

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	23.06	-1.42	21.64	<=33.01	Pass
			13	23.03	-1.42	21.61	<=33.01	Pass
			24	23.00	-1.42	21.58	<=33.01	Pass
		12	0	21.95	-1.42	20.53	<=33.01	Pass
			6	21.96	-1.42	20.54	<=33.01	Pass
			13	21.95	-1.42	20.53	<=33.01	Pass
		25	0	21.99	-1.42	20.57	<=33.01	Pass
	2593	1	0	23.82	-1.42	22.40	<=33.01	Pass
			13	23.92	-1.42	22.50	<=33.01	Pass
			24	23.96	-1.42	22.54	<=33.01	Pass
		12	0	22.83	-1.42	21.41	<=33.01	Pass
			6	22.83	-1.42	21.41	<=33.01	Pass
			13	22.85	-1.42	21.43	<=33.01	Pass
		25	0	22.88	-1.42	21.46	<=33.01	Pass
	2687.5	1	0	22.91	-1.42	21.49	<=33.01	Pass
			13	22.85	-1.42	21.43	<=33.01	Pass
			24	22.86	-1.42	21.44	<=33.01	Pass
		12	0	21.87	-1.42	20.45	<=33.01	Pass
			6	21.83	-1.42	20.41	<=33.01	Pass
			13	21.80	-1.42	20.38	<=33.01	Pass
		25	0	21.88	-1.42	20.46	<=33.01	Pass
16QAM	2498.5	1	0	21.96	-1.42	20.54	<=33.01	Pass
			13	22.16	-1.42	20.74	<=33.01	Pass
			24	22.17	-1.42	20.75	<=33.01	Pass
		12	0	20.98	-1.42	19.56	<=33.01	Pass
			6	20.97	-1.42	19.55	<=33.01	Pass
			13	20.96	-1.42	19.54	<=33.01	Pass
		25	0	20.96	-1.42	19.54	<=33.01	Pass
	2593	1	0	22.72	-1.42	21.30	<=33.01	Pass
			13	22.75	-1.42	21.33	<=33.01	Pass
			24	22.80	-1.42	21.38	<=33.01	Pass
		12	0	21.87	-1.42	20.45	<=33.01	Pass
			6	21.86	-1.42	20.44	<=33.01	Pass
			13	21.87	-1.42	20.45	<=33.01	Pass
		25	0	21.85	-1.42	20.43	<=33.01	Pass
	2687.5	1	0	21.88	-1.42	20.46	<=33.01	Pass
			13	21.80	-1.42	20.38	<=33.01	Pass
			24	21.90	-1.42	20.48	<=33.01	Pass
		12	0	20.92	-1.42	19.50	<=33.01	Pass
			6	20.93	-1.42	19.51	<=33.01	Pass
			13	20.89	-1.42	19.47	<=33.01	Pass
		25	0	20.86	-1.42	19.44	<=33.01	Pass
64QAM	2498.5	1	0	21.00	-1.42	19.58	<=33.01	Pass
			13	20.63	-1.42	19.21	<=33.01	Pass
			24	21.15	-1.42	19.73	<=33.01	Pass
		12	0	19.90	-1.42	18.48	<=33.01	Pass
			6	19.90	-1.42	18.48	<=33.01	Pass
			13	19.94	-1.42	18.52	<=33.01	Pass
		25	0	19.99	-1.42	18.57	<=33.01	Pass

	2593	1	0	21.45	-1.42	20.03	<=33.01	Pass
			13	21.81	-1.42	20.39	<=33.01	Pass
			24	22.17	-1.42	20.75	<=33.01	Pass
		12	0	20.89	-1.42	19.47	<=33.01	Pass
			6	20.89	-1.42	19.47	<=33.01	Pass
			13	20.77	-1.42	19.35	<=33.01	Pass
		25	0	20.86	-1.42	19.44	<=33.01	Pass
	2687.5	1	0	20.89	-1.42	19.47	<=33.01	Pass
			13	20.80	-1.42	19.38	<=33.01	Pass
			24	20.86	-1.42	19.44	<=33.01	Pass
		12	0	19.80	-1.42	18.38	<=33.01	Pass
			6	19.77	-1.42	18.35	<=33.01	Pass
			13	19.82	-1.42	18.40	<=33.01	Pass
		25	0	19.88	-1.42	18.46	<=33.01	Pass
256QAM	2498.5	1	0	17.86	-1.42	16.44	<=33.01	Pass
			13	18.18	-1.42	16.76	<=33.01	Pass
			24	17.80	-1.42	16.38	<=33.01	Pass
		12	0	17.87	-1.42	16.45	<=33.01	Pass
			6	17.92	-1.42	16.50	<=33.01	Pass
			13	17.98	-1.42	16.56	<=33.01	Pass
		25	0	17.99	-1.42	16.57	<=33.01	Pass
	2593	1	0	18.87	-1.42	17.45	<=33.01	Pass
			13	18.86	-1.42	17.44	<=33.01	Pass
			24	18.88	-1.42	17.46	<=33.01	Pass
		12	0	18.78	-1.42	17.36	<=33.01	Pass
			6	18.82	-1.42	17.40	<=33.01	Pass
			13	18.76	-1.42	17.34	<=33.01	Pass
		25	0	18.83	-1.42	17.41	<=33.01	Pass
	2687.5	1	0	17.88	-1.42	16.46	<=33.01	Pass
			13	17.76	-1.42	16.34	<=33.01	Pass
			24	17.69	-1.42	16.27	<=33.01	Pass
		12	0	17.86	-1.42	16.44	<=33.01	Pass
			6	17.83	-1.42	16.41	<=33.01	Pass
			13	17.77	-1.42	16.35	<=33.01	Pass
		25	0	17.79	-1.42	16.37	<=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	23.10	-1.42	21.68	<=33.01	Pass
			25	23.10	-1.42	21.68	<=33.01	Pass
			49	23.17	-1.42	21.75	<=33.01	Pass
		25	0	22.01	-1.42	20.59	<=33.01	Pass
			13	22.01	-1.42	20.59	<=33.01	Pass
			25	22.06	-1.42	20.64	<=33.01	Pass
		50	0	22.00	-1.42	20.58	<=33.01	Pass
	2593	1	0	23.84	-1.42	22.42	<=33.01	Pass
			25	23.83	-1.42	22.41	<=33.01	Pass
			49	24.00	-1.42	22.58	<=33.01	Pass
		25	0	22.85	-1.42	21.43	<=33.01	Pass
			13	22.81	-1.42	21.39	<=33.01	Pass
			25	22.89	-1.42	21.47	<=33.01	Pass
		50	0	22.88	-1.42	21.46	<=33.01	Pass
	2685	1	0	23.04	-1.42	21.62	<=33.01	Pass

			25	22.95	-1.42	21.53	<=33.01	Pass		
			49	22.86	-1.42	21.44	<=33.01	Pass		
			25	0	21.98	-1.42	20.56	<=33.01	Pass	
				13	21.91	-1.42	20.49	<=33.01	Pass	
				25	21.90	-1.42	20.48	<=33.01	Pass	
			50	0	21.96	-1.42	20.54	<=33.01	Pass	
16QAM	2501	1	0	22.11	-1.42	20.69	<=33.01	Pass		
			25	22.11	-1.42	20.69	<=33.01	Pass		
			49	21.92	-1.42	20.50	<=33.01	Pass		
		25	0	21.01	-1.42	19.59	<=33.01	Pass		
			13	21.02	-1.42	19.60	<=33.01	Pass		
			25	21.05	-1.42	19.63	<=33.01	Pass		
		50	0	21.00	-1.42	19.58	<=33.01	Pass		
		2593	1	0	22.64	-1.42	21.22	<=33.01	Pass	
				25	22.68	-1.42	21.26	<=33.01	Pass	
	49			22.80	-1.42	21.38	<=33.01	Pass		
	25		0	21.82	-1.42	20.40	<=33.01	Pass		
			13	21.80	-1.42	20.38	<=33.01	Pass		
			25	21.90	-1.42	20.48	<=33.01	Pass		
	50		0	21.81	-1.42	20.39	<=33.01	Pass		
	2685		1	0	22.01	-1.42	20.59	<=33.01	Pass	
				25	21.65	-1.42	20.23	<=33.01	Pass	
		49		21.60	-1.42	20.18	<=33.01	Pass		
		25	0	20.94	-1.42	19.52	<=33.01	Pass		
			13	20.90	-1.42	19.48	<=33.01	Pass		
			25	20.90	-1.42	19.48	<=33.01	Pass		
		50	0	20.91	-1.42	19.49	<=33.01	Pass		
		64QAM	2501	1	0	21.12	-1.42	19.70	<=33.01	Pass
					25	21.07	-1.42	19.65	<=33.01	Pass
	49				21.39	-1.42	19.97	<=33.01	Pass	
	25			0	20.01	-1.42	18.59	<=33.01	Pass	
				13	19.92	-1.42	18.50	<=33.01	Pass	
				25	19.94	-1.42	18.52	<=33.01	Pass	
50	0			19.99	-1.42	18.57	<=33.01	Pass		
2593	1			0	22.02	-1.42	20.60	<=33.01	Pass	
				25	22.17	-1.42	20.75	<=33.01	Pass	
			49	22.12	-1.42	20.70	<=33.01	Pass		
	25		0	20.87	-1.42	19.45	<=33.01	Pass		
			13	20.84	-1.42	19.42	<=33.01	Pass		
			25	20.88	-1.42	19.46	<=33.01	Pass		
	50		0	20.88	-1.42	19.46	<=33.01	Pass		
	2685		1	0	20.82	-1.42	19.40	<=33.01	Pass	
				25	20.72	-1.42	19.30	<=33.01	Pass	
49				20.54	-1.42	19.12	<=33.01	Pass		
25			0	19.86	-1.42	18.44	<=33.01	Pass		
			13	19.83	-1.42	18.41	<=33.01	Pass		
			25	19.86	-1.42	18.44	<=33.01	Pass		
50			0	19.89	-1.42	18.47	<=33.01	Pass		
256QAM			2501	1	0	18.05	-1.42	16.63	<=33.01	Pass
					25	17.99	-1.42	16.57	<=33.01	Pass
	49				18.06	-1.42	16.64	<=33.01	Pass	
	25			0	17.96	-1.42	16.54	<=33.01	Pass	
				13	17.95	-1.42	16.53	<=33.01	Pass	
				25	17.97	-1.42	16.55	<=33.01	Pass	
	50	0		17.99	-1.42	16.57	<=33.01	Pass		
	2593	1		0	18.62	-1.42	17.20	<=33.01	Pass	
				25	18.98	-1.42	17.56	<=33.01	Pass	
			49	19.01	-1.42	17.59	<=33.01	Pass		
		25	0	18.82	-1.42	17.40	<=33.01	Pass		

		50	13	18.79	-1.42	17.37	<=33.01	Pass
			25	18.86	-1.42	17.44	<=33.01	Pass
			0	18.80	-1.42	17.38	<=33.01	Pass
	2685	1	0	18.16	-1.42	16.74	<=33.01	Pass
			25	17.67	-1.42	16.25	<=33.01	Pass
			49	17.63	-1.42	16.21	<=33.01	Pass
		25	0	17.92	-1.42	16.50	<=33.01	Pass
			13	17.82	-1.42	16.40	<=33.01	Pass
			25	17.87	-1.42	16.45	<=33.01	Pass
		50	0	17.87	-1.42	16.45	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B41_15MHz_EIRP

Band: 41 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2503.5	1	0	23.10	-1.42	21.68	<=33.01	Pass
			38	23.11	-1.42	21.69	<=33.01	Pass
			74	23.14	-1.42	21.72	<=33.01	Pass
		36	0	21.97	-1.42	20.55	<=33.01	Pass
			18	22.01	-1.42	20.59	<=33.01	Pass
			39	21.99	-1.42	20.57	<=33.01	Pass
		75	0	21.98	-1.42	20.56	<=33.01	Pass
	2593	1	0	23.71	-1.42	22.29	<=33.01	Pass
			38	23.86	-1.42	22.44	<=33.01	Pass
			74	23.93	-1.42	22.51	<=33.01	Pass
		36	0	22.78	-1.42	21.36	<=33.01	Pass
			18	22.75	-1.42	21.33	<=33.01	Pass
			39	22.86	-1.42	21.44	<=33.01	Pass
		75	0	22.80	-1.42	21.38	<=33.01	Pass
	2682.5	1	0	23.18	-1.42	21.76	<=33.01	Pass
			38	22.94	-1.42	21.52	<=33.01	Pass
			74	22.88	-1.42	21.46	<=33.01	Pass
		36	0	21.96	-1.42	20.54	<=33.01	Pass
			18	21.92	-1.42	20.50	<=33.01	Pass
			39	21.86	-1.42	20.44	<=33.01	Pass
		75	0	21.89	-1.42	20.47	<=33.01	Pass
16QAM	2503.5	1	0	21.79	-1.42	20.37	<=33.01	Pass
			38	22.23	-1.42	20.81	<=33.01	Pass
			74	22.13	-1.42	20.71	<=33.01	Pass
		36	0	20.99	-1.42	19.57	<=33.01	Pass
			18	21.01	-1.42	19.59	<=33.01	Pass
			39	21.03	-1.42	19.61	<=33.01	Pass
		75	0	21.06	-1.42	19.64	<=33.01	Pass
	2593	1	0	22.61	-1.42	21.19	<=33.01	Pass
			38	22.76	-1.42	21.34	<=33.01	Pass
			74	22.81	-1.42	21.39	<=33.01	Pass
		36	0	21.80	-1.42	20.38	<=33.01	Pass
			18	21.81	-1.42	20.39	<=33.01	Pass
			39	21.87	-1.42	20.45	<=33.01	Pass
		75	0	21.82	-1.42	20.40	<=33.01	Pass
	2682.5	1	0	22.03	-1.42	20.61	<=33.01	Pass
			38	21.65	-1.42	20.23	<=33.01	Pass
			74	21.68	-1.42	20.26	<=33.01	Pass
		36	0	20.92	-1.42	19.50	<=33.01	Pass
			18	20.96	-1.42	19.54	<=33.01	Pass

			39	20.86	-1.42	19.44	<=33.01	Pass	
		75	0	20.93	-1.42	19.51	<=33.01	Pass	
64QAM	2503.5	1	0	20.59	-1.42	19.17	<=33.01	Pass	
			38	20.58	-1.42	19.16	<=33.01	Pass	
			74	21.19	-1.42	19.77	<=33.01	Pass	
			0	19.95	-1.42	18.53	<=33.01	Pass	
		36	18	19.99	-1.42	18.57	<=33.01	Pass	
			39	19.99	-1.42	18.57	<=33.01	Pass	
			75	0	20.00	-1.42	18.58	<=33.01	Pass
		2593	1	0	22.01	-1.42	20.59	<=33.01	Pass
				38	21.96	-1.42	20.54	<=33.01	Pass
				74	22.19	-1.42	20.77	<=33.01	Pass
	36		0	20.74	-1.42	19.32	<=33.01	Pass	
			18	20.75	-1.42	19.33	<=33.01	Pass	
			39	20.86	-1.42	19.44	<=33.01	Pass	
	75		0	20.82	-1.42	19.40	<=33.01	Pass	
	2682.5	1	0	21.11	-1.42	19.69	<=33.01	Pass	
			38	20.98	-1.42	19.56	<=33.01	Pass	
			74	20.63	-1.42	19.21	<=33.01	Pass	
		36	0	19.99	-1.42	18.57	<=33.01	Pass	
			18	19.93	-1.42	18.51	<=33.01	Pass	
			39	19.84	-1.42	18.42	<=33.01	Pass	
		75	0	19.95	-1.42	18.53	<=33.01	Pass	
		256QAM	2503.5	1	0	17.87	-1.42	16.45	<=33.01
38					18.05	-1.42	16.63	<=33.01	Pass
74	18.06				-1.42	16.64	<=33.01	Pass	
36	0			17.97	-1.42	16.55	<=33.01	Pass	
	18			17.98	-1.42	16.56	<=33.01	Pass	
	39			18.00	-1.42	16.58	<=33.01	Pass	
75	0			17.98	-1.42	16.56	<=33.01	Pass	
2593	1		0	18.43	-1.42	17.01	<=33.01	Pass	
			38	18.86	-1.42	17.44	<=33.01	Pass	
			74	19.02	-1.42	17.60	<=33.01	Pass	
	36		0	18.76	-1.42	17.34	<=33.01	Pass	
			18	18.69	-1.42	17.27	<=33.01	Pass	
			39	18.83	-1.42	17.41	<=33.01	Pass	
75	0		18.76	-1.42	17.34	<=33.01	Pass		
2682.5	1		0	17.93	-1.42	16.51	<=33.01	Pass	
			38	17.96	-1.42	16.54	<=33.01	Pass	
			74	17.86	-1.42	16.44	<=33.01	Pass	
	36		0	17.90	-1.42	16.48	<=33.01	Pass	
		18	17.89	-1.42	16.47	<=33.01	Pass		
		39	17.79	-1.42	16.37	<=33.01	Pass		
	75	0	17.88	-1.42	16.46	<=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	23.11	-1.42	21.69	<=33.01	Pass
			50	23.06	-1.42	21.64	<=33.01	Pass
			99	23.13	-1.42	21.71	<=33.01	Pass
		50	0	22.02	-1.42	20.60	<=33.01	Pass
			25	22.09	-1.42	20.67	<=33.01	Pass
			50	22.12	-1.42	20.70	<=33.01	Pass

		100	0	22.06	-1.42	20.64	<=33.01	Pass	
	2593	1	0	23.72	-1.42	22.30	<=33.01	Pass	
			50	23.91	-1.42	22.49	<=33.01	Pass	
			99	24.00	-1.42	22.58	<=33.01	Pass	
			0	22.83	-1.42	21.41	<=33.01	Pass	
		50	25	22.85	-1.42	21.43	<=33.01	Pass	
			50	22.90	-1.42	21.48	<=33.01	Pass	
	100	0	22.84	-1.42	21.42	<=33.01	Pass		
	2680	1	0	23.24	-1.42	21.82	<=33.01	Pass	
			50	23.07	-1.42	21.65	<=33.01	Pass	
			99	22.73	-1.42	21.31	<=33.01	Pass	
		50	0	22.15	-1.42	20.73	<=33.01	Pass	
			25	22.00	-1.42	20.58	<=33.01	Pass	
			50	21.90	-1.42	20.48	<=33.01	Pass	
		100	0	21.99	-1.42	20.57	<=33.01	Pass	
		16QAM	2506	1	0	22.30	-1.42	20.88	<=33.01
50	22.06				-1.42	20.64	<=33.01	Pass	
99	22.35				-1.42	20.93	<=33.01	Pass	
50	0			21.03	-1.42	19.61	<=33.01	Pass	
	25			21.05	-1.42	19.63	<=33.01	Pass	
	50			21.11	-1.42	19.69	<=33.01	Pass	
100	0			21.05	-1.42	19.63	<=33.01	Pass	
2593	1			0	22.44	-1.42	21.02	<=33.01	Pass
			50	22.65	-1.42	21.23	<=33.01	Pass	
			99	22.84	-1.42	21.42	<=33.01	Pass	
	50		0	21.78	-1.42	20.36	<=33.01	Pass	
			25	21.87	-1.42	20.45	<=33.01	Pass	
			50	21.87	-1.42	20.45	<=33.01	Pass	
	100		0	21.83	-1.42	20.41	<=33.01	Pass	
	2680		1	0	22.45	-1.42	21.03	<=33.01	Pass
50				22.15	-1.42	20.73	<=33.01	Pass	
99				21.47	-1.42	20.05	<=33.01	Pass	
50			0	21.09	-1.42	19.67	<=33.01	Pass	
			25	21.00	-1.42	19.58	<=33.01	Pass	
			50	20.91	-1.42	19.49	<=33.01	Pass	
100			0	20.98	-1.42	19.56	<=33.01	Pass	
64QAM			2506	1	0	20.75	-1.42	19.33	<=33.01
	50				21.01	-1.42	19.59	<=33.01	Pass
	99				21.05	-1.42	19.63	<=33.01	Pass
	50			0	19.97	-1.42	18.55	<=33.01	Pass
				25	19.96	-1.42	18.54	<=33.01	Pass
				50	20.04	-1.42	18.62	<=33.01	Pass
	100			0	19.99	-1.42	18.57	<=33.01	Pass
	2593			1	0	21.62	-1.42	20.20	<=33.01
			50		21.57	-1.42	20.15	<=33.01	Pass
			99		21.67	-1.42	20.25	<=33.01	Pass
			50	0	20.82	-1.42	19.40	<=33.01	Pass
		25		20.85	-1.42	19.43	<=33.01	Pass	
		50		20.89	-1.42	19.47	<=33.01	Pass	
		100	0	20.78	-1.42	19.36	<=33.01	Pass	
		2680	1	0	21.04	-1.42	19.62	<=33.01	Pass
	50			20.96	-1.42	19.54	<=33.01	Pass	
	99			20.88	-1.42	19.46	<=33.01	Pass	
	50		0	20.14	-1.42	18.72	<=33.01	Pass	
			25	20.00	-1.42	18.58	<=33.01	Pass	
			50	19.90	-1.42	18.48	<=33.01	Pass	
	100		0	20.02	-1.42	18.60	<=33.01	Pass	
	256QAM		2506	1	0	18.13	-1.42	16.71	<=33.01
	50	17.81	-1.42		16.39	<=33.01	Pass		

			99	17.77	-1.42	16.35	<=33.01	Pass
		50	0	17.94	-1.42	16.52	<=33.01	Pass
			25	18.00	-1.42	16.58	<=33.01	Pass
			50	17.99	-1.42	16.57	<=33.01	Pass
		100	0	17.99	-1.42	16.57	<=33.01	Pass
	2593	1	0	19.02	-1.42	17.60	<=33.01	Pass
			50	18.63	-1.42	17.21	<=33.01	Pass
			99	19.30	-1.42	17.88	<=33.01	Pass
		50	0	18.80	-1.42	17.38	<=33.01	Pass
			25	18.83	-1.42	17.41	<=33.01	Pass
			50	18.87	-1.42	17.45	<=33.01	Pass
		100	0	18.77	-1.42	17.35	<=33.01	Pass
	2680	1	0	17.99	-1.42	16.57	<=33.01	Pass
			50	17.99	-1.42	16.57	<=33.01	Pass
			99	18.06	-1.42	16.64	<=33.01	Pass
		50	0	18.12	-1.42	16.70	<=33.01	Pass
			25	17.96	-1.42	16.54	<=33.01	Pass
			50	17.87	-1.42	16.45	<=33.01	Pass
		100	0	17.97	-1.42	16.55	<=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	-8.876	-0.0034	-2.5 to 2.5	Pass
					NV	-3.499	-0.0013	-2.5 to 2.5	Pass
					HV	2.801	0.0011	-2.5 to 2.5	Pass
				-30	NV	1.695	0.0007	-2.5 to 2.5	Pass
				-20	NV	-1.442	-0.0006	-2.5 to 2.5	Pass
				-10	NV	-1.471	-0.0006	-2.5 to 2.5	Pass
				0	NV	-4.271	-0.0016	-2.5 to 2.5	Pass
				10	NV	1.349	0.0005	-2.5 to 2.5	Pass
				30	NV	-3.985	-0.0015	-2.5 to 2.5	Pass
				40	NV	1.932	0.0007	-2.5 to 2.5	Pass
				50	NV	1.074	0.0004	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

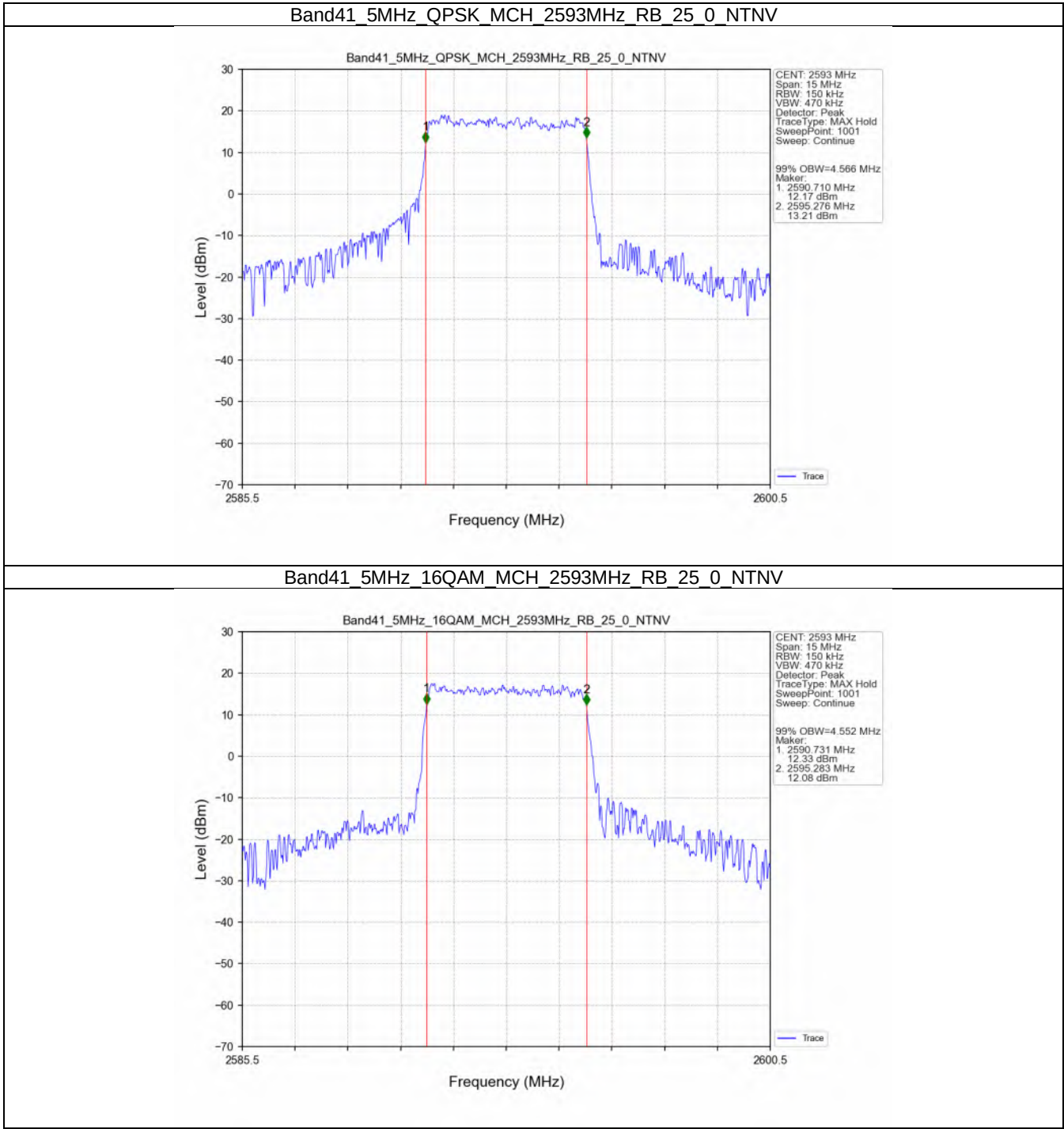
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.566	/	Pass
	16QAM	2593	25	0	4.552	/	Pass
	64QAM	2593	25	0	4.581	/	Pass
	256QAM	2593	25	0	4.567	/	Pass
10	QPSK	2593	50	0	9.061	/	Pass
	16QAM	2593	50	0	9.083	/	Pass
	64QAM	2593	50	0	9.106	/	Pass
	256QAM	2593	50	0	9.072	/	Pass
15	QPSK	2593	75	0	13.622	/	Pass
	16QAM	2593	75	0	13.622	/	Pass
	64QAM	2593	75	0	13.600	/	Pass
	256QAM	2593	75	0	13.586	/	Pass
20	QPSK	2593	100	0	18.166	/	Pass
	16QAM	2593	100	0	18.133	/	Pass
	64QAM	2593	100	0	18.113	/	Pass
	256QAM	2593	100	0	18.216	/	Pass

3.1.2 Band41_XDB

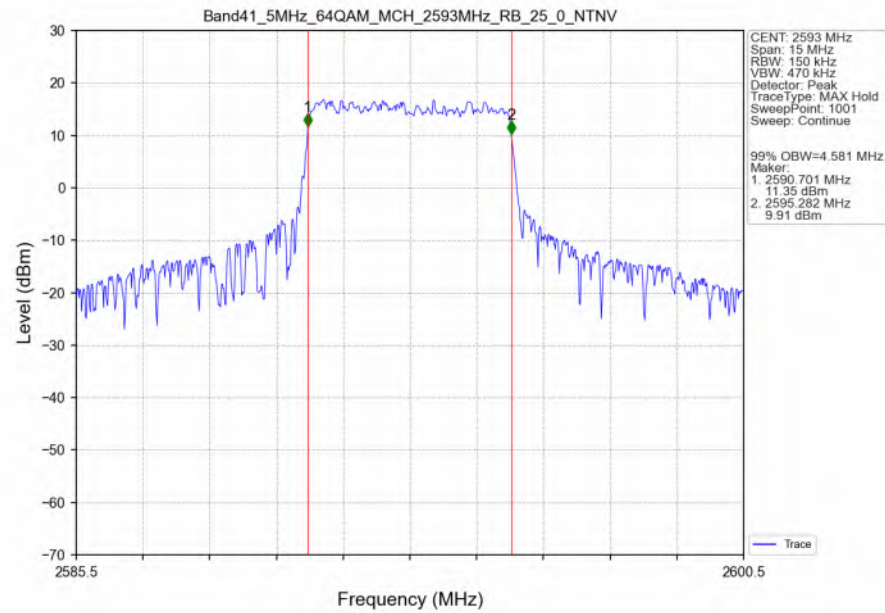
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.764	/	Pass
	16QAM	2593	25	0	5.174	/	Pass
	64QAM	2593	25	0	6.347	/	Pass
	256QAM	2593	25	0	5.161	/	Pass
10	QPSK	2593	50	0	10.144	/	Pass
	16QAM	2593	50	0	10.125	/	Pass
	64QAM	2593	50	0	12.265	/	Pass
	256QAM	2593	50	0	10.969	/	Pass
15	QPSK	2593	75	0	16.484	/	Pass
	16QAM	2593	75	0	15.681	/	Pass
	64QAM	2593	75	0	20.773	/	Pass
	256QAM	2593	75	0	16.011	/	Pass
20	QPSK	2593	100	0	24.769	/	Pass
	16QAM	2593	100	0	22.508	/	Pass
	64QAM	2593	100	0	25.964	/	Pass
	256QAM	2593	100	0	26.413	/	Pass

3.2 Test Graph

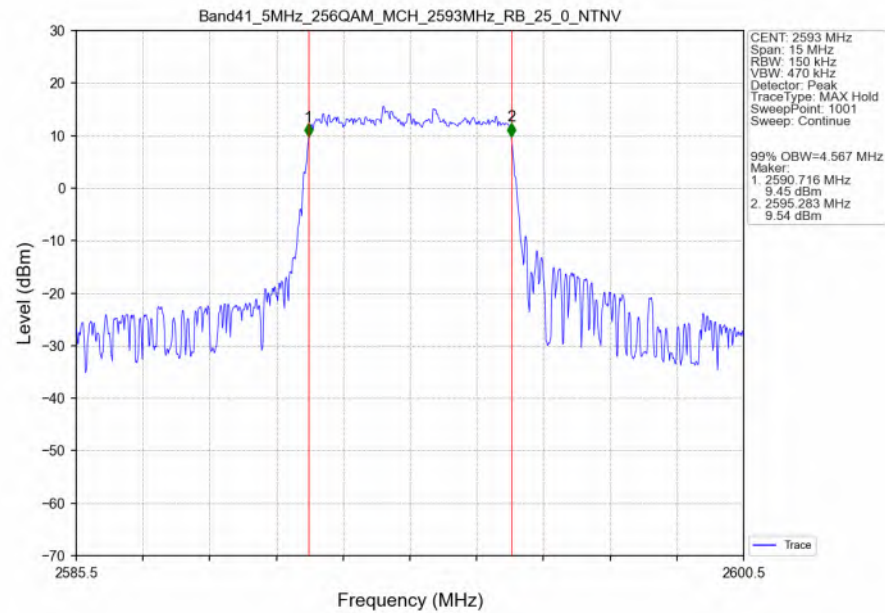
3.2.1 Band41_OBW



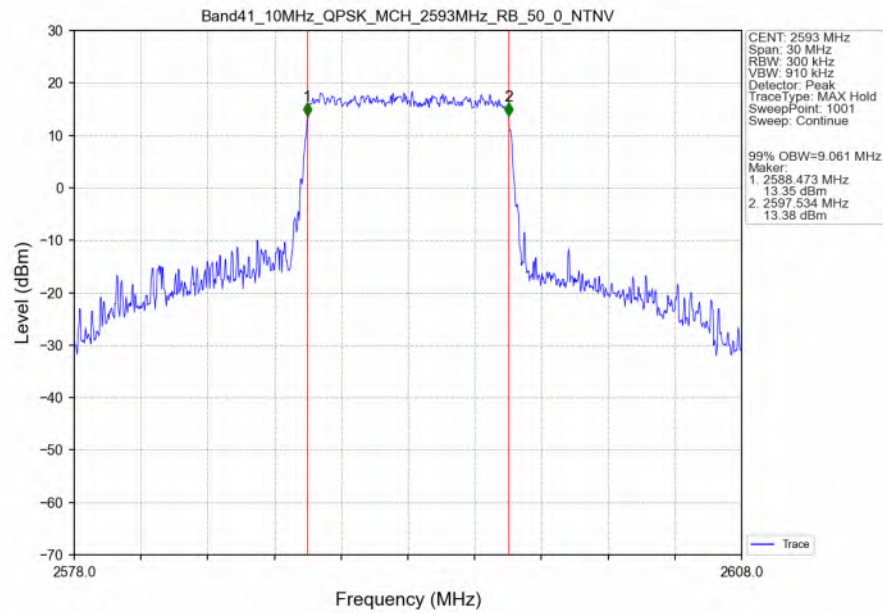
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTV



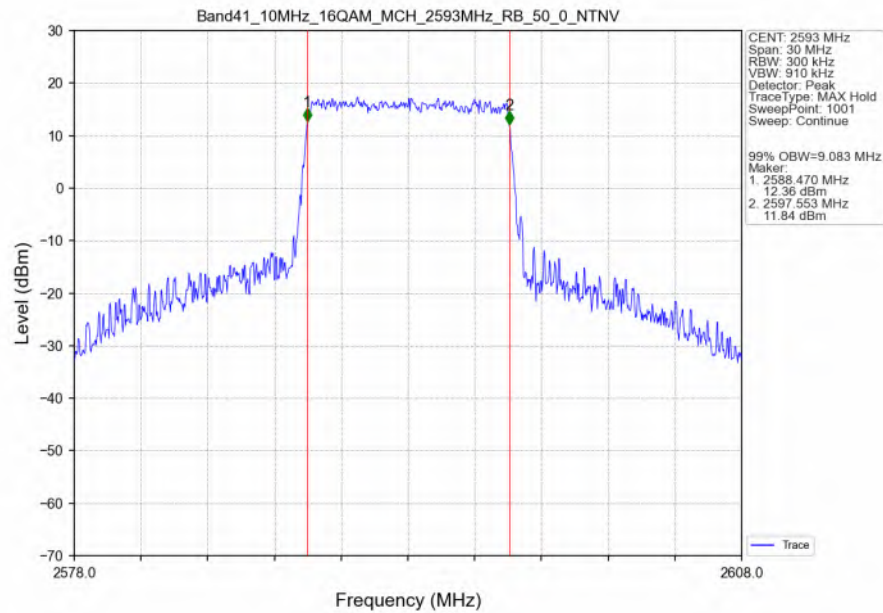
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTV



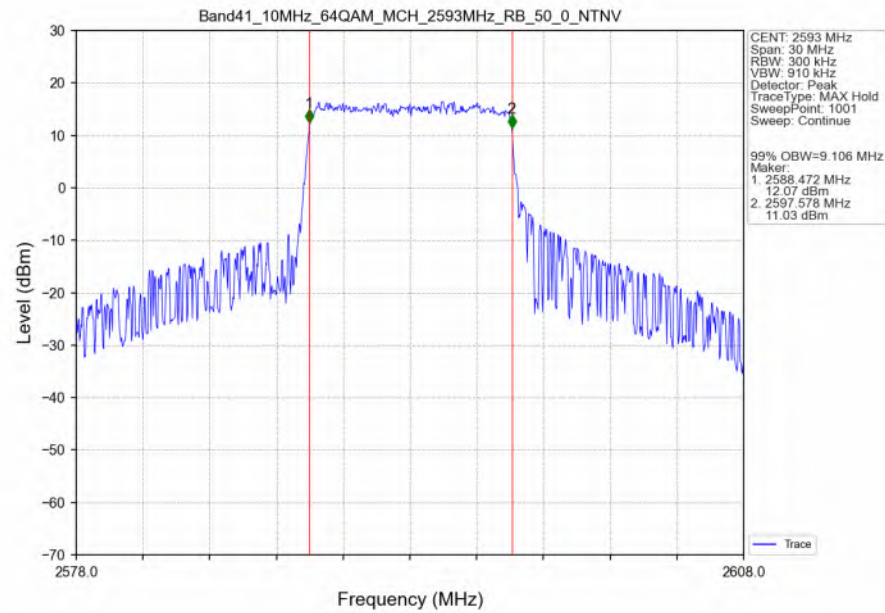
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



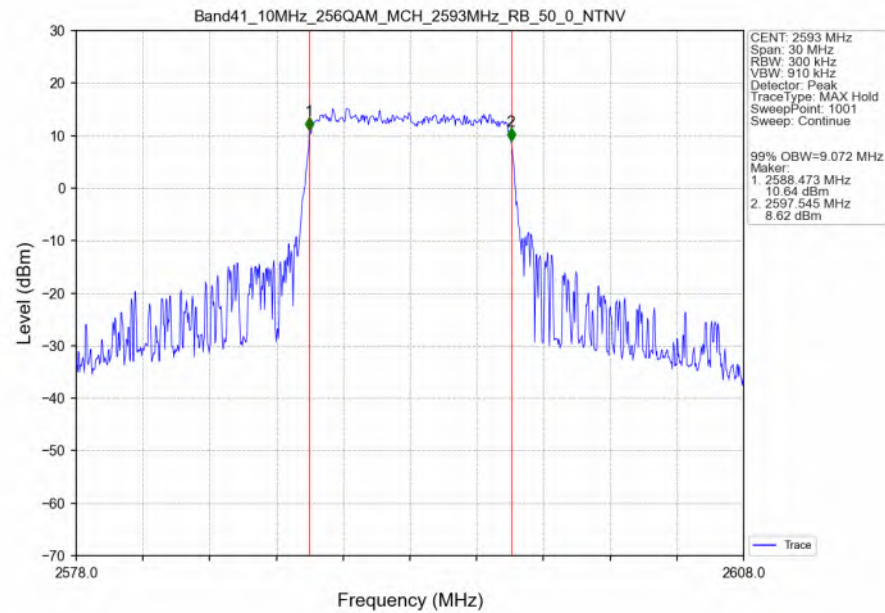
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



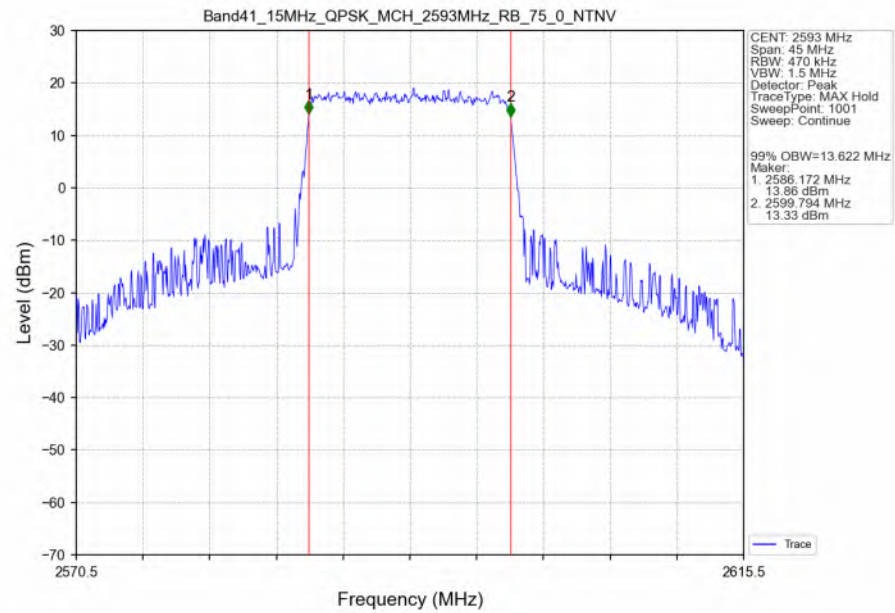
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTN



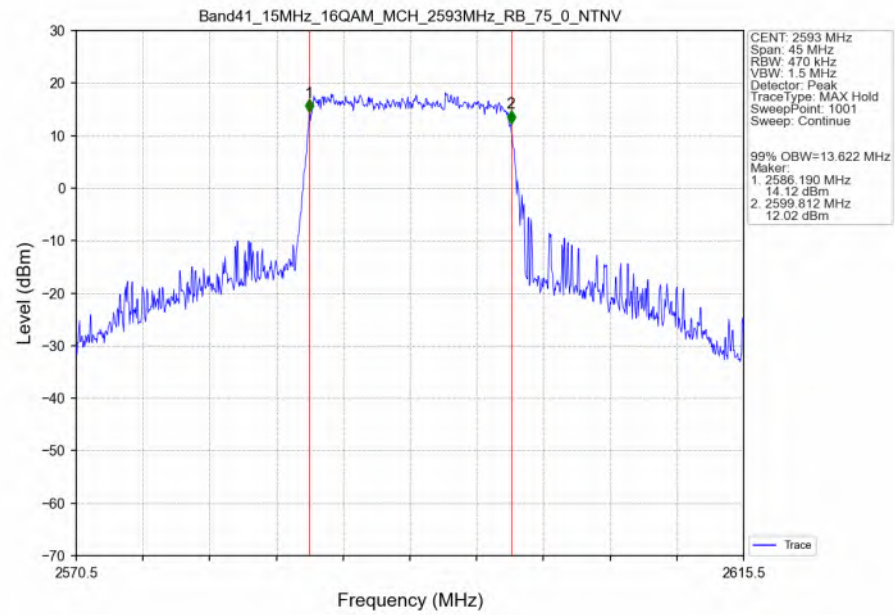
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTN



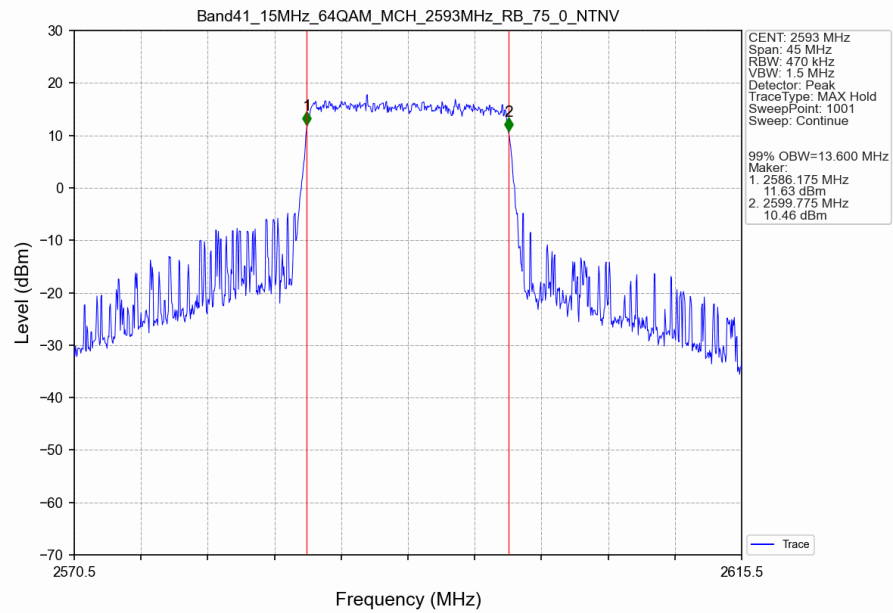
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



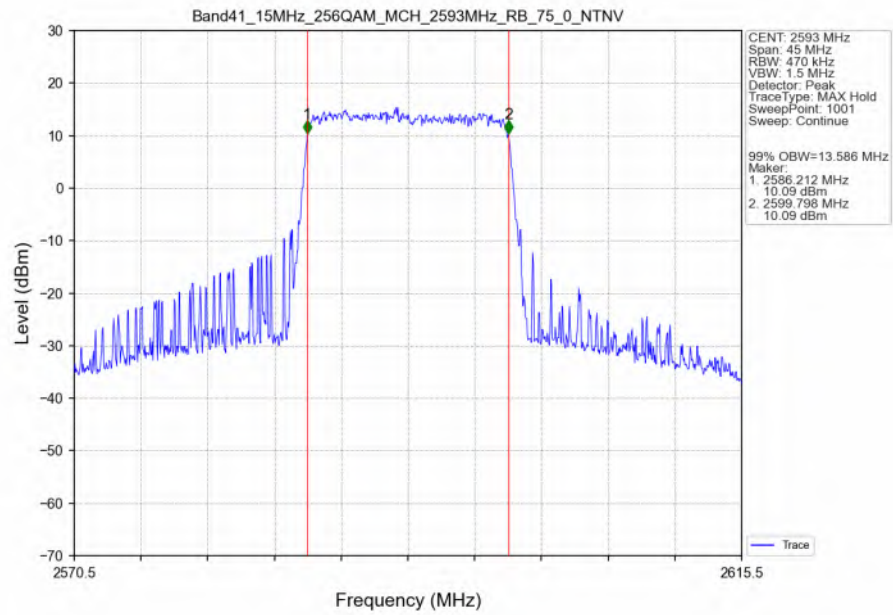
Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



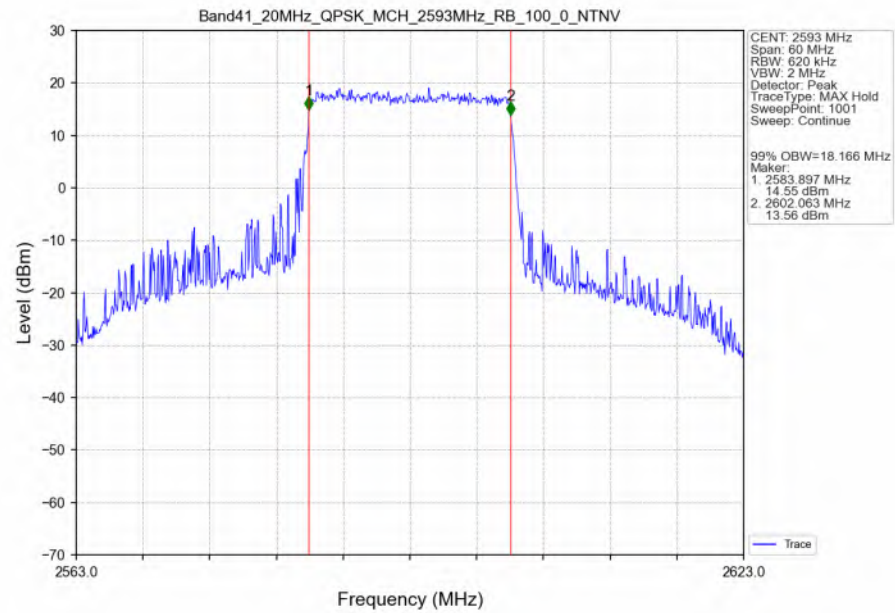
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



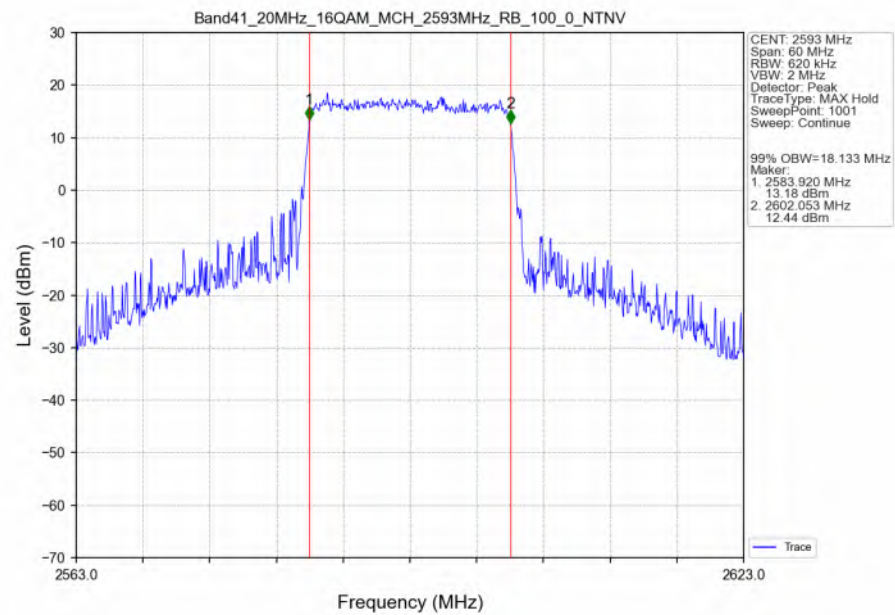
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



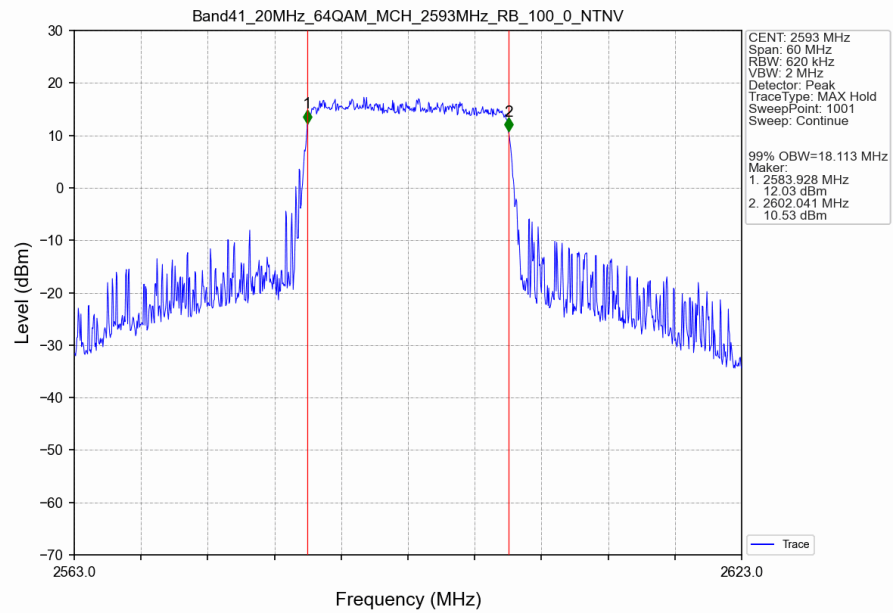
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTN



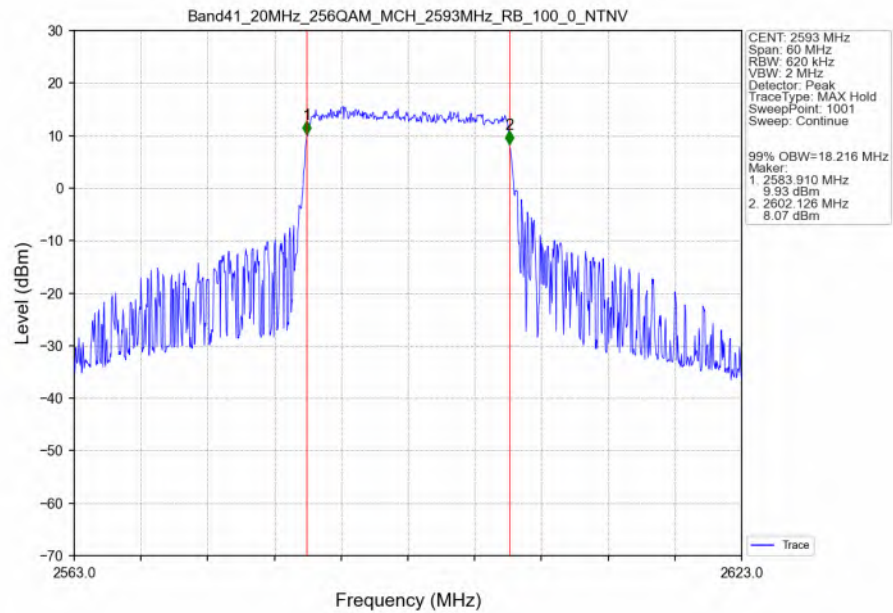
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTN



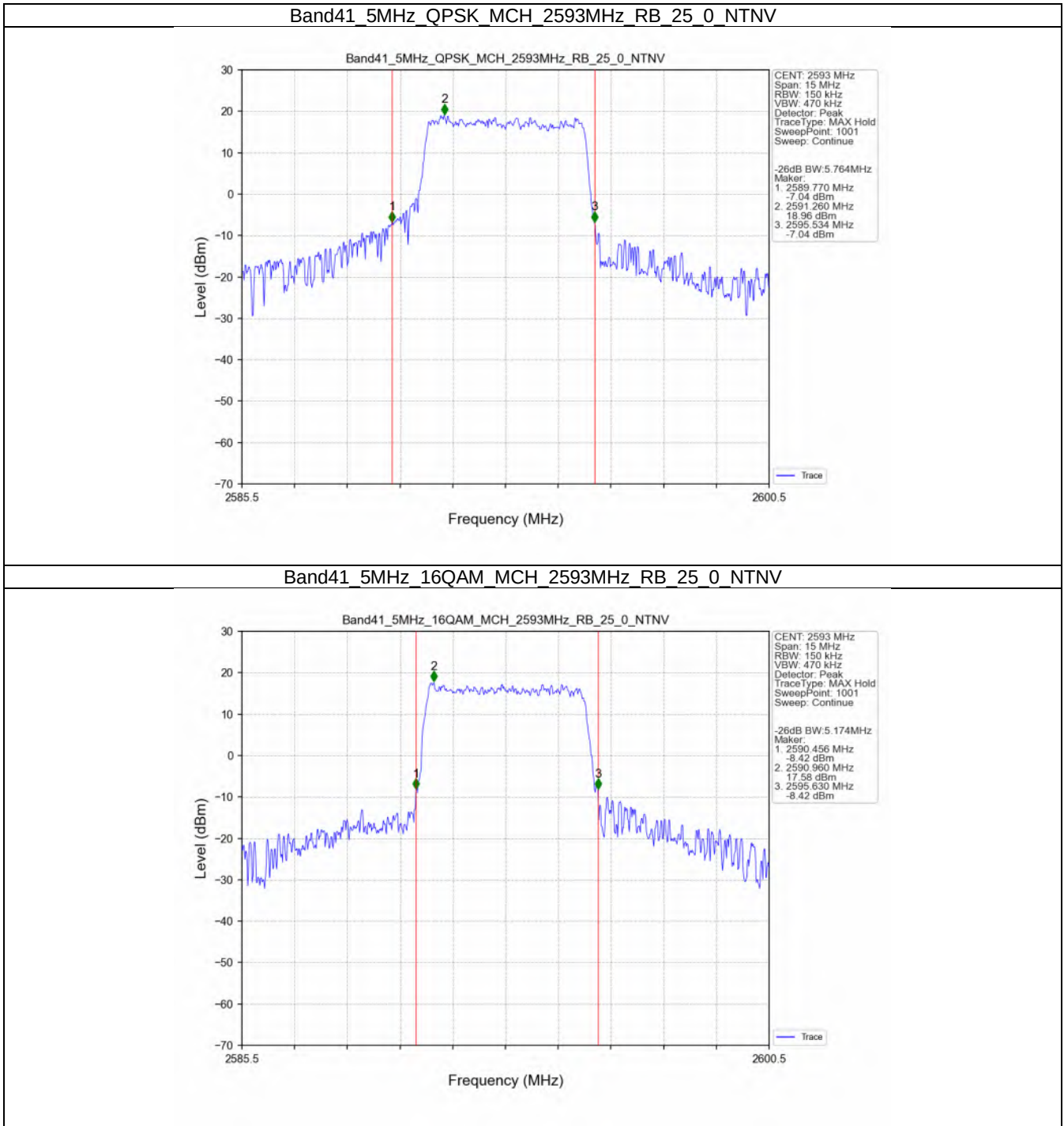
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTN



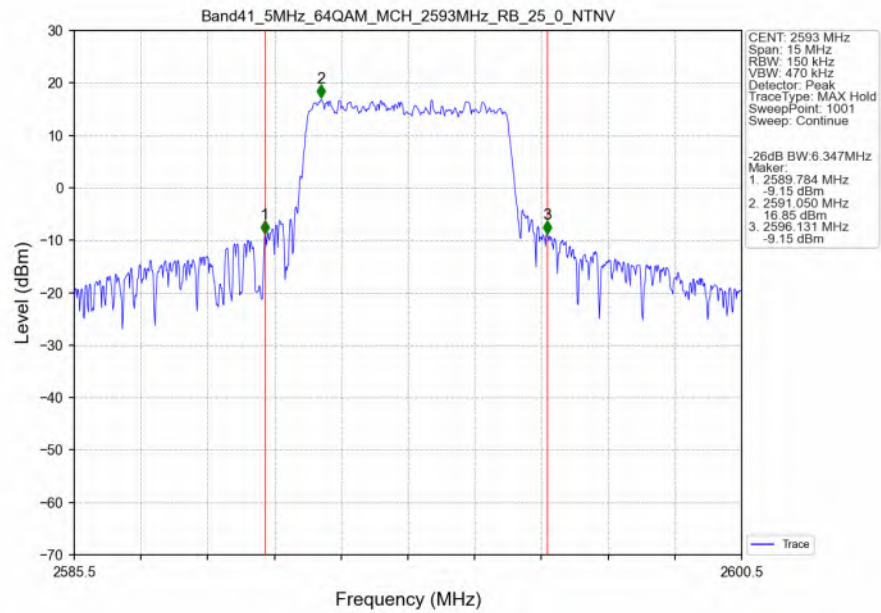
Band41 20MHz 256QAM MCH 2593MHz RB 100 0 NTN



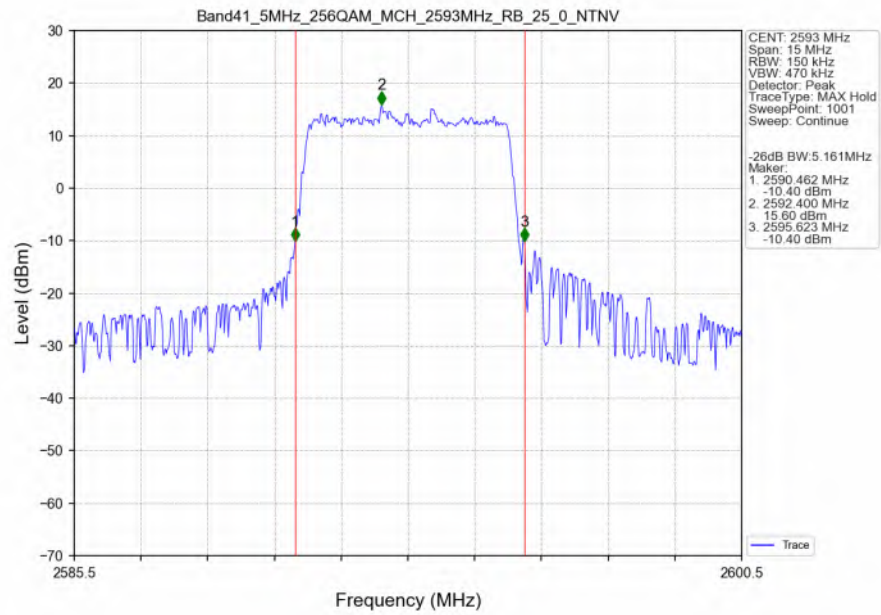
3.2.2 Band41_XDB



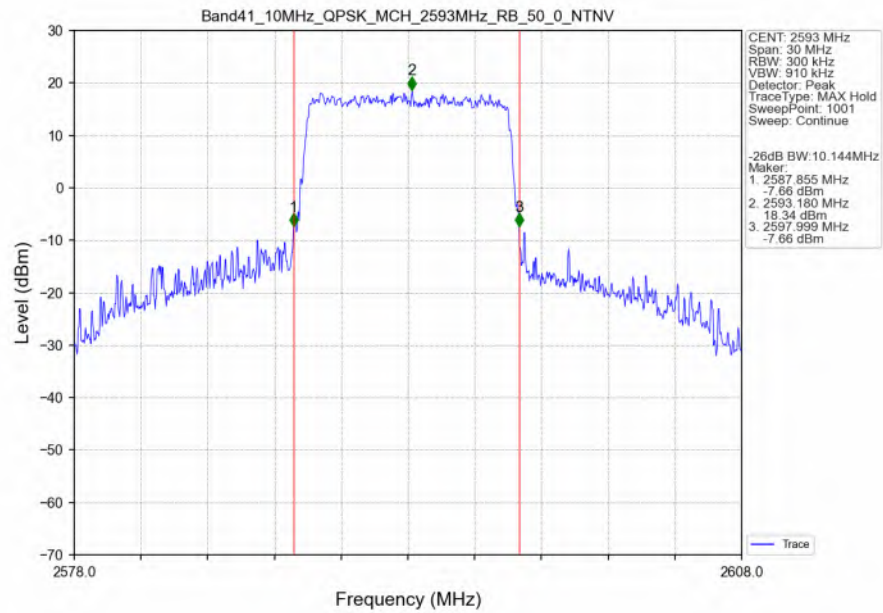
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



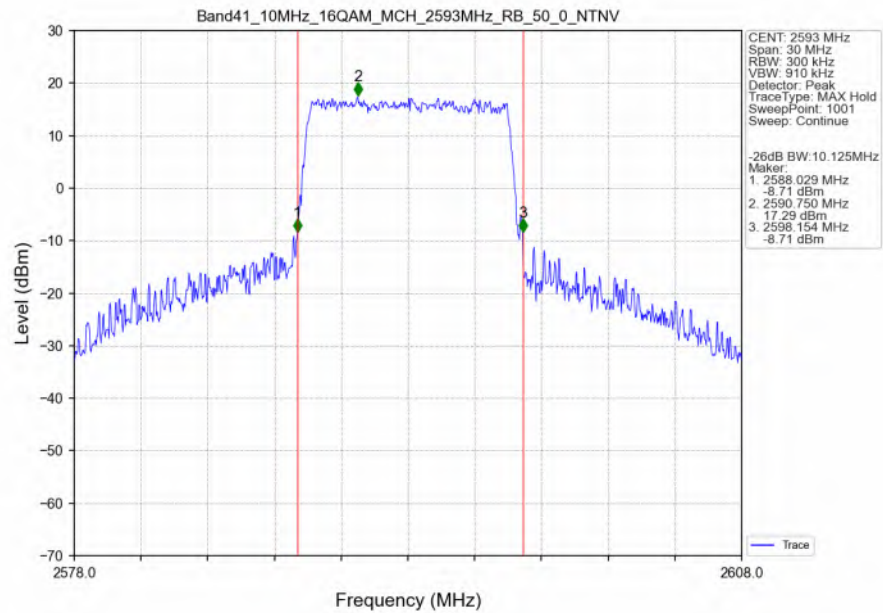
Band41 5MHz 256QAM MCH 2593MHz RB 25 0 NTNV



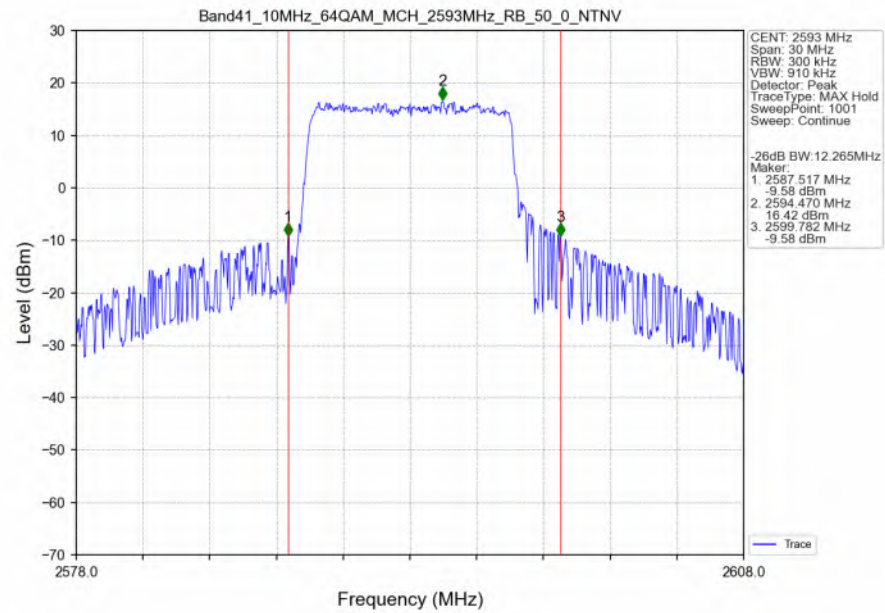
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



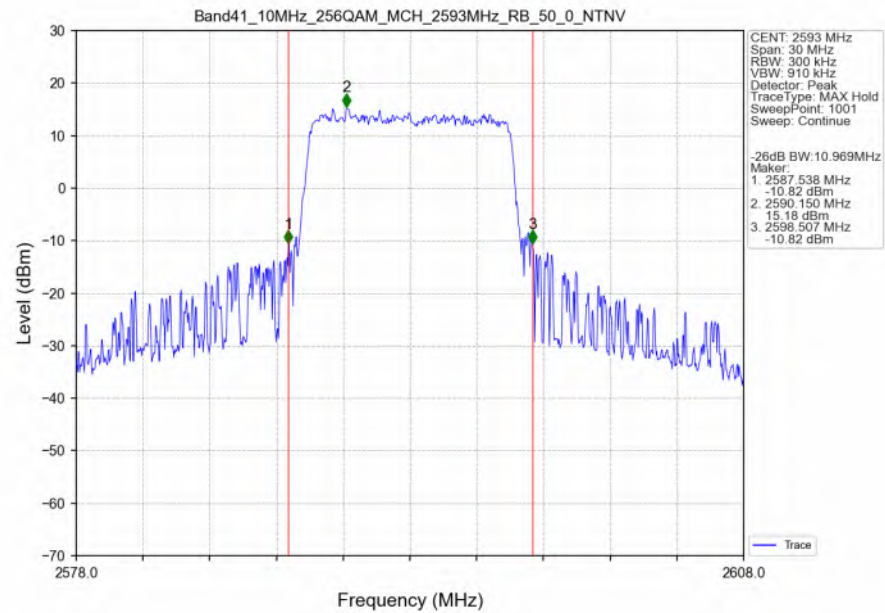
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



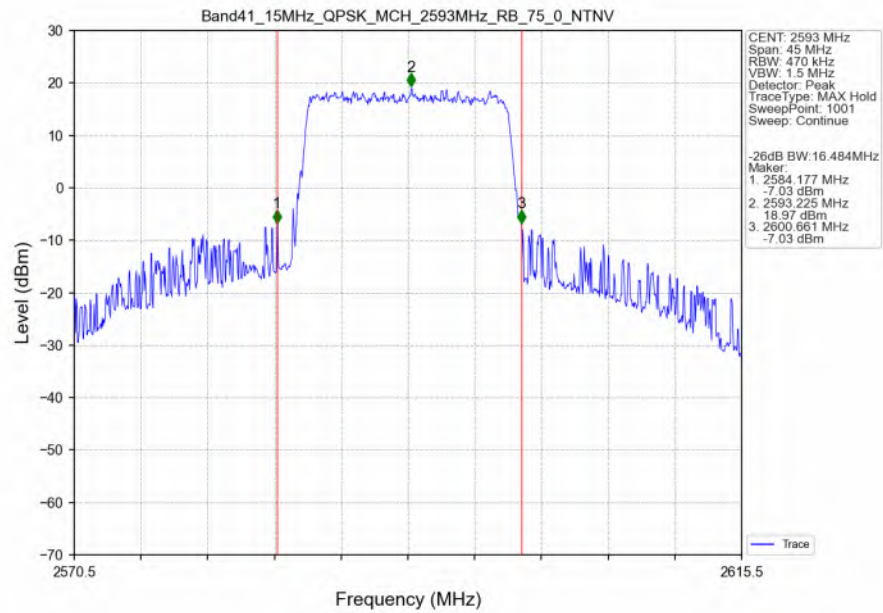
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



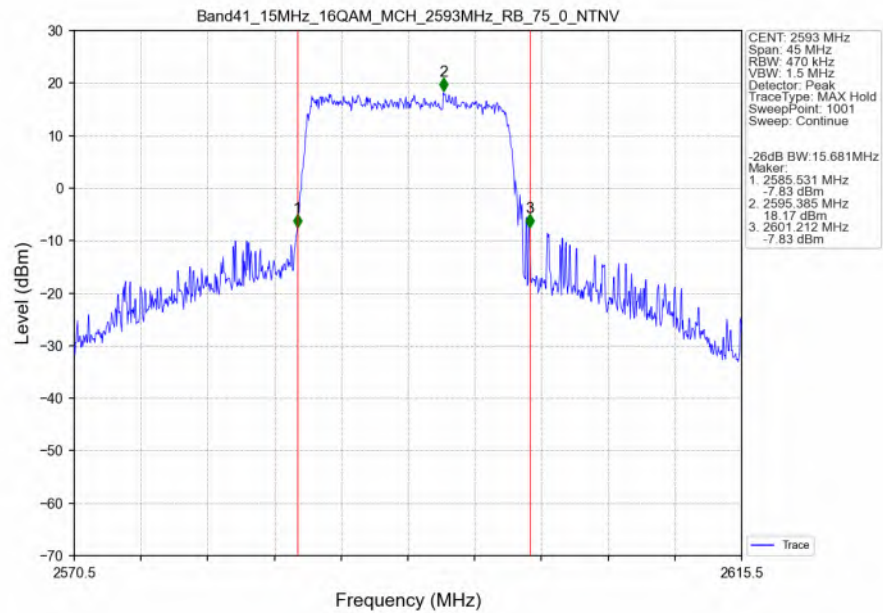
Band41 10MHz 256QAM MCH 2593MHz RB 50 0 NTNV



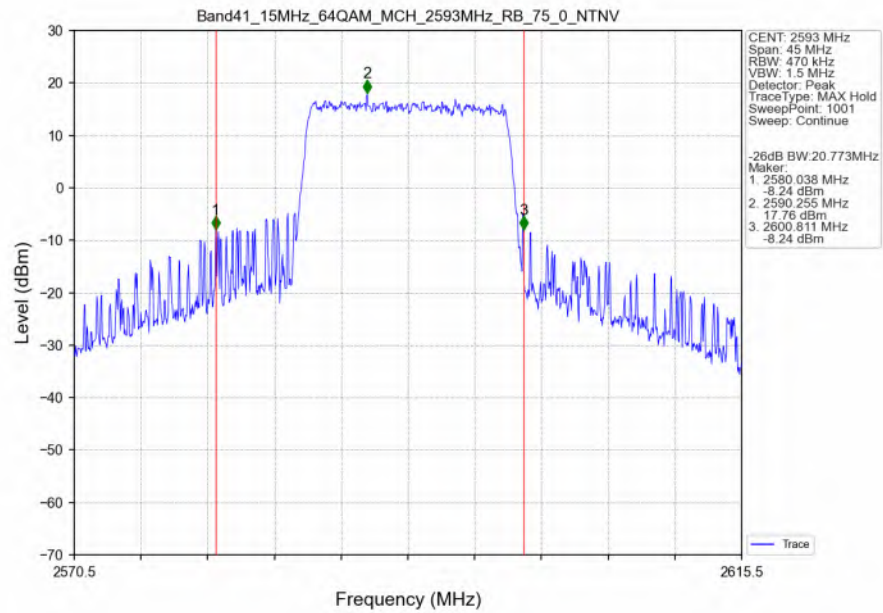
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



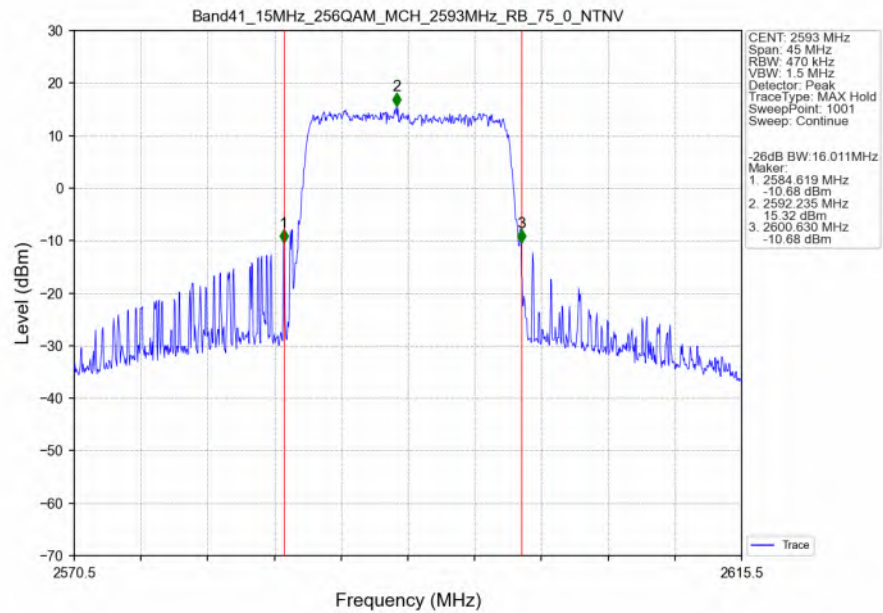
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



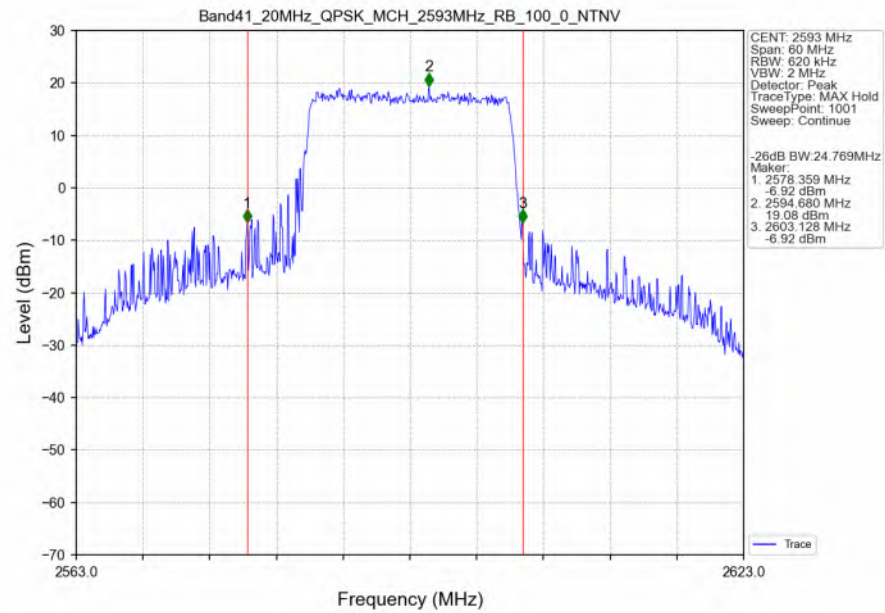
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



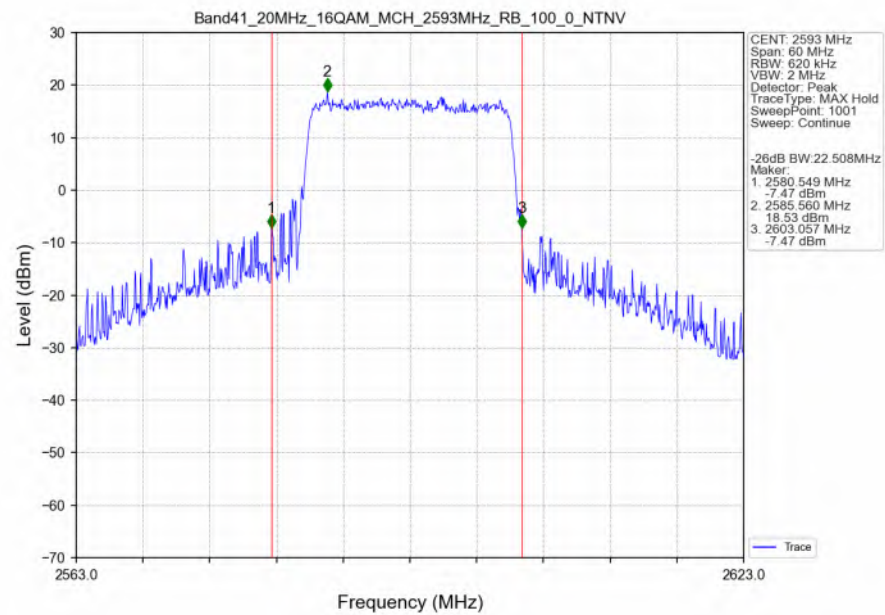
Band41 15MHz 256QAM MCH 2593MHz RB 75 0 NTNV



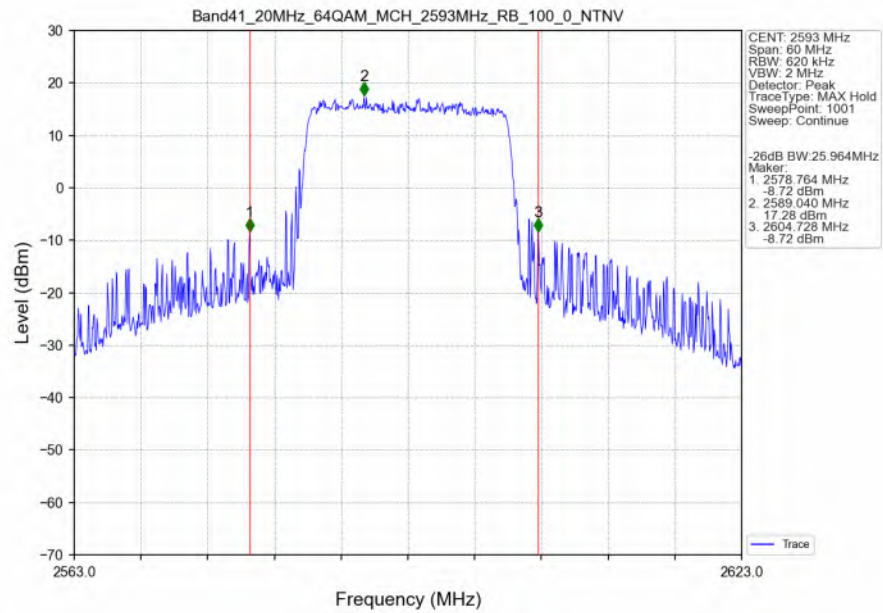
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



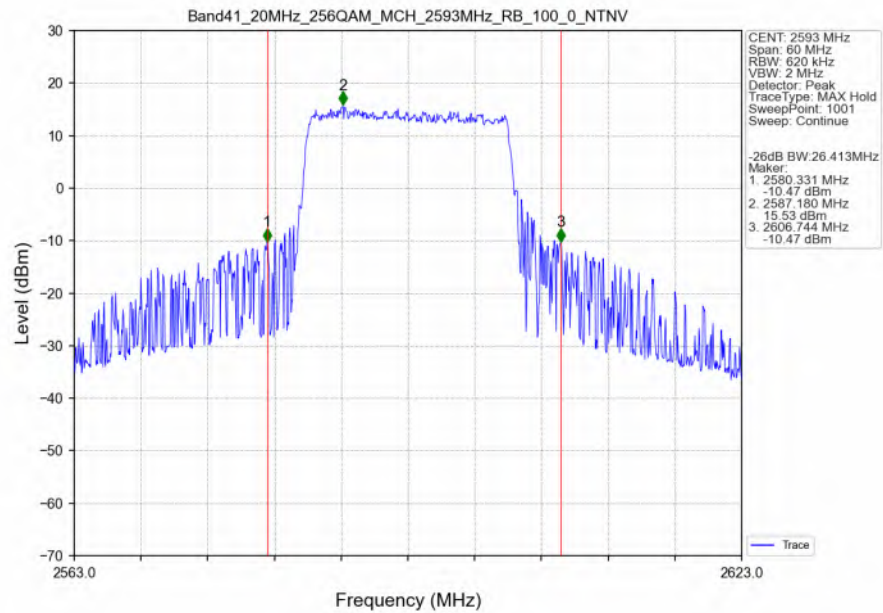
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



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



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



4. Peak-Average Ratio

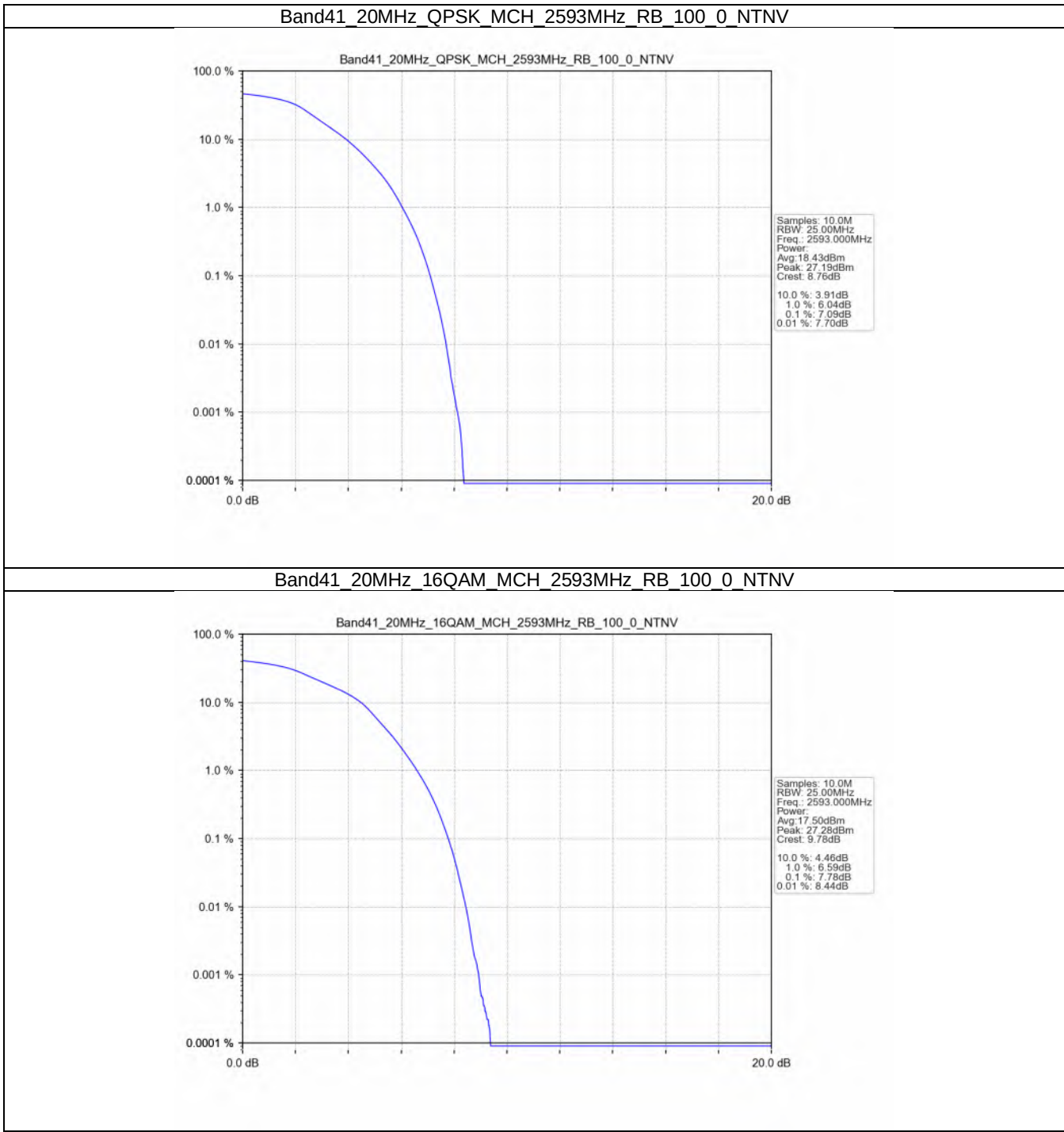
4.1 Test Result

4.1.1 B41_20MHz

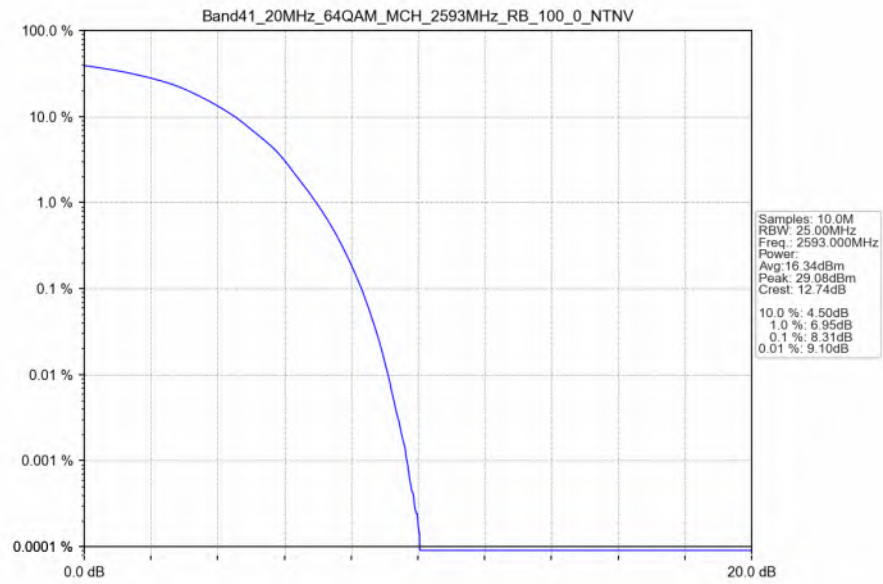
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.09	<=13	Pass
16QAM	2593	100	0	7.78	<=13	Pass
64QAM	2593	100	0	8.31	<=13	Pass
256QAM	2593	100	0	8.72	<=13	Pass

4.2 Test Graph

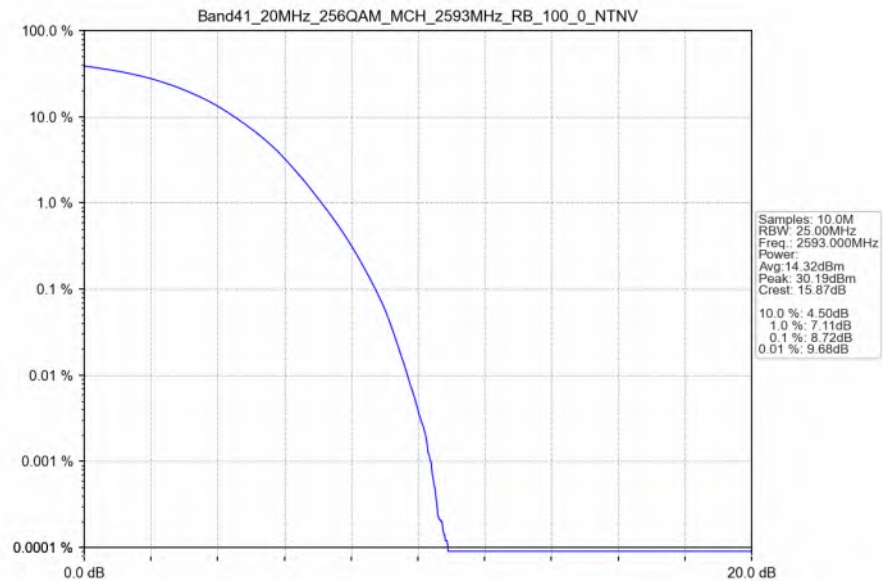
4.2.1 B41_20MHz



Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_256QAM_MCH_2593MHz_RB_100_0_NTNV



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

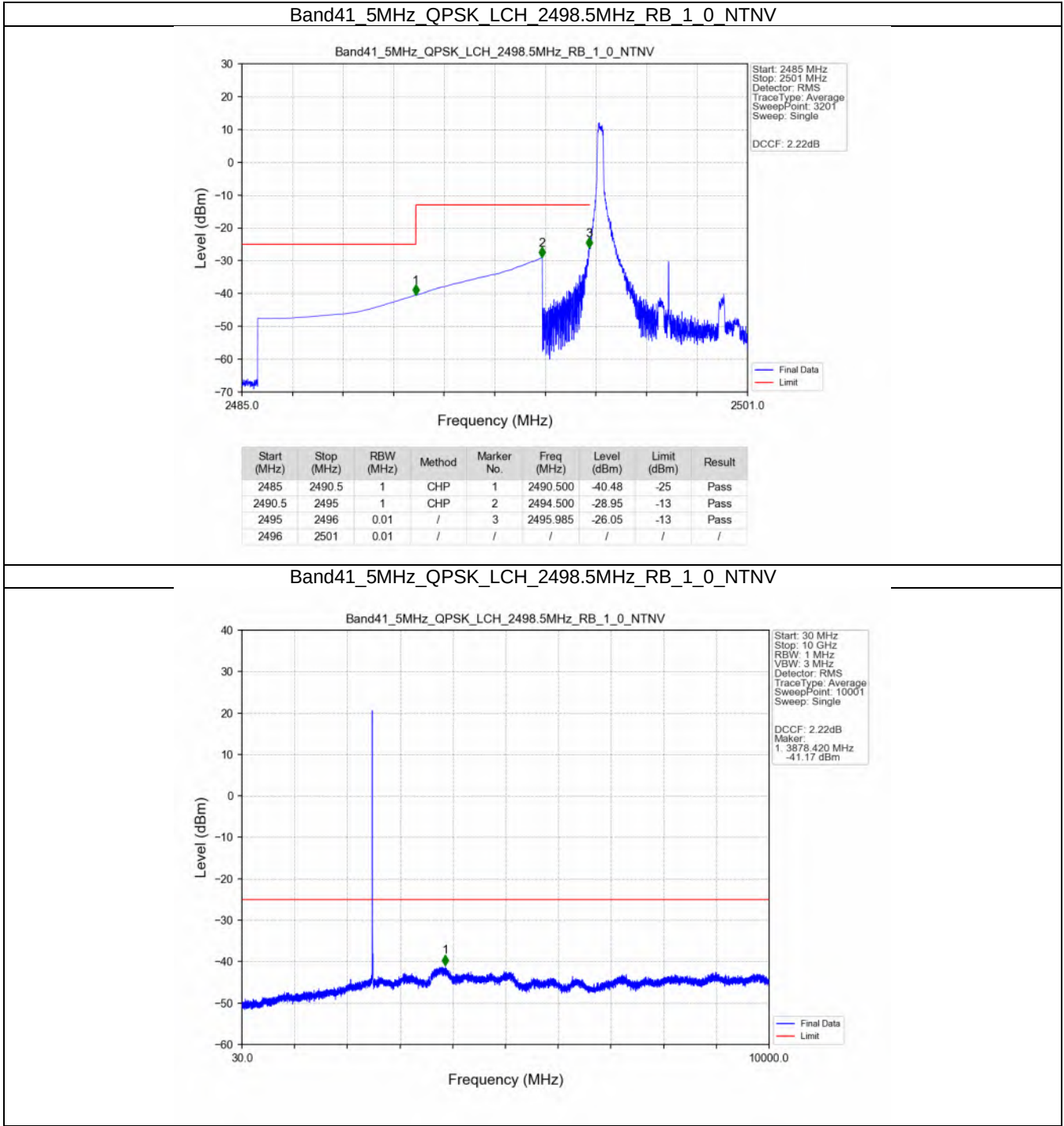
Band: 41 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

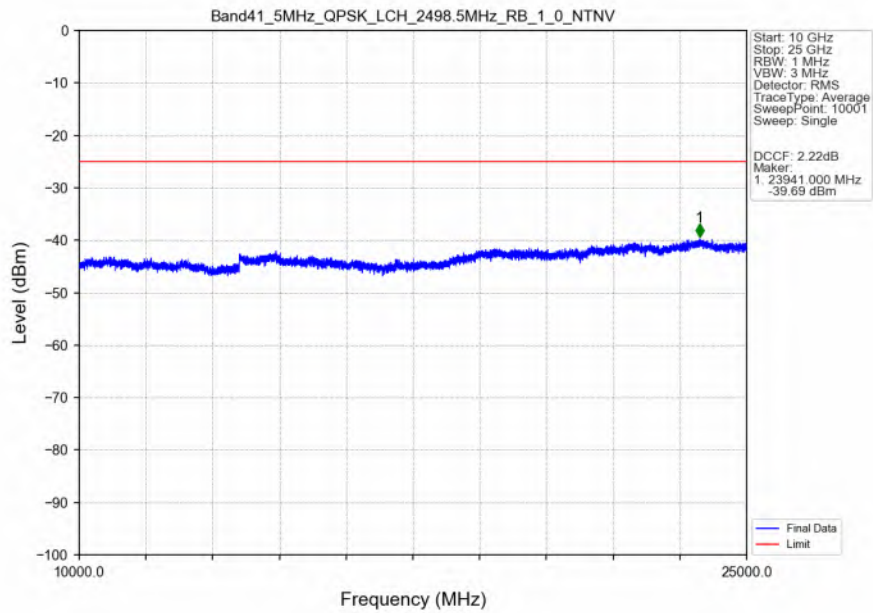
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

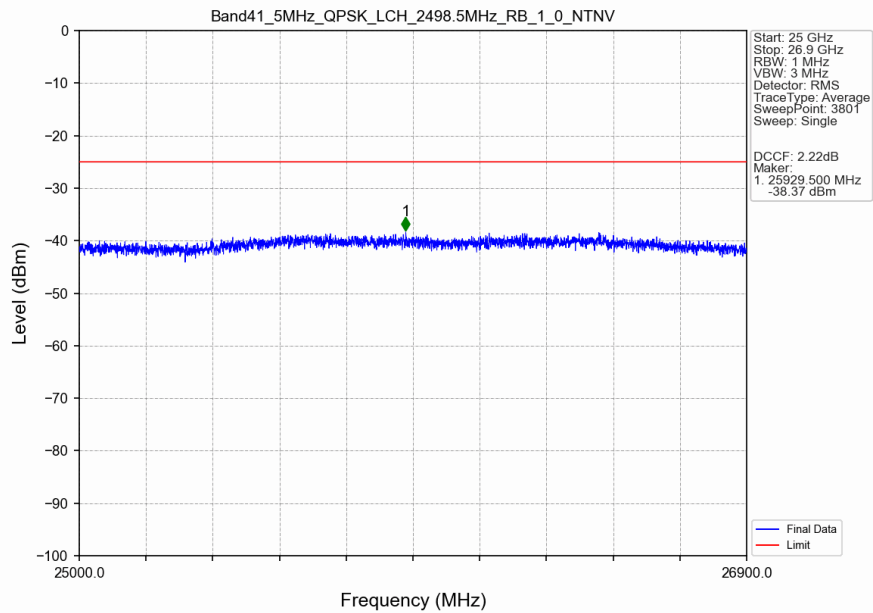
5.2.1 B41_5MHz



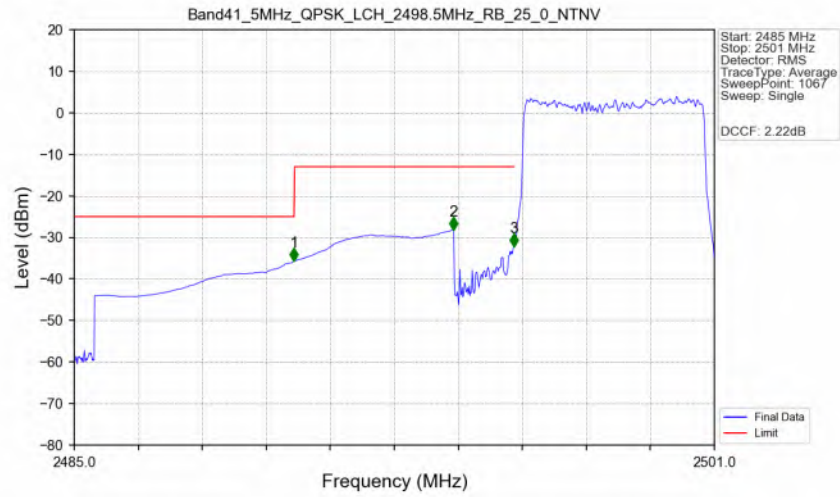
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

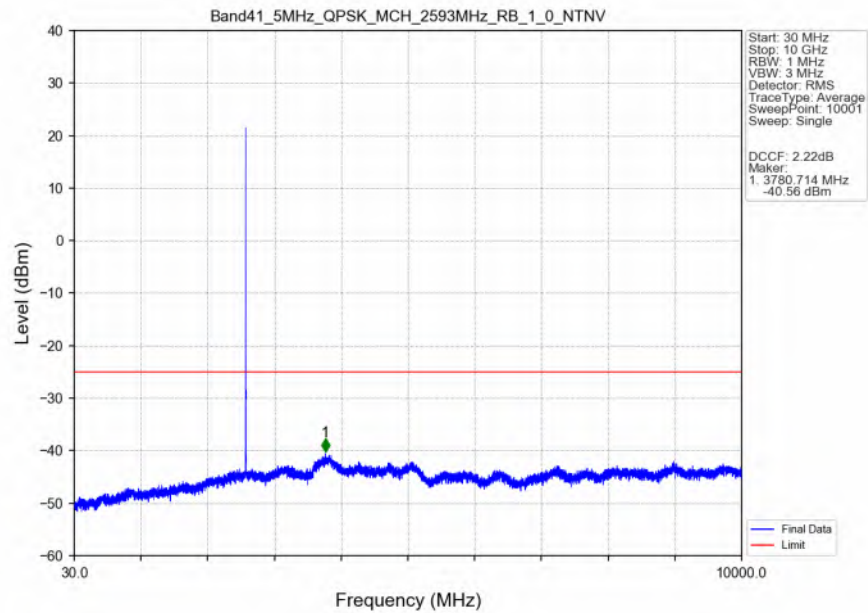


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTN

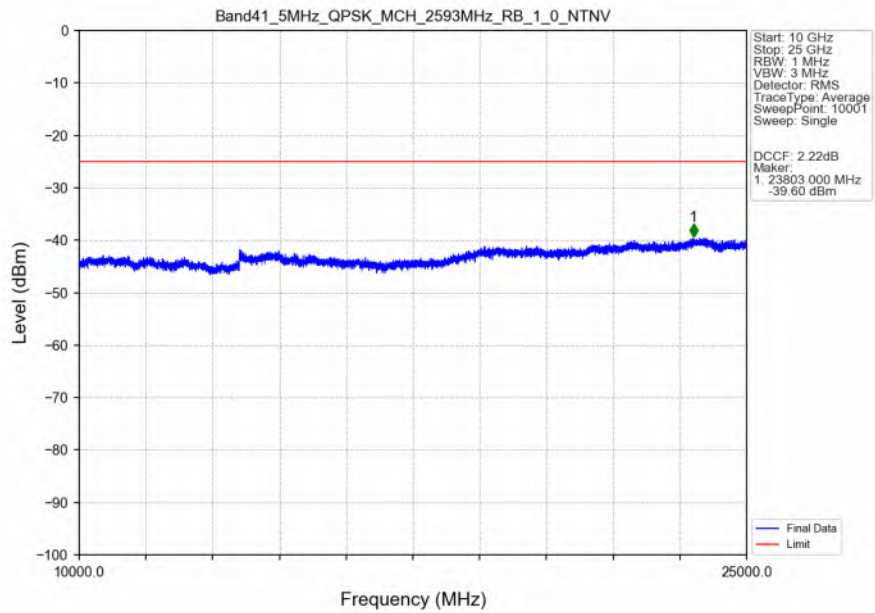


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-35.72	-25	Pass
2490.5	2495	1	CHP	2	2494.471	-28.13	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-32.21	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

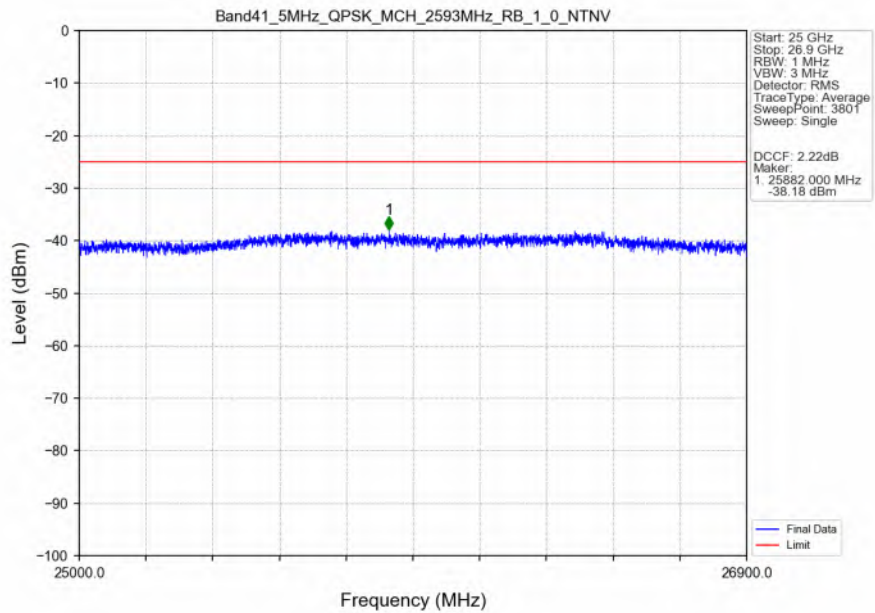
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



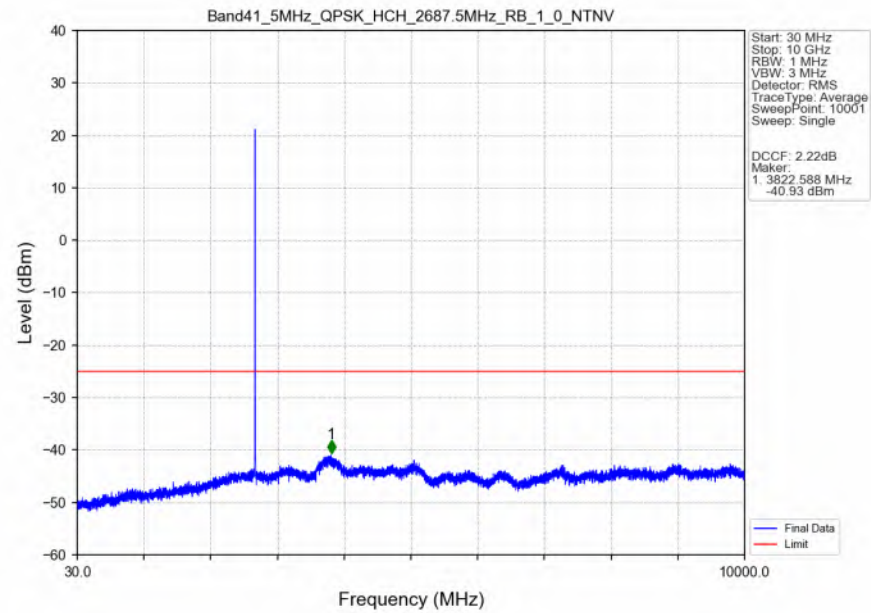
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



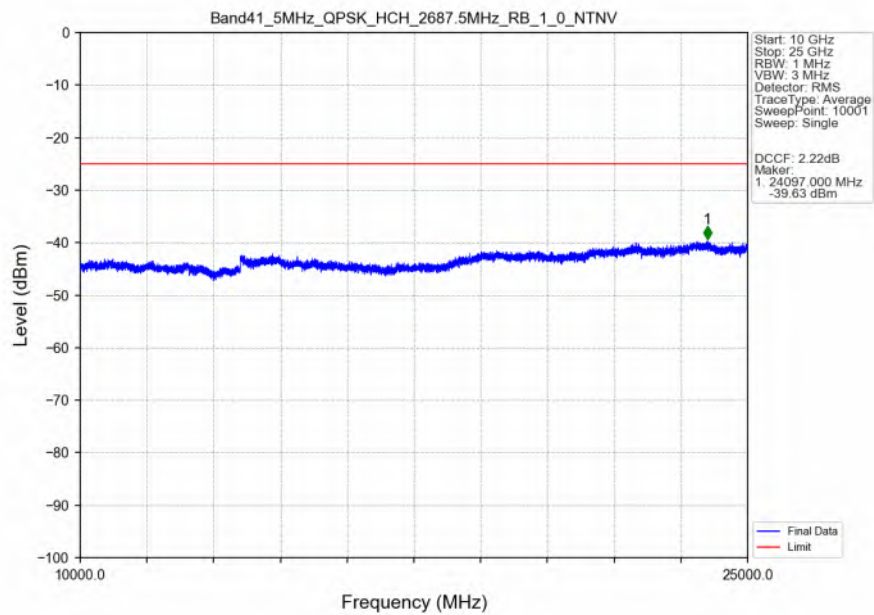
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



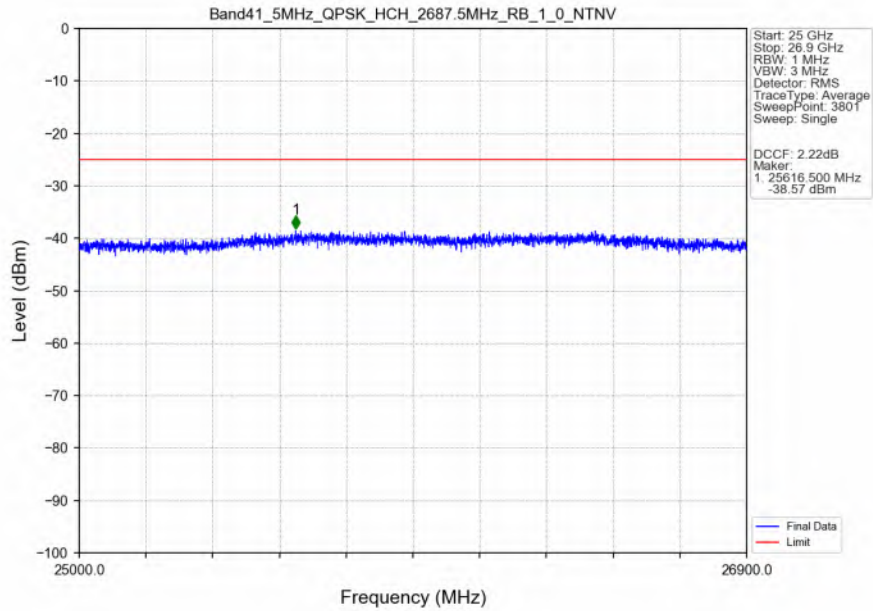
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



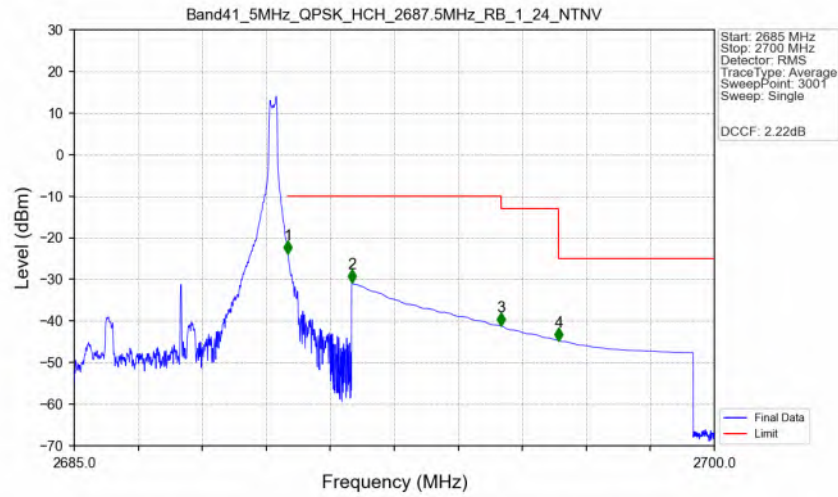
Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

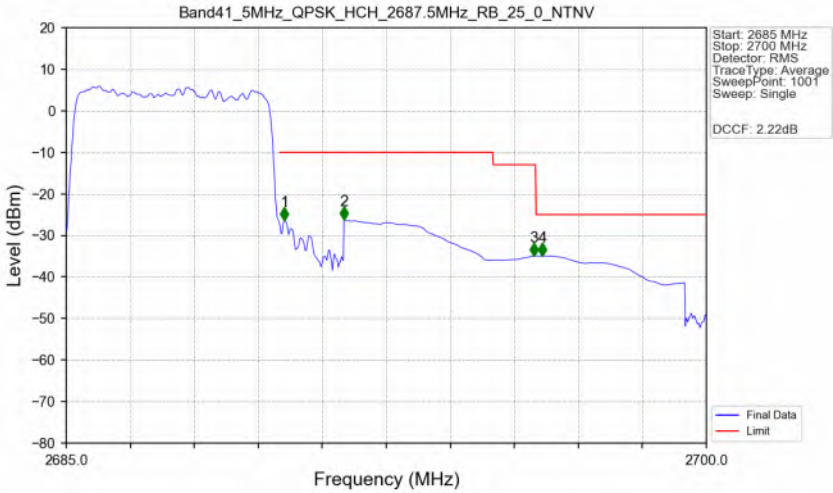


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



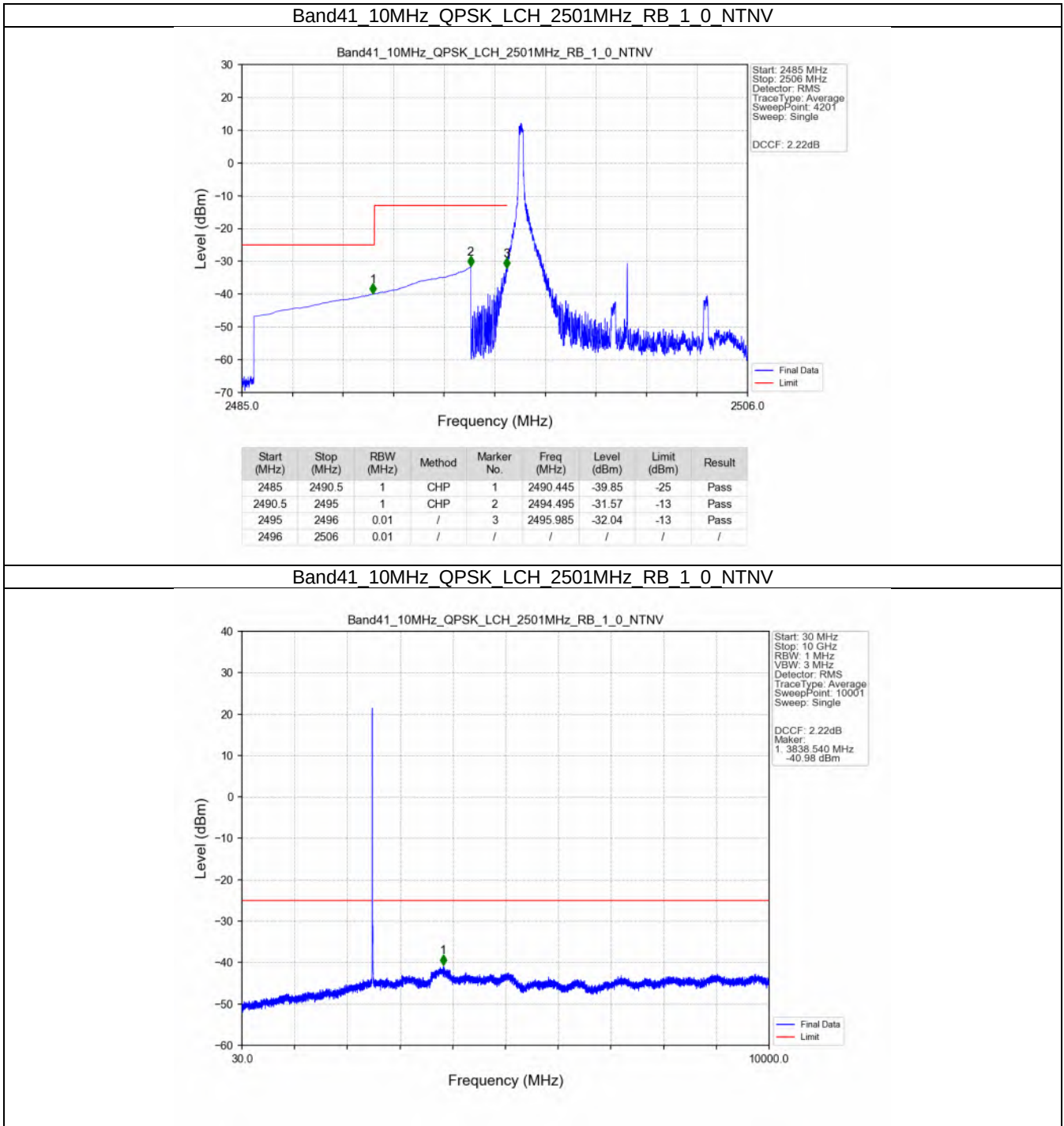
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-23.87	-10	Pass
2691	2695	1	CHP	2	2691.505	-30.86	-10	Pass
2695	2696.347	1	CHP	3	2695.005	-41.19	-13	Pass
2696.347	2700	1	CHP	4	2696.350	-44.76	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV

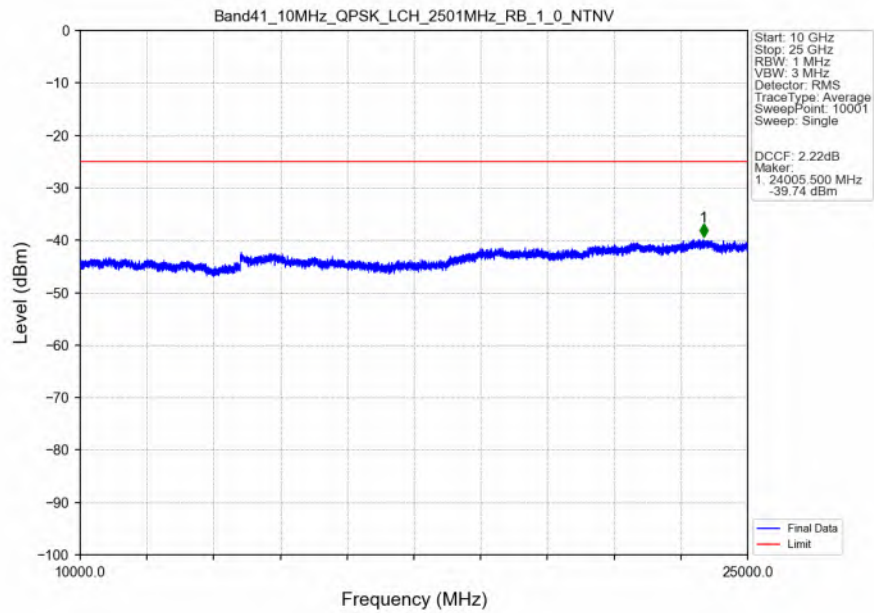


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.115	CHP	/	/	/	/	/
2690	2691	0.115	CHP	1	2690.115	-26.36	-10	Pass
2691	2695	1	CHP	2	2691.510	-26.27	-10	Pass
2695	2696	1	CHP	3	2695.950	-34.97	-13	Pass
2696	2700	1	CHP	4	2696.160	-34.96	-25	Pass

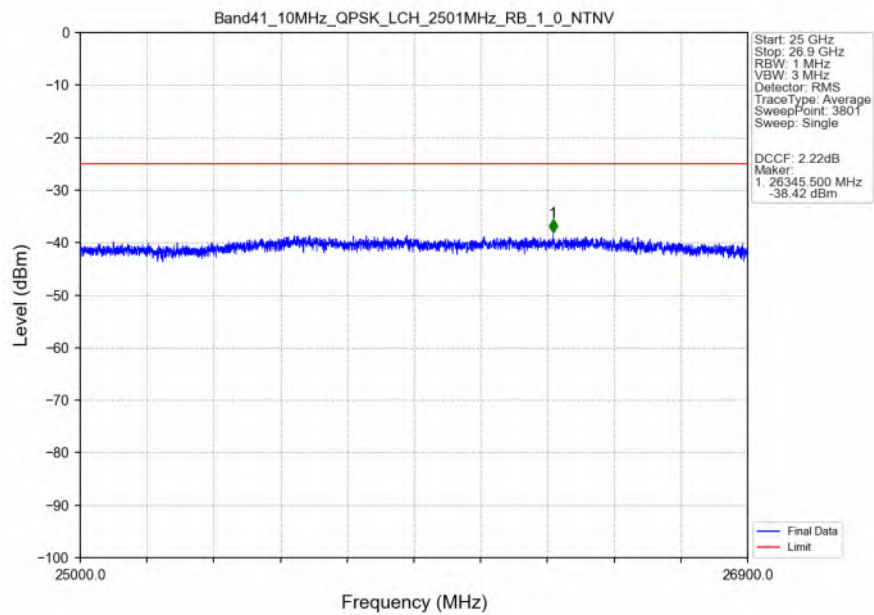
5.2.2 B41_10MHz



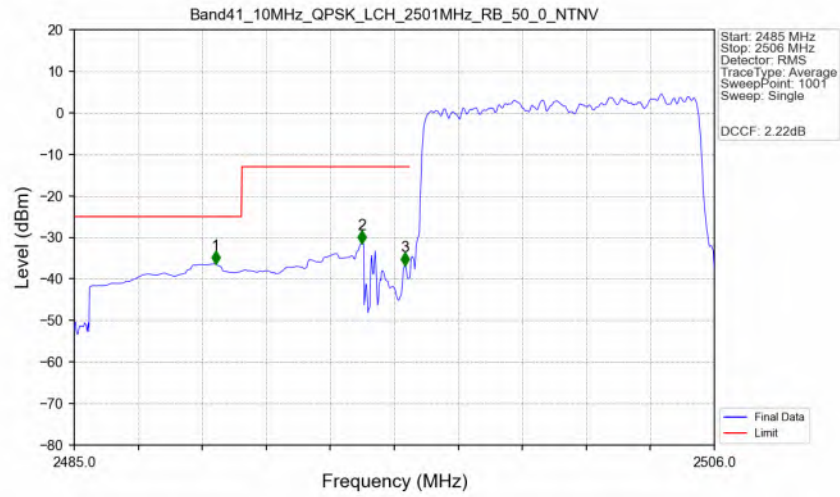
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

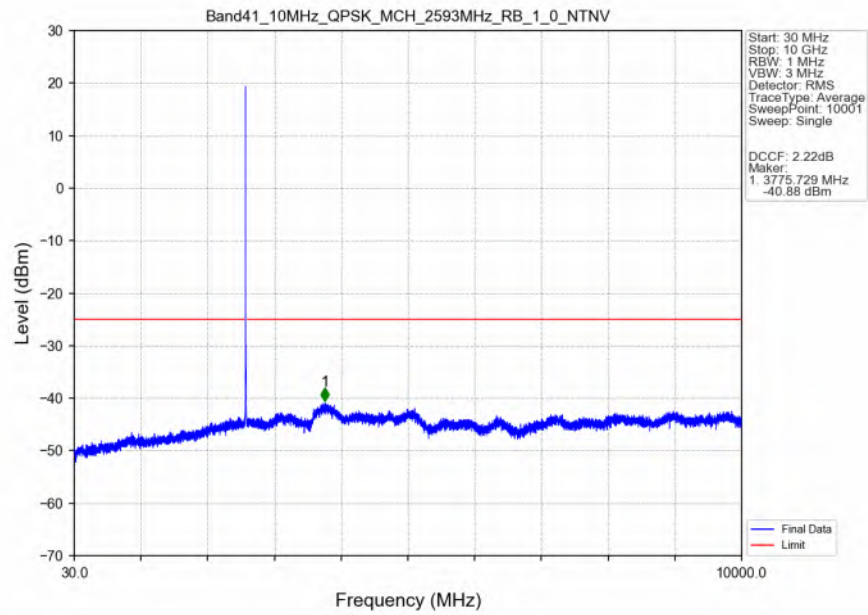


Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV

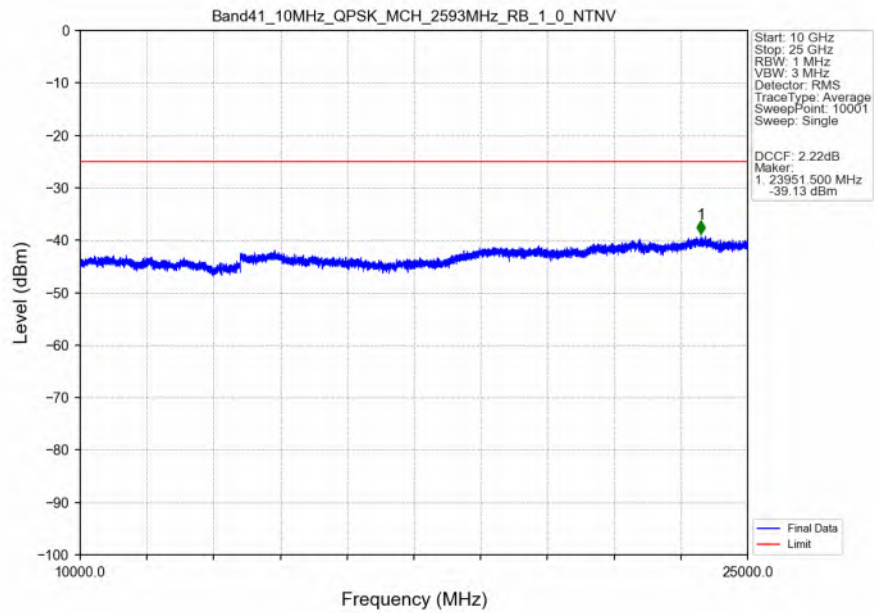


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.641	-36.38	-25	Pass
2490.5	2495	1	CHP	2	2494.429	-13.56	-13	Pass
2495	2496	0.101	CHP	3	2495.857	-36.74	-13	Pass
2496	2506	0.101	CHP	/	/	/	/	/

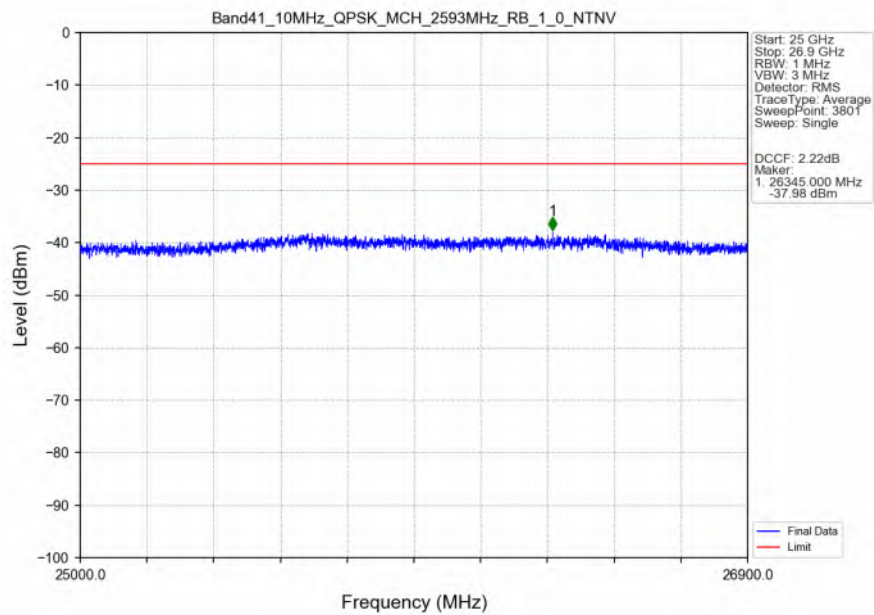
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



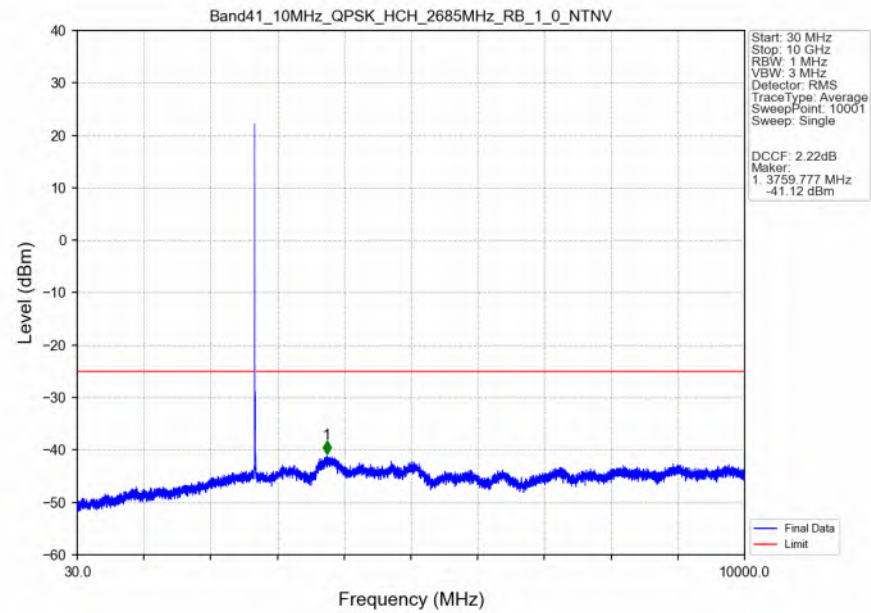
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



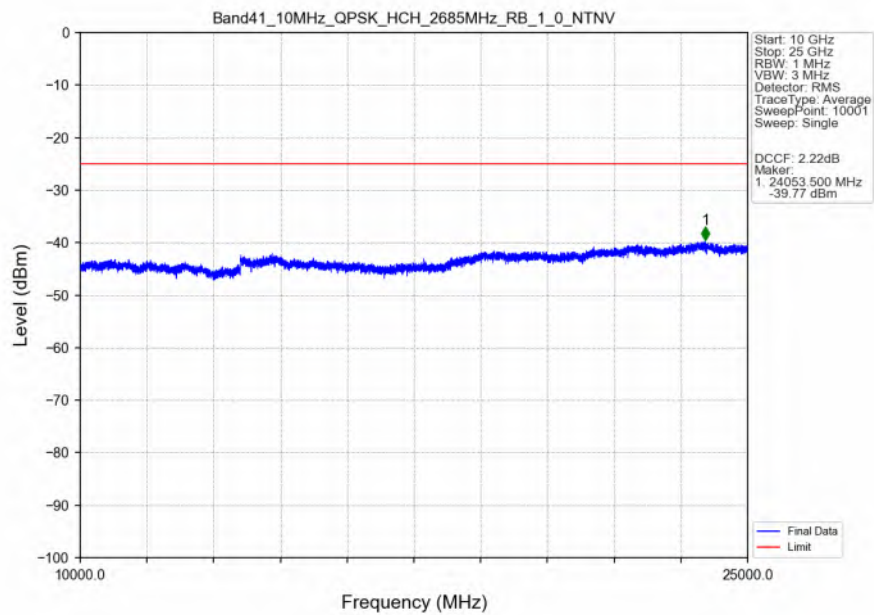
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



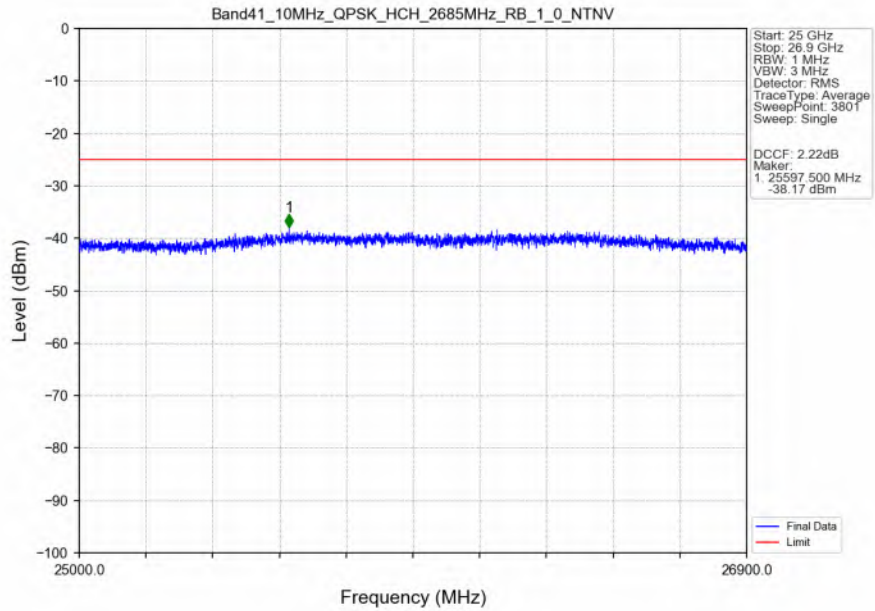
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



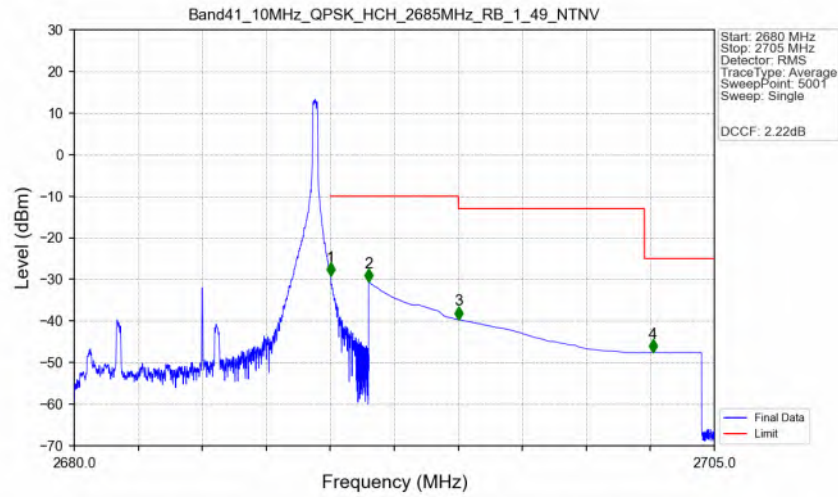
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTV

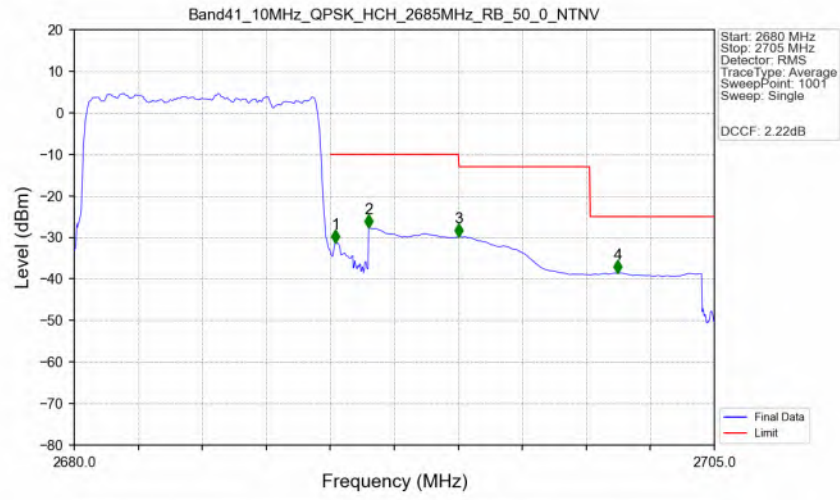


Band41 10MHz QPSK HCH 2685MHz RB 1 49 NTV



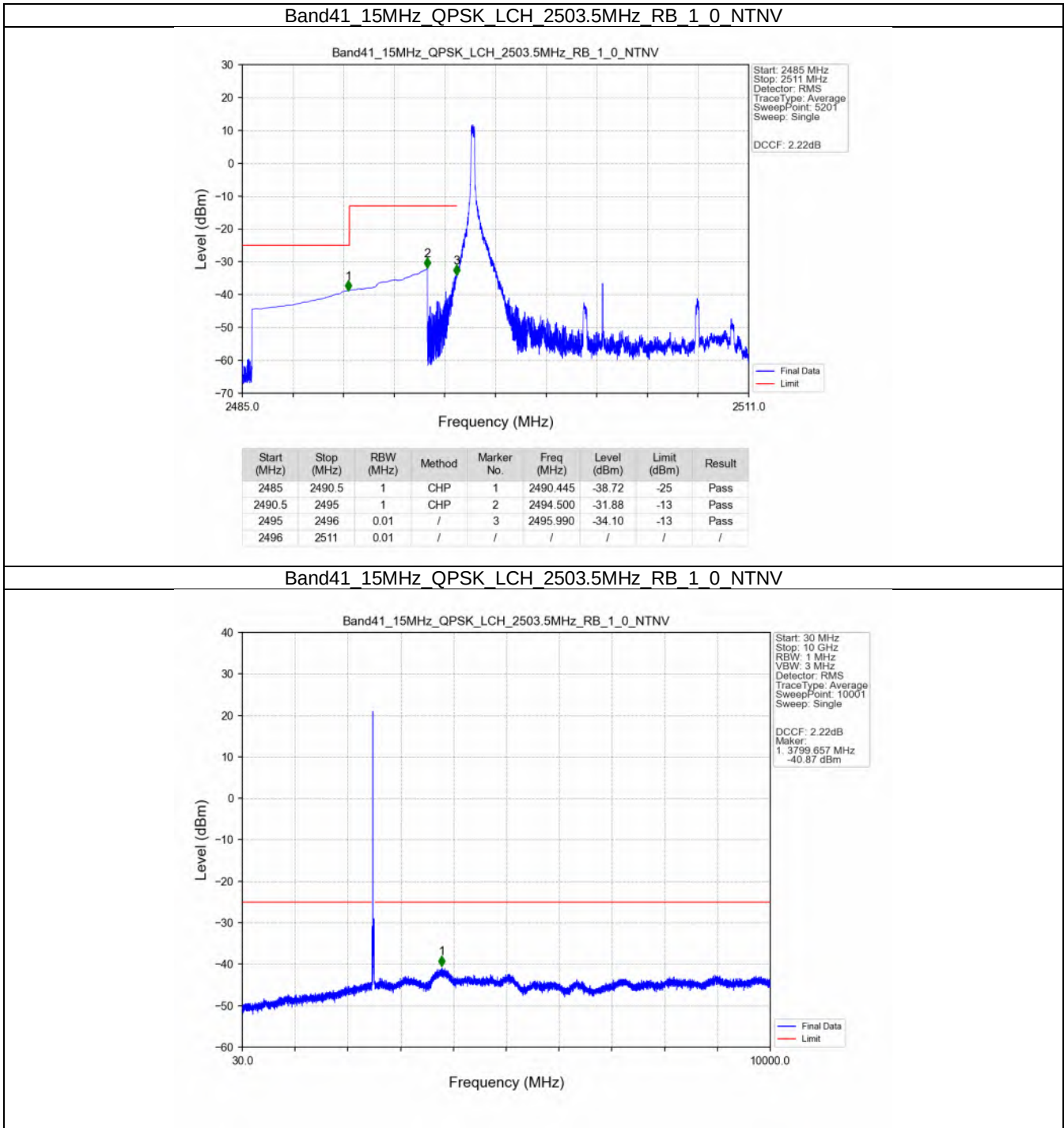
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-29.21	-10	Pass
2691	2695	1	CHP	2	2691.500	-30.62	-10	Pass
2695	2702.265	1	CHP	3	2695.005	-39.62	-13	Pass
2702.265	2705	1	CHP	4	2702.595	-47.52	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

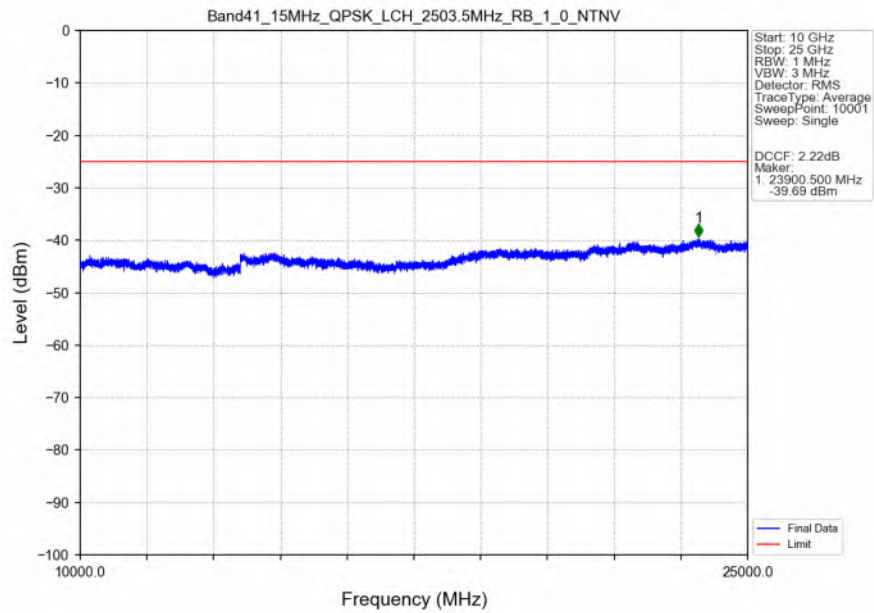


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.203	CHP	/	/	/	/	/
2690	2691	0.203	CHP	1	2690.200	-31.39	-10	Pass
2691	2695	1	CHP	2	2691.500	-27.73	-10	Pass
2695	2700.144	1	CHP	3	2695.025	-29.83	-13	Pass
2700.144	2705	1	CHP	4	2701.225	-38.58	-25	Pass

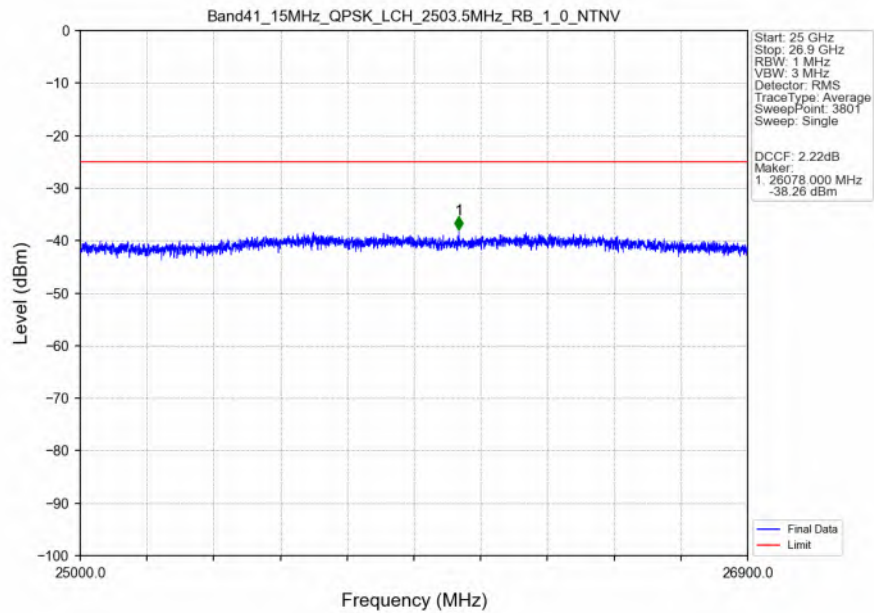
5.2.3 B41_15MHz



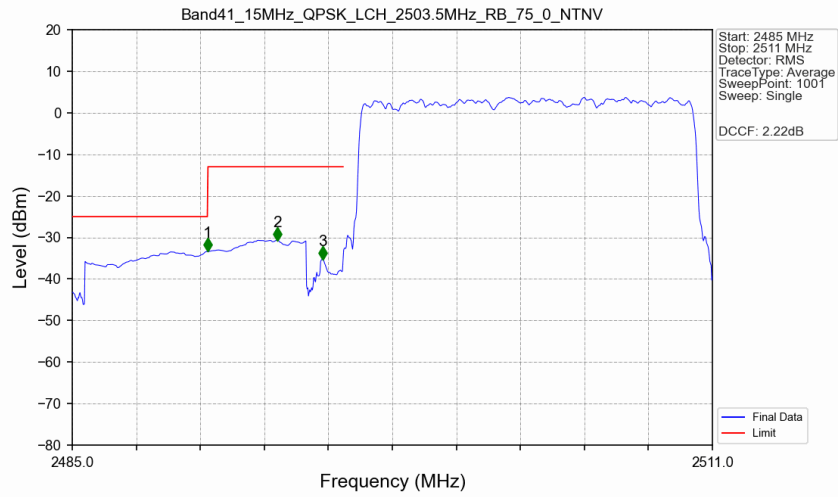
Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV



Band41 15MHz QPSK LCH 2503.5MHz RB 1 0 NTV

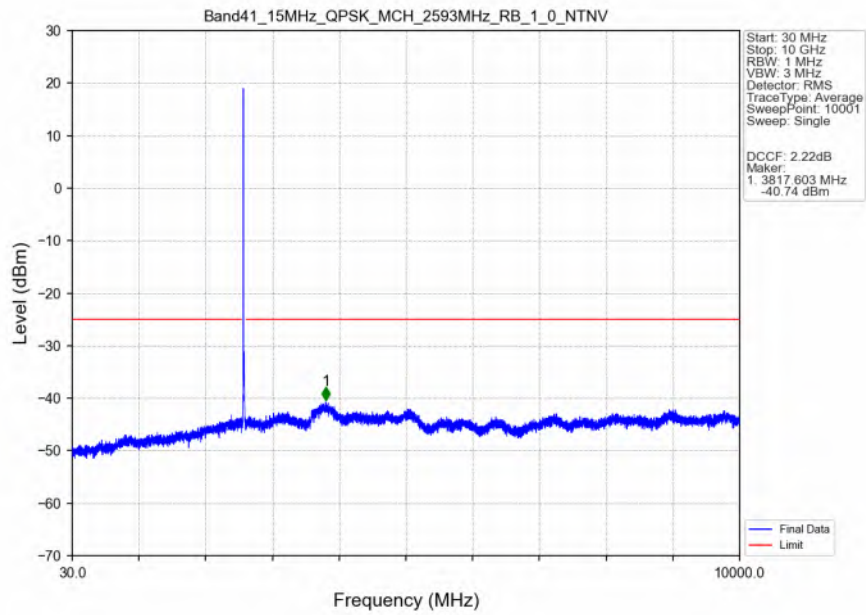


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

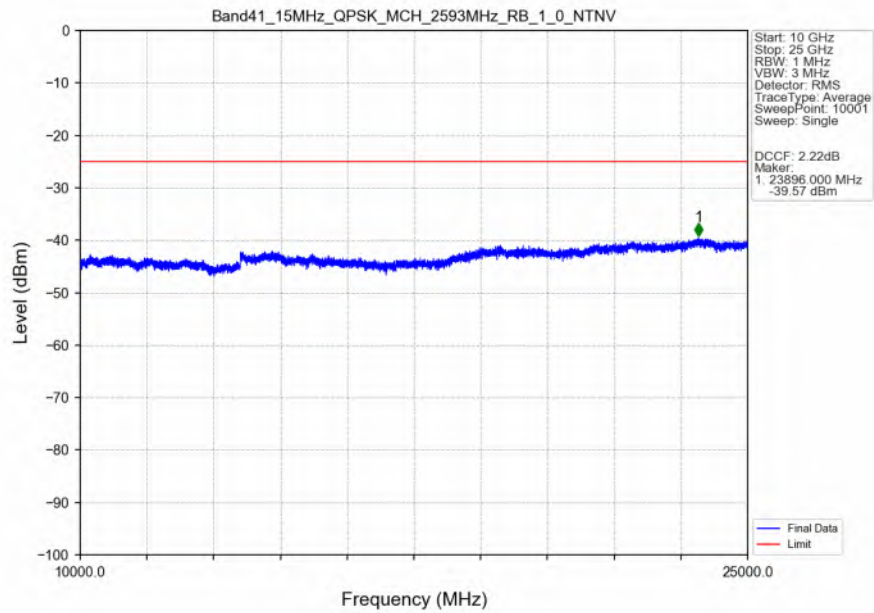


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.486	-33.40	-25	Pass
2490.5	2495	1	CHP	2	2493.320	-30.69	-13	Pass
2495	2496	0.16	CHP	3	2495.166	-35.25	-13	Pass
2496	2511	0.16	CHP	/	/	/	/	/

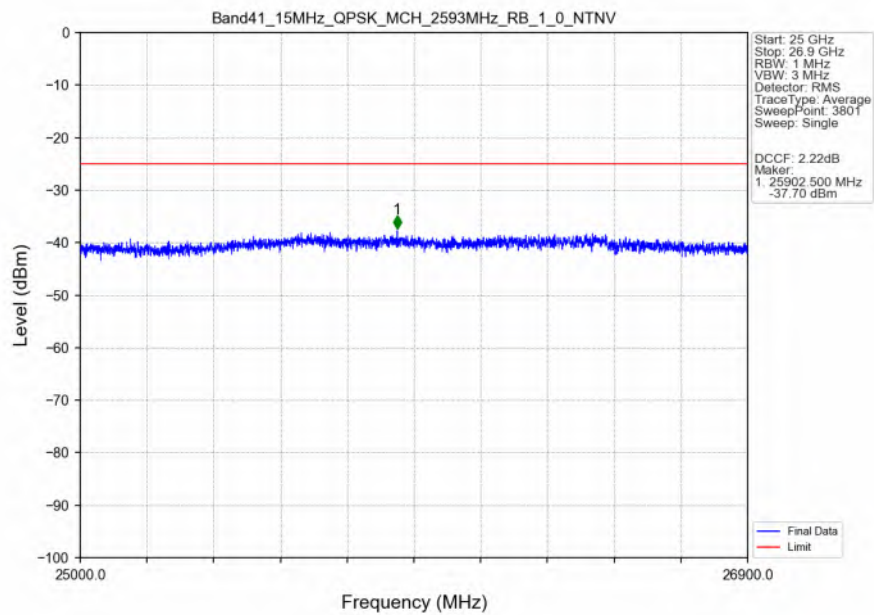
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



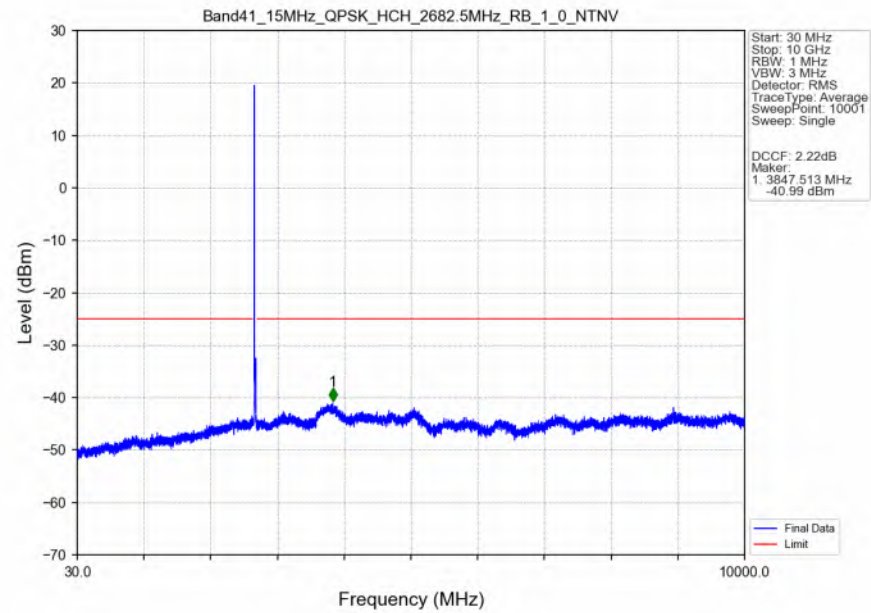
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



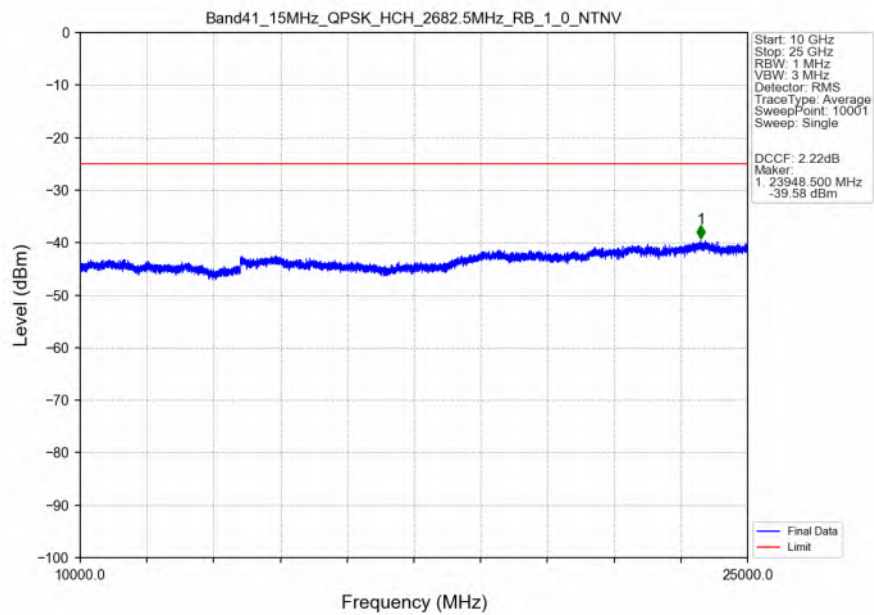
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



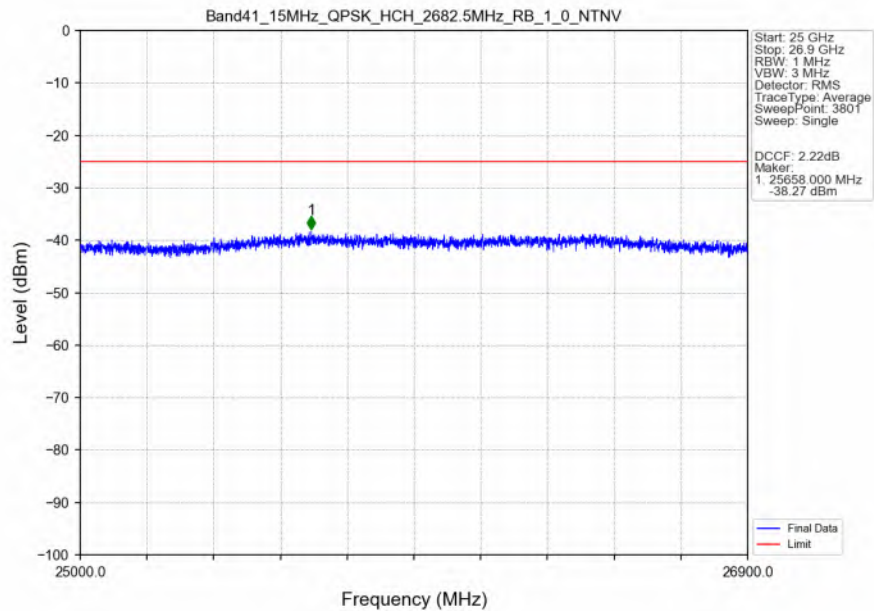
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



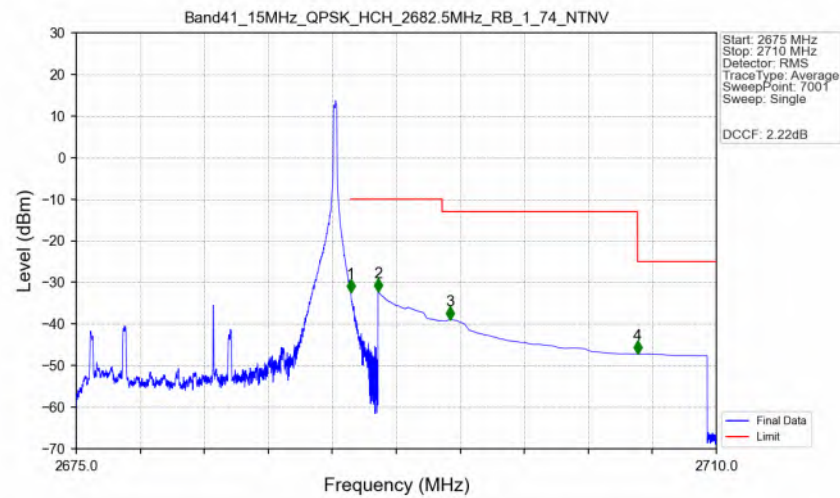
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

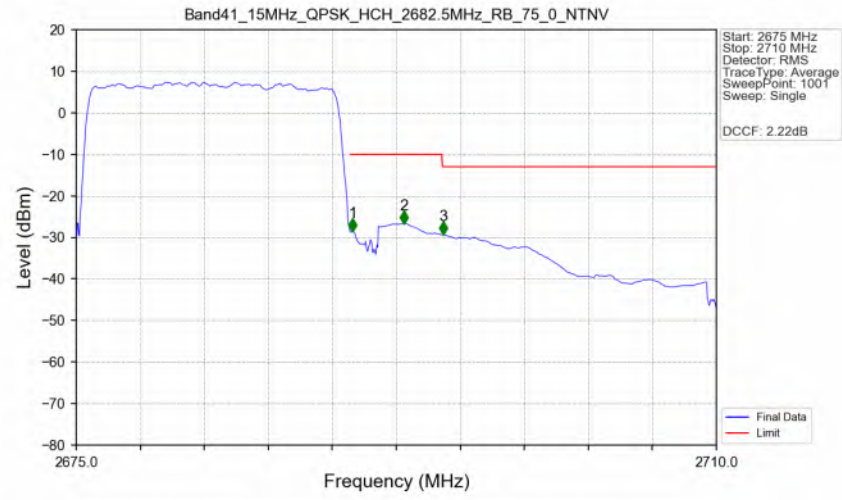


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



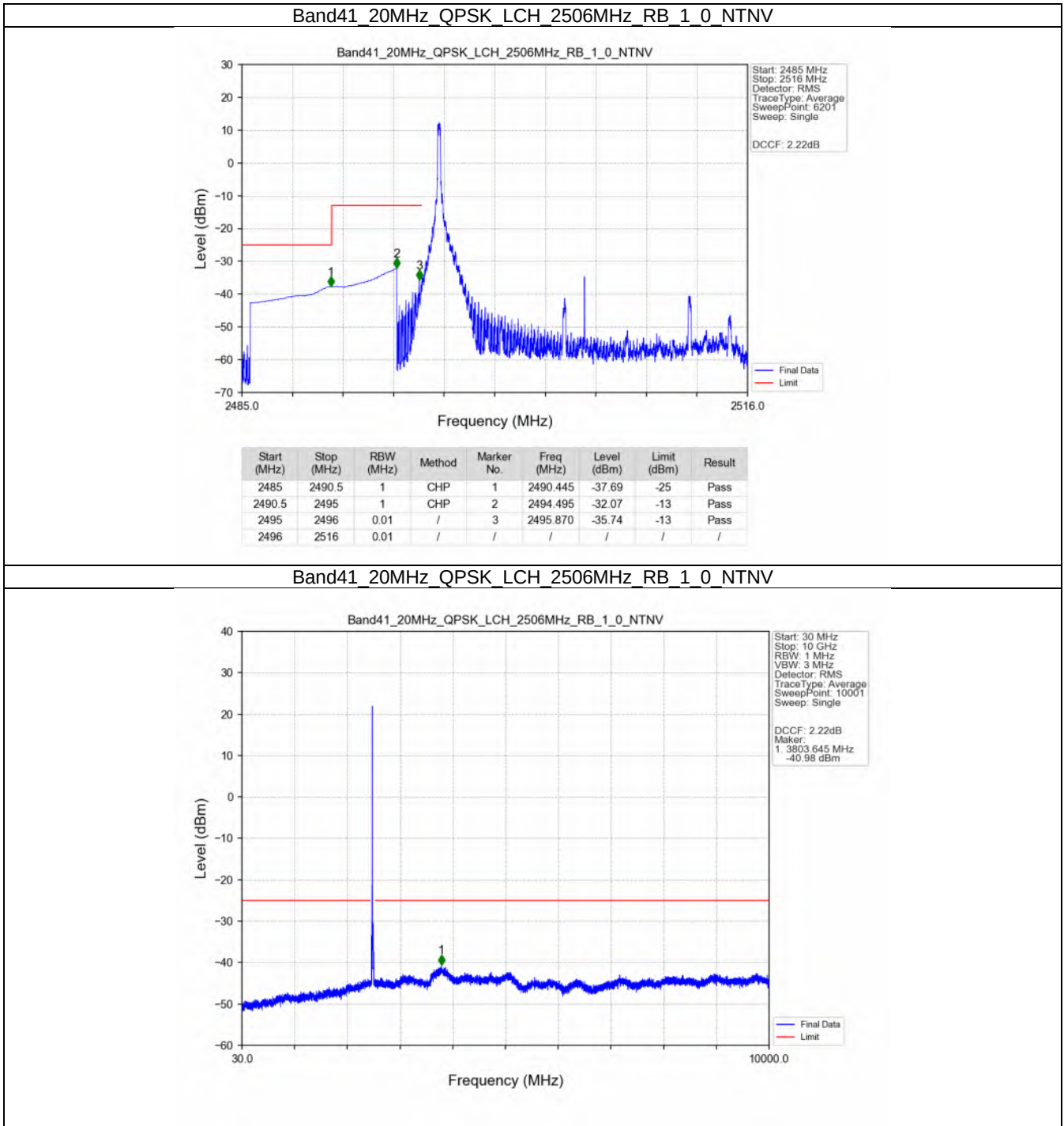
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-32.47	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.23	-10	Pass
2695	2705.681	1	CHP	3	2695.440	-38.90	-13	Pass
2705.681	2710	1	CHP	4	2705.685	-47.23	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTV

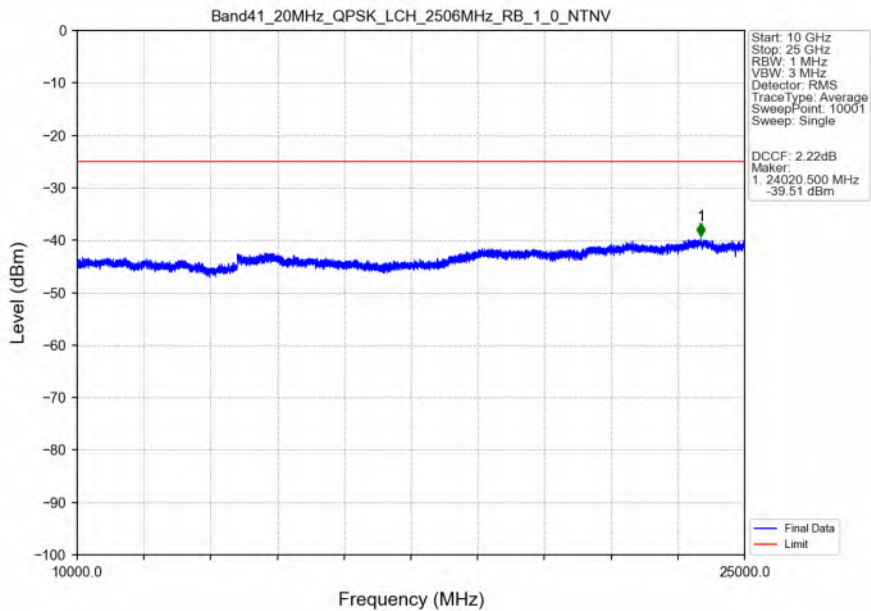


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.415	CHP	/	/	/	/	/
2690	2691	0.415	CHP	1	2690.120	-28.64	-10	Pass
2691	2695	1	CHP	2	2692.920	-26.68	-10	Pass
2695	2710	1	CHP	3	2695.055	-29.36	-13	Pass

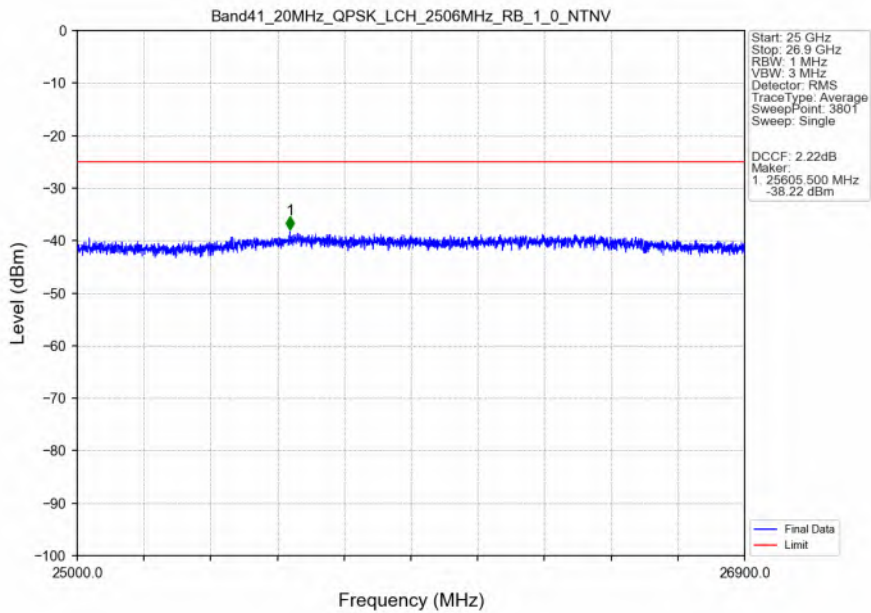
5.2.4 B41_20MHz



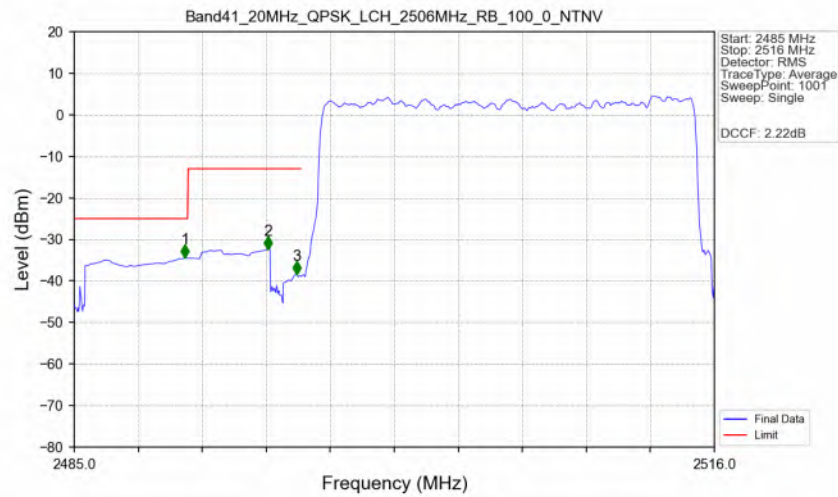
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

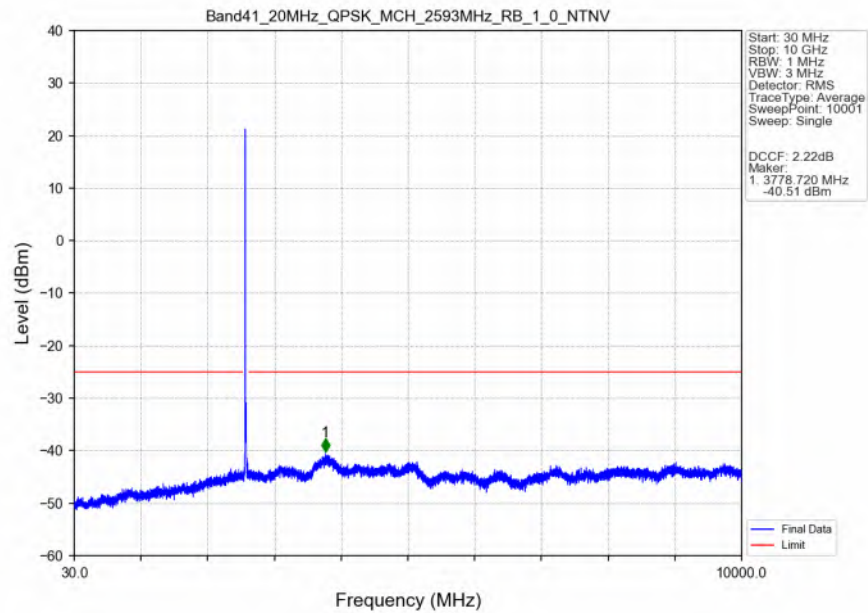


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

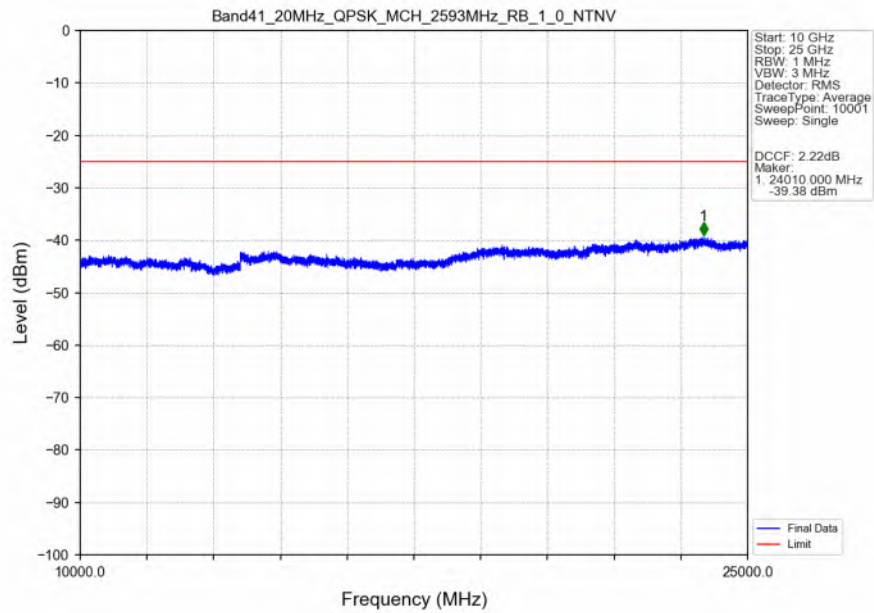


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.363	-34.48	-25	Pass
2490.5	2495	1	CHP	2	2494.393	-32.33	-13	Pass
2495	2496	0.248	CHP	3	2495.757	-38.40	-13	Pass
2496	2516	0.248	CHP	/	/	/	/	/

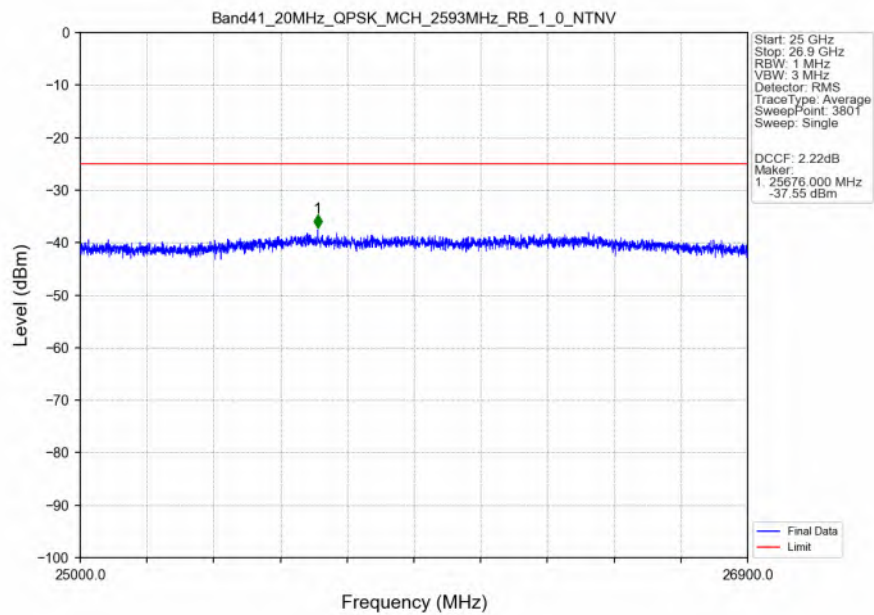
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



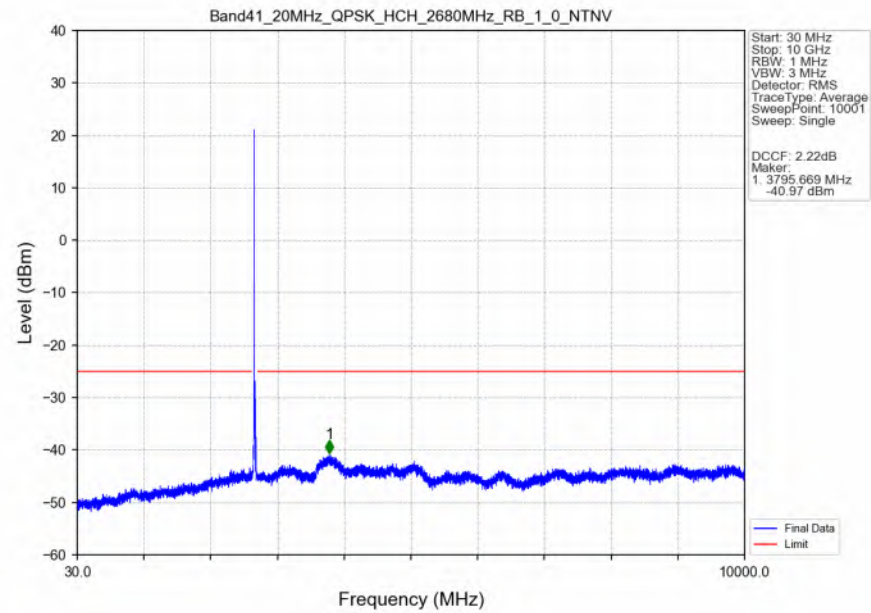
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



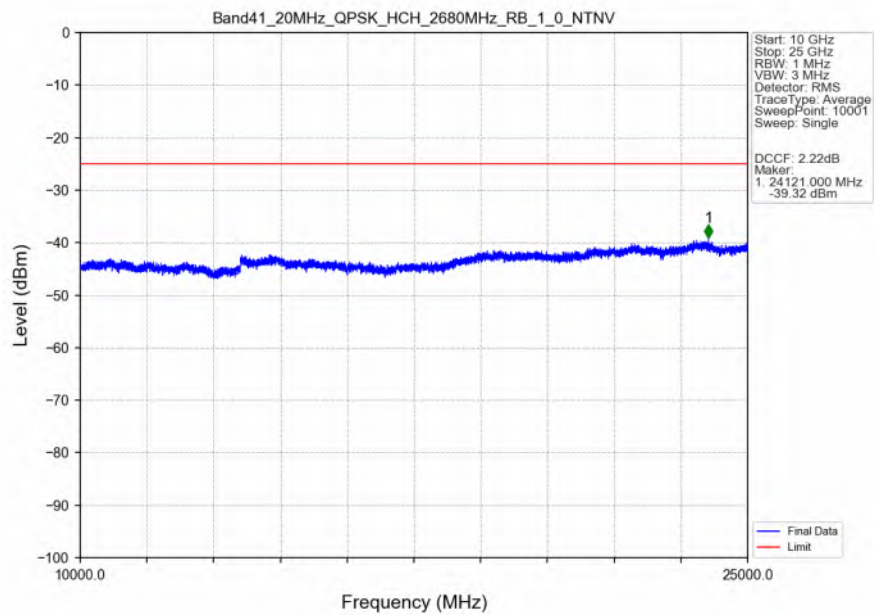
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



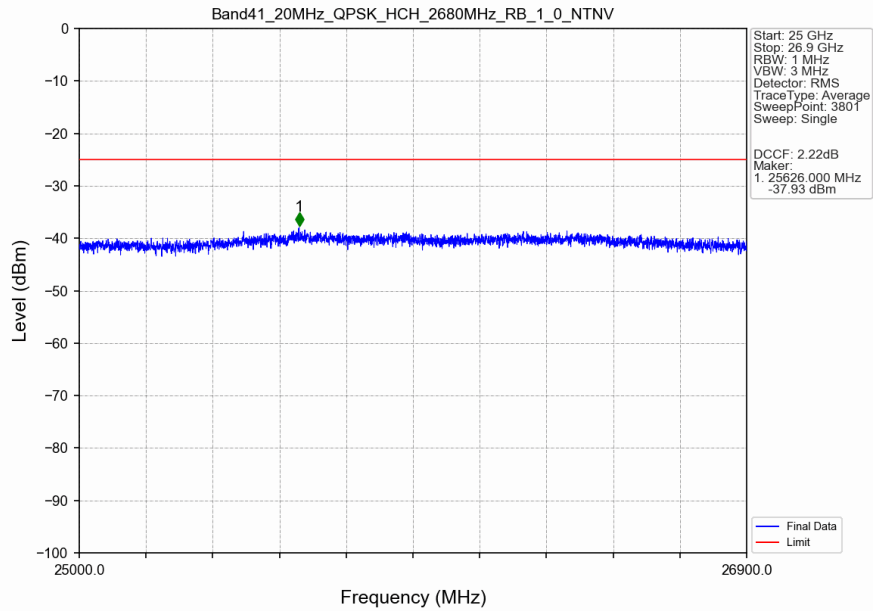
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



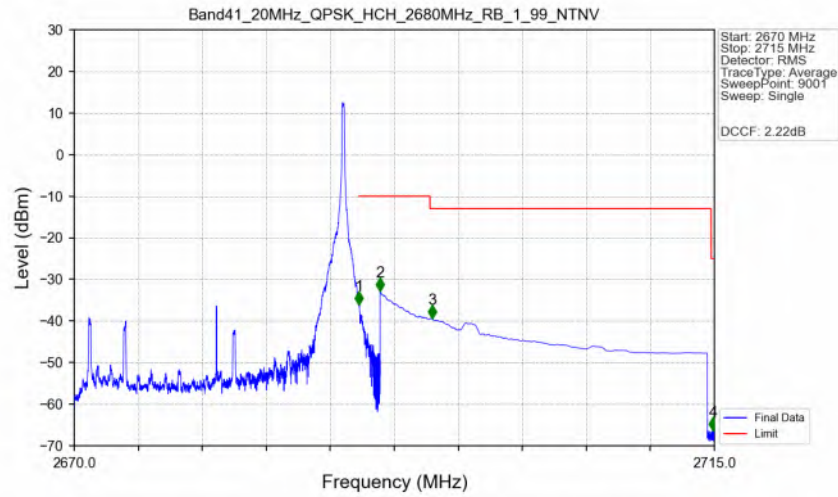
Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTV

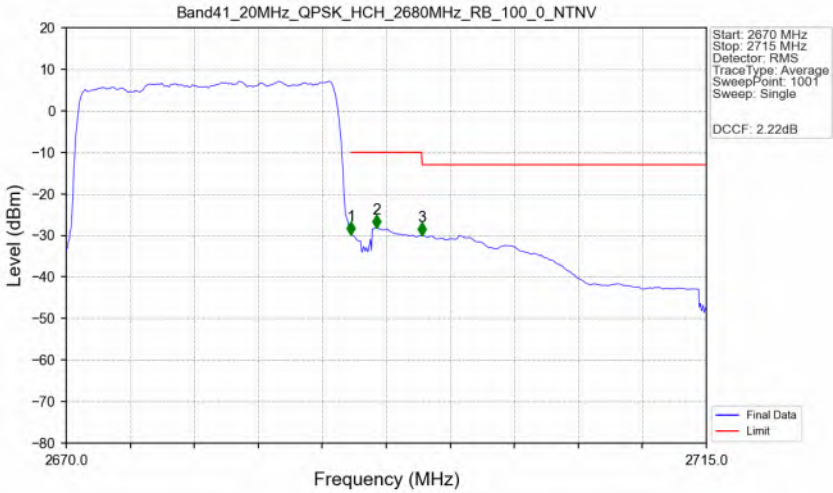


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTV



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	2690.010	-36.08	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.80	-10	Pass
2695	2714.769	1	CHP	3	2695.140	-39.39	-13	Pass
2714.769	2715	1	CHP	4	2714.900	-66.24	-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	0.528	CHP	/	/	/	/	/
2690	2691	0.528	CHP	1	2690.025	-29.79	-10	Pass
2691	2695	1	CHP	2	2691.825	-28.21	-10	Pass
2695	2715	1	CHP	3	2695.020	-30.07	-13	Pass