Appendix Test Data for LTE_band_41

1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

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	22.57	1.40	23.97	<=33.01	Pass
			13	22.51	1.40	23.91	<=33.01	Pass
			24	22.62	1.40	24.02	<=33.01	Pass
		12	0	21.48	1.40	22.88	<=33.01	Pass
			6	21.56	1.40	22.96	<=33.01	Pass
			13	21.53	1.40	22.93	<=33.01	Pass
		25	0	21.41	1.40	22.81	<=33.01	Pass
	2593	1	0	21.77	1.40	23.17	<=33.01	Pass
			13	21.74	1.40	23.14	<=33.01	Pass
			24	21.92	1.40	23.32	<=33.01	Pass
		12	0	20.80	1.40	22.20	<=33.01	Pass
			6	20.76	1.40	22.16	<=33.01	Pass
			13	21.03	1.40	22.43	<=33.01	Pass
		25	0	20.64	1.40	22.04	<=33.01	Pass
	2687.5	1	0	21.97	1.40	23.37	<=33.01	Pass
			13	22.07	1.40	23.47	<=33.01	Pass
			24	22.02	1.40	23.42	<=33.01	Pass
		12	0	21.01	1.40	22.41	<=33.01	Pass
			6	21.01	1.40	22.41	<=33.01	Pass
			13	20.96	1.40	22.36	<=33.01	Pass
		25	0	21.03	1.40	22.43	<=33.01	Pass
16QAM	2498.5	1	0	21.45	1.40	22.85	<=33.01	Pass
			13	21.34	1.40	22.74	<=33.01	Pass
			24	21.43	1.40	22.83	<=33.01	Pass
		12	0	20.47	1.40	21.87	<=33.01	Pass
			6	20.38	1.40	21.78	<=33.01	Pass
			13	20.45	1.40	21.85	<=33.01	Pass
		25	0	20.43	1.40	21.83	<=33.01	Pass
	2593	1	0	21.84	1.40	23.24	<=33.01	Pass
			13	21.46	1.40	22.86	<=33.01	Pass
			24	21.93	1.40	23.33	<=33.01	Pass
		12	0	19.74	1.40	21.14	<=33.01	Pass
			6	19.82	1.40	21.22	<=33.01	Pass
			13	19.82	1.40	21.22	<=33.01	Pass
		25	0	19.86	1.40	21.26	<=33.01	Pass
	2687.5	1	0	21.04	1.40	22.44	<=33.01	Pass
			13	20.99	1.40	22.39	<=33.01	Pass
			24	21.04	1.40	22.44	<=33.01	Pass
		12	0	19.97	1.40	21.37	<=33.01	Pass
			6	20.01	1.40	21.41	<=33.01	Pass
			13	19.94	1.40	21.34	<=33.01	Pass
		25	0	20.11	1.40	21.51	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B41_10MHz_EIRP

1.2.1 Test Result

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	22.62	1.40	24.02	<=33.01	Pass
			25	22.50	1.40	23.90	<=33.01	Pass
			49	22.58	1.40	23.98	<=33.01	Pass
		25	0	21.56	1.40	22.96	<=33.01	Pass
			13	21.52	1.40	22.92	<=33.01	Pass
			25	21.55	1.40	22.95	<=33.01	Pass
		50	0	21.52	1.40	22.92	<=33.01	Pass
	2593	1	0	21.90	1.40	23.30	<=33.01	Pass
			25	21.67	1.40	23.07	<=33.01	Pass
			49	21.78	1.40	23.18	<=33.01	Pass
		25	0	20.98	1.40	22.38	<=33.01	Pass
			13	20.84	1.40	22.24	<=33.01	Pass
			25	20.81	1.40	22.21	<=33.01	Pass
		50	0	20.88	1.40	22.28	<=33.01	Pass
	2685	1	0	22.08	1.40	23.48	<=33.01	Pass
			25	22.07	1.40	23.47	<=33.01	Pass
			49	22.05	1.40	23.45	<=33.01	Pass
		25	0	20.94	1.40	22.34	<=33.01	Pass
			13	20.78	1.40	22.18	<=33.01	Pass
			25	20.89	1.40	22.29	<=33.01	Pass
		50	0	20.99	1.40	22.39	<=33.01	Pass
16QAM	2501	1	0	21.38	1.40	22.78	<=33.01	Pass
			25	21.62	1.40	23.02	<=33.01	Pass
			49	21.65	1.40	23.05	<=33.01	Pass
		25	0	20.54	1.40	21.94	<=33.01	Pass
			13	20.54	1.40	21.94	<=33.01	Pass
			25	20.57	1.40	21.97	<=33.01	Pass
		50	0	20.67	1.40	22.07	<=33.01	Pass
	2593	1	0	21.04	1.40	22.44	<=33.01	Pass
			25	20.62	1.40	22.02	<=33.01	Pass
			49	20.72	1.40	22.12	<=33.01	Pass
		25	0	20.14	1.40	21.54	<=33.01	Pass
			13	20.11	1.40	21.51	<=33.01	Pass
			25	20.17	1.40	21.57	<=33.01	Pass
		50	0	19.73	1.40	21.13	<=33.01	Pass
	2685	1	0	21.74	1.40	23.14	<=33.01	Pass
			25	21.85	1.40	23.25	<=33.01	Pass
			49	21.81	1.40	23.21	<=33.01	Pass
		25	0	20.09	1.40	21.49	<=33.01	Pass
			13	20.06	1.40	21.46	<=33.01	Pass
			25	20.13	1.40	21.53	<=33.01	Pass
		50	0	20.21	1.40	21.61	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B41_15MHz_EIRP

1.3.1 Test Result

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	22.54	1.40	23.94	<=33.01	Pass
			38	22.46	1.40	23.86	<=33.01	Pass
			74	22.47	1.40	23.87	<=33.01	Pass
		36	0	21.43	1.40	22.83	<=33.01	Pass
			18	21.43	1.40	22.83	<=33.01	Pass
			39	21.26	1.40	22.66	<=33.01	Pass
		75	0	21.47	1.40	22.87	<=33.01	Pass
	2593	1	0	22.06	1.40	23.46	<=33.01	Pass
			38	21.78	1.40	23.18	<=33.01	Pass
			74	21.67	1.40	23.07	<=33.01	Pass
		36	0	20.91	1.40	22.31	<=33.01	Pass
			18	20.70	1.40	22.10	<=33.01	Pass
			39	20.83	1.40	22.23	<=33.01	Pass
		75	0	20.74	1.40	22.14	<=33.01	Pass
	2682.5	1	0	21.92	1.40	23.32	<=33.01	Pass
			38	21.93	1.40	23.33	<=33.01	Pass
			74	22.02	1.40	23.42	<=33.01	Pass
		36	0	20.86	1.40	22.26	<=33.01	Pass
			18	20.81	1.40	22.21	<=33.01	Pass
			39	20.87	1.40	22.27	<=33.01	Pass
		75	0	20.84	1.40	22.24	<=33.01	Pass
16QAM	2503.5	1	0	21.63	1.40	23.03	<=33.01	Pass
			38	21.63	1.40	23.03	<=33.01	Pass
			74	21.63	1.40	23.03	<=33.01	Pass
		36	0	20.46	1.40	21.86	<=33.01	Pass
			18	20.54	1.40	21.94	<=33.01	Pass
			39	20.42	1.40	21.82	<=33.01	Pass
		75	0	20.59	1.40	21.99	<=33.01	Pass
	2593	1	0	20.99	1.40	22.39	<=33.01	Pass
			38	20.65	1.40	22.05	<=33.01	Pass
			74	20.71	1.40	22.11	<=33.01	Pass
		36	0	19.95	1.40	21.35	<=33.01	Pass
			18	19.97	1.40	21.37	<=33.01	Pass
			39	19.89	1.40	21.29	<=33.01	Pass
		75	0	19.88	1.40	21.28	<=33.01	Pass
	2682.5	1	0	21.78	1.40	23.18	<=33.01	Pass
			38	21.79	1.40	23.19	<=33.01	Pass
			74	21.86	1.40	23.26	<=33.01	Pass
		36	0	19.87	1.40	21.27	<=33.01	Pass
			18	19.97	1.40	21.37	<=33.01	Pass
			39	19.99	1.40	21.39	<=33.01	Pass
		75	0	20.06	1.40	21.46	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B41_20MHz_EIRP

1.4.1 Test Result

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	22.57	1.40	23.97	<=33.01	Pass
			50	22.49	1.40	23.89	<=33.01	Pass
			99	22.39	1.40	23.79	<=33.01	Pass
		50	0	21.44	1.40	22.84	<=33.01	Pass
			25	21.38	1.40	22.78	<=33.01	Pass
			50	21.31	1.40	22.71	<=33.01	Pass
		100	0	21.40	1.40	22.80	<=33.01	Pass
	2593	1	0	22.10	1.40	23.50	<=33.01	Pass
			50	21.82	1.40	23.22	<=33.01	Pass
			99	21.89	1.40	23.29	<=33.01	Pass
		50	0	20.86	1.40	22.26	<=33.01	Pass
			25	20.64	1.40	22.04	<=33.01	Pass
			50	20.76	1.40	22.16	<=33.01	Pass
		100	0	20.81	1.40	22.21	<=33.01	Pass
	2680	1	0	21.85	1.40	23.25	<=33.01	Pass
			50	21.87	1.40	23.27	<=33.01	Pass
			99	21.86	1.40	23.26	<=33.01	Pass
		50	0	20.87	1.40	22.27	<=33.01	Pass
			25	20.85	1.40	22.25	<=33.01	Pass
			50	20.96	1.40	22.36	<=33.01	Pass
		100	0	20.83	1.40	22.23	<=33.01	Pass
16QAM	2506	1	0	22.11	1.40	23.51	<=33.01	Pass
			50	22.14	1.40	23.54	<=33.01	Pass
			99	22.23	1.40	23.63	<=33.01	Pass
		50	0	20.63	1.40	22.03	<=33.01	Pass
			25	20.70	1.40	22.10	<=33.01	Pass
			50	20.60	1.40	22.00	<=33.01	Pass
		100	0	20.58	1.40	21.98	<=33.01	Pass
	2593	1	0	22.00	1.40	23.40	<=33.01	Pass
			50	21.65	1.40	23.05	<=33.01	Pass
			99	21.01	1.40	22.41	<=33.01	Pass
		50	0	20.18	1.40	21.58	<=33.01	Pass
			25	20.01	1.40	21.41	<=33.01	Pass
			50	19.93	1.40	21.33	<=33.01	Pass
		100	0	19.83	1.40	21.23	<=33.01	Pass
	2680	1	0	20.67	1.40	22.07	<=33.01	Pass
			50	20.84	1.40	22.24	<=33.01	Pass
			99	21.03	1.40	22.43	<=33.01	Pass
		50	0	19.97	1.40	21.37	<=33.01	Pass
			25	20.00	1.40	21.40	<=33.01	Pass
			50	19.95	1.40	21.35	<=33.01	Pass
		100	0	19.89	1.40	21.29	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

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	38.924	0.0156	-2.5 to 2.5	Pass
					3.85	31.128	0.0125	-2.5 to 2.5	Pass
					4.43	6.909	0.0028	-2.5 to 2.5	Pass
				-30	3.85	-13.418	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-32.873	-0.0132	-2.5 to 2.5	Pass
				-10	3.85	-48.609	-0.0195	-2.5 to 2.5	Pass
				0	3.85	-25.334	-0.0101	-2.5 to 2.5	Pass
				10	3.85	-41.900	-0.0168	-2.5 to 2.5	Pass
				30	3.85	-51.198	-0.0205	-2.5 to 2.5	Pass
				40	3.85	-4.377	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-12.116	-0.0048	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	24.104	0.0093	-2.5 to 2.5	Pass
					3.85	15.593	0.0060	-2.5 to 2.5	Pass
					4.43	-15.192	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-34.018	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	5.450	0.0021	-2.5 to 2.5	Pass
				-10	3.85	-11.802	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-35.291	-0.0136	-2.5 to 2.5	Pass
				10	3.85	-50.998	-0.0197	-2.5 to 2.5	Pass
				30	3.85	-25.735	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-37.107	-0.0143	-2.5 to 2.5	Pass
				50	3.85	-52.986	-0.0204	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	43.516	0.0162	-2.5 to 2.5	Pass
					3.85	29.511	0.0110	-2.5 to 2.5	Pass
					4.43	1.688	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-27.080	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-47.607	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-33.774	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-44.532	-0.0166	-2.5 to 2.5	Pass
				10	3.85	-31.357	-0.0117	-2.5 to 2.5	Pass
				30	3.85	-6.323	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-20.084	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-33.331	-0.0124	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	-20.370	-0.0082	-2.5 to 2.5	Pass
					3.85	-23.446	-0.0094	-2.5 to 2.5	Pass
					4.43	-24.819	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-26.264	-0.0105	-2.5 to 2.5	Pass
				-20	3.85	-18.253	-0.0073	-2.5 to 2.5	Pass
				-10	3.85	-16.737	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-15.149	-0.0061	-2.5 to 2.5	Pass
				10	3.85	-13.890	-0.0056	-2.5 to 2.5	Pass
				30	3.85	-12.174	-0.0049	-2.5 to 2.5	Pass
				40	3.85	-14.834	-0.0059	-2.5 to 2.5	Pass
				50	3.85	-8.140	-0.0033	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-27.294	-0.0105	-2.5 to 2.5	Pass
					3.85	-30.699	-0.0118	-2.5 to 2.5	Pass
					4.43	-34.804	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	-27.580	-0.0106	-2.5 to 2.5	Pass

				-20	3.85	-31.157	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-33.174	-0.0128	-2.5 to 2.5	Pass
				0	3.85	-36.650	-0.0141	-2.5 to 2.5	Pass
				10	3.85	-37.065	-0.0143	-2.5 to 2.5	Pass
				30	3.85	-35.276	-0.0136	-2.5 to 2.5	Pass
				40	3.85	-42.171	-0.0163	-2.5 to 2.5	Pass
				50	3.85	-41.471	-0.0160	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-46.535	-0.0173	-2.5 to 2.5	Pass
					3.85	3.290	0.0012	-2.5 to 2.5	Pass
					4.43	-0.286	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.086	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0016	-2.5 to 2.5	Pass
				0	3.85	-1.101	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-21.200	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-32.487	-0.0121	-2.5 to 2.5	Pass
				40	3.85	-34.504	-0.0128	-2.5 to 2.5	Pass
				50	3.85	-37.923	-0.0141	-2.5 to 2.5	Pass

2.2 B41_10MHz

2.2.1 Test Result

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	32.415	0.0130	-2.5 to 2.5	Pass
					3.85	2.518	0.0010	-2.5 to 2.5	Pass
					4.43	6.495	0.0026	-2.5 to 2.5	Pass
				-30	3.85	32.029	0.0128	-2.5 to 2.5	Pass
				-20	3.85	34.761	0.0139	-2.5 to 2.5	Pass
				-10	3.85	32.001	0.0128	-2.5 to 2.5	Pass
				0	3.85	-22.645	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-14.548	-0.0058	-2.5 to 2.5	Pass
				30	3.85	6.766	0.0027	-2.5 to 2.5	Pass
				40	3.85	-6.409	-0.0026	-2.5 to 2.5	Pass
				50	3.85	16.551	0.0066	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	25.706	0.0099	-2.5 to 2.5	Pass
					3.85	13.862	0.0053	-2.5 to 2.5	Pass
					4.43	-23.446	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-47.207	-0.0182	-2.5 to 2.5	Pass
				-20	3.85	-32.358	-0.0125	-2.5 to 2.5	Pass
				-10	3.85	-44.832	-0.0173	-2.5 to 2.5	Pass
				0	3.85	-27.881	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-44.818	-0.0173	-2.5 to 2.5	Pass
				30	3.85	-25.778	-0.0099	-2.5 to 2.5	Pass
				40	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-7.124	-0.0027	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-18.239	-0.0068	-2.5 to 2.5	Pass
					3.85	-42.472	-0.0158	-2.5 to 2.5	Pass
					4.43	-18.125	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-30.556	-0.0114	-2.5 to 2.5	Pass
				-20	3.85	-19.426	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-44.346	-0.0165	-2.5 to 2.5	Pass
				0	3.85	-13.947	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-34.089	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-45.648	-0.0170	-2.5 to 2.5	Pass

				40	3.85	-17.095	-0.0064	-2.5 to 2.5	Pass
				50	3.85	-43.960	-0.0164	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	11.115	0.0044	-2.5 to 2.5	Pass
					3.85	29.683	0.0119	-2.5 to 2.5	Pass
					4.43	47.808	0.0191	-2.5 to 2.5	Pass
				-30	3.85	25.821	0.0103	-2.5 to 2.5	Pass
				-20	3.85	30.770	0.0123	-2.5 to 2.5	Pass
				-10	3.85	6.466	0.0026	-2.5 to 2.5	Pass
				0	3.85	3.963	0.0016	-2.5 to 2.5	Pass
				10	3.85	13.361	0.0053	-2.5 to 2.5	Pass
				30	3.85	31.199	0.0125	-2.5 to 2.5	Pass
				40	3.85	46.020	0.0184	-2.5 to 2.5	Pass
				50	3.85	-10.386	-0.0042	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	-27.566	-0.0106	-2.5 to 2.5	Pass
					3.85	-23.360	-0.0090	-2.5 to 2.5	Pass
					4.43	-9.599	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-9.356	-0.0036	-2.5 to 2.5	Pass
				-20	3.85	-4.721	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	3.233	0.0012	-2.5 to 2.5	Pass
				0	3.85	16.880	0.0065	-2.5 to 2.5	Pass
				10	3.85	20.185	0.0078	-2.5 to 2.5	Pass
				30	3.85	17.881	0.0069	-2.5 to 2.5	Pass
				40	3.85	15.321	0.0059	-2.5 to 2.5	Pass
				50	3.85	24.462	0.0094	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-45.290	-0.0169	-2.5 to 2.5	Pass
					3.85	-49.739	-0.0185	-2.5 to 2.5	Pass
					4.43	-46.234	-0.0172	-2.5 to 2.5	Pass
				-30	3.85	-50.268	-0.0187	-2.5 to 2.5	Pass
				-20	3.85	-40.212	-0.0150	-2.5 to 2.5	Pass
				-10	3.85	-41.099	-0.0153	-2.5 to 2.5	Pass
				0	3.85	-41.170	-0.0153	-2.5 to 2.5	Pass
				10	3.85	-49.624	-0.0185	-2.5 to 2.5	Pass
				30	3.85	-55.804	-0.0208	-2.5 to 2.5	Pass
				40	3.85	-46.892	-0.0175	-2.5 to 2.5	Pass
				50	3.85	-40.112	-0.0149	-2.5 to 2.5	Pass

2.3 B41_15MHz

2.3.1 Test Result

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	31.471	0.0126	-2.5 to 2.5	Pass
					3.85	8.969	0.0036	-2.5 to 2.5	Pass
					4.43	9.155	0.0037	-2.5 to 2.5	Pass
				-30	3.85	18.539	0.0074	-2.5 to 2.5	Pass
				-20	3.85	21.944	0.0088	-2.5 to 2.5	Pass
				-10	3.85	32.930	0.0132	-2.5 to 2.5	Pass
				0	3.85	39.310	0.0157	-2.5 to 2.5	Pass
				10	3.85	0.629	0.0003	-2.5 to 2.5	Pass
				30	3.85	5.493	0.0022	-2.5 to 2.5	Pass
				40	3.85	13.604	0.0054	-2.5 to 2.5	Pass
				50	3.85	33.016	0.0132	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	29.511	0.0114	-2.5 to 2.5	Pass
					3.85	10.600	0.0041	-2.5 to 2.5	Pass
					4.43	-10.829	-0.0042	-2.5 to 2.5	Pass

				-30	3.85	-36.678	-0.0141	-2.5 to 2.5	Pass
				-20	3.85	0.472	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-13.175	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-31.972	-0.0123	-2.5 to 2.5	Pass
				10	3.85	-39.196	-0.0151	-2.5 to 2.5	Pass
				30	3.85	-41.285	-0.0159	-2.5 to 2.5	Pass
				40	3.85	1.545	0.0006	-2.5 to 2.5	Pass
				50	3.85	-7.296	-0.0028	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	25.806	0.0096	-2.5 to 2.5	Pass
					3.85	6.723	0.0025	-2.5 to 2.5	Pass
					4.43	-22.960	-0.0086	-2.5 to 2.5	Pass
				-30	3.85	-51.112	-0.0191	-2.5 to 2.5	Pass
				-20	3.85	-26.565	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-40.169	-0.0150	-2.5 to 2.5	Pass
				0	3.85	1.502	0.0006	-2.5 to 2.5	Pass
				10	3.85	-14.591	-0.0054	-2.5 to 2.5	Pass
				30	3.85	-32.716	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-48.509	-0.0181	-2.5 to 2.5	Pass
				50	3.85	-29.368	-0.0109	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	29.211	0.0117	-2.5 to 2.5	Pass
					3.85	-7.396	-0.0030	-2.5 to 2.5	Pass
					4.43	8.283	0.0033	-2.5 to 2.5	Pass
				-30	3.85	24.719	0.0099	-2.5 to 2.5	Pass
				-20	3.85	37.308	0.0149	-2.5 to 2.5	Pass
				-10	3.85	34.719	0.0139	-2.5 to 2.5	Pass
				0	3.85	19.012	0.0076	-2.5 to 2.5	Pass
				10	3.85	35.019	0.0140	-2.5 to 2.5	Pass
				30	3.85	8.984	0.0036	-2.5 to 2.5	Pass
				40	3.85	9.184	0.0037	-2.5 to 2.5	Pass
				50	3.85	13.890	0.0055	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	-14.763	-0.0057	-2.5 to 2.5	Pass
					3.85	-14.906	-0.0057	-2.5 to 2.5	Pass
					4.43	-10.343	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-3.433	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-0.830	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	4.234	0.0016	-2.5 to 2.5	Pass
				0	3.85	-2.089	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.445	0.0006	-2.5 to 2.5	Pass
				30	3.85	3.834	0.0015	-2.5 to 2.5	Pass
				40	3.85	2.203	0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.243	-0.0001	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-40.627	-0.0151	-2.5 to 2.5	Pass
					3.85	-30.684	-0.0114	-2.5 to 2.5	Pass
					4.43	-23.289	-0.0087	-2.5 to 2.5	Pass
				-30	3.85	-26.851	-0.0100	-2.5 to 2.5	Pass
				-20	3.85	-29.969	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-28.996	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-23.632	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-22.388	-0.0083	-2.5 to 2.5	Pass
				30	3.85	-30.313	-0.0113	-2.5 to 2.5	Pass
				40	3.85	-28.009	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-22.373	-0.0083	-2.5 to 2.5	Pass

2.4 B41_20MHz

2.4.1 Test Result

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	34.904	0.0139	-2.5 to 2.5	Pass
					3.85	16.823	0.0067	-2.5 to 2.5	Pass
					4.43	33.360	0.0133	-2.5 to 2.5	Pass
				-30	3.85	41.199	0.0164	-2.5 to 2.5	Pass
				-20	3.85	17.180	0.0069	-2.5 to 2.5	Pass
				-10	3.85	26.822	0.0107	-2.5 to 2.5	Pass
				0	3.85	26.178	0.0104	-2.5 to 2.5	Pass
				10	3.85	36.907	0.0147	-2.5 to 2.5	Pass
				30	3.85	-10.328	-0.0041	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				50	3.85	8.683	0.0035	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	27.251	0.0105	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0022	-2.5 to 2.5	Pass
					4.43	-37.723	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-4.964	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-25.492	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-11.072	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-19.069	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-40.712	-0.0157	-2.5 to 2.5	Pass
				30	3.85	-4.778	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-14.949	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-35.534	-0.0137	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	10.400	0.0039	-2.5 to 2.5	Pass
					3.85	-48.151	-0.0180	-2.5 to 2.5	Pass
					4.43	-28.811	-0.0108	-2.5 to 2.5	Pass
				-30	3.85	-26.007	-0.0097	-2.5 to 2.5	Pass
				-20	3.85	-26.608	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-50.626	-0.0189	-2.5 to 2.5	Pass
				0	3.85	-17.338	-0.0065	-2.5 to 2.5	Pass
				10	3.85	-17.309	-0.0065	-2.5 to 2.5	Pass
				30	3.85	-41.370	-0.0154	-2.5 to 2.5	Pass
				40	3.85	-13.762	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-41.213	-0.0154	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	20.714	0.0083	-2.5 to 2.5	Pass
					3.85	35.234	0.0141	-2.5 to 2.5	Pass
					4.43	8.454	0.0034	-2.5 to 2.5	Pass
				-30	3.85	23.961	0.0096	-2.5 to 2.5	Pass
				-20	3.85	40.841	0.0163	-2.5 to 2.5	Pass
				-10	3.85	14.019	0.0056	-2.5 to 2.5	Pass
				0	3.85	18.110	0.0072	-2.5 to 2.5	Pass
				10	3.85	38.624	0.0154	-2.5 to 2.5	Pass
				30	3.85	-6.223	-0.0025	-2.5 to 2.5	Pass
				40	3.85	0.944	0.0004	-2.5 to 2.5	Pass
				50	3.85	13.647	0.0054	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	-38.223	-0.0147	-2.5 to 2.5	Pass
					3.85	-42.343	-0.0163	-2.5 to 2.5	Pass
					4.43	-32.473	-0.0125	-2.5 to 2.5	Pass
				-30	3.85	-31.085	-0.0120	-2.5 to 2.5	Pass
				-20	3.85	-36.736	-0.0142	-2.5 to 2.5	Pass
				-10	3.85	-26.007	-0.0100	-2.5 to 2.5	Pass
				0	3.85	-35.105	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-33.116	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-20.170	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-8.597	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-29.769	-0.0115	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-17.095	-0.0064	-2.5 to 2.5	Pass

					3.85	-10.786	-0.0040	-2.5 to 2.5	Pass
					4.43	-35.548	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	-43.917	-0.0164	-2.5 to 2.5	Pass
				-20	3.85	-23.789	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-0.572	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-20.614	-0.0077	-2.5 to 2.5	Pass
				10	3.85	-16.007	-0.0060	-2.5 to 2.5	Pass
				30	3.85	-19.484	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-27.866	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-46.506	-0.0174	-2.5 to 2.5	Pass

3. Modulation Characteristics

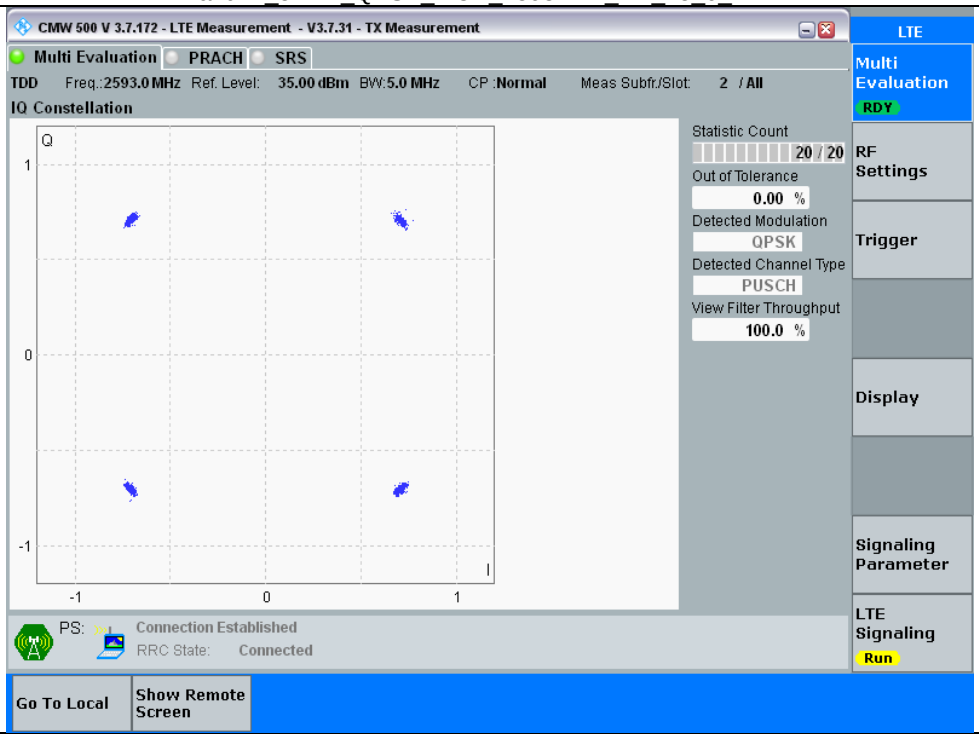
3.1 B41_5MHz

3.1.1 Test Result

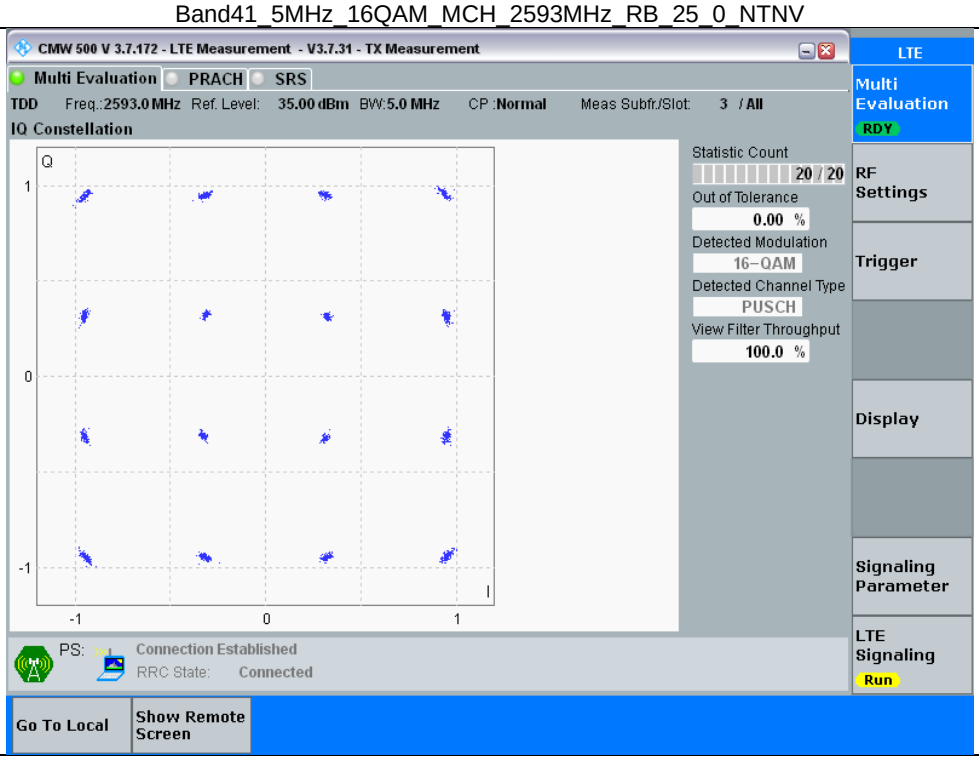
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	25	0	Refer To Test Graph		Pass
16QAM	2593	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



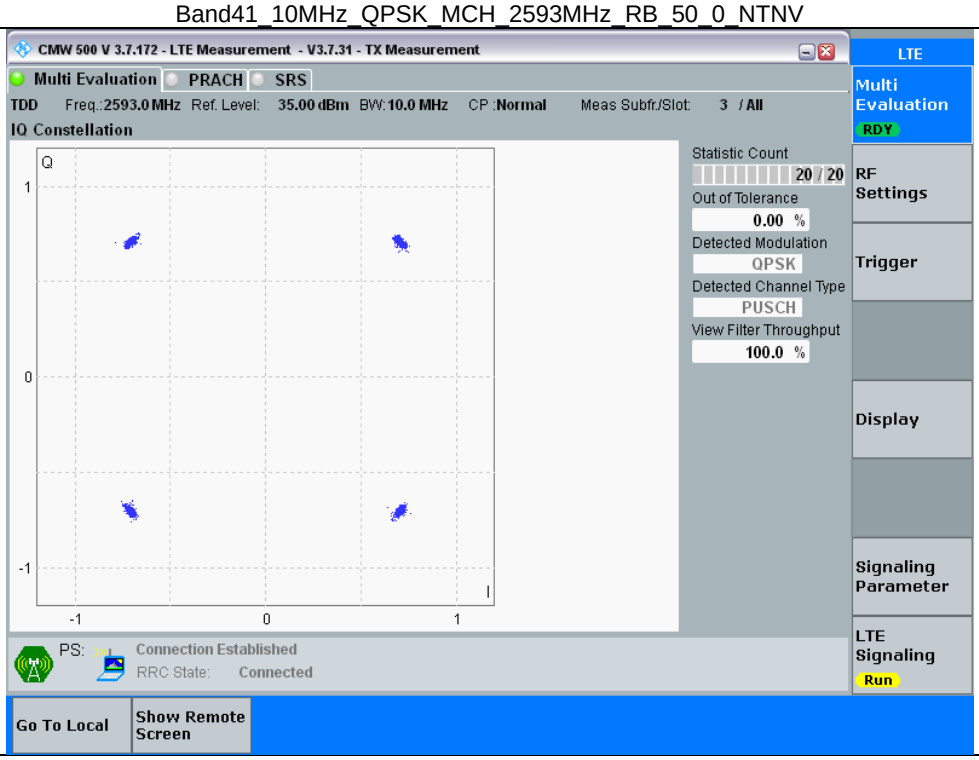
3.2 B41_10MHz

3.2.1 Test Result

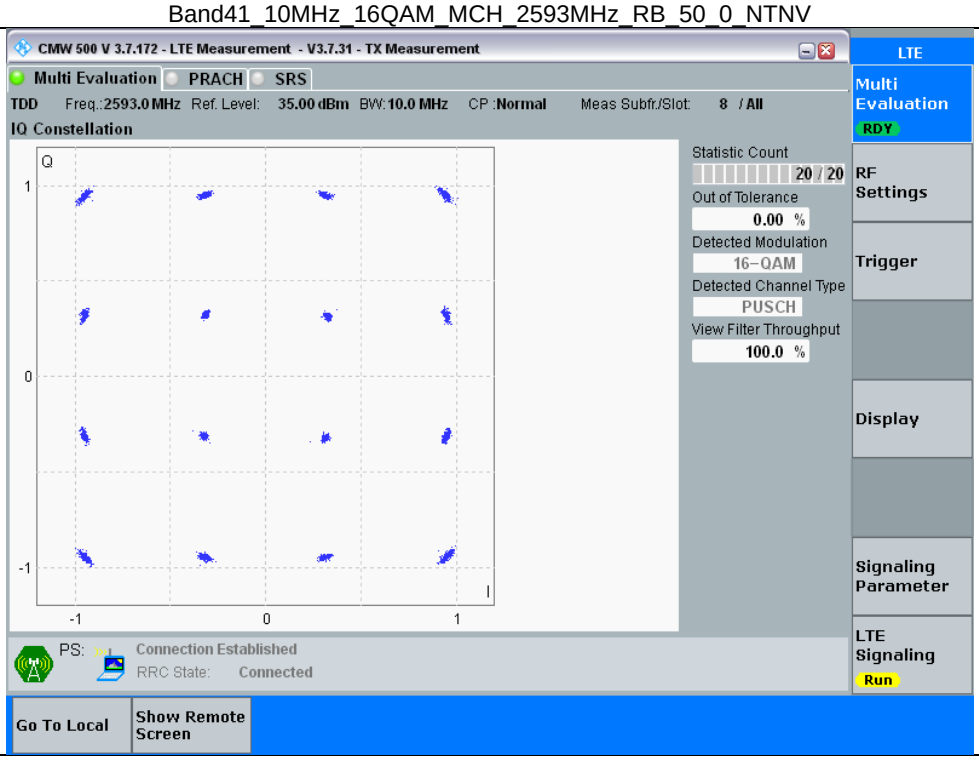
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



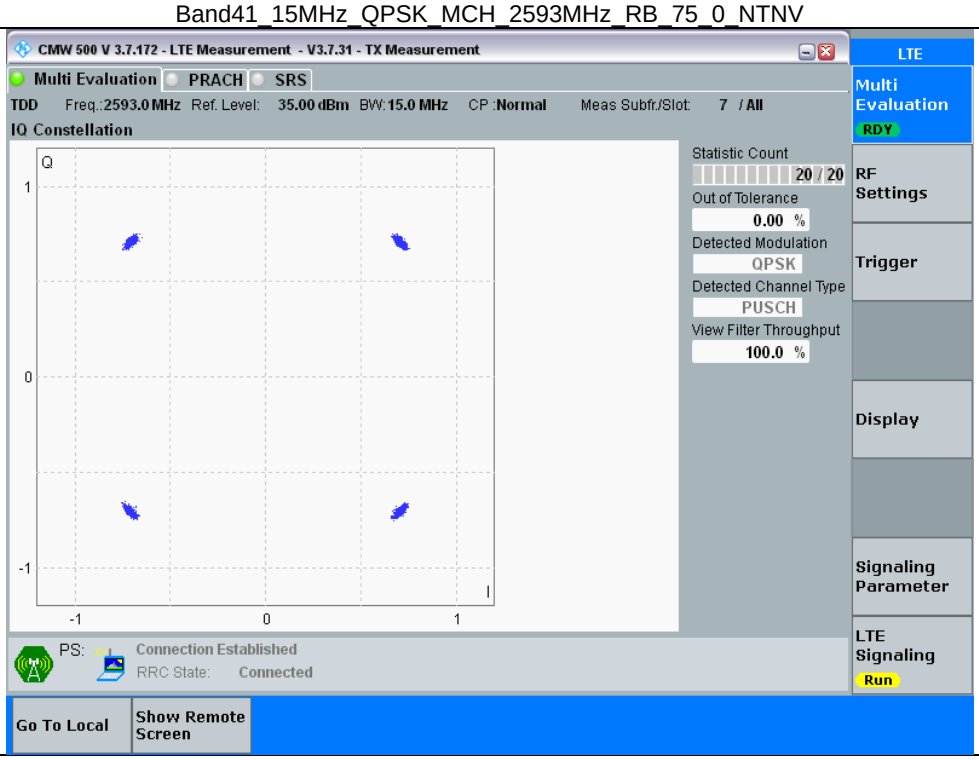
3.3 B41_15MHz

3.3.1 Test Result

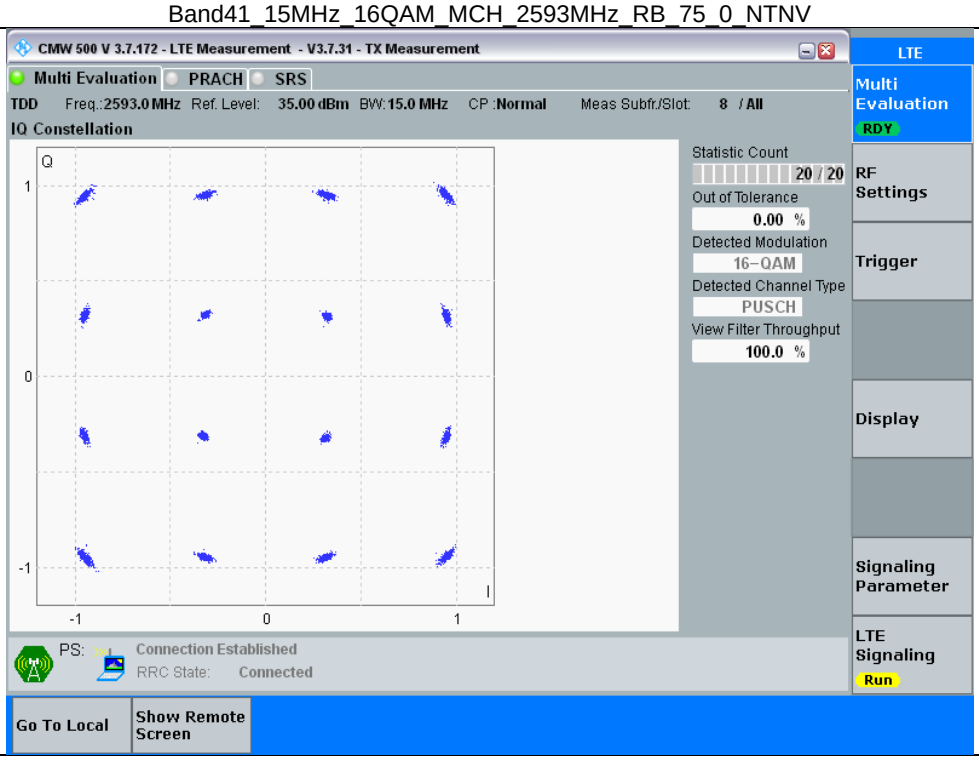
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



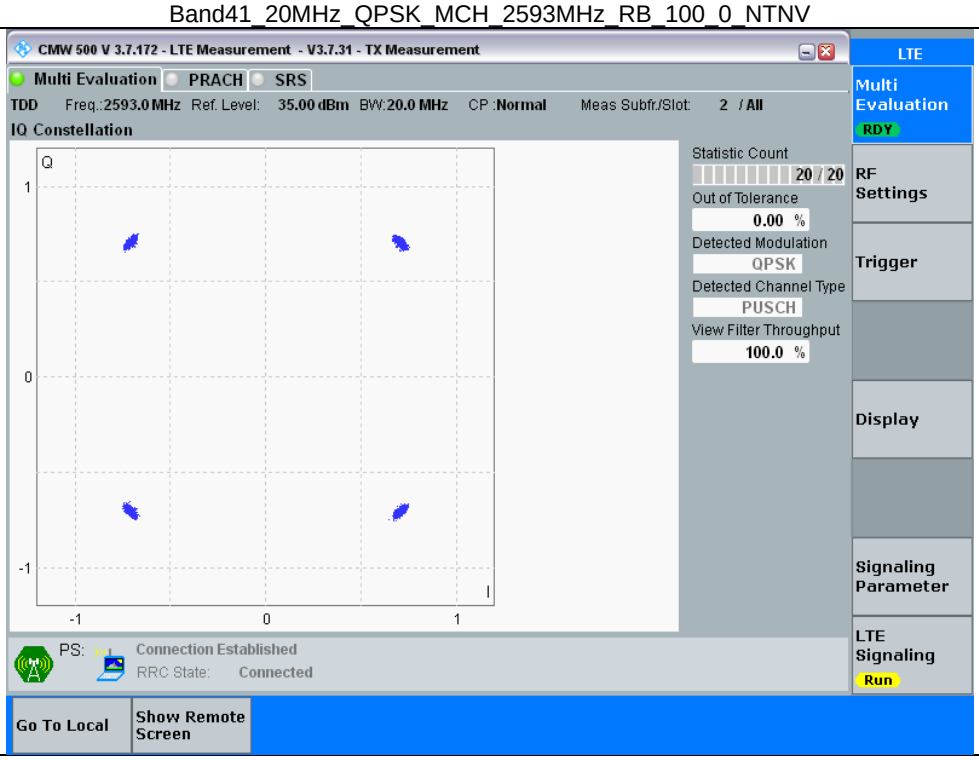
3.4 B41_20MHz

3.4.1 Test Result

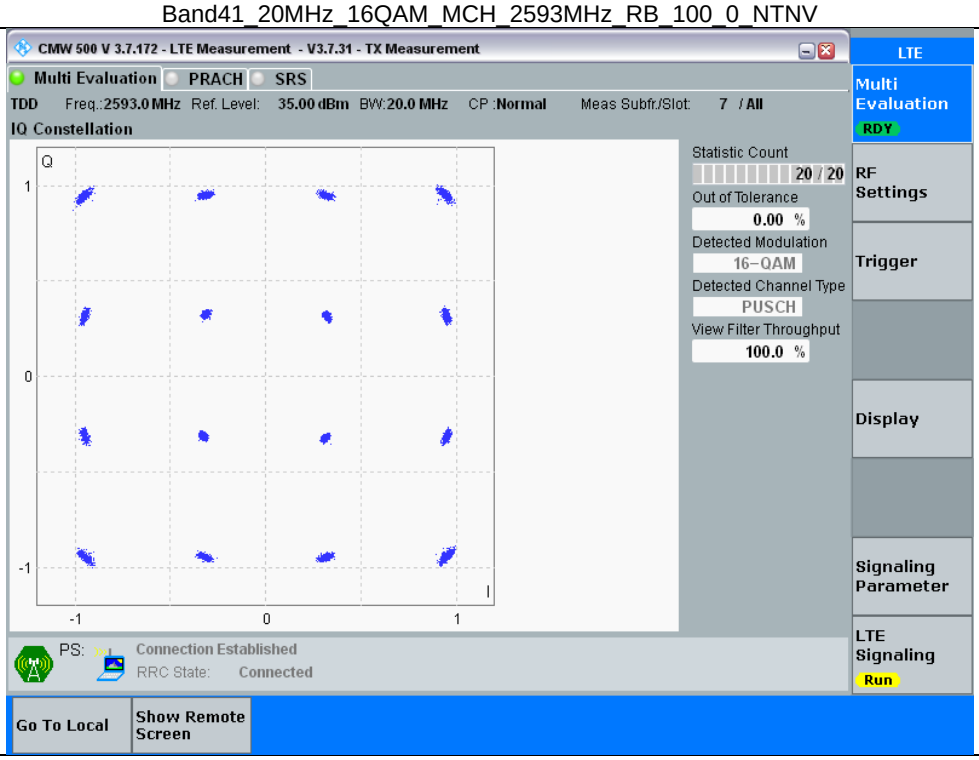
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass

3.4.2 Test Graph

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



4. 99% & 26dB Bandwidth

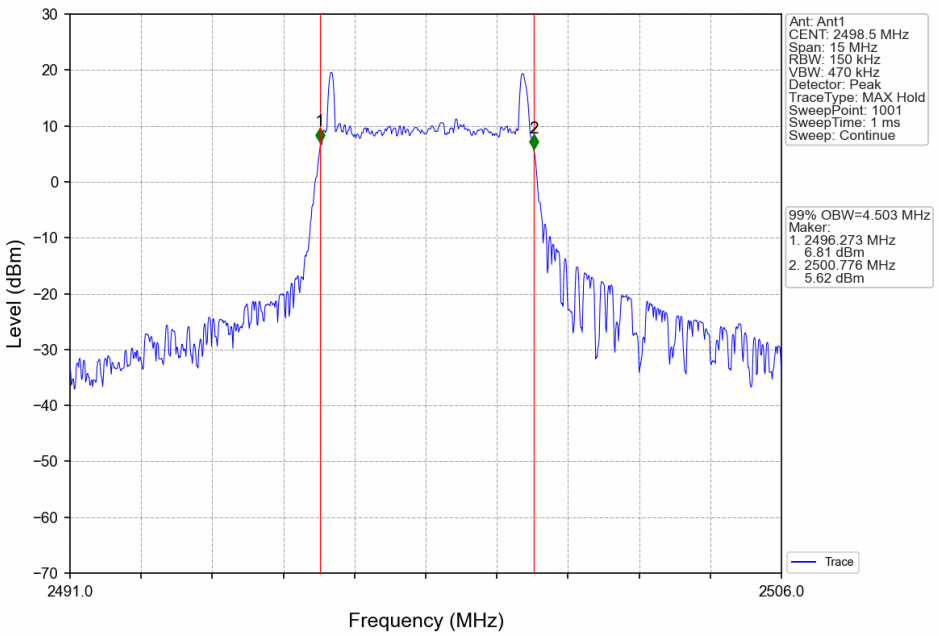
4.1 Band41_OBW

4.1.1 Test Result

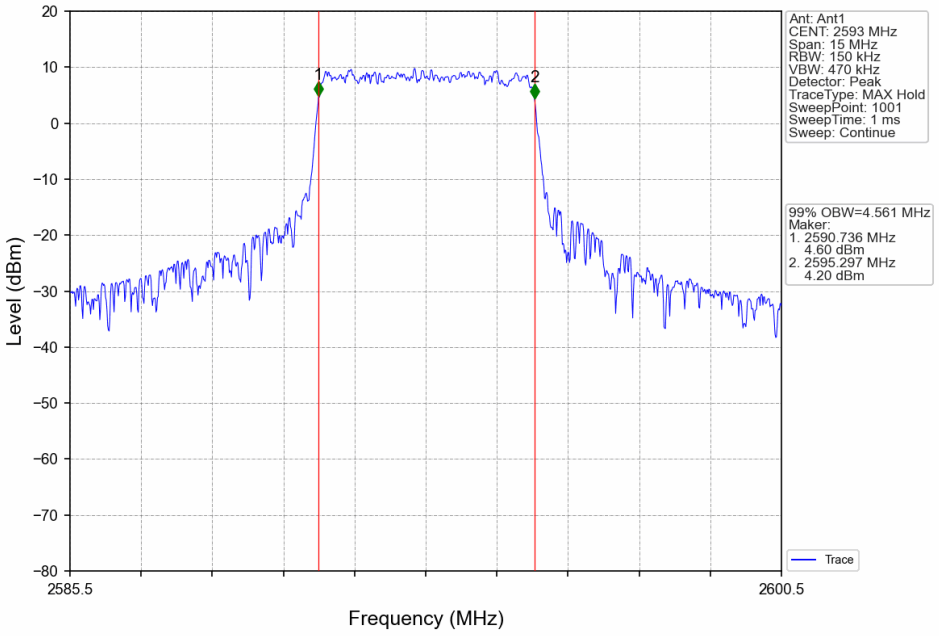
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.503	/	Pass
		2593	25	0	4.561	/	Pass
		2687.5	25	0	4.549	/	Pass
	16QAM	2498.5	25	0	4.553	/	Pass
		2593	25	0	4.598	/	Pass
		2687.5	25	0	4.553	/	Pass
10	QPSK	2501	50	0	9.082	/	Pass
		2593	50	0	9.112	/	Pass
		2685	50	0	9.047	/	Pass
	16QAM	2501	50	0	9.033	/	Pass
		2593	50	0	9.080	/	Pass
		2685	50	0	9.046	/	Pass
15	QPSK	2503.5	75	0	13.676	/	Pass
		2593	75	0	13.641	/	Pass
		2682.5	75	0	13.560	/	Pass
	16QAM	2503.5	75	0	13.496	/	Pass
		2593	75	0	13.592	/	Pass
		2682.5	75	0	13.590	/	Pass
20	QPSK	2506	100	0	18.175	/	Pass
		2593	100	0	18.093	/	Pass
		2680	100	0	18.144	/	Pass
	16QAM	2506	100	0	18.082	/	Pass
		2593	100	0	18.189	/	Pass
		2680	100	0	18.174	/	Pass

4.1.2 Test Graph

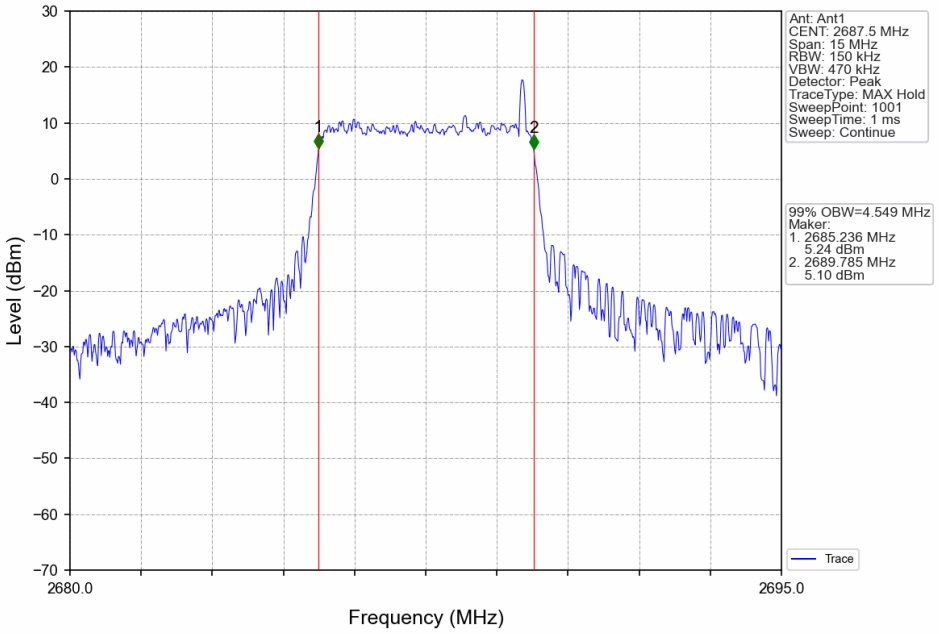
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



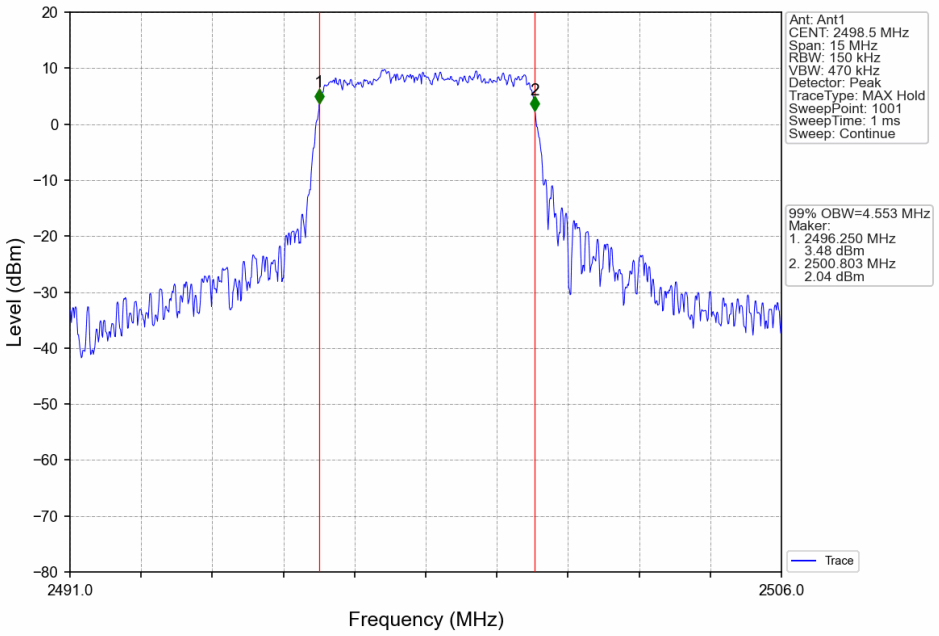
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



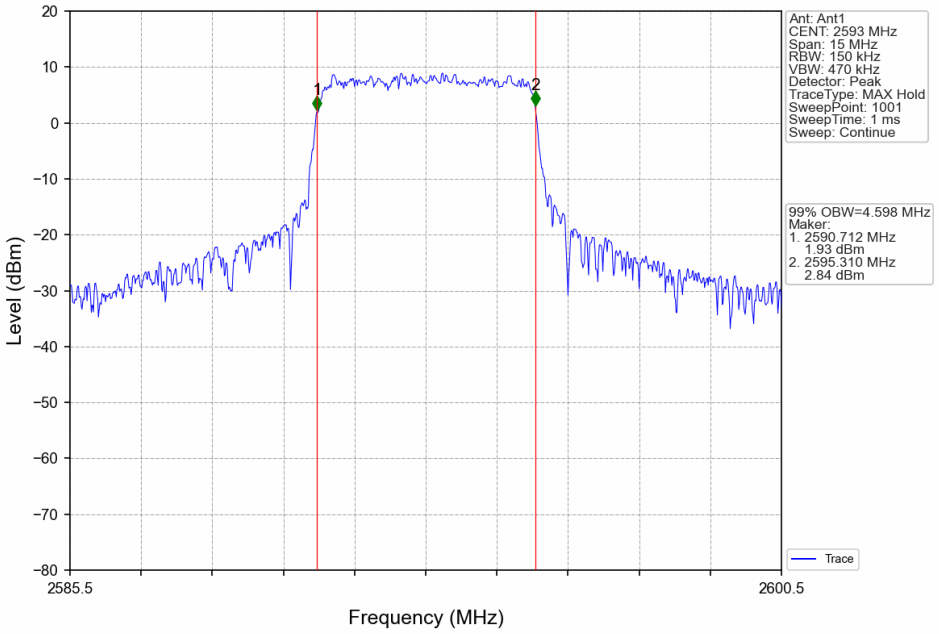
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



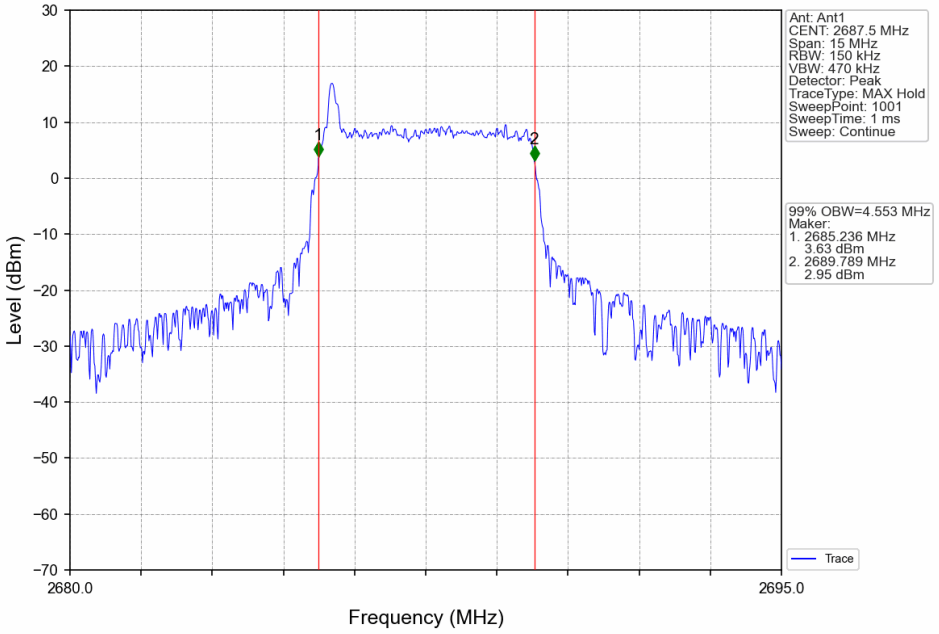
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



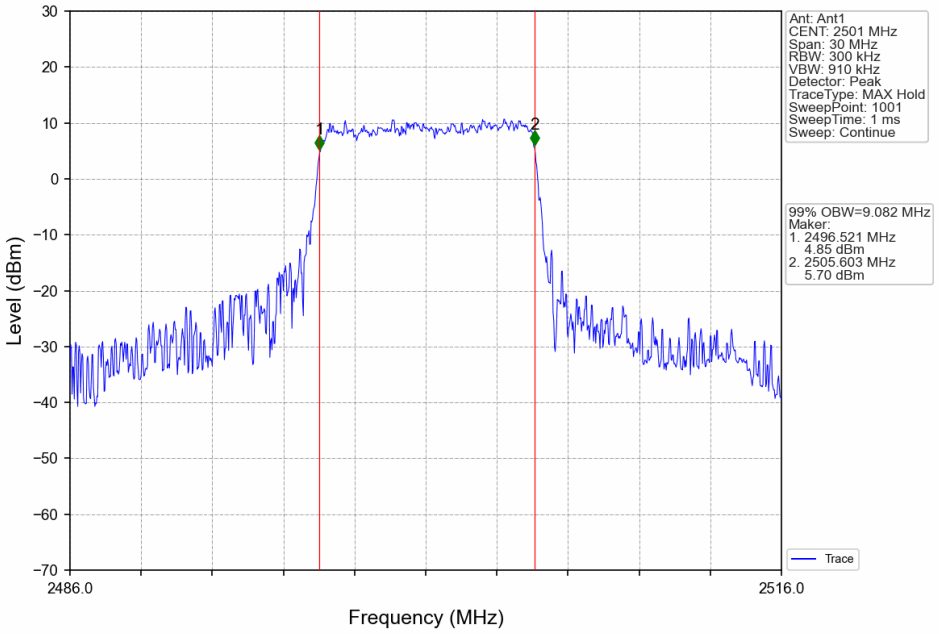
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



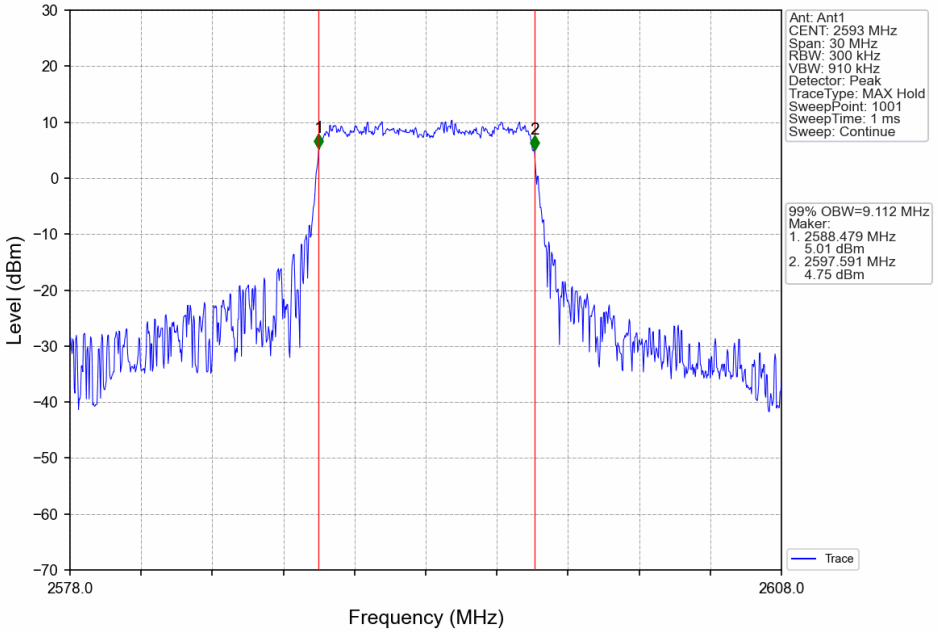
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



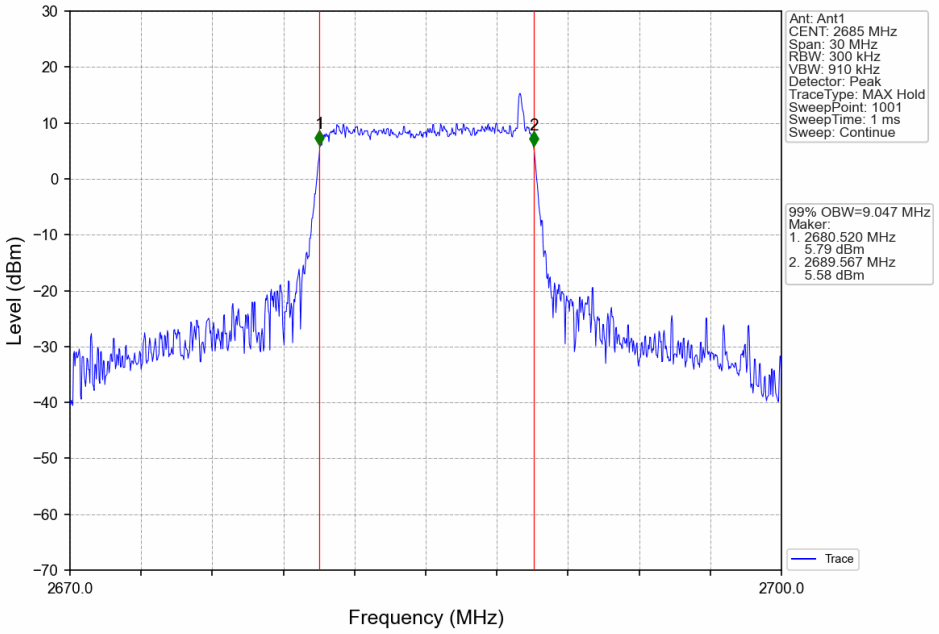
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



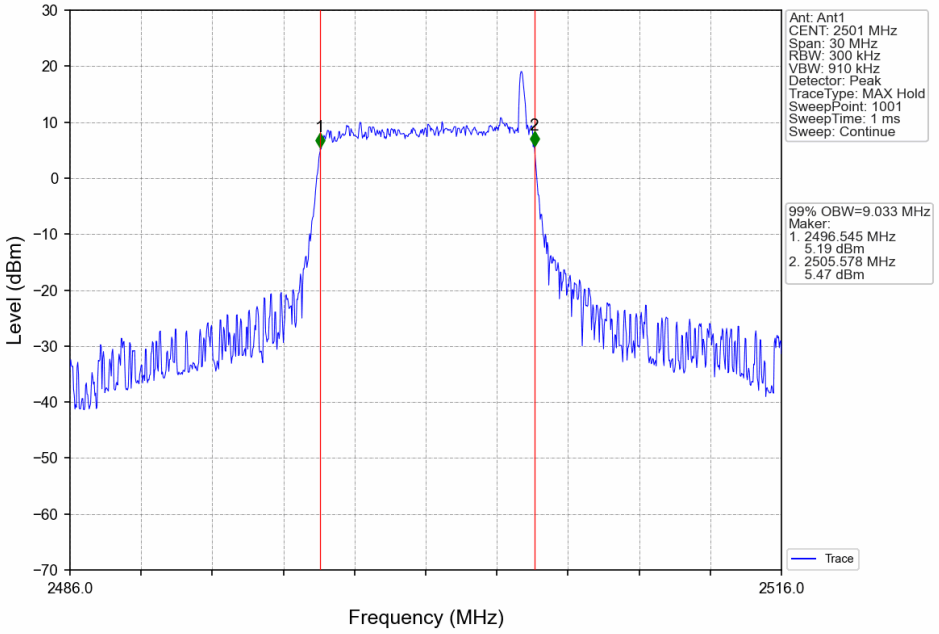
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



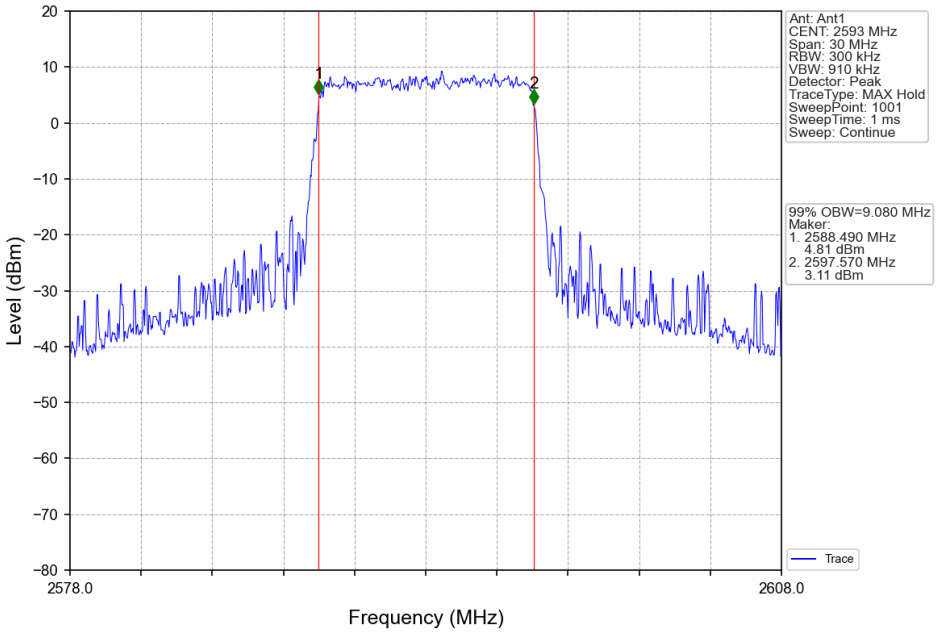
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



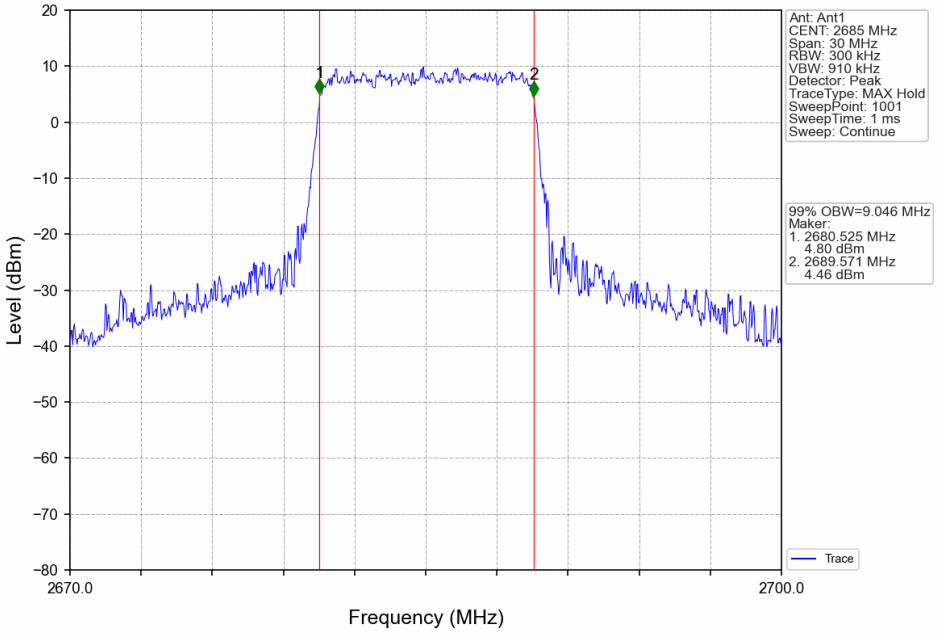
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



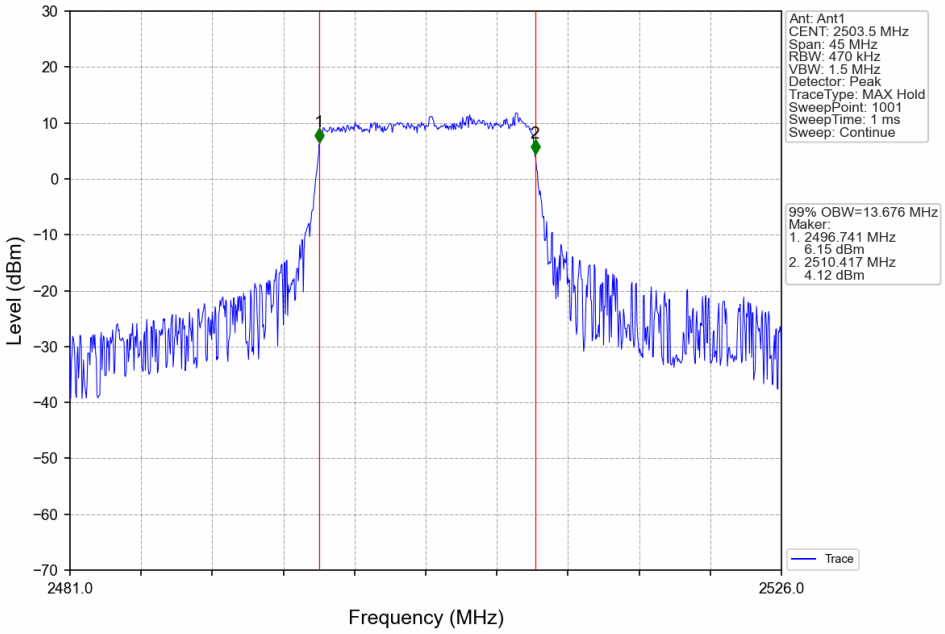
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



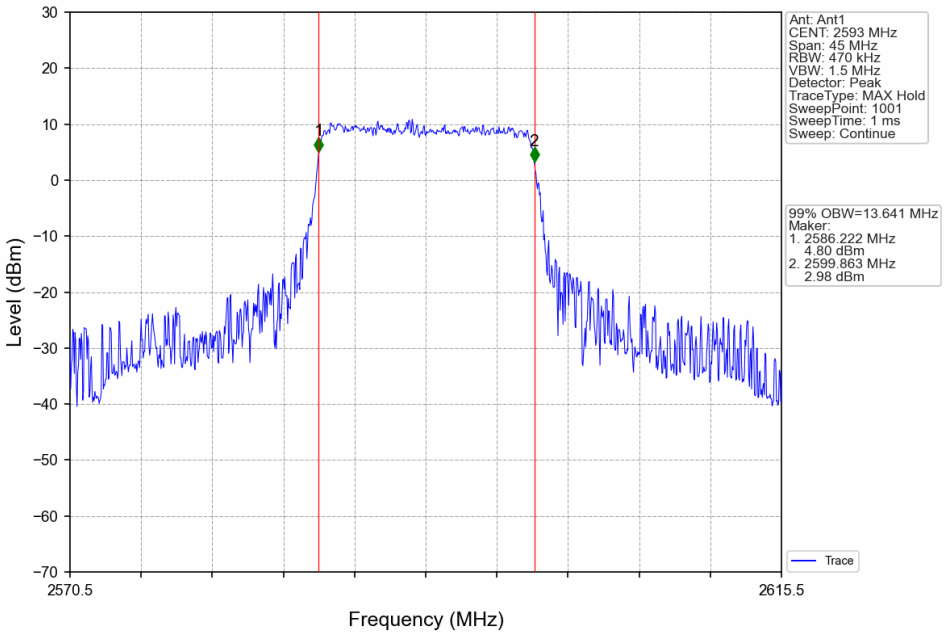
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



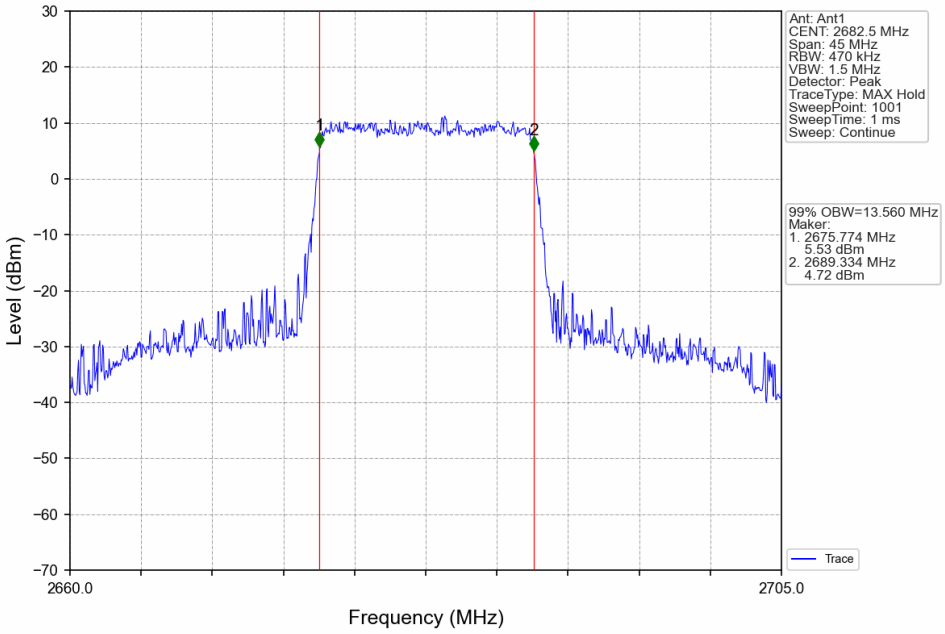
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



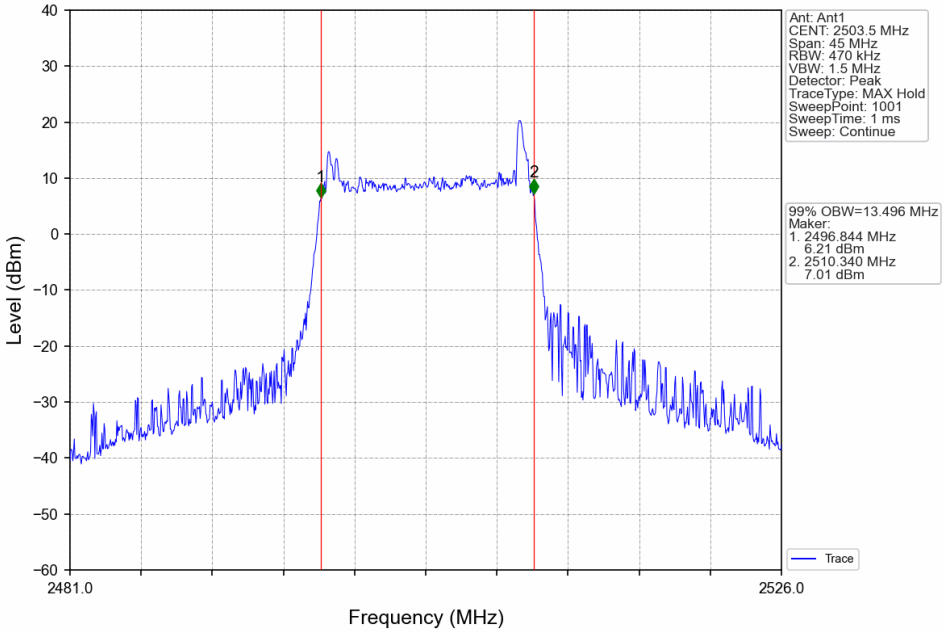
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



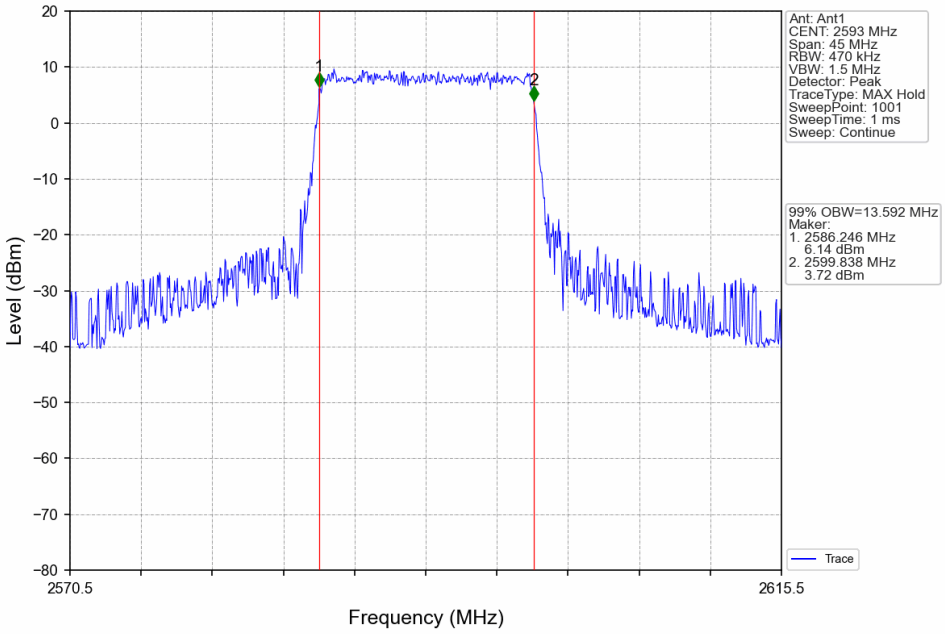
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



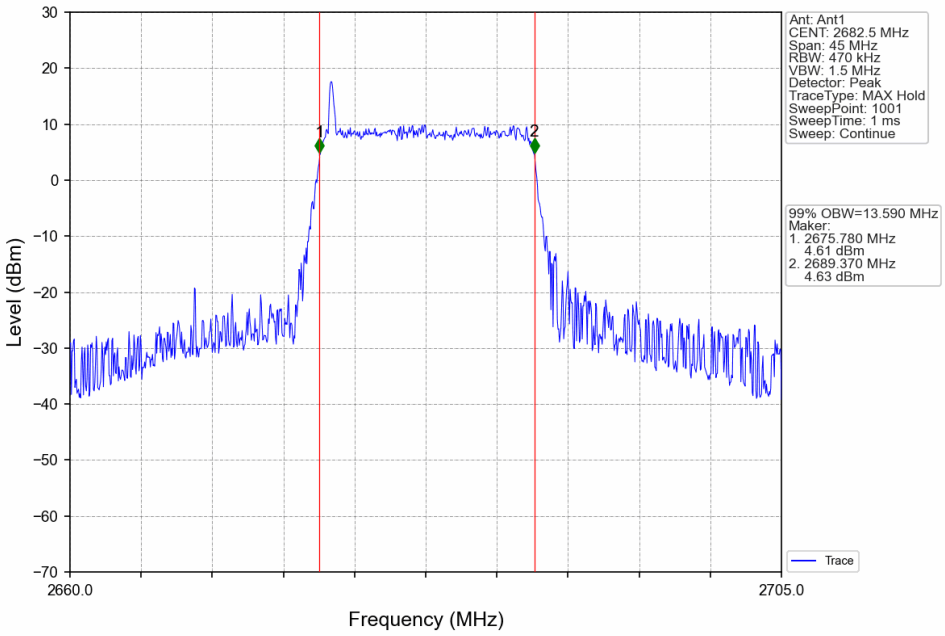
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



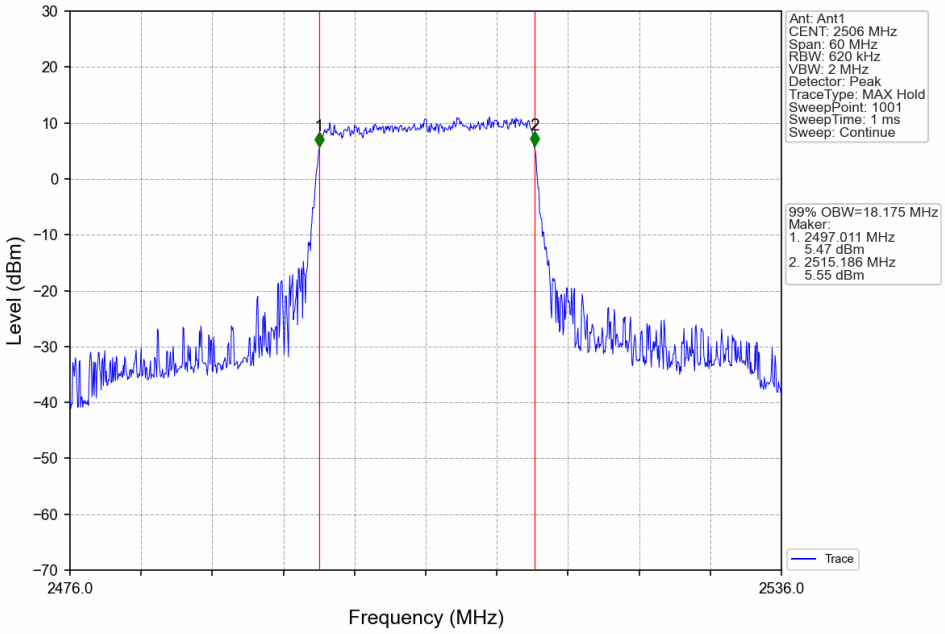
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



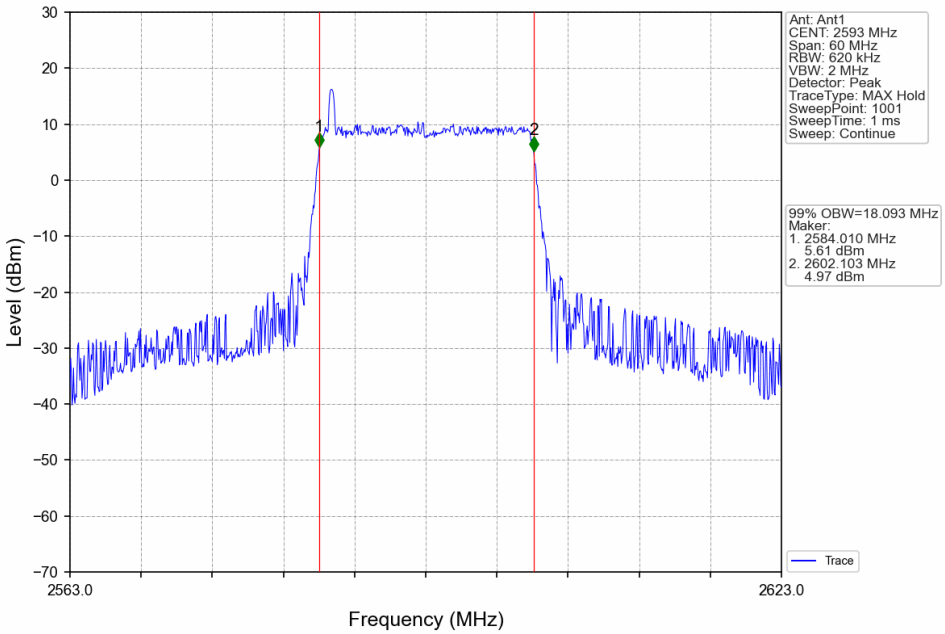
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



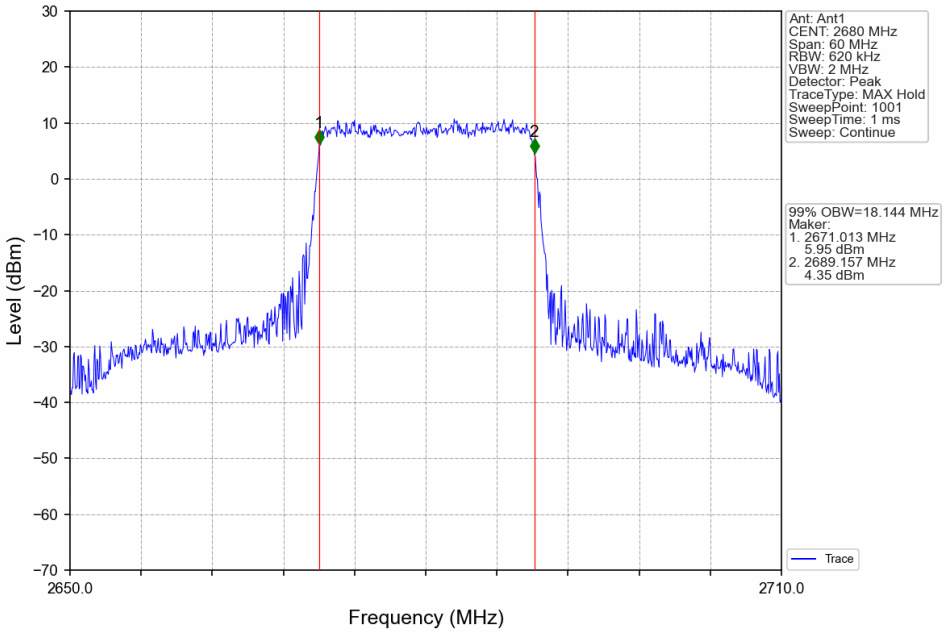
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



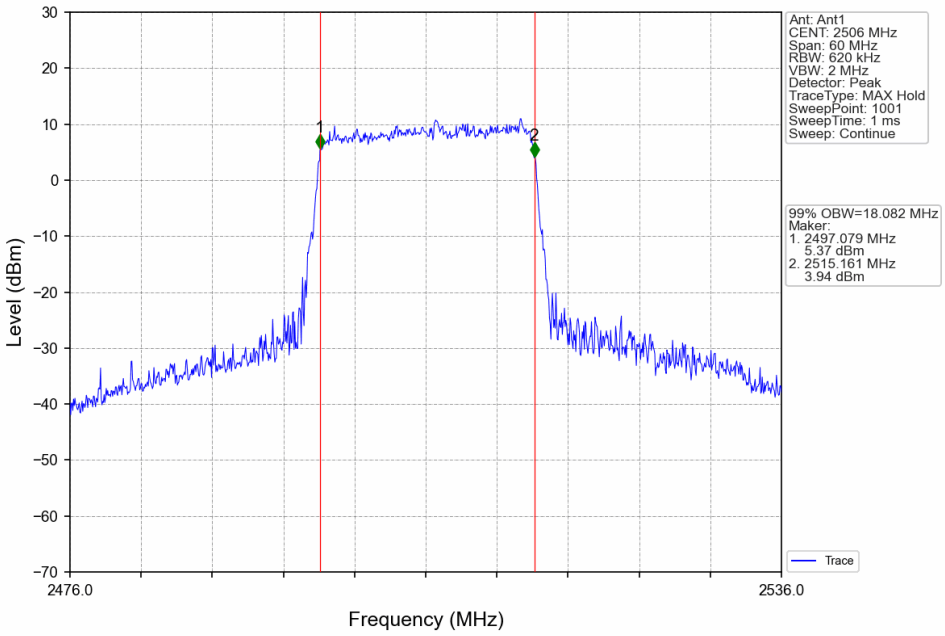
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



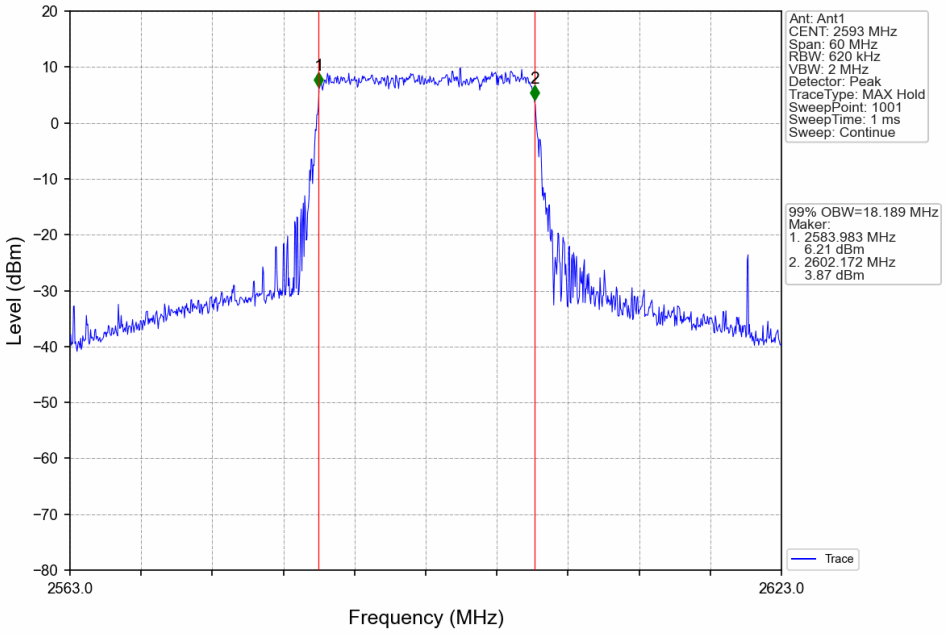
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



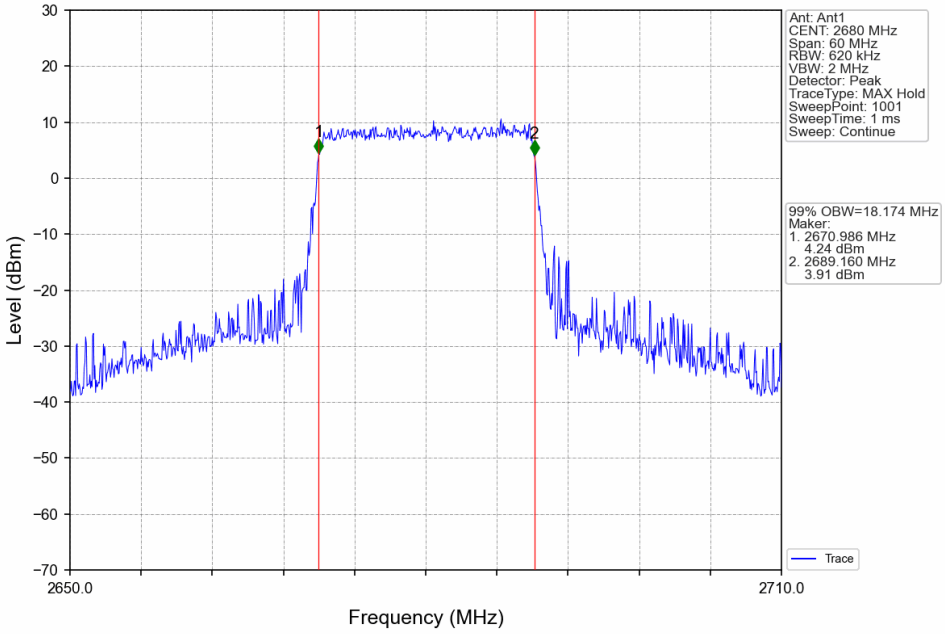
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



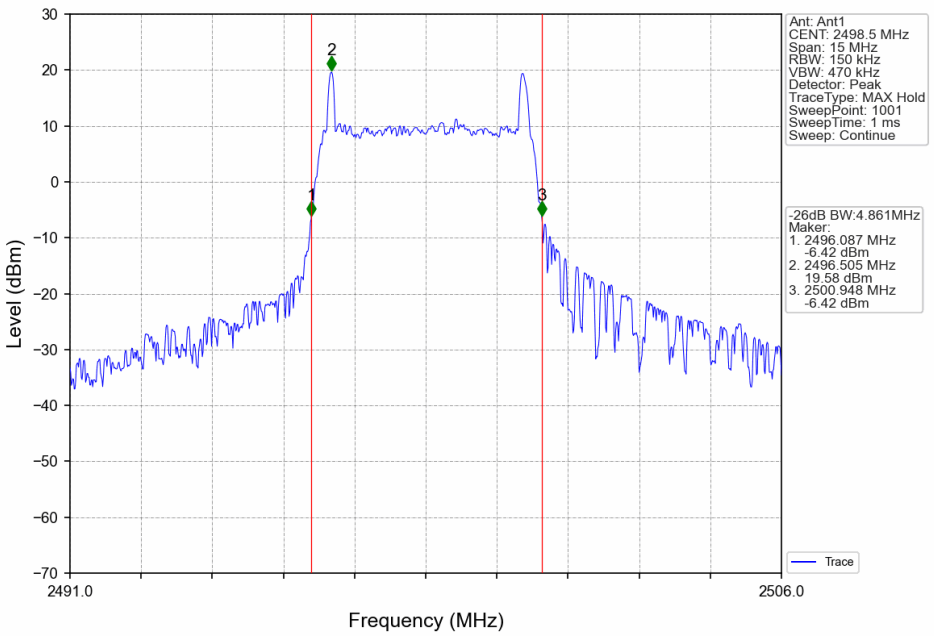
4.2 Band41_XDB

4.2.1 Test Result

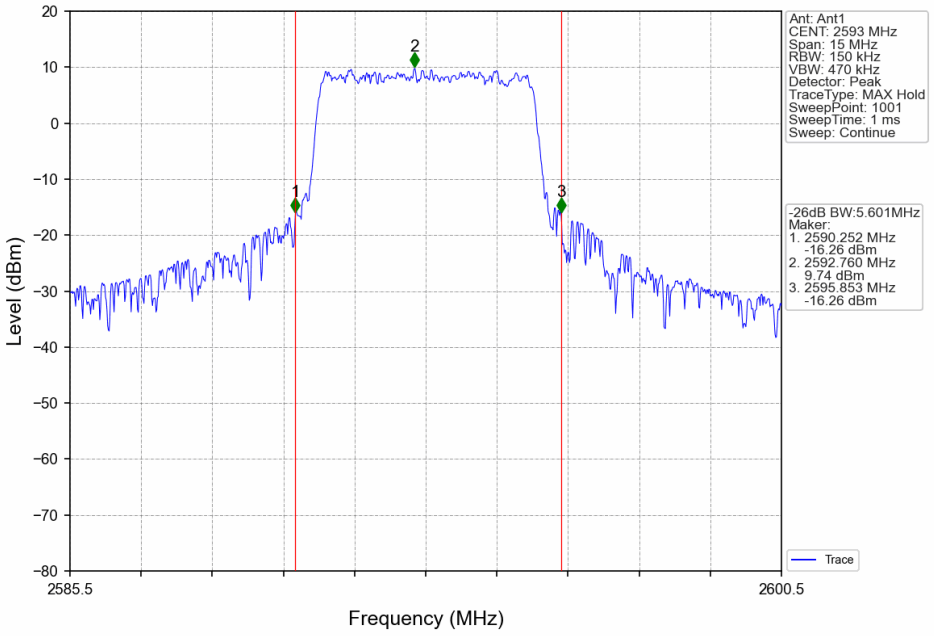
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.861	/	Pass
		2593	25	0	5.601	/	Pass
		2687.5	25	0	4.911	/	Pass
	16QAM	2498.5	25	0	5.583	/	Pass
		2593	25	0	5.718	/	Pass
		2687.5	25	0	4.917	/	Pass
10	QPSK	2501	50	0	11.078	/	Pass
		2593	50	0	11.108	/	Pass
		2685	50	0	9.837	/	Pass
	16QAM	2501	50	0	9.655	/	Pass
		2593	50	0	10.694	/	Pass
		2685	50	0	10.179	/	Pass
15	QPSK	2503.5	75	0	17.314	/	Pass
		2593	75	0	16.761	/	Pass
		2682.5	75	0	15.212	/	Pass
	16QAM	2503.5	75	0	14.429	/	Pass
		2593	75	0	15.672	/	Pass
		2682.5	75	0	14.783	/	Pass
20	QPSK	2506	100	0	20.721	/	Pass
		2593	100	0	19.687	/	Pass
		2680	100	0	20.545	/	Pass
	16QAM	2506	100	0	20.092	/	Pass
		2593	100	0	20.983	/	Pass
		2680	100	0	22.040	/	Pass

4.2.2 Test Graph

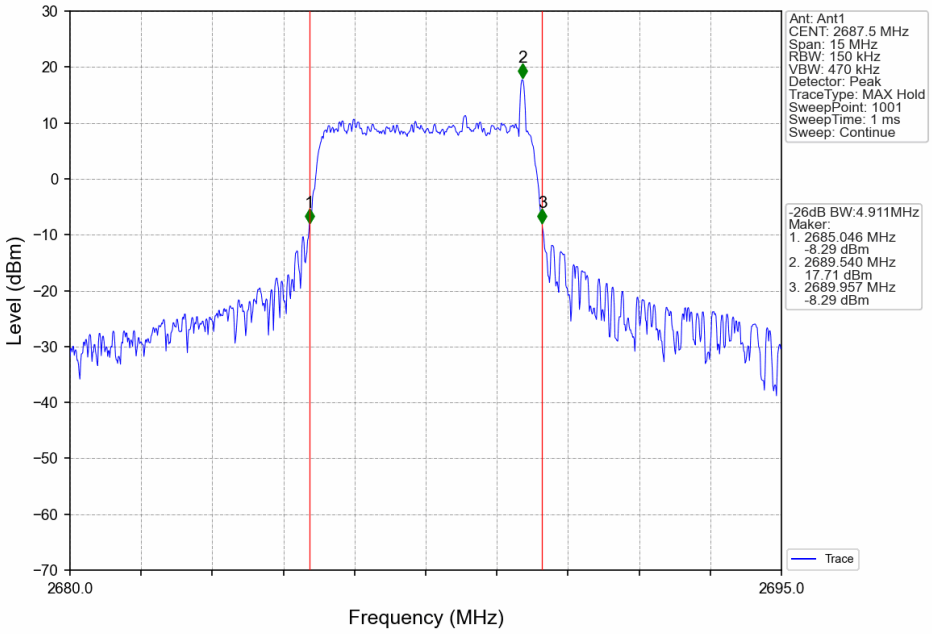
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



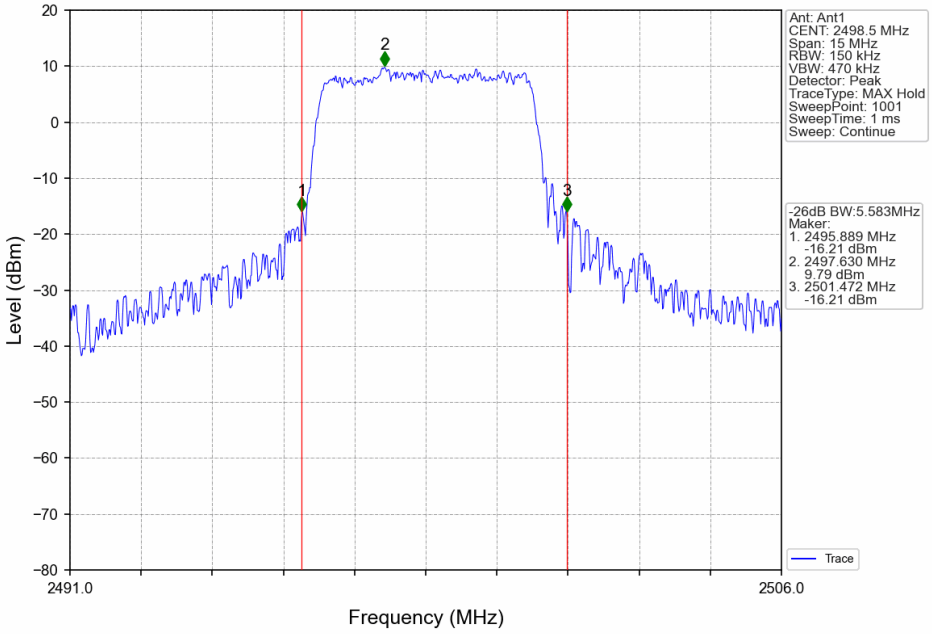
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



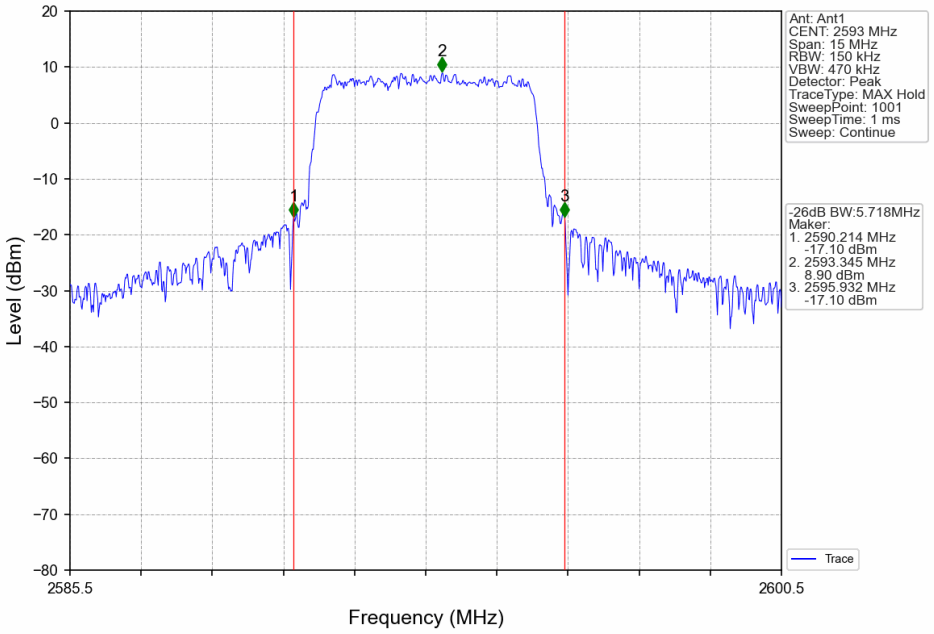
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



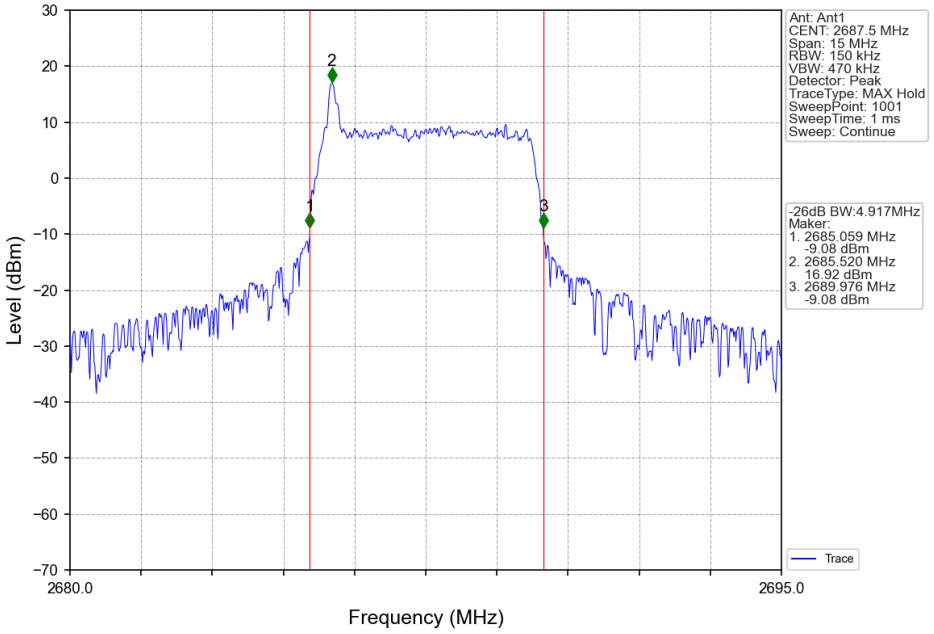
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



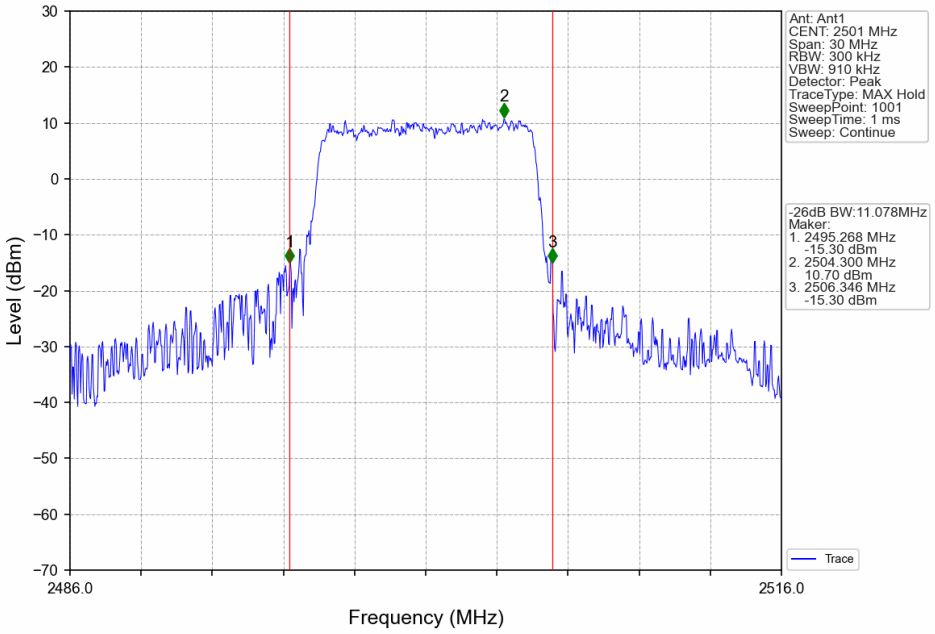
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



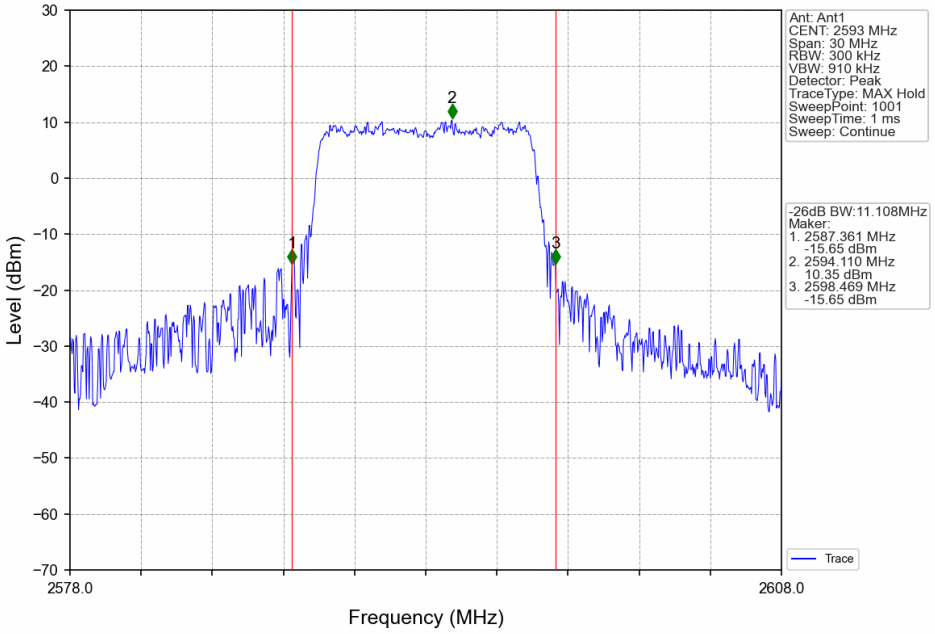
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



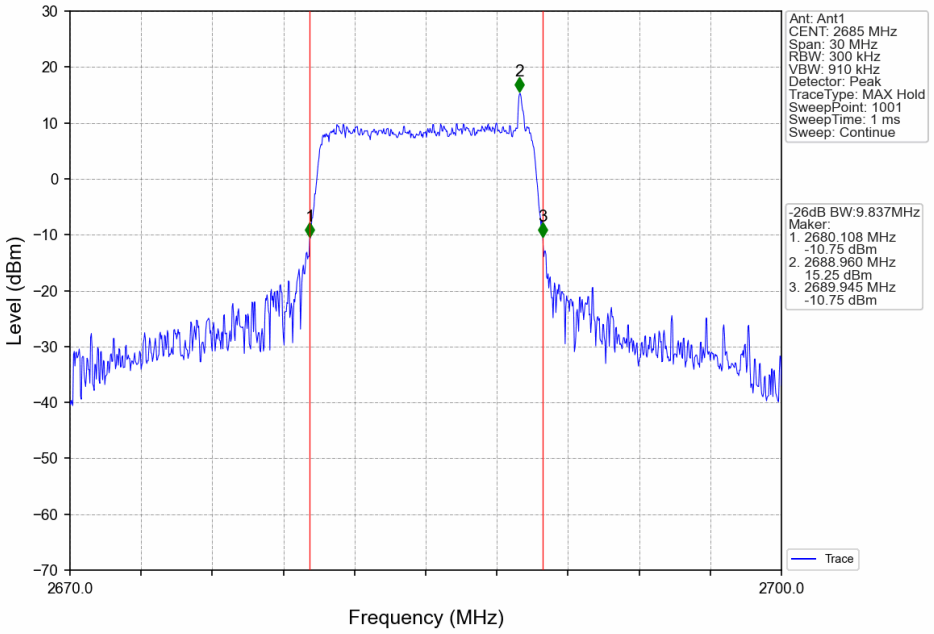
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



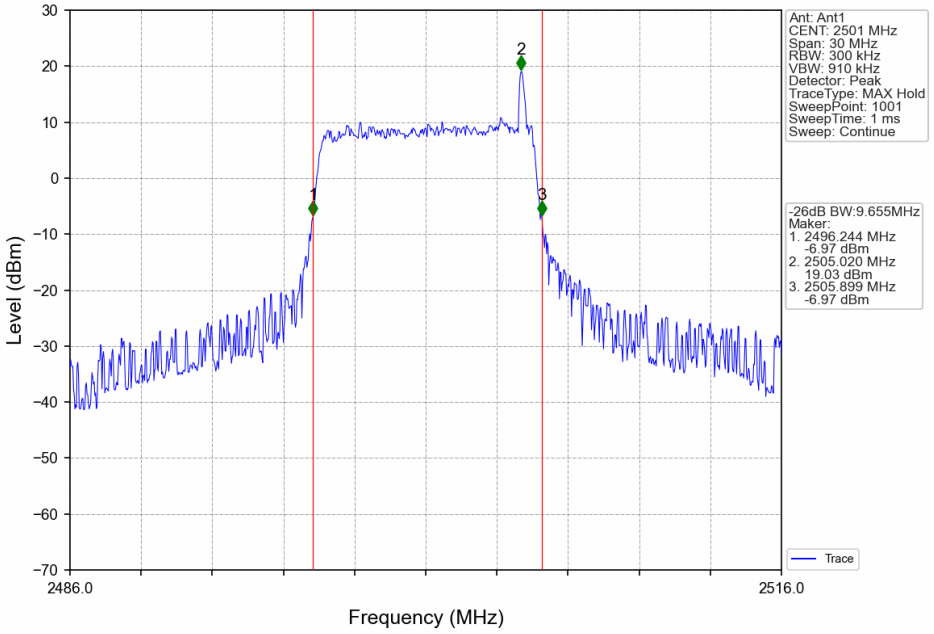
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



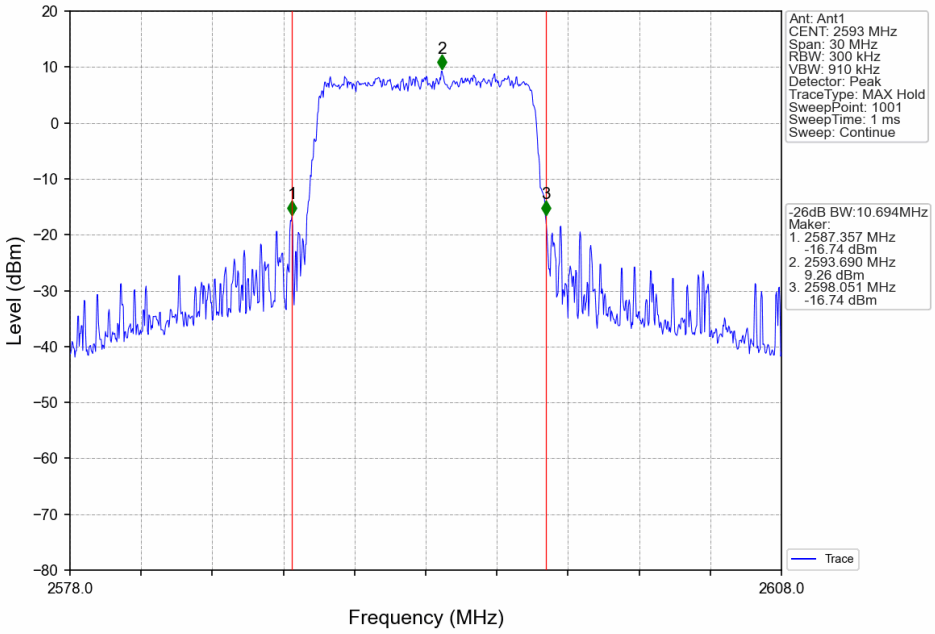
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



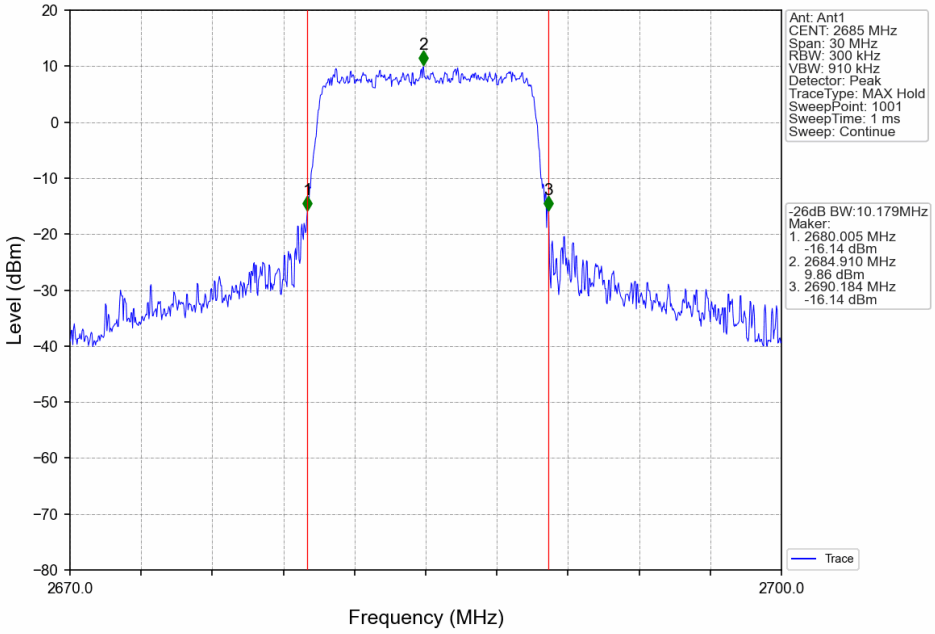
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



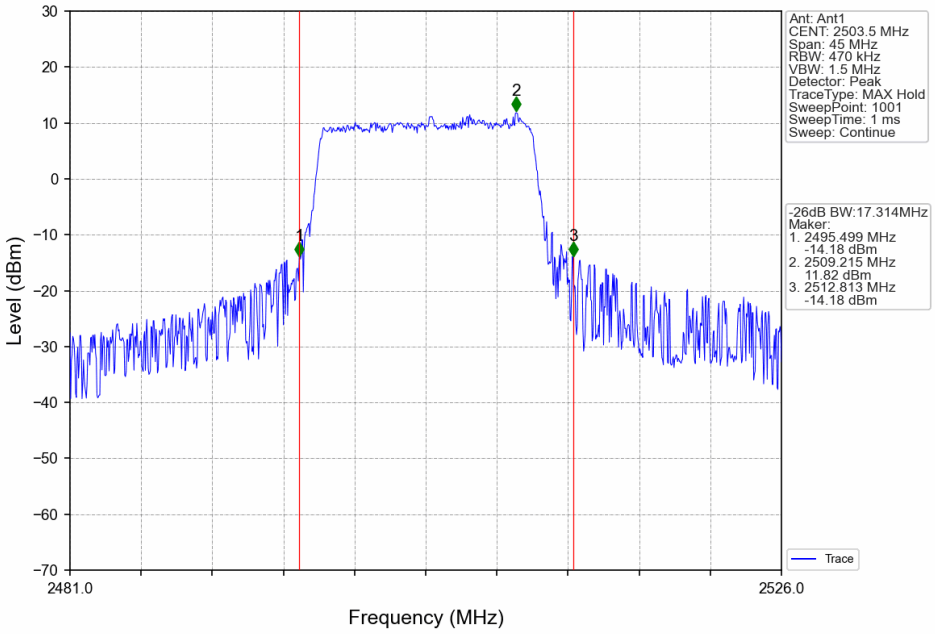
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



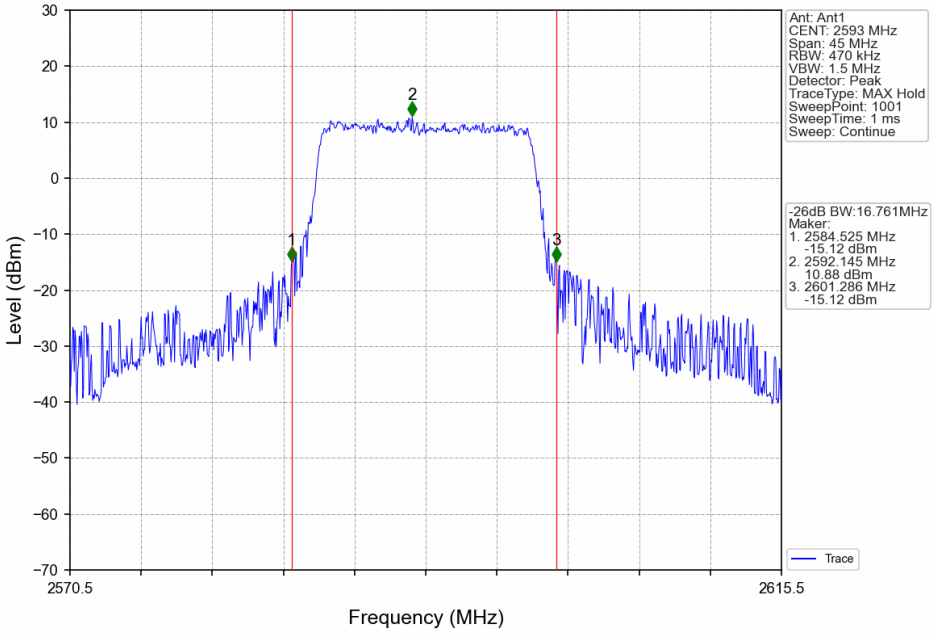
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



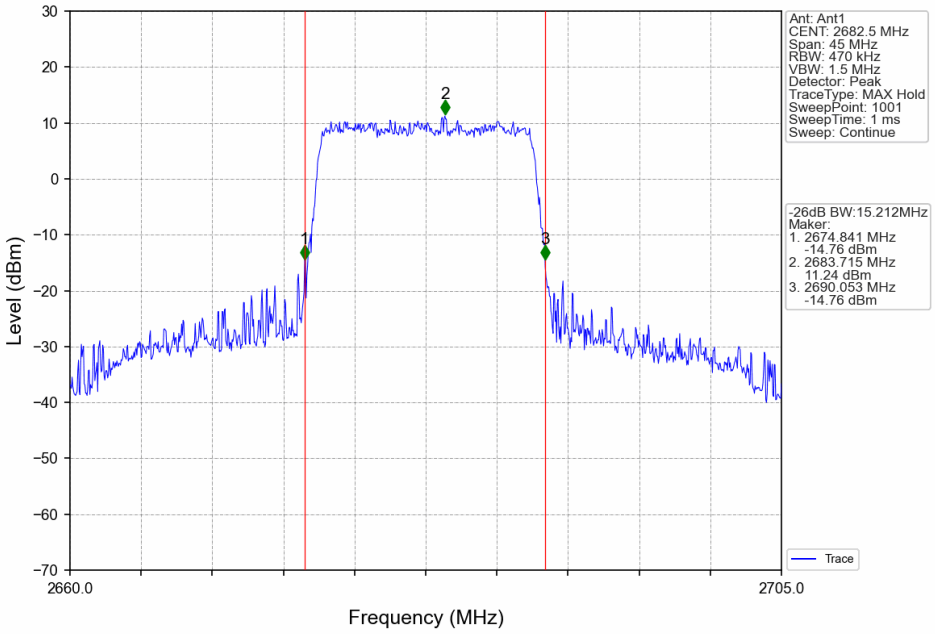
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



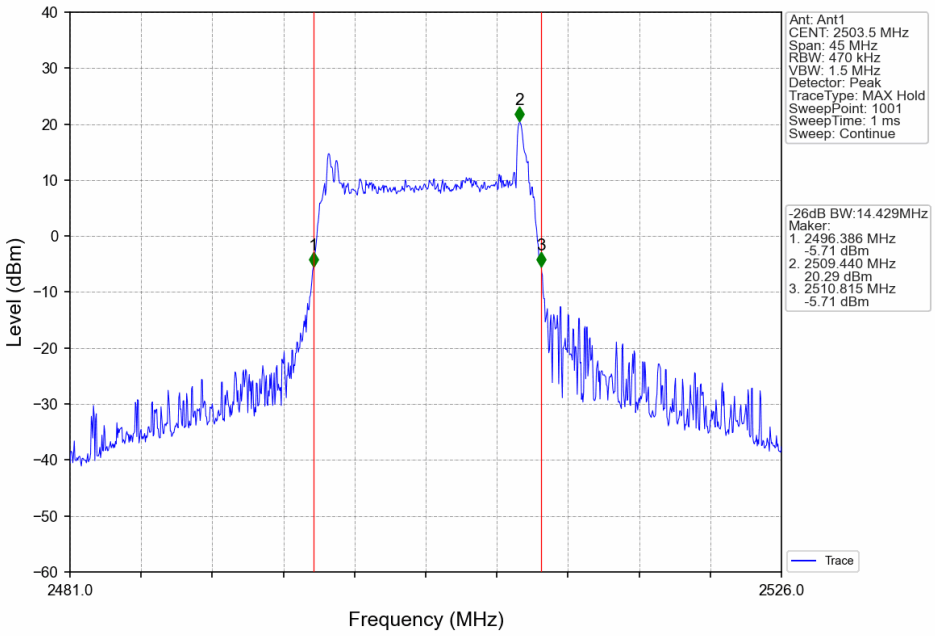
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



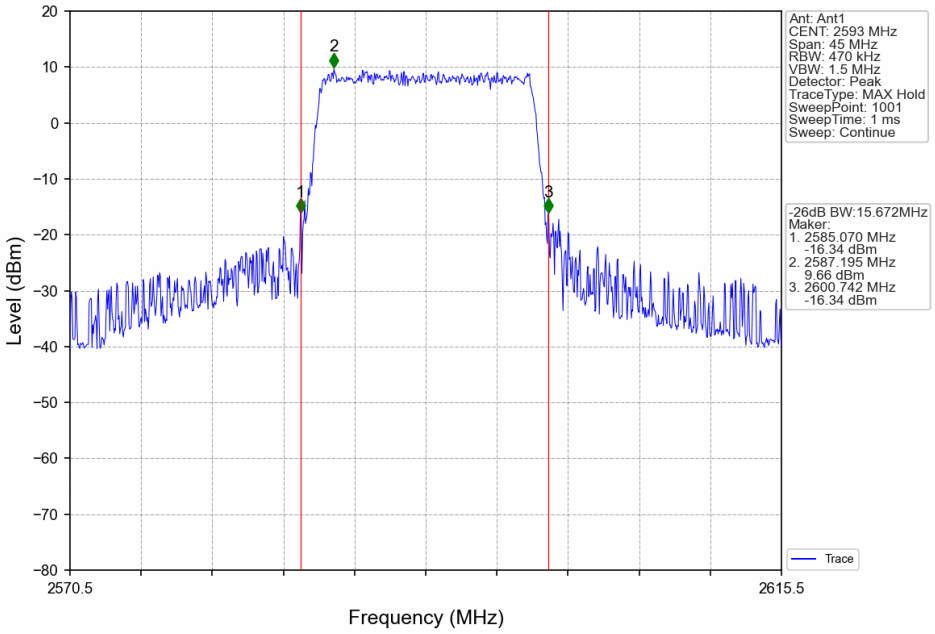
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



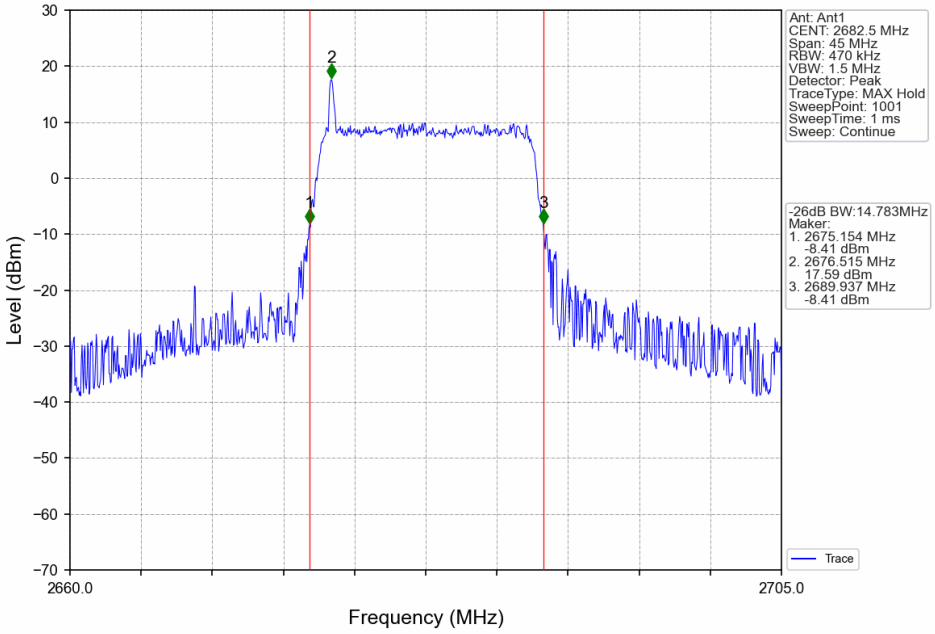
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



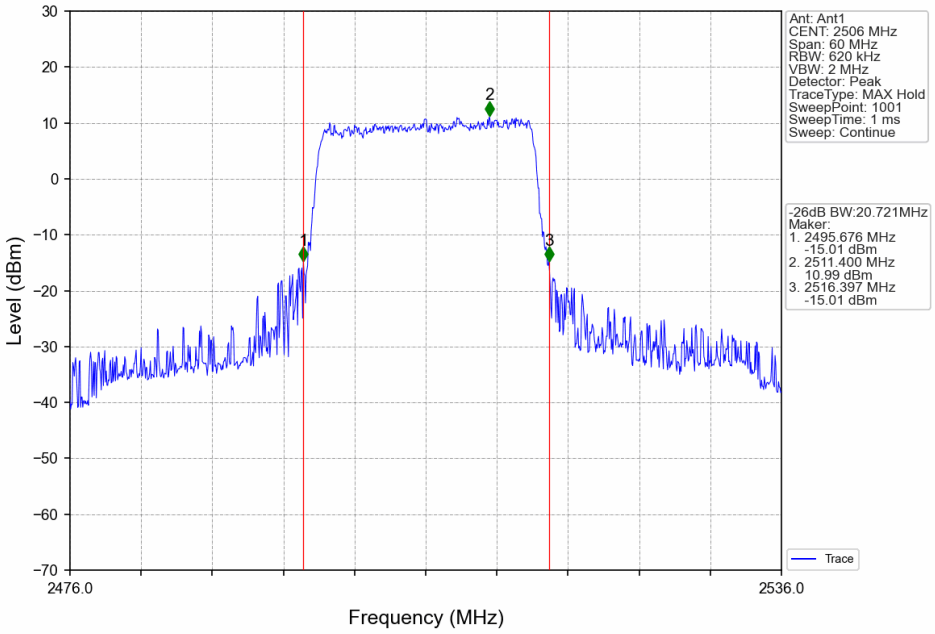
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



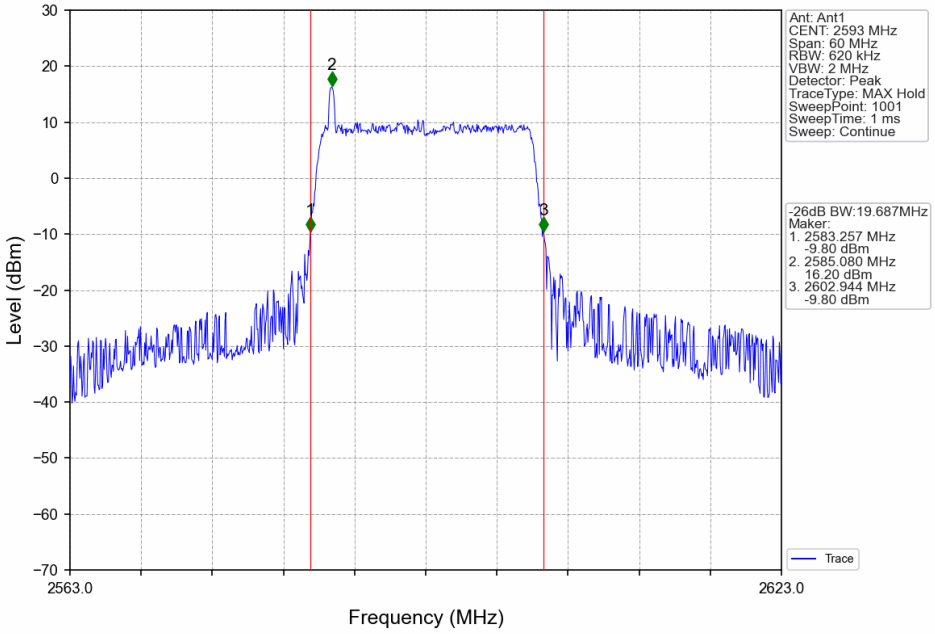
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



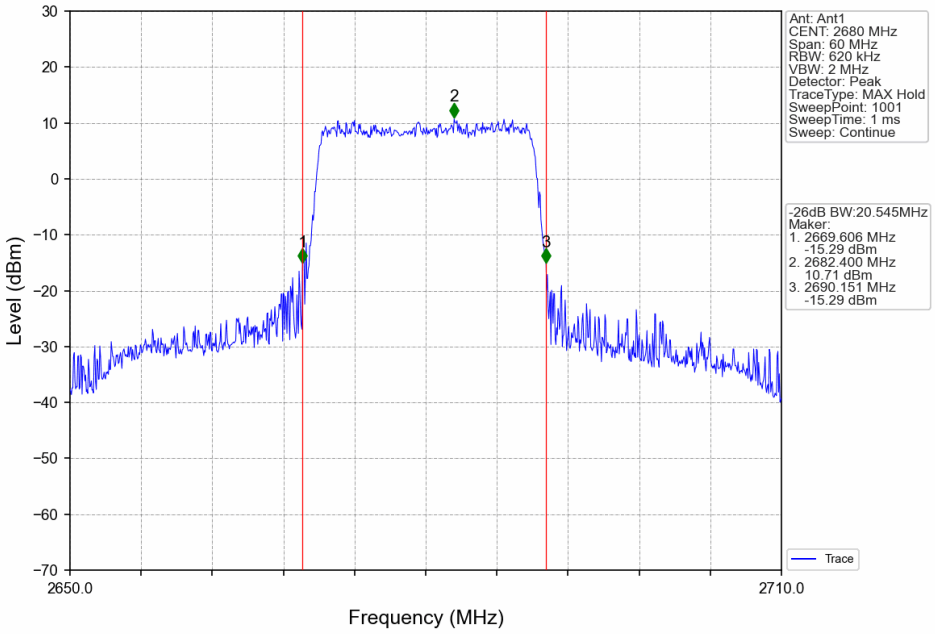
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



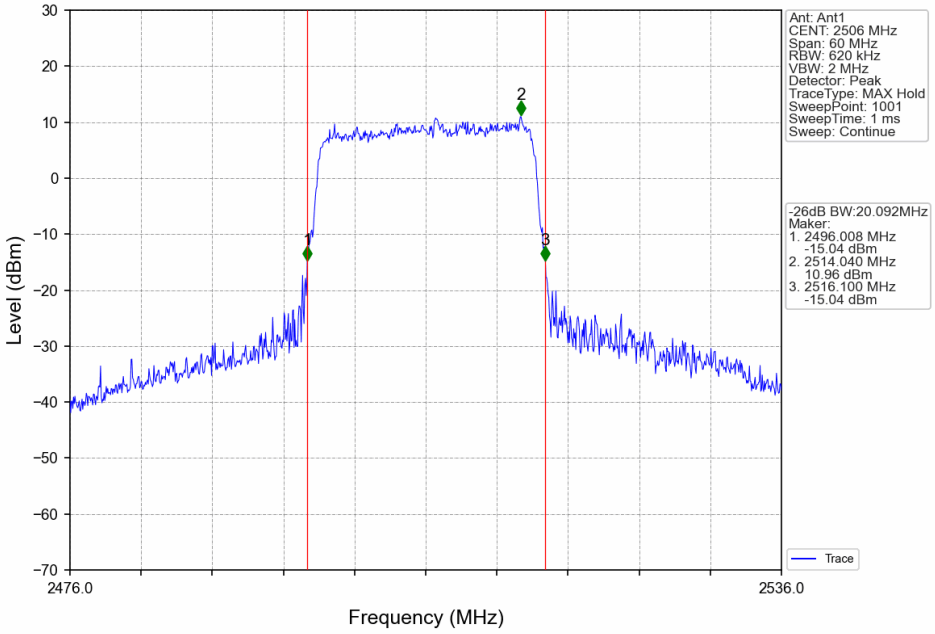
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



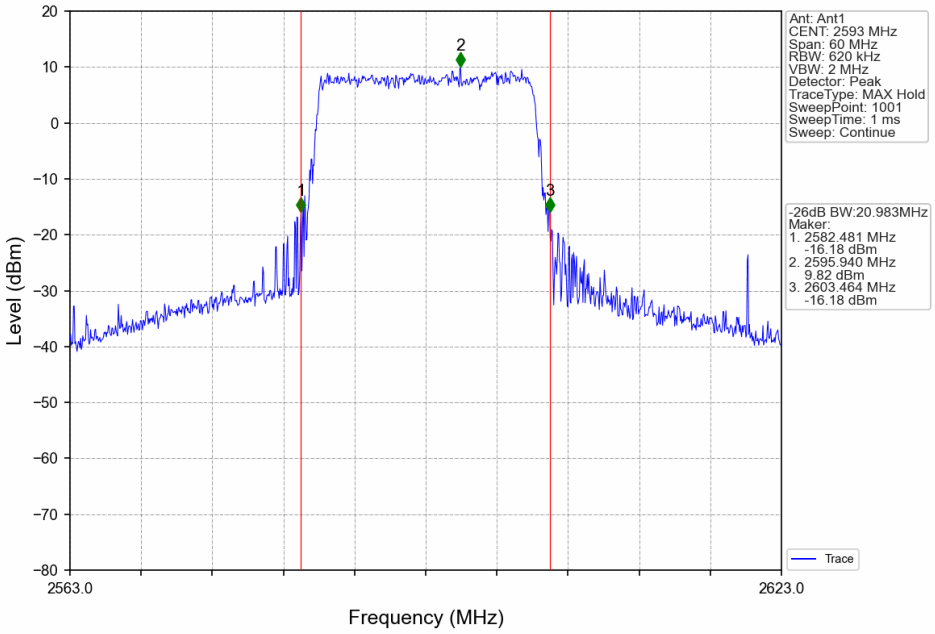
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



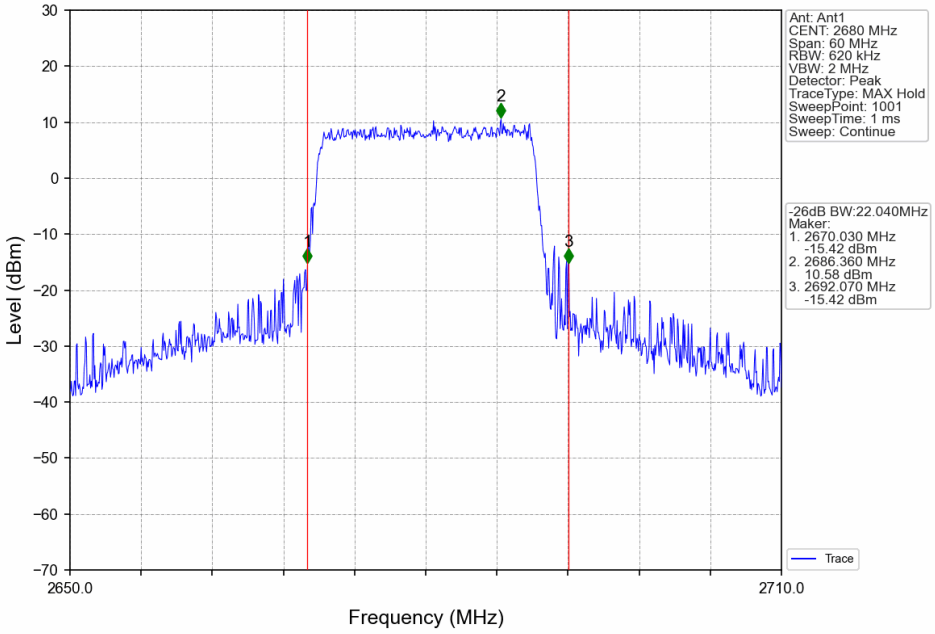
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



5. Peak-Average Ratio

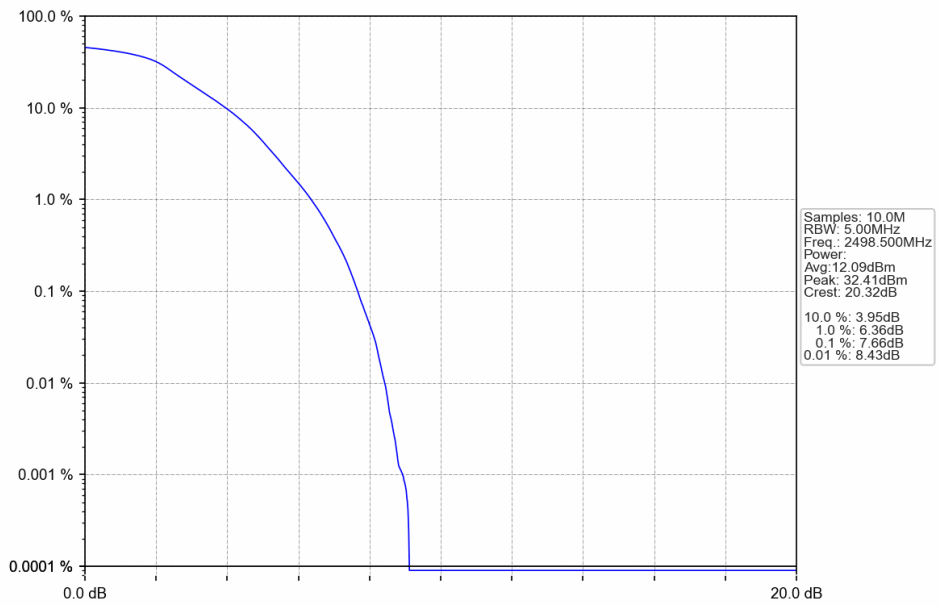
5.1 B41_5MHz

5.1.1 Test Result

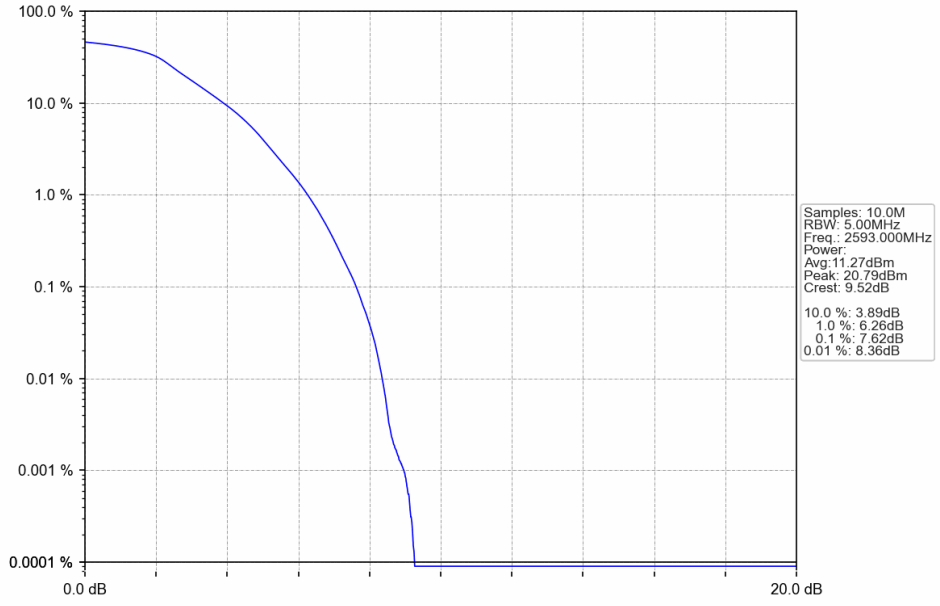
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.66	<=13	Pass
	2593	25	0	7.62	<=13	Pass
	2687.5	25	0	7.46	<=13	Pass
16QAM	2498.5	25	0	8.30	<=13	Pass
	2593	25	0	8.24	<=13	Pass
	2687.5	25	0	8.14	<=13	Pass

5.1.2 Test Graph

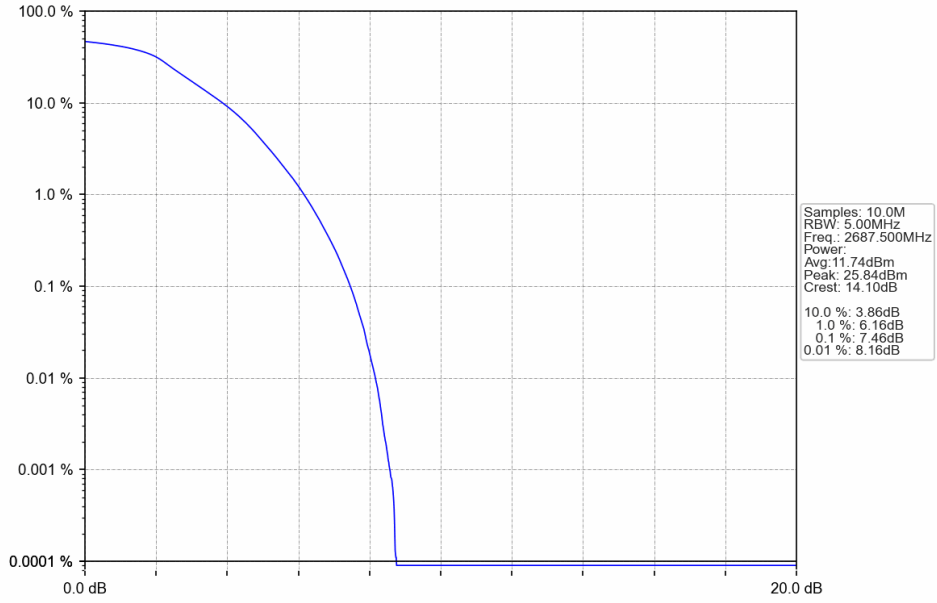
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



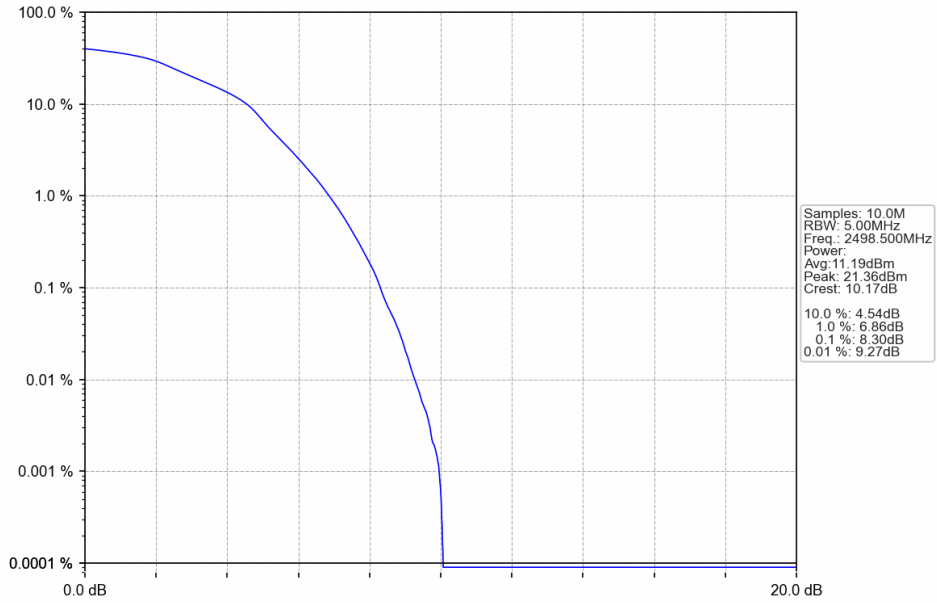
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



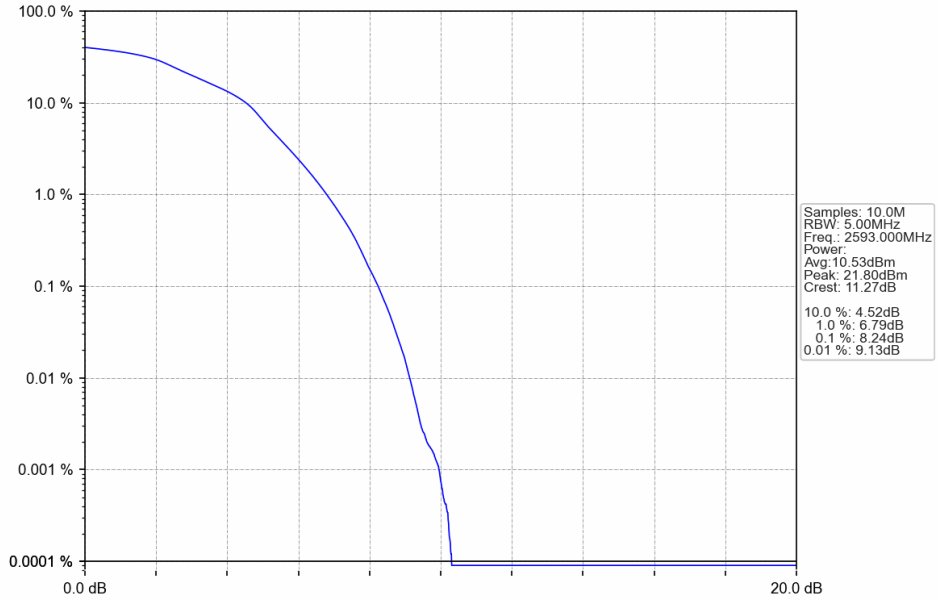
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



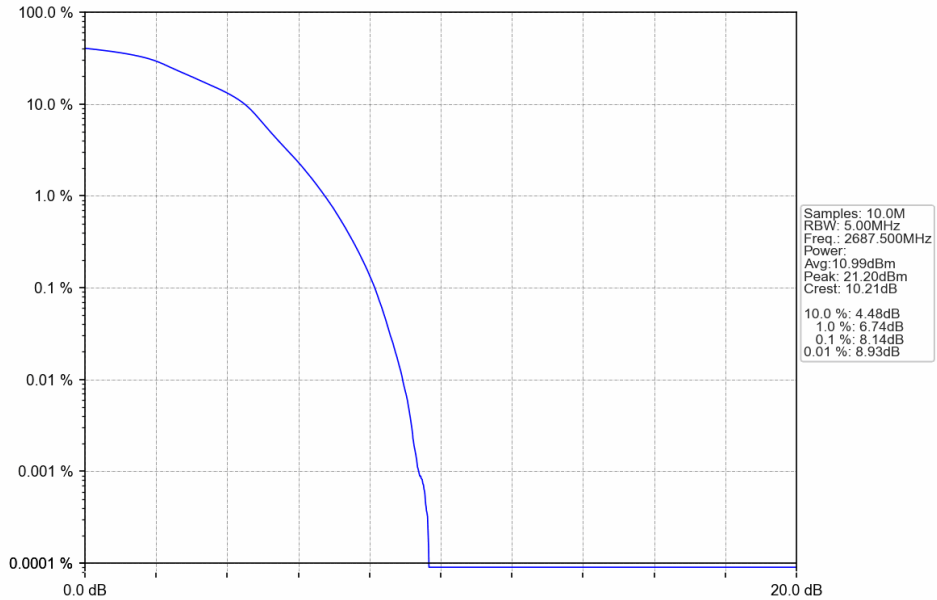
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



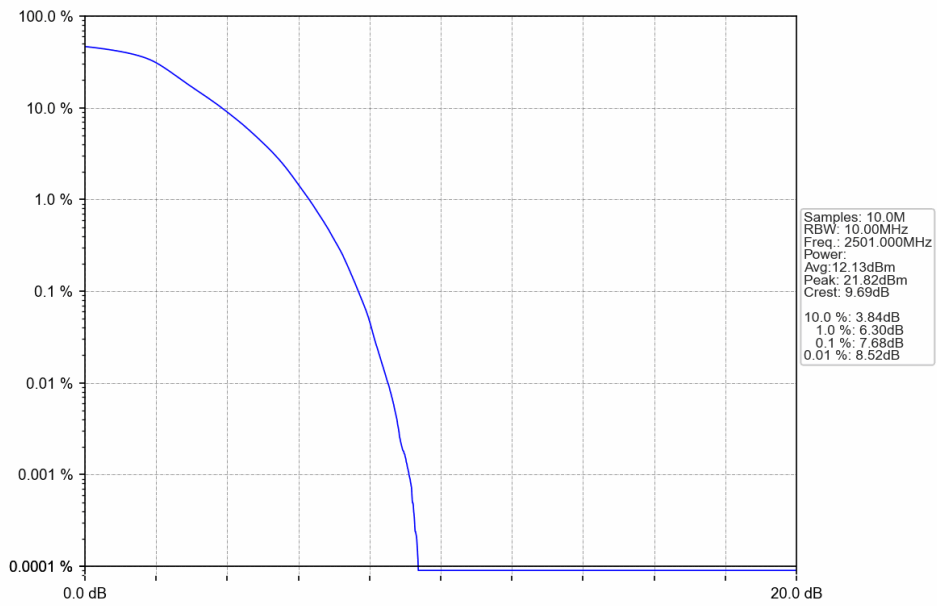
5.2 B41_10MHz

5.2.1 Test Result

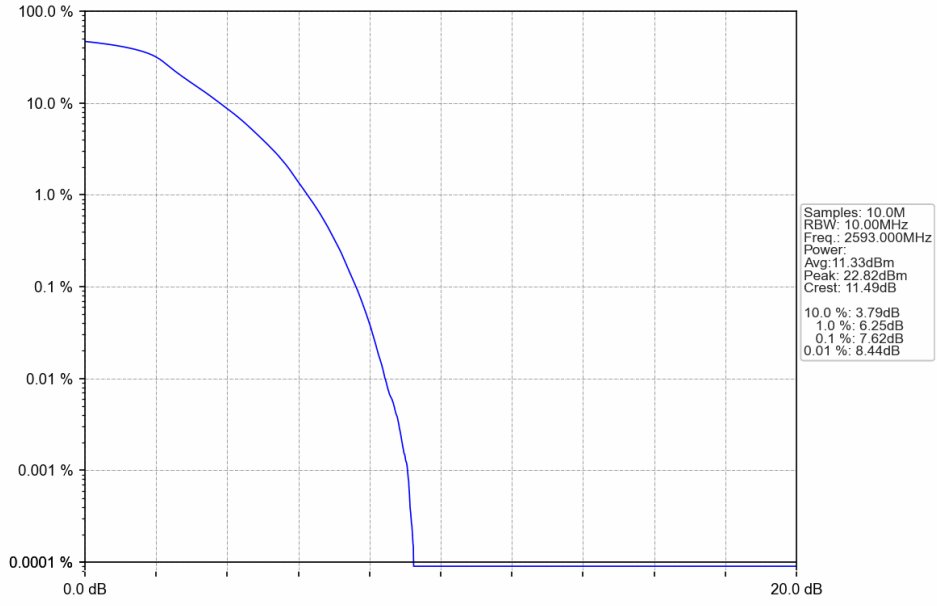
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.68	<=13	Pass
	2593	50	0	7.62	<=13	Pass
	2685	50	0	7.47	<=13	Pass
16QAM	2501	50	0	8.25	<=13	Pass
	2593	50	0	8.23	<=13	Pass
	2685	50	0	8.18	<=13	Pass

5.2.2 Test Graph

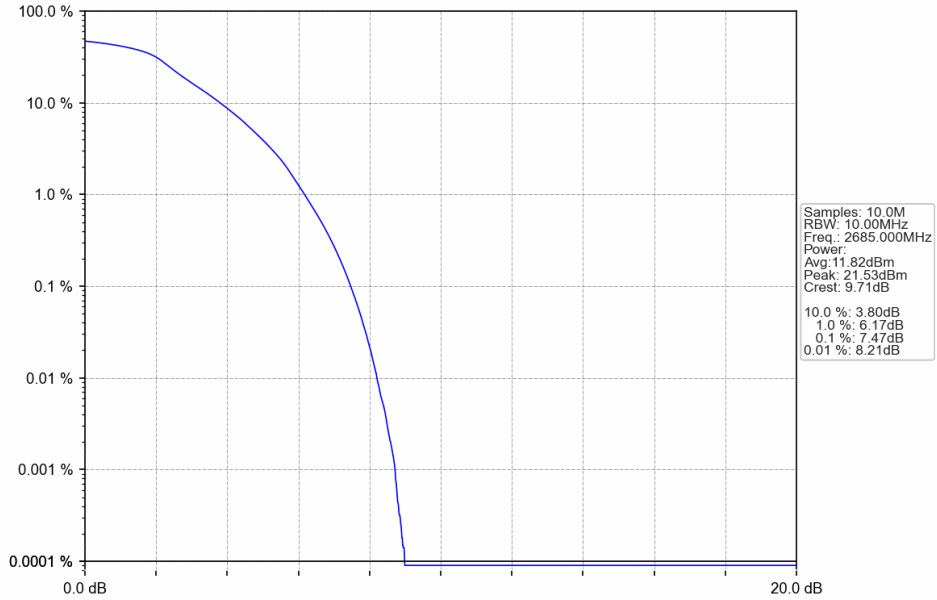
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



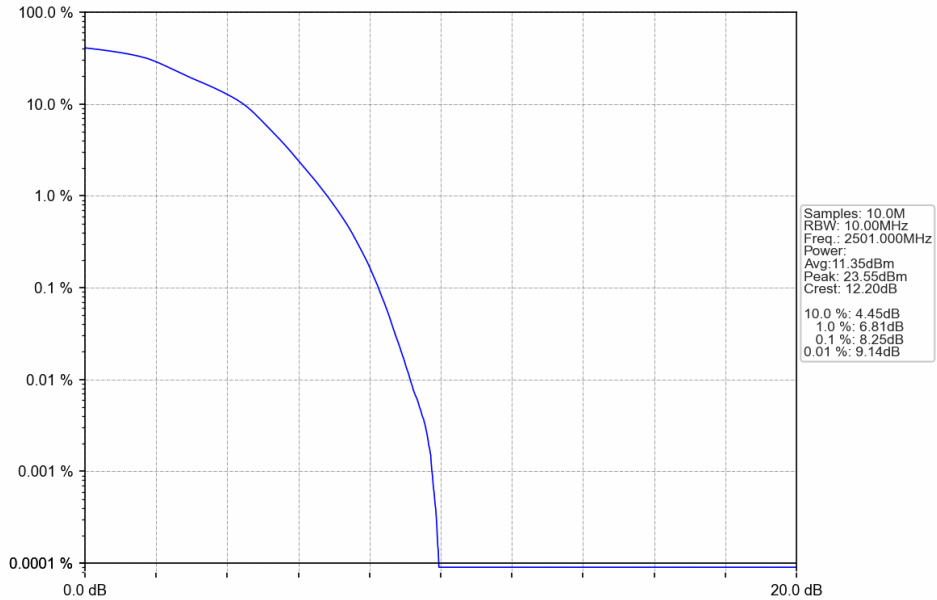
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



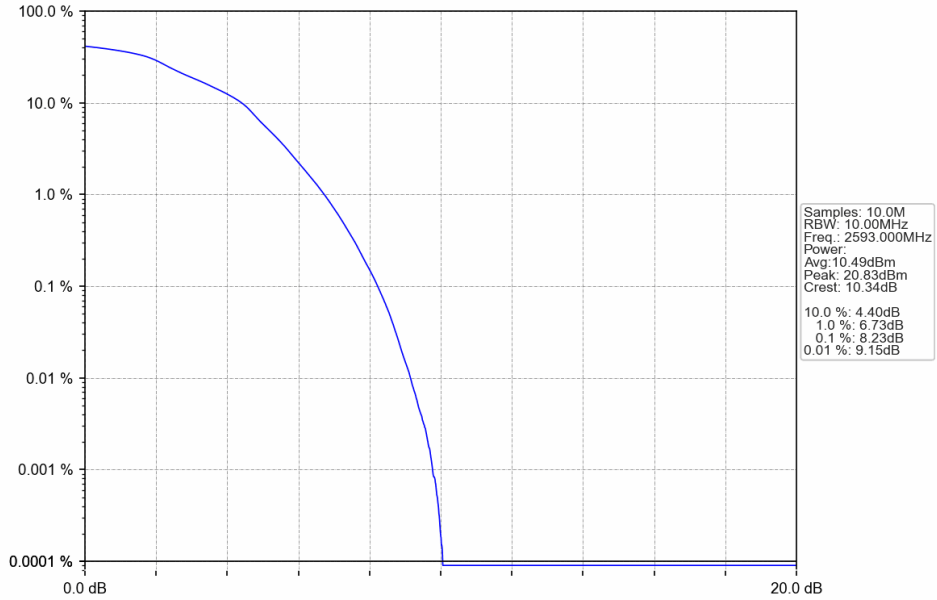
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



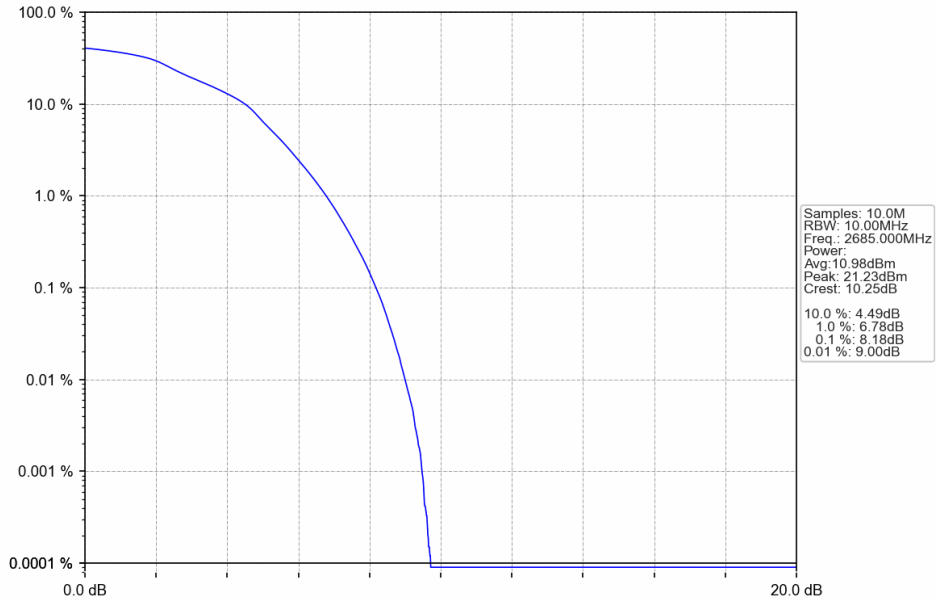
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



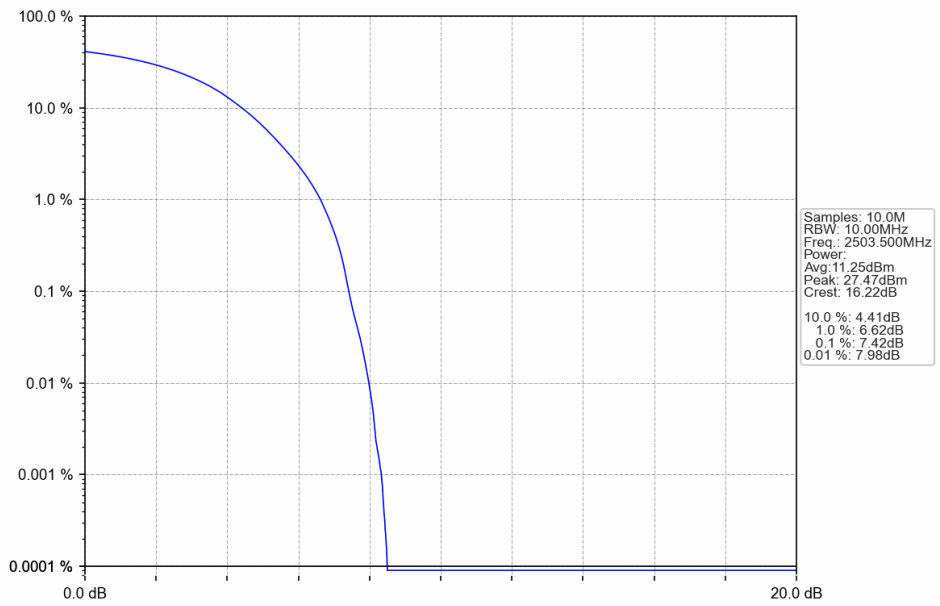
5.3 B41_15MHz

5.3.1 Test Result

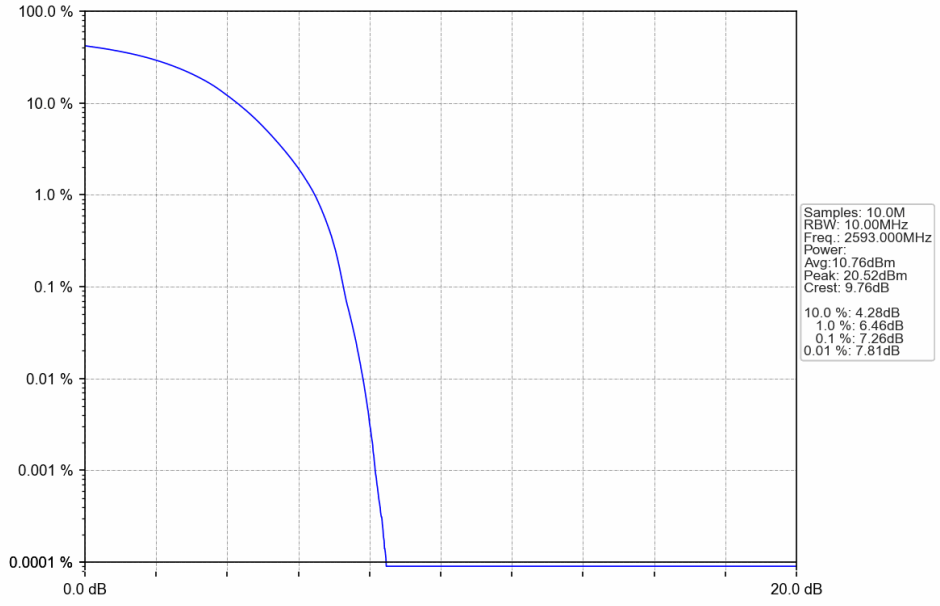
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.42	<=13	Pass
	2593	75	0	7.26	<=13	Pass
	2682.5	75	0	7.31	<=13	Pass
16QAM	2503.5	75	0	8.17	<=13	Pass
	2593	75	0	8.20	<=13	Pass
	2682.5	75	0	8.06	<=13	Pass

5.3.2 Test Graph

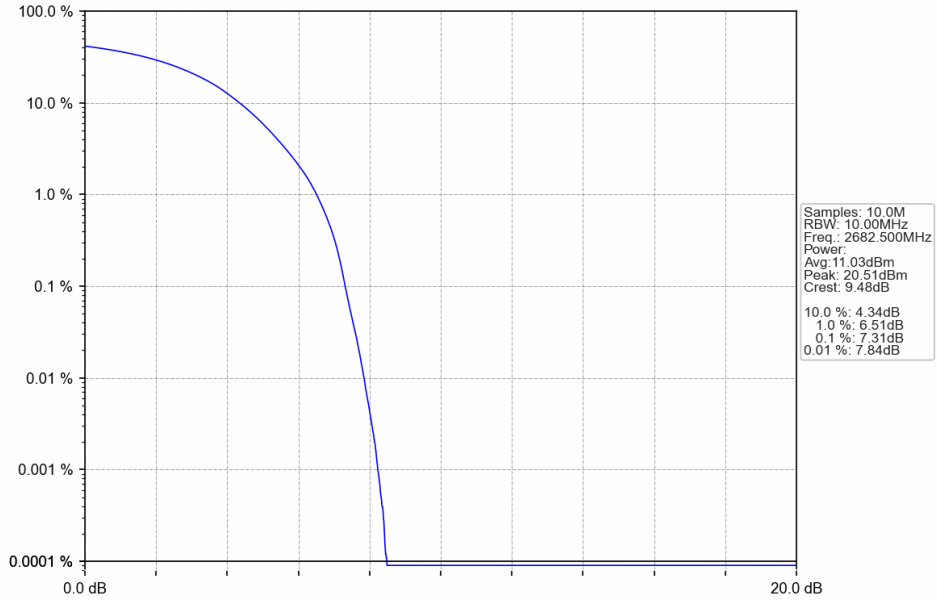
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



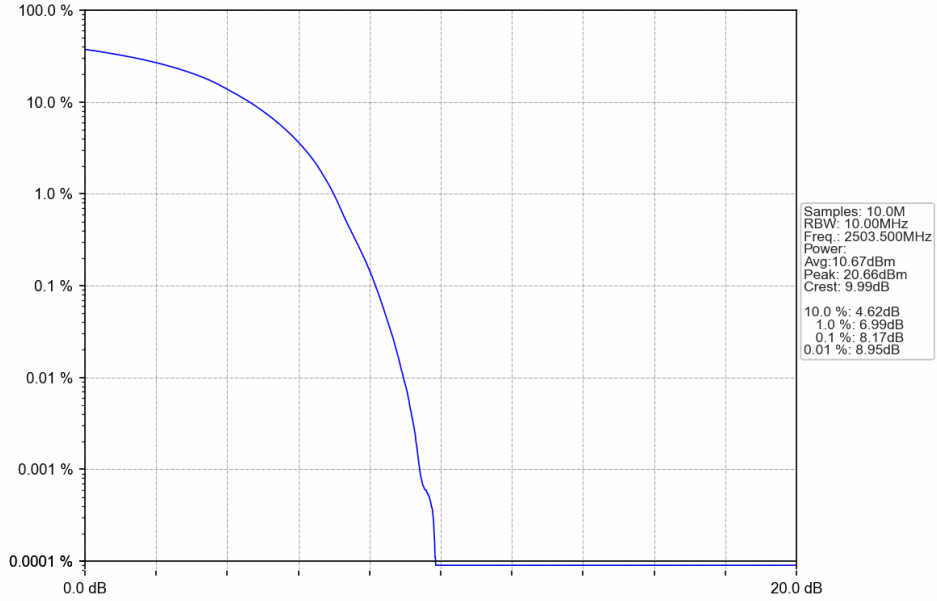
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



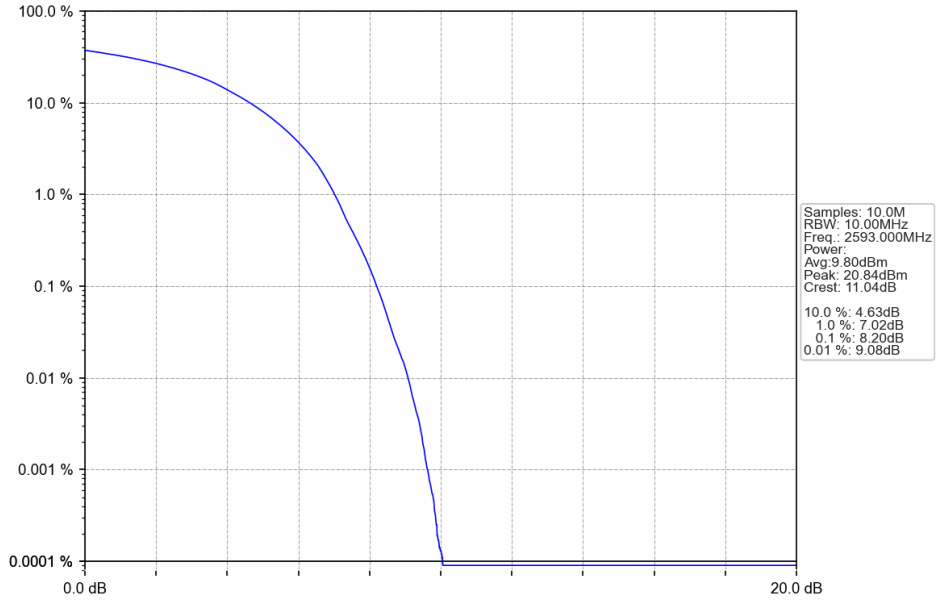
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



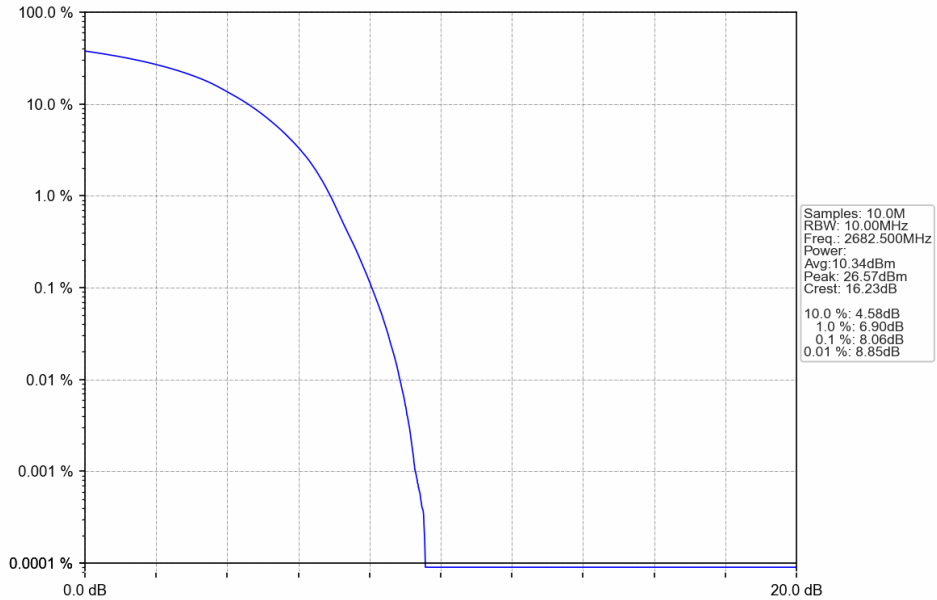
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



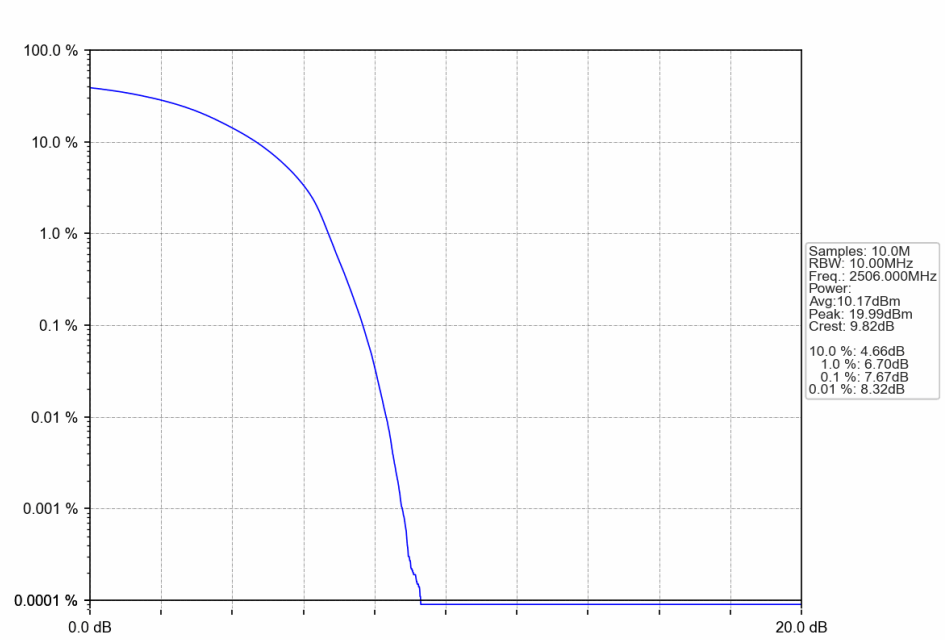
5.4 B41_20MHz

5.4.1 Test Result

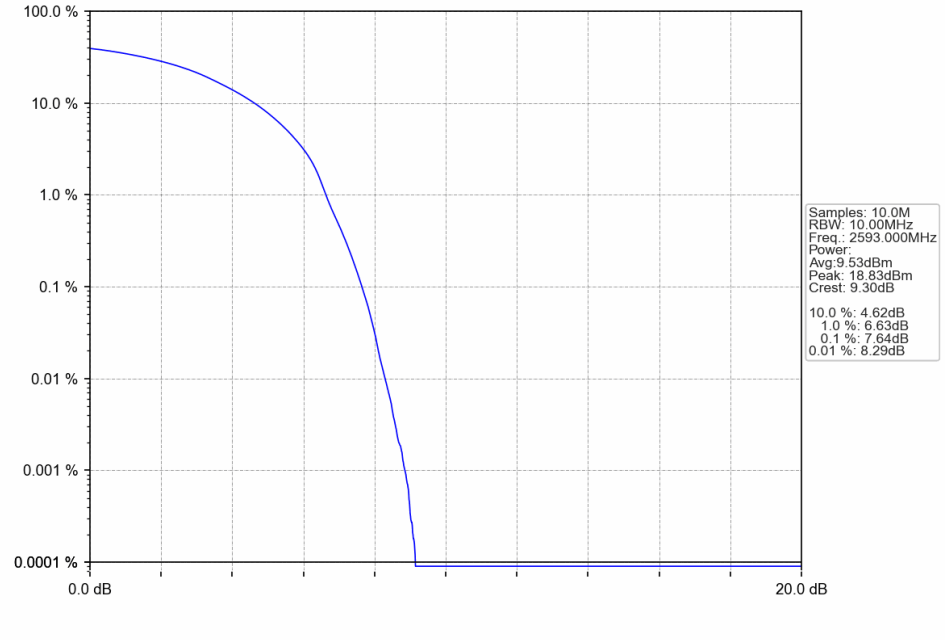
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.67	<=13	Pass
	2593	100	0	7.64	<=13	Pass
	2680	100	0	7.74	<=13	Pass
16QAM	2506	100	0	8.52	<=13	Pass
	2593	100	0	8.56	<=13	Pass
	2680	100	0	8.88	<=13	Pass

5.4.2 Test Graph

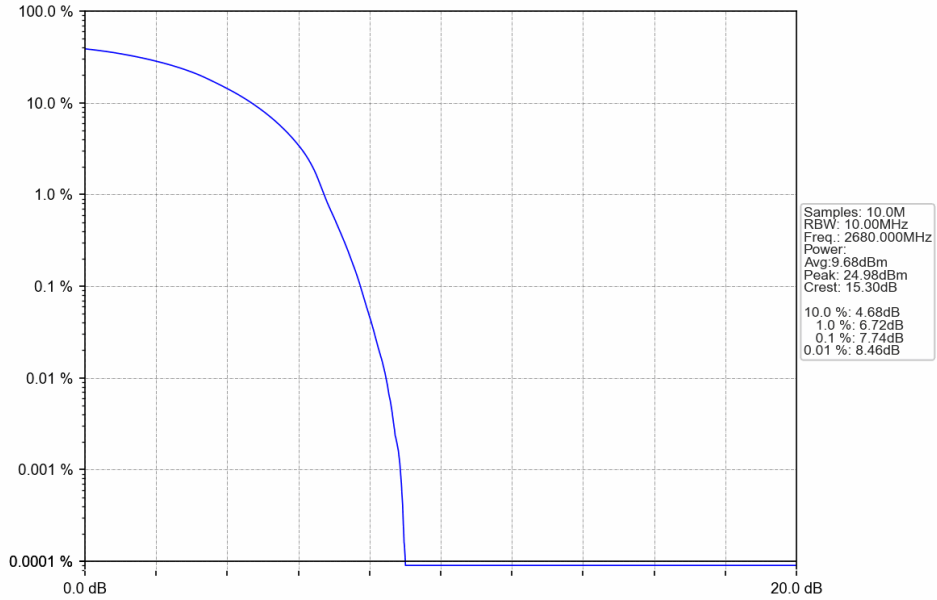
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



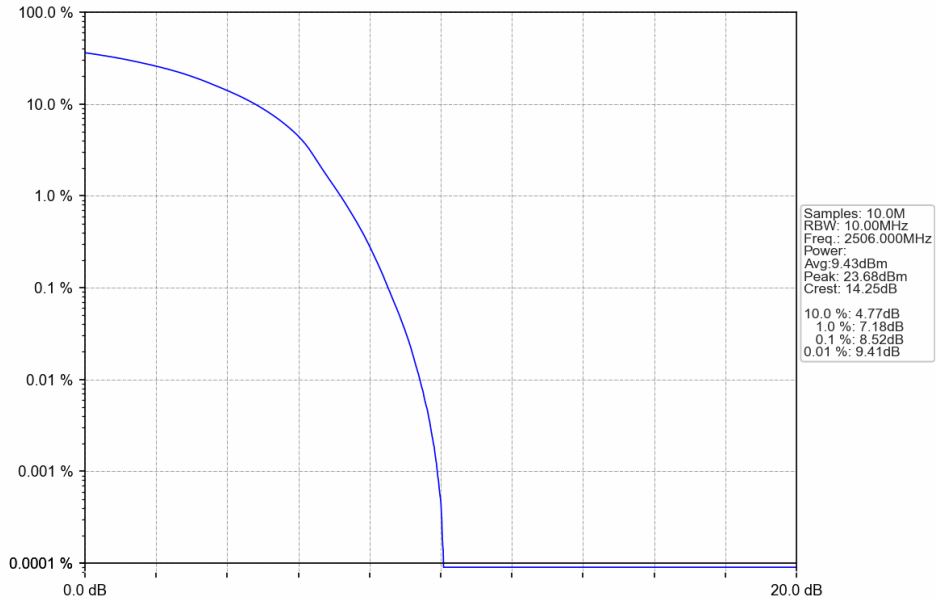
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



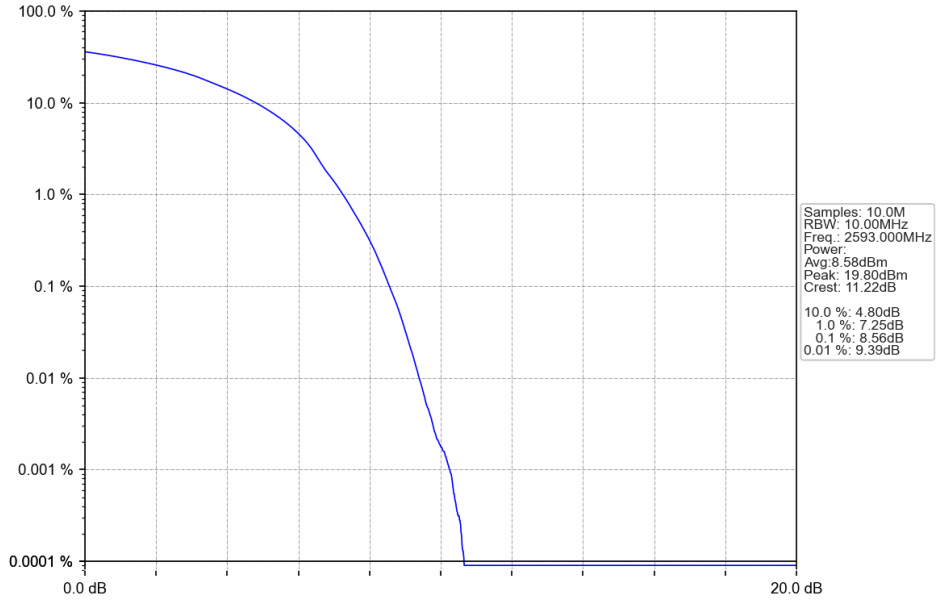
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



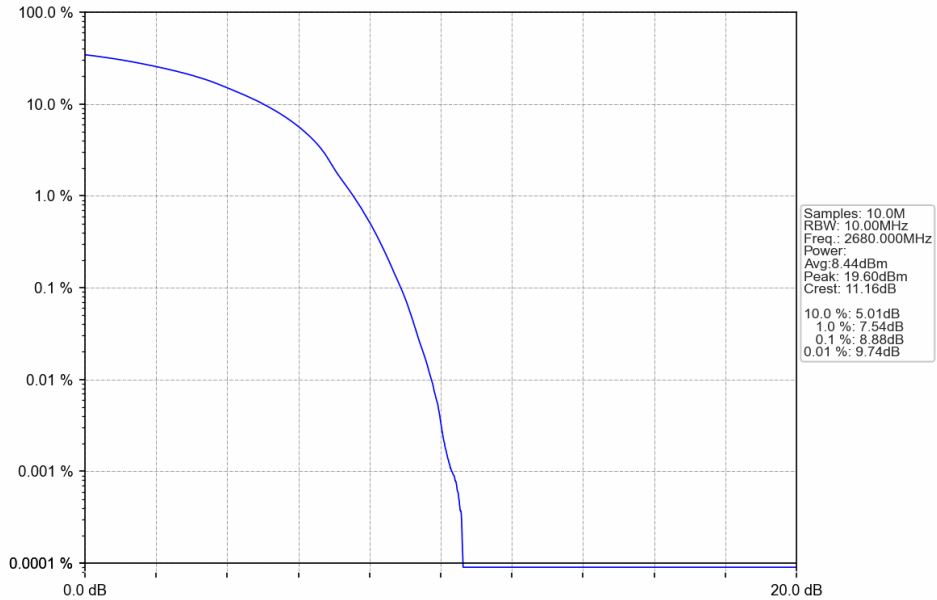
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



6. Spurious Emission

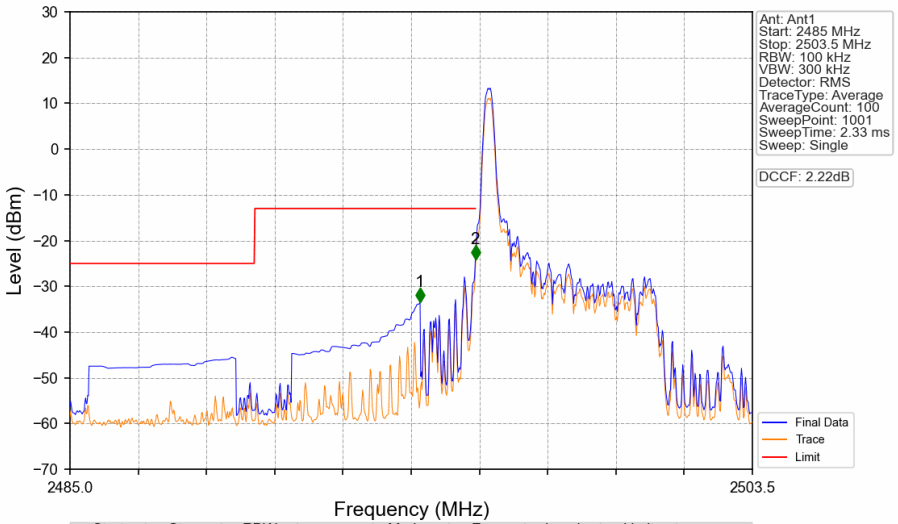
6.1 B41_5MHz

6.1.1 Test Result

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

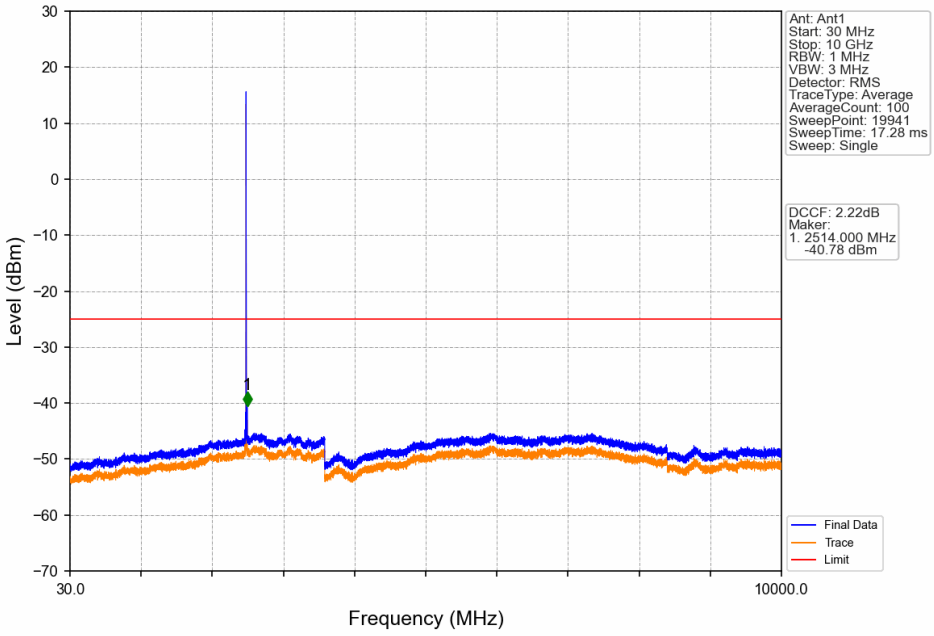
6.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

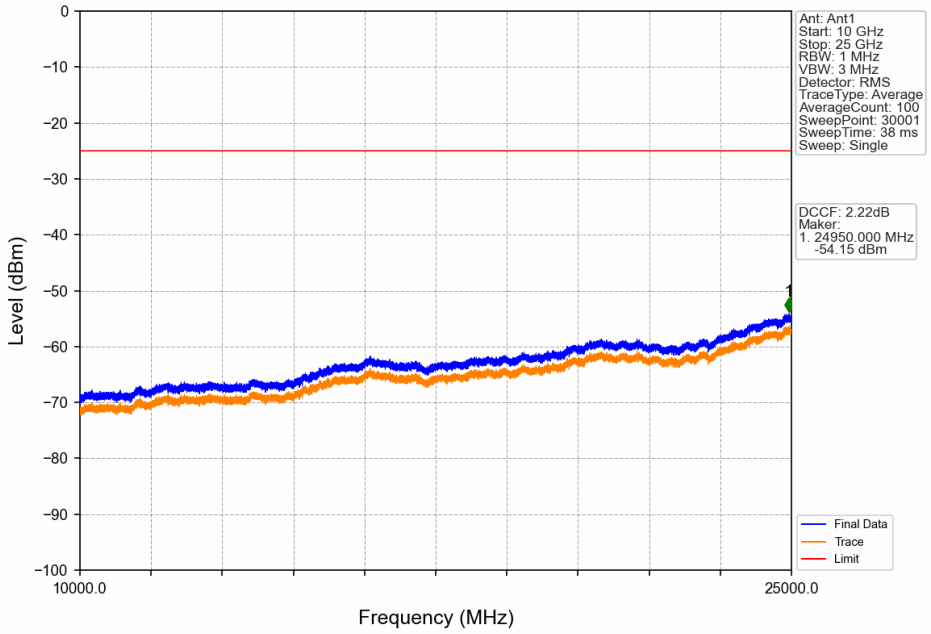


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-33.41	-13	Pass
2495	2496	0.1	/	2	2495.989	-24.08	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

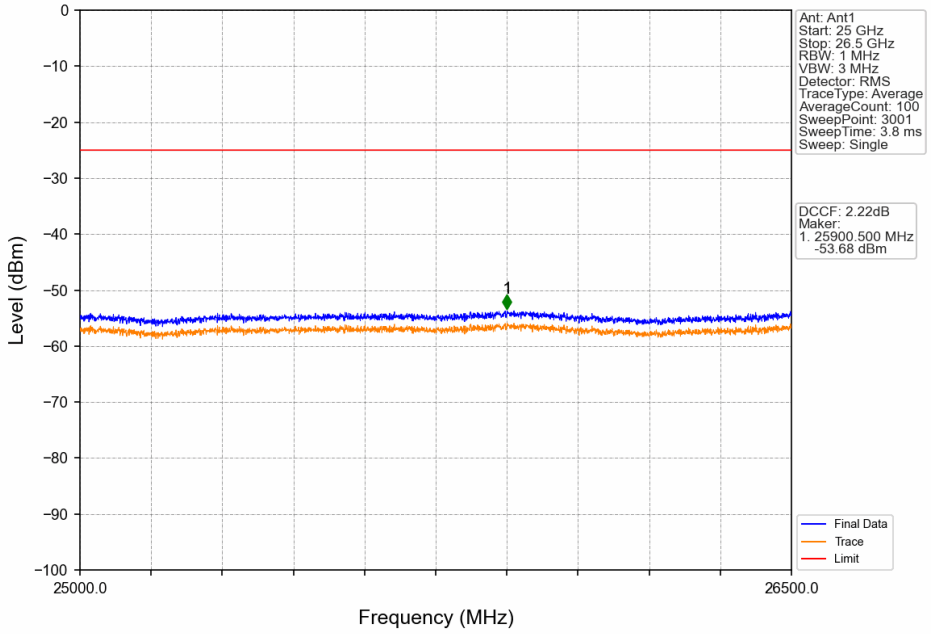
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



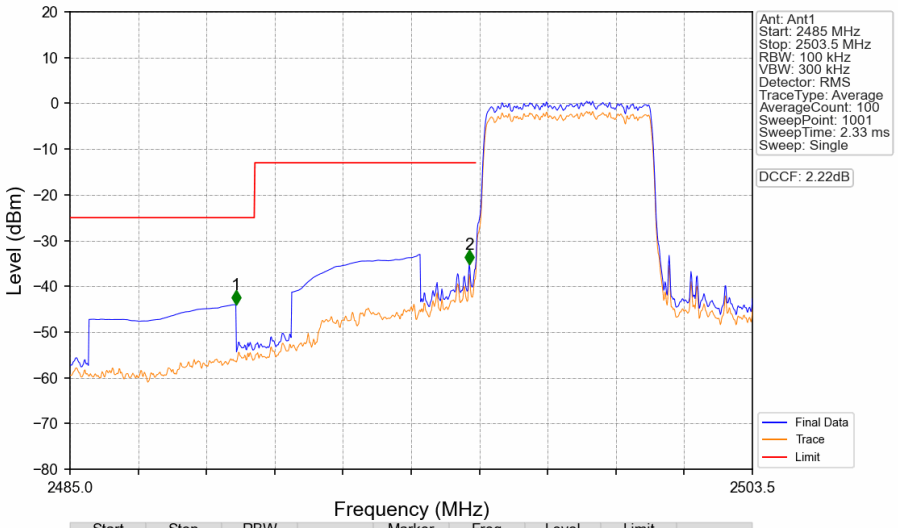
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

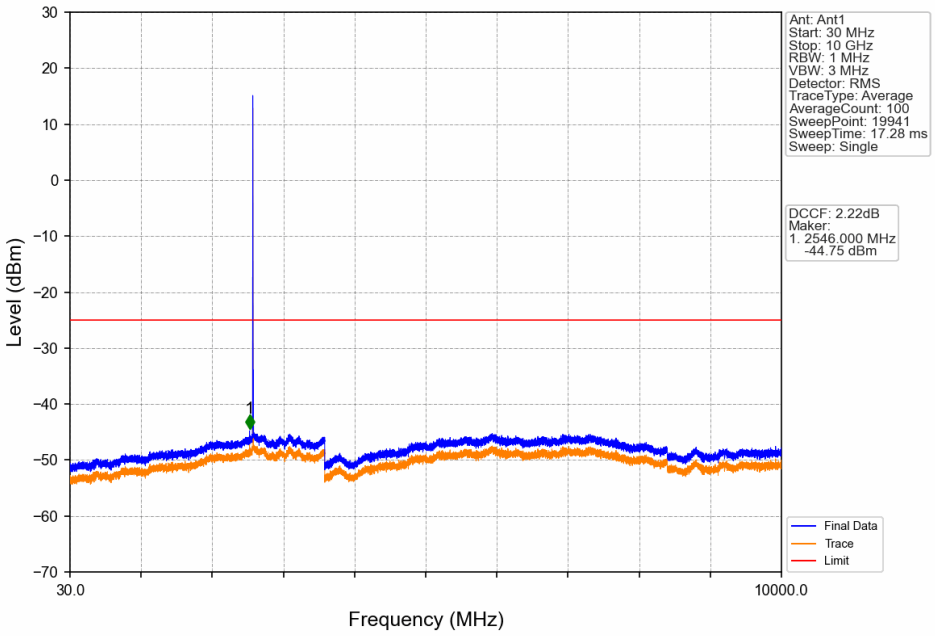


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

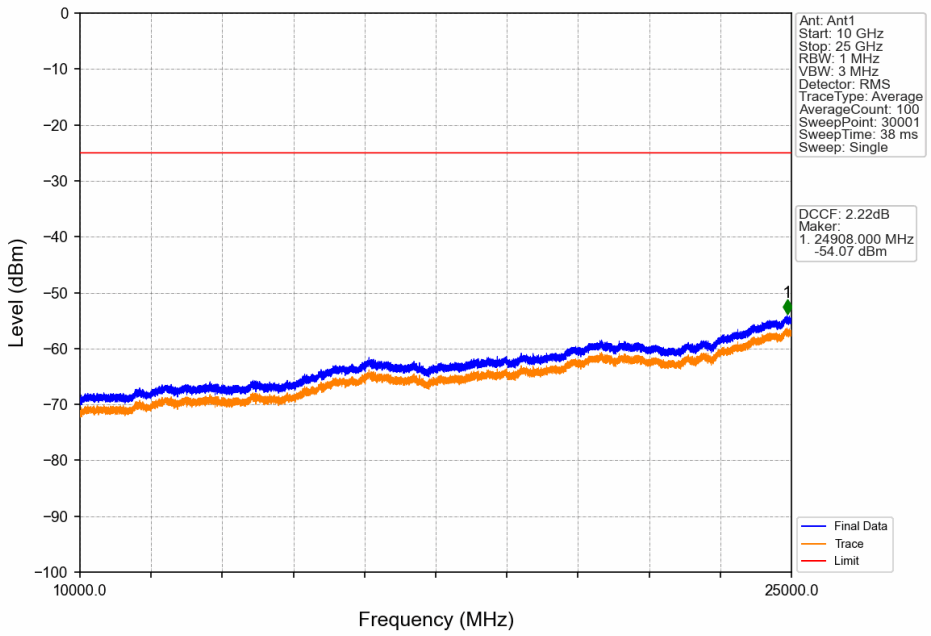


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.495	-44.04	-25	Pass
2495	2496	0.1	/	2	2495.823	-35.16	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

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