1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	24.78	-1.50	23.28	<=33.01	Pass
			13	24.92	-1.50	23.42	<=33.01	Pass
			24	24.79	-1.50	23.29	<=33.01	Pass
		12	0	24.00	-1.50	22.50	<=33.01	Pass
			6	23.99	-1.50	22.49	<=33.01	Pass
			13	24.00	-1.50	22.50	<=33.01	Pass
		25	0	23.94	-1.50	22.44	<=33.01	Pass
	2593	1	0	24.74	-1.50	23.24	<=33.01	Pass
			13	25.05	-1.50	23.55	<=33.01	Pass
			24	25.22	-1.50	23.72	<=33.01	Pass
		12	0	24.13	-1.50	22.63	<=33.01	Pass
			6	24.25	-1.50	22.75	<=33.01	Pass
			13	24.16	-1.50	22.66	<=33.01	Pass
		25	0	24.12	-1.50	22.62	<=33.01	Pass
	2687.5	1	0	24.96	-1.50	23.46	<=33.01	Pass
			13	24.97	-1.50	23.47	<=33.01	Pass
			24	24.85	-1.50	23.35	<=33.01	Pass
		12	0	23.97	-1.50	22.47	<=33.01	Pass
			6	24.07	-1.50	22.57	<=33.01	Pass
			13	24.00	-1.50	22.50	<=33.01	Pass
		25	0	24.02	-1.50	22.52	<=33.01	Pass
16QAM	2498.5	1	0	24.02	-1.50	22.52	<=33.01	Pass
			13	24.21	-1.50	22.71	<=33.01	Pass
			24	24.15	-1.50	22.65	<=33.01	Pass
		12	0	22.99	-1.50	21.49	<=33.01	Pass
			6	23.06	-1.50	21.56	<=33.01	Pass
			13	23.03	-1.50	21.53	<=33.01	Pass
		25	0	23.00	-1.50	21.50	<=33.01	Pass
	2593	1	0	24.38	-1.50	22.88	<=33.01	Pass
			13	24.41	-1.50	22.91	<=33.01	Pass
			24	24.30	-1.50	22.80	<=33.01	Pass
		12	0	23.23	-1.50	21.73	<=33.01	Pass
			6	23.34	-1.50	21.84	<=33.01	Pass
			13	23.23	-1.50	21.73	<=33.01	Pass
		25	0	23.20	-1.50	21.70	<=33.01	Pass
	2687.5	1	0	24.10	-1.50	22.60	<=33.01	Pass
			13	24.28	-1.50	22.78	<=33.01	Pass
			24	23.96	-1.50	22.46	<=33.01	Pass
		12	0	22.77	-1.50	21.27	<=33.01	Pass
			6	23.12	-1.50	21.62	<=33.01	Pass
			13	23.09	-1.50	21.59	<=33.01	Pass
		25	0	23.04	-1.50	21.54	<=33.01	Pass
64QAM	2498.5	1	0	23.87	-1.50	22.37	<=33.01	Pass
			13	24.14	-1.50	22.64	<=33.01	Pass
			24	24.09	-1.50	22.59	<=33.01	Pass
		12	0	22.99	-1.50	21.49	<=33.01	Pass
			6	22.97	-1.50	21.47	<=33.01	Pass
			13	23.02	-1.50	21.52	<=33.01	Pass
		25	0	22.99	-1.50	21.49	<=33.01	Pass

	2593	1	0	24.20	-1.50	22.70	<=33.01	Pass
			13	24.35	-1.50	22.85	<=33.01	Pass
			24	24.10	-1.50	22.60	<=33.01	Pass
		12	0	23.17	-1.50	21.67	<=33.01	Pass
			6	23.27	-1.50	21.77	<=33.01	Pass
			13	23.23	-1.50	21.73	<=33.01	Pass
		25	0	23.14	-1.50	21.64	<=33.01	Pass
	2687.5	1	0	24.11	-1.50	22.61	<=33.01	Pass
			13	24.19	-1.50	22.69	<=33.01	Pass
			24	24.03	-1.50	22.53	<=33.01	Pass
		12	0	22.85	-1.50	21.35	<=33.01	Pass
			6	22.97	-1.50	21.47	<=33.01	Pass
			13	22.96	-1.50	21.46	<=33.01	Pass
		25	0	22.98	-1.50	21.48	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B41_10MHz_EIRP

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	24.01	-1.50	22.51	<=33.01	Pass
			25	24.97	-1.50	23.47	<=33.01	Pass
			49	24.78	-1.50	23.28	<=33.01	Pass
		25	0	23.90	-1.50	22.40	<=33.01	Pass
			13	24.07	-1.50	22.57	<=33.01	Pass
			25	24.05	-1.50	22.55	<=33.01	Pass
		50	0	24.02	-1.50	22.52	<=33.01	Pass
	2593	1	0	23.94	-1.50	22.44	<=33.01	Pass
			25	25.18	-1.50	23.68	<=33.01	Pass
			49	25.17	-1.50	23.67	<=33.01	Pass
		25	0	24.15	-1.50	22.65	<=33.01	Pass
			13	24.21	-1.50	22.71	<=33.01	Pass
			25	24.22	-1.50	22.72	<=33.01	Pass
		50	0	24.14	-1.50	22.64	<=33.01	Pass
	2685	1	0	24.47	-1.50	22.97	<=33.01	Pass
			25	25.13	-1.50	23.63	<=33.01	Pass
			49	25.07	-1.50	23.57	<=33.01	Pass
		25	0	23.93	-1.50	22.43	<=33.01	Pass
			13	24.06	-1.50	22.56	<=33.01	Pass
			25	24.05	-1.50	22.55	<=33.01	Pass
		50	0	24.11	-1.50	22.61	<=33.01	Pass
16QAM	2501	1	0	23.83	-1.50	22.33	<=33.01	Pass
			25	24.37	-1.50	22.87	<=33.01	Pass
			49	24.35	-1.50	22.85	<=33.01	Pass
		25	0	22.95	-1.50	21.45	<=33.01	Pass
			13	23.08	-1.50	21.58	<=33.01	Pass
			25	23.07	-1.50	21.57	<=33.01	Pass
		50	0	23.00	-1.50	21.50	<=33.01	Pass
	2593	1	0	23.98	-1.50	22.48	<=33.01	Pass
			25	24.32	-1.50	22.82	<=33.01	Pass
			49	24.43	-1.50	22.93	<=33.01	Pass
		25	0	23.18	-1.50	21.68	<=33.01	Pass
			13	23.22	-1.50	21.72	<=33.01	Pass
			25	23.22	-1.50	21.72	<=33.01	Pass
		50	0	23.18	-1.50	21.68	<=33.01	Pass
	2685	1	0	23.92	-1.50	22.42	<=33.01	Pass

			25	24.18	-1.50	22.68	<=33.01	Pass
			49	24.13	-1.50	22.63	<=33.01	Pass
		25	0	22.99	-1.50	21.49	<=33.01	Pass
			13	23.12	-1.50	21.62	<=33.01	Pass
			25	23.08	-1.50	21.58	<=33.01	Pass
		50	0	23.06	-1.50	21.56	<=33.01	Pass
64QAM	2501	1	0	23.86	-1.50	22.36	<=33.01	Pass
			25	23.97	-1.50	22.47	<=33.01	Pass
			49	23.82	-1.50	22.32	<=33.01	Pass
		25	0	22.90	-1.50	21.40	<=33.01	Pass
			13	23.06	-1.50	21.56	<=33.01	Pass
			25	23.08	-1.50	21.58	<=33.01	Pass
		50	0	23.00	-1.50	21.50	<=33.01	Pass
	2593	1	0	23.54	-1.50	22.04	<=33.01	Pass
			25	24.22	-1.50	22.72	<=33.01	Pass
			49	24.16	-1.50	22.66	<=33.01	Pass
		25	0	23.12	-1.50	21.62	<=33.01	Pass
			13	23.22	-1.50	21.72	<=33.01	Pass
			25	23.25	-1.50	21.75	<=33.01	Pass
		50	0	23.15	-1.50	21.65	<=33.01	Pass
	2685	1	0	23.74	-1.50	22.24	<=33.01	Pass
			25	24.06	-1.50	22.56	<=33.01	Pass
			49	23.87	-1.50	22.37	<=33.01	Pass
		25	0	23.00	-1.50	21.50	<=33.01	Pass
			13	23.14	-1.50	21.64	<=33.01	Pass
			25	23.10	-1.50	21.60	<=33.01	Pass
		50	0	23.08	-1.50	21.58	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.40	-1.50	21.90	<=33.01	Pass
			38	24.79	-1.50	23.29	<=33.01	Pass
			74	24.75	-1.50	23.25	<=33.01	Pass
		36	0	23.76	-1.50	22.26	<=33.01	Pass
			18	23.91	-1.50	22.41	<=33.01	Pass
			39	23.86	-1.50	22.36	<=33.01	Pass
		75	0	23.92	-1.50	22.42	<=33.01	Pass
	2593	1	0	23.41	-1.50	21.91	<=33.01	Pass
			38	24.91	-1.50	23.41	<=33.01	Pass
			74	25.19	-1.50	23.69	<=33.01	Pass
		36	0	24.07	-1.50	22.57	<=33.01	Pass
			18	24.05	-1.50	22.55	<=33.01	Pass
			39	24.11	-1.50	22.61	<=33.01	Pass
		75	0	24.03	-1.50	22.53	<=33.01	Pass
	2682.5	1	0	23.45	-1.50	21.95	<=33.01	Pass
			38	24.67	-1.50	23.17	<=33.01	Pass
			74	24.92	-1.50	23.42	<=33.01	Pass
		36	0	23.87	-1.50	22.37	<=33.01	Pass
			18	23.86	-1.50	22.36	<=33.01	Pass
			39	23.94	-1.50	22.44	<=33.01	Pass
		75	0	23.68	-1.50	22.18	<=33.01	Pass
16QAM	2503.5	1	0	22.98	-1.50	21.48	<=33.01	Pass
			38	23.99	-1.50	22.49	<=33.01	Pass

			74	24.10	-1.50	22.60	<=33.01	Pass
		36	0	22.79	-1.50	21.29	<=33.01	Pass
			18	22.97	-1.50	21.47	<=33.01	Pass
			39	22.90	-1.50	21.40	<=33.01	Pass
		75	0	22.90	-1.50	21.40	<=33.01	Pass
	2593	1	0	23.39	-1.50	21.89	<=33.01	Pass
			38	24.09	-1.50	22.59	<=33.01	Pass
			74	24.26	-1.50	22.76	<=33.01	Pass
		36	0	23.10	-1.50	21.60	<=33.01	Pass
			18	23.07	-1.50	21.57	<=33.01	Pass
			39	23.08	-1.50	21.58	<=33.01	Pass
		75	0	23.05	-1.50	21.55	<=33.01	Pass
	2682.5	1	0	23.06	-1.50	21.56	<=33.01	Pass
			38	23.96	-1.50	22.46	<=33.01	Pass
			74	23.97	-1.50	22.47	<=33.01	Pass
		36	0	22.86	-1.50	21.36	<=33.01	Pass
			18	22.87	-1.50	21.37	<=33.01	Pass
			39	22.84	-1.50	21.34	<=33.01	Pass
		75	0	22.86	-1.50	21.36	<=33.01	Pass
64QAM	2503.5	1	0	22.89	-1.50	21.39	<=33.01	Pass
			38	23.87	-1.50	22.37	<=33.01	Pass
			74	24.06	-1.50	22.56	<=33.01	Pass
		36	0	22.79	-1.50	21.29	<=33.01	Pass
			18	22.94	-1.50	21.44	<=33.01	Pass
			39	22.94	-1.50	21.44	<=33.01	Pass
		75	0	22.95	-1.50	21.45	<=33.01	Pass
	2593	1	0	22.91	-1.50	21.41	<=33.01	Pass
			38	23.93	-1.50	22.43	<=33.01	Pass
			74	24.08	-1.50	22.58	<=33.01	Pass
		36	0	23.04	-1.50	21.54	<=33.01	Pass
			18	23.00	-1.50	21.50	<=33.01	Pass
			39	23.10	-1.50	21.60	<=33.01	Pass
		75	0	23.07	-1.50	21.57	<=33.01	Pass
	2682.5	1	0	23.00	-1.50	21.50	<=33.01	Pass
			38	23.85	-1.50	22.35	<=33.01	Pass
			74	23.71	-1.50	22.21	<=33.01	Pass
		36	0	22.89	-1.50	21.39	<=33.01	Pass
			18	22.81	-1.50	21.31	<=33.01	Pass
			39	22.96	-1.50	21.46	<=33.01	Pass
		75	0	22.86	-1.50	21.36	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B41_20MHz_EIRP

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	22.62	-1.50	21.12	<=33.01	Pass
			50	24.89	-1.50	23.39	<=33.01	Pass
			99	24.68	-1.50	23.18	<=33.01	Pass
		50	0	23.69	-1.50	22.19	<=33.01	Pass
			25	23.82	-1.50	22.32	<=33.01	Pass
			50	23.85	-1.50	22.35	<=33.01	Pass
		100	0	23.90	-1.50	22.40	<=33.01	Pass
	2593	1	0	22.71	-1.50	21.21	<=33.01	Pass
			50	24.78	-1.50	23.28	<=33.01	Pass
			99	25.11	-1.50	23.61	<=33.01	Pass

		50	0	24.06	-1.50	22.56	<=33.01	Pass
			25	24.03	-1.50	22.53	<=33.01	Pass
			50	24.12	-1.50	22.62	<=33.01	Pass
		100	0	24.02	-1.50	22.52	<=33.01	Pass
	2680	1	0	22.54	-1.50	21.04	<=33.01	Pass
			50	24.58	-1.50	23.08	<=33.01	Pass
			99	24.65	-1.50	23.15	<=33.01	Pass
		50	0	23.86	-1.50	22.36	<=33.01	Pass
			25	23.85	-1.50	22.35	<=33.01	Pass
			50	23.90	-1.50	22.40	<=33.01	Pass
		100	0	23.83	-1.50	22.33	<=33.01	Pass
16QAM	2506	1	0	22.51	-1.50	21.01	<=33.01	Pass
			50	23.97	-1.50	22.47	<=33.01	Pass
			99	23.92	-1.50	22.42	<=33.01	Pass
		50	0	22.84	-1.50	21.34	<=33.01	Pass
			25	22.97	-1.50	21.47	<=33.01	Pass
			50	22.96	-1.50	21.46	<=33.01	Pass
		100	0	22.93	-1.50	21.43	<=33.01	Pass
	2593	1	0	22.28	-1.50	20.78	<=33.01	Pass
			50	24.13	-1.50	22.63	<=33.01	Pass
			99	24.16	-1.50	22.66	<=33.01	Pass
		50	0	23.08	-1.50	21.58	<=33.01	Pass
			25	23.08	-1.50	21.58	<=33.01	Pass
			50	23.15	-1.50	21.65	<=33.01	Pass
		100	0	22.99	-1.50	21.49	<=33.01	Pass
	2680	1	0	22.45	-1.50	20.95	<=33.01	Pass
			50	24.18	-1.50	22.68	<=33.01	Pass
			99	23.74	-1.50	22.24	<=33.01	Pass
		50	0	22.82	-1.50	21.32	<=33.01	Pass
			25	22.90	-1.50	21.40	<=33.01	Pass
			50	22.92	-1.50	21.42	<=33.01	Pass
		100	0	22.89	-1.50	21.39	<=33.01	Pass
64QAM	2506	1	0	22.47	-1.50	20.97	<=33.01	Pass
			50	23.84	-1.50	22.34	<=33.01	Pass
			99	23.87	-1.50	22.37	<=33.01	Pass
		50	0	22.81	-1.50	21.31	<=33.01	Pass
			25	22.98	-1.50	21.48	<=33.01	Pass
			50	22.92	-1.50	21.42	<=33.01	Pass
		100	0	22.99	-1.50	21.49	<=33.01	Pass
	2593	1	0	22.17	-1.50	20.67	<=33.01	Pass
			50	24.07	-1.50	22.57	<=33.01	Pass
			99	24.00	-1.50	22.50	<=33.01	Pass
		50	0	23.09	-1.50	21.59	<=33.01	Pass
			25	23.02	-1.50	21.52	<=33.01	Pass
			50	23.12	-1.50	21.62	<=33.01	Pass
		100	0	23.00	-1.50	21.50	<=33.01	Pass
	2680	1	0	22.43	-1.50	20.93	<=33.01	Pass
			50	23.92	-1.50	22.42	<=33.01	Pass
			99	23.87	-1.50	22.37	<=33.01	Pass
		50	0	22.87	-1.50	21.37	<=33.01	Pass
			25	22.81	-1.50	21.31	<=33.01	Pass
			50	22.95	-1.50	21.45	<=33.01	Pass
		100	0	22.89	-1.50	21.39	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	3.4	0.400	0.0002	-2.5 to 2.5	Pass
					3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
					4.53	-1.700	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				-10	3.92	2.400	0.0010	-2.5 to 2.5	Pass
				0	3.92	-3.800	-0.0015	-2.5 to 2.5	Pass
				10	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				30	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				50	3.92	0.800	0.0003	-2.5 to 2.5	Pass
	2593	25	0	20	3.4	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
					4.53	-1.400	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				10	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				30	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				40	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				50	3.92	2.600	0.0010	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.4	0.800	0.0003	-2.5 to 2.5	Pass
					3.92	4.000	0.0015	-2.5 to 2.5	Pass
					4.53	0.500	0.0002	-2.5 to 2.5	Pass
				-30	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				0	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0004	-2.5 to 2.5	Pass
				30	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0004	-2.5 to 2.5	Pass
				50	3.92	1.200	0.0004	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.4	-3.200	-0.0013	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.53	0.300	0.0001	-2.5 to 2.5	Pass
				-30	3.92	1.400	0.0006	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-2.700	-0.0011	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-5.800	-0.0023	-2.5 to 2.5	Pass
				40	3.92	-2.900	-0.0012	-2.5 to 2.5	Pass
				50	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
	2593	25	0	20	3.4	-3.100	-0.0012	-2.5 to 2.5	Pass
					3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
					4.53	0.600	0.0002	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass

				-10	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				0	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				10	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				30	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				40	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.92	-4.300	-0.0017	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.4	1.100	0.0004	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0007	-2.5 to 2.5	Pass
					4.53	4.100	0.0015	-2.5 to 2.5	Pass
				-30	3.92	2.500	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				0	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				40	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0009	-2.5 to 2.5	Pass
64QAM	2498.5	25	0	20	3.4	-23.900	-0.0096	-2.5 to 2.5	Pass
					3.92	-45.700	-0.0183	-2.5 to 2.5	Pass
					4.53	-39.700	-0.0159	-2.5 to 2.5	Pass
				-30	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				-20	3.92	-26.900	-0.0108	-2.5 to 2.5	Pass
				-10	3.92	24.200	0.0097	-2.5 to 2.5	Pass
				0	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				10	3.92	11.700	0.0047	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-75.900	-0.0304	-2.5 to 2.5	Pass
				50	3.92	29.800	0.0119	-2.5 to 2.5	Pass
	2593	25	0	20	3.4	16.000	0.0062	-2.5 to 2.5	Pass
					3.92	61.000	0.0235	-2.5 to 2.5	Pass
					4.53	-6.200	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	13.300	0.0051	-2.5 to 2.5	Pass
				-20	3.92	-42.500	-0.0164	-2.5 to 2.5	Pass
				-10	3.92	31.300	0.0121	-2.5 to 2.5	Pass
				0	3.92	33.400	0.0129	-2.5 to 2.5	Pass
				10	3.92	-28.400	-0.0110	-2.5 to 2.5	Pass
				30	3.92	26.600	0.0103	-2.5 to 2.5	Pass
				40	3.92	-26.500	-0.0102	-2.5 to 2.5	Pass
				50	3.92	38.700	0.0149	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.4	-28.300	-0.0105	-2.5 to 2.5	Pass
					3.92	-8.900	-0.0033	-2.5 to 2.5	Pass
					4.53	-45.400	-0.0169	-2.5 to 2.5	Pass
				-30	3.92	42.900	0.0160	-2.5 to 2.5	Pass
				-20	3.92	-48.600	-0.0181	-2.5 to 2.5	Pass
				-10	3.92	17.700	0.0066	-2.5 to 2.5	Pass
				0	3.92	-20.600	-0.0077	-2.5 to 2.5	Pass
				10	3.92	-11.900	-0.0044	-2.5 to 2.5	Pass
				30	3.92	24.500	0.0091	-2.5 to 2.5	Pass
				40	3.92	-7.100	-0.0026	-2.5 to 2.5	Pass
				50	3.92	-37.000	-0.0138	-2.5 to 2.5	Pass

2.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2501	50	0	20	3.4	0.300	0.0001	-2.5 to 2.5	Pass

					3.92	1.000	0.0004	-2.5 to 2.5	Pass
					4.53	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				-20	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				0	3.92	-4.500	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-2.400	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-5.700	-0.0023	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				50	3.92	2.700	0.0011	-2.5 to 2.5	Pass
	2593	50	0	20	3.4	-2.000	-0.0008	-2.5 to 2.5	Pass
					3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
					4.53	0.300	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-2.900	-0.0011	-2.5 to 2.5	Pass
				0	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				50	3.92	4.700	0.0018	-2.5 to 2.5	Pass
	2685	50	0	20	3.4	0.300	0.0001	-2.5 to 2.5	Pass
					3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.53	2.900	0.0011	-2.5 to 2.5	Pass
				-30	3.92	-2.200	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				10	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				40	3.92	2.800	0.0010	-2.5 to 2.5	Pass
				50	3.92	3.000	0.0011	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.4	-2.200	-0.0009	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.53	-1.600	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				-20	3.92	-3.200	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				0	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				10	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				30	3.92	2.200	0.0009	-2.5 to 2.5	Pass
				40	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				50	3.92	1.200	0.0005	-2.5 to 2.5	Pass
	2593	50	0	20	3.4	0.300	0.0001	-2.5 to 2.5	Pass
					3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
					4.53	-1.200	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				0	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				50	3.92	1.900	0.0007	-2.5 to 2.5	Pass
	2685	50	0	20	3.4	-0.900	-0.0003	-2.5 to 2.5	Pass
					3.92	3.300	0.0012	-2.5 to 2.5	Pass
					4.53	1.800	0.0007	-2.5 to 2.5	Pass
				-30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				-20	3.92	-2.500	-0.0009	-2.5 to 2.5	Pass

				-10	3.92	-3.700	-0.0014	-2.5 to 2.5	Pass
				0	3.92	-4.100	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-3.000	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				50	3.92	0.500	0.0002	-2.5 to 2.5	Pass
64QAM	2501	50	0	20	3.4	-6.400	-0.0026	-2.5 to 2.5	Pass
					3.92	-9.400	-0.0038	-2.5 to 2.5	Pass
					4.53	-17.600	-0.0070	-2.5 to 2.5	Pass
				-30	3.92	-25.300	-0.0101	-2.5 to 2.5	Pass
				-20	3.92	13.400	0.0054	-2.5 to 2.5	Pass
				-10	3.92	-3.200	-0.0013	-2.5 to 2.5	Pass
				0	3.92	16.900	0.0068	-2.5 to 2.5	Pass
				10	3.92	9.400	0.0038	-2.5 to 2.5	Pass
				30	3.92	11.600	0.0046	-2.5 to 2.5	Pass
				40	3.92	16.900	0.0068	-2.5 to 2.5	Pass
				50	3.92	21.300	0.0085	-2.5 to 2.5	Pass
	2593	50	0	20	3.4	-22.200	-0.0086	-2.5 to 2.5	Pass
					3.92	1.800	0.0007	-2.5 to 2.5	Pass
					4.53	20.900	0.0081	-2.5 to 2.5	Pass
				-30	3.92	15.700	0.0061	-2.5 to 2.5	Pass
				-20	3.92	22.600	0.0087	-2.5 to 2.5	Pass
				-10	3.92	-8.300	-0.0032	-2.5 to 2.5	Pass
				0	3.92	-24.300	-0.0094	-2.5 to 2.5	Pass
				10	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-25.700	-0.0099	-2.5 to 2.5	Pass
				50	3.92	3.700	0.0014	-2.5 to 2.5	Pass
	2685	50	0	20	3.4	8.100	0.0030	-2.5 to 2.5	Pass
					3.92	-17.200	-0.0064	-2.5 to 2.5	Pass
					4.53	-4.700	-0.0018	-2.5 to 2.5	Pass
				-30	3.92	-22.700	-0.0085	-2.5 to 2.5	Pass
				-20	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				-10	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				0	3.92	14.000	0.0052	-2.5 to 2.5	Pass
				10	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				40	3.92	18.200	0.0068	-2.5 to 2.5	Pass
				50	3.92	7.800	0.0029	-2.5 to 2.5	Pass

2.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.4	-1.000	-0.0004	-2.5 to 2.5	Pass
					3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
					4.53	-1.900	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				0	3.92	1.900	0.0008	-2.5 to 2.5	Pass
				10	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-3.700	-0.0015	-2.5 to 2.5	Pass
				40	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				50	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
	2593	75	0	20	3.4	1.100	0.0004	-2.5 to 2.5	Pass

					3.92	1.100	0.0004	-2.5 to 2.5	Pass
					4.53	-1.800	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				10	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				30	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				50	3.92	0.000	0.0000	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.4	-2.600	-0.0010	-2.5 to 2.5	Pass
					3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
					4.53	-3.600	-0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	2.900	0.0011	-2.5 to 2.5	Pass
				0	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				10	3.92	-2.000	-0.0007	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-0.400	-0.0001	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.4	-1.000	-0.0004	-2.5 to 2.5	Pass
					3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
					4.53	3.500	0.0014	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				10	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-2.400	-0.0010	-2.5 to 2.5	Pass
	2593	75	0	20	3.4	2.500	0.0010	-2.5 to 2.5	Pass
					3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
					4.53	-1.400	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	-2.200	-0.0008	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				40	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				50	3.92	0.700	0.0003	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.4	-1.200	-0.0004	-2.5 to 2.5	Pass
					3.92	-3.600	-0.0013	-2.5 to 2.5	Pass
					4.53	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				0	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0006	-2.5 to 2.5	Pass
				40	3.92	-0.400	-0.0001	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0009	-2.5 to 2.5	Pass
64QAM	2503.5	75	0	20	3.4	9.400	0.0038	-2.5 to 2.5	Pass
					3.92	8.200	0.0033	-2.5 to 2.5	Pass
					4.53	7.300	0.0029	-2.5 to 2.5	Pass
				-30	3.92	-36.500	-0.0146	-2.5 to 2.5	Pass
				-20	3.92	13.600	0.0054	-2.5 to 2.5	Pass

				-10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				0	3.92	4.500	0.0018	-2.5 to 2.5	Pass
				10	3.92	-8.600	-0.0034	-2.5 to 2.5	Pass
				30	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				40	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				50	3.92	9.900	0.0040	-2.5 to 2.5	Pass
	2593	75	0	20	3.4	-7.500	-0.0029	-2.5 to 2.5	Pass
					3.92	-16.700	-0.0064	-2.5 to 2.5	Pass
					4.53	11.600	0.0045	-2.5 to 2.5	Pass
				-30	3.92	-15.300	-0.0059	-2.5 to 2.5	Pass
				-20	3.92	-3.900	-0.0015	-2.5 to 2.5	Pass
				-10	3.92	-20.000	-0.0077	-2.5 to 2.5	Pass
				0	3.92	-18.900	-0.0073	-2.5 to 2.5	Pass
				10	3.92	5.600	0.0022	-2.5 to 2.5	Pass
				30	3.92	3.500	0.0013	-2.5 to 2.5	Pass
				40	3.92	-18.400	-0.0071	-2.5 to 2.5	Pass
				50	3.92	-19.600	-0.0076	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.4	-8.300	-0.0031	-2.5 to 2.5	Pass
					3.92	-5.100	-0.0019	-2.5 to 2.5	Pass
					4.53	-11.200	-0.0042	-2.5 to 2.5	Pass
				-30	3.92	6.400	0.0024	-2.5 to 2.5	Pass
				-20	3.92	6.600	0.0025	-2.5 to 2.5	Pass
				-10	3.92	-9.100	-0.0034	-2.5 to 2.5	Pass
				0	3.92	-6.300	-0.0023	-2.5 to 2.5	Pass
				10	3.92	-7.400	-0.0028	-2.5 to 2.5	Pass
				30	3.92	-11.100	-0.0041	-2.5 to 2.5	Pass
				40	3.92	-6.600	-0.0025	-2.5 to 2.5	Pass
				50	3.92	-12.600	-0.0047	-2.5 to 2.5	Pass

2.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.4	-0.900	-0.0004	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0006	-2.5 to 2.5	Pass
					4.53	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				0	3.92	-2.900	-0.0012	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				30	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				40	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				50	3.92	0.500	0.0002	-2.5 to 2.5	Pass
	2593	100	0	20	3.4	1.500	0.0006	-2.5 to 2.5	Pass
					3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
					4.53	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				10	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				50	3.92	0.900	0.0003	-2.5 to 2.5	Pass
	2680	100	0	20	3.4	0.700	0.0003	-2.5 to 2.5	Pass

					3.92	1.700	0.0006	-2.5 to 2.5	Pass
					4.53	1.700	0.0006	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	-4.300	-0.0016	-2.5 to 2.5	Pass
				40	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.92	0.500	0.0002	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.4	-1.900	-0.0008	-2.5 to 2.5	Pass
					3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
					4.53	-1.000	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				30	3.92	2.400	0.0010	-2.5 to 2.5	Pass
				40	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
	2593	100	0	20	3.4	-2.400	-0.0009	-2.5 to 2.5	Pass
					3.92	-2.900	-0.0011	-2.5 to 2.5	Pass
					4.53	1.100	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				0	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				50	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
	2680	100	0	20	3.4	-5.100	-0.0019	-2.5 to 2.5	Pass
					3.92	0.100	0.0000	-2.5 to 2.5	Pass
					4.53	-0.800	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-2.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	0.400	0.0001	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0006	-2.5 to 2.5	Pass
64QAM	2506	100	0	20	3.4	-23.500	-0.0094	-2.5 to 2.5	Pass
					3.92	4.800	0.0019	-2.5 to 2.5	Pass
					4.53	-9.300	-0.0037	-2.5 to 2.5	Pass
				-30	3.92	4.100	0.0016	-2.5 to 2.5	Pass
				-20	3.92	6.200	0.0025	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-10.400	-0.0042	-2.5 to 2.5	Pass
				40	3.92	15.400	0.0061	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0007	-2.5 to 2.5	Pass
	2593	100	0	20	3.4	10.800	0.0042	-2.5 to 2.5	Pass
					3.92	-10.300	-0.0040	-2.5 to 2.5	Pass
					4.53	1.700	0.0007	-2.5 to 2.5	Pass
				-30	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				-20	3.92	-15.000	-0.0058	-2.5 to 2.5	Pass

				-10	3.92	-7.000	-0.0027	-2.5 to 2.5	Pass
				0	3.92	-4.000	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				50	3.92	7.800	0.0030	-2.5 to 2.5	Pass
	2680	100	0	20	3.4	-9.300	-0.0035	-2.5 to 2.5	Pass
					3.92	5.400	0.0020	-2.5 to 2.5	Pass
					4.53	-6.800	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	7.900	0.0029	-2.5 to 2.5	Pass
				-20	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	-15.500	-0.0058	-2.5 to 2.5	Pass
				0	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				10	3.92	-18.000	-0.0067	-2.5 to 2.5	Pass
				30	3.92	-15.100	-0.0056	-2.5 to 2.5	Pass
				40	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				50	3.92	-4.100	-0.0015	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.562	/	Pass
		2593	25	0	4.550	/	Pass
		2687.5	25	0	4.559	/	Pass
	16QAM	2498.5	25	0	4.564	/	Pass
		2593	25	0	4.544	/	Pass
		2687.5	25	0	4.539	/	Pass
	64QAM	2498.5	25	0	4.552	/	Pass
		2593	25	0	4.548	/	Pass
		2687.5	25	0	4.559	/	Pass
10	QPSK	2501	50	0	9.049	/	Pass
		2593	50	0	9.103	/	Pass
		2685	50	0	9.068	/	Pass
	16QAM	2501	50	0	9.084	/	Pass
		2593	50	0	9.087	/	Pass
		2685	50	0	9.099	/	Pass
	64QAM	2501	50	0	9.071	/	Pass
		2593	50	0	9.035	/	Pass
		2685	50	0	9.065	/	Pass
15	QPSK	2503.5	75	0	13.597	/	Pass
		2593	75	0	13.635	/	Pass
		2682.5	75	0	13.681	/	Pass
	16QAM	2503.5	75	0	13.640	/	Pass
		2593	75	0	13.656	/	Pass
		2682.5	75	0	13.599	/	Pass
	64QAM	2503.5	75	0	13.629	/	Pass
		2593	75	0	13.614	/	Pass
		2682.5	75	0	13.612	/	Pass
20	QPSK	2506	100	0	18.101	/	Pass
		2593	100	0	18.105	/	Pass
		2680	100	0	18.104	/	Pass
	16QAM	2506	100	0	18.132	/	Pass
		2593	100	0	18.153	/	Pass
		2680	100	0	18.129	/	Pass
	64QAM	2506	100	0	18.170	/	Pass
		2593	100	0	18.127	/	Pass
		2680	100	0	18.115	/	Pass

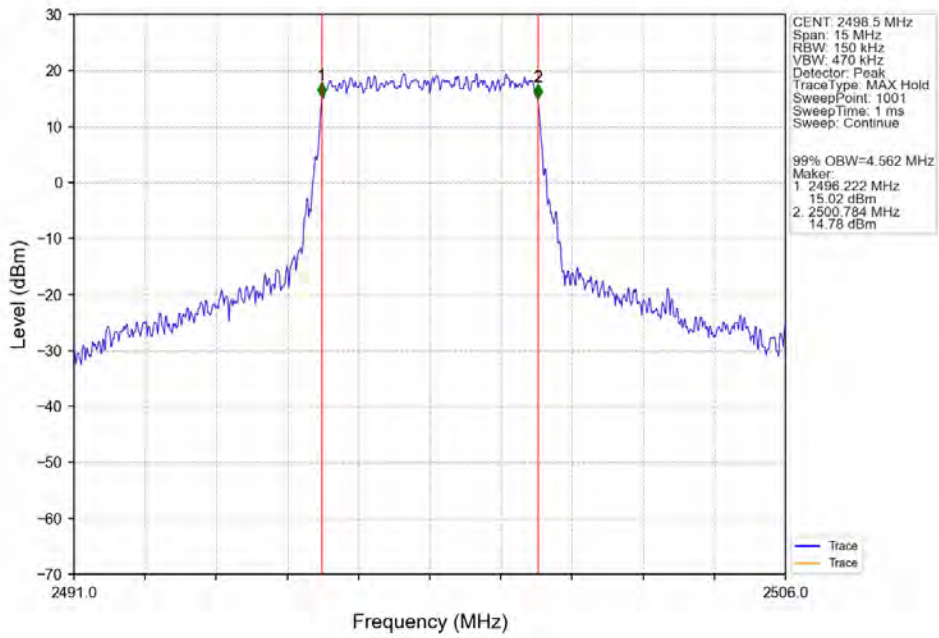
3.1.2 Band41_XDB

Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.328	/	Pass
		2593	25	0	5.156	/	Pass
		2687.5	25	0	5.257	/	Pass
	16QAM	2498.5	25	0	5.108	/	Pass
		2593	25	0	5.159	/	Pass
		2687.5	25	0	5.204	/	Pass
	64QAM	2498.5	25	0	5.243	/	Pass
		2593	25	0	5.268	/	Pass
		2687.5	25	0	5.237	/	Pass
10	QPSK	2501	50	0	10.062	/	Pass
		2593	50	0	10.180	/	Pass
		2685	50	0	10.142	/	Pass
	16QAM	2501	50	0	10.117	/	Pass
		2593	50	0	10.134	/	Pass
		2685	50	0	10.172	/	Pass
	64QAM	2501	50	0	10.053	/	Pass
		2593	50	0	10.126	/	Pass
		2685	50	0	10.116	/	Pass
15	QPSK	2503.5	75	0	15.179	/	Pass
		2593	75	0	15.125	/	Pass
		2682.5	75	0	15.033	/	Pass
	16QAM	2503.5	75	0	15.404	/	Pass
		2593	75	0	15.150	/	Pass
		2682.5	75	0	15.093	/	Pass
	64QAM	2503.5	75	0	15.196	/	Pass
		2593	75	0	15.083	/	Pass
		2682.5	75	0	15.053	/	Pass
20	QPSK	2506	100	0	20.088	/	Pass
		2593	100	0	20.061	/	Pass
		2680	100	0	20.006	/	Pass
	16QAM	2506	100	0	20.102	/	Pass
		2593	100	0	20.035	/	Pass
		2680	100	0	20.095	/	Pass
	64QAM	2506	100	0	20.121	/	Pass
		2593	100	0	19.858	/	Pass
		2680	100	0	20.032	/	Pass

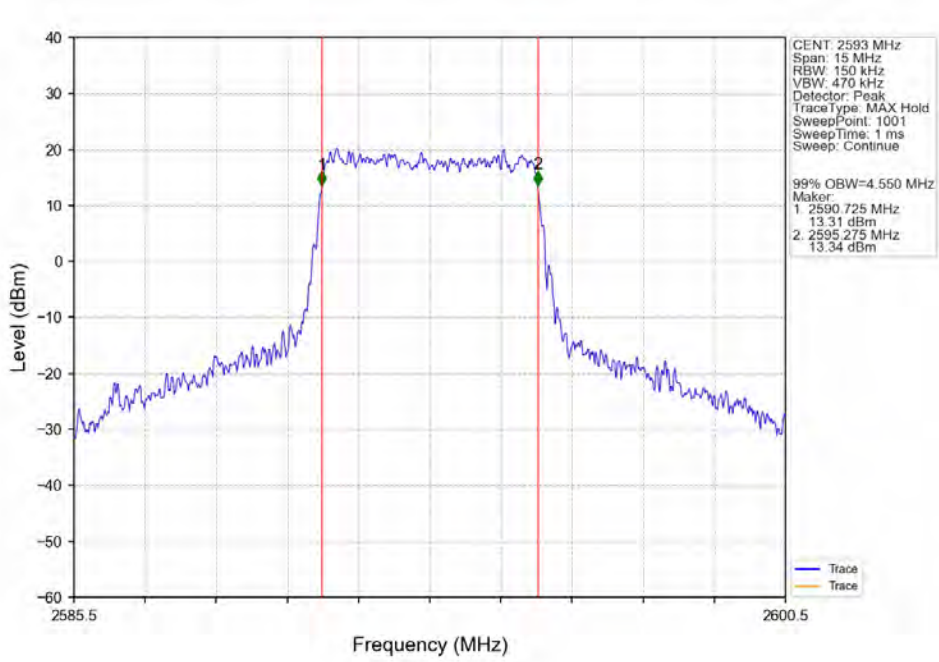
3.2 Test Graph

3.2.1 Band41_OBW

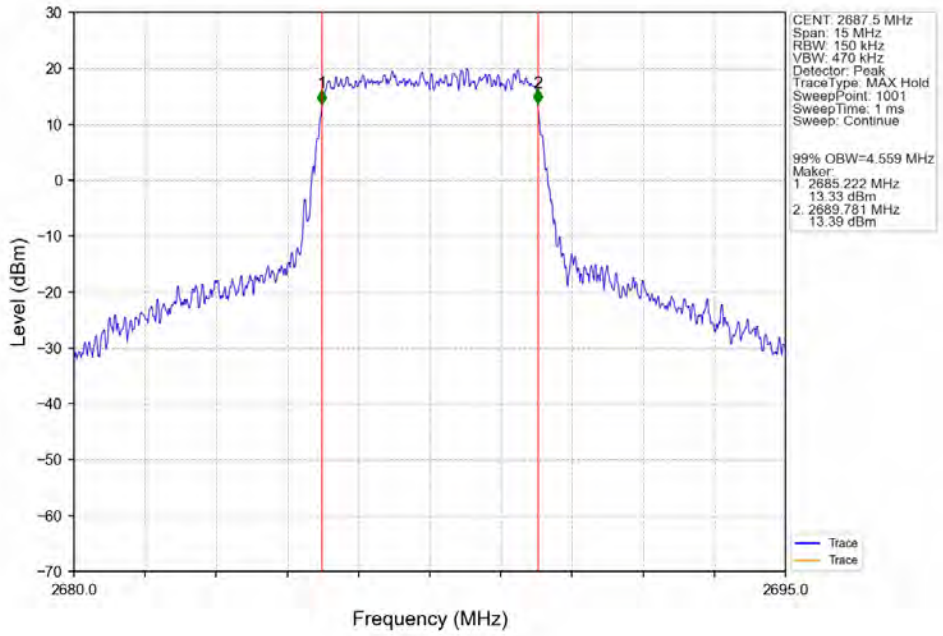
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



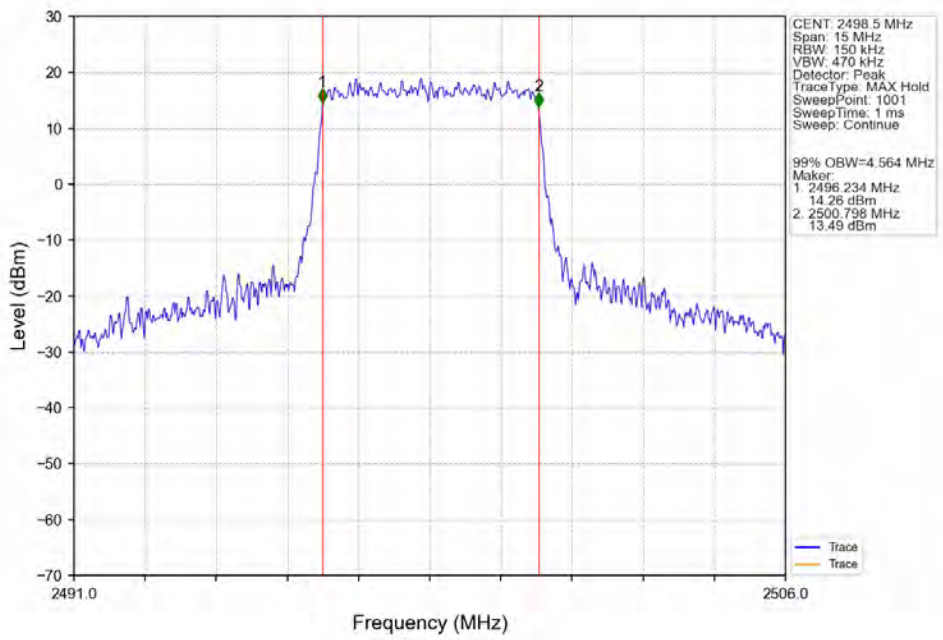
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



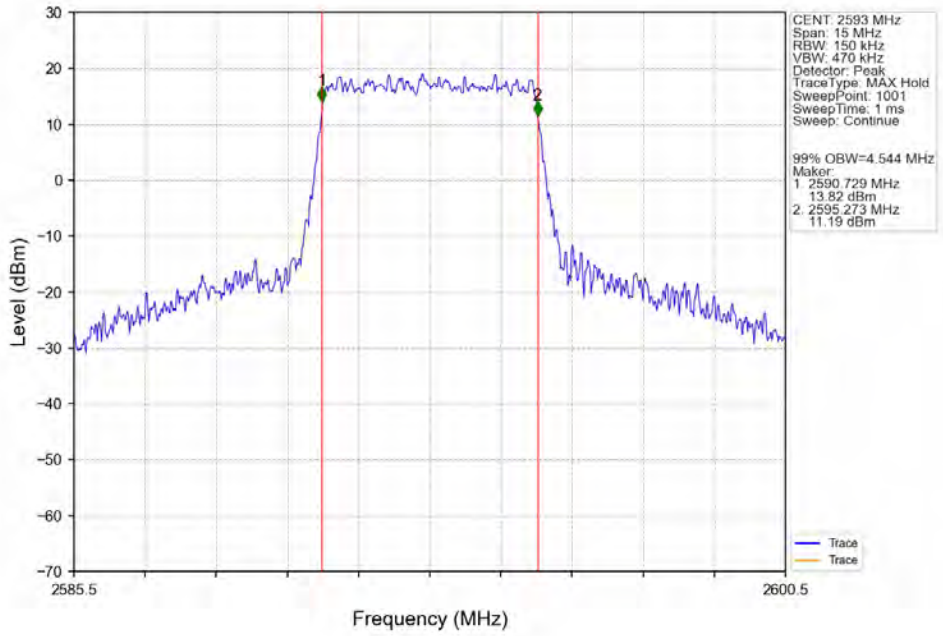
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



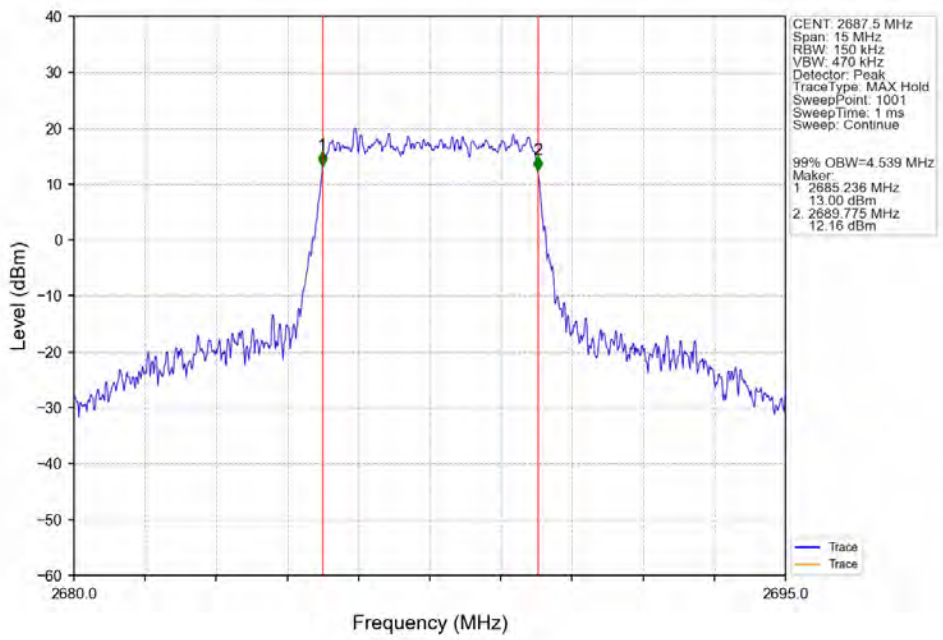
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



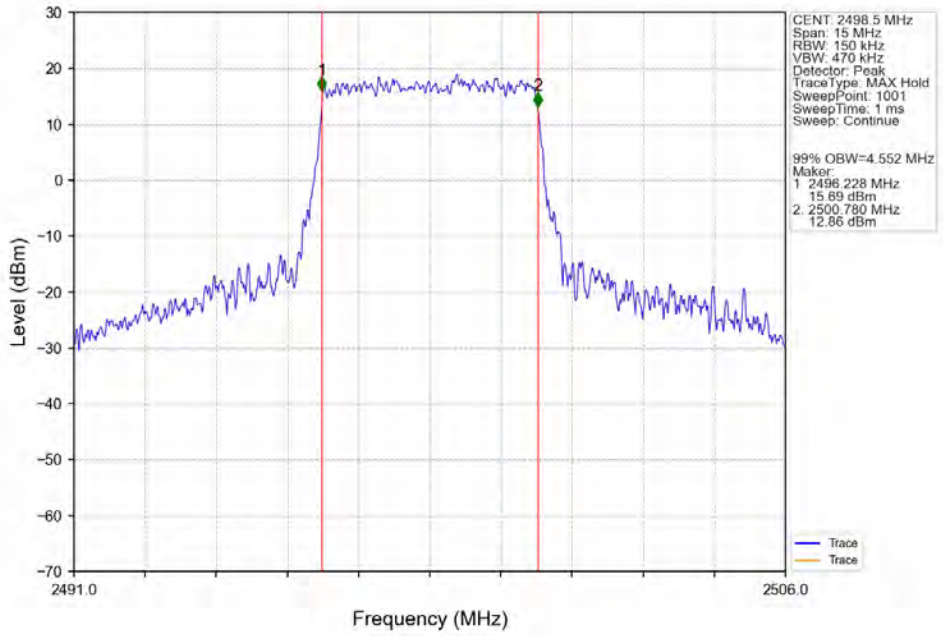
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



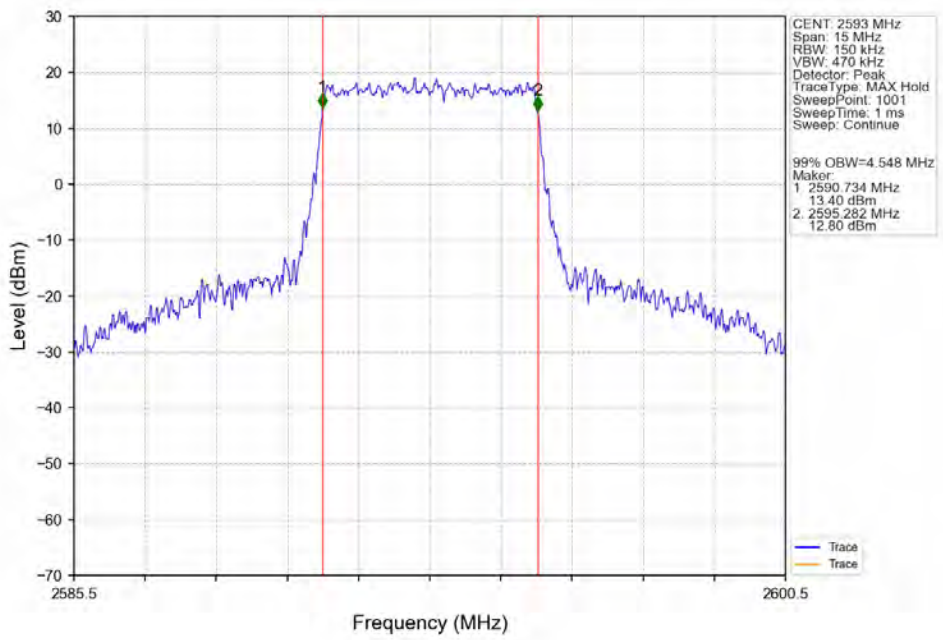
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



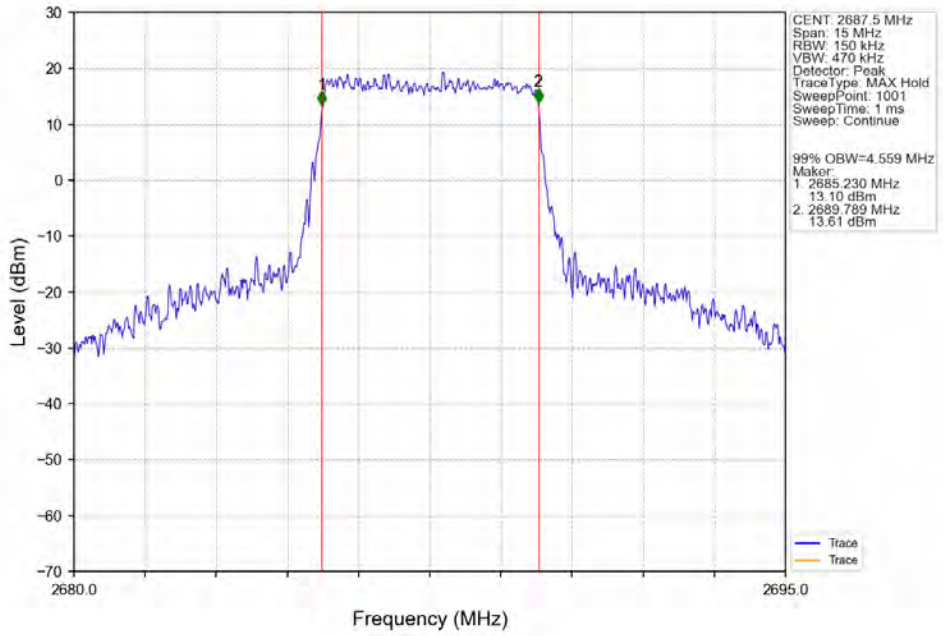
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



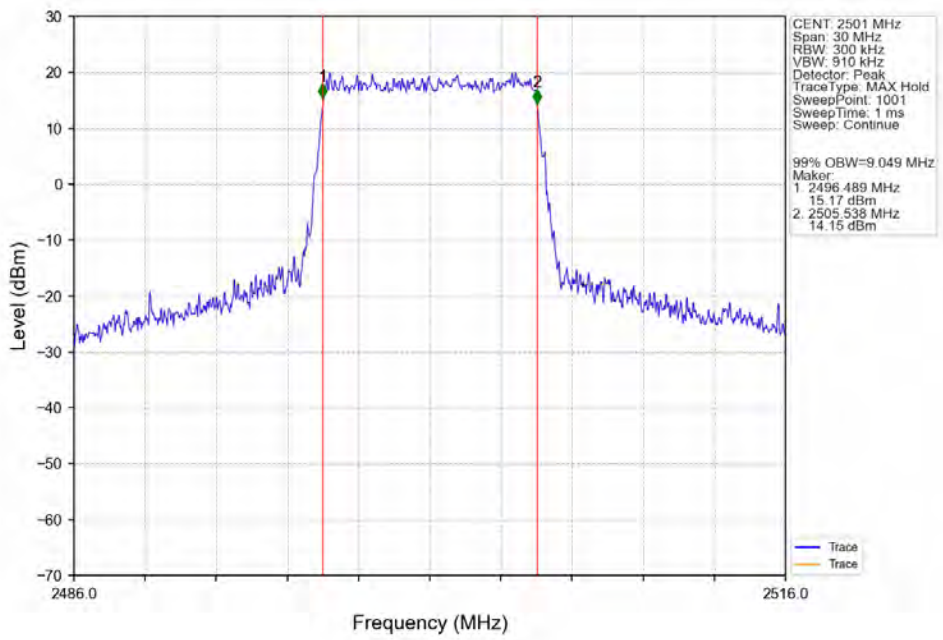
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



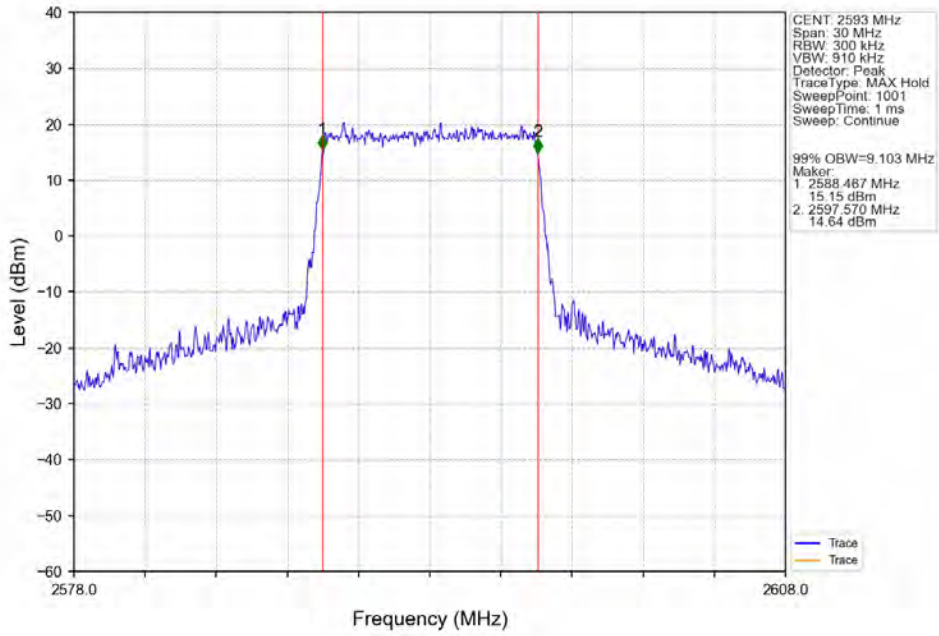
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



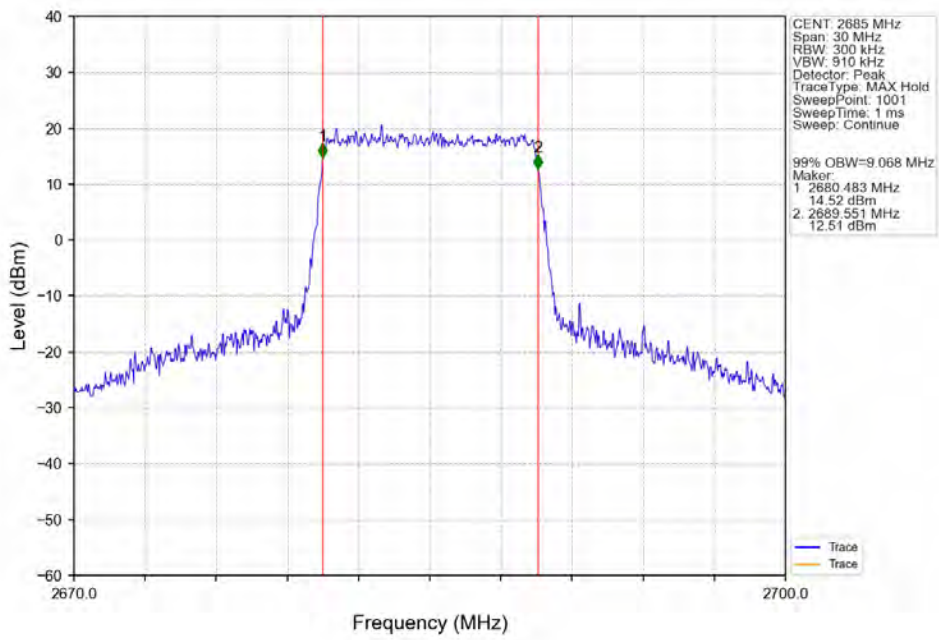
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



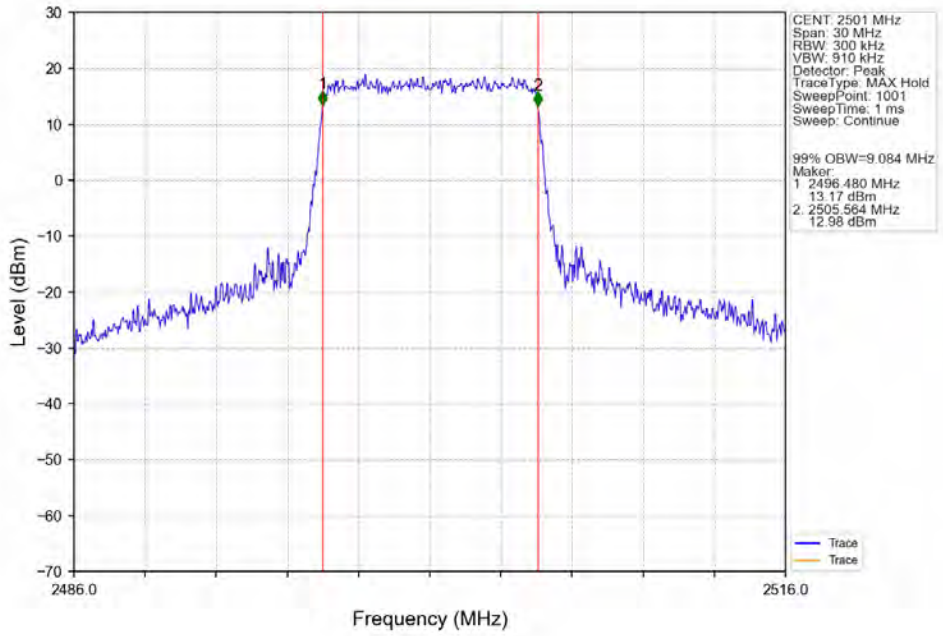
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



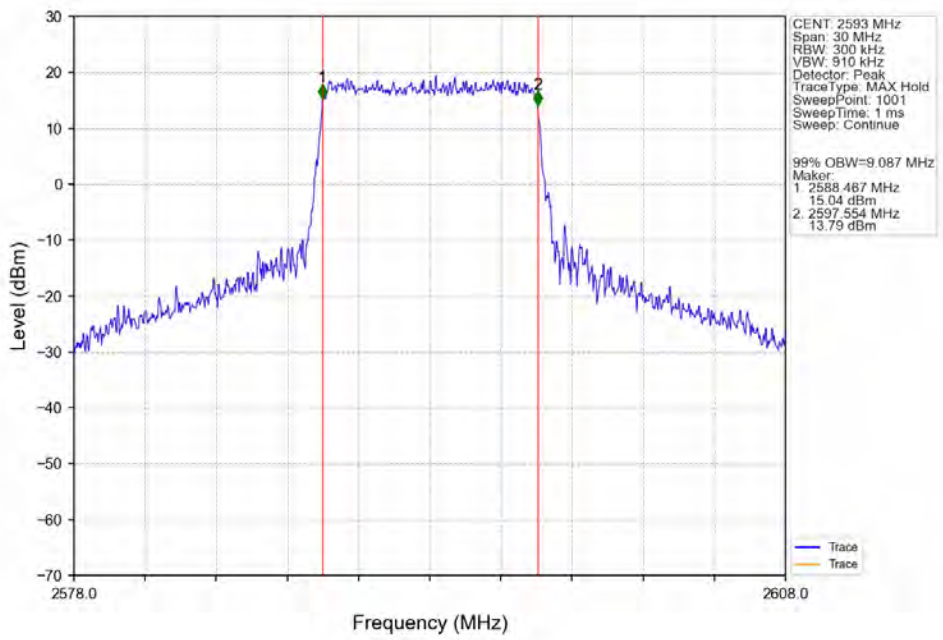
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



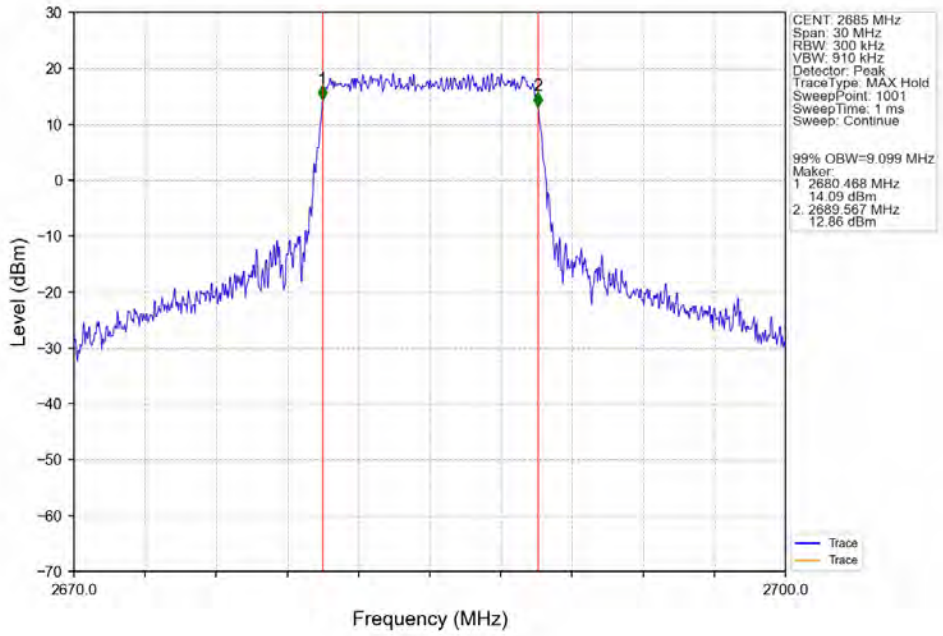
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



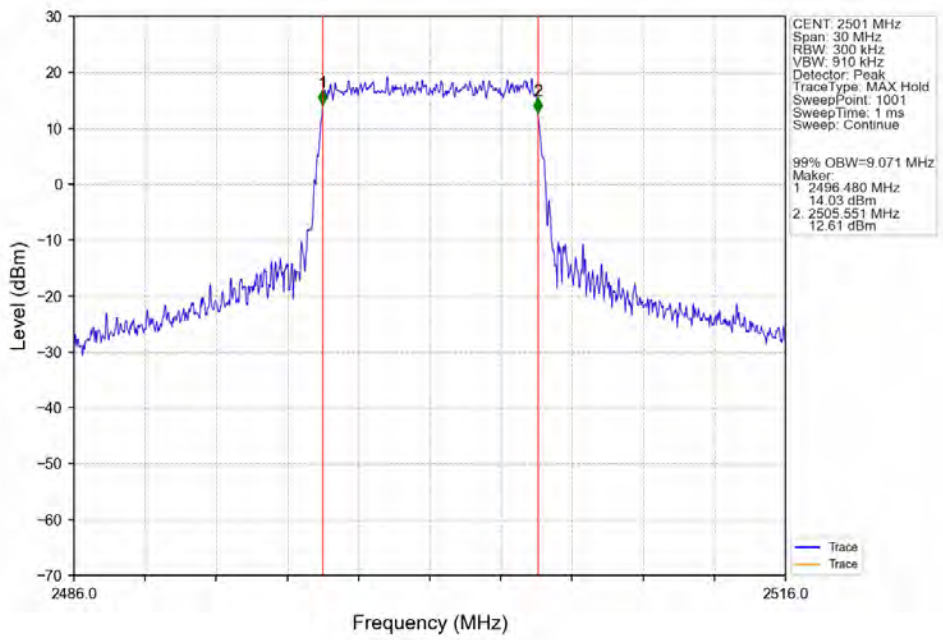
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



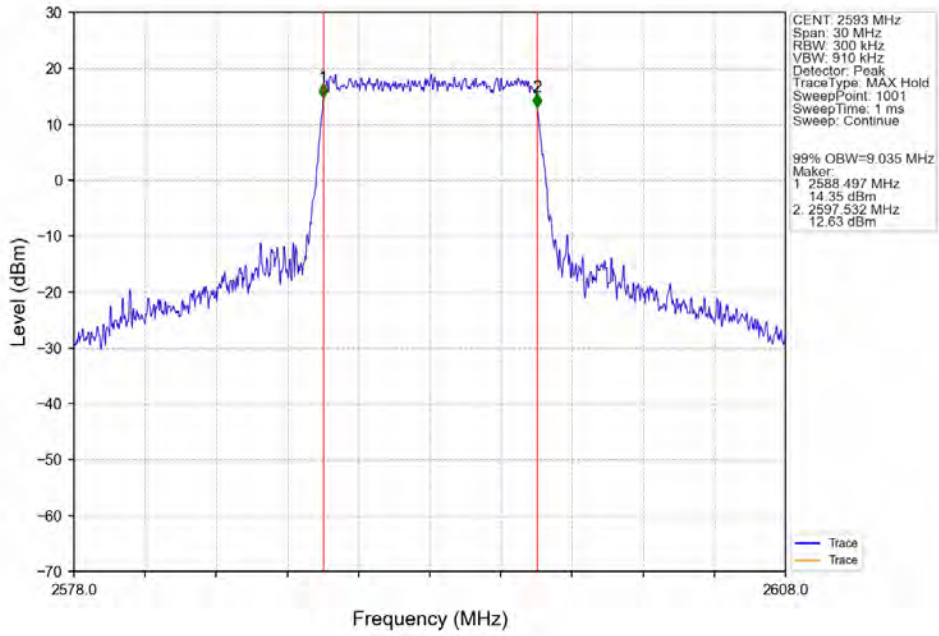
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



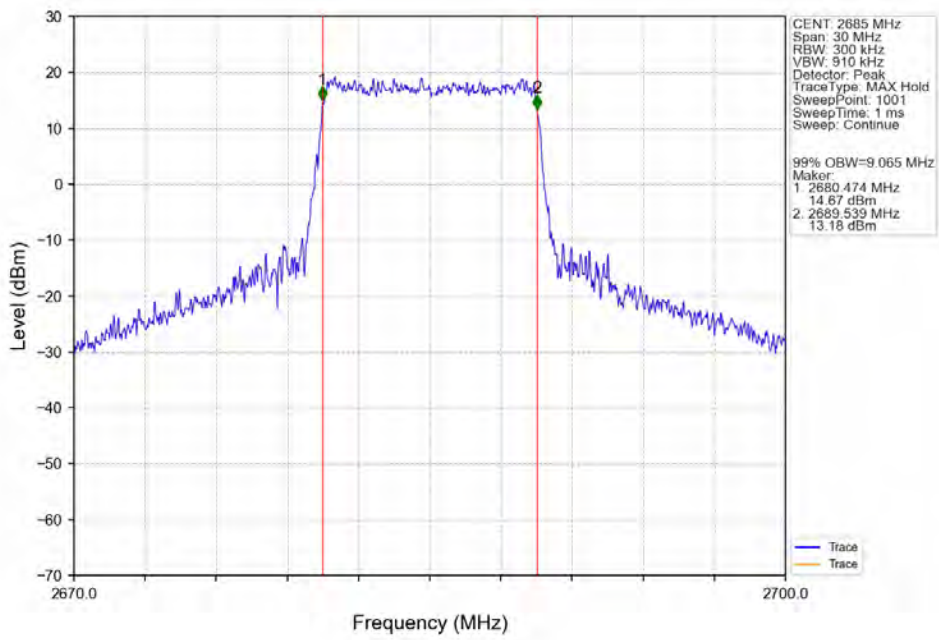
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



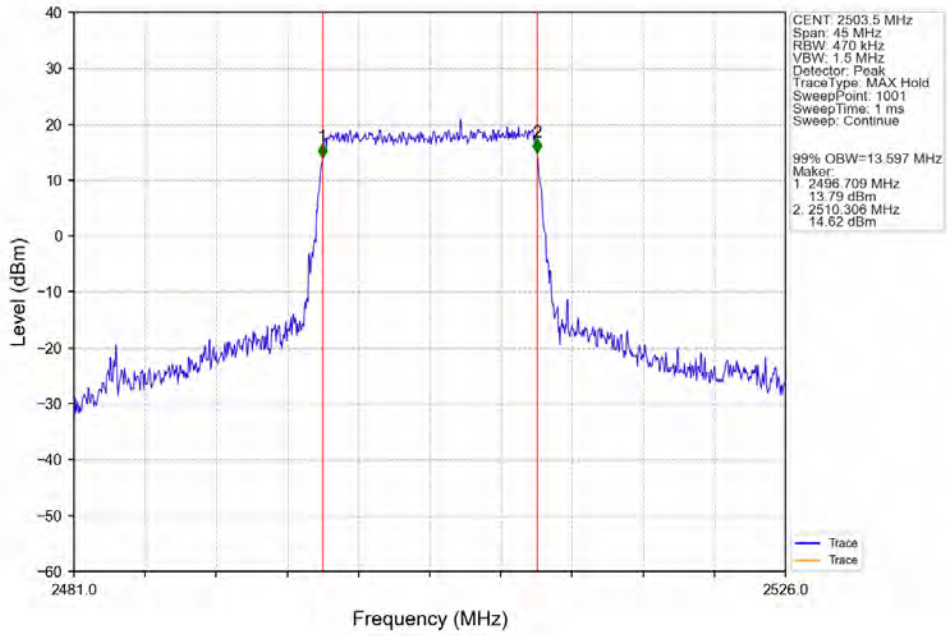
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



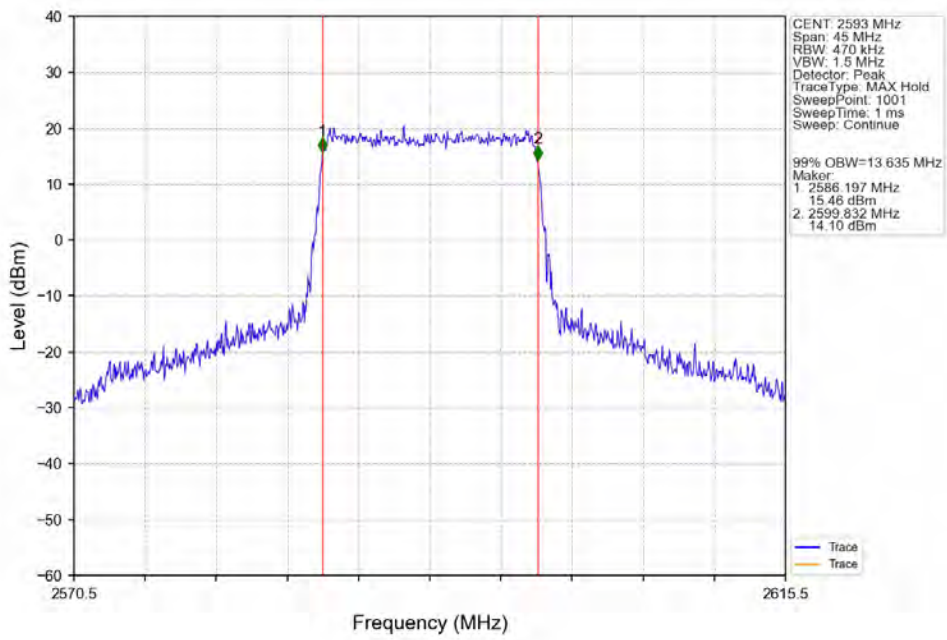
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



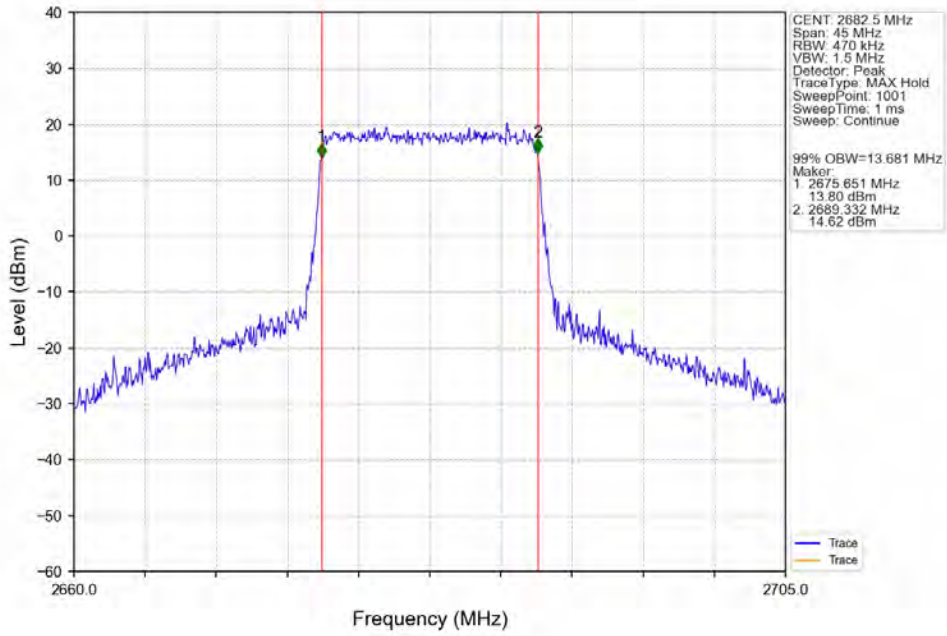
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



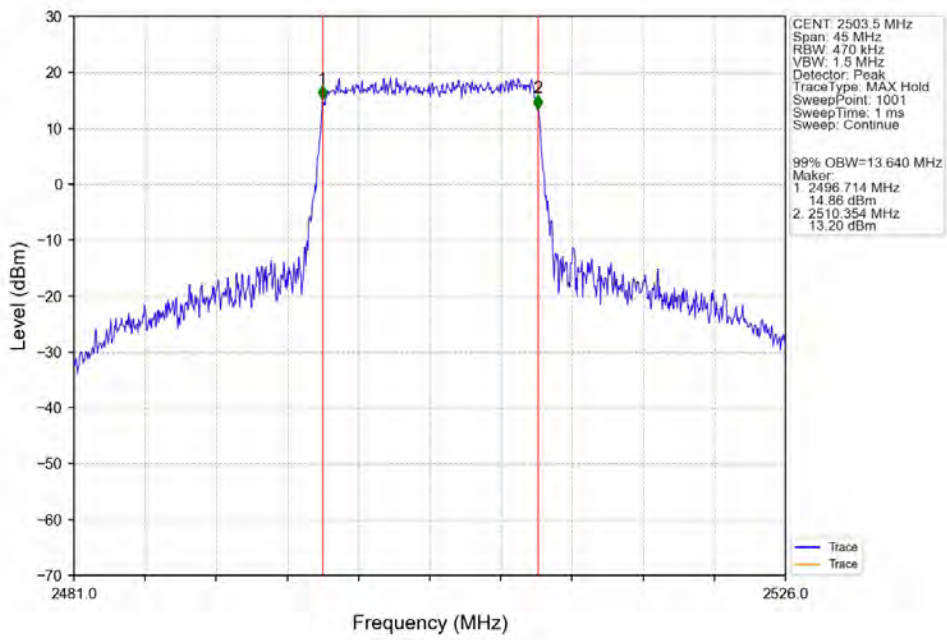
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



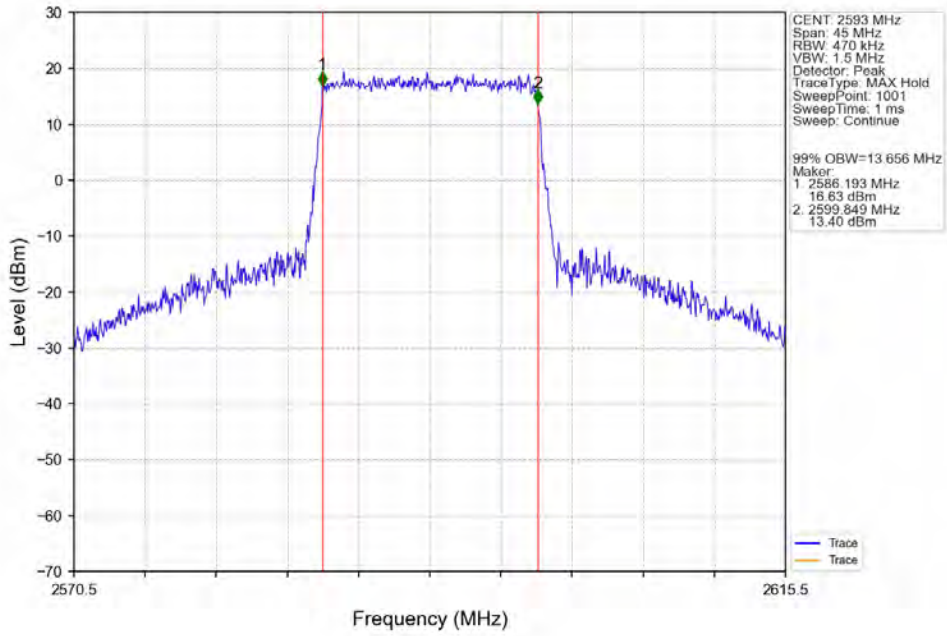
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



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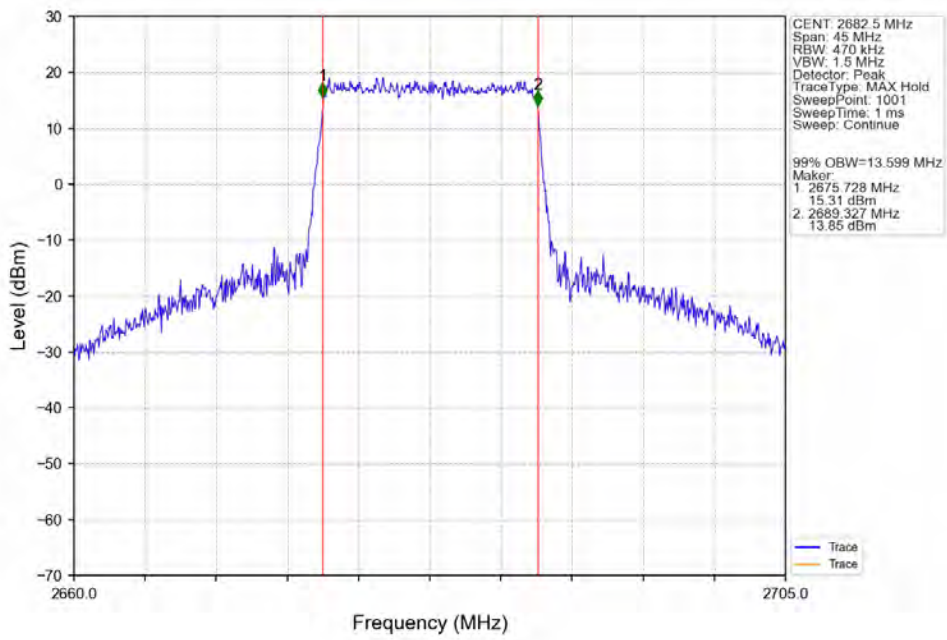

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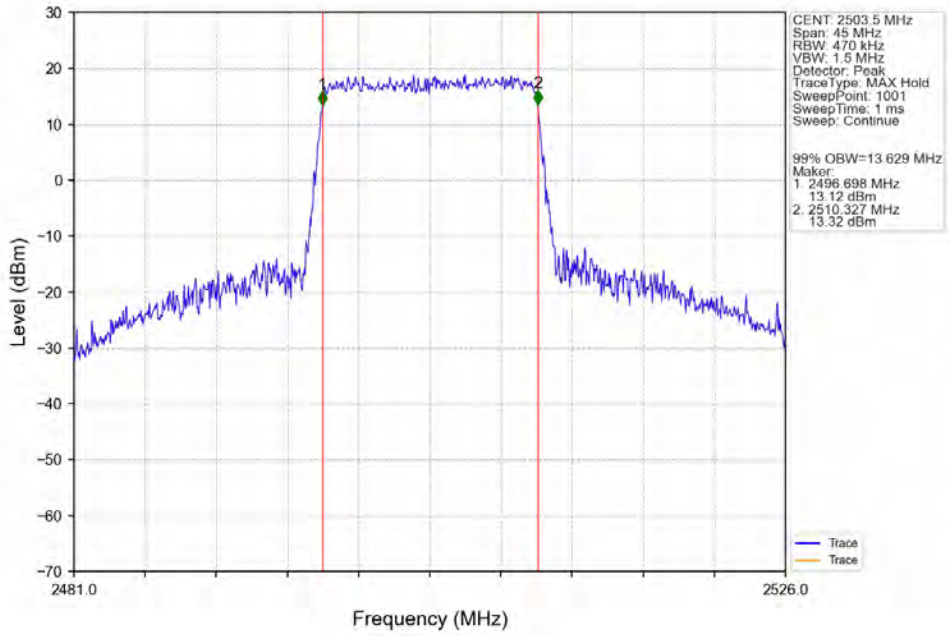

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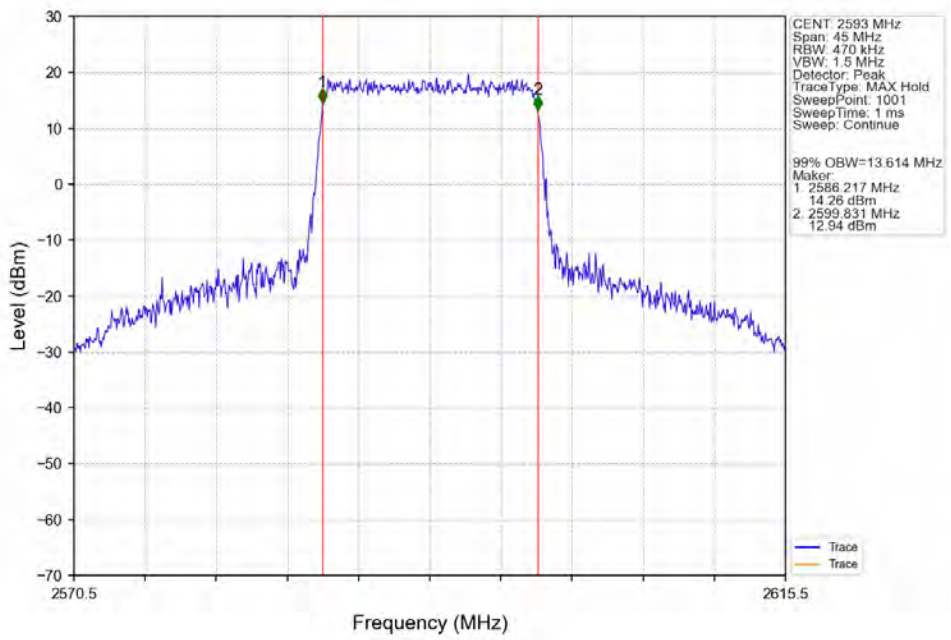

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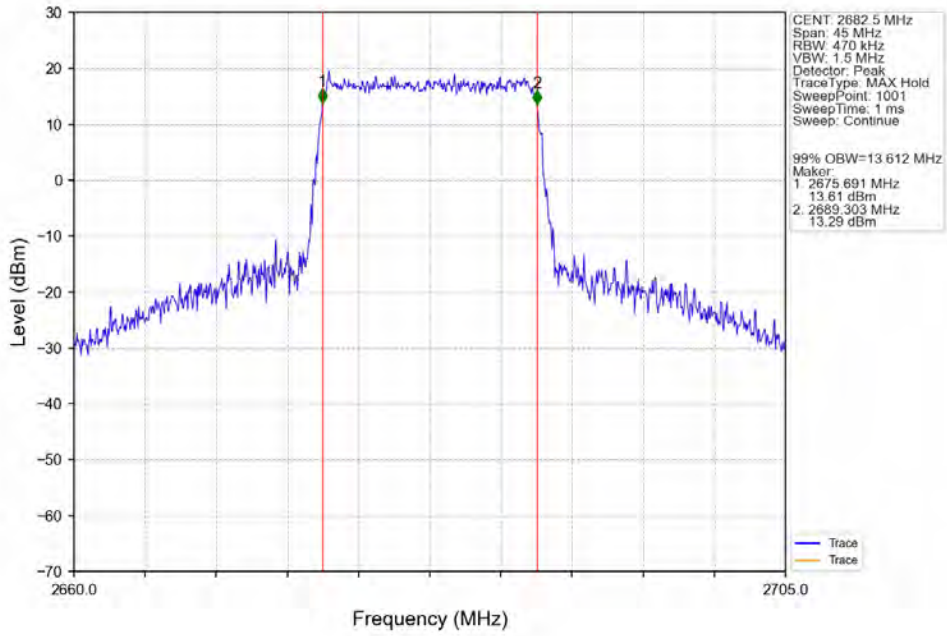

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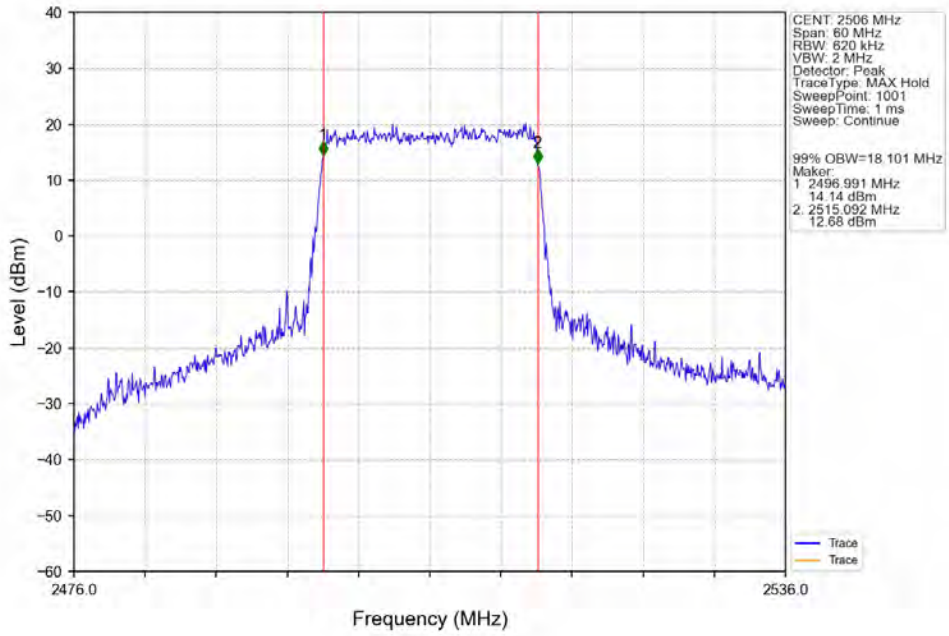
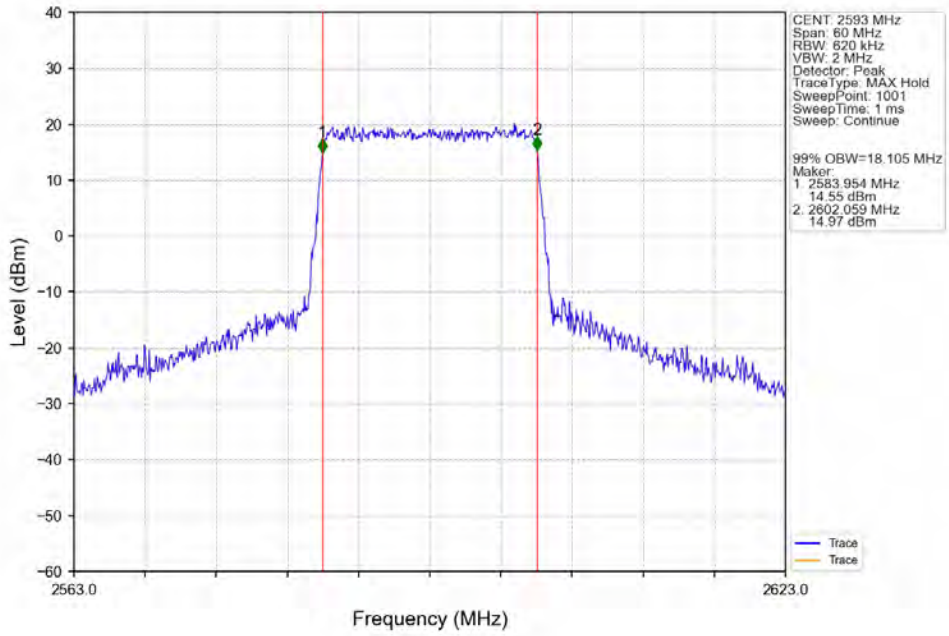


Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



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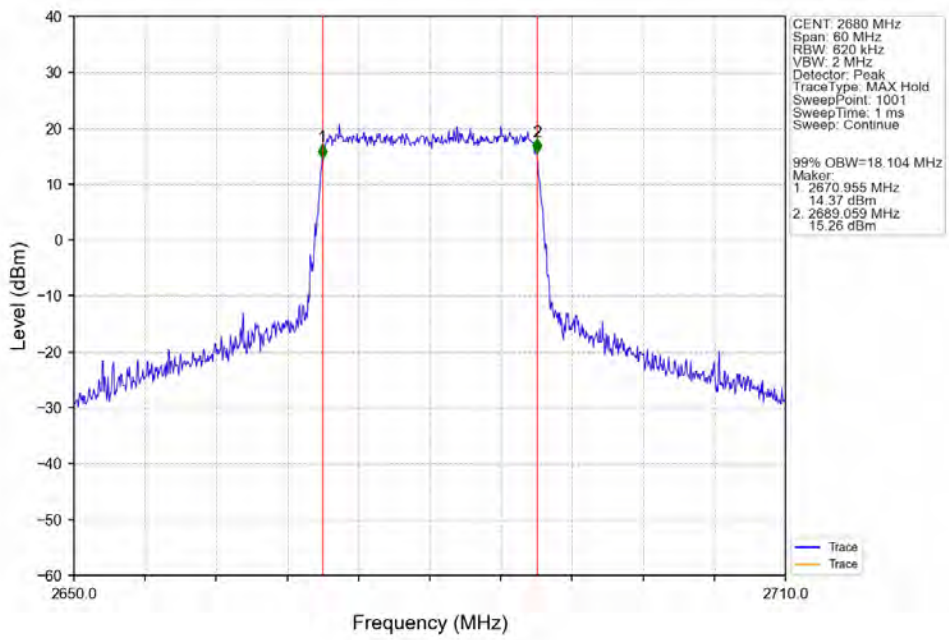

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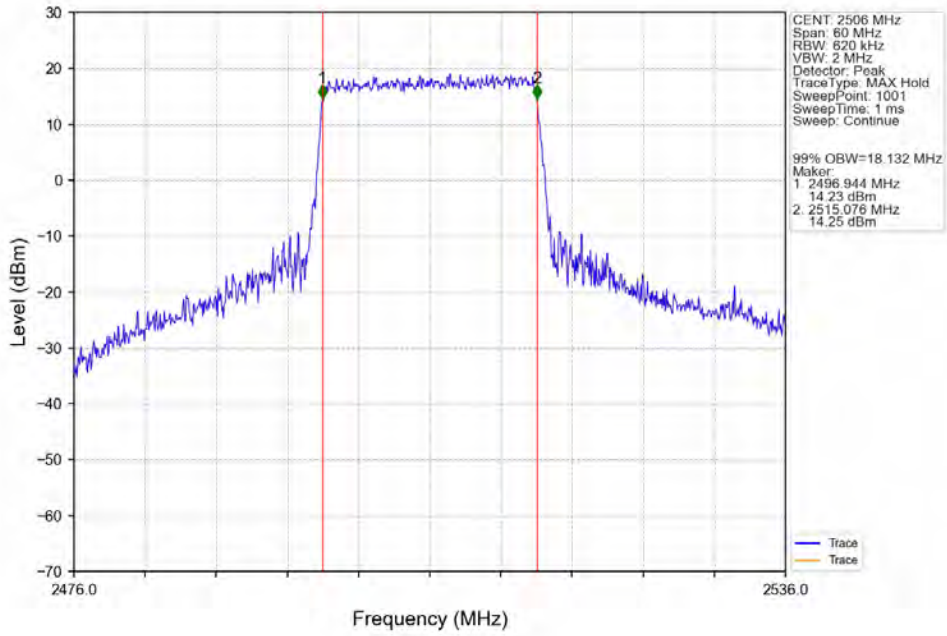

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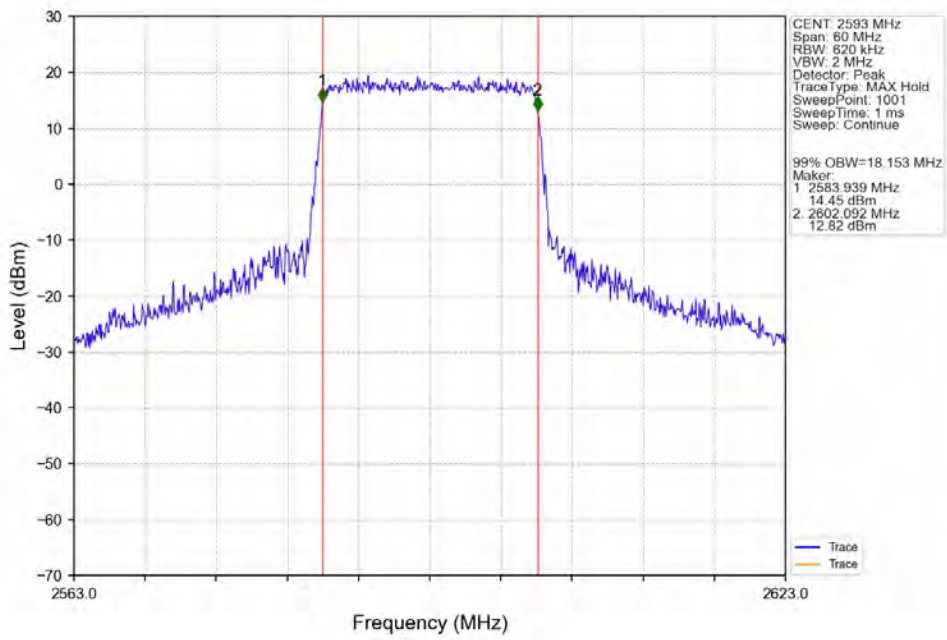

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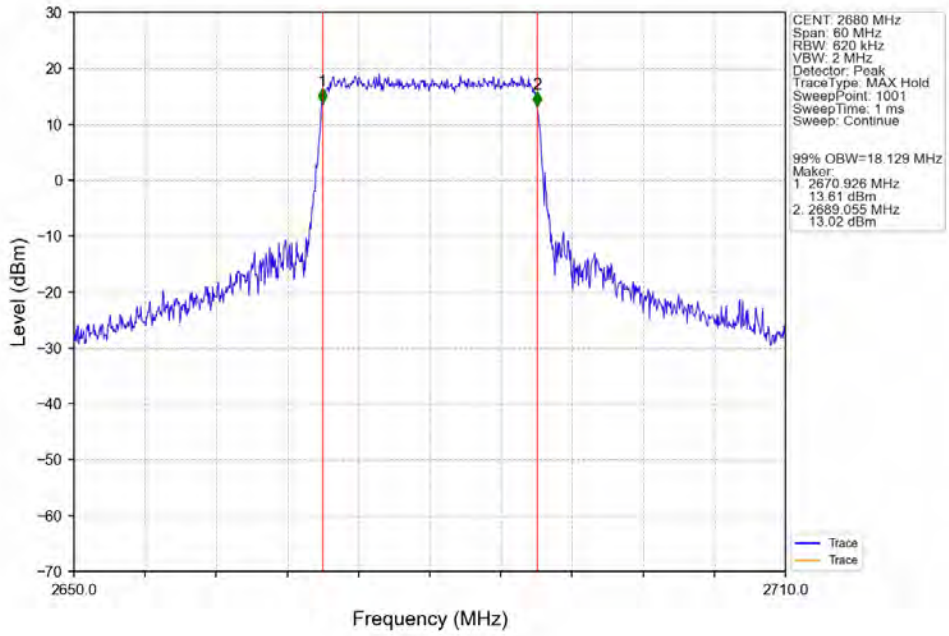
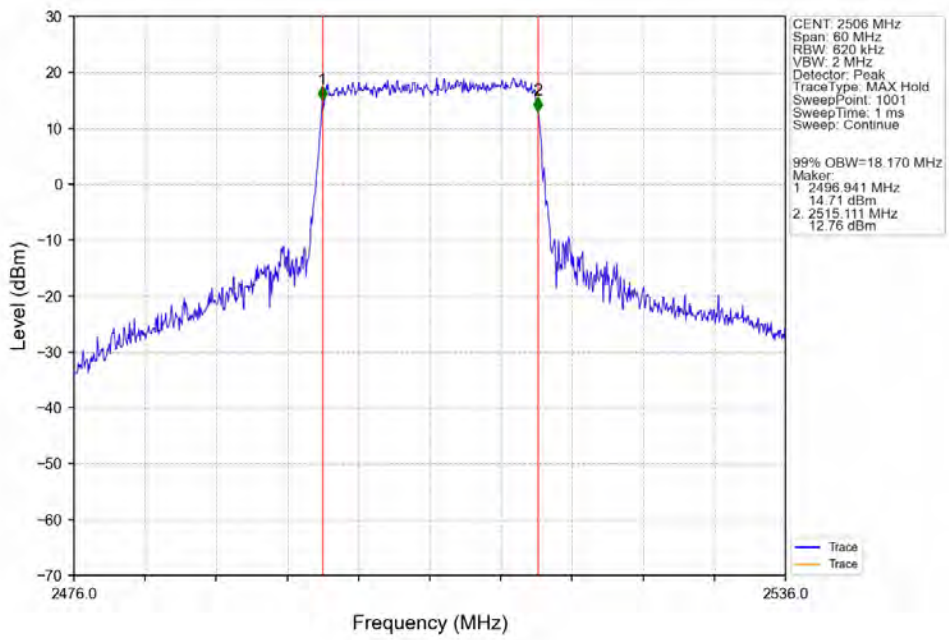
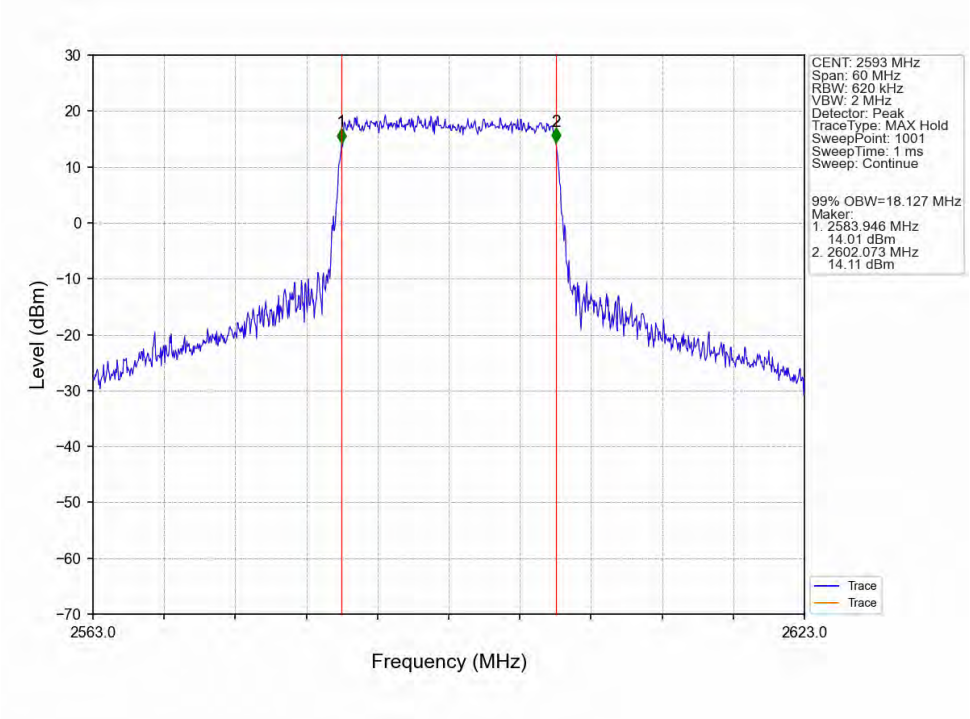


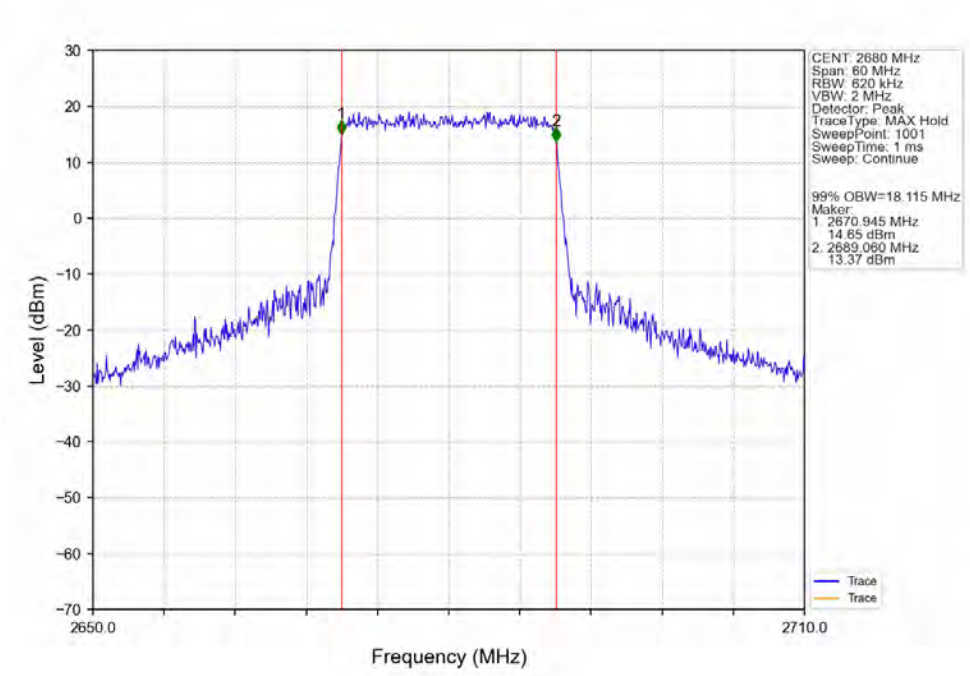
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV

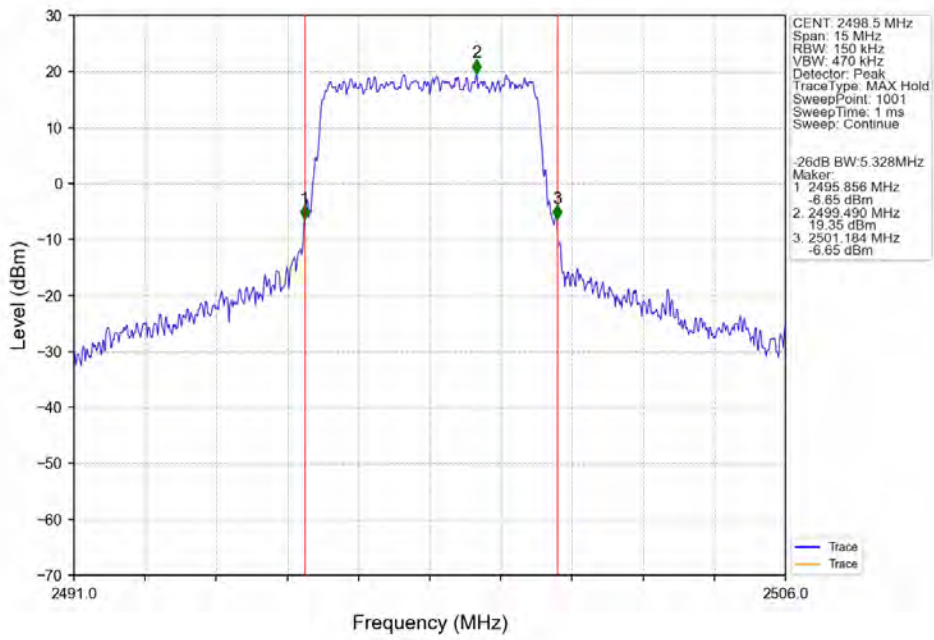


Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV

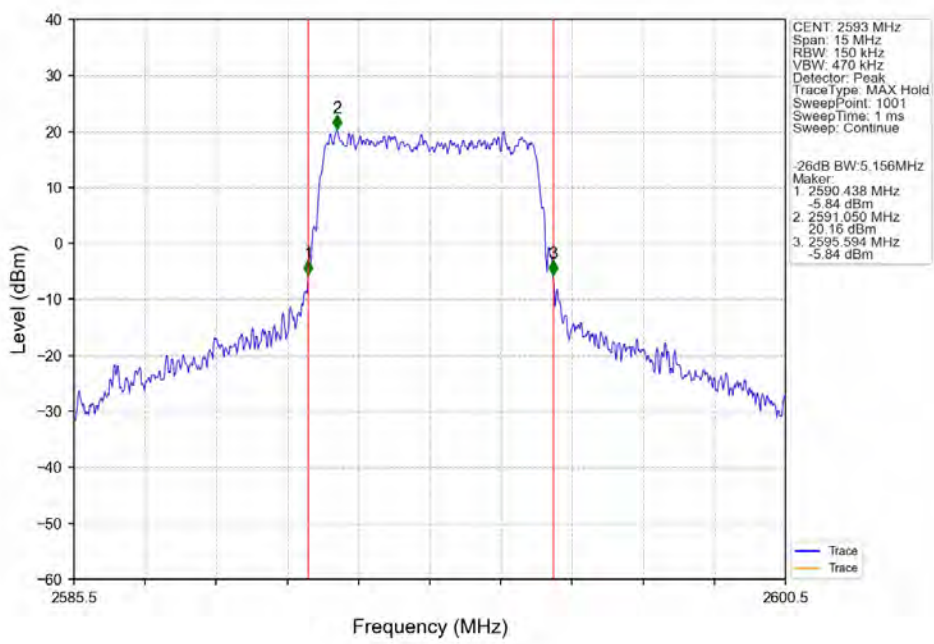


3.2.2 Band41_XDB

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



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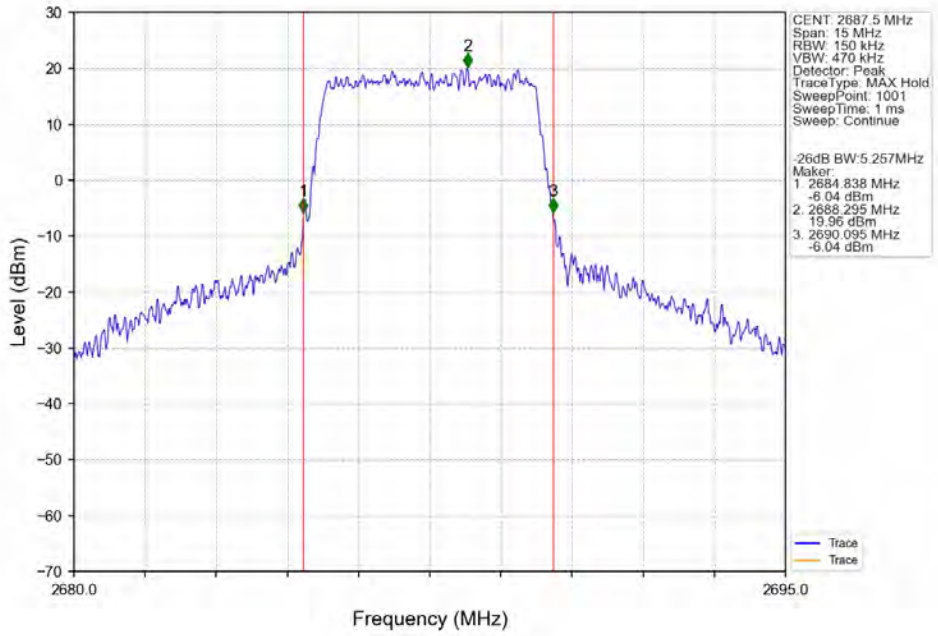
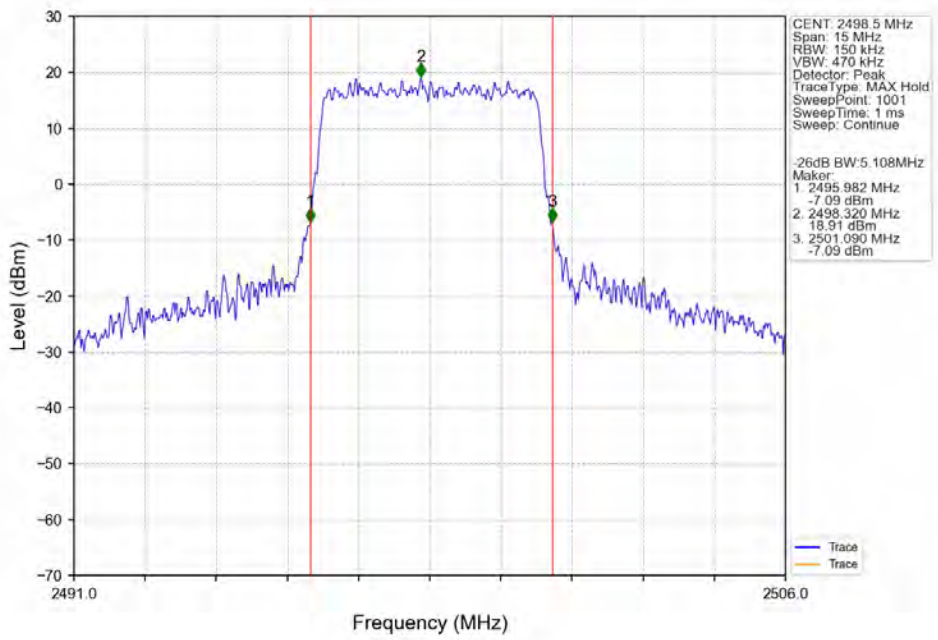
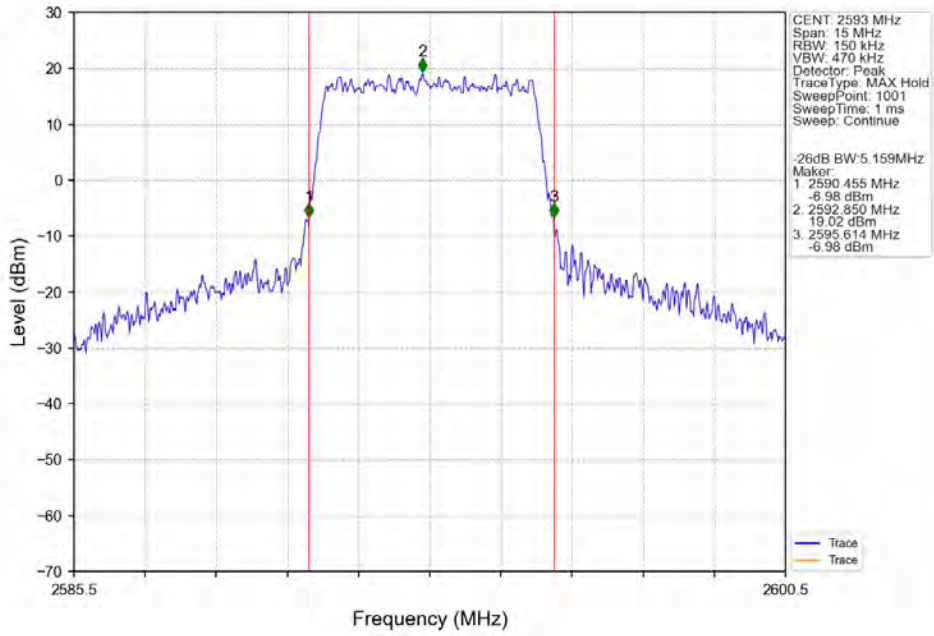


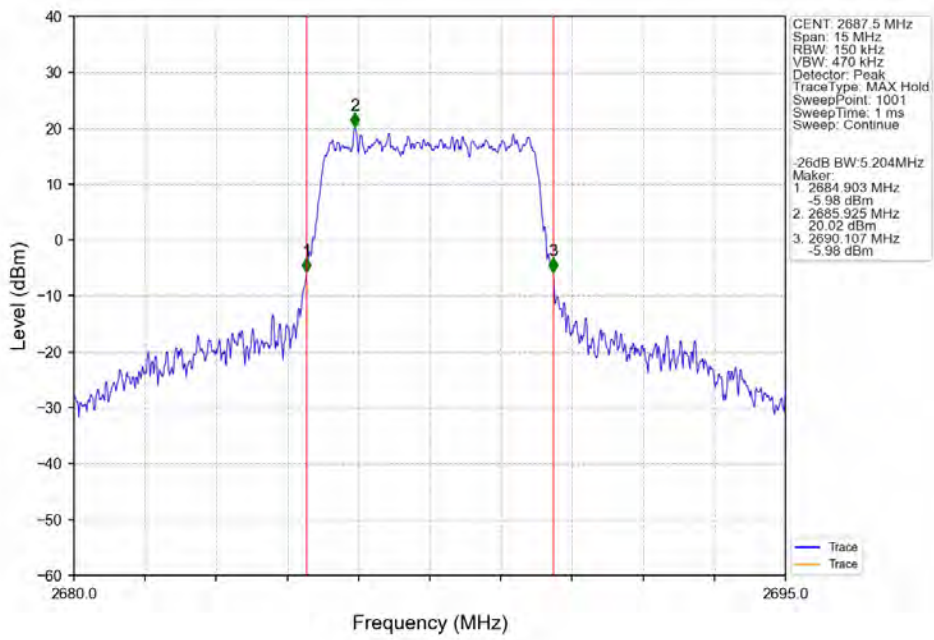
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



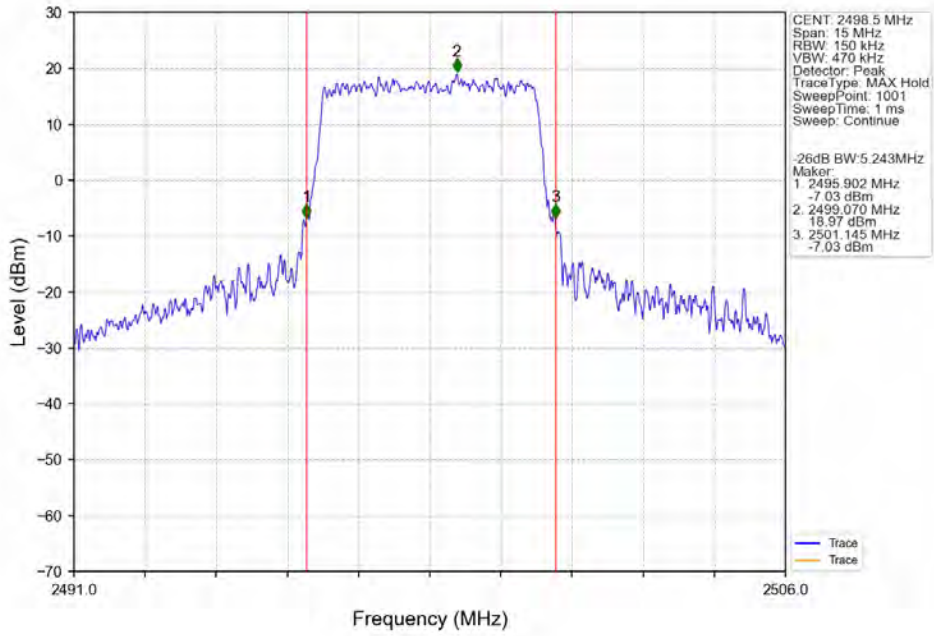
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



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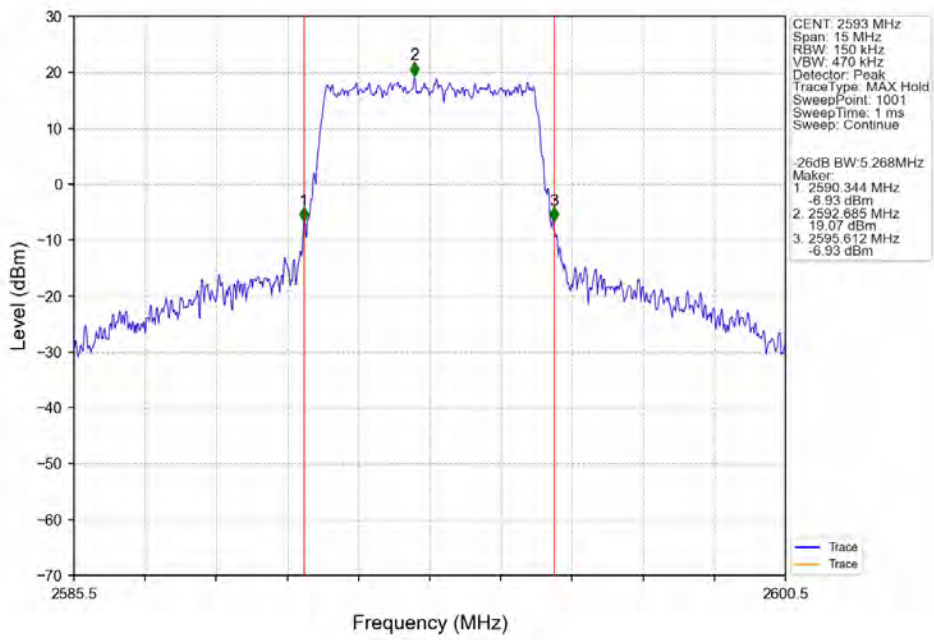
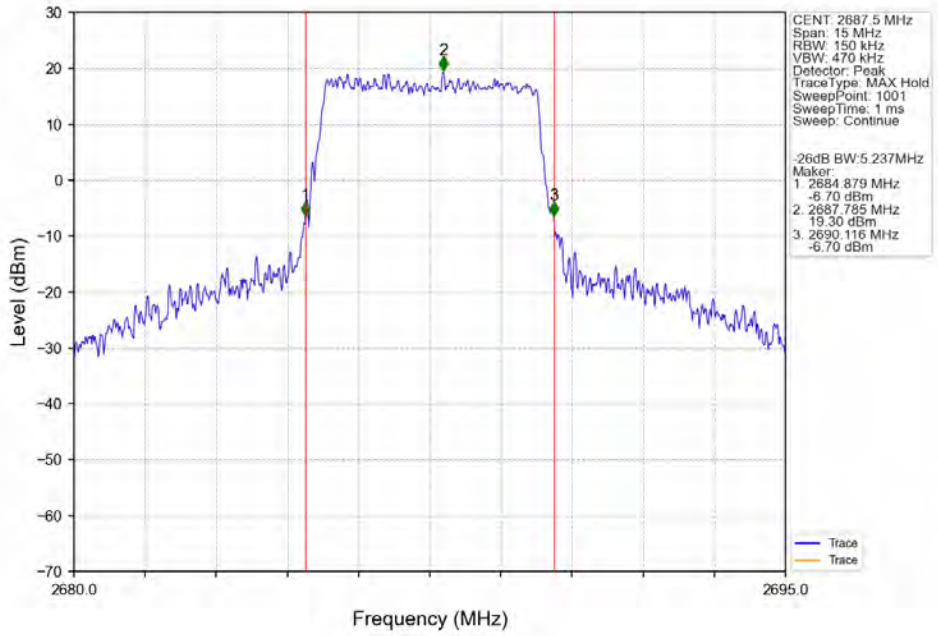


Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



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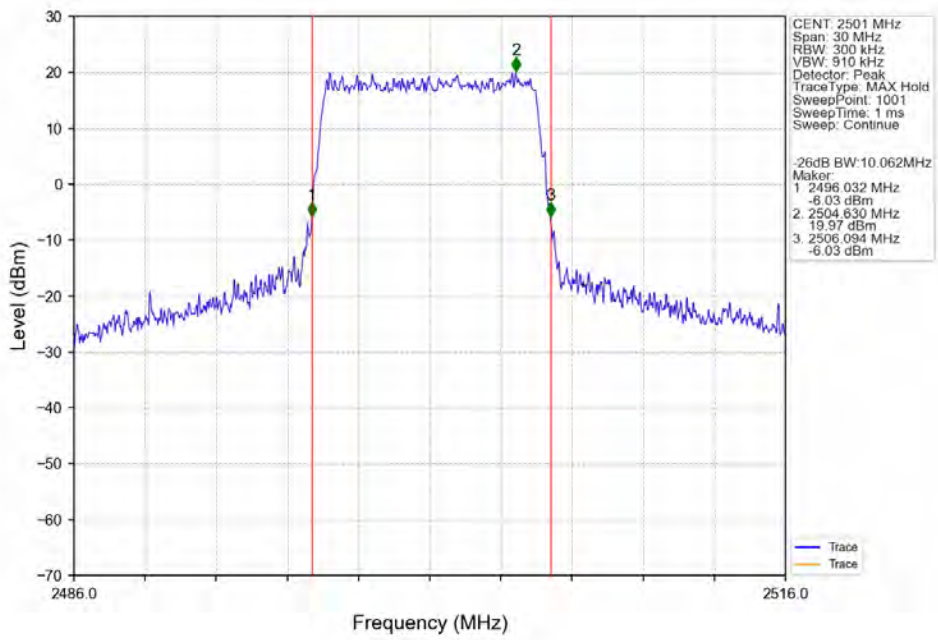

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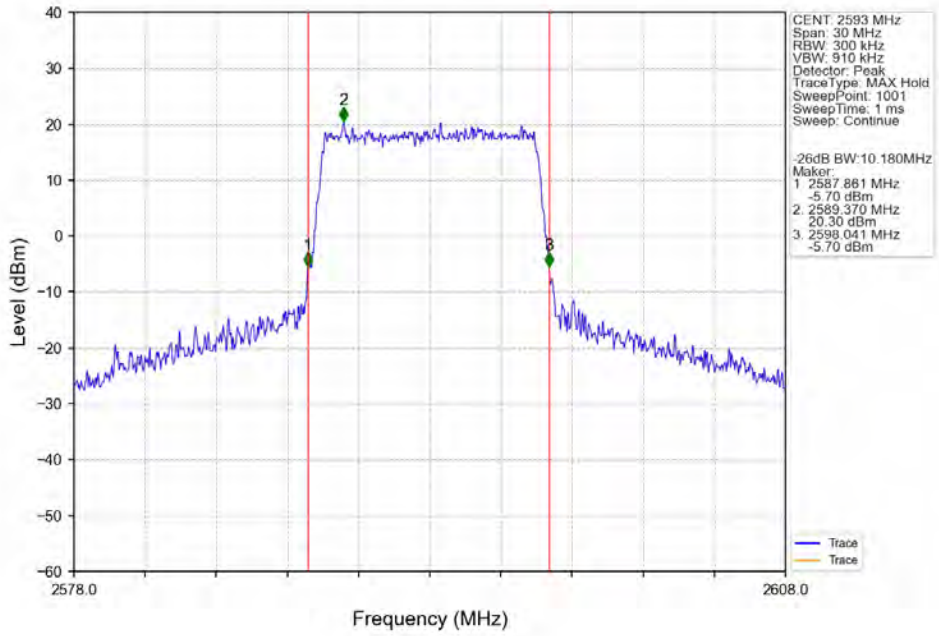

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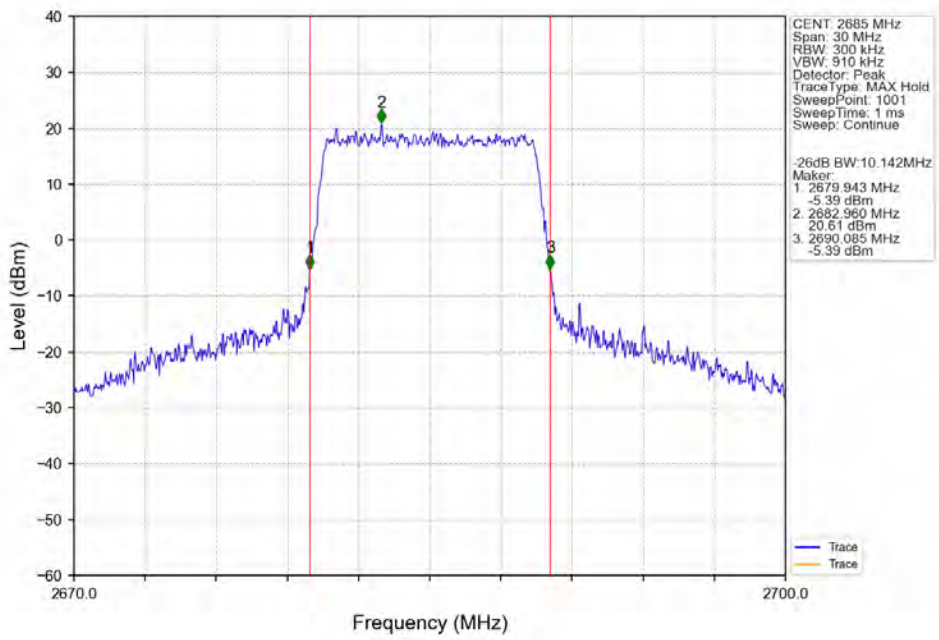

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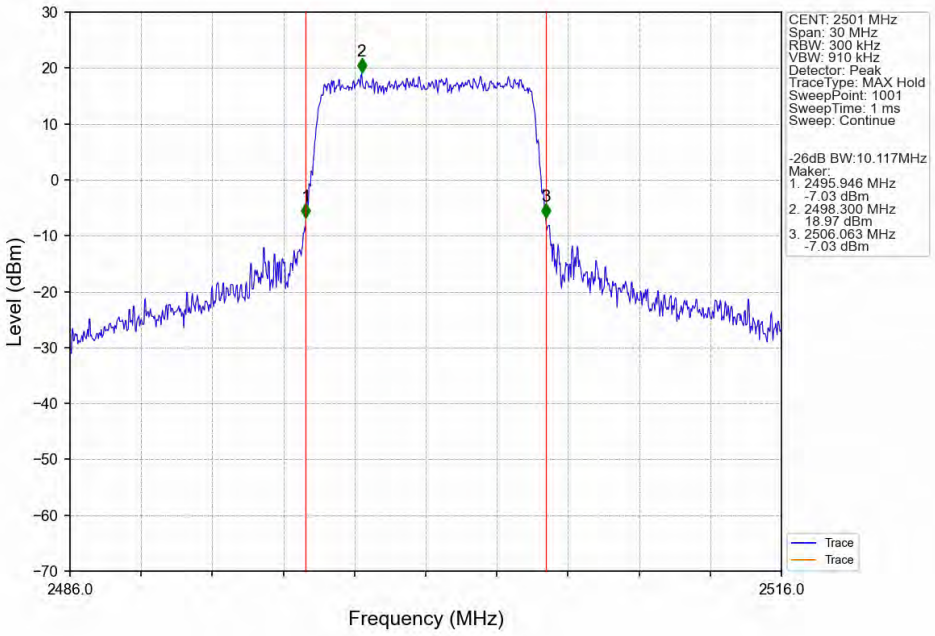

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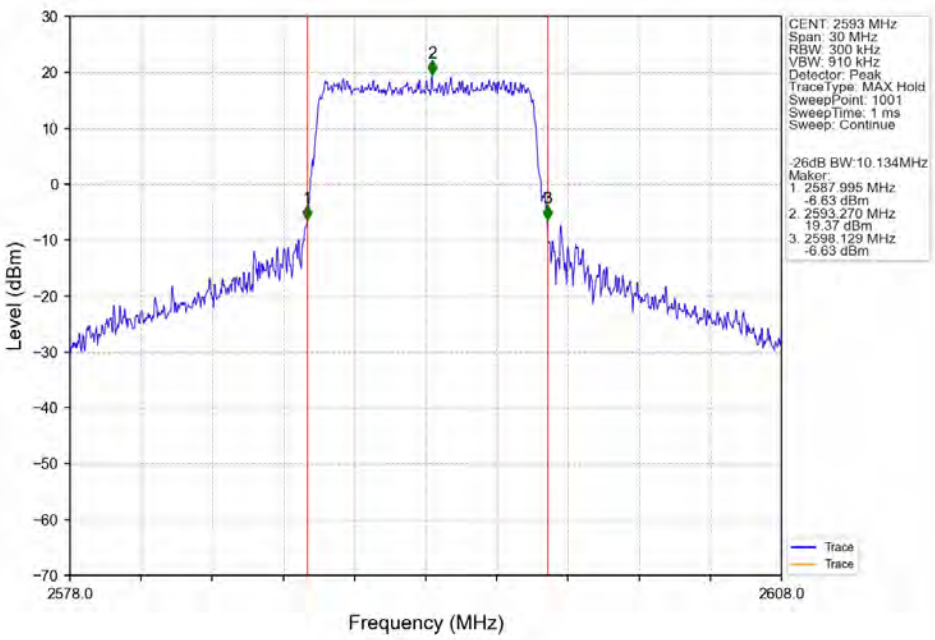

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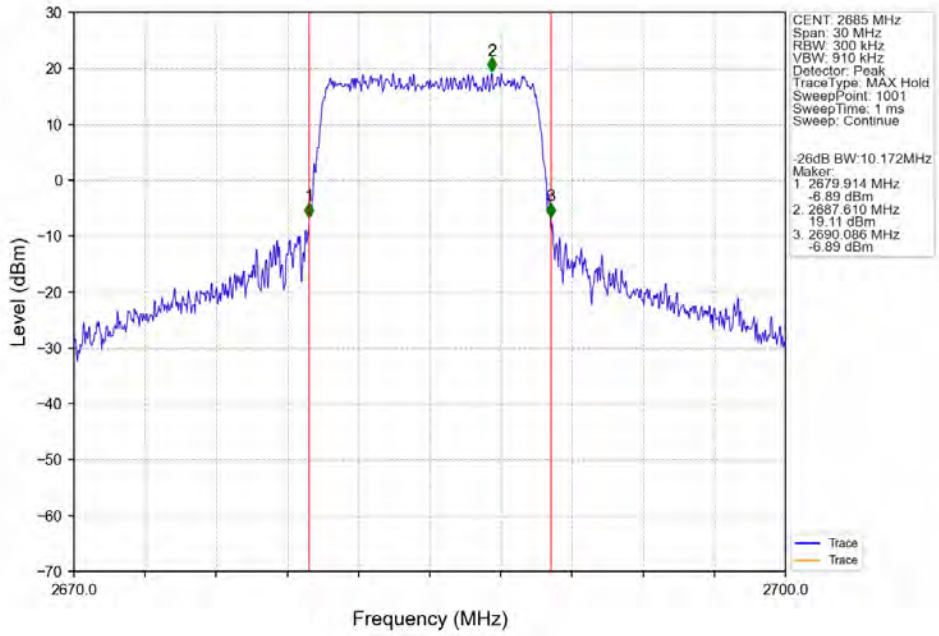

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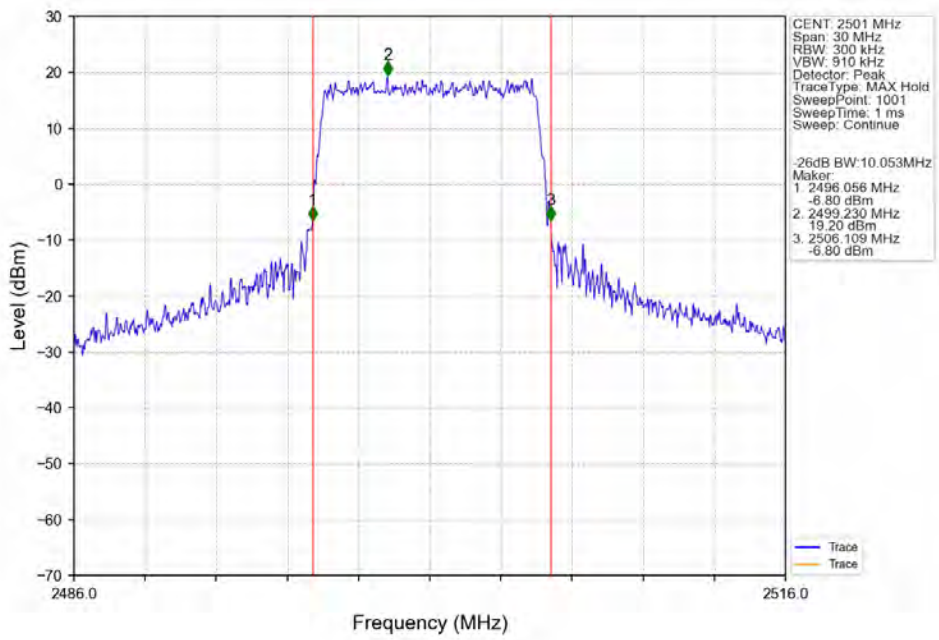

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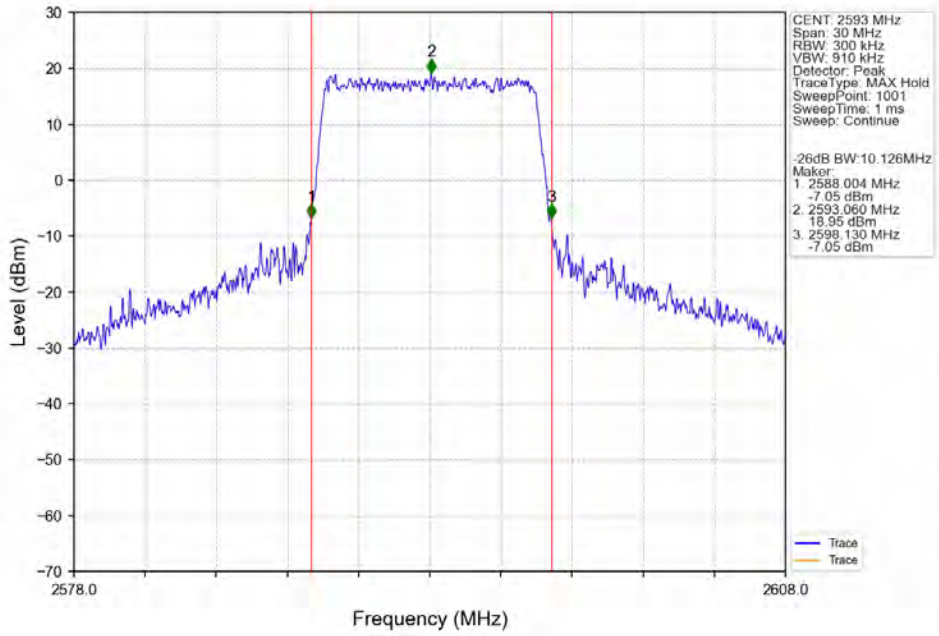
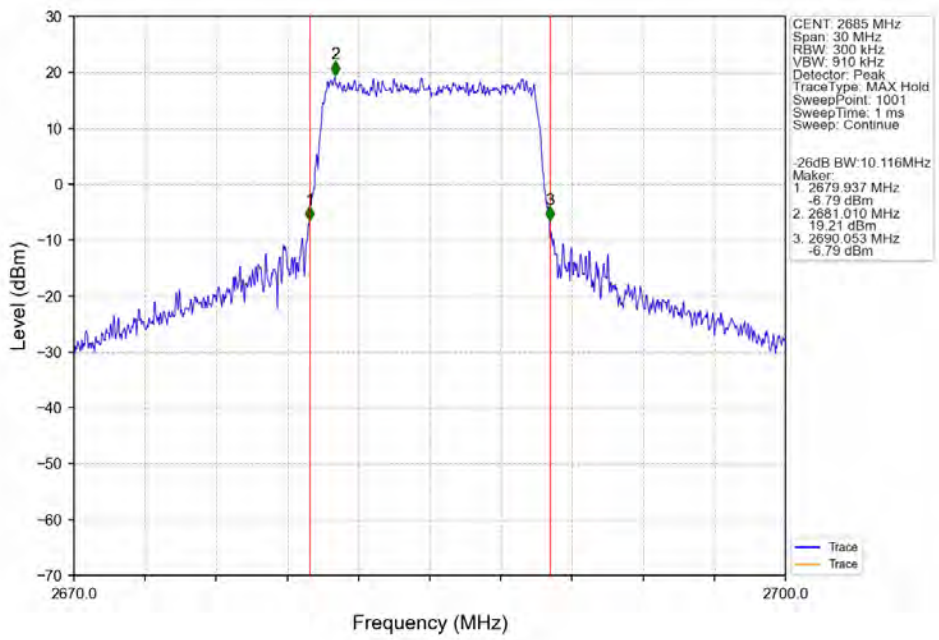
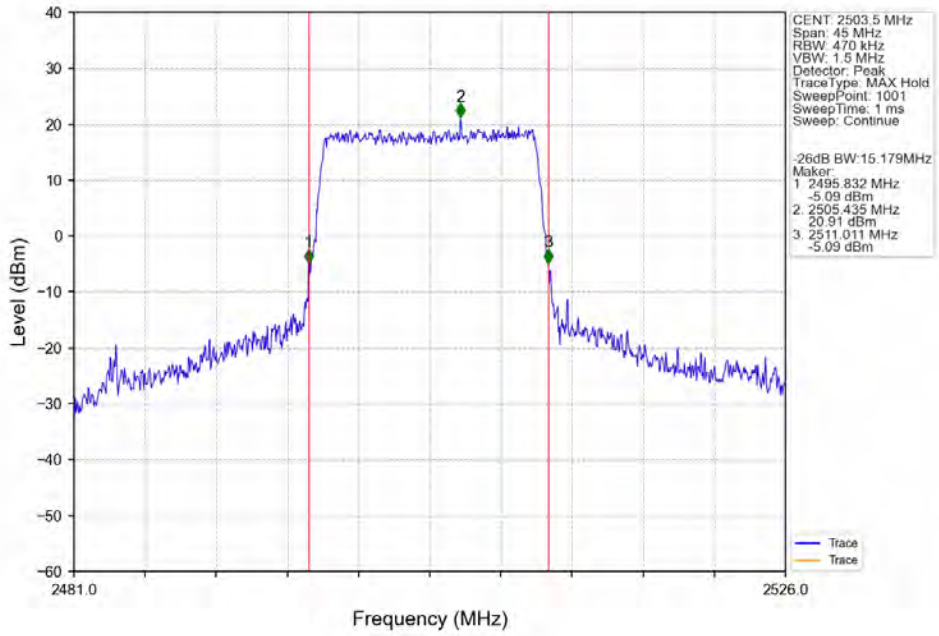


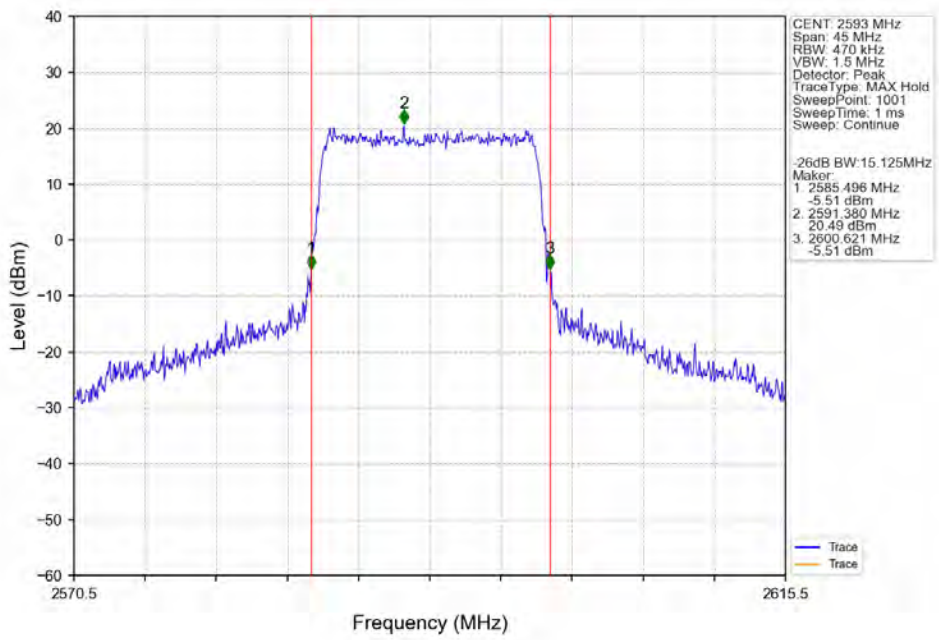
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



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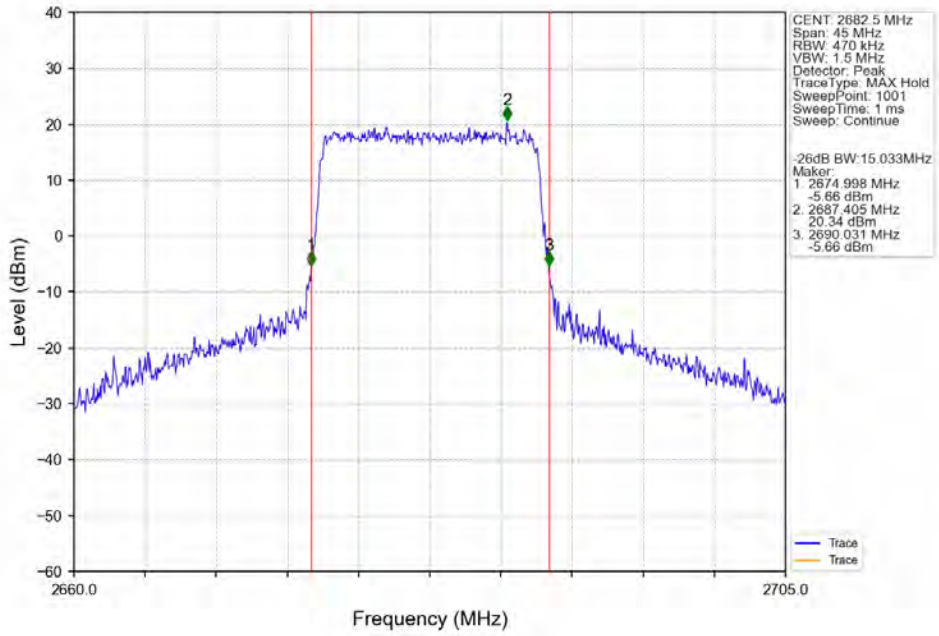
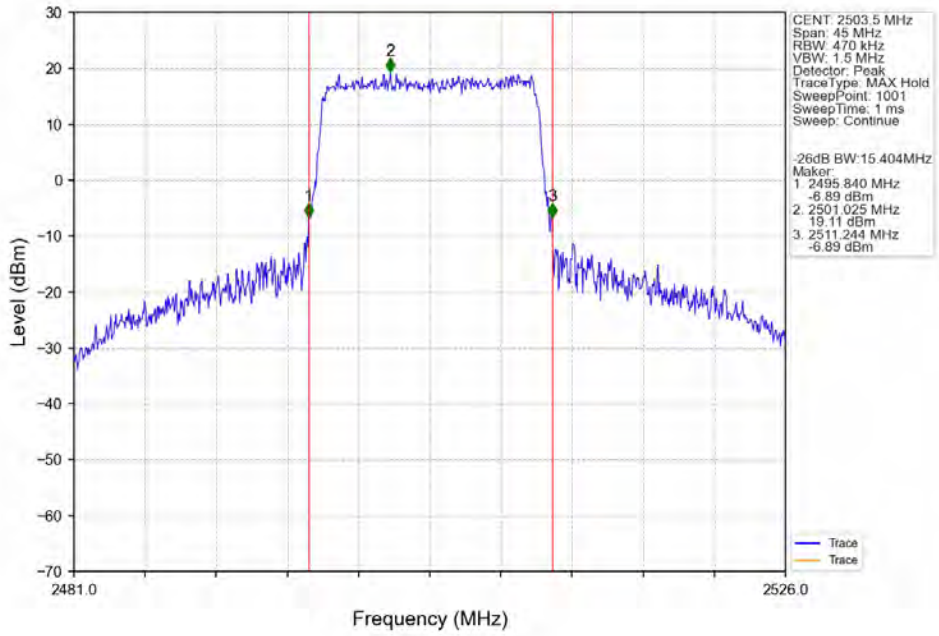
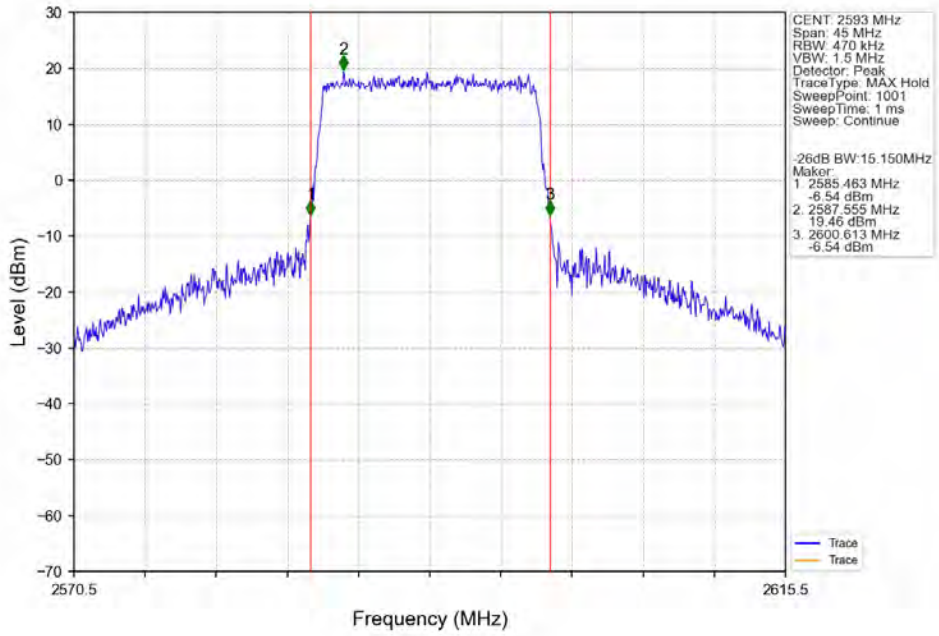


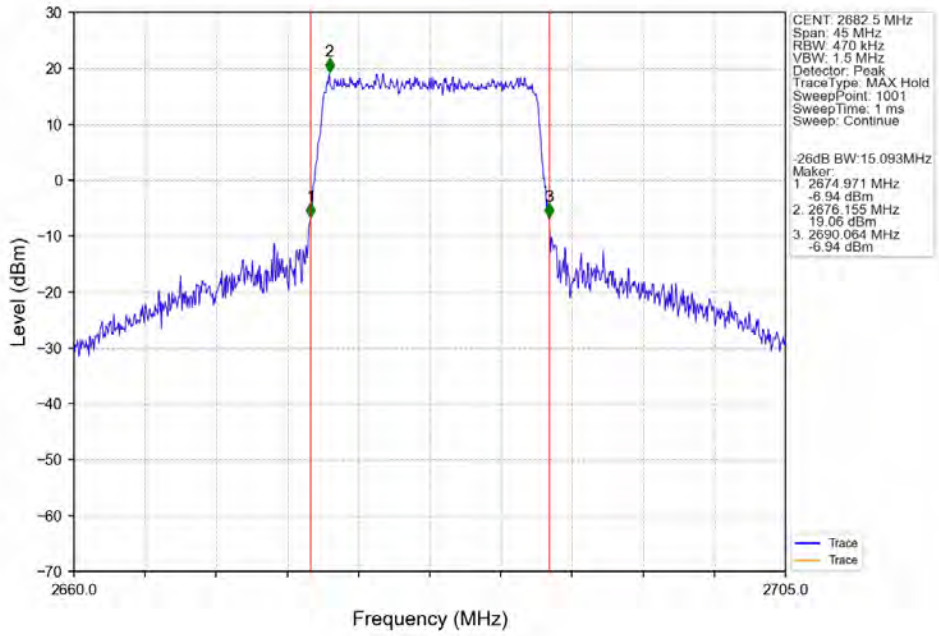
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



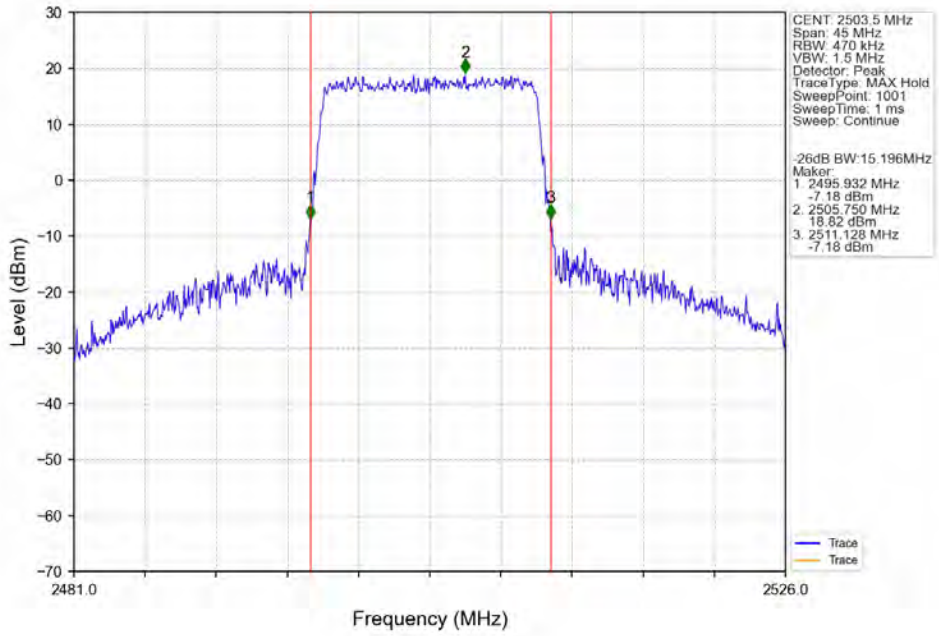
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



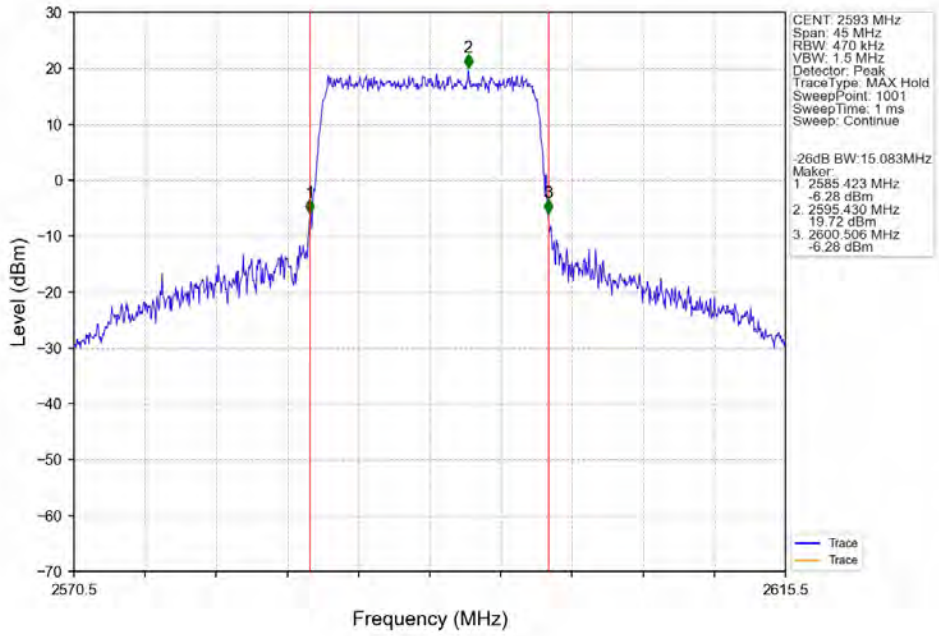
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



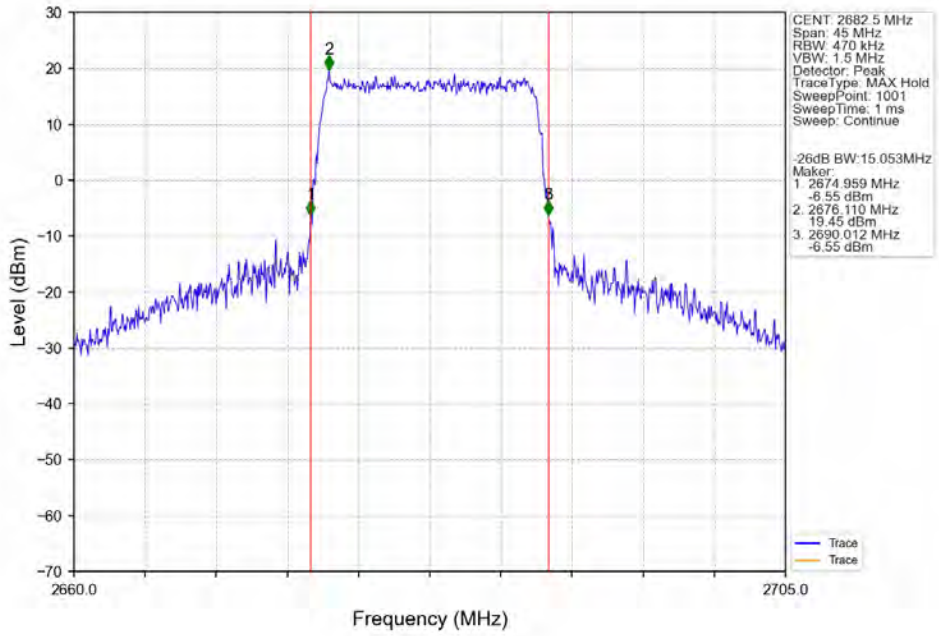
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



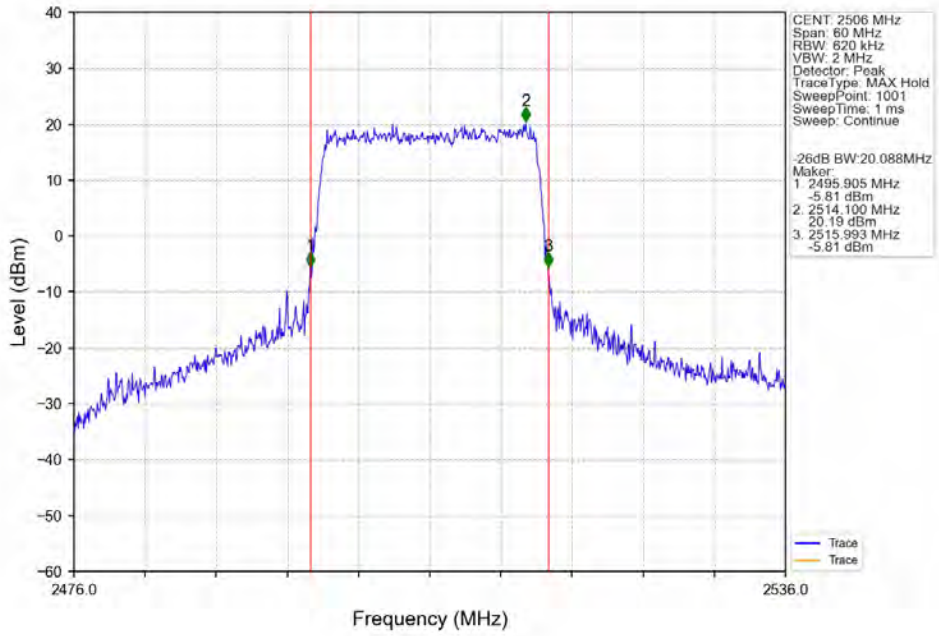
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



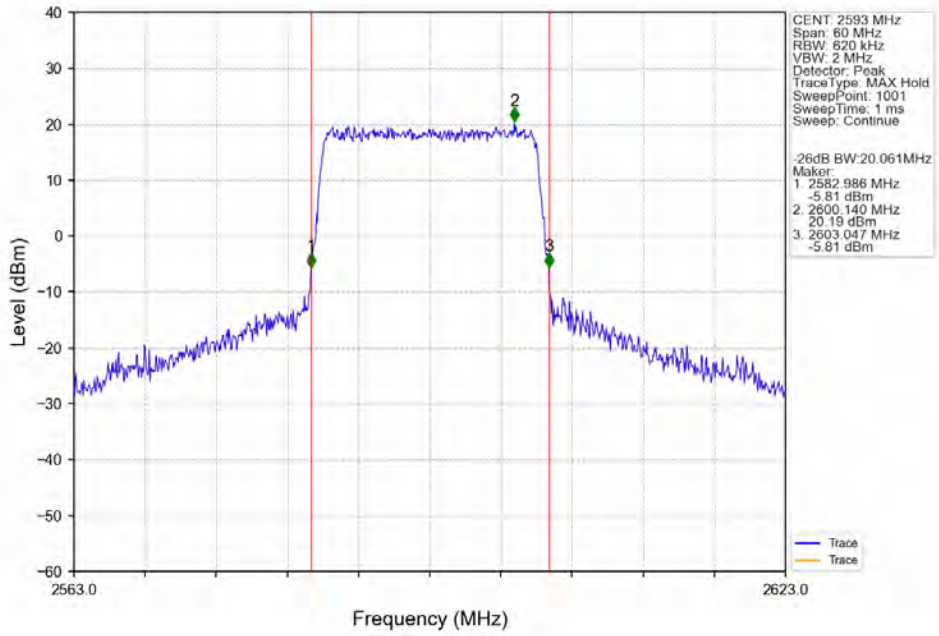
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



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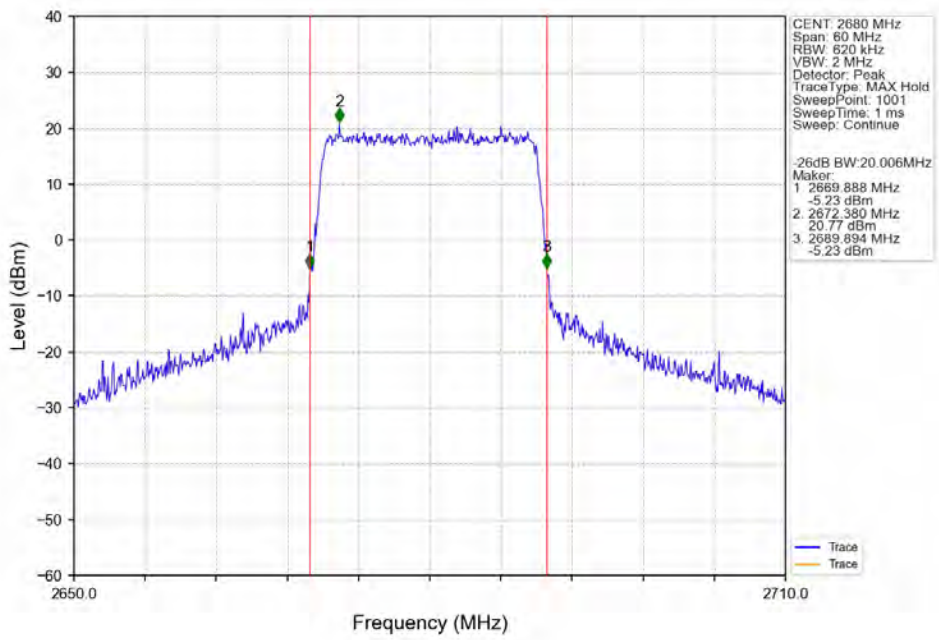
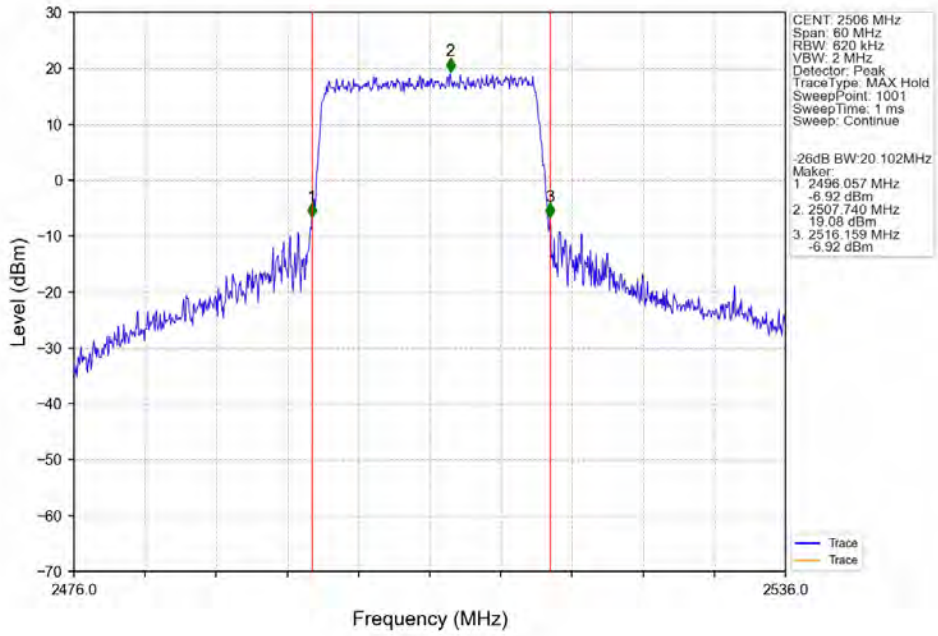
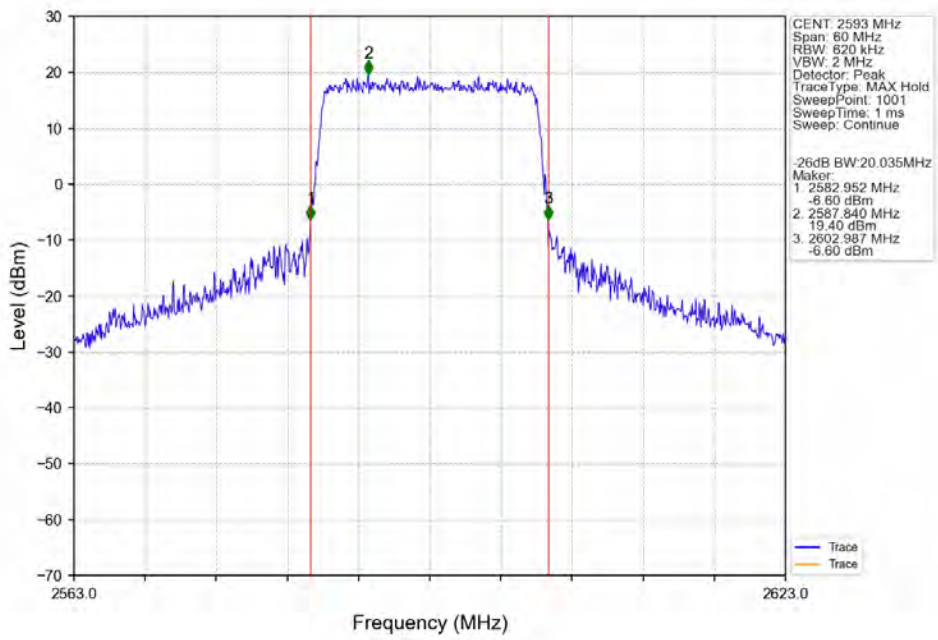


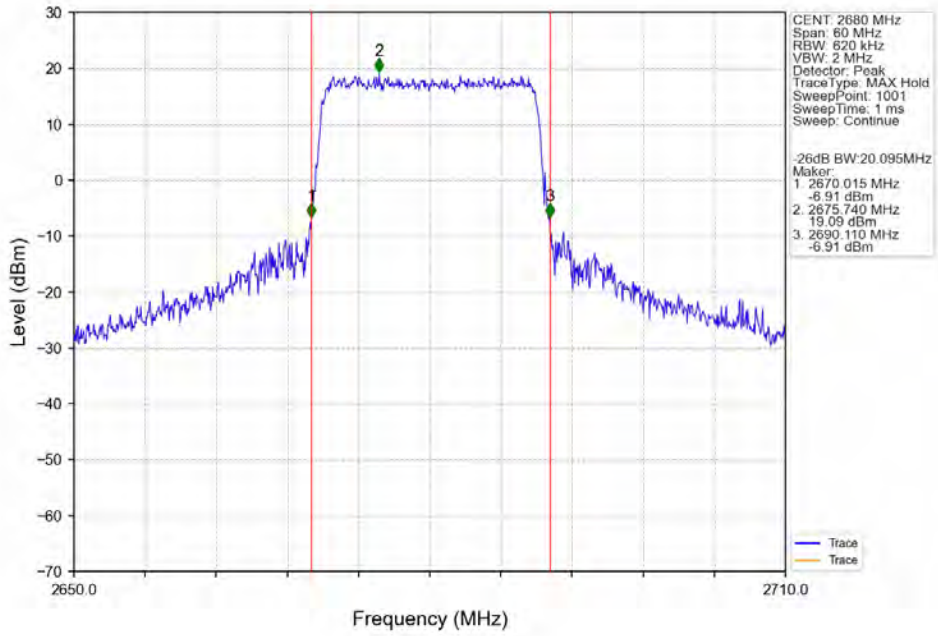
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



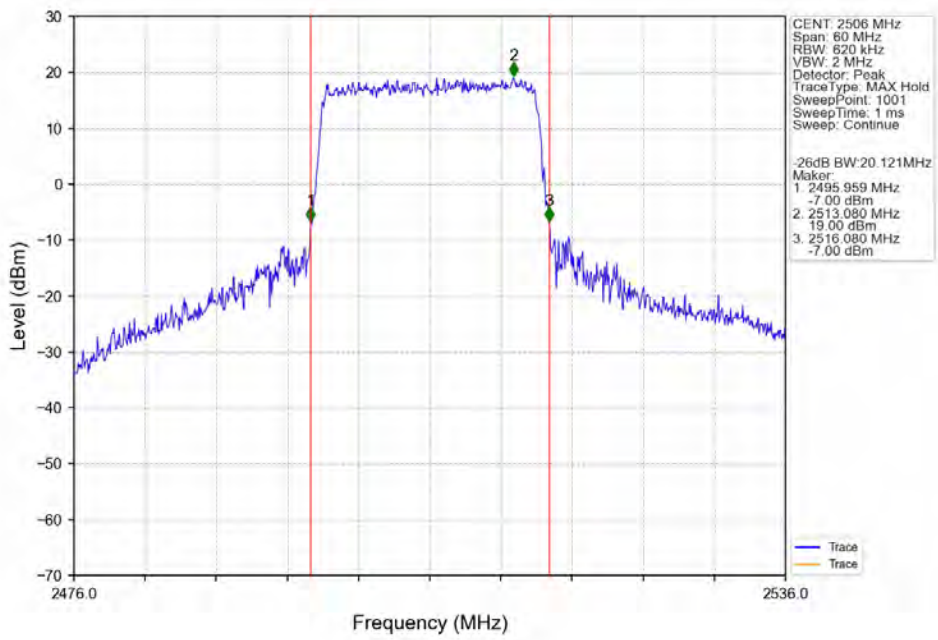
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



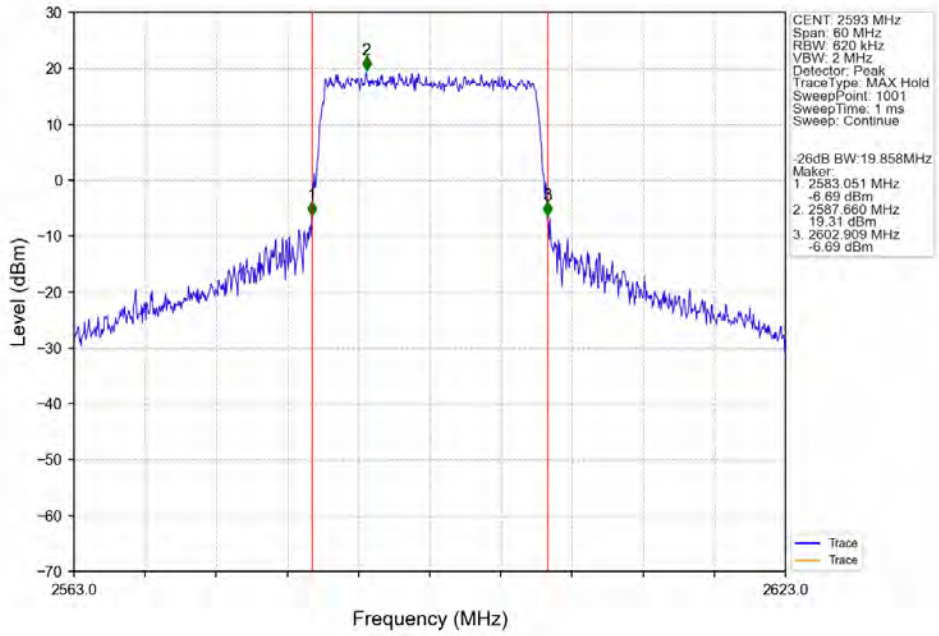
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



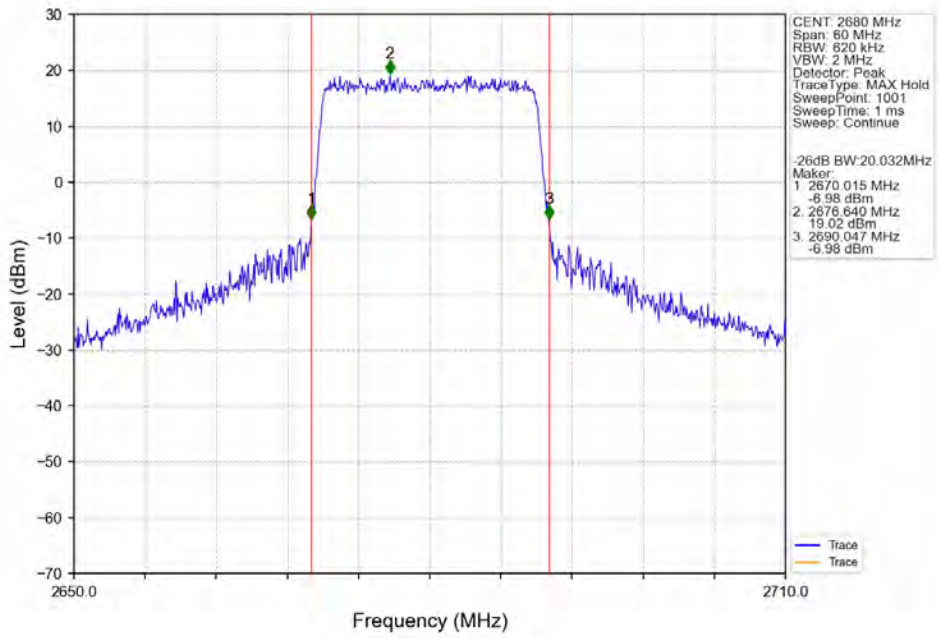
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	8.89	<=13	Pass
	2593	25	0	8.84	<=13	Pass
	2687.5	25	0	8.79	<=13	Pass
16QAM	2498.5	25	0	9.70	<=13	Pass
	2593	25	0	9.58	<=13	Pass
	2687.5	25	0	9.70	<=13	Pass
64QAM	2498.5	25	0	9.63	<=13	Pass
	2593	25	0	9.68	<=13	Pass
	2687.5	25	0	9.77	<=13	Pass

4.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	9.19	<=13	Pass
	2593	50	0	8.89	<=13	Pass
	2685	50	0	9.02	<=13	Pass
16QAM	2501	50	0	9.70	<=13	Pass
	2593	50	0	9.72	<=13	Pass
	2685	50	0	9.81	<=13	Pass
64QAM	2501	50	0	9.70	<=13	Pass
	2593	50	0	9.67	<=13	Pass
	2685	50	0	9.63	<=13	Pass

4.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	8.97	<=13	Pass
	2593	75	0	8.95	<=13	Pass
	2682.5	75	0	8.67	<=13	Pass
16QAM	2503.5	75	0	9.62	<=13	Pass
	2593	75	0	9.87	<=13	Pass
	2682.5	75	0	9.91	<=13	Pass
64QAM	2503.5	75	0	9.25	<=13	Pass
	2593	75	0	9.27	<=13	Pass
	2682.5	75	0	9.45	<=13	Pass

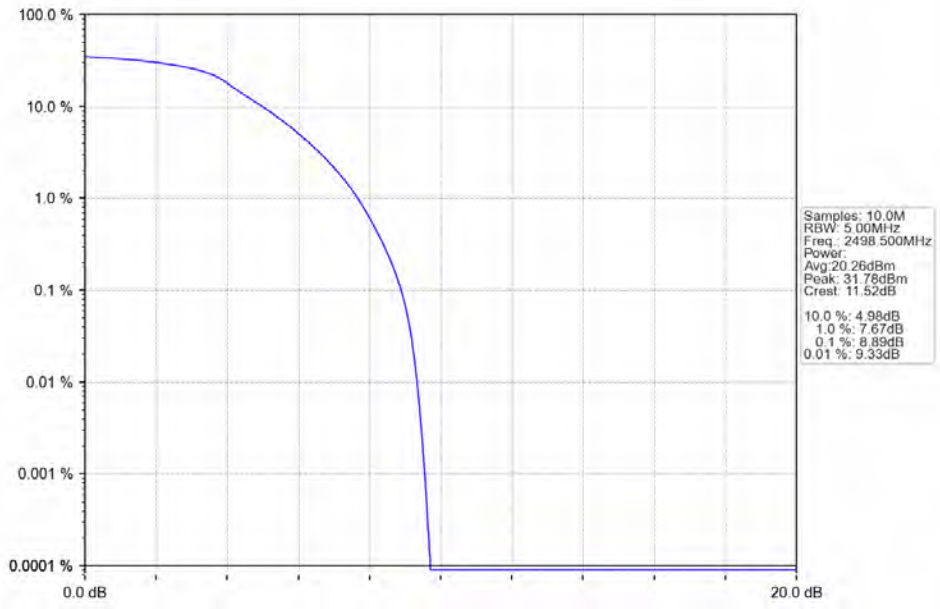
4.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	10.17	<=13	Pass
	2593	100	0	8.54	<=13	Pass
	2680	100	0	8.82	<=13	Pass
16QAM	2506	100	0	9.93	<=13	Pass
	2593	100	0	9.52	<=13	Pass
	2680	100	0	9.85	<=13	Pass
64QAM	2506	100	0	9.63	<=13	Pass
	2593	100	0	10.03	<=13	Pass
	2680	100	0	9.82	<=13	Pass

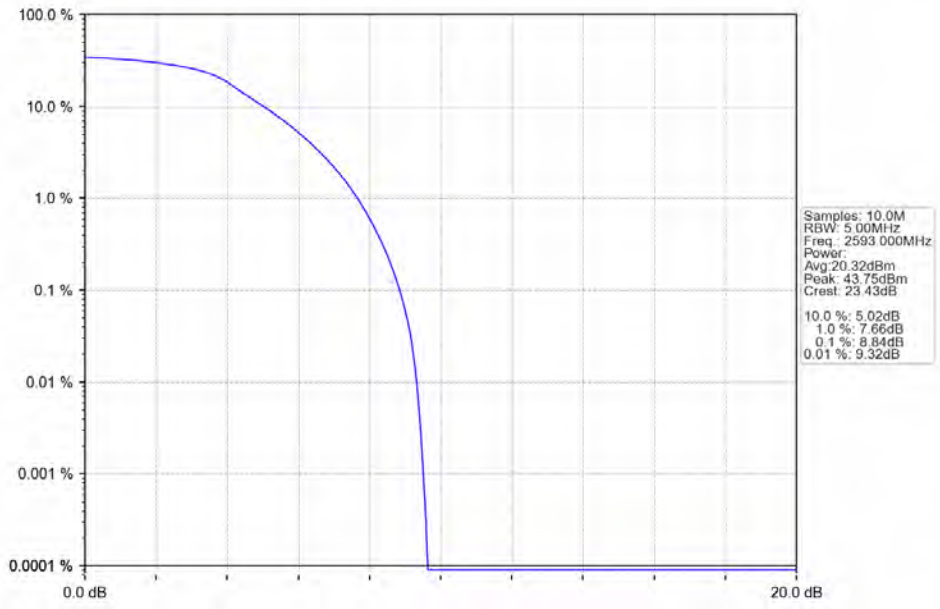
4.2 Test Graph

4.2.1 B41_5MHz

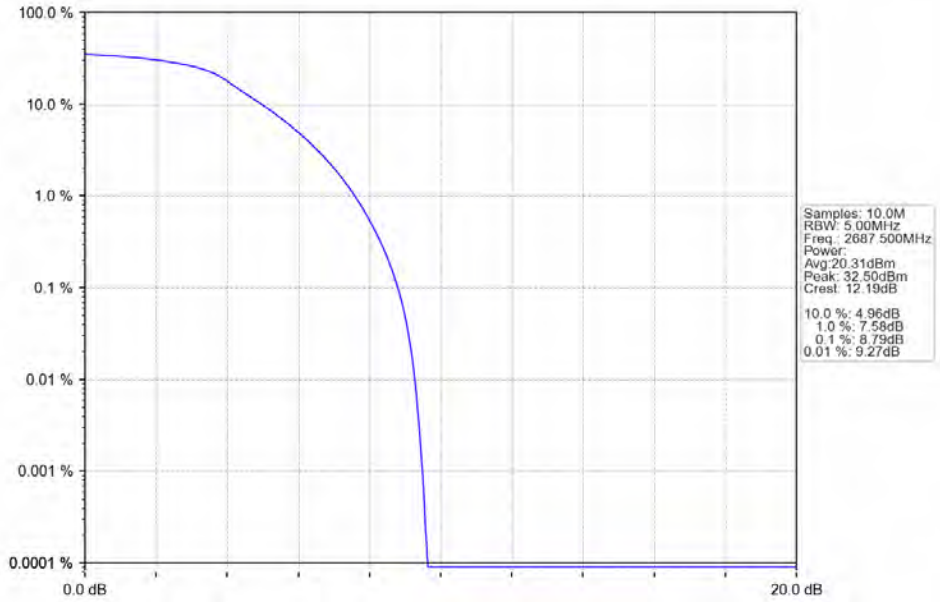
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



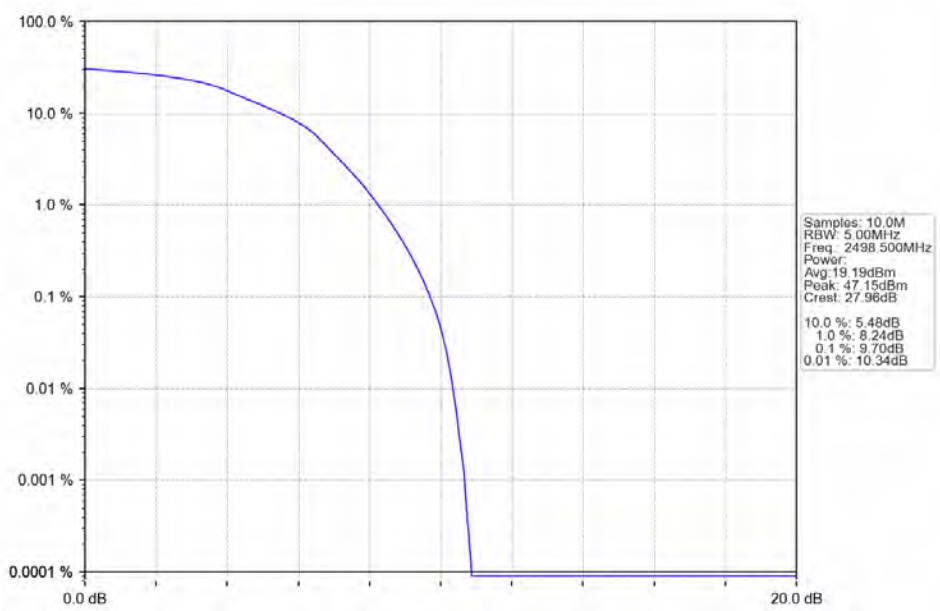
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



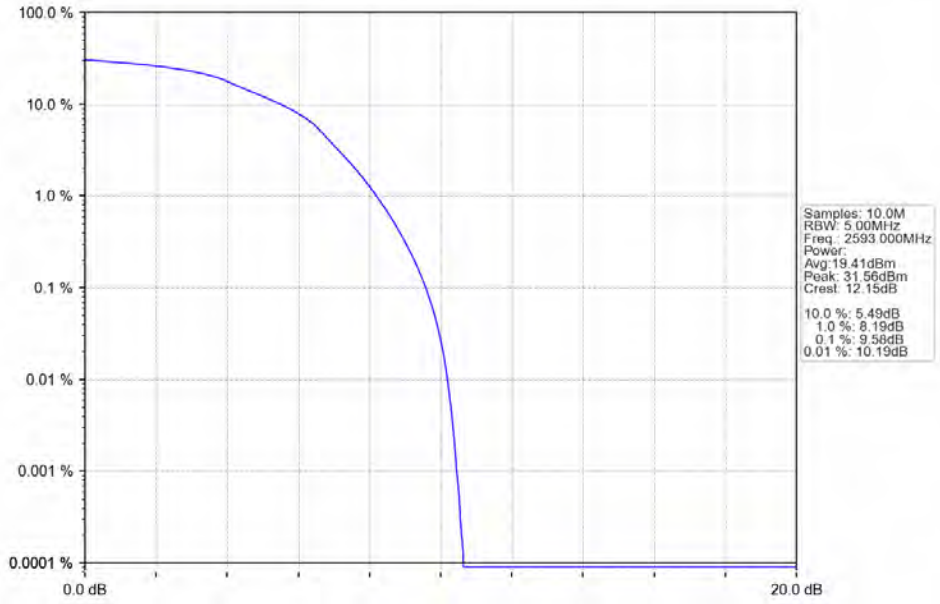
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



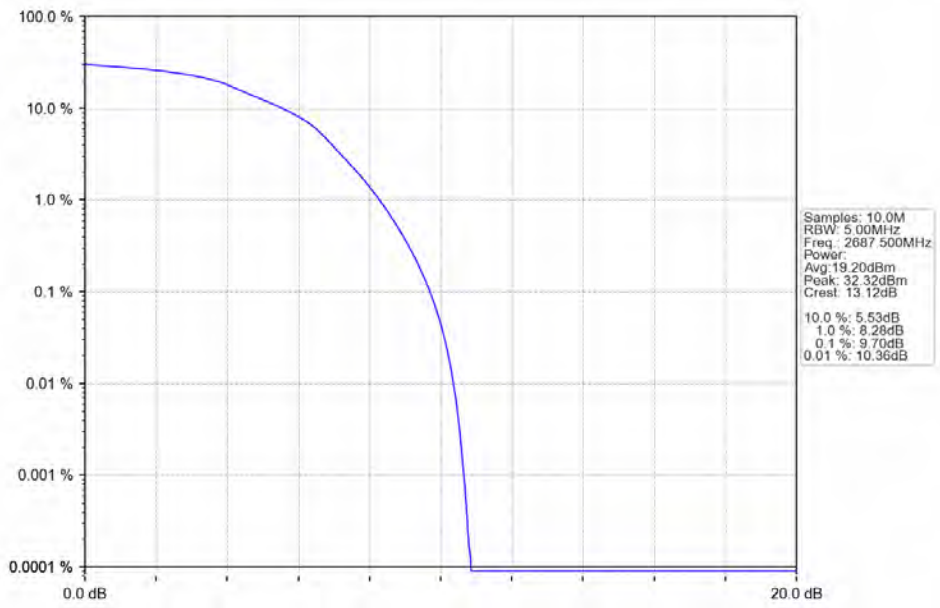
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



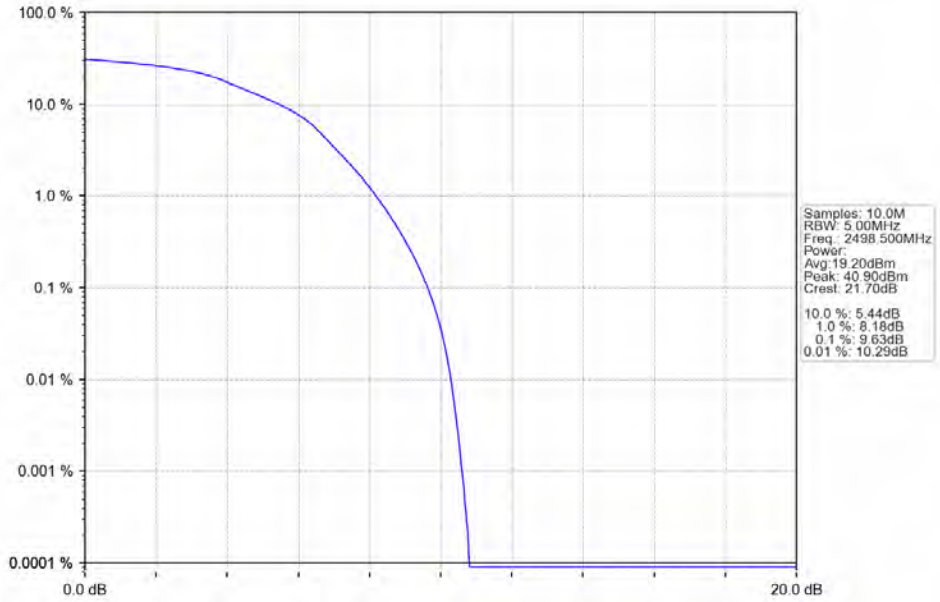
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



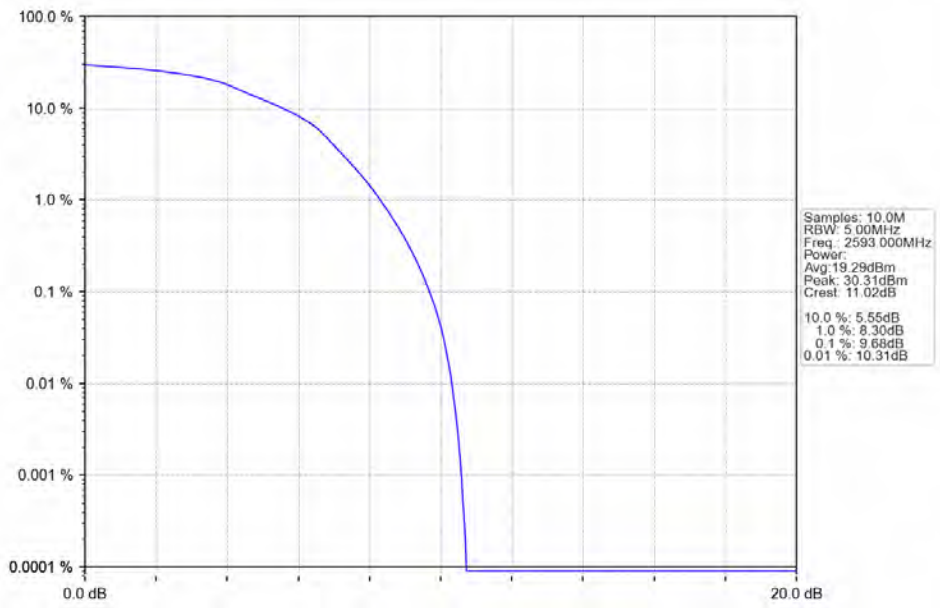
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



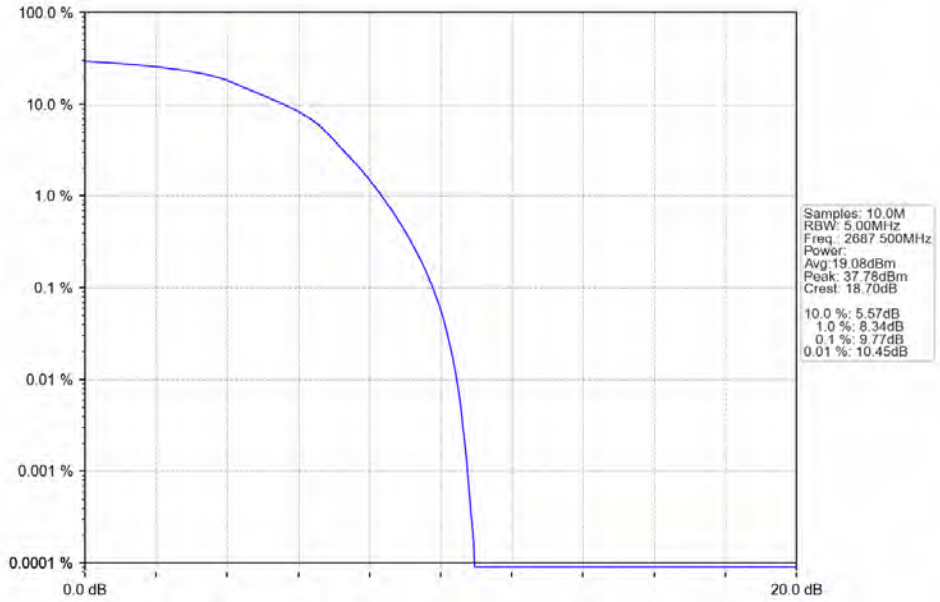
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



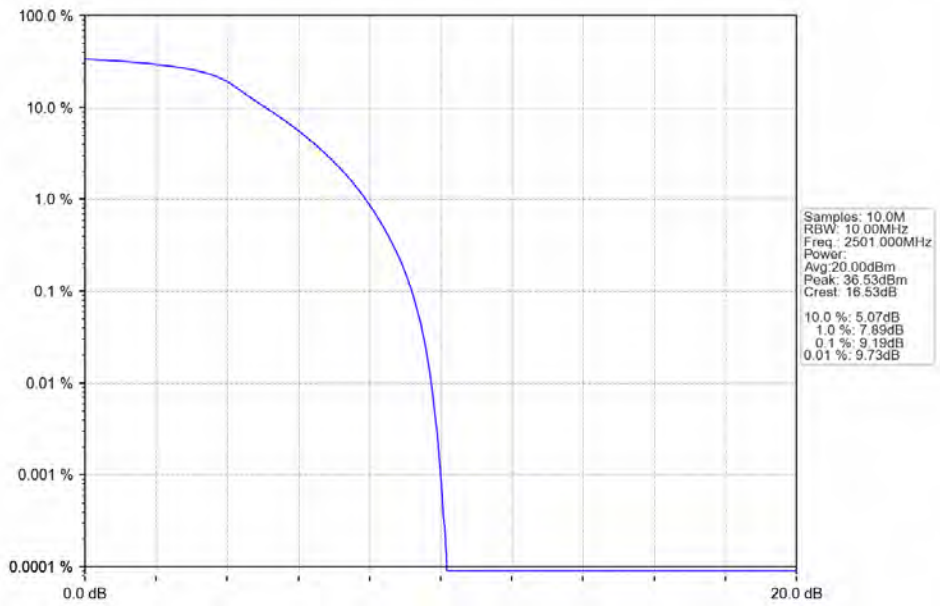
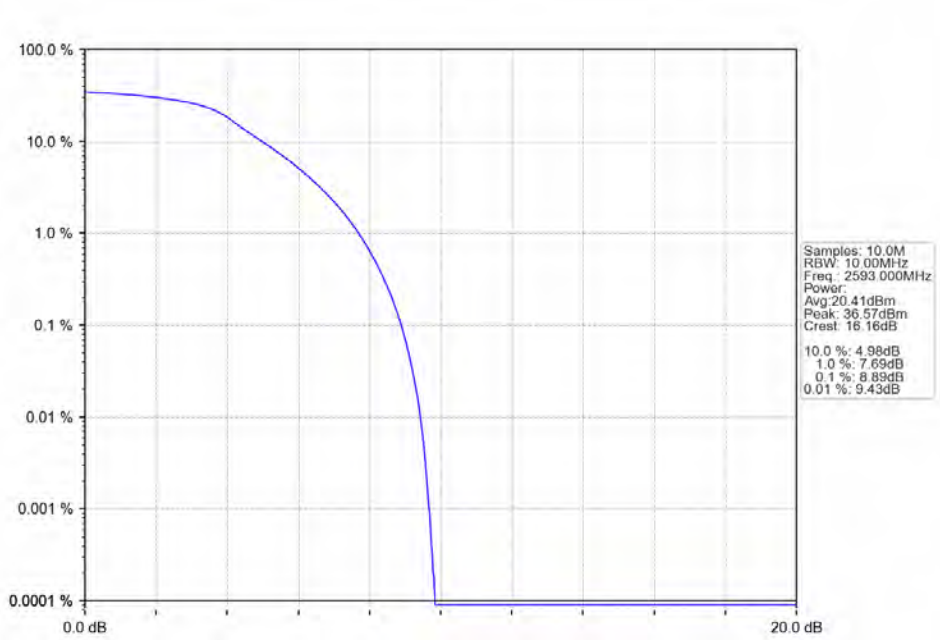
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



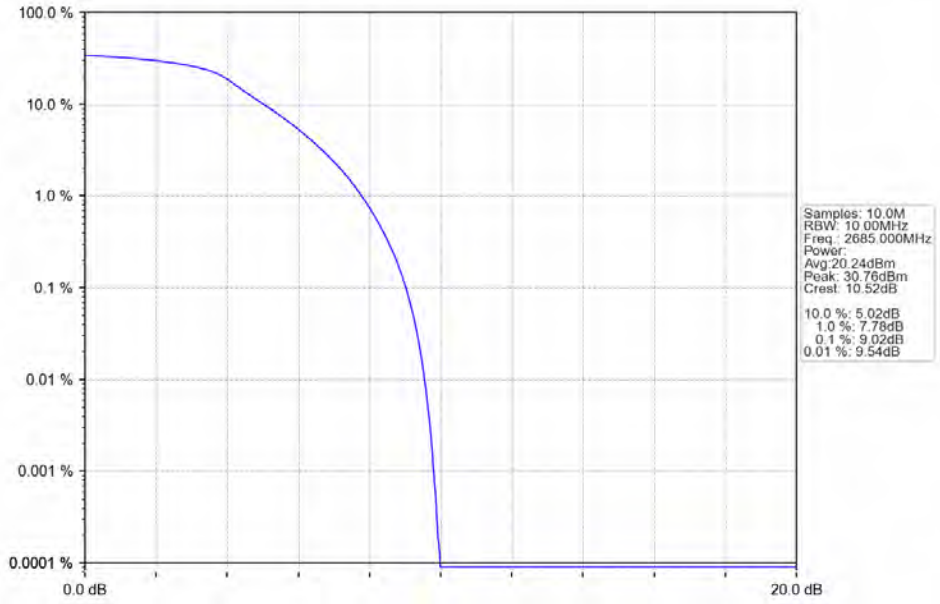
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



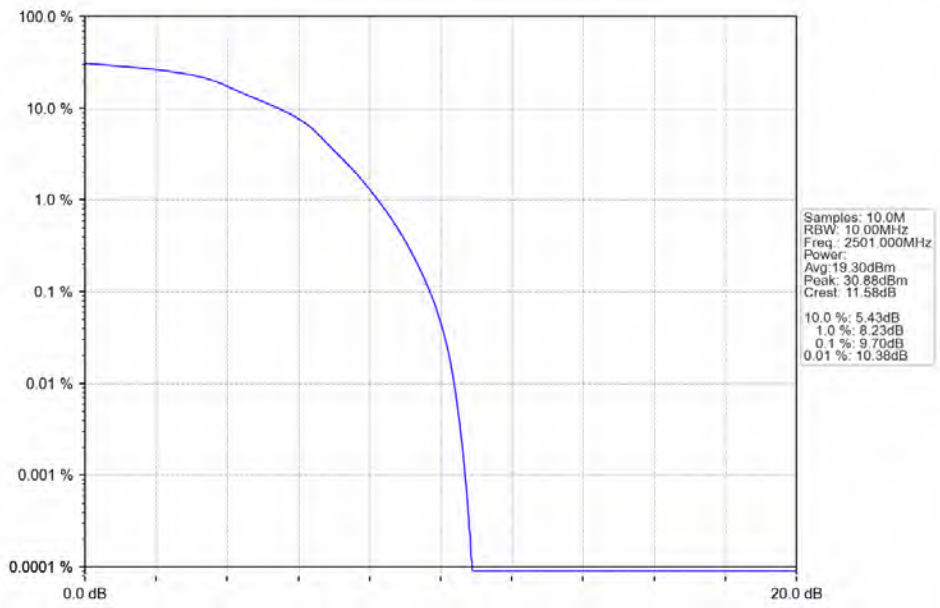
4.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV


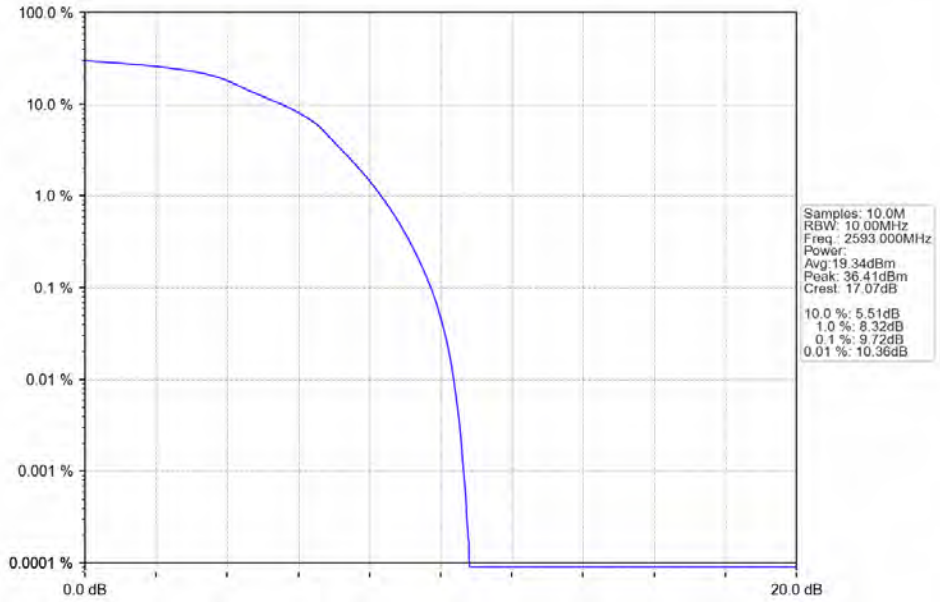
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



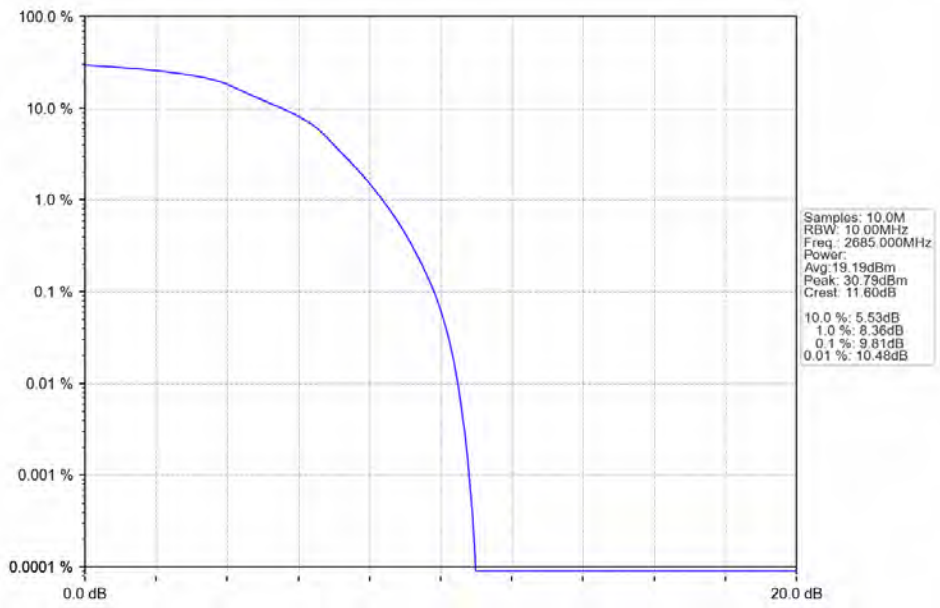
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



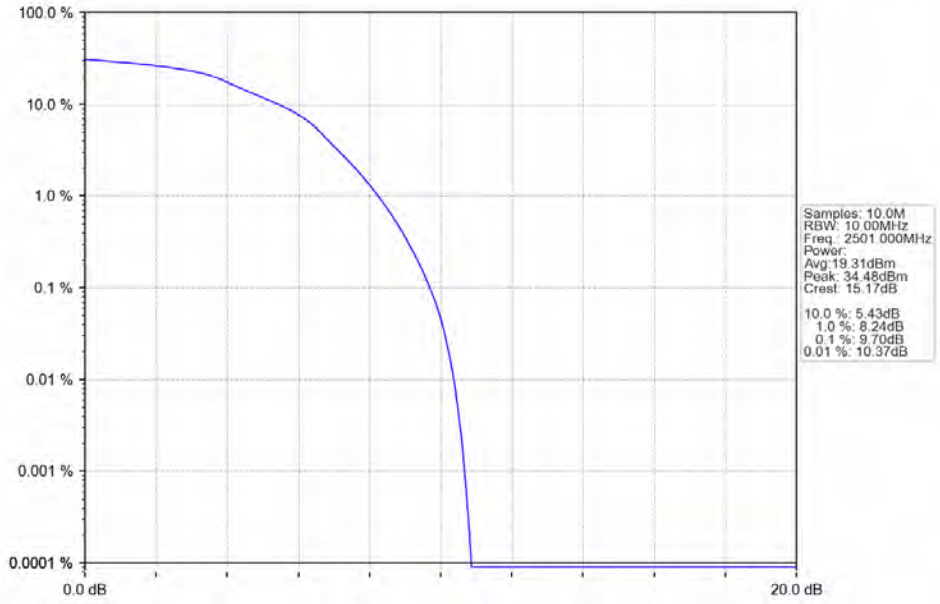
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



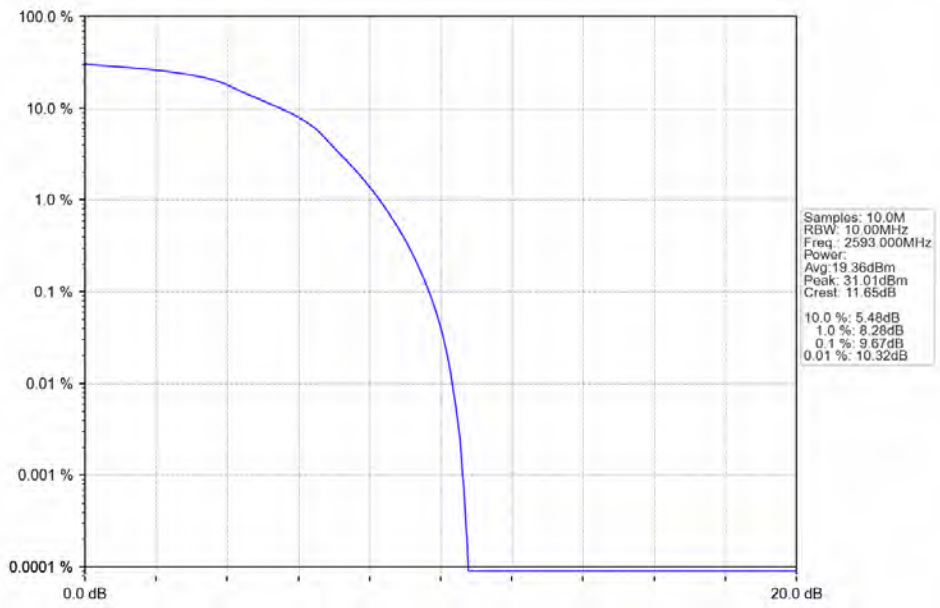
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



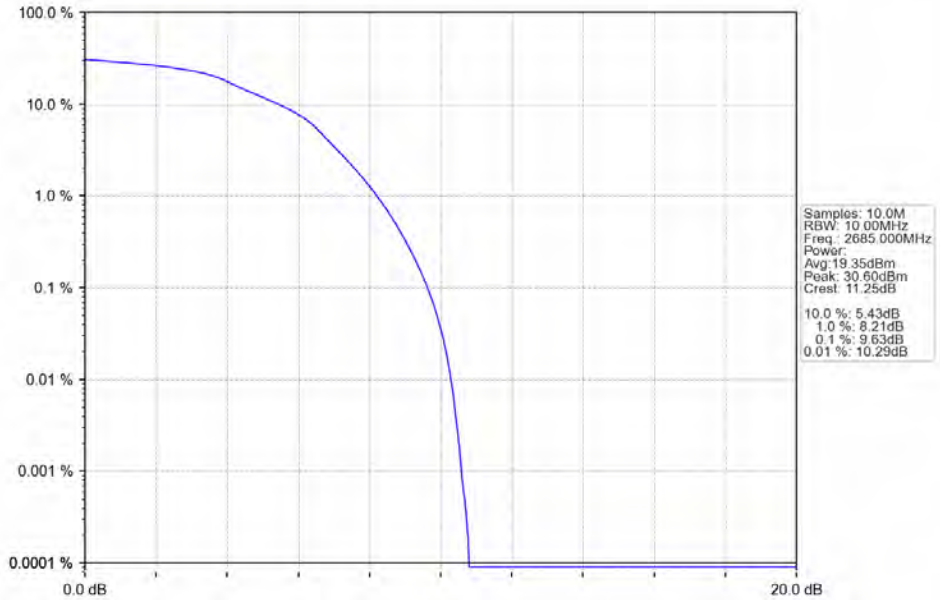
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV

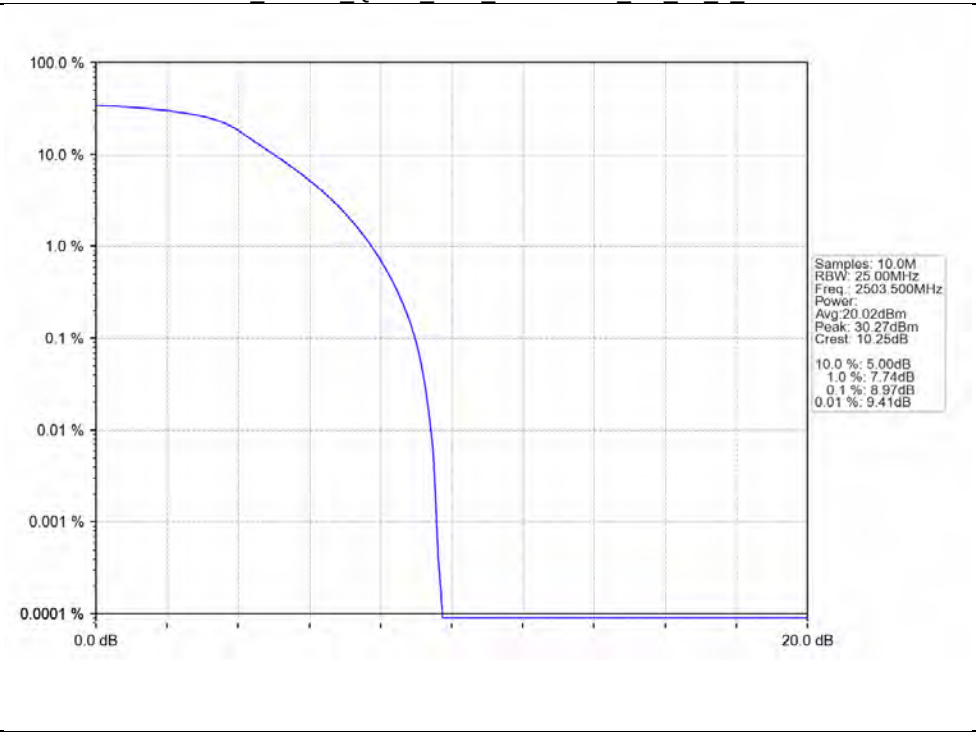


Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV

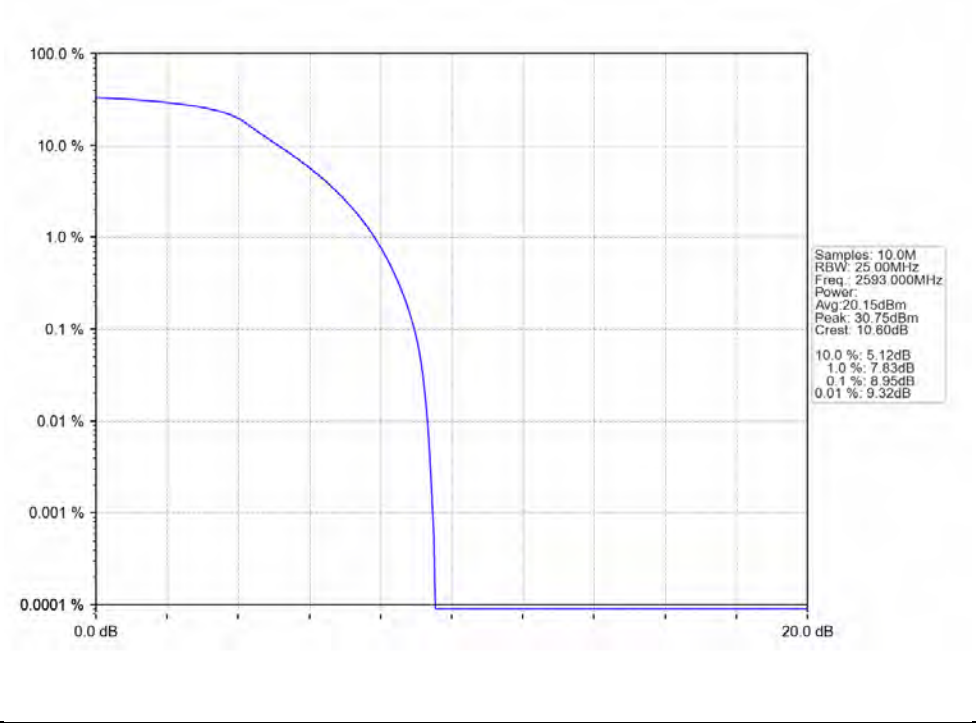


4.2.3 B41_15MHz

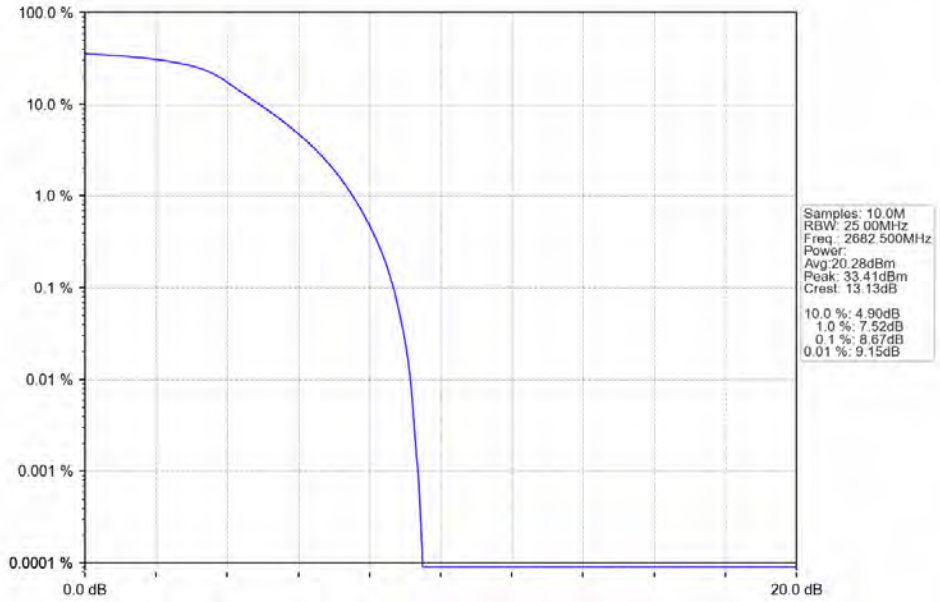
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



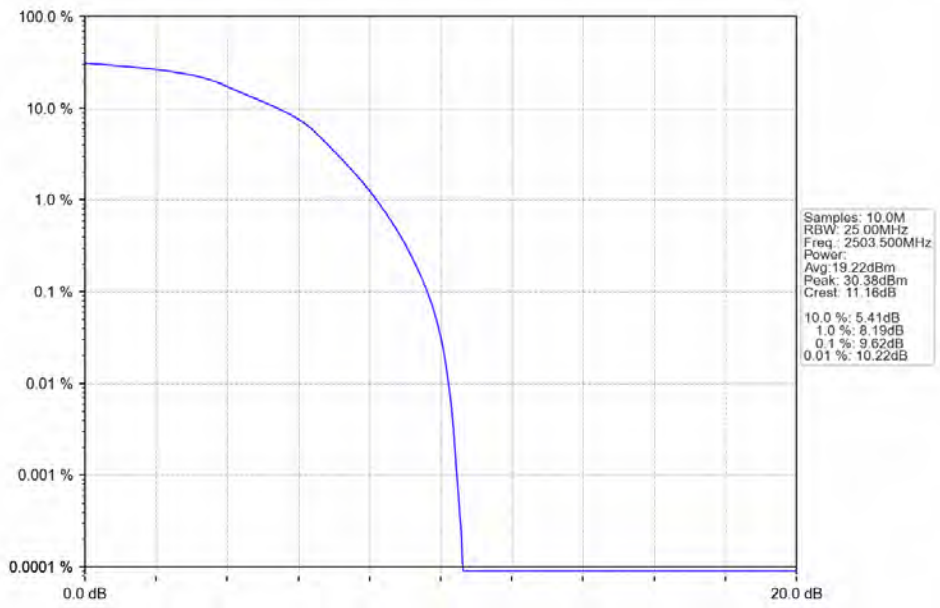
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



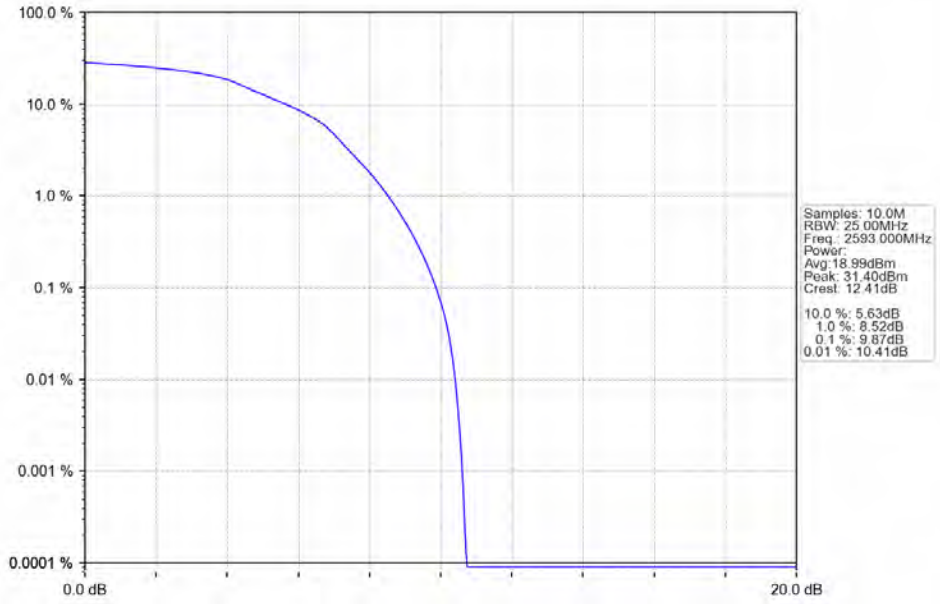
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



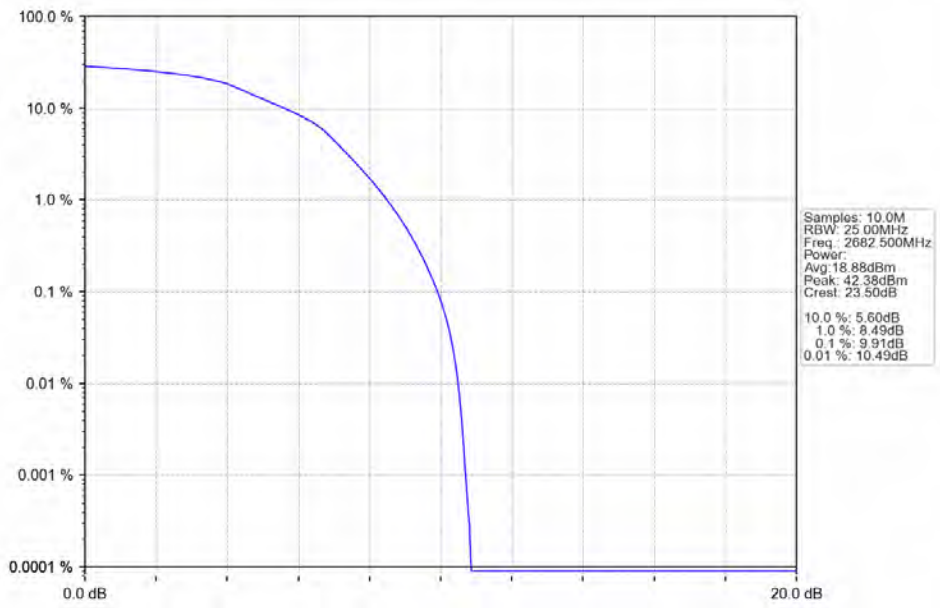
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



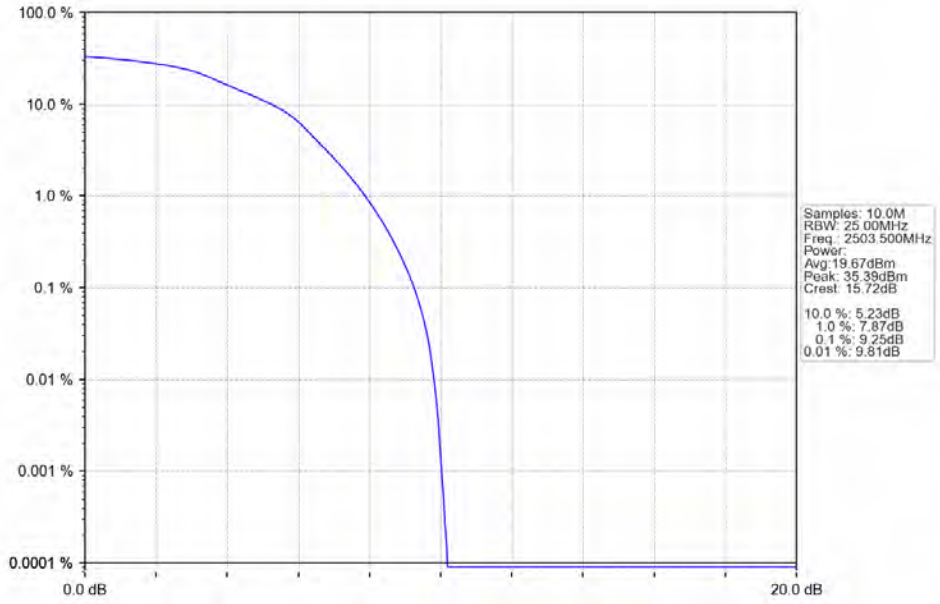
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



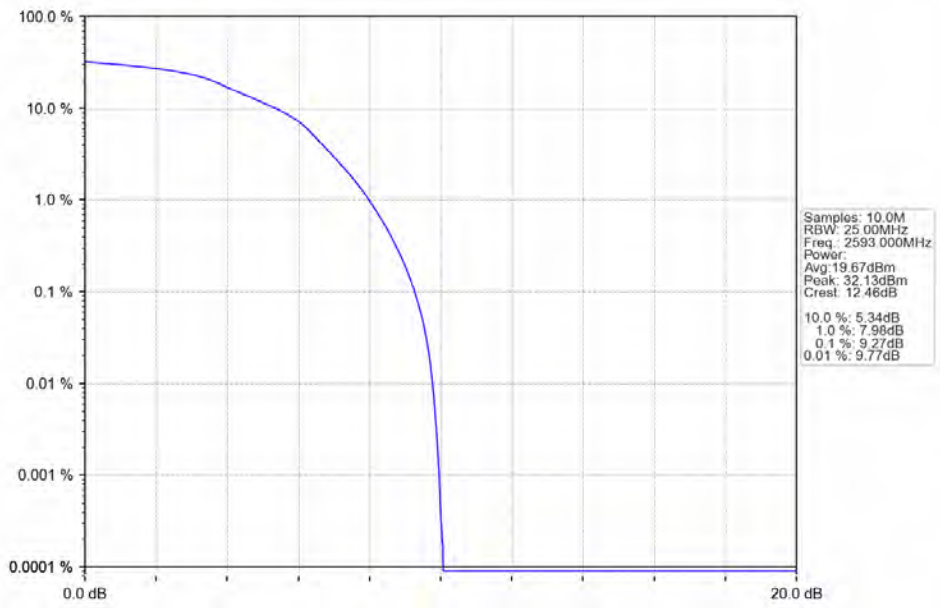
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



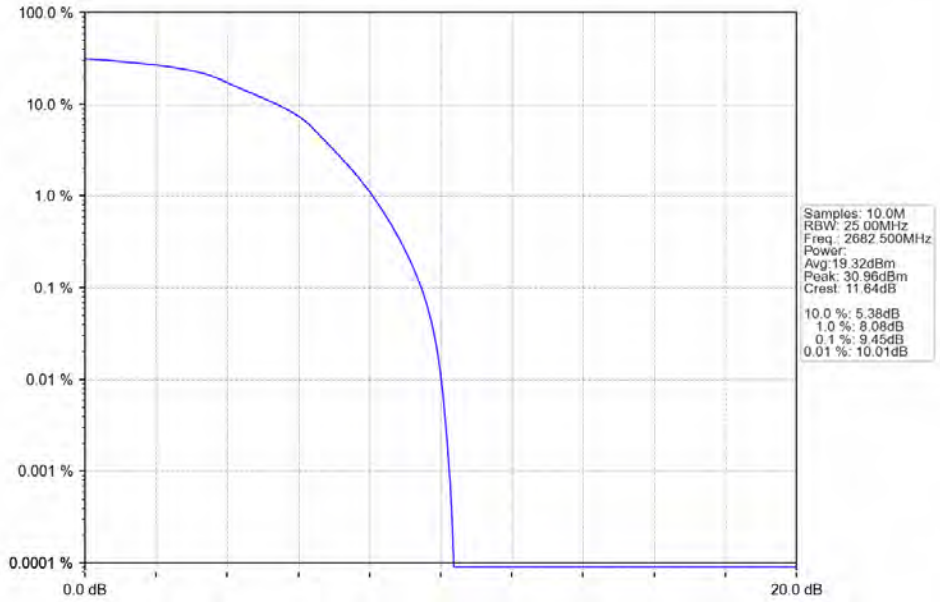
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV

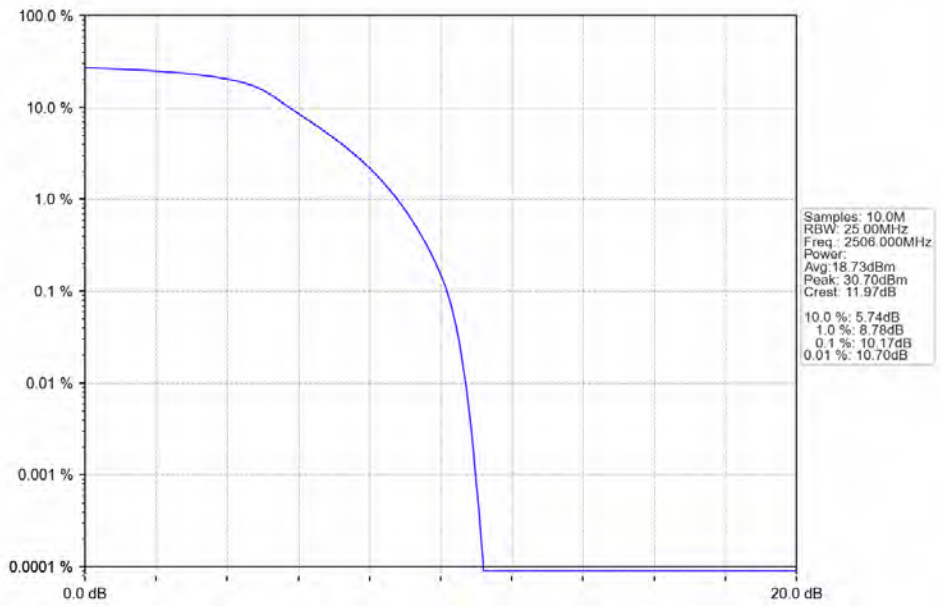


Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV

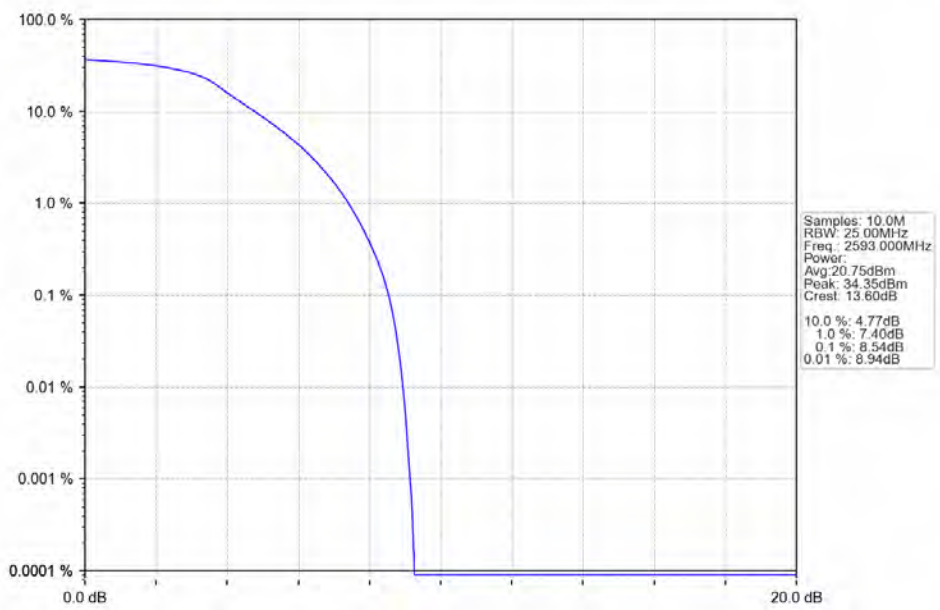


4.2.4 B41_20MHz

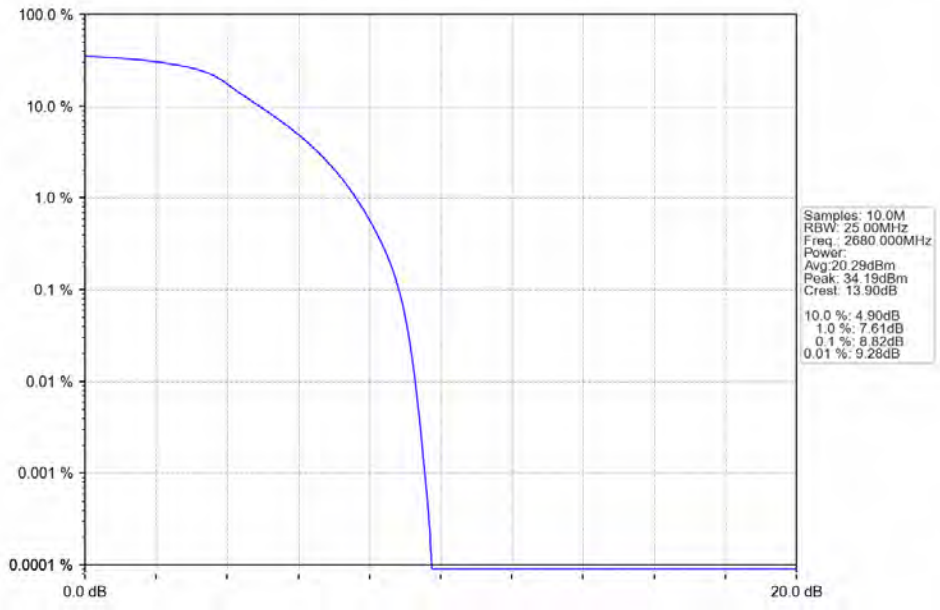
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



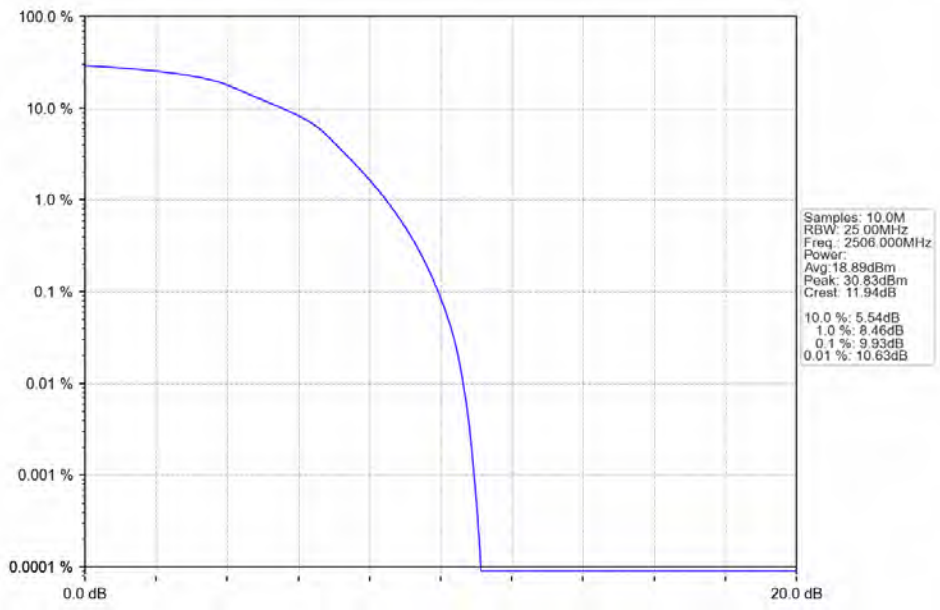
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



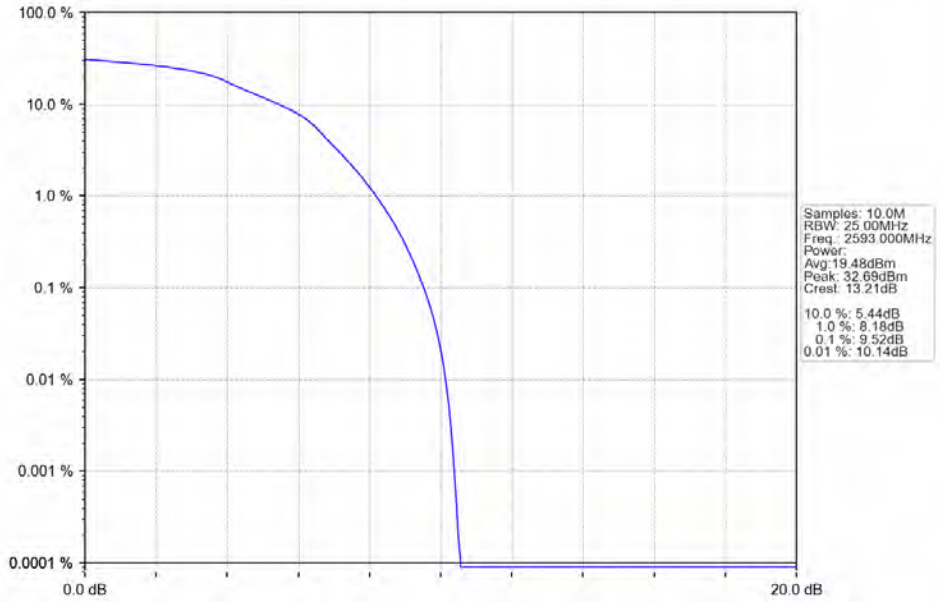
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



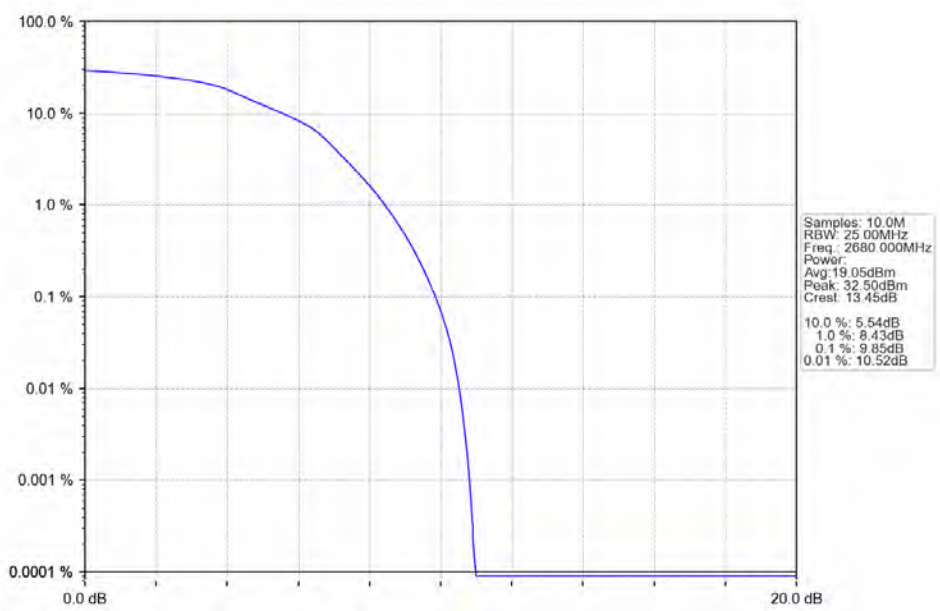
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



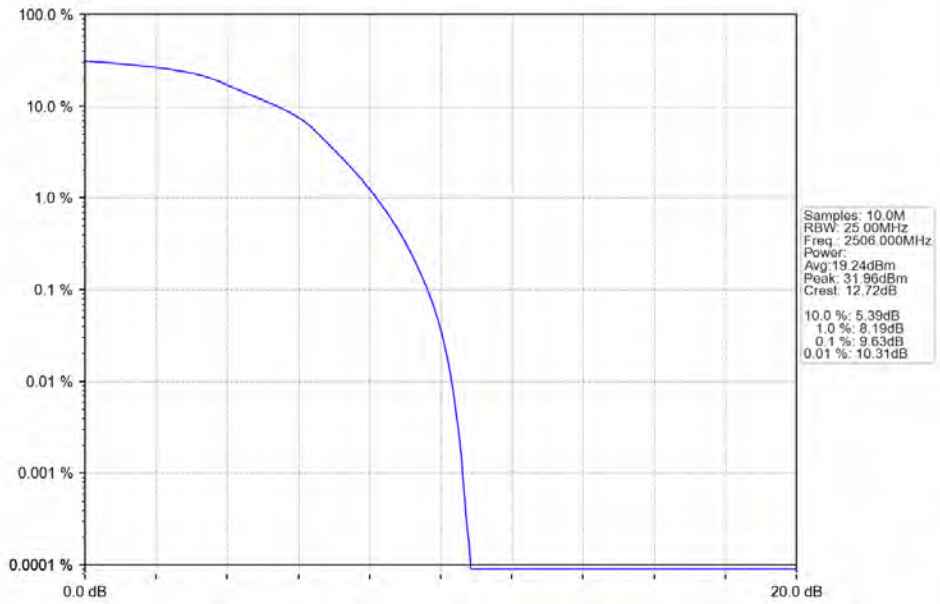
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



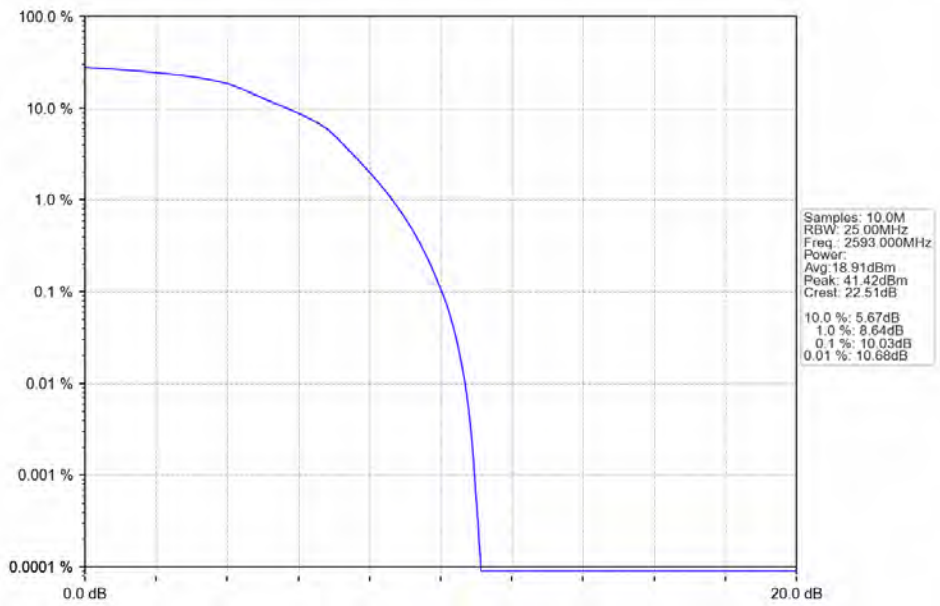
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



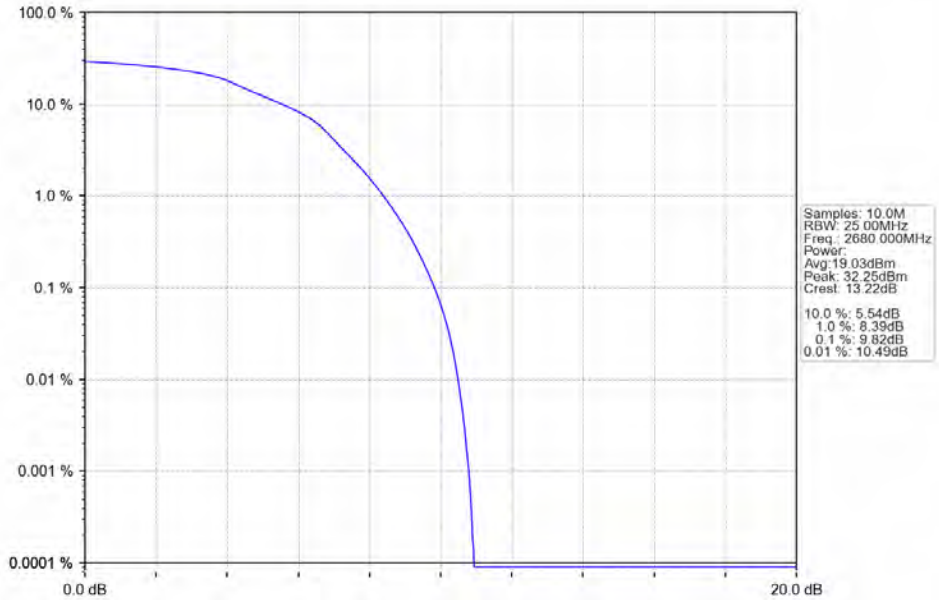
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2498.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2687.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	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

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2501	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2685	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	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

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	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

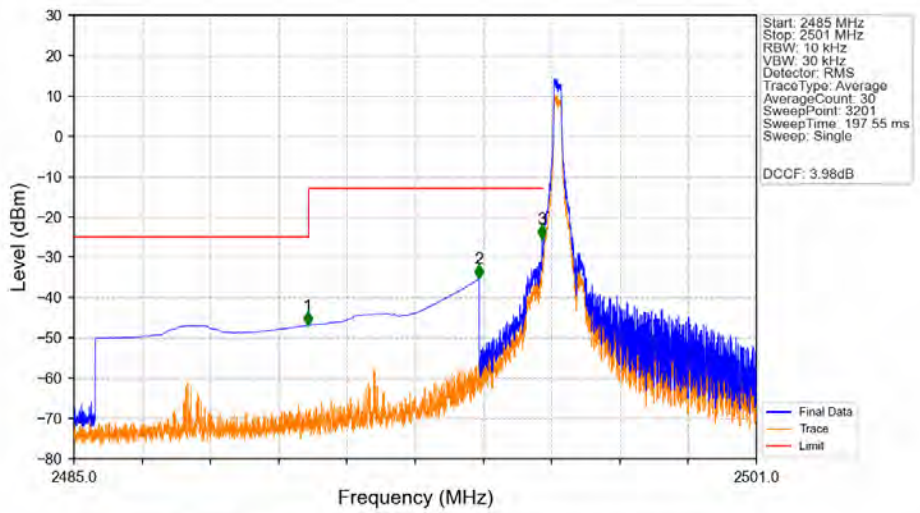
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	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

5.2 Test Graph

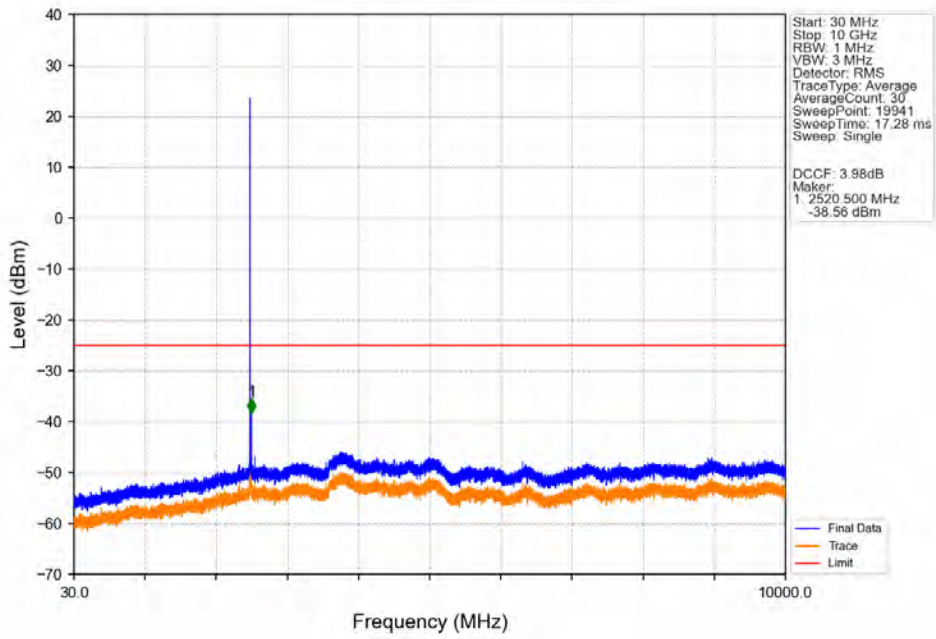
5.2.1 B41_5MHz

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

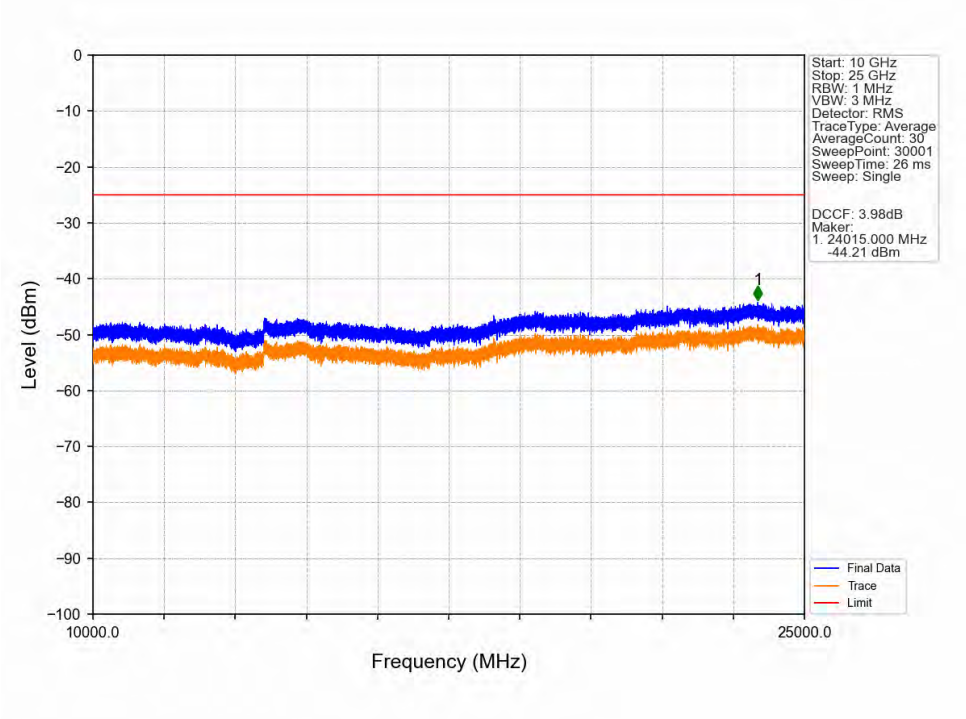


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.485	-46.94	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-35.28	-13	Pass
2495	2496	0.01	/	3	2495.975	-25.41	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

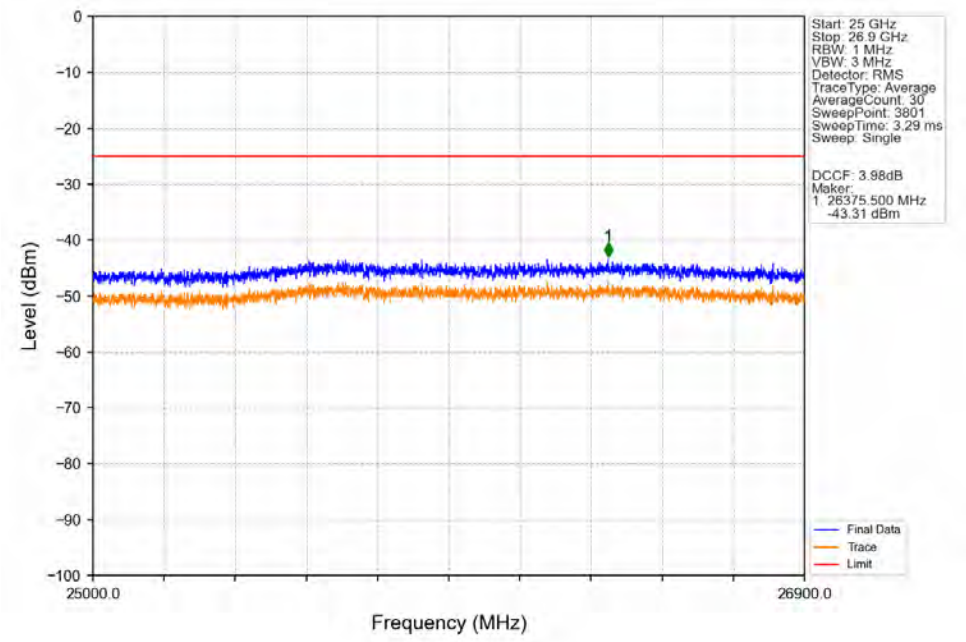
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



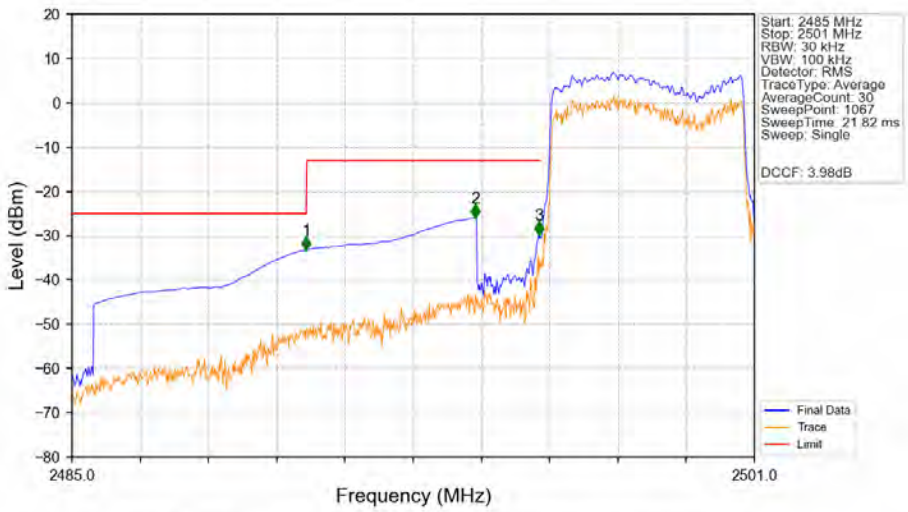
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

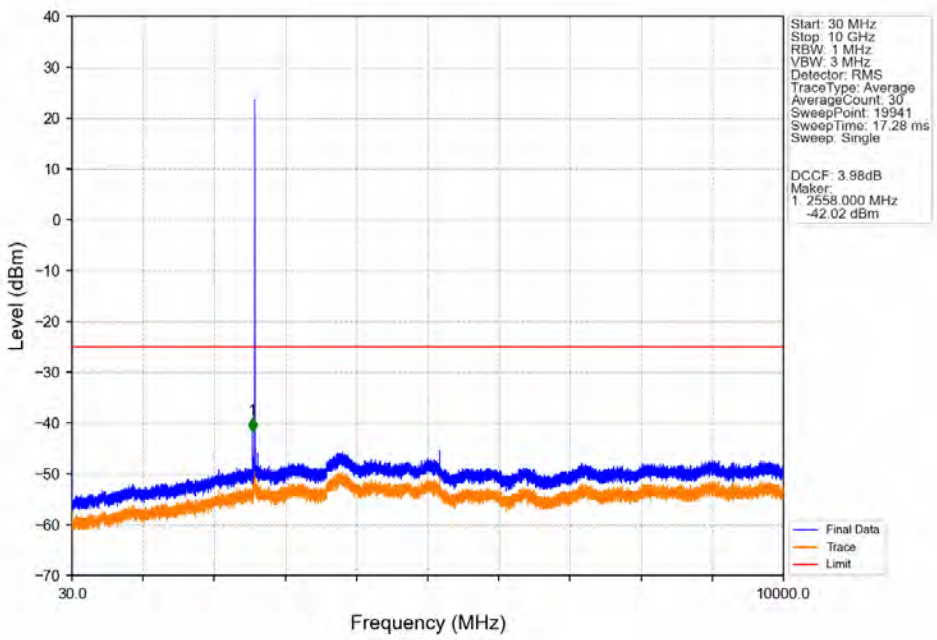


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

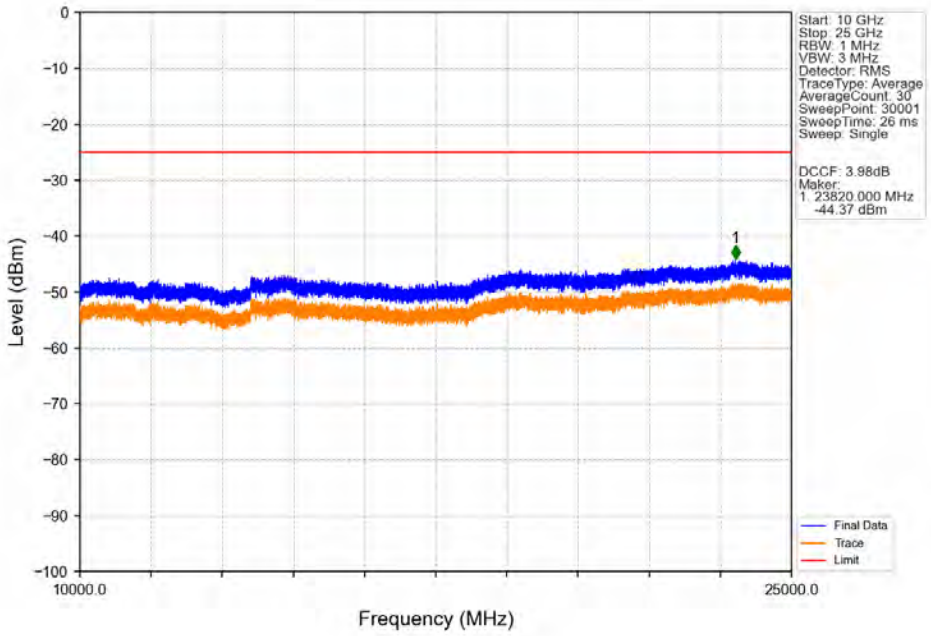


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-33.27	25	Pass
2490.5	2495	1	CHP	2	2494.456	-26.08	-13	Pass
2495	2496	0.053	CHP	3	2495.942	-29.83	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

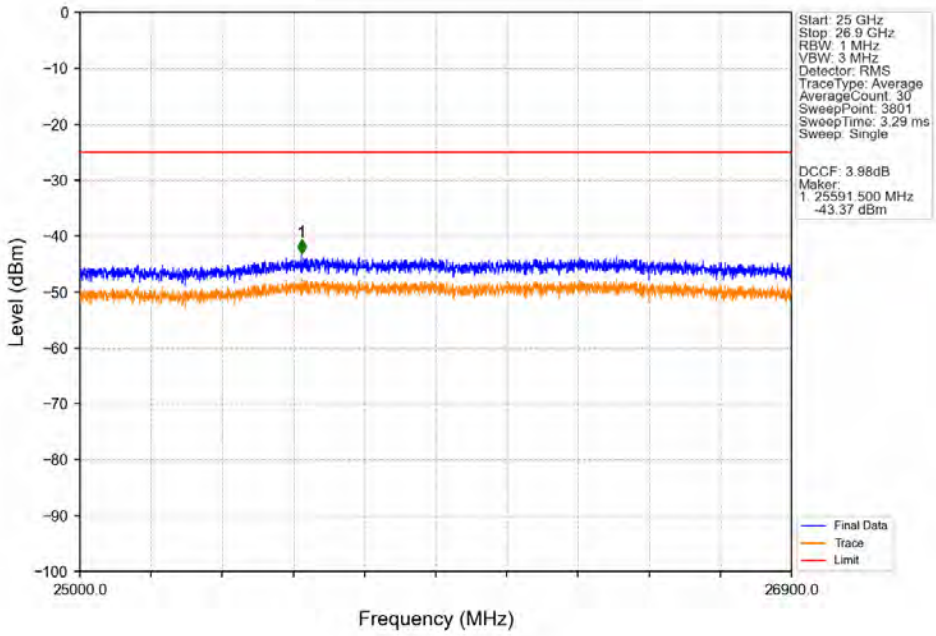
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



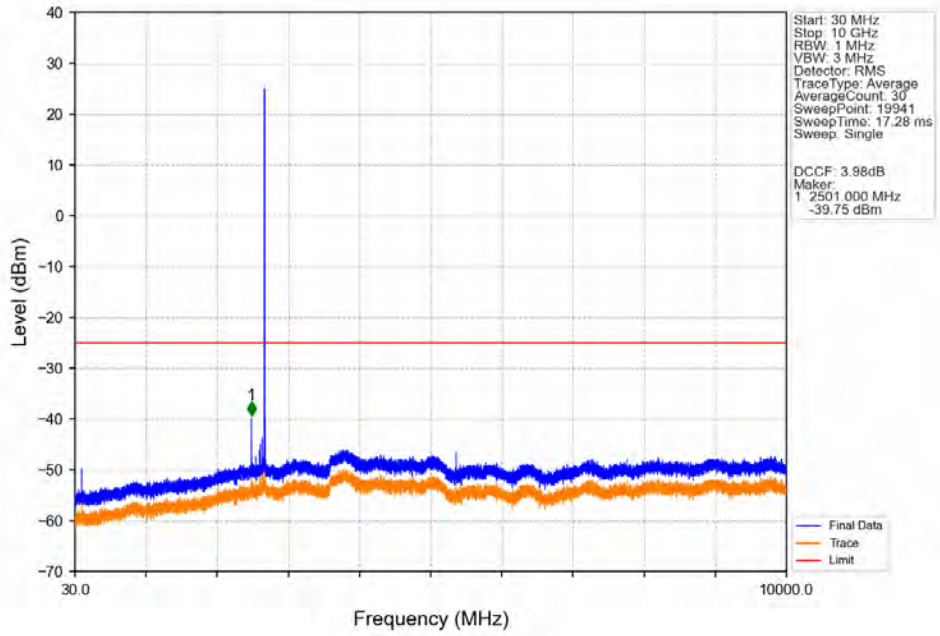
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



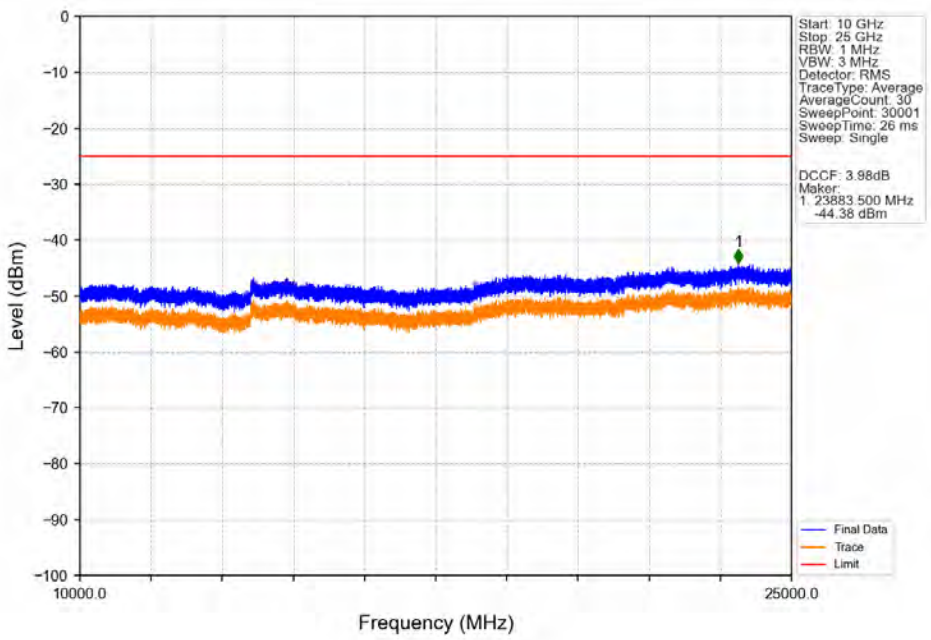
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



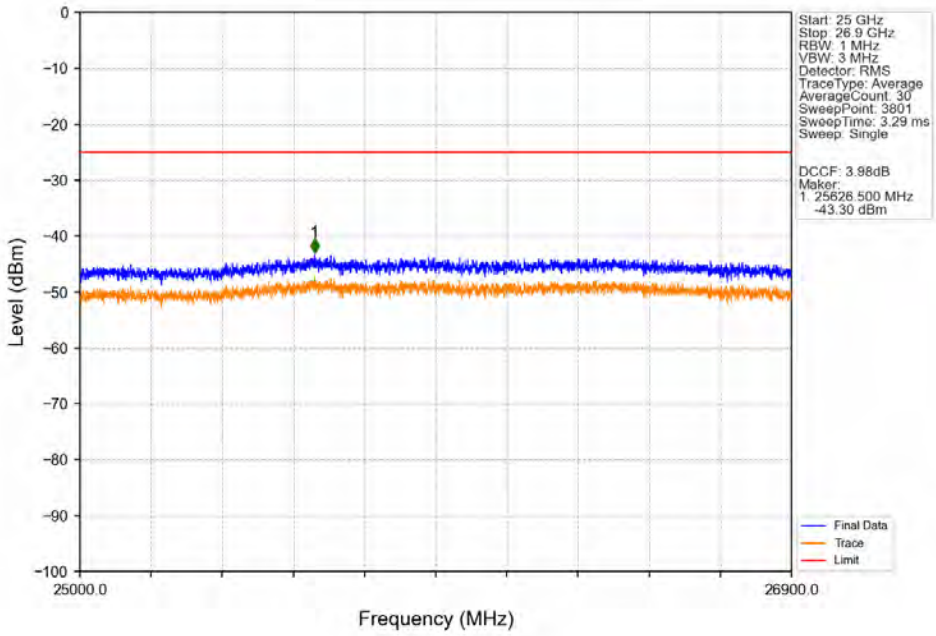
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



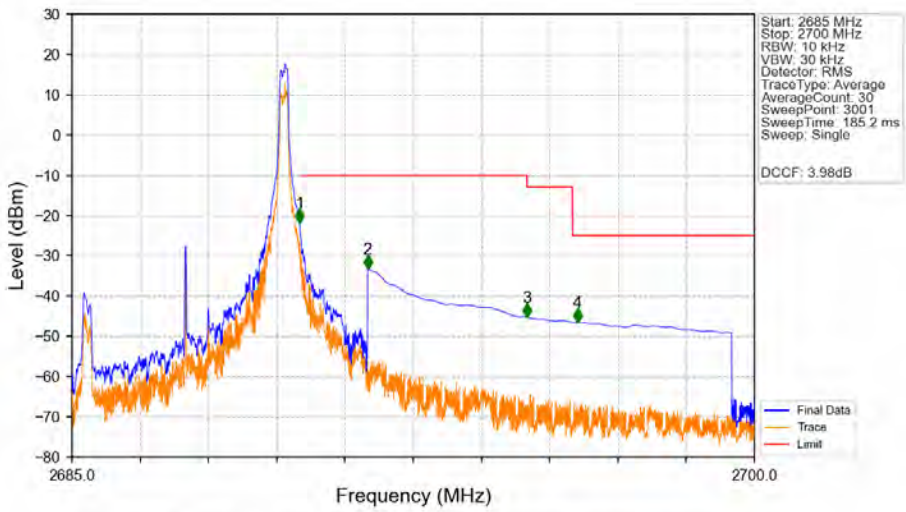
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

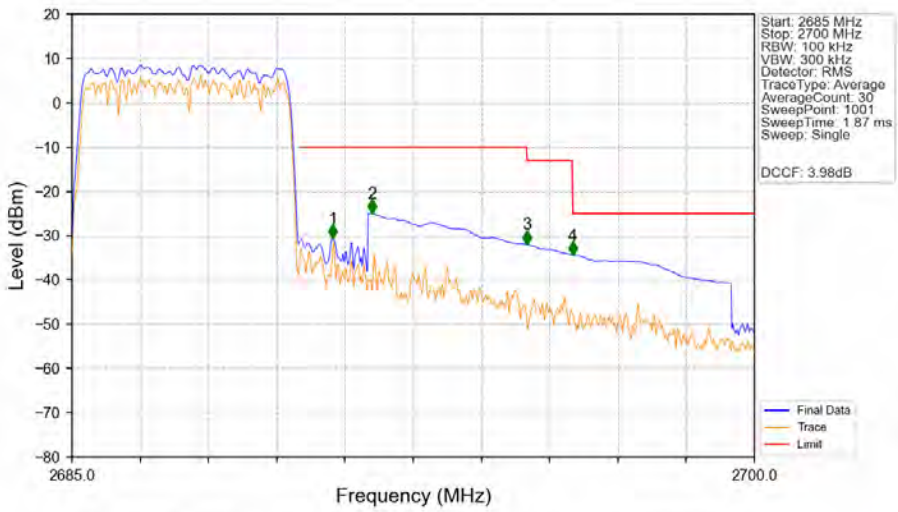


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



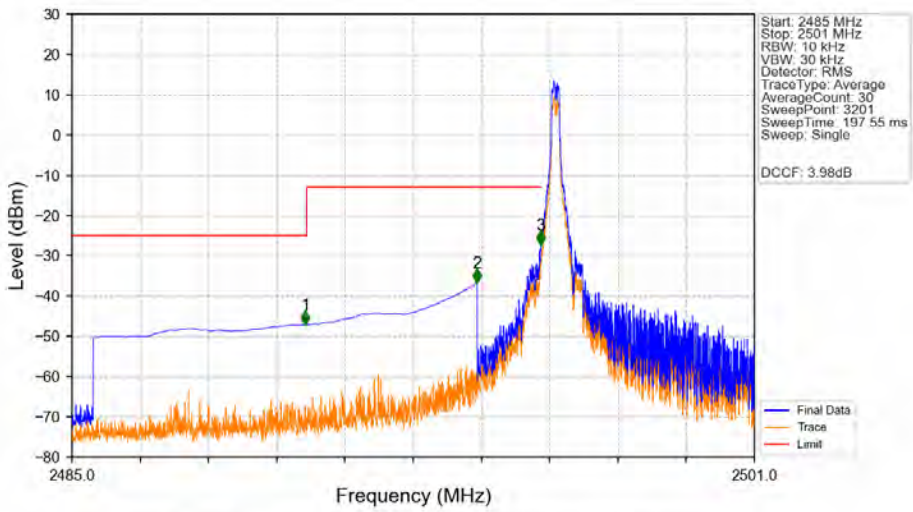
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-21.85	-10	Pass
2691	2695	1	CHP	2	2691.500	-33.22	-10	Pass
2695	2696	1	CHP	3	2695.005	-45.30	-13	Pass
2696	2700	1	CHP	4	2696.115	-46.41	-25	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



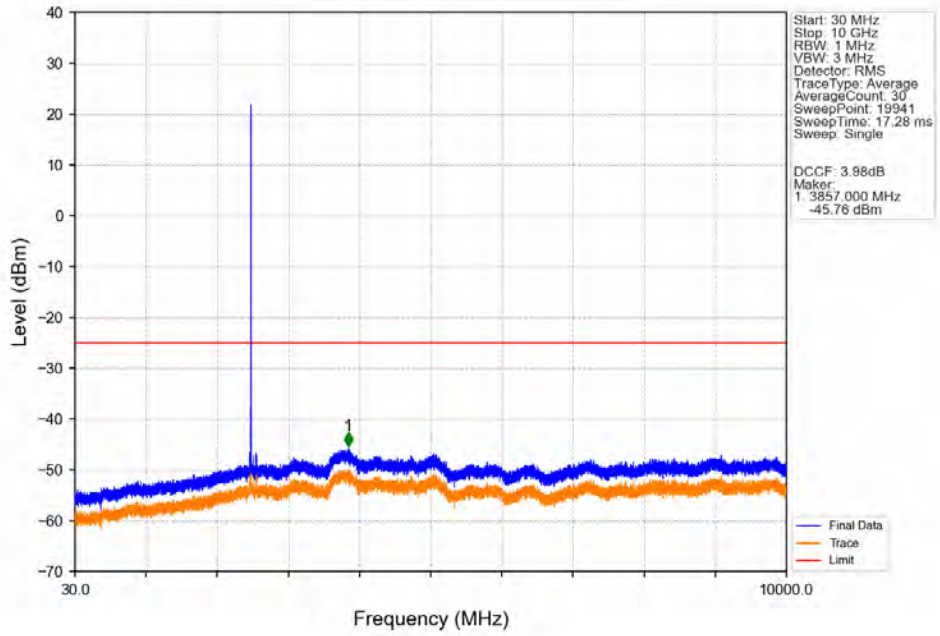
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.105	CHP	/	/	/	/	/
2690	2691	0.105	CHP	1	2690.730	-30.59	-10	Pass
2691	2695	1	CHP	2	2691.600	-24.93	-10	Pass
2695	2696	1	CHP	3	2695.005	-31.95	-13	Pass
2696	2700	1	CHP	4	2696.010	-34.38	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

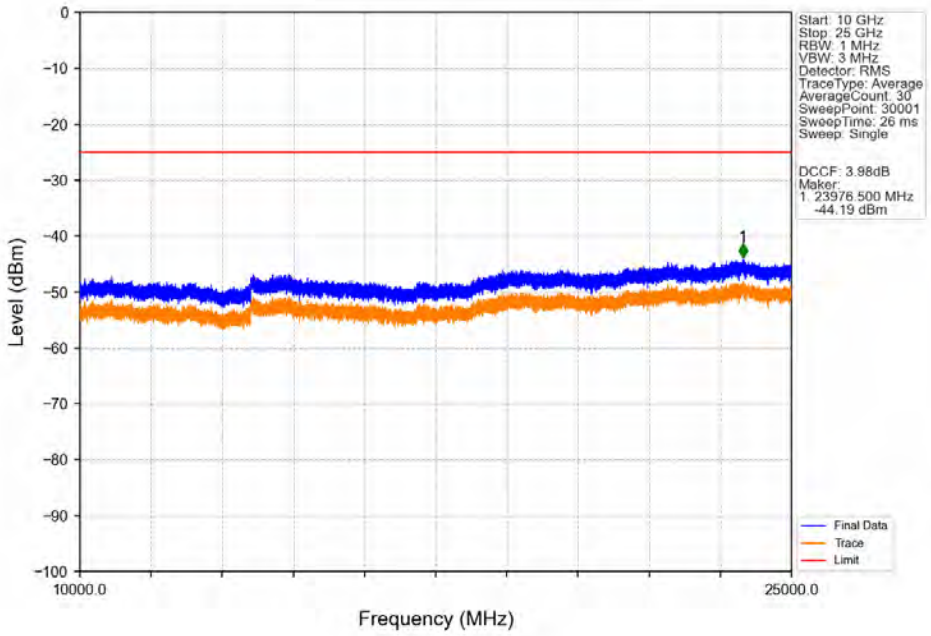


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.470	-47.11	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-36.63	-13	Pass
2495	2496	0.01	/	3	2495.995	-27.16	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

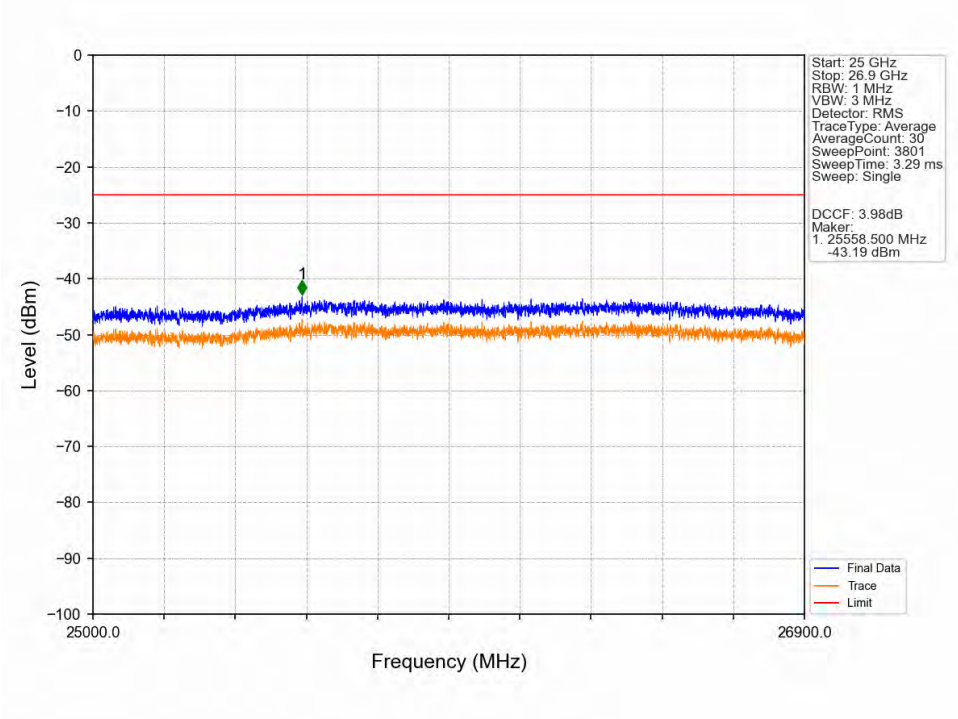
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



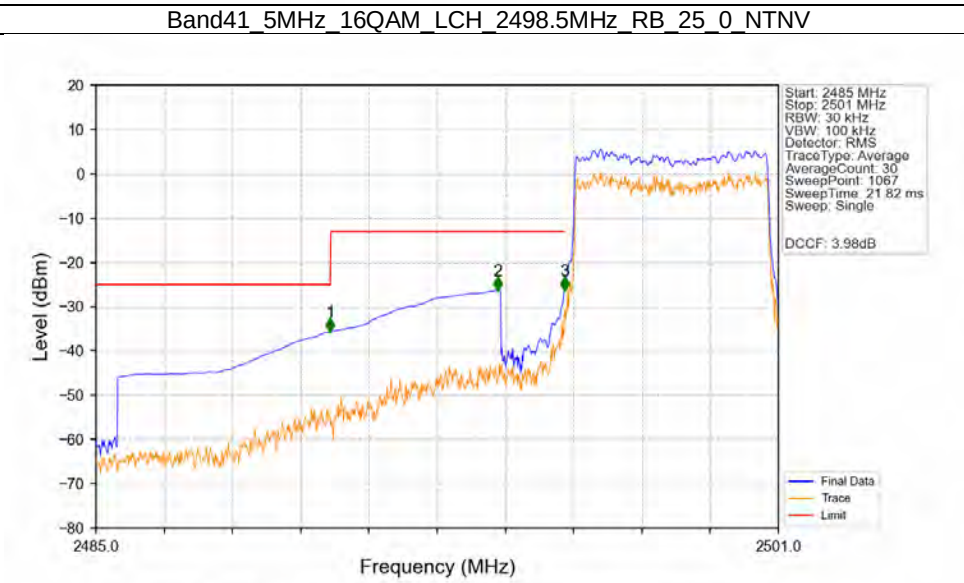
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

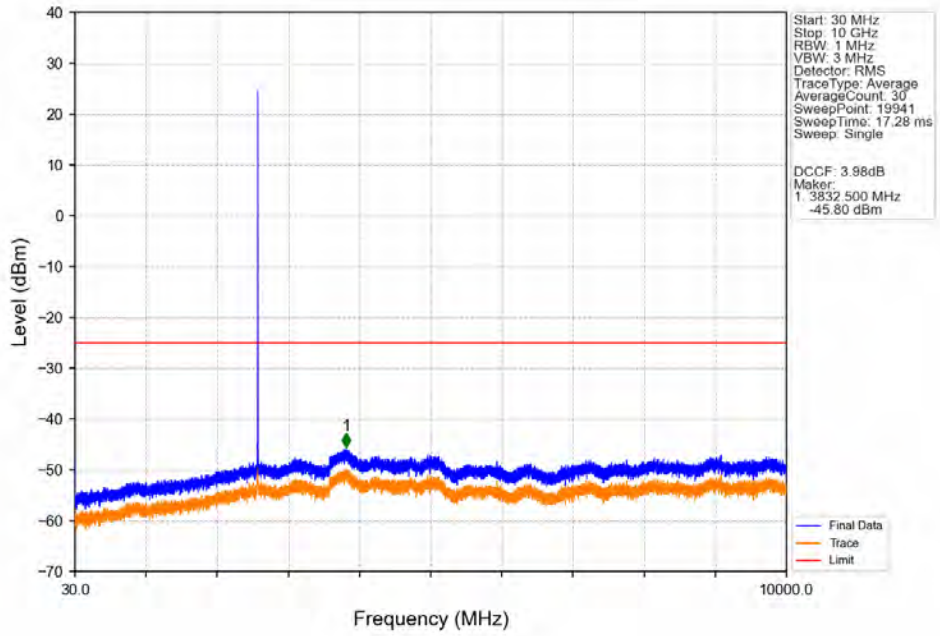


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

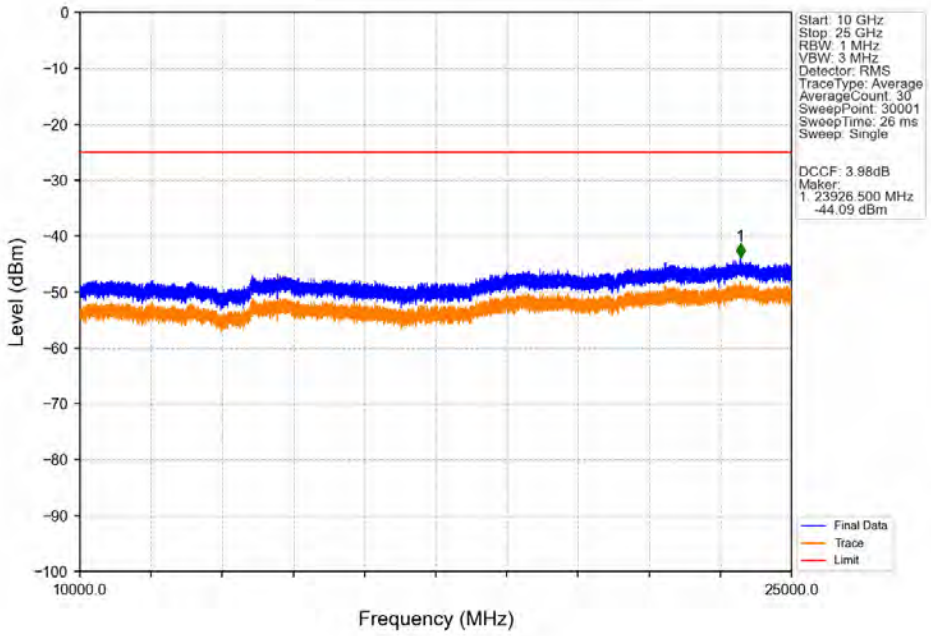


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-35.72	25	Pass
2490.5	2495	1	CHP	2	2494.426	-26.40	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-26.34	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

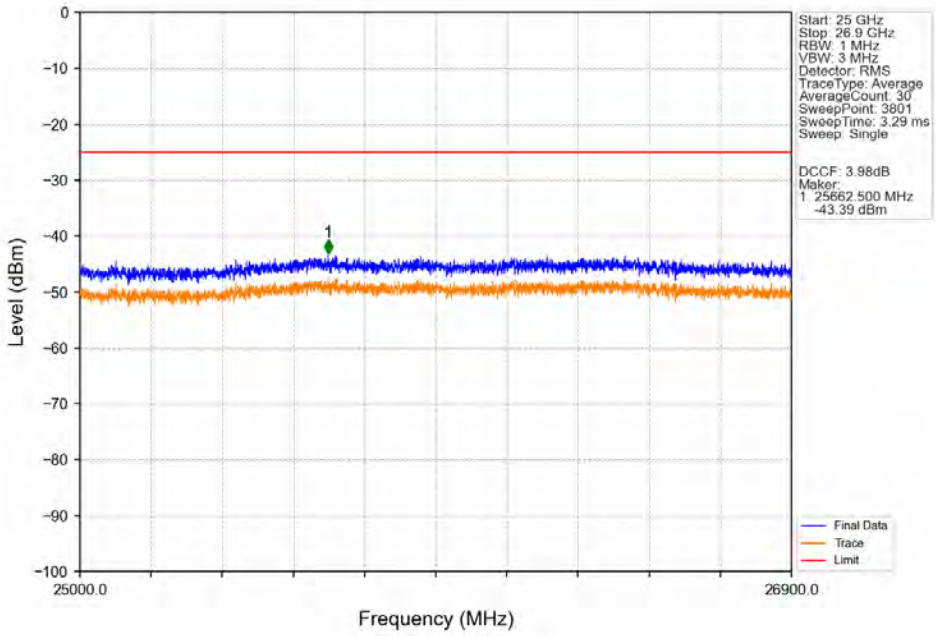
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



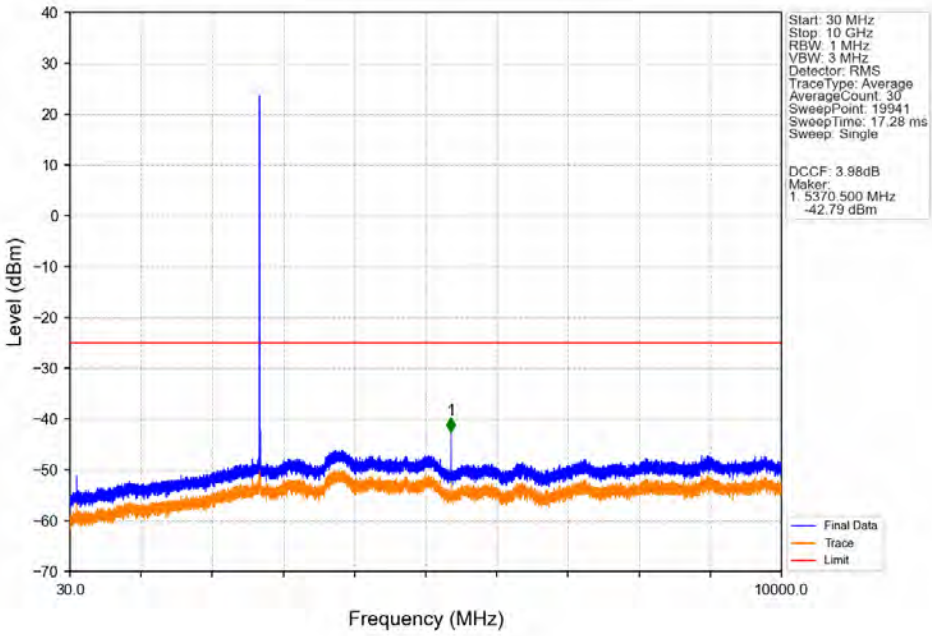
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



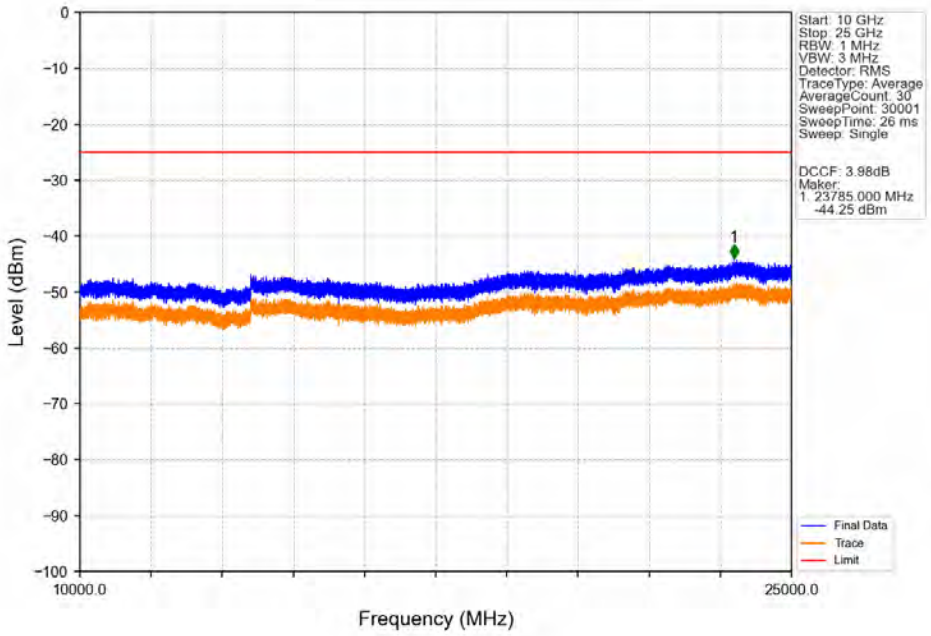
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



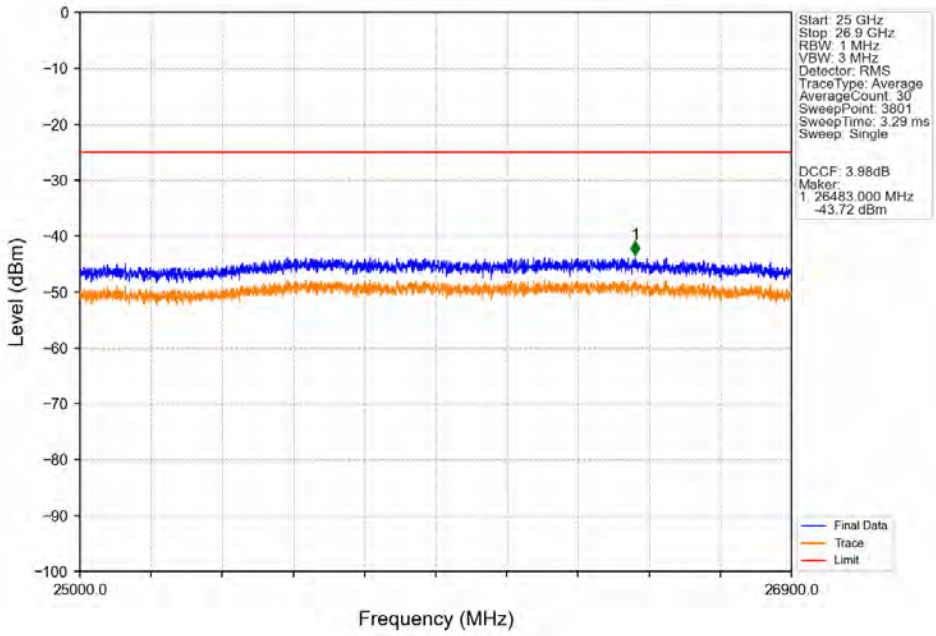
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



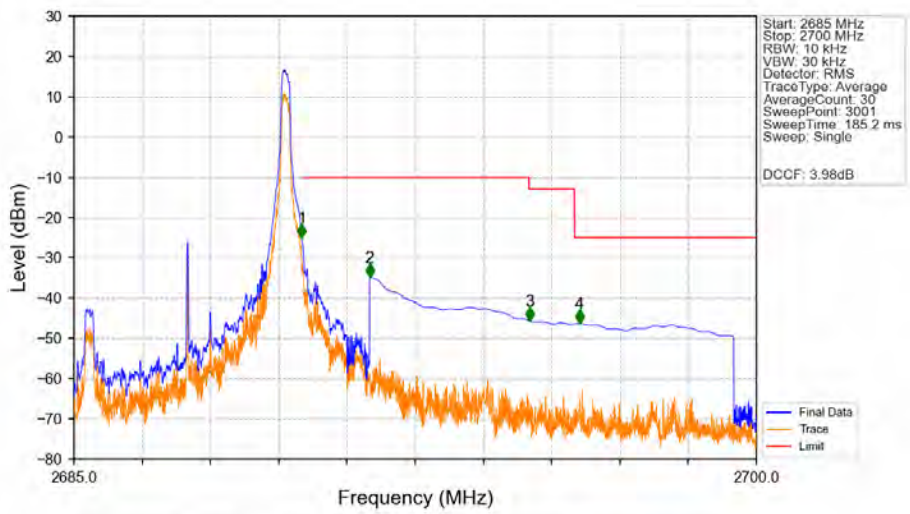
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV

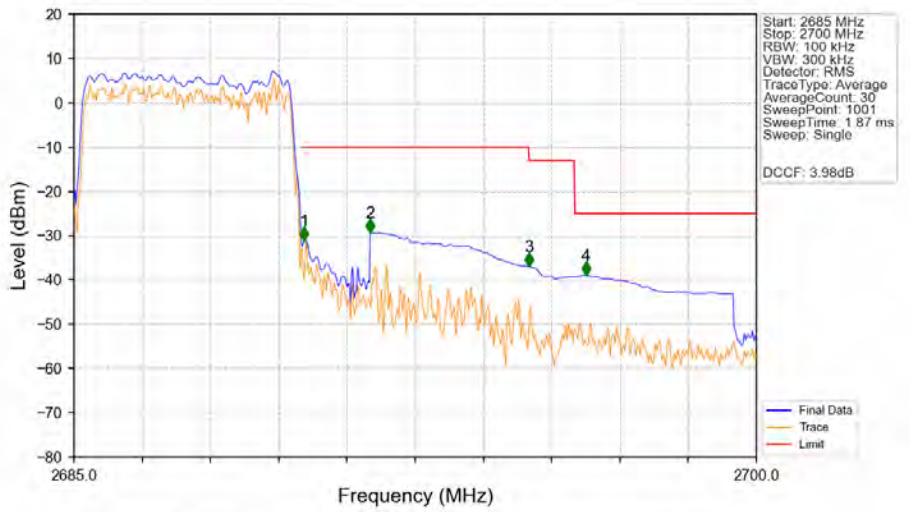


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



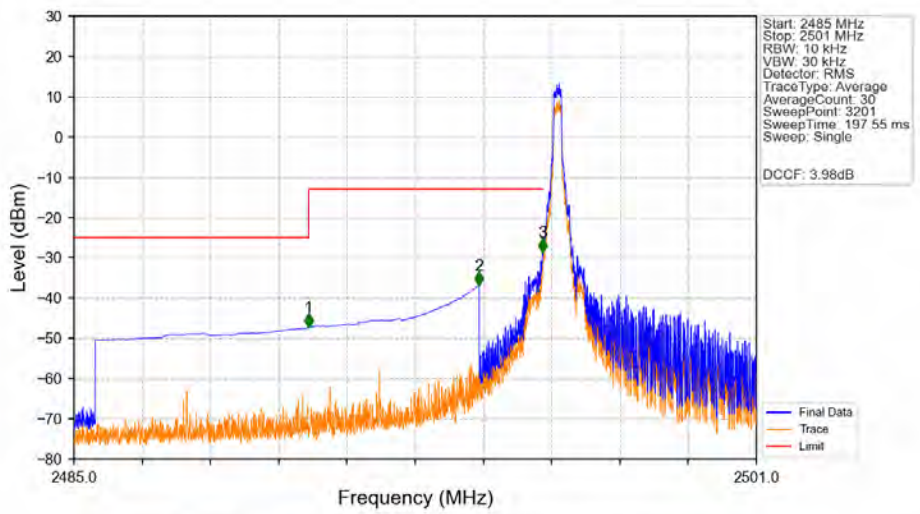
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-25.06	-10	Pass
2691	2695	1	CHP	2	2691.500	-34.83	-10	Pass
2695	2696	1	CHP	3	2695.010	-45.64	-13	Pass
2696	2700	1	CHP	4	2696.115	-46.32	-25	Pass

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



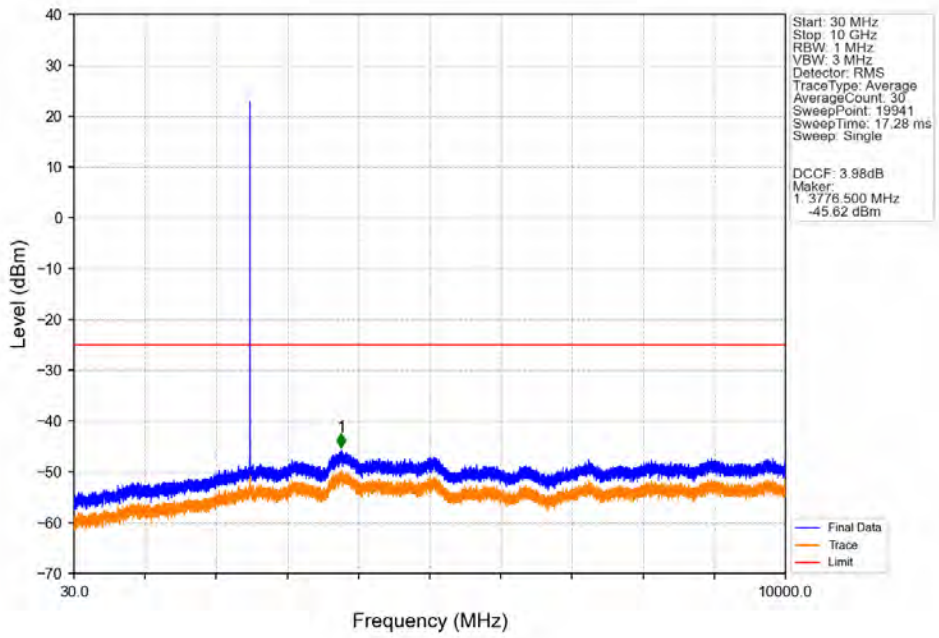
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.104	CHP	/	/	/	/	/
2690	2691	0.104	CHP	1	2690.055	-31.10	-10	Pass
2691	2695	1	CHP	2	2691.510	-29.31	-10	Pass
2695	2696	1	CHP	3	2695.005	-36.88	-13	Pass
2696	2700	1	CHP	4	2696.250	-38.93	-25	Pass

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV

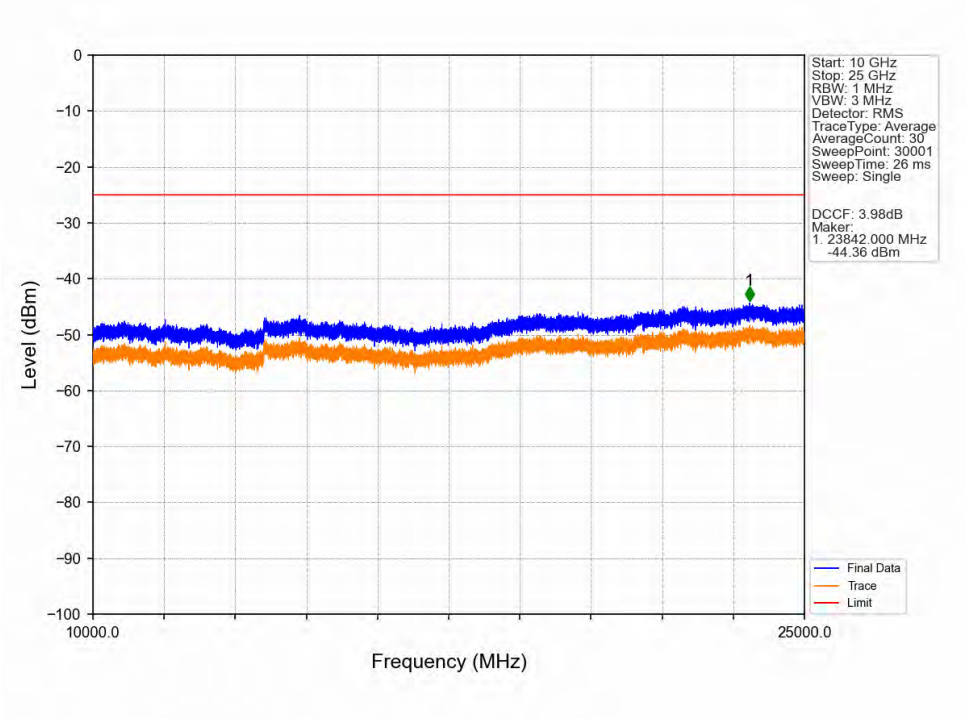


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-47.25	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-36.90	-13	Pass
2495	2496	0.01	/	3	2495.990	-28.68	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

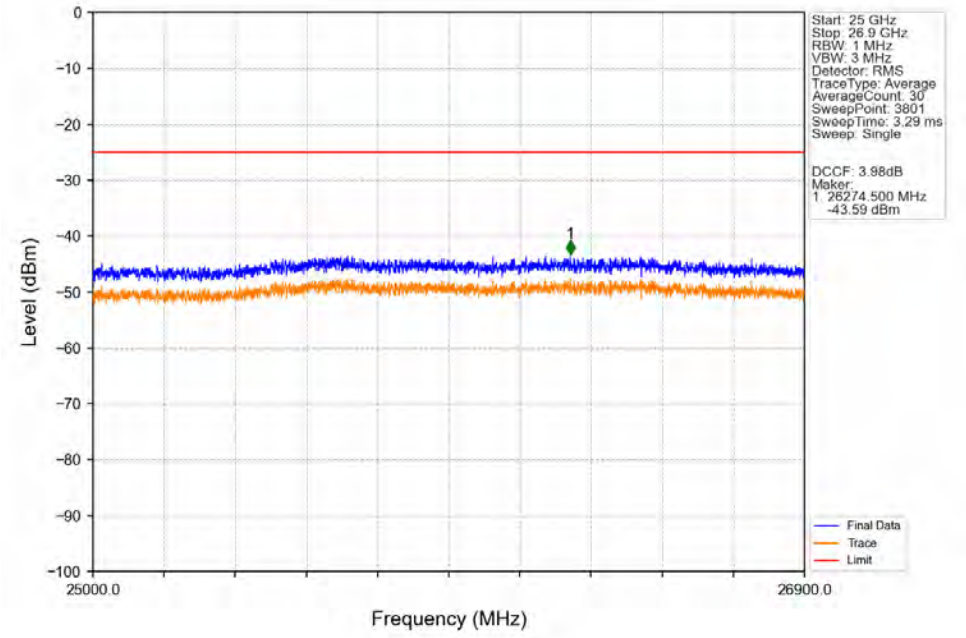
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



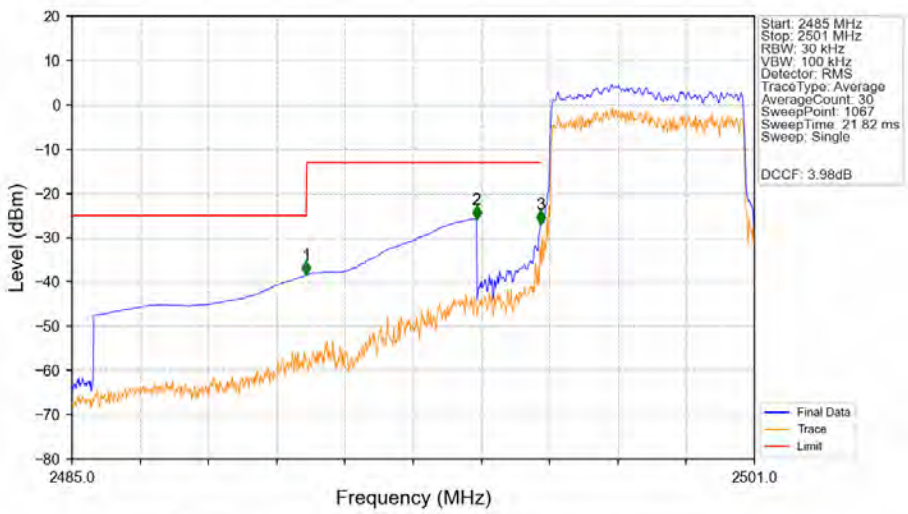
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV

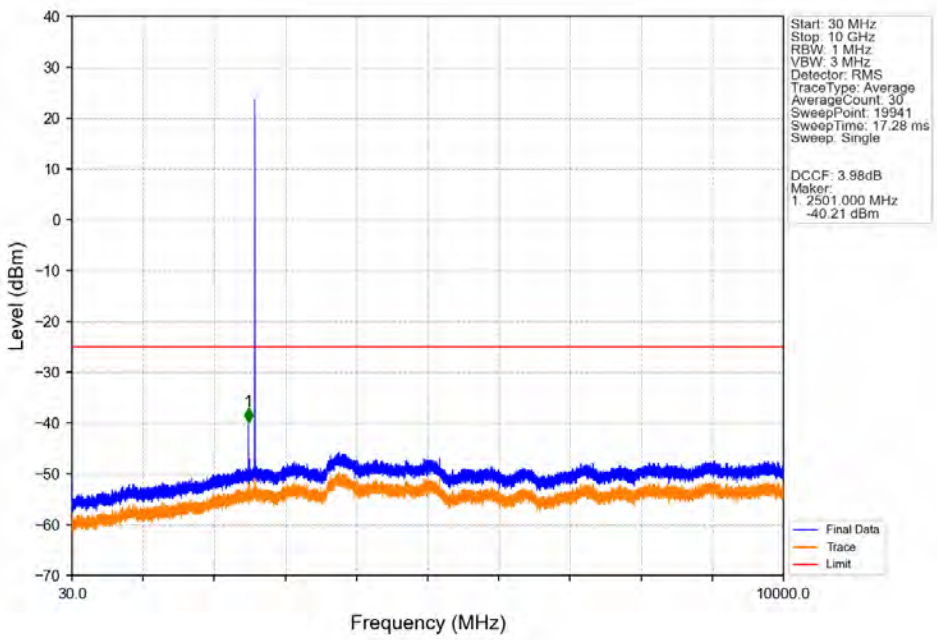


Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV

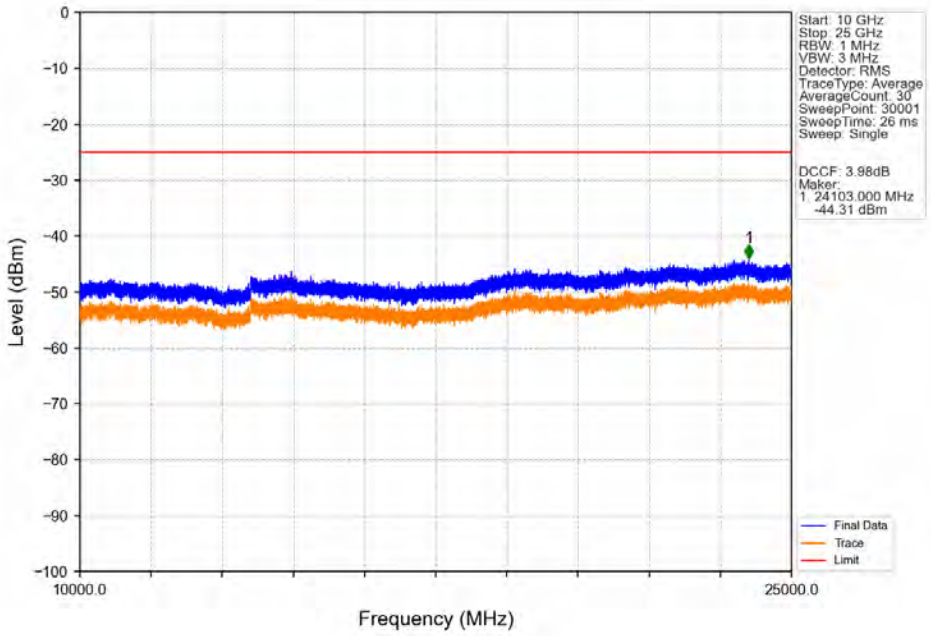


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-38.40	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-25.82	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-26.87	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

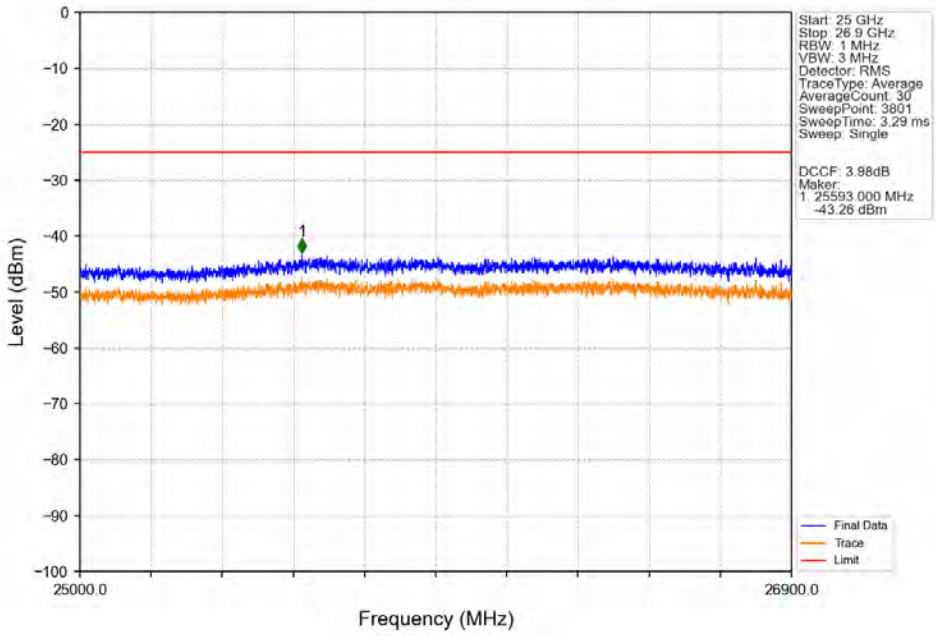
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



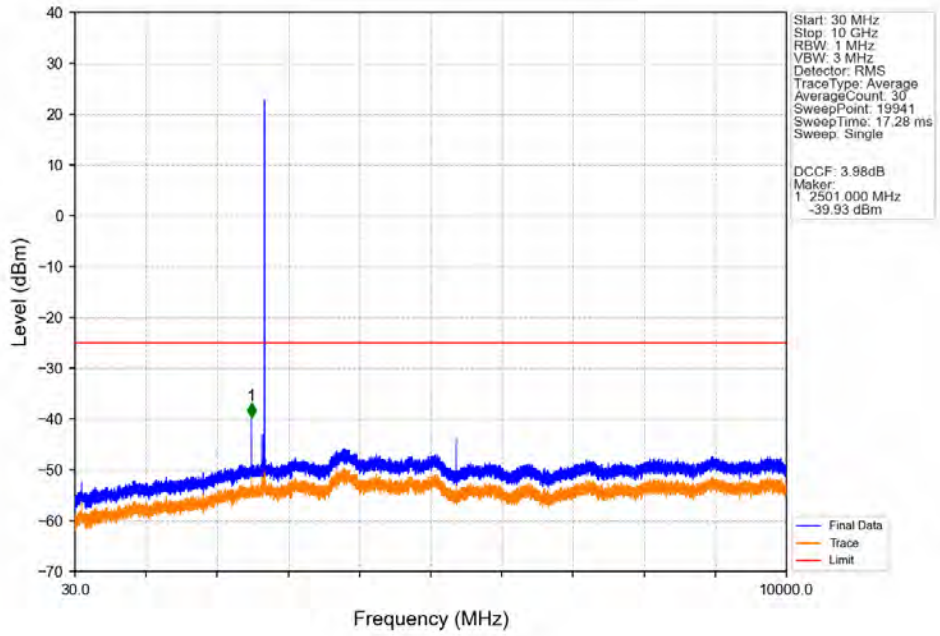
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



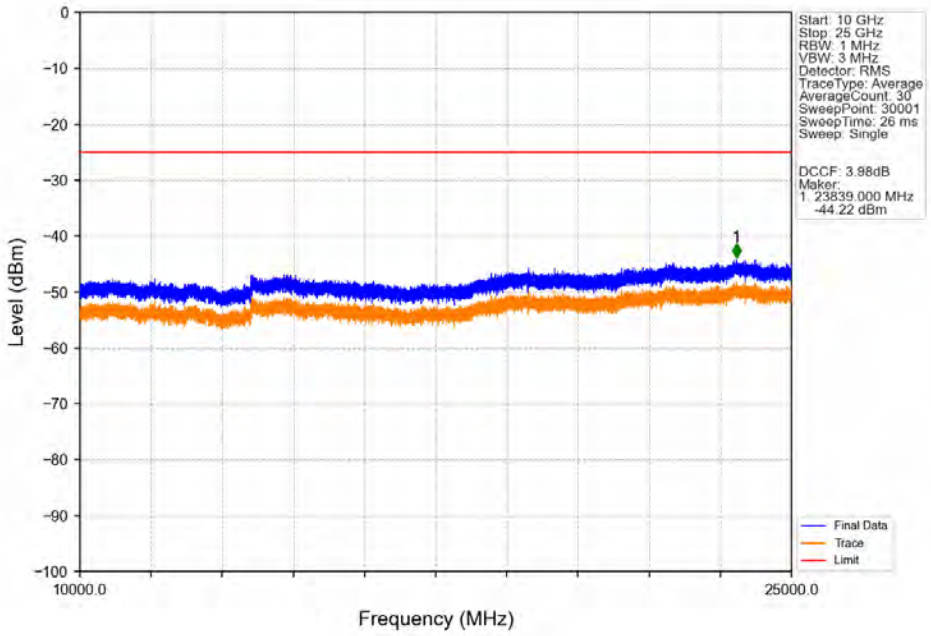
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



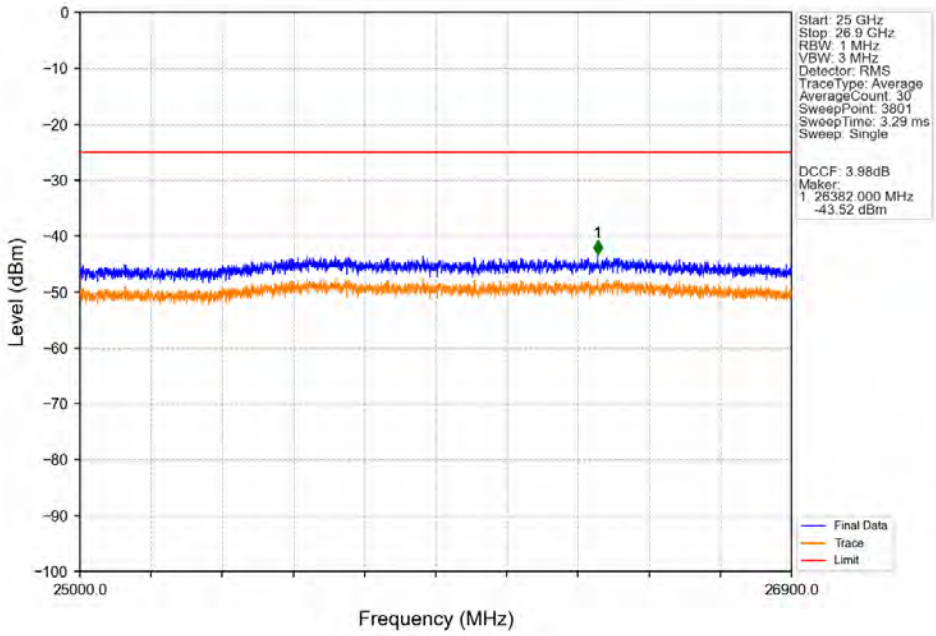
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



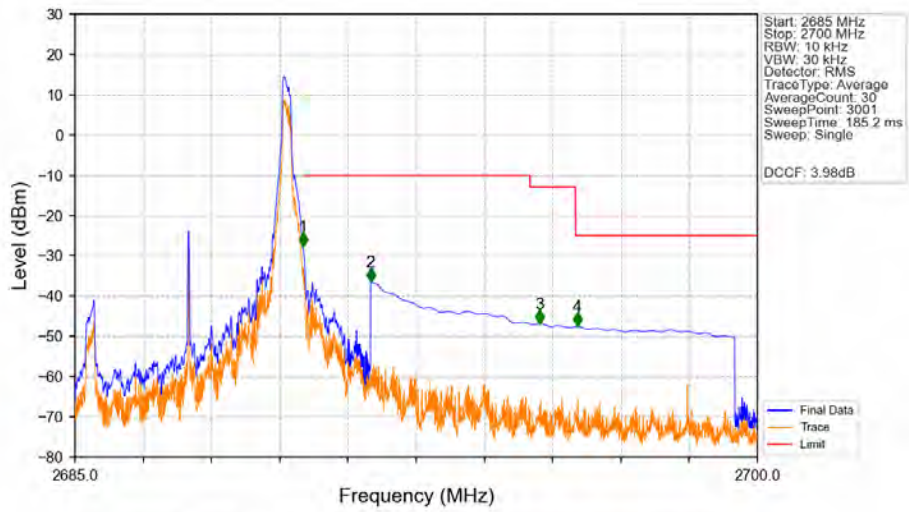
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV

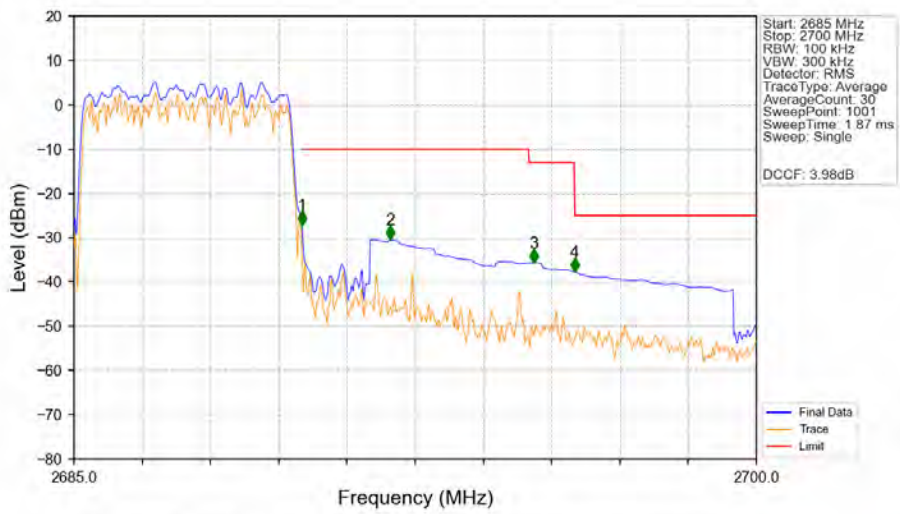


Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.010	-27.72	-10	Pass
2691	2695	1	CHP	2	2691.500	-36.51	-10	Pass
2695	2696	1	CHP	3	2695.220	-46.79	-13	Pass
2696	2700	1	CHP	4	2696.045	-47.54	-25	Pass

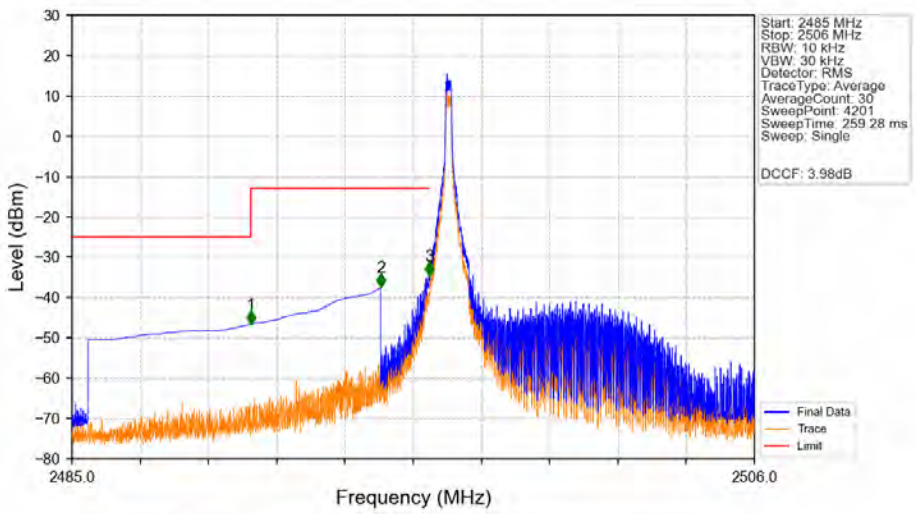
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.105	CHP	/	/	/	/	/
2690	2691	0.105	CHP	1	2690.010	-27.10	-10	Pass
2691	2695	1	CHP	2	2691.945	-30.47	-10	Pass
2695	2696	1	CHP	3	2695.110	-35.61	-13	Pass
2696	2700	1	CHP	4	2696.010	-37.77	-25	Pass

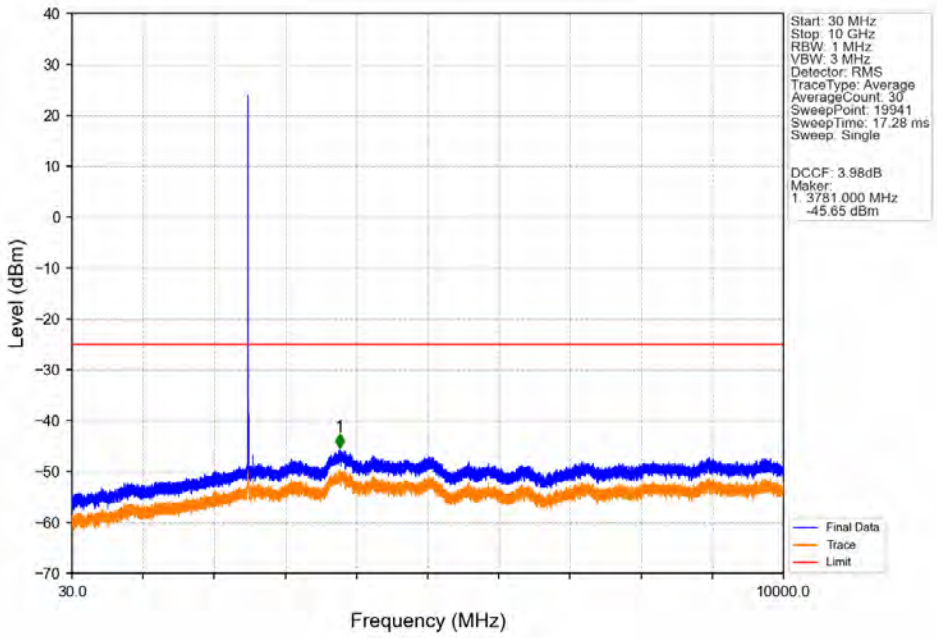
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

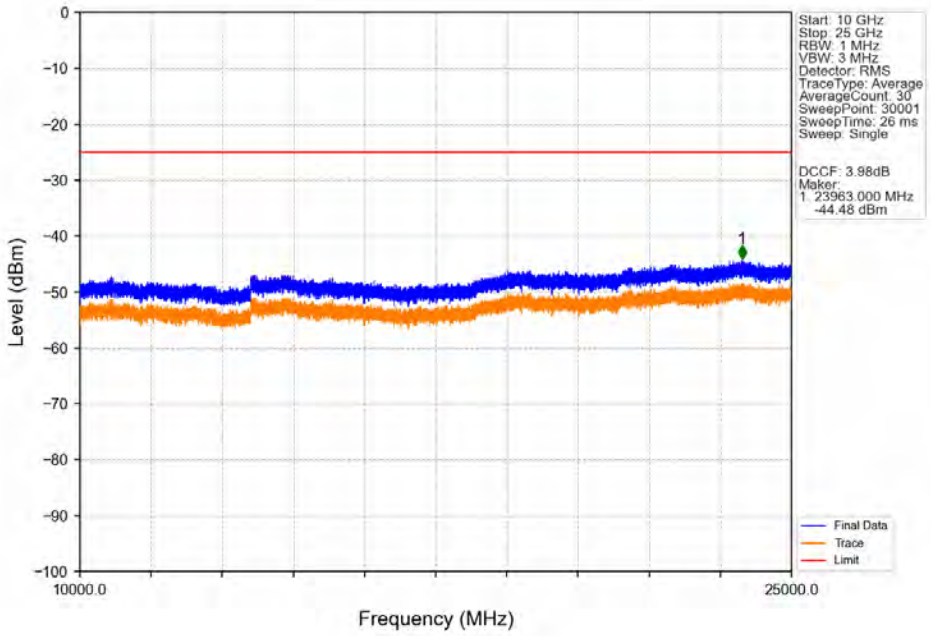


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-46.68	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-37.55	-13	Pass
2495	2496	0.01	/	3	2495.995	-34.62	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

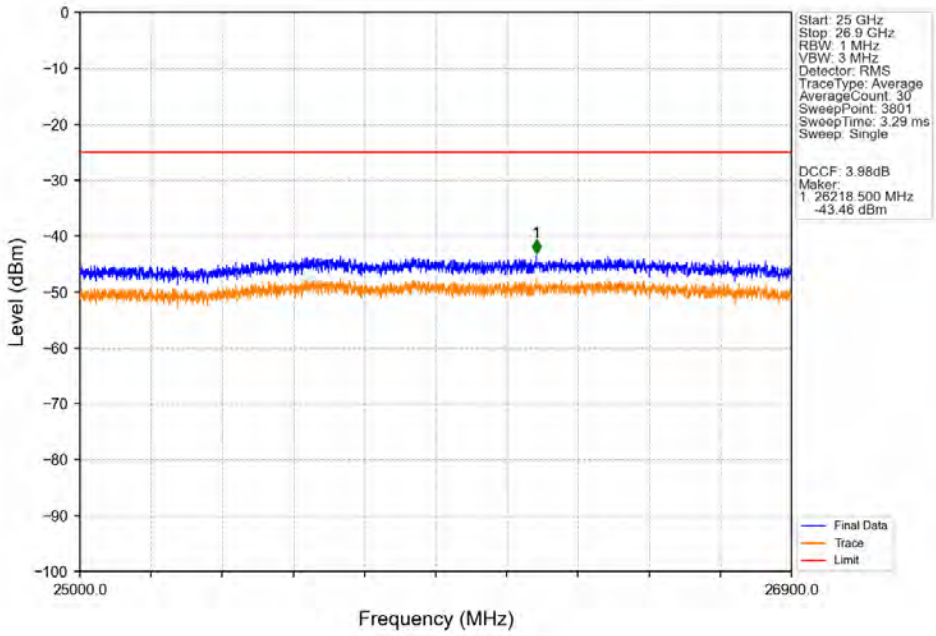
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



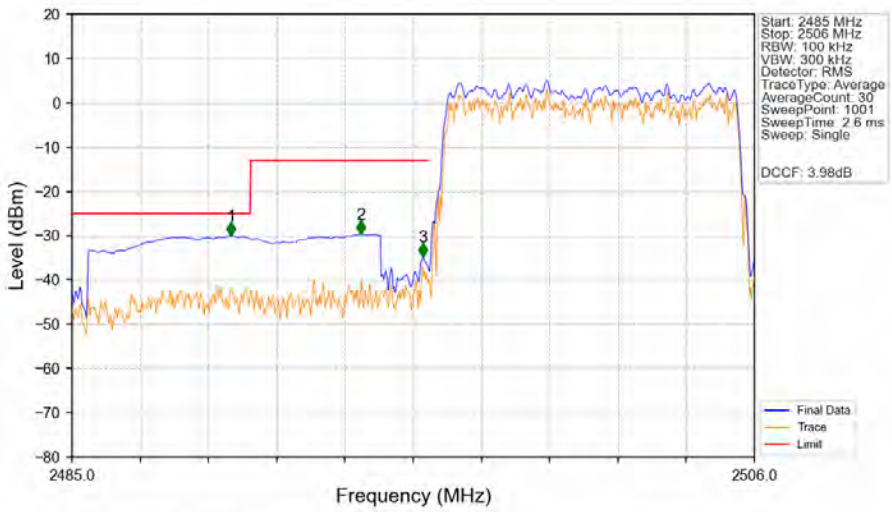
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

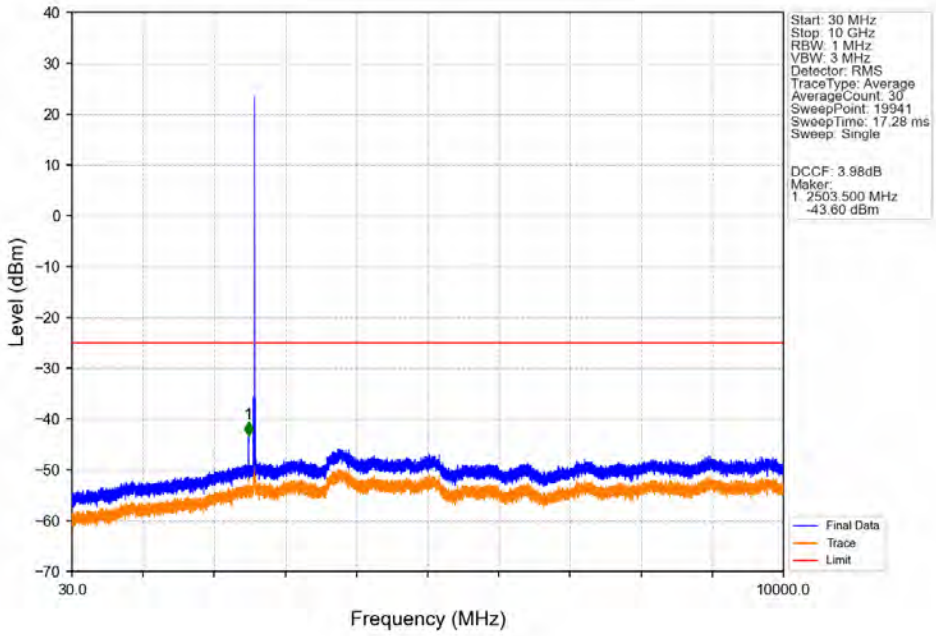


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

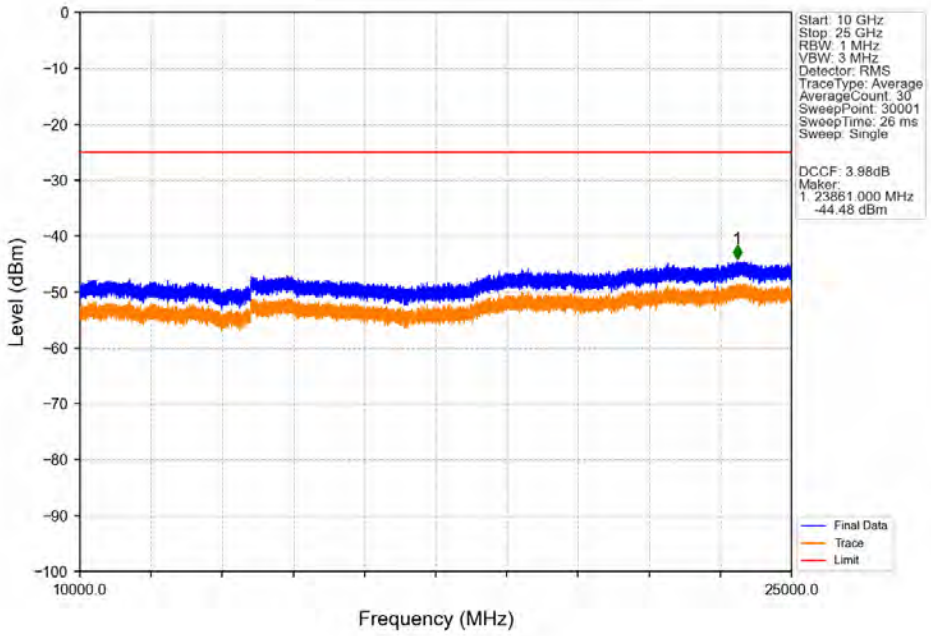


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.893	-30.04	25	Pass
2490.5	2495	1	CHP	2	2493.883	-29.65	-13	Pass
2495	2496	0.101	CHP	3	2495.794	-34.82	-13	Pass
2496	2506	0.101	CHP	/	/	/	/	/

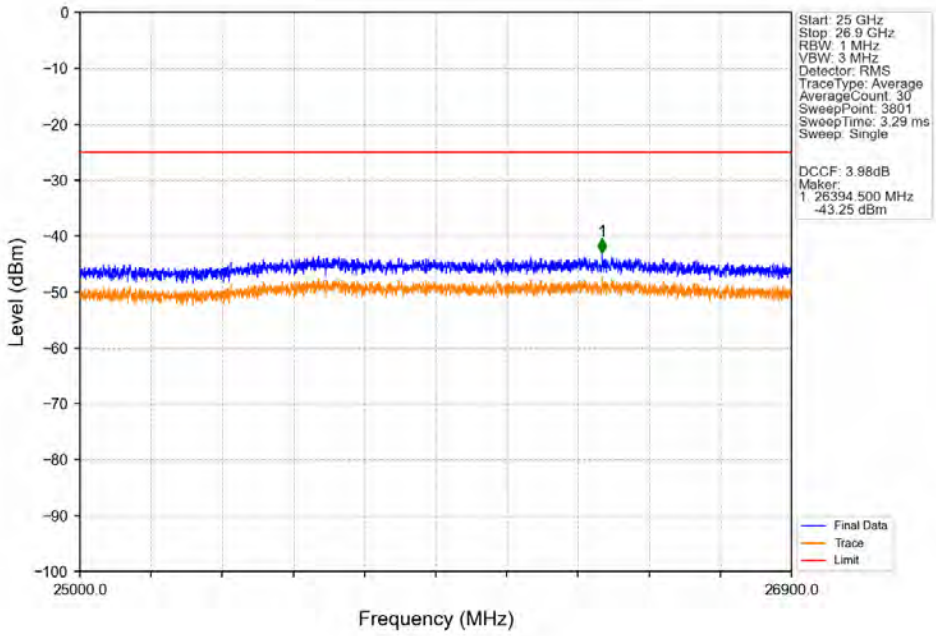
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



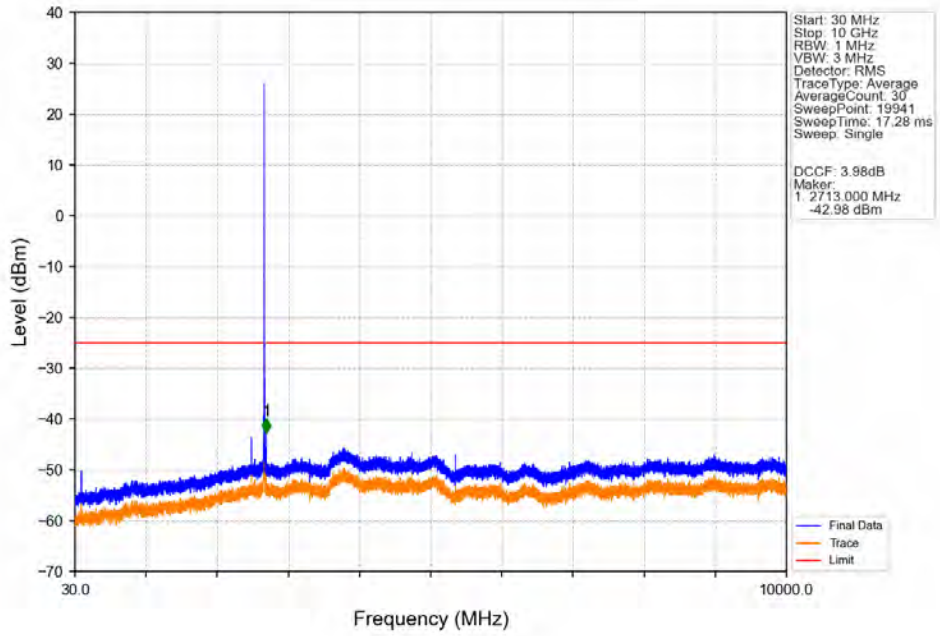
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



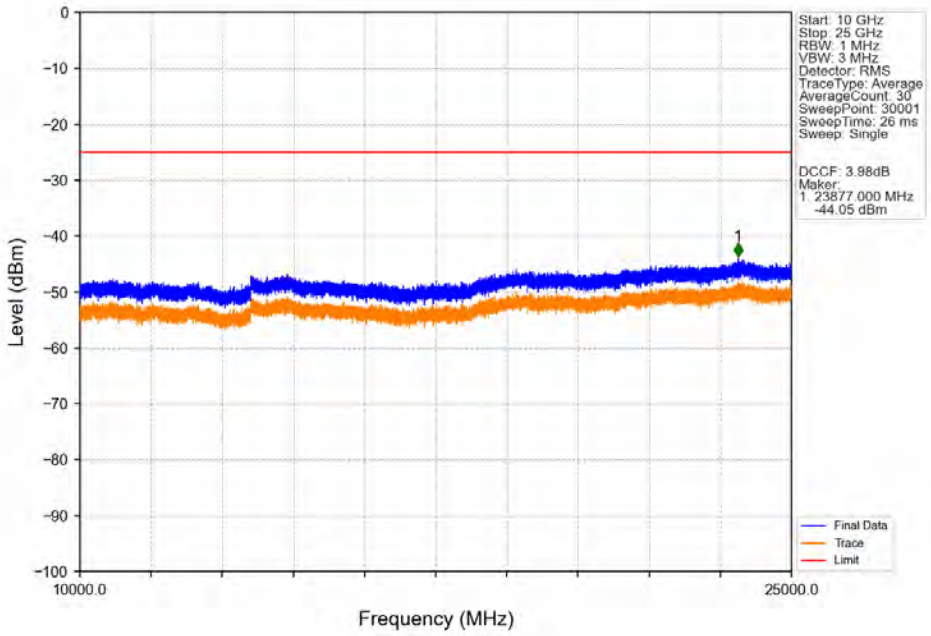
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



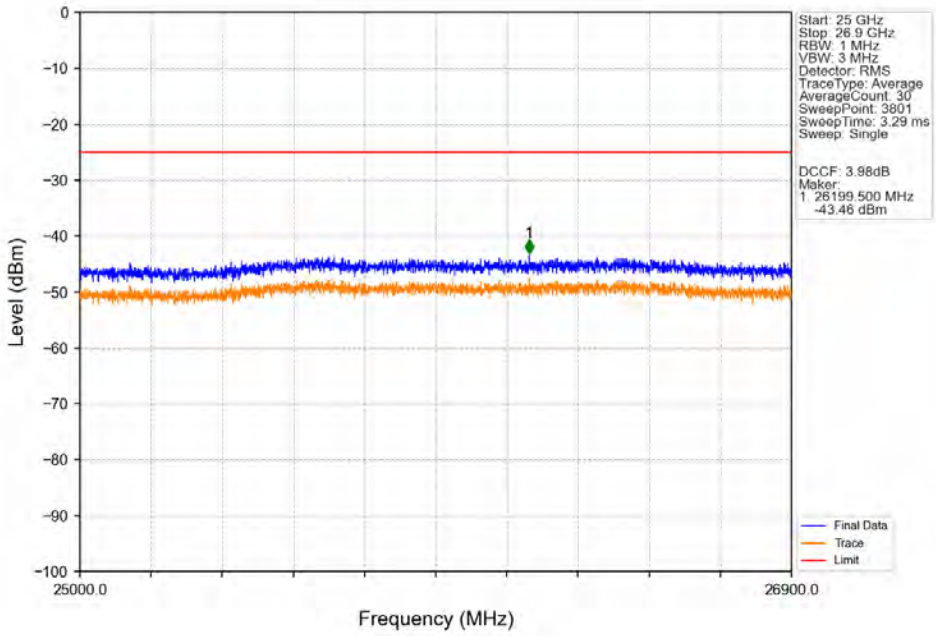
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



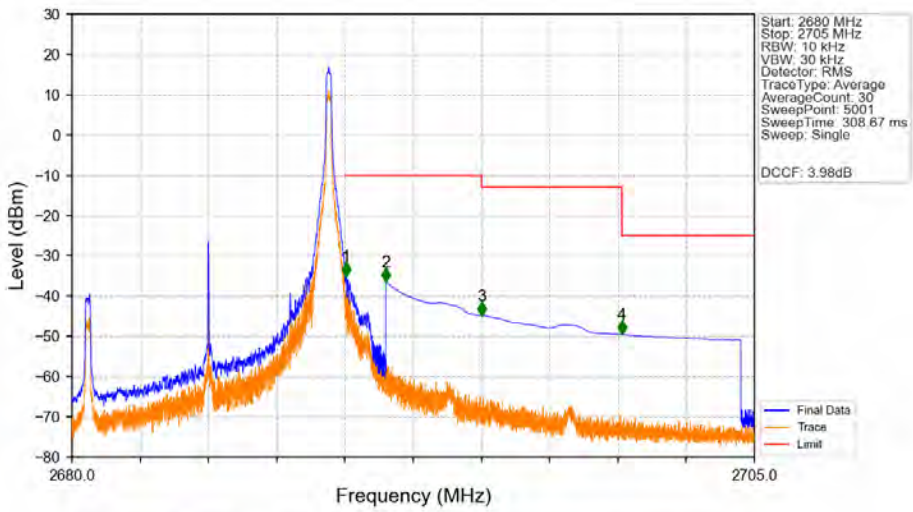
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

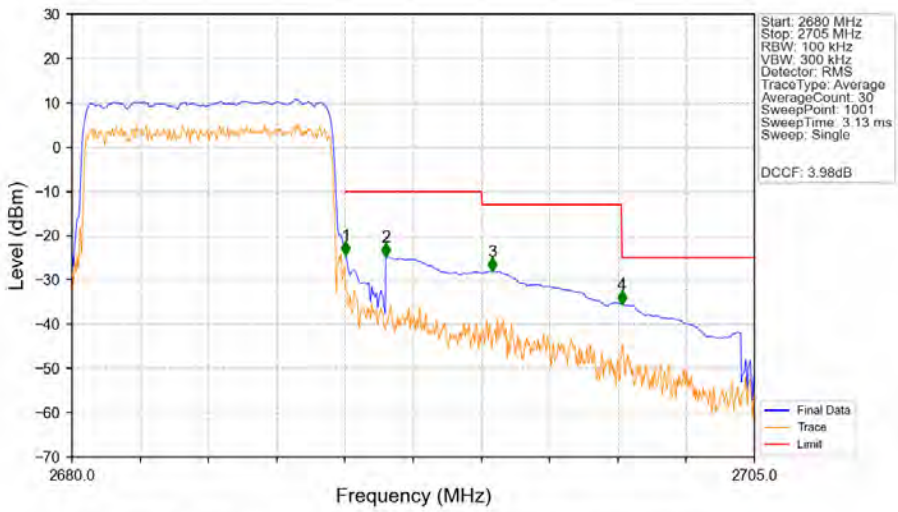


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



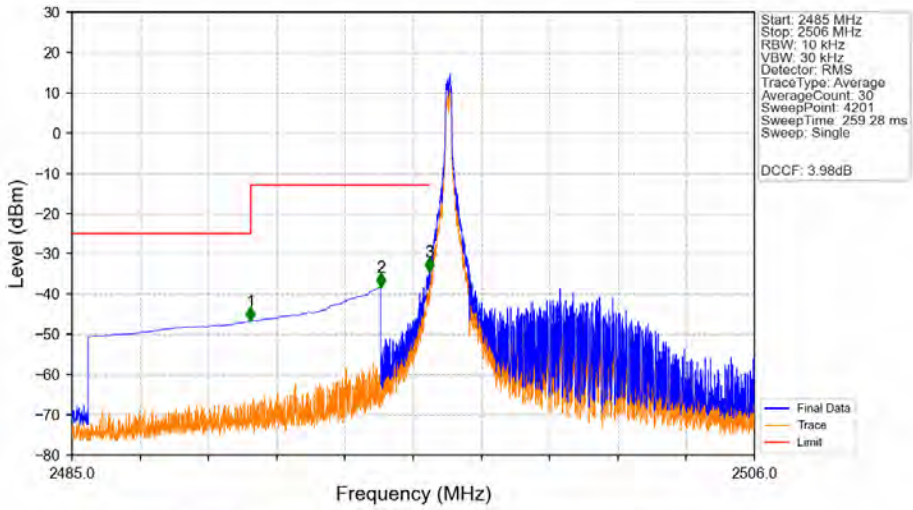
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.040	-35.08	-10	Pass
2691	2695	1	CHP	2	2691.500	-36.40	-10	Pass
2695	2700.142	1	CHP	3	2695.005	-44.82	-13	Pass
2700.142	2705	1	CHP	4	2700.145	-49.54	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



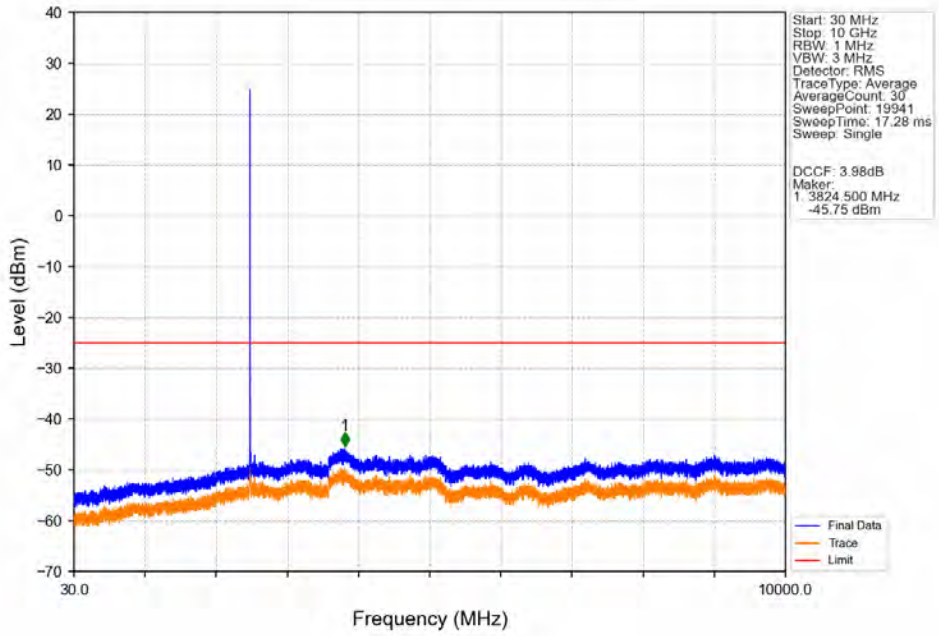
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.203	CHP	/	/	/	/	/
2690	2691	0.203	CHP	1	2690.025	-24.33	-10	Pass
2691	2695	1	CHP	2	2691.500	-24.78	-10	Pass
2695	2700.142	1	CHP	3	2695.400	-28.02	-13	Pass
2700.142	2705	1	CHP	4	2700.150	-35.56	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

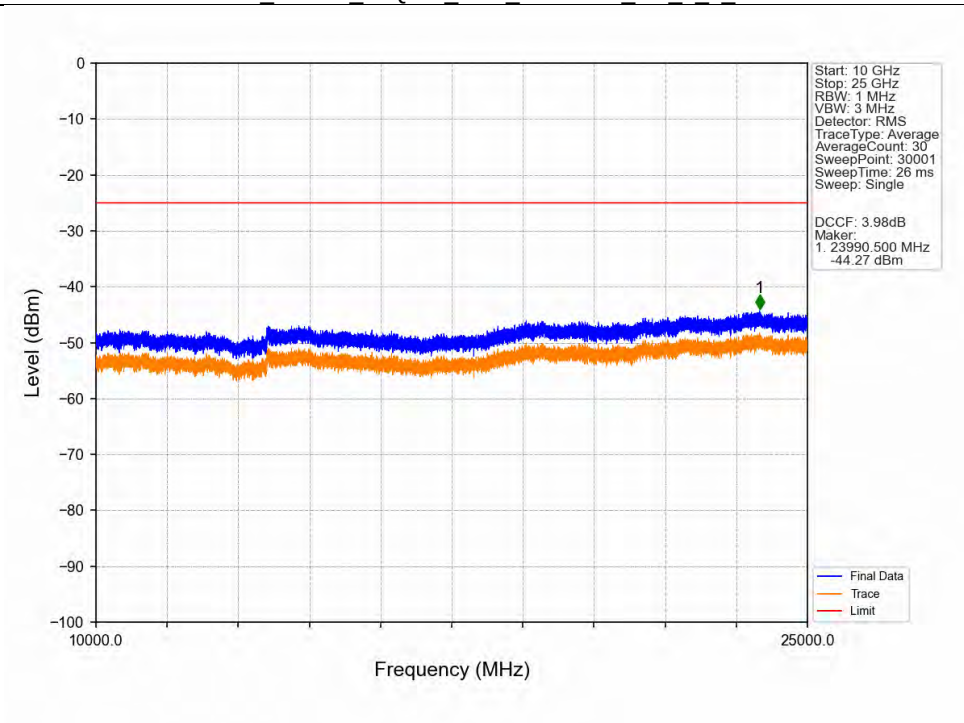


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-46.75	25	Pass
2490.5	2495	1	CHP	2	2494.500	-38.26	-13	Pass
2495	2496	0.01	/	3	2495.985	-34.40	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

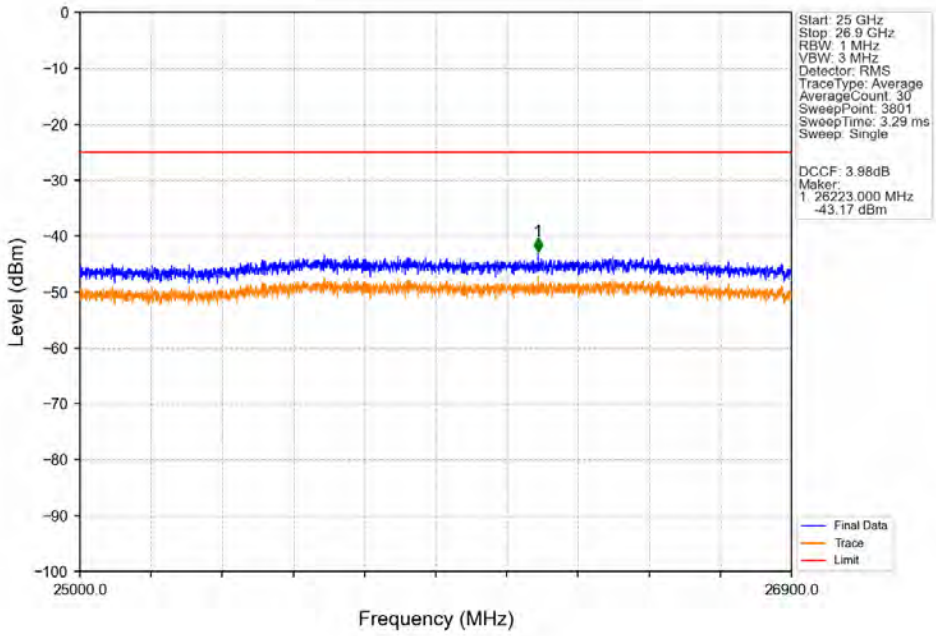
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



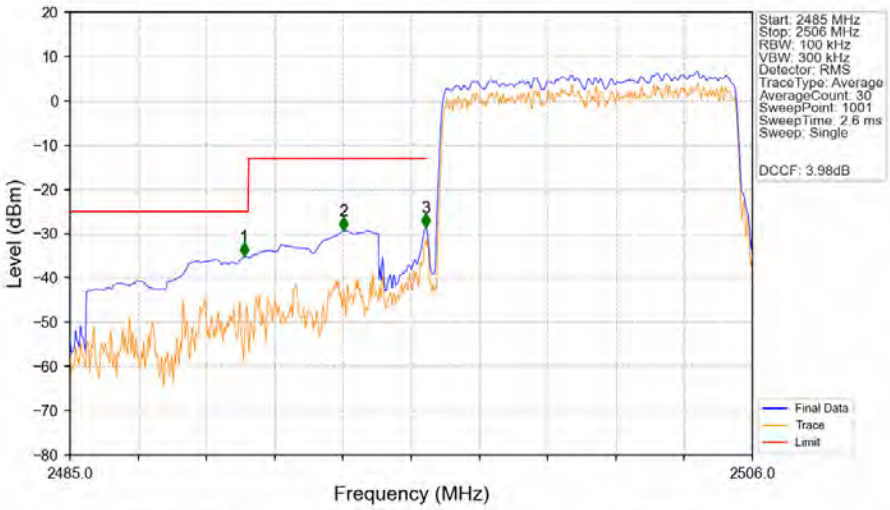
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

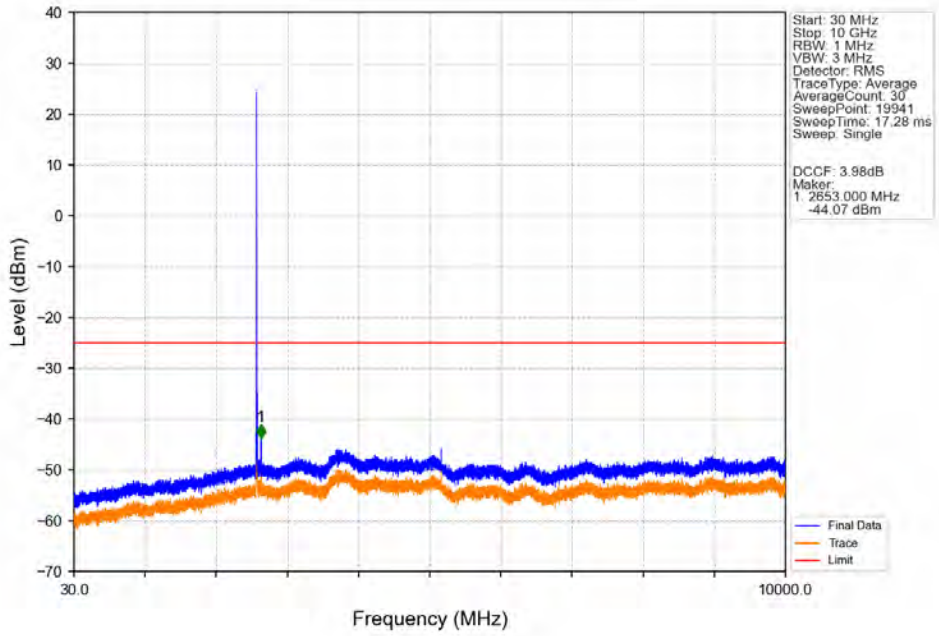


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

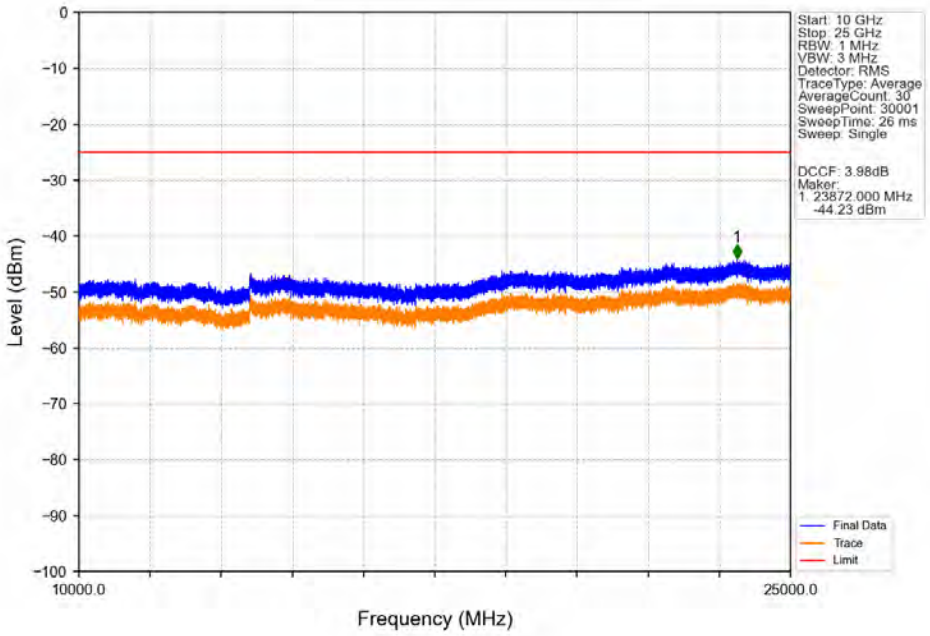


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.355	-35.21	-25	Pass
2490.5	2495	1	CHP	2	2493.421	-29.35	-13	Pass
2495	2496	0.101	CHP	3	2495.941	-28.59	-13	Pass
2496	2506	0.101	CHP	/	/	/	/	/

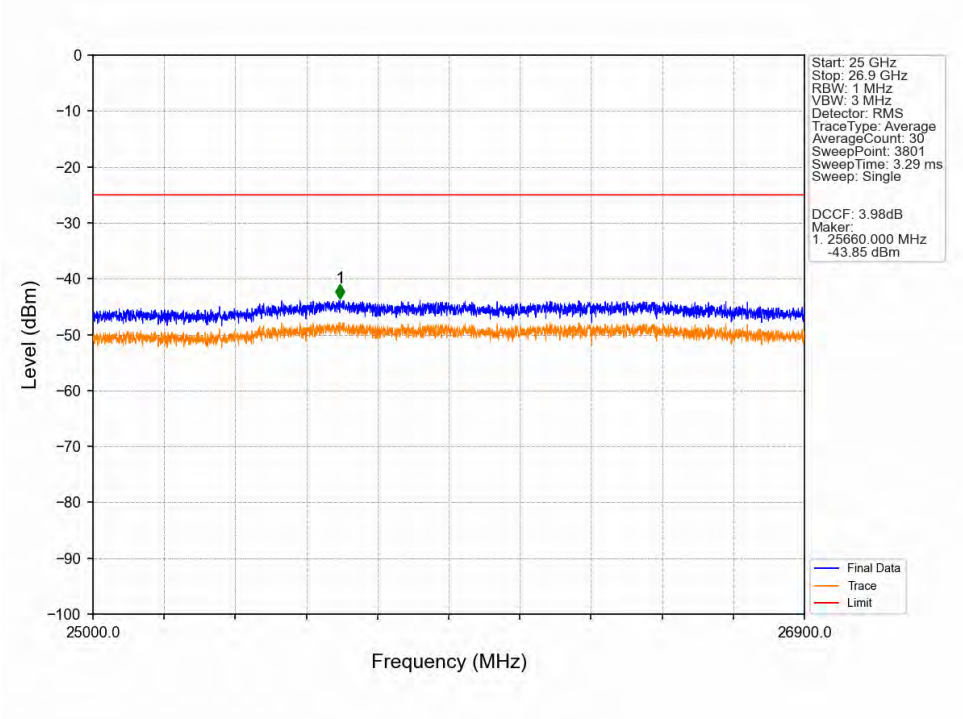
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



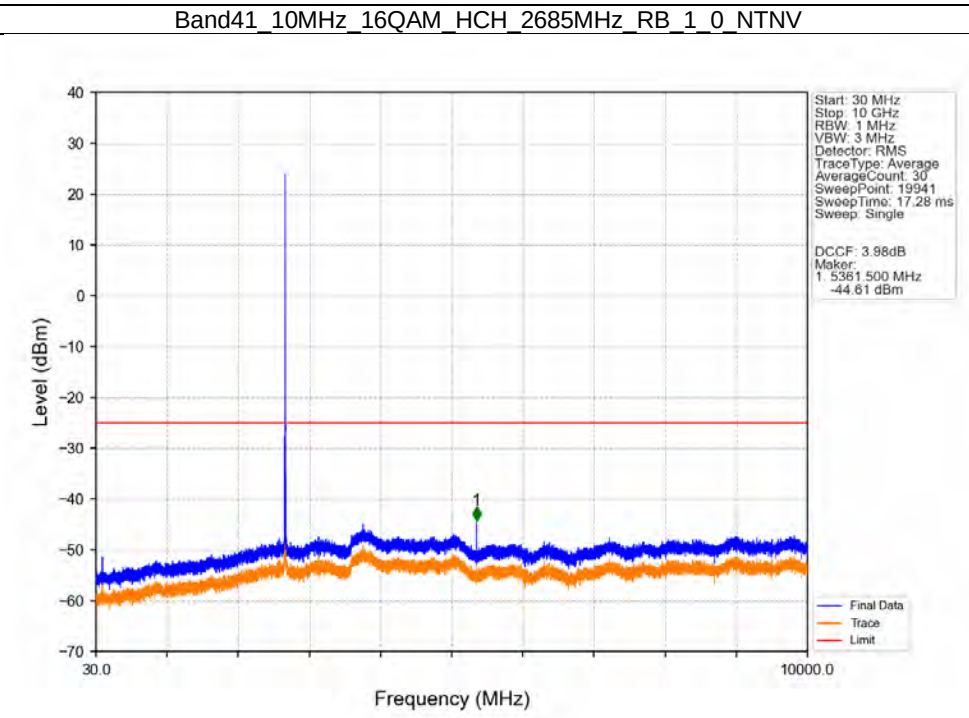
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



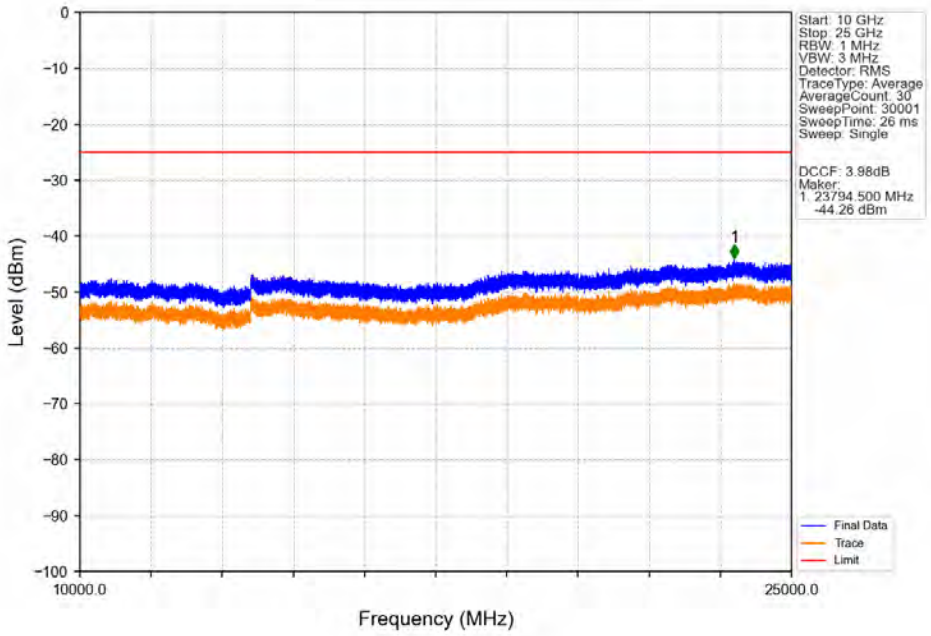
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



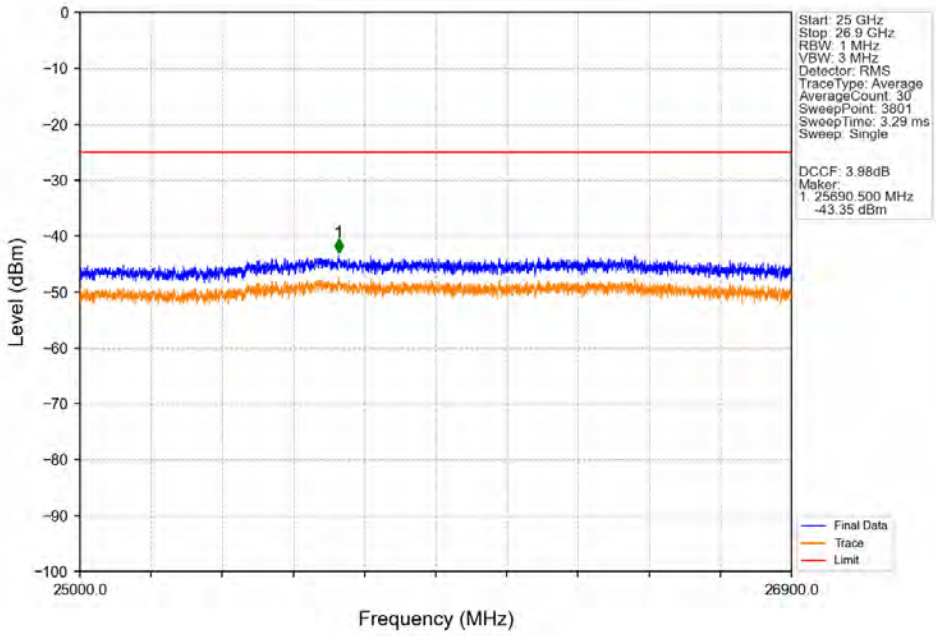
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



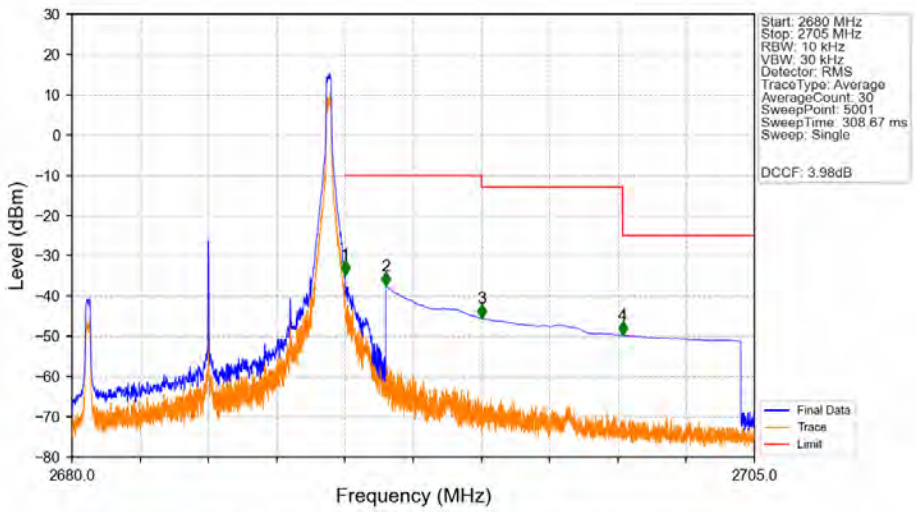
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV

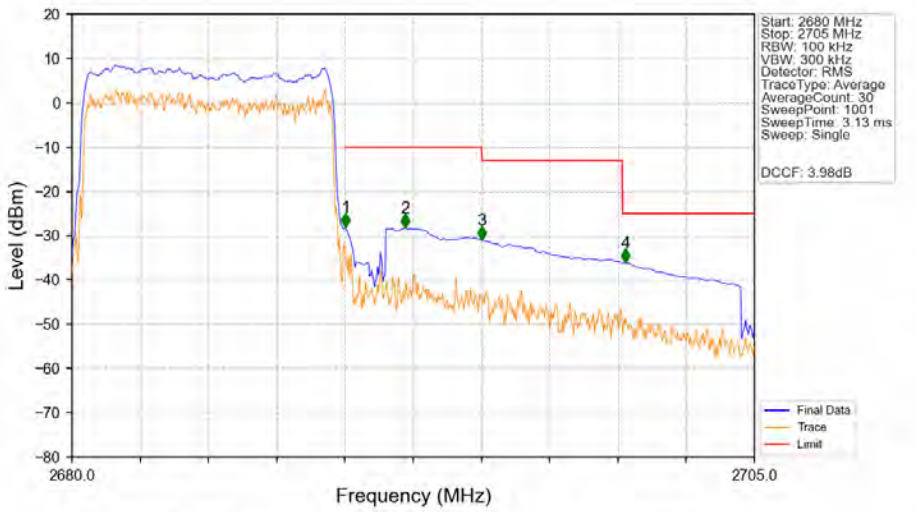


Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



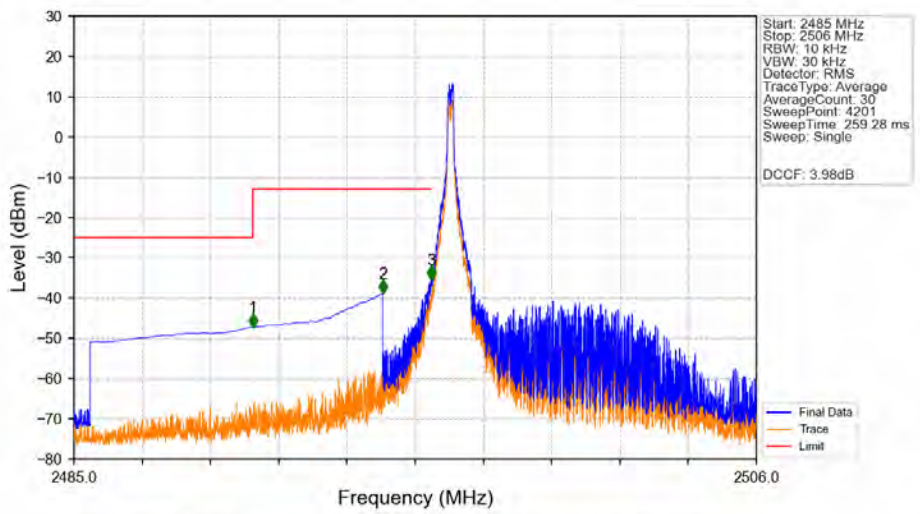
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-34.68	-10	Pass
2691	2695	1	CHP	2	2691.500	-37.41	-10	Pass
2695	2700.172	1	CHP	3	2695.005	-45.44	-13	Pass
2700.172	2705	1	CHP	4	2700.180	-49.78	-25	Pass

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



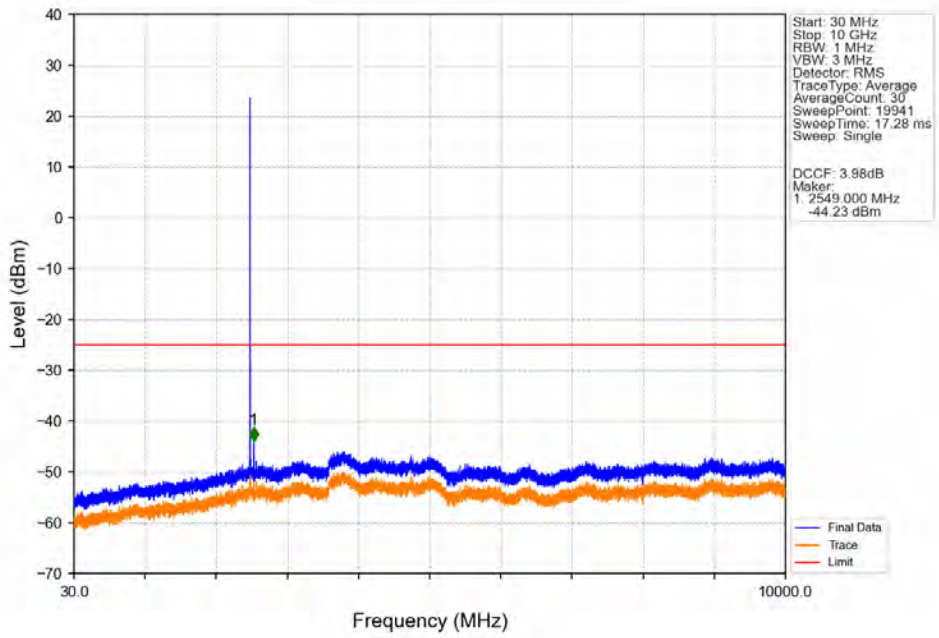
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.203	CHP	/	/	/	/	/
2690	2691	0.203	CHP	1	2690.025	-28.09	-10	Pass
2691	2695	1	CHP	2	2692.200	-28.26	-10	Pass
2695	2700.172	1	CHP	3	2695.025	-31.03	-13	Pass
2700.172	2705	1	CHP	4	2700.275	-36.13	-25	Pass

Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV

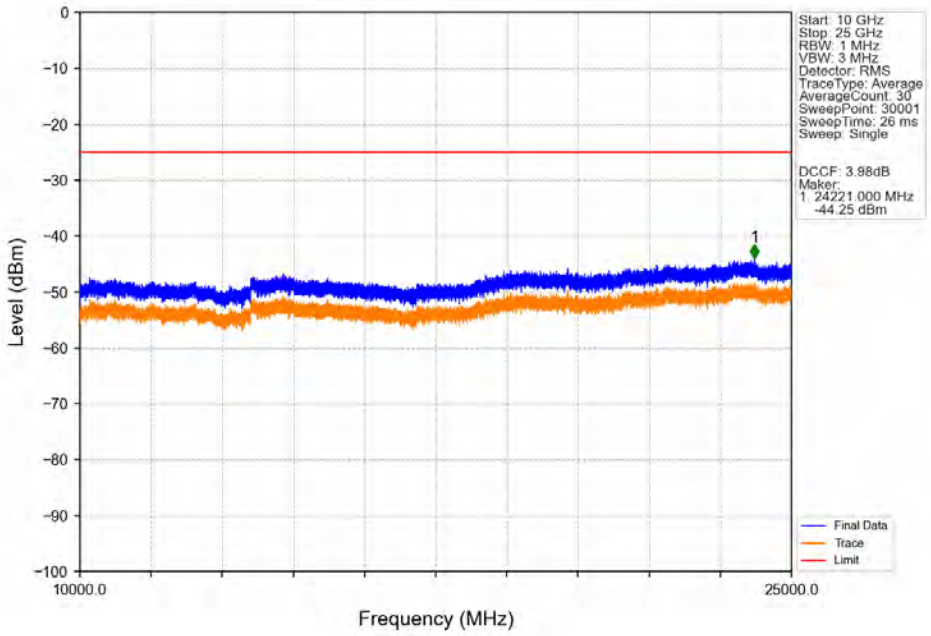


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-47.28	25	Pass
2490.5	2495	1	CHP	2	2494.500	-38.92	-13	Pass
2495	2496	0.01	/	3	2495.985	-35.45	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

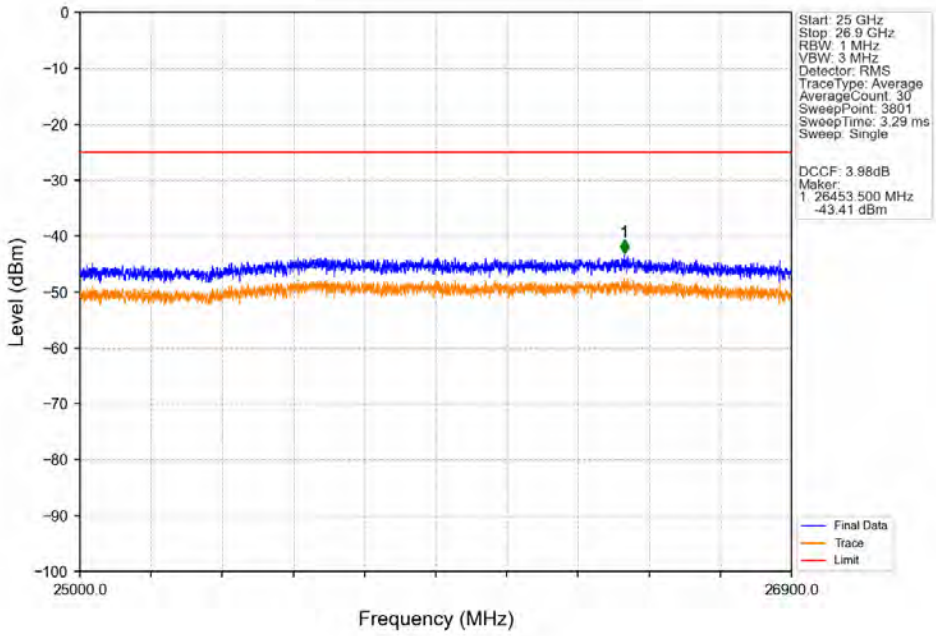
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



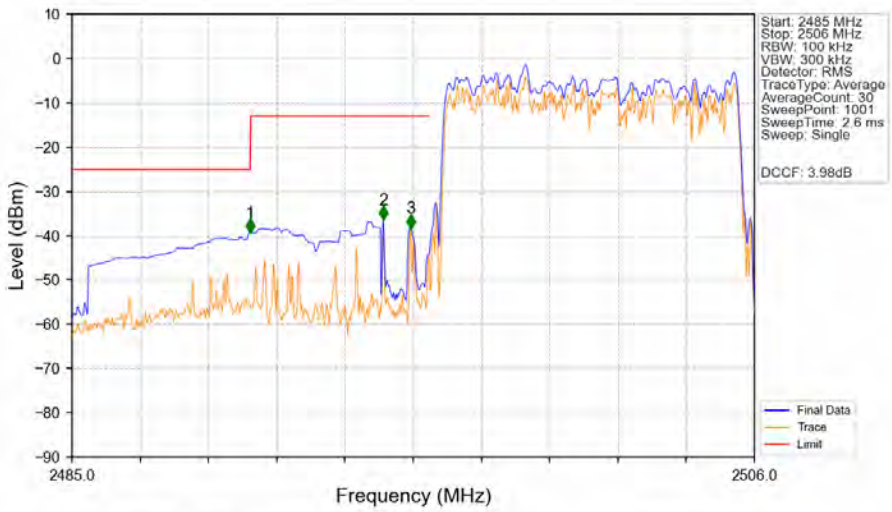
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV

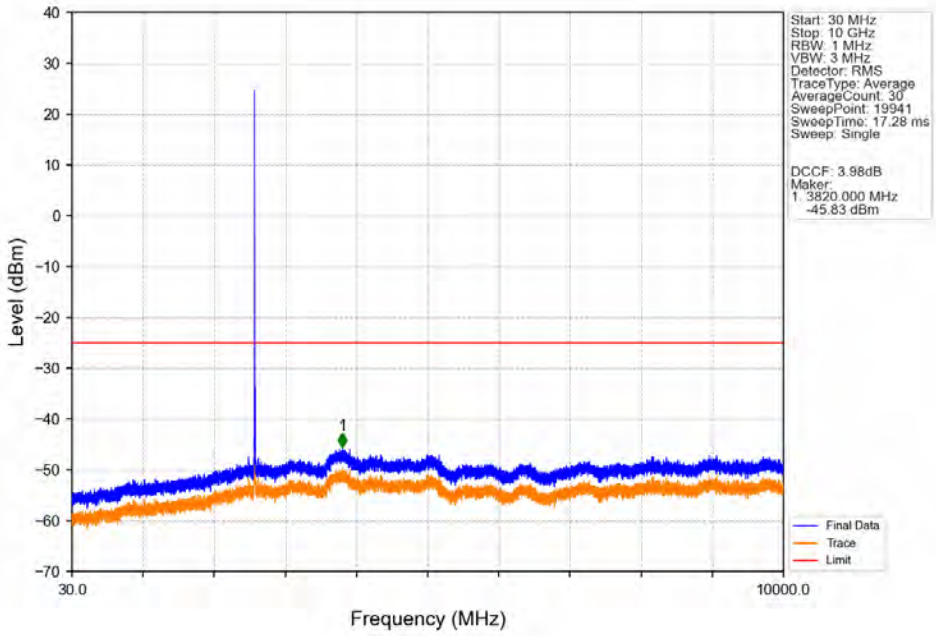


Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV

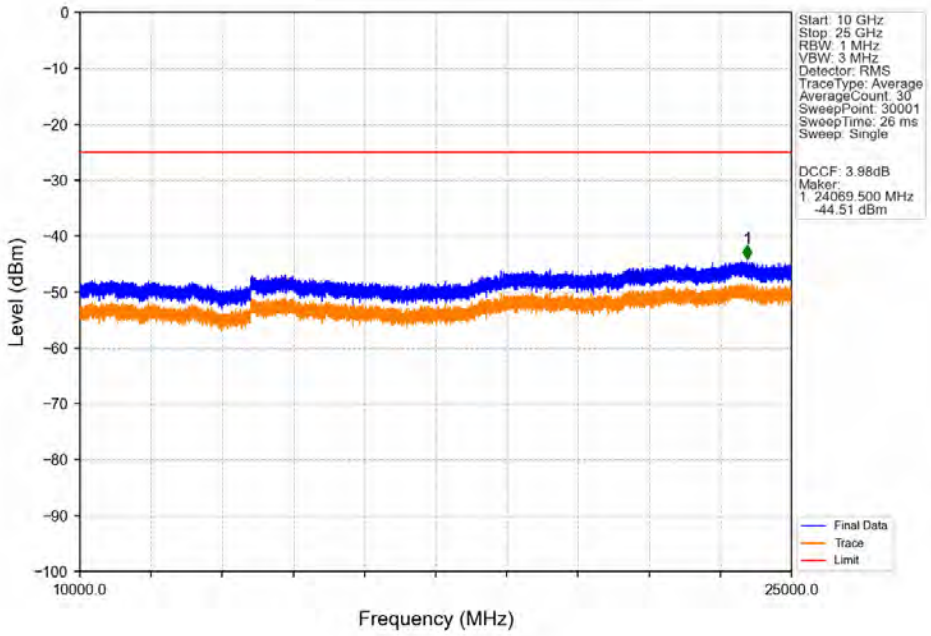


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-39.33	25	Pass
2490.5	2495	1	CHP	2	2494.576	-36.36	-13	Pass
2495	2496	0.101	CHP	3	2495.437	-38.31	-13	Pass
2496	2506	0.101	CHP	/	/	/	/	/

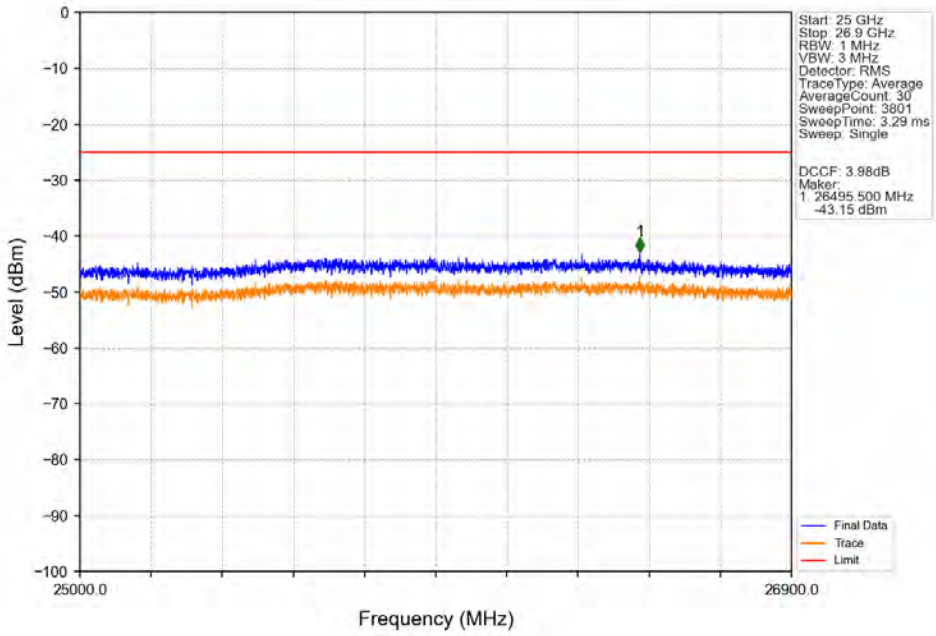
Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



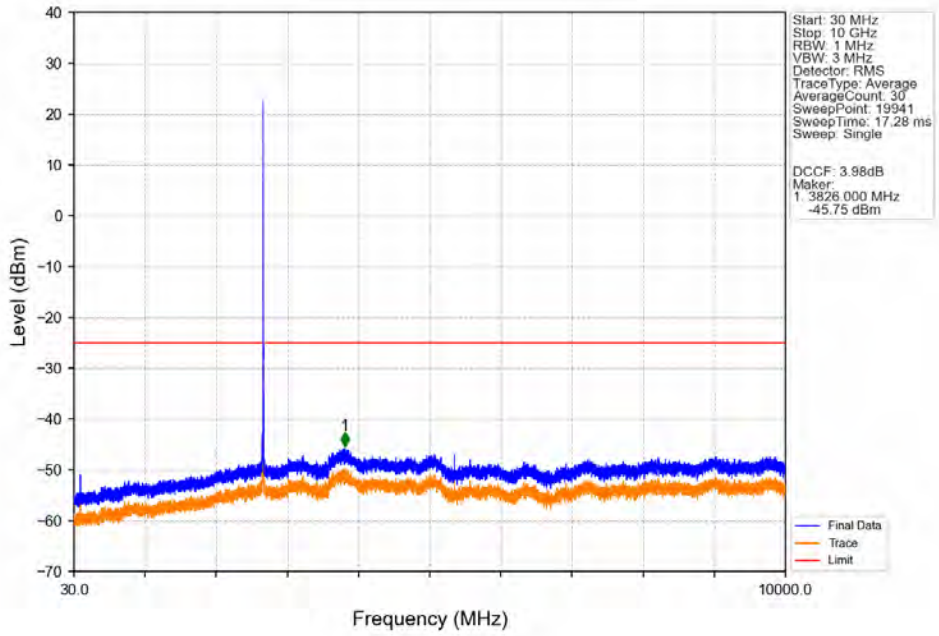
Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



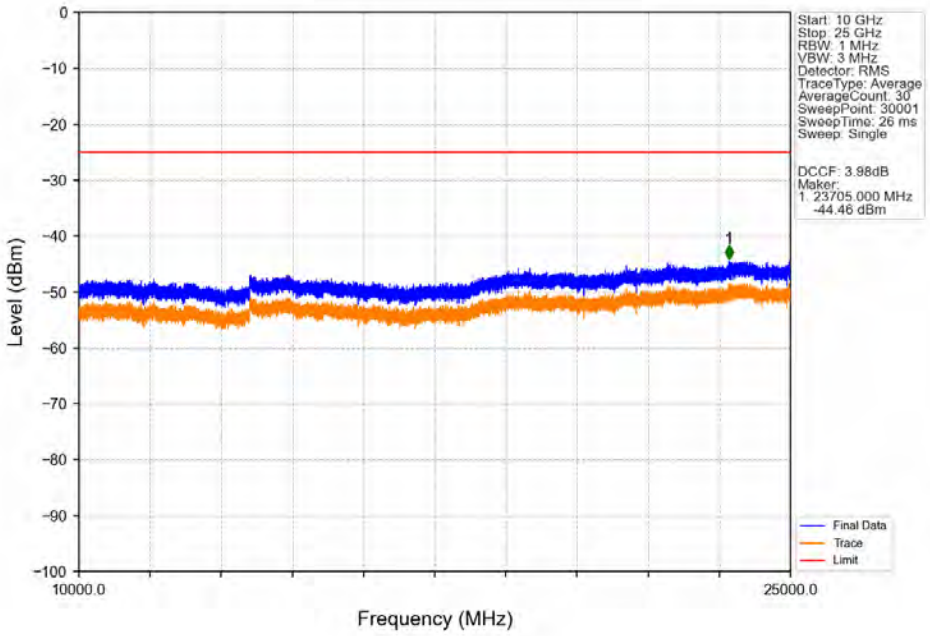
Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



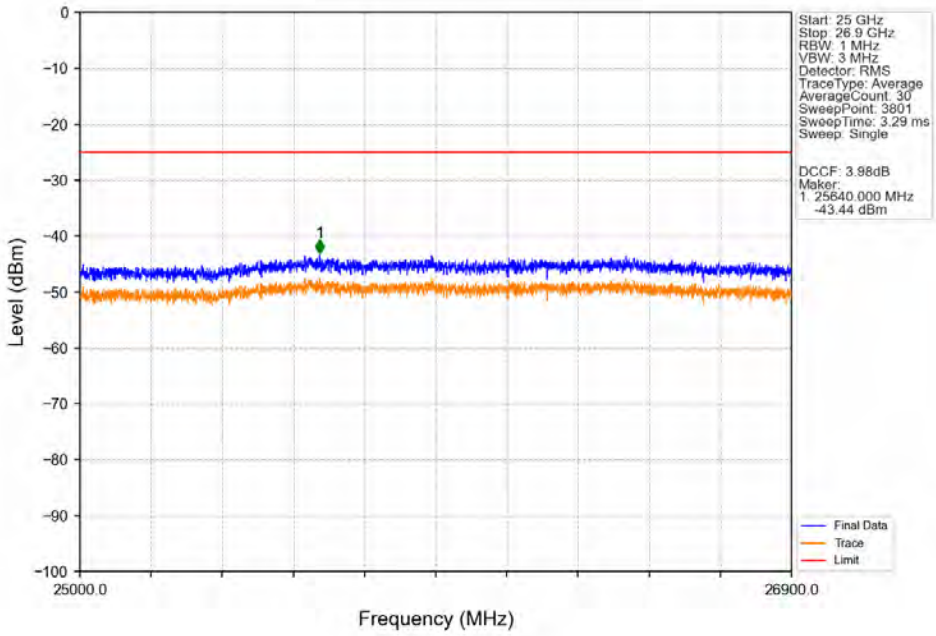
Band41_10MHz_64QAM_HCH_2685MHz_RB_1_0_NTNV



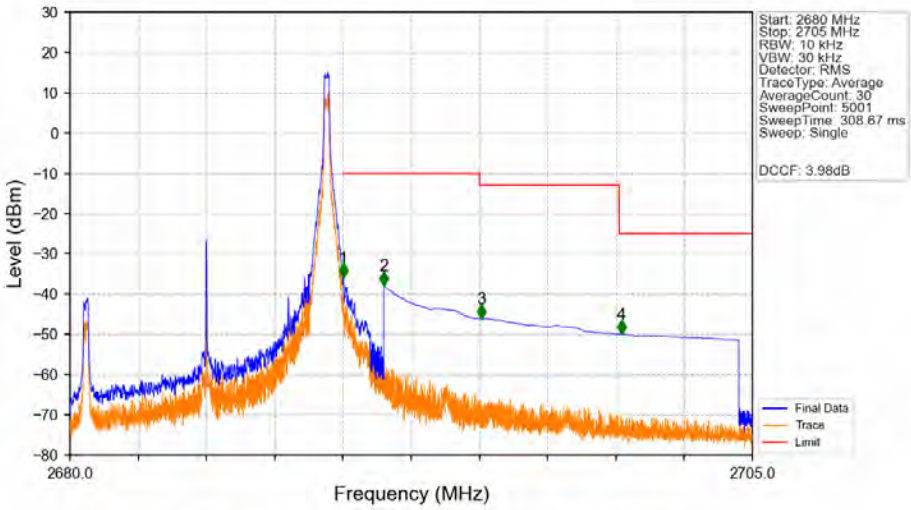
Band41_10MHz_64QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_64QAM_HCH_2685MHz_RB_1_0_NTNV

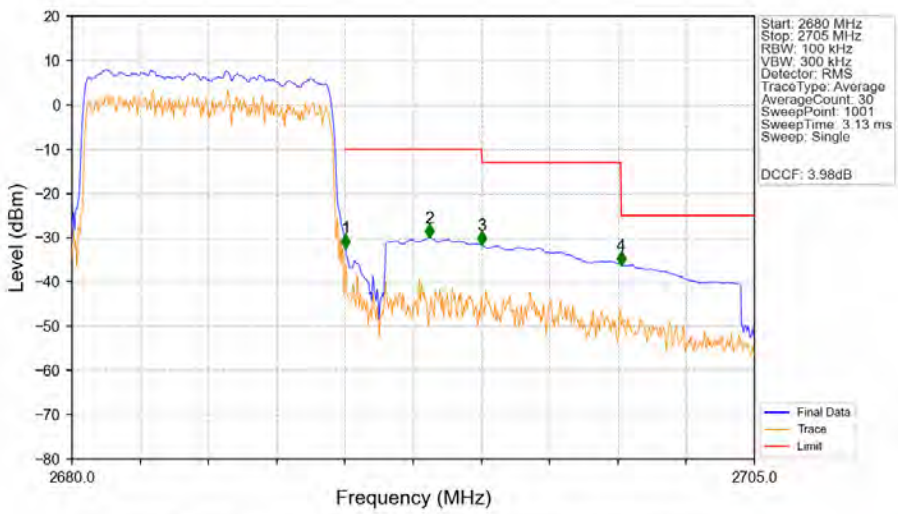


Band41_10MHz_64QAM_HCH_2685MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.015	-35.95	-10	Pass
2691	2695	1	CHP	2	2691.500	-37.86	-10	Pass
2695	2700.116	1	CHP	3	2695.060	-46.01	-13	Pass
2700.116	2705	1	CHP	4	2700.210	-49.90	-25	Pass

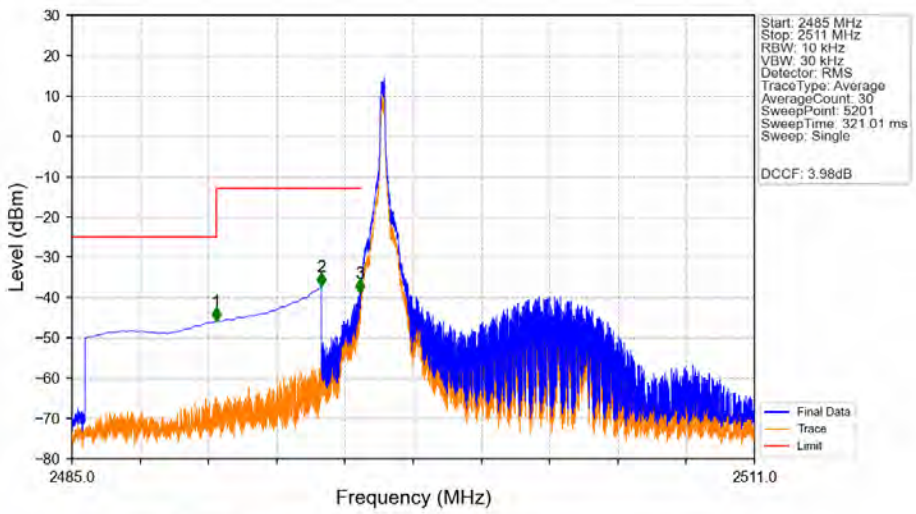
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.202	CHP	/	/	/	/	/
2690	2691	0.202	CHP	1	2690.025	-32.31	-10	Pass
2691	2695	1	CHP	2	2693.100	-30.12	-10	Pass
2695	2700.116	1	CHP	3	2695.025	-31.69	-13	Pass
2700.116	2705	1	CHP	4	2700.125	-36.18	-25	Pass

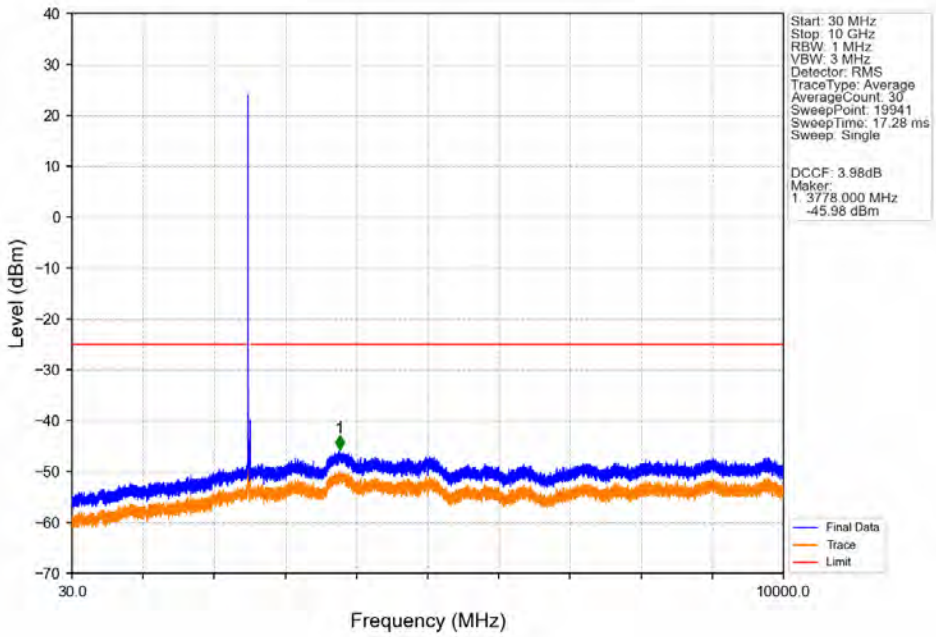
5.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

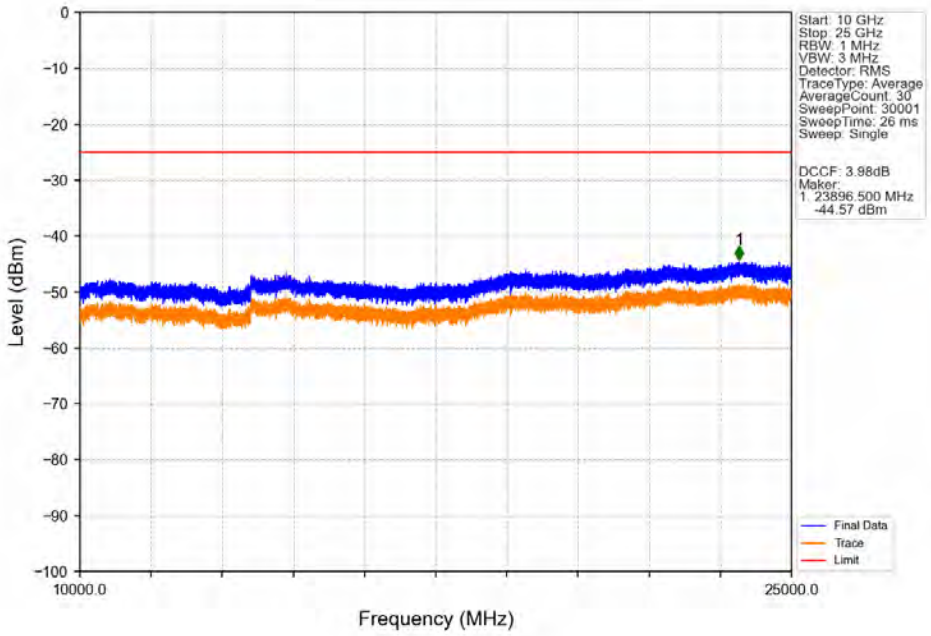
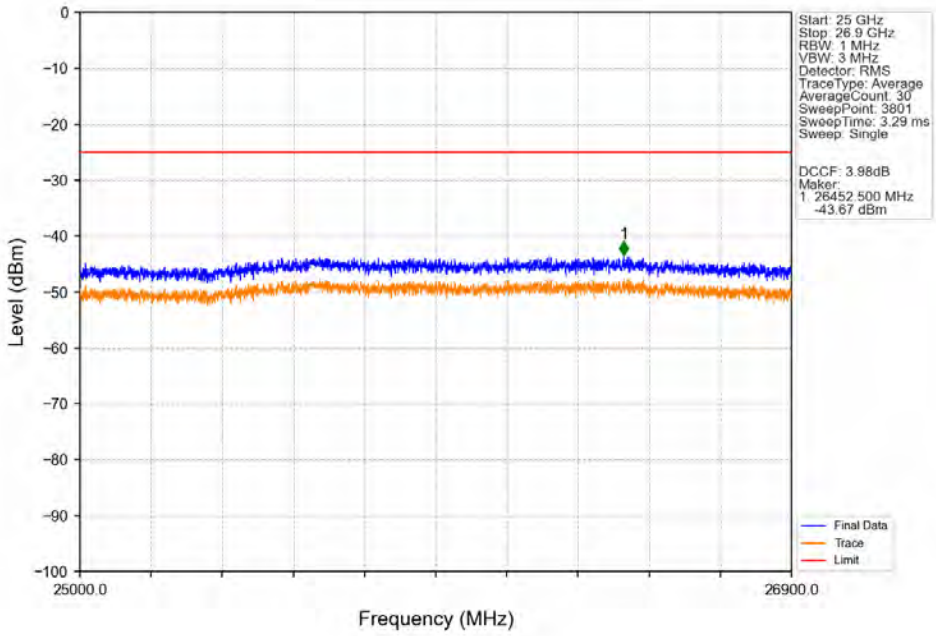


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-45.83	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-37.29	-13	Pass
2495	2496	0.01	/	3	2495.980	-38.86	-13	Pass
2496	2511	0.01	/	/	/	/	/	/

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