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Appendix B.19

LTE Band 71



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1. Frequency Stability

1.1 B71_5MHz

1.1.1 Test Result

				Band: 7	1 / Bandwid	lth: 5MHz			
Modulation	Frequency	RB All	ocation	Temp.	Voltage	Freq. Error	Freq. vs. F	Rated (ppm)	Verdict
Modulation	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	verdict
					3.8	1.726	0.0026	-2.5 to 2.5	Pass
				20	4.0	1.164	0.0017	-2.5 to 2.5	Pass
					4.2	1.420	0.0021	-2.5 to 2.5	Pass
				-30	4.0	1.135	0.0017	-2.5 to 2.5	Pass
				-20	4.0	2.697	0.0041	-2.5 to 2.5	Pass
	665.5	25	0	-10	4.0	4.139	0.0062	-2.5 to 2.5	Pass
				0	4.0	1.186	0.0018	-2.5 to 2.5	Pass
				10	4.0	0.172	0.0003	-2.5 to 2.5	Pass
				30	4.0	1.029	0.0015	-2.5 to 2.5	Pass
				40	4.0	-0.006	0.0000	-2.5 to 2.5	Pass
				50	4.0	0.457	0.0007	-2.5 to 2.5	Pass
					3.8	1.121	0.0016	-2.5 to 2.5	Pass
				20	4.0	2.194	0.0032	-2.5 to 2.5	Pass
					4.2	0.491	0.0007	-2.5 to 2.5	Pass
				-30	4.0	1.650	0.0024	-2.5 to 2.5	Pass
				-20	4.0	0.306	0.0004	-2.5 to 2.5	Pass
QPSK 680.	680.5	25	0	-10	4.0	1.075	0.0016	-2.5 to 2.5	Pass
				0	4.0	2.396	0.0035	-2.5 to 2.5	Pass
				10	4.0	0.912	0.0013	-2.5 to 2.5	Pass
				30	4.0	0.574	0.0008	-2.5 to 2.5	Pass
				40	4.0	0.470	0.0007	-2.5 to 2.5	Pass
				50	4.0	0.966	0.0014	-2.5 to 2.5	Pass
					3.8	2.212	0.0032	-2.5 to 2.5	Pass
				20	4.0	-0.819	-0.0012	-2.5 to 2.5	Pass
					4.2	0.132	0.0002	-2.5 to 2.5	Pass
				-30	4.0	-0.493	-0.0007	-2.5 to 2.5	Pass
				-20	4.0	1.138	0.0016	-2.5 to 2.5	Pass
	695.5	25	0	-10	4.0	0.949	0.0014	-2.5 to 2.5	Pass
				0	4.0	0.736	0.0011	-2.5 to 2.5	Pass
				10	4.0	2.523	0.0036	-2.5 to 2.5	Pass
				30	4.0	0.738	0.0011	-2.5 to 2.5	Pass
				40	4.0	0.551	0.0008	-2.5 to 2.5	Pass
			<u> </u>	50	4.0	2.130	0.0031	-2.5 to 2.5	Pass
]		3.8	1.082	0.0016	-2.5 to 2.5	Pass
				20	4.0	1.121	0.0017	-2.5 to 2.5	Pass
					4.2	2.288	0.0034	-2.5 to 2.5	Pass
16QAM	665.5	25	0	-30	4.0	0.692	0.0010	-2.5 to 2.5	Pass
			0	-20	4.0	1.866	0.0028	-2.5 to 2.5	Pass
				-10	4.0	2.551	0.0038	-2.5 to 2.5	Pass
				0	4.0	-0.071	-0.0001	-2.5 to 2.5	Pass



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50 4.0 0.861 0.0012 -2.5 to 2.5 3.8 0.064 0.0001 -2.5 to 2.5 4.0 -0.149 -0.0002 -2.5 to 2.5 4.2 -0.345 -0.0005 -2.5 to 2.5 -30 4.0 0.057 0.0001 -2.5 to 2.5 -20 4.0 0.433 0.0007 -2.5 to 2.5 -20 4.0 0.433 0.0007 -2.5 to 2.5 -10 4.0 2.292 0.0034 -2.5 to 2.5	Pass
3.8 0.064 0.0001 -2.5 to 2.5 4.0 -0.149 -0.0002 -2.5 to 2.5 4.2 -0.345 -0.0005 -2.5 to 2.5 -30 4.0 0.057 0.0001 -2.5 to 2.5 -20 4.0 0.433 0.0007 -2.5 to 2.5 -20 4.0 0.433 0.0007 -2.5 to 2.5 -20 4.0 0.2292 0.0034 -2.5 to 2.5	Pass
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4.2 -0.345 -0.0005 -2.5 to 2.5 -30 4.0 0.057 0.0001 -2.5 to 2.5 -20 4.0 0.433 0.0007 -2.5 to 2.5 665.5 25 0 -10 4.0 2.292 0.0034 -2.5 to 2.5	Pass
-30 4.0 0.057 0.0001 -2.5 to 2.5 -20 4.0 0.433 0.0007 -2.5 to 2.5 -10 4.0 2.292 0.0034 -2.5 to 2.5	Pass
-20 4.0 0.433 0.0007 -2.5 to 2.5 665.5 25 0 -10 4.0 2.292 0.0034 -2.5 to 2.5	Pass
665.5 25 0 -10 4.0 2.292 0.0034 -2.5 to 2.5	Pass
	Pass
1 1 1 1 2 1 7.0 1 1.100 1 0.0010 1 2.010 2.0	Pass
10 4.0 -0.735 -0.0011 -2.5 to 2.5	Pass
30 4.0 -0.673 -0.0010 -2.5 to 2.5	Pass
40 4.0 0.945 0.0014 -2.5 to 2.5	Pass
50 4.0 -1.911 -0.0029 -2.5 to 2.5	Pass
3.8 0.585 0.0009 -2.5 to 2.5	Pass
64QAM 20 4.0 1.832 0.0027 -2.5 to 2.5	Pass
4.2 0.847 0.0012 -2.5 to 2.5	Pass
-30 4.0 0.855 0.0013 -2.5 to 2.5	Pass
-20 4.0 1.151 0.0017 -2.5 to 2.5	Pass
680.5 25 0 -10 4.0 -1.108 -0.0016 -2.5 to 2.5	Pass
0 4.0 0.114 0.0002 -2.5 to 2.5	Pass
10 4.0 1.117 0.0016 -2.5 to 2.5	Pass
30 4.0 3.484 0.0051 -2.5 to 2.5	Pass
40 4.0 2.066 0.0030 -2.5 to 2.5	Pass
50 4.0 0.741 0.0011 -2.5 to 2.5	Pass
3.8 3.011 0.0043 -2.5 to 2.5	Pass
695.5 25 0 20 3.6 3.6 0.0043 -2.5 to 2.5 to 2.5	Pass



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	4.2	1.741	0.0025	-2.5 to 2.5	Pass
-30	4.0	0.257	0.0004	-2.5 to 2.5	Pass
-20	4.0	1.752	0.0025	-2.5 to 2.5	Pass
-10	4.0	2.253	0.0032	-2.5 to 2.5	Pass
0	4.0	0.266	0.0004	-2.5 to 2.5	Pass
10	4.0	0.393	0.0006	-2.5 to 2.5	Pass
30	4.0	0.996	0.0014	-2.5 to 2.5	Pass
40	4.0	1.609	0.0023	-2.5 to 2.5	Pass
50	4.0	0.761	0.0011	-2.5 to 2.5	Pass



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1.2 B71_10MHz

1.2.1 Test Result

				Band: 71	/ Bandwid	th: 10MHz			
Madulation	Frequency	RB All	ocation	Temp.	Voltage	Freq. Error	Freq. vs. F	Rated (ppm)	Vordict
Modulation	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	Verdict
					3.8	3.516	0.0053	-2.5 to 2.5	Pass
				20	4.0	2.027	0.0030	-2.5 to 2.5	Pass
					4.2	3.106	0.0046	-2.5 to 2.5	Pass
				-30	4.0	2.875	0.0043	-2.5 to 2.5	Pass
				-20	4.0	0.978	0.0015	-2.5 to 2.5	Pass
	668	50	0	-10	4.0	1.428	0.0021	-2.5 to 2.5	Pass
				0	4.0	1.043	0.0016	-2.5 to 2.5	Pass
				10	4.0	1.636	0.0024	-2.5 to 2.5	Pass
				30	4.0	3.498	0.0052	-2.5 to 2.5	Pass
				40	4.0	1.488	0.0022	-2.5 to 2.5	Pass
				50	4.0	-0.789	-0.0012	-2.5 to 2.5	Pass
					3.8	0.027	0.0000	-2.5 to 2.5	Pass
				20	4.0	0.304	0.0004	-2.5 to 2.5	Pass
					4.2	0.296	0.0004	-2.5 to 2.5	Pass
				-30	4.0	0.919	0.0014	-2.5 to 2.5	Pass
				-20	4.0	0.156	0.0002	-2.5 to 2.5	Pass
QPSK	QPSK 680.5	50	0	-10	4.0	-0.474	-0.0007	-2.5 to 2.5	Pass
				0	4.0	0.731	0.0011	-2.5 to 2.5	Pass
				10	4.0	2.492	0.0037	-2.5 to 2.5	Pass
				30	4.0	2.659	0.0039	-2.5 to 2.5	Pass
				40	4.0	0.628	0.0009	-2.5 to 2.5	Pass
				50	4.0	1.679	0.0025	-2.5 to 2.5	Pass
					3.8	0.957	0.0014	-2.5 to 2.5	Pass
				20	4.0	0.571	0.0008	-2.5 to 2.5	Pass
					4.2	0.932	0.0013	-2.5 to 2.5	Pass
				-30	4.0	2.590	0.0037	-2.5 to 2.5	Pass
				-20	4.0	1.472	0.0021	-2.5 to 2.5	Pass
	693	50	0	-10	4.0	-0.417	-0.0006	-2.5 to 2.5	Pass
				0	4.0	1.042	0.0015	-2.5 to 2.5	Pass
				10	4.0	1.877	0.0027	-2.5 to 2.5	Pass
				30	4.0	2.564	0.0037	-2.5 to 2.5	Pass
				40	4.0	1.142	0.0016	-2.5 to 2.5	Pass
				50	4.0	1.353	0.0020	-2.5 to 2.5	Pass
					3.8	1.155	0.0017	-2.5 to 2.5	Pass
				20	4.0	-1.159	-0.0017	-2.5 to 2.5	Pass
					4.2	1.913	0.0029	-2.5 to 2.5	Pass
				-30	4.0	0.633	0.0009	-2.5 to 2.5	Pass
16QAM	668	50	0	-20	4.0	-0.107	-0.0002	-2.5 to 2.5	Pass
				-10	4.0	1.341	0.0020	-2.5 to 2.5	Pass
				0	4.0	0.445	0.0007	-2.5 to 2.5	Pass
			_	10	4.0	1.171	0.0018	-2.5 to 2.5	Pass
				30	4.0	1.307	0.0020	-2.5 to 2.5	Pass



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680.5 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						4.0		0.0034	-2.5 to 2.5	Pass
Reserve					50					Pass
Record R						3.8	2.309	0.0034	-2.5 to 2.5	Pass
680.5 50 0 0 1.668 0.0025 2.25 0.2.5 Pass					20	4.0	1.742		-2.5 to 2.5	Pass
680.5 50 0						4.2	1.791	0.0026	-2.5 to 2.5	Pass
680.5 50 0 1-10 4.0 2.632 0.0039 2.2.5 to 2.5 Pass 0.0 4.0 0.1644 0.0002 2.5 to 2.5 Pass 10 0 4.0 0.649 0.0010 2.5 to 2.5 Pass 30 4.0 0.049 0.0010 2.5 to 2.5 Pass 50 4.0 1.653 0.0024 2.5 to 2.5 Pass 50 4.0 1.941 0.0029 2.5 to 2.5 Pass 50 4.0 1.941 0.0029 2.5 to 2.5 Pass 20 4.0 0.611 0.0009 2.5 to 2.5 Pass 20 4.0 0.611 0.0009 2.5 to 2.5 Pass 20 4.0 0.611 0.0009 2.5 to 2.5 Pass 20 4.0 0.0013 2.5 to 2.5 Pass 20 4.0 0.0003 2.5 to 2.5 Pass 20 4.0 0.0004 2.5					-30	4.0	1.668	0.0025	-2.5 to 2.5	Pass
64QAM 0					-20	4.0	1.869	0.0027	-2.5 to 2.5	Pass
64QAM 10		680.5	50	0	-10	4.0	2.632	0.0039	-2.5 to 2.5	Pass
Section Sect					0	4.0	0.164	0.0002	-2.5 to 2.5	Pass
40					10	4.0	0.649	0.0010	-2.5 to 2.5	Pass
64QAM 50					30	4.0	-0.049	-0.0001	-2.5 to 2.5	Pass
693 50 0 38 0.433 0.0006 2.25 to 2.5 Pass 4.2 0.240 0.0003 2.5 to 2.5 Pass 5.30 4.0 1.246 0.0018 2.5 to 2.5 Pass 6.30 4.0 1.246 0.0018 2.5 to 2.5 Pass 7.30 4.0 1.246 0.0018 2.5 to 2.5 Pass 0.25 0.25 Pass 0.25 0.25 Pass 1.30 4.0 1.382 0.0020 2.5 to 2.5 Pass 1.00 4.0 1.382 0.0020 2.5 to 2.5 Pass 1.00 4.0 1.382 0.0020 2.5 to 2.5 Pass 1.00 4.0 1.383 0.0020 2.5 to 2.5 Pass 1.00 4.0 1.383 0.0020 2.5 to 2.5 Pass 1.00 4.0 1.493 0.0048 2.5 to 2.5 Pass 1.00 4.0 1.493 0.0022 2.5 to 2.5 Pass 1.00 4.0 0.502 0.0007 2.5 to 2.5 Pass 1.00 4.0 0.502 0.0007 2.5 to 2.5 Pass 1.00 4.0 0.865 0.0013 2.5 to 2.5 Pass 1.00 4.0 0.502 0.0008 2.5 to 2.5 Pass 1.00 4.0 0.0008 2					40	4.0	1.653	0.0024	-2.5 to 2.5	Pass
693 50 0 4.0 -0.611 -0.0009 -2.5 to 2.5 Pass -2.5					50	4.0	1.941	0.0029	-2.5 to 2.5	Pass
693 50 0 4.0 1.246 0.0003 -2.5 to 2.5 Pass Pass -20 4.0 1.246 0.0018 -2.5 to 2.5 Pass -25 to 2.5 Pass -25 to 2.5 Pass -26 to 2.5 to 2.5 Pass -27 4.0 2.284 0.0033 -2.5 to 2.5 Pass -28 4.0 2.284 0.0033 -2.5 to 2.5 Pass -28 4.0 4.0 2.284 0.0034 -2.5 to 2.5 Pass -28 4.0 4.0 1.382 0.0020 -2.5 to 2.5 Pass -28 4.0 4.0 2.567 0.0038 -2.5 to 2.5 Pass -28 4.0 4.0 4.0 0.502 0.0007 -2.5 to 2.5 Pass -28 4.0 4.0 4.0 0.502 0.0007 -2.5 to 2.5 Pass -28 4.0 4.0 0.865 0.0013 -2.5 to 2.5 Pass -28 4.2 0.518 0.0003 -2.5 to 2.5 Pass -28 4.2 0.518 0.0003 -2.5 to 2.5 Pass -29 4.0 0.865 0.0013 -2.5 to 2.5 Pass -20 4.0 -0.502 0.0008 -2.5 to 2.5 Pass -20 4.0 -0.389 0.0006 -2.5 to 2.5 Pass -20 4.0 1.636 0.0021 -2.5 to 2.5 Pass -20 4.0 1.636 0.0025 -2.5 to 2.5 Pass -20 4.0 1.646 0.0025 -2.5 to 2.5 Pass -20 4.0 1.693 0.0026 -2.5 to 2.5 Pass -20 4.0 1.693 0.0026 -2.5 to 2.5 Pass -20 4.0 1.693 0.0025 -2.5 to 2.5 Pass -20 4.0 1.0000 -2.5 to 2.5 Pass -20 4.0 1.0000 -2.5 to 2.5 Pass -20 4.0 1.0000 -						3.8	0.433	0.0006	-2.5 to 2.5	Pass
693 50 0 1.246 0.0018 -2.5 to 2.5 Pass Pass					20	4.0	-0.611	-0.0009	-2.5 to 2.5	Pass
693 50 0				0		4.2	0.240	0.0003	-2.5 to 2.5	Pass
693 50 0					-30	4.0	1.246	0.0018	-2.5 to 2.5	Pass
64QAM 0					-20	4.0	2.284	0.0033		Pass
64QAM 10 4.0 2.657 0.0038 -2.5 to 2.5 Pass		693	50		-10	4.0	1.382	0.0020	-2.5 to 2.5	Pass
64QAM 30					0	4.0	3.340	0.0048	-2.5 to 2.5	Pass
64QAM 30					10	4.0	2.657	0.0038	-2.5 to 2.5	Pass
64QAM 50					30	4.0	1.493	0.0022		Pass
64QAM 680.5 50 0 0 0 0 0 0 0 0 0 0 0					40	4.0	0.502	0.0007	-2.5 to 2.5	Pass
64QAM 688 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					50	4.0	-0.235	-0.0003	-2.5 to 2.5	Pass
64QAM 680.5 68						3.8	-0.969	-0.0015	-2.5 to 2.5	Pass
668 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					20	4.0	0.865	0.0013	-2.5 to 2.5	Pass
668 50 0						4.2	0.518	0.0008	-2.5 to 2.5	Pass
668 50 0 -10 4.0 -0.013 0.0000 -2.5 to 2.5 Pass 0 4.0 -0.389 -0.0006 -2.5 to 2.5 Pass 10 4.0 -0.157 -0.0002 -2.5 to 2.5 Pass 30 4.0 1.636 0.0024 -2.5 to 2.5 Pass 40 4.0 1.646 0.0025 -2.5 to 2.5 Pass 50 4.0 1.436 0.0021 -2.5 to 2.5 Pass 20 4.0 2.115 0.0031 -2.5 to 2.5 Pass 4.2 -0.744 -0.0011 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass 0 4.0 1.693 0.0025 -2.5 to 2.5 Pass 10 4.0 1.693 0.0025 -2.5 to 2.5 Pass 0 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 30 4.0 2.249 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 30 4.0 0.781 0.0011 -2.5 to 2.5 Pass 40 0.781 0.0011 -2.5 to 2.5 Pass 42 1.034 0.0015 -2.5 to 2.5 Pass 42 1.034 0.0015 -2.5 to 2.5 Pass					-30	4.0	-1.474	-0.0022	-2.5 to 2.5	Pass
64QAM 680.5 50 0 4.0 -0.389 -0.0006 -2.5 to 2.5 Pass 10 4.0 -0.157 -0.0002 -2.5 to 2.5 Pass 30 4.0 1.636 0.0024 -2.5 to 2.5 Pass 40 4.0 1.646 0.0025 -2.5 to 2.5 Pass 50 4.0 1.436 0.0021 -2.5 to 2.5 Pass 50 4.0 2.115 0.0031 -2.5 to 2.5 Pass -30 4.0 2.115 0.0031 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -30 4.0 1.095 0.0016 -2.5 to 2.5 Pass -20 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0025 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass -25 -25 -25 -25 -25 -25 -25 -					-20	4.0	-0.502	-0.0008	-2.5 to 2.5	Pass
64QAM 10		668	50	0	-10	4.0	-0.013	0.0000	-2.5 to 2.5	Pass
64QAM 680.5 50 4.0 1.636 0.0024 -2.5 to 2.5 Pass 40 4.0 1.646 0.0025 -2.5 to 2.5 Pass 50 4.0 1.436 0.0021 -2.5 to 2.5 Pass 3.8 2.227 0.0033 -2.5 to 2.5 Pass 4.2 -0.744 -0.0011 -2.5 to 2.5 Pass -20 4.0 0.699 0.0010 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass -20 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 40 4.0 1.332 0.0020 -2.5 to 2.5 Pass 50 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 0.781 0.0011 -2.5 to 2.5 Pass Pass					0	4.0	-0.389	-0.0006	-2.5 to 2.5	Pass
64QAM 680.5 680.5 693 693 693 693 693 690 690 690					10	4.0	-0.157	-0.0002	-2.5 to 2.5	Pass
64QAM 680.5 50 4.0 1.436 0.0021 -2.5 to 2.5 Pass 3.8 2.227 0.0033 -2.5 to 2.5 Pass 4.2 -0.744 -0.0011 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -30 4.0 1.095 0.0016 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass 10 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 40 4.0 0.781 0.0011 -2.5 to 2.5 Pass Pass					30	4.0	1.636	0.0024	-2.5 to 2.5	Pass
64QAM 680.5 50 0 3.8 2.227 0.0033 -2.5 to 2.5 Pass 4.0 2.115 0.0031 -2.5 to 2.5 Pass 4.2 -0.744 -0.0011 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass 0 4.0 1.693 0.0025 -2.5 to 2.5 Pass 0 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 0.0011 -2.5 to 2.5 Pass 40 4.0 0.0011 -2.5 to 2.5 Pass 40 4.0 0.0011 -2.5 to 2.5 Pass -20 4.0 0.0011 -2.5 to 2.5 Pass -20 -20 -20 -20 -20 -20 -20 -					40	4.0	1.646	0.0025	-2.5 to 2.5	Pass
680.5 50 0 4.0 2.115 0.0031 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass 0.4.0 1.095 0.0016 -2.5 to 2.5 Pass 0.4.0 1.095 0.0016 -2.5 to 2.5 Pass 0.4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.2 1.034 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass					50	4.0	1.436	0.0021	-2.5 to 2.5	Pass
680.5 50 0 4.0 2.115 0.0031 -2.5 to 2.5 Pass -30 4.0 0.699 0.0010 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass 0 4.0 1.095 0.0016 -2.5 to 2.5 Pass 0 4.0 1.095 0.0025 -2.5 to 2.5 Pass 0 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.2 1.034 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass						3.8	2.227	0.0033	-2.5 to 2.5	Pass
1.0	640414				20	4.0				
680.5 50 0 4.0 0.699 0.0010 -2.5 to 2.5 Pass -20 4.0 1.095 0.0016 -2.5 to 2.5 Pass 0 4.0 1.693 0.0025 -2.5 to 2.5 Pass 0 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass	04QAIVI					4.2		-0.0011		
680.5 50 0 -10 4.0 1.693 0.0025 -2.5 to 2.5 Pass 0 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 2.5 pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.2 1.034 0.0011 -2.5 to 2.5 Pass 2.5 pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass					-30	4.0	0.699	0.0010		
693 50 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass					-20	4.0				Pass
693 50 4.0 1.442 0.0021 -2.5 to 2.5 Pass 10 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass		680.5	50	0	-10	4.0	1.693	0.0025	-2.5 to 2.5	Pass
693 50 0 4.0 1.332 0.0020 -2.5 to 2.5 Pass 30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass							1.442		-2.5 to 2.5	Pass
30 4.0 2.217 0.0033 -2.5 to 2.5 Pass 40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass					10					
40 4.0 3.060 0.0045 -2.5 to 2.5 Pass 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass					30	4.0	2.217	0.0033		Pass
693 50 4.0 2.249 0.0033 -2.5 to 2.5 Pass 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass					40			0.0045		
693 50 0 20 3.8 0.328 0.0005 -2.5 to 2.5 Pass 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass										
693 50 0 20 4.0 0.781 0.0011 -2.5 to 2.5 Pass 4.2 1.034 0.0015 -2.5 to 2.5 Pass										
693 50 0 4.2 1.034 0.0015 -2.5 to 2.5 Pass		600	F0	_	20					
		693	50	0		4.2				
					-30	4.0	1.011	0.0015	-2.5 to 2.5	Pass



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	-20	4.0	1.849	0.0027	-2.5 to 2.5	Pass
	-10	4.0	0.535	0.0008	-2.5 to 2.5	Pass
	0	4.0	0.598	0.0009	-2.5 to 2.5	Pass
	10	4.0	-0.147	-0.0002	-2.5 to 2.5	Pass
	30	4.0	-0.168	-0.0002	-2.5 to 2.5	Pass
	40	4.0	0.964	0.0014	-2.5 to 2.5	Pass
	50	4.0	1.532	0.0022	-2.5 to 2.5	Pass



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1.3 B71_15MHz

1.3.1 Test Result

				Band: 71	/ Bandwid	th: 15MHz			
Modulation	Frequency	RB All	ocation	Temp.	Voltage	Freq. Error	Freq. vs. F	Rated (ppm)	\/ord:ot
Modulation	(MHz)	Size	Offset	(°C)	(VDČ)	(Hz)	Result	Limit	Verdict
					3.8	2.955	0.0044	-2.5 to 2.5	Pass
				20	4.0	-0.197	-0.0003	-2.5 to 2.5	Pass
					4.2	3.146	0.0047	-2.5 to 2.5	Pass
				-30	4.0	0.592	0.0009	-2.5 to 2.5	Pass
				-20	4.0	0.374	0.0006	-2.5 to 2.5	Pass
	670.5	75	0	-10	4.0	1.223	0.0018	-2.5 to 2.5	Pass
				0	4.0	2.146	0.0032	-2.5 to 2.5	Pass
				10	4.0	0.323	0.0005	-2.5 to 2.5	Pass
				30	4.0	0.670	0.0010	-2.5 to 2.5	Pass
				40	4.0	0.648	0.0010	-2.5 to 2.5	Pass
				50	4.0	1.427	0.0021	-2.5 to 2.5	Pass
					3.8	2.331	0.0034	-2.5 to 2.5	Pass
				20	4.0	1.290	0.0019	-2.5 to 2.5	Pass
					4.2	-1.080	-0.0016	-2.5 to 2.5	Pass
				-30	4.0	1.238	0.0018	-2.5 to 2.5	Pass
				-20	4.0	0.715	0.0011	-2.5 to 2.5	Pass
QPSK	680.5	75	0	-10	4.0	-0.186	-0.0003	-2.5 to 2.5	Pass
				0	4.0	-0.826	-0.0012	-2.5 to 2.5	Pass
				10	4.0	1.307	0.0019	-2.5 to 2.5	Pass
				30	4.0	0.064	0.0001	-2.5 to 2.5	Pass
				40	4.0	0.292	0.0004	-2.5 to 2.5	Pass
				50	4.0	-1.100	-0.0016	-2.5 to 2.5	Pass
					3.8	0.396	0.0006	-2.5 to 2.5	Pass
				20	4.0	1.021	0.0015	-2.5 to 2.5	Pass
					4.2	-0.325	-0.0005	-2.5 to 2.5	Pass
				-30	4.0	1.818	0.0026	-2.5 to 2.5	Pass
				-20	4.0	0.356	0.0005	-2.5 to 2.5	Pass
	690.5	75	0	-10	4.0	1.686	0.0024	-2.5 to 2.5	Pass
				0	4.0	-0.237	-0.0003	-2.5 to 2.5	Pass
				10	4.0	1.194	0.0017	-2.5 to 2.5	Pass
				30	4.0	0.361	0.0005	-2.5 to 2.5	Pass
				40	4.0	1.606	0.0023	-2.5 to 2.5	Pass
				50	4.0	1.121	0.0016	-2.5 to 2.5	Pass
					3.8	2.197	0.0033	-2.5 to 2.5	Pass
				20	4.0	2.590	0.0039	-2.5 to 2.5	Pass
					4.2	-0.274	-0.0004	-2.5 to 2.5	Pass
				-30	4.0	0.831	0.0012	-2.5 to 2.5	Pass
16QAM	670.5	75	0	-20	4.0	2.162	0.0032	-2.5 to 2.5	Pass
				-10	4.0	1.123	0.0017	-2.5 to 2.5	Pass
				0	4.0	0.746	0.0011	-2.5 to 2.5	Pass
				10	4.0	1.864	0.0028	-2.5 to 2.5	Pass
				30	4.0	-1.065	-0.0016	-2.5 to 2.5	Pass



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					1	Page:	9 01 224		1
				40	4.0	2.014	0.0030	-2.5 to 2.5	Pass
				50	4.0	0.990	0.0015	-2.5 to 2.5	Pass
					3.8	2.498	0.0037	-2.5 to 2.5	Pass
				20	4.0	0.201	0.0003	-2.5 to 2.5	Pass
					4.2	-1.124	-0.0017	-2.5 to 2.5	Pass
				-30	4.0	0.810	0.0012	-2.5 to 2.5	Pass
				-20	4.0	-1.154	-0.0017	-2.5 to 2.5	Pass
	680.5	75	0	-10	4.0	0.366	0.0005	-2.5 to 2.5	Pass
				0	4.0	-0.382	-0.0006	-2.5 to 2.5	Pass
				10	4.0	0.723	0.0011	-2.5 to 2.5	Pass
				30	4.0	-1.257	-0.0018	-2.5 to 2.5	Pass
				40	4.0	0.191	0.0003	-2.5 to 2.5	Pass
				50	4.0	0.469	0.0007	-2.5 to 2.5	Pass
					3.8	2.095	0.0030	-2.5 to 2.5	Pass
				20	4.0	2.648	0.0038	-2.5 to 2.5	Pass
					4.2	2.563	0.0037	-2.5 to 2.5	Pass
				-30	4.0	-0.736	-0.0011	-2.5 to 2.5	Pass
				-20	4.0	1.478	0.0021	-2.5 to 2.5	Pass
	690.5	75	0	-10	4.0	1.114	0.0016	-2.5 to 2.5	Pass
	000.0	, 0		0	4.0	0.162	0.0002	-2.5 to 2.5	Pass
				10	4.0	0.791	0.0011	-2.5 to 2.5	Pass
				30	4.0	0.814	0.0011	-2.5 to 2.5	Pass
				40	4.0	0.757	0.0012	-2.5 to 2.5	Pass
				50	4.0	-1.435	-0.0021	-2.5 to 2.5	Pass
				30	3.8	0.680	0.0010	-2.5 to 2.5	Pass
				20	4.0	1.921	0.0010	-2.5 to 2.5	Pass
			0	20	4.2	1.423	0.0023	-2.5 to 2.5	Pass
		70.5 75		-30	4.0	2.456	0.0021	-2.5 to 2.5	Pass
				-20	4.0	1.493	0.0037	-2.5 to 2.5	Pass
	670.5			-10	4.0	0.877	0.0022	-2.5 to 2.5	Pass
	070.5			0	4.0	0.763	0.0013	-2.5 to 2.5	Pass
				10	4.0	0.703	0.0003	-2.5 to 2.5	Pass
				30 40	4.0 4.0	0.661 2.780	0.0010 0.0041	-2.5 to 2.5	Pass
				50	4.0	1.477	0.0041	-2.5 to 2.5	Pass
		-		50				-2.5 to 2.5	Pass
				20	3.8	-0.769 -0.082	-0.0011 -0.0001	-2.5 to 2.5 -2.5 to 2.5	Pass
64QAM				20	4.0	-0.082	-0.0001		Pass
				20	4.2	-1.624	-0.0024	-2.5 to 2.5	Pass
				-30	4.0	-0.130	-0.0002 -0.0018	-2.5 to 2.5	Pass
	600 5	75		-20	4.0	-1.249		-2.5 to 2.5	Pass
	680.5	75	0	-10	4.0	-0.756	-0.0011	-2.5 to 2.5	Pass
				0	4.0	0.416	0.0006	-2.5 to 2.5	Pass
				10	4.0	-0.193	-0.0003	-2.5 to 2.5	Pass
				30	4.0	0.475	0.0007	-2.5 to 2.5	Pass
				40	4.0	1.458	0.0021	-2.5 to 2.5	Pass
				50	4.0	1.839	0.0027	-2.5 to 2.5	Pass
				0.5	3.8	-0.515	-0.0007	-2.5 to 2.5	Pass
	690.5	690.5 75	0	20	4.0	-0.177	-0.0003	-2.5 to 2.5	Pass
					4.2	0.182	0.0003	-2.5 to 2.5	Pass
				-30	4.0	0.343	0.0005	-2.5 to 2.5	Pass



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-20	4.0	-0.798	-0.0012	-2.5 to 2.5	Pass
-10	4.0	0.359	0.0005	-2.5 to 2.5	Pass
0	4.0	0.870	0.0013	-2.5 to 2.5	Pass
10	4.0	0.169	0.0002	-2.5 to 2.5	Pass
30	4.0	1.086	0.0016	-2.5 to 2.5	Pass
40	4.0	0.558	0.0008	-2.5 to 2.5	Pass
50	4.0	0.912	0.0013	-2.5 to 2.5	Pass



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1.4 B71_20MHz

1.4.1 Test Result

				Band: 71	/ Bandwid	th: 20MHz			
Madulation	Frequency	RB All	ocation	Temp.	Voltage	Freq. Error	Freq. vs. F	Rated (ppm)	Vordict
Modulation	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	Verdict
					3.8	1.102	0.0016	-2.5 to 2.5	Pass
				20	4.0	1.726	0.0026	-2.5 to 2.5	Pass
					4.2	-0.897	-0.0013	-2.5 to 2.5	Pass
				-30	4.0	3.086	0.0046	-2.5 to 2.5	Pass
				-20	4.0	0.351	0.0005	-2.5 to 2.5	Pass
	673	100	0	-10	4.0	2.106	0.0031	-2.5 to 2.5	Pass
				0	4.0	-0.602	-0.0009	-2.5 to 2.5	Pass
				10	4.0	0.730	0.0011	-2.5 to 2.5	Pass
				30	4.0	2.798	0.0042	-2.5 to 2.5	Pass
				40	4.0	2.059	0.0031	-2.5 to 2.5	Pass
				50	4.0	-0.087	-0.0001	-2.5 to 2.5	Pass
					3.8	-0.525	-0.0008	-2.5 to 2.5	Pass
				20	4.0	-0.784	-0.0011	-2.5 to 2.5	Pass
					4.2	-0.548	-0.0008	-2.5 to 2.5	Pass
				-30	4.0	0.316	0.0005	-2.5 to 2.5	Pass
				-20	4.0	-1.703	-0.0025	-2.5 to 2.5	Pass
QPSK	QPSK 683	100	0	-10	4.0	-0.737	-0.0011	-2.5 to 2.5	Pass
				0	4.0	-0.502	-0.0007	-2.5 to 2.5	Pass
				10	4.0	0.510	0.0007	-2.5 to 2.5	Pass
				30	4.0	-0.648	-0.0009	-2.5 to 2.5	Pass
				40	4.0	0.263	0.0004	-2.5 to 2.5	Pass
				50	4.0	0.094	0.0001	-2.5 to 2.5	Pass
					3.8	2.149	0.0031	-2.5 to 2.5	Pass
				20	4.0	0.514	0.0007	-2.5 to 2.5	Pass
					4.2	0.759	0.0011	-2.5 to 2.5	Pass
				-30	4.0	1.346	0.0020	-2.5 to 2.5	Pass
				-20	4.0	1.226	0.0018	-2.5 to 2.5	Pass
	688	100	0	-10	4.0	0.135	0.0002	-2.5 to 2.5	Pass
				0	4.0	-0.966	-0.0014	-2.5 to 2.5	Pass
				10	4.0	-0.113	-0.0002	-2.5 to 2.5	Pass
				30	4.0	-0.513	-0.0007	-2.5 to 2.5	Pass
				40	4.0	0.256	0.0004	-2.5 to 2.5	Pass
				50	4.0	0.747	0.0011	-2.5 to 2.5	Pass
		<u></u>			3.8	2.367	0.0035	-2.5 to 2.5	Pass
				20	4.0	0.213	0.0003	-2.5 to 2.5	Pass
					4.2	1.902	0.0028	-2.5 to 2.5	Pass
				-30	4.0	1.213	0.0018	-2.5 to 2.5	Pass
16QAM	673	100	0	-20	4.0	1.230	0.0018	-2.5 to 2.5	Pass
				-10	4.0	-0.410	-0.0006	-2.5 to 2.5	Pass
				0	4.0	0.659	0.0010	-2.5 to 2.5	Pass
				10	4.0	0.882	0.0013	-2.5 to 2.5	Pass
				30	4.0	-0.245	-0.0004	-2.5 to 2.5	Pass



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		1				i age.	12 01 22				
				40	4.0	1.796	0.0027	-2.5 to 2.5	Pass		
				50	4.0	0.678	0.0010	-2.5 to 2.5	Pass		
					3.8	0.458	0.0007	-2.5 to 2.5	Pass		
				20	4.0	1.836	0.0027	-2.5 to 2.5	Pass		
					4.2	-0.097	-0.0001	-2.5 to 2.5	Pass		
				-30	4.0	0.584	0.0009	-2.5 to 2.5	Pass		
				-20	4.0	0.331	0.0005	-2.5 to 2.5	Pass		
	683	100	0	-10	4.0	-0.567	-0.0008	-2.5 to 2.5	Pass		
				0	4.0	-0.013	0.0000	-2.5 to 2.5	Pass		
				10	4.0	0.037	0.0001	-2.5 to 2.5	Pass		
				30	4.0	-0.139	-0.0002	-2.5 to 2.5	Pass		
				40	4.0	1.147	0.0017	-2.5 to 2.5	Pass		
				50	4.0	0.416	0.0006	-2.5 to 2.5	Pass		
					3.8	0.270	0.0004	-2.5 to 2.5	Pass		
				20	4.0	-0.469	-0.0007	-2.5 to 2.5	Pass		
					4.2	1.288	0.0019	-2.5 to 2.5	Pass		
				-30	4.0	0.031	0.0000	-2.5 to 2.5	Pass		
				-20	4.0	0.502	0.0007	-2.5 to 2.5	Pass		
	688	100	0	-10	4.0	0.284	0.0004	-2.5 to 2.5	Pass		
				0	4.0	0.753	0.0011	-2.5 to 2.5	Pass		
				10	4.0	0.361	0.0005	-2.5 to 2.5	Pass		
				30	4.0	0.120	0.0002	-2.5 to 2.5	Pass		
				40	4.0	1.359	0.0020	-2.5 to 2.5	Pass		
				50	4.0	-0.392	-0.0006	-2.5 to 2.5	Pass		
					3.8	0.832	0.0012	-2.5 to 2.5	Pass		
				20	4.0	1.020	0.0015	-2.5 to 2.5	Pass		
					4.2	0.227	0.0003	-2.5 to 2.5	Pass		
						-30	4.0	0.034	0.0001	-2.5 to 2.5	Pass
				-20	4.0	0.974	0.0014	-2.5 to 2.5	Pass		
	673	100	0	-10	4.0	1.162	0.0017	-2.5 to 2.5	Pass		
				0	4.0	1.280	0.0019	-2.5 to 2.5	Pass		
				10	4.0	0.775	0.0012	-2.5 to 2.5	Pass		
				30	4.0	0.335	0.0005	-2.5 to 2.5	Pass		
				40	4.0	0.373	0.0006	-2.5 to 2.5	Pass		
				50	4.0	-0.129	-0.0002	-2.5 to 2.5	Pass		
					3.8	0.324	0.0005	-2.5 to 2.5	Pass		
64QAM				20	4.0	0.775	0.0011	-2.5 to 2.5	Pass		
0 13/11/1					4.2	0.761	0.0011	-2.5 to 2.5	Pass		
				-30	4.0	1.387	0.0020	-2.5 to 2.5	Pass		
				-20	4.0	-1.188	-0.0017	-2.5 to 2.5	Pass		
	683	100	0	-10	4.0	0.658	0.0010	-2.5 to 2.5	Pass		
	683 100			0	4.0	-0.455	-0.0007	-2.5 to 2.5	Pass		
				10	4.0	1.892	0.0028	-2.5 to 2.5	Pass		
			30	4.0	-0.259	-0.0004	-2.5 to 2.5	Pass			
			40	4.0	-0.336	-0.0005	-2.5 to 2.5	Pass			
				50	4.0	1.016	0.0015	-2.5 to 2.5	Pass		
					3.8	1.278	0.0019	-2.5 to 2.5	Pass		
	688	100	00 0	20	4.0	0.962	0.0014	-2.5 to 2.5	Pass		
	688 100	100			4.2	0.413	0.0006	-2.5 to 2.5	Pass		
			-30	4.0	-1.583	-0.0023	-2.5 to 2.5	Pass			



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	-20	4.0	0.310	0.0005	-2.5 to 2.5	Pass
	-10	4.0	-1.023	-0.0015	-2.5 to 2.5	Pass
	0	4.0	-1.463	-0.0021	-2.5 to 2.5	Pass
	10	4.0	0.600	0.0009	-2.5 to 2.5	Pass
	30	4.0	0.138	0.0002	-2.5 to 2.5	Pass
	40	4.0	0.246	0.0004	-2.5 to 2.5	Pass
	50	4.0	-1.078	-0.0016	-2.5 to 2.5	Pass



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2. 99% & 26dB Bandwidth

2.1 Band71_OBW

2.1.1 Test Result

			Band	: 71 / NTNV			
Bandwidth (MHz)	Modulation	Frequency	RB Allocation		99% Occupied Bandwidth (MHz)		Verdic
		(MHz)	Size	Offset	Result	Limit	verdict
5	QPSK	665.5	25	0	4.540	/	Pass
		680.5	25	0	4.540	/	Pass
		695.5	25	0	4.568	/	Pass
	16QAM	665.5	25	0	4.565	/	Pass
		680.5	25	0	4.544	/	Pass
		695.5	25	0	4.547	/	Pass
	64QAM	665.5	25	0	4.554	/	Pass
		680.5	25	0	4.535	/	Pass
		695.5	25	0	4.547	/	Pass
10	QPSK	668	50	0	9.054	/	Pass
		680.5	50	0	9.038	/	Pass
		693	50	0	9.052	/	Pass
	16QAM	668	50	0	9.055	/	Pass
		680.5	50	0	9.029	/	Pass
		693	50	0	9.049	/	Pass
	64QAM	668	50	0	9.037	/	Pass
		680.5	50	0	9.006	/	Pass
		693	50	0	9.066	/	Pass
15	QPSK	670.5	75	0	13.586	/	Pass
		680.5	75	0	13.542	/	Pass
		690.5	75	0	13.585	/	Pass
	16QAM	670.5	75	0	13.589	/	Pass
		680.5	75	0	13.505	/	Pass
		690.5	75	0	13.603	/	Pass
	64QAM	670.5	75	0	13.552	/	Pass
		680.5	75	0	13.558	/	Pass
		690.5	75	0	13.612	/	Pass
20	QPSK	673	100	0	18.061	/	Pass
		683	100	0	18.065	/	Pass
		688	100	0	18.087	/	Pass
	16QAM	673	100	0	17.990	/	Pass
		683	100	0	18.063	/	Pass
		688	100	0	18.095	/	Pass
	64QAM	673	100	0	17.993	/	Pass
		683	100	0	18.064	/	Pass
		688	100	0	18.094	1	Pass



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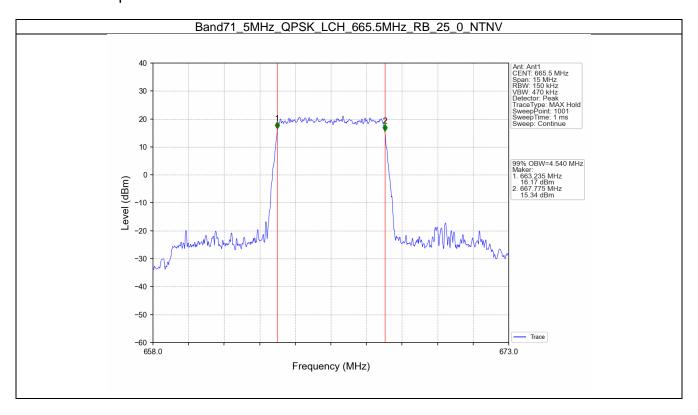


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2.1.2 Test Graph





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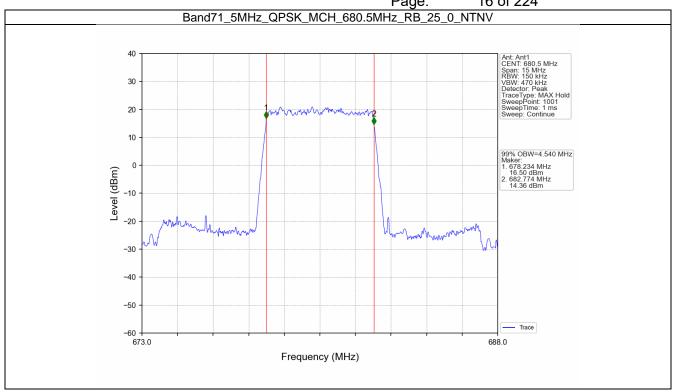
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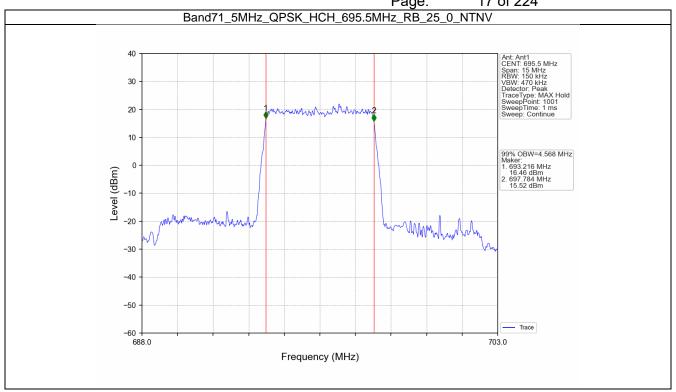
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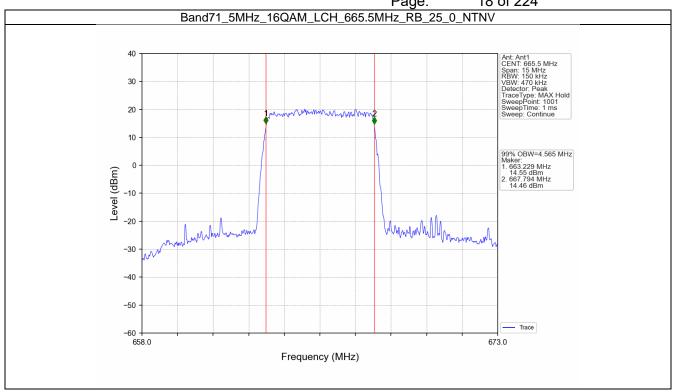
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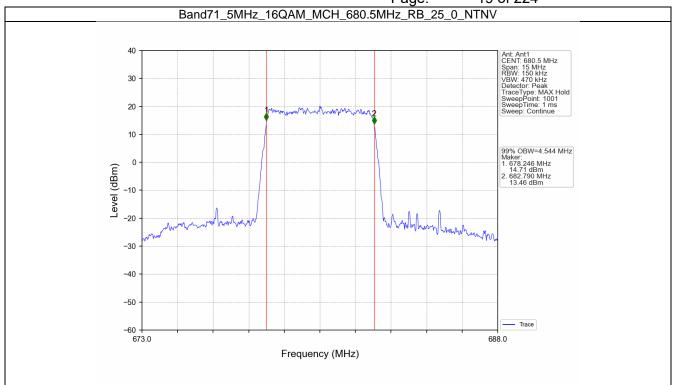
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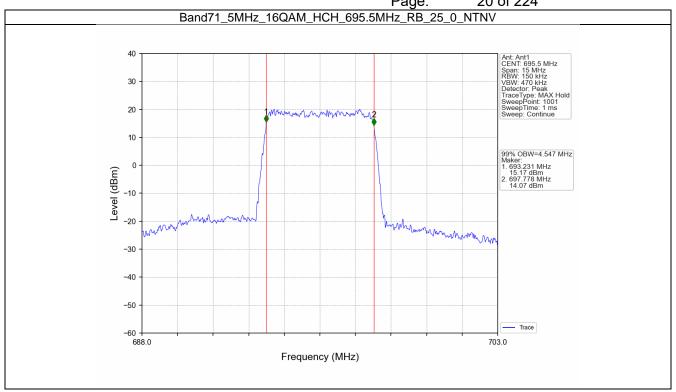
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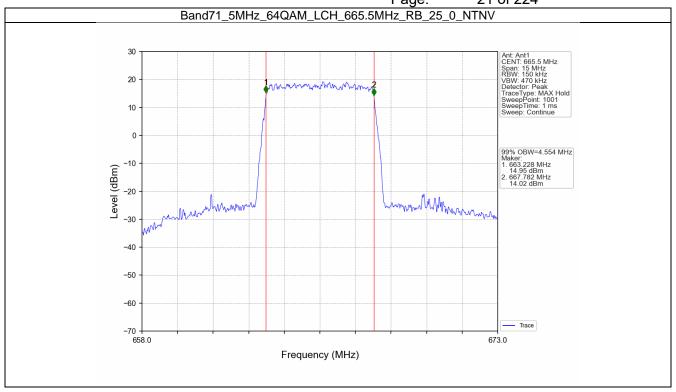
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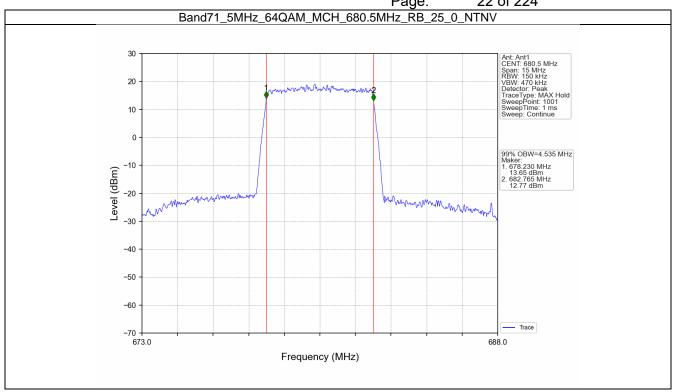
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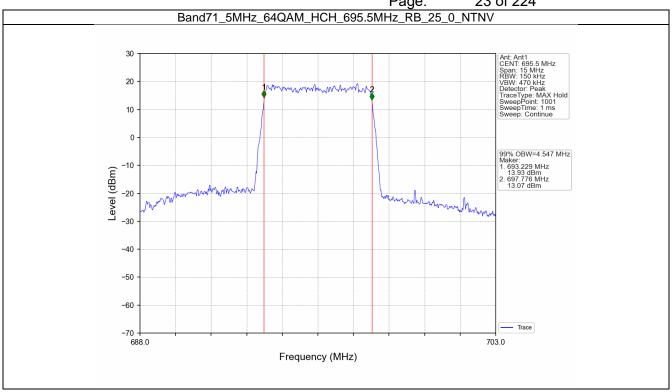
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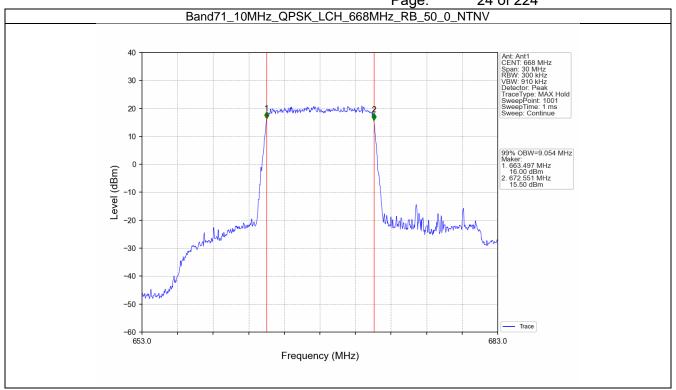
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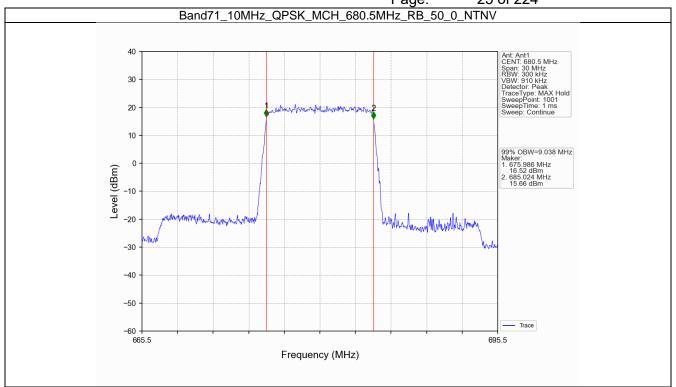
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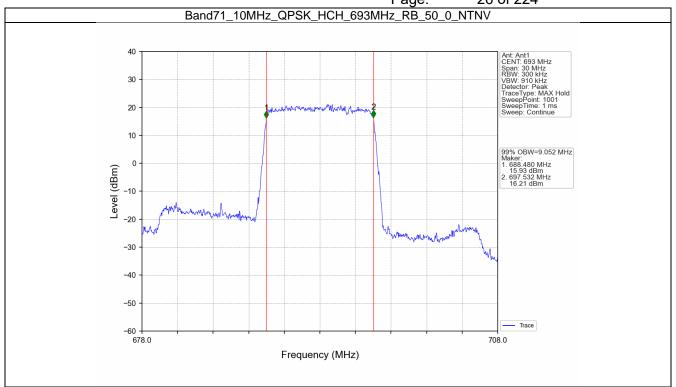
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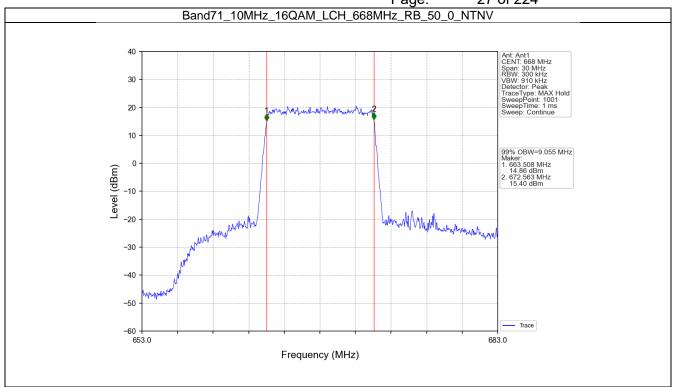
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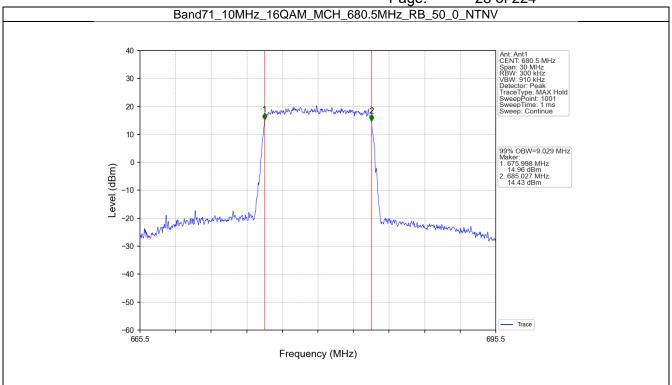
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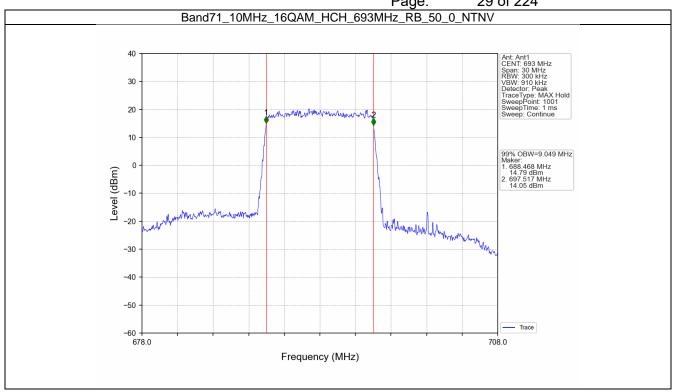
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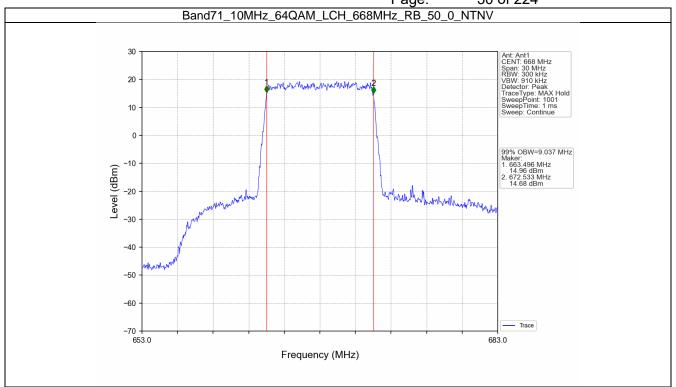
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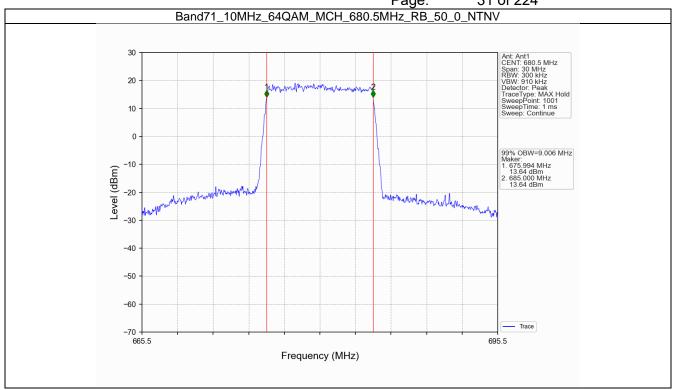
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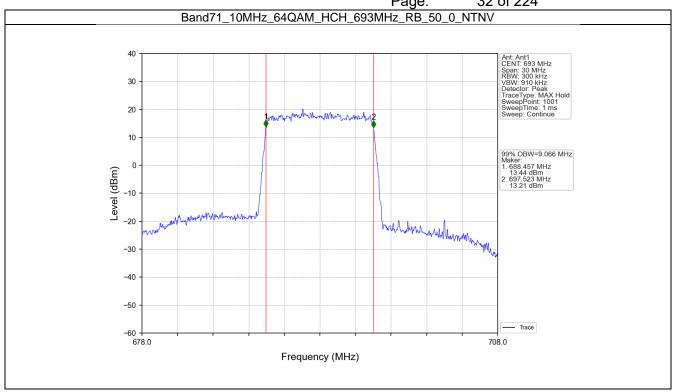
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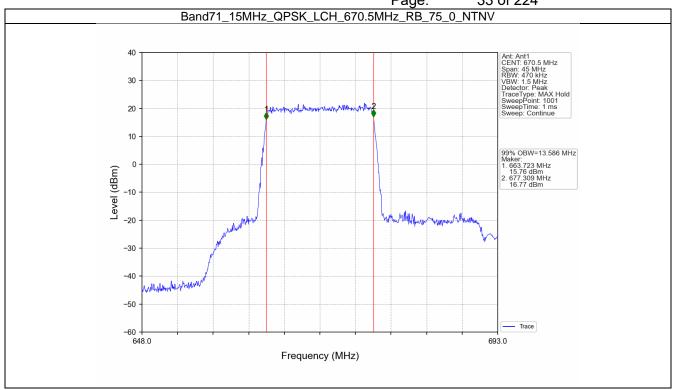
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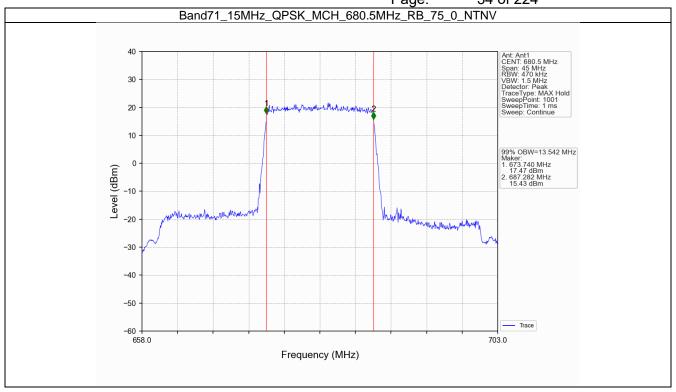
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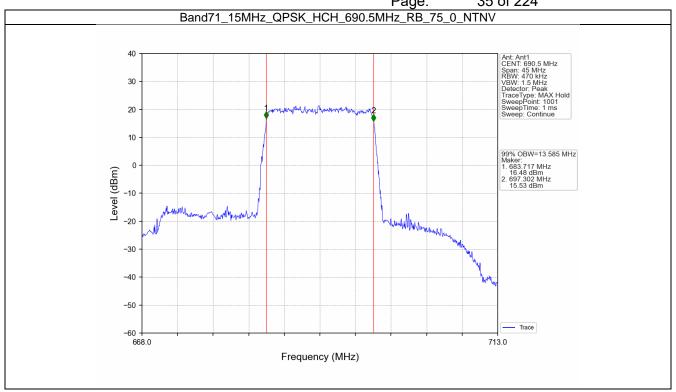
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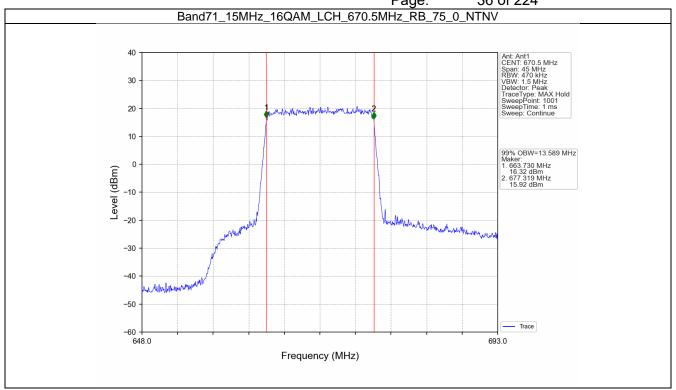
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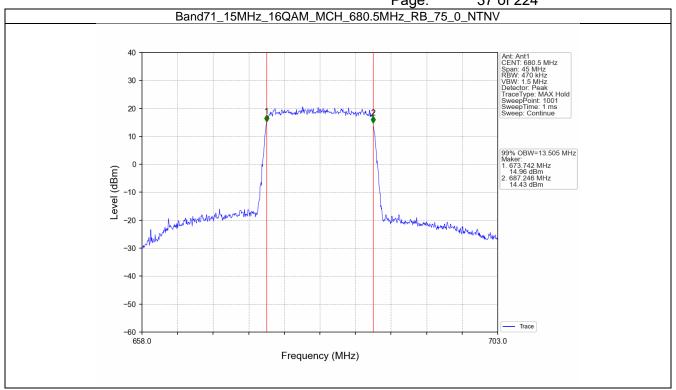
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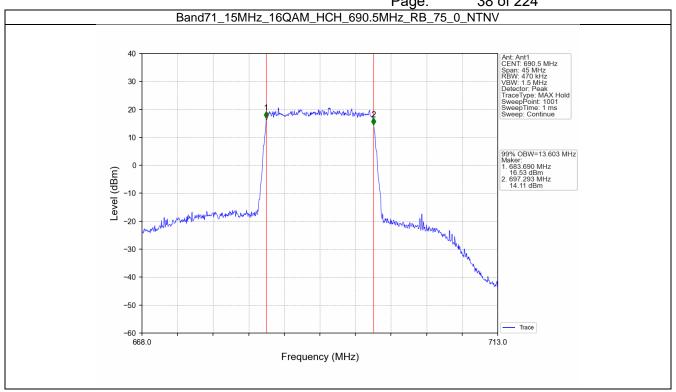
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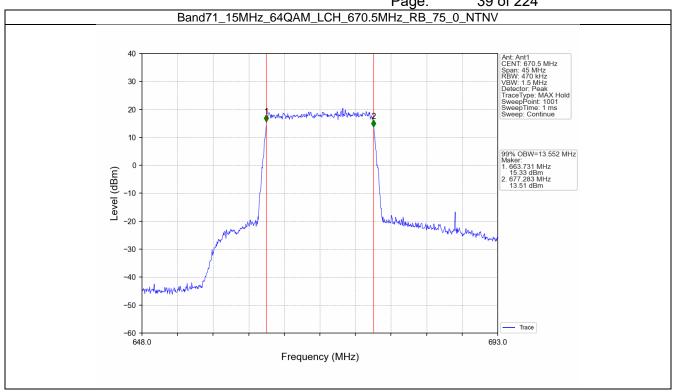
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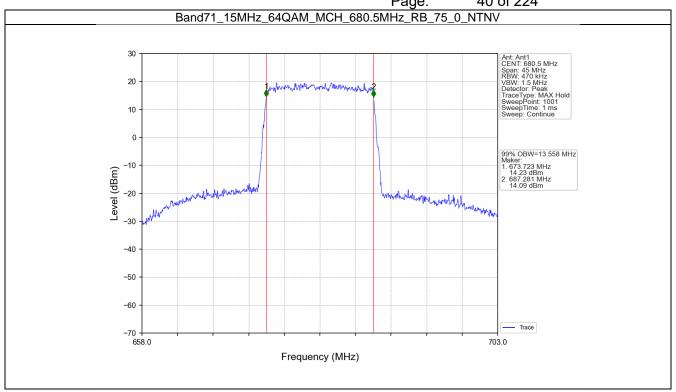
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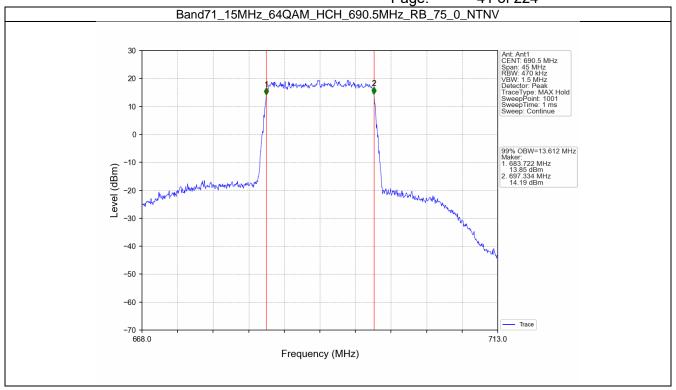
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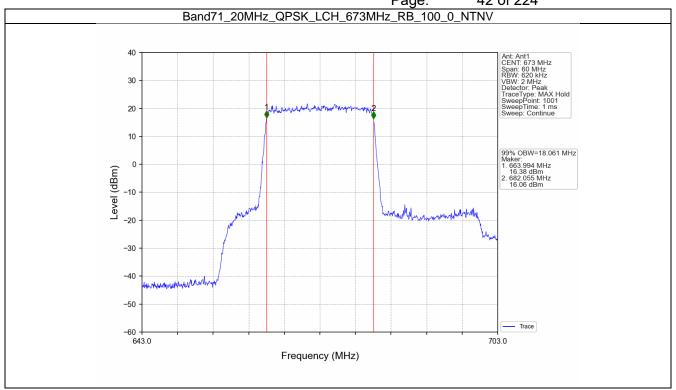
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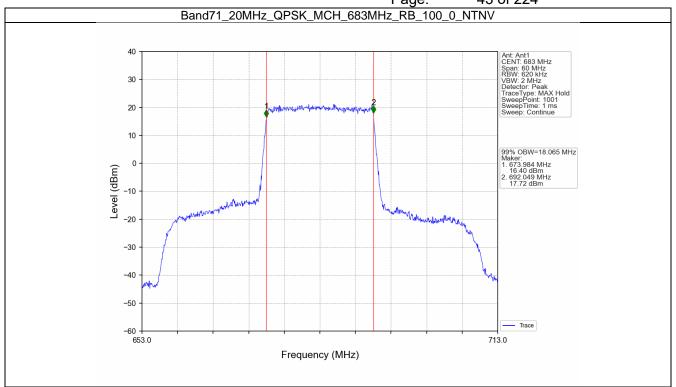
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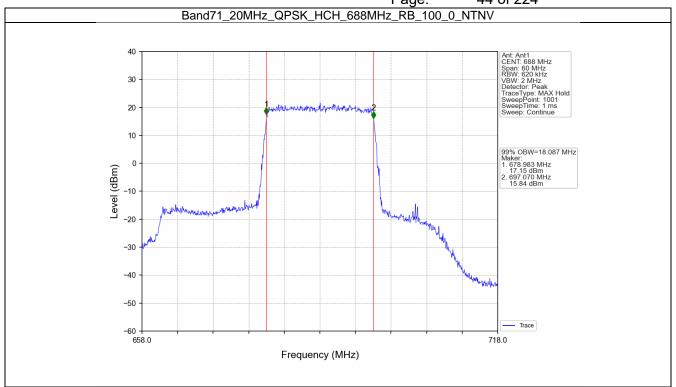
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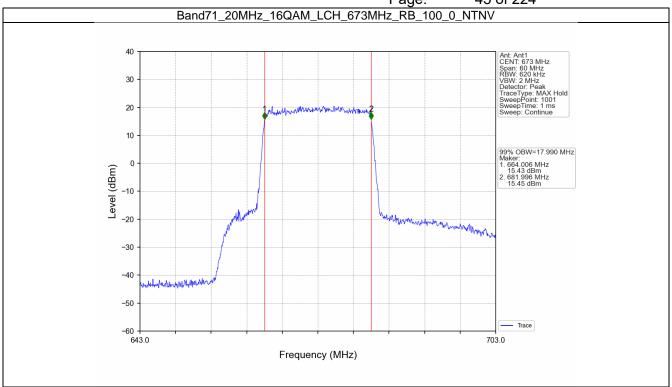
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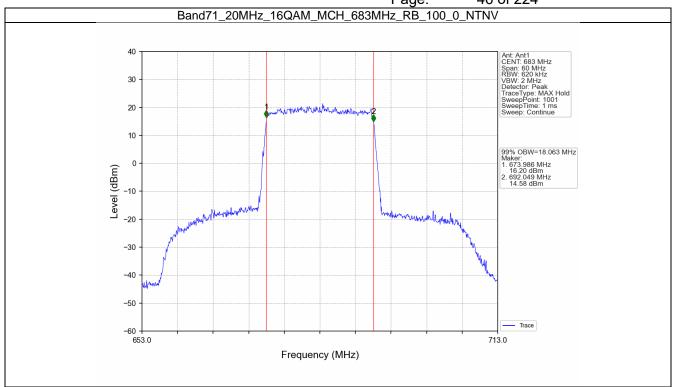
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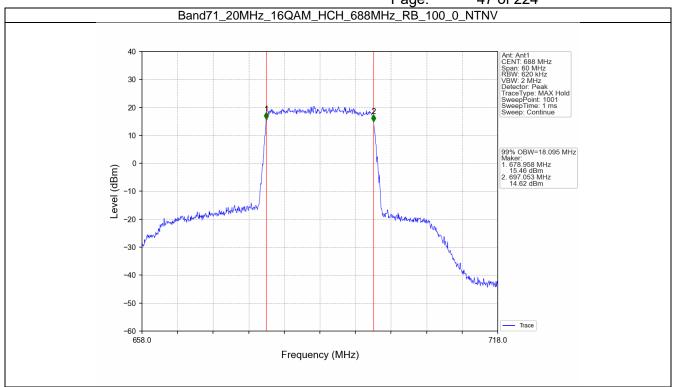
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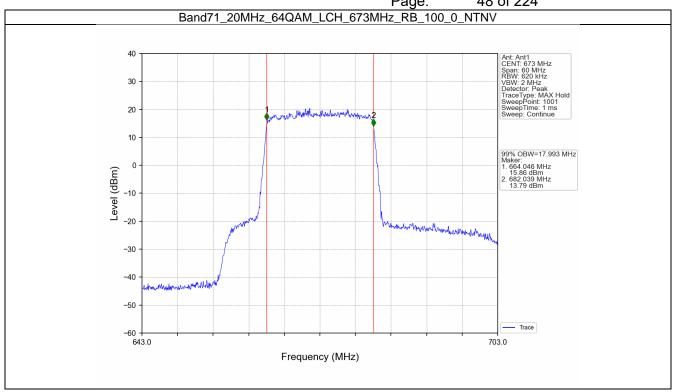
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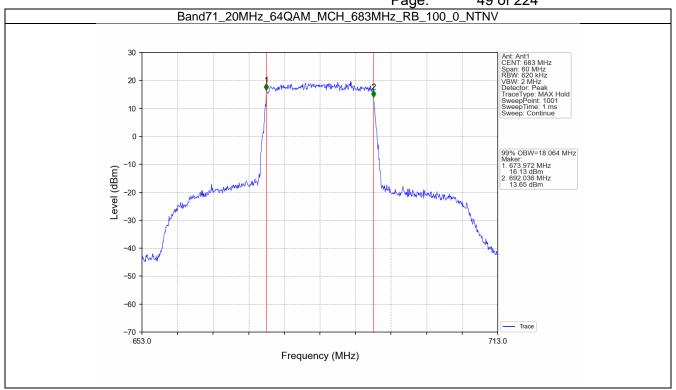
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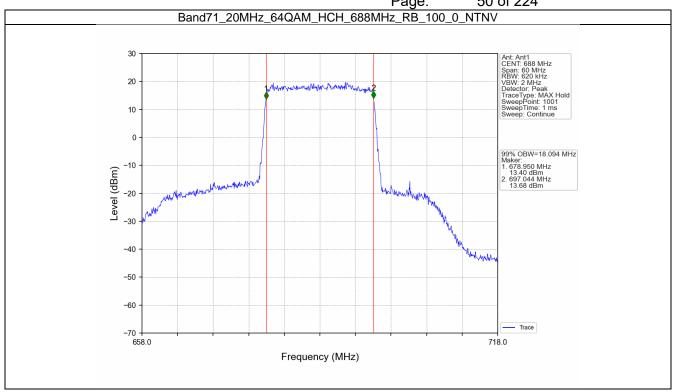
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2.2 Band71_XDB

2.2.1 Test Result

			Band: 71				
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		\/a ndi at
			Size	Offset	Result	Limit	Verdict
5	QPSK	665.5	25	0	5.045	/	Pass
		680.5	25	0	5.029	/	Pass
		695.5	25	0	5.053	/	Pass
	16QAM	665.5	25	0	5.059	/	Pass
		680.5	25	0	5.047	/	Pass
		695.5	25	0	5.056	/	Pass
	64QAM	665.5	25	0	5.068	/	Pass
		680.5	25	0	5.047	/	Pass
		695.5	25	0	5.070	/	Pass
10	QPSK	668	50	0	10.026	/	Pass
		680.5	50	0	9.968	/	Pass
		693	50	0	10.004	/	Pass
	16QAM	668	50	0	9.943	/	Pass
		680.5	50	0	9.937	/	Pass
		693	50	0	10.002	/	Pass
	64QAM	668	50	0	9.941	/	Pass
		680.5	50	0	9.949	/	Pass
		693	50	0	9.950	/	Pass
15	QPSK	670.5	75	0	15.000	/	Pass
		680.5	75	0	14.925	/	Pass
		690.5	75	0	15.033	/	Pass
	16QAM	670.5	75	0	14.923	/	Pass
		680.5	75	0	14.828	/	Pass
		690.5	75	0	14.873	/	Pass
	64QAM	670.5	75	0	14.888	/	Pass
		680.5	75	0	14.909	/	Pass
		690.5	75	0	15.051	/	Pass
20	QPSK	673	100	0	19.793	/	Pass
		683	100	0	19.864	/	Pass
		688	100	0	19.953	/	Pass
	16QAM	673	100	0	19.661	/	Pass
		683	100	0	19.710	/	Pass
		688	100	0	19.935	/	Pass
	64QAM	673	100	0	19.788	/	Pass
		683	100	0	19.904	/	Pass
		688	100	0	19.714	/	Pass



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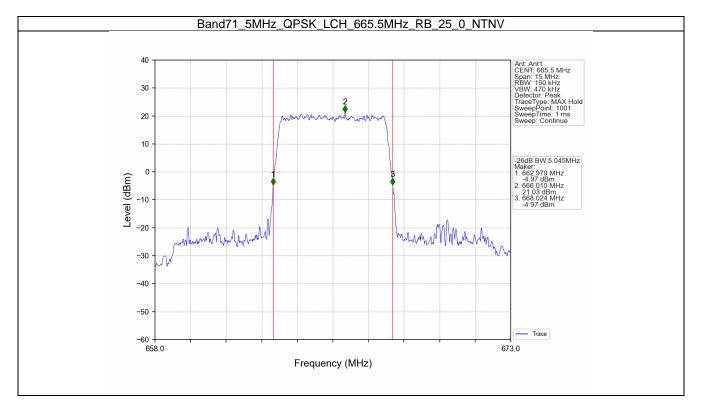


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2.2.2 Test Graph





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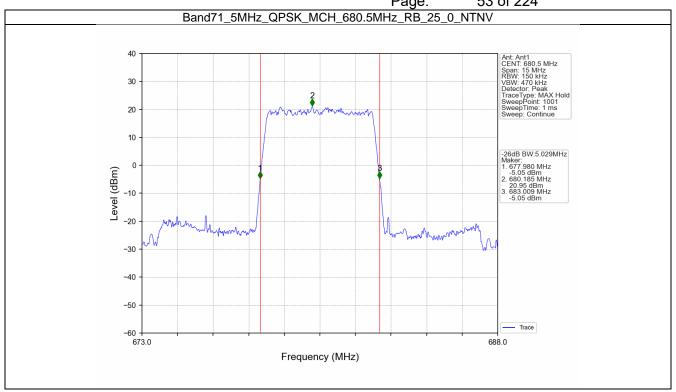
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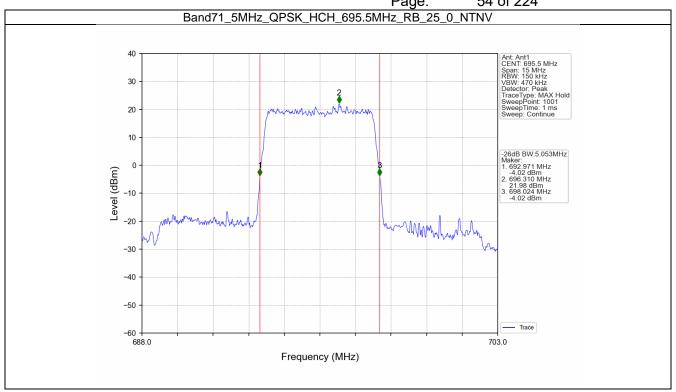
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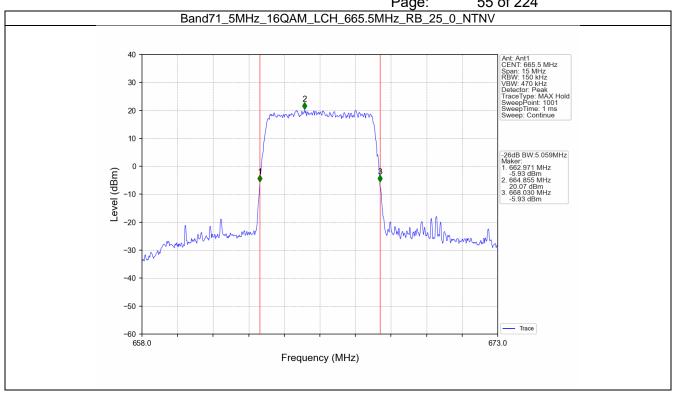
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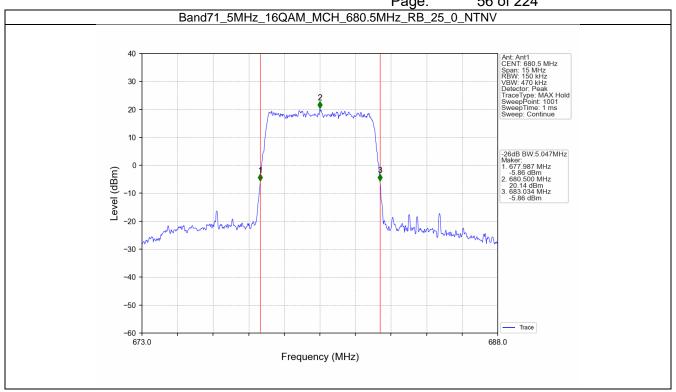
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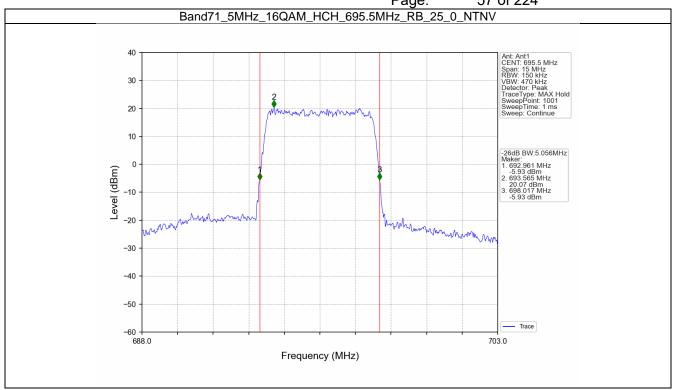
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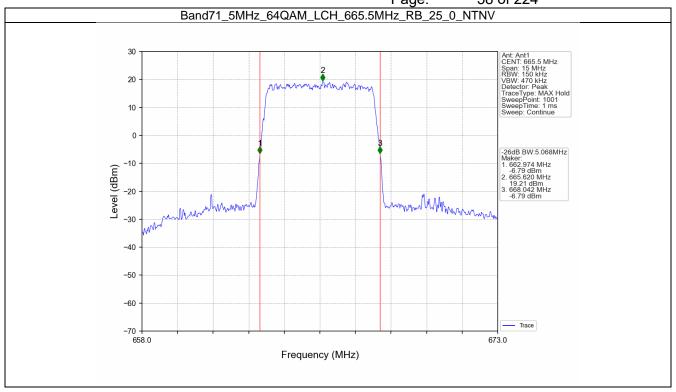
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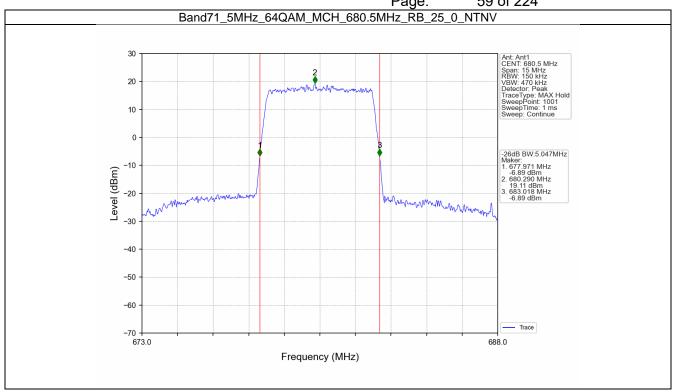
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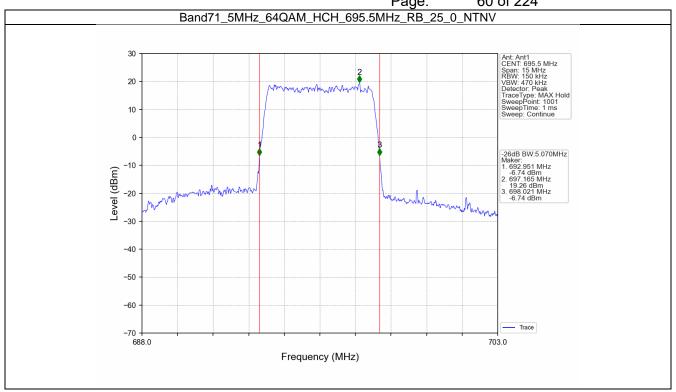
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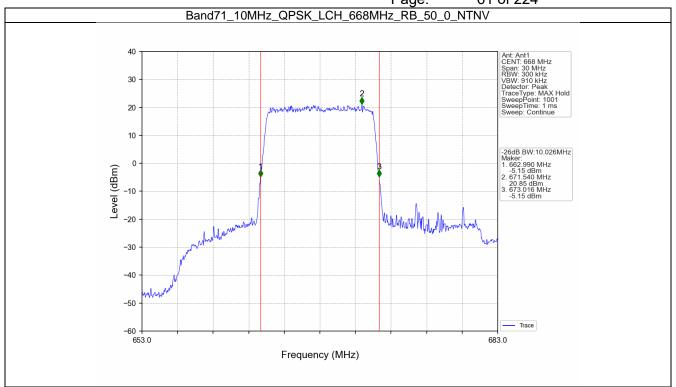
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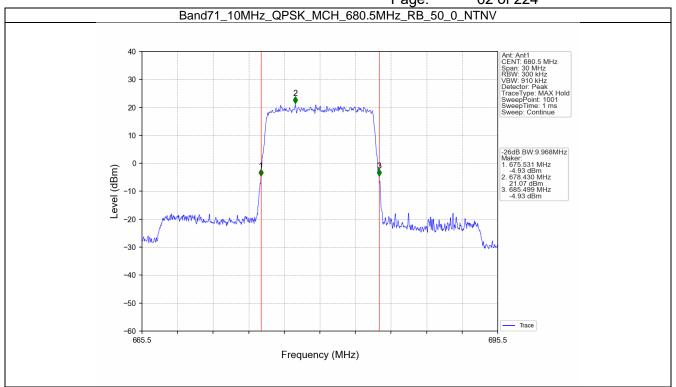
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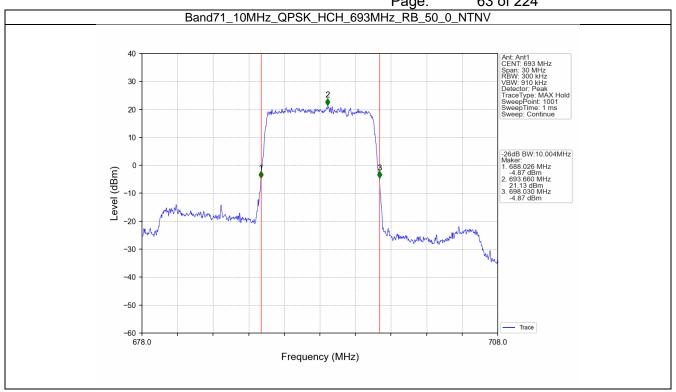
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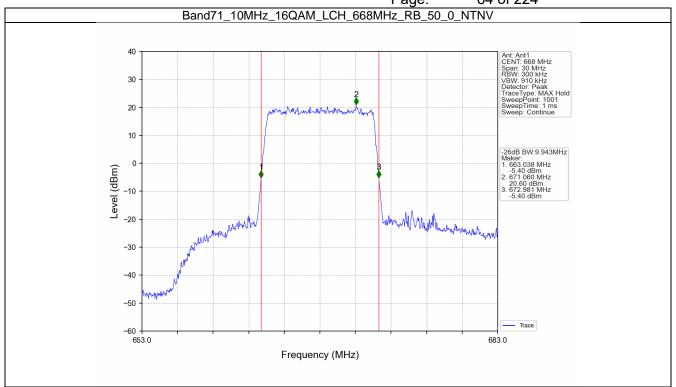
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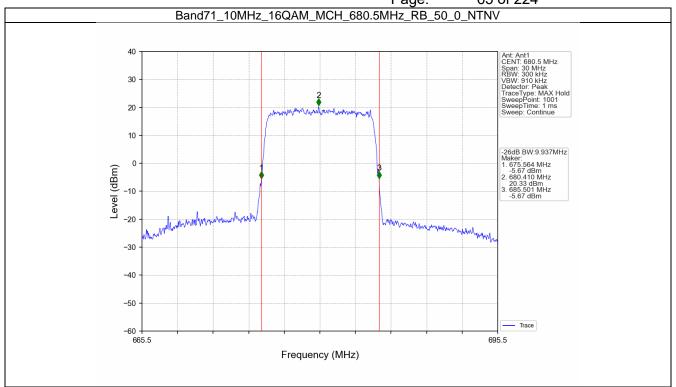
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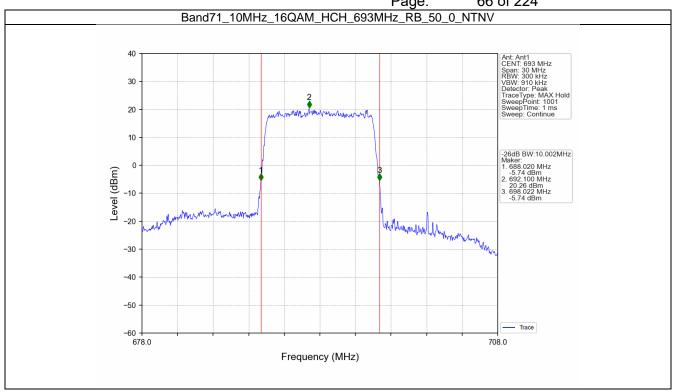
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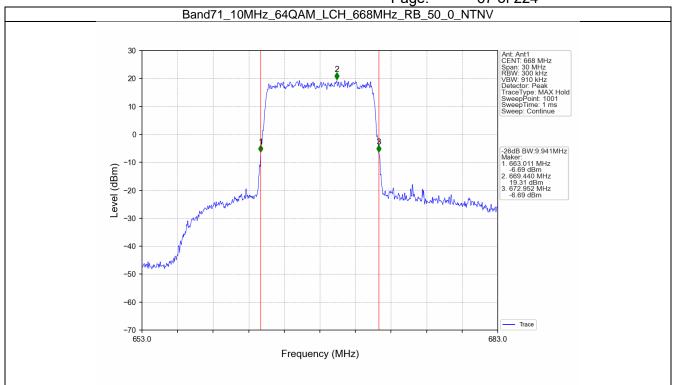
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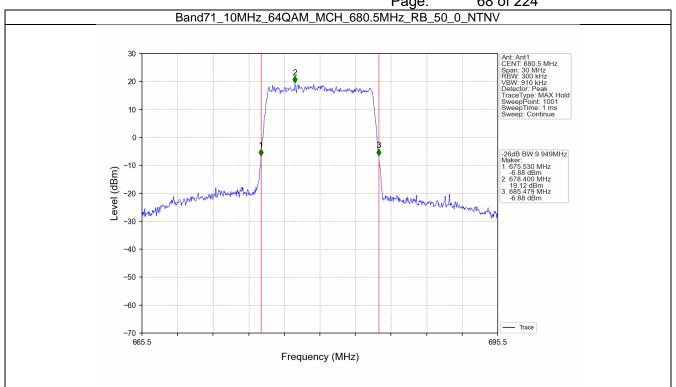
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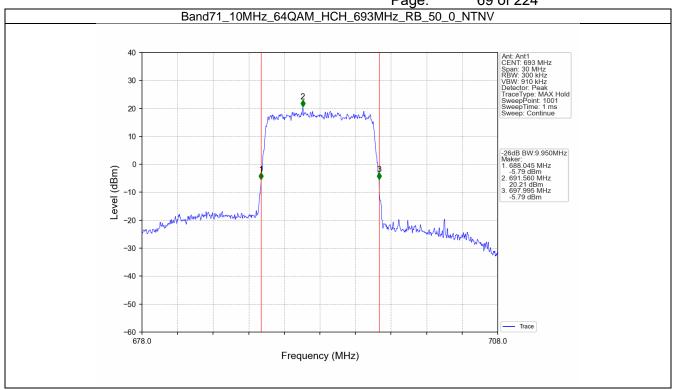
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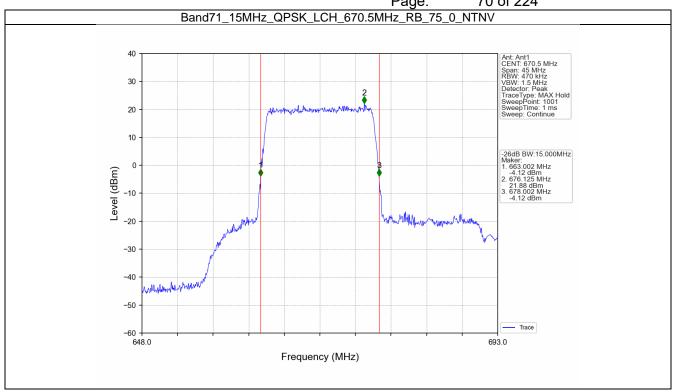
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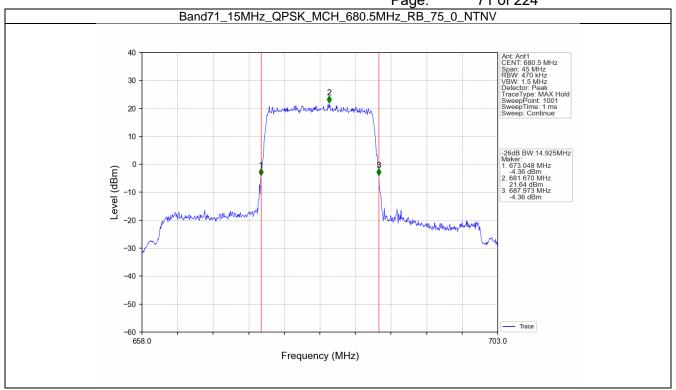
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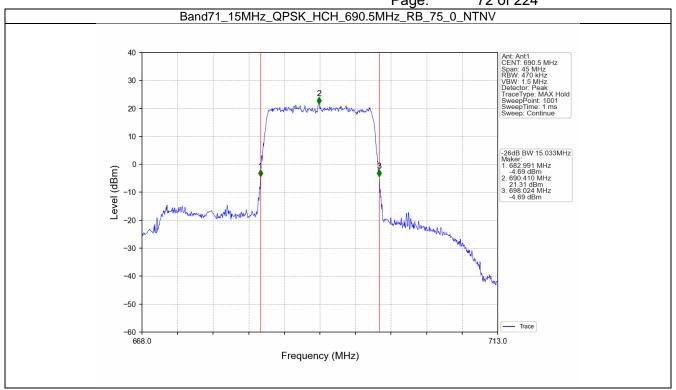
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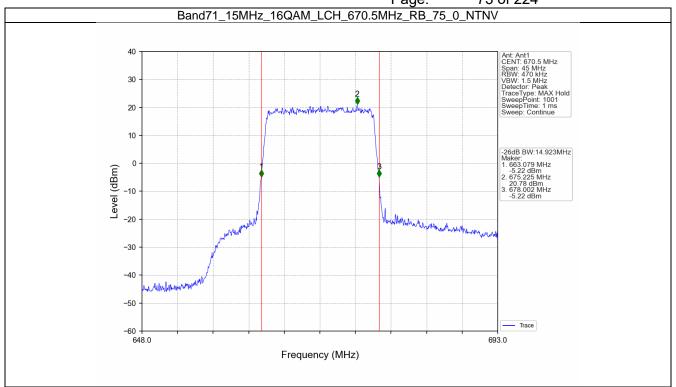
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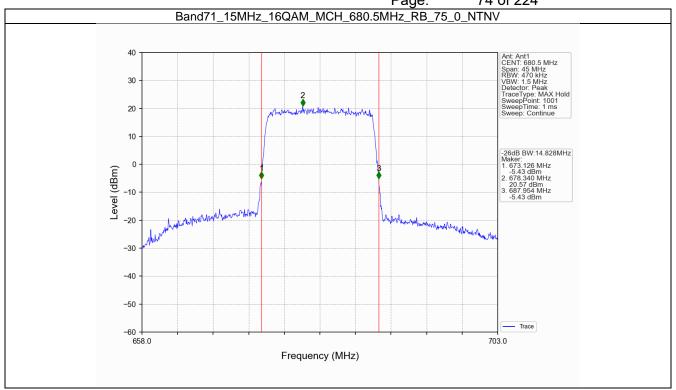
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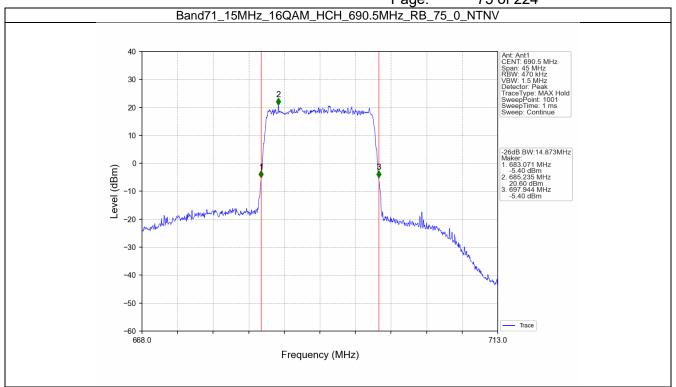
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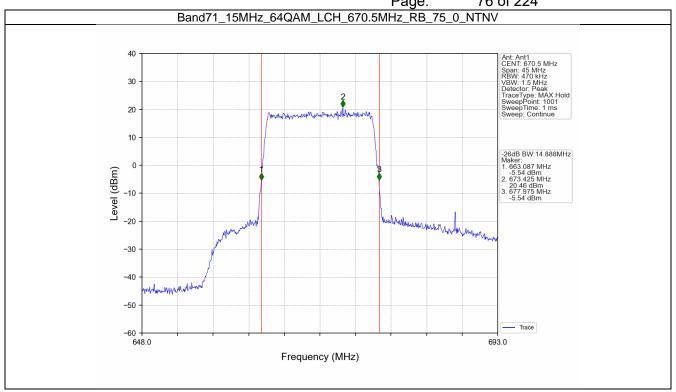
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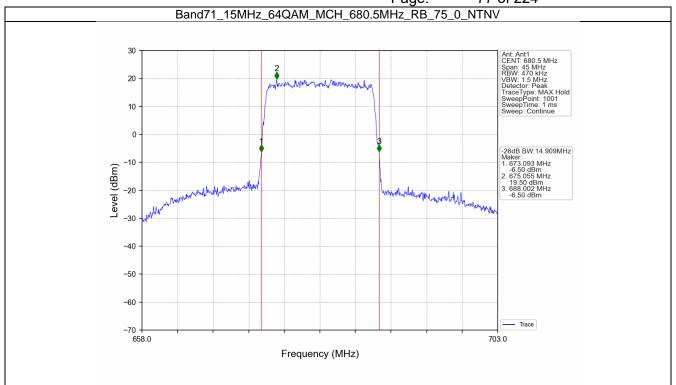
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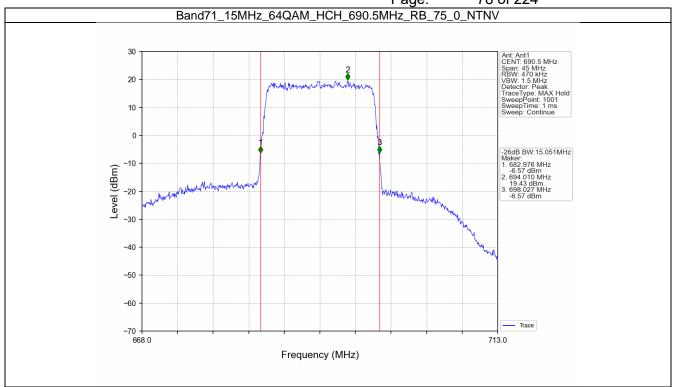
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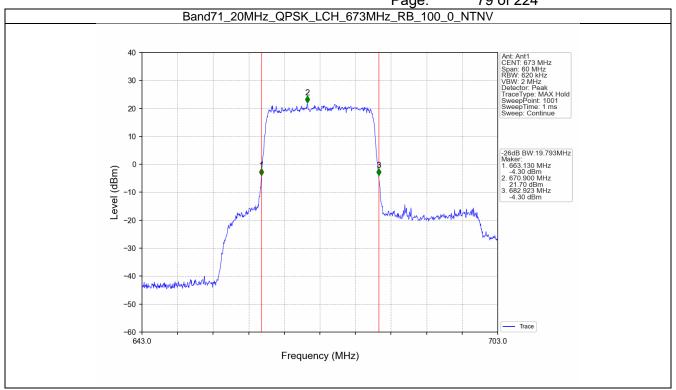
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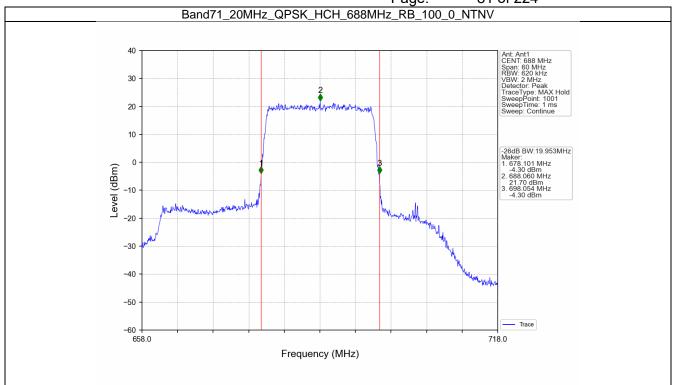
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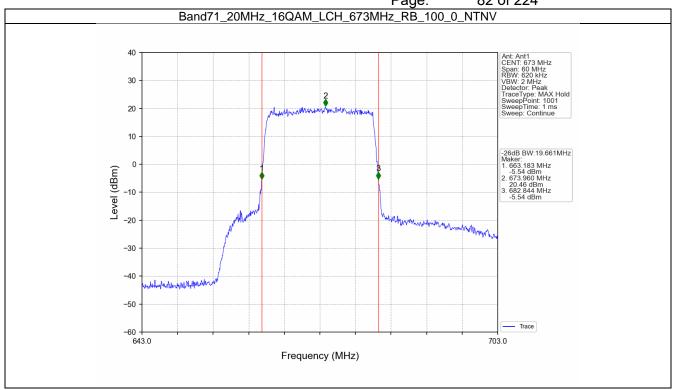
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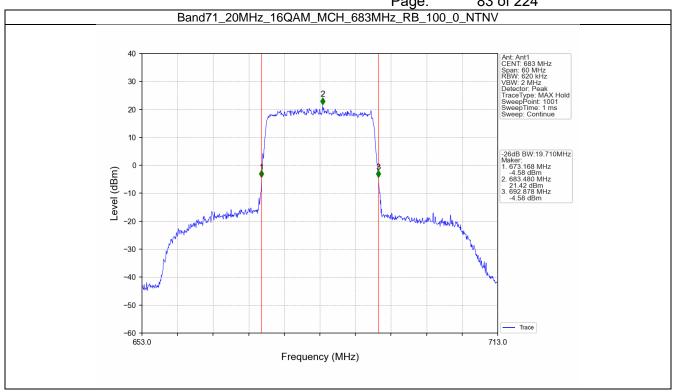
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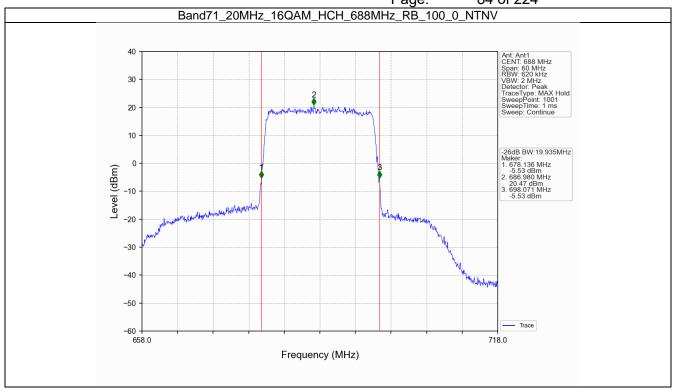
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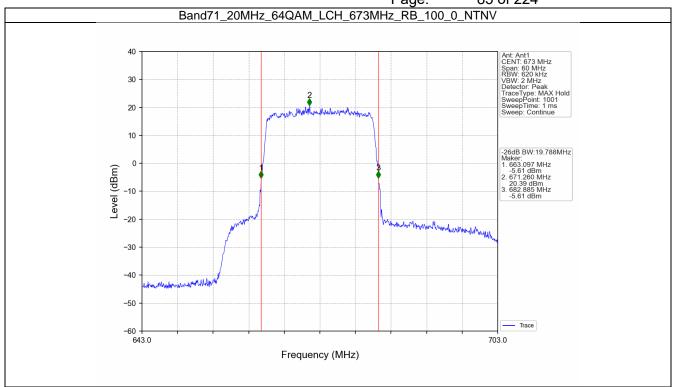
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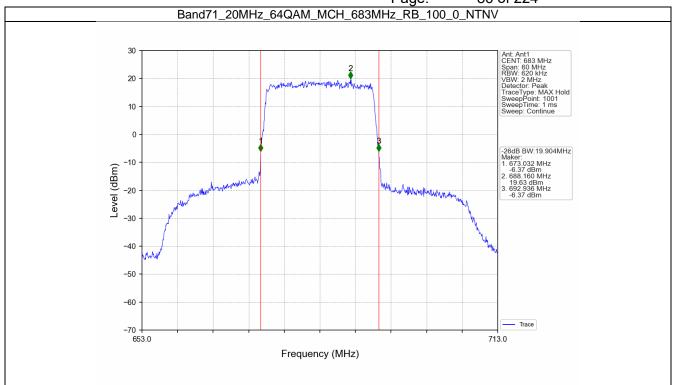
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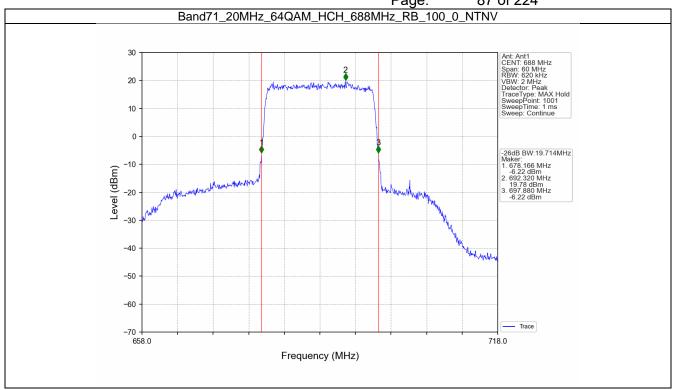
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3. Peak-Average Ratio

3.1 B71_5MHz

3.1.1 Test Result

		Ba	nd: 71 / Bandwid	th: 5MHz / NTNV		
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict
	(MHz)	Size	Offset	Result	Limit	verdict
QPSK	665.5	25	0	5.24	<=13	Pass
	680.5	25	0	5.33	<=13	Pass
	695.5	25	0	5.37	<=13	Pass
16QAM	665.5	25	0	5.99	<=13	Pass
	680.5	25	0	6.06	<=13	Pass
	695.5	25	0	6.06	<=13	Pass
64QAM	665.5	25	0	6.59	<=13	Pass
	680.5	25	0	6.63	<=13	Pass
	695.5	25	0	6.60	<=13	Pass



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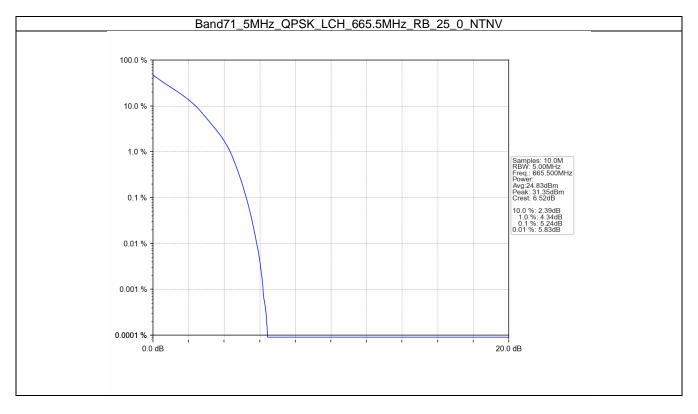


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3.1.2 Test Graph





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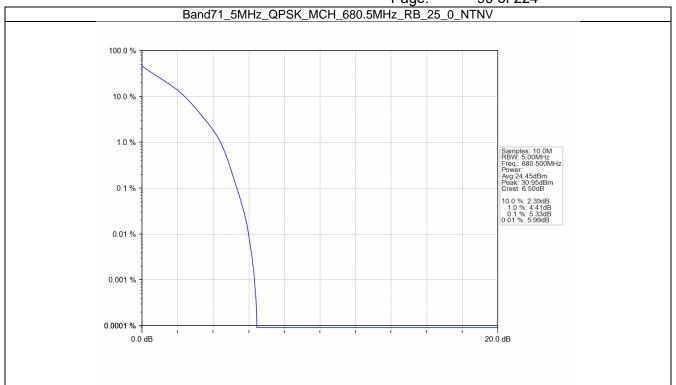
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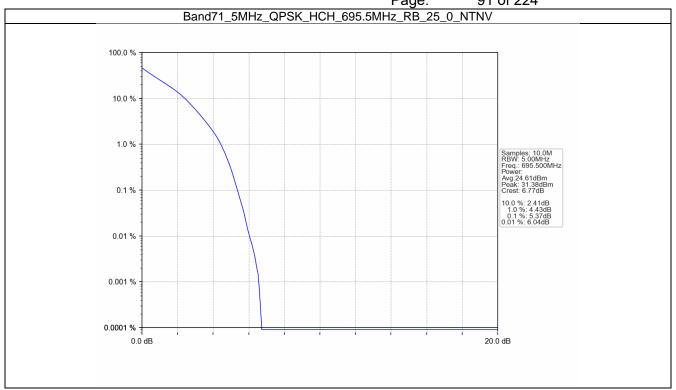
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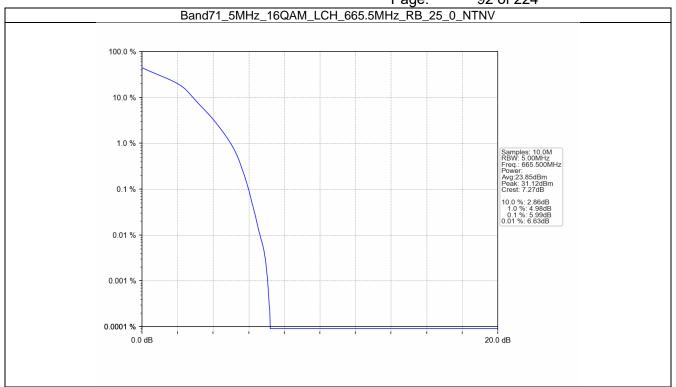
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