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	24.53	-1.20	21.18	<=34.77	Pass
			24	23.99	-1.20	20.64	<=34.77	Pass
		25	0	23.31	-1.20	19.96	<=34.77	Pass
	680.5	1	0	24.41	-1.20	21.06	<=34.77	Pass
			24	24.19	-1.20	20.84	<=34.77	Pass
		25	0	23.28	-1.20	19.93	<=34.77	Pass
	695.5	1	0	24.16	-1.20	20.81	<=34.77	Pass
			24	24.21	-1.20	20.86	<=34.77	Pass
		25	0	23.19	-1.20	19.84	<=34.77	Pass
16QAM	665.5	1	0	23.38	-1.20	20.03	<=34.77	Pass
			24	23.44	-1.20	20.09	<=34.77	Pass
		25	0	22.34	-1.20	18.99	<=34.77	Pass
	680.5	1	0	23.14	-1.20	19.79	<=34.77	Pass
			24	23.12	-1.20	19.77	<=34.77	Pass
		25	0	22.28	-1.20	18.93	<=34.77	Pass
	695.5	1	0	23.19	-1.20	19.84	<=34.77	Pass
			24	23.01	-1.20	19.66	<=34.77	Pass
		25	0	22.20	-1.20	18.85	<=34.77	Pass
64QAM	665.5	1	0	22.45	-1.20	19.10	<=34.77	Pass
			24	22.48	-1.20	19.13	<=34.77	Pass
		25	0	21.32	-1.20	17.97	<=34.77	Pass
	680.5	1	0	22.21	-1.20	18.86	<=34.77	Pass
			24	22.29	-1.20	18.94	<=34.77	Pass
		25	0	21.25	-1.20	17.90	<=34.77	Pass
	695.5	1	0	22.16	-1.20	18.81	<=34.77	Pass
			24	22.17	-1.20	18.82	<=34.77	Pass
		25	0	21.16	-1.20	17.81	<=34.77	Pass
256QAM	665.5	1	0	19.42	-1.20	16.07	<=34.77	Pass
			24	19.37	-1.20	16.02	<=34.77	Pass
		25	0	19.32	-1.20	15.97	<=34.77	Pass
	680.5	1	0	19.39	-1.20	16.04	<=34.77	Pass
			24	19.31	-1.20	15.96	<=34.77	Pass
		25	0	19.21	-1.20	15.86	<=34.77	Pass
	695.5	1	0	19.24	-1.20	15.89	<=34.77	Pass
			24	19.28	-1.20	15.93	<=34.77	Pass
		25	0	19.18	-1.20	15.83	<=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	24.00	-1.20	20.65	<=34.77	Pass
			49	24.27	-1.20	20.92	<=34.77	Pass
		50	0	23.33	-1.20	19.98	<=34.77	Pass
	680.5	1	0	24.25	-1.20	20.90	<=34.77	Pass

			49	24.12	-1.20	20.77	<=34.77	Pass
		50	0	23.23	-1.20	19.88	<=34.77	Pass
	693	1	0	24.10	-1.20	20.75	<=34.77	Pass
			49	24.12	-1.20	20.77	<=34.77	Pass
		50	0	23.15	-1.20	19.80	<=34.77	Pass
16QAM	668	1	0	23.17	-1.20	19.82	<=34.77	Pass
			49	23.05	-1.20	19.70	<=34.77	Pass
		50	0	22.27	-1.20	18.92	<=34.77	Pass
	680.5	1	0	23.37	-1.20	20.02	<=34.77	Pass
			49	23.21	-1.20	19.86	<=34.77	Pass
		50	0	22.19	-1.20	18.84	<=34.77	Pass
	693	1	0	23.49	-1.20	20.14	<=34.77	Pass
			49	23.15	-1.20	19.80	<=34.77	Pass
		50	0	22.12	-1.20	18.77	<=34.77	Pass
64QAM	668	1	0	22.45	-1.20	19.10	<=34.77	Pass
			49	22.29	-1.20	18.94	<=34.77	Pass
		50	0	21.36	-1.20	18.01	<=34.77	Pass
	680.5	1	0	21.99	-1.20	18.64	<=34.77	Pass
			49	22.21	-1.20	18.86	<=34.77	Pass
		50	0	21.13	-1.20	17.78	<=34.77	Pass
	693	1	0	22.40	-1.20	19.05	<=34.77	Pass
			49	22.29	-1.20	18.94	<=34.77	Pass
		50	0	21.17	-1.20	17.82	<=34.77	Pass
256QAM	668	1	0	19.52	-1.20	16.17	<=34.77	Pass
			49	19.05	-1.20	15.70	<=34.77	Pass
		50	0	19.32	-1.20	15.97	<=34.77	Pass
	680.5	1	0	19.25	-1.20	15.90	<=34.77	Pass
			49	19.23	-1.20	15.88	<=34.77	Pass
		50	0	19.18	-1.20	15.83	<=34.77	Pass
	693	1	0	19.31	-1.20	15.96	<=34.77	Pass
			49	19.22	-1.20	15.87	<=34.77	Pass
		50	0	19.19	-1.20	15.84	<=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	24.58	-1.20	21.23	<=34.77	Pass
			74	24.30	-1.20	20.95	<=34.77	Pass
		75	0	23.32	-1.20	19.97	<=34.77	Pass
	680.5	1	0	24.25	-1.20	20.90	<=34.77	Pass
			74	24.08	-1.20	20.73	<=34.77	Pass
		75	0	23.10	-1.20	19.75	<=34.77	Pass
	690.5	1	0	24.33	-1.20	20.98	<=34.77	Pass
			74	24.14	-1.20	20.79	<=34.77	Pass
		75	0	23.20	-1.20	19.85	<=34.77	Pass
16QAM	670.5	1	0	23.60	-1.20	20.25	<=34.77	Pass
			74	23.28	-1.20	19.93	<=34.77	Pass
		75	0	22.29	-1.20	18.94	<=34.77	Pass
	680.5	1	0	23.59	-1.20	20.24	<=34.77	Pass
			74	23.35	-1.20	20.00	<=34.77	Pass
		75	0	22.16	-1.20	18.81	<=34.77	Pass
	690.5	1	0	23.51	-1.20	20.16	<=34.77	Pass
			74	23.22	-1.20	19.87	<=34.77	Pass
		75	0	22.12	-1.20	18.77	<=34.77	Pass

64QAM	670.5	1	0	22.38	-1.20	19.03	<=34.77	Pass
			74	22.42	-1.20	19.07	<=34.77	Pass
		75	0	21.33	-1.20	17.98	<=34.77	Pass
	680.5	1	0	22.42	-1.20	19.07	<=34.77	Pass
			74	22.23	-1.20	18.88	<=34.77	Pass
		75	0	21.16	-1.20	17.81	<=34.77	Pass
	690.5	1	0	22.44	-1.20	19.09	<=34.77	Pass
			74	22.30	-1.20	18.95	<=34.77	Pass
		75	0	21.22	-1.20	17.87	<=34.77	Pass
256QAM	670.5	1	0	19.57	-1.20	16.22	<=34.77	Pass
			74	19.20	-1.20	15.85	<=34.77	Pass
		75	0	19.24	-1.20	15.89	<=34.77	Pass
	680.5	1	0	19.41	-1.20	16.06	<=34.77	Pass
			74	19.16	-1.20	15.81	<=34.77	Pass
		75	0	19.18	-1.20	15.83	<=34.77	Pass
	690.5	1	0	19.27	-1.20	15.92	<=34.77	Pass
			74	19.26	-1.20	15.91	<=34.77	Pass
		75	0	19.20	-1.20	15.85	<=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	24.47	-1.20	21.12	<=34.77	Pass
			99	24.19	-1.20	20.84	<=34.77	Pass
		100	0	23.30	-1.20	19.95	<=34.77	Pass
	683	1	0	24.30	-1.20	20.95	<=34.77	Pass
			99	24.00	-1.20	20.65	<=34.77	Pass
		100	0	23.13	-1.20	19.78	<=34.77	Pass
	688	1	0	24.20	-1.20	20.85	<=34.77	Pass
			99	23.94	-1.20	20.59	<=34.77	Pass
		100	0	23.09	-1.20	19.74	<=34.77	Pass
16QAM	673	1	0	23.44	-1.20	20.09	<=34.77	Pass
			99	23.45	-1.20	20.10	<=34.77	Pass
		100	0	22.24	-1.20	18.89	<=34.77	Pass
	683	1	0	23.52	-1.20	20.17	<=34.77	Pass
			99	23.08	-1.20	19.73	<=34.77	Pass
		100	0	22.14	-1.20	18.79	<=34.77	Pass
	688	1	0	23.47	-1.20	20.12	<=34.77	Pass
			99	23.36	-1.20	20.01	<=34.77	Pass
		100	0	22.06	-1.20	18.71	<=34.77	Pass
64QAM	673	1	0	22.25	-1.20	18.90	<=34.77	Pass
			99	22.06	-1.20	18.71	<=34.77	Pass
		100	0	21.30	-1.20	17.95	<=34.77	Pass
	683	1	0	22.42	-1.20	19.07	<=34.77	Pass
			99	22.05	-1.20	18.70	<=34.77	Pass
		100	0	21.21	-1.20	17.86	<=34.77	Pass
	688	1	0	22.05	-1.20	18.70	<=34.77	Pass
			99	22.25	-1.20	18.90	<=34.77	Pass
		100	0	21.01	-1.20	17.66	<=34.77	Pass
256QAM	673	1	0	19.55	-1.20	16.20	<=34.77	Pass
			99	19.28	-1.20	15.93	<=34.77	Pass
		100	0	19.30	-1.20	15.95	<=34.77	Pass
	683	1	0	19.42	-1.20	16.07	<=34.77	Pass
			99	19.14	-1.20	15.79	<=34.77	Pass

		100	0	19.22	-1.20	15.87	<=34.77	Pass
	688	1	0	19.43	-1.20	16.08	<=34.77	Pass
			99	19.10	-1.20	15.75	<=34.77	Pass
		100	0	19.13	-1.20	15.78	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	680.5	50	0	20	LV	-2.000	-0.0029	-2.5 to 2.5	Pass
					NV	-3.700	-0.0054	-2.5 to 2.5	Pass
					HV	-1.100	-0.0016	-2.5 to 2.5	Pass
				-30	NV	-4.300	-0.0063	-2.5 to 2.5	Pass
				-20	NV	0.200	0.0003	-2.5 to 2.5	Pass
				-10	NV	-4.500	-0.0066	-2.5 to 2.5	Pass
				0	NV	-1.900	-0.0028	-2.5 to 2.5	Pass
				10	NV	-3.800	-0.0056	-2.5 to 2.5	Pass
				30	NV	-1.000	-0.0015	-2.5 to 2.5	Pass
				40	NV	-4.200	-0.0062	-2.5 to 2.5	Pass
				50	NV	-3.100	-0.0046	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band71_OBW

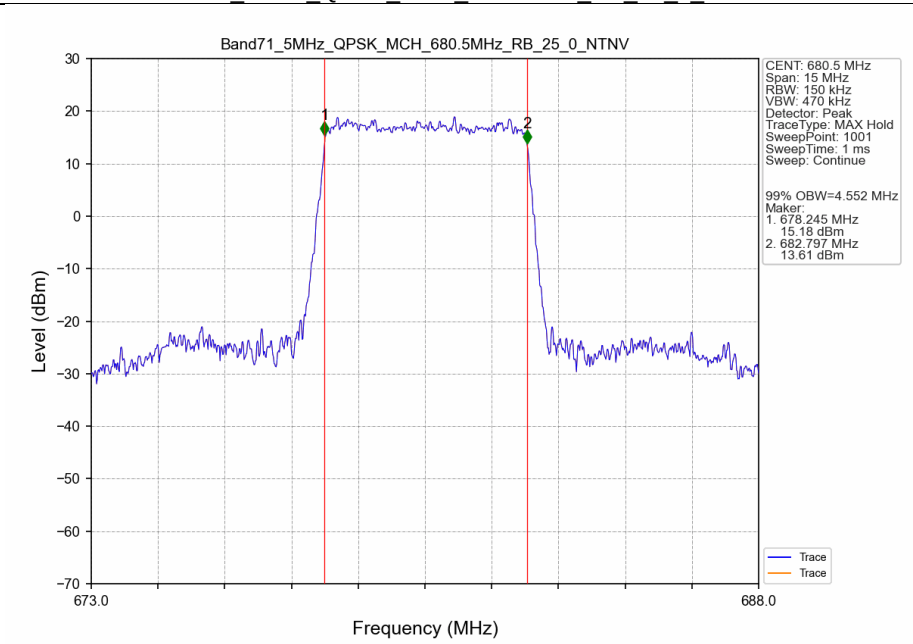
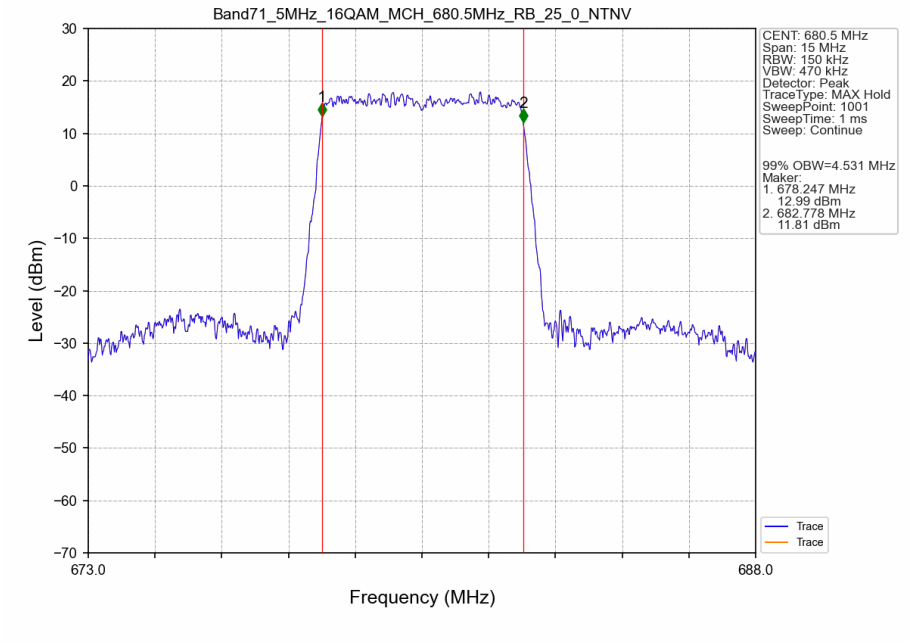
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	4.552	/	Pass
	16QAM	680.5	25	0	4.531	/	Pass
10	QPSK	680.5	50	0	9.052	/	Pass
	16QAM	680.5	50	0	9.028	/	Pass
15	QPSK	680.5	75	0	13.574	/	Pass
	16QAM	680.5	75	0	13.568	/	Pass
20	QPSK	683	100	0	18.124	/	Pass
	16QAM	683	100	0	18.067	/	Pass

3.1.2 Band71_XDB

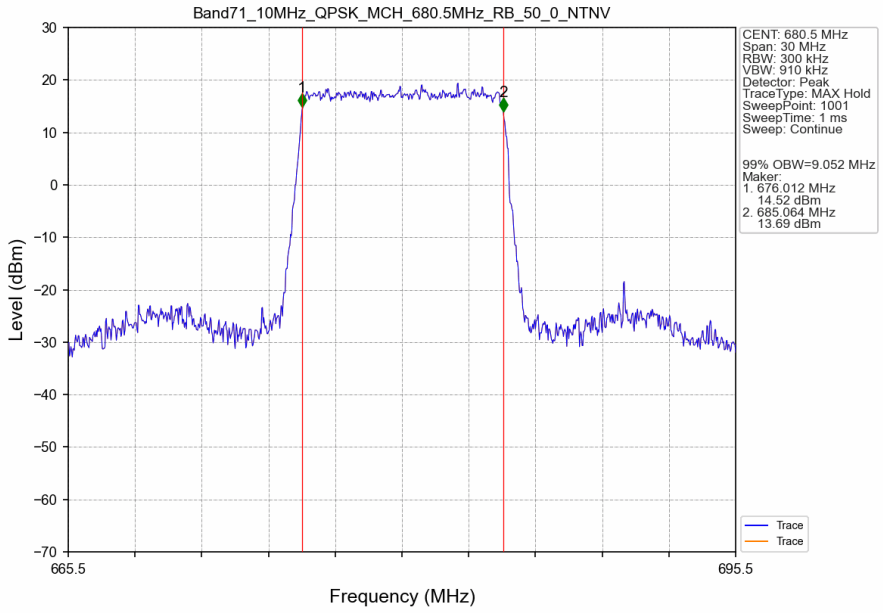
Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	680.5	25	0	5.016	/	Pass
	16QAM	680.5	25	0	5.070	/	Pass
10	QPSK	680.5	50	0	9.940	/	Pass
	16QAM	680.5	50	0	9.970	/	Pass
15	QPSK	680.5	75	0	14.874	/	Pass
	16QAM	680.5	75	0	15.044	/	Pass
20	QPSK	683	100	0	19.829	/	Pass
	16QAM	683	100	0	19.711	/	Pass

3.2 Test Graph

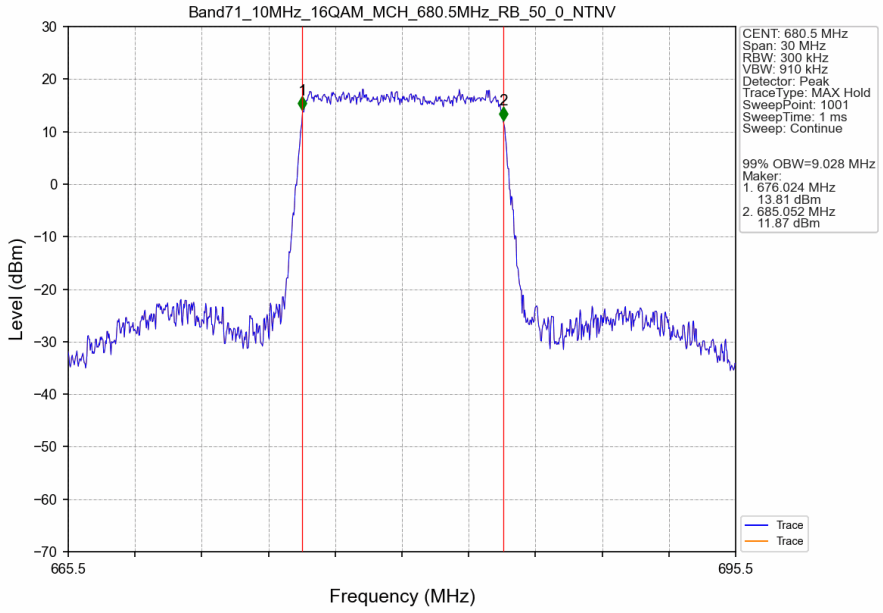
3.2.1 Band71_OBW

Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV

Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


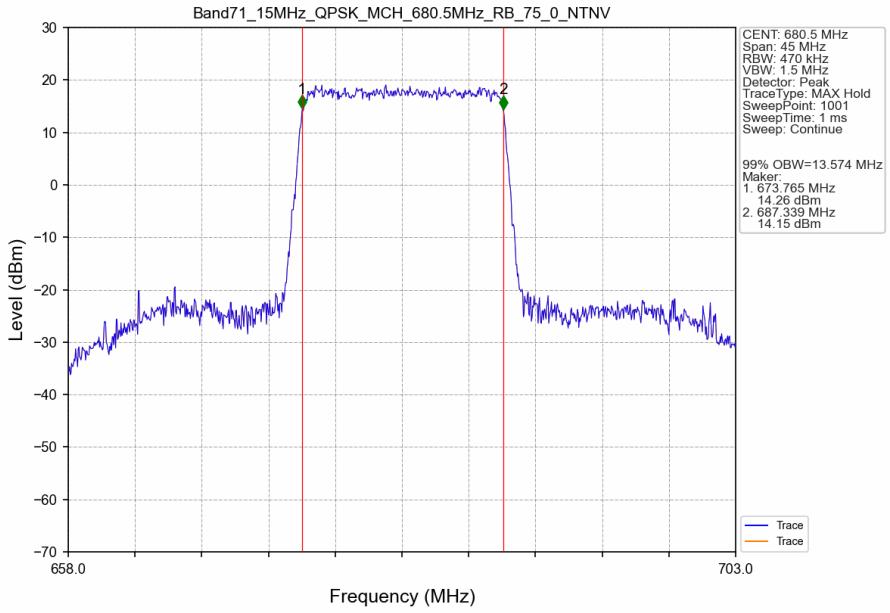
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



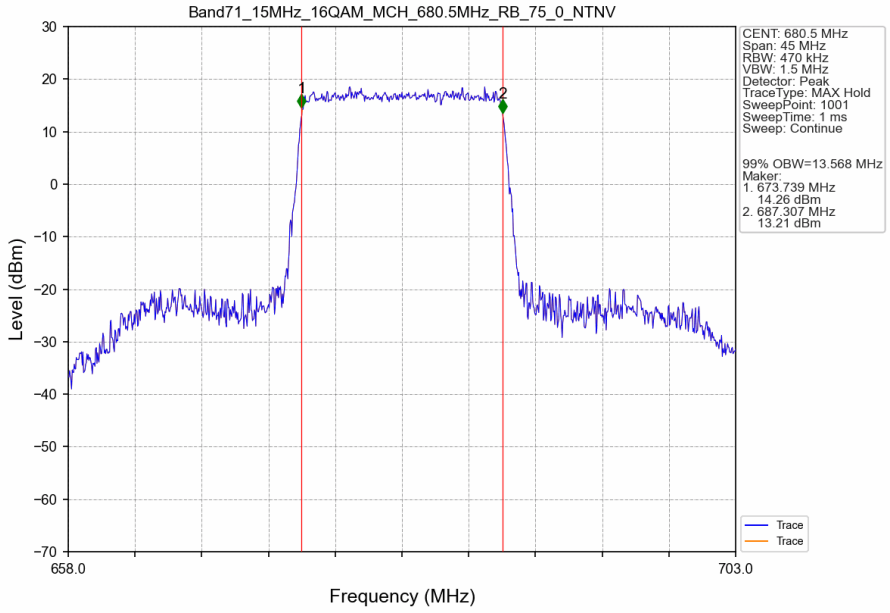
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



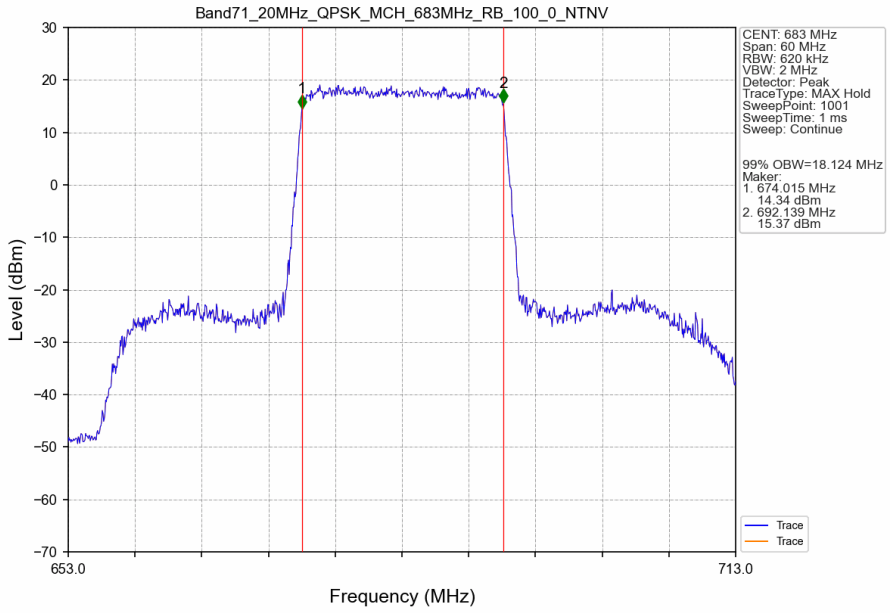
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



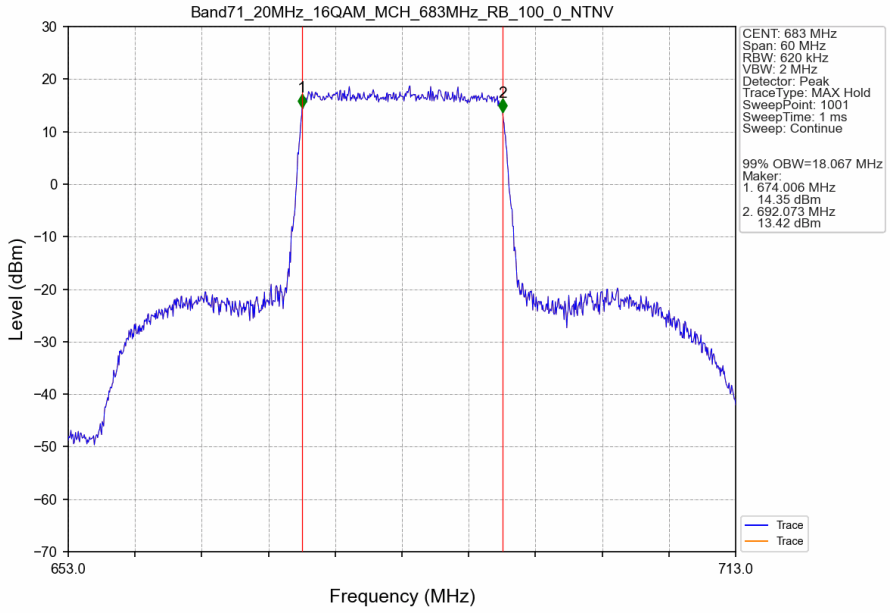
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



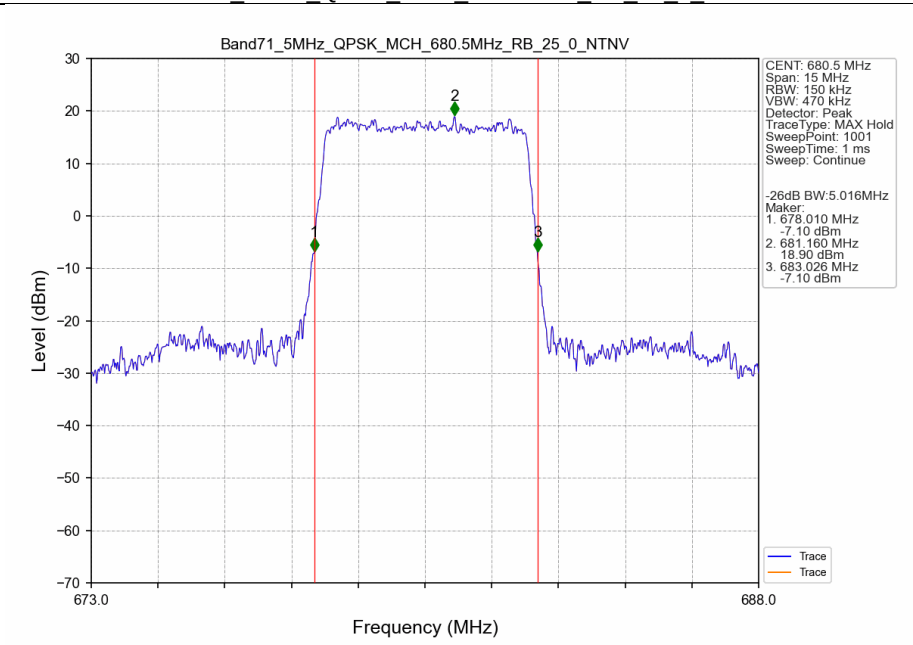
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV

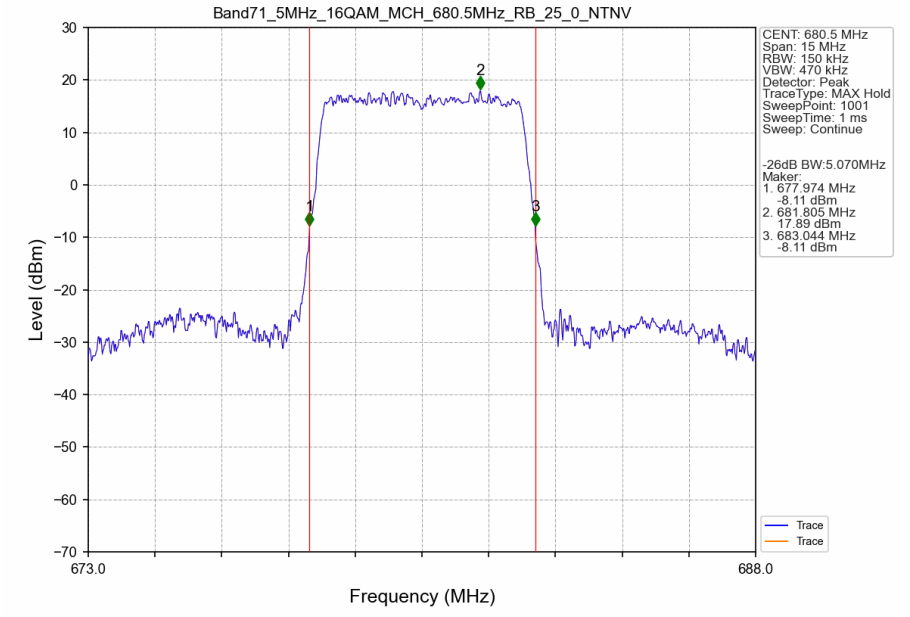


Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV

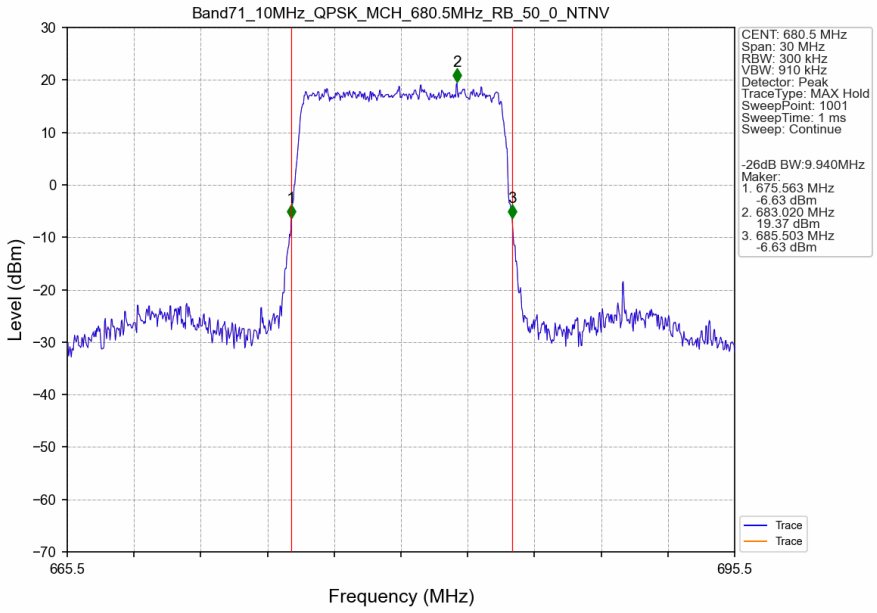


3.2.2 Band71_XDB

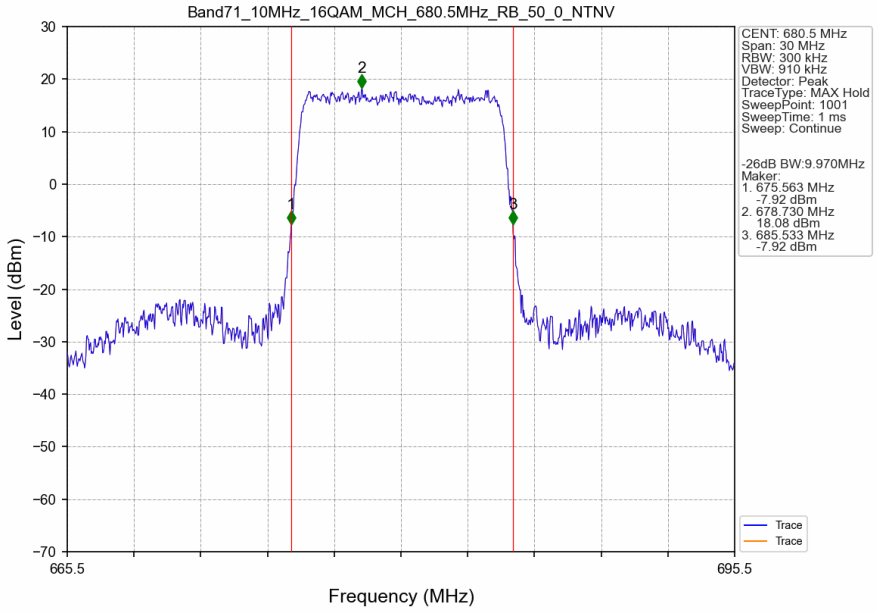
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV


Band71_5MHz_16QAM_MCH_680.5MHz_RB_25_0_NTNV


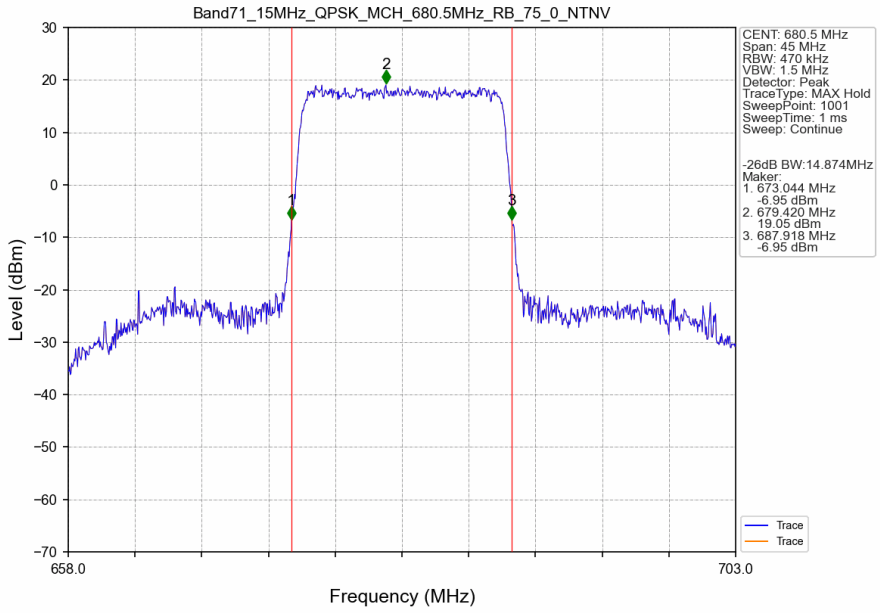
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



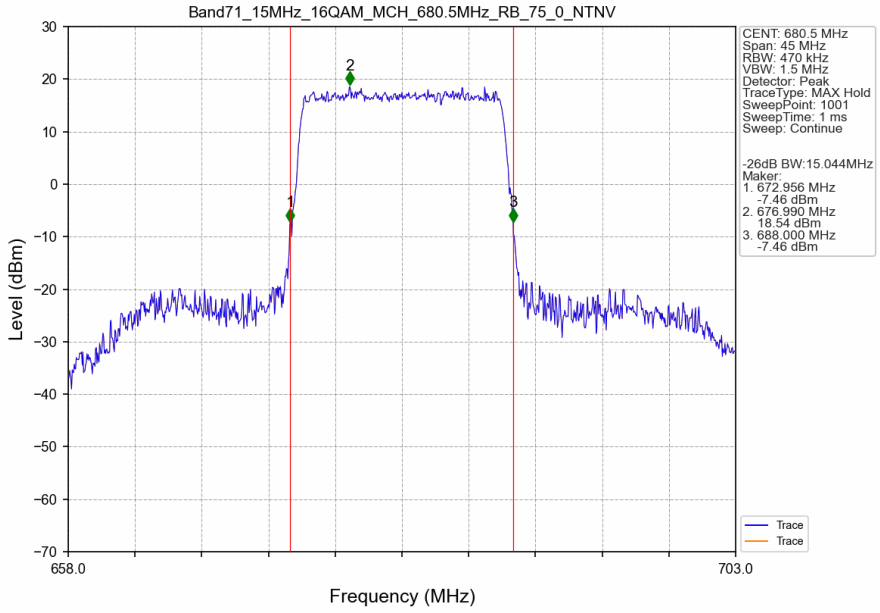
Band71_10MHz_16QAM_MCH_680.5MHz_RB_50_0_NTNV



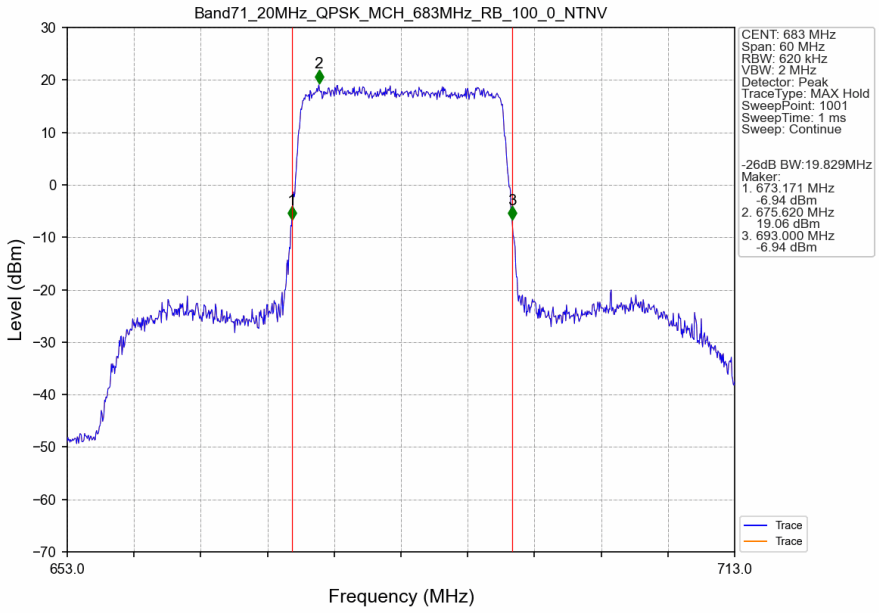
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



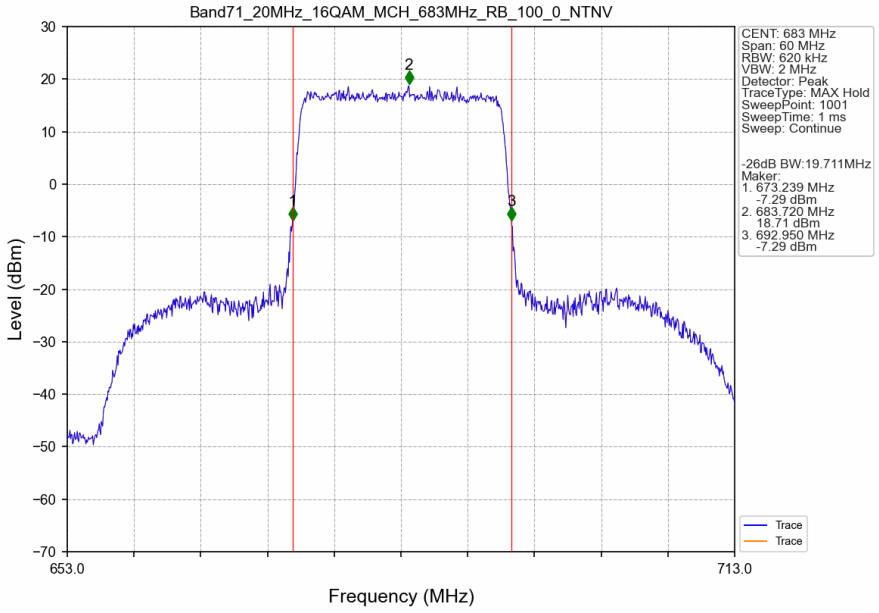
Band71_15MHz_16QAM_MCH_680.5MHz_RB_75_0_NTNV



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

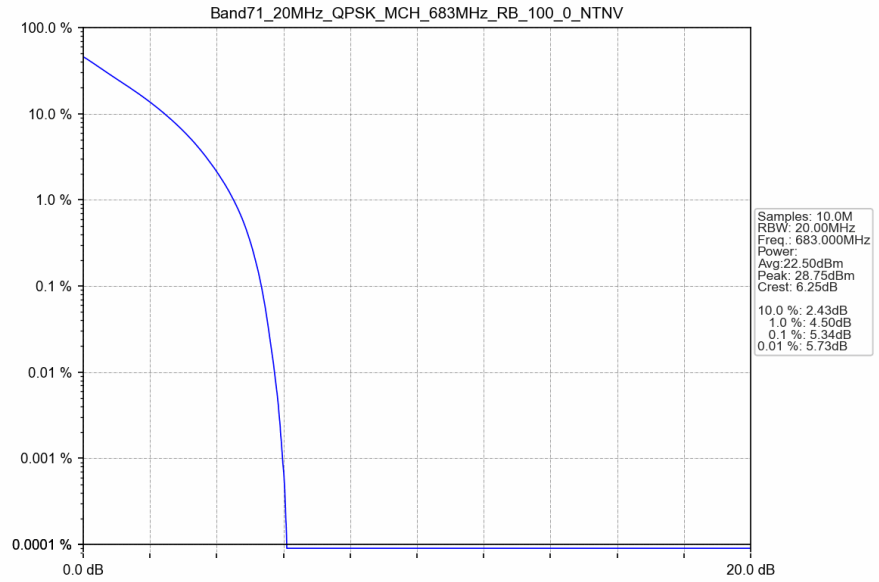
4.1.1 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	5.34	<=13	Pass
16QAM	683	100	0	5.90	<=13	Pass
64QAM	683	100	0	6.56	<=13	Pass
256QAM	683	100	0	6.56	<=13	Pass

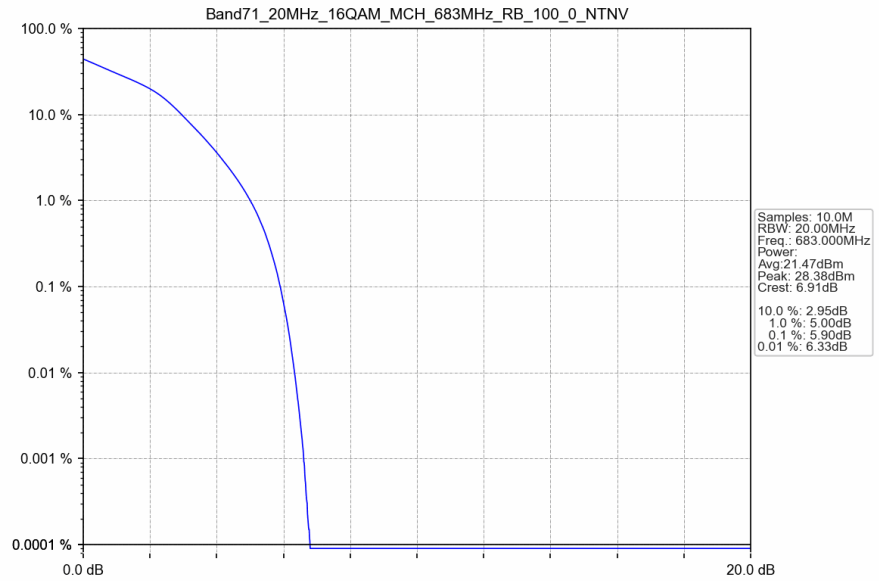
4.2 Test Graph

4.2.1 B71_20MHz

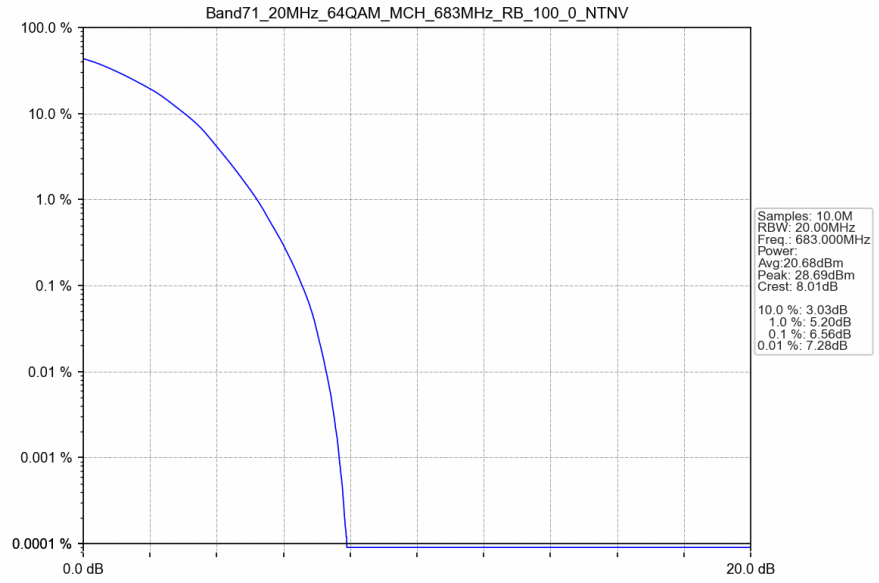
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



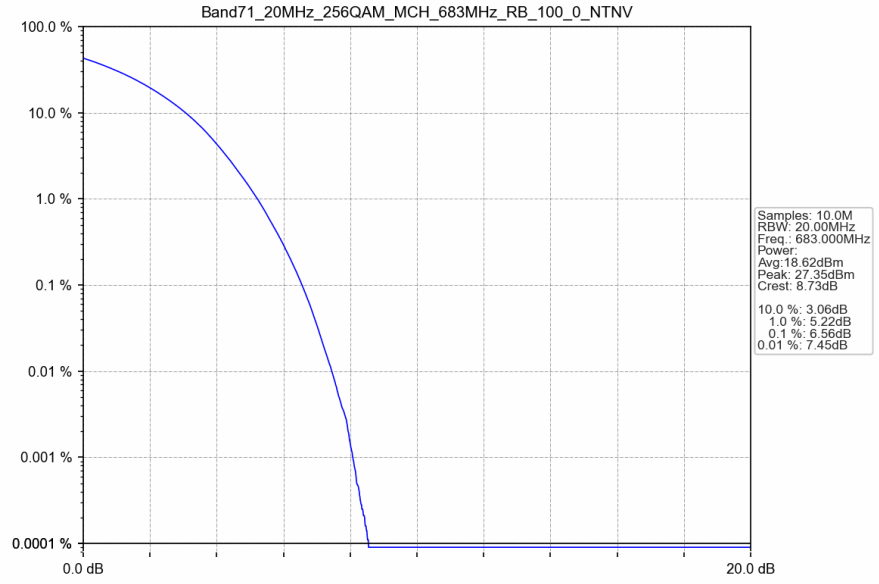
Band71_20MHz_16QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_64QAM_MCH_683MHz_RB_100_0_NTNV



Band71_20MHz_256QAM_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

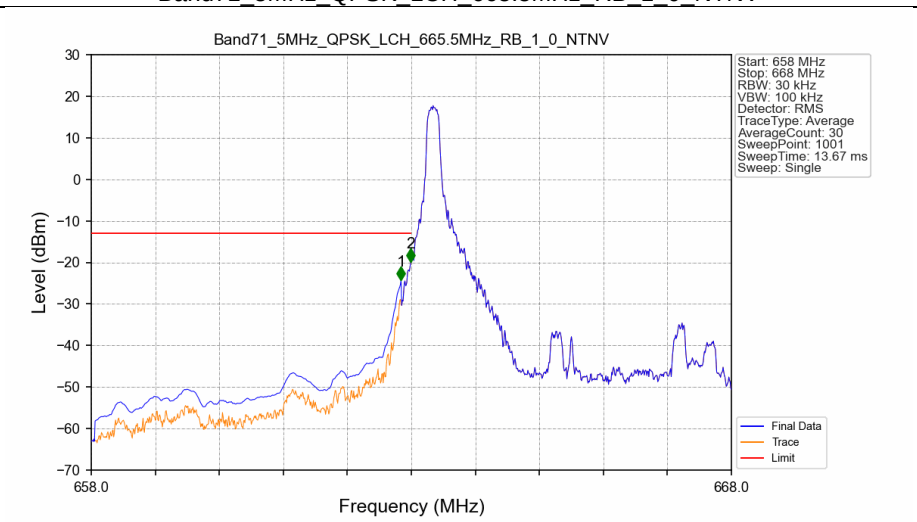
5.1.4 B71_20MHz

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

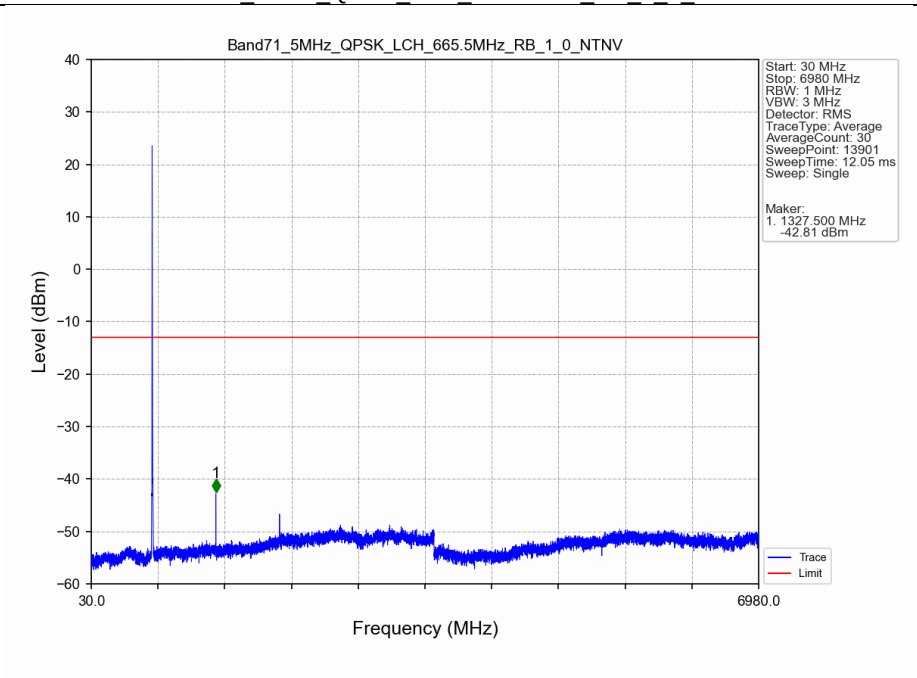
5.2.1 B71_5MHz

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

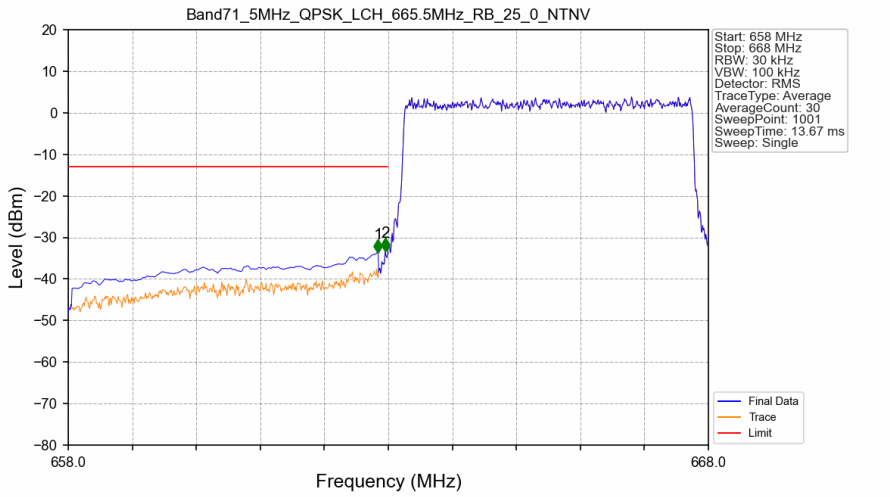


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-24.24	-13	Pass
662.9	663	0.03	/	2	662.990	-19.90	-13	Pass
663	668	0.03	/	/	/	/	/	/

Band71_5MHz_QPSK_LCH_665.5MHz_RB_1_0_NTNV

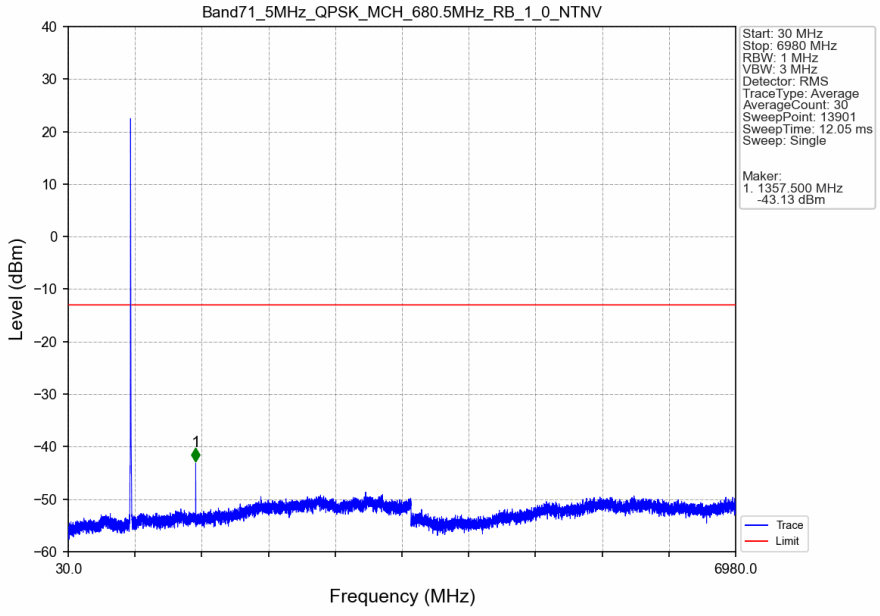


Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV

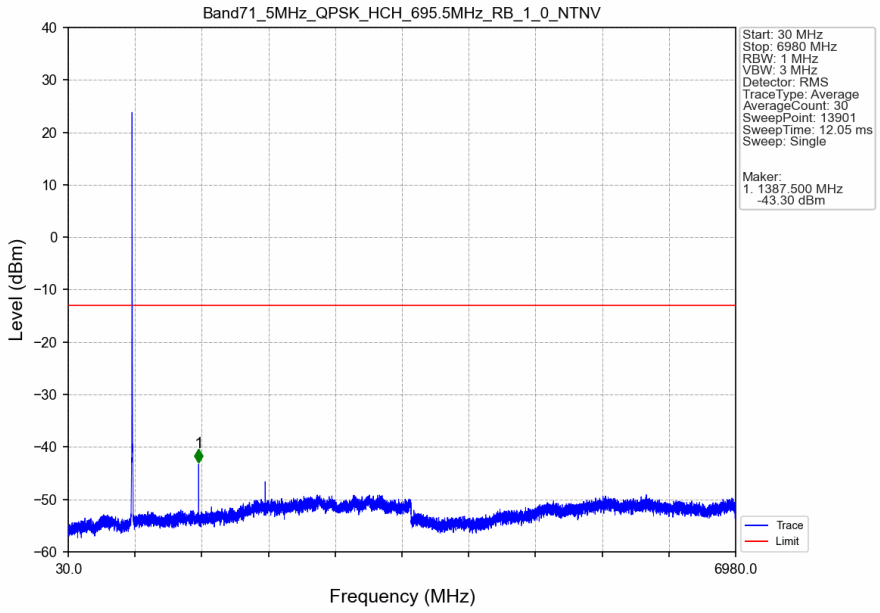


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.840	-33.71	-13	Pass
662.9	663	0.03	/	2	662.950	-33.30	-13	Pass
663	668	0.03	/	/	/	/	/	/

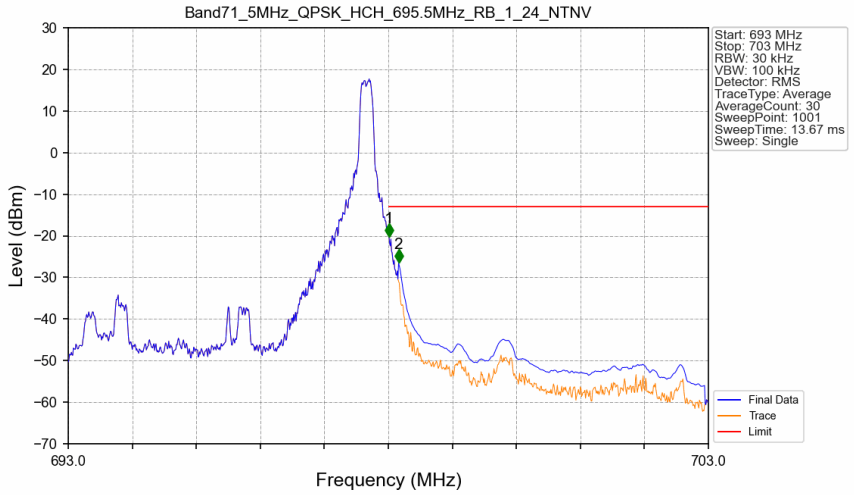
Band71_5MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_0_NTNV

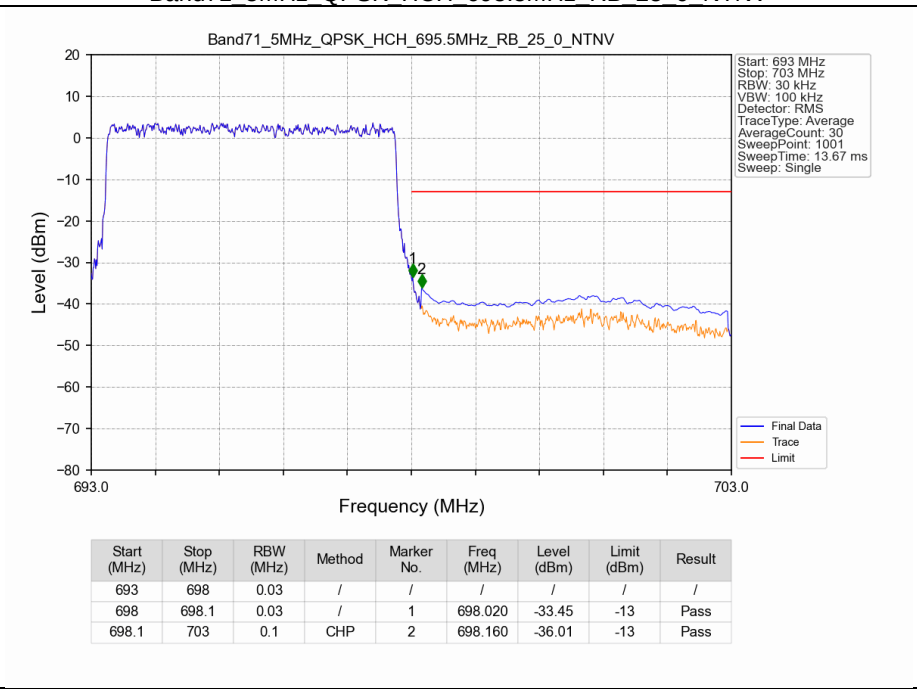


Band71_5MHz_QPSK_HCH_695.5MHz_RB_1_24_NTNV



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	-20.24	-13	Pass
698.1	703	0.1	CHP	2	698.160	-26.48	-13	Pass

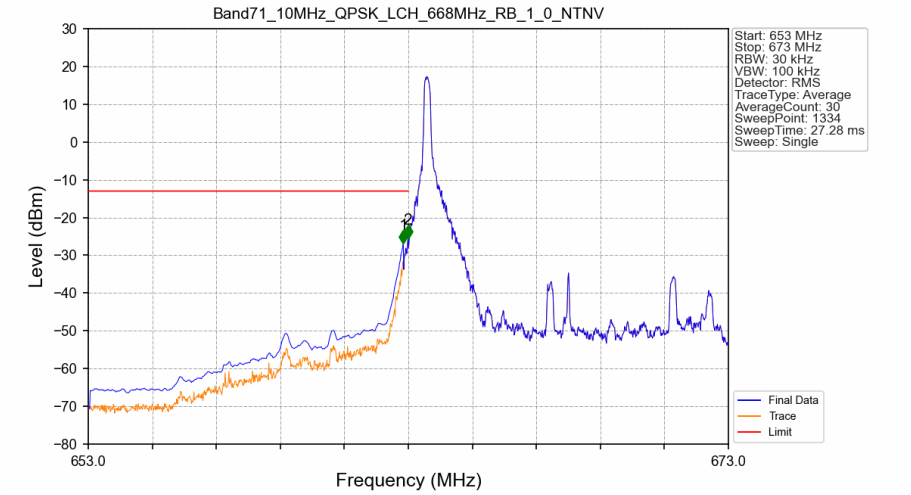
Band71_5MHz_QPSK_HCH_695.5MHz_RB_25_0_NTNV



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	698.020	-33.45	-13	Pass
698.1	703	0.1	CHP	2	698.160	-36.01	-13	Pass

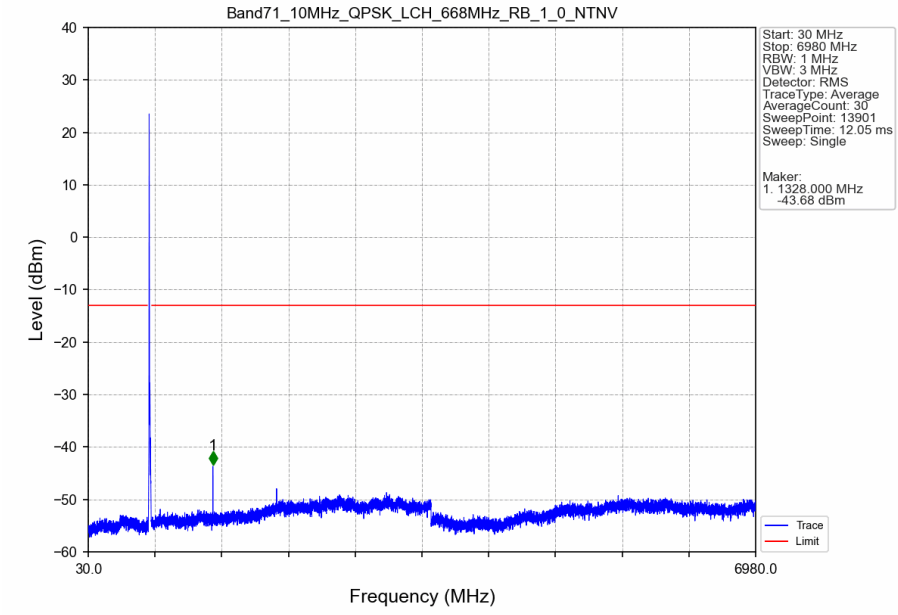
5.2.2 B71_10MHz

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

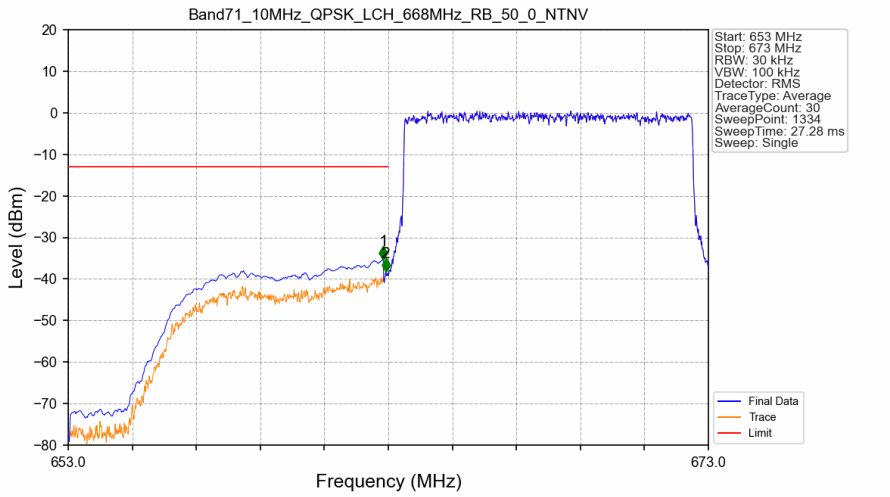


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-26.94	-13	Pass
662.9	663	0.03	/	2	662.992	-25.45	-13	Pass
663	673	0.03	/	/	/	/	/	/

Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV

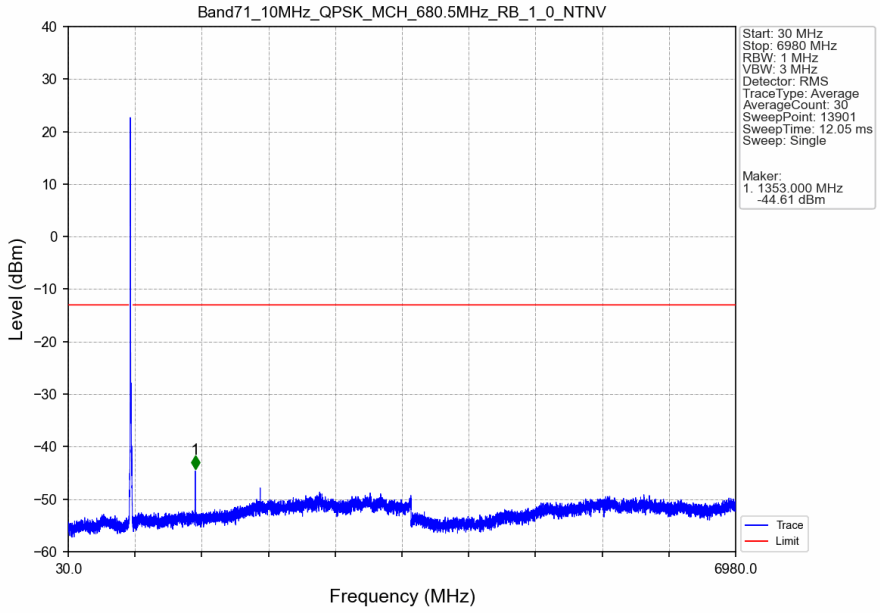


Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV

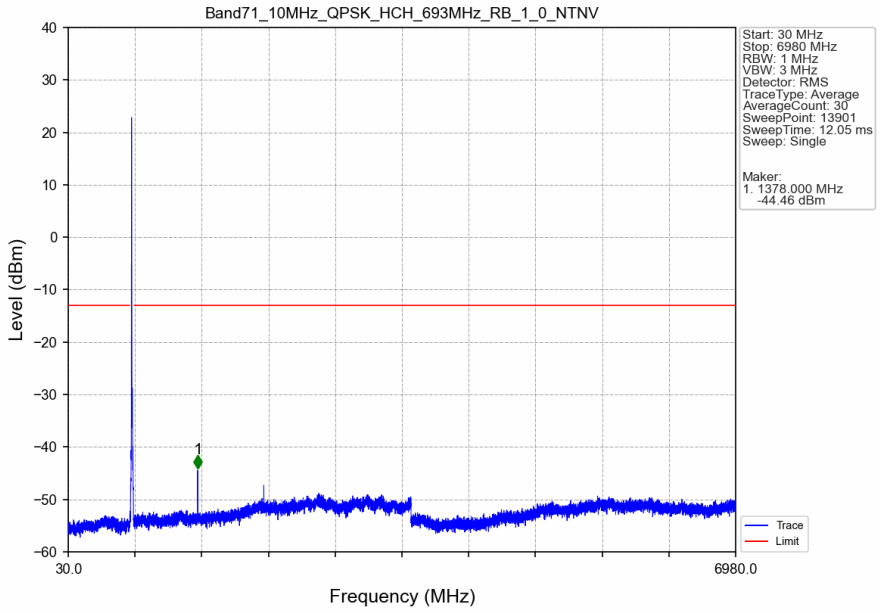


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-35.35	-13	Pass
662.9	663	0.03	/	2	662.917	-38.31	-13	Pass
663	673	0.03	/	/	/	/	/	/

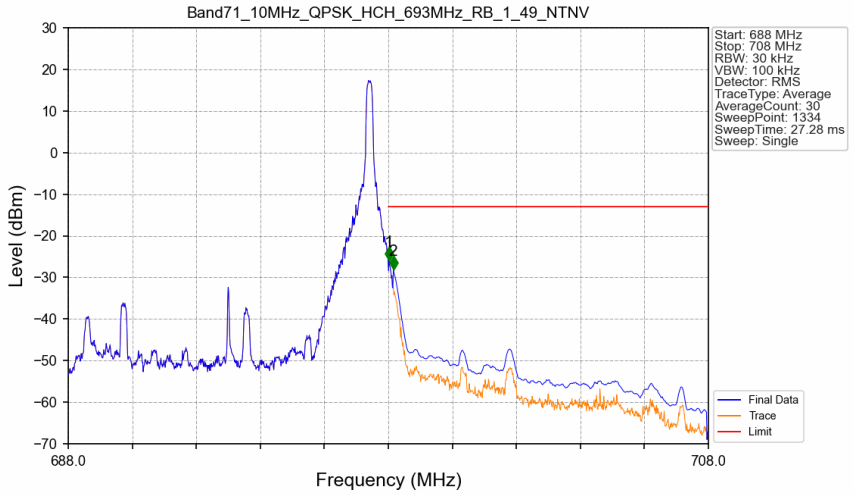
Band71_10MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_10MHz_QPSK_HCH_693MHz_RB_1_0_NTNV

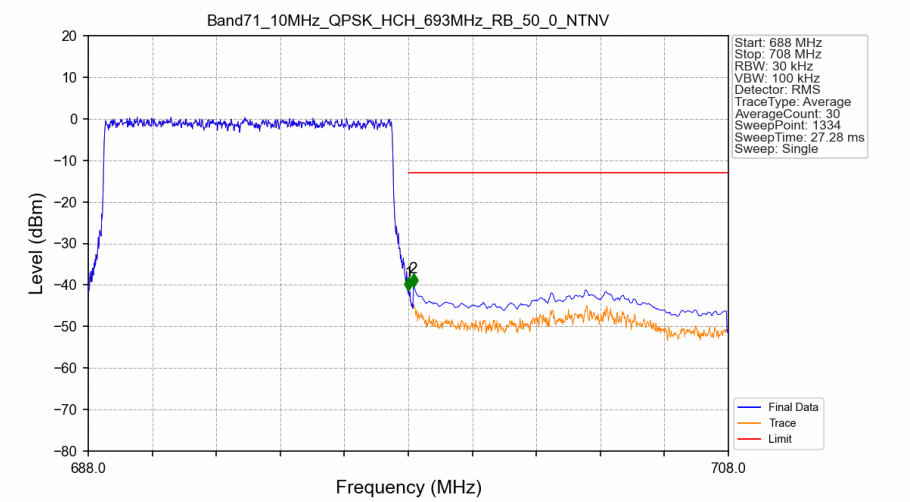


Band71_10MHz_QPSK_HCH_693MHz_RB_1_49_NTNV



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	698.023	-25.92	-13	Pass
698.1	708	0.1	CHP	2	698.158	-28.06	-13	Pass

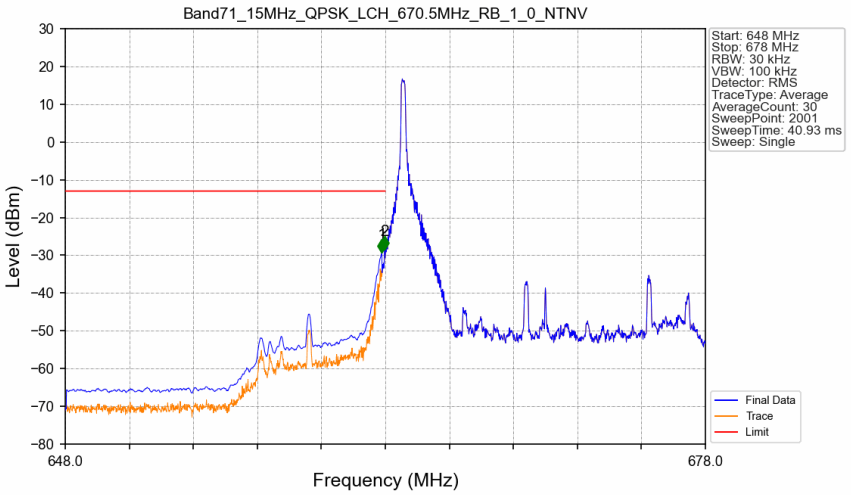
Band71_10MHz_QPSK_HCH_693MHz_RB_50_0_NTNV



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	698.008	-41.26	-13	Pass
698.1	708	0.1	CHP	2	698.158	-40.34	-13	Pass

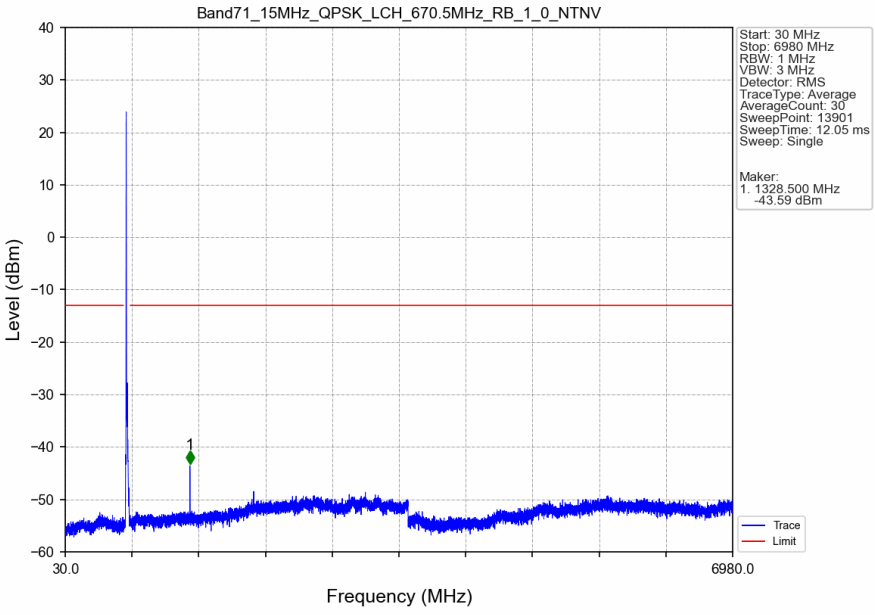
5.2.3 B71_15MHz

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

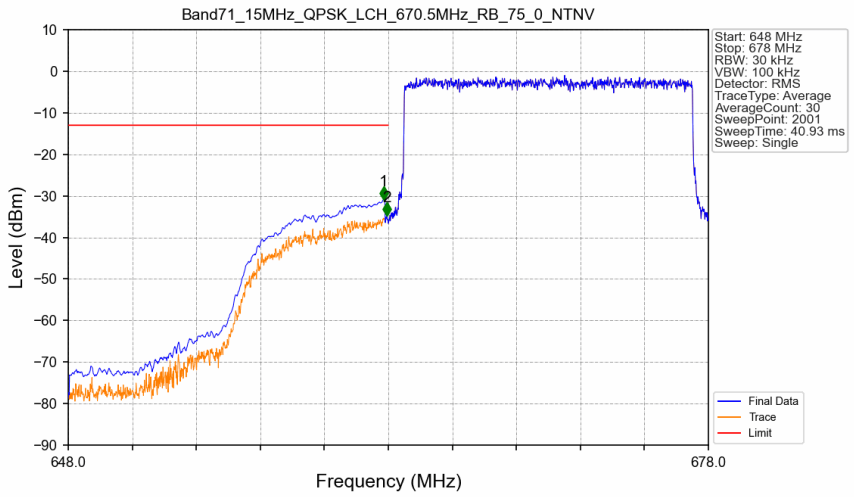


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-29.34	-13	Pass
662.9	663	0.03	/	2	662.970	-28.46	-13	Pass
663	678	0.03	/	/	/	/	/	/

Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV

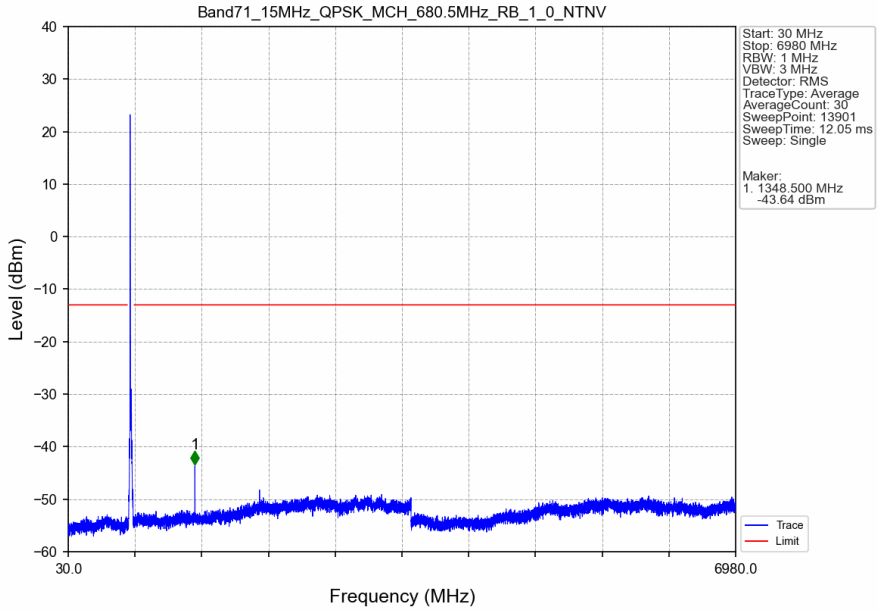


Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV

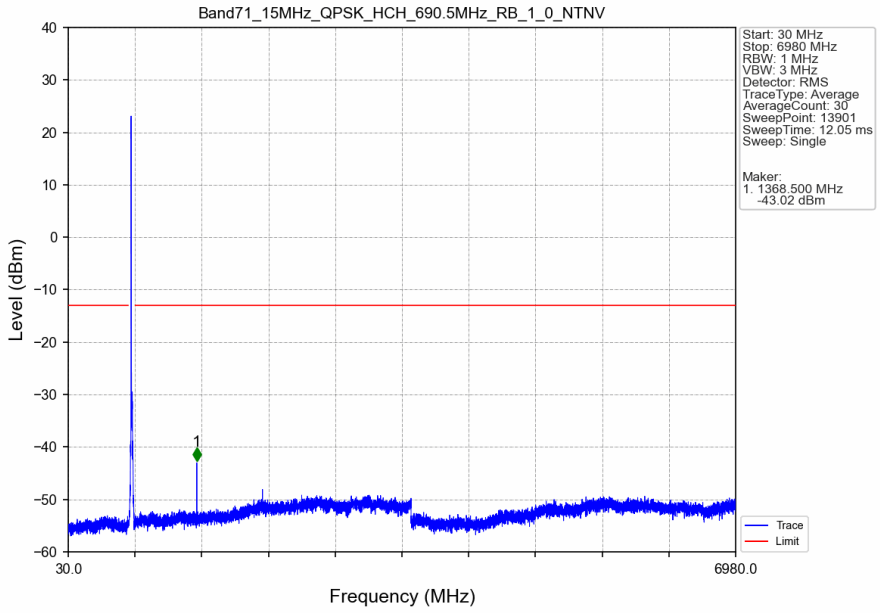


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.775	-30.91	-13	Pass
662.9	663	0.03	/	2	662.940	-34.78	-13	Pass
663	678	0.03	/	/	/	/	/	/

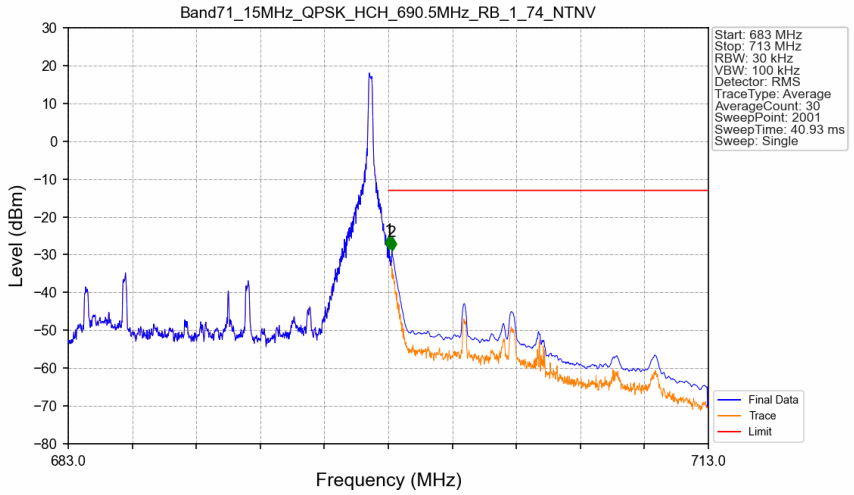
Band71_15MHz_QPSK_MCH_680.5MHz_RB_1_0_NTNV



Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_0_NTNV

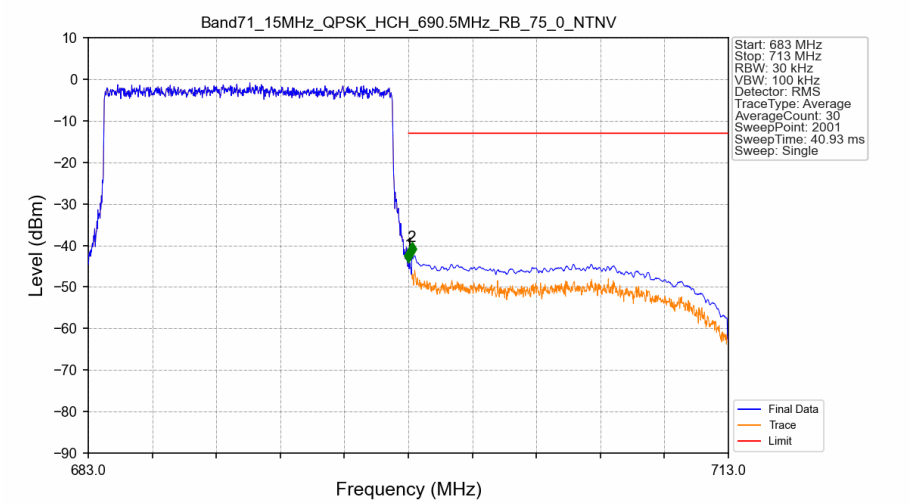


Band71_15MHz_QPSK_HCH_690.5MHz_RB_1_74_NTNV



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	-28.34	-13	Pass
698.1	713	0.1	CHP	2	698.165	-28.89	-13	Pass

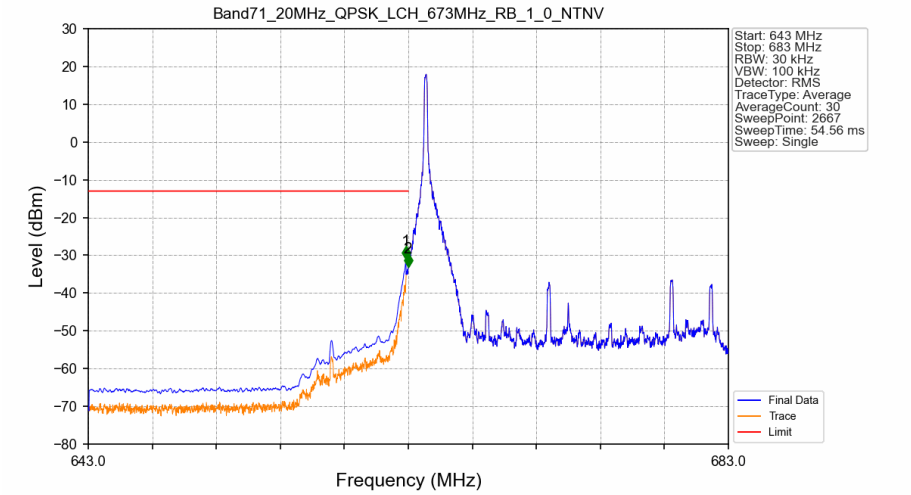
Band71_15MHz_QPSK_HCH_690.5MHz_RB_75_0_NTNV



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	-44.12	-13	Pass
698.1	713	0.1	CHP	2	698.165	-42.40	-13	Pass

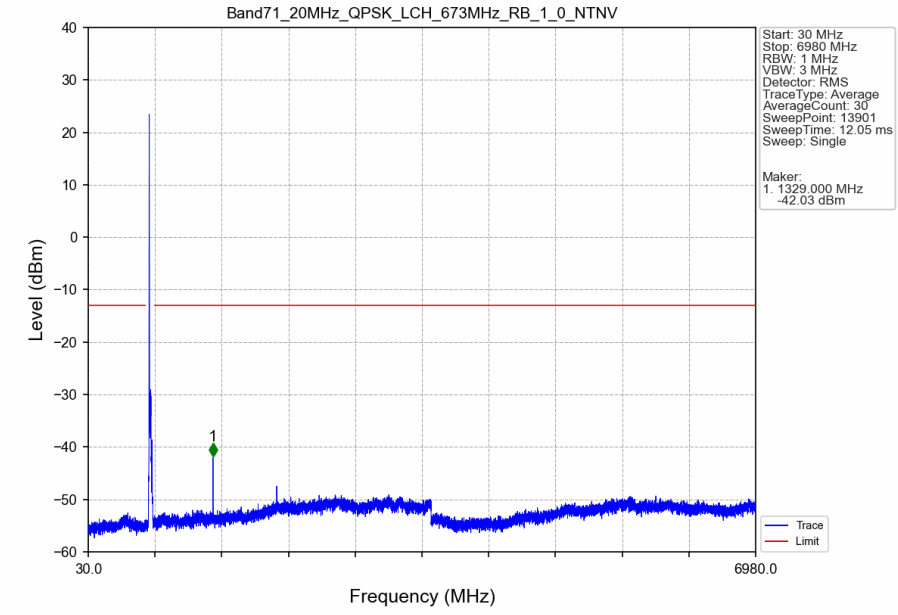
5.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

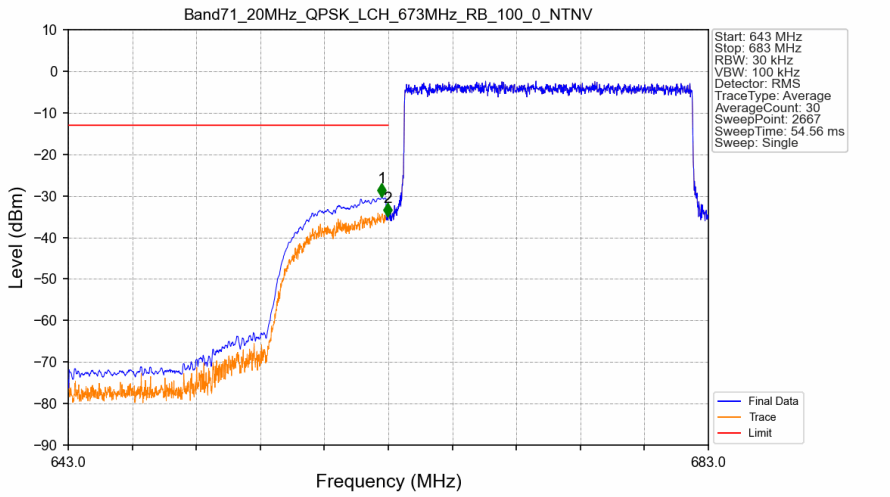


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-31.11	-13	Pass
662.9	663	0.03	/	2	662.985	-33.04	-13	Pass
663	683	0.03	/	/	/	/	/	/

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

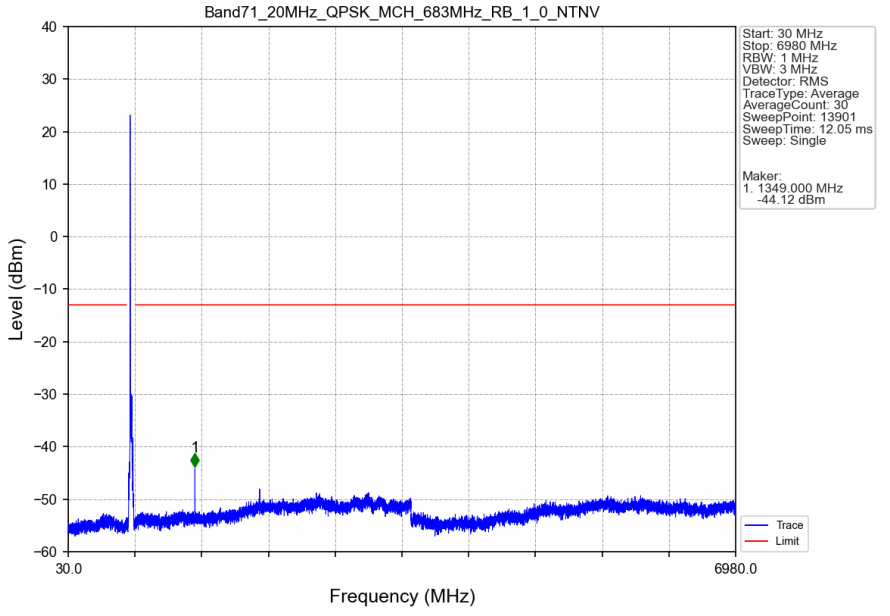


Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV

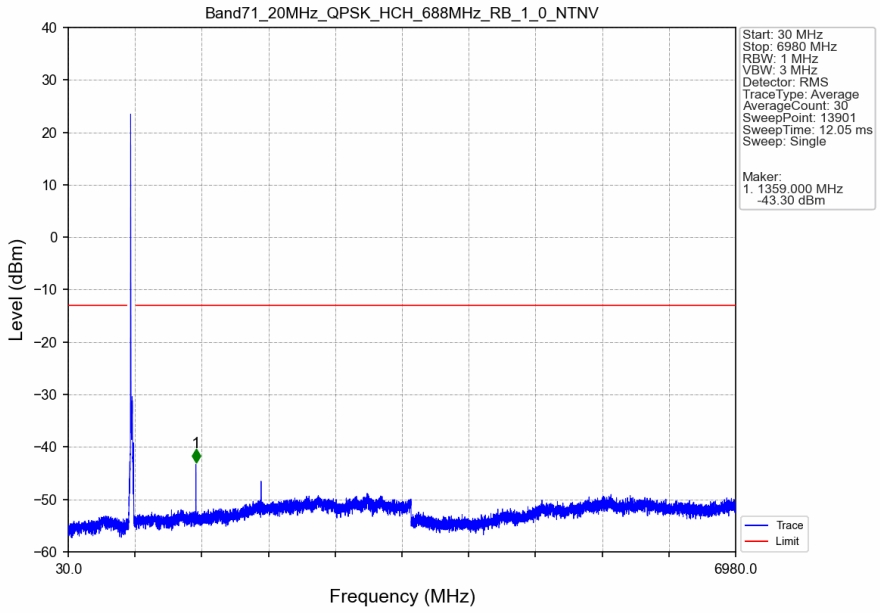


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.595	-30.22	-13	Pass
662.9	663	0.03	/	2	662.940	-34.87	-13	Pass
663	683	0.03	/	/	/	/	/	/

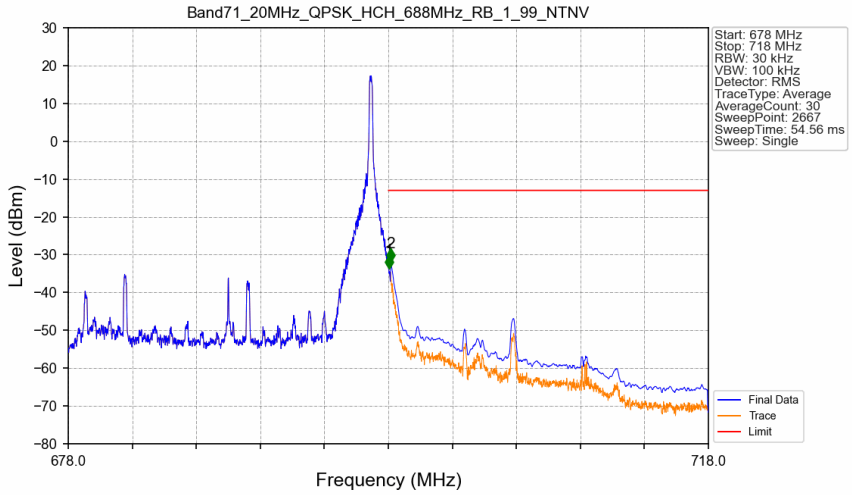
Band71_20MHz_QPSK_MCH_683MHz_RB_1_0_NTNV



Band71_20MHz_QPSK_HCH_688MHz_RB_1_0_NTNV

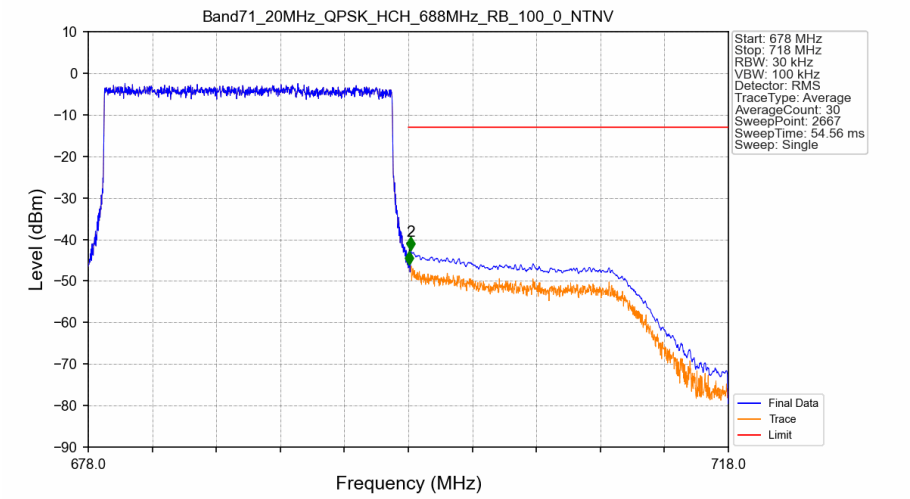


Band71_20MHz_QPSK_HCH_688MHz_RB_1_99_NTNV



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	698.030	-33.72	-13	Pass
698.1	718	0.1	CHP	2	698.150	-31.77	-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	-46.11	-13	Pass
698.1	718	0.1	CHP	2	698.150	-42.54	-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	-63.08	-13	-50.08	-65.47	2.4	4.79	Horizontal	Pass
1992.0	-54.83	-13	-41.83	-56.75	2.72	4.64	Horizontal	Pass
2656.0	-67.72	-13	-54.72	-70.78	3.1	6.16	Horizontal	Pass
1328.0	-63.84	-13	-50.84	-66.23	2.4	4.79	Vertical	Pass
1992.0	-55.14	-13	-42.14	-57.06	2.72	4.64	Vertical	Pass
2656.0	-67.31	-13	-54.31	-70.37	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	-70.13	-13	-57.13	-72.63	2.42	4.92	Horizontal	Pass
2022.0	-55.55	-13	-42.55	-57.48	2.74	4.67	Horizontal	Pass
2696.0	-67.91	-13	-54.91	-71.05	3.11	6.25	Horizontal	Pass
1348.0	-70.34	-13	-57.34	-72.84	2.42	4.92	Vertical	Pass
2022.0	-55.05	-13	-42.05	-56.98	2.74	4.67	Vertical	Pass
2696.0	-67.46	-13	-54.46	-70.6	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	-63.08	-13	-50.08	-65.63	2.43	4.98	Horizontal	Pass
2037.0	-56.39	-13	-43.39	-58.35	2.75	4.71	Horizontal	Pass
2716.0	-67.07	-13	-54.07	-70.26	3.11	6.3	Horizontal	Pass
1358.0	-66.67	-13	-53.67	-69.22	2.43	4.98	Vertical	Pass
2037.0	-57.11	-13	-44.11	-59.07	2.75	4.71	Vertical	Pass
2716.0	-67.09	-13	-54.09	-70.28	3.11	6.3	Vertical	Pass