

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	25.00	-0.68	24.32	<=33.01	Pass
			13	25.10	-0.68	24.42	<=33.01	Pass
			24	25.03	-0.68	24.35	<=33.01	Pass
		12	0	23.96	-0.68	23.28	<=33.01	Pass
			6	24.00	-0.68	23.32	<=33.01	Pass
			13	23.97	-0.68	23.29	<=33.01	Pass
		25	0	23.87	-0.68	23.19	<=33.01	Pass
	2593	1	0	25.41	-0.68	24.73	<=33.01	Pass
			13	25.49	-0.68	24.81	<=33.01	Pass
			24	25.33	-0.68	24.65	<=33.01	Pass
		12	0	24.31	-0.68	23.63	<=33.01	Pass
			6	24.45	-0.68	23.77	<=33.01	Pass
			13	24.31	-0.68	23.63	<=33.01	Pass
		25	0	24.22	-0.68	23.54	<=33.01	Pass
	2687.5	1	0	25.08	-0.68	24.40	<=33.01	Pass
			13	25.07	-0.68	24.39	<=33.01	Pass
			24	25.02	-0.68	24.24	<=33.01	Pass
		12	0	23.90	-0.68	23.22	<=33.01	Pass
			6	23.94	-0.68	23.26	<=33.01	Pass
			13	23.84	-0.68	23.16	<=33.01	Pass
		25	0	23.91	-0.68	23.23	<=33.01	Pass
16QAM	2498.5	1	0	24.05	-0.68	23.37	<=33.01	Pass
			13	24.25	-0.68	23.57	<=33.01	Pass
			24	24.01	-0.68	23.33	<=33.01	Pass
		12	0	22.95	-0.68	22.27	<=33.01	Pass
			6	23.04	-0.68	22.36	<=33.01	Pass
			13	22.89	-0.68	22.21	<=33.01	Pass
		25	0	22.98	-0.68	22.30	<=33.01	Pass
	2593	1	0	24.57	-0.68	23.89	<=33.01	Pass
			13	24.54	-0.68	23.86	<=33.01	Pass
			24	24.32	-0.68	23.64	<=33.01	Pass
		12	0	23.39	-0.68	22.71	<=33.01	Pass
			6	23.41	-0.68	22.73	<=33.01	Pass
			13	23.31	-0.68	22.63	<=33.01	Pass
		25	0	23.26	-0.68	22.58	<=33.01	Pass
	2687.5	1	0	23.82	-0.68	23.14	<=33.01	Pass
			13	23.88	-0.68	23.20	<=33.01	Pass
			24	23.80	-0.68	23.12	<=33.01	Pass
		12	0	22.89	-0.68	22.21	<=33.01	Pass
			6	22.84	-0.68	22.16	<=33.01	Pass
			13	22.80	-0.68	22.12	<=33.01	Pass
		25	0	22.95	-0.68	22.27	<=33.01	Pass
64QAM	2498.5	1	0	23.20	-0.68	22.52	<=33.01	Pass
			13	23.25	-0.68	22.57	<=33.01	Pass
			24	22.97	-0.68	22.29	<=33.01	Pass
		12	0	21.89	-0.68	21.21	<=33.01	Pass
			6	22.14	-0.68	21.46	<=33.01	Pass
			13	22.06	-0.68	21.38	<=33.01	Pass
		25	0	21.90	-0.68	21.22	<=33.01	Pass

	2593	1	0	23.55	-0.68	22.87	<=33.01	Pass
			13	23.63	-0.68	22.95	<=33.01	Pass
			24	23.53	-0.68	22.85	<=33.01	Pass
		12	0	22.38	-0.68	21.70	<=33.01	Pass
			6	22.41	-0.68	21.73	<=33.01	Pass
			13	22.36	-0.68	21.68	<=33.01	Pass
		25	0	22.32	-0.68	21.64	<=33.01	Pass
	2687.5	1	0	23.08	-0.68	22.40	<=33.01	Pass
			13	23.01	-0.68	22.33	<=33.01	Pass
			24	23.00	-0.68	22.32	<=33.01	Pass
		12	0	21.96	-0.68	21.28	<=33.01	Pass
			6	21.99	-0.68	21.31	<=33.01	Pass
			13	21.83	-0.68	21.15	<=33.01	Pass
		25	0	21.92	-0.68	21.24	<=33.01	Pass
256QAM	2498.5	1	0	20.01	-0.68	19.33	<=33.01	Pass
			13	20.01	-0.68	19.33	<=33.01	Pass
			24	20.11	-0.68	19.43	<=33.01	Pass
		12	0	19.88	-0.68	19.20	<=33.01	Pass
			6	19.88	-0.68	19.20	<=33.01	Pass
			13	19.94	-0.68	19.26	<=33.01	Pass
		25	0	19.96	-0.68	19.28	<=33.01	Pass
	2593	1	0	20.35	-0.68	19.67	<=33.01	Pass
			13	20.60	-0.68	19.92	<=33.01	Pass
			24	20.32	-0.68	19.64	<=33.01	Pass
		12	0	20.35	-0.68	19.67	<=33.01	Pass
			6	20.31	-0.68	19.63	<=33.01	Pass
			13	20.28	-0.68	19.60	<=33.01	Pass
		25	0	20.20	-0.68	19.52	<=33.01	Pass
	2687.5	1	0	19.93	-0.68	19.25	<=33.01	Pass
			13	20.01	-0.68	19.33	<=33.01	Pass
			24	19.90	-0.68	19.22	<=33.01	Pass
		12	0	19.85	-0.68	19.17	<=33.01	Pass
			6	19.93	-0.68	19.25	<=33.01	Pass
			13	19.81	-0.68	19.13	<=33.01	Pass
		25	0	19.87	-0.68	19.19	<=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	25.07	-0.68	24.39	<=33.01	Pass
			25	25.03	-0.68	24.35	<=33.01	Pass
			49	25.02	-0.68	24.34	<=33.01	Pass
		25	0	24.04	-0.68	23.36	<=33.01	Pass
			13	23.97	-0.68	23.29	<=33.01	Pass
			25	24.05	-0.68	23.37	<=33.01	Pass
		50	0	23.99	-0.68	23.31	<=33.01	Pass
	2593	1	0	25.32	-0.68	24.64	<=33.01	Pass
			25	25.42	-0.68	24.74	<=33.01	Pass
			49	25.31	-0.68	24.63	<=33.01	Pass
		25	0	24.40	-0.68	23.72	<=33.01	Pass
			13	24.28	-0.68	23.60	<=33.01	Pass
			25	24.21	-0.68	23.53	<=33.01	Pass
		50	0	24.33	-0.68	23.65	<=33.01	Pass
	2685	1	0	25.09	-0.68	24.41	<=33.01	Pass

		25	25	25.06	-0.68	24.38	<=33.01	Pass
			49	25.03	-0.68	24.35	<=33.01	Pass
			0	23.88	-0.68	23.20	<=33.01	Pass
			13	23.92	-0.68	23.24	<=33.01	Pass
			25	23.95	-0.68	23.27	<=33.01	Pass
		50	0	23.92	-0.68	23.24	<=33.01	Pass
16QAM	2501	1	0	24.03	-0.68	23.35	<=33.01	Pass
			25	24.21	-0.68	23.53	<=33.01	Pass
			49	24.12	-0.68	23.44	<=33.01	Pass
		25	0	22.93	-0.68	22.25	<=33.01	Pass
			13	23.06	-0.68	22.38	<=33.01	Pass
			25	23.05	-0.68	22.37	<=33.01	Pass
		50	0	23.00	-0.68	22.32	<=33.01	Pass
	2593	1	0	24.50	-0.68	23.82	<=33.01	Pass
			25	24.55	-0.68	23.87	<=33.01	Pass
			49	24.38	-0.68	23.70	<=33.01	Pass
		25	0	23.37	-0.68	22.69	<=33.01	Pass
			13	23.29	-0.68	22.61	<=33.01	Pass
			25	23.33	-0.68	22.65	<=33.01	Pass
		50	0	23.23	-0.68	22.55	<=33.01	Pass
	2685	1	0	24.05	-0.68	23.37	<=33.01	Pass
			25	24.13	-0.68	23.45	<=33.01	Pass
			49	24.00	-0.68	23.32	<=33.01	Pass
		25	0	22.92	-0.68	22.24	<=33.01	Pass
			13	22.88	-0.68	22.20	<=33.01	Pass
			25	22.94	-0.68	22.26	<=33.01	Pass
		50	0	22.91	-0.68	22.23	<=33.01	Pass
64QAM	2501	1	0	23.09	-0.68	22.41	<=33.01	Pass
			25	23.28	-0.68	22.60	<=33.01	Pass
			49	23.16	-0.68	22.48	<=33.01	Pass
		25	0	21.92	-0.68	21.24	<=33.01	Pass
			13	22.09	-0.68	21.41	<=33.01	Pass
			25	22.04	-0.68	21.36	<=33.01	Pass
		50	0	21.94	-0.68	21.26	<=33.01	Pass
	2593	1	0	23.61	-0.68	22.93	<=33.01	Pass
			25	23.72	-0.68	23.04	<=33.01	Pass
			49	23.41	-0.68	22.73	<=33.01	Pass
		25	0	22.35	-0.68	21.67	<=33.01	Pass
			13	22.35	-0.68	21.67	<=33.01	Pass
			25	22.36	-0.68	21.68	<=33.01	Pass
		50	0	22.31	-0.68	21.63	<=33.01	Pass
	2685	1	0	23.12	-0.68	22.44	<=33.01	Pass
			25	23.25	-0.68	22.57	<=33.01	Pass
			49	23.09	-0.68	22.41	<=33.01	Pass
		25	0	21.93	-0.68	21.25	<=33.01	Pass
			13	21.94	-0.68	21.26	<=33.01	Pass
			25	21.88	-0.68	21.20	<=33.01	Pass
		50	0	21.88	-0.68	21.20	<=33.01	Pass
256QAM	2501	1	0	20.02	-0.68	19.34	<=33.01	Pass
			25	20.14	-0.68	19.46	<=33.01	Pass
			49	20.03	-0.68	19.35	<=33.01	Pass
		25	0	19.92	-0.68	19.24	<=33.01	Pass
			13	19.95	-0.68	19.27	<=33.01	Pass
			25	20.02	-0.68	19.34	<=33.01	Pass
		50	0	19.92	-0.68	19.24	<=33.01	Pass
	2593	1	0	20.35	-0.68	19.67	<=33.01	Pass
			25	20.50	-0.68	19.82	<=33.01	Pass
			49	20.27	-0.68	19.59	<=33.01	Pass
		25	0	20.30	-0.68	19.62	<=33.01	Pass

			13	20.25	-0.68	19.57	<=33.01	Pass
			25	20.21	-0.68	19.53	<=33.01	Pass
		50	0	20.30	-0.68	19.62	<=33.01	Pass
	2685	1	0	19.87	-0.68	19.19	<=33.01	Pass
			25	20.00	-0.68	19.32	<=33.01	Pass
			49	19.95	-0.68	19.27	<=33.01	Pass
		25	0	19.91	-0.68	19.23	<=33.01	Pass
			13	19.96	-0.68	19.28	<=33.01	Pass
			25	19.88	-0.68	19.20	<=33.01	Pass
		50	0	19.87	-0.68	19.19	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	25.07	-0.68	24.39	<=33.01	Pass
			38	25.05	-0.68	24.37	<=33.01	Pass
			74	25.01	-0.68	24.33	<=33.01	Pass
		36	0	23.81	-0.68	23.13	<=33.01	Pass
			18	23.74	-0.68	23.06	<=33.01	Pass
			39	23.81	-0.68	23.13	<=33.01	Pass
		75	0	23.76	-0.68	23.08	<=33.01	Pass
	2593	1	0	25.20	-0.68	24.52	<=33.01	Pass
			38	25.15	-0.68	24.47	<=33.01	Pass
			74	25.12	-0.68	24.44	<=33.01	Pass
		36	0	24.24	-0.68	23.56	<=33.01	Pass
			18	24.25	-0.68	23.57	<=33.01	Pass
			39	24.21	-0.68	23.53	<=33.01	Pass
		75	0	24.21	-0.68	23.53	<=33.01	Pass
	2682.5	1	0	25.02	-0.68	24.34	<=33.01	Pass
			38	25.02	-0.68	24.34	<=33.01	Pass
			74	25.01	-0.68	24.33	<=33.01	Pass
		36	0	23.84	-0.68	23.16	<=33.01	Pass
			18	23.78	-0.68	23.10	<=33.01	Pass
			39	23.85	-0.68	23.17	<=33.01	Pass
		75	0	23.86	-0.68	23.18	<=33.01	Pass
16QAM	2503.5	1	0	23.98	-0.68	23.30	<=33.01	Pass
			38	23.94	-0.68	23.26	<=33.01	Pass
			74	23.86	-0.68	23.18	<=33.01	Pass
		36	0	22.69	-0.68	22.01	<=33.01	Pass
			18	22.71	-0.68	22.03	<=33.01	Pass
			39	22.82	-0.68	22.14	<=33.01	Pass
		75	0	22.72	-0.68	22.04	<=33.01	Pass
	2593	1	0	24.24	-0.68	23.56	<=33.01	Pass
			38	24.22	-0.68	23.54	<=33.01	Pass
			74	24.14	-0.68	23.46	<=33.01	Pass
		36	0	23.26	-0.68	22.58	<=33.01	Pass
			18	23.18	-0.68	22.50	<=33.01	Pass
			39	23.17	-0.68	22.49	<=33.01	Pass
		75	0	23.19	-0.68	22.51	<=33.01	Pass
	2682.5	1	0	23.83	-0.68	23.15	<=33.01	Pass
			38	23.85	-0.68	23.17	<=33.01	Pass
			74	23.79	-0.68	23.11	<=33.01	Pass
		36	0	22.72	-0.68	22.04	<=33.01	Pass
			18	22.82	-0.68	22.14	<=33.01	Pass

			39	22.80	-0.68	22.12	<=33.01	Pass	
		75	0	22.85	-0.68	22.17	<=33.01	Pass	
64QAM	2503.5	1	0	22.96	-0.68	22.28	<=33.01	Pass	
			38	23.10	-0.68	22.42	<=33.01	Pass	
			74	23.02	-0.68	22.34	<=33.01	Pass	
			0	21.74	-0.68	21.06	<=33.01	Pass	
		36	18	21.73	-0.68	21.05	<=33.01	Pass	
			39	21.87	-0.68	21.19	<=33.01	Pass	
			75	0	21.72	-0.68	21.04	<=33.01	Pass
		2593	1	0	23.31	-0.68	22.63	<=33.01	Pass
				38	23.48	-0.68	22.80	<=33.01	Pass
				74	23.47	-0.68	22.79	<=33.01	Pass
	0			22.26	-0.68	21.58	<=33.01	Pass	
	36		18	22.18	-0.68	21.50	<=33.01	Pass	
			39	22.17	-0.68	21.49	<=33.01	Pass	
			75	0	22.09	-0.68	21.41	<=33.01	Pass
	2682.5		1	0	22.91	-0.68	22.23	<=33.01	Pass
		38		22.90	-0.68	22.22	<=33.01	Pass	
		74		23.06	-0.68	22.38	<=33.01	Pass	
		0		21.79	-0.68	21.11	<=33.01	Pass	
		36	18	21.74	-0.68	21.06	<=33.01	Pass	
			39	21.82	-0.68	21.14	<=33.01	Pass	
			75	0	21.75	-0.68	21.07	<=33.01	Pass
		256QAM	2503.5	1	0	19.79	-0.68	19.11	<=33.01
	38				19.78	-0.68	19.10	<=33.01	Pass
74	19.96				-0.68	19.28	<=33.01	Pass	
36	0			19.68	-0.68	19.00	<=33.01	Pass	
	18			19.64	-0.68	18.96	<=33.01	Pass	
	39			19.75	-0.68	19.07	<=33.01	Pass	
75	0			19.75	-0.68	19.07	<=33.01	Pass	
2593	1		0	20.24	-0.68	19.56	<=33.01	Pass	
			38	20.20	-0.68	19.52	<=33.01	Pass	
			74	20.09	-0.68	19.41	<=33.01	Pass	
	36		0	20.14	-0.68	19.46	<=33.01	Pass	
			18	20.16	-0.68	19.48	<=33.01	Pass	
			39	20.09	-0.68	19.41	<=33.01	Pass	
75	0		20.06	-0.68	19.38	<=33.01	Pass		
2682.5	1		0	19.75	-0.68	19.07	<=33.01	Pass	
			38	19.69	-0.68	19.01	<=33.01	Pass	
			74	19.72	-0.68	19.04	<=33.01	Pass	
	36		0	19.78	-0.68	19.10	<=33.01	Pass	
			18	19.76	-0.68	19.08	<=33.01	Pass	
			39	19.69	-0.68	19.01	<=33.01	Pass	
	75		0	19.77	-0.68	19.09	<=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	25.01	-0.68	24.33	<=33.01	Pass
			50	25.00	-0.68	24.32	<=33.01	Pass
			99	25.01	-0.68	24.33	<=33.01	Pass
		50	0	23.78	-0.68	23.10	<=33.01	Pass
			25	23.82	-0.68	23.14	<=33.01	Pass
			50	23.77	-0.68	23.09	<=33.01	Pass

		100	0	23.83	-0.68	23.15	<=33.01	Pass
		2593	1	0	25.05	-0.68	24.37	<=33.01
				50	25.16	-0.68	24.48	<=33.01
				99	25.08	-0.68	24.40	<=33.01
			50	0	24.24	-0.68	23.56	<=33.01
				25	24.09	-0.68	23.41	<=33.01
				50	24.14	-0.68	23.46	<=33.01
		100	0	24.12	-0.68	23.44	<=33.01	Pass
		2680	1	0	25.00	-0.68	24.32	<=33.01
				50	25.02	-0.68	24.34	<=33.01
				99	25.01	-0.68	24.33	<=33.01
			50	0	23.74	-0.68	23.06	<=33.01
				25	23.71	-0.68	23.03	<=33.01
				50	23.70	-0.68	23.02	<=33.01
16QAM		100	0	23.81	-0.68	23.13	<=33.01	Pass
		2506	1	0	23.70	-0.68	23.02	<=33.01
				50	23.91	-0.68	23.23	<=33.01
				99	23.95	-0.68	23.27	<=33.01
			50	0	22.71	-0.68	22.03	<=33.01
				25	22.69	-0.68	22.01	<=33.01
				50	22.86	-0.68	22.18	<=33.01
		100	0	22.77	-0.68	22.09	<=33.01	Pass
		2593	1	0	24.15	-0.68	23.47	<=33.01
				50	24.30	-0.68	23.62	<=33.01
				99	24.29	-0.68	23.61	<=33.01
			50	0	23.20	-0.68	22.52	<=33.01
				25	23.07	-0.68	22.39	<=33.01
				50	23.13	-0.68	22.45	<=33.01
		100	0	23.15	-0.68	22.47	<=33.01	Pass
		2680	1	0	24.03	-0.68	23.35	<=33.01
				50	23.98	-0.68	23.30	<=33.01
				99	23.99	-0.68	23.31	<=33.01
			50	0	22.74	-0.68	22.06	<=33.01
				25	22.70	-0.68	22.02	<=33.01
				50	22.63	-0.68	21.95	<=33.01
64QAM		100	0	22.78	-0.68	22.10	<=33.01	Pass
		2506	1	0	23.08	-0.68	22.40	<=33.01
				50	23.07	-0.68	22.39	<=33.01
				99	23.20	-0.68	22.52	<=33.01
			50	0	21.70	-0.68	21.02	<=33.01
				25	21.80	-0.68	21.12	<=33.01
				50	21.76	-0.68	21.08	<=33.01
		100	0	21.79	-0.68	21.11	<=33.01	Pass
		2593	1	0	23.49	-0.68	22.81	<=33.01
				50	23.52	-0.68	22.84	<=33.01
				99	23.29	-0.68	22.61	<=33.01
			50	0	22.17	-0.68	21.49	<=33.01
				25	22.19	-0.68	21.51	<=33.01
				50	22.05	-0.68	21.37	<=33.01
		100	0	22.05	-0.68	21.37	<=33.01	Pass
		2680	1	0	23.14	-0.68	22.46	<=33.01
				50	23.10	-0.68	22.42	<=33.01
				99	22.90	-0.68	22.22	<=33.01
			50	0	21.84	-0.68	21.16	<=33.01
				25	21.75	-0.68	21.07	<=33.01
				50	21.64	-0.68	20.96	<=33.01
256QAM		100	0	21.80	-0.68	21.12	<=33.01	Pass
		2506	1	0	19.81	-0.68	19.13	<=33.01
				50	19.79	-0.68	19.11	<=33.01

		50	99	19.95	-0.68	19.27	<=33.01	Pass
			0	19.68	-0.68	19.00	<=33.01	Pass
			25	19.70	-0.68	19.02	<=33.01	Pass
			50	19.85	-0.68	19.17	<=33.01	Pass
		100	0	19.71	-0.68	19.03	<=33.01	Pass
	2593	1	0	20.27	-0.68	19.59	<=33.01	Pass
			50	20.14	-0.68	19.46	<=33.01	Pass
			99	20.01	-0.68	19.33	<=33.01	Pass
		50	0	20.12	-0.68	19.44	<=33.01	Pass
			25	20.16	-0.68	19.48	<=33.01	Pass
			50	20.12	-0.68	19.44	<=33.01	Pass
		100	0	20.12	-0.68	19.44	<=33.01	Pass
	2680	1	0	19.92	-0.68	19.24	<=33.01	Pass
			50	19.76	-0.68	19.08	<=33.01	Pass
			99	19.78	-0.68	19.10	<=33.01	Pass
		50	0	19.74	-0.68	19.06	<=33.01	Pass
			25	19.78	-0.68	19.10	<=33.01	Pass
			50	19.63	-0.68	18.95	<=33.01	Pass
		100	0	19.74	-0.68	19.06	<=33.01	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

2. Frequency Stability

2.1 Test Result

2.1.1 B41_10MHz

Band: 41 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	LV	-0.818	-0.0003	-2.5 to 2.5	Pass
					NV	-0.751	-0.0003	-2.5 to 2.5	Pass
					HV	-1.582	-0.0006	-2.5 to 2.5	Pass
				-30	NV	-1.889	-0.0007	-2.5 to 2.5	Pass
				-20	NV	-2.036	-0.0008	-2.5 to 2.5	Pass
				-10	NV	-0.247	-0.0001	-2.5 to 2.5	Pass
				0	NV	-0.757	-0.0003	-2.5 to 2.5	Pass
				10	NV	-0.861	-0.0003	-2.5 to 2.5	Pass
				30	NV	-0.911	-0.0004	-2.5 to 2.5	Pass
				40	NV	0.160	0.0001	-2.5 to 2.5	Pass
				50	NV	0.105	0.0000	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

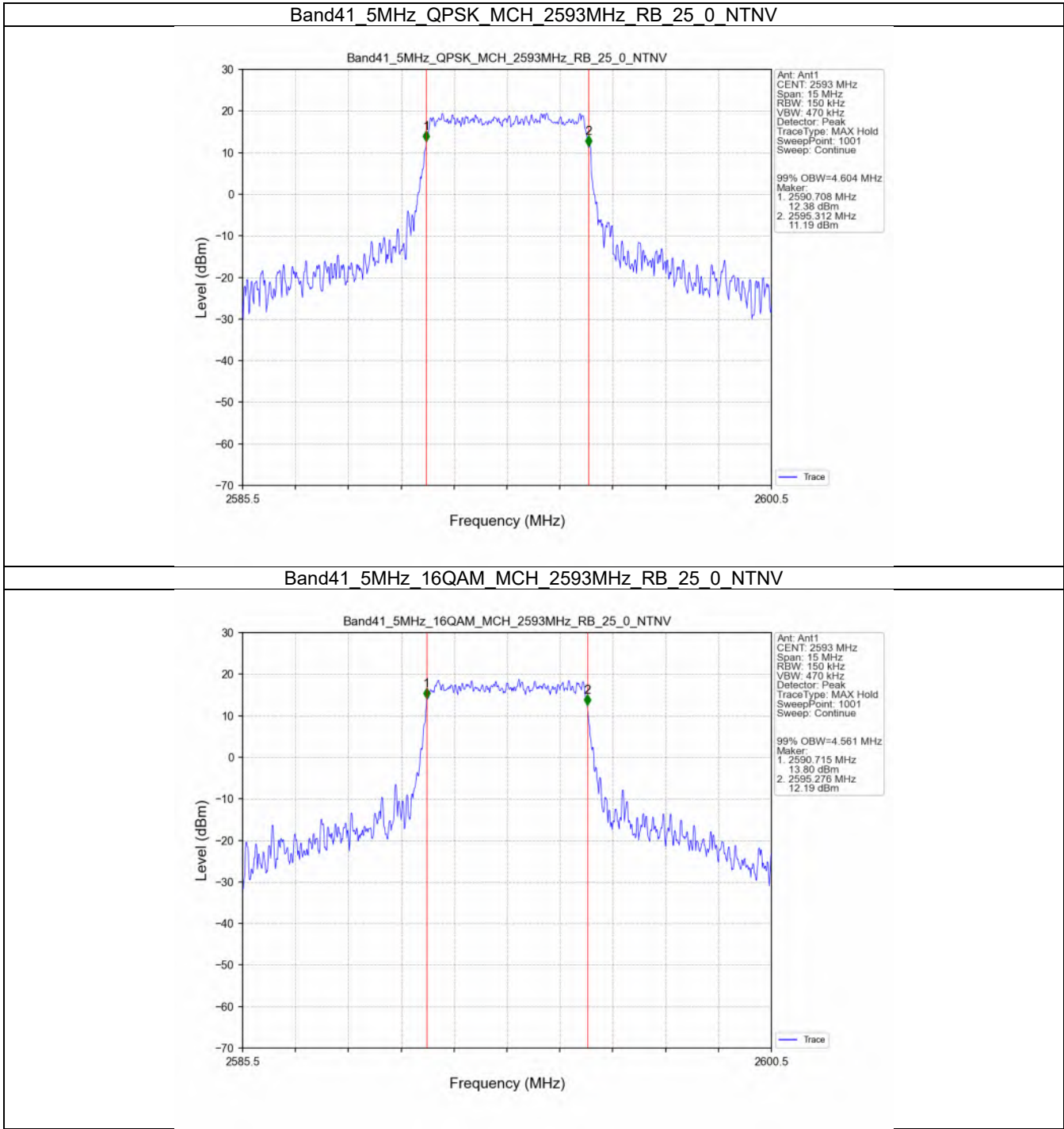
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.604	/	Pass
	16QAM	2593	25	0	4.561	/	Pass
	64QAM	2593	25	0	4.573	/	Pass
	256QAM	2593	25	0	4.606	/	Pass
10	QPSK	2593	50	0	9.083	/	Pass
	16QAM	2593	50	0	9.148	/	Pass
	64QAM	2593	50	0	9.091	/	Pass
	256QAM	2593	50	0	9.134	/	Pass
15	QPSK	2593	75	0	13.667	/	Pass
	16QAM	2593	75	0	13.632	/	Pass
	64QAM	2593	75	0	13.661	/	Pass
	256QAM	2593	75	0	13.637	/	Pass
20	QPSK	2593	100	0	18.203	/	Pass
	16QAM	2593	100	0	18.282	/	Pass
	64QAM	2593	100	0	18.218	/	Pass
	256QAM	2593	100	0	18.134	/	Pass

3.1.2 Band41_XDB

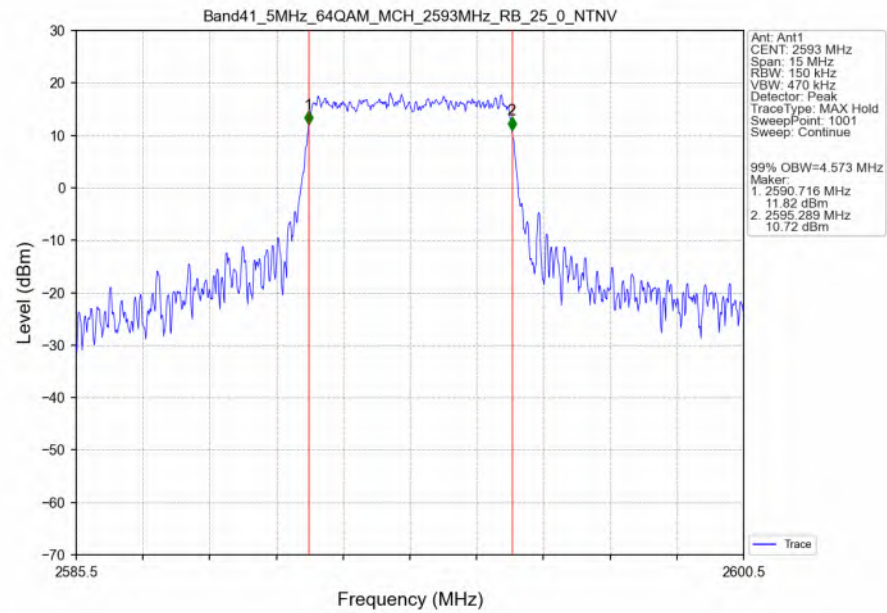
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.510	/	Pass
	16QAM	2593	25	0	5.840	/	Pass
	64QAM	2593	25	0	5.672	/	Pass
	256QAM	2593	25	0	6.041	/	Pass
10	QPSK	2593	50	0	10.255	/	Pass
	16QAM	2593	50	0	11.134	/	Pass
	64QAM	2593	50	0	10.275	/	Pass
	256QAM	2593	50	0	11.256	/	Pass
15	QPSK	2593	75	0	15.837	/	Pass
	16QAM	2593	75	0	15.512	/	Pass
	64QAM	2593	75	0	17.443	/	Pass
	256QAM	2593	75	0	16.712	/	Pass
20	QPSK	2593	100	0	22.894	/	Pass
	16QAM	2593	100	0	21.442	/	Pass
	64QAM	2593	100	0	23.795	/	Pass
	256QAM	2593	100	0	20.995	/	Pass

3.2 Test Graph

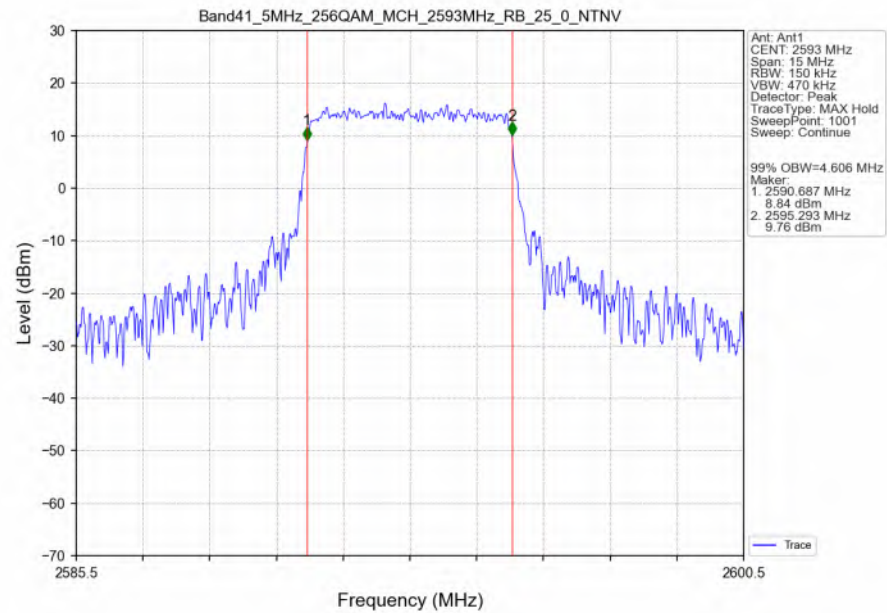
3.2.1 Band41_OBW



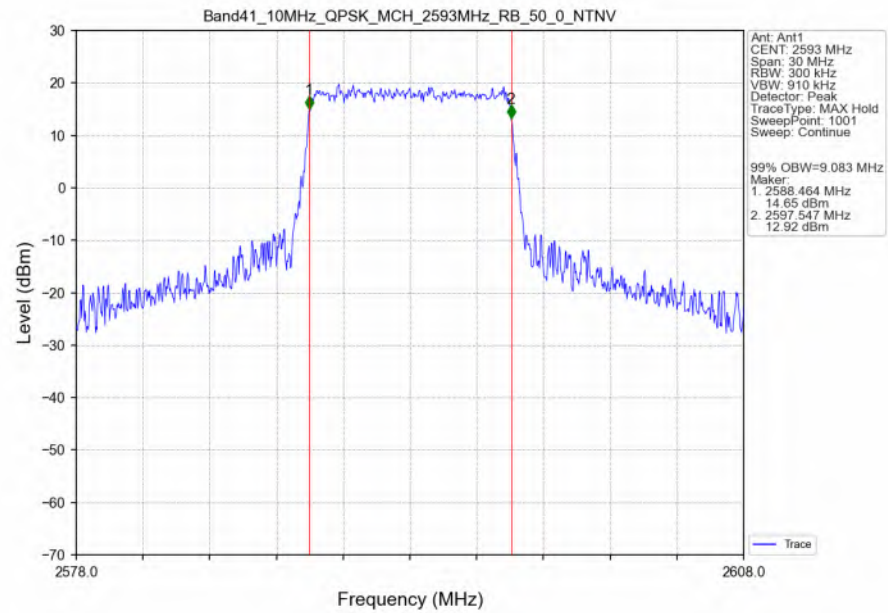
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



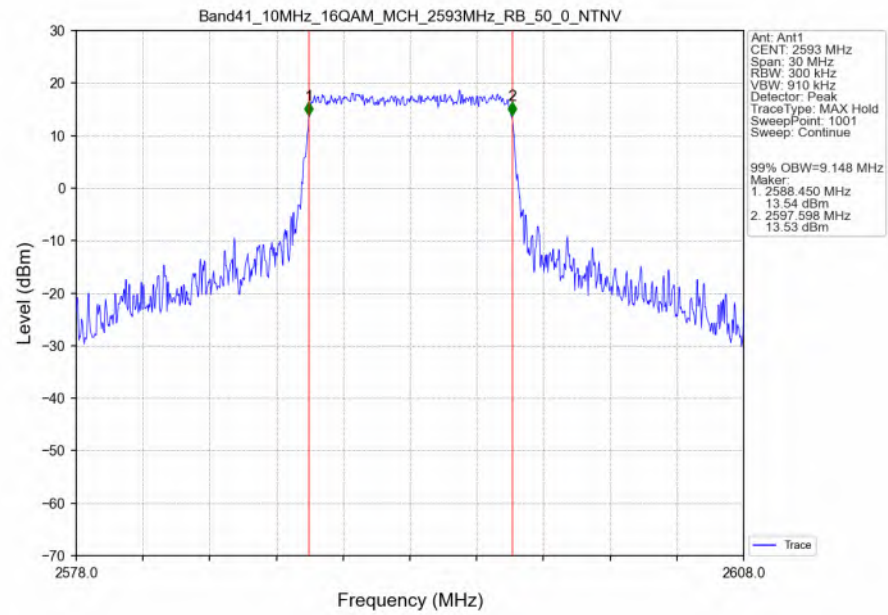
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



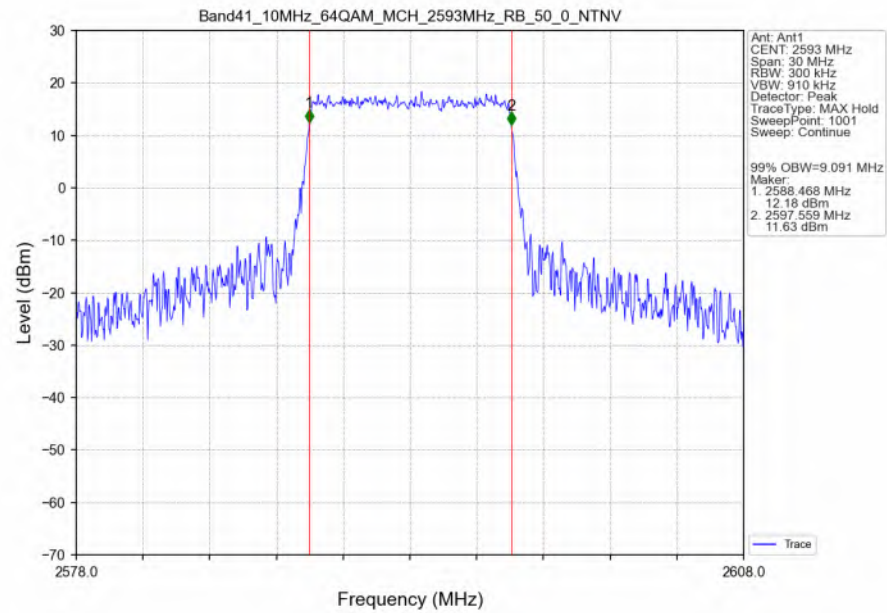
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



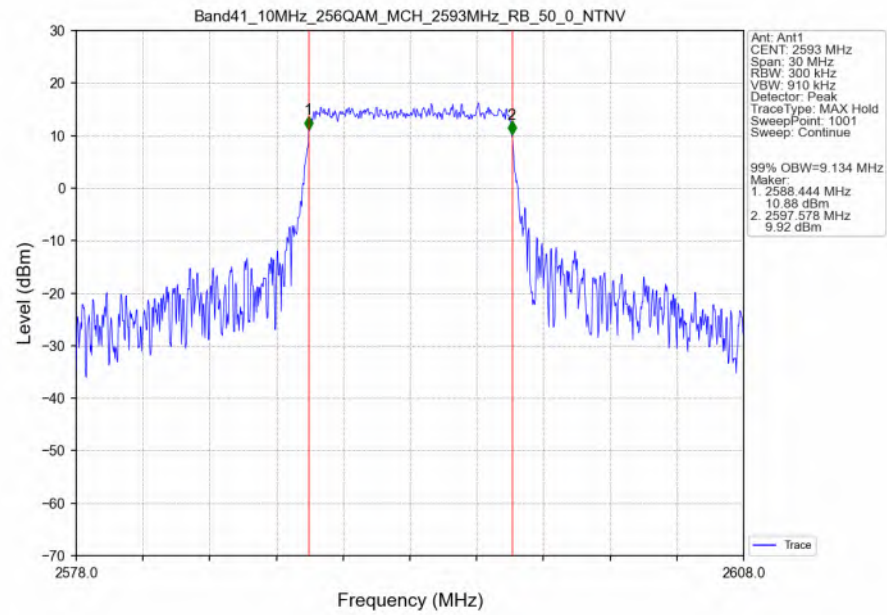
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



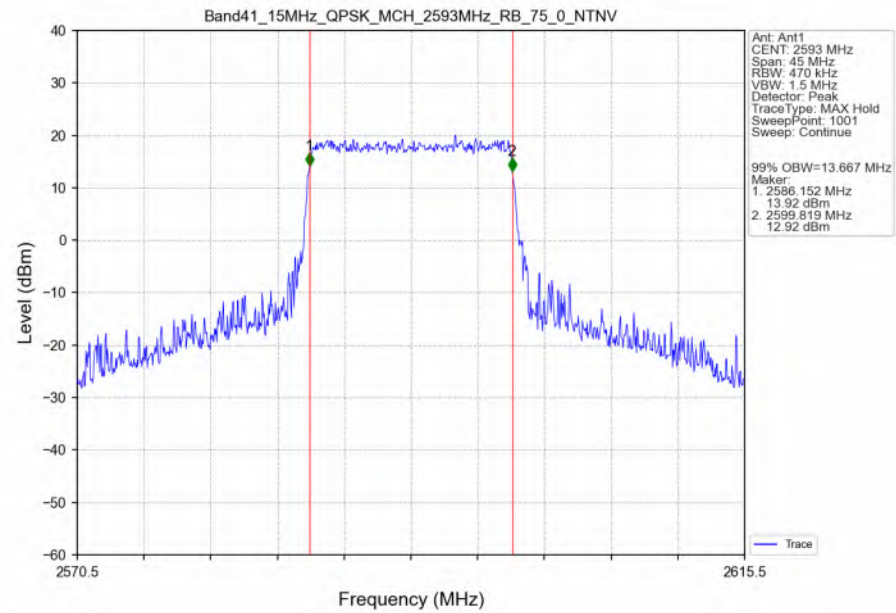
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



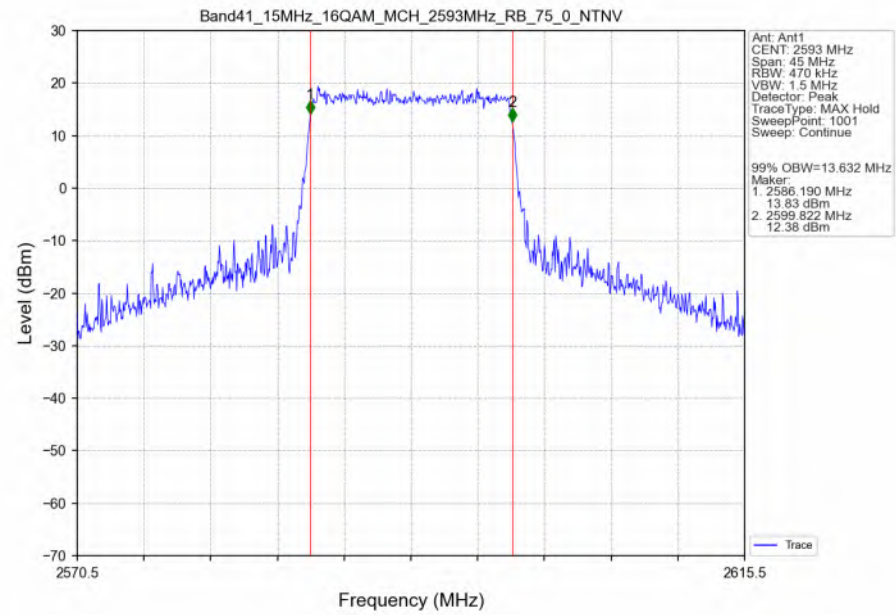
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTNV



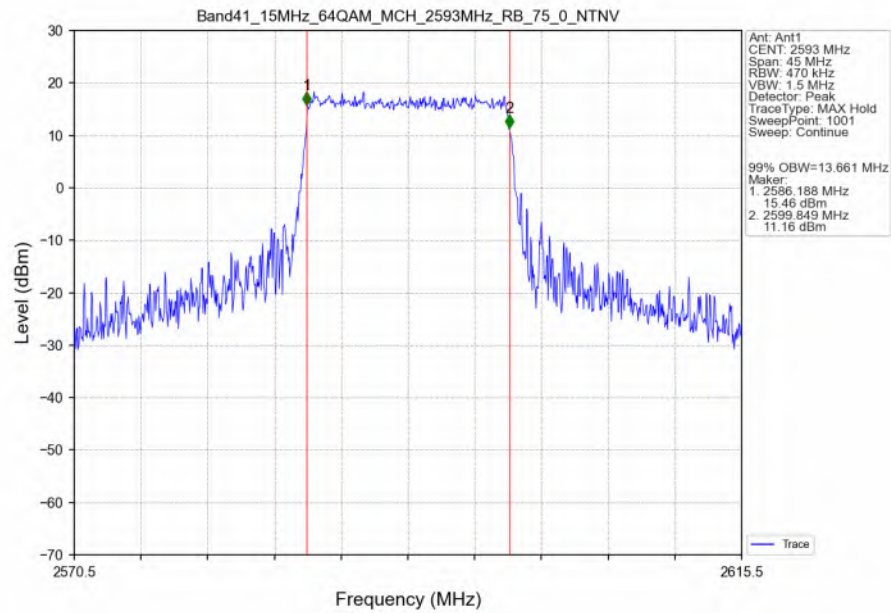
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



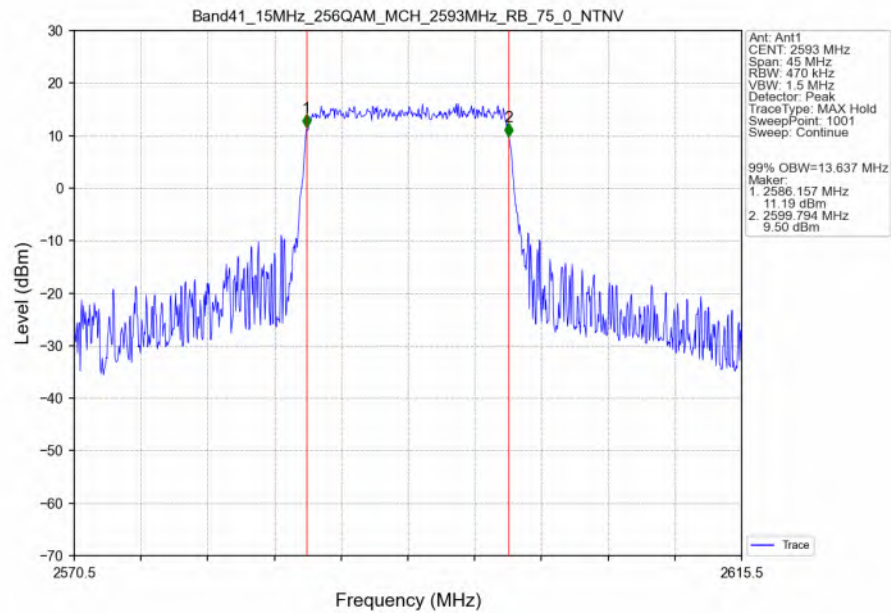
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



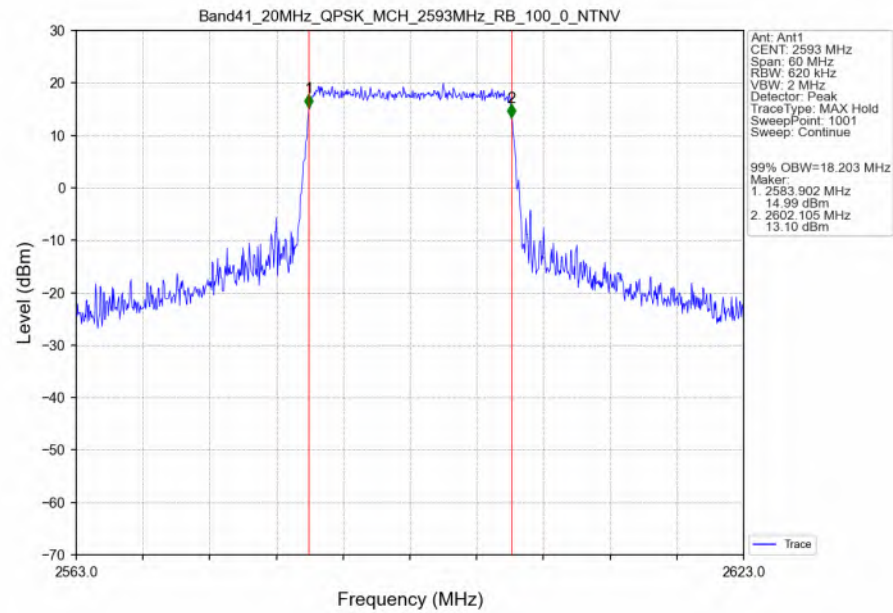
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTN



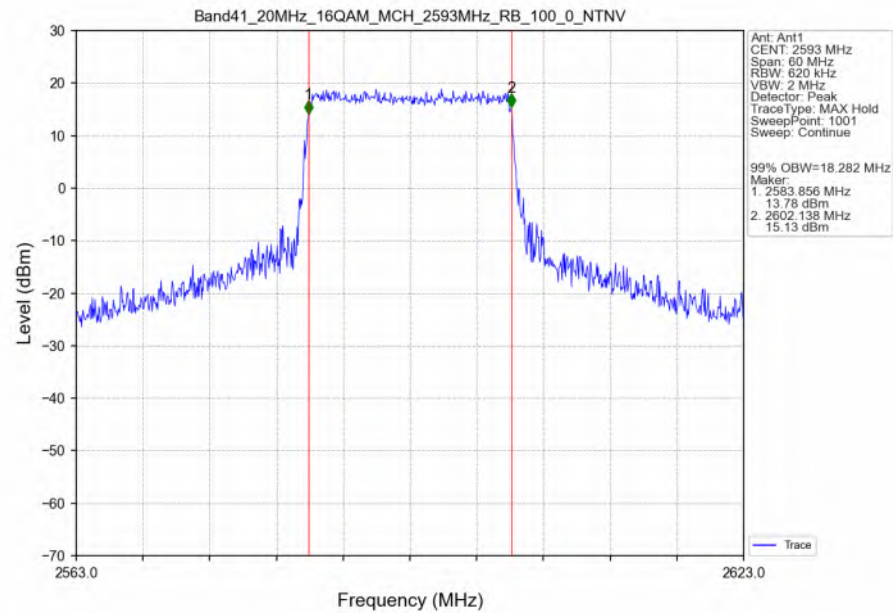
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTN



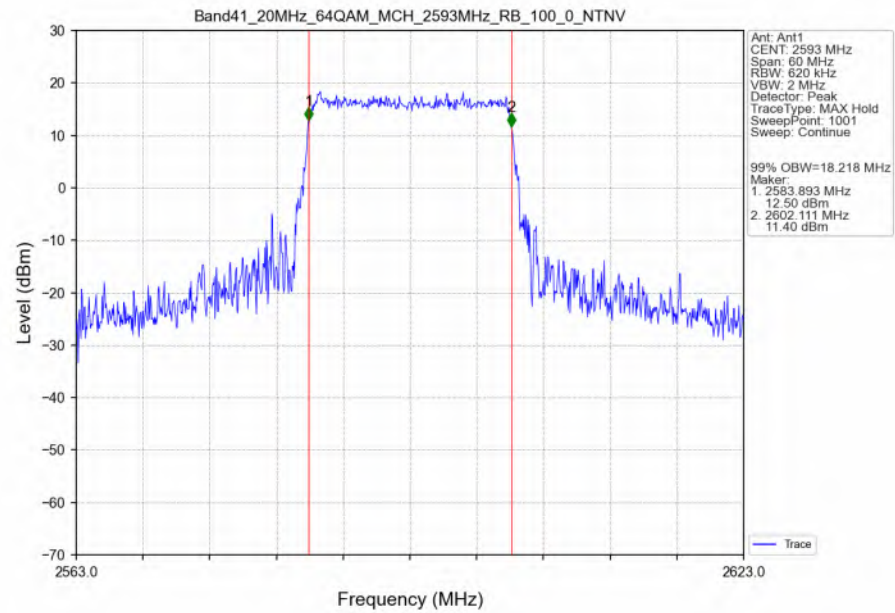
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



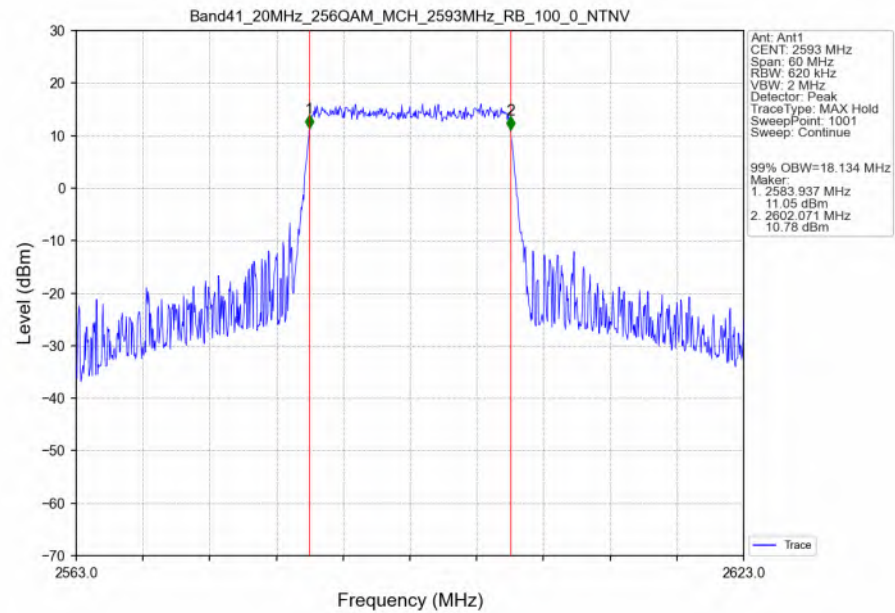
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV

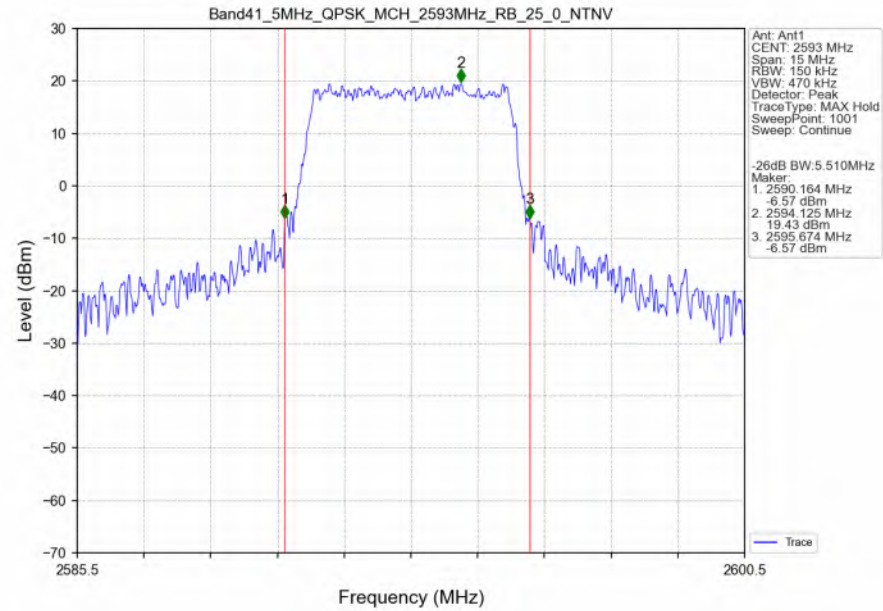


Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV

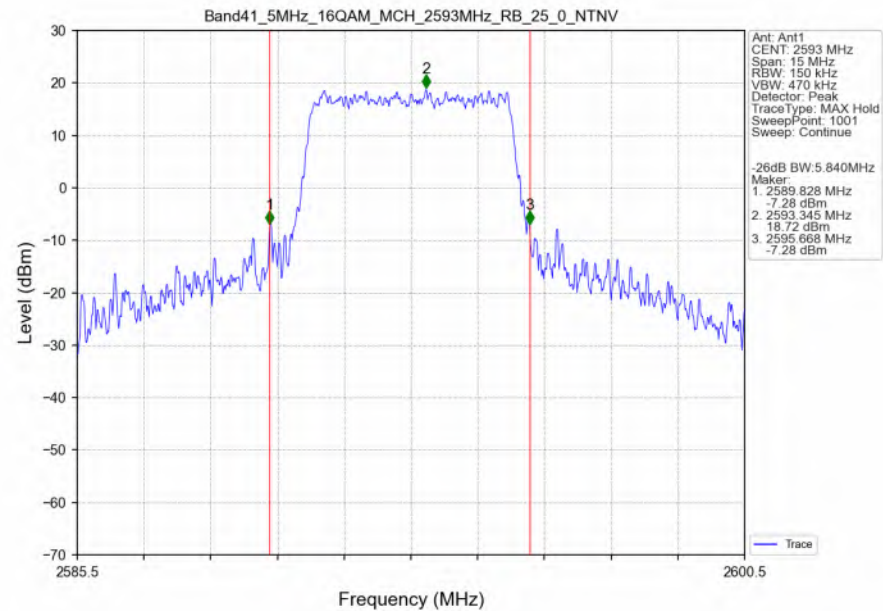


3.2.2 Band41_XDB

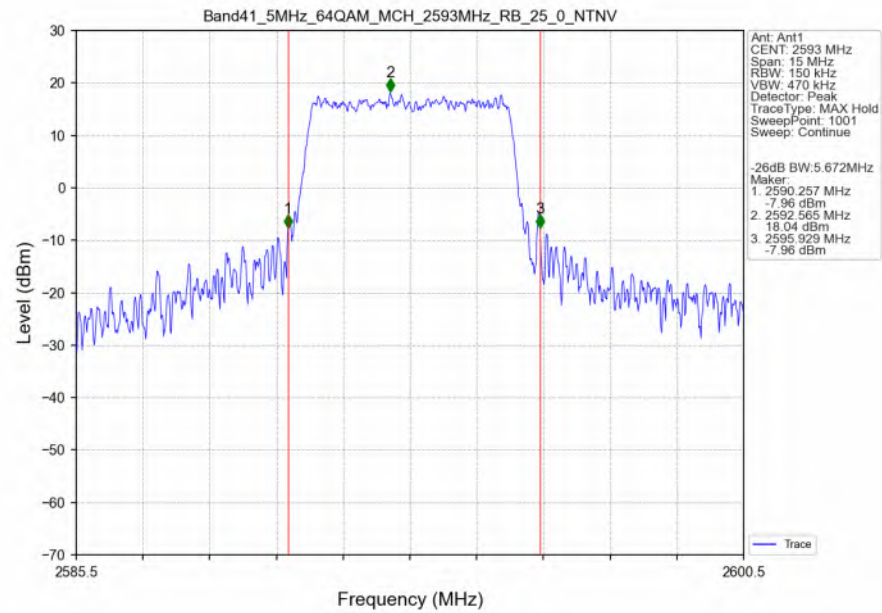
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



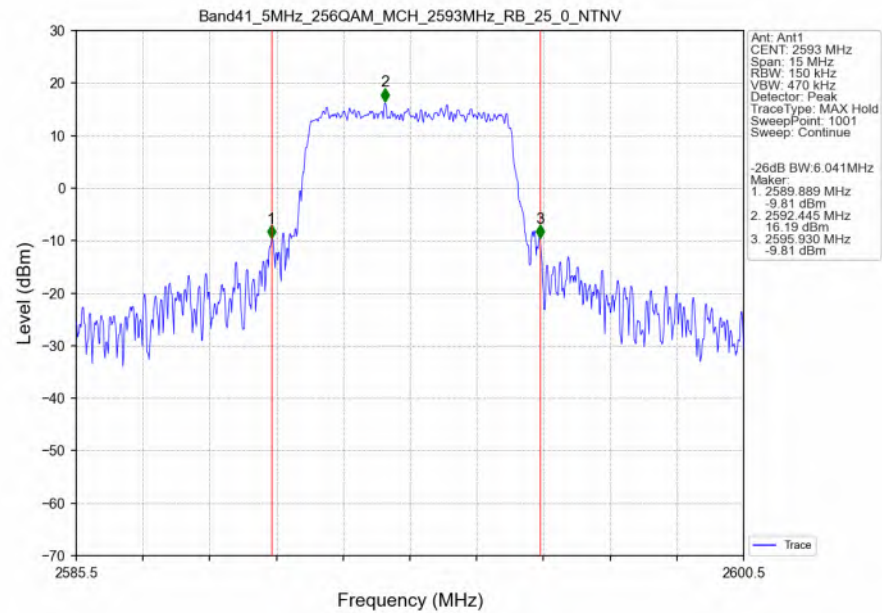
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



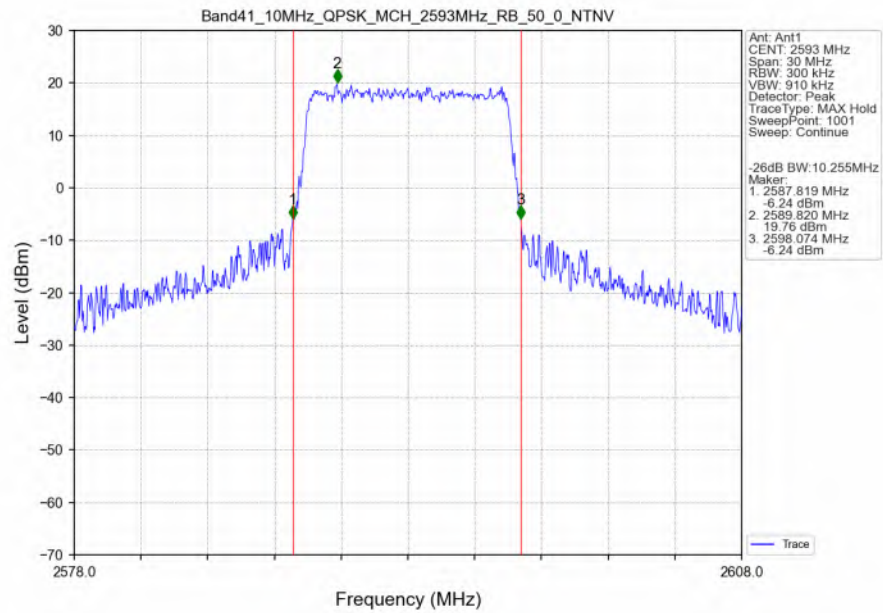
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTN



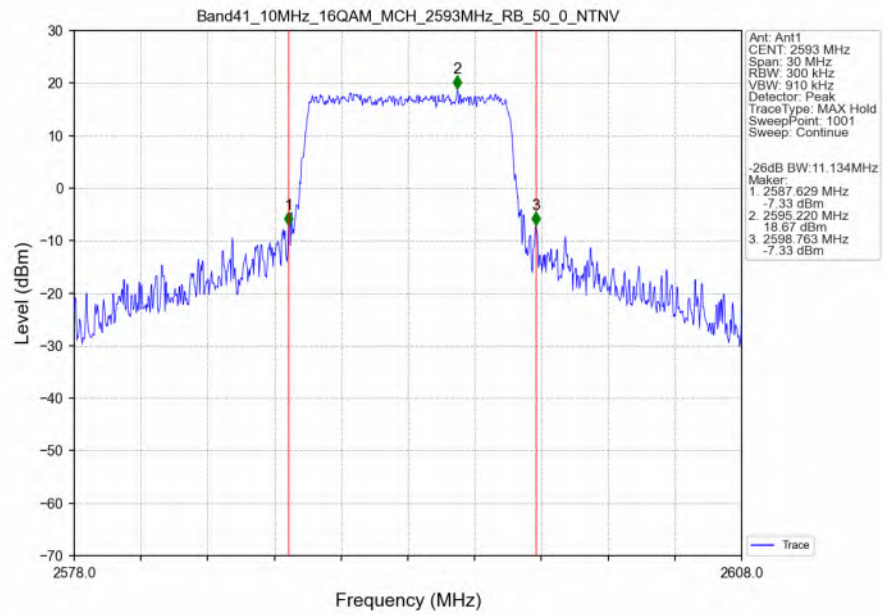
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTN



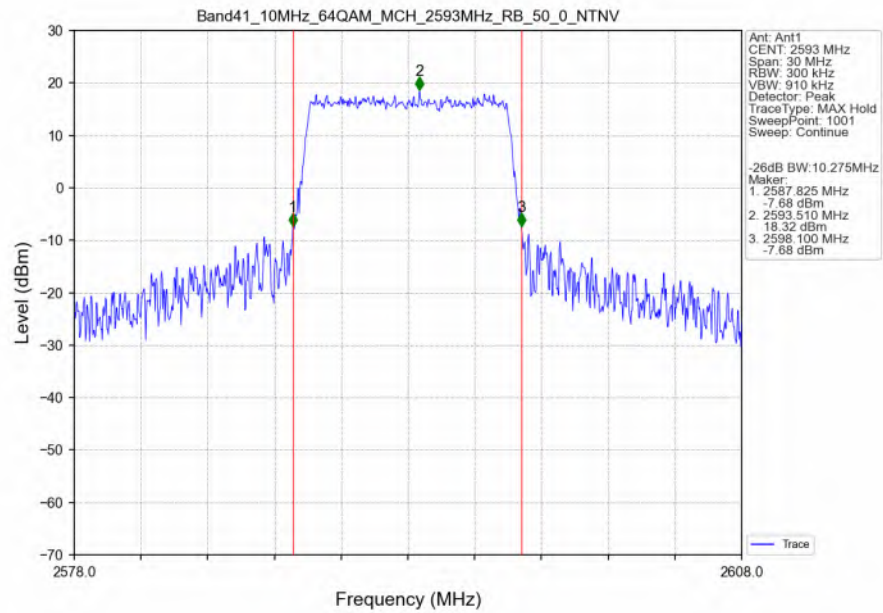
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTN



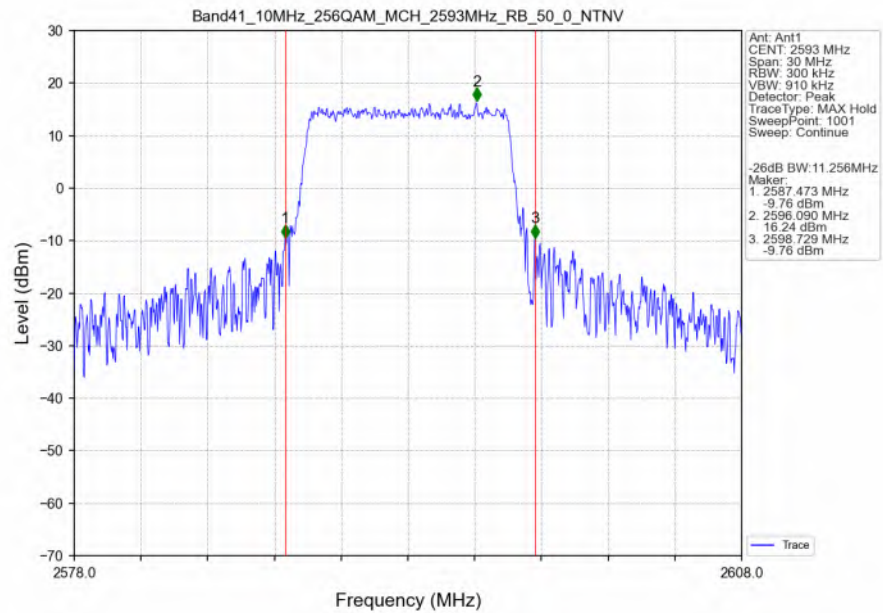
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTN



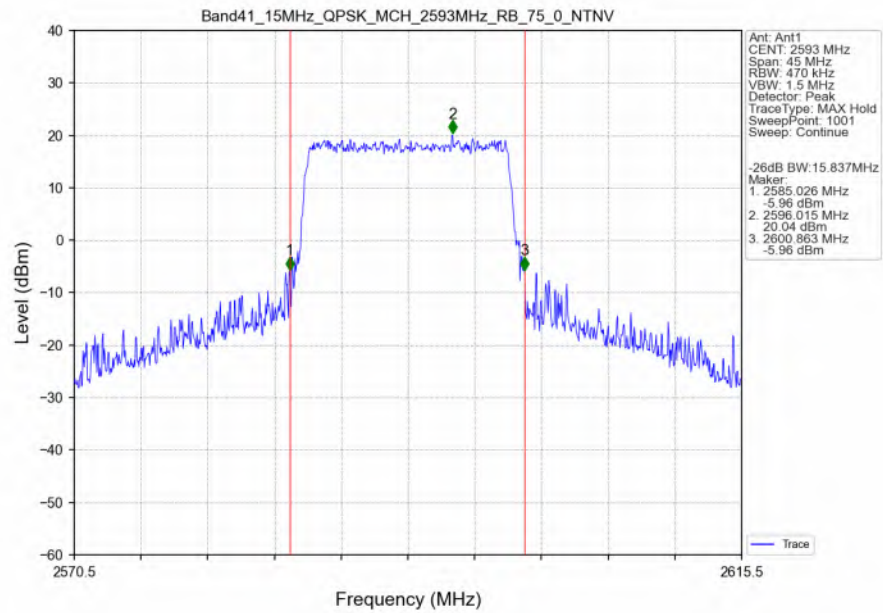
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTV



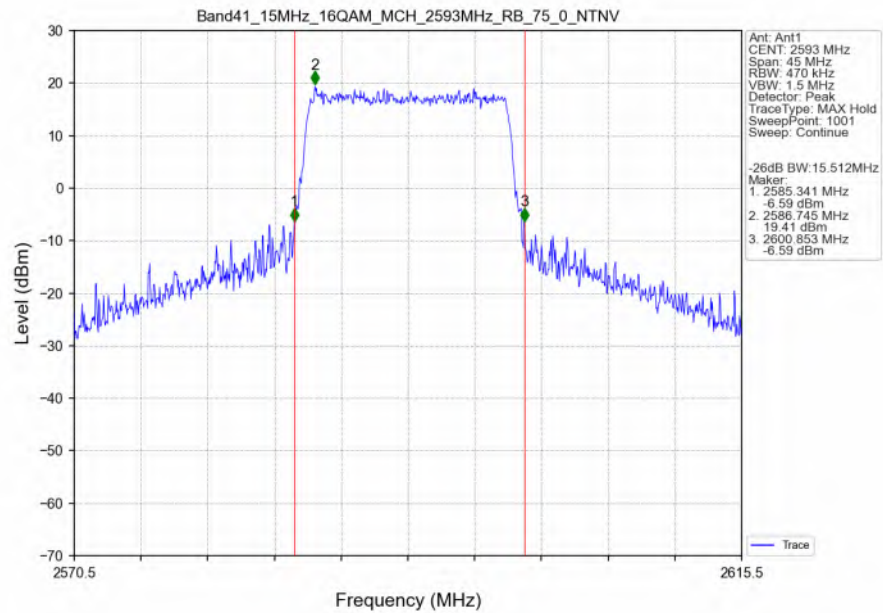
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTV



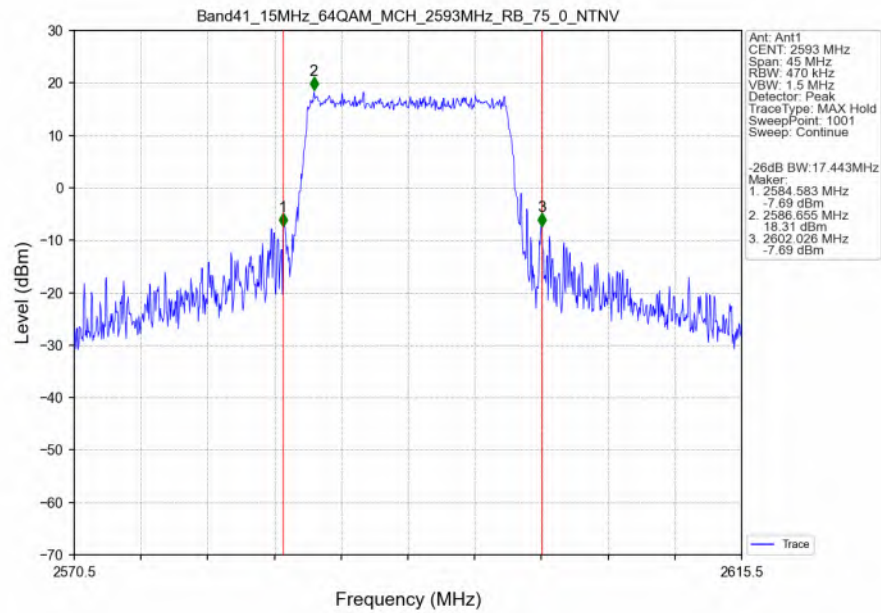
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTN



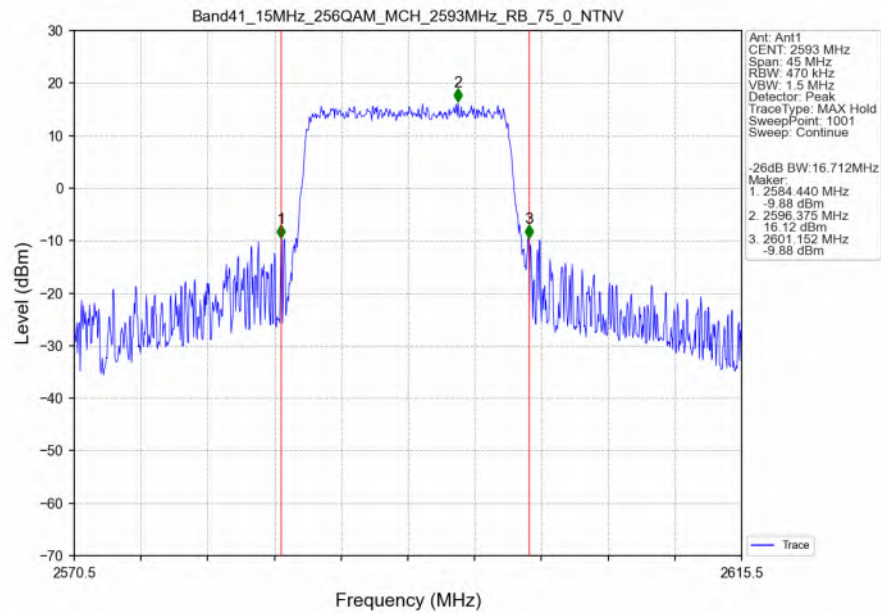
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTN



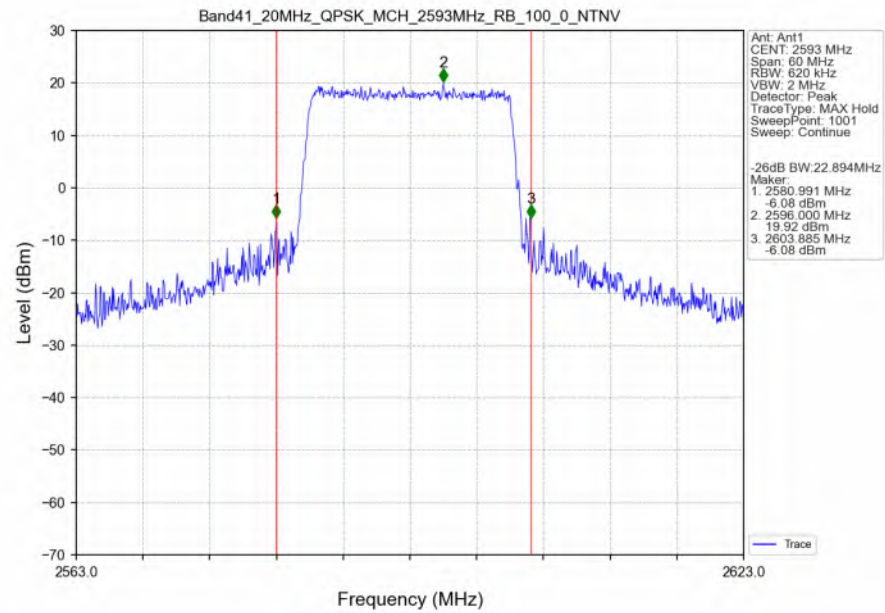
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



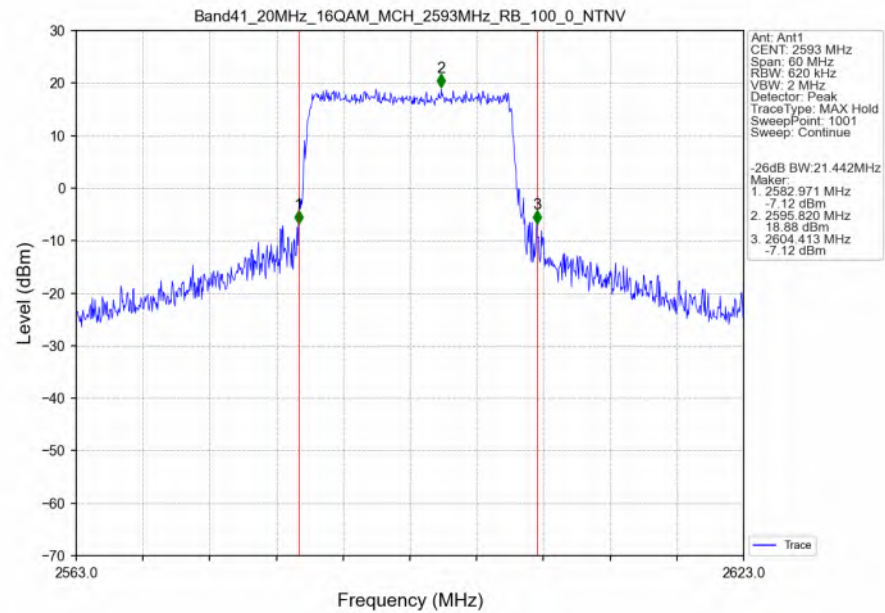
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



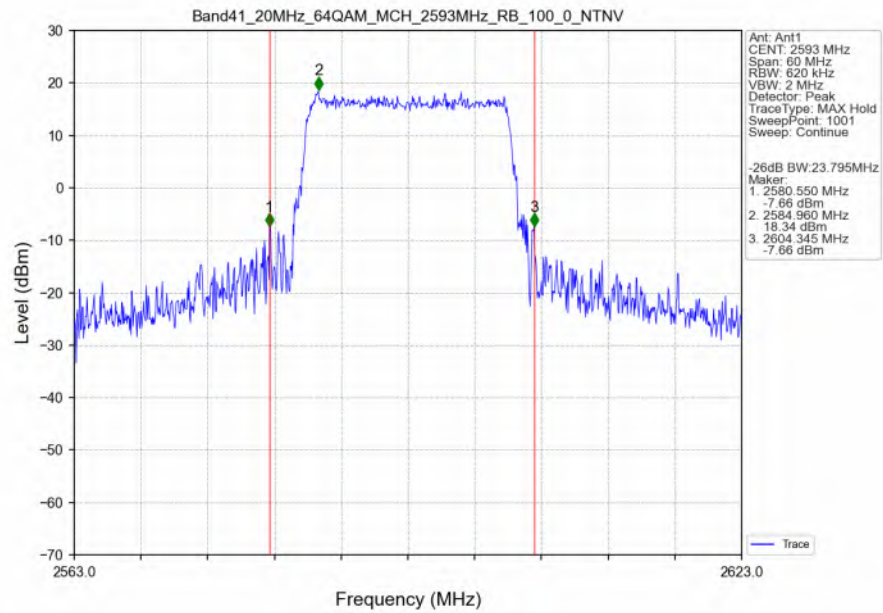
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



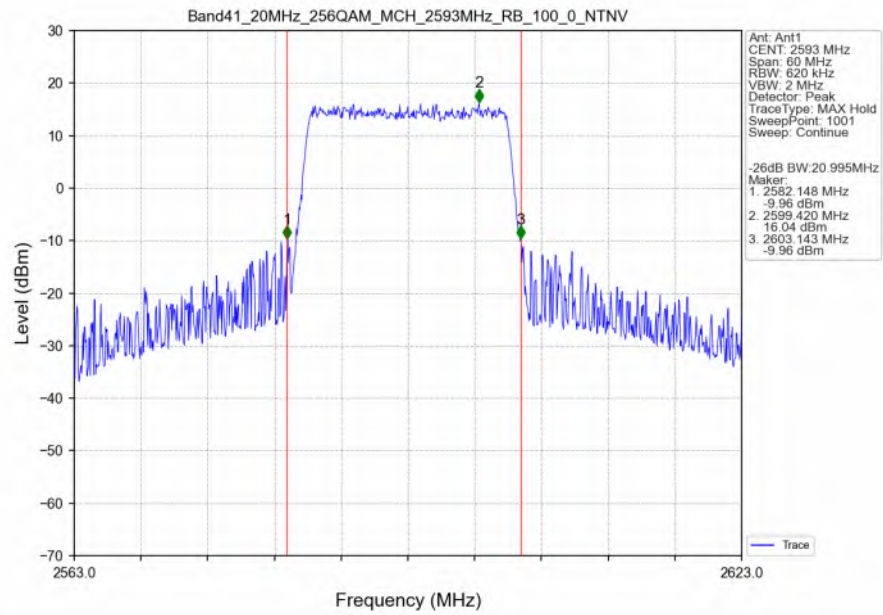
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTV



4. Peak-Average Ratio

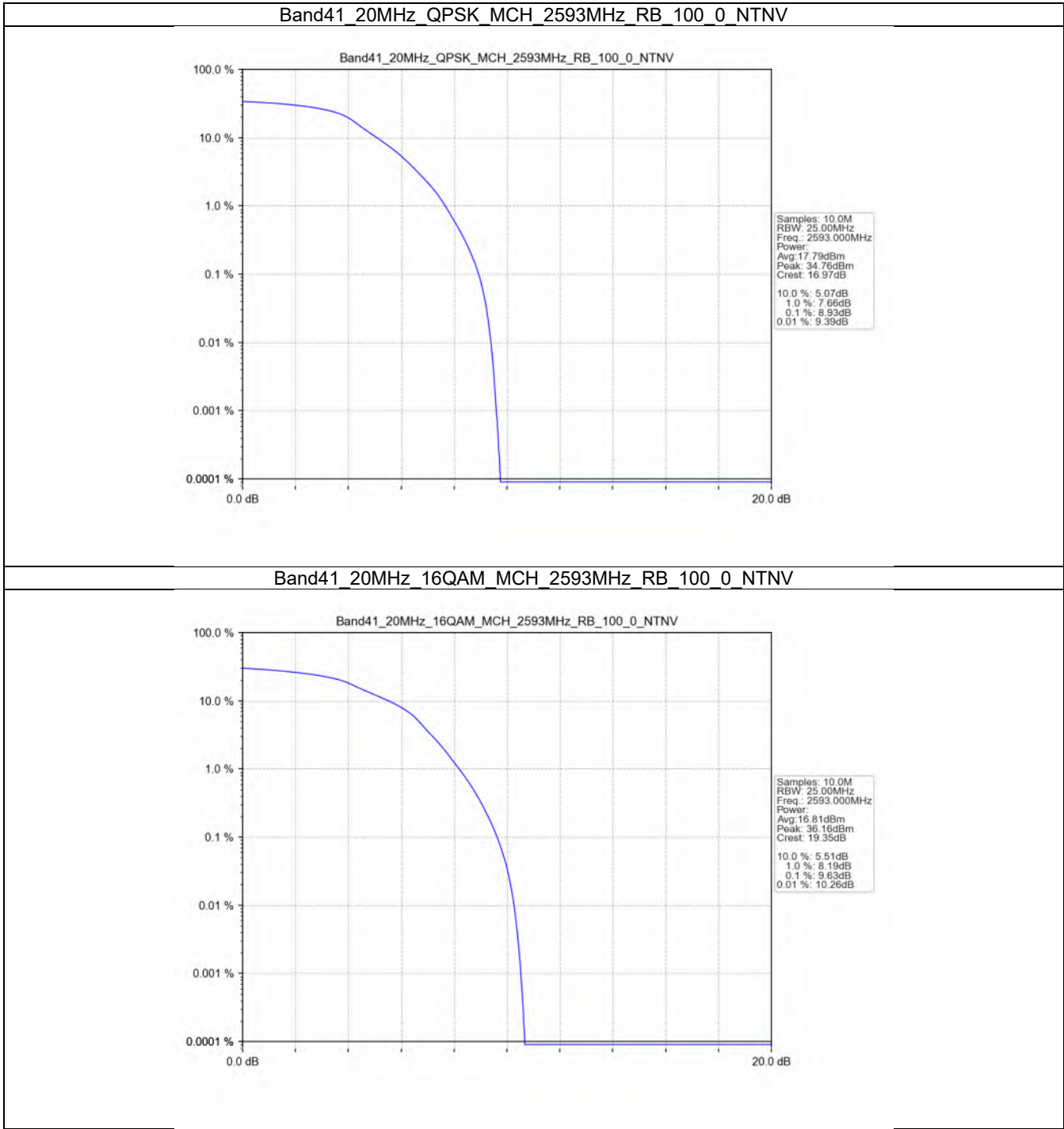
4.1 Test Result

4.1.1 B41_20MHz

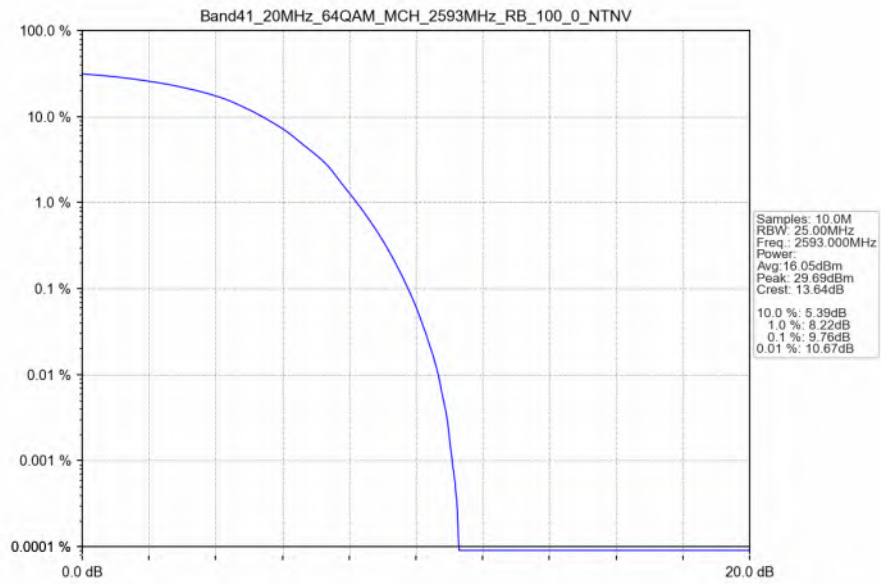
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	8.93	<=13	Pass
16QAM	2593	100	0	9.63	<=13	Pass
64QAM	2593	100	0	9.76	<=13	Pass
256QAM	2593	100	0	10.23	<=13	Pass

4.2 Test Graph

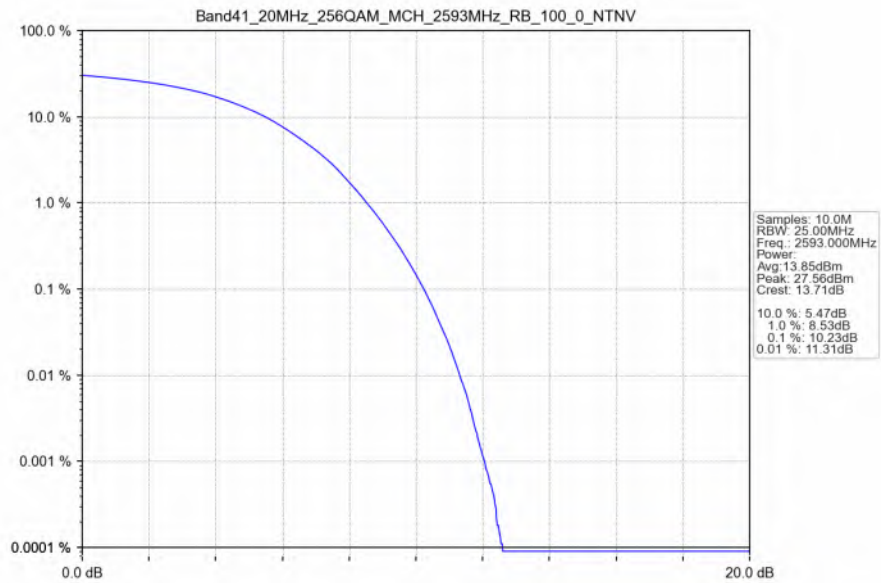
4.2.1 B41_20MHz



Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTN



Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
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

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTVN						
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

5.1.3 B41_15MHz

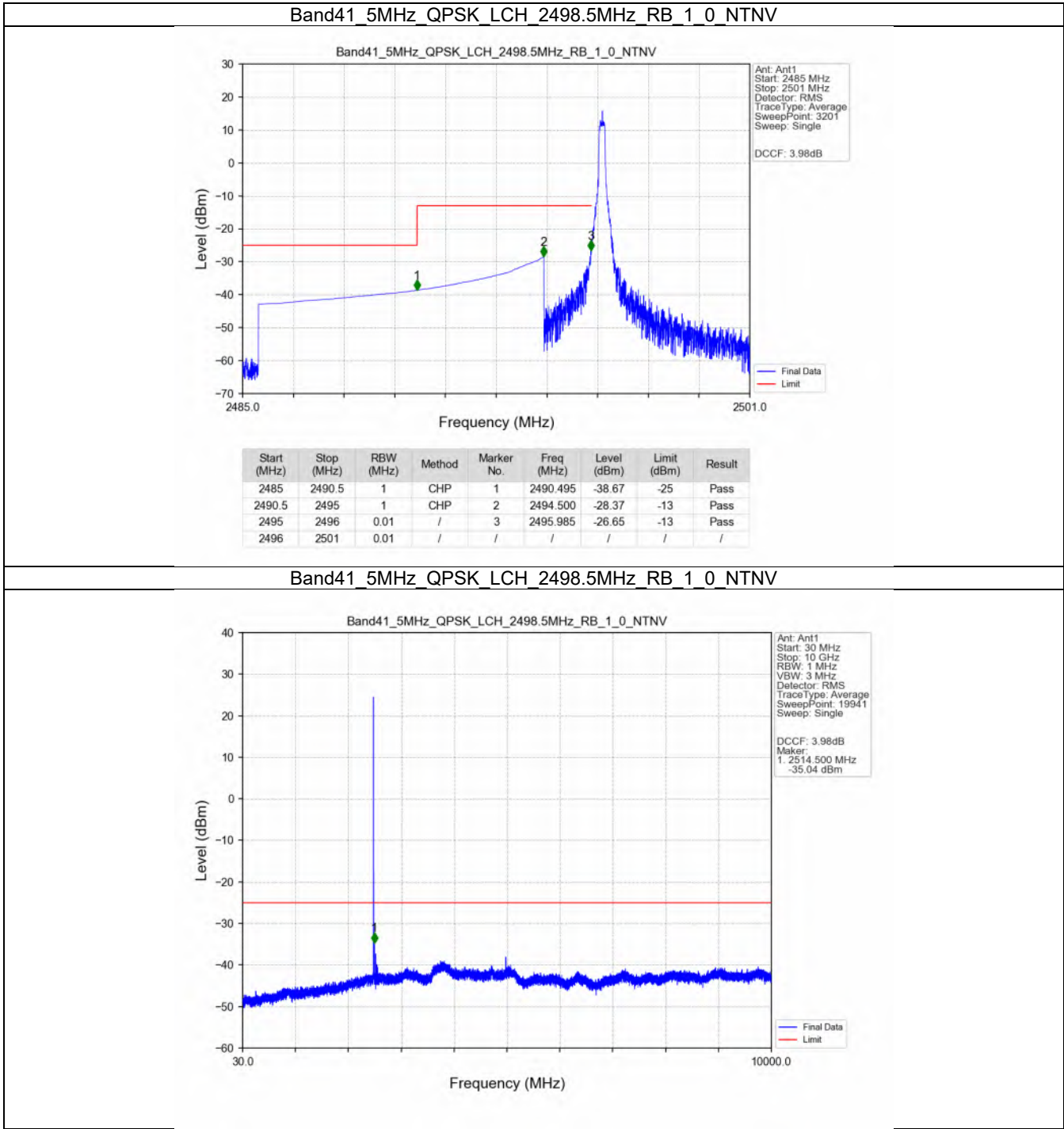
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

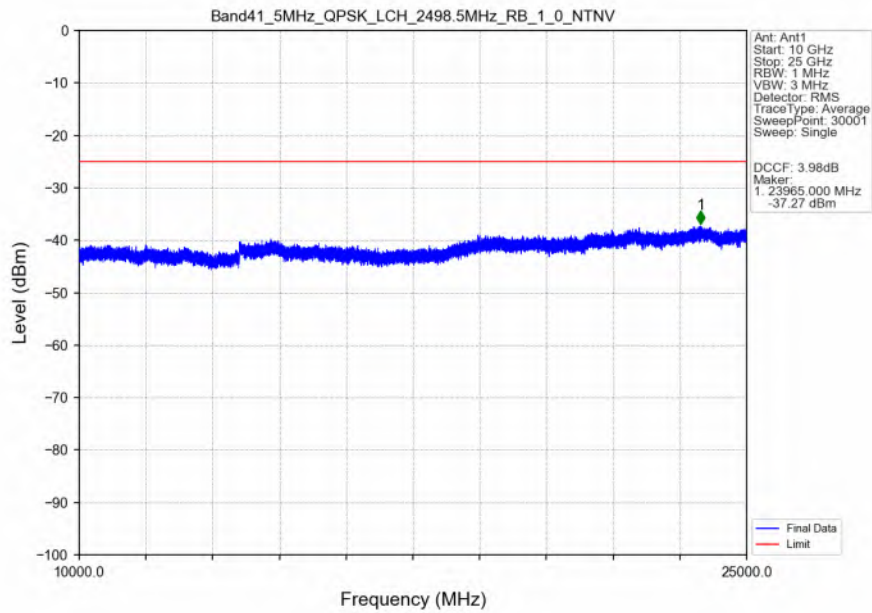
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

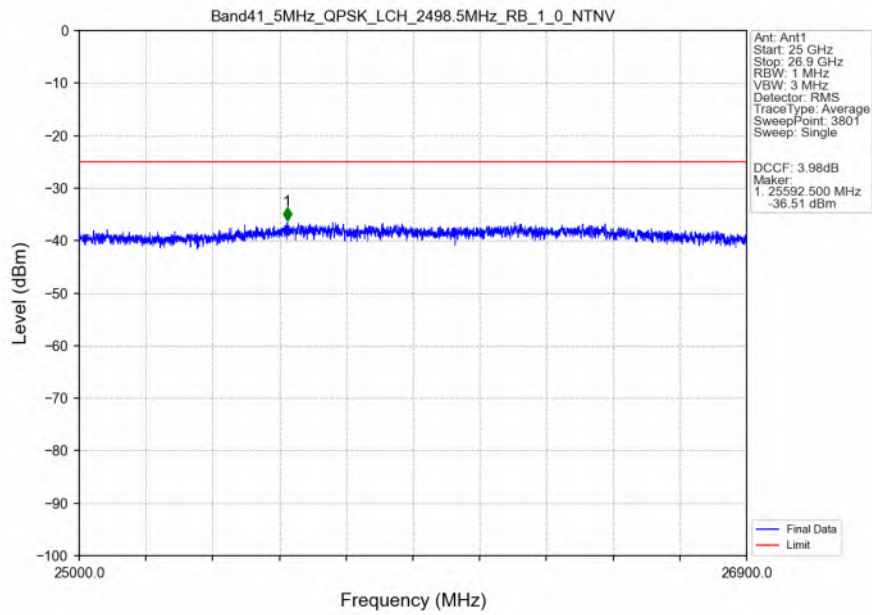
5.2.1 B41_5MHz



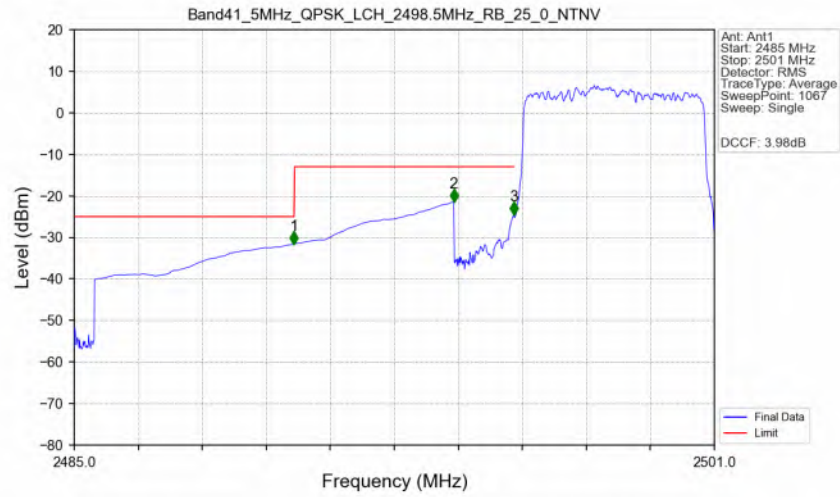
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTV



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTV

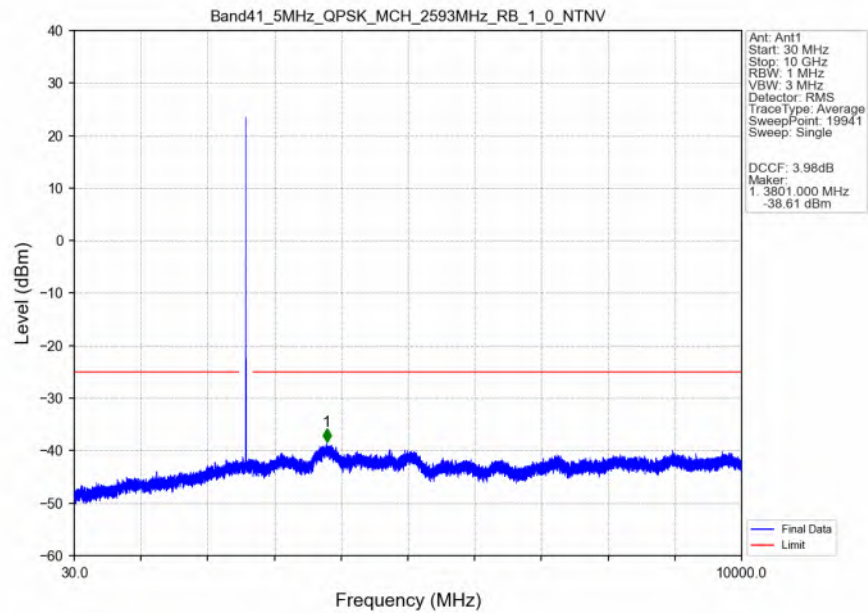


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

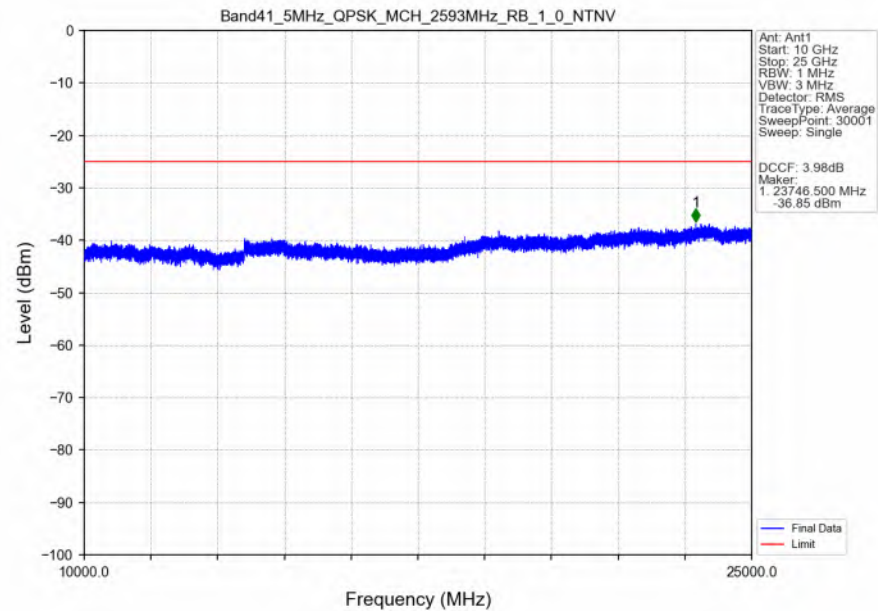


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-31.60	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-21.41	-13	Pass
2495	2496	0.055	CHP	3	2495.987	-24.50	-13	Pass
2496	2501	0.055	CHP	/	/	/	/	/

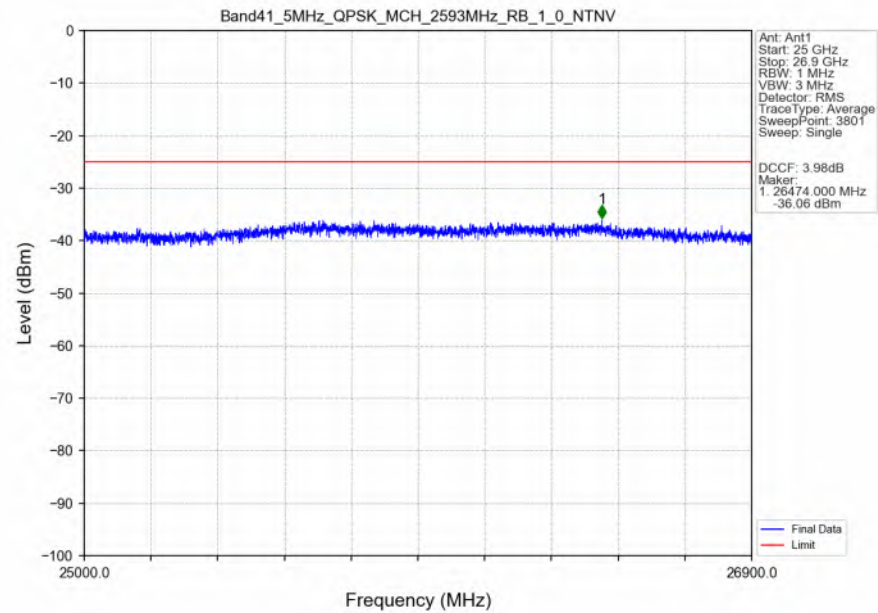
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



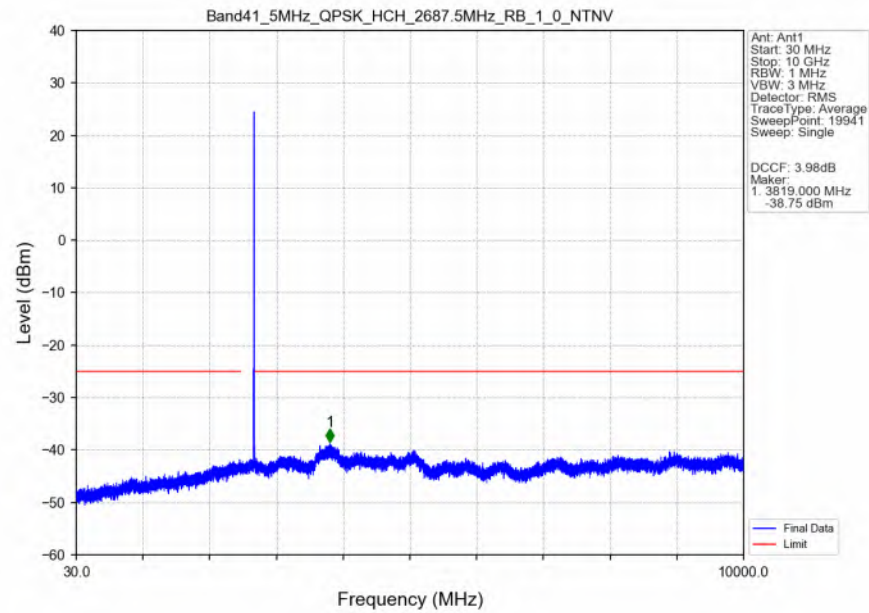
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



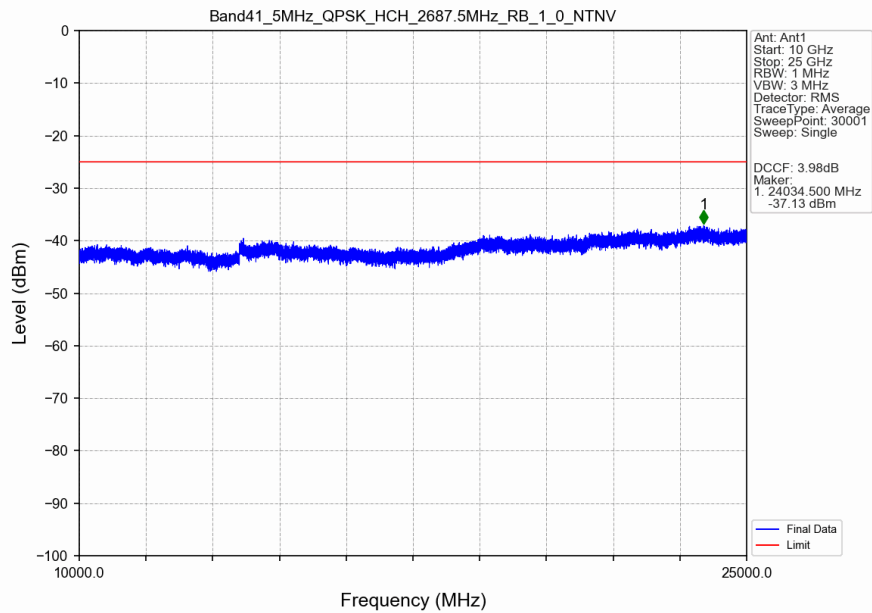
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



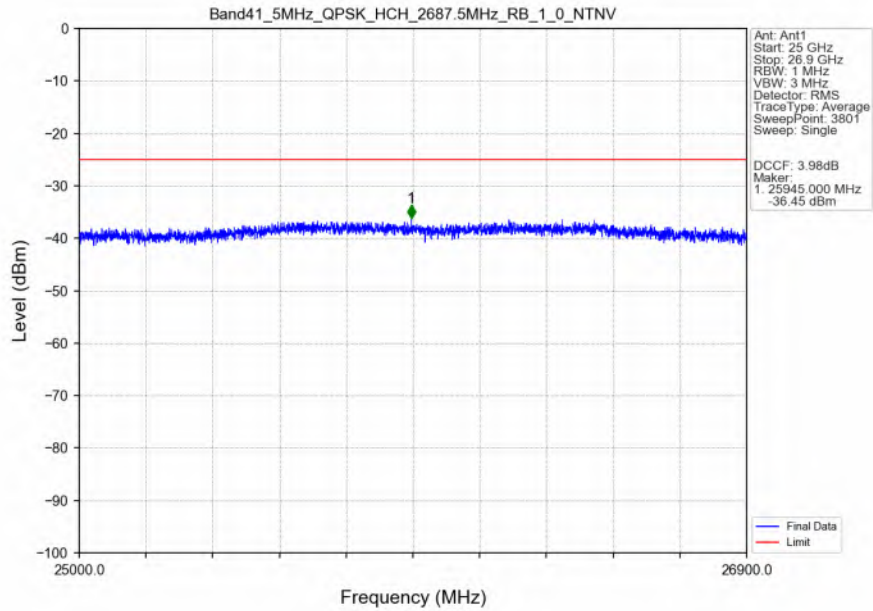
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



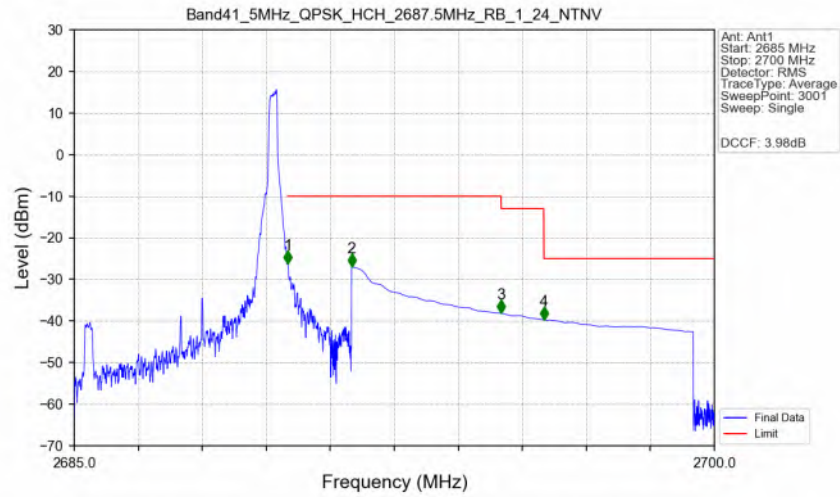
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

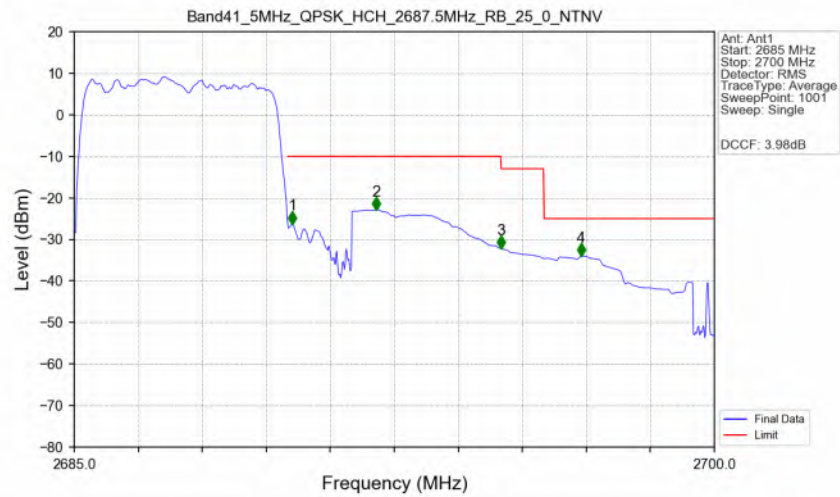


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



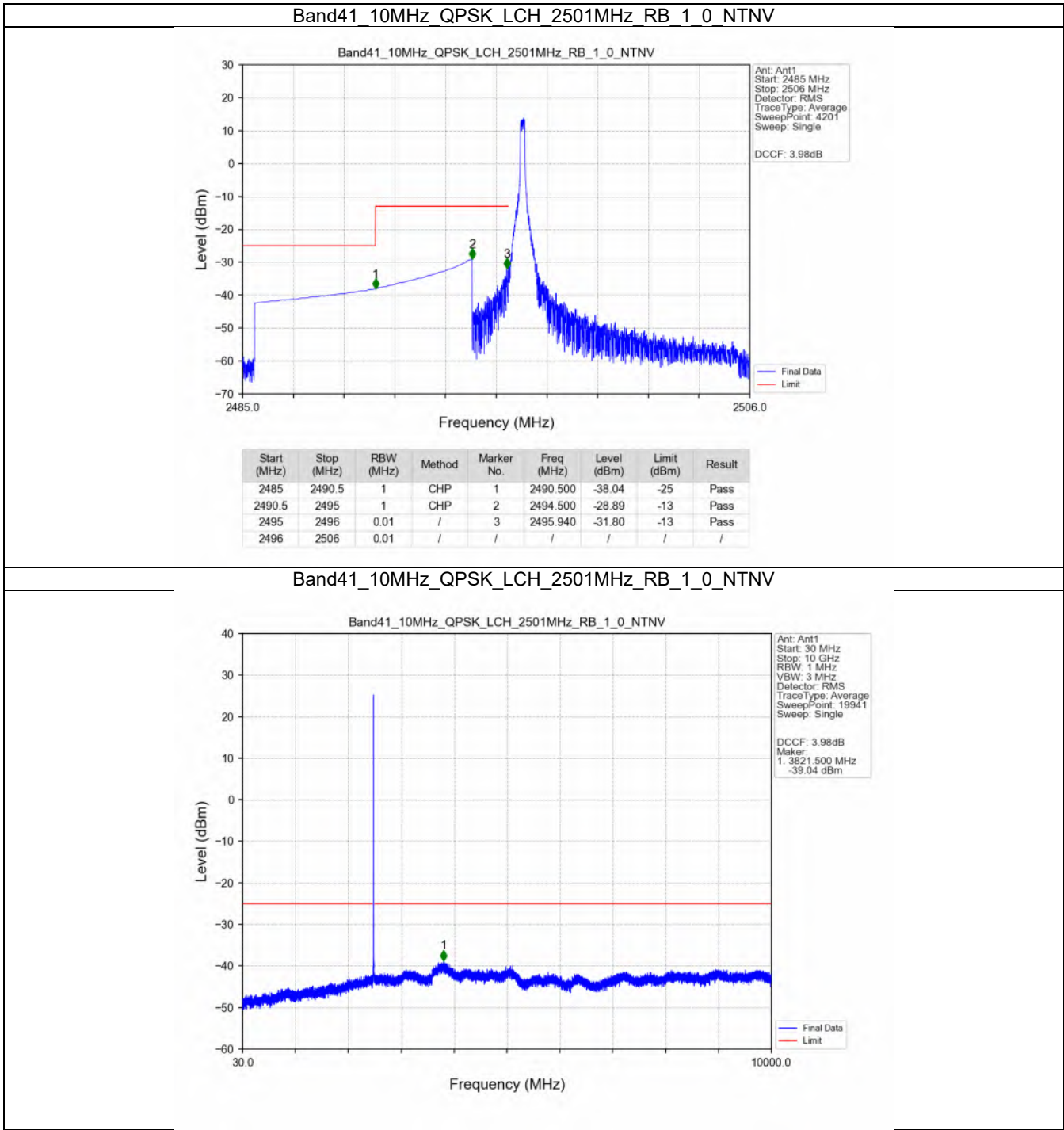
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-26.20	-10	Pass
2691	2695	1	CHP	2	2691.500	-26.88	-10	Pass
2695	2696	1	CHP	3	2695.005	-38.14	-13	Pass
2696	2700	1	CHP	4	2696.005	-39.76	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTN

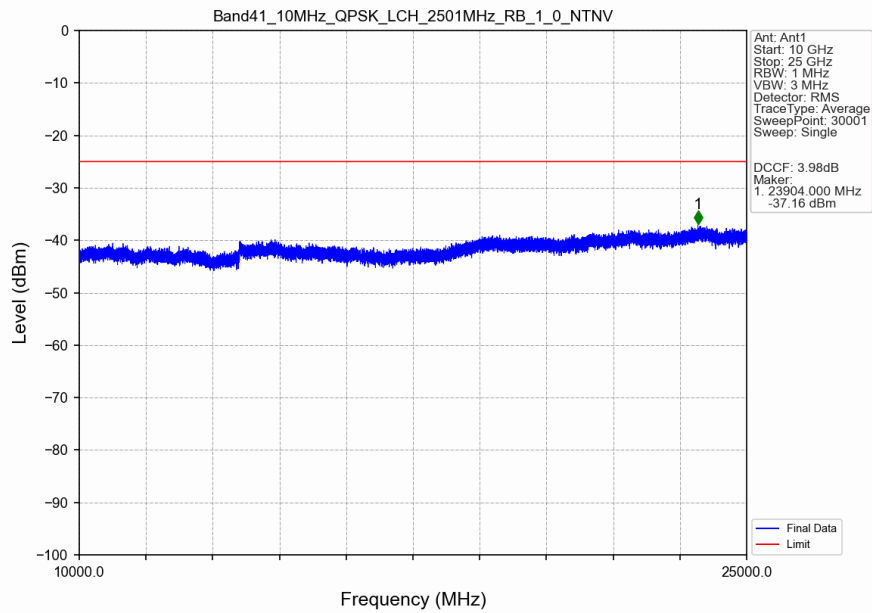


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.121	CHP	/	/	/	/	/
2690	2691	0.121	CHP	1	2690.115	-26.30	-10	Pass
2691	2695	1	CHP	2	2692.080	-22.89	-10	Pass
2695	2696	1	CHP	3	2695.005	-32.28	-13	Pass
2696	2700	1	CHP	4	2696.880	-34.05	-25	Pass

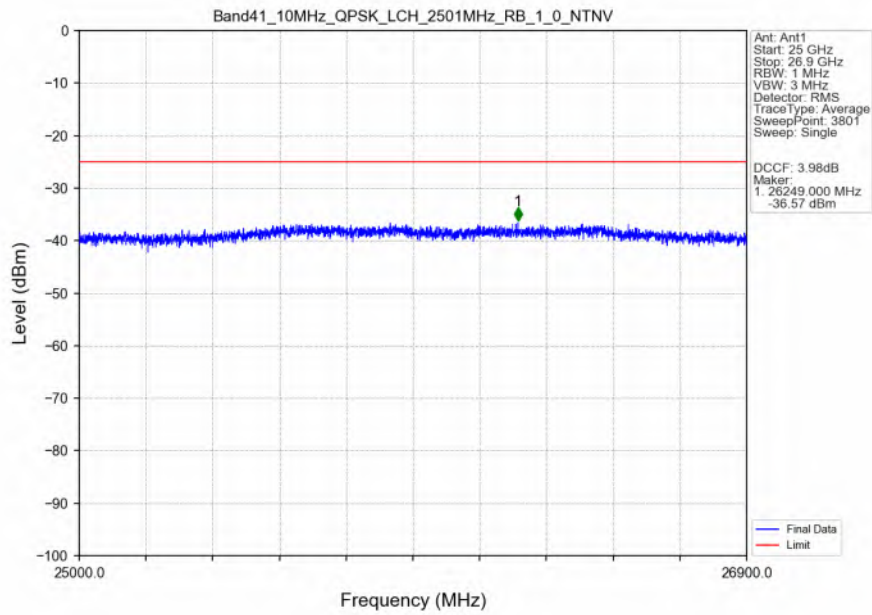
5.2.2 B41_10MHz



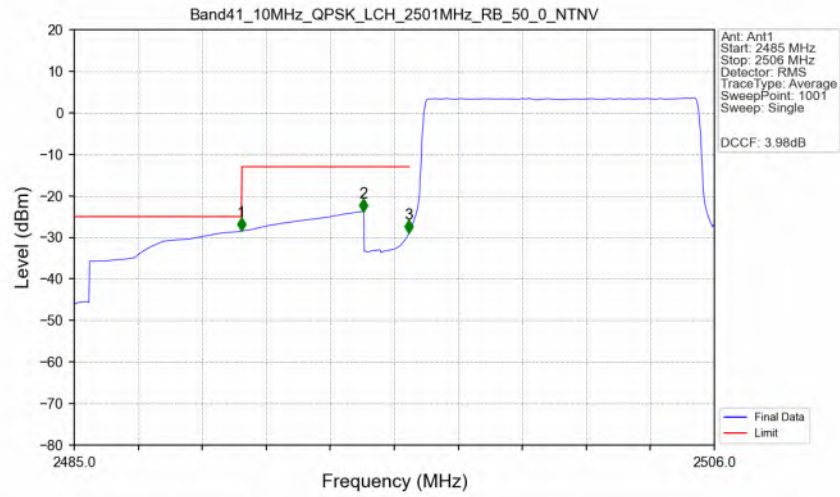
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN

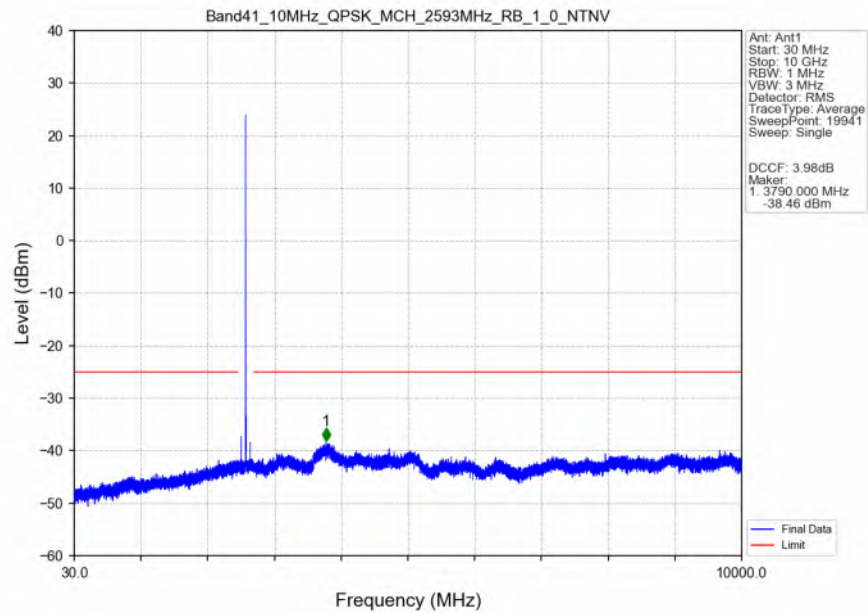


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTV

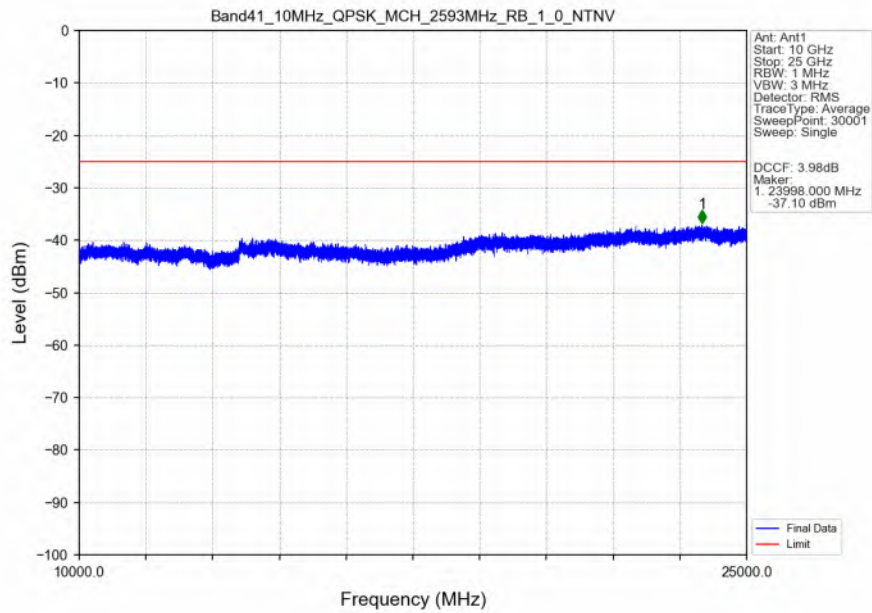


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-28.48	-25	Pass
2490.5	2495	1	CHP	2	2494.492	-23.78	-13	Pass
2495	2496	0.103	CHP	3	2495.983	-28.91	-13	Pass
2496	2506	0.103	CHP	/	/	/	/	/

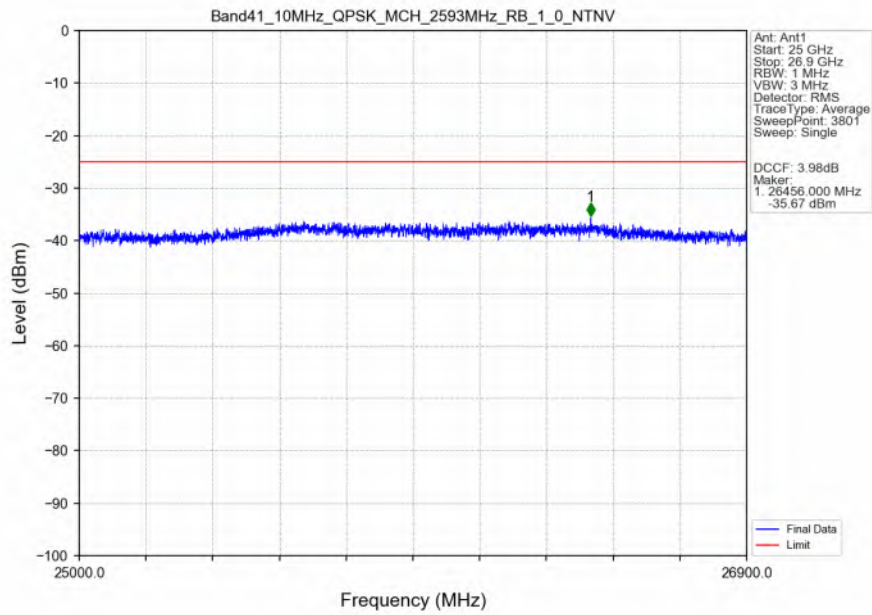
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTV



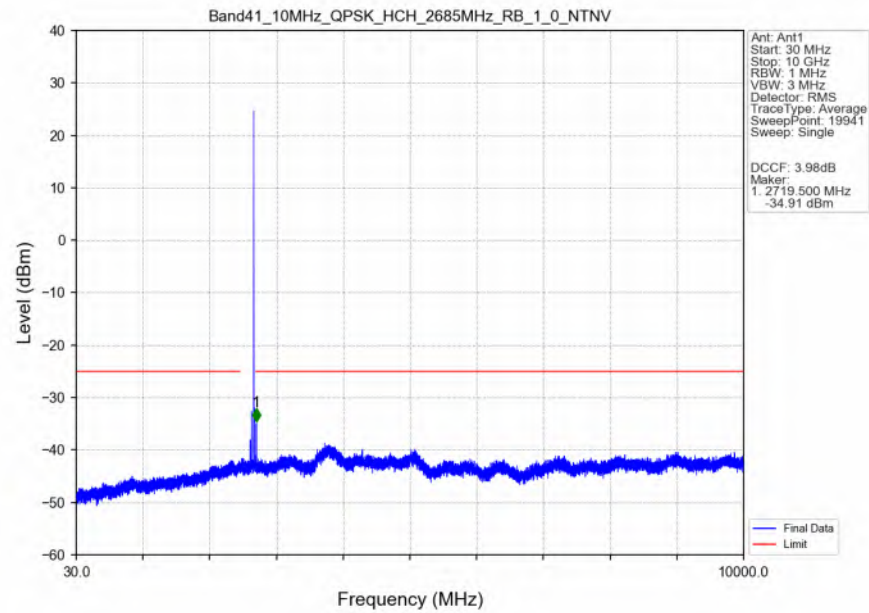
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



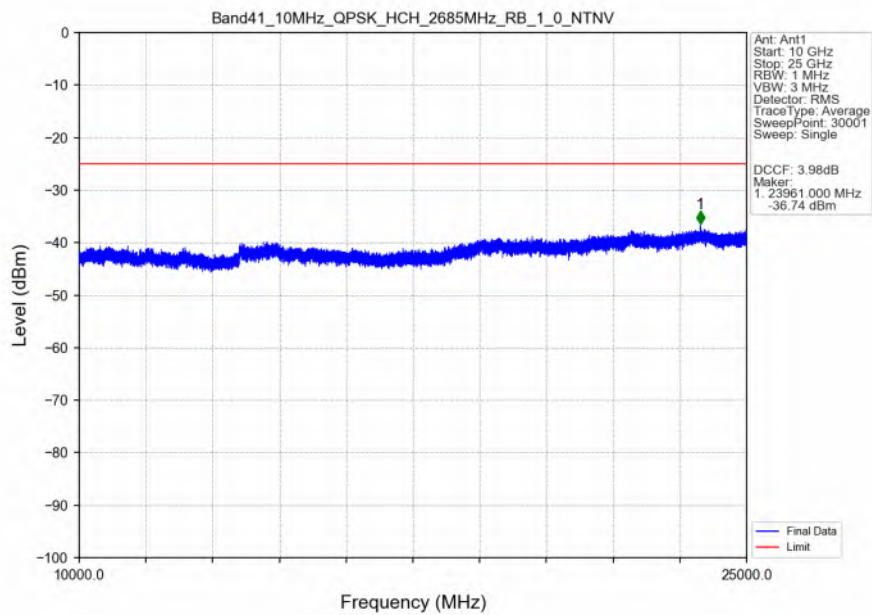
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



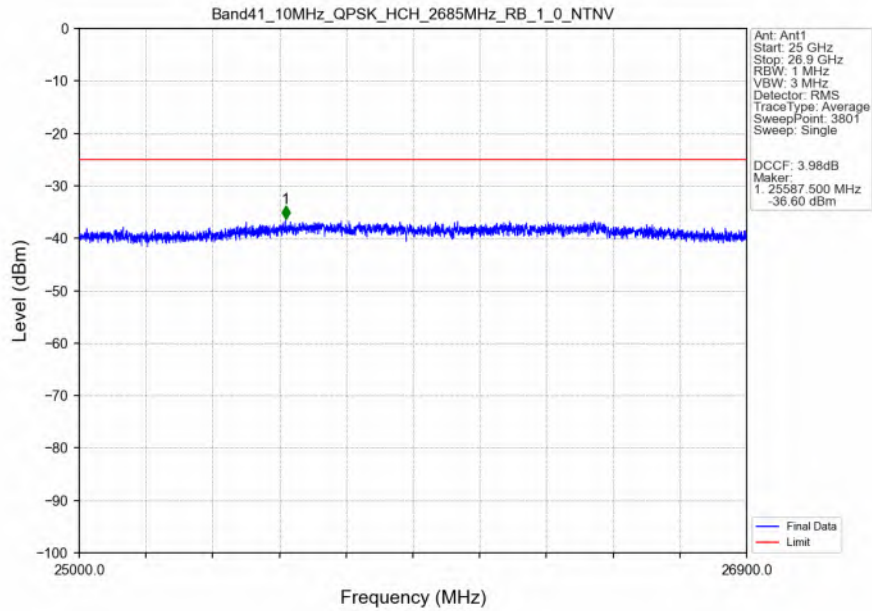
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



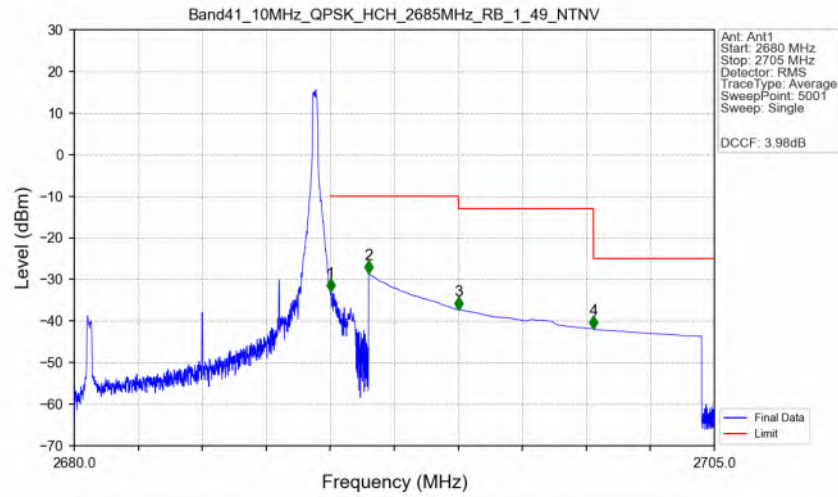
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTN



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV

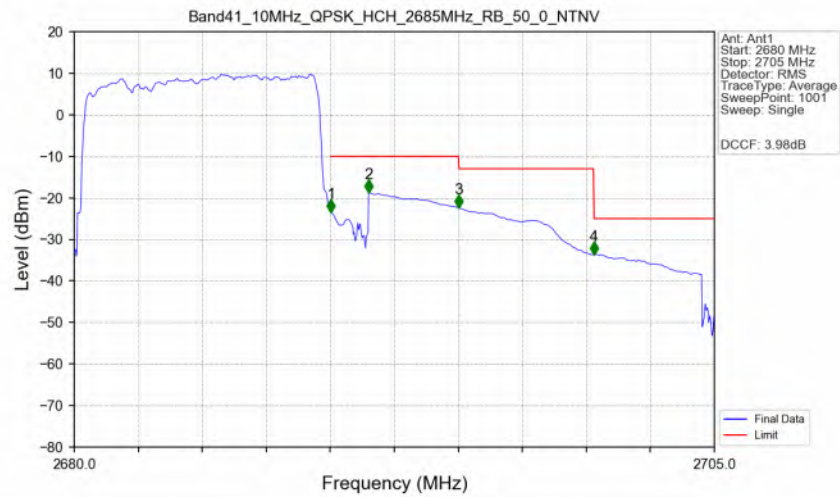


Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTNV



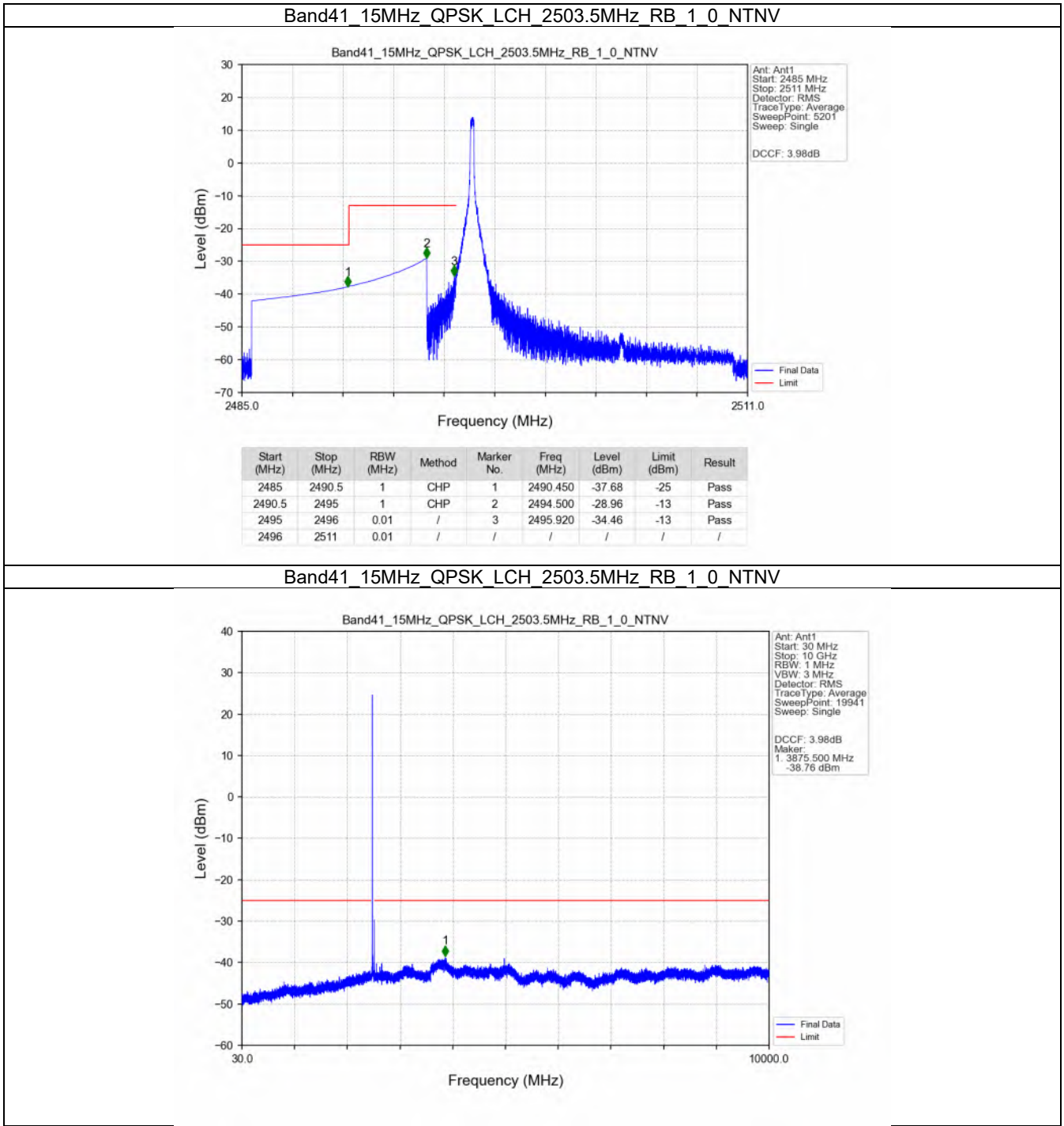
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.010	-32.96	-10	Pass
2691	2695	1	CHP	2	2691.500	-28.54	-10	Pass
2695	2700.275	1	CHP	3	2695.025	-37.28	-13	Pass
2700.275	2705	1	CHP	4	2700.280	-41.88	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

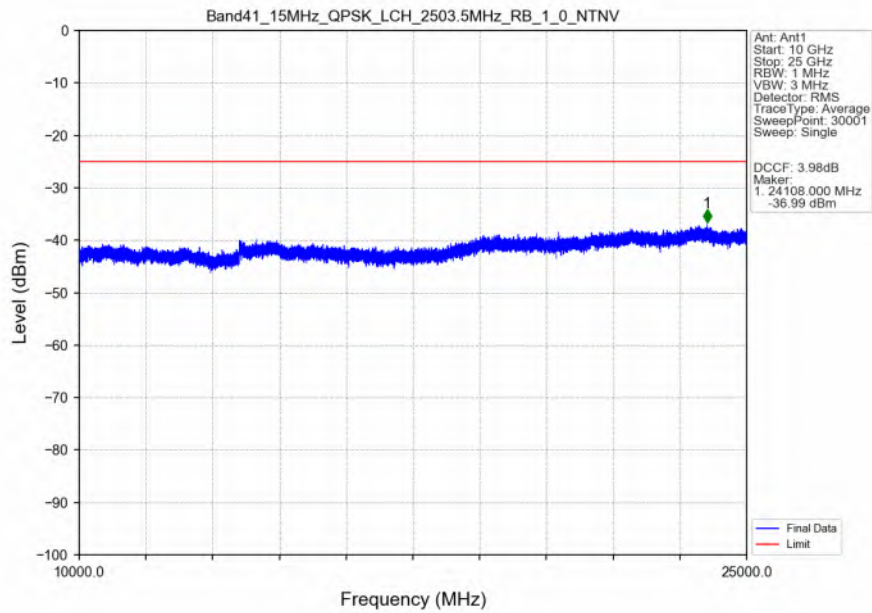


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.205	CHP	/	/	/	/	/
2690	2691	0.205	CHP	1	2690.025	-23.40	-10	Pass
2691	2695	1	CHP	2	2691.500	-18.79	-10	Pass
2695	2700.275	1	CHP	3	2695.025	-22.45	-13	Pass
2700.275	2705	1	CHP	4	2700.300	-33.62	-25	Pass

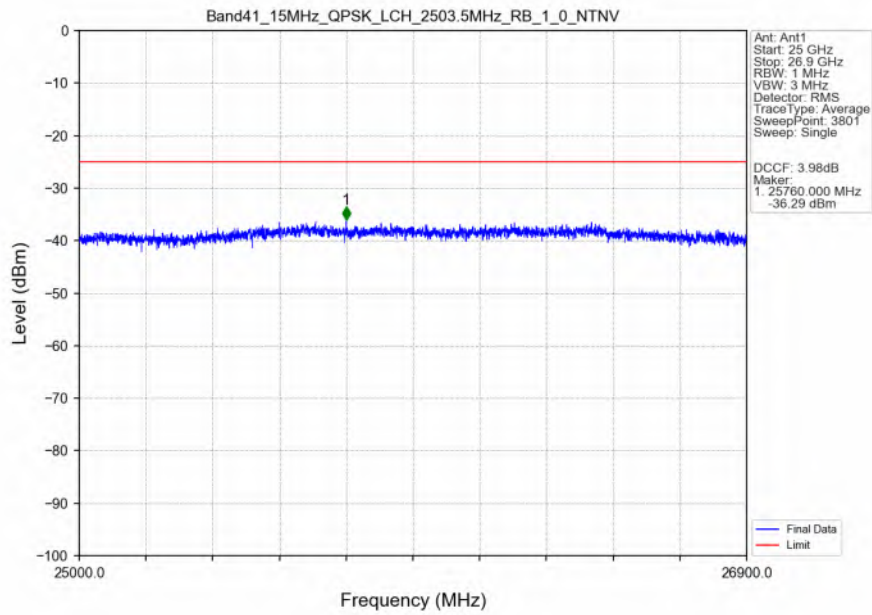
5.2.3 B41_15MHz



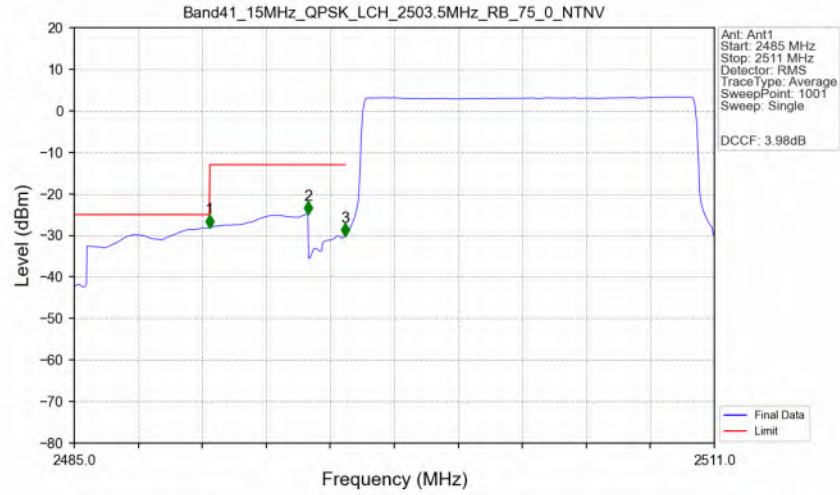
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV

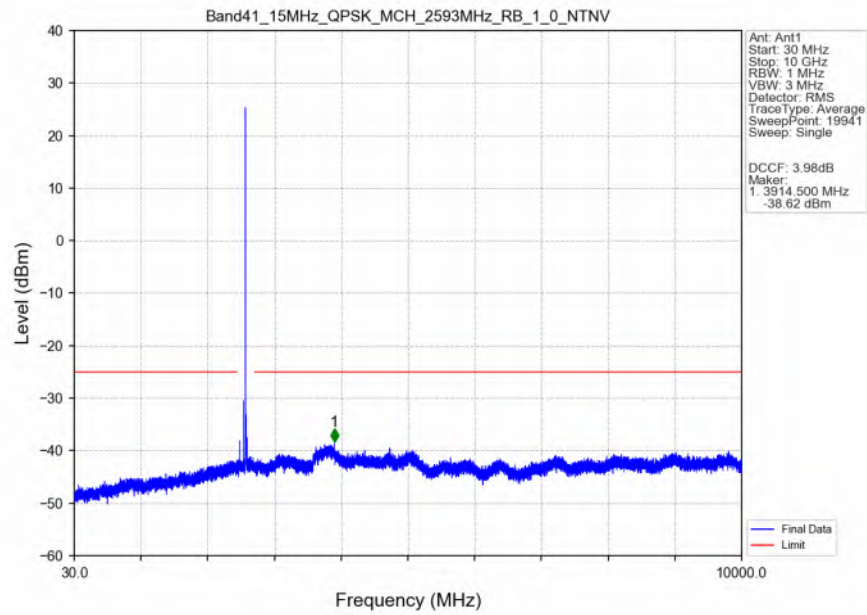


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

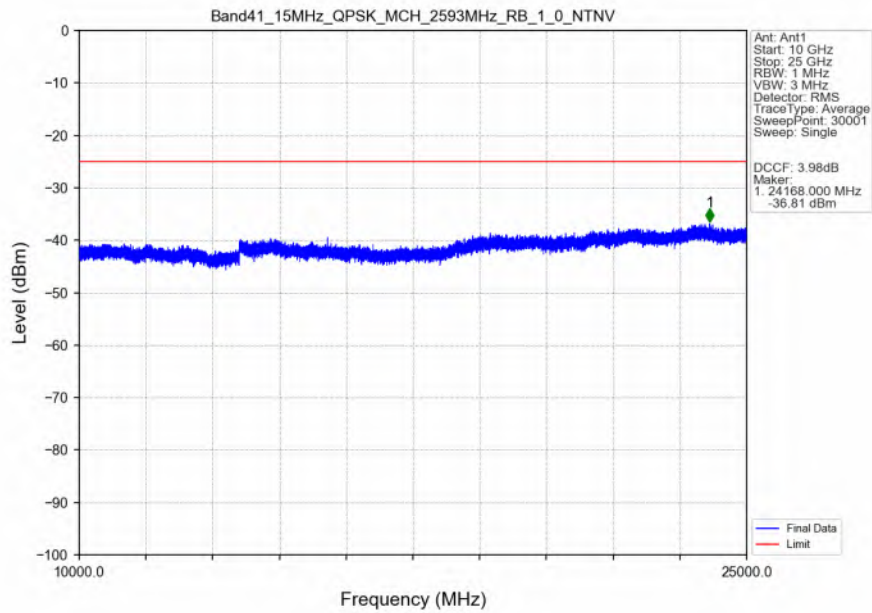


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-28.12	-25	Pass
2490.5	2495	1	CHP	2	2494.490	-24.87	-13	Pass
2495	2496	0.155	CHP	3	2495.998	-30.14	-13	Pass
2496	2511	0.155	CHP	/	/	/	/	/

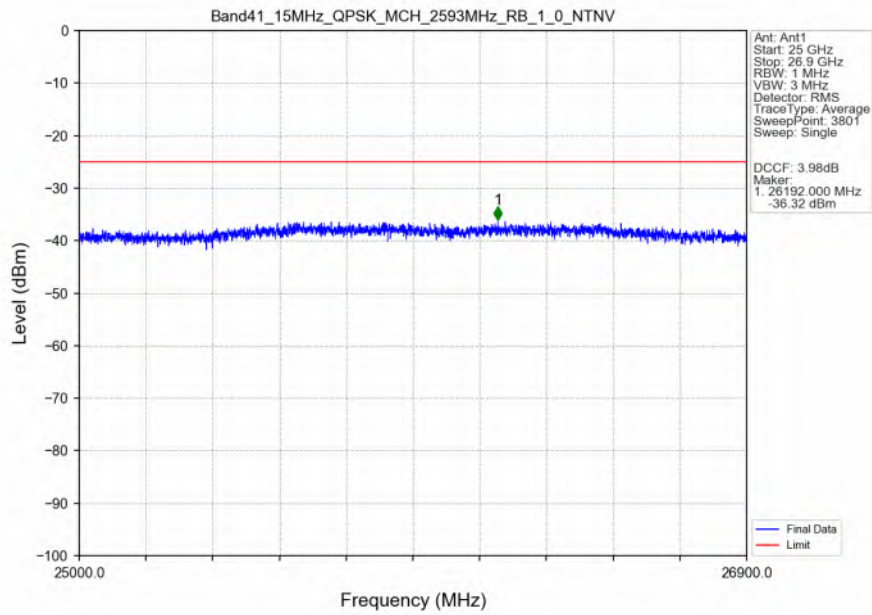
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



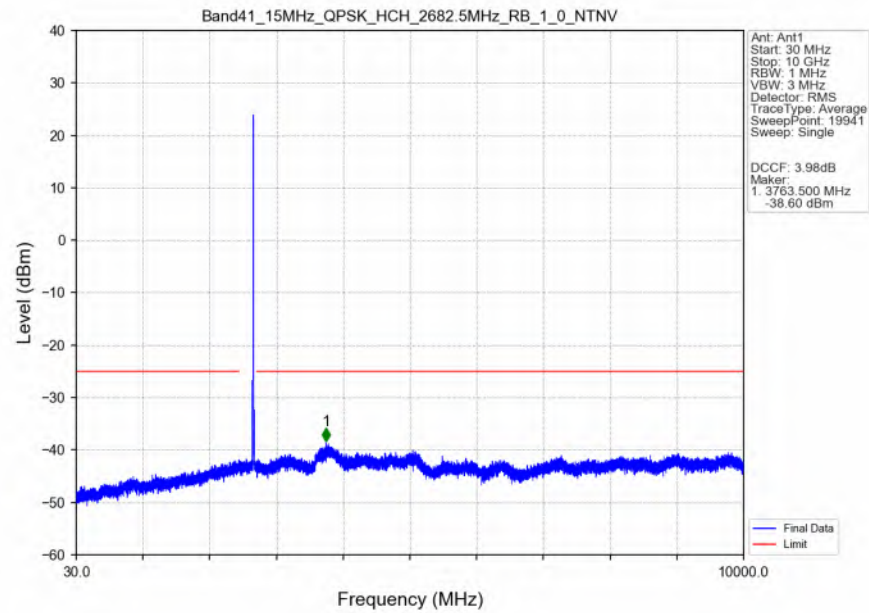
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTV



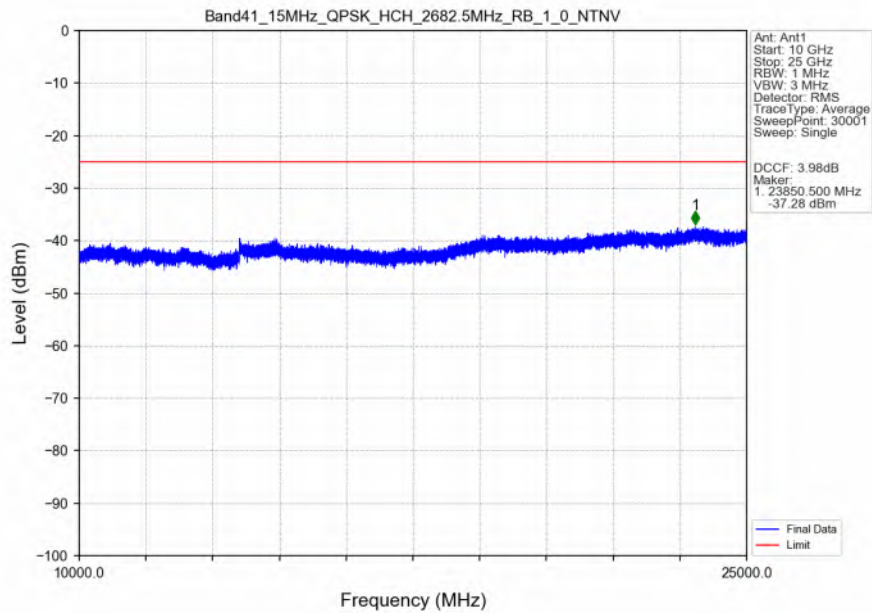
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTV



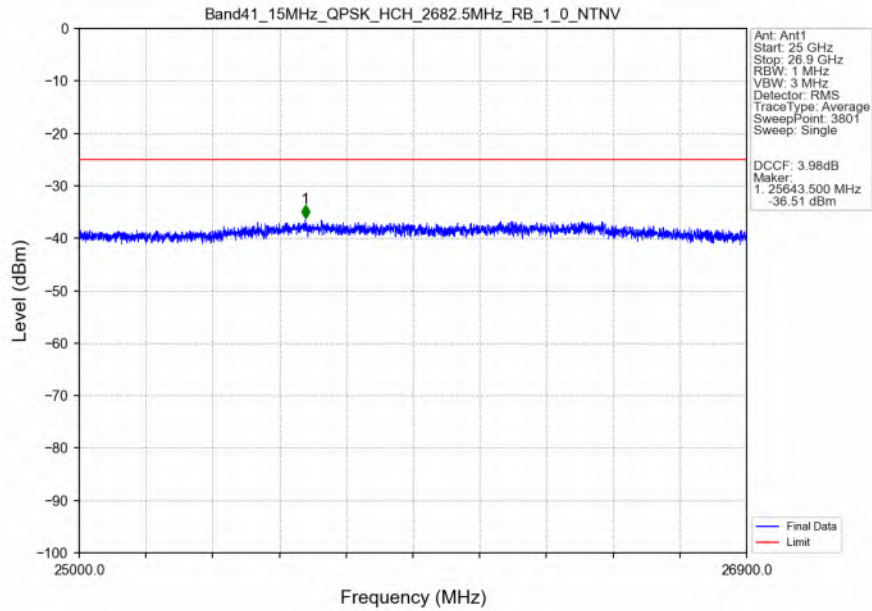
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



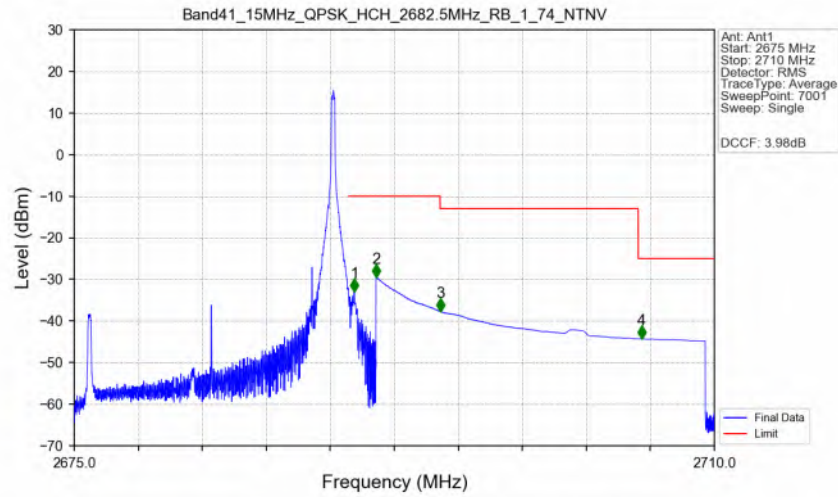
Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

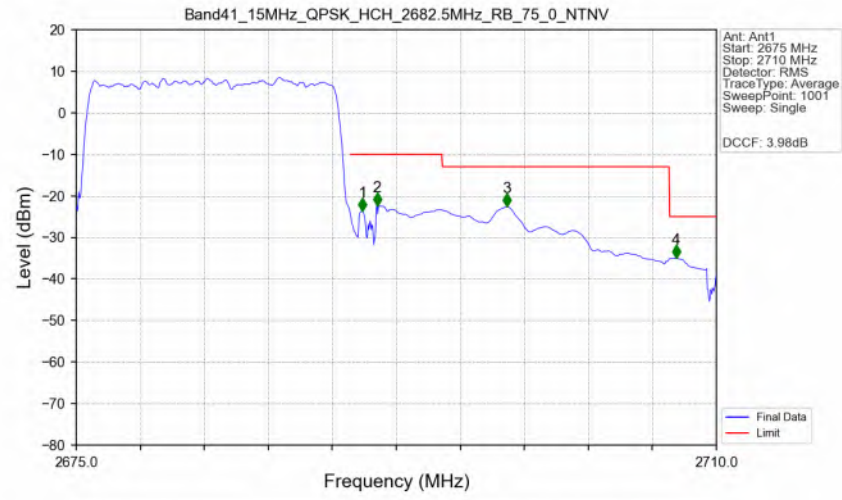


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



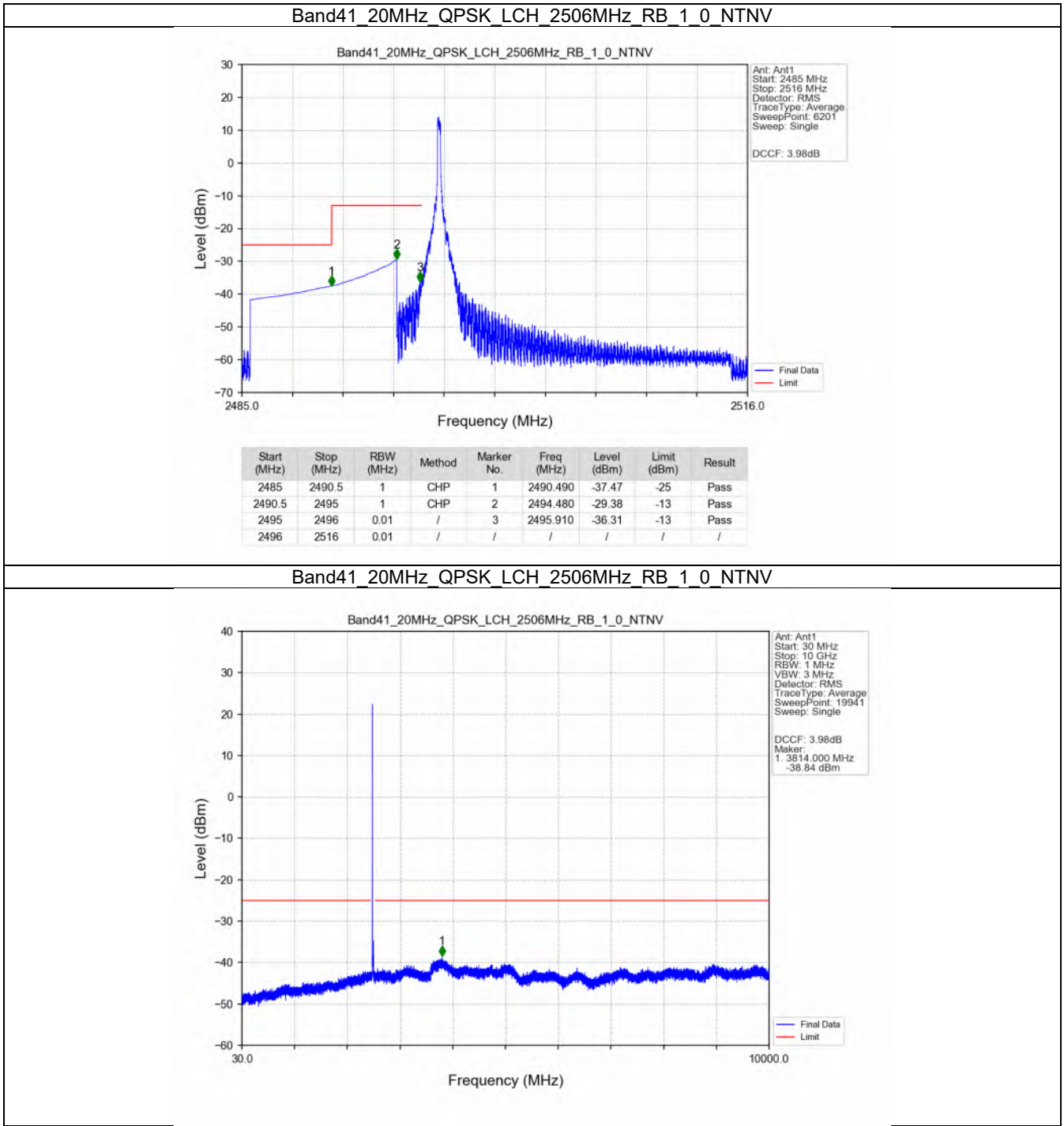
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.310	-33.04	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.43	-10	Pass
2695	2705.837	1	CHP	3	2695.005	-37.74	-13	Pass
2705.837	2710	1	CHP	4	2706.015	-44.26	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN

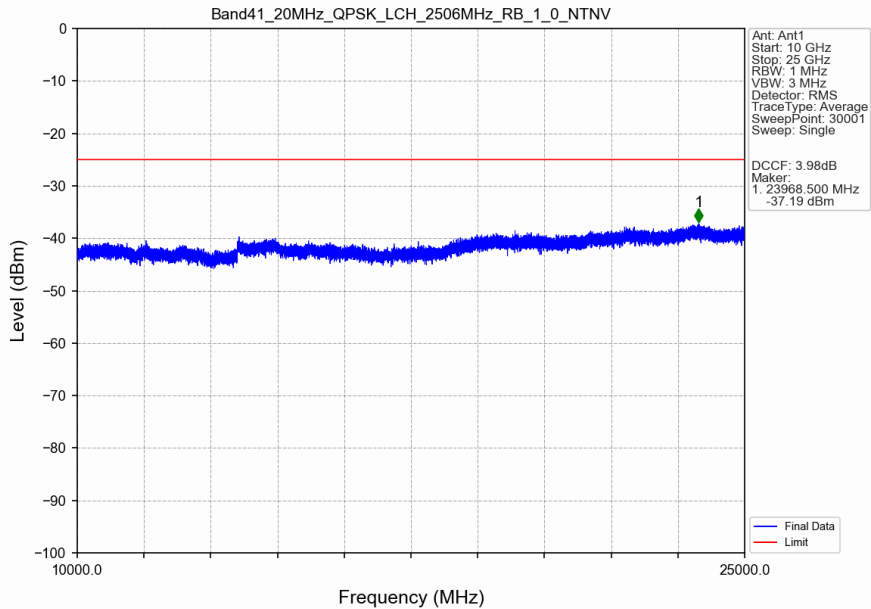


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.317	CHP	/	/	/	/	/
2690	2691	0.317	CHP	1	2690.645	-23.65	-10	Pass
2691	2695	1	CHP	2	2691.450	-22.42	-10	Pass
2695	2707.443	1	CHP	3	2698.520	-22.65	-13	Pass
2707.443	2710	1	CHP	4	2707.795	-35.02	-25	Pass

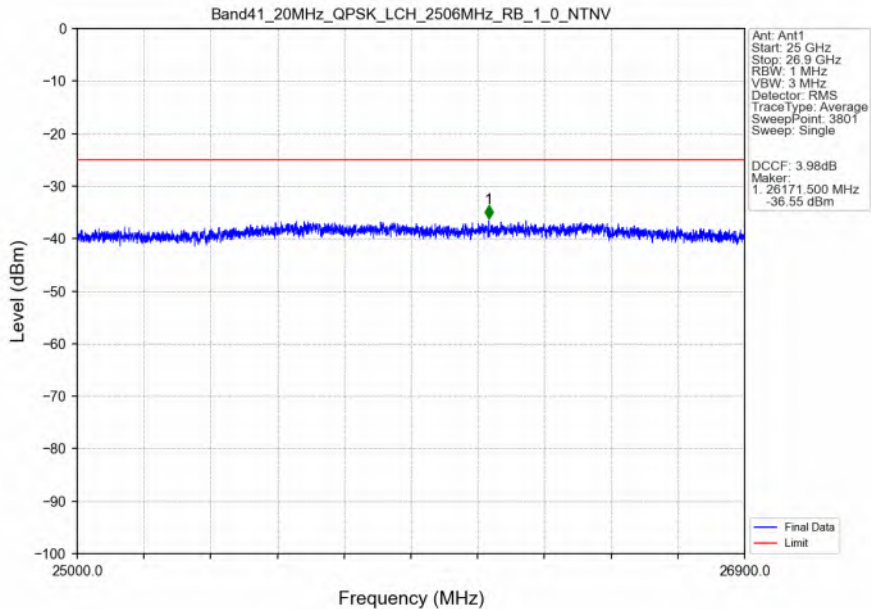
5.2.4 B41_20MHz



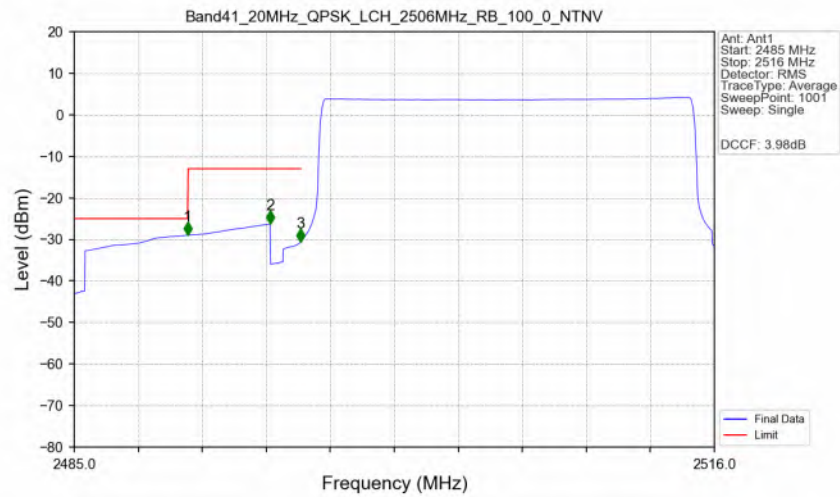
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTN

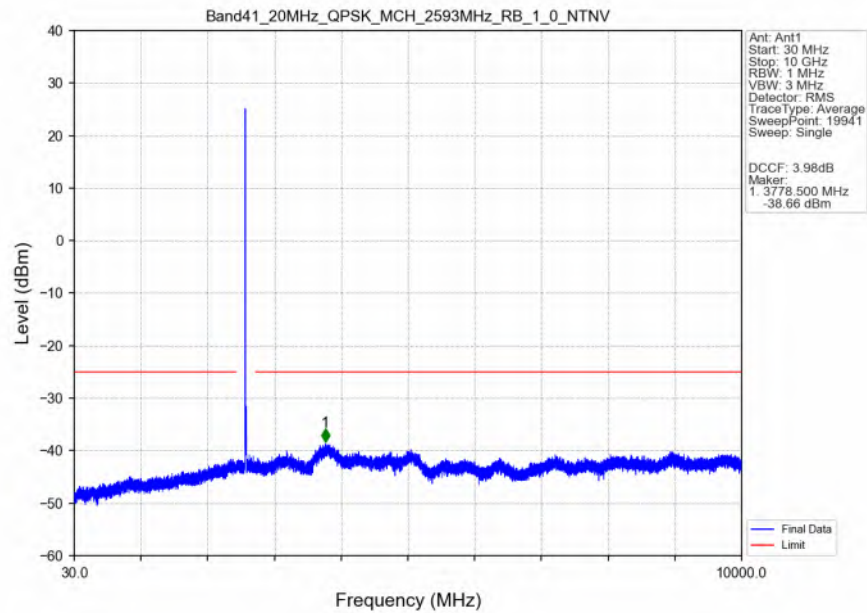


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTV

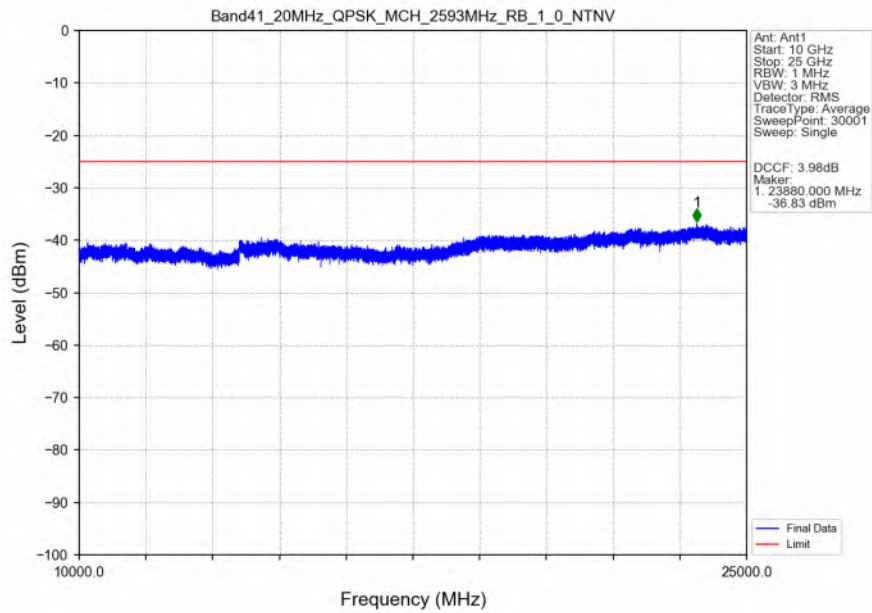


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.487	-28.98	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-26.28	-13	Pass
2495	2496	0.229	CHP	3	2495.974	-30.58	-13	Pass
2496	2516	0.229	CHP	/	/	/	/	/

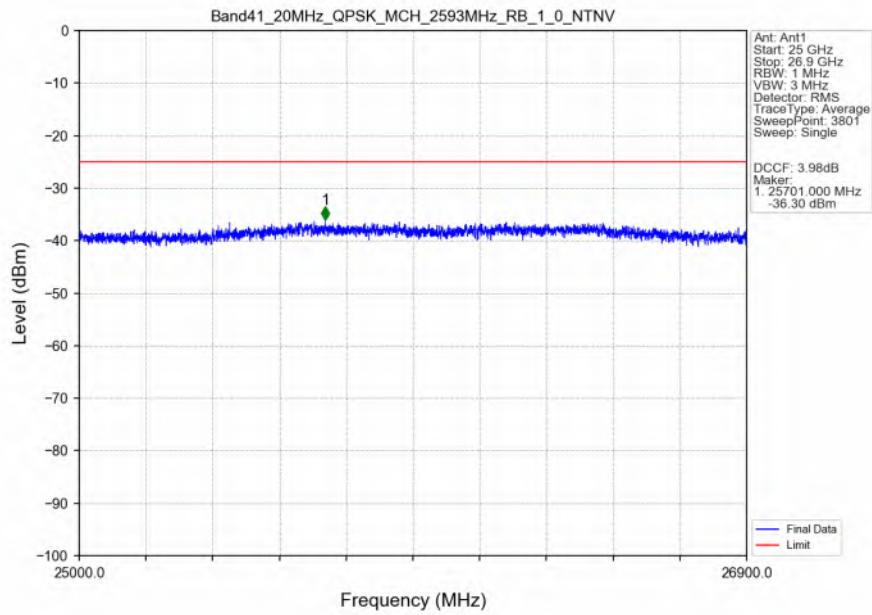
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



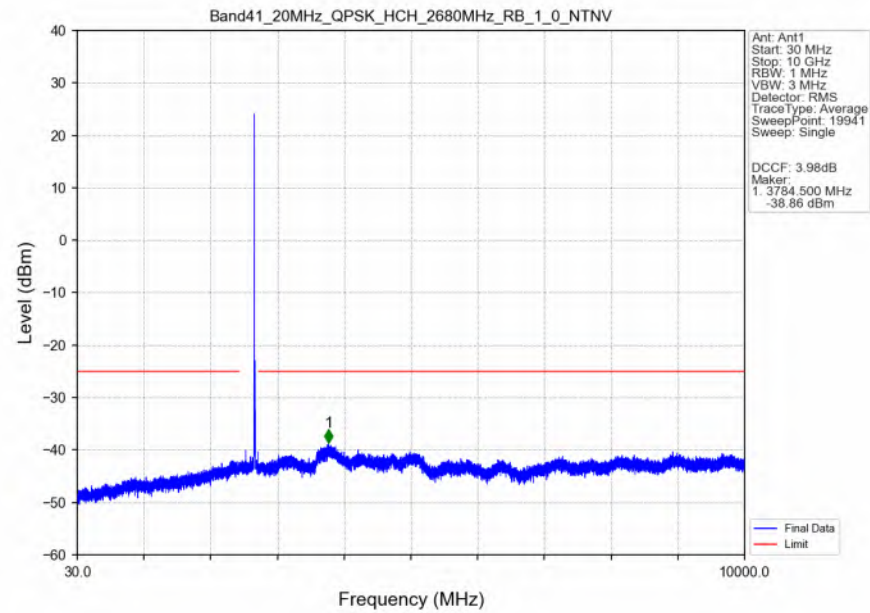
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTN



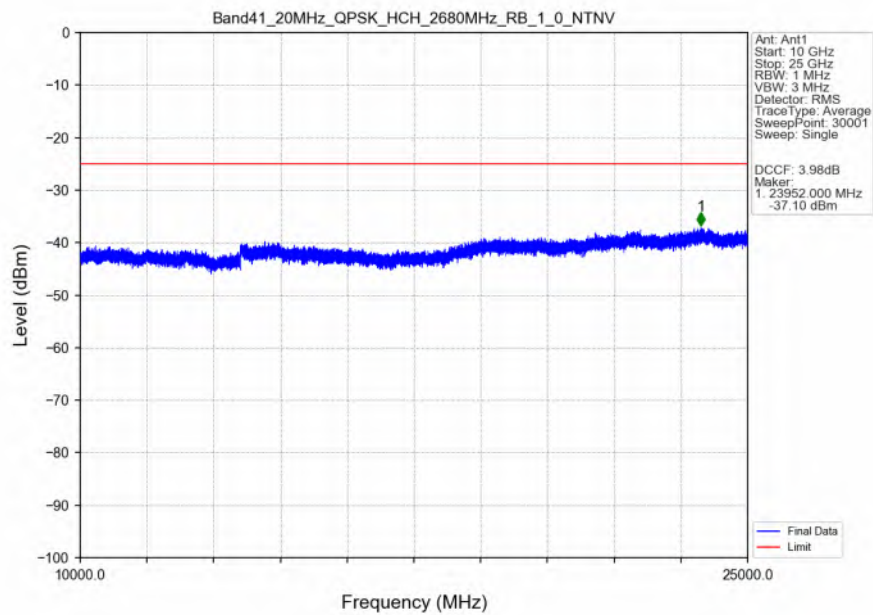
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTN



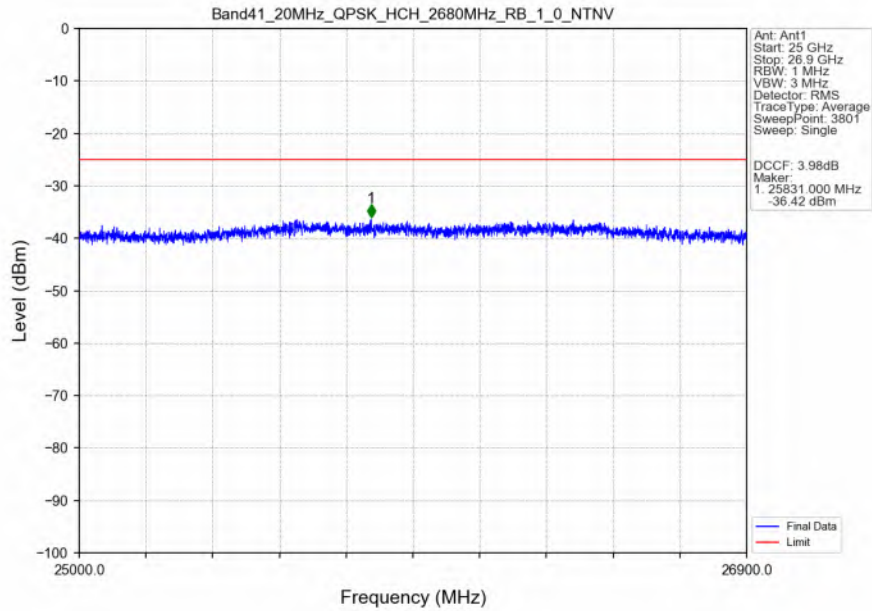
Band41 20MHz QPSK HCH 2680MHz RB 1_0 NTN



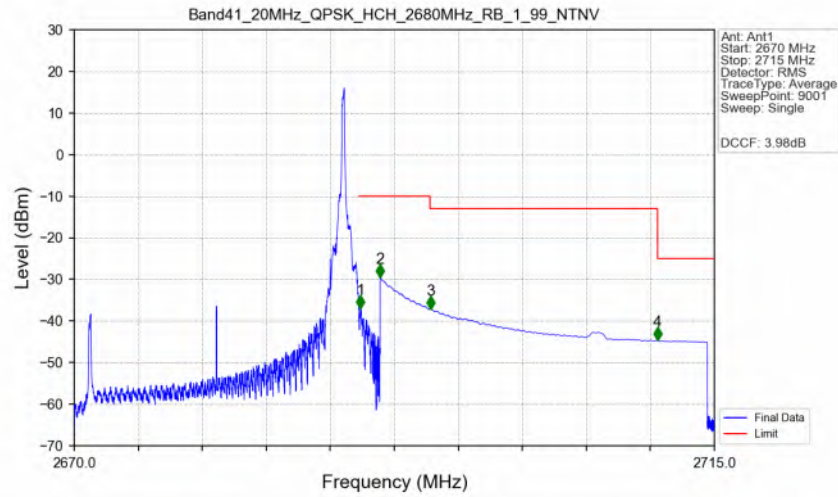
Band41 20MHz QPSK HCH 2680MHz RB 1_0 NTN



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

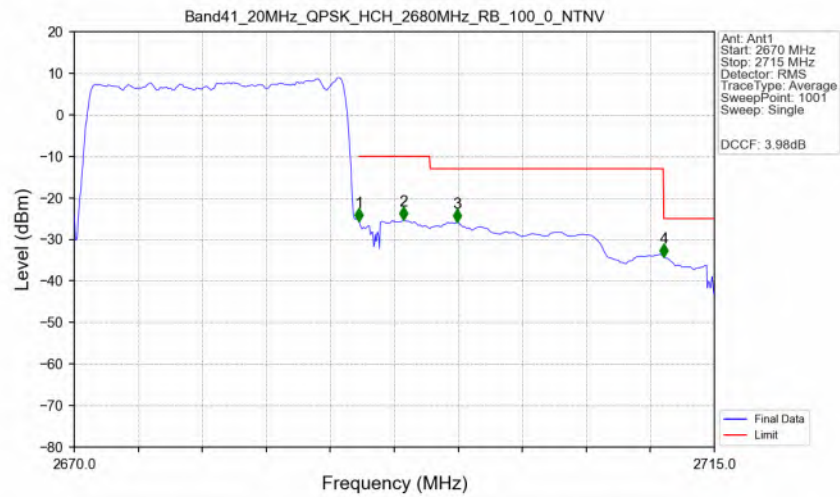


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.115	-36.95	-10	Pass
2691	2695	1	CHP	2	2691.500	-29.43	-10	Pass
2695	2710.995	1	CHP	3	2695.050	-37.09	-13	Pass
2710.995	2715	1	CHP	4	2711.000	-44.71	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.458	CHP	/	/	/	/	/
2690	2691	0.458	CHP	1	2690.025	-25.63	-10	Pass
2691	2695	1	CHP	2	2693.130	-25.32	-10	Pass
2695	2711.442	1	CHP	3	2696.910	-25.89	-13	Pass
2711.442	2715	1	CHP	4	2711.445	-34.25	-25	Pass