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# Appendix B.19

## LTE Band 71



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t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

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1. Effective (Isotropic) Radiated Power Output Data

For report SUCR240400011301:

1.1 B71\_5MHz\_ERP (NPANT001)

1.1.1 Test Result

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	23.05	3.07	23.97	<=34.77	Pass	
			13	23.13	3.07	24.05	<=34.77	Pass	
			24	23.01	3.07	23.93	<=34.77	Pass	
		12	0	22.08	3.07	23	<=34.77	Pass	
			6	22.04	3.07	22.96	<=34.77	Pass	
			13	22.01	3.07	22.93	<=34.77	Pass	
	25	0	22.05	3.07	22.97	<=34.77	Pass		
	680.5	1	0	23.16	3.07	24.08	<=34.77	Pass	
			13	23.09	3.07	24.01	<=34.77	Pass	
			24	22.98	3.07	23.9	<=34.77	Pass	
		12	0	22.09	3.07	23.01	<=34.77	Pass	
			6	22.06	3.07	22.98	<=34.77	Pass	
			13	22.01	3.07	22.93	<=34.77	Pass	
	25	0	22.02	3.07	22.94	<=34.77	Pass		
	695.5	1	0	22.99	3.07	23.91	<=34.77	Pass	
			13	23.04	3.07	23.96	<=34.77	Pass	
			24	22.94	3.07	23.86	<=34.77	Pass	
		12	0	21.96	3.07	22.88	<=34.77	Pass	
			6	22.01	3.07	22.93	<=34.77	Pass	
			13	22.01	3.07	22.93	<=34.77	Pass	
	25	0	21.99	3.07	22.91	<=34.77	Pass		
	16QAM	665.5	1	0	22.11	3.07	23.03	<=34.77	Pass
				13	22.18	3.07	23.1	<=34.77	Pass
				24	22.01	3.07	22.93	<=34.77	Pass
12			0	21.06	3.07	21.98	<=34.77	Pass	
			6	21.09	3.07	22.01	<=34.77	Pass	
			13	21.04	3.07	21.96	<=34.77	Pass	
25		0	21.07	3.07	21.99	<=34.77	Pass		
680.5		1	0	22.26	3.07	23.18	<=34.77	Pass	
			13	22.21	3.07	23.13	<=34.77	Pass	
			24	22.05	3.07	22.97	<=34.77	Pass	
		12	0	21.16	3.07	22.08	<=34.77	Pass	
			6	21.10	3.07	22.02	<=34.77	Pass	
			13	21.03	3.07	21.95	<=34.77	Pass	
25		0	21.11	3.07	22.03	<=34.77	Pass		
695.5		1	0	22.18	3.07	23.1	<=34.77	Pass	
13			22.21	3.07	23.13	<=34.77	Pass		



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		24	22.05	3.07	22.97	<=34.77	Pass
	12	0	21.06	3.07	21.98	<=34.77	Pass
		6	21.10	3.07	22.02	<=34.77	Pass
		13	21.01	3.07	21.93	<=34.77	Pass
		25	0	20.99	3.07	21.91	<=34.77

Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.2 B71\_10MHz\_ERP

1.2.1 Test Result

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	23.01	3.07	23.93	<=34.77	Pass		
			25	23.00	3.07	23.92	<=34.77	Pass		
			49	23.00	3.07	23.92	<=34.77	Pass		
		25	0	22.16	3.07	23.08	<=34.77	Pass		
			13	22.19	3.07	23.11	<=34.77	Pass		
			25	22.15	3.07	23.07	<=34.77	Pass		
		50	0	22.21	3.07	23.13	<=34.77	Pass		
		680.5	1	0	23.10	3.07	24.02	<=34.77	Pass	
				25	23.03	3.07	23.95	<=34.77	Pass	
	49			22.91	3.07	23.83	<=34.77	Pass		
	25		0	22.13	3.07	23.05	<=34.77	Pass		
			13	22.09	3.07	23.01	<=34.77	Pass		
			25	22.00	3.07	22.92	<=34.77	Pass		
	50		0	22.08	3.07	23	<=34.77	Pass		
	693		1	0	22.99	3.07	23.91	<=34.77	Pass	
				25	22.90	3.07	23.82	<=34.77	Pass	
		49		22.89	3.07	23.81	<=34.77	Pass		
		25	0	22.06	3.07	22.98	<=34.77	Pass		
			13	22.01	3.07	22.93	<=34.77	Pass		
			25	21.96	3.07	22.88	<=34.77	Pass		
		50	0	22.01	3.07	22.93	<=34.77	Pass		
		16QAM	668	1	0	22.23	3.07	23.15	<=34.77	Pass
					25	22.16	3.07	23.08	<=34.77	Pass
	49				22.14	3.07	23.06	<=34.77	Pass	
25	0			21.12	3.07	22.04	<=34.77	Pass		
	13			21.22	3.07	22.14	<=34.77	Pass		
	25			21.12	3.07	22.04	<=34.77	Pass		
50	0			21.15	3.07	22.07	<=34.77	Pass		
680.5	1			0	21.96	3.07	22.88	<=34.77	Pass	
				25	21.92	3.07	22.84	<=34.77	Pass	
			49	21.80	3.07	22.72	<=34.77	Pass		
	25		0	21.16	3.07	22.08	<=34.77	Pass		
			13	21.11	3.07	22.03	<=34.77	Pass		
			25	21.02	3.07	21.94	<=34.77	Pass		
	50		0	21.07	3.07	21.99	<=34.77	Pass		
	693		1	0	22.14	3.07	23.06	<=34.77	Pass	
				25	22.18	3.07	23.1	<=34.77	Pass	
49				22.05	3.07	22.97	<=34.77	Pass		
25			0	21.04	3.07	21.96	<=34.77	Pass		
			13	21.04	3.07	21.96	<=34.77	Pass		
			25	21.00	3.07	21.92	<=34.77	Pass		
50			0	21.02	3.07	21.94	<=34.77	Pass		



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Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.3 B71\_15MHz\_ERP

1.3.1 Test Result

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	23.04	3.07	23.96	<=34.77	Pass		
			38	23.04	3.07	23.96	<=34.77	Pass		
			74	23.03	3.07	23.95	<=34.77	Pass		
		36	0	22.26	3.07	23.18	<=34.77	Pass		
			18	22.24	3.07	23.16	<=34.77	Pass		
			39	22.21	3.07	23.13	<=34.77	Pass		
		75	0	22.23	3.07	23.15	<=34.77	Pass		
		680.5	1	0	23.12	3.07	24.04	<=34.77	Pass	
				38	23.04	3.07	23.96	<=34.77	Pass	
	74			22.85	3.07	23.77	<=34.77	Pass		
	36		0	22.17	3.07	23.09	<=34.77	Pass		
			18	22.09	3.07	23.01	<=34.77	Pass		
			39	22.04	3.07	22.96	<=34.77	Pass		
	75		0	22.09	3.07	23.01	<=34.77	Pass		
	690.5		1	0	22.98	3.07	23.9	<=34.77	Pass	
				38	22.93	3.07	23.85	<=34.77	Pass	
		74		22.87	3.07	23.79	<=34.77	Pass		
		36	0	21.98	3.07	22.9	<=34.77	Pass		
			18	21.96	3.07	22.88	<=34.77	Pass		
			39	21.98	3.07	22.9	<=34.77	Pass		
		75	0	21.94	3.07	22.86	<=34.77	Pass		
		16QAM	670.5	1	0	22.22	3.07	23.14	<=34.77	Pass
					38	22.19	3.07	23.11	<=34.77	Pass
	74				22.29	3.07	23.21	<=34.77	Pass	
36	0			21.20	3.07	22.12	<=34.77	Pass		
	18			21.20	3.07	22.12	<=34.77	Pass		
	39			21.17	3.07	22.09	<=34.77	Pass		
75	0			21.13	3.07	22.05	<=34.77	Pass		
680.5	1			0	22.00	3.07	22.92	<=34.77	Pass	
				38	21.87	3.07	22.79	<=34.77	Pass	
			74	21.70	3.07	22.62	<=34.77	Pass		
	36		0	21.11	3.07	22.03	<=34.77	Pass		
			18	21.04	3.07	21.96	<=34.77	Pass		
			39	20.94	3.07	21.86	<=34.77	Pass		
	75		0	21.06	3.07	21.98	<=34.77	Pass		
	690.5		1	0	22.20	3.07	23.12	<=34.77	Pass	
				38	22.26	3.07	23.18	<=34.77	Pass	
74				22.15	3.07	23.07	<=34.77	Pass		
36			0	20.99	3.07	21.91	<=34.77	Pass		
			18	20.98	3.07	21.9	<=34.77	Pass		
			39	21.07	3.07	21.99	<=34.77	Pass		
75			0	20.93	3.07	21.85	<=34.77	Pass		



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Note1: ERP=Conducted Power+Antenna Gain-2.15



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1.4 B71\_20MHz\_ERP

1.4.1 Test Result

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	3.07	24.05	<=34.77	Pass		
			50	23.07	3.07	23.99	<=34.77	Pass		
			99	22.95	3.07	23.87	<=34.77	Pass		
		50	0	22.23	3.07	23.15	<=34.77	Pass		
			25	22.23	3.07	23.15	<=34.77	Pass		
			50	22.12	3.07	23.04	<=34.77	Pass		
		100	0	21.92	3.07	22.84	<=34.77	Pass		
		683	1	0	22.98	3.07	23.9	<=34.77	Pass	
				50	22.83	3.07	23.75	<=34.77	Pass	
	99			22.81	3.07	23.73	<=34.77	Pass		
	50		0	22.13	3.07	23.05	<=34.77	Pass		
			25	22.05	3.07	22.97	<=34.77	Pass		
			50	21.94	3.07	22.86	<=34.77	Pass		
	100		0	22.04	3.07	22.96	<=34.77	Pass		
	688		1	0	23.06	3.07	23.98	<=34.77	Pass	
				50	22.99	3.07	23.91	<=34.77	Pass	
		99		22.91	3.07	23.83	<=34.77	Pass		
		50	0	22.00	3.07	22.92	<=34.77	Pass		
			25	21.94	3.07	22.86	<=34.77	Pass		
			50	21.98	3.07	22.9	<=34.77	Pass		
		100	0	21.98	3.07	22.9	<=34.77	Pass		
		16QAM	673	1	0	22.27	3.07	23.19	<=34.77	Pass
					50	22.19	3.07	23.11	<=34.77	Pass
	99				22.08	3.07	23	<=34.77	Pass	
50	0			21.17	3.07	22.09	<=34.77	Pass		
	25			21.23	3.07	22.15	<=34.77	Pass		
	50			21.13	3.07	22.05	<=34.77	Pass		
100	0			21.17	3.07	22.09	<=34.77	Pass		
683	1			0	22.16	3.07	23.08	<=34.77	Pass	
				50	21.96	3.07	22.88	<=34.77	Pass	
			99	21.98	3.07	22.9	<=34.77	Pass		
	50		0	21.23	3.07	22.15	<=34.77	Pass		
			25	21.08	3.07	22	<=34.77	Pass		
			50	20.98	3.07	21.9	<=34.77	Pass		
	100		0	21.04	3.07	21.96	<=34.77	Pass		
	688		1	0	22.23	3.07	23.15	<=34.77	Pass	
				50	22.03	3.07	22.95	<=34.77	Pass	
99				21.96	3.07	22.88	<=34.77	Pass		
50			0	21.05	3.07	21.97	<=34.77	Pass		
			25	20.94	3.07	21.86	<=34.77	Pass		
			50	21.03	3.07	21.95	<=34.77	Pass		
100			0	20.95	3.07	21.87	<=34.77	Pass		



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Note1: ERP=Conducted Power+Antenna Gain-2.15



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For report SUCR240500014801:

1.5 B71\_5MHz\_ERP(NPANT001)

1.5.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	665.5	1	0	22.67	3.07	23.59	<=34.77	Pass		
			13	22.72	3.07	23.64	<=34.77	Pass		
			24	22.59	3.07	23.51	<=34.77	Pass		
		12	0	21.69	3.07	22.61	<=34.77	Pass		
			6	21.74	3.07	22.66	<=34.77	Pass		
			13	21.69	3.07	22.61	<=34.77	Pass		
		25	0	21.71	3.07	22.63	<=34.77	Pass		
		680.5	1	0	22.69	3.07	23.61	<=34.77	Pass	
				13	22.73	3.07	23.65	<=34.77	Pass	
	24			22.59	3.07	23.51	<=34.77	Pass		
	12		0	21.74	3.07	22.66	<=34.77	Pass		
			6	21.76	3.07	22.68	<=34.77	Pass		
			13	21.68	3.07	22.60	<=34.77	Pass		
	25		0	21.75	3.07	22.67	<=34.77	Pass		
	695.5		1	0	22.64	3.07	23.56	<=34.77	Pass	
				13	22.74	3.07	23.66	<=34.77	Pass	
		24		22.64	3.07	23.56	<=34.77	Pass		
		12	0	21.74	3.07	22.66	<=34.77	Pass		
			6	21.75	3.07	22.67	<=34.77	Pass		
			13	21.70	3.07	22.62	<=34.77	Pass		
		25	0	21.74	3.07	22.66	<=34.77	Pass		
		16QAM	665.5	1	0	21.78	3.07	22.70	<=34.77	Pass
					13	21.87	3.07	22.79	<=34.77	Pass
	24				21.69	3.07	22.61	<=34.77	Pass	
12	0			20.72	3.07	21.64	<=34.77	Pass		
	6			20.78	3.07	21.70	<=34.77	Pass		
	13			20.67	3.07	21.59	<=34.77	Pass		
25	0			20.69	3.07	21.61	<=34.77	Pass		
680.5	1			0	22.16	3.07	23.08	<=34.77	Pass	
				13	22.20	3.07	23.12	<=34.77	Pass	
			24	22.02	3.07	22.94	<=34.77	Pass		
	12		0	20.77	3.07	21.69	<=34.77	Pass		
			6	20.79	3.07	21.71	<=34.77	Pass		
			13	20.72	3.07	21.64	<=34.77	Pass		
25	0		20.75	3.07	21.67	<=34.77	Pass			
695.5	1		0	21.66	3.07	22.58	<=34.77	Pass		
			13	21.70	3.07	22.62	<=34.77	Pass		



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		24	21.57	3.07	22.49	<=34.77	Pass
		0	20.83	3.07	21.75	<=34.77	Pass
	12	6	20.84	3.07	21.76	<=34.77	Pass
		13	20.77	3.07	21.69	<=34.77	Pass
	25	0	20.85	3.07	21.77	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

## 1.6 B71\_10MHz\_ERP

### 1.6.1 Test Result

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	22.66	3.07	23.58	<=34.77	Pass	
			25	22.66	3.07	23.58	<=34.77	Pass	
			49	22.56	3.07	23.48	<=34.77	Pass	
		25	0	21.75	3.07	22.67	<=34.77	Pass	
			13	21.73	3.07	22.65	<=34.77	Pass	
			25	21.71	3.07	22.63	<=34.77	Pass	
		50	0	21.74	3.07	22.66	<=34.77	Pass	
		680.5	1	0	22.79	3.07	23.71	<=34.77	Pass
				25	22.72	3.07	23.64	<=34.77	Pass
	49			22.67	3.07	23.59	<=34.77	Pass	
	25		0	21.79	3.07	22.71	<=34.77	Pass	
			13	21.77	3.07	22.69	<=34.77	Pass	
			25	21.69	3.07	22.61	<=34.77	Pass	
	50	0	21.71	3.07	22.63	<=34.77	Pass		
	693	1	0	22.74	3.07	23.66	<=34.77	Pass	
			25	22.72	3.07	23.64	<=34.77	Pass	
			49	22.68	3.07	23.60	<=34.77	Pass	
		25	0	21.74	3.07	22.66	<=34.77	Pass	
			13	21.77	3.07	22.69	<=34.77	Pass	
			25	21.73	3.07	22.65	<=34.77	Pass	
	50	0	21.74	3.07	22.66	<=34.77	Pass		
	16QAM	668	1	0	21.75	3.07	22.67	<=34.77	Pass
				25	21.67	3.07	22.59	<=34.77	Pass
				49	21.64	3.07	22.56	<=34.77	Pass
25			0	20.78	3.07	21.70	<=34.77	Pass	
			13	20.79	3.07	21.71	<=34.77	Pass	
			25	20.75	3.07	21.67	<=34.77	Pass	
50		0	20.74	3.07	21.66	<=34.77	Pass		
680.5		1	0	21.75	3.07	22.67	<=34.77	Pass	
			25	21.65	3.07	22.57	<=34.77	Pass	
			49	21.52	3.07	22.44	<=34.77	Pass	
		25	0	20.86	3.07	21.78	<=34.77	Pass	
			13	20.84	3.07	21.76	<=34.77	Pass	
			25	20.78	3.07	21.70	<=34.77	Pass	



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693	50	0	20.75	3.07	21.67	<=34.77	Pass	
		1	0	22.08	3.07	23.00	<=34.77	Pass
			25	22.10	3.07	23.02	<=34.77	Pass
	25	49	22.02	3.07	22.94	<=34.77	Pass	
		0	20.78	3.07	21.70	<=34.77	Pass	
		13	20.82	3.07	21.74	<=34.77	Pass	
	50	25	20.77	3.07	21.69	<=34.77	Pass	
		0	20.80	3.07	21.72	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.7 B71\_15MHz\_ERP

#### 1.7.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	670.5	1	0	22.70	3.07	23.62	<=34.77	Pass		
			38	22.63	3.07	23.55	<=34.77	Pass		
			74	22.65	3.07	23.57	<=34.77	Pass		
		36	0	21.73	3.07	22.65	<=34.77	Pass		
			18	21.88	3.07	22.80	<=34.77	Pass		
			39	21.80	3.07	22.72	<=34.77	Pass		
		75	0	21.84	3.07	22.76	<=34.77	Pass		
		680.5	1	0	22.82	3.07	23.74	<=34.77	Pass	
				38	22.72	3.07	23.64	<=34.77	Pass	
	74			22.65	3.07	23.57	<=34.77	Pass		
	36		0	21.71	3.07	22.63	<=34.77	Pass		
			18	21.70	3.07	22.62	<=34.77	Pass		
			39	21.66	3.07	22.58	<=34.77	Pass		
	75	0	21.76	3.07	22.68	<=34.77	Pass			
	690.5	1	0	22.67	3.07	23.59	<=34.77	Pass		
			38	22.66	3.07	23.58	<=34.77	Pass		
			74	22.62	3.07	23.54	<=34.77	Pass		
		36	0	21.70	3.07	22.62	<=34.77	Pass		
			18	21.66	3.07	22.58	<=34.77	Pass		
			39	21.67	3.07	22.59	<=34.77	Pass		
		75	0	21.65	3.07	22.57	<=34.77	Pass		
		16QAM	670.5	1	0	21.74	3.07	22.66	<=34.77	Pass
					38	21.66	3.07	22.58	<=34.77	Pass
	74				21.78	3.07	22.70	<=34.77	Pass	
36	0			20.68	3.07	21.60	<=34.77	Pass		
	18			20.86	3.07	21.78	<=34.77	Pass		
	39			20.74	3.07	21.66	<=34.77	Pass		
75	0		20.79	3.07	21.71	<=34.77	Pass			
680.5	1		0	21.75	3.07	22.67	<=34.77	Pass		
			38	21.64	3.07	22.56	<=34.77	Pass		
			74	21.49	3.07	22.41	<=34.77	Pass		



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	690.5	36	0	20.74	3.07	21.66	<=34.77	Pass	
			18	20.73	3.07	21.65	<=34.77	Pass	
			39	20.65	3.07	21.57	<=34.77	Pass	
		75	0	20.70	3.07	21.62	<=34.77	Pass	
			1	0	21.64	3.07	22.56	<=34.77	Pass
				38	21.69	3.07	22.61	<=34.77	Pass
	36	74	0	20.65	3.07	21.57	<=34.77	Pass	
			18	20.71	3.07	21.63	<=34.77	Pass	
			39	20.70	3.07	21.62	<=34.77	Pass	
		75	0	20.70	3.07	21.62	<=34.77	Pass	

Note1: ERP=Conducted Power+Antenna Gain-2.15

### 1.8 B71\_20MHz\_ERP

#### 1.8.1 Test Result

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	22.71	3.07	23.63	<=34.77	Pass		
			50	22.73	3.07	23.65	<=34.77	Pass		
			99	22.59	3.07	23.51	<=34.77	Pass		
		50	0	21.83	3.07	22.75	<=34.77	Pass		
			25	21.83	3.07	22.75	<=34.77	Pass		
			50	21.75	3.07	22.67	<=34.77	Pass		
		100	0	21.83	3.07	22.75	<=34.77	Pass		
		683	1	0	22.80	3.07	23.72	<=34.77	Pass	
				50	22.66	3.07	23.58	<=34.77	Pass	
				99	22.66	3.07	23.58	<=34.77	Pass	
			50	0	21.78	3.07	22.70	<=34.77	Pass	
				25	21.72	3.07	22.64	<=34.77	Pass	
	50			21.67	3.07	22.59	<=34.77	Pass		
	100	0	21.70	3.07	22.62	<=34.77	Pass			
	688	1	0	22.74	3.07	23.66	<=34.77	Pass		
			50	22.64	3.07	23.56	<=34.77	Pass		
			99	22.58	3.07	23.50	<=34.77	Pass		
		50	0	21.73	3.07	22.65	<=34.77	Pass		
			25	21.67	3.07	22.59	<=34.77	Pass		
			50	21.70	3.07	22.62	<=34.77	Pass		
		100	0	21.64	3.07	22.56	<=34.77	Pass		
		16QAM	673	1	0	22.19	3.07	23.11	<=34.77	Pass
					50	22.18	3.07	23.10	<=34.77	Pass
					99	22.06	3.07	22.98	<=34.77	Pass
50				0	20.83	3.07	21.75	<=34.77	Pass	
				25	20.85	3.07	21.77	<=34.77	Pass	
	50			20.77	3.07	21.69	<=34.77	Pass		
100	0			20.77	3.07	21.69	<=34.77	Pass		



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	683	1	0	21.69	3.07	22.61	<=34.77	Pass	
			50	21.54	3.07	22.46	<=34.77	Pass	
			99	21.53	3.07	22.45	<=34.77	Pass	
		50	0	20.78	3.07	21.70	<=34.77	Pass	
			25	20.76	3.07	21.68	<=34.77	Pass	
			50	20.70	3.07	21.62	<=34.77	Pass	
		100	0	20.73	3.07	21.65	<=34.77	Pass	
		688	1	0	21.84	3.07	22.76	<=34.77	Pass
				50	21.70	3.07	22.62	<=34.77	Pass
	99			21.64	3.07	22.56	<=34.77	Pass	
	50		0	20.67	3.07	21.59	<=34.77	Pass	
			25	20.69	3.07	21.61	<=34.77	Pass	
			50	20.70	3.07	21.62	<=34.77	Pass	
	100	0	20.69	3.07	21.61	<=34.77	Pass		

Note1: ERP=Conducted Power+Antenna Gain-2.15



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## 2. Frequency Stability

### 2.4 B71\_20MHz

#### 2.4.1 Test Result

Band: 71 / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	673	100	0	20	3.135	-2.518	-0.0037	/	Pass	
					3.7	-7.237	-0.0108	/	Pass	
					4.4	-2.269	-0.0034	/	Pass	
				-30	3.7	-4.565	-0.0068	/	Pass	
					-20	3.7	-2.034	-0.0030	/	Pass
					-10	3.7	-3.941	-0.0059	/	Pass
				0	0	3.7	-0.459	-0.0007	/	Pass
					10	3.7	-3.066	-0.0046	/	Pass
					30	3.7	-0.691	-0.0010	/	Pass
	40	3.7	-4.193		-0.0062	/	Pass			
	50	3.7	-5.368		-0.0080	/	Pass			
	683	100	0		20	3.135	-1.933	-0.0028	/	Pass
				3.7		0.150	0.0002	/	Pass	
				4.4		2.703	0.0040	/	Pass	
				-30	3.7	-0.270	-0.0004	/	Pass	
					-20	3.7	-0.011	0.0000	/	Pass
					-10	3.7	0.111	0.0002	/	Pass
				0	0	3.7	0.448	0.0007	/	Pass
					10	3.7	2.754	0.0040	/	Pass
					30	3.7	-2.492	-0.0036	/	Pass
	40	3.7	-2.602		-0.0038	/	Pass			
	50	3.7	-1.482		-0.0022	/	Pass			
	688	100	0		20	3.135	-0.048	-0.0001	/	Pass
				3.7		1.771	0.0026	/	Pass	
				4.4		1.812	0.0026	/	Pass	
				-30	3.7	-1.687	-0.0025	/	Pass	
					-20	3.7	-1.250	-0.0018	/	Pass
-10					3.7	0.906	0.0013	/	Pass	
0				0	3.7	0.750	0.0011	/	Pass	
				10	3.7	2.115	0.0031	/	Pass	
				30	3.7	-2.458	-0.0036	/	Pass	
	40	3.7	0.667	0.0010	/	Pass				
	50	3.7	-3.225	-0.0047	/	Pass				
	16QAM	673	100	0	20	3.135	-2.794	-0.0042	/	Pass
3.7						-5.326	-0.0079	/	Pass	
4.4						-3.918	-0.0058	/	Pass	
-30					3.7	-4.230	-0.0063	/	Pass	



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				-20	3.7	-3.413	-0.0051	/	Pass
				-10	3.7	-1.741	-0.0026	/	Pass
				0	3.7	-3.371	-0.0050	/	Pass
				10	3.7	-1.074	-0.0016	/	Pass
				30	3.7	-1.829	-0.0027	/	Pass
				40	3.7	-0.674	-0.0010	/	Pass
				50	3.7	-3.868	-0.0057	/	Pass
	683	100	0	20	3.135	0.443	0.0006	/	Pass
3.7					-2.010	-0.0029	/	Pass	
4.4					-2.412	-0.0035	/	Pass	
-30				3.7	-1.285	-0.0019	/	Pass	
-20				3.7	-3.997	-0.0059	/	Pass	
-10				3.7	-1.777	-0.0026	/	Pass	
0				3.7	0.836	0.0012	/	Pass	
10				3.7	-1.641	-0.0024	/	Pass	
30				3.7	0.456	0.0007	/	Pass	
40				3.7	3.468	0.0051	/	Pass	
50	3.7	-1.737	-0.0025	/	Pass				
	688	100	0	20	3.135	0.926	0.0013	/	Pass
3.7					-3.834	-0.0056	/	Pass	
4.4					-3.610	-0.0052	/	Pass	
-30				3.7	-2.139	-0.0031	/	Pass	
-20				3.7	-1.620	-0.0024	/	Pass	
-10				3.7	-1.670	-0.0024	/	Pass	
0				3.7	-1.266	-0.0018	/	Pass	
10				3.7	-4.588	-0.0067	/	Pass	
30				3.7	1.609	0.0023	/	Pass	
40				3.7	-1.443	-0.0021	/	Pass	
50	3.7	-2.383	-0.0035	/	Pass				



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3. 99% & 26dB Bandwidth

3.1 Band71\_OBW

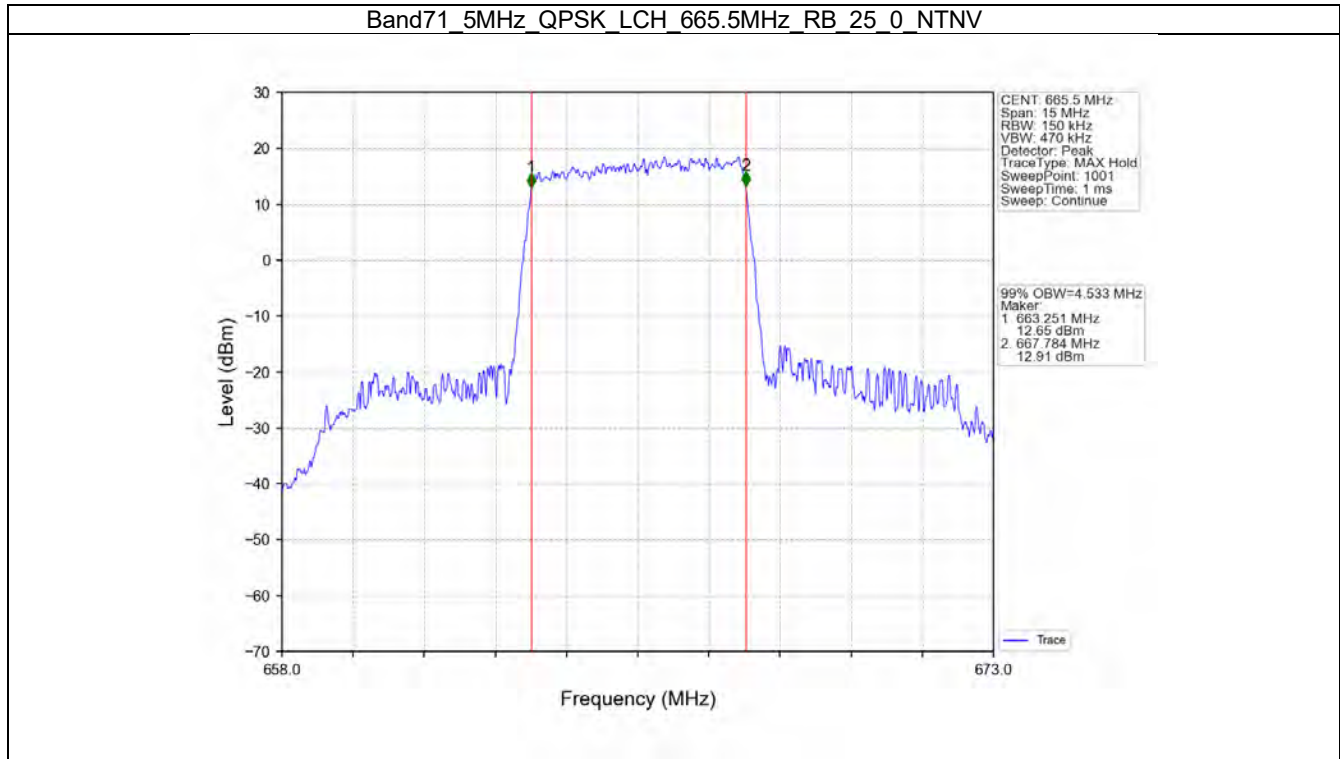
3.1.1 Test Result

Table with columns: Bandwidth (MHz), Modulation, Frequency (MHz), RB Allocation (Size, Offset), 99% Occupied Bandwidth (MHz) (Result, Limit), and Verdict. Data rows for 5, 10, 15, and 20 MHz bandwidths.



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3.1.2 Test Graph



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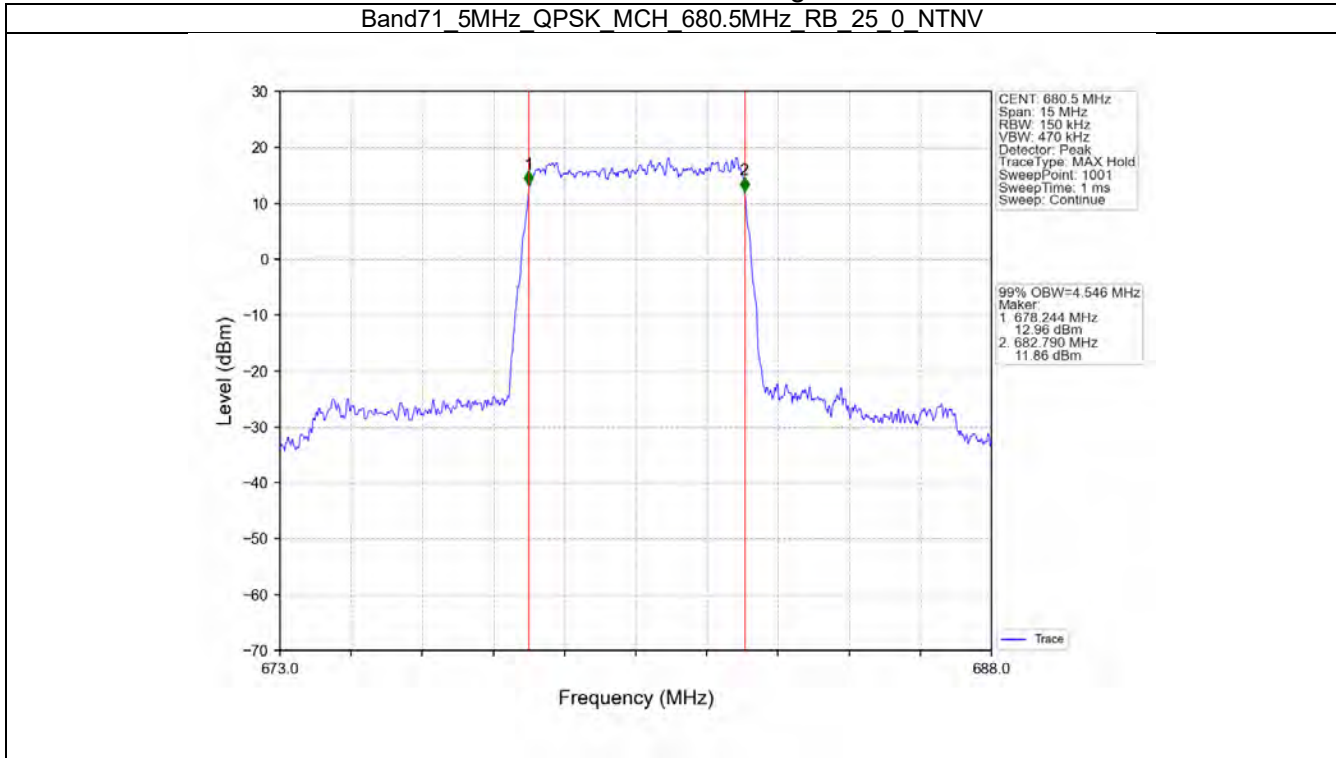
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Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



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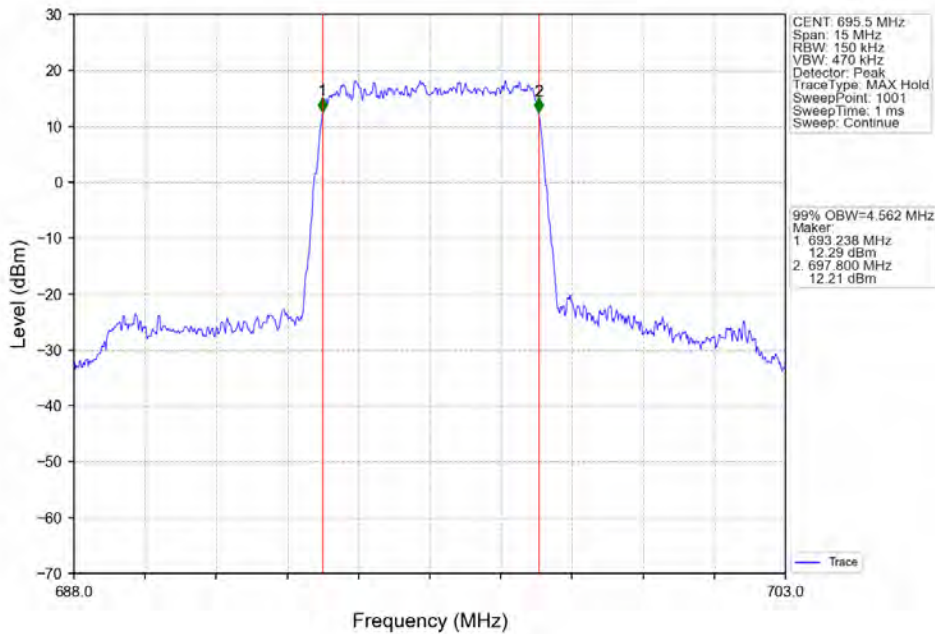
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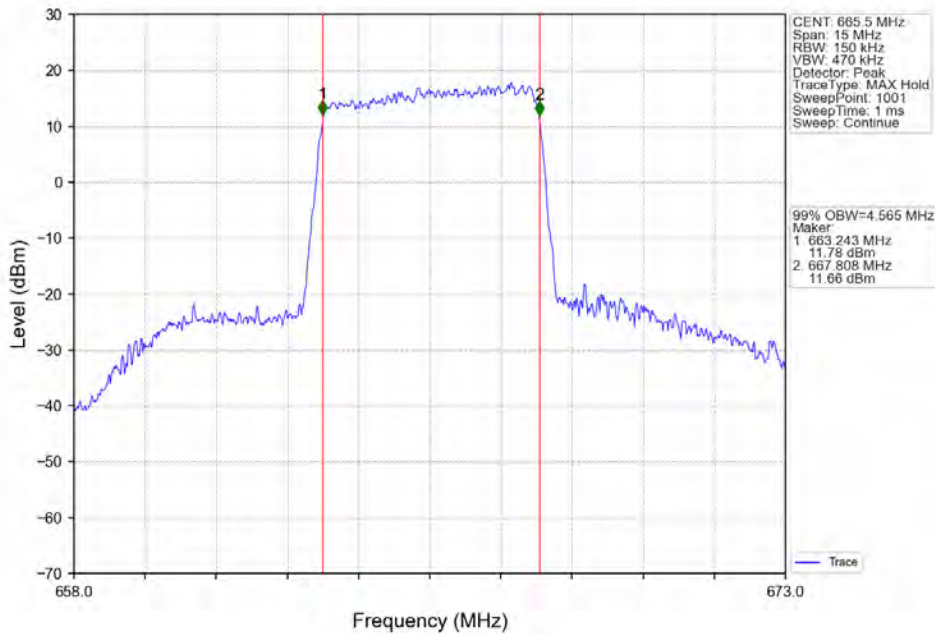
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Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



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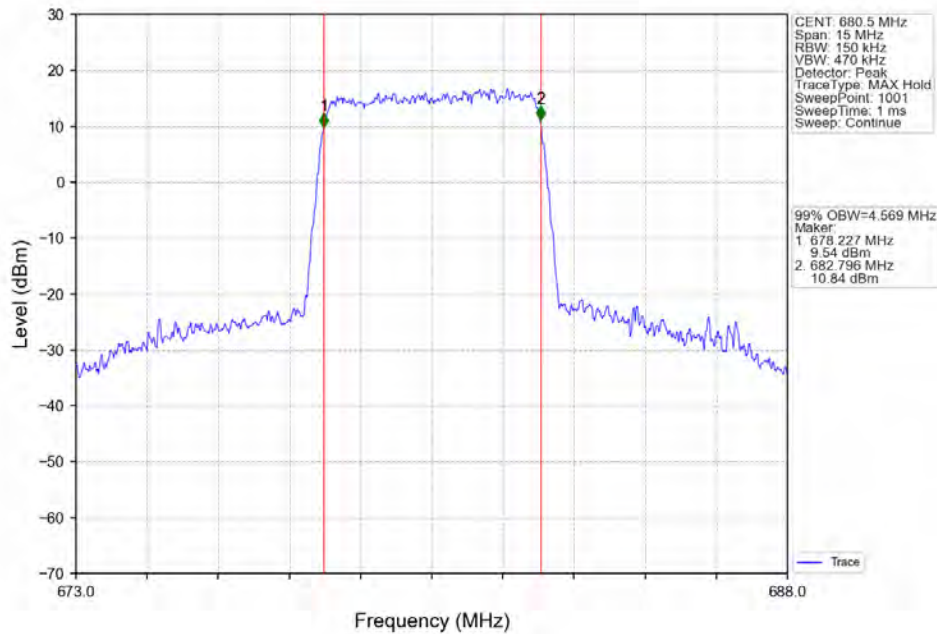
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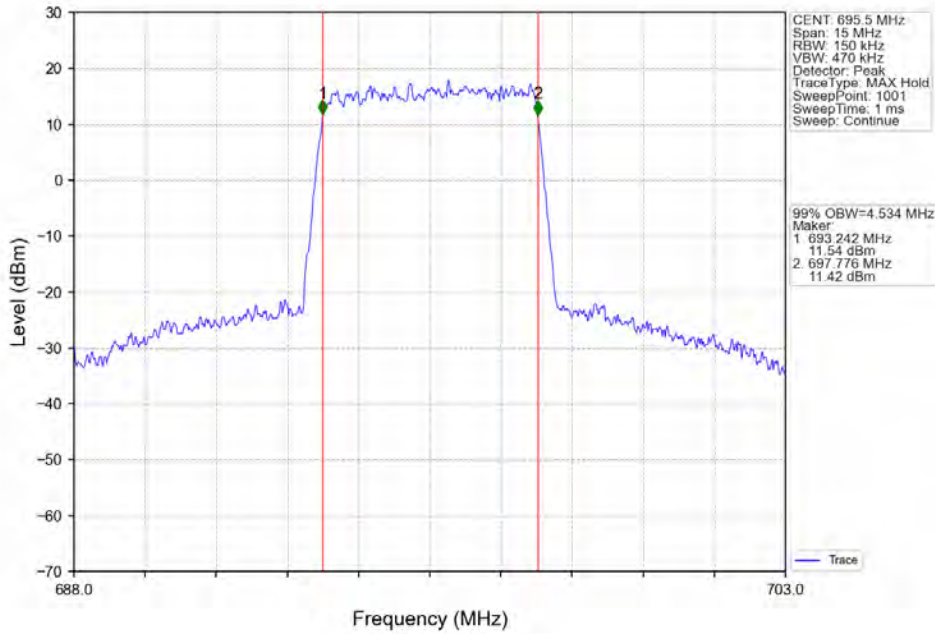
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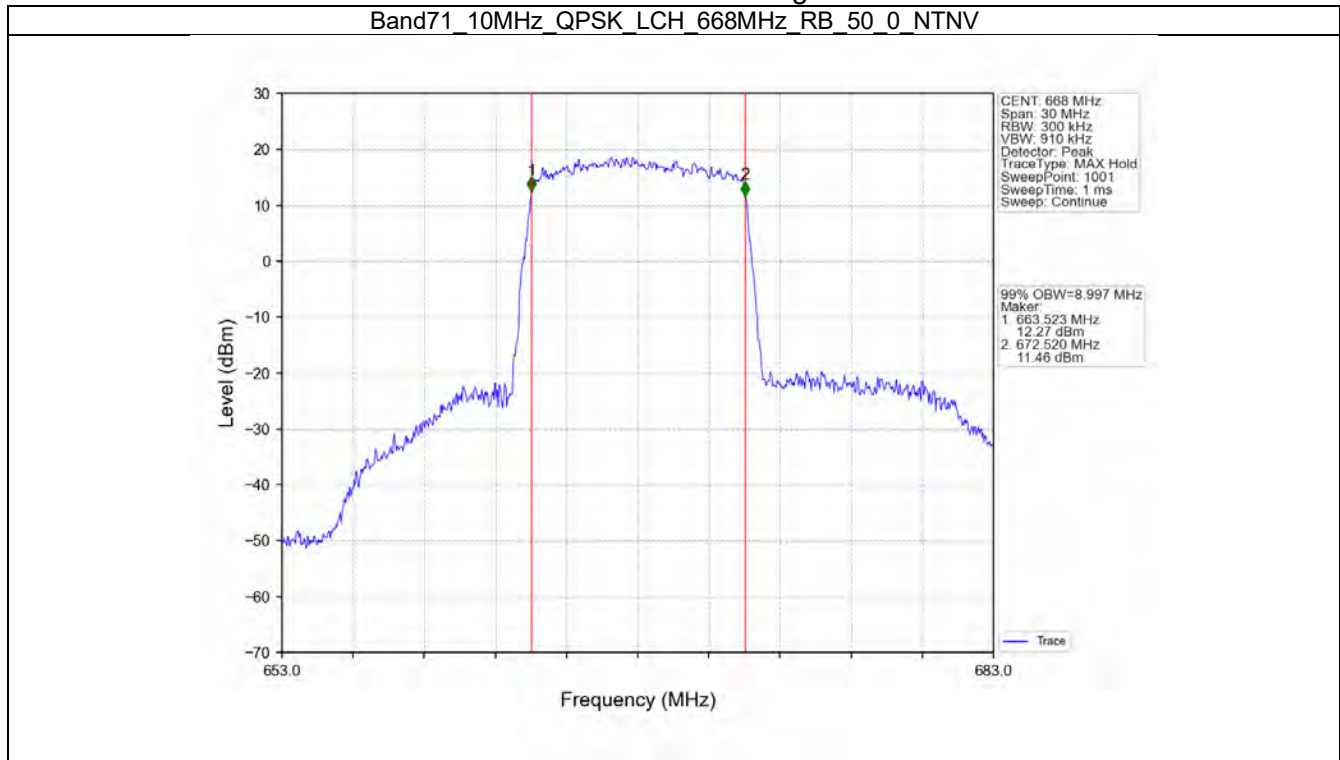


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Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



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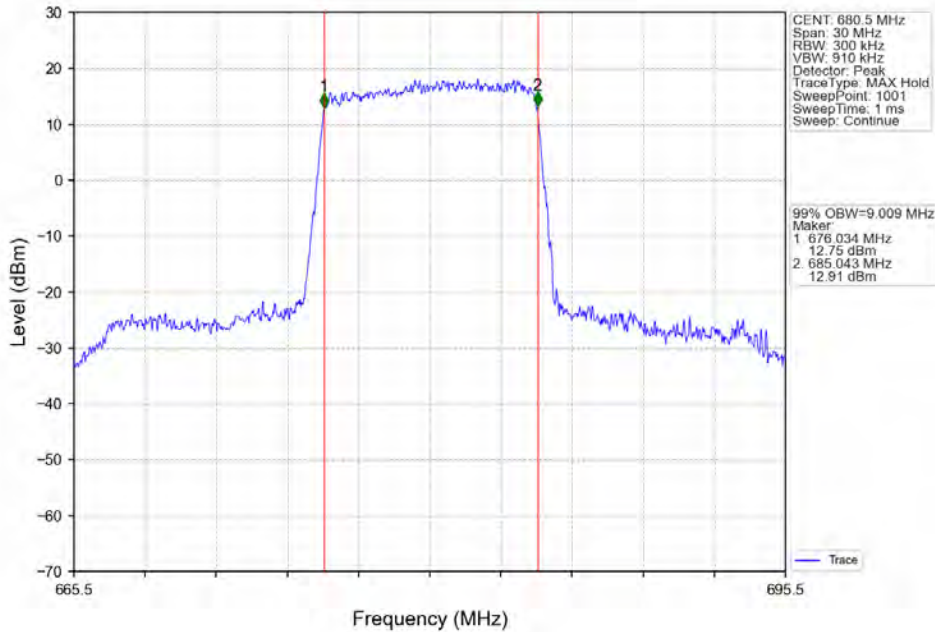
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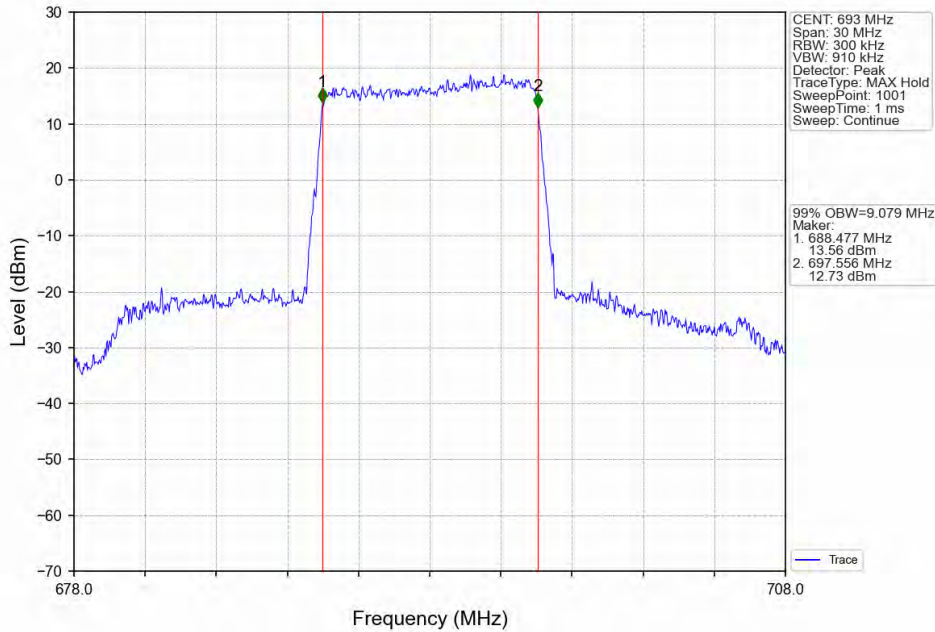
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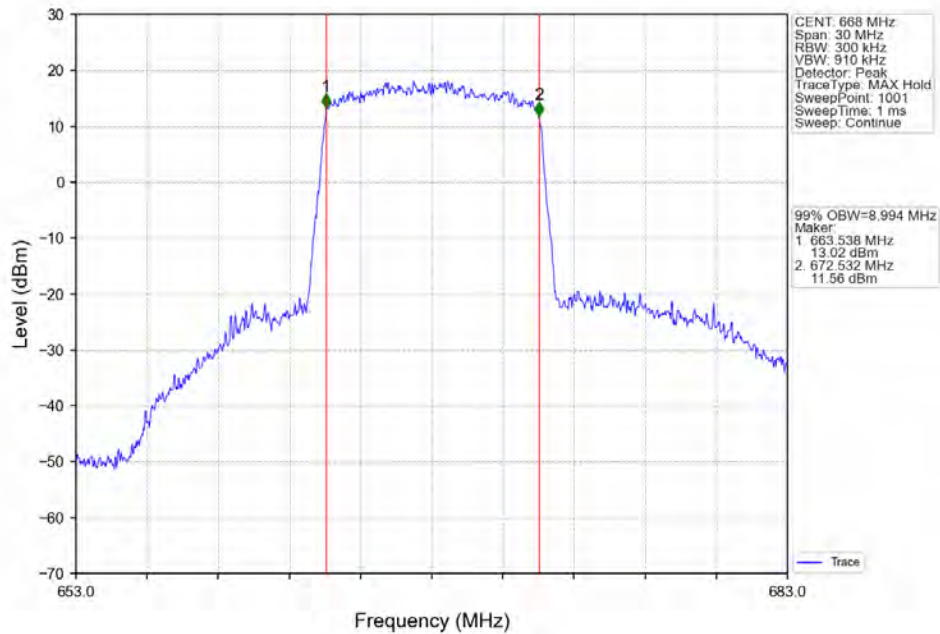
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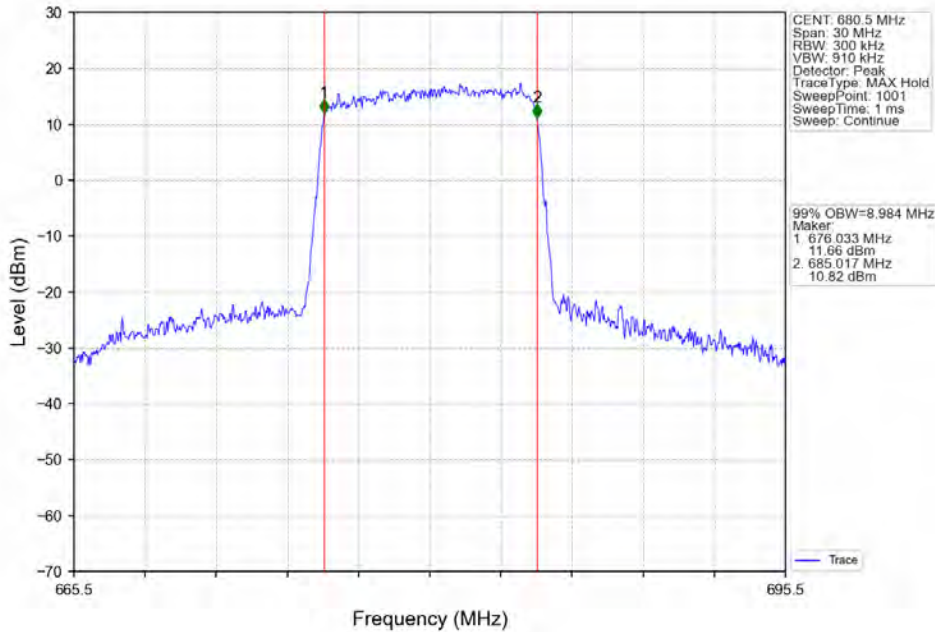


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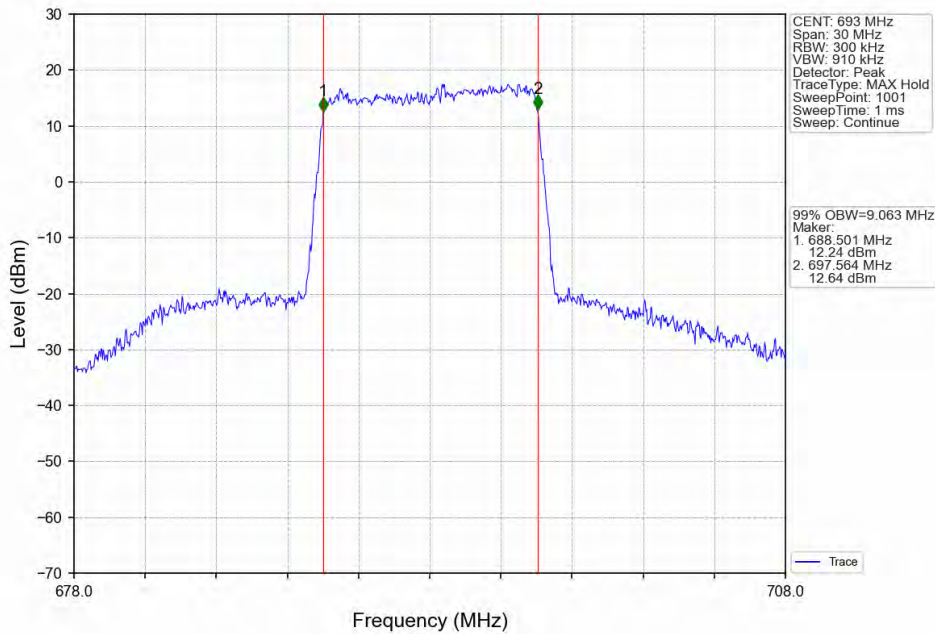
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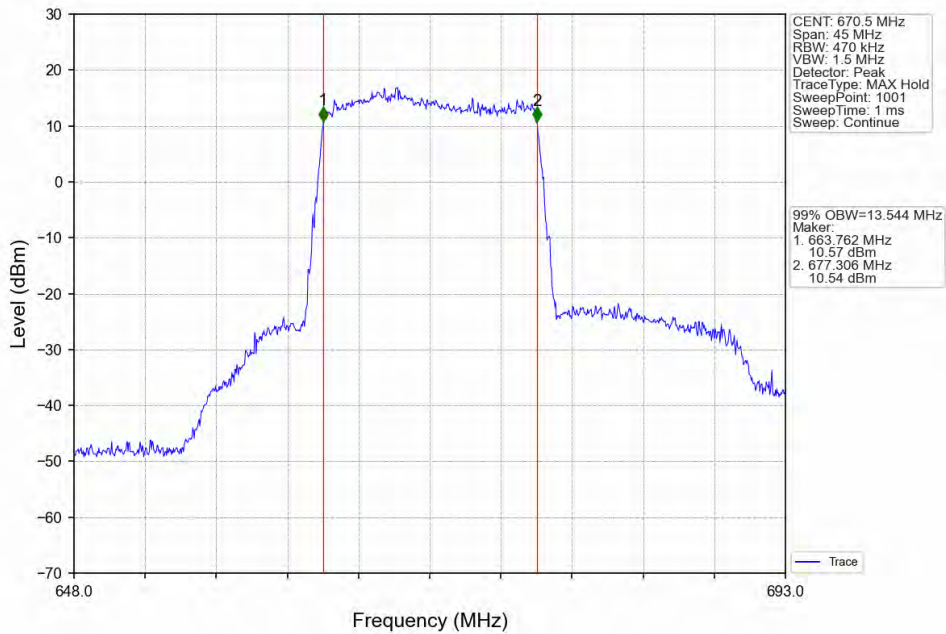
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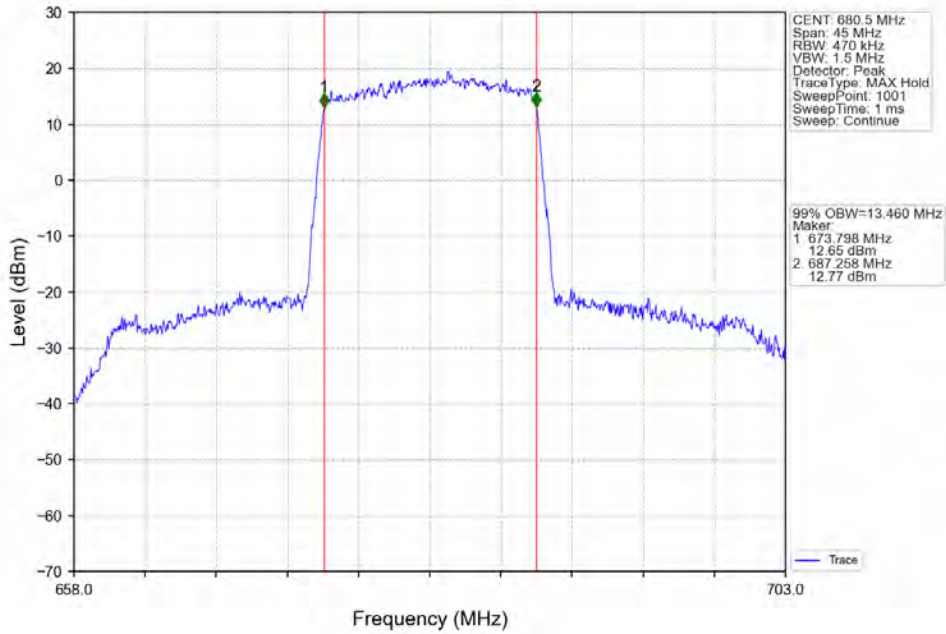
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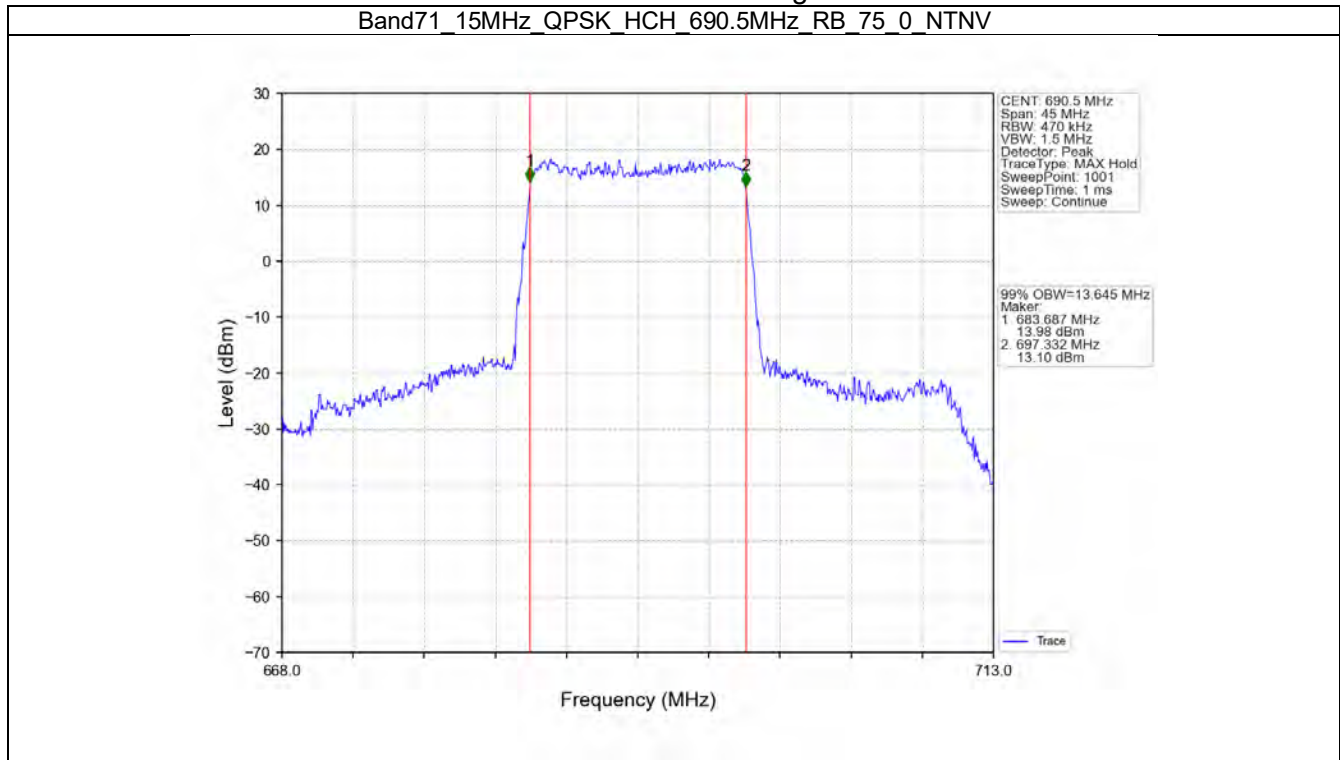
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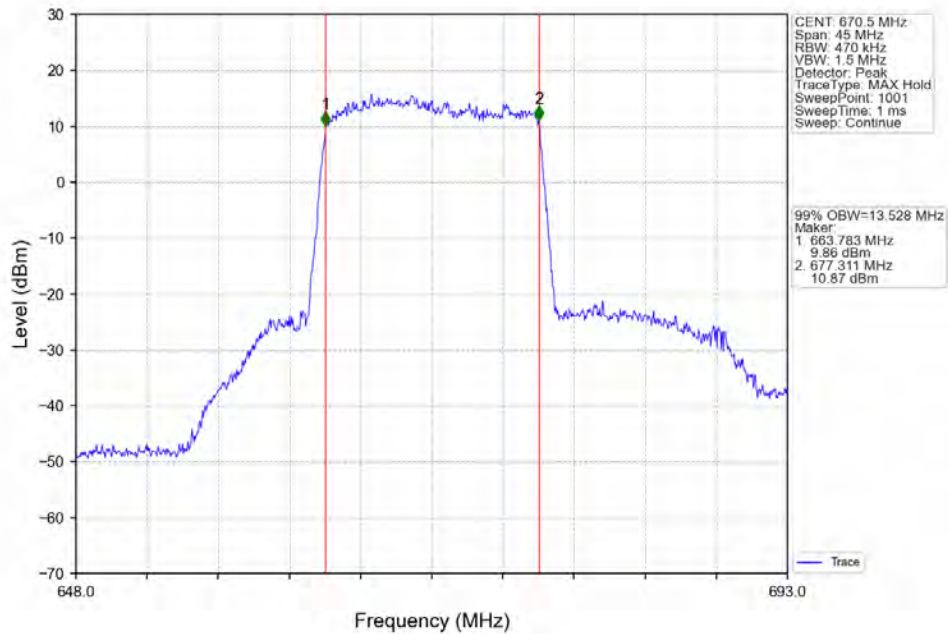
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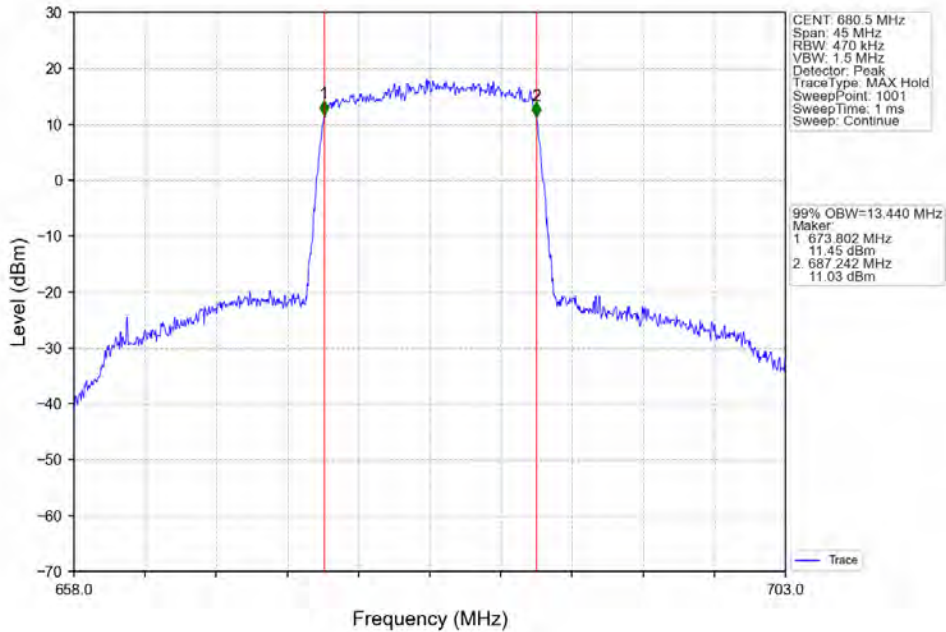
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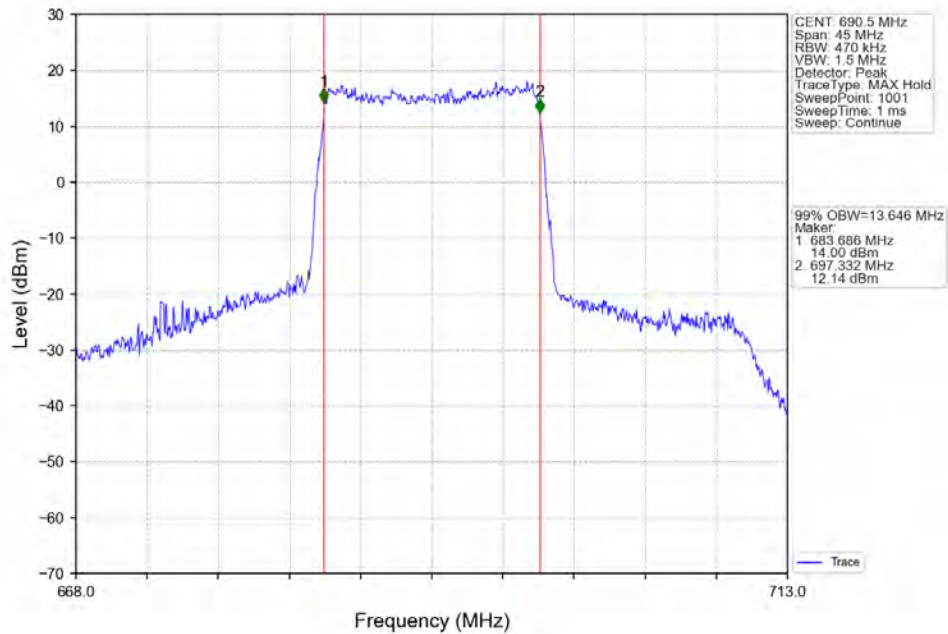
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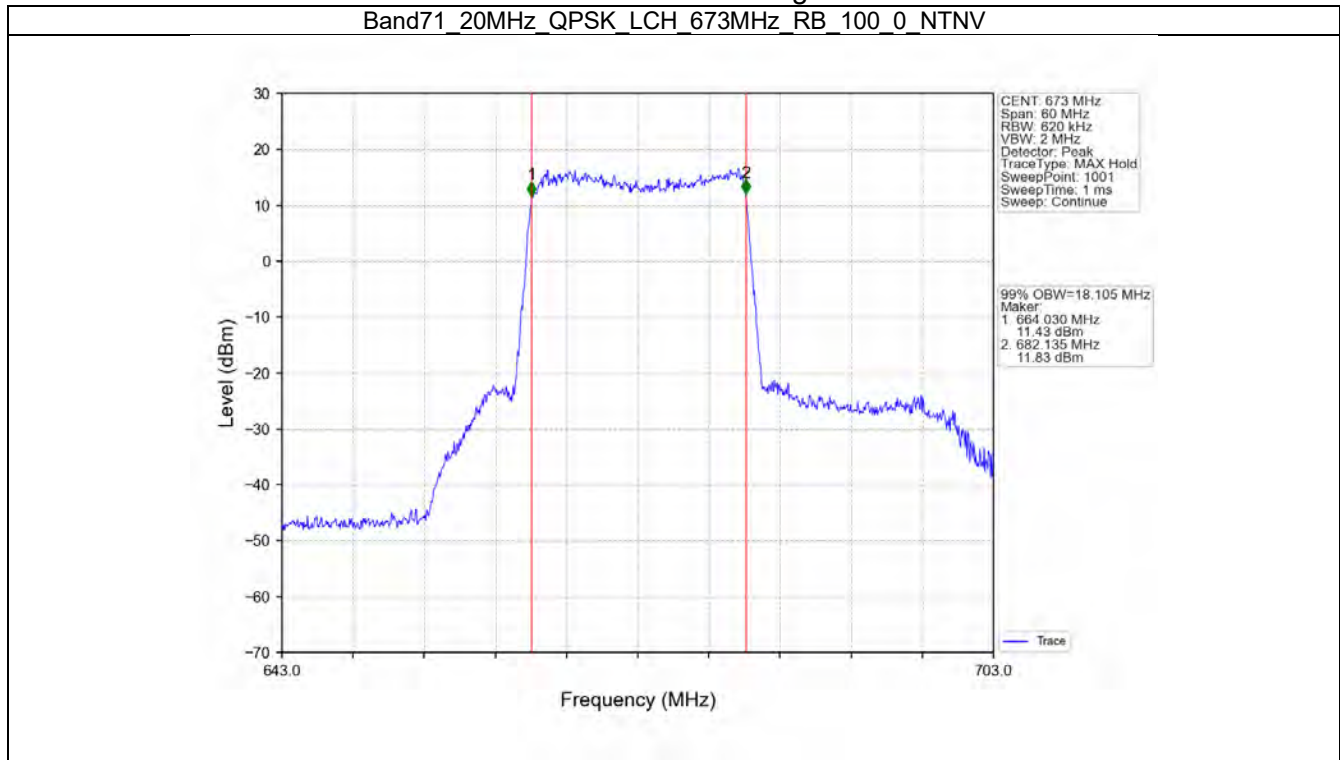


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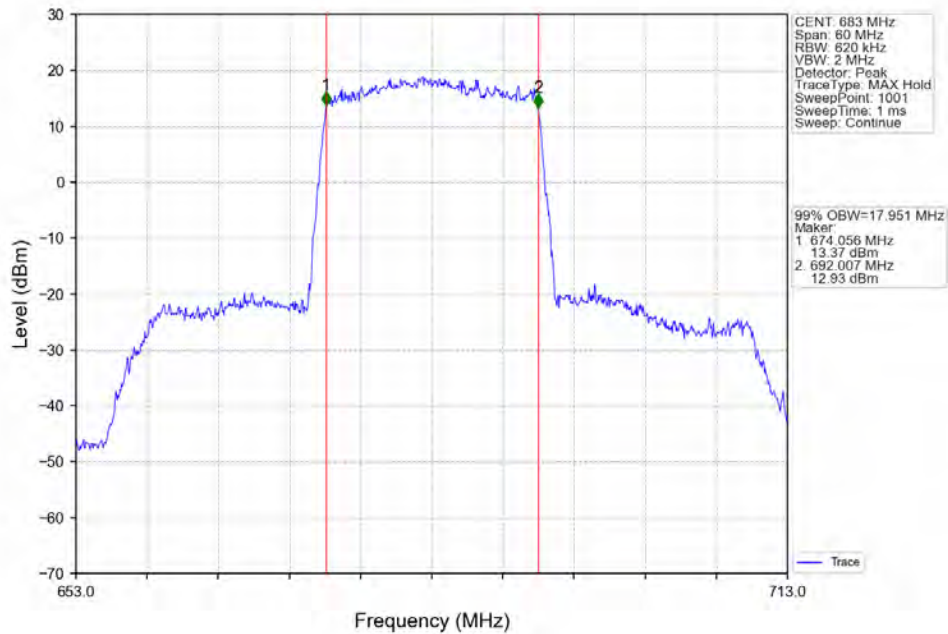
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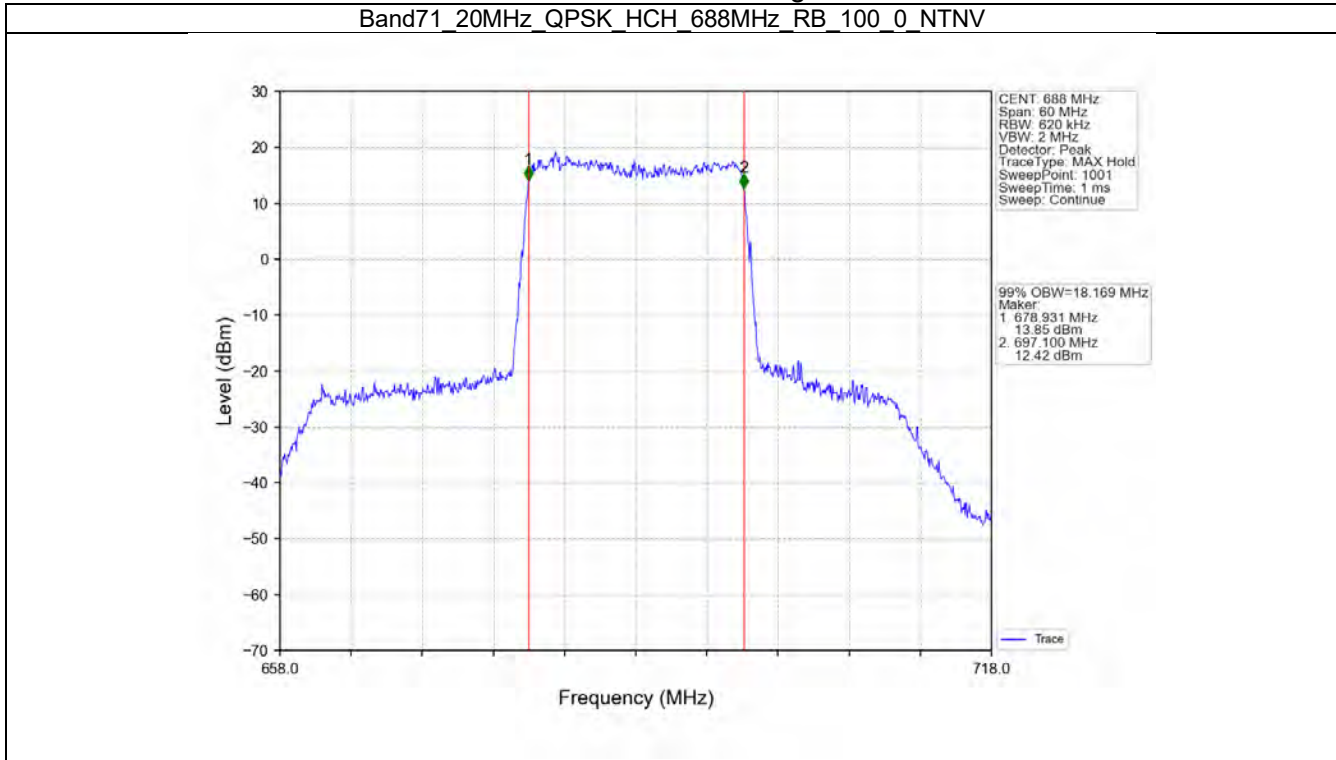
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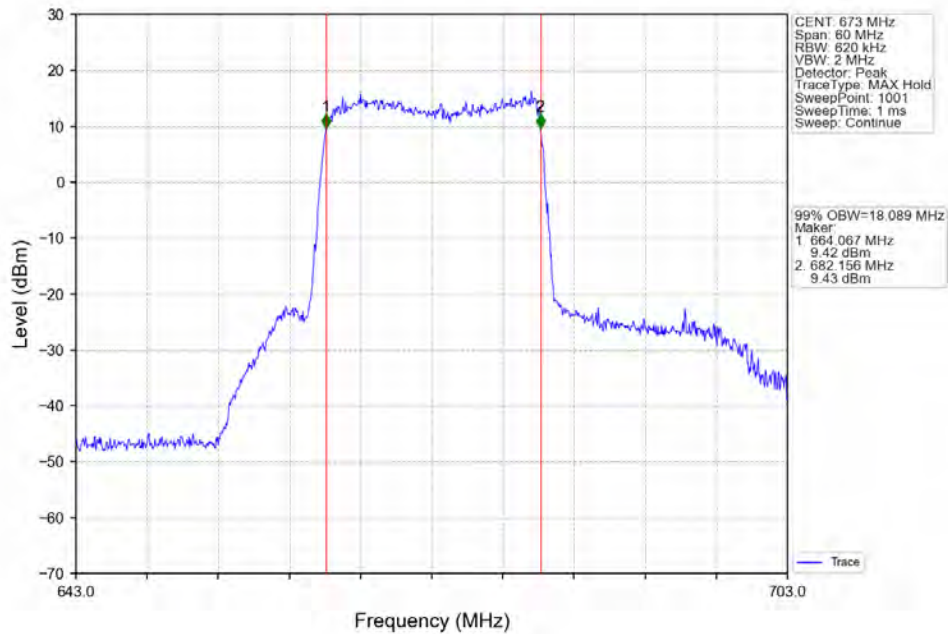
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Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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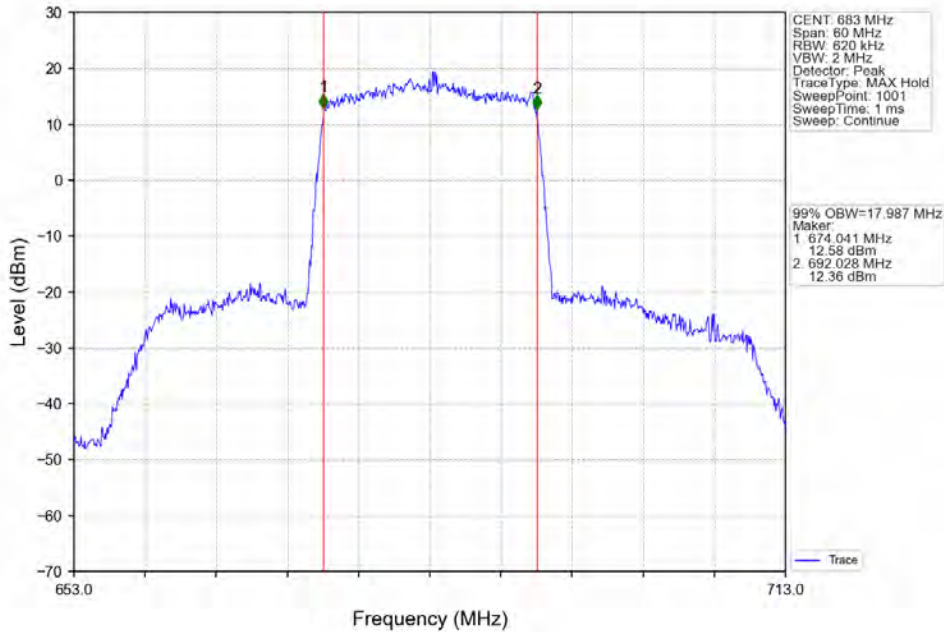
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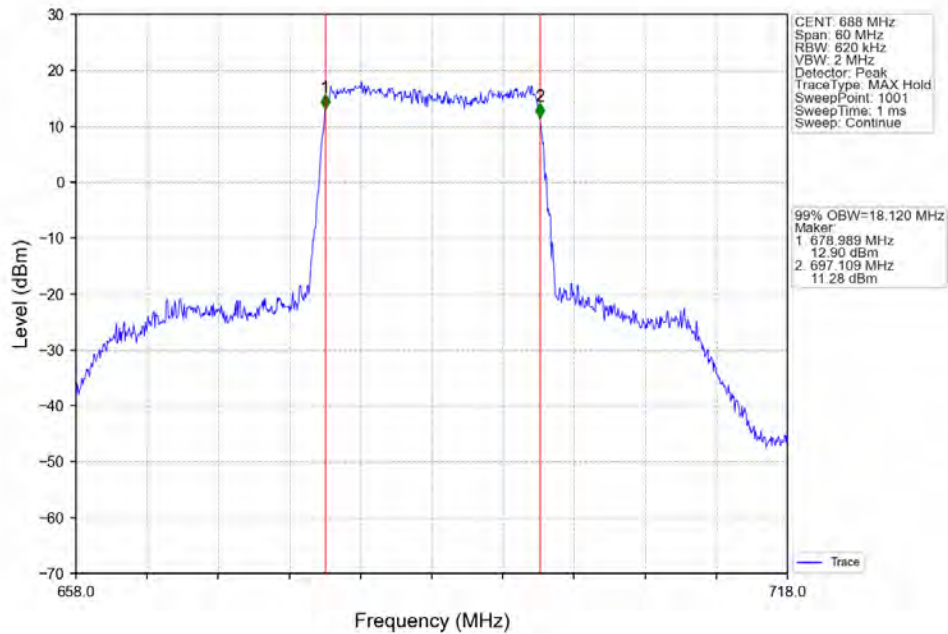
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Band71 20MHz 16QAM HCH 688MHz RB 100\_0 NTN



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### 3.2 Band71\_XDB

#### 3.2.1 Test Result

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.023	/	Pass
		680.5	25	0	5.055	/	Pass
		695.5	25	0	5.051	/	Pass
	16QAM	665.5	25	0	5.019	/	Pass
		680.5	25	0	5.102	/	Pass
		695.5	25	0	5.016	/	Pass
10	QPSK	668	50	0	9.981	/	Pass
		680.5	50	0	9.967	/	Pass
		693	50	0	9.996	/	Pass
	16QAM	668	50	0	9.912	/	Pass
		680.5	50	0	9.855	/	Pass
		693	50	0	10.001	/	Pass
15	QPSK	670.5	75	0	14.860	/	Pass
		680.5	75	0	14.809	/	Pass
		690.5	75	0	15.095	/	Pass
	16QAM	670.5	75	0	14.814	/	Pass
		680.5	75	0	14.812	/	Pass
		690.5	75	0	15.001	/	Pass
20	QPSK	673	100	0	19.845	/	Pass
		683	100	0	19.790	/	Pass
		688	100	0	19.802	/	Pass
	16QAM	673	100	0	19.680	/	Pass
		683	100	0	19.688	/	Pass
		688	100	0	19.827	/	Pass



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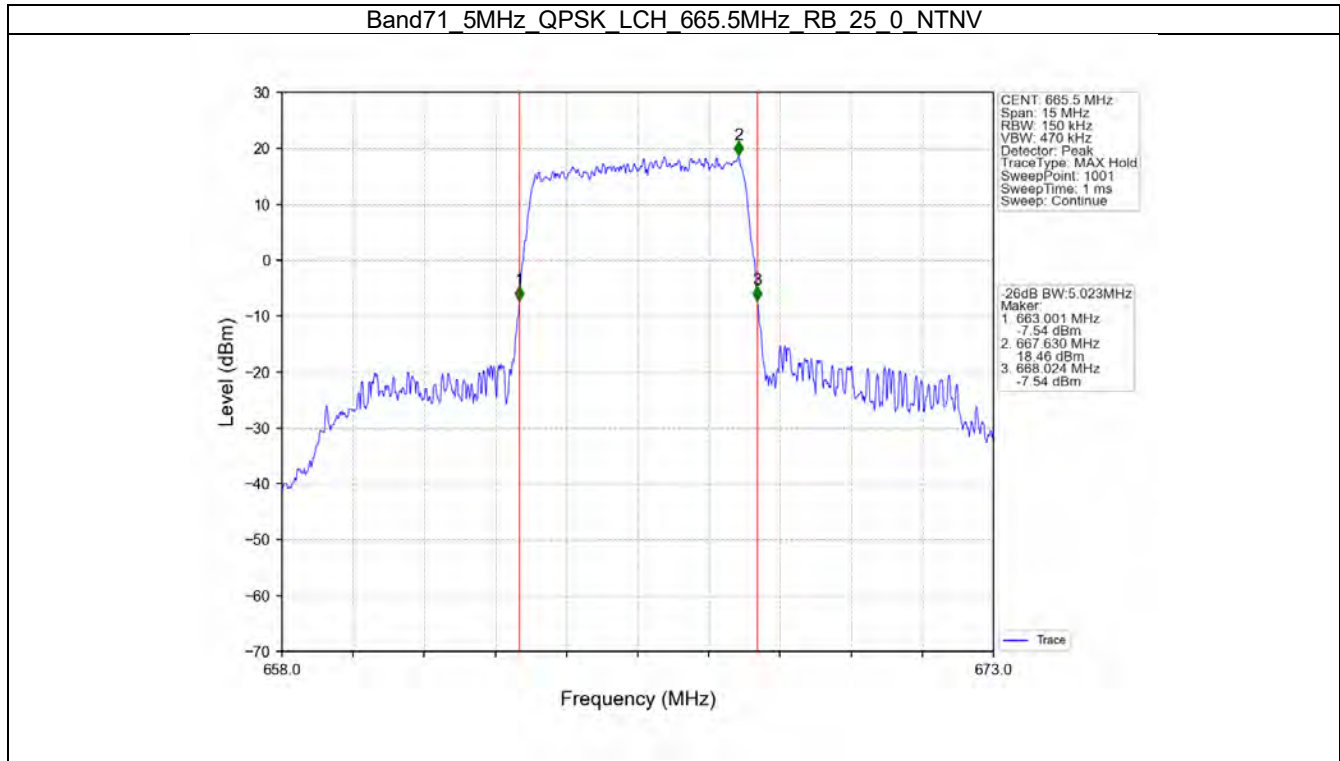
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3.2.2 Test Graph



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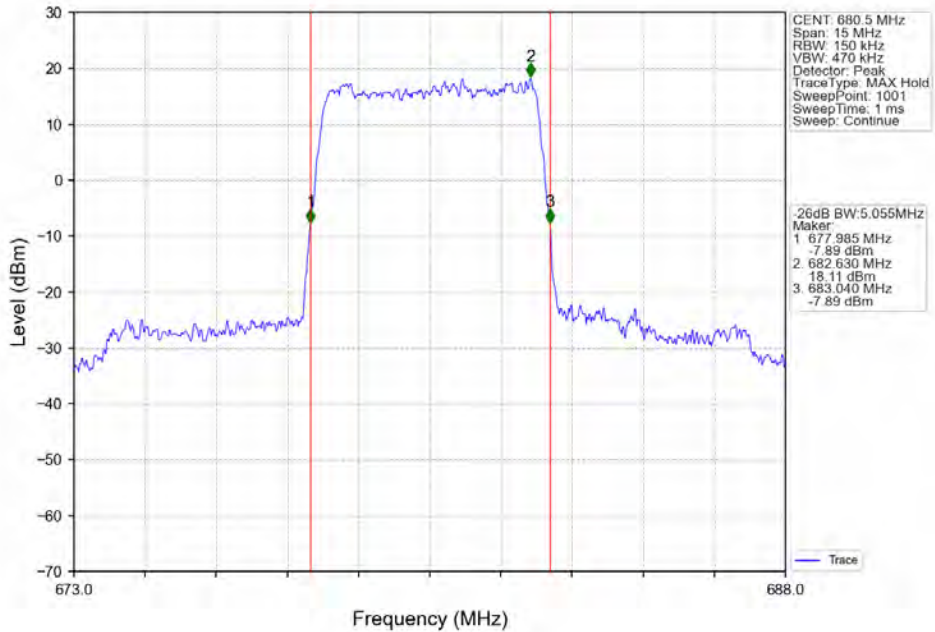


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Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



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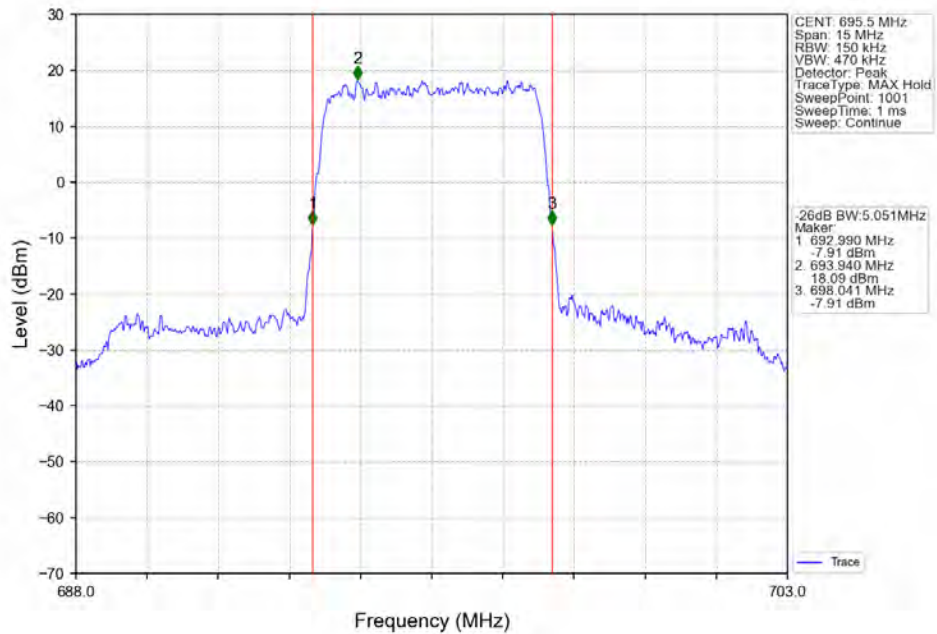
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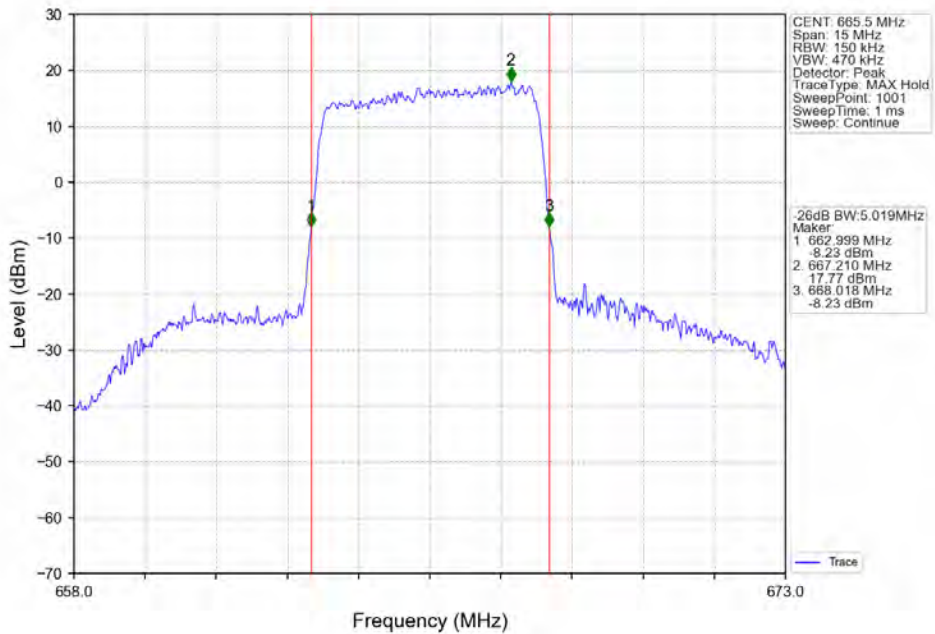
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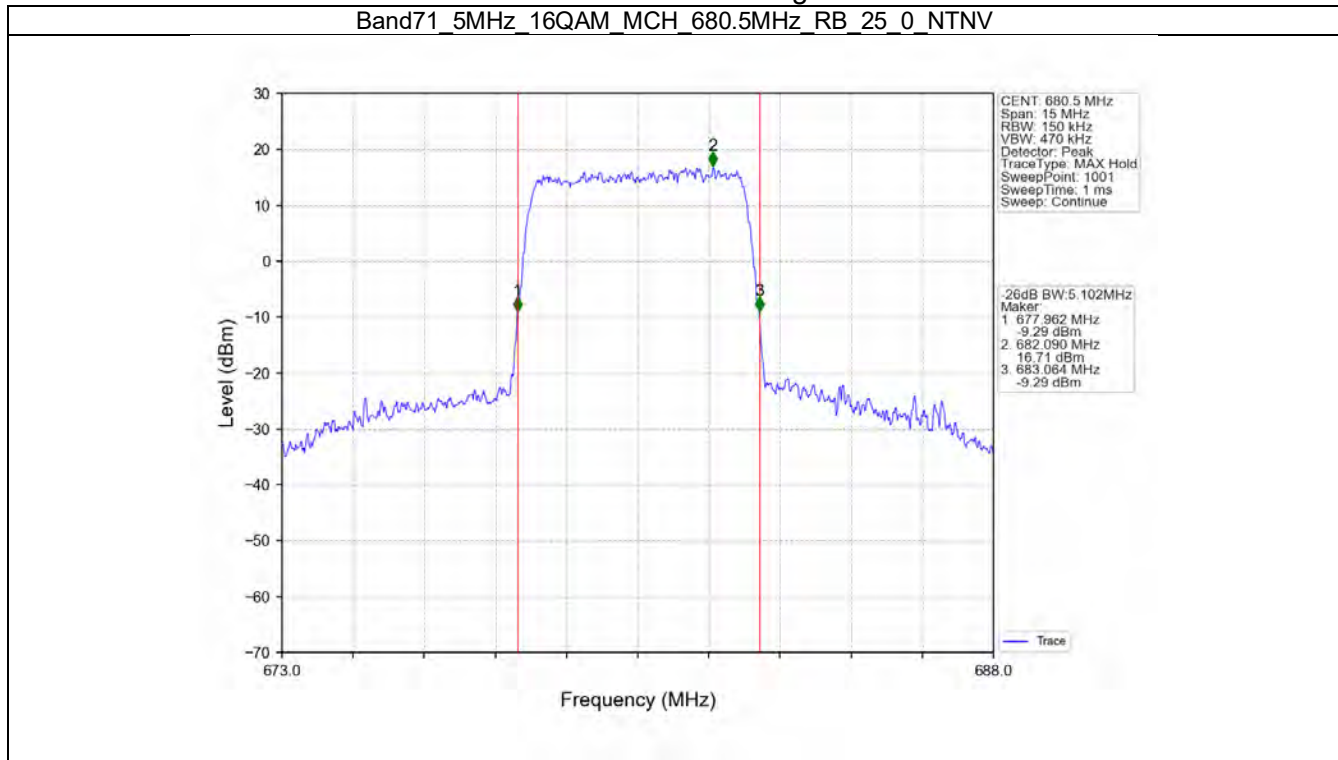
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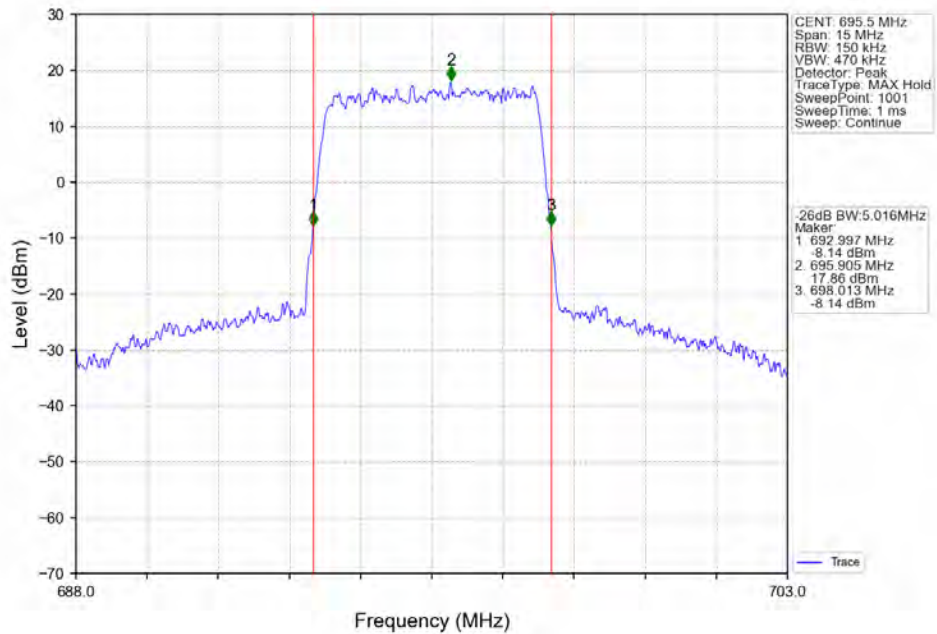


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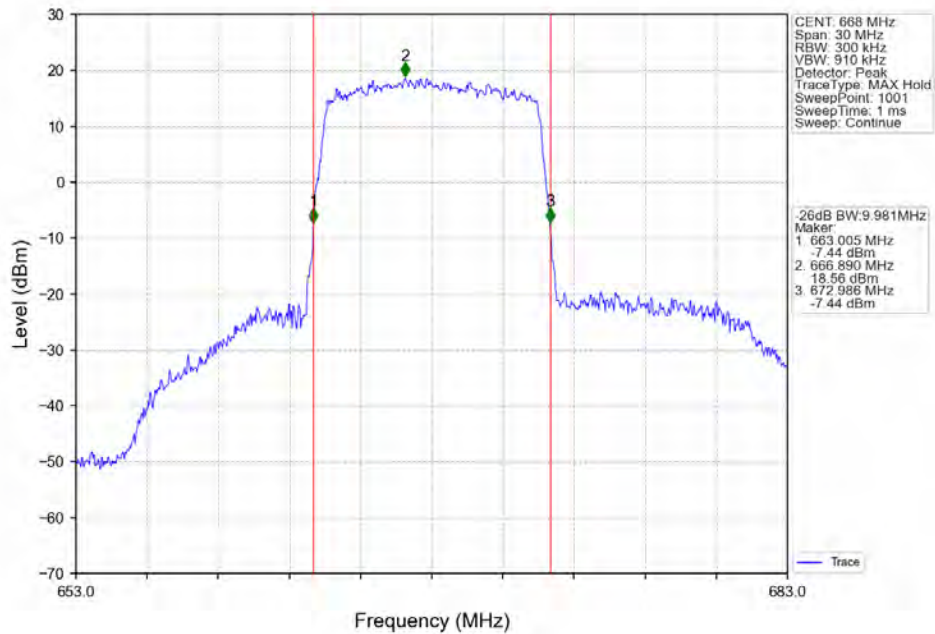
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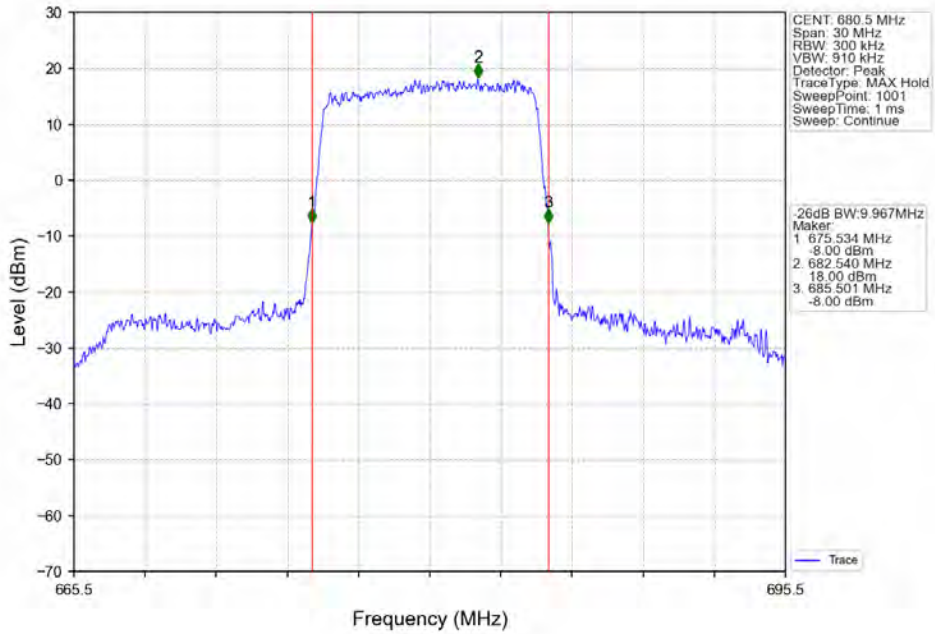
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Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



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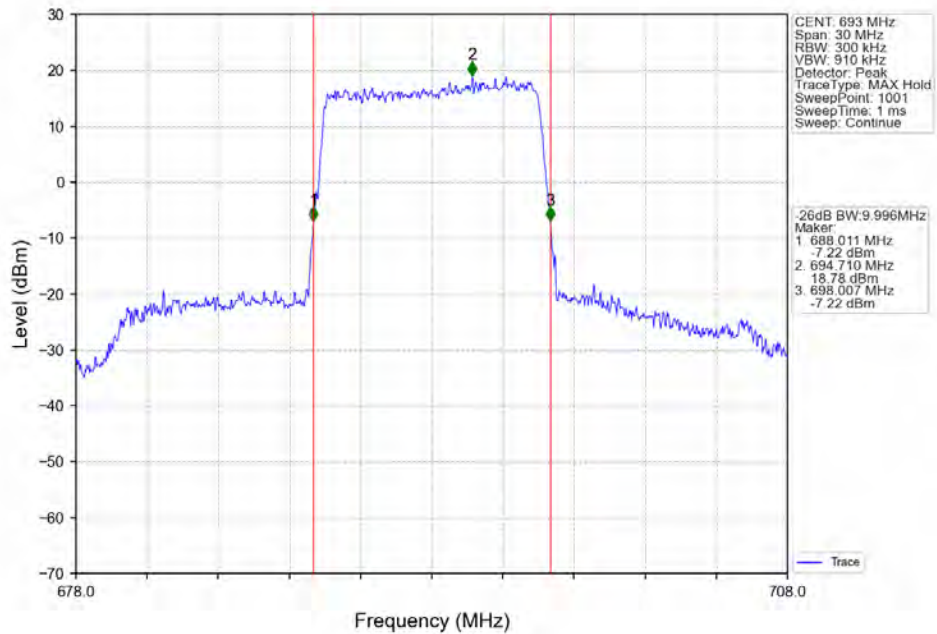
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Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



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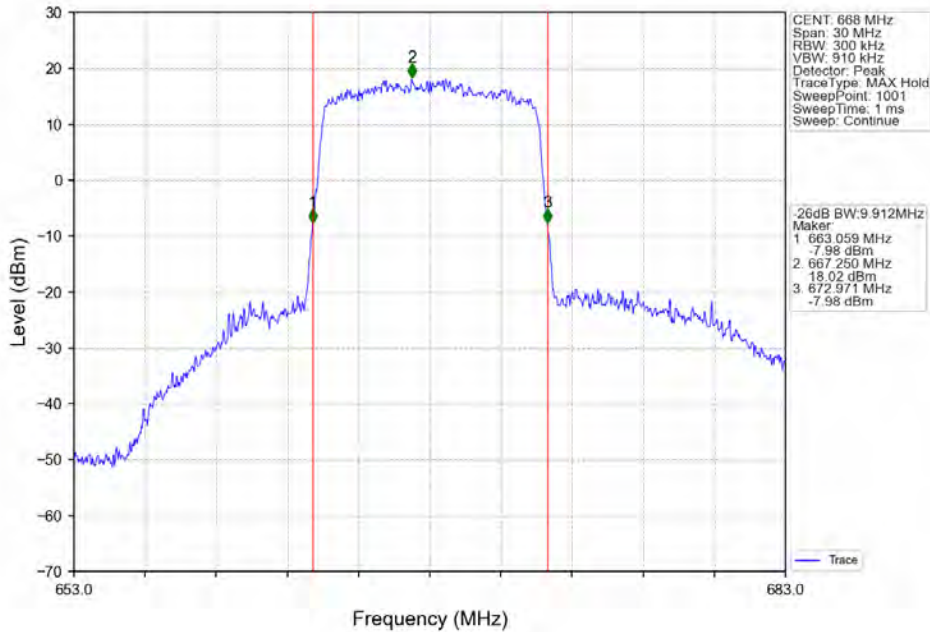


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Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



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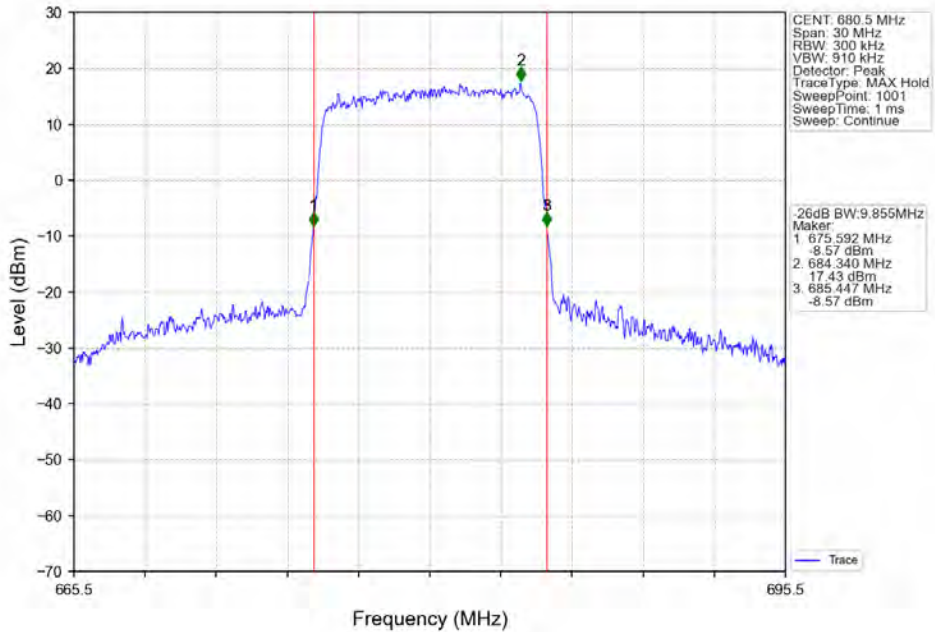
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Band71\_10MHz\_16QAM\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



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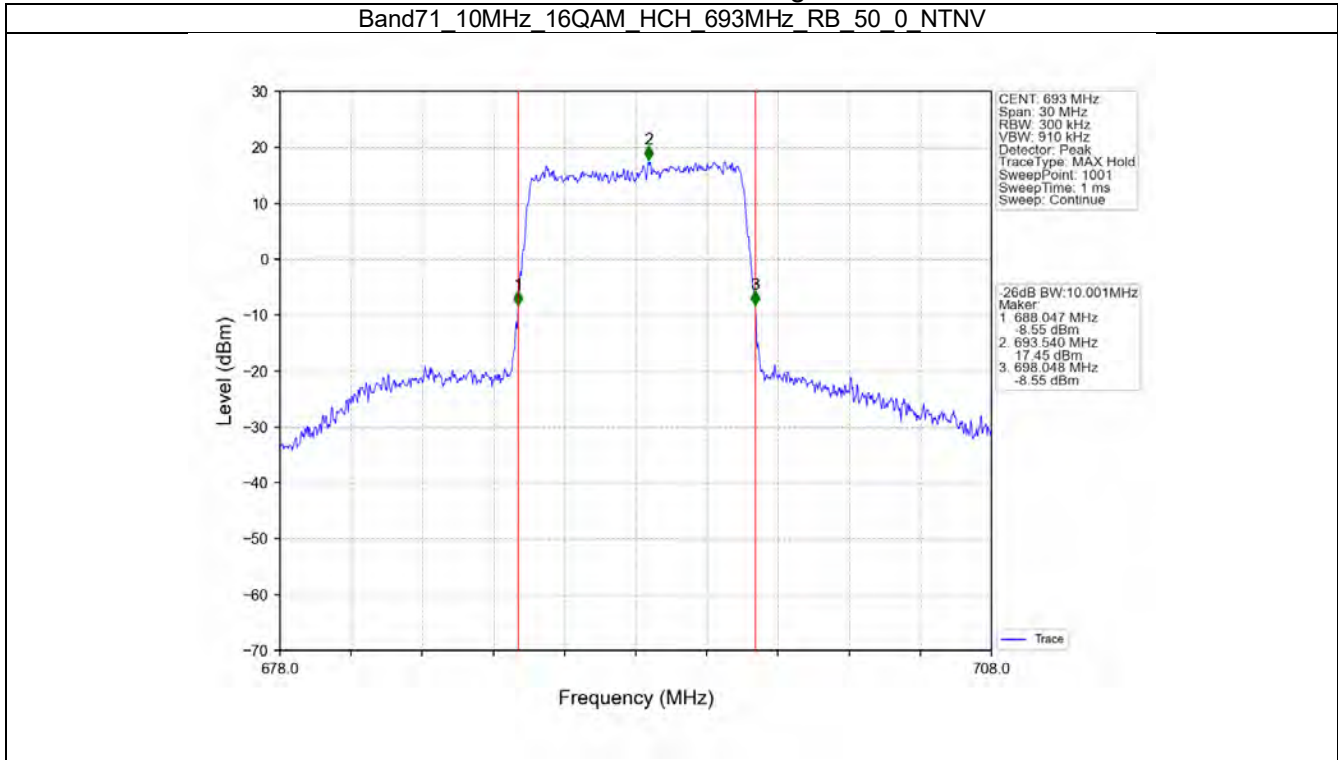
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Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



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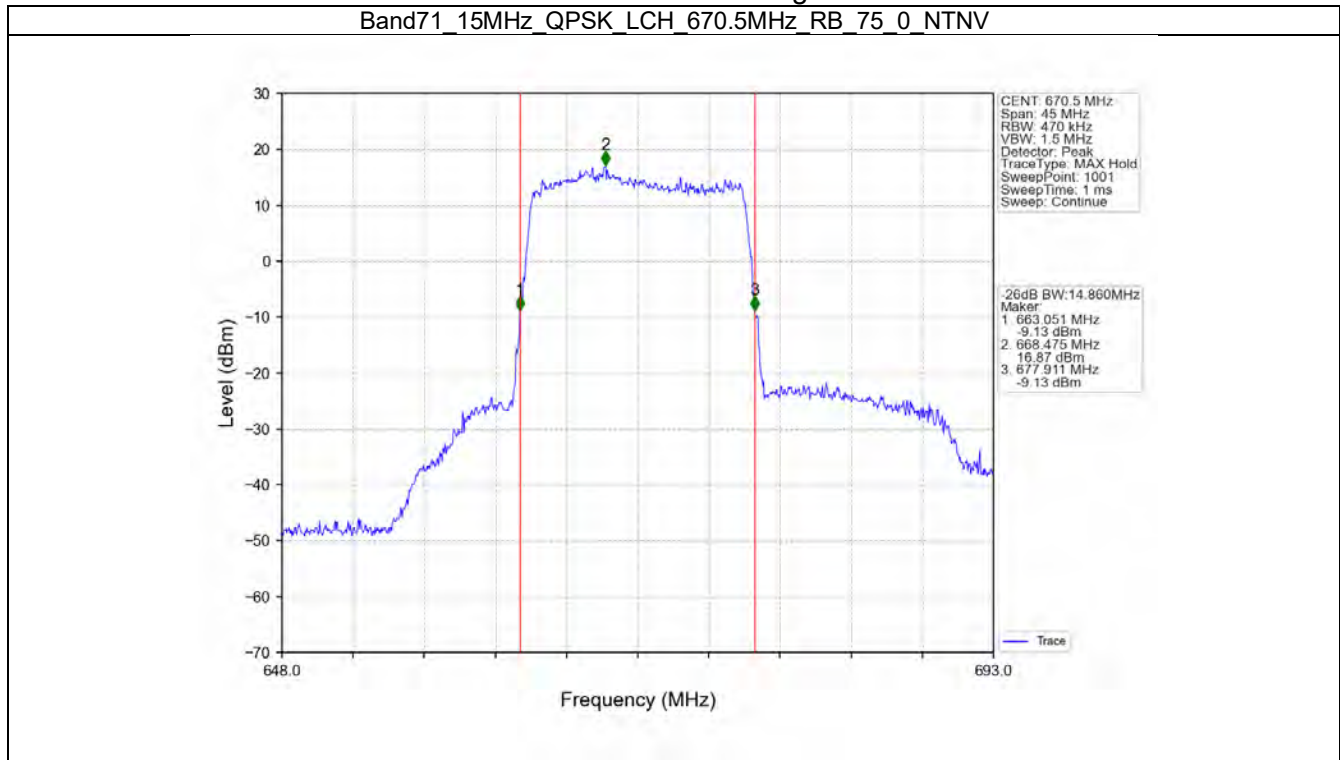
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Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



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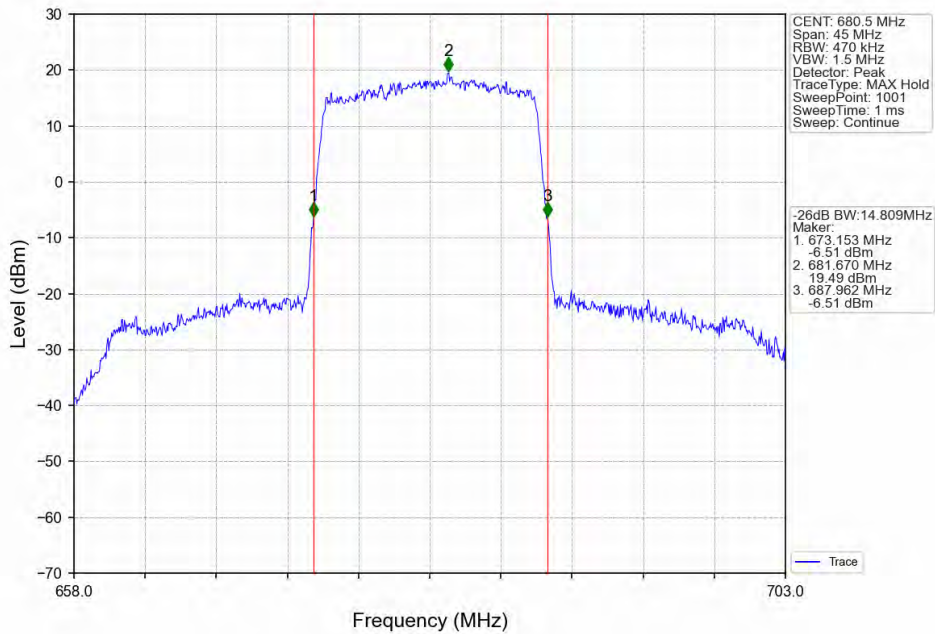
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Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



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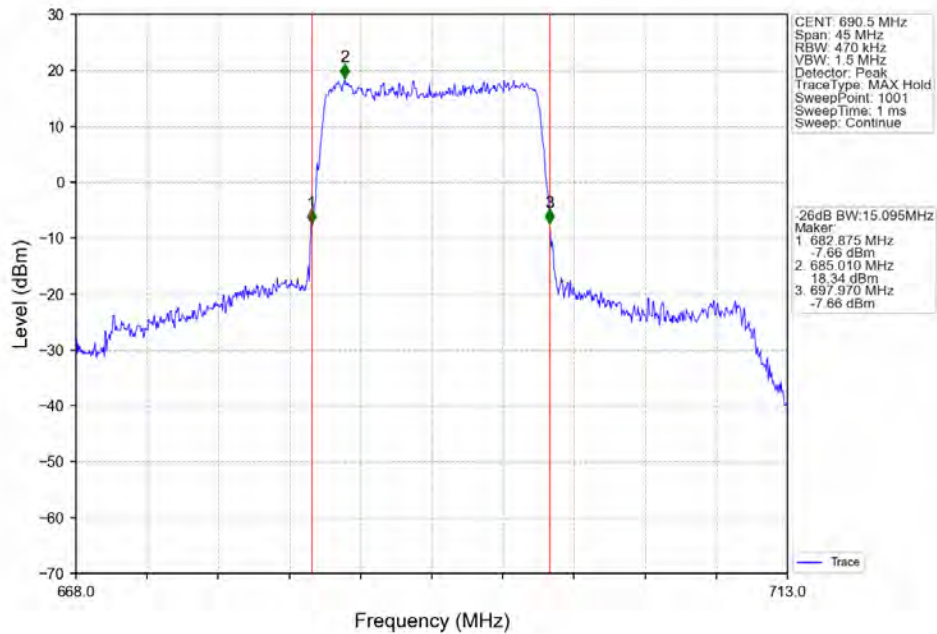
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



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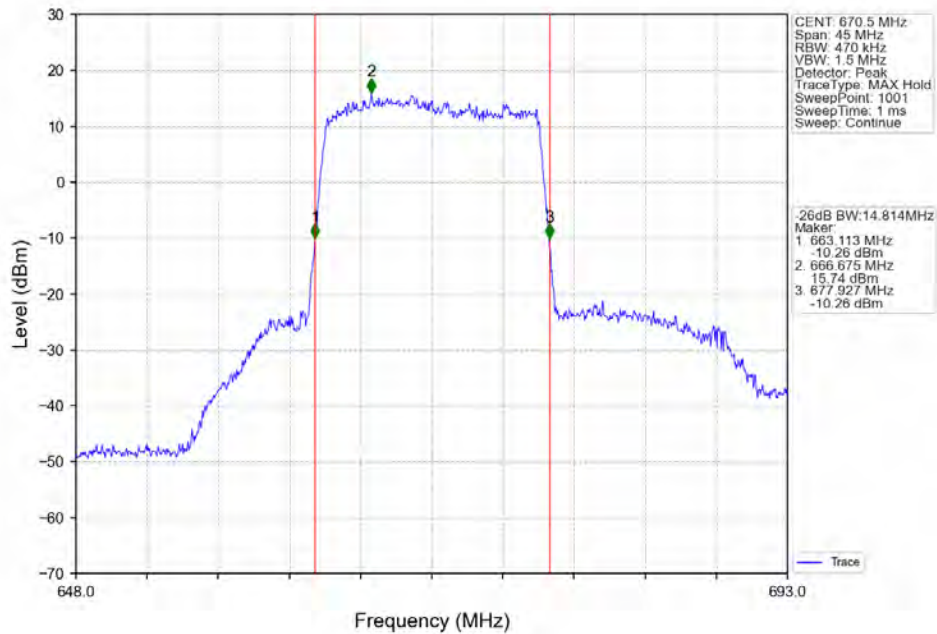
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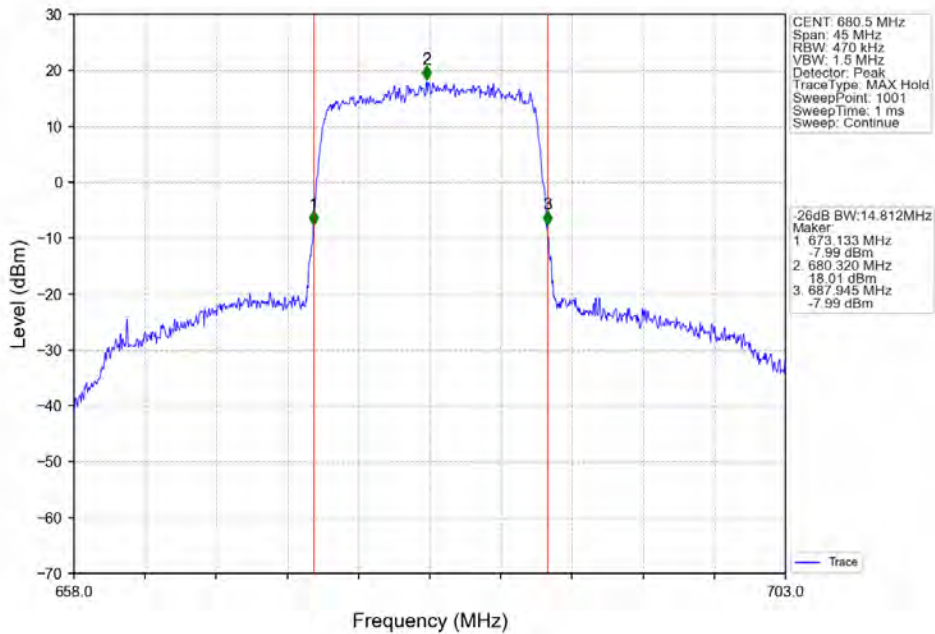
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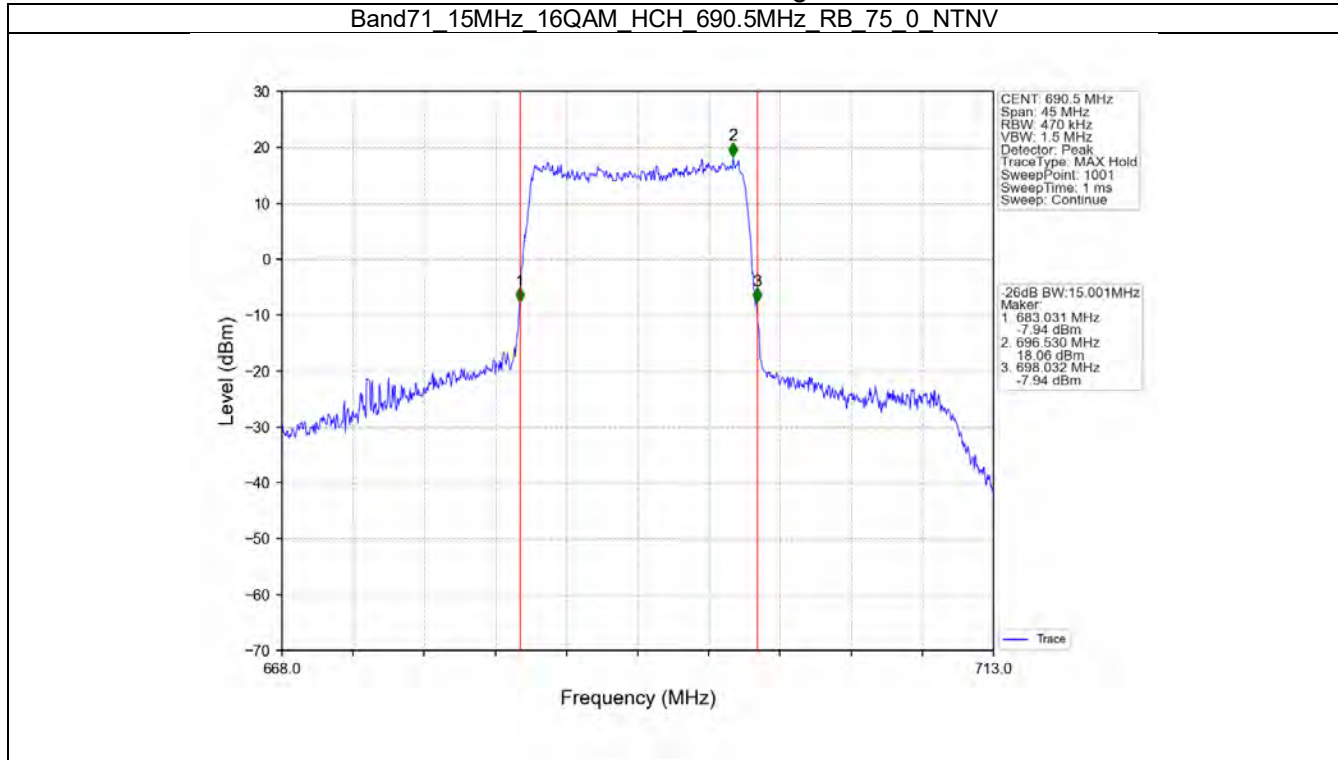


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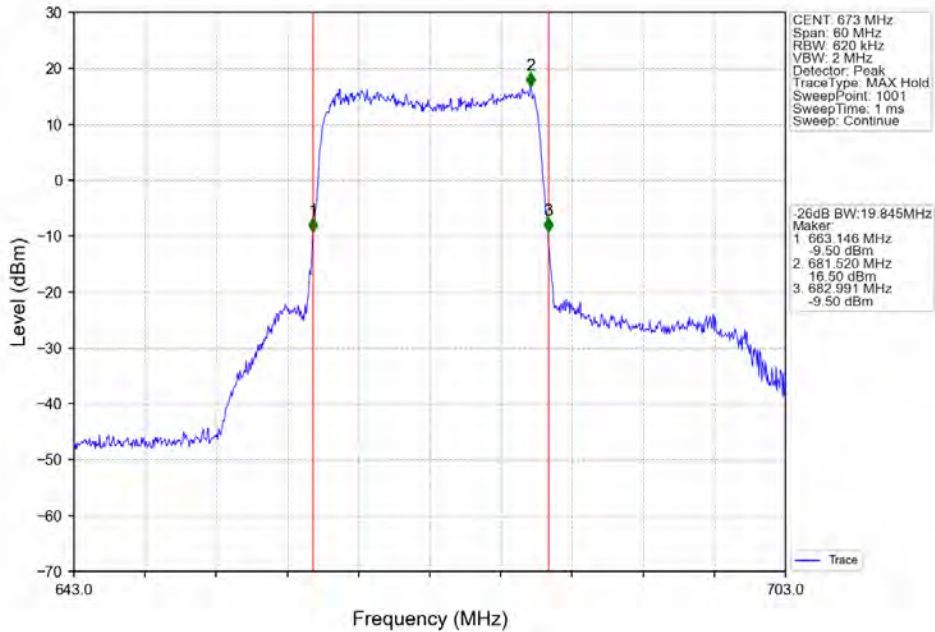
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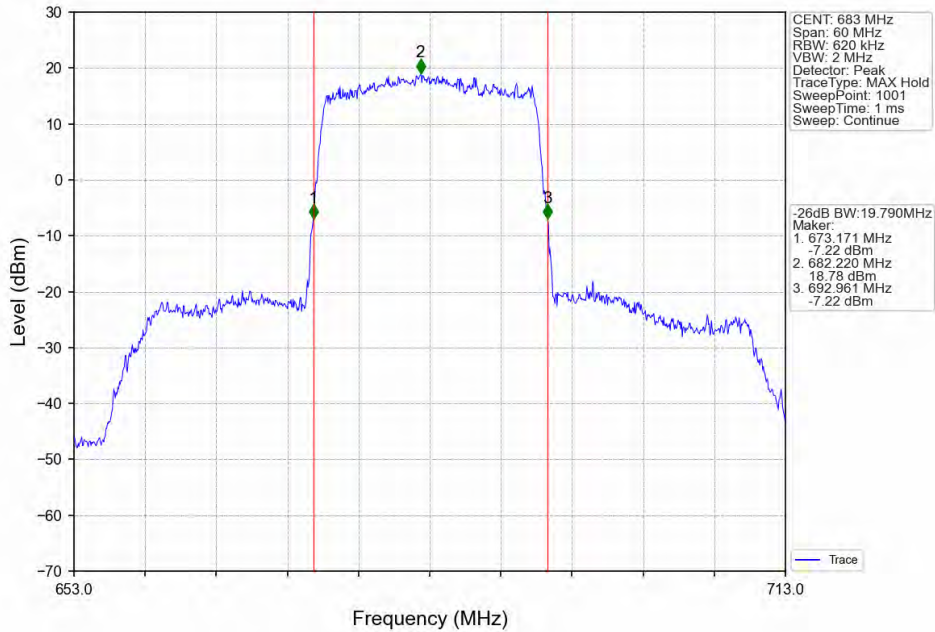
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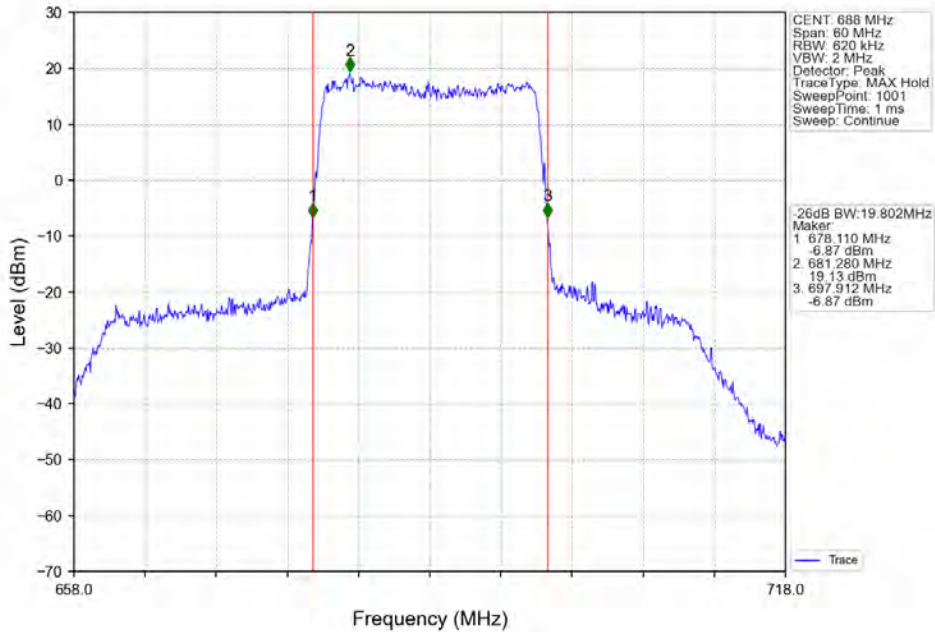


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Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



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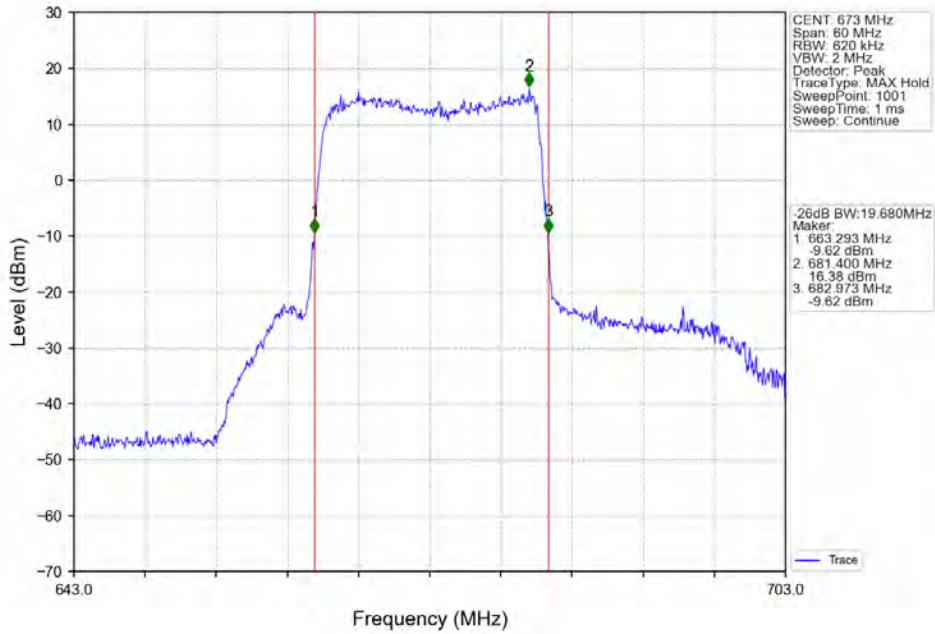


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Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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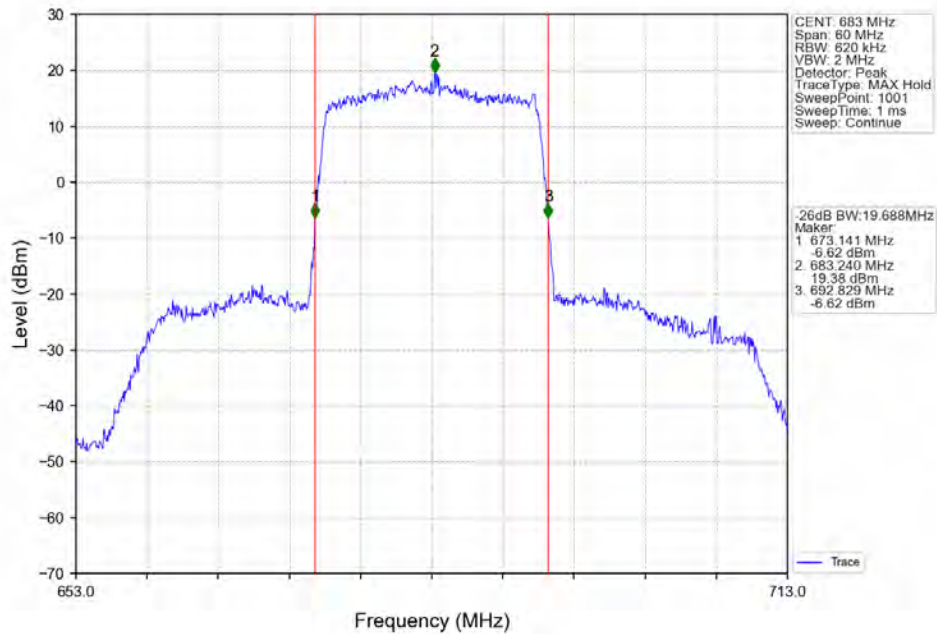
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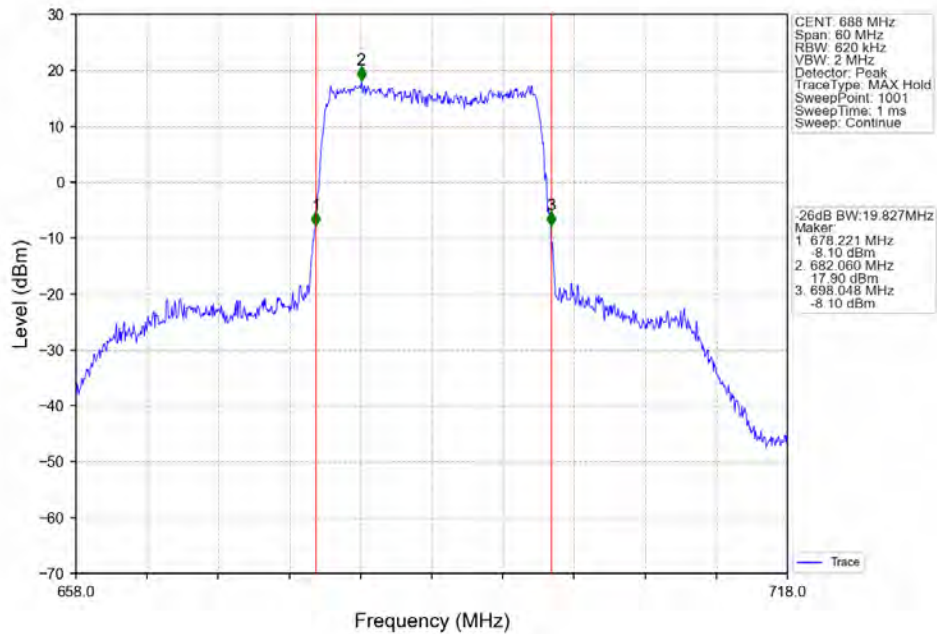
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Band71 20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



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## 4. Peak-Average Ratio

### 4.1 B71\_5MHz

#### 4.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.28	<=13	Pass
	680.5	25	0	5.51	<=13	Pass
	695.5	25	0	5.60	<=13	Pass
16QAM	665.5	25	0	6.10	<=13	Pass
	680.5	25	0	6.29	<=13	Pass
	695.5	25	0	6.36	<=13	Pass



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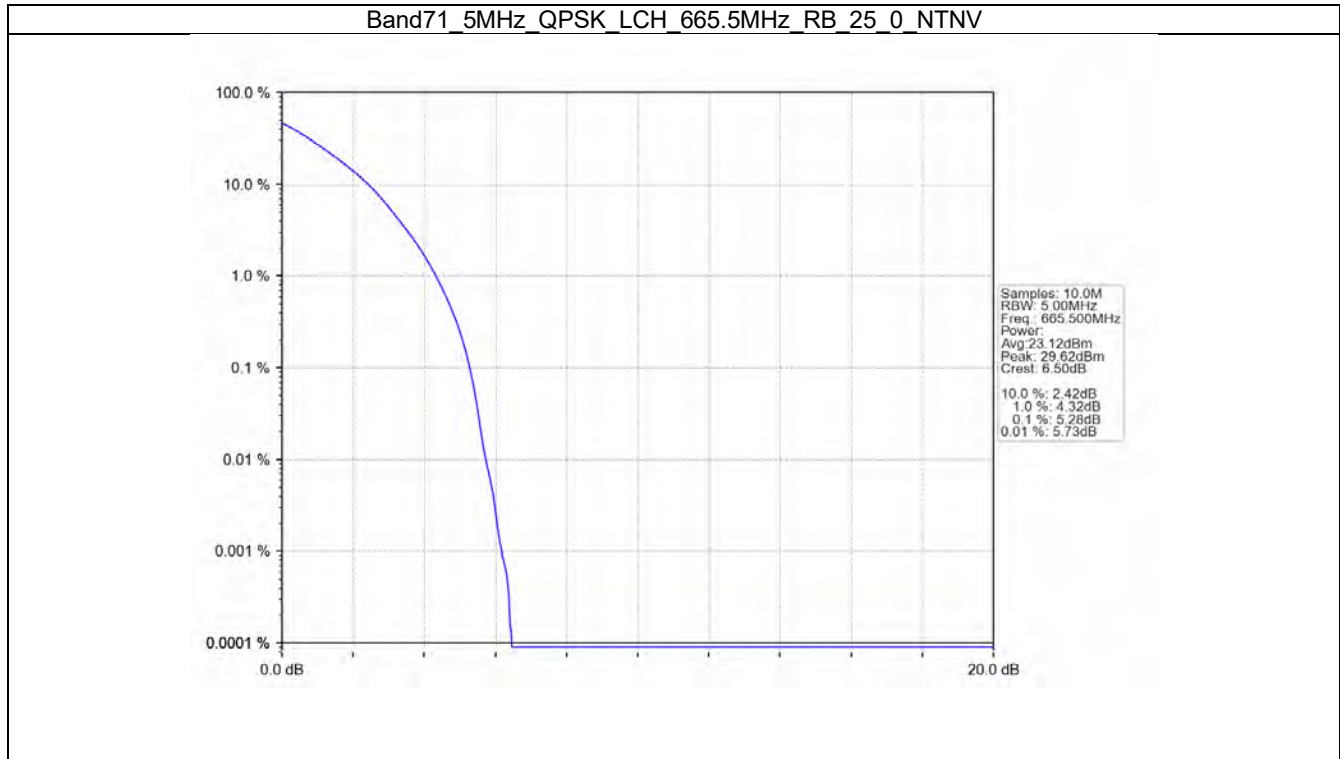
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4.1.2 Test Graph



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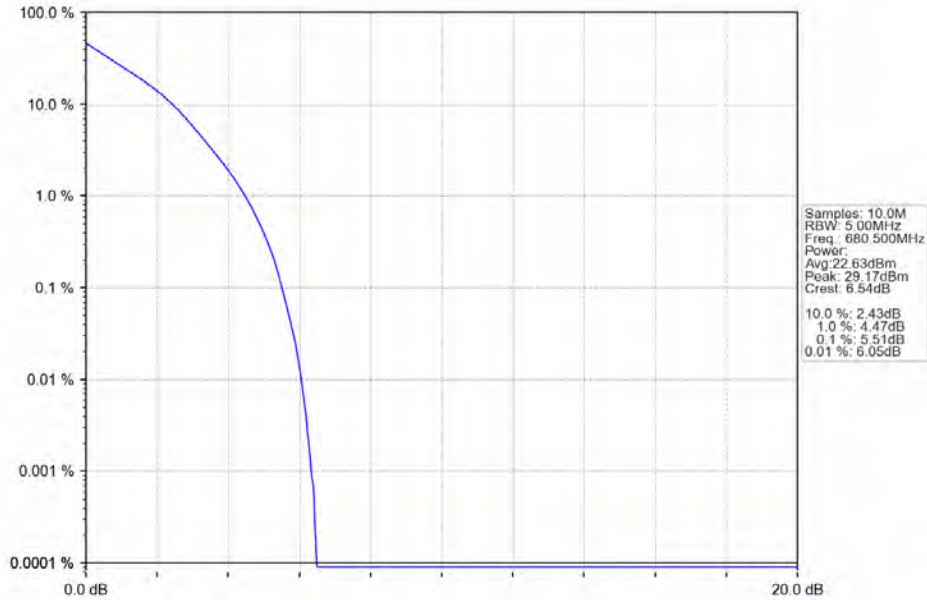
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Band71\_5MHz\_QPSK\_MCH\_680.5MHz\_RB\_25\_0\_NTNV



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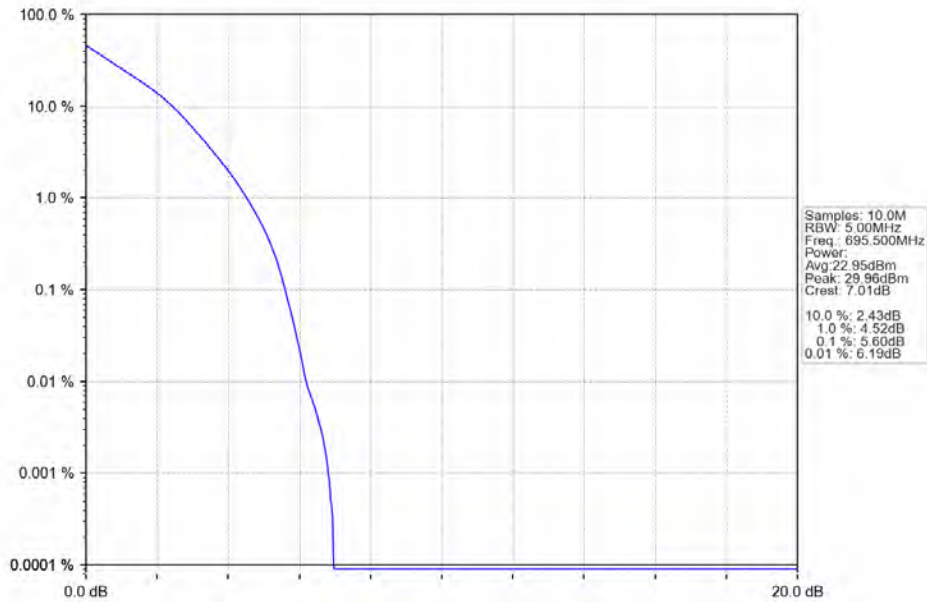
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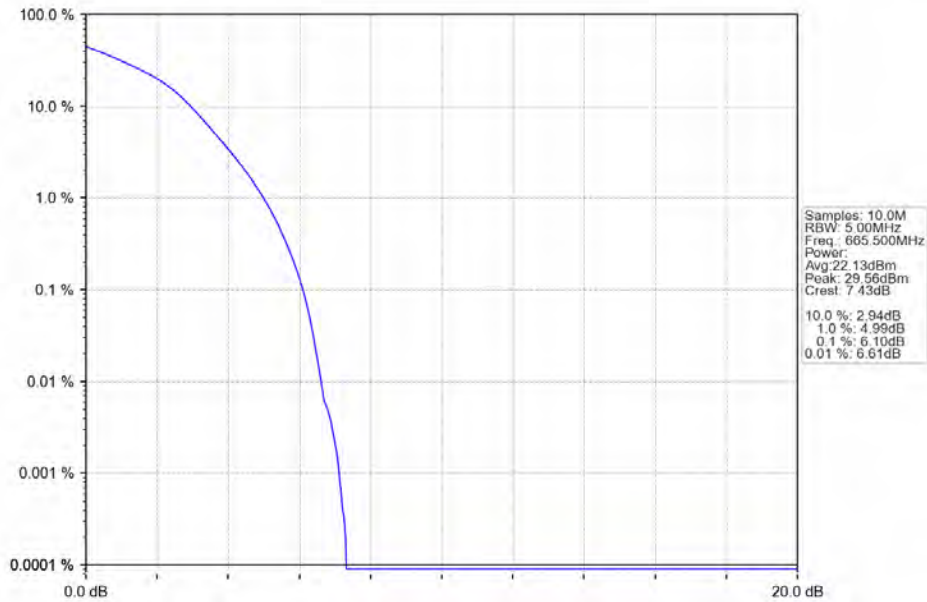
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Band71\_5MHz\_16QAM\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



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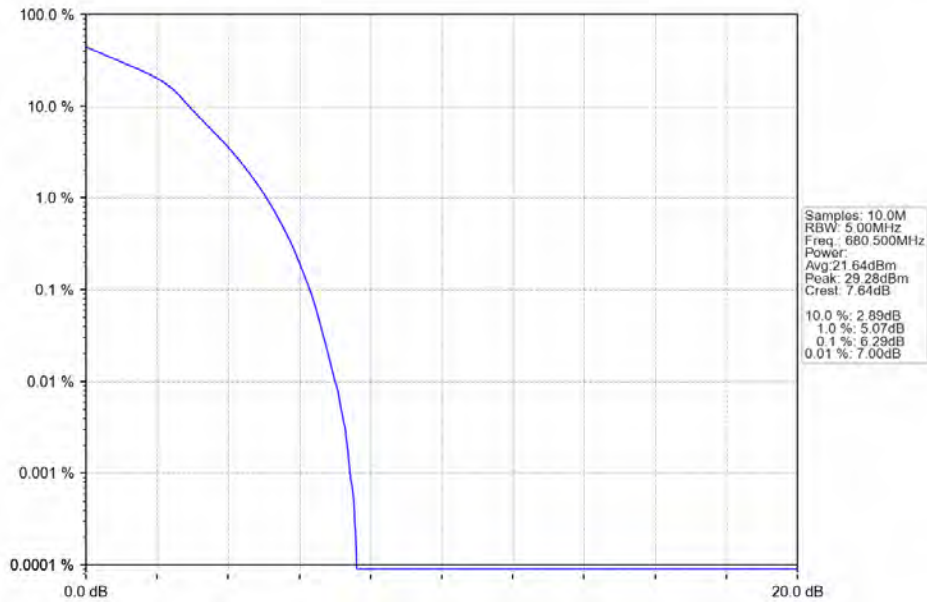


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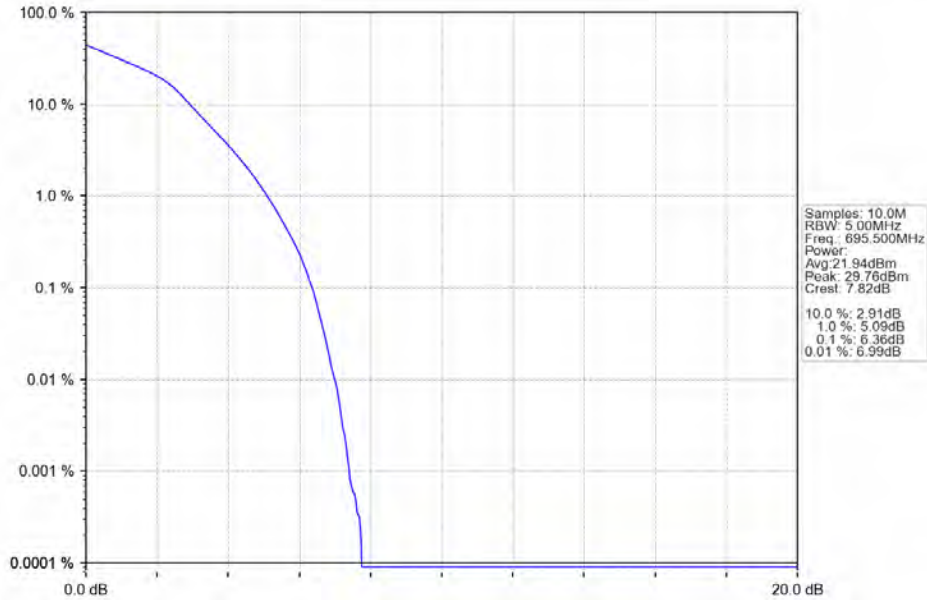
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## 4.2 B71\_10MHz

### 4.2.1 Test Result

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.04	<=13	Pass
	680.5	50	0	5.29	<=13	Pass
	693	50	0	5.61	<=13	Pass
16QAM	668	50	0	5.88	<=13	Pass
	680.5	50	0	6.19	<=13	Pass
	693	50	0	6.44	<=13	Pass

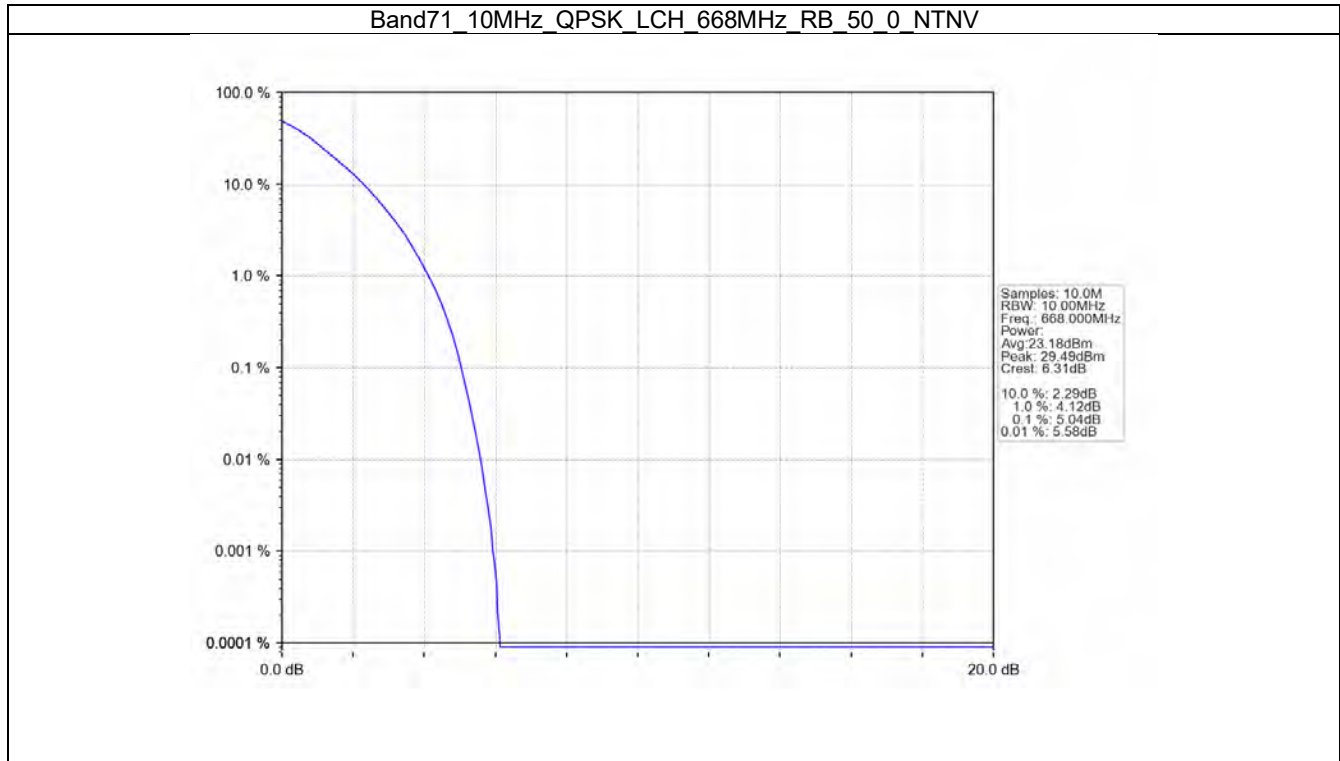


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4.2.2 Test Graph



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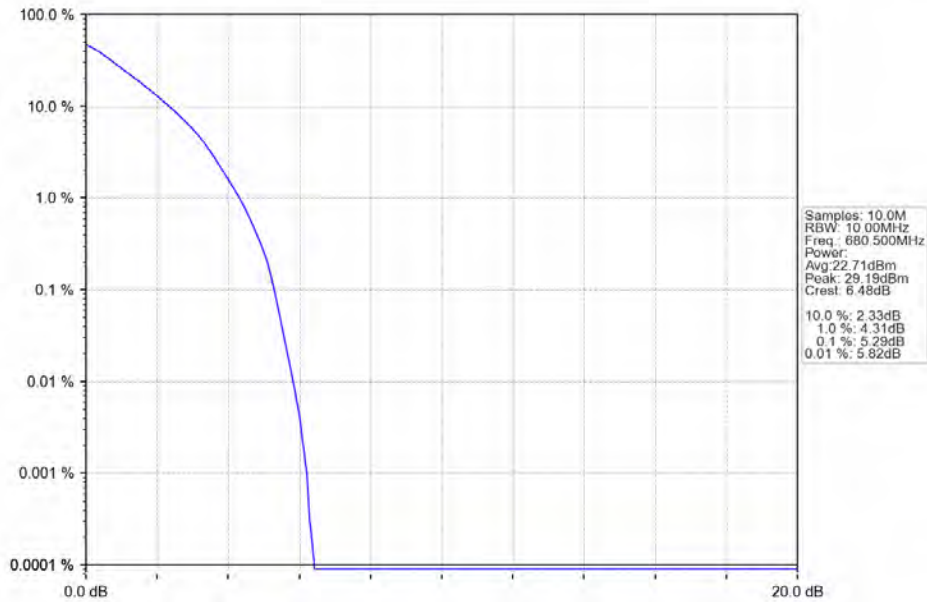


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Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_50\_0\_NTNV



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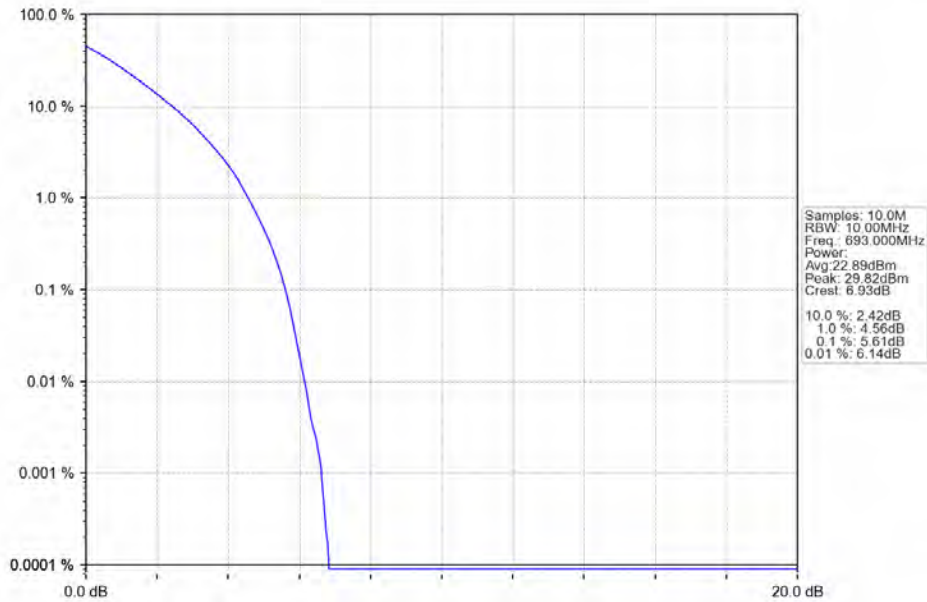
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Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



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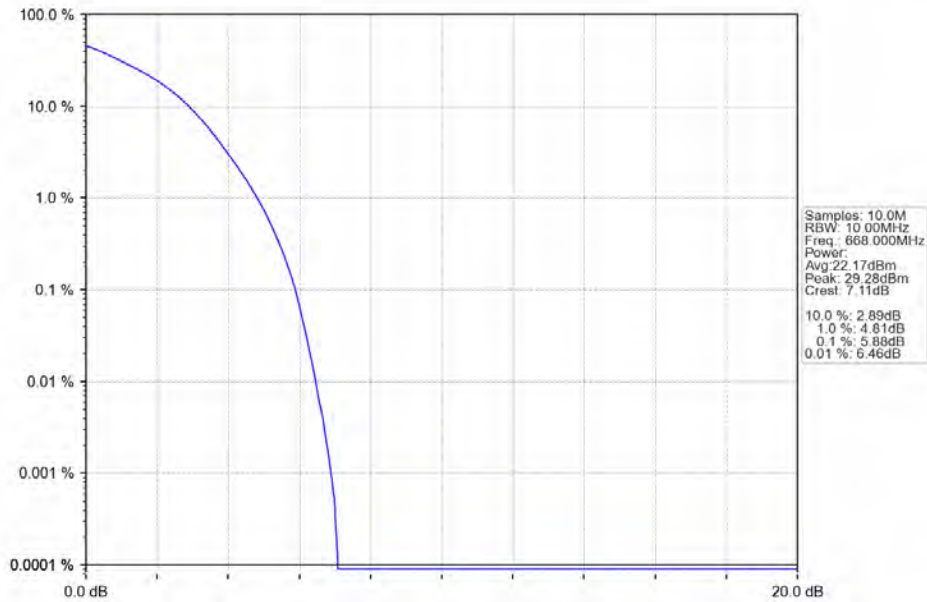
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Band71\_10MHz\_16QAM\_LCH\_668MHz\_RB\_50\_0\_NTNV



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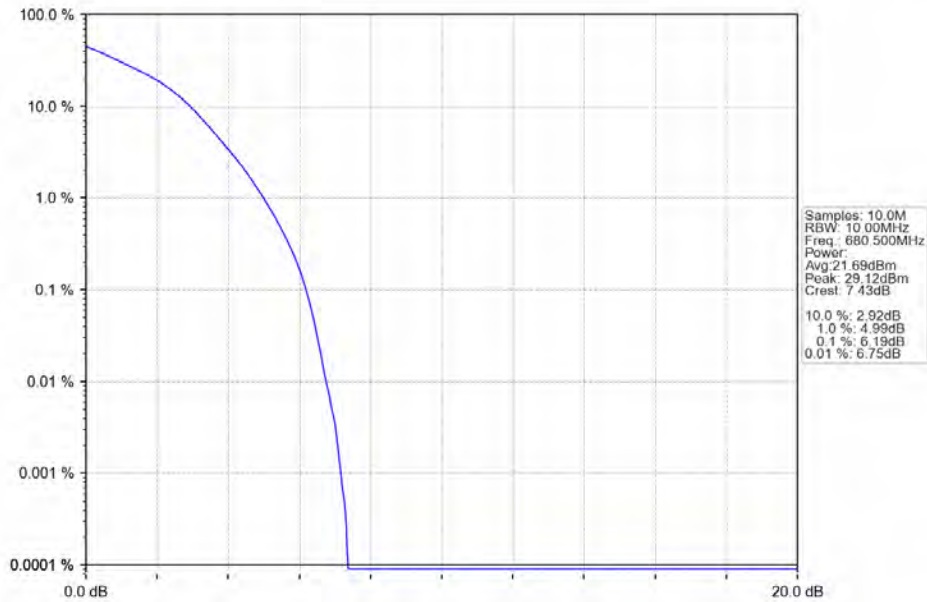
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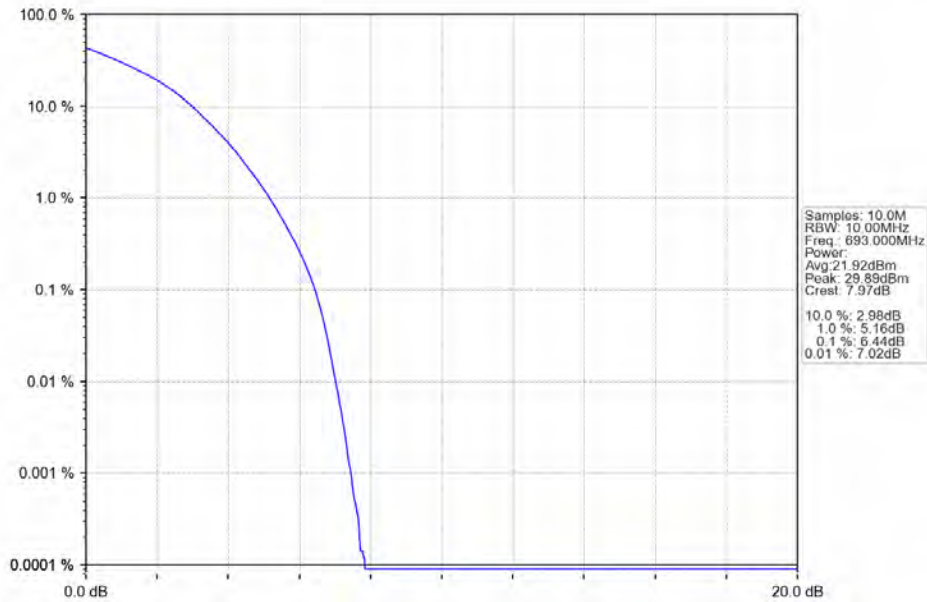


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Band71\_10MHz\_16QAM\_HCH\_693MHz\_RB\_50\_0\_NTNV



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### 4.3 B71\_15MHz

#### 4.3.1 Test Result

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.77	<=13	Pass
	680.5	75	0	5.25	<=13	Pass
	690.5	75	0	5.66	<=13	Pass
16QAM	670.5	75	0	6.42	<=13	Pass
	680.5	75	0	6.06	<=13	Pass
	690.5	75	0	6.34	<=13	Pass



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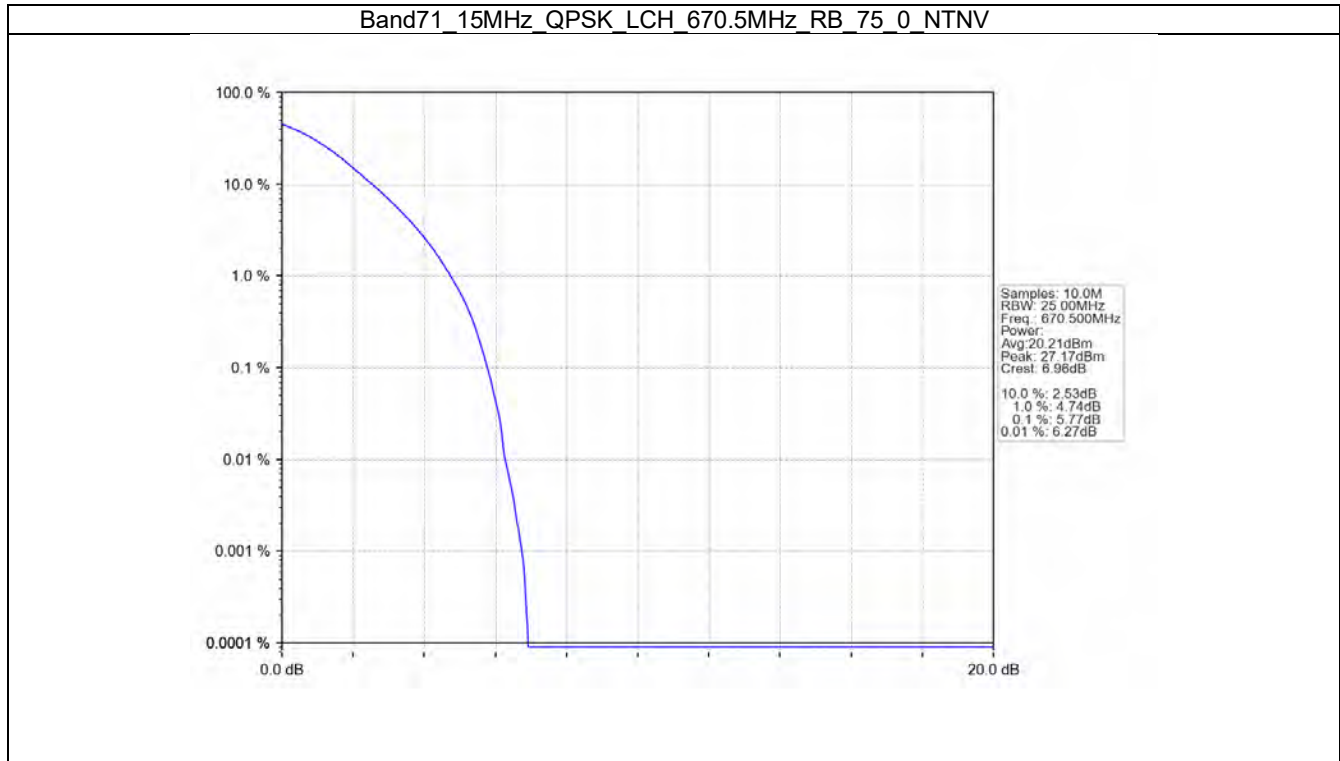
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4.3.2 Test Graph



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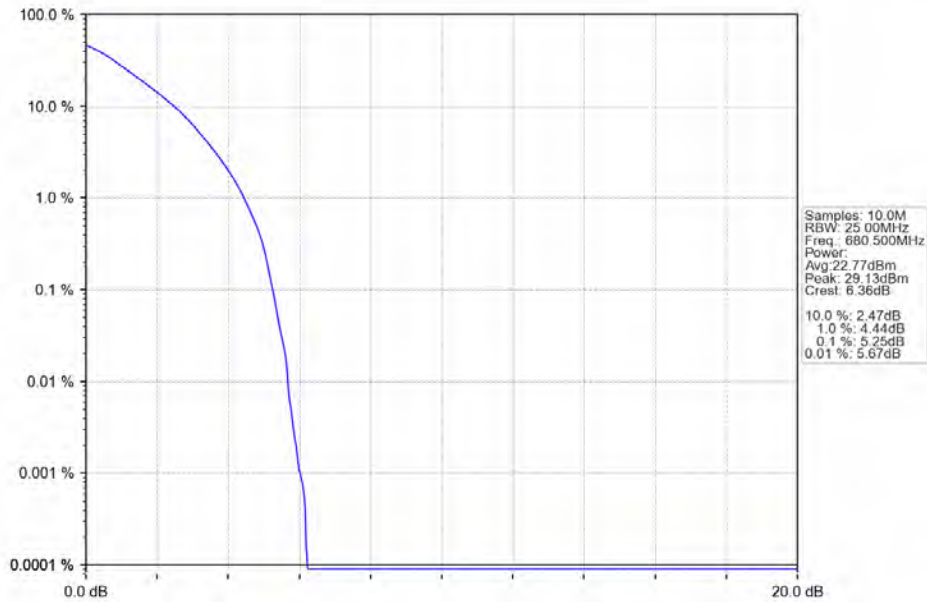
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Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_75\_0\_NTNV



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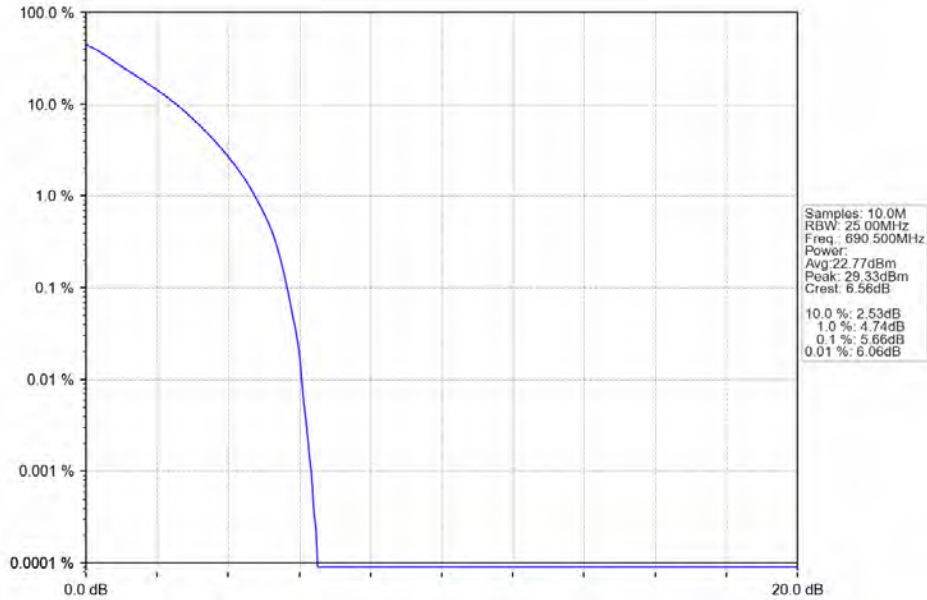


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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



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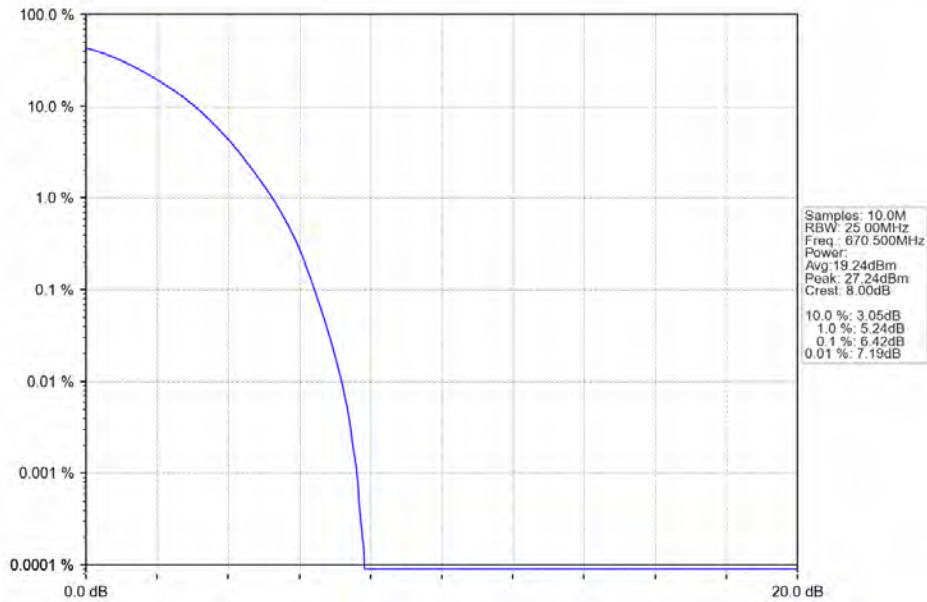
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Band71\_15MHz\_16QAM\_LCH\_670.5MHz\_RB\_75\_0\_NTNV



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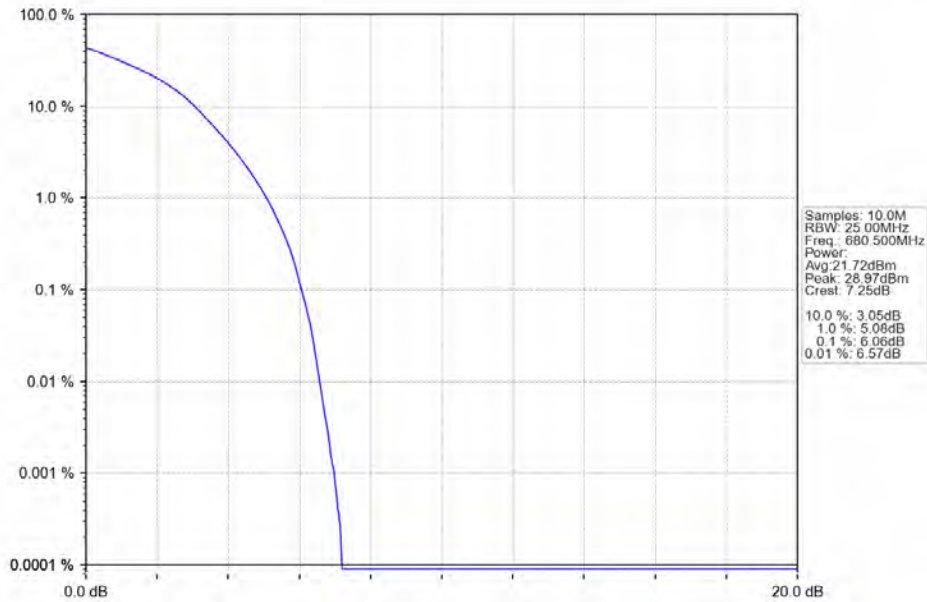
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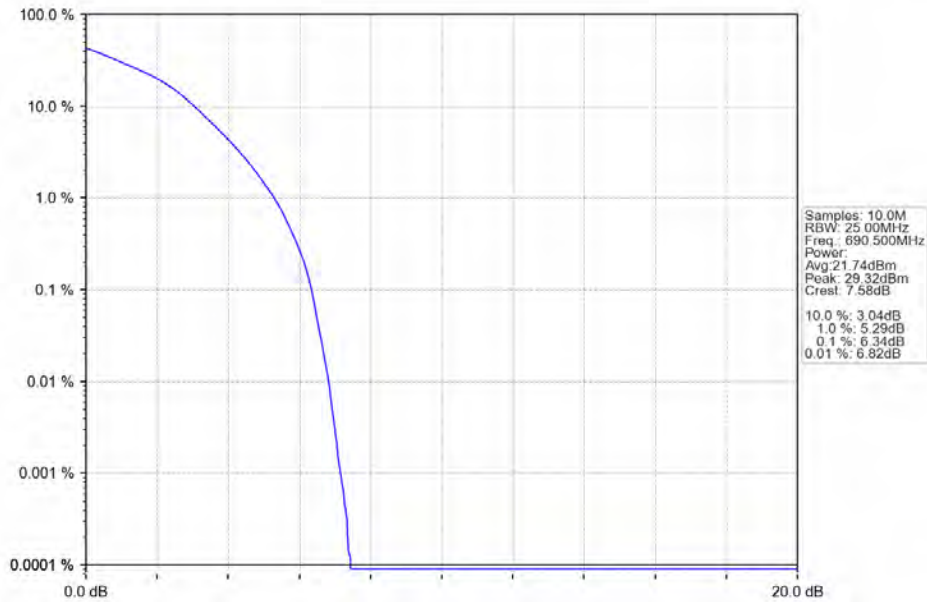
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4.4 B71\_20MHz

4.4.1 Test Result

Band: 71 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.86	<=13	Pass
	683	100	0	5.29	<=13	Pass
	688	100	0	5.66	<=13	Pass
16QAM	673	100	0	6.58	<=13	Pass
	683	100	0	6.13	<=13	Pass
	688	100	0	6.35	<=13	Pass



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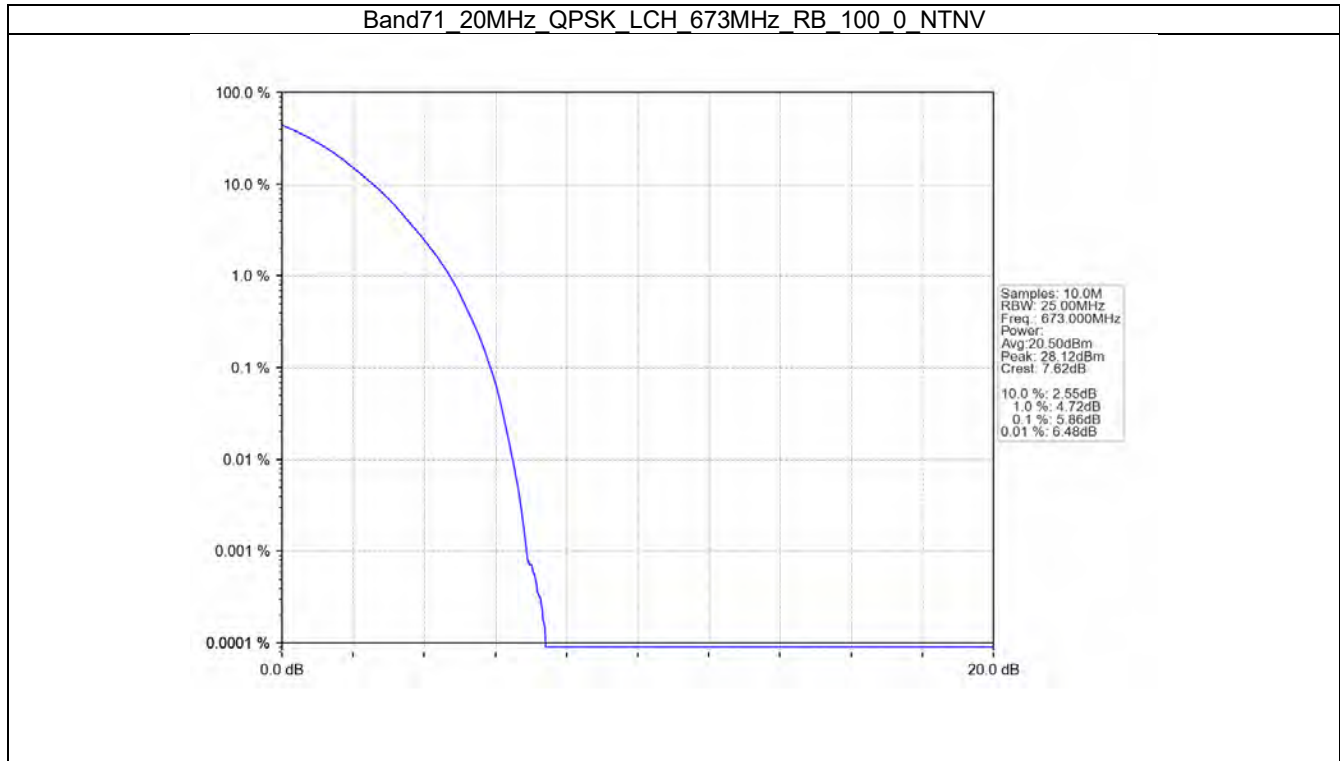
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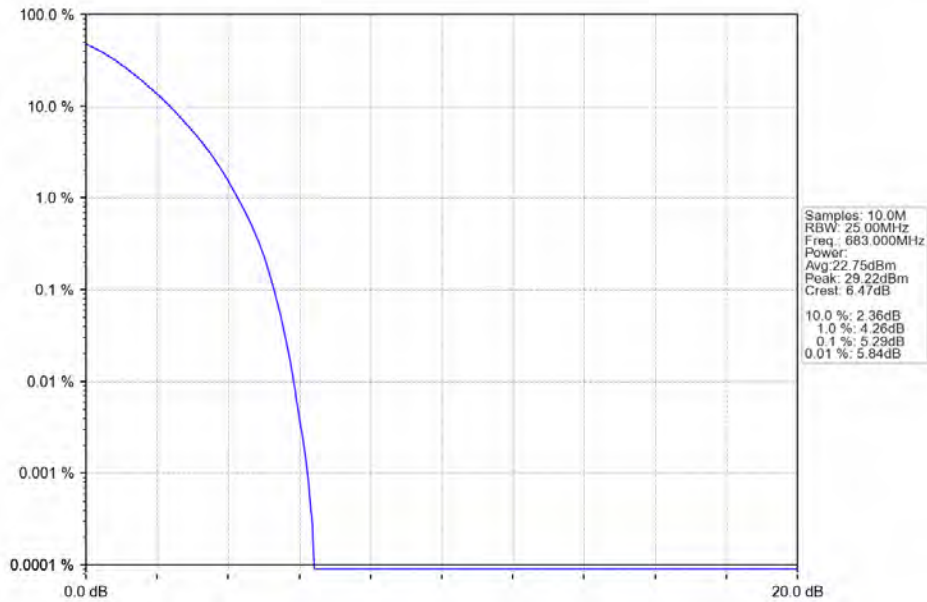
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Band71\_20MHz QPSK MCH\_683MHz\_RB\_100\_0\_NTNV



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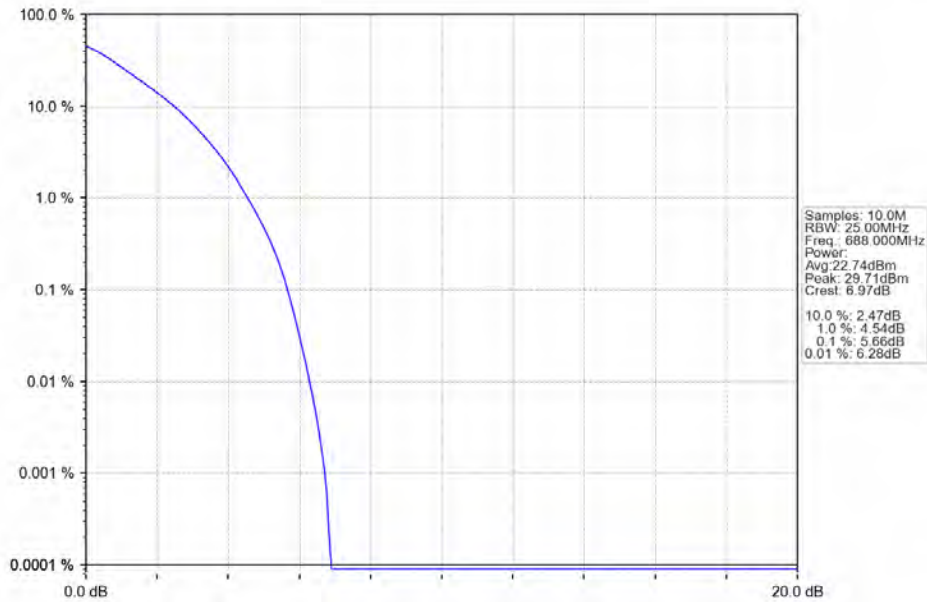
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Band71\_20MHz QPSK HCH\_688MHz\_RB\_100\_0\_NTNV



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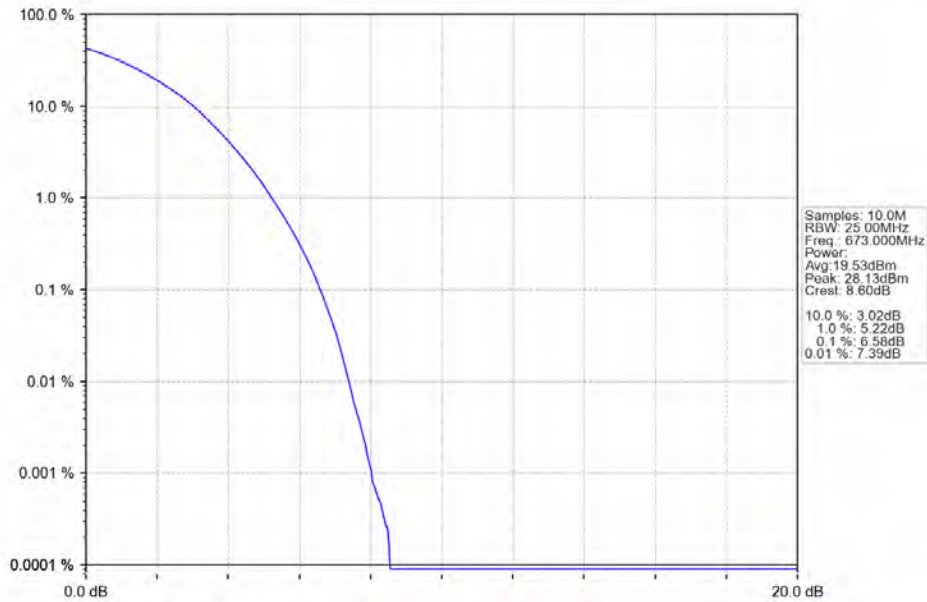


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Band71\_20MHz\_16QAM\_LCH\_673MHz\_RB\_100\_0\_NTNV



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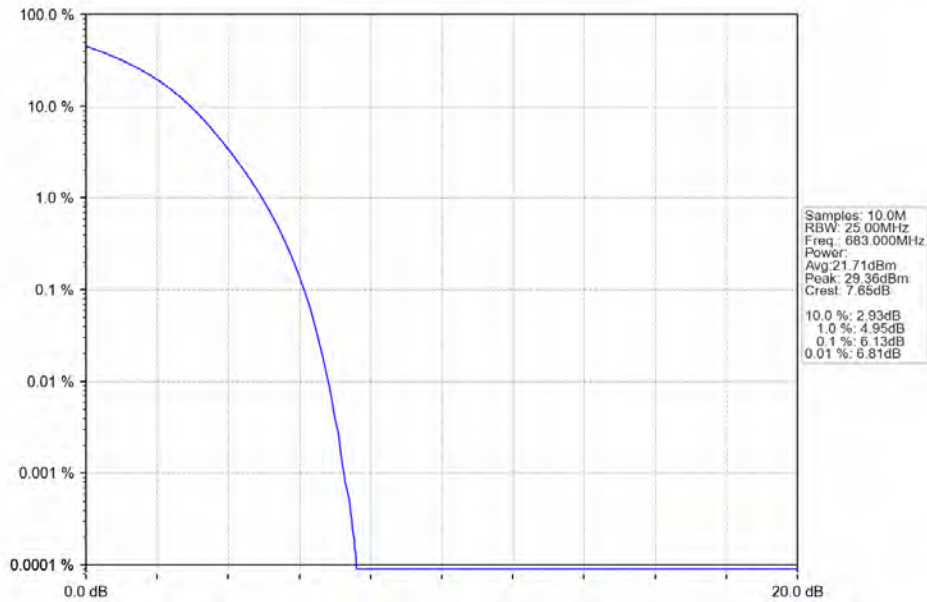
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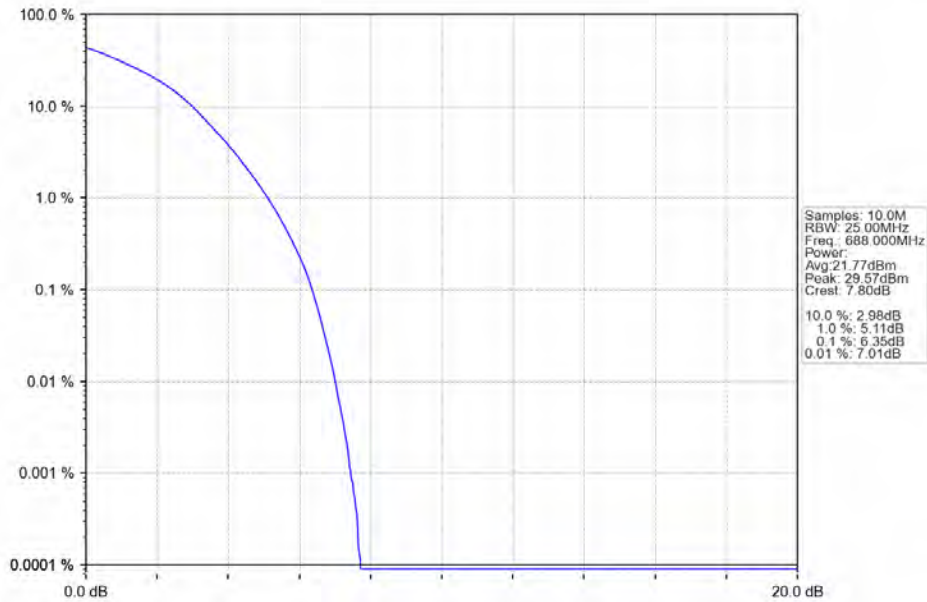
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Band71 20MHz\_16QAM\_HCH\_688MHz\_RB\_100\_0\_NTNV



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## 5. Spurious Emission & Band Edge

### 5.1 B71\_5MHz

#### 5.1.1 Test Result

Band: 71 / Bandwidth: 5MHz / NTN						
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



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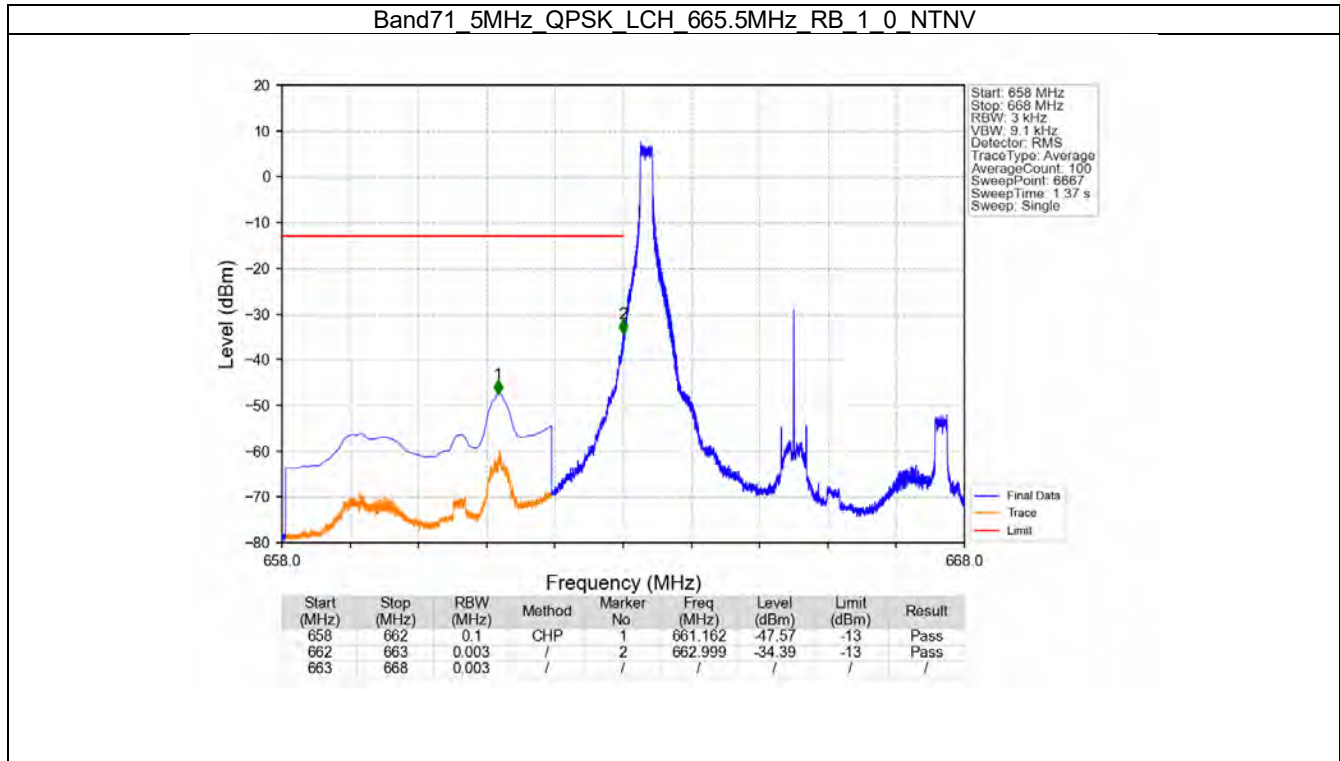
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5.1.2 Test Graph



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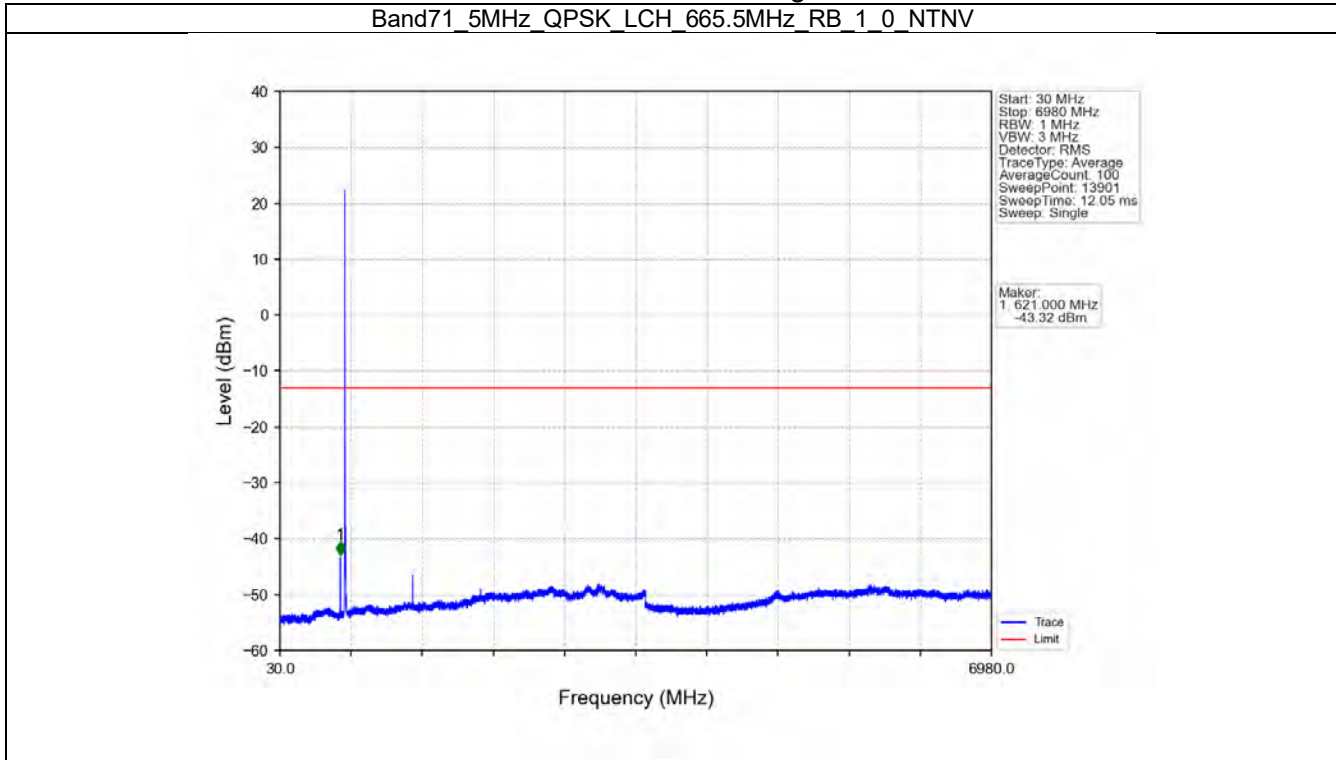
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Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_1\_0\_NTNV



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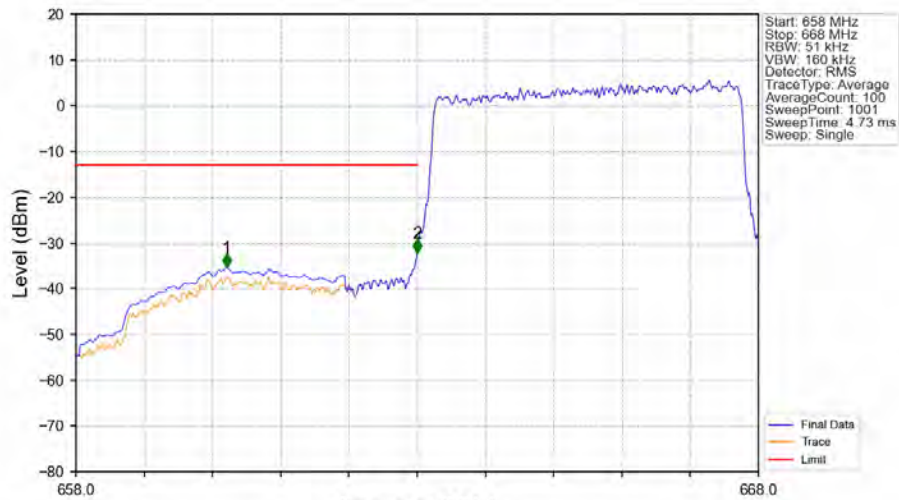
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Band71\_5MHz\_QPSK\_LCH\_665.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662	0.1	CHP	1	660.210	-35.44	-13	Pass
662	663	0.051	/	2	663.000	-32.22	-13	Pass
663	668	0.051	/	/	/	/	/	/



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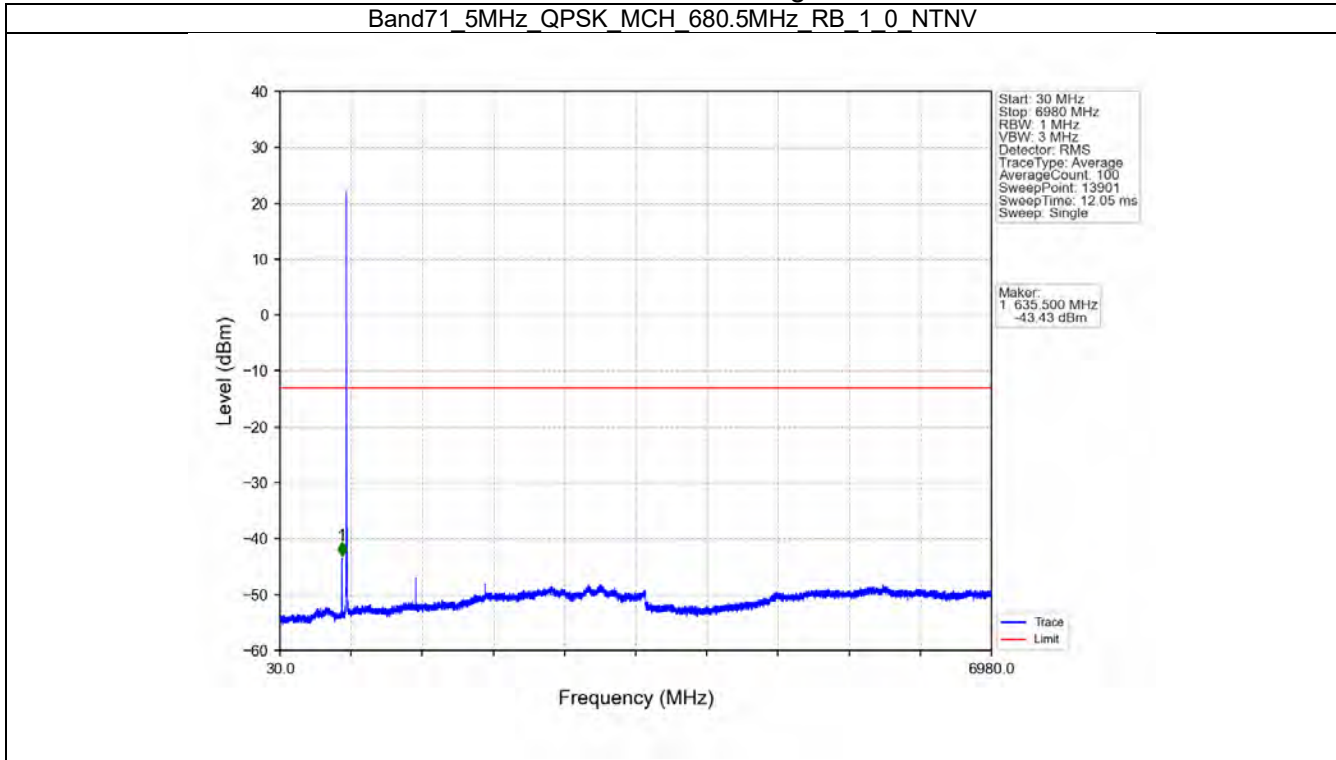
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Band71 5MHz QPSK MCH 680.5MHz RB 1\_0 NTN



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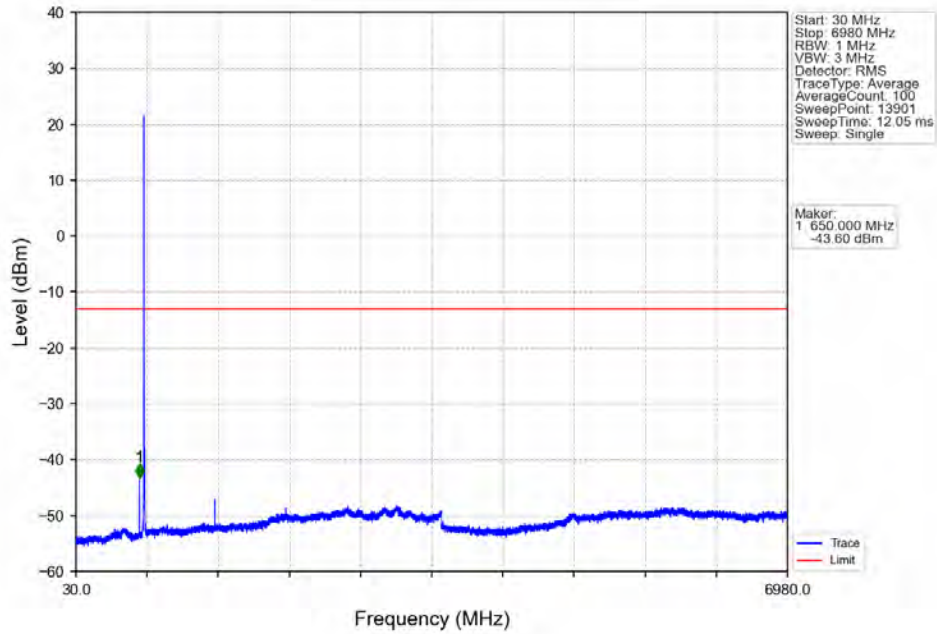


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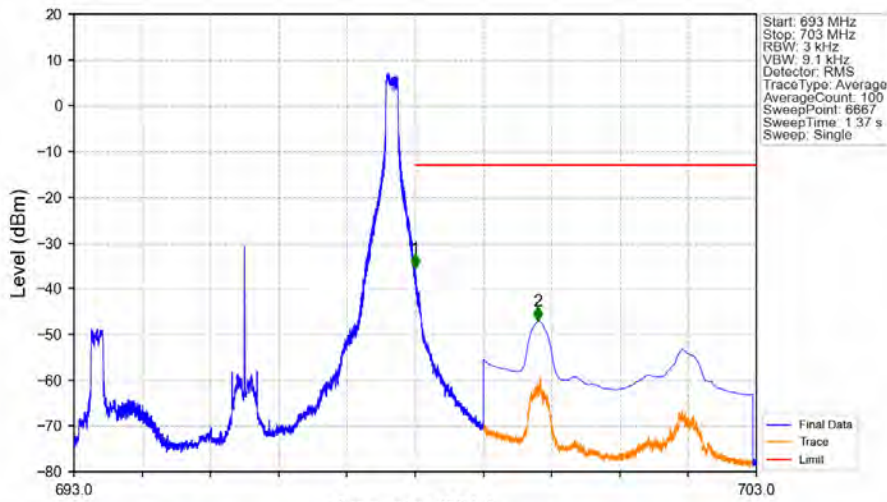
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Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_1\_24\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.003	/	1	698.000	-35.54	-13	Pass
698	699	0.003	/	2	699.797	-46.99	-13	Pass
699	703	0.1	CHP					



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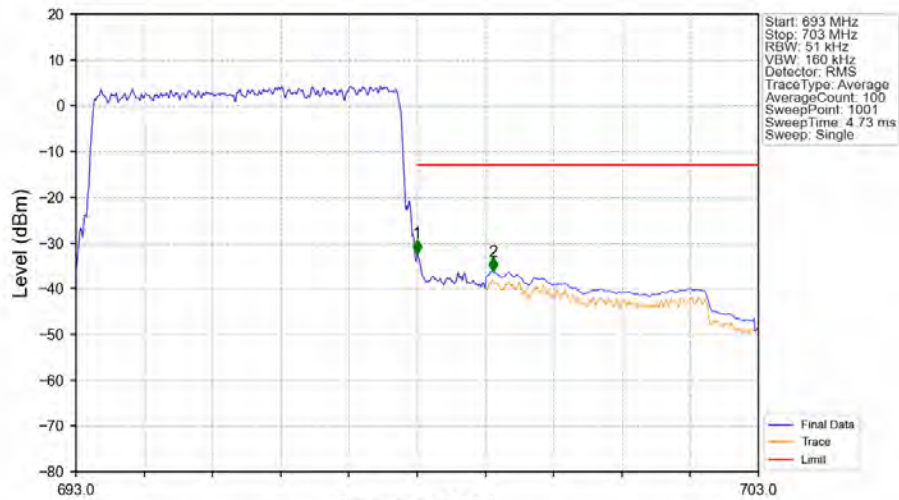
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Band71\_5MHz\_QPSK\_HCH\_695.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
693	698	0.051	/	1	698.000	-32.32	-13	Pass
698	699	0.051	/	2	699.110	-36.25	-13	Pass
699	703	0.1	CHP					



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5.2 B71\_10MHz

5.2.1 Test Result

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	
	49			Refer To Test Graph		Pass
	50	0	Refer To Test Graph		Pass	

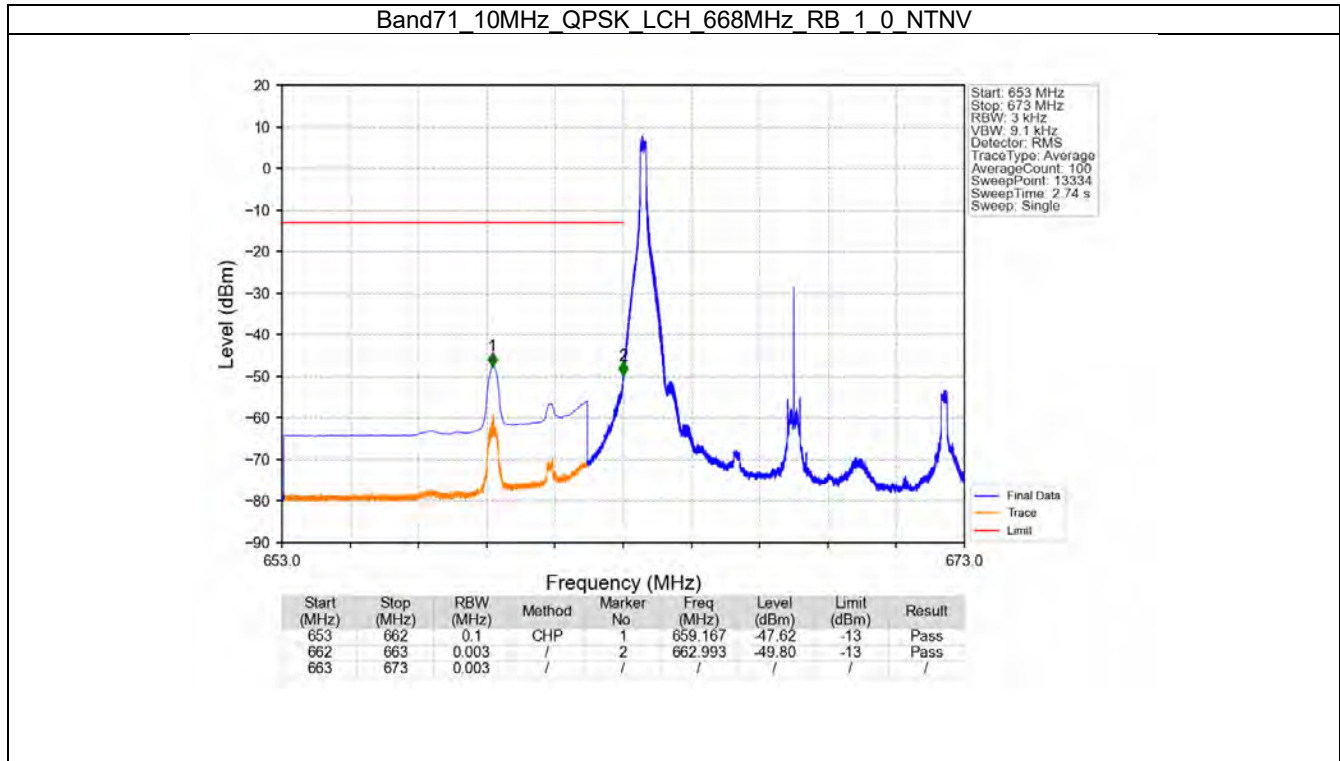


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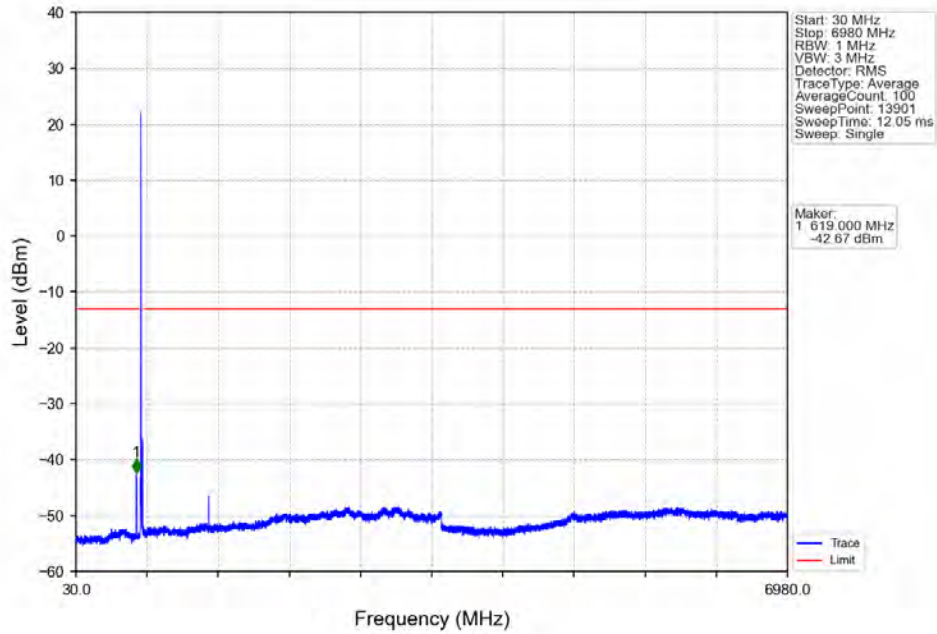
5.2.2 Test Graph



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Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_1\_0\_NTNV



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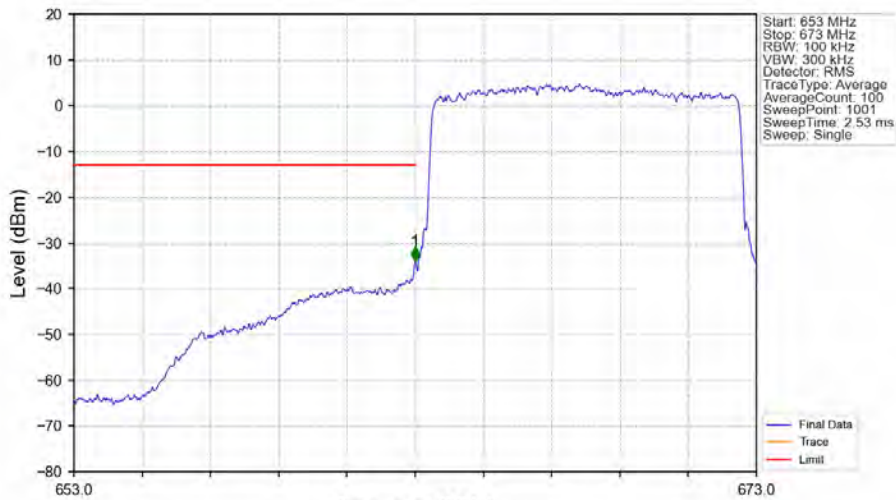
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Band71\_10MHz\_QPSK\_LCH\_668MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	663	0.1	/	1	663.000	-33.96	-13	Pass
663	673	0.1	/	/	/	/	/	/



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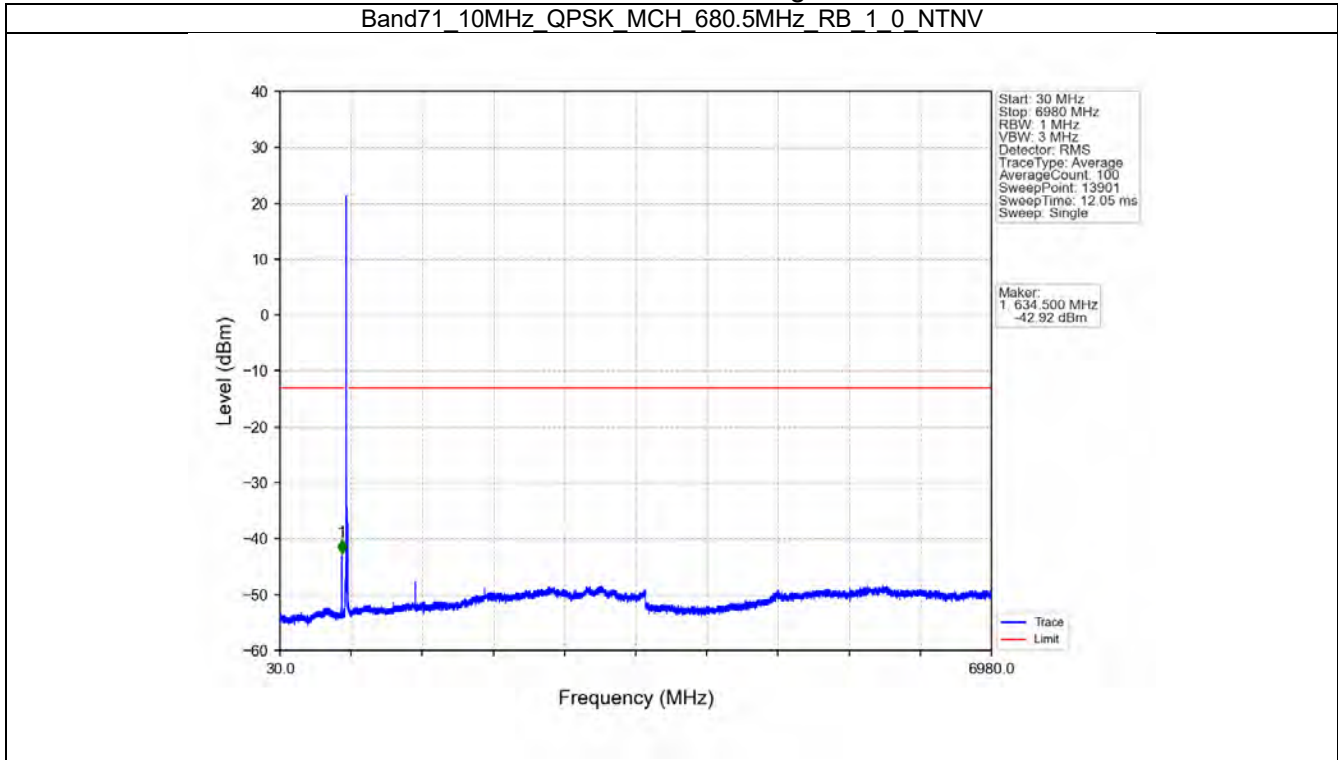
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Band71\_10MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



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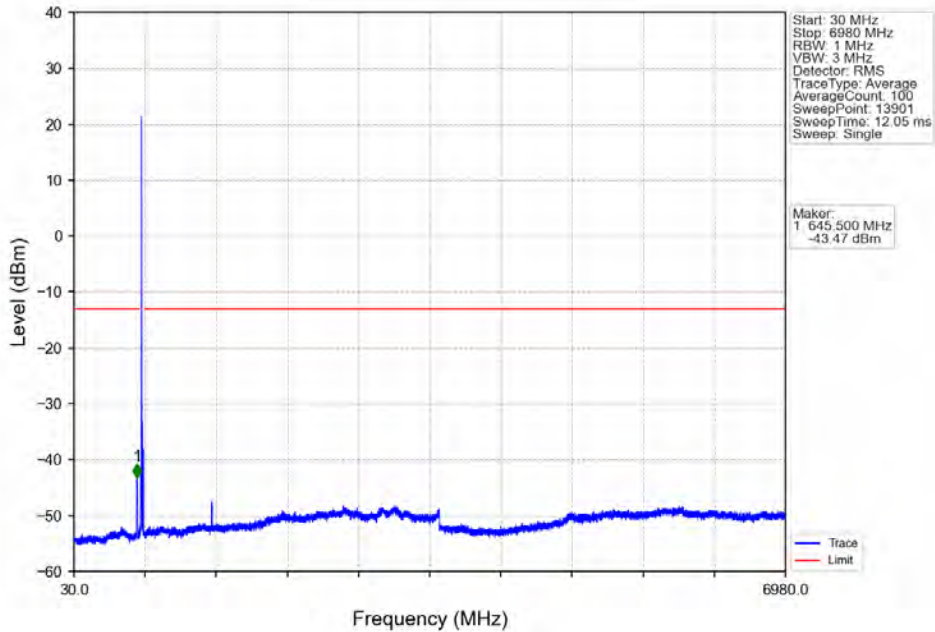


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Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_1\_0\_NTNV



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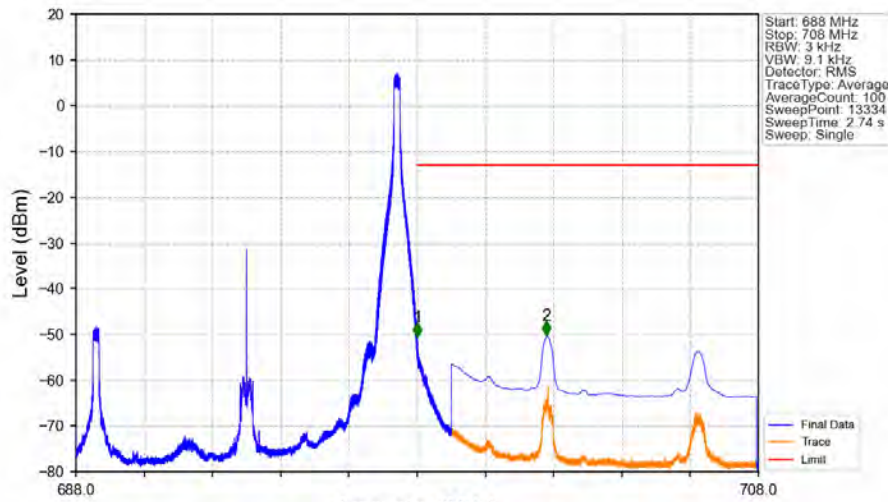
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Band71 10MHz\_QPSK\_HCH\_693MHz\_RB 1\_49\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.003	/	1	698.002	-50.52	-13	Pass
698	699	0.003	/	/	/	/	/	/
699	708	0.1	CHP	2	701.793	-50.24	-13	Pass



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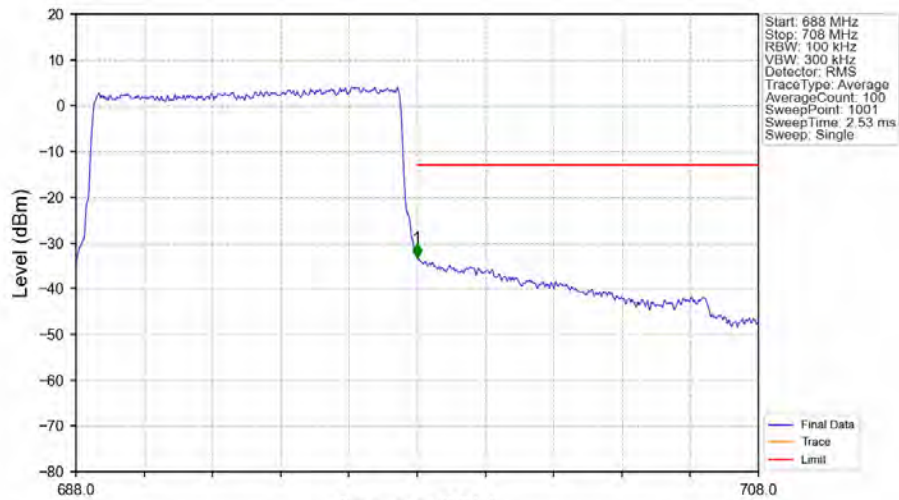
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Band71\_10MHz\_QPSK\_HCH\_693MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
688	698	0.1	/	1	698.000	-33.27	-13	Pass



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### 5.3 B71\_15MHz

#### 5.3.1 Test Result

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

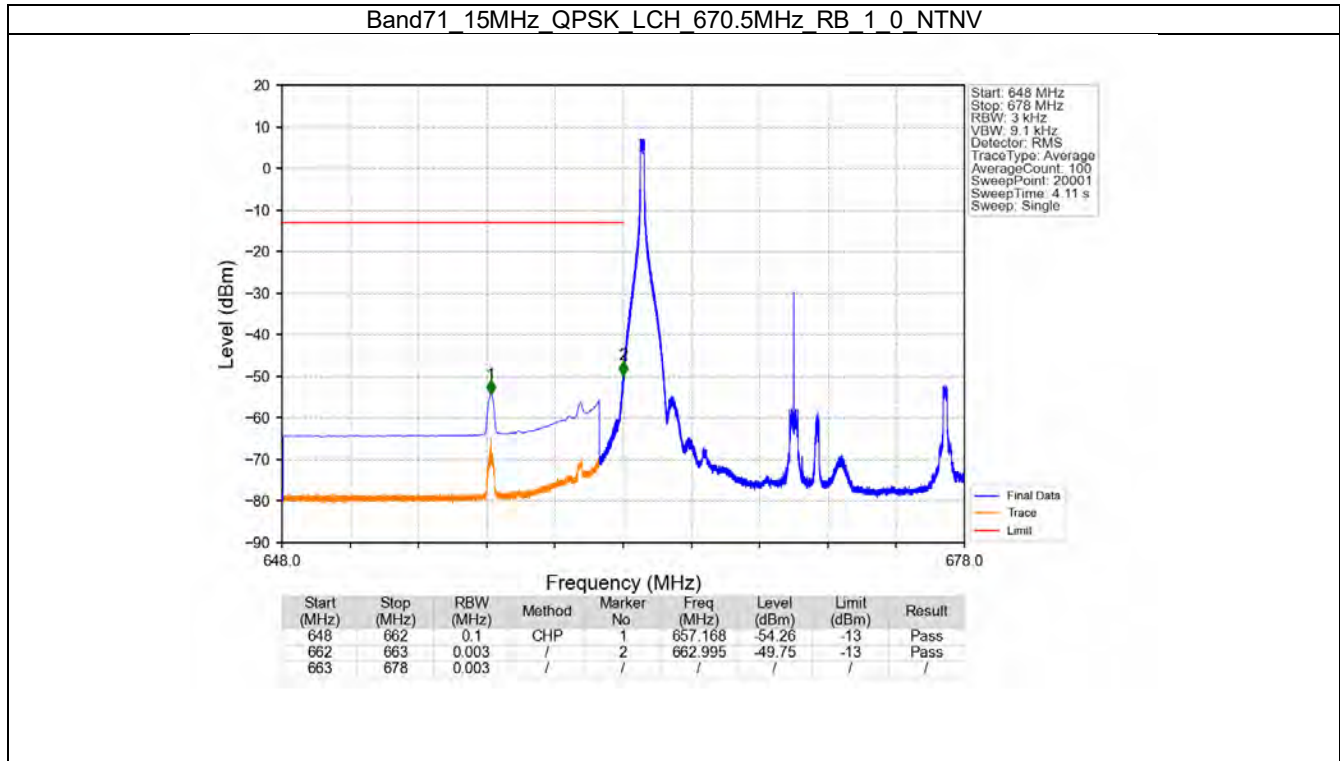


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5.3.2 Test Graph



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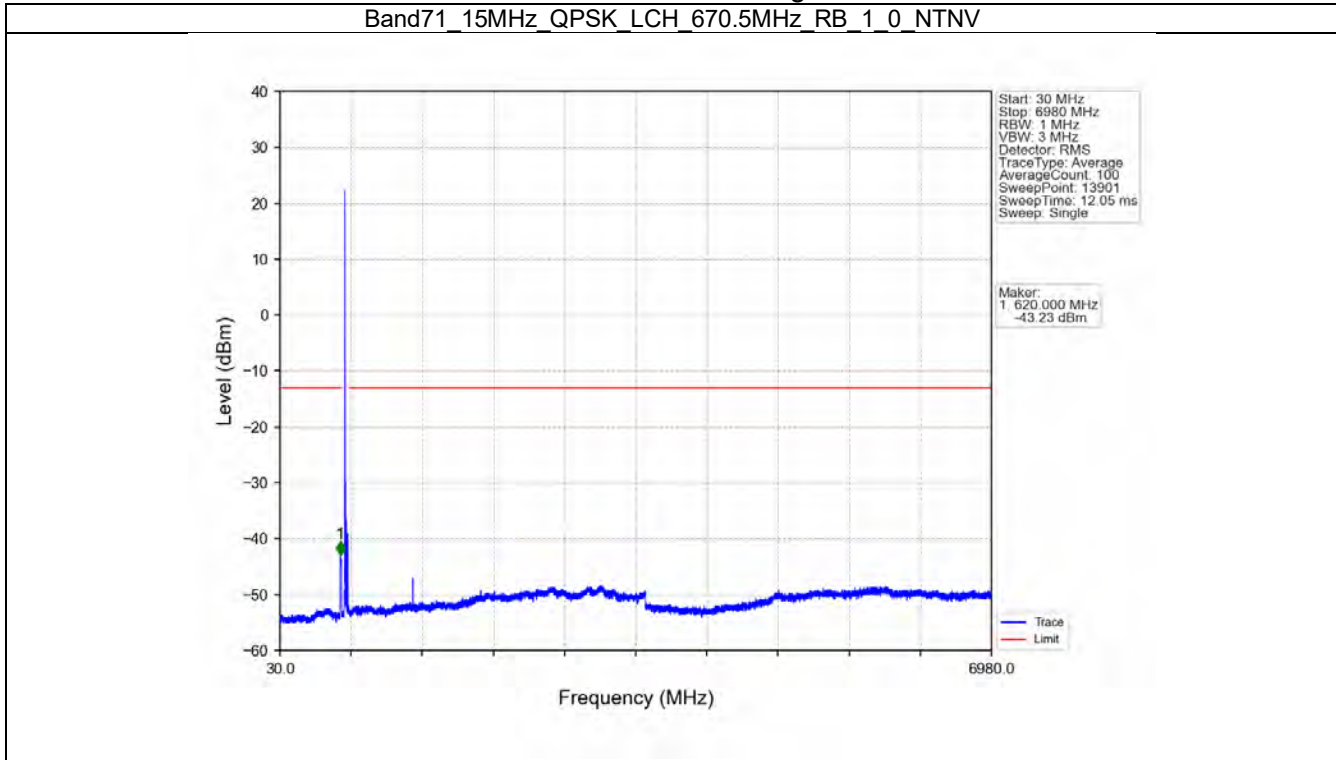
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Band71\_15MHz\_QPSK\_LCH\_670.5MHz\_RB\_1\_0\_NTNV



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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	0.1	/	1	660.960	-38.37	-13	Pass
662	663	0.149	/	2	663.000	-38.12	-13	Pass
663	678	0.149	/	/	/	/	/	/



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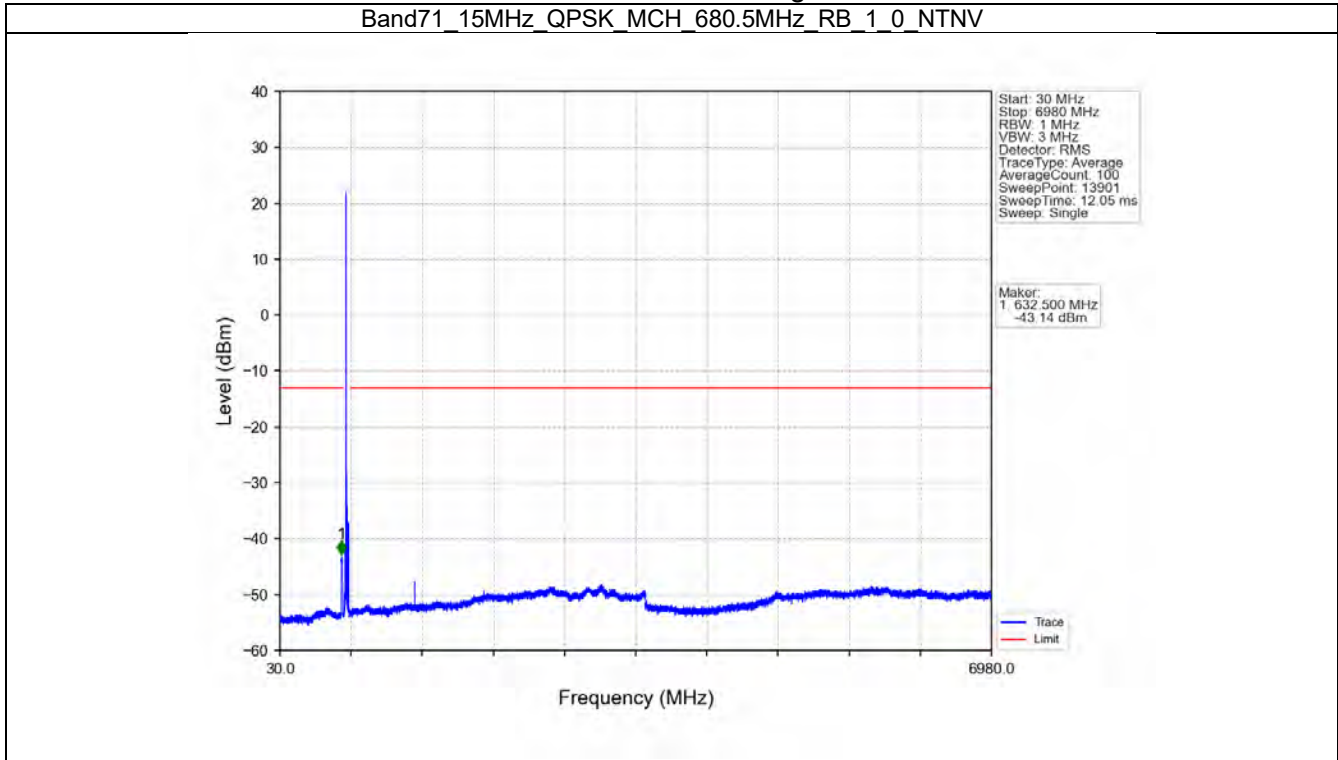
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Band71\_15MHz\_QPSK\_MCH\_680.5MHz\_RB\_1\_0\_NTNV



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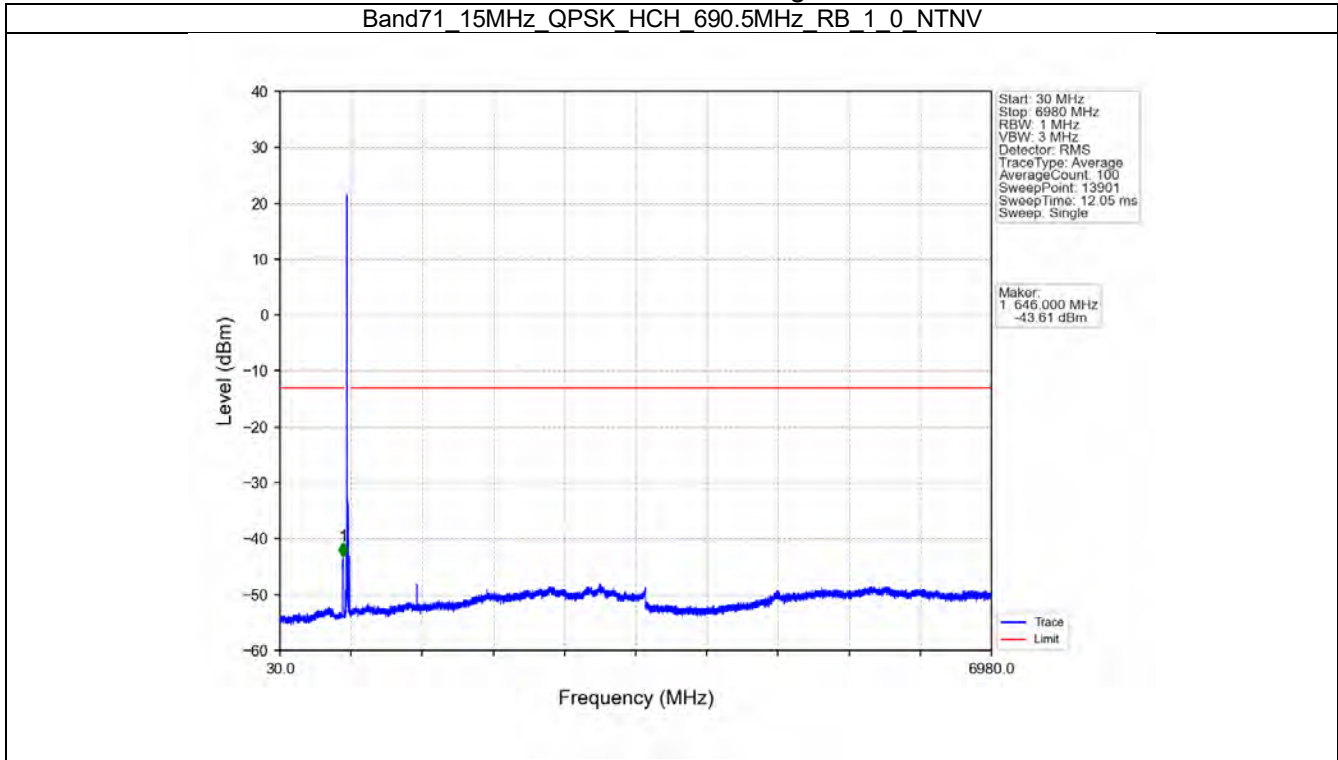


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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_1\_0\_NTNV



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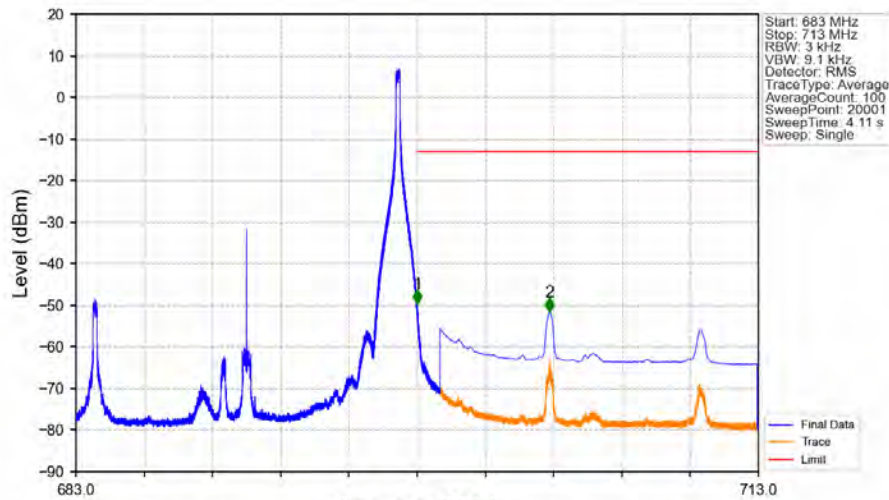
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_1\_74\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.003	/	1	698.003	-49.59	-13	Pass
698	699	0.003	/	1	698.003	-49.59	-13	Pass
699	713	0.1	CHP	2	703.808	-51.58	-13	Pass



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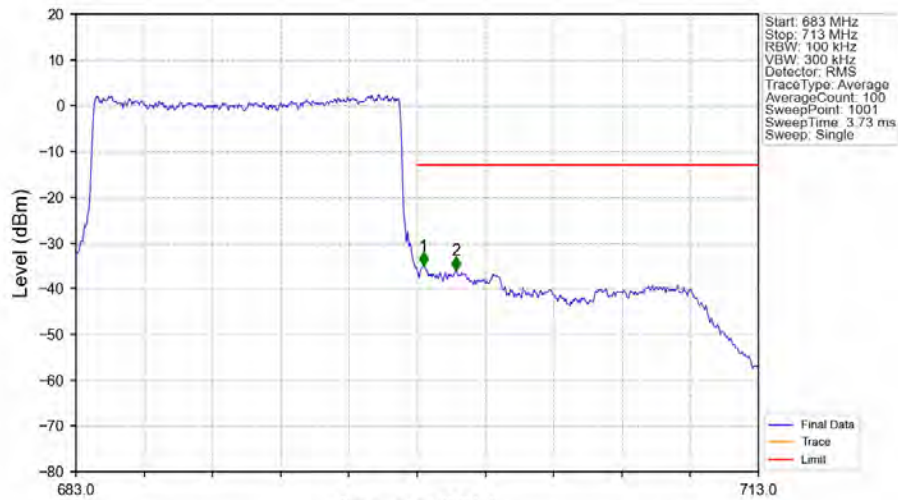
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Band71\_15MHz\_QPSK\_HCH\_690.5MHz\_RB\_75\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
683	698	0.151	/	/	/	/	/	/
698	699	0.151	/	1	698.270	-35.01	-13	Pass
699	713	0.1	/	2	699.710	-36.02	-13	Pass



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5.4 B71\_20MHz

5.4.1 Test Result

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	
	99			Refer To Test Graph		Pass
	100		0	Refer To Test Graph		Pass

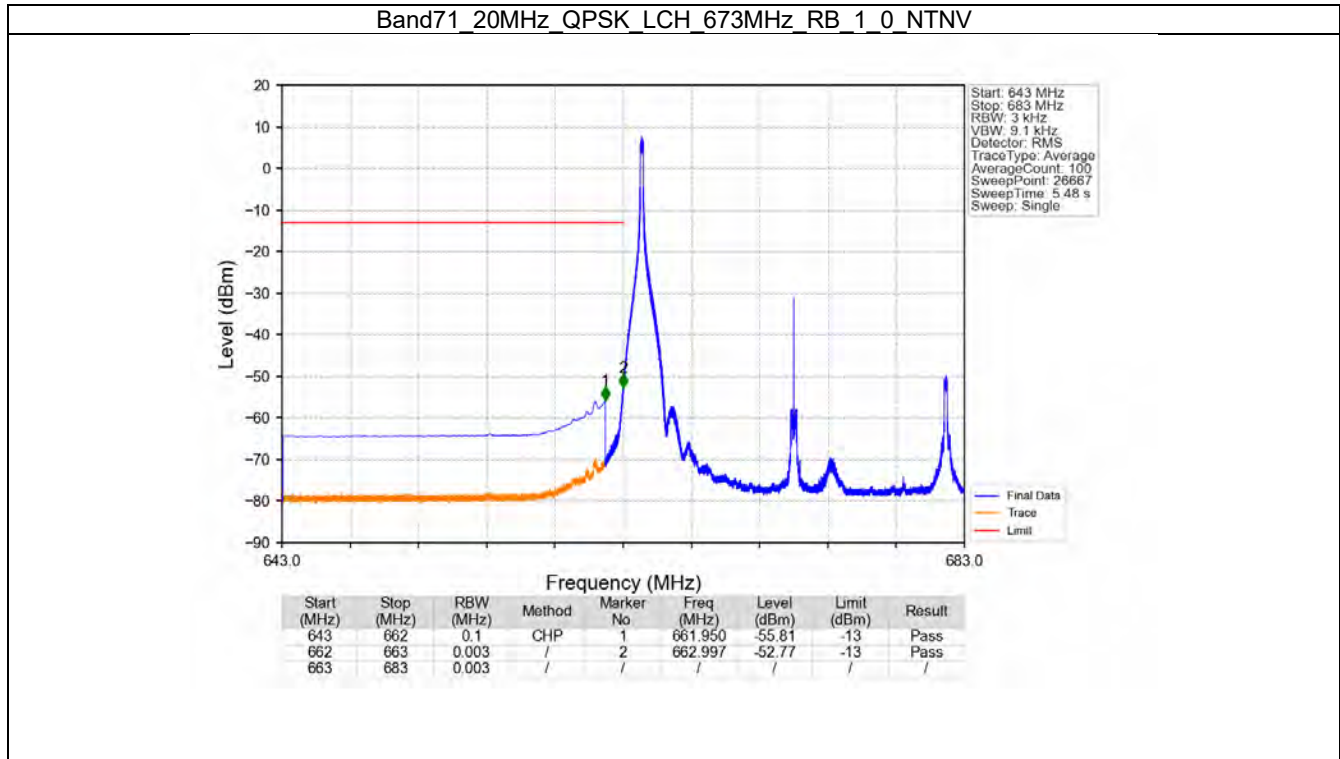


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5.4.2 Test Graph



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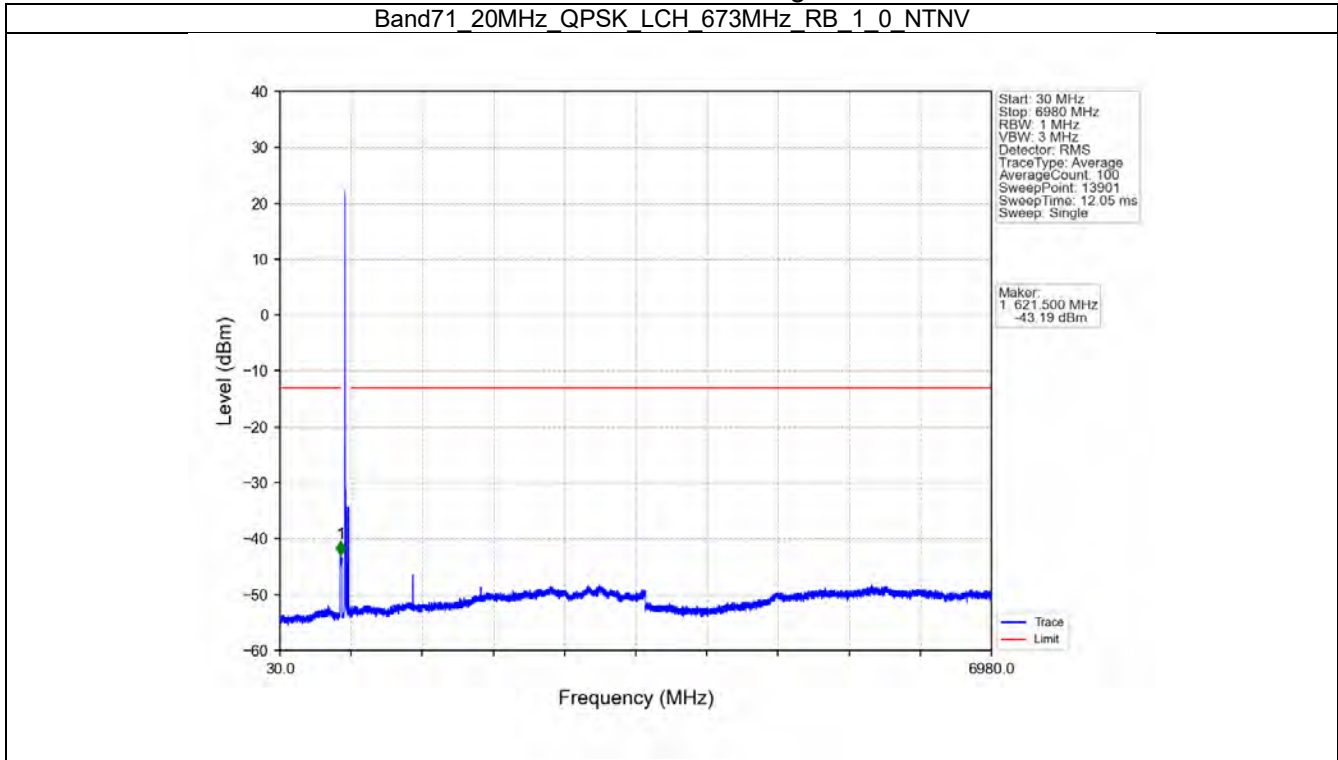
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Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_1\_0\_NTNV



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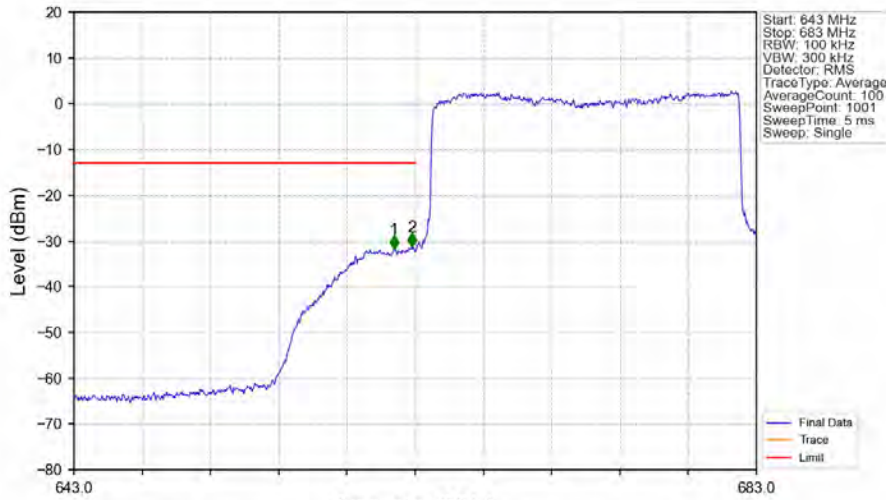
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Band71\_20MHz\_QPSK\_LCH\_673MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662	0.1	/	1	661.760	-31.90	-13	Pass
662	663	0.198	/	2	662.800	-31.36	-13	Pass
663	683	0.198	/	/	/	/	/	/



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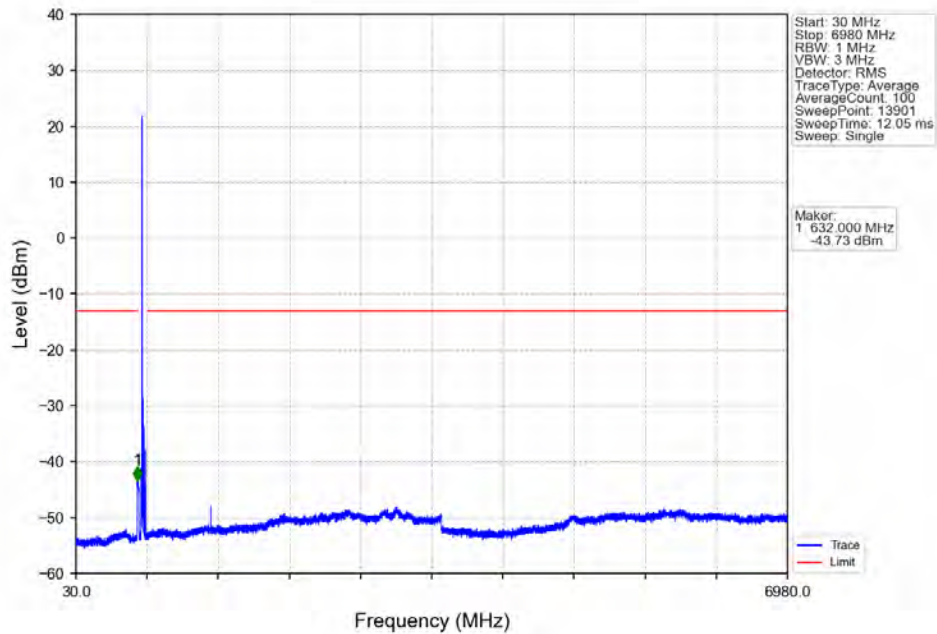
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Band71\_20MHz\_QPSK\_MCH\_683MHz\_RB\_1\_0\_NTNV



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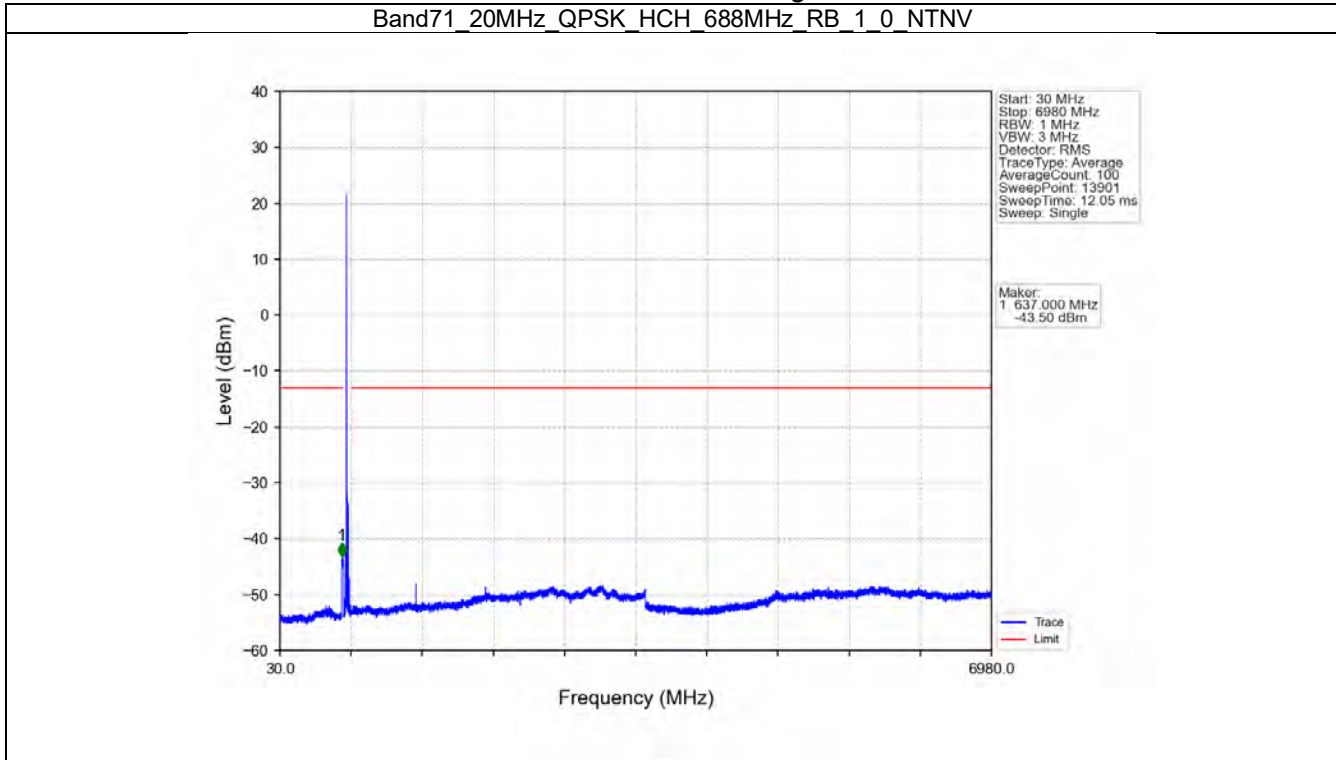


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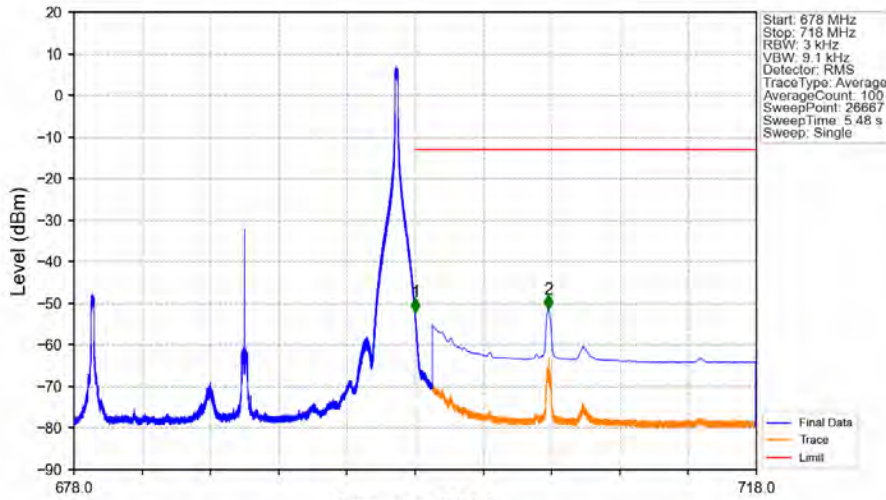
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Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_1\_99\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.003	/	1	698.005	-52.09	-13	Pass
698	699	0.003	/	1	698.005	-52.09	-13	Pass
699	718	0.1	CHP	2	705.790	-51.45	-13	Pass



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t (86-512) 62992980 www.sgs.com.cn

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 sgs.china@sgs.com

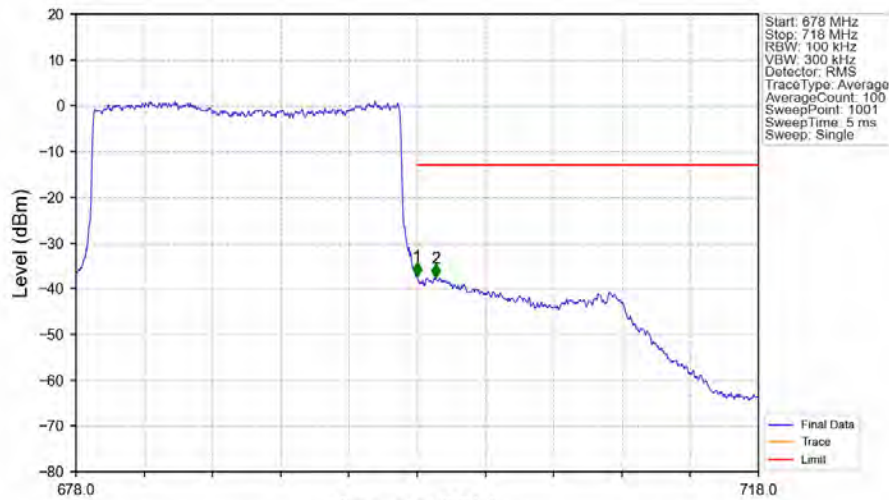
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Band71\_20MHz\_QPSK\_HCH\_688MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.198	/	/	/	/	/	/
698	699	0.198	/	1	698.000	-37.29	-13	Pass
699	718	0.1	/	2	699.080	-37.69	-13	Pass



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t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com

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## 6. Field Strength of Spurious Radiation

**Test Band = LTE Band 71\_ TM1**

**Test Channel = Low Channel**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1170.8571	46.65	-48.49	25.14	-71.95	-13.00	58.95	Horizontal
2	1550.2857	46.23	-48.30	25.35	-71.98	-13.00	58.98	Horizontal
3	2062.8571	46.52	-47.78	26.33	-70.19	-13.00	57.19	Horizontal
4	2676.5714	46.03	-47.02	27.52	-68.73	-13.00	55.73	Horizontal
5	3574.2857	45.22	-46.39	28.72	-67.71	-13.00	54.71	Horizontal
6	4900	44.73	-45.58	31.24	-64.87	-13.00	51.87	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1266.8571	46.77	-48.28	25.13	-71.63	-13.00	58.63	Vertical
2	1676.5714	46.11	-48.19	25.48	-71.86	-13.00	58.86	Vertical
3	2208.5714	46.56	-47.66	26.62	-69.75	-13.00	56.75	Vertical
4	2972	45.49	-46.53	28.05	-68.25	-13.00	55.25	Vertical
5	3801.1429	44.42	-46.16	29.08	-67.92	-13.00	54.92	Vertical
6	5419.4286	45.41	-45.00	32.15	-62.70	-13.00	49.70	Vertical



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 t (86-512) 62992980 sgs.china@sgs.com

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Test Band = LTE Band 71\_ TM1  
 Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1301.7143	46.98	-48.13	25.15	-71.26	-13.00	58.26	Horizontal
2	1758.2857	45.99	-48.04	25.56	-71.75	-13.00	58.75	Horizontal
3	2546.8571	46.34	-47.11	27.28	-68.75	-13.00	55.75	Horizontal
4	3063.4286	45.95	-46.67	28.16	-67.81	-13.00	54.81	Horizontal
5	4408.5714	44.68	-45.87	30.38	-66.06	-13.00	53.06	Horizontal
6	5765.7143	44.55	-44.63	32.35	-62.99	-13.00	49.99	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1304.5714	46.83	-48.12	25.15	-71.40	-13.00	58.40	Vertical
2	1595.4286	46.28	-48.28	25.40	-71.87	-13.00	58.87	Vertical
3	2372.5714	46.41	-47.46	26.95	-69.37	-13.00	56.37	Vertical
4	3044.5714	45.60	-46.62	28.14	-68.14	-13.00	55.14	Vertical
5	4431.4286	44.65	-45.80	30.44	-65.97	-13.00	52.97	Vertical
6	5930.2857	45.04	-44.81	32.39	-62.64	-13.00	49.64	Vertical



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Test Band = LTE Band 71\_ TM1  
 Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1266.8571	46.97	-48.28	25.13	-71.43	-13.00	58.43	Horizontal
2	1640	46.25	-48.23	25.44	-71.80	-13.00	58.80	Horizontal
3	2401.7143	46.45	-47.45	27.00	-69.25	-13.00	56.25	Horizontal
4	3032.5714	45.68	-46.59	28.13	-68.04	-13.00	55.04	Horizontal
5	4110.8571	43.95	-45.91	29.67	-67.55	-13.00	54.55	Horizontal
6	5464	44.72	-45.08	32.24	-63.38	-13.00	50.38	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1302.2857	46.78	-48.13	25.15	-71.46	-13.00	58.46	Vertical
2	1448	46.31	-48.15	25.25	-71.86	-13.00	58.86	Vertical
3	2229.1429	46.50	-47.63	26.66	-69.73	-13.00	56.73	Vertical
4	2896.5714	45.32	-46.58	27.91	-68.61	-13.00	55.61	Vertical
5	3957.1429	44.80	-46.21	29.33	-67.34	-13.00	54.34	Vertical
6	5256	44.94	-45.16	31.86	-63.62	-13.00	50.62	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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