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	22.08	0.9	22.98	<=33.01	Pass
			13	22.05	0.9	22.95	<=33.01	Pass
			24	22.10	0.9	23	<=33.01	Pass
		12	0	20.96	0.9	21.86	<=33.01	Pass
			6	20.98	0.9	21.88	<=33.01	Pass
			13	20.99	0.9	21.89	<=33.01	Pass
		25	0	20.96	0.9	21.86	<=33.01	Pass
	2593	1	0	23.17	0.9	23.52	<=33.01	Pass
			13	23.21	0.9	24.11	<=33.01	Pass
			24	23.25	0.9	24.15	<=33.01	Pass
		12	0	22.16	0.9	23.06	<=33.01	Pass
			6	22.16	0.9	23.06	<=33.01	Pass
			13	22.18	0.9	23.08	<=33.01	Pass
		25	0	22.21	0.9	23.11	<=33.01	Pass
	2687.5	1	0	23.54	0.9	24.44	<=33.01	Pass
			13	23.48	0.9	24.38	<=33.01	Pass
			24	23.31	0.9	24.21	<=33.01	Pass
		12	0	22.33	0.9	23.23	<=33.01	Pass
			6	22.28	0.9	23.18	<=33.01	Pass
			13	22.25	0.9	23.15	<=33.01	Pass
		25	0	22.34	0.9	23.24	<=33.01	Pass
16QAM	2498.5	1	0	21.00	0.9	21.9	<=33.01	Pass
			13	20.96	0.9	21.86	<=33.01	Pass
			24	20.98	0.9	21.88	<=33.01	Pass
		12	0	19.91	0.9	20.81	<=33.01	Pass
			6	19.93	0.9	20.83	<=33.01	Pass
			13	19.90	0.9	20.8	<=33.01	Pass
		25	0	19.96	0.9	20.86	<=33.01	Pass
	2593	1	0	22.13	0.9	23.03	<=33.01	Pass
			13	22.17	0.9	23.07	<=33.01	Pass
			24	22.26	0.9	23.16	<=33.01	Pass
		12	0	21.21	0.9	22.11	<=33.01	Pass
			6	21.22	0.9	22.12	<=33.01	Pass
			13	21.20	0.9	22.1	<=33.01	Pass
		25	0	21.28	0.9	22.18	<=33.01	Pass
	2687.5	1	0	22.36	0.9	23.26	<=33.01	Pass
			13	22.37	0.9	23.27	<=33.01	Pass
			24	22.52	0.9	23.42	<=33.01	Pass
		12	0	21.31	0.9	22.21	<=33.01	Pass
			6	21.32	0.9	22.22	<=33.01	Pass
			13	21.26	0.9	22.16	<=33.01	Pass
		25	0	21.26	0.9	22.16	<=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	22.07	0.9	22.97	<=33.01	Pass
			25	22.16	0.9	23.06	<=33.01	Pass
			49	22.02	0.9	22.92	<=33.01	Pass
		25	0	20.93	0.9	21.83	<=33.01	Pass
			13	20.99	0.9	21.89	<=33.01	Pass
			25	21.01	0.9	21.91	<=33.01	Pass
		50	0	20.99	0.9	21.89	<=33.01	Pass
	2593	1	0	23.12	0.9	23.52	<=33.01	Pass
			25	23.22	0.9	24.12	<=33.01	Pass
			49	23.30	0.9	24.2	<=33.01	Pass
		25	0	22.15	0.9	23.05	<=33.01	Pass
			13	22.23	0.9	23.13	<=33.01	Pass
			25	22.25	0.9	23.15	<=33.01	Pass
		50	0	22.27	0.9	23.17	<=33.01	Pass
	2685	1	0	23.37	0.9	24.27	<=33.01	Pass
			25	23.41	0.9	24.31	<=33.01	Pass
			49	23.19	0.9	24.09	<=33.01	Pass
		25	0	22.45	0.9	23.35	<=33.01	Pass
			13	22.43	0.9	23.33	<=33.01	Pass
			25	22.37	0.9	23.27	<=33.01	Pass
		50	0	22.37	0.9	23.27	<=33.01	Pass
16QAM	2501	1	0	21.05	0.9	21.95	<=33.01	Pass
			25	21.07	0.9	21.97	<=33.01	Pass
			49	20.99	0.9	21.89	<=33.01	Pass
		25	0	19.95	0.9	20.85	<=33.01	Pass
			13	20.01	0.9	20.91	<=33.01	Pass
			25	20.03	0.9	20.93	<=33.01	Pass
		50	0	19.96	0.9	20.86	<=33.01	Pass
	2593	1	0	22.01	0.9	22.91	<=33.01	Pass
			25	22.02	0.9	22.92	<=33.01	Pass
			49	22.18	0.9	23.08	<=33.01	Pass
		25	0	21.16	0.9	22.06	<=33.01	Pass
			13	21.24	0.9	22.14	<=33.01	Pass
			25	21.28	0.9	22.18	<=33.01	Pass
		50	0	21.21	0.9	22.11	<=33.01	Pass
	2685	1	0	22.41	0.9	23.31	<=33.01	Pass
			25	22.31	0.9	23.21	<=33.01	Pass
			49	22.26	0.9	23.16	<=33.01	Pass
		25	0	21.51	0.9	22.41	<=33.01	Pass
			13	21.45	0.9	22.35	<=33.01	Pass
			25	21.34	0.9	22.24	<=33.01	Pass
		50	0	21.48	0.9	22.97	<=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	22.00	0.9	22.9	<=33.01	Pass
			38	22.03	0.9	22.93	<=33.01	Pass
			74	21.97	0.9	22.87	<=33.01	Pass
		36	0	20.90	0.9	21.8	<=33.01	Pass
			18	20.93	0.9	21.83	<=33.01	Pass
			39	20.92	0.9	21.82	<=33.01	Pass
		75	0	20.91	0.9	21.81	<=33.01	Pass
	2593	1	0	23.02	0.9	23.52	<=33.01	Pass
			38	23.20	0.9	24.1	<=33.01	Pass
			74	23.21	0.9	24.11	<=33.01	Pass
		36	0	22.06	0.9	22.96	<=33.01	Pass
			18	22.17	0.9	23.07	<=33.01	Pass
			39	22.23	0.9	23.13	<=33.01	Pass
		75	0	22.17	0.9	23.07	<=33.01	Pass
	2682.5	1	0	23.35	0.9	24.25	<=33.01	Pass
			38	23.51	0.9	24.41	<=33.01	Pass
			74	23.13	0.9	24.03	<=33.01	Pass
		36	0	22.46	0.9	23.36	<=33.01	Pass
			18	22.36	0.9	23.26	<=33.01	Pass
			39	22.31	0.9	23.21	<=33.01	Pass
		75	0	22.38	0.9	23.28	<=33.01	Pass
16QAM	2503.5	1	0	20.82	0.9	21.72	<=33.01	Pass
			38	21.01	0.9	21.91	<=33.01	Pass
			74	21.04	0.9	21.94	<=33.01	Pass
		36	0	19.91	0.9	20.81	<=33.01	Pass
			18	19.94	0.9	20.84	<=33.01	Pass
			39	19.90	0.9	20.8	<=33.01	Pass
		75	0	19.93	0.9	20.83	<=33.01	Pass
	2593	1	0	21.91	0.9	22.81	<=33.01	Pass
			38	22.02	0.9	22.92	<=33.01	Pass
			74	22.17	0.9	23.07	<=33.01	Pass
		36	0	21.05	0.9	21.95	<=33.01	Pass
			18	21.13	0.9	22.03	<=33.01	Pass
			39	21.23	0.9	22.13	<=33.01	Pass
		75	0	21.16	0.9	22.06	<=33.01	Pass
	2682.5	1	0	22.73	0.9	23.63	<=33.01	Pass
			38	22.33	0.9	23.23	<=33.01	Pass
			74	22.00	0.9	22.9	<=33.01	Pass
		36	0	21.52	0.9	22.42	<=33.01	Pass
			18	21.48	0.9	22.38	<=33.01	Pass
			39	21.30	0.9	22.2	<=33.01	Pass
		75	0	21.38	0.9	22.28	<=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	22.00	0.9	22.9	<=33.01	Pass
			50	22.07	0.9	22.97	<=33.01	Pass
			99	21.94	0.9	22.84	<=33.01	Pass
		50	0	20.92	0.9	21.82	<=33.01	Pass
			25	21.02	0.9	21.92	<=33.01	Pass
			50	21.00	0.9	21.9	<=33.01	Pass
		100	0	20.96	0.9	21.86	<=33.01	Pass
	2593	1	0	23.02	0.9	23.52	<=33.01	Pass
			50	23.17	0.9	24.07	<=33.01	Pass
			99	23.24	0.9	24.14	<=33.01	Pass
		50	0	22.12	0.9	23.02	<=33.01	Pass
			25	22.27	0.9	23.17	<=33.01	Pass
			50	22.29	0.9	23.19	<=33.01	Pass
		100	0	22.23	0.9	23.13	<=33.01	Pass
	2680	1	0	23.37	0.9	24.27	<=33.01	Pass
			50	23.38	0.9	24.28	<=33.01	Pass
			99	23.13	0.9	24.03	<=33.01	Pass
		50	0	22.57	0.9	23.47	<=33.01	Pass
			25	22.50	0.9	23.4	<=33.01	Pass
			50	22.32	0.9	23.22	<=33.01	Pass
		100	0	22.43	0.9	23.33	<=33.01	Pass
16QAM	2506	1	0	20.86	0.9	21.76	<=33.01	Pass
			50	20.97	0.9	21.87	<=33.01	Pass
			99	20.84	0.9	21.74	<=33.01	Pass
		50	0	19.87	0.9	20.77	<=33.01	Pass
			25	19.96	0.9	20.86	<=33.01	Pass
			50	19.94	0.9	20.84	<=33.01	Pass
		100	0	19.91	0.9	20.81	<=33.01	Pass
	2593	1	0	21.91	0.9	22.81	<=33.01	Pass
			50	22.00	0.9	22.9	<=33.01	Pass
			99	22.41	0.9	23.31	<=33.01	Pass
		50	0	21.17	0.9	22.07	<=33.01	Pass
			25	21.22	0.9	22.12	<=33.01	Pass
			50	21.33	0.9	22.23	<=33.01	Pass
		100	0	21.18	0.9	22.08	<=33.01	Pass
	2680	1	0	22.17	0.9	23.07	<=33.01	Pass
			50	22.63	0.9	23.53	<=33.01	Pass
			99	22.38	0.9	23.28	<=33.01	Pass
		50	0	20.85	0.9	21.75	<=33.01	Pass
			25	20.83	0.9	21.73	<=33.01	Pass
			50	20.67	0.9	21.57	<=33.01	Pass
		100	0	20.80	0.9	21.7	<=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	3.23	7.210	0.0029	-2.5 to 2.5	Pass
					3.8	-2.146	-0.0009	-2.5 to 2.5	Pass
					4.37	-4.950	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-1.388	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	5.078	0.0020	-2.5 to 2.5	Pass
				-10	3.8	-2.489	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-0.257	-0.0001	-2.5 to 2.5	Pass
				10	3.8	4.106	0.0016	-2.5 to 2.5	Pass
				30	3.8	1.988	0.0008	-2.5 to 2.5	Pass
				40	3.8	1.874	0.0008	-2.5 to 2.5	Pass
				50	3.8	0.844	0.0003	-2.5 to 2.5	Pass
	2593	25	0	20	3.23	-2.489	-0.0010	-2.5 to 2.5	Pass
					3.8	-3.219	-0.0012	-2.5 to 2.5	Pass
					4.37	-7.882	-0.0030	-2.5 to 2.5	Pass
				-30	3.8	3.276	0.0013	-2.5 to 2.5	Pass
				-20	3.8	-4.549	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	0.157	0.0001	-2.5 to 2.5	Pass
				0	3.8	-11.845	-0.0046	-2.5 to 2.5	Pass
				10	3.8	-4.220	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-2.775	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-4.363	-0.0017	-2.5 to 2.5	Pass
				50	3.8	5.050	0.0019	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.23	2.117	0.0008	-2.5 to 2.5	Pass
					3.8	-6.237	-0.0023	-2.5 to 2.5	Pass
					4.37	-5.450	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-2.832	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-7.381	-0.0027	-2.5 to 2.5	Pass
				-10	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass
				0	3.8	6.938	0.0026	-2.5 to 2.5	Pass
				10	3.8	-17.138	-0.0064	-2.5 to 2.5	Pass
				30	3.8	-0.072	0.0000	-2.5 to 2.5	Pass
				40	3.8	0.229	0.0001	-2.5 to 2.5	Pass
				50	3.8	-3.490	-0.0013	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.23	-0.744	-0.0003	-2.5 to 2.5	Pass
					3.8	-4.821	-0.0019	-2.5 to 2.5	Pass
					4.37	4.134	0.0017	-2.5 to 2.5	Pass
				-30	3.8	-7.195	-0.0029	-2.5 to 2.5	Pass
				-20	3.8	6.266	0.0025	-2.5 to 2.5	Pass
				-10	3.8	-6.680	-0.0027	-2.5 to 2.5	Pass
				0	3.8	-1.602	-0.0006	-2.5 to 2.5	Pass
				10	3.8	0.658	0.0003	-2.5 to 2.5	Pass
				30	3.8	-1.431	-0.0006	-2.5 to 2.5	Pass
				40	3.8	-3.848	-0.0015	-2.5 to 2.5	Pass
				50	3.8	-3.176	-0.0013	-2.5 to 2.5	Pass
	2593	25	0	20	3.23	0.343	0.0001	-2.5 to 2.5	Pass
					3.8	-2.103	-0.0008	-2.5 to 2.5	Pass
					4.37	4.992	0.0019	-2.5 to 2.5	Pass
				-30	3.8	-0.114	0.0000	-2.5 to 2.5	Pass
				-20	3.8	-0.329	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	2.089	0.0008	-2.5 to 2.5	Pass
				0	3.8	-10.729	-0.0041	-2.5 to 2.5	Pass
				10	3.8	-7.281	-0.0028	-2.5 to 2.5	Pass

				30	3.8	4.177	0.0016	-2.5 to 2.5	Pass
				40	3.8	1.888	0.0007	-2.5 to 2.5	Pass
				50	3.8	-5.178	-0.0020	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.23	1.001	0.0004	-2.5 to 2.5	Pass
					3.8	-8.183	-0.0030	-2.5 to 2.5	Pass
					4.37	-2.861	-0.0011	-2.5 to 2.5	Pass
				-30	3.8	2.990	0.0011	-2.5 to 2.5	Pass
				-20	3.8	-1.287	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-4.663	-0.0017	-2.5 to 2.5	Pass
				0	3.8	-5.894	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.8	-2.646	-0.0010	-2.5 to 2.5	Pass
				40	3.8	2.761	0.0010	-2.5 to 2.5	Pass
				50	3.8	-1.745	-0.0006	-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	3.23	-3.448	-0.0014	-2.5 to 2.5	Pass
					3.8	4.807	0.0019	-2.5 to 2.5	Pass
					4.37	5.193	0.0021	-2.5 to 2.5	Pass
				-30	3.8	-3.591	-0.0014	-2.5 to 2.5	Pass
				-20	3.8	-2.246	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-4.406	-0.0018	-2.5 to 2.5	Pass
				0	3.8	2.646	0.0011	-2.5 to 2.5	Pass
				10	3.8	-2.632	-0.0011	-2.5 to 2.5	Pass
				30	3.8	-3.347	-0.0013	-2.5 to 2.5	Pass
				40	3.8	-0.730	-0.0003	-2.5 to 2.5	Pass
				50	3.8	-0.100	0.0000	-2.5 to 2.5	Pass
	2593	50	0	20	3.23	-4.606	-0.0018	-2.5 to 2.5	Pass
					3.8	-0.973	-0.0004	-2.5 to 2.5	Pass
					4.37	-0.343	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-8.354	-0.0032	-2.5 to 2.5	Pass
				-20	3.8	-6.166	-0.0024	-2.5 to 2.5	Pass
				-10	3.8	-10.757	-0.0041	-2.5 to 2.5	Pass
				0	3.8	-2.375	-0.0009	-2.5 to 2.5	Pass
				10	3.8	-0.587	-0.0002	-2.5 to 2.5	Pass
				30	3.8	0.243	0.0001	-2.5 to 2.5	Pass
				40	3.8	-5.121	-0.0020	-2.5 to 2.5	Pass
				50	3.8	-6.108	-0.0024	-2.5 to 2.5	Pass
	2685	50	0	20	3.23	-8.011	-0.0030	-2.5 to 2.5	Pass
					3.8	-1.731	-0.0006	-2.5 to 2.5	Pass
					4.37	-0.329	-0.0001	-2.5 to 2.5	Pass
				-30	3.8	-7.367	-0.0027	-2.5 to 2.5	Pass
				-20	3.8	-2.303	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-1.688	-0.0006	-2.5 to 2.5	Pass
				0	3.8	-6.680	-0.0025	-2.5 to 2.5	Pass
				10	3.8	-7.524	-0.0028	-2.5 to 2.5	Pass

				30	3.8	-5.679	-0.0021	-2.5 to 2.5	Pass
				40	3.8	3.977	0.0015	-2.5 to 2.5	Pass
				50	3.8	-5.021	-0.0019	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.23	0.887	0.0004	-2.5 to 2.5	Pass
					3.8	0.615	0.0002	-2.5 to 2.5	Pass
					4.37	0.658	0.0003	-2.5 to 2.5	Pass
				-30	3.8	-1.059	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	-3.161	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-2.432	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-1.087	-0.0004	-2.5 to 2.5	Pass
				10	3.8	3.190	0.0013	-2.5 to 2.5	Pass
				30	3.8	-0.229	-0.0001	-2.5 to 2.5	Pass
				40	3.8	1.073	0.0004	-2.5 to 2.5	Pass
				50	3.8	2.718	0.0011	-2.5 to 2.5	Pass
	2593	50	0	20	3.23	-2.832	-0.0011	-2.5 to 2.5	Pass
					3.8	-4.549	-0.0018	-2.5 to 2.5	Pass
					4.37	3.161	0.0012	-2.5 to 2.5	Pass
				-30	3.8	-6.595	-0.0025	-2.5 to 2.5	Pass
				-20	3.8	1.073	0.0004	-2.5 to 2.5	Pass
				-10	3.8	-2.675	-0.0010	-2.5 to 2.5	Pass
				0	3.8	-7.167	-0.0028	-2.5 to 2.5	Pass
				10	3.8	-1.559	-0.0006	-2.5 to 2.5	Pass
				30	3.8	-4.907	-0.0019	-2.5 to 2.5	Pass
				40	3.8	-3.161	-0.0012	-2.5 to 2.5	Pass
				50	3.8	1.988	0.0008	-2.5 to 2.5	Pass
	2685	50	0	20	3.23	-3.791	-0.0014	-2.5 to 2.5	Pass
					3.8	-0.944	-0.0004	-2.5 to 2.5	Pass
					4.37	1.516	0.0006	-2.5 to 2.5	Pass
				-30	3.8	0.486	0.0002	-2.5 to 2.5	Pass
				-20	3.8	-1.574	-0.0006	-2.5 to 2.5	Pass
				-10	3.8	-6.580	-0.0025	-2.5 to 2.5	Pass
				0	3.8	-13.475	-0.0050	-2.5 to 2.5	Pass
				10	3.8	-1.574	-0.0006	-2.5 to 2.5	Pass
				30	3.8	5.665	0.0021	-2.5 to 2.5	Pass
				40	3.8	-4.106	-0.0015	-2.5 to 2.5	Pass
				50	3.8	-1.431	-0.0005	-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	3.23	0.329	0.0001	-2.5 to 2.5	Pass
					3.8	1.531	0.0006	-2.5 to 2.5	Pass
					4.37	0.429	0.0002	-2.5 to 2.5	Pass
				-30	3.8	-5.450	-0.0022	-2.5 to 2.5	Pass
				-20	3.8	-2.317	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	-6.709	-0.0027	-2.5 to 2.5	Pass
				0	3.8	-0.086	0.0000	-2.5 to 2.5	Pass
				10	3.8	-1.488	-0.0006	-2.5 to 2.5	Pass

				30	3.8	-1.345	-0.0005	-2.5 to 2.5	Pass
				40	3.8	0.272	0.0001	-2.5 to 2.5	Pass
				50	3.8	-5.622	-0.0022	-2.5 to 2.5	Pass
	2593	75	0	20	3.23	-1.187	-0.0005	-2.5 to 2.5	Pass
					3.8	-3.562	-0.0014	-2.5 to 2.5	Pass
					4.37	-2.575	-0.0010	-2.5 to 2.5	Pass
				-30	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass
				-20	3.8	-2.475	-0.0010	-2.5 to 2.5	Pass
				-10	3.8	-0.572	-0.0002	-2.5 to 2.5	Pass
				0	3.8	-5.651	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-2.718	-0.0010	-2.5 to 2.5	Pass
				30	3.8	-0.629	-0.0002	-2.5 to 2.5	Pass
				40	3.8	-4.392	-0.0017	-2.5 to 2.5	Pass
				50	3.8	0.057	0.0000	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.23	-2.131	-0.0008	-2.5 to 2.5	Pass
					3.8	-9.899	-0.0037	-2.5 to 2.5	Pass
					4.37	-3.276	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-2.475	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	-5.479	-0.0020	-2.5 to 2.5	Pass
				-10	3.8	-5.322	-0.0020	-2.5 to 2.5	Pass
				0	3.8	-3.476	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-9.499	-0.0035	-2.5 to 2.5	Pass
				30	3.8	-5.879	-0.0022	-2.5 to 2.5	Pass
				40	3.8	-7.696	-0.0029	-2.5 to 2.5	Pass
				50	3.8	-8.984	-0.0033	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.23	-2.046	-0.0008	-2.5 to 2.5	Pass
					3.8	1.674	0.0007	-2.5 to 2.5	Pass
					4.37	-2.947	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	2.890	0.0012	-2.5 to 2.5	Pass
				-20	3.8	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.8	-3.548	-0.0014	-2.5 to 2.5	Pass
				0	3.8	0.687	0.0003	-2.5 to 2.5	Pass
				10	3.8	-1.502	-0.0006	-2.5 to 2.5	Pass
				30	3.8	2.704	0.0011	-2.5 to 2.5	Pass
				40	3.8	3.290	0.0013	-2.5 to 2.5	Pass
				50	3.8	-1.259	-0.0005	-2.5 to 2.5	Pass
	2593	75	0	20	3.23	-3.819	-0.0015	-2.5 to 2.5	Pass
					3.8	-4.034	-0.0016	-2.5 to 2.5	Pass
					4.37	-1.087	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	-1.760	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-2.375	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	1.316	0.0005	-2.5 to 2.5	Pass
				0	3.8	0.415	0.0002	-2.5 to 2.5	Pass
				10	3.8	3.233	0.0012	-2.5 to 2.5	Pass
				30	3.8	3.190	0.0012	-2.5 to 2.5	Pass
				40	3.8	2.704	0.0010	-2.5 to 2.5	Pass
				50	3.8	-1.945	-0.0008	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.23	-3.448	-0.0013	-2.5 to 2.5	Pass
					3.8	-7.396	-0.0028	-2.5 to 2.5	Pass
					4.37	-1.631	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-8.998	-0.0034	-2.5 to 2.5	Pass
				-20	3.8	3.290	0.0012	-2.5 to 2.5	Pass
				-10	3.8	0.043	0.0000	-2.5 to 2.5	Pass
				0	3.8	-5.980	-0.0022	-2.5 to 2.5	Pass
				10	3.8	-3.519	-0.0013	-2.5 to 2.5	Pass

				30	3.8	-0.687	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-4.420	-0.0016	-2.5 to 2.5	Pass
				50	3.8	-4.807	-0.0018	-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	3.23	-3.777	-0.0015	-2.5 to 2.5	Pass
					3.8	-5.050	-0.0020	-2.5 to 2.5	Pass
					4.37	-0.901	-0.0004	-2.5 to 2.5	Pass
				-30	3.8	-1.702	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	2.775	0.0011	-2.5 to 2.5	Pass
				-10	3.8	0.644	0.0003	-2.5 to 2.5	Pass
				0	3.8	0.973	0.0004	-2.5 to 2.5	Pass
				10	3.8	-1.917	-0.0008	-2.5 to 2.5	Pass
				30	3.8	-3.433	-0.0014	-2.5 to 2.5	Pass
				40	3.8	-1.416	-0.0006	-2.5 to 2.5	Pass
				50	3.8	-3.290	-0.0013	-2.5 to 2.5	Pass
	2593	100	0	20	3.23	0.143	0.0001	-2.5 to 2.5	Pass
					3.8	-1.917	-0.0007	-2.5 to 2.5	Pass
					4.37	-8.297	-0.0032	-2.5 to 2.5	Pass
				-30	3.8	-4.363	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	-2.761	-0.0011	-2.5 to 2.5	Pass
				-10	3.8	-5.751	-0.0022	-2.5 to 2.5	Pass
				0	3.8	-0.587	-0.0002	-2.5 to 2.5	Pass
				10	3.8	0.944	0.0004	-2.5 to 2.5	Pass
				30	3.8	-4.764	-0.0018	-2.5 to 2.5	Pass
				40	3.8	-1.388	-0.0005	-2.5 to 2.5	Pass
				50	3.8	2.146	0.0008	-2.5 to 2.5	Pass
	2680	100	0	20	3.23	3.104	0.0012	-2.5 to 2.5	Pass
					3.8	2.861	0.0011	-2.5 to 2.5	Pass
					4.37	-5.436	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-3.047	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	-2.289	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	0.257	0.0001	-2.5 to 2.5	Pass
				0	3.8	-1.817	-0.0007	-2.5 to 2.5	Pass
				10	3.8	-1.316	-0.0005	-2.5 to 2.5	Pass
				30	3.8	-1.631	-0.0006	-2.5 to 2.5	Pass
				40	3.8	2.732	0.0010	-2.5 to 2.5	Pass
				50	3.8	3.090	0.0012	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.23	-0.329	-0.0001	-2.5 to 2.5	Pass
					3.8	-3.090	-0.0012	-2.5 to 2.5	Pass
					4.37	-4.535	-0.0018	-2.5 to 2.5	Pass
				-30	3.8	-0.987	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	3.691	0.0015	-2.5 to 2.5	Pass
				-10	3.8	-4.978	-0.0020	-2.5 to 2.5	Pass
				0	3.8	0.730	0.0003	-2.5 to 2.5	Pass
				10	3.8	-3.505	-0.0014	-2.5 to 2.5	Pass

				30	3.8	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.8	-2.789	-0.0011	-2.5 to 2.5	Pass
				50	3.8	-2.217	-0.0009	-2.5 to 2.5	Pass
	2593	100	0	20	3.23	-1.459	-0.0006	-2.5 to 2.5	Pass
					3.8	-9.785	-0.0038	-2.5 to 2.5	Pass
					4.37	-1.616	-0.0006	-2.5 to 2.5	Pass
				-30	3.8	-2.031	-0.0008	-2.5 to 2.5	Pass
				-20	3.8	4.334	0.0017	-2.5 to 2.5	Pass
				-10	3.8	-5.379	-0.0021	-2.5 to 2.5	Pass
				0	3.8	-6.394	-0.0025	-2.5 to 2.5	Pass
				10	3.8	-0.515	-0.0002	-2.5 to 2.5	Pass
				30	3.8	-6.824	-0.0026	-2.5 to 2.5	Pass
				40	3.8	-2.661	-0.0010	-2.5 to 2.5	Pass
				50	3.8	-1.402	-0.0005	-2.5 to 2.5	Pass
	2680	100	0	20	3.23	-3.319	-0.0012	-2.5 to 2.5	Pass
					3.8	-4.148	-0.0015	-2.5 to 2.5	Pass
					4.37	-1.230	-0.0005	-2.5 to 2.5	Pass
				-30	3.8	-1.774	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-1.402	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	6.108	0.0023	-2.5 to 2.5	Pass
				0	3.8	-5.522	-0.0021	-2.5 to 2.5	Pass
				10	3.8	-1.860	-0.0007	-2.5 to 2.5	Pass
				30	3.8	-4.692	-0.0018	-2.5 to 2.5	Pass
				40	3.8	-4.978	-0.0019	-2.5 to 2.5	Pass
				50	3.8	-4.535	-0.0017	-2.5 to 2.5	Pass

3. Modulation Characteristics

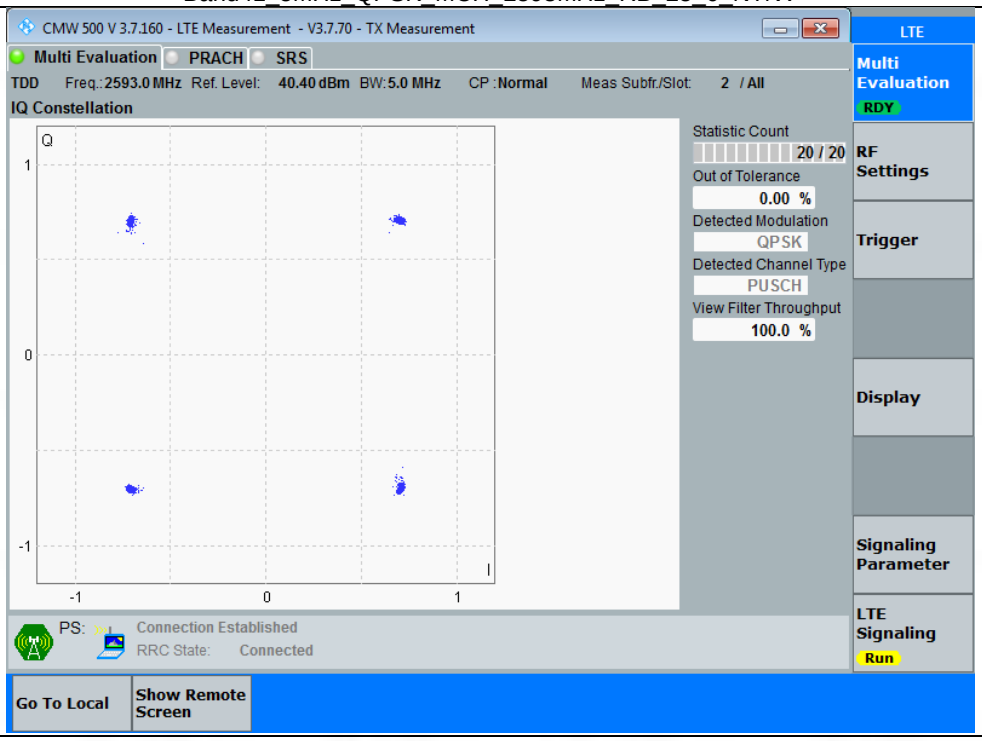
3.1 B41_5MHz

3.1.1 Test Result

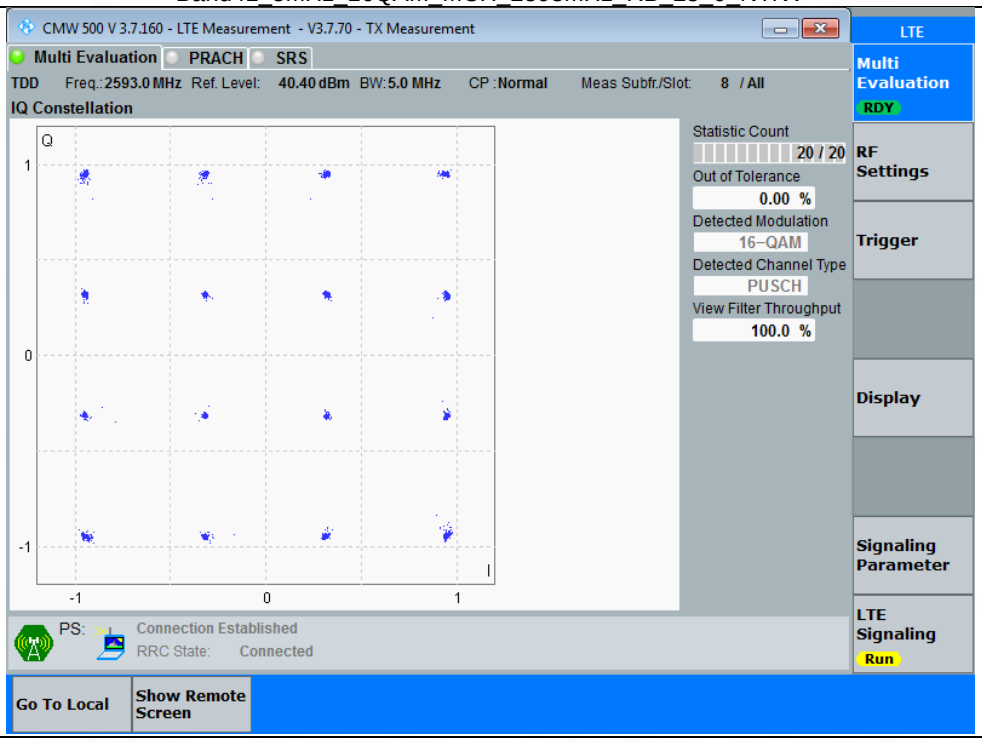
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	25	0	Refer To Test Graph		Pass
16QAM	2593	25	0	Refer To Test Graph		Pass

3.1.2 Test Graph

Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



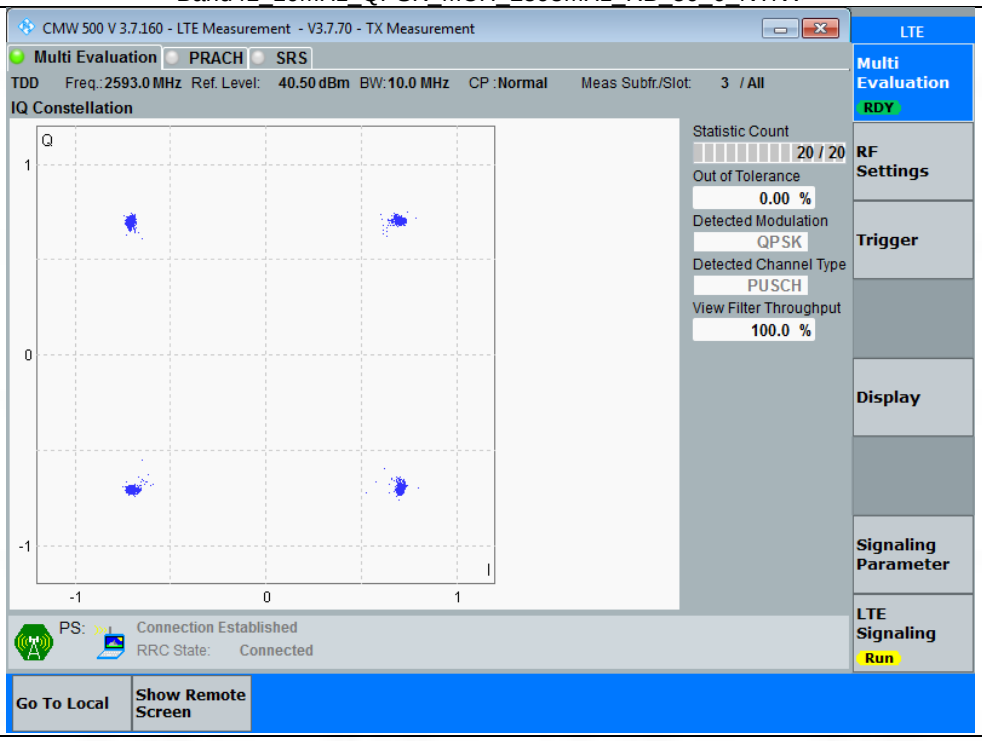
3.2 B41_10MHz

3.2.1 Test Result

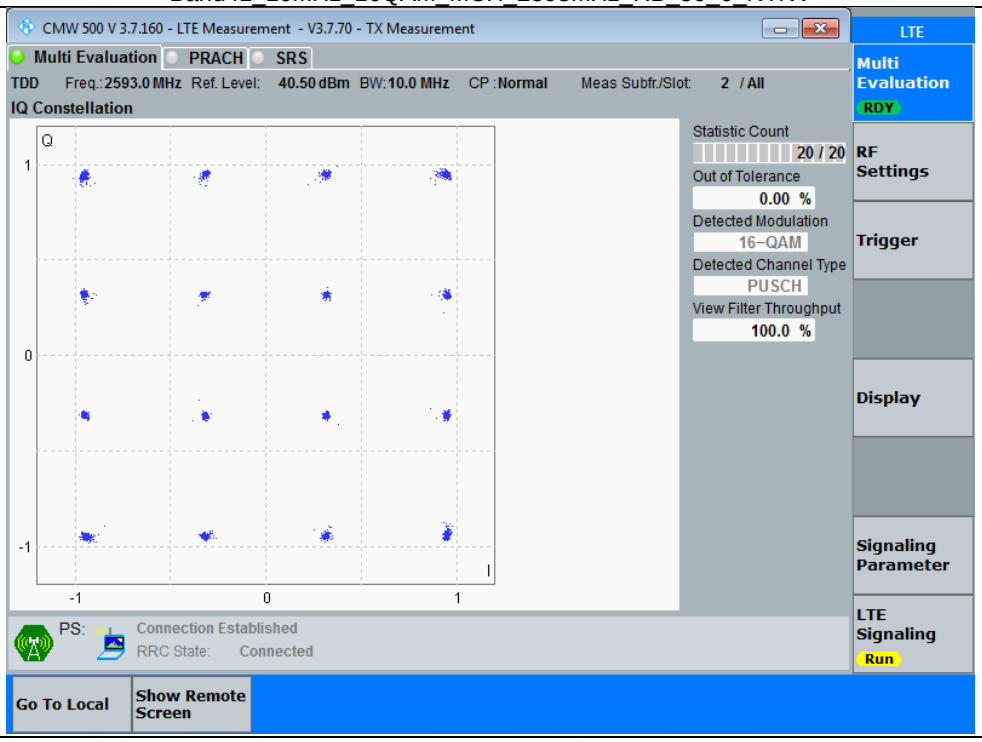
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	50	0	Refer To Test Graph		Pass
16QAM	2593	50	0	Refer To Test Graph		Pass

3.2.2 Test Graph

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



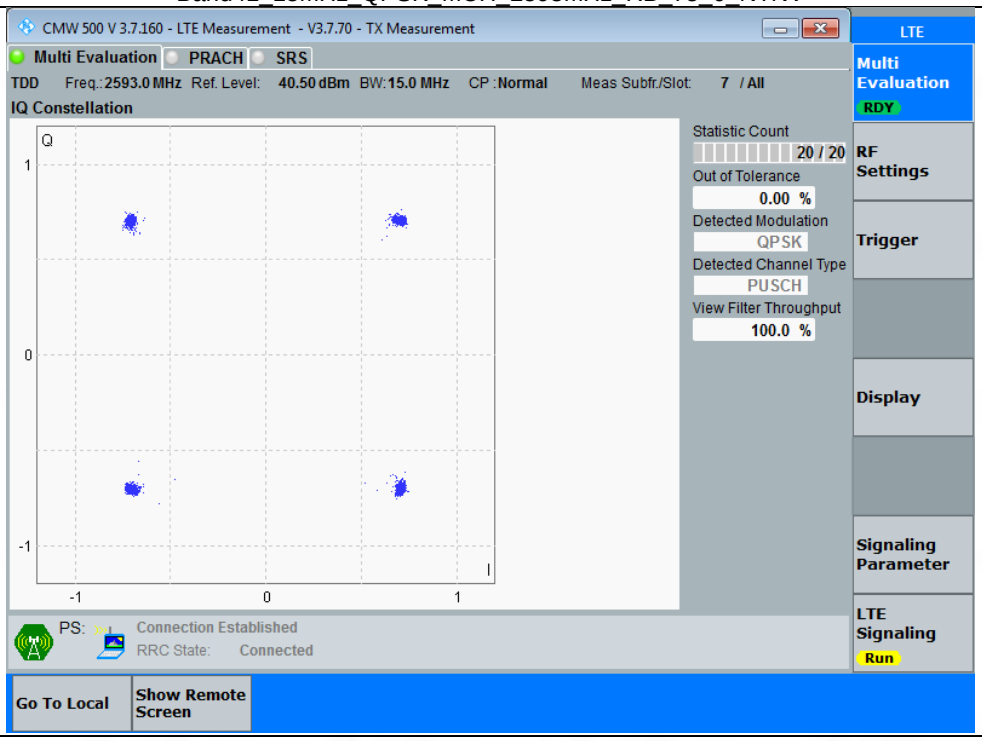
3.3 B41_15MHz

3.3.1 Test Result

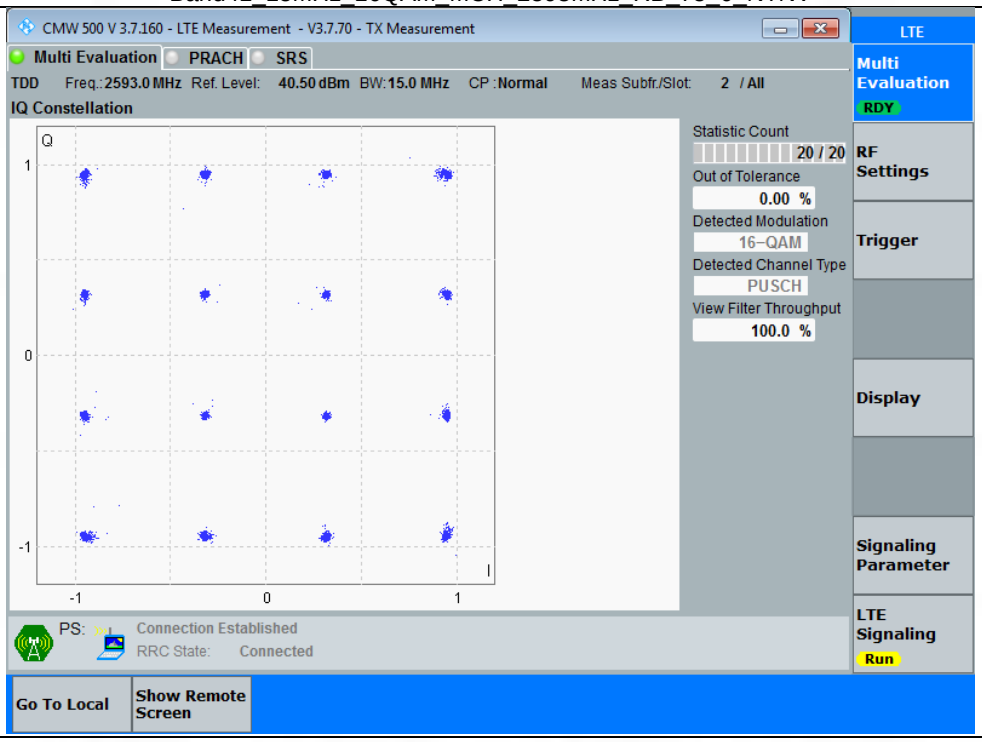
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	75	0	Refer To Test Graph		Pass
16QAM	2593	75	0	Refer To Test Graph		Pass

3.3.2 Test Graph

Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



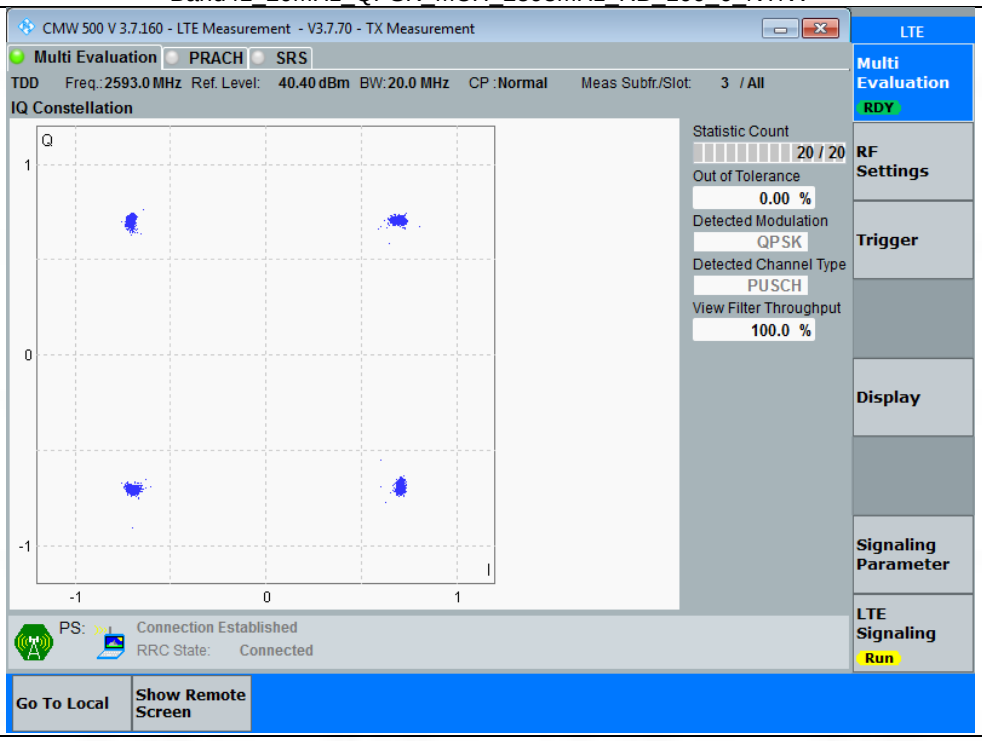
3.4 B41_20MHz

3.4.1 Test Result

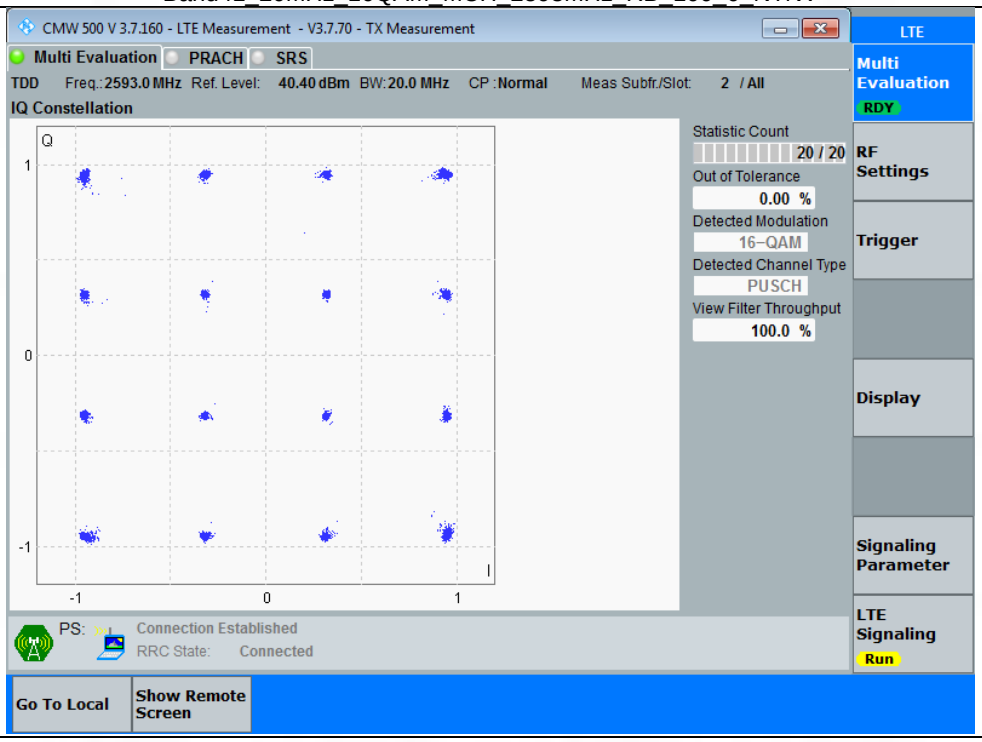
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	Refer To Test Graph		Pass
16QAM	2593	100	0	Refer To Test Graph		Pass

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

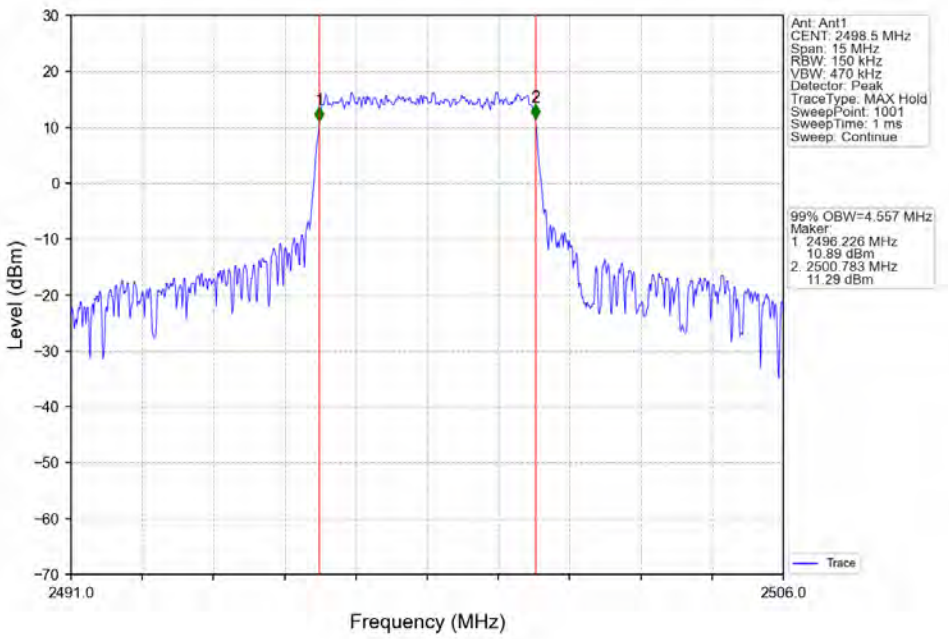
4.1 Band41_OBW

4.1.1 Test Result

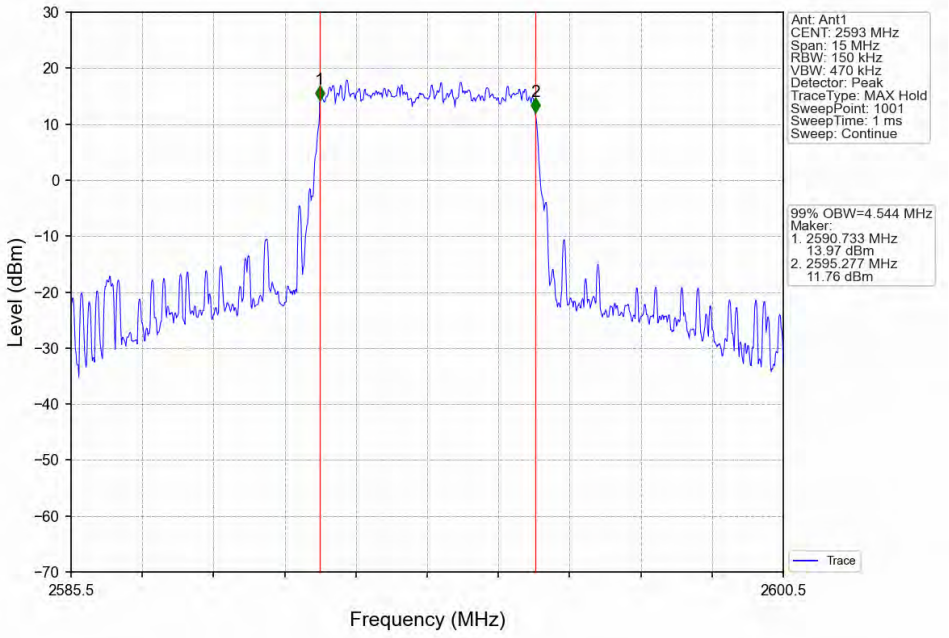
Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	4.557	Pass
		2593	25	0	4.544	Pass
		2687.5	25	0	4.554	Pass
	16QAM	2498.5	25	0	4.552	Pass
		2593	25	0	4.532	Pass
		2687.5	25	0	4.552	Pass
10	QPSK	2501	50	0	9.057	Pass
		2593	50	0	9.096	Pass
		2685	50	0	9.097	Pass
	16QAM	2501	50	0	9.040	Pass
		2593	50	0	9.068	Pass
		2685	50	0	9.066	Pass
15	QPSK	2503.5	75	0	13.599	Pass
		2593	75	0	13.581	Pass
		2682.5	75	0	13.576	Pass
	16QAM	2503.5	75	0	13.615	Pass
		2593	75	0	13.608	Pass
		2682.5	75	0	13.670	Pass
20	QPSK	2506	100	0	18.089	Pass
		2593	100	0	18.067	Pass
		2680	100	0	18.134	Pass
	16QAM	2506	100	0	18.060	Pass
		2593	100	0	18.128	Pass
		2680	100	0	18.131	Pass

4.1.2 Test Graph

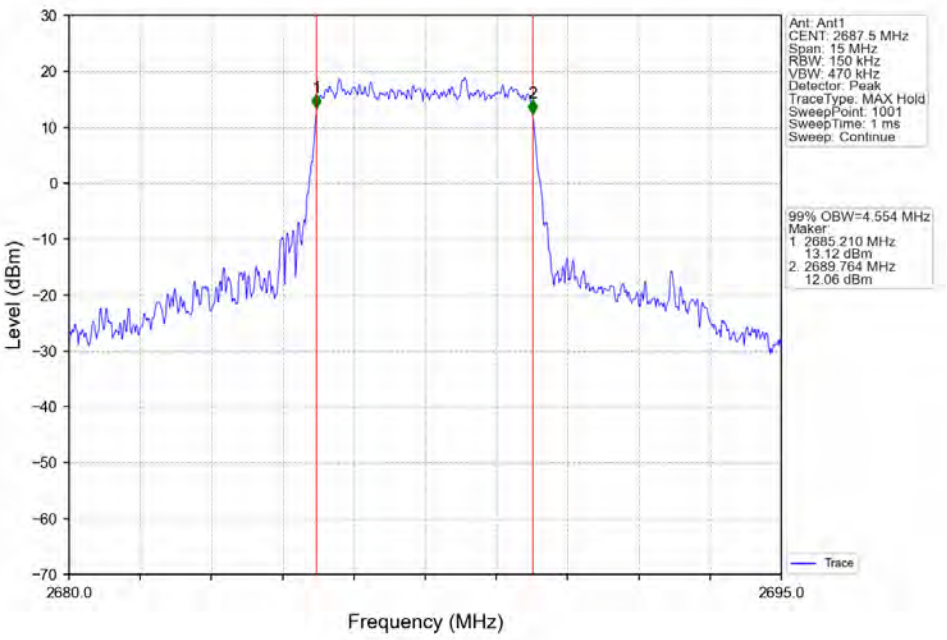
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



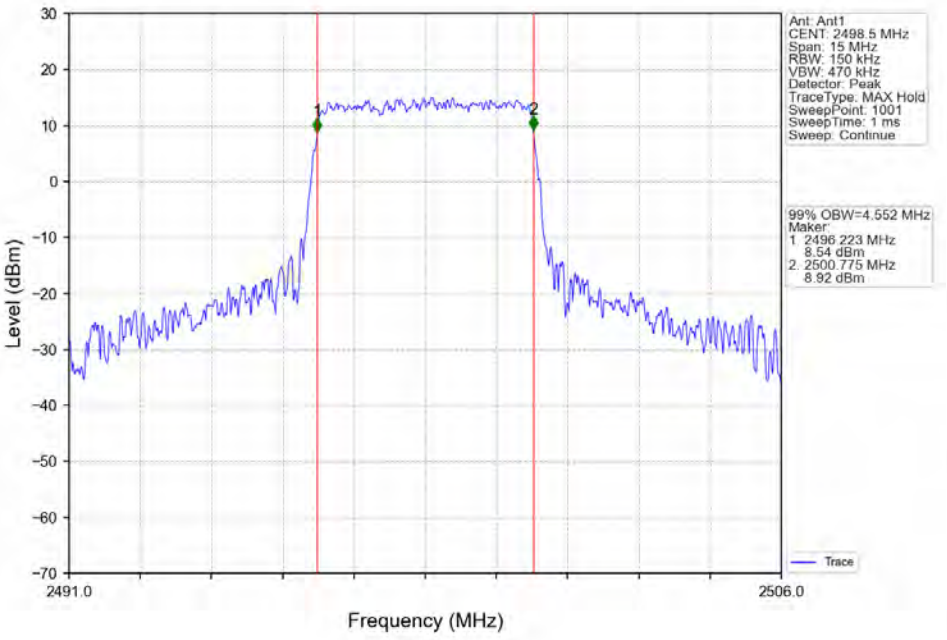
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



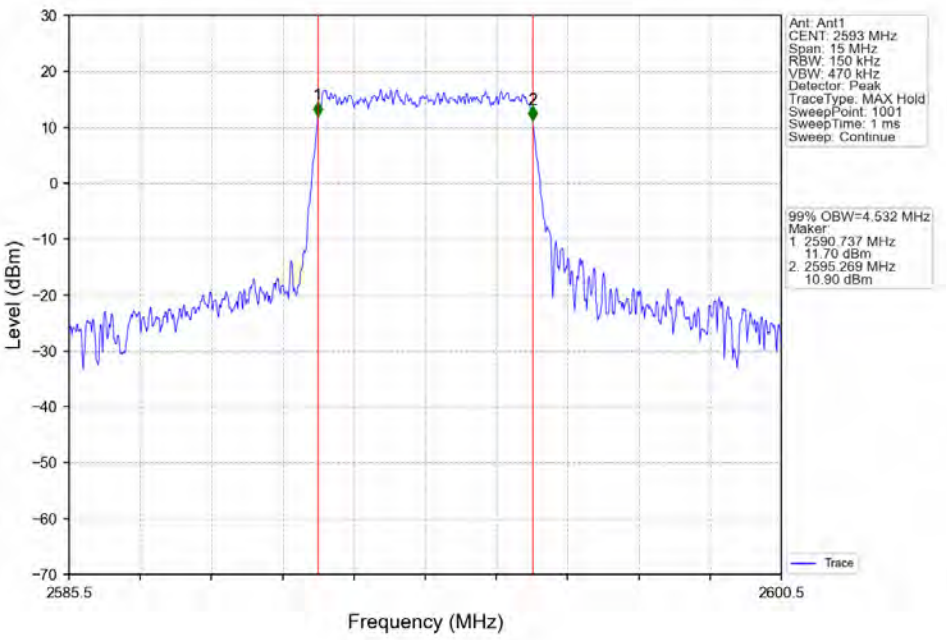
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



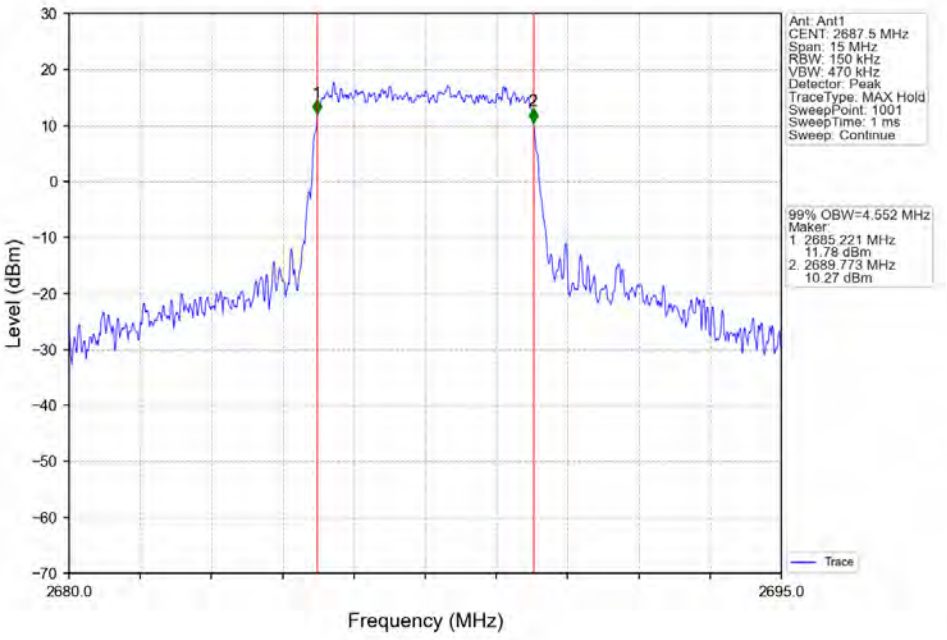
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

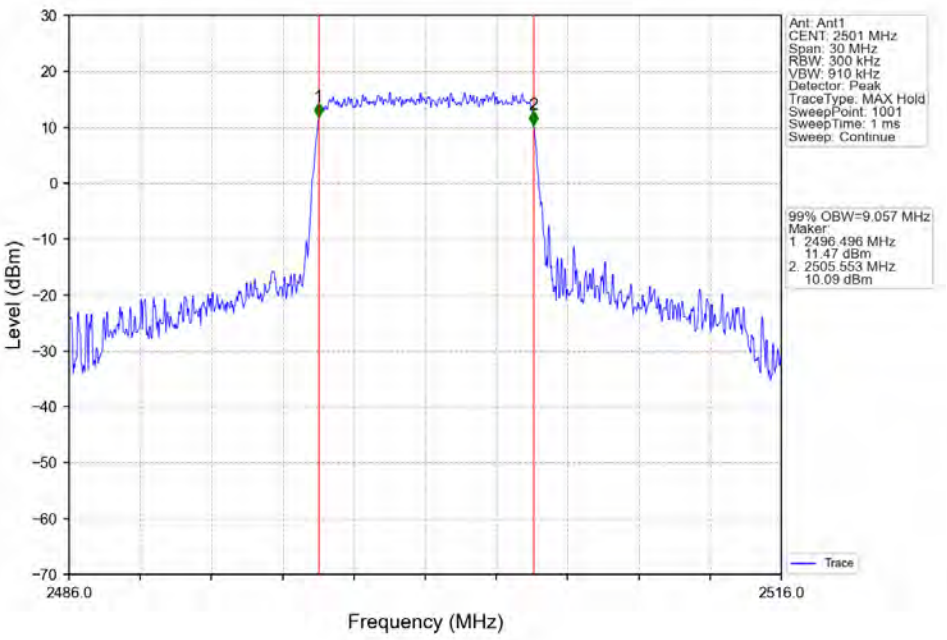


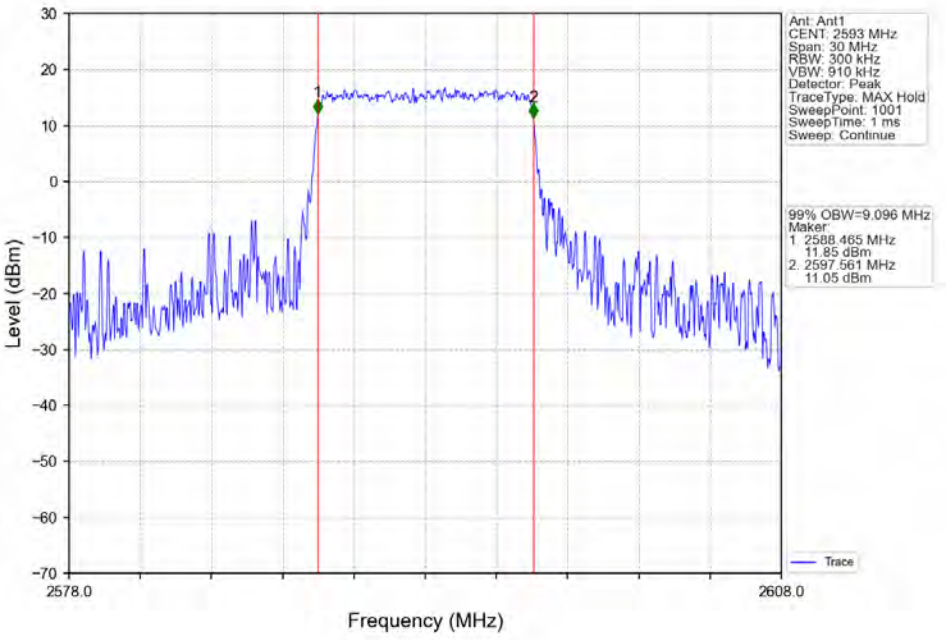
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



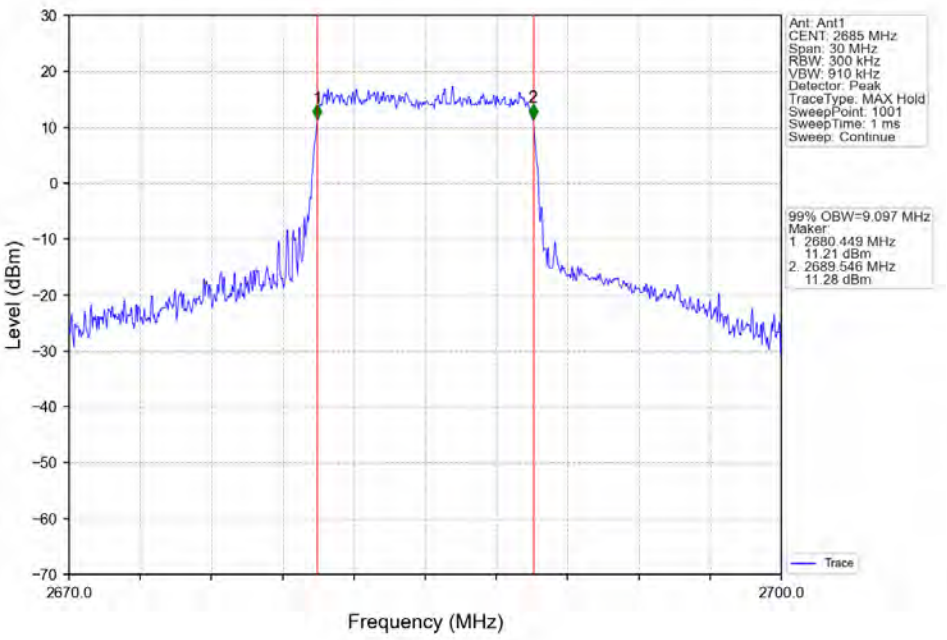
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



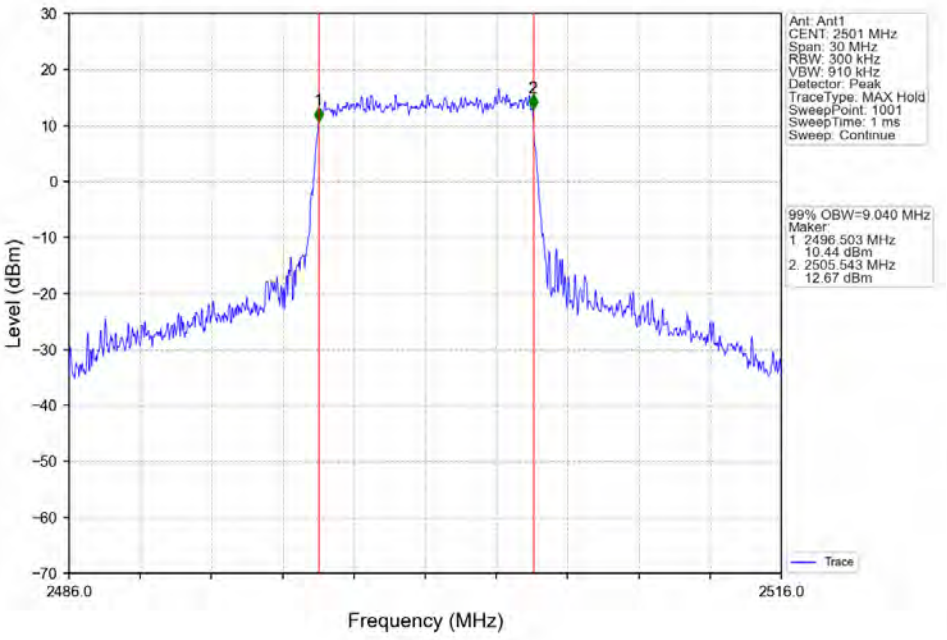
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV


Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV


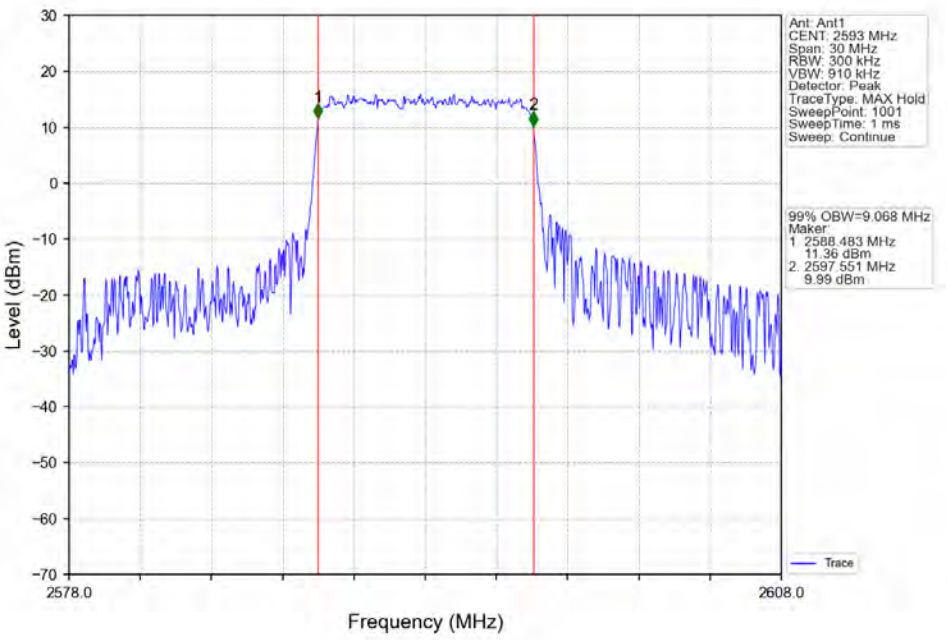
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



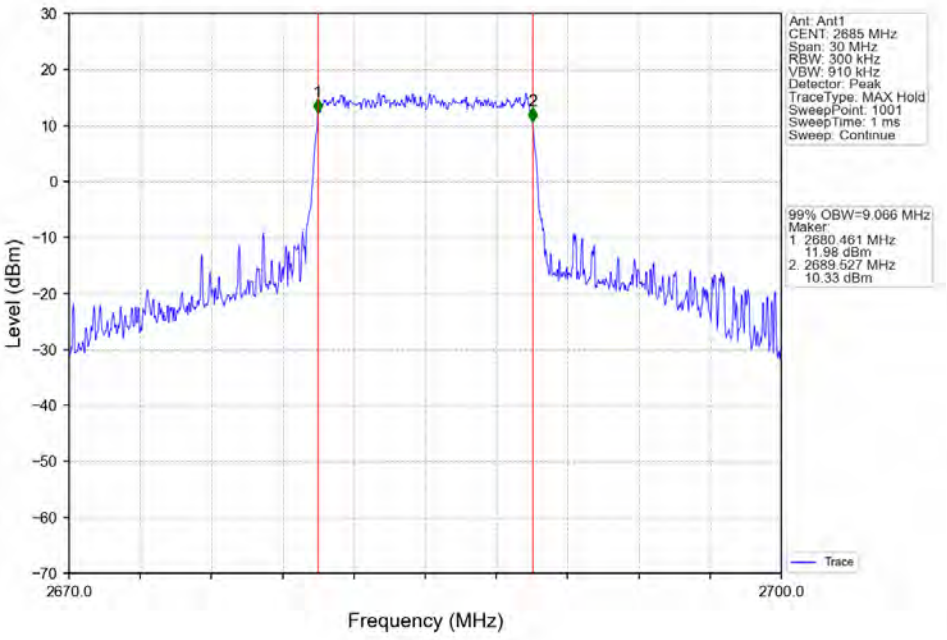
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



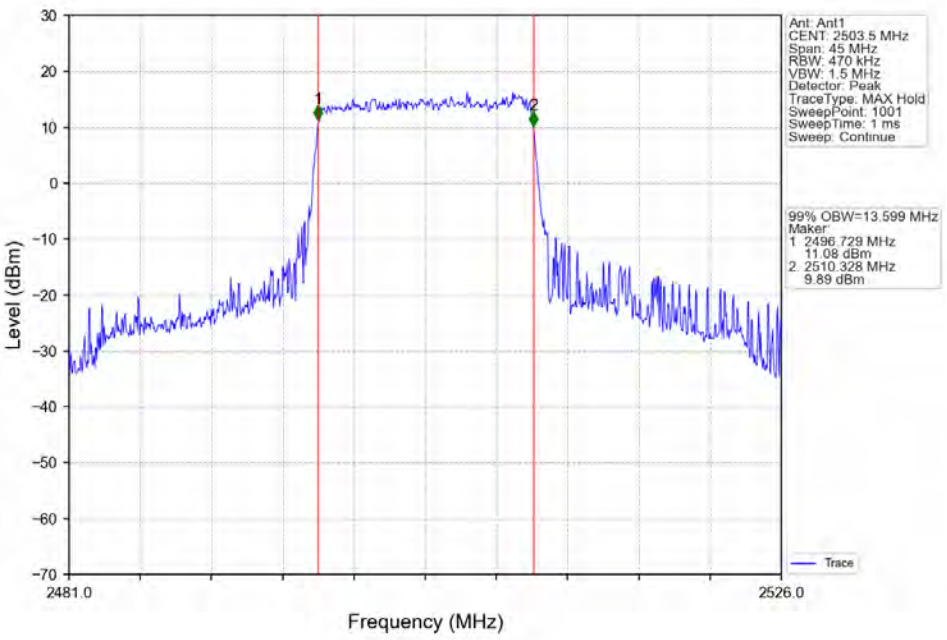
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



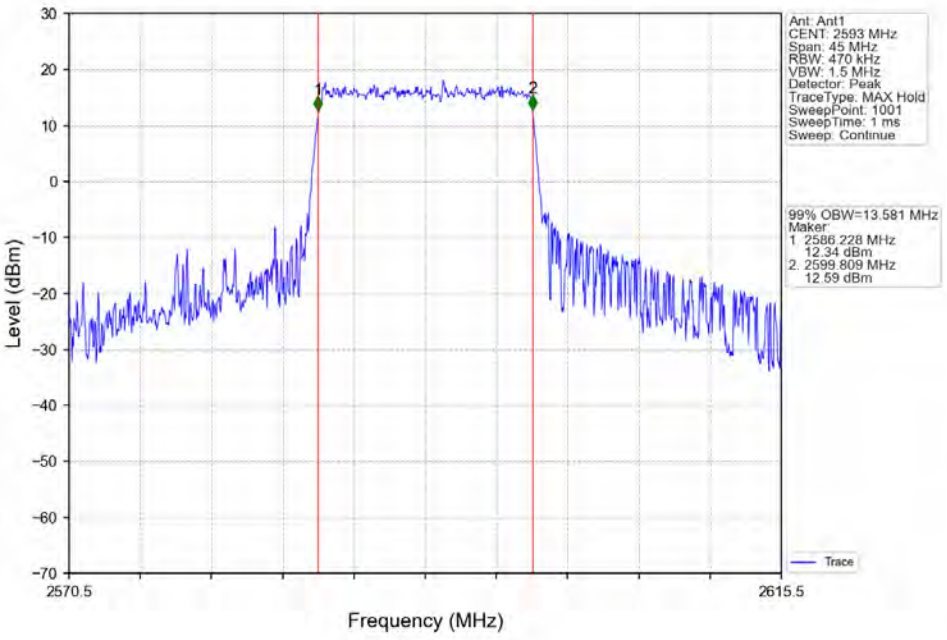
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



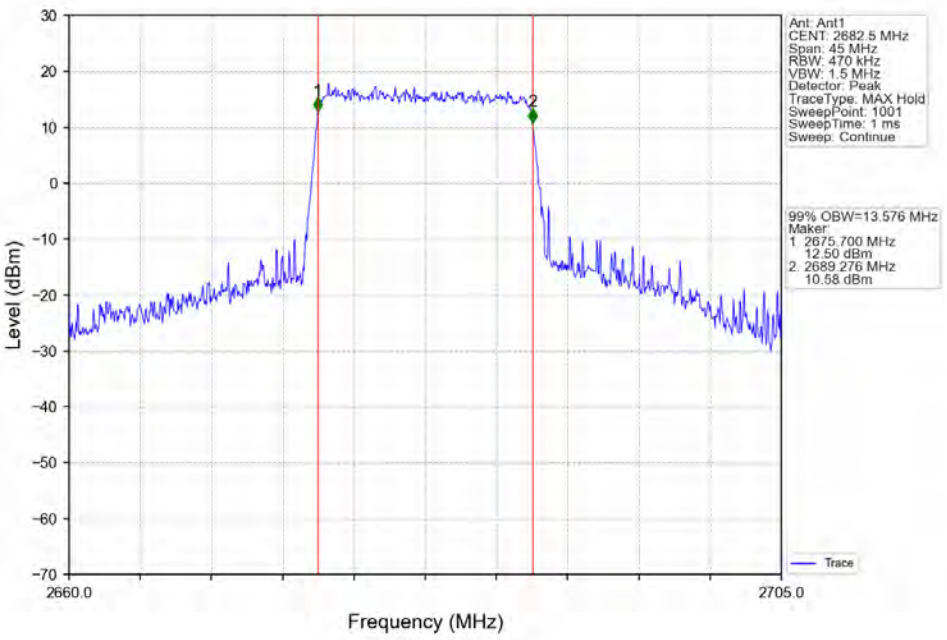
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



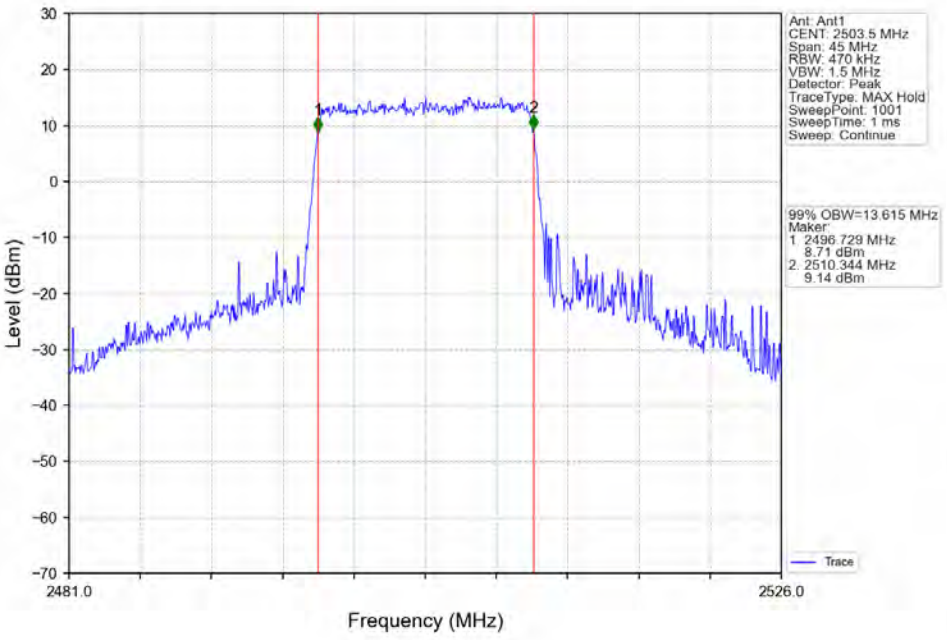
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



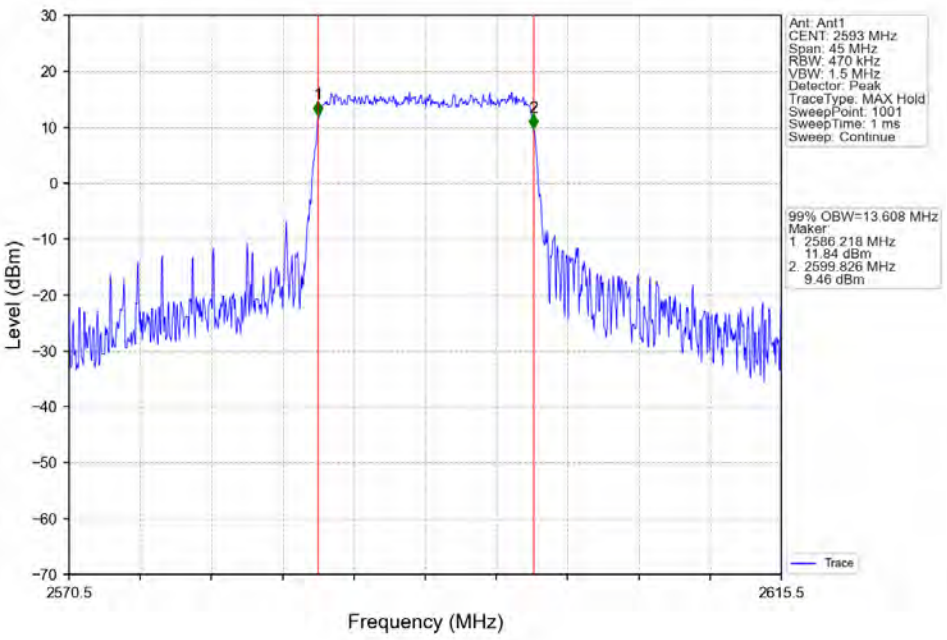
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



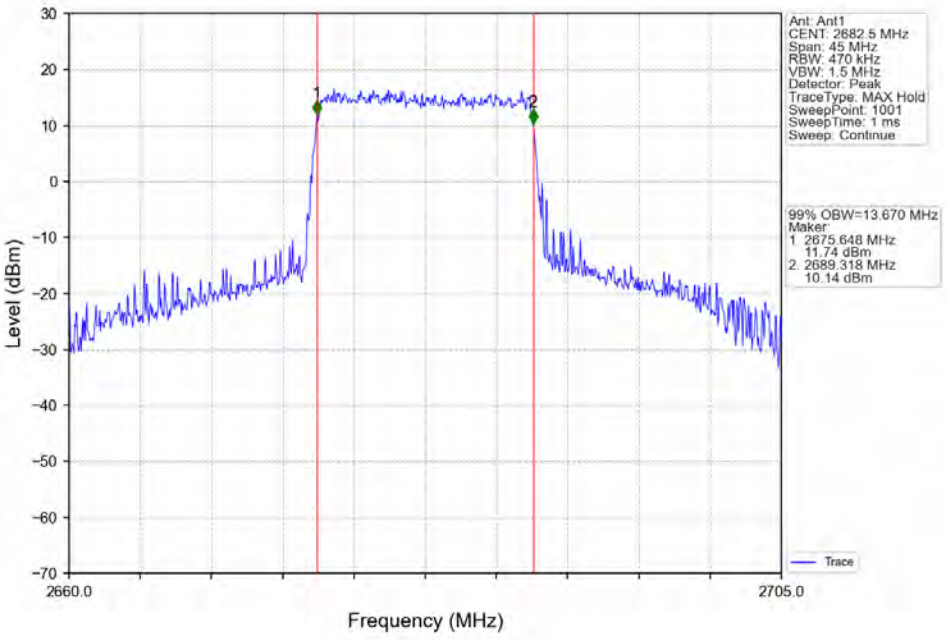
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



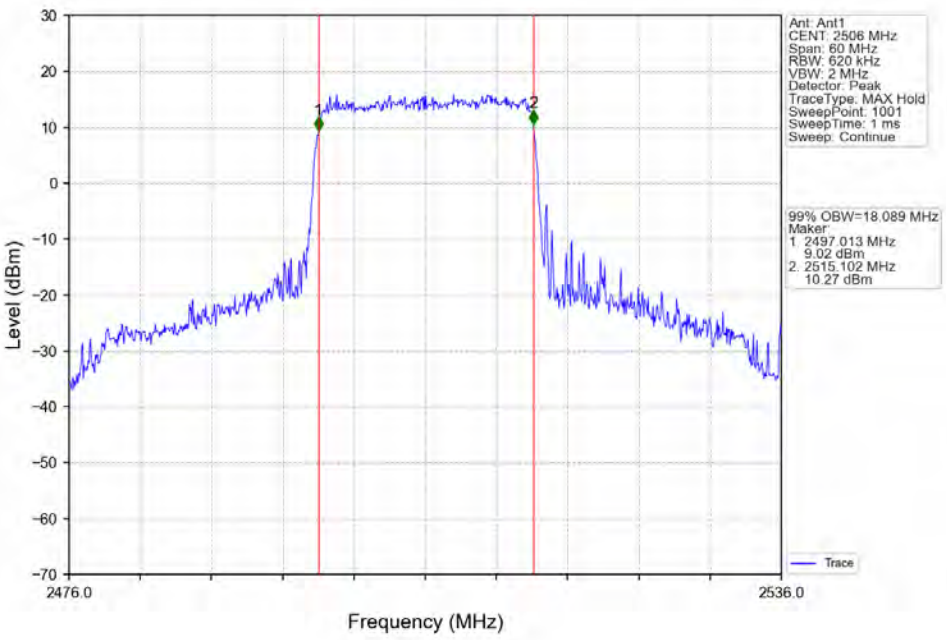
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



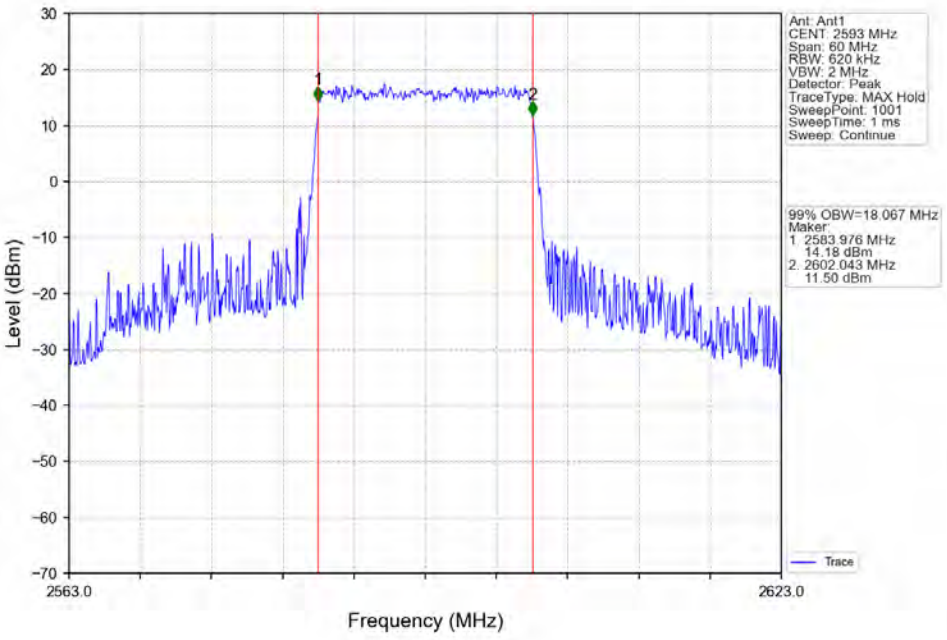
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



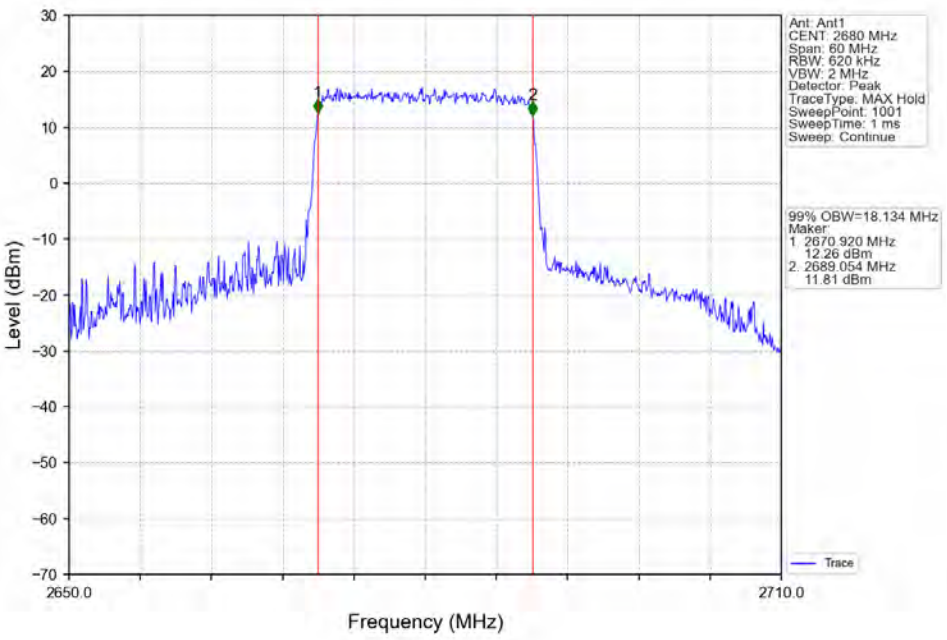
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



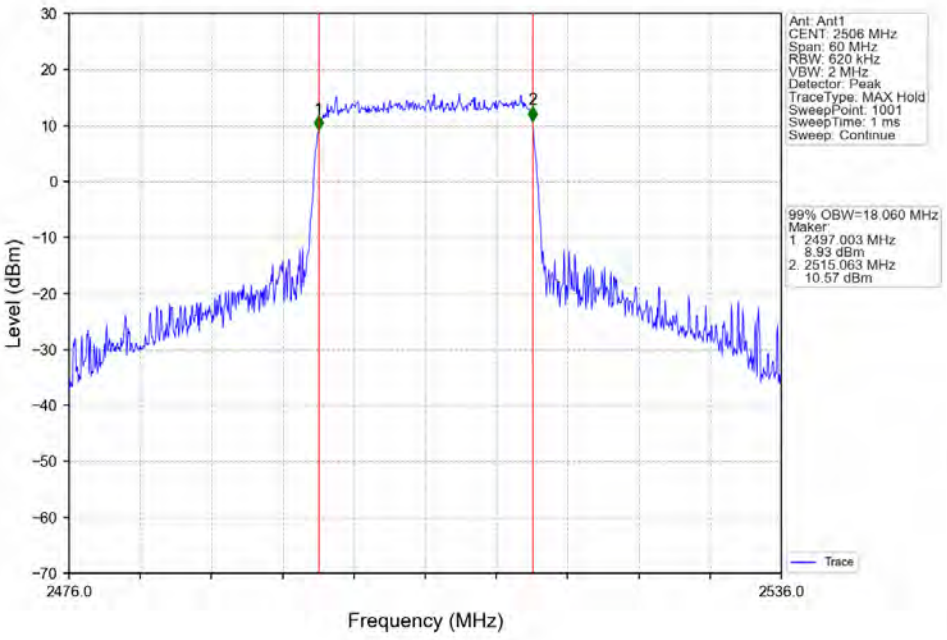
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



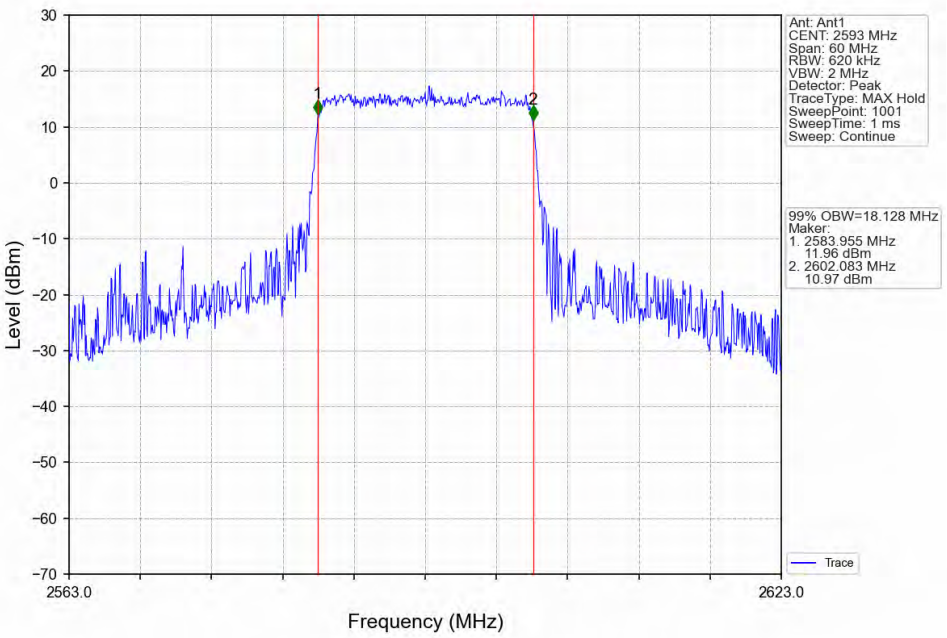
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



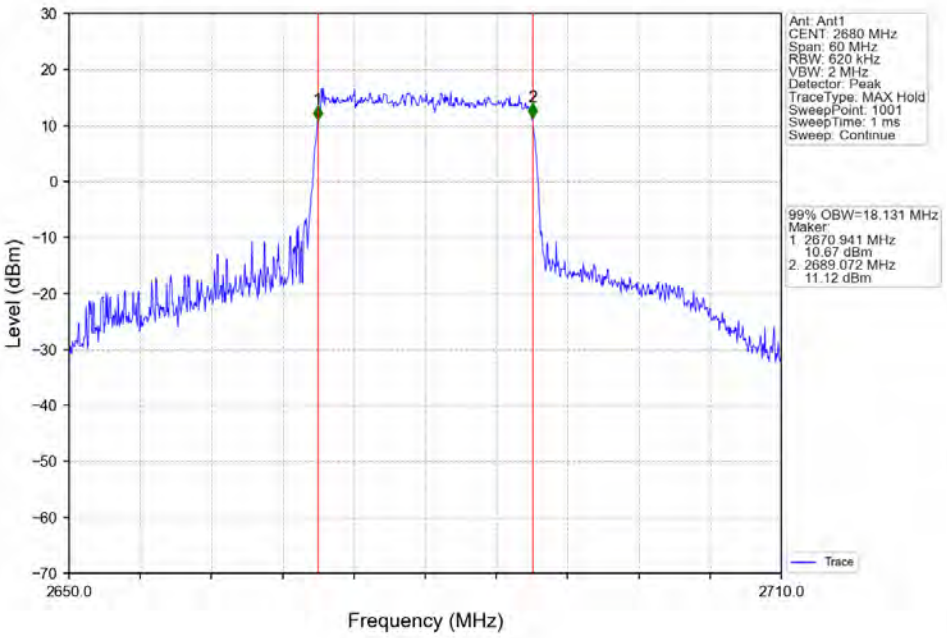
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



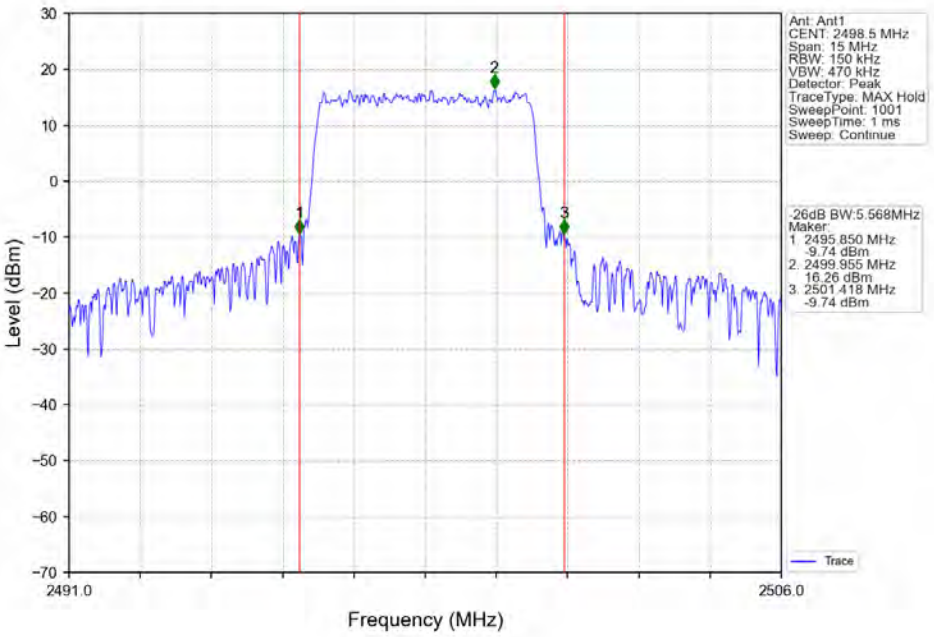
4.2 Band41_XDB

4.2.1 Test Result

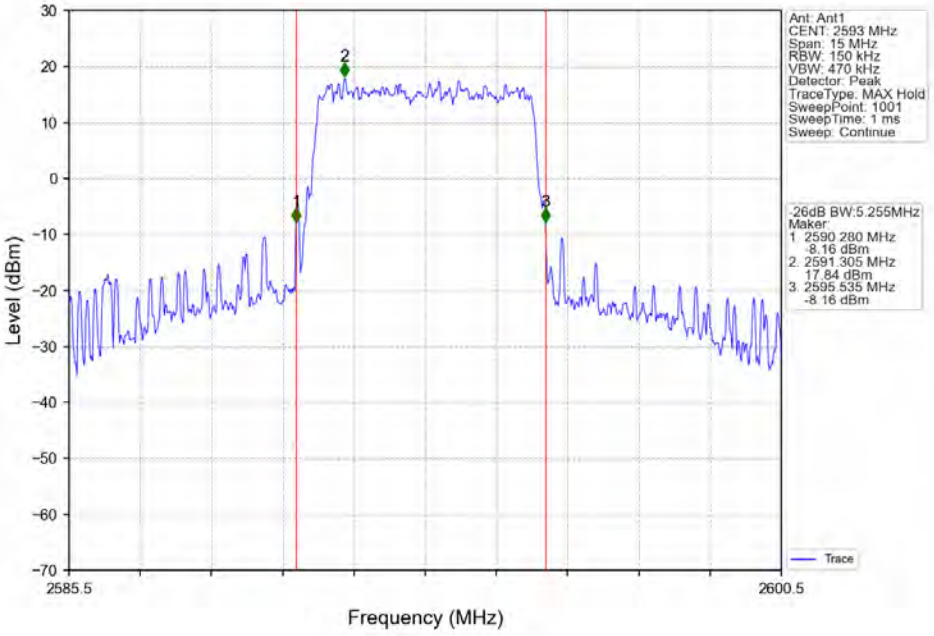
Band: 41 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
5	QPSK	2498.5	25	0	5.568	Pass
		2593	25	0	5.255	Pass
		2687.5	25	0	5.241	Pass
	16QAM	2498.5	25	0	5.153	Pass
		2593	25	0	5.127	Pass
		2687.5	25	0	5.047	Pass
10	QPSK	2501	50	0	10.142	Pass
		2593	50	0	15.874	Pass
		2685	50	0	10.782	Pass
	16QAM	2501	50	0	9.867	Pass
		2593	50	0	11.746	Pass
		2685	50	0	13.448	Pass
15	QPSK	2503.5	75	0	16.258	Pass
		2593	75	0	15.854	Pass
		2682.5	75	0	15.308	Pass
	16QAM	2503.5	75	0	15.816	Pass
		2593	75	0	17.008	Pass
		2682.5	75	0	16.696	Pass
20	QPSK	2506	100	0	20.534	Pass
		2593	100	0	20.691	Pass
		2680	100	0	20.182	Pass
	16QAM	2506	100	0	19.522	Pass
		2593	100	0	22.284	Pass
		2680	100	0	20.635	Pass

4.2.2 Test Graph

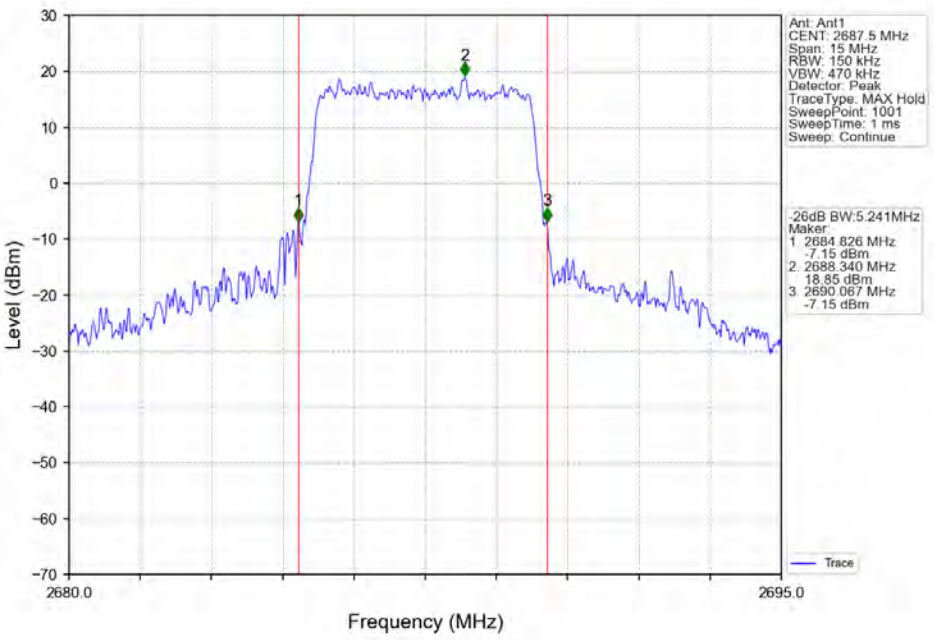
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



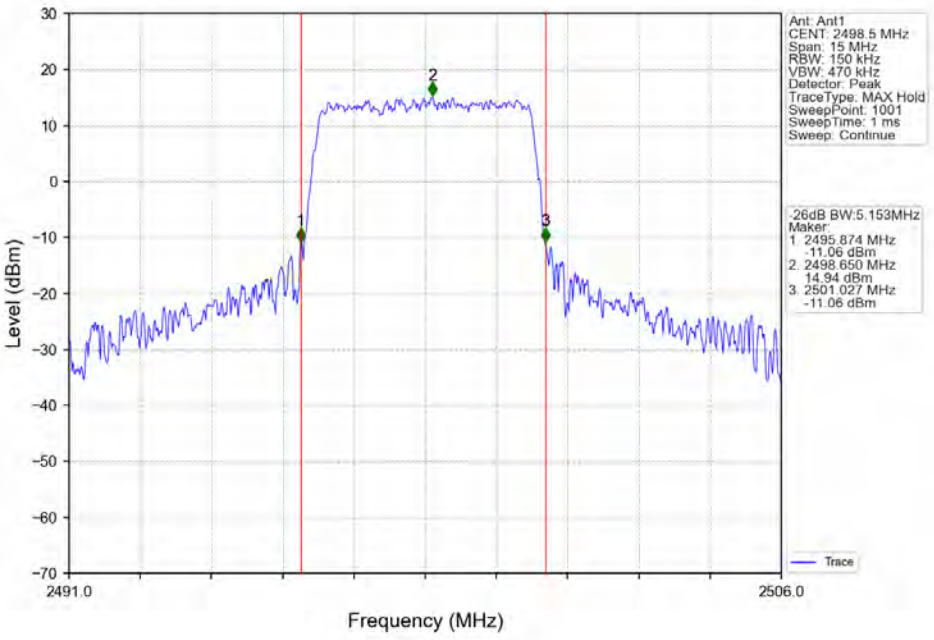
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



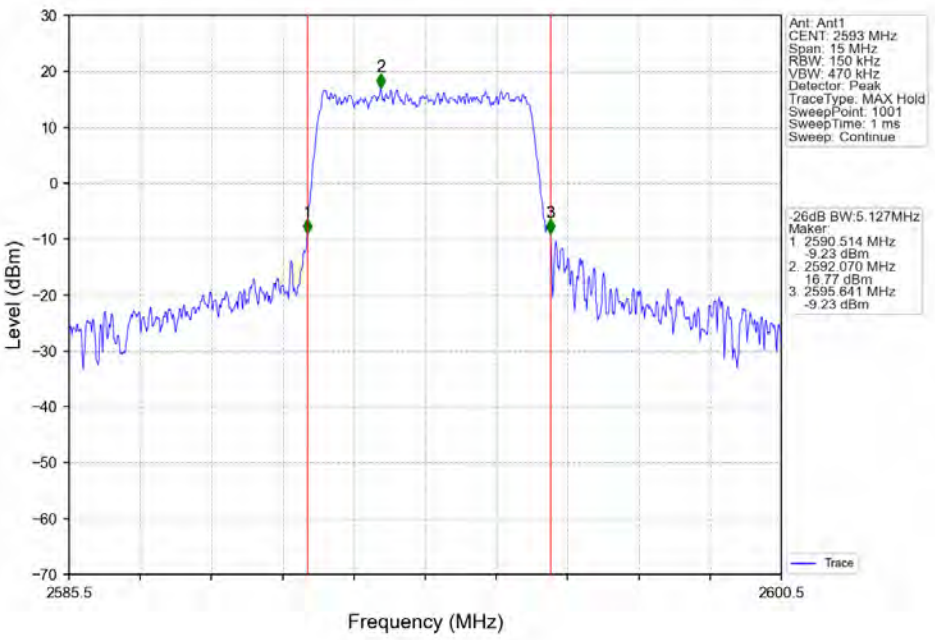
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



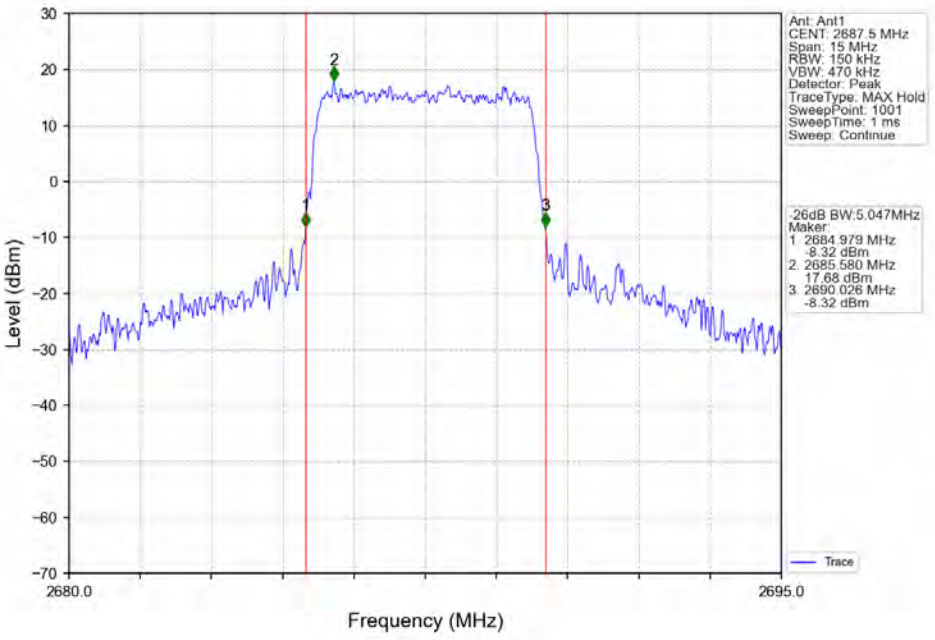
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



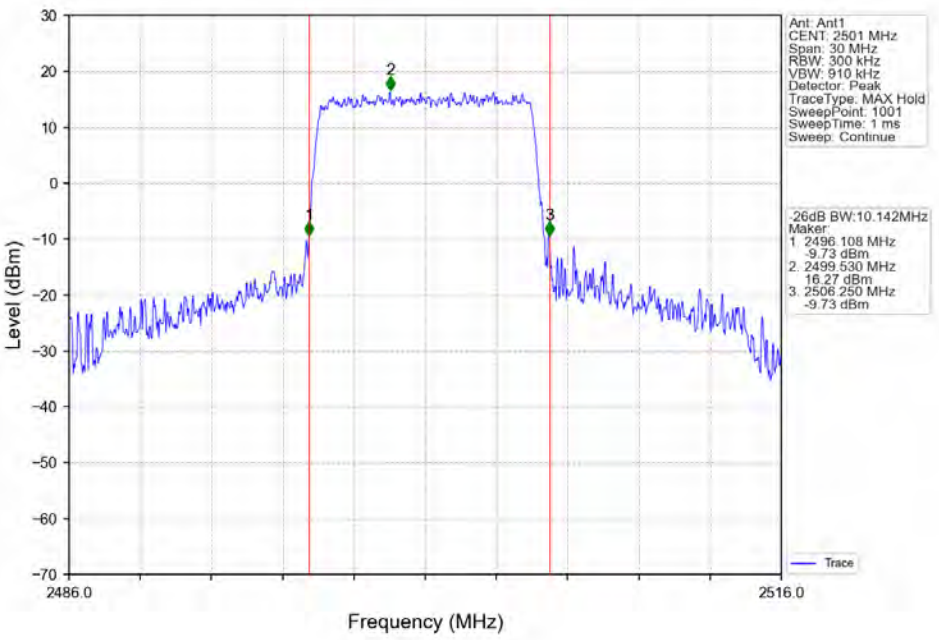
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



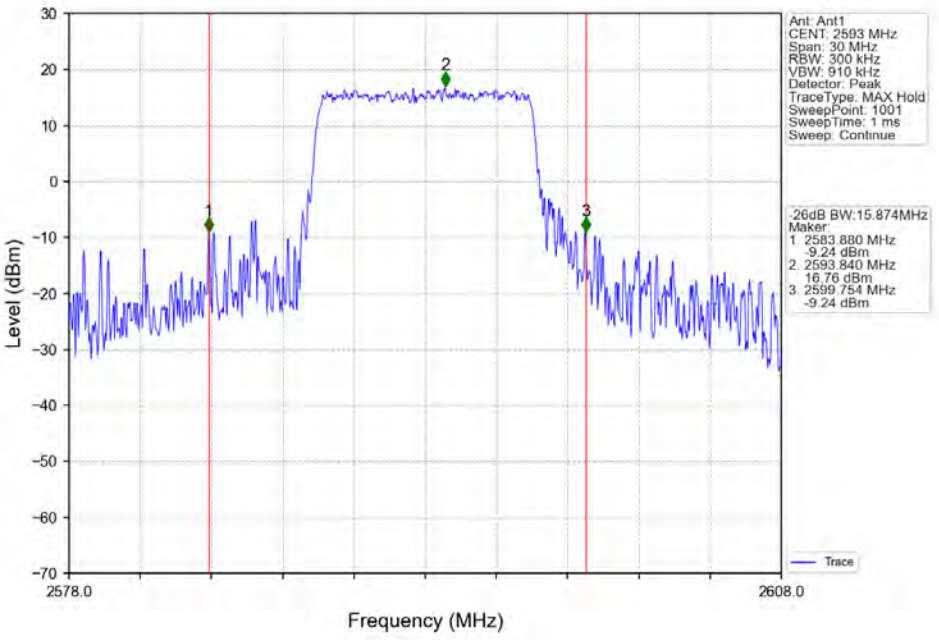
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



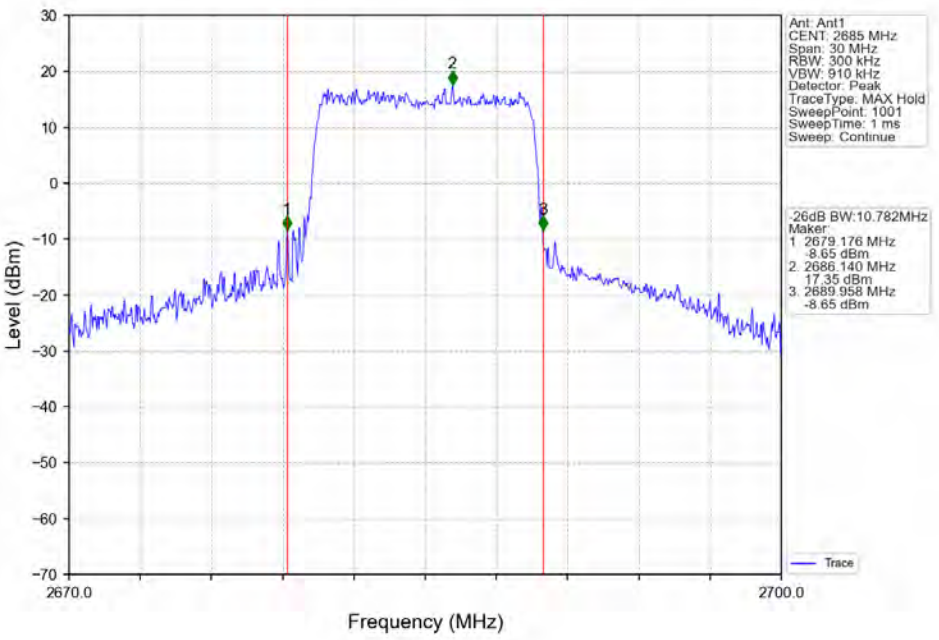
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



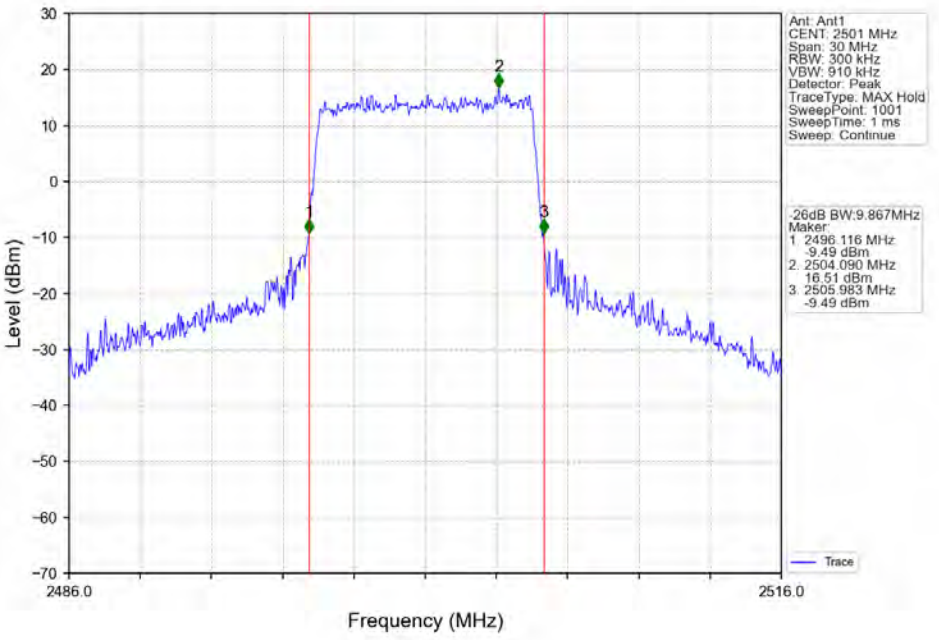
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



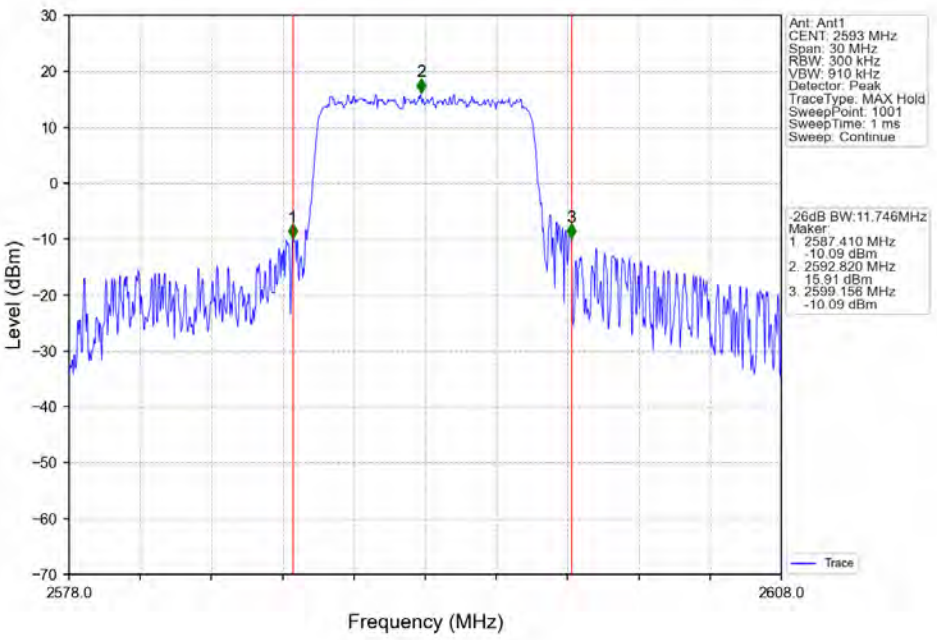
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



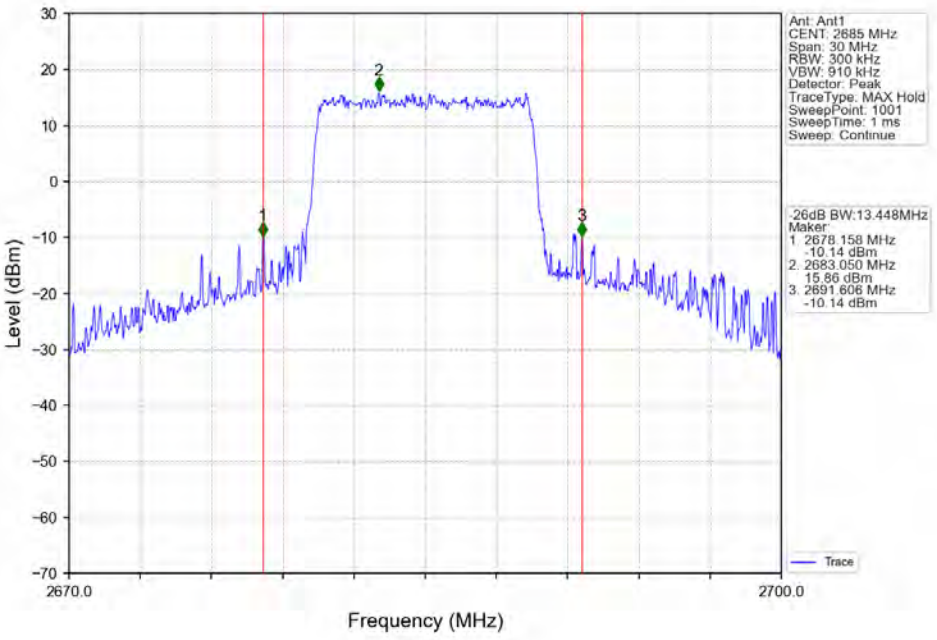
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



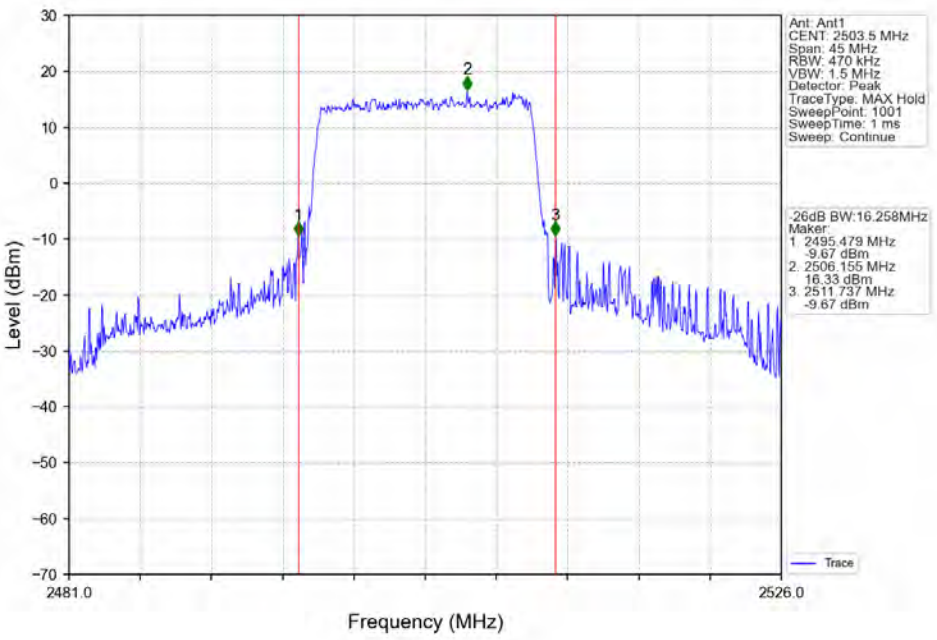
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



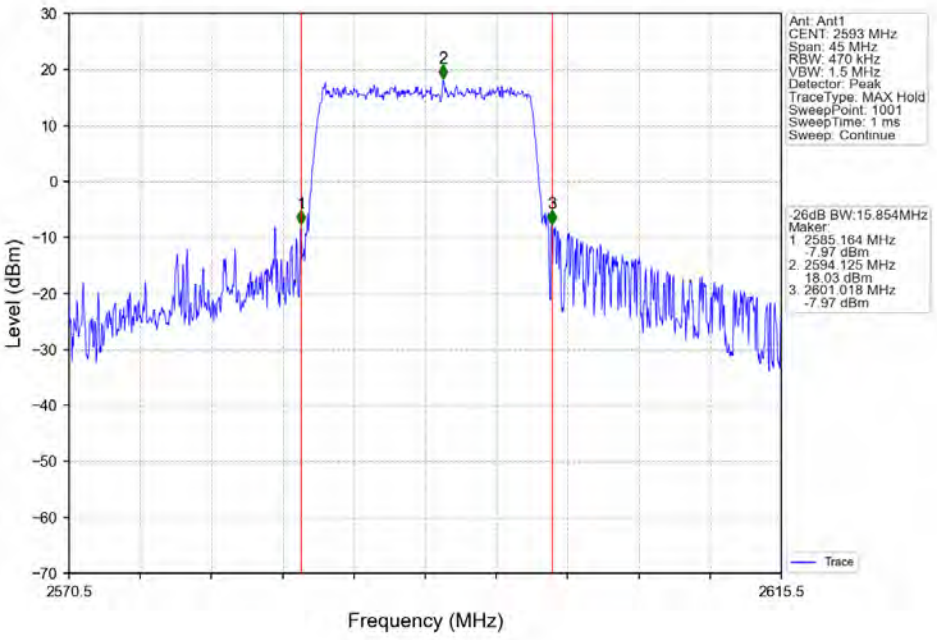
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



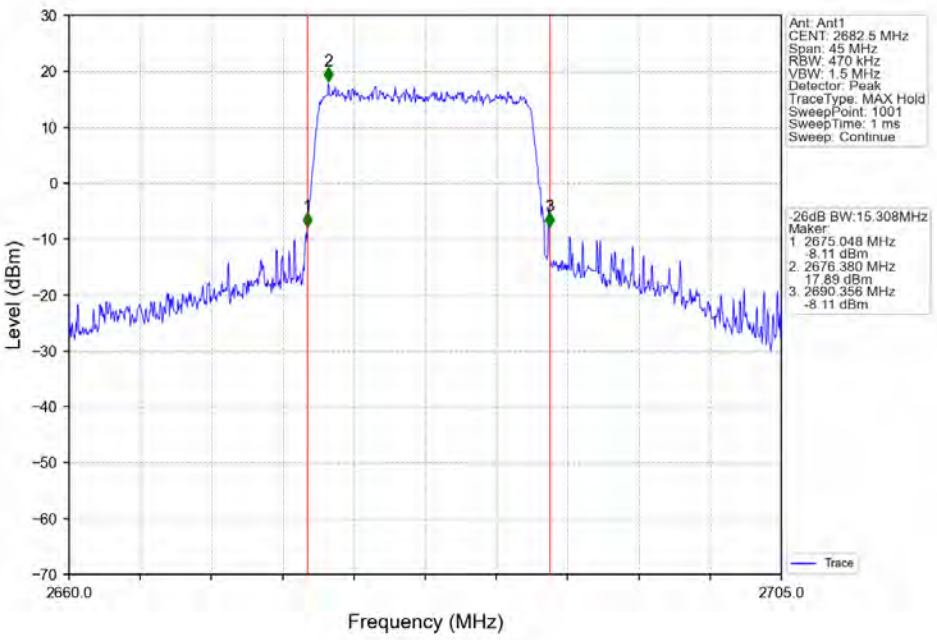
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



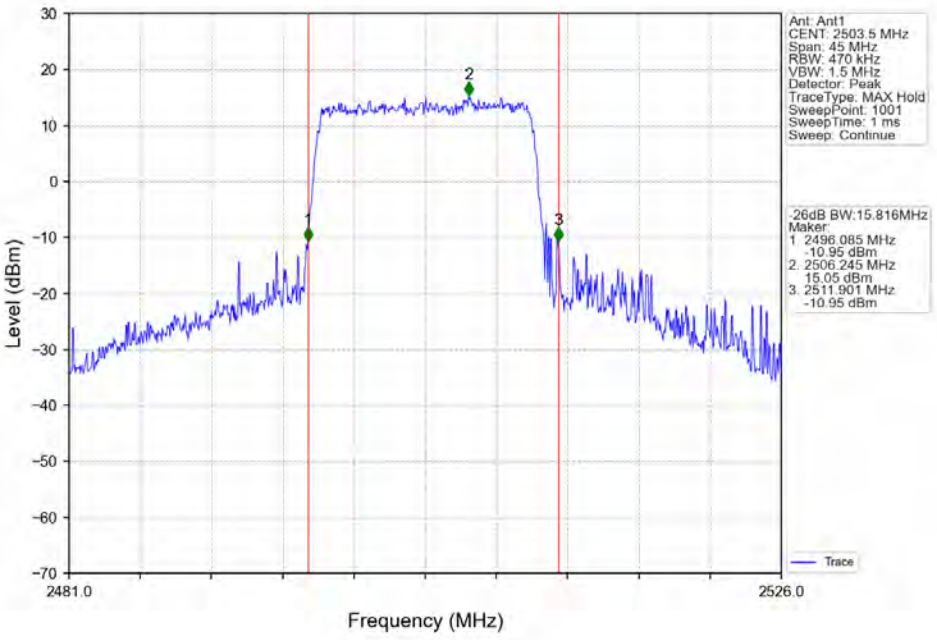
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV

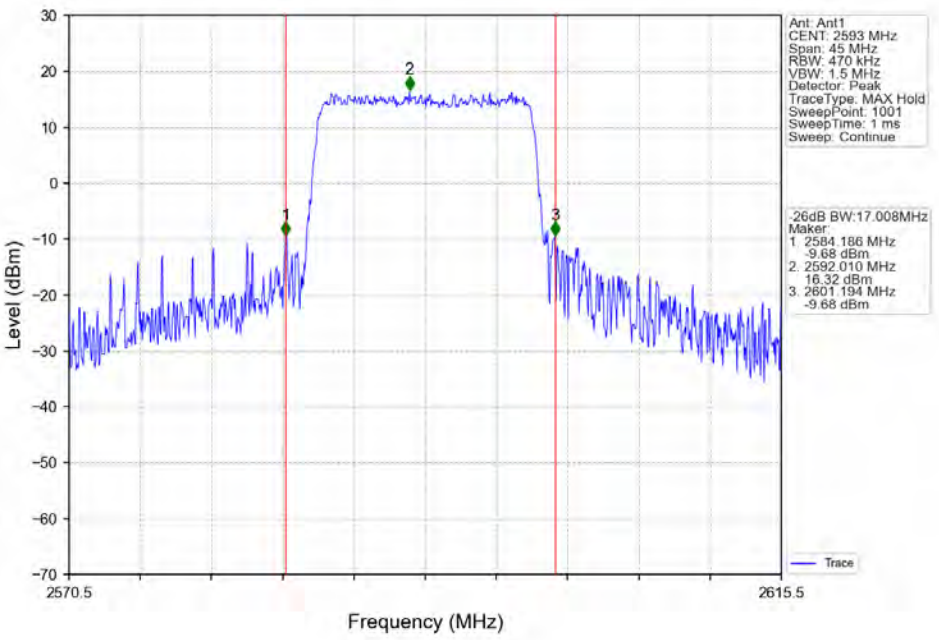


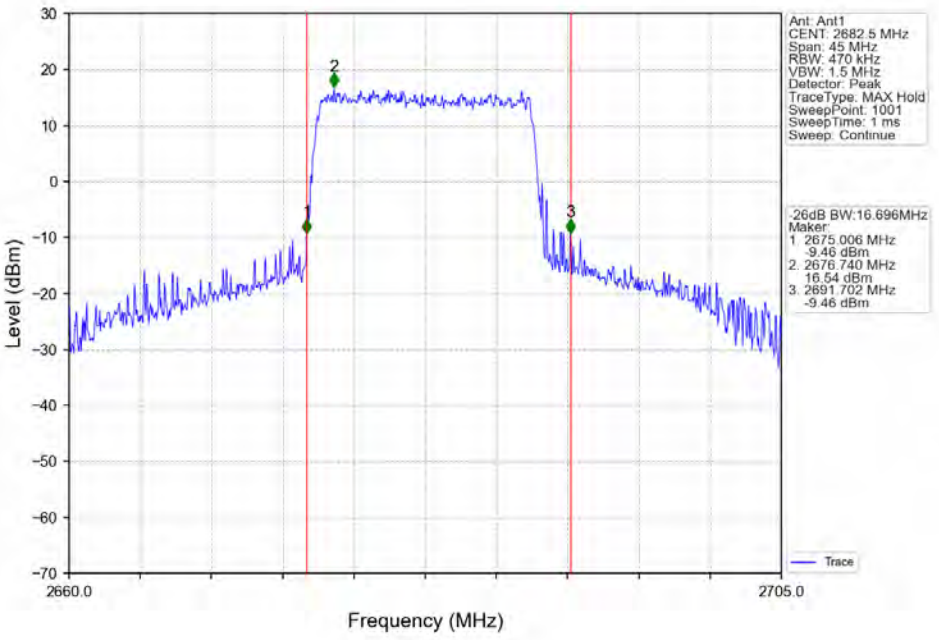
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



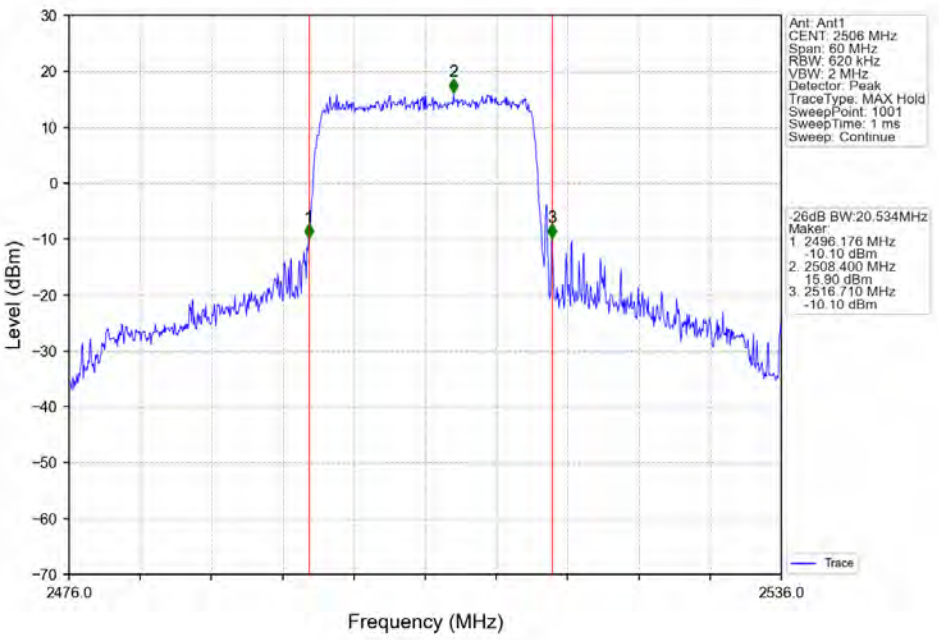
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



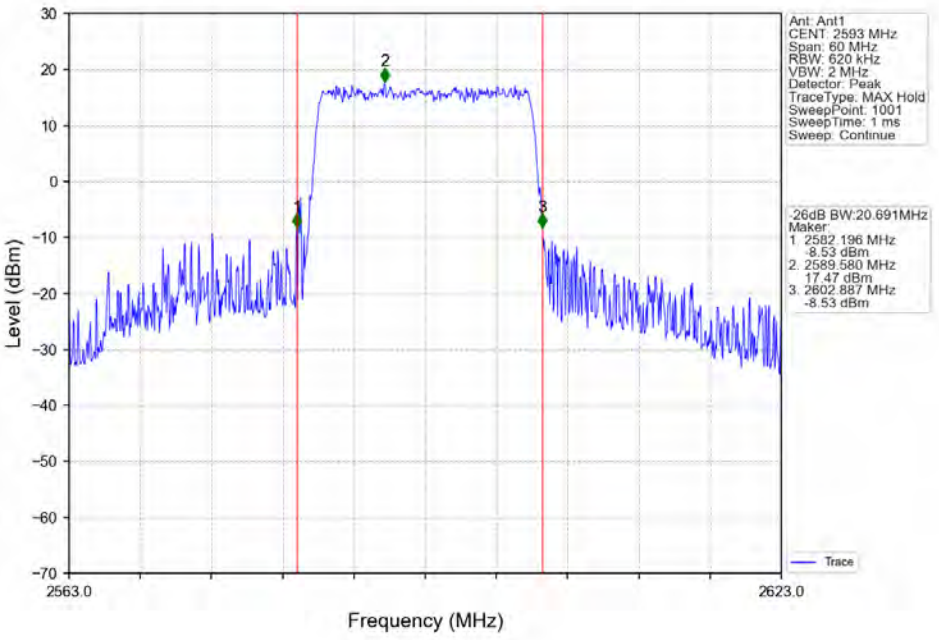
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV


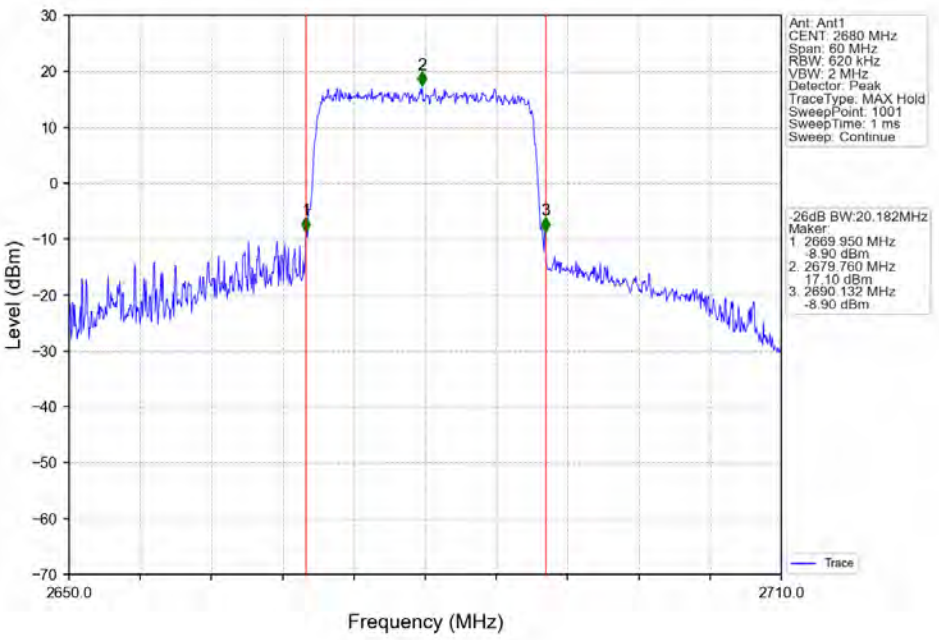
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



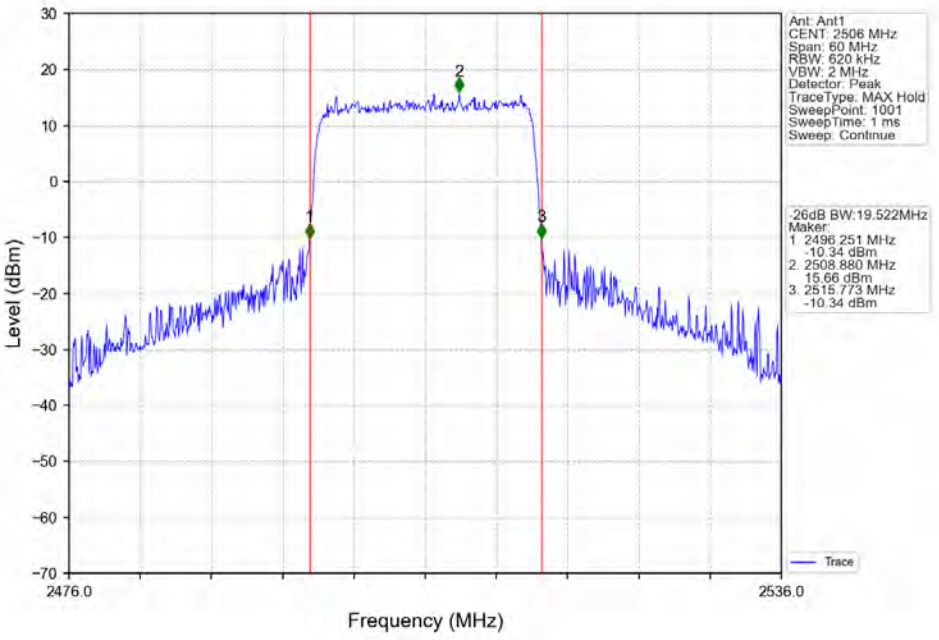
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



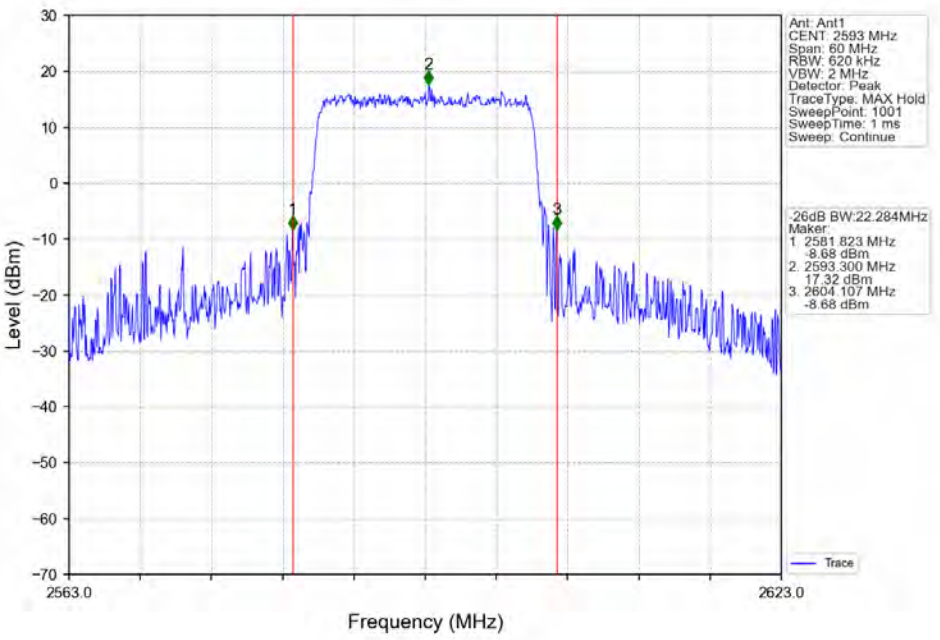
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



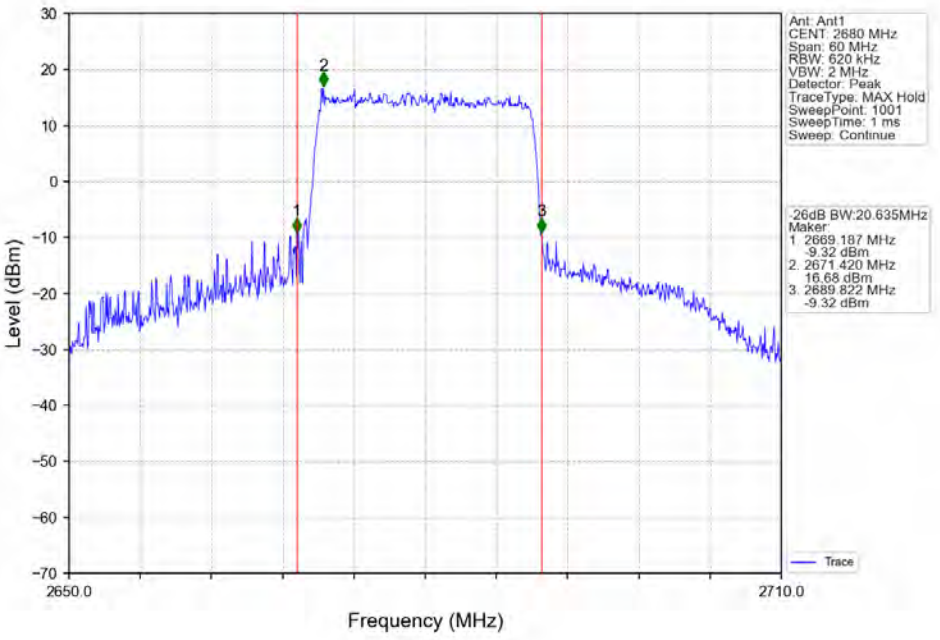
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



5. Peak-Average Ratio

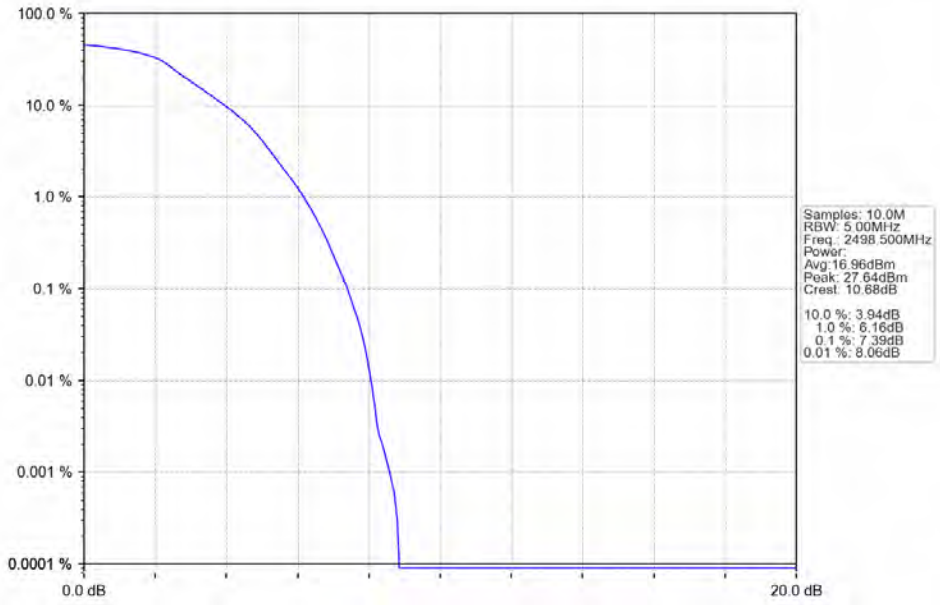
5.1 B41_5MHz

5.1.1 Test Result

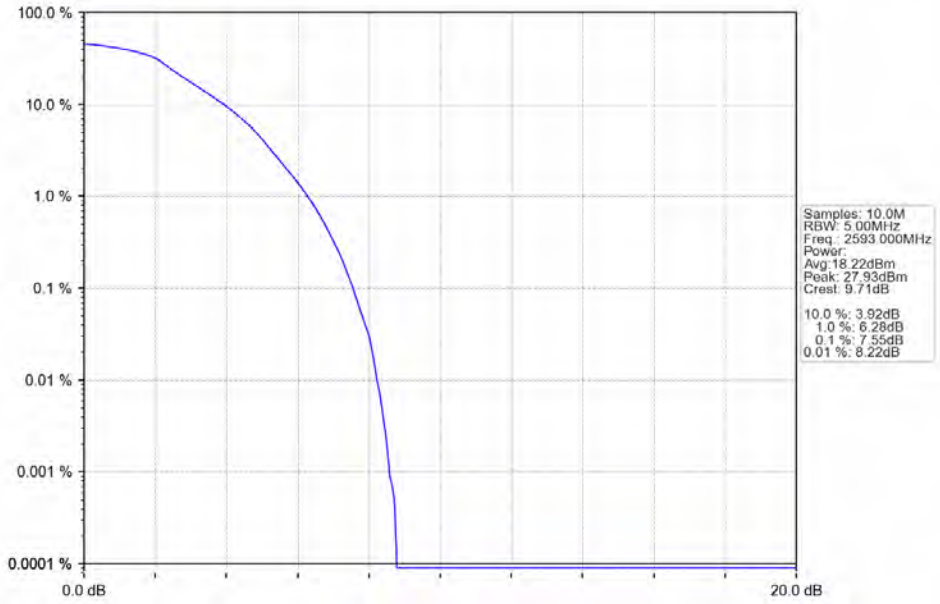
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.39	<=13	Pass
	2593	25	0	7.55	<=13	Pass
	2687.5	25	0	7.53	<=13	Pass
16QAM	2498.5	25	0	8.11	<=13	Pass
	2593	25	0	8.33	<=13	Pass
	2687.5	25	0	8.50	<=13	Pass

5.1.2 Test Graph

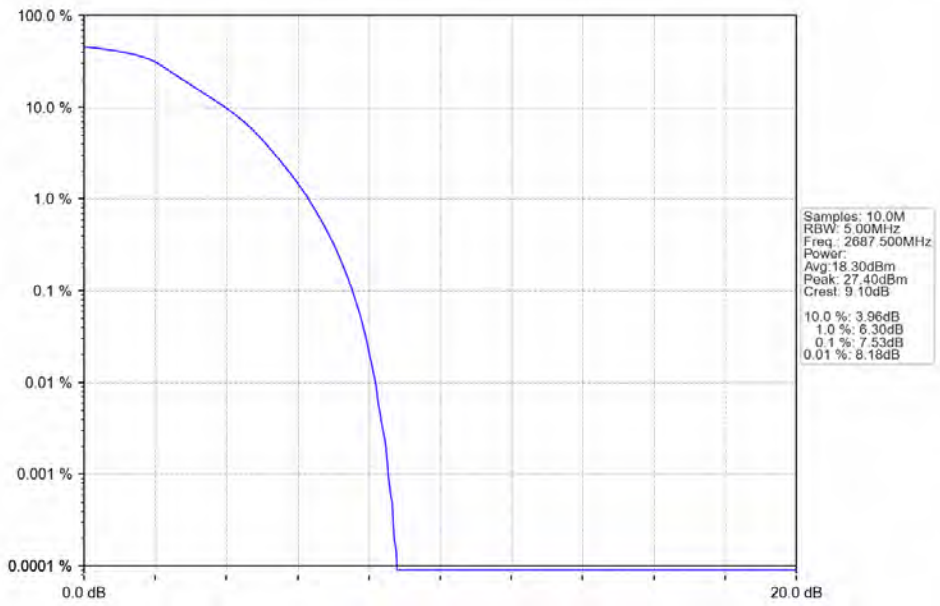
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



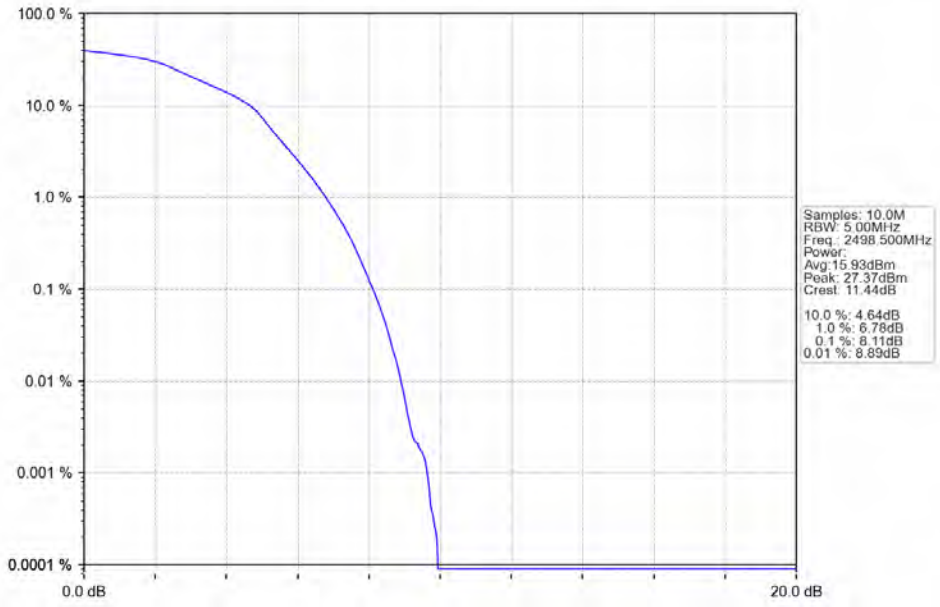
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



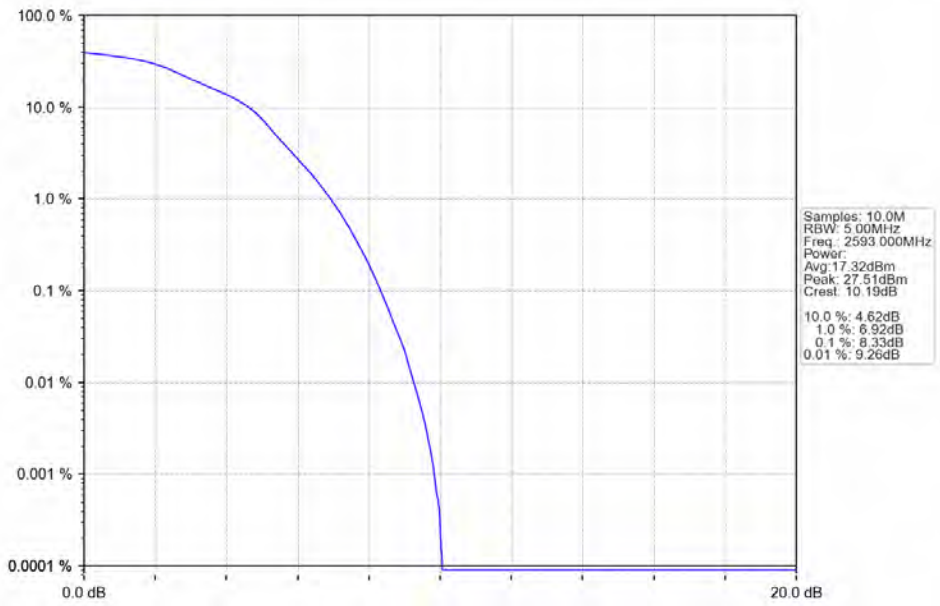
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



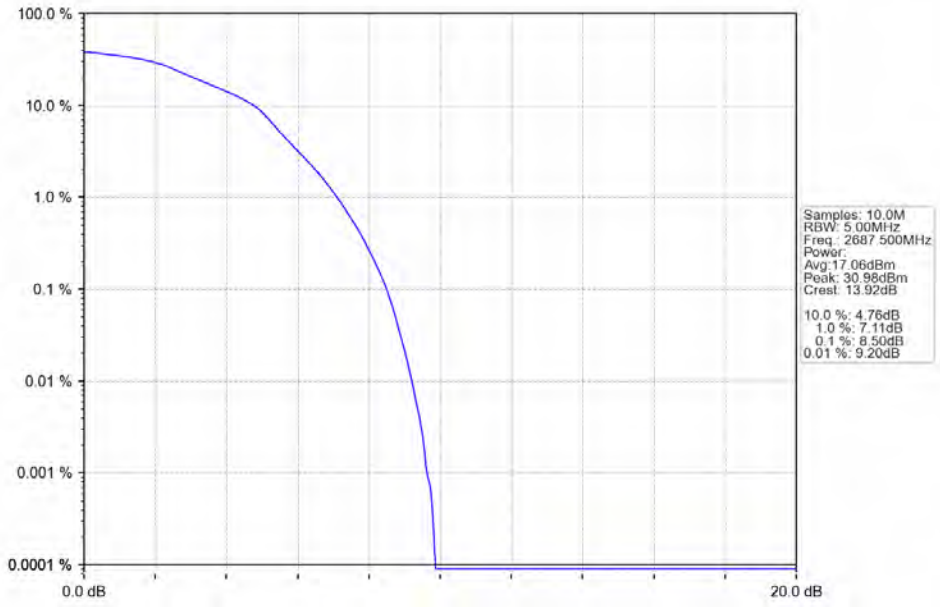
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



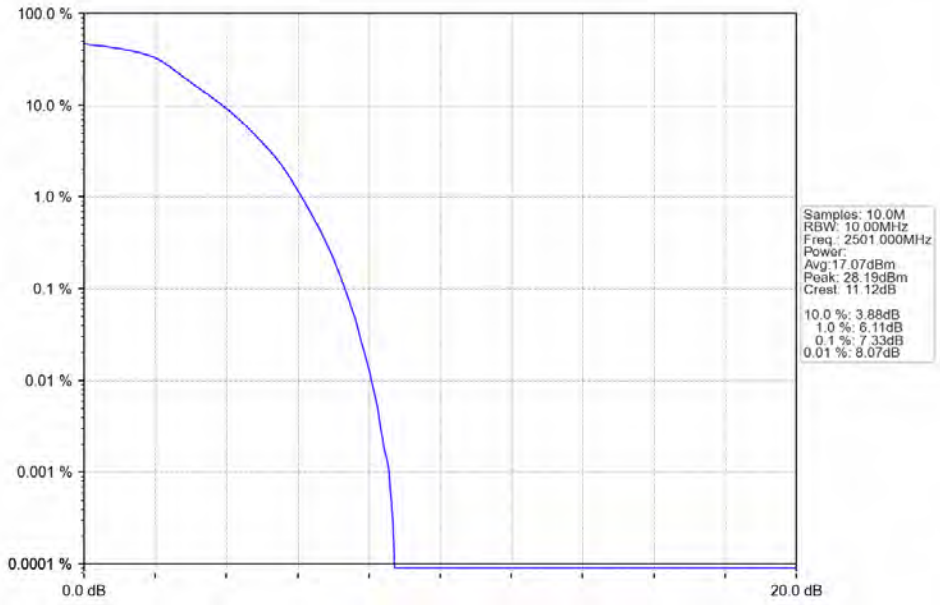
5.2 B41_10MHz

5.2.1 Test Result

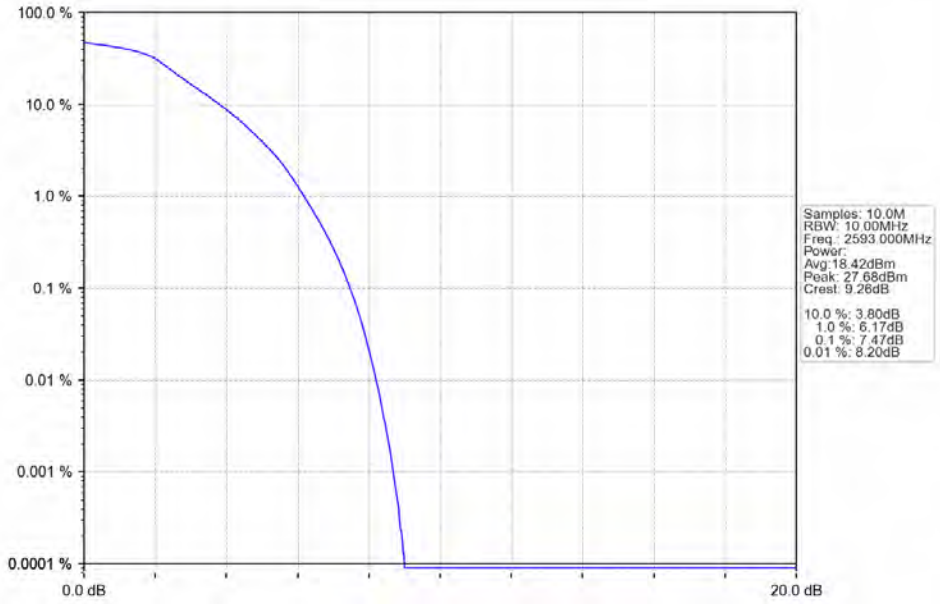
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	7.33	<=13	Pass
	2593	50	0	7.47	<=13	Pass
	2685	50	0	7.45	<=13	Pass
16QAM	2501	50	0	8.04	<=13	Pass
	2593	50	0	8.13	<=13	Pass
	2685	50	0	8.03	<=13	Pass

5.2.2 Test Graph

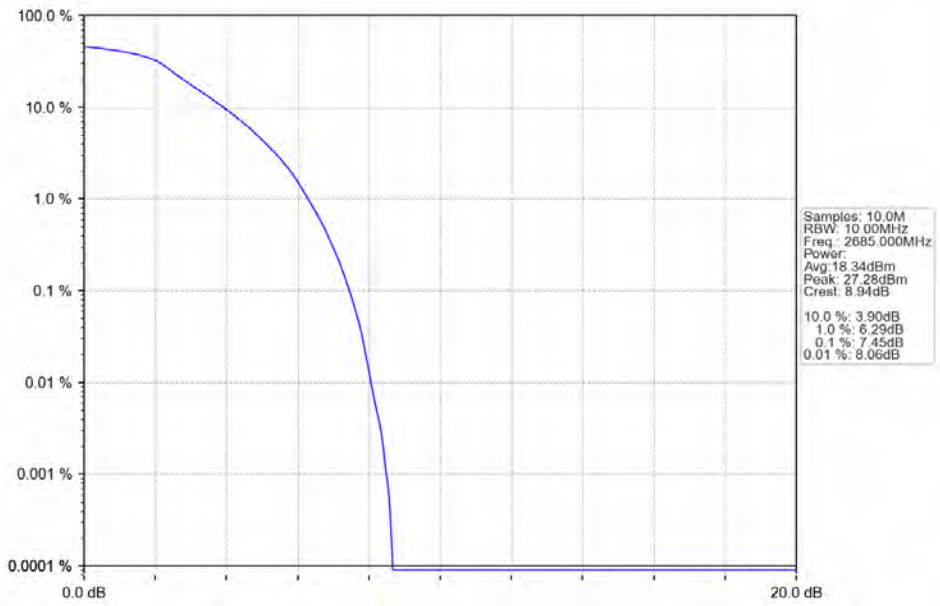
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



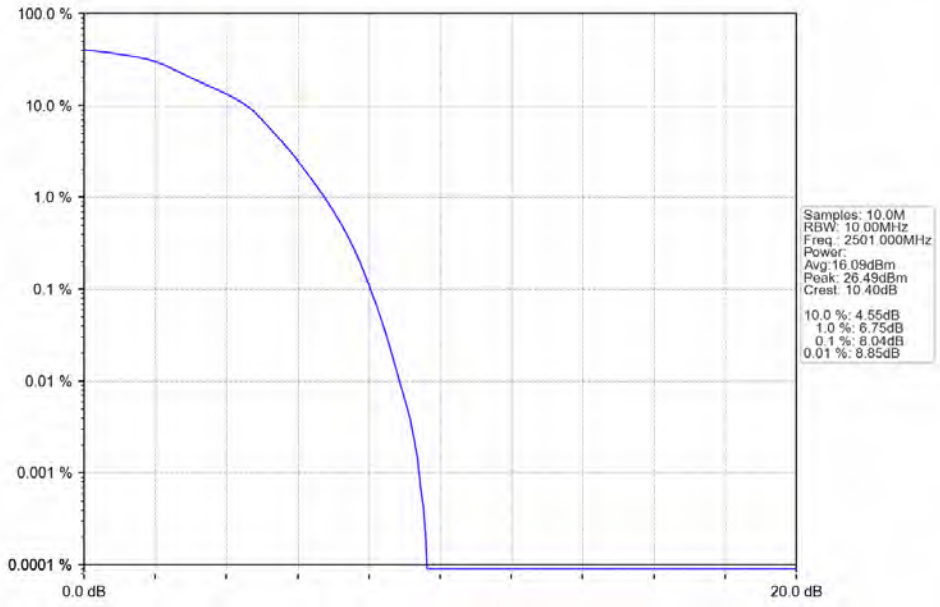
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



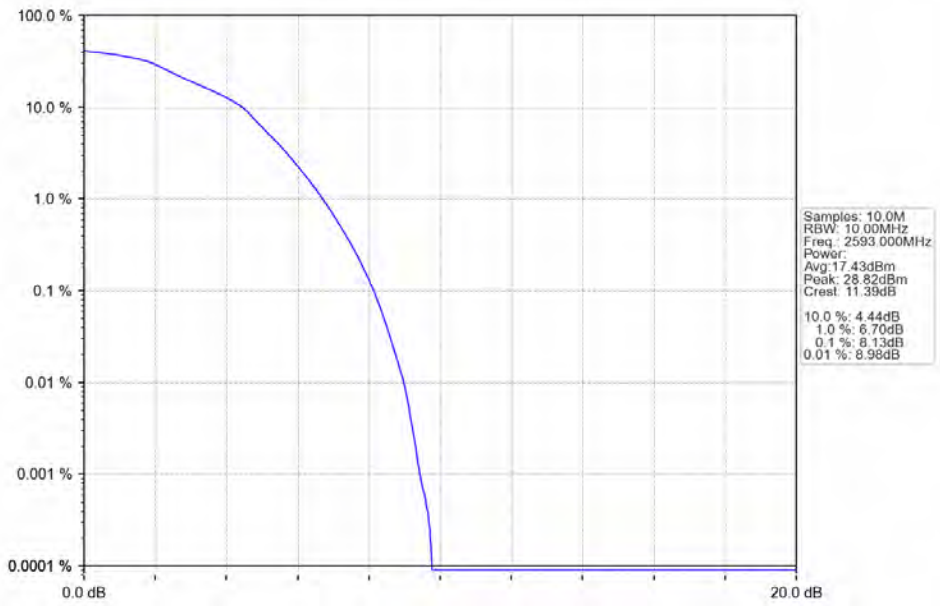
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



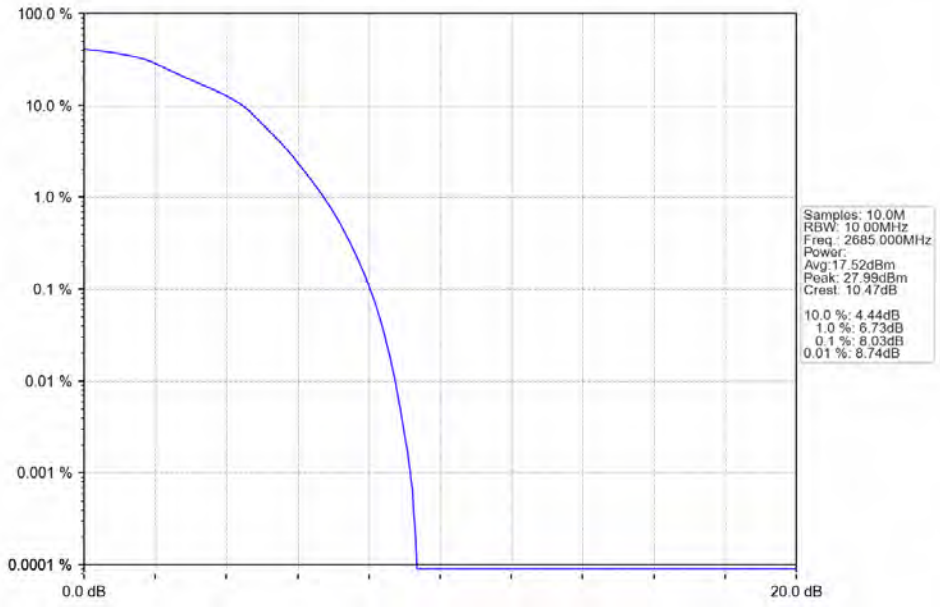
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



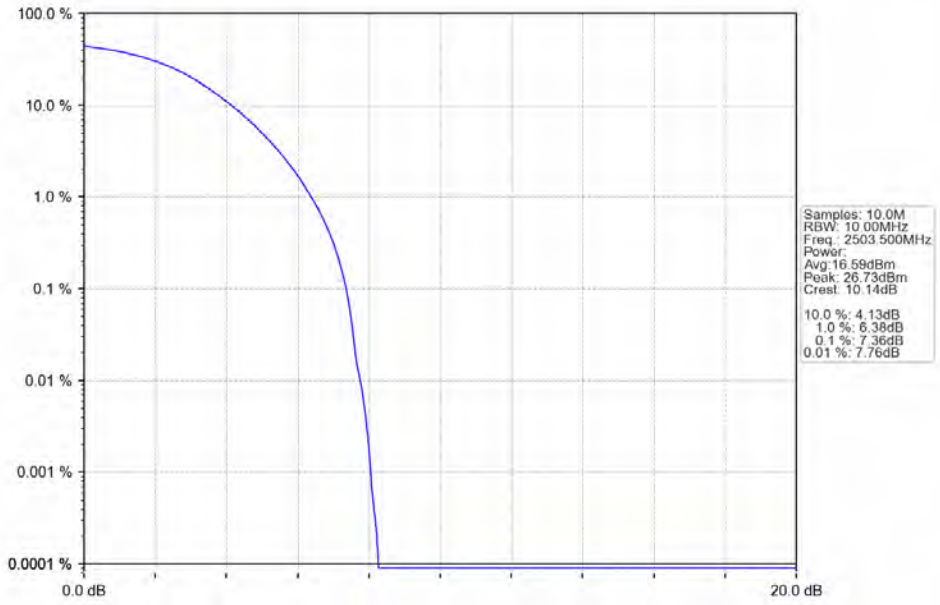
5.3 B41_15MHz

5.3.1 Test Result

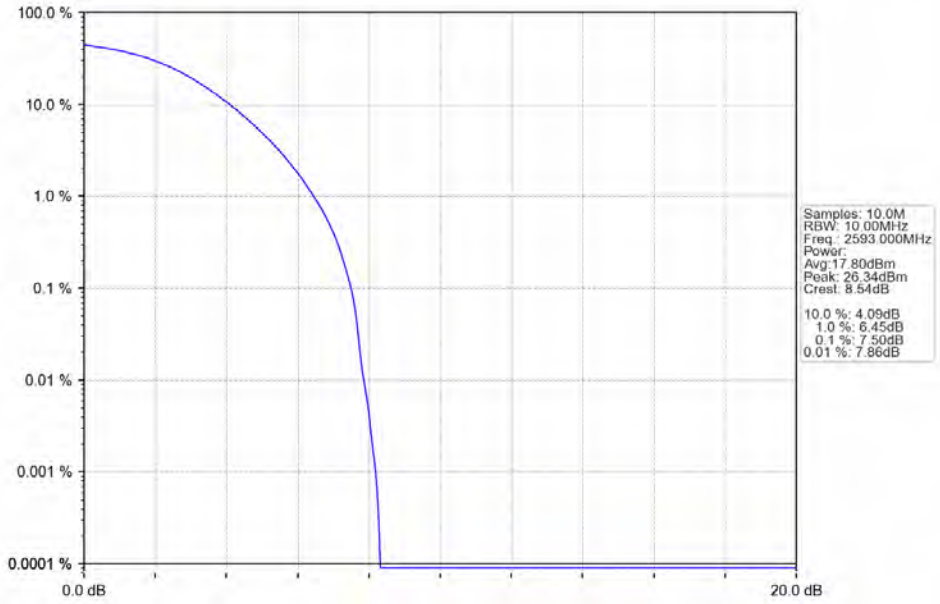
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.36	<=13	Pass
	2593	75	0	7.50	<=13	Pass
	2682.5	75	0	7.33	<=13	Pass
16QAM	2503.5	75	0	7.91	<=13	Pass
	2593	75	0	8.13	<=13	Pass
	2682.5	75	0	7.93	<=13	Pass

5.3.2 Test Graph

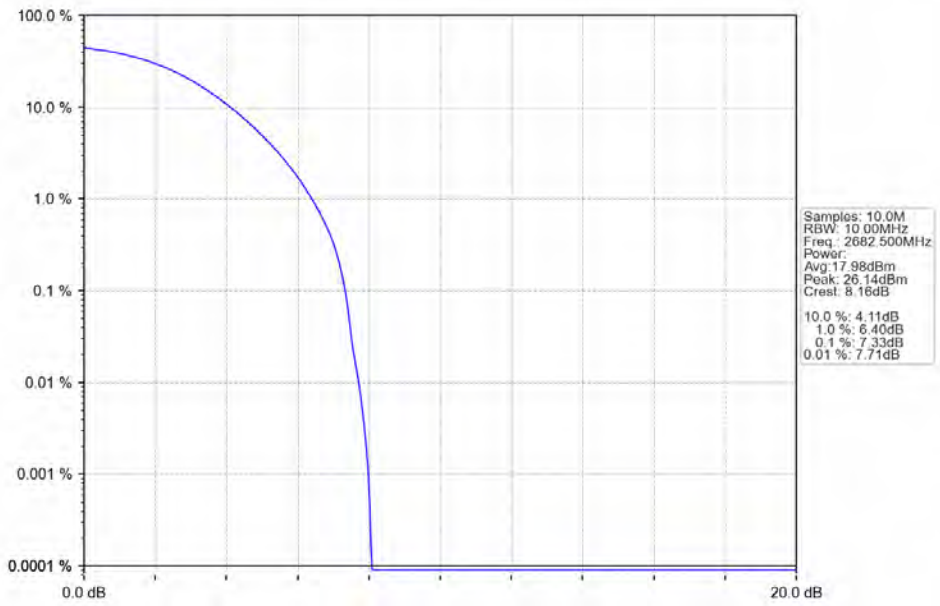
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



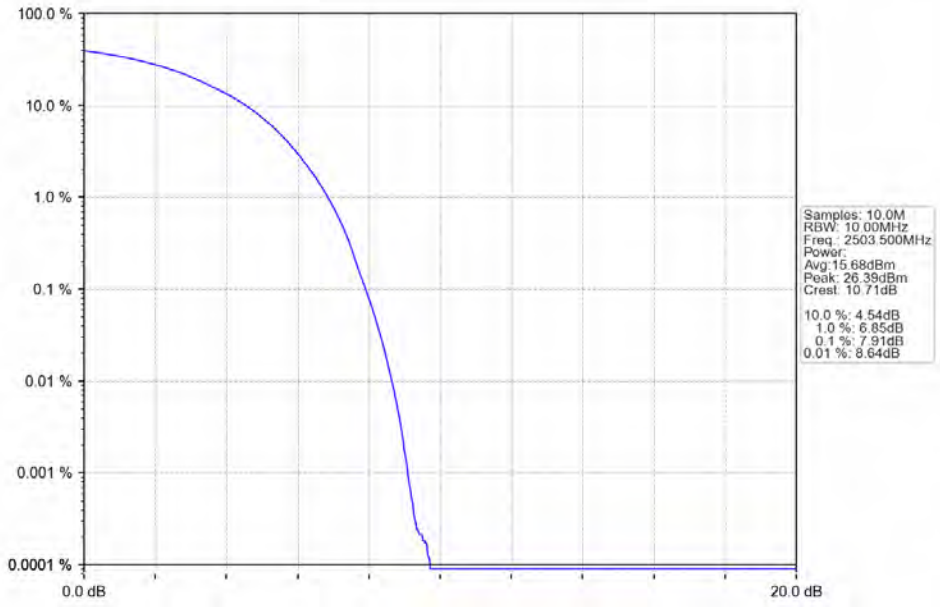
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



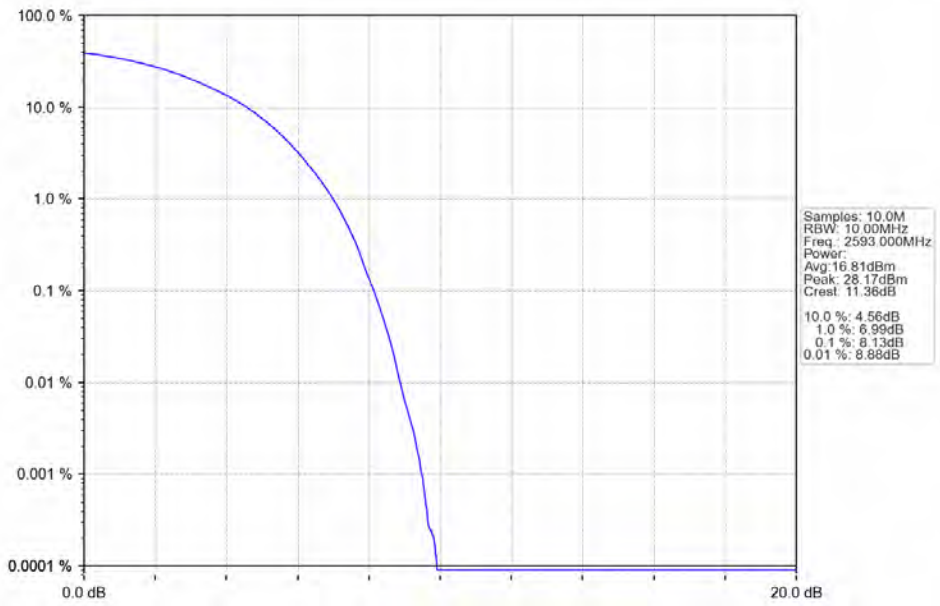
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



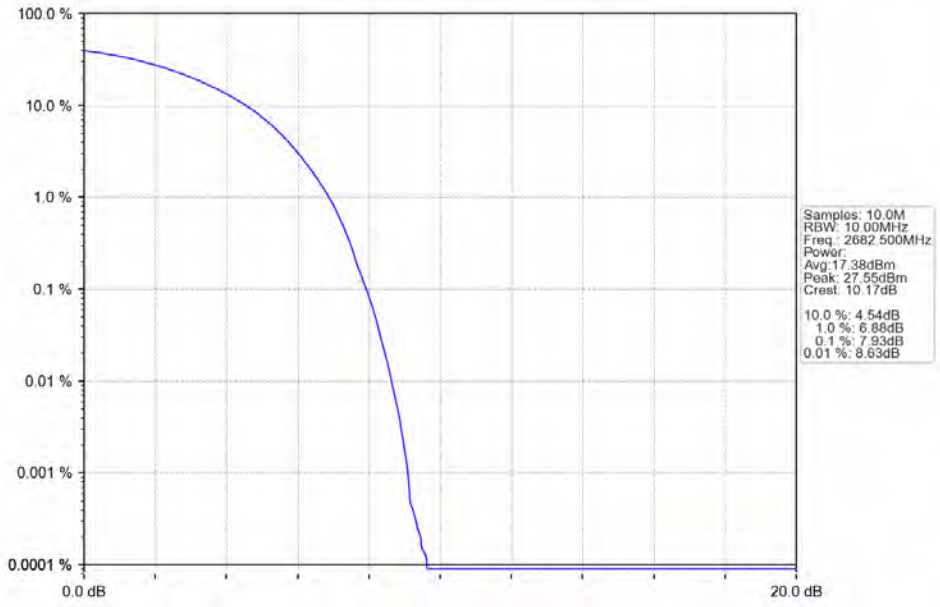
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



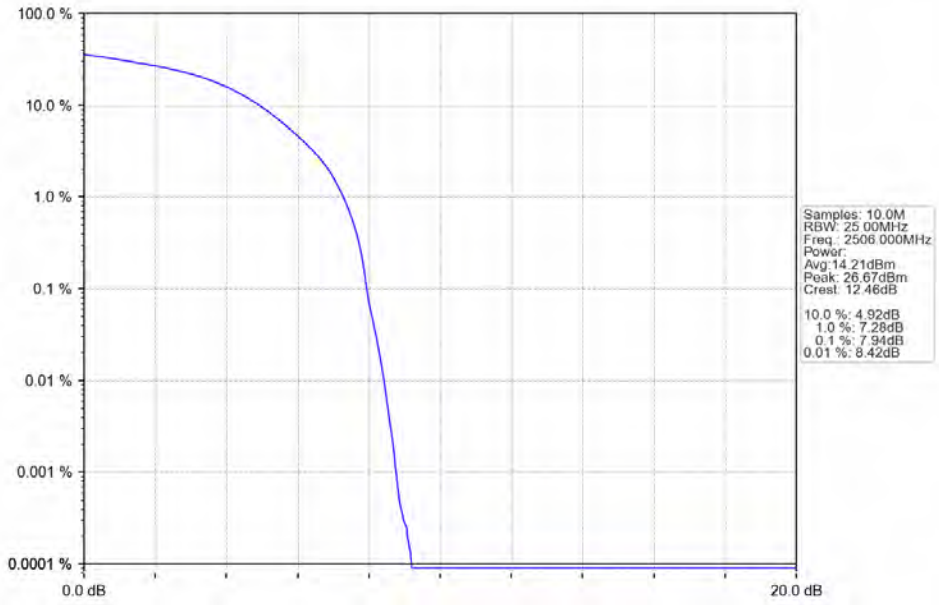
5.4 B41_20MHz

5.4.1 Test Result

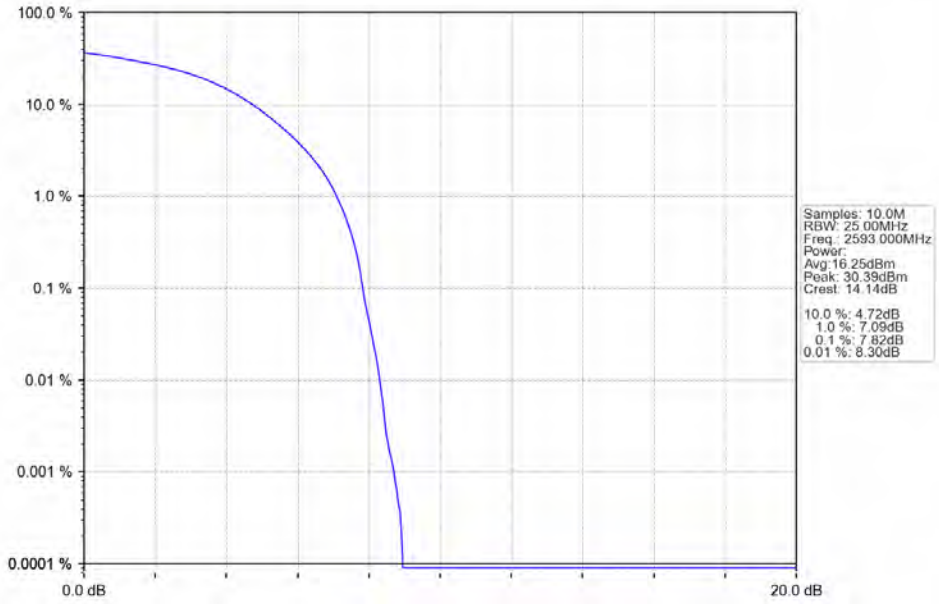
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	7.94	<=13	Pass
	2593	100	0	7.82	<=13	Pass
	2680	100	0	7.79	<=13	Pass
16QAM	2506	100	0	8.58	<=13	Pass
	2593	100	0	8.83	<=13	Pass
	2680	100	0	8.61	<=13	Pass

5.4.2 Test Graph

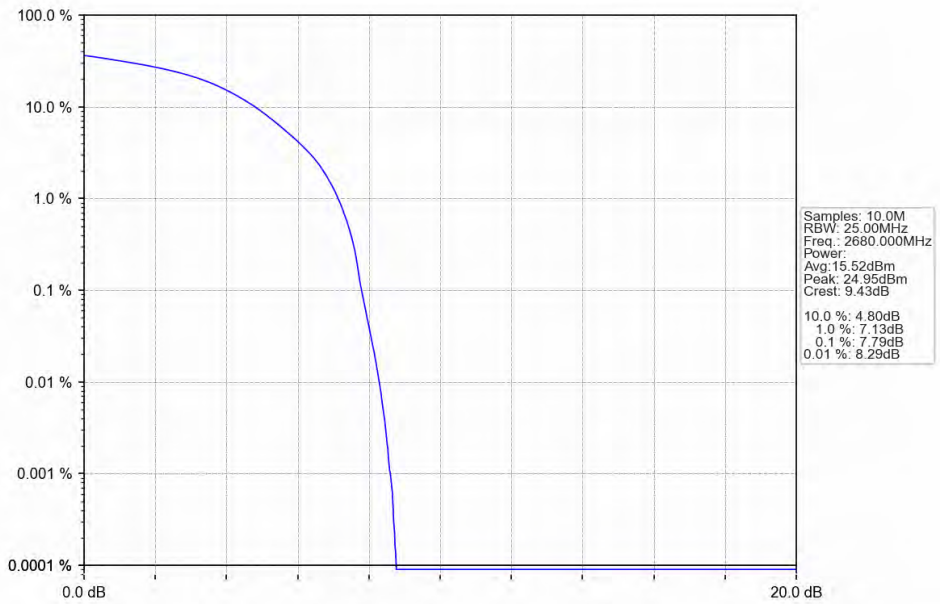
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



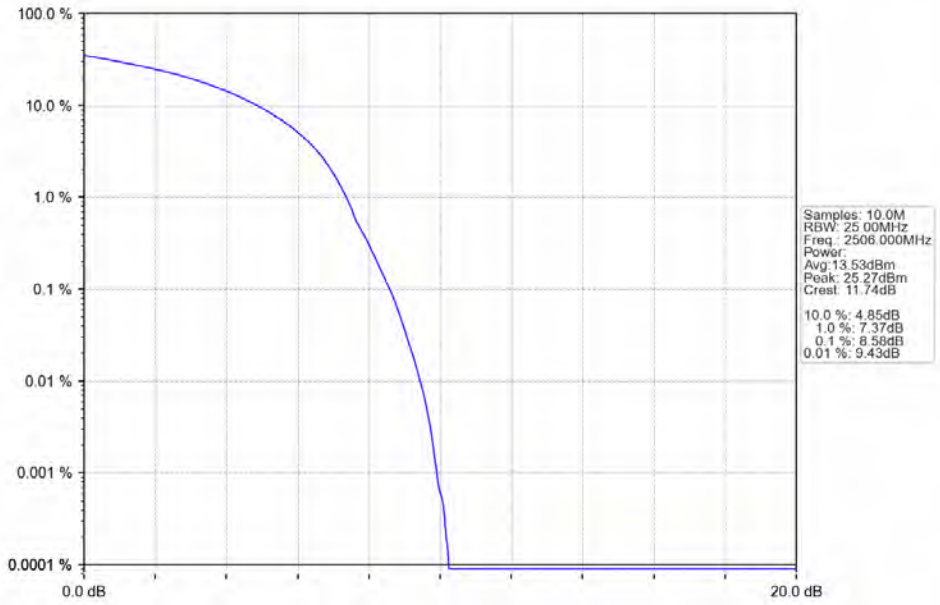
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



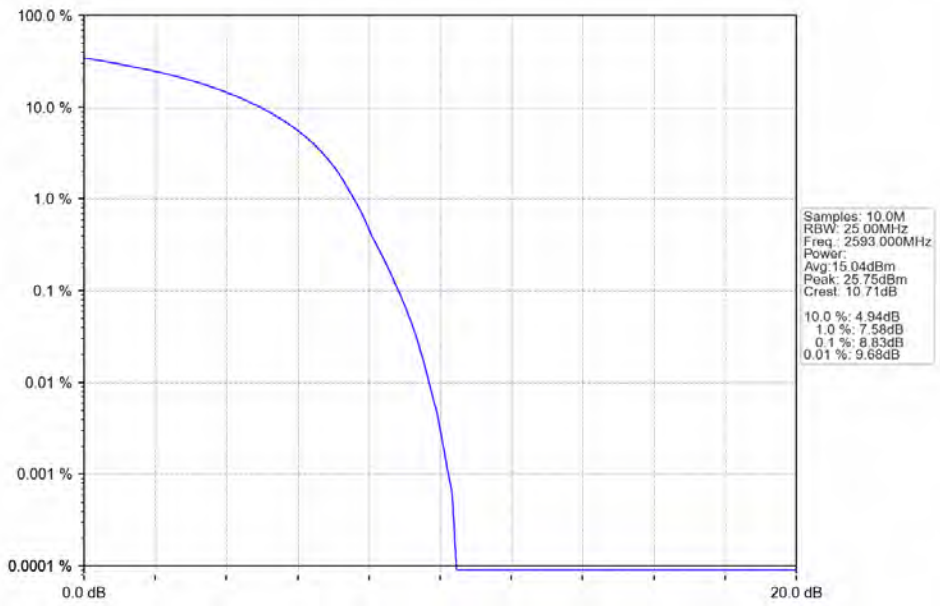
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



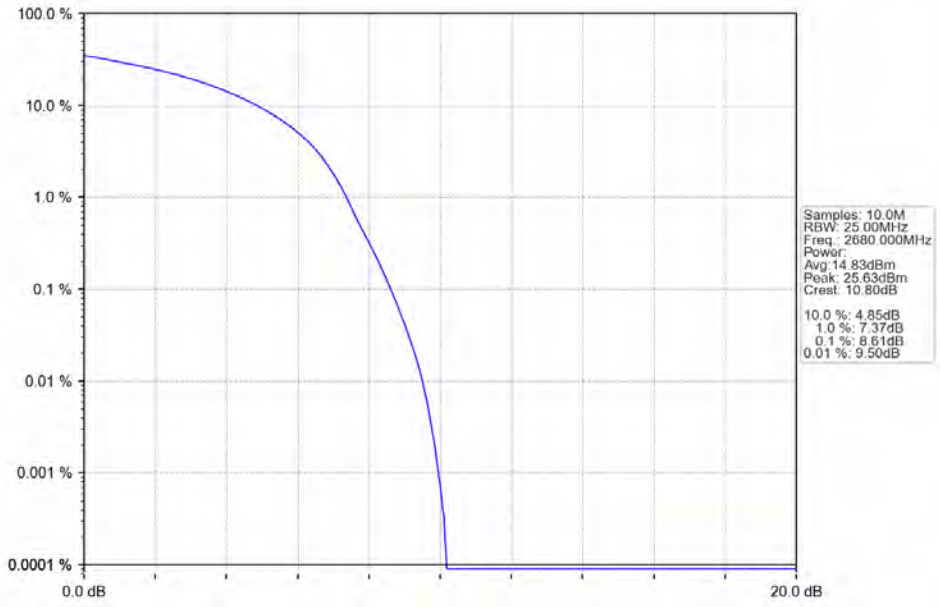
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



6. Spurious Emission

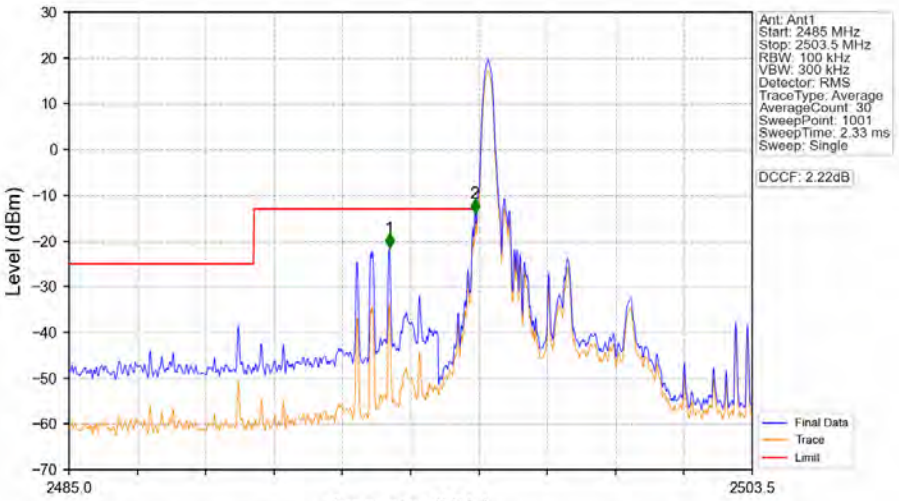
6.1 B41_5MHz

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

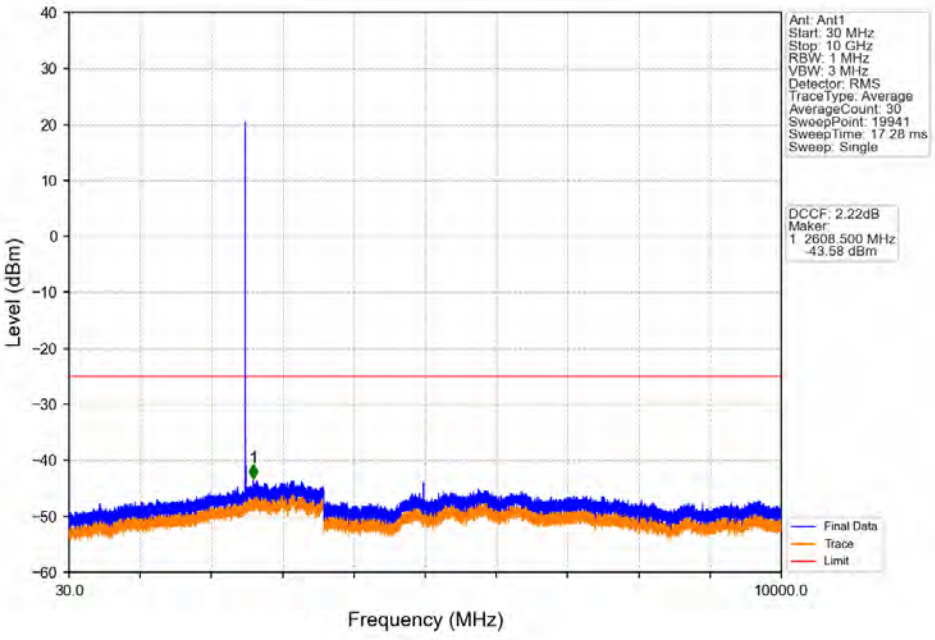
6.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

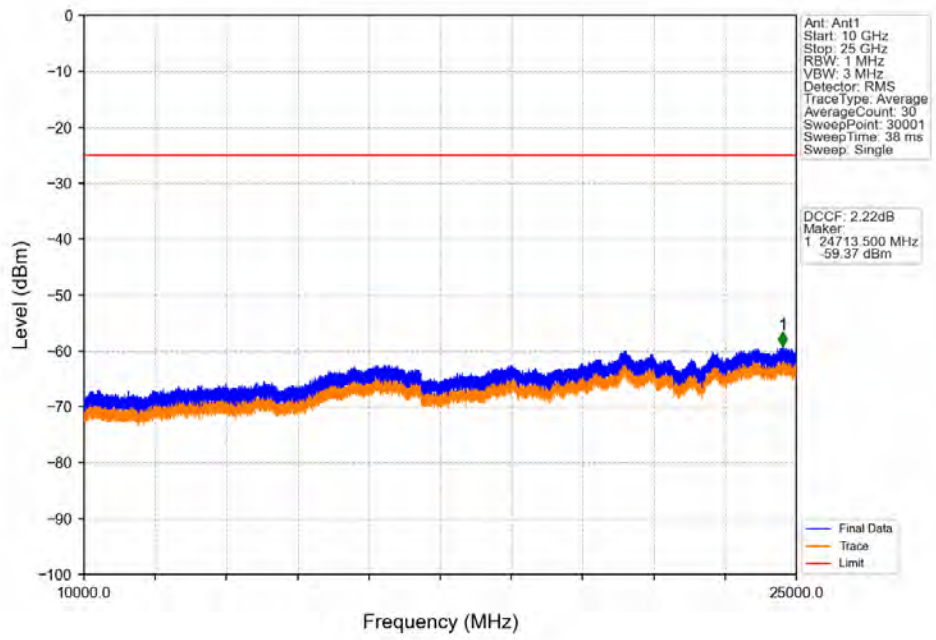


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2493.677	-21.57	-13	Pass
2495	2496	0.1	0	2	2495.989	-13.98	-13	Pass
2496	2503.5	0.1	0	/	/	/	/	/

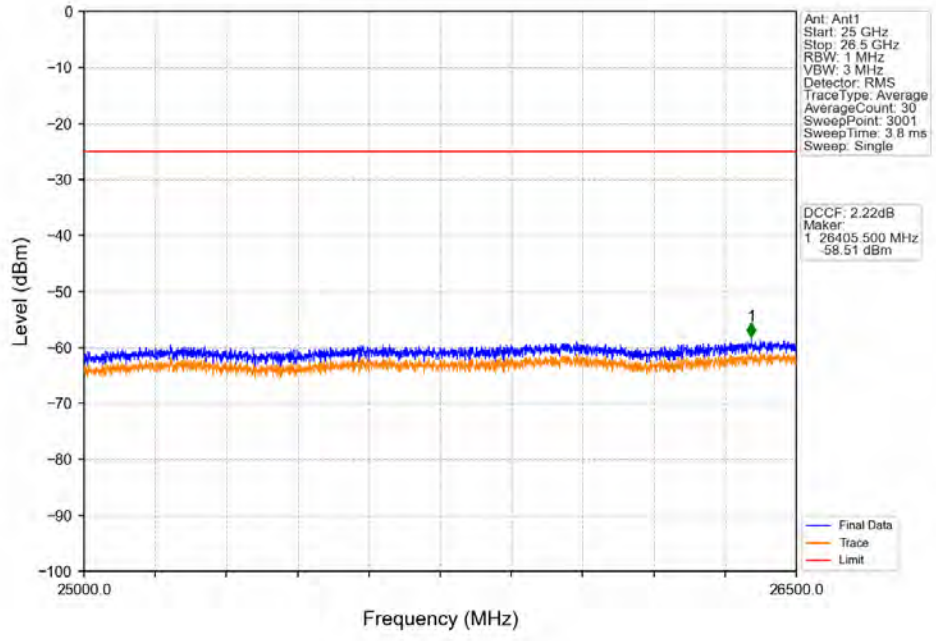
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



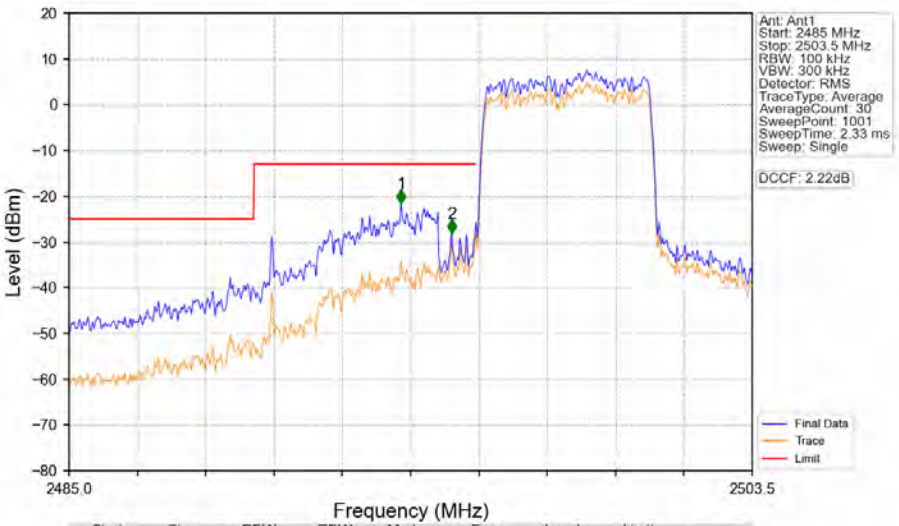
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

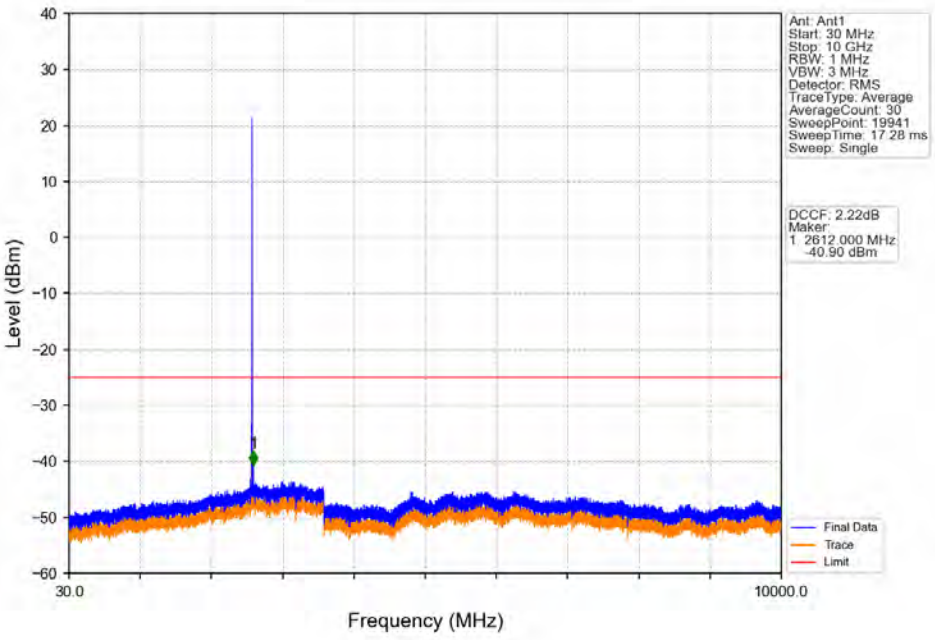


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

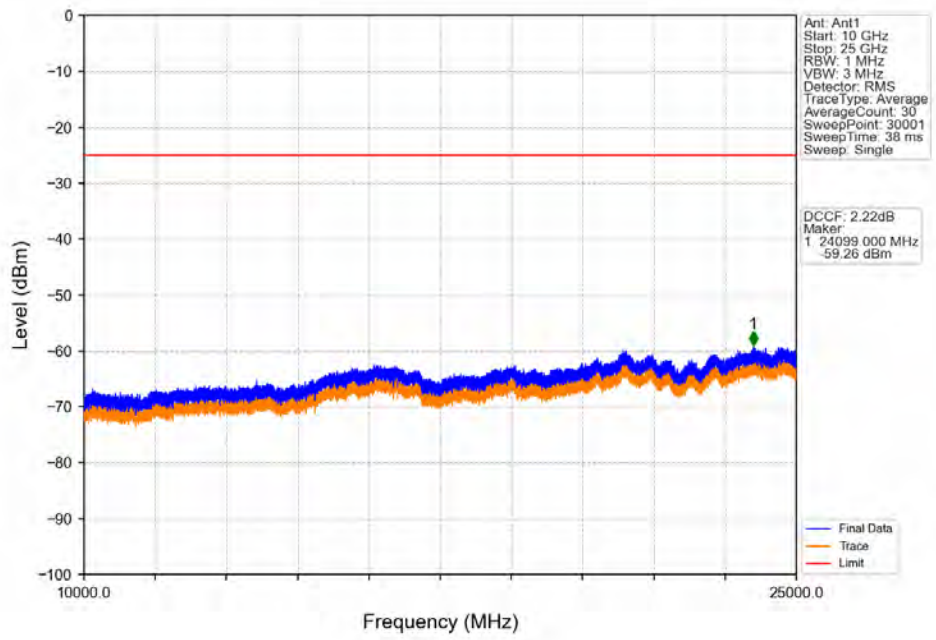


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2493.991	-21.60	-13	Pass
2495	2496	0.1	0	2	2495.360	-28.10	-13	Pass
2496	2503.5	0.111	0.45	/	/	/	/	/

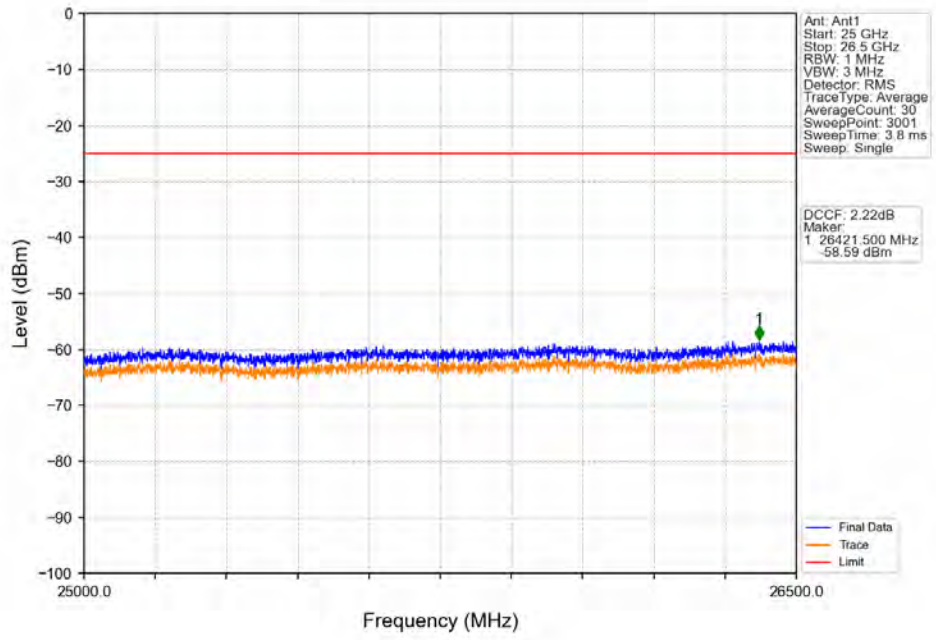
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



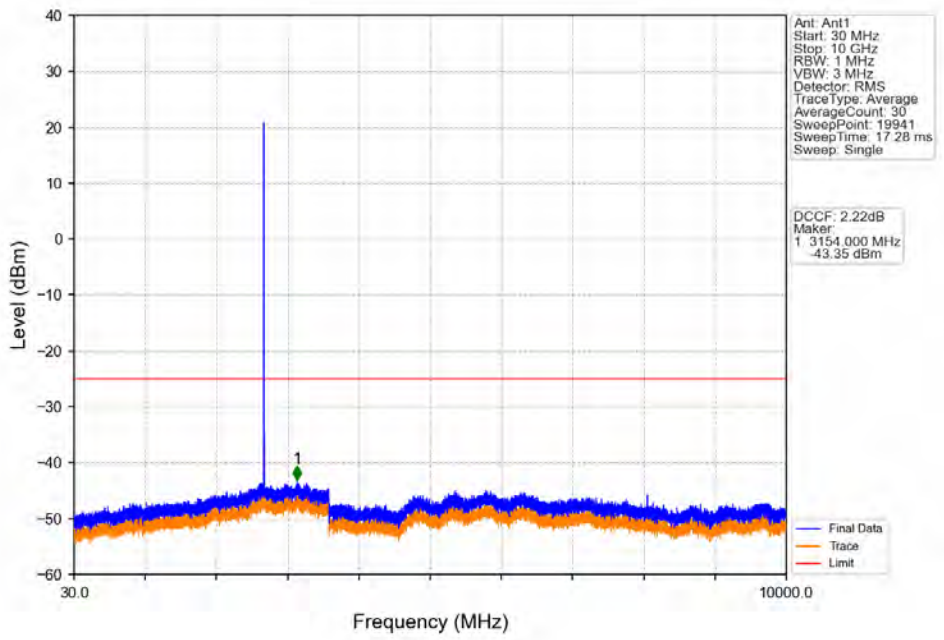
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



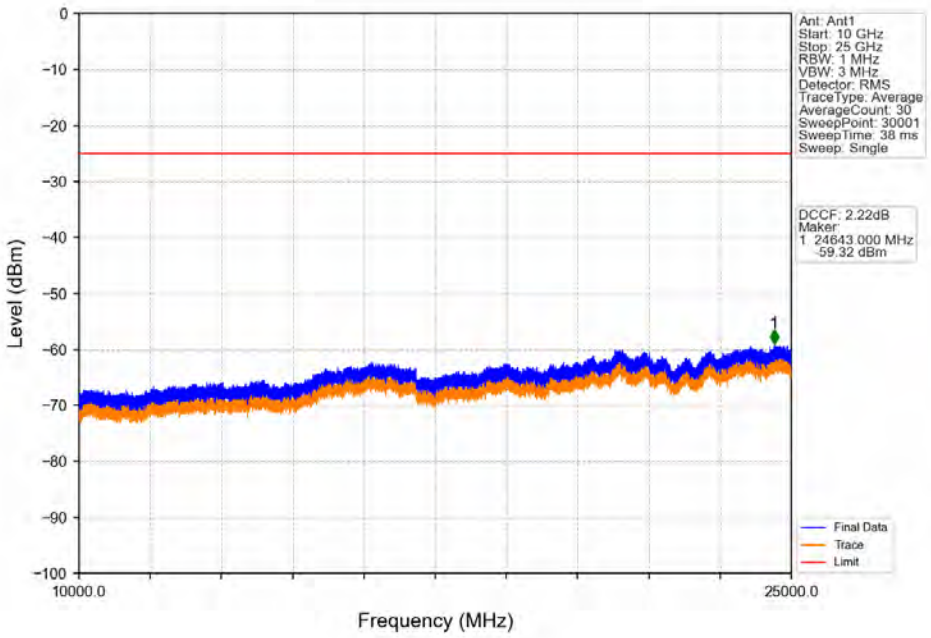
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



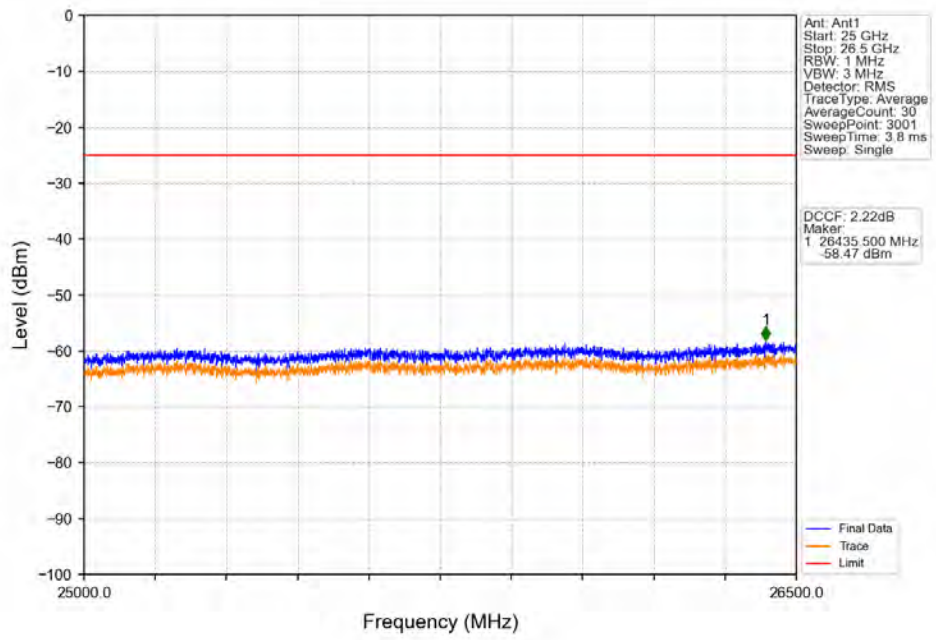
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



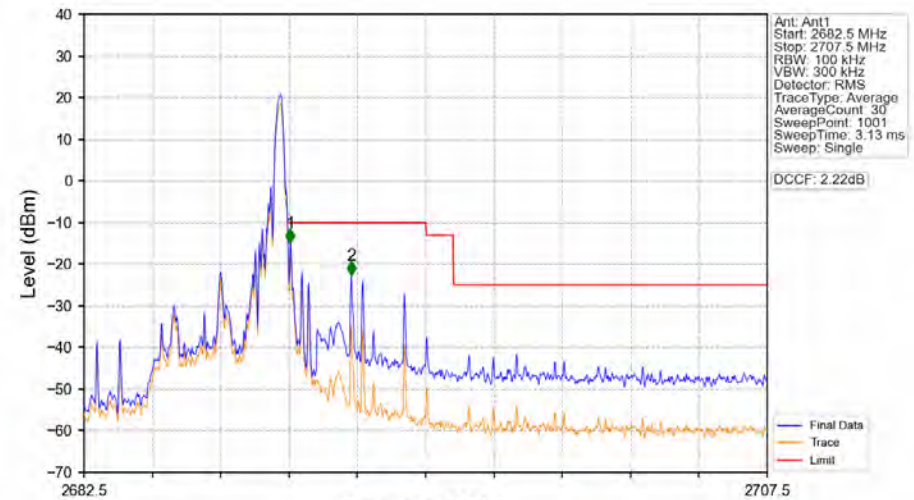
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

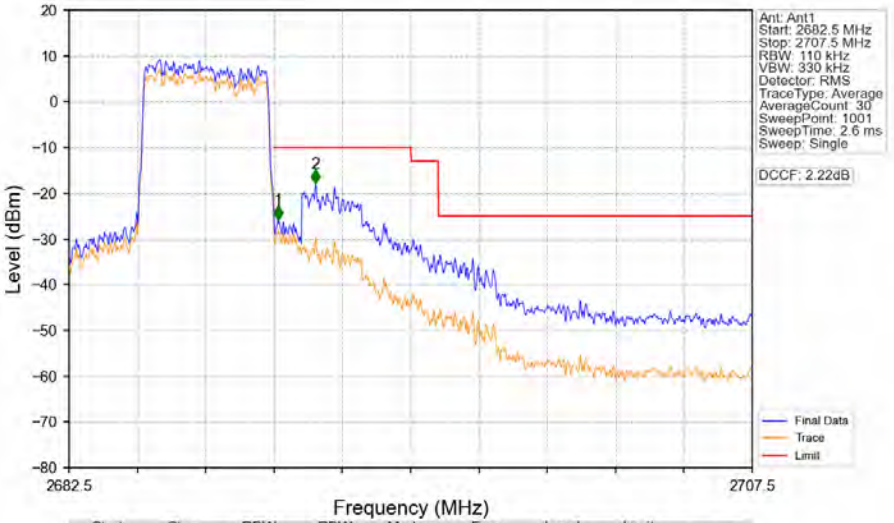


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



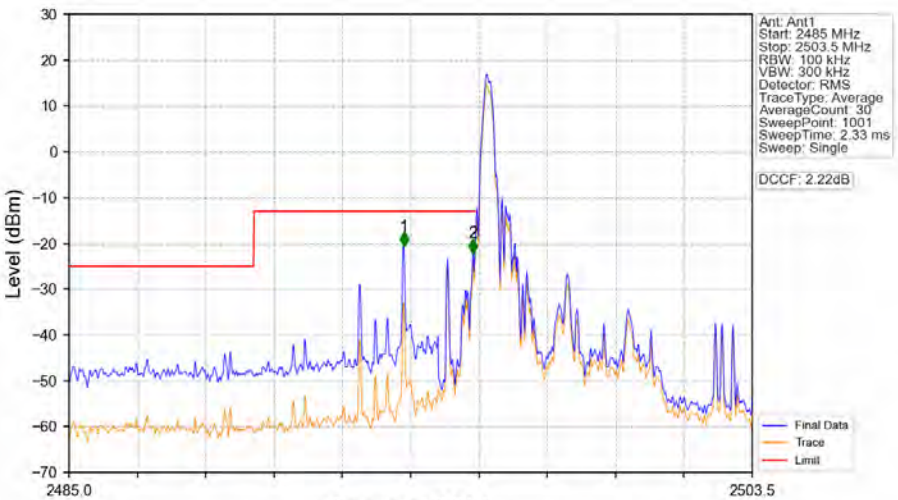
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	0	/	/	/	/	/
2690	2691	0.1	0	1	2690.050	-14.87	-10	Pass
2691	2707.5	1	10	2	2692.275	-22.64	-10	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



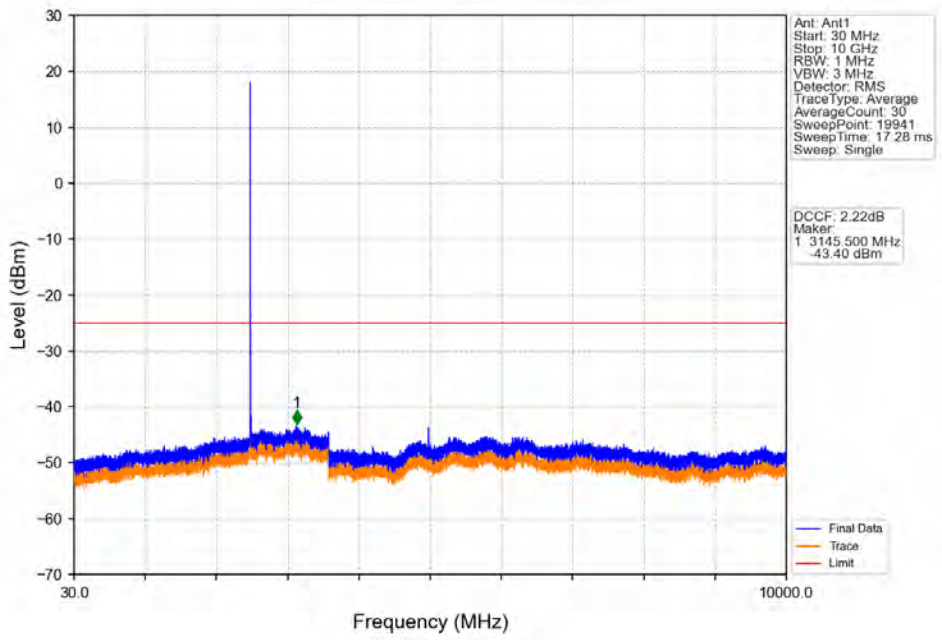
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	0	/	/	/	/	/
2690	2691	0.11	0	1	2690.150	-25.93	-10	Pass
2691	2707.5	1	9.59	2	2691.525	-17.91	-10	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

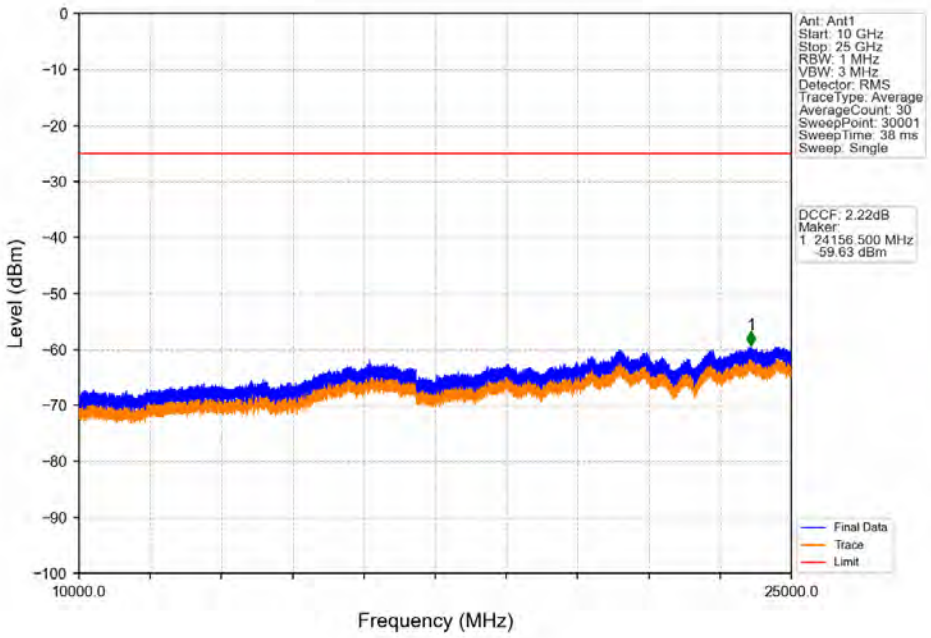


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2494.065	-20.63	-13	Pass
2495	2496	0.1	0	2	2495.934	-22.11	-13	Pass
2496	2503.5	0.1	0	/	/	/	/	/

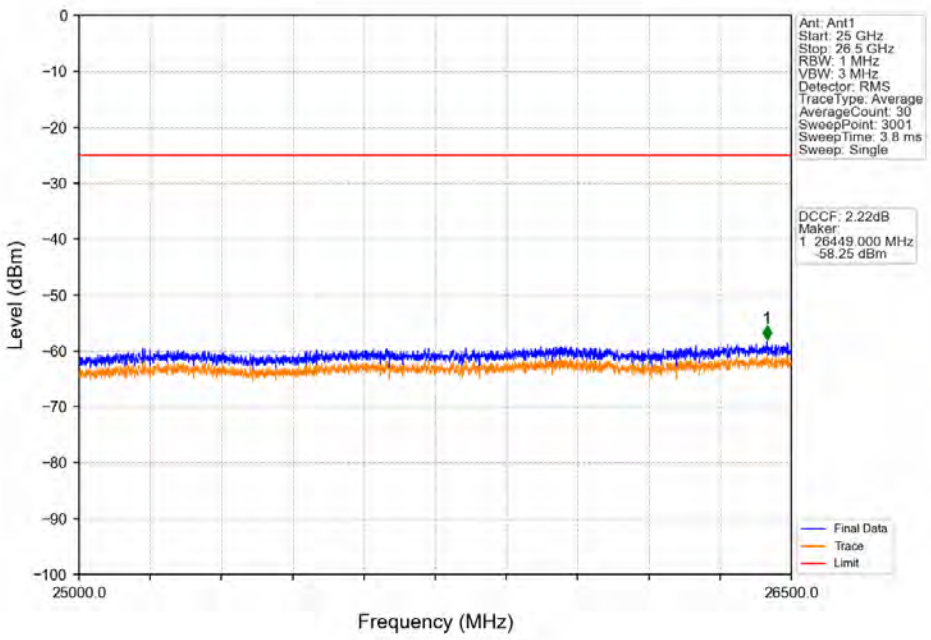
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



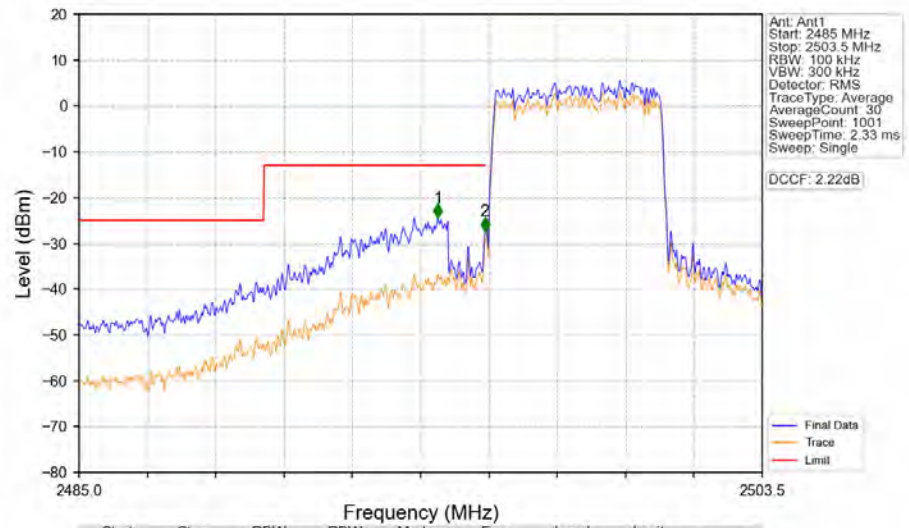
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

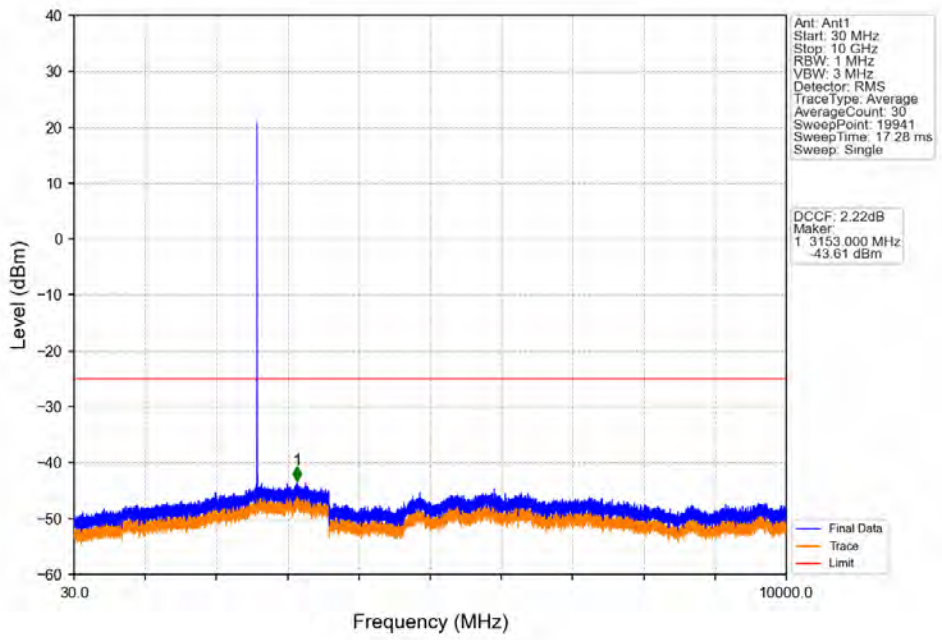


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

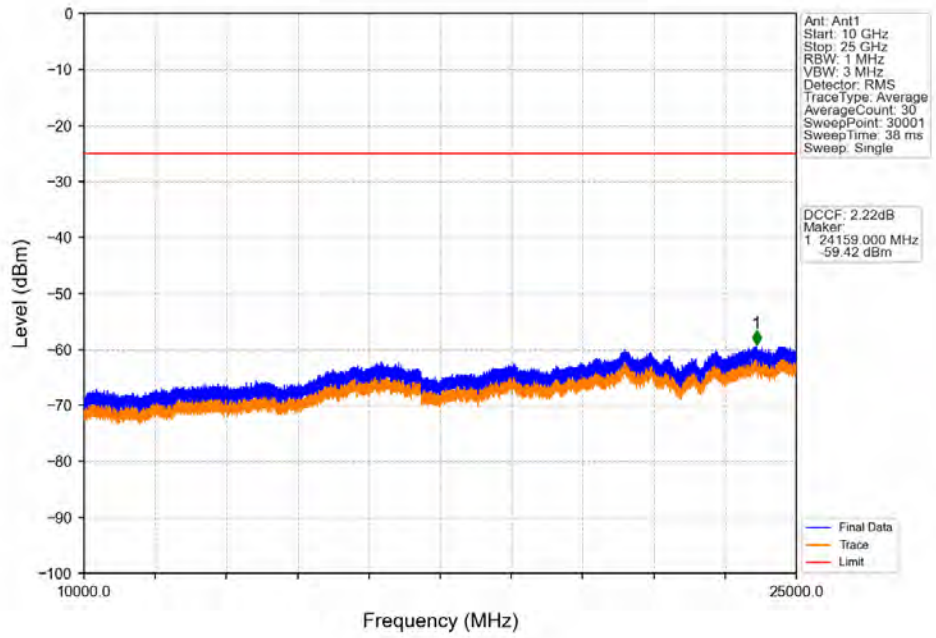


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	10	1	2494.713	-24.42	-13	Pass
2495	2496	0.1	0	2	2495.989	-27.38	-13	Pass
2496	2503.5	0.103	0.13	/	/	/	/	/

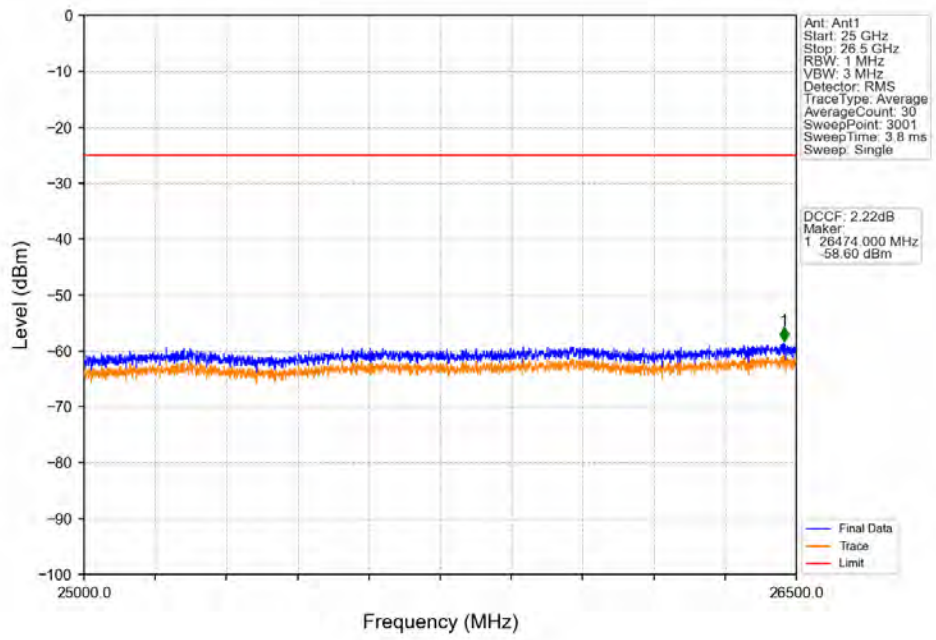
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



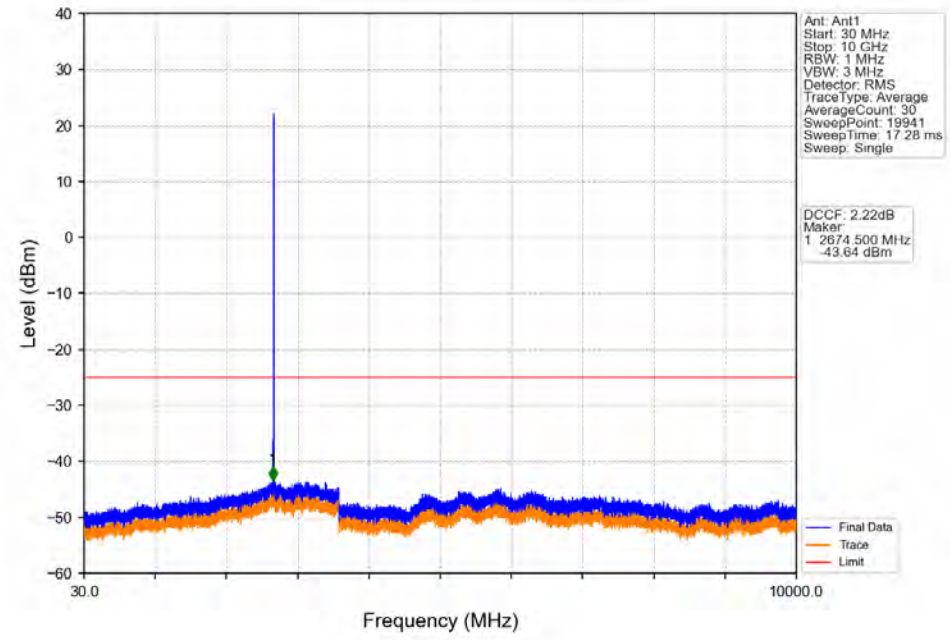
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



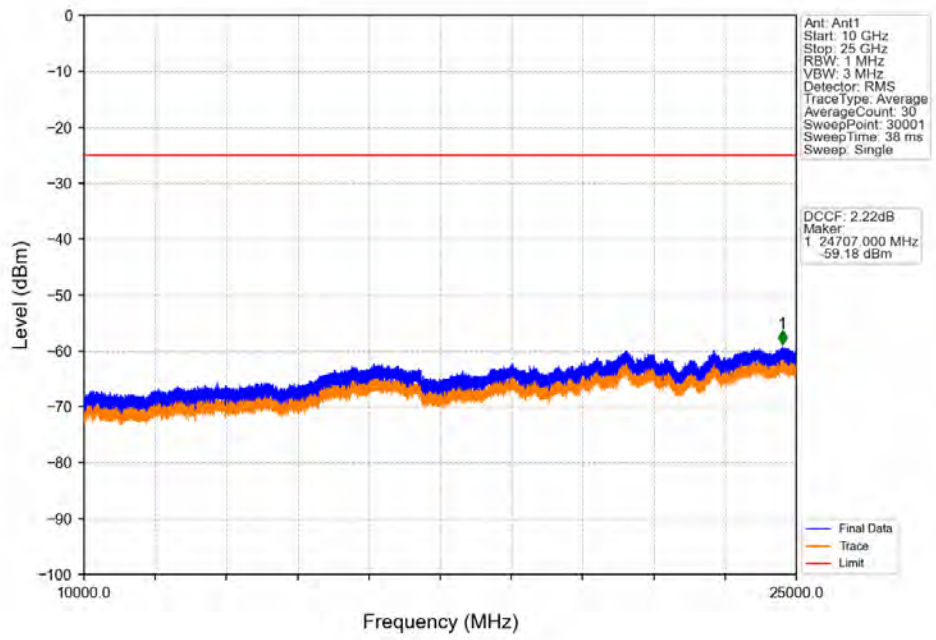
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



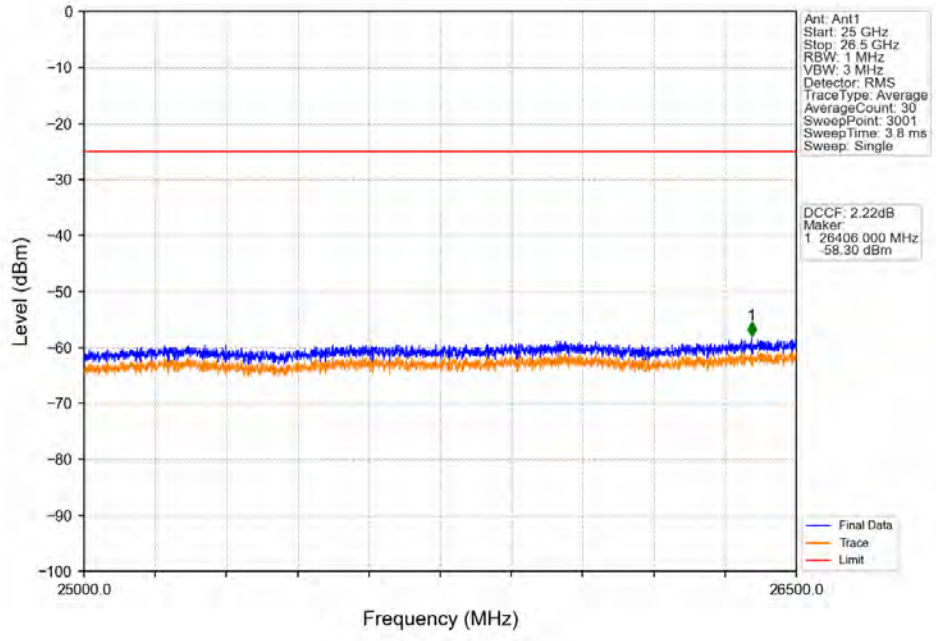
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



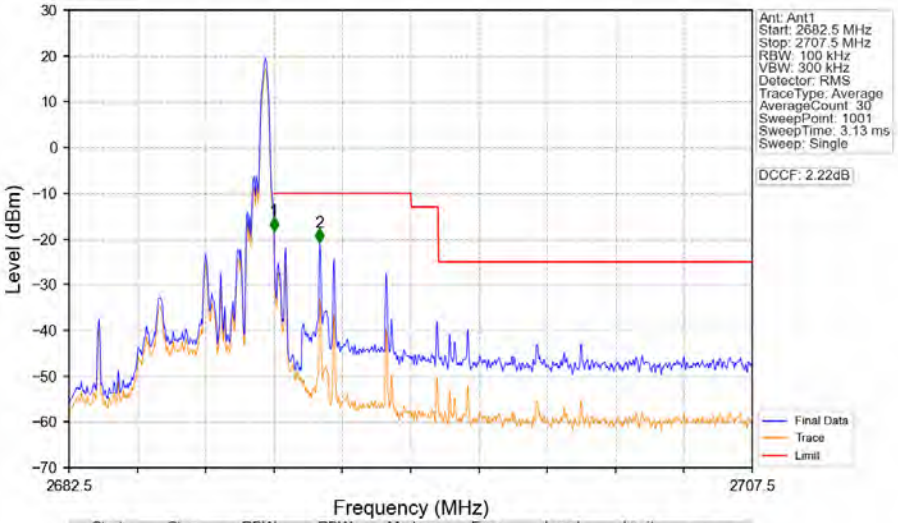
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV

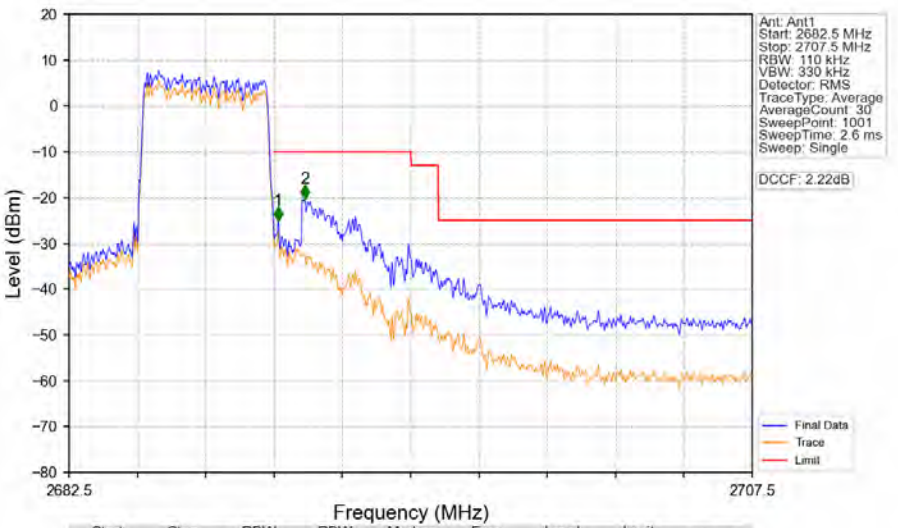


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	0	/	/	/	/	/
2690	2691	0.1	0	1	2690.000	-18.27	-10	Pass
2691	2707.5	1	10	2	2691.675	-20.80	-10	Pass

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	0	/	/	/	/	/
2690	2691	0.11	0	1	2690.150	-25.09	-10	Pass
2691	2707.5	1	9.59	2	2691.125	-20.31	-10	Pass

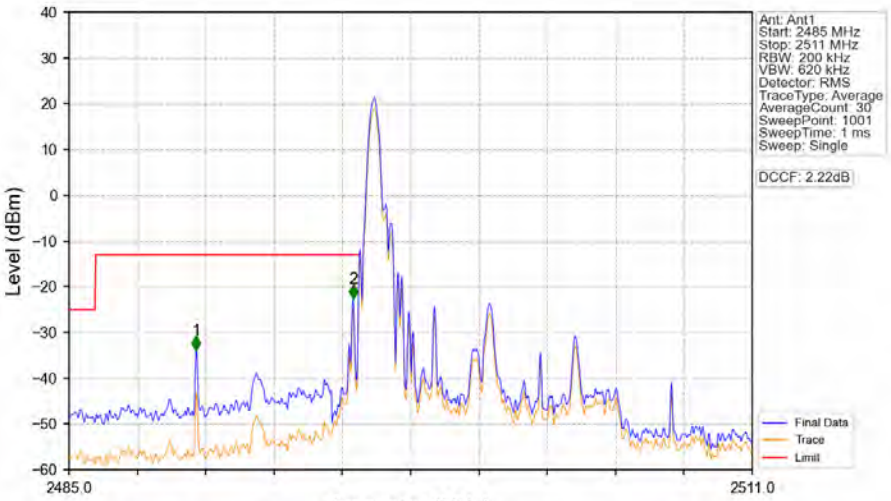
6.2 B41_10MHz

6.2.1 Test Result

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

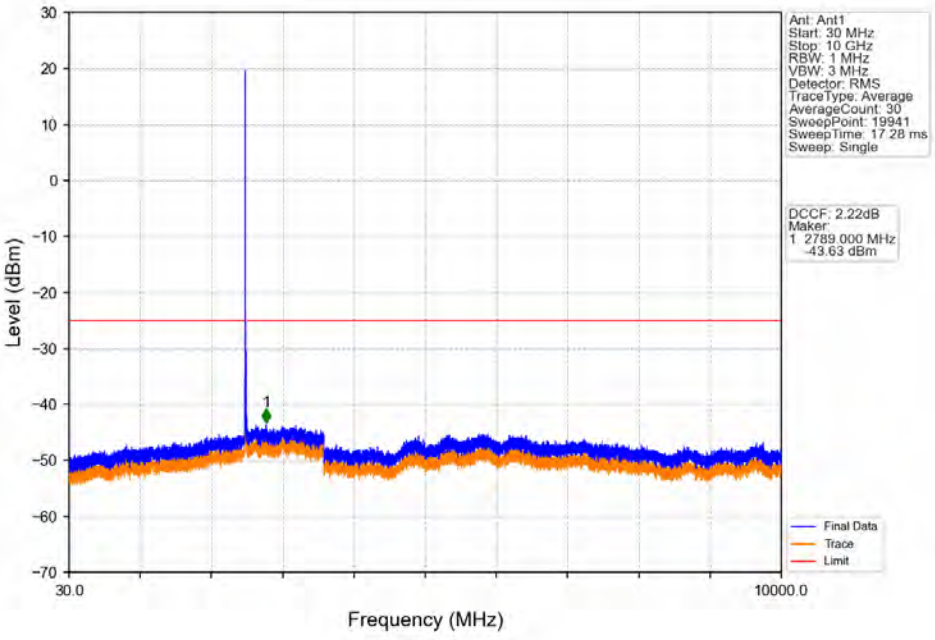
6.2.2 Test Graph

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

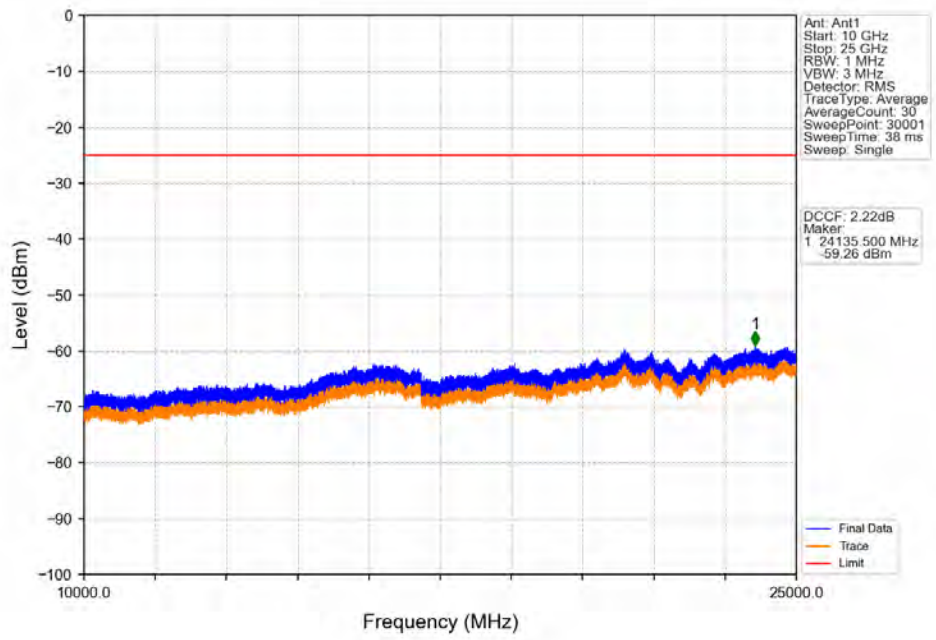


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	6.99	1	2489.836	-33.91	-13	Pass
2495	2496	0.2	0	2	2495.816	-22.61	-13	Pass
2496	2511	0.2	0	/	/	/	/	/

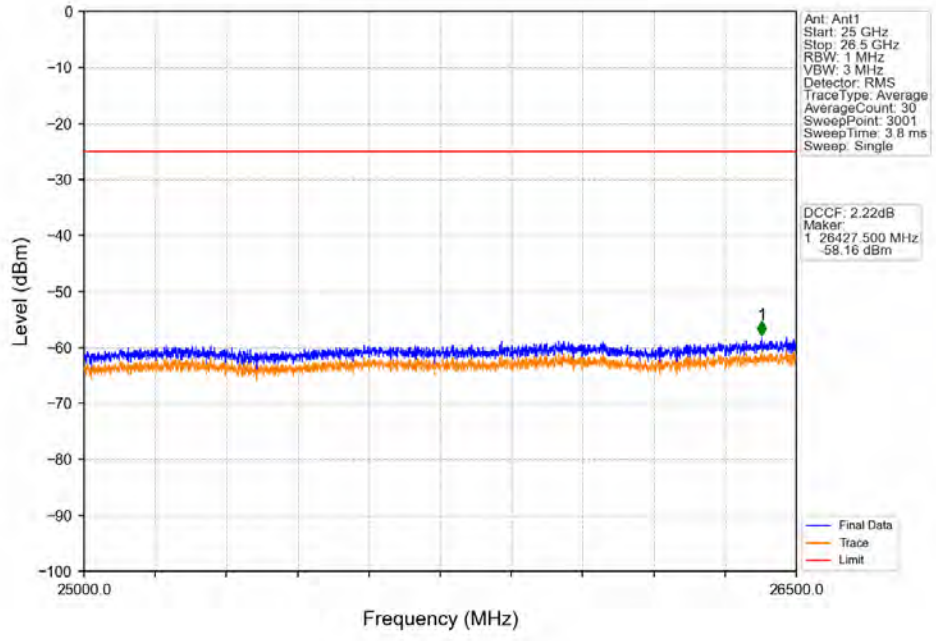
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



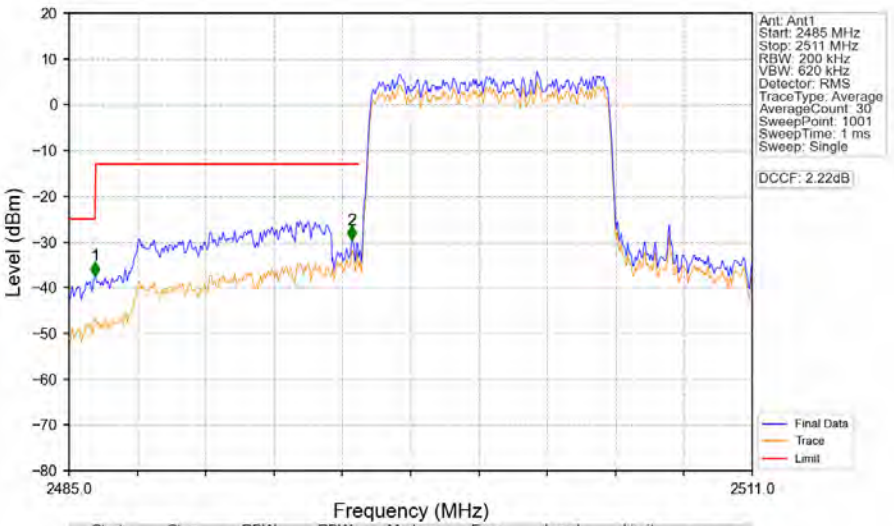
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

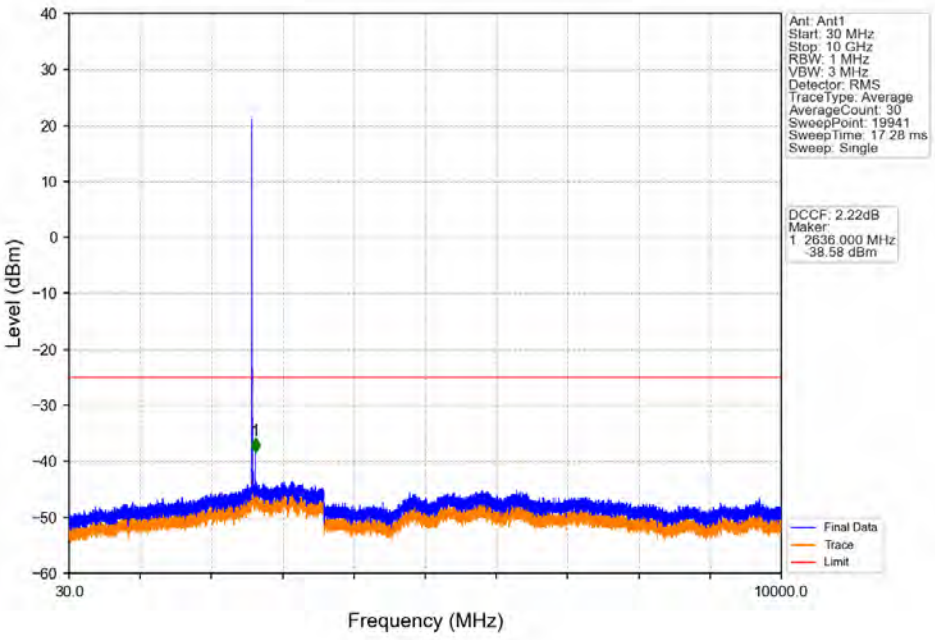


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

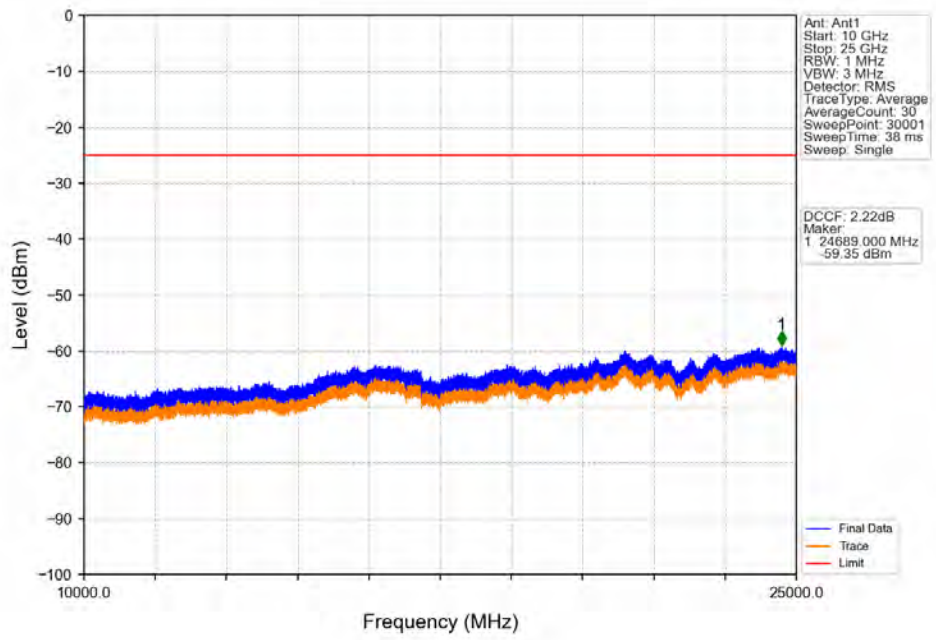


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	6.99	1	2485.988	-37.41	-25	Pass
2495	2496	0.2	0	2	2495.764	-29.57	-13	Pass
2496	2511	0.203	0.06	/	/	/	/	/

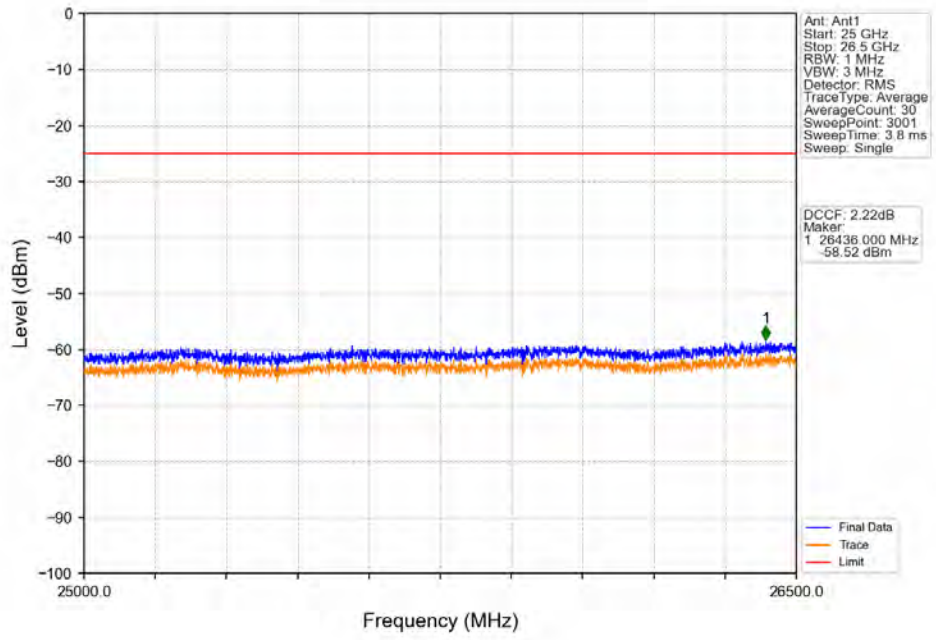
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



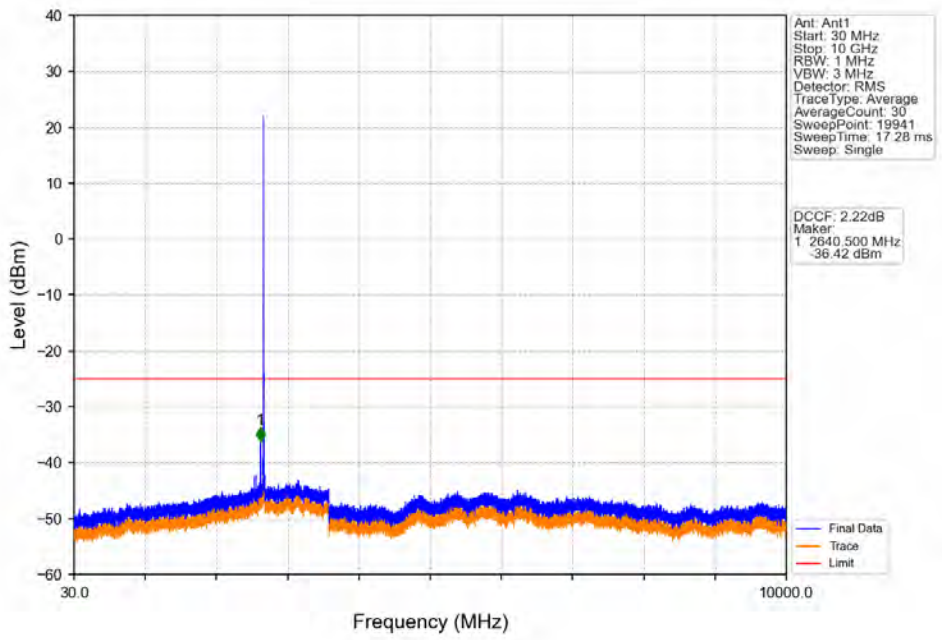
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



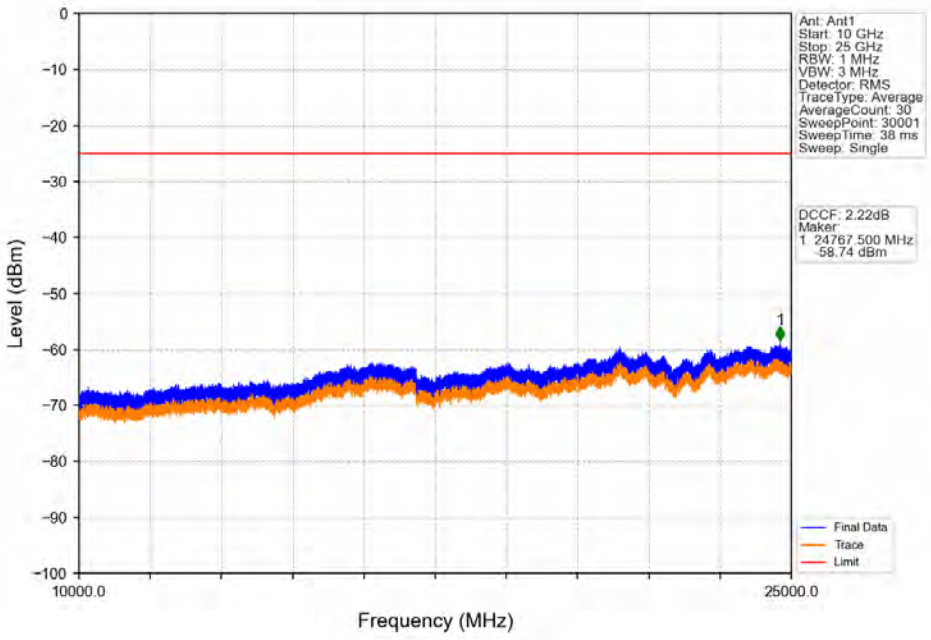
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



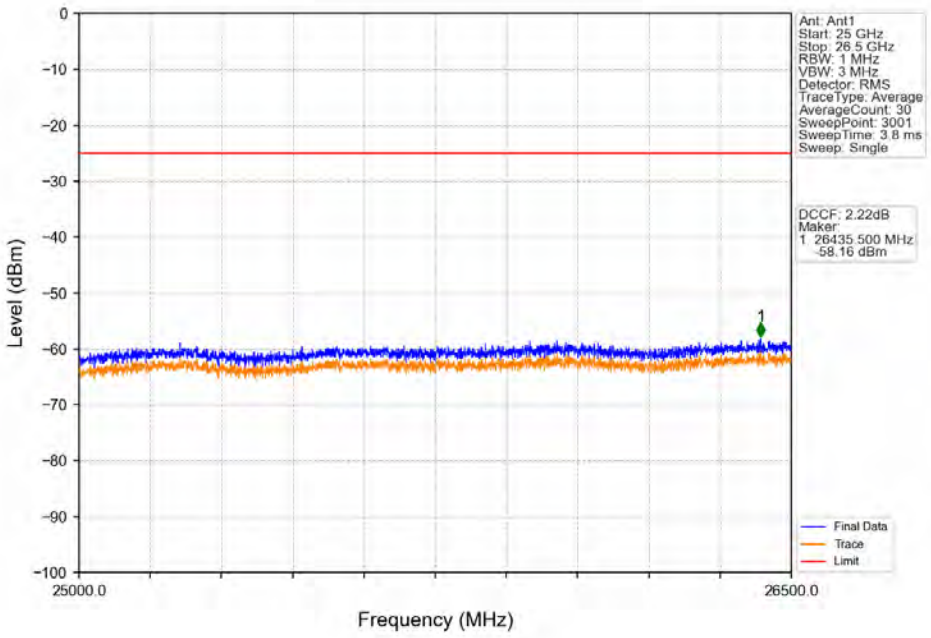
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



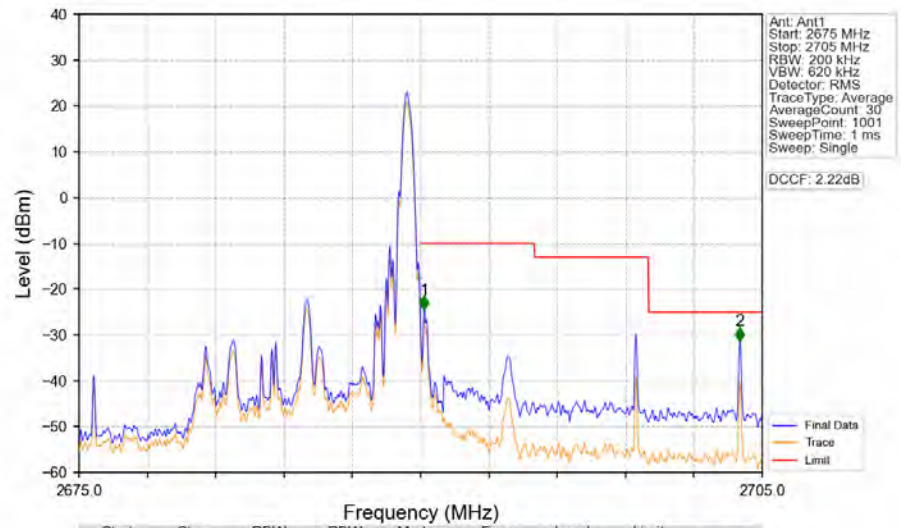
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

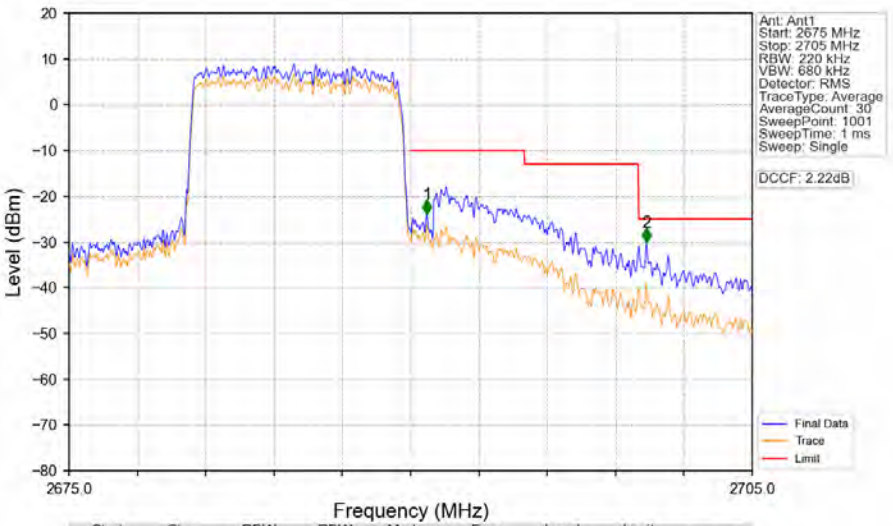


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



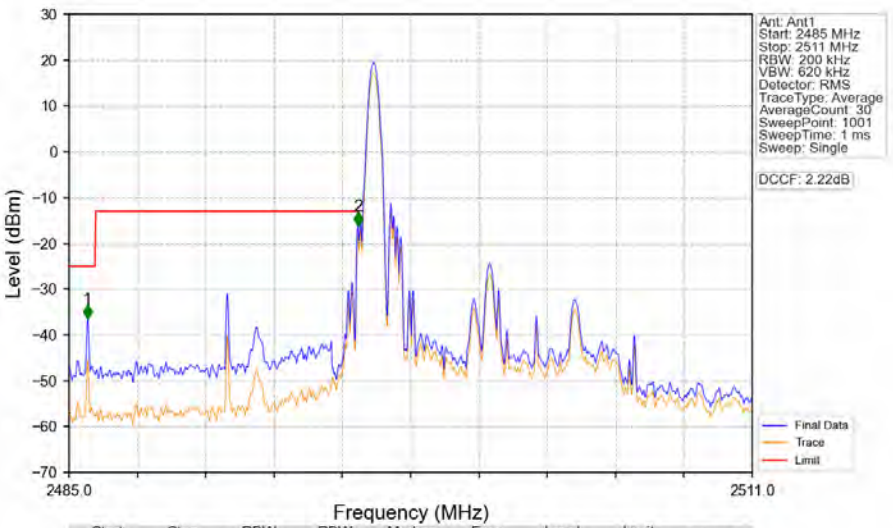
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	0	/	/	/	/	/
2690	2691	0.2	0	1	2690.150	-24.53	-10	Pass
2691	2705	1	6.99	2	2704.010	-31.35	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



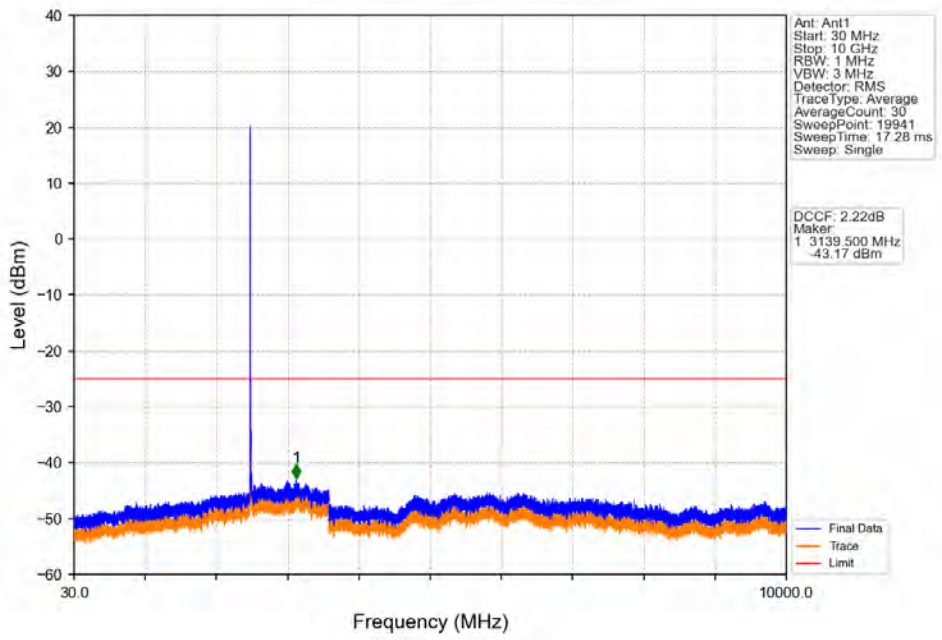
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	0	/	/	/	/	/
2690	2691	0.22	0	1	2690.720	-23.96	-10	Pass
2691	2705	1	6.58	2	2700.350	-30.16	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

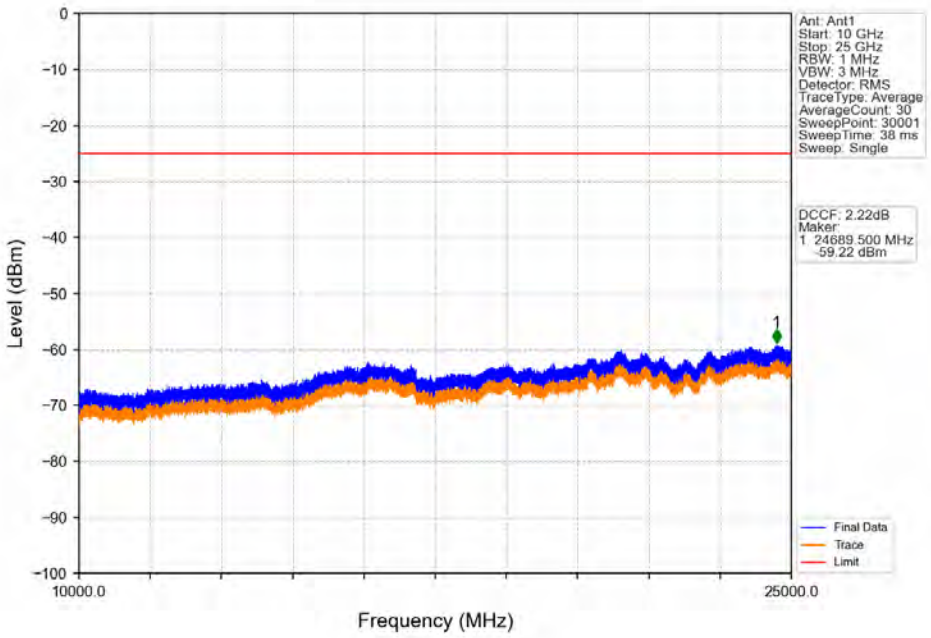


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	6.99	1	2485.702	-36.44	-25	Pass
2495	2496	0.2	0	2	2495.998	-16.21	-13	Pass
2496	2511	0.2	0	/	/	/	/	/

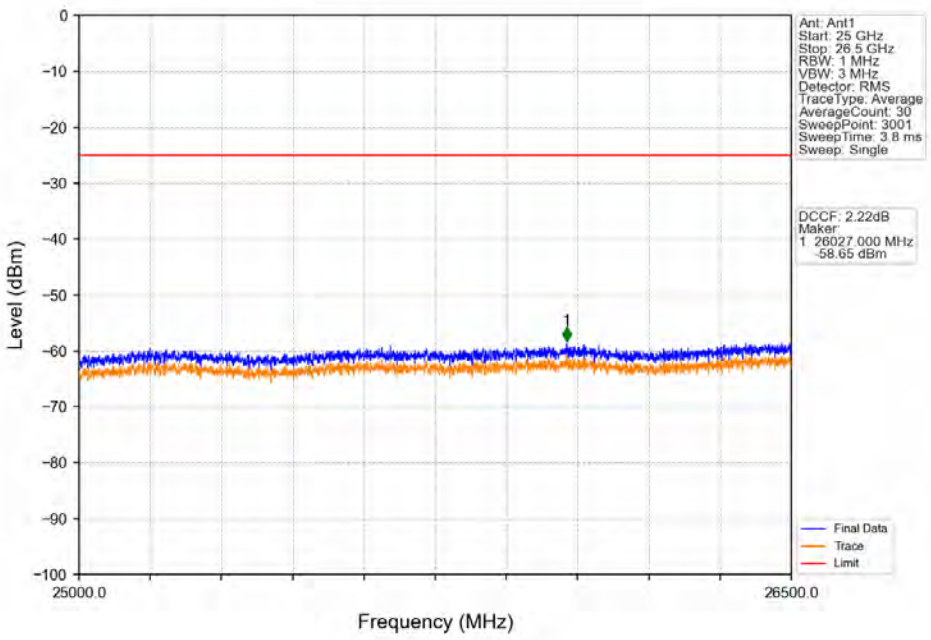
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



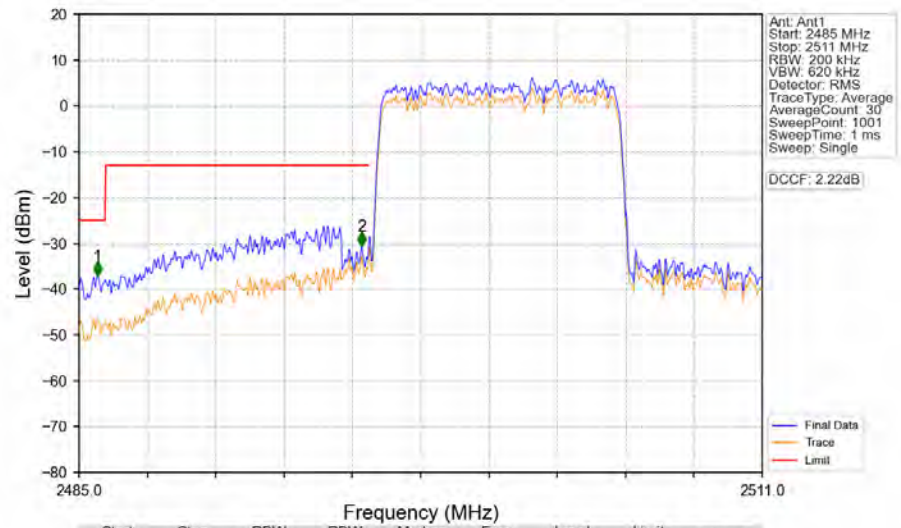
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

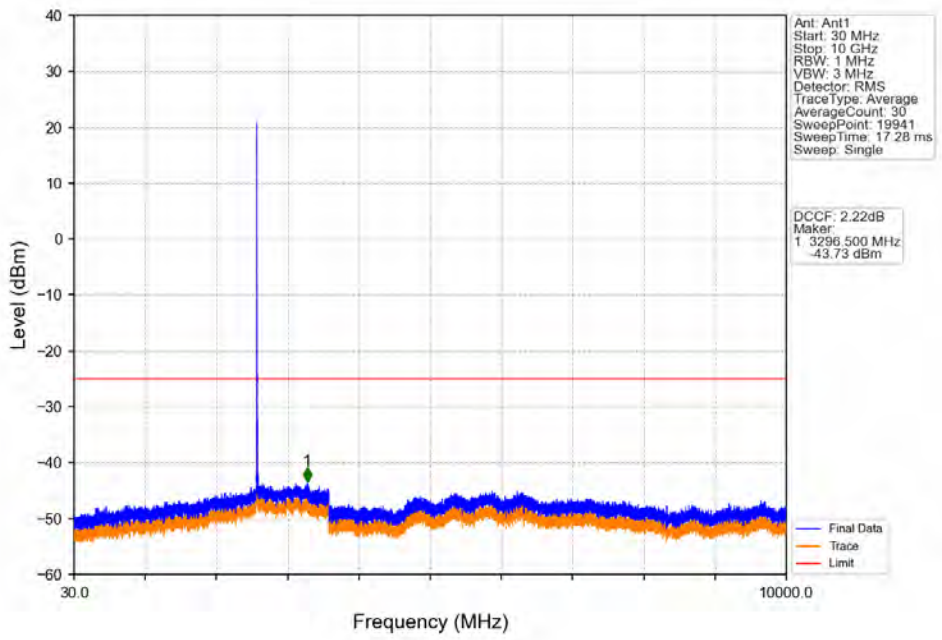


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

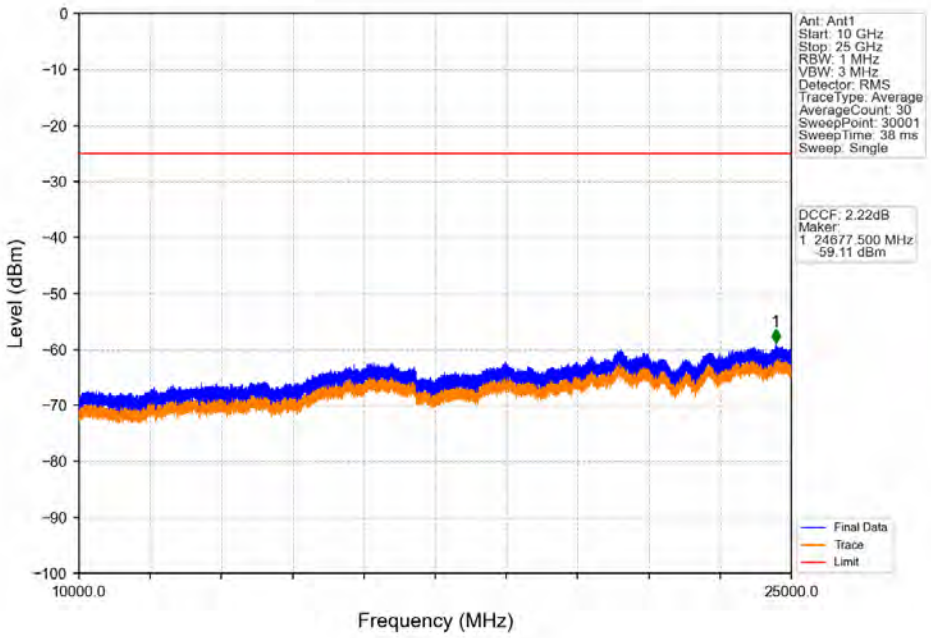


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	6.99	1	2485.702	-37.21	-25	Pass
2495	2496	0.2	0	2	2495.764	-30.60	-13	Pass
2496	2511	0.203	0.06	/	/	/	/	/

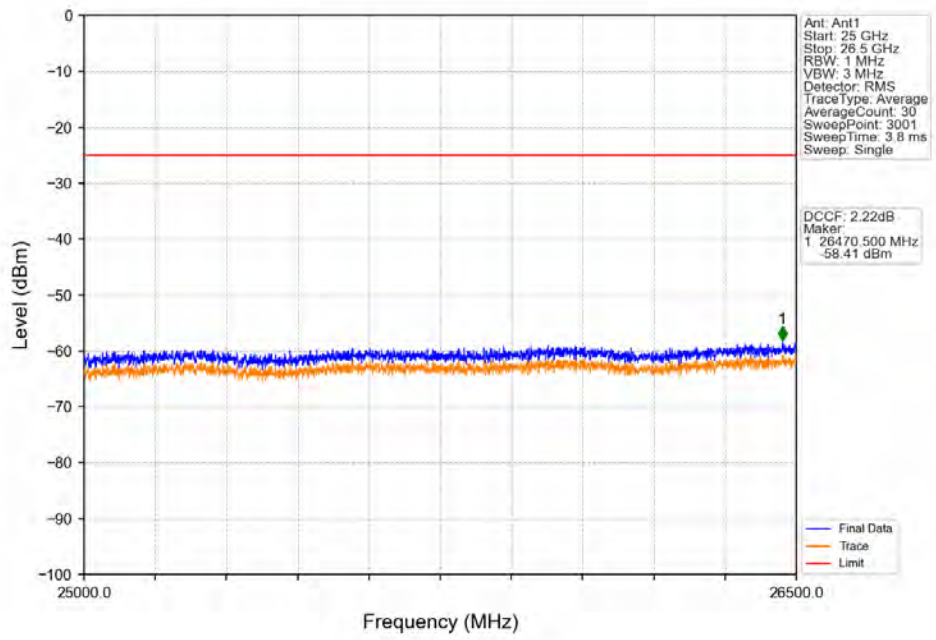
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



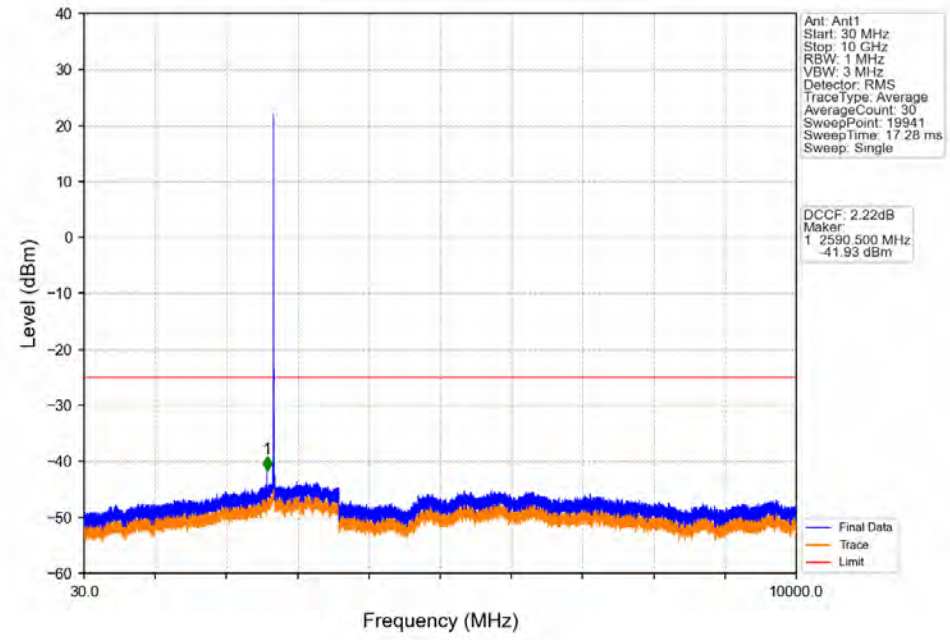
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



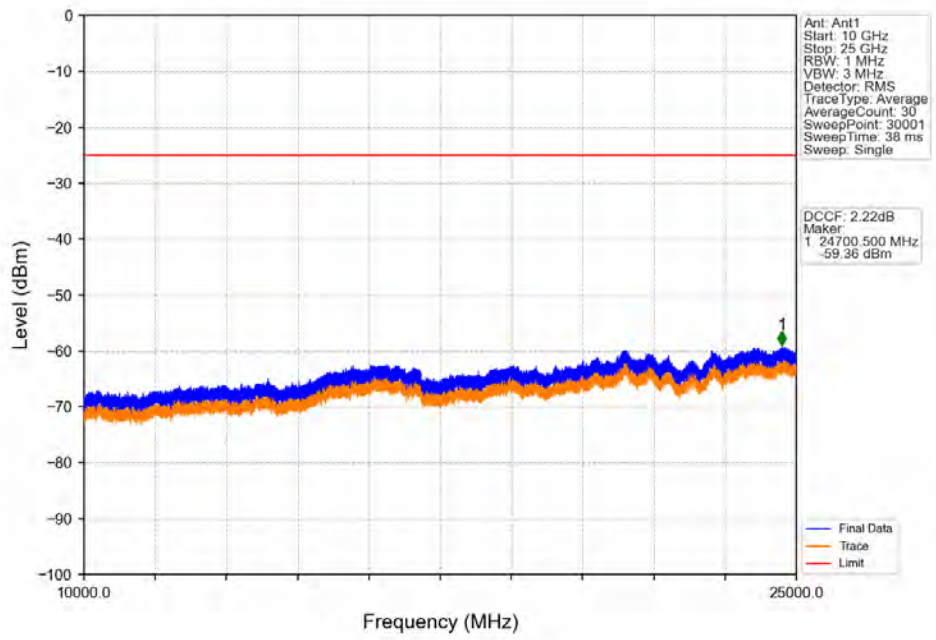
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



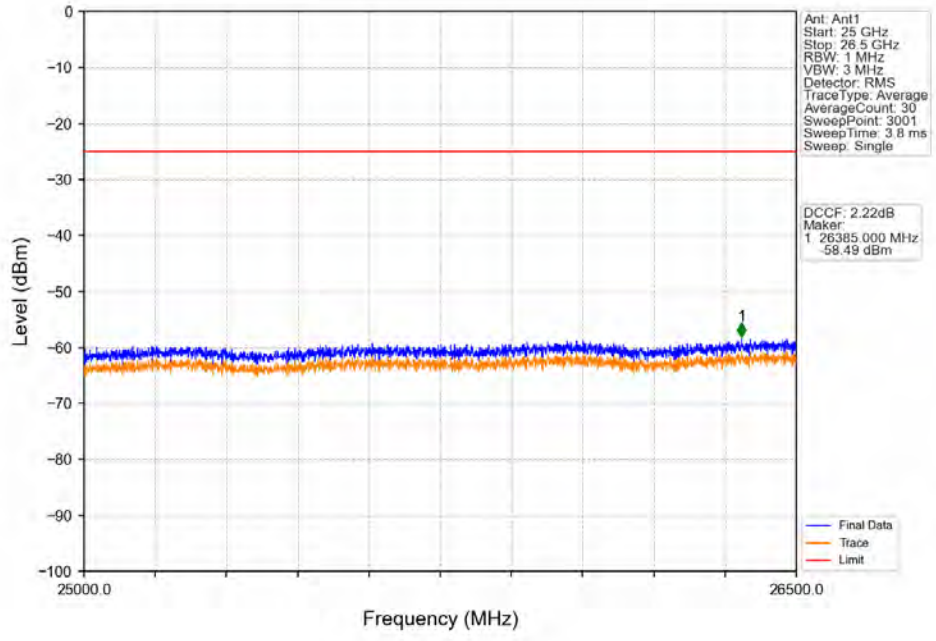
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



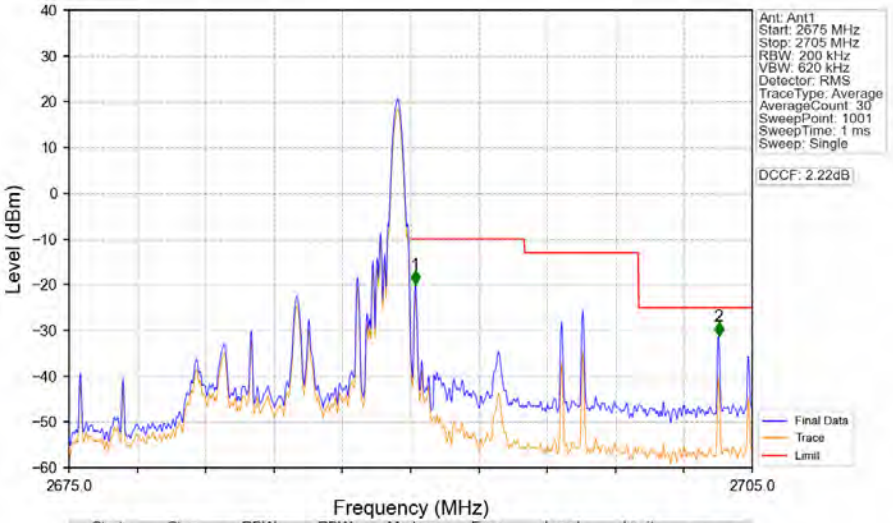
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV

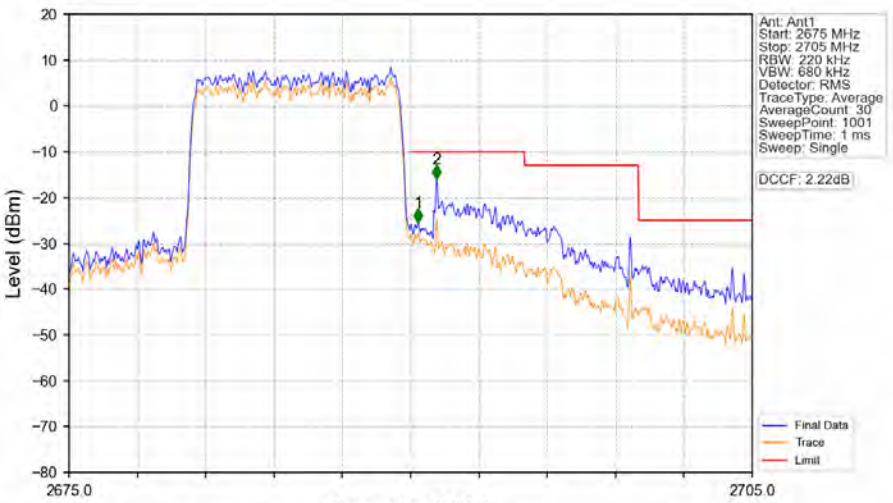


Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	0	/	/	/	/	/
2690	2691	0.2	0	1	2690.210	-19.91	-10	Pass
2691	2705	1	6.99	2	2703.530	-31.23	-25	Pass

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	0	/	/	/	/	/
2690	2691	0.22	0	1	2690.330	-25.55	-10	Pass
2691	2705	1	6.58	2	2691.140	-15.96	-10	Pass

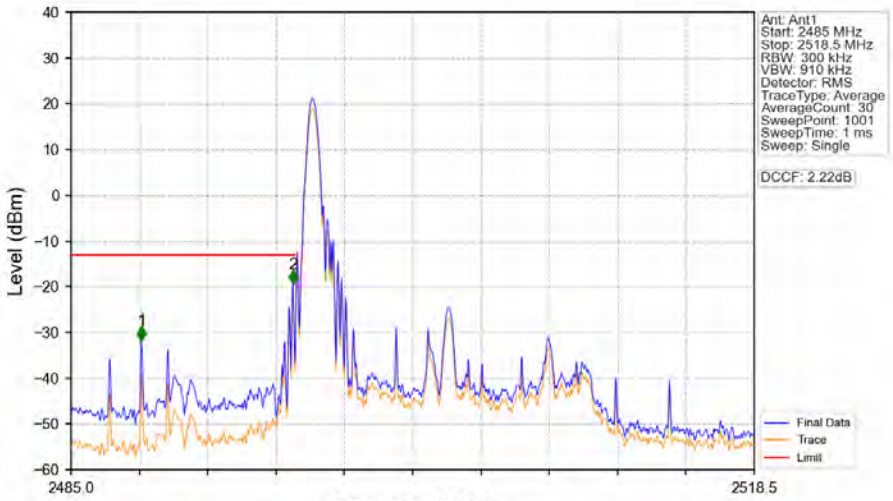
6.3 B41_15MHz

6.3.1 Test Result

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

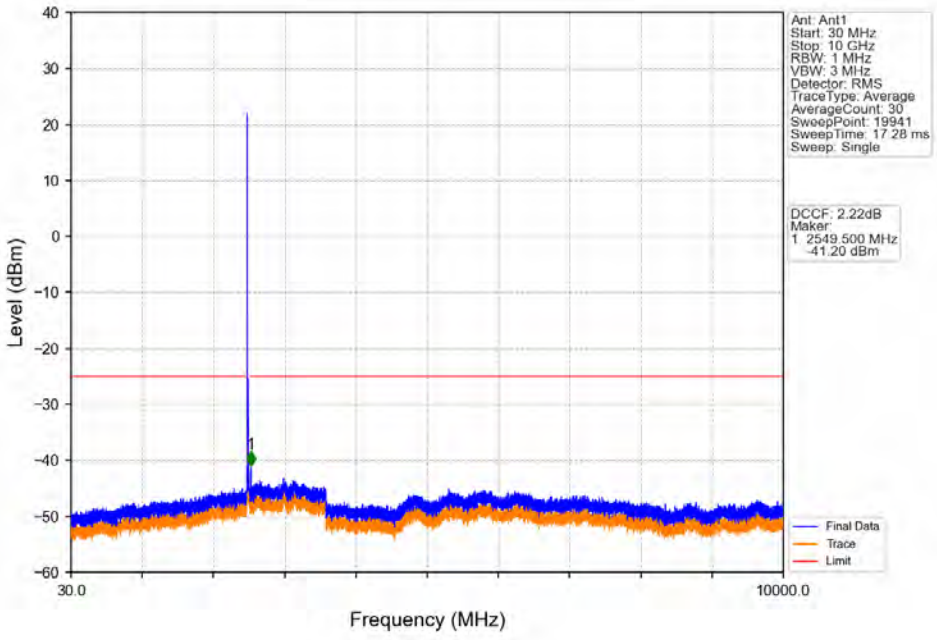
6.3.2 Test Graph

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

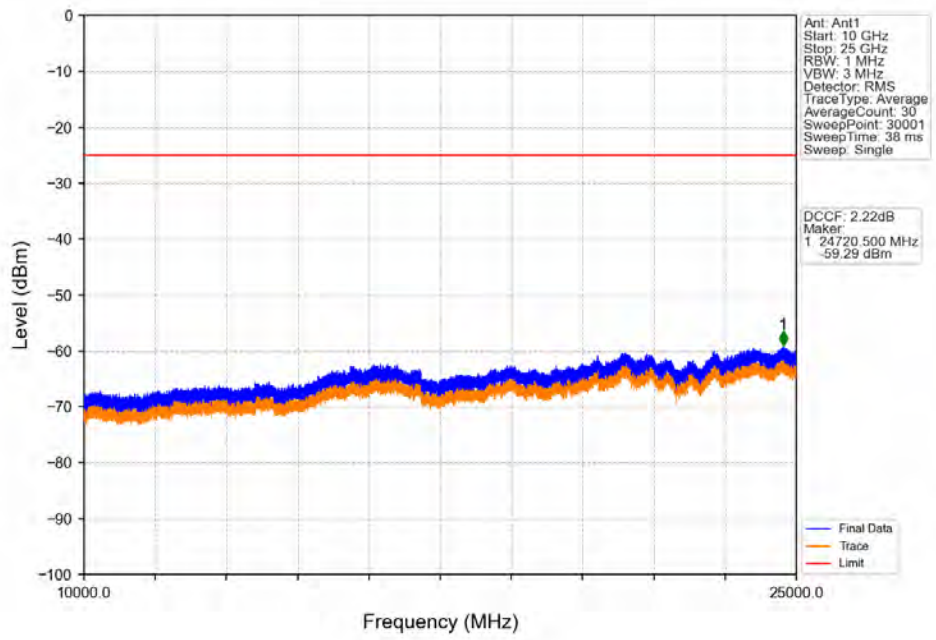


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	5.23	1	2488.450	-31.86	-13	Pass
2495	2496	0.3	0	2	2495.887	-19.45	-13	Pass
2496	2518.5	0.3	0	/	/	/	/	/

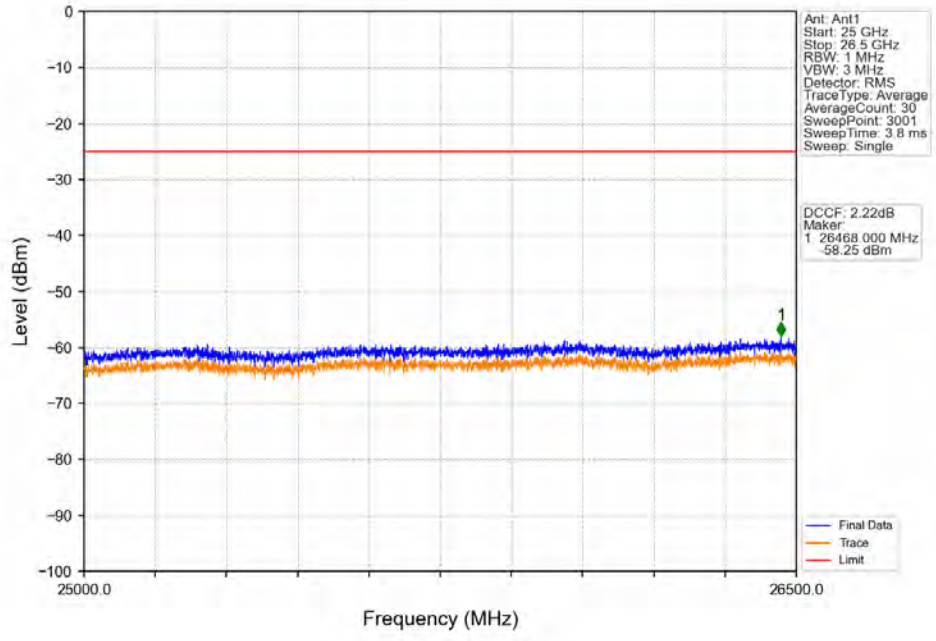
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



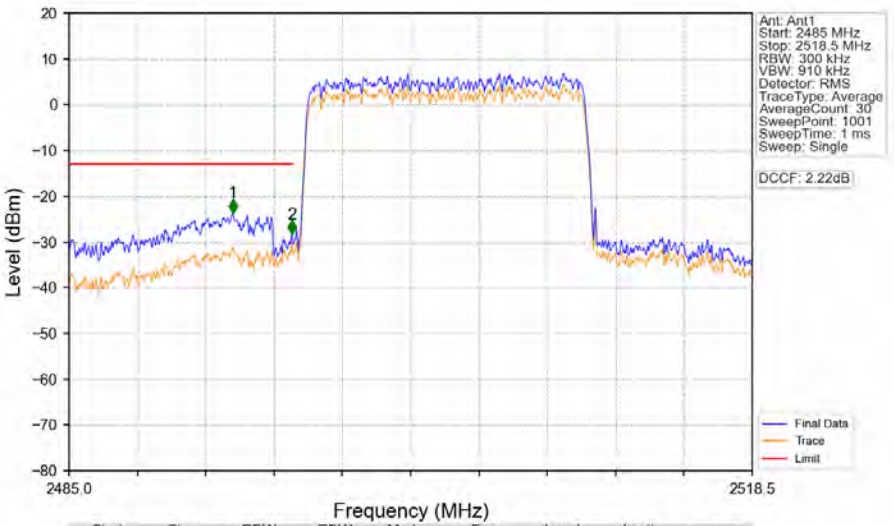
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

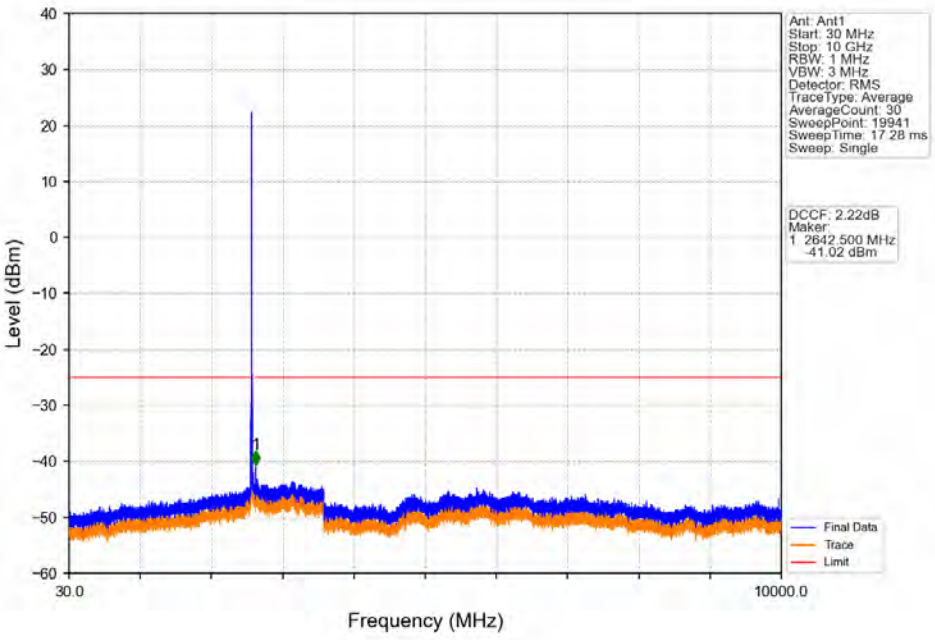


Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV

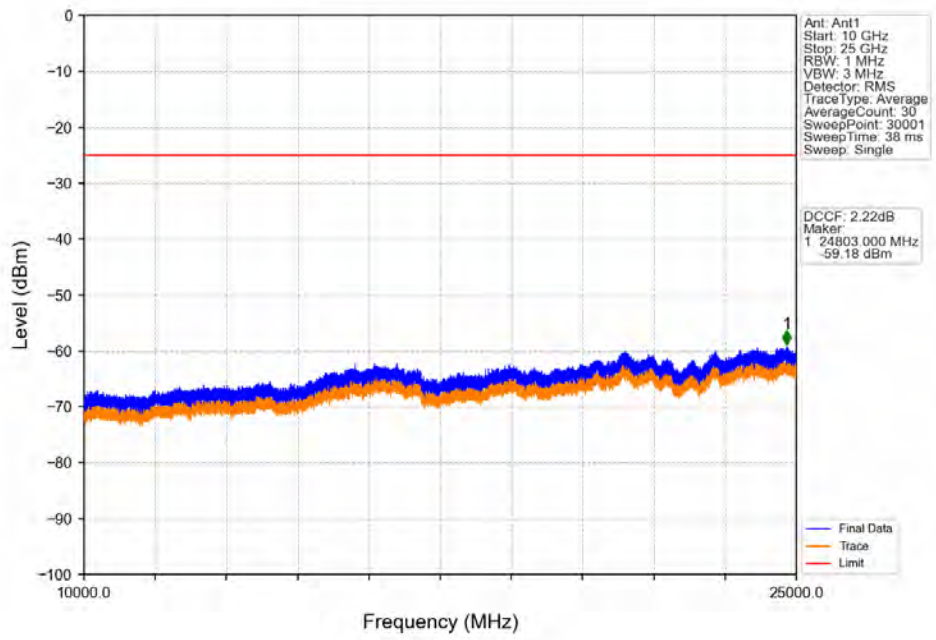


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	5.23	1	2493.040	-23.65	-13	Pass
2495	2496	0.3	0	2	2495.921	-28.34	-13	Pass
2496	2518.5	0.316	0.23	/	/	/	/	/

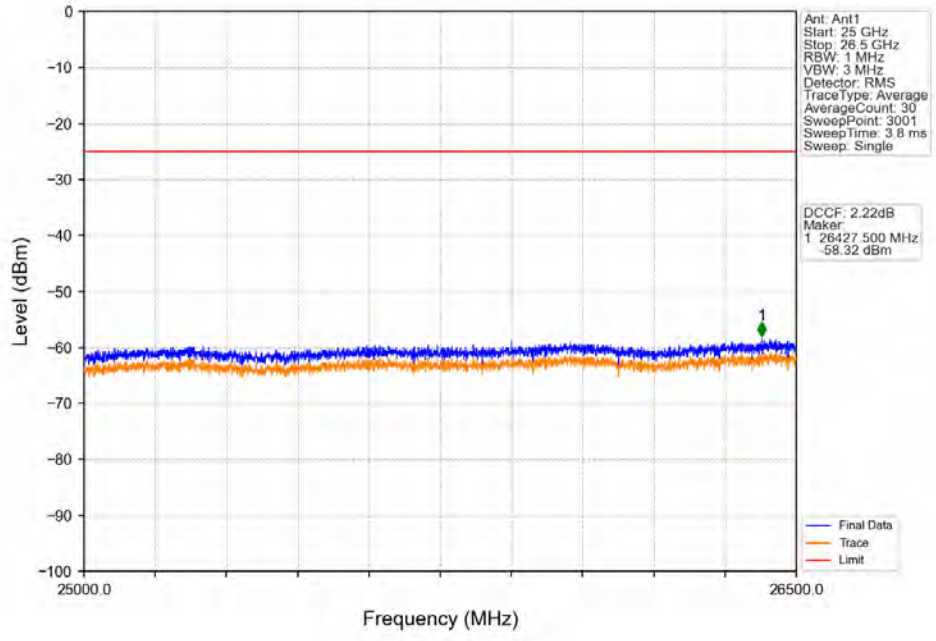
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



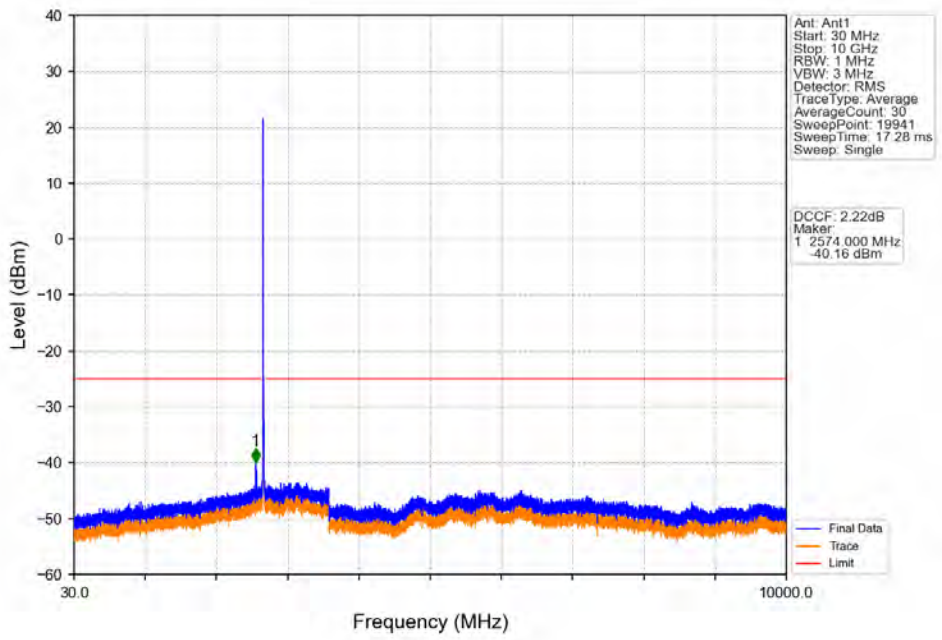
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



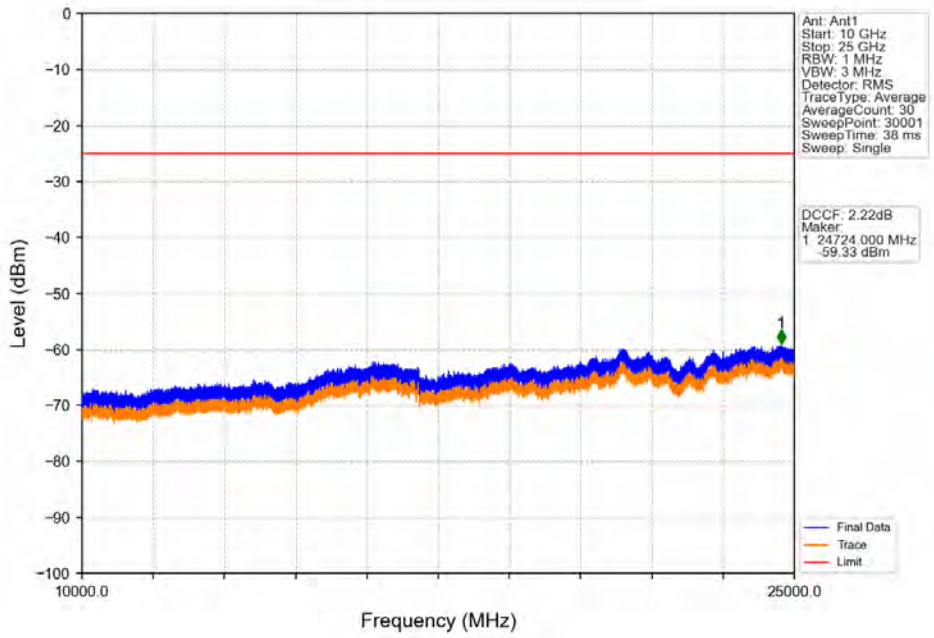
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



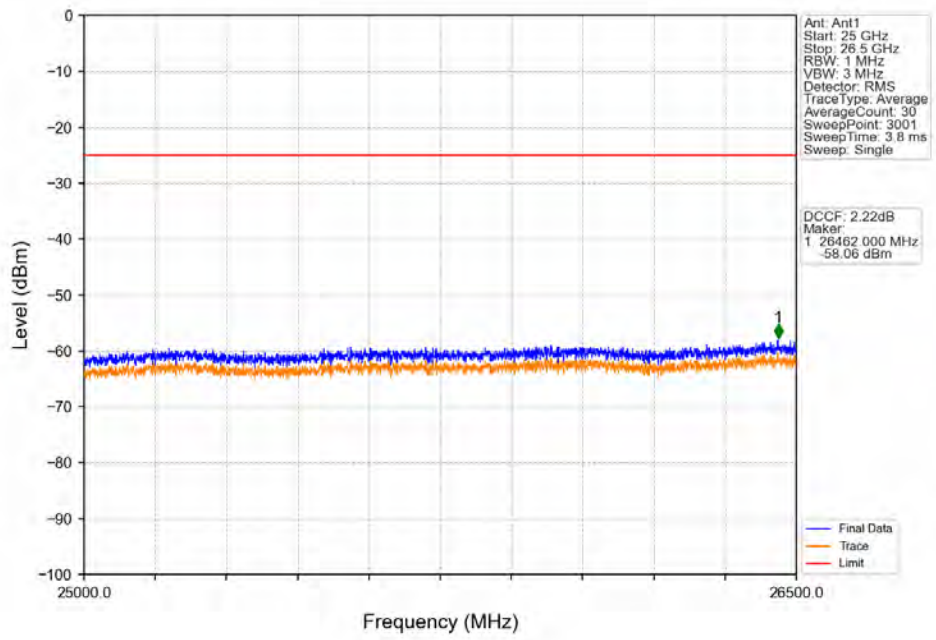
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



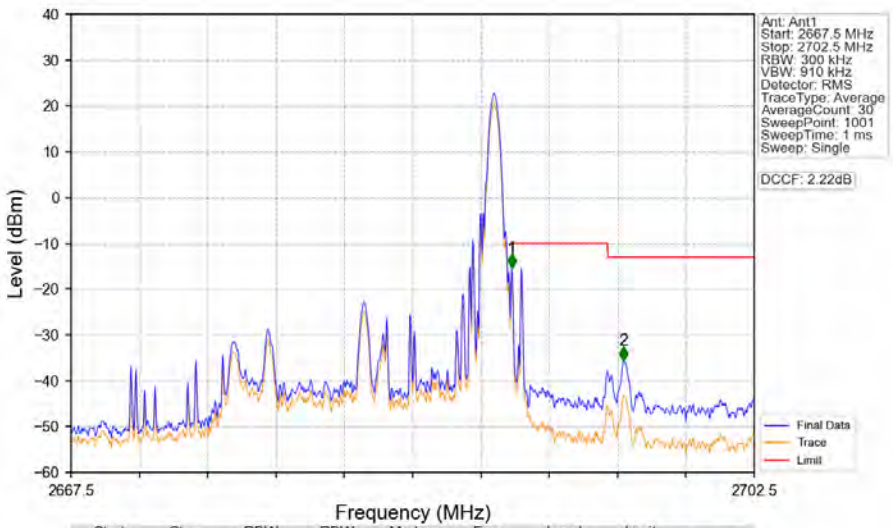
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

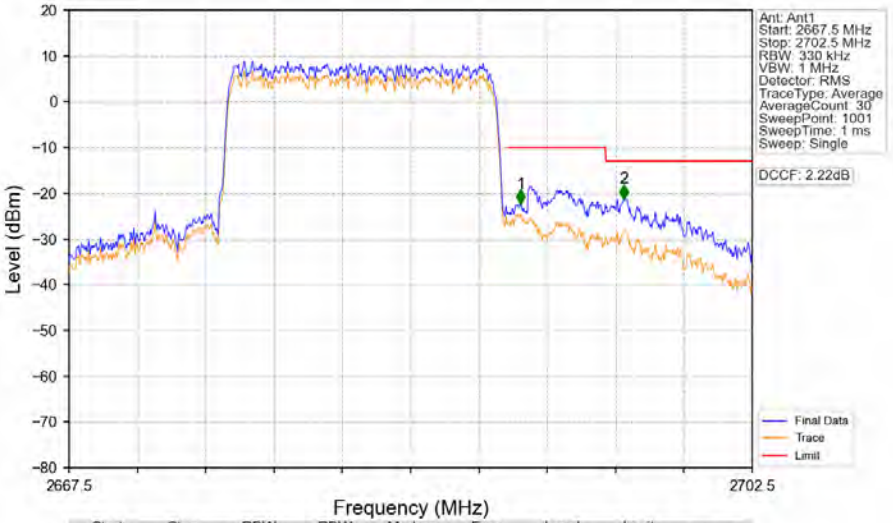


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



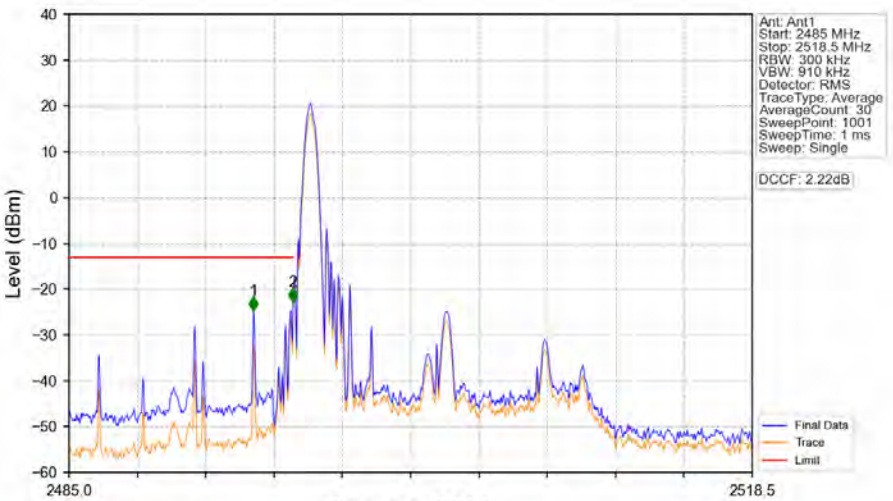
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	0	/	/	/	/	/
2690	2691	0.3	0	1	2690.075	-15.41	-10	Pass
2691	2702.5	1	5.23	2	2695.815	-35.58	-13	Pass

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



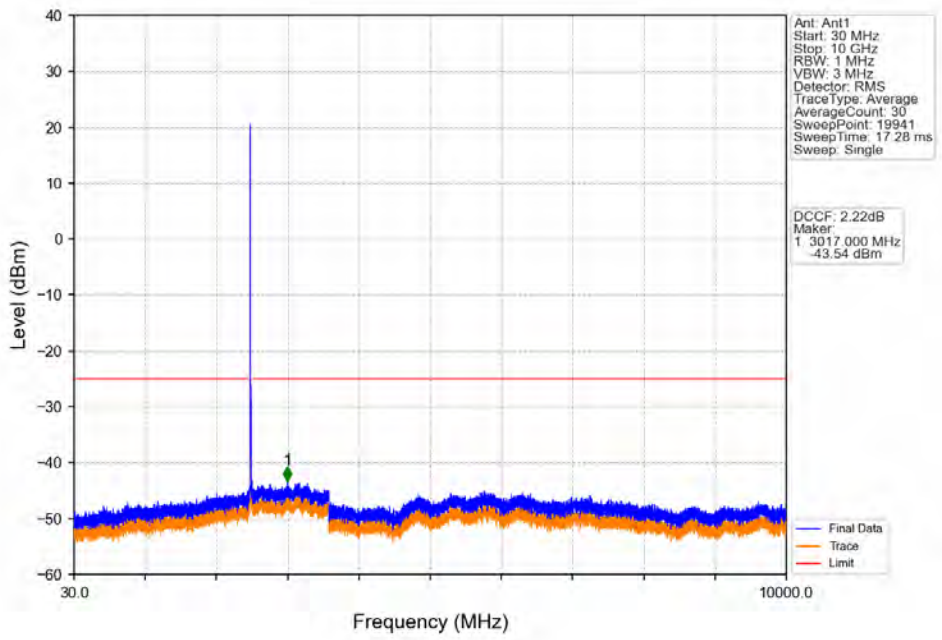
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	0	/	/	/	/	/
2690	2691	0.33	0	1	2690.635	-22.38	-10	Pass
2691	2702.5	1	4.81	2	2695.920	-21.19	-13	Pass

Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

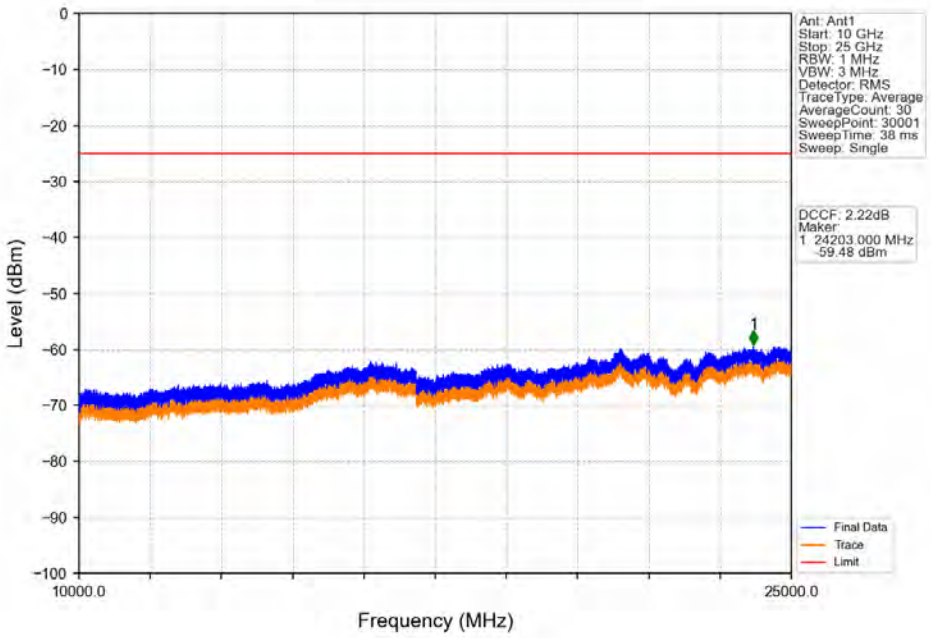


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	5.23	1	2494.045	-24.69	-13	Pass
2495	2496	0.3	0	2	2495.988	-22.80	-13	Pass
2496	2518.5	0.3	0	/	/	/	/	/

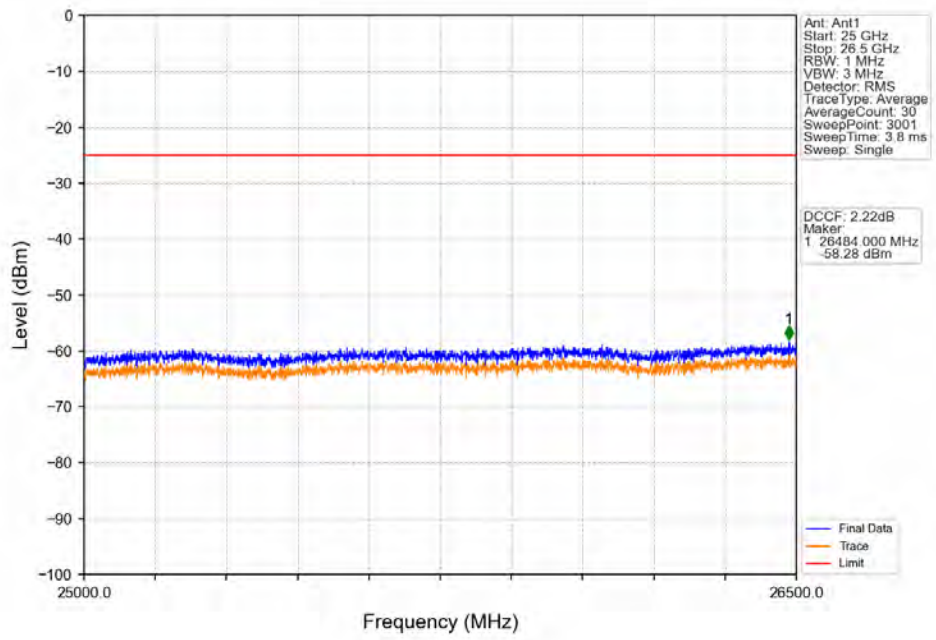
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



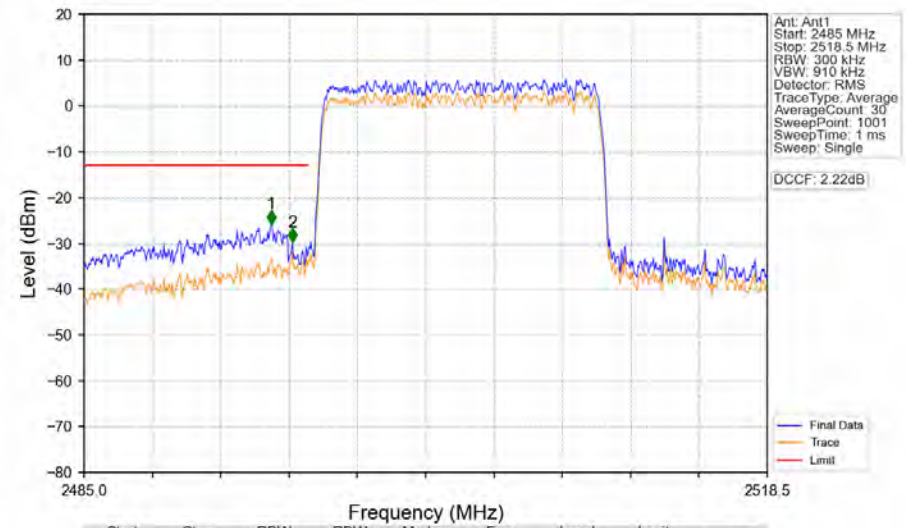
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_1_0_NTNV

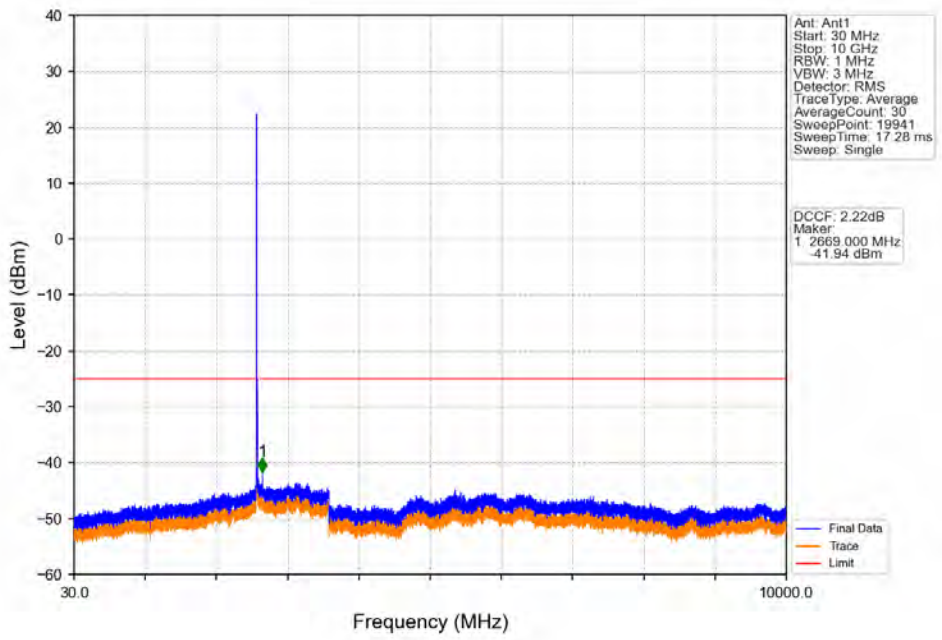


Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV

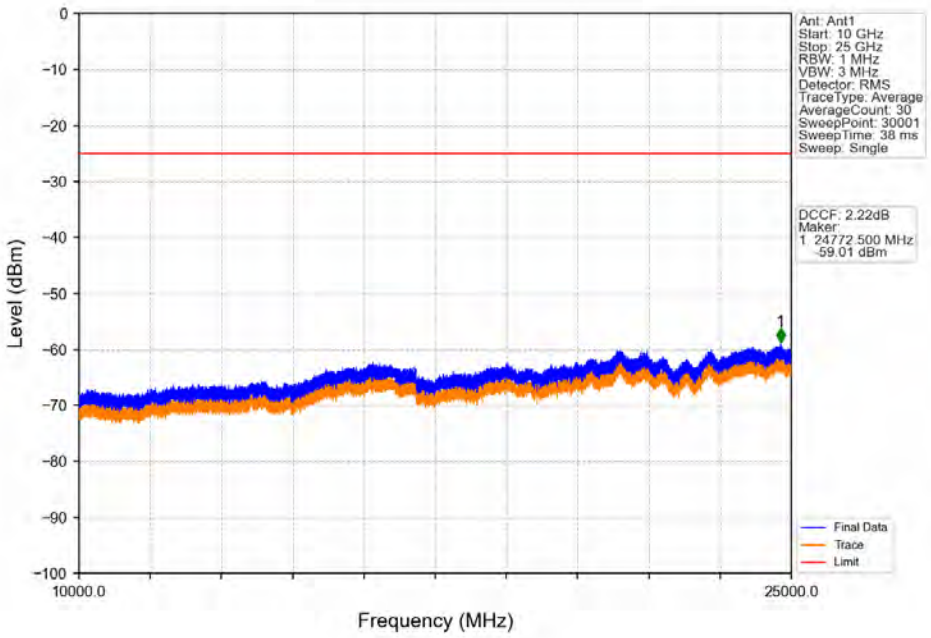


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	5.23	1	2494.179	-25.78	-13	Pass
2495	2496	0.3	0	2	2495.218	-29.75	-13	Pass
2496	2518.5	0.325	0.35	/	/	/	/	/

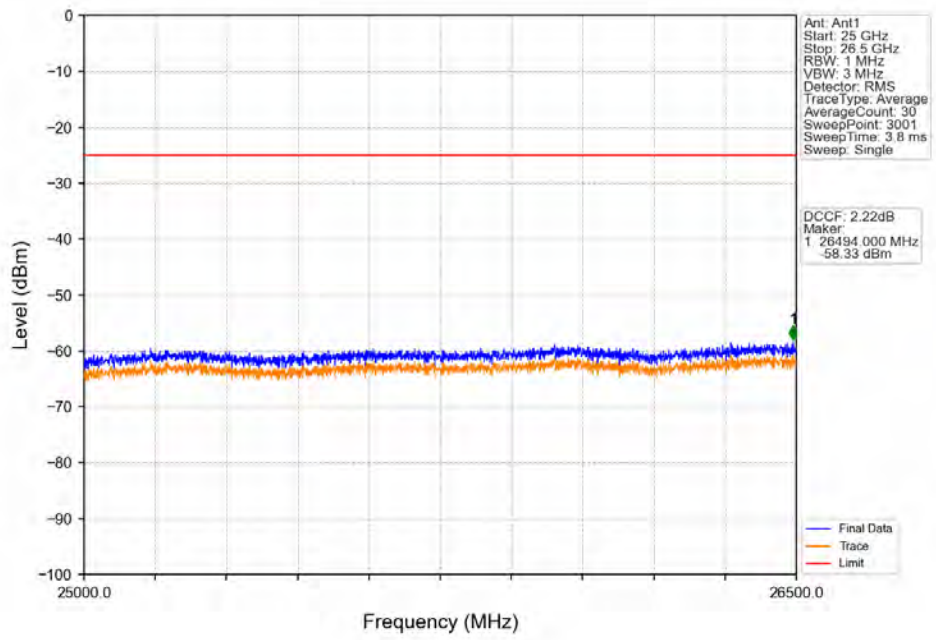
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



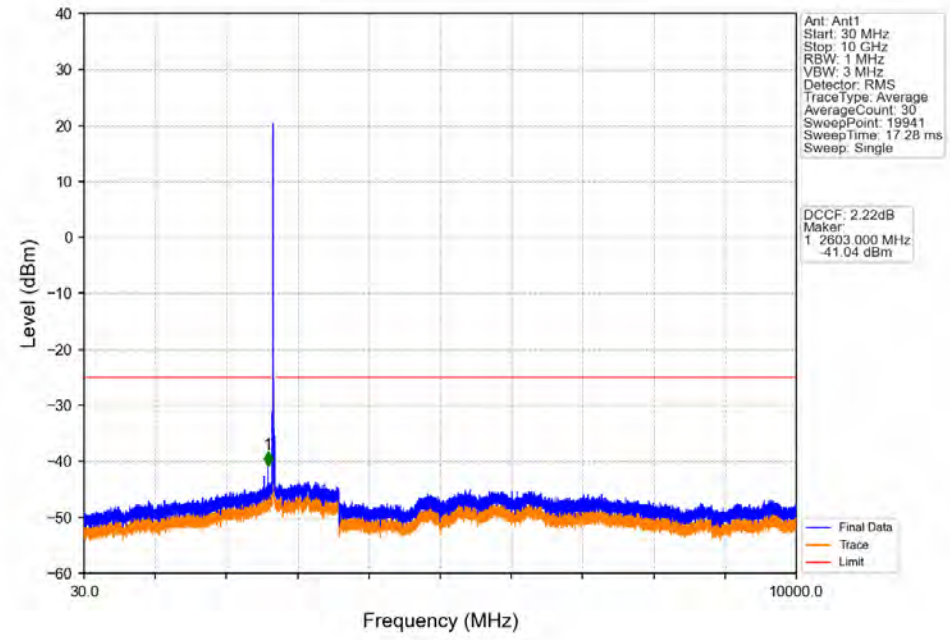
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



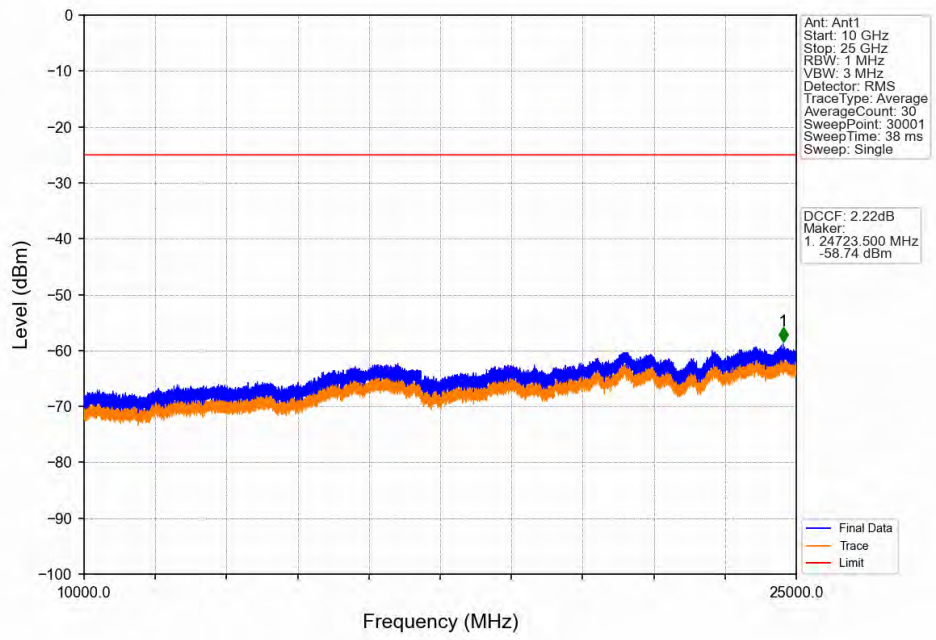
Band41_15MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



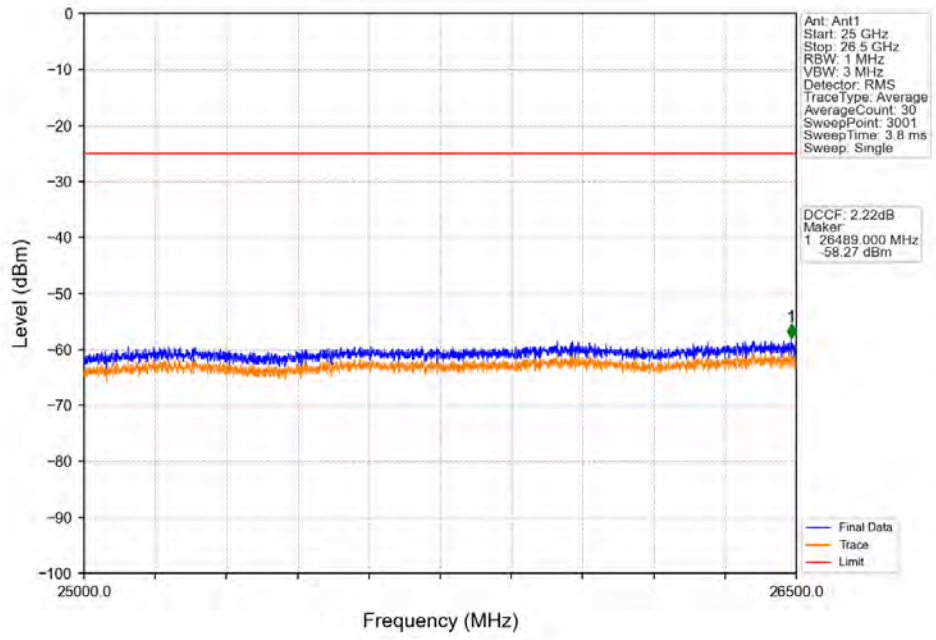
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



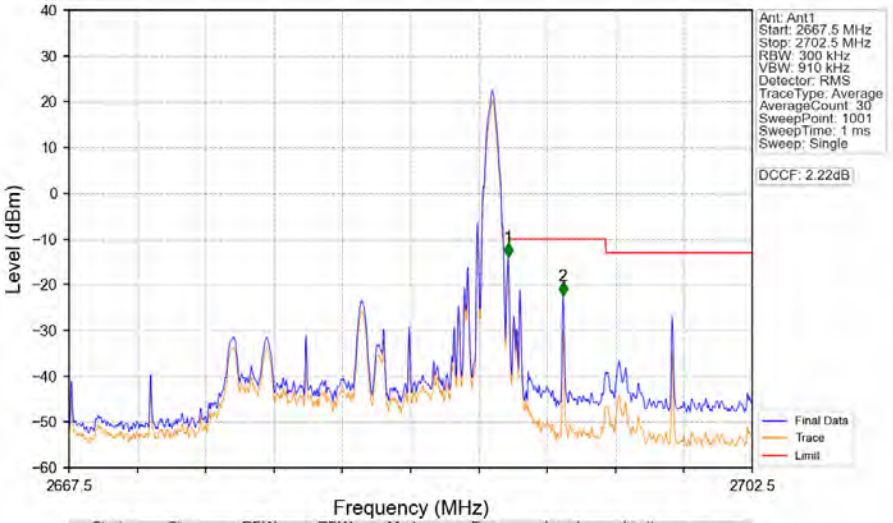
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_0_NTNV

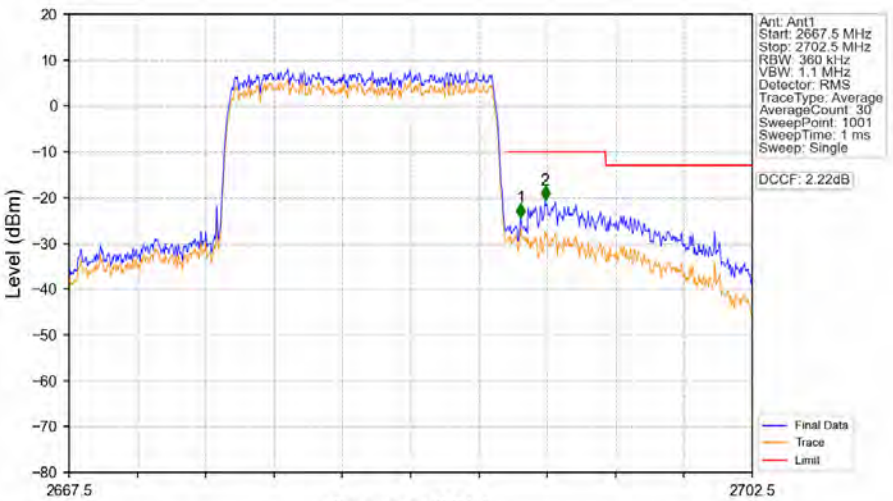


Band41_15MHz_16QAM_HCH_2682.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	0	/	/	/	/	/
2690	2691	0.3	0	1	2690.005	-13.95	-10	Pass
2691	2702.5	1	5.23	2	2692.805	-22.48	-10	Pass

Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.36	0	/	/	/	/	/
2690	2691	0.36	0	1	2690.635	-24.38	-10	Pass
2691	2702.5	1	4.44	2	2691.895	-20.63	-10	Pass

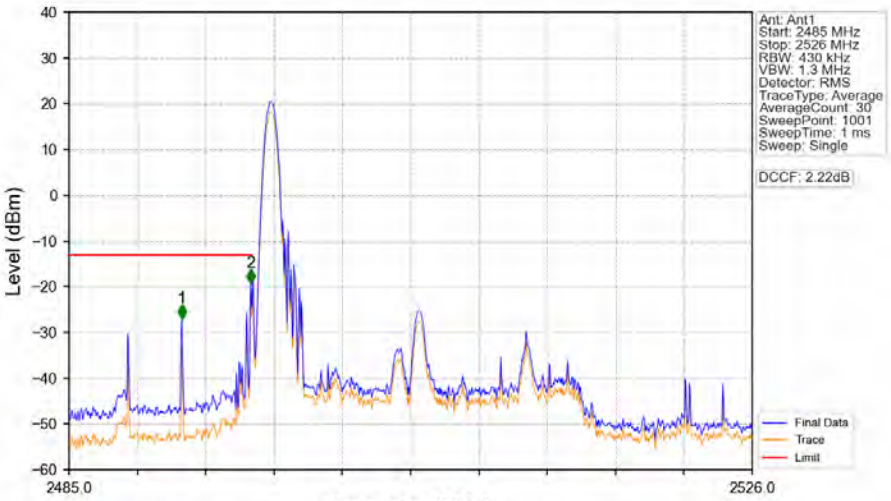
6.4 B41_20MHz

6.4.1 Test Result

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

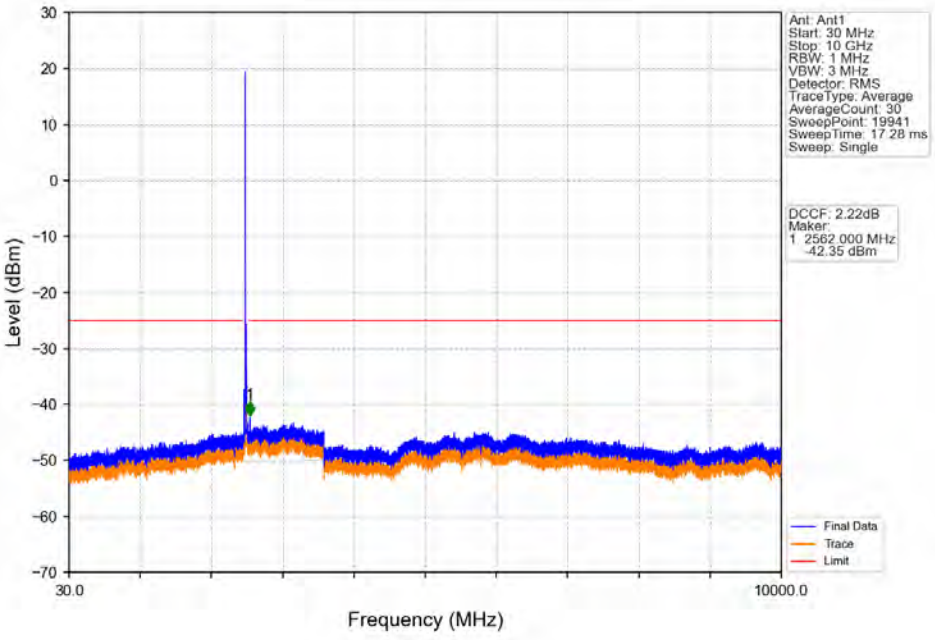
6.4.2 Test Graph

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

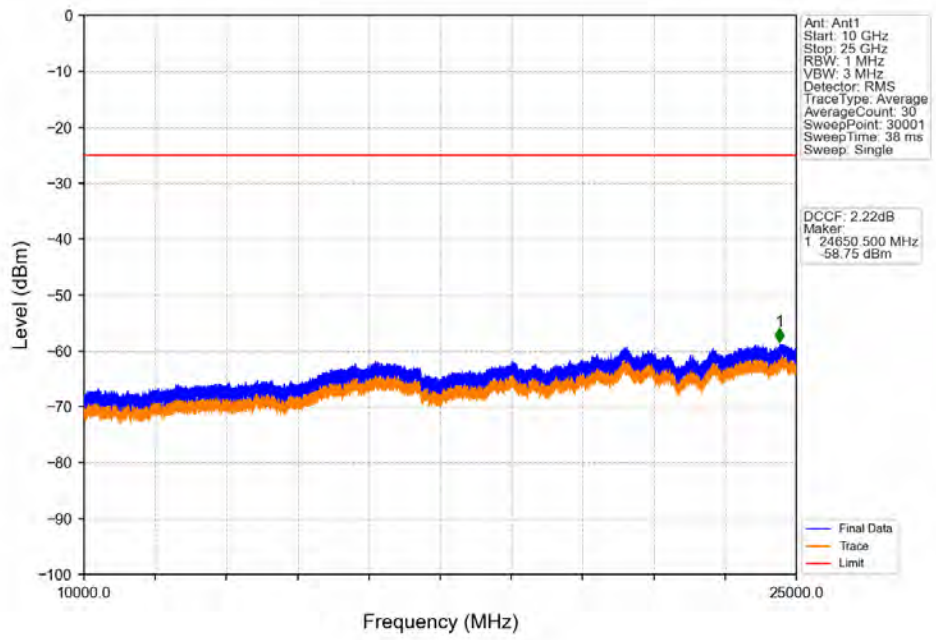


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	3.67	1	2491.765	-26.95	-13	Pass
2495	2496	0.43	0	2	2495.906	-19.18	-13	Pass
2496	2526	0.43	0	/	/	/	/	/

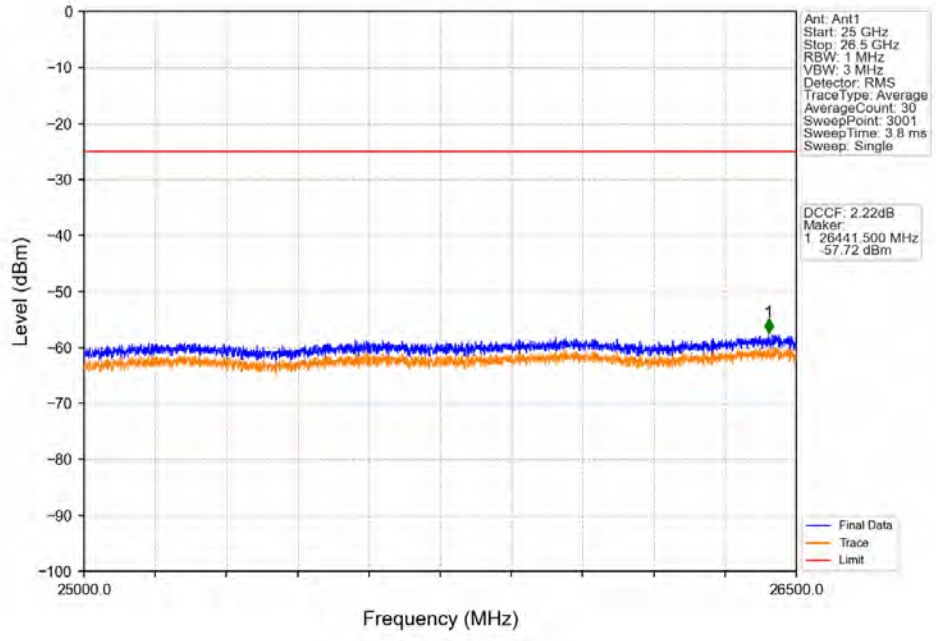
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



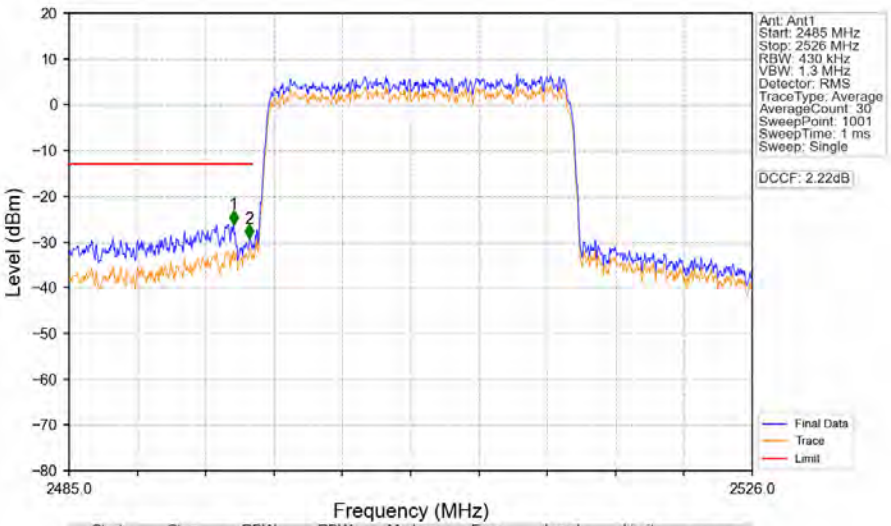
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

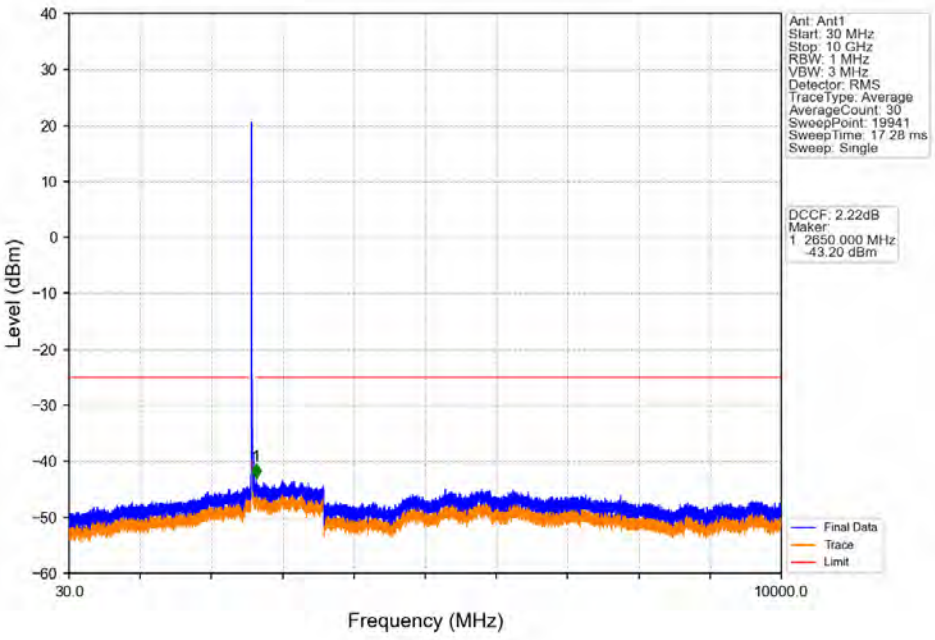


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

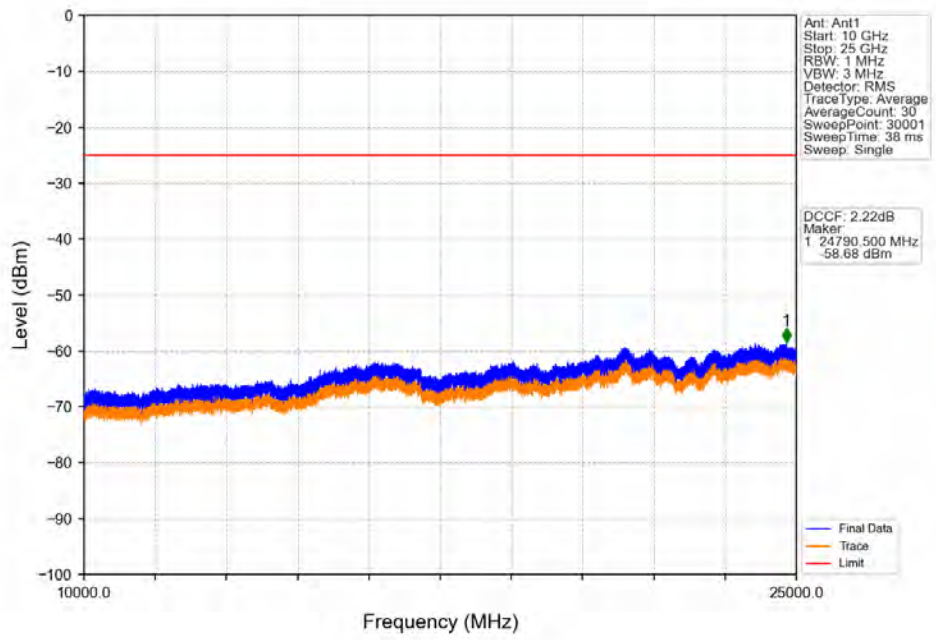


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	3.67	1	2494.881	-26.12	-13	Pass
2495	2496	0.43	0	2	2495.824	-29.24	-13	Pass
2496	2526	0.43	0	/	/	/	/	/

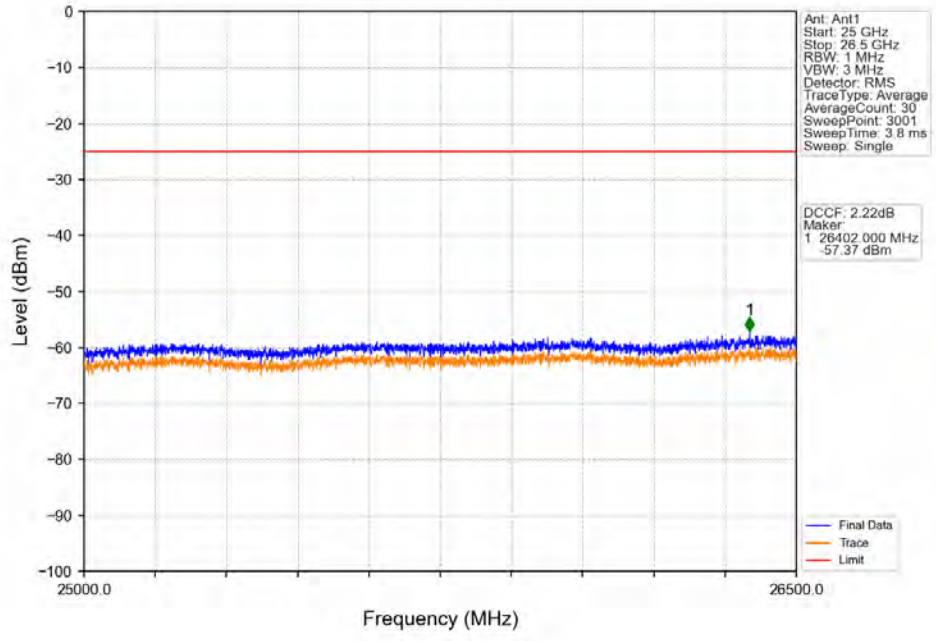
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



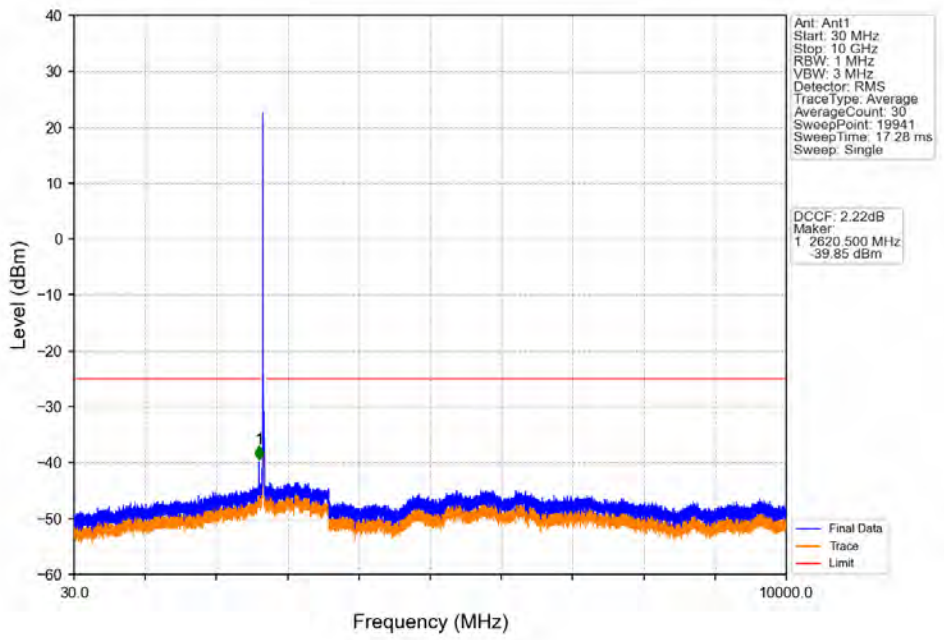
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



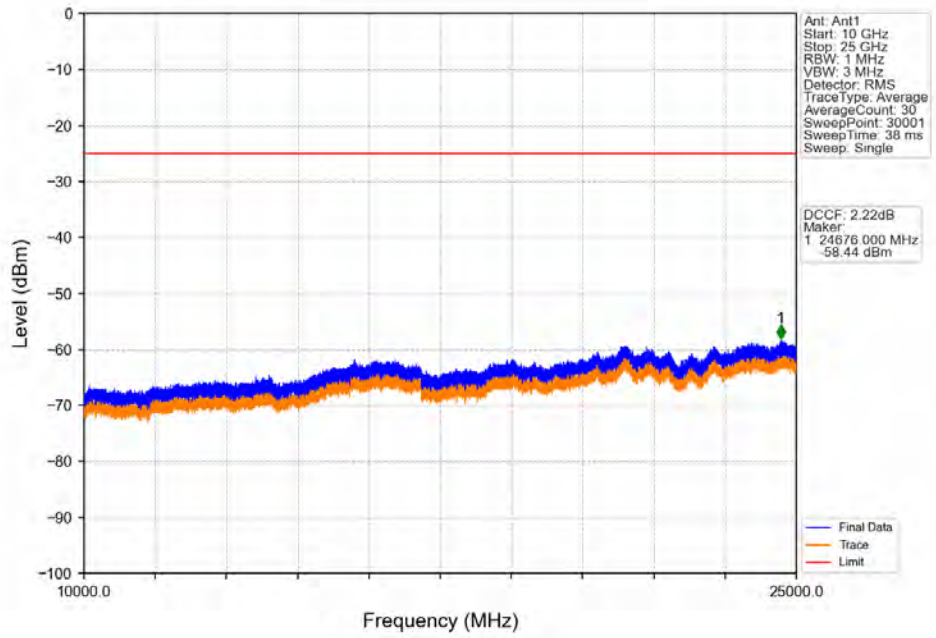
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



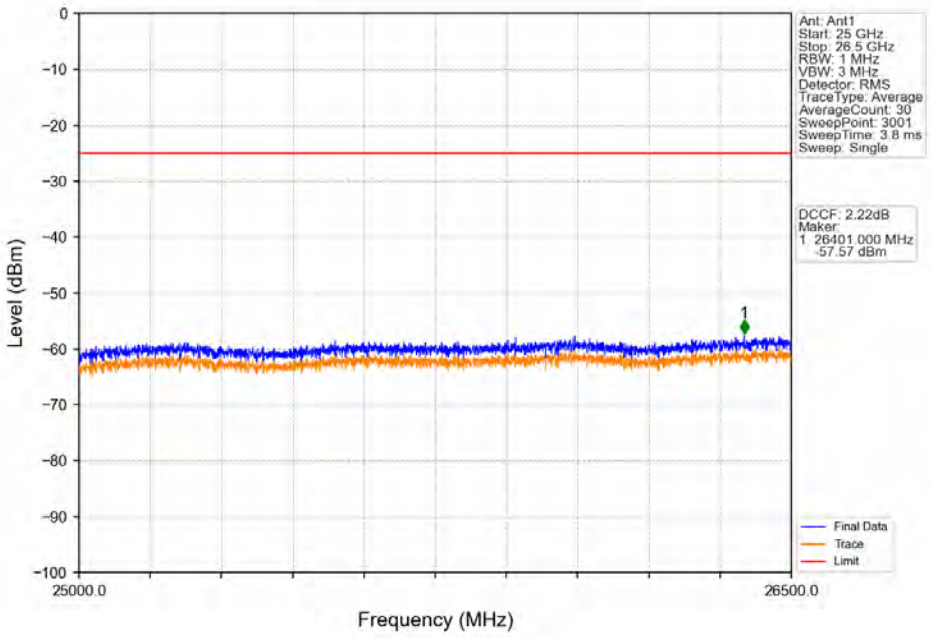
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



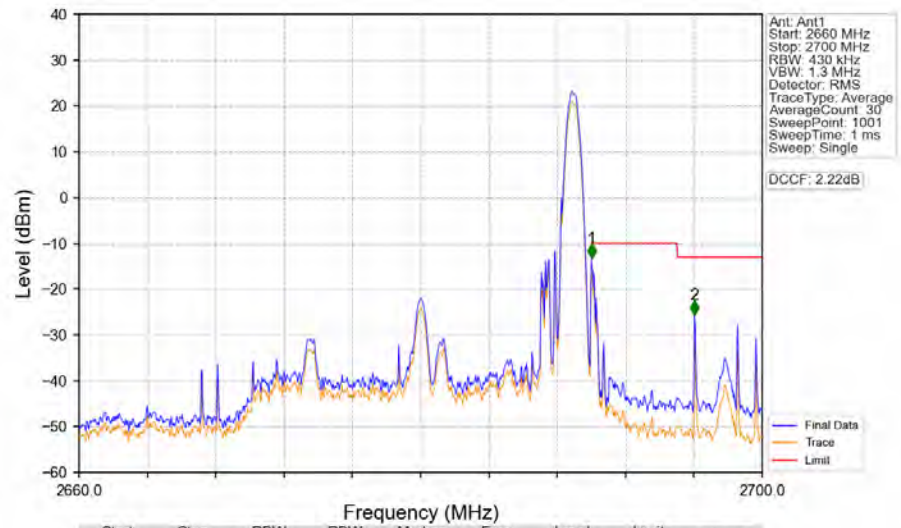
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

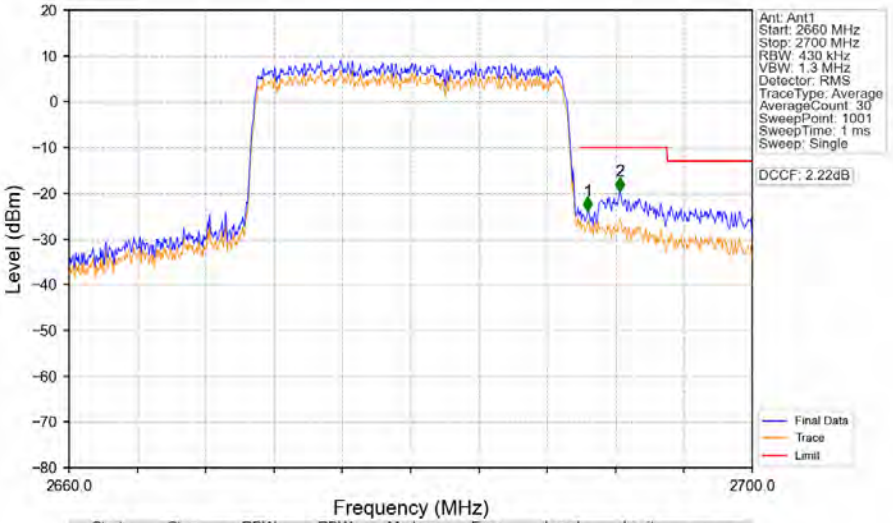


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



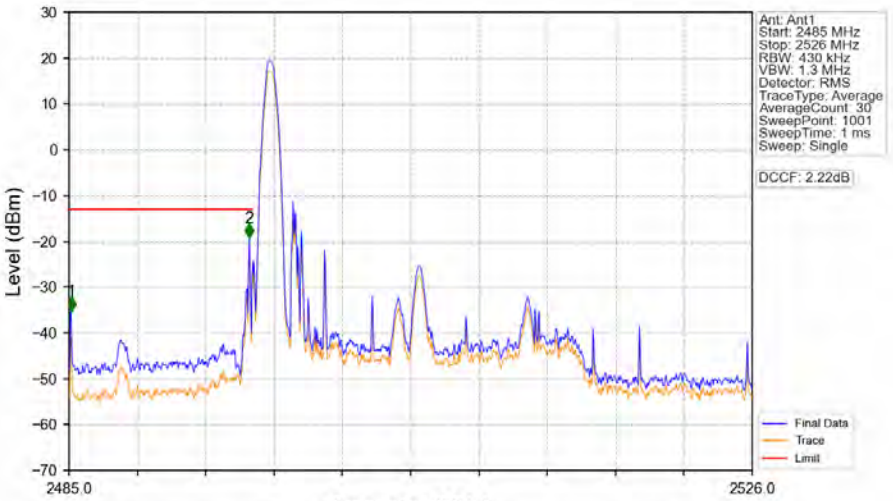
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	0	/	/	/	/	/
2690	2691	0.43	0	1	2690.000	-13.23	-10	Pass
2691	2700	1	3.67	2	2696.040	-25.64	-13	Pass

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



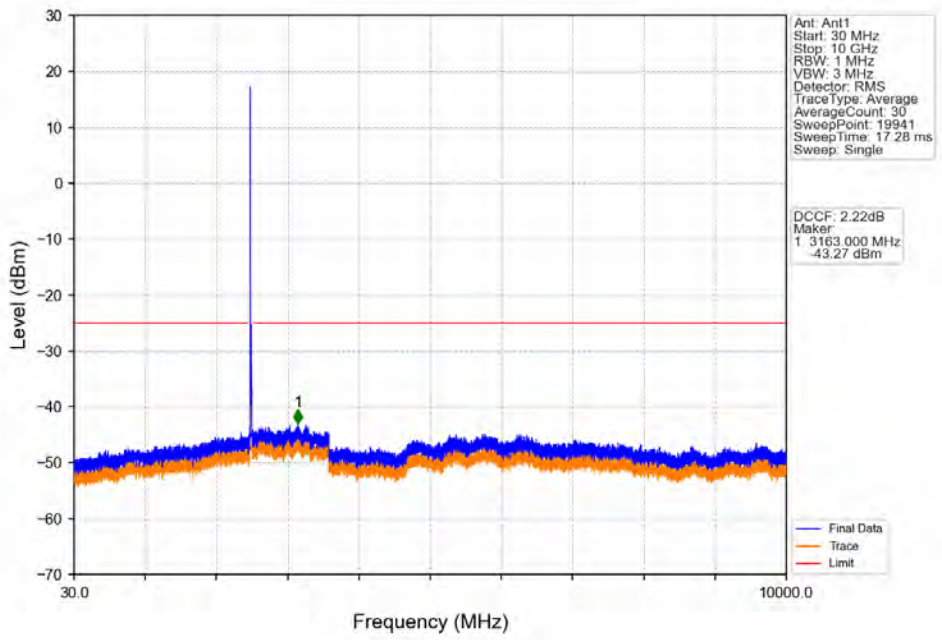
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	0	/	/	/	/	/
2690	2691	0.43	0	1	2690.360	-23.88	-10	Pass
2691	2700	1	3.67	2	2692.240	-19.60	-10	Pass

Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

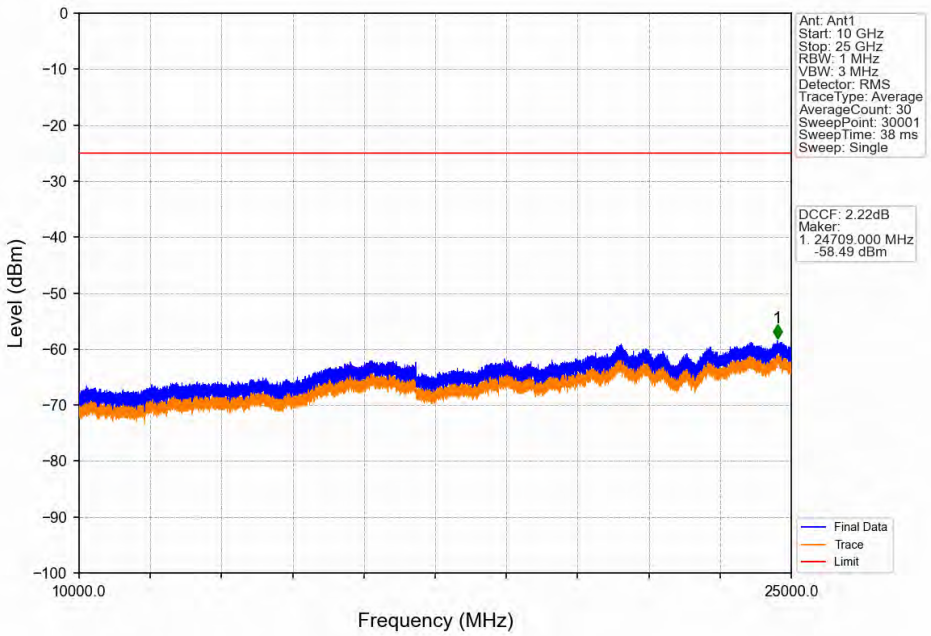


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	3.67	1	2485.123	-35.28	-13	Pass
2495	2496	0.43	0	2	2495.824	-19.25	-13	Pass
2496	2526	0.43	0	/	/	/	/	/

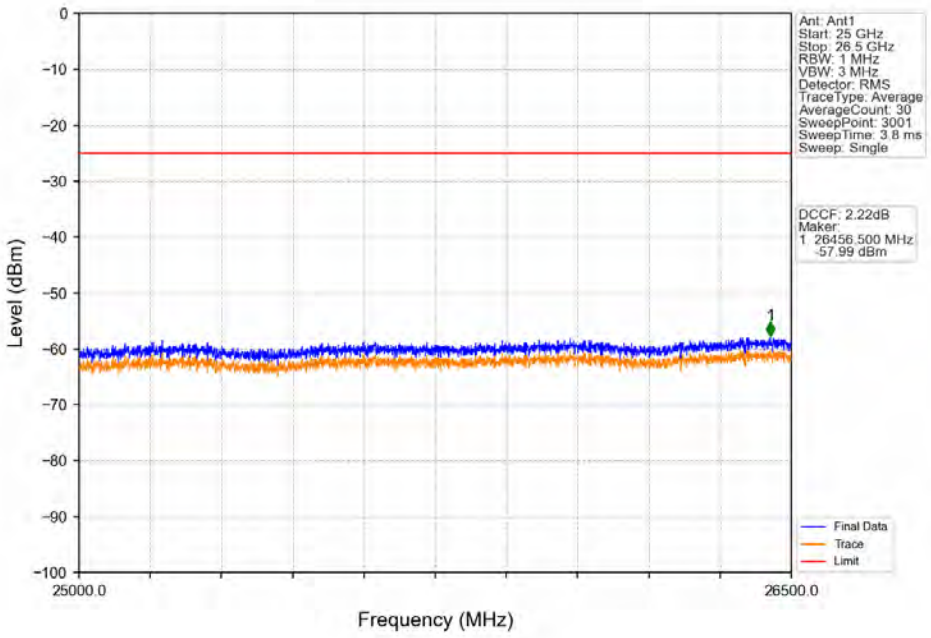
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



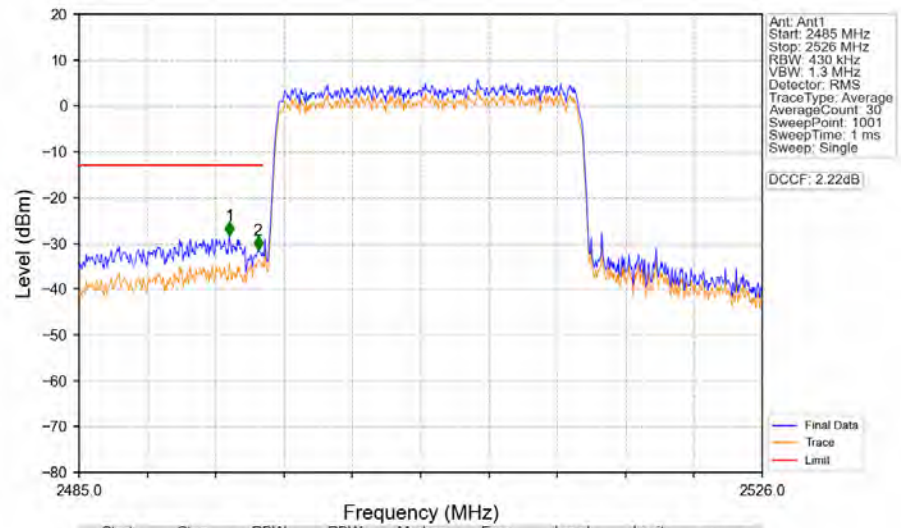
Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2506MHz_RB_1_0_NTNV

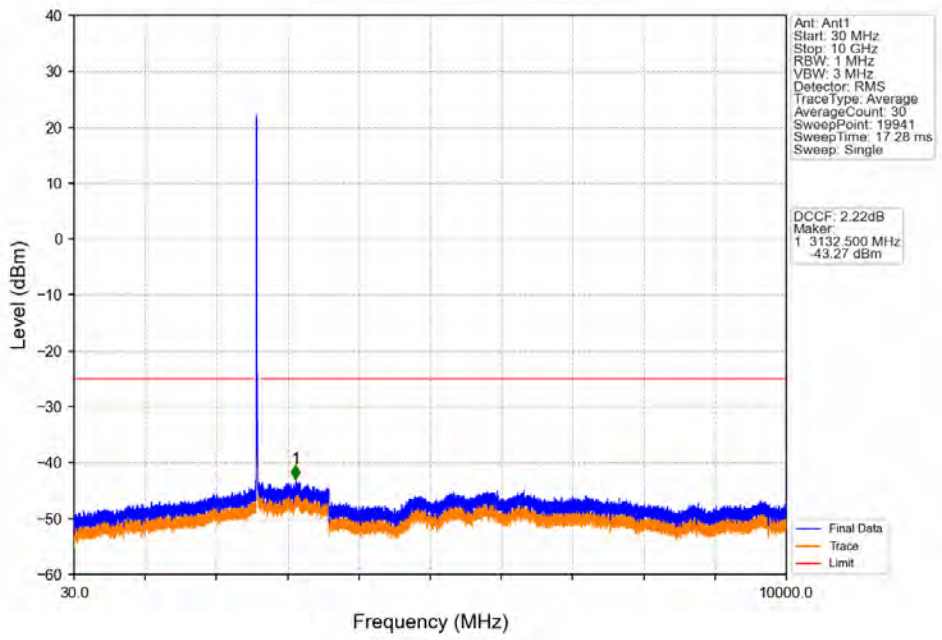


Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV

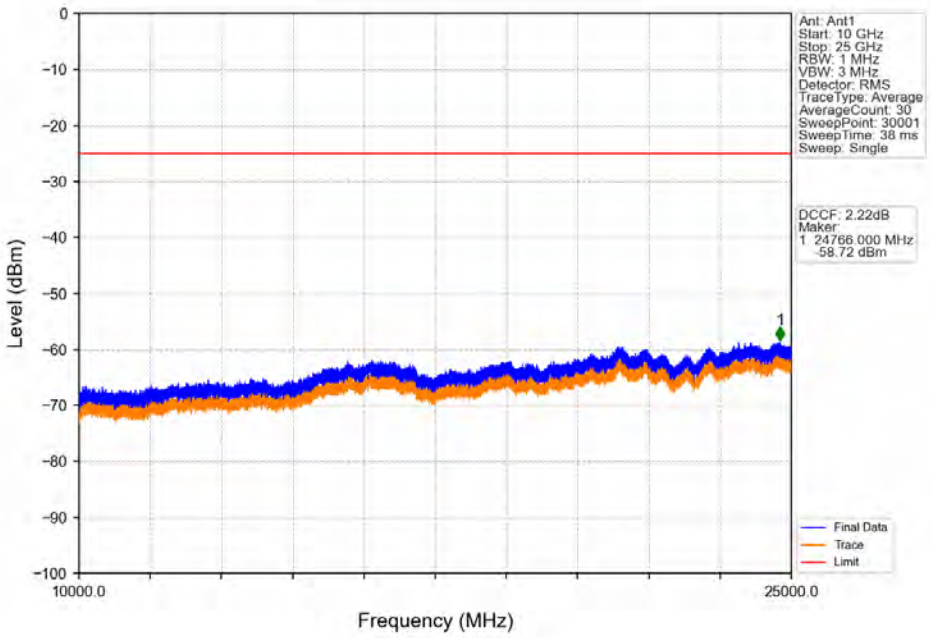


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	3.67	1	2494.020	-28.39	-13	Pass
2495	2496	0.43	0	2	2495.742	-31.45	-13	Pass
2496	2526	0.43	0	/	/	/	/	/

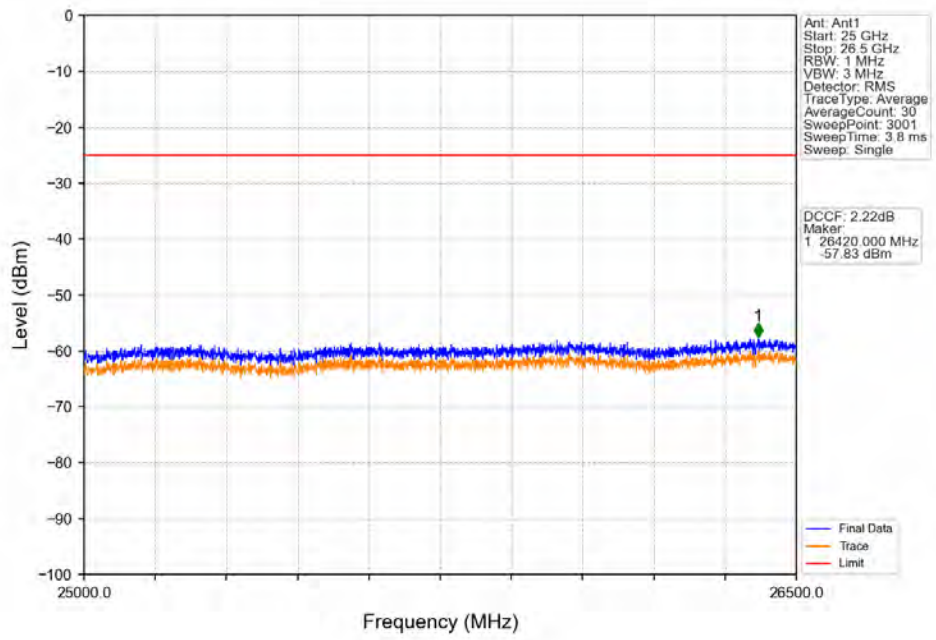
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



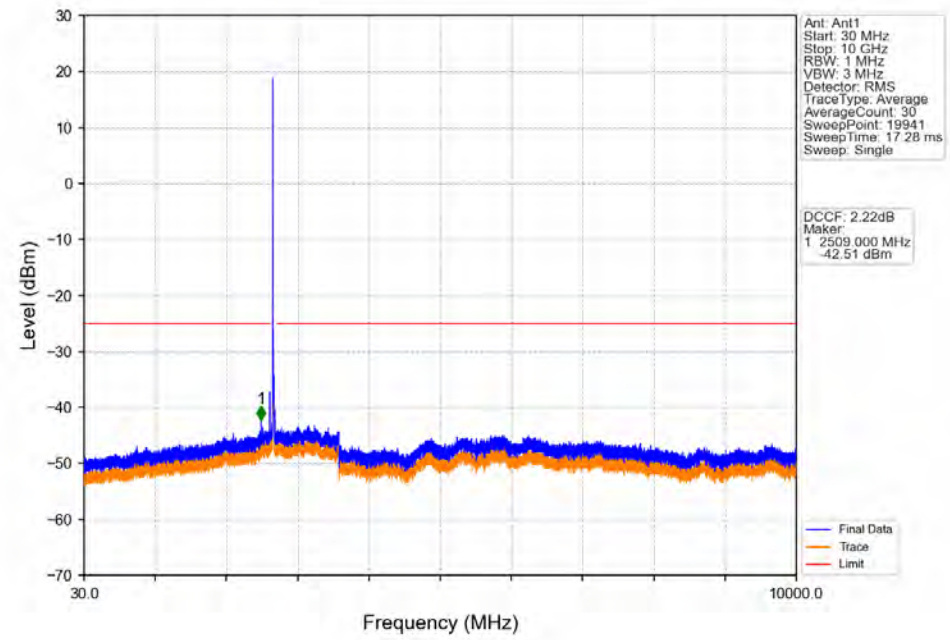
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



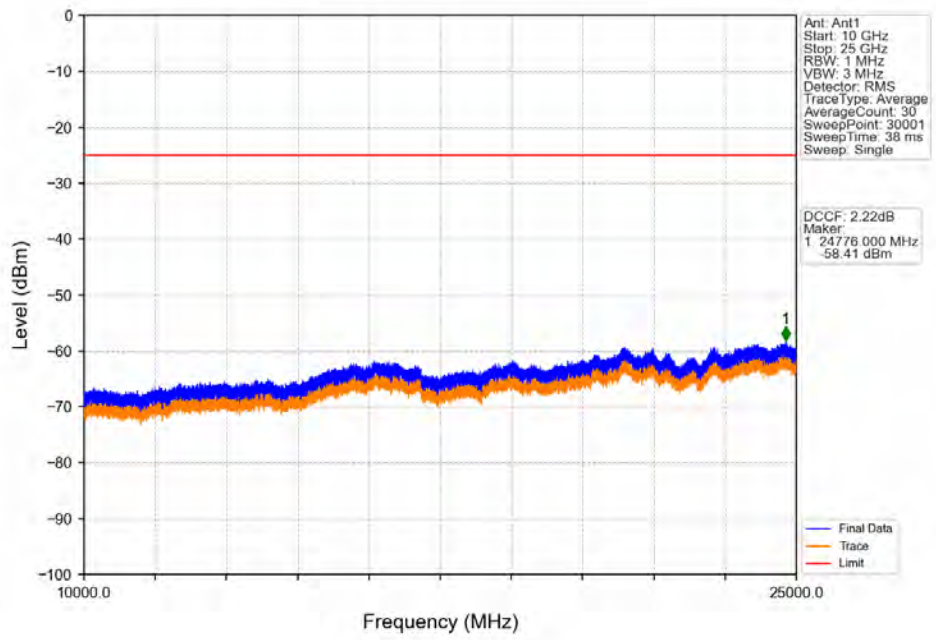
Band41_20MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



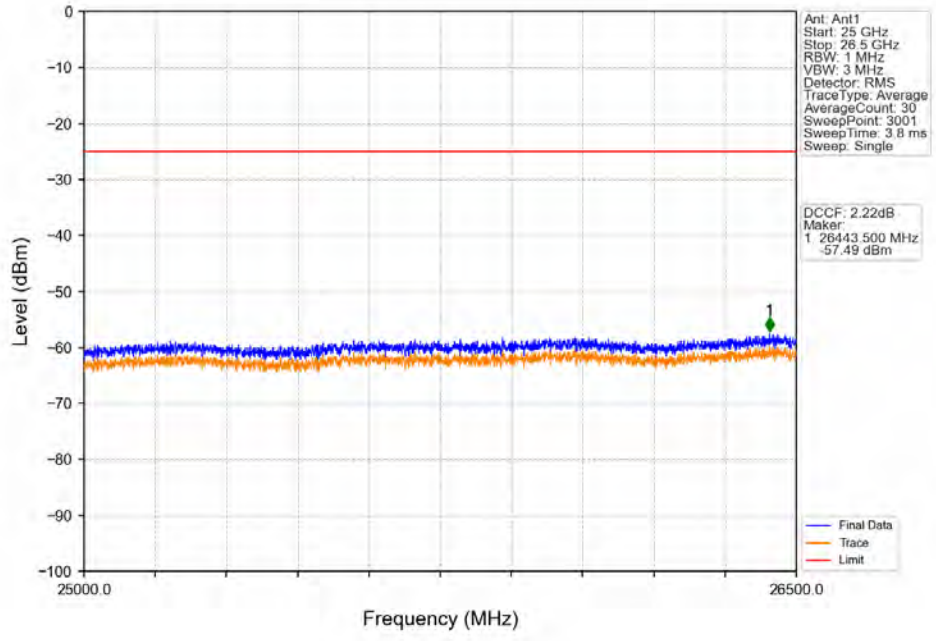
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



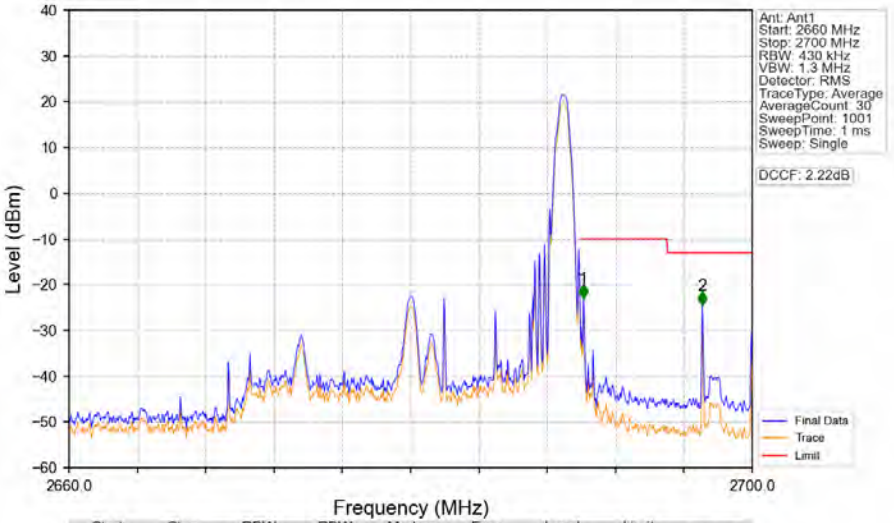
Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2680MHz_RB_1_0_NTNV

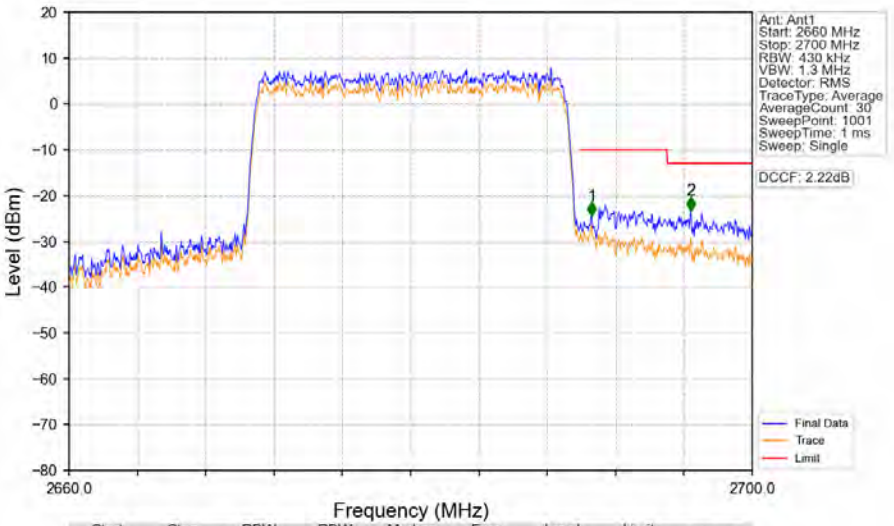


Band41_20MHz_16QAM_HCH_2680MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	0	/	/	/	/	/
2690	2691	0.43	0	1	2690.120	-22.96	-10	Pass
2691	2700	1	3.67	2	2697.080	-24.54	-13	Pass

Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	0	/	/	/	/	/
2690	2691	0.43	0	1	2690.600	-24.42	-10	Pass
2691	2700	1	3.67	2	2696.400	-23.32	-13	Pass

7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2498.5	2687.5	0.2259	0.0064	ppm	4M56G7D	27M	23.54
41	5	2498.5	2687.5	0.1786	0.0041	ppm	4M55W7D	27M	22.52
41	10	2501	2685	0.2193	0.0041	ppm	9M10G7D	27M	23.41
41	10	2501	2685	0.1742	0.0050	ppm	9M07W7D	27M	22.41
41	15	2503.5	2682.5	0.2244	0.0037	ppm	13M6G7D	27M	23.51
41	15	2503.5	2682.5	0.1875	0.0034	ppm	13M7W7D	27M	22.73
41	20	2506	2680	0.2178	0.0032	ppm	18M1G7D	27M	23.38
41	20	2506	2680	0.1832	0.0038	ppm	18M1W7D	27M	22.63

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2498.5	2687.5	0.2779	0.0064	ppm	4M56G7D	27M	24.44
41	5	2498.5	2687.5	0.2197	0.0041	ppm	4M55W7D	27M	23.42
41	10	2501	2685	0.2697	0.0041	ppm	9M10G7D	27M	24.31
41	10	2501	2685	0.2142	0.0050	ppm	9M07W7D	27M	23.31
41	15	2503.5	2682.5	0.276	0.0037	ppm	13M6G7D	27M	24.41
41	15	2503.5	2682.5	0.2306	0.0034	ppm	13M7W7D	27M	23.63
41	20	2506	2680	0.2679	0.0032	ppm	18M1G7D	27M	24.28
41	20	2506	2680	0.2249	0.0038	ppm	18M1W7D	27M	23.52