1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2557.5	1	0	23.41	1.12	24.53	<=33.01	Pass
			13	23.56	1.12	24.68	<=33.01	Pass
			24	23.28	1.12	24.40	<=33.01	Pass
		12	0	22.36	1.12	23.48	<=33.01	Pass
			6	22.43	1.12	23.55	<=33.01	Pass
			13	22.47	1.12	23.59	<=33.01	Pass
		25	0	22.42	1.12	23.54	<=33.01	Pass
	2605	1	0	22.95	1.12	24.07	<=33.01	Pass
			13	23.04	1.12	24.16	<=33.01	Pass
			24	22.95	1.12	24.07	<=33.01	Pass
		12	0	22.09	1.12	23.21	<=33.01	Pass
			6	21.93	1.12	23.05	<=33.01	Pass
			13	21.98	1.12	23.10	<=33.01	Pass
		25	0	21.96	1.12	23.08	<=33.01	Pass
	2652.5	1	0	23.24	1.12	24.36	<=33.01	Pass
			13	23.37	1.12	24.49	<=33.01	Pass
			24	23.36	1.12	24.48	<=33.01	Pass
		12	0	22.21	1.12	23.33	<=33.01	Pass
			6	22.33	1.12	23.45	<=33.01	Pass
			13	22.15	1.12	23.27	<=33.01	Pass
		25	0	22.32	1.12	23.44	<=33.01	Pass
16QAM	2557.5	1	0	22.61	1.12	23.73	<=33.01	Pass
			13	22.78	1.12	23.90	<=33.01	Pass
			24	22.24	1.12	23.36	<=33.01	Pass
		12	0	21.36	1.12	22.48	<=33.01	Pass
			6	21.46	1.12	22.58	<=33.01	Pass
			13	21.49	1.12	22.61	<=33.01	Pass
		25	0	21.24	1.12	22.36	<=33.01	Pass
	2605	1	0	22.08	1.12	23.20	<=33.01	Pass
			13	22.03	1.12	23.15	<=33.01	Pass
			24	21.80	1.12	22.92	<=33.01	Pass
		12	0	20.98	1.12	22.10	<=33.01	Pass
			6	21.01	1.12	22.13	<=33.01	Pass
			13	20.90	1.12	22.02	<=33.01	Pass
		25	0	21.11	1.12	22.23	<=33.01	Pass
	2652.5	1	0	22.16	1.12	23.28	<=33.01	Pass
			13	22.62	1.12	23.74	<=33.01	Pass
			24	22.15	1.12	23.27	<=33.01	Pass
		12	0	21.26	1.12	22.38	<=33.01	Pass
			6	21.22	1.12	22.34	<=33.01	Pass
			13	21.25	1.12	22.37	<=33.01	Pass
		25	0	21.27	1.12	22.39	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2560	1	0	23.45	1.12	24.57	<=33.01	Pass
			25	23.51	1.12	24.63	<=33.01	Pass
			49	23.37	1.12	24.49	<=33.01	Pass
		25	0	22.36	1.12	23.48	<=33.01	Pass
			13	22.29	1.12	23.41	<=33.01	Pass
			25	22.52	1.12	23.64	<=33.01	Pass
		50	0	22.47	1.12	23.59	<=33.01	Pass
	2605	1	0	23.03	1.12	24.15	<=33.01	Pass
			25	23.02	1.12	24.14	<=33.01	Pass
			49	23.21	1.12	24.33	<=33.01	Pass
		25	0	22.15	1.12	23.27	<=33.01	Pass
			13	22.04	1.12	23.16	<=33.01	Pass
			25	21.97	1.12	23.09	<=33.01	Pass
		50	0	22.12	1.12	23.24	<=33.01	Pass
	2650	1	0	23.12	1.12	24.24	<=33.01	Pass
			25	23.33	1.12	24.45	<=33.01	Pass
			49	23.10	1.12	24.22	<=33.01	Pass
		25	0	22.03	1.12	23.15	<=33.01	Pass
			13	21.94	1.12	23.06	<=33.01	Pass
			25	21.99	1.12	23.11	<=33.01	Pass
		50	0	22.06	1.12	23.18	<=33.01	Pass
16QAM	2560	1	0	22.26	1.12	23.38	<=33.01	Pass
			25	22.48	1.12	23.60	<=33.01	Pass
			49	22.30	1.12	23.42	<=33.01	Pass
		25	0	21.25	1.12	22.37	<=33.01	Pass
			13	21.52	1.12	22.64	<=33.01	Pass
			25	21.56	1.12	22.68	<=33.01	Pass
		50	0	21.45	1.12	22.57	<=33.01	Pass
	2605	1	0	22.10	1.12	23.22	<=33.01	Pass
			25	21.98	1.12	23.10	<=33.01	Pass
			49	22.30	1.12	23.42	<=33.01	Pass
		25	0	21.15	1.12	22.27	<=33.01	Pass
			13	21.21	1.12	22.33	<=33.01	Pass
			25	21.05	1.12	22.17	<=33.01	Pass
		50	0	21.04	1.12	22.16	<=33.01	Pass
	2650	1	0	21.83	1.12	22.95	<=33.01	Pass
			25	21.98	1.12	23.10	<=33.01	Pass
			49	21.88	1.12	23.00	<=33.01	Pass
		25	0	20.97	1.12	22.09	<=33.01	Pass
			13	21.17	1.12	22.29	<=33.01	Pass
			25	21.06	1.12	22.18	<=33.01	Pass
		50	0	21.26	1.12	22.38	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2562.5	1	0	23.16	1.12	24.28	<=33.01	Pass
			38	23.33	1.12	24.45	<=33.01	Pass
			74	23.25	1.12	24.37	<=33.01	Pass
		36	0	21.94	1.12	23.06	<=33.01	Pass

			18	21.98	1.12	23.10	<=33.01	Pass
			39	21.97	1.12	23.09	<=33.01	Pass
		75	0	21.93	1.12	23.05	<=33.01	Pass
	2605	1	0	22.66	1.12	23.78	<=33.01	Pass
			38	22.76	1.12	23.88	<=33.01	Pass
			74	22.60	1.12	23.72	<=33.01	Pass
		36	0	21.44	1.12	22.56	<=33.01	Pass
			18	21.50	1.12	22.62	<=33.01	Pass
			39	21.58	1.12	22.70	<=33.01	Pass
		75	0	21.61	1.12	22.73	<=33.01	Pass
	2647.5	1	0	22.69	1.12	23.81	<=33.01	Pass
			38	22.82	1.12	23.94	<=33.01	Pass
			74	22.73	1.12	23.85	<=33.01	Pass
		36	0	21.69	1.12	22.81	<=33.01	Pass
			18	21.75	1.12	22.87	<=33.01	Pass
			39	21.54	1.12	22.66	<=33.01	Pass
		75	0	21.75	1.12	22.87	<=33.01	Pass
16QAM	2562.5	1	0	21.64	1.12	22.76	<=33.01	Pass
			38	21.75	1.12	22.87	<=33.01	Pass
			74	21.70	1.12	22.82	<=33.01	Pass
		36	0	20.85	1.12	21.97	<=33.01	Pass
			18	20.83	1.12	21.95	<=33.01	Pass
			39	20.94	1.12	22.06	<=33.01	Pass
		75	0	20.95	1.12	22.07	<=33.01	Pass
	2605	1	0	21.44	1.12	22.56	<=33.01	Pass
			38	21.52	1.12	22.64	<=33.01	Pass
			74	21.50	1.12	22.62	<=33.01	Pass
		36	0	20.51	1.12	21.63	<=33.01	Pass
			18	20.63	1.12	21.75	<=33.01	Pass
			39	20.52	1.12	21.64	<=33.01	Pass
		75	0	20.51	1.12	21.63	<=33.01	Pass
	2647.5	1	0	21.34	1.12	22.46	<=33.01	Pass
			38	21.64	1.12	22.76	<=33.01	Pass
			74	21.96	1.12	23.08	<=33.01	Pass
		36	0	20.77	1.12	21.89	<=33.01	Pass
			18	20.69	1.12	21.81	<=33.01	Pass
			39	20.58	1.12	21.70	<=33.01	Pass
		75	0	20.76	1.12	21.88	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2565	1	0	22.90	1.12	24.02	<=33.01	Pass
			50	22.84	1.12	23.96	<=33.01	Pass
			99	22.75	1.12	23.87	<=33.01	Pass
		50	0	21.74	1.12	22.86	<=33.01	Pass
			25	21.83	1.12	22.95	<=33.01	Pass
			50	22.02	1.12	23.14	<=33.01	Pass
		100	0	21.90	1.12	23.02	<=33.01	Pass
	2605	1	0	22.39	1.12	23.51	<=33.01	Pass
			50	22.71	1.12	23.83	<=33.01	Pass
			99	22.57	1.12	23.69	<=33.01	Pass
		50	0	21.48	1.12	22.60	<=33.01	Pass

			25	21.56	1.12	22.68	<=33.01	Pass
			50	21.50	1.12	22.62	<=33.01	Pass
		100	0	21.50	1.12	22.62	<=33.01	Pass
	2645	1	0	22.40	1.12	23.52	<=33.01	Pass
			50	22.68	1.12	23.80	<=33.01	Pass
			99	22.66	1.12	23.78	<=33.01	Pass
		50	0	21.74	1.12	22.86	<=33.01	Pass
			25	21.64	1.12	22.76	<=33.01	Pass
			50	21.55	1.12	22.67	<=33.01	Pass
		100	0	21.65	1.12	22.77	<=33.01	Pass
16QAM	2565	1	0	21.76	1.12	22.88	<=33.01	Pass
			50	22.29	1.12	23.41	<=33.01	Pass
			99	21.76	1.12	22.88	<=33.01	Pass
		50	0	20.73	1.12	21.85	<=33.01	Pass
			25	20.89	1.12	22.01	<=33.01	Pass
			50	20.92	1.12	22.04	<=33.01	Pass
		100	0	20.76	1.12	21.88	<=33.01	Pass
	2605	1	0	21.57	1.12	22.69	<=33.01	Pass
			50	21.77	1.12	22.89	<=33.01	Pass
			99	21.01	1.12	22.13	<=33.01	Pass
		50	0	20.68	1.12	21.80	<=33.01	Pass
			25	20.73	1.12	21.85	<=33.01	Pass
			50	20.58	1.12	21.70	<=33.01	Pass
		100	0	20.55	1.12	21.67	<=33.01	Pass
	2645	1	0	21.19	1.12	22.31	<=33.01	Pass
			50	21.85	1.12	22.97	<=33.01	Pass
			99	21.45	1.12	22.57	<=33.01	Pass
		50	0	20.68	1.12	21.80	<=33.01	Pass
			25	20.69	1.12	21.81	<=33.01	Pass
			50	20.47	1.12	21.59	<=33.01	Pass
		100	0	20.57	1.12	21.69	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2557.5	25	0	20	3.27	-6.294	-0.0025	-2.5 to 2.5	Pass
					3.85	-16.265	-0.0064	-2.5 to 2.5	Pass
					4.43	-41.599	-0.0163	-2.5 to 2.5	Pass
				-30	3.85	-7.982	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-5.579	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	-30.041	-0.0117	-2.5 to 2.5	Pass
				0	3.85	-23.332	-0.0091	-2.5 to 2.5	Pass
				10	3.85	-11.802	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-44.875	-0.0175	-2.5 to 2.5	Pass
				40	3.85	-30.112	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-42.644	-0.0167	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	-30.913	-0.0119	-2.5 to 2.5	Pass
					3.85	-43.073	-0.0165	-2.5 to 2.5	Pass

					4.43	-9.370	-0.0036	-2.5 to 2.5	Pass
				-30	3.85	-3.977	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-37.451	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	-24.219	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-39.225	-0.0151	-2.5 to 2.5	Pass
				10	3.85	-31.114	-0.0119	-2.5 to 2.5	Pass
				30	3.85	-37.923	-0.0146	-2.5 to 2.5	Pass
				40	3.85	-5.279	-0.0020	-2.5 to 2.5	Pass
				50	3.85	-31.772	-0.0122	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	-9.856	-0.0037	-2.5 to 2.5	Pass
					3.85	-49.725	-0.0187	-2.5 to 2.5	Pass
					4.43	-25.105	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-20.514	-0.0077	-2.5 to 2.5	Pass
				-20	3.85	-32.773	-0.0124	-2.5 to 2.5	Pass
				-10	3.85	-1.917	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-38.023	-0.0143	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-37.866	-0.0143	-2.5 to 2.5	Pass
				50	3.85	5.536	0.0021	-2.5 to 2.5	Pass
16QAM	2557.5	25	0	20	3.27	-51.084	-0.0200	-2.5 to 2.5	Pass
					3.85	-46.449	-0.0182	-2.5 to 2.5	Pass
					4.43	-47.150	-0.0184	-2.5 to 2.5	Pass
				-30	3.85	-56.276	-0.0220	-2.5 to 2.5	Pass
				-20	3.85	-48.437	-0.0189	-2.5 to 2.5	Pass
				-10	3.85	-27.595	-0.0108	-2.5 to 2.5	Pass
				0	3.85	-64.158	-0.0251	-2.5 to 2.5	Pass
				10	3.85	-52.314	-0.0205	-2.5 to 2.5	Pass
				30	3.85	-18.754	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-23.289	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-35.734	-0.0140	-2.5 to 2.5	Pass
	2605	25	0	20	3.27	-29.426	-0.0113	-2.5 to 2.5	Pass
					3.85	-23.646	-0.0091	-2.5 to 2.5	Pass
					4.43	-19.755	-0.0076	-2.5 to 2.5	Pass
				-30	3.85	-8.855	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-4.921	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-1.001	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-28.753	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-1.059	-0.0004	-2.5 to 2.5	Pass
				30	3.85	7.868	0.0030	-2.5 to 2.5	Pass
				40	3.85	4.349	0.0017	-2.5 to 2.5	Pass
				50	3.85	-0.386	-0.0001	-2.5 to 2.5	Pass
	2652.5	25	0	20	3.27	-1.616	-0.0006	-2.5 to 2.5	Pass
					3.85	5.450	0.0021	-2.5 to 2.5	Pass
					4.43	-22.001	-0.0083	-2.5 to 2.5	Pass
				-30	3.85	-34.218	-0.0129	-2.5 to 2.5	Pass
				-20	3.85	4.878	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-12.574	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-30.541	-0.0115	-2.5 to 2.5	Pass
				10	3.85	5.436	0.0020	-2.5 to 2.5	Pass
				30	3.85	-6.838	-0.0026	-2.5 to 2.5	Pass
				40	3.85	3.405	0.0013	-2.5 to 2.5	Pass
				50	3.85	-23.518	-0.0089	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2560	50	0	20	3.27	-5.937	-0.0023	-2.5 to 2.5	Pass
					3.85	-0.143	-0.0001	-2.5 to 2.5	Pass
					4.43	-14.334	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-6.695	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-6.137	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-15.736	-0.0061	-2.5 to 2.5	Pass
				10	3.85	1.717	0.0007	-2.5 to 2.5	Pass
				30	3.85	-8.125	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-10.571	-0.0041	-2.5 to 2.5	Pass
				50	3.85	1.874	0.0007	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-2.317	-0.0009	-2.5 to 2.5	Pass
					3.85	1.373	0.0005	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.159	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-15.078	-0.0058	-2.5 to 2.5	Pass
				-10	3.85	-10.414	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-5.779	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-13.690	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-11.129	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-1.073	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-4.034	-0.0015	-2.5 to 2.5	Pass
	2650	50	0	20	3.27	-3.219	-0.0012	-2.5 to 2.5	Pass
					3.85	1.101	0.0004	-2.5 to 2.5	Pass
					4.43	-4.878	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-9.055	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-10.285	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	-0.043	0.0000	-2.5 to 2.5	Pass
				0	3.85	2.847	0.0011	-2.5 to 2.5	Pass
				10	3.85	-18.997	-0.0072	-2.5 to 2.5	Pass
				30	3.85	-9.813	-0.0037	-2.5 to 2.5	Pass
				40	3.85	1.330	0.0005	-2.5 to 2.5	Pass
				50	3.85	-5.536	-0.0021	-2.5 to 2.5	Pass
16QAM	2560	50	0	20	3.27	-6.766	-0.0026	-2.5 to 2.5	Pass
					3.85	-8.039	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.507	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-1.473	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-5.007	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	12.674	0.0050	-2.5 to 2.5	Pass
				0	3.85	0.758	0.0003	-2.5 to 2.5	Pass
				10	3.85	-5.851	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.85	5.636	0.0022	-2.5 to 2.5	Pass
				50	3.85	-0.987	-0.0004	-2.5 to 2.5	Pass
	2605	50	0	20	3.27	-2.718	-0.0010	-2.5 to 2.5	Pass
					3.85	-3.333	-0.0013	-2.5 to 2.5	Pass
					4.43	-14.205	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.346	0.0009	-2.5 to 2.5	Pass
				-10	3.85	-7.939	-0.0030	-2.5 to 2.5	Pass
				0	3.85	3.977	0.0015	-2.5 to 2.5	Pass
				10	3.85	-14.906	-0.0057	-2.5 to 2.5	Pass
				30	3.85	2.089	0.0008	-2.5 to 2.5	Pass
				40	3.85	12.045	0.0046	-2.5 to 2.5	Pass
				50	3.85	6.194	0.0024	-2.5 to 2.5	Pass

	2650	50	0	20	3.27	-7.324	-0.0028	-2.5 to 2.5	Pass
					3.85	-0.343	-0.0001	-2.5 to 2.5	Pass
					4.43	-18.883	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-14.892	-0.0056	-2.5 to 2.5	Pass
				-20	3.85	-21.286	-0.0080	-2.5 to 2.5	Pass
				-10	3.85	-13.032	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-9.184	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-6.194	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.562	-0.0013	-2.5 to 2.5	Pass
				40	3.85	6.423	0.0024	-2.5 to 2.5	Pass
				50	3.85	-26.021	-0.0098	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2562.5	75	0	20	3.27	-14.119	-0.0055	-2.5 to 2.5	Pass
					3.85	-11.086	-0.0043	-2.5 to 2.5	Pass
					4.43	-1.988	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-8.297	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-6.938	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-22.173	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-2.646	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-13.075	-0.0051	-2.5 to 2.5	Pass
				40	3.85	1.945	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.189	0.0009	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	-12.403	-0.0048	-2.5 to 2.5	Pass
					3.85	-2.232	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	-10.543	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-10.042	-0.0039	-2.5 to 2.5	Pass
				0	3.85	-14.863	-0.0057	-2.5 to 2.5	Pass
				10	3.85	-4.706	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-0.587	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-5.665	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-9.856	-0.0038	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-5.093	-0.0019	-2.5 to 2.5	Pass
					3.85	6.781	0.0026	-2.5 to 2.5	Pass
					4.43	-2.518	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-8.984	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-11.745	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	5.264	0.0020	-2.5 to 2.5	Pass
				0	3.85	2.189	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.744	0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.845	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0031	-2.5 to 2.5	Pass
				50	3.85	-15.907	-0.0060	-2.5 to 2.5	Pass
16QAM	2562.5	75	0	20	3.27	-9.012	-0.0035	-2.5 to 2.5	Pass
					3.85	3.519	0.0014	-2.5 to 2.5	Pass
					4.43	-1.416	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-4.921	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-18.296	-0.0071	-2.5 to 2.5	Pass
				-10	3.85	-4.506	-0.0018	-2.5 to 2.5	Pass

				0	3.85	3.905	0.0015	-2.5 to 2.5	Pass
				10	3.85	-12.131	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-10.943	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-14.563	-0.0057	-2.5 to 2.5	Pass
				50	3.85	8.340	0.0033	-2.5 to 2.5	Pass
	2605	75	0	20	3.27	5.693	0.0022	-2.5 to 2.5	Pass
					3.85	-5.636	-0.0022	-2.5 to 2.5	Pass
					4.43	-8.683	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-8.683	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-8.254	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-15.492	-0.0059	-2.5 to 2.5	Pass
				10	3.85	-10.085	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-4.020	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-12.302	-0.0047	-2.5 to 2.5	Pass
	2647.5	75	0	20	3.27	-3.991	-0.0015	-2.5 to 2.5	Pass
					3.85	-6.394	-0.0024	-2.5 to 2.5	Pass
					4.43	-2.375	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-1.659	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	-3.376	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-16.079	-0.0061	-2.5 to 2.5	Pass
				0	3.85	-7.825	-0.0030	-2.5 to 2.5	Pass
				10	3.85	1.702	0.0006	-2.5 to 2.5	Pass
				30	3.85	9.584	0.0036	-2.5 to 2.5	Pass
				40	3.85	2.003	0.0008	-2.5 to 2.5	Pass
				50	3.85	6.680	0.0025	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2565	100	0	20	3.27	5.808	0.0023	-2.5 to 2.5	Pass
					3.85	-10.500	-0.0041	-2.5 to 2.5	Pass
					4.43	-4.077	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-8.955	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-7.839	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-16.165	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-3.347	-0.0013	-2.5 to 2.5	Pass
				30	3.85	3.033	0.0012	-2.5 to 2.5	Pass
				40	3.85	1.645	0.0006	-2.5 to 2.5	Pass
				50	3.85	-8.998	-0.0035	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	-4.606	-0.0018	-2.5 to 2.5	Pass
					3.85	-6.437	-0.0025	-2.5 to 2.5	Pass
					4.43	-2.360	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.575	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	0.157	0.0001	-2.5 to 2.5	Pass
				-10	3.85	-17.009	-0.0065	-2.5 to 2.5	Pass
				0	3.85	-3.161	-0.0012	-2.5 to 2.5	Pass
				10	3.85	1.831	0.0007	-2.5 to 2.5	Pass
				30	3.85	-3.576	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-5.636	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-5.064	-0.0019	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-4.463	-0.0017	-2.5 to 2.5	Pass

					3.85	-4.191	-0.0016	-2.5 to 2.5	Pass
					4.43	-5.136	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-8.926	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	2.561	0.0010	-2.5 to 2.5	Pass
				-10	3.85	-2.890	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.405	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-11.387	-0.0043	-2.5 to 2.5	Pass
				30	3.85	-3.061	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-16.265	-0.0061	-2.5 to 2.5	Pass
				50	3.85	1.774	0.0007	-2.5 to 2.5	Pass
16QAM	2565	100	0	20	3.27	-13.776	-0.0054	-2.5 to 2.5	Pass
					3.85	-2.203	-0.0009	-2.5 to 2.5	Pass
					4.43	-15.221	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	3.061	0.0012	-2.5 to 2.5	Pass
				-20	3.85	2.017	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-2.518	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-10.042	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-1.230	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-8.712	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0018	-2.5 to 2.5	Pass
				50	3.85	0.257	0.0001	-2.5 to 2.5	Pass
	2605	100	0	20	3.27	-16.508	-0.0063	-2.5 to 2.5	Pass
					3.85	8.054	0.0031	-2.5 to 2.5	Pass
					4.43	-10.057	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-2.346	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-9.956	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	1.745	0.0007	-2.5 to 2.5	Pass
				0	3.85	-11.644	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-8.039	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-7.253	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-17.610	-0.0068	-2.5 to 2.5	Pass
				50	3.85	1.488	0.0006	-2.5 to 2.5	Pass
	2645	100	0	20	3.27	-5.579	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.545	-0.0006	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0016	-2.5 to 2.5	Pass
				-30	3.85	-11.973	-0.0045	-2.5 to 2.5	Pass
				-20	3.85	-16.780	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-5.794	-0.0022	-2.5 to 2.5	Pass
				0	3.85	4.807	0.0018	-2.5 to 2.5	Pass
				10	3.85	-4.520	-0.0017	-2.5 to 2.5	Pass
				30	3.85	4.549	0.0017	-2.5 to 2.5	Pass
				40	3.85	2.518	0.0010	-2.5 to 2.5	Pass
				50	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	25	0	Refer To Test Graph		Pass
16QAM	2605	25	0	Refer To Test Graph		Pass

3.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	50	0	Refer To Test Graph		Pass
16QAM	2605	50	0	Refer To Test Graph		Pass

3.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	75	0	Refer To Test Graph		Pass
16QAM	2605	75	0	Refer To Test Graph		Pass

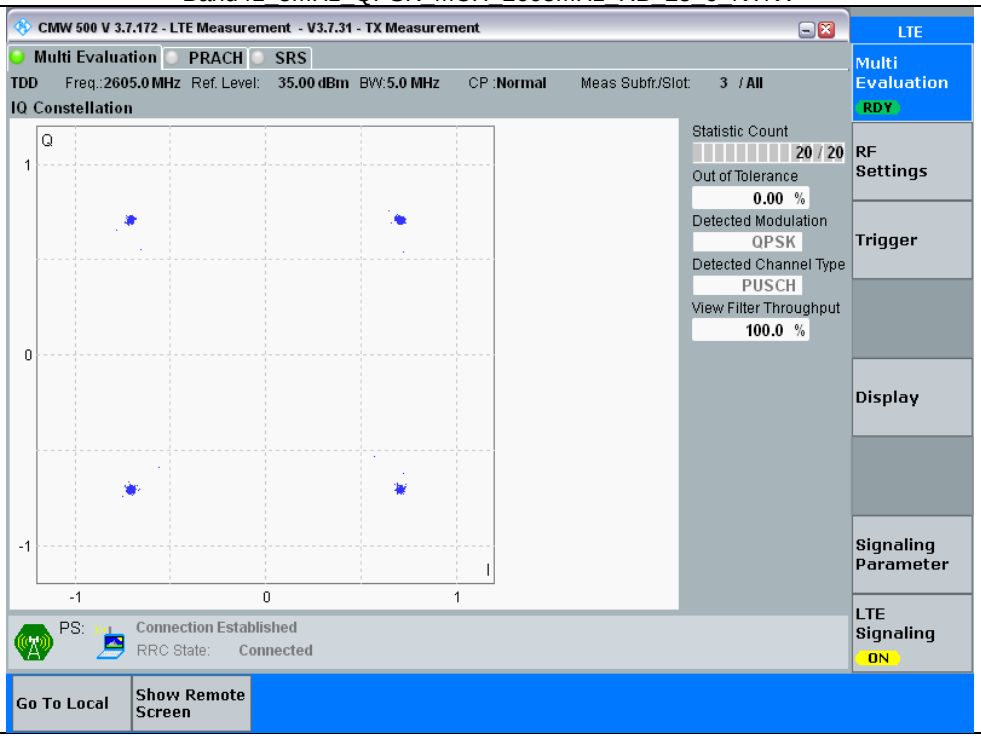
3.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	2605	100	0	Refer To Test Graph		Pass
16QAM	2605	100	0	Refer To Test Graph		Pass

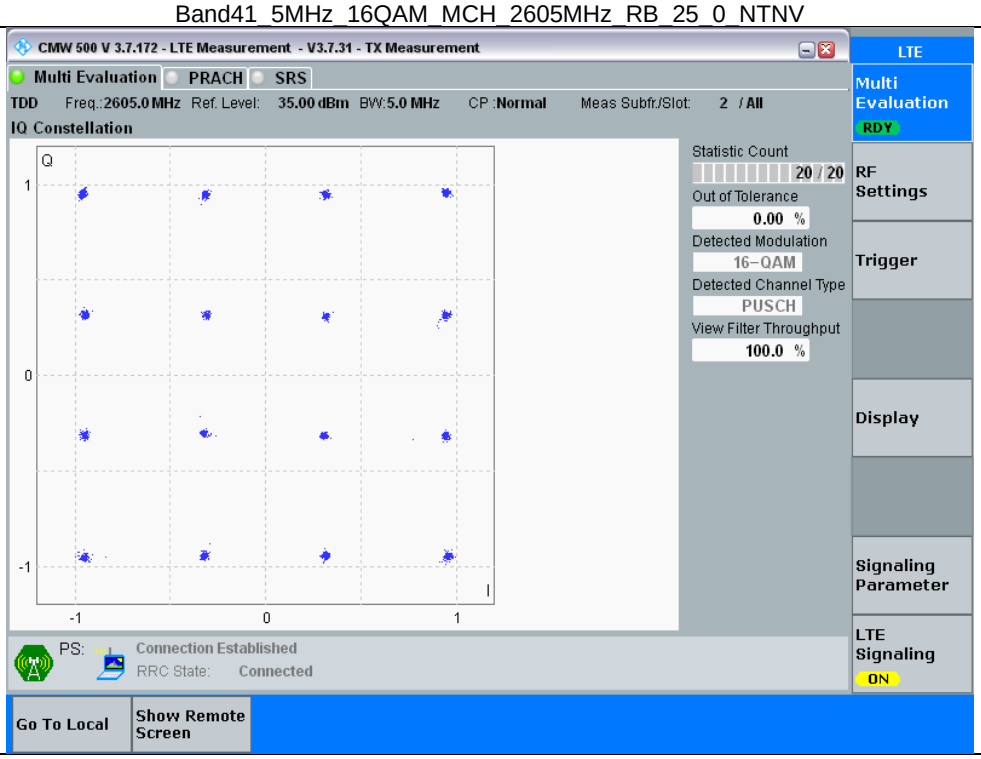
3.2 Test Graph

3.2.1 B41_5MHz

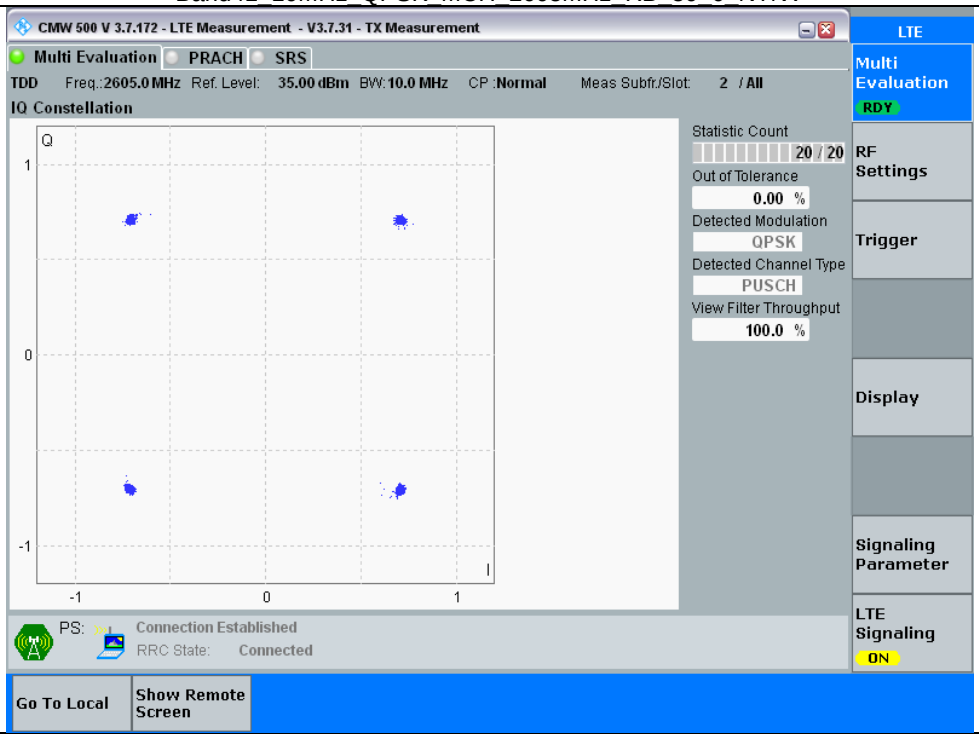
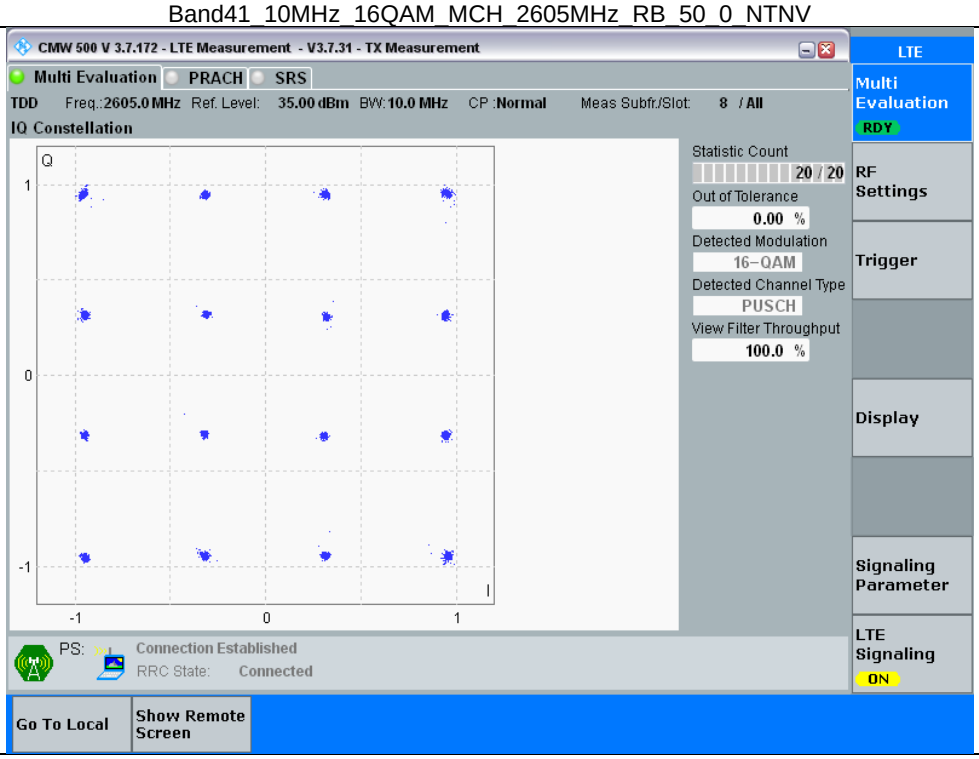
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



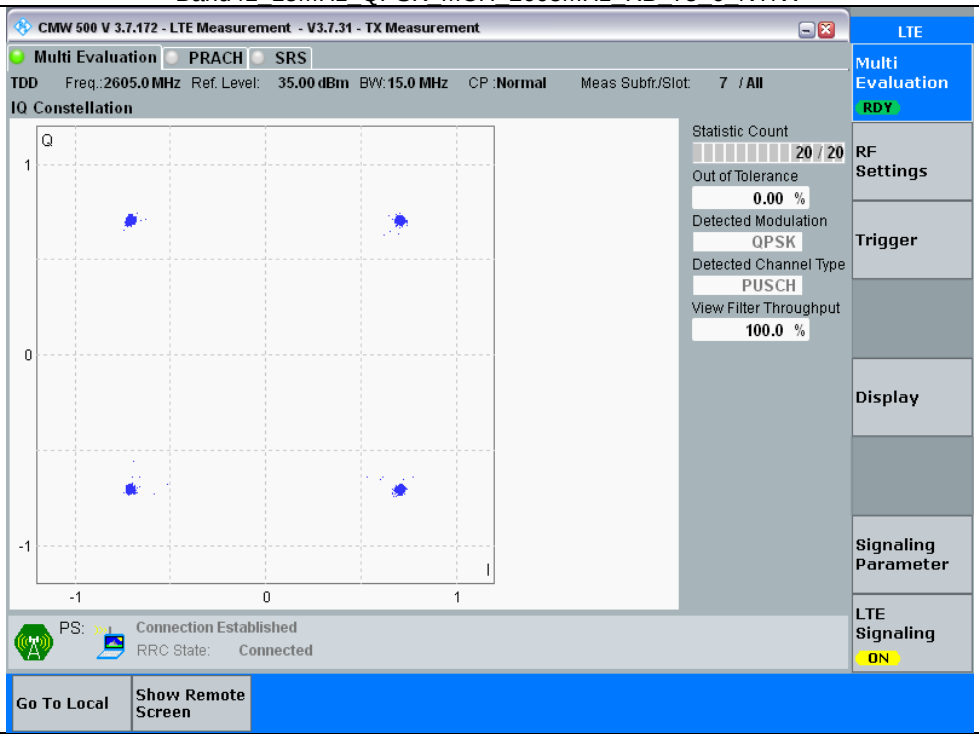
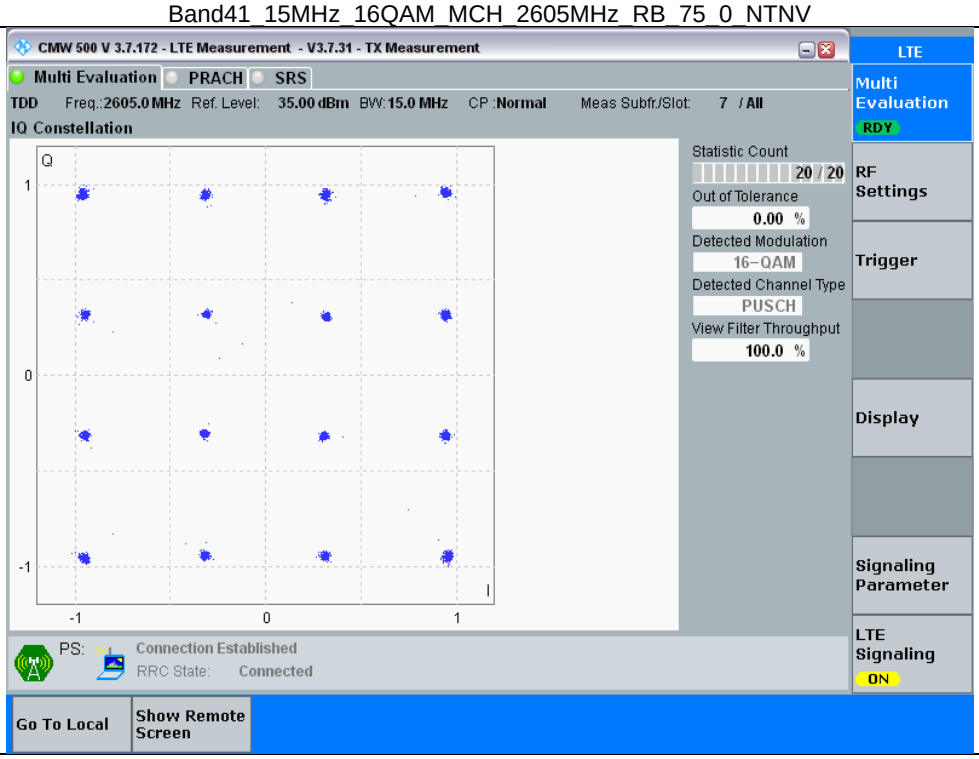
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



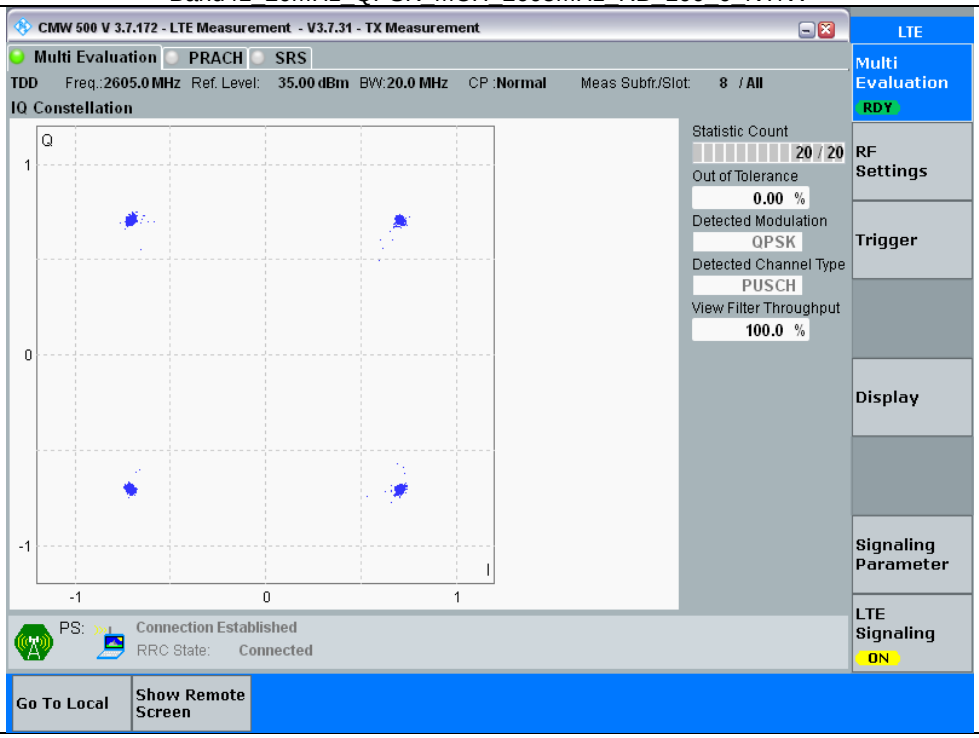
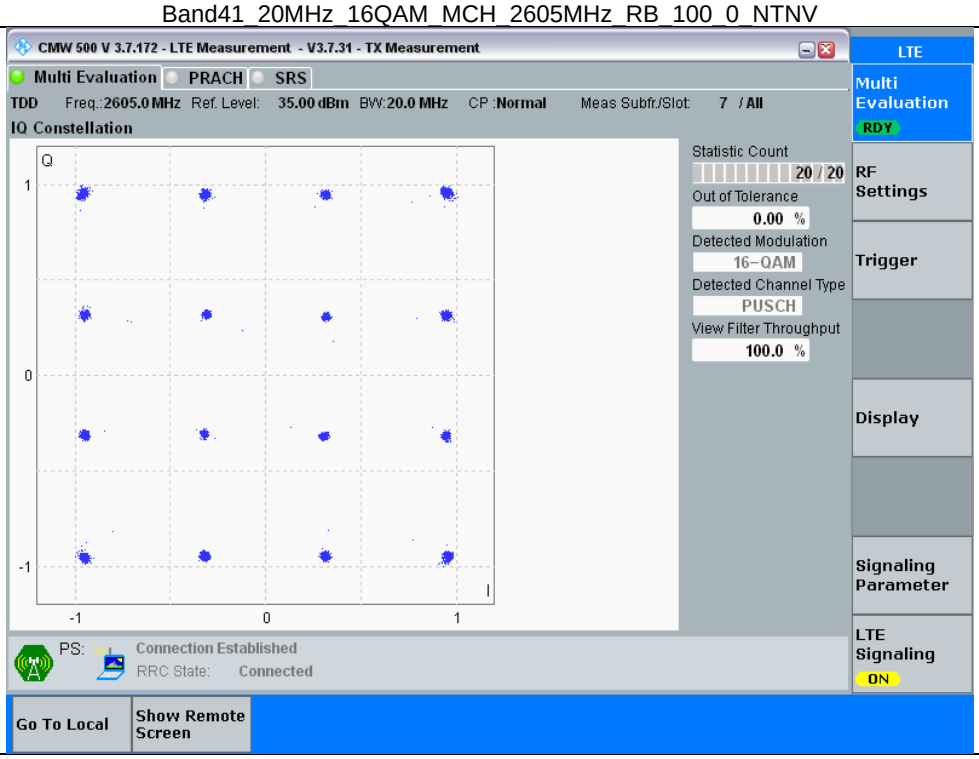
3.2.2 B41_10MHz

Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV

Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV


3.2.3 B41_15MHz

Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV

Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV


3.2.4 B41_20MHz

Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV

Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	4.552	/	Pass
		2605	25	0	4.545	/	Pass
		2652.5	25	0	4.557	/	Pass
	16QAM	2557.5	25	0	4.542	/	Pass
		2605	25	0	4.544	/	Pass
		2652.5	25	0	4.564	/	Pass
10	QPSK	2560	50	0	9.044	/	Pass
		2605	50	0	9.051	/	Pass
		2650	50	0	9.060	/	Pass
	16QAM	2560	50	0	9.057	/	Pass
		2605	50	0	9.048	/	Pass
		2650	50	0	9.059	/	Pass
15	QPSK	2562.5	75	0	13.607	/	Pass
		2605	75	0	13.547	/	Pass
		2647.5	75	0	13.550	/	Pass
	16QAM	2562.5	75	0	13.599	/	Pass
		2605	75	0	13.617	/	Pass
		2647.5	75	0	13.590	/	Pass
20	QPSK	2565	100	0	18.088	/	Pass
		2605	100	0	18.068	/	Pass
		2645	100	0	17.982	/	Pass
	16QAM	2565	100	0	18.028	/	Pass
		2605	100	0	18.110	/	Pass
		2645	100	0	18.052	/	Pass

4.1.2 Band41_XDB

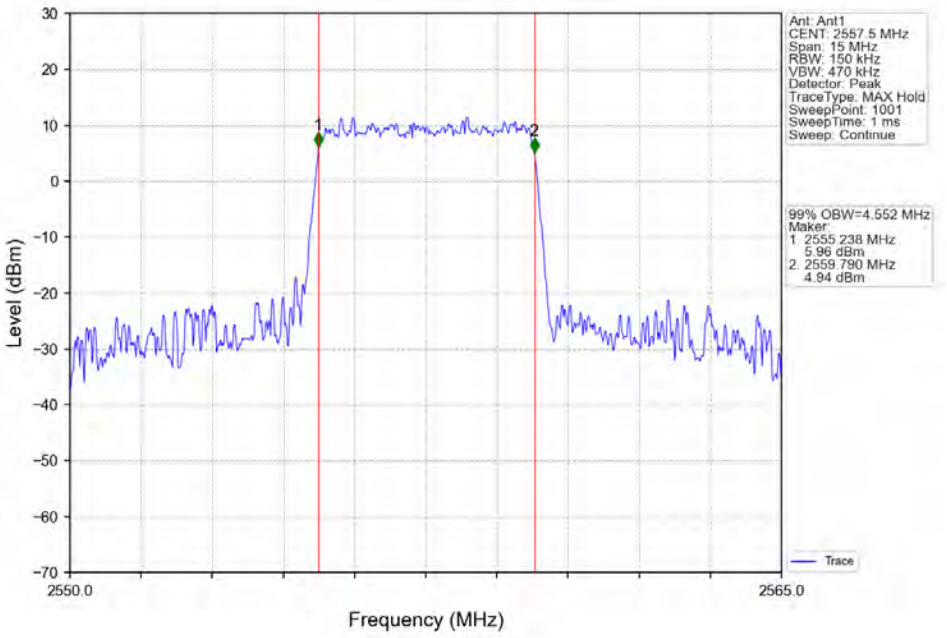
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2557.5	25	0	4.987	/	Pass
		2605	25	0	5.280	/	Pass
		2652.5	25	0	5.085	/	Pass
	16QAM	2557.5	25	0	5.065	/	Pass
		2605	25	0	5.015	/	Pass
		2652.5	25	0	5.140	/	Pass
10	QPSK	2560	50	0	9.916	/	Pass
		2605	50	0	9.860	/	Pass
		2650	50	0	9.911	/	Pass
	16QAM	2560	50	0	9.889	/	Pass
		2605	50	0	10.001	/	Pass
		2650	50	0	10.296	/	Pass
15	QPSK	2562.5	75	0	16.834	/	Pass

		2605	75	0	14.769	/	Pass
		2647.5	75	0	14.777	/	Pass
	16QAM	2562.5	75	0	14.993	/	Pass
		2605	75	0	19.253	/	Pass
		2647.5	75	0	15.477	/	Pass
20	QPSK	2565	100	0	19.708	/	Pass
		2605	100	0	19.872	/	Pass
		2645	100	0	19.619	/	Pass
	16QAM	2565	100	0	19.599	/	Pass
		2605	100	0	19.740	/	Pass
		2645	100	0	19.834	/	Pass

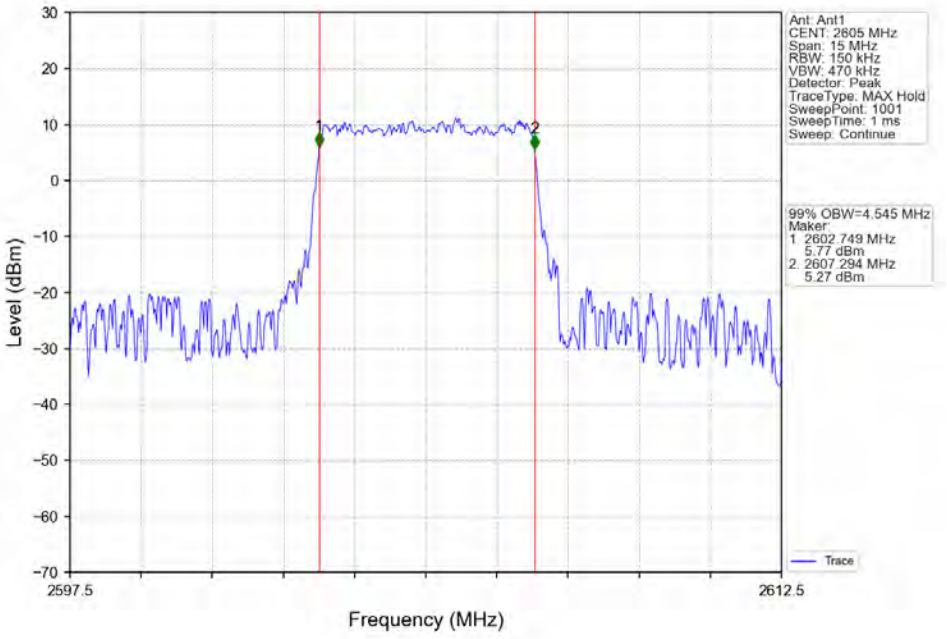
4.2 Test Graph

4.2.1 Band41_OBW

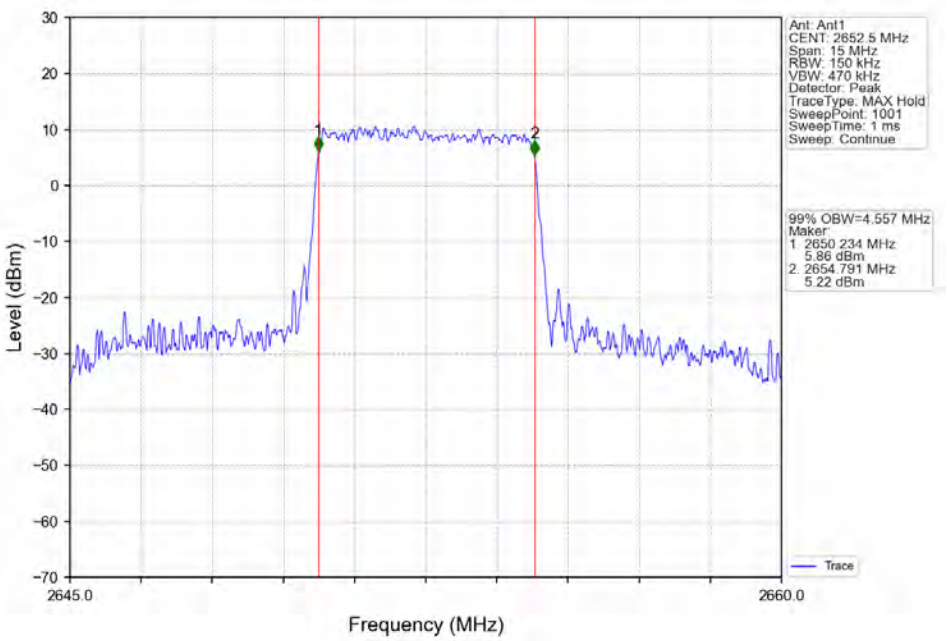
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV



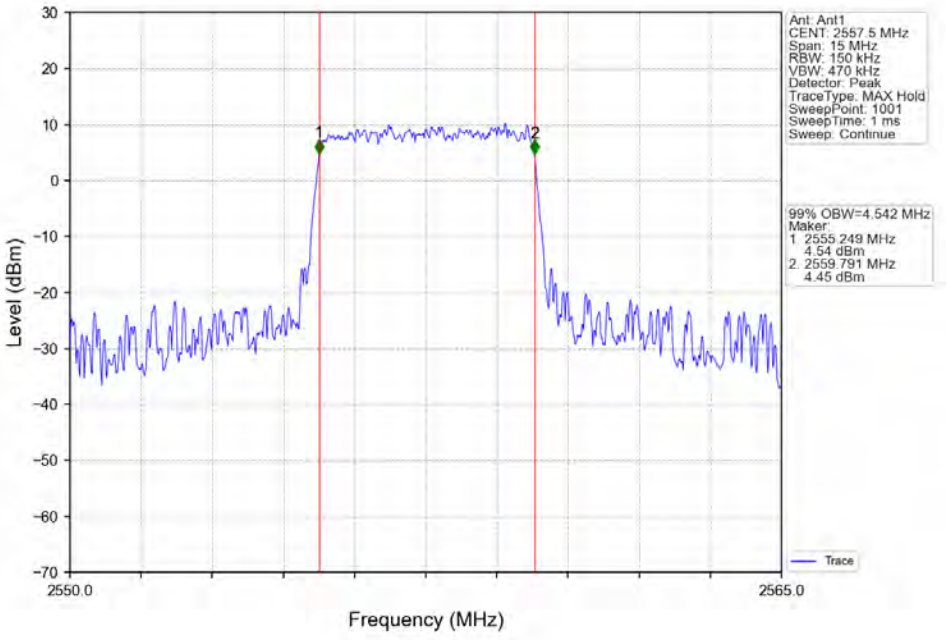
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



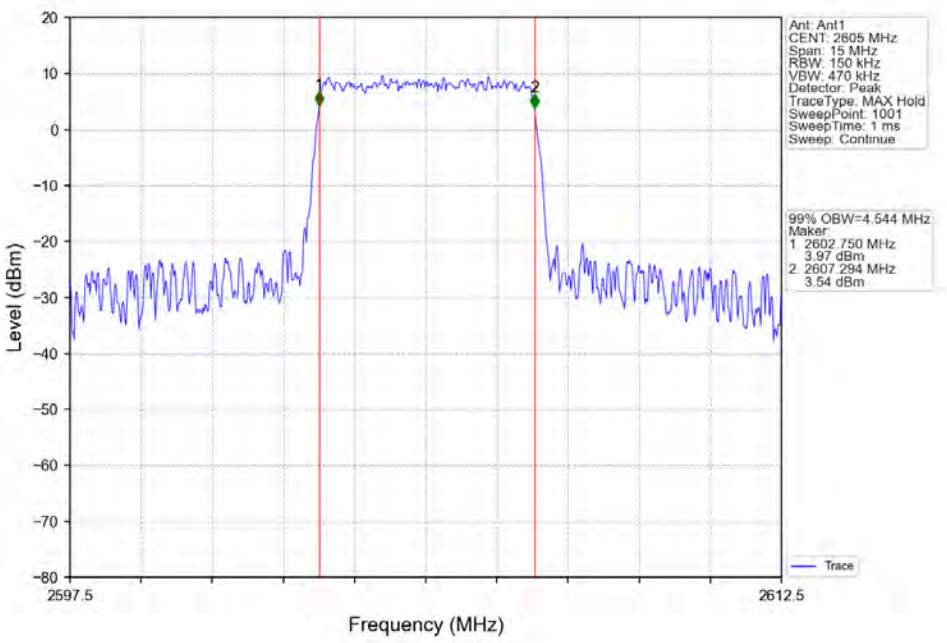
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



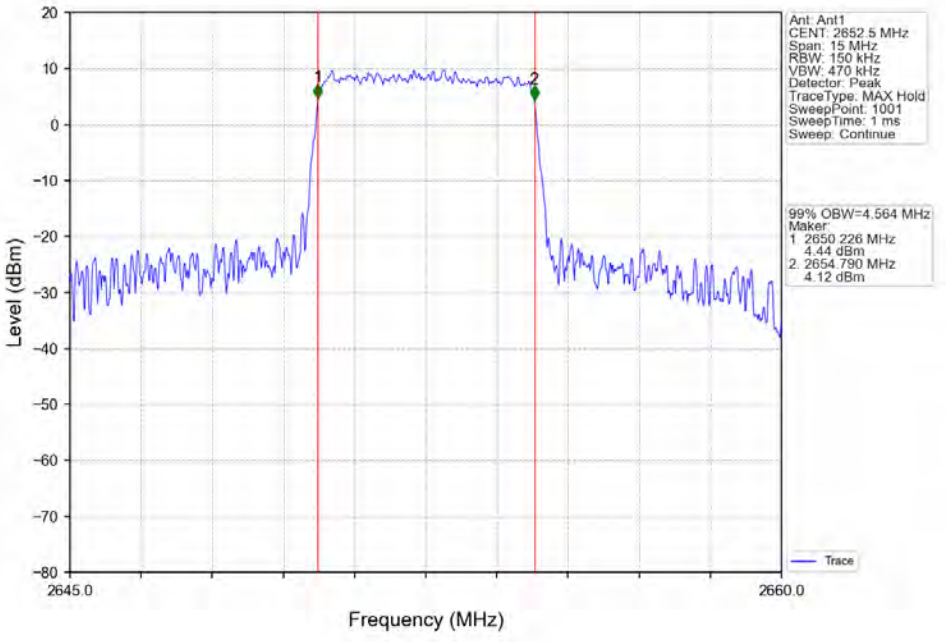
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



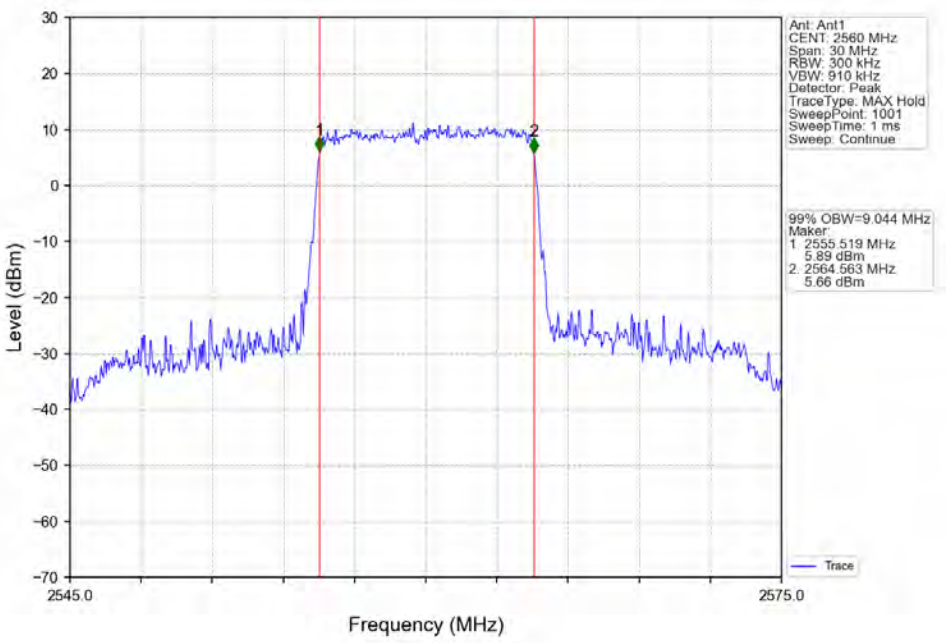
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



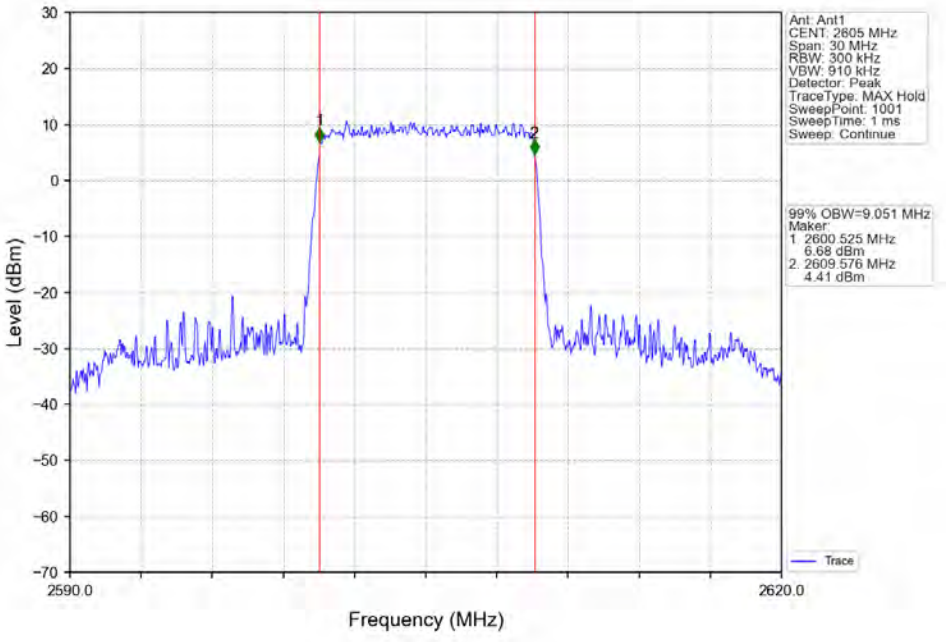
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



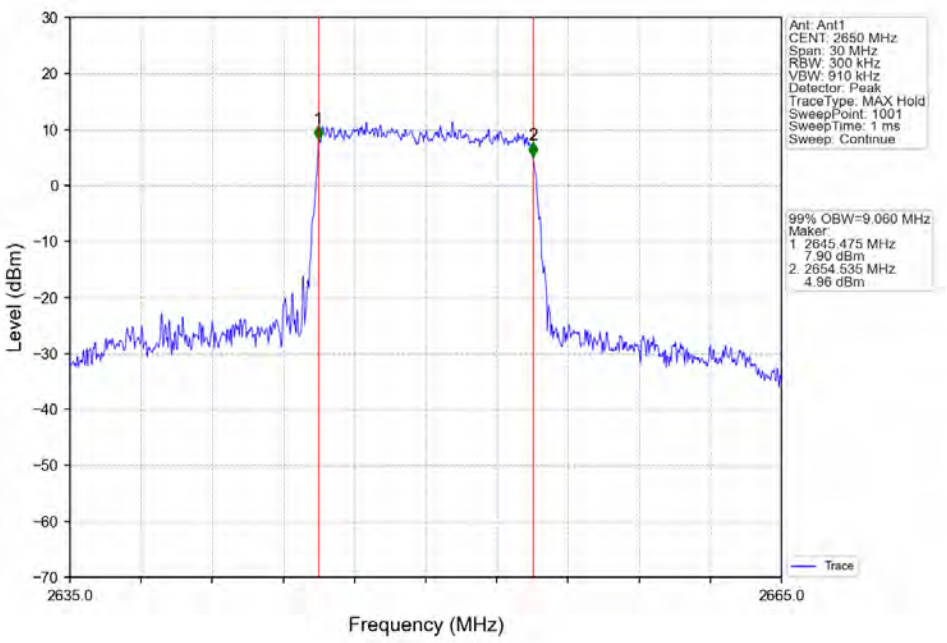
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



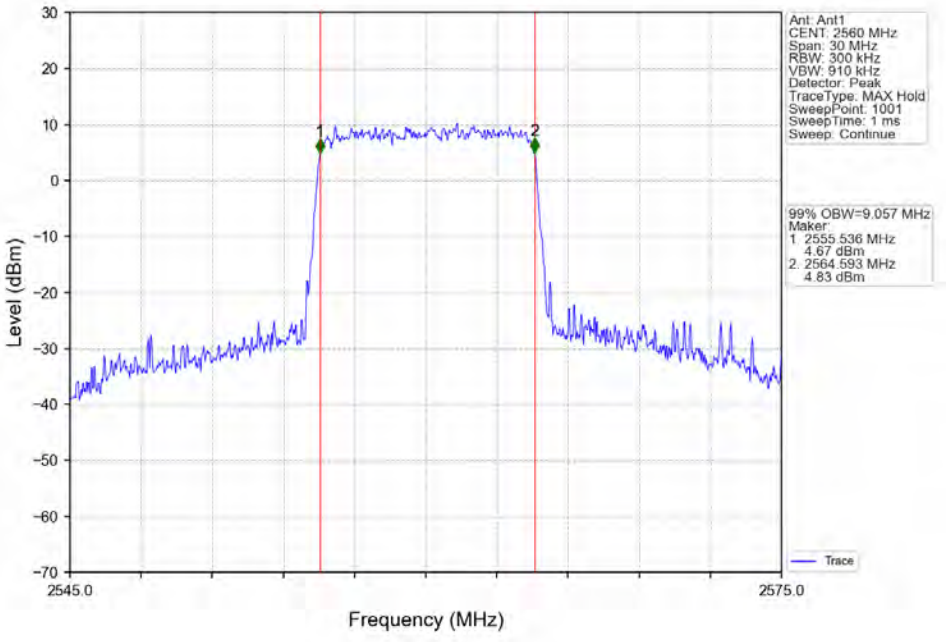
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



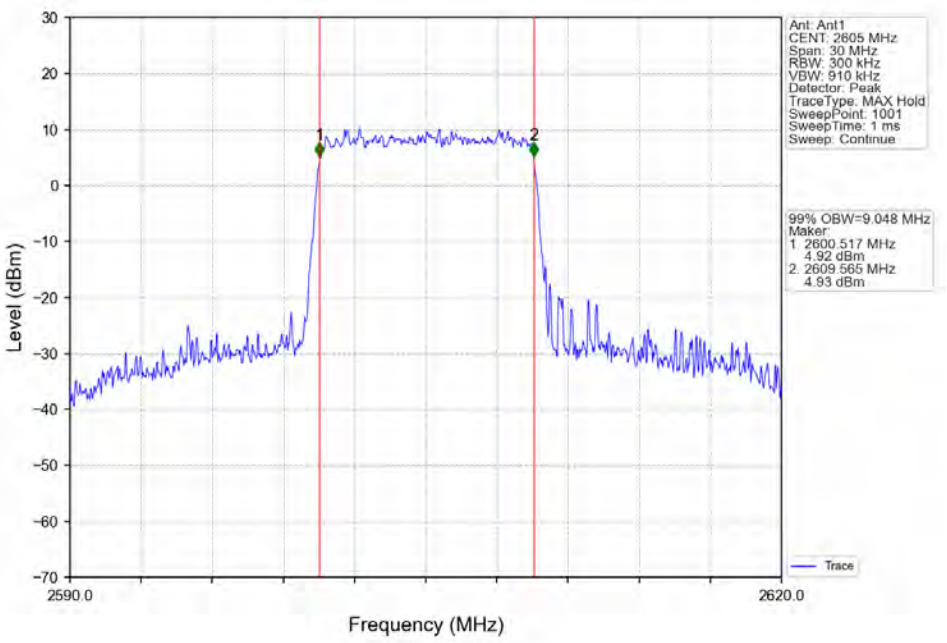
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



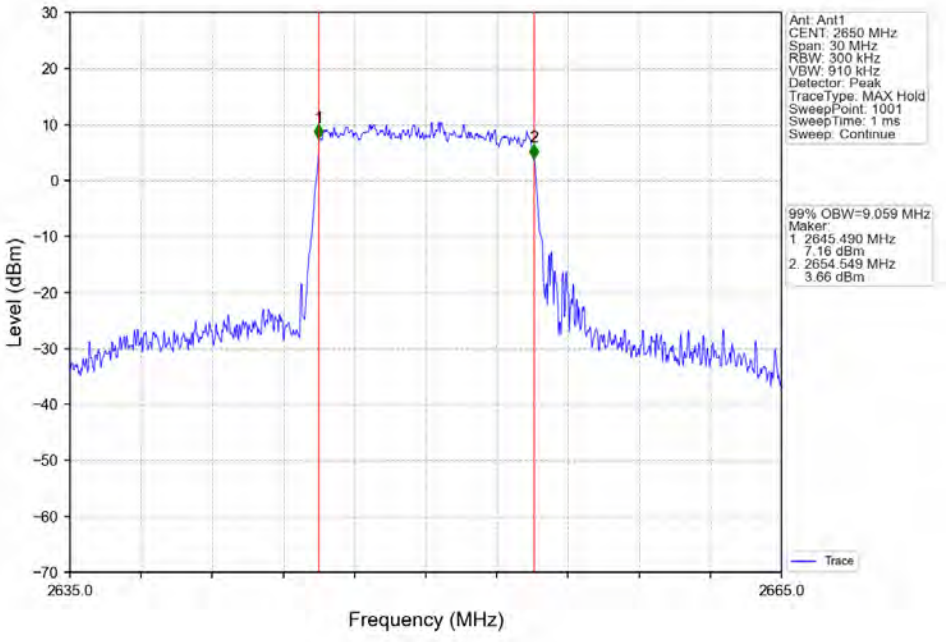
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



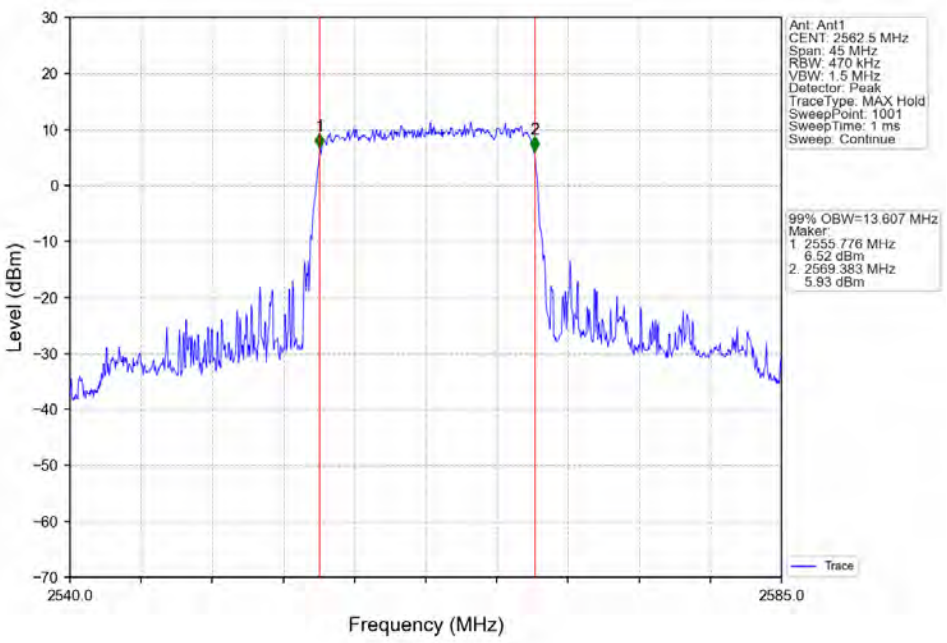
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



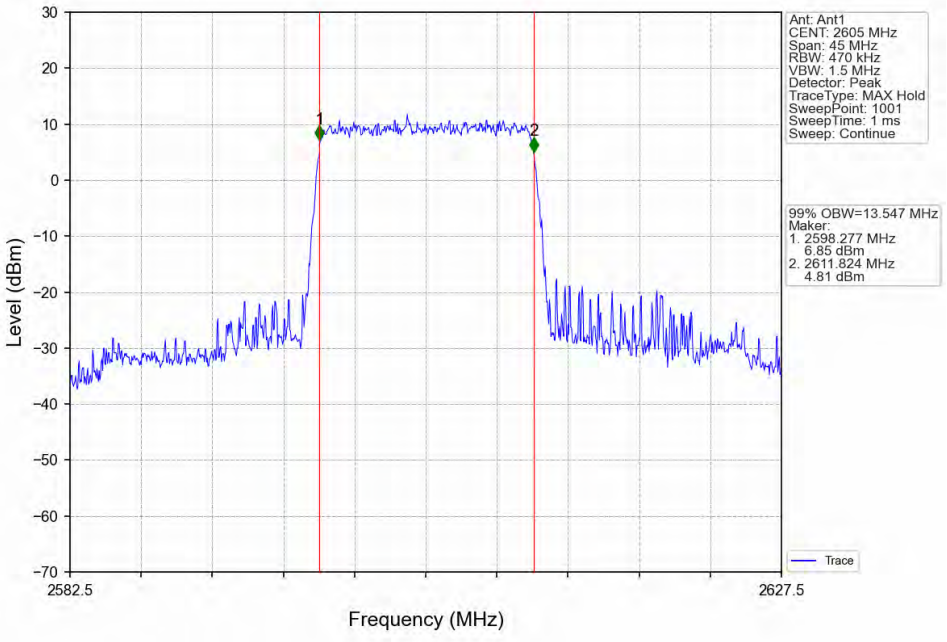
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



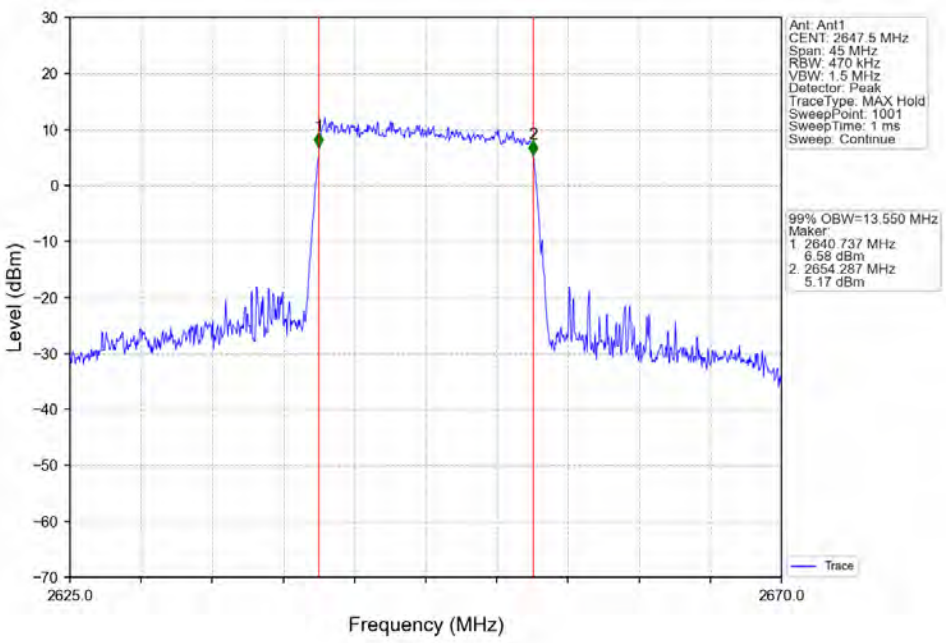
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



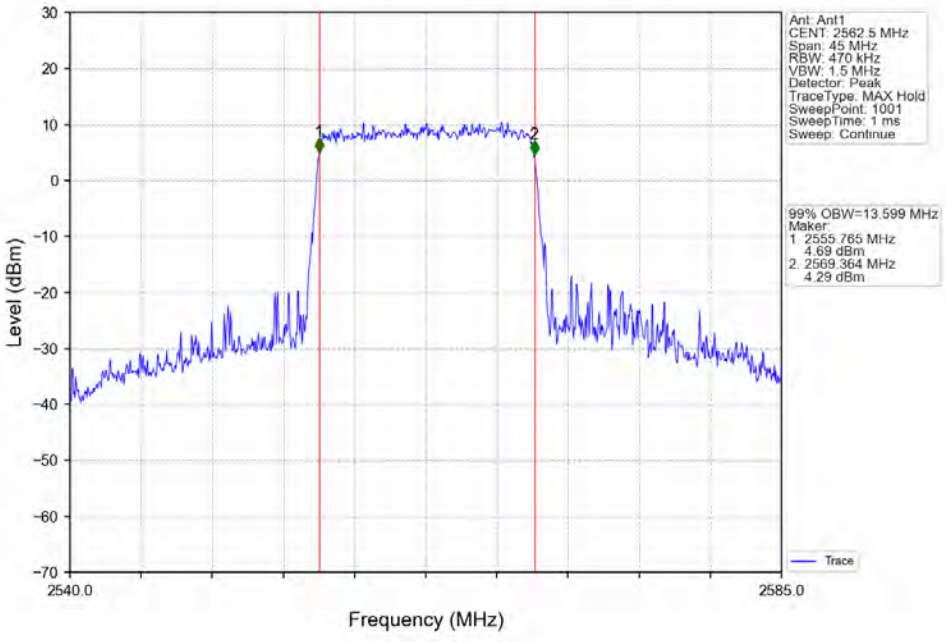
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



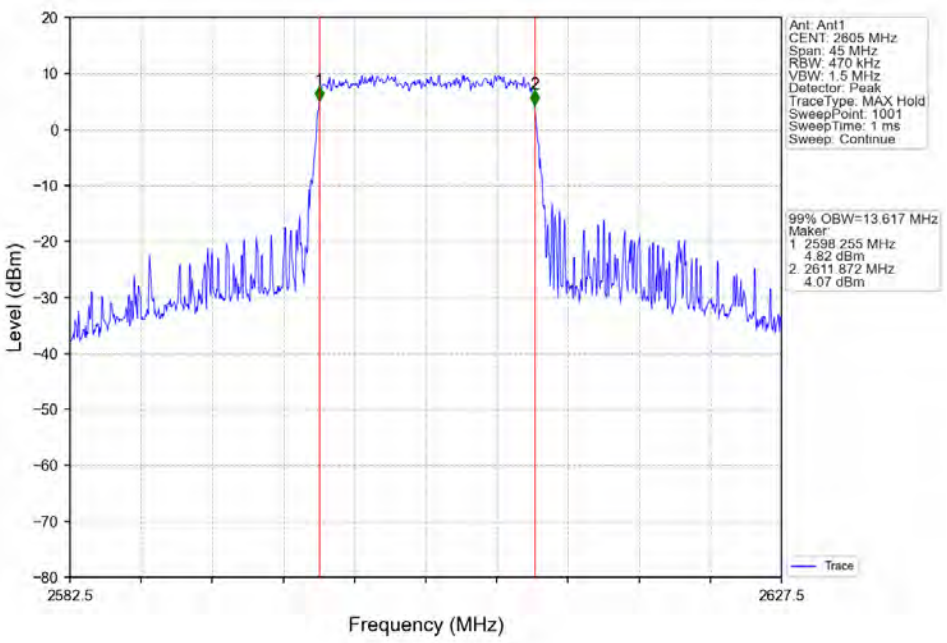
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



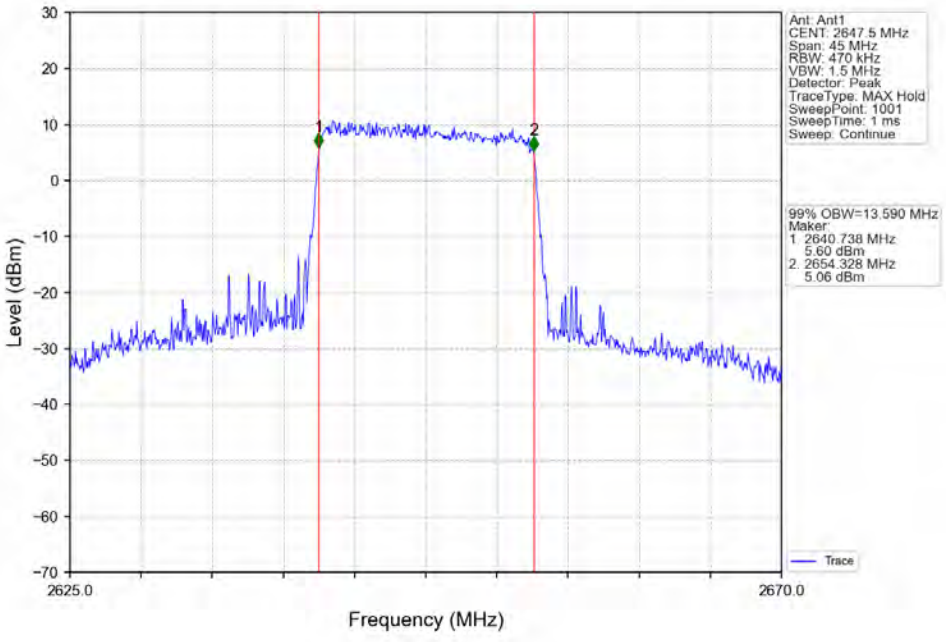
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



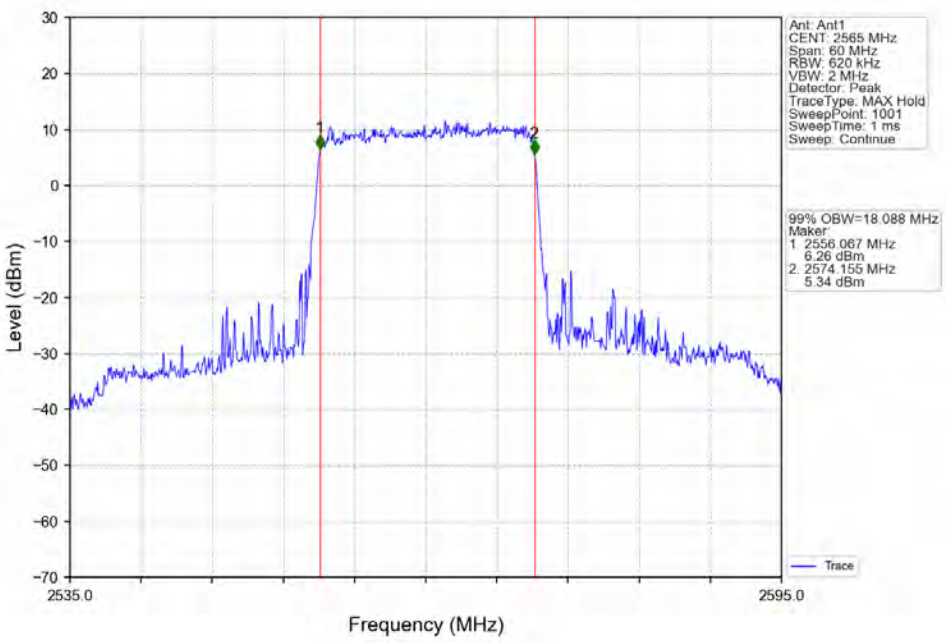
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



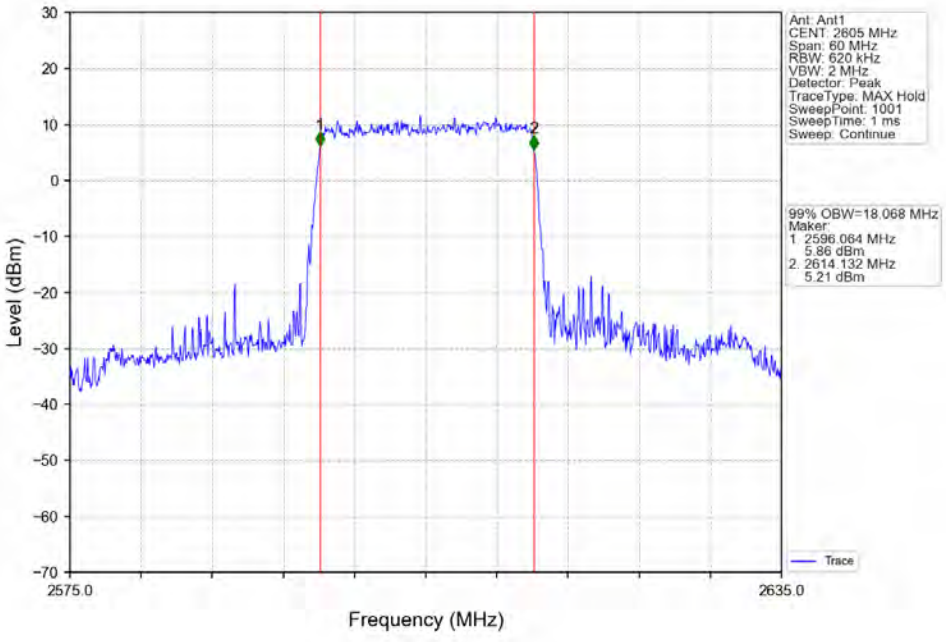
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



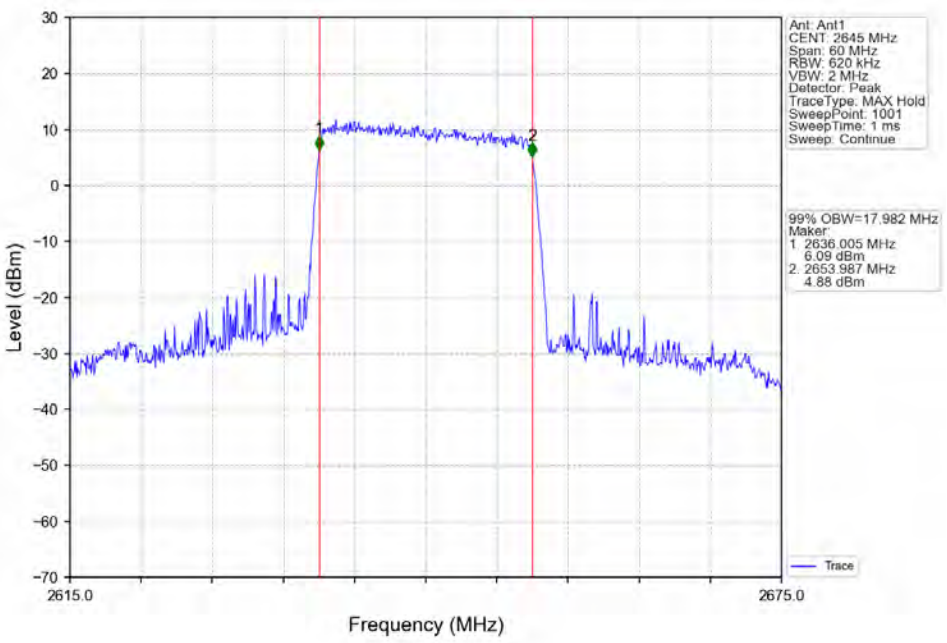
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



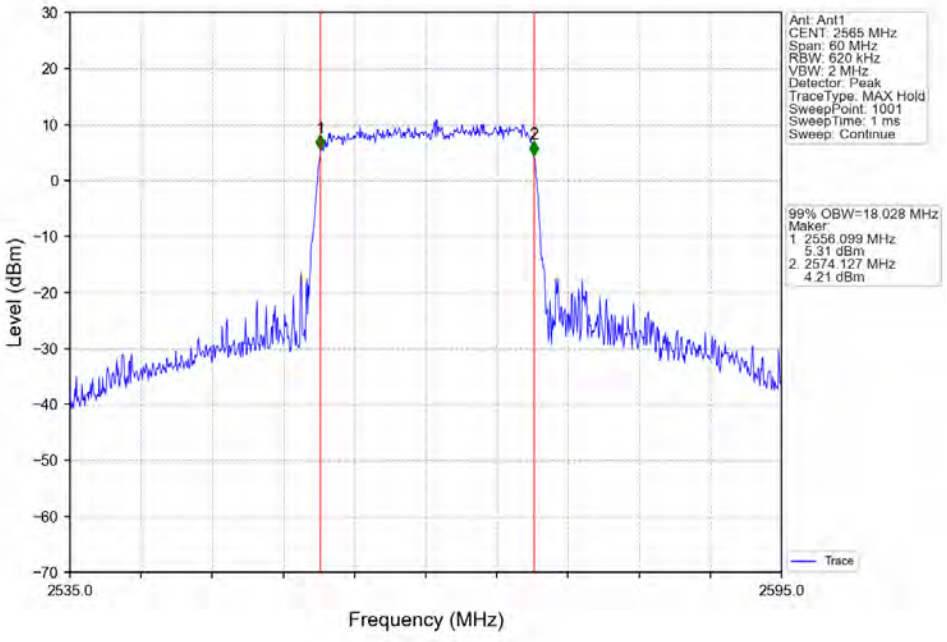
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



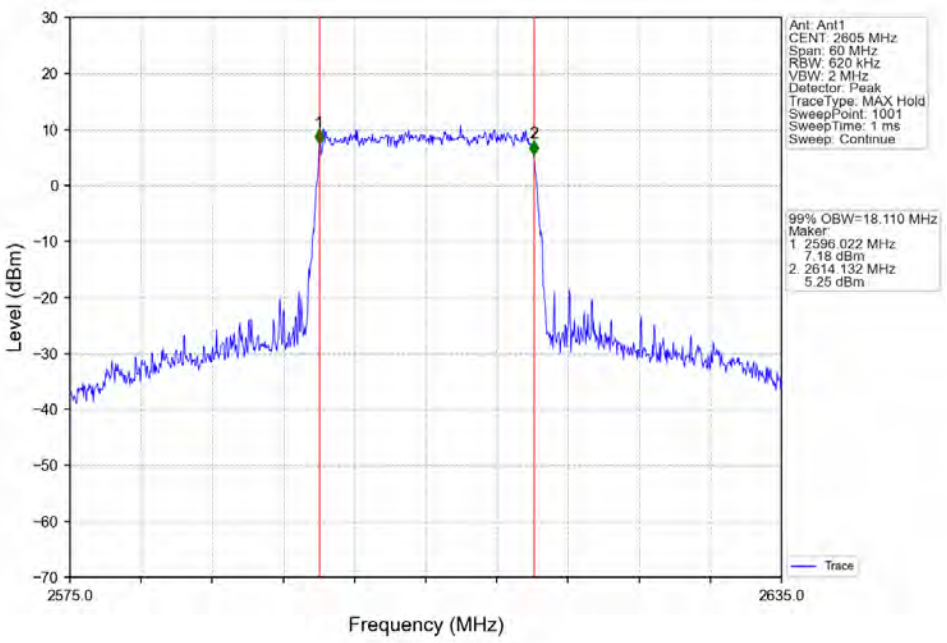
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



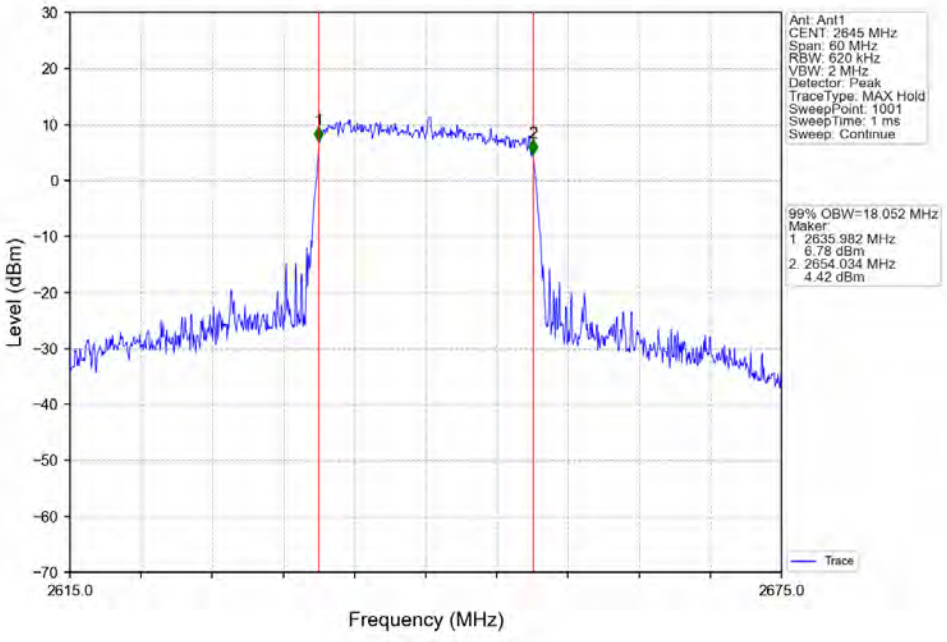
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV

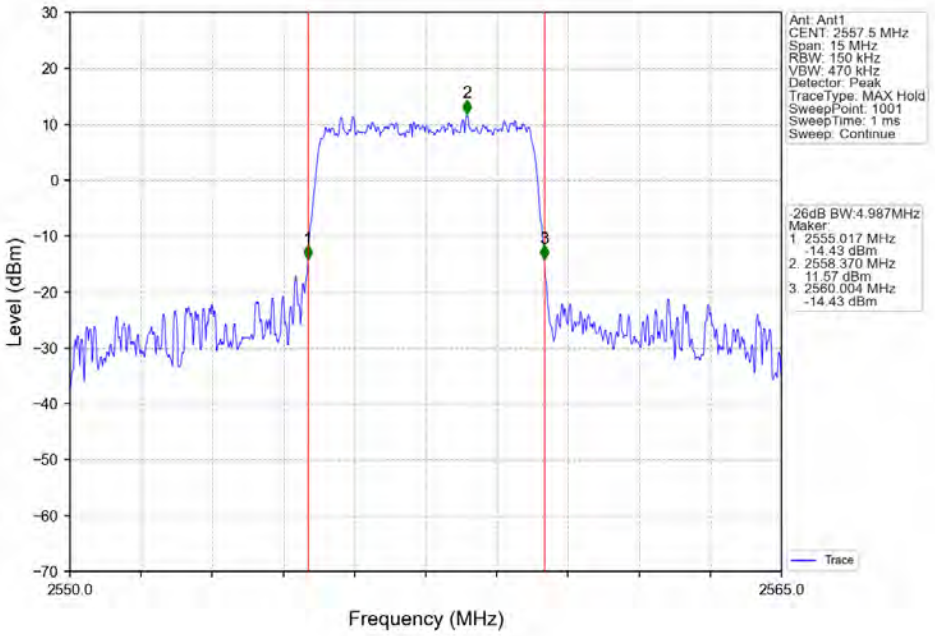


Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV

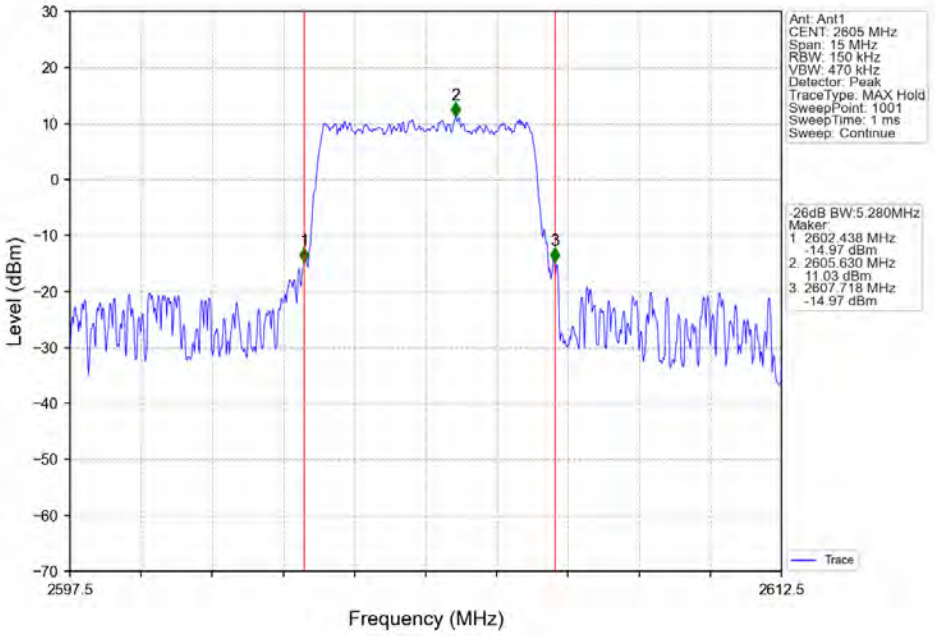


4.2.2 Band41_XDB

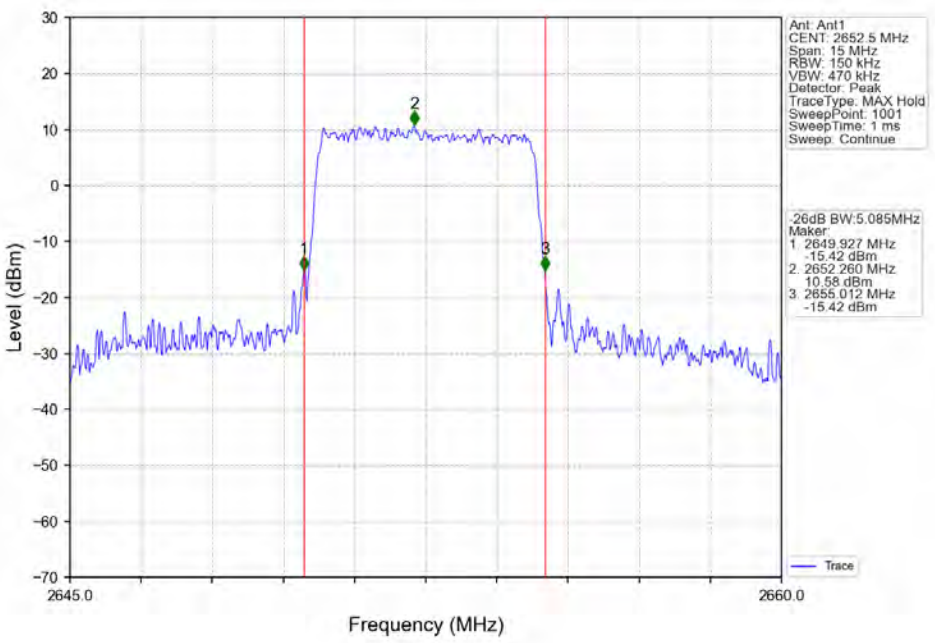
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV



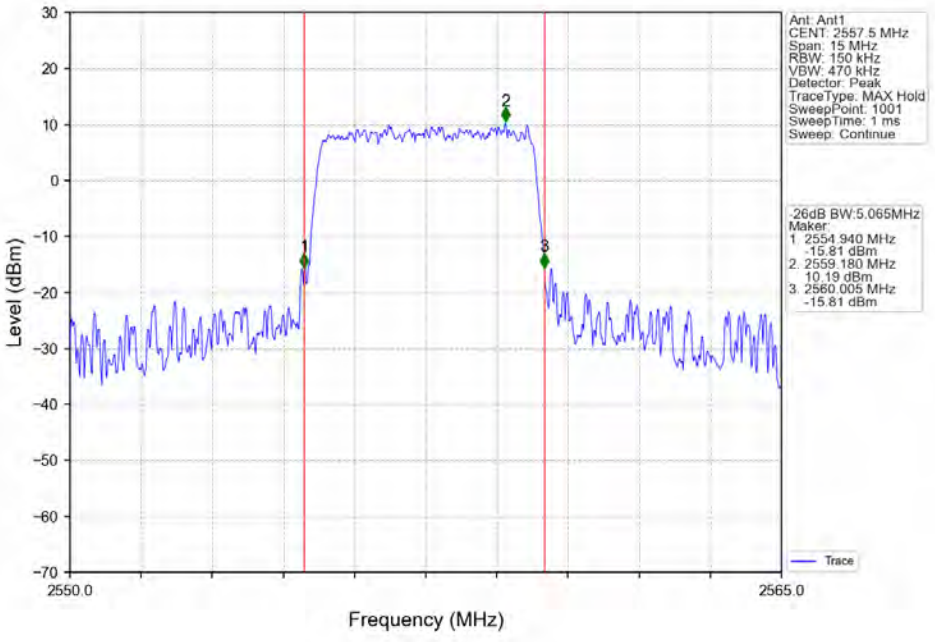
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



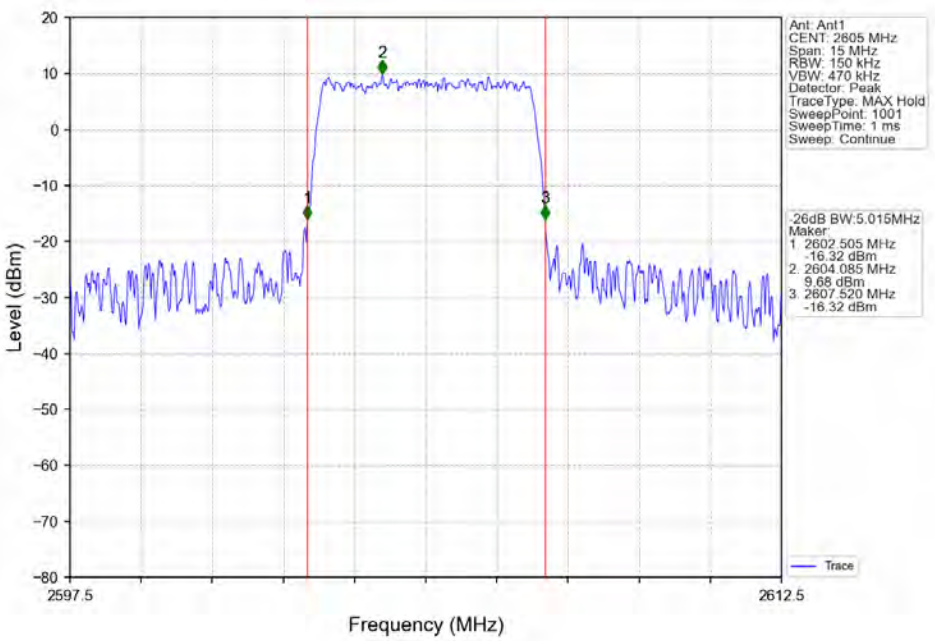
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



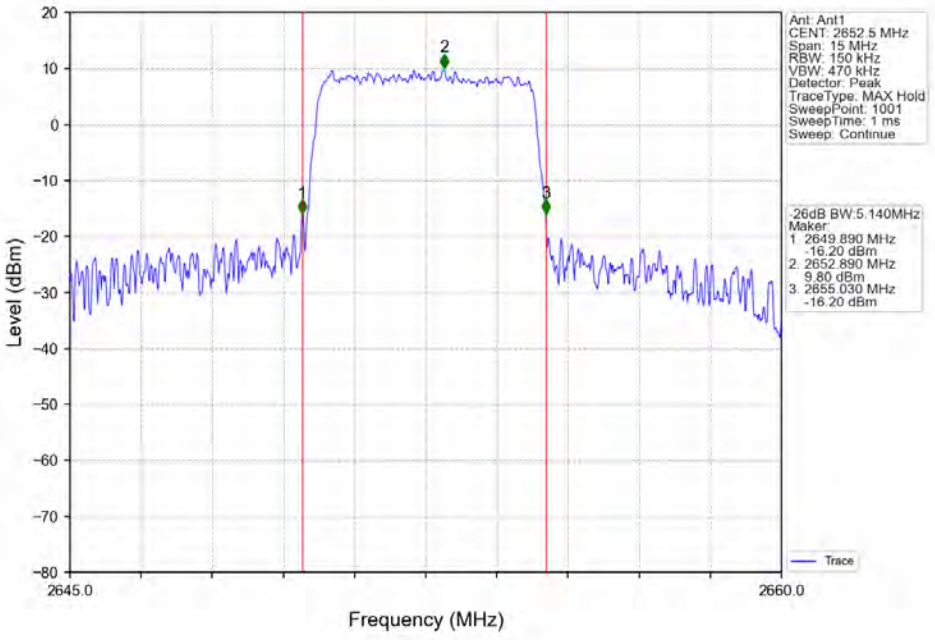
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



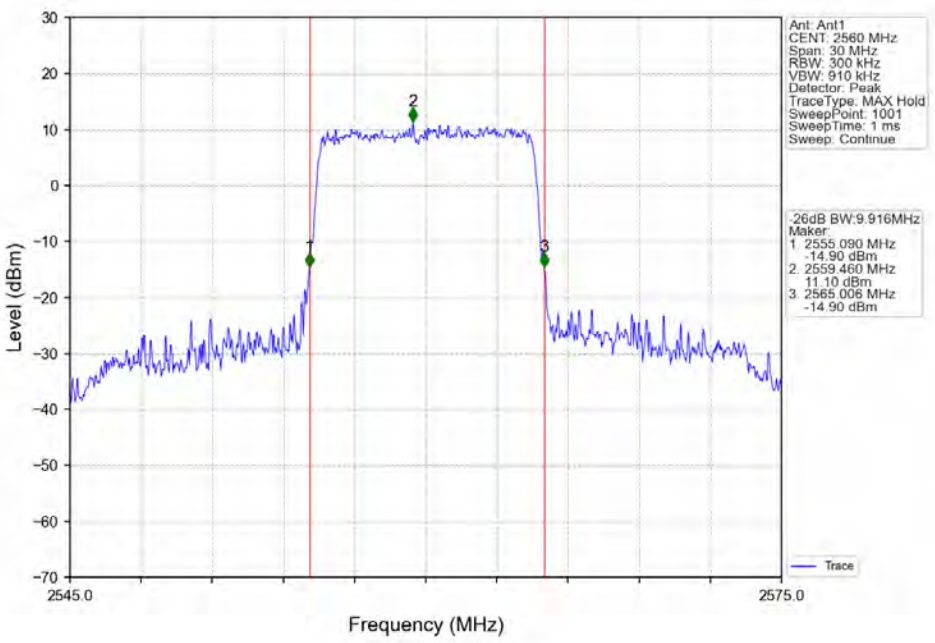
Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV



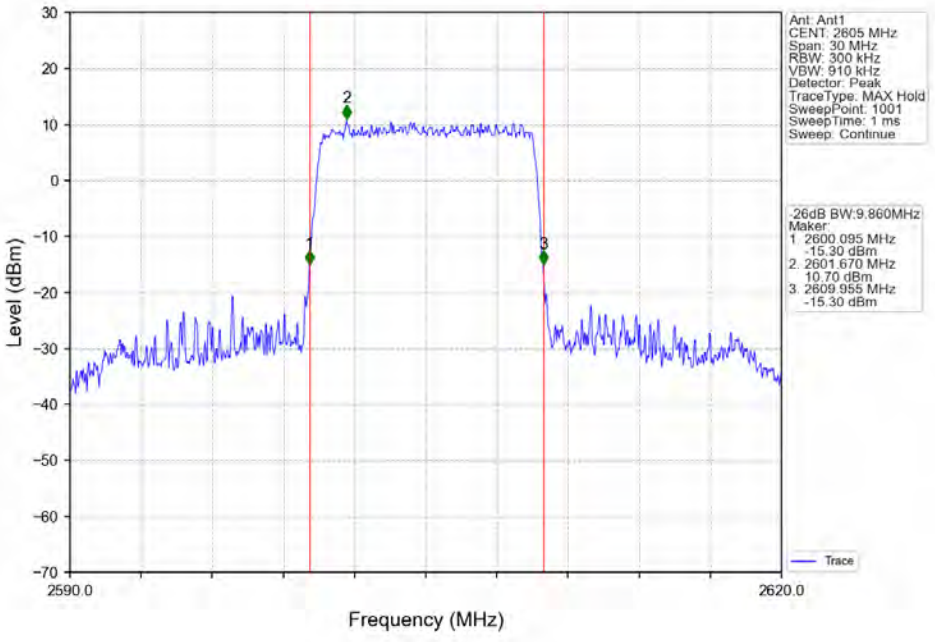
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



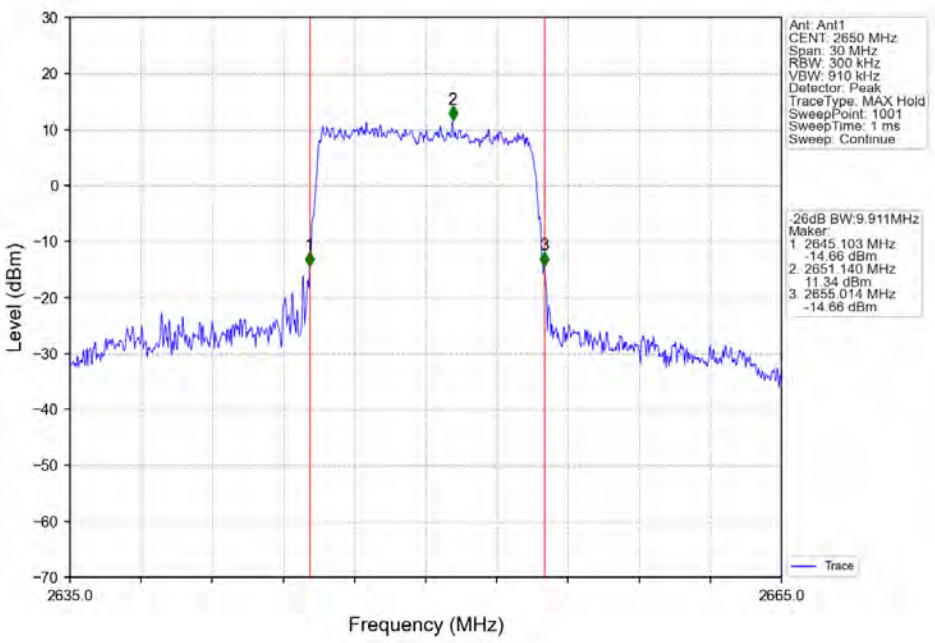
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



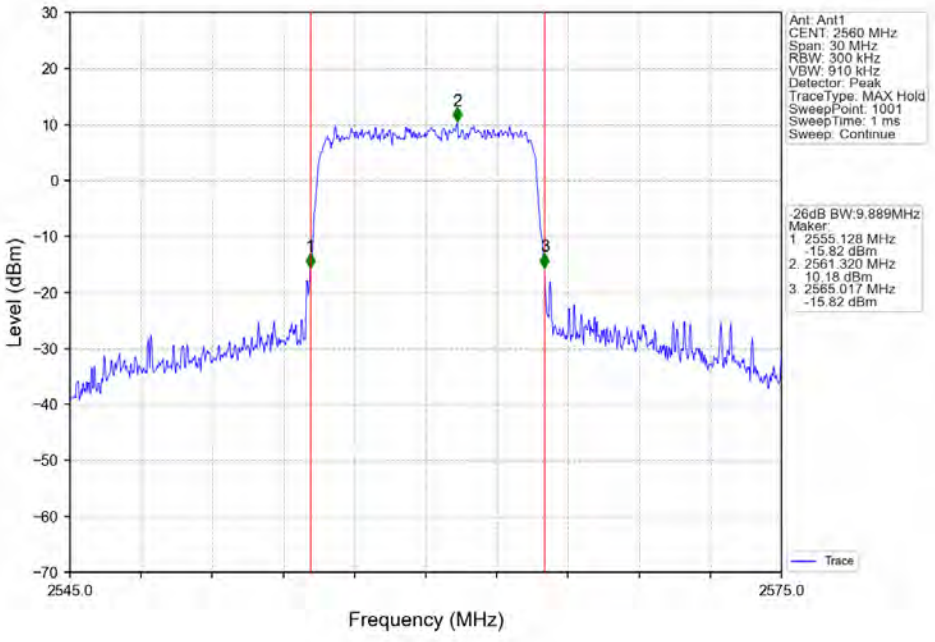
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



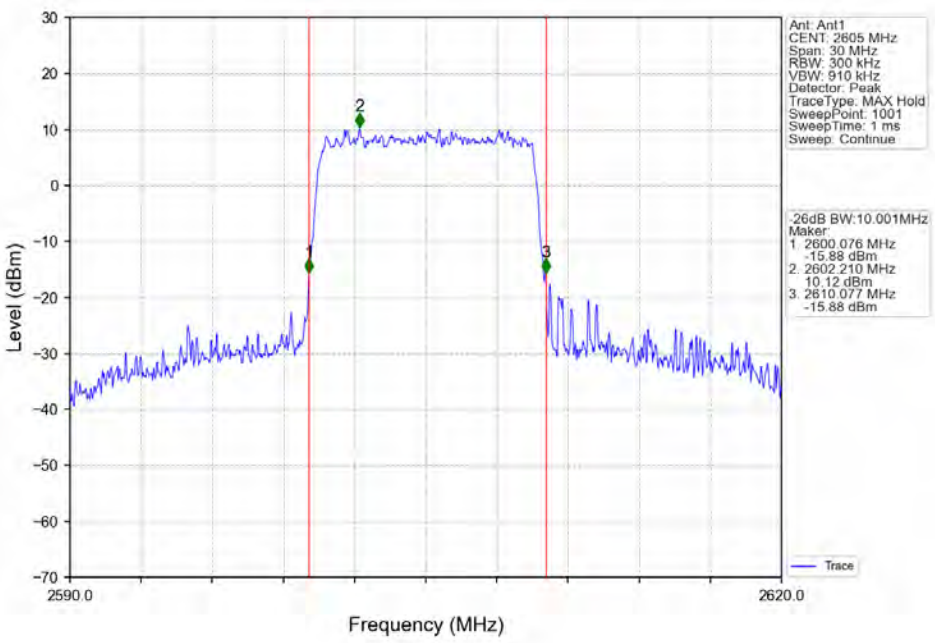
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



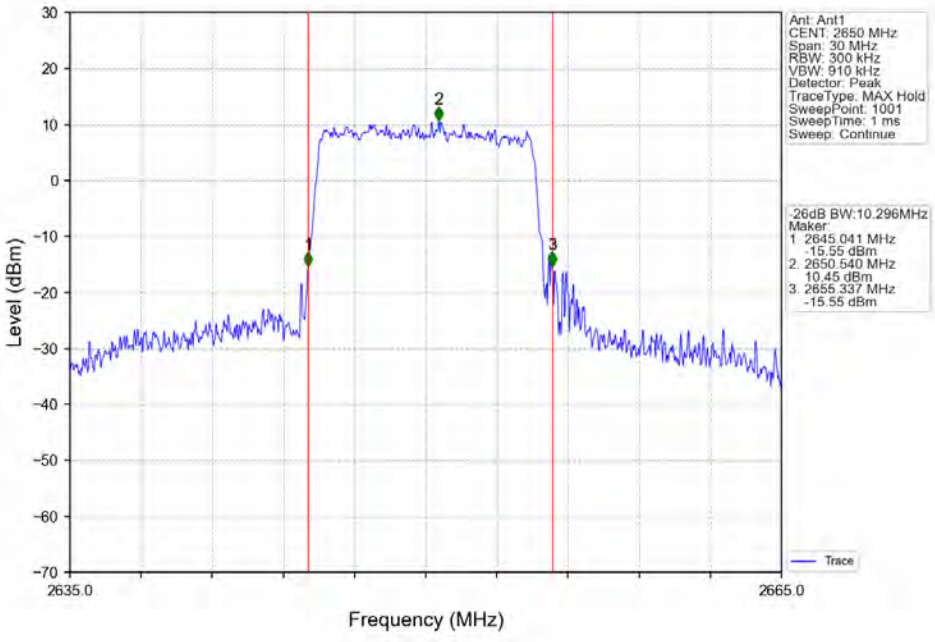
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



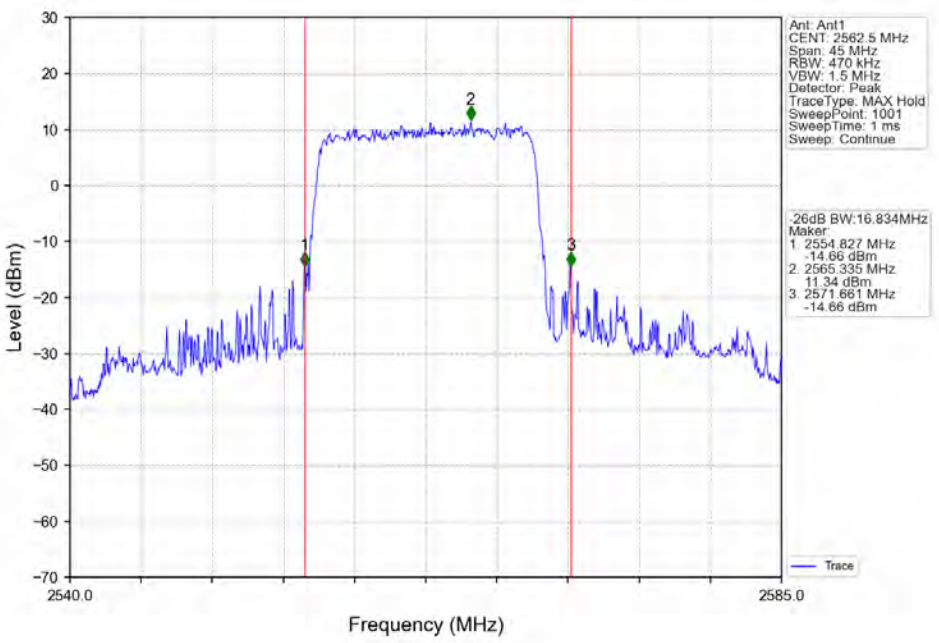
Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV



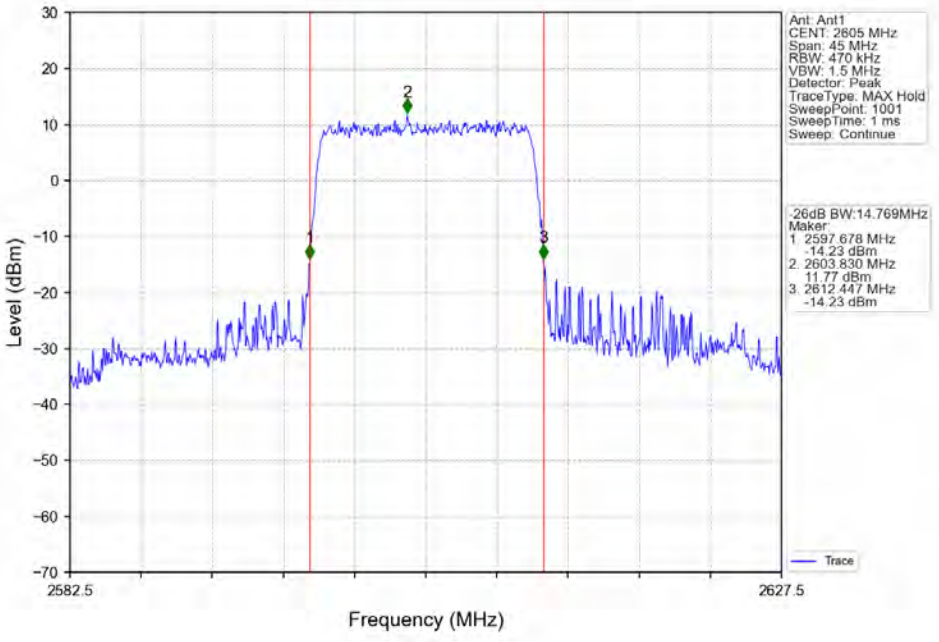
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



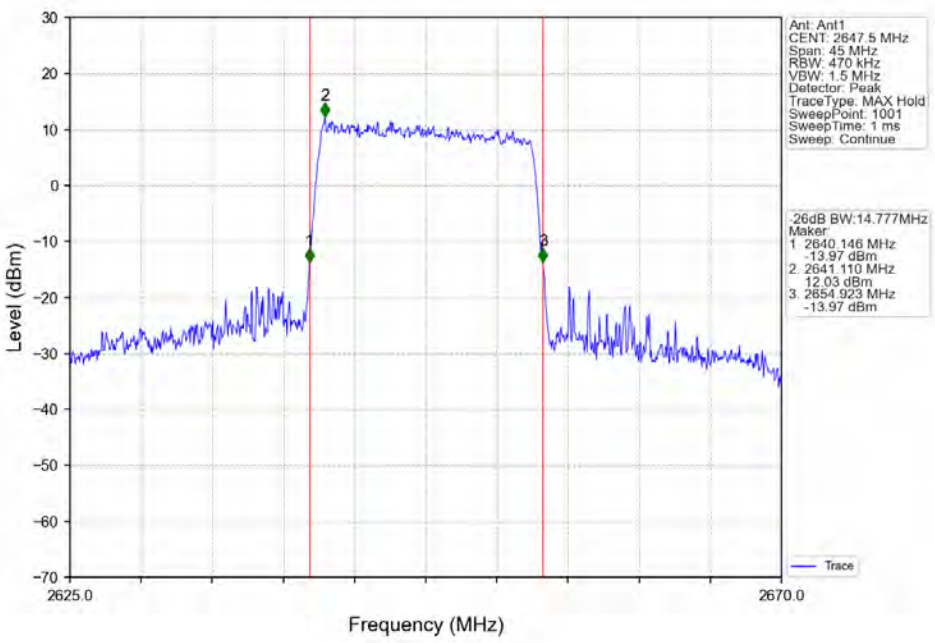
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



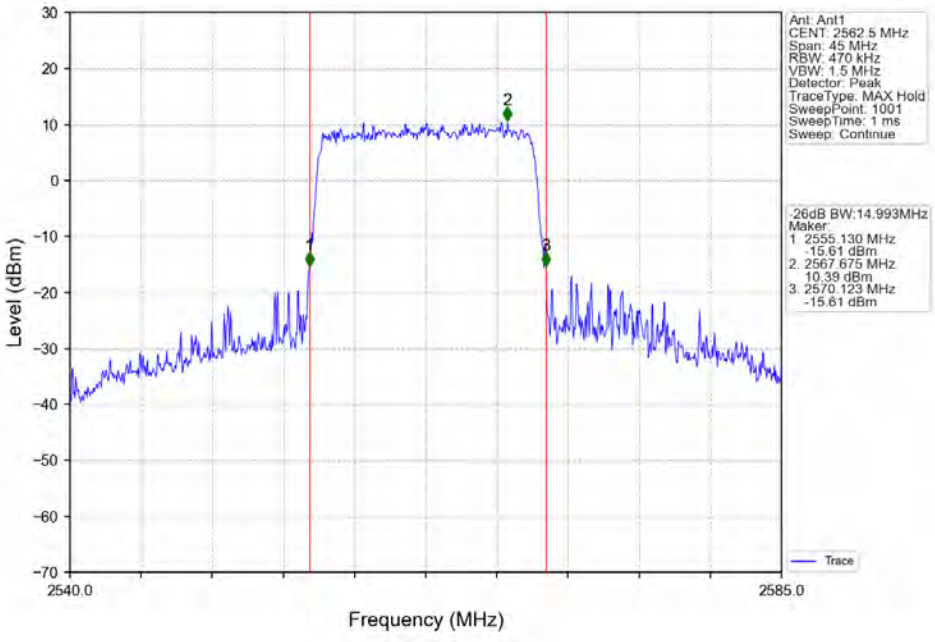
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



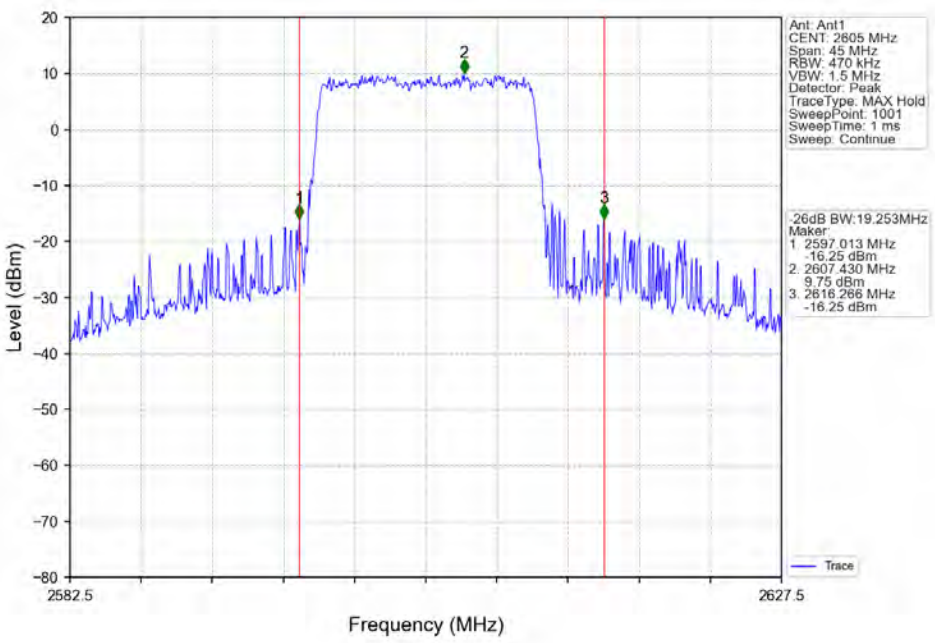
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



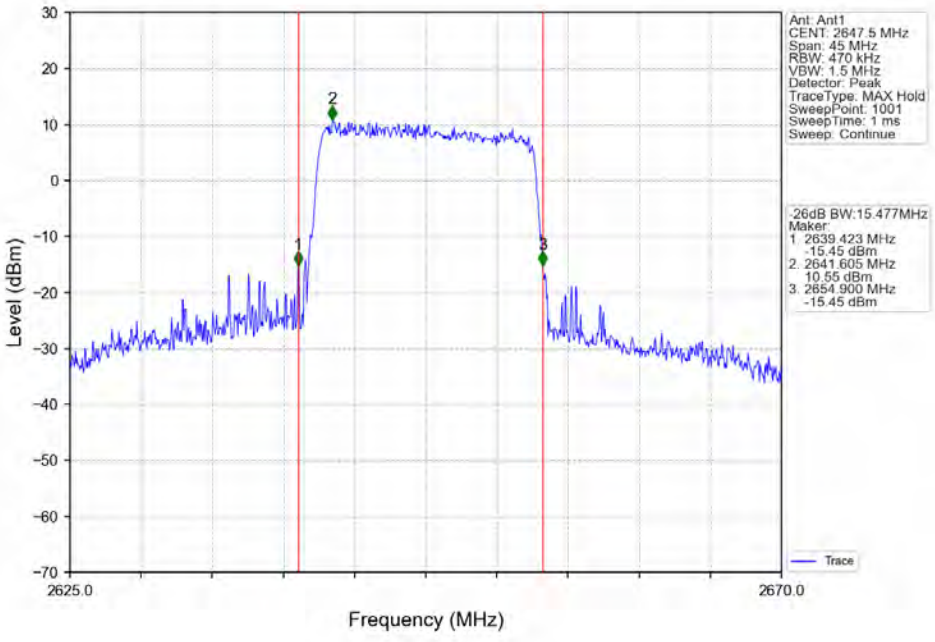
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



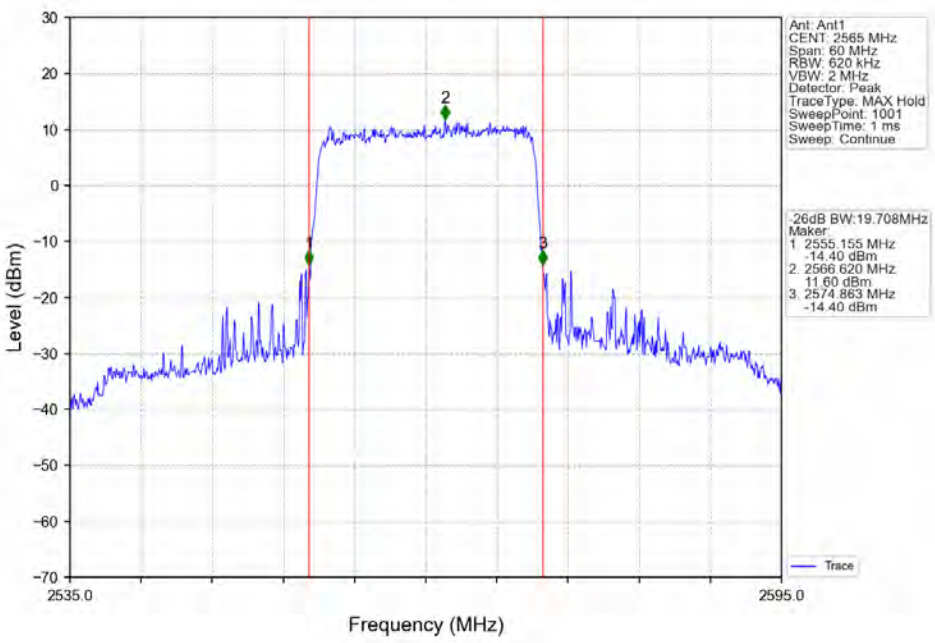
Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV



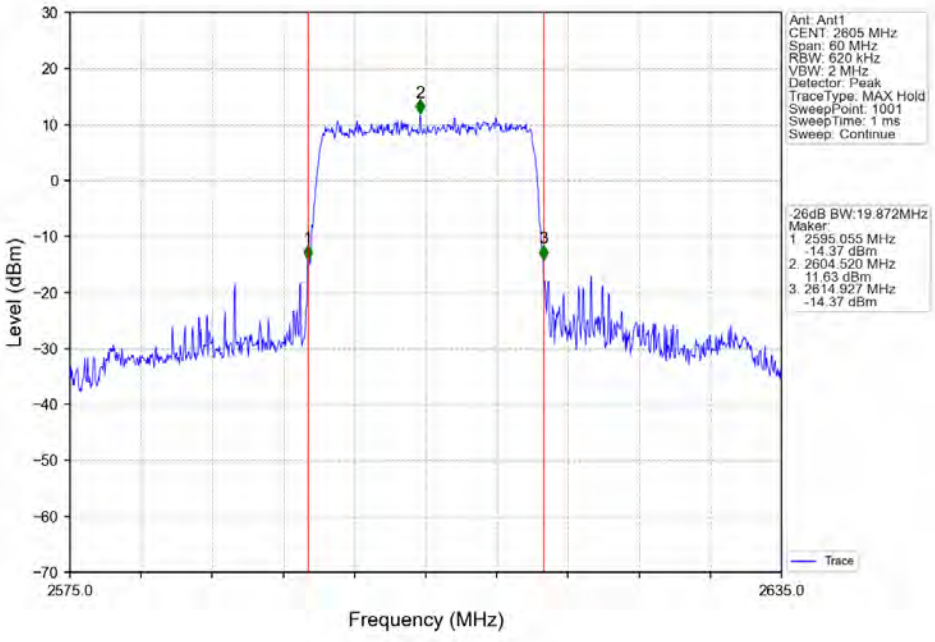
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



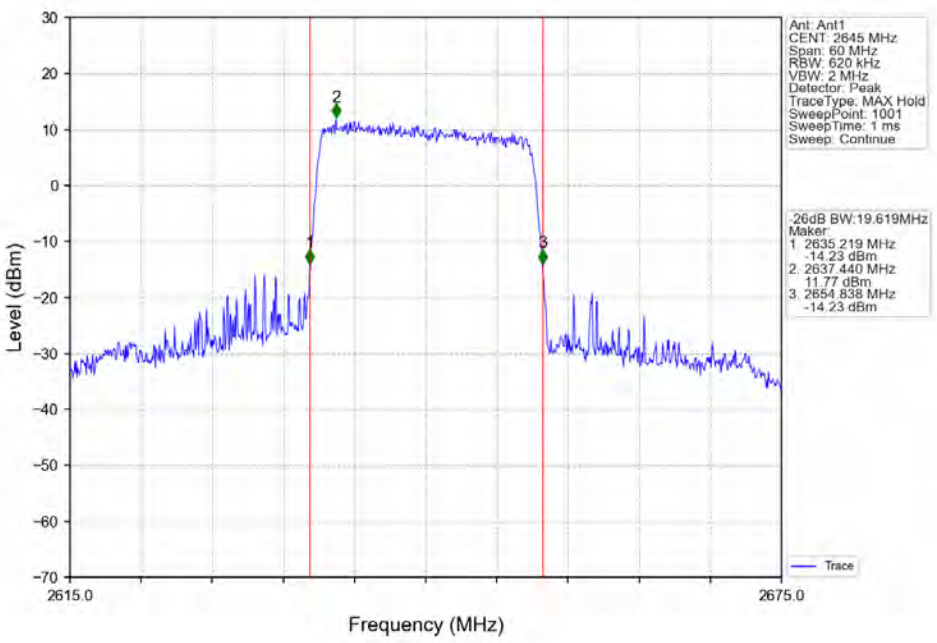
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



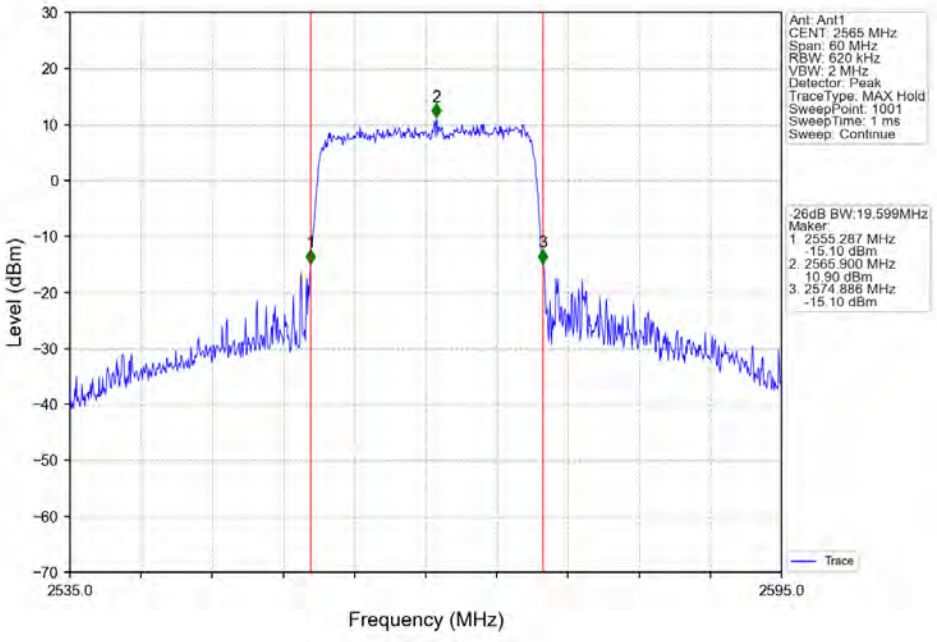
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



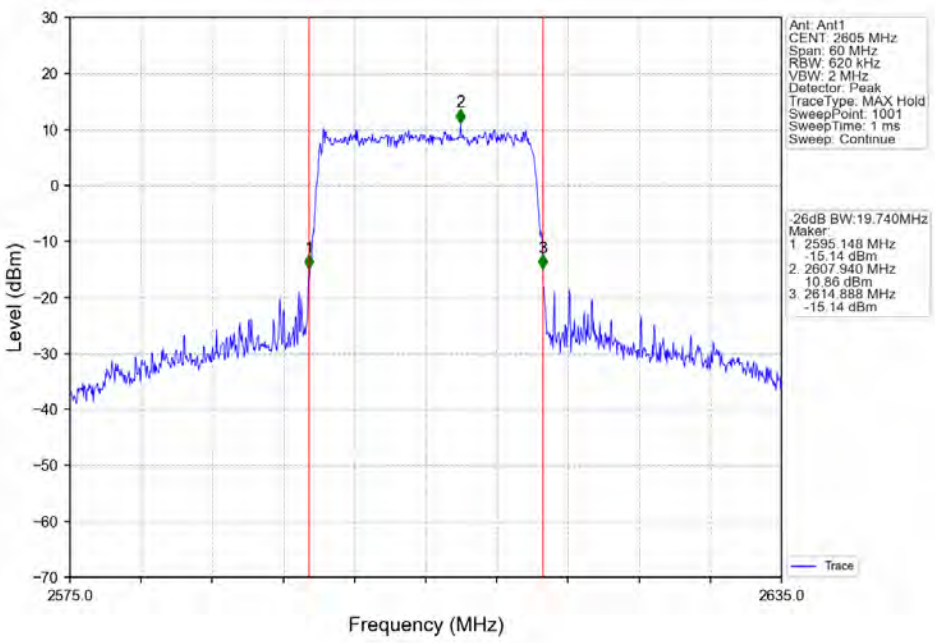
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



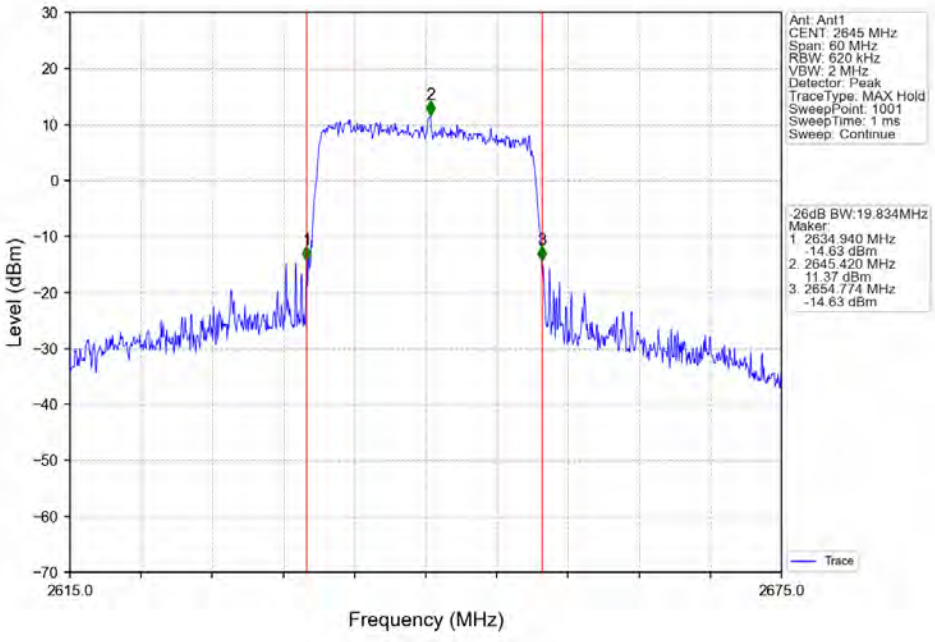
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	25	0	7.74	<=13	Pass
	2605	25	0	7.91	<=13	Pass
	2652.5	25	0	7.61	<=13	Pass
16QAM	2557.5	25	0	8.40	<=13	Pass
	2605	25	0	8.56	<=13	Pass
	2652.5	25	0	8.14	<=13	Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	50	0	7.68	<=13	Pass
	2605	50	0	7.81	<=13	Pass
	2650	50	0	7.46	<=13	Pass
16QAM	2560	50	0	8.42	<=13	Pass
	2605	50	0	8.65	<=13	Pass
	2650	50	0	8.29	<=13	Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	75	0	7.15	<=13	Pass
	2605	75	0	7.10	<=13	Pass
	2647.5	75	0	7.25	<=13	Pass
16QAM	2562.5	75	0	8.56	<=13	Pass
	2605	75	0	8.19	<=13	Pass
	2647.5	75	0	8.22	<=13	Pass

5.1.4 B41_20MHz

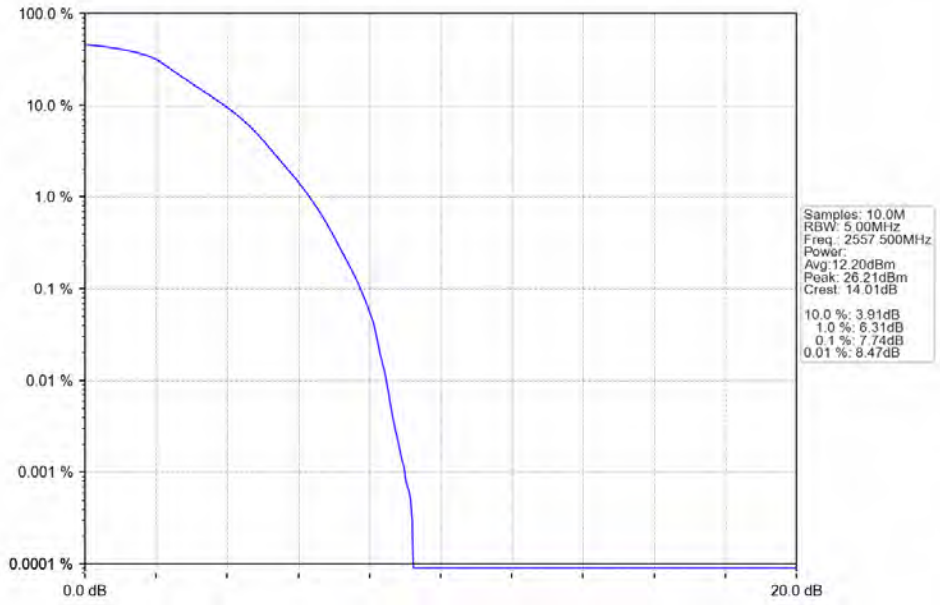
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	100	0	7.65	<=13	Pass
	2605	100	0	7.86	<=13	Pass
	2645	100	0	7.82	<=13	Pass
16QAM	2565	100	0	8.86	<=13	Pass

	2605	100	0	8.72	<=13	Pass
	2645	100	0	8.59	<=13	Pass

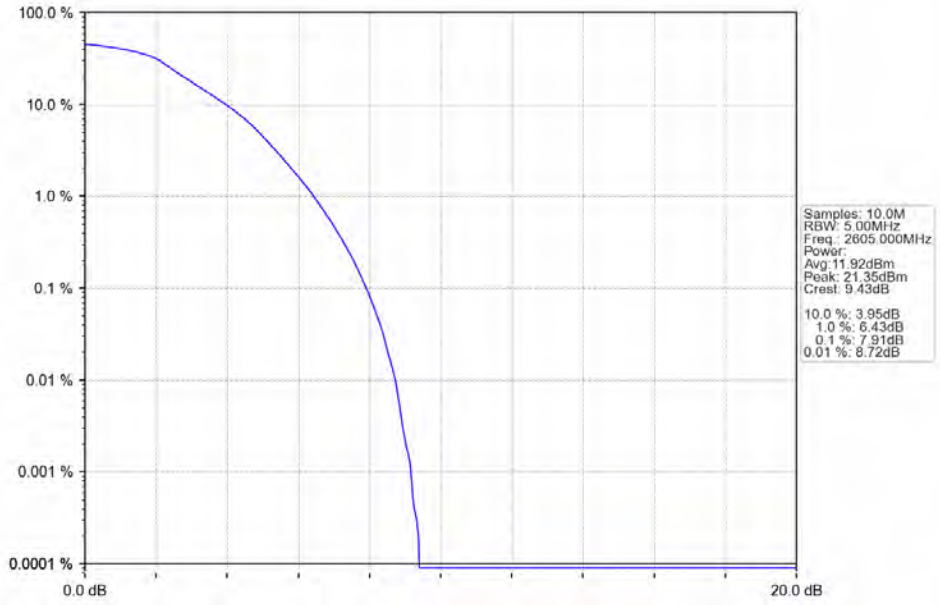
5.2 Test Graph

5.2.1 B41_5MHz

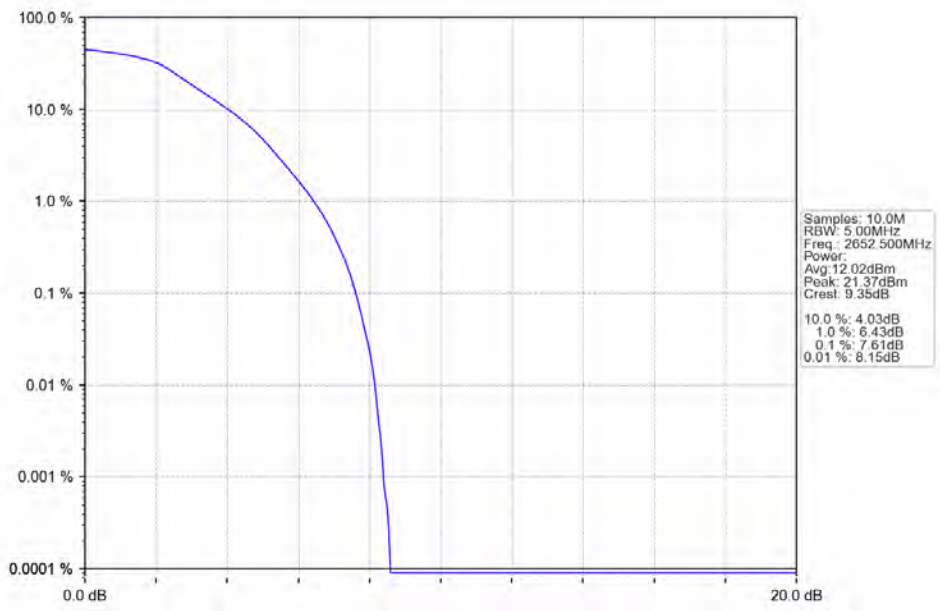
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV



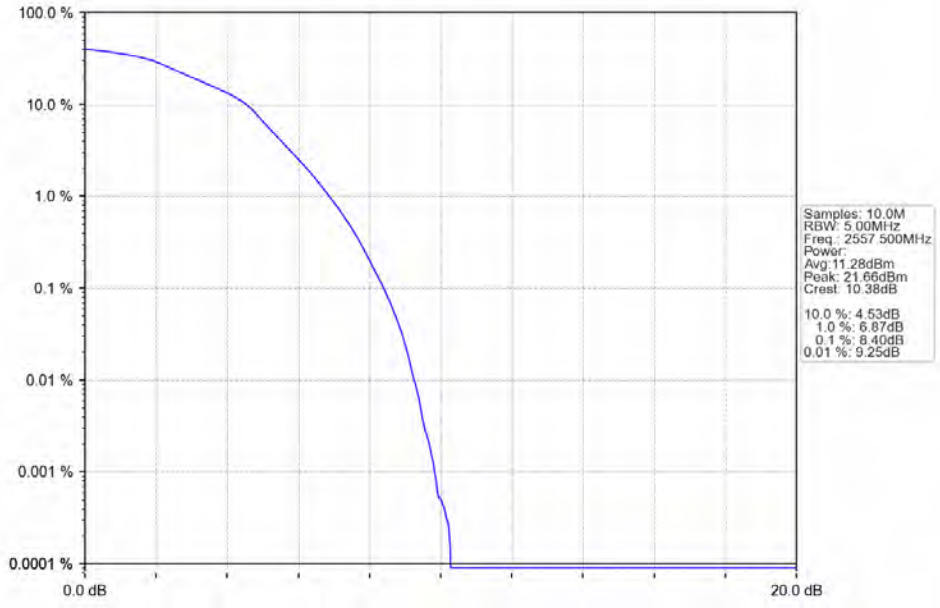
Band41_5MHz_QPSK_MCH_2605MHz_RB_25_0_NTNV



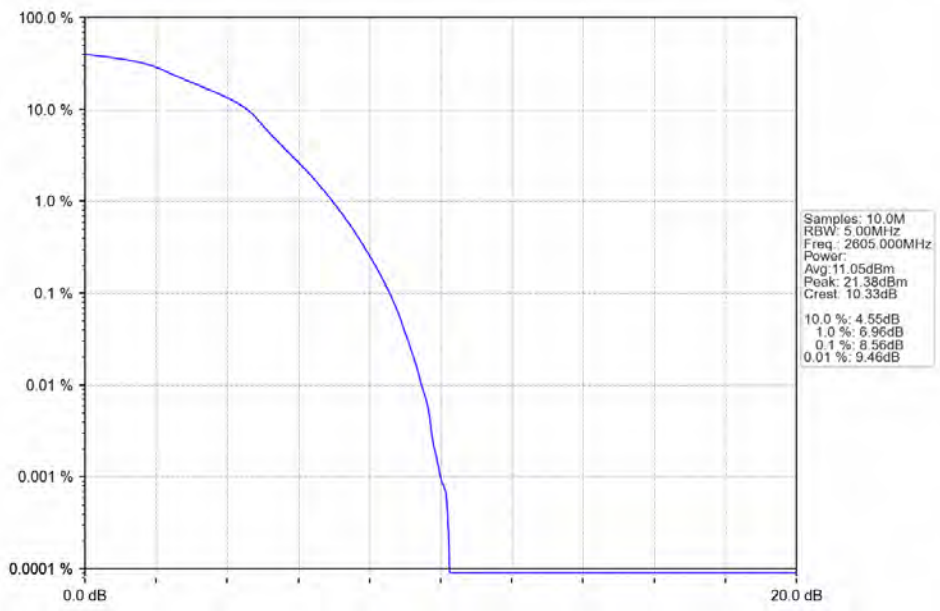
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



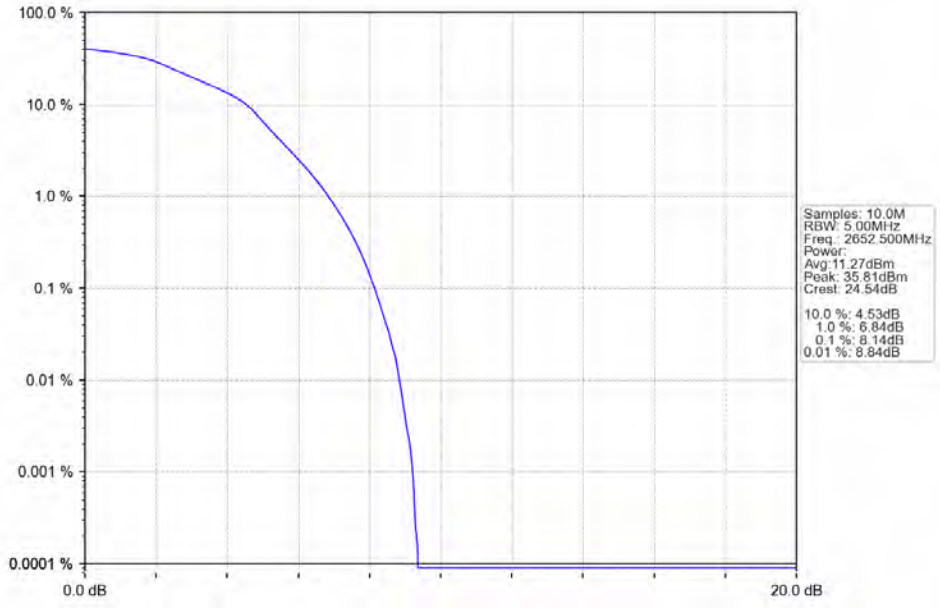
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV

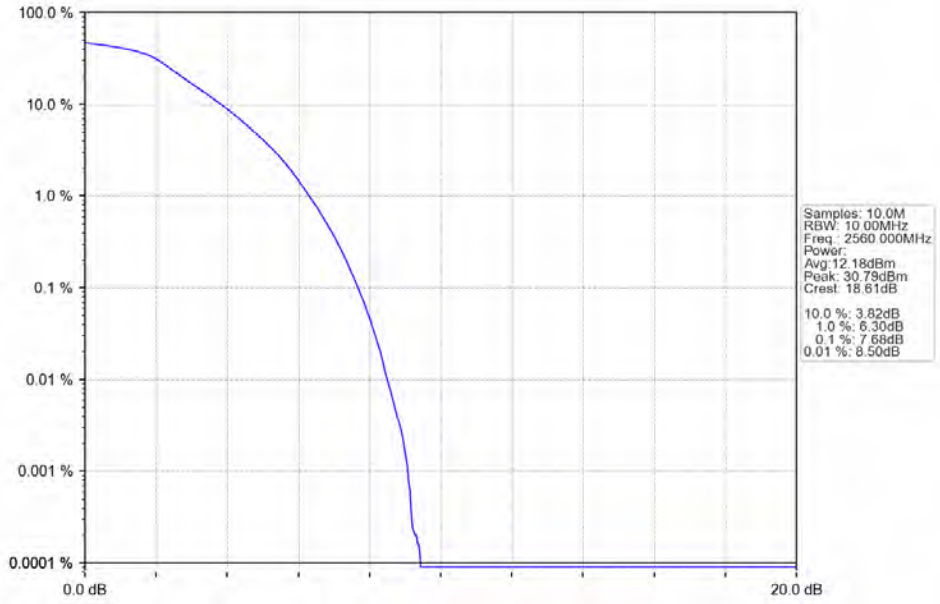


Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

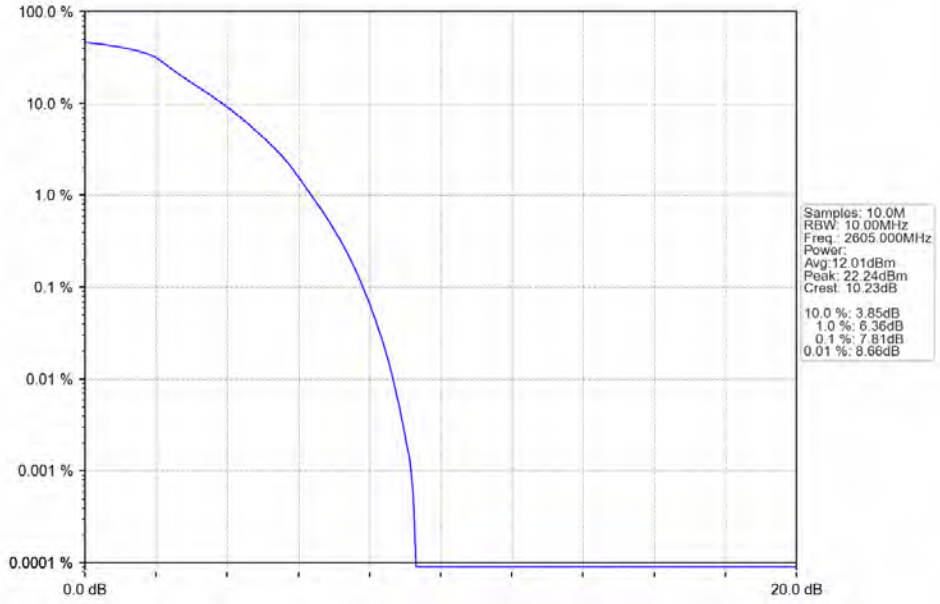


5.2.2 B41_10MHz

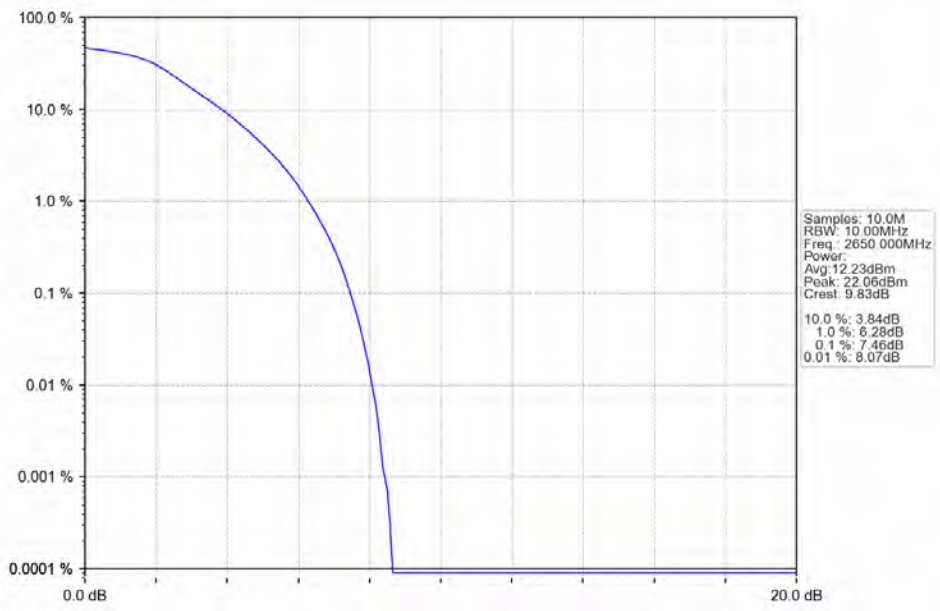
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



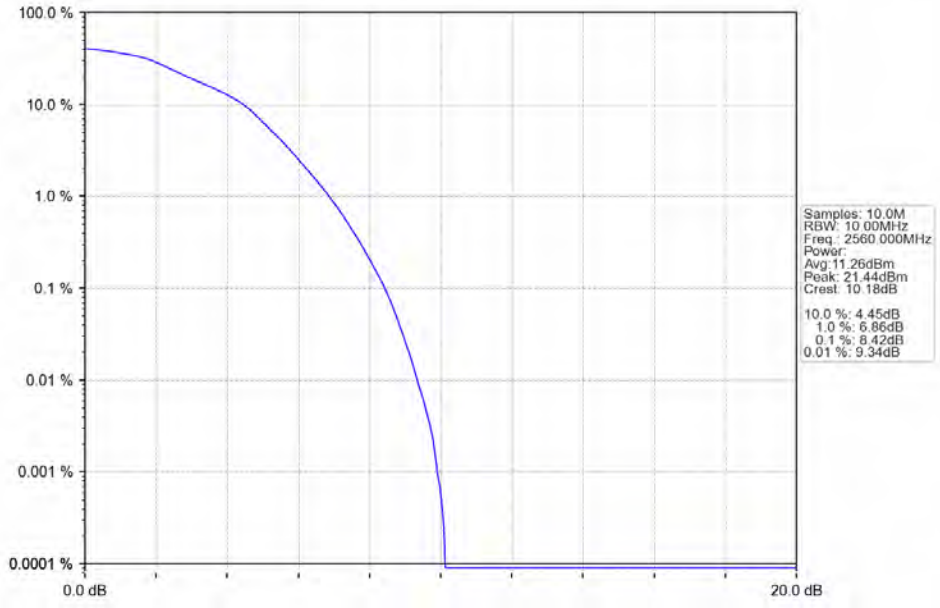
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



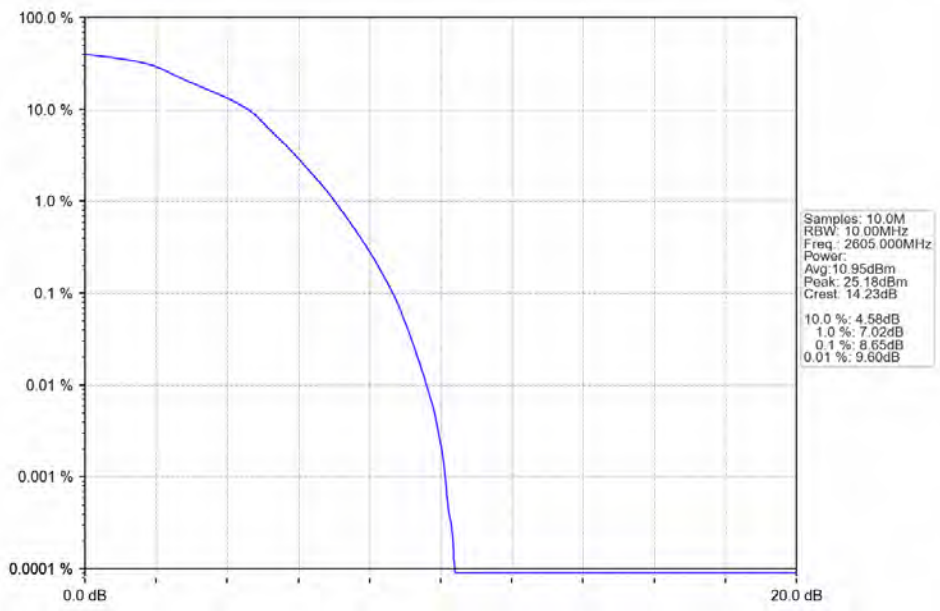
Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



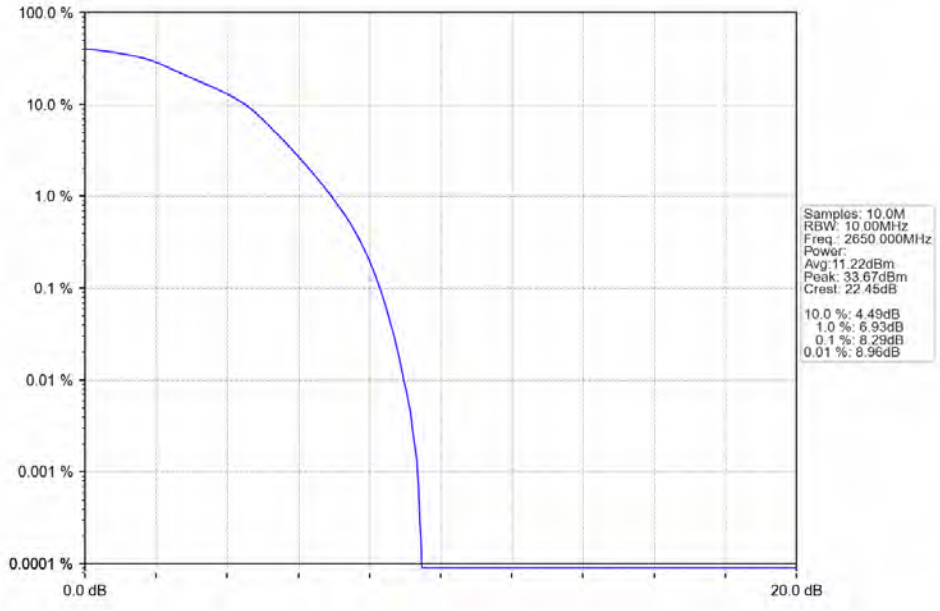
Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV



Band41_10MHz_16QAM_MCH_2605MHz_RB_50_0_NTNV

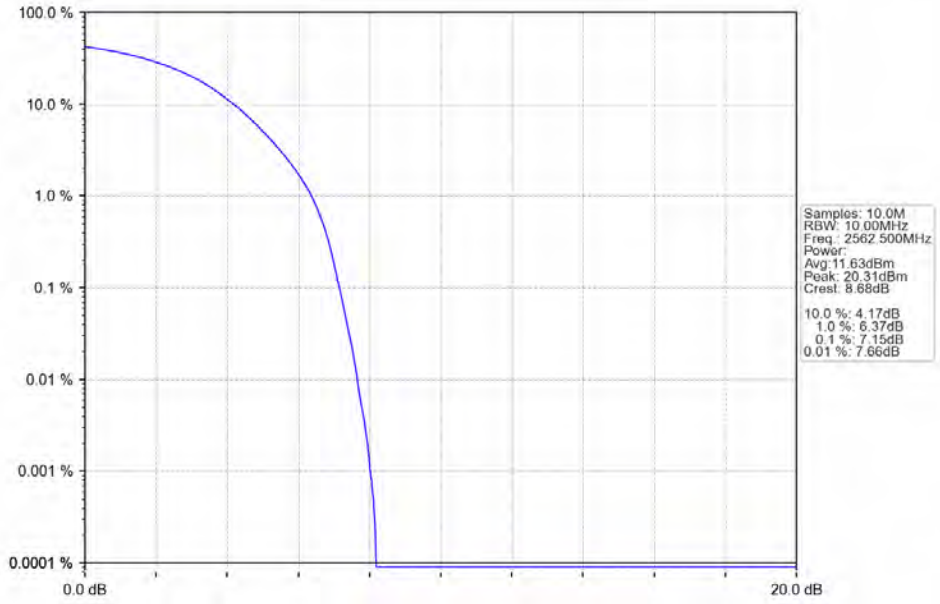


Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV

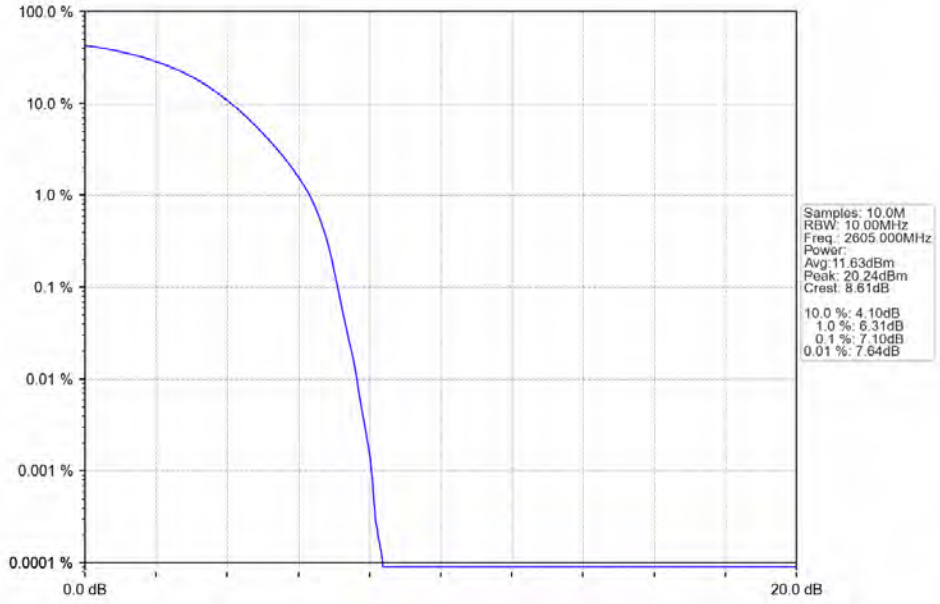


5.2.3 B41_15MHz

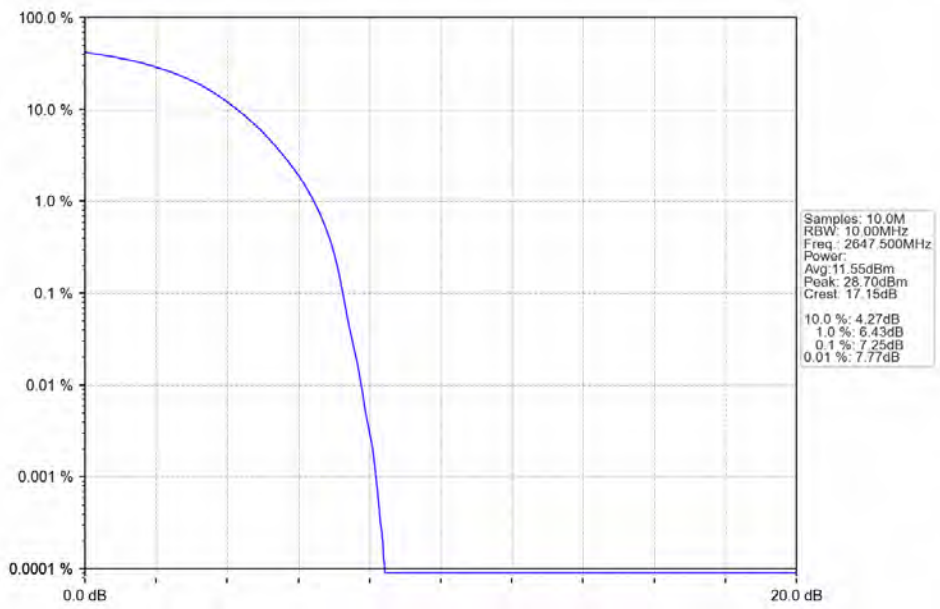
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



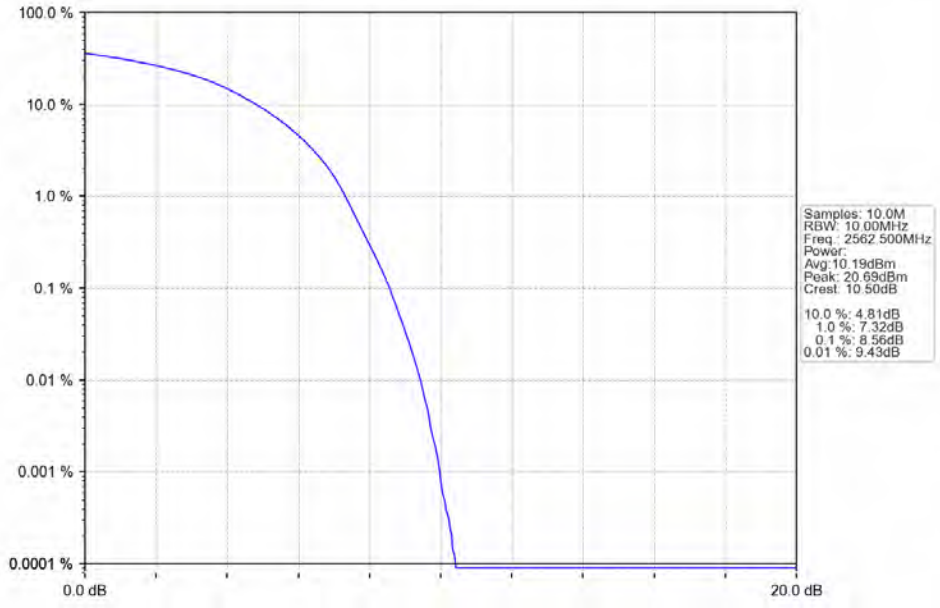
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



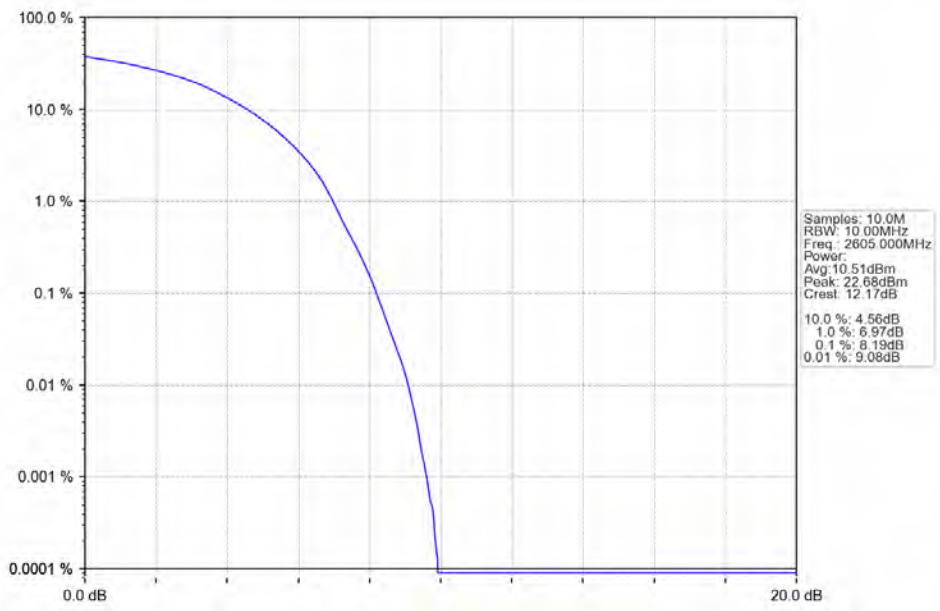
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



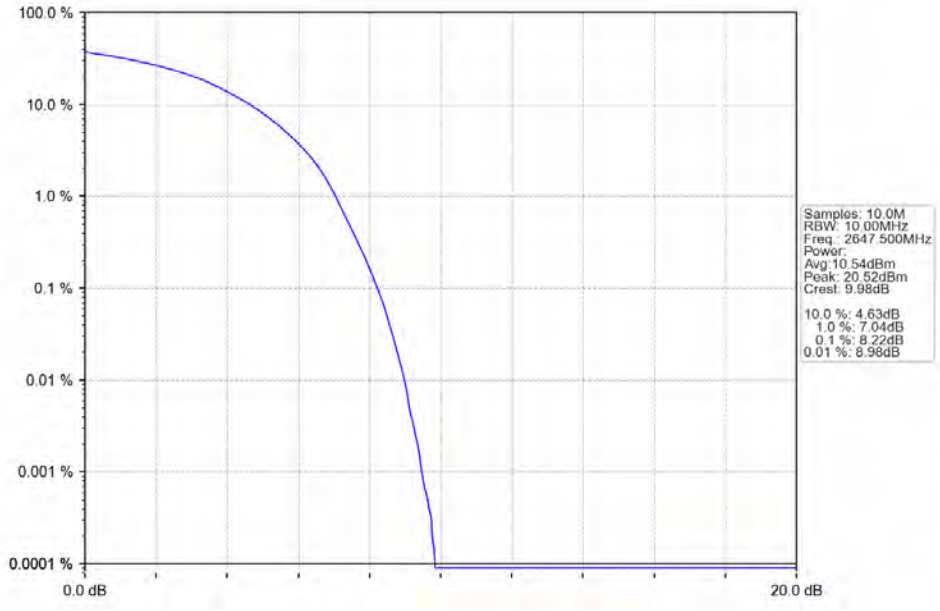
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV

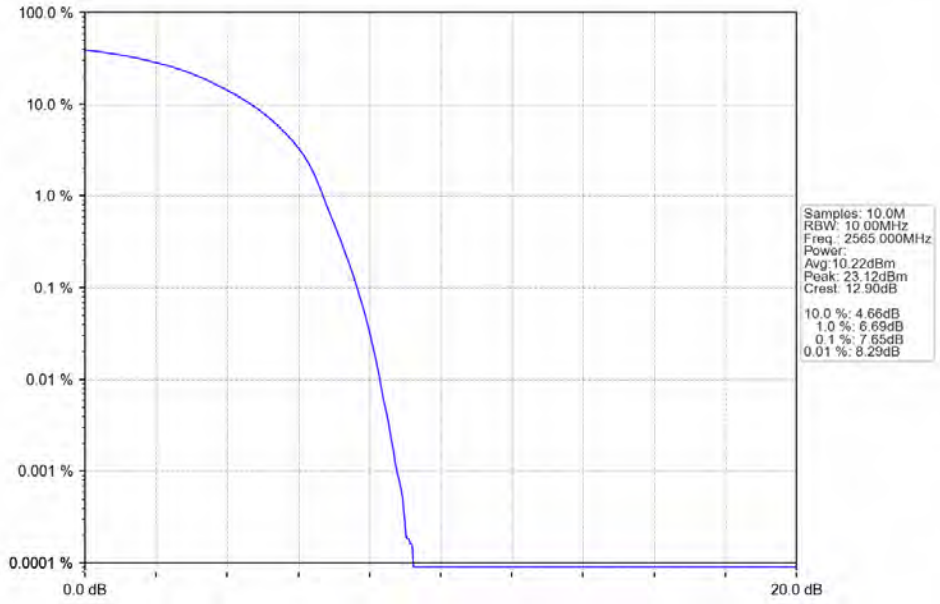


Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV

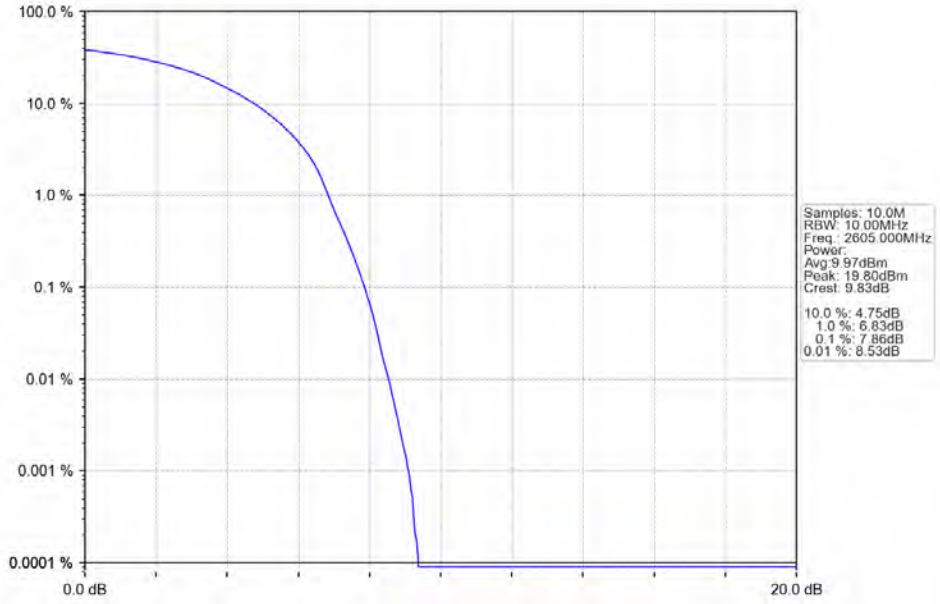


5.2.4 B41_20MHz

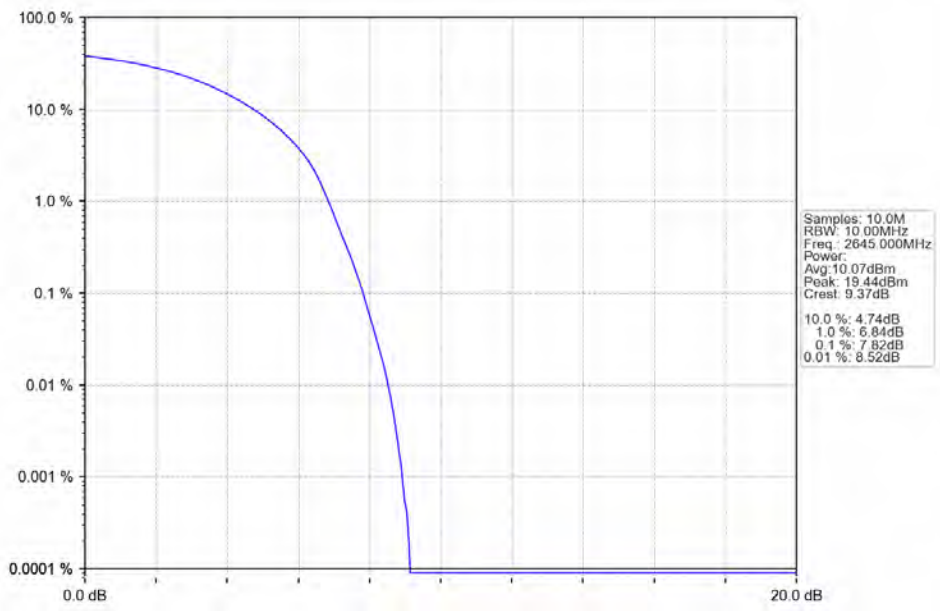
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



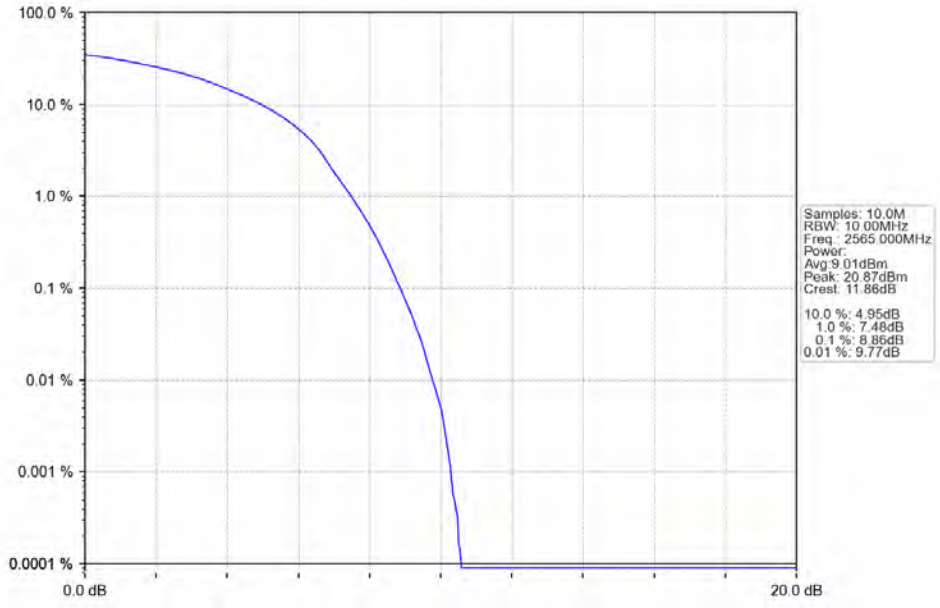
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



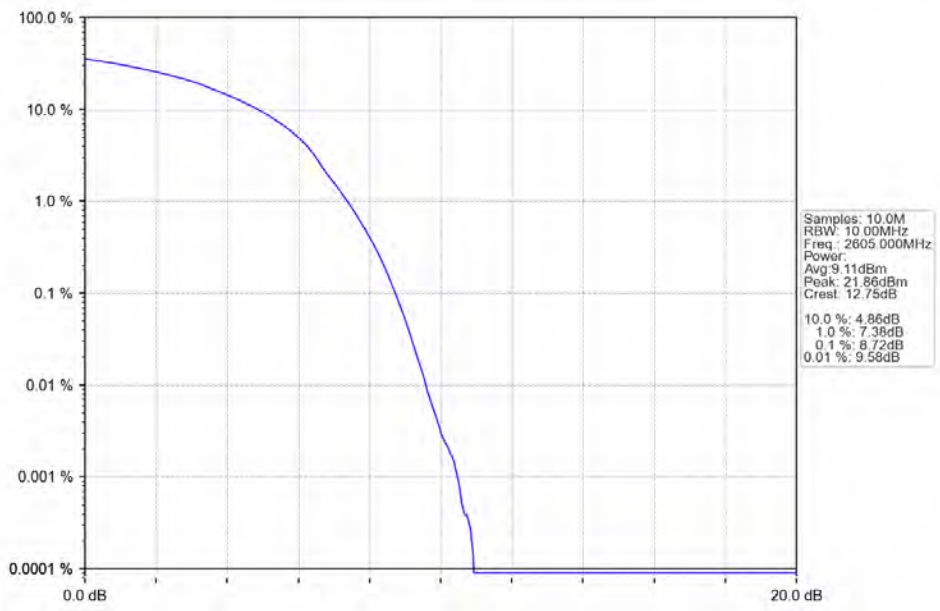
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



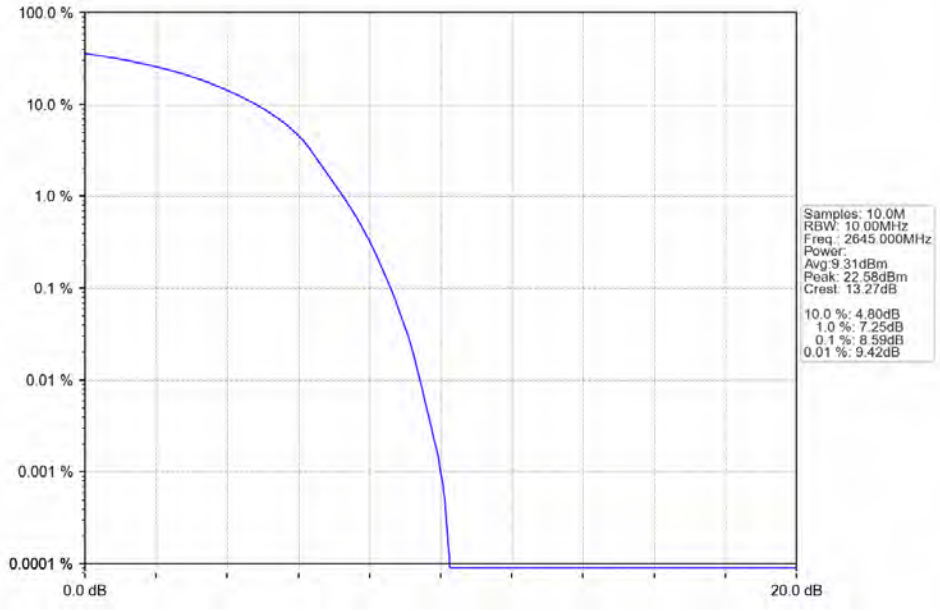
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2557.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2560	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

16QAM	2562.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2647.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

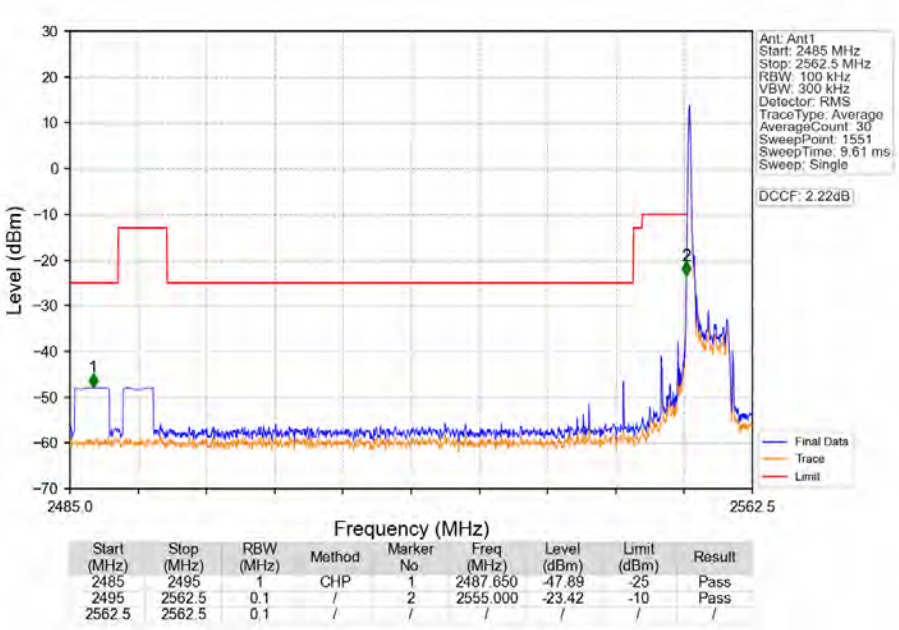
6.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2565	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2645	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

6.2 Test Graph

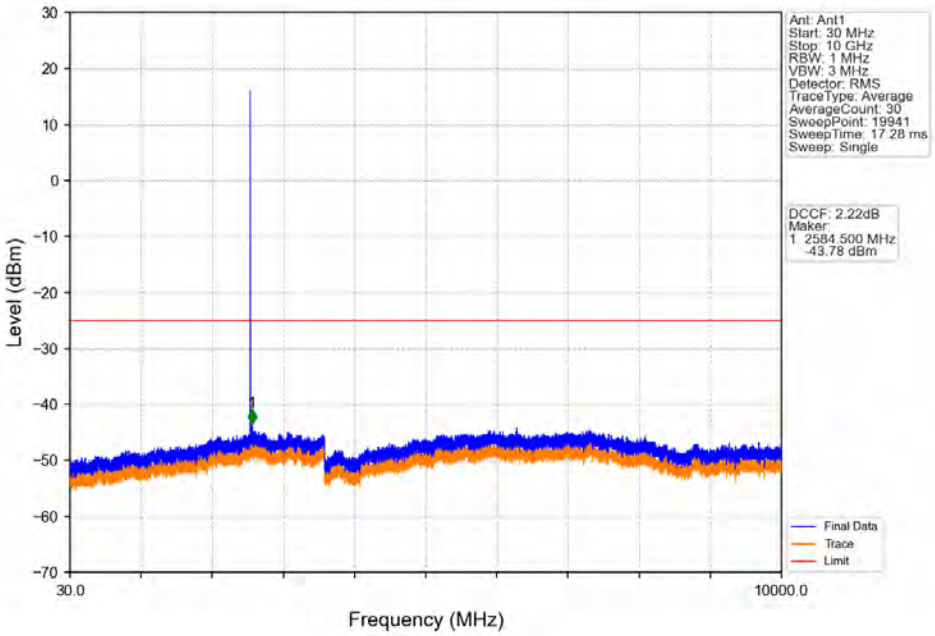
6.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

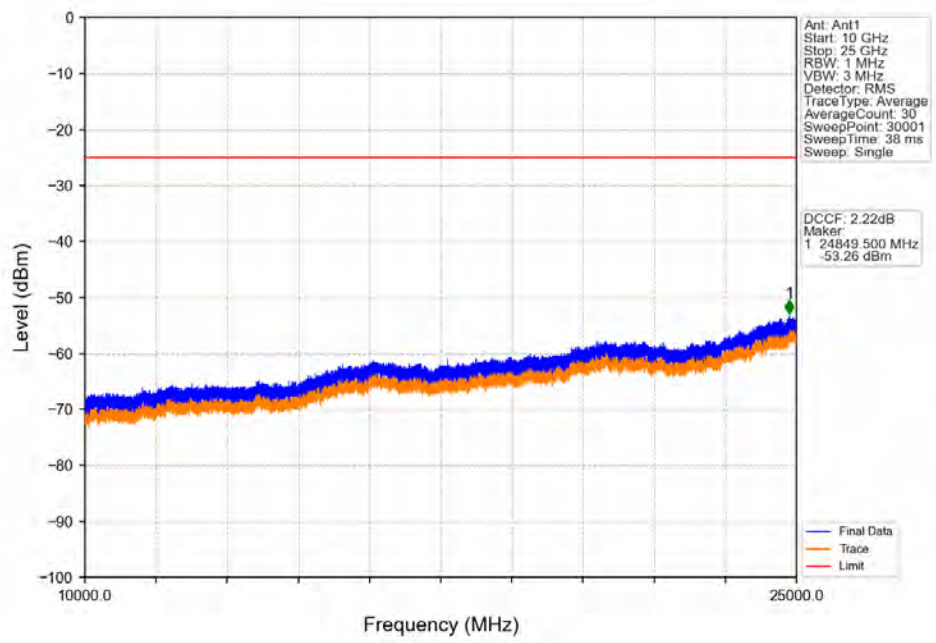


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.650	-47.89	-25	Pass
2495	2562.5	0.1	/	2	2555.000	-23.42	-10	Pass
2562.5	2562.5	0.1	/	/	/	/	/	/

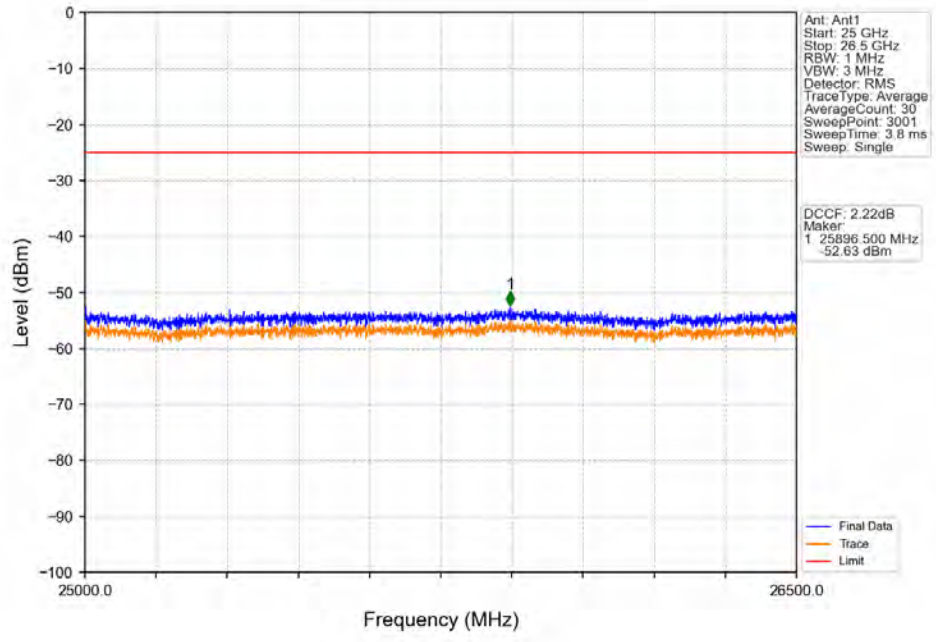
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



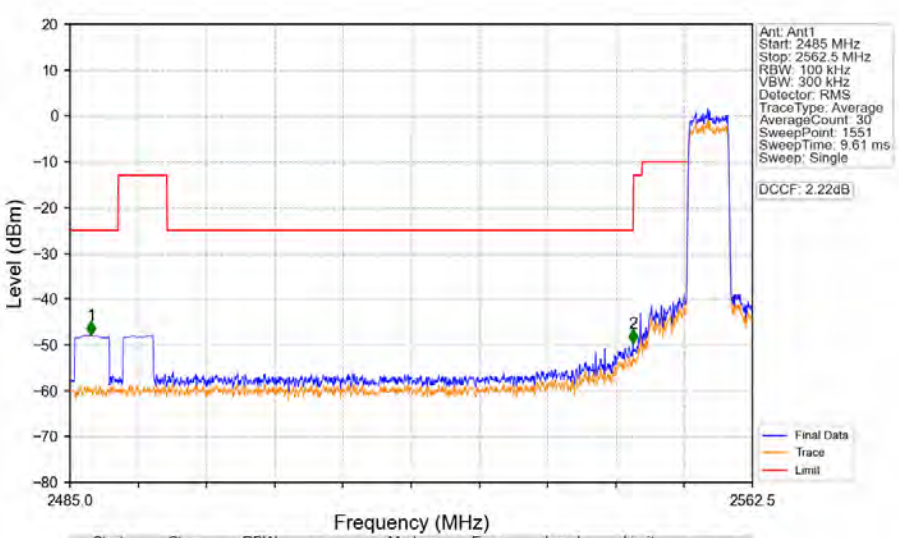
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

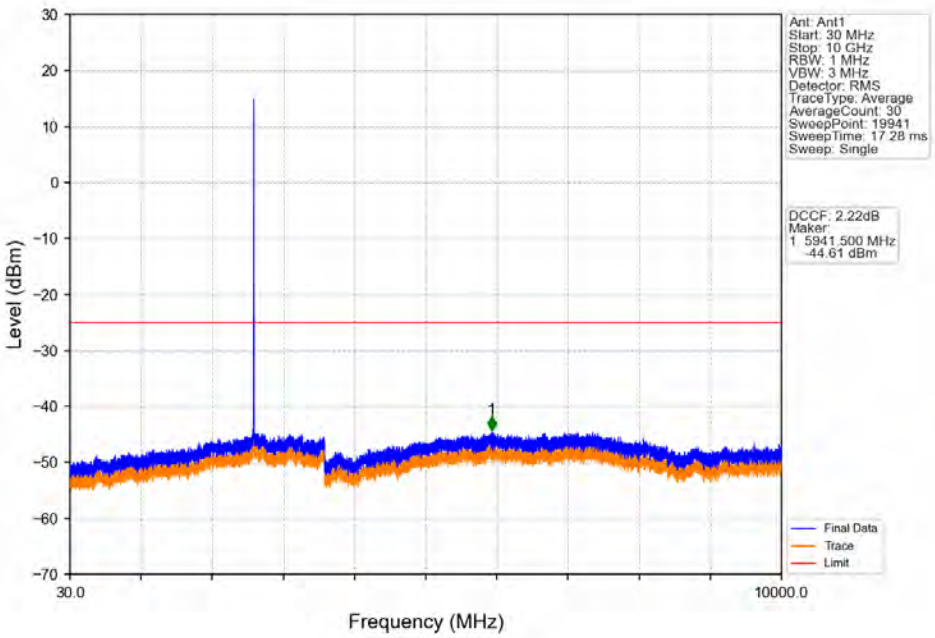


Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV

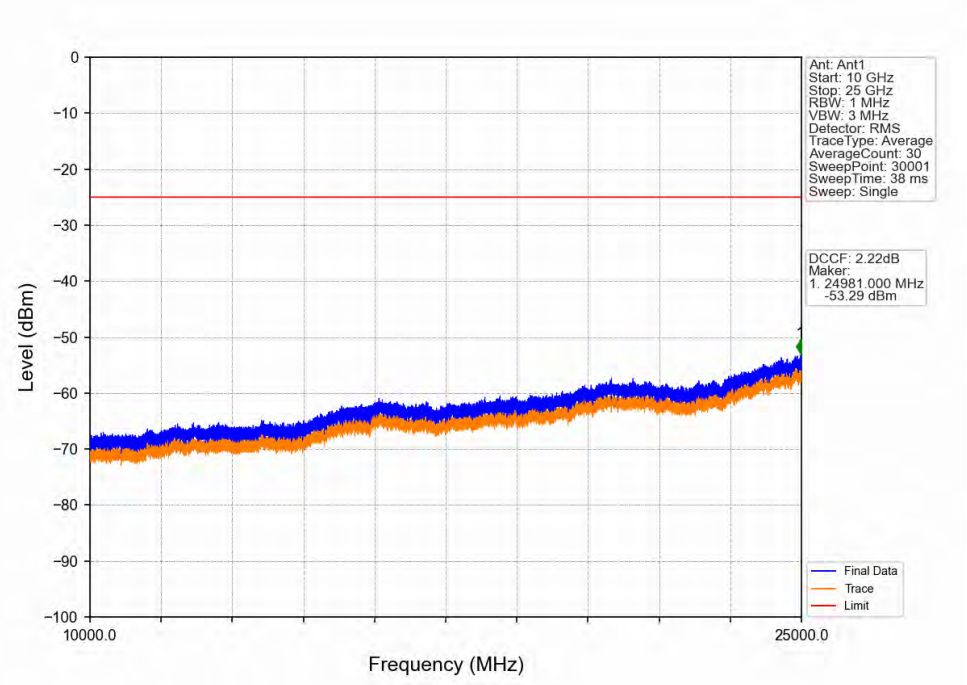


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.400	-47.92	-25	Pass
2495	2562.5	0.1	/	2	2548.950	-49.61	-25	Pass
2562.5	2562.5	0.1	/	/	/	/	/	/

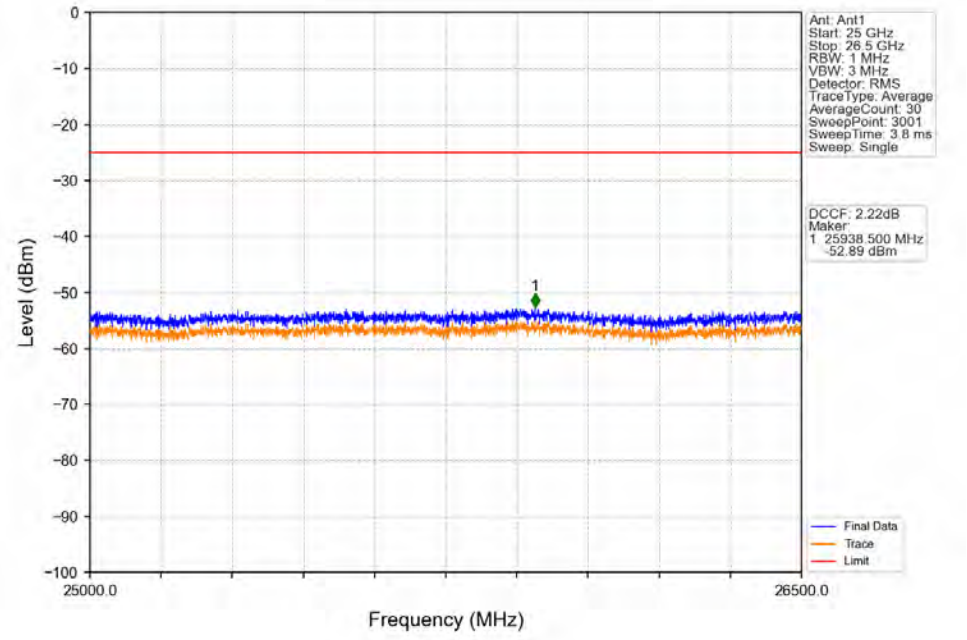
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



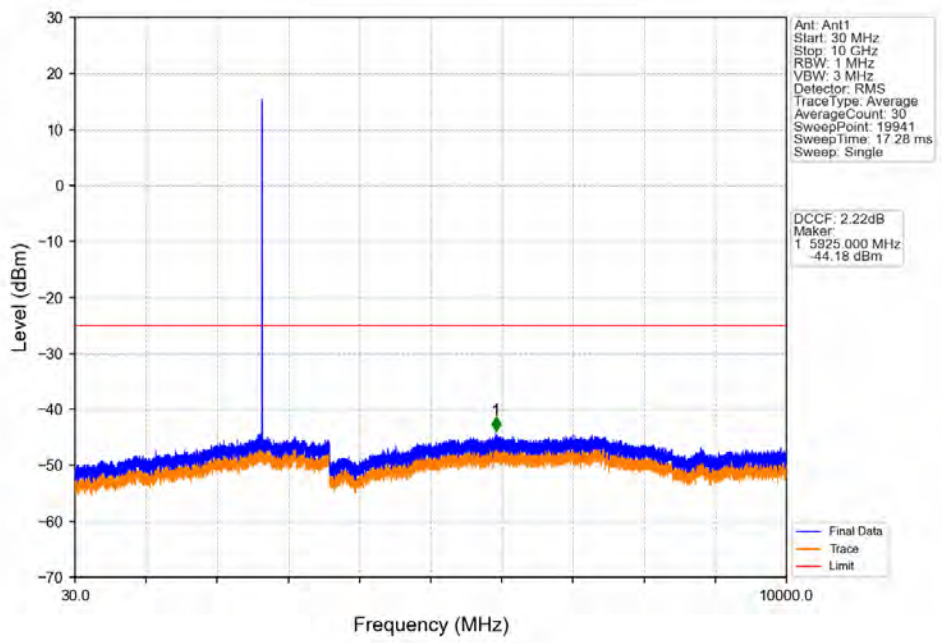
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



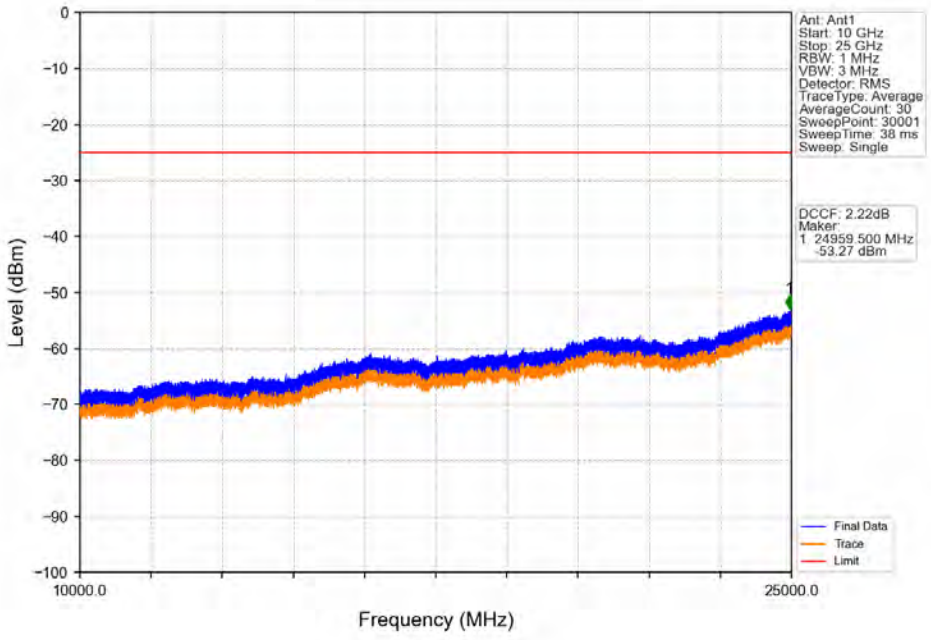
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



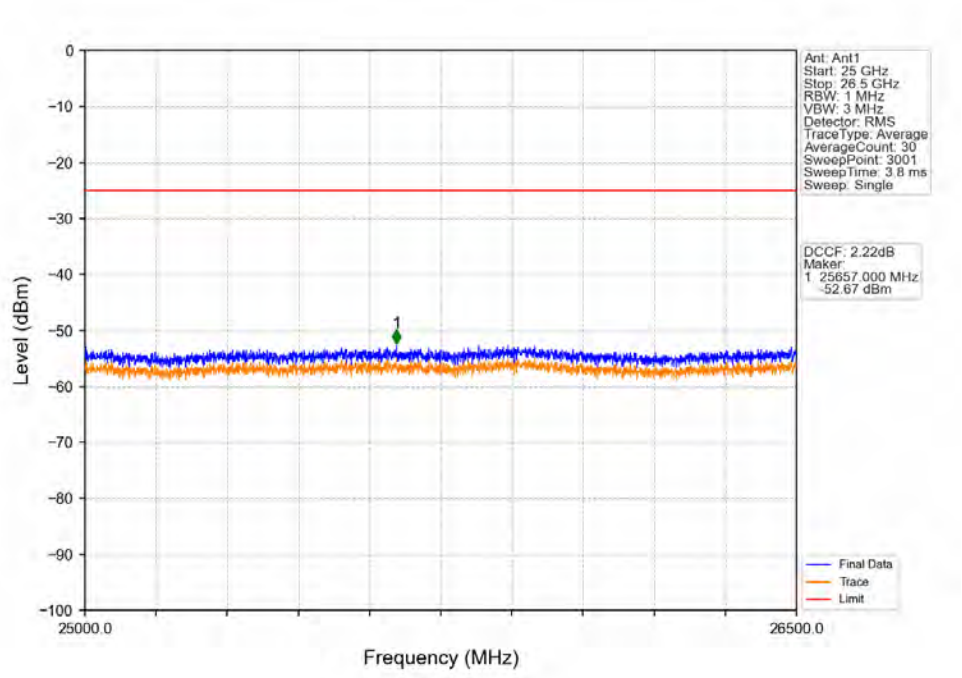
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



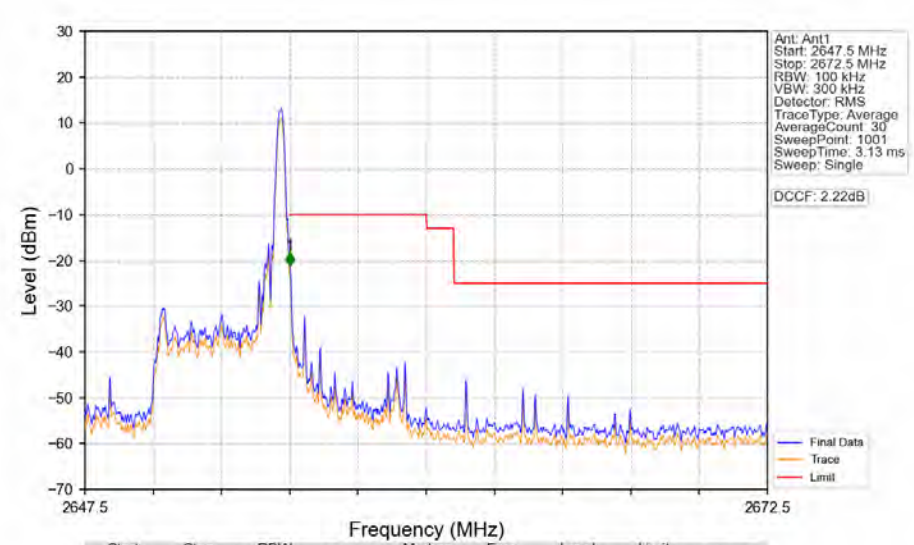
Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_0_NTNV

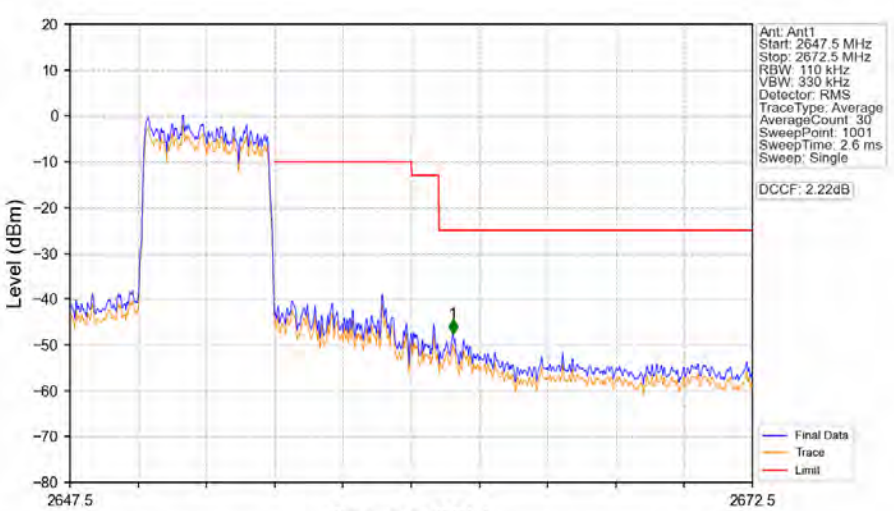


Band41_5MHz_QPSK_HCH_2652.5MHz_RB_1_24_NTNV



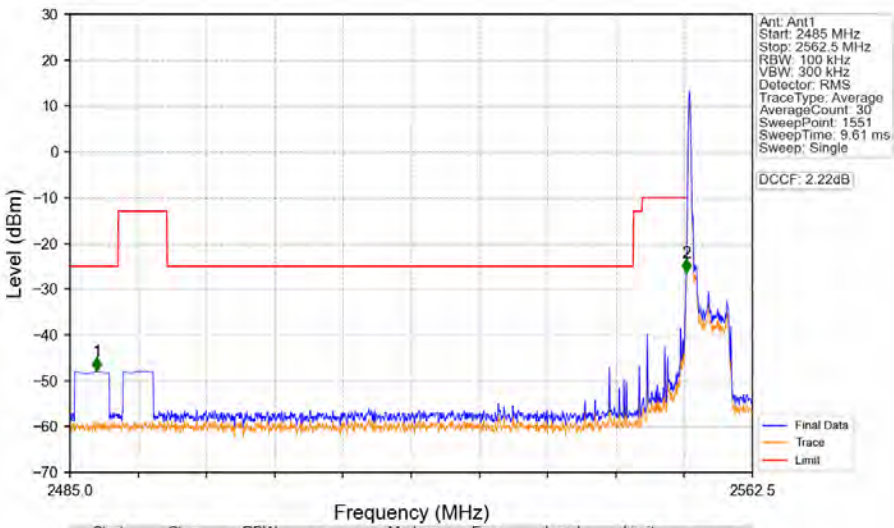
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2672.5	0.1	/	/	/	/	/	/
2672.5	2672.5	0.1	/	1	2655.000	-21.26	-10	Pass

Band41_5MHz_QPSK_HCH_2652.5MHz_RB_25_0_NTNV



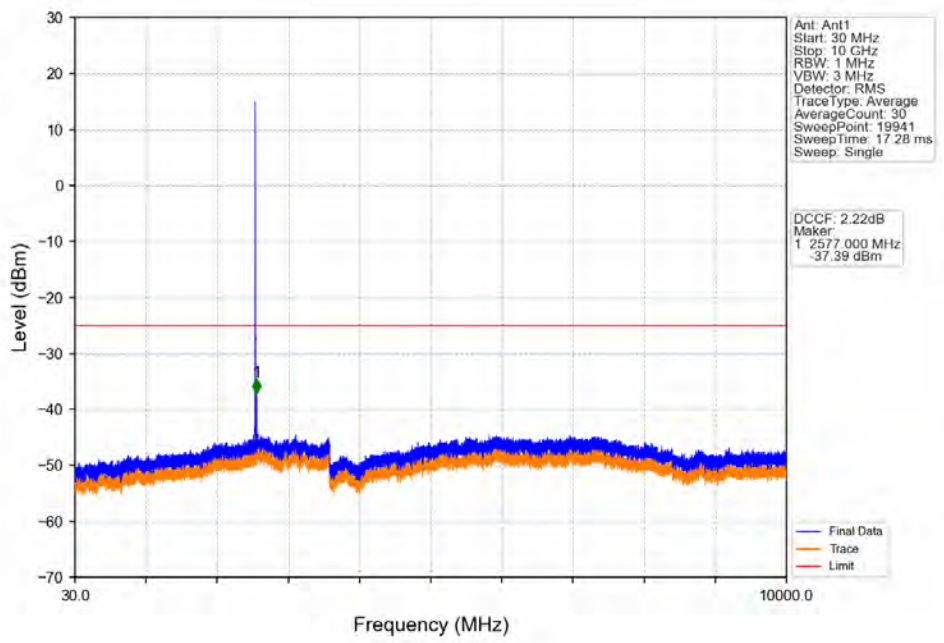
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2672.5	0.11	/	/	/	/	/	/
2672.5	2672.5	0.11	/	1	2661.525	-47.51	-25	Pass

Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

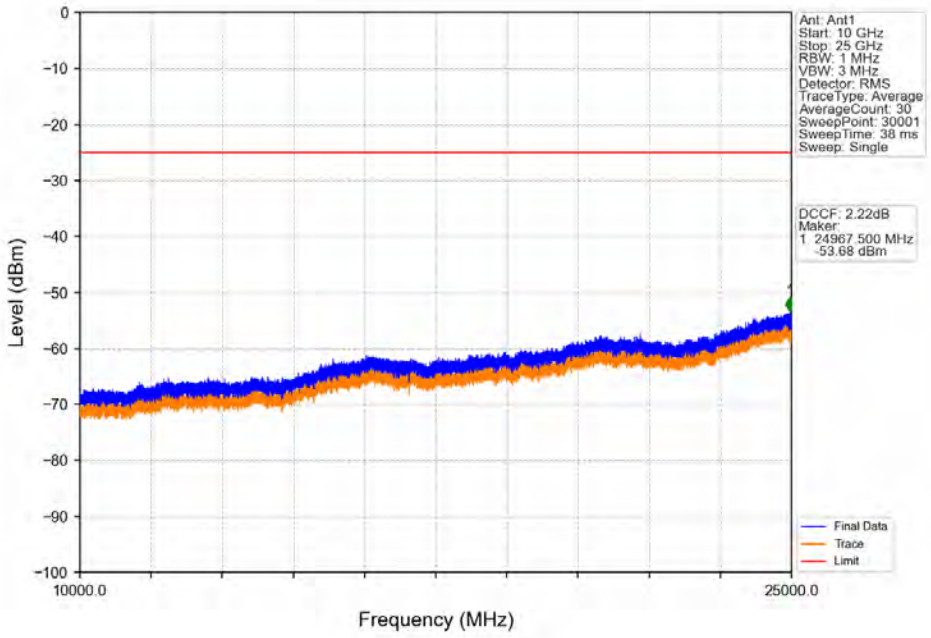


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.050	-48.02	-25	Pass
2495	2562.5	0.1	/	2	2555.000	-26.49	-10	Pass
2562.5	2562.5	0.1	/	/	/	/	/	/

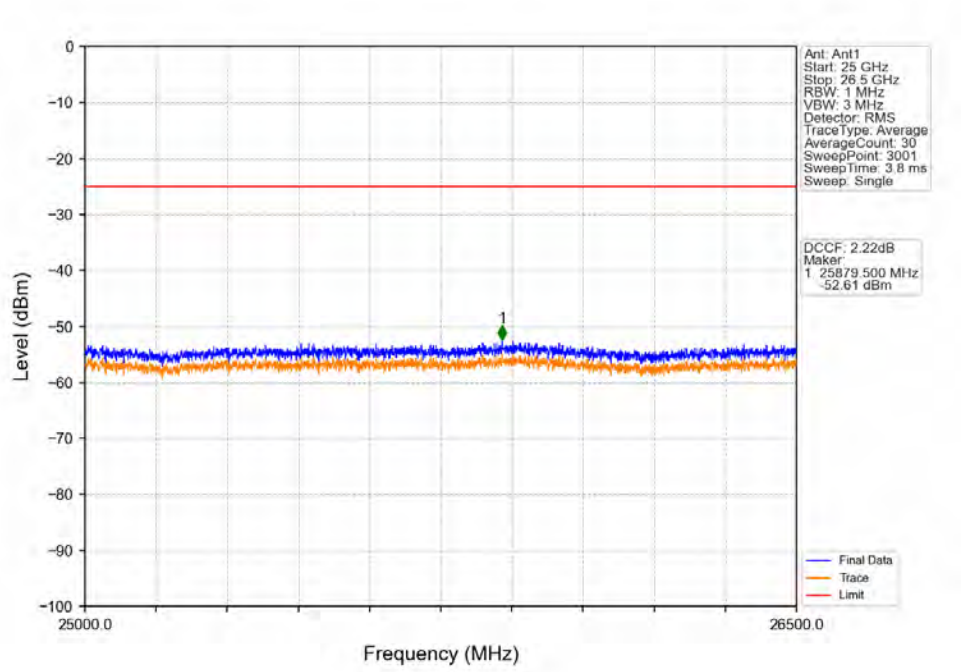
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



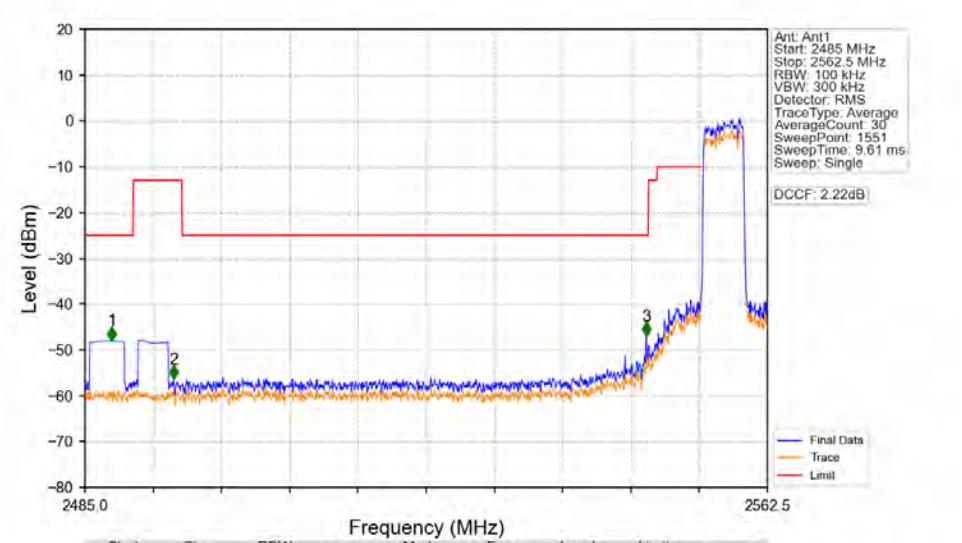
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

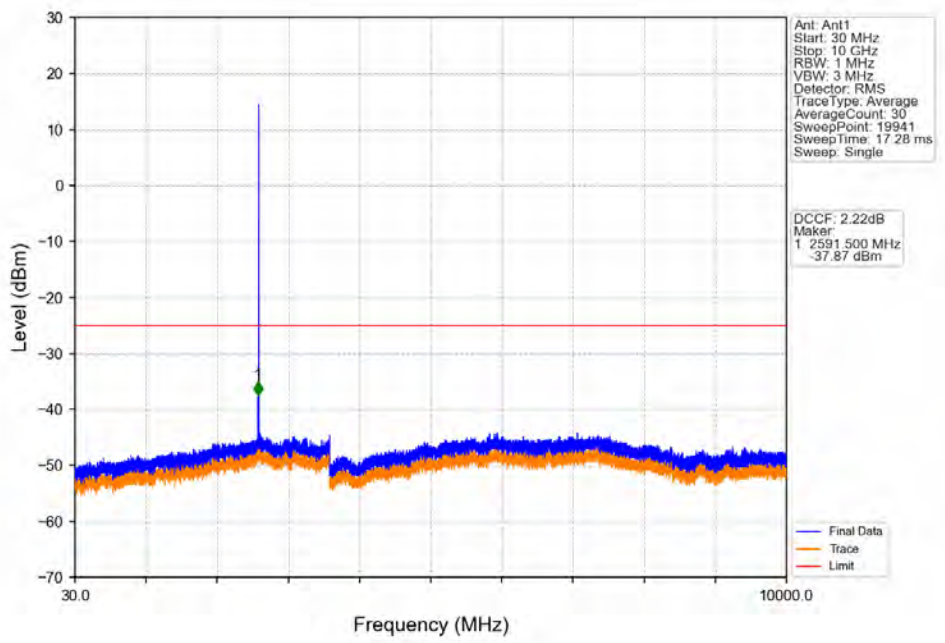


Band41_5MHz_16QAM_LCH_2557.5MHz_RB_25_0_NTNV

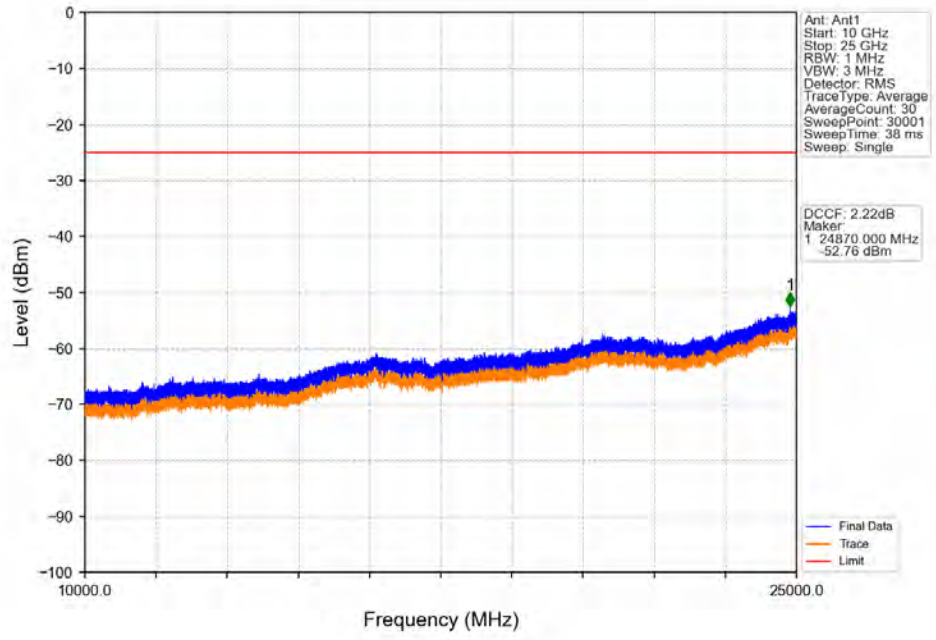


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.050	-48.01	-25	Pass
2495	2496	0.1	/	2	2495.100	-56.37	-13	Pass
2496	2562.5	0.101	/	3	2548.750	-47.00	-25	Pass
2562.5	2562.5	0.101	/	/	/	/	/	/

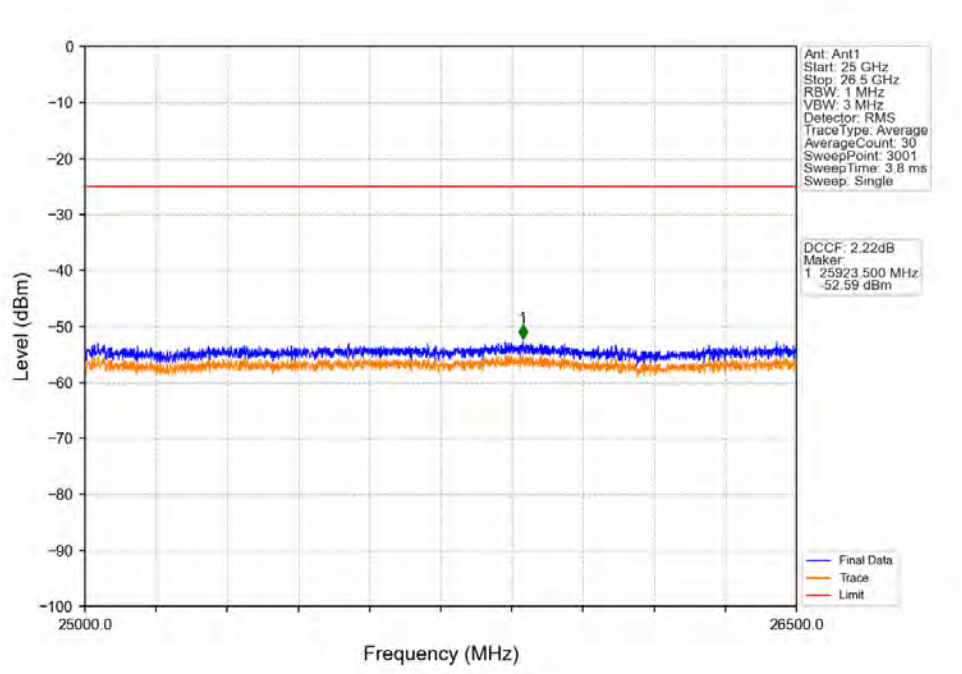
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



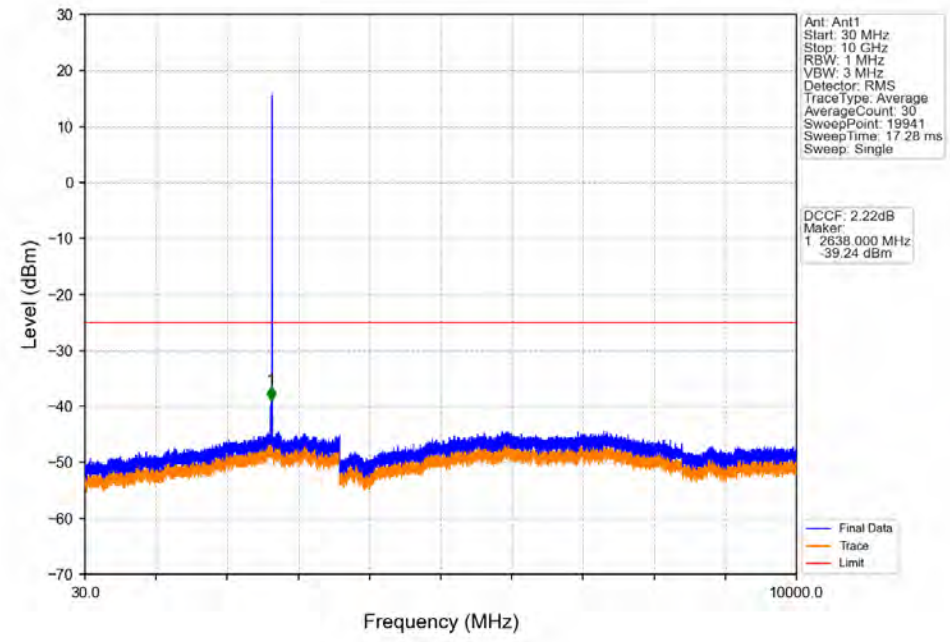
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



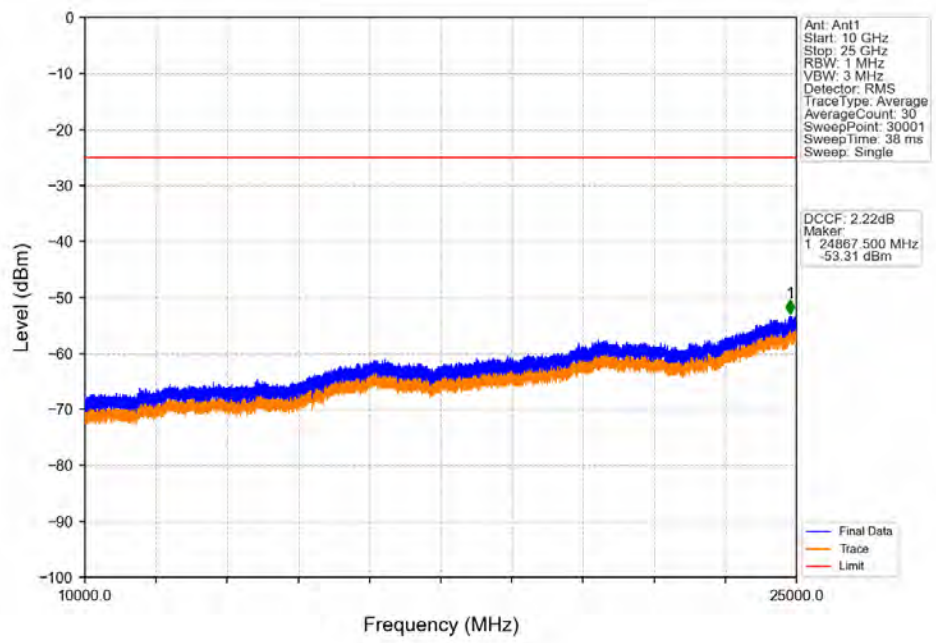
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



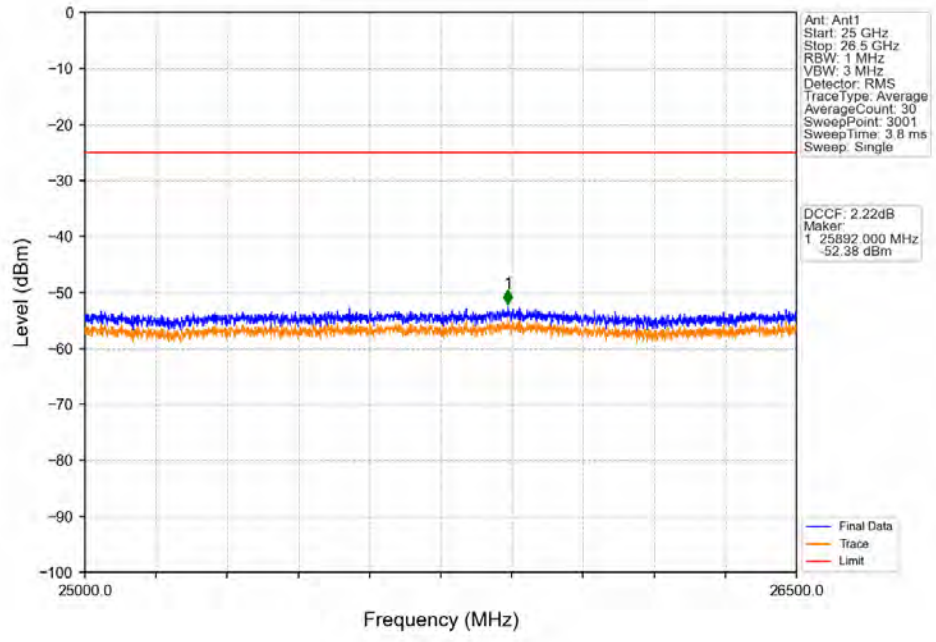
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



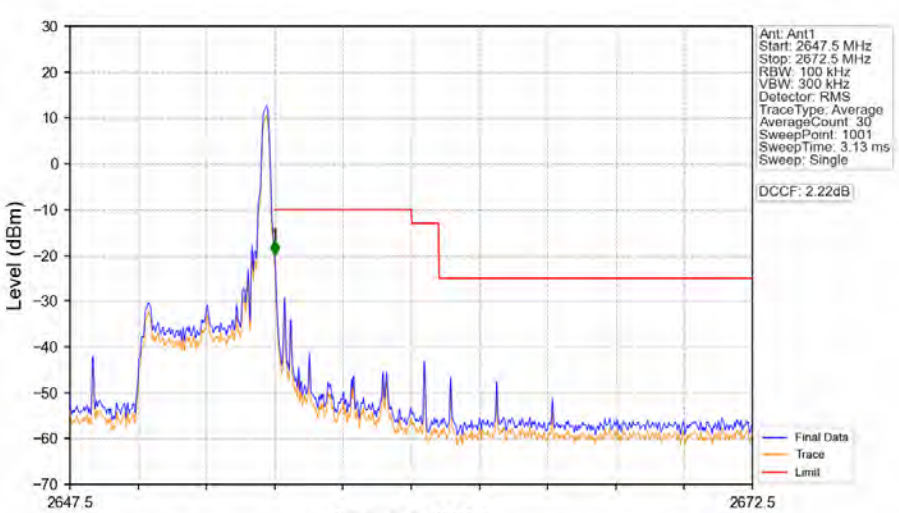
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV

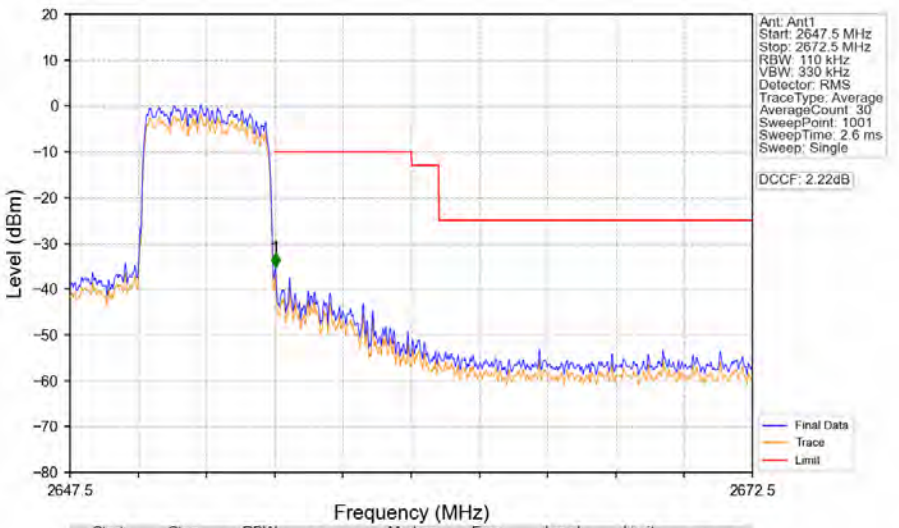


Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2672.5	0.1	/	/	/	/	/	/
2672.5	2672.5	0.1	/	1	2655.000	-19.88	-10	Pass

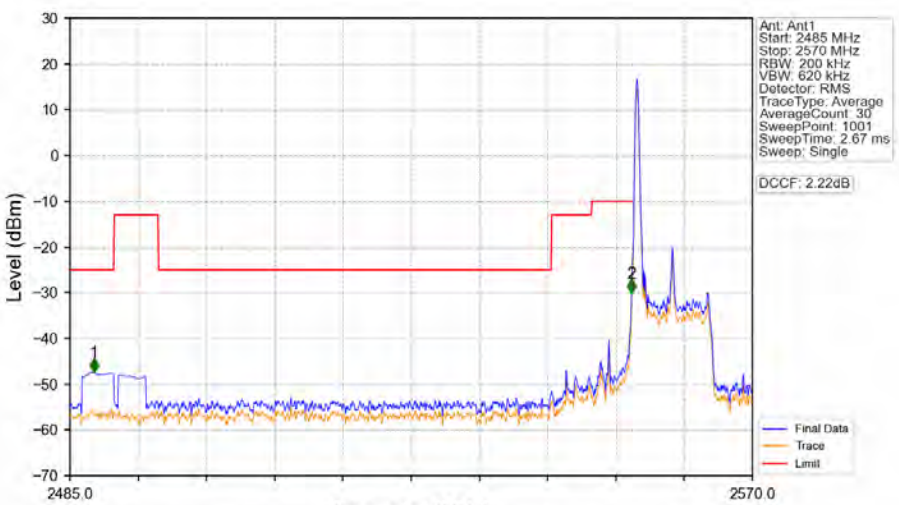
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2672.5	0.11	/	/	/	/	/	/
2672.5	2672.5	0.11	/	1	2655.025	-35.20	-10	Pass

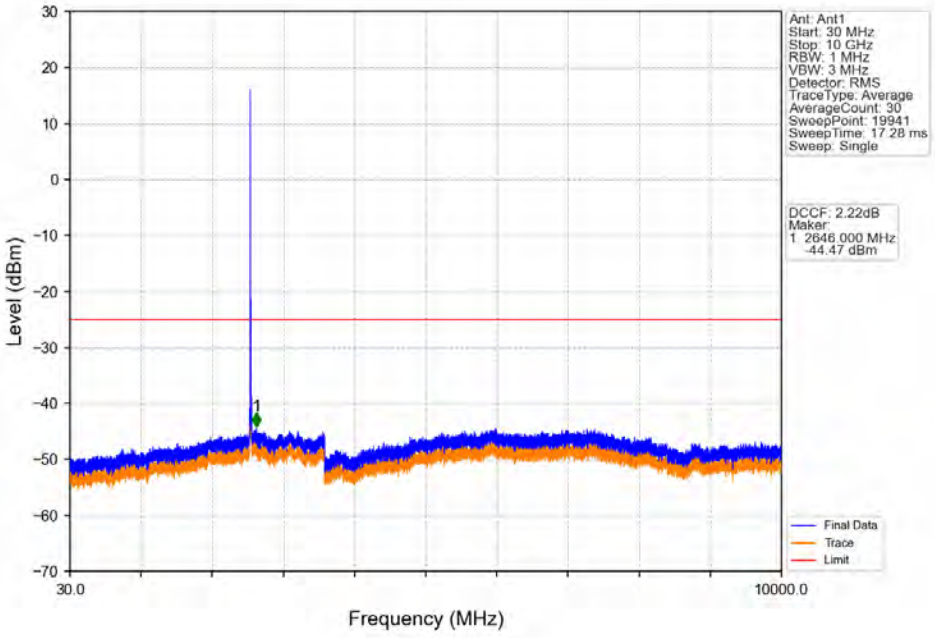
6.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV

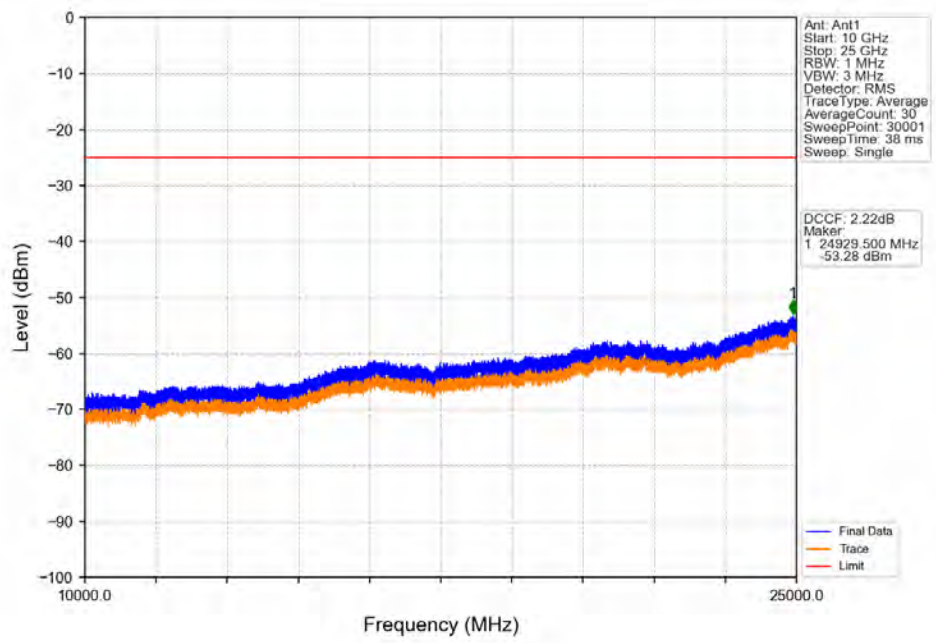


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.975	-47.45	-25	Pass
2495	2570	0.2	/	2	2554.955	-30.09	-10	Pass
2570	2570	0.2	/	/	/	/	/	/

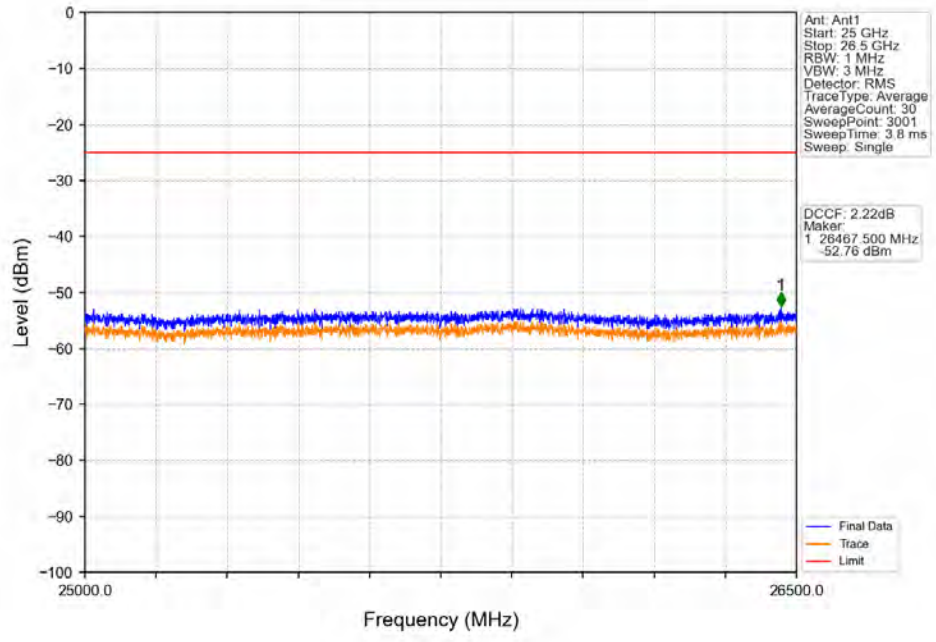
Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



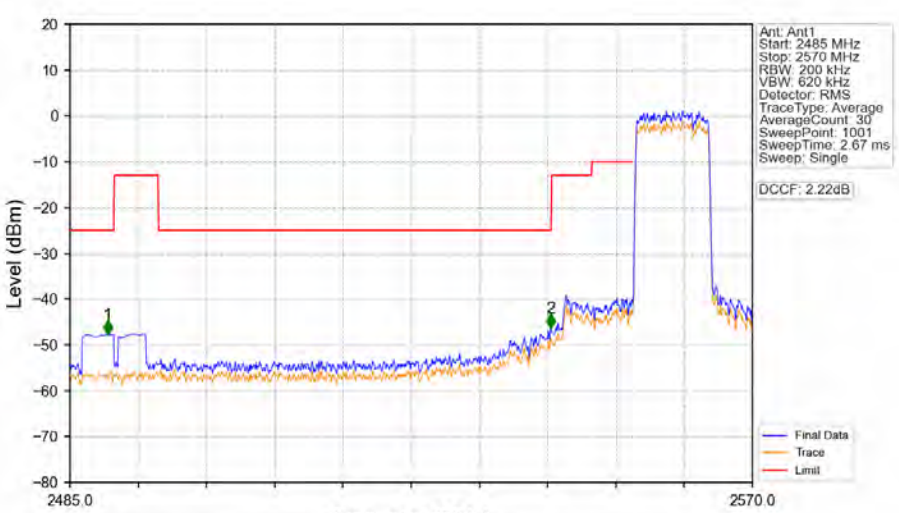
Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2560MHz_RB_1_0_NTNV

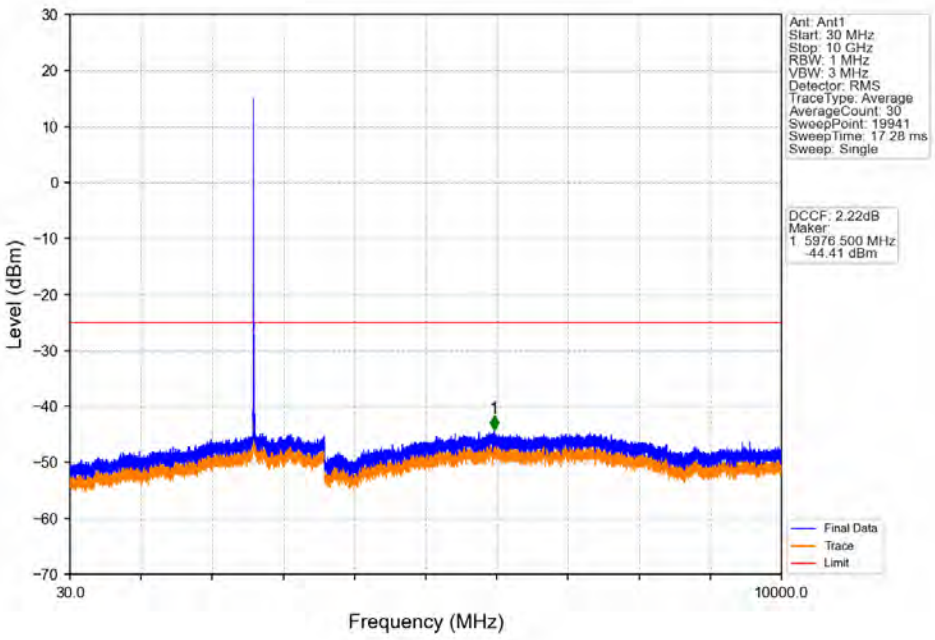


Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV

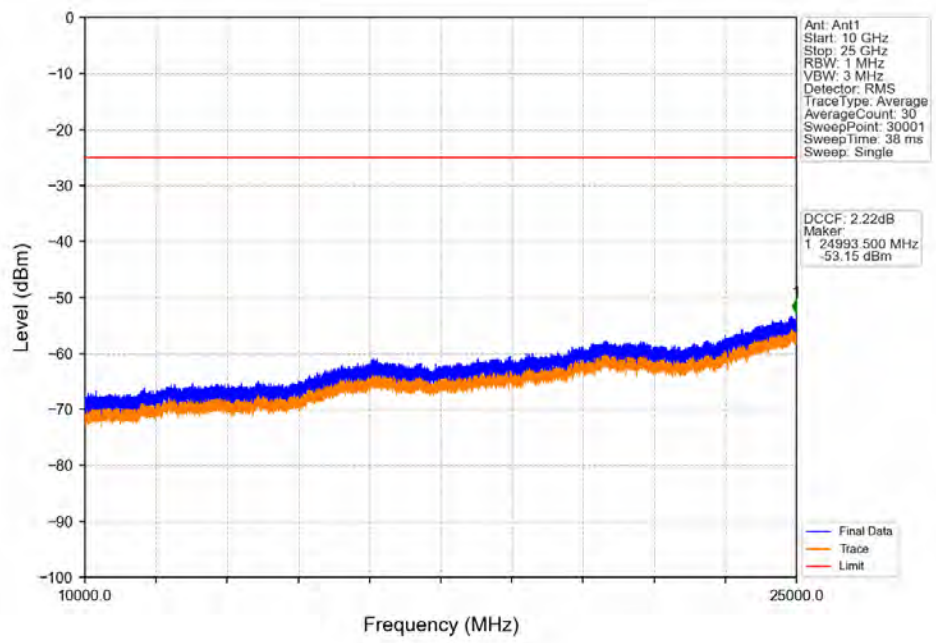


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.675	-47.72	-25	Pass
2495	2570	0.2	/	2	2544.925	-46.27	-25	Pass
2570	2570	0.2	/	/	/	/	/	/

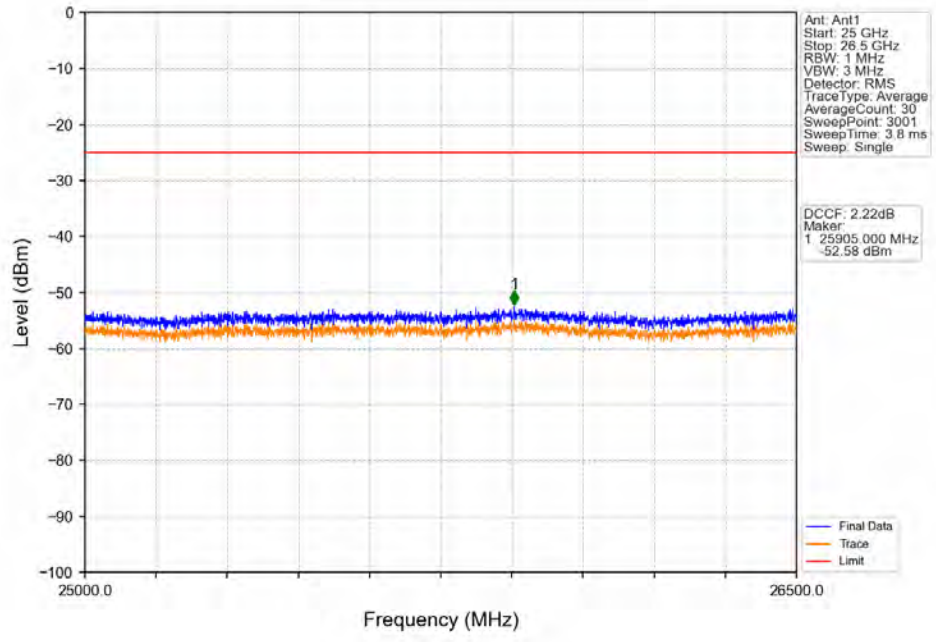
Band41_10MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



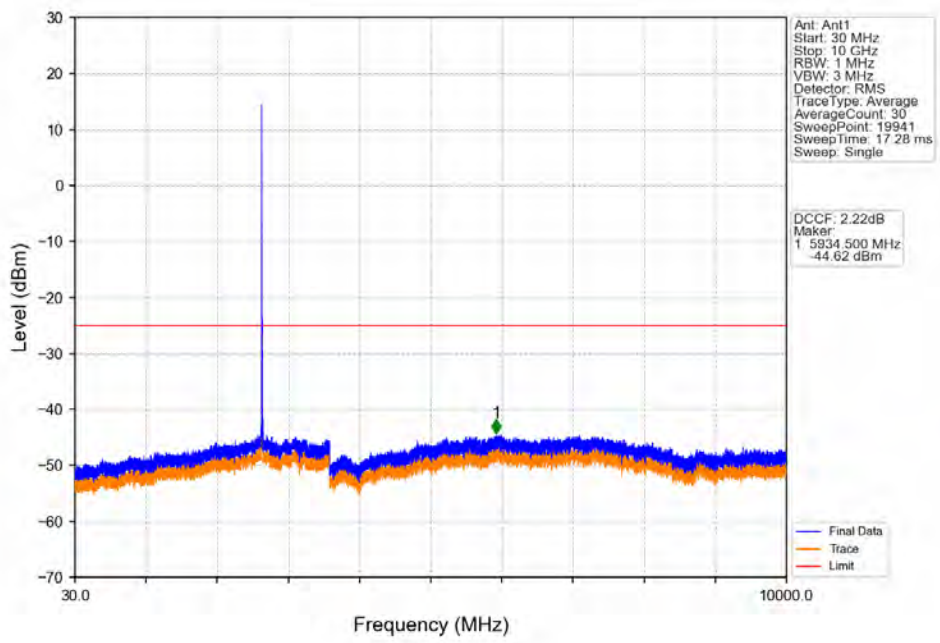
Band41_10MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



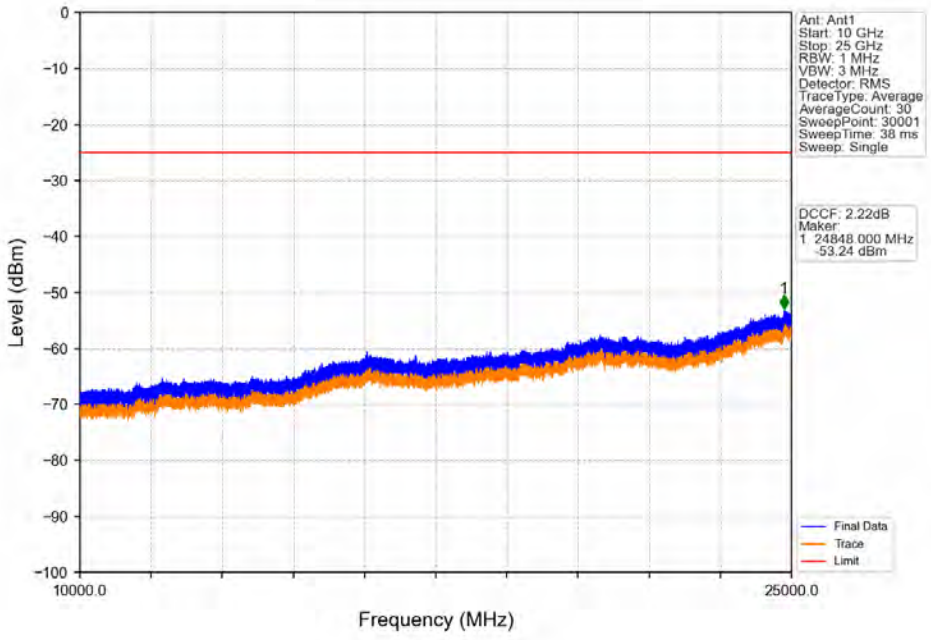
Band41_10MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



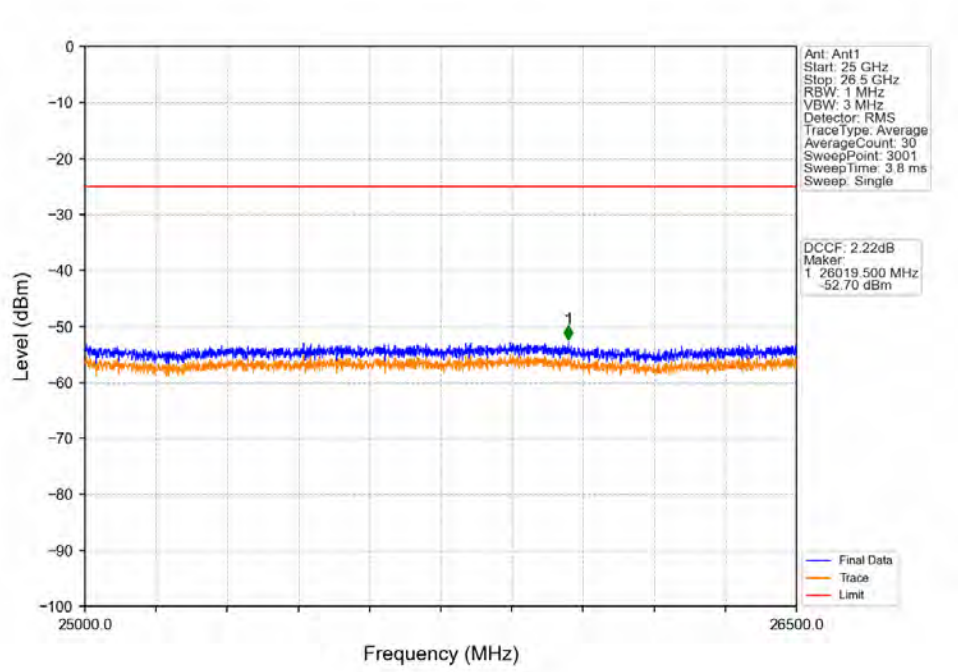
Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV



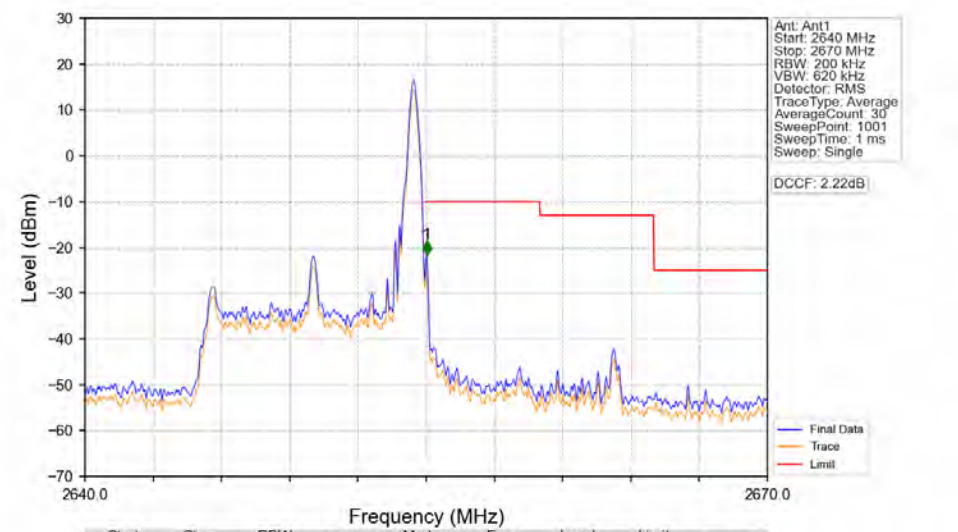
Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2650MHz_RB_1_0_NTNV

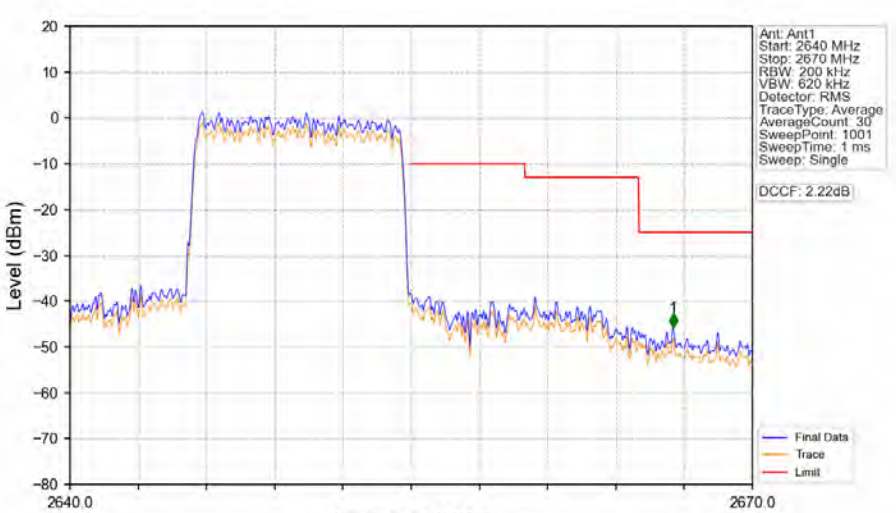


Band41_10MHz_QPSK_HCH_2650MHz_RB_1_49_NTNV



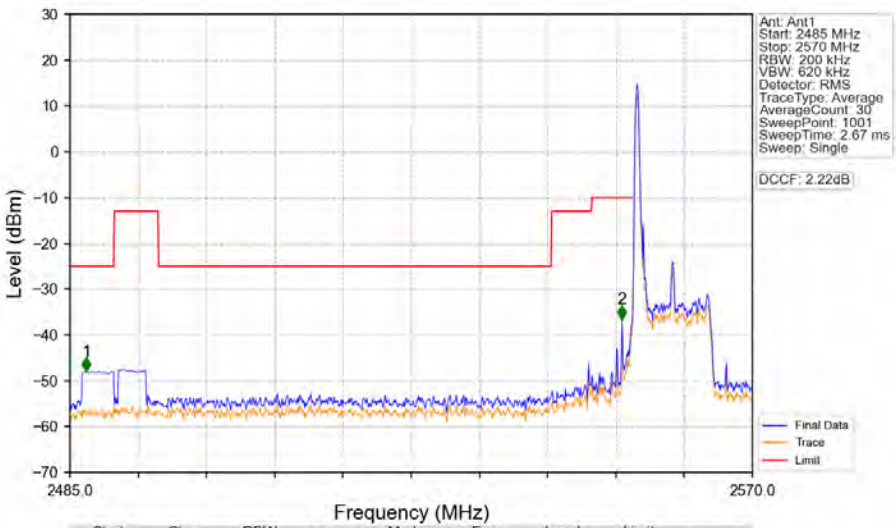
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2640	2670	0.2	/	/	/	/	/	/
2670	2670	0.2	/	1	2655.030	-21.61	-10	Pass

Band41_10MHz_QPSK_HCH_2650MHz_RB_50_0_NTNV



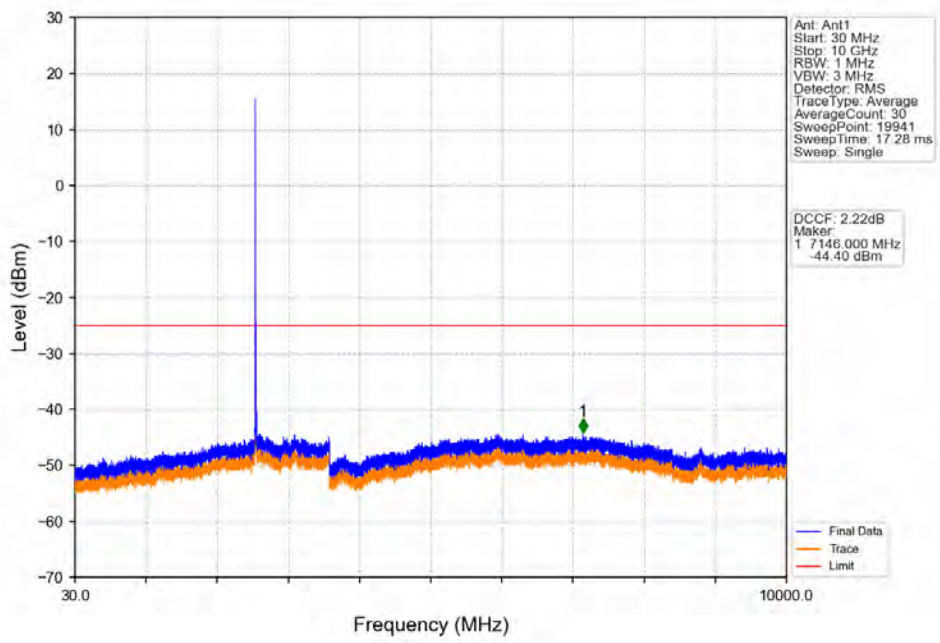
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2640	2670	0.2	/	/	/	/	/	/
2670	2670	0.2	/	1	2666.520	-45.84	-25	Pass

Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV

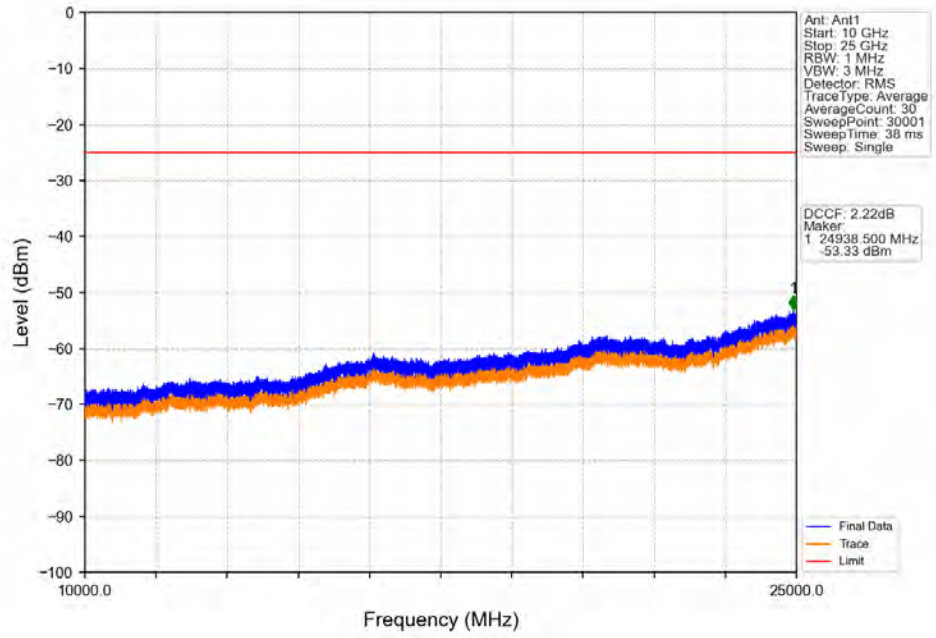


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.040	-48.00	-25	Pass
2495	2570	0.2	/	2	2553.765	-36.61	-10	Pass
2570	2570	0.2	/	/	/	/	/	/

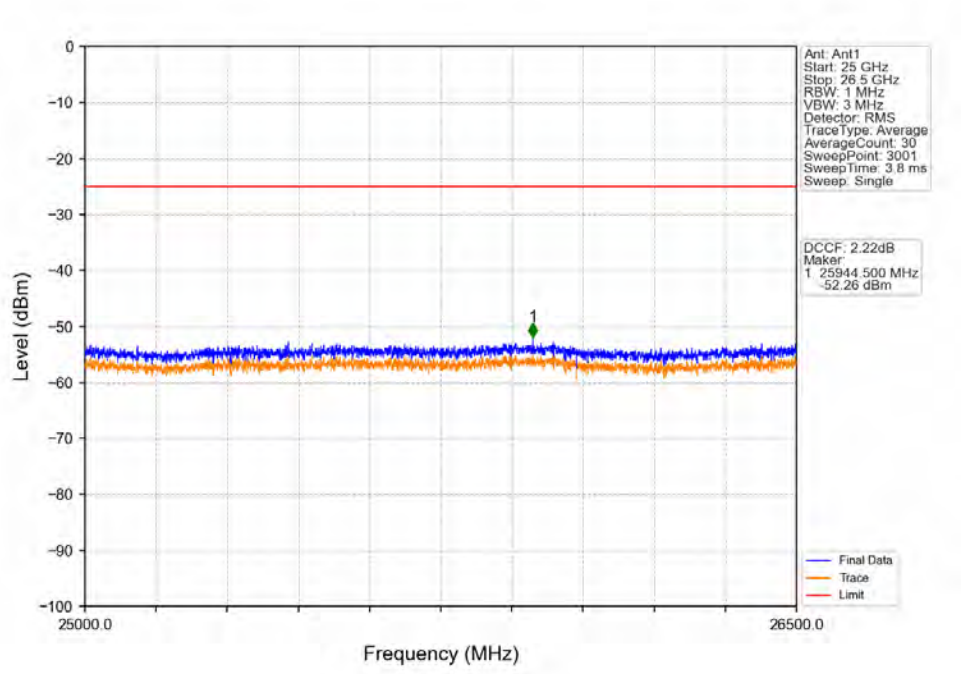
Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



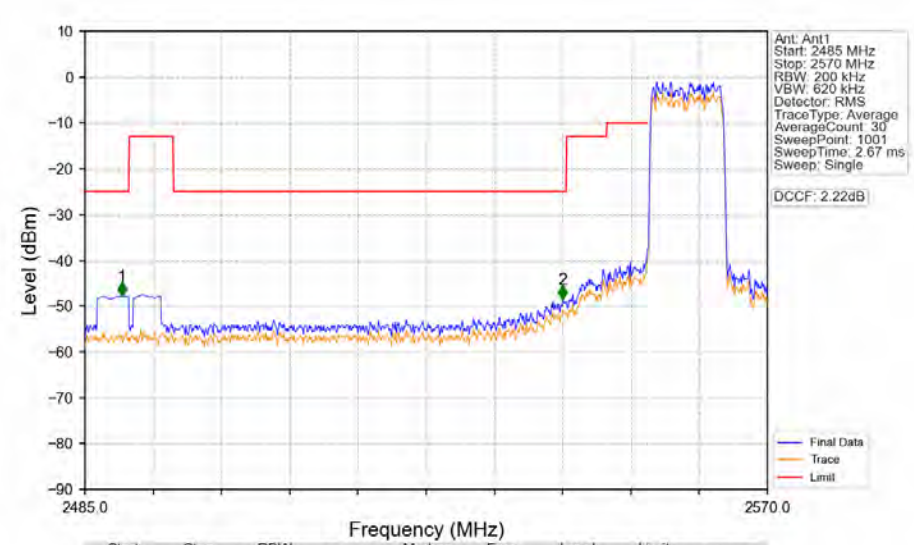
Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2560MHz_RB_1_0_NTNV

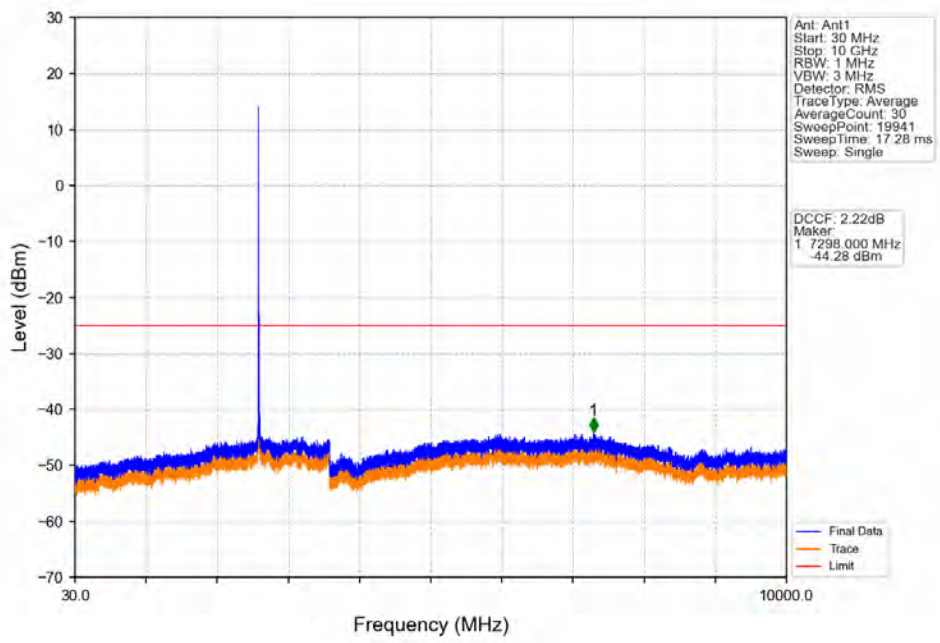


Band41_10MHz_16QAM_LCH_2560MHz_RB_50_0_NTNV

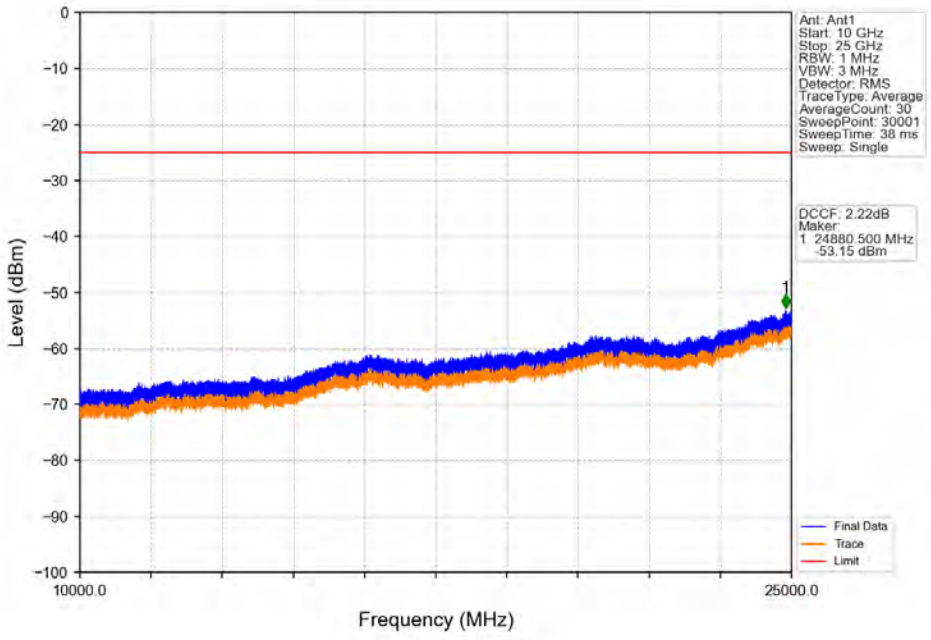


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.590	-47.81	-25	Pass
2495	2570	0.2	/	2	2544.500	-48.58	-25	Pass
2570	2570	0.2	/	/	/	/	/	/

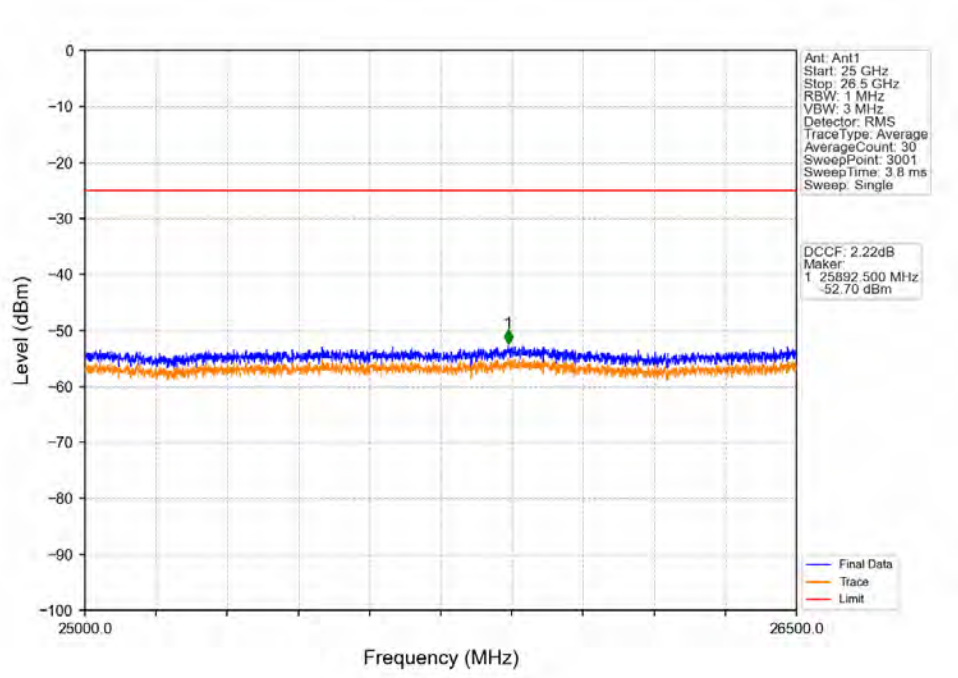
Band41_10MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



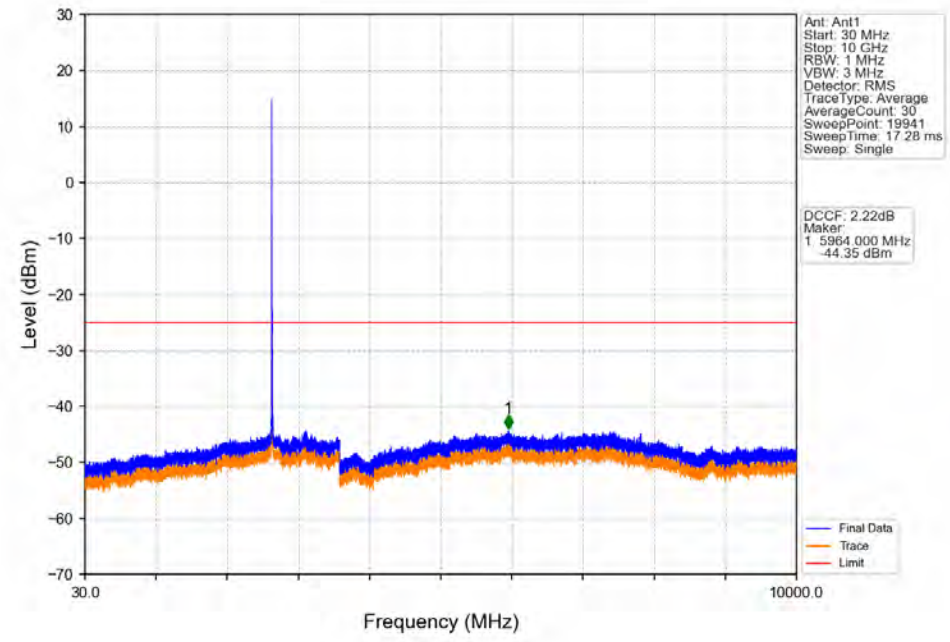
Band41_10MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



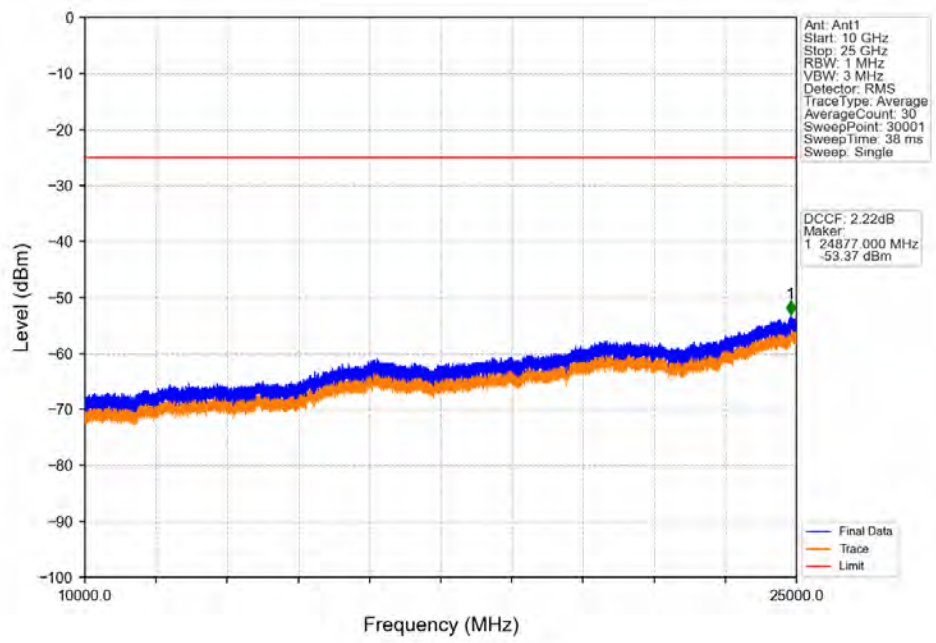
Band41_10MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



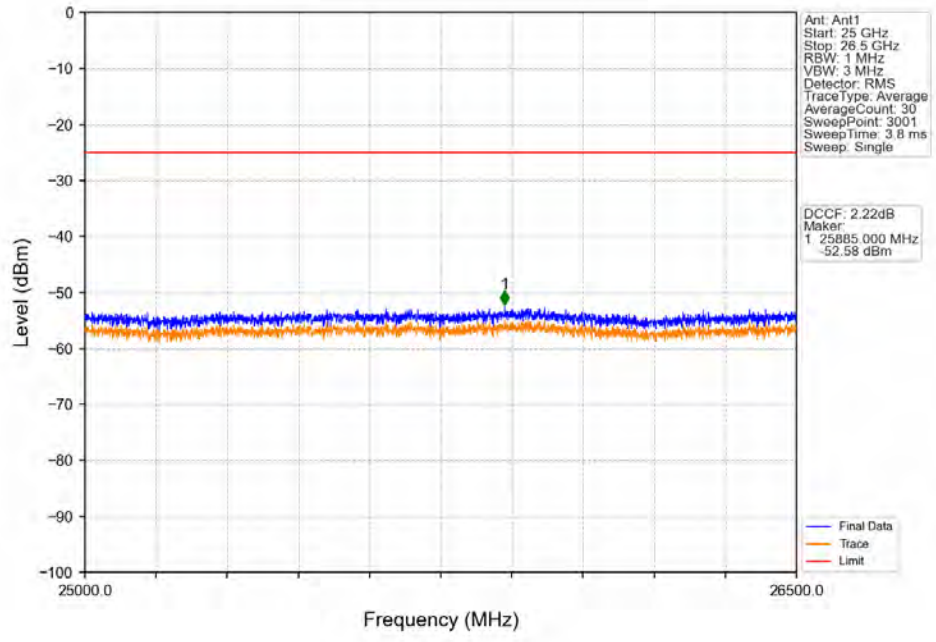
Band41_10MHz_16QAM_HCH_2650MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2650MHz_RB_1_0_NTNV



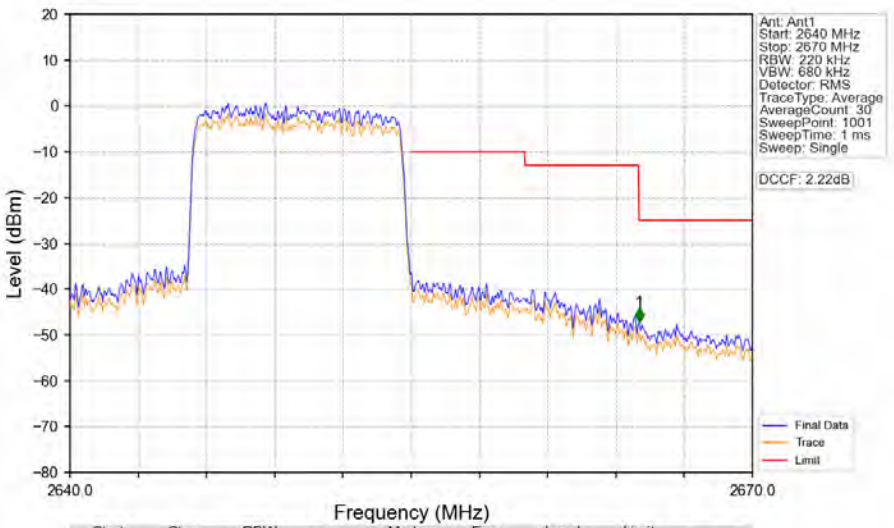
Band41_10MHz_16QAM_HCH_2650MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2650MHz_RB_1_49_NTNV

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2640	2670	0.2	/	/	/	/	/	/
2670	2670	0.2	/	1	2655.000	-20.91	-10	Pass

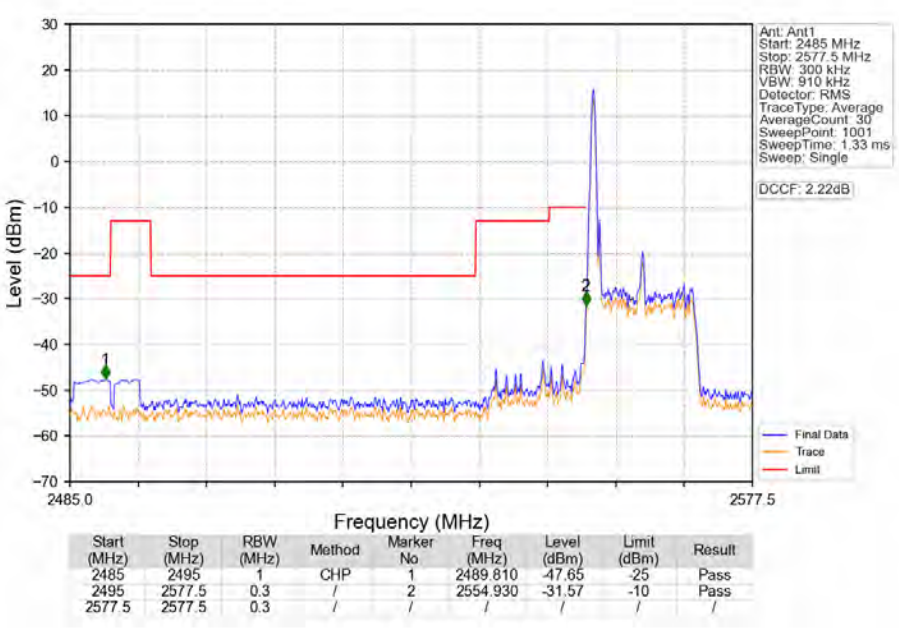
Band41_10MHz_16QAM_HCH_2650MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2640	2670	0.22	/	/	/	/	/	/
2670	2670	0.22	/	1	2665.020	-47.19	-25	Pass

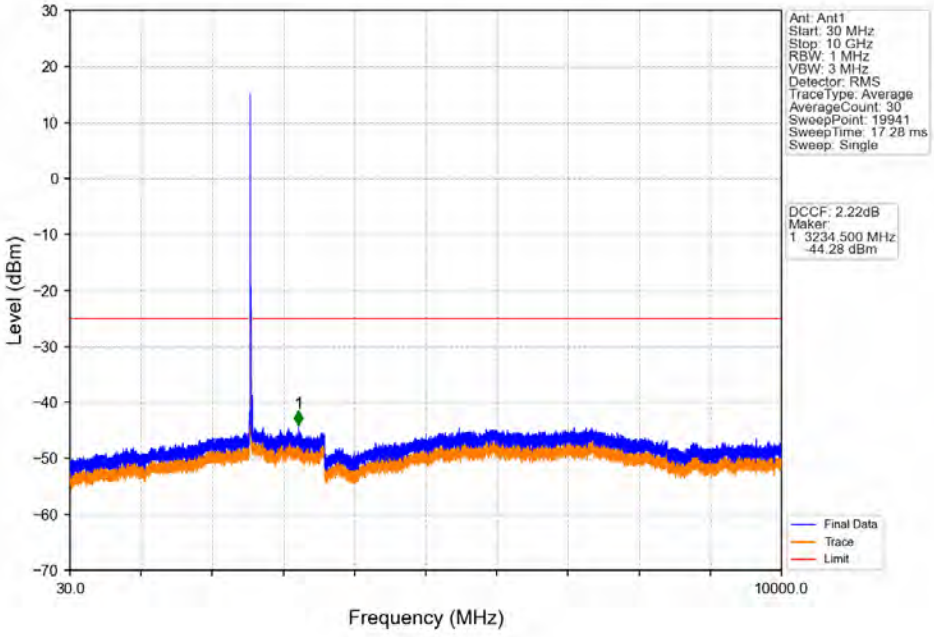
6.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2562.5MHz_RB_1_0_NTNV

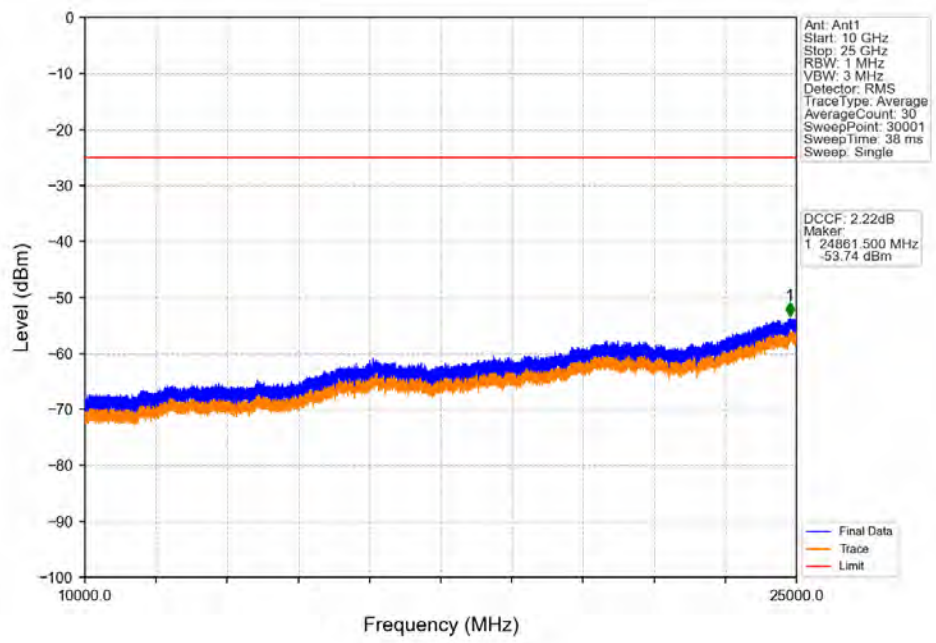


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.810	-47.65	-25	Pass
2495	2577.5	0.3	/	2	2554.930	-31.57	-10	Pass
2577.5	2577.5	0.3	/	/	/	/	/	/

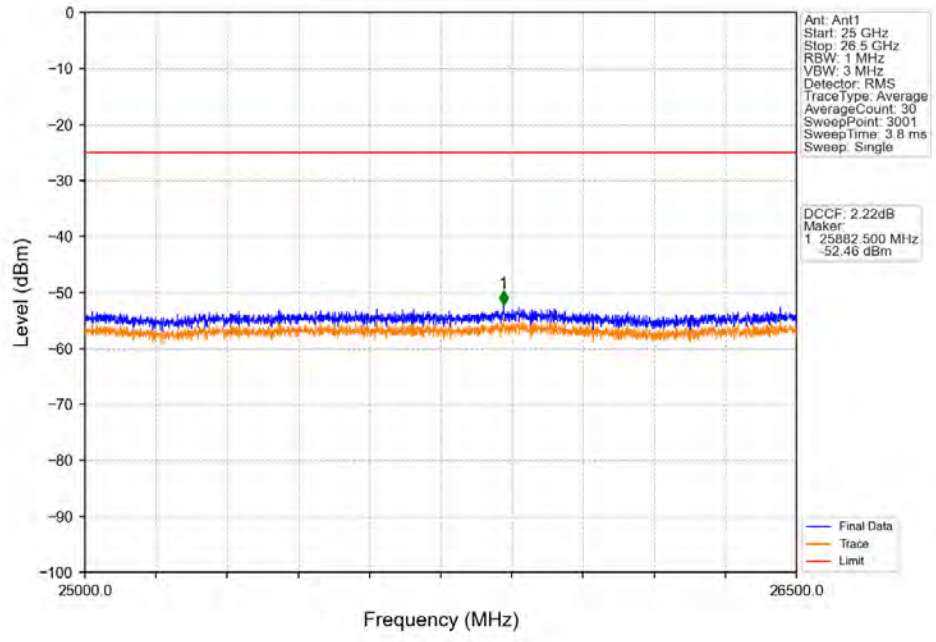
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_1_0_NTNV



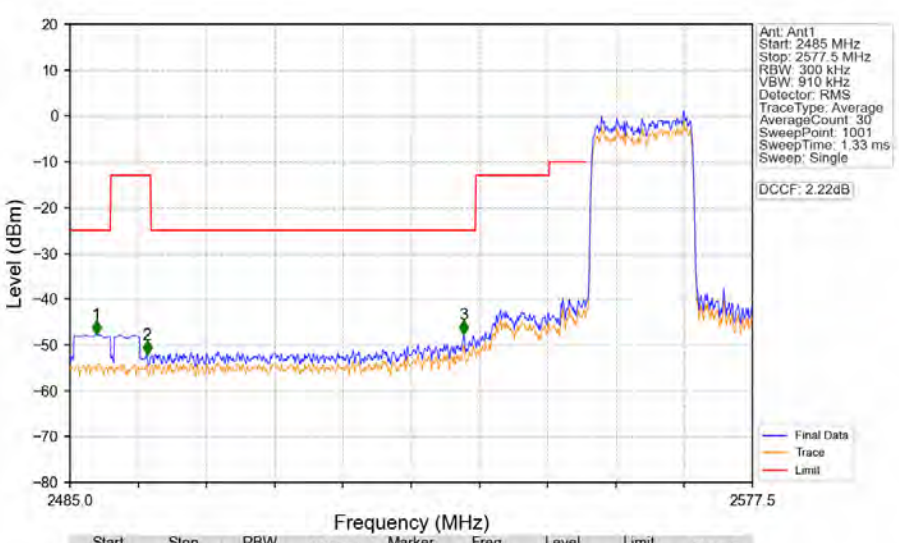
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2562.5MHz_RB_1_0_NTNV

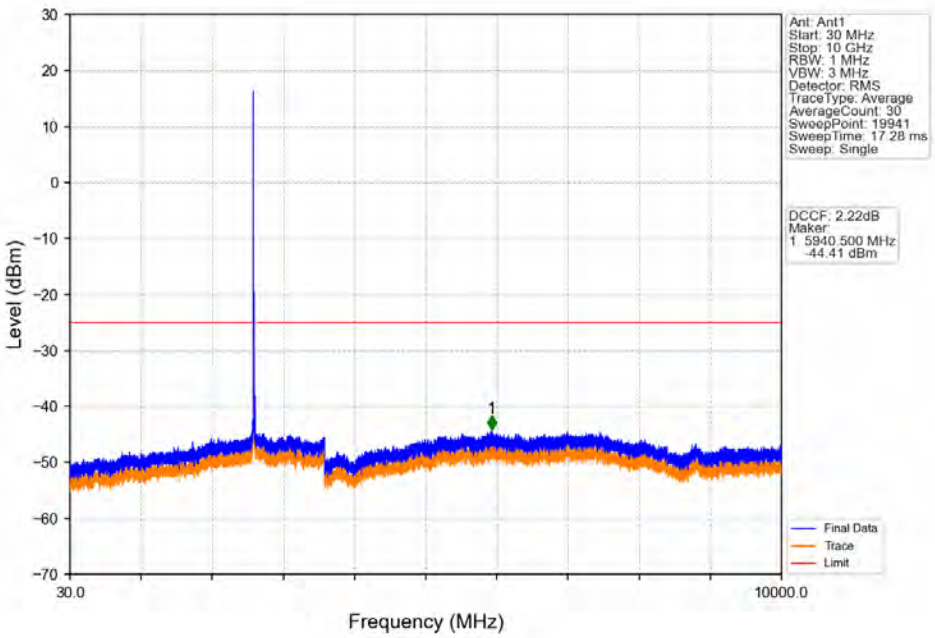


Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV

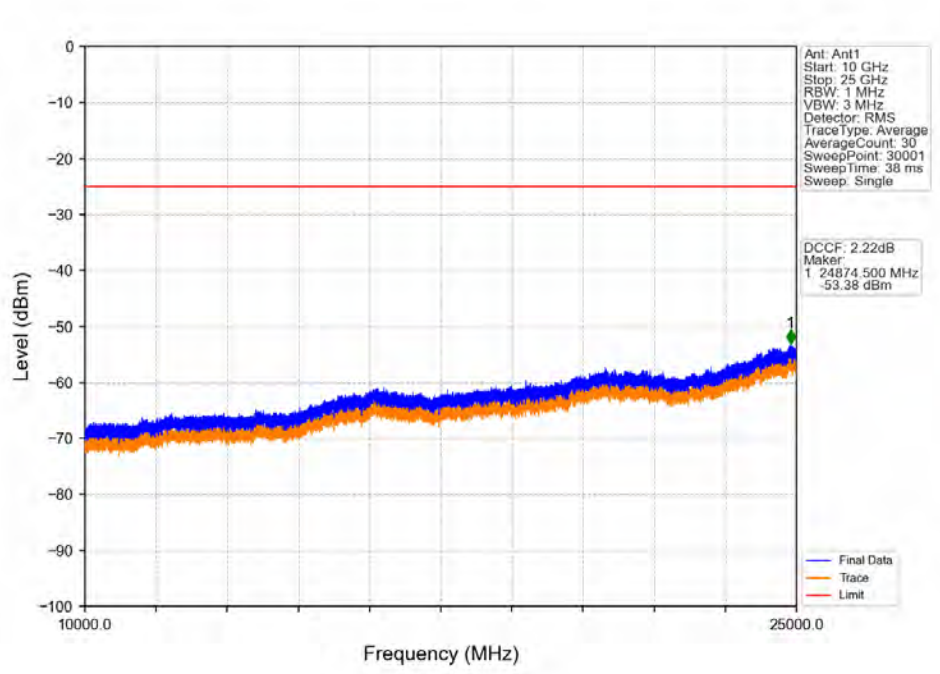


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.608	-47.76	-25	Pass
2495	2496	0.3	/	2	2495.452	-52.09	-13	Pass
2496	2577.5	0.337	/	3	2538.372	-47.80	-25	Pass
2577.5	2577.5	0.337	/	/	/	/	/	/

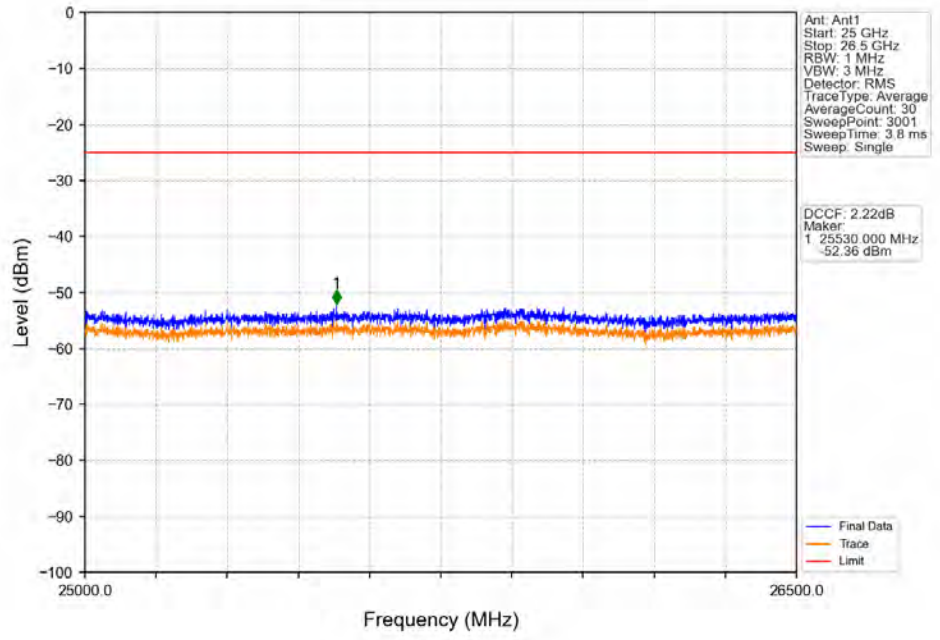
Band41_15MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



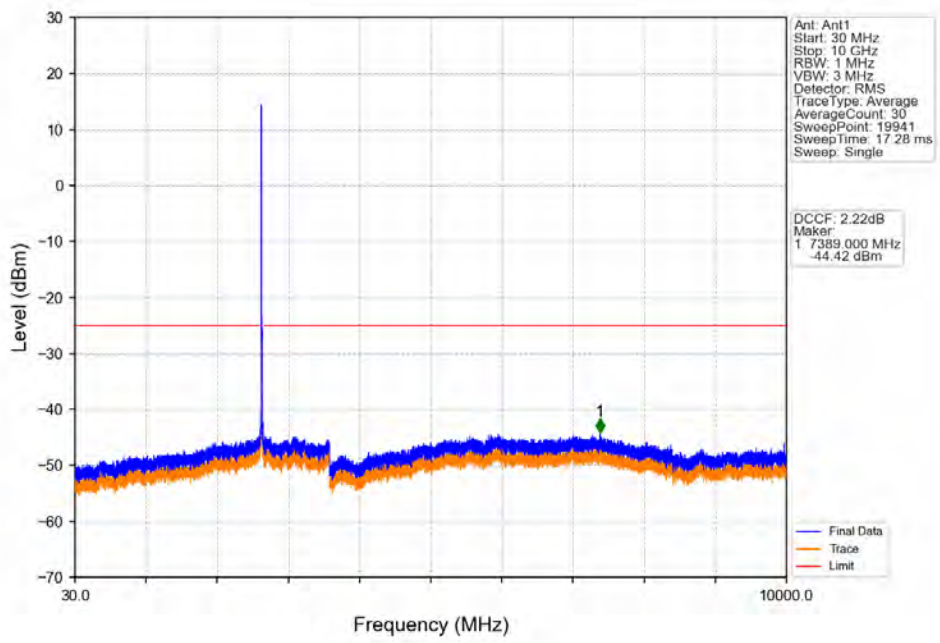
Band41_15MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



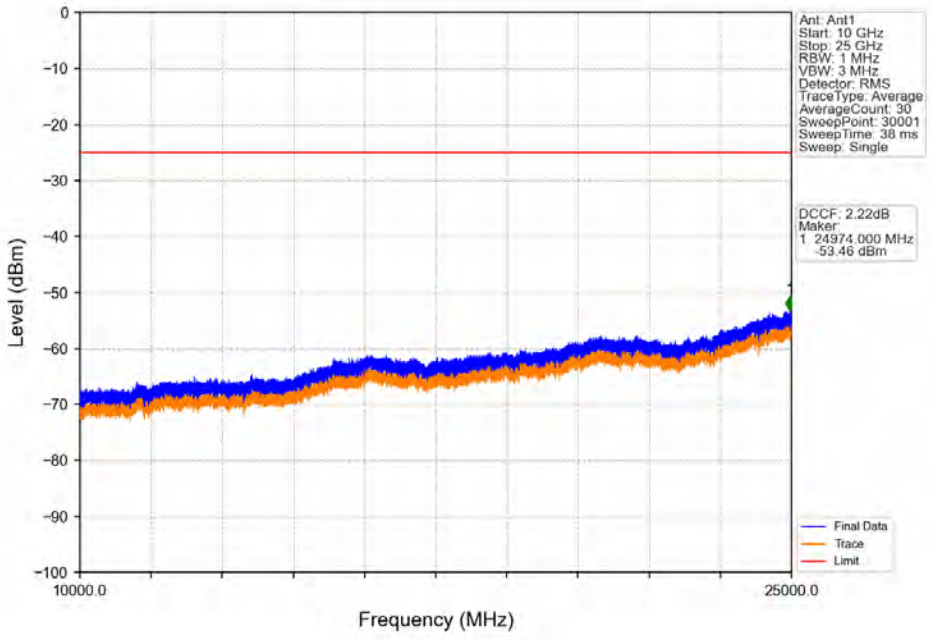
Band41_15MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



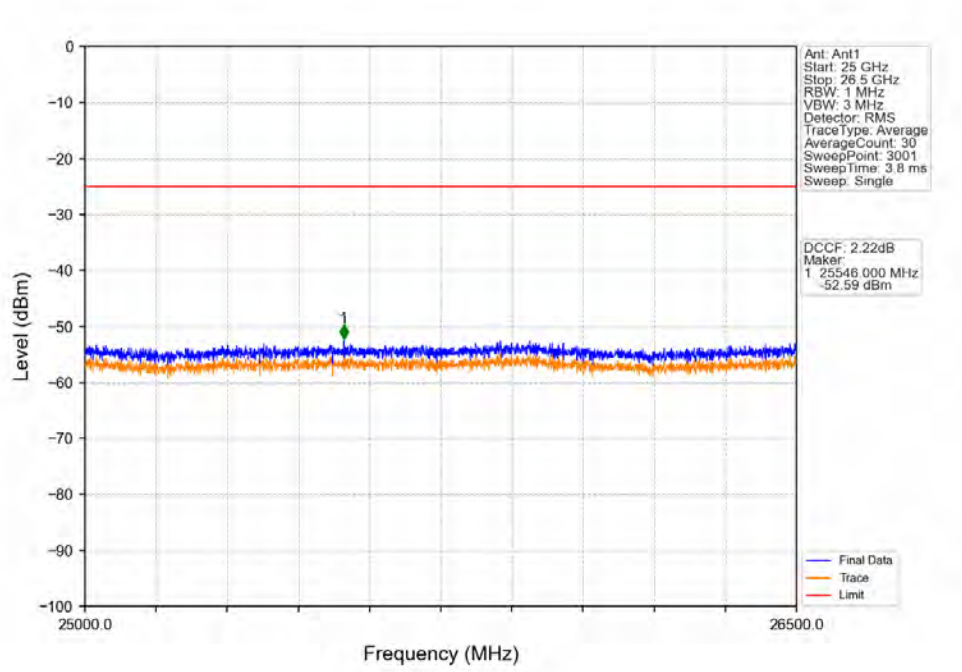
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



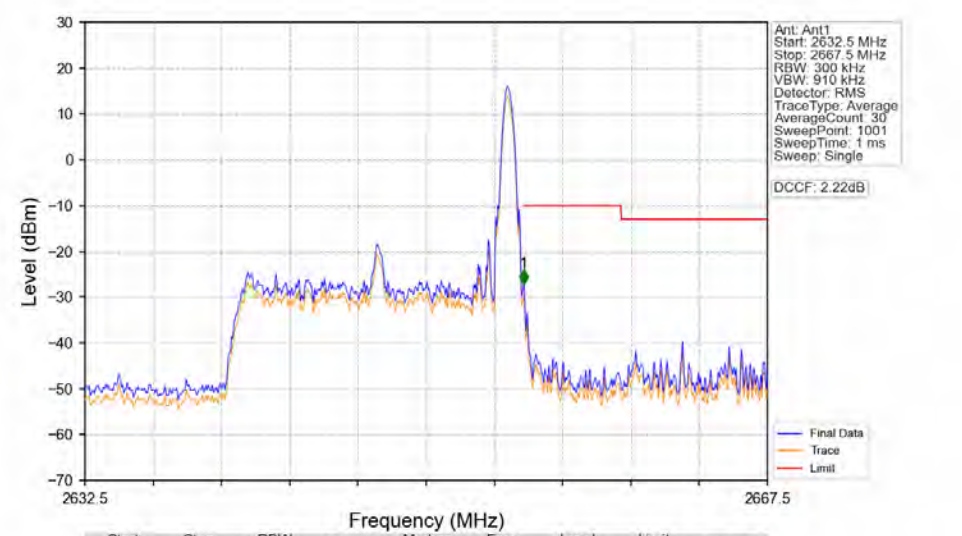
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_0_NTNV

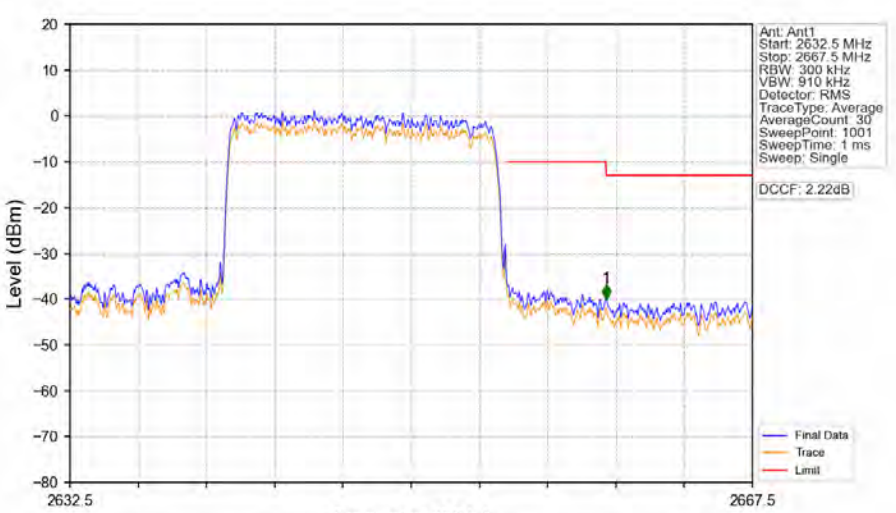


Band41_15MHz_QPSK_HCH_2647.5MHz_RB_1_74_NTNV



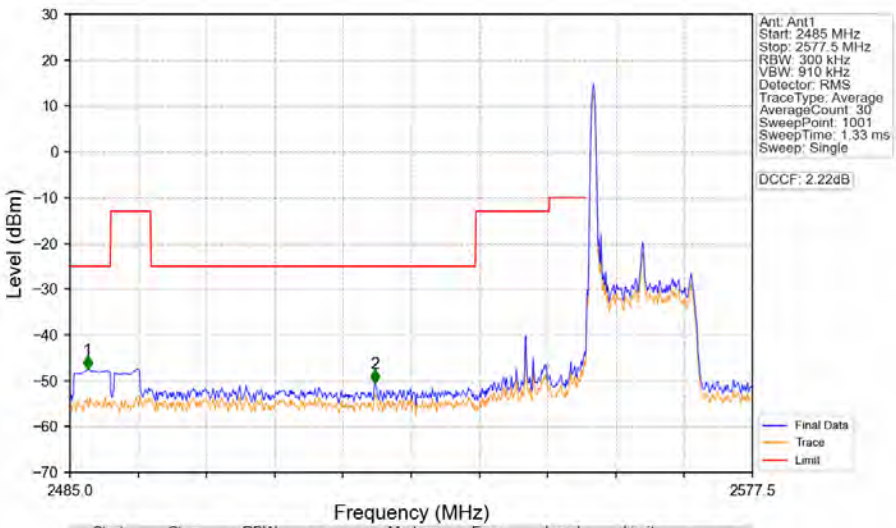
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2632.5	2667.5	0.3	/	/	/	/	/	/
2667.5	2667.5	0.3	/	1	2655.005	-27.08	-10	Pass

Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



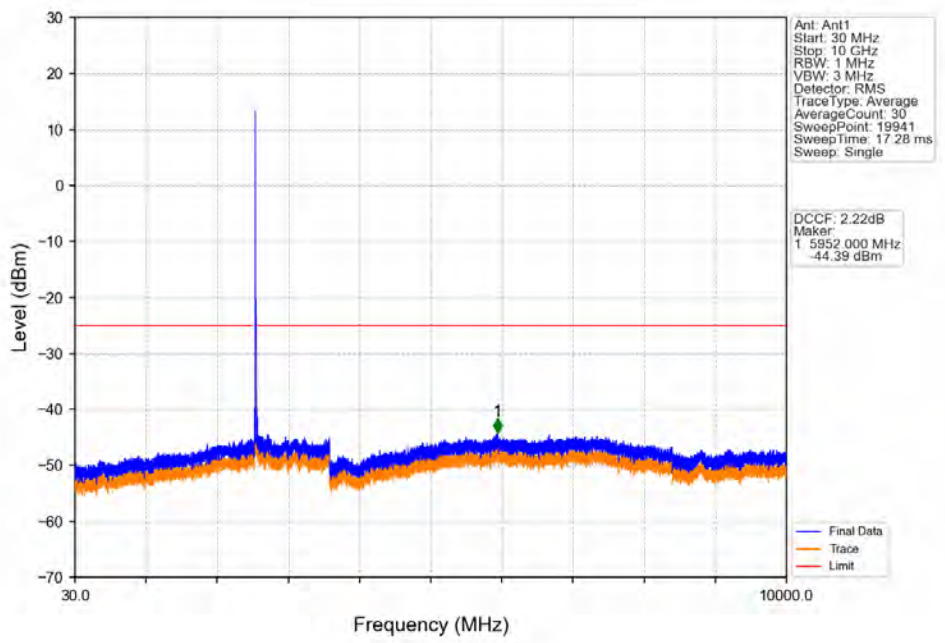
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2632.5	2667.5	0.3	/	/	/	/	/	/
2667.5	2667.5	0.3	/	1	2660.010	-39.90	-13	Pass

Band41_15MHz_16QAM_LCH_2562.5MHz_RB_1_0_NTNV

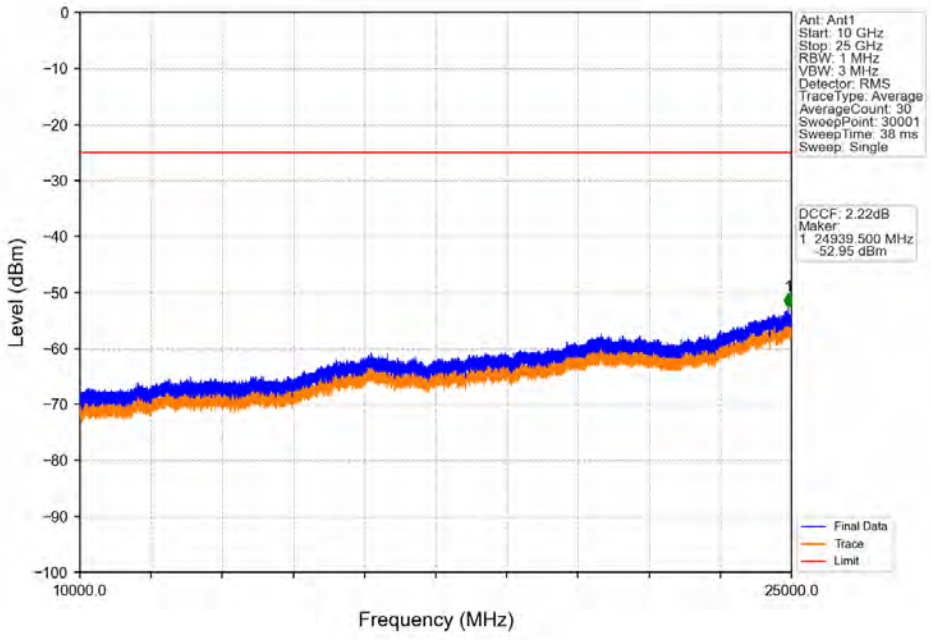


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.405	-47.66	-25	Pass
2495	2577.5	0.3	/	2	2526.347	-50.66	-25	Pass
2577.5	2577.5	0.3	/	/	/	/	/	/

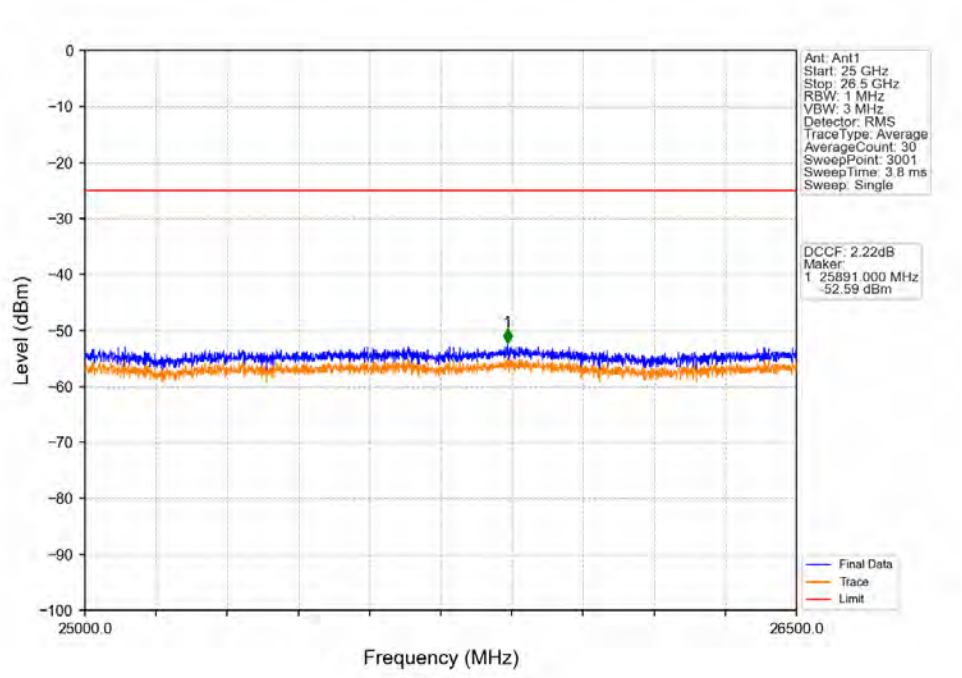
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_1_0_NTNV



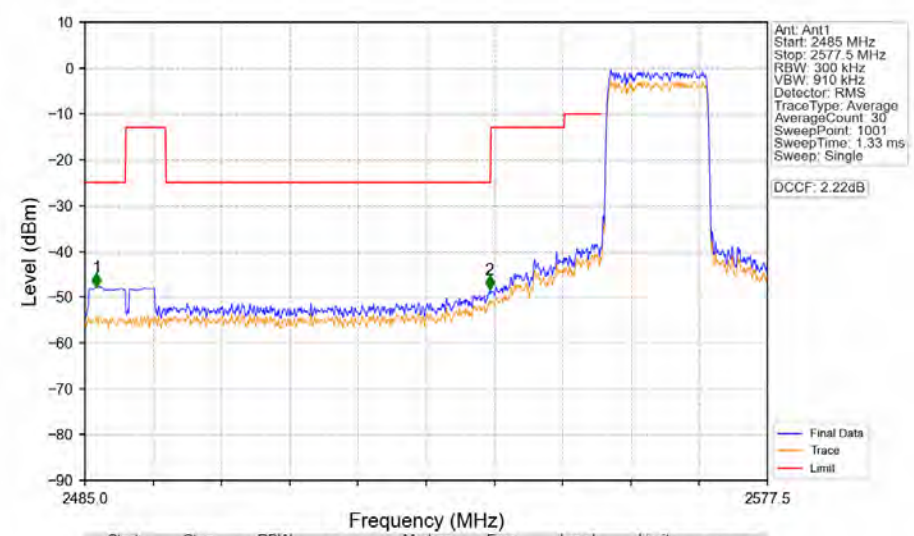
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_LCH_2562.5MHz_RB_1_0_NTNV

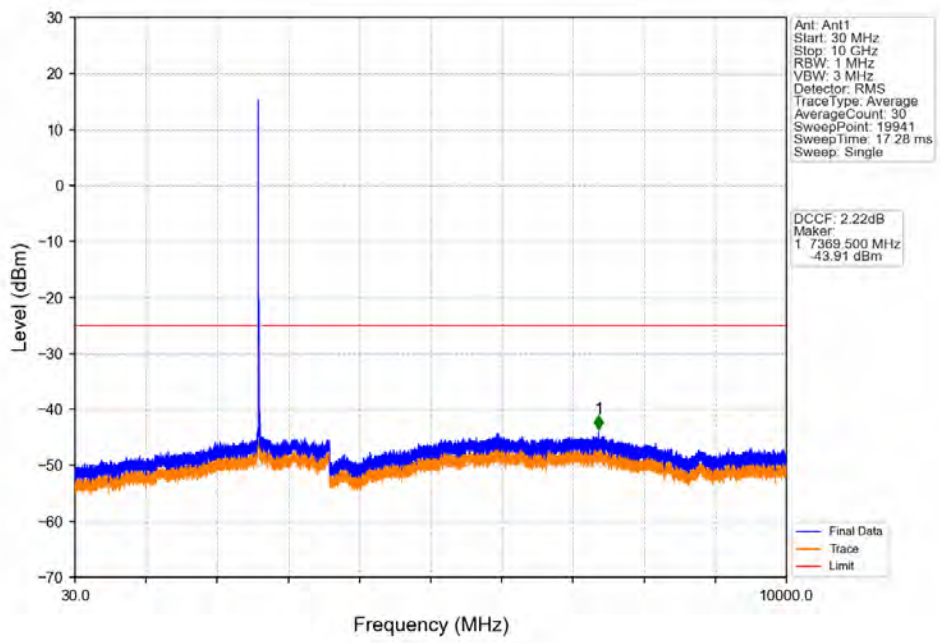


Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV

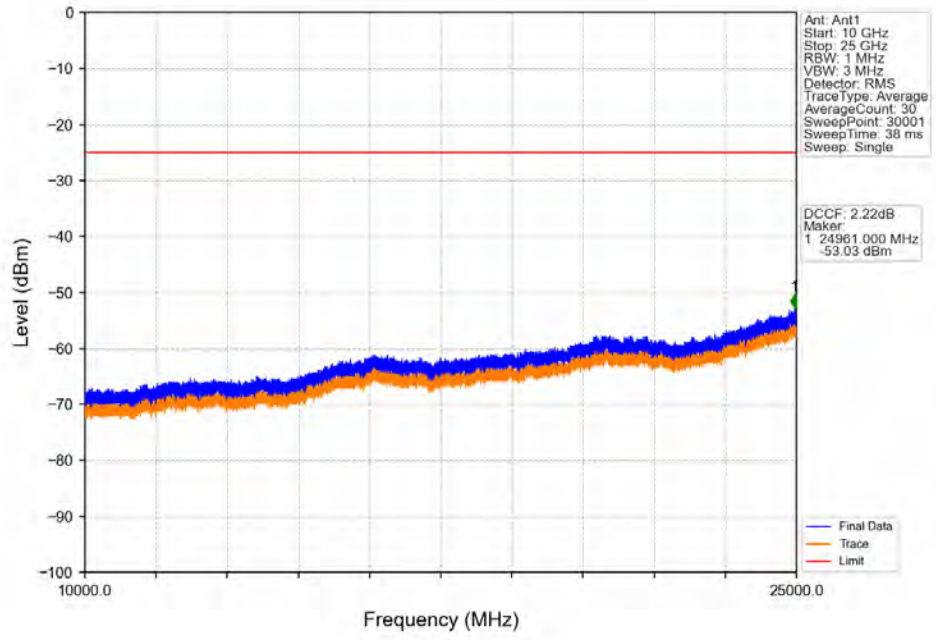


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2486.573	-47.81	-25	Pass
2495	2577.5	0.3	/	2	2539.852	-48.42	-25	Pass
2577.5	2577.5	0.3	/	/	/	/	/	/

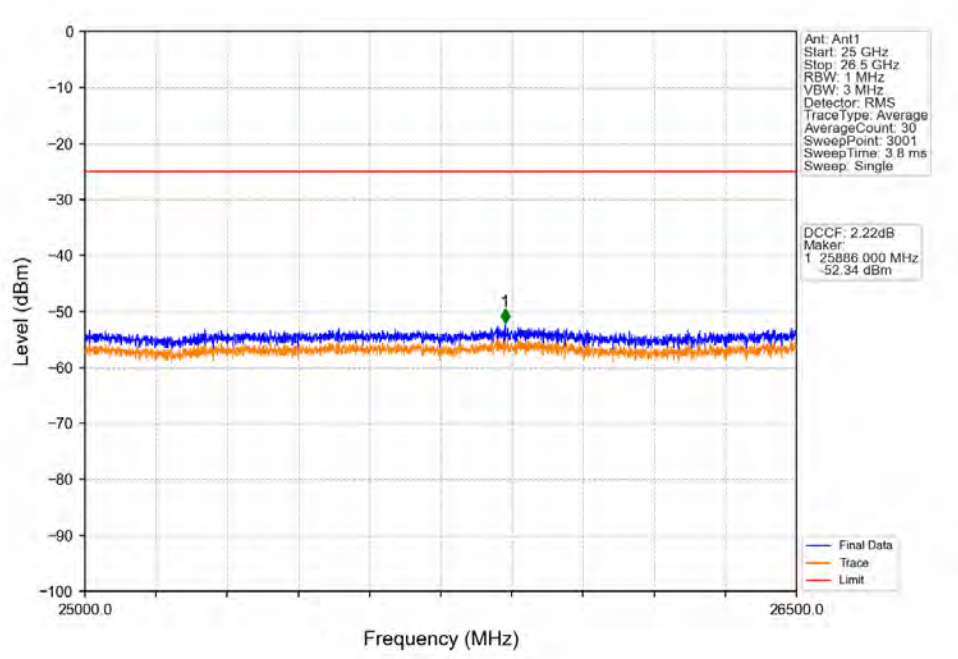
Band41_15MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



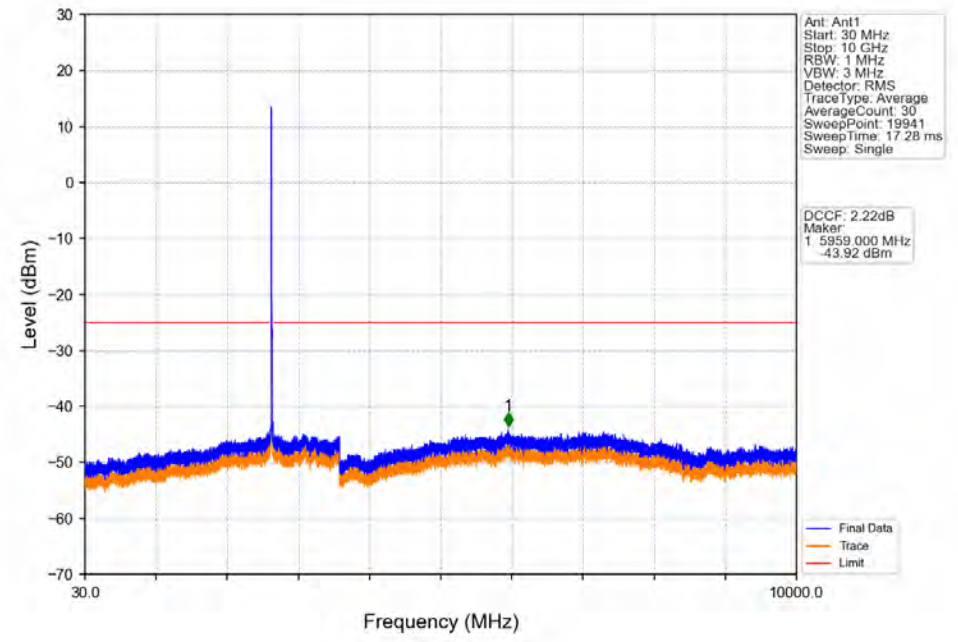
Band41_15MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



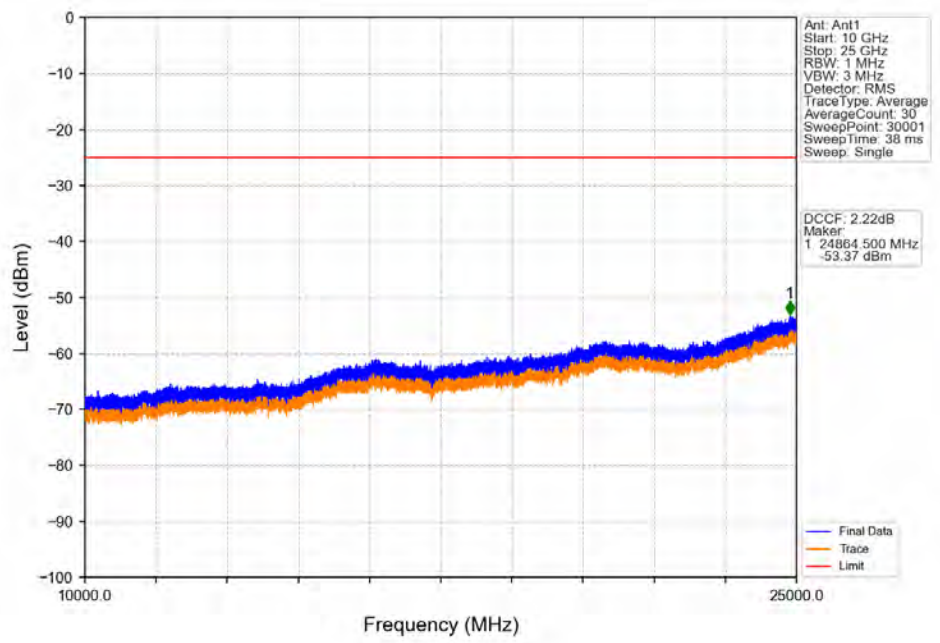
Band41_15MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



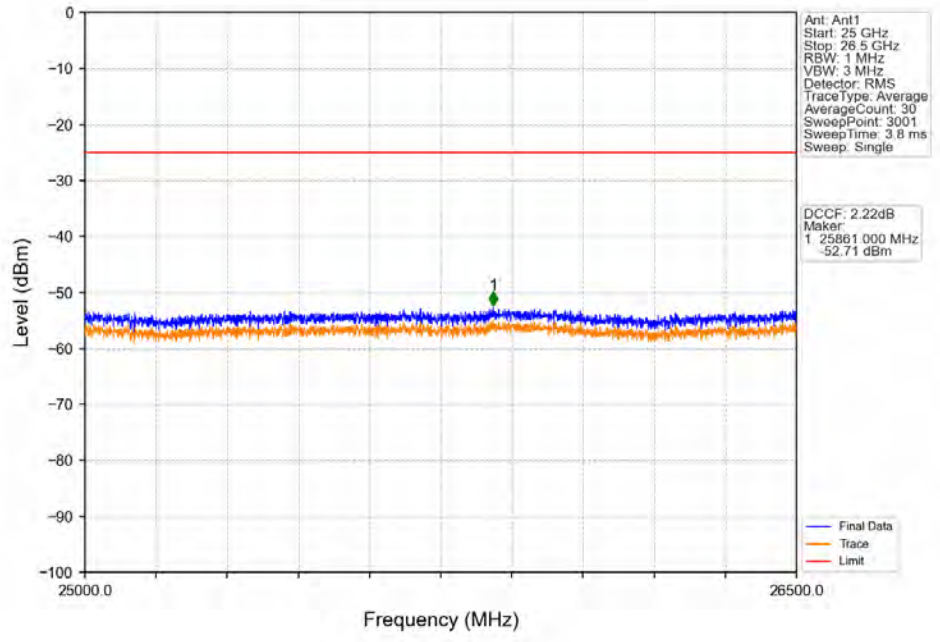
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



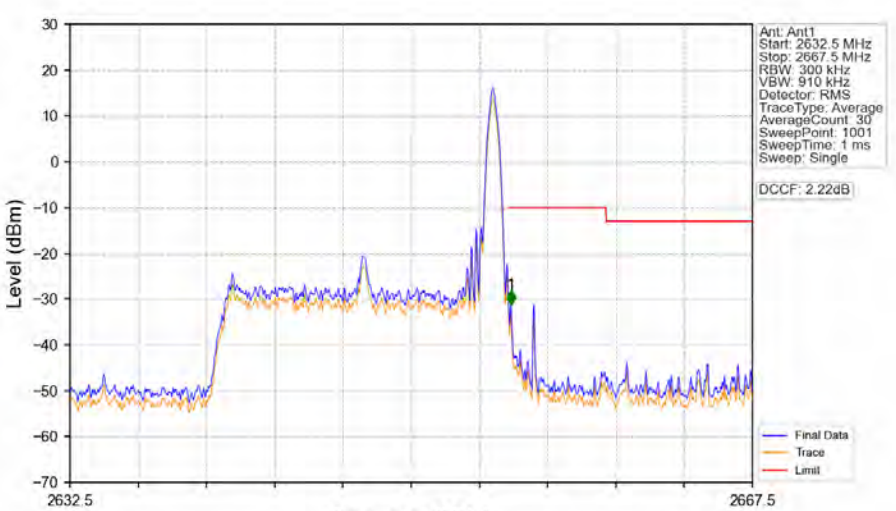
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV



Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_0_NTNV

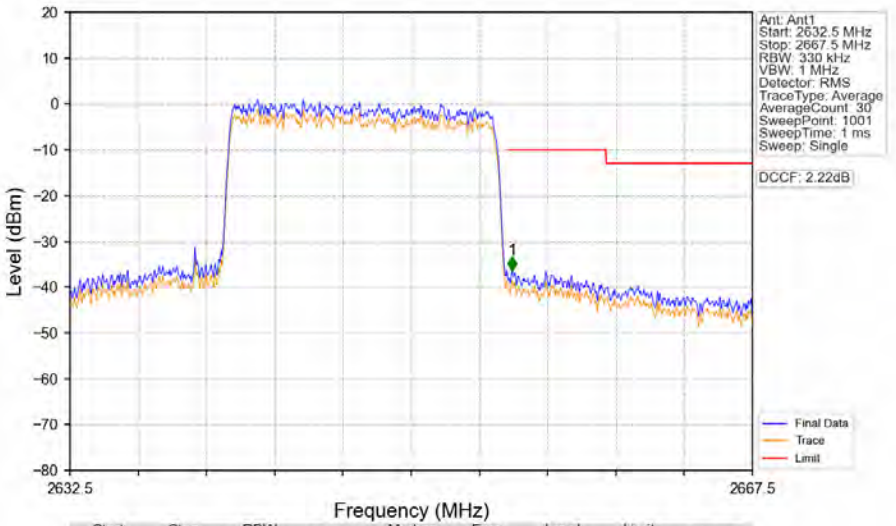


Band41_15MHz_16QAM_HCH_2647.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2632.5	2667.5	0.3	/	/	/	/	/	/
2667.5	2667.5	0.3	/	1	2655.110	-31.18	-10	Pass

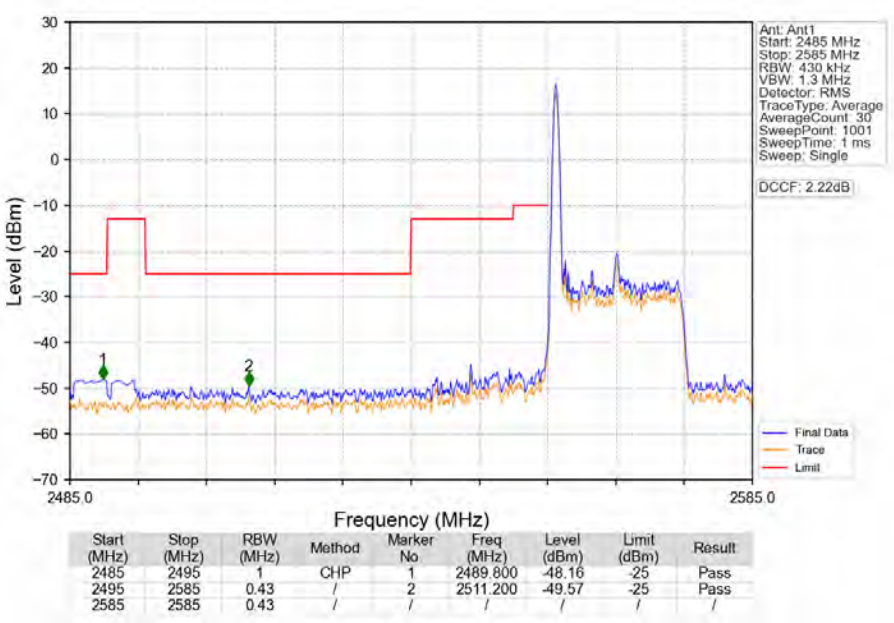
Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2632.5	2667.5	0.33	/	/	/	/	/	/
2667.5	2667.5	0.33	/	1	2655.180	-36.35	-10	Pass

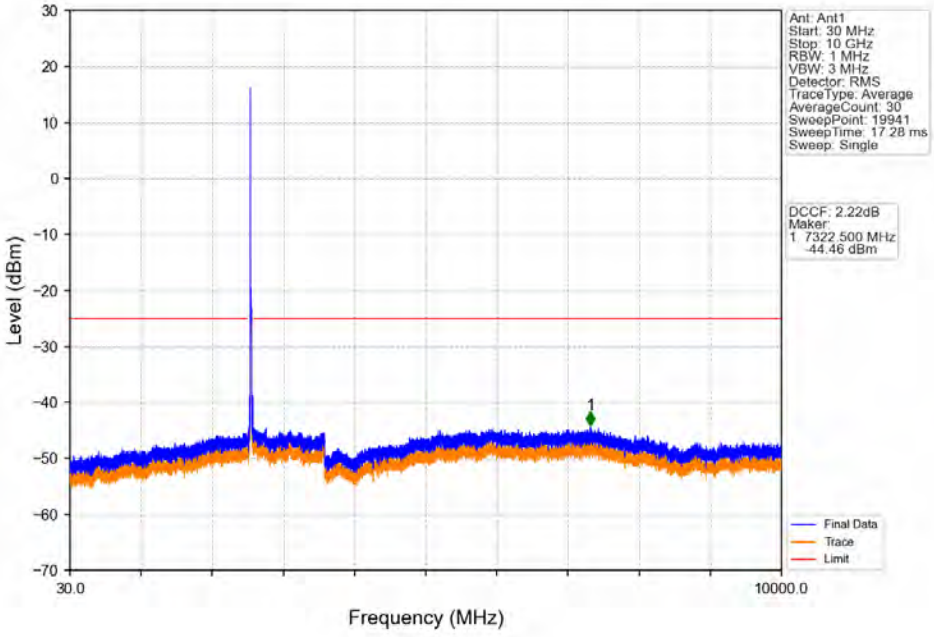
6.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2565MHz_RB_1_0_NTNV

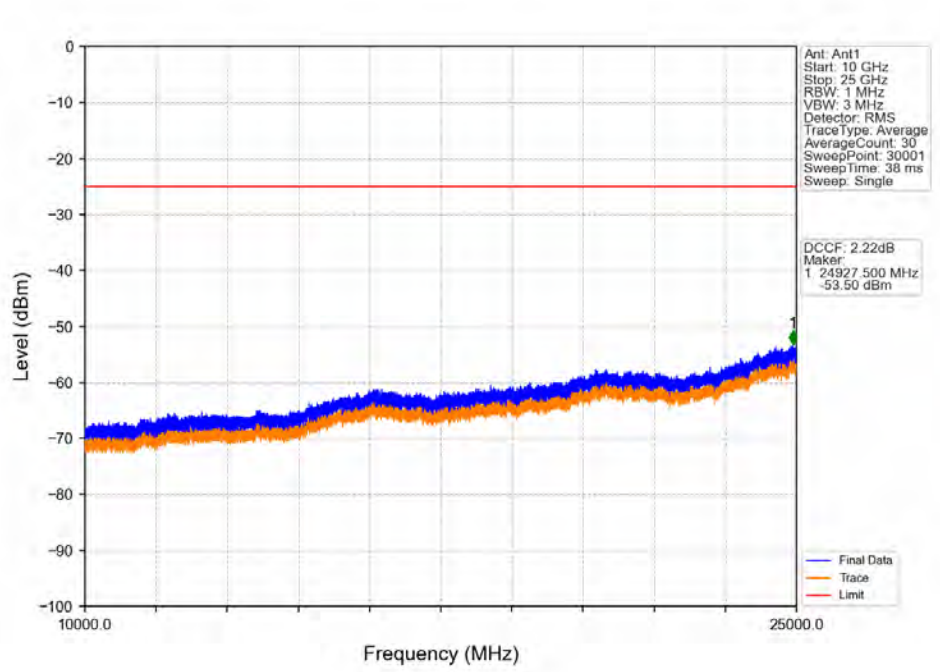


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.800	-48.16	-25	Pass
2495	2585	0.43	/	2	2511.200	-49.57	-25	Pass
2585	2585	0.43	/	/	/	/	/	/

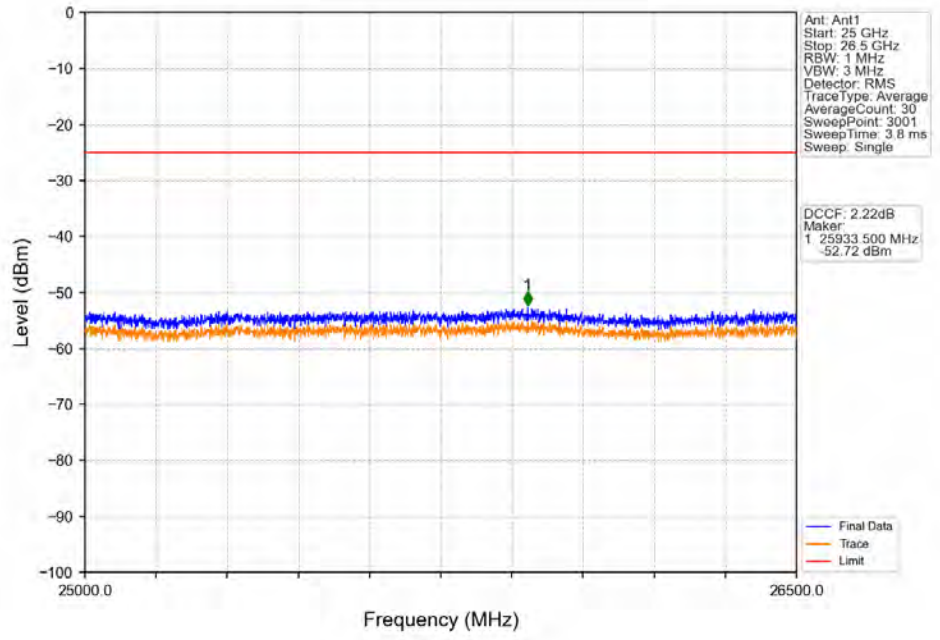
Band41_20MHz_QPSK_LCH_2565MHz_RB_1_0_NTNV



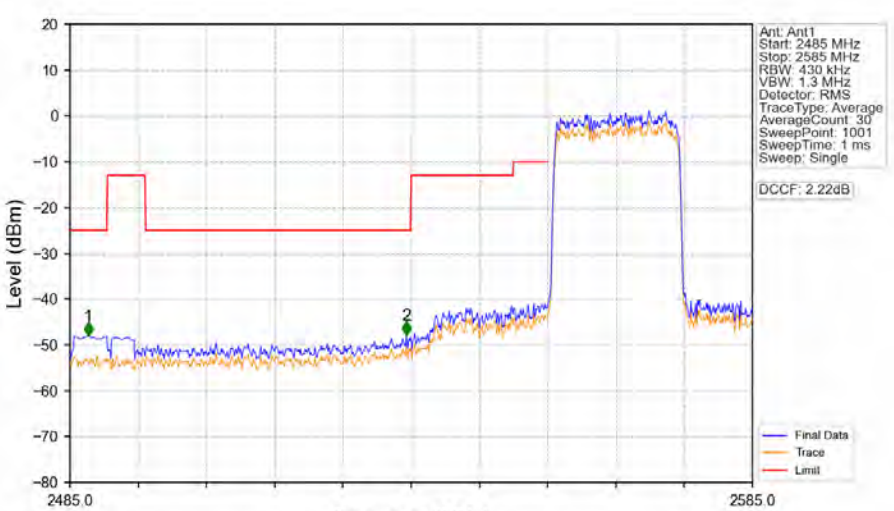
Band41_20MHz_QPSK_LCH_2565MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2565MHz_RB_1_0_NTNV

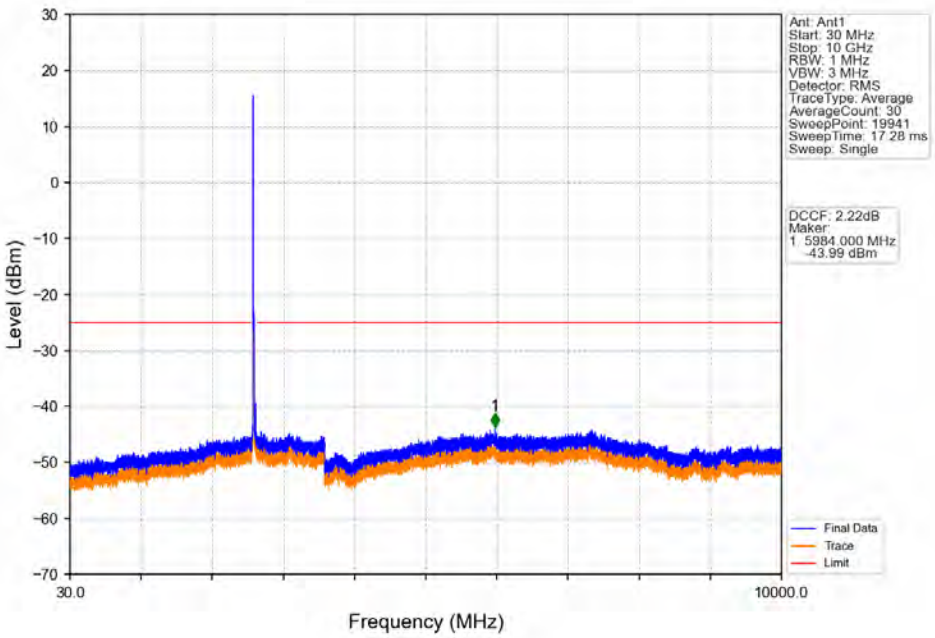


Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV

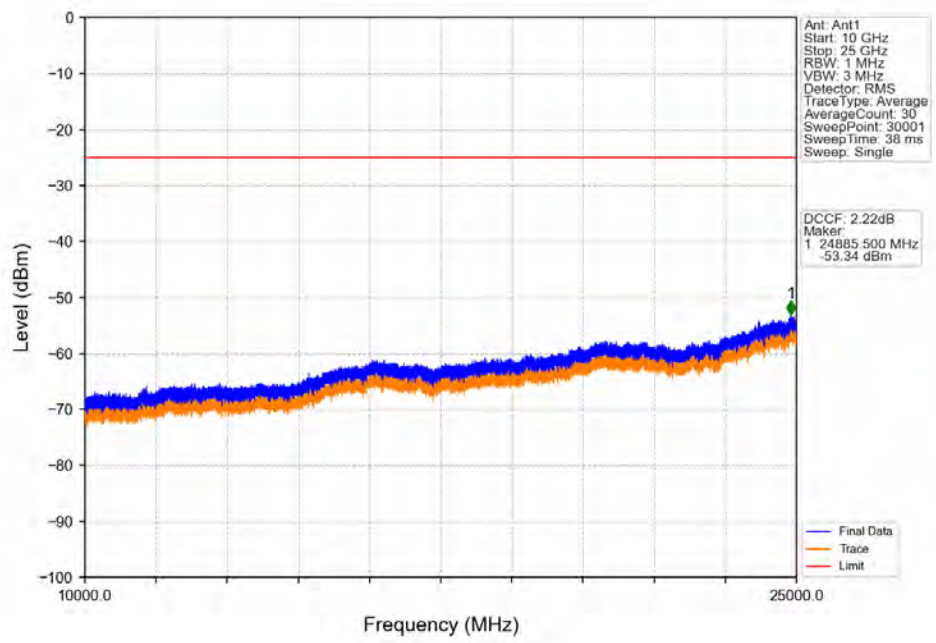


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2487.700	-48.05	-25	Pass
2495	2585	0.43	/	2	2534.300	-47.96	-25	Pass
2585	2585	0.43	/	/	/	/	/	/

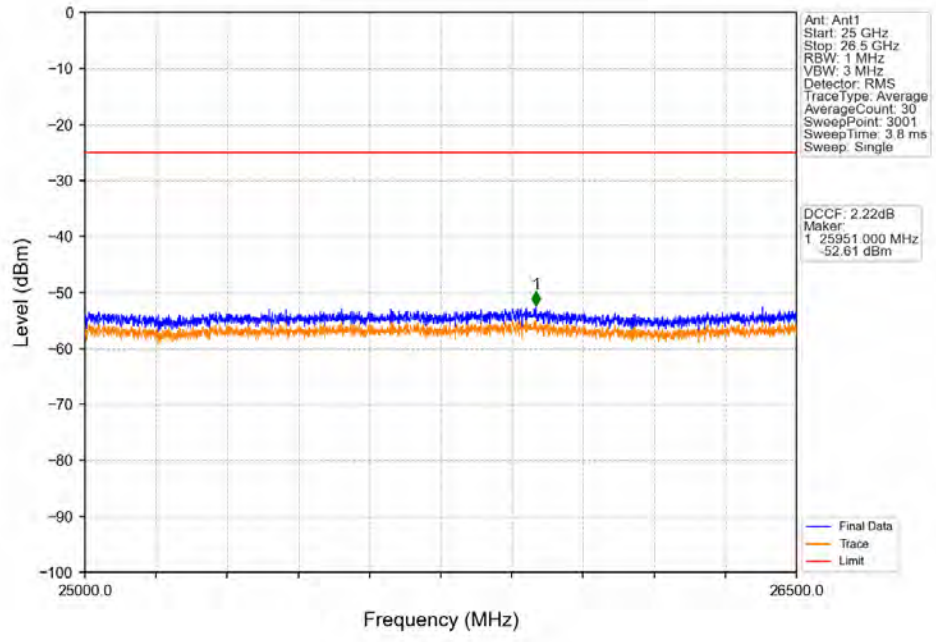
Band41_20MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



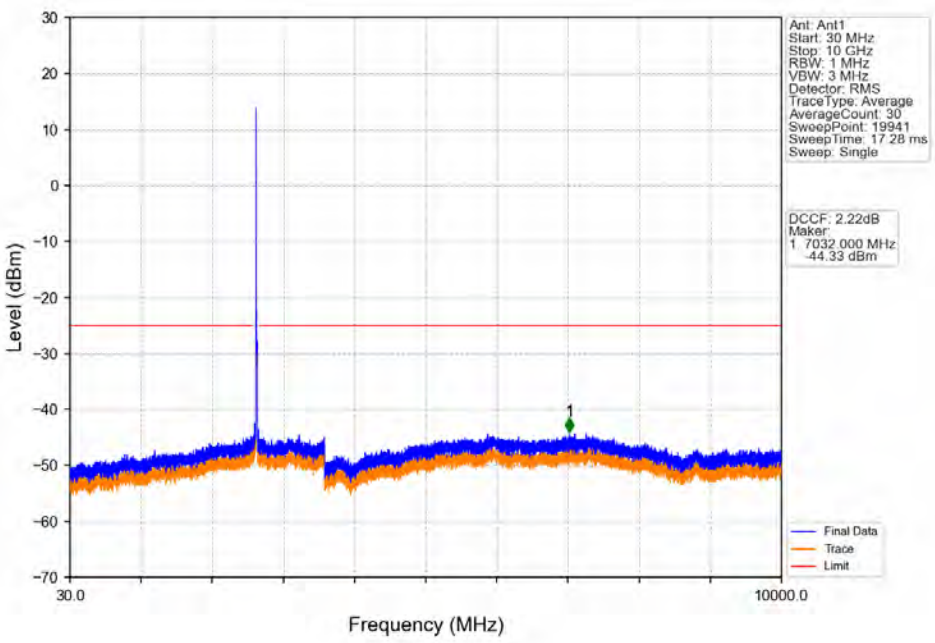
Band41_20MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



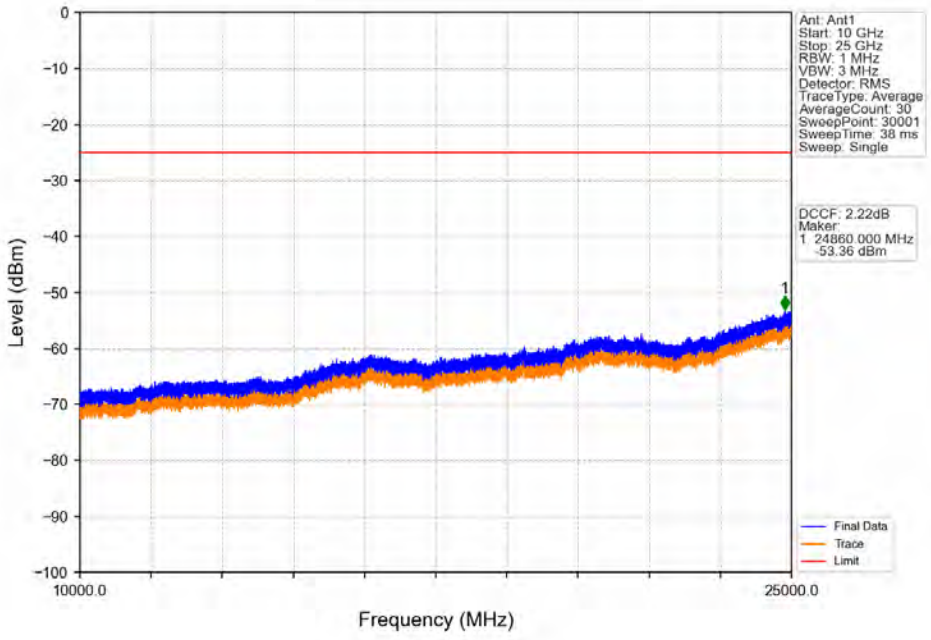
Band41_20MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



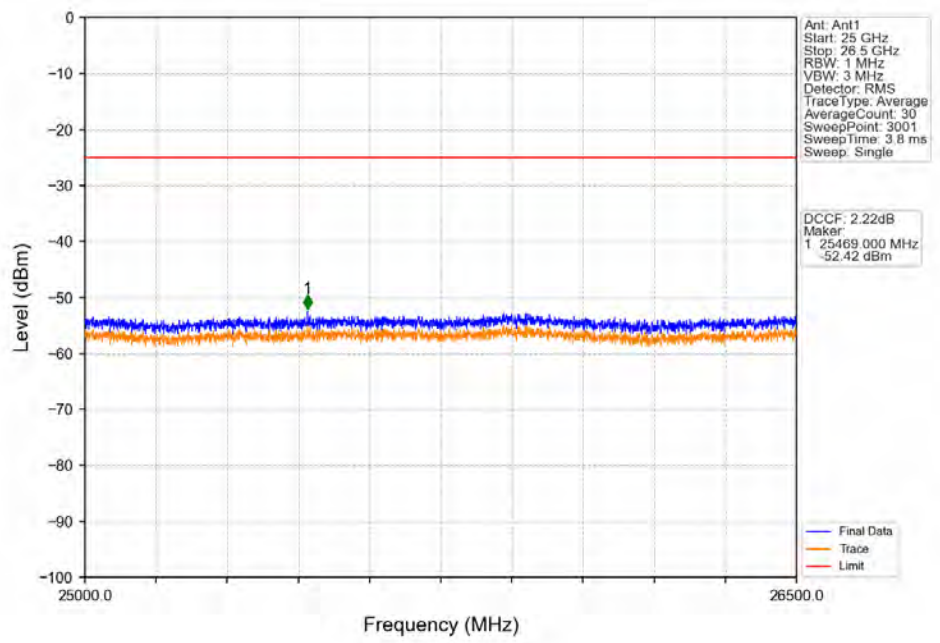
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



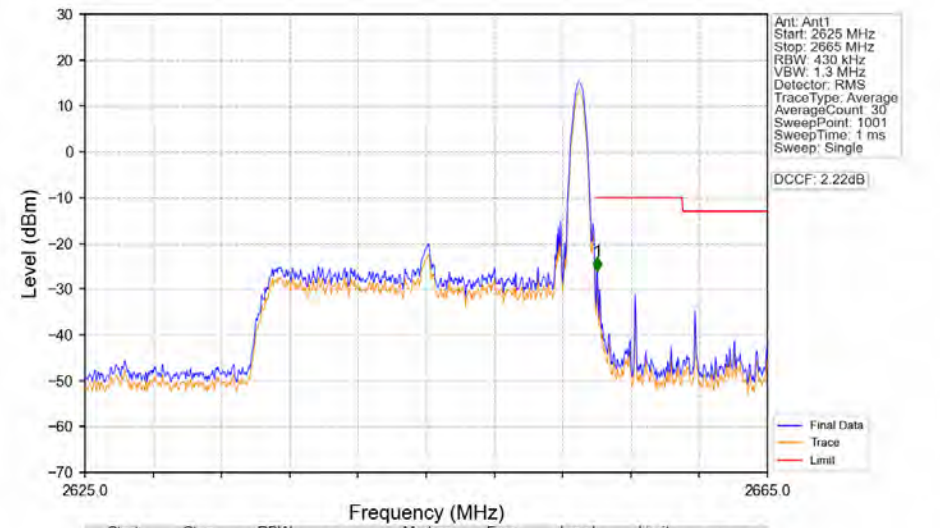
Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2645MHz_RB_1_0_NTNV

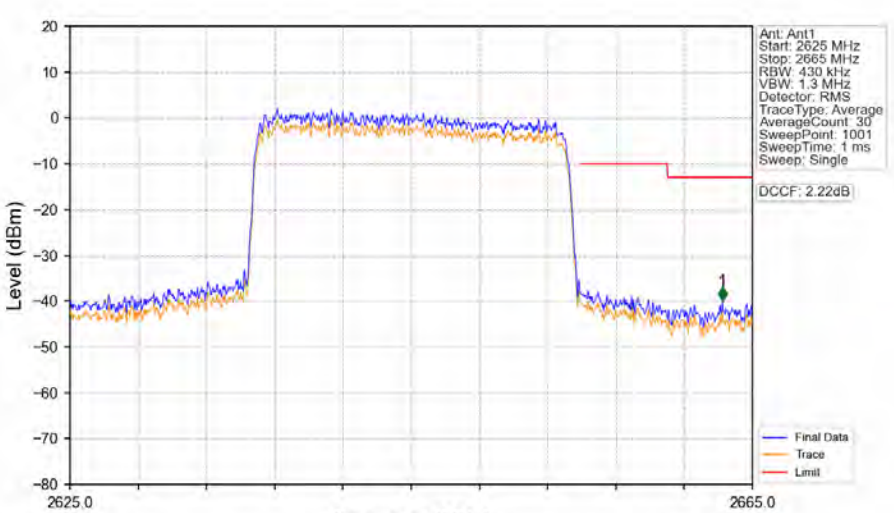


Band41_20MHz_QPSK_HCH_2645MHz_RB_1_99_NTNV



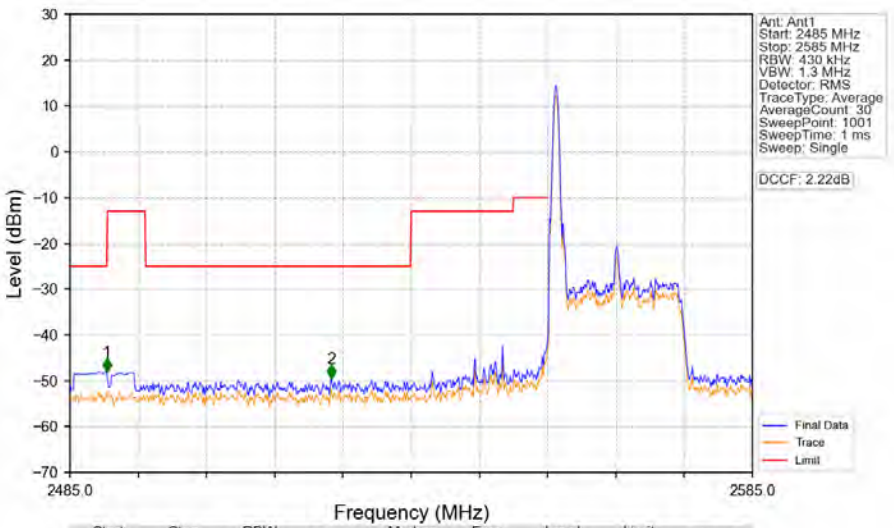
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2625	2665	0.43	/	/	/	/	/	/
2665	2665	0.43	/	1	2655.040	-26.06	-10	Pass

Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



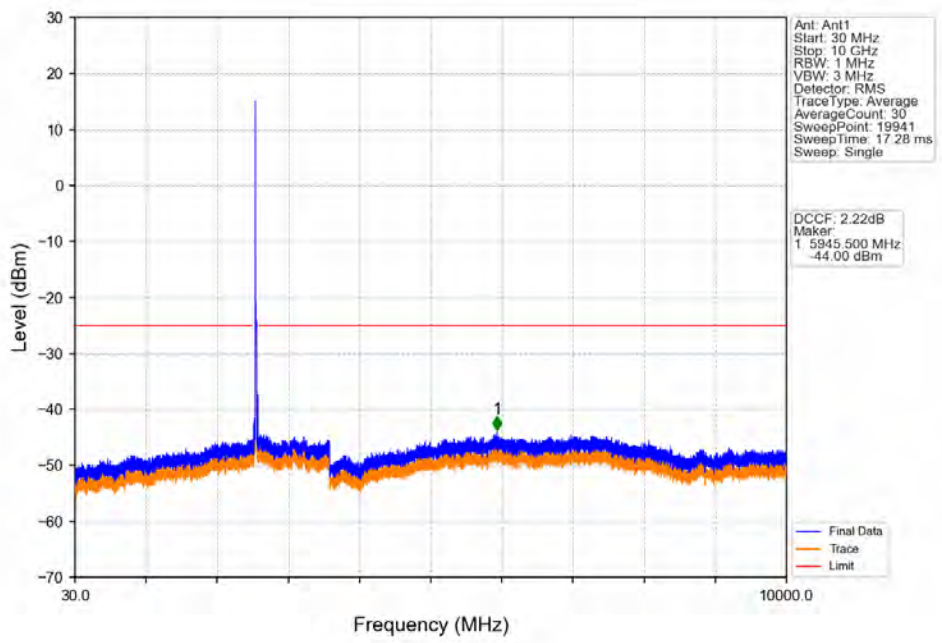
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2625	2665	0.43	/	/	/	/	/	/
2665	2665	0.43	/	1	2663.240	-39.99	-13	Pass

Band41_20MHz_16QAM_LCH_2565MHz_RB_1_0_NTNV

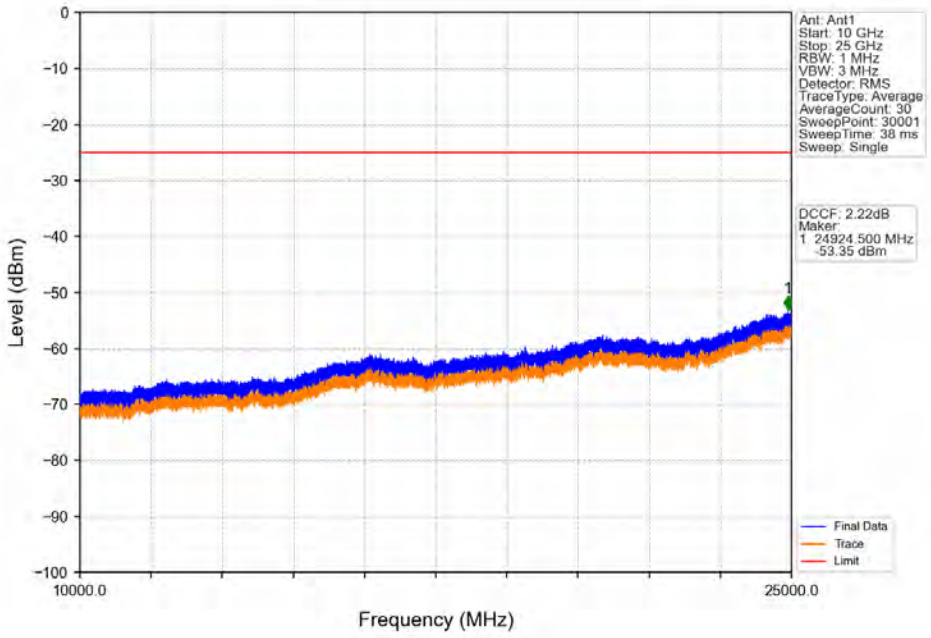


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2490.400	-48.12	-25	Pass
2495	2585	0.43	/	2	2523.300	-49.53	-25	Pass
2585	2585	0.43	/	/	/	/	/	/

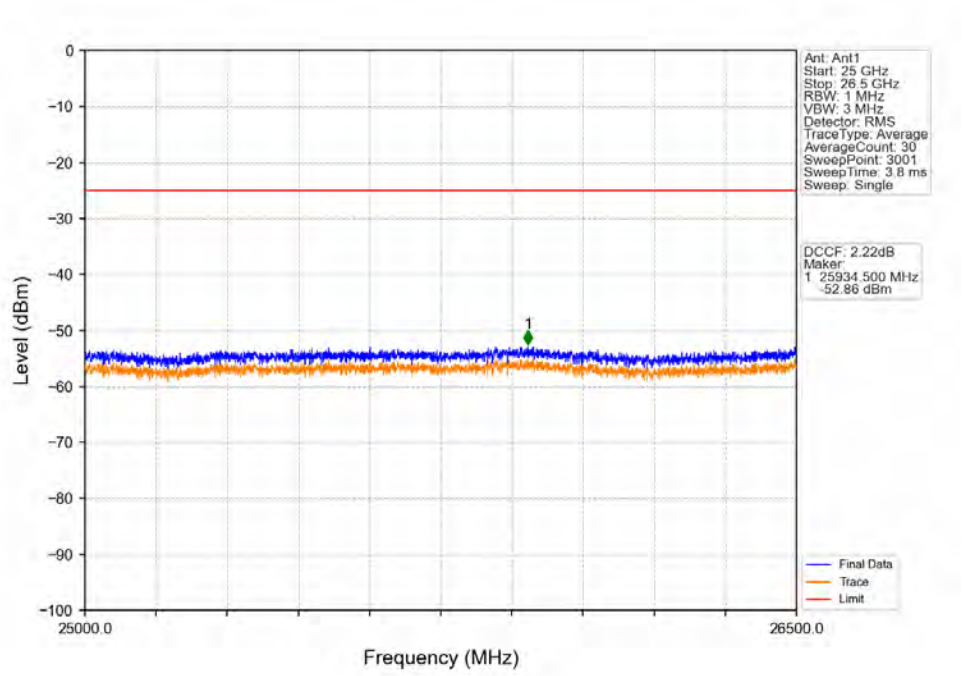
Band41_20MHz_16QAM_LCH_2565MHz_RB_1_0_NTNV



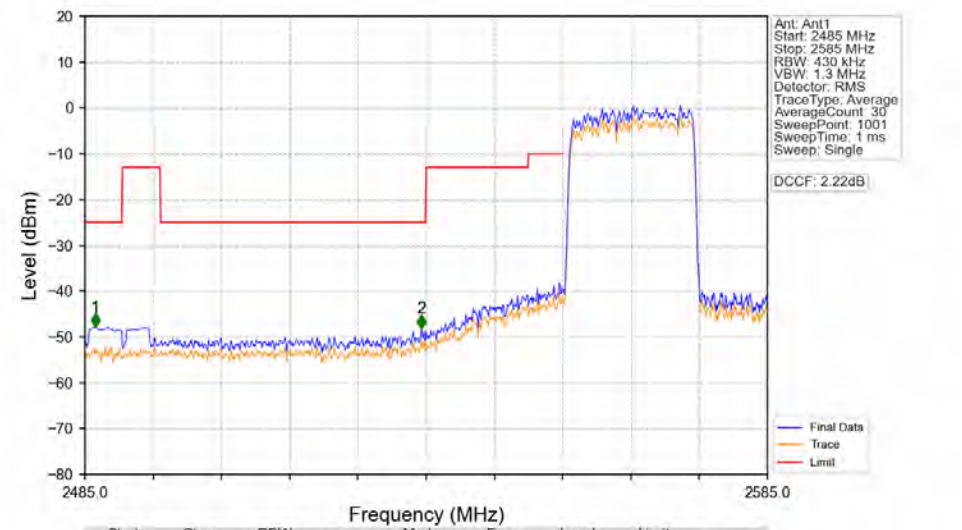
Band41_20MHz_16QAM_LCH_2565MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_LCH_2565MHz_RB_1_0_NTNV

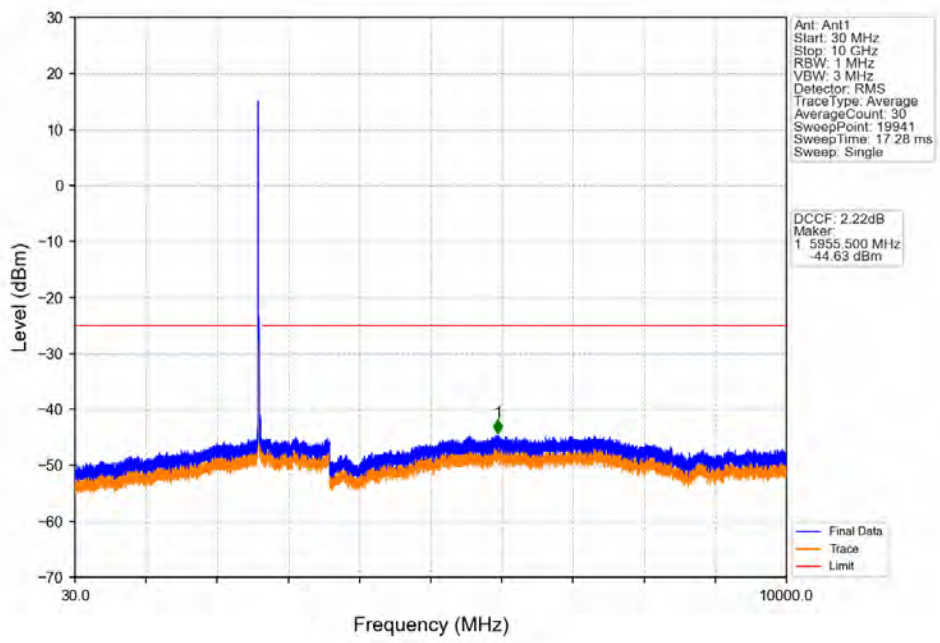


Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV

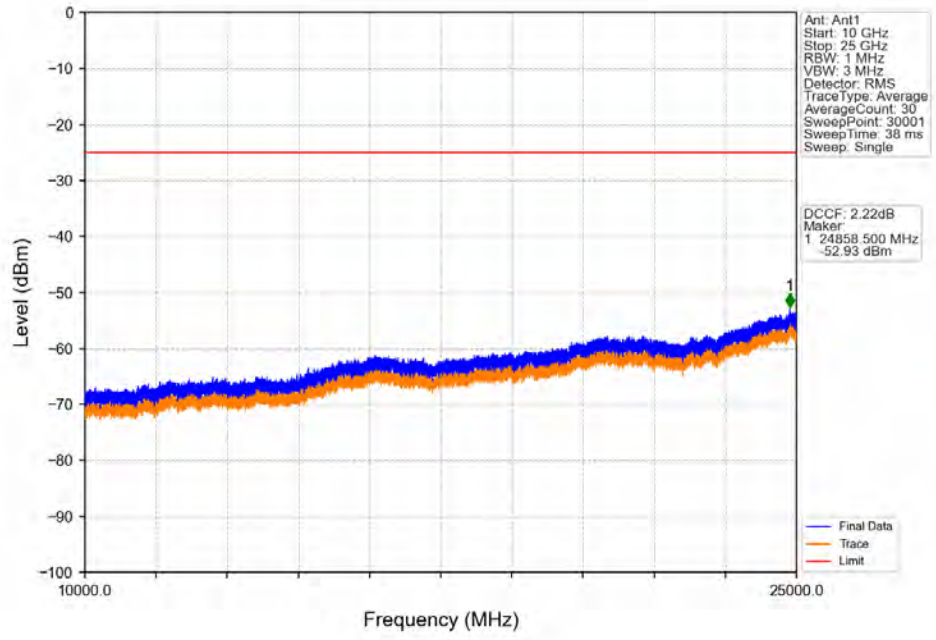


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2486.500	-47.88	-25	Pass
2495	2585	0.43	/	2	2534.300	-48.16	-25	Pass
2585	2585	0.43	/	/	/	/	/	/

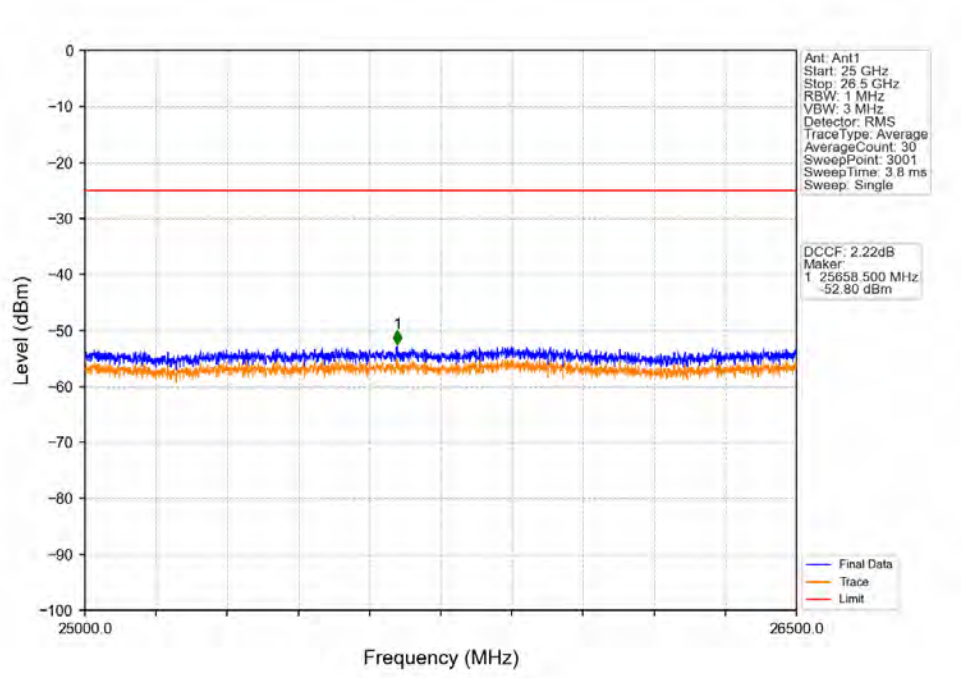
Band41_20MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



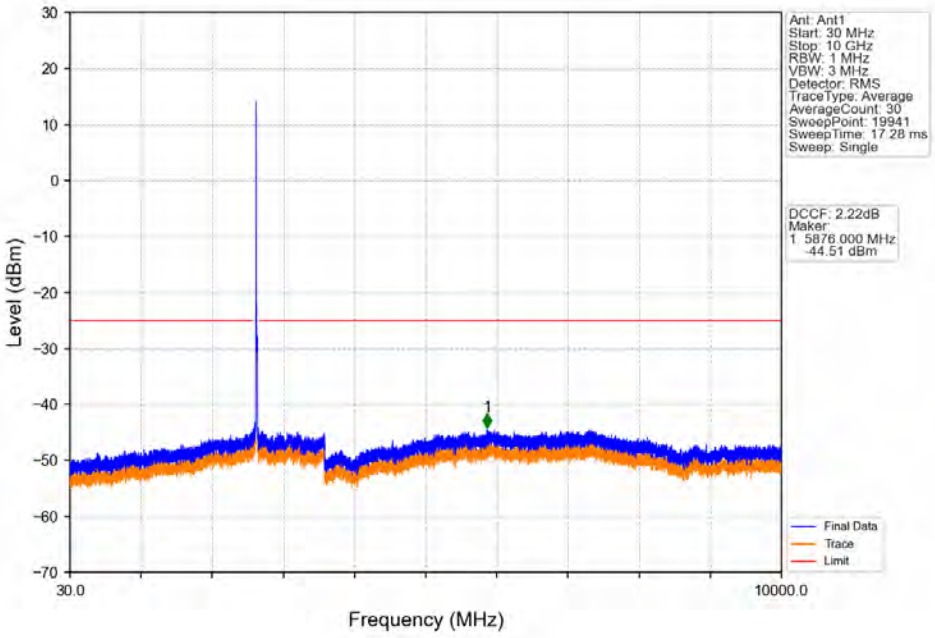
Band41_20MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



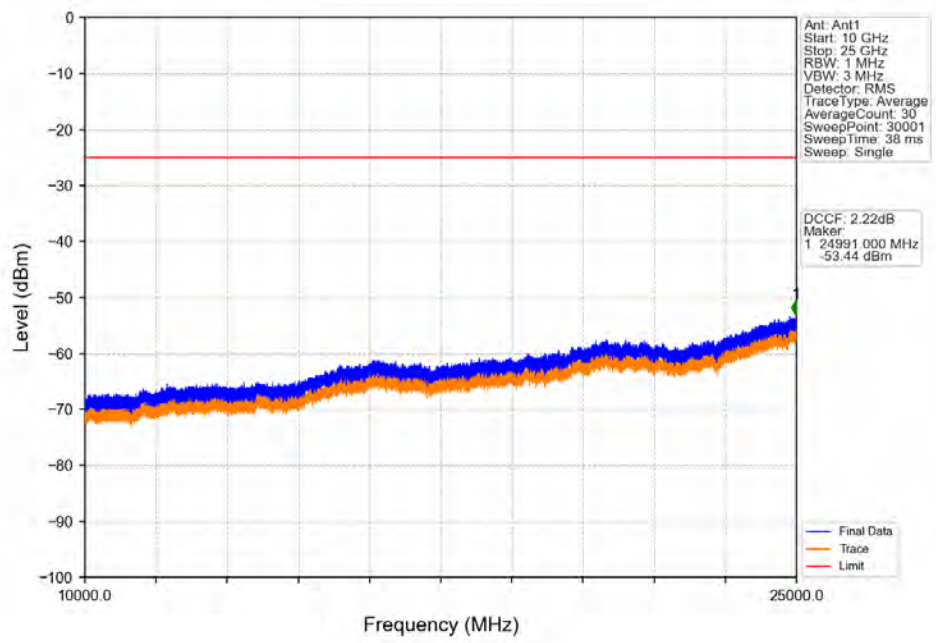
Band41_20MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



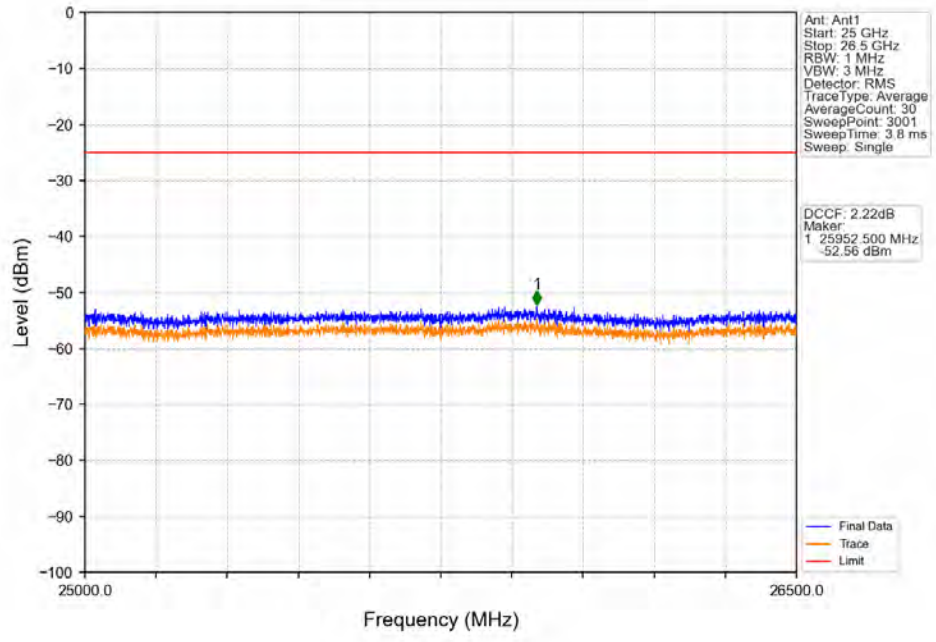
Band41_20MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



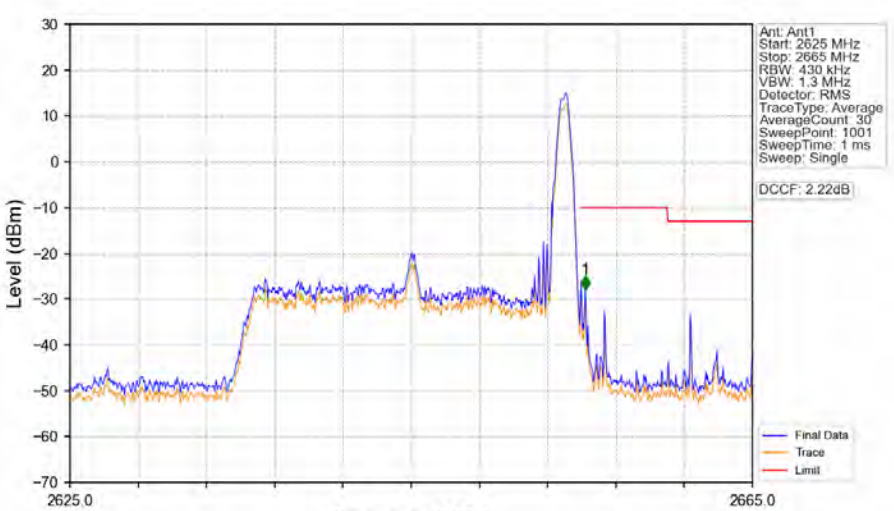
Band41_20MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_1_0_NTNV

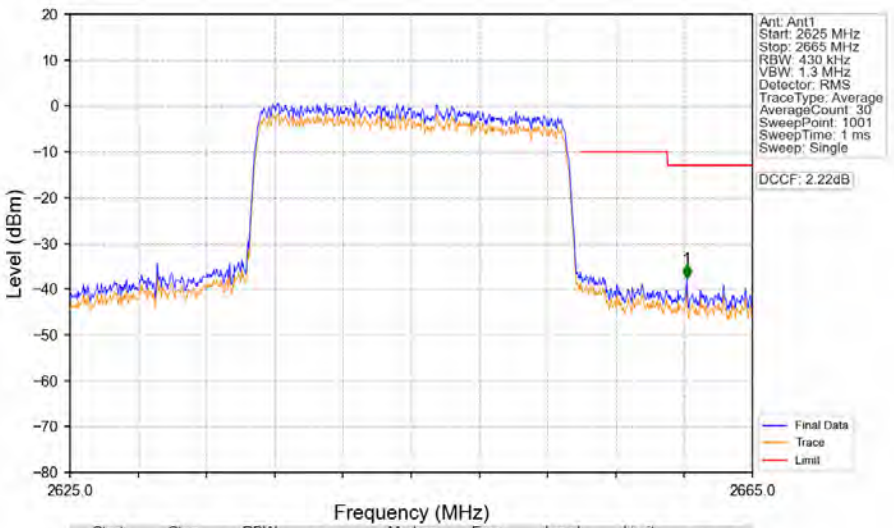


Band41_20MHz_16QAM_HCH_2645MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2625	2665	0.43	/	/	/	/	/	/
2665	2665	0.43	/	1	2655.200	-27.96	-10	Pass

Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2625	2665	0.43	/	/	/	/	/	/
2665	2665	0.43	/	1	2661.160	-37.72	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2557.5	2652.5	0.2270	0.0187	ppm	4M56G7D	27M	23.56
41	5	2557.5	2652.5	0.1897	0.0251	ppm	4M56W7D	27M	22.78
41	10	2560	2650	0.2244	0.0072	ppm	9M06G7D	27M	23.51
41	10	2560	2650	0.1770	0.0098	ppm	9M06W7D	27M	22.48
41	15	2562.5	2647.5	0.2153	0.0087	ppm	13M6G7D	27M	23.33
41	15	2562.5	2647.5	0.1570	0.0071	ppm	13M6W7D	27M	21.96
41	20	2565	2645	0.1950	0.0065	ppm	18M1G7D	27M	22.90
41	20	2565	2645	0.1694	0.0068	ppm	18M1W7D	27M	22.29

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
41	5	2557.5	2652.5	0.2938	0.0187	ppm	4M56G7D	27M	24.68
41	5	2557.5	2652.5	0.2455	0.0251	ppm	4M56W7D	27M	23.90
41	10	2560	2650	0.2904	0.0072	ppm	9M06G7D	27M	24.63
41	10	2560	2650	0.2291	0.0098	ppm	9M06W7D	27M	23.60
41	15	2562.5	2647.5	0.2786	0.0087	ppm	13M6G7D	27M	24.45
41	15	2562.5	2647.5	0.2032	0.0071	ppm	13M6W7D	27M	23.08
41	20	2565	2645	0.2523	0.0065	ppm	18M1G7D	27M	24.02
41	20	2565	2645	0.2193	0.0068	ppm	18M1W7D	27M	23.41