1. Effective (Isotropic) Radiated Power Output Data

1.1 B41_5MHz_EIRP

1.1.1 Test Result

Band: 41 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	23.82	3.07	26.89	<=33.01	Pass
			13	23.79	3.07	26.86	<=33.01	Pass
			24	23.83	3.07	26.90	<=33.01	Pass
		12	0	22.89	3.07	25.96	<=33.01	Pass
			6	22.85	3.07	25.92	<=33.01	Pass
			13	22.82	3.07	25.89	<=33.01	Pass
		25	0	22.82	3.07	25.89	<=33.01	Pass
	2593	1	0	23.70	3.07	26.77	<=33.01	Pass
			13	23.87	3.07	26.94	<=33.01	Pass
			24	23.69	3.07	26.76	<=33.01	Pass
		12	0	22.68	3.07	25.75	<=33.01	Pass
			6	22.68	3.07	25.75	<=33.01	Pass
			13	22.69	3.07	25.76	<=33.01	Pass
		25	0	22.63	3.07	25.70	<=33.01	Pass
	2687.5	1	0	23.24	3.07	26.31	<=33.01	Pass
			13	23.25	3.07	26.32	<=33.01	Pass
			24	23.13	3.07	26.20	<=33.01	Pass
		12	0	22.14	3.07	25.21	<=33.01	Pass
			6	22.19	3.07	25.26	<=33.01	Pass
			13	22.15	3.07	25.22	<=33.01	Pass
		25	0	22.18	3.07	25.25	<=33.01	Pass
16QAM	2498.5	1	0	23.14	3.07	26.21	<=33.01	Pass
			13	23.17	3.07	26.24	<=33.01	Pass
			24	23.09	3.07	26.16	<=33.01	Pass
		12	0	21.98	3.07	25.05	<=33.01	Pass
			6	21.88	3.07	24.95	<=33.01	Pass
			13	21.84	3.07	24.91	<=33.01	Pass
		25	0	21.89	3.07	24.96	<=33.01	Pass
	2593	1	0	23.03	3.07	26.10	<=33.01	Pass
			13	23.16	3.07	26.23	<=33.01	Pass
			24	22.85	3.07	25.92	<=33.01	Pass
		12	0	21.73	3.07	24.80	<=33.01	Pass
			6	21.72	3.07	24.79	<=33.01	Pass
			13	21.82	3.07	24.89	<=33.01	Pass
		25	0	21.71	3.07	24.78	<=33.01	Pass
	2687.5	1	0	22.48	3.07	25.55	<=33.01	Pass
			13	22.55	3.07	25.62	<=33.01	Pass
			24	22.28	3.07	25.35	<=33.01	Pass
		12	0	21.22	3.07	24.29	<=33.01	Pass
			6	21.30	3.07	24.37	<=33.01	Pass
			13	21.30	3.07	24.37	<=33.01	Pass
		25	0	21.27	3.07	24.34	<=33.01	Pass
64QAM	2498.5	1	0	23.06	3.07	26.13	<=33.01	Pass
			13	23.02	3.07	26.09	<=33.01	Pass
			24	22.93	3.07	26.00	<=33.01	Pass
		12	0	21.96	3.07	25.03	<=33.01	Pass

			6	21.95	3.07	25.02	<=33.01	Pass
			13	21.92	3.07	24.99	<=33.01	Pass
		25	0	21.88	3.07	24.95	<=33.01	Pass
	2593	1	0	22.79	3.07	25.86	<=33.01	Pass
			13	22.85	3.07	25.92	<=33.01	Pass
			24	22.72	3.07	25.79	<=33.01	Pass
		12	0	21.71	3.07	24.78	<=33.01	Pass
			6	21.83	3.07	24.90	<=33.01	Pass
			13	21.76	3.07	24.83	<=33.01	Pass
		25	0	21.69	3.07	24.76	<=33.01	Pass
	2687.5	1	0	22.32	3.07	25.39	<=33.01	Pass
			13	22.16	3.07	25.23	<=33.01	Pass
			24	22.11	3.07	25.18	<=33.01	Pass
		12	0	21.13	3.07	24.20	<=33.01	Pass
			6	21.25	3.07	24.32	<=33.01	Pass
			13	21.22	3.07	24.29	<=33.01	Pass
		25	0	21.22	3.07	24.29	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B41_10MHz_EIRP

1.2.1 Test Result

Band: 41 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2501	1	0	23.82	3.07	26.89	<=33.01	Pass
			25	23.80	3.07	26.87	<=33.01	Pass
			49	23.79	3.07	26.86	<=33.01	Pass
		25	0	22.93	3.07	26.00	<=33.01	Pass
			13	22.89	3.07	25.96	<=33.01	Pass
			25	22.88	3.07	25.95	<=33.01	Pass
		50	0	22.87	3.07	25.94	<=33.01	Pass
	2593	1	0	23.88	3.07	26.95	<=33.01	Pass
			25	23.92	3.07	26.99	<=33.01	Pass
			49	23.66	3.07	26.73	<=33.01	Pass
		25	0	22.78	3.07	25.85	<=33.01	Pass
			13	22.73	3.07	25.80	<=33.01	Pass
			25	22.76	3.07	25.83	<=33.01	Pass
		50	0	22.72	3.07	25.79	<=33.01	Pass
	2685	1	0	23.42	3.07	26.49	<=33.01	Pass
			25	23.35	3.07	26.42	<=33.01	Pass
			49	23.15	3.07	26.22	<=33.01	Pass
		25	0	22.28	3.07	25.35	<=33.01	Pass
			13	22.28	3.07	25.35	<=33.01	Pass
			25	22.22	3.07	25.29	<=33.01	Pass
		50	0	22.21	3.07	25.28	<=33.01	Pass
16QAM	2501	1	0	23.24	3.07	26.31	<=33.01	Pass
			25	23.15	3.07	26.22	<=33.01	Pass
			49	23.26	3.07	26.33	<=33.01	Pass
		25	0	21.98	3.07	25.05	<=33.01	Pass
			13	21.93	3.07	25.00	<=33.01	Pass
			25	21.95	3.07	25.02	<=33.01	Pass
		50	0	21.94	3.07	25.01	<=33.01	Pass

	2593	1	0	23.05	3.07	26.12	<=33.01	Pass
			25	23.15	3.07	26.22	<=33.01	Pass
			49	23.06	3.07	26.13	<=33.01	Pass
		25	0	21.75	3.07	24.82	<=33.01	Pass
			13	21.77	3.07	24.84	<=33.01	Pass
			25	21.69	3.07	24.76	<=33.01	Pass
		50	0	21.69	3.07	24.76	<=33.01	Pass
	2685	1	0	22.55	3.07	25.62	<=33.01	Pass
			25	22.54	3.07	25.61	<=33.01	Pass
			49	22.47	3.07	25.54	<=33.01	Pass
		25	0	21.30	3.07	24.37	<=33.01	Pass
			13	21.31	3.07	24.38	<=33.01	Pass
			25	21.24	3.07	24.31	<=33.01	Pass
		50	0	21.20	3.07	24.27	<=33.01	Pass
64QAM	2501	1	0	22.94	3.07	26.01	<=33.01	Pass
			25	23.18	3.07	26.25	<=33.01	Pass
			49	22.97	3.07	26.04	<=33.01	Pass
		25	0	21.99	3.07	25.06	<=33.01	Pass
			13	21.99	3.07	25.06	<=33.01	Pass
			25	21.87	3.07	24.94	<=33.01	Pass
		50	0	21.89	3.07	24.96	<=33.01	Pass
	2593	1	0	22.77	3.07	25.84	<=33.01	Pass
			25	22.79	3.07	25.86	<=33.01	Pass
			49	22.73	3.07	25.80	<=33.01	Pass
		25	0	21.73	3.07	24.80	<=33.01	Pass
			13	21.73	3.07	24.80	<=33.01	Pass
			25	21.78	3.07	24.85	<=33.01	Pass
		50	0	21.72	3.07	24.79	<=33.01	Pass
	2685	1	0	22.36	3.07	25.43	<=33.01	Pass
			25	22.37	3.07	25.44	<=33.01	Pass
			49	22.22	3.07	25.29	<=33.01	Pass
		25	0	21.29	3.07	24.36	<=33.01	Pass
			13	21.29	3.07	24.36	<=33.01	Pass
			25	21.24	3.07	24.31	<=33.01	Pass
		50	0	21.17	3.07	24.24	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B41_15MHz_EIRP

1.3.1 Test Result

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.87	3.07	26.94	<=33.01	Pass
			38	23.79	3.07	26.86	<=33.01	Pass
			74	23.76	3.07	26.83	<=33.01	Pass
		36	0	22.95	3.07	26.02	<=33.01	Pass
			18	22.88	3.07	25.95	<=33.01	Pass
			39	22.82	3.07	25.89	<=33.01	Pass
		75	0	22.89	3.07	25.96	<=33.01	Pass
	2593	1	0	23.85	3.07	26.92	<=33.01	Pass
			38	23.96	3.07	27.03	<=33.01	Pass
			74	23.63	3.07	26.70	<=33.01	Pass

		36	0	22.71	3.07	25.78	<=33.01	Pass
			18	22.67	3.07	25.74	<=33.01	Pass
			39	22.69	3.07	25.76	<=33.01	Pass
		75	0	22.67	3.07	25.74	<=33.01	Pass
	2682.5	1	0	23.34	3.07	26.41	<=33.01	Pass
			38	23.46	3.07	26.53	<=33.01	Pass
			74	23.20	3.07	26.27	<=33.01	Pass
		36	0	22.22	3.07	25.29	<=33.01	Pass
			18	22.26	3.07	25.33	<=33.01	Pass
			39	22.17	3.07	25.24	<=33.01	Pass
		75	0	22.27	3.07	25.34	<=33.01	Pass
16QAM	2503.5	1	0	23.15	3.07	26.22	<=33.01	Pass
			38	23.21	3.07	26.28	<=33.01	Pass
			74	23.15	3.07	26.22	<=33.01	Pass
		36	0	21.96	3.07	25.03	<=33.01	Pass
			18	21.93	3.07	25.00	<=33.01	Pass
			39	21.87	3.07	24.94	<=33.01	Pass
		75	0	21.85	3.07	24.92	<=33.01	Pass
	2593	1	0	23.17	3.07	26.24	<=33.01	Pass
			38	23.02	3.07	26.09	<=33.01	Pass
			74	22.86	3.07	25.93	<=33.01	Pass
		36	0	21.72	3.07	24.79	<=33.01	Pass
			18	21.78	3.07	24.85	<=33.01	Pass
			39	21.70	3.07	24.77	<=33.01	Pass
		75	0	21.66	3.07	24.73	<=33.01	Pass
	2682.5	1	0	22.67	3.07	25.74	<=33.01	Pass
			38	22.48	3.07	25.55	<=33.01	Pass
			74	22.34	3.07	25.41	<=33.01	Pass
		36	0	21.28	3.07	24.35	<=33.01	Pass
			18	21.24	3.07	24.31	<=33.01	Pass
			39	21.19	3.07	24.26	<=33.01	Pass
		75	0	21.26	3.07	24.33	<=33.01	Pass
64QAM	2503.5	1	0	22.96	3.07	26.03	<=33.01	Pass
			38	23.07	3.07	26.14	<=33.01	Pass
			74	22.91	3.07	25.98	<=33.01	Pass
		36	0	21.99	3.07	25.06	<=33.01	Pass
			18	21.89	3.07	24.96	<=33.01	Pass
			39	21.88	3.07	24.95	<=33.01	Pass
		75	0	21.82	3.07	24.89	<=33.01	Pass
	2593	1	0	23.05	3.07	26.12	<=33.01	Pass
			38	22.97	3.07	26.04	<=33.01	Pass
			74	22.66	3.07	25.73	<=33.01	Pass
		36	0	21.74	3.07	24.81	<=33.01	Pass
			18	21.73	3.07	24.80	<=33.01	Pass
			39	21.68	3.07	24.75	<=33.01	Pass
		75	0	21.69	3.07	24.76	<=33.01	Pass
	2682.5	1	0	22.41	3.07	25.48	<=33.01	Pass
			38	22.28	3.07	25.35	<=33.01	Pass
			74	22.10	3.07	25.17	<=33.01	Pass
		36	0	21.27	3.07	24.34	<=33.01	Pass
			18	21.27	3.07	24.34	<=33.01	Pass
			39	21.20	3.07	24.27	<=33.01	Pass
		75	0	21.25	3.07	24.32	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B41_20MHz_EIRP

1.4.1 Test Result

Band: 41 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2506	1	0	23.78	3.07	26.85	<=33.01	Pass
			50	23.91	3.07	26.98	<=33.01	Pass
			99	23.73	3.07	26.80	<=33.01	Pass
		50	0	22.92	3.07	25.99	<=33.01	Pass
			25	22.91	3.07	25.98	<=33.01	Pass
			50	22.84	3.07	25.91	<=33.01	Pass
		100	0	22.92	3.07	25.99	<=33.01	Pass
	2593	1	0	23.87	3.07	26.94	<=33.01	Pass
			50	24.00	3.07	27.07	<=33.01	Pass
			99	23.76	3.07	26.83	<=33.01	Pass
		50	0	22.80	3.07	25.87	<=33.01	Pass
			25	22.71	3.07	25.78	<=33.01	Pass
			50	22.71	3.07	25.78	<=33.01	Pass
		100	0	22.68	3.07	25.75	<=33.01	Pass
	2680	1	0	23.68	3.07	26.75	<=33.01	Pass
			50	23.24	3.07	26.31	<=33.01	Pass
			99	22.96	3.07	26.03	<=33.01	Pass
		50	0	22.30	3.07	25.37	<=33.01	Pass
			25	22.24	3.07	25.31	<=33.01	Pass
			50	22.17	3.07	25.24	<=33.01	Pass
		100	0	22.20	3.07	25.27	<=33.01	Pass
16QAM	2506	1	0	23.13	3.07	26.20	<=33.01	Pass
			50	23.18	3.07	26.25	<=33.01	Pass
			99	23.09	3.07	26.16	<=33.01	Pass
		50	0	21.91	3.07	24.98	<=33.01	Pass
			25	22.02	3.07	25.09	<=33.01	Pass
			50	21.79	3.07	24.86	<=33.01	Pass
		100	0	21.92	3.07	24.99	<=33.01	Pass
	2593	1	0	22.98	3.07	26.05	<=33.01	Pass
			50	23.03	3.07	26.10	<=33.01	Pass
			99	22.80	3.07	25.87	<=33.01	Pass
		50	0	21.78	3.07	24.85	<=33.01	Pass
			25	21.72	3.07	24.79	<=33.01	Pass
			50	21.73	3.07	24.80	<=33.01	Pass
		100	0	21.69	3.07	24.76	<=33.01	Pass
	2680	1	0	22.71	3.07	25.78	<=33.01	Pass
			50	22.54	3.07	25.61	<=33.01	Pass
			99	22.33	3.07	25.40	<=33.01	Pass
		50	0	21.32	3.07	24.39	<=33.01	Pass
			25	21.23	3.07	24.30	<=33.01	Pass
			50	21.17	3.07	24.24	<=33.01	Pass
		100	0	21.17	3.07	24.24	<=33.01	Pass
64QAM	2506	1	0	22.95	3.07	26.02	<=33.01	Pass
			50	23.07	3.07	26.14	<=33.01	Pass
			99	22.81	3.07	25.88	<=33.01	Pass
		50	0	21.92	3.07	24.99	<=33.01	Pass
			25	21.98	3.07	25.05	<=33.01	Pass
			50	21.80	3.07	24.87	<=33.01	Pass
		100	0	21.90	3.07	24.97	<=33.01	Pass

	2593	1	0	22.92	3.07	25.99	<=33.01	Pass
			50	22.87	3.07	25.94	<=33.01	Pass
			99	22.59	3.07	25.66	<=33.01	Pass
		50	0	21.70	3.07	24.77	<=33.01	Pass
			25	21.72	3.07	24.79	<=33.01	Pass
			50	21.66	3.07	24.73	<=33.01	Pass
		100	0	21.66	3.07	24.73	<=33.01	Pass
	2680	1	0	22.54	3.07	25.61	<=33.01	Pass
			50	22.30	3.07	25.37	<=33.01	Pass
			99	22.15	3.07	25.22	<=33.01	Pass
		50	0	21.29	3.07	24.36	<=33.01	Pass
			25	21.18	3.07	24.25	<=33.01	Pass
			50	21.19	3.07	24.26	<=33.01	Pass
		100	0	21.23	3.07	24.30	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B41_5MHz

2.1.1 Test Result

Band: 41 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2498.5	25	0	20	3.27	-2.000	-0.0008	-2.5 to 2.5	Pass
					3.85	2.200	0.0009	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.200	0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	-1.900	-0.0008	-2.5 to 2.5	Pass
				10	3.85	1.900	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.600	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.200	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.700	0.0011	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	2.700	0.0010	-2.5 to 2.5	Pass
					3.85	2.600	0.0010	-2.5 to 2.5	Pass
					4.43	2.200	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.600	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	2.000	0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.200	-0.0005	-2.5 to 2.5	Pass
				0	3.85	3.100	0.0012	-2.5 to 2.5	Pass
				10	3.85	1.300	0.0005	-2.5 to 2.5	Pass
				30	3.85	1.500	0.0006	-2.5 to 2.5	Pass
				40	3.85	-1.200	-0.0005	-2.5 to 2.5	Pass
				50	3.85	1.500	0.0006	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-0.800	-0.0003	-2.5 to 2.5	Pass
					3.85	0.100	0.0000	-2.5 to 2.5	Pass
					4.43	-5.000	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-1.400	-0.0005	-2.5 to 2.5	Pass
				-20	3.85	-3.600	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.200	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.200	-0.0004	-2.5 to 2.5	Pass

				10	3.85	-0.900	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.000	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				50	3.85	-4.400	-0.0016	-2.5 to 2.5	Pass
16QAM	2498.5	25	0	20	3.27	0.000	0.0000	-2.5 to 2.5	Pass
					3.85	-0.100	0.0000	-2.5 to 2.5	Pass
					4.43	3.500	0.0014	-2.5 to 2.5	Pass
				-30	3.85	0.900	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				-10	3.85	2.200	0.0009	-2.5 to 2.5	Pass
				0	3.85	0.500	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.800	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.600	0.0006	-2.5 to 2.5	Pass
				40	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.700	0.0011	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	2.800	0.0011	-2.5 to 2.5	Pass
					3.85	4.100	0.0016	-2.5 to 2.5	Pass
					4.43	2.300	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.600	0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.600	0.0010	-2.5 to 2.5	Pass
				-10	3.85	3.600	0.0014	-2.5 to 2.5	Pass
				0	3.85	3.000	0.0012	-2.5 to 2.5	Pass
				10	3.85	2.100	0.0008	-2.5 to 2.5	Pass
				30	3.85	2.400	0.0009	-2.5 to 2.5	Pass
				40	3.85	4.100	0.0016	-2.5 to 2.5	Pass
				50	3.85	1.100	0.0004	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-0.600	-0.0002	-2.5 to 2.5	Pass
					3.85	-2.200	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-1.100	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.700	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.200	0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.800	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-3.100	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.400	0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.900	-0.0003	-2.5 to 2.5	Pass
64QAM	2498.5	25	0	20	3.27	-18.800	-0.0075	-2.5 to 2.5	Pass
					3.85	-17.800	-0.0071	-2.5 to 2.5	Pass
					4.43	-13.600	-0.0054	-2.5 to 2.5	Pass
				-30	3.85	33.200	0.0133	-2.5 to 2.5	Pass
				-20	3.85	-24.900	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-23.500	-0.0094	-2.5 to 2.5	Pass
				0	3.85	-4.700	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-15.500	-0.0062	-2.5 to 2.5	Pass
				30	3.85	9.500	0.0038	-2.5 to 2.5	Pass
				40	3.85	-45.700	-0.0183	-2.5 to 2.5	Pass
				50	3.85	-9.600	-0.0038	-2.5 to 2.5	Pass
	2593	25	0	20	3.27	-23.800	-0.0092	-2.5 to 2.5	Pass
					3.85	2.800	0.0011	-2.5 to 2.5	Pass
					4.43	-24.000	-0.0093	-2.5 to 2.5	Pass
				-30	3.85	-17.700	-0.0068	-2.5 to 2.5	Pass
				-20	3.85	-39.700	-0.0153	-2.5 to 2.5	Pass
				-10	3.85	33.800	0.0130	-2.5 to 2.5	Pass
				0	3.85	12.800	0.0049	-2.5 to 2.5	Pass
				10	3.85	-12.600	-0.0049	-2.5 to 2.5	Pass

				30	3.85	9.000	0.0035	-2.5 to 2.5	Pass
				40	3.85	2.700	0.0010	-2.5 to 2.5	Pass
				50	3.85	-41.000	-0.0158	-2.5 to 2.5	Pass
	2687.5	25	0	20	3.27	-16.000	-0.0060	-2.5 to 2.5	Pass
					3.85	12.300	0.0046	-2.5 to 2.5	Pass
					4.43	-37.700	-0.0140	-2.5 to 2.5	Pass
				-30	3.85	-17.500	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	11.600	0.0043	-2.5 to 2.5	Pass
				-10	3.85	-16.000	-0.0060	-2.5 to 2.5	Pass
				0	3.85	-28.900	-0.0108	-2.5 to 2.5	Pass
				10	3.85	-33.800	-0.0126	-2.5 to 2.5	Pass
				30	3.85	-32.300	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-21.700	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-29.200	-0.0109	-2.5 to 2.5	Pass

2.2 B41_10MHz

2.2.1 Test Result

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2501	50	0	20	3.27	-0.100	0.0000	-2.5 to 2.5	Pass
					3.85	-1.500	-0.0006	-2.5 to 2.5	Pass
					4.43	-0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.400	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.000	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.500	-0.0002	-2.5 to 2.5	Pass
				40	3.85	2.400	0.0010	-2.5 to 2.5	Pass
				50	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	4.700	0.0018	-2.5 to 2.5	Pass
					3.85	2.500	0.0010	-2.5 to 2.5	Pass
					4.43	3.700	0.0014	-2.5 to 2.5	Pass
				-30	3.85	2.900	0.0011	-2.5 to 2.5	Pass
				-20	3.85	3.200	0.0012	-2.5 to 2.5	Pass
				-10	3.85	3.500	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.700	0.0010	-2.5 to 2.5	Pass
				10	3.85	4.500	0.0017	-2.5 to 2.5	Pass
				30	3.85	2.600	0.0010	-2.5 to 2.5	Pass
				40	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.85	1.000	0.0004	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	1.800	0.0007	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.500	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.500	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.800	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.500	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-3.100	-0.0012	-2.5 to 2.5	Pass

				50	3.85	-0.900	-0.0003	-2.5 to 2.5	Pass
16QAM	2501	50	0	20	3.27	-0.300	-0.0001	-2.5 to 2.5	Pass
					3.85	1.400	0.0006	-2.5 to 2.5	Pass
					4.43	-0.800	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.600	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-1.400	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-1.100	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-2.700	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.800	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-1.800	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-4.200	-0.0017	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	5.200	0.0020	-2.5 to 2.5	Pass
					3.85	1.800	0.0007	-2.5 to 2.5	Pass
					4.43	3.800	0.0015	-2.5 to 2.5	Pass
				-30	3.85	0.800	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.300	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.700	0.0003	-2.5 to 2.5	Pass
				10	3.85	2.700	0.0010	-2.5 to 2.5	Pass
				30	3.85	2.100	0.0008	-2.5 to 2.5	Pass
				40	3.85	0.900	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.600	0.0010	-2.5 to 2.5	Pass
	2685	50	0	20	3.27	-1.400	-0.0005	-2.5 to 2.5	Pass
					3.85	-1.700	-0.0006	-2.5 to 2.5	Pass
					4.43	-3.000	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.500	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-2.500	-0.0009	-2.5 to 2.5	Pass
				0	3.85	0.100	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.800	-0.0007	-2.5 to 2.5	Pass
				30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				40	3.85	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
64QAM	2501	50	0	20	3.27	3.400	0.0014	-2.5 to 2.5	Pass
					3.85	-14.500	-0.0058	-2.5 to 2.5	Pass
					4.43	32.600	0.0130	-2.5 to 2.5	Pass
				-30	3.85	-15.500	-0.0062	-2.5 to 2.5	Pass
				-20	3.85	44.200	0.0177	-2.5 to 2.5	Pass
				-10	3.85	3.500	0.0014	-2.5 to 2.5	Pass
				0	3.85	-16.700	-0.0067	-2.5 to 2.5	Pass
				10	3.85	-7.500	-0.0030	-2.5 to 2.5	Pass
				30	3.85	7.700	0.0031	-2.5 to 2.5	Pass
				40	3.85	7.900	0.0032	-2.5 to 2.5	Pass
				50	3.85	8.700	0.0035	-2.5 to 2.5	Pass
	2593	50	0	20	3.27	19.100	0.0074	-2.5 to 2.5	Pass
					3.85	21.800	0.0084	-2.5 to 2.5	Pass
					4.43	11.100	0.0043	-2.5 to 2.5	Pass
				-30	3.85	-3.600	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-13.400	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	5.500	0.0021	-2.5 to 2.5	Pass
				0	3.85	1.100	0.0004	-2.5 to 2.5	Pass
				10	3.85	-20.200	-0.0078	-2.5 to 2.5	Pass
				30	3.85	-13.900	-0.0054	-2.5 to 2.5	Pass
				40	3.85	6.000	0.0023	-2.5 to 2.5	Pass
				50	3.85	-14.800	-0.0057	-2.5 to 2.5	Pass

	2685	50	0	20	3.27	-16.300	-0.0061	-2.5 to 2.5	Pass
					3.85	-4.400	-0.0016	-2.5 to 2.5	Pass
					4.43	9.800	0.0036	-2.5 to 2.5	Pass
				-30	3.85	-29.000	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-14.000	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-12.800	-0.0048	-2.5 to 2.5	Pass
				0	3.85	8.100	0.0030	-2.5 to 2.5	Pass
				10	3.85	-3.600	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-1.200	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-8.600	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-5.400	-0.0020	-2.5 to 2.5	Pass

2.3 B41_15MHz

2.3.1 Test Result

Band: 41 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2503.5	75	0	20	3.27	-1.800	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.800	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.400	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	1.900	0.0008	-2.5 to 2.5	Pass
				0	3.85	-1.100	-0.0004	-2.5 to 2.5	Pass
				10	3.85	1.200	0.0005	-2.5 to 2.5	Pass
				30	3.85	-1.200	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.500	-0.0002	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	0.300	0.0001	-2.5 to 2.5	Pass
					3.85	1.300	0.0005	-2.5 to 2.5	Pass
					4.43	1.400	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.200	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.100	0.0012	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.900	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.400	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.500	0.0002	-2.5 to 2.5	Pass
				50	3.85	2.900	0.0011	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-2.100	-0.0008	-2.5 to 2.5	Pass
					3.85	-3.200	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.500	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-2.100	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-2.000	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.000	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-3.500	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-2.000	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-2.500	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-5.200	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-2.800	-0.0010	-2.5 to 2.5	Pass
16QAM	2503.5	75	0	20	3.27	-2.200	-0.0009	-2.5 to 2.5	Pass
					3.85	0.000	0.0000	-2.5 to 2.5	Pass

					4.43	0.800	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-3.600	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				0	3.85	1.100	0.0004	-2.5 to 2.5	Pass
				10	3.85	-1.500	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.900	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0000	-2.5 to 2.5	Pass
				50	3.85	0.000	0.0000	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	3.000	0.0012	-2.5 to 2.5	Pass
					3.85	-1.100	-0.0004	-2.5 to 2.5	Pass
					4.43	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.300	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	2.800	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.85	1.200	0.0005	-2.5 to 2.5	Pass
				10	3.85	1.000	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.85	3.500	0.0013	-2.5 to 2.5	Pass
				50	3.85	3.300	0.0013	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-3.600	-0.0013	-2.5 to 2.5	Pass
					3.85	-2.200	-0.0008	-2.5 to 2.5	Pass
					4.43	-4.100	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.800	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-2.100	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-4.600	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-4.000	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-4.200	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-4.100	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-6.400	-0.0024	-2.5 to 2.5	Pass
				50	3.85	-2.800	-0.0010	-2.5 to 2.5	Pass
64QAM	2503.5	75	0	20	3.27	-9.800	-0.0039	-2.5 to 2.5	Pass
					3.85	-2.300	-0.0009	-2.5 to 2.5	Pass
					4.43	-5.700	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	12.000	0.0048	-2.5 to 2.5	Pass
				-20	3.85	17.200	0.0069	-2.5 to 2.5	Pass
				-10	3.85	-12.700	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-19.700	-0.0079	-2.5 to 2.5	Pass
				10	3.85	15.800	0.0063	-2.5 to 2.5	Pass
				30	3.85	11.400	0.0046	-2.5 to 2.5	Pass
				40	3.85	-6.100	-0.0024	-2.5 to 2.5	Pass
				50	3.85	16.900	0.0068	-2.5 to 2.5	Pass
	2593	75	0	20	3.27	9.400	0.0036	-2.5 to 2.5	Pass
					3.85	-19.000	-0.0073	-2.5 to 2.5	Pass
					4.43	-10.000	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	2.800	0.0011	-2.5 to 2.5	Pass
				-20	3.85	1.200	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.300	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-7.700	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-4.100	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-2.200	-0.0008	-2.5 to 2.5	Pass
				40	3.85	9.400	0.0036	-2.5 to 2.5	Pass
				50	3.85	-8.800	-0.0034	-2.5 to 2.5	Pass
	2682.5	75	0	20	3.27	-5.200	-0.0019	-2.5 to 2.5	Pass
					3.85	-5.300	-0.0020	-2.5 to 2.5	Pass
					4.43	-20.400	-0.0076	-2.5 to 2.5	Pass

				-30	3.85	5.300	0.0020	-2.5 to 2.5	Pass
				-20	3.85	-18.700	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-11.200	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-2.300	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-21.300	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-17.700	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-0.400	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-14.600	-0.0054	-2.5 to 2.5	Pass

2.4 B41_20MHz

2.4.1 Test Result

Band: 41 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2506	100	0	20	3.27	0.800	0.0003	-2.5 to 2.5	Pass
					3.85	0.600	0.0002	-2.5 to 2.5	Pass
					4.43	0.600	0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.800	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.500	0.0010	-2.5 to 2.5	Pass
				0	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				10	3.85	-1.100	-0.0004	-2.5 to 2.5	Pass
				30	3.85	0.700	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.300	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.200	0.0005	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	2.200	0.0008	-2.5 to 2.5	Pass
					3.85	2.100	0.0008	-2.5 to 2.5	Pass
					4.43	1.700	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	2.300	0.0009	-2.5 to 2.5	Pass
				-10	3.85	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.85	4.100	0.0016	-2.5 to 2.5	Pass
				10	3.85	1.700	0.0007	-2.5 to 2.5	Pass
				30	3.85	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.400	0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-2.200	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.43	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.200	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	1.400	0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.800	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-1.900	-0.0007	-2.5 to 2.5	Pass
				40	3.85	1.300	0.0005	-2.5 to 2.5	Pass
				50	3.85	0.300	0.0001	-2.5 to 2.5	Pass
16QAM	2506	100	0	20	3.27	1.600	0.0006	-2.5 to 2.5	Pass
					3.85	0.800	0.0003	-2.5 to 2.5	Pass
					4.43	2.000	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.400	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass

				-10	3.85	0.900	0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.200	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.300	0.0005	-2.5 to 2.5	Pass
				50	3.85	1.900	0.0008	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	1.900	0.0007	-2.5 to 2.5	Pass
					3.85	2.600	0.0010	-2.5 to 2.5	Pass
					4.43	0.500	0.0002	-2.5 to 2.5	Pass
				-30	3.85	2.100	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	4.400	0.0017	-2.5 to 2.5	Pass
				0	3.85	-1.200	-0.0005	-2.5 to 2.5	Pass
				10	3.85	1.700	0.0007	-2.5 to 2.5	Pass
				30	3.85	-1.300	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.800	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.400	0.0005	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	0.100	0.0000	-2.5 to 2.5	Pass
					3.85	-2.300	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.900	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.800	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.800	0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-3.000	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
64QAM	2506	100	0	20	3.27	3.500	0.0014	-2.5 to 2.5	Pass
					3.85	-6.500	-0.0026	-2.5 to 2.5	Pass
					4.43	12.100	0.0048	-2.5 to 2.5	Pass
				-30	3.85	3.200	0.0013	-2.5 to 2.5	Pass
				-20	3.85	3.900	0.0016	-2.5 to 2.5	Pass
				-10	3.85	0.800	0.0003	-2.5 to 2.5	Pass
				0	3.85	5.000	0.0020	-2.5 to 2.5	Pass
				10	3.85	9.800	0.0039	-2.5 to 2.5	Pass
				30	3.85	-3.600	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-0.600	-0.0002	-2.5 to 2.5	Pass
				50	3.85	12.900	0.0051	-2.5 to 2.5	Pass
	2593	100	0	20	3.27	8.400	0.0032	-2.5 to 2.5	Pass
					3.85	2.700	0.0010	-2.5 to 2.5	Pass
					4.43	-2.400	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-10.100	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-8.000	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				0	3.85	-7.300	-0.0028	-2.5 to 2.5	Pass
				10	3.85	3.200	0.0012	-2.5 to 2.5	Pass
				30	3.85	-1.200	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-11.100	-0.0043	-2.5 to 2.5	Pass
				50	3.85	0.900	0.0003	-2.5 to 2.5	Pass
	2680	100	0	20	3.27	-7.000	-0.0026	-2.5 to 2.5	Pass
					3.85	-11.100	-0.0041	-2.5 to 2.5	Pass
					4.43	-1.800	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-16.900	-0.0063	-2.5 to 2.5	Pass
				-20	3.85	-11.700	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-3.600	-0.0013	-2.5 to 2.5	Pass

				0	3.85	15.200	0.0057	-2.5 to 2.5	Pass
				10	3.85	11.100	0.0041	-2.5 to 2.5	Pass
				30	3.85	4.500	0.0017	-2.5 to 2.5	Pass
				40	3.85	-21.800	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-9.400	-0.0035	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

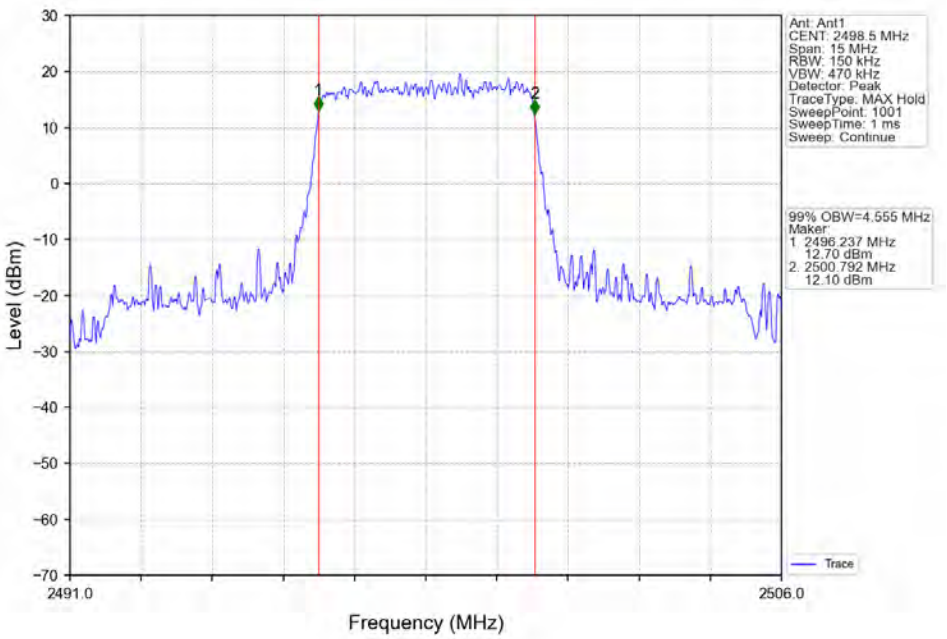
3.1 Band41_OBW

3.1.1 Test Result

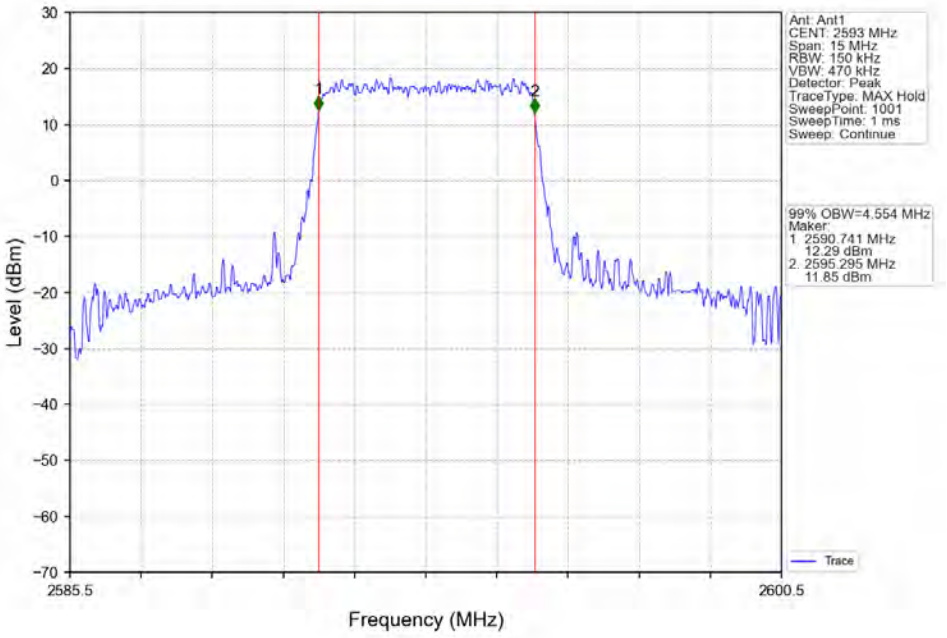
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	4.555	/	Pass
		2593	25	0	4.554	/	Pass
		2687.5	25	0	4.575	/	Pass
	16QAM	2498.5	25	0	4.555	/	Pass
		2593	25	0	4.580	/	Pass
		2687.5	25	0	4.570	/	Pass
	64QAM	2498.5	25	0	4.579	/	Pass
		2593	25	0	4.580	/	Pass
		2687.5	25	0	4.563	/	Pass
10	QPSK	2501	50	0	9.087	/	Pass
		2593	50	0	9.102	/	Pass
		2685	50	0	9.081	/	Pass
	16QAM	2501	50	0	9.091	/	Pass
		2593	50	0	9.073	/	Pass
		2685	50	0	9.070	/	Pass
	64QAM	2501	50	0	9.105	/	Pass
		2593	50	0	9.062	/	Pass
		2685	50	0	9.076	/	Pass
15	QPSK	2503.5	75	0	13.612	/	Pass
		2593	75	0	13.638	/	Pass
		2682.5	75	0	13.608	/	Pass
	16QAM	2503.5	75	0	13.627	/	Pass
		2593	75	0	13.614	/	Pass
		2682.5	75	0	13.608	/	Pass
	64QAM	2503.5	75	0	13.653	/	Pass
		2593	75	0	13.681	/	Pass
		2682.5	75	0	13.598	/	Pass
20	QPSK	2506	100	0	18.163	/	Pass
		2593	100	0	18.134	/	Pass
		2680	100	0	18.147	/	Pass
	16QAM	2506	100	0	18.144	/	Pass
		2593	100	0	18.142	/	Pass
		2680	100	0	18.113	/	Pass
	64QAM	2506	100	0	18.134	/	Pass
		2593	100	0	18.181	/	Pass
		2680	100	0	18.122	/	Pass

3.1.2 Test Graph

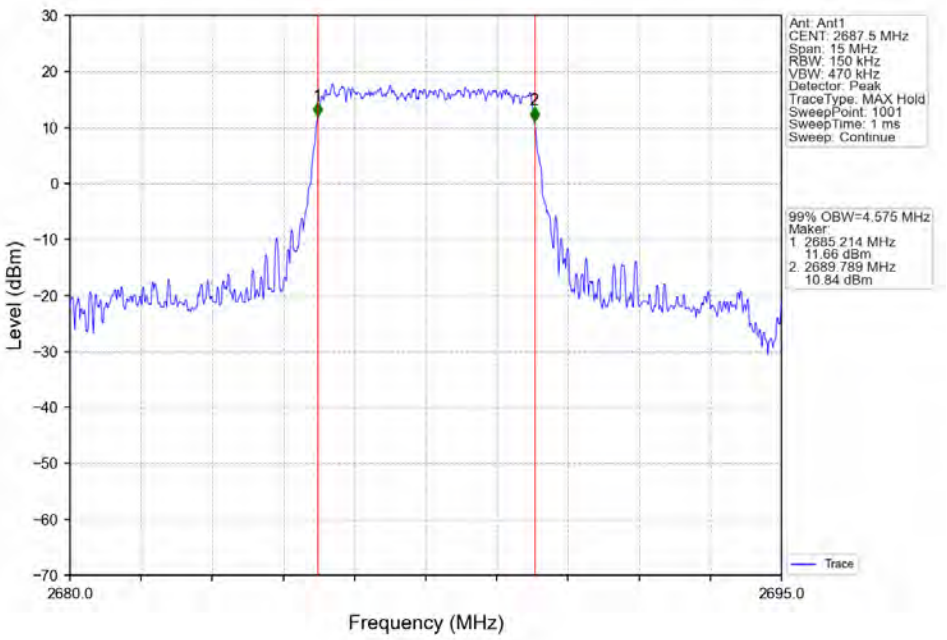
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



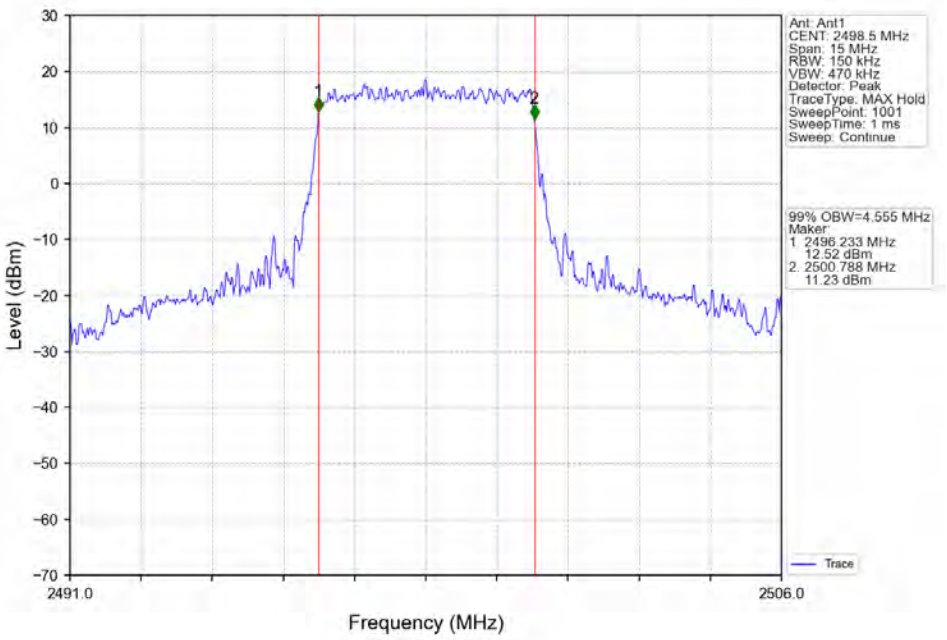
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



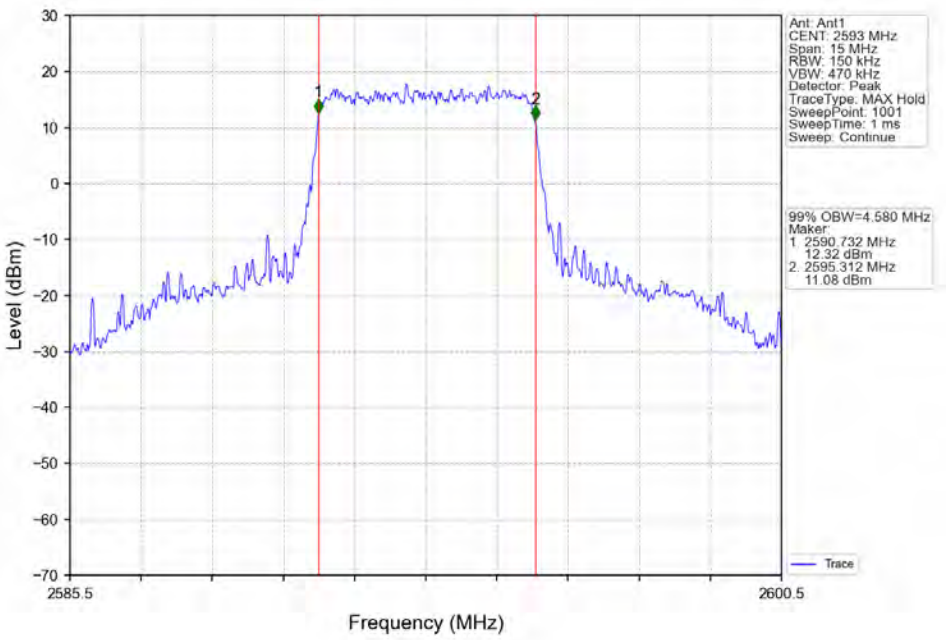
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



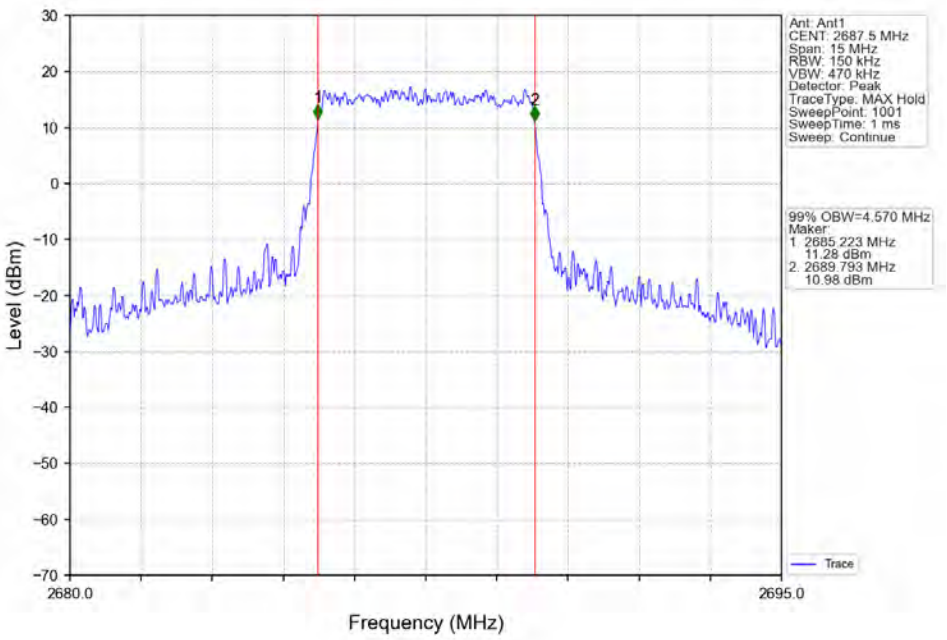
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



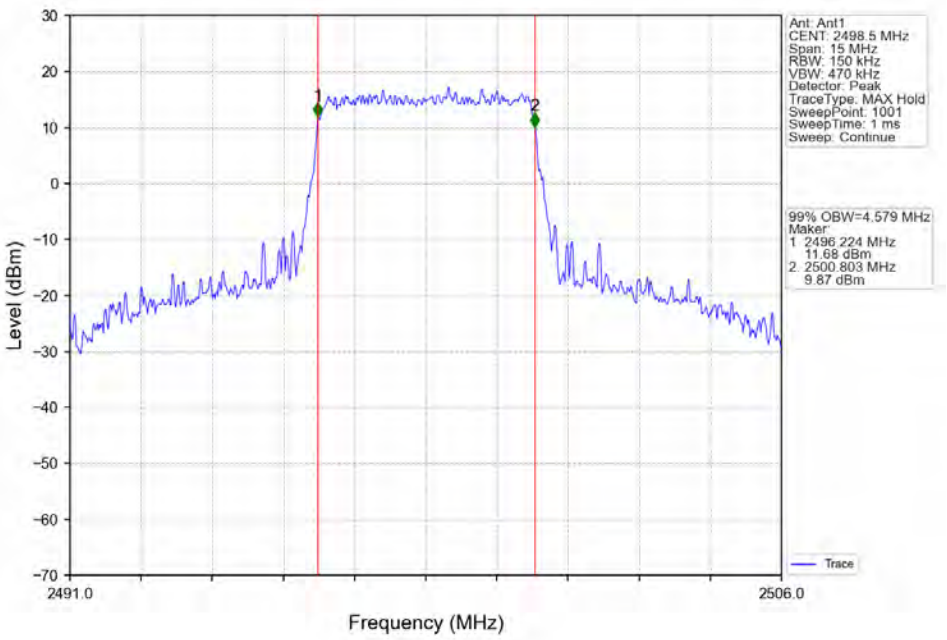
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



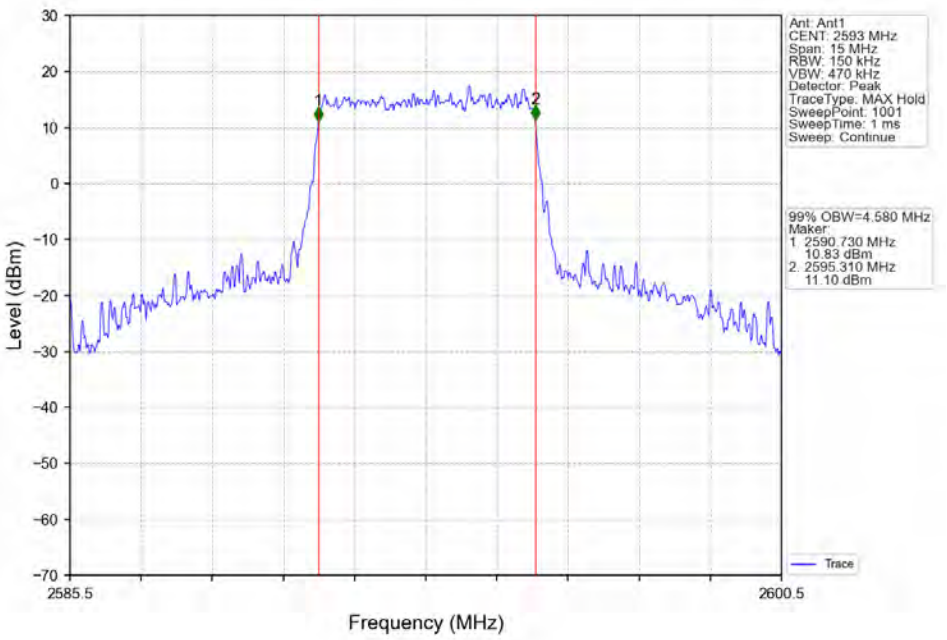
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



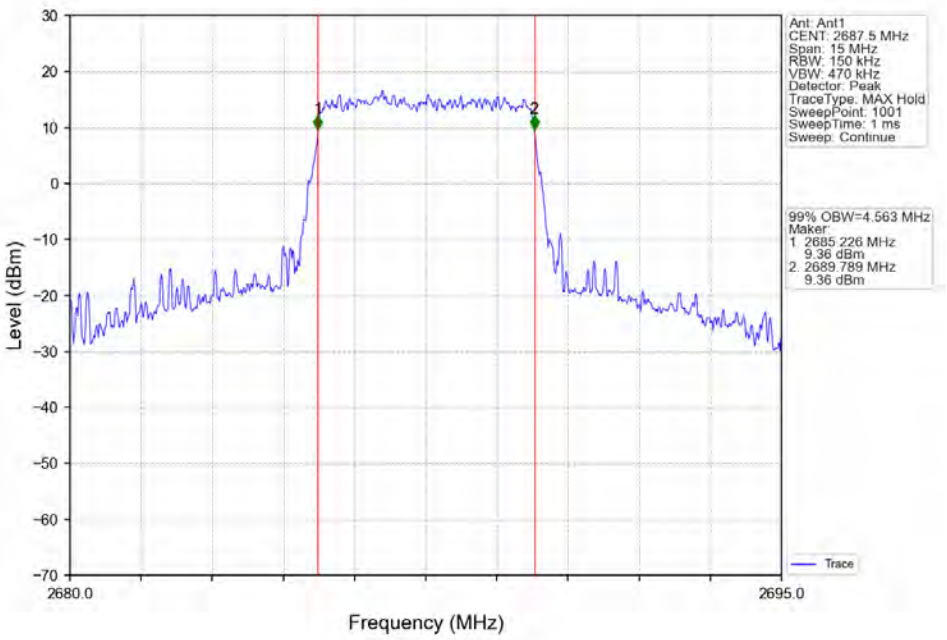
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



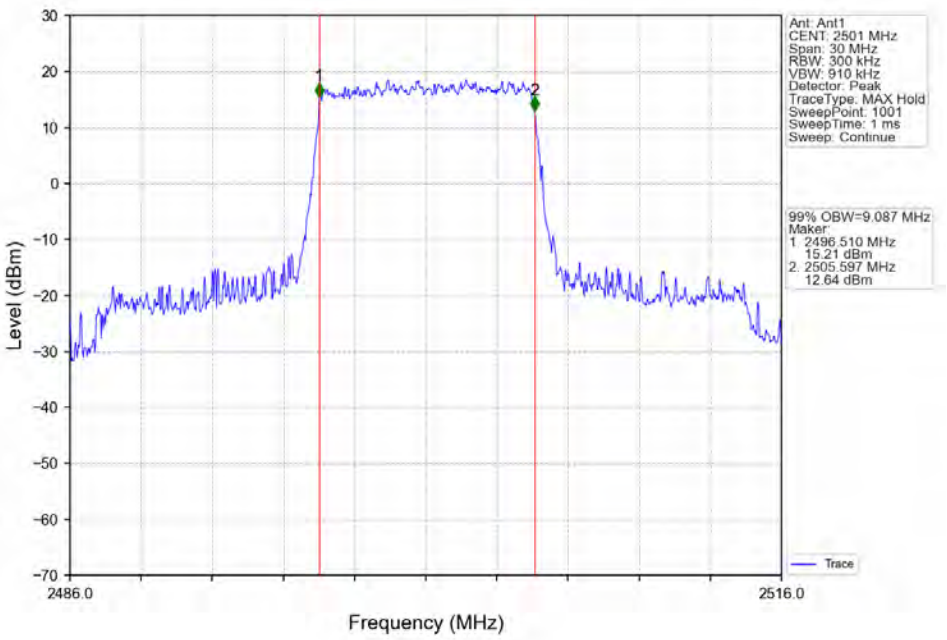
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



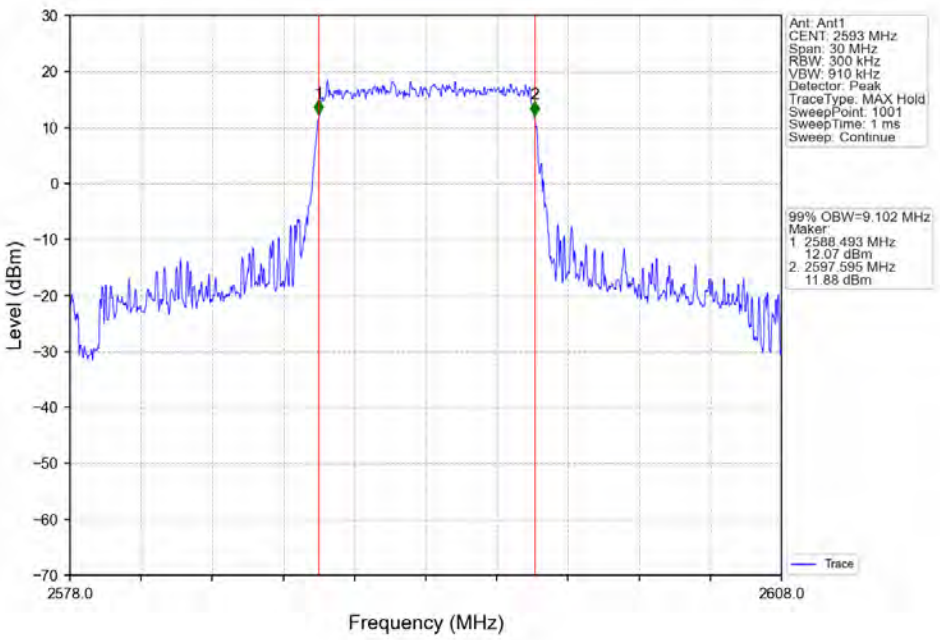
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



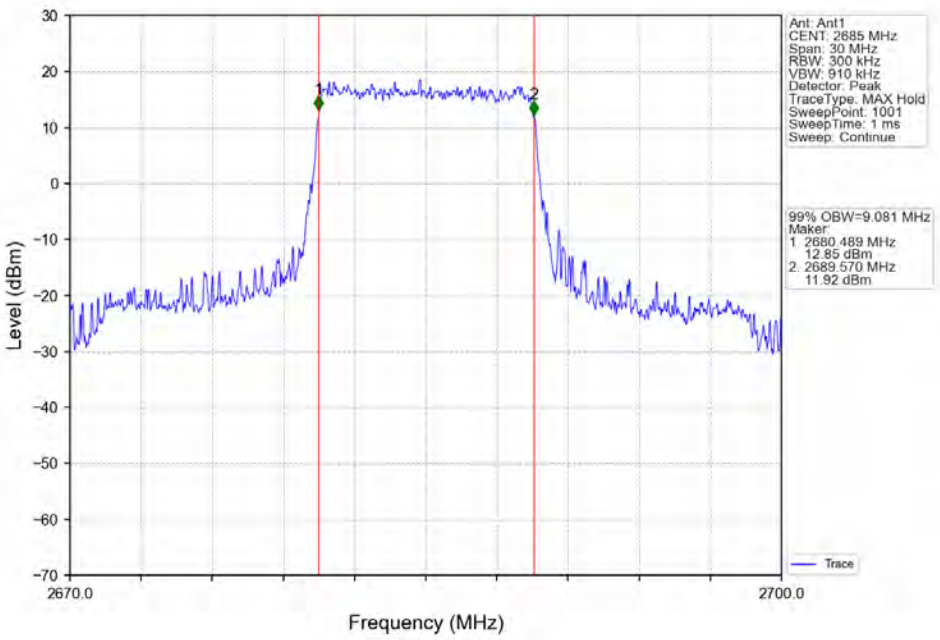
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



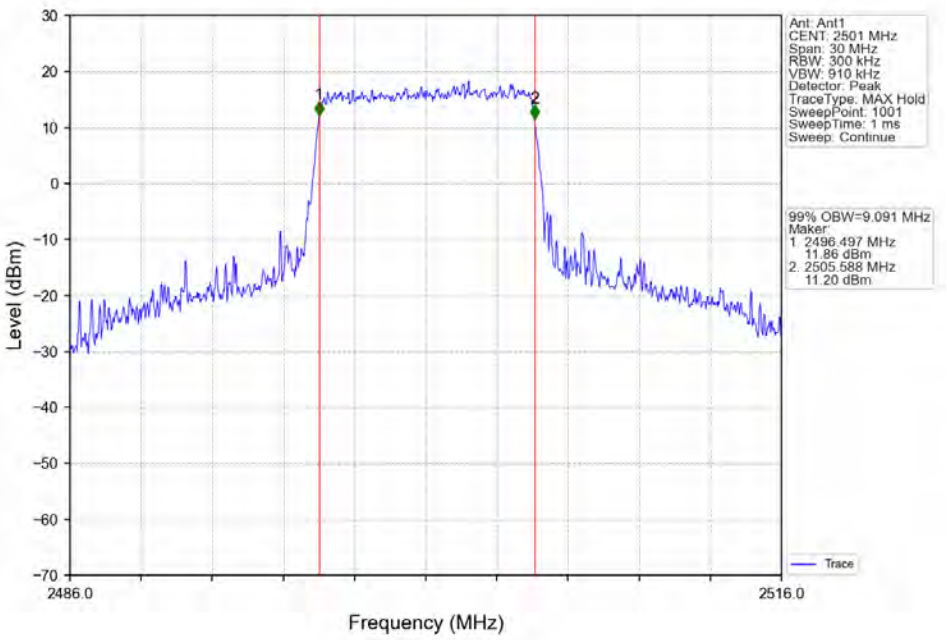
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



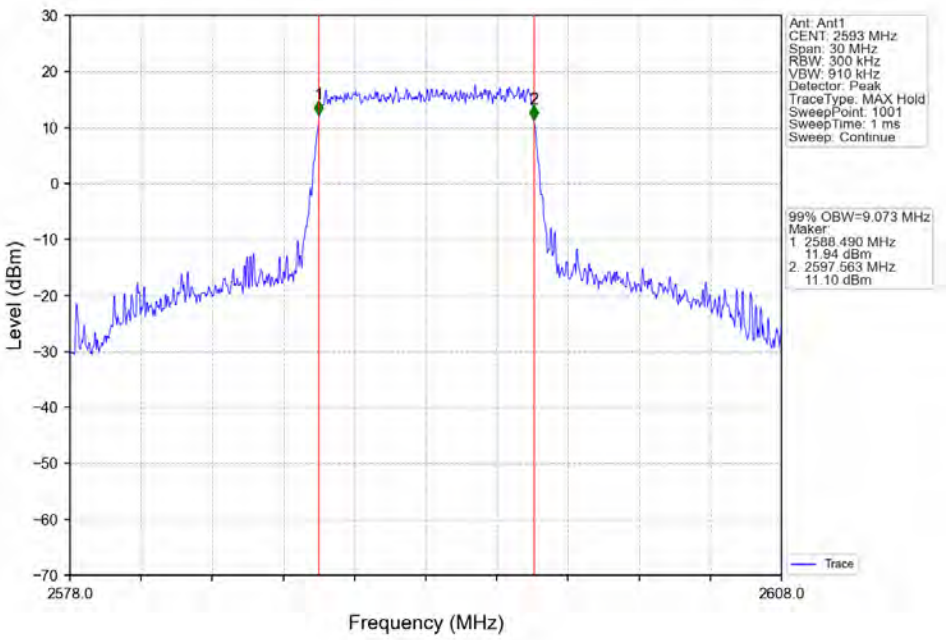
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



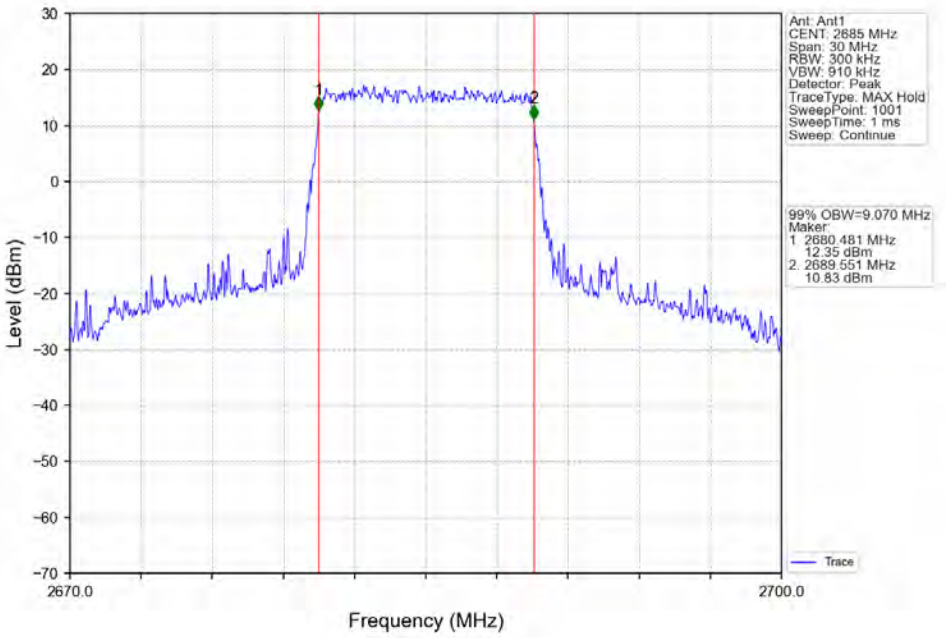
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



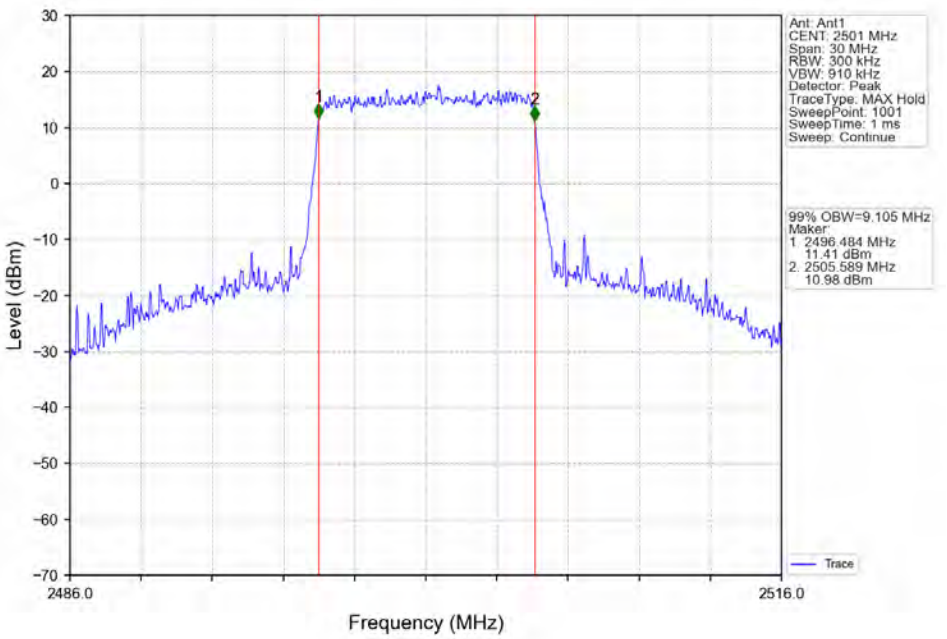
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



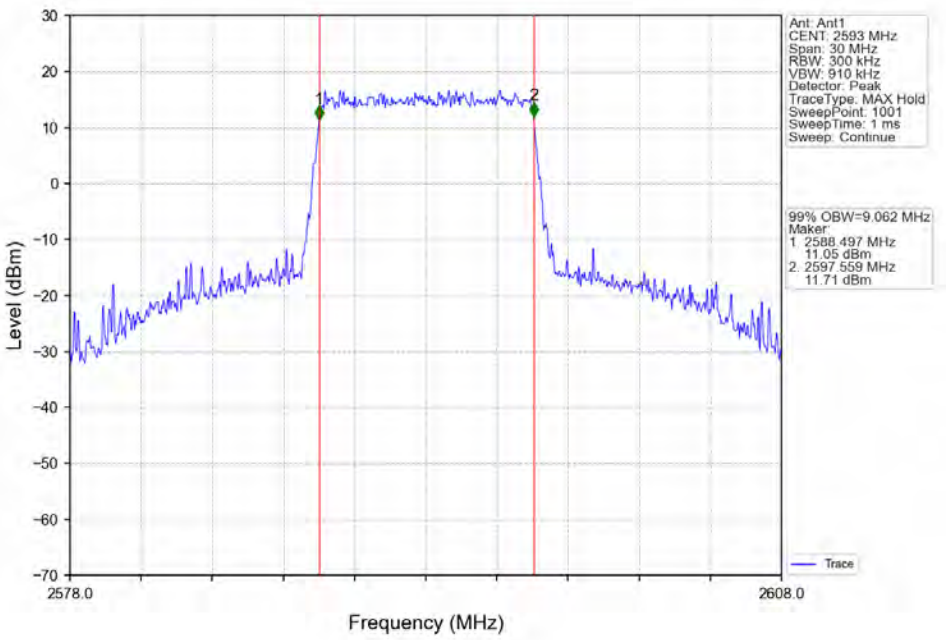
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



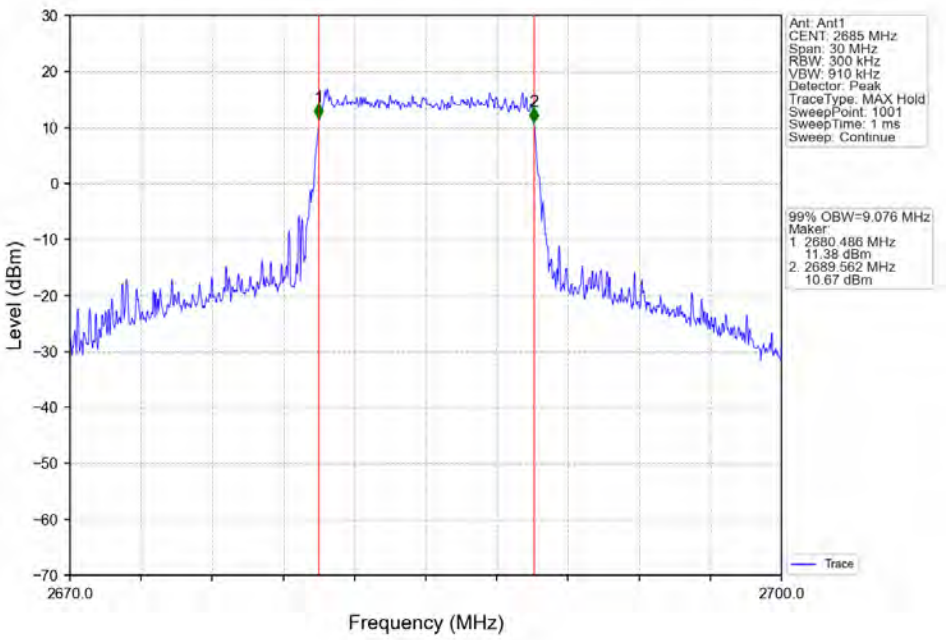
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



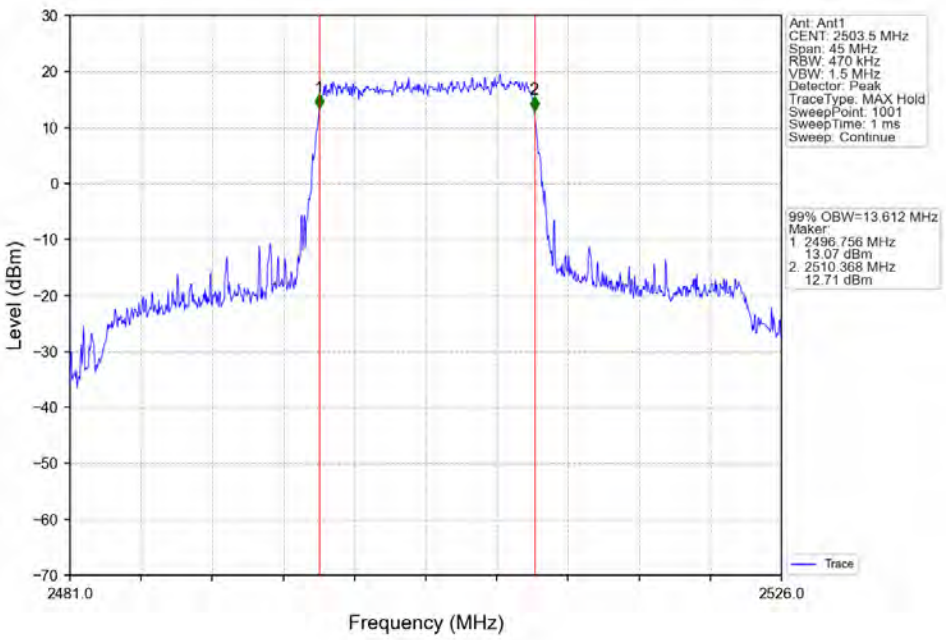
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



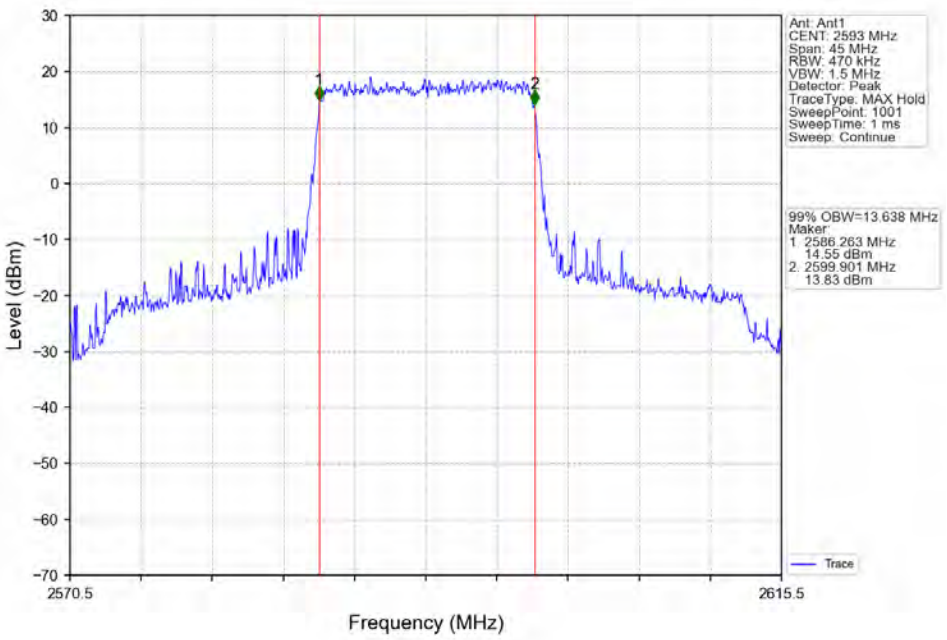
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



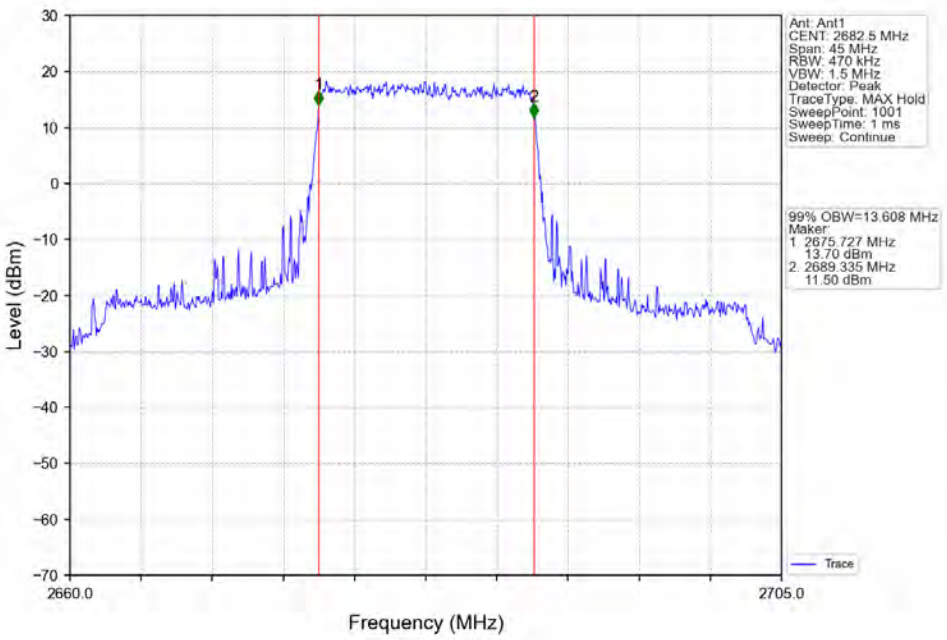
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



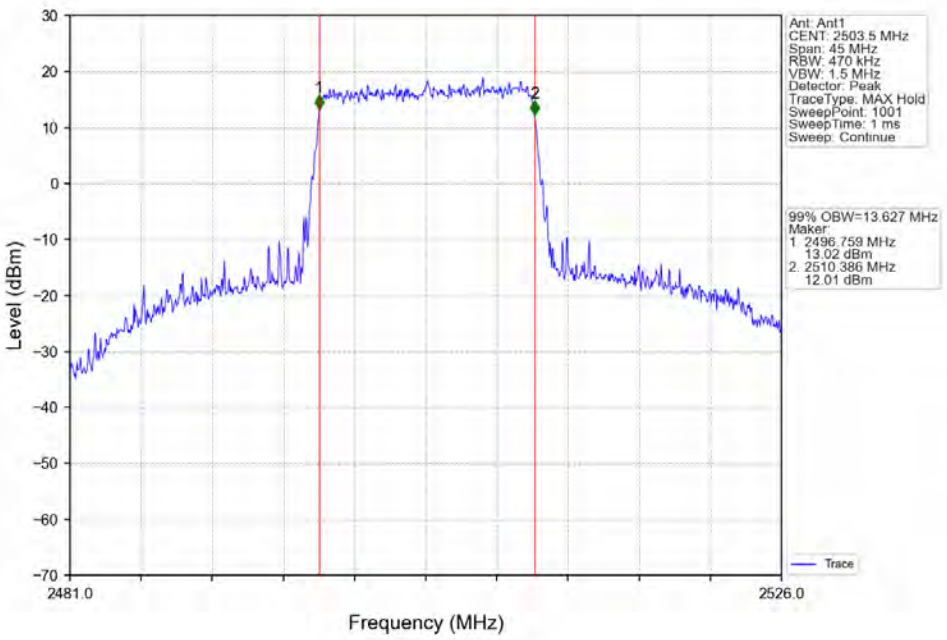
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



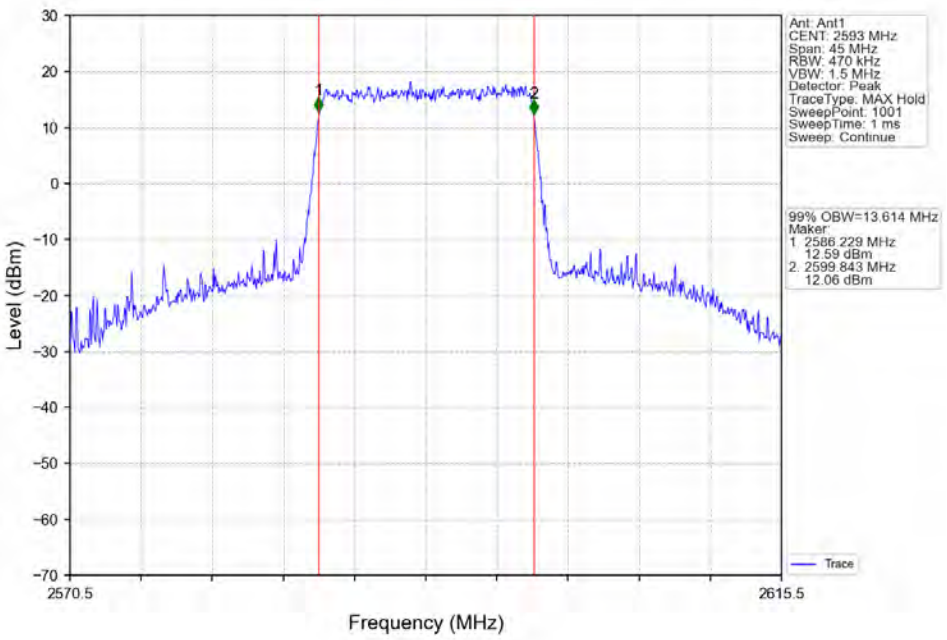
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



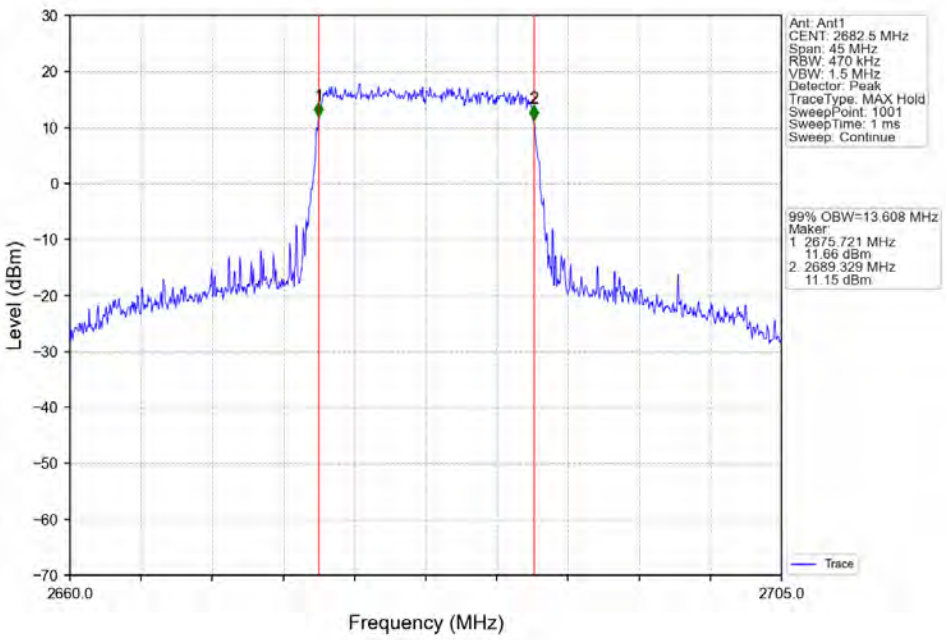
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



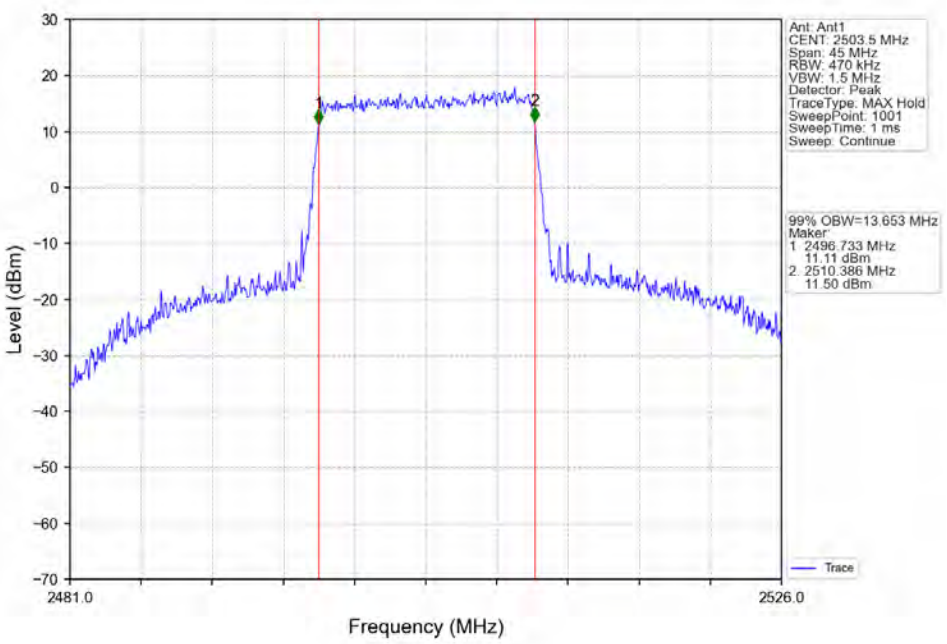
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



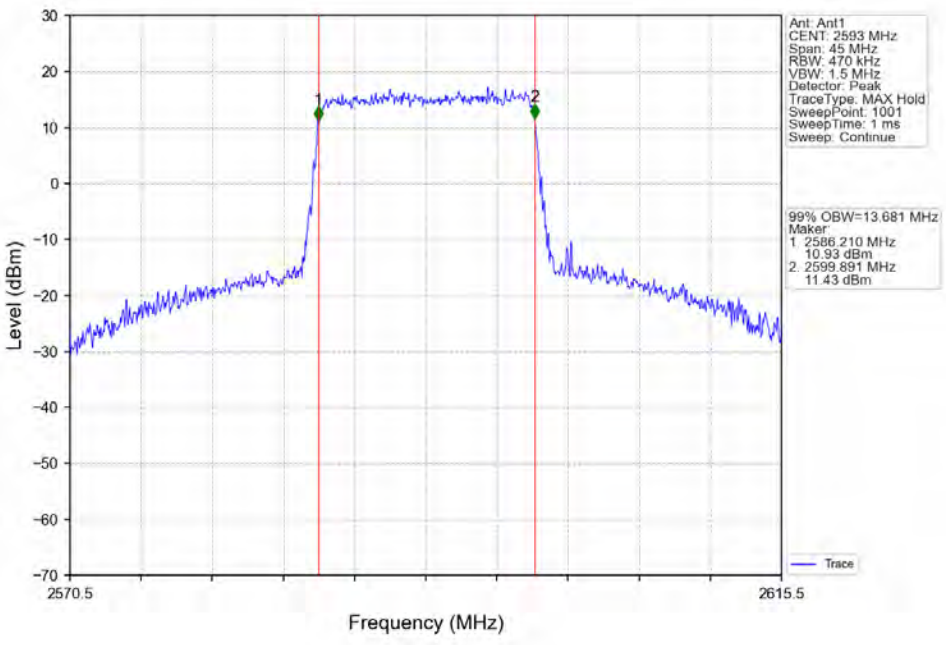
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



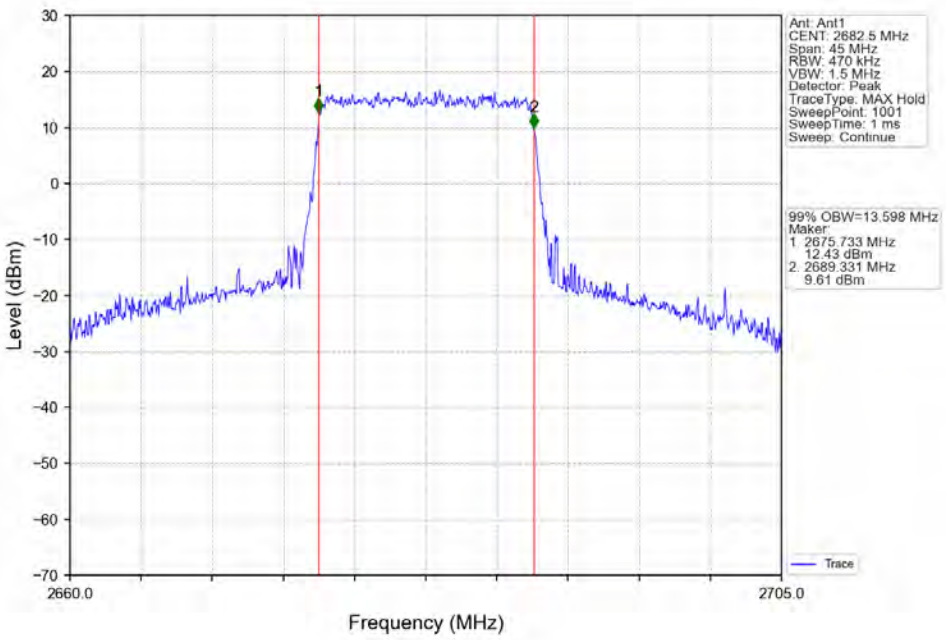
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



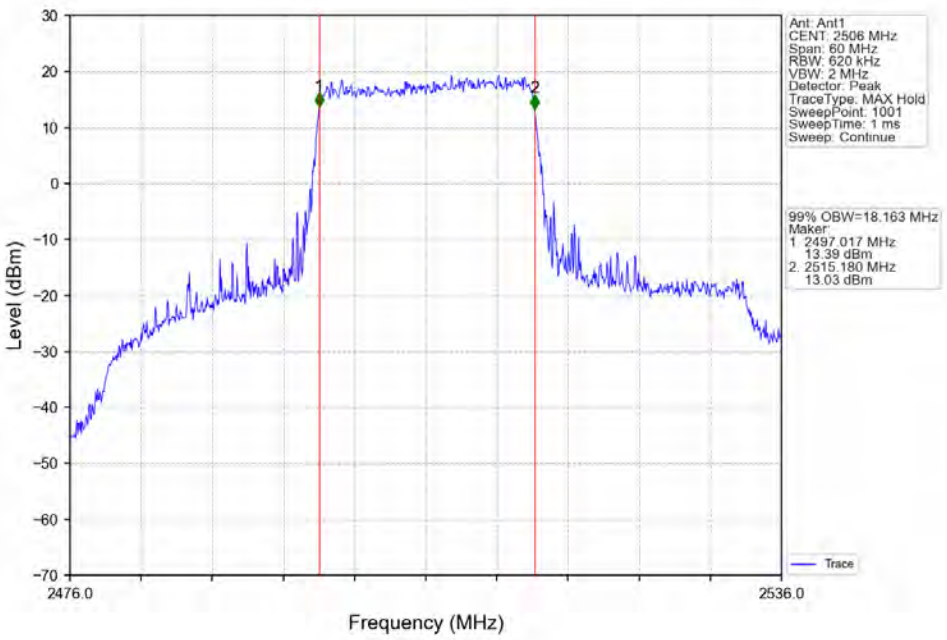
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



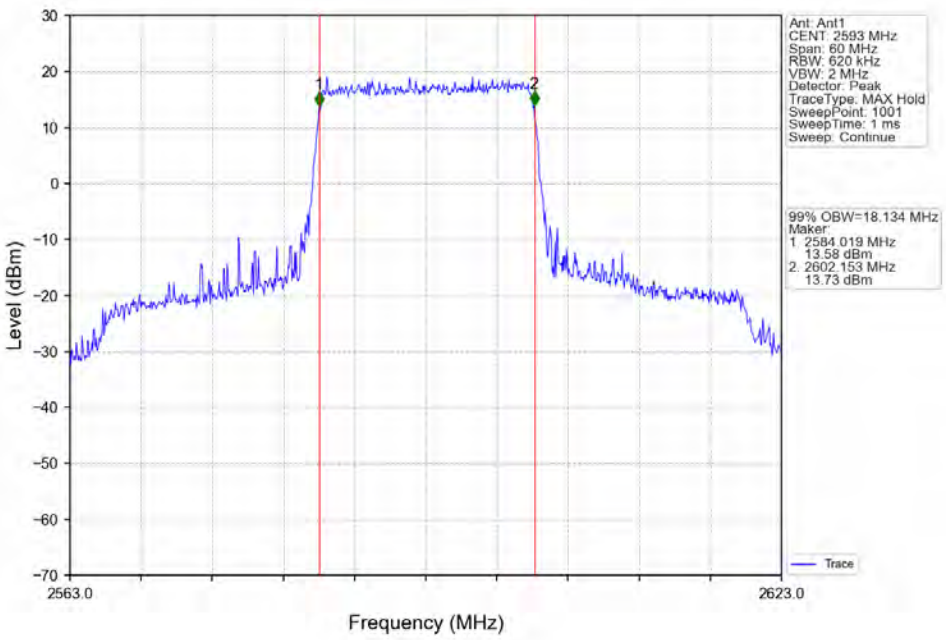
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



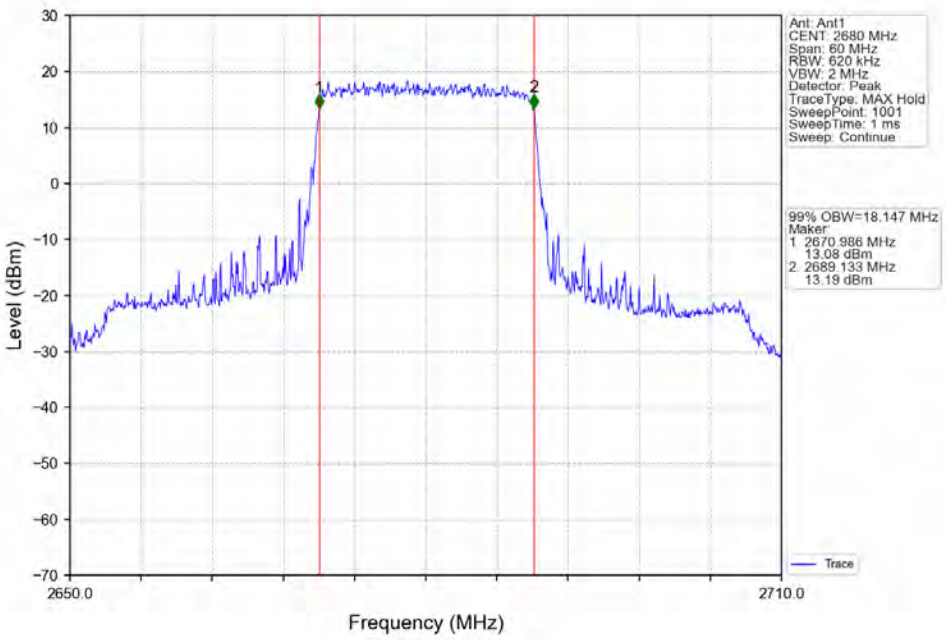
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



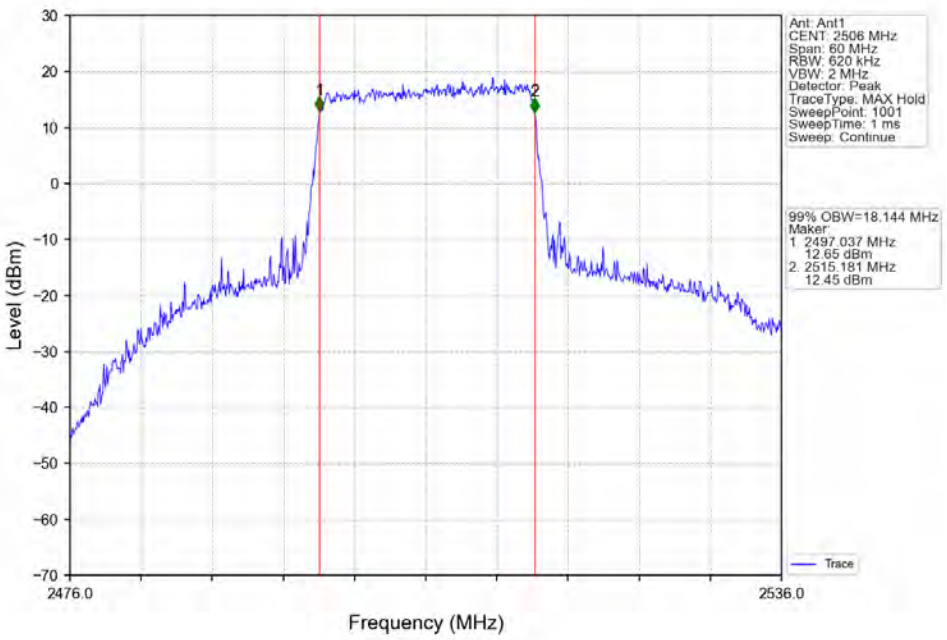
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



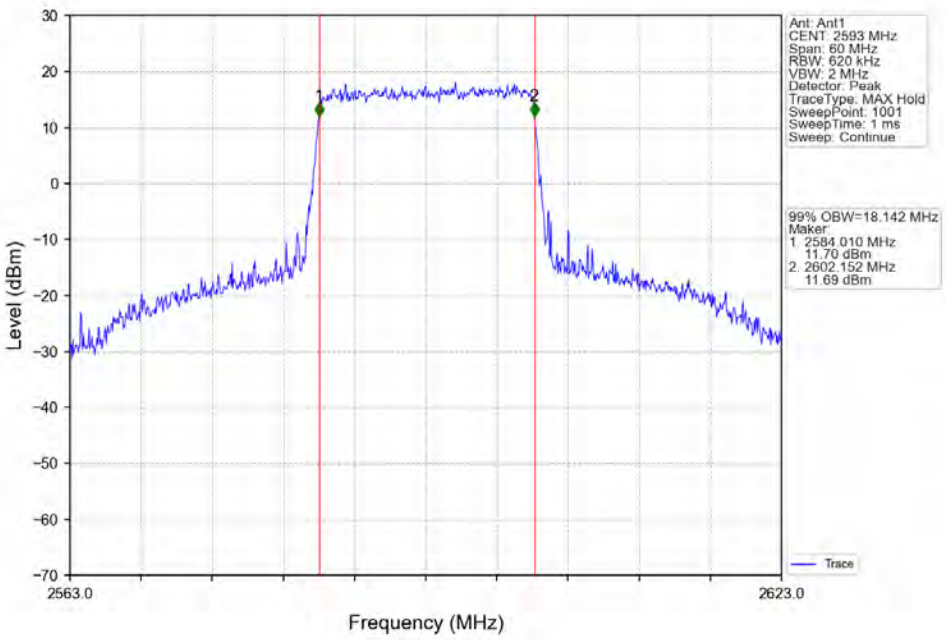
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



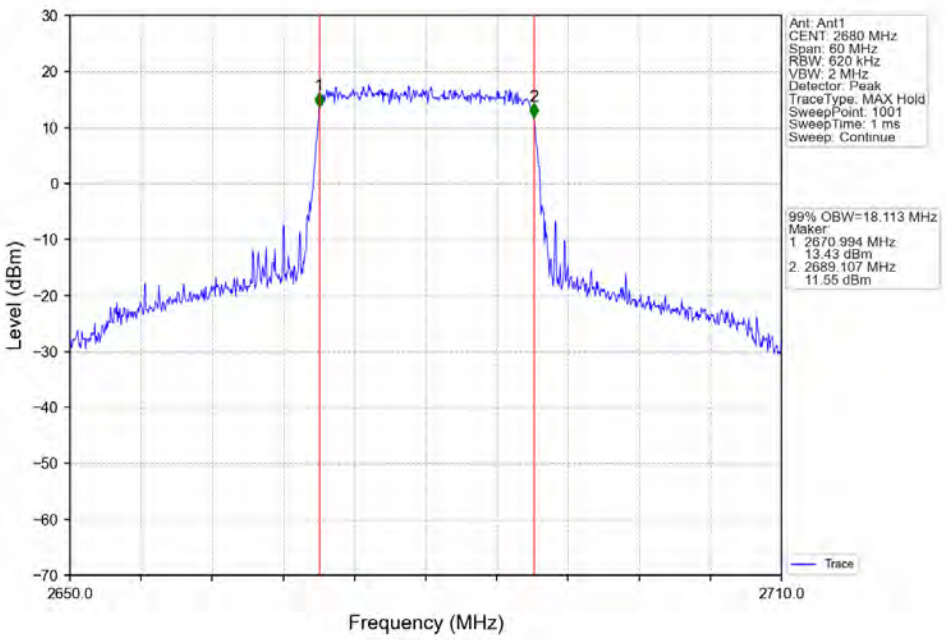
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



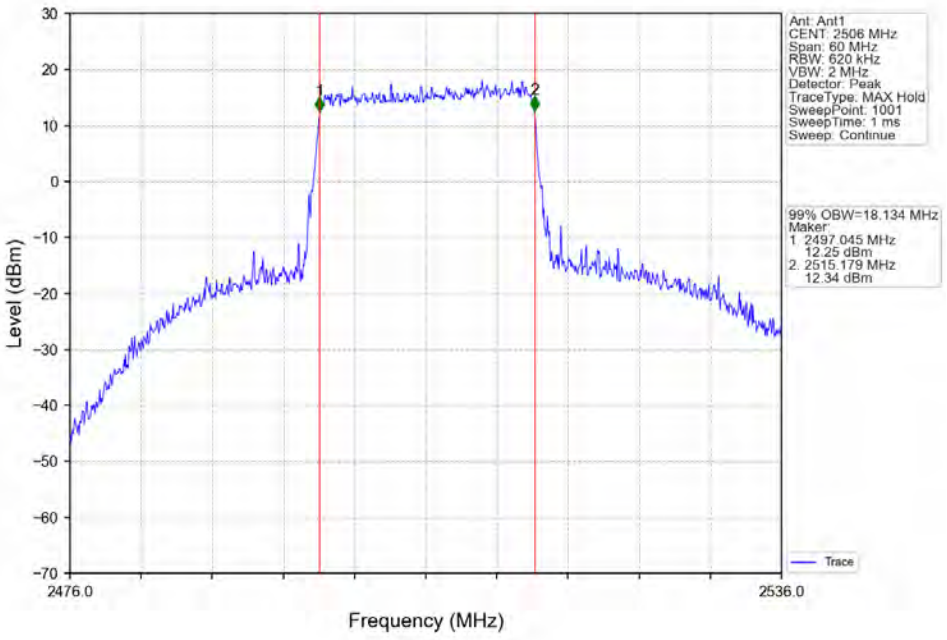
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



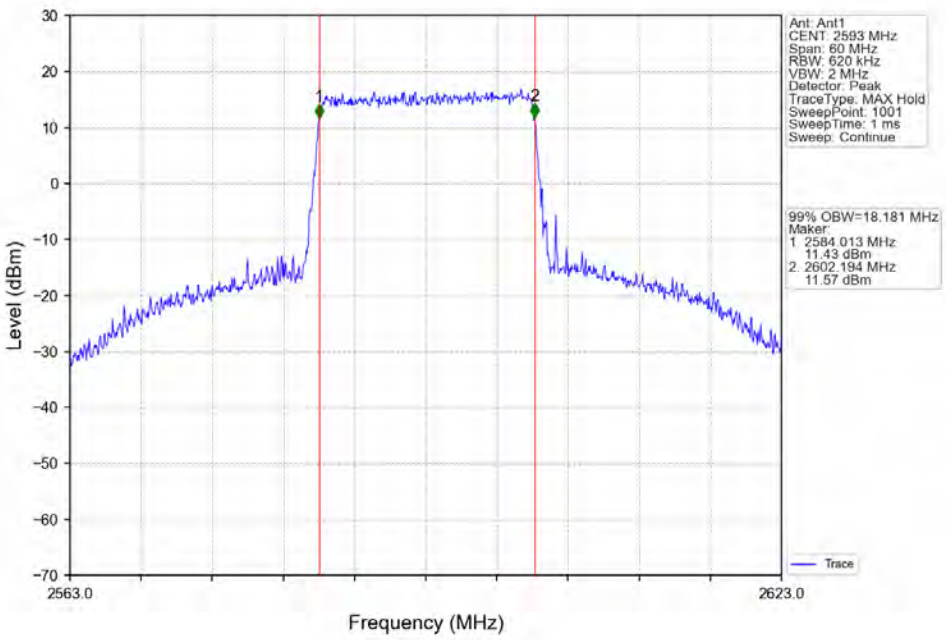
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



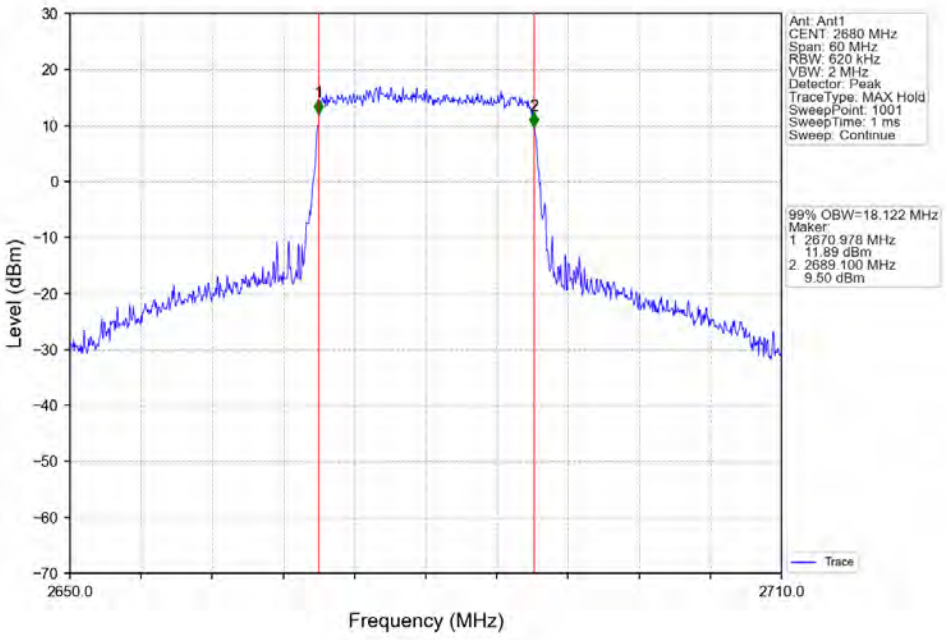
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



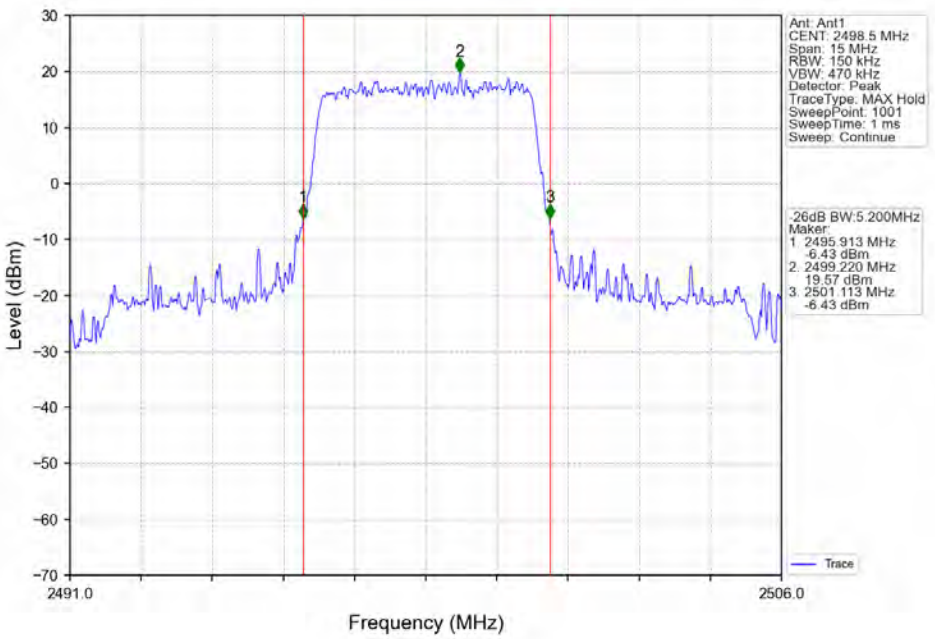
3.2 Band41_XDB

3.2.1 Test Result

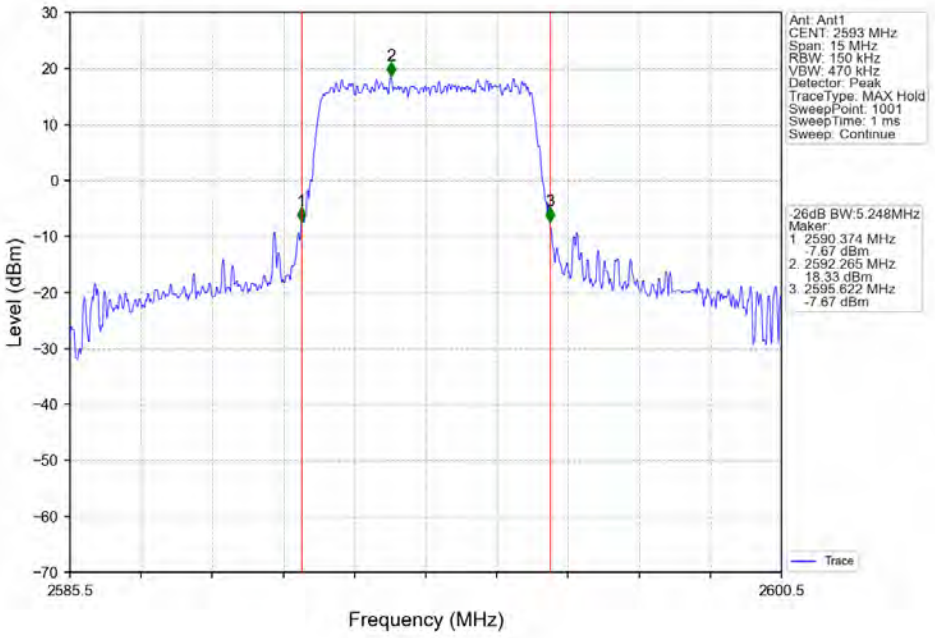
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2498.5	25	0	5.200	/	Pass
		2593	25	0	5.248	/	Pass
		2687.5	25	0	5.429	/	Pass
	16QAM	2498.5	25	0	5.193	/	Pass
		2593	25	0	5.445	/	Pass
		2687.5	25	0	5.234	/	Pass
	64QAM	2498.5	25	0	5.557	/	Pass
		2593	25	0	5.196	/	Pass
		2687.5	25	0	5.480	/	Pass
10	QPSK	2501	50	0	10.152	/	Pass
		2593	50	0	11.288	/	Pass
		2685	50	0	10.215	/	Pass
	16QAM	2501	50	0	10.347	/	Pass
		2593	50	0	10.374	/	Pass
		2685	50	0	11.010	/	Pass
	64QAM	2501	50	0	10.128	/	Pass
		2593	50	0	10.177	/	Pass
		2685	50	0	10.818	/	Pass
15	QPSK	2503.5	75	0	15.534	/	Pass
		2593	75	0	15.163	/	Pass
		2682.5	75	0	16.889	/	Pass
	16QAM	2503.5	75	0	15.442	/	Pass
		2593	75	0	15.140	/	Pass
		2682.5	75	0	16.214	/	Pass
	64QAM	2503.5	75	0	15.611	/	Pass
		2593	75	0	15.150	/	Pass
		2682.5	75	0	15.853	/	Pass
20	QPSK	2506	100	0	21.739	/	Pass
		2593	100	0	20.125	/	Pass
		2680	100	0	20.958	/	Pass
	16QAM	2506	100	0	21.368	/	Pass
		2593	100	0	20.667	/	Pass
		2680	100	0	23.014	/	Pass
	64QAM	2506	100	0	21.345	/	Pass
		2593	100	0	20.906	/	Pass
		2680	100	0	20.277	/	Pass

3.2.2 Test Graph

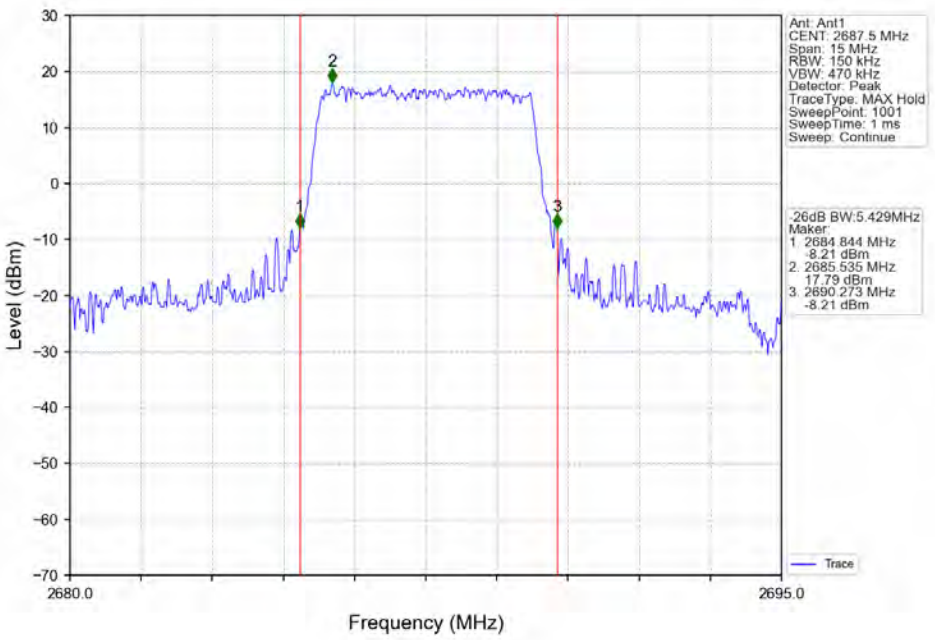
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



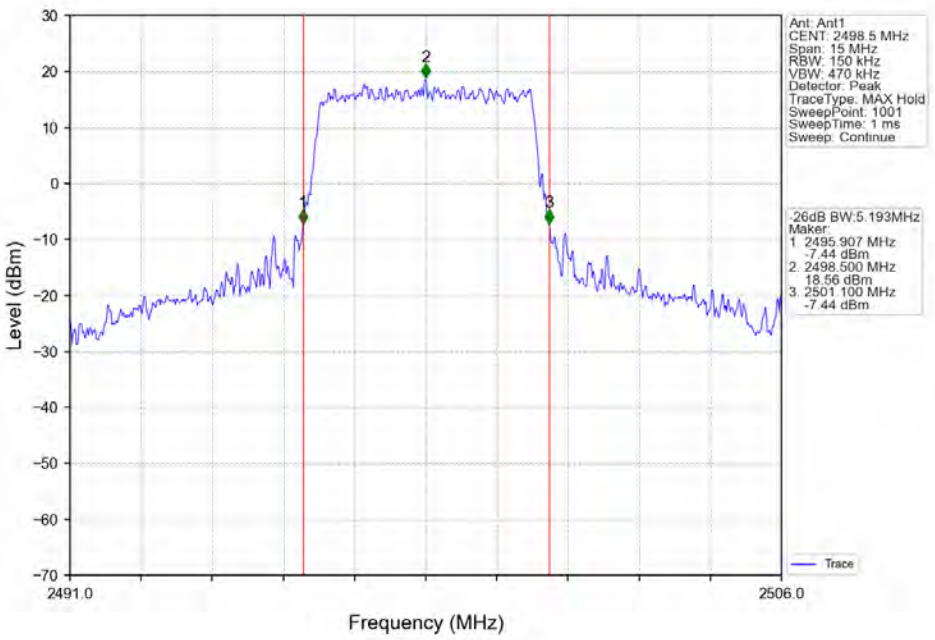
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



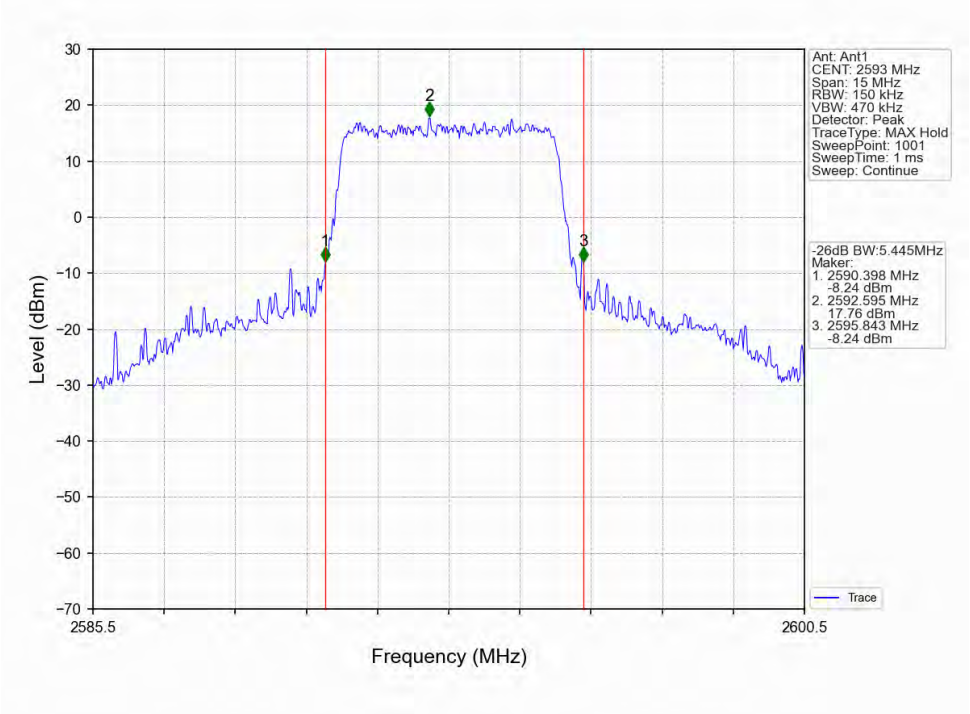
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



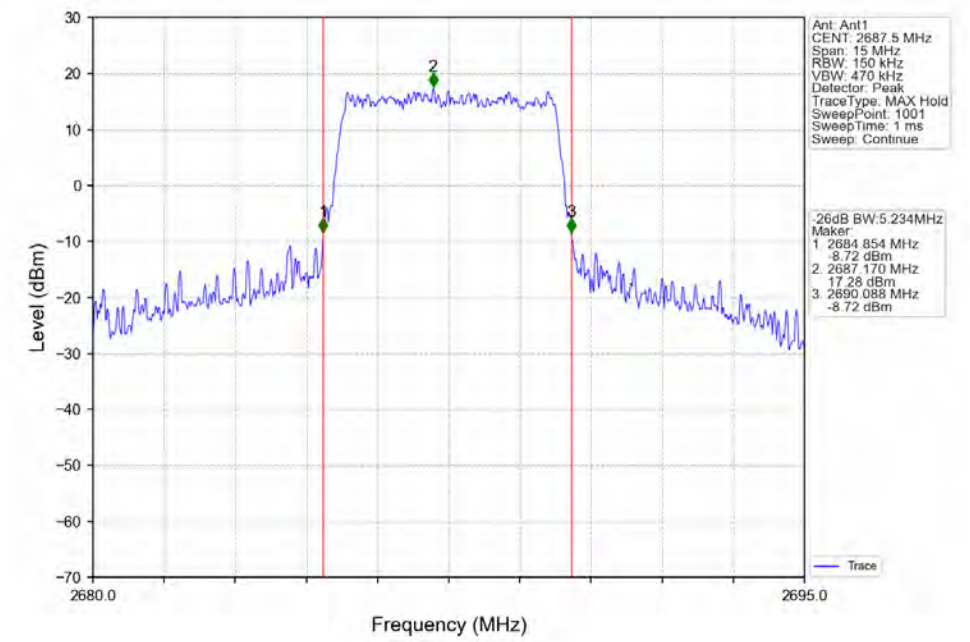
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



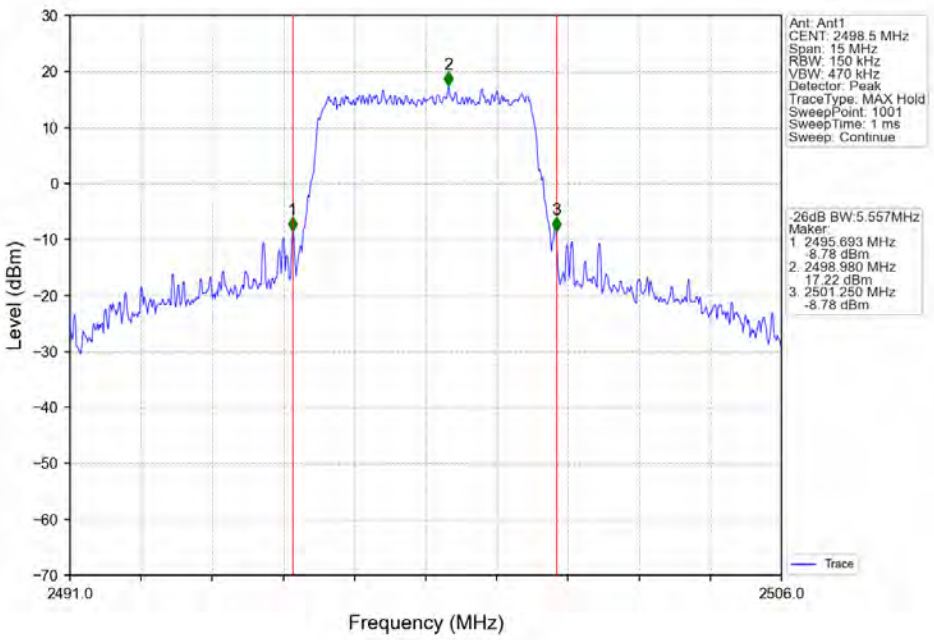
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



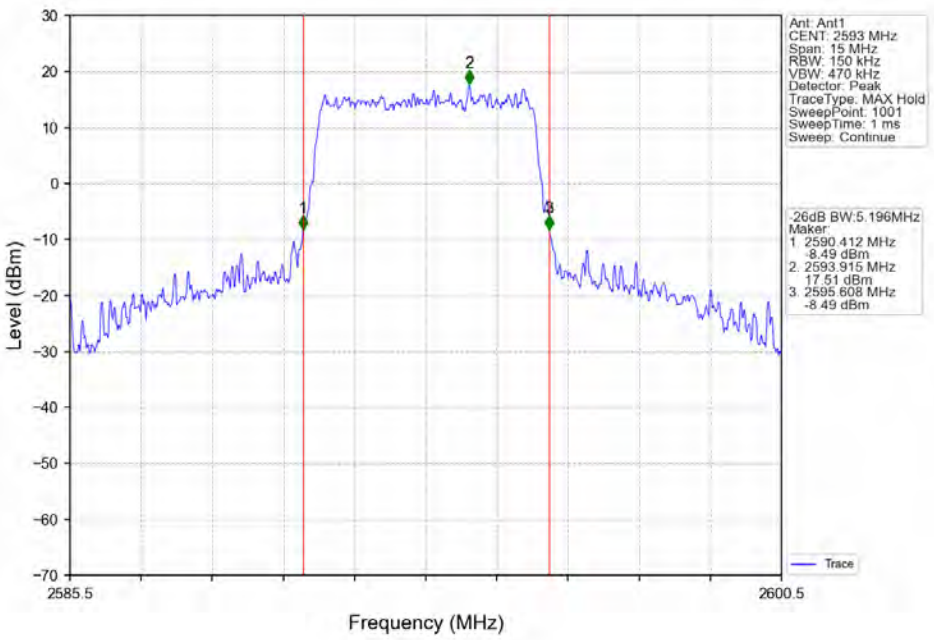
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



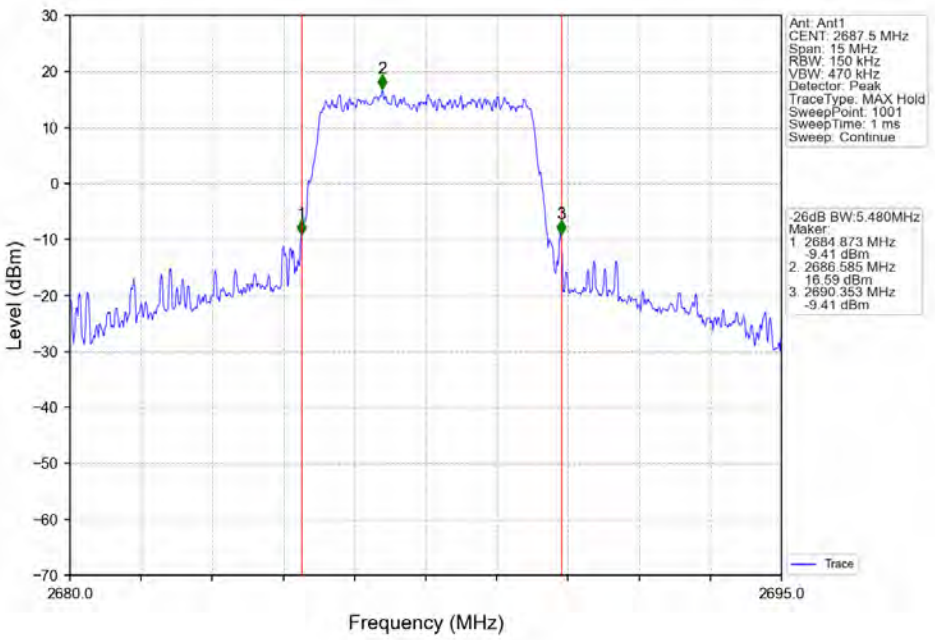
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



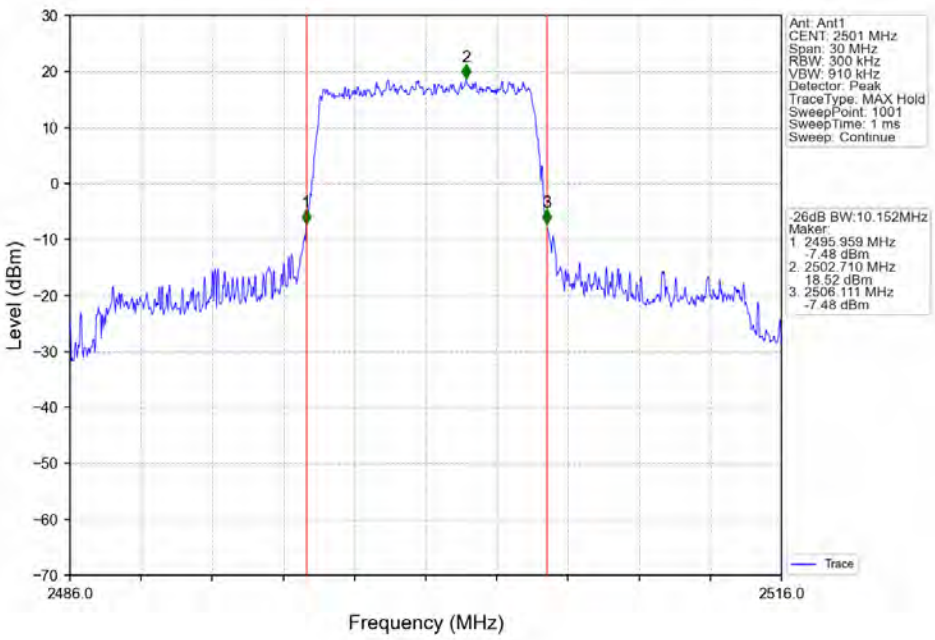
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



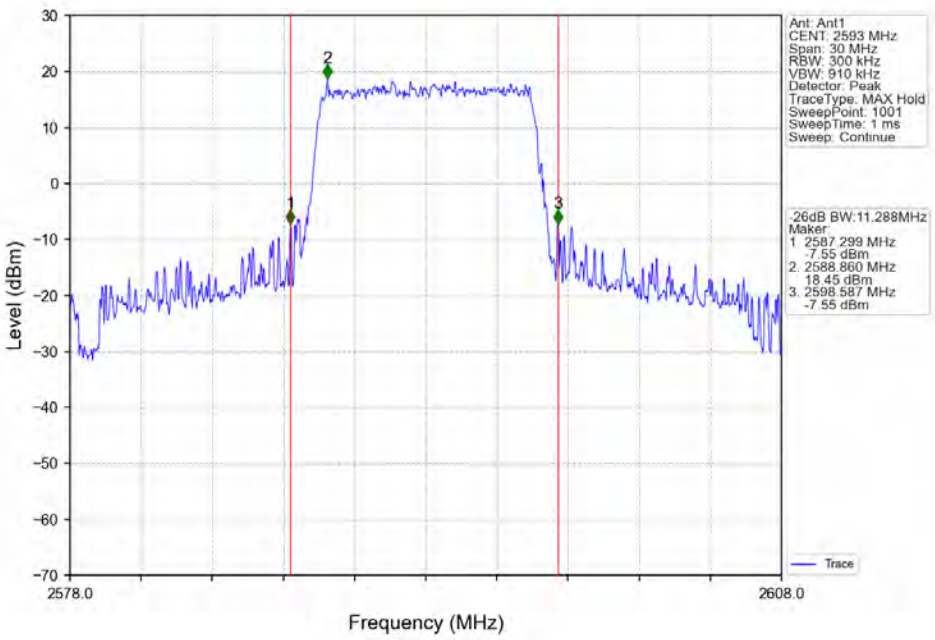
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



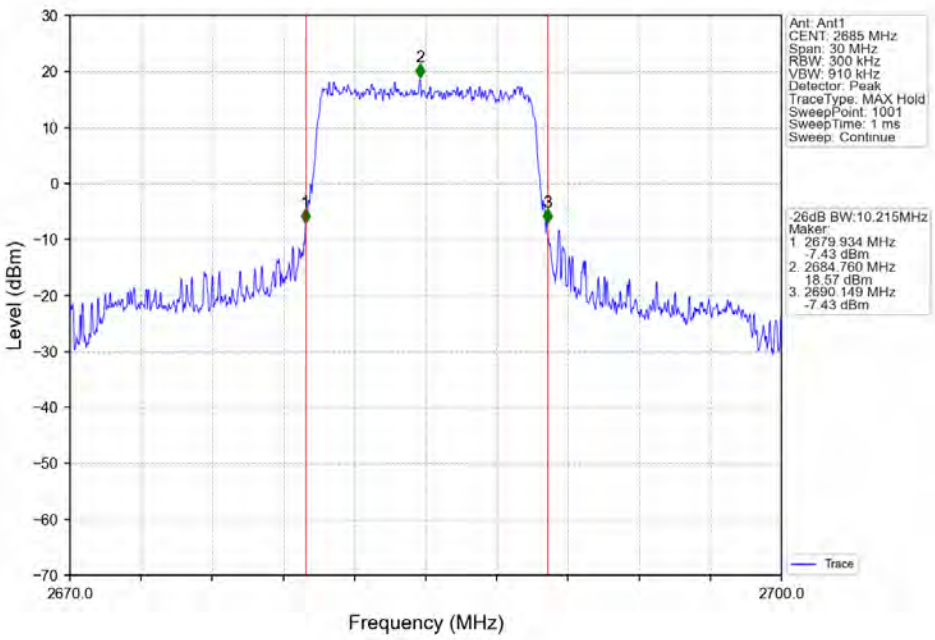
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



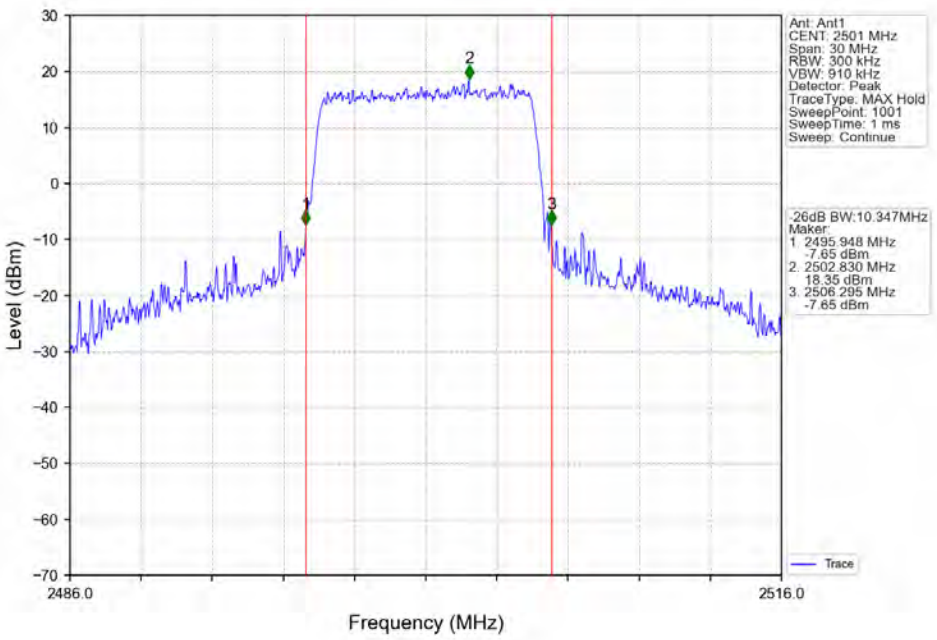
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



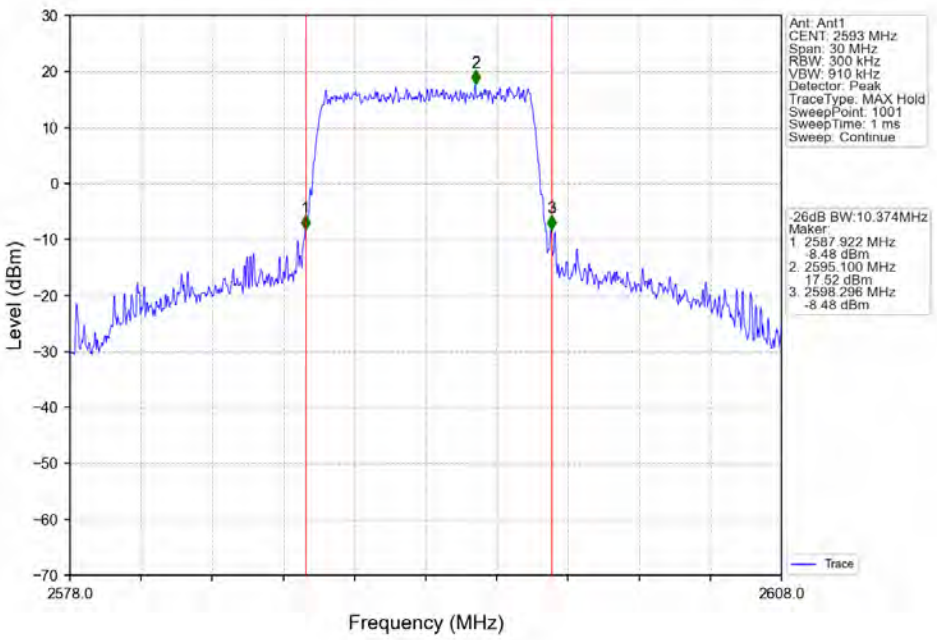
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



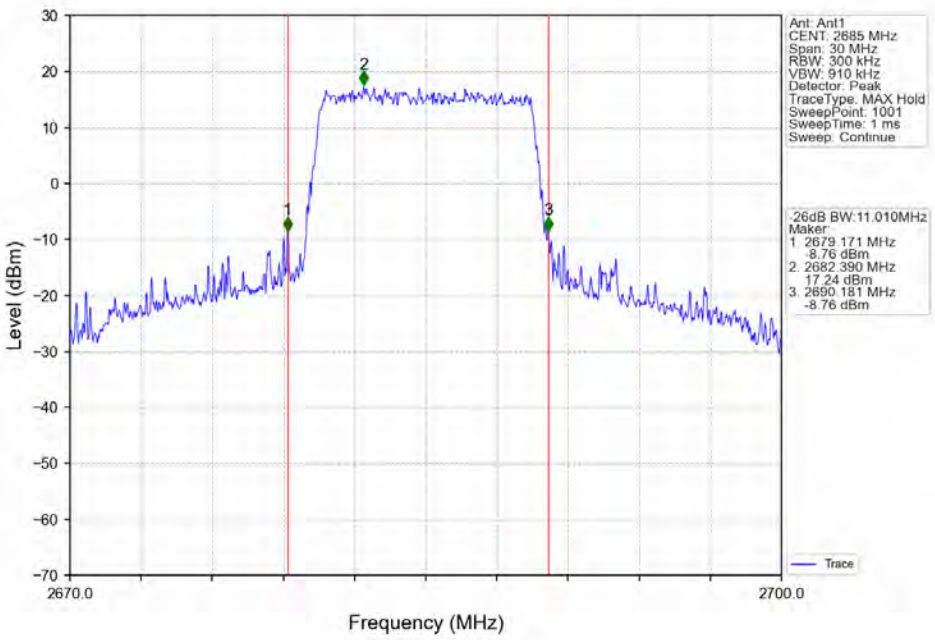
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



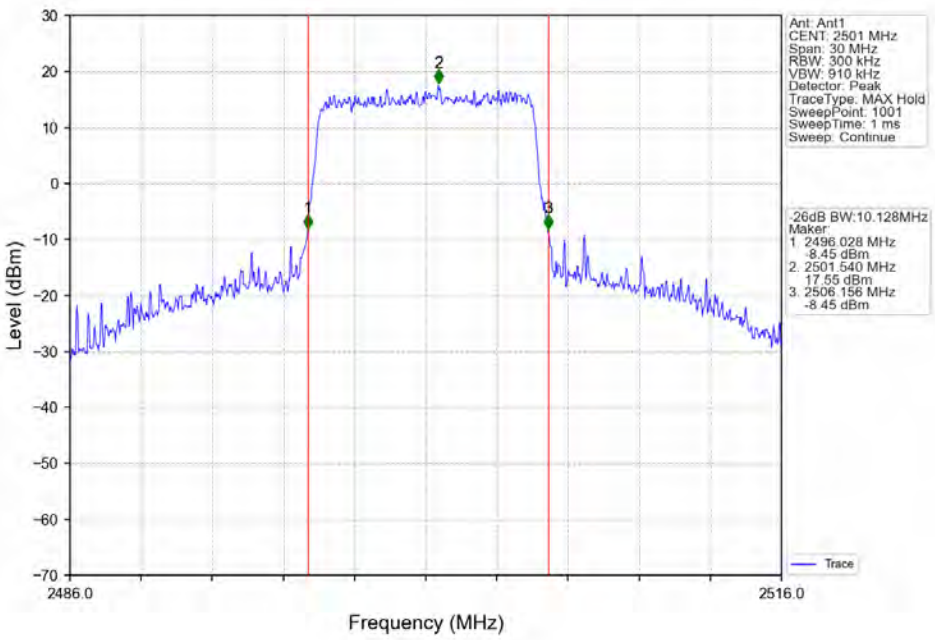
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



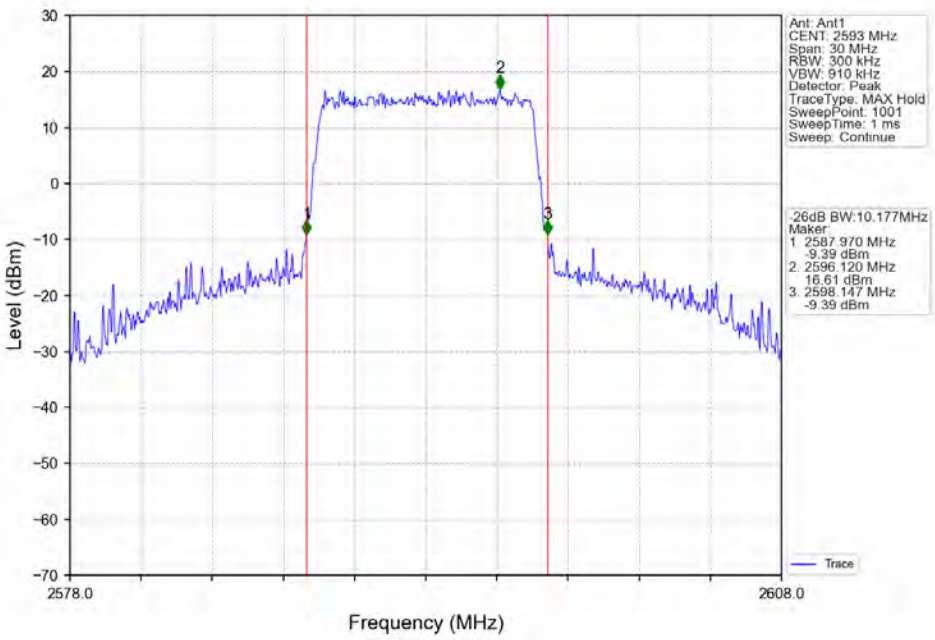
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



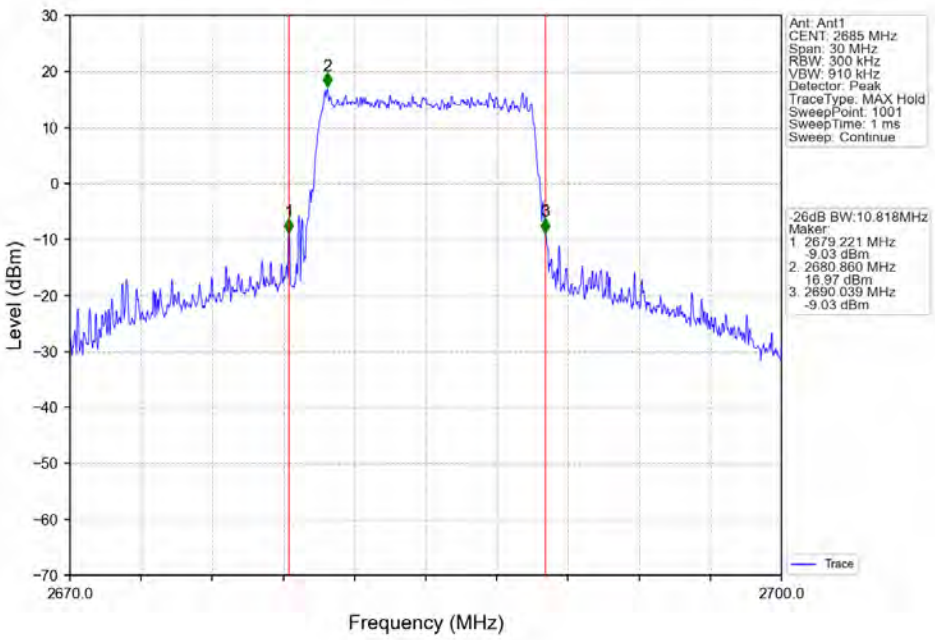
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



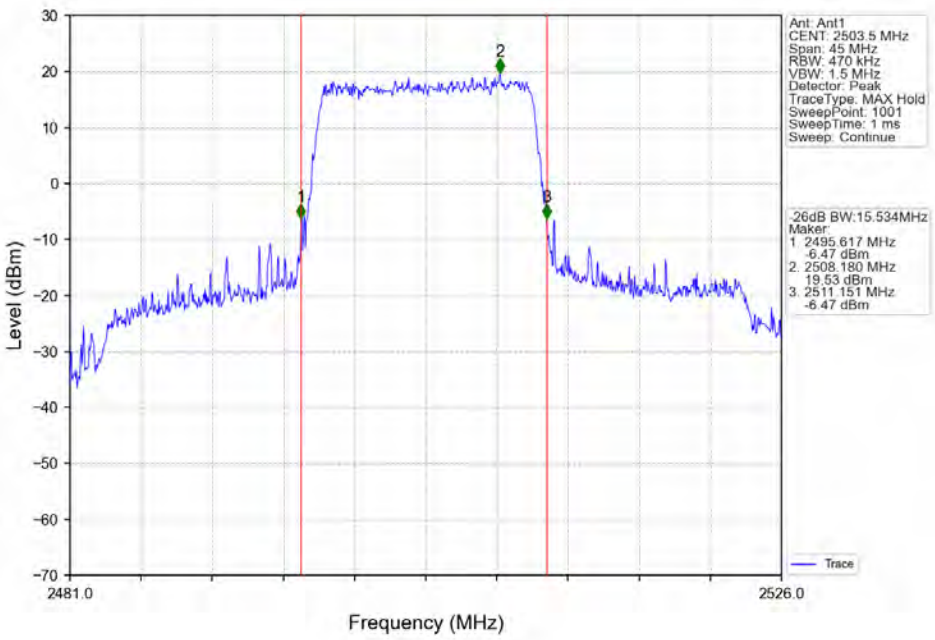
Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



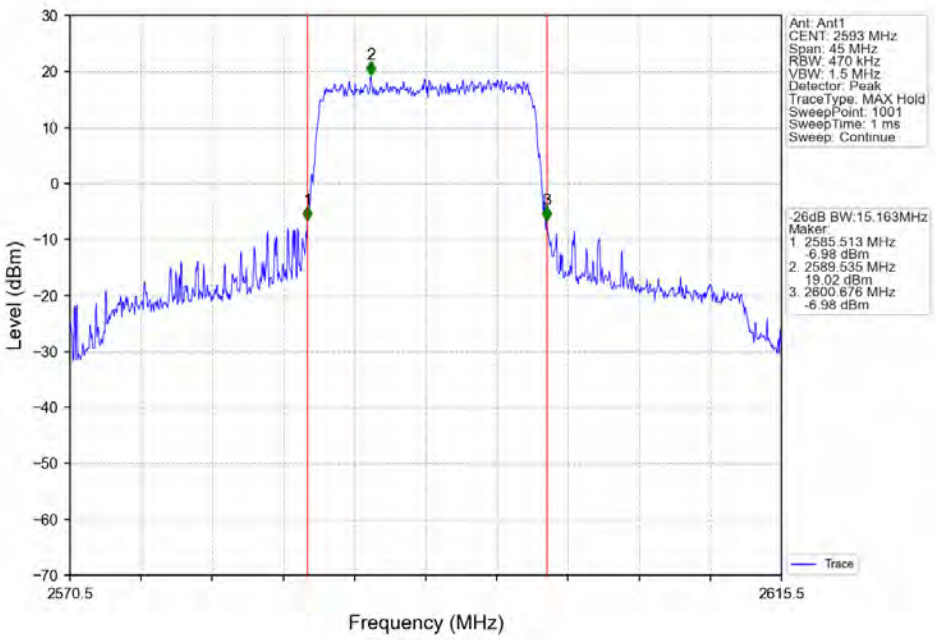
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



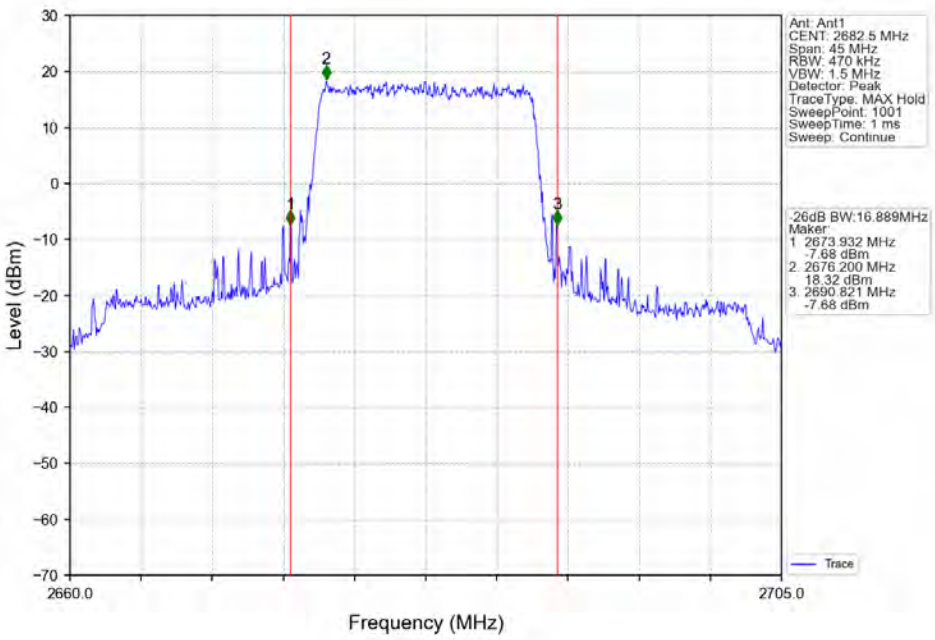
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



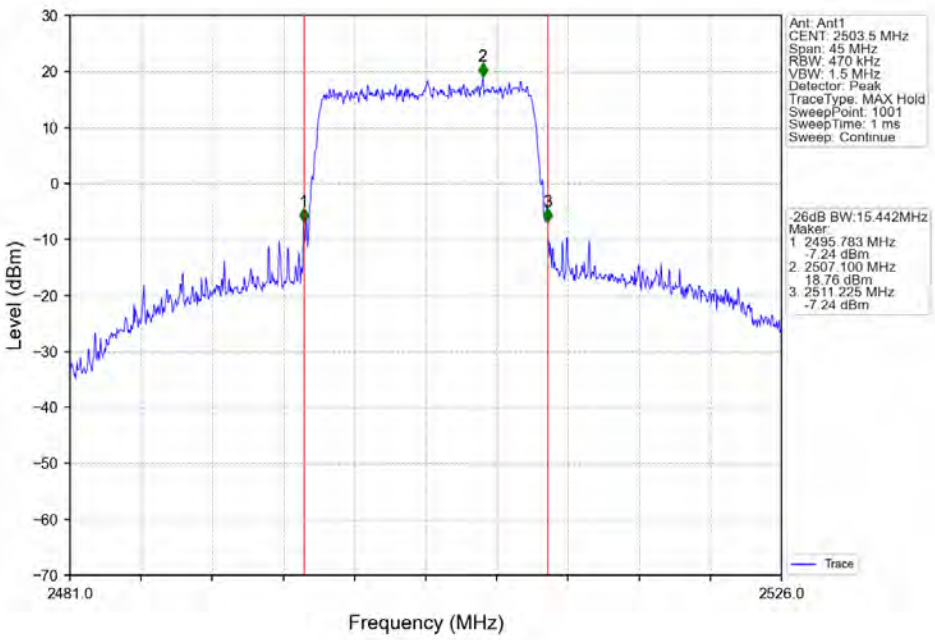
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



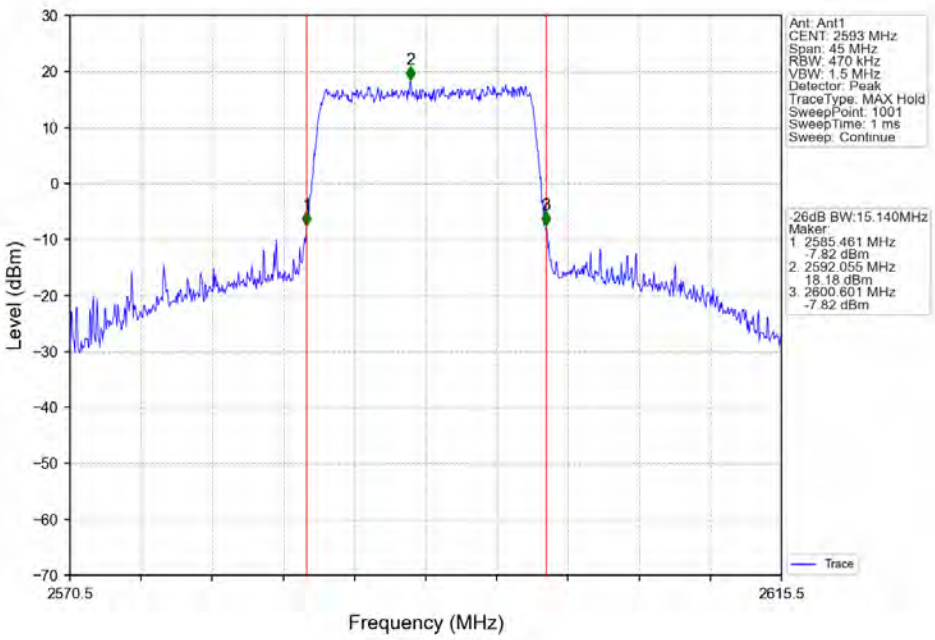
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



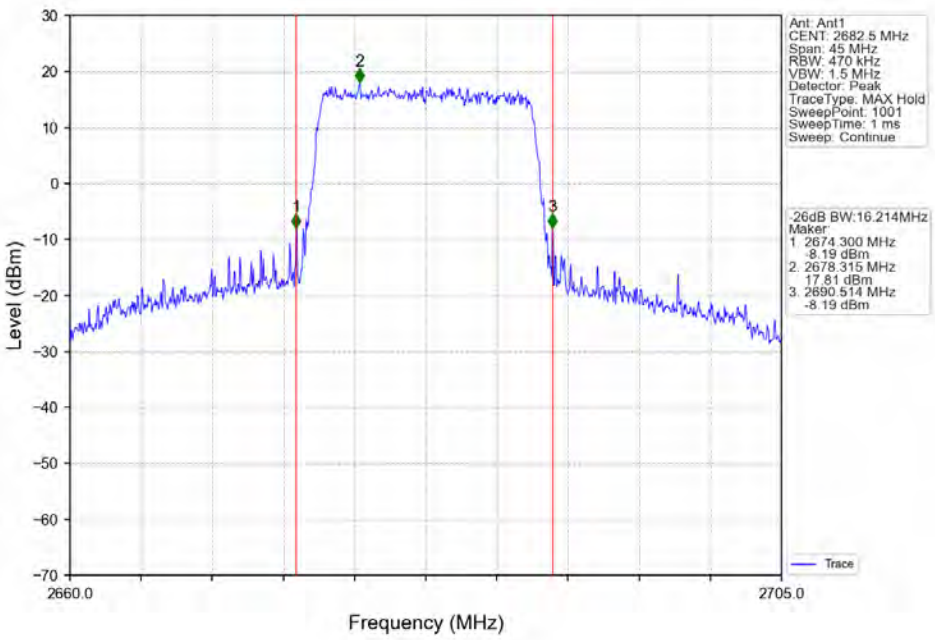
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



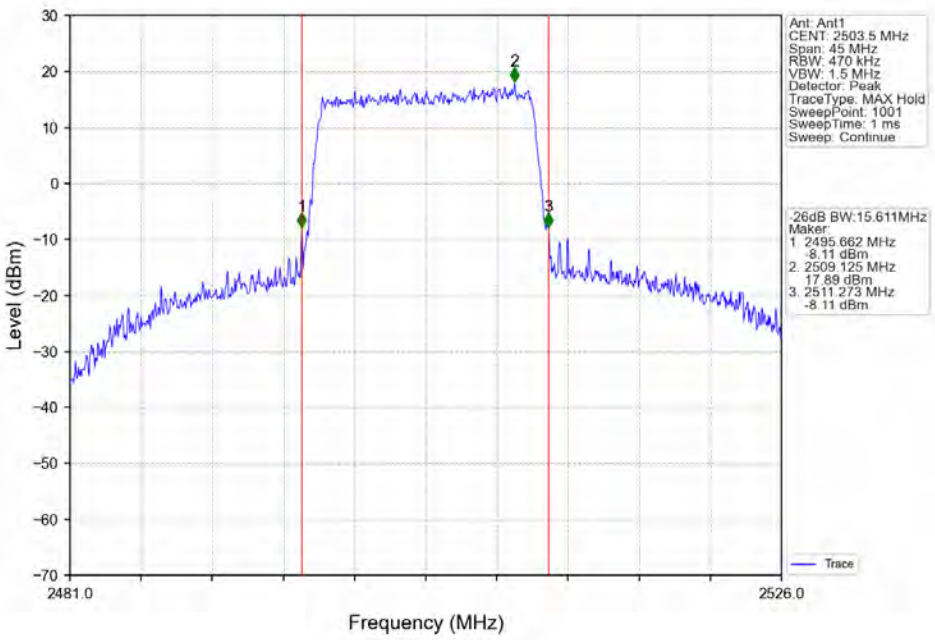
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



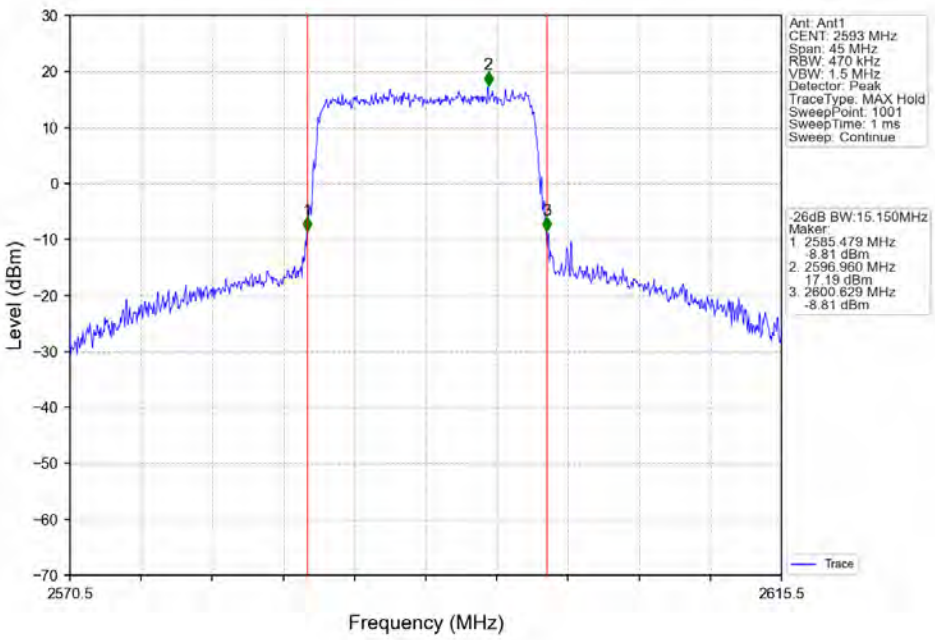
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



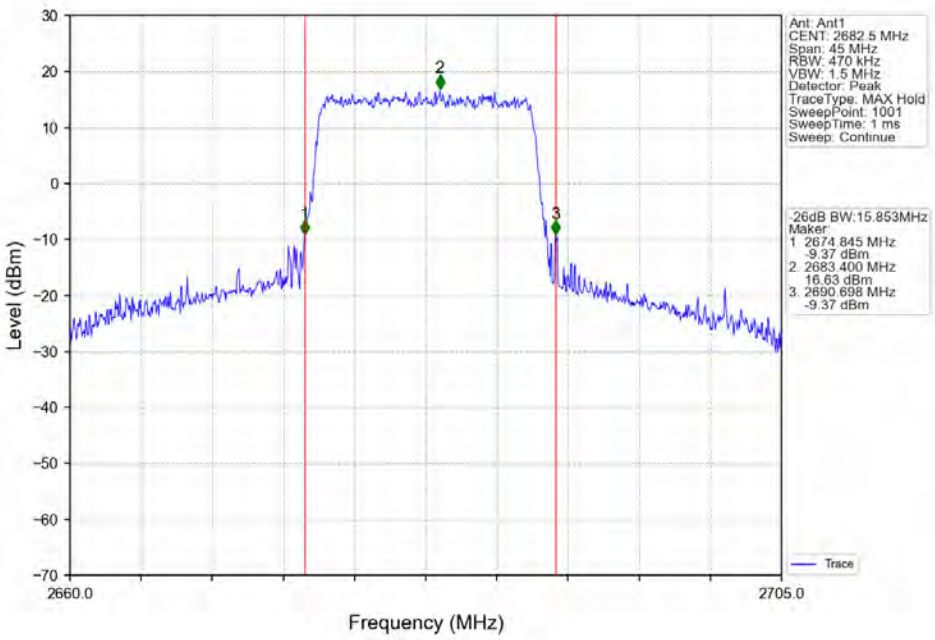
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



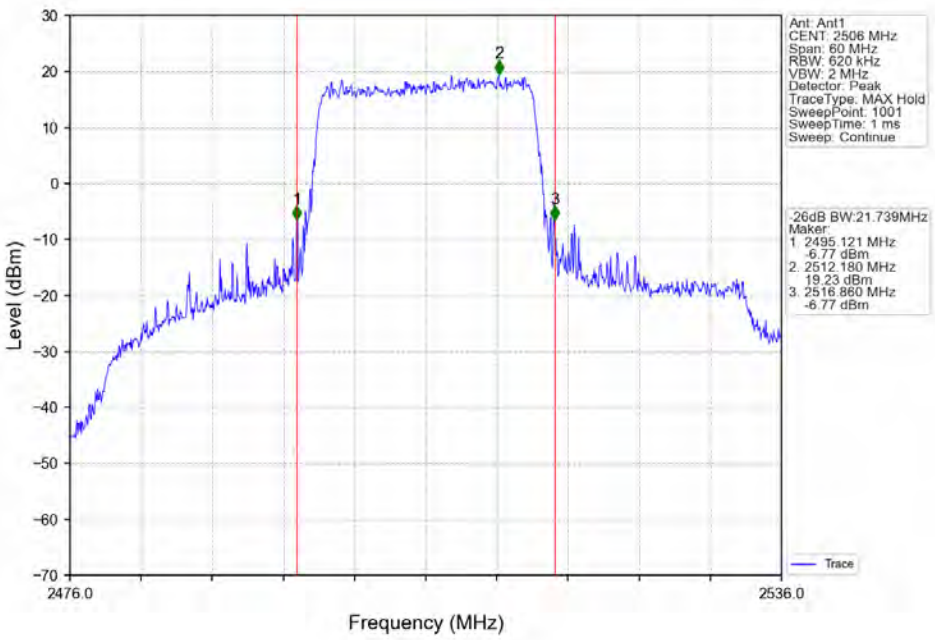
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



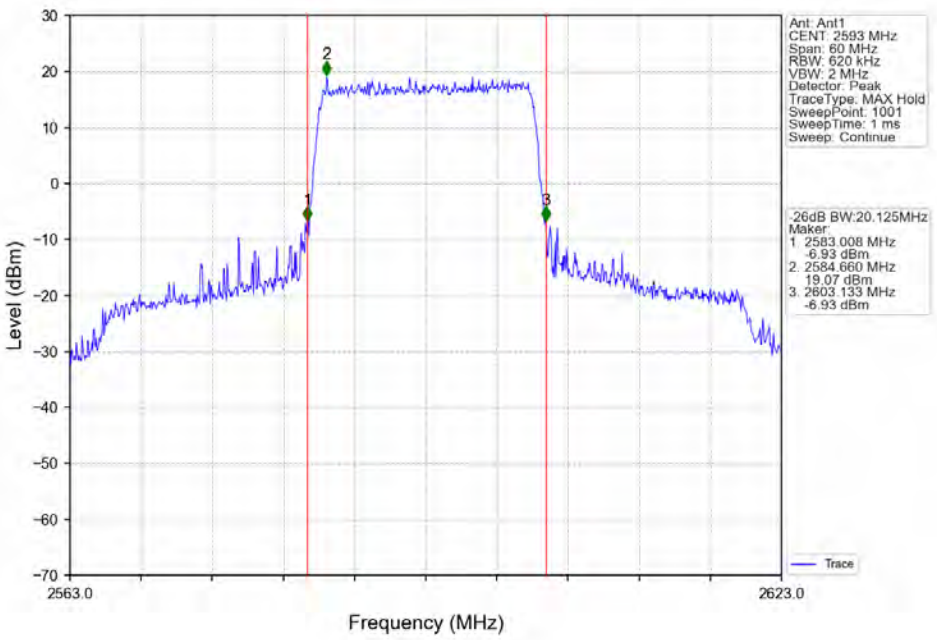
Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



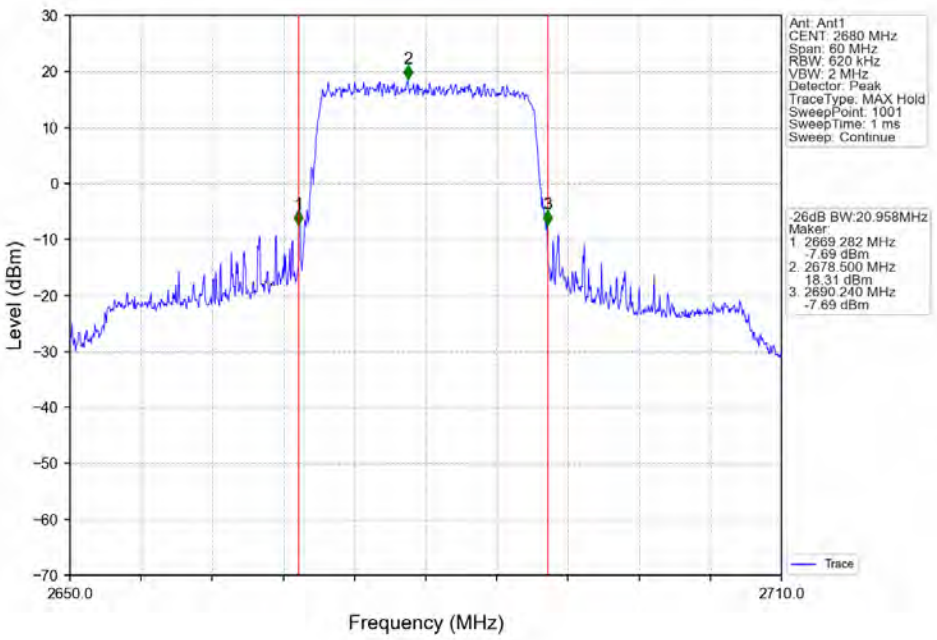
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



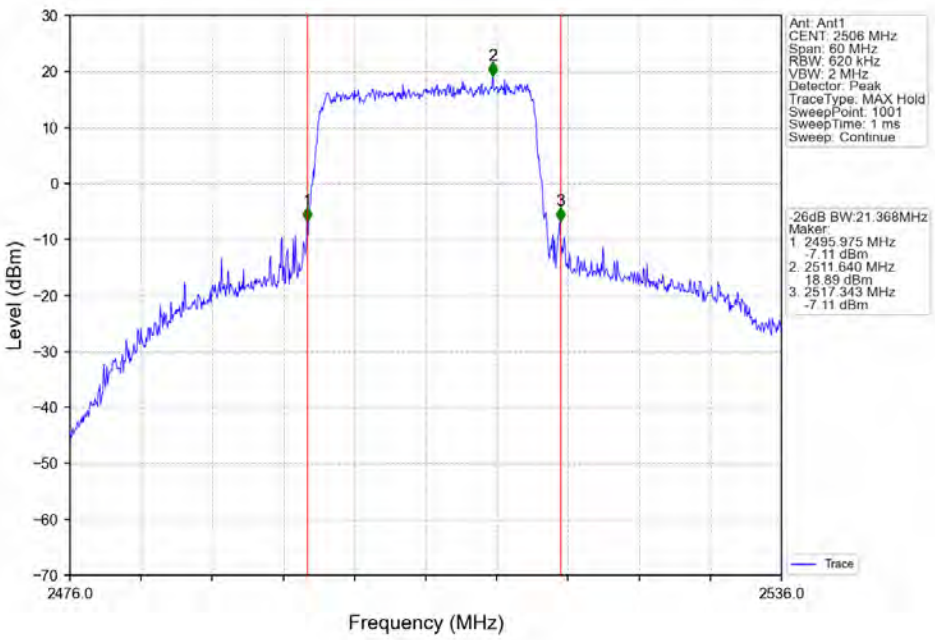
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



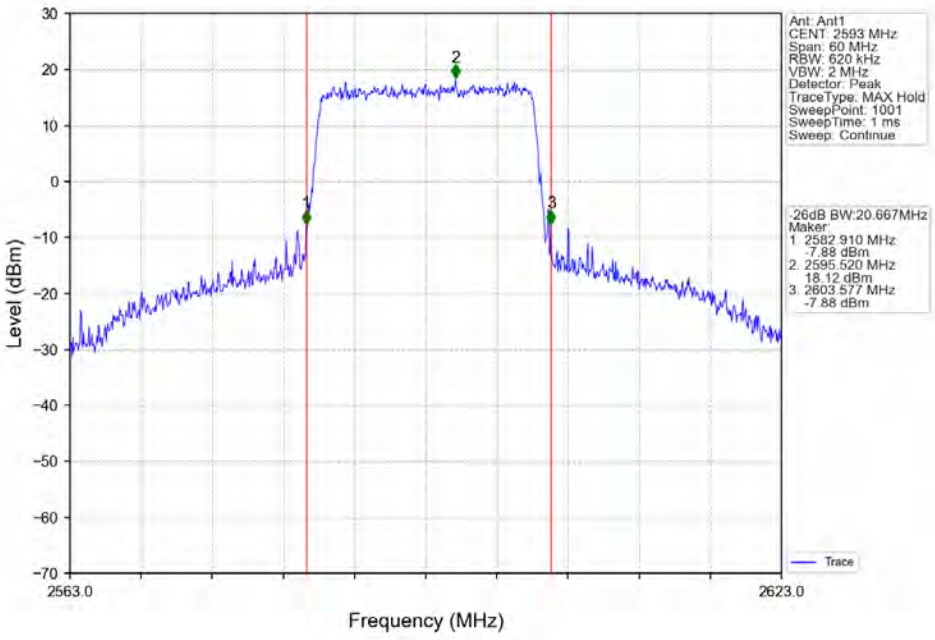
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



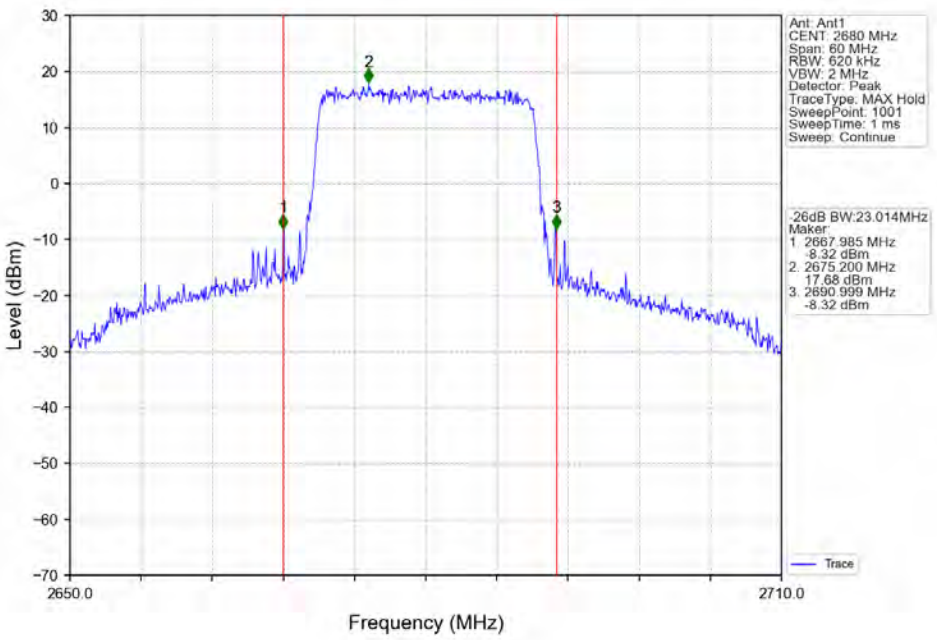
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



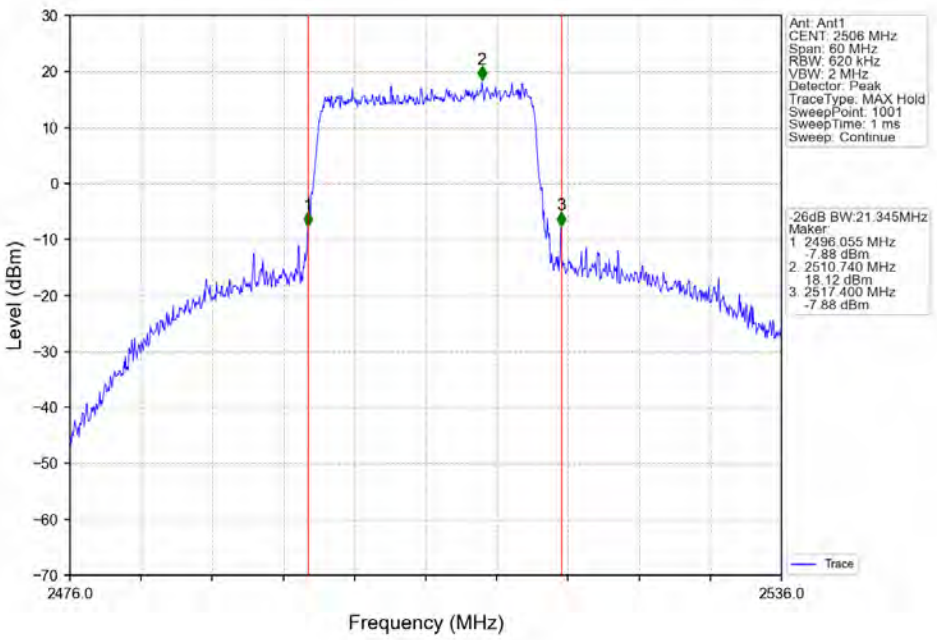
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



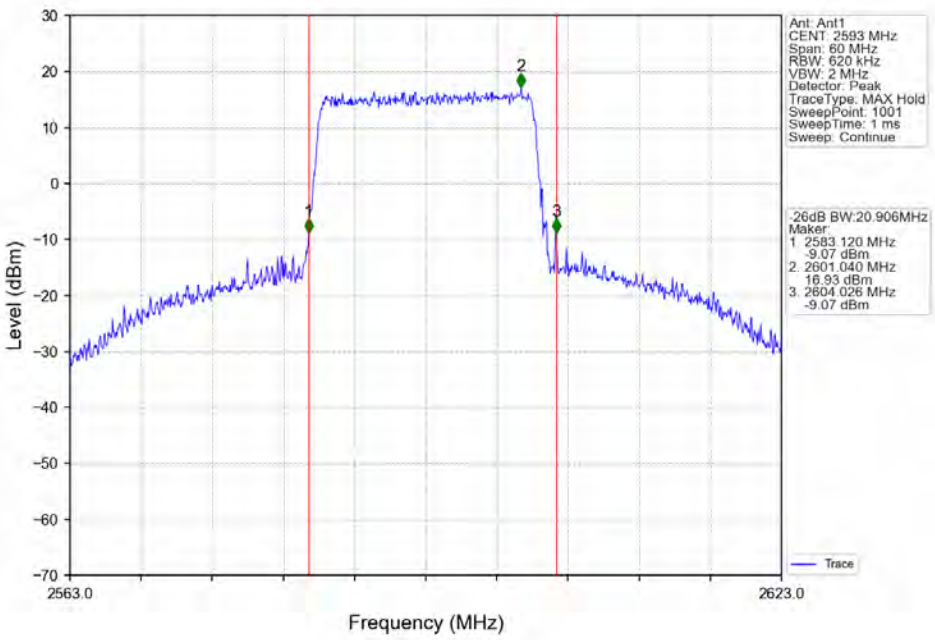
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



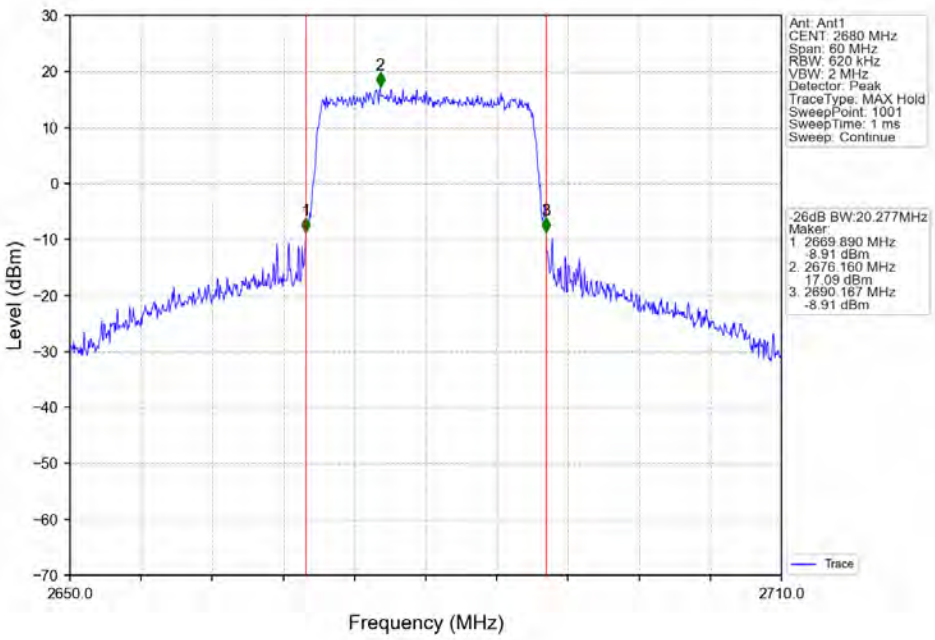
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



4. Peak-Average Ratio

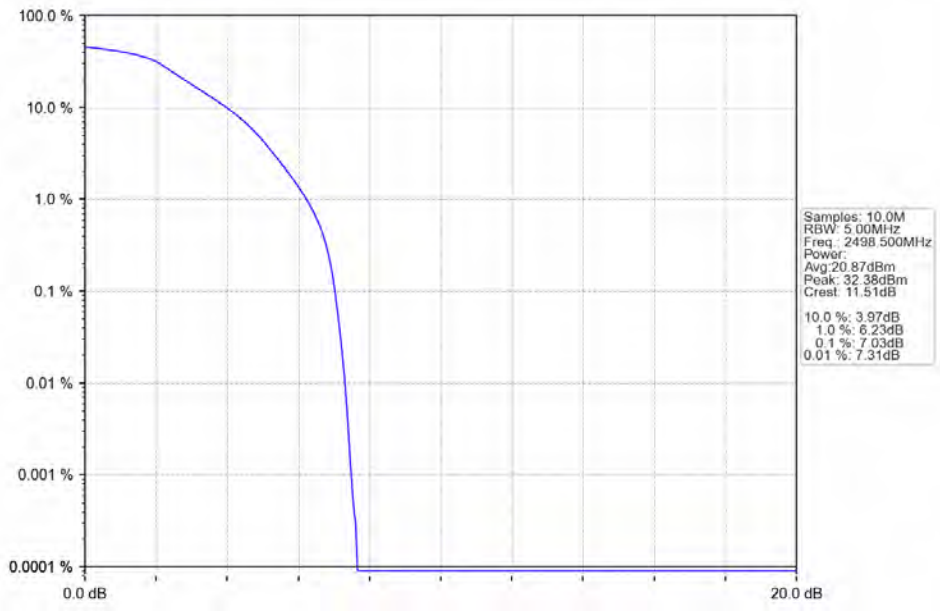
4.1 B41_5MHz

4.1.1 Test Result

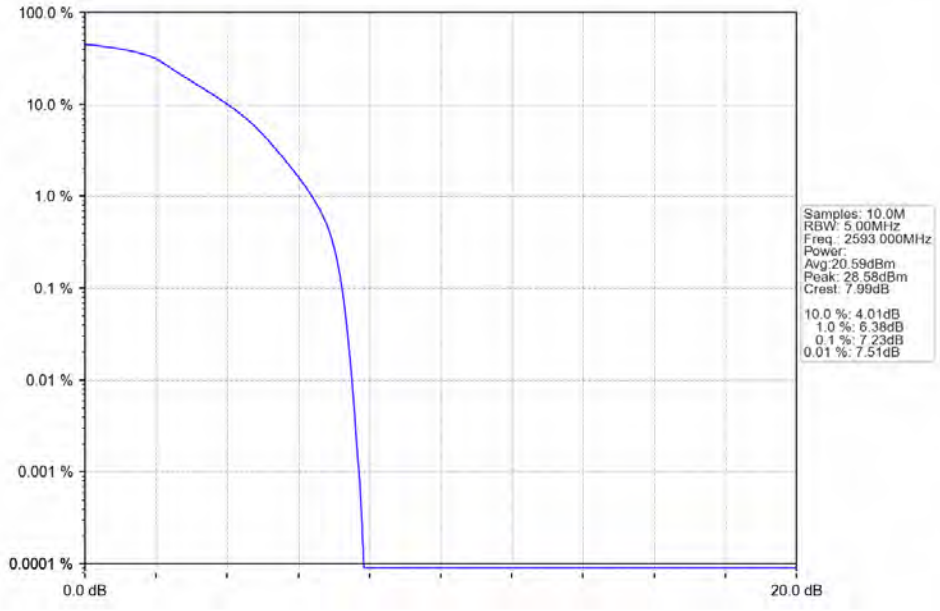
Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	7.03	<=13	Pass
	2593	25	0	7.23	<=13	Pass
	2687.5	25	0	7.00	<=13	Pass
16QAM	2498.5	25	0	7.87	<=13	Pass
	2593	25	0	8.32	<=13	Pass
	2687.5	25	0	8.07	<=13	Pass
64QAM	2498.5	25	0	8.40	<=13	Pass
	2593	25	0	8.40	<=13	Pass
	2687.5	25	0	8.39	<=13	Pass

4.1.2 Test Graph

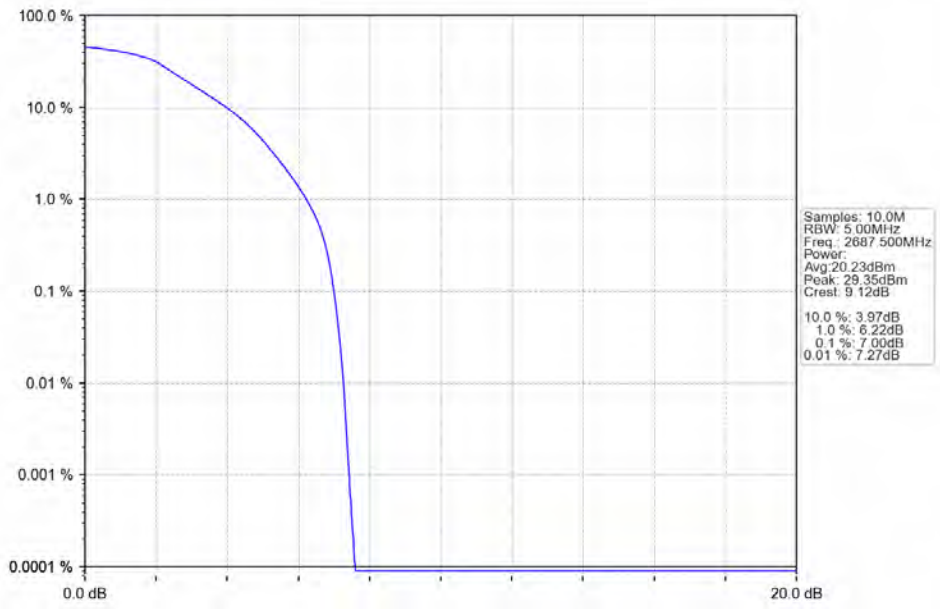
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



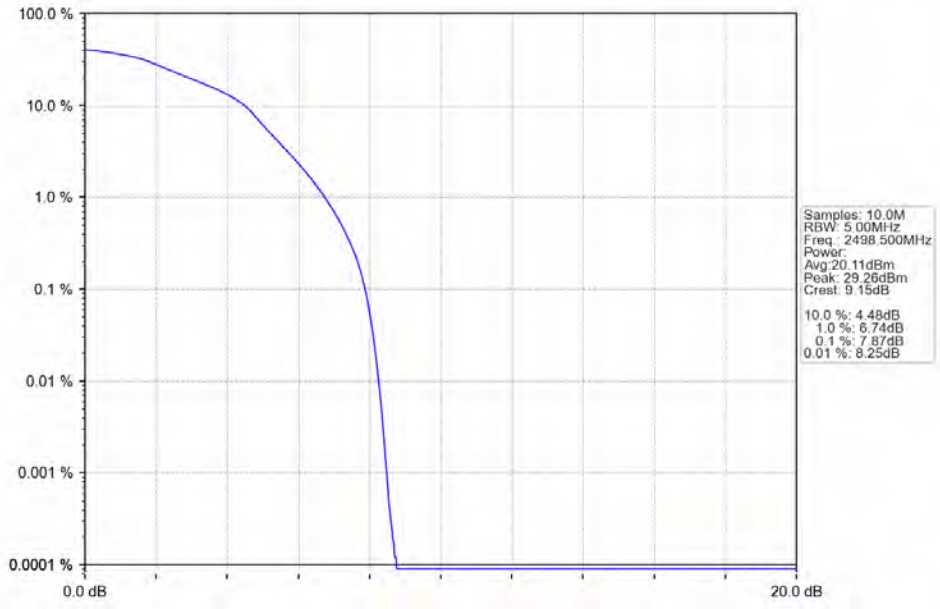
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



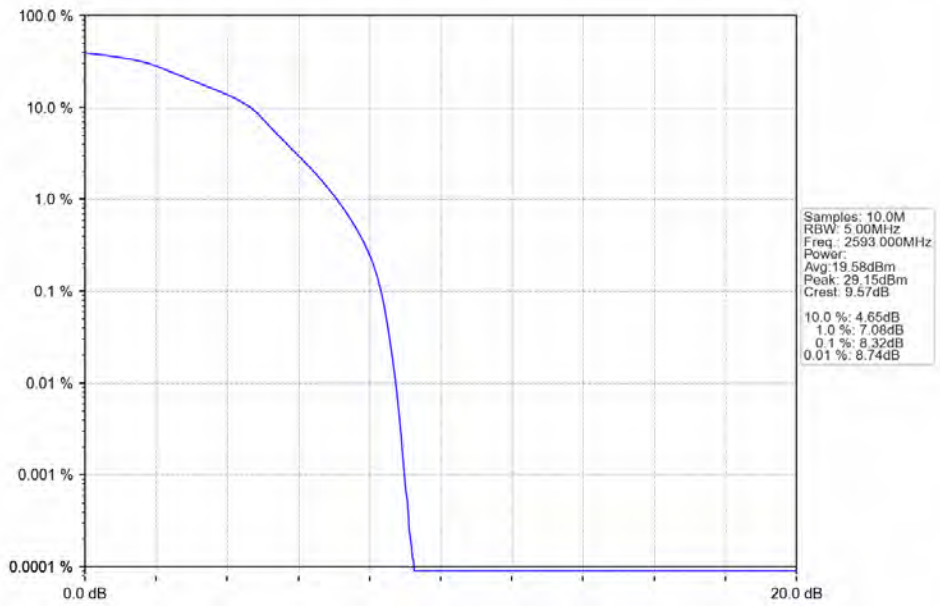
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



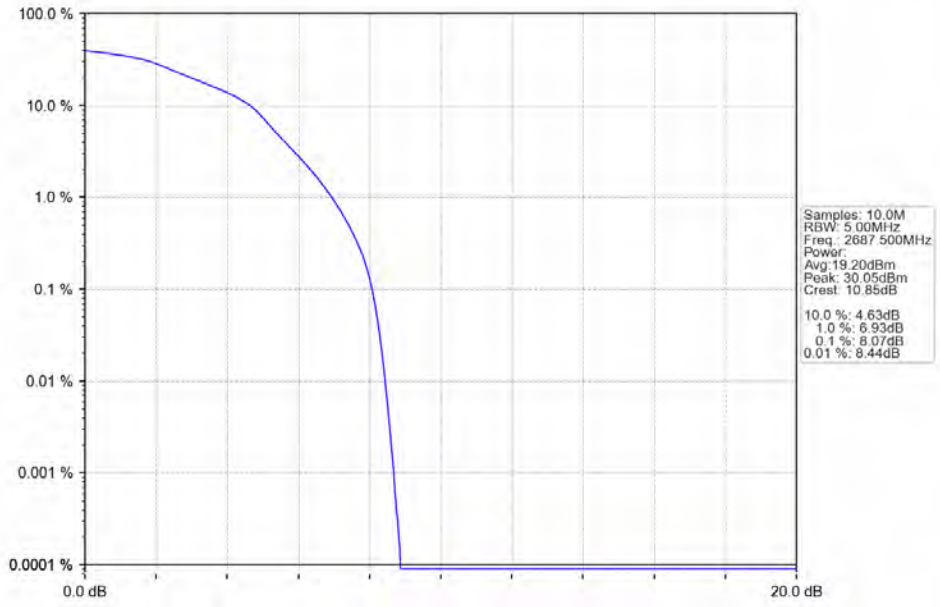
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV



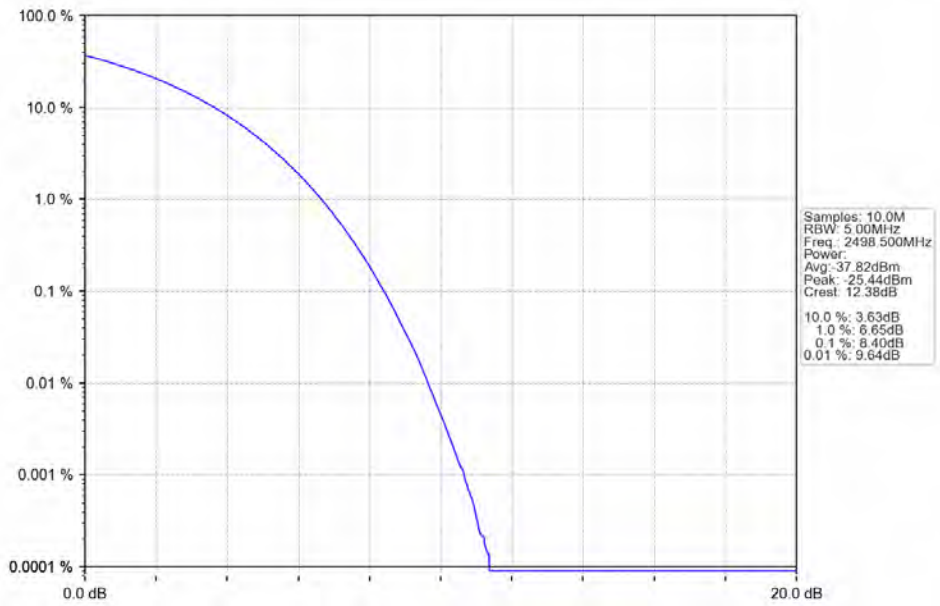
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



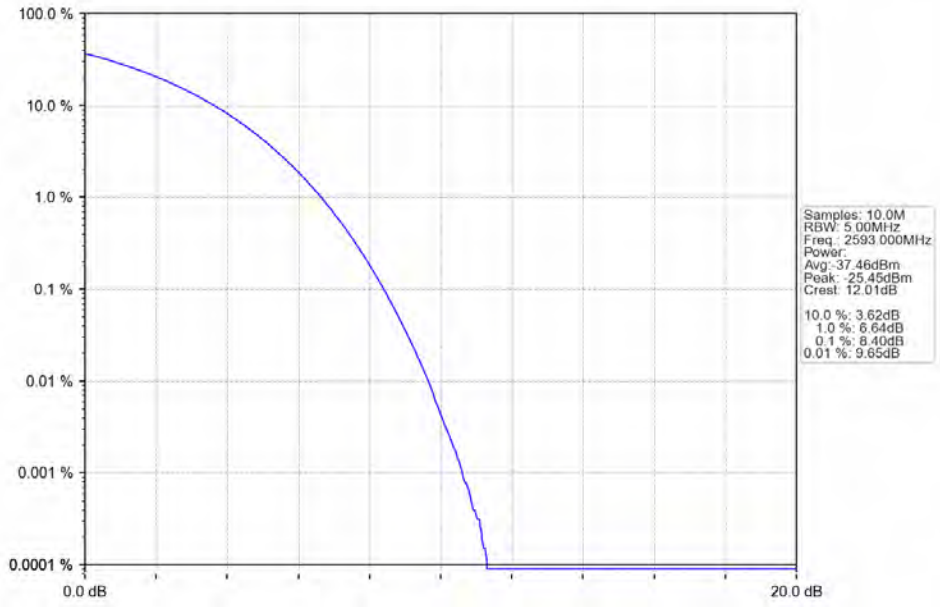
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



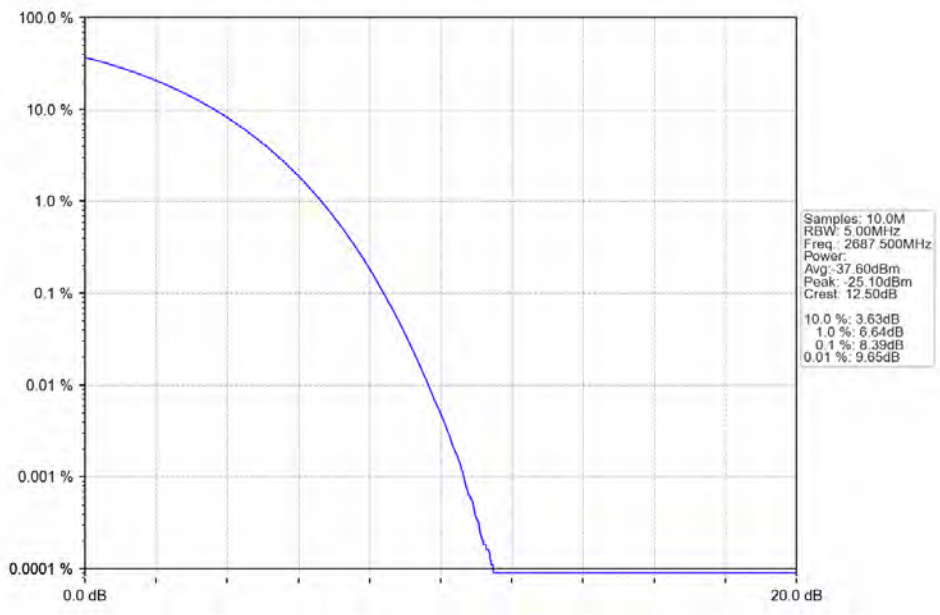
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



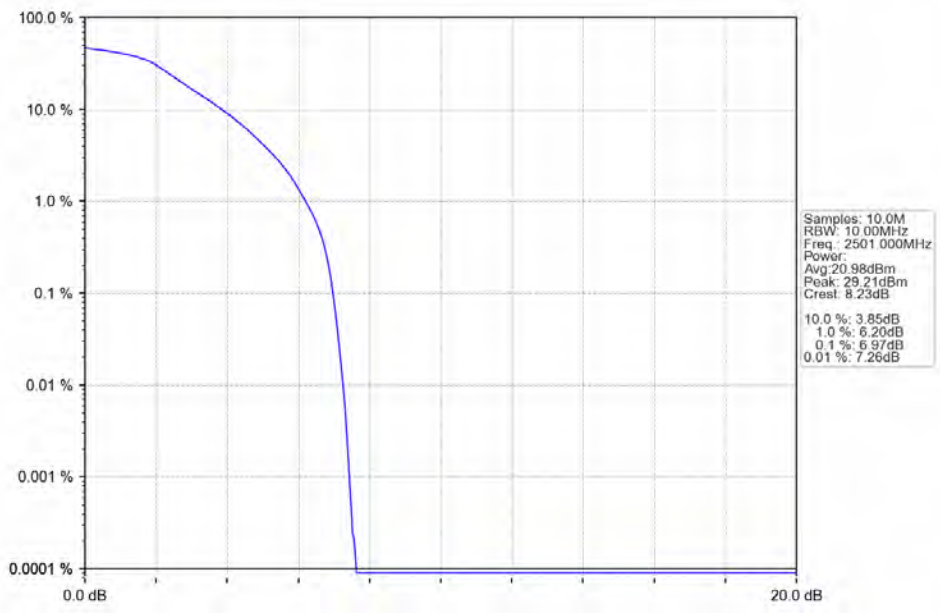
4.2 B41_10MHz

4.2.1 Test Result

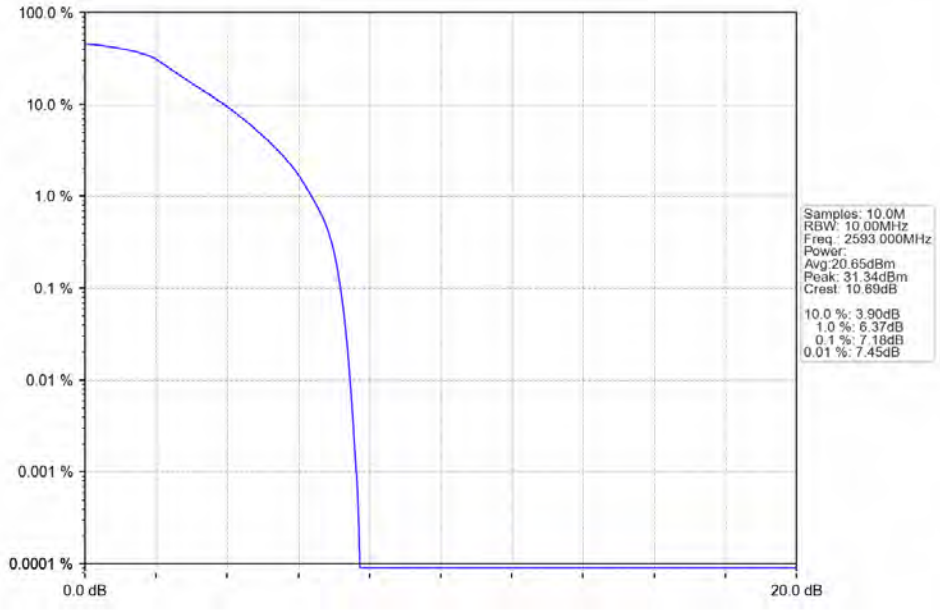
Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	6.97	<=13	Pass
	2593	50	0	7.18	<=13	Pass
	2685	50	0	6.92	<=13	Pass
16QAM	2501	50	0	8.07	<=13	Pass
	2593	50	0	8.25	<=13	Pass
	2685	50	0	8.17	<=13	Pass
64QAM	2501	50	0	8.40	<=13	Pass
	2593	50	0	8.41	<=13	Pass
	2685	50	0	8.39	<=13	Pass

4.2.2 Test Graph

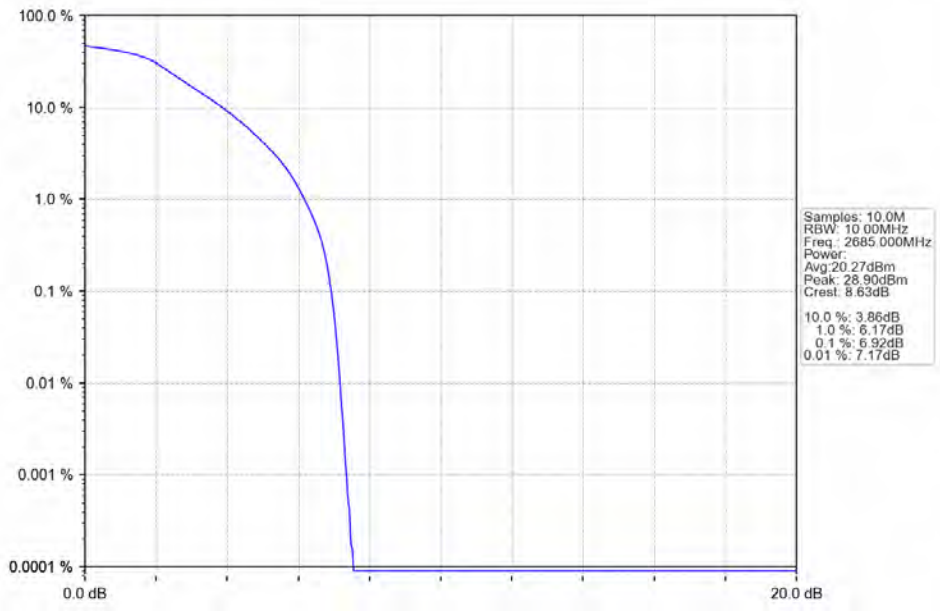
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



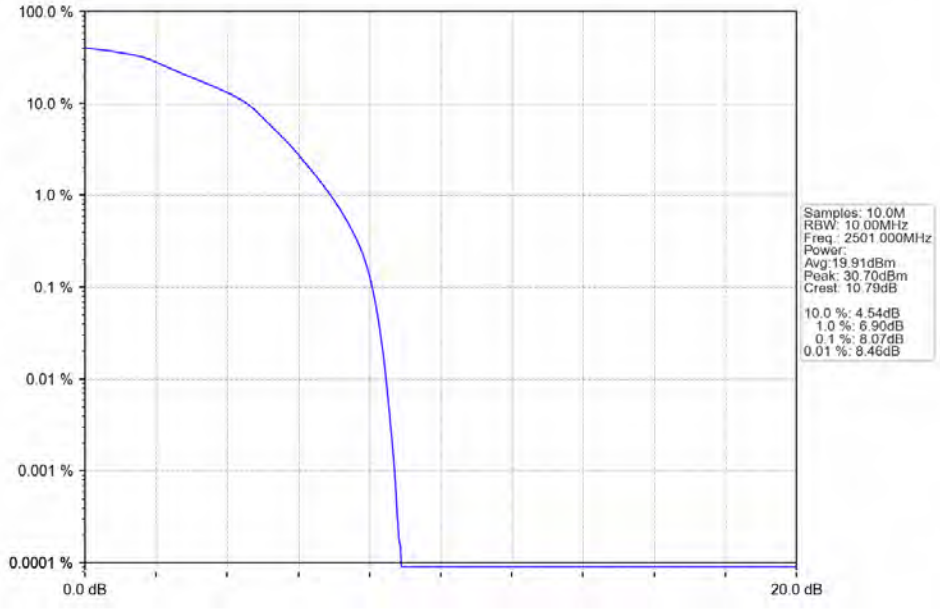
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



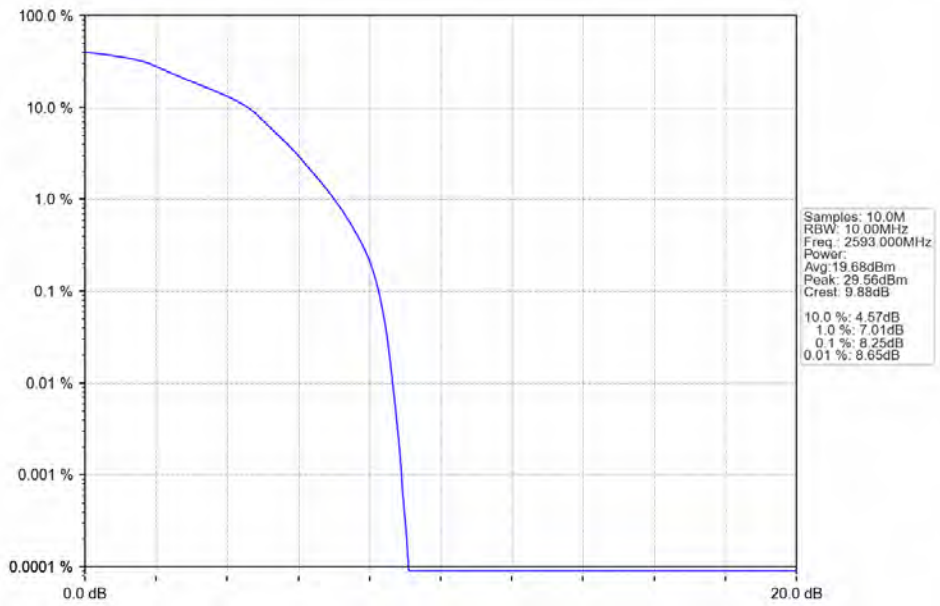
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



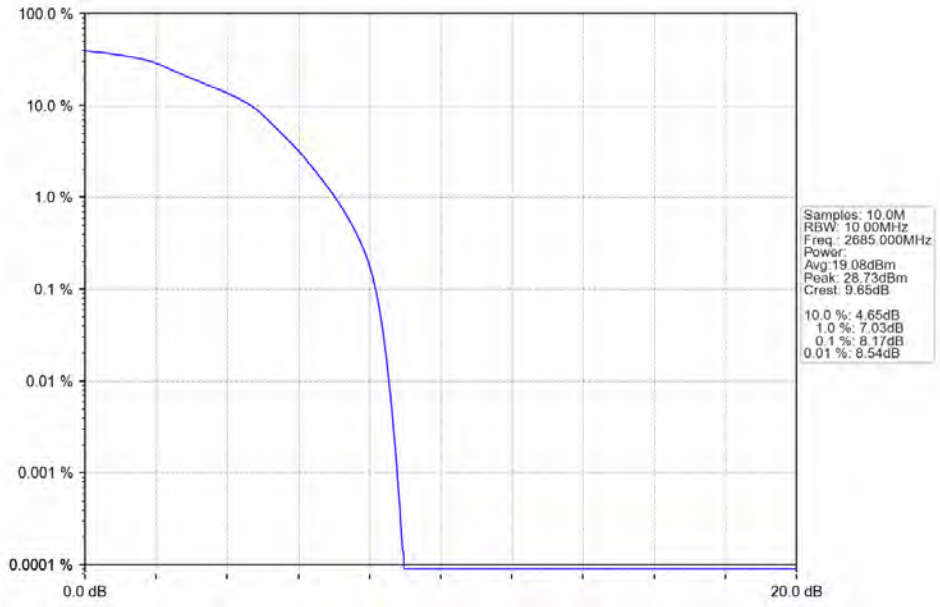
Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



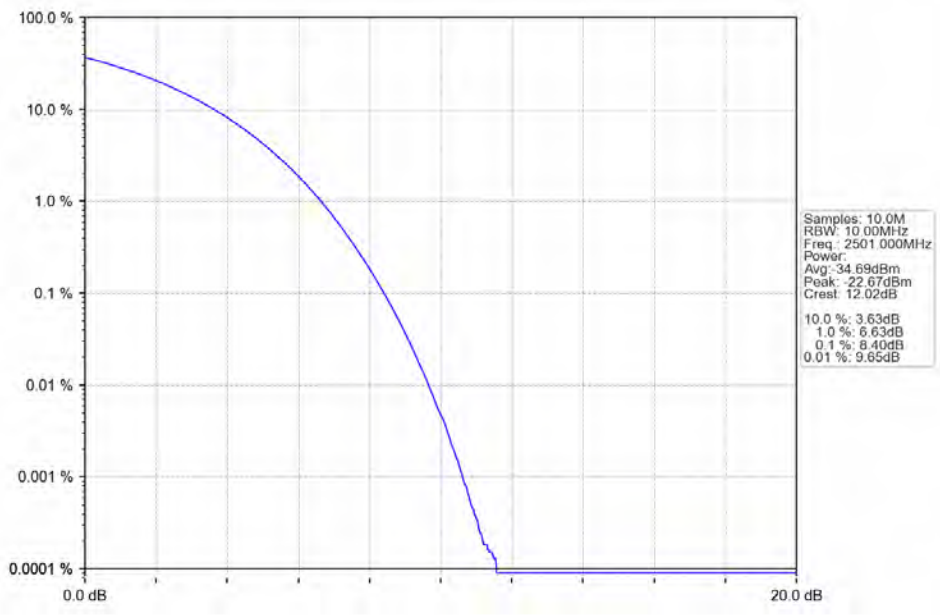
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



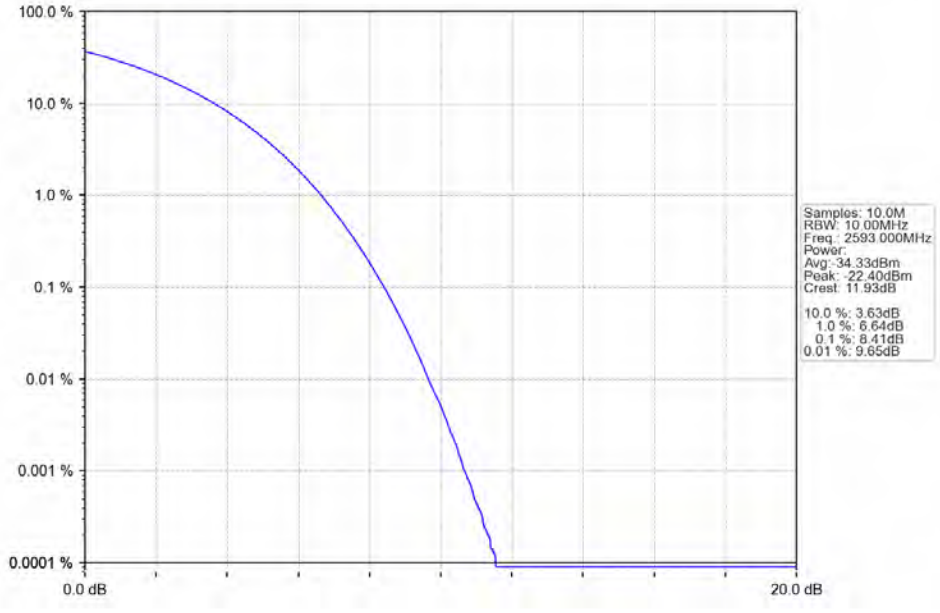
Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



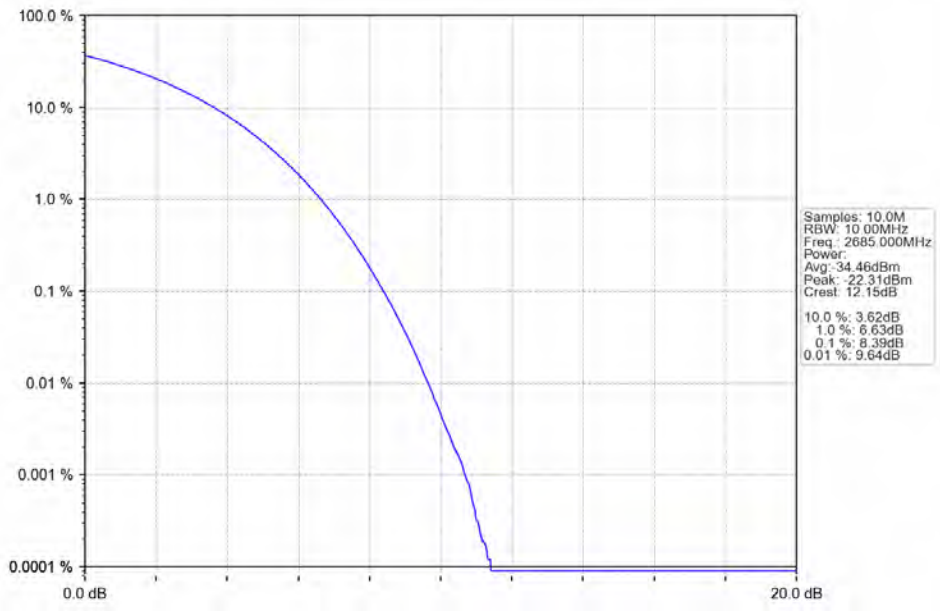
Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



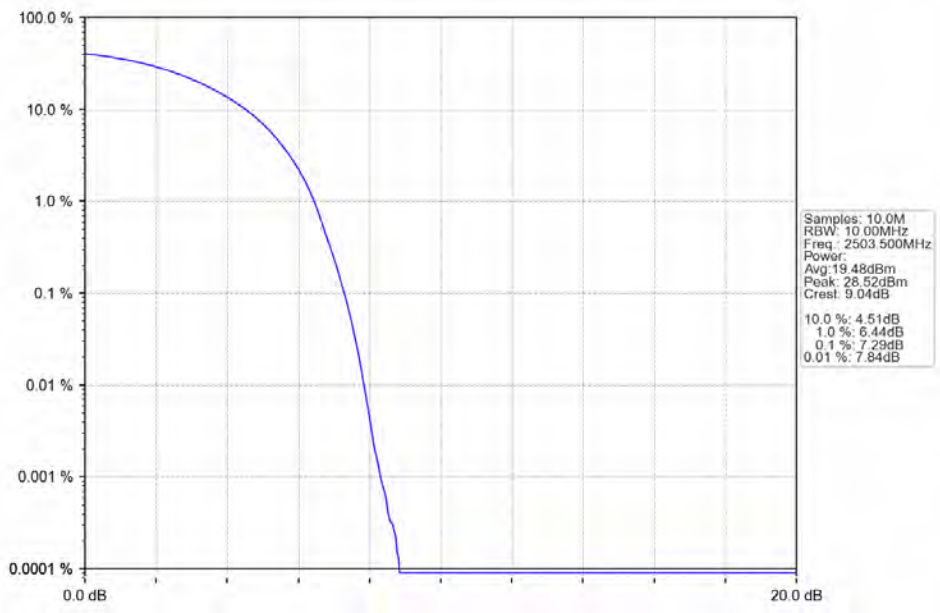
4.3 B41_15MHz

4.3.1 Test Result

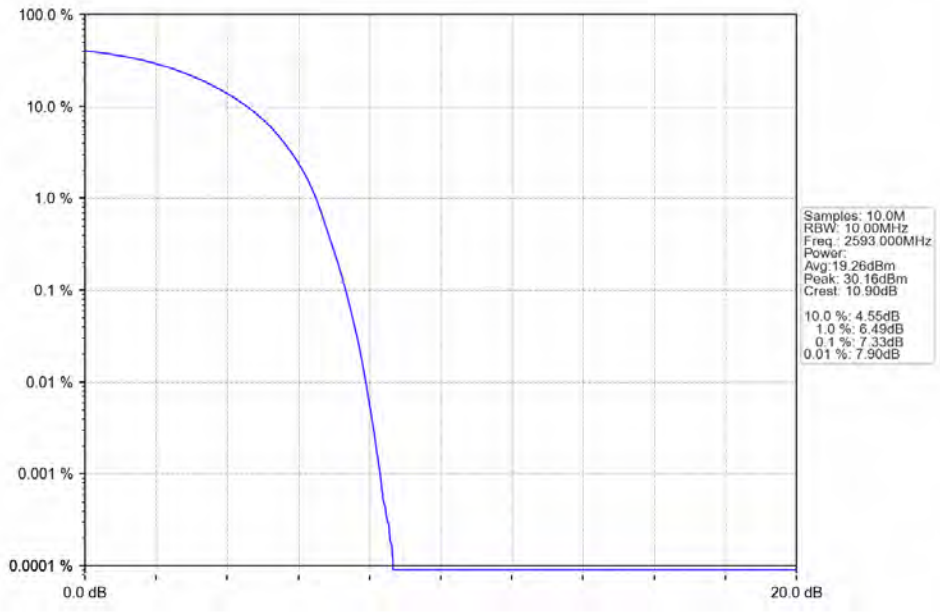
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	7.29	<=13	Pass
	2593	75	0	7.33	<=13	Pass
	2682.5	75	0	7.23	<=13	Pass
16QAM	2503.5	75	0	8.44	<=13	Pass
	2593	75	0	9.06	<=13	Pass
	2682.5	75	0	8.43	<=13	Pass
64QAM	2503.5	75	0	11.14	<=13	Pass
	2593	75	0	8.39	<=13	Pass
	2682.5	75	0	8.40	<=13	Pass

4.3.2 Test Graph

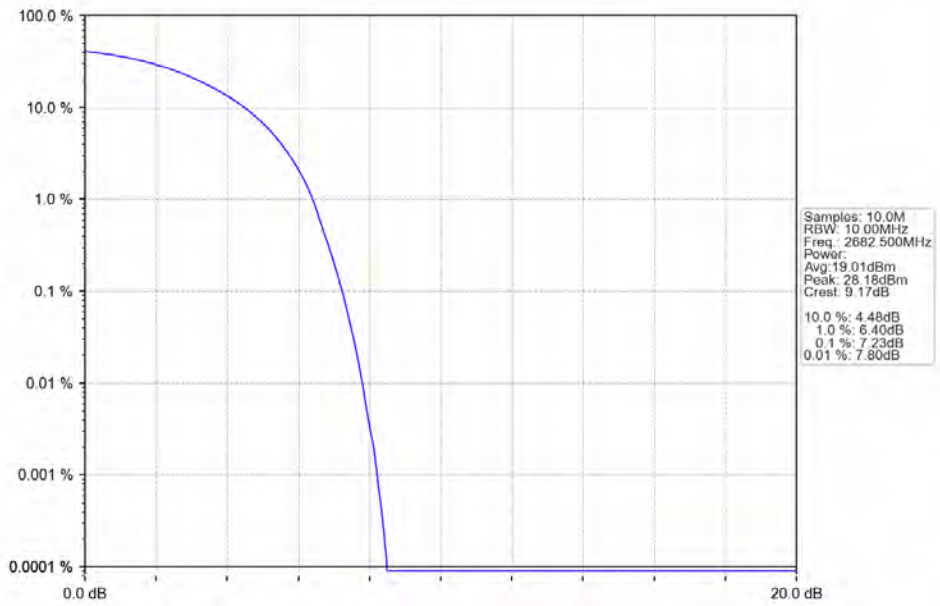
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



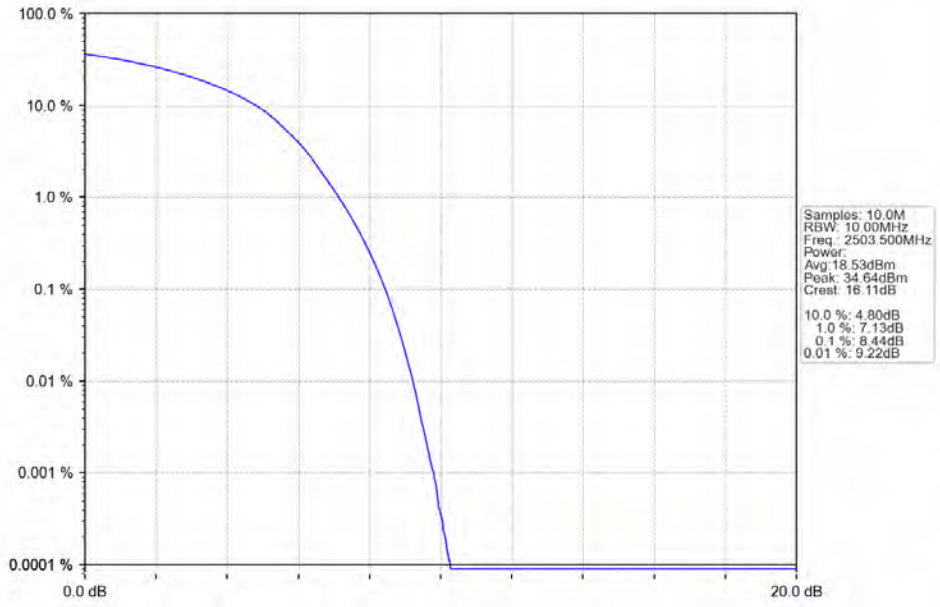
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



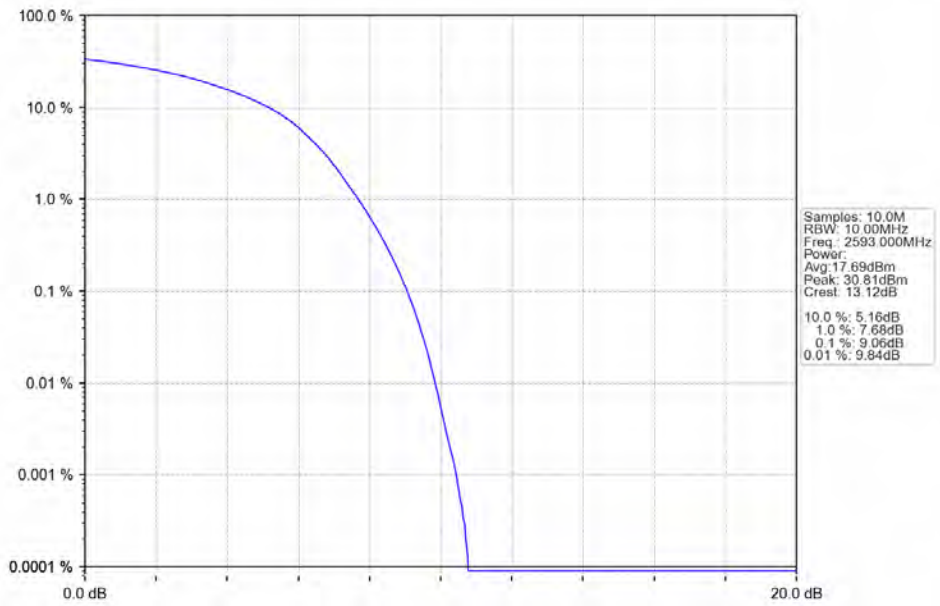
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



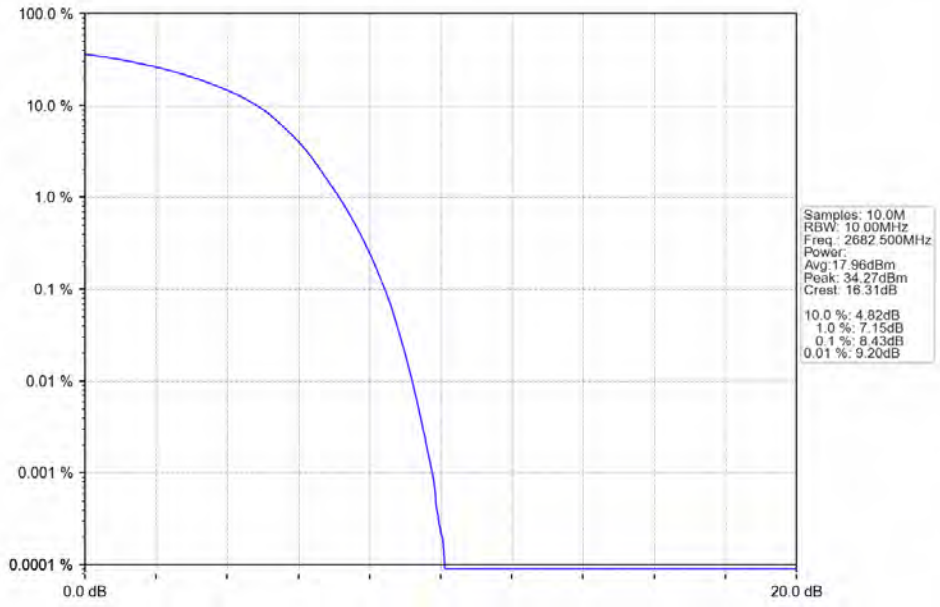
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



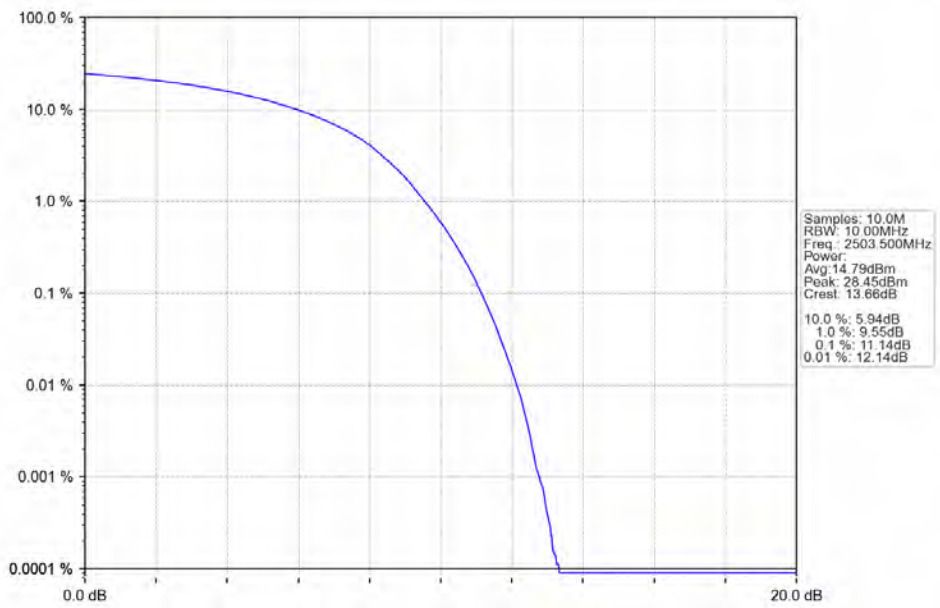
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



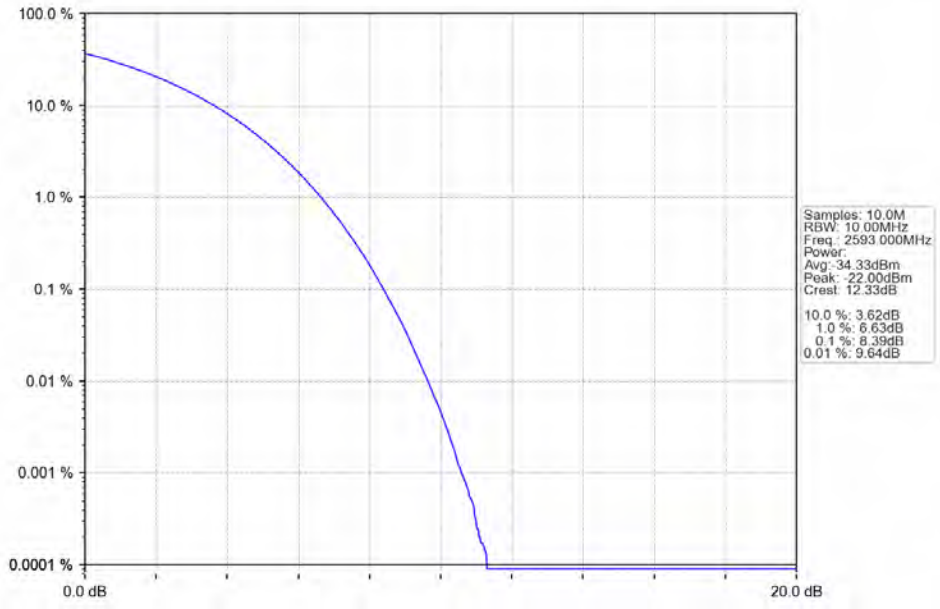
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



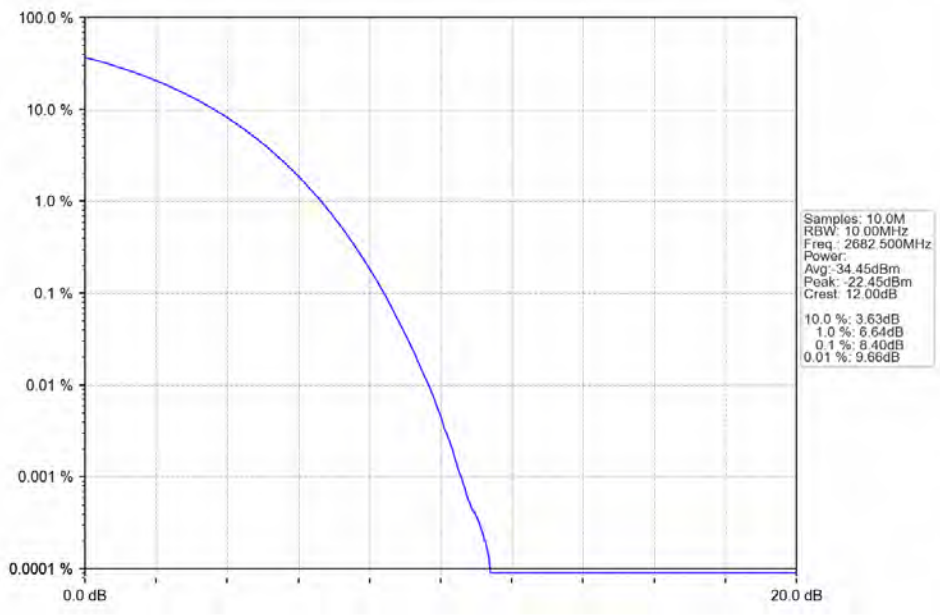
Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



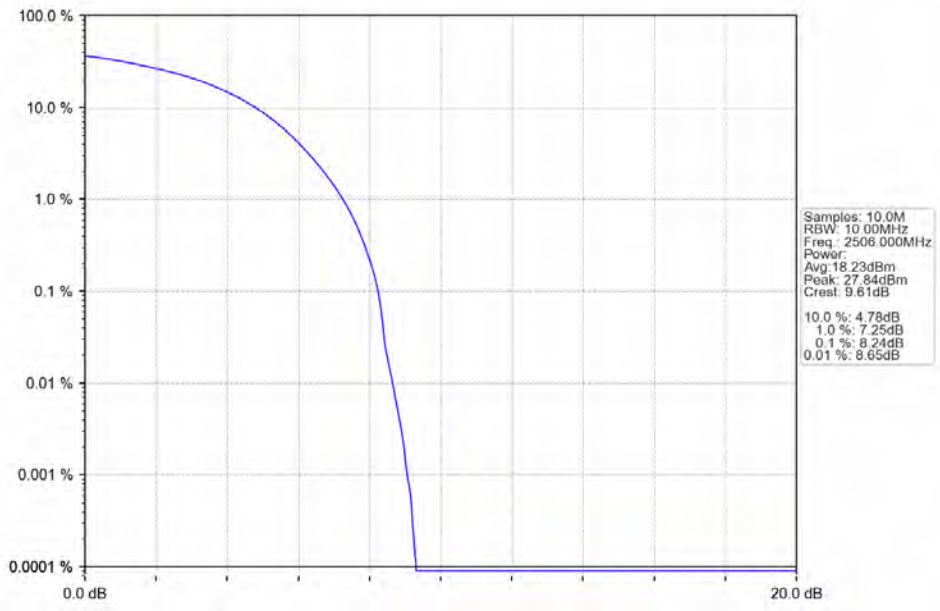
4.4 B41_20MHz

4.4.1 Test Result

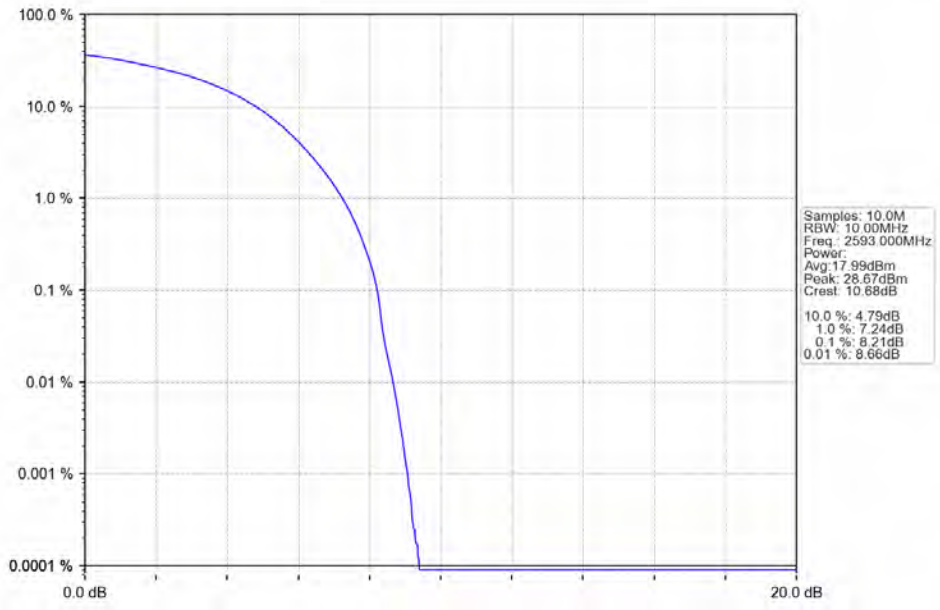
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	100	0	8.24	<=13	Pass
	2593	100	0	8.21	<=13	Pass
	2680	100	0	8.15	<=13	Pass
16QAM	2506	100	0	8.88	<=13	Pass
	2593	100	0	8.82	<=13	Pass
	2680	100	0	8.82	<=13	Pass
64QAM	2506	100	0	8.39	<=13	Pass
	2593	100	0	9.15	<=13	Pass
	2680	100	0	8.38	<=13	Pass

4.4.2 Test Graph

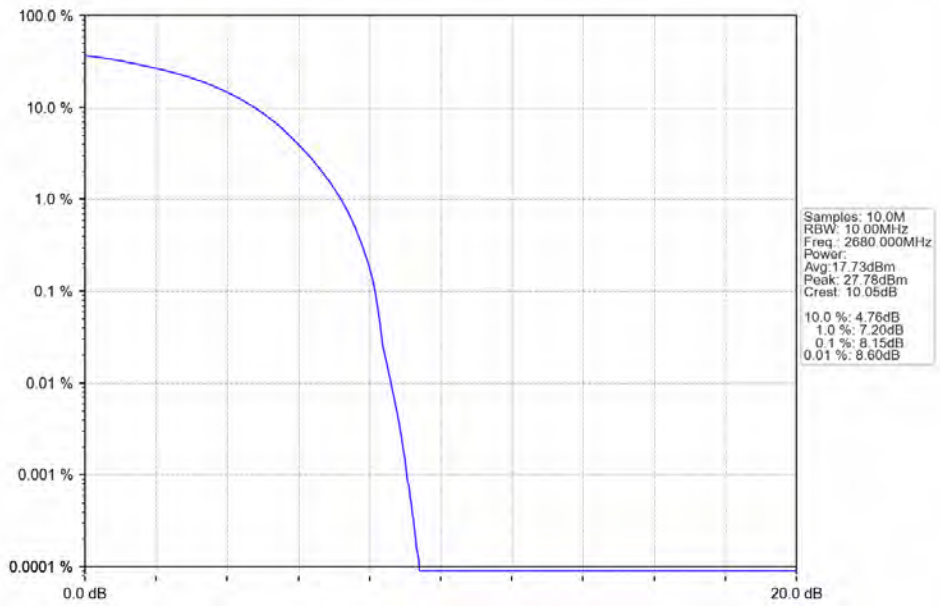
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



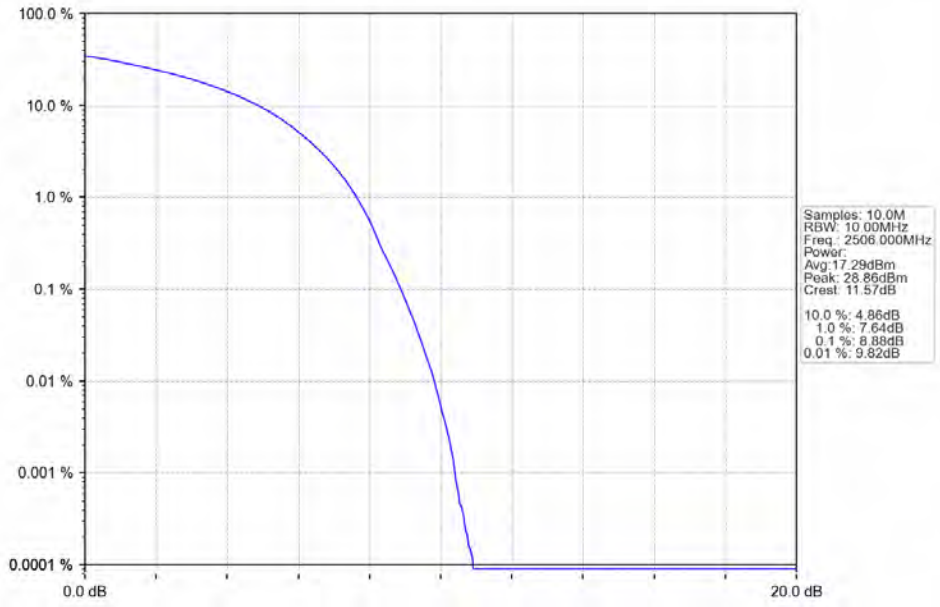
Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



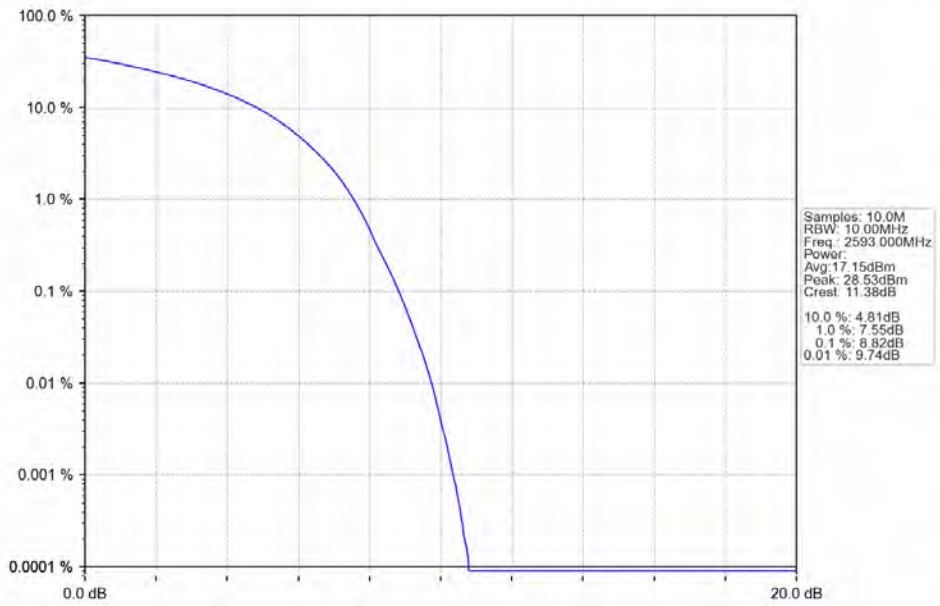
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



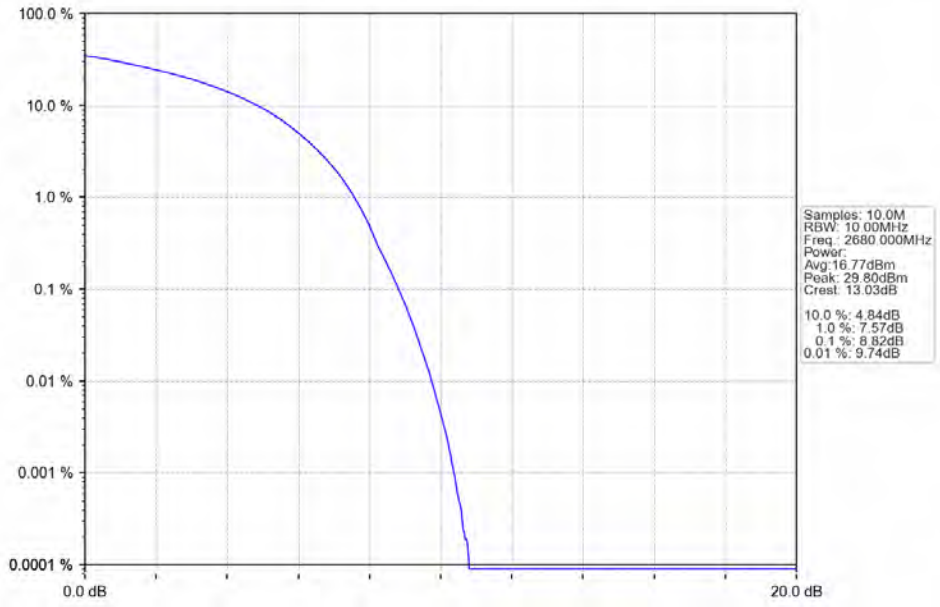
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



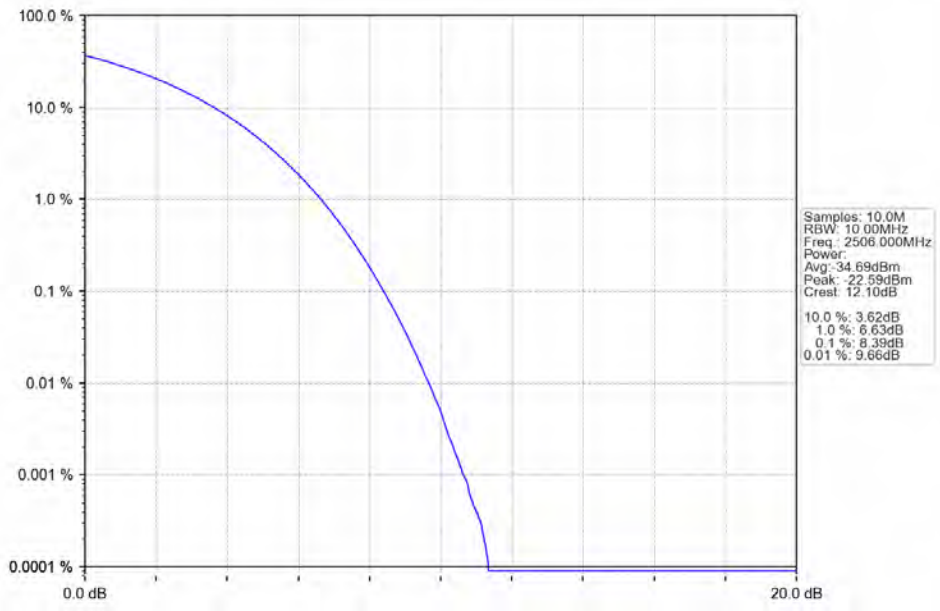
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



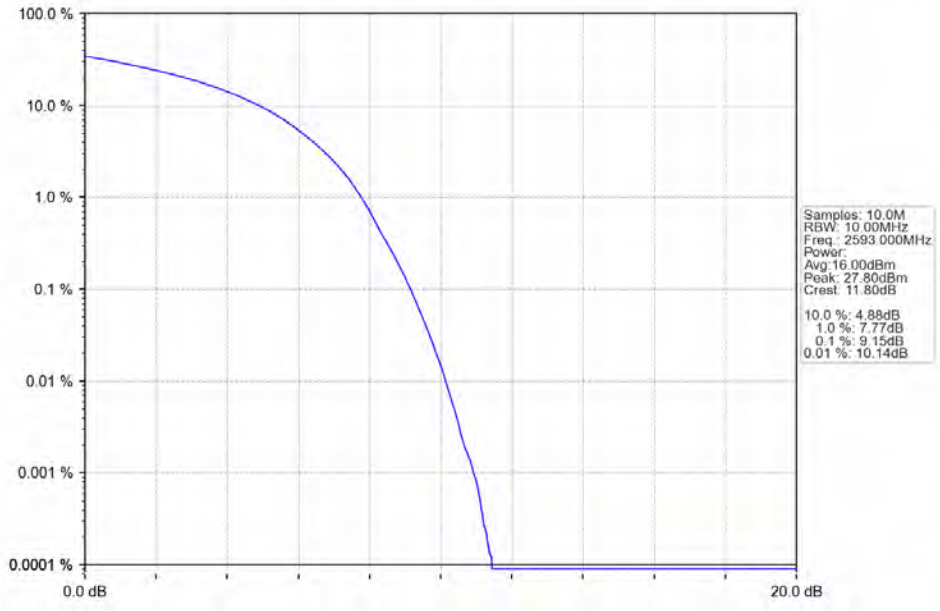
Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



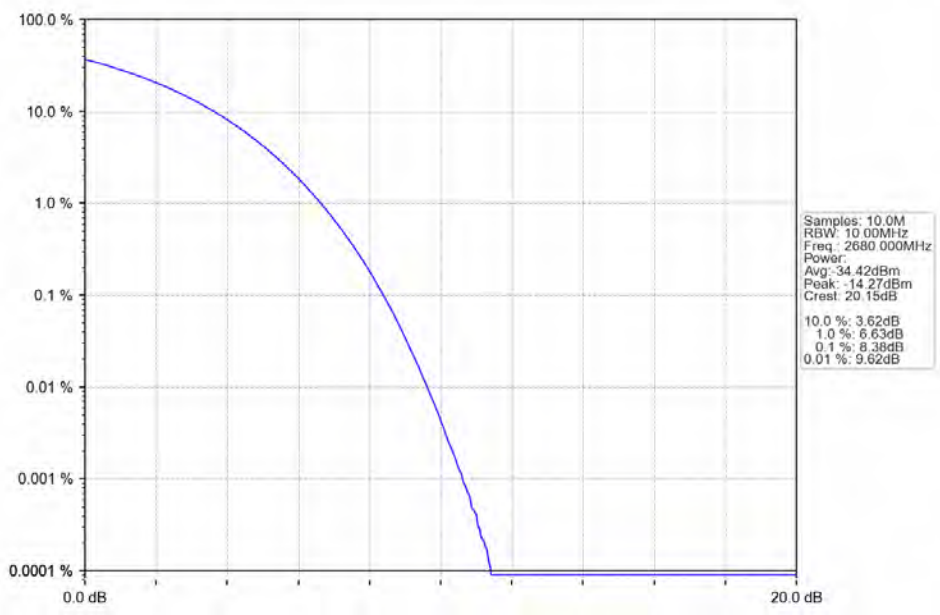
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



5. Spurious Emission

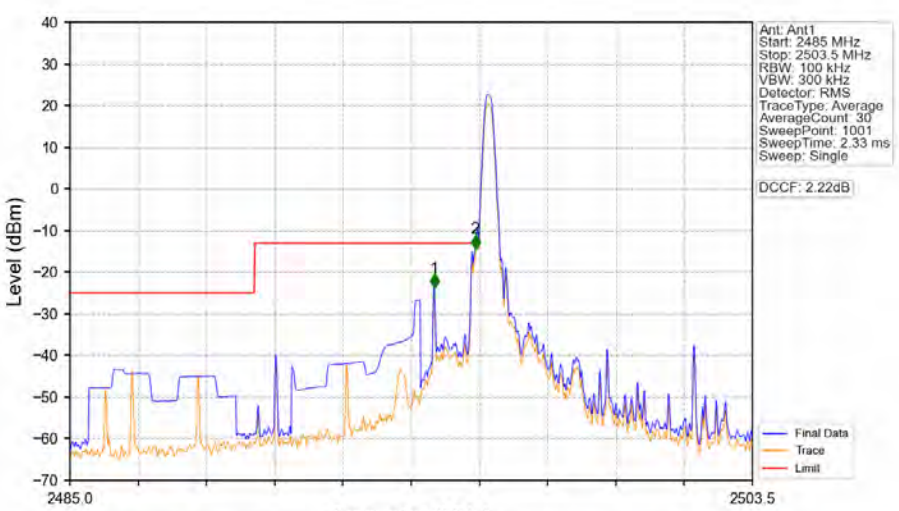
5.1 B41_5MHz

5.1.1 Test Result

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

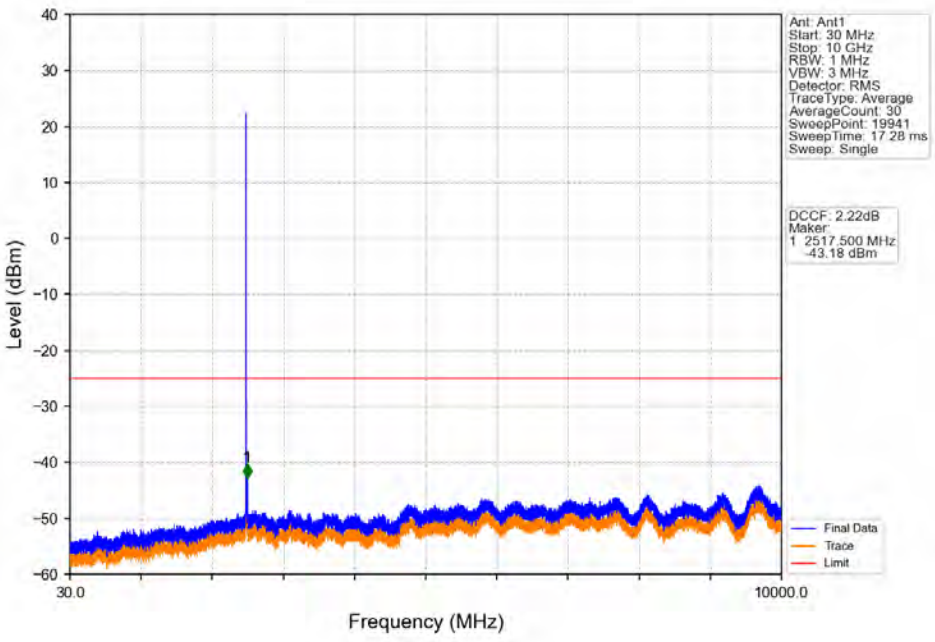
5.1.2 Test Graph

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

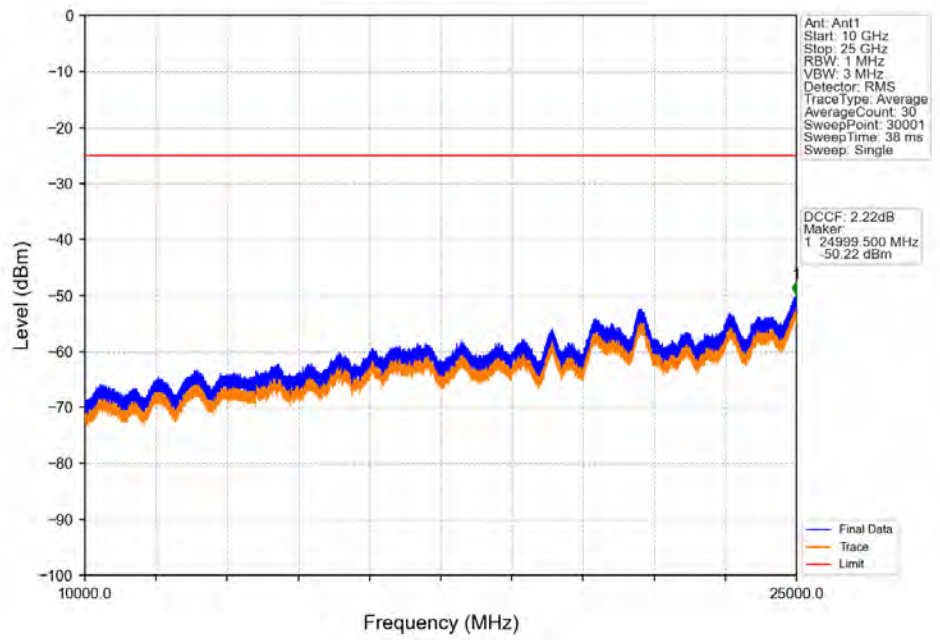


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.879	-23.79	-13	Pass
2495	2496	0.1	/	2	2495.989	-14.44	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

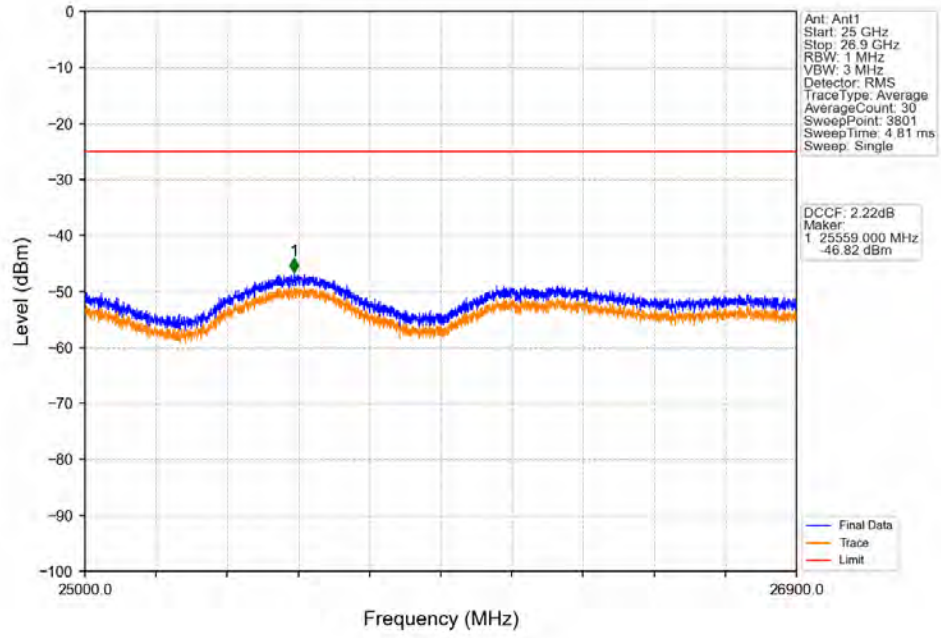
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



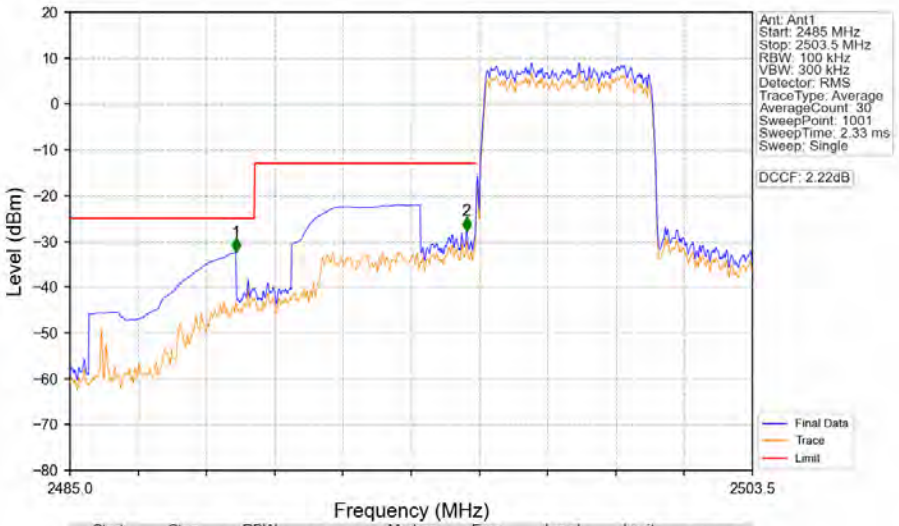
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

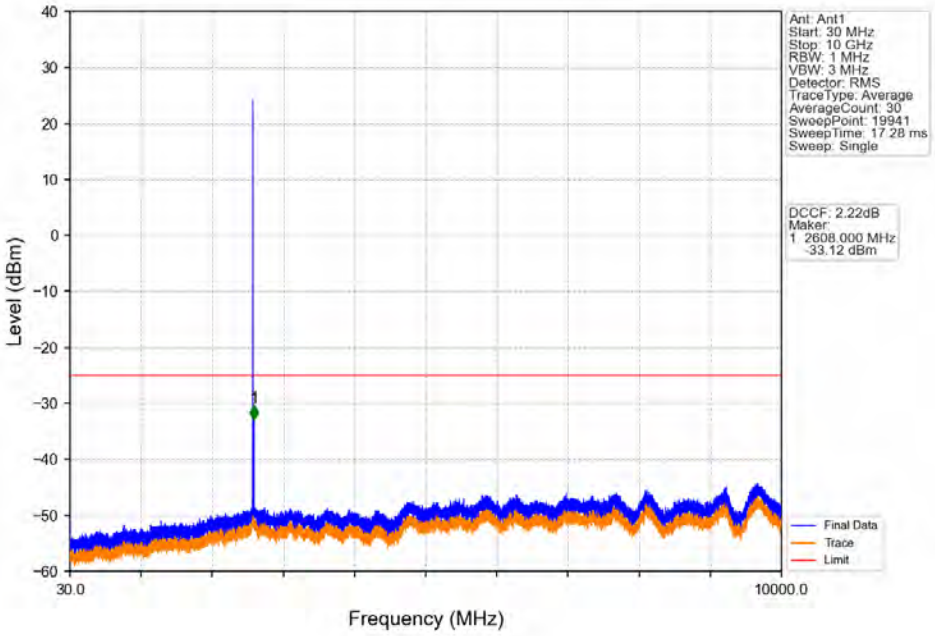


Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV

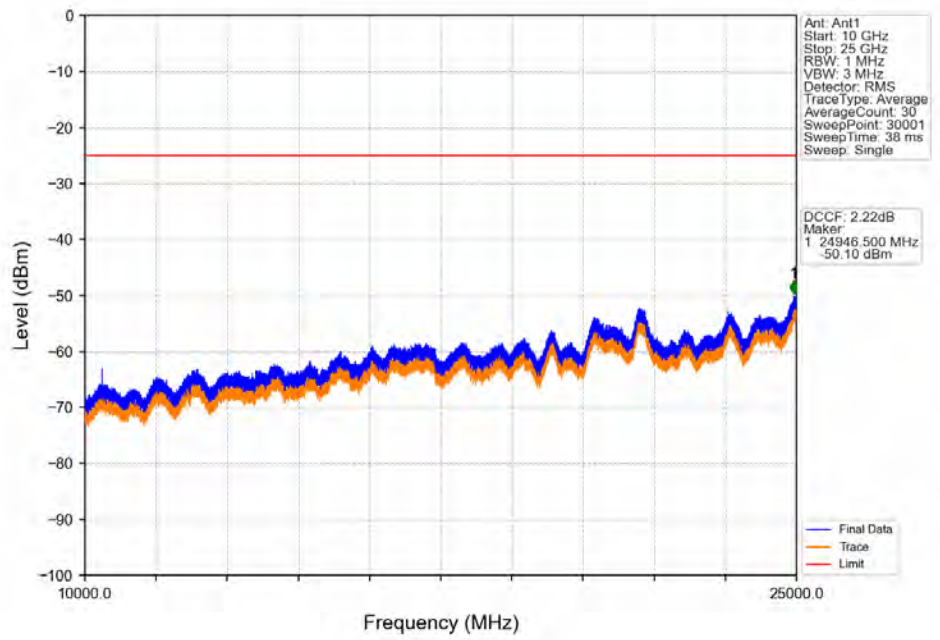


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2489.495	-32.34	-25	Pass
2495	2496	0.1	/	2	2495.749	-27.72	-13	Pass
2496	2503.5	0.104	/	/	/	/	/	/

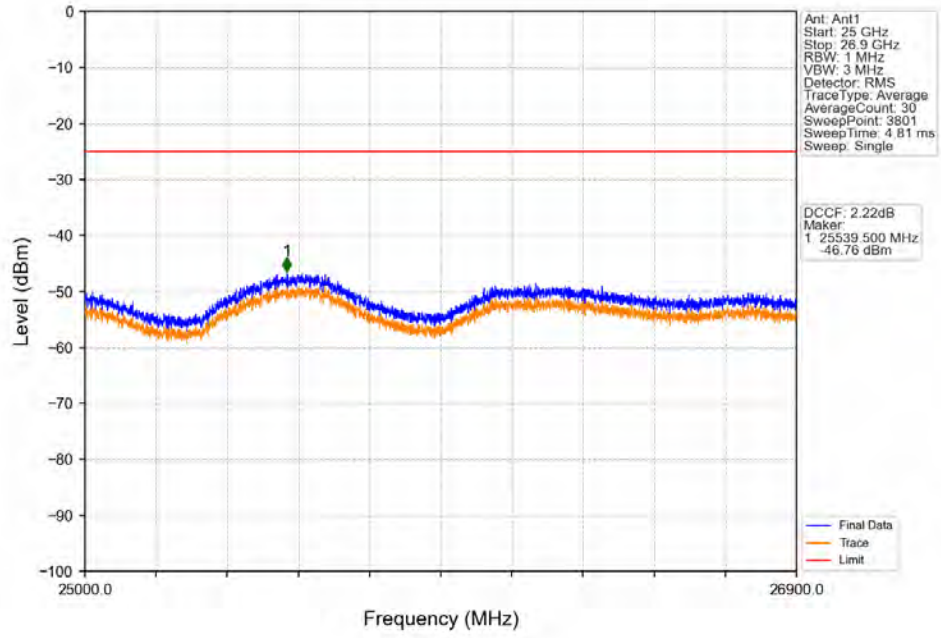
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



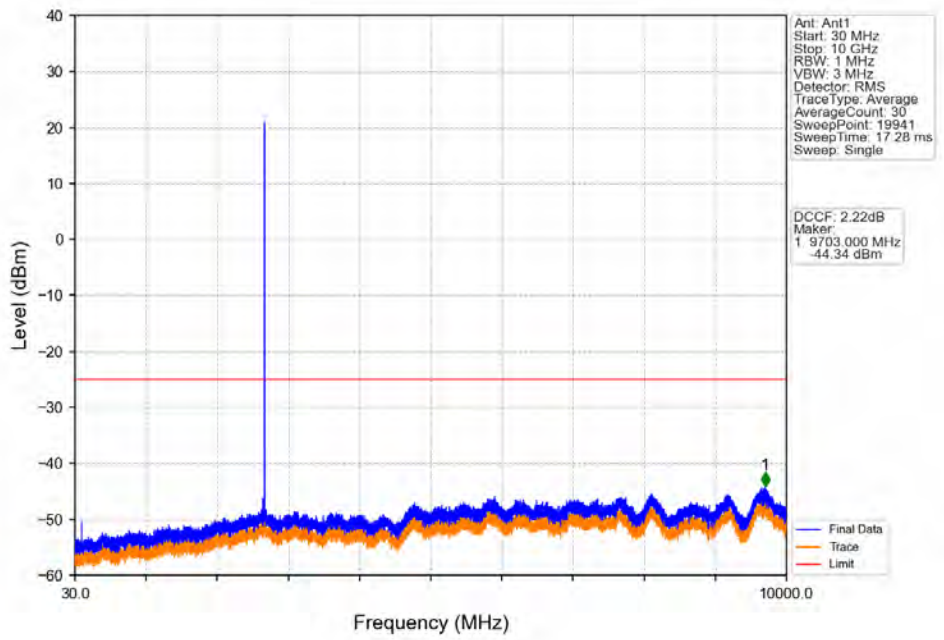
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



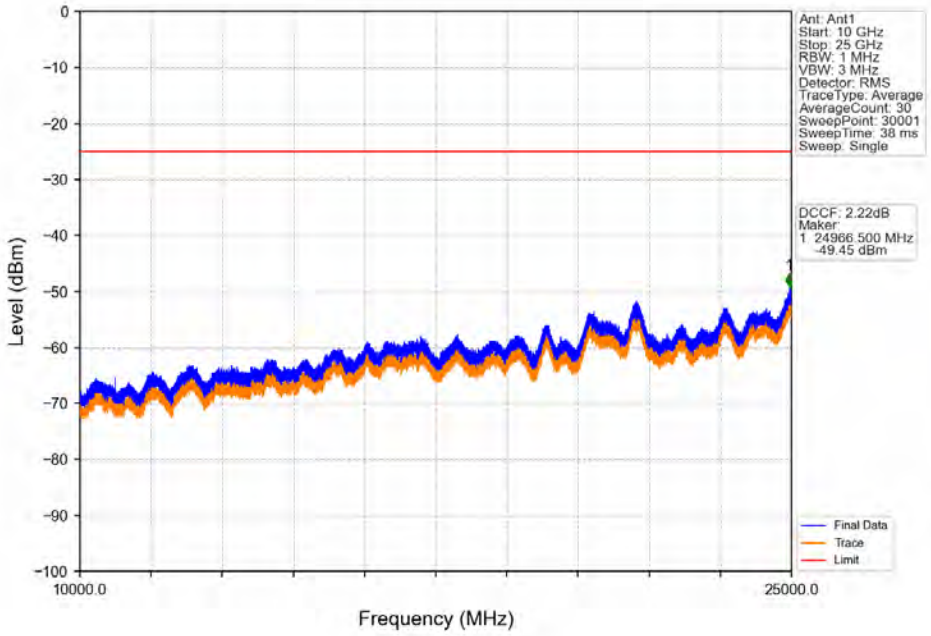
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



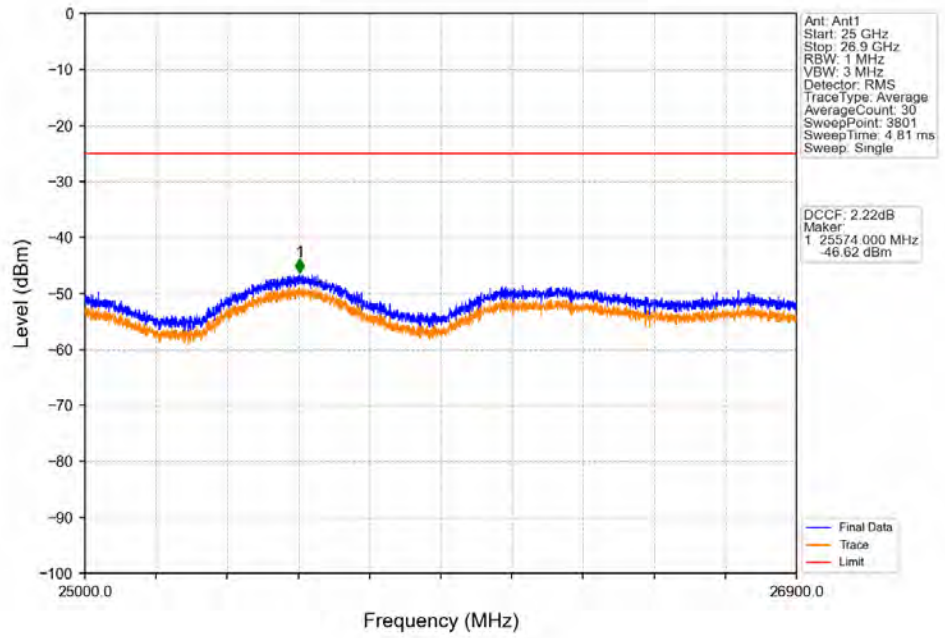
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



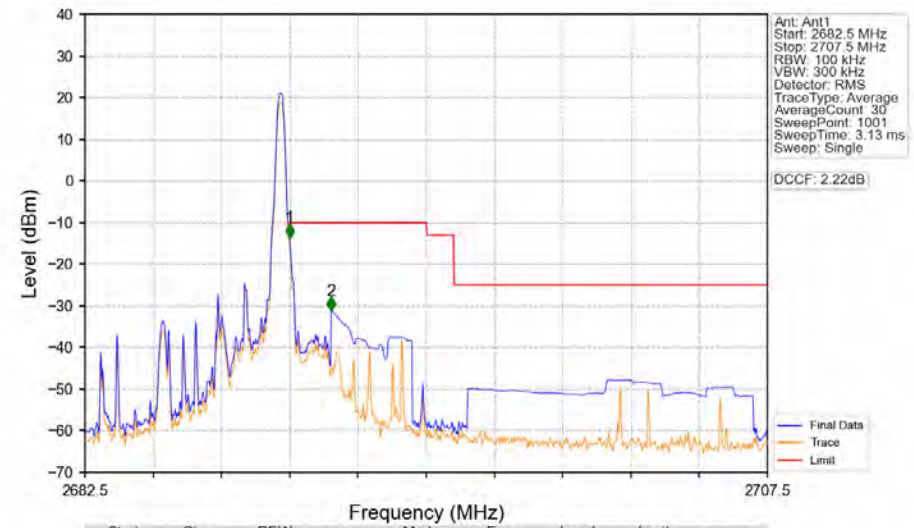
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

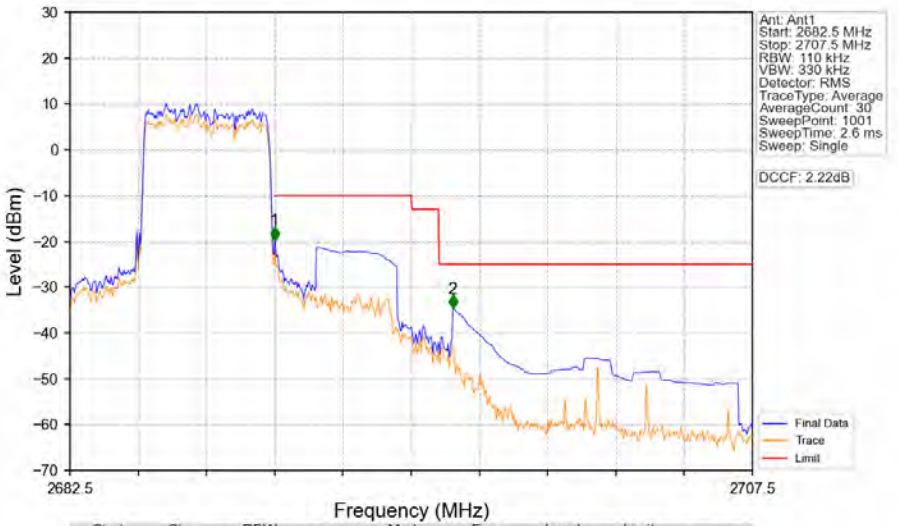


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_24_NTNV



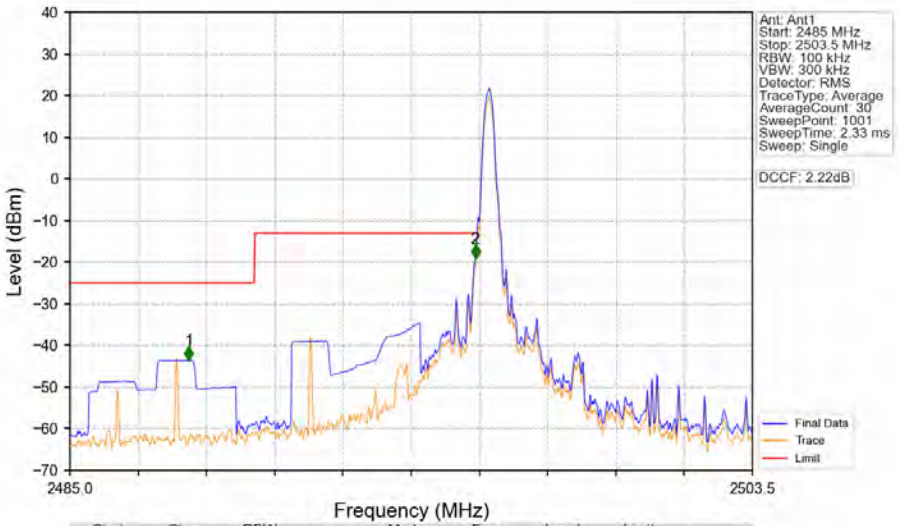
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-13.67	-10	Pass
2691	2707.5	1	CHP	2	2691.525	-31.18	-10	Pass

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



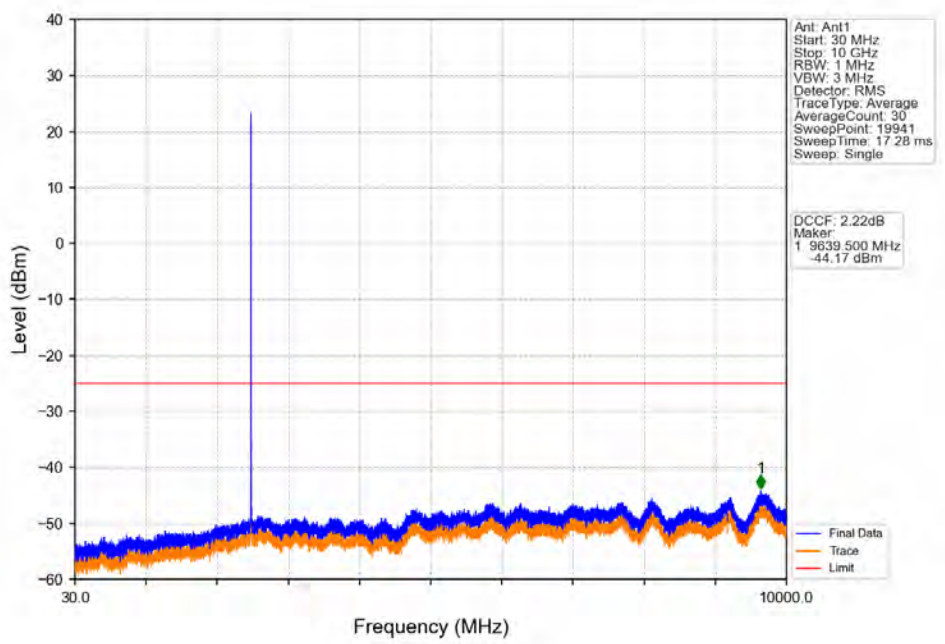
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.000	-19.83	-10	Pass
2691	2707.5	1	CHP	2	2696.525	-34.68	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

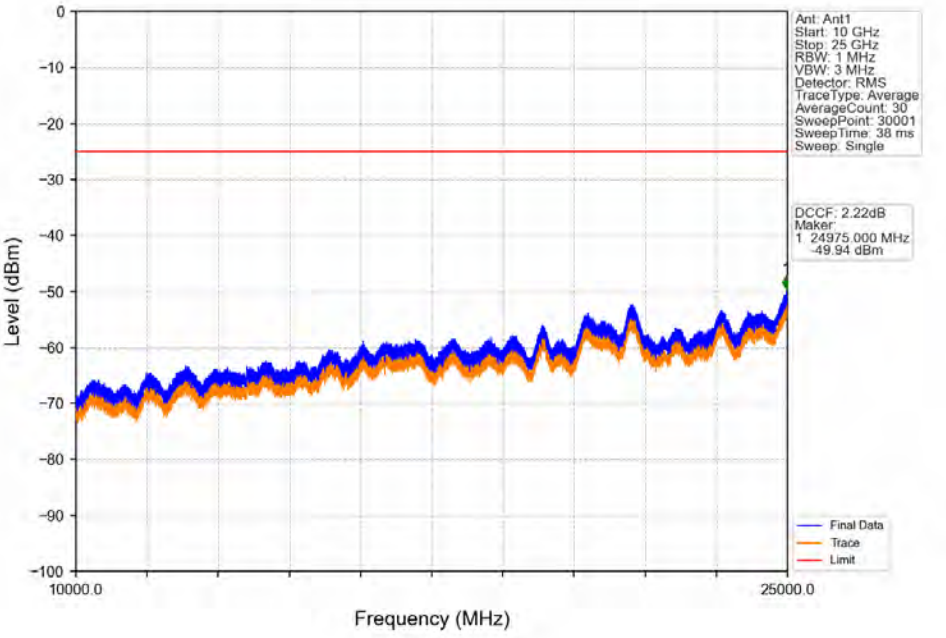


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2488.219	-43.69	-25	Pass
2495	2496	0.1	/	2	2495.989	-19.18	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

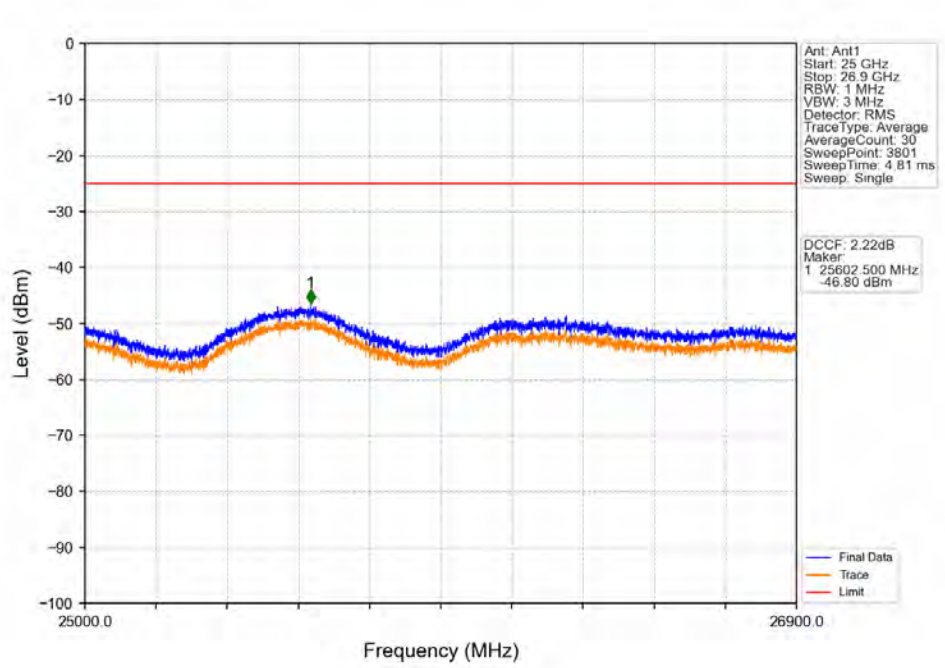
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



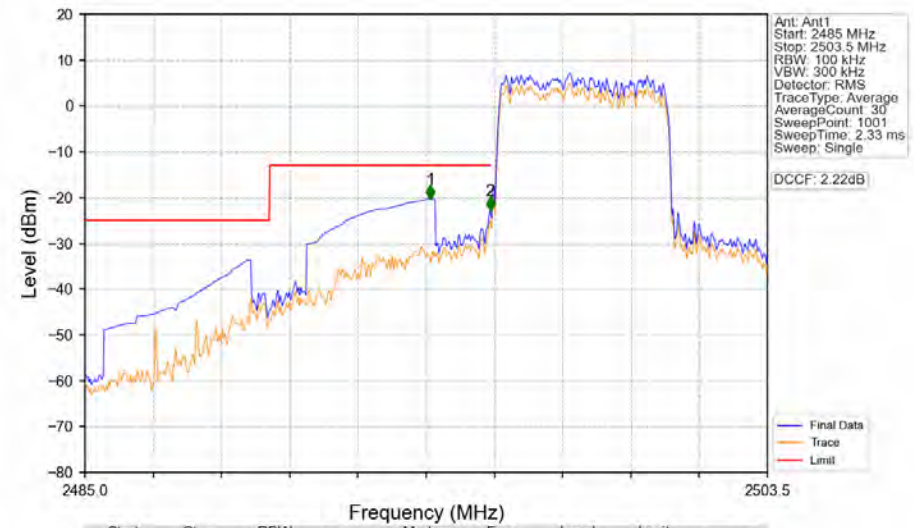
Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

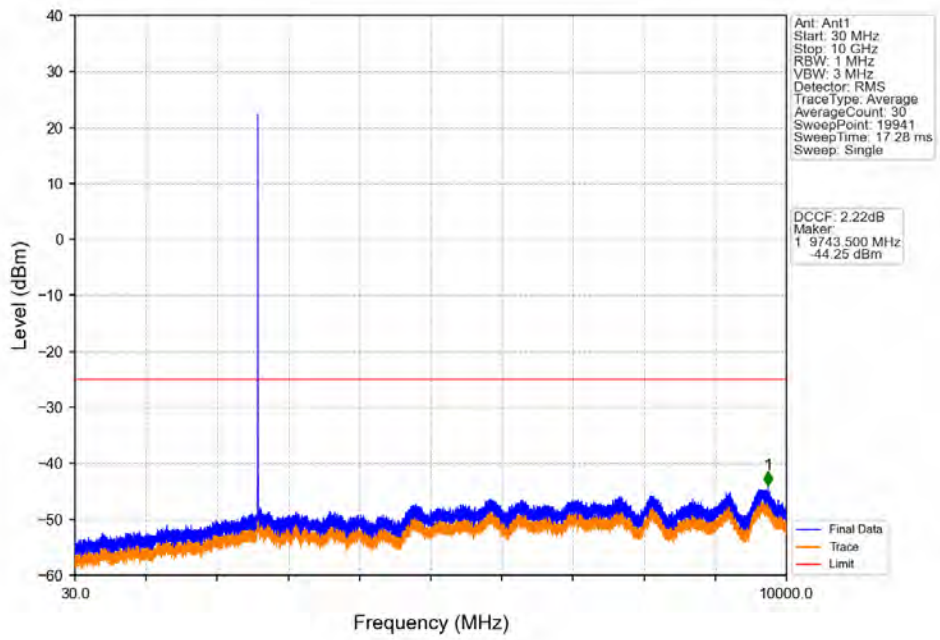


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

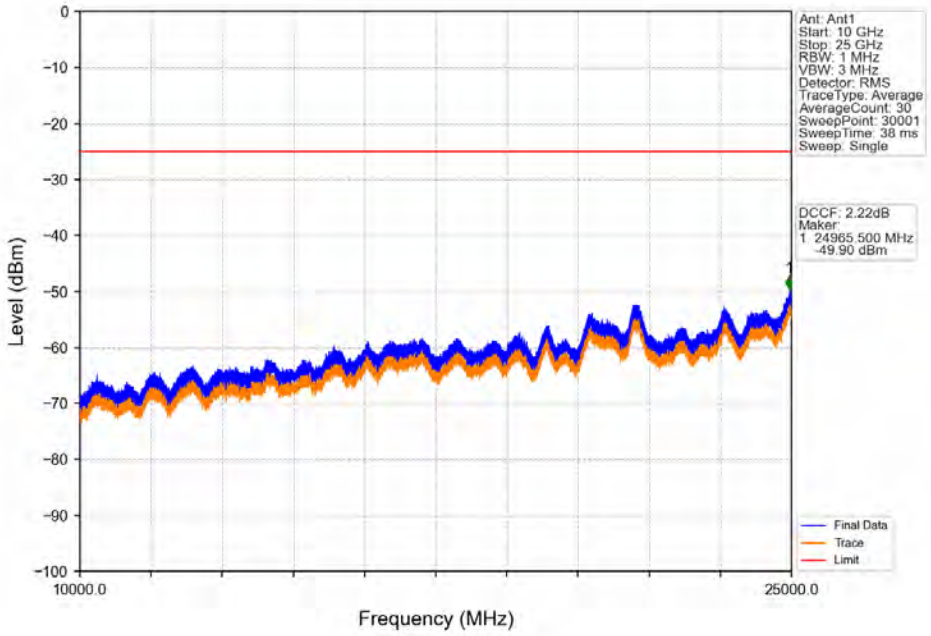


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.361	-20.35	-13	Pass
2495	2496	0.1	/	2	2495.989	-22.80	-13	Pass
2496	2503.5	0.104	/	/	/	/	/	/

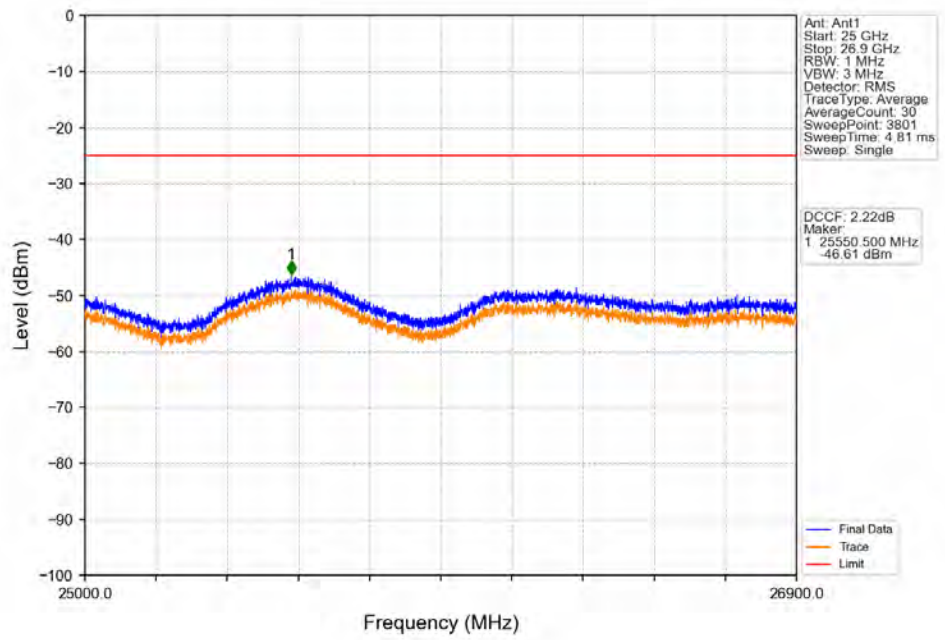
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



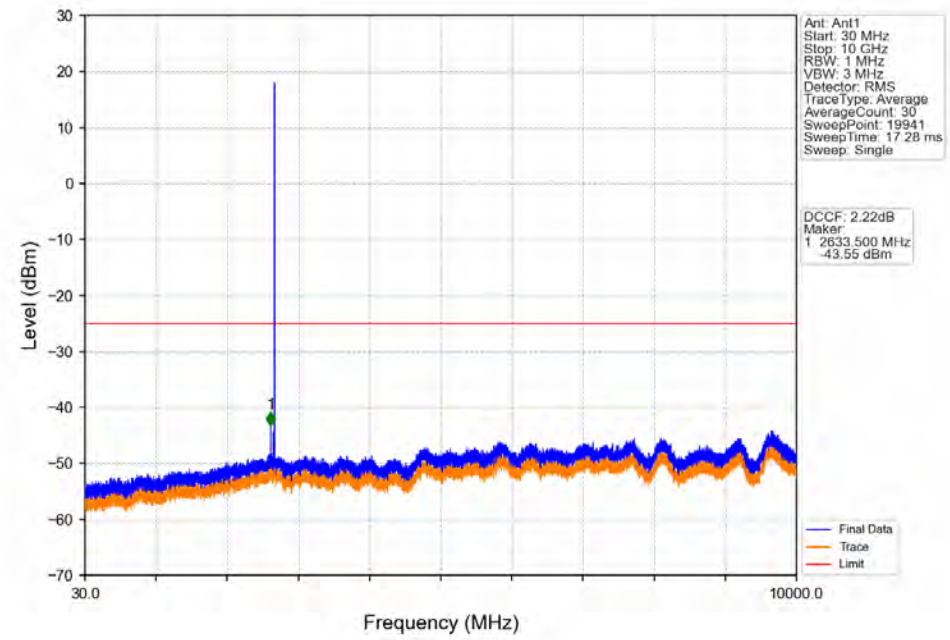
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



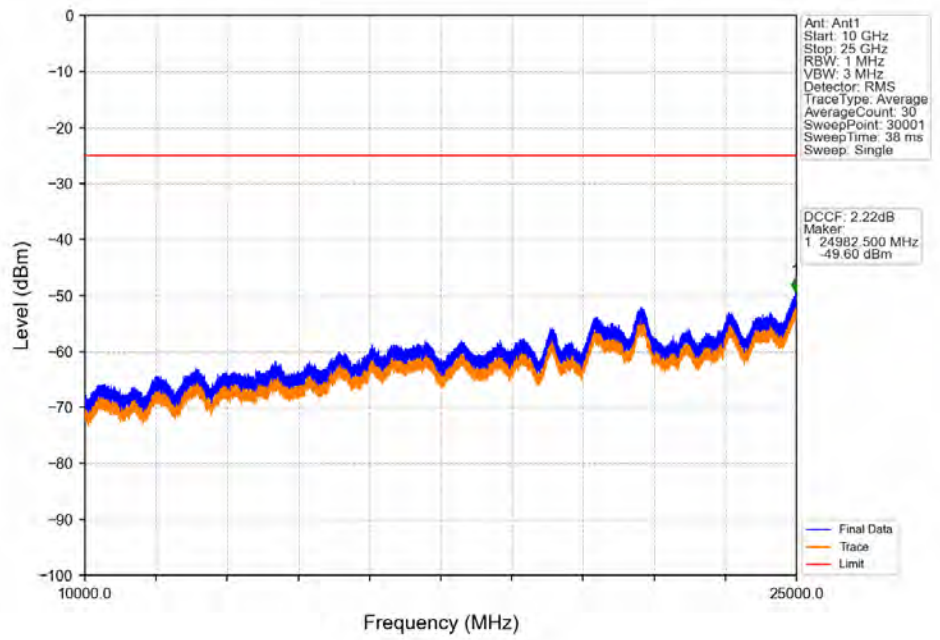
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



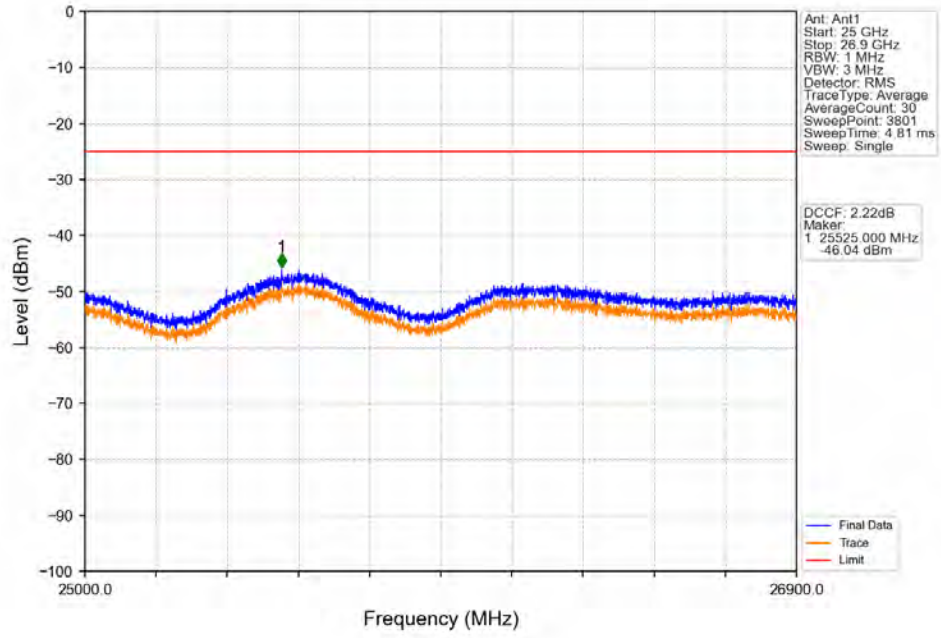
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



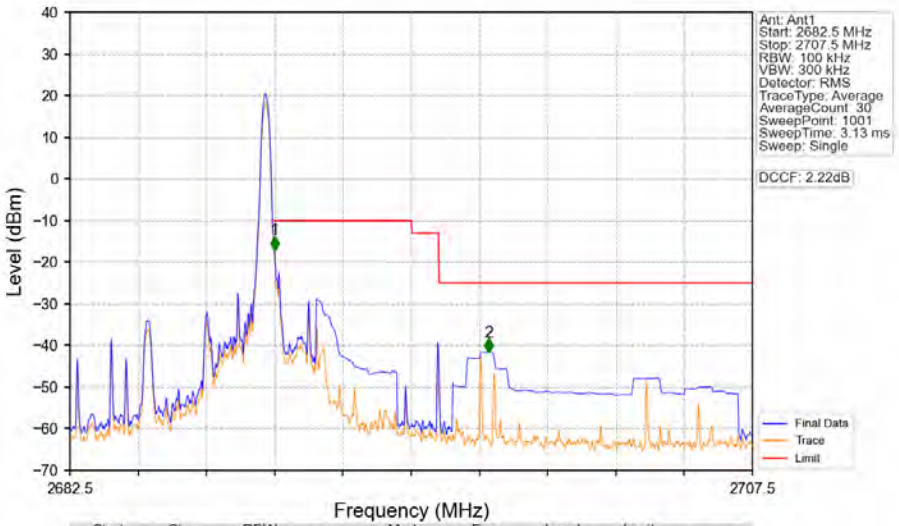
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV

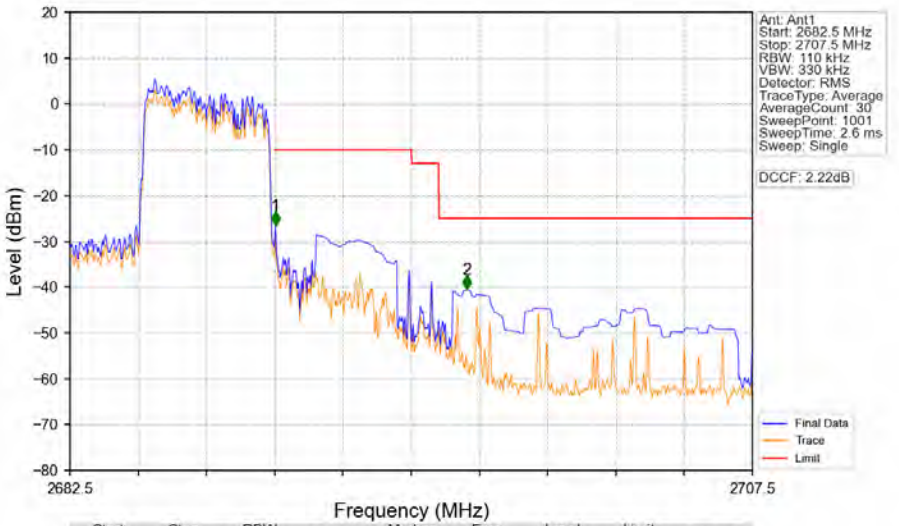


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



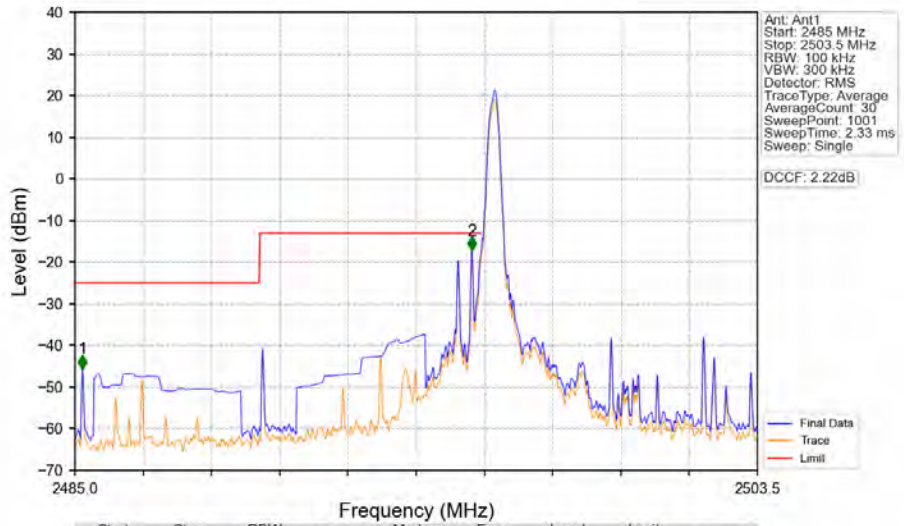
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-17.16	-10	Pass
2691	2707.5	1	CHP	2	2697.850	-41.67	-25	Pass

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



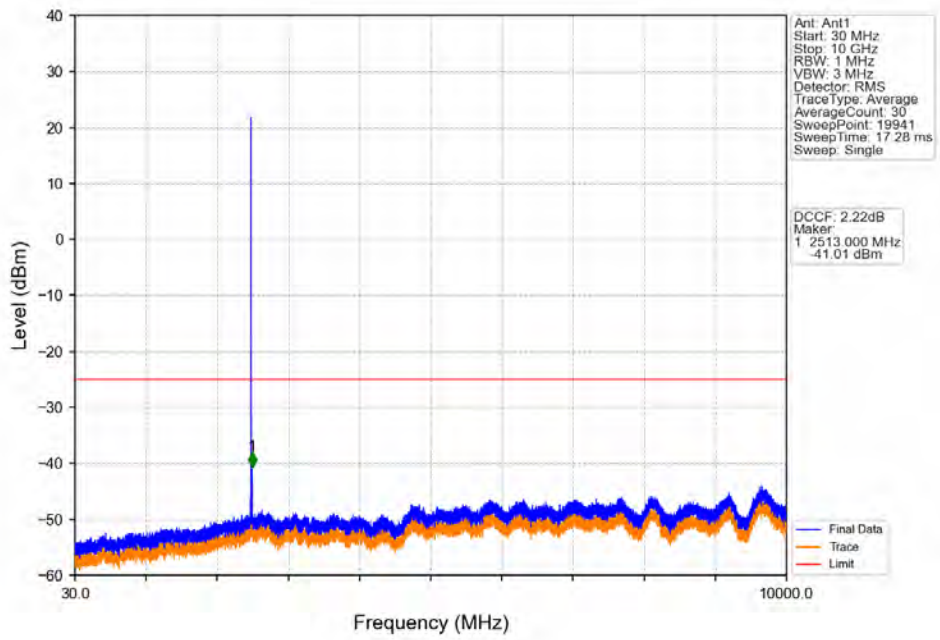
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.025	-26.63	-10	Pass
2691	2707.5	1	CHP	2	2697.050	-40.45	-25	Pass

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV

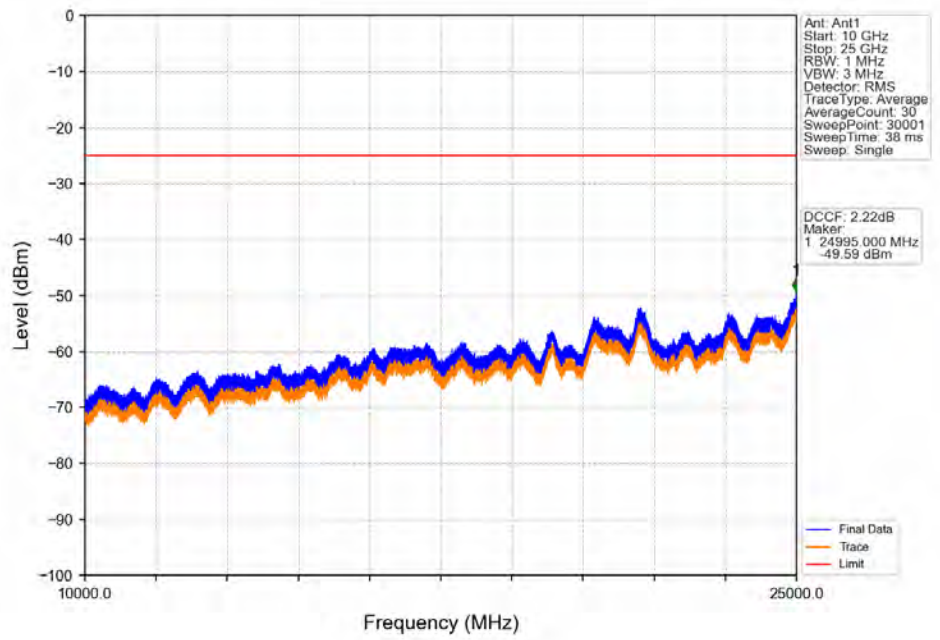


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2485.204	-45.67	-25	Pass
2495	2496	0.1	/	2	2495.767	-17.18	-13	Pass
2496	2503.5	0.1	/	/	/	/	/	/

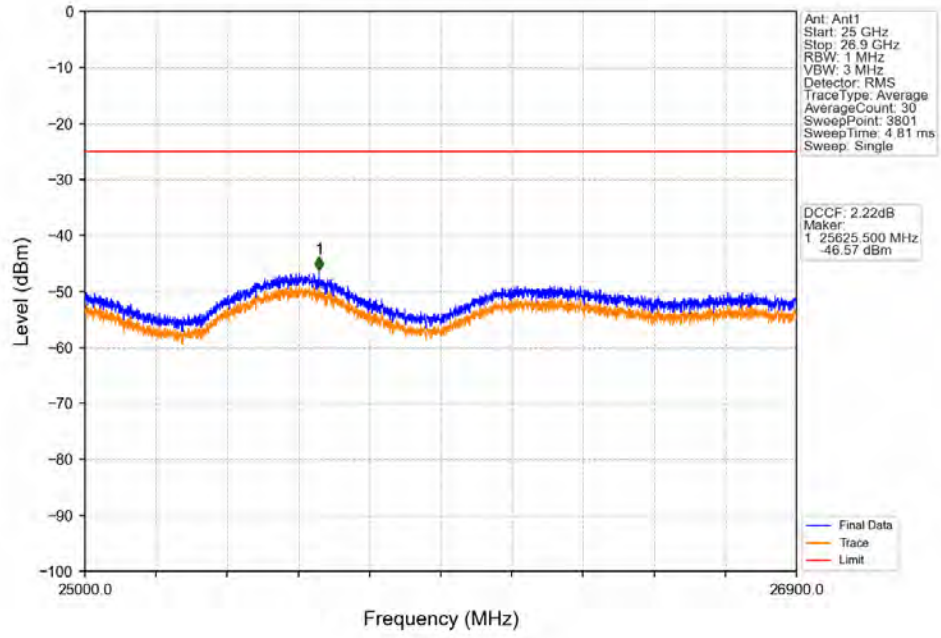
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



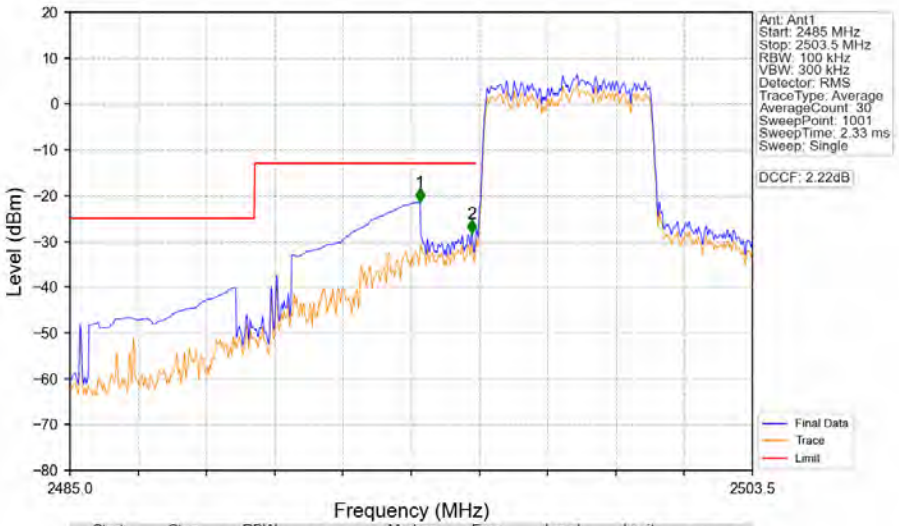
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV

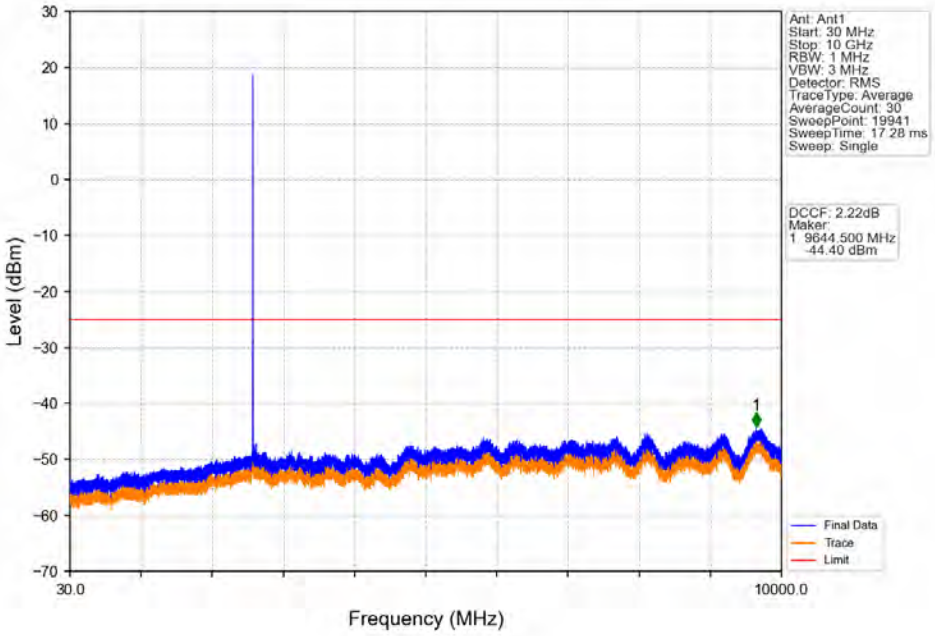


Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV

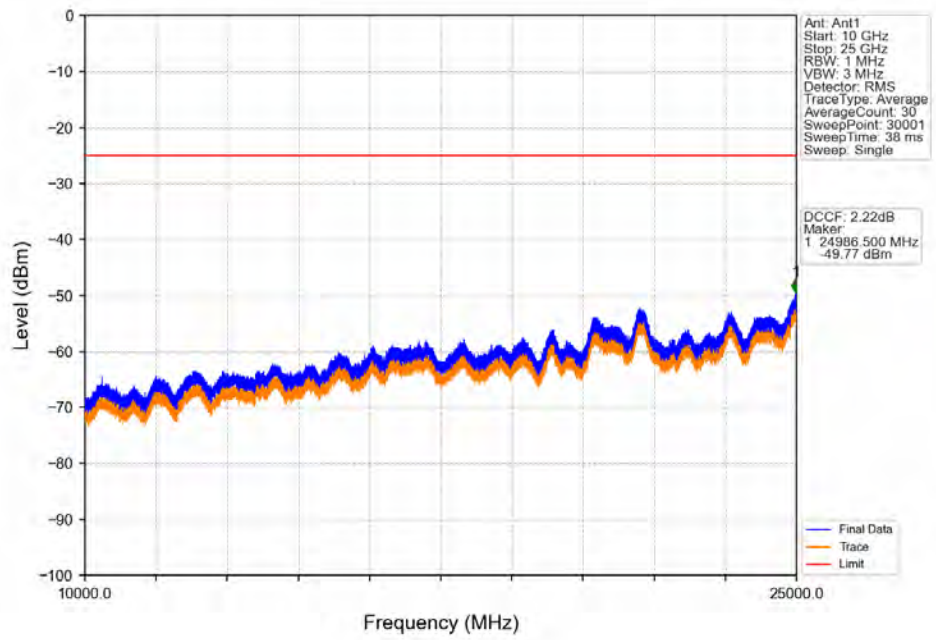


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-21.42	-13	Pass
2495	2496	0.1	/	2	2495.896	-28.38	-13	Pass
2496	2503.5	0.111	/	/	/	/	/	/

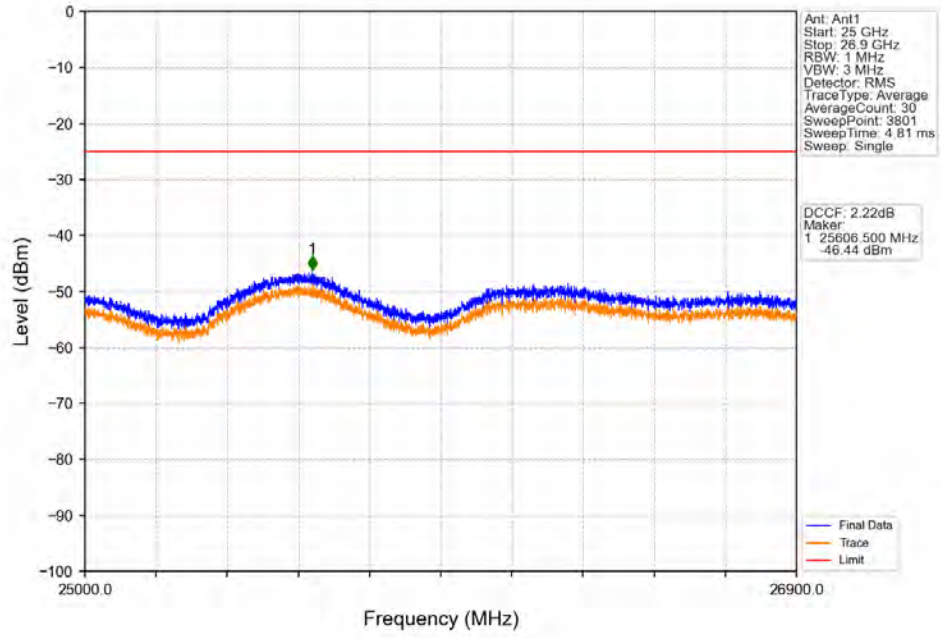
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



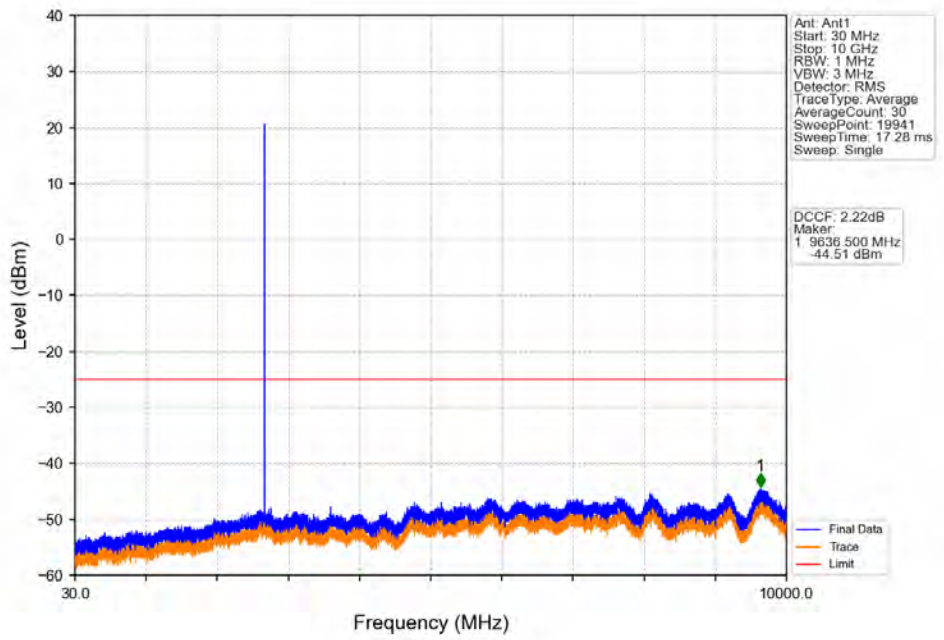
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



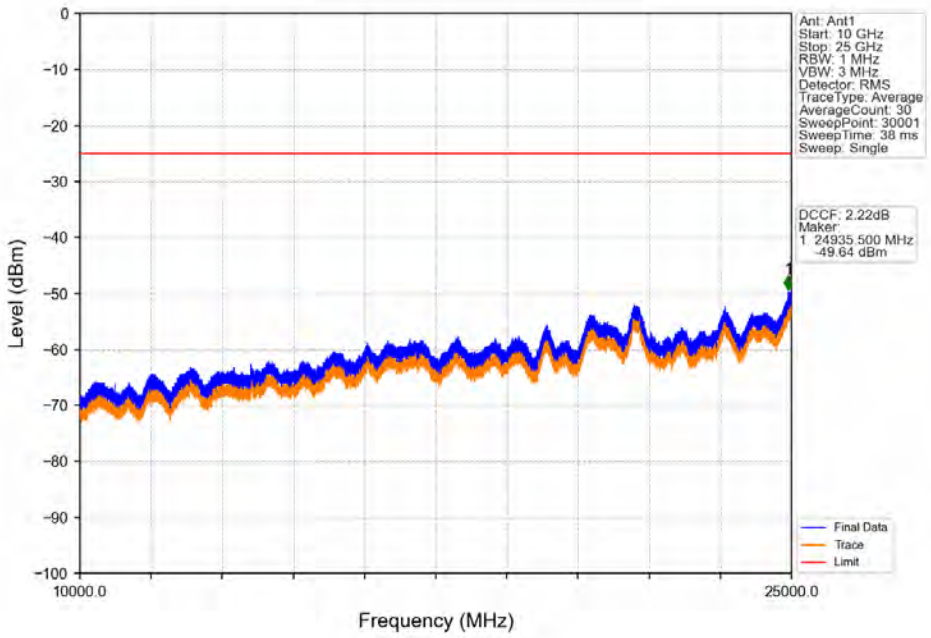
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



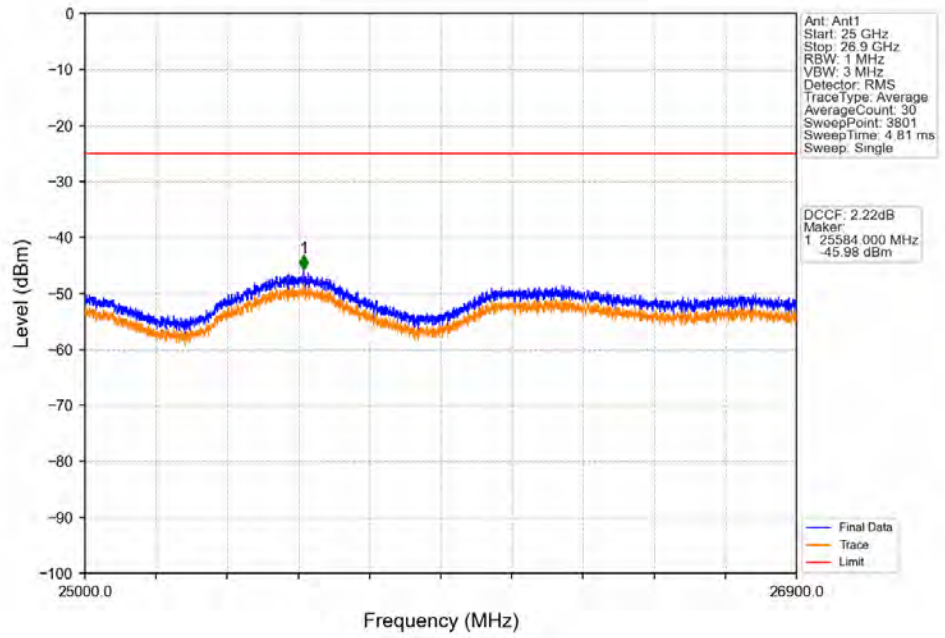
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



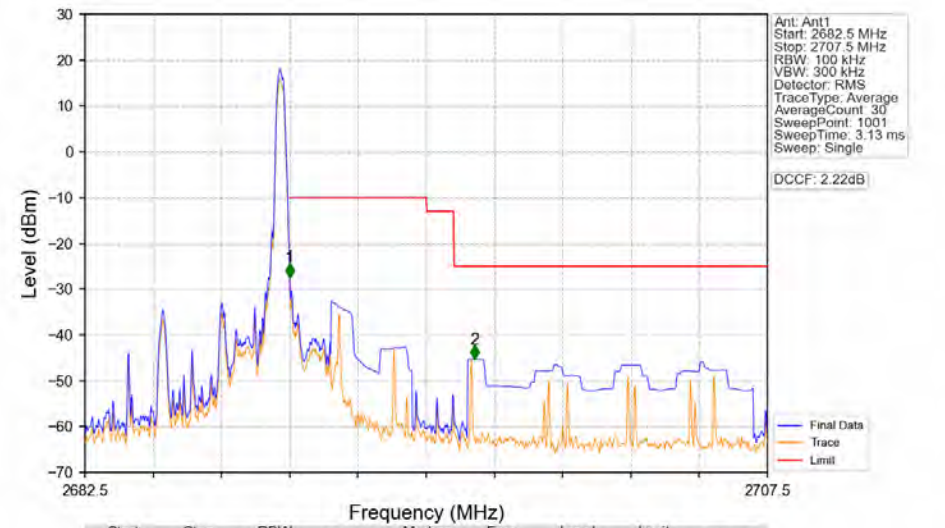
Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV

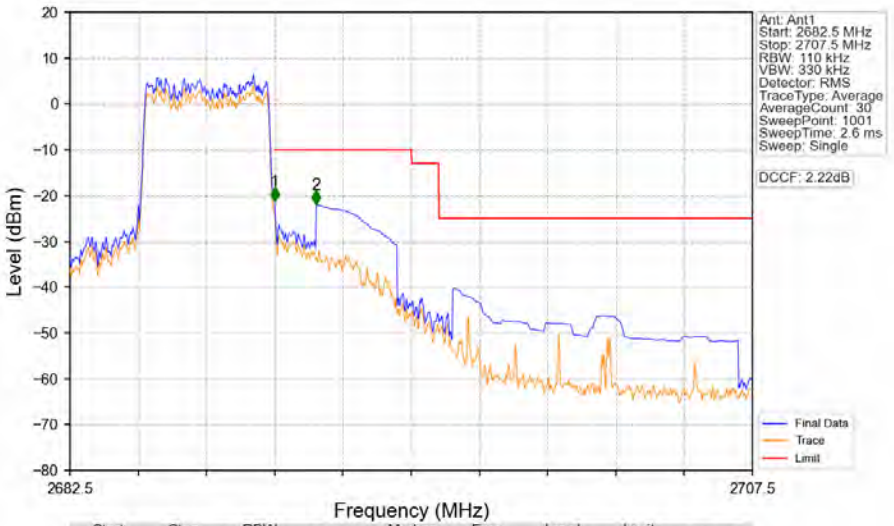


Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2682.5	2690	0.1	/	/	/	/	/	/
2690	2691	0.1	/	1	2690.000	-27.41	-10	Pass
2691	2707.5	1	CHP	2	2696.775	-45.30	-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
2682.5	2690	0.11	/	/	/	/	/	/
2690	2691	0.11	/	1	2690.000	-21.31	-10	Pass
2691	2707.5	1	CHP	2	2691.525	-21.92	-10	Pass

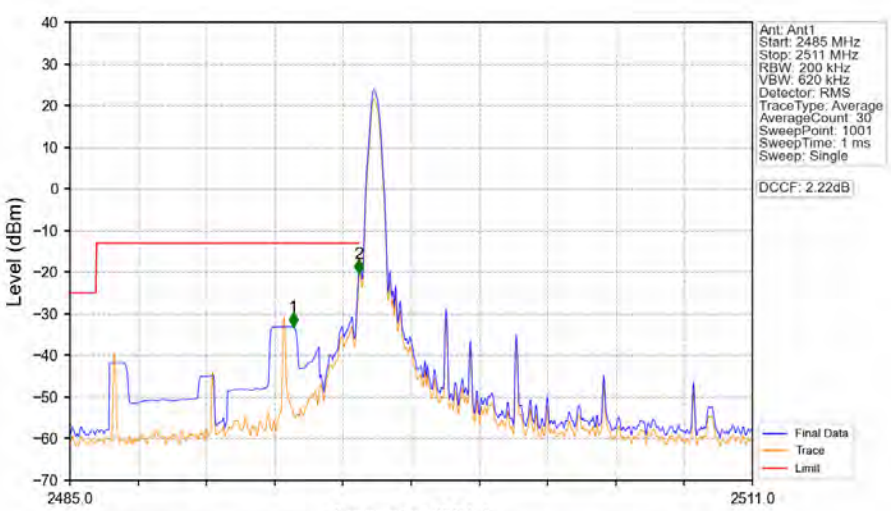
5.2 B41_10MHz

5.2.1 Test Result

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

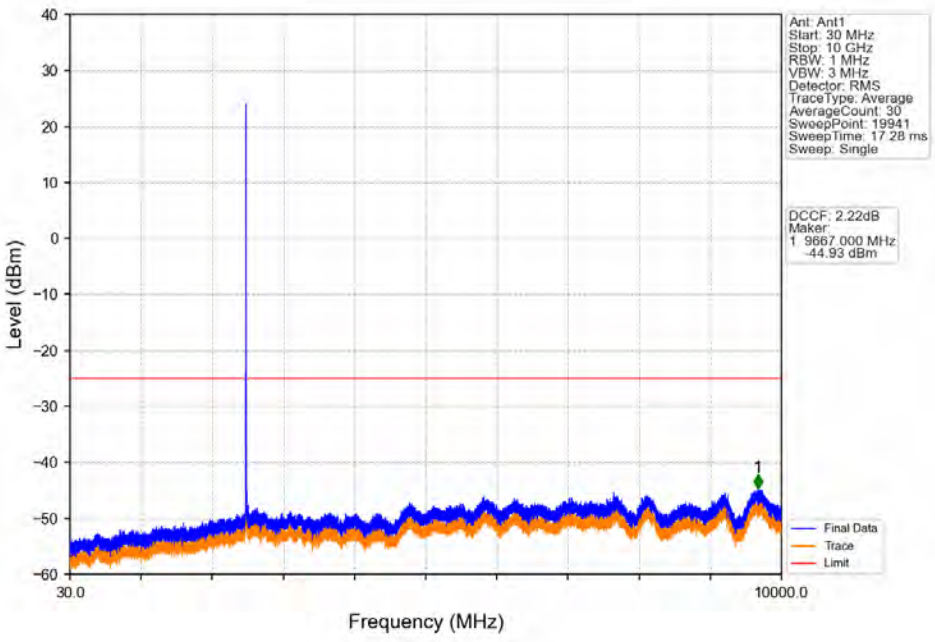
5.2.2 Test Graph

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

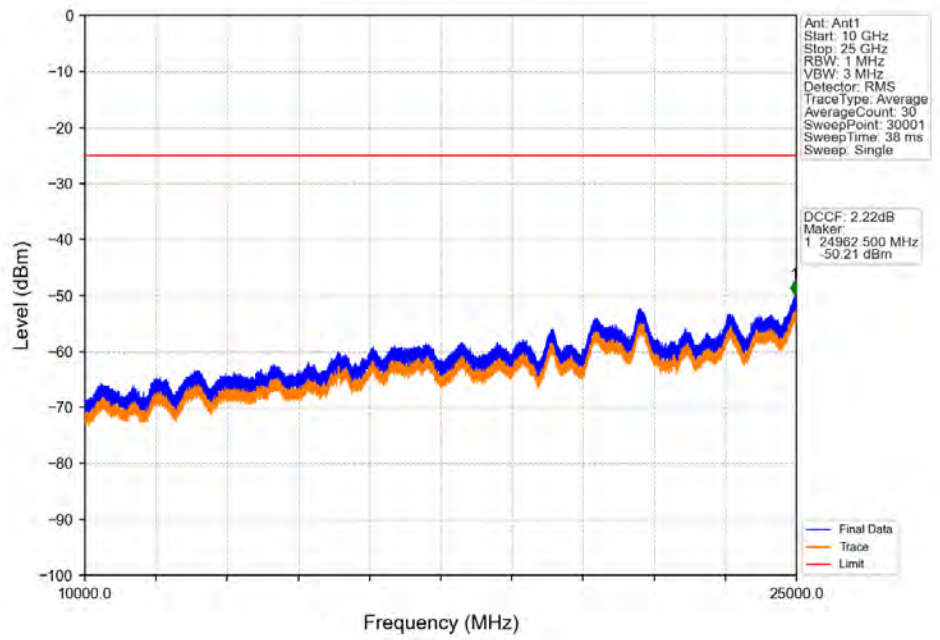


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.502	-33.08	-13	Pass
2495	2496	0.2	/	2	2495.998	-20.34	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

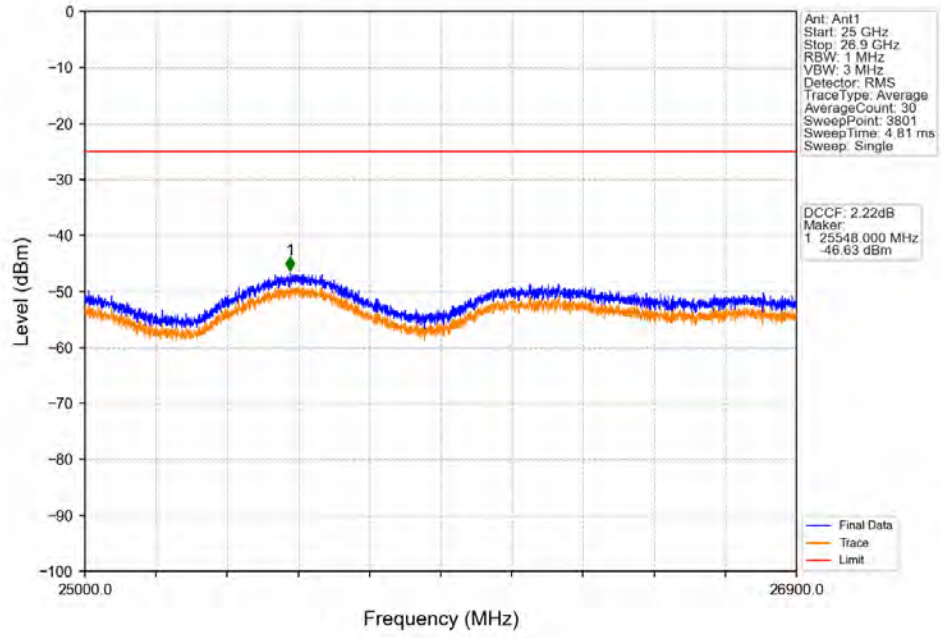
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



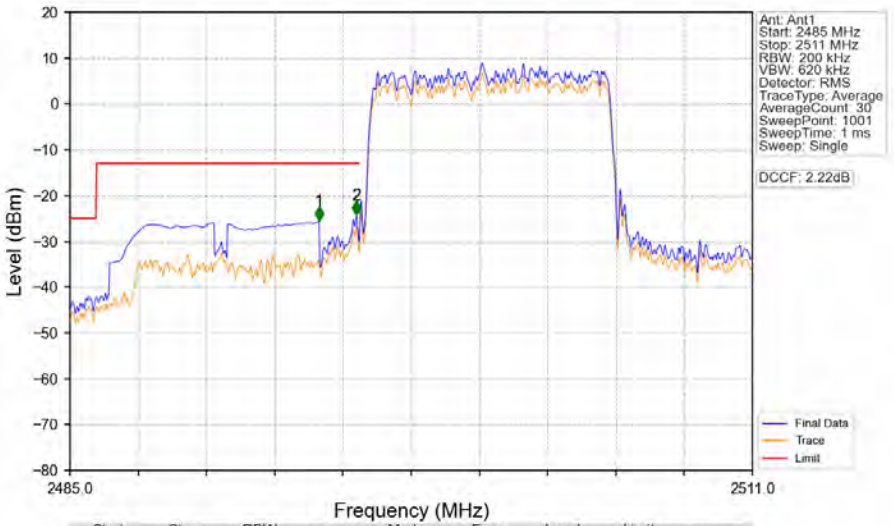
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

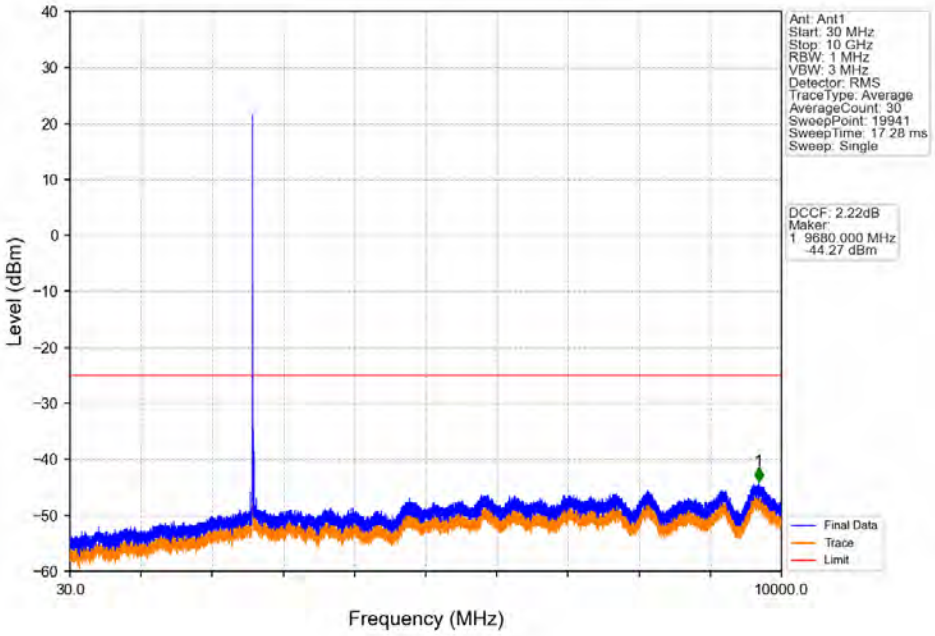


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

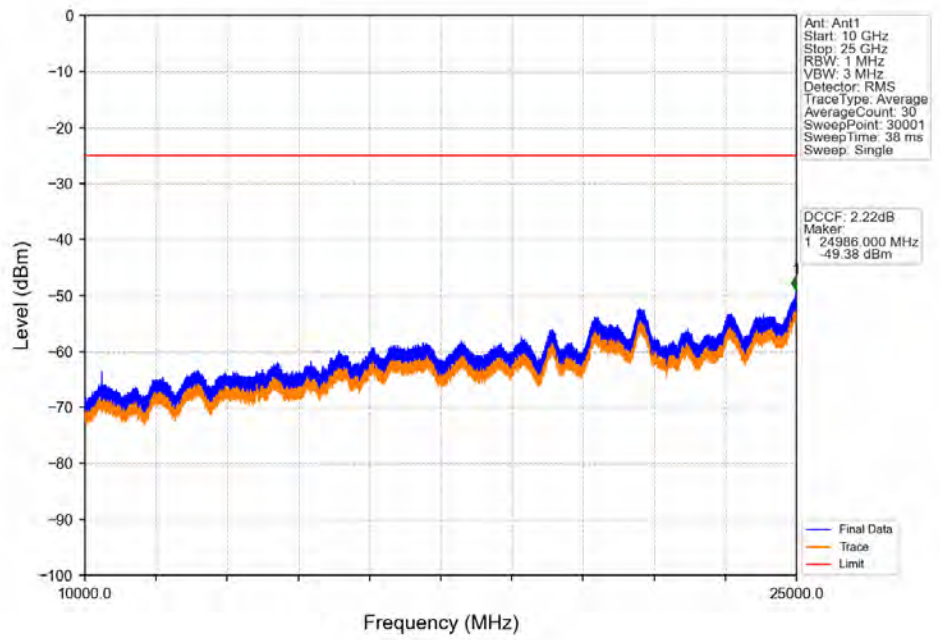


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.490	-25.51	-13	Pass
2495	2496	0.2	/	2	2495.920	-24.31	-13	Pass
2496	2511	0.203	/	/	/	/	/	/

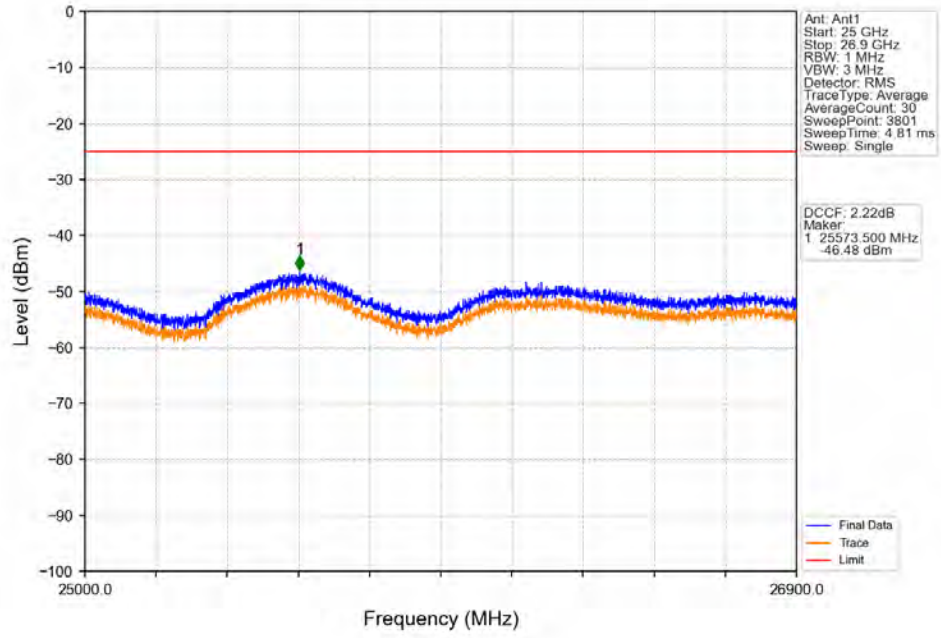
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



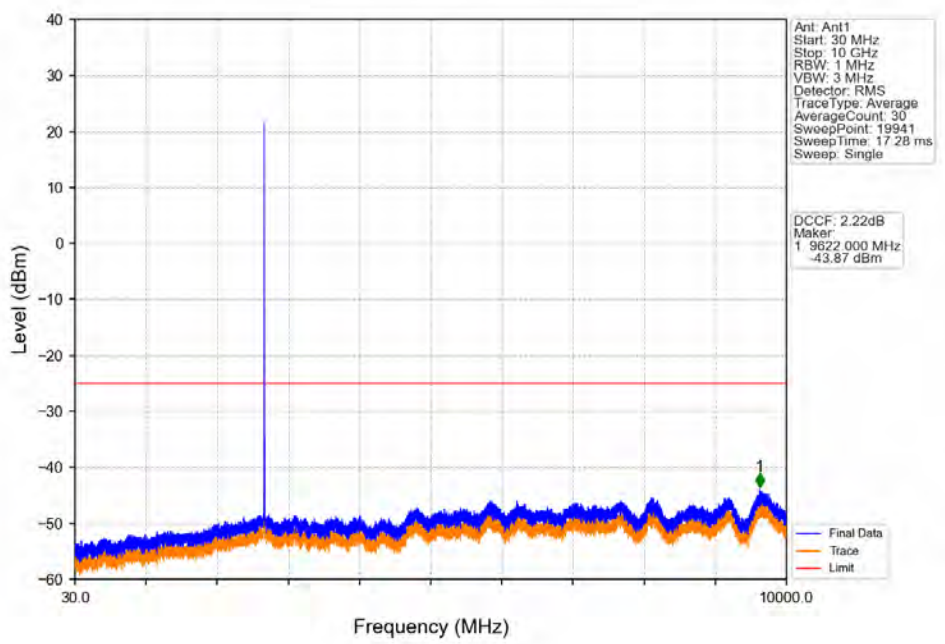
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



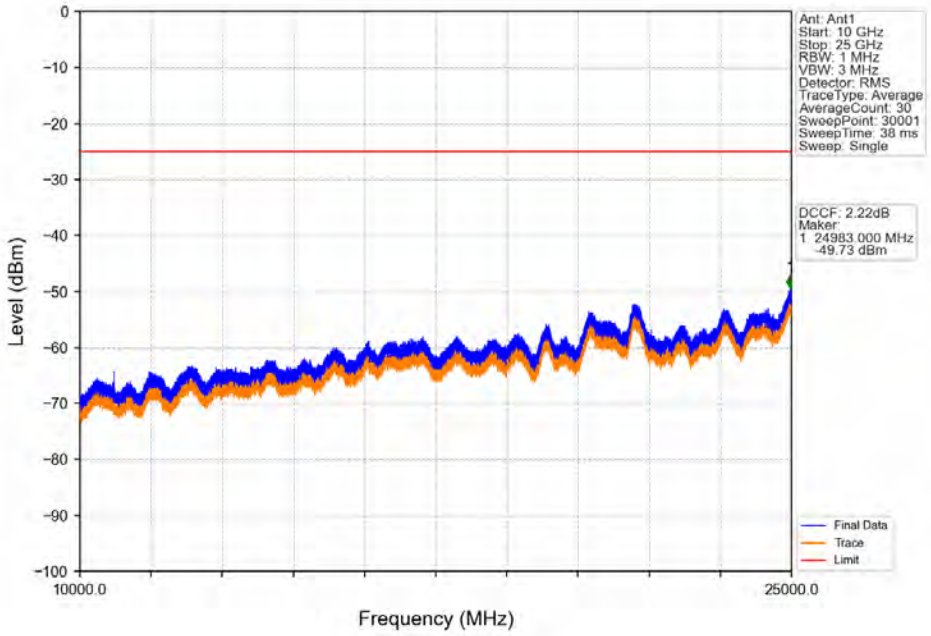
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



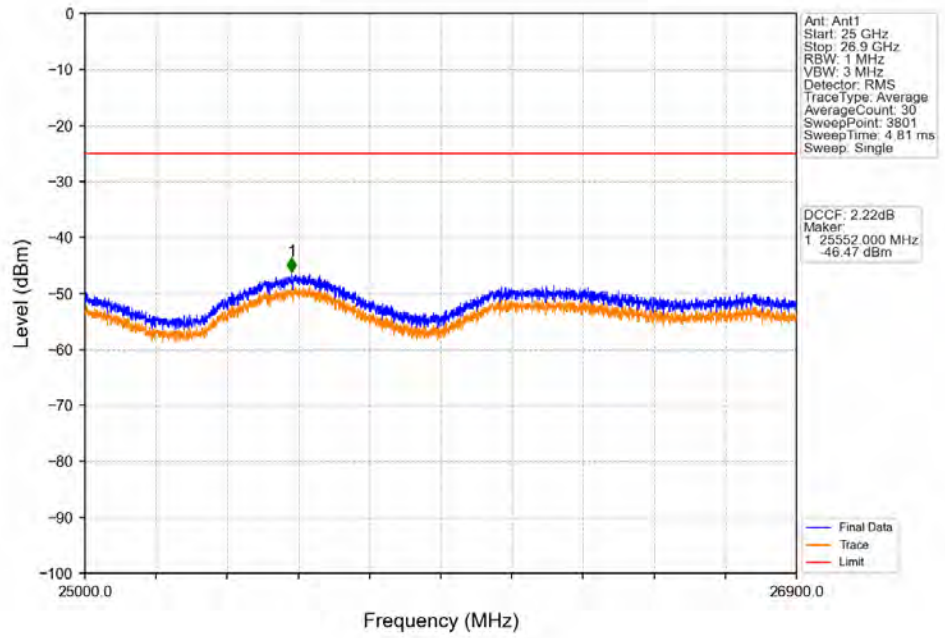
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



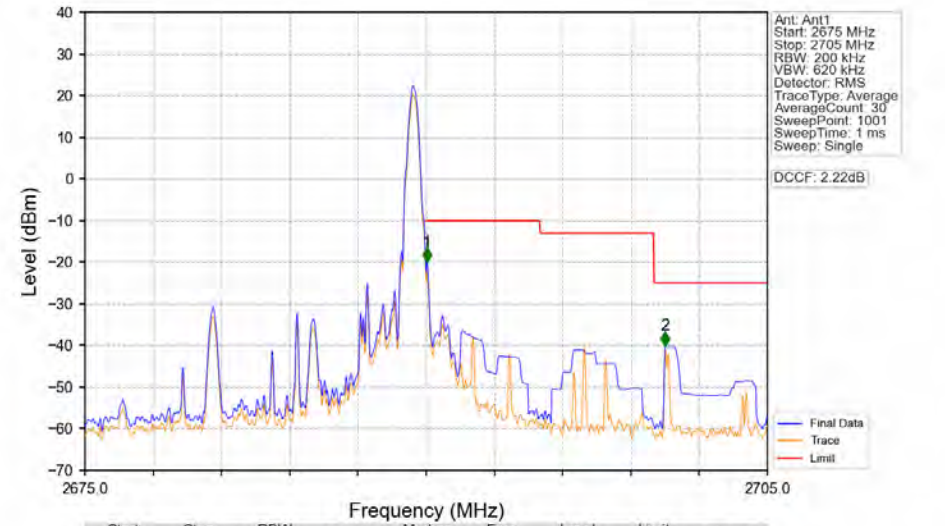
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

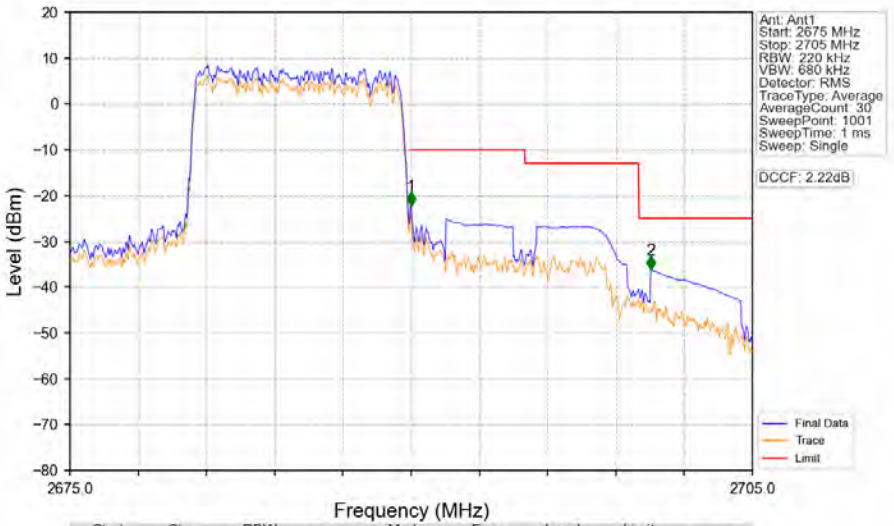


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



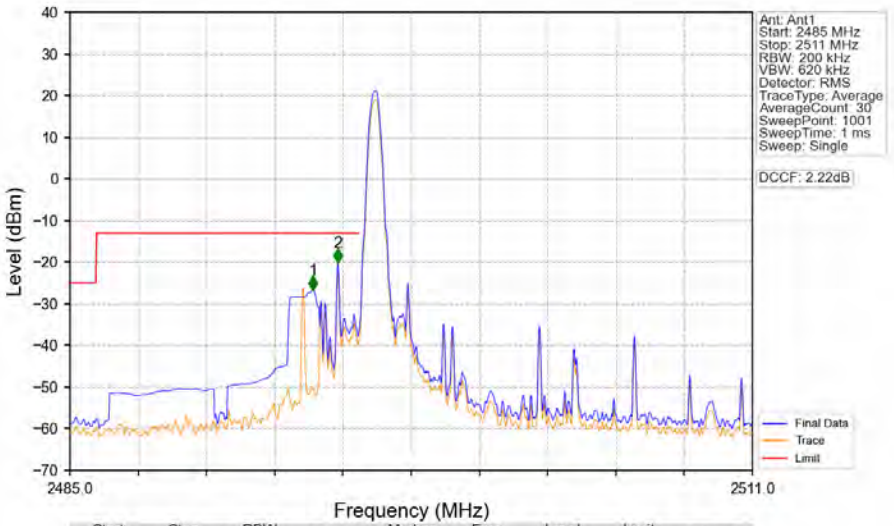
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.030	-19.96	-10	Pass
2691	2705	1	CHP	2	2700.500	-40.04	-25	Pass

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



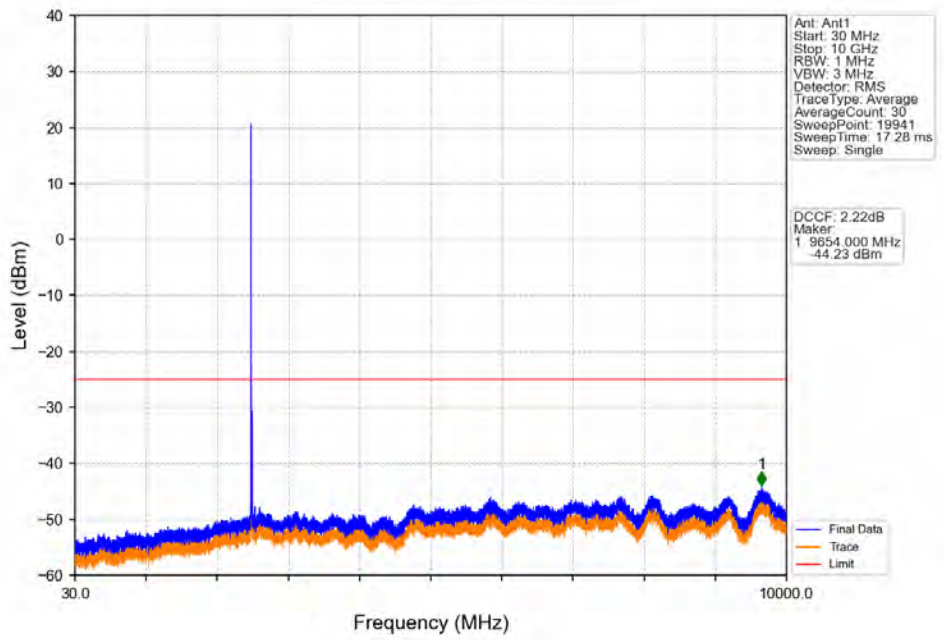
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	/	/	/	/	/	/
2690	2691	0.22	/	1	2690.000	-22.31	-10	Pass
2691	2705	1	CHP	2	2700.530	-36.25	-25	Pass

Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

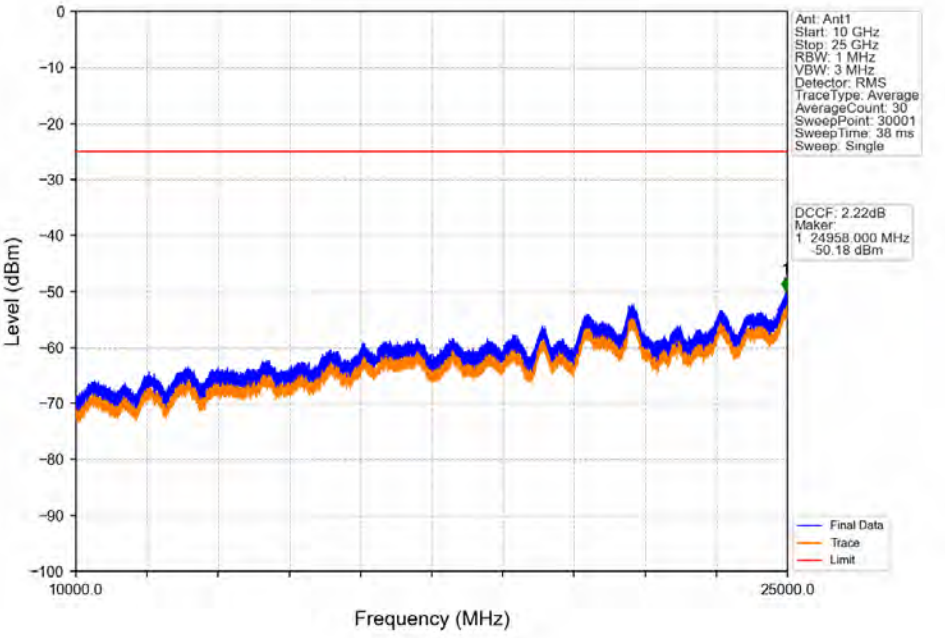


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.256	-26.68	-13	Pass
2495	2496	0.2	/	2	2495.218	-20.12	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

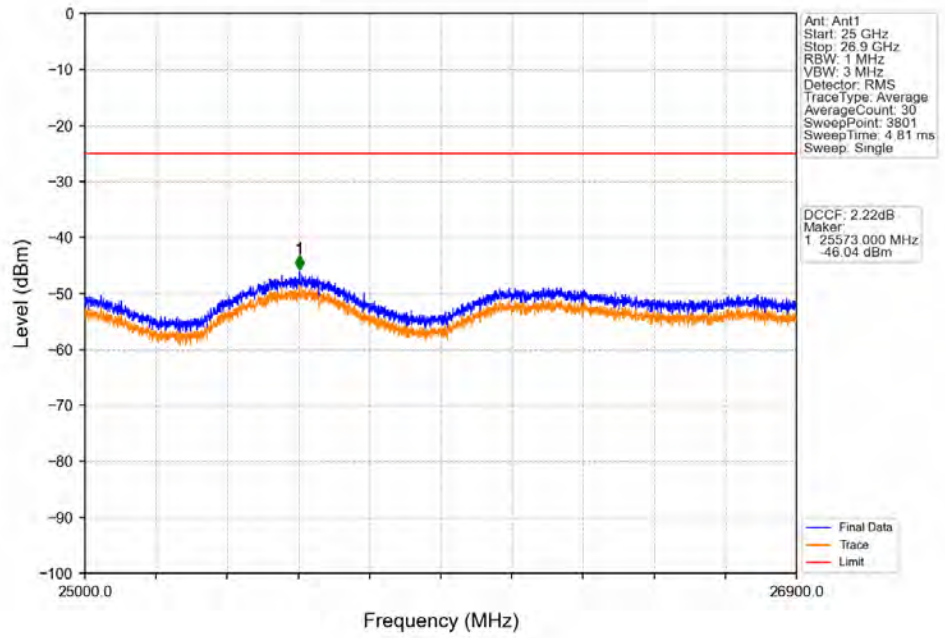
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



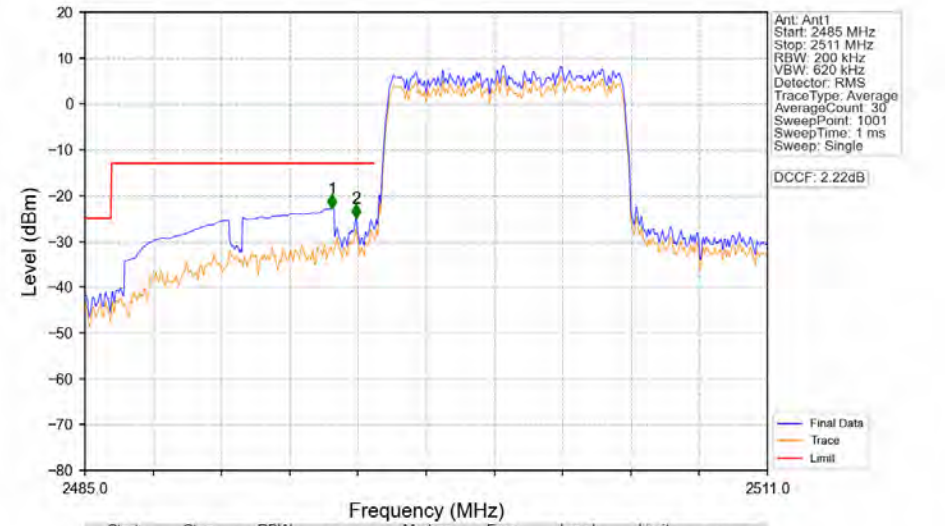
Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_LCH_2501MHz_RB_1_0_NTNV

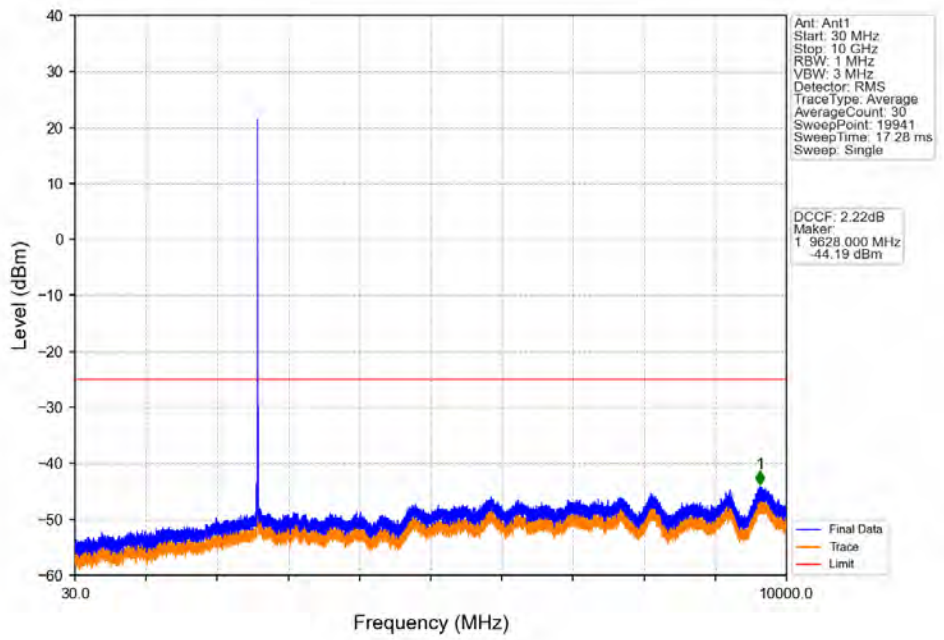


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

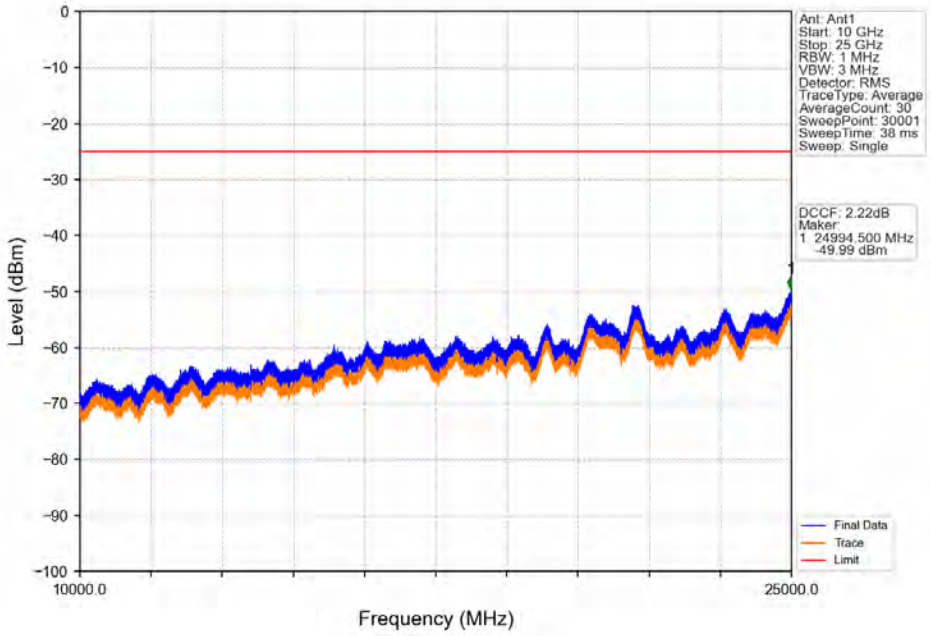


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.412	-22.90	-13	Pass
2495	2496	0.2	/	2	2495.322	-24.98	-13	Pass
2496	2511	0.207	/	/	/	/	/	/

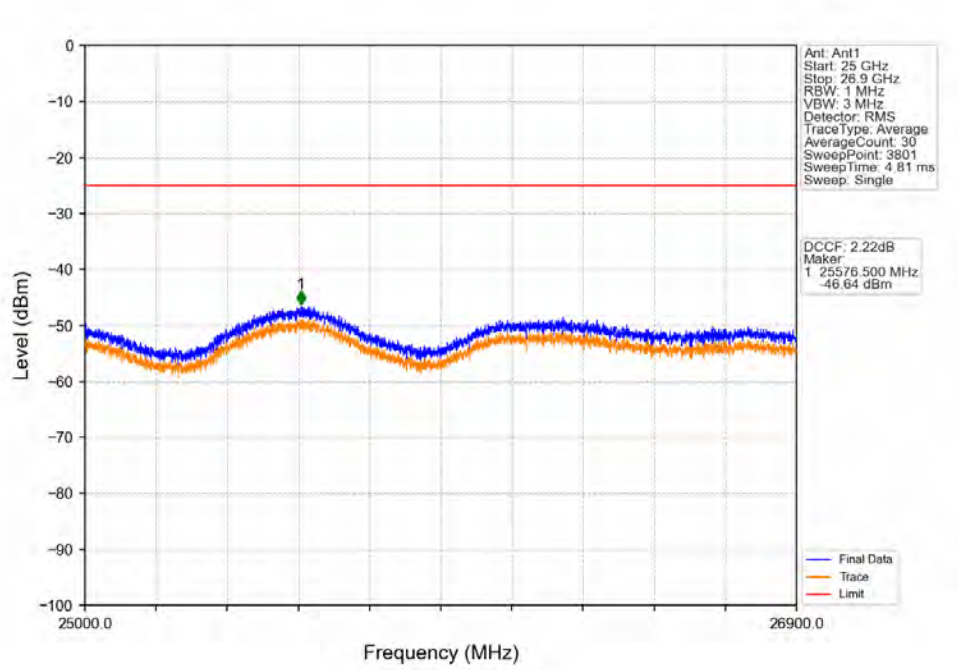
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



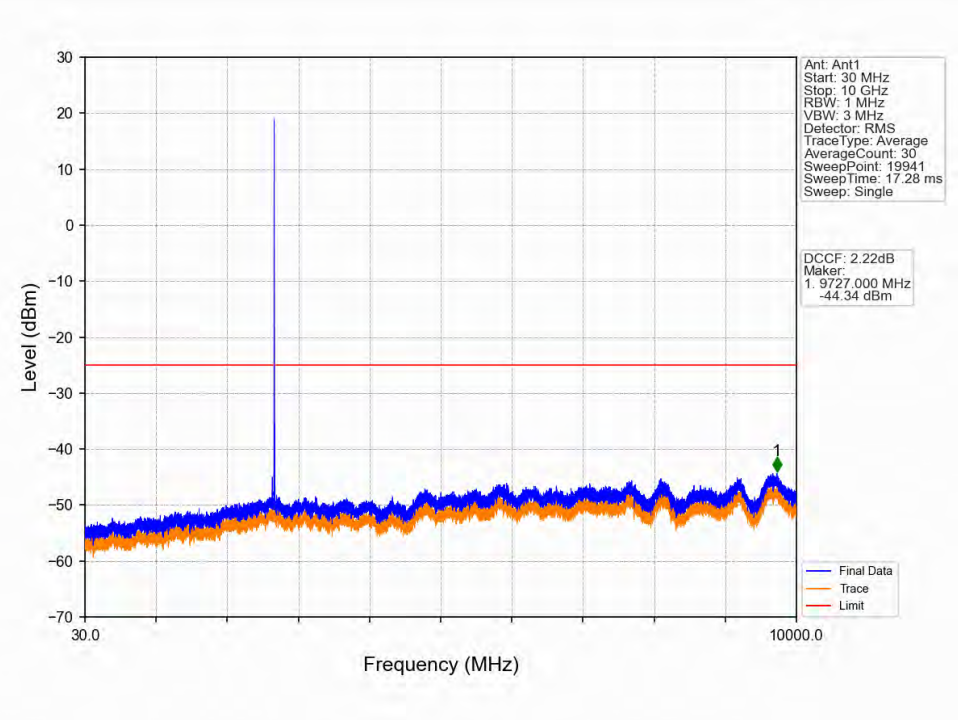
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



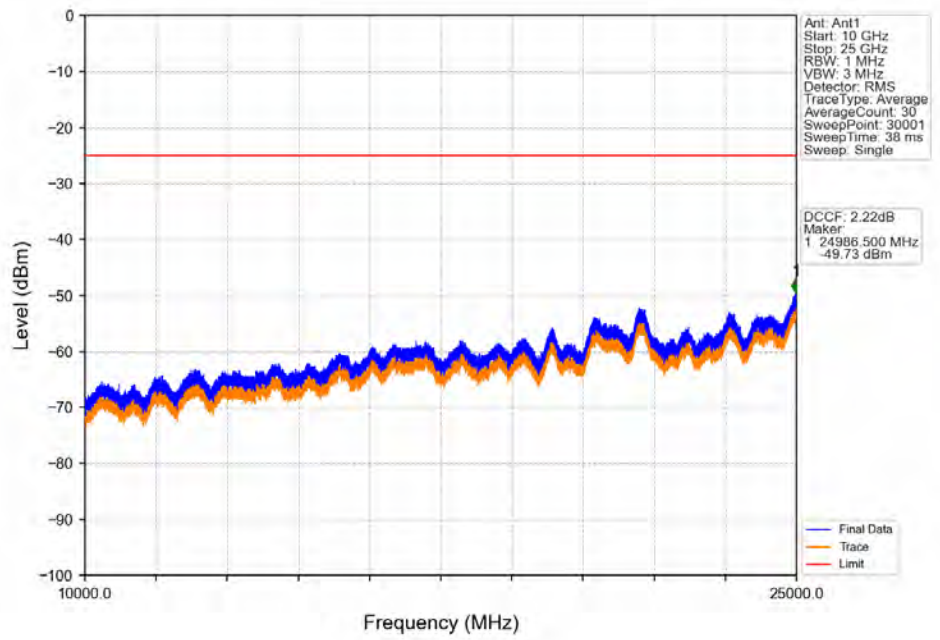
Band41_10MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



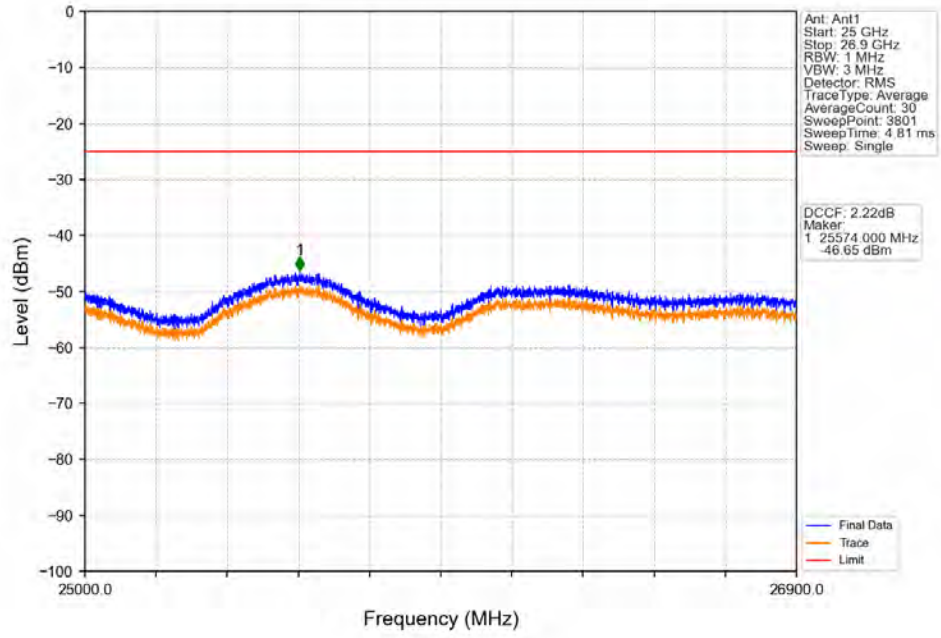
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



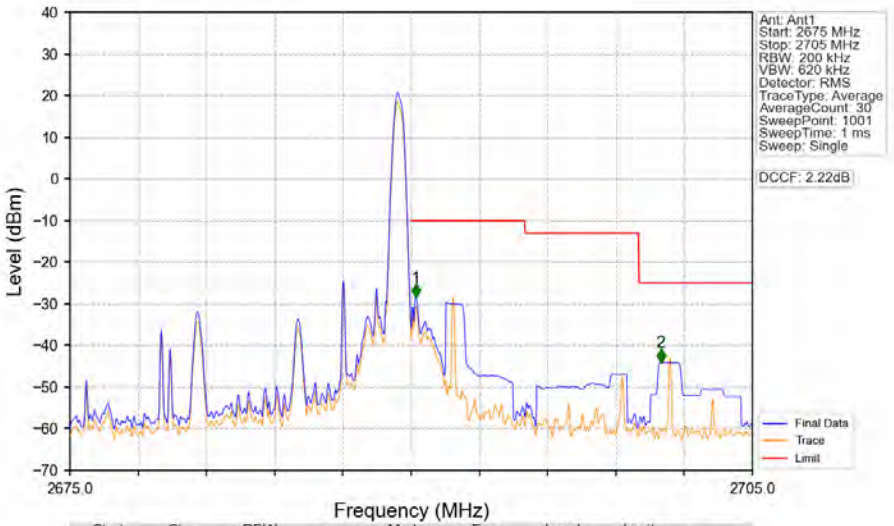
Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_16QAM_HCH_2685MHz_RB_1_0_NTNV

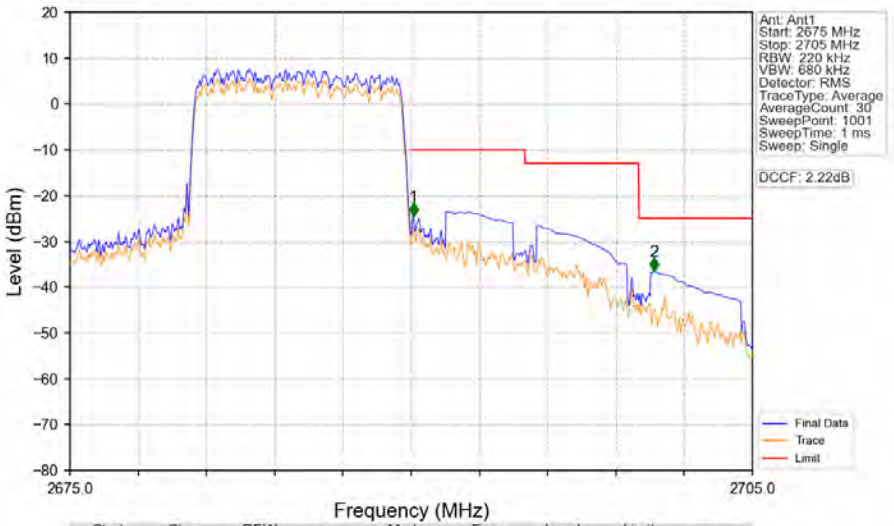


Band41_10MHz_16QAM_HCH_2685MHz_RB_1_49_NTNV



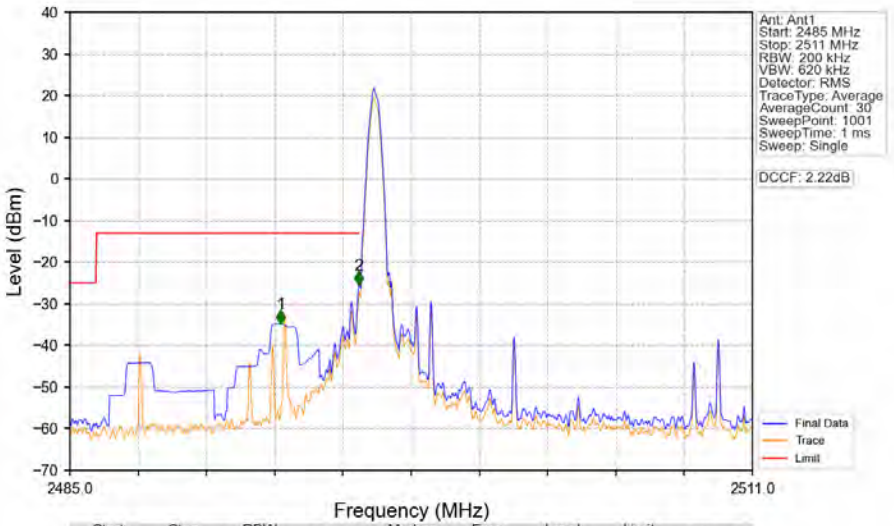
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.2	/	/	/	/	/	/
2690	2691	0.2	/	1	2690.210	-28.46	-10	Pass
2691	2705	1	CHP	2	2700.980	-44.10	-25	Pass

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV



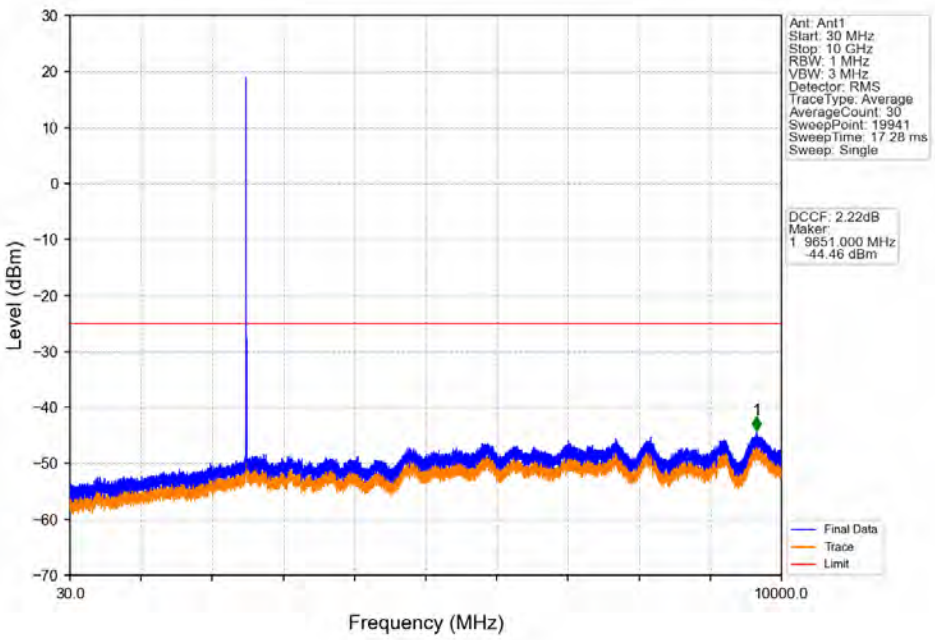
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.22	/	/	/	/	/	/
2690	2691	0.22	/	1	2690.090	-24.62	-10	Pass
2691	2705	1	CHP	2	2700.680	-36.63	-25	Pass

Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV

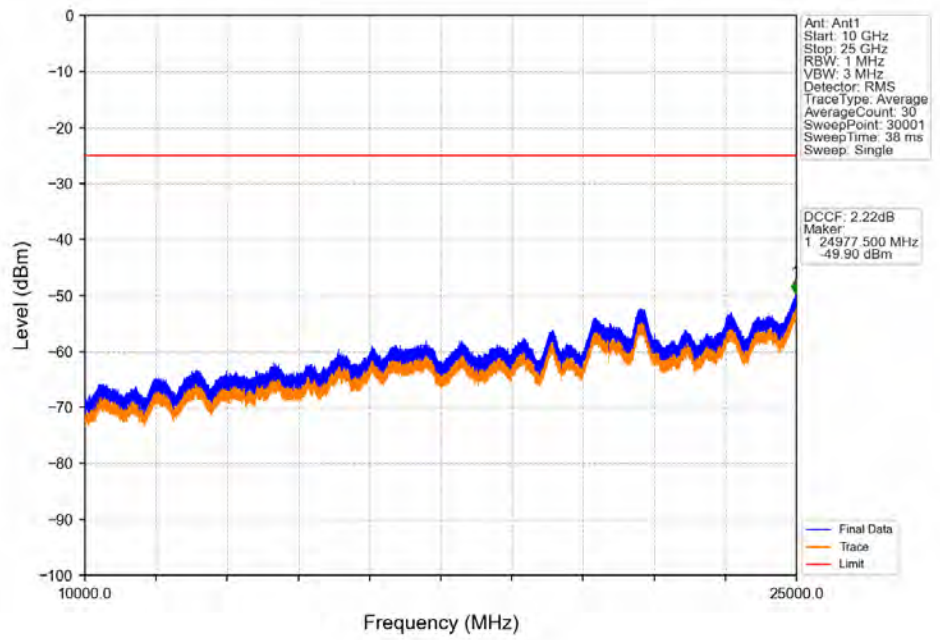


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2493.034	-34.86	-13	Pass
2495	2496	0.2	/	2	2495.998	-25.54	-13	Pass
2496	2511	0.2	/	/	/	/	/	/

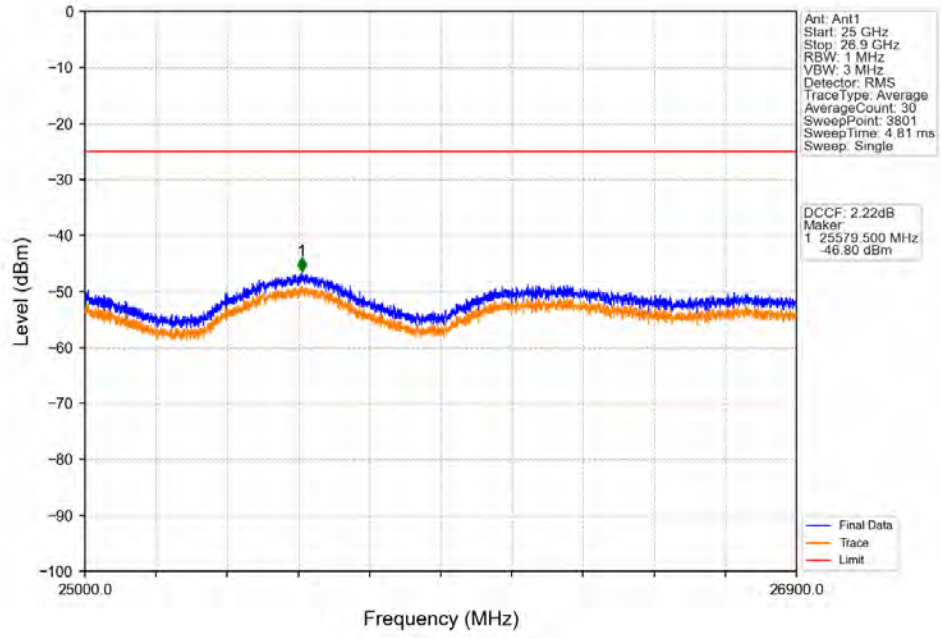
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



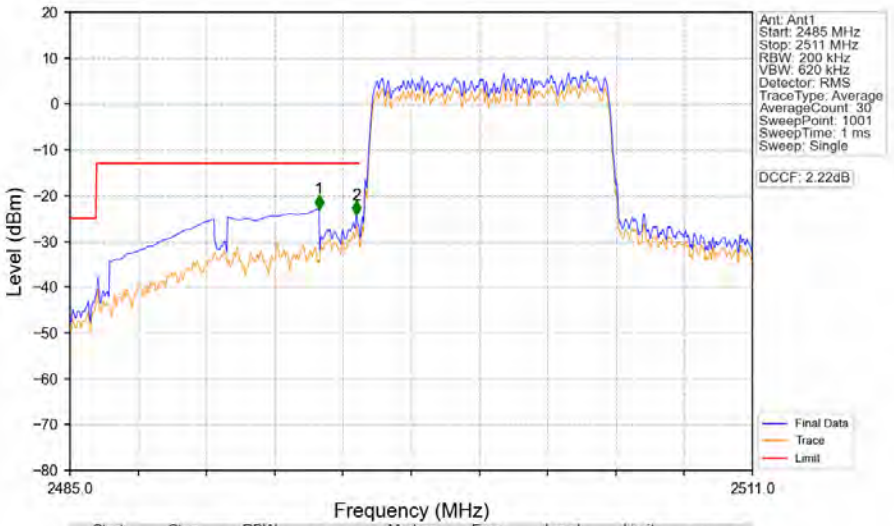
Band41_10MHz_64QAM_LCH_2501MHz_RB_1_0_NTNV



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	2495	1	CHP	1	2494.490	-22.95	-13	Pass
2495	2496	0.2	/	2	2495.920	-24.27	-13	Pass
2496	2511	0.203	/	/	/	/	/	/

Band41_10MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV