

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B41_5MHz_EIRP

Band: 41 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2498.5	1	0	25.32	4.50	29.82	<=33.01	Pass
			13	25.57	4.50	30.07	<=33.01	Pass
			24	25.67	4.50	30.17	<=33.01	Pass
		12	0	24.58	4.50	29.08	<=33.01	Pass
			6	24.54	4.50	29.04	<=33.01	Pass
			13	24.52	4.50	29.02	<=33.01	Pass
		25	0	24.62	4.50	29.12	<=33.01	Pass
	2593	1	0	25.48	4.50	29.98	<=33.01	Pass
			13	25.41	4.50	29.91	<=33.01	Pass
			24	25.43	4.50	29.93	<=33.01	Pass
		12	0	24.77	4.50	29.27	<=33.01	Pass
			6	24.67	4.50	29.17	<=33.01	Pass
			13	24.61	4.50	29.11	<=33.01	Pass
	25	0	24.67	4.50	29.17	<=33.01	Pass	
	2687.5	1	0	23.01	4.50	27.51	<=33.01	Pass
			13	22.99	4.50	27.49	<=33.01	Pass
			24	22.88	4.50	27.38	<=33.01	Pass
		12	0	22.08	4.50	26.58	<=33.01	Pass
			6	22.00	4.50	26.50	<=33.01	Pass
			13	21.95	4.50	26.45	<=33.01	Pass
		25	0	22.02	4.50	26.52	<=33.01	Pass
16QAM	2498.5	1	0	24.65	4.50	29.15	<=33.01	Pass
			13	24.65	4.50	29.15	<=33.01	Pass
			24	24.64	4.50	29.14	<=33.01	Pass
		12	0	23.52	4.50	28.02	<=33.01	Pass
			6	23.54	4.50	28.04	<=33.01	Pass
			13	23.53	4.50	28.03	<=33.01	Pass
		25	0	23.51	4.50	28.01	<=33.01	Pass
	2593	1	0	24.69	4.50	29.19	<=33.01	Pass
			13	24.55	4.50	29.05	<=33.01	Pass
			24	24.47	4.50	28.97	<=33.01	Pass
		12	0	23.84	4.50	28.34	<=33.01	Pass
			6	23.77	4.50	28.27	<=33.01	Pass
			13	23.72	4.50	28.22	<=33.01	Pass
	25	0	23.79	4.50	28.29	<=33.01	Pass	
	2687.5	1	0	21.97	4.50	26.47	<=33.01	Pass
			13	21.88	4.50	26.38	<=33.01	Pass
			24	21.78	4.50	26.28	<=33.01	Pass
		12	0	21.16	4.50	25.66	<=33.01	Pass
			6	21.11	4.50	25.61	<=33.01	Pass
			13	21.15	4.50	25.65	<=33.01	Pass
		25	0	21.17	4.50	25.67	<=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	25.69	4.50	30.19	<=33.01	Pass
			25	25.77	4.50	30.27	<=33.01	Pass
			49	25.99	4.50	30.49	<=33.01	Pass
		25	0	24.70	4.50	29.20	<=33.01	Pass
			13	24.70	4.50	29.20	<=33.01	Pass
			25	24.68	4.50	29.18	<=33.01	Pass
		50	0	24.68	4.50	29.18	<=33.01	Pass
	2593	1	0	25.76	4.50	30.26	<=33.01	Pass
			25	25.61	4.50	30.11	<=33.01	Pass
			49	25.30	4.50	29.80	<=33.01	Pass
		25	0	24.84	4.50	29.34	<=33.01	Pass
			13	24.71	4.50	29.21	<=33.01	Pass
			25	24.58	4.50	29.08	<=33.01	Pass
		50	0	24.73	4.50	29.23	<=33.01	Pass
	2685	1	0	23.36	4.50	27.86	<=33.01	Pass
			25	23.23	4.50	27.73	<=33.01	Pass
			49	23.08	4.50	27.58	<=33.01	Pass
		25	0	22.39	4.50	26.89	<=33.01	Pass
			13	22.27	4.50	26.77	<=33.01	Pass
			25	22.21	4.50	26.71	<=33.01	Pass
		50	0	22.30	4.50	26.80	<=33.01	Pass
16QAM	2501	1	0	24.60	4.50	29.10	<=33.01	Pass
			25	24.60	4.50	29.10	<=33.01	Pass
			49	24.78	4.50	29.28	<=33.01	Pass
		12	0	24.83	4.50	29.33	<=33.01	Pass
			19	24.66	4.50	29.16	<=33.01	Pass
			38	24.78	4.50	29.28	<=33.01	Pass
		27	0	23.62	4.50	28.12	<=33.01	Pass
	2593	1	0	24.74	4.50	29.24	<=33.01	Pass
			25	24.44	4.50	28.94	<=33.01	Pass
			49	24.53	4.50	29.03	<=33.01	Pass
		12	0	24.80	4.50	29.30	<=33.01	Pass
			19	24.64	4.50	29.14	<=33.01	Pass
			38	24.60	4.50	29.10	<=33.01	Pass
		27	0	23.88	4.50	28.38	<=33.01	Pass
	2685	1	0	22.45	4.50	26.95	<=33.01	Pass
			25	22.09	4.50	26.59	<=33.01	Pass
			49	22.33	4.50	26.83	<=33.01	Pass
		12	0	22.44	4.50	26.94	<=33.01	Pass
			19	22.30	4.50	26.80	<=33.01	Pass
			38	22.17	4.50	26.67	<=33.01	Pass
		27	23	21.39	4.50	25.89	<=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	25.09	4.50	29.59	<=33.01	Pass
			38	25.14	4.50	29.64	<=33.01	Pass
			74	25.08	4.50	29.58	<=33.01	Pass
		36	0	24.46	4.50	28.96	<=33.01	Pass
			18	24.41	4.50	28.91	<=33.01	Pass
			39	24.39	4.50	28.89	<=33.01	Pass
		75	0	24.50	4.50	29.00	<=33.01	Pass
	2593	1	0	25.45	4.50	29.95	<=33.01	Pass
			38	25.15	4.50	29.65	<=33.01	Pass
			74	24.87	4.50	29.37	<=33.01	Pass
		36	0	24.64	4.50	29.14	<=33.01	Pass
			18	24.58	4.50	29.08	<=33.01	Pass
			39	24.33	4.50	28.83	<=33.01	Pass
		75	0	24.59	4.50	29.09	<=33.01	Pass
	2682.5	1	0	22.84	4.50	27.34	<=33.01	Pass
			38	22.63	4.50	27.13	<=33.01	Pass
			74	22.31	4.50	26.81	<=33.01	Pass
		36	0	21.95	4.50	26.45	<=33.01	Pass
			18	21.77	4.50	26.27	<=33.01	Pass
			39	21.64	4.50	26.14	<=33.01	Pass
		75	0	21.93	4.50	26.43	<=33.01	Pass
16QAM	2503.5	1	0	24.39	4.50	28.89	<=33.01	Pass
			38	24.43	4.50	28.93	<=33.01	Pass
			74	24.52	4.50	29.02	<=33.01	Pass
		12	0	24.59	4.50	29.09	<=33.01	Pass
			31	24.52	4.50	29.02	<=33.01	Pass
			63	24.35	4.50	28.85	<=33.01	Pass
		27	0	23.53	4.50	28.03	<=33.01	Pass
	2593	1	0	24.76	4.50	29.26	<=33.01	Pass
			38	24.68	4.50	29.18	<=33.01	Pass
			74	24.11	4.50	28.61	<=33.01	Pass
		12	0	24.83	4.50	29.33	<=33.01	Pass
			31	24.68	4.50	29.18	<=33.01	Pass
			63	24.35	4.50	28.85	<=33.01	Pass
		27	0	24.05	4.50	28.55	<=33.01	Pass
	2682.5	1	0	22.38	4.50	26.88	<=33.01	Pass
			38	21.96	4.50	26.46	<=33.01	Pass
			74	21.75	4.50	26.25	<=33.01	Pass
		12	0	22.14	4.50	26.64	<=33.01	Pass
			31	21.95	4.50	26.45	<=33.01	Pass
			63	21.69	4.50	26.19	<=33.01	Pass
		27	48	20.91	4.50	25.41	<=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	25.08	4.50	29.58	<=33.01	Pass
			50	25.35	4.50	29.85	<=33.01	Pass
			99	25.29	4.50	29.79	<=33.01	Pass
		50	0	24.39	4.50	28.89	<=33.01	Pass
			25	24.44	4.50	28.94	<=33.01	Pass
			50	24.35	4.50	28.85	<=33.01	Pass
		100	0	24.36	4.50	28.86	<=33.01	Pass
	2593	1	0	25.54	4.50	30.04	<=33.01	Pass
			50	25.18	4.50	29.68	<=33.01	Pass
			99	24.74	4.50	29.24	<=33.01	Pass
		50	0	24.74	4.50	29.24	<=33.01	Pass
			25	24.44	4.50	28.94	<=33.01	Pass
			50	24.14	4.50	28.64	<=33.01	Pass
		100	0	24.51	4.50	29.01	<=33.01	Pass
	2680	1	0	22.99	4.50	27.49	<=33.01	Pass
			50	22.66	4.50	27.16	<=33.01	Pass
			99	22.37	4.50	26.87	<=33.01	Pass
		50	0	21.99	4.50	26.49	<=33.01	Pass
			25	21.87	4.50	26.37	<=33.01	Pass
			50	21.70	4.50	26.20	<=33.01	Pass
		100	0	21.88	4.50	26.38	<=33.01	Pass
16QAM	2506	1	0	24.58	4.50	29.08	<=33.01	Pass
			50	24.73	4.50	29.23	<=33.01	Pass
			99	24.47	4.50	28.97	<=33.01	Pass
		12	0	24.50	4.50	29.00	<=33.01	Pass
			44	24.59	4.50	29.09	<=33.01	Pass
			88	24.44	4.50	28.94	<=33.01	Pass
		27	0	23.72	4.50	28.22	<=33.01	Pass
	2593	1	0	25.38	4.50	29.88	<=33.01	Pass
			50	24.65	4.50	29.15	<=33.01	Pass
			99	23.98	4.50	28.48	<=33.01	Pass
		12	0	25.05	4.50	29.55	<=33.01	Pass
			44	24.53	4.50	29.03	<=33.01	Pass
			88	24.22	4.50	28.72	<=33.01	Pass
		27	0	24.18	4.50	28.68	<=33.01	Pass
	2680	1	0	22.11	4.50	26.61	<=33.01	Pass
			50	22.13	4.50	26.63	<=33.01	Pass
			99	21.66	4.50	26.16	<=33.01	Pass
		12	0	22.38	4.50	26.88	<=33.01	Pass
			44	22.15	4.50	26.65	<=33.01	Pass
			88	21.74	4.50	26.24	<=33.01	Pass
		27	73	20.83	4.50	25.33	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2593	50	0	20	3.27	-2.489	-0.0010	-2.5 to 2.5	Pass
					3.85	-1.316	-0.0005	-2.5 to 2.5	Pass
					4.43	-3.519	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.332	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-3.104	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	-2.260	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-0.114	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.688	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0022	-2.5 to 2.5	Pass
				40	3.85	0.958	0.0004	-2.5 to 2.5	Pass
				50	3.85	-2.904	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band41_OBW

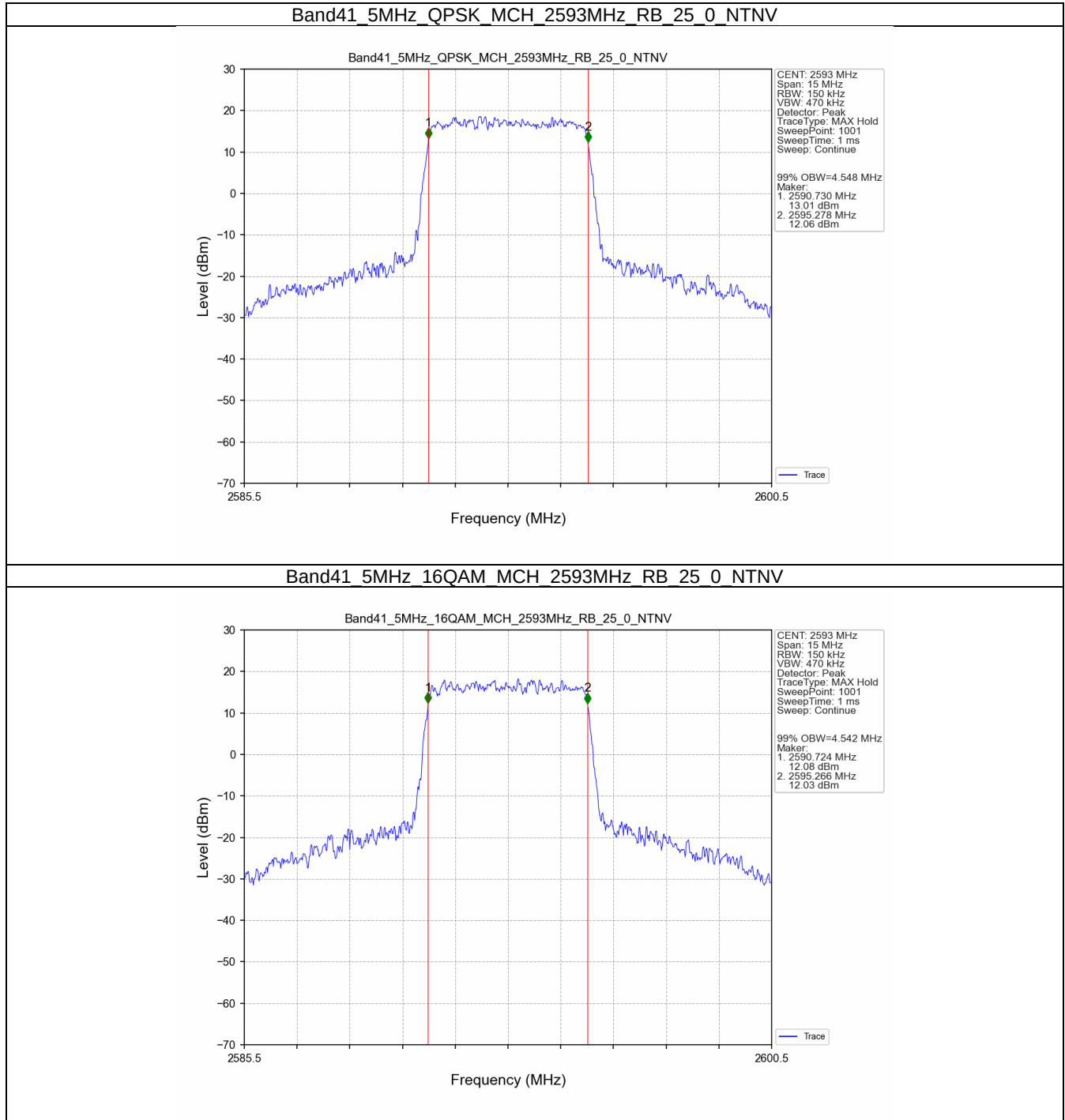
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	4.548	/	Pass
	16QAM	2593	25	0	4.542	/	Pass
10	QPSK	2593	50	0	9.063	/	Pass
	16QAM	2593	27	0	5.056	/	Pass
15	QPSK	2593	75	0	13.602	/	Pass
	16QAM	2593	27	0	5.375	/	Pass
20	QPSK	2593	100	0	18.094	/	Pass
	16QAM	2593	27	0	5.579	/	Pass

3.1.2 Band41_XDB

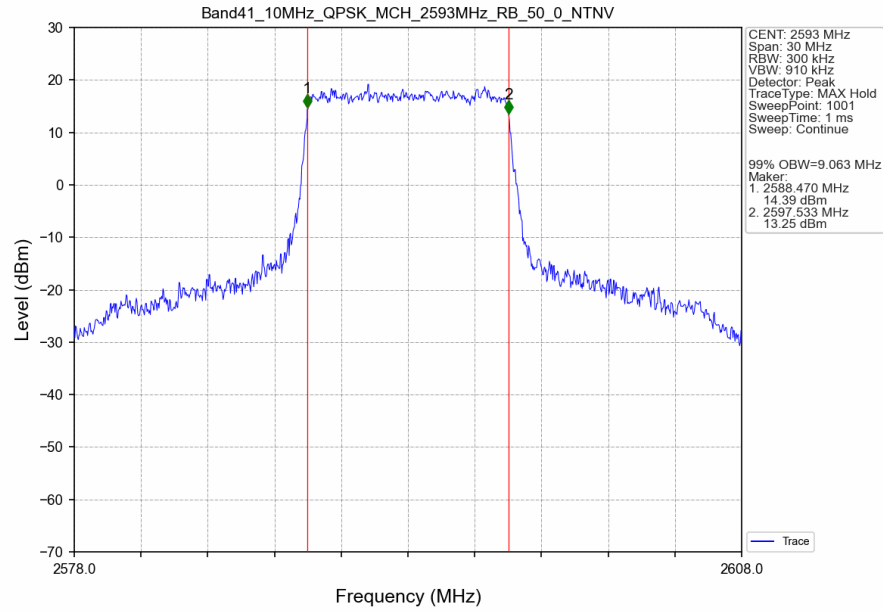
Band: 41 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2593	25	0	5.095	/	Pass
	16QAM	2593	25	0	5.054	/	Pass
10	QPSK	2593	50	0	10.213	/	Pass
	16QAM	2593	27	0	6.300	/	Pass
15	QPSK	2593	75	0	15.420	/	Pass
	16QAM	2593	27	0	6.918	/	Pass
20	QPSK	2593	100	0	20.361	/	Pass
	16QAM	2593	27	0	7.551	/	Pass

3.2 Test Graph

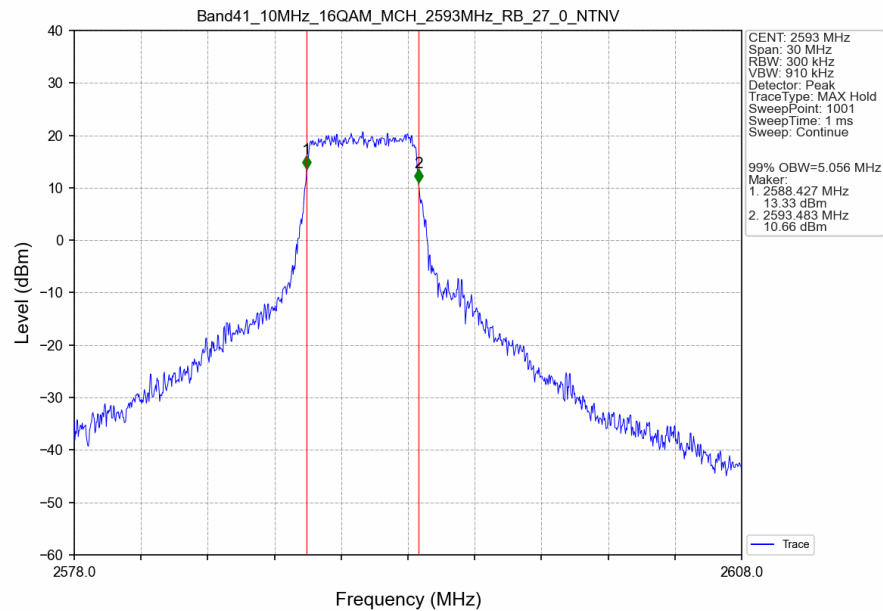
3.2.1 Band41_OBW



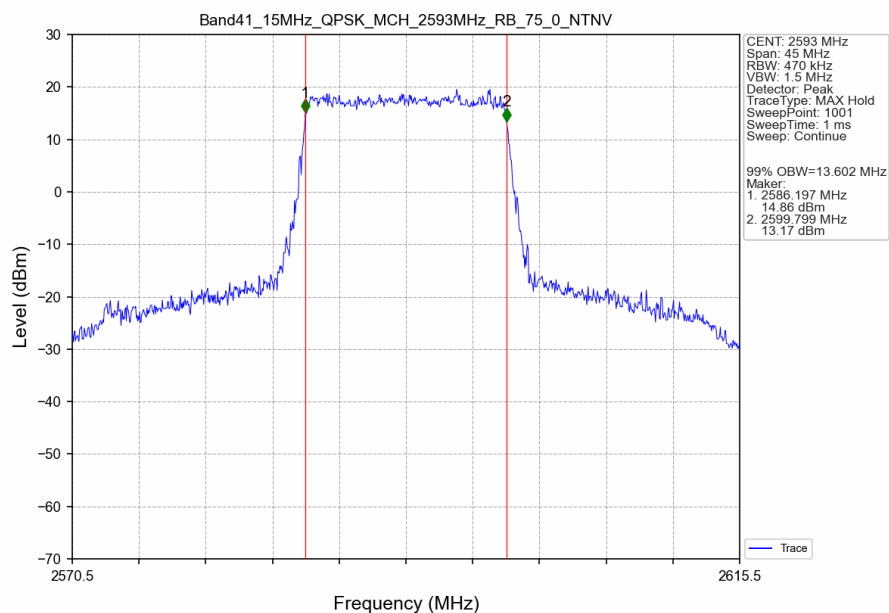
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



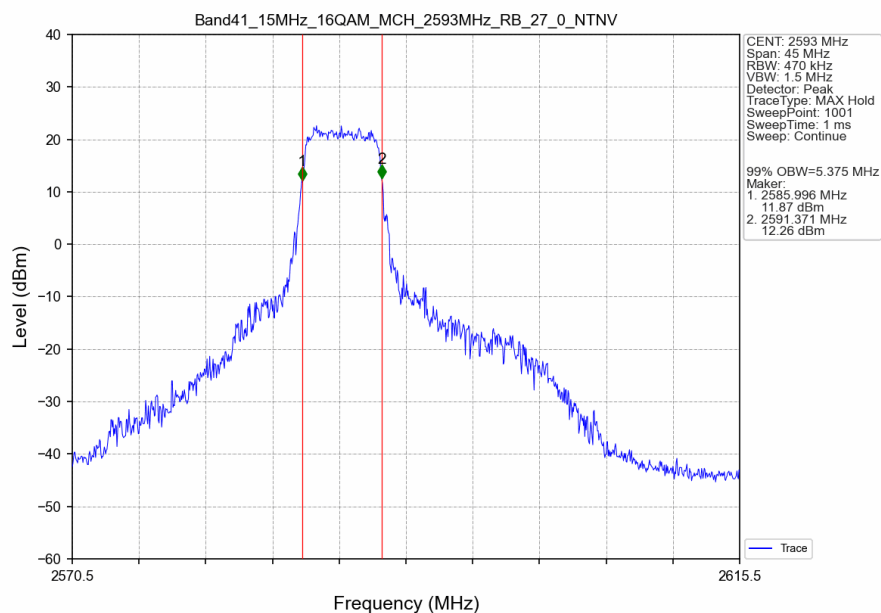
Band41_10MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



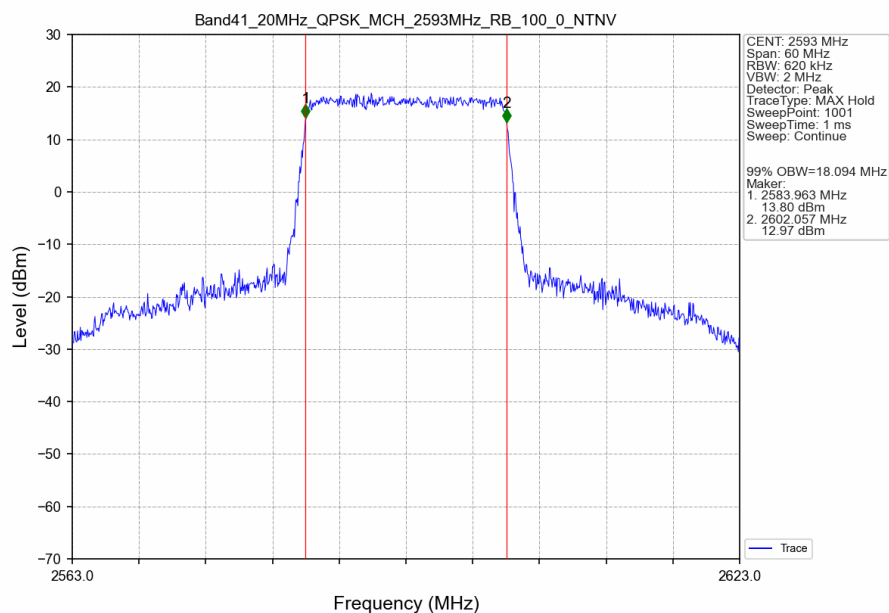
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



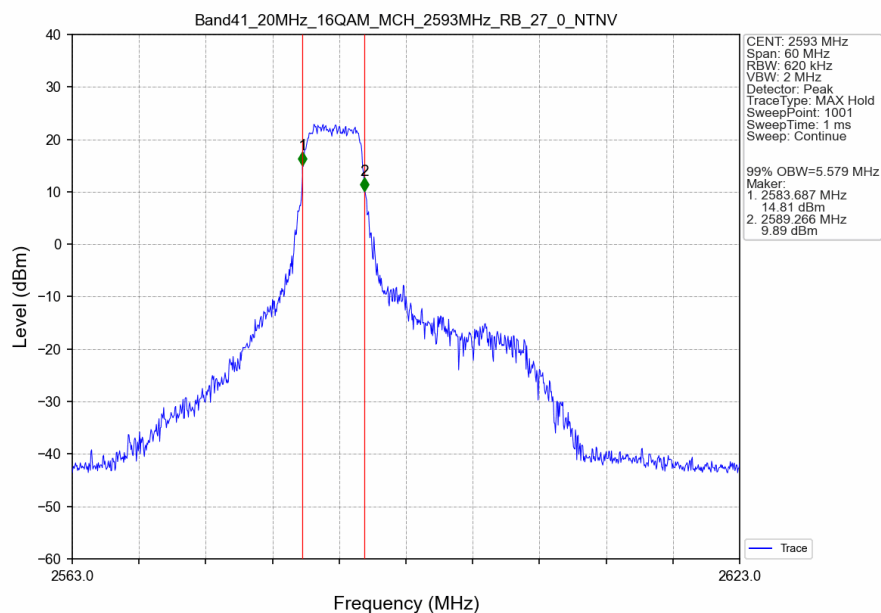
Band41_15MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV

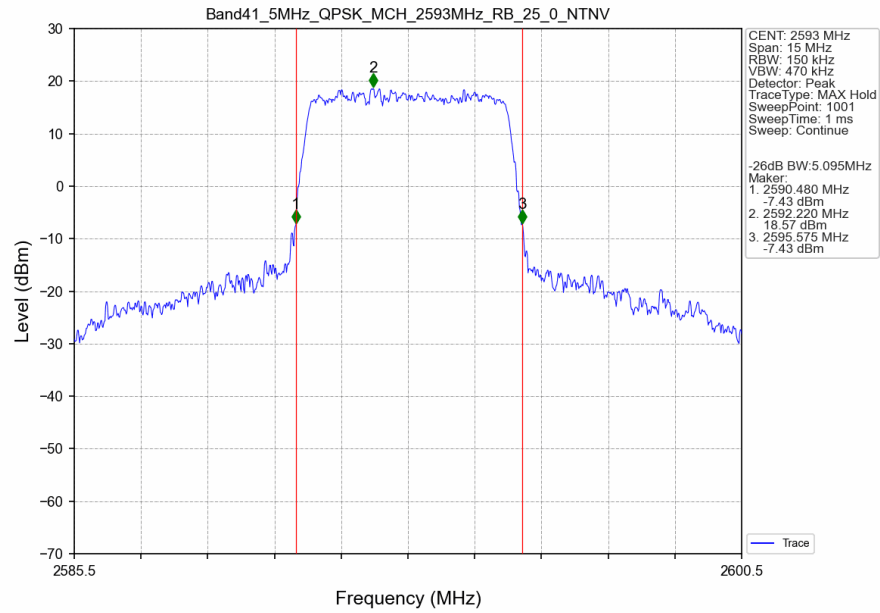


Band41 20MHz 16QAM MCH 2593MHz RB 27 0 NTV

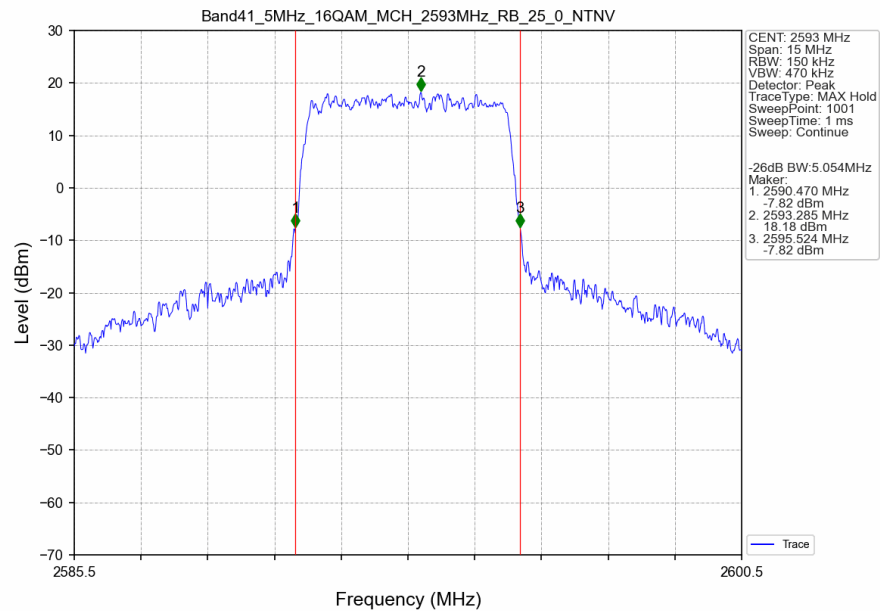


3.2.2 Band41_XDB

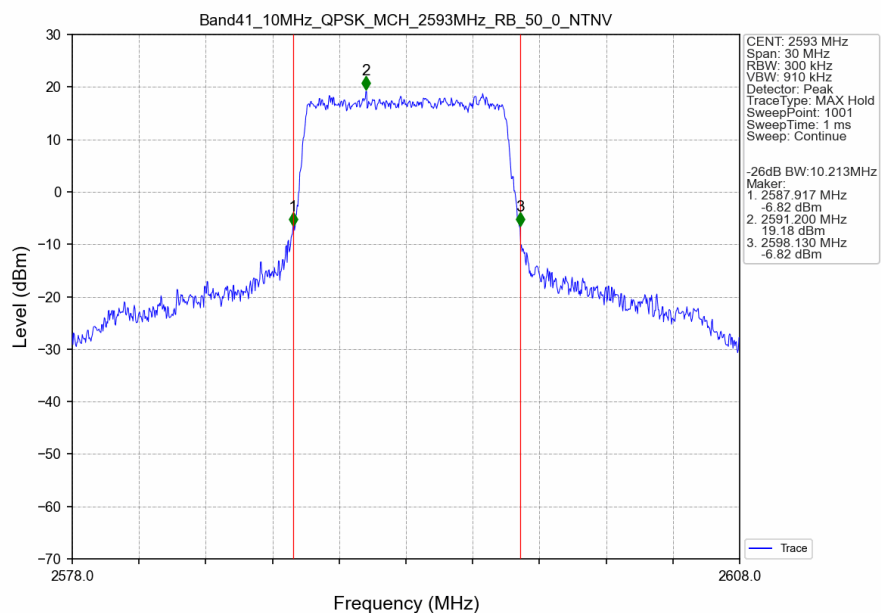
Band41_5MHz_QPSK_MCH_2593MHz_RB_25_0_NTNV



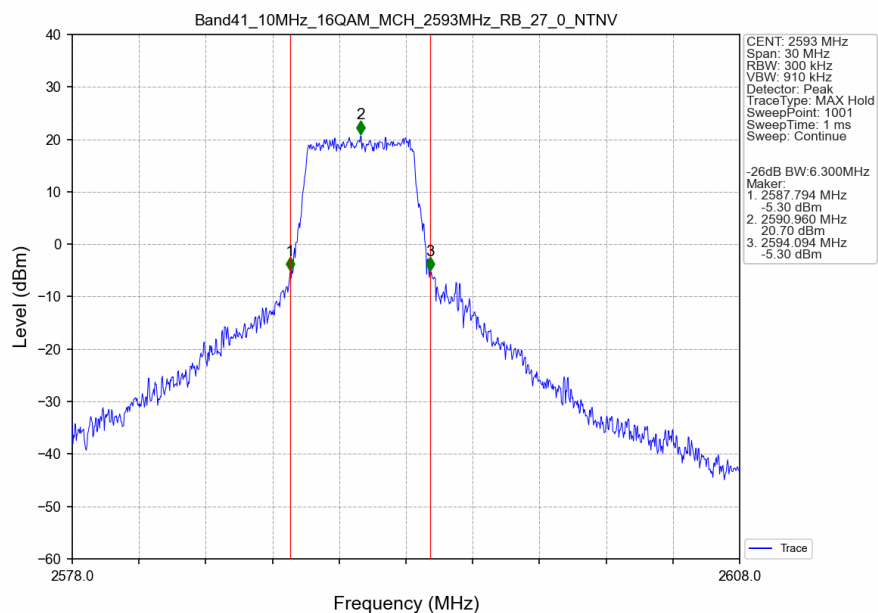
Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



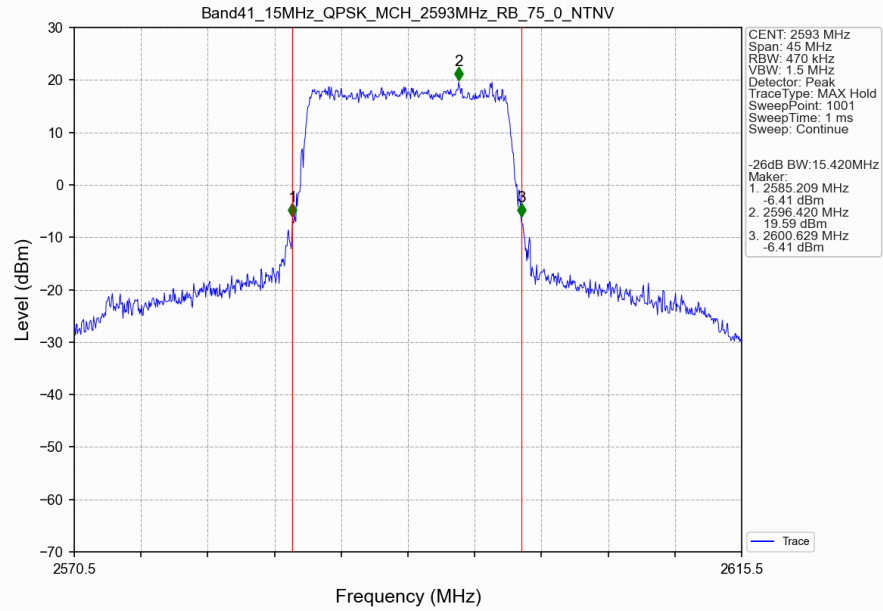
Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



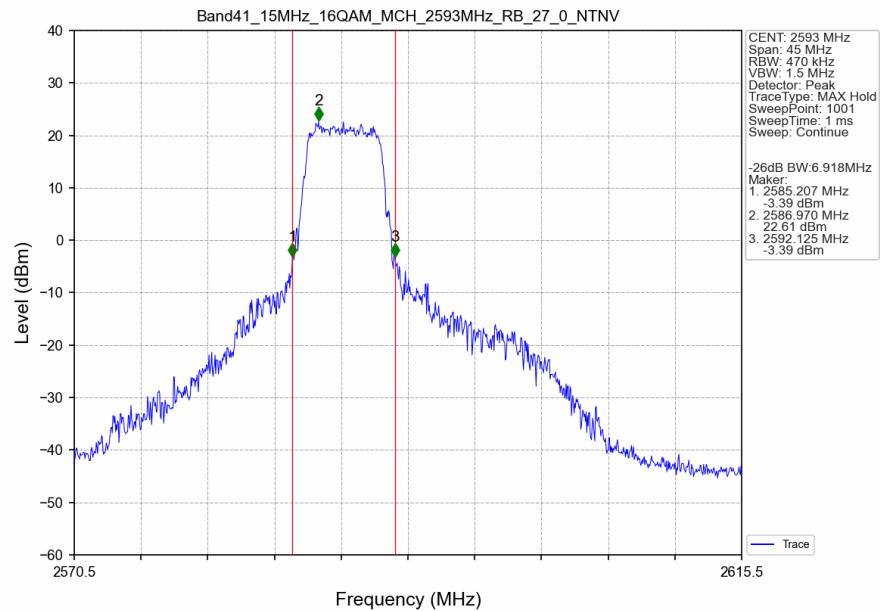
Band41_10MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



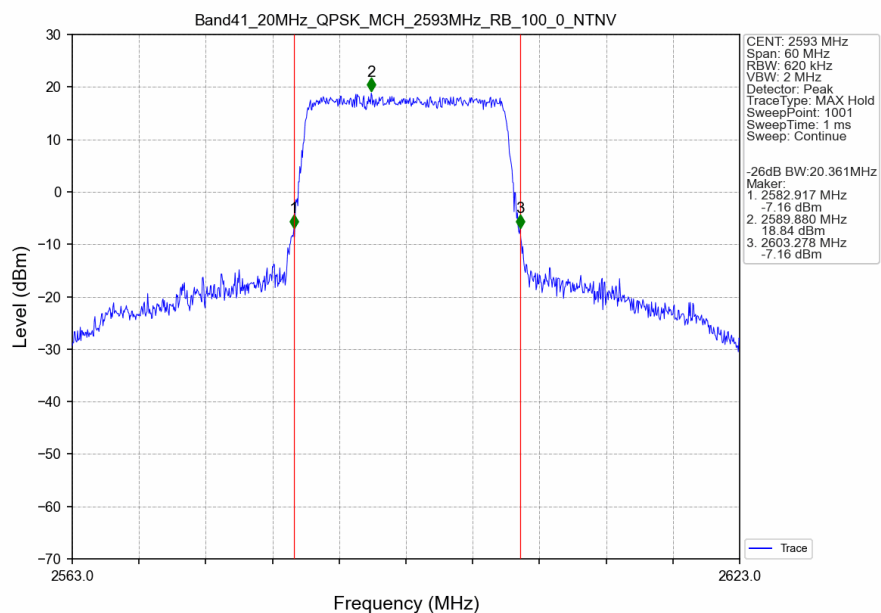
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



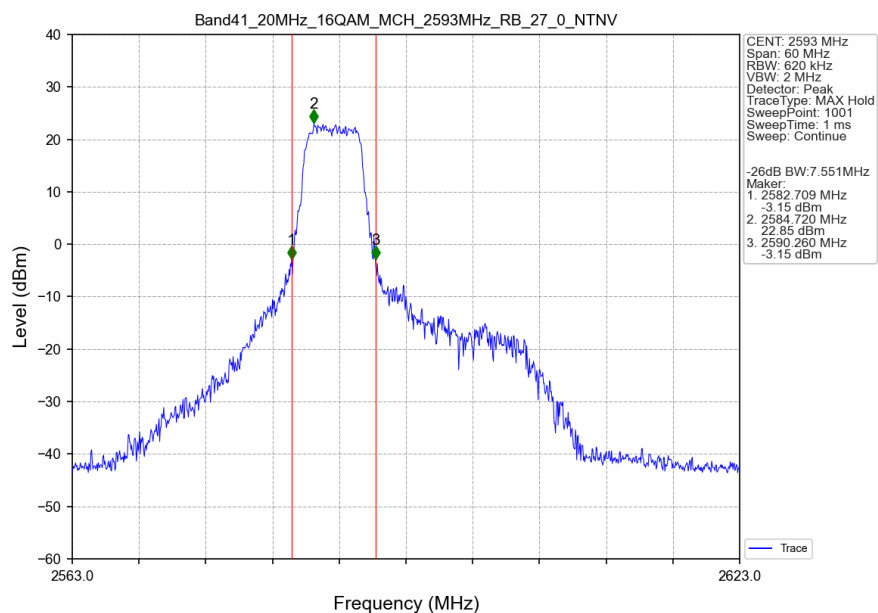
Band41_15MHz_16QAM_MCH_2593MHz_RB_27_0_NTNV



Band41 20MHz QPSK MCH 2593MHz RB 100 0 NTV



Band41 20MHz 16QAM MCH 2593MHz RB 27 0 NTV



4. Peak-Average Ratio

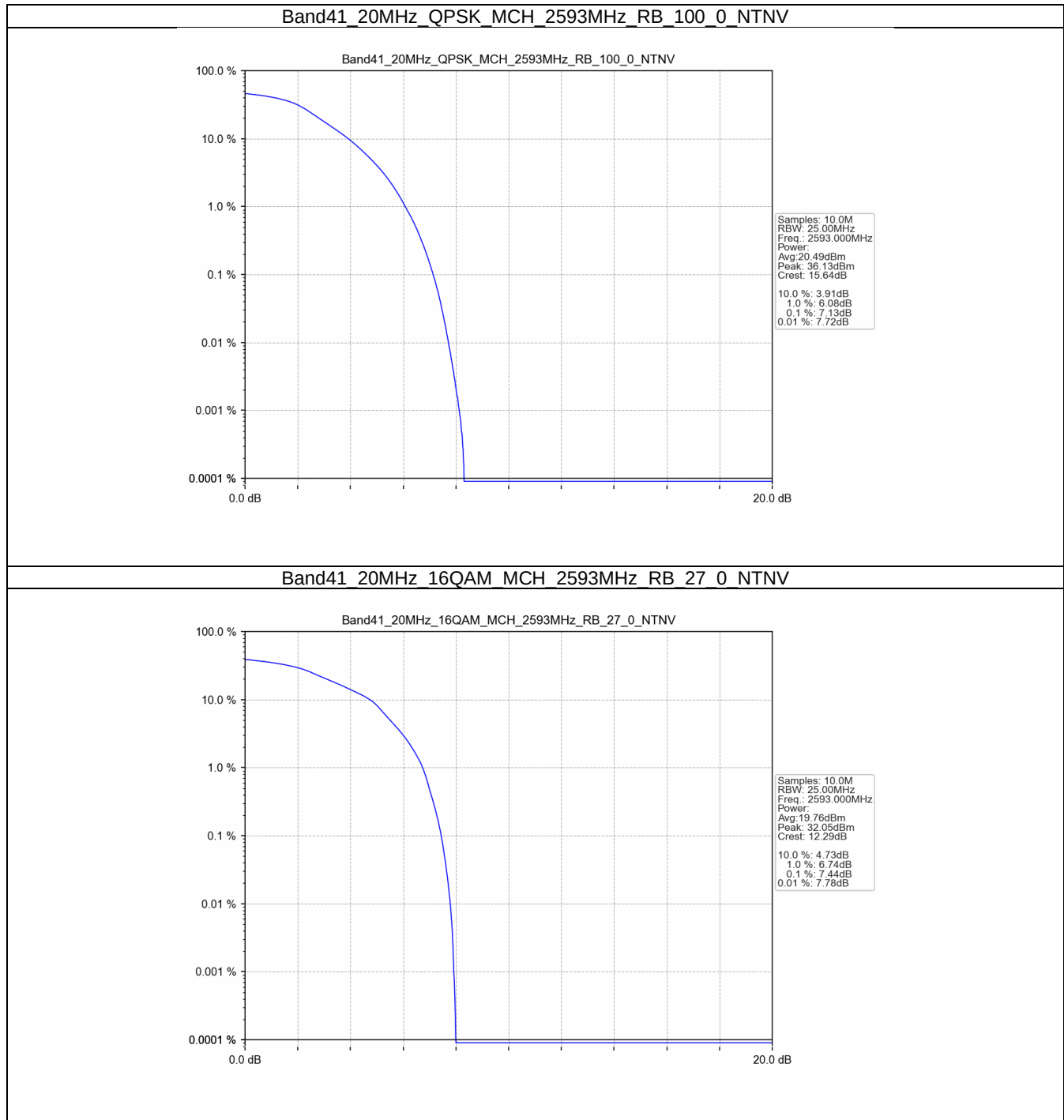
4.1 Test Result

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	7.13	<=13	Pass
16QAM	2593	27	0	7.44	<=13	Pass

4.2 Test Graph

4.2.1 B41_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B41_5MHz

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

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

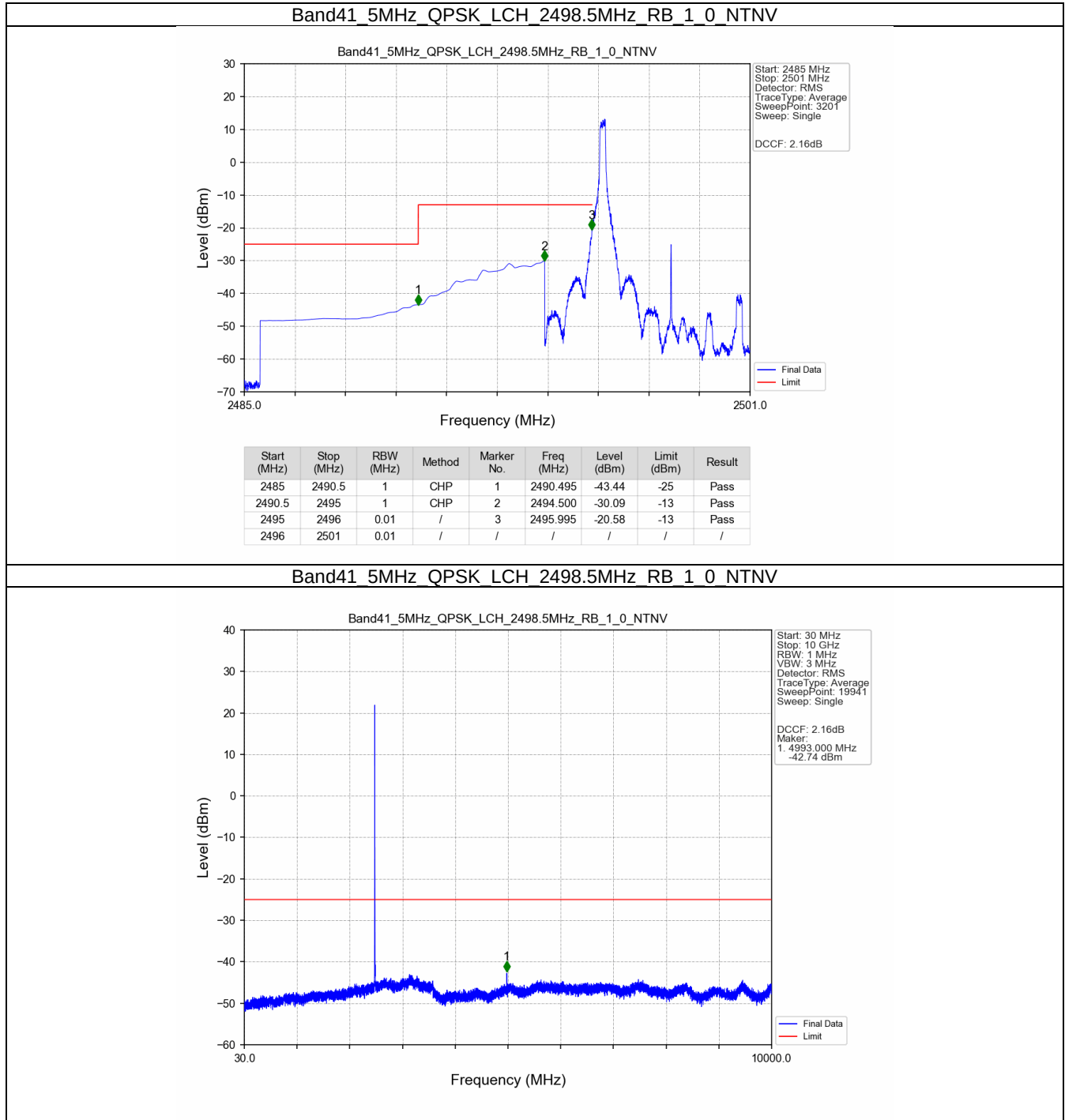
Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2682.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B41_20MHz

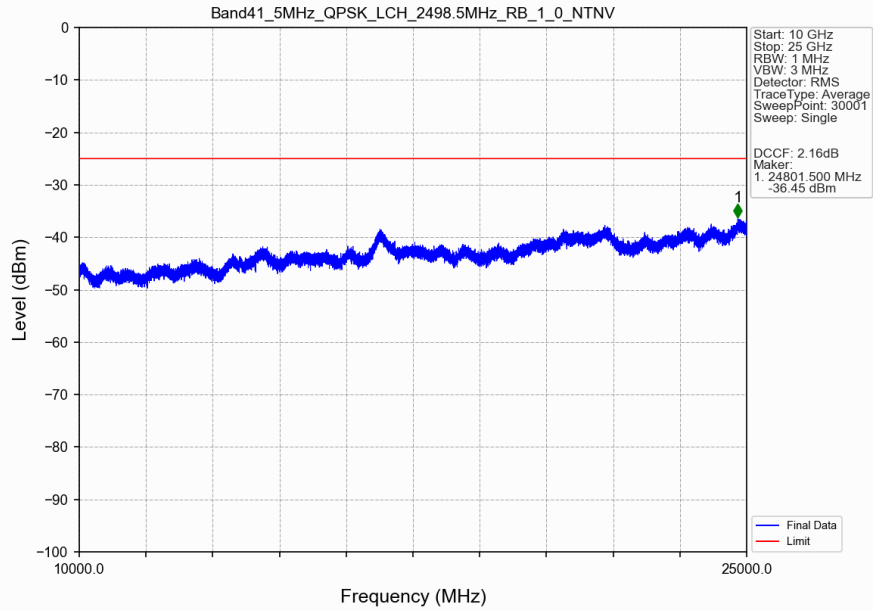
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
	2680	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

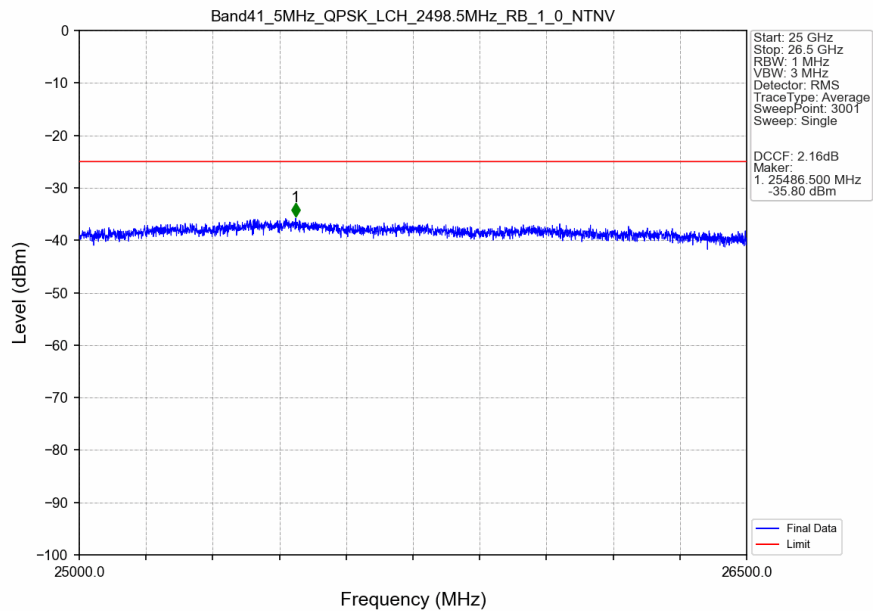
5.2.1 B41_5MHz



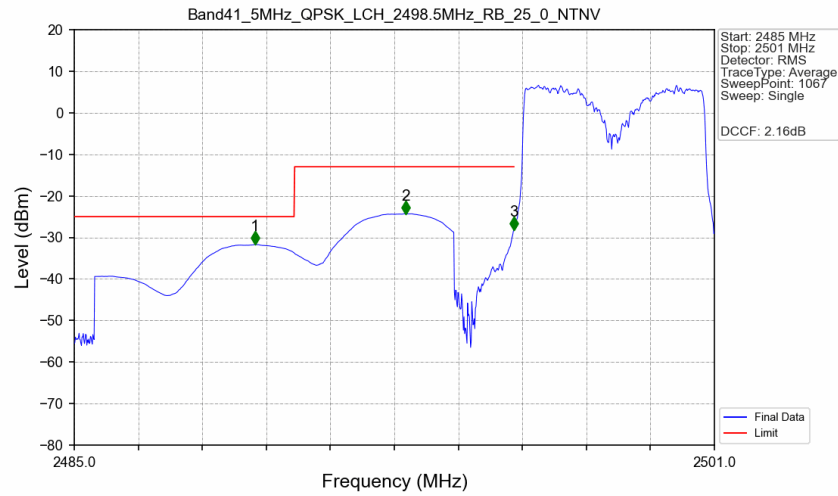
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV

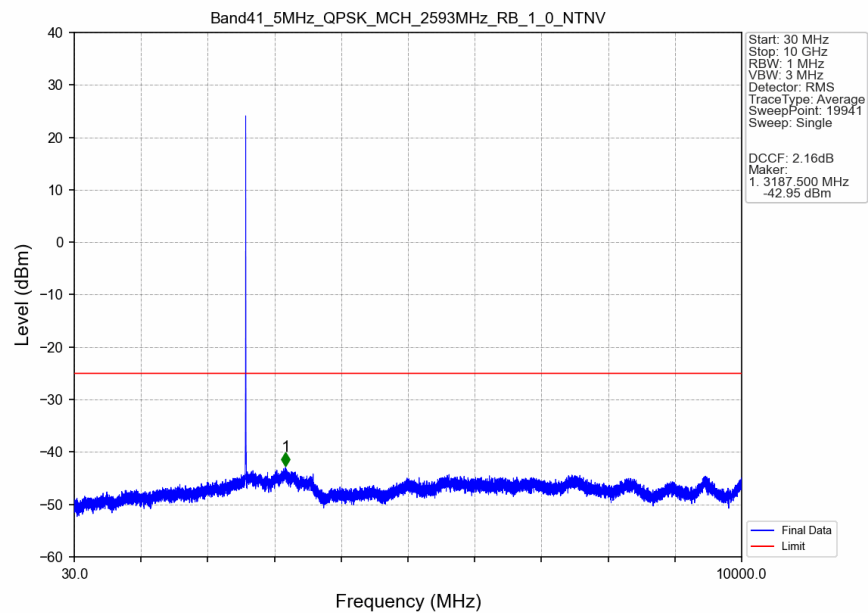


Band41 5MHz QPSK LCH 2498.5MHz RB 25 0 NTNV

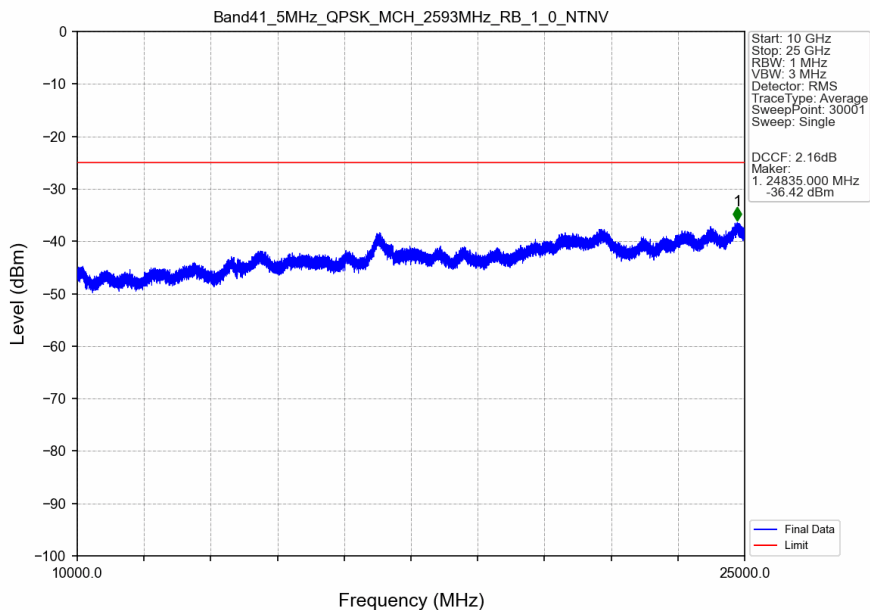


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.518	-31.71	-25	Pass
2490.5	2495	1	CHP	2	2493.285	-24.32	-13	Pass
2495	2496	0.051	CHP	3	2495.987	-28.14	-13	Pass
2496	2501	0.051	CHP	/	/	/	/	/

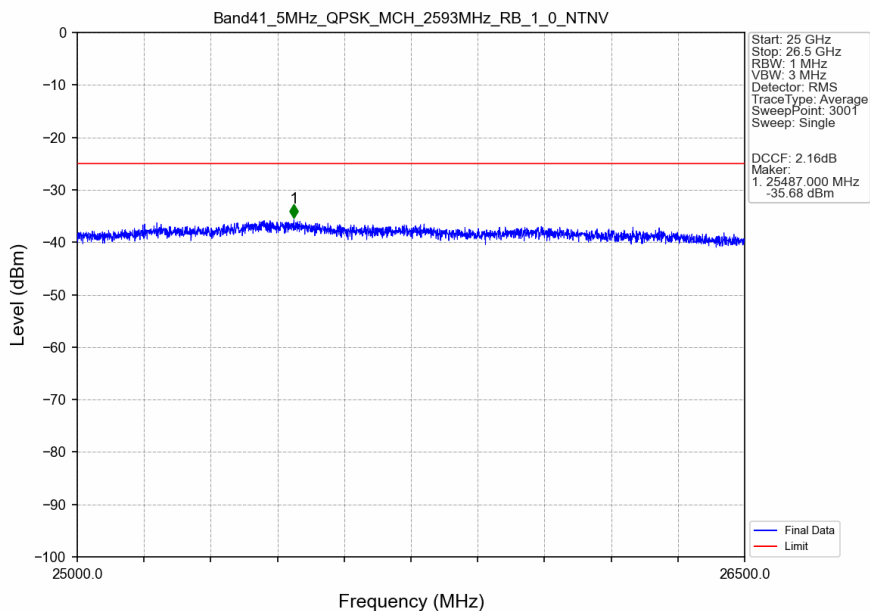
Band41 5MHz QPSK MCH 2593MHz RB 1 0 NTNV



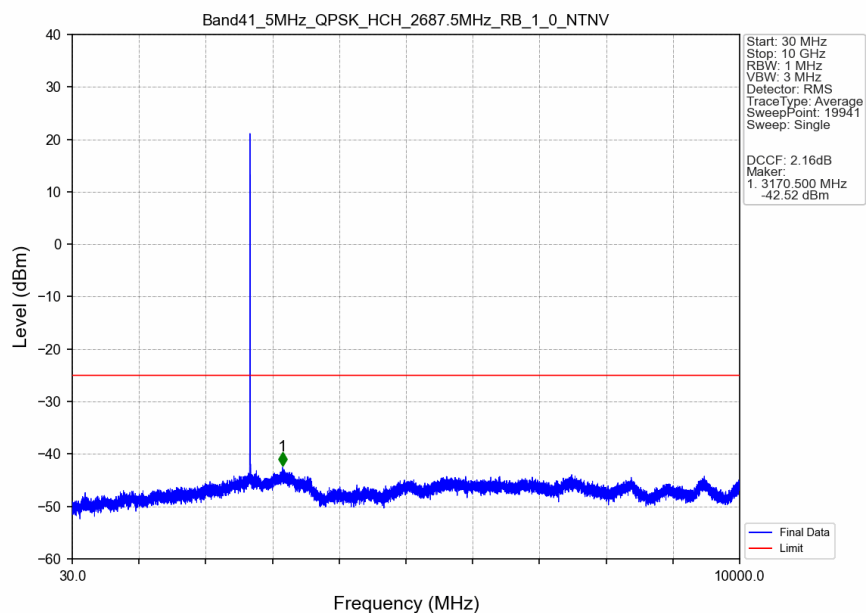
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



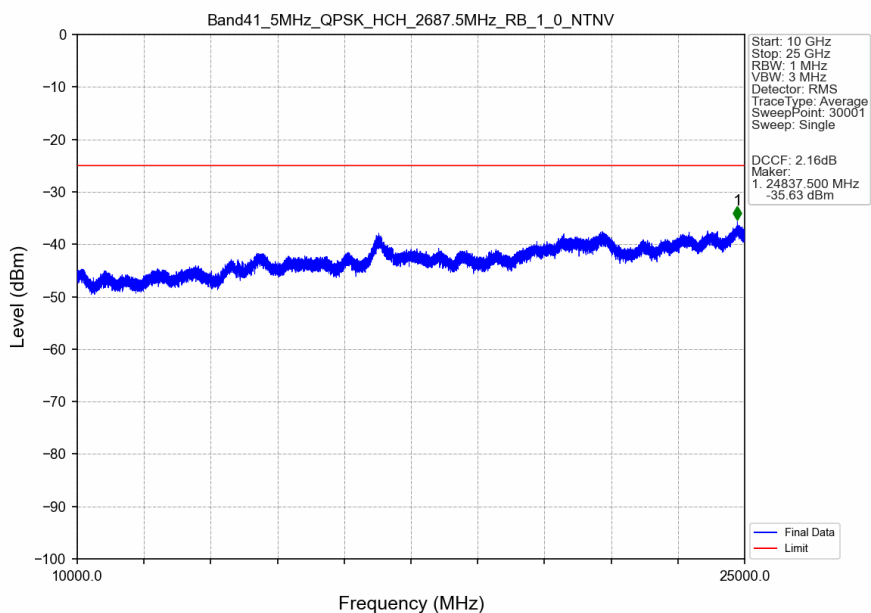
Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



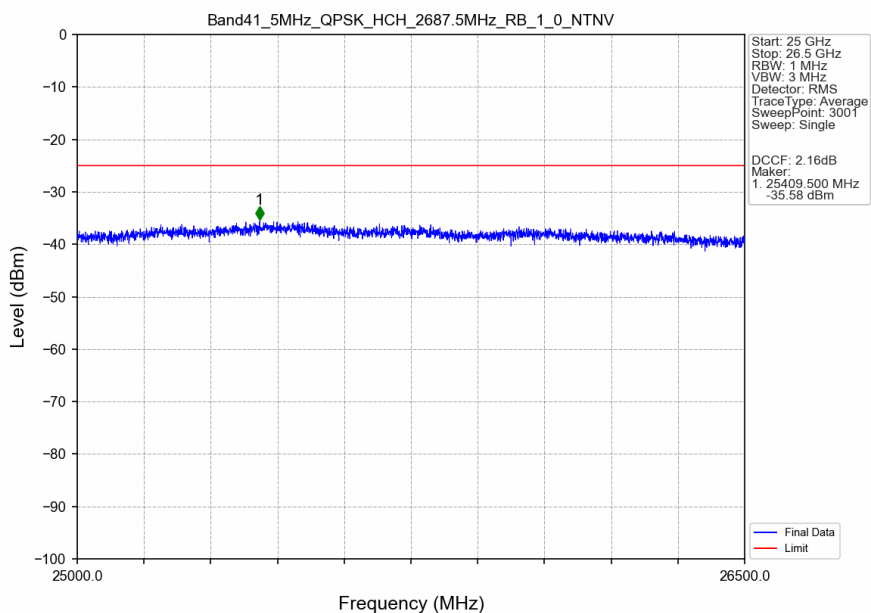
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



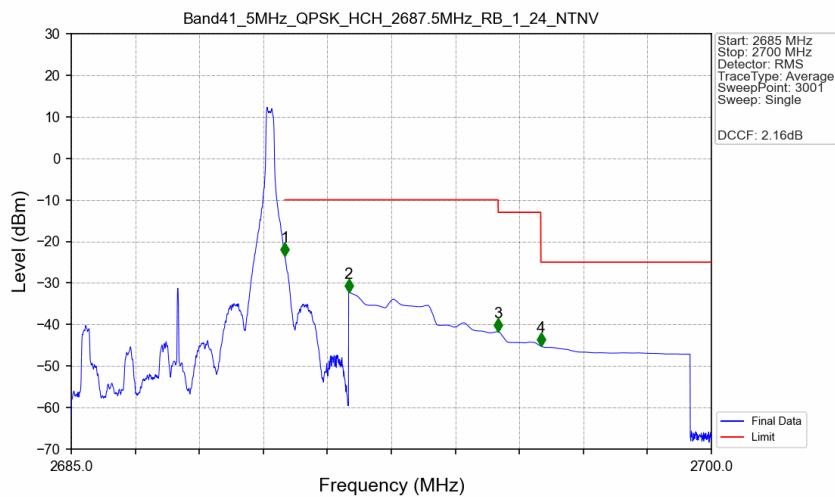
Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV



Band41 5MHz QPSK HCH 2687.5MHz RB 1 0 NTNV

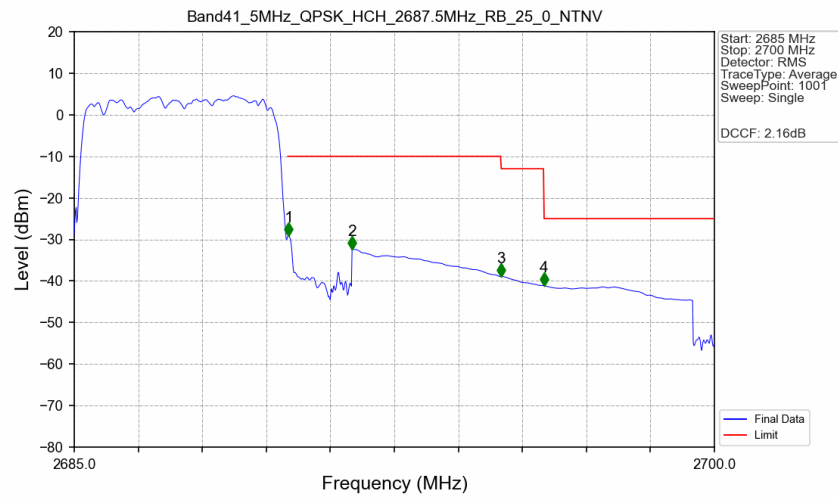


Band41 5MHz QPSK HCH 2687.5MHz RB 1 24 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-23.54	-10	Pass
2691	2695	1	CHP	2	2691.500	-32.25	-10	Pass
2695	2696	1	CHP	3	2695.005	-41.78	-13	Pass
2696	2700	1	CHP	4	2696.005	-45.23	-25	Pass

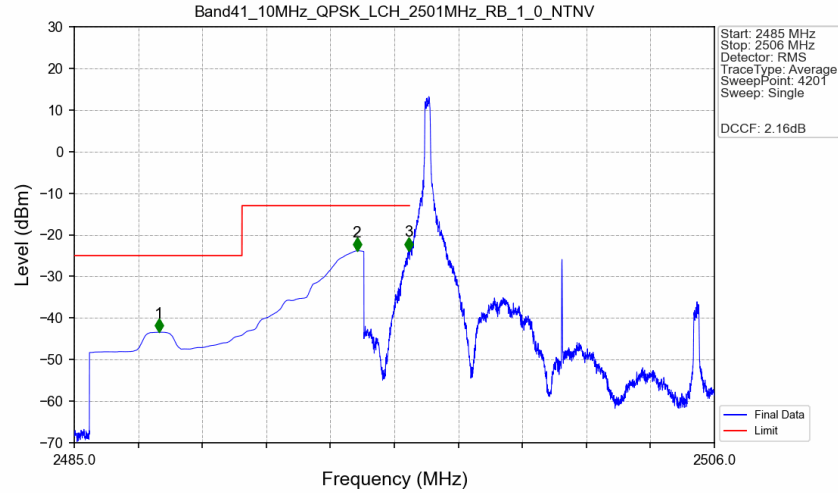
Band41 5MHz QPSK HCH 2687.5MHz RB 25 0 NTV



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	2690.025	-29.14	-10	Pass
2691	2695	1	CHP	2	2691.510	-32.35	-10	Pass
2695	2696	1	CHP	3	2695.005	-38.93	-13	Pass
2696	2700	1	CHP	4	2696.010	-41.17	-25	Pass

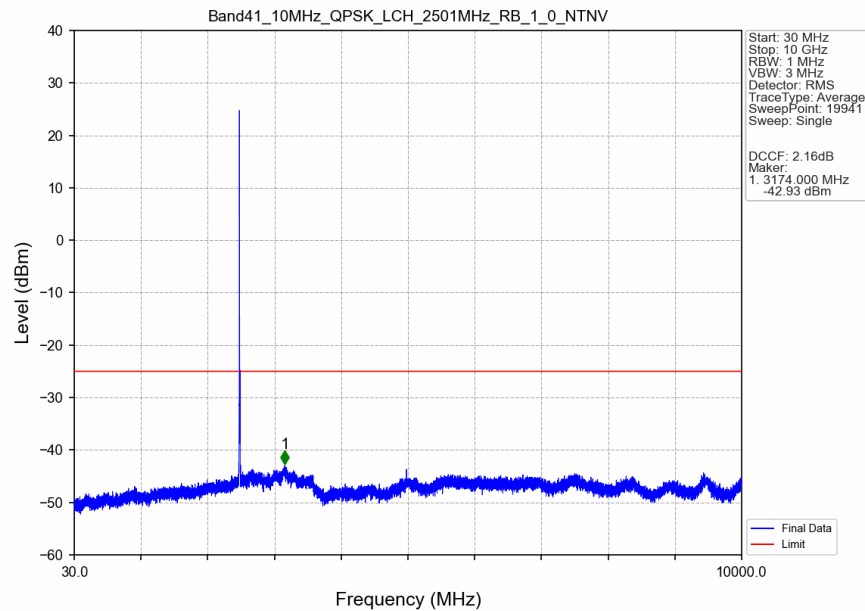
5.2.2 B41_10MHz

Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

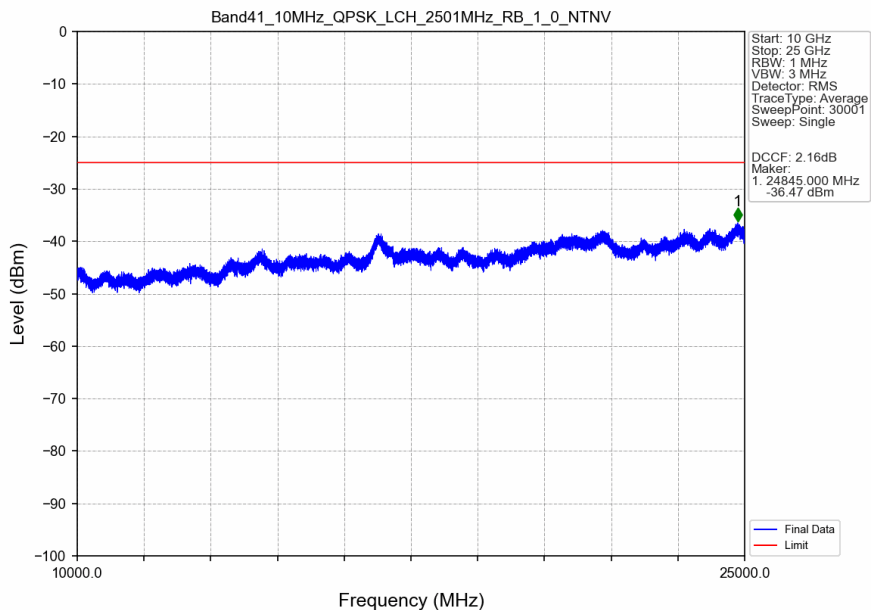


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.775	-43.42	-25	Pass
2490.5	2495	1	CHP	2	2494.275	-23.84	-13	Pass
2495	2496	0.01	/	3	2495.970	-23.77	-13	Pass
2496	2506	0.01	/	/	/	/	/	/

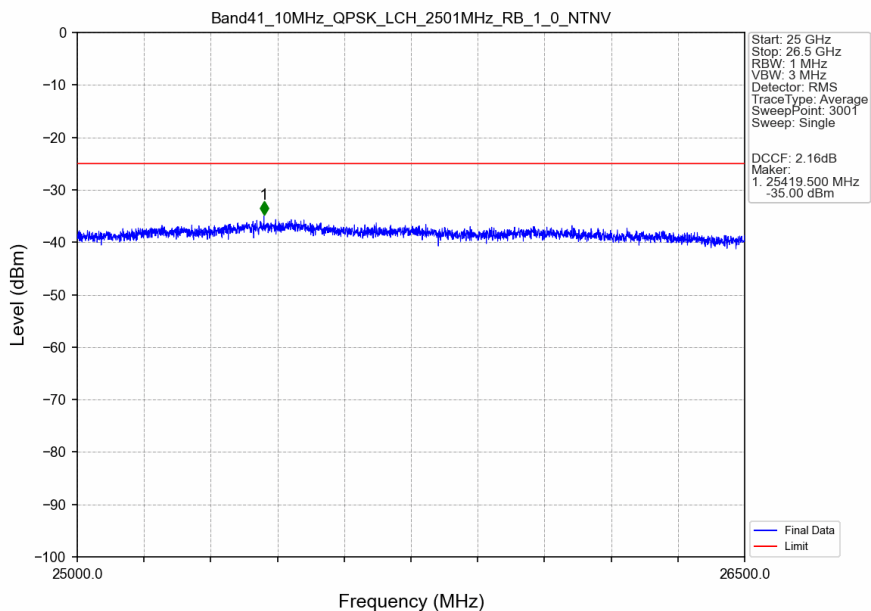
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



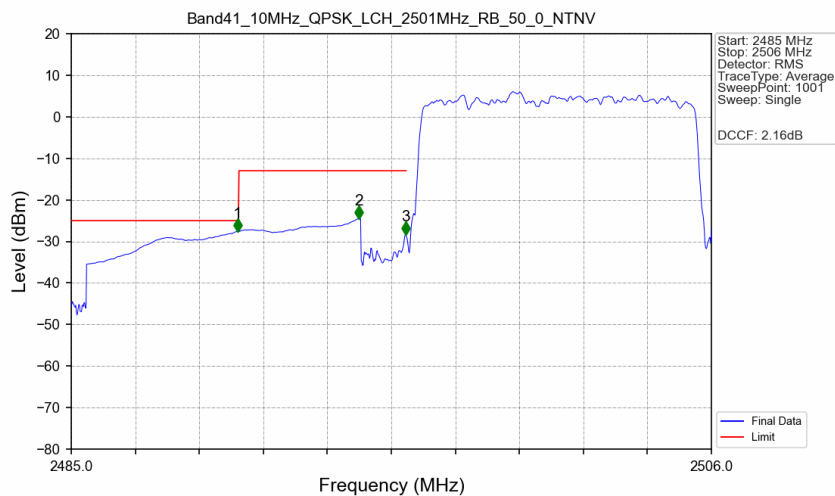
Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_LCH_2501MHz_RB_1_0_NTNV

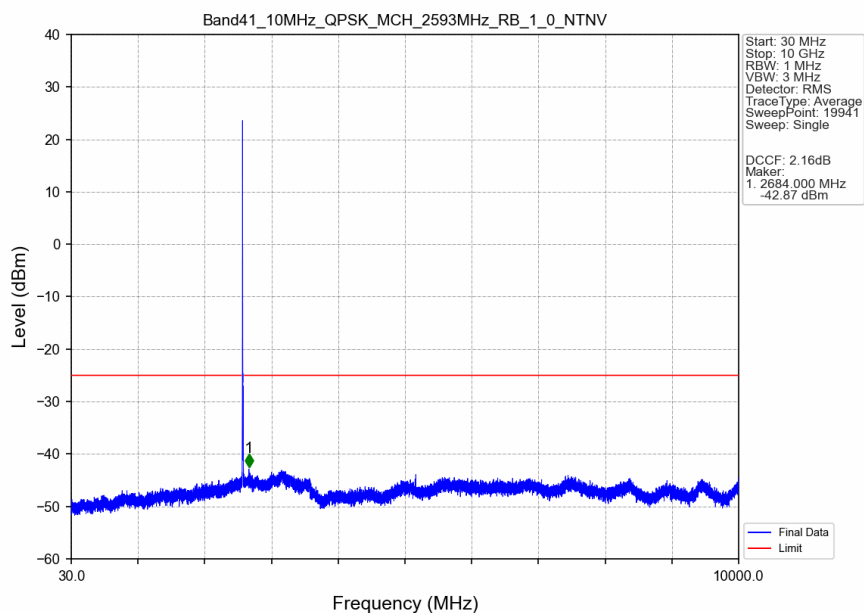


Band41 10MHz QPSK LCH 2501MHz RB 50 0 NTNV

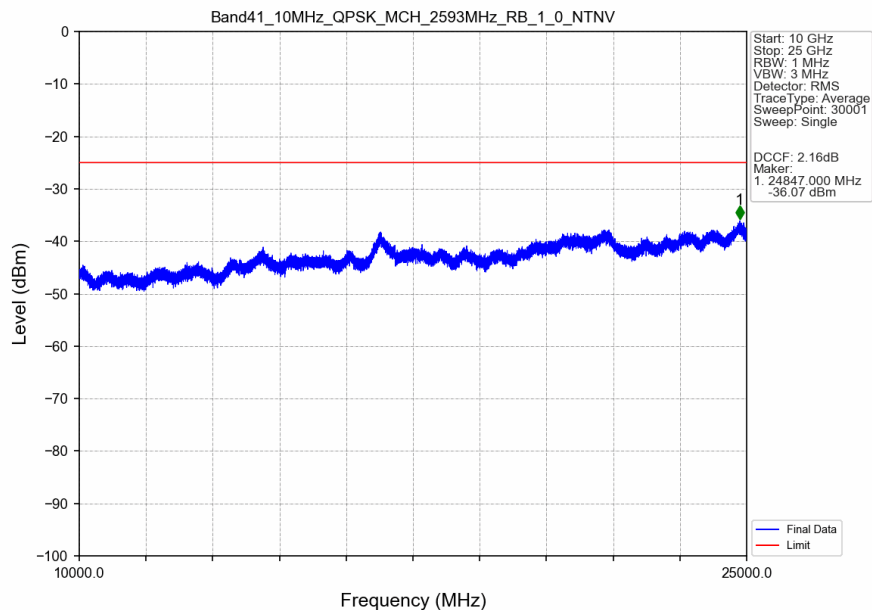


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-27.63	-25	Pass
2490.5	2495	1	CHP	2	2494.429	-24.56	-13	Pass
2495	2496	0.102	CHP	3	2495.962	-28.40	-13	Pass
2496	2506	0.102	CHP	/	/	/	/	/

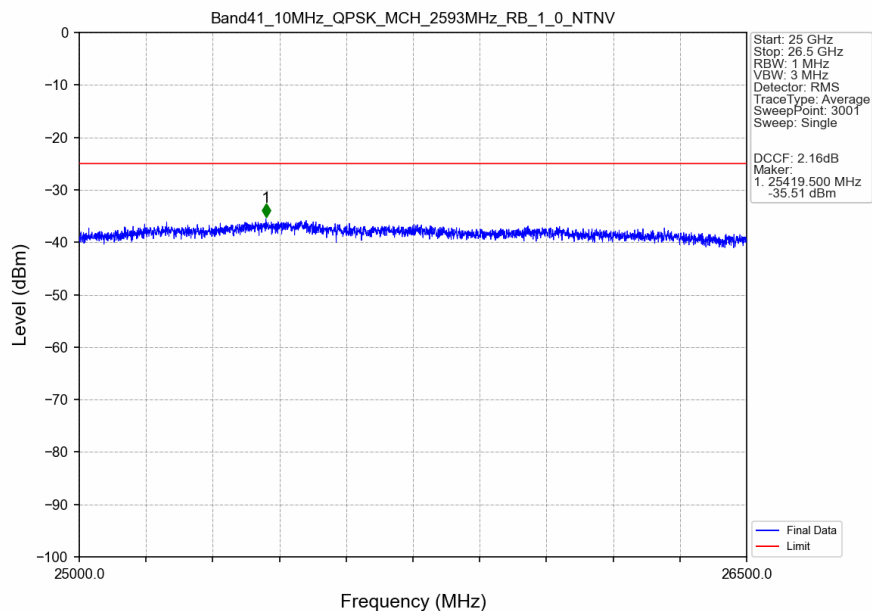
Band41 10MHz QPSK MCH 2593MHz RB 1 0 NTNV



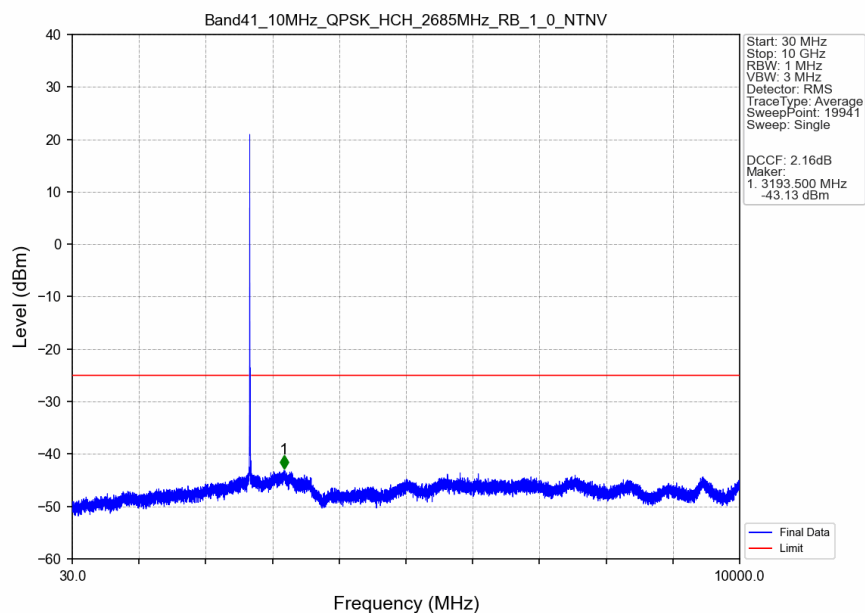
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



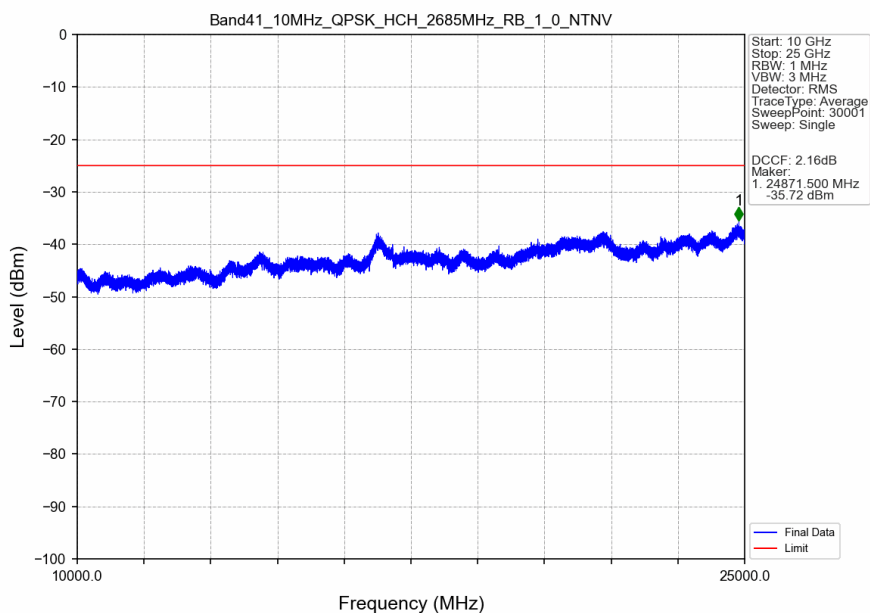
Band41_10MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



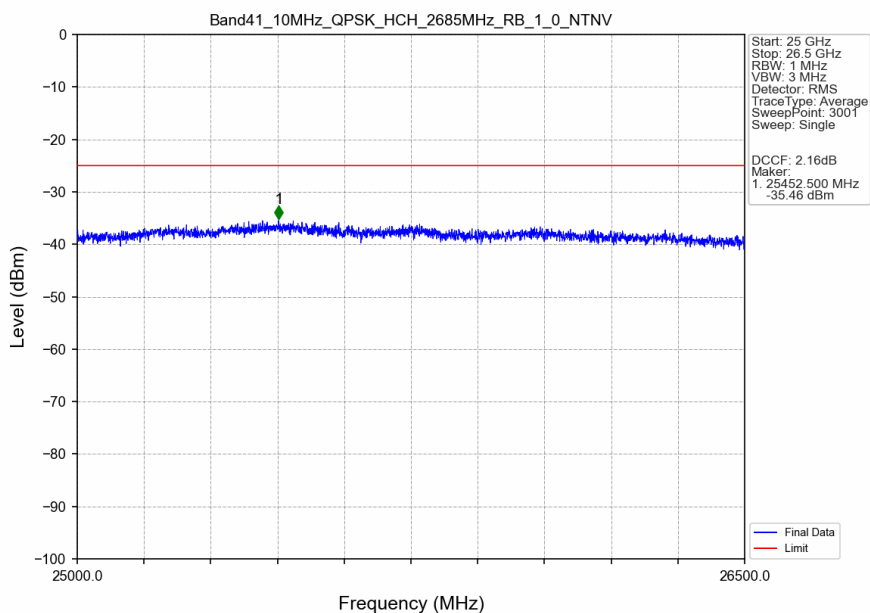
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



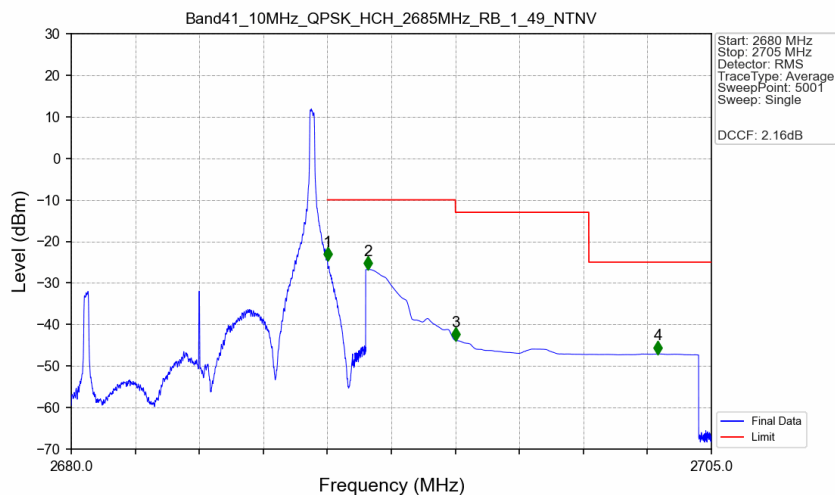
Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV



Band41_10MHz_QPSK_HCH_2685MHz_RB_1_0_NTNV

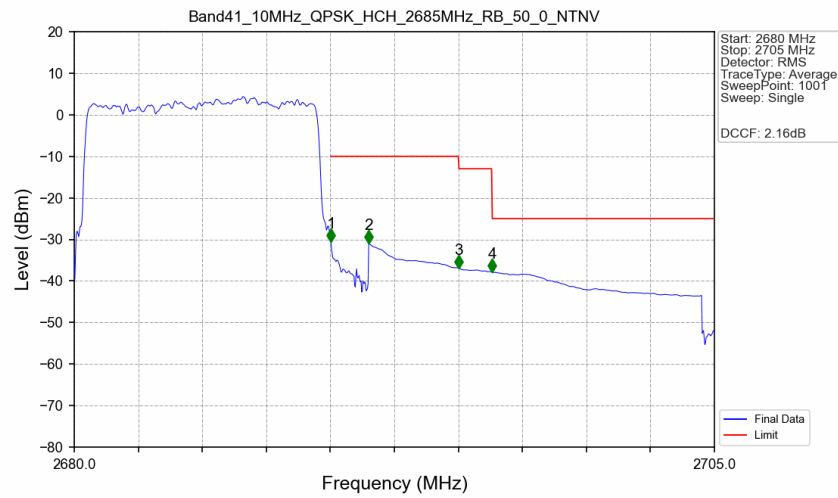


Band41_10MHz_QPSK_HCH_2685MHz_RB_1_49_NTNV



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	-24.51	-10	Pass
2691	2695	1	CHP	2	2691.575	-26.75	-10	Pass
2695	2700.213	1	CHP	3	2695.005	-43.82	-13	Pass
2700.213	2705	1	CHP	4	2702.905	-47.09	-25	Pass

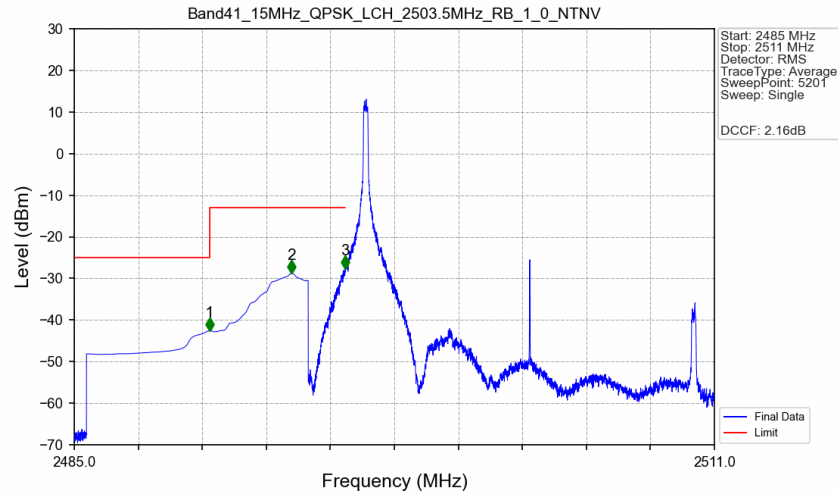
Band41 10MHz QPSK HCH 2685MHz RB 50 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2680	2690	0.126	CHP	/	/	/	/	/
2690	2691	0.126	CHP	1	2690.025	-30.66	-10	Pass
2691	2695	1	CHP	2	2691.500	-30.98	-10	Pass
2695	2696.3	1	CHP	3	2695.025	-36.97	-13	Pass
2696.3	2705	1	CHP	4	2696.325	-37.87	-25	Pass

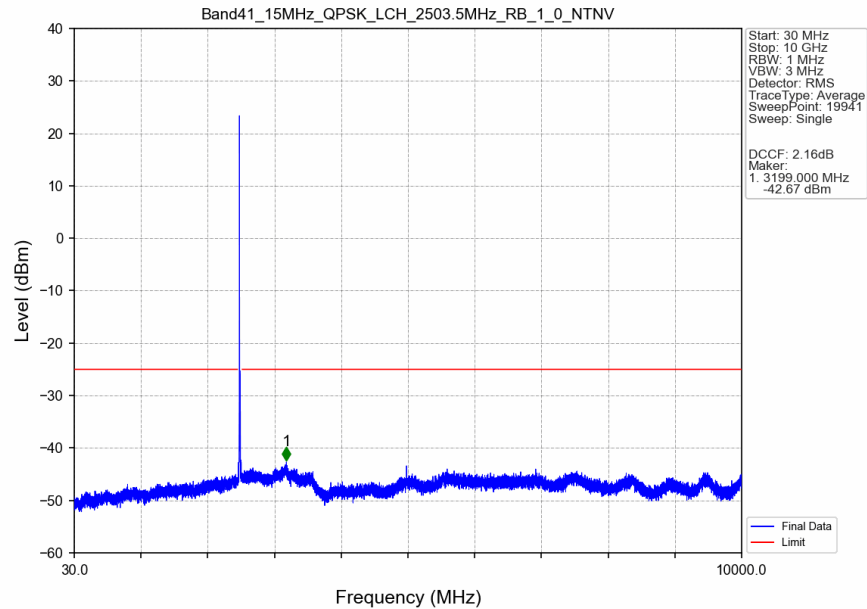
5.2.3 B41_15MHz

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

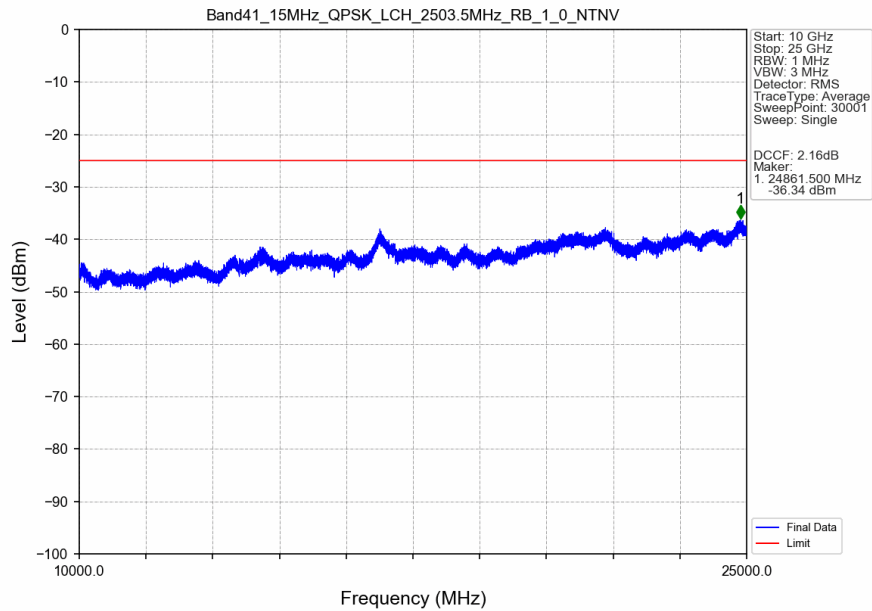


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.495	-42.58	-25	Pass
2490.5	2495	1	CHP	2	2493.830	-28.72	-13	Pass
2495	2496	0.01	/	3	2495.995	-27.67	-13	Pass
2496	2511	0.01	/	/	/	/	/	/

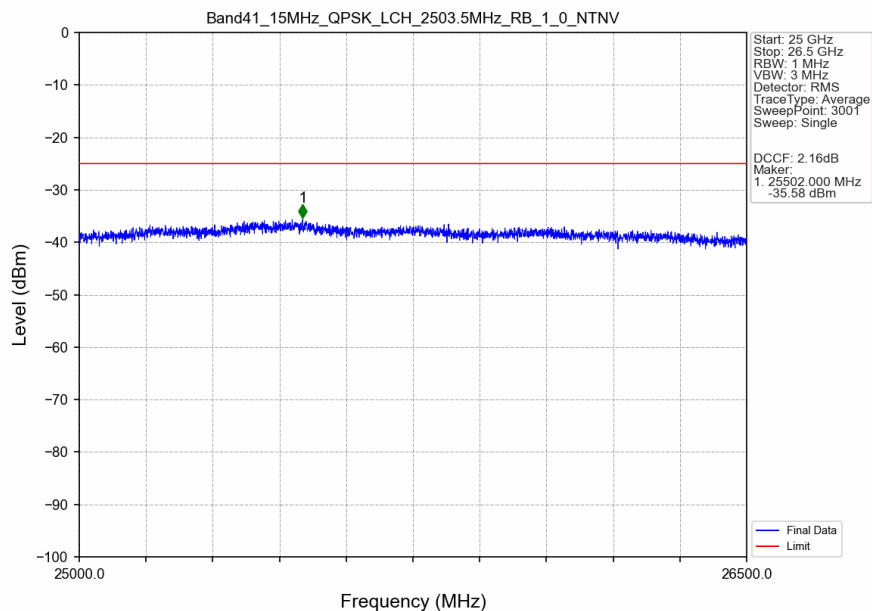
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



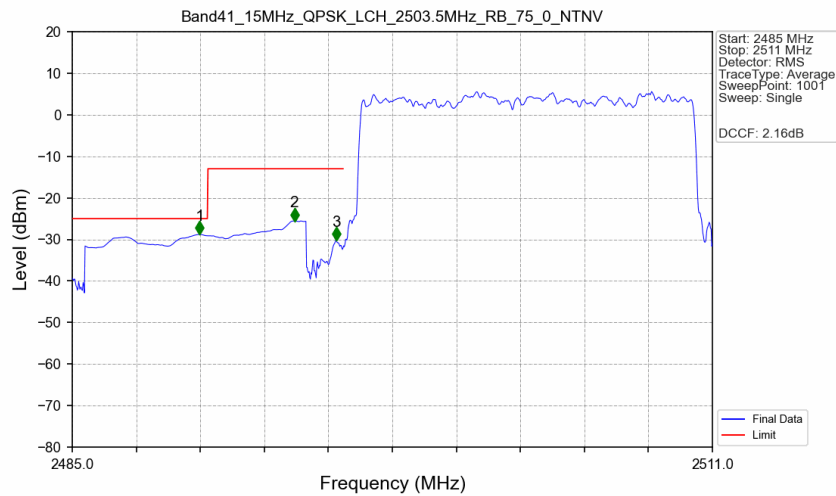
Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_LCH_2503.5MHz_RB_1_0_NTNV

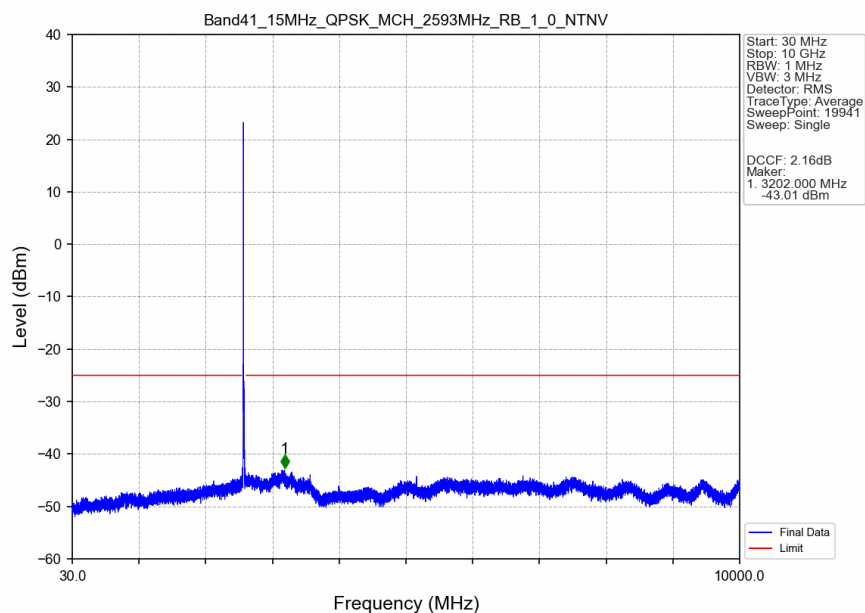


Band41 15MHz QPSK LCH 2503.5MHz RB 75 0 NTNV

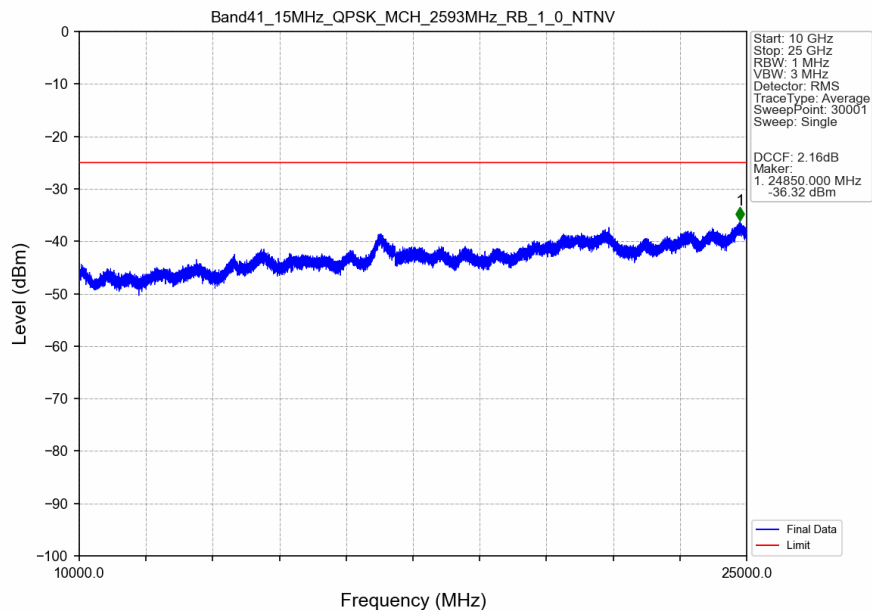


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.174	-28.79	-25	Pass
2490.5	2495	1	CHP	2	2494.022	-25.57	-13	Pass
2495	2496	0.154	CHP	3	2495.712	-30.14	-13	Pass
2496	2511	0.154	CHP	/	/	/	/	/

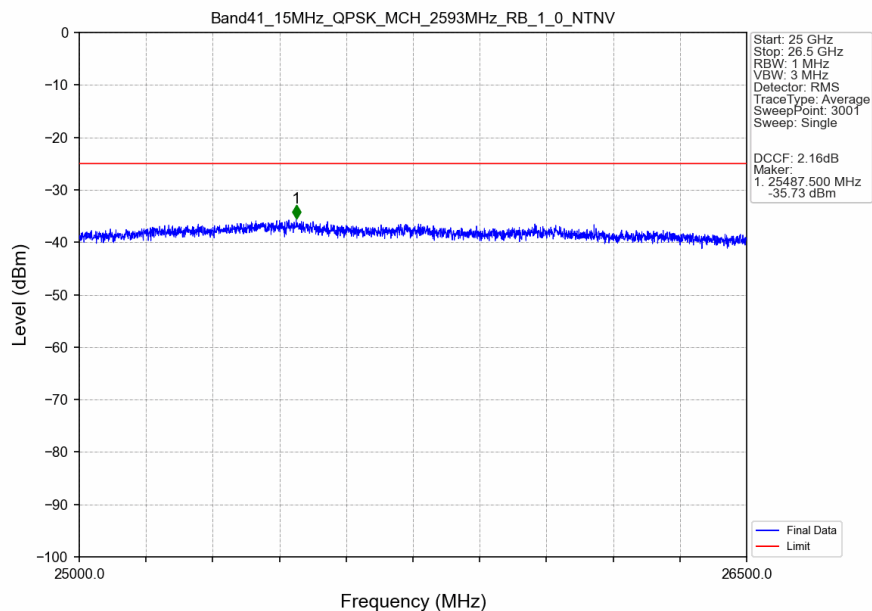
Band41 15MHz QPSK MCH 2593MHz RB 1 0 NTNV



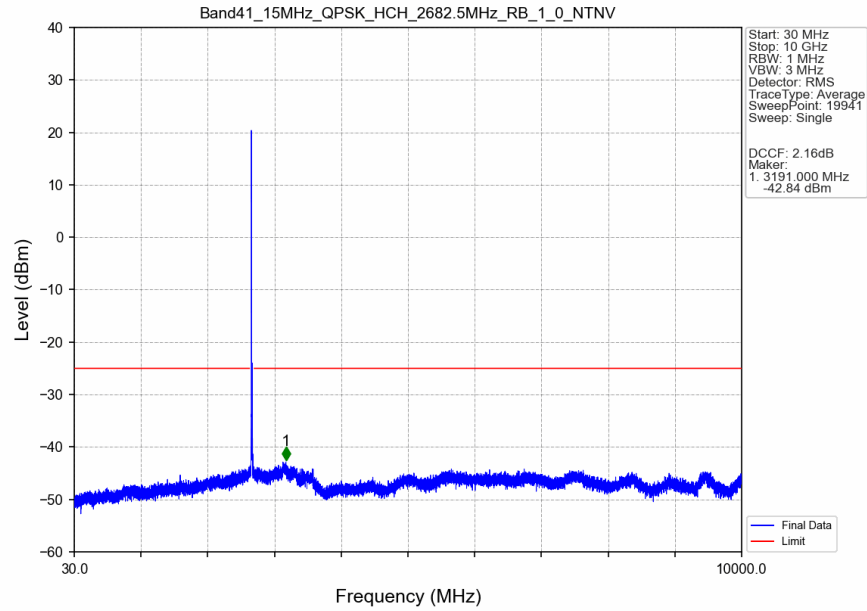
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



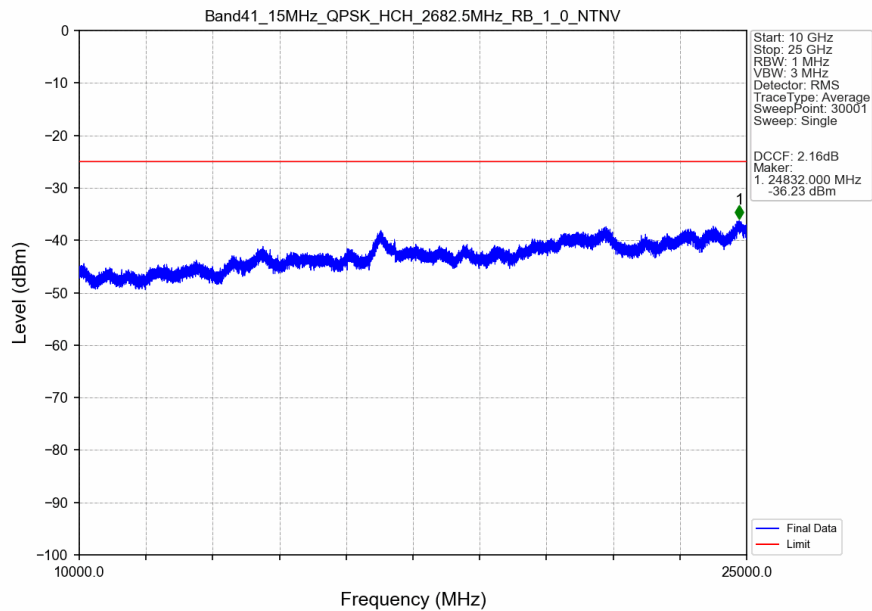
Band41_15MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



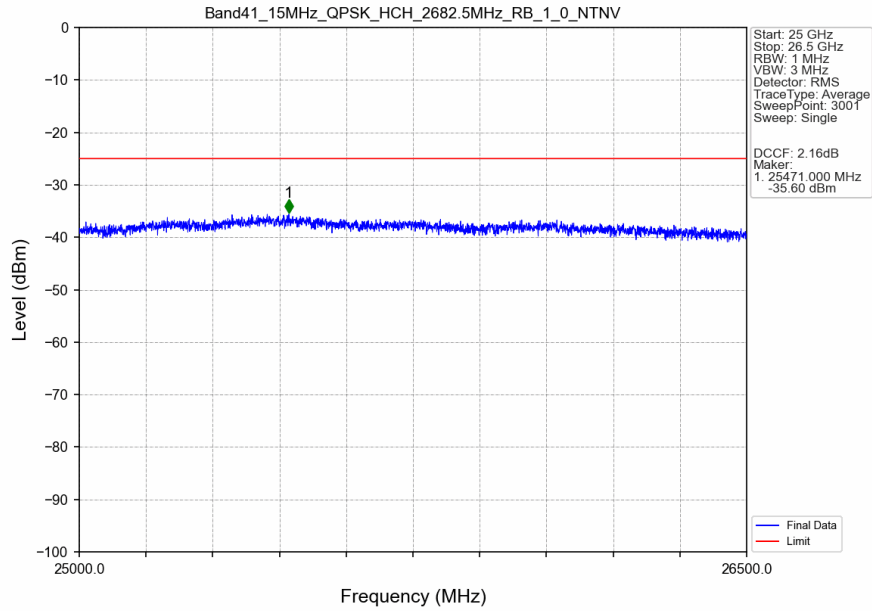
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



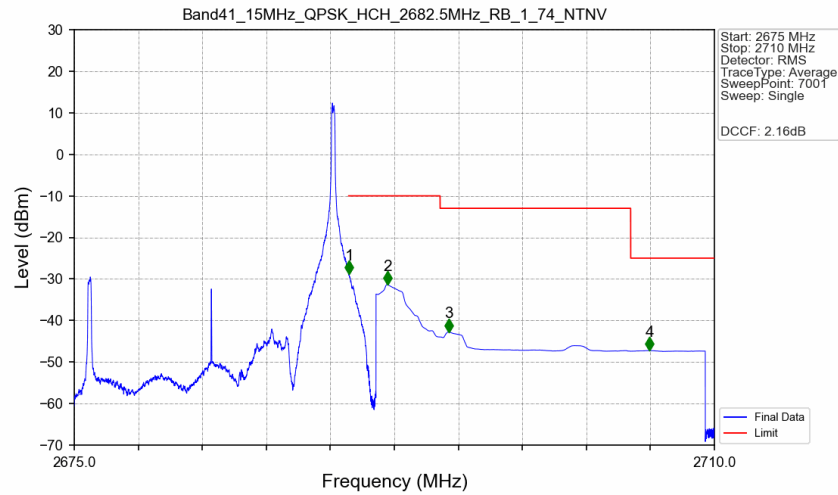
Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV

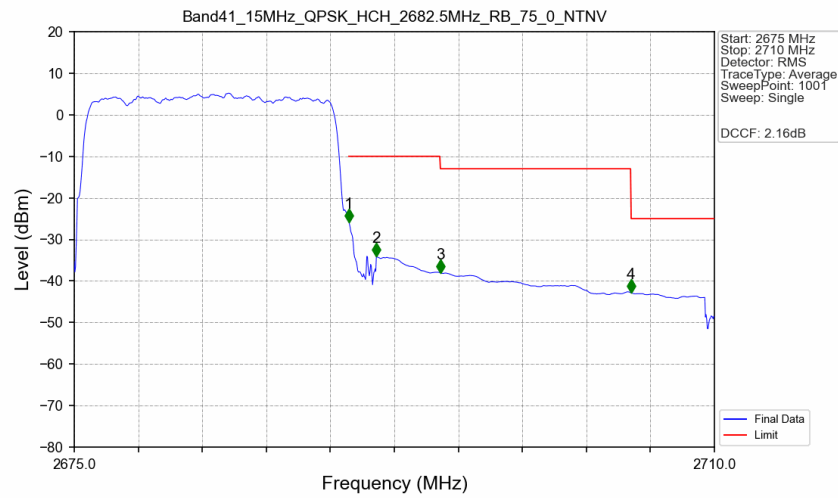


Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



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	2690.025	-28.76	-10	Pass
2691	2695	1	CHP	2	2692.125	-31.31	-10	Pass
2695	2705.42	1	CHP	3	2695.470	-42.71	-13	Pass
2705.42	2710	1	CHP	4	2706.450	-47.24	-25	Pass

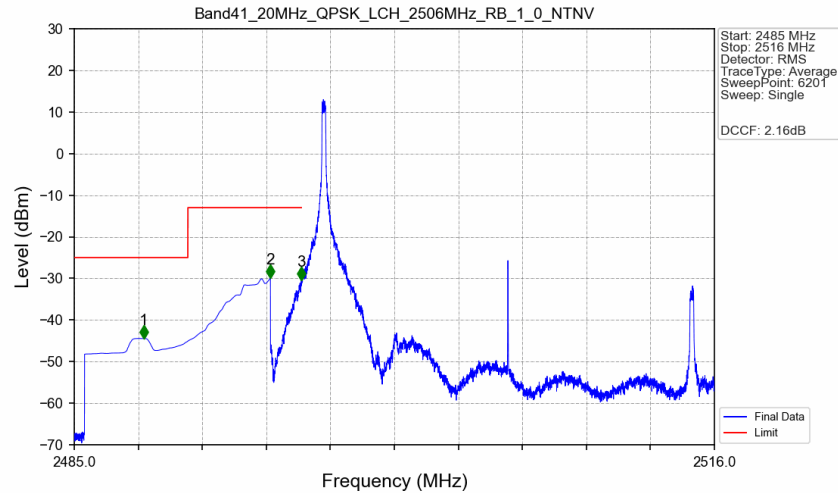
Band41 15MHz QPSK HCH 2682.5MHz RB 75 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2675	2690	0.308	CHP	/	/	/	/	/
2690	2691	0.308	CHP	1	2690.015	-25.78	-10	Pass
2691	2695	1	CHP	2	2691.520	-33.99	-10	Pass
2695	2705.42	1	CHP	3	2695.020	-38.03	-13	Pass
2705.42	2710	1	CHP	4	2705.450	-42.86	-25	Pass

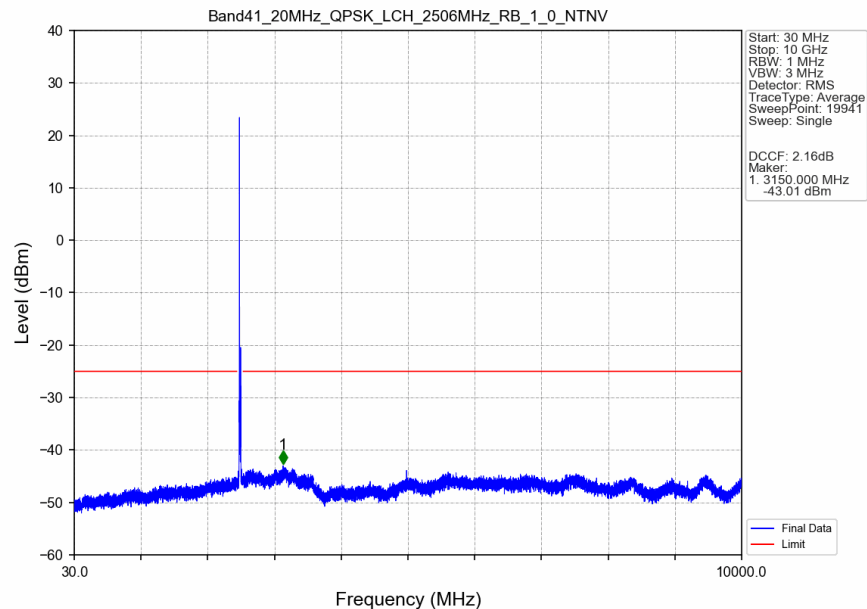
5.2.4 B41_20MHz

Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

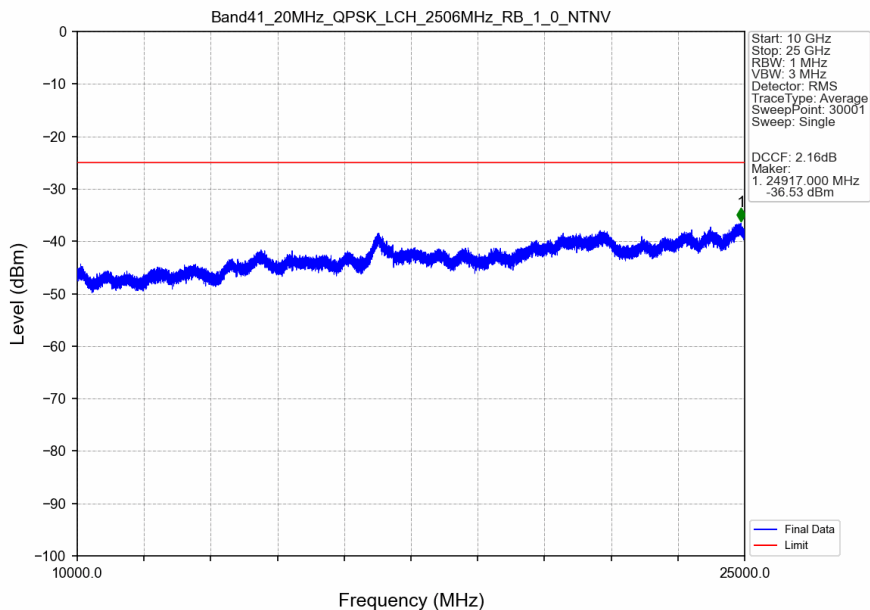


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.360	-44.43	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-29.94	-13	Pass
2495	2496	0.01	/	3	2495.995	-30.48	-13	Pass
2496	2516	0.01	/	/	/	/	/	/

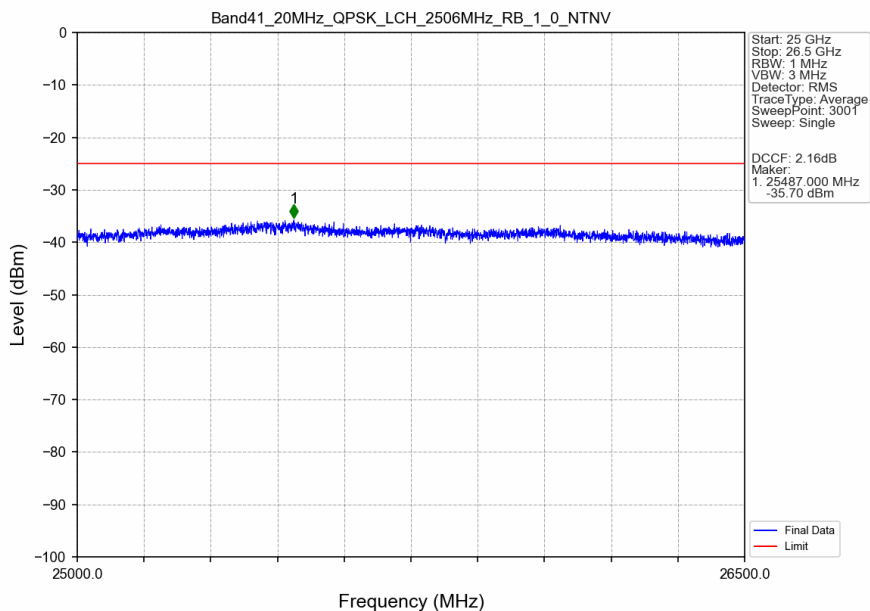
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



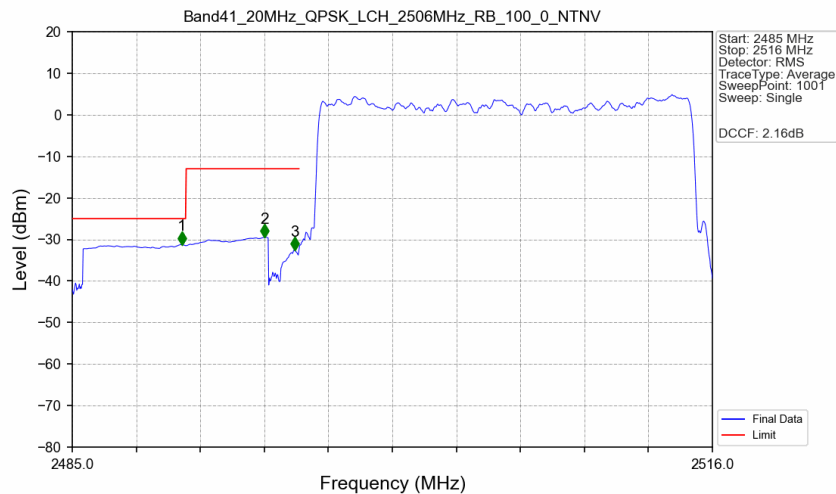
Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_LCH_2506MHz_RB_1_0_NTNV

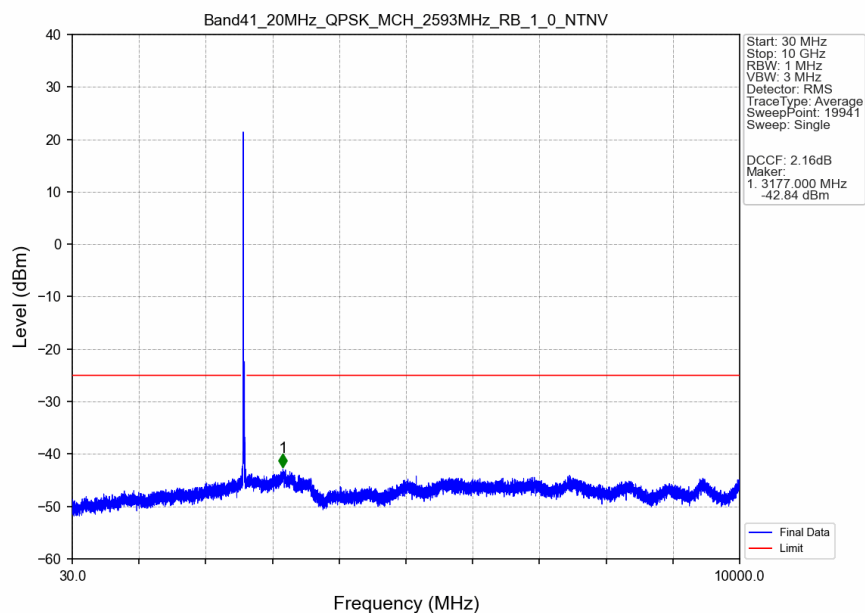


Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV

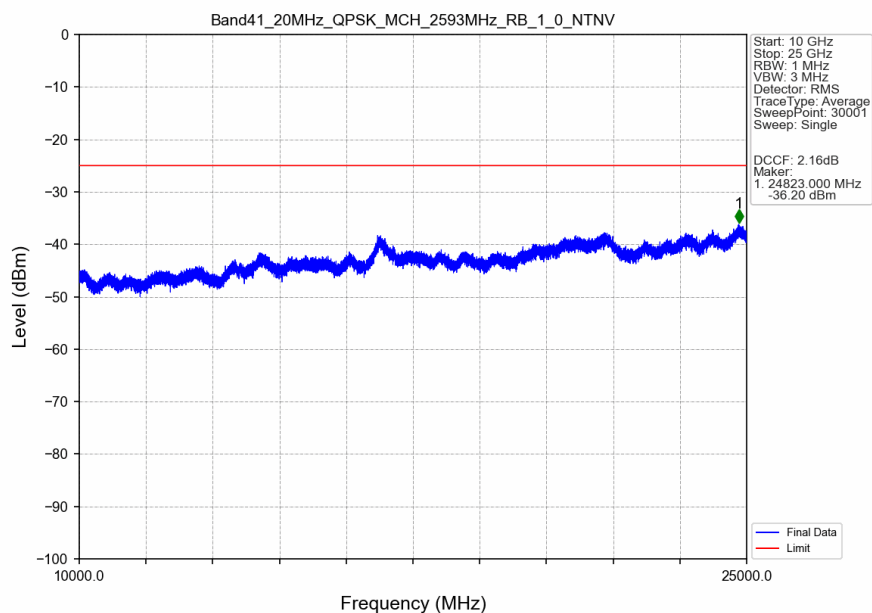


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.301	-31.22	-25	Pass
2490.5	2495	1	CHP	2	2494.300	-29.51	-13	Pass
2495	2496	0.204	CHP	3	2495.757	-32.61	-13	Pass
2496	2516	0.204	CHP	/	/	/	/	/

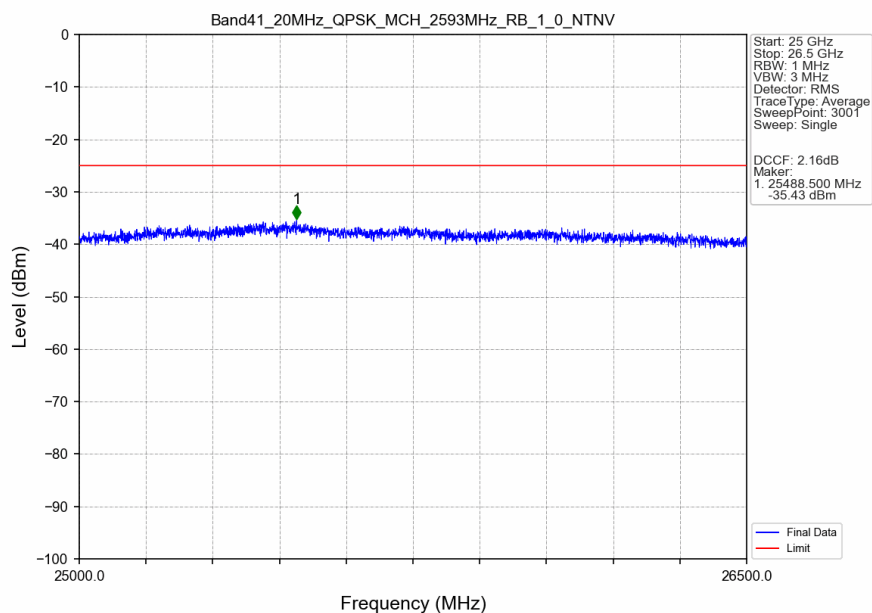
Band41_20MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV



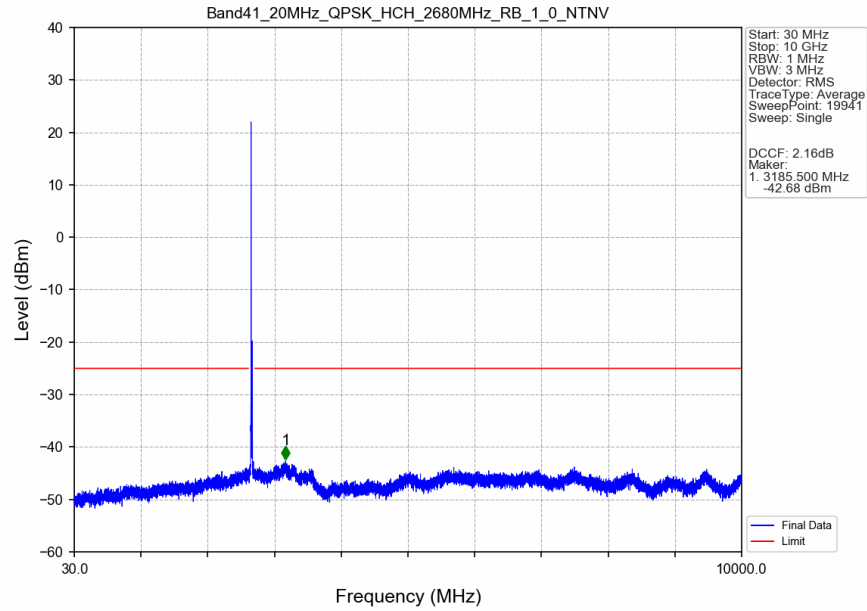
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



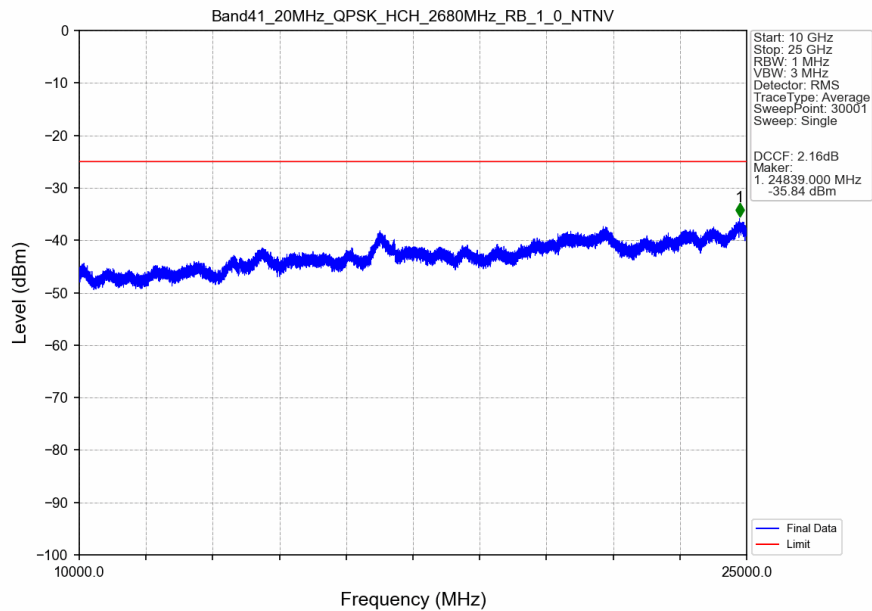
Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTV



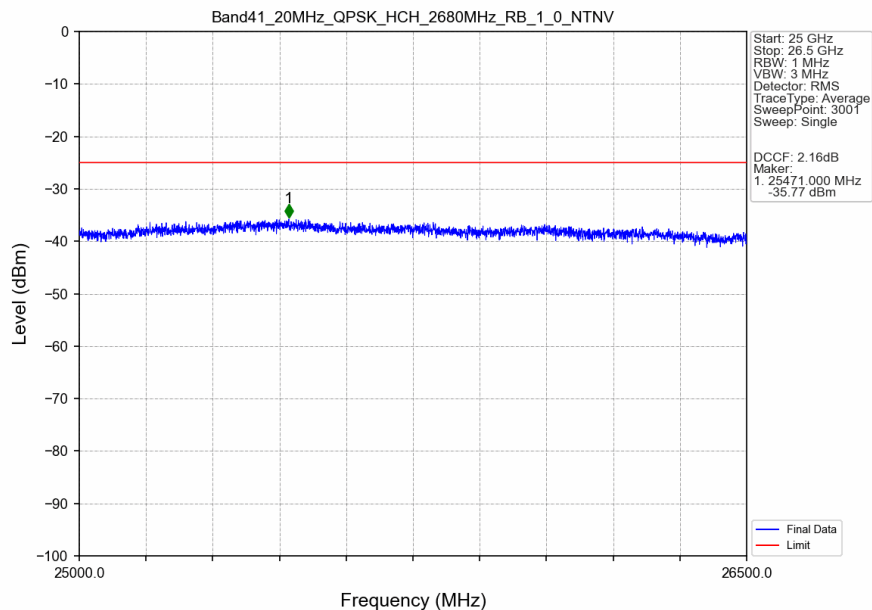
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTN



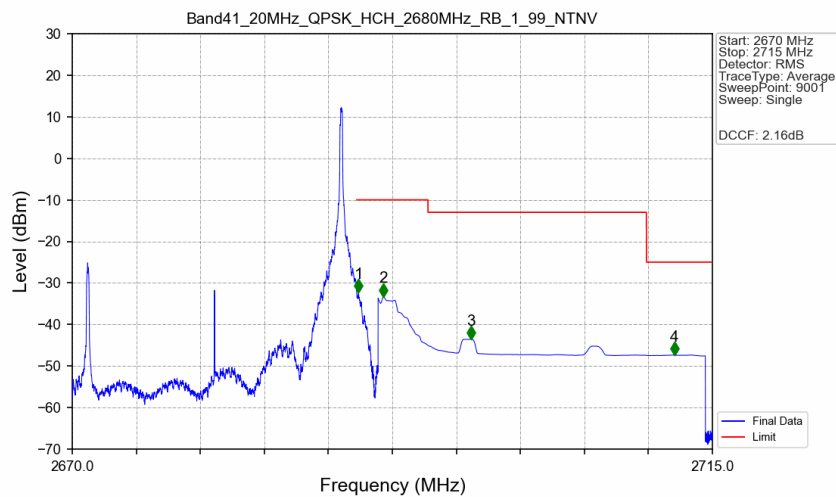
Band41 20MHz QPSK HCH 2680MHz RB 1 0 NTN



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV

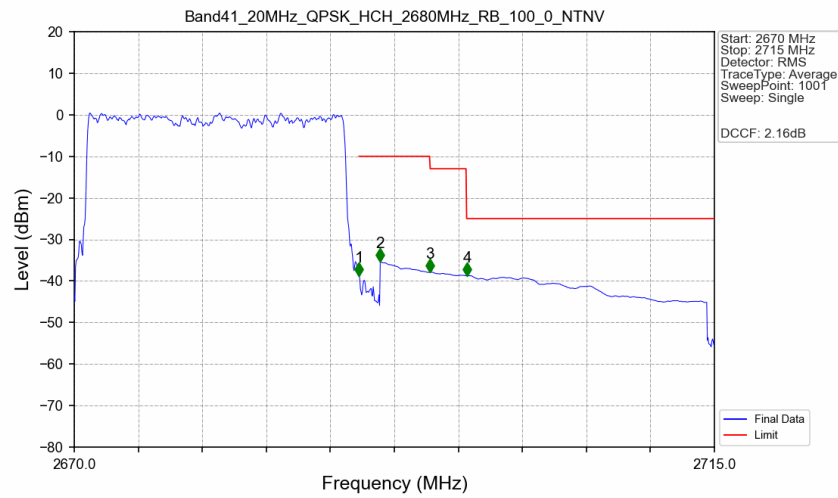


Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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	2690.125	-32.28	-10	Pass
2691	2695	1	CHP	2	2691.875	-33.24	-10	Pass
2695	2710.361	1	CHP	3	2698.015	-43.57	-13	Pass
2710.361	2715	1	CHP	4	2712.330	-47.35	-25	Pass

Band41 20MHz QPSK HCH 2680MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2670	2690	0.151	CHP	/	/	/	/	/
2690	2691	0.151	CHP	1	2690.025	-38.74	-10	Pass
2691	2695	1	CHP	2	2691.510	-35.30	-10	Pass
2695	2697.551	1	CHP	3	2695.020	-37.86	-13	Pass
2697.551	2715	1	CHP	4	2697.630	-38.71	-25	Pass

6. Field Strength of Spurious Radiation

LTE Band 41-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
4994.0	-40.87	-25	-15.87	-46.43	4.57	10.13	Horizontal	Pass
7491.0	-53.49	-25	-28.49	-60.28	4.94	11.73	Horizontal	Pass
9988.0	-39.34	-25	-14.34	-46.92	5.46	13.04	Horizontal	Pass
4994.0	-42.08	-25	-17.08	-47.64	4.57	10.13	Vertical	Pass
7491.0	-53.91	-25	-28.91	-60.7	4.94	11.73	Vertical	Pass
9988.0	-39.37	-25	-14.37	-46.95	5.46	13.04	Vertical	Pass

LTE Band 41-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5168.0	-46.31	-25	-21.31	-51.93	4.62	10.24	Horizontal	Pass
7752.0	-45.74	-25	-20.74	-52.82	4.96	12.04	Horizontal	Pass
10336.0	-46.49	-25	-21.49	-54.07	5.51	13.09	Horizontal	Pass
5168.0	-43.44	-25	-18.44	-49.06	4.62	10.24	Vertical	Pass
7752.0	-42.94	-25	-17.94	-50.02	4.96	12.04	Vertical	Pass
10336.0	-41.42	-25	-16.42	-49.0	5.51	13.09	Vertical	Pass

LTE Band 41-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5342.0	-41.13	-25	-16.13	-46.8	4.68	10.35	Horizontal	Pass
8013.0	-47.14	-25	-22.14	-54.51	4.98	12.35	Horizontal	Pass
10684.0	-40.17	-25	-15.17	-47.72	5.63	13.18	Horizontal	Pass
5342.0	-44.06	-25	-19.06	-49.73	4.68	10.35	Vertical	Pass
8013.0	-39.68	-25	-14.68	-47.05	4.98	12.35	Vertical	Pass
10684.0	-37.96	-25	-12.96	-45.51	5.63	13.18	Vertical	Pass

- End of the Appendix -