

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B71_5MHz_ERP

Band: 71 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	665.5	1	0	24.81	3.00	25.66	<=34.77	Pass
			13	24.28	3.00	25.13	<=34.77	Pass
			24	24.92	3.00	25.77	<=34.77	Pass
		12	0	23.83	3.00	24.68	<=34.77	Pass
			6	23.82	3.00	24.67	<=34.77	Pass
			13	23.73	3.00	24.58	<=34.77	Pass
		25	0	23.83	3.00	24.68	<=34.77	Pass
	680.5	1	0	24.76	3.00	25.61	<=34.77	Pass
			13	24.20	3.00	25.05	<=34.77	Pass
			24	24.36	3.00	25.21	<=34.77	Pass
		12	0	23.89	3.00	24.74	<=34.77	Pass
			6	23.80	3.00	24.65	<=34.77	Pass
			13	23.82	3.00	24.67	<=34.77	Pass
		25	0	23.87	3.00	24.72	<=34.77	Pass
	695.5	1	0	24.84	3.00	25.69	<=34.77	Pass
			13	24.22	3.00	25.07	<=34.77	Pass
			24	24.02	3.00	24.87	<=34.77	Pass
		12	0	23.90	3.00	24.75	<=34.77	Pass
			6	23.92	3.00	24.77	<=34.77	Pass
			13	23.85	3.00	24.70	<=34.77	Pass
		25	0	23.90	3.00	24.75	<=34.77	Pass
16QAM	665.5	1	0	23.99	3.00	24.84	<=34.77	Pass
			13	23.71	3.00	24.56	<=34.77	Pass
			24	23.99	3.00	24.84	<=34.77	Pass
		12	0	22.85	3.00	23.70	<=34.77	Pass
			6	22.89	3.00	23.74	<=34.77	Pass
			13	22.76	3.00	23.61	<=34.77	Pass
		25	0	22.85	3.00	23.70	<=34.77	Pass
	680.5	1	0	23.85	3.00	24.70	<=34.77	Pass
			13	23.66	3.00	24.51	<=34.77	Pass
			24	23.86	3.00	24.71	<=34.77	Pass
		12	0	22.92	3.00	23.77	<=34.77	Pass
			6	22.71	3.00	23.56	<=34.77	Pass
			13	22.86	3.00	23.71	<=34.77	Pass
		25	0	22.86	3.00	23.71	<=34.77	Pass
	695.5	1	0	23.20	3.00	24.05	<=34.77	Pass
			13	23.31	3.00	24.16	<=34.77	Pass
			24	23.83	3.00	24.68	<=34.77	Pass
		12	0	22.94	3.00	23.79	<=34.77	Pass
			6	22.88	3.00	23.73	<=34.77	Pass
			13	22.80	3.00	23.65	<=34.77	Pass
		25	0	22.86	3.00	23.71	<=34.77	Pass
64QAM	665.5	1	0	23.86	3.00	24.71	<=34.77	Pass
			13	23.52	3.00	24.37	<=34.77	Pass
			24	23.52	3.00	24.37	<=34.77	Pass
		12	0	22.73	3.00	23.58	<=34.77	Pass
			6	22.85	3.00	23.70	<=34.77	Pass

			13	22.88	3.00	23.73	<=34.77	Pass
		25	0	22.87	3.00	23.72	<=34.77	Pass
	680.5	1	0	23.67	3.00	24.52	<=34.77	Pass
			13	23.86	3.00	24.71	<=34.77	Pass
			24	23.07	3.00	23.92	<=34.77	Pass
		12	0	22.93	3.00	23.78	<=34.77	Pass
			6	22.72	3.00	23.57	<=34.77	Pass
			13	22.83	3.00	23.68	<=34.77	Pass
		25	0	22.92	3.00	23.77	<=34.77	Pass
		695.5	1	0	23.31	3.00	24.16	<=34.77
	13			23.62	3.00	24.47	<=34.77	Pass
	24			23.77	3.00	24.62	<=34.77	Pass
	12		0	22.64	3.00	23.49	<=34.77	Pass
			6	22.92	3.00	23.77	<=34.77	Pass
			13	22.79	3.00	23.64	<=34.77	Pass
	25		0	22.85	3.00	23.70	<=34.77	Pass
	Note1: ERP=Conducted Power+Antenna Gain-2.15							

1.1.2 B71_10MHz_ERP

Band: 71 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	24.35	3.00	25.20	<=34.77	Pass
			25	24.98	3.00	25.83	<=34.77	Pass
			49	24.29	3.00	25.14	<=34.77	Pass
		25	0	23.89	3.00	24.74	<=34.77	Pass
			13	23.93	3.00	24.78	<=34.77	Pass
			25	23.81	3.00	24.66	<=34.77	Pass
		50	0	23.91	3.00	24.76	<=34.77	Pass
	680.5	1	0	24.22	3.00	25.07	<=34.77	Pass
			25	24.23	3.00	25.08	<=34.77	Pass
			49	24.57	3.00	25.42	<=34.77	Pass
		25	0	23.79	3.00	24.64	<=34.77	Pass
			13	23.92	3.00	24.77	<=34.77	Pass
			25	23.81	3.00	24.66	<=34.77	Pass
		50	0	23.94	3.00	24.79	<=34.77	Pass
	693	1	0	24.82	3.00	25.67	<=34.77	Pass
			25	24.38	3.00	25.23	<=34.77	Pass
			49	24.01	3.00	24.86	<=34.77	Pass
		25	0	23.87	3.00	24.72	<=34.77	Pass
			13	23.87	3.00	24.72	<=34.77	Pass
			25	23.84	3.00	24.69	<=34.77	Pass
		50	0	23.78	3.00	24.63	<=34.77	Pass
16QAM	668	1	0	24.05	3.00	24.90	<=34.77	Pass
			25	23.35	3.00	24.20	<=34.77	Pass
			49	23.74	3.00	24.59	<=34.77	Pass
		25	0	22.81	3.00	23.66	<=34.77	Pass
			13	22.88	3.00	23.73	<=34.77	Pass
			25	22.93	3.00	23.78	<=34.77	Pass
		50	0	22.87	3.00	23.72	<=34.77	Pass
	680.5	1	0	24.17	3.00	25.02	<=34.77	Pass
			25	23.92	3.00	24.77	<=34.77	Pass
			49	23.81	3.00	24.66	<=34.77	Pass
		25	0	22.94	3.00	23.79	<=34.77	Pass
			13	22.97	3.00	23.82	<=34.77	Pass
			25	22.93	3.00	23.78	<=34.77	Pass

		50	0	22.79	3.00	23.64	<=34.77	Pass
	693	1	0	24.00	3.00	24.85	<=34.77	Pass
			25	23.57	3.00	24.42	<=34.77	Pass
			49	23.57	3.00	24.42	<=34.77	Pass
			0	22.84	3.00	23.69	<=34.77	Pass
		25	13	22.82	3.00	23.67	<=34.77	Pass
			25	22.87	3.00	23.72	<=34.77	Pass
			50	0	22.86	3.00	23.71	<=34.77
		64QAM	668	1	0	23.64	3.00	24.49
25	23.71				3.00	24.56	<=34.77	Pass
49	23.41				3.00	24.26	<=34.77	Pass
25	0			22.78	3.00	23.63	<=34.77	Pass
	13			22.86	3.00	23.71	<=34.77	Pass
	25			22.83	3.00	23.68	<=34.77	Pass
50	0			22.86	3.00	23.71	<=34.77	Pass
680.5	1			0	23.48	3.00	24.33	<=34.77
			25	23.68	3.00	24.53	<=34.77	Pass
			49	22.97	3.00	23.82	<=34.77	Pass
	25		0	22.82	3.00	23.67	<=34.77	Pass
			13	22.94	3.00	23.79	<=34.77	Pass
			25	22.90	3.00	23.75	<=34.77	Pass
	50		0	22.89	3.00	23.74	<=34.77	Pass
693	1		0	23.85	3.00	24.70	<=34.77	Pass
			25	23.56	3.00	24.41	<=34.77	Pass
			49	23.49	3.00	24.34	<=34.77	Pass
	25		0	22.93	3.00	23.78	<=34.77	Pass
			13	22.85	3.00	23.70	<=34.77	Pass
			25	22.87	3.00	23.72	<=34.77	Pass
	50		0	22.85	3.00	23.70	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	24.85	3.00	25.70	<=34.77	Pass
			38	24.47	3.00	25.32	<=34.77	Pass
			74	24.27	3.00	25.12	<=34.77	Pass
		36	0	23.92	3.00	24.77	<=34.77	Pass
			18	23.98	3.00	24.83	<=34.77	Pass
			39	23.77	3.00	24.62	<=34.77	Pass
		75	0	23.84	3.00	24.69	<=34.77	Pass
	680.5	1	0	24.83	3.00	25.68	<=34.77	Pass
			38	24.86	3.00	25.71	<=34.77	Pass
			74	24.39	3.00	25.24	<=34.77	Pass
		36	0	23.79	3.00	24.64	<=34.77	Pass
			18	23.86	3.00	24.71	<=34.77	Pass
			39	23.73	3.00	24.58	<=34.77	Pass
		75	0	23.83	3.00	24.68	<=34.77	Pass
	690.5	1	0	24.47	3.00	25.32	<=34.77	Pass
			38	24.38	3.00	25.23	<=34.77	Pass
			74	24.76	3.00	25.61	<=34.77	Pass
		36	0	23.78	3.00	24.63	<=34.77	Pass
			18	23.79	3.00	24.64	<=34.77	Pass
			39	23.78	3.00	24.63	<=34.77	Pass
		75	0	23.86	3.00	24.71	<=34.77	Pass

16QAM	670.5	1	0	23.51	3.00	24.36	<=34.77	Pass	
			38	23.70	3.00	24.55	<=34.77	Pass	
			74	23.95	3.00	24.80	<=34.77	Pass	
		36	0	22.88	3.00	23.73	<=34.77	Pass	
			18	22.95	3.00	23.80	<=34.77	Pass	
			39	22.89	3.00	23.74	<=34.77	Pass	
		75	0	22.87	3.00	23.72	<=34.77	Pass	
		680.5	1	0	23.57	3.00	24.42	<=34.77	Pass
				38	23.04	3.00	23.89	<=34.77	Pass
	74			23.72	3.00	24.57	<=34.77	Pass	
	36		0	22.83	3.00	23.68	<=34.77	Pass	
			18	22.73	3.00	23.58	<=34.77	Pass	
			39	22.90	3.00	23.75	<=34.77	Pass	
	75		0	22.79	3.00	23.64	<=34.77	Pass	
	690.5		1	0	23.74	3.00	24.59	<=34.77	Pass
				38	23.98	3.00	24.83	<=34.77	Pass
		74		23.38	3.00	24.23	<=34.77	Pass	
		36	0	22.83	3.00	23.68	<=34.77	Pass	
			18	22.78	3.00	23.63	<=34.77	Pass	
			39	22.72	3.00	23.57	<=34.77	Pass	

64QAM	670.5	1	0	23.33	3.00	24.18	<=34.77	Pass	
			38	23.87	3.00	24.72	<=34.77	Pass	
			74	23.67	3.00	24.52	<=34.77	Pass	
		36	0	22.90	3.00	23.75	<=34.77	Pass	
			18	22.97	3.00	23.82	<=34.77	Pass	
			39	22.88	3.00	23.73	<=34.77	Pass	
		75	0	22.94	3.00	23.79	<=34.77	Pass	
		680.5	1	0	23.37	3.00	24.22	<=34.77	Pass
				38	23.44	3.00	24.29	<=34.77	Pass
	74			23.71	3.00	24.56	<=34.77	Pass	
	36		0	22.83	3.00	23.68	<=34.77	Pass	
			18	22.74	3.00	23.59	<=34.77	Pass	
			39	22.78	3.00	23.63	<=34.77	Pass	
	75		0	22.84	3.00	23.69	<=34.77	Pass	
	690.5		1	0	23.54	3.00	24.39	<=34.77	Pass
				38	23.73	3.00	24.58	<=34.77	Pass
		74		23.40	3.00	24.25	<=34.77	Pass	
		36	0	22.83	3.00	23.68	<=34.77	Pass	
			18	22.87	3.00	23.72	<=34.77	Pass	
			39	22.77	3.00	23.62	<=34.77	Pass	
		75	0	22.84	3.00	23.69	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	24.98	3.00	25.83	<=34.77	Pass
			50	24.73	3.00	25.58	<=34.77	Pass
			99	25.00	3.00	25.85	<=34.77	Pass
		50	0	23.77	3.00	24.62	<=34.77	Pass
			25	23.85	3.00	24.70	<=34.77	Pass
			50	23.83	3.00	24.68	<=34.77	Pass
		100	0	23.95	3.00	24.80	<=34.77	Pass
	683	1	0	24.11	3.00	24.96	<=34.77	Pass

2. Frequency Stability

2.1 Test Result

2.1.1 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	680.5	50	0	20	LV	-0.500	-0.0007	-2.5 to 2.5	Pass
					HV	-0.300	-0.0004	-2.5 to 2.5	Pass
					NV	-1.000	-0.0015	-2.5 to 2.5	Pass
				-30	NV	0.300	0.0004	-2.5 to 2.5	Pass
				-20	NV	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	NV	-1.000	-0.0015	-2.5 to 2.5	Pass
				0	NV	0.200	0.0003	-2.5 to 2.5	Pass
				10	NV	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	NV	-3.200	-0.0047	-2.5 to 2.5	Pass
				40	NV	-0.700	-0.0010	-2.5 to 2.5	Pass
				50	NV	-1.500	-0.0022	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

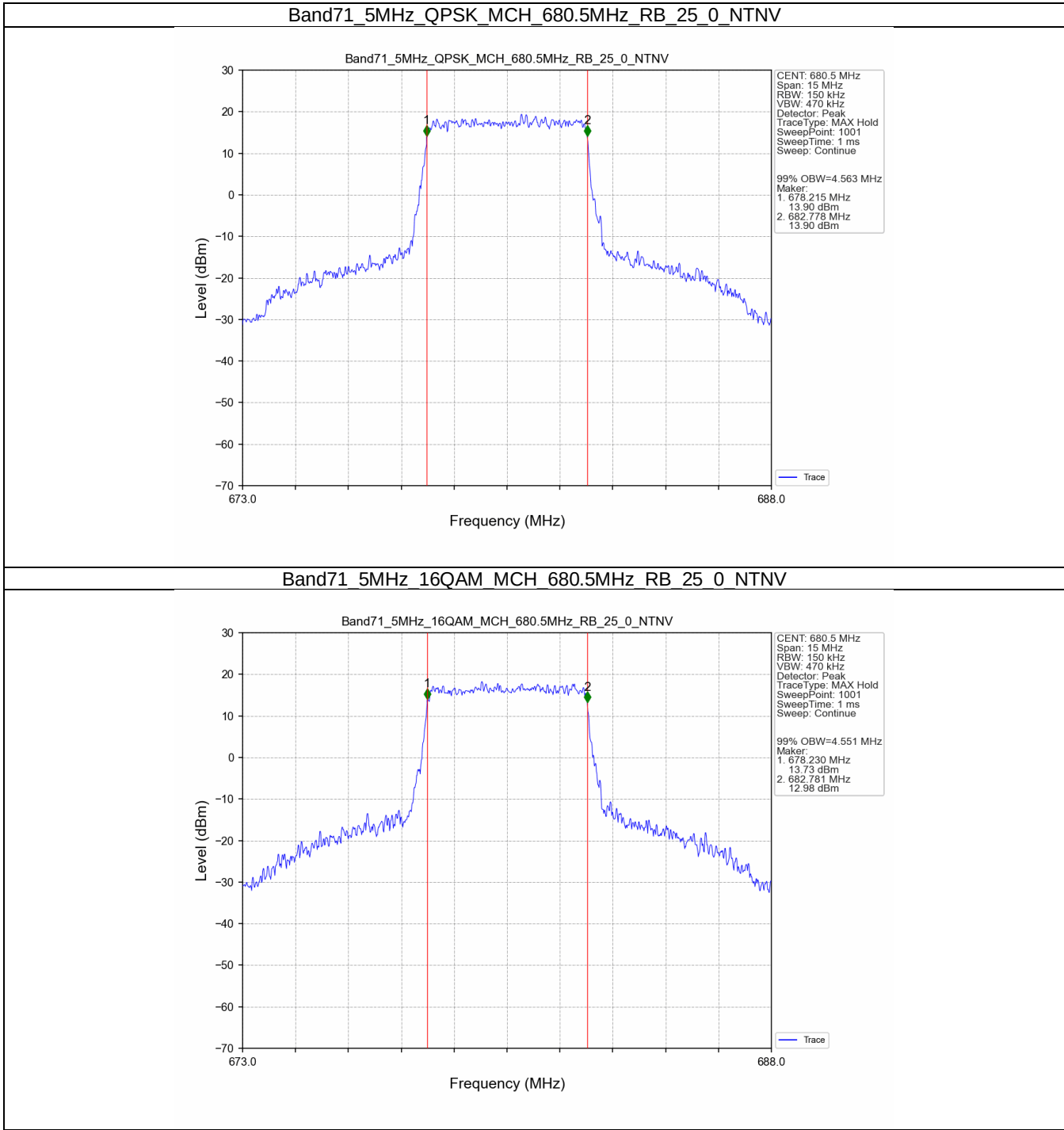
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.563	/	Pass
	16QAM	680.5	25	0	4.551	/	Pass
10	QPSK	680.5	50	0	9.095	/	Pass
	16QAM	680.5	50	0	9.096	/	Pass
15	QPSK	680.5	75	0	13.654	/	Pass
	16QAM	680.5	75	0	13.614	/	Pass
20	QPSK	683	100	0	18.102	/	Pass
	16QAM	683	100	0	18.097	/	Pass

3.1.2 Band71_XDB

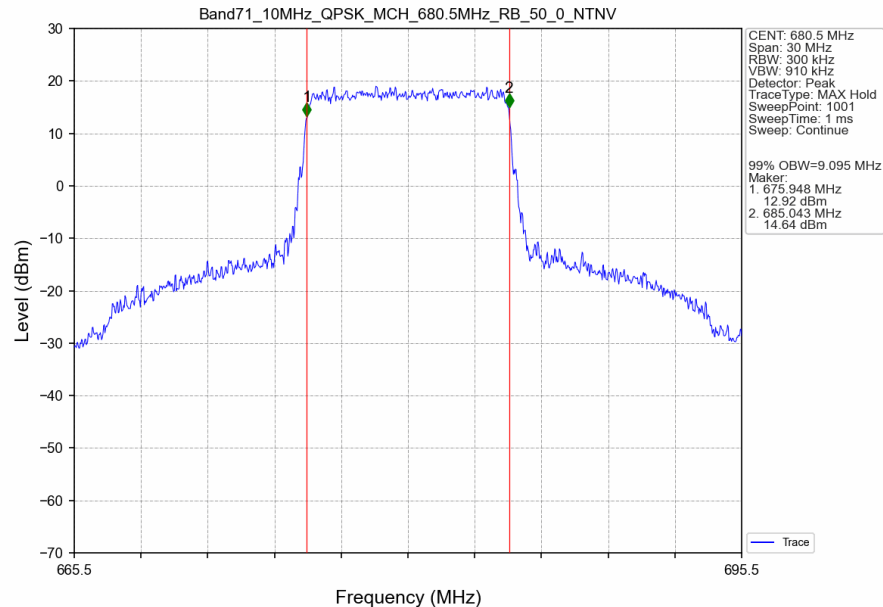
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.302	/	Pass
	16QAM	680.5	25	0	5.307	/	Pass
10	QPSK	680.5	50	0	10.266	/	Pass
	16QAM	680.5	50	0	10.168	/	Pass
15	QPSK	680.5	75	0	15.262	/	Pass
	16QAM	680.5	75	0	15.082	/	Pass
20	QPSK	683	100	0	20.082	/	Pass
	16QAM	683	100	0	19.987	/	Pass

3.2 Test Graph

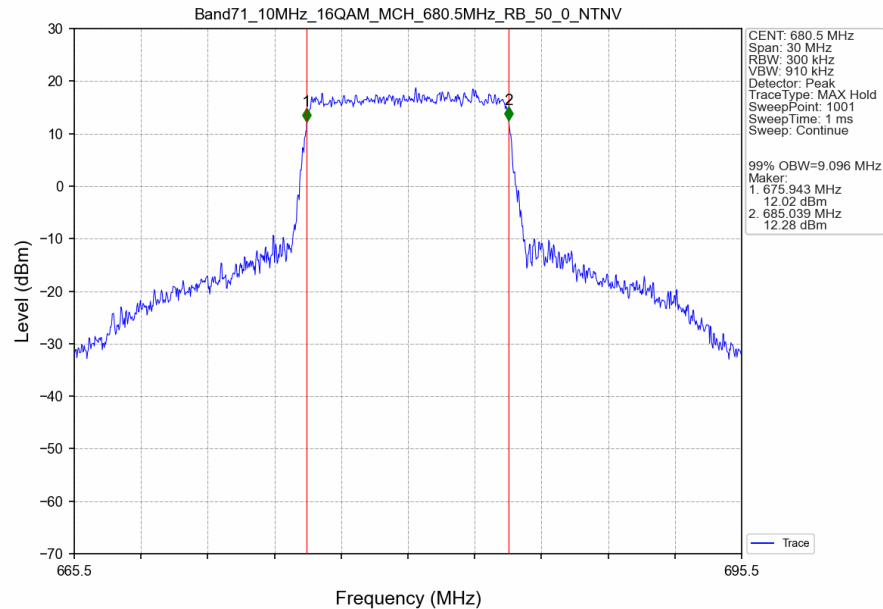
3.2.1 Band71_OBW



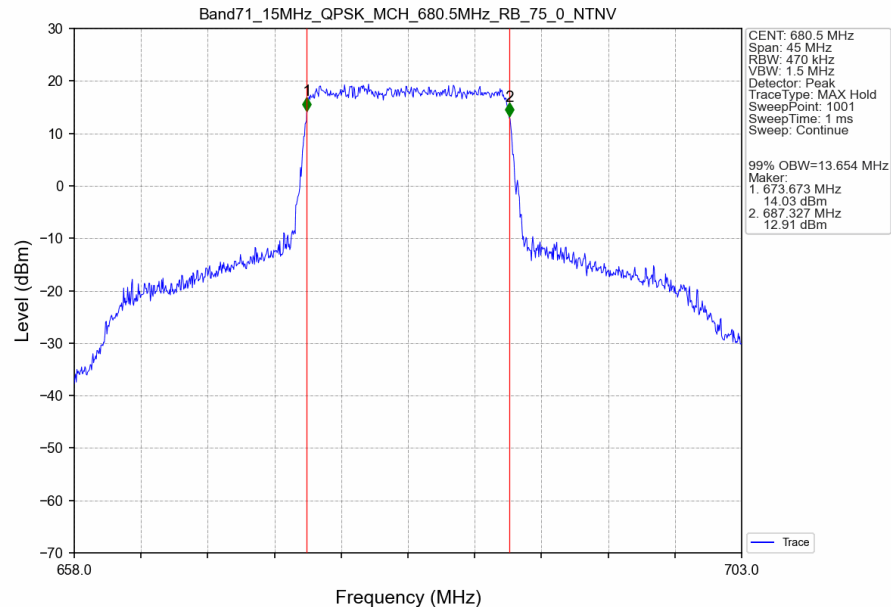
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTV



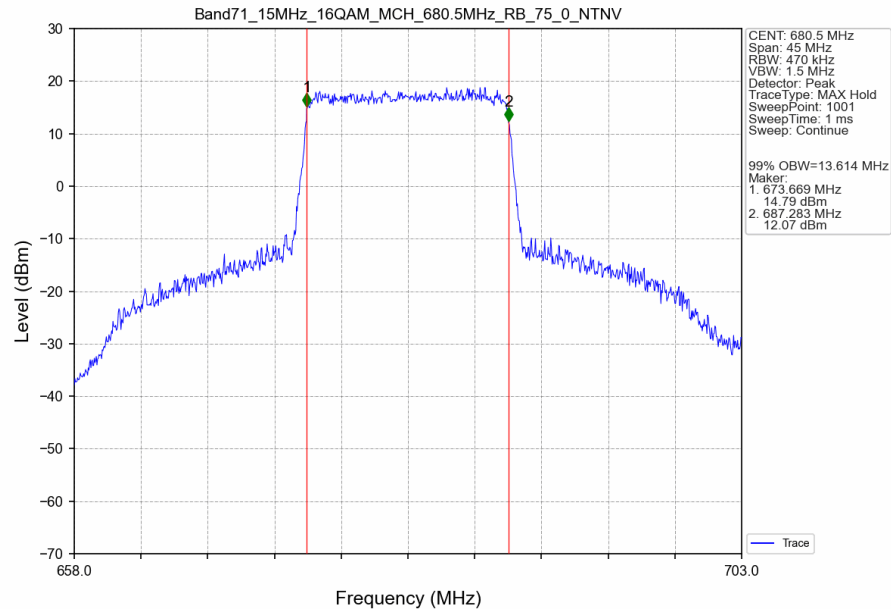
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTV



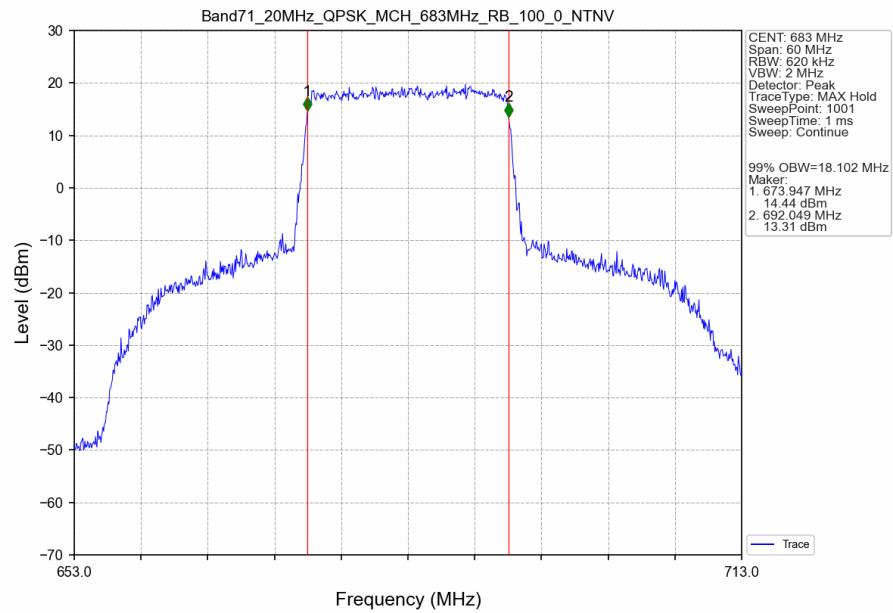
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



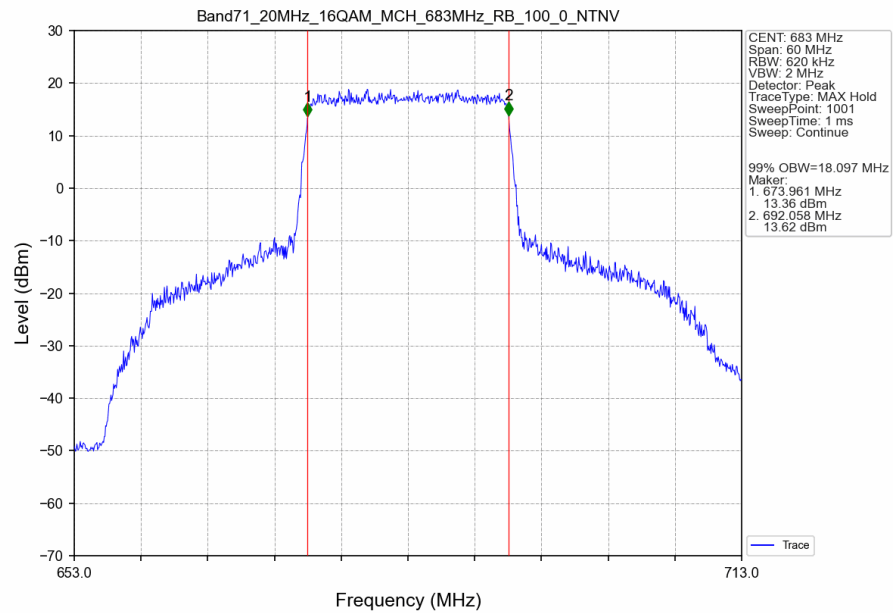
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTV



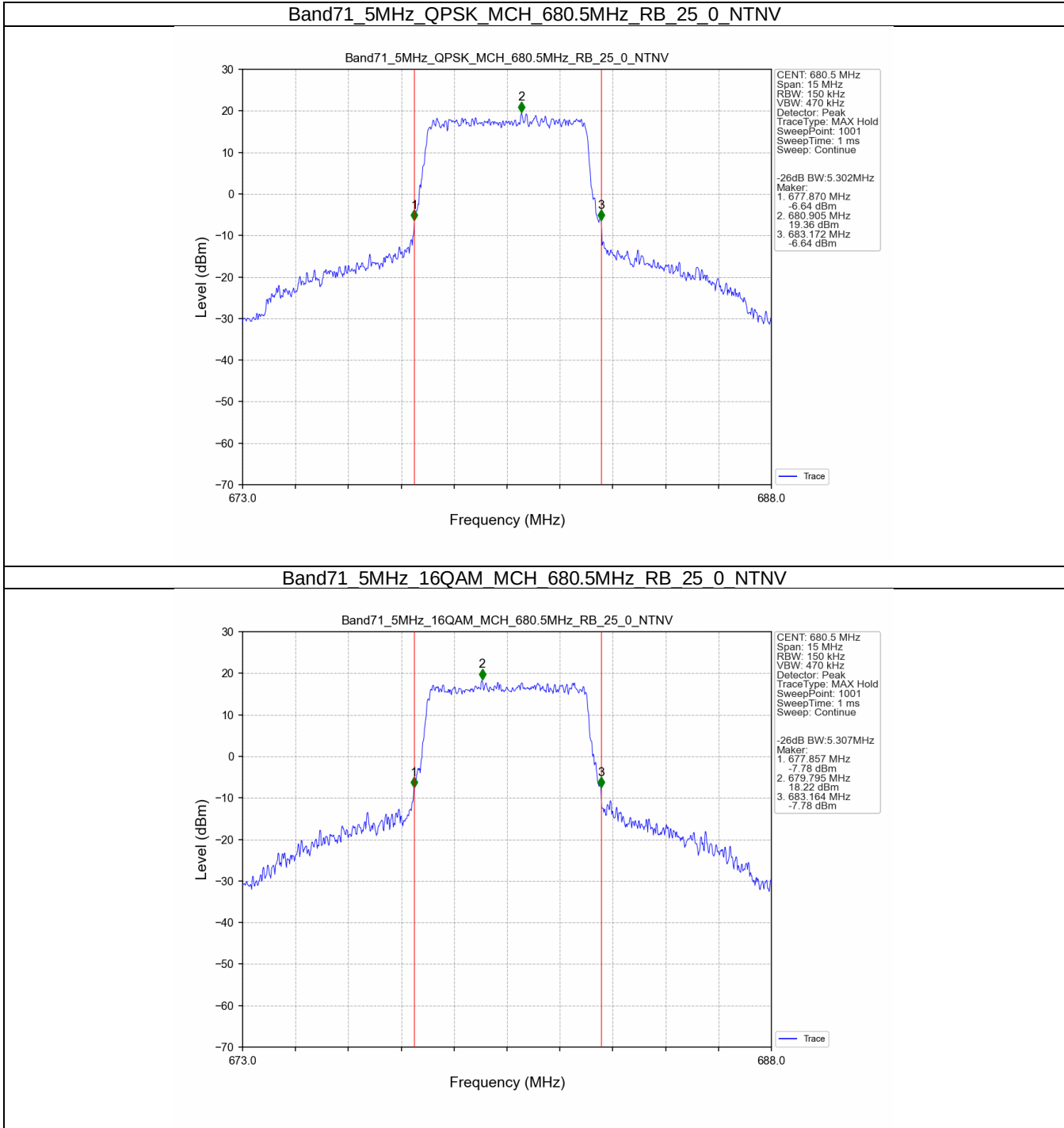
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



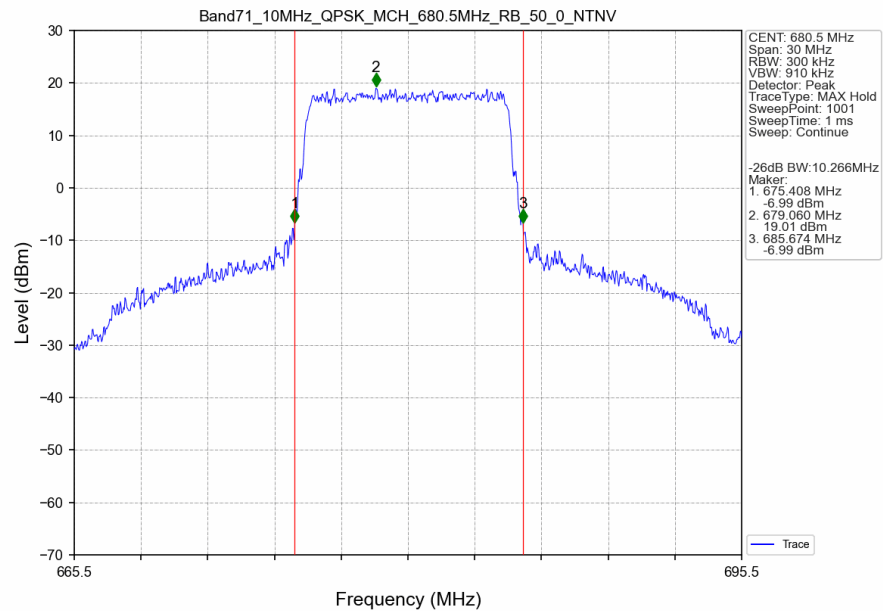
Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



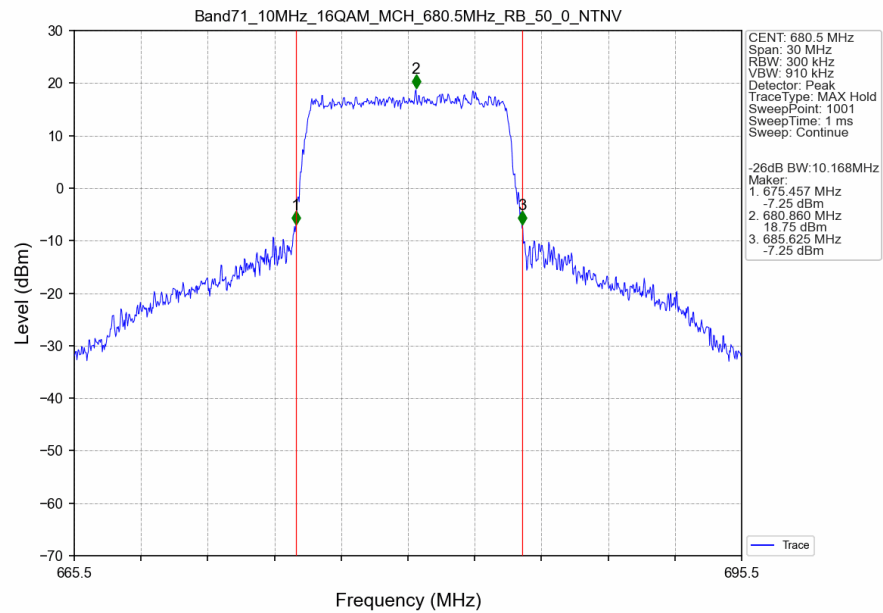
3.2.2 Band71_XDB



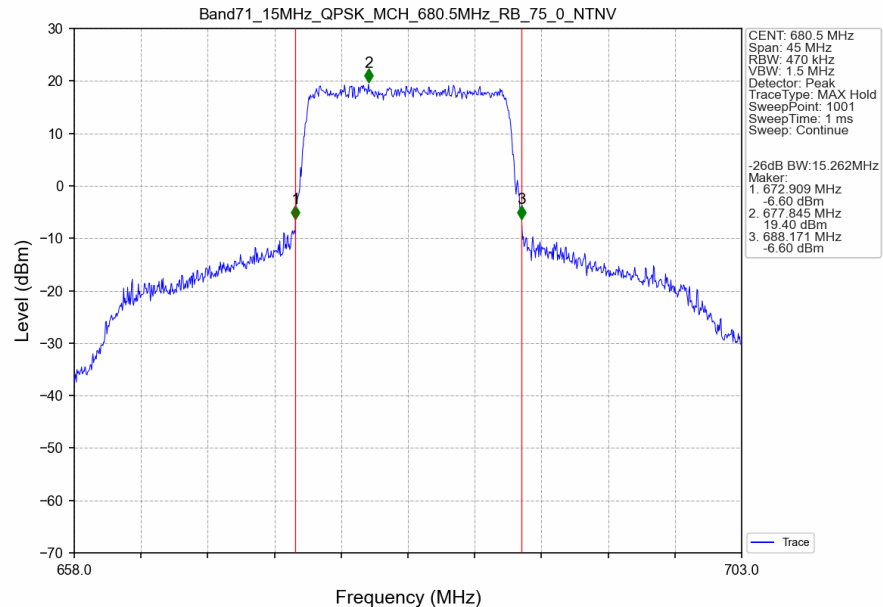
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



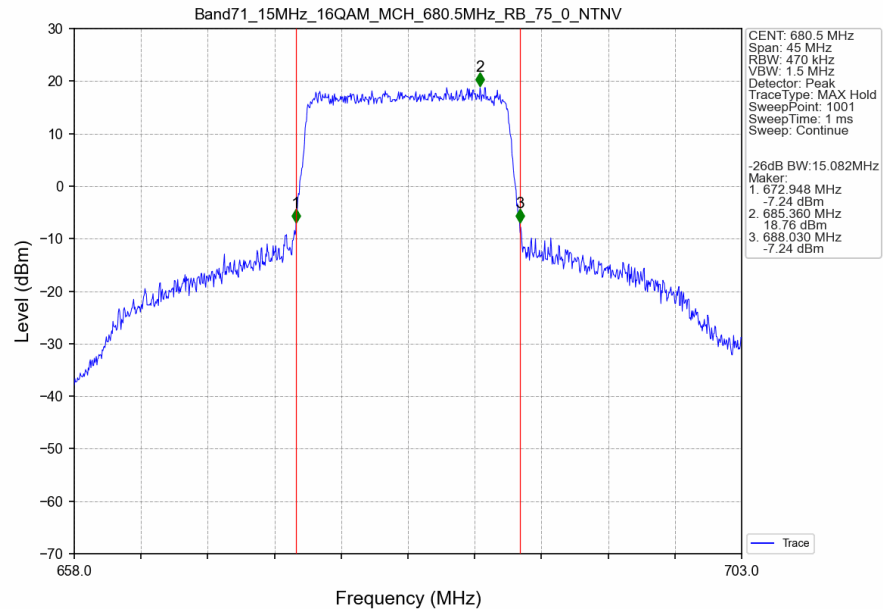
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



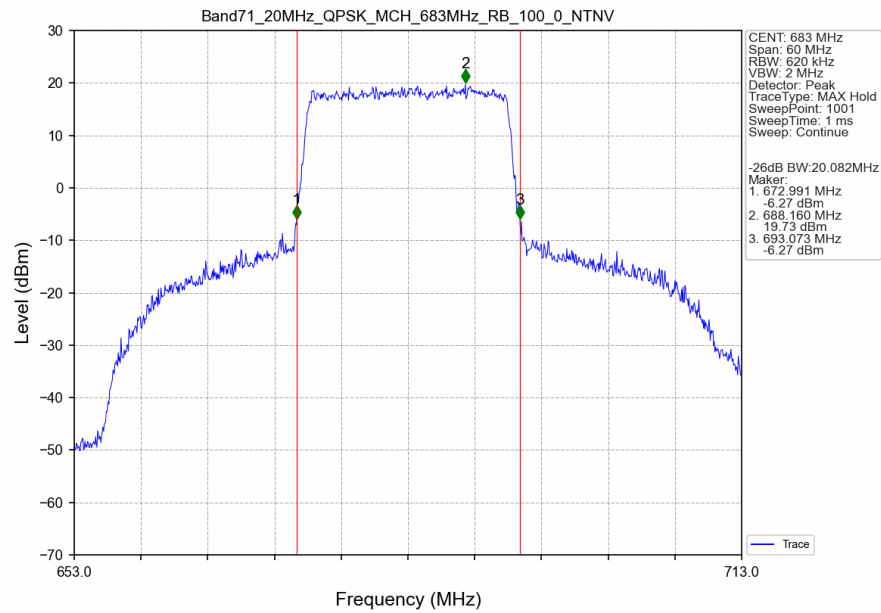
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTV



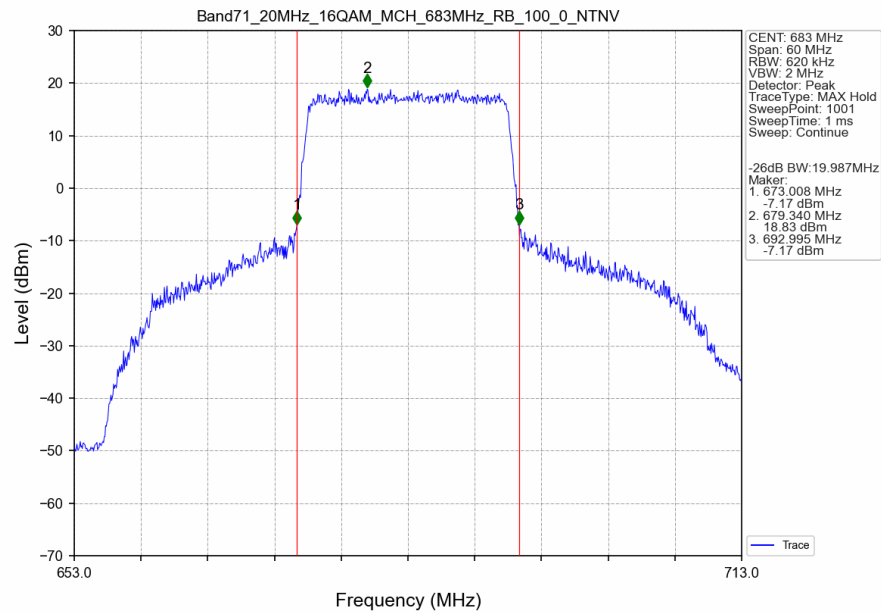
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTV



Band71 20MHz QPSK MCH 683MHz RB 100 0 NTN



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTN



4. Peak-Average Ratio

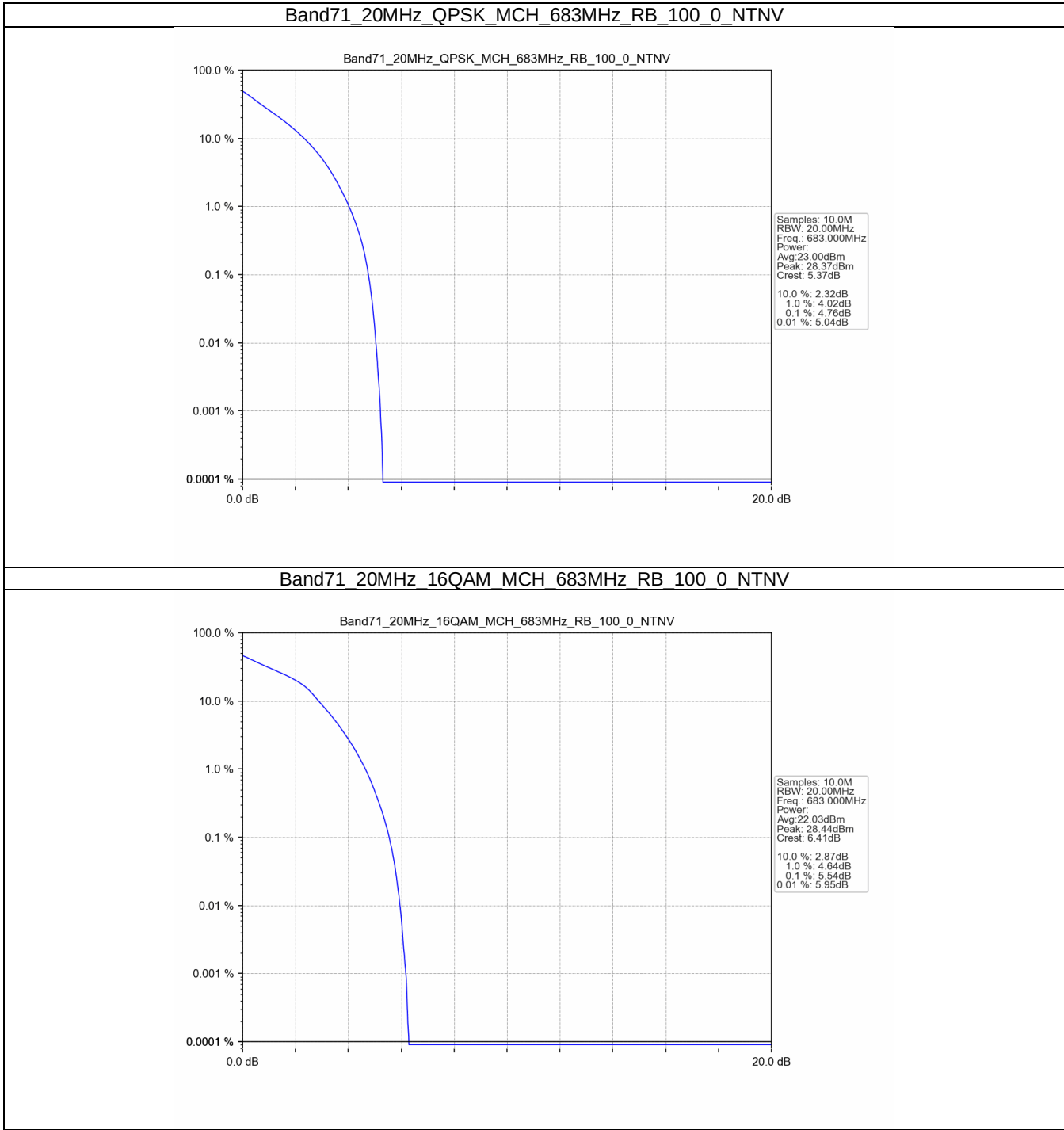
4.1 Test Result

4.1.1 B71_20MHz

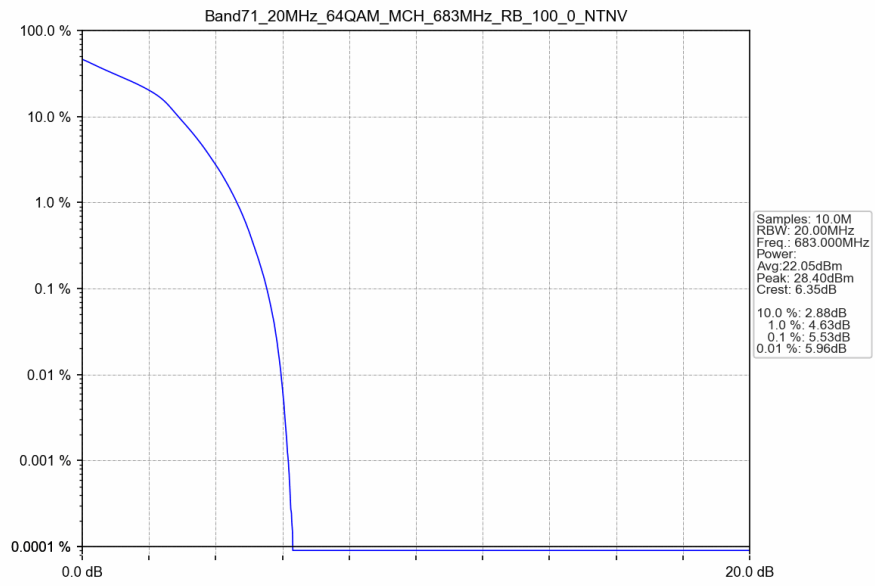
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	4.76	<=13	Pass
16QAM	683	100	0	5.54	<=13	Pass
64QAM	683	100	0	5.53	<=13	Pass

4.2 Test Graph

4.2.1 B71_20MHz



Band71 20MHz 64QAM MCH 683MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	695.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	693	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B71_15MHz

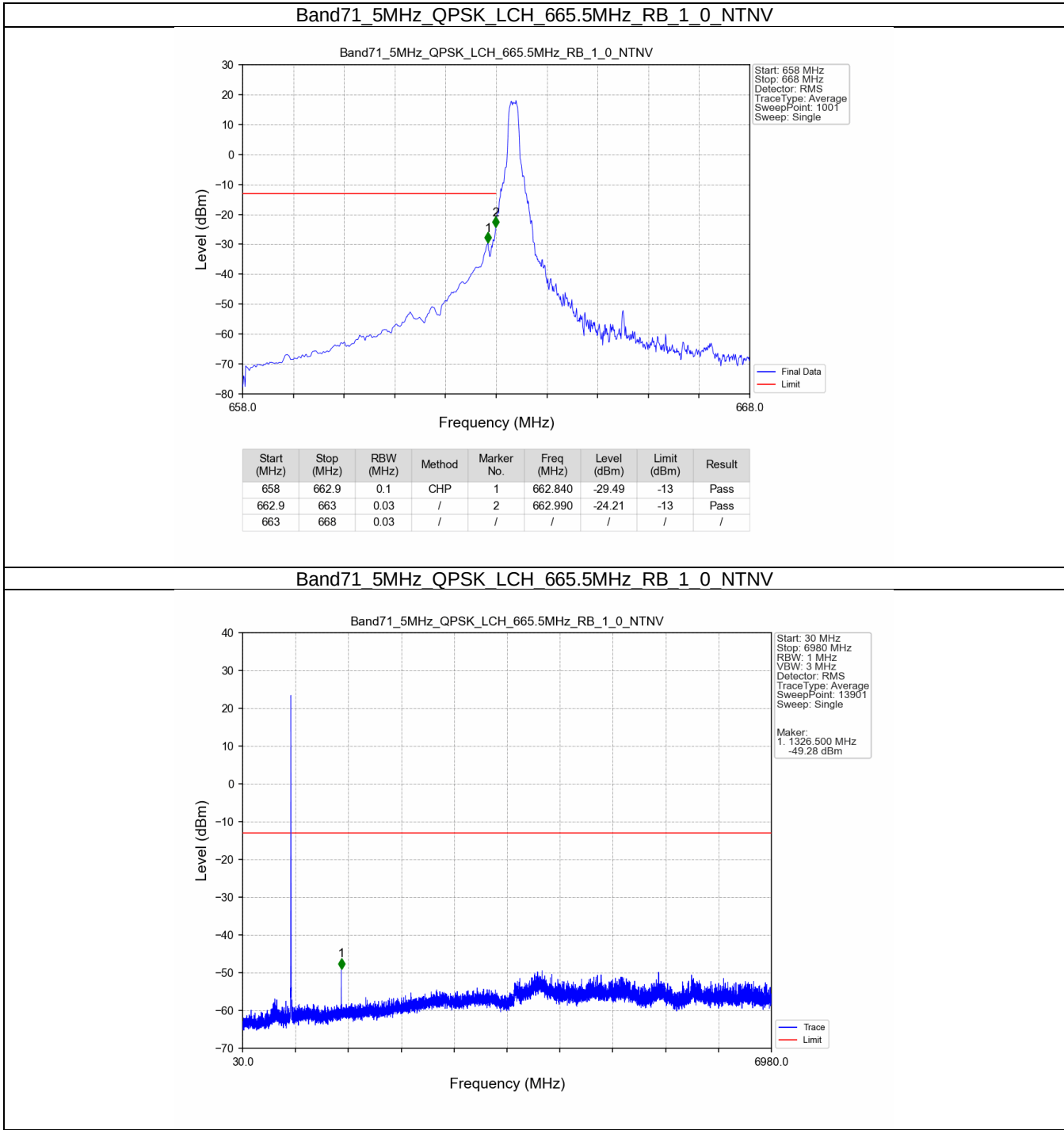
Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
	690.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B71_20MHz

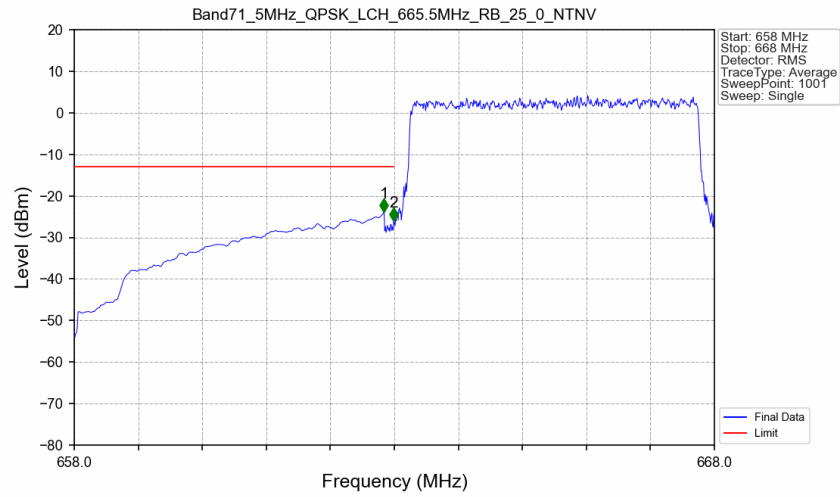
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

5.2.1 B71_5MHz

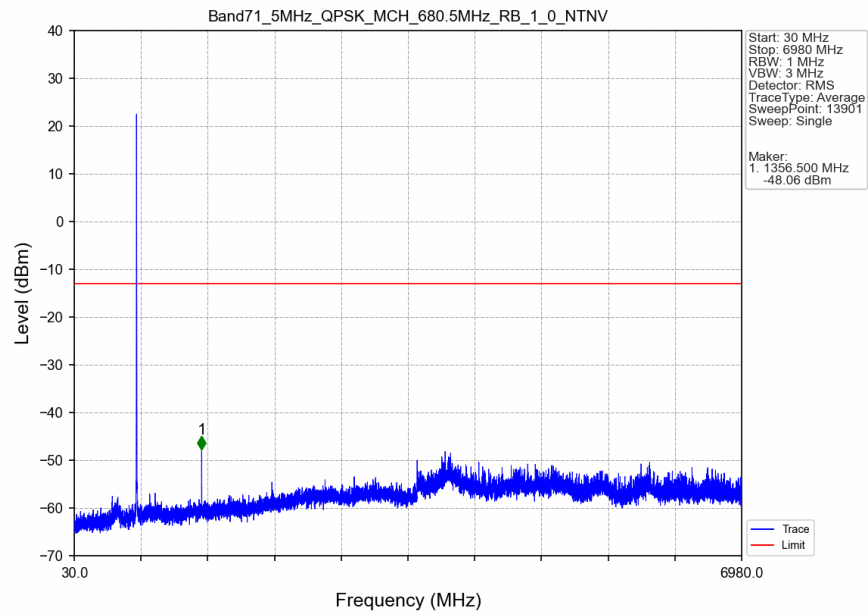


Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV

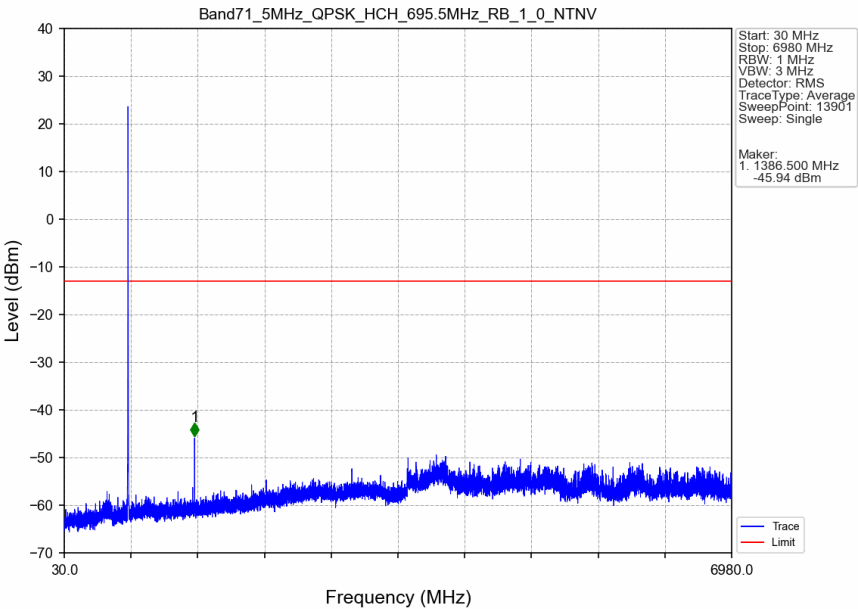


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-23.81	-13	Pass
662.9	663	0.03	/	2	662.990	-25.97	-13	Pass
663	668	0.03	/	/	/	/	/	/

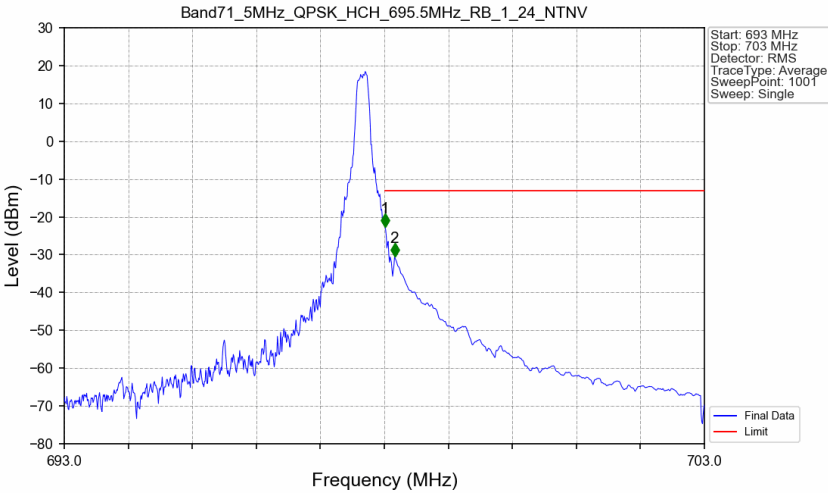
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN

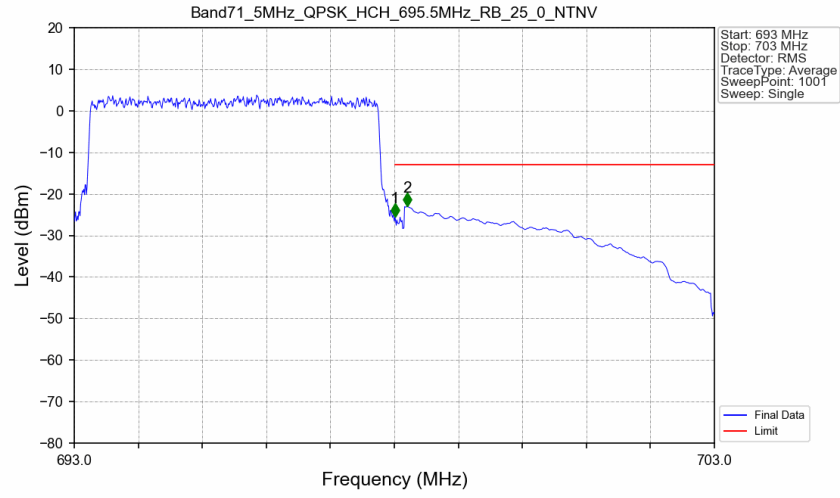


Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTN



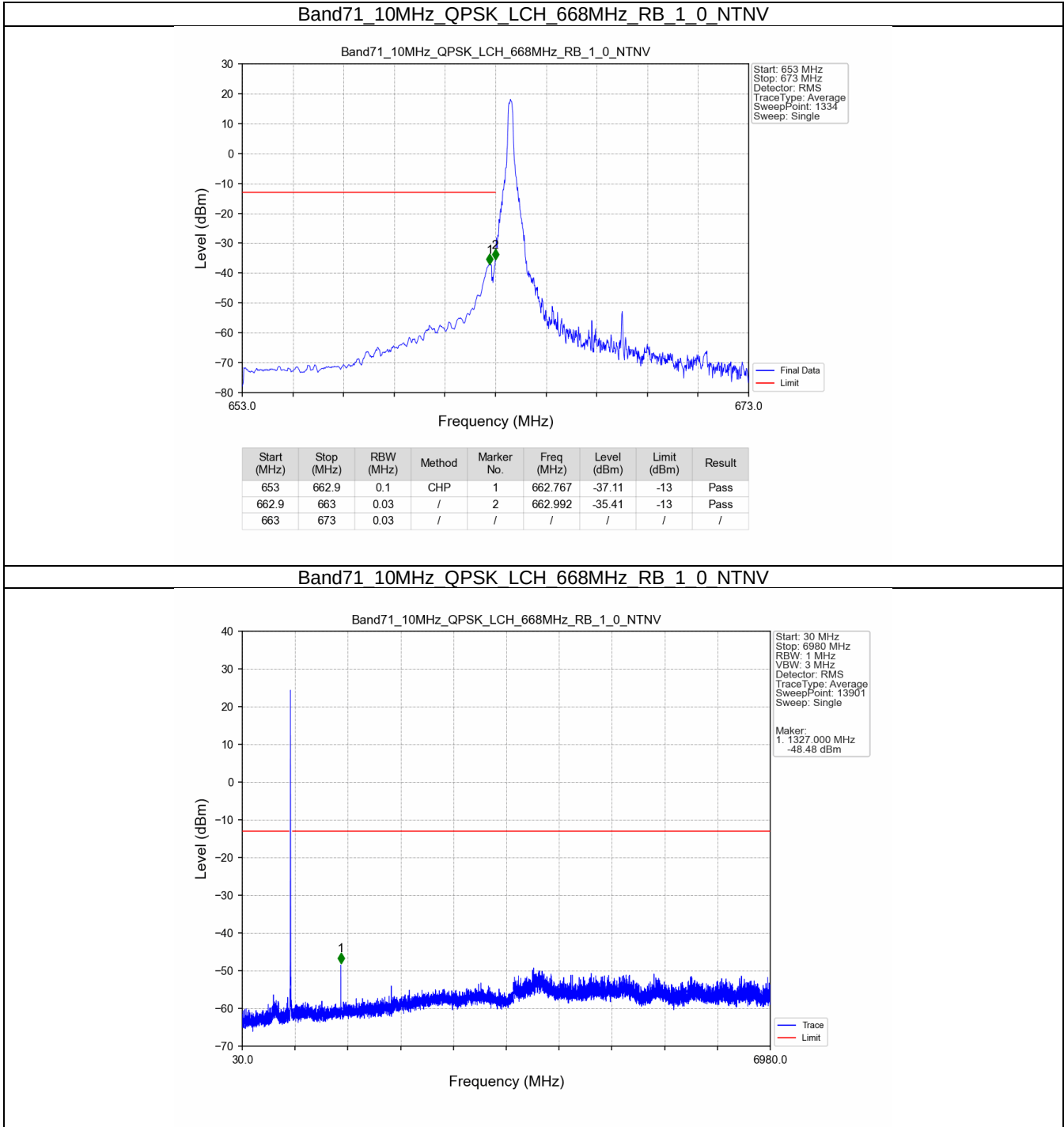
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-22.63	-13	Pass
698.1	703	0.1	CHP	2	698.160	-30.51	-13	Pass

Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV

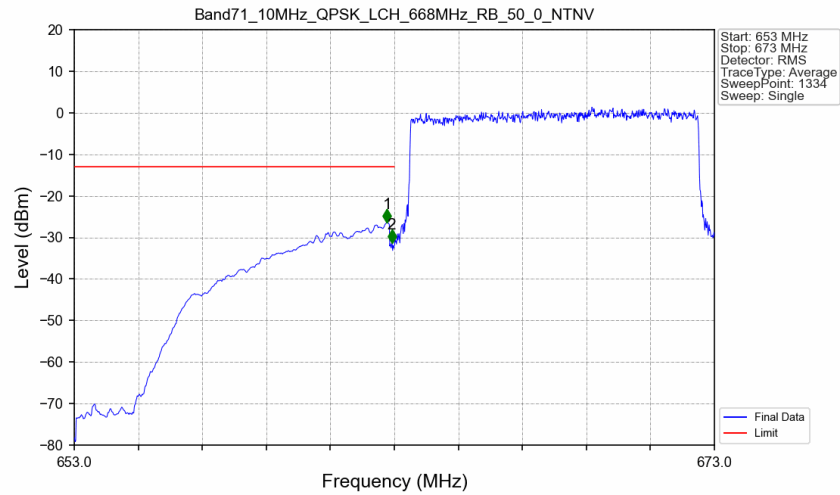


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.010	-25.44	-13	Pass
698.1	703	0.1	CHP	2	698.200	-23.00	-13	Pass

5.2.2 B71_10MHz

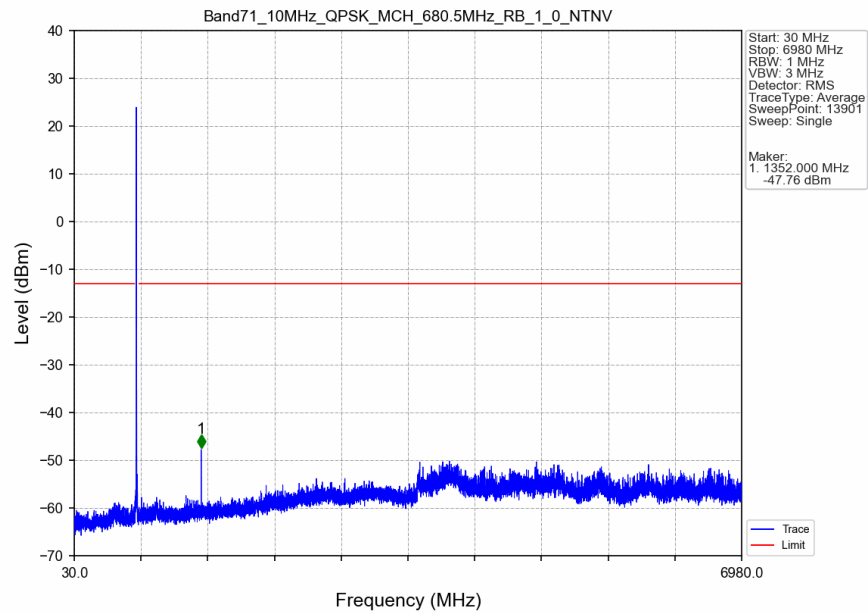


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

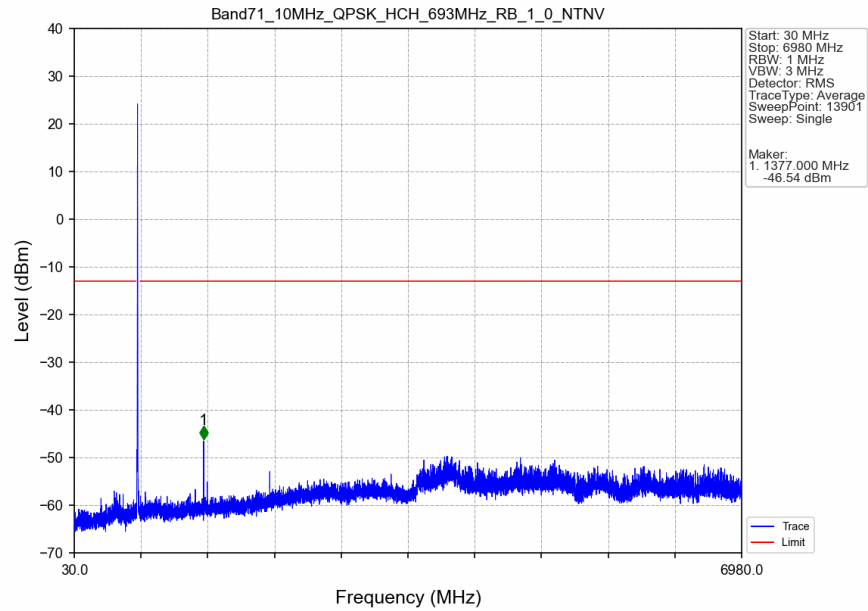


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.767	-26.35	-13	Pass
662.9	663	0.03	/	2	662.917	-31.31	-13	Pass
663	673	0.03	/	/	/	/	/	/

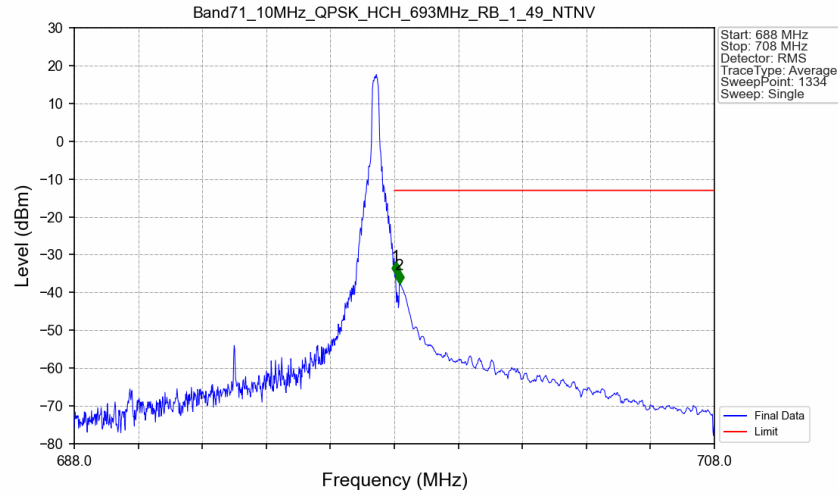
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 10MHz QPSK HCH 693MHz RB 1 0 NTN

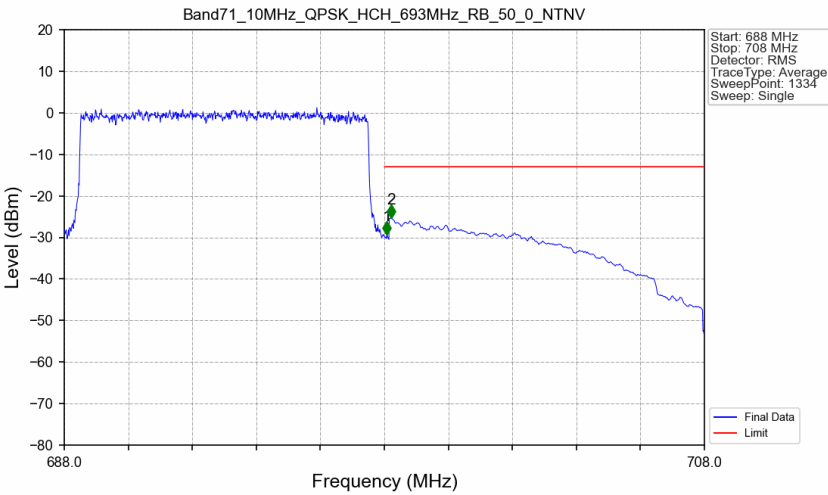


Band71 10MHz QPSK HCH 693MHz RB 1 49 NTN



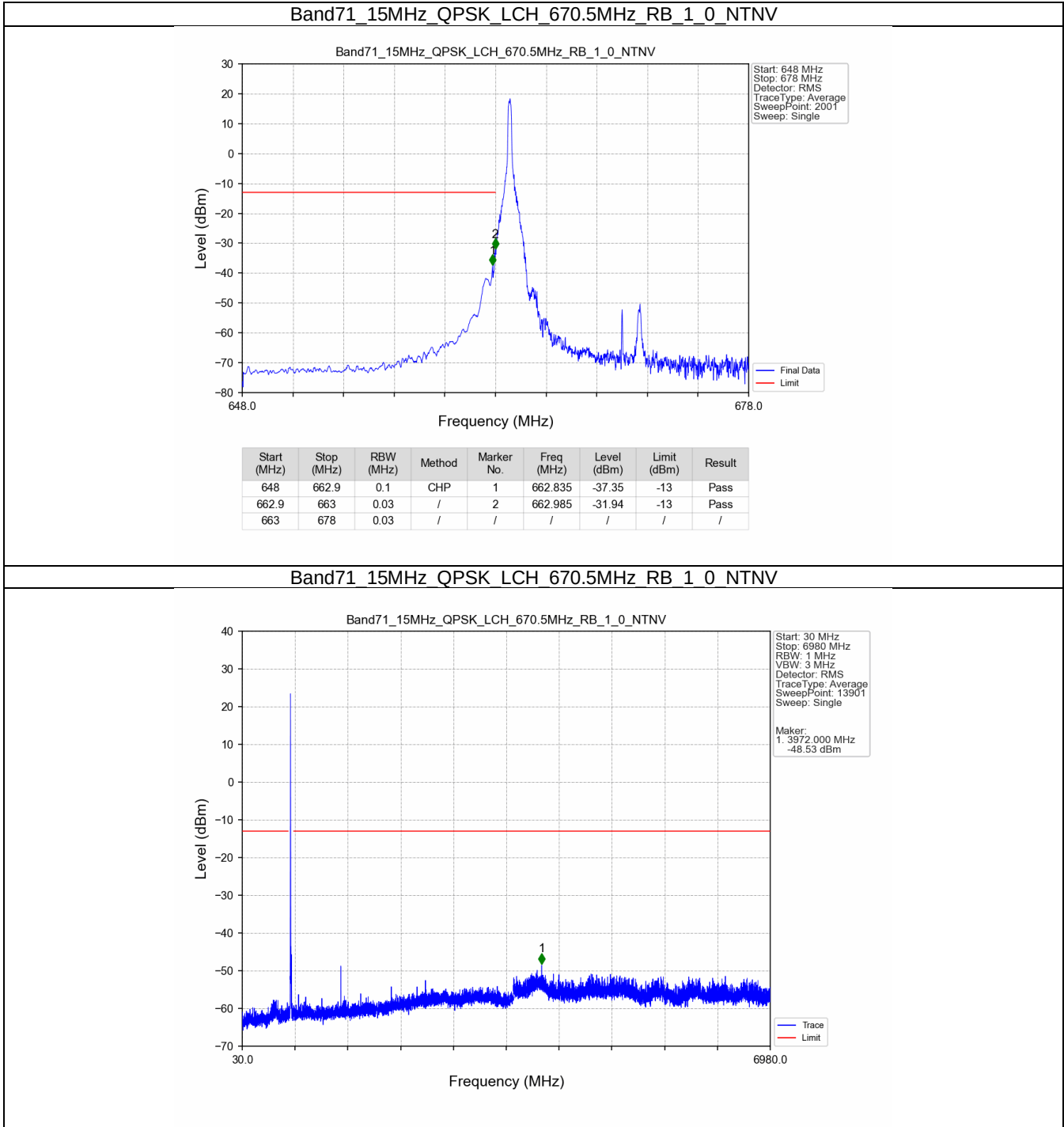
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.038	-35.32	-13	Pass
698.1	708	0.1	CHP	2	698.158	-37.70	-13	Pass

Band71 10MHz QPSK HCH 693MHz RB 50 0 NTV

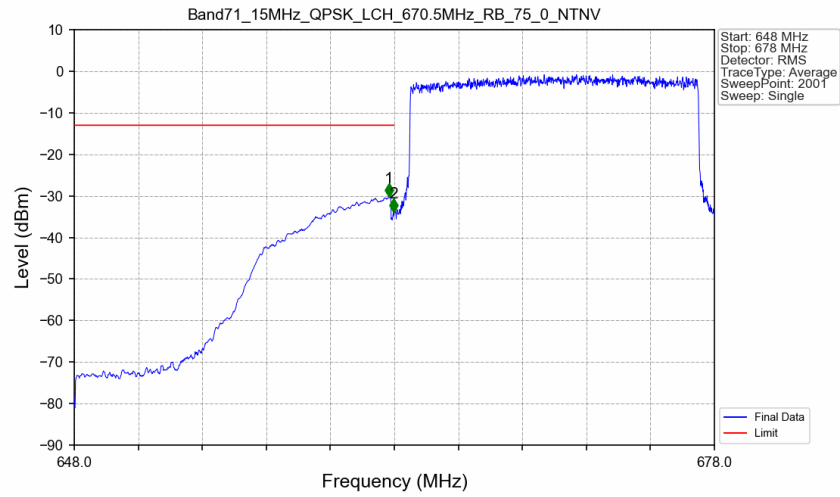


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.083	-29.32	-13	Pass
698.1	708	0.1	CHP	2	698.218	-25.30	-13	Pass

5.2.3 B71_15MHz

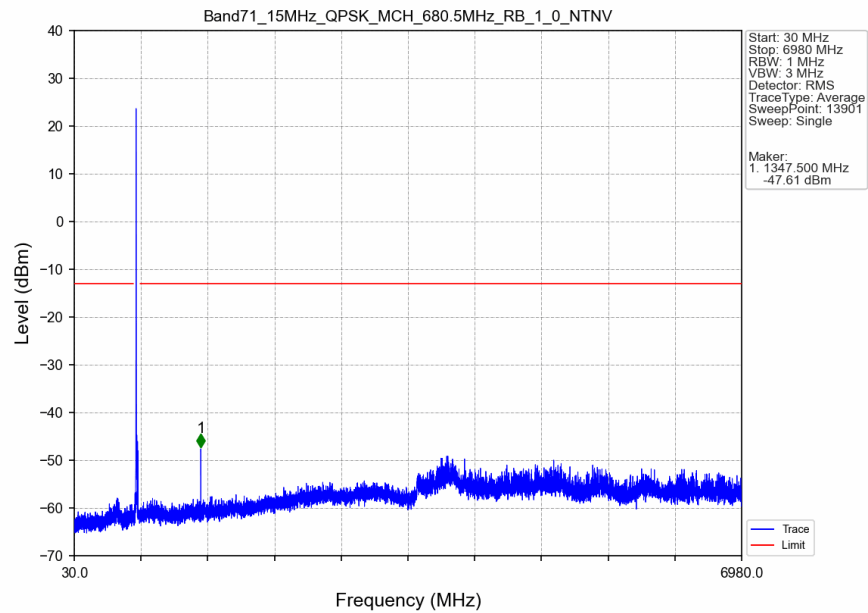


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

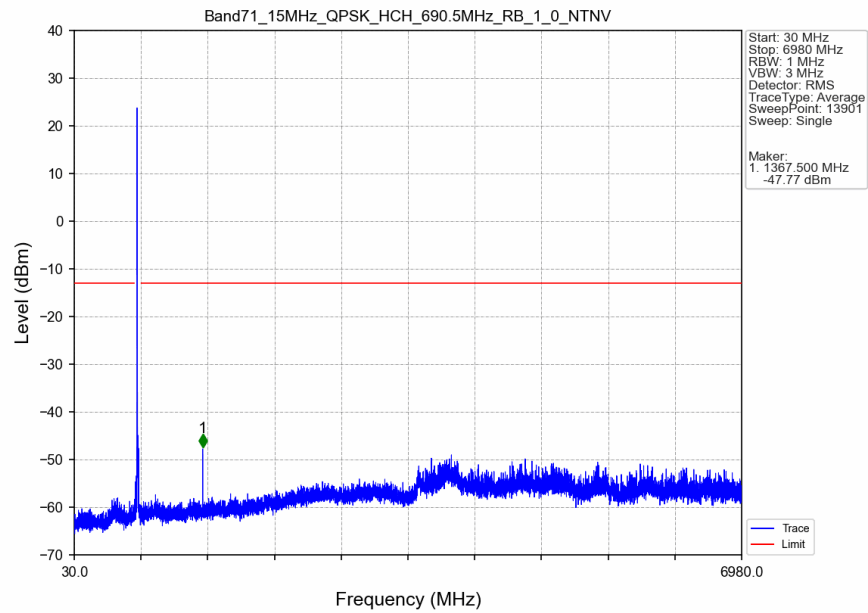


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.745	-30.23	-13	Pass
662.9	663	0.03	/	2	662.955	-33.88	-13	Pass
663	678	0.03	/	/	/	/	/	/

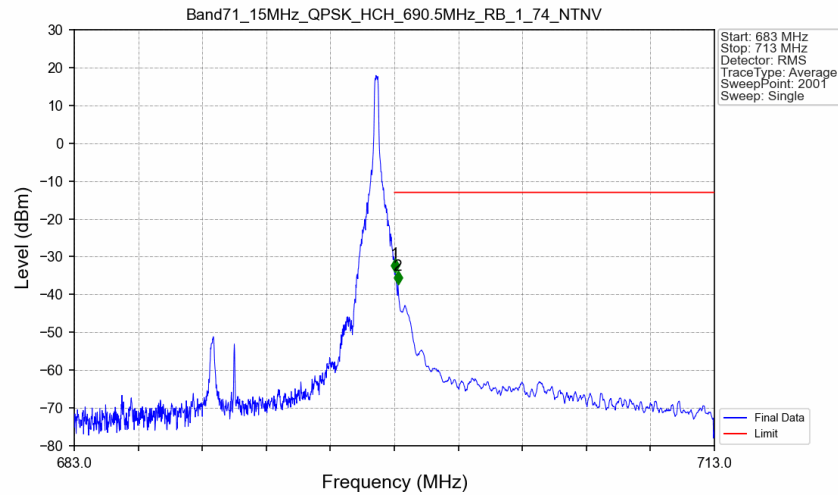
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV

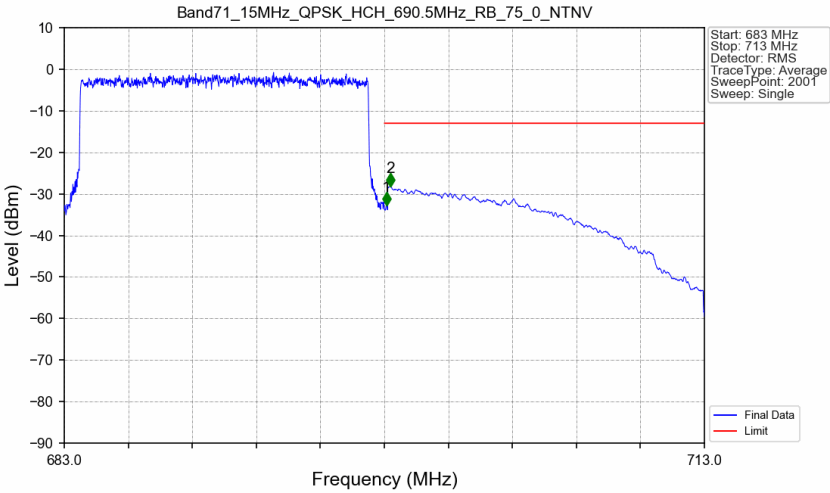


Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTV



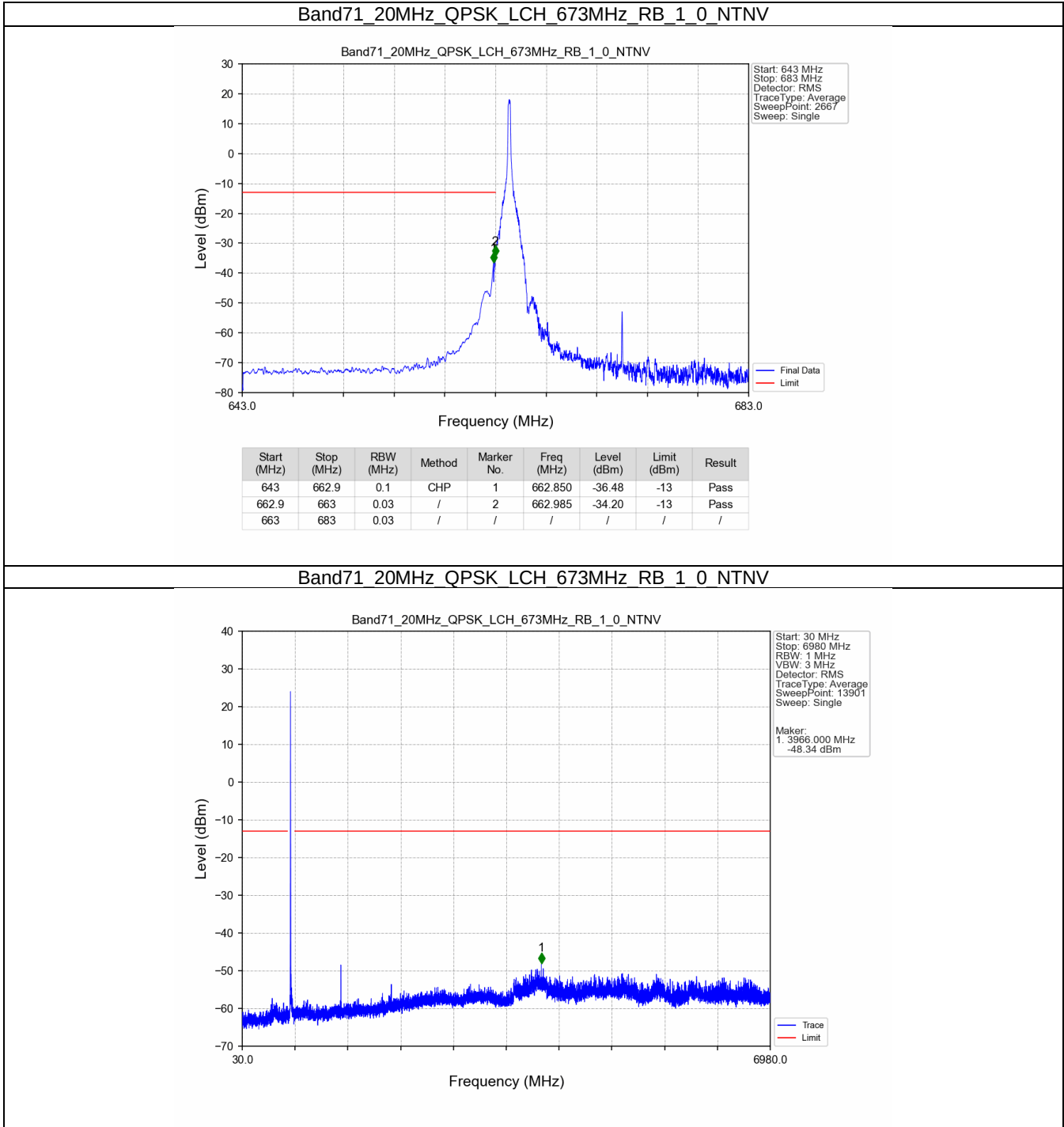
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.030	-34.04	-13	Pass
698.1	713	0.1	CHP	2	698.165	-37.22	-13	Pass

Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTV

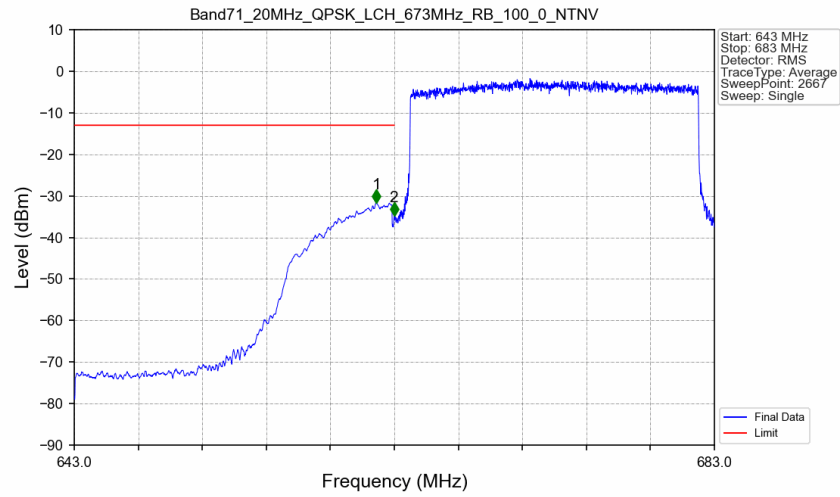


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.090	-32.69	-13	Pass
698.1	713	0.1	CHP	2	698.285	-28.28	-13	Pass

5.2.4 B71_20MHz

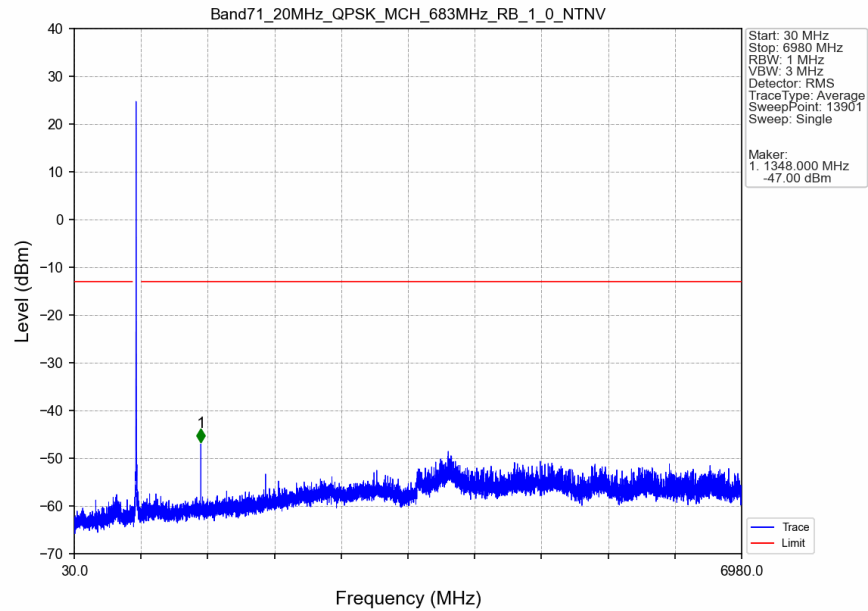


Band71 20MHz QPSK LCH 673MHz RB 100 0 NTN

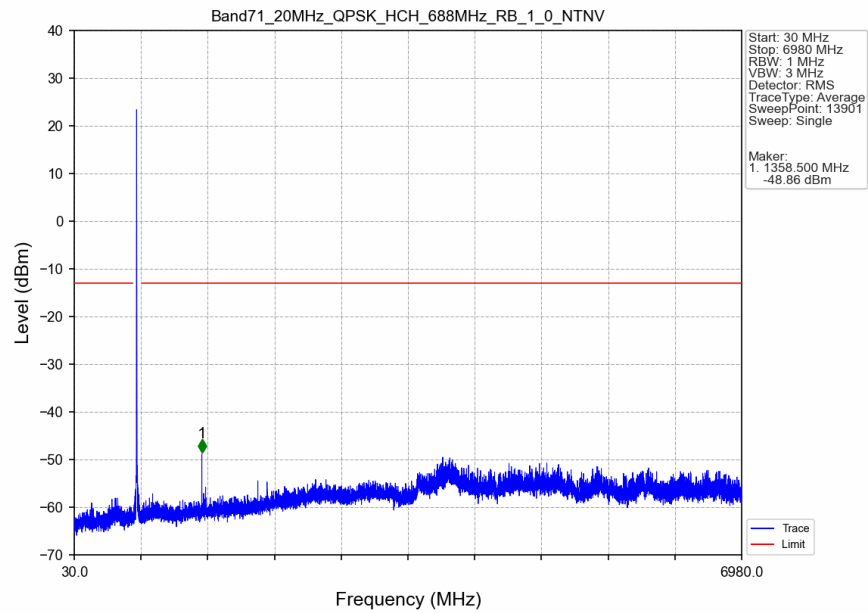


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	661.875	-31.64	-13	Pass
662.9	663	0.03	/	2	662.985	-34.79	-13	Pass
663	683	0.03	/	/	/	/	/	/

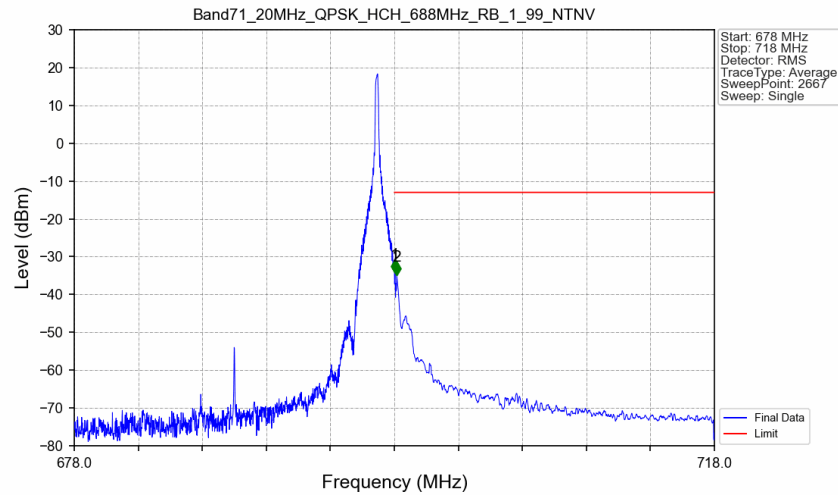
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0 NTN



Band71 20MHz QPSK HCH 688MHz RB 1 0 NTN

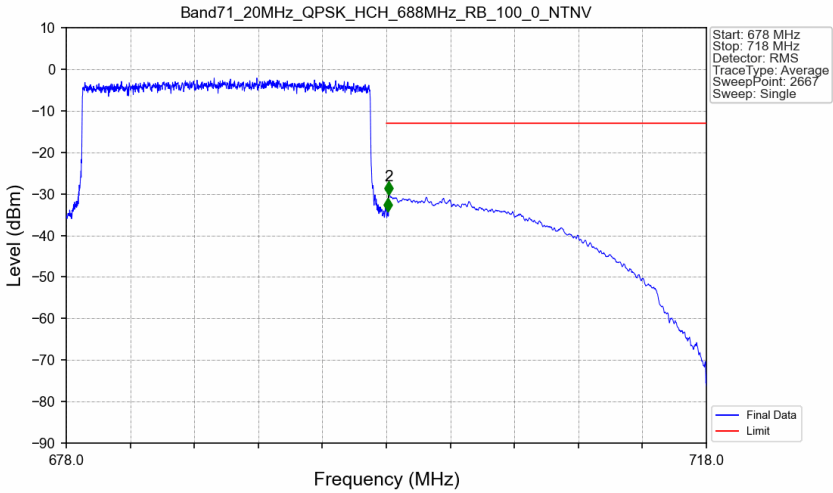


Band71 20MHz QPSK HCH 688MHz RB 1 99 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.045	-34.35	-13	Pass
698.1	718	0.1	CHP	2	698.150	-34.85	-13	Pass

Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
698	698.1	0.03	/	1	698.090	-34.25	-13	Pass
698.1	718	0.1	CHP	2	698.150	-30.14	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 71-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
1328.0	-66.48	-13	-53.48	-68.87	2.4	4.79	Horizontal	Pass
1992.0	-65.89	-13	-52.89	-67.81	2.72	4.64	Horizontal	Pass
2656.0	-65.41	-13	-52.41	-68.47	3.1	6.16	Horizontal	Pass
1328.0	-66.83	-13	-53.83	-69.22	2.4	4.79	Vertical	Pass
1992.0	-60.23	-13	-47.23	-62.15	2.72	4.64	Vertical	Pass
2656.0	-65.56	-13	-52.56	-68.62	3.1	6.16	Vertical	Pass

LTE Band 71-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
1348.0	-69.52	-13	-56.52	-72.02	2.42	4.92	Horizontal	Pass
2022.0	-67.78	-13	-54.78	-69.71	2.74	4.67	Horizontal	Pass
2696.0	-68.04	-13	-55.04	-71.18	3.11	6.25	Horizontal	Pass
1348.0	-69.93	-13	-56.93	-72.43	2.42	4.92	Vertical	Pass
2022.0	-68.02	-13	-55.02	-69.95	2.74	4.67	Vertical	Pass
2696.0	-67.77	-13	-54.77	-70.91	3.11	6.25	Vertical	Pass

LTE Band 71-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
1358.0	-65.15	-13	-52.15	-67.7	2.43	4.98	Horizontal	Pass
2037.0	-66.45	-13	-53.45	-68.41	2.75	4.71	Horizontal	Pass
2716.0	-65.68	-13	-52.68	-68.87	3.11	6.3	Horizontal	Pass
1358.0	-66.94	-13	-53.94	-69.49	2.43	4.98	Vertical	Pass
2037.0	-66.77	-13	-53.77	-68.73	2.75	4.71	Vertical	Pass
2716.0	-66.42	-13	-53.42	-69.61	3.11	6.3	Vertical	Pass