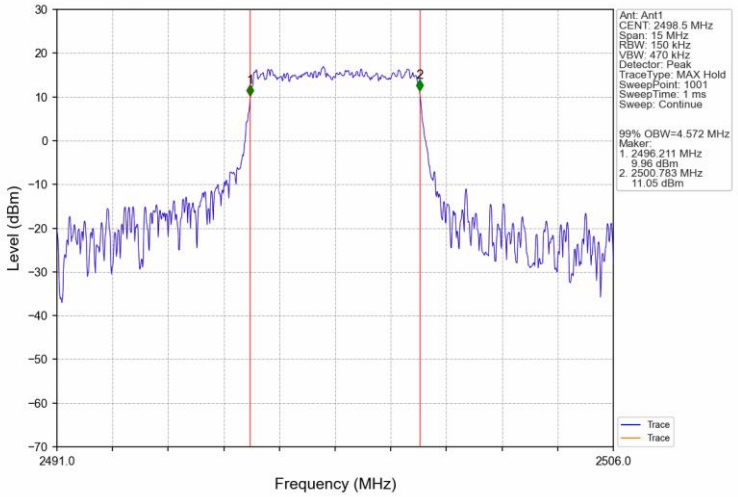
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.633	/	Pass
		2593	25	0	5.497	/	Pass
		2687.5	25	0	5.275	/	Pass
	16QAM	2498.5	25	0	5.242	/	Pass
		2593	25	0	5.734	/	Pass
		2687.5	25	0	5.719	/	Pass
10	QPSK	2501	50	0	11.870	/	Pass
		2593	50	0	11.128	/	Pass
		2685	50	0	10.586	/	Pass
	16QAM	2501	50	0	10.485	/	Pass
		2593	50	0	10.301	/	Pass
		2685	50	0	10.499	/	Pass
15	QPSK	2503.5	75	0	15.837	/	Pass
		2593	75	0	16.260	/	Pass
		2682.5	75	0	17.128	/	Pass

	16QAM	2503.5	75	0	17.929	/	Pass
		2593	75	0	15.502	/	Pass
		2682.5	75	0	17.383	/	Pass
20	QPSK	2506	100	0	20.307	/	Pass
		2593	100	0	24.101	/	Pass
		2680	100	0	22.371	/	Pass
	16QAM	2506	100	0	20.516	/	Pass
		2593	100	0	21.711	/	Pass
		2680	100	0	20.602	/	Pass

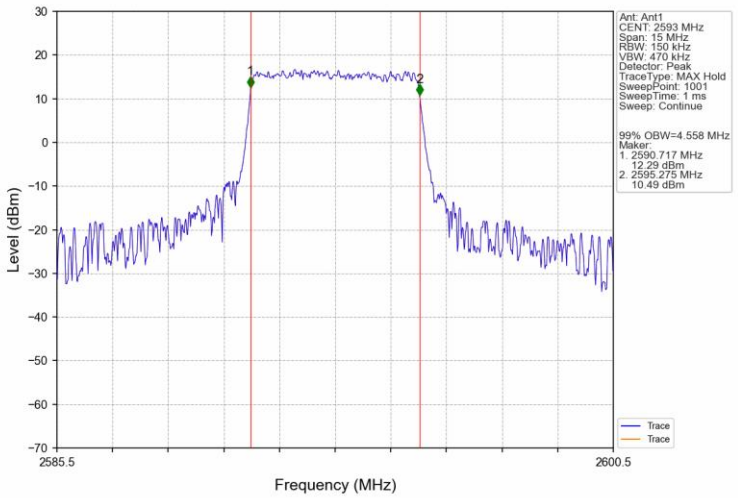
4.2 Test Graph

4.2.1 Band41_OBW

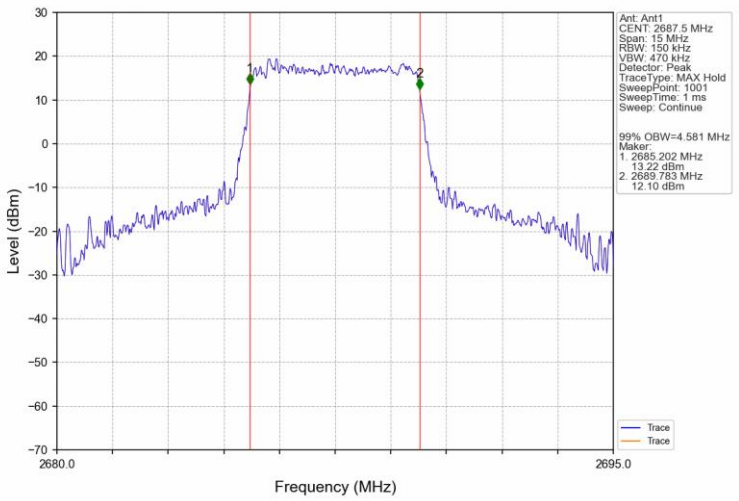
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



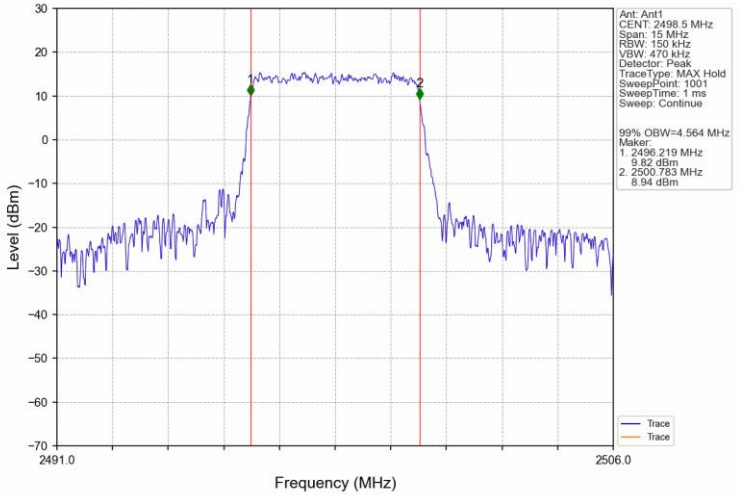
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



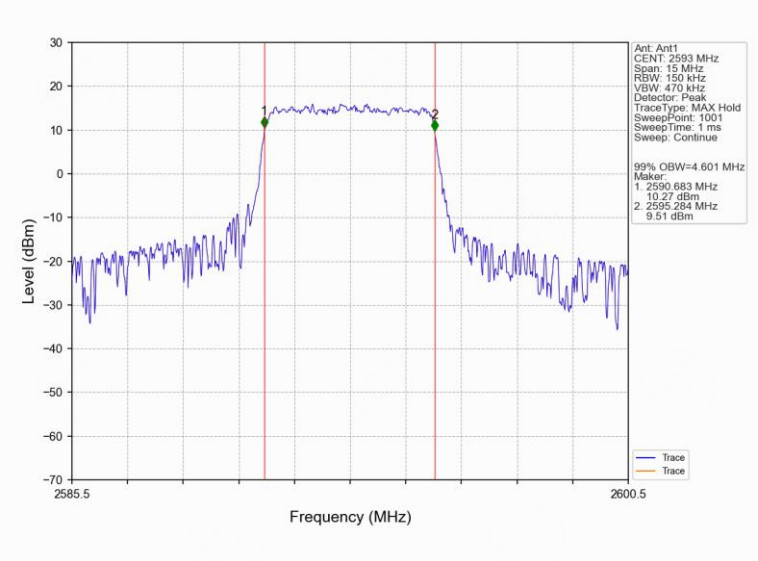
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



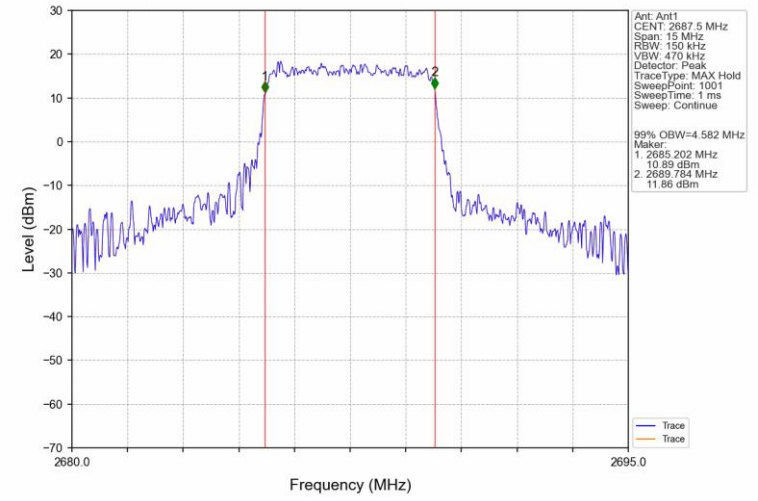
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



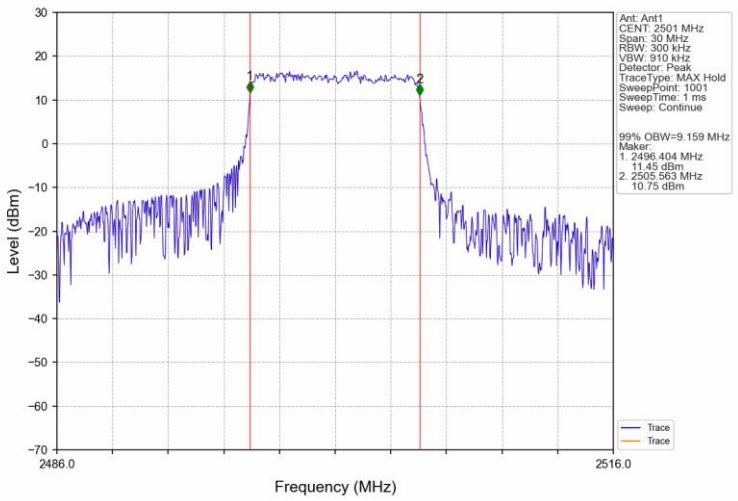
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



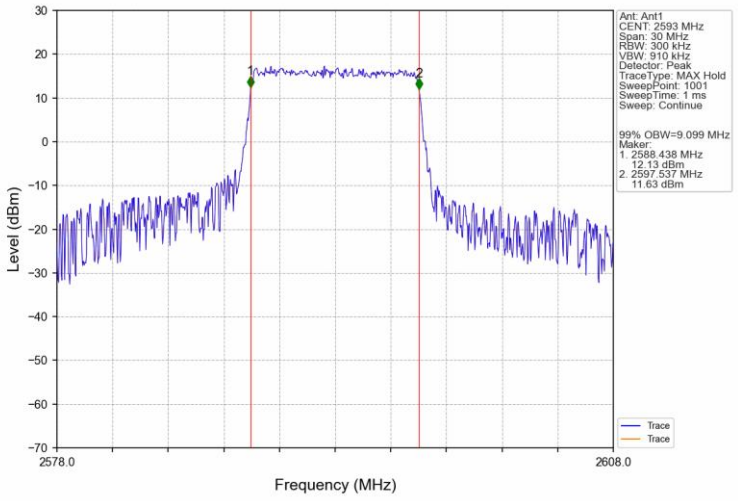
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



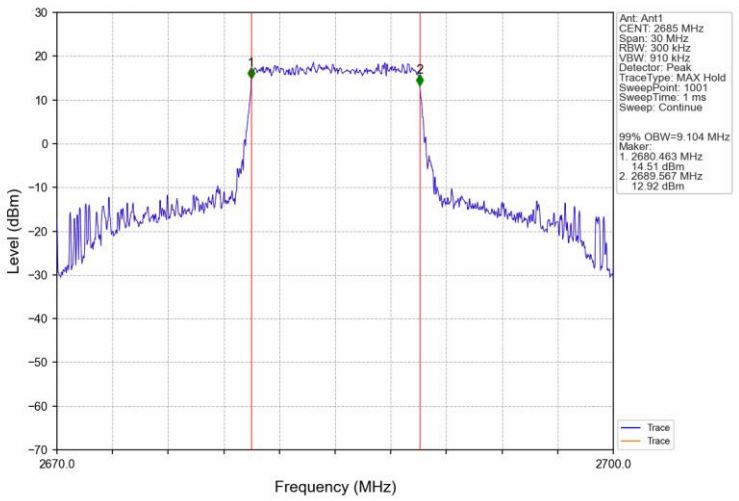
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



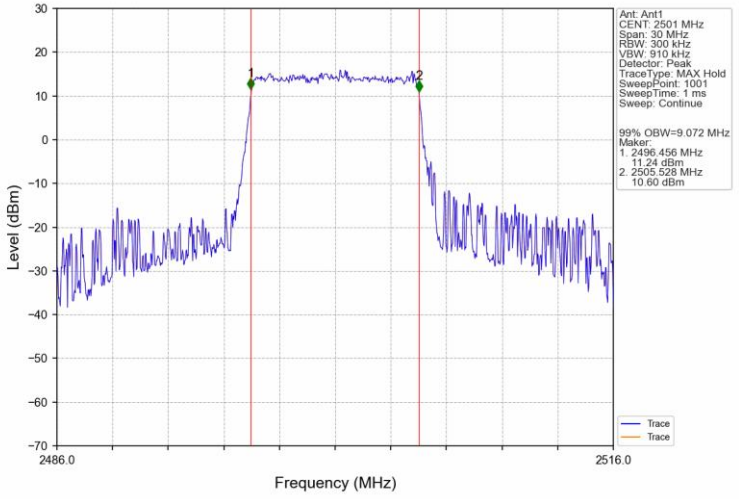
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



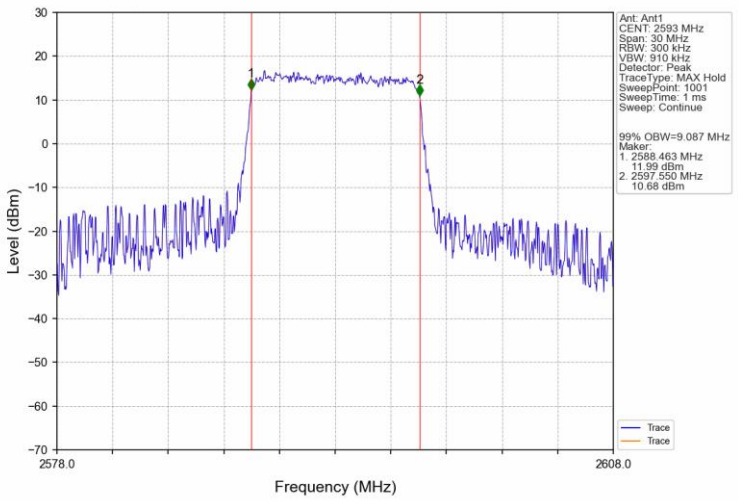
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



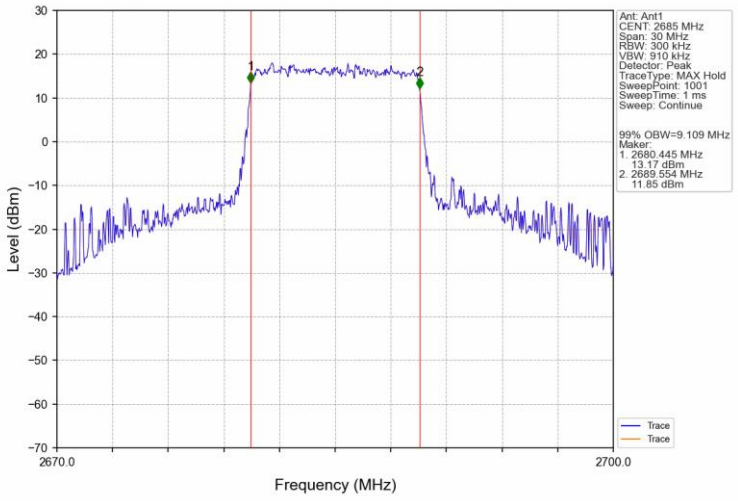
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



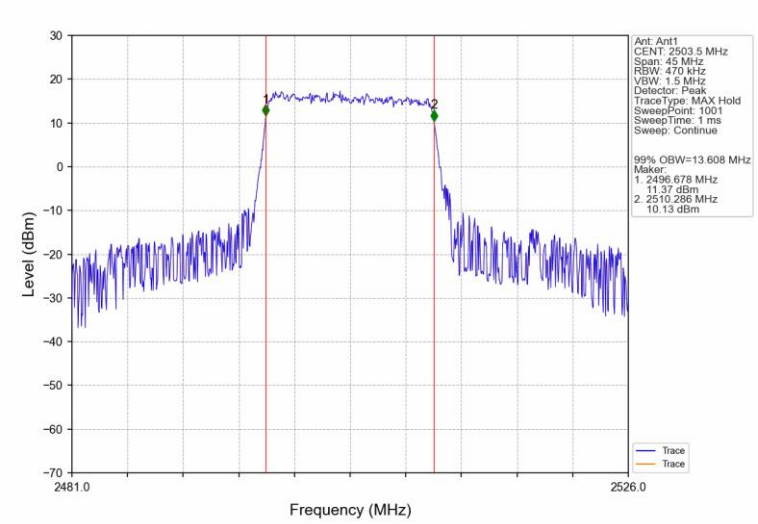
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



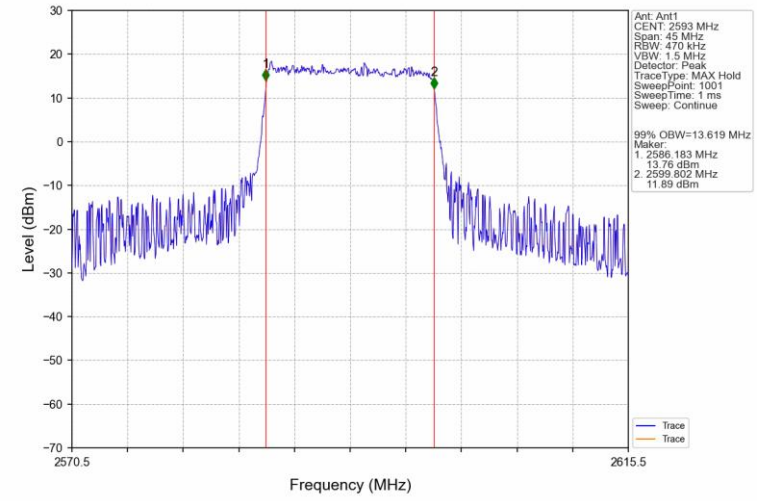
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



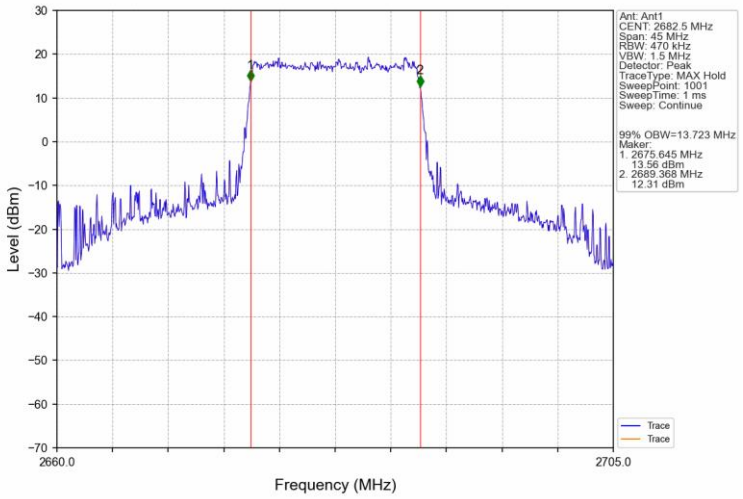
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



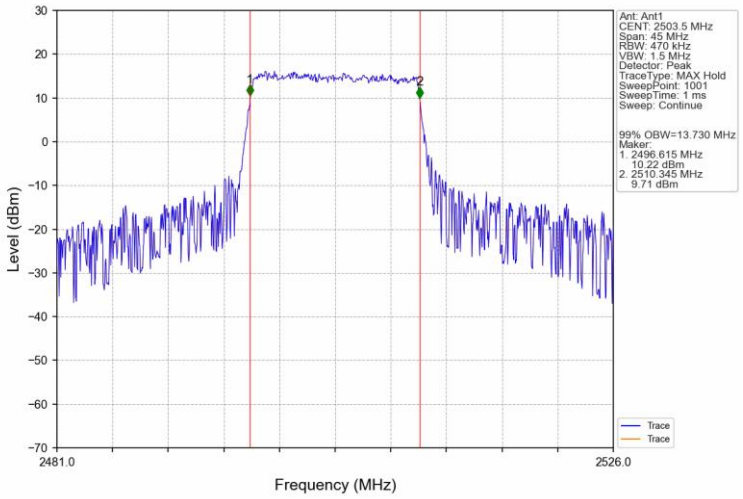
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



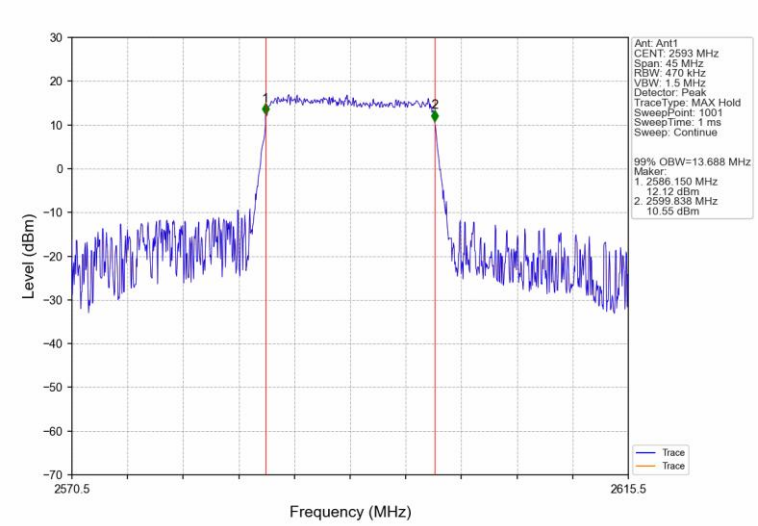
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



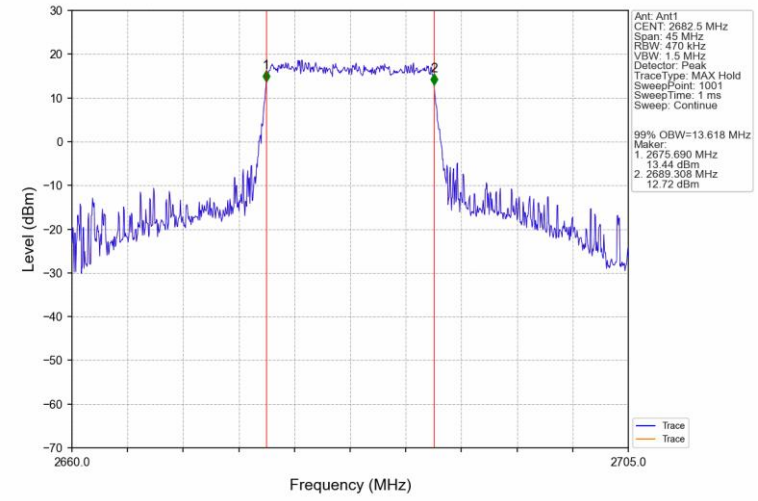
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



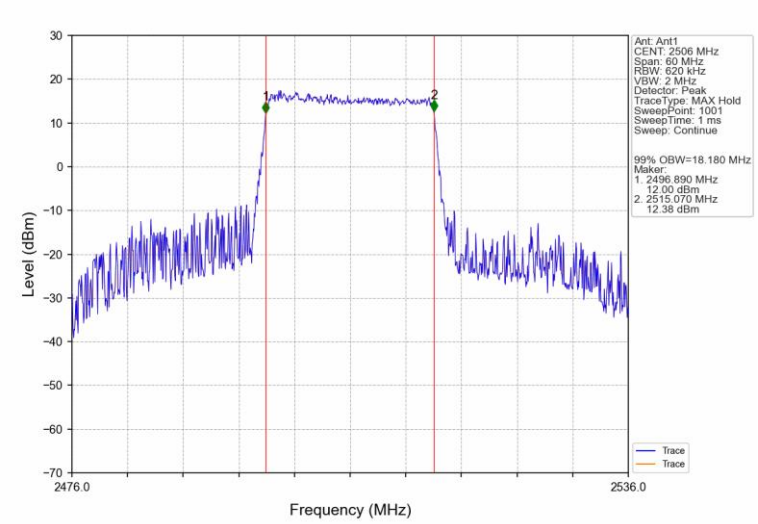
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



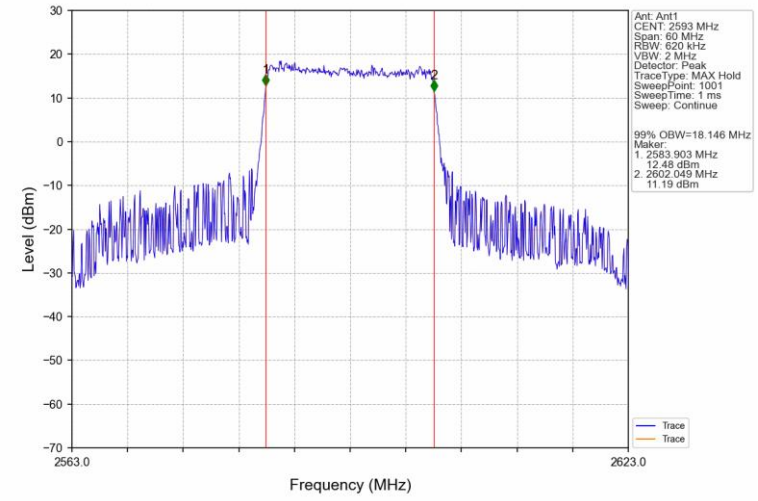
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



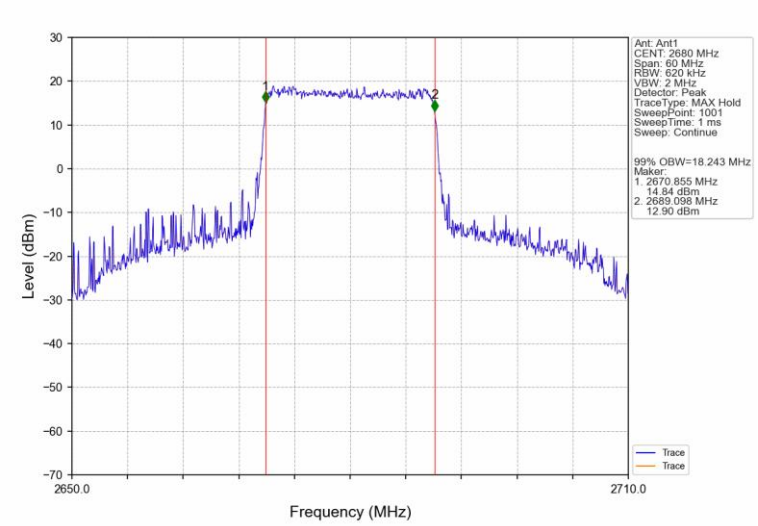
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



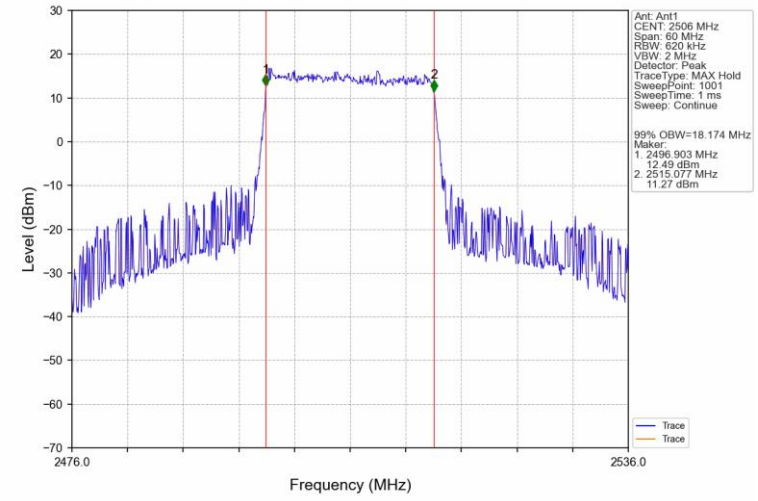
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



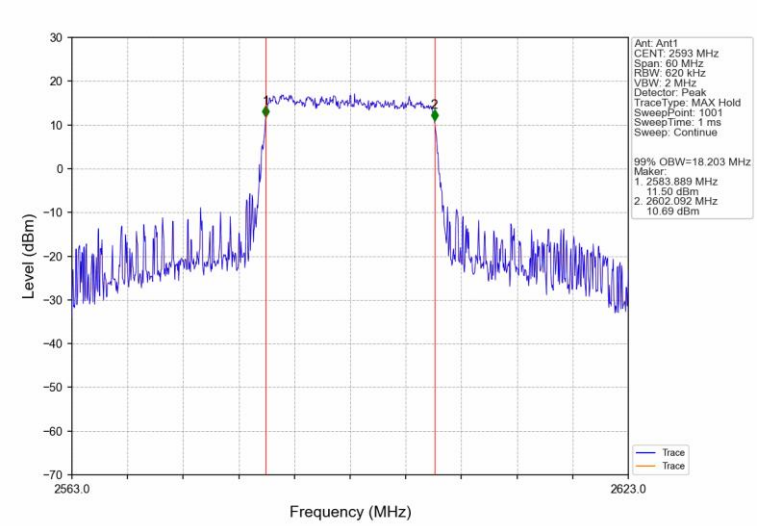
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



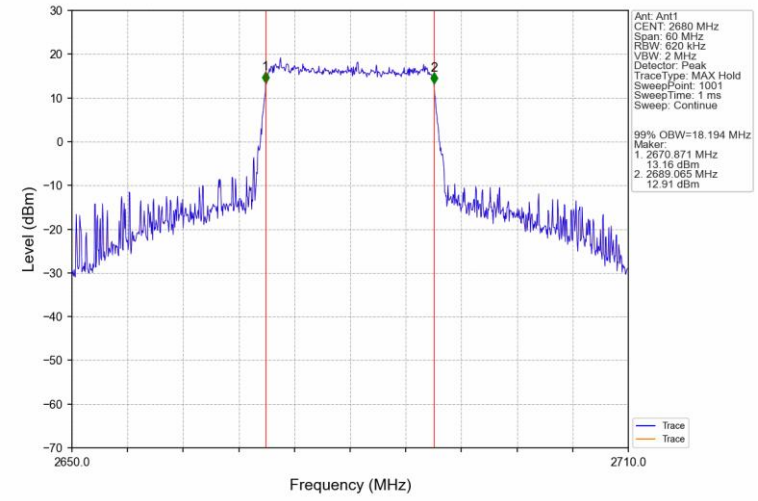
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

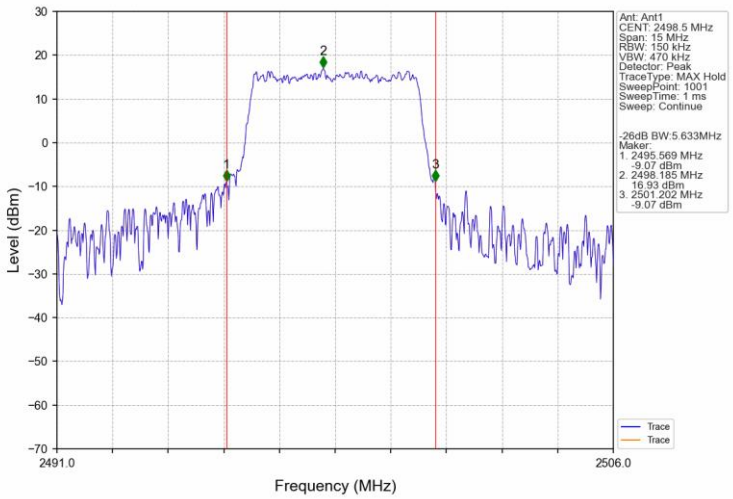


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

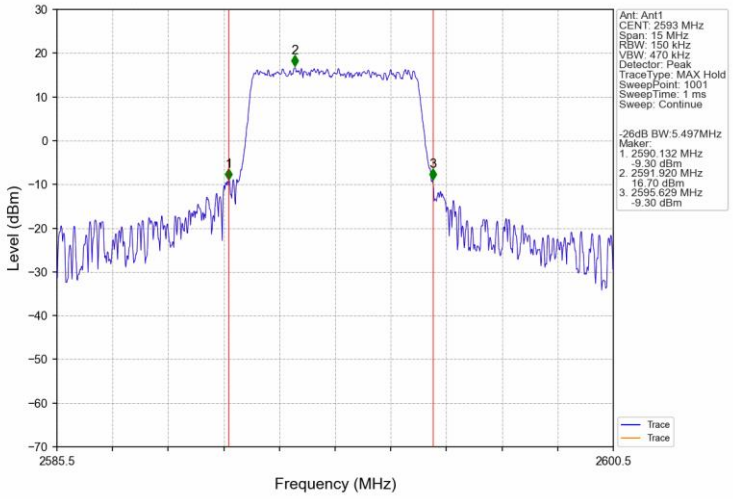


4.2.2 Band41_XDB

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



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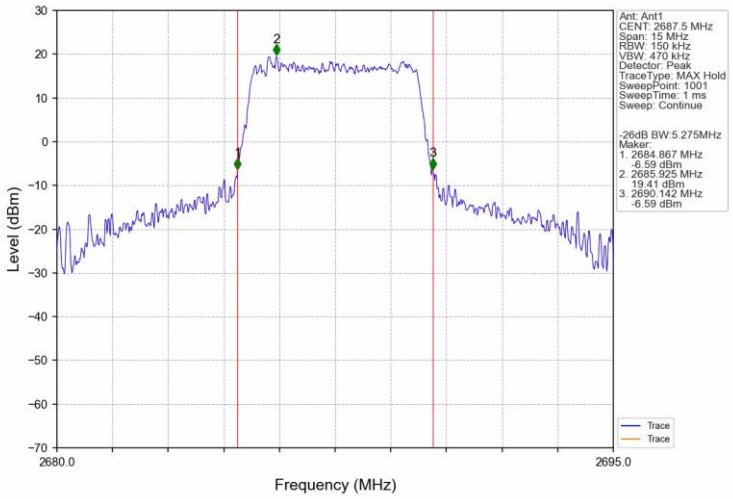
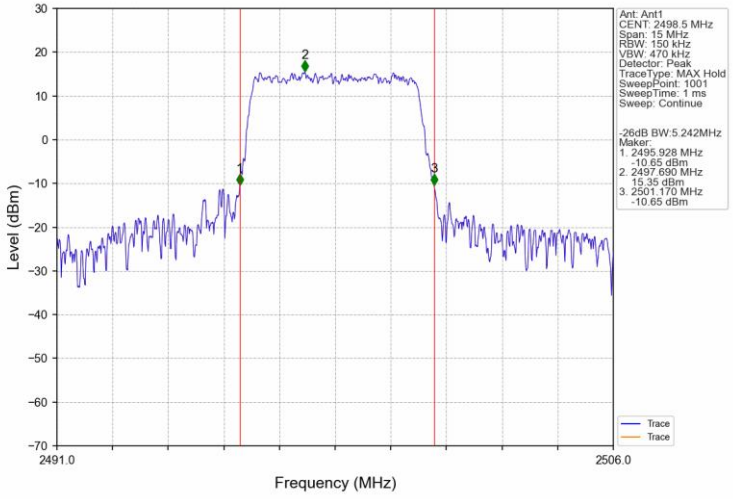
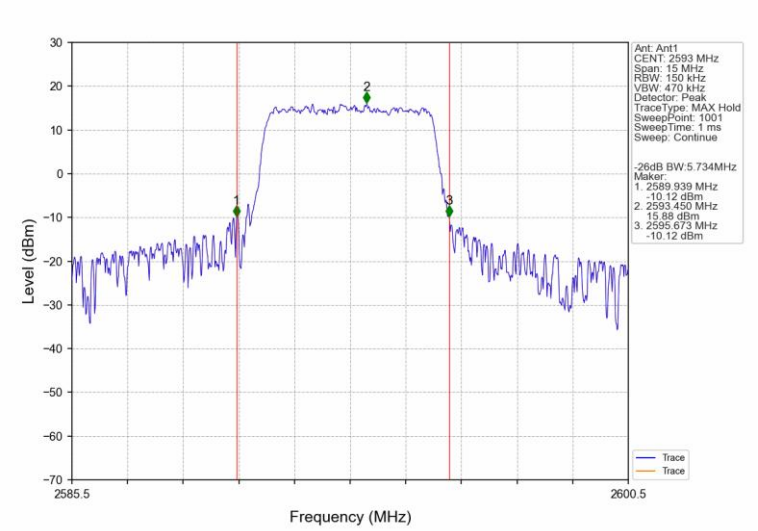
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



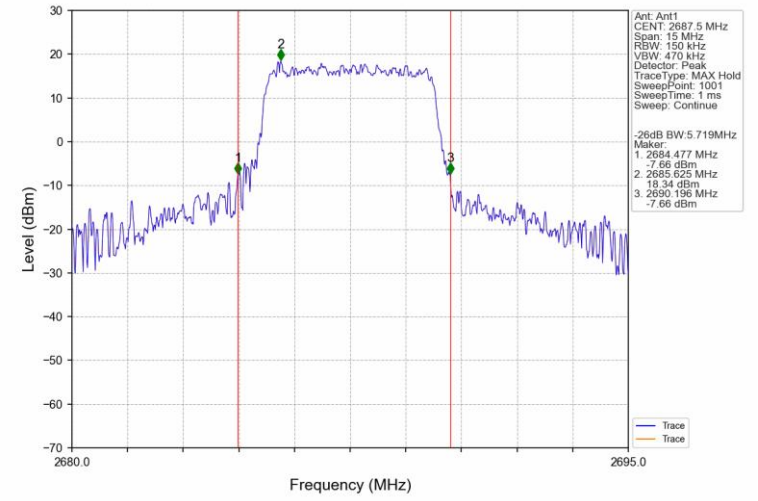
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



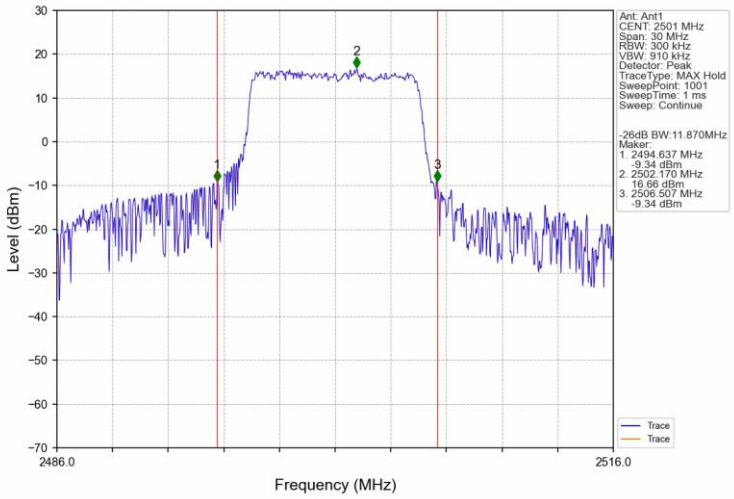
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



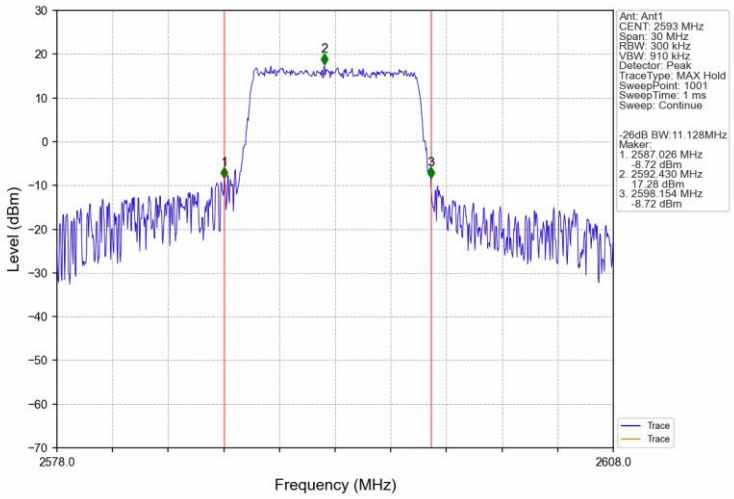
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



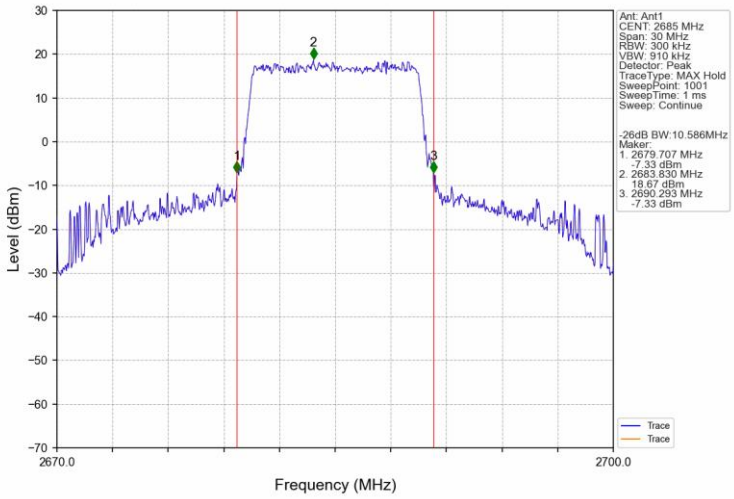
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



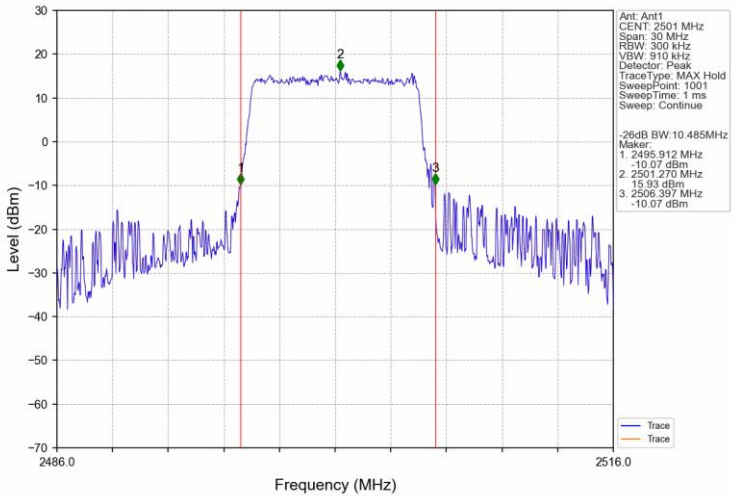
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



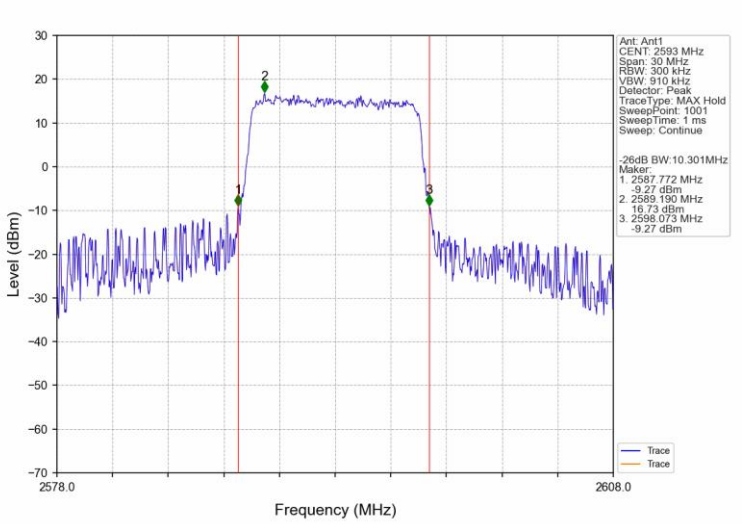
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



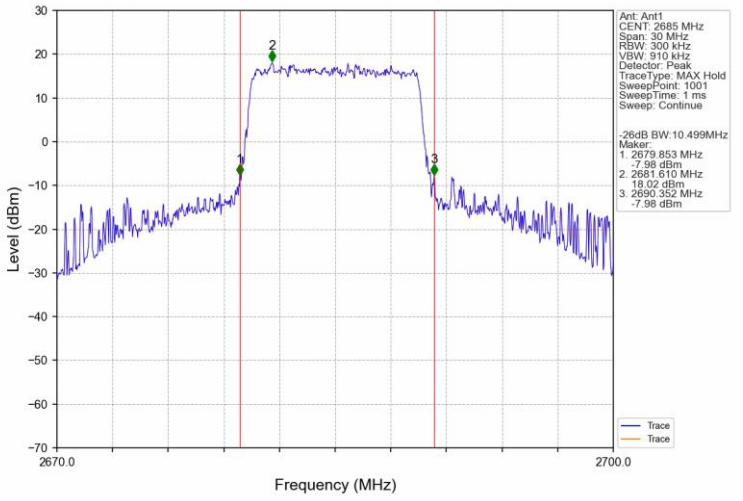
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



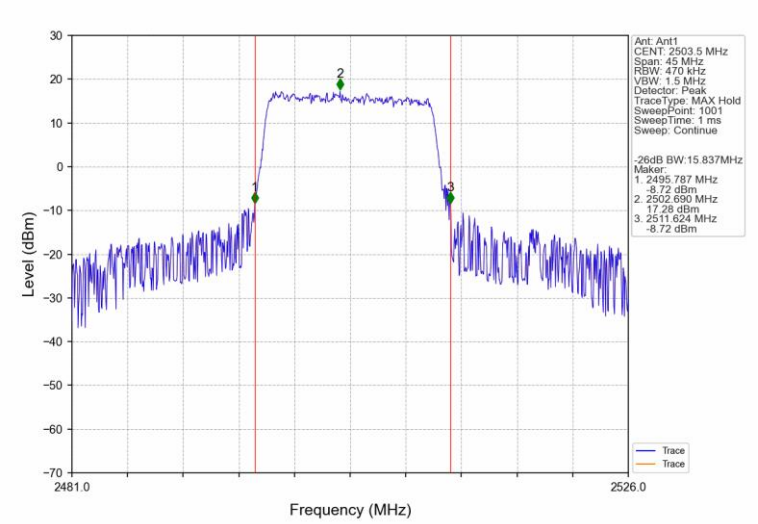
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



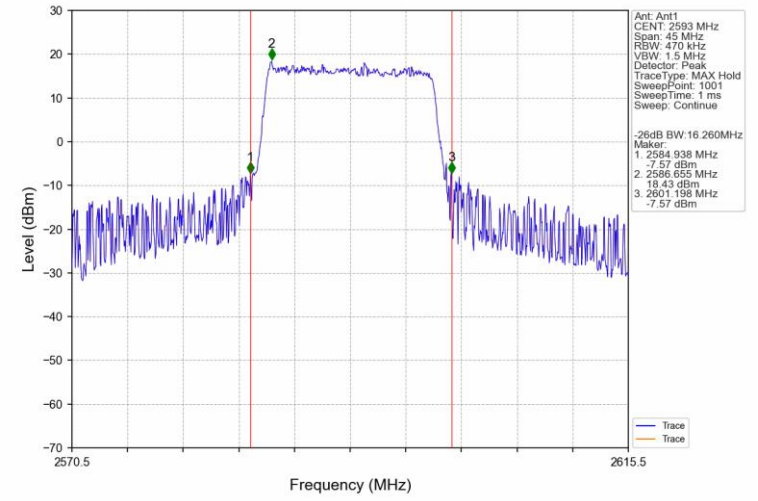
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



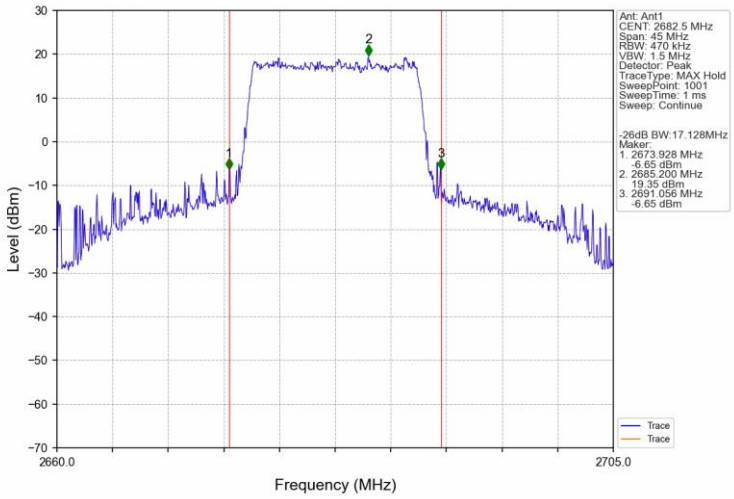
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



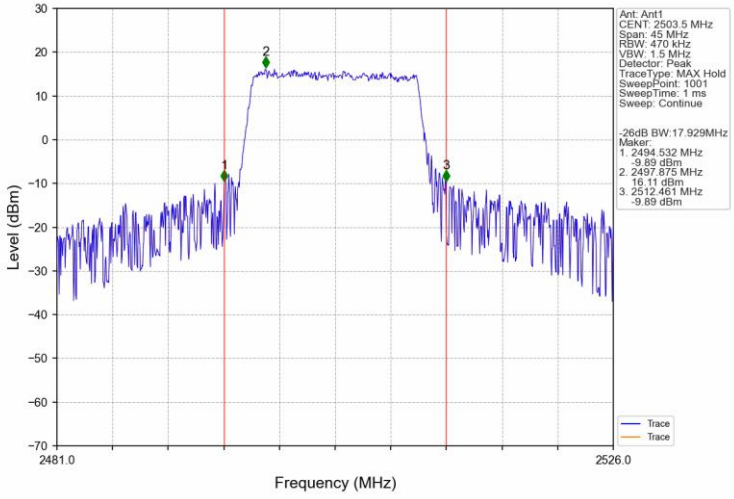
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



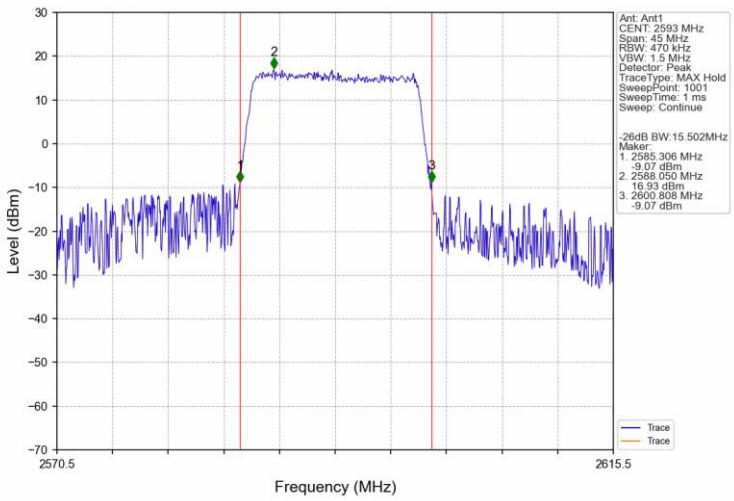
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



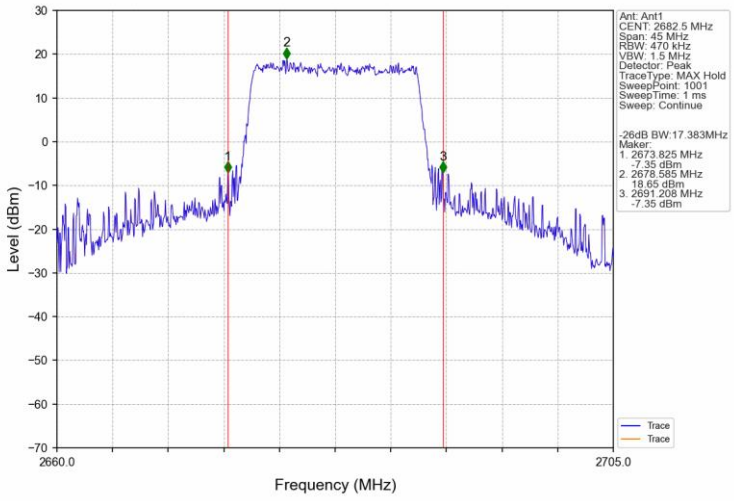
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



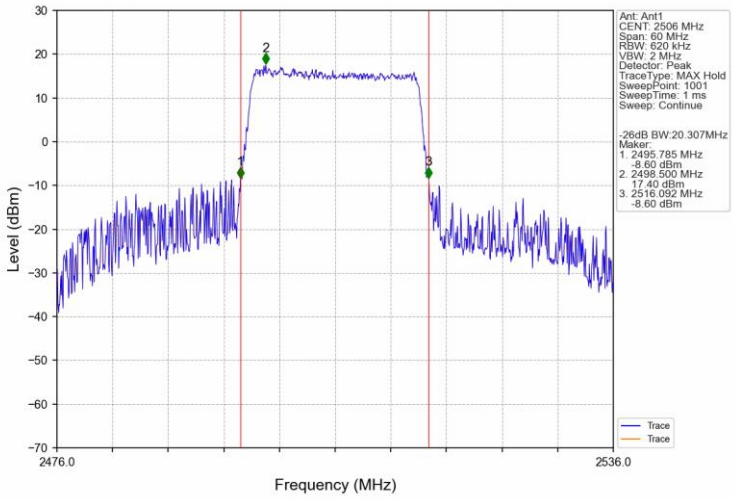
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



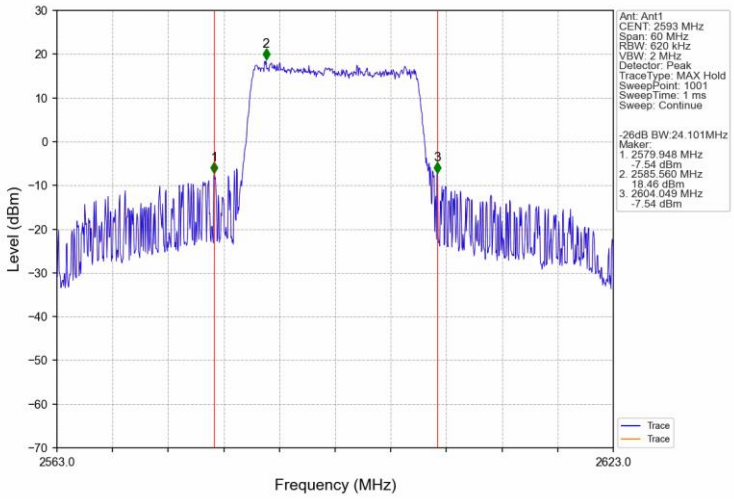
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



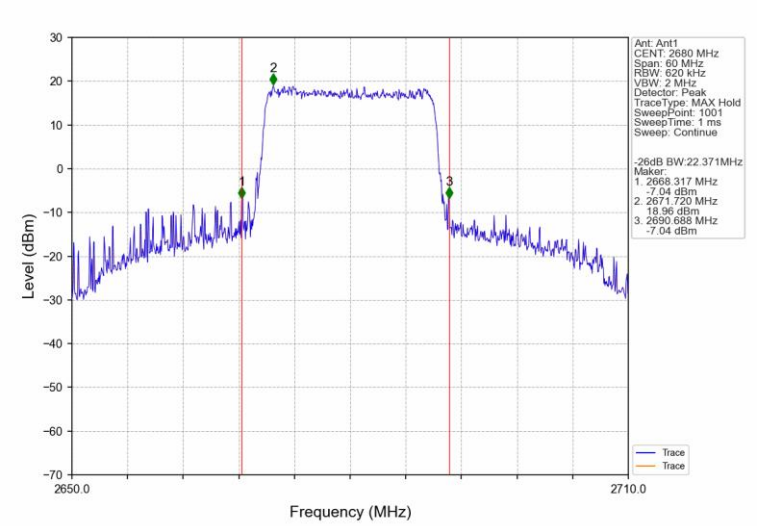
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



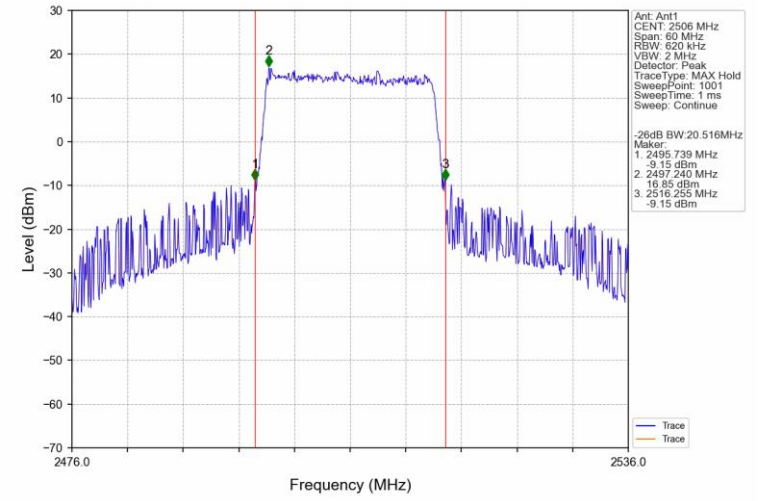
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



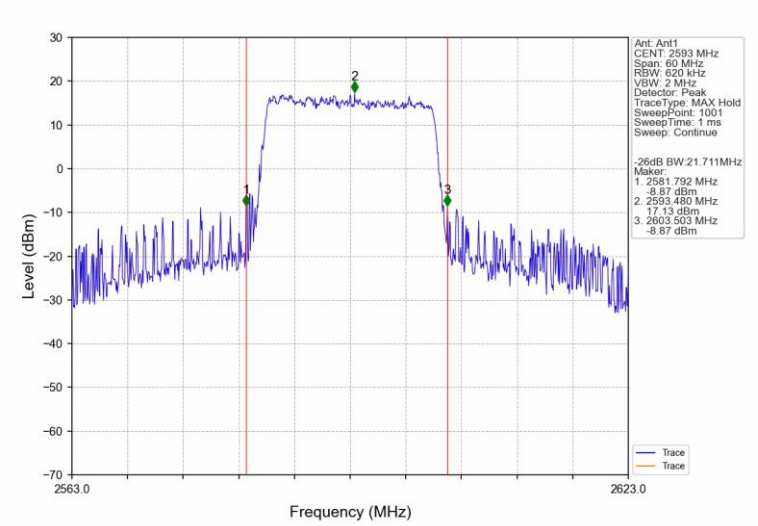
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



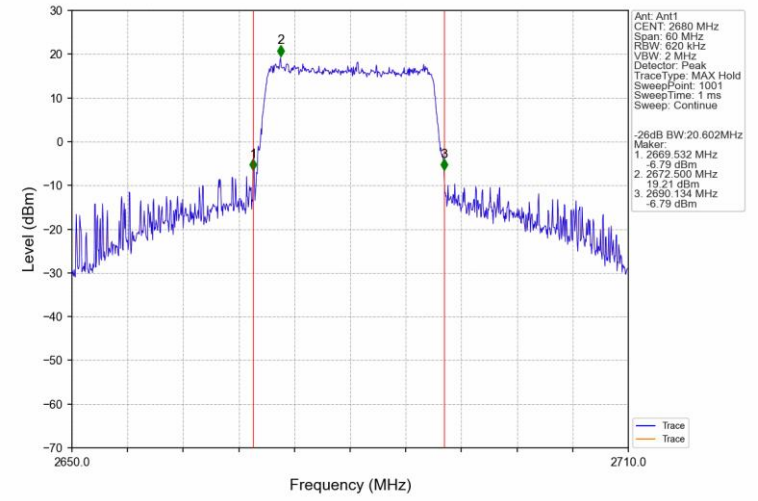
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



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	7.54	<=13	Pass
	2593	25	0	7.62	<=13	Pass
	2687.5	25	0	6.80	<=13	Pass
16QAM	2498.5	25	0	8.18	<=13	Pass
	2593	25	0	8.21	<=13	Pass
	2687.5	25	0	7.78	<=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	7.98	<=13	Pass
	2593	50	0	7.63	<=13	Pass
	2685	50	0	6.97	<=13	Pass
16QAM	2501	50	0	8.45	<=13	Pass
	2593	50	0	8.27	<=13	Pass
	2685	50	0	7.97	<=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	6.90	<=13	Pass
	2593	75	0	6.92	<=13	Pass
	2682.5	75	0	7.15	<=13	Pass
16QAM	2503.5	75	0	8.47	<=13	Pass
	2593	75	0	8.26	<=13	Pass
	2682.5	75	0	8.43	<=13	Pass

5.1.4 B41_20MHz

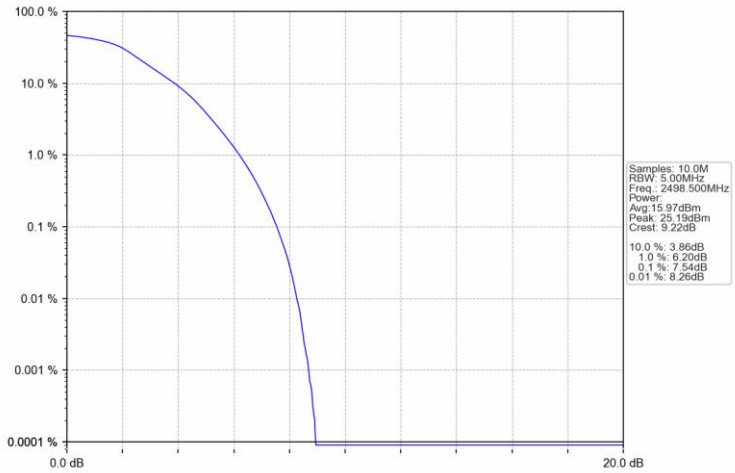
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.00	<=13	Pass
	2593	100	0	7.35	<=13	Pass
	2680	100	0	8.11	<=13	Pass
16QAM	2506	100	0	8.95	<=13	Pass
	2593	100	0	8.83	<=13	Pass

	2680	100	0	8.70	<=13	Pass

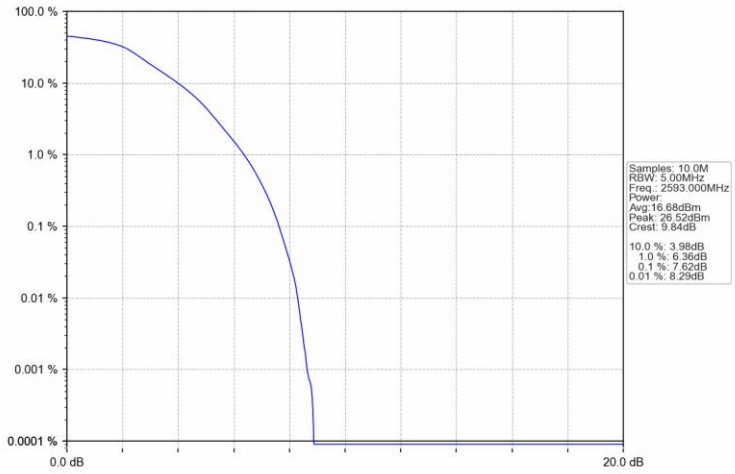
5.2 Test Graph

5.2.1 B41_5MHz

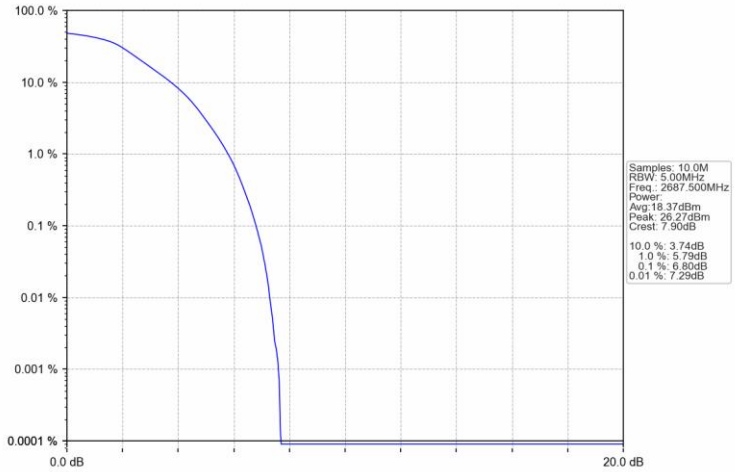
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



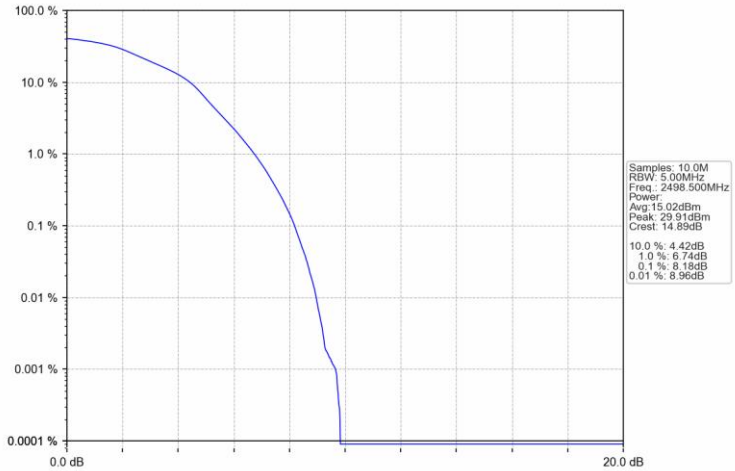
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV

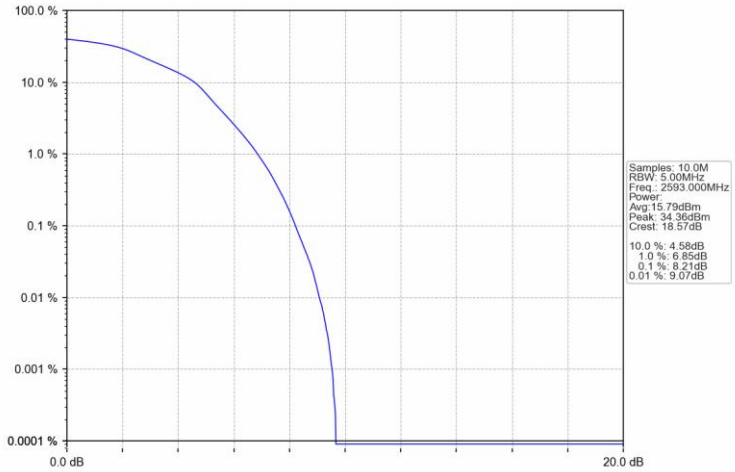
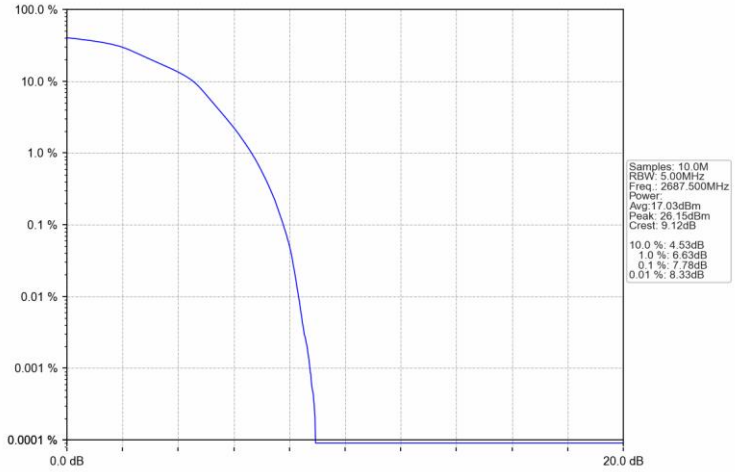


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



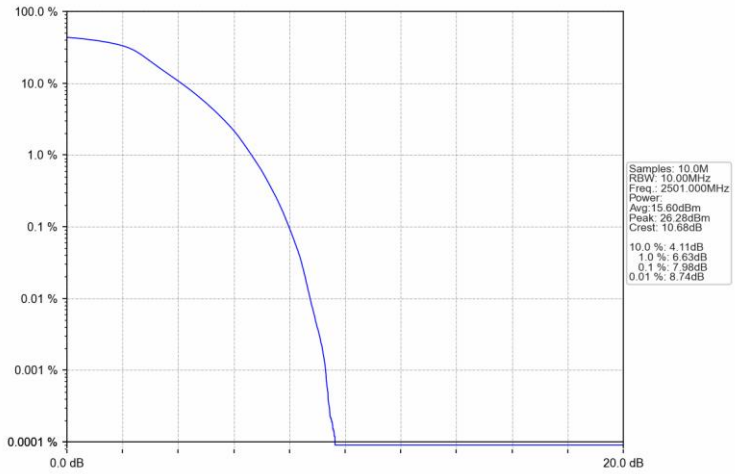
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



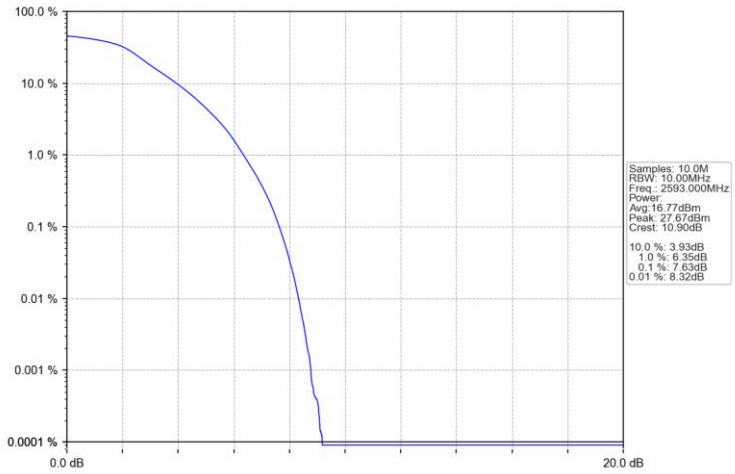
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV


5.2.2 B41_10MHz

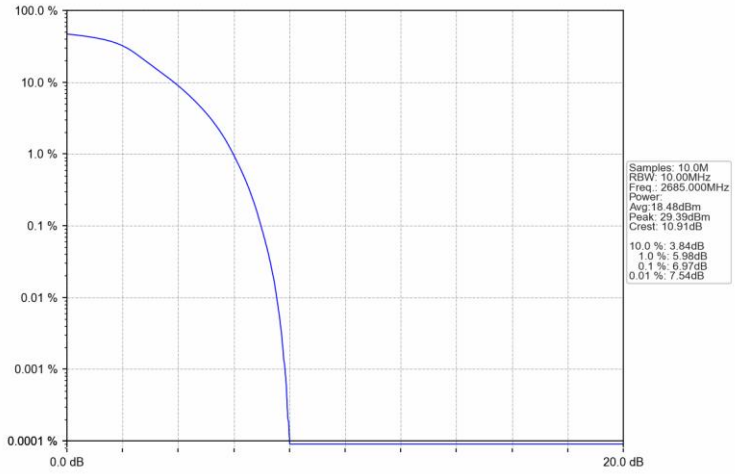
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



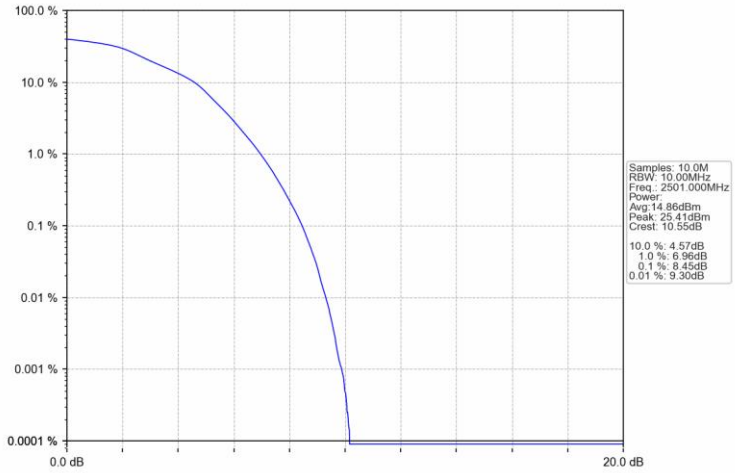
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



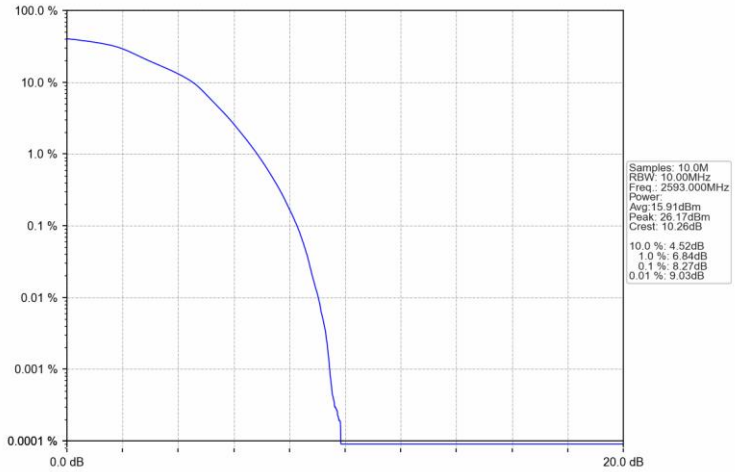
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



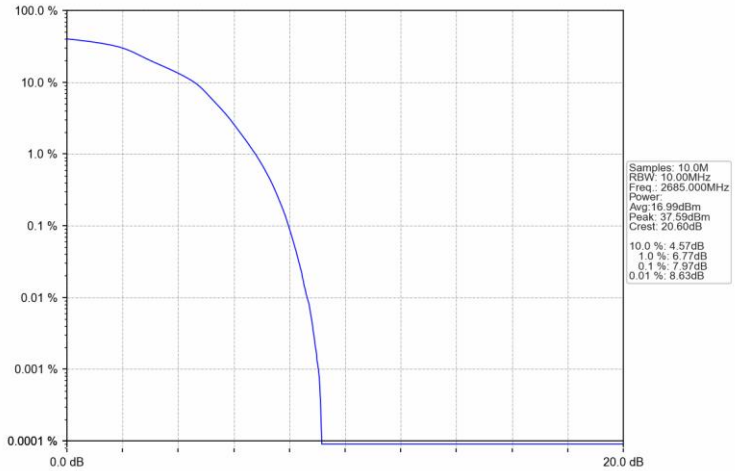
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

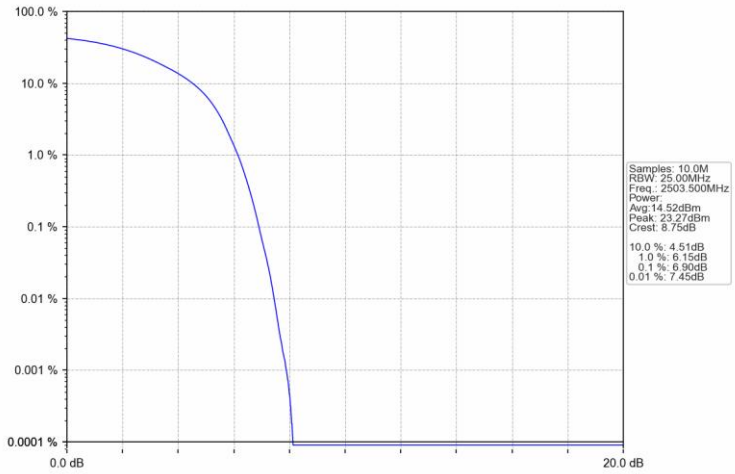


Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

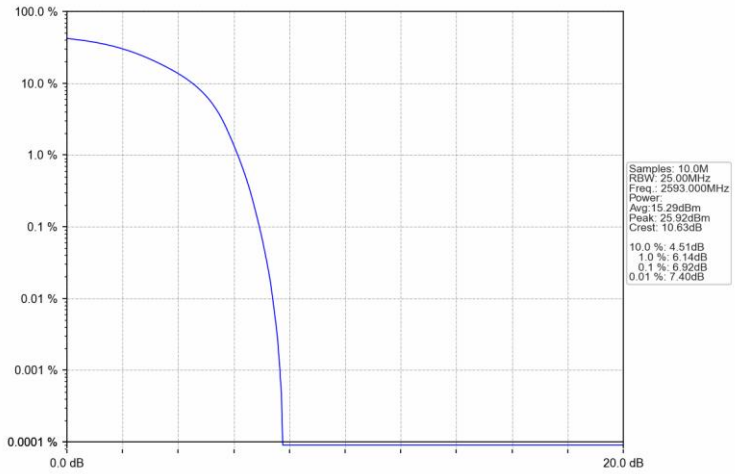


5.2.3 B41_15MHz

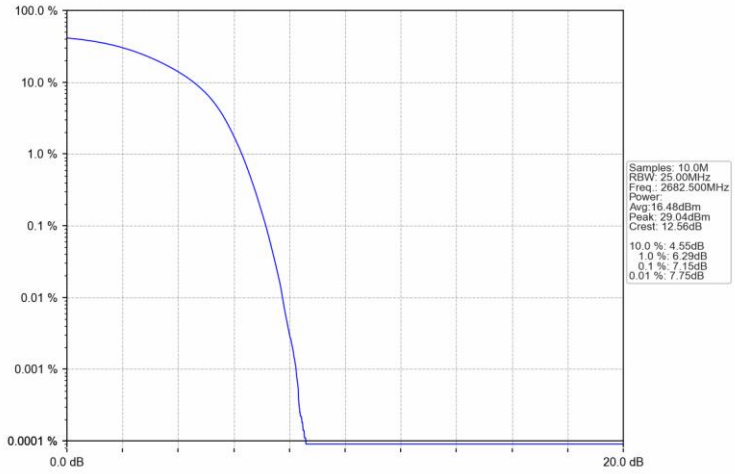
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



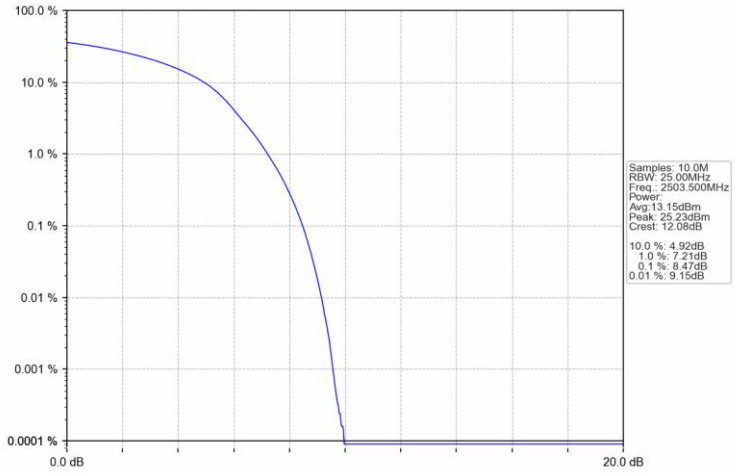
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

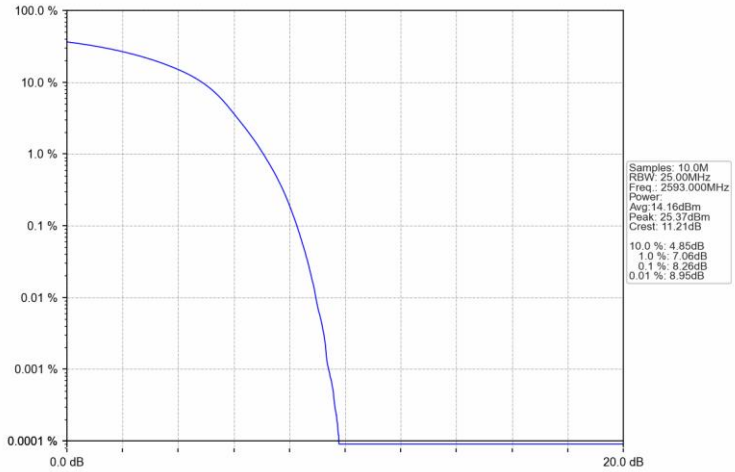
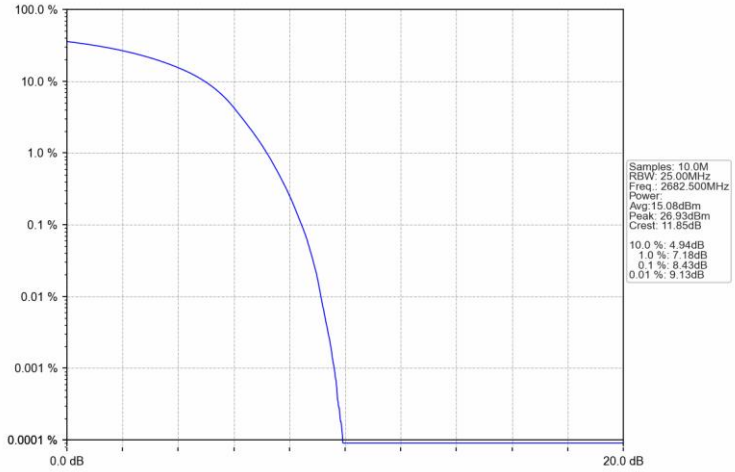


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



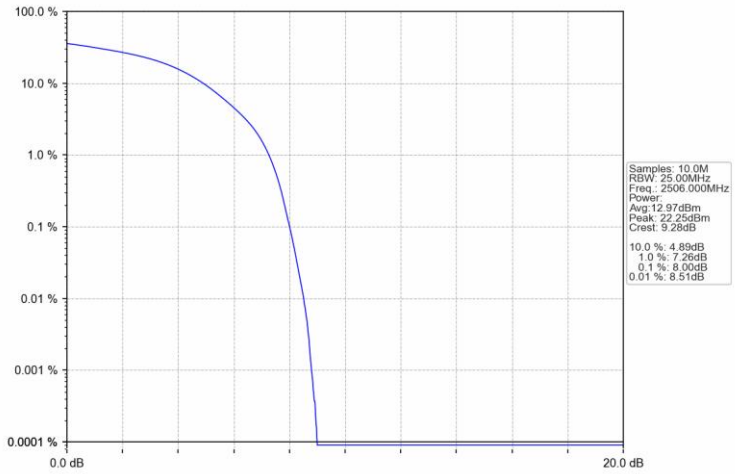
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



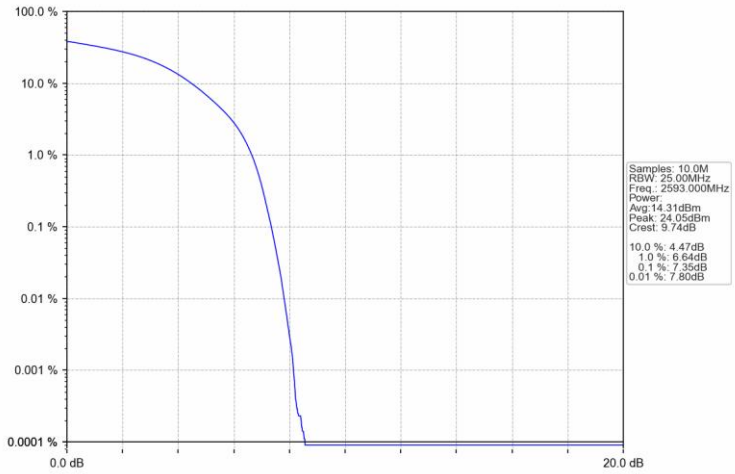
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV


5.2.4 B41_20MHz

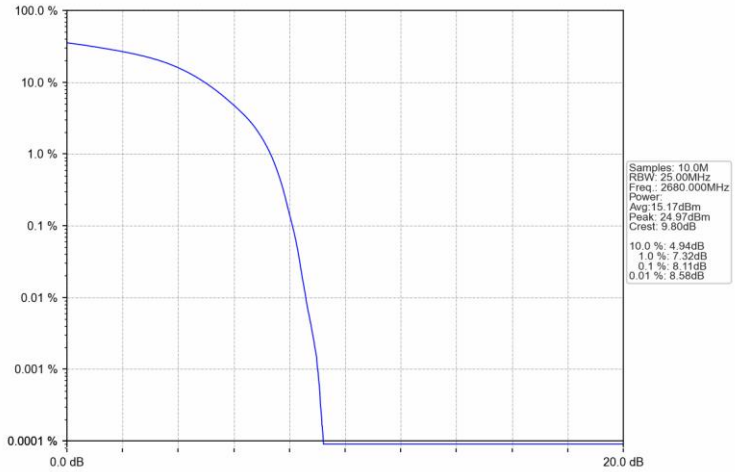
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



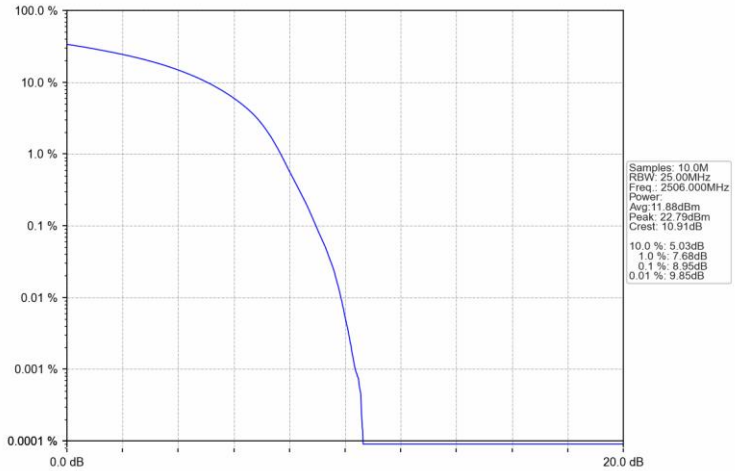
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



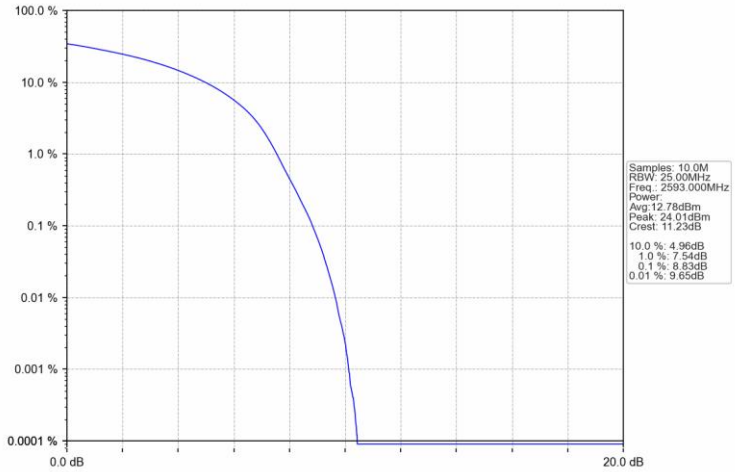
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



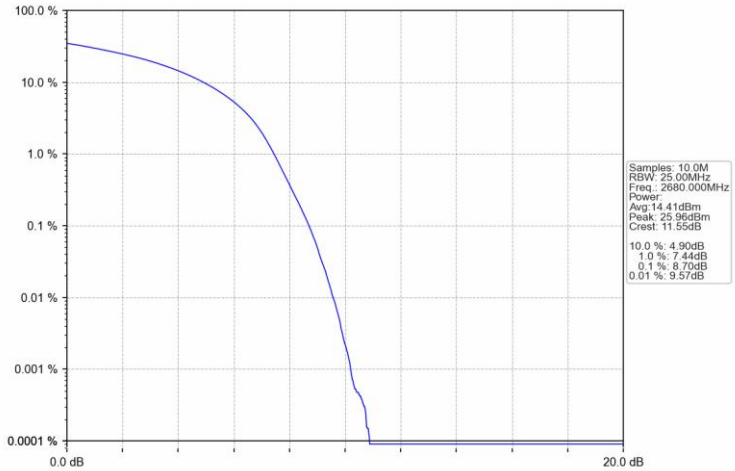
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



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
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

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
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	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
	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
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

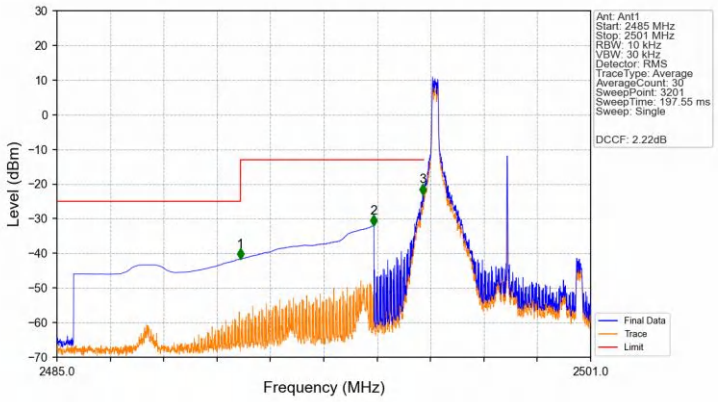
6.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
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

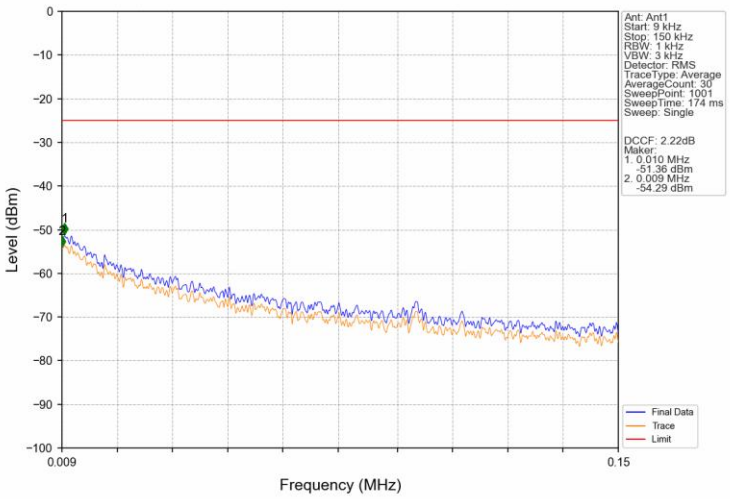
6.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

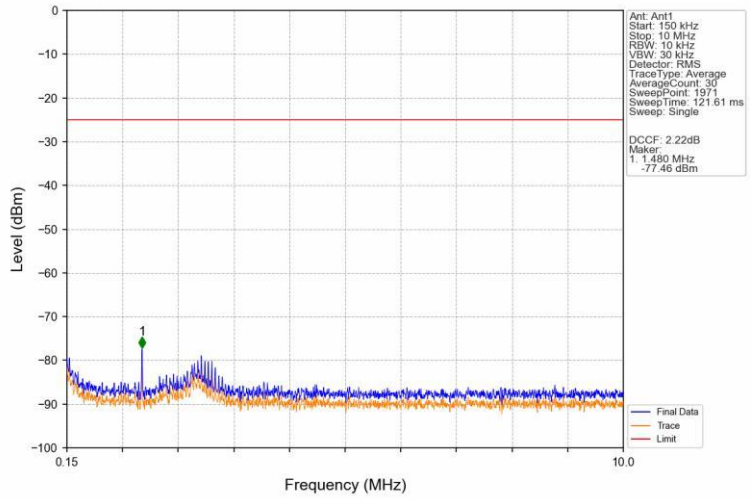


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-41.63	-25	Pass
2490.5	2495	1	CHP	2	2494.495	-32.04	-13	Pass
2495	2496	0.01	/	3	2495.975	-23.04	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

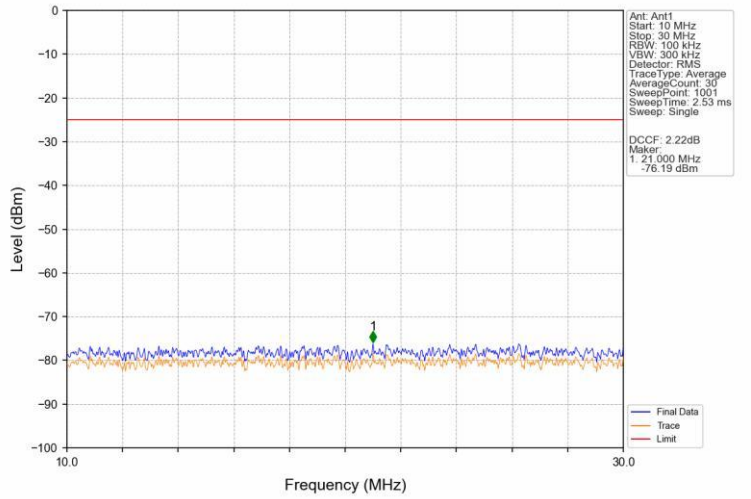
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



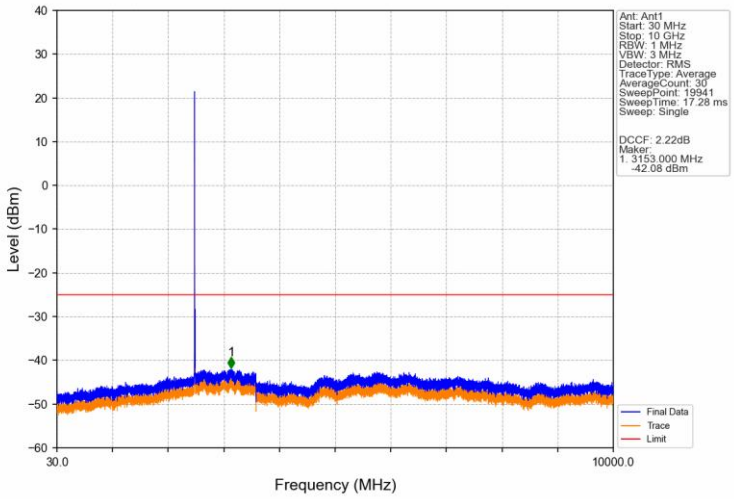
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



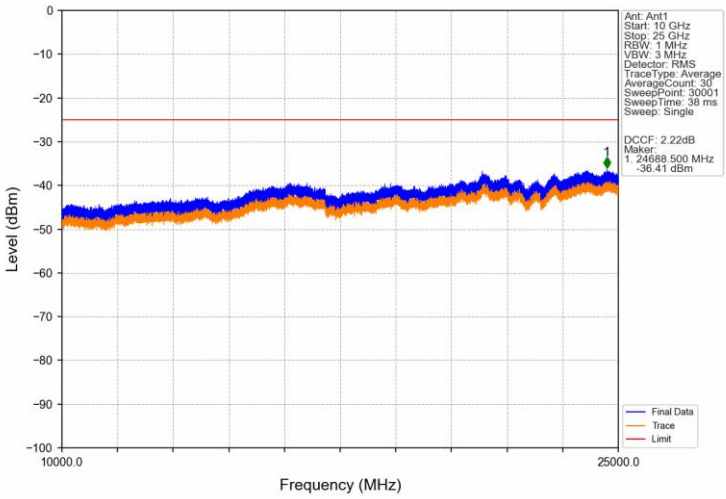
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



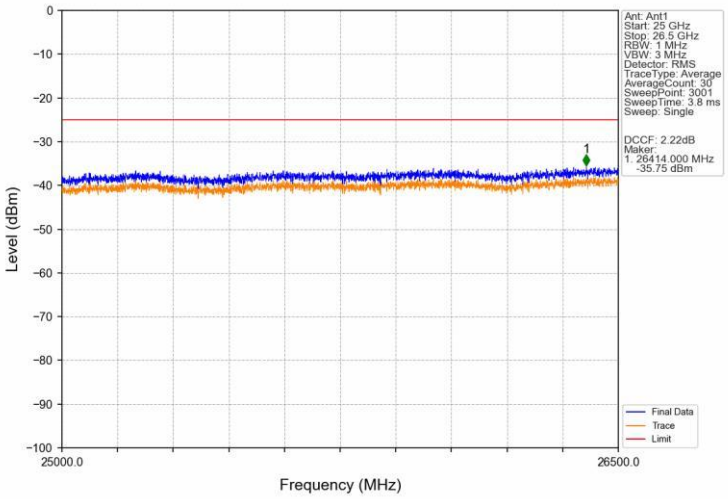
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



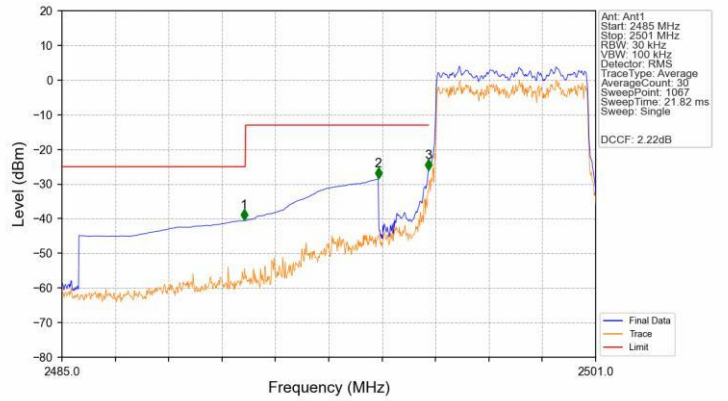
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

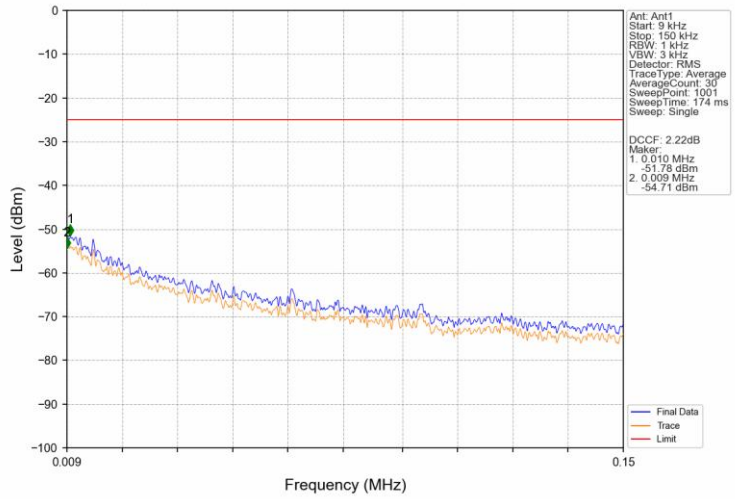


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

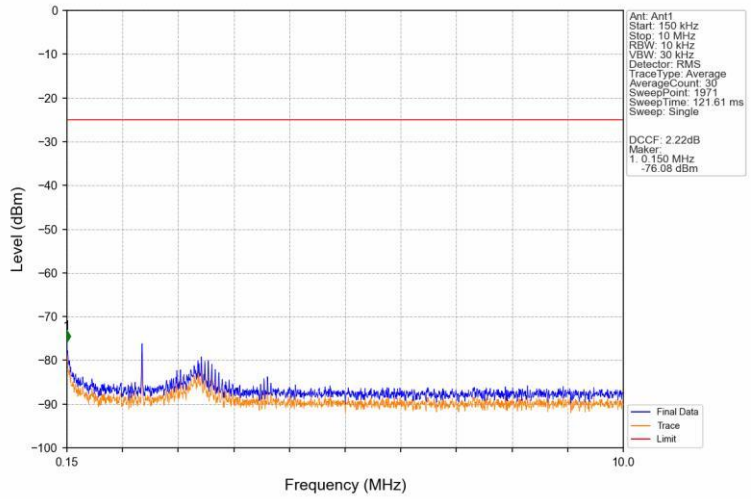


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.463	-40.50	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-28.47	-13	Pass
2495	2496	0.056	CHP	3	2495.987	-26.02	-13	Pass
2496	2501	0.056	CHP	/	/	/	/	/

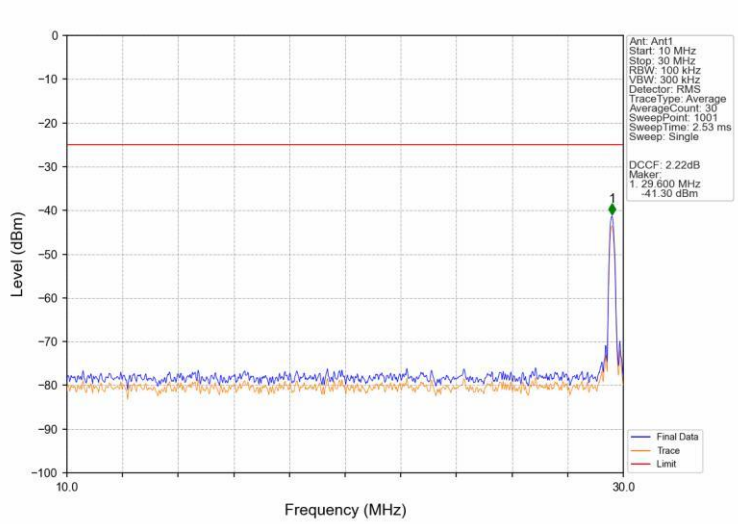
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



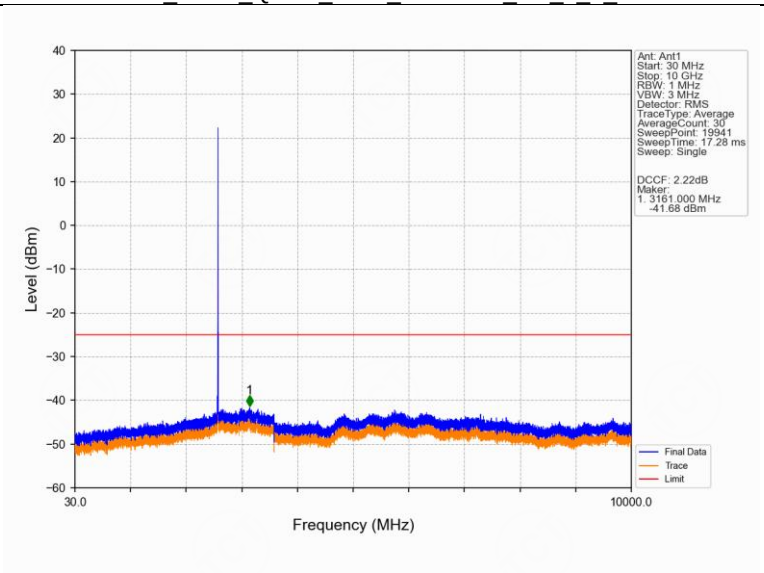
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



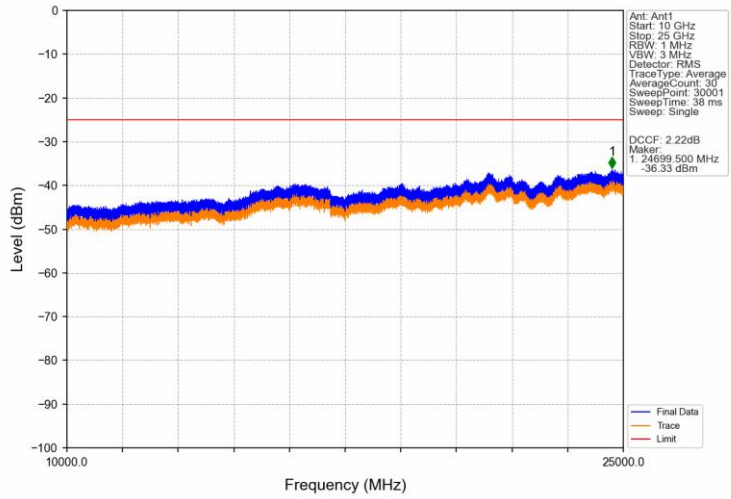
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



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