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	23.22	-12.20	8.87	<=34.77	Pass
			13	23.20	-12.20	8.85	<=34.77	Pass
			24	23.18	-12.20	8.83	<=34.77	Pass
		12	0	22.25	-12.20	7.90	<=34.77	Pass
			6	22.25	-12.20	7.90	<=34.77	Pass
			13	22.21	-12.20	7.86	<=34.77	Pass
		25	0	22.24	-12.20	7.89	<=34.77	Pass
	680.5	1	0	23.18	-12.20	8.83	<=34.77	Pass
			13	23.24	-12.20	8.89	<=34.77	Pass
			24	23.10	-12.20	8.75	<=34.77	Pass
		12	0	22.21	-12.20	7.86	<=34.77	Pass
			6	22.20	-12.20	7.85	<=34.77	Pass
			13	22.21	-12.20	7.86	<=34.77	Pass
		25	0	22.20	-12.20	7.85	<=34.77	Pass
	695.5	1	0	23.02	-12.20	8.67	<=34.77	Pass
			13	22.92	-12.20	8.57	<=34.77	Pass
			24	23.03	-12.20	8.68	<=34.77	Pass
		12	0	22.10	-12.20	7.75	<=34.77	Pass
			6	22.10	-12.20	7.75	<=34.77	Pass
			13	22.09	-12.20	7.74	<=34.77	Pass
		25	0	22.13	-12.20	7.78	<=34.77	Pass
16QAM	665.5	1	0	22.18	-12.20	7.83	<=34.77	Pass
			13	22.26	-12.20	7.91	<=34.77	Pass
			24	22.11	-12.20	7.76	<=34.77	Pass
		12	0	21.21	-12.20	6.86	<=34.77	Pass
			6	21.22	-12.20	6.87	<=34.77	Pass
			13	21.20	-12.20	6.85	<=34.77	Pass
		25	0	21.28	-12.20	6.93	<=34.77	Pass
	680.5	1	0	22.08	-12.20	7.73	<=34.77	Pass
			13	22.17	-12.20	7.82	<=34.77	Pass
			24	22.15	-12.20	7.80	<=34.77	Pass
		12	0	21.21	-12.20	6.86	<=34.77	Pass
			6	21.17	-12.20	6.82	<=34.77	Pass
			13	21.21	-12.20	6.86	<=34.77	Pass
		25	0	21.27	-12.20	6.92	<=34.77	Pass
	695.5	1	0	21.99	-12.20	7.64	<=34.77	Pass
			13	22.05	-12.20	7.70	<=34.77	Pass
			24	21.95	-12.20	7.60	<=34.77	Pass
		12	0	21.07	-12.20	6.72	<=34.77	Pass
			6	21.13	-12.20	6.78	<=34.77	Pass
			13	21.09	-12.20	6.74	<=34.77	Pass
		25	0	21.16	-12.20	6.81	<=34.77	Pass
64QAM	665.5	1	0	20.91	-12.20	6.56	<=34.77	Pass
			13	21.00	-12.20	6.65	<=34.77	Pass
			24	21.05	-12.20	6.70	<=34.77	Pass
		12	0	20.23	-12.20	5.88	<=34.77	Pass
			6	20.25	-12.20	5.90	<=34.77	Pass
			13	20.24	-12.20	5.89	<=34.77	Pass
		25	0	20.26	-12.20	5.91	<=34.77	Pass

	680.5	1	0	21.23	-12.20	6.88	<=34.77	Pass
			13	21.19	-12.20	6.84	<=34.77	Pass
			24	20.73	-12.20	6.38	<=34.77	Pass
		12	0	20.24	-12.20	5.89	<=34.77	Pass
			6	20.22	-12.20	5.87	<=34.77	Pass
			13	20.20	-12.20	5.85	<=34.77	Pass
		25	0	20.26	-12.20	5.91	<=34.77	Pass
	695.5	1	0	21.07	-12.20	6.72	<=34.77	Pass
			13	21.01	-12.20	6.66	<=34.77	Pass
			24	20.90	-12.20	6.55	<=34.77	Pass
		12	0	20.17	-12.20	5.82	<=34.77	Pass
			6	20.16	-12.20	5.81	<=34.77	Pass
			13	20.19	-12.20	5.84	<=34.77	Pass
		25	0	20.17	-12.20	5.82	<=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	23.25	-12.20	8.90	<=34.77	Pass
			25	23.18	-12.20	8.83	<=34.77	Pass
			49	23.17	-12.20	8.82	<=34.77	Pass
		25	0	22.24	-12.20	7.89	<=34.77	Pass
			13	22.24	-12.20	7.89	<=34.77	Pass
			25	22.19	-12.20	7.84	<=34.77	Pass
		50	0	22.19	-12.20	7.84	<=34.77	Pass
	680.5	1	0	23.00	-12.20	8.65	<=34.77	Pass
			25	23.16	-12.20	8.81	<=34.77	Pass
			49	23.03	-12.20	8.68	<=34.77	Pass
		25	0	22.18	-12.20	7.83	<=34.77	Pass
			13	22.19	-12.20	7.84	<=34.77	Pass
			25	22.11	-12.20	7.76	<=34.77	Pass
		50	0	22.17	-12.20	7.82	<=34.77	Pass
	693	1	0	23.25	-12.20	8.90	<=34.77	Pass
			25	23.04	-12.20	8.69	<=34.77	Pass
			49	23.01	-12.20	8.66	<=34.77	Pass
		25	0	22.13	-12.20	7.78	<=34.77	Pass
			13	22.06	-12.20	7.71	<=34.77	Pass
			25	22.06	-12.20	7.71	<=34.77	Pass
		50	0	22.08	-12.20	7.73	<=34.77	Pass
16QAM	668	1	0	22.23	-12.20	7.88	<=34.77	Pass
			25	22.01	-12.20	7.66	<=34.77	Pass
			49	22.38	-12.20	8.03	<=34.77	Pass
		25	0	21.23	-12.20	6.88	<=34.77	Pass
			13	21.20	-12.20	6.85	<=34.77	Pass
			25	21.16	-12.20	6.81	<=34.77	Pass
		50	0	21.17	-12.20	6.82	<=34.77	Pass
	680.5	1	0	22.33	-12.20	7.98	<=34.77	Pass
			25	22.47	-12.20	8.12	<=34.77	Pass
			49	22.20	-12.20	7.85	<=34.77	Pass
		25	0	21.14	-12.20	6.79	<=34.77	Pass
			13	21.14	-12.20	6.79	<=34.77	Pass
			25	21.17	-12.20	6.82	<=34.77	Pass
		50	0	21.13	-12.20	6.78	<=34.77	Pass
	693	1	0	22.34	-12.20	7.99	<=34.77	Pass

			25	22.23	-12.20	7.88	<=34.77	Pass
			49	22.11	-12.20	7.76	<=34.77	Pass
		25	0	21.13	-12.20	6.78	<=34.77	Pass
			13	21.14	-12.20	6.79	<=34.77	Pass
			25	21.08	-12.20	6.73	<=34.77	Pass
		50	0	21.15	-12.20	6.80	<=34.77	Pass
64QAM	668	1	0	20.95	-12.20	6.60	<=34.77	Pass
			25	21.33	-12.20	6.98	<=34.77	Pass
			49	21.22	-12.20	6.87	<=34.77	Pass
		25	0	20.13	-12.20	5.78	<=34.77	Pass
			13	20.16	-12.20	5.81	<=34.77	Pass
			25	20.11	-12.20	5.76	<=34.77	Pass
		50	0	20.12	-12.20	5.77	<=34.77	Pass
	680.5	1	0	21.13	-12.20	6.78	<=34.77	Pass
			25	21.31	-12.20	6.96	<=34.77	Pass
			49	21.28	-12.20	6.93	<=34.77	Pass
		25	0	20.13	-12.20	5.78	<=34.77	Pass
			13	20.20	-12.20	5.85	<=34.77	Pass
			25	20.08	-12.20	5.73	<=34.77	Pass
		50	0	20.15	-12.20	5.80	<=34.77	Pass
	693	1	0	21.24	-12.20	6.89	<=34.77	Pass
			25	21.20	-12.20	6.85	<=34.77	Pass
			49	21.18	-12.20	6.83	<=34.77	Pass
		25	0	20.15	-12.20	5.80	<=34.77	Pass
			13	20.13	-12.20	5.78	<=34.77	Pass
			25	20.09	-12.20	5.74	<=34.77	Pass
		50	0	20.13	-12.20	5.78	<=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	23.14	-12.20	8.79	<=34.77	Pass
			38	23.19	-12.20	8.84	<=34.77	Pass
			74	23.09	-12.20	8.74	<=34.77	Pass
		36	0	22.18	-12.20	7.83	<=34.77	Pass
			18	22.17	-12.20	7.82	<=34.77	Pass
			39	22.10	-12.20	7.75	<=34.77	Pass
		75	0	22.15	-12.20	7.80	<=34.77	Pass
	680.5	1	0	23.25	-12.20	8.90	<=34.77	Pass
			38	23.13	-12.20	8.78	<=34.77	Pass
			74	23.00	-12.20	8.65	<=34.77	Pass
		36	0	22.15	-12.20	7.80	<=34.77	Pass
			18	22.09	-12.20	7.74	<=34.77	Pass
			39	22.10	-12.20	7.75	<=34.77	Pass
		75	0	22.13	-12.20	7.78	<=34.77	Pass
	690.5	1	0	23.12	-12.20	8.77	<=34.77	Pass
			38	22.90	-12.20	8.55	<=34.77	Pass
			74	23.01	-12.20	8.66	<=34.77	Pass
		36	0	22.06	-12.20	7.71	<=34.77	Pass
			18	22.01	-12.20	7.66	<=34.77	Pass
			39	21.98	-12.20	7.63	<=34.77	Pass
		75	0	22.01	-12.20	7.66	<=34.77	Pass
16QAM	670.5	1	0	22.17	-12.20	7.82	<=34.77	Pass
			38	22.29	-12.20	7.94	<=34.77	Pass

			74	22.12	-12.20	7.77	<=34.77	Pass
		36	0	21.10	-12.20	6.75	<=34.77	Pass
			18	21.08	-12.20	6.73	<=34.77	Pass
			39	21.00	-12.20	6.65	<=34.77	Pass
		75	0	21.14	-12.20	6.79	<=34.77	Pass
	680.5	1	0	22.40	-12.20	8.05	<=34.77	Pass
			38	22.38	-12.20	8.03	<=34.77	Pass
			74	22.08	-12.20	7.73	<=34.77	Pass
		36	0	21.16	-12.20	6.81	<=34.77	Pass
			18	21.15	-12.20	6.80	<=34.77	Pass
			39	21.09	-12.20	6.74	<=34.77	Pass
		75	0	21.13	-12.20	6.78	<=34.77	Pass
	690.5	1	0	22.47	-12.20	8.12	<=34.77	Pass
			38	22.14	-12.20	7.79	<=34.77	Pass
			74	22.15	-12.20	7.80	<=34.77	Pass
		36	0	21.05	-12.20	6.70	<=34.77	Pass
			18	21.05	-12.20	6.70	<=34.77	Pass
			39	20.96	-12.20	6.61	<=34.77	Pass
		75	0	21.04	-12.20	6.69	<=34.77	Pass
64QAM	670.5	1	0	21.15	-12.20	6.80	<=34.77	Pass
			38	20.97	-12.20	6.62	<=34.77	Pass
			74	20.99	-12.20	6.64	<=34.77	Pass
		36	0	20.18	-12.20	5.83	<=34.77	Pass
			18	20.19	-12.20	5.84	<=34.77	Pass
			39	20.15	-12.20	5.80	<=34.77	Pass
		75	0	20.20	-12.20	5.85	<=34.77	Pass
	680.5	1	0	21.31	-12.20	6.96	<=34.77	Pass
			38	21.20	-12.20	6.85	<=34.77	Pass
			74	21.05	-12.20	6.70	<=34.77	Pass
		36	0	20.16	-12.20	5.81	<=34.77	Pass
			18	20.18	-12.20	5.83	<=34.77	Pass
			39	20.14	-12.20	5.79	<=34.77	Pass
		75	0	20.16	-12.20	5.81	<=34.77	Pass
	690.5	1	0	21.30	-12.20	6.95	<=34.77	Pass
			38	21.10	-12.20	6.75	<=34.77	Pass
			74	21.10	-12.20	6.75	<=34.77	Pass
		36	0	20.15	-12.20	5.80	<=34.77	Pass
			18	20.03	-12.20	5.68	<=34.77	Pass
			39	20.01	-12.20	5.66	<=34.77	Pass
		75	0	20.07	-12.20	5.72	<=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	23.13	-12.20	8.78	<=34.77	Pass
			50	23.16	-12.20	8.81	<=34.77	Pass
			99	23.05	-12.20	8.70	<=34.77	Pass
		50	0	22.28	-12.20	7.93	<=34.77	Pass
			25	22.16	-12.20	7.81	<=34.77	Pass
			50	22.19	-12.20	7.84	<=34.77	Pass
		100	0	22.18	-12.20	7.83	<=34.77	Pass
	683	1	0	23.26	-12.20	8.91	<=34.77	Pass
			50	23.11	-12.20	8.76	<=34.77	Pass
			99	22.92	-12.20	8.57	<=34.77	Pass

		50	0	22.15	-12.20	7.80	<=34.77	Pass
			25	22.13	-12.20	7.78	<=34.77	Pass
			50	22.05	-12.20	7.70	<=34.77	Pass
		100	0	22.09	-12.20	7.74	<=34.77	Pass
	688	1	0	23.26	-12.20	8.91	<=34.77	Pass
			50	23.03	-12.20	8.68	<=34.77	Pass
			99	22.93	-12.20	8.58	<=34.77	Pass
		50	0	22.12	-12.20	7.77	<=34.77	Pass
			25	22.10	-12.20	7.75	<=34.77	Pass
			50	22.05	-12.20	7.70	<=34.77	Pass
		100	0	22.08	-12.20	7.73	<=34.77	Pass
16QAM	673	1	0	21.98	-12.20	7.63	<=34.77	Pass
			50	22.30	-12.20	7.95	<=34.77	Pass
			99	22.24	-12.20	7.89	<=34.77	Pass
		50	0	21.26	-12.20	6.91	<=34.77	Pass
			25	21.21	-12.20	6.86	<=34.77	Pass
			50	21.16	-12.20	6.81	<=34.77	Pass
		100	0	21.14	-12.20	6.79	<=34.77	Pass
	683	1	0	22.53	-12.20	8.18	<=34.77	Pass
			50	22.22	-12.20	7.87	<=34.77	Pass
			99	22.11	-12.20	7.76	<=34.77	Pass
		50	0	21.12	-12.20	6.77	<=34.77	Pass
			25	21.07	-12.20	6.72	<=34.77	Pass
			50	21.04	-12.20	6.69	<=34.77	Pass
		100	0	21.04	-12.20	6.69	<=34.77	Pass
	688	1	0	22.40	-12.20	8.05	<=34.77	Pass
			50	21.68	-12.20	7.33	<=34.77	Pass
			99	22.04	-12.20	7.69	<=34.77	Pass
		50	0	21.12	-12.20	6.77	<=34.77	Pass
			25	21.09	-12.20	6.74	<=34.77	Pass
			50	21.06	-12.20	6.71	<=34.77	Pass
		100	0	21.08	-12.20	6.73	<=34.77	Pass
64QAM	673	1	0	21.22	-12.20	6.87	<=34.77	Pass
			50	21.05	-12.20	6.70	<=34.77	Pass
			99	21.15	-12.20	6.80	<=34.77	Pass
		50	0	20.23	-12.20	5.88	<=34.77	Pass
			25	20.19	-12.20	5.84	<=34.77	Pass
			50	20.16	-12.20	5.81	<=34.77	Pass
		100	0	20.18	-12.20	5.83	<=34.77	Pass
	683	1	0	21.42	-12.20	7.07	<=34.77	Pass
			50	21.26	-12.20	6.91	<=34.77	Pass
			99	21.12	-12.20	6.77	<=34.77	Pass
		50	0	20.19	-12.20	5.84	<=34.77	Pass
			25	20.17	-12.20	5.82	<=34.77	Pass
			50	20.05	-12.20	5.70	<=34.77	Pass
		100	0	20.12	-12.20	5.77	<=34.77	Pass
	688	1	0	21.19	-12.20	6.84	<=34.77	Pass
			50	20.92	-12.20	6.57	<=34.77	Pass
			99	20.81	-12.20	6.46	<=34.77	Pass
		50	0	20.14	-12.20	5.79	<=34.77	Pass
			25	20.07	-12.20	5.72	<=34.77	Pass
			50	20.06	-12.20	5.71	<=34.77	Pass
		100	0	20.10	-12.20	5.75	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	680.5	50	0	20	LV	0.400	0.0006	-2.5 to 2.5	Pass
					NV	-7.500	-0.0110	-2.5 to 2.5	Pass
					HV	-8.700	-0.0128	-2.5 to 2.5	Pass
				-30	NV	-3.400	-0.0050	-2.5 to 2.5	Pass
				-20	NV	-4.000	-0.0059	-2.5 to 2.5	Pass
				-10	NV	-4.700	-0.0069	-2.5 to 2.5	Pass
				0	NV	-1.800	-0.0026	-2.5 to 2.5	Pass
				10	NV	0.700	0.0010	-2.5 to 2.5	Pass
				30	NV	-5.300	-0.0078	-2.5 to 2.5	Pass
				40	NV	-2.600	-0.0038	-2.5 to 2.5	Pass
				50	NV	-6.700	-0.0098	-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	4.537	/	Pass
	16QAM	680.5	25	0	4.535	/	Pass
10	QPSK	680.5	50	0	9.098	/	Pass
	16QAM	680.5	50	0	9.034	/	Pass
15	QPSK	680.5	75	0	13.606	/	Pass
	16QAM	680.5	75	0	13.574	/	Pass
20	QPSK	683	100	0	18.030	/	Pass
	16QAM	683	100	0	18.044	/	Pass

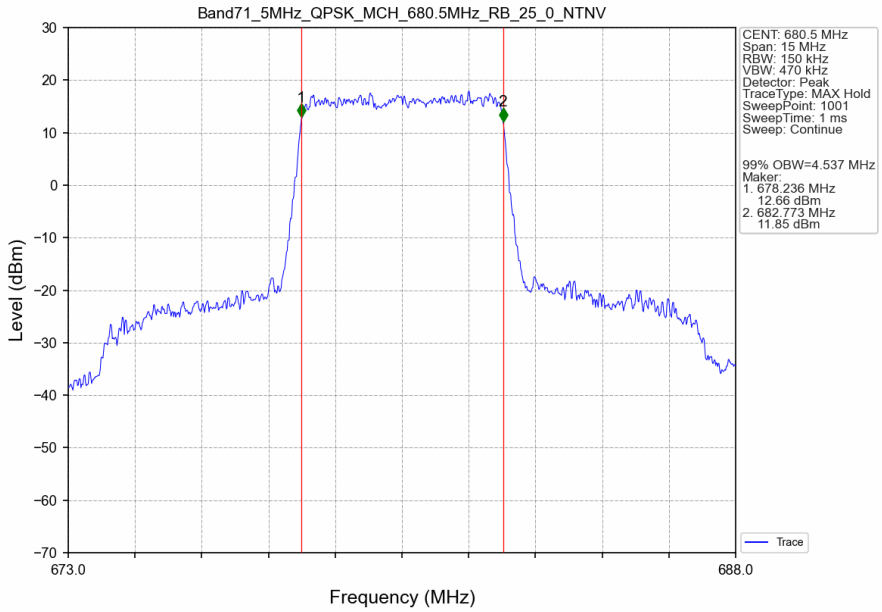
3.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.056	/	Pass
	16QAM	680.5	25	0	5.034	/	Pass
10	QPSK	680.5	50	0	9.944	/	Pass
	16QAM	680.5	50	0	9.885	/	Pass
15	QPSK	680.5	75	0	14.896	/	Pass
	16QAM	680.5	75	0	14.990	/	Pass
20	QPSK	683	100	0	19.688	/	Pass
	16QAM	683	100	0	19.640	/	Pass

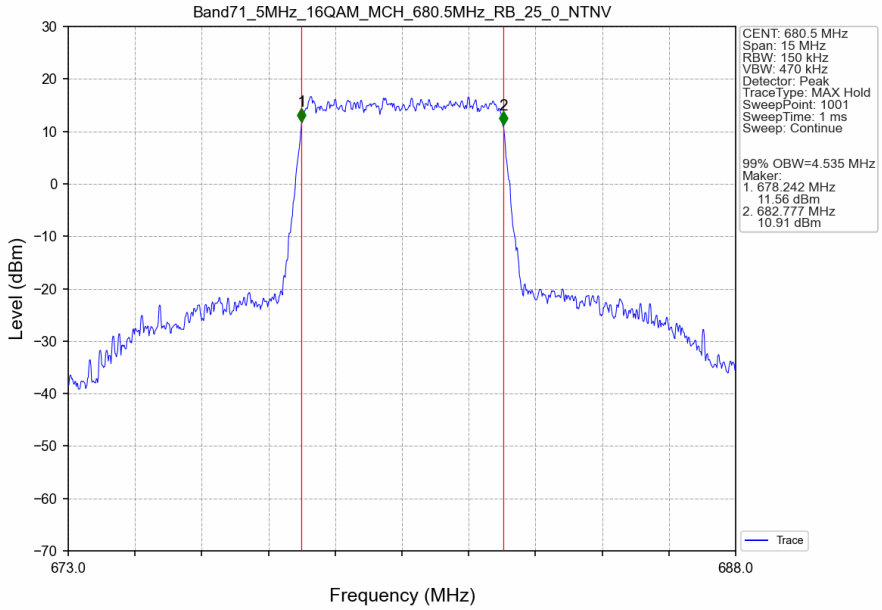
3.2 Test Graph

3.2.1 Band71_OBW

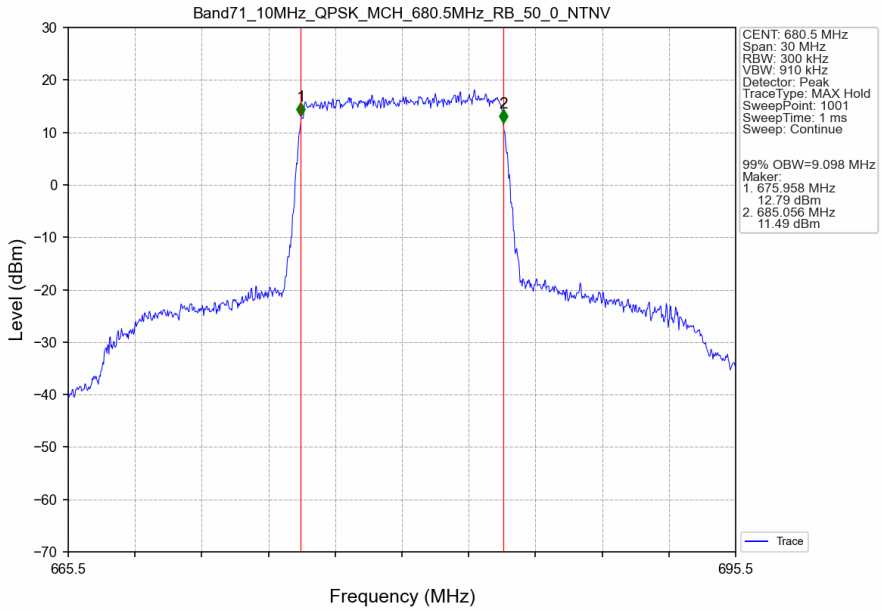
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



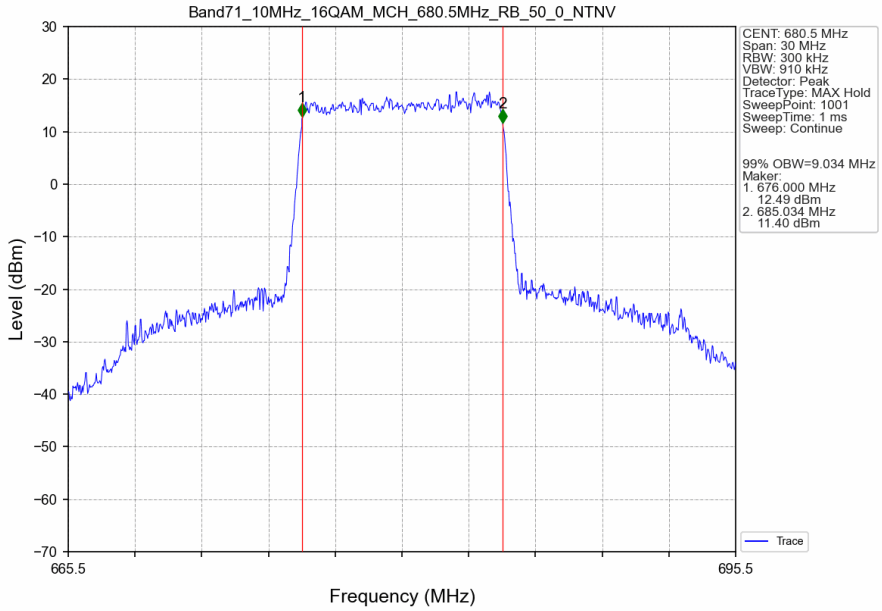
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



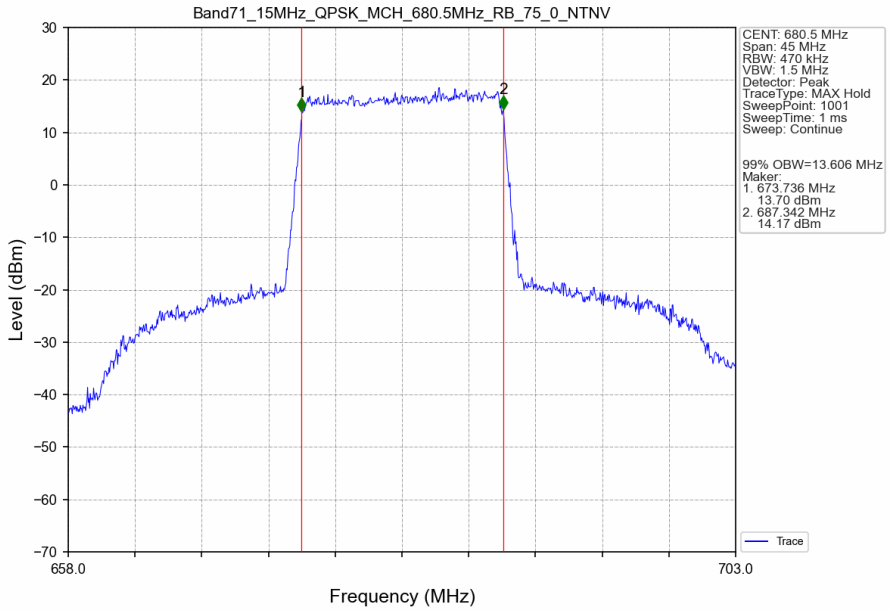
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



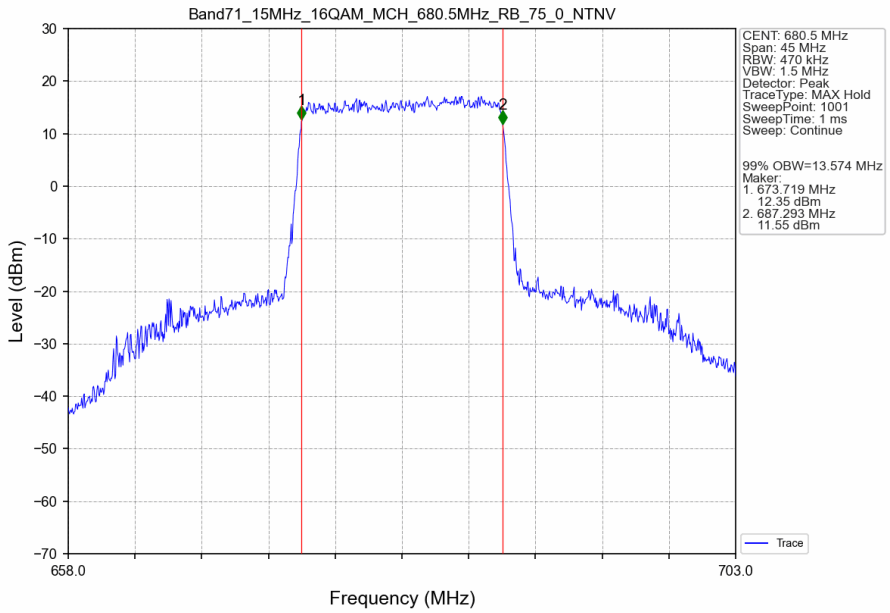
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



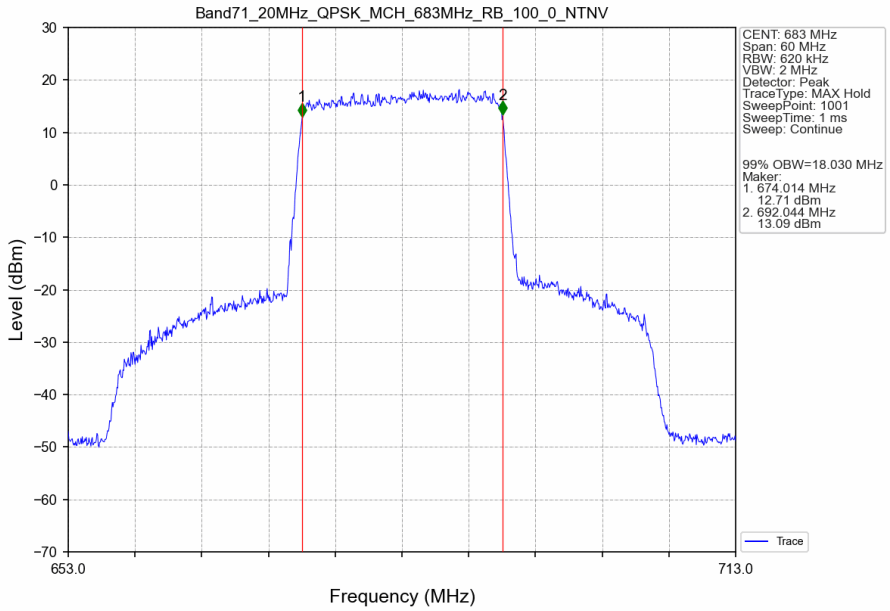
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



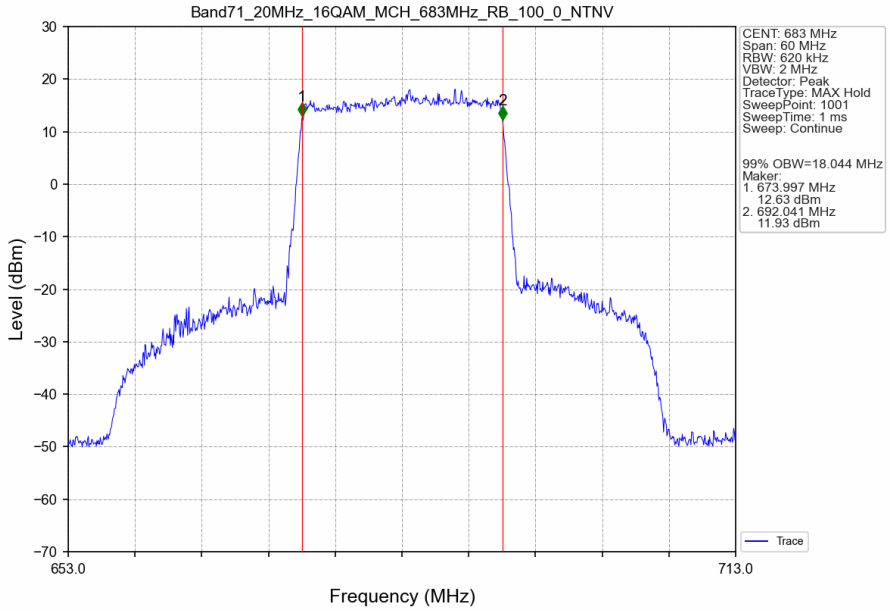
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

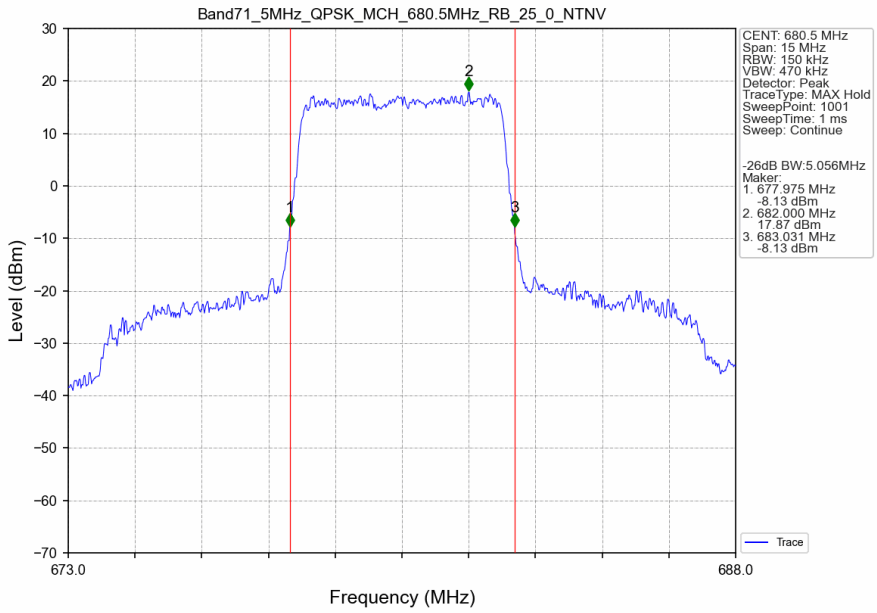


Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV

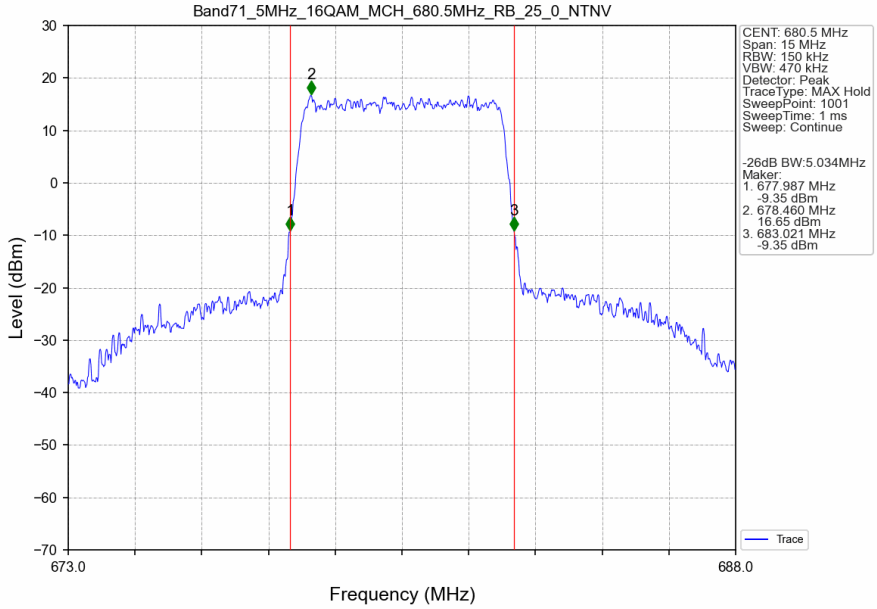


3.2.2 Band71_XDB

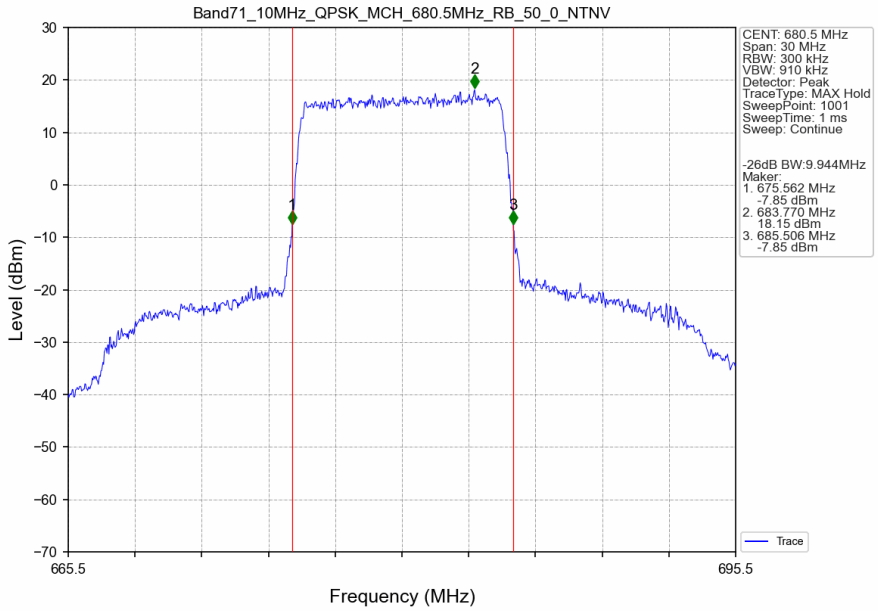
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



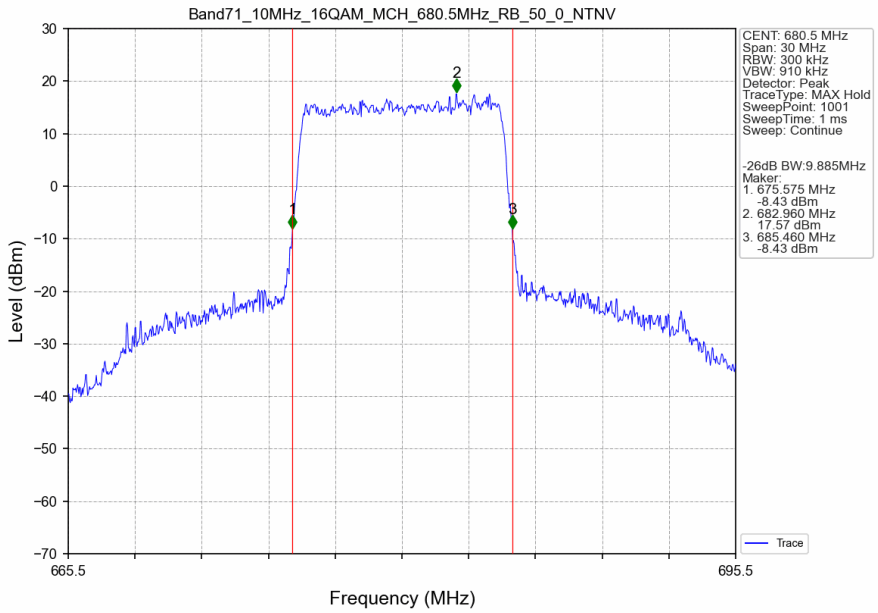
Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV



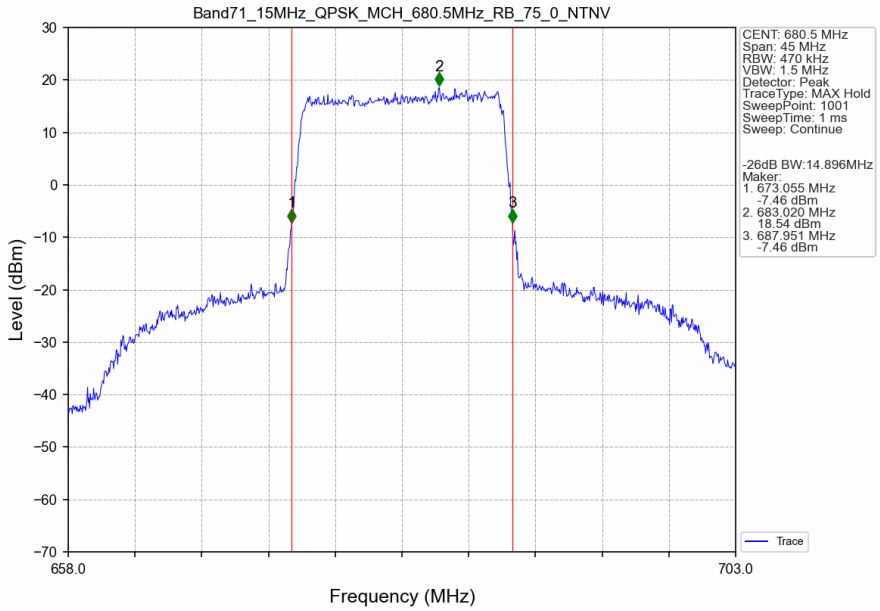
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



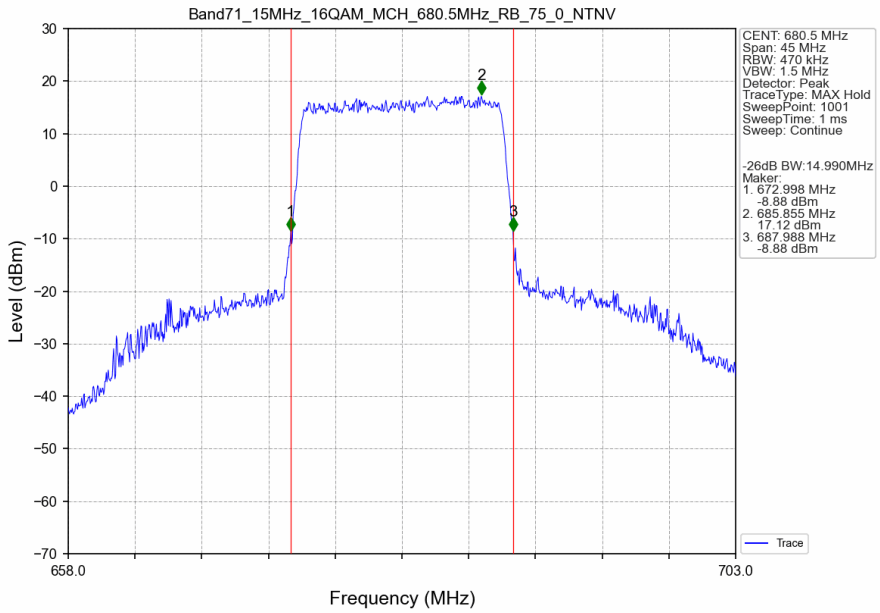
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



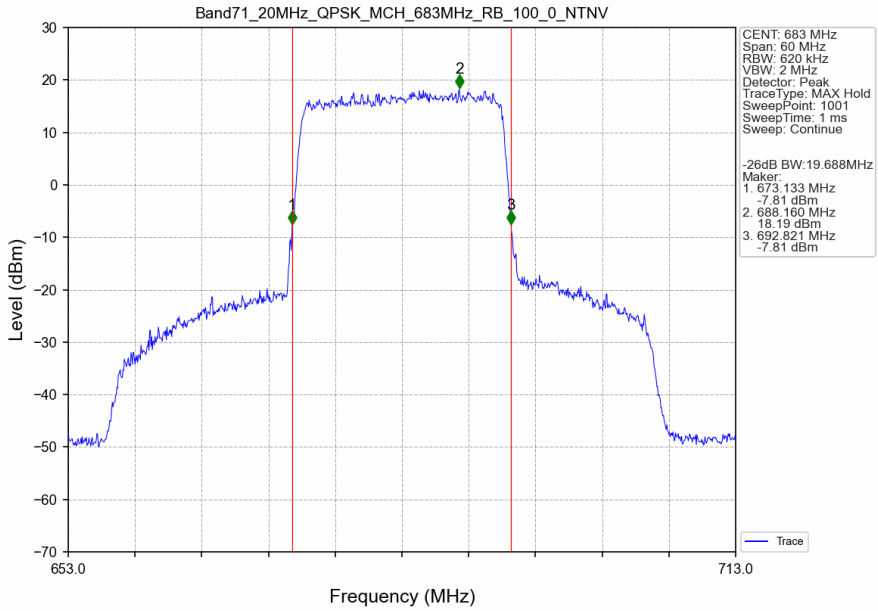
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



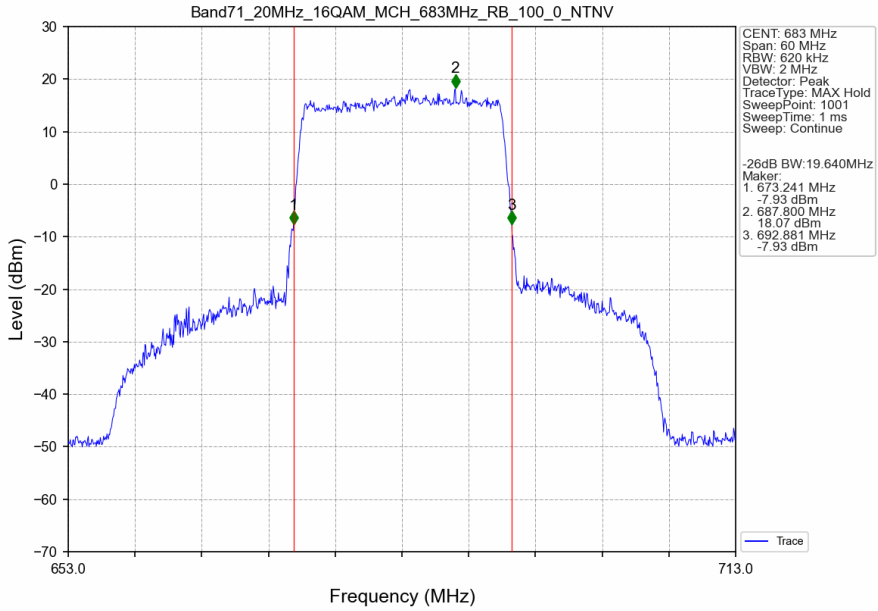
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



4. Peak-Average Ratio

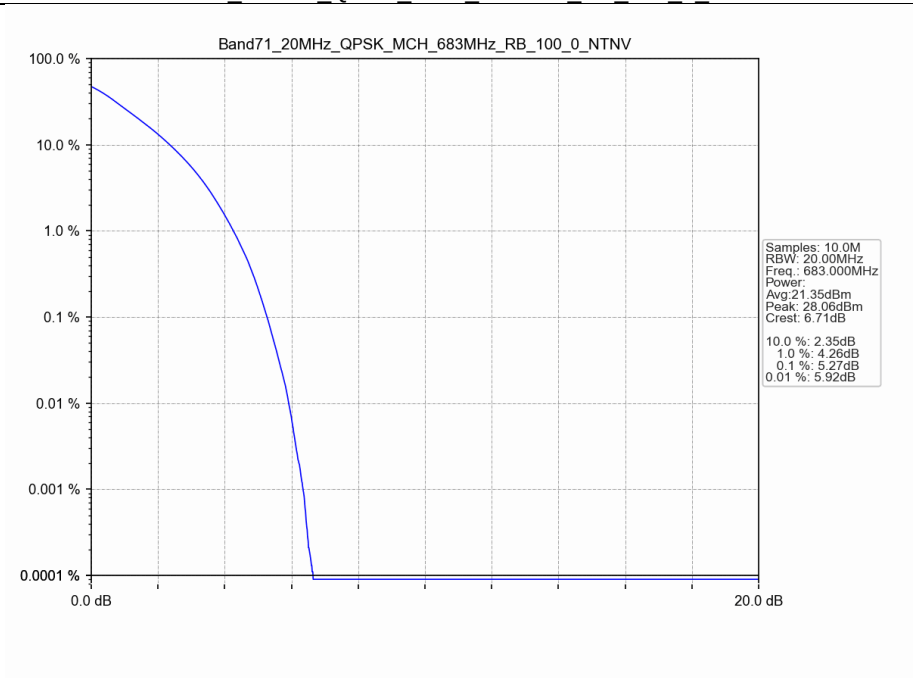
4.1 Test Result

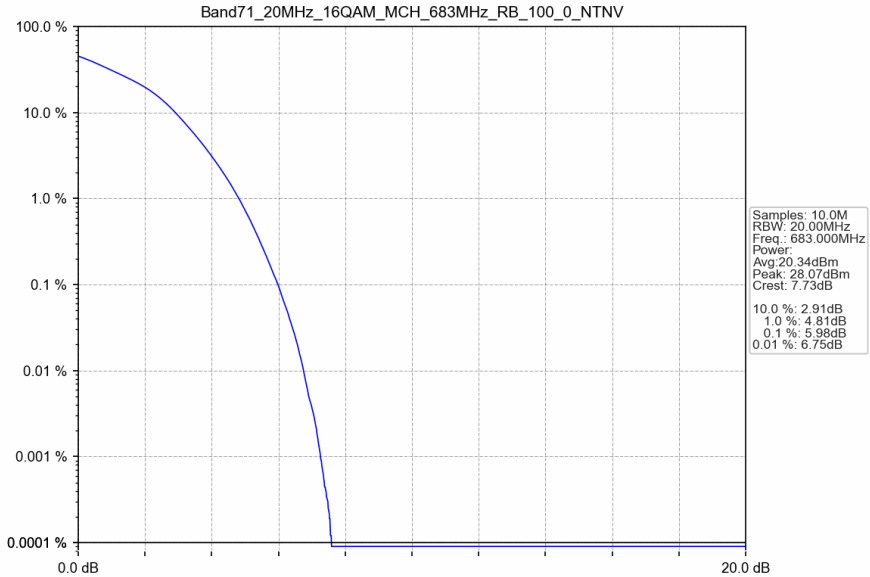
4.1.1 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	5.27	<=13	Pass
16QAM	683	100	0	5.98	<=13	Pass
64QAM	683	100	0	6.21	<=13	Pass

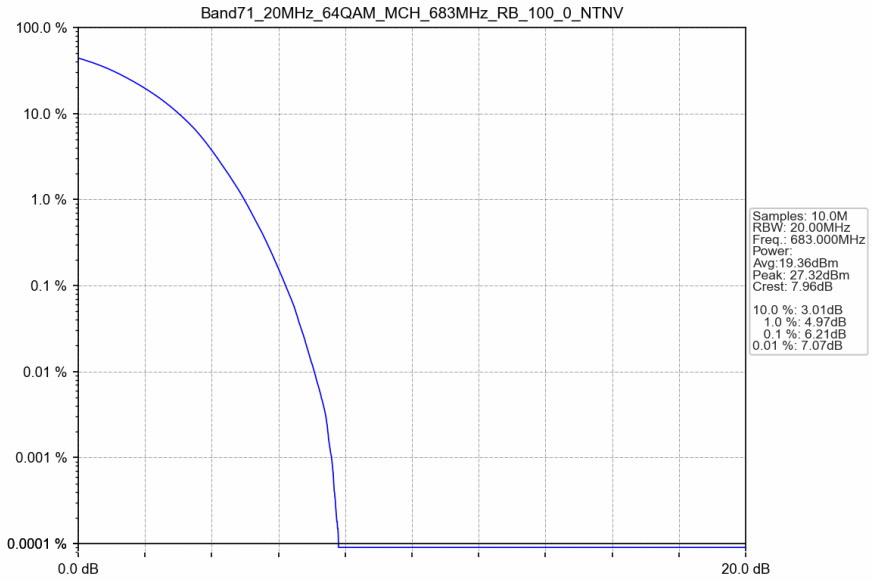
4.2 Test Graph

4.2.1 B71_20MHz

Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV


Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV


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 / NTNV						
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

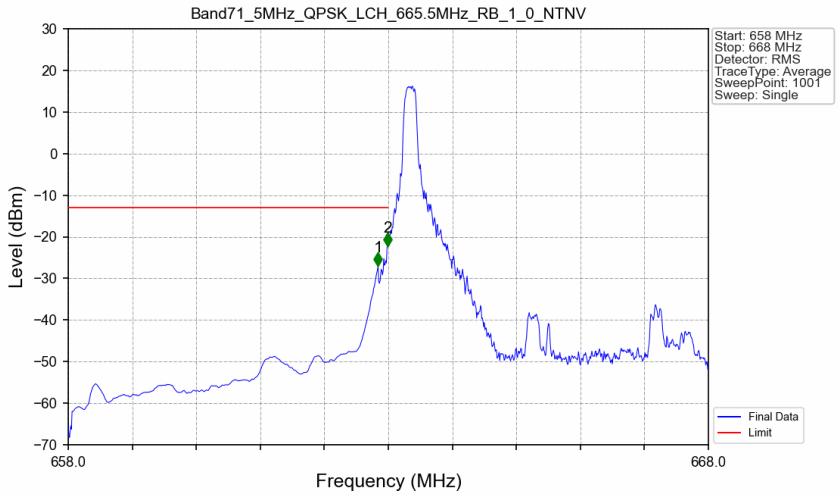
5.1.4 B71_20MHz

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

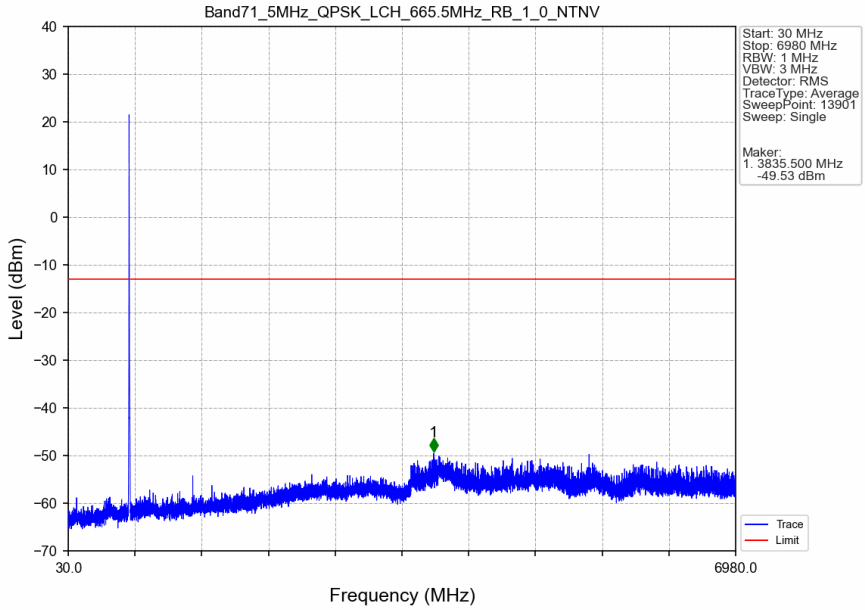
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

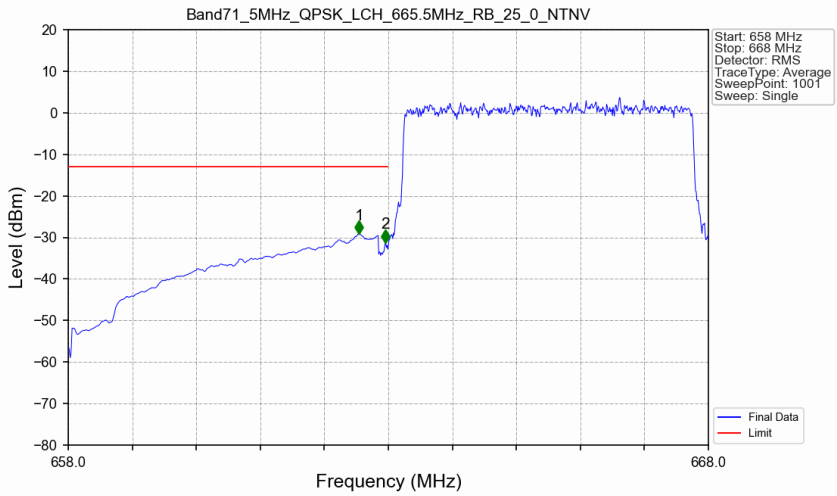


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-26.91	-13	Pass
662.9	663	0.03	/	2	662.990	-22.19	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

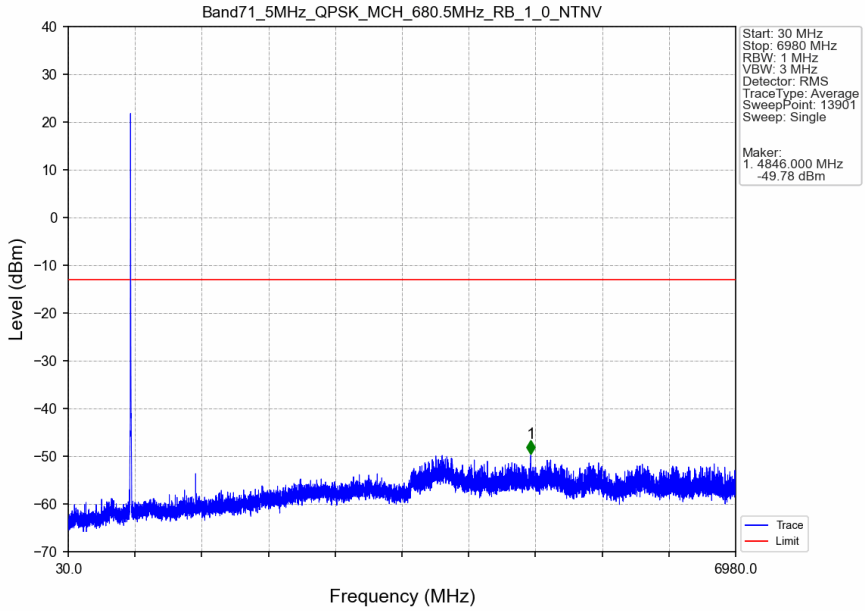


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

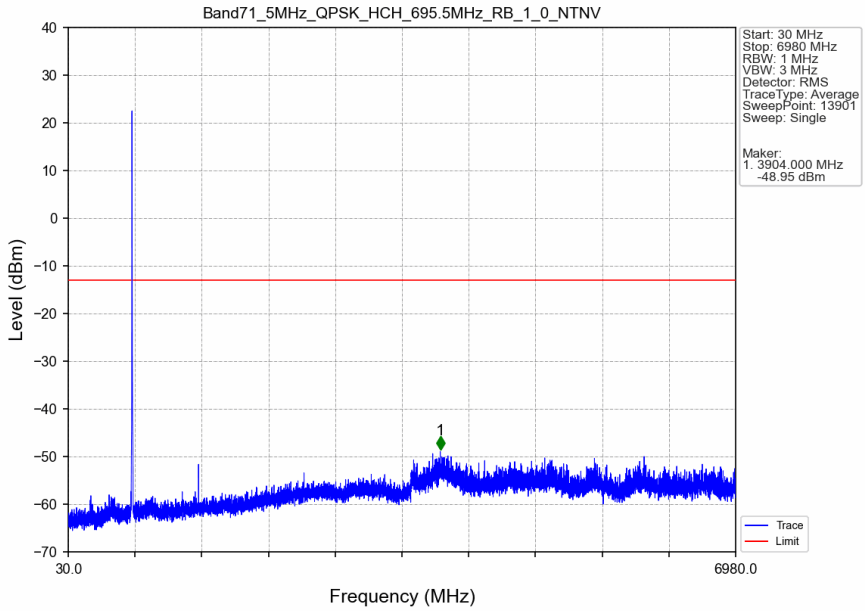


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.540	-29.12	-13	Pass
662.9	663	0.03	/	2	662.950	-31.22	-13	Pass
663	668	0.03	/	/	/	/	/	/

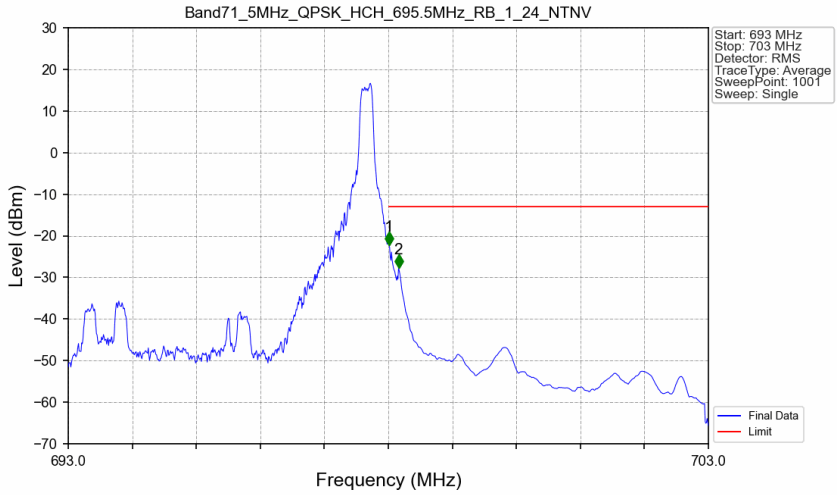
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

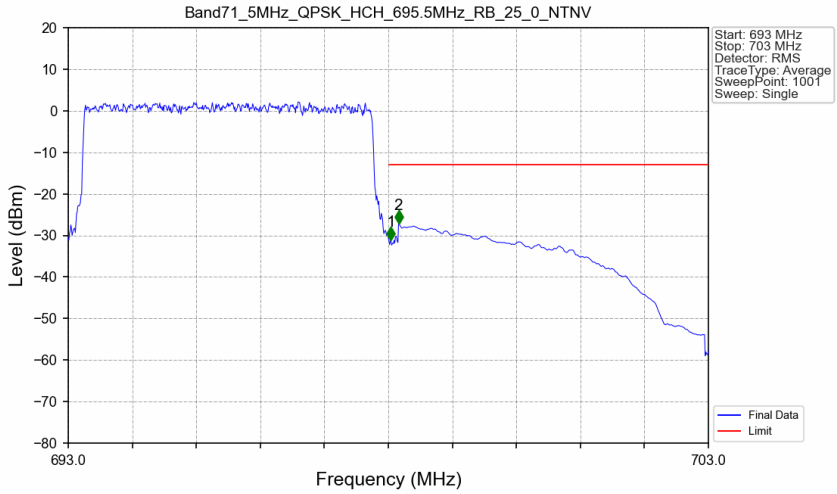


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



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	-22.17	-13	Pass
698.1	703	0.1	CHP	2	698.160	-27.64	-13	Pass

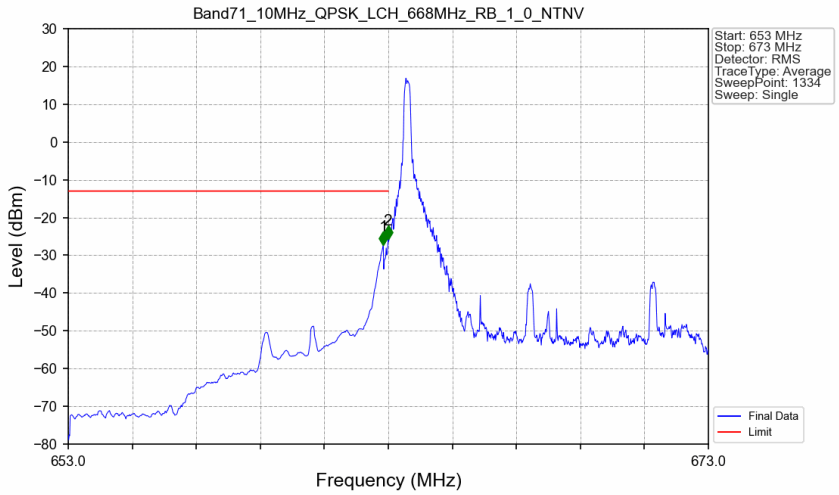
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



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	698.040	-31.10	-13	Pass
698.1	703	0.1	CHP	2	698.160	-27.12	-13	Pass

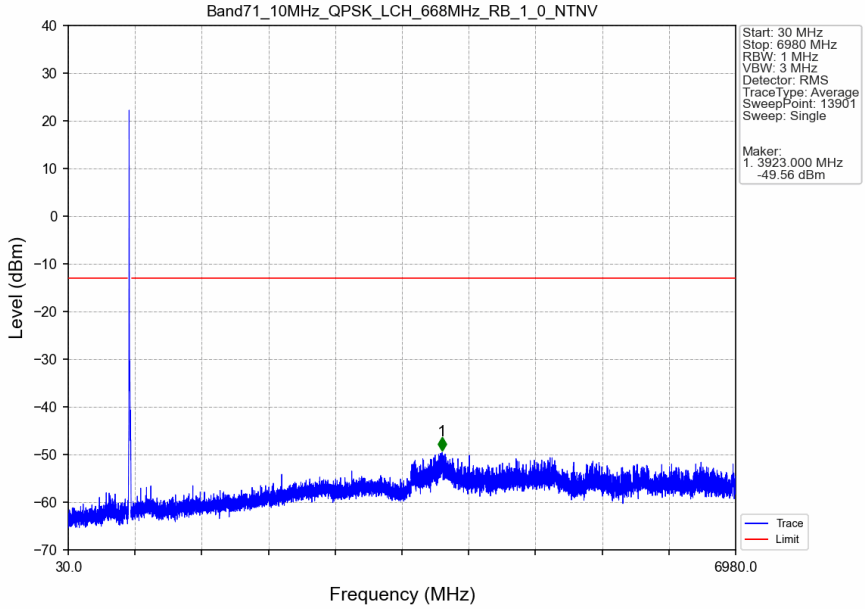
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

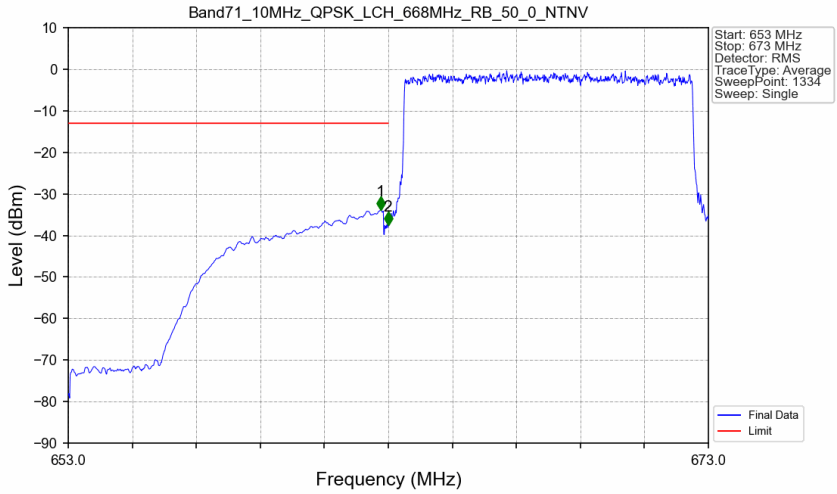


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-27.34	-13	Pass
662.9	663	0.03	/	2	662.992	-25.66	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

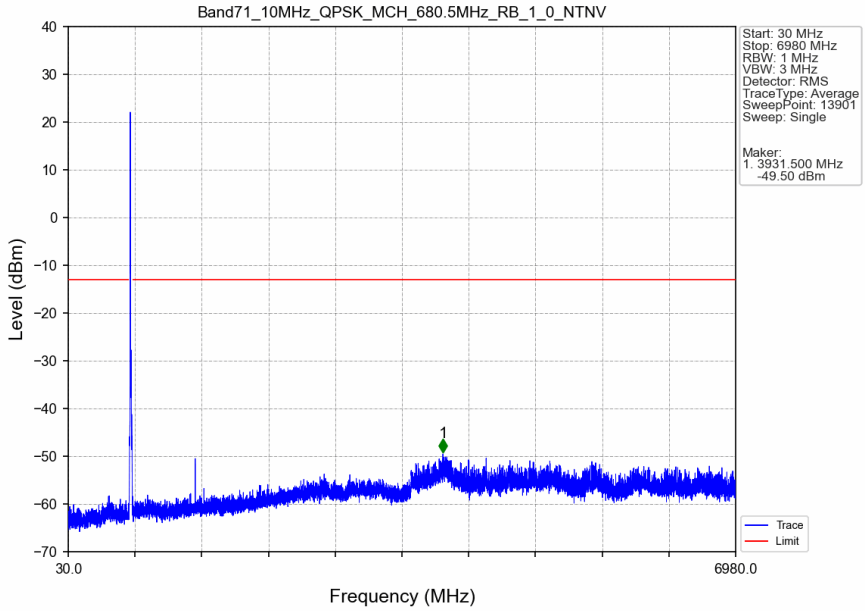


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

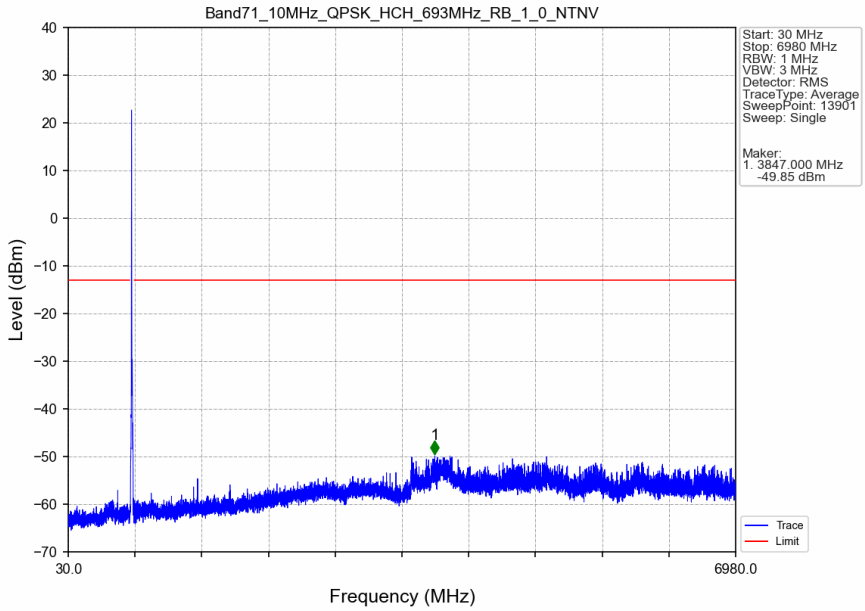


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.752	-33.90	-13	Pass
662.9	663	0.03	/	2	662.992	-37.41	-13	Pass
663	673	0.03	/	/	/	/	/	/

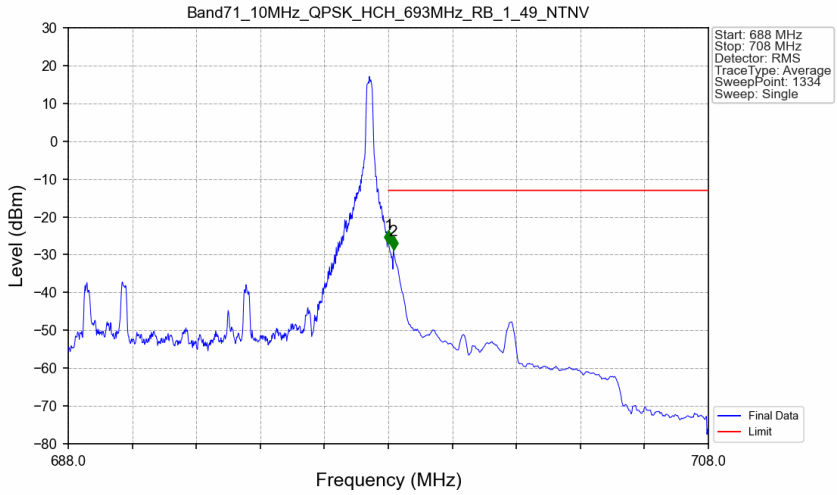
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

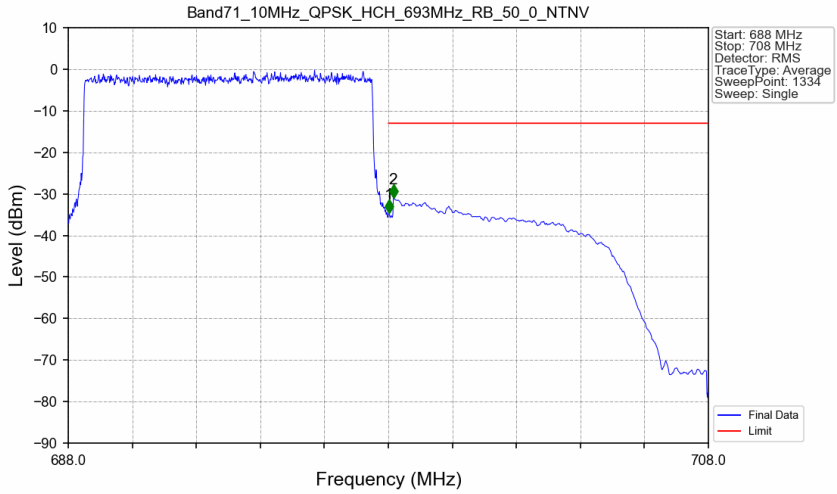


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



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	698.008	-27.07	-13	Pass
698.1	708	0.1	CHP	2	698.158	-28.71	-13	Pass

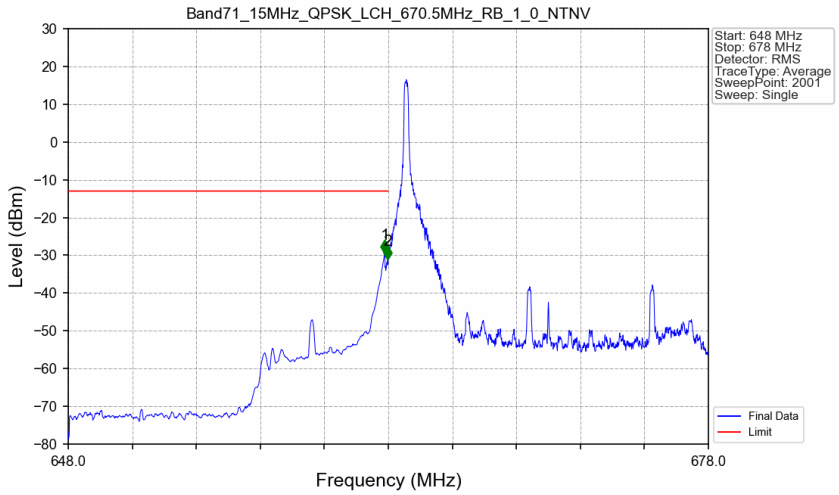
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



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	698.023	-34.61	-13	Pass
698.1	708	0.1	CHP	2	698.158	-30.85	-13	Pass

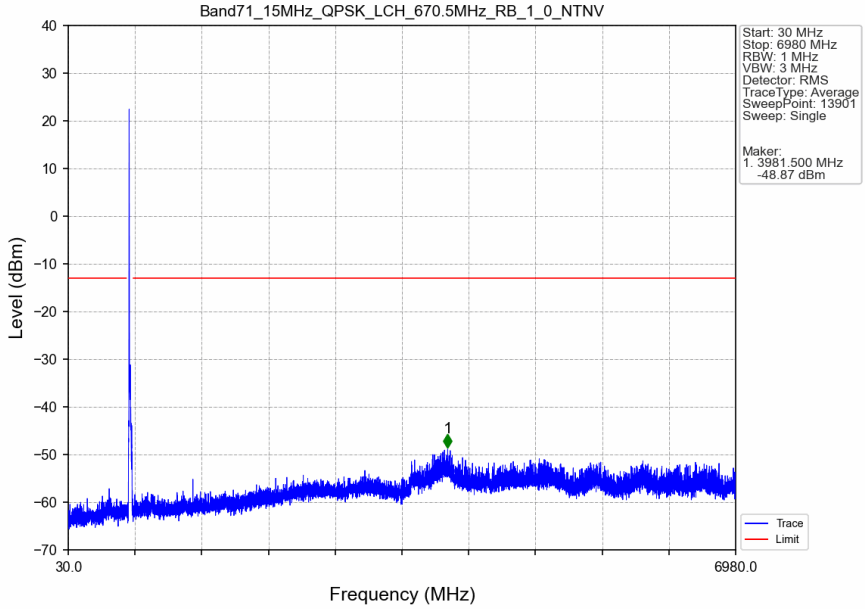
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

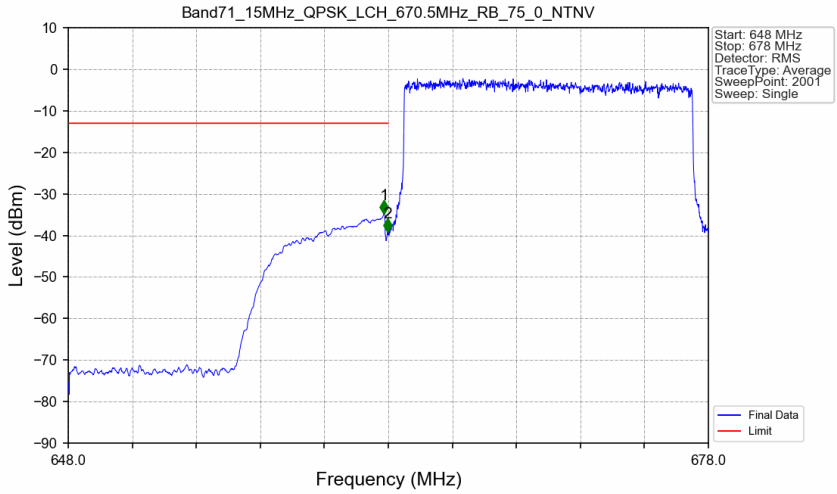


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-29.47	-13	Pass
662.9	663	0.03	/	2	662.970	-31.07	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

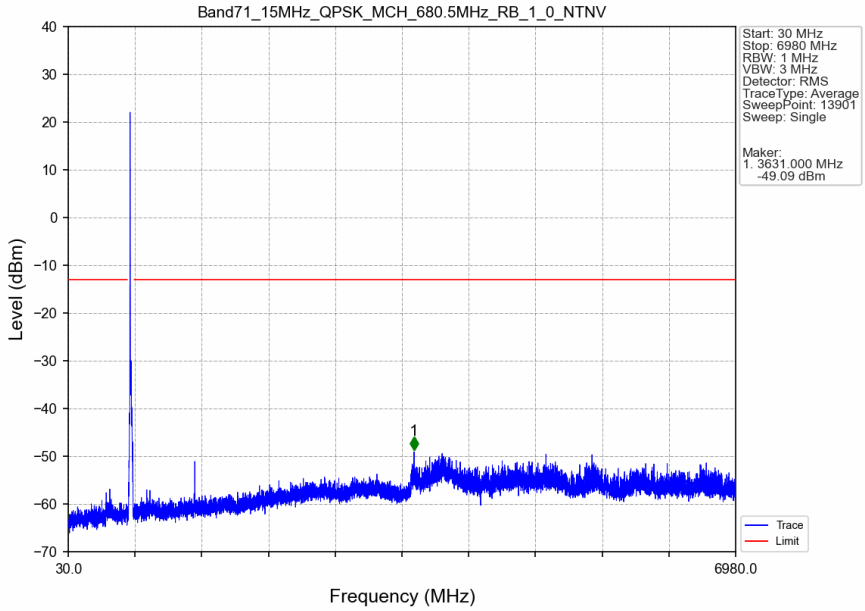


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

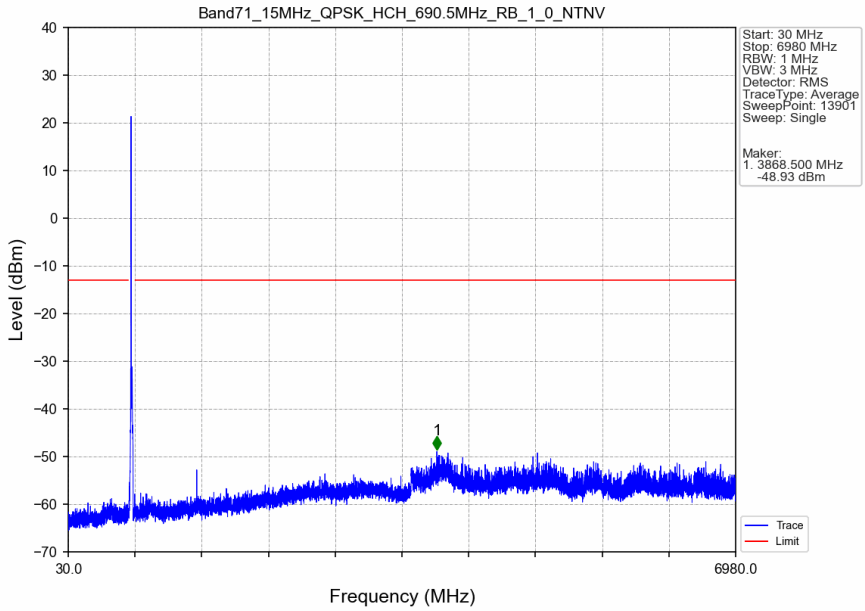


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.790	-34.79	-13	Pass
662.9	663	0.03	/	2	662.955	-39.14	-13	Pass
663	678	0.03	/	/	/	/	/	/

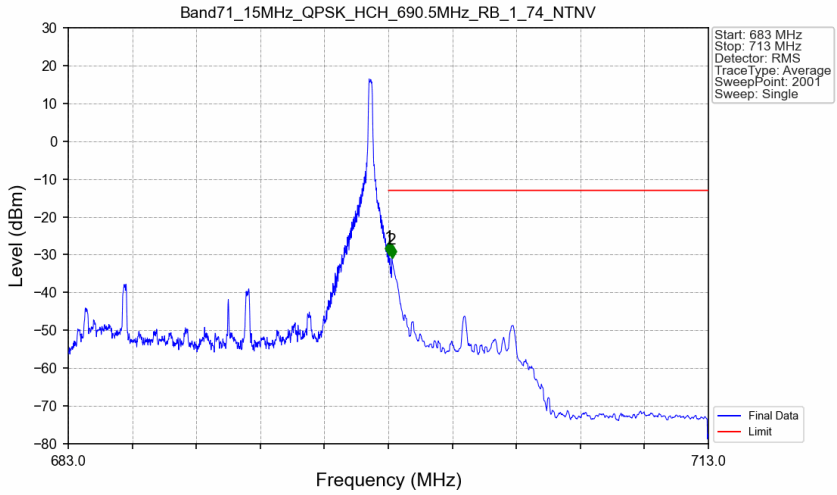
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

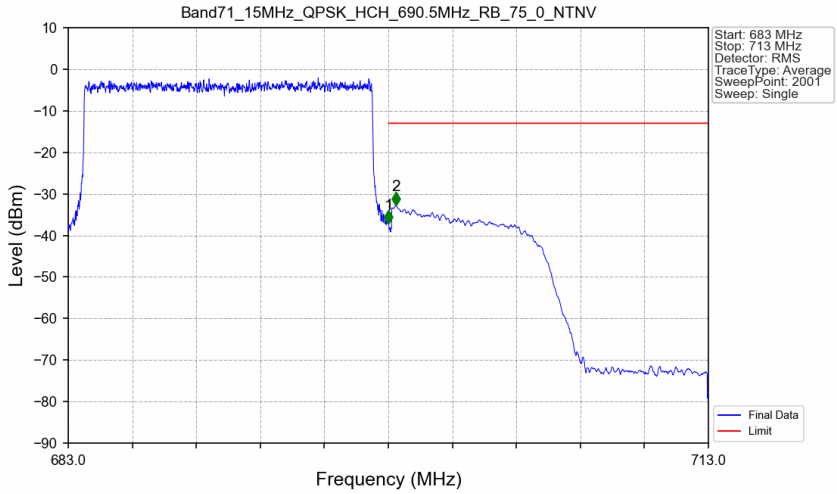


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



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	-29.96	-13	Pass
698.1	713	0.1	CHP	2	698.165	-30.89	-13	Pass

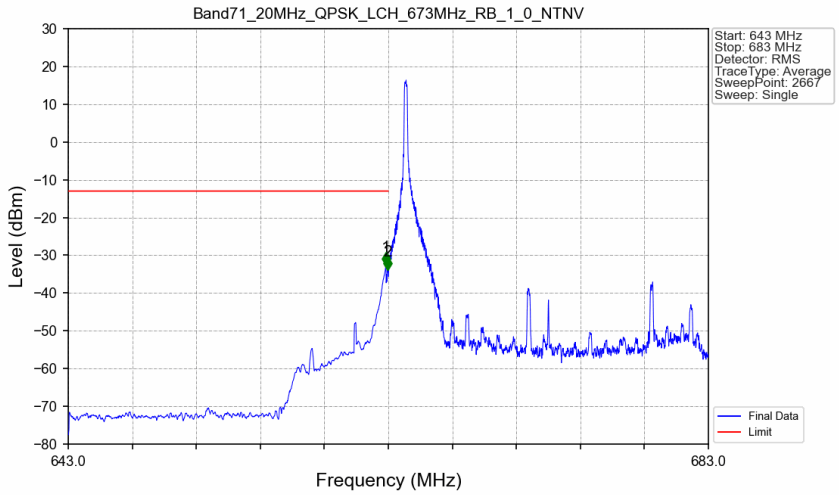
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



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	698.015	-37.08	-13	Pass
698.1	713	0.1	CHP	2	698.345	-32.66	-13	Pass

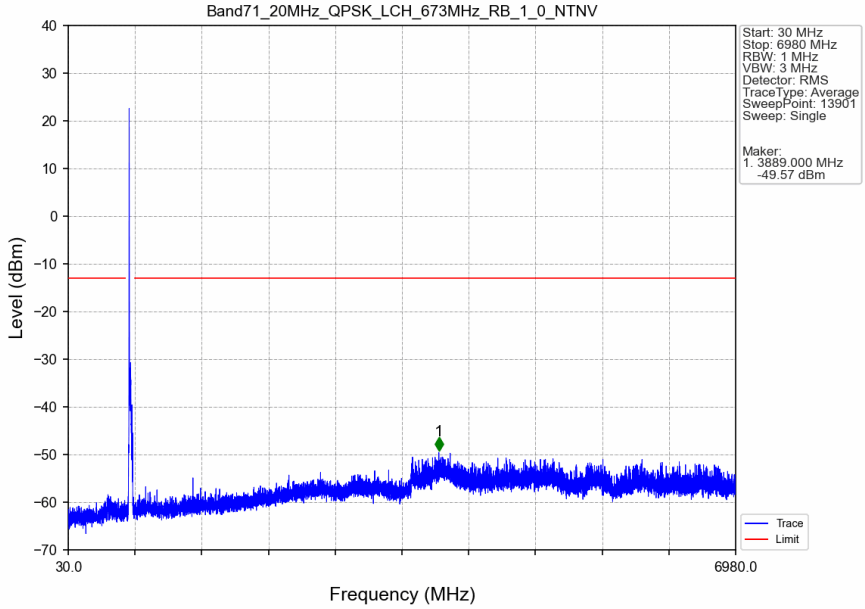
5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

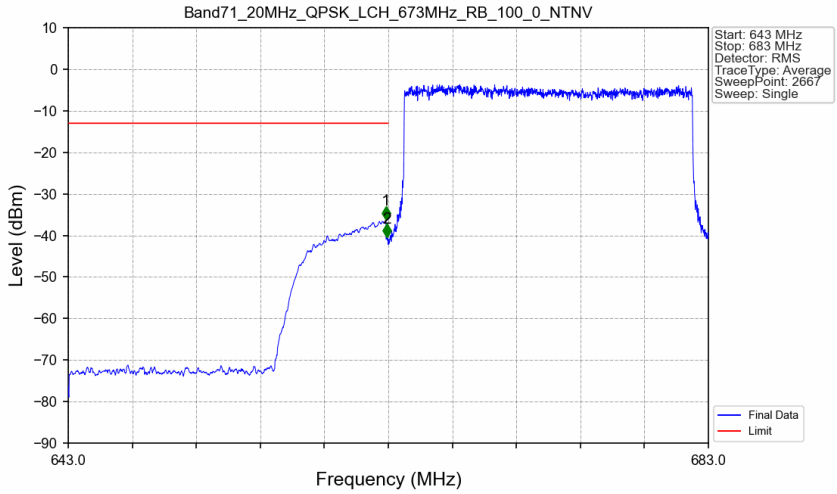


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-32.59	-13	Pass
662.9	663	0.03	/	2	662.940	-33.87	-13	Pass
663	683	0.03	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

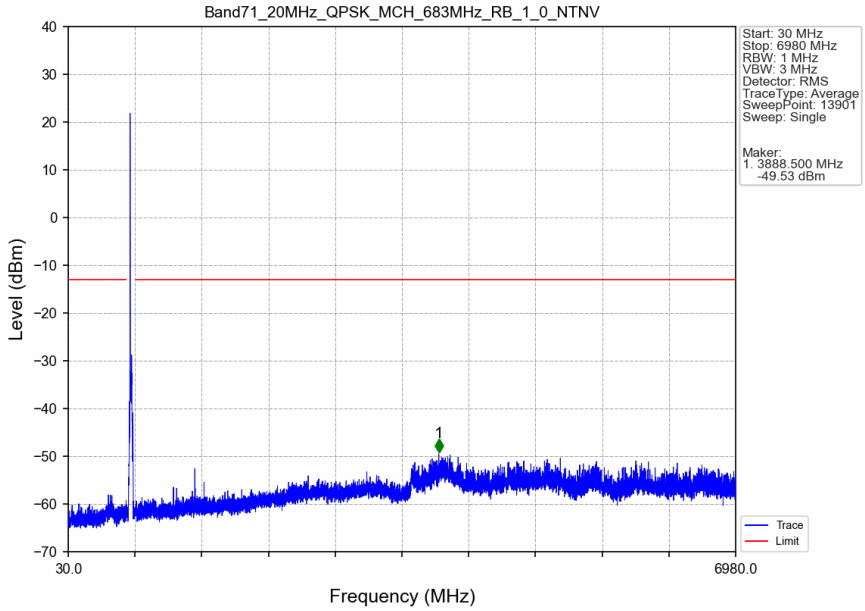


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

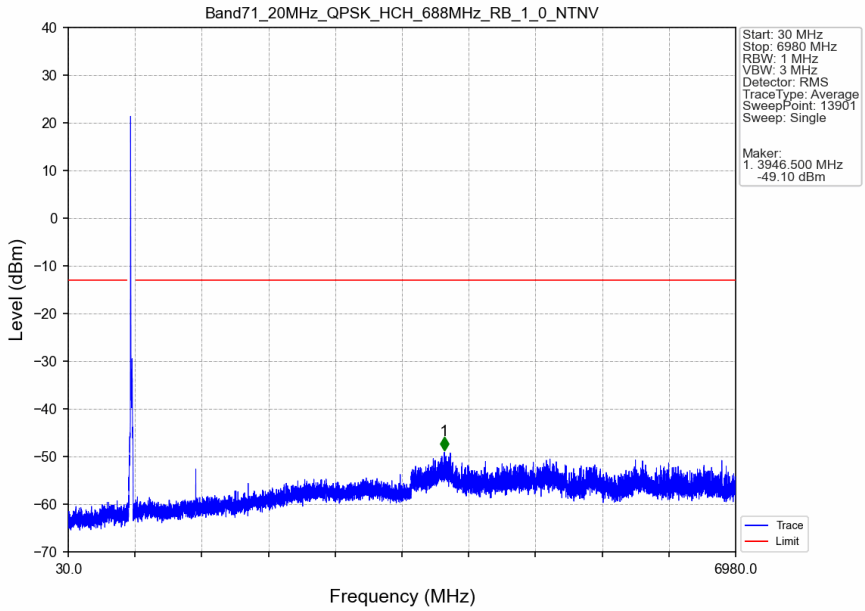


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-36.12	-13	Pass
662.9	663	0.03	/	2	662.910	-40.32	-13	Pass
663	683	0.03	/	/	/	/	/	/

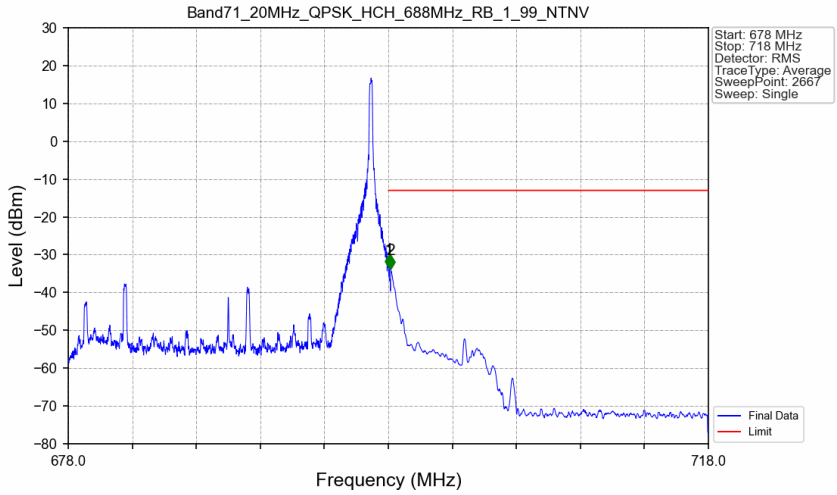
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

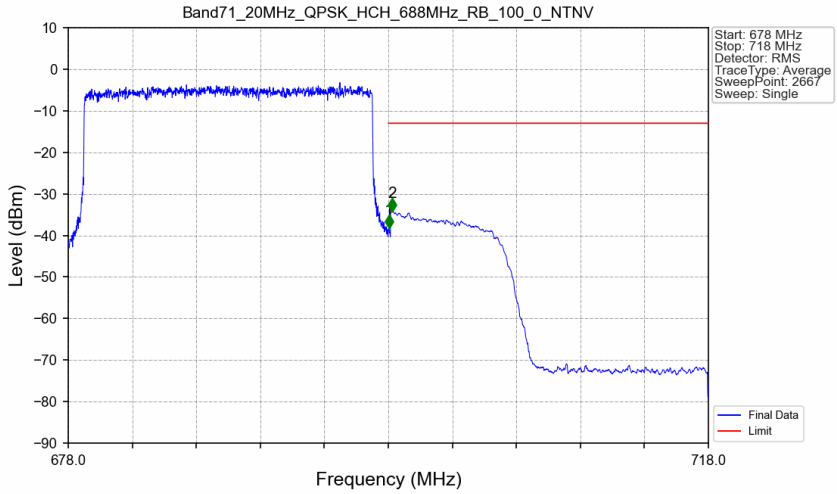


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	698.045	-33.48	-13	Pass
698.1	718	0.1	CHP	2	698.150	-33.57	-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	698.030	-38.23	-13	Pass
698.1	718	0.1	CHP	2	698.255	-34.18	-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	-64.56	-13	-51.56	-66.95	2.4	4.79	Horizontal	Pass
1992.0	-61.35	-13	-48.35	-63.27	2.72	4.64	Horizontal	Pass
2656.0	-58.27	-13	-45.27	-61.33	3.1	6.16	Horizontal	Pass
1328.0	-65.57	-13	-52.57	-67.96	2.4	4.79	Vertical	Pass
1992.0	-62.28	-13	-49.28	-64.2	2.72	4.64	Vertical	Pass
2656.0	-58.87	-13	-45.87	-61.93	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	-66.22	-13	-53.22	-68.72	2.42	4.92	Horizontal	Pass
2022.0	-62.91	-13	-49.91	-64.84	2.74	4.67	Horizontal	Pass
2696.0	-60.41	-13	-47.41	-63.55	3.11	6.25	Horizontal	Pass
1348.0	-66.7	-13	-53.7	-69.2	2.42	4.92	Vertical	Pass
2022.0	-60.77	-13	-47.77	-62.7	2.74	4.67	Vertical	Pass
2696.0	-60.59	-13	-47.59	-63.73	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	-65.07	-13	-52.07	-67.62	2.43	4.98	Horizontal	Pass
2037.0	-60.91	-13	-47.91	-62.87	2.75	4.71	Horizontal	Pass
2716.0	-57.79	-13	-44.79	-60.98	3.11	6.3	Horizontal	Pass
1358.0	-63.72	-13	-50.72	-66.27	2.43	4.98	Vertical	Pass
2037.0	-61.71	-13	-48.71	-63.67	2.75	4.71	Vertical	Pass
2716.0	-58.51	-13	-45.51	-61.7	3.11	6.3	Vertical	Pass