

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	22.08	0.83	22.91	<=33.01	Pass
			13	21.97	0.83	22.80	<=33.01	Pass
			24	22.06	0.83	22.89	<=33.01	Pass
		12	0	20.92	0.83	21.75	<=33.01	Pass
			6	21.00	0.83	21.83	<=33.01	Pass
			13	21.13	0.83	21.96	<=33.01	Pass
		25	0	20.95	0.83	21.78	<=33.01	Pass
	2593	1	0	22.69	0.83	23.52	<=33.01	Pass
			13	22.55	0.83	23.38	<=33.01	Pass
			24	22.84	0.83	23.67	<=33.01	Pass
		12	0	21.49	0.83	22.32	<=33.01	Pass
			6	21.66	0.83	22.49	<=33.01	Pass
			13	21.61	0.83	22.44	<=33.01	Pass
		25	0	21.85	0.83	22.68	<=33.01	Pass
	2687.5	1	0	23.05	0.83	23.88	<=33.01	Pass
			13	23.07	0.83	23.90	<=33.01	Pass
			24	23.30	0.83	24.13	<=33.01	Pass
		12	0	22.02	0.83	22.85	<=33.01	Pass
			6	22.05	0.83	22.88	<=33.01	Pass
			13	22.03	0.83	22.86	<=33.01	Pass
		25	0	22.28	0.83	23.11	<=33.01	Pass
16QAM	2498.5	1	0	20.89	0.83	21.72	<=33.01	Pass
			13	21.01	0.83	21.84	<=33.01	Pass
			24	21.05	0.83	21.88	<=33.01	Pass
		12	0	20.08	0.83	20.91	<=33.01	Pass
			6	20.05	0.83	20.88	<=33.01	Pass
			13	19.89	0.83	20.72	<=33.01	Pass
		25	0	20.15	0.83	20.98	<=33.01	Pass
	2593	1	0	21.61	0.83	22.44	<=33.01	Pass
			13	21.62	0.83	22.45	<=33.01	Pass
			24	21.63	0.83	22.46	<=33.01	Pass
		12	0	20.42	0.83	21.25	<=33.01	Pass
			6	20.50	0.83	21.33	<=33.01	Pass
			13	20.54	0.83	21.37	<=33.01	Pass
		25	0	20.74	0.83	21.57	<=33.01	Pass
	2687.5	1	0	22.11	0.83	22.94	<=33.01	Pass
			13	22.30	0.83	23.13	<=33.01	Pass
			24	22.25	0.83	23.08	<=33.01	Pass
		12	0	21.18	0.83	22.01	<=33.01	Pass
			6	21.05	0.83	21.88	<=33.01	Pass
			13	21.00	0.83	21.83	<=33.01	Pass
		25	0	21.03	0.83	21.86	<=33.01	Pass
64QAM	2498.5	1	0	20.44	0.83	21.27	<=33.01	Pass
			13	20.29	0.83	21.12	<=33.01	Pass
			24	19.58	0.83	20.41	<=33.01	Pass
		12	0	18.88	0.83	19.71	<=33.01	Pass
			6	18.91	0.83	19.74	<=33.01	Pass
			13	19.11	0.83	19.94	<=33.01	Pass
		25	0	18.92	0.83	19.75	<=33.01	Pass

	2593	1	0	20.25	0.83	21.08	<=33.01	Pass
			13	20.94	0.83	21.77	<=33.01	Pass
			24	20.60	0.83	21.43	<=33.01	Pass
		12	0	19.74	0.83	20.57	<=33.01	Pass
			6	19.74	0.83	20.57	<=33.01	Pass
			13	19.50	0.83	20.33	<=33.01	Pass
		25	0	19.89	0.83	20.72	<=33.01	Pass
			0	20.60	0.83	21.43	<=33.01	Pass
			13	20.79	0.83	21.62	<=33.01	Pass
	2687.5	1	24	21.31	0.83	22.14	<=33.01	Pass
			0	20.03	0.83	20.86	<=33.01	Pass
			6	20.15	0.83	20.98	<=33.01	Pass
		12	13	20.04	0.83	20.87	<=33.01	Pass
			0	20.18	0.83	21.01	<=33.01	Pass
			0	20.18	0.83	21.01	<=33.01	Pass
		25	0	20.18	0.83	21.01	<=33.01	Pass
			0	20.18	0.83	21.01	<=33.01	Pass
			0	20.18	0.83	21.01	<=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	22.13	0.83	22.96	<=33.01	Pass
			25	22.27	0.83	23.10	<=33.01	Pass
			49	21.94	0.83	22.77	<=33.01	Pass
		25	0	20.94	0.83	21.77	<=33.01	Pass
			13	20.97	0.83	21.80	<=33.01	Pass
			25	21.21	0.83	22.04	<=33.01	Pass
		50	0	21.15	0.83	21.98	<=33.01	Pass
			0	22.53	0.83	23.36	<=33.01	Pass
			25	23.03	0.83	23.86	<=33.01	Pass
	2593	1	49	22.68	0.83	23.51	<=33.01	Pass
			0	21.89	0.83	22.72	<=33.01	Pass
			13	21.87	0.83	22.70	<=33.01	Pass
		25	25	22.00	0.83	22.83	<=33.01	Pass
			0	21.93	0.83	22.76	<=33.01	Pass
			0	23.11	0.83	23.94	<=33.01	Pass
		1	25	23.17	0.83	24.00	<=33.01	Pass
			49	23.09	0.83	23.92	<=33.01	Pass
			0	22.20	0.83	23.03	<=33.01	Pass
	2685	25	13	22.01	0.83	22.84	<=33.01	Pass
			25	22.05	0.83	22.88	<=33.01	Pass
			0	22.24	0.83	23.07	<=33.01	Pass
16QAM	2501	1	0	20.96	0.83	21.79	<=33.01	Pass
			25	21.09	0.83	21.92	<=33.01	Pass
			49	21.08	0.83	21.91	<=33.01	Pass
		25	0	19.99	0.83	20.82	<=33.01	Pass
			13	20.14	0.83	20.97	<=33.01	Pass
			25	20.20	0.83	21.03	<=33.01	Pass
		50	0	20.14	0.83	20.97	<=33.01	Pass
			0	21.36	0.83	22.19	<=33.01	Pass
			25	21.66	0.83	22.49	<=33.01	Pass
	2593	1	49	21.59	0.83	22.42	<=33.01	Pass
			0	20.57	0.83	21.40	<=33.01	Pass
			13	20.61	0.83	21.44	<=33.01	Pass
		25	25	20.70	0.83	21.53	<=33.01	Pass
			0	20.60	0.83	21.43	<=33.01	Pass
			0	22.03	0.83	22.86	<=33.01	Pass
		50	0	20.60	0.83	21.43	<=33.01	Pass
			0	20.60	0.83	21.43	<=33.01	Pass
			0	20.60	0.83	21.43	<=33.01	Pass

			25	22.25	0.83	23.08	<=33.01	Pass	
			49	22.19	0.83	23.02	<=33.01	Pass	
		25	0	21.03	0.83	21.86	<=33.01	Pass	
			13	21.21	0.83	22.04	<=33.01	Pass	
			25	21.05	0.83	21.88	<=33.01	Pass	
		50	0	21.01	0.83	21.84	<=33.01	Pass	
64QAM	2501	1	0	19.71	0.83	20.54	<=33.01	Pass	
			25	19.86	0.83	20.69	<=33.01	Pass	
			49	19.66	0.83	20.49	<=33.01	Pass	
		25	0	19.05	0.83	19.88	<=33.01	Pass	
			13	19.06	0.83	19.89	<=33.01	Pass	
			25	18.89	0.83	19.72	<=33.01	Pass	
		50	0	18.80	0.83	19.63	<=33.01	Pass	
	2593	1	0	20.84	0.83	21.67	<=33.01	Pass	
			25	21.23	0.83	22.06	<=33.01	Pass	
			49	21.05	0.83	21.88	<=33.01	Pass	
		25	0	19.44	0.83	20.27	<=33.01	Pass	
			13	19.51	0.83	20.34	<=33.01	Pass	
			25	19.88	0.83	20.71	<=33.01	Pass	
		50	0	19.62	0.83	20.45	<=33.01	Pass	
	2685	1	0	20.69	0.83	21.52	<=33.01	Pass	
			25	21.23	0.83	22.06	<=33.01	Pass	
			49	21.30	0.83	22.13	<=33.01	Pass	
		25	0	19.93	0.83	20.76	<=33.01	Pass	
			13	20.23	0.83	21.06	<=33.01	Pass	
			25	19.97	0.83	20.80	<=33.01	Pass	
		50	0	20.20	0.83	21.03	<=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	22.07	0.83	22.90	<=33.01	Pass
			38	22.14	0.83	22.97	<=33.01	Pass
			74	21.93	0.83	22.76	<=33.01	Pass
		36	0	21.13	0.83	21.96	<=33.01	Pass
			18	21.16	0.83	21.99	<=33.01	Pass
			39	21.29	0.83	22.12	<=33.01	Pass
		75	0	20.95	0.83	21.78	<=33.01	Pass
			0	22.76	0.83	23.59	<=33.01	Pass
			38	22.89	0.83	23.72	<=33.01	Pass
			74	22.63	0.83	23.46	<=33.01	Pass
	2593	1	0	21.81	0.83	22.64	<=33.01	Pass
			18	21.89	0.83	22.72	<=33.01	Pass
			39	21.72	0.83	22.55	<=33.01	Pass
		36	0	21.63	0.83	22.46	<=33.01	Pass
			18	21.99	0.83	22.82	<=33.01	Pass
			39	22.26	0.83	23.09	<=33.01	Pass
		75	0	21.98	0.83	22.81	<=33.01	Pass
			0	22.79	0.83	23.62	<=33.01	Pass
			38	23.18	0.83	24.01	<=33.01	Pass
			74	22.98	0.83	23.81	<=33.01	Pass
	2682.5	1	0	21.96	0.83	22.79	<=33.01	Pass
			18	21.99	0.83	22.82	<=33.01	Pass
			39	22.26	0.83	23.09	<=33.01	Pass
		36	0	21.98	0.83	22.81	<=33.01	Pass
			18	21.99	0.83	22.82	<=33.01	Pass
			39	22.26	0.83	23.09	<=33.01	Pass
		75	0	21.98	0.83	22.81	<=33.01	Pass
			18	21.99	0.83	22.82	<=33.01	Pass
			39	22.26	0.83	23.09	<=33.01	Pass
		1	0	20.86	0.83	21.69	<=33.01	Pass
			38	21.01	0.83	21.84	<=33.01	Pass
			74	20.86	0.83	21.69	<=33.01	Pass
16QAM	2503.5	1	0	20.86	0.83	21.69	<=33.01	Pass
			38	21.01	0.83	21.84	<=33.01	Pass

64QAM	2593	36	74	20.95	0.83	21.78	<=33.01	Pass
			0	20.07	0.83	20.90	<=33.01	Pass
			18	19.87	0.83	20.70	<=33.01	Pass
			39	19.87	0.83	20.70	<=33.01	Pass
		75	0	20.13	0.83	20.96	<=33.01	Pass
		1	0	21.30	0.83	22.13	<=33.01	Pass
			38	21.54	0.83	22.37	<=33.01	Pass
			74	21.63	0.83	22.46	<=33.01	Pass
			0	20.51	0.83	21.34	<=33.01	Pass
			18	20.85	0.83	21.68	<=33.01	Pass
			39	20.67	0.83	21.50	<=33.01	Pass
		75	0	20.85	0.83	21.68	<=33.01	Pass
	2682.5	1	0	21.86	0.83	22.69	<=33.01	Pass
			38	22.01	0.83	22.84	<=33.01	Pass
			74	22.01	0.83	22.84	<=33.01	Pass
			0	20.89	0.83	21.72	<=33.01	Pass
		36	18	20.94	0.83	21.77	<=33.01	Pass
			39	20.99	0.83	21.82	<=33.01	Pass
			0	21.12	0.83	21.95	<=33.01	Pass
		75	0	21.12	0.83	21.95	<=33.01	Pass
64QAM	2503.5	1	0	19.63	0.83	20.46	<=33.01	Pass
			38	20.07	0.83	20.90	<=33.01	Pass
			74	19.88	0.83	20.71	<=33.01	Pass
			0	19.06	0.83	19.89	<=33.01	Pass
		36	18	18.88	0.83	19.71	<=33.01	Pass
			39	18.91	0.83	19.74	<=33.01	Pass
			0	19.05	0.83	19.88	<=33.01	Pass
		75	0	19.05	0.83	19.88	<=33.01	Pass
	2593	1	0	20.17	0.83	21.00	<=33.01	Pass
			38	20.95	0.83	21.78	<=33.01	Pass
			74	20.97	0.83	21.80	<=33.01	Pass
			0	19.79	0.83	20.62	<=33.01	Pass
		36	18	19.81	0.83	20.64	<=33.01	Pass
			39	19.89	0.83	20.72	<=33.01	Pass
			0	19.61	0.83	20.44	<=33.01	Pass
		75	0	19.61	0.83	20.44	<=33.01	Pass
	2682.5	1	0	20.50	0.83	21.33	<=33.01	Pass
			38	20.70	0.83	21.53	<=33.01	Pass
			74	20.79	0.83	21.62	<=33.01	Pass
			0	19.93	0.83	20.76	<=33.01	Pass
		36	18	19.89	0.83	20.72	<=33.01	Pass
			39	20.22	0.83	21.05	<=33.01	Pass
			0	19.95	0.83	20.78	<=33.01	Pass
		75	0	19.95	0.83	20.78	<=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	21.98	0.83	22.81	<=33.01	Pass
			50	22.18	0.83	23.01	<=33.01	Pass
			99	21.83	0.83	22.66	<=33.01	Pass
		50	0	21.01	0.83	21.84	<=33.01	Pass
			25	20.87	0.83	21.70	<=33.01	Pass
			50	21.16	0.83	21.99	<=33.01	Pass
		100	0	20.91	0.83	21.74	<=33.01	Pass
	2593	1	0	22.19	0.83	23.02	<=33.01	Pass
			50	22.92	0.83	23.75	<=33.01	Pass
			99	22.81	0.83	23.64	<=33.01	Pass

		50	0	21.45	0.83	22.28	<=33.01	Pass
			25	21.61	0.83	22.44	<=33.01	Pass
			50	21.71	0.83	22.54	<=33.01	Pass
		100	0	21.85	0.83	22.68	<=33.01	Pass
	2680	1	0	22.81	0.83	23.64	<=33.01	Pass
			50	23.39	0.83	24.22	<=33.01	Pass
			99	23.11	0.83	23.94	<=33.01	Pass
		50	0	22.06	0.83	22.89	<=33.01	Pass
			25	21.92	0.83	22.75	<=33.01	Pass
			50	22.13	0.83	22.96	<=33.01	Pass
		100	0	21.89	0.83	22.72	<=33.01	Pass
16QAM	2506	1	0	21.22	0.83	22.05	<=33.01	Pass
			50	21.21	0.83	22.04	<=33.01	Pass
			99	20.67	0.83	21.50	<=33.01	Pass
		50	0	20.04	0.83	20.87	<=33.01	Pass
			25	20.11	0.83	20.94	<=33.01	Pass
			50	20.12	0.83	20.95	<=33.01	Pass
		100	0	20.07	0.83	20.90	<=33.01	Pass
	2593	1	0	21.18	0.83	22.01	<=33.01	Pass
			50	21.77	0.83	22.60	<=33.01	Pass
			99	21.26	0.83	22.09	<=33.01	Pass
		50	0	20.75	0.83	21.58	<=33.01	Pass
			25	20.59	0.83	21.42	<=33.01	Pass
			50	21.03	0.83	21.86	<=33.01	Pass
		100	0	20.55	0.83	21.38	<=33.01	Pass
	2680	1	0	21.75	0.83	22.58	<=33.01	Pass
			50	22.10	0.83	22.93	<=33.01	Pass
			99	22.29	0.83	23.12	<=33.01	Pass
		50	0	20.83	0.83	21.66	<=33.01	Pass
			25	21.14	0.83	21.97	<=33.01	Pass
			50	21.10	0.83	21.93	<=33.01	Pass
		100	0	20.90	0.83	21.73	<=33.01	Pass
64QAM	2506	1	0	19.44	0.83	20.27	<=33.01	Pass
			50	20.33	0.83	21.16	<=33.01	Pass
			99	19.29	0.83	20.12	<=33.01	Pass
		50	0	19.02	0.83	19.85	<=33.01	Pass
			25	18.90	0.83	19.73	<=33.01	Pass
			50	19.05	0.83	19.88	<=33.01	Pass
		100	0	19.05	0.83	19.88	<=33.01	Pass
	2593	1	0	19.94	0.83	20.77	<=33.01	Pass
			50	20.44	0.83	21.27	<=33.01	Pass
			99	20.54	0.83	21.37	<=33.01	Pass
		50	0	19.69	0.83	20.52	<=33.01	Pass
			25	19.88	0.83	20.71	<=33.01	Pass
			50	19.94	0.83	20.77	<=33.01	Pass
		100	0	19.78	0.83	20.61	<=33.01	Pass
	2680	1	0	21.11	0.83	21.94	<=33.01	Pass
			50	20.67	0.83	21.50	<=33.01	Pass
			99	21.16	0.83	21.99	<=33.01	Pass
		50	0	20.05	0.83	20.88	<=33.01	Pass
			25	20.02	0.83	20.85	<=33.01	Pass
			50	20.11	0.83	20.94	<=33.01	Pass
		100	0	19.92	0.83	20.75	<=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	-9.871	-0.0038	-2.5 to 2.5	Pass
					NV	-4.921	-0.0019	-2.5 to 2.5	Pass
					HV	-8.783	-0.0034	-2.5 to 2.5	Pass
				-30	NV	-6.394	-0.0025	-2.5 to 2.5	Pass
				-20	NV	-6.824	-0.0026	-2.5 to 2.5	Pass
				-10	NV	-5.207	-0.0020	-2.5 to 2.5	Pass
				0	NV	-5.436	-0.0021	-2.5 to 2.5	Pass
				10	NV	-7.925	-0.0031	-2.5 to 2.5	Pass
				30	NV	-8.626	-0.0033	-2.5 to 2.5	Pass
				40	NV	-7.510	-0.0029	-2.5 to 2.5	Pass
				50	NV	-4.478	-0.0017	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

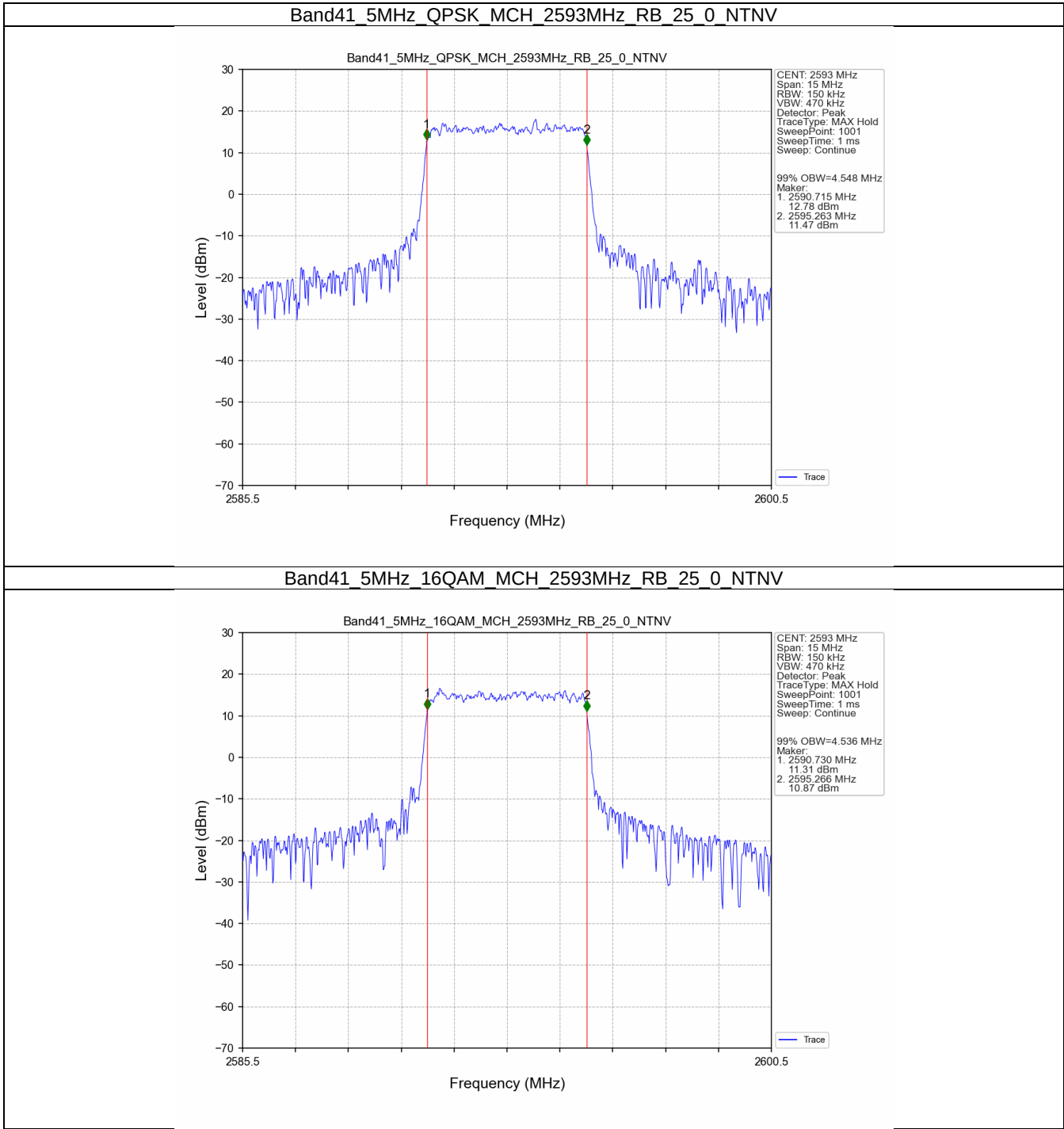
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.548	/	Pass
	16QAM	2593	25	0	4.536	/	Pass
	64QAM	2593	25	0	4.539	/	Pass
10	QPSK	2593	50	0	9.087	/	Pass
	16QAM	2593	50	0	9.095	/	Pass
	64QAM	2593	50	0	9.073	/	Pass
15	QPSK	2593	75	0	13.649	/	Pass
	16QAM	2593	75	0	13.653	/	Pass
	64QAM	2593	75	0	13.623	/	Pass
20	QPSK	2593	100	0	18.159	/	Pass
	16QAM	2593	100	0	18.092	/	Pass
	64QAM	2593	100	0	18.109	/	Pass

3.1.2 Band41_XDB

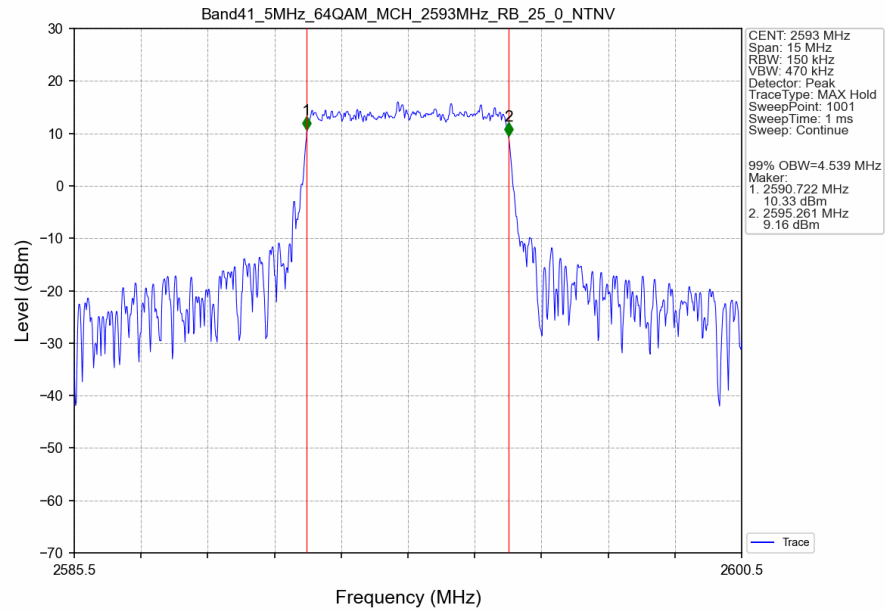
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.079	/	Pass
	16QAM	2593	25	0	5.379	/	Pass
	64QAM	2593	25	0	5.354	/	Pass
10	QPSK	2593	50	0	10.657	/	Pass
	16QAM	2593	50	0	10.740	/	Pass
	64QAM	2593	50	0	11.057	/	Pass
15	QPSK	2593	75	0	16.265	/	Pass
	16QAM	2593	75	0	16.554	/	Pass
	64QAM	2593	75	0	17.651	/	Pass
20	QPSK	2593	100	0	21.534	/	Pass
	16QAM	2593	100	0	20.550	/	Pass
	64QAM	2593	100	0	20.999	/	Pass

3.2 Test Graph

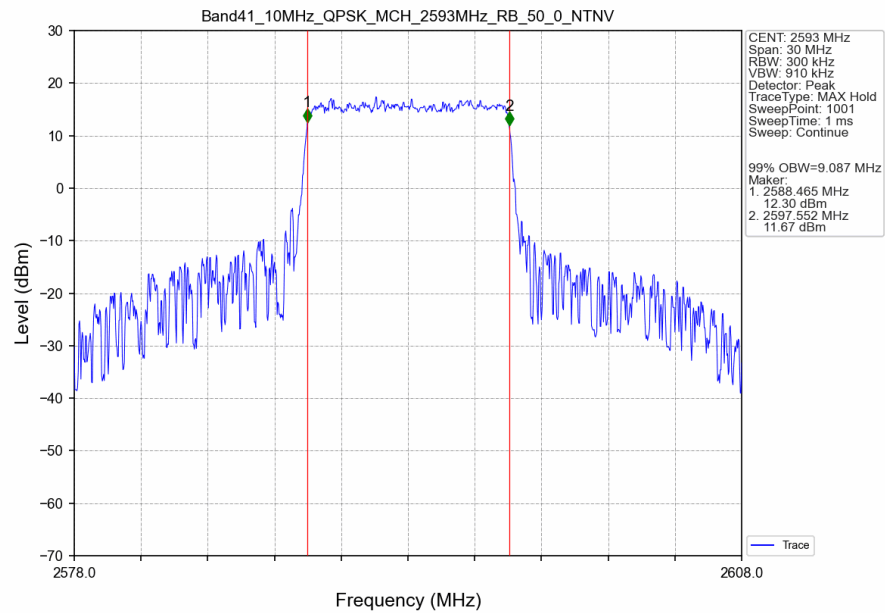
3.2.1 Band41_OBW



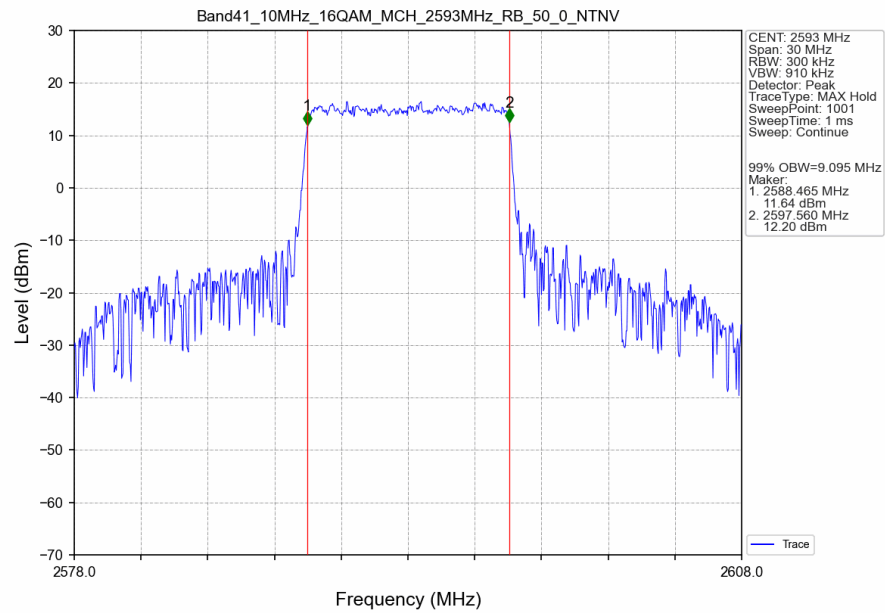
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



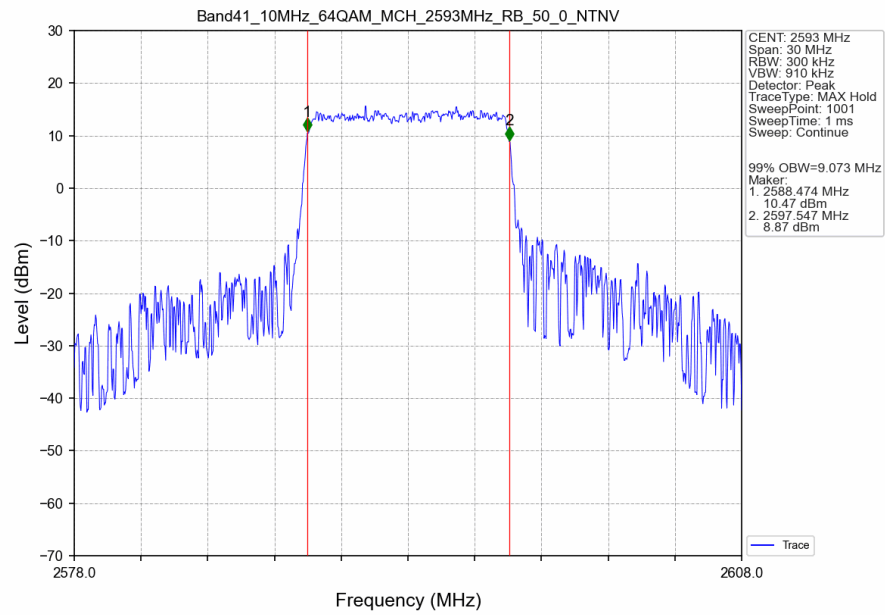
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



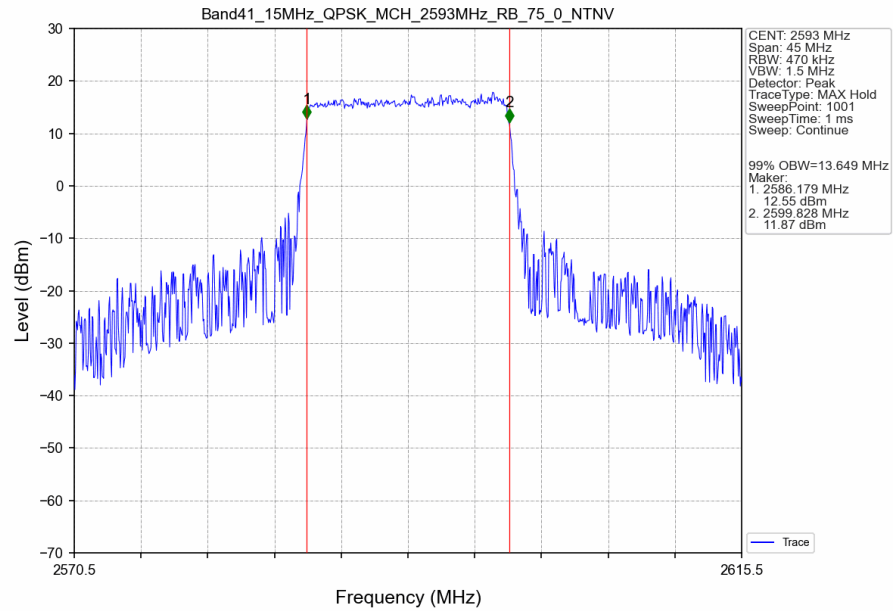
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



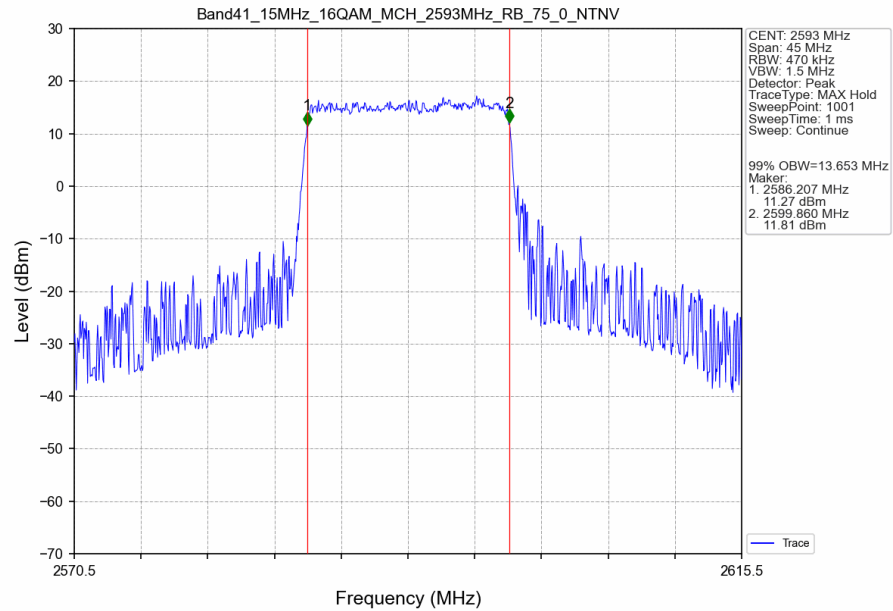
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



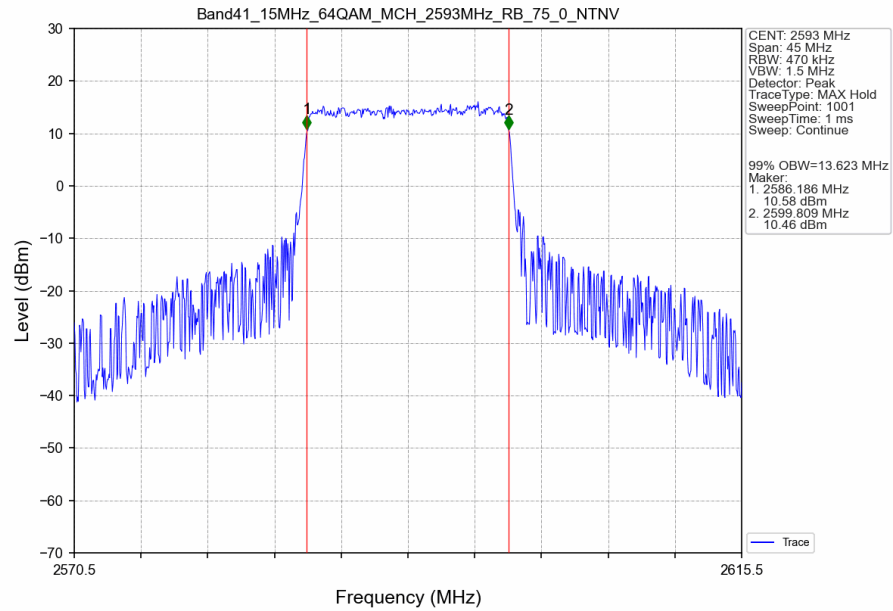
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTNV



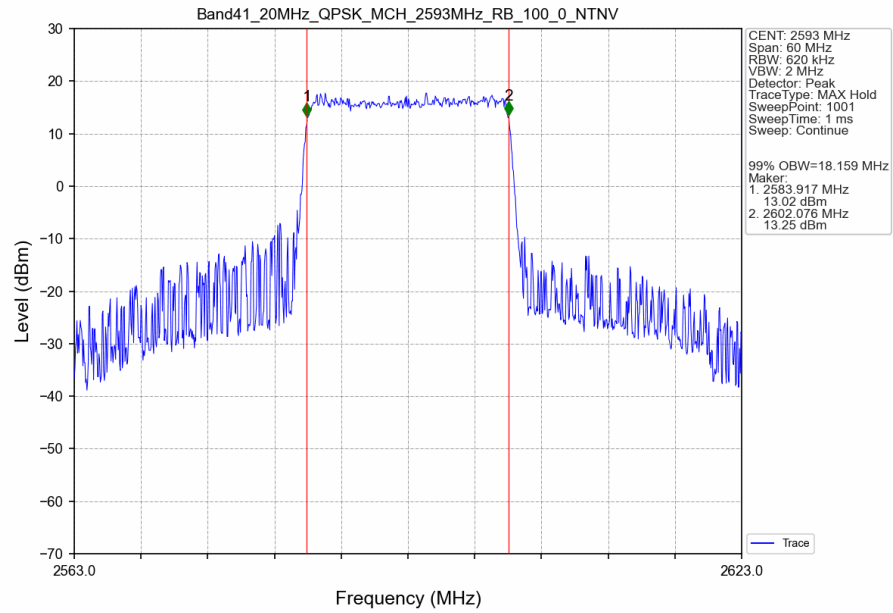
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTNV



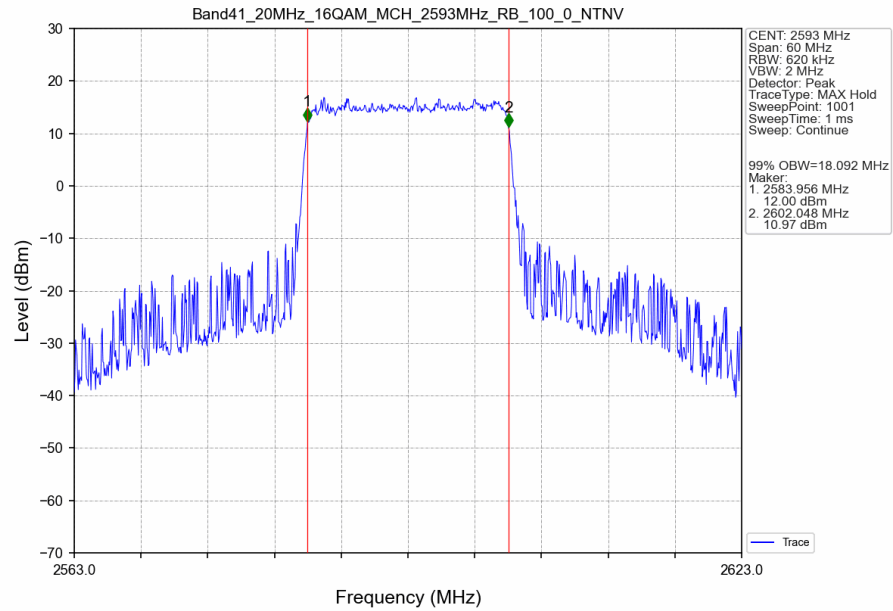
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



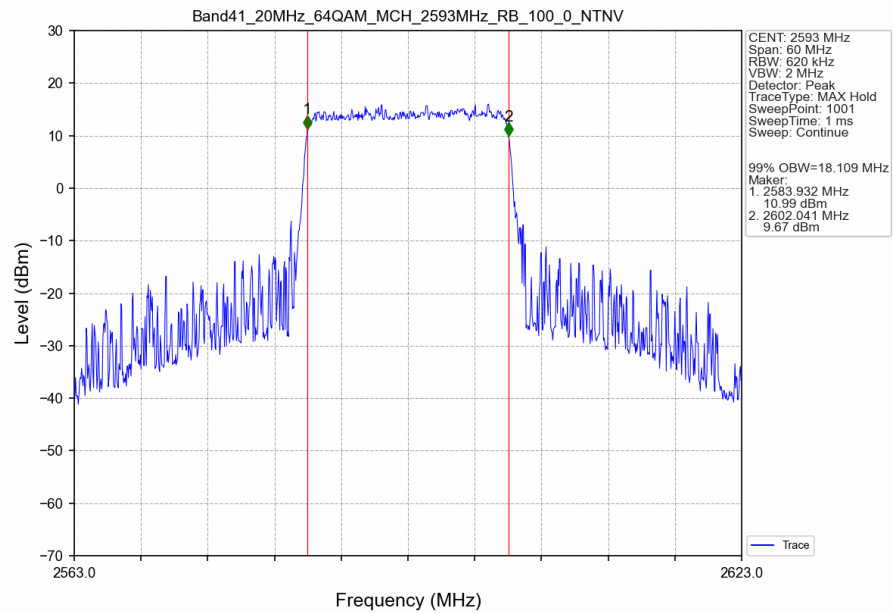
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



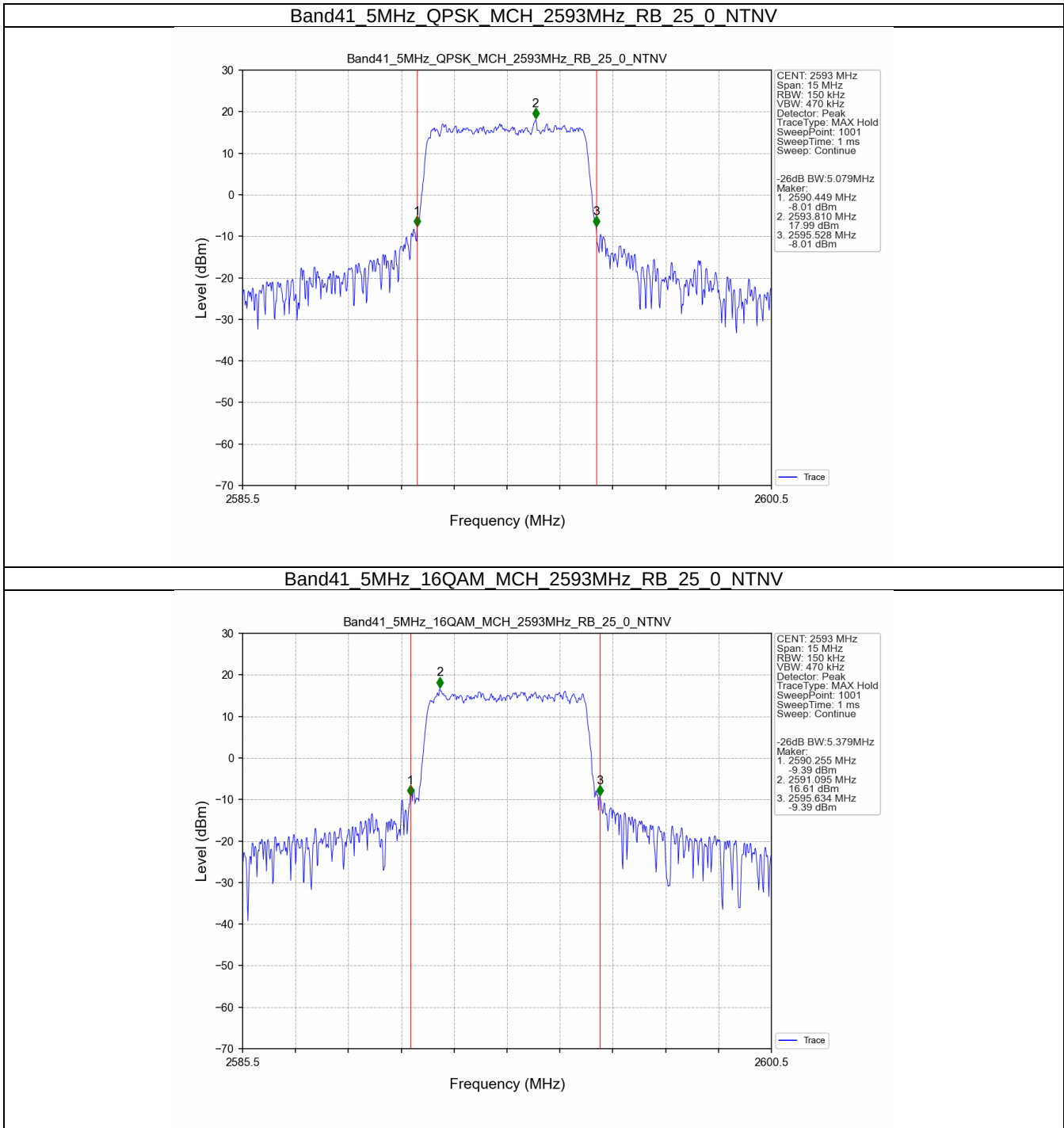
Band41 20MHz 16QAM MCH 2593MHz RB 100 0 NTV



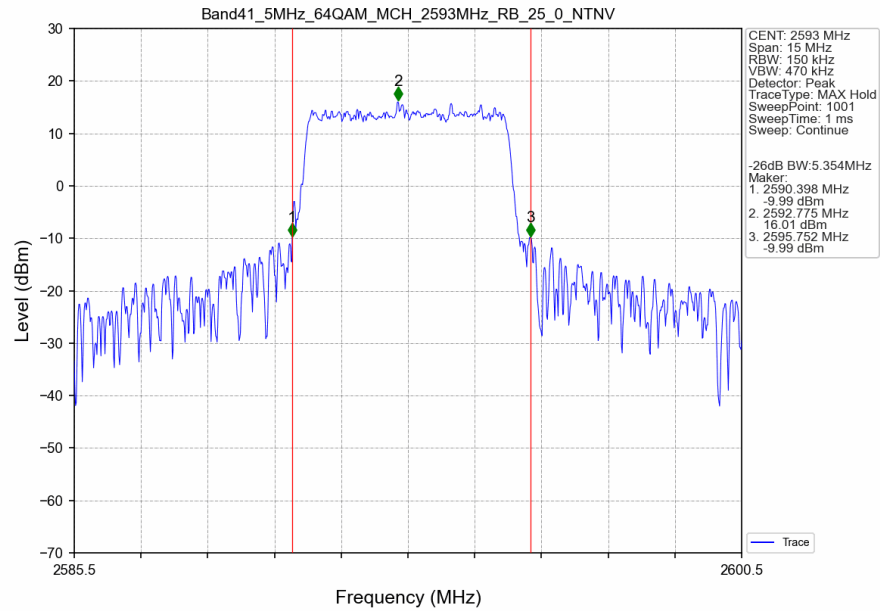
Band41 20MHz 64QAM MCH 2593MHz RB 100 0 NTV



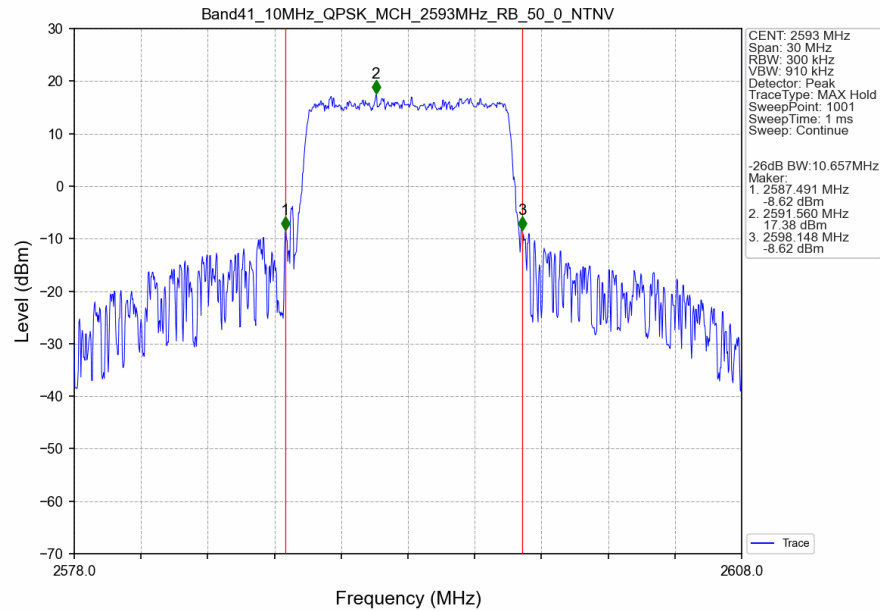
3.2.2 Band41_XDB



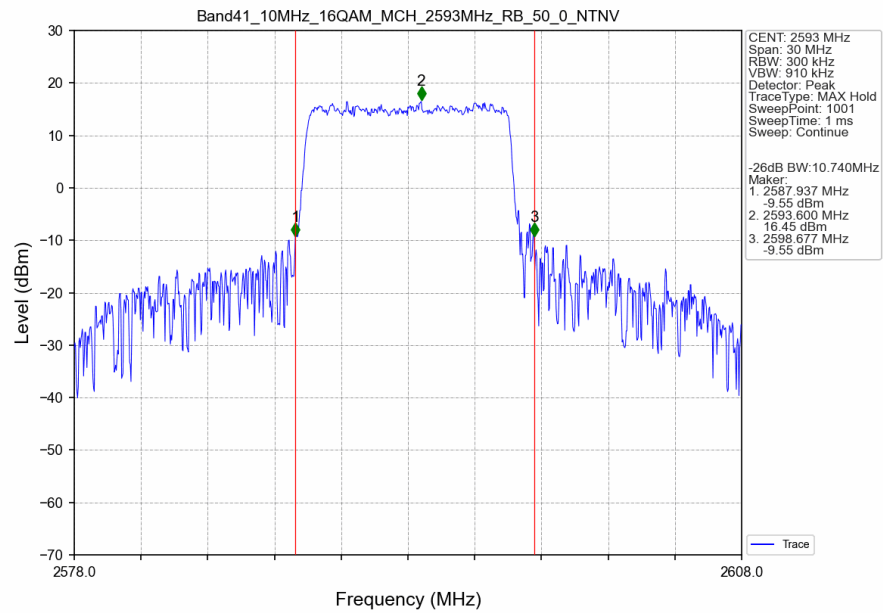
Band41 5MHz 64QAM MCH 2593MHz RB 25 0 NTNV



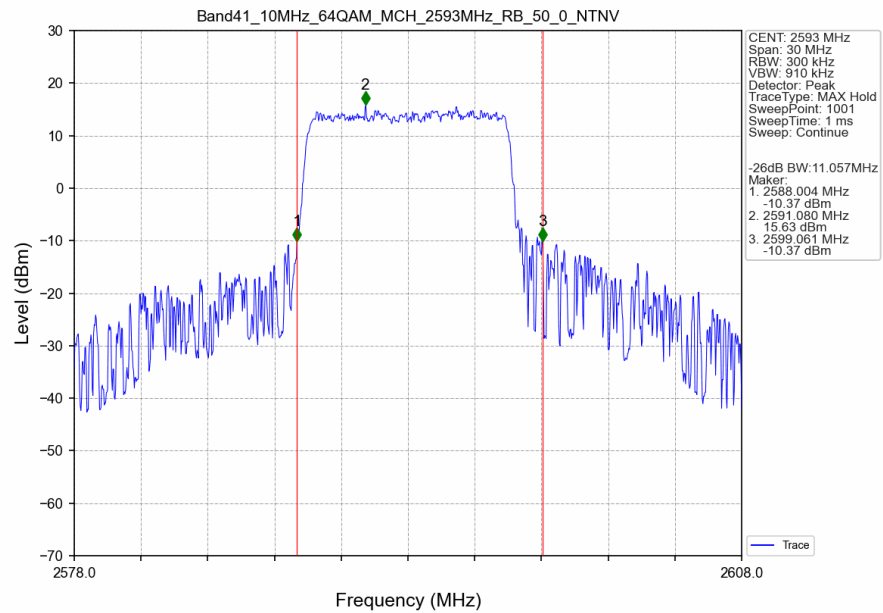
Band41 10MHz QPSK MCH 2593MHz RB 50 0 NTNV



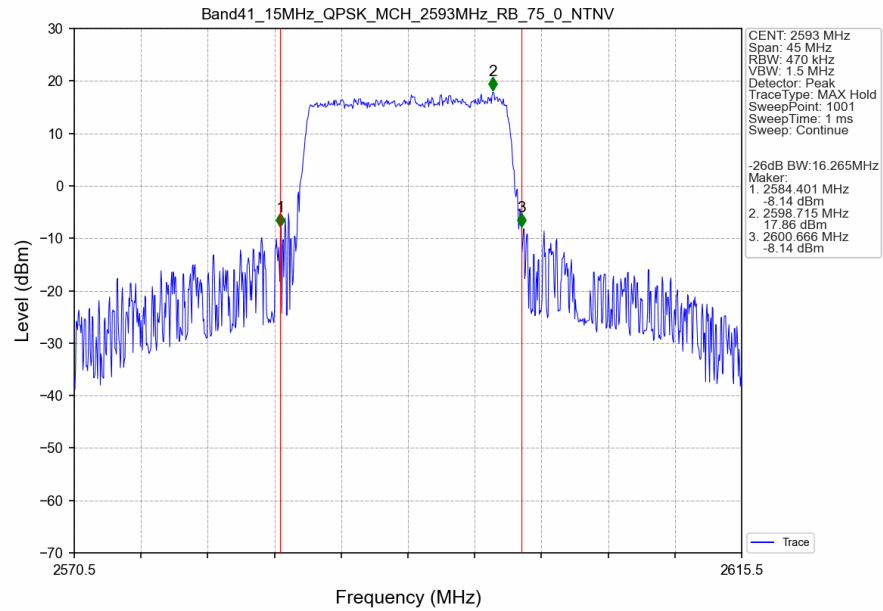
Band41 10MHz 16QAM MCH 2593MHz RB 50 0 NTNV



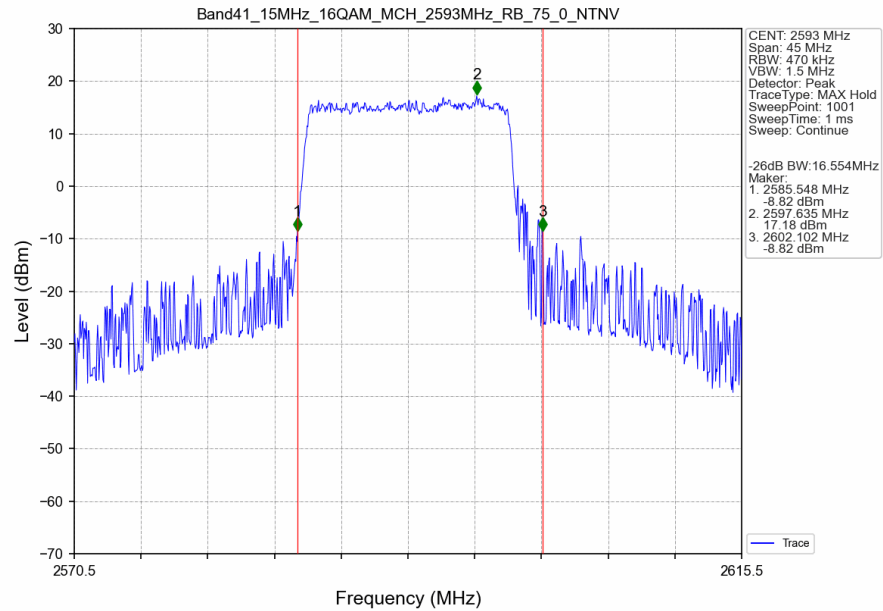
Band41 10MHz 64QAM MCH 2593MHz RB 50 0 NTNV



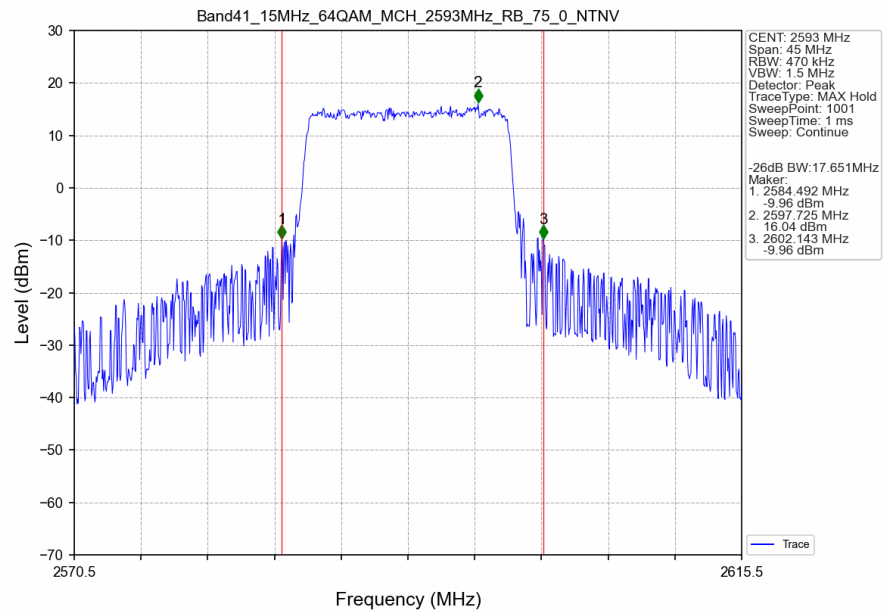
Band41 15MHz QPSK MCH 2593MHz RB 75 0 NTN



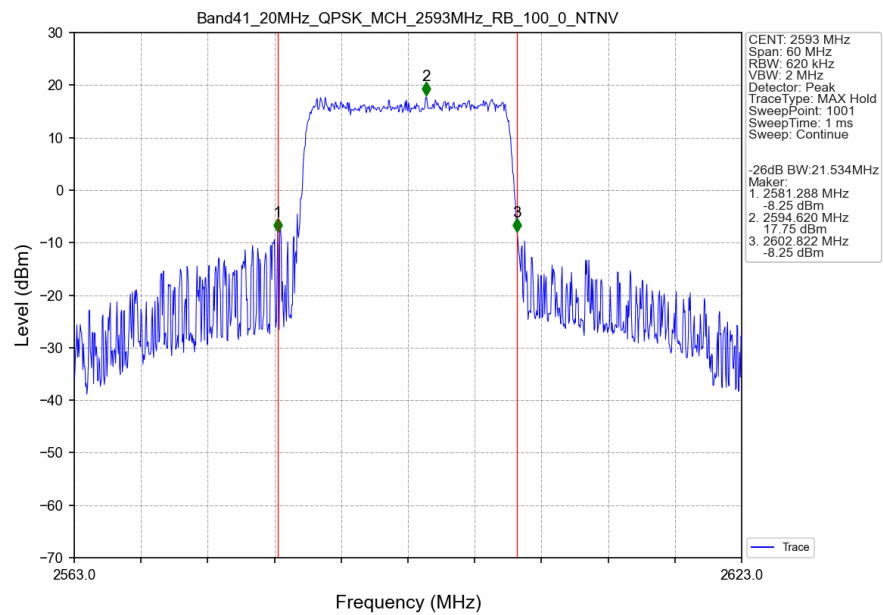
Band41 15MHz 16QAM MCH 2593MHz RB 75 0 NTN



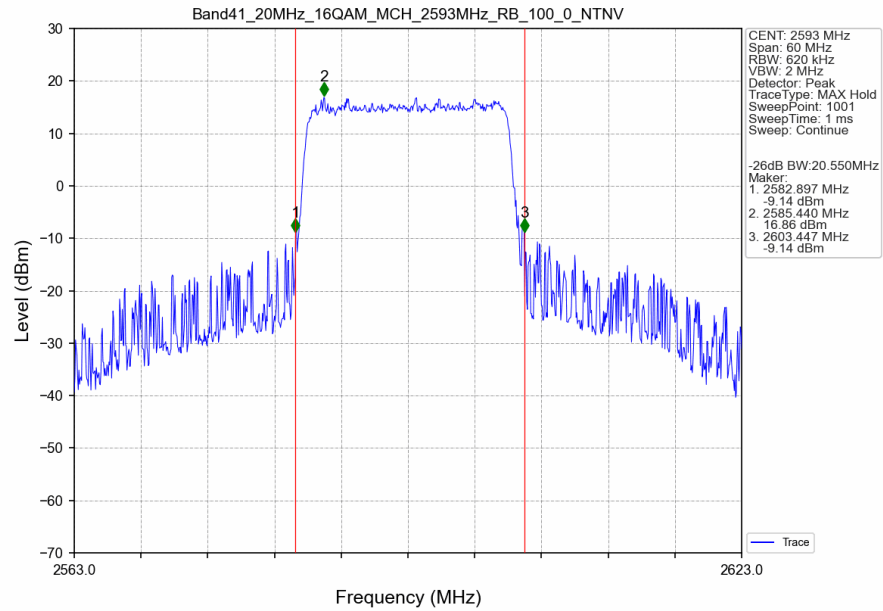
Band41 15MHz 64QAM MCH 2593MHz RB 75 0 NTNV



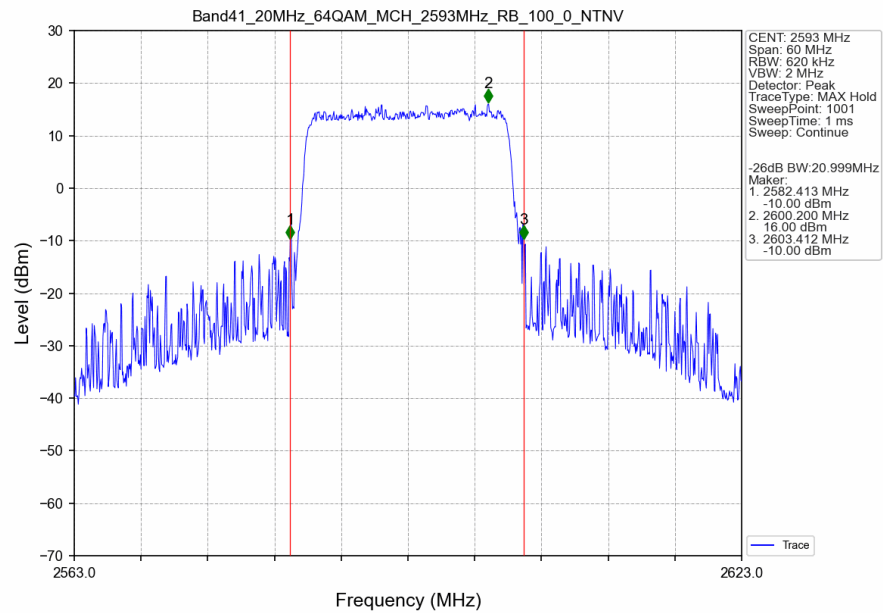
Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

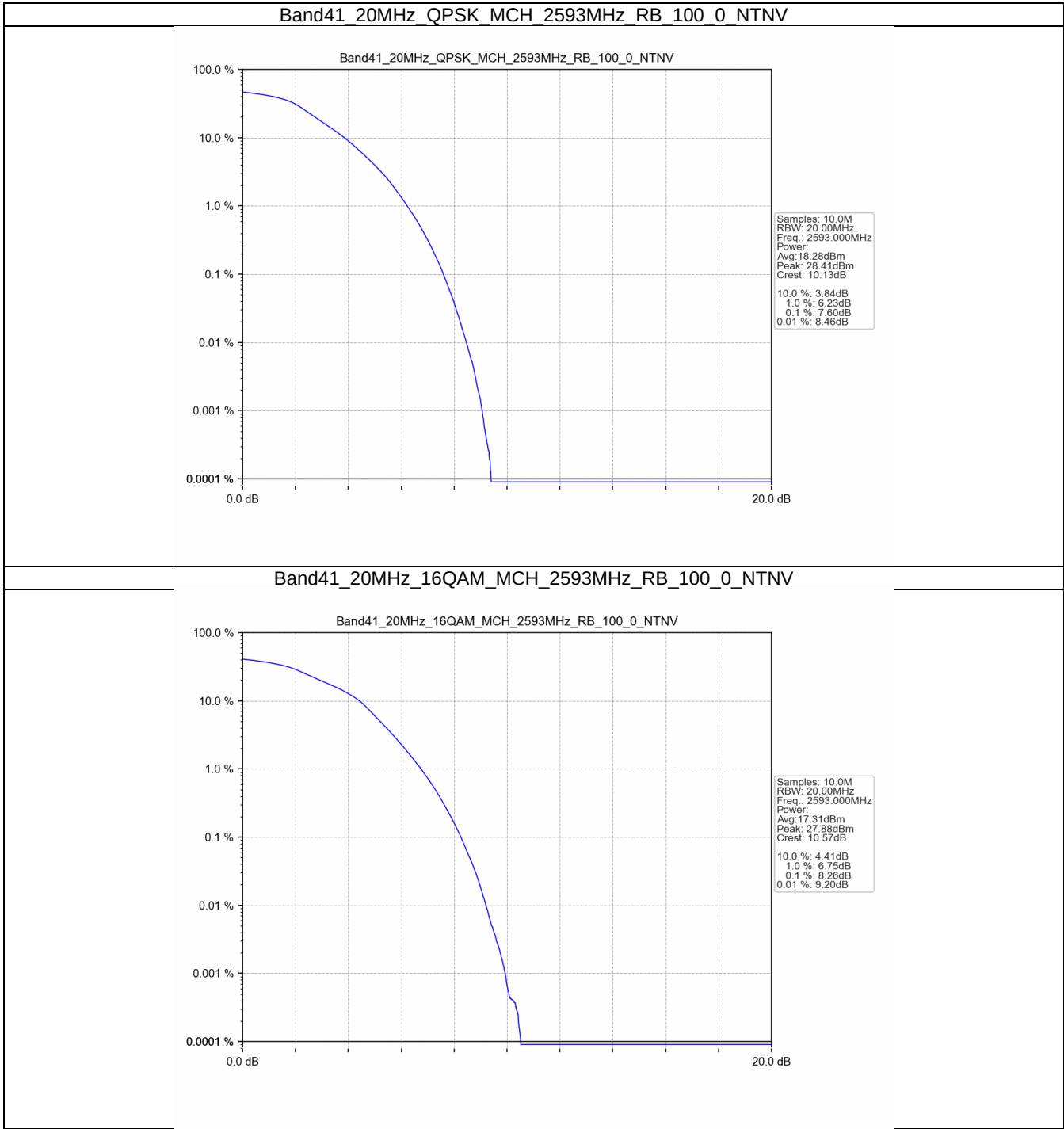
4.1 Test Result

4.1.1 B41_20MHz

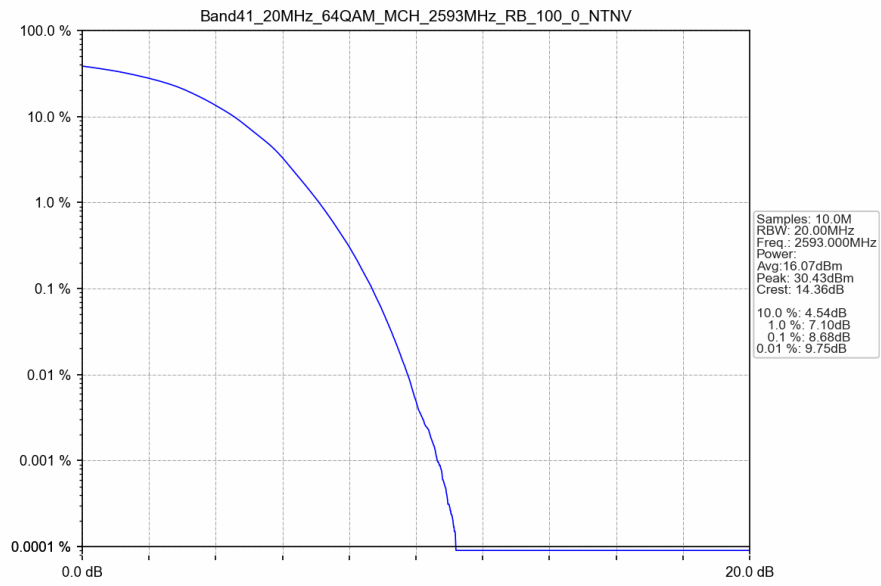
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2593	100	0	7.60	<=13	Pass
16QAM	2593	100	0	8.26	<=13	Pass
64QAM	2593	100	0	8.68	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz



Band41 20MHz 64QAM 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 / 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

5.1.3 B41_15MHz

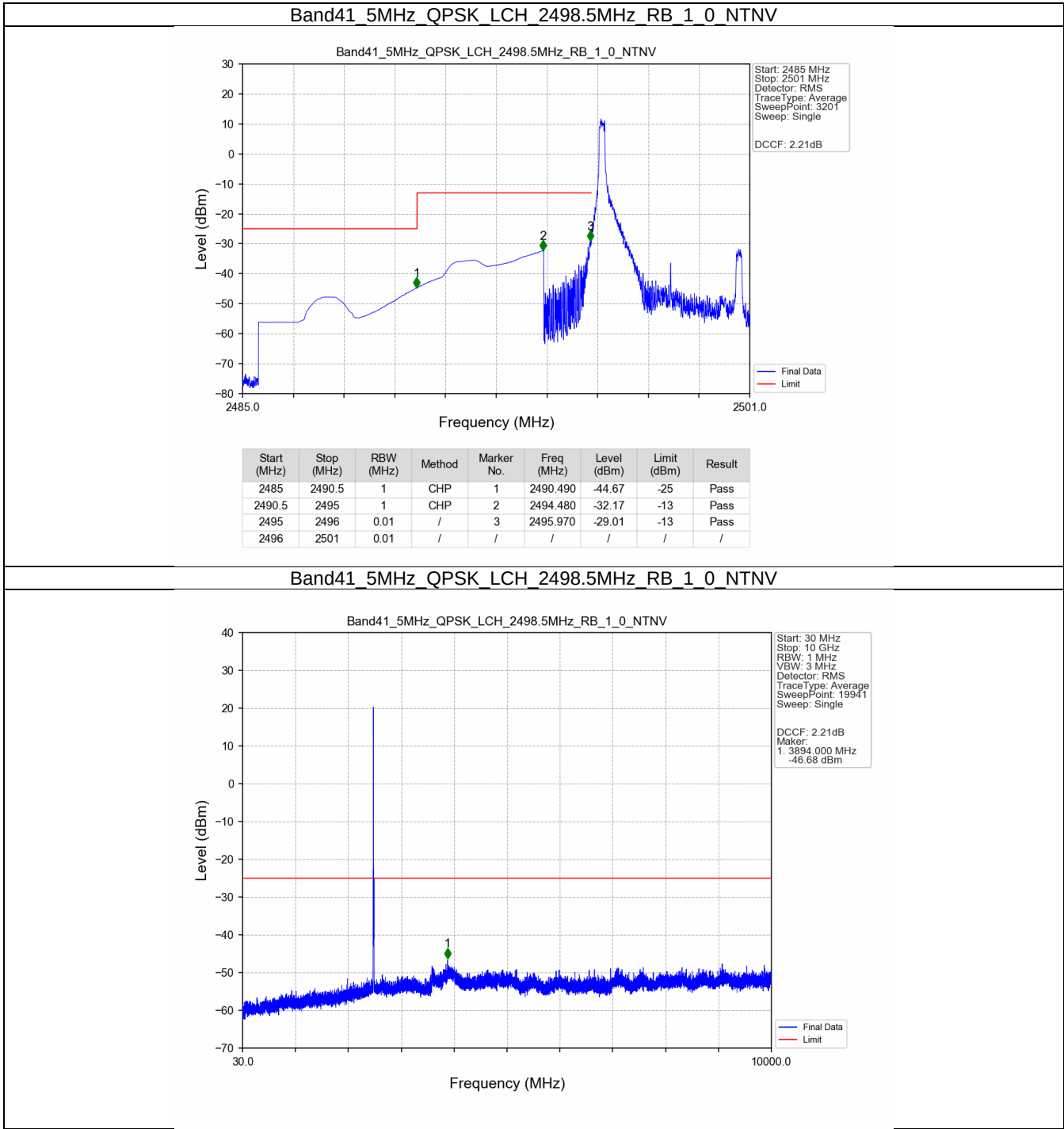
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

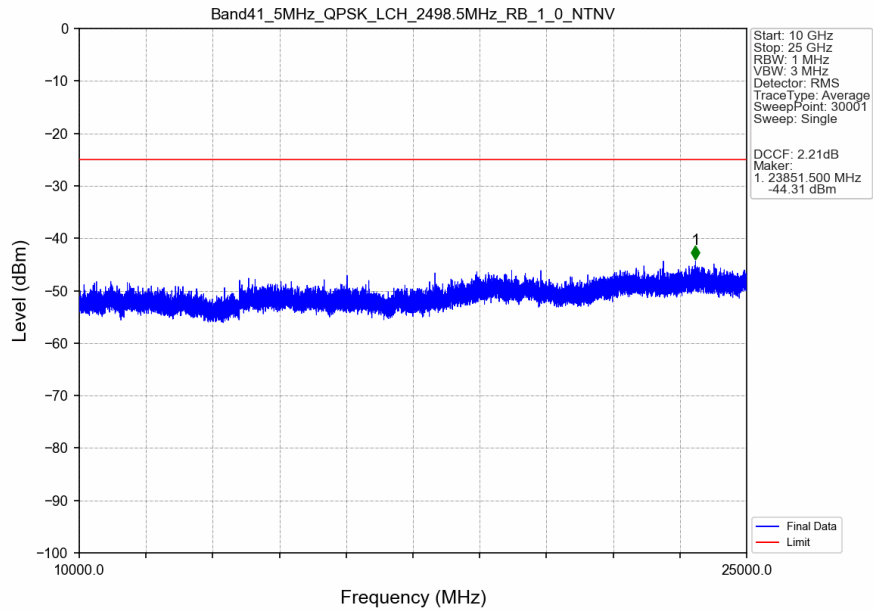
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

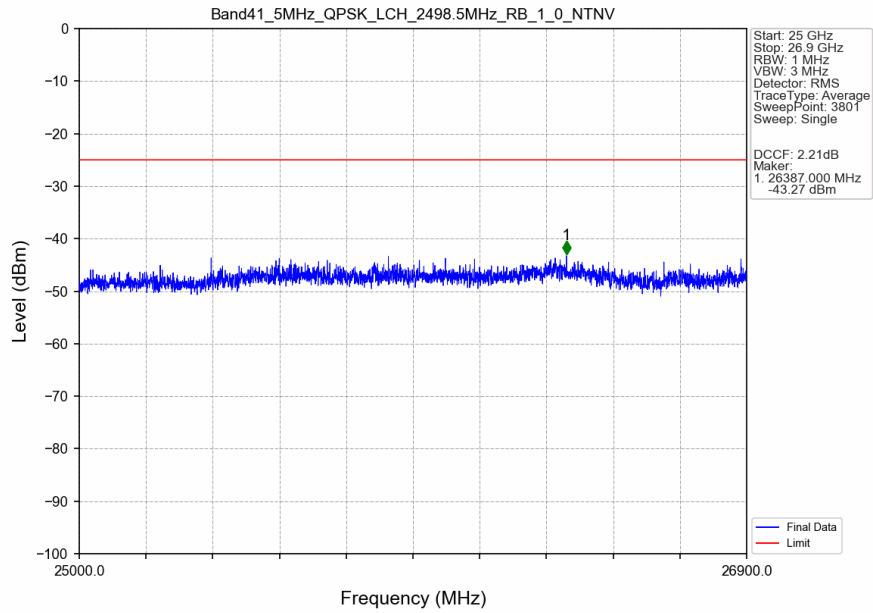
5.2.1 B41_5MHz



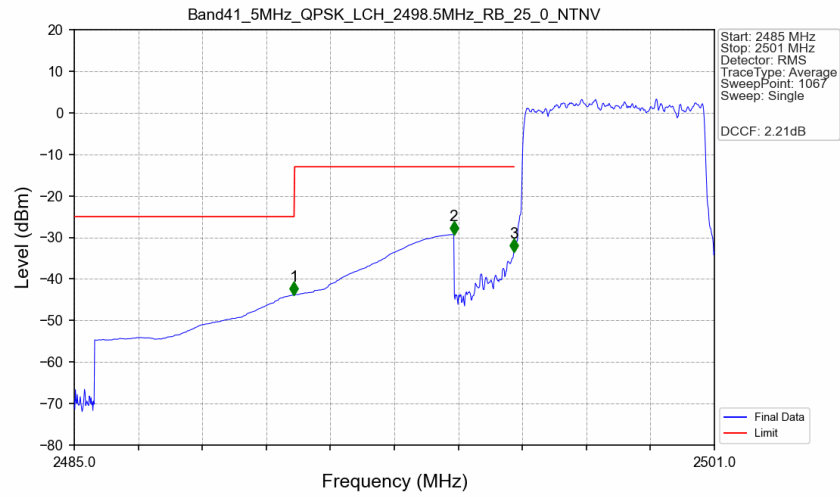
Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTN



Band41 5MHz QPSK LCH 2498.5MHz RB 1 0 NTN

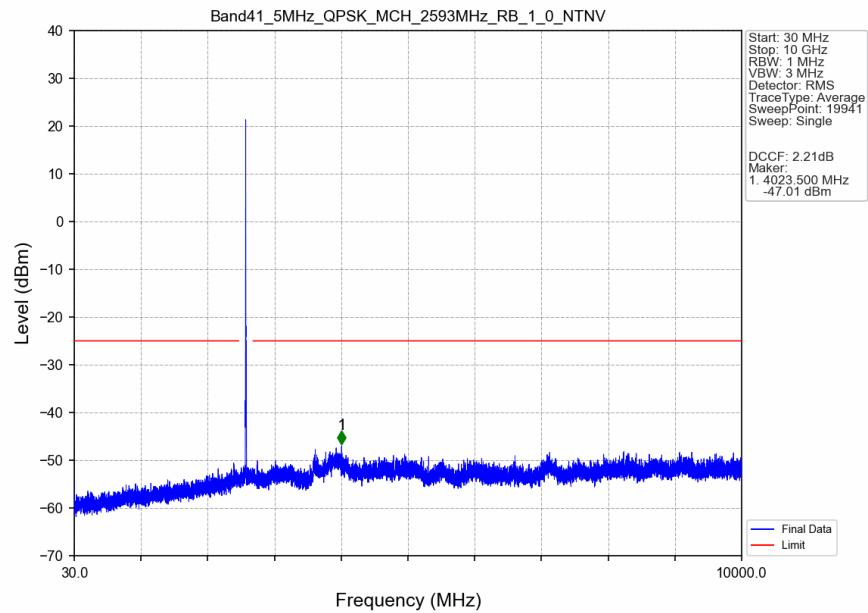


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

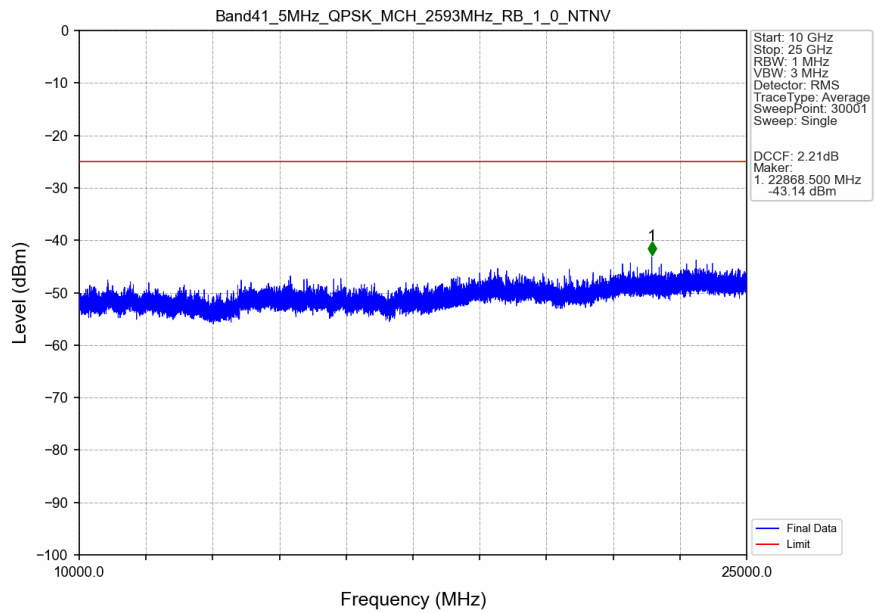


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-43.82	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-29.31	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-33.45	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

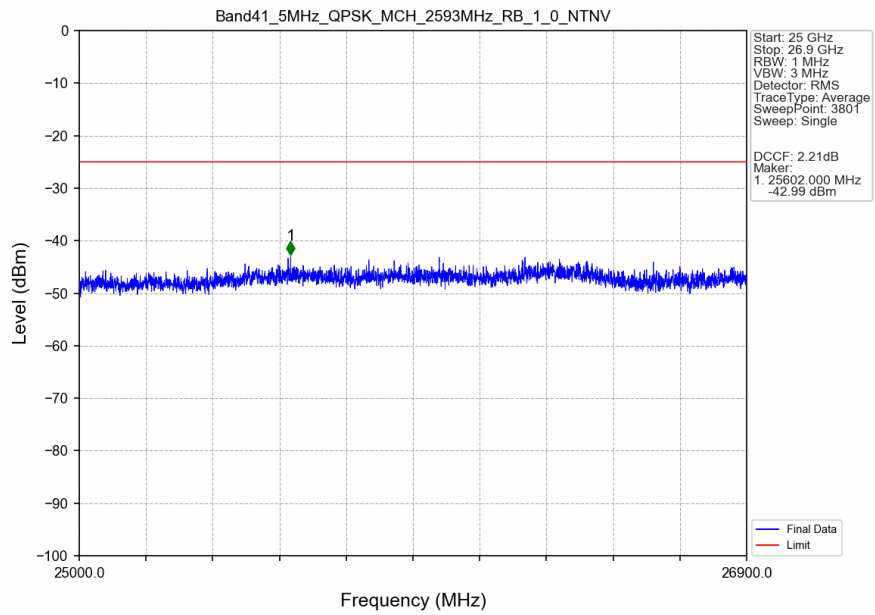
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



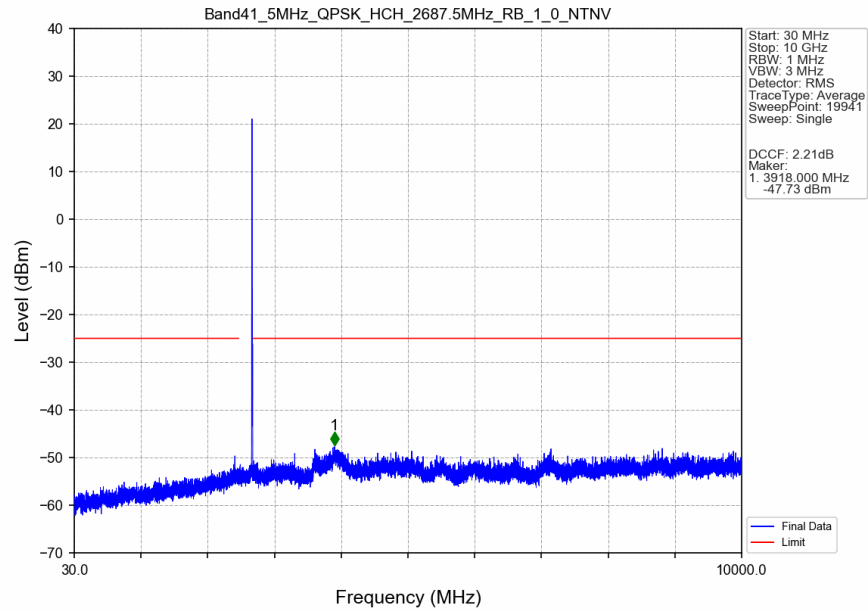
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



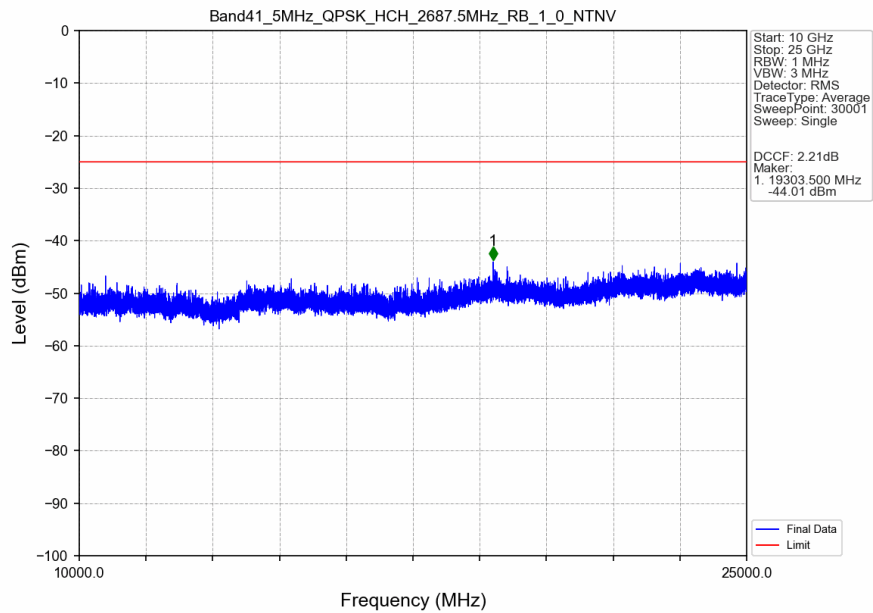
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTN



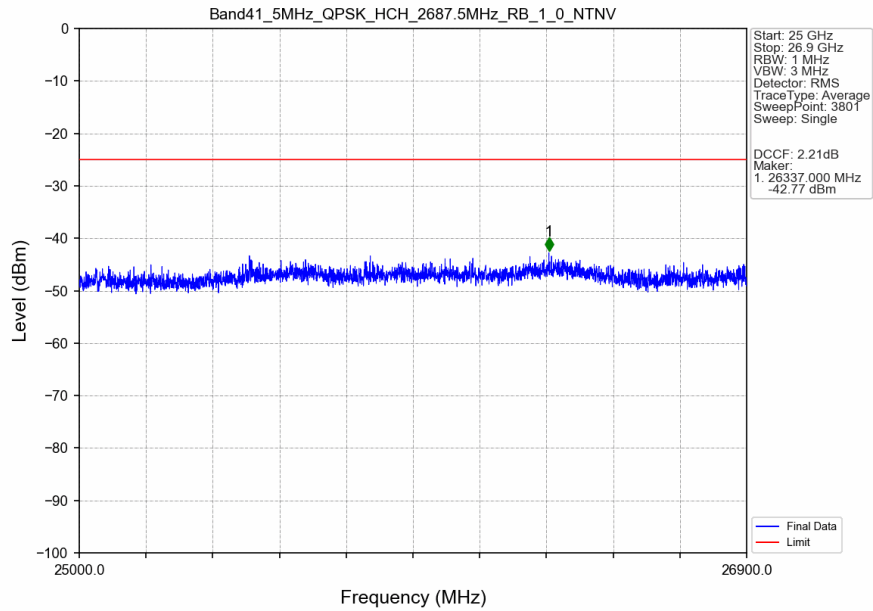
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



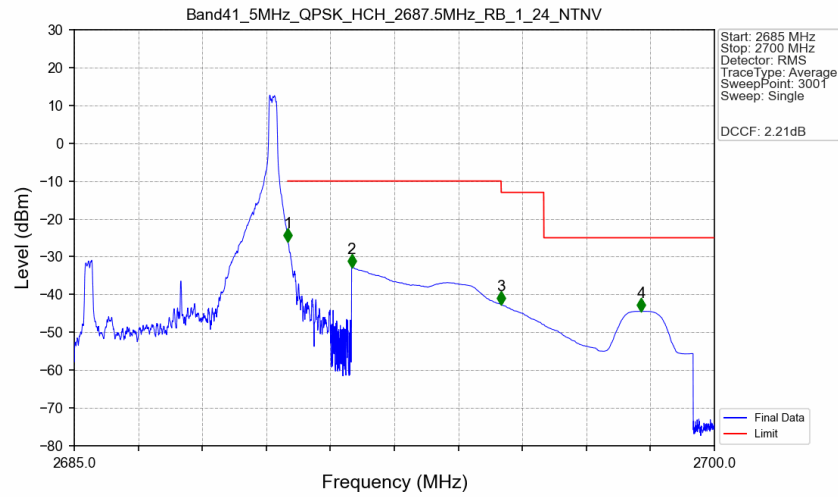
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTV

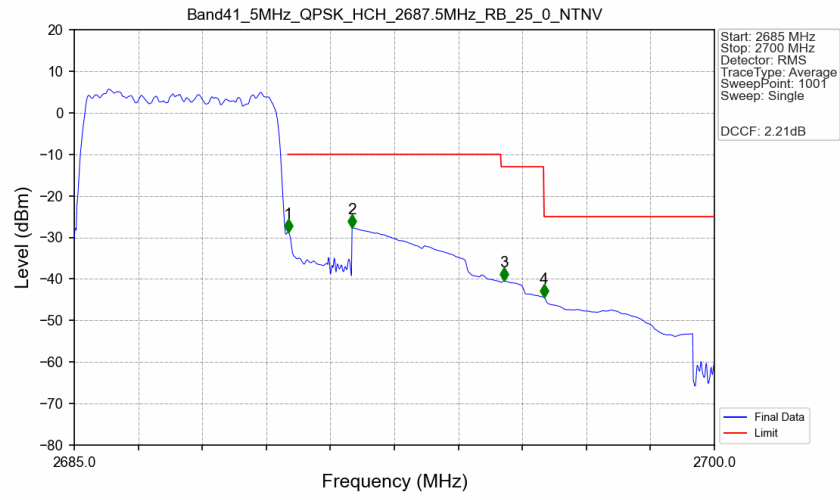


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTV



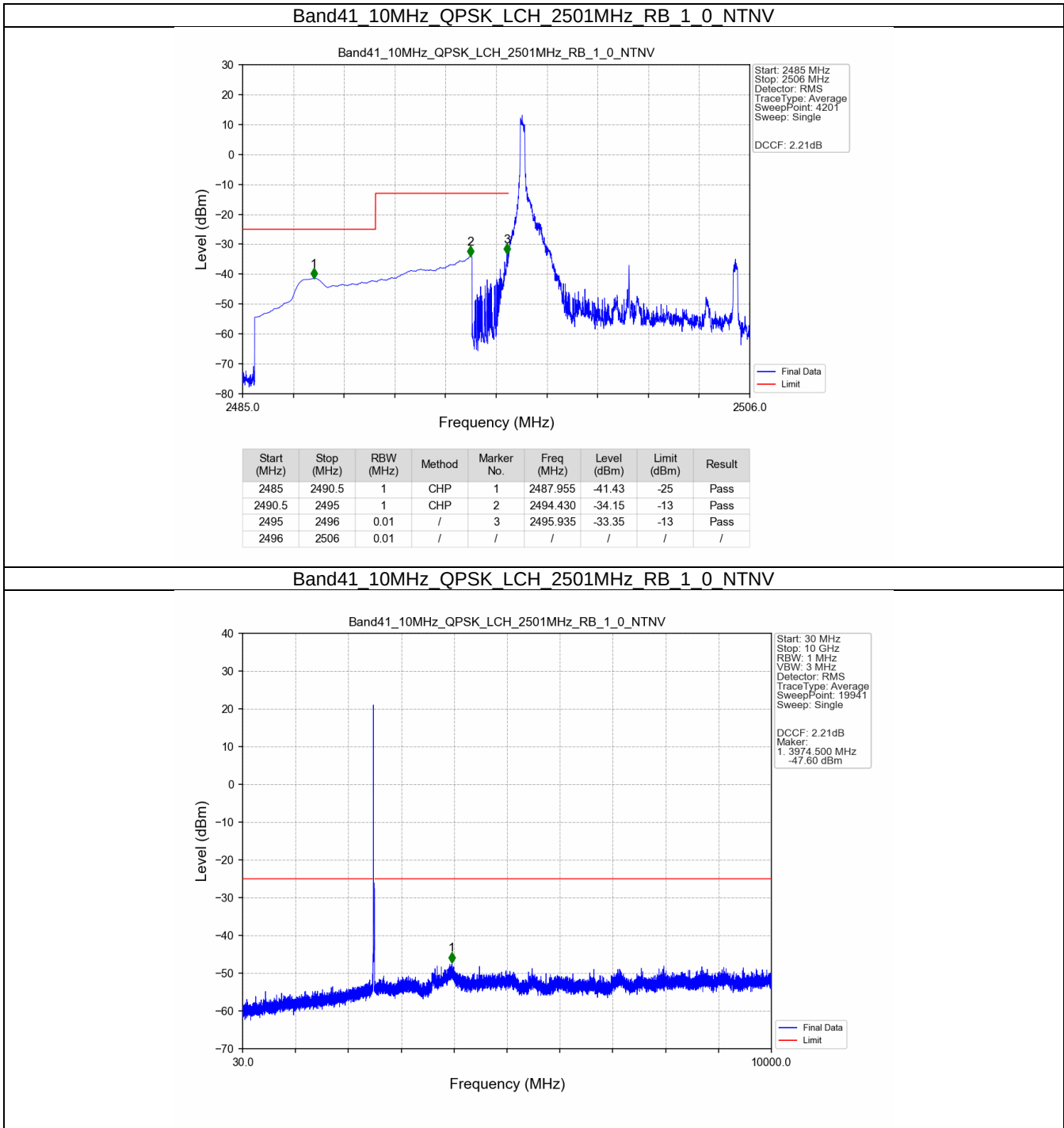
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-26.10	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.87	-10	Pass
2695	2696	1	CHP	3	2695.005	-42.65	-13	Pass
2696	2700	1	CHP	4	2698.285	-44.45	-25	Pass

Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV

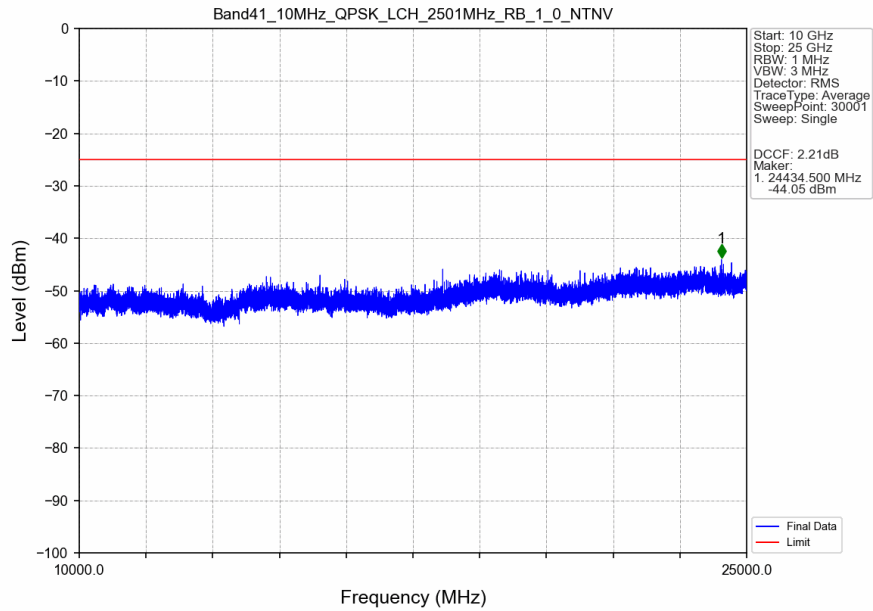


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.102	CHP	/	/	/	/	/
2690	2691	0.102	CHP	1	2690.010	-28.80	-10	Pass
2691	2695	1	CHP	2	2691.510	-27.75	-10	Pass
2695	2696	1	CHP	3	2695.065	-40.48	-13	Pass
2696	2700	1	CHP	4	2696.010	-44.48	-25	Pass

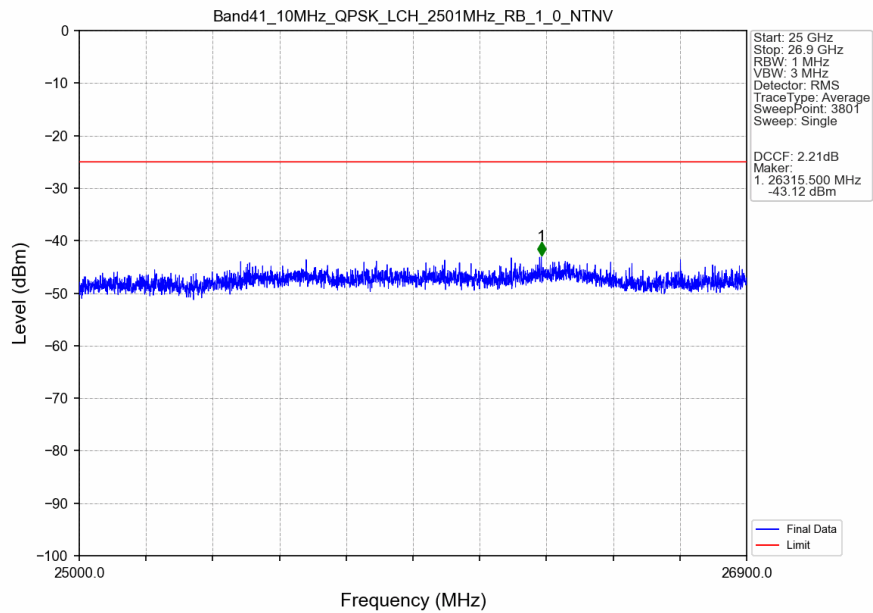
5.2.2 B41_10MHz



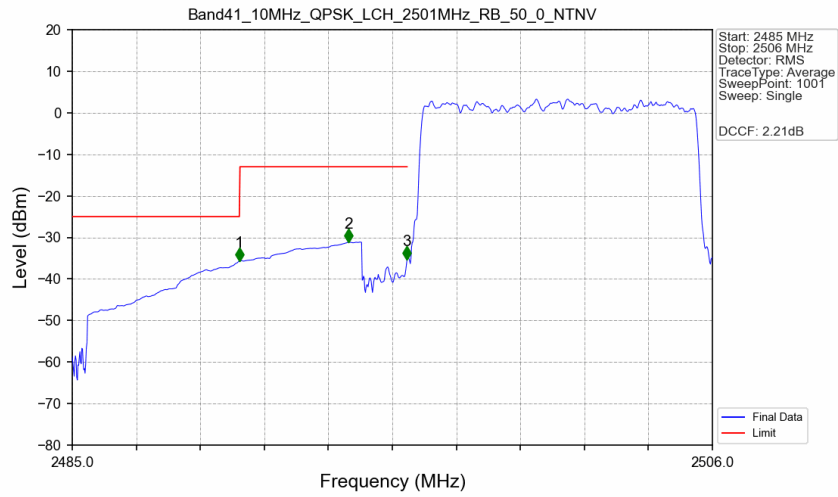
Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN



Band41 10MHz QPSK LCH 2501MHz RB 1 0 NTN

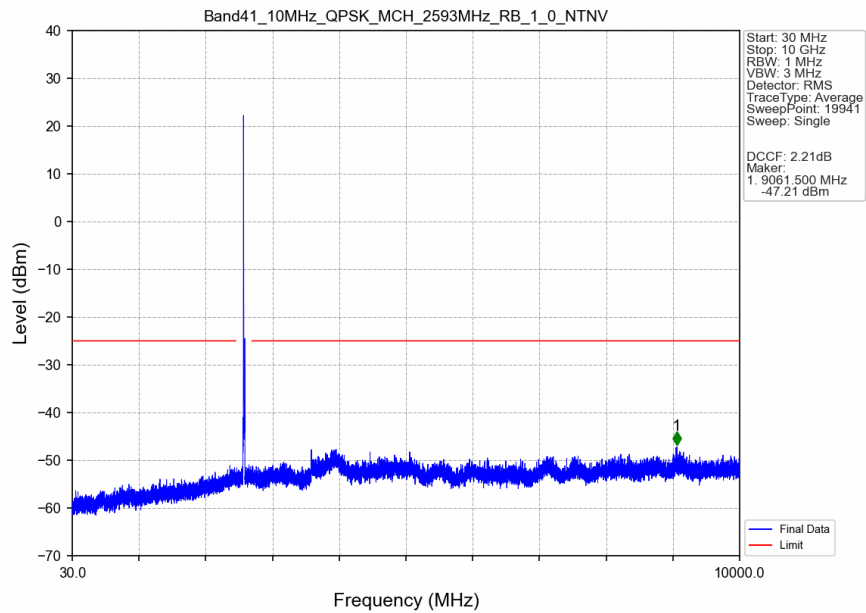


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV

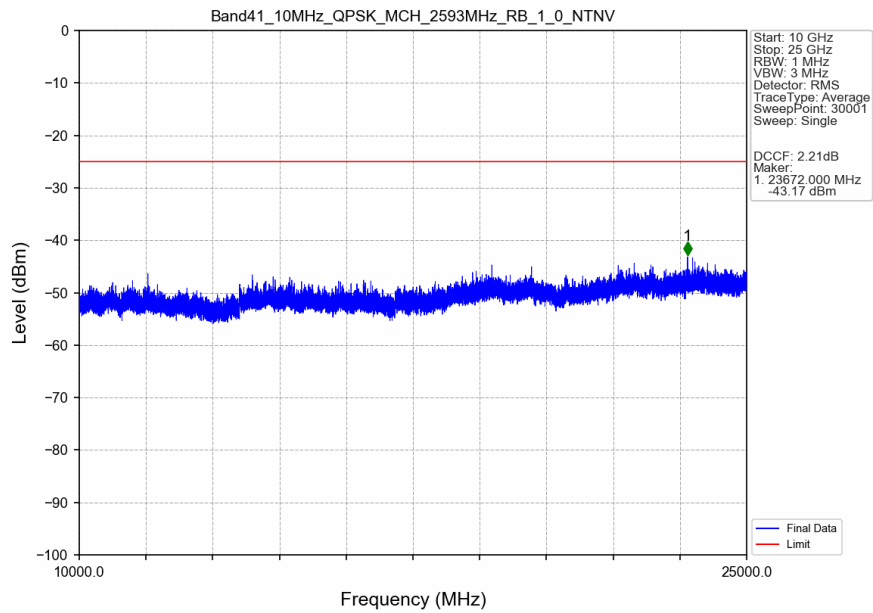


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.481	-35.72	-25	Pass
2490.5	2495	1	CHP	2	2494.072	-31.12	-13	Pass
2495	2496	0.107	CHP	3	2495.983	-35.30	-13	Pass
2496	2506	0.107	CHP	/	/	/	/	/

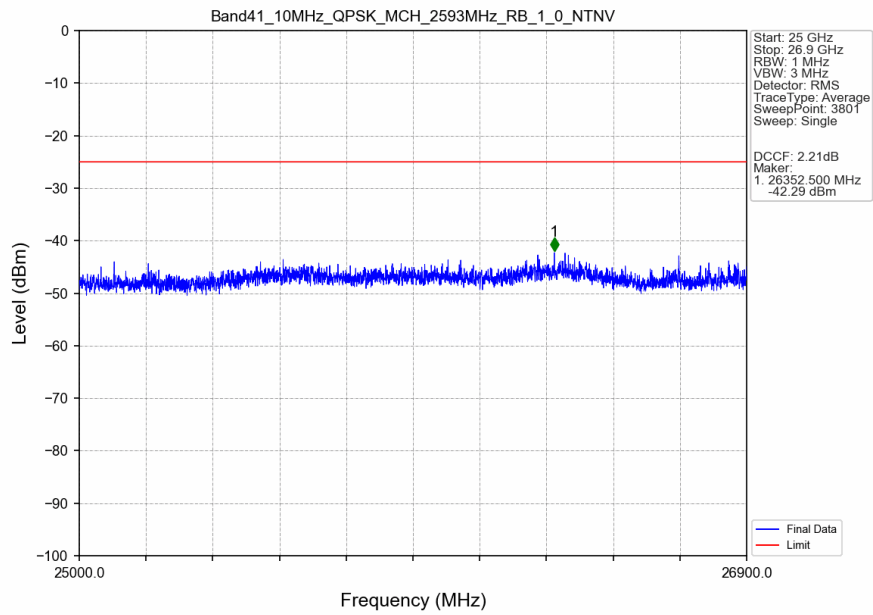
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



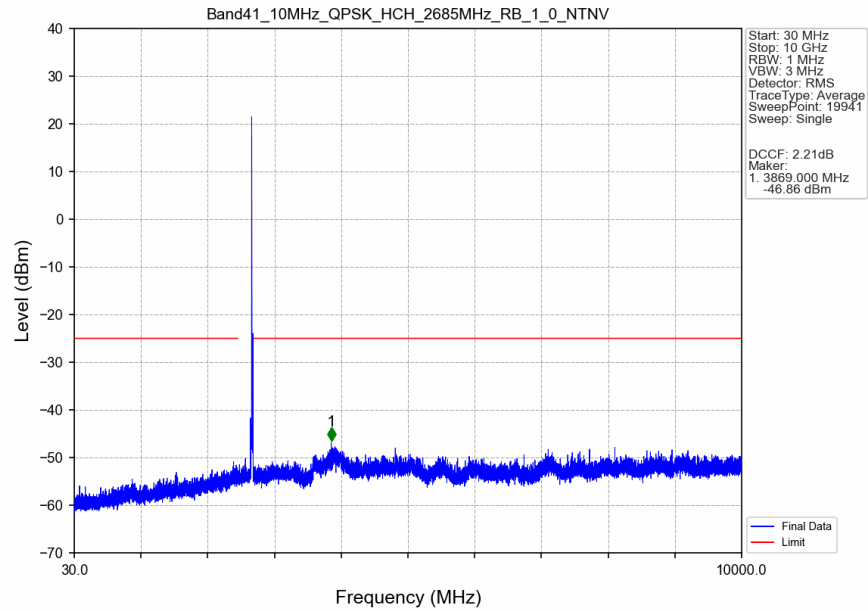
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



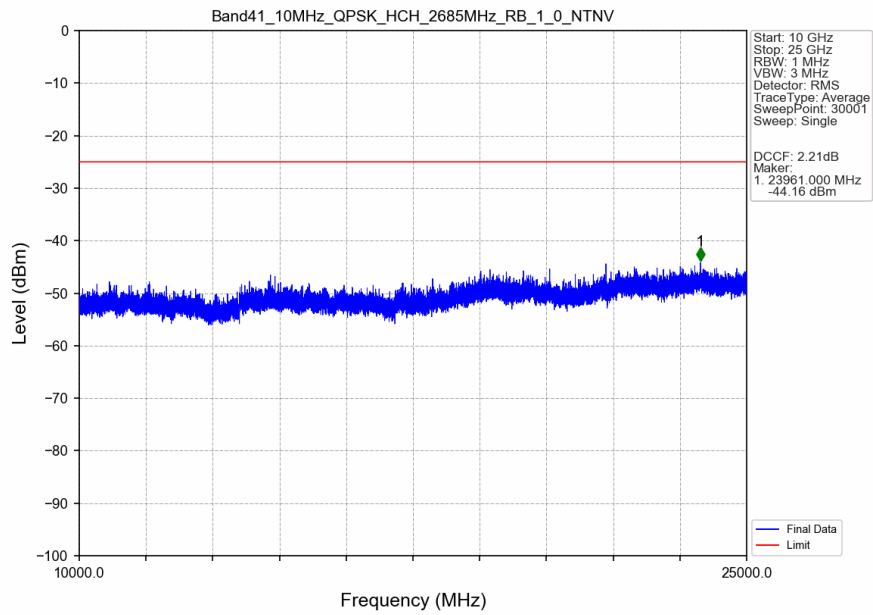
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



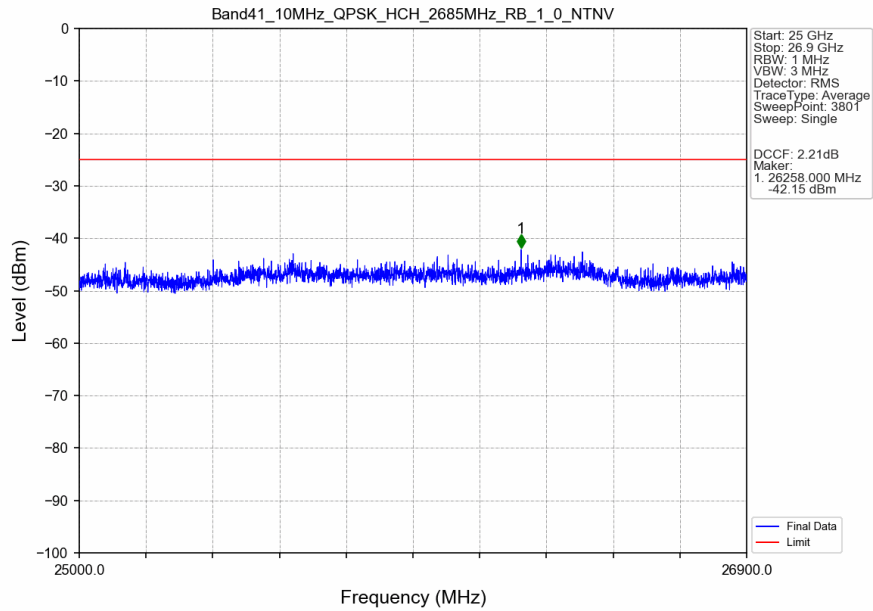
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



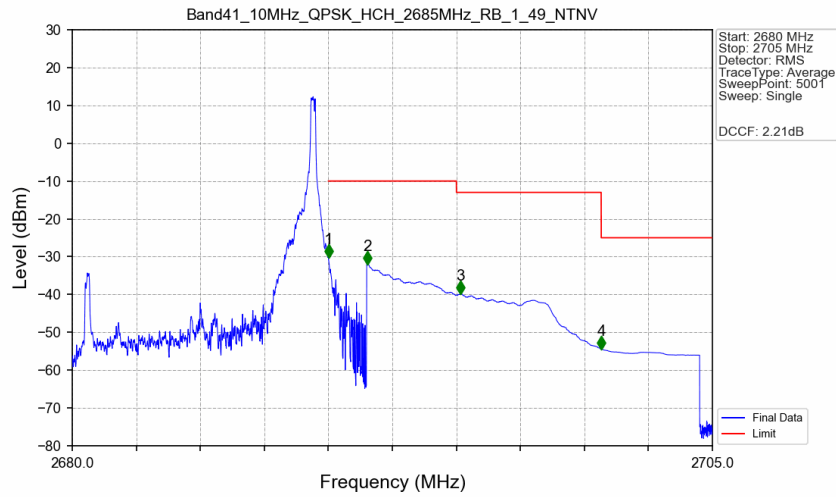
Band41 10MHz QPSK HCH 2685MHz RB 1 0 NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

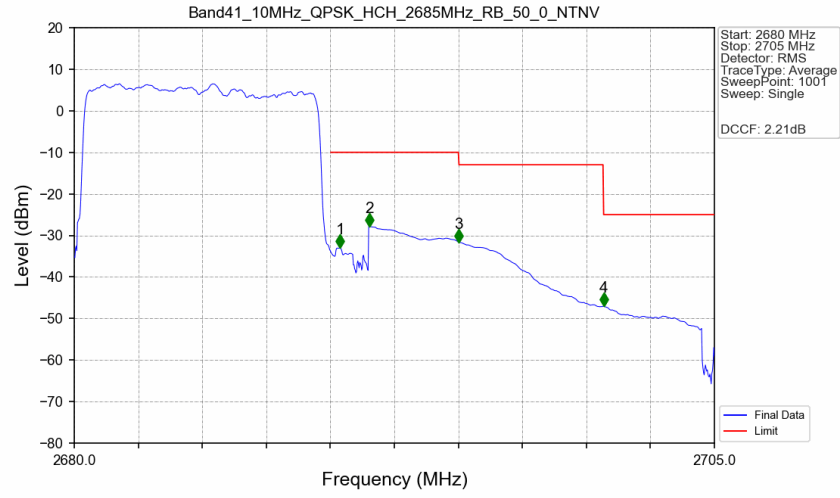


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



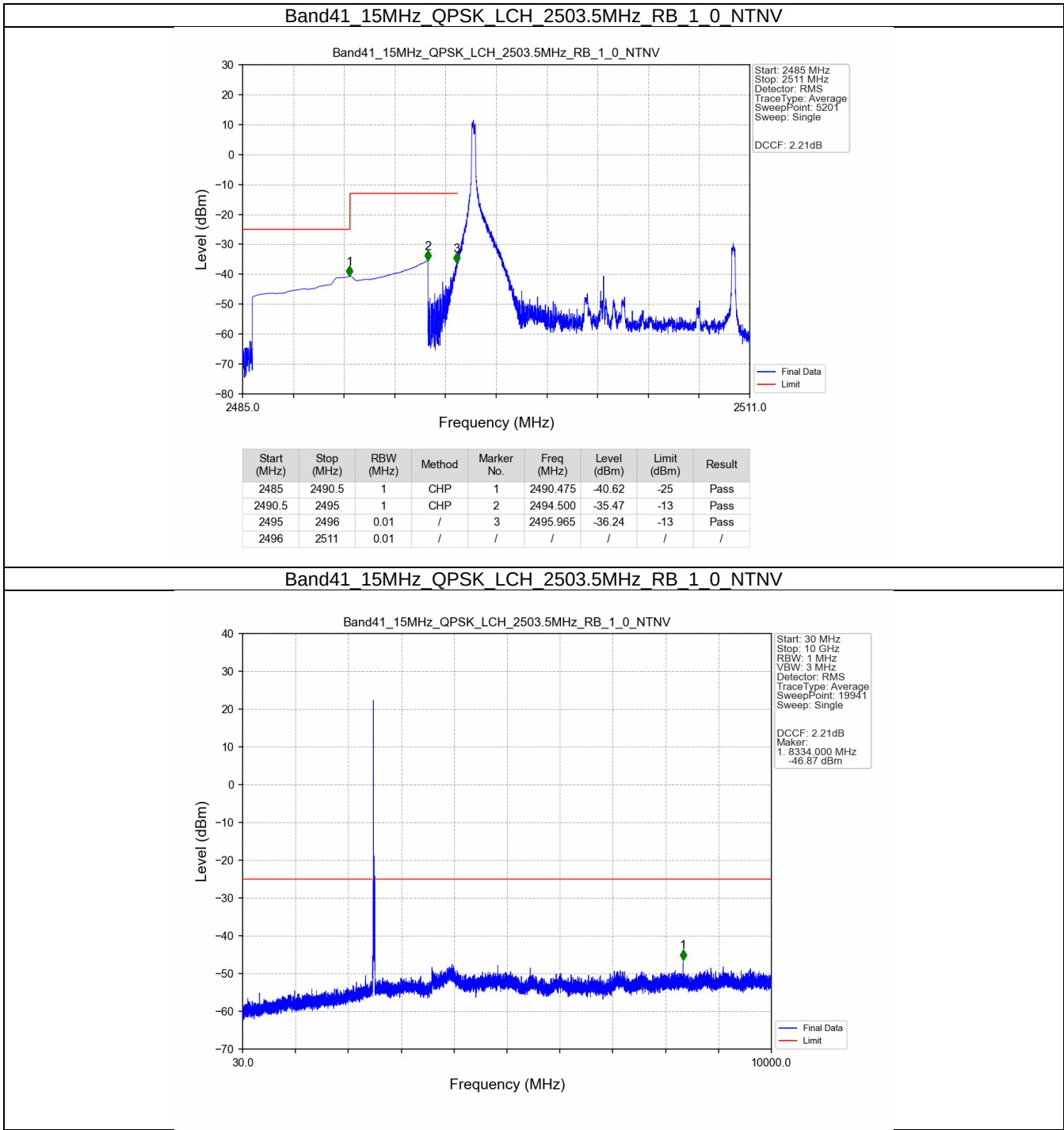
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-30.24	-10	Pass
2691	2695	1	CHP	2	2691.525	-32.06	-10	Pass
2695	2700.657	1	CHP	3	2695.165	-39.85	-13	Pass
2700.657	2705	1	CHP	4	2700.665	-54.48	-25	Pass

Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV

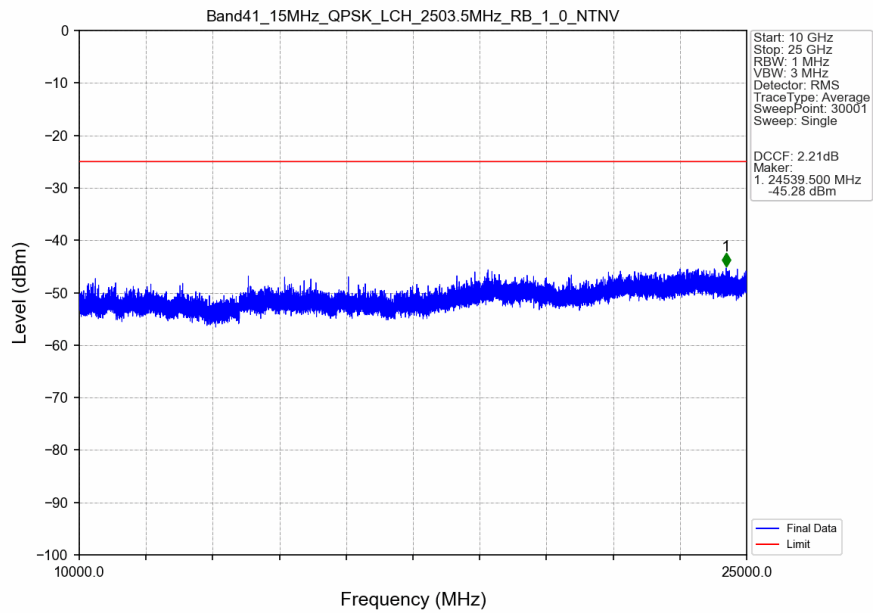


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.213	CHP	/	/	/	/	/
2690	2691	0.213	CHP	1	2690.375	-33.01	-10	Pass
2691	2695	1	CHP	2	2691.525	-27.85	-10	Pass
2695	2700.657	1	CHP	3	2695.025	-31.64	-13	Pass
2700.657	2705	1	CHP	4	2700.675	-47.06	-25	Pass

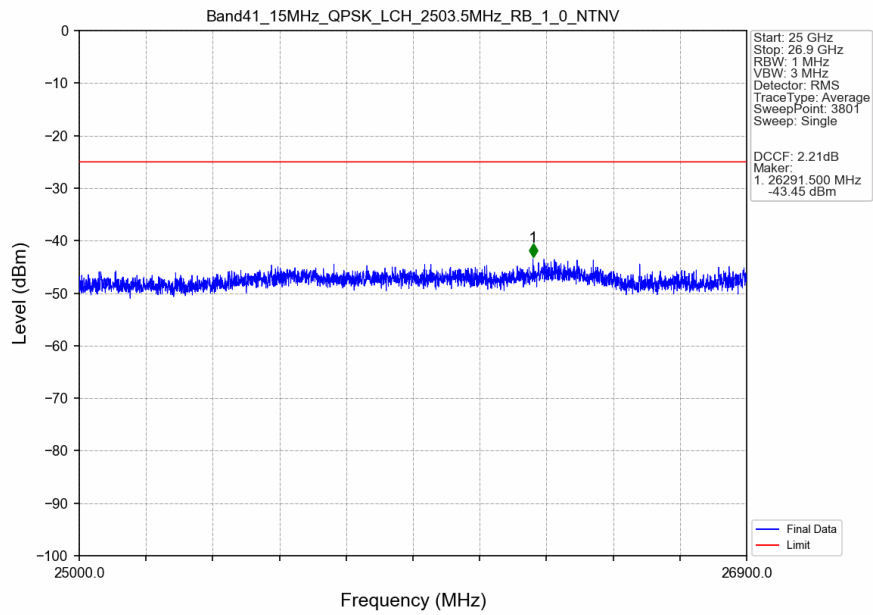
5.2.3 B41_15MHz



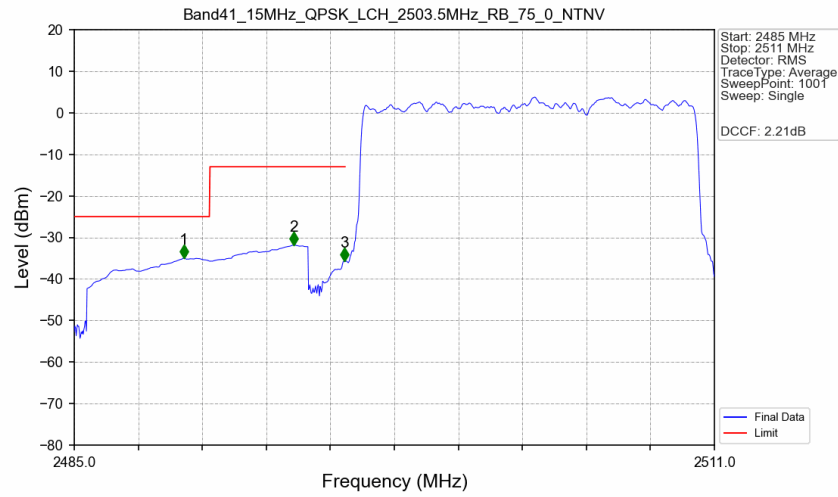
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

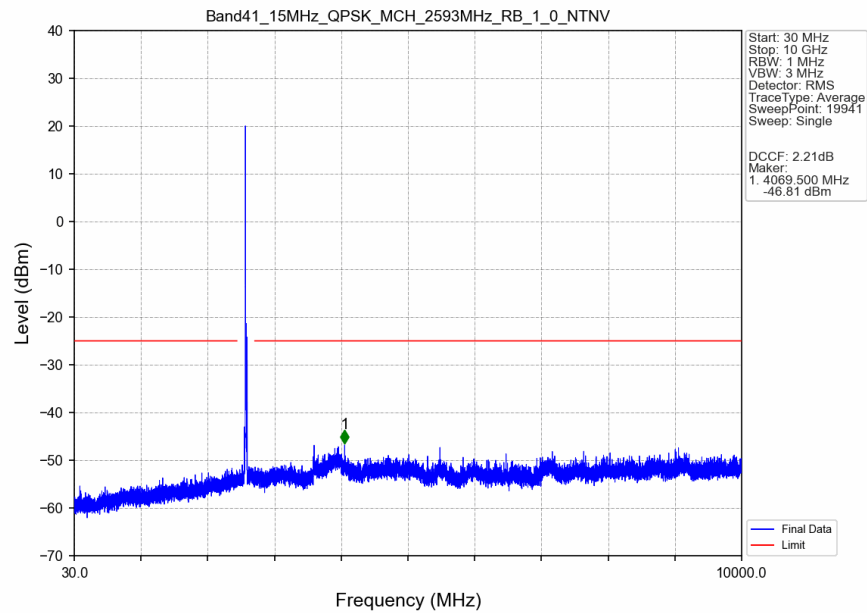


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

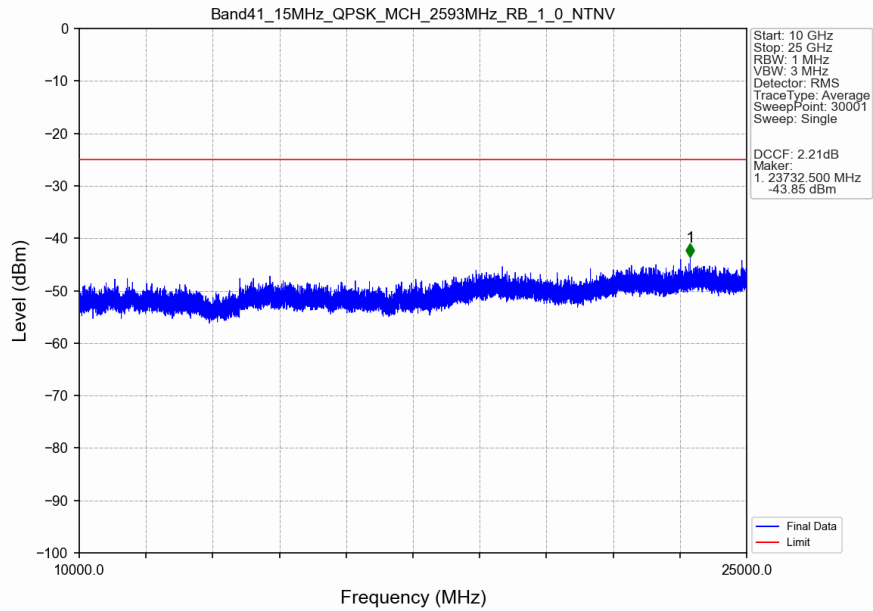


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.446	-35.01	-25	Pass
2490.5	2495	1	CHP	2	2493.918	-31.81	-13	Pass
2495	2496	0.163	CHP	3	2495.972	-35.70	-13	Pass
2496	2511	0.163	CHP	/	/	/	/	/

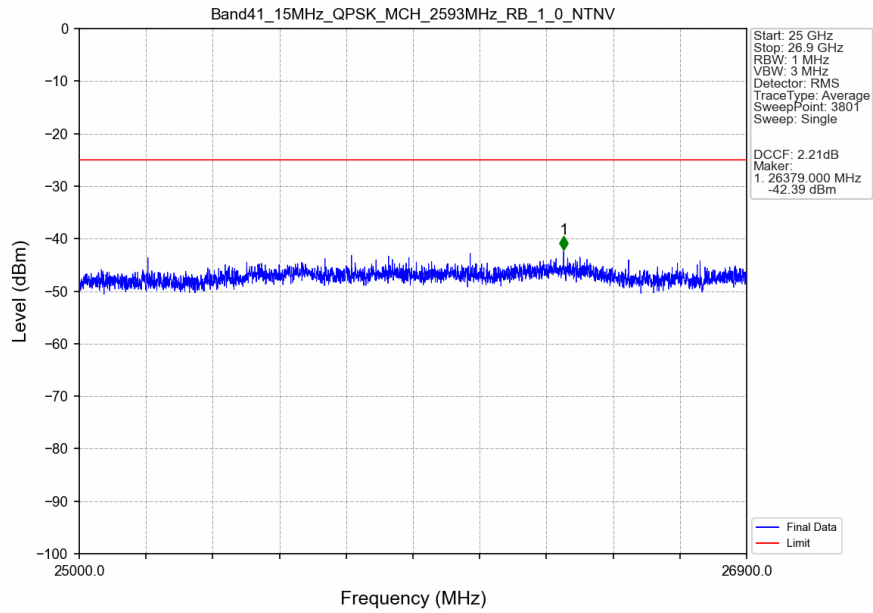
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



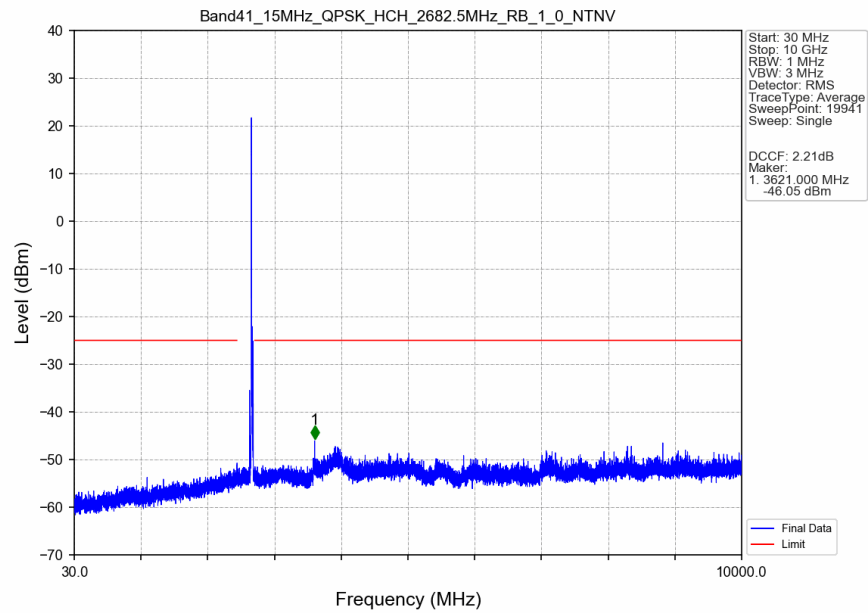
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



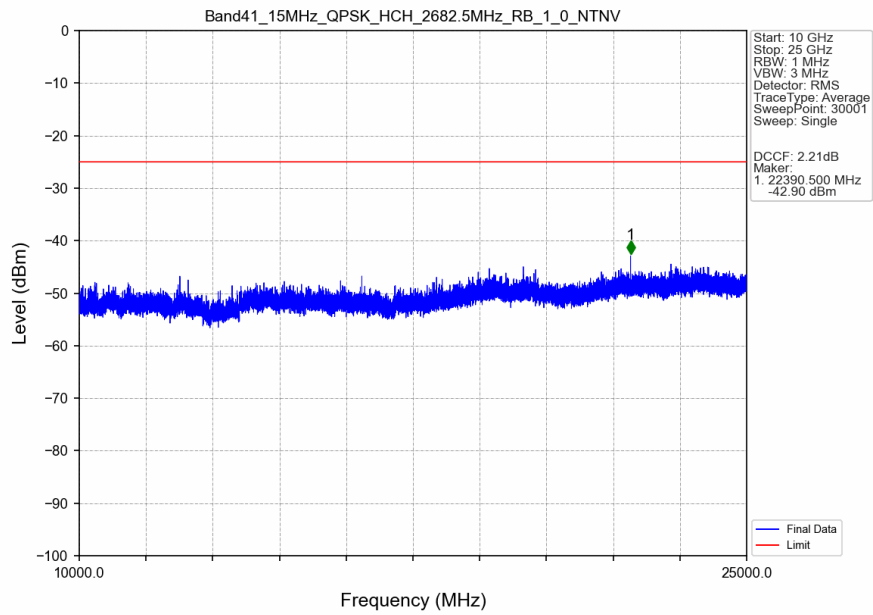
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



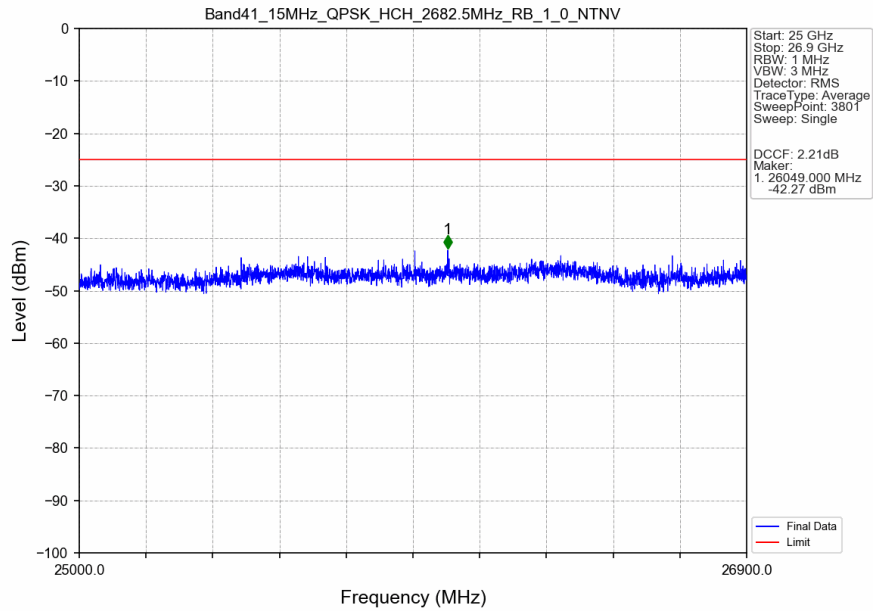
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



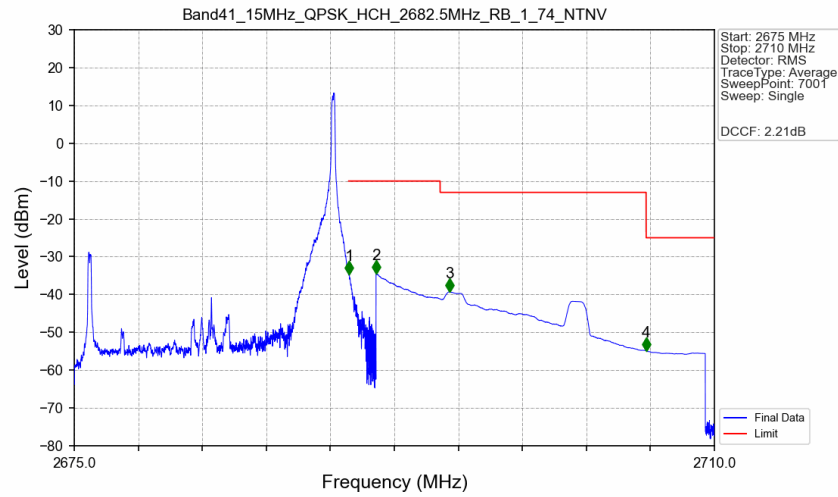
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41 15MHz QPSK HCH 2682.5MHz RB 1 0 NTNV

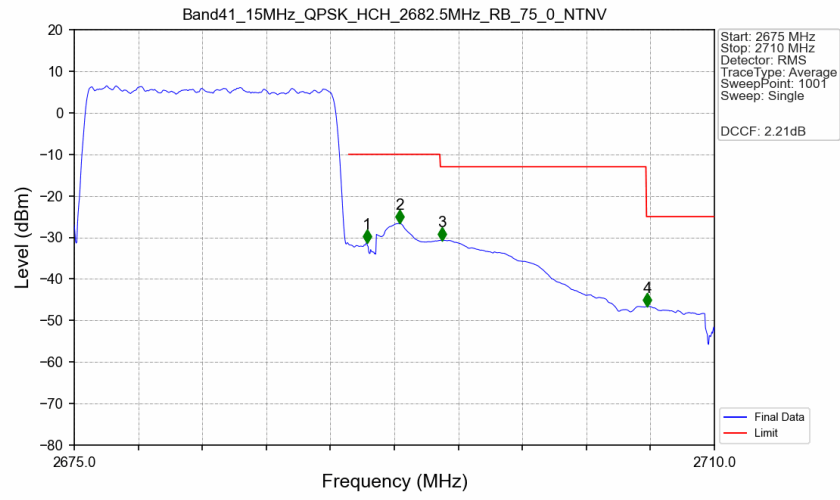


Band41 15MHz QPSK HCH 2682.5MHz RB 1 74 NTNV



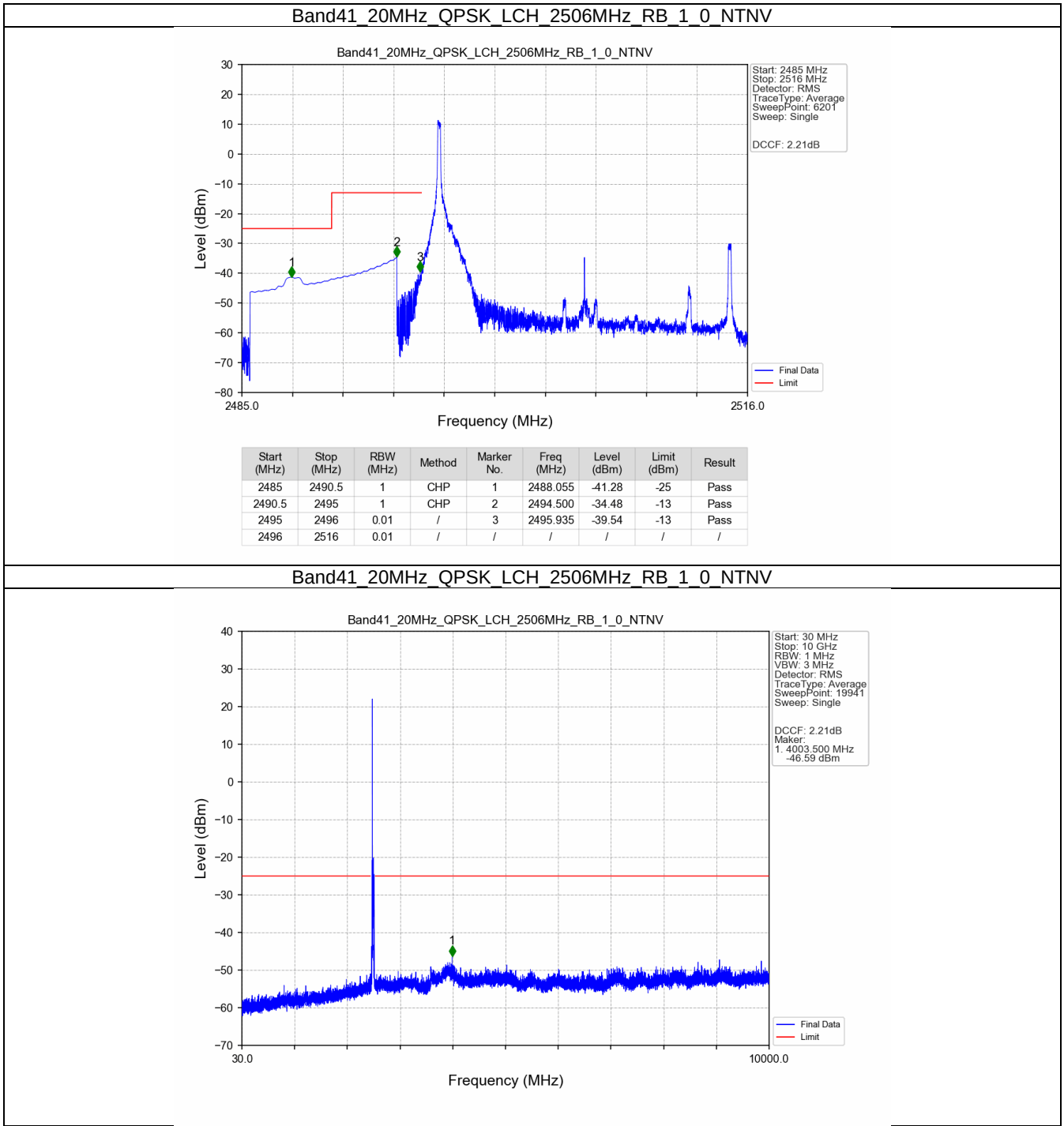
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.030	-34.60	-10	Pass
2691	2695	1	CHP	2	2691.505	-34.55	-10	Pass
2695	2706.265	1	CHP	3	2695.510	-39.31	-13	Pass
2706.265	2710	1	CHP	4	2706.270	-54.86	-25	Pass

Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTNV

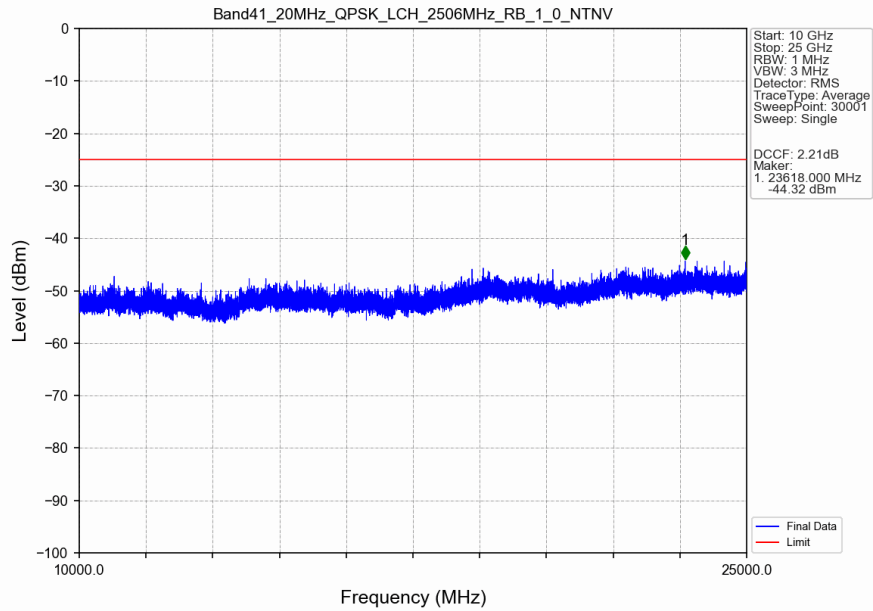


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.325	CHP	/	/	/	/	/
2690	2691	0.325	CHP	1	2690.995	-31.24	-10	Pass
2691	2695	1	CHP	2	2692.780	-26.65	-10	Pass
2695	2706.265	1	CHP	3	2695.125	-30.69	-13	Pass
2706.265	2710	1	CHP	4	2706.325	-46.62	-25	Pass

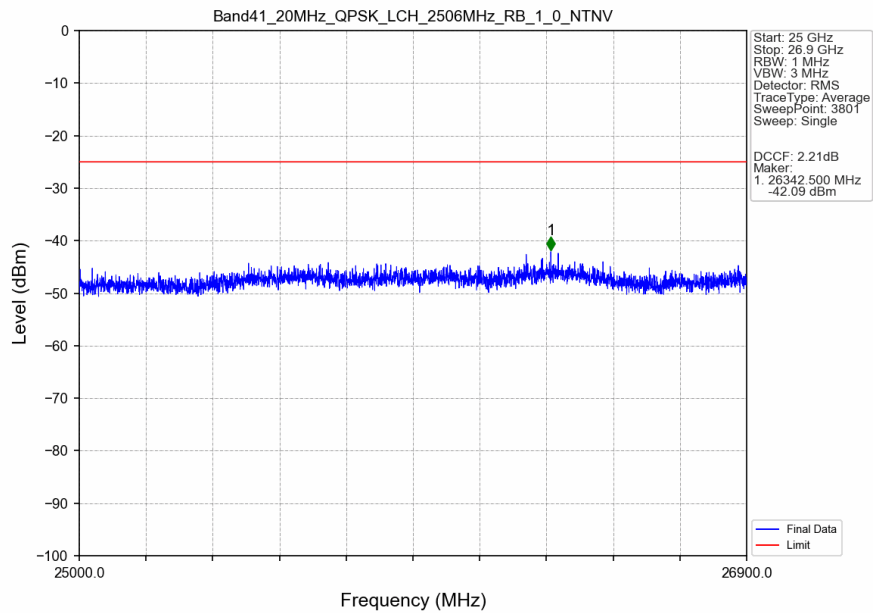
5.2.4 B41_20MHz



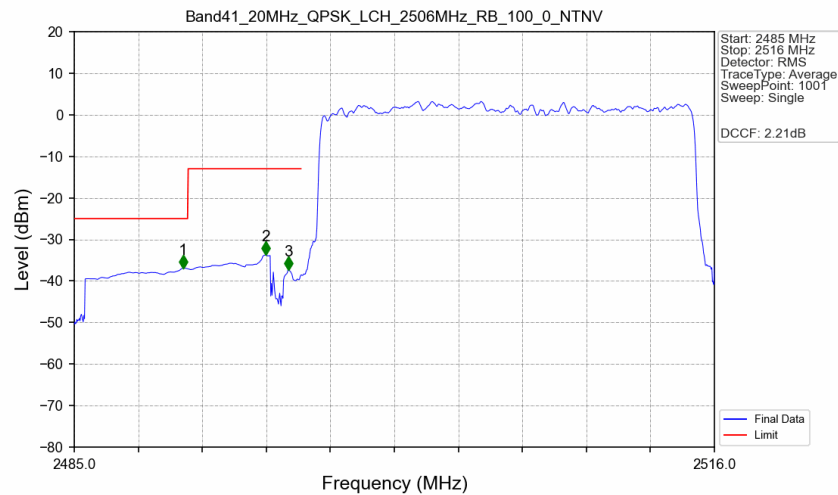
Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV

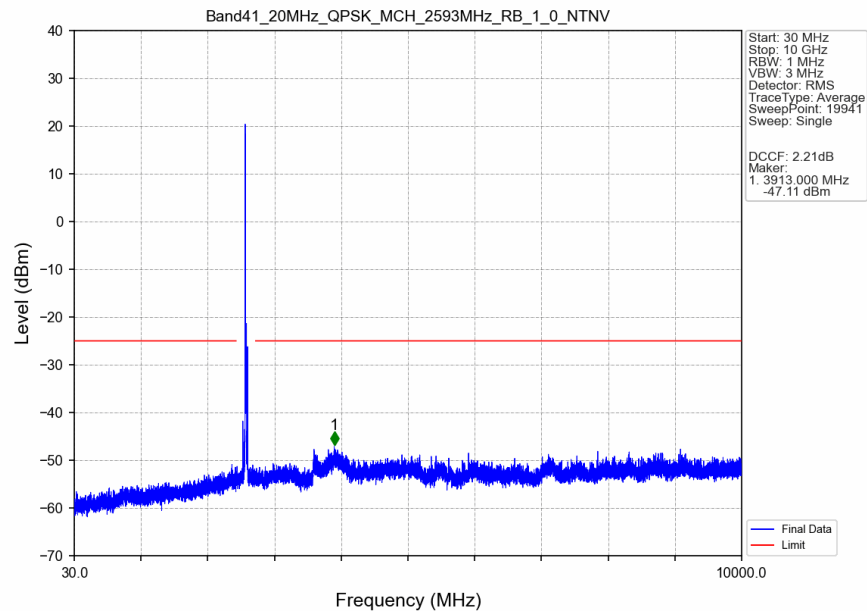


Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTV

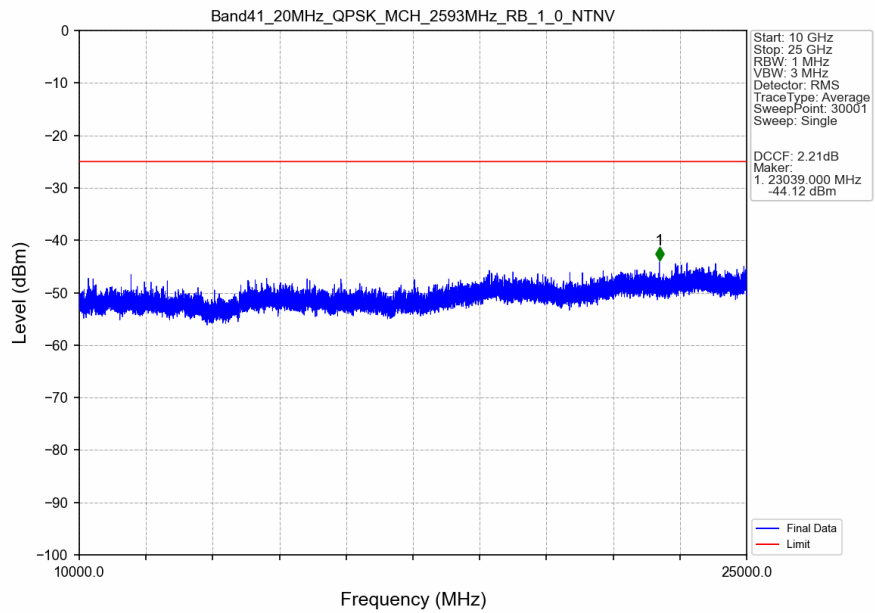


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.270	-36.90	-25	Pass
2490.5	2495	1	CHP	2	2494.269	-33.73	-13	Pass
2495	2496	0.215	CHP	3	2495.354	-37.25	-13	Pass
2496	2516	0.215	CHP	/	/	/	/	/

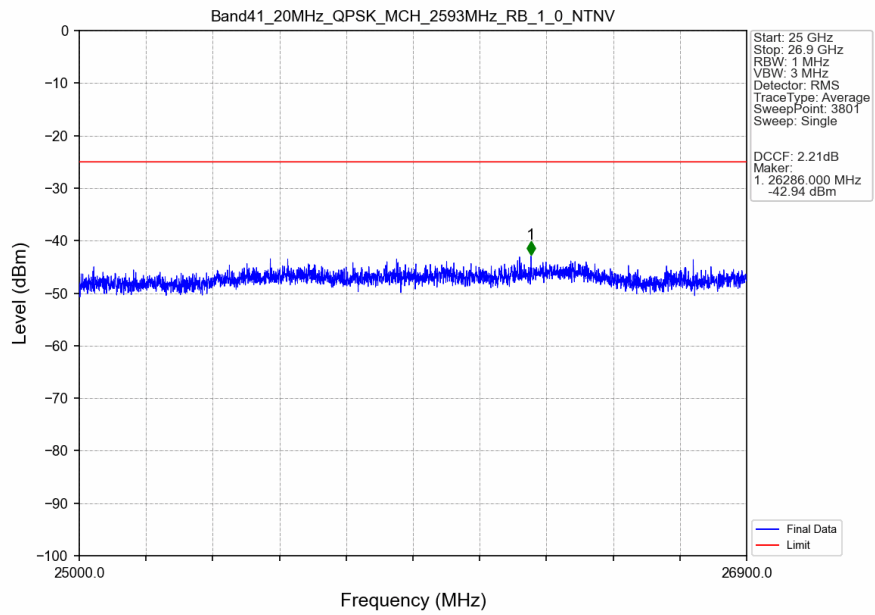
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



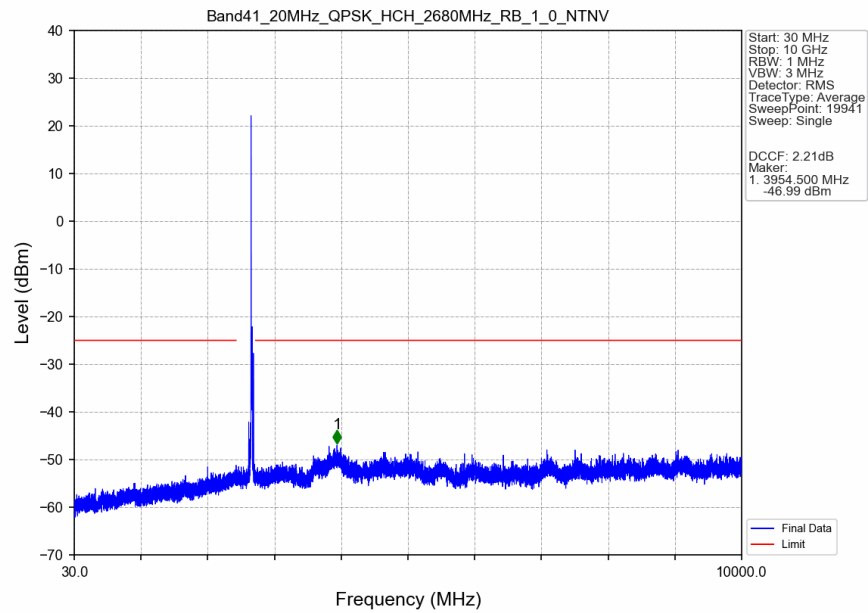
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



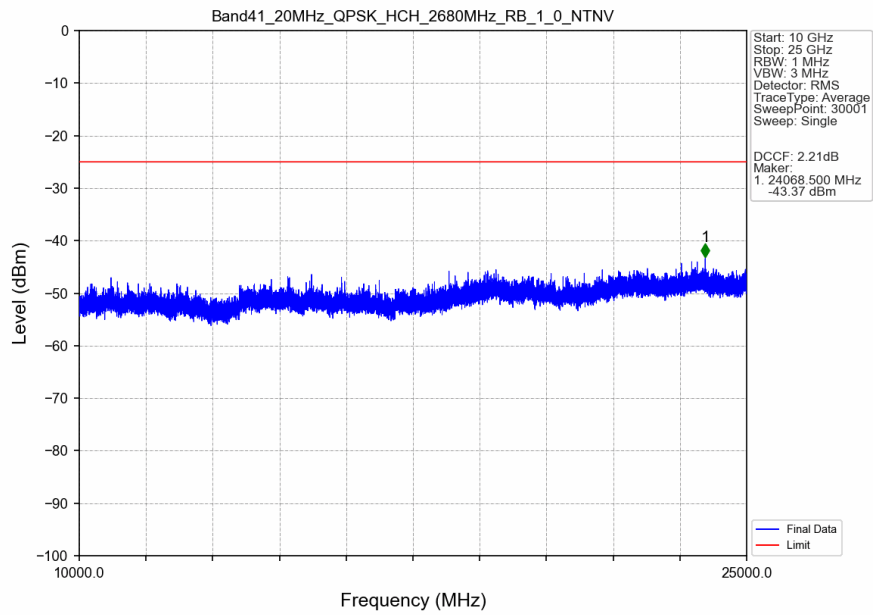
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



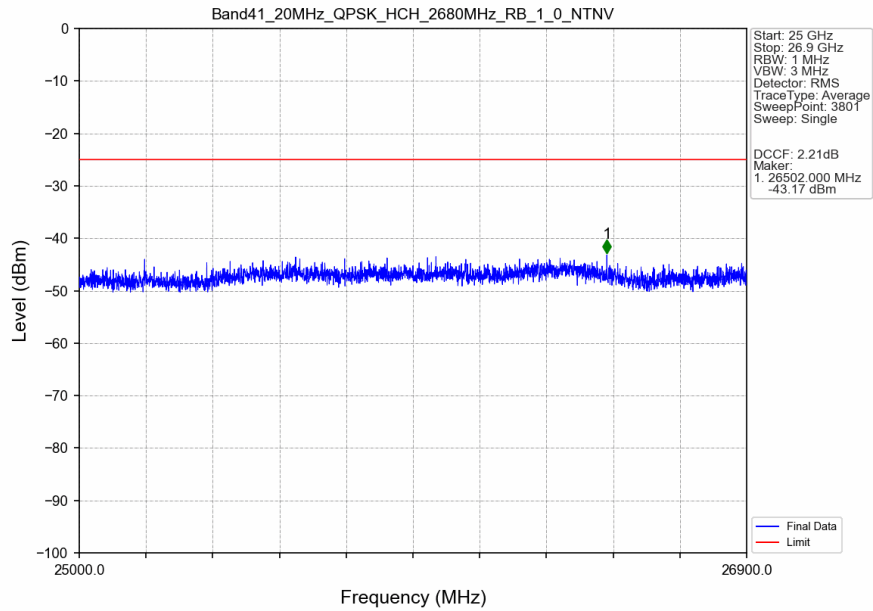
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



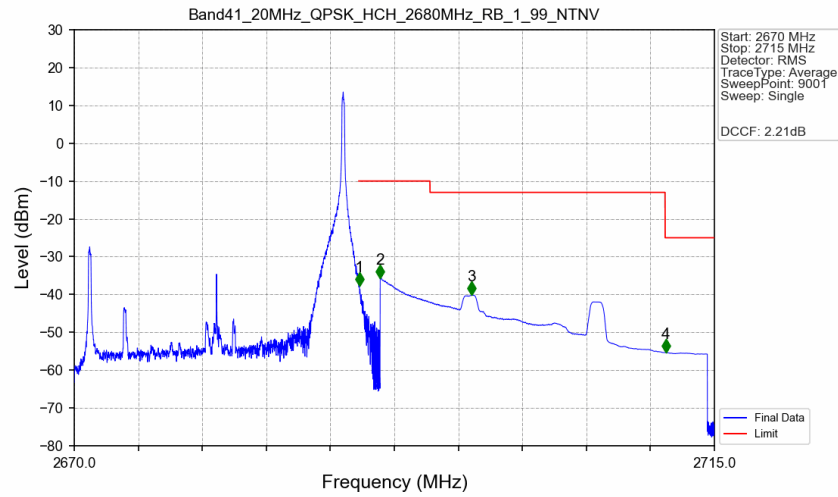
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV



Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTNV

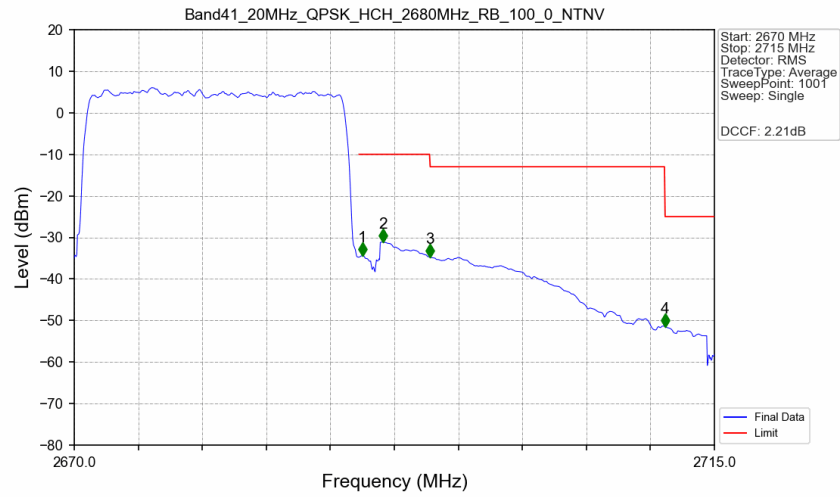


Band41 20MHz QPSK HCH 2680MHz RB 1 99 NTNV



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	2690.040	-37.65	-10	Pass
2691	2695	1	CHP	2	2691.500	-35.65	-10	Pass
2695	2711.534	1	CHP	3	2697.940	-40.15	-13	Pass
2711.534	2715	1	CHP	4	2711.580	-55.35	-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	0.431	CHP	/	/	/	/	/
2690	2691	0.431	CHP	1	2690.250	-34.42	-10	Pass
2691	2695	1	CHP	2	2691.690	-31.10	-10	Pass
2695	2711.534	1	CHP	3	2695.020	-34.77	-13	Pass
2711.534	2715	1	CHP	4	2711.535	-51.53	-25	Pass