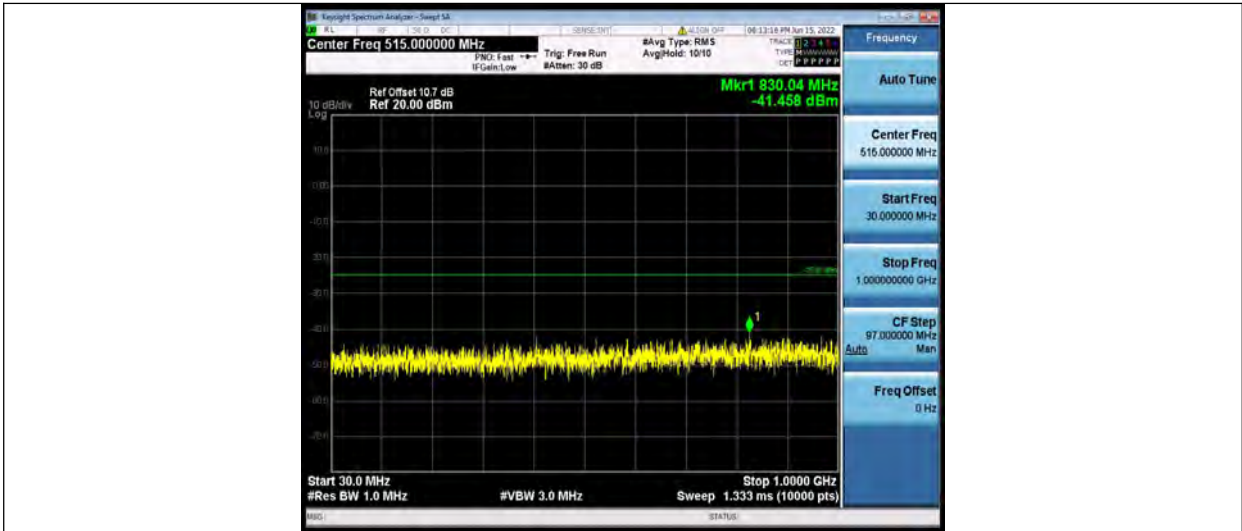
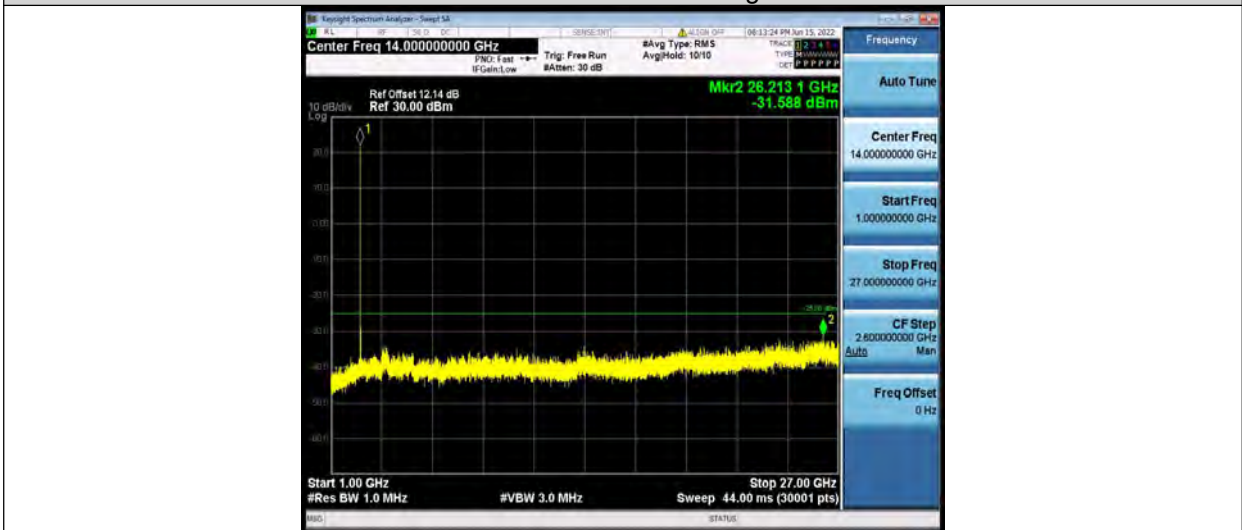




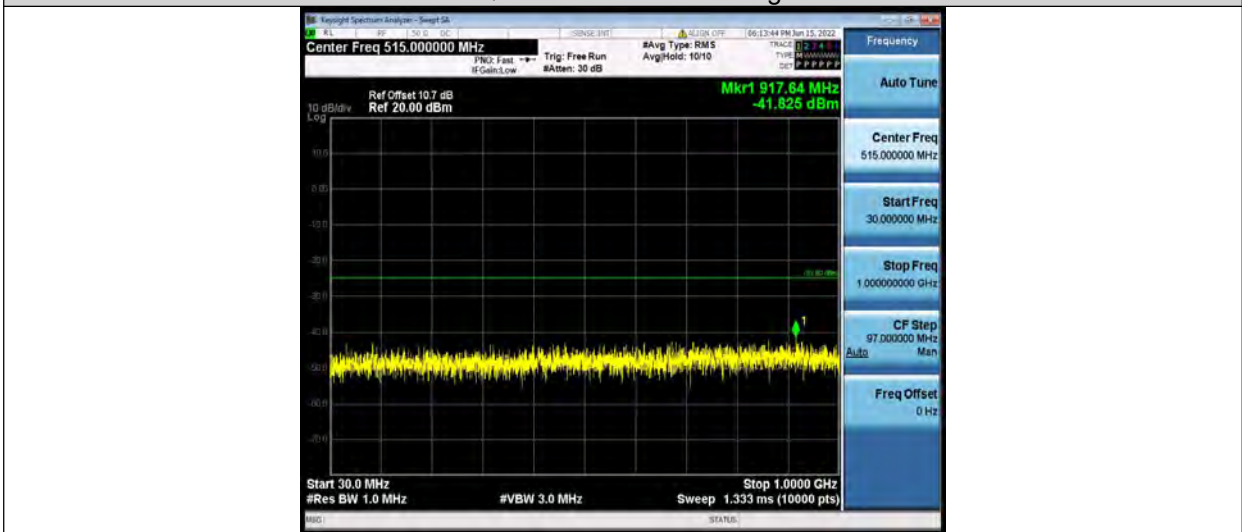
Test Report No.: PSU-NQN2204290110RF03



Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~27000MHz



Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz

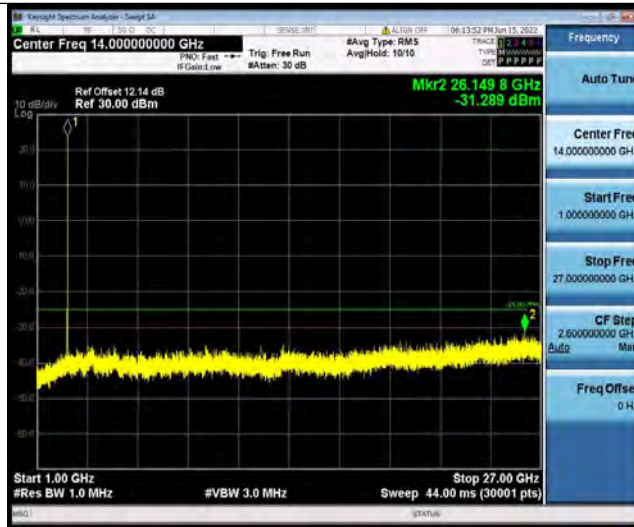


Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz

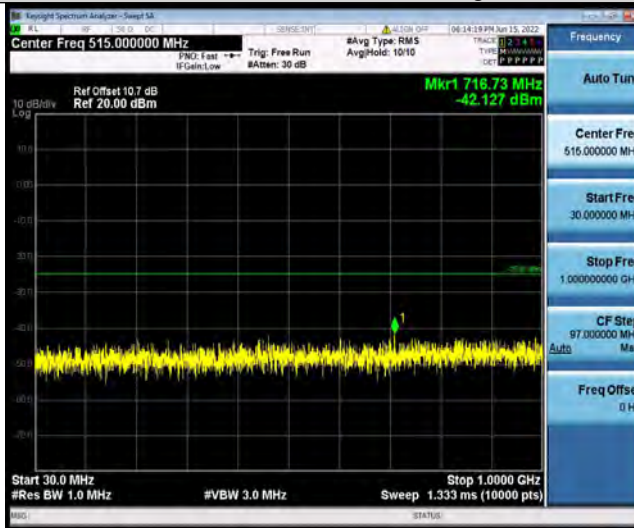


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03



Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~2700MHz



Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz

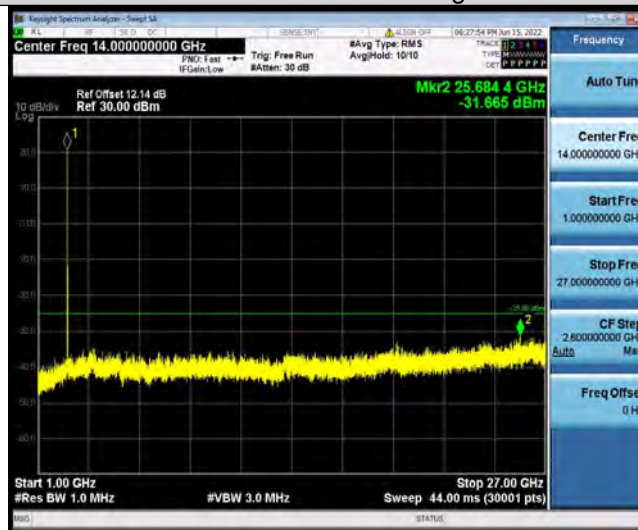


BUREAU VERITAS

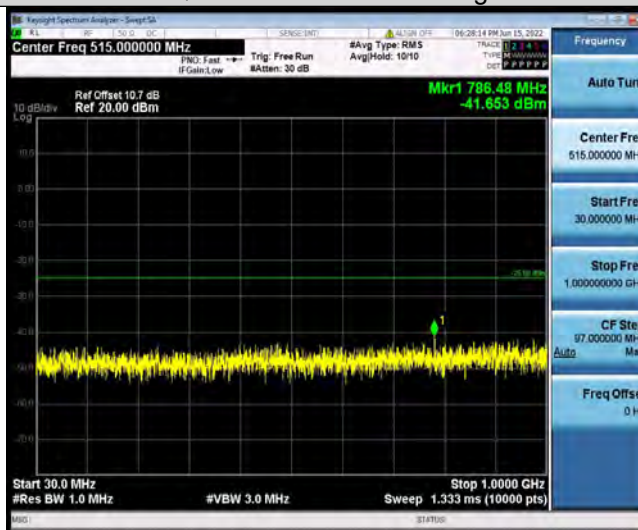
Test Report No.: PSU-NQN2204290110RF03



Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~27000MHz



Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

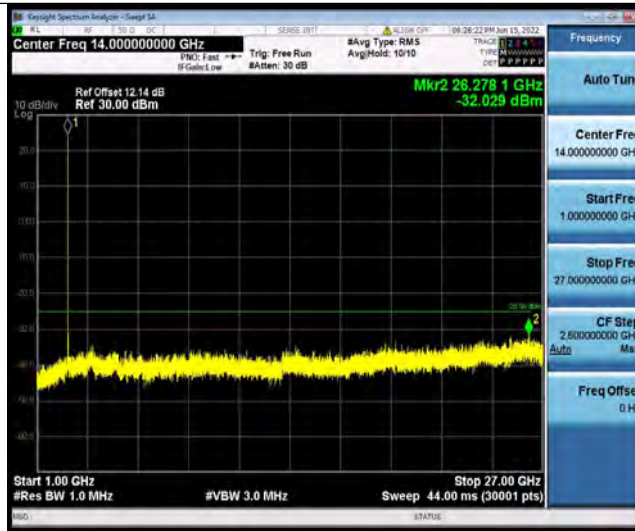


Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03



Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~27000MHz

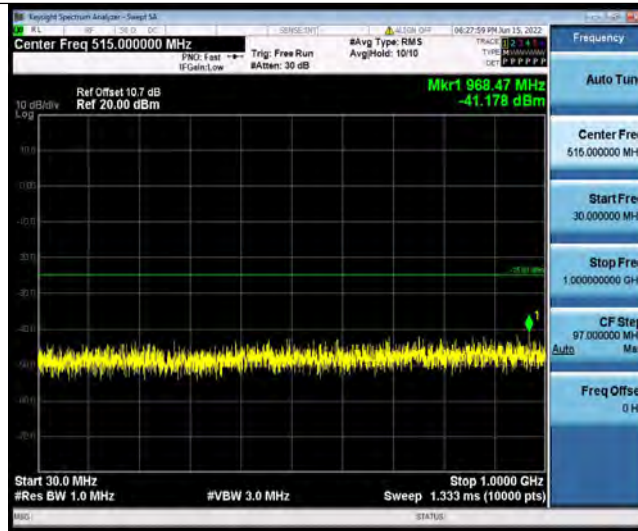


Band41-10MHz-16QAM-39700-1RB#0-Range1:30~1000MHz

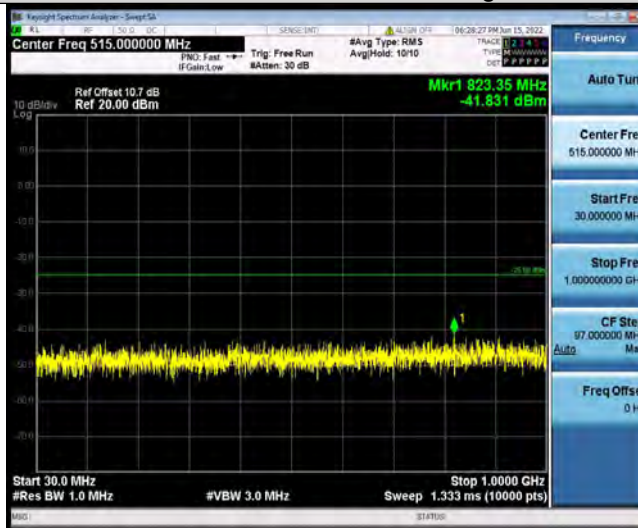


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03



Band41-10MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz

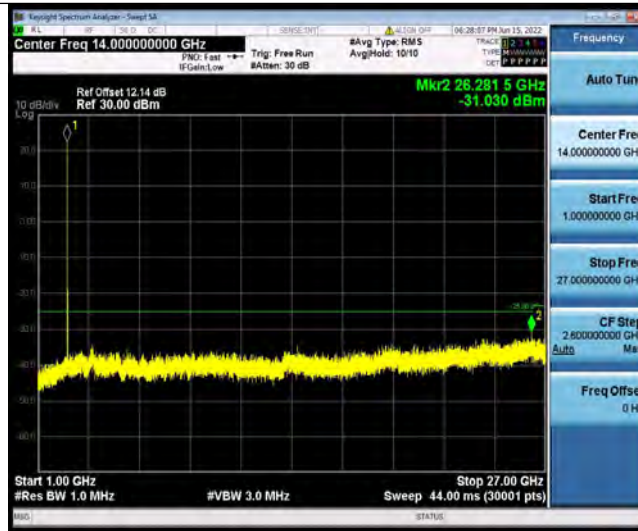


Band41-10MHz-16QAM-39700-1RB#0-Range2:1000~27000MHz

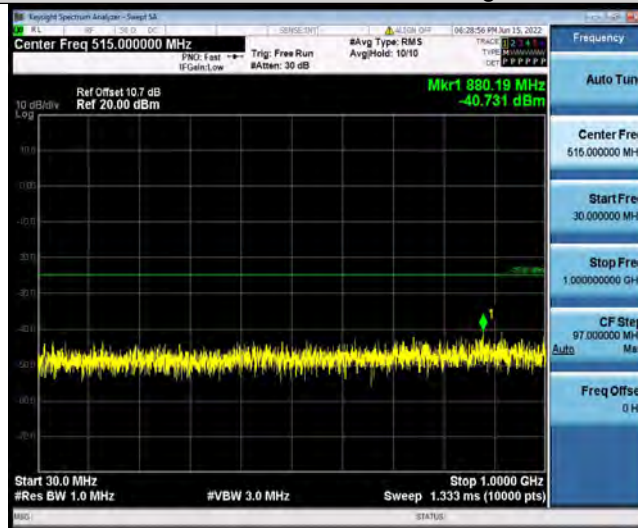


BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03



Band41-10MHz-16QAM-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-16QAM-41540-1RB#0-Range2:1000~27000MHz

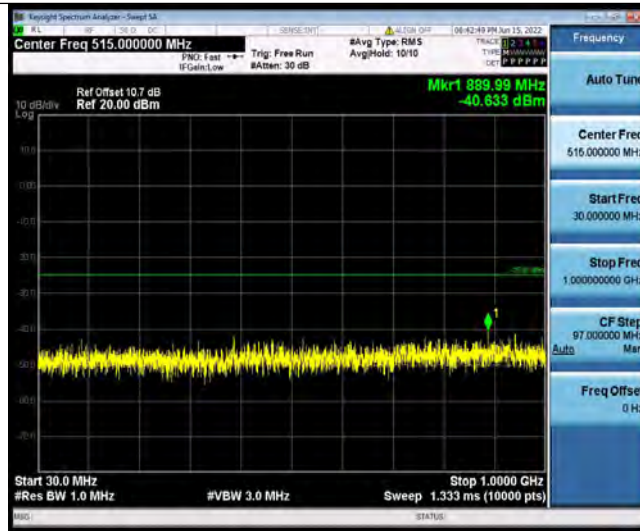


Band41-15MHz-QPSK-39725-1RB#0-Range1:30~1000MHz

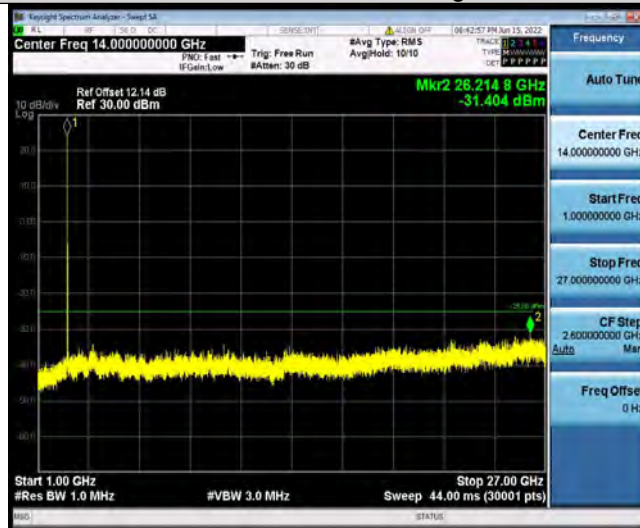


BUREAU VERITAS

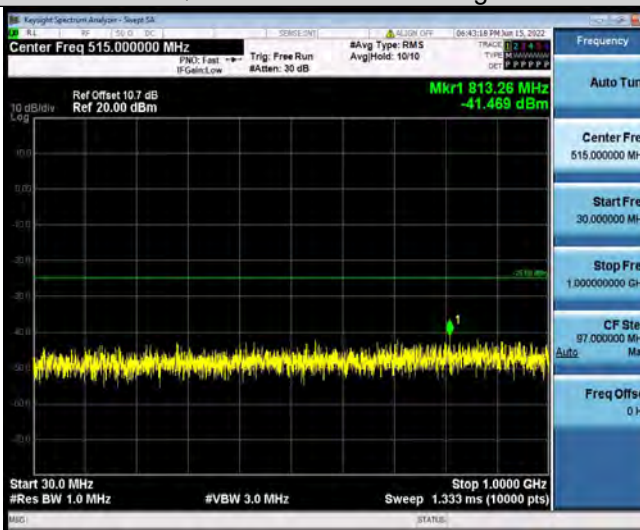
Test Report No.: PSU-NQN2204290110RF03



Band41-15MHz-QPSK-39725-1RB#0-Range2:1000~27000MHz



Band41-15MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

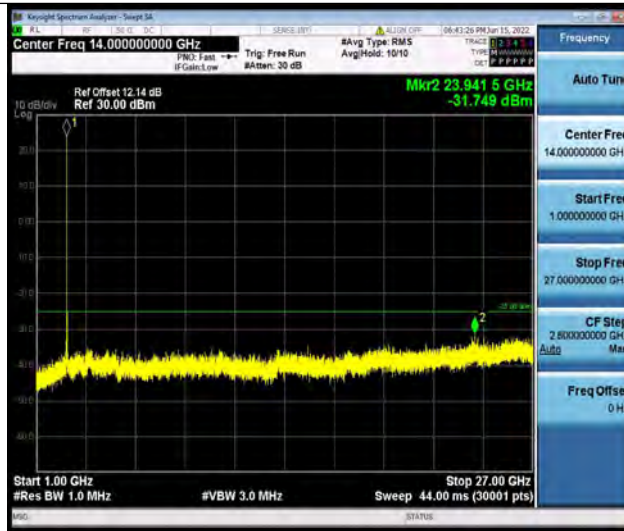


Band41-15MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz

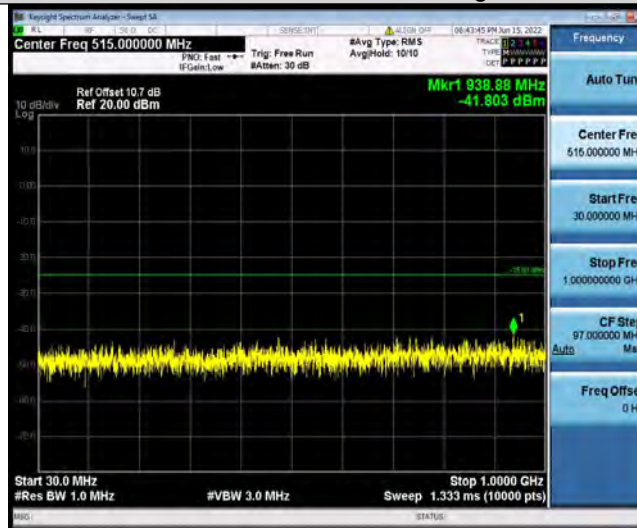


BUREAU VERITAS

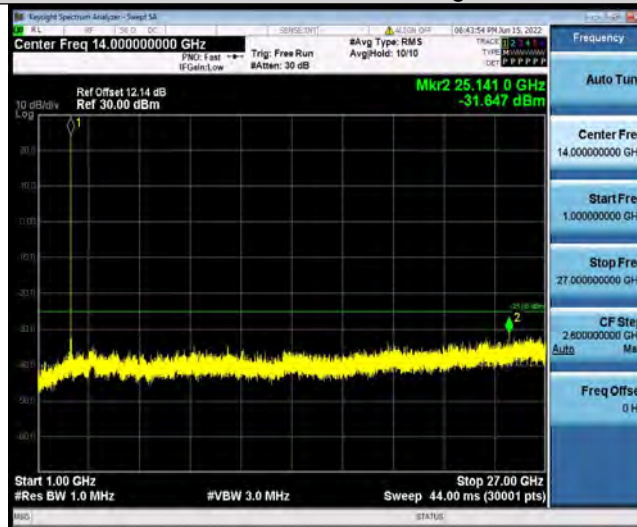
Test Report No.: PSU-NQN2204290110RF03



Band41-15MHz-QPSK-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-QPSK-41515-1RB#0-Range2:1000~27000MHz

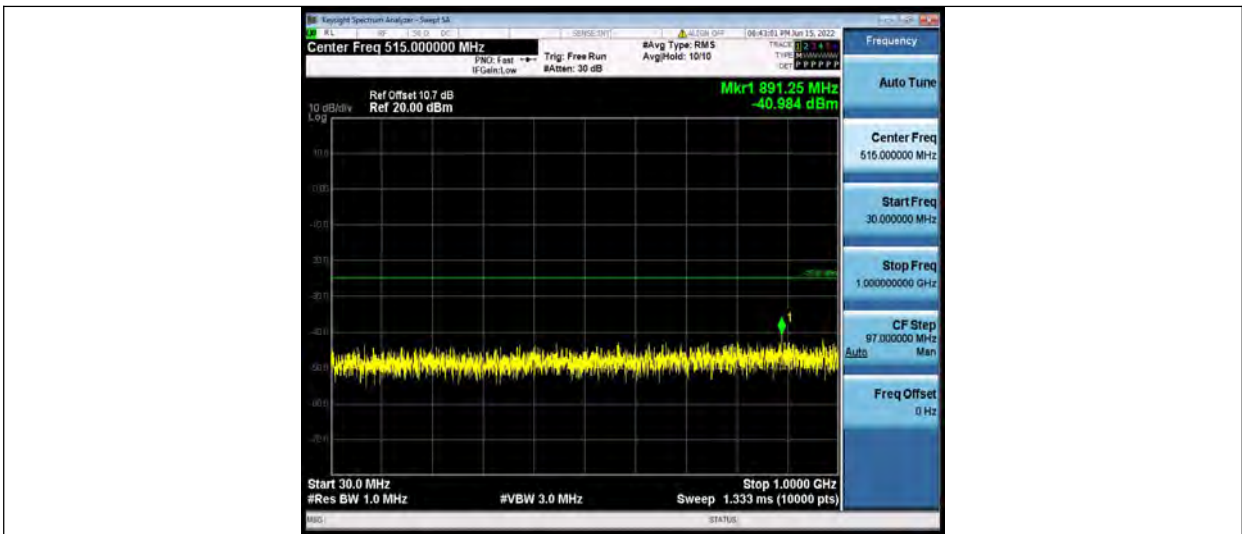


Band41-15MHz-16QAM-39725-1RB#0-Range1:30~1000MHz

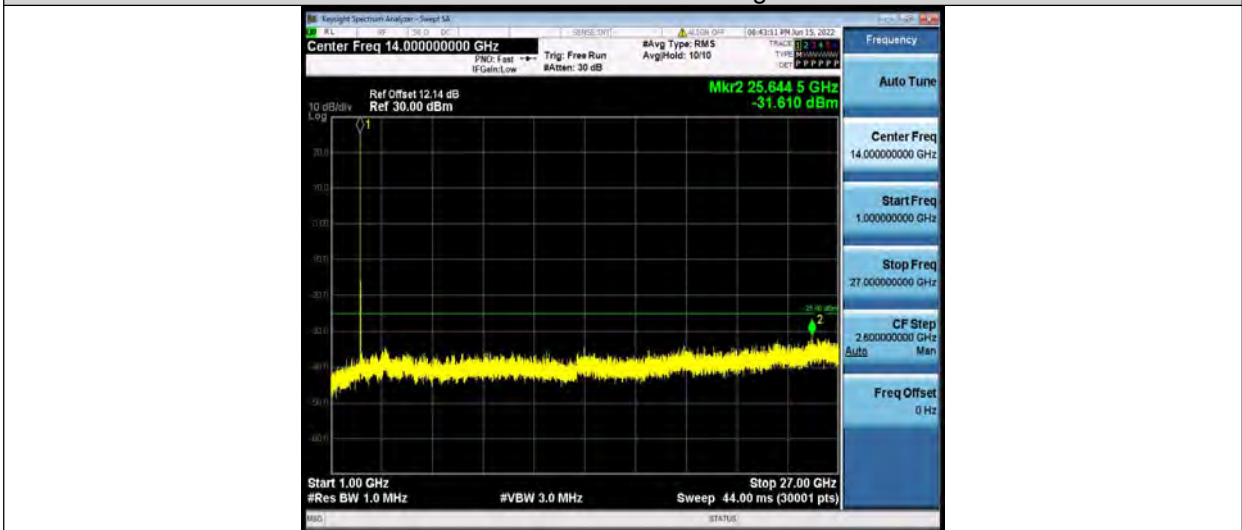




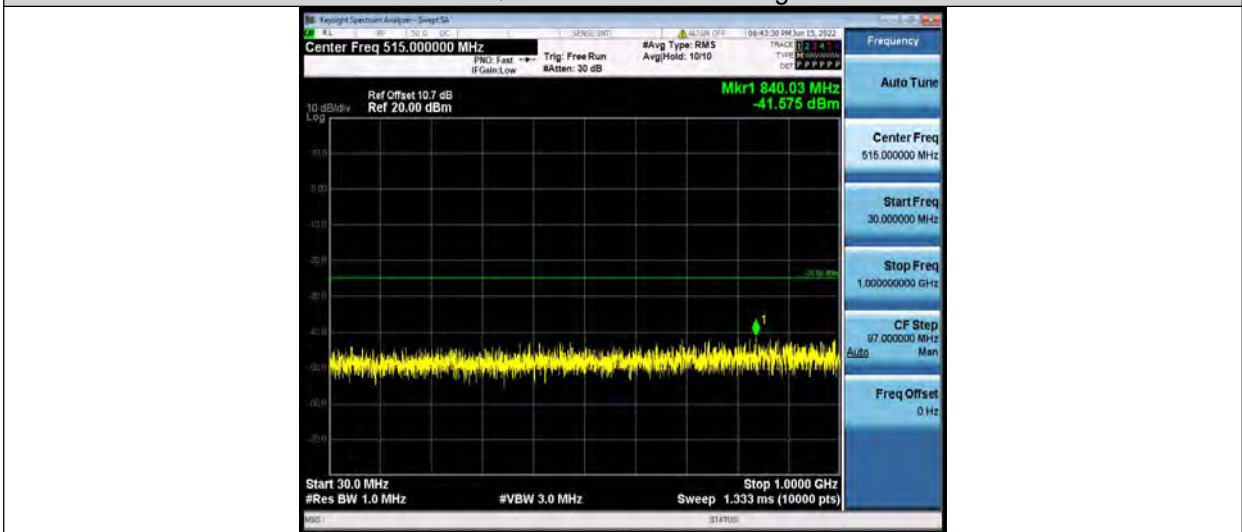
Test Report No.: PSU-NQN2204290110RF03



Band41-15MHz-16QAM-39725-1RB#0-Range2:1000~27000MHz



Band41-15MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz

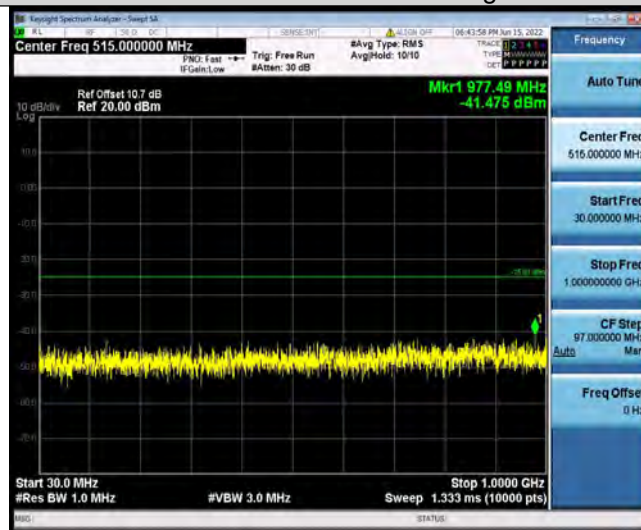


BUREAU VERITAS

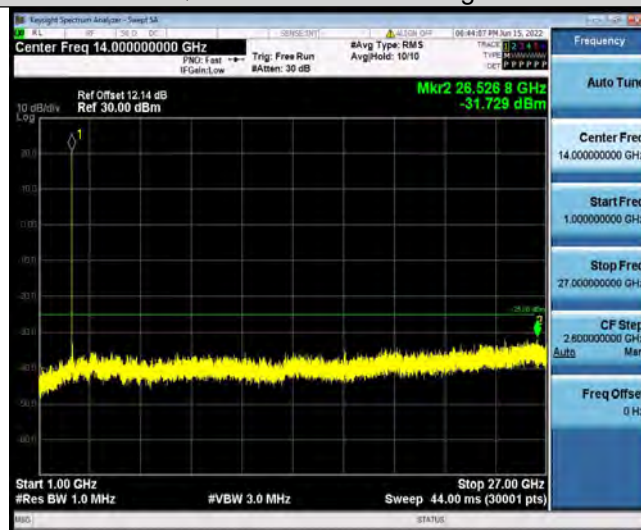
Test Report No.: PSU-NQN2204290110RF03



Band41-15MHz-16QAM-41515-1RB#0-Range1:30~1000MHz



Band41-15MHz-16QAM-41515-1RB#0-Range2:1000~27000MHz

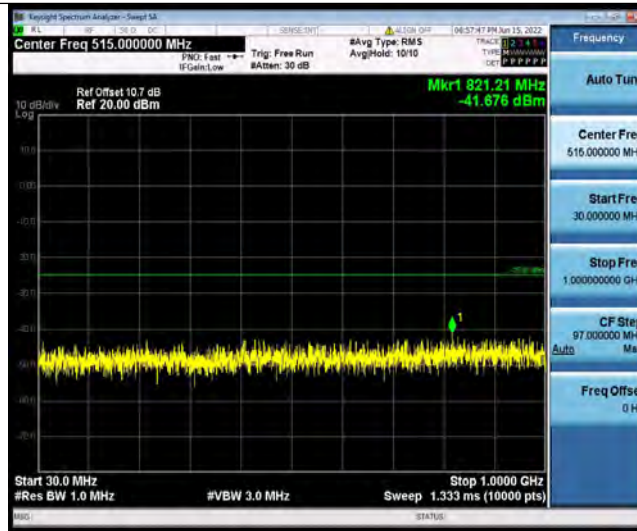


Band41-20MHz-QPSK-39750-1RB#0-Range1:30~1000MHz



BUREAU VERITAS

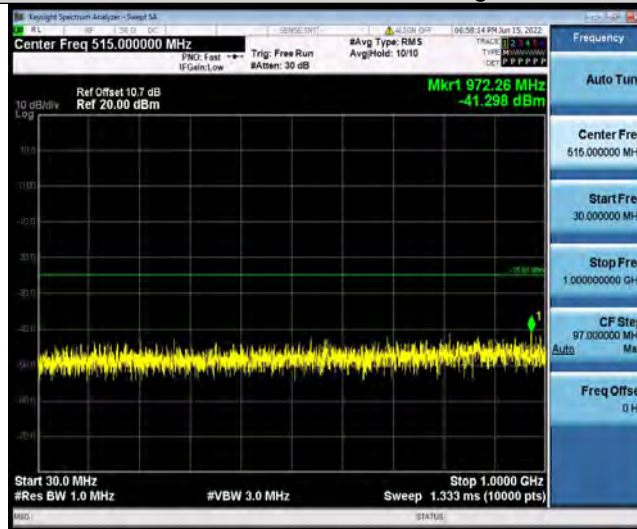
Test Report No.: PSU-NQN2204290110RF03



Band41-20MHz-QPSK-39750-1RB#0-Range2:1000~27000MHz



Band41-20MHz-QPSK-40620-1RB#0-Range1:30~1000MHz

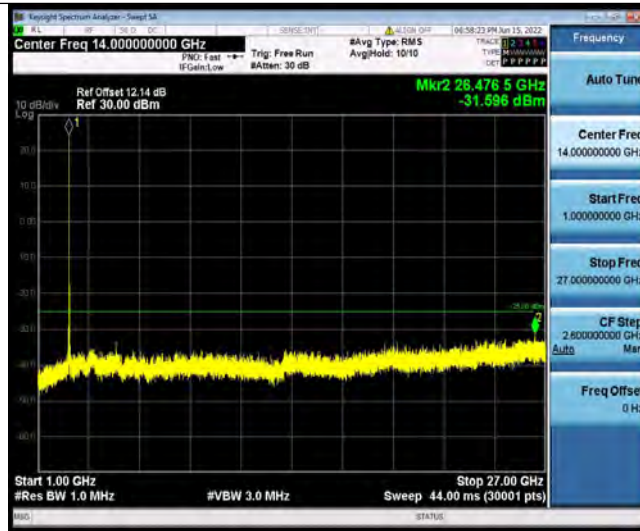


Band41-20MHz-QPSK-40620-1RB#0-Range2:1000~27000MHz



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03



Band41-20MHz-QPSK-41490-1RB#0-Range1:30~1000MHz



Band41-20MHz-QPSK-41490-1RB#0-Range2:1000~27000MHz



Band41-20MHz-16QAM-39750-1RB#0-Range1:30~1000MHz

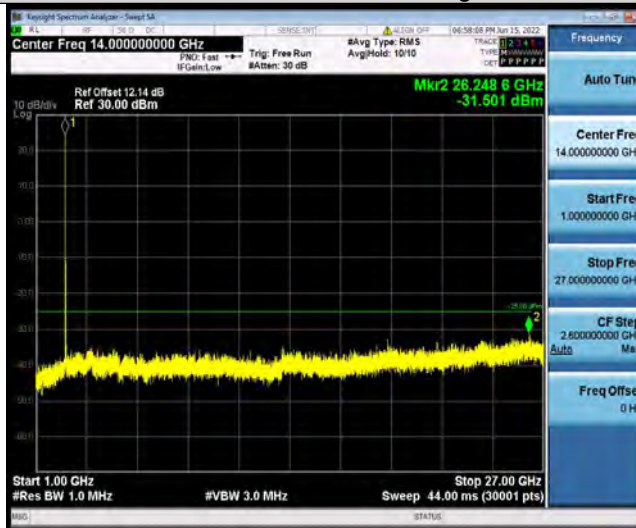


BUREAU VERITAS

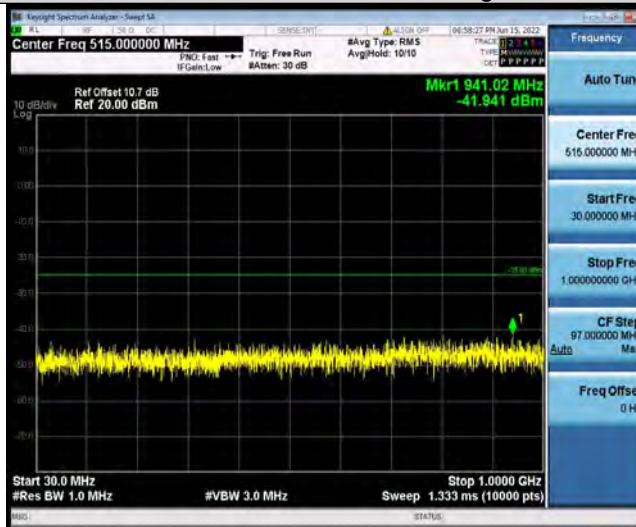
Test Report No.: PSU-NQN2204290110RF03



Band41-20MHz-16QAM-39750-1RB#0-Range2:1000~27000MHz



Band41-20MHz-16QAM-40620-1RB#0-Range1:30~1000MHz

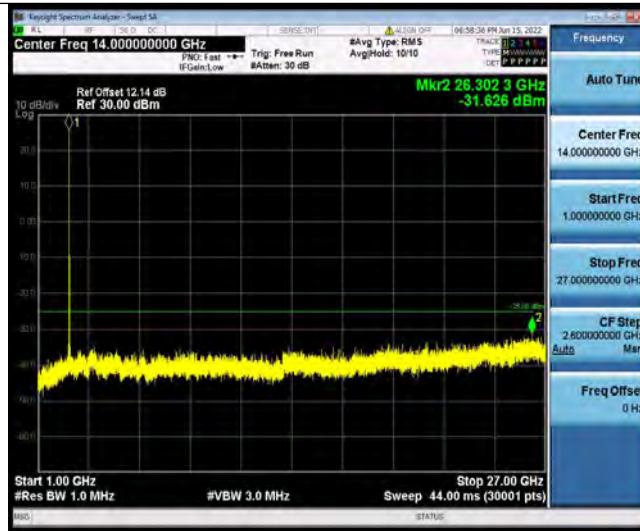


Band41-20MHz-16QAM-40620-1RB#0-Range2:1000~27000MHz



BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03



Band41-20MHz-16QAM-41490-1RB#0-Range1:30~100MHz



Band41-20MHz-16QAM-41490-1RB#0-Range2:1000~2700MHz





## FREQUENCY STABILITY

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4_1	5MHz	QPSK	39675	25RB#0	VL	NT	-11.09	-0.004439	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VN	NT	-20.53	-0.008217	±2.5	PASS
Band4_1	5MHz	QPSK	39675	25RB#0	VH	NT	-16.95	-0.006784	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VL	NT	-12.02	-0.004636	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VN	NT	4.33	0.001670	±2.5	PASS
Band4_1	5MHz	QPSK	40620	25RB#0	VH	NT	-15.68	-0.006047	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VL	NT	-12.25	-0.004558	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VN	NT	-7.78	-0.002895	±2.5	PASS
Band4_1	5MHz	QPSK	41565	25RB#0	VH	NT	-8.54	-0.003178	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VL	NT	-19.64	-0.007861	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VN	NT	-15.42	-0.006172	±2.5	PASS
Band4_1	5MHz	16QAM	39675	25RB#0	VH	NT	-13.12	-0.005251	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VL	NT	-14.32	-0.005523	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VN	NT	-9.26	-0.003571	±2.5	PASS
Band4_1	5MHz	16QAM	40620	25RB#0	VH	NT	-15.44	-0.005954	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VL	NT	8.70	0.003237	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VN	NT	-5.19	-0.001931	±2.5	PASS
Band4_1	5MHz	16QAM	41565	25RB#0	VH	NT	2.80	0.001042	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VL	NT	-15.41	-0.006162	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VN	NT	-15.45	-0.006178	±2.5	PASS
Band4_1	10MHz	QPSK	39700	50RB#0	VH	NT	-15.61	-0.006242	±2.5	PASS
Band4	10MHz	QPSK	40620	50RB#0	VL	NT	-8.97	-0.003459	±2.5	PASS



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Test Report No.: PSU-NQN2204290110RF03

1										
Band4 1	10MHz	QPSK	40620	50RB#0	VN	NT	-8.90	-0.003432	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	VH	NT	-7.34	-0.002831	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VL	NT	11.03	0.004108	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VN	NT	7.00	0.002607	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	VH	NT	-7.07	-0.002633	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	VL	NT	-19.27	-0.007705	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	VN	NT	-19.14	-0.007653	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	VH	NT	-20.54	-0.008213	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	VL	NT	5.79	0.002156	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	VN	NT	-5.68	-0.002115	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	VH	NT	7.30	0.002719	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VL	NT	-19.03	-0.007601	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VN	NT	-17.51	-0.006994	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	VH	NT	-13.48	-0.005384	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VL	NT	-10.27	-0.003961	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VN	NT	-8.60	-0.003317	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	VH	NT	-5.15	-0.001986	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VL	NT	6.18	0.002304	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VN	NT	-6.62	-0.002468	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	VH	NT	-7.21	-0.002688	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	VL	NT	-16.01	-0.006395	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	VN	NT	-8.93	-0.003567	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	VH	NT	-16.68	-0.006663	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	VL	NT	-11.44	-0.004265	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	VN	NT	5.62	0.002095	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	VH	NT	8.37	0.003120	±2.5	PASS
Band4	20MHz	QPSK	39750	100RB#0	VL	NT	-19.56	-0.007805	±2.5	PASS





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**Test Report No.: PSU-NQN2204290110RF03**

1										
Band4 1	20MHz	QPSK	39750	100RB#0	VN	NT	-19.93	-0.007953	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	VH	NT	-14.83	-0.005918	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VL	NT	-19.54	-0.007536	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VN	NT	-5.74	-0.002214	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	VH	NT	-16.41	-0.006329	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VL	NT	8.83	0.003295	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VN	NT	7.97	0.002974	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	VH	NT	7.85	0.002929	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	VL	NT	-13.93	-0.005559	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	VN	NT	-9.76	-0.003895	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	VH	NT	-17.22	-0.006872	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	VL	NT	5.55	0.002140	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	VN	NT	9.78	0.003772	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	VH	NT	-11.00	-0.004242	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	VL	NT	-10.69	-0.003989	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	VN	NT	8.03	0.002996	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	VH	NT	-7.85	-0.002929	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-30	-19.56	-0.007829	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	-20	-13.63	-0.005455	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	0	-14.69	-0.005880	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	10	-17.77	-0.007112	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	20	-10.24	-0.004098	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	30	-13.99	-0.005599	±2.5	PASS
Band4 1	5MHz	QPSK	39675	25RB#0	NV	40	-16.87	-0.006752	±2.5	PASS



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Test Report No.: PSU-NQN2204290110RF03

Band4 1	5MHz	QPSK	39675	25RB#0	NV	50	-19.77	-0.007913	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-30	-11.44	-0.004412	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	-20	-12.75	-0.004917	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	0	-11.22	-0.004327	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	10	-11.30	-0.004358	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	20	-12.66	-0.004882	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	30	-14.18	-0.005469	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	40	-11.46	-0.004420	±2.5	PASS
Band4 1	5MHz	QPSK	40620	25RB#0	NV	50	-15.91	-0.006136	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-30	-6.62	-0.002463	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	-20	12.35	0.004595	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	0	7.28	0.002709	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	10	6.57	0.002445	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	20	5.97	0.002221	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	30	-8.27	-0.003077	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	40	-8.63	-0.003211	±2.5	PASS
Band4 1	5MHz	QPSK	41565	25RB#0	NV	50	6.57	0.002445	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-30	-18.12	-0.007252	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	-20	-16.29	-0.006520	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	0	-13.12	-0.005251	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	10	-13.95	-0.005583	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	20	-12.85	-0.005143	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	30	-13.32	-0.005331	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	40	-10.63	-0.004255	±2.5	PASS
Band4 1	5MHz	16QAM	39675	25RB#0	NV	50	-16.65	-0.006664	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-30	-8.97	-0.003459	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	-20	-9.81	-0.003783	±2.5	PASS



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Test Report No.: PSU-NQN2204290110RF03

Band4 1	5MHz	16QAM	40620	25RB#0	NV	0	-16.49	-0.006359	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	10	-11.19	-0.004315	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	20	-10.03	-0.003868	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	30	-11.44	-0.004412	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	40	-9.08	-0.003502	±2.5	PASS
Band4 1	5MHz	16QAM	40620	25RB#0	NV	50	-9.38	-0.003617	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-30	-6.87	-0.002556	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	-20	9.60	0.003572	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	0	8.85	0.003293	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	10	-5.59	-0.002080	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	20	7.05	0.002623	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	30	12.95	0.004819	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	40	-5.28	-0.001965	±2.5	PASS
Band4 1	5MHz	16QAM	41565	25RB#0	NV	50	-6.22	-0.002314	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-30	-18.71	-0.007481	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	-20	-15.96	-0.006381	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	0	-11.87	-0.004746	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	10	-19.86	-0.007941	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	20	-17.12	-0.006845	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	30	-14.82	-0.005926	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	40	-13.76	-0.005502	±2.5	PASS
Band4 1	10MHz	QPSK	39700	50RB#0	NV	50	-10.76	-0.004302	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-30	6.87	0.002649	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	-20	-7.48	-0.002885	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	0	-11.39	-0.004393	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	10	-15.29	-0.005897	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	20	-10.16	-0.003918	±2.5	PASS



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Band4 1	10MHz	QPSK	40620	50RB#0	NV	30	-4.51	-0.001739	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	40	-5.91	-0.002279	±2.5	PASS
Band4 1	10MHz	QPSK	40620	50RB#0	NV	50	-8.25	-0.003182	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-30	7.24	0.002696	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	-20	5.76	0.002145	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	0	-7.55	-0.002812	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	10	7.72	0.002875	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	20	7.01	0.002611	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	30	6.95	0.002588	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	40	8.35	0.003110	±2.5	PASS
Band4 1	10MHz	QPSK	41540	50RB#0	NV	50	-10.57	-0.003937	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	-30	-18.22	-0.007285	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	-20	-12.79	-0.005114	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	0	-12.73	-0.005090	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	10	-20.38	-0.008149	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	20	-14.86	-0.005942	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	30	-16.82	-0.006725	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	40	-17.87	-0.007145	±2.5	PASS
Band4 1	10MHz	16QAM	39700	27RB#0	NV	50	-14.86	-0.005942	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	-30	-5.71	-0.002127	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	-20	9.01	0.003356	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	0	3.49	0.001300	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	10	-5.48	-0.002041	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	20	-10.60	-0.003948	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	30	-6.64	-0.002473	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	40	11.17	0.004160	±2.5	PASS
Band4 1	10MHz	16QAM	41540	27RB#0	NV	50	4.52	0.001683	±2.5	PASS



**BUREAU  
VERITAS**

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Band4 1	15MHz	QPSK	39725	75RB#0	NV	-30	-19.60	-0.007829	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	-20	-21.13	-0.008440	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	0	-17.07	-0.006818	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	10	-16.38	-0.006543	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	20	-18.17	-0.007258	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	30	-15.61	-0.006235	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	40	-19.24	-0.007685	±2.5	PASS
Band4 1	15MHz	QPSK	39725	75RB#0	NV	50	-14.76	-0.005896	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-30	5.98	0.002306	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	-20	8.14	0.003139	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	0	7.28	0.002808	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	10	-11.36	-0.004381	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	20	-10.46	-0.004034	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	30	-13.95	-0.005380	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	40	-14.28	-0.005507	±2.5	PASS
Band4 1	15MHz	QPSK	40620	75RB#0	NV	50	-10.91	-0.004207	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-30	-10.84	-0.004041	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	-20	-4.33	-0.001614	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	0	6.71	0.002501	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	10	10.06	0.003750	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	20	8.20	0.003057	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	30	-7.74	-0.002885	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	40	7.02	0.002617	±2.5	PASS
Band4 1	15MHz	QPSK	41515	75RB#0	NV	50	9.08	0.003385	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	-30	-18.70	-0.007470	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	-20	-19.45	-0.007769	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	0	-23.09	-0.009223	±2.5	PASS



**BUREAU  
VERITAS**

**Test Report No.: PSU-NQN2204290110RF03**

Band4 1	15MHz	16QAM	39725	27RB#0	NV	10	-11.97	-0.004781	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	20	-14.39	-0.005748	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	30	-20.34	-0.008125	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	40	-17.51	-0.006994	±2.5	PASS
Band4 1	15MHz	16QAM	39725	27RB#0	NV	50	-15.31	-0.006115	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	-30	-7.64	-0.002848	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	-20	-11.29	-0.004209	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	0	4.33	0.001614	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	10	-8.68	-0.003236	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	20	5.68	0.002117	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	30	-10.56	-0.003937	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	40	-12.17	-0.004537	±2.5	PASS
Band4 1	15MHz	16QAM	41515	27RB#0	NV	50	7.80	0.002908	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-30	-18.71	-0.007466	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	-20	-14.61	-0.005830	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	0	-14.68	-0.005858	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	10	-18.87	-0.007530	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	20	-19.38	-0.007733	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	30	-20.44	-0.008156	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	40	-16.52	-0.006592	±2.5	PASS
Band4 1	20MHz	QPSK	39750	100RB#0	NV	50	-16.34	-0.006520	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-30	-12.10	-0.004666	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	-20	-9.63	-0.003714	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	0	-16.12	-0.006217	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	10	-9.80	-0.003779	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	20	-13.05	-0.005033	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	30	-13.38	-0.005160	±2.5	PASS



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Band4 1	20MHz	QPSK	40620	100RB#0	NV	40	-16.26	-0.006271	±2.5	PASS
Band4 1	20MHz	QPSK	40620	100RB#0	NV	50	-12.63	-0.004871	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-30	8.53	0.003183	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	-20	7.97	0.002974	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	0	-7.10	-0.002649	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	10	-5.87	-0.002190	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	20	-6.78	-0.002530	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	30	-7.94	-0.002963	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	40	5.31	0.001981	±2.5	PASS
Band4 1	20MHz	QPSK	41490	100RB#0	NV	50	7.47	0.002787	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	-30	-14.63	-0.005838	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	-20	-16.95	-0.006764	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	0	-16.44	-0.006560	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	10	-15.28	-0.006097	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	20	-12.19	-0.004864	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	30	-13.52	-0.005395	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	40	-18.10	-0.007223	±2.5	PASS
Band4 1	20MHz	16QAM	39750	27RB#0	NV	50	-19.68	-0.007853	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	-30	-6.28	-0.002422	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	-20	6.77	0.002611	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	0	9.10	0.003509	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	10	7.31	0.002819	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	20	-6.35	-0.002449	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	30	2.88	0.001111	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	40	7.18	0.002769	±2.5	PASS
Band4 1	20MHz	16QAM	40620	27RB#0	NV	50	-7.55	-0.002912	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	-30	6.49	0.002422	±2.5	PASS



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Band4 1	20MHz	16QAM	41490	27RB#0	NV	-20	-7.77	-0.002899	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	0	-11.03	-0.004116	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	10	-11.67	-0.004354	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	20	-6.37	-0.002377	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	30	-7.22	-0.002694	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	40	-9.30	-0.003470	±2.5	PASS
Band4 1	20MHz	16QAM	41490	27RB#0	NV	50	-9.30	-0.003470	±2.5	PASS





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VERITAS

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## LTE BAND66

### PEAK-TO-AVERAGE RATIO(CCDF)

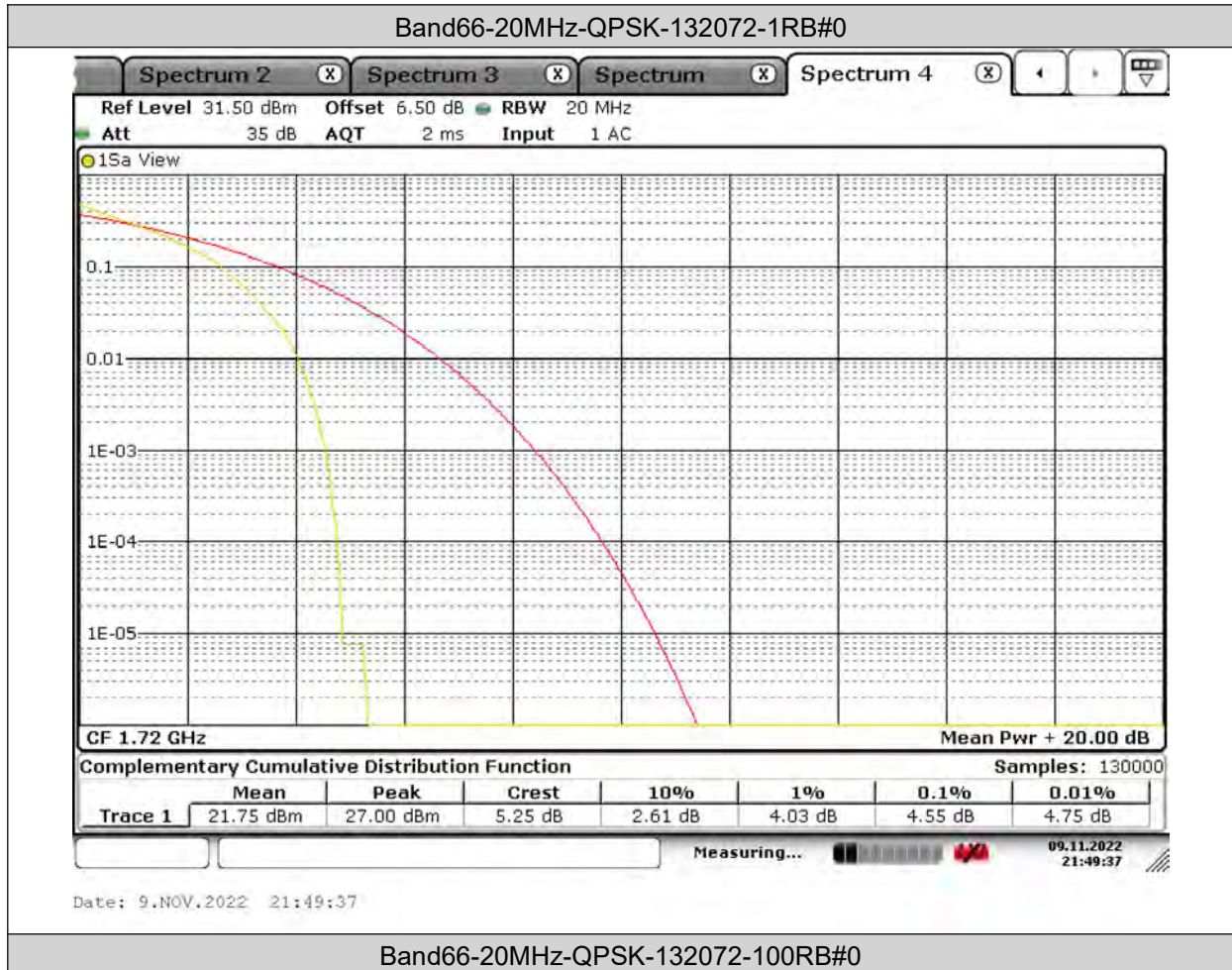
#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	20MHz	QPSK	132072	1RB#0	4.55	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.81	13	PASS
Band66	20MHz	QPSK	132322	1RB#0	4.12	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	4.9	13	PASS
Band66	20MHz	QPSK	132572	1RB#0	5.77	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.75	13	PASS
Band66	20MHz	16QAM	132072	1RB#0	4.96	13	PASS
Band66	20MHz	16QAM	132072	27RB#0	5.77	13	PASS
Band66	20MHz	16QAM	132322	1RB#0	4.35	13	PASS
Band66	20MHz	16QAM	132322	27RB#0	5.13	13	PASS
Band66	20MHz	16QAM	132572	1RB#0	7.07	13	PASS
Band66	20MHz	16QAM	132572	27RB#0	6.46	13	PASS



Test Report No.: PSU-NQN2204290110RF03

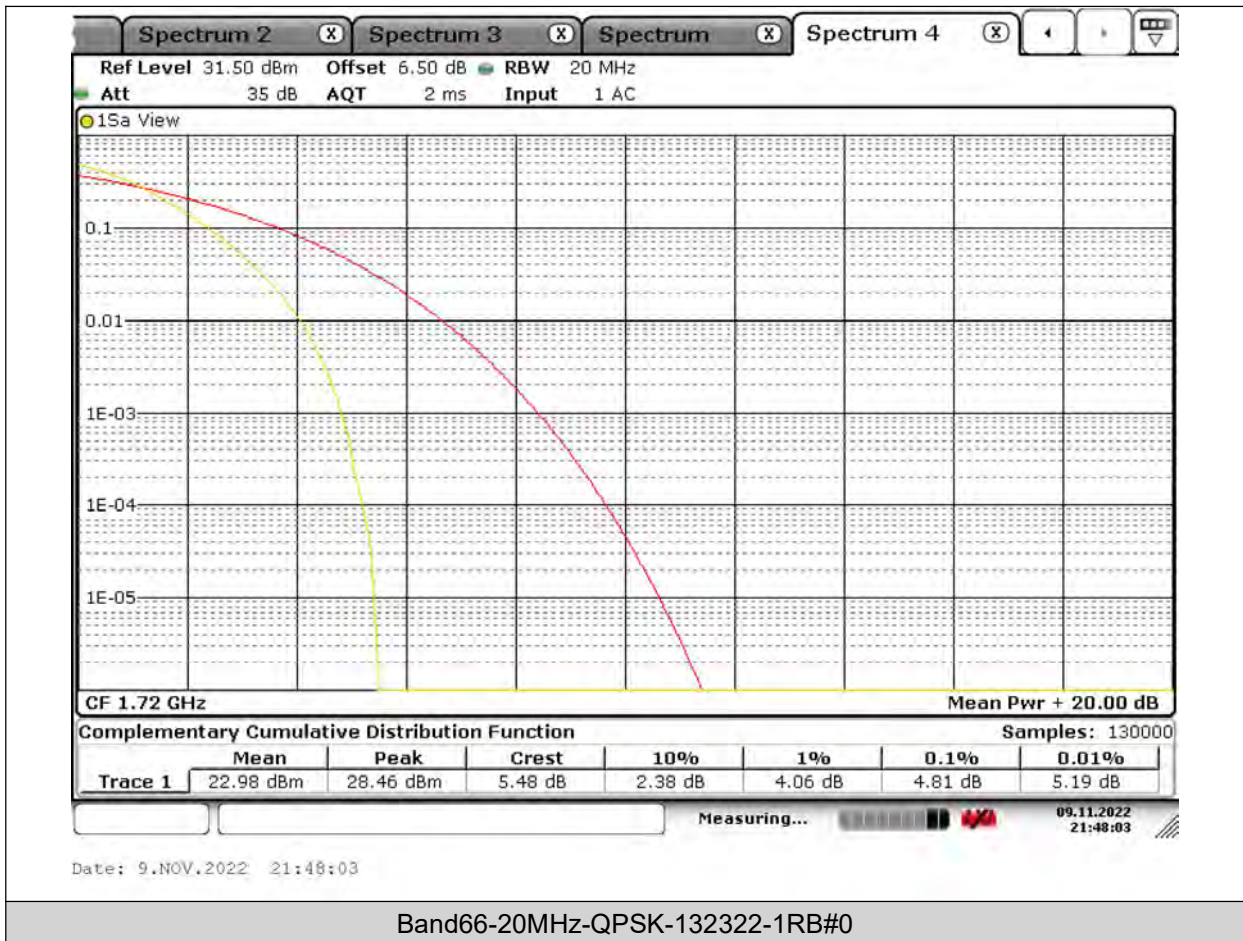
### Test Graphs





BUREAU VERITAS

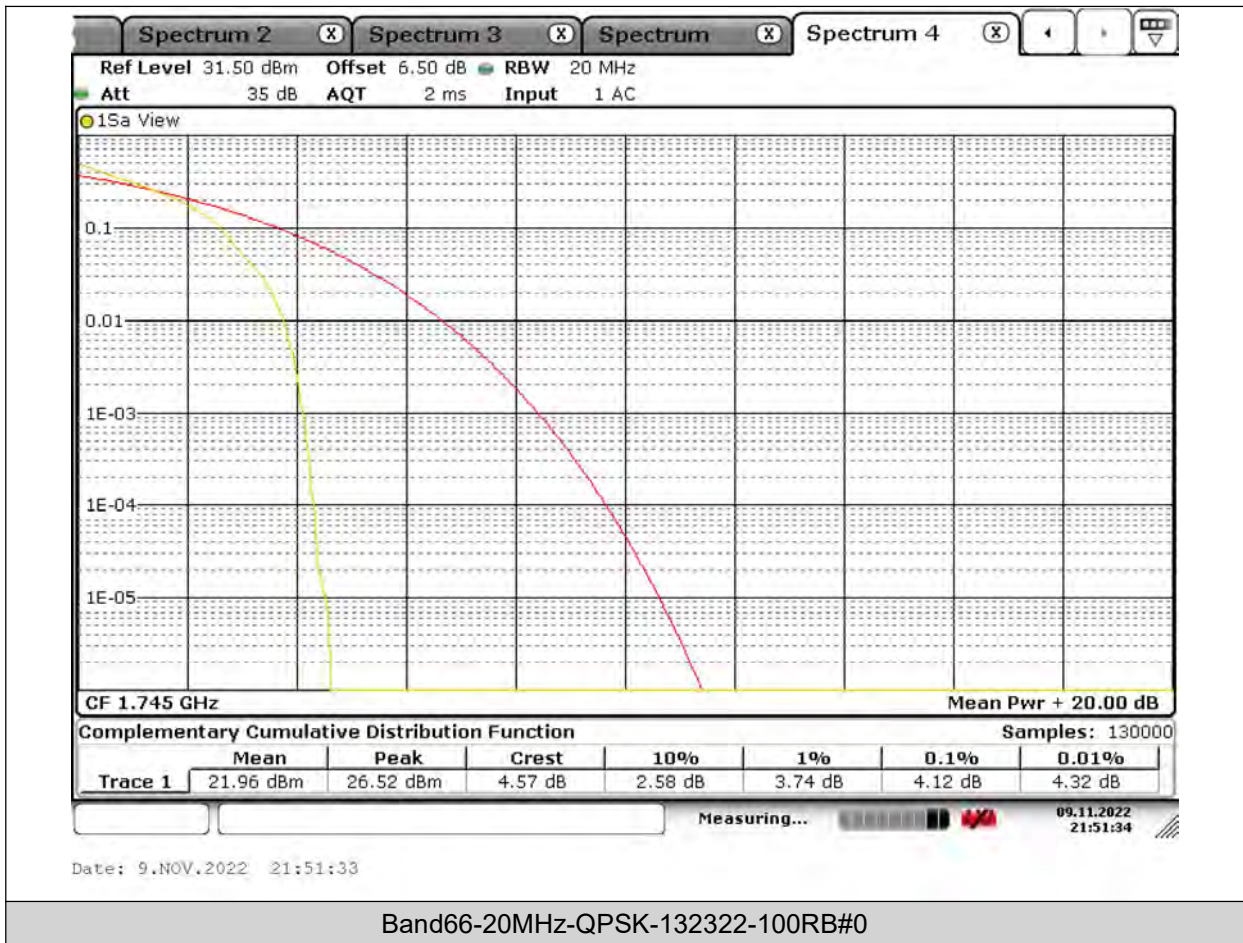
Test Report No.: PSU-NQN2204290110RF03





BUREAU VERITAS

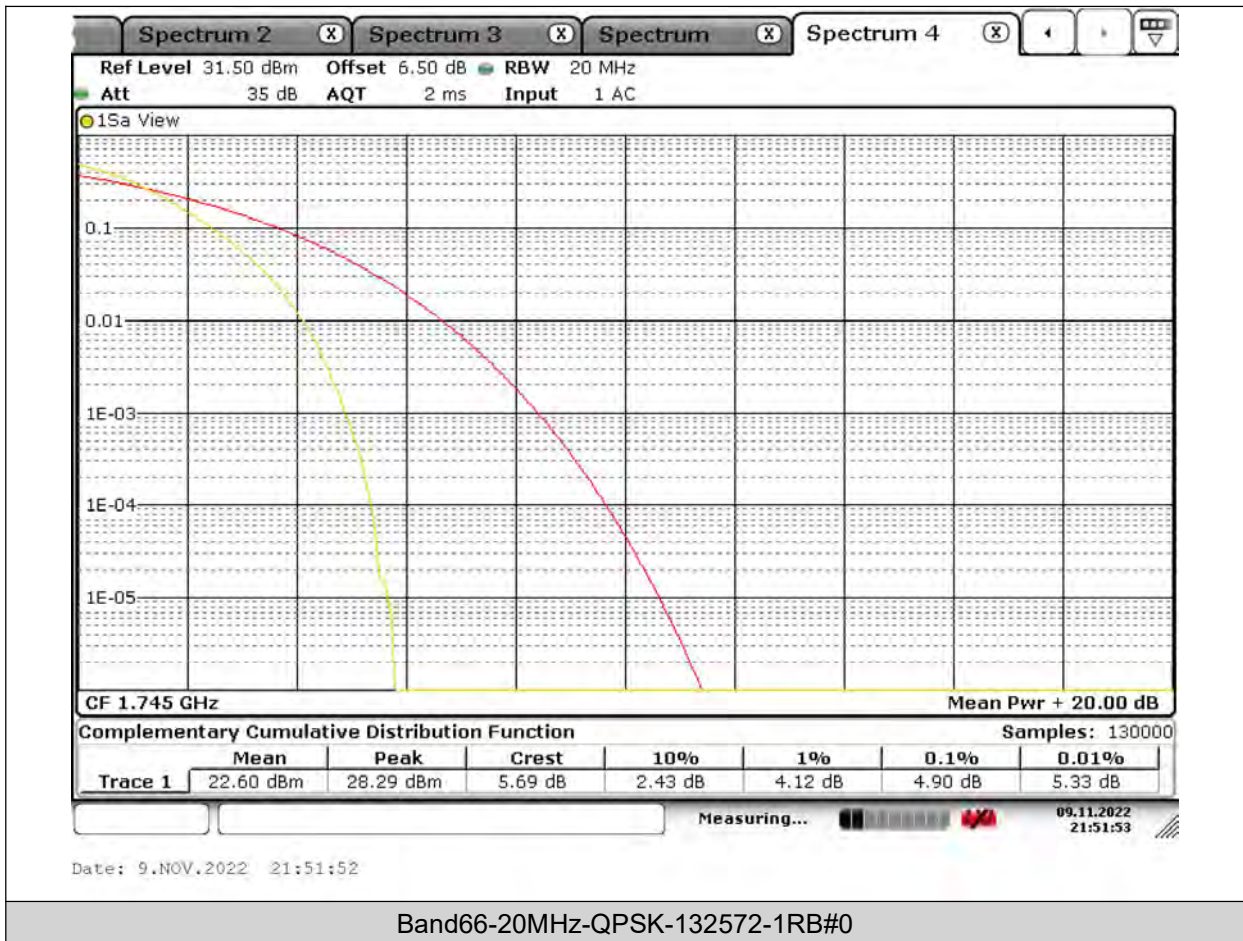
Test Report No.: PSU-NQN2204290110RF03





BUREAU VERITAS

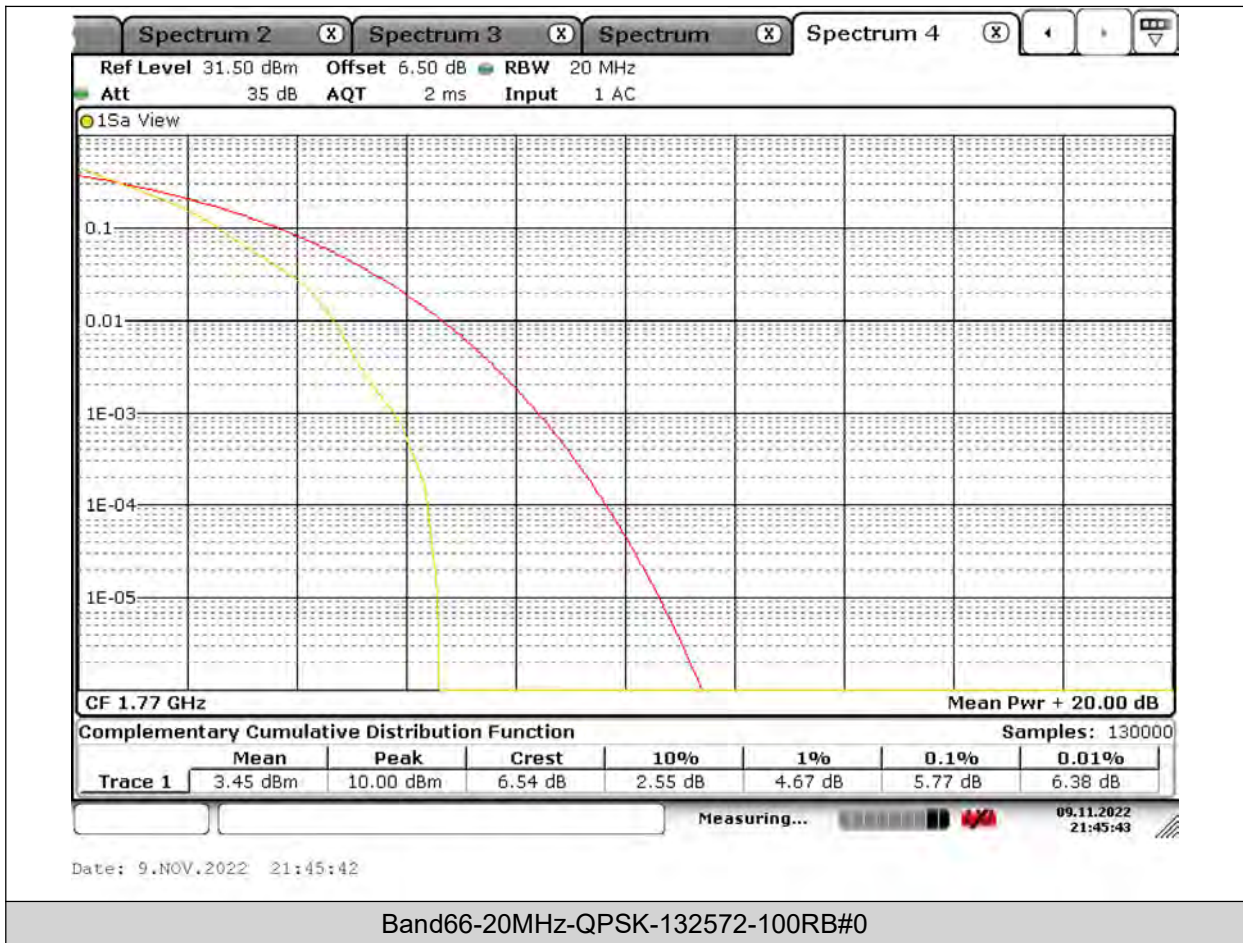
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BUREAU VERITAS

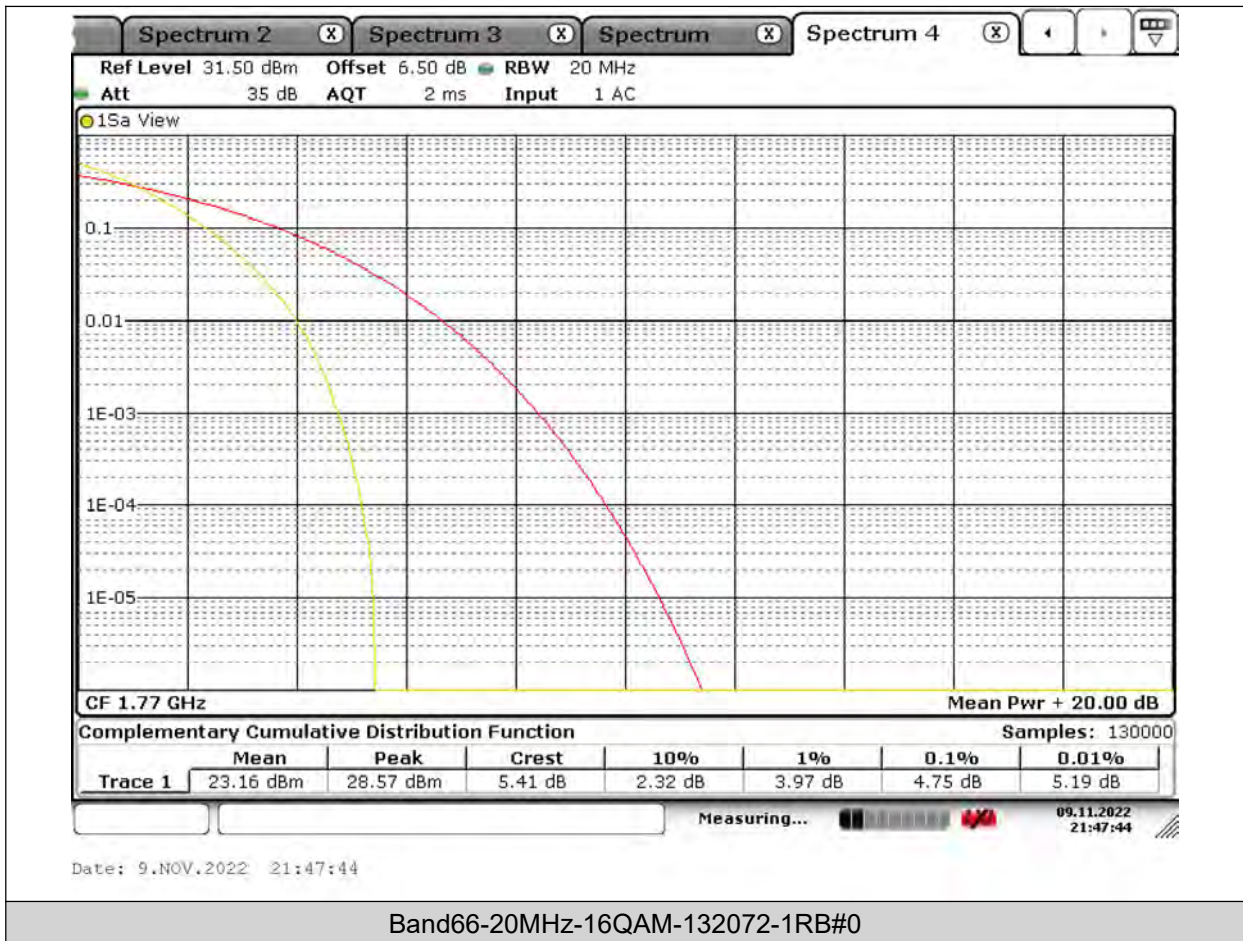
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BUREAU VERITAS

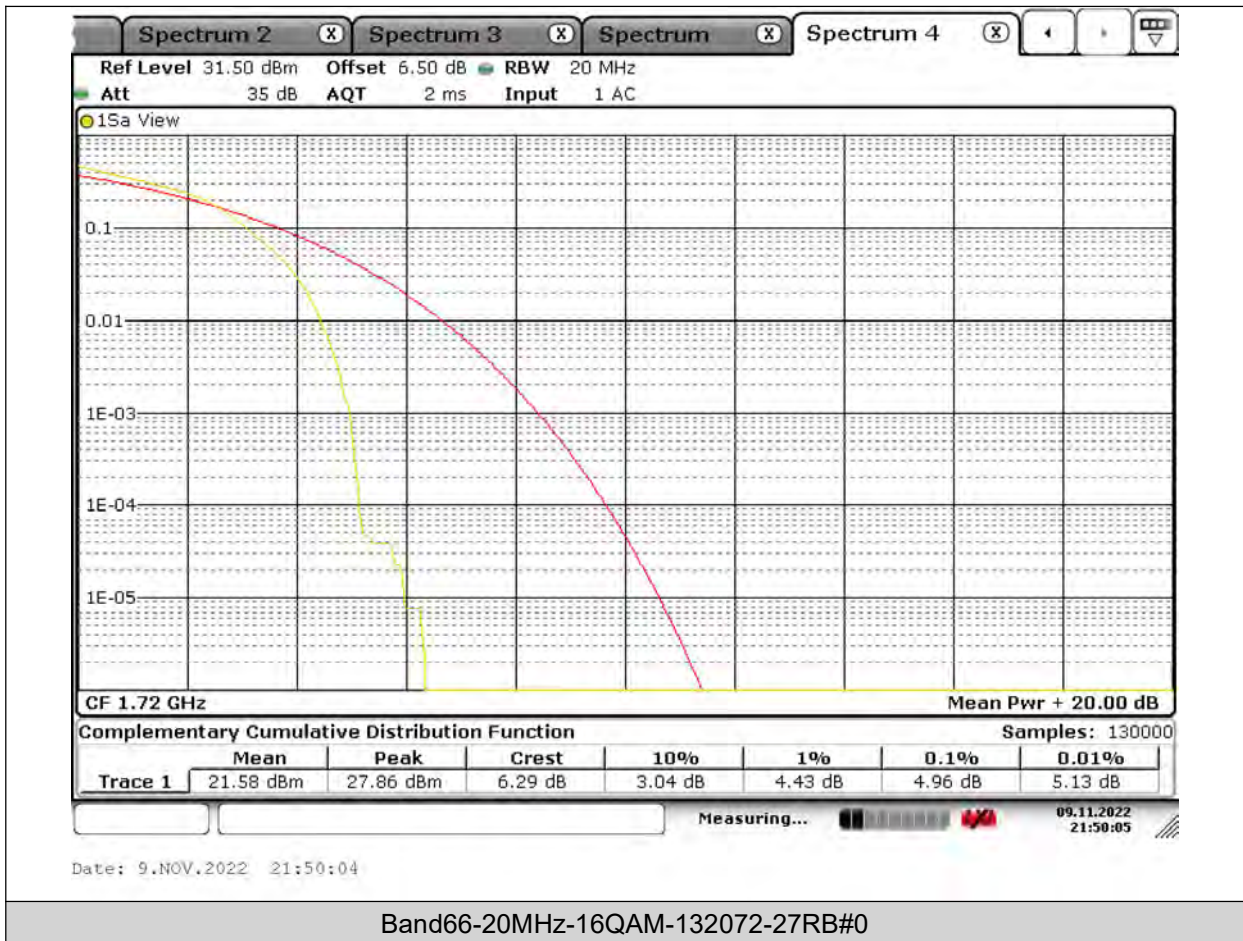
Test Report No.: PSU-NQN2204290110RF03





BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03

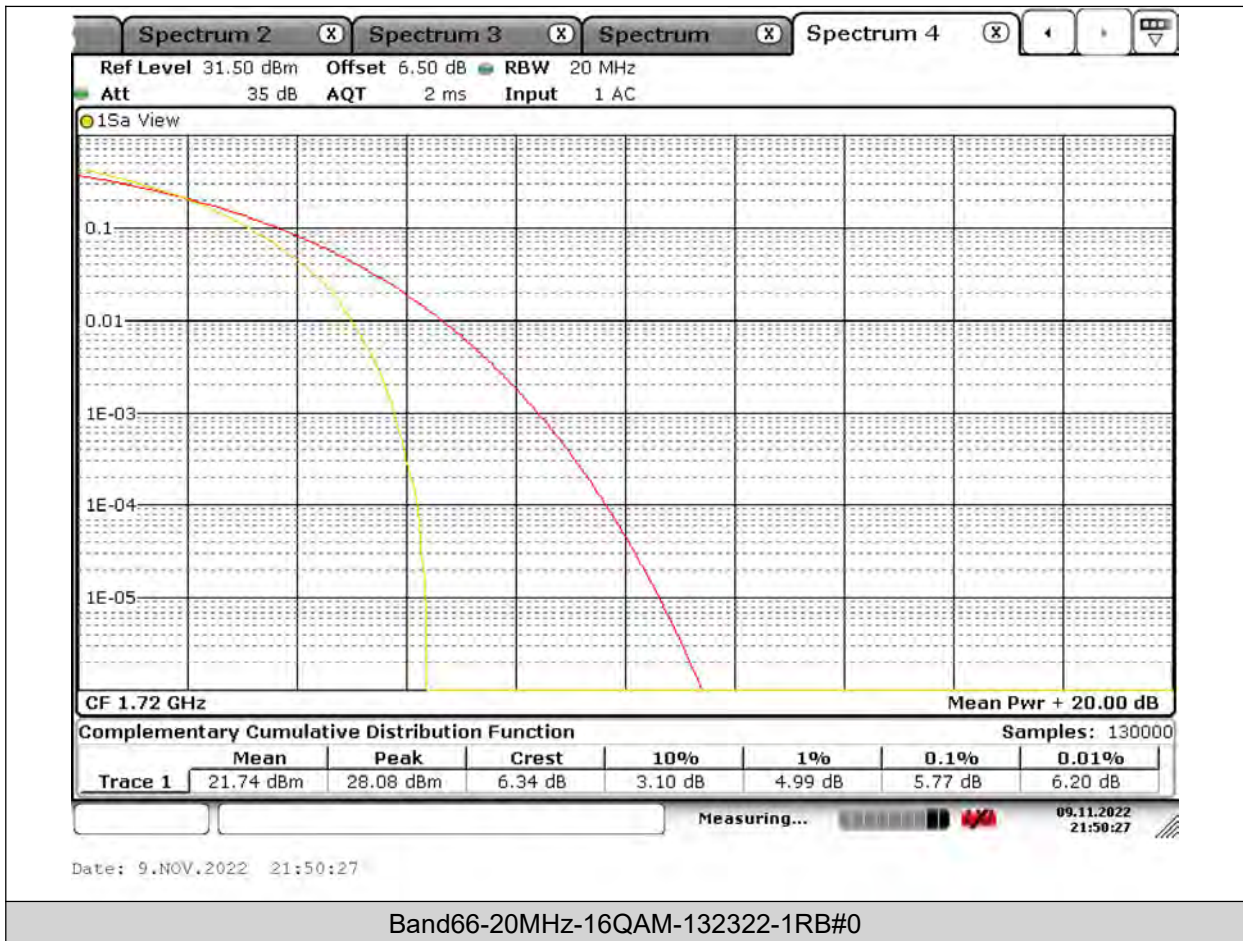






BUREAU VERITAS

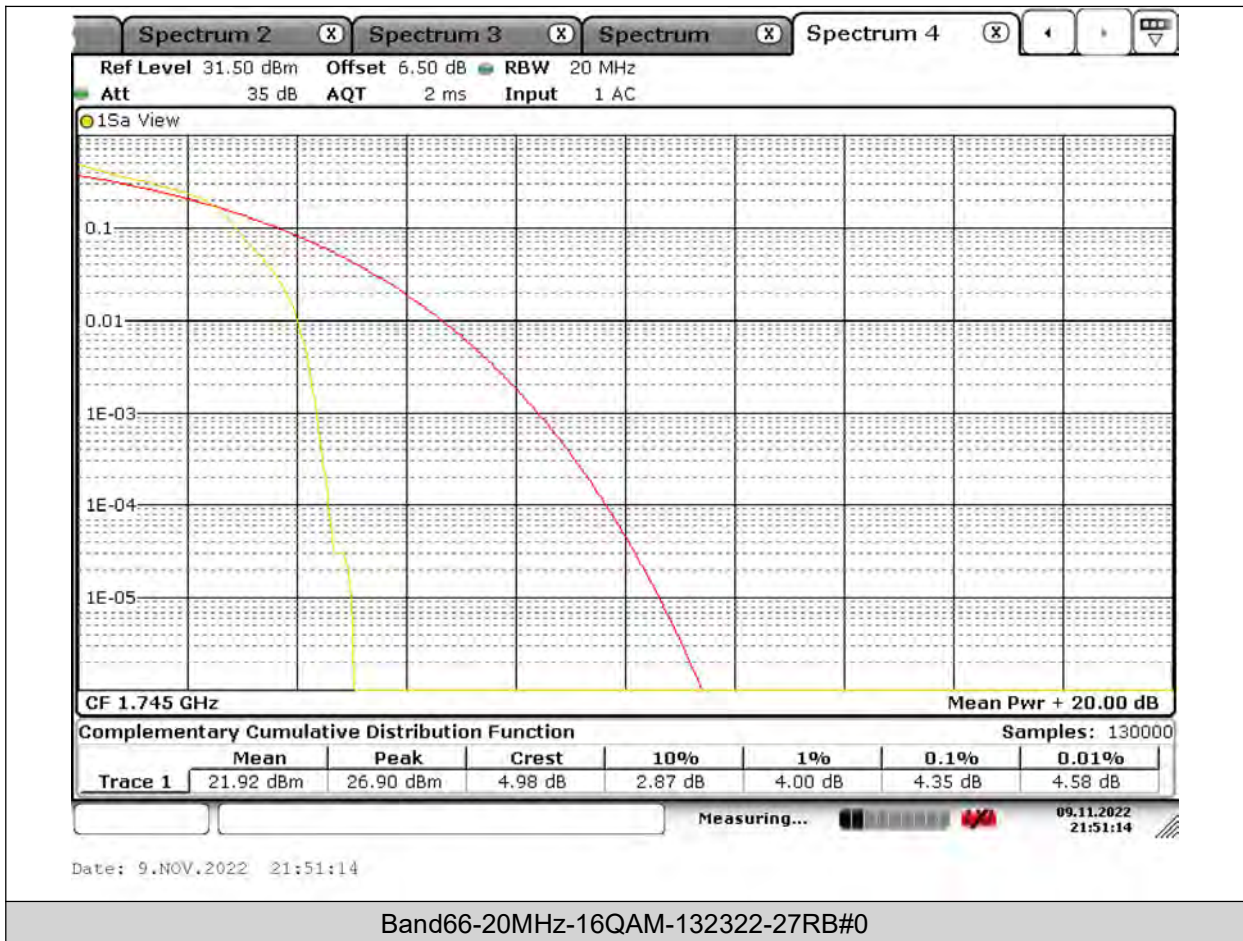
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BUREAU VERITAS

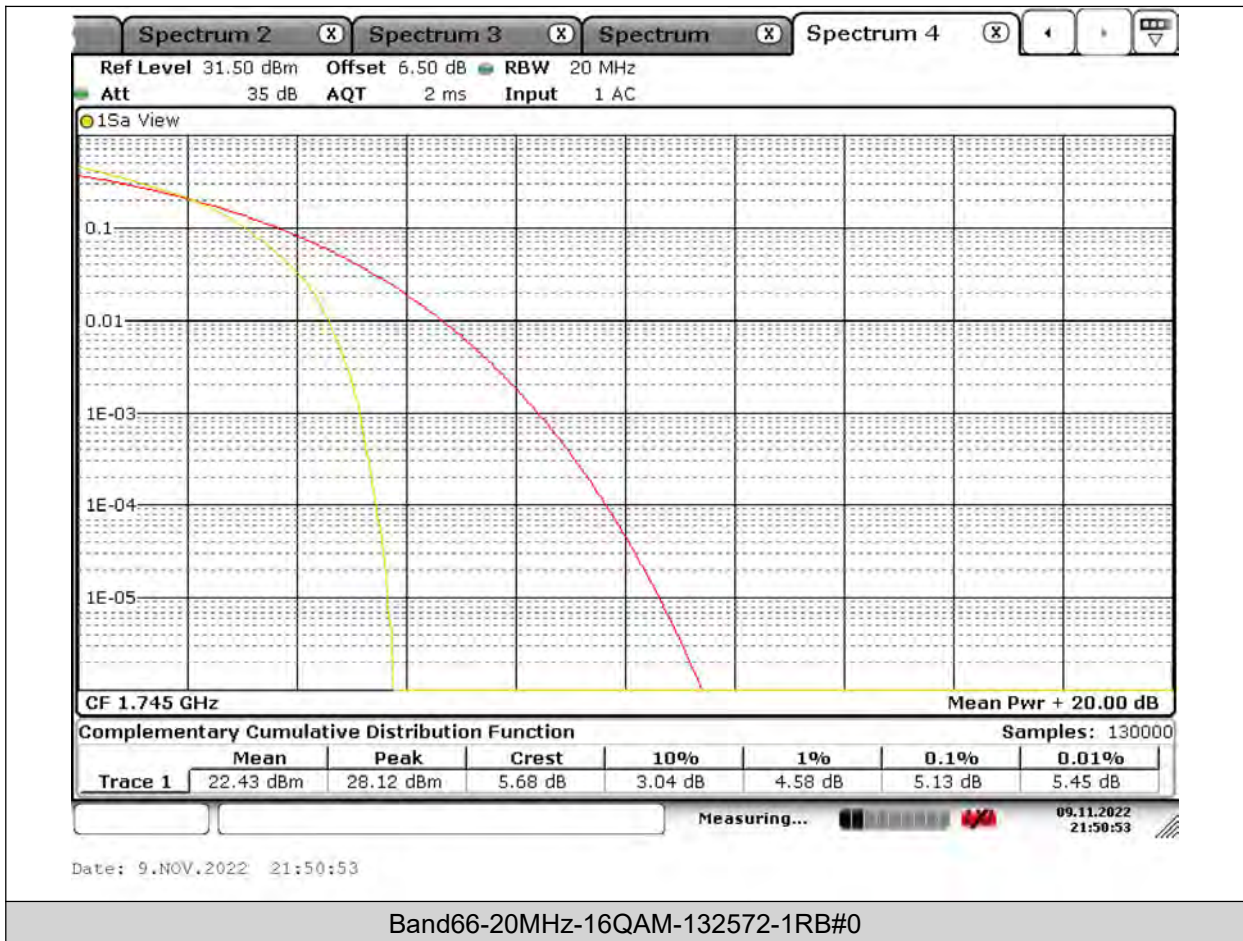
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BUREAU VERITAS

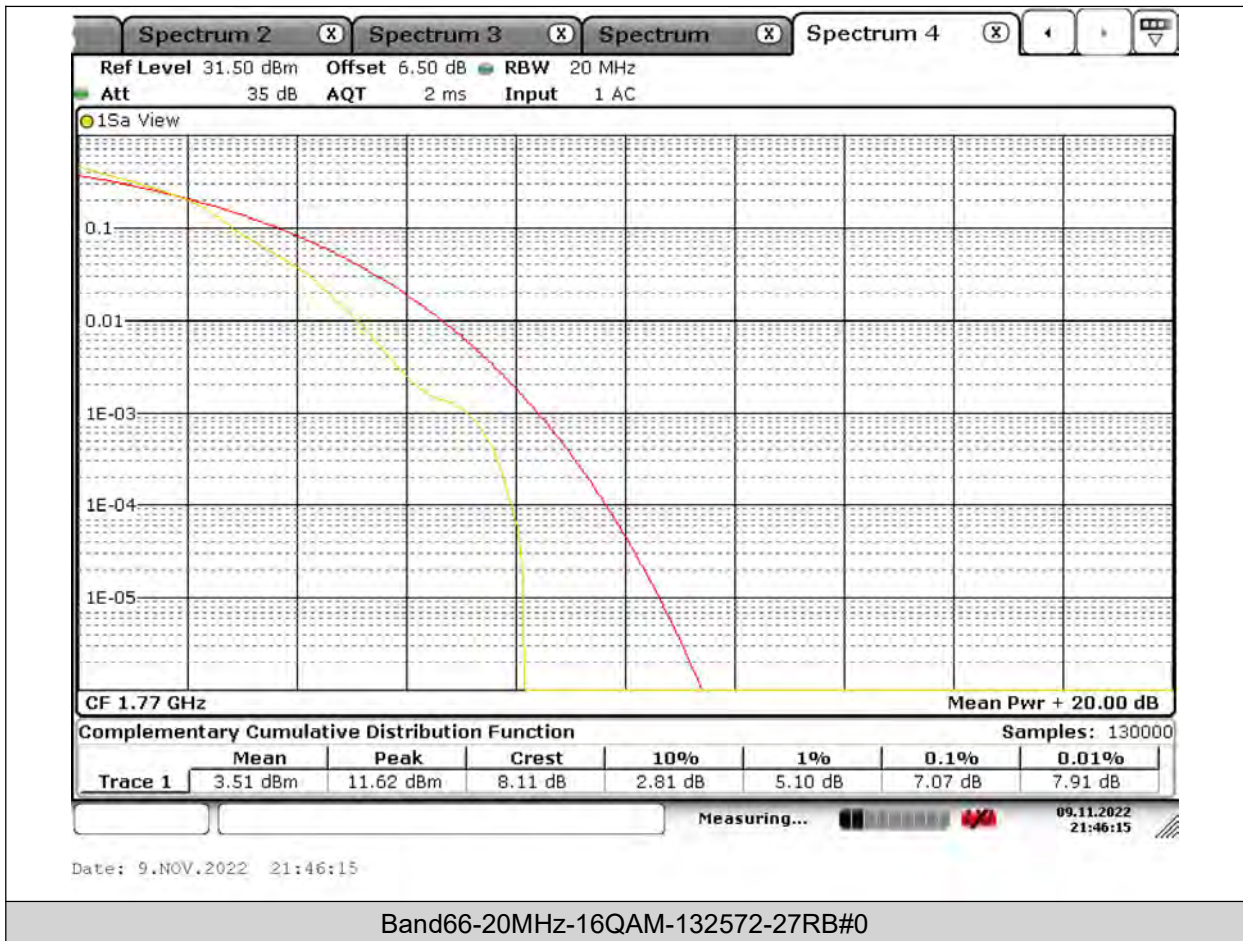
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BUREAU VERITAS

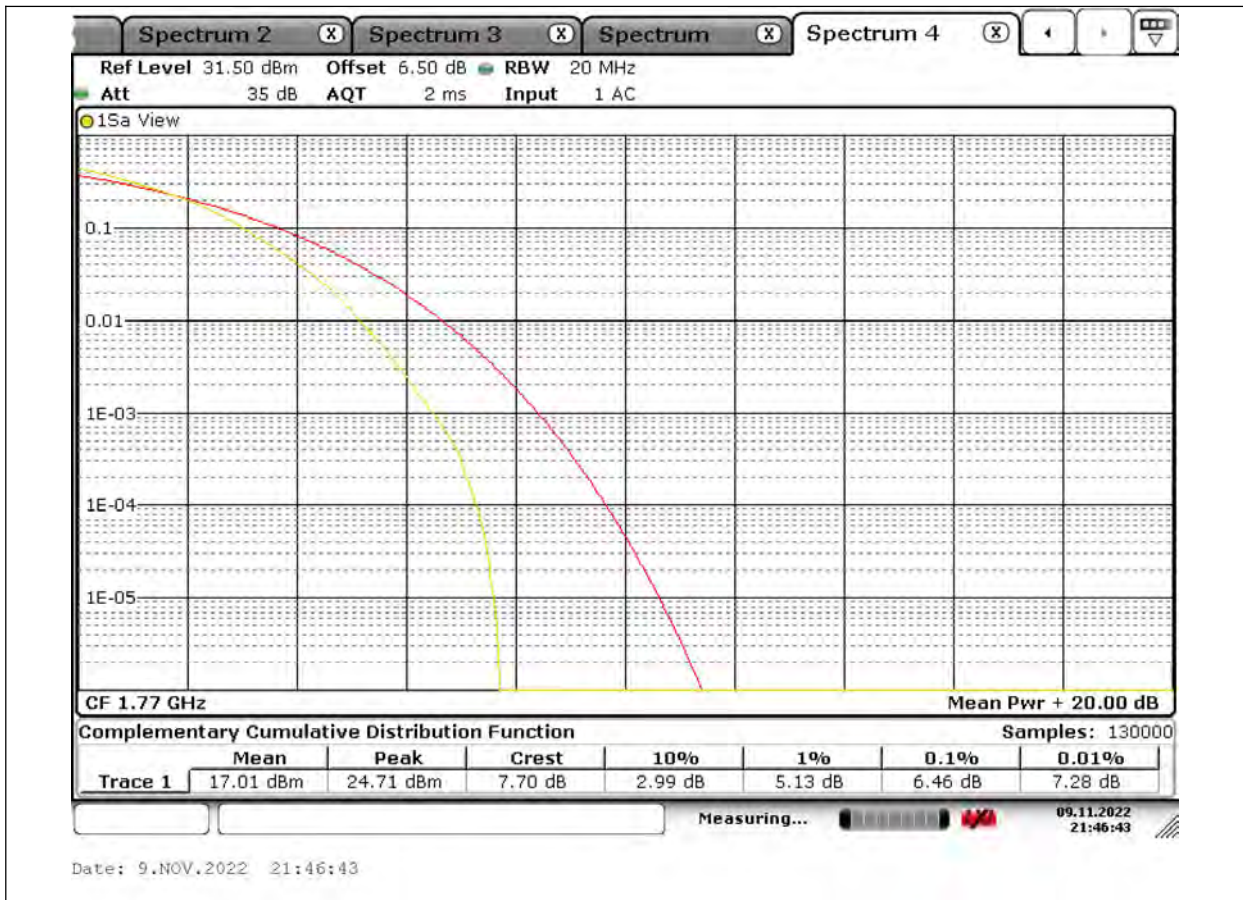
Test Report No.: PSU-NQN2204290110RF03





BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03





## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

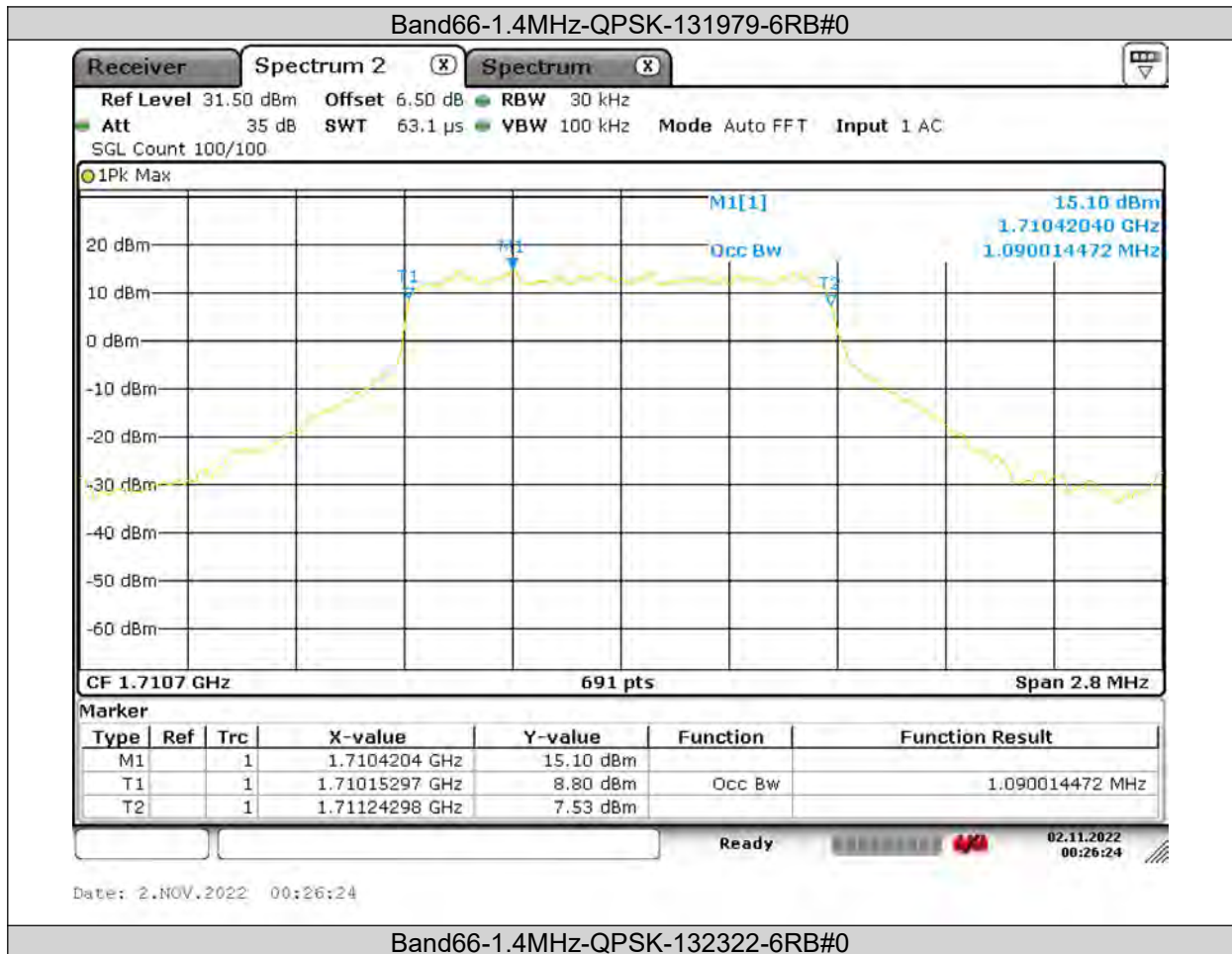
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.090	1.4709	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.090	1.4142	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.106	1.4142	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.086	1.3737	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.094	1.402	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.098	1.398	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.744	3.343	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.718	3.0651	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.709	3.2909	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.753	3.4211	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.692	3.3603	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.709	3.1172	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.457	4.993	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.457	5.123	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.457	5.094	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.472	5.036	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.457	4.863	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.472	5.007	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.944	9.696	PASS
Band66	10MHz	QPSK	132322	50RB#0	9.001	9.638	PASS
Band66	10MHz	QPSK	132622	50RB#0	9.030	9.667	PASS
Band66	10MHz	16QAM	132022	27RB#0	5.326	8.162	PASS
Band66	10MHz	16QAM	132322	27RB#0	5.036	6.483	PASS
Band66	10MHz	16QAM	132622	27RB#0	5.673	5.615	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.415	14.674	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.459	15.239	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.459	16.107	PASS
Band66	15MHz	16QAM	132047	27RB#0	5.210	7.945	PASS
Band66	15MHz	16QAM	132322	27RB#0	5.080	6.382	PASS
Band66	15MHz	16QAM	132597	27RB#0	5.600	8.336	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.771	19.855	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.887	19.161	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.887	19.74	PASS
Band66	20MHz	16QAM	132072	27RB#0	7.294	11.056	PASS
Band66	20MHz	16QAM	132322	27RB#0	6.078	9.088	PASS
Band66	20MHz	16QAM	132572	27RB#0	5.094	7.004	PASS



Test Report No.: PSU-NQN2204290110RF03

## Test Graphs

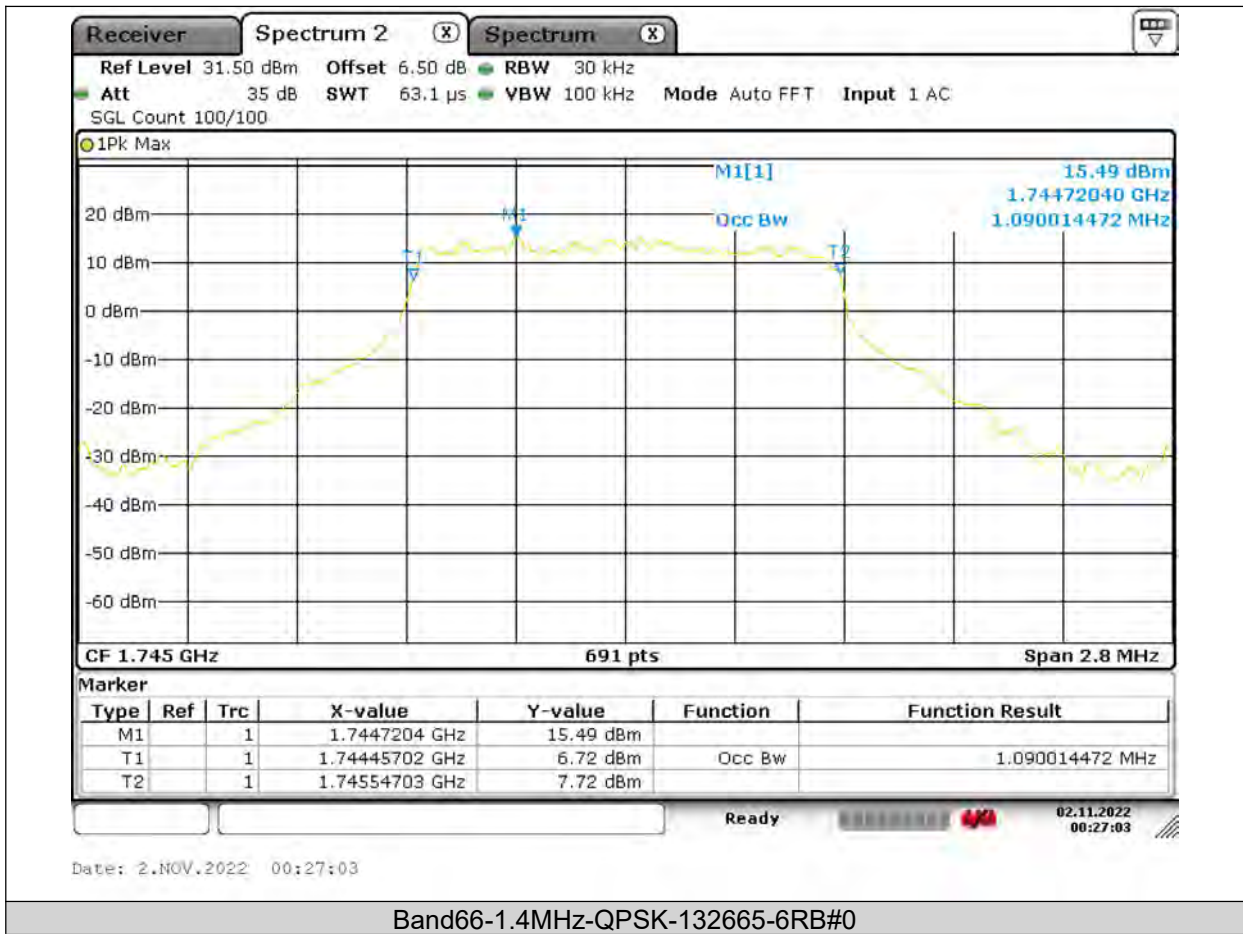
Occupied Bandwidth





BUREAU VERITAS

Test Report No.: PSU-NQN2204290110RF03

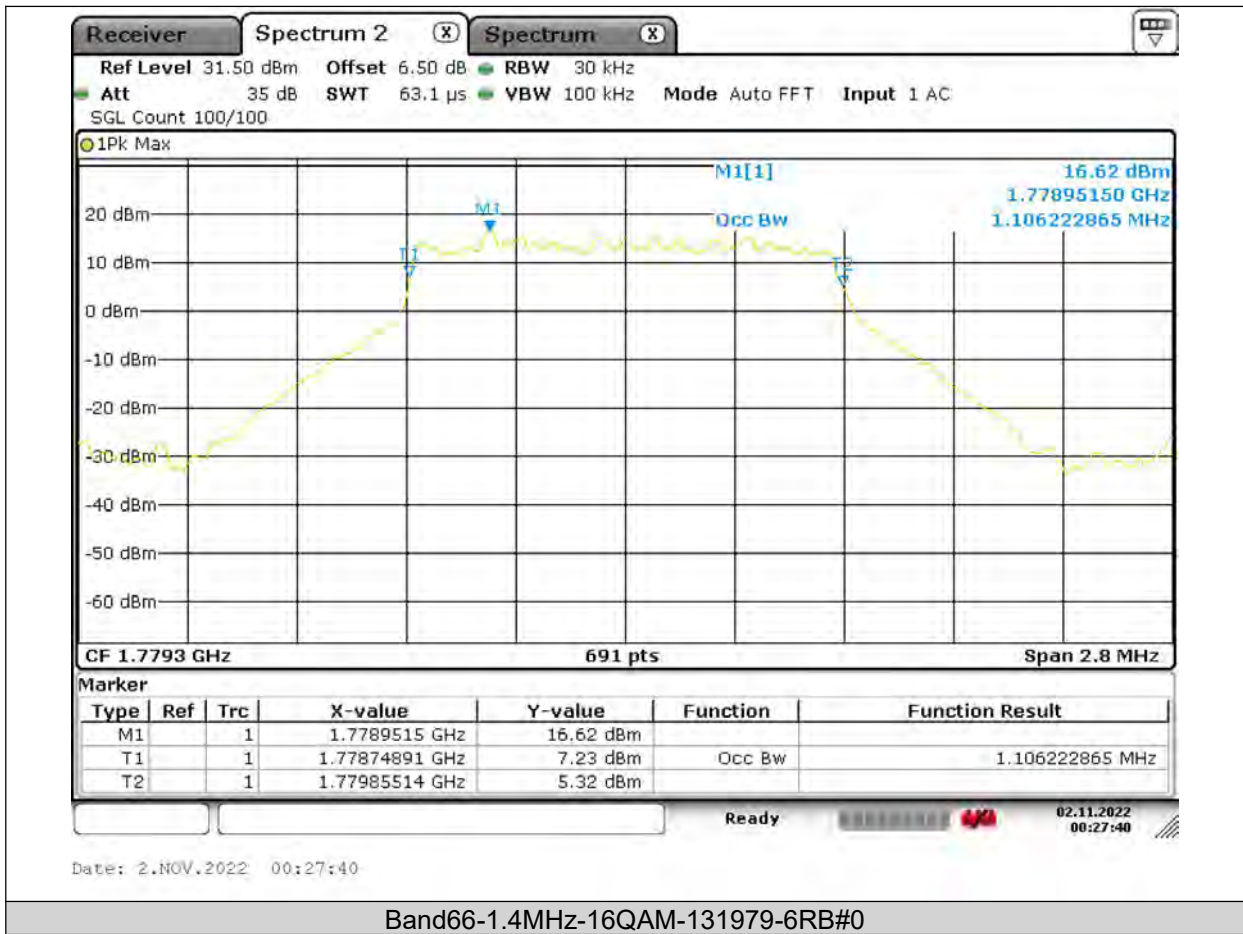






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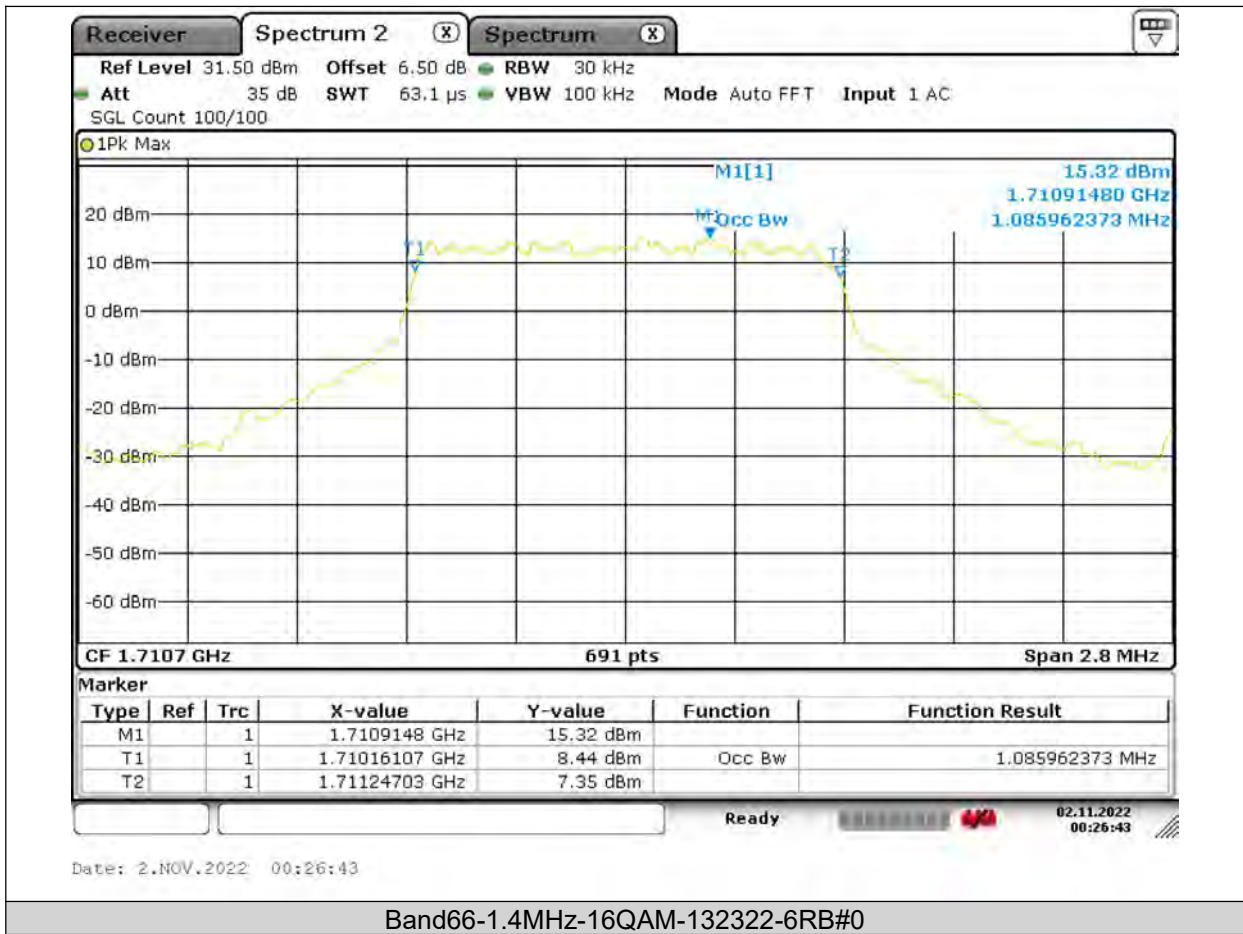
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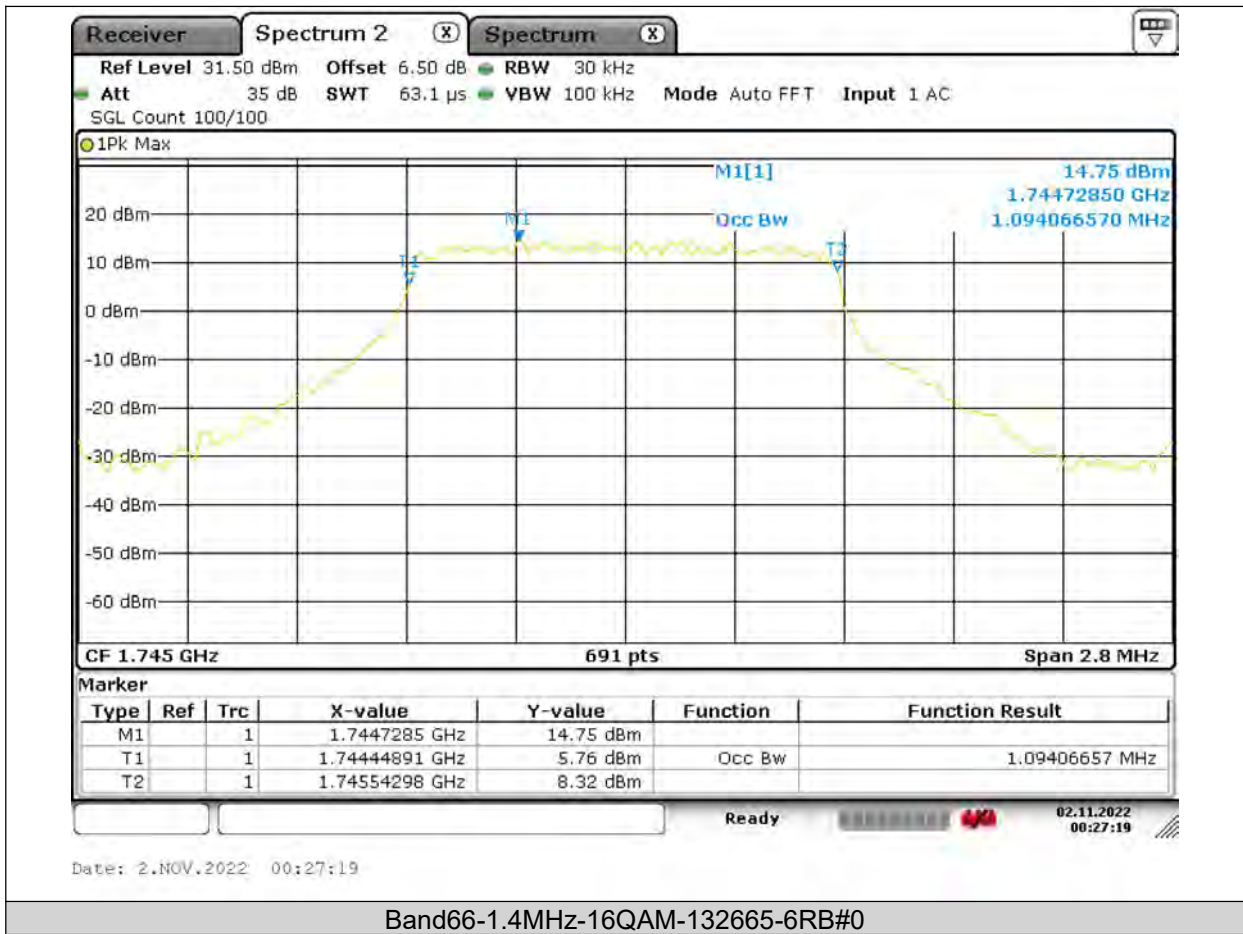
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VERITAS

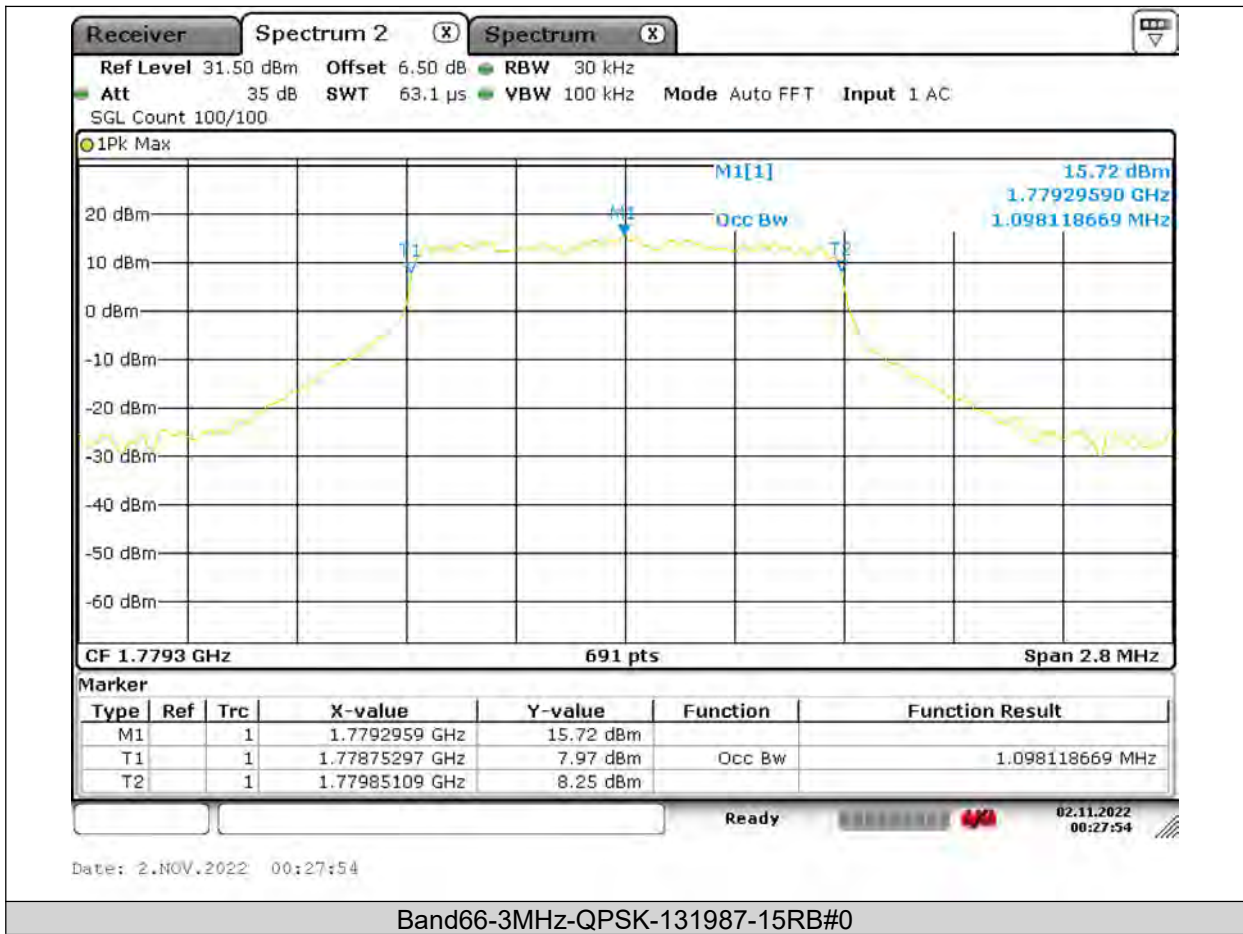
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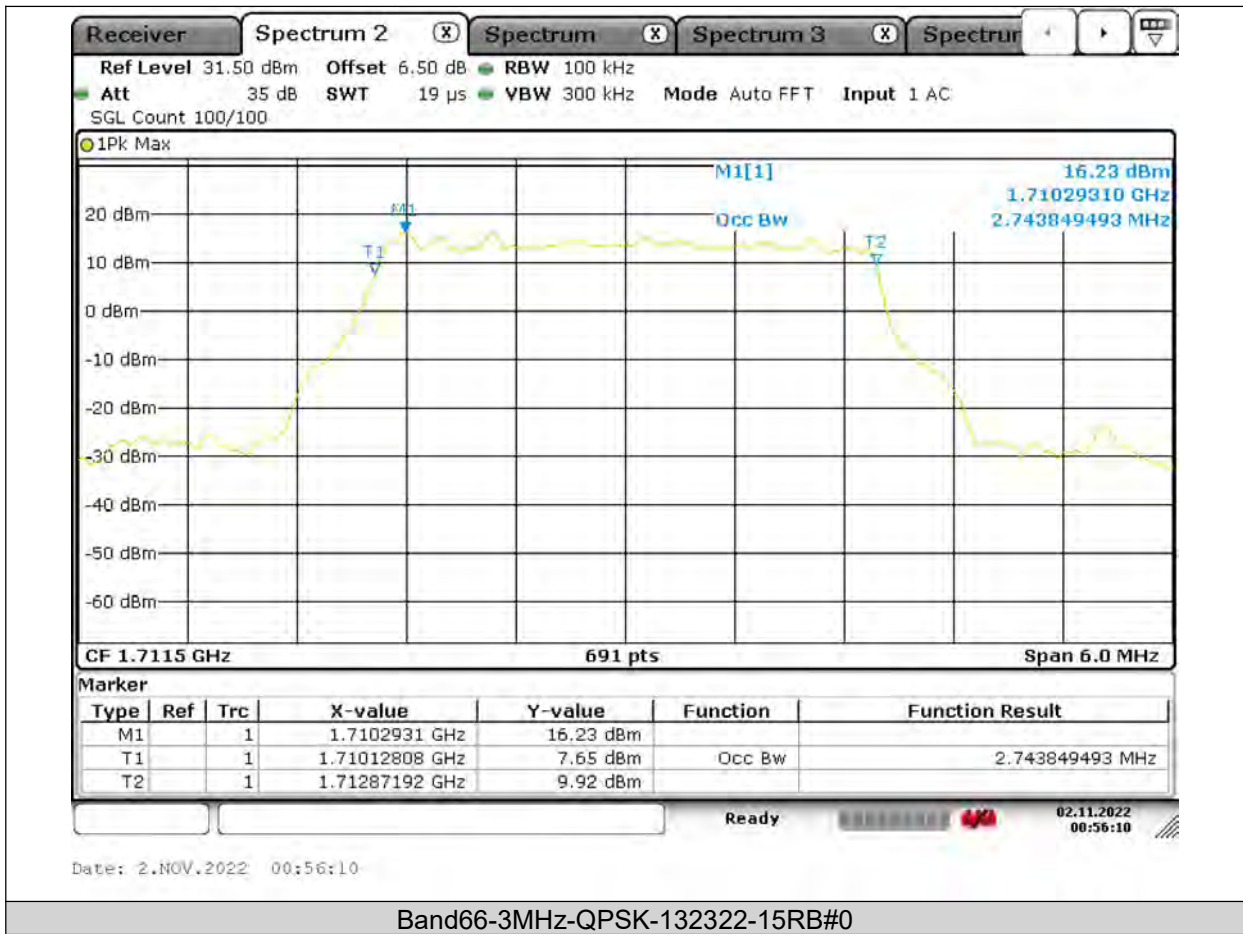
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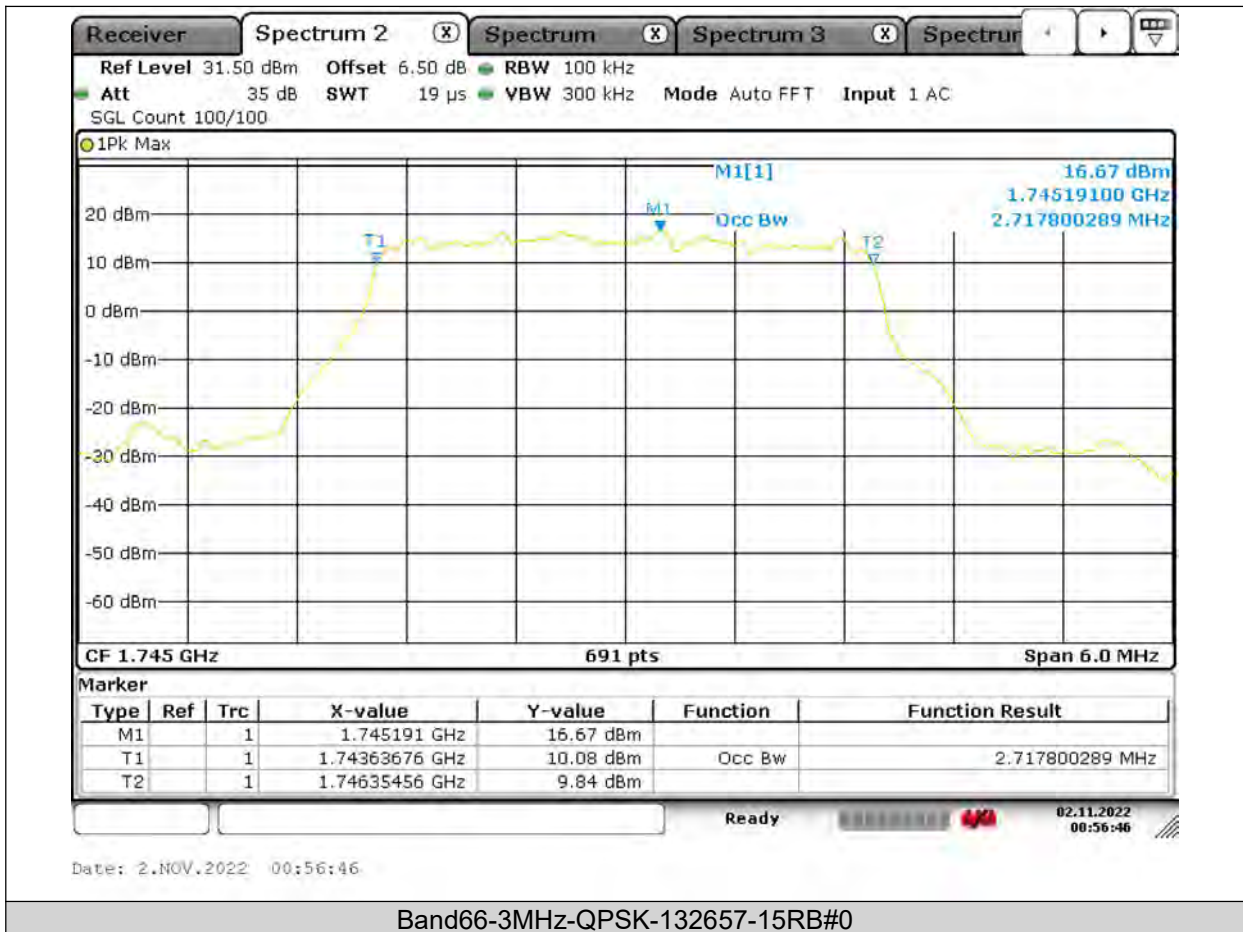
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BUREAU  
VERITAS

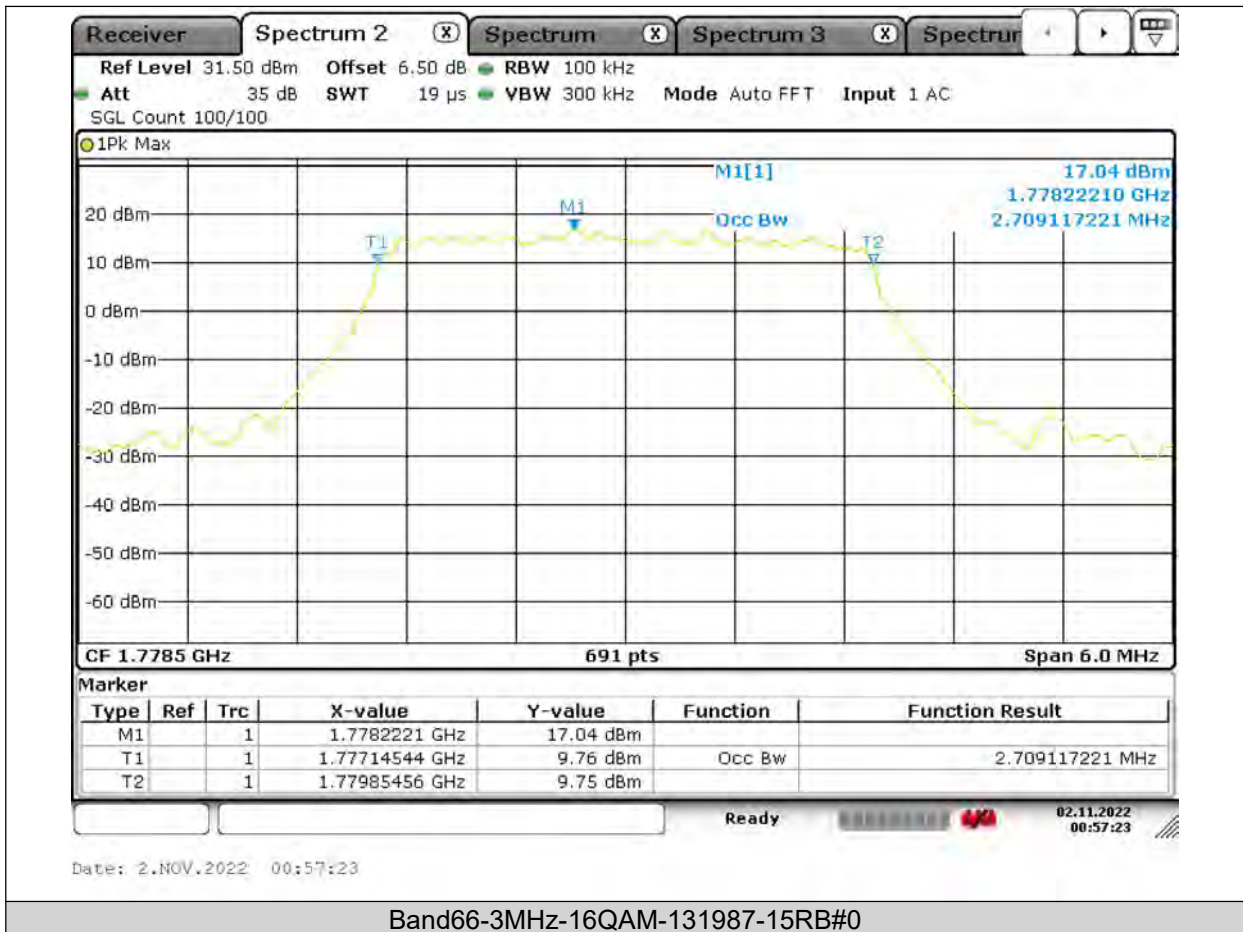
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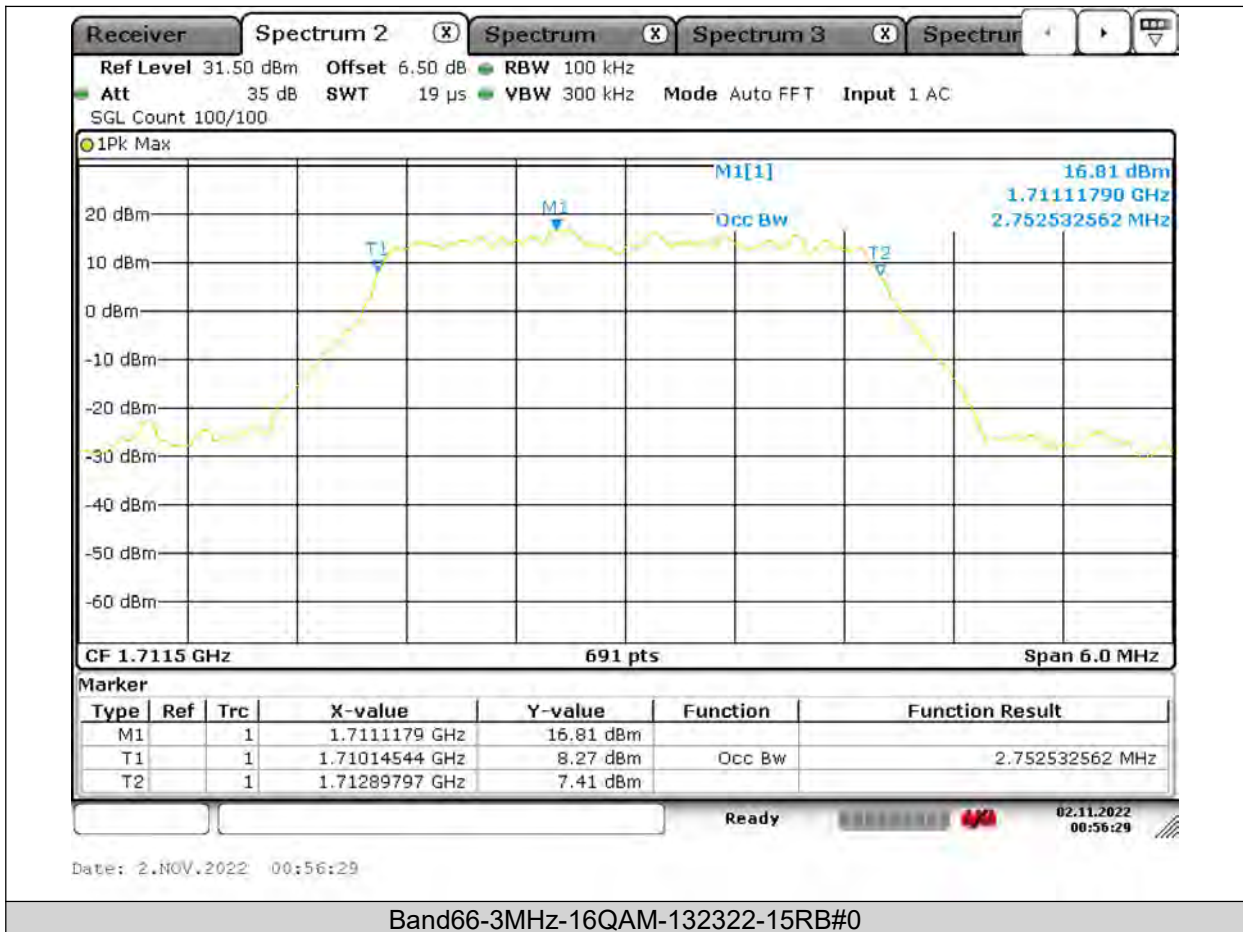
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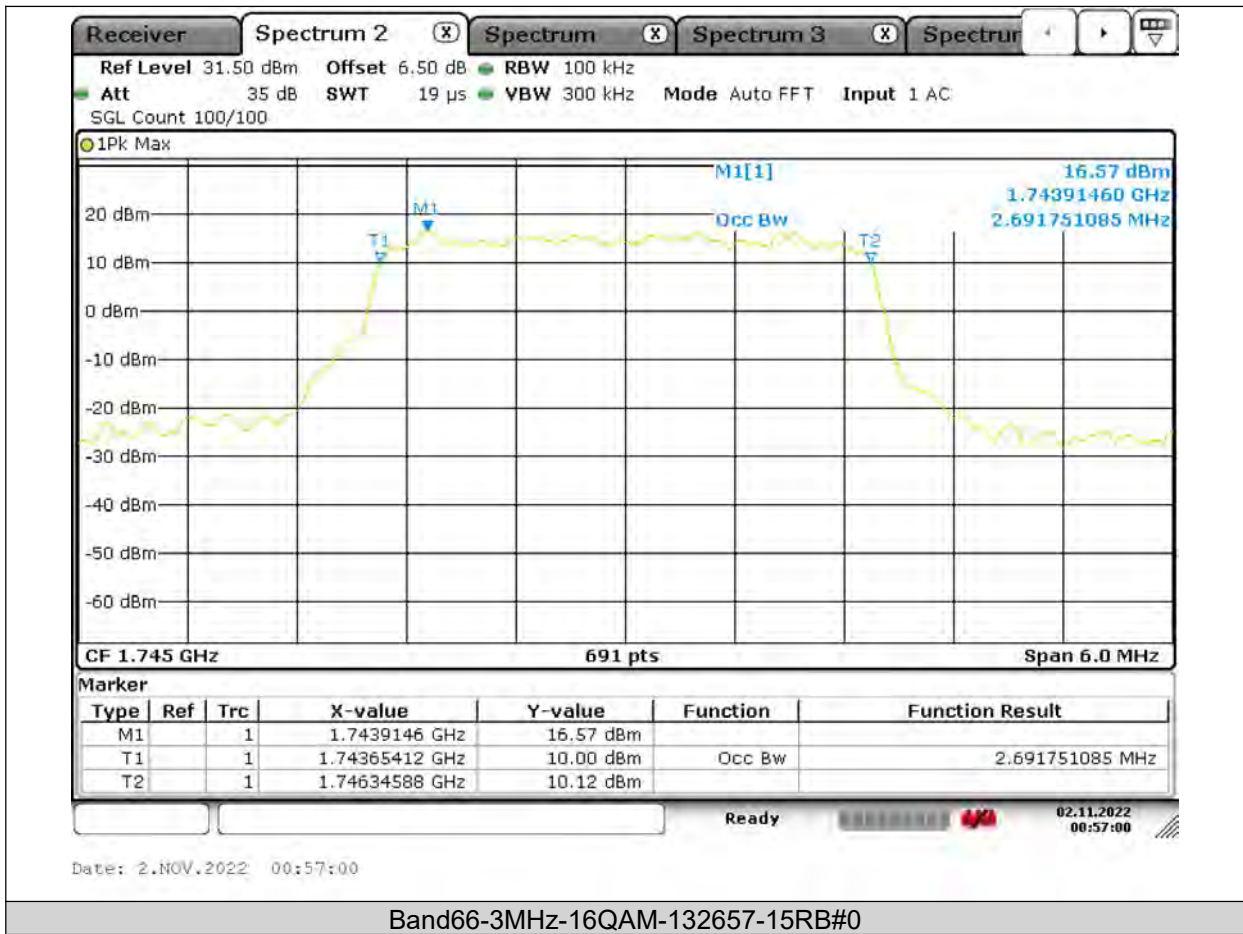






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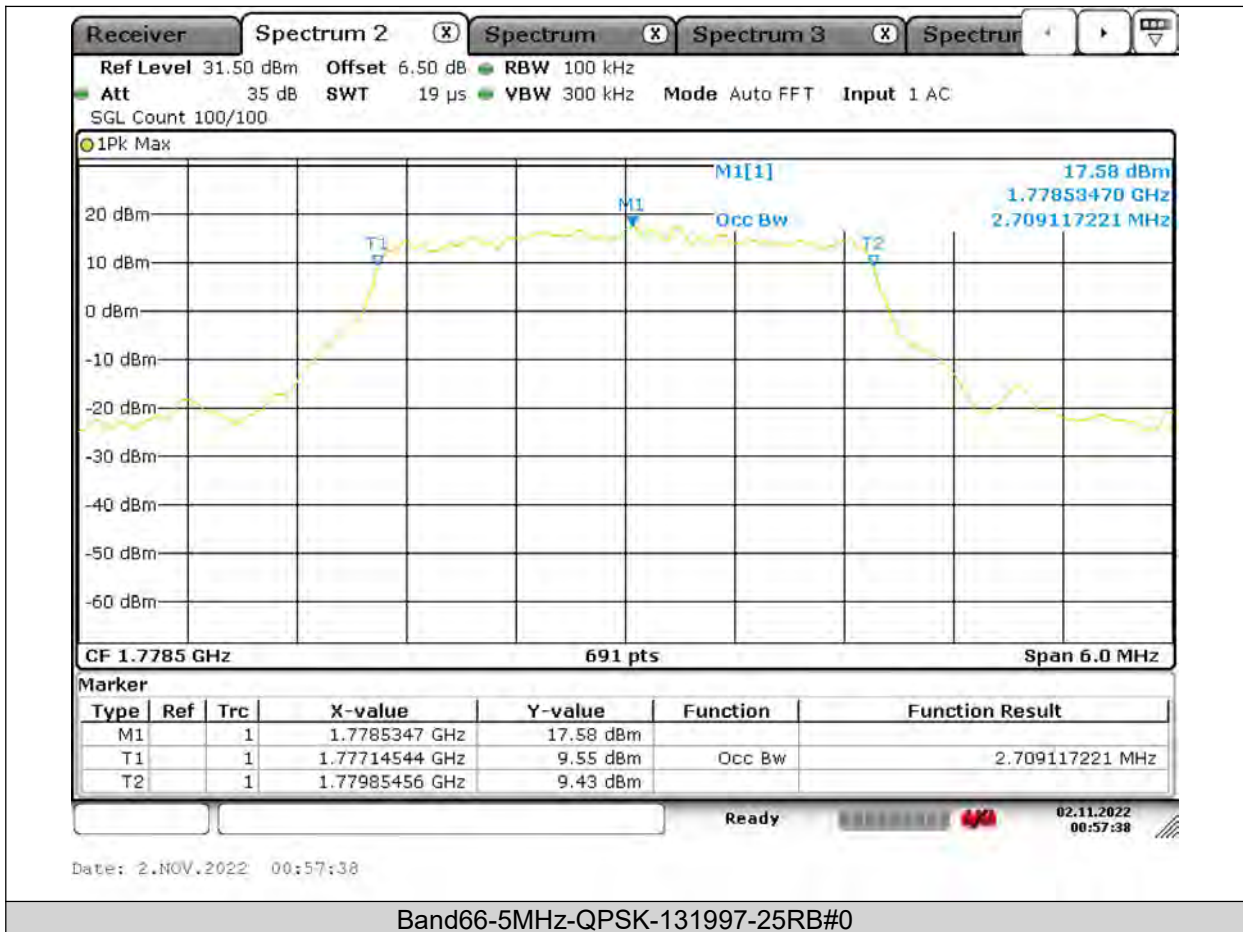
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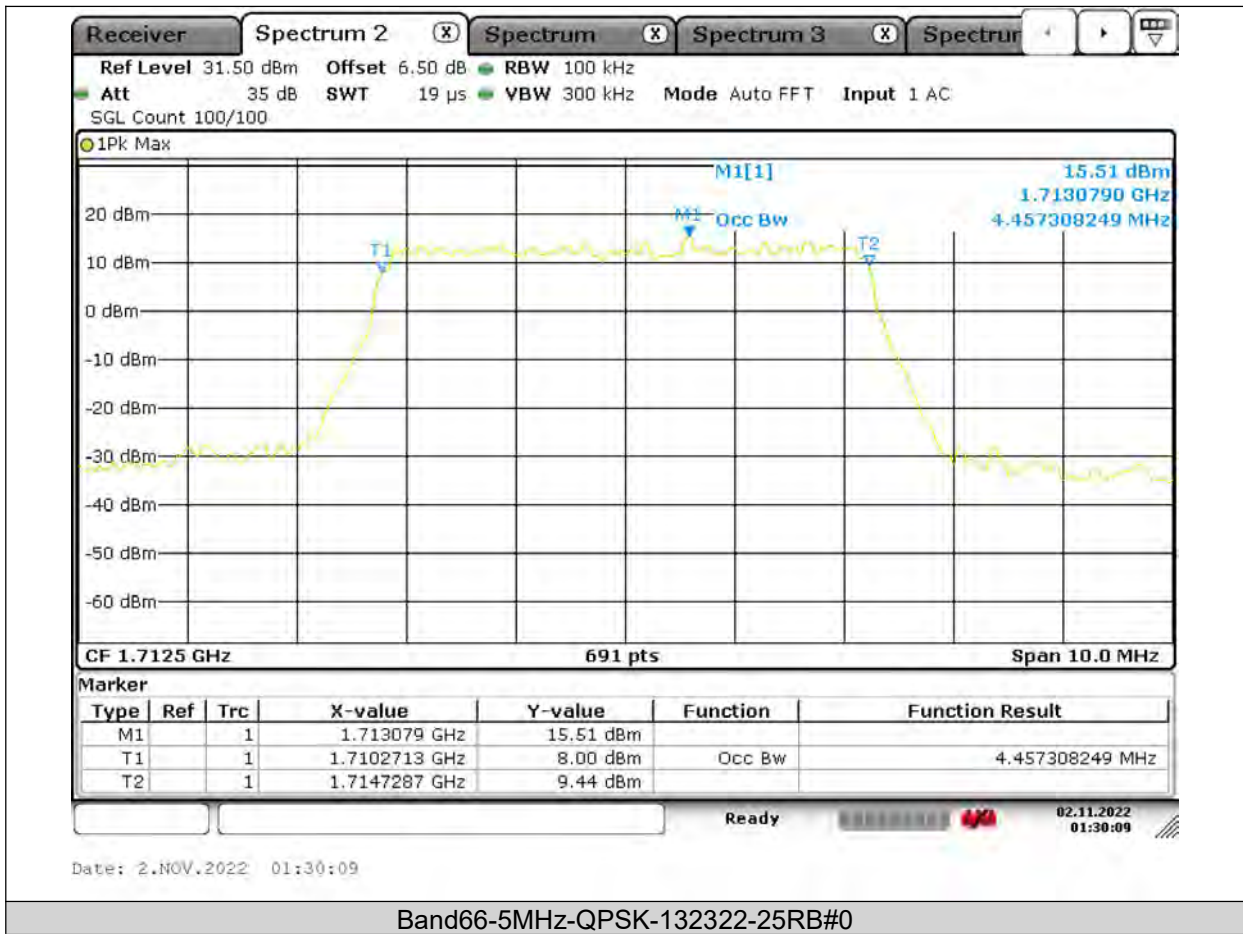
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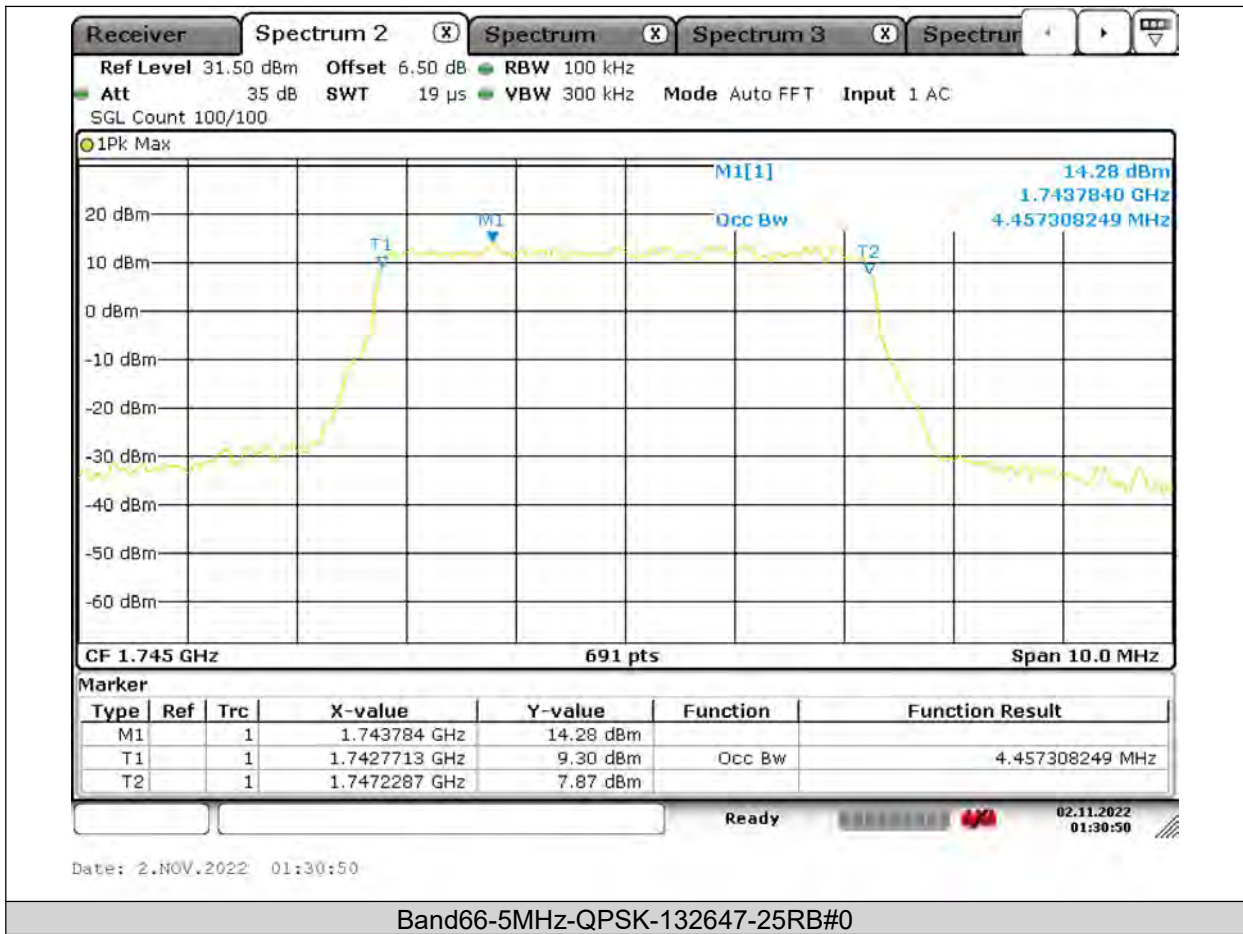
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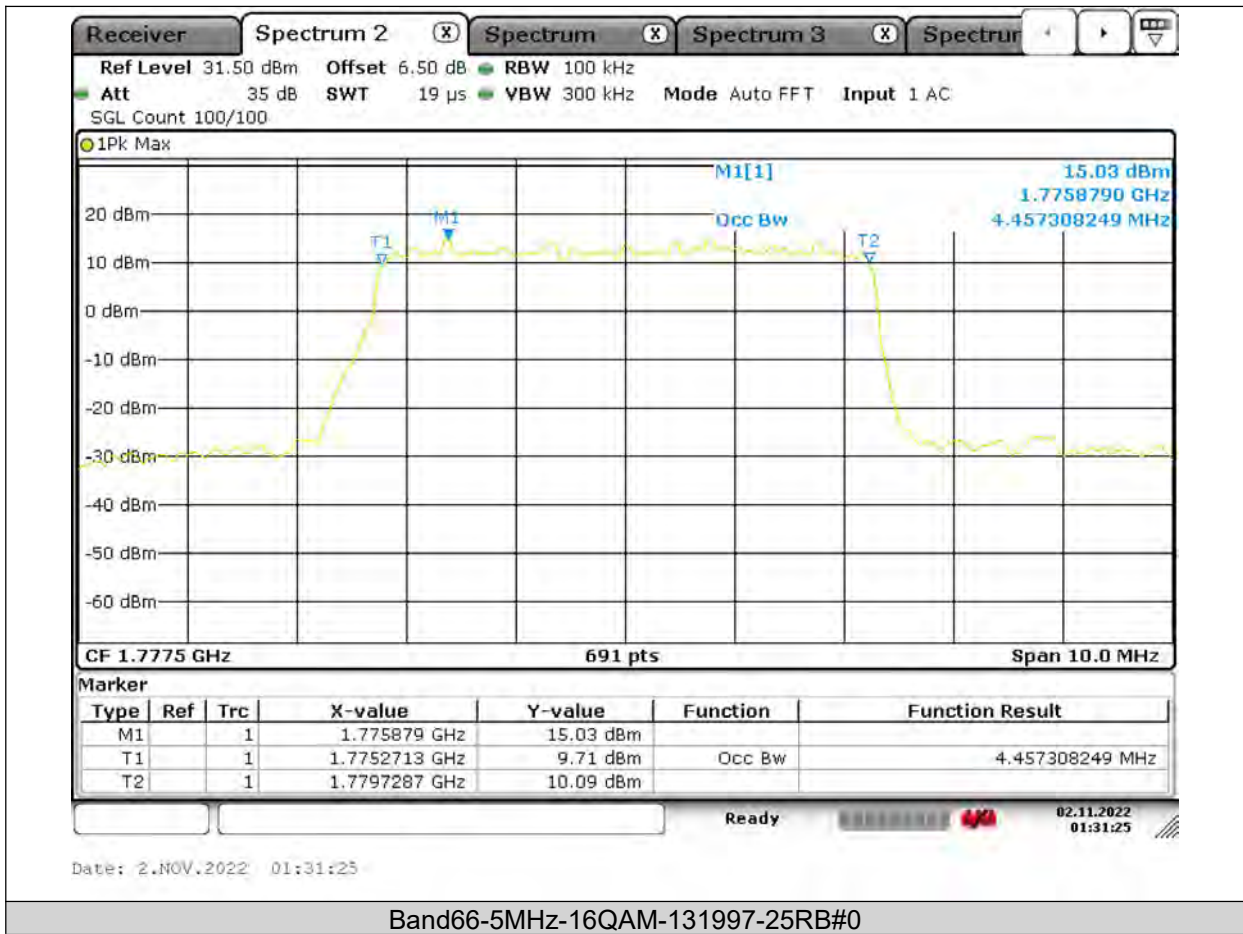
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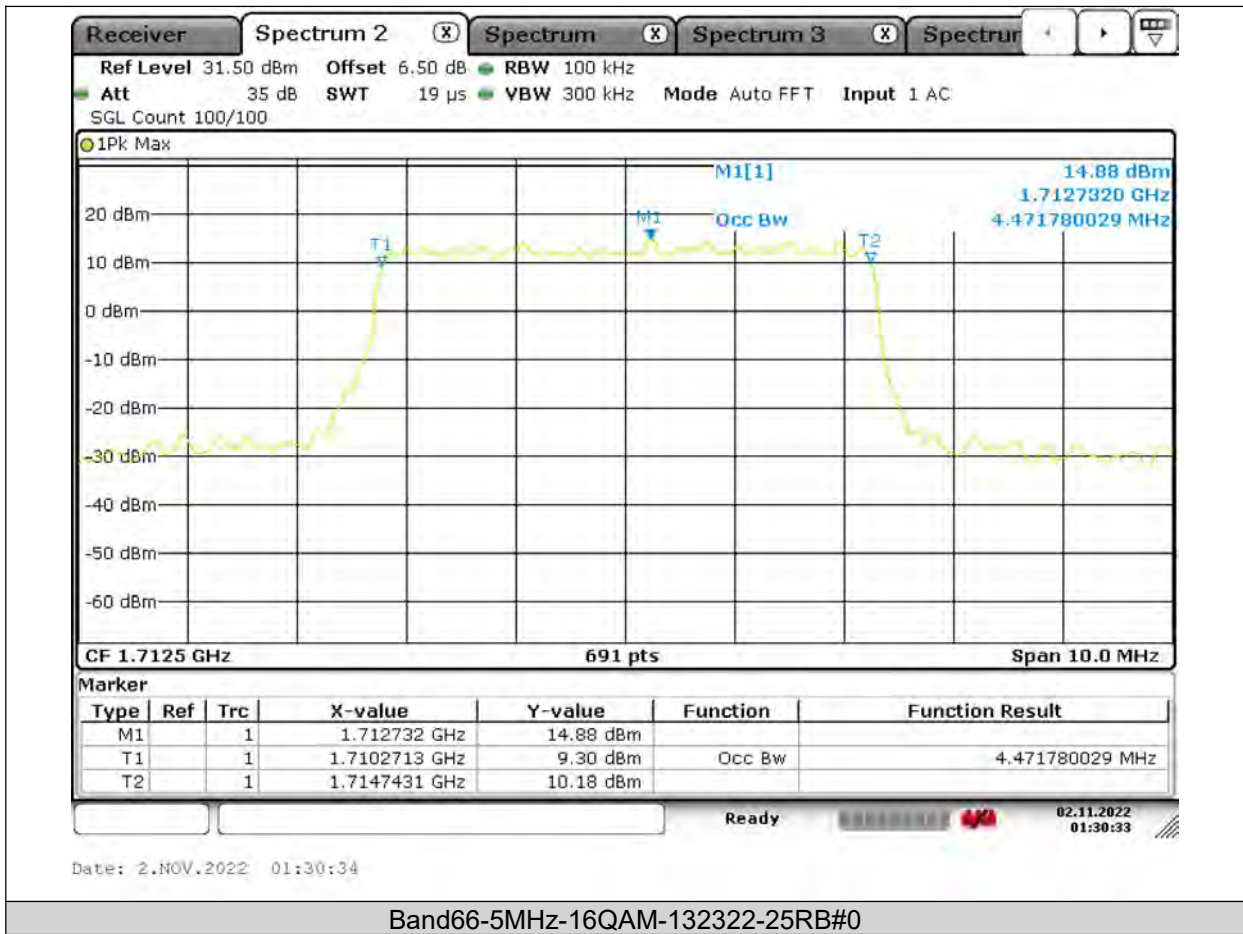
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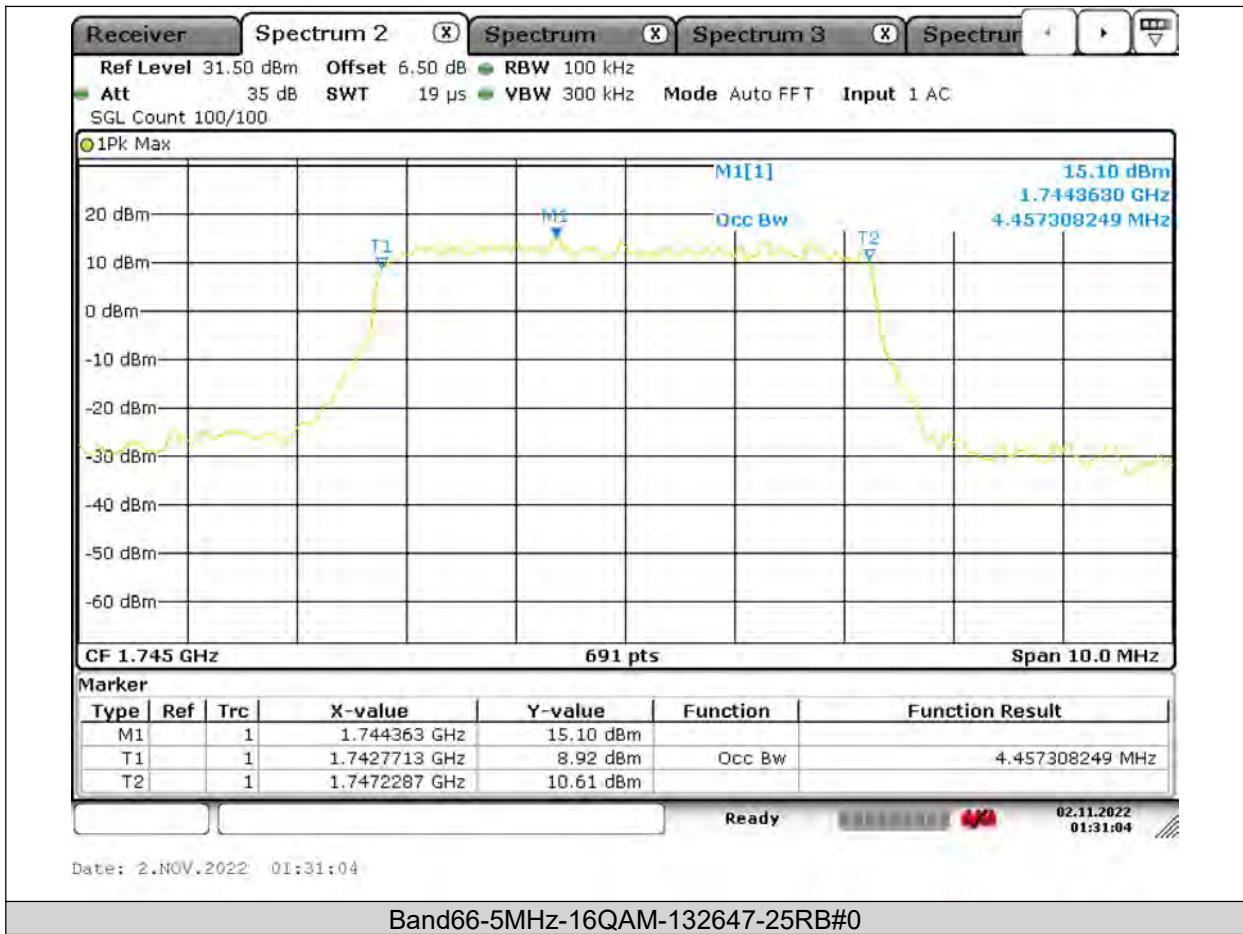
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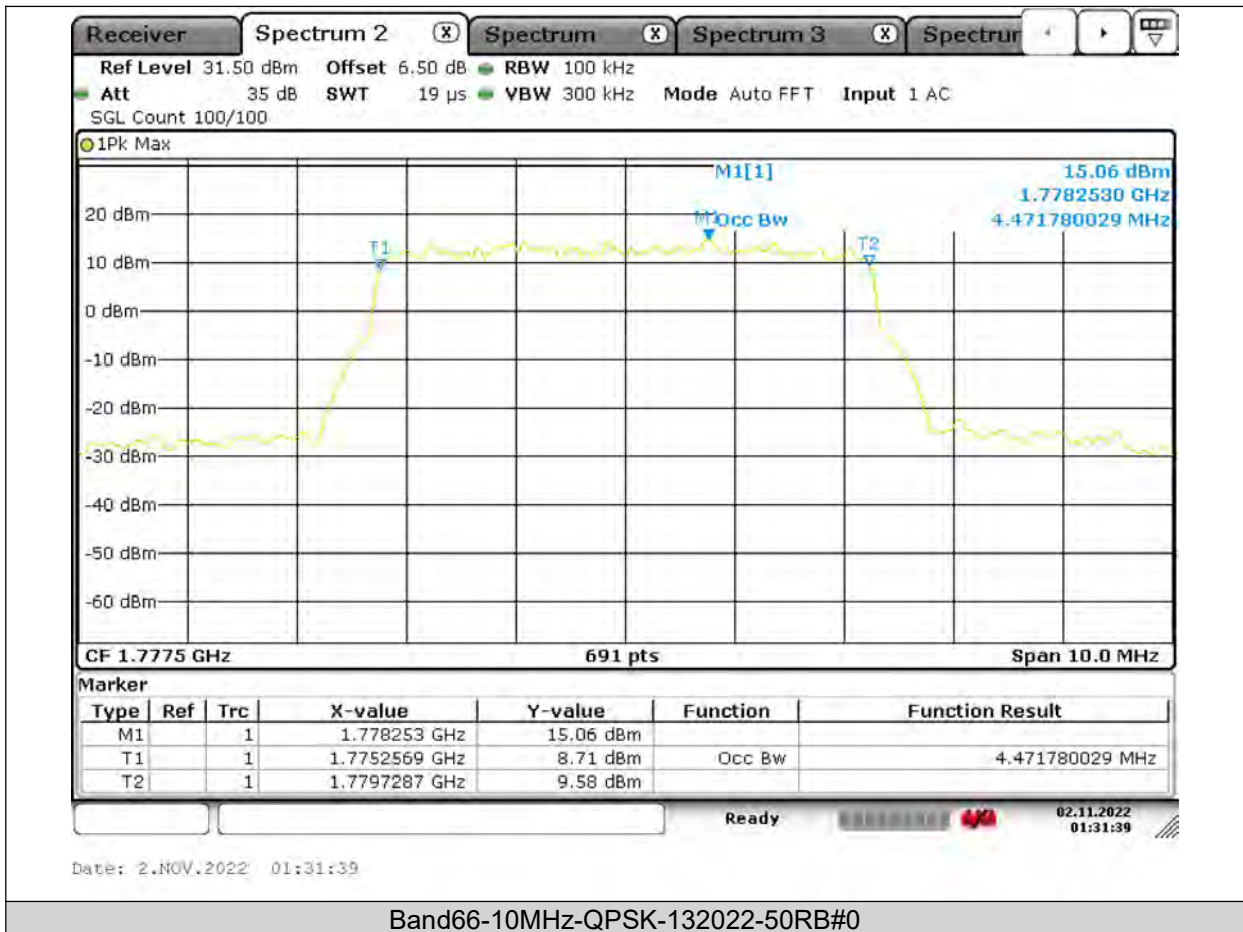
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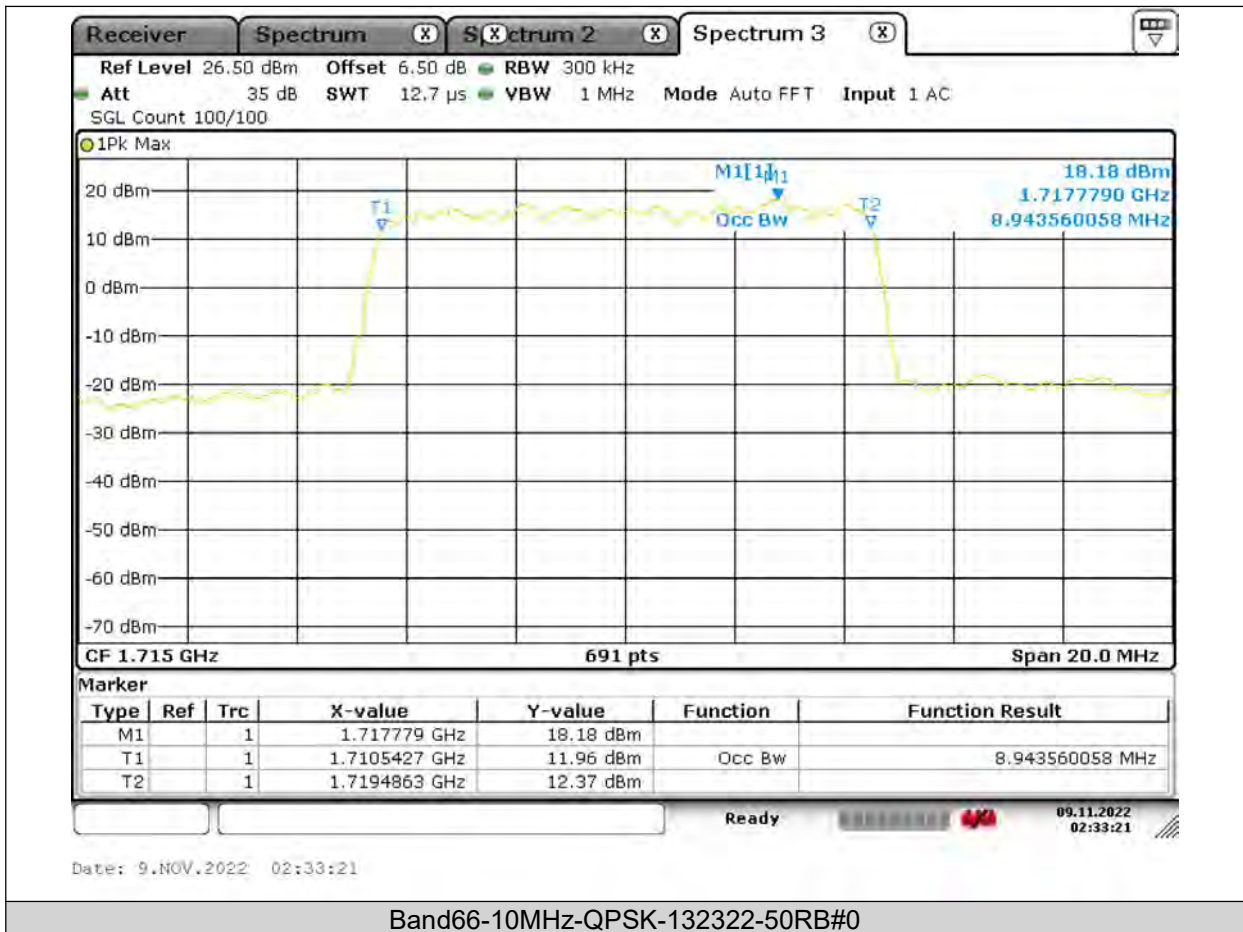






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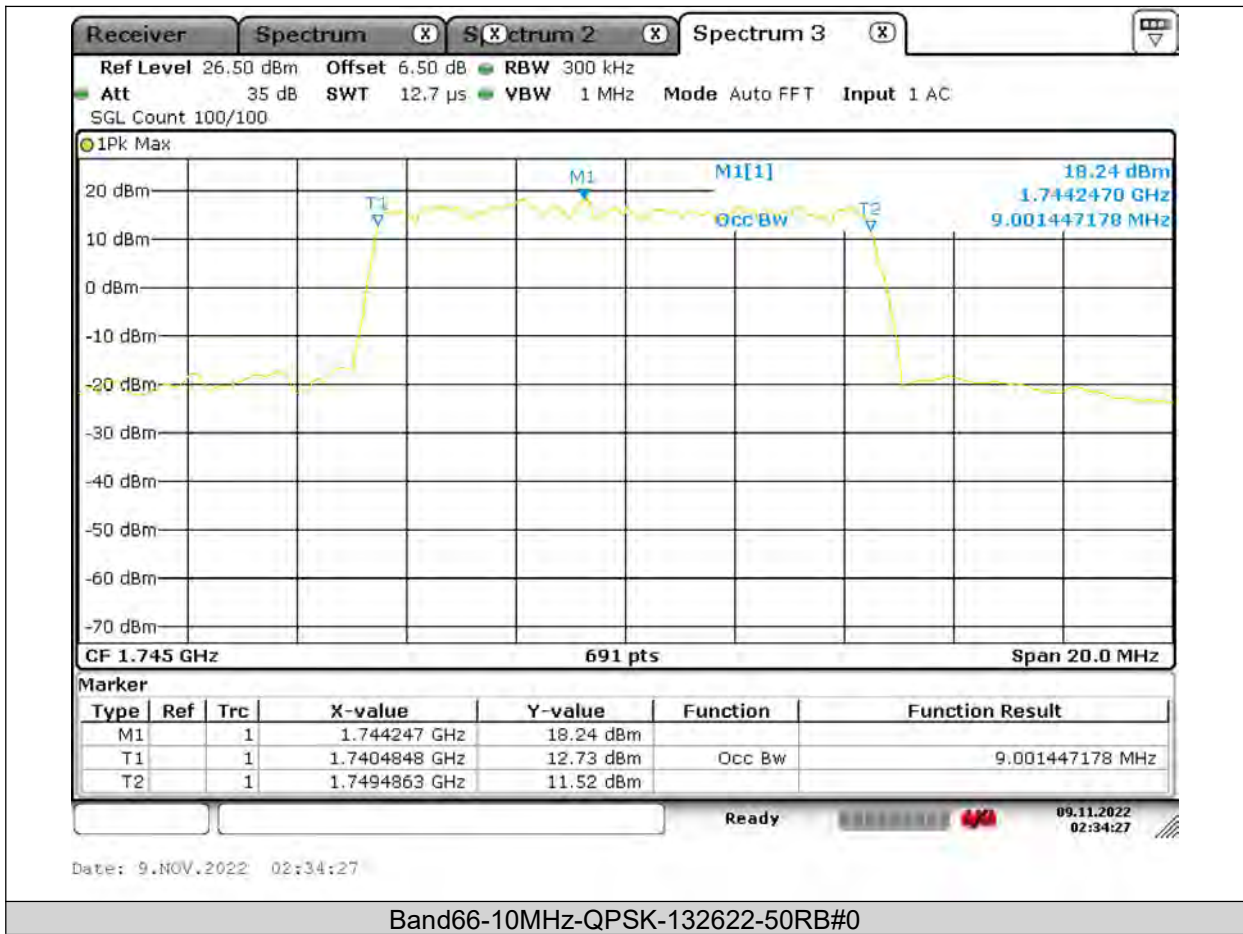
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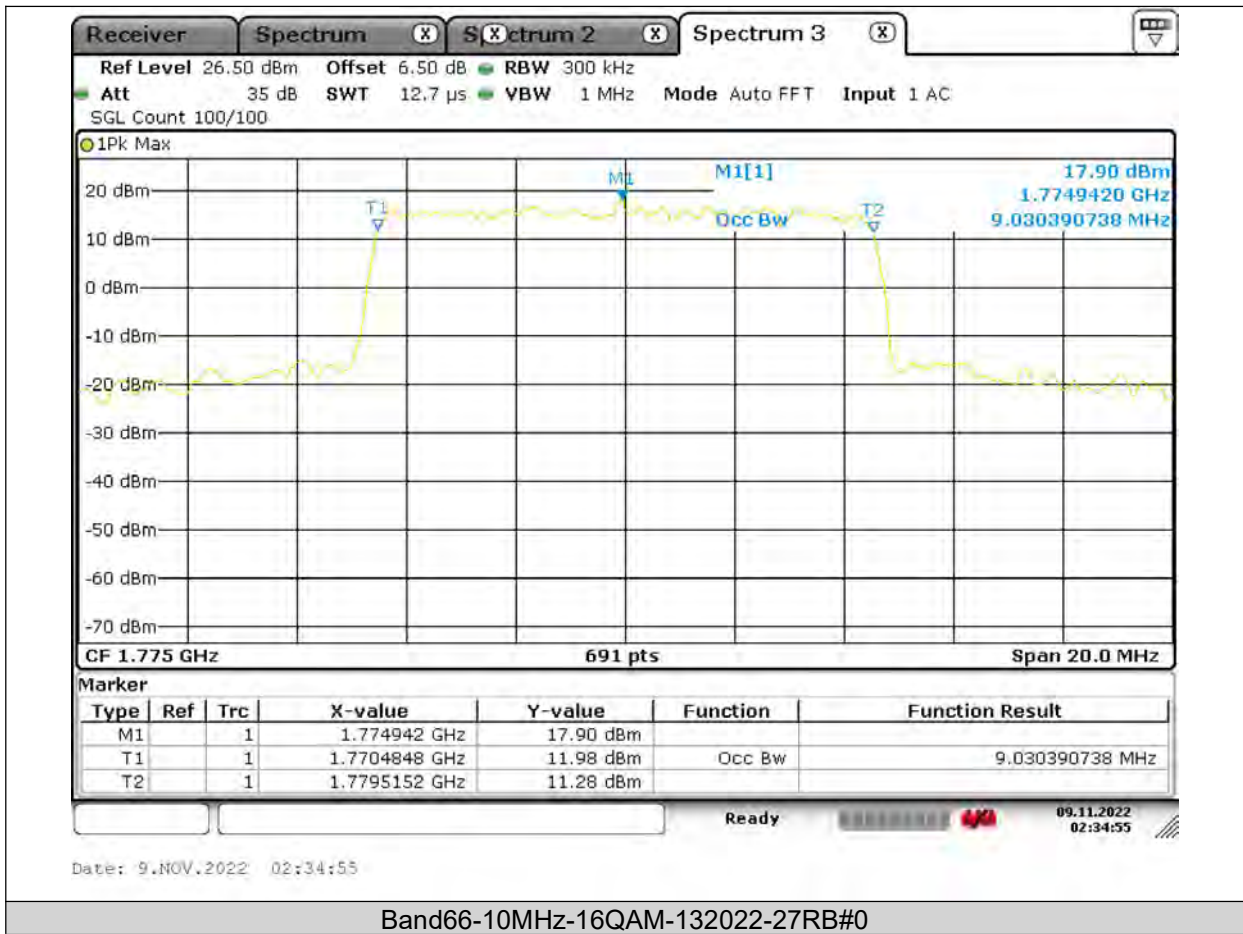
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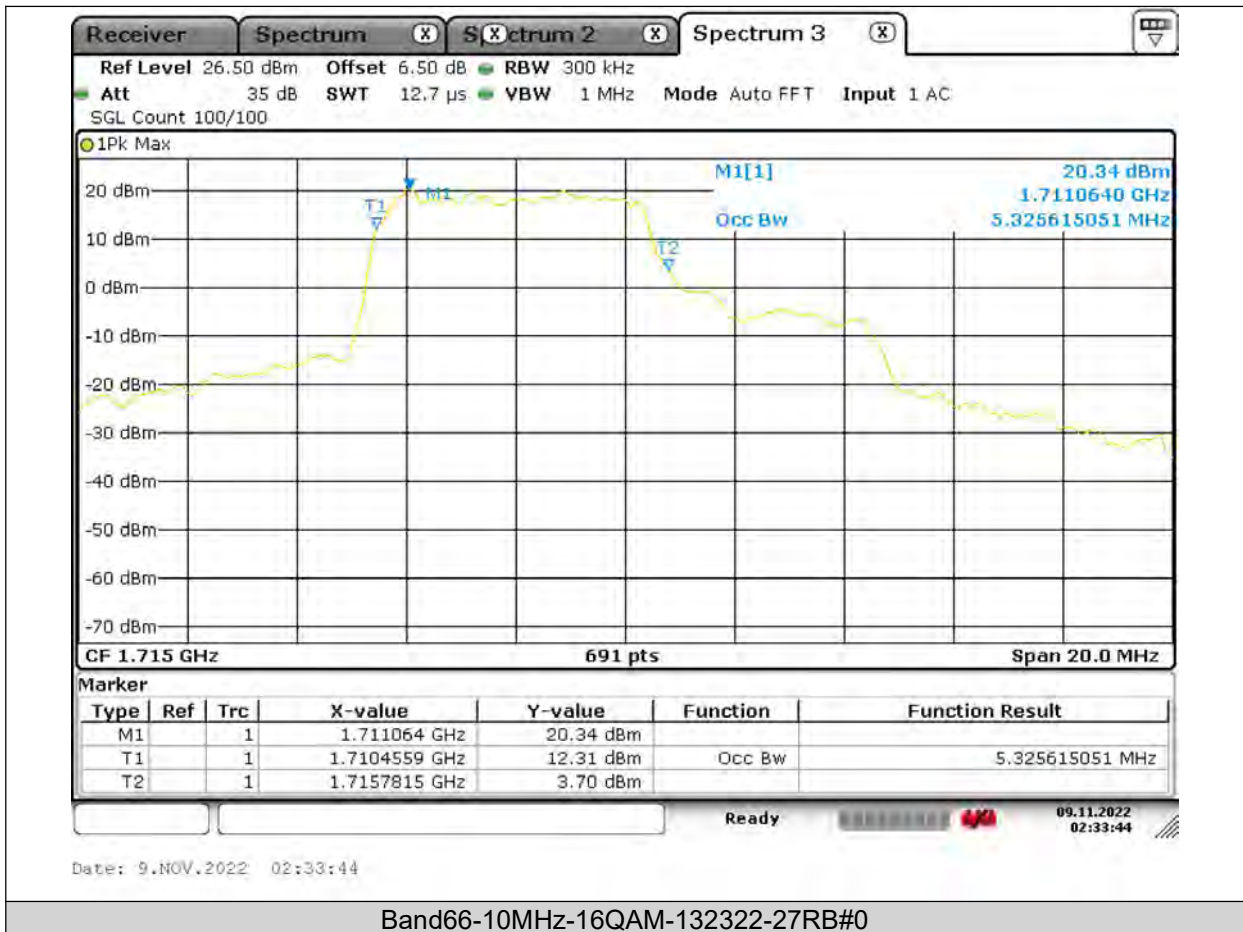
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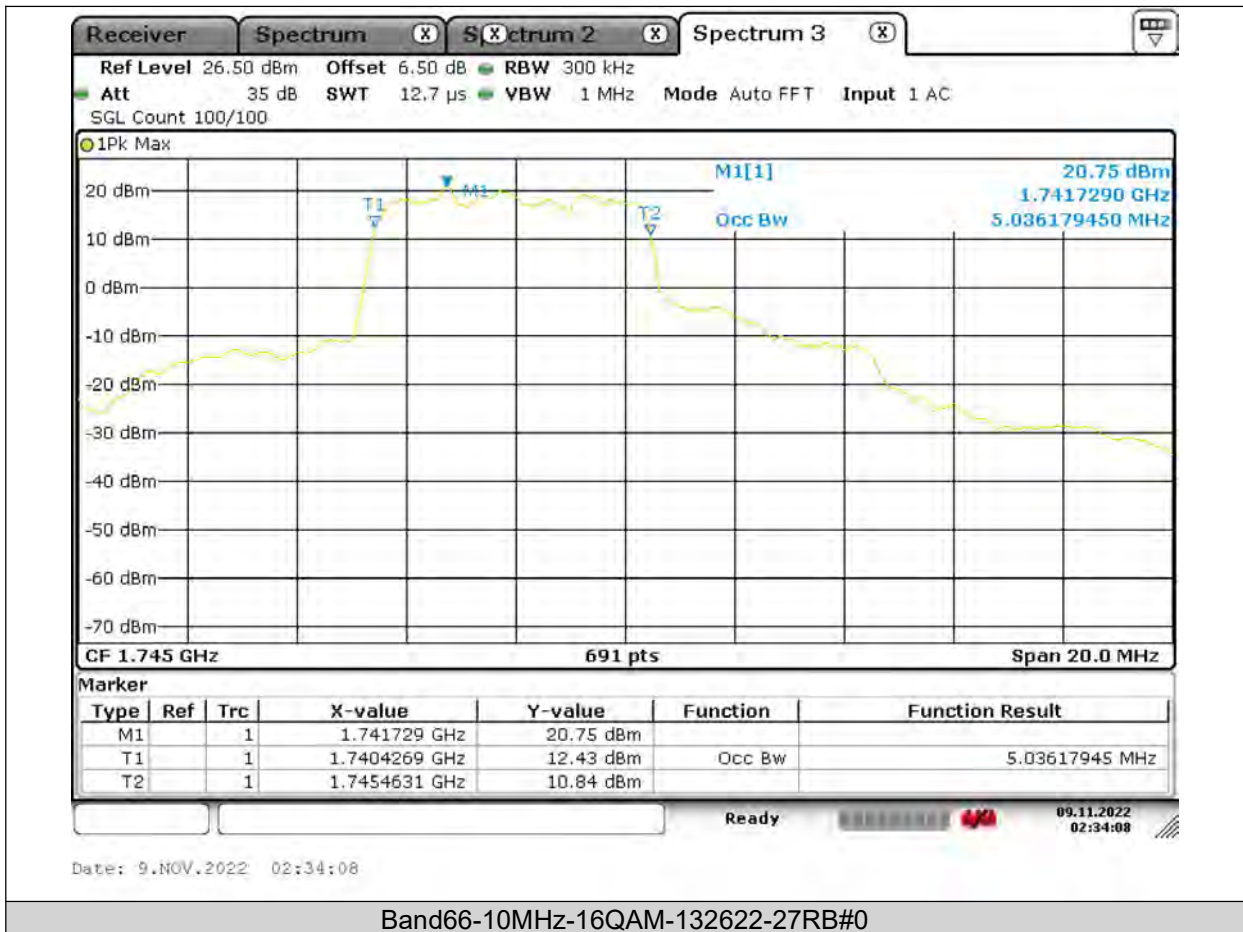
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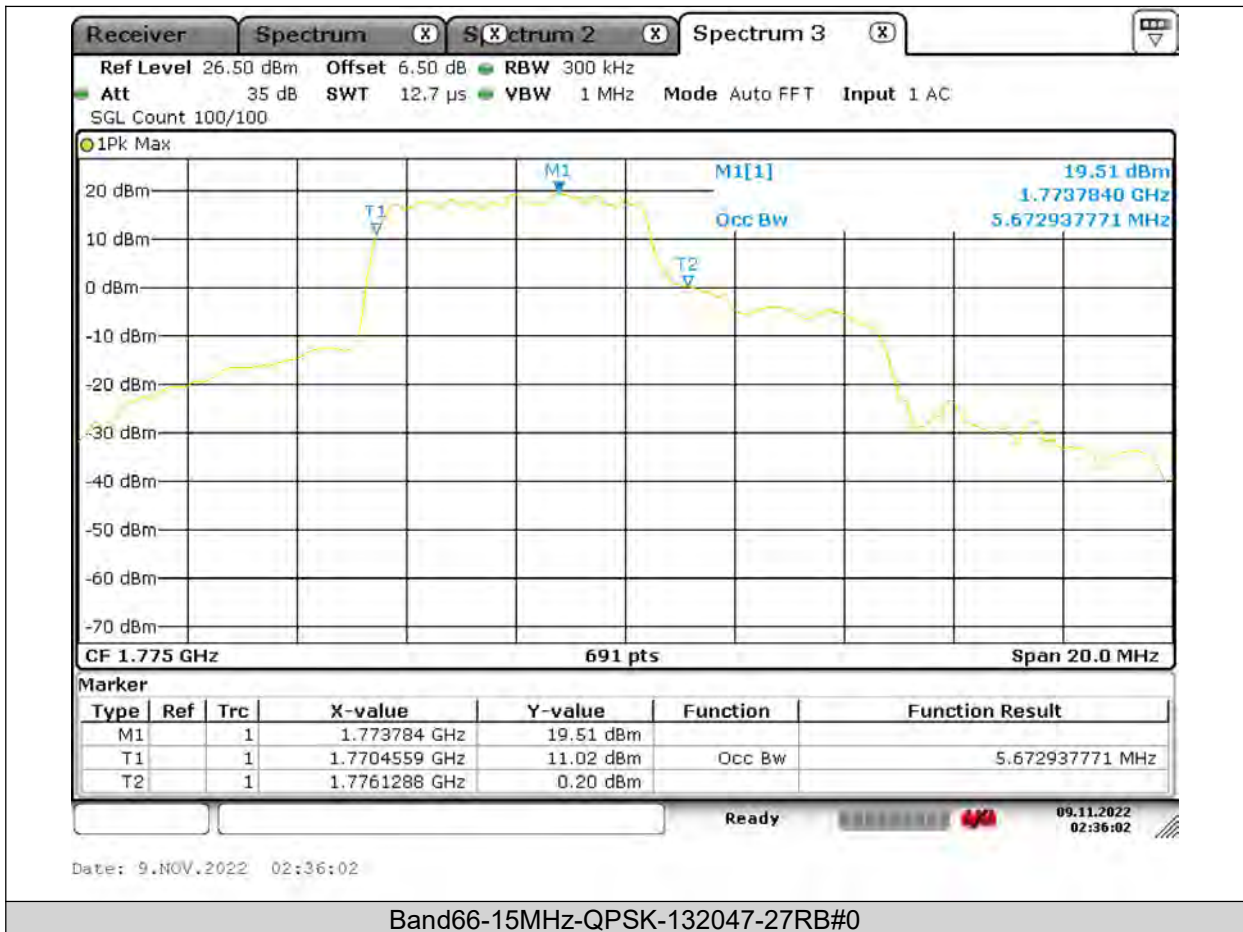
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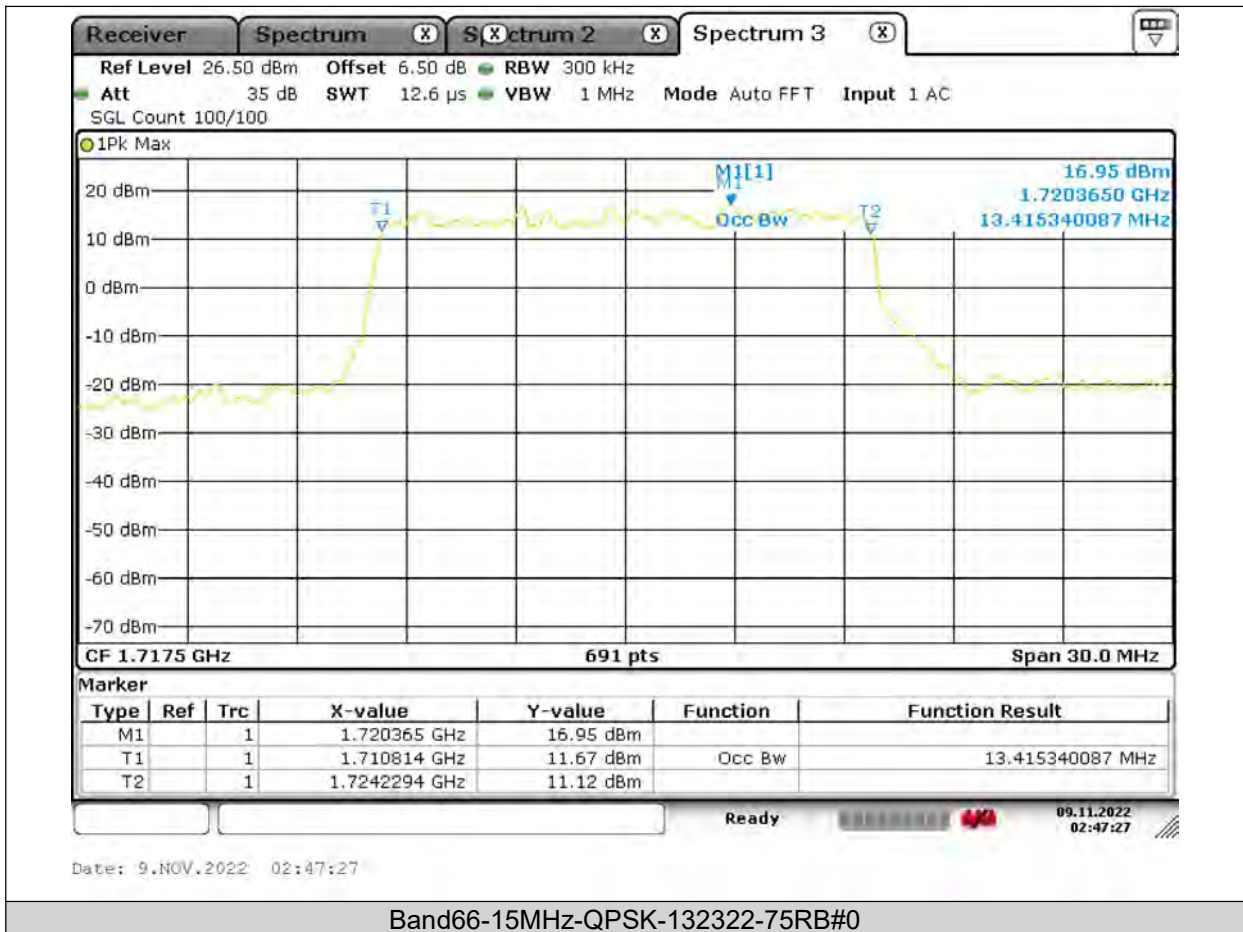
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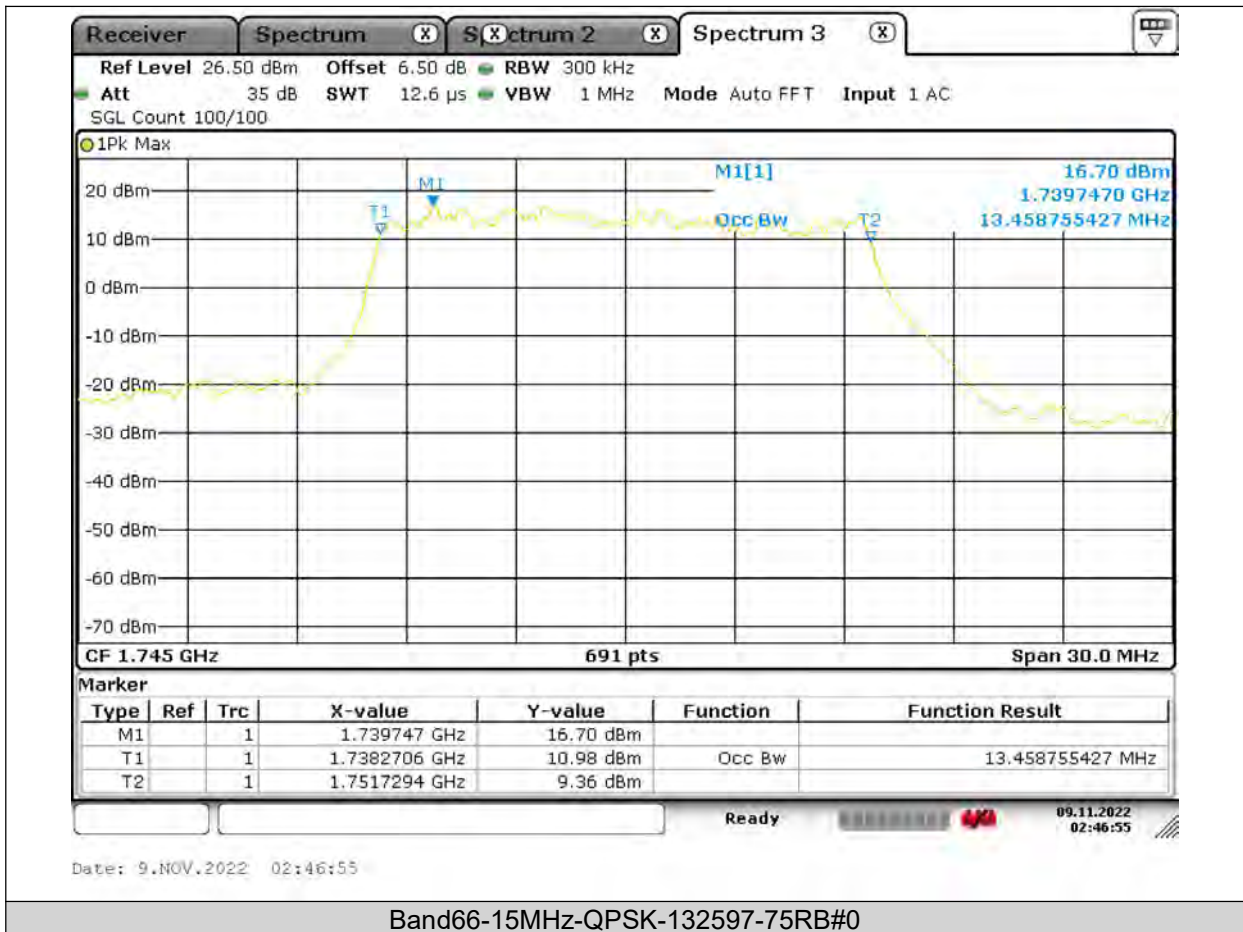
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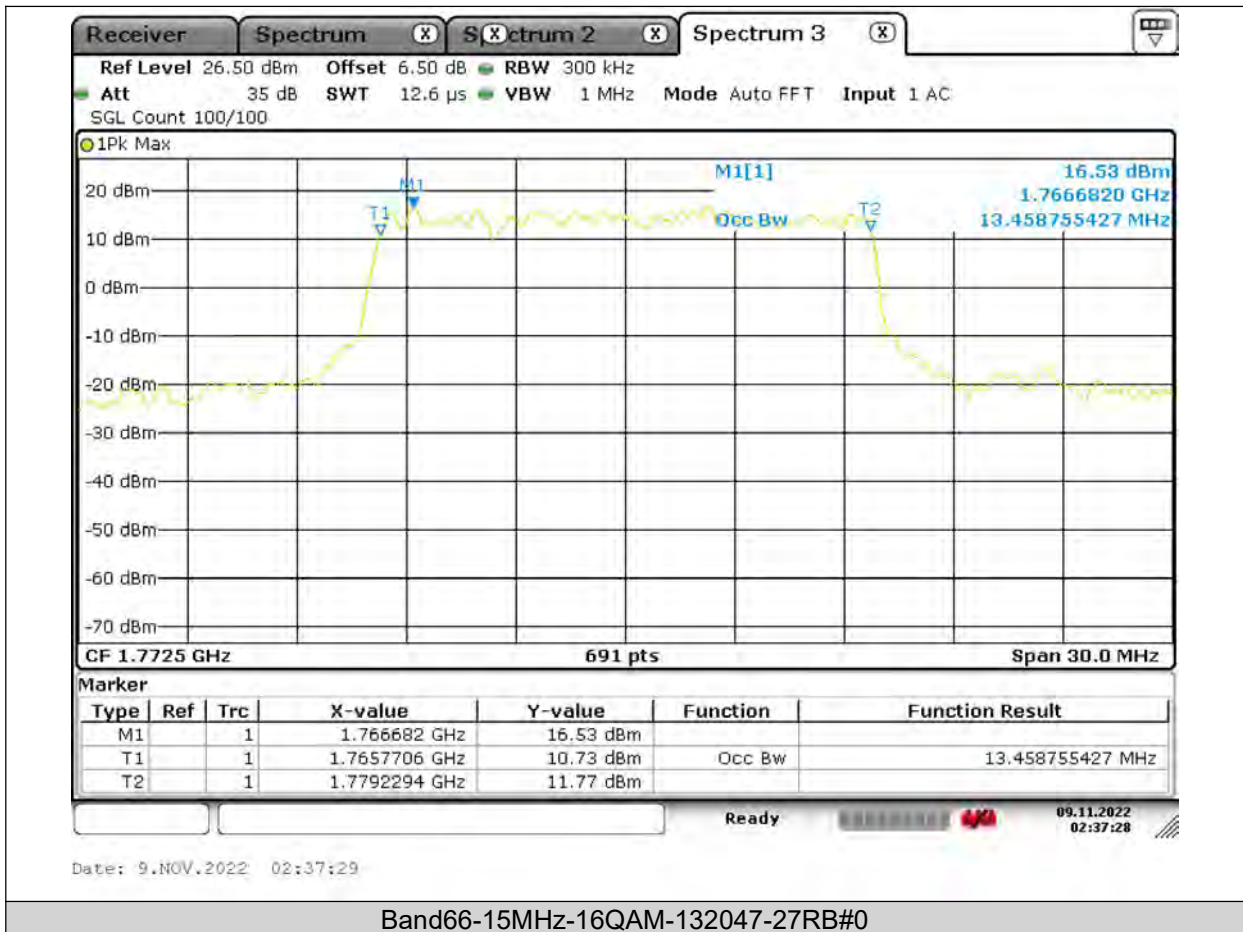






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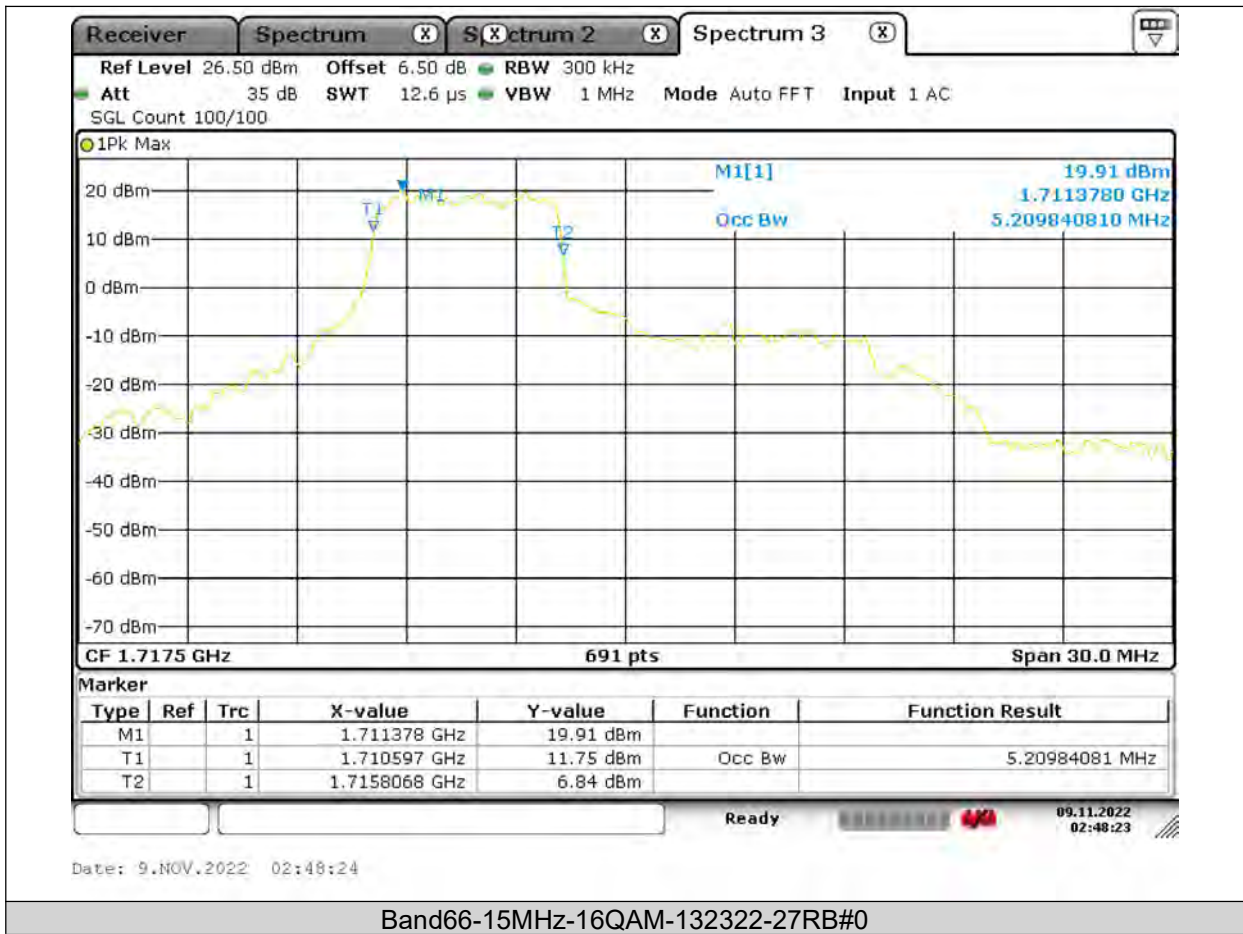
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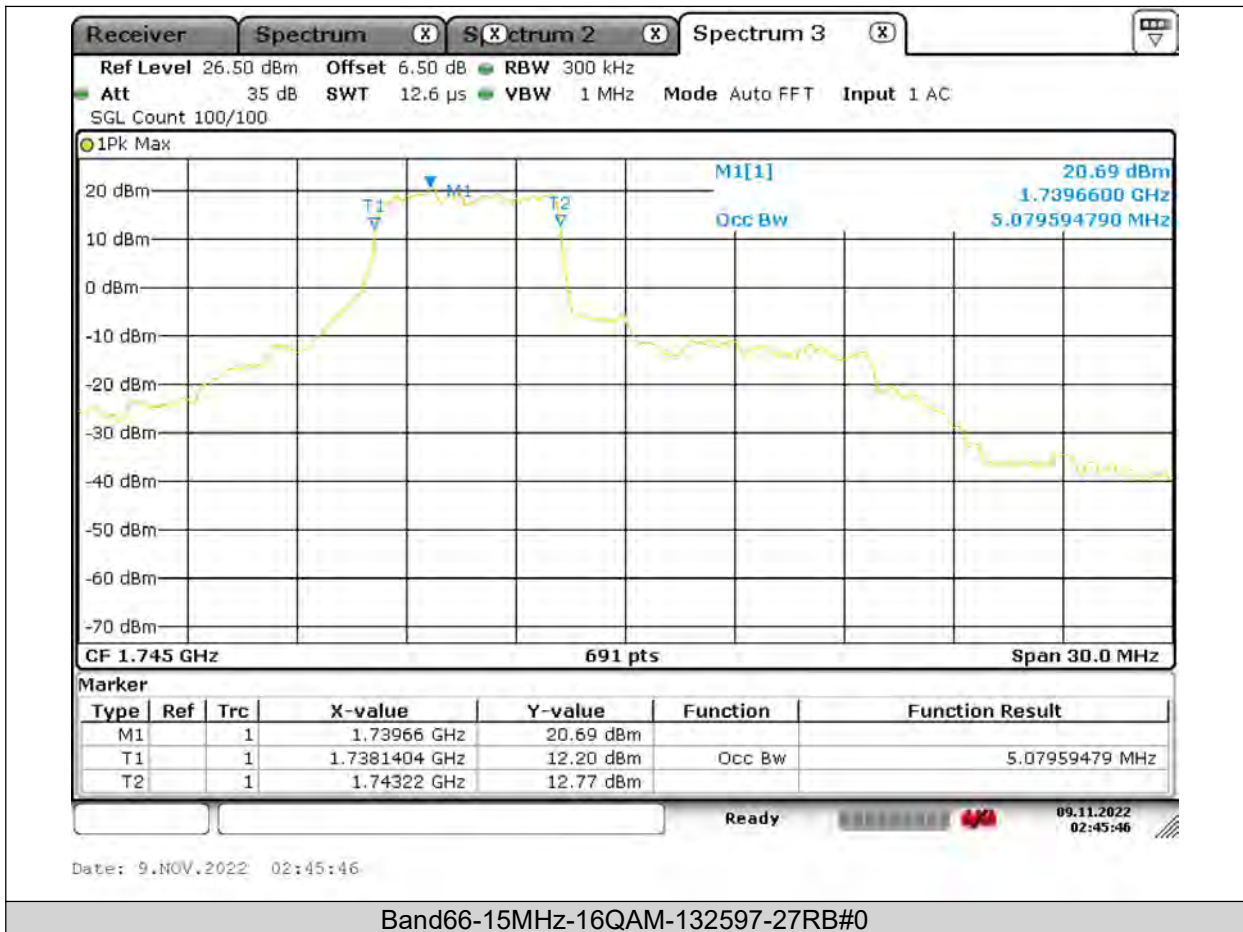
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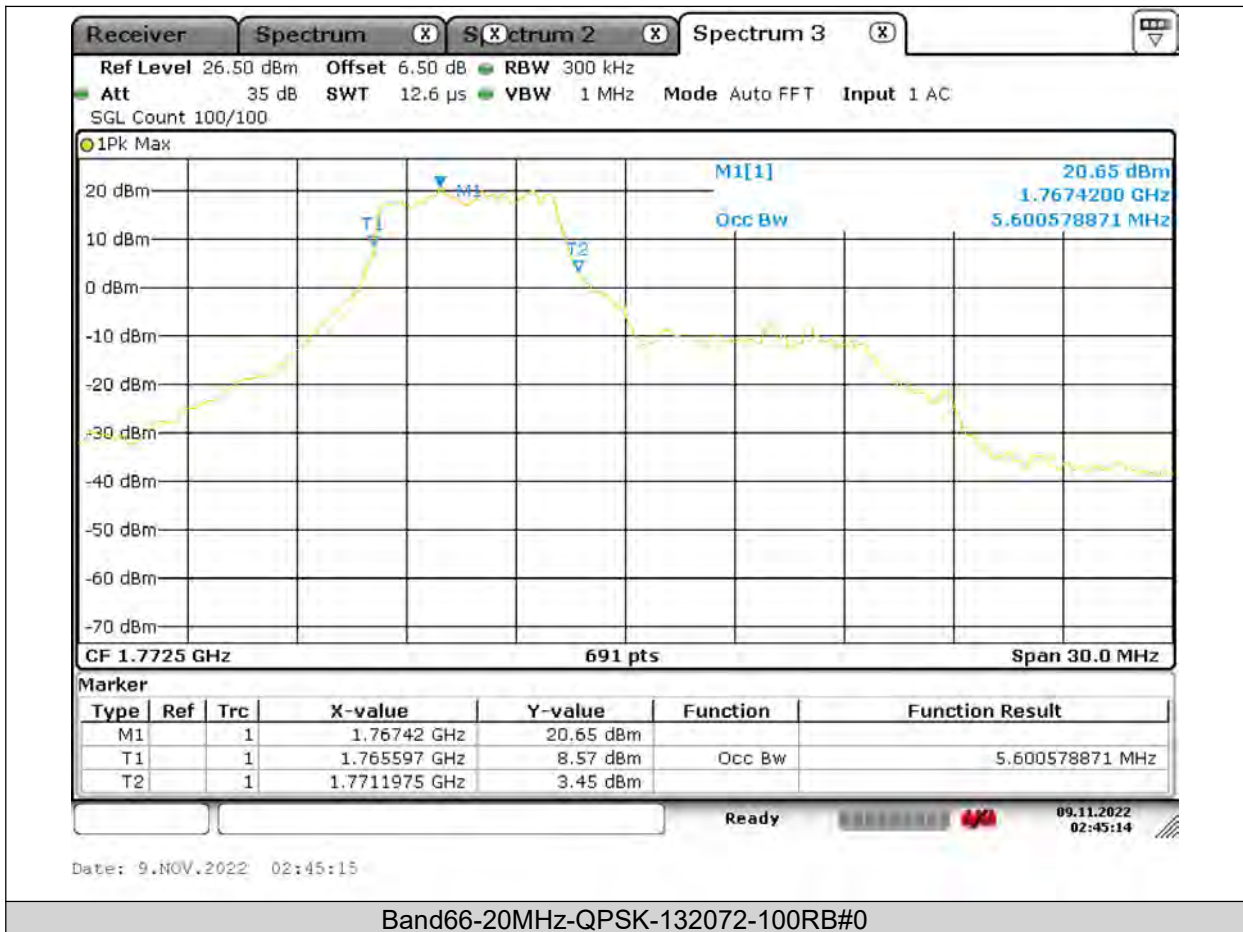
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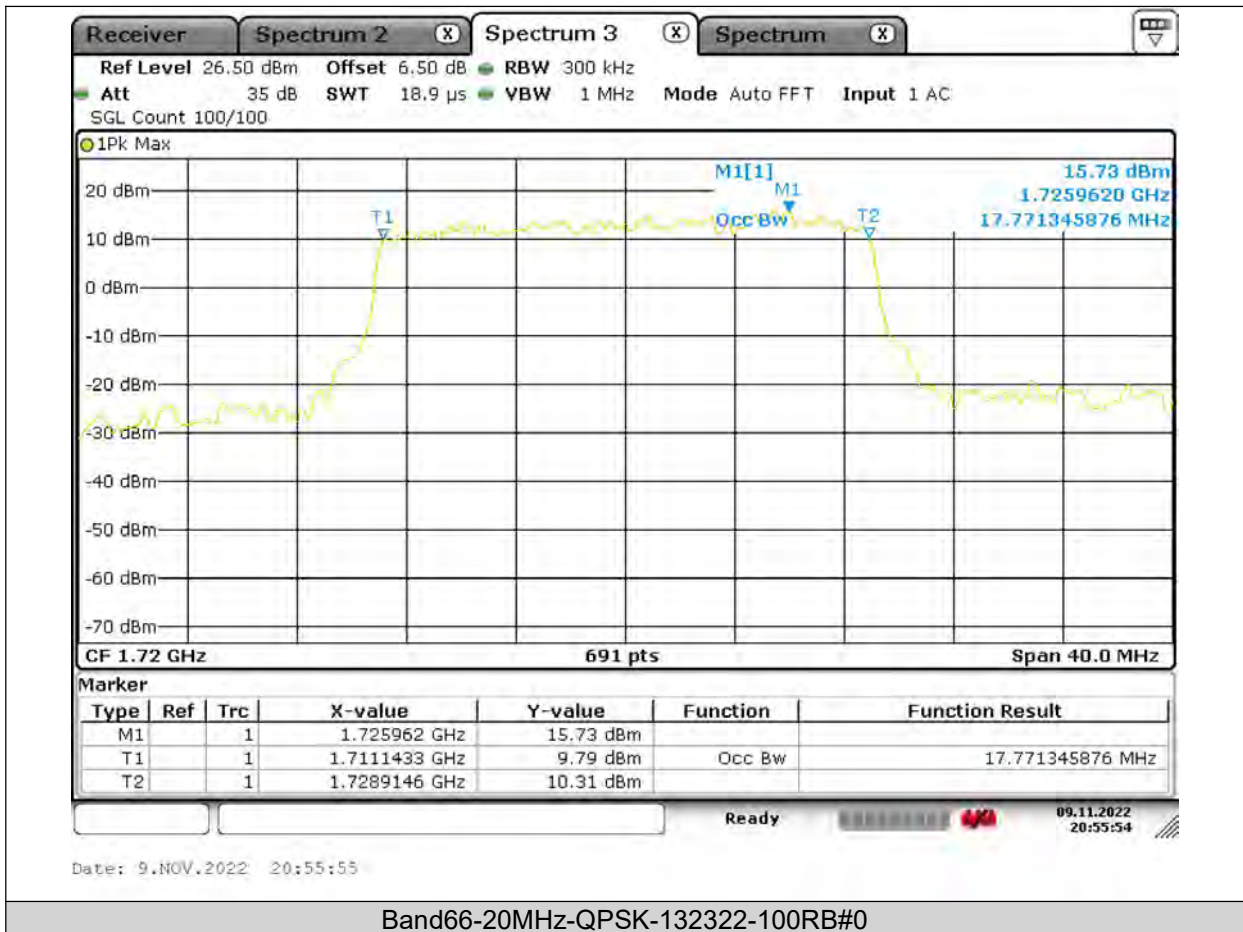
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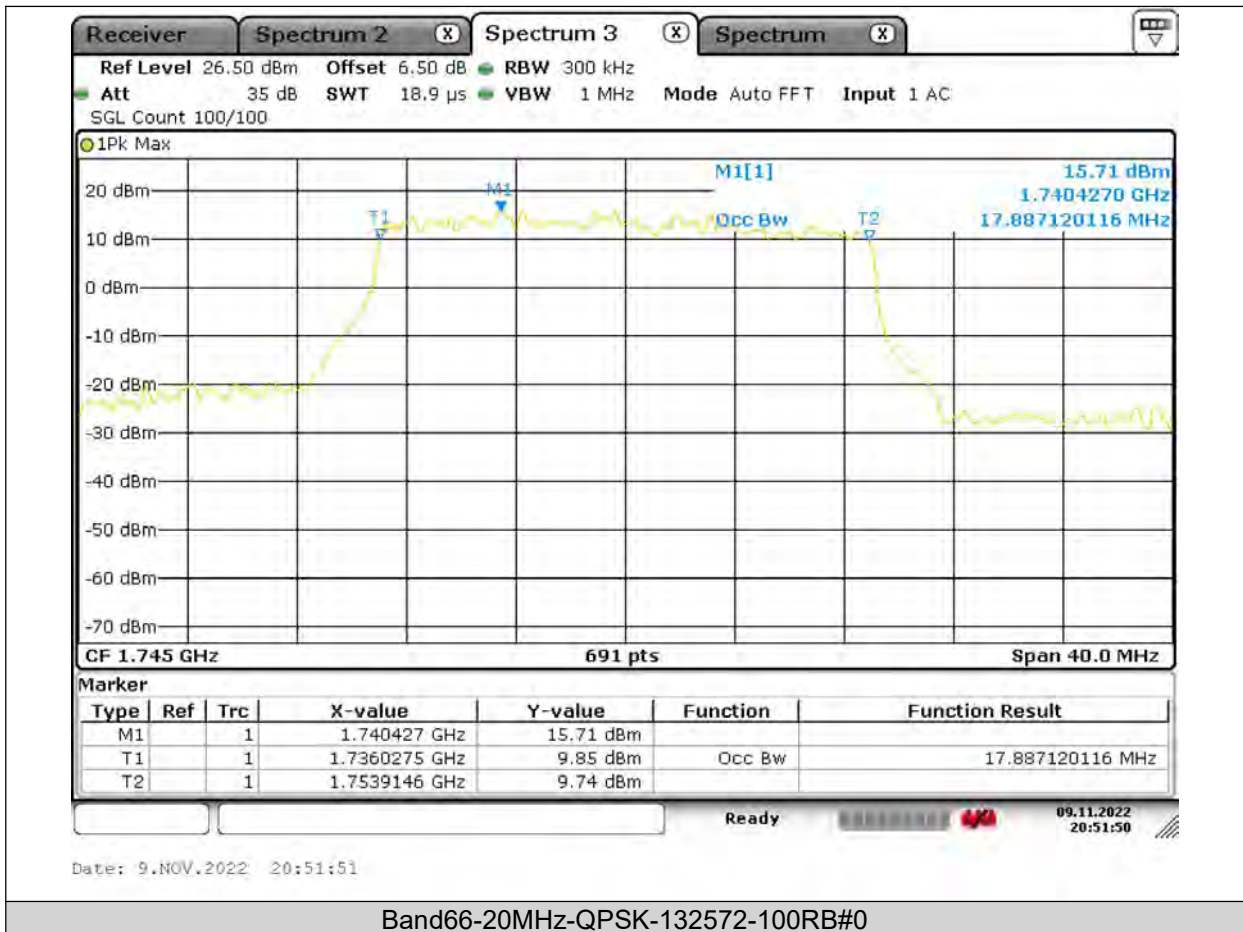
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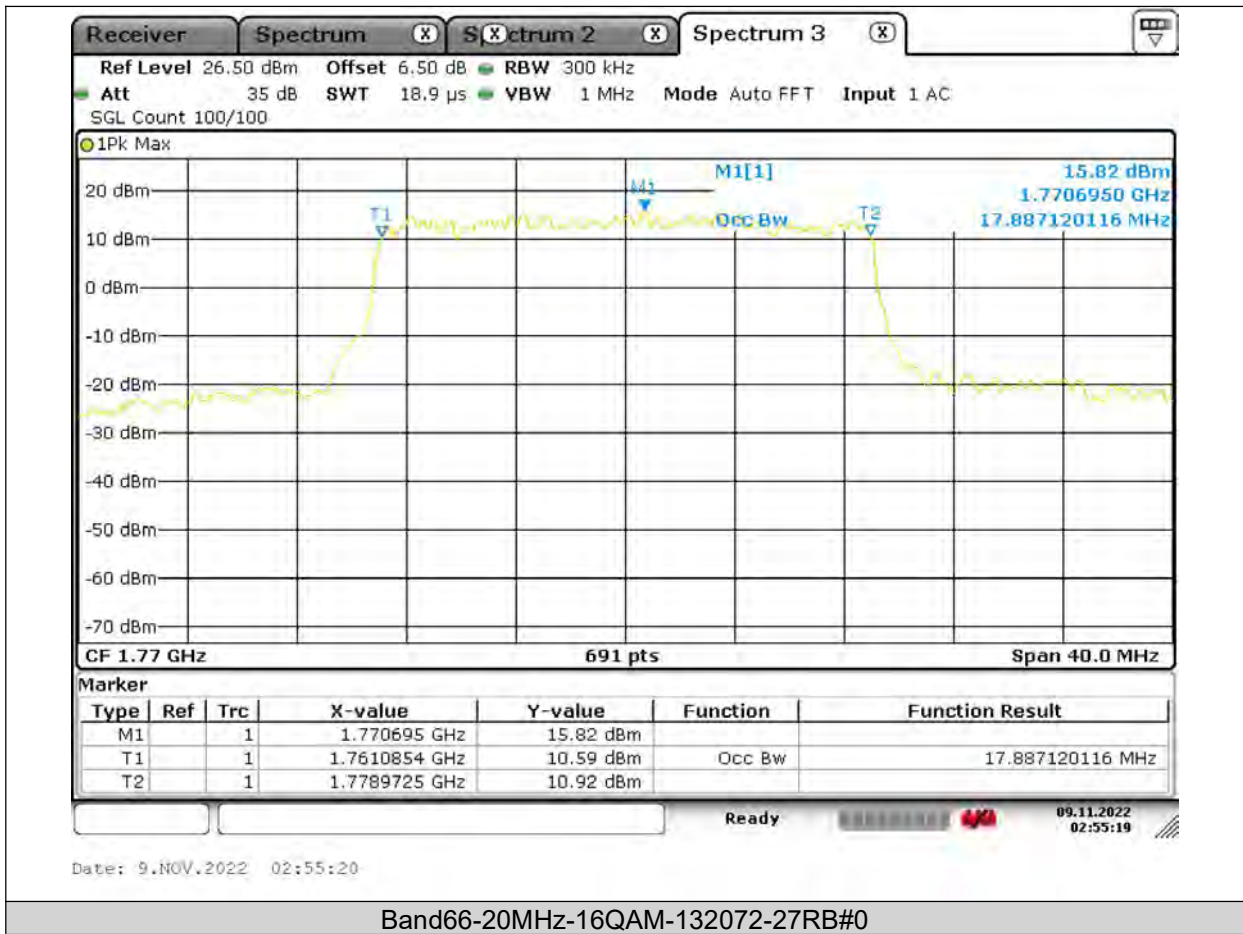
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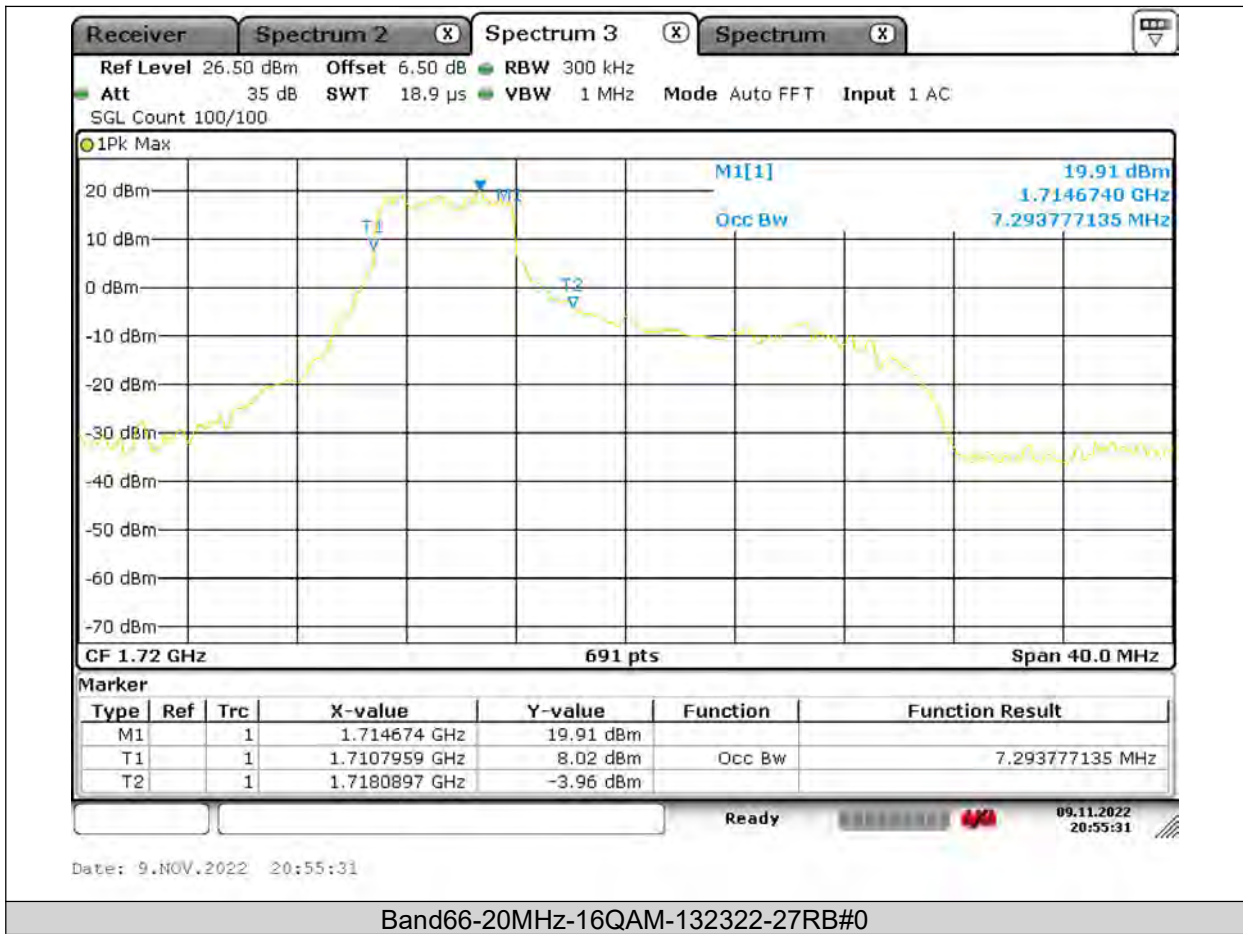
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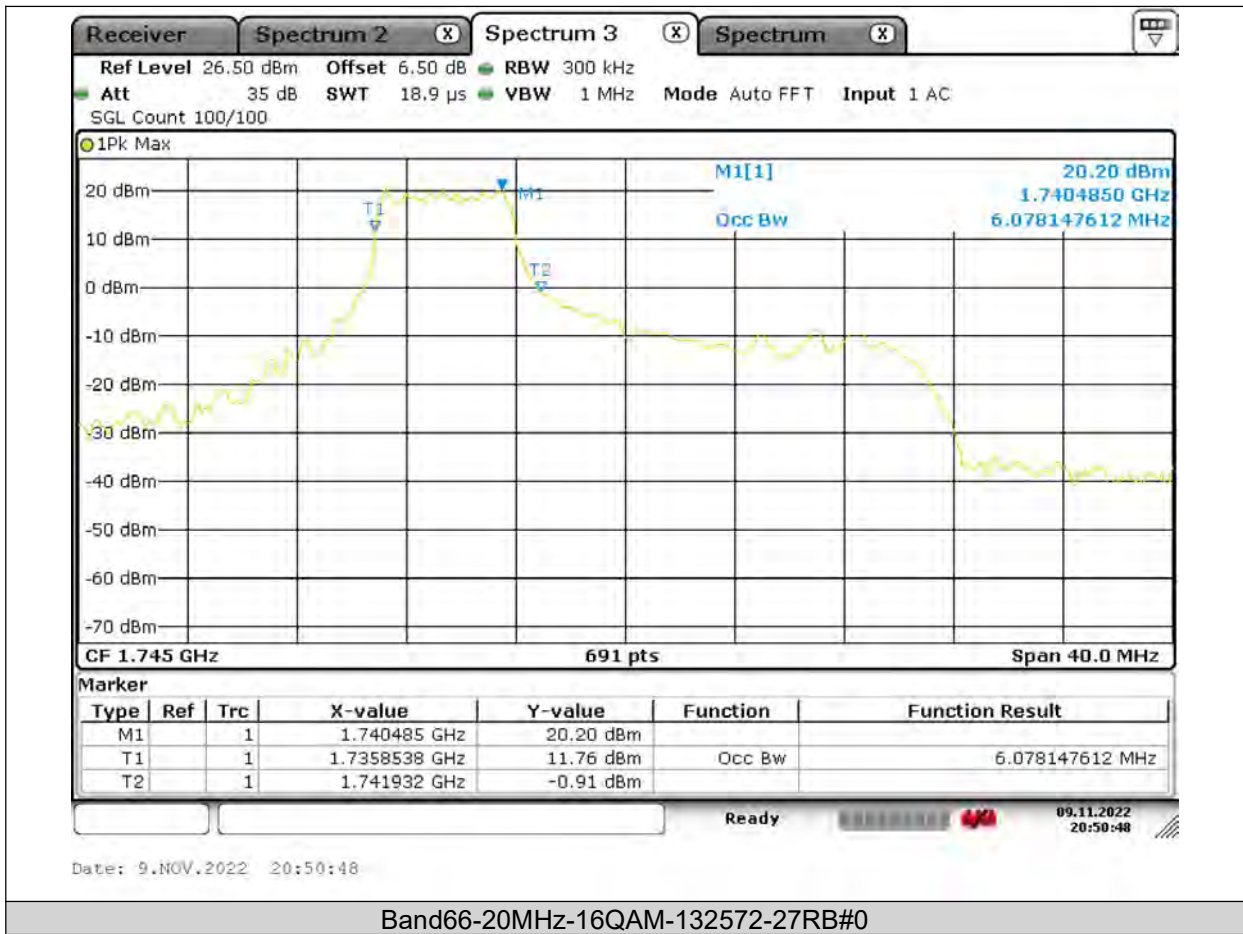






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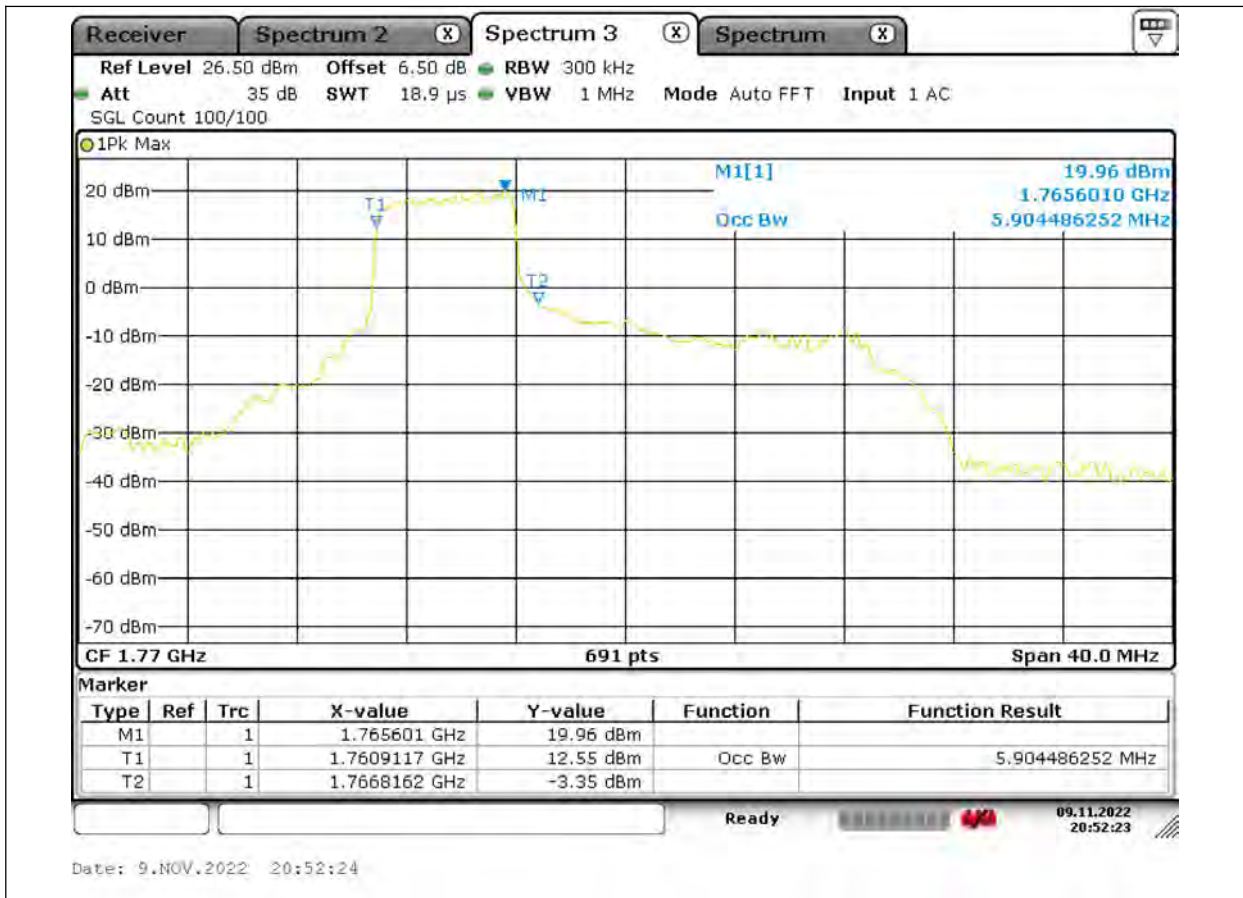
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VERITAS

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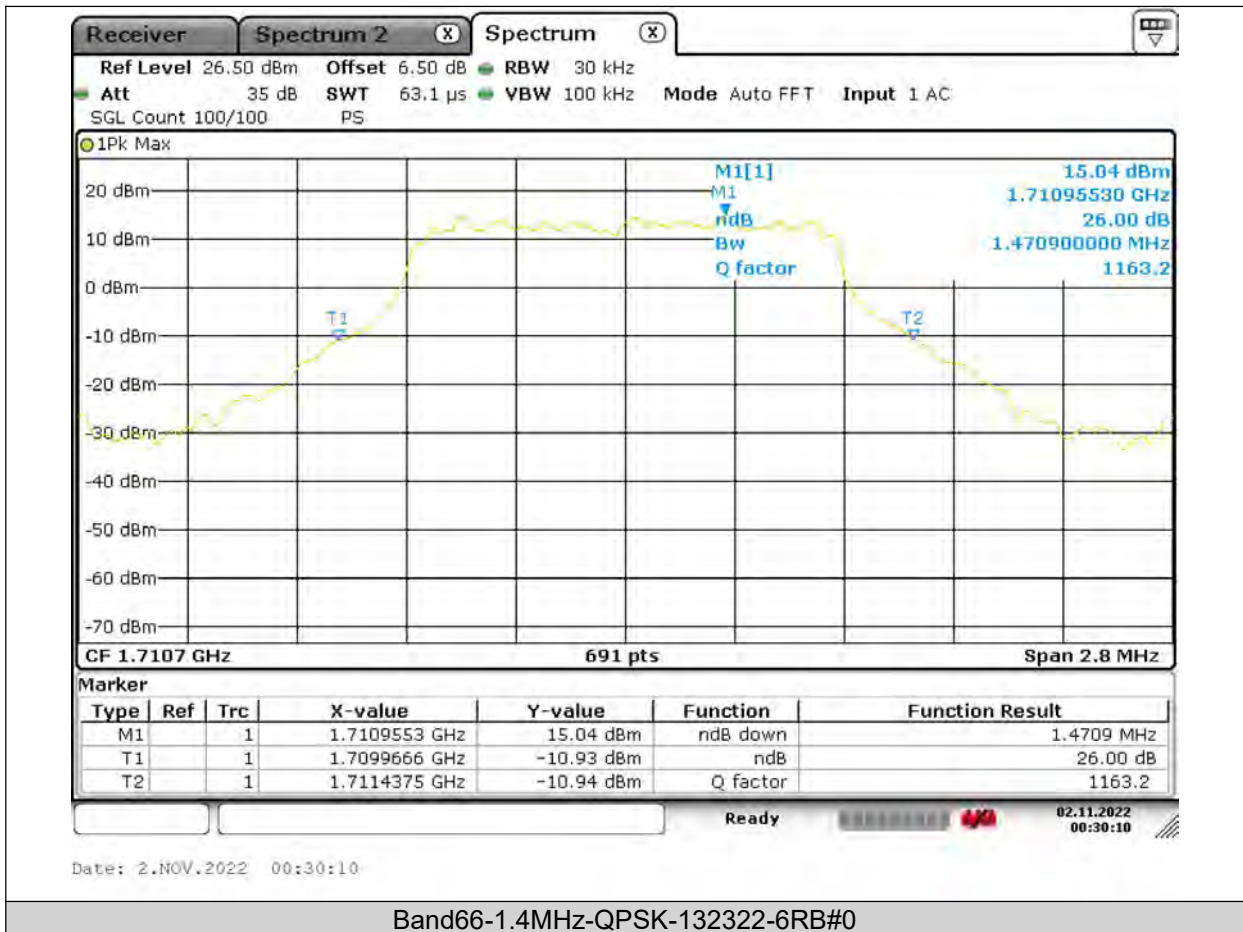
26dB Bandwidth

Band66-1.4MHz-QPSK-131979-6RB#0



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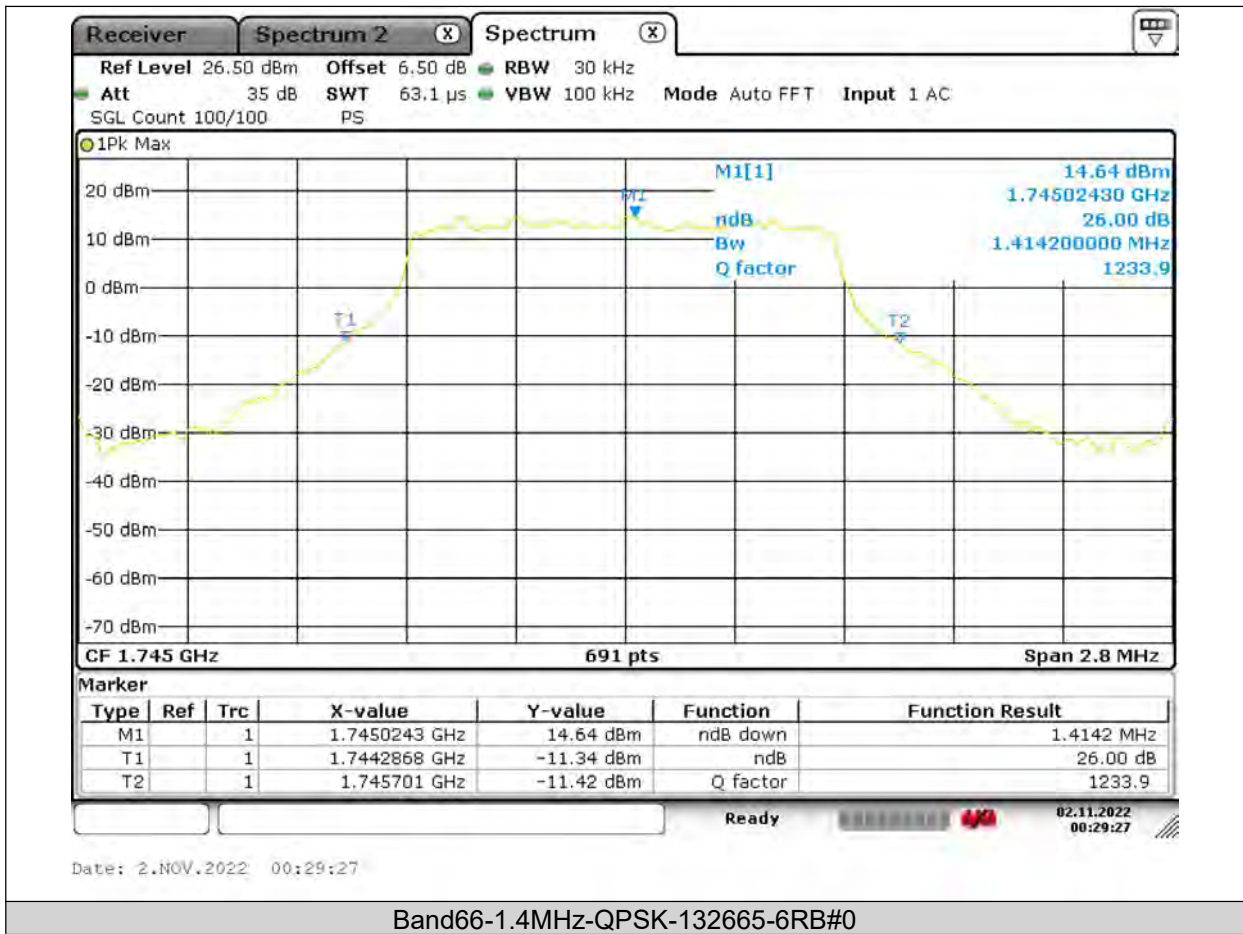
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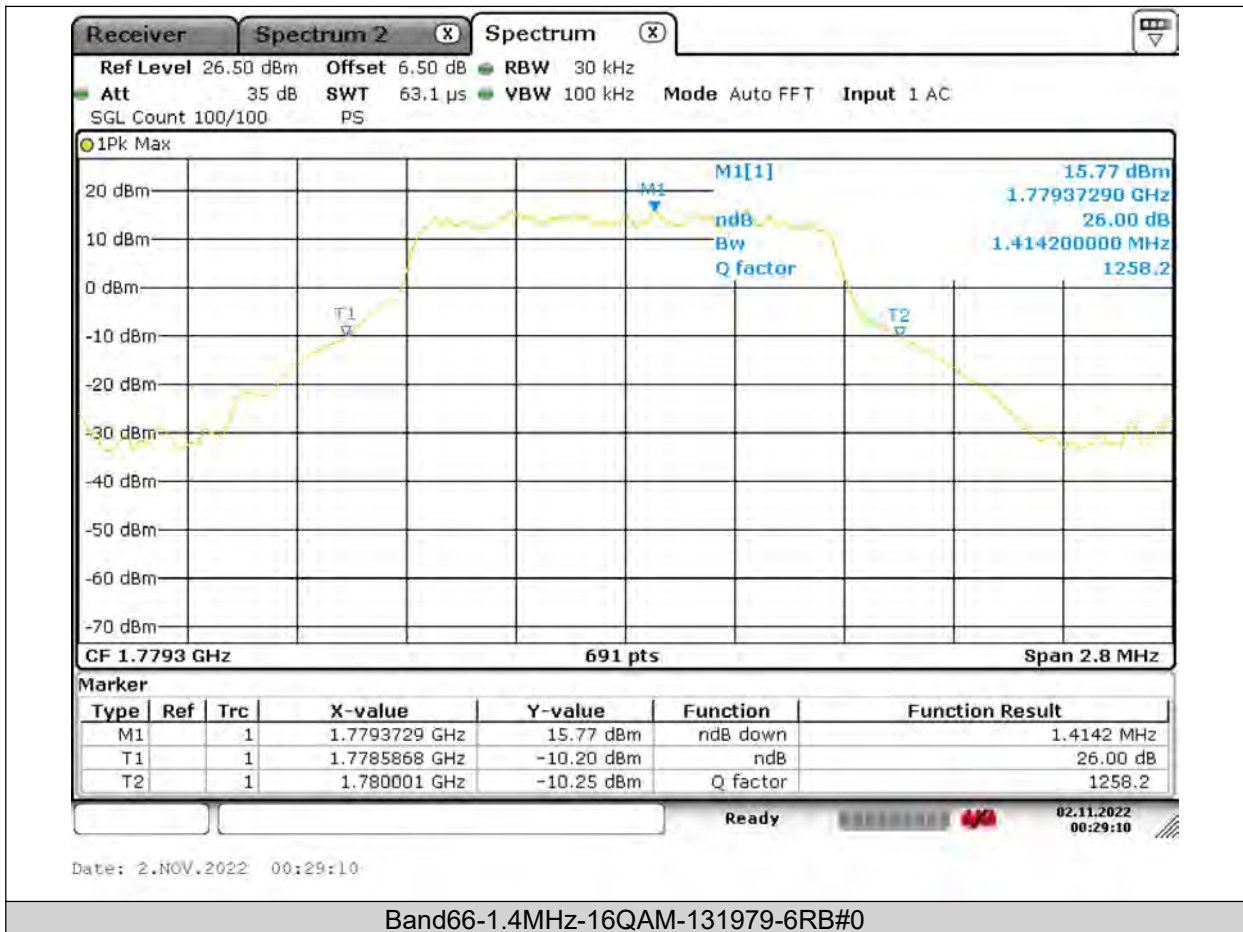
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VERITAS

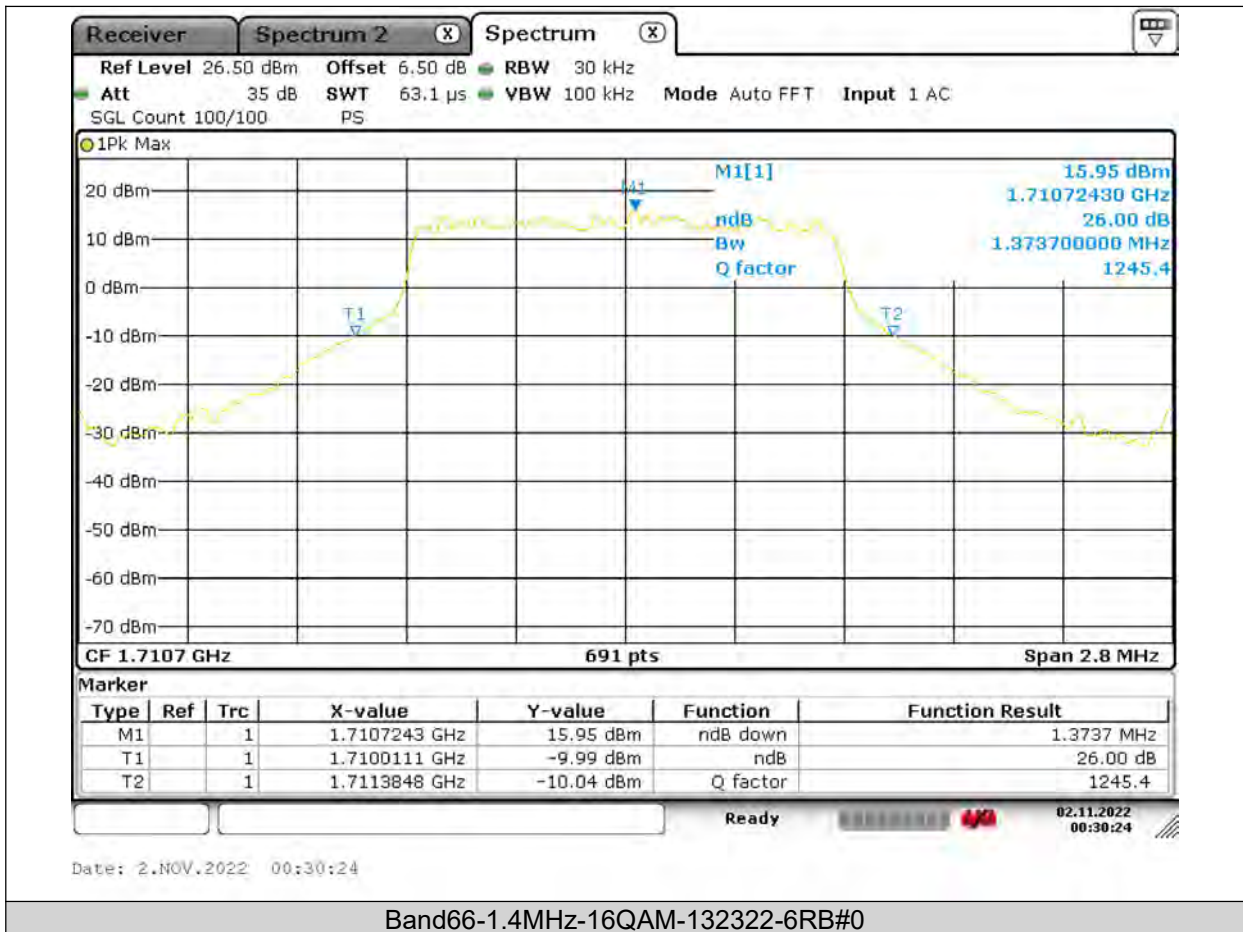
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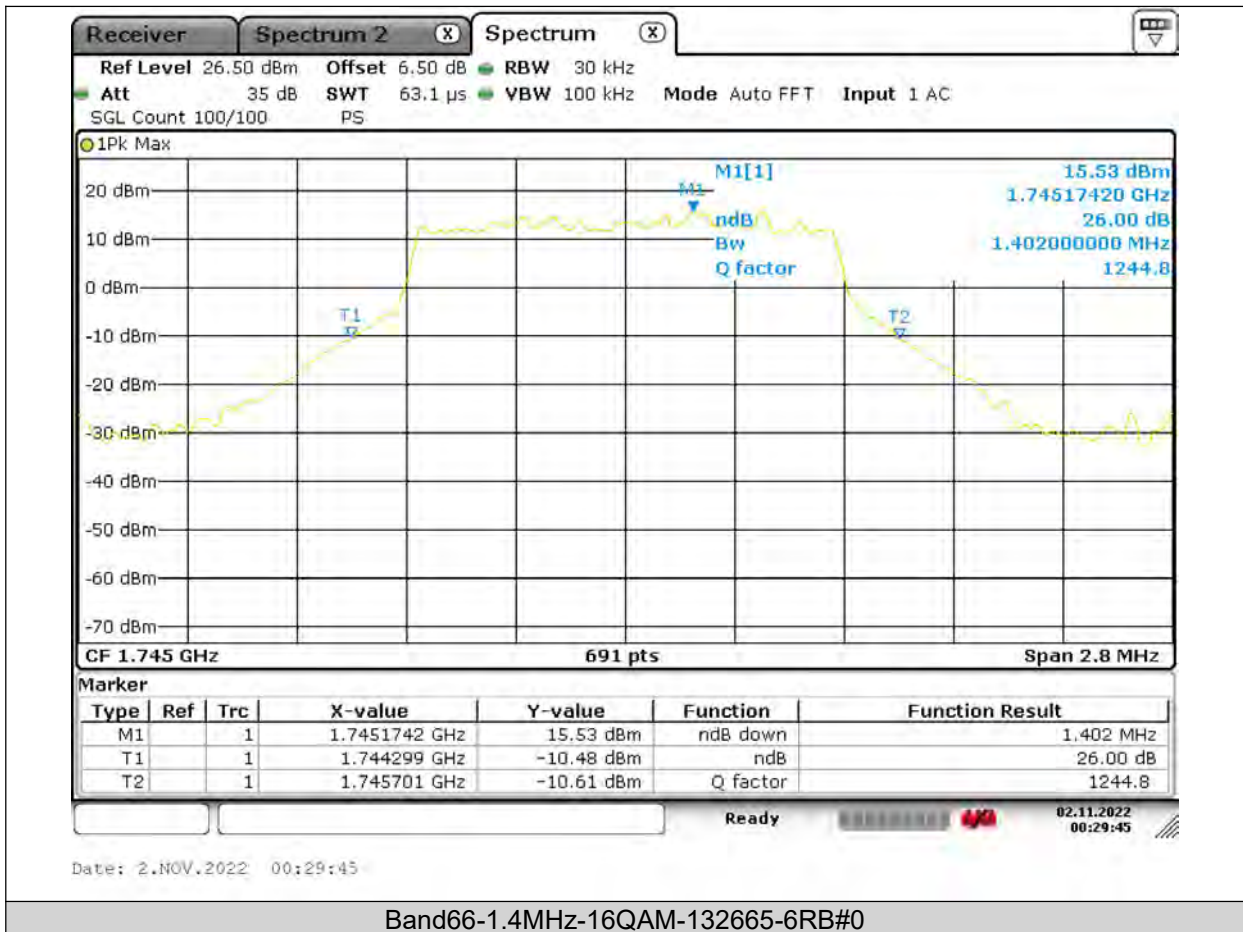
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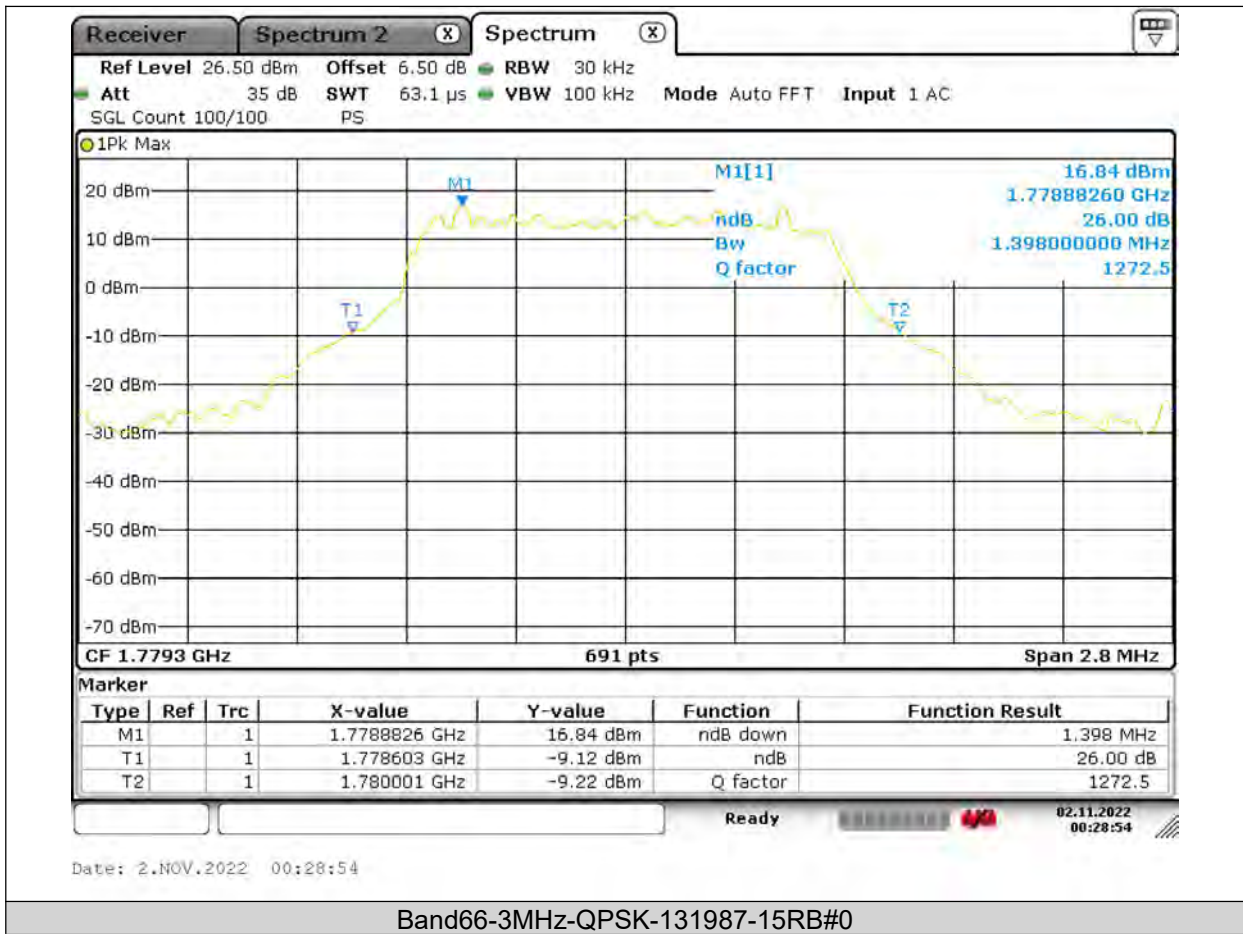
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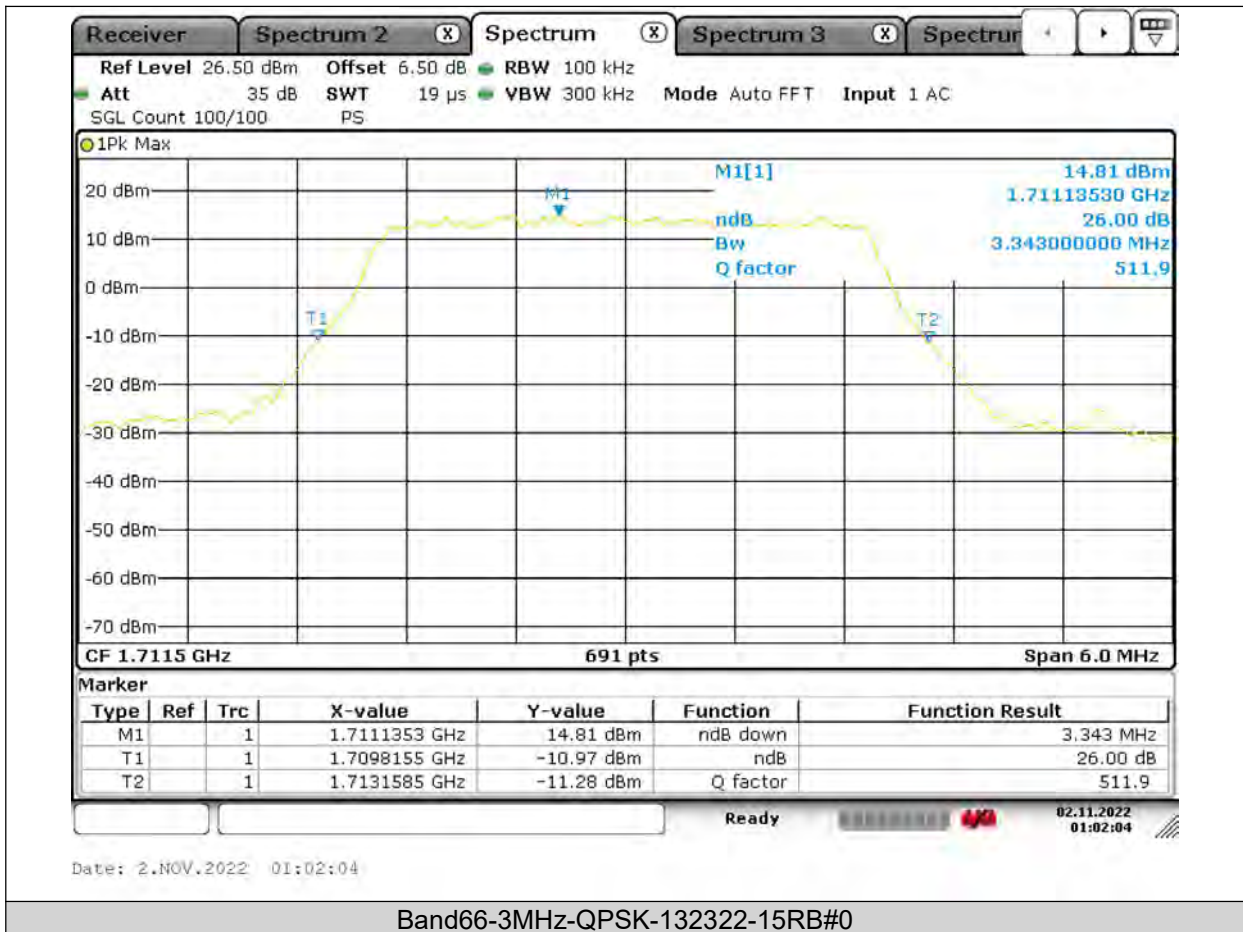






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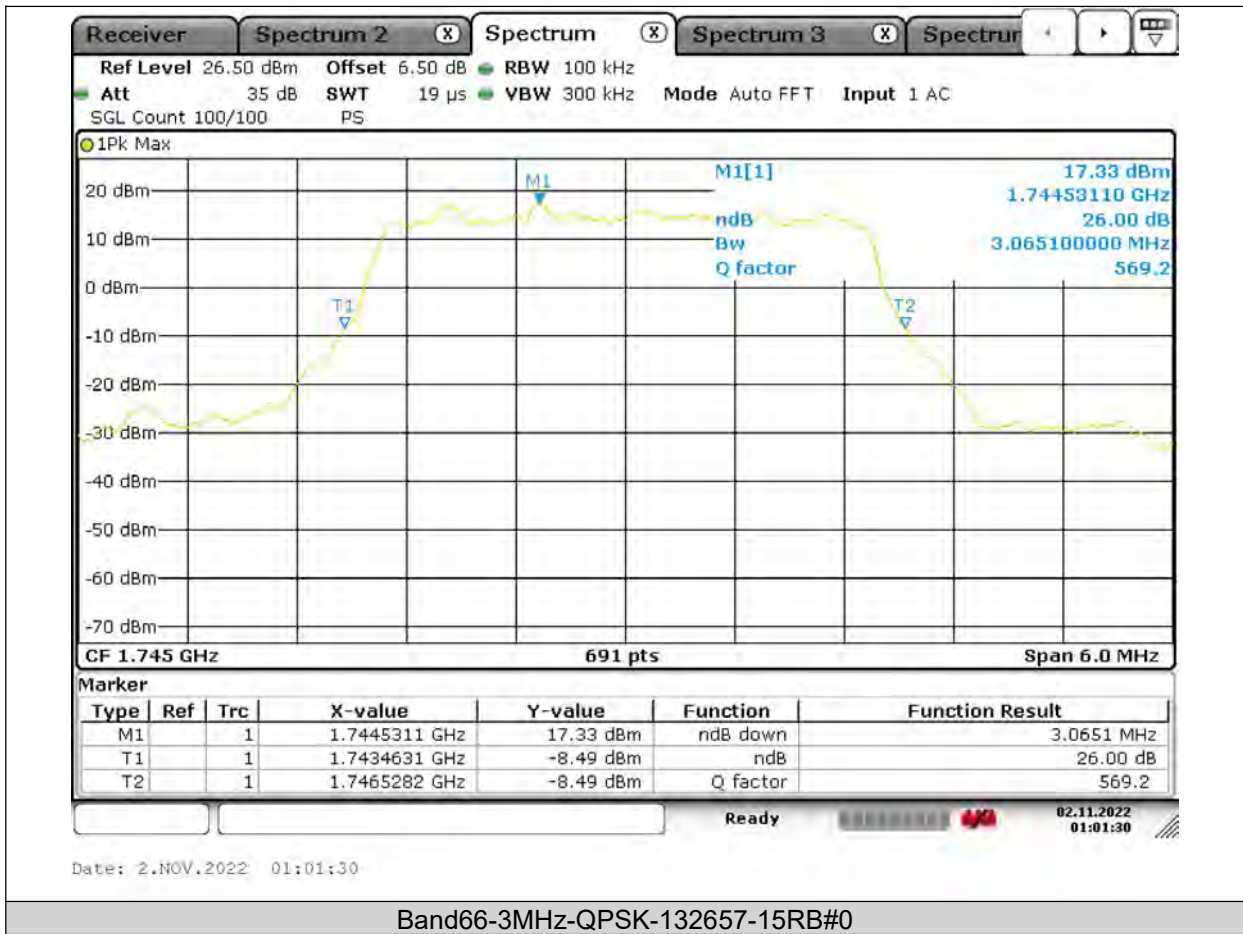
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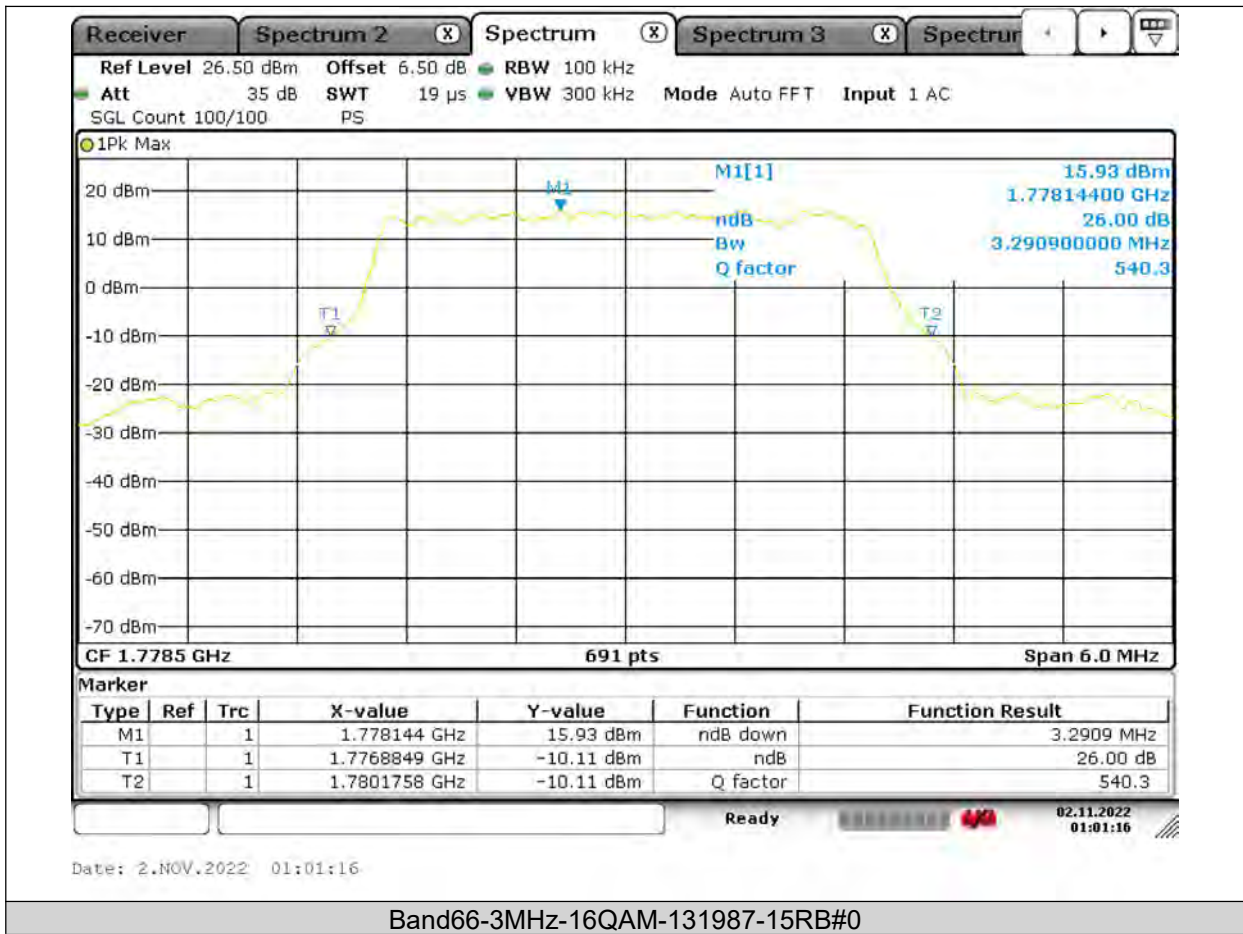
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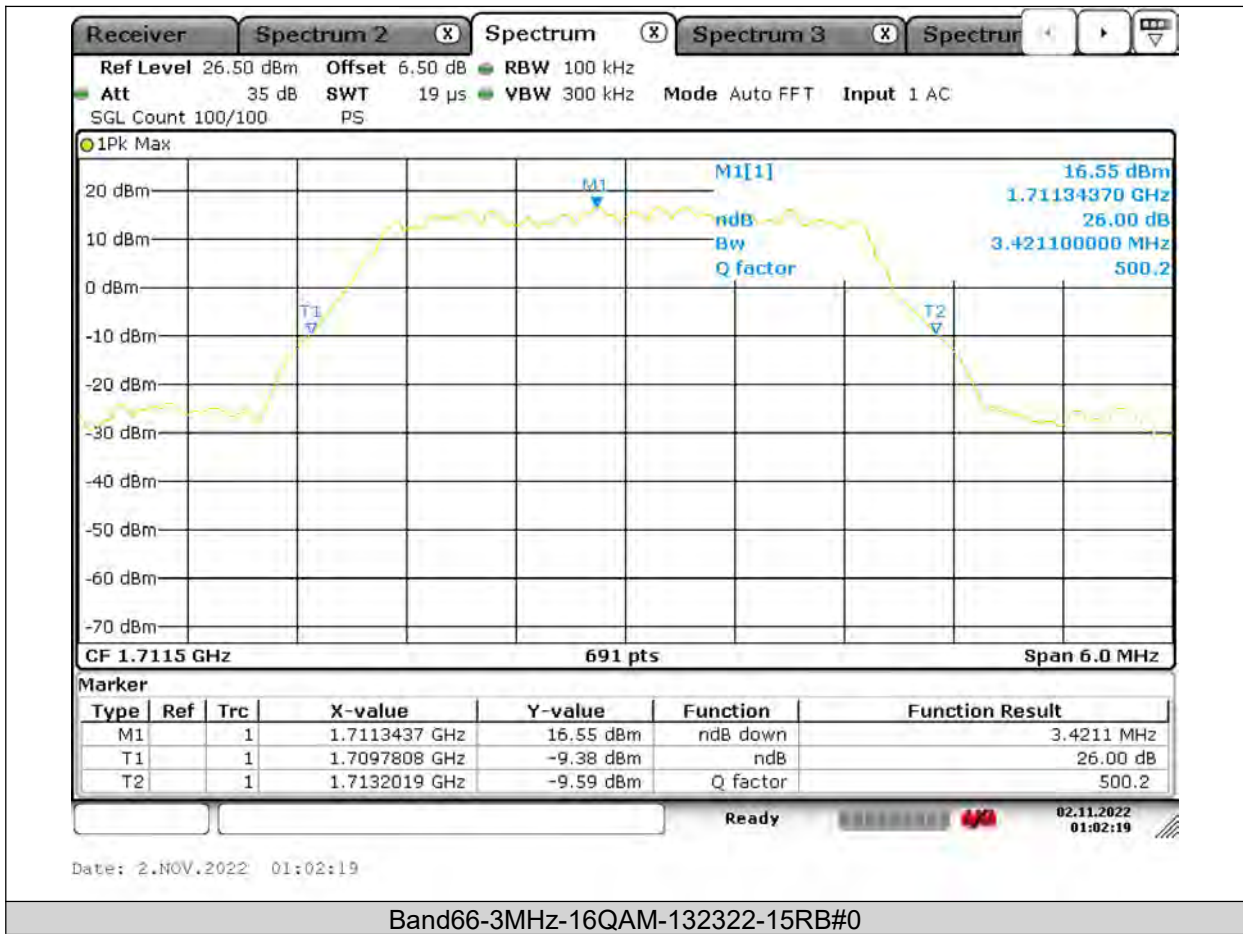
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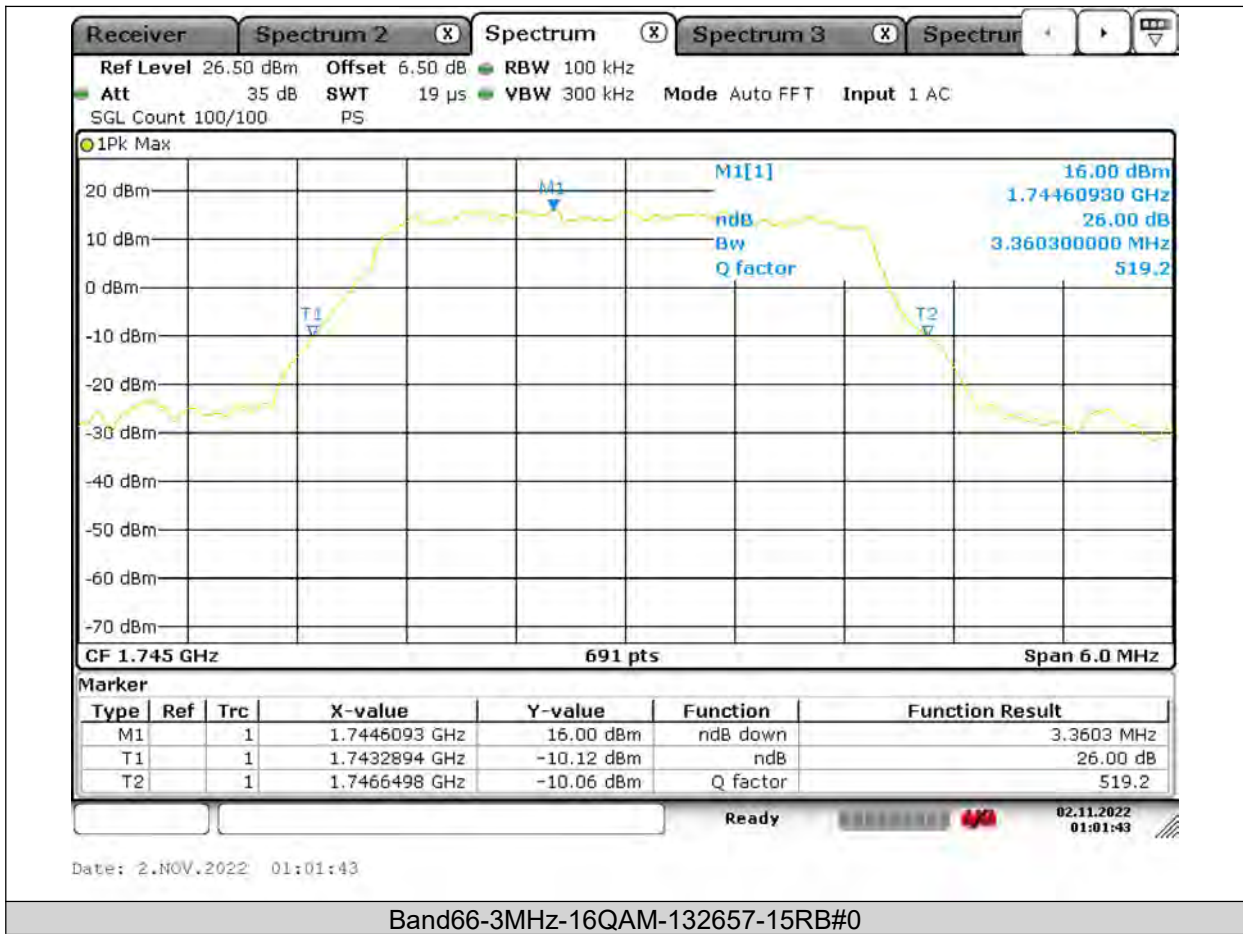
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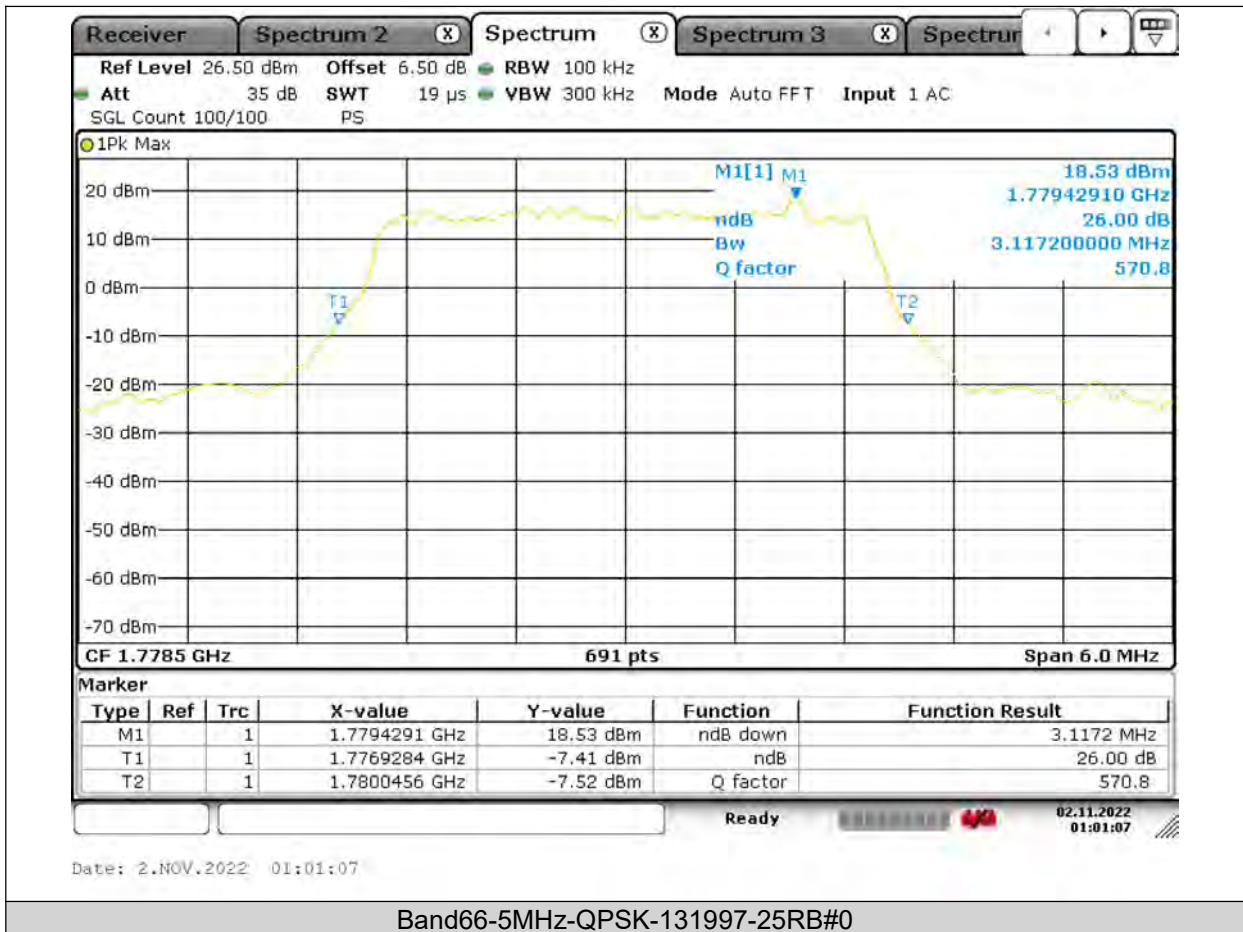
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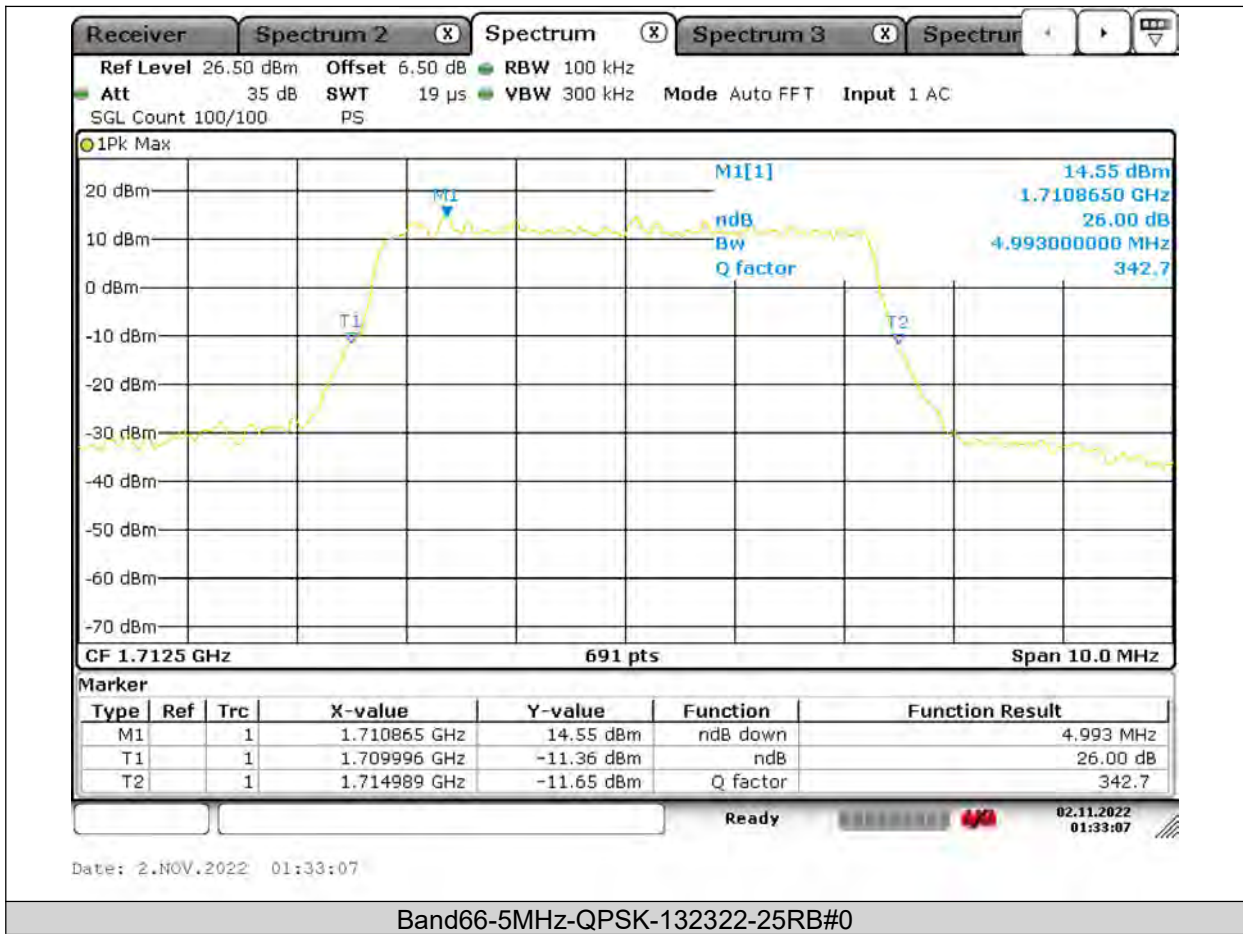
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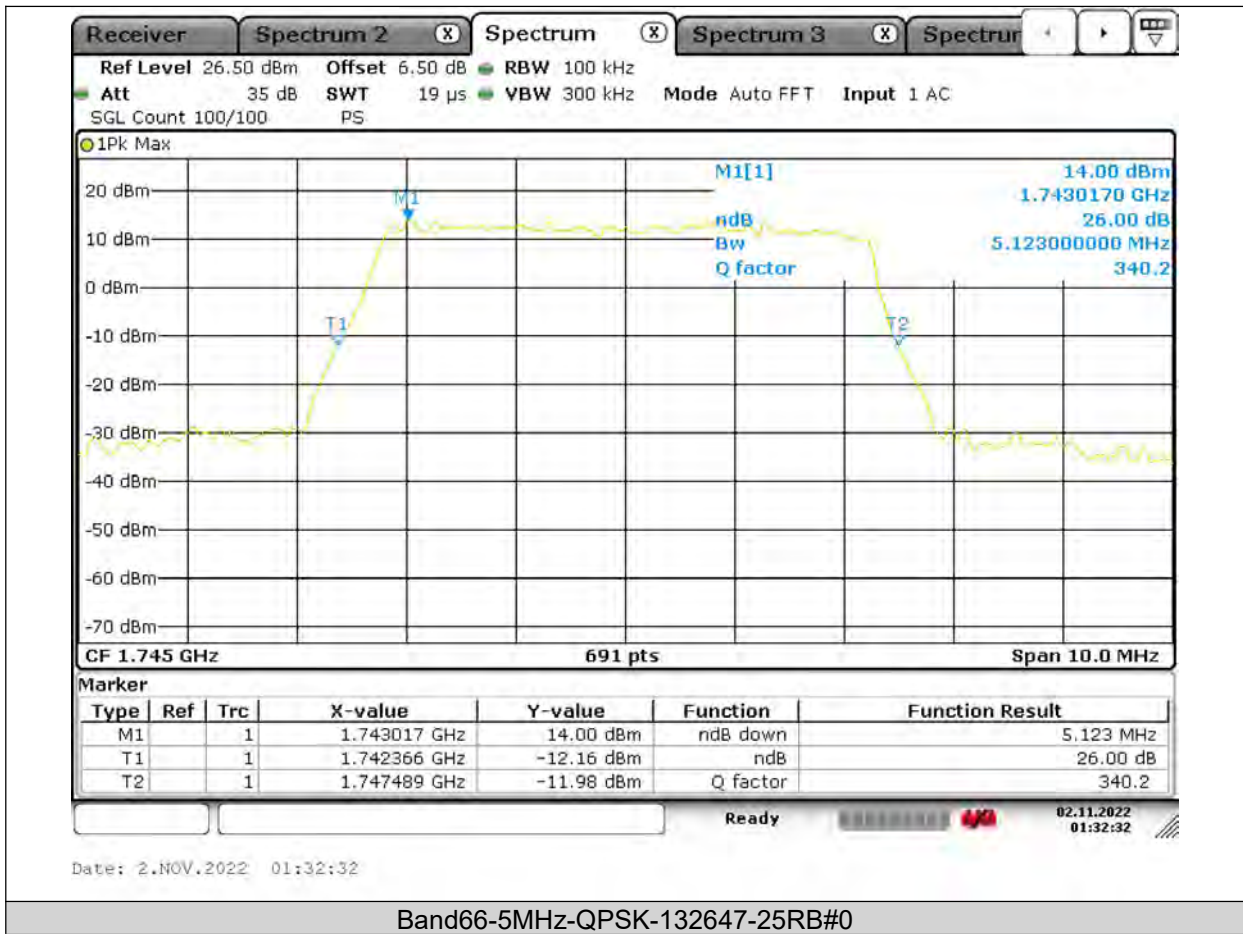
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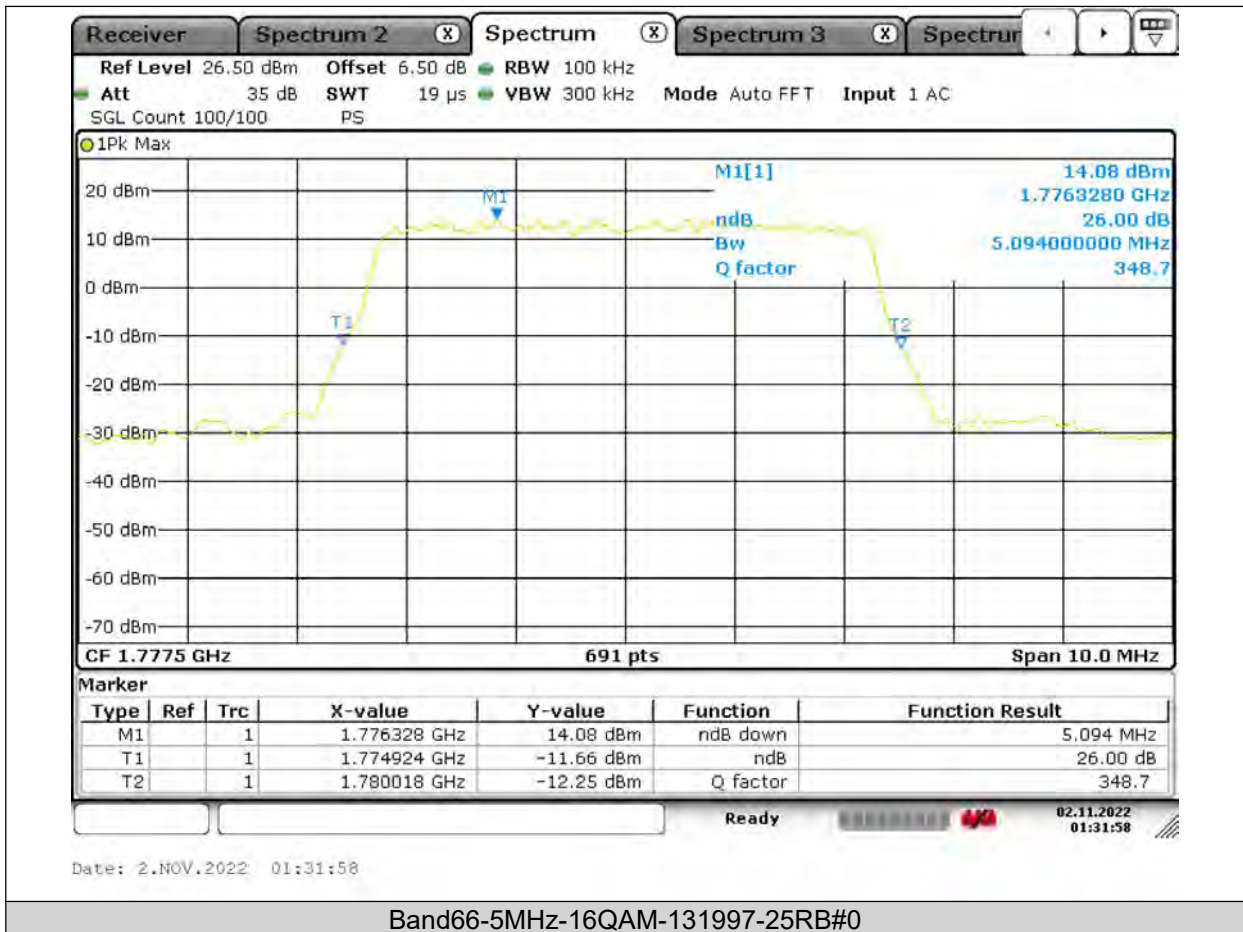






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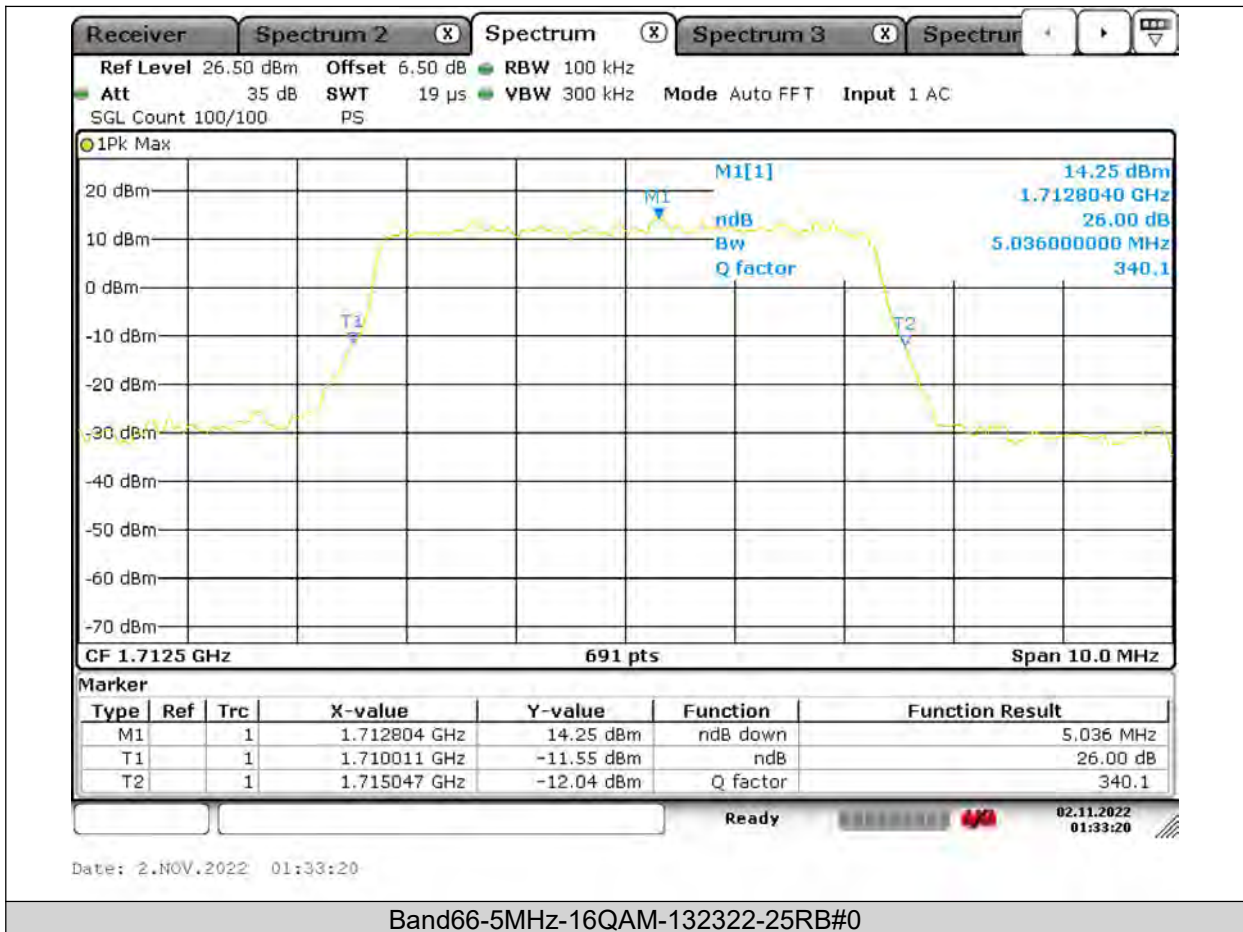
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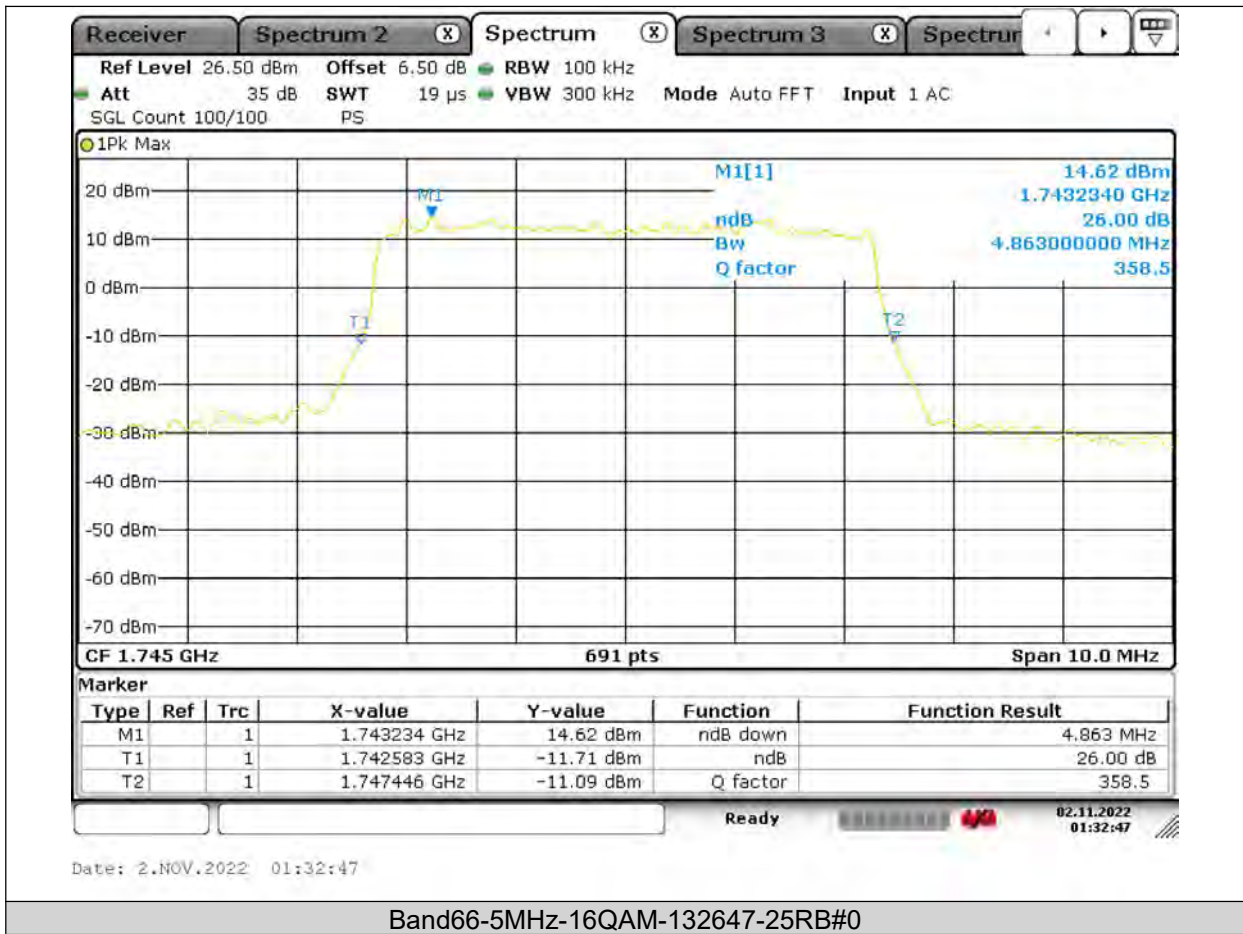
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VERITAS

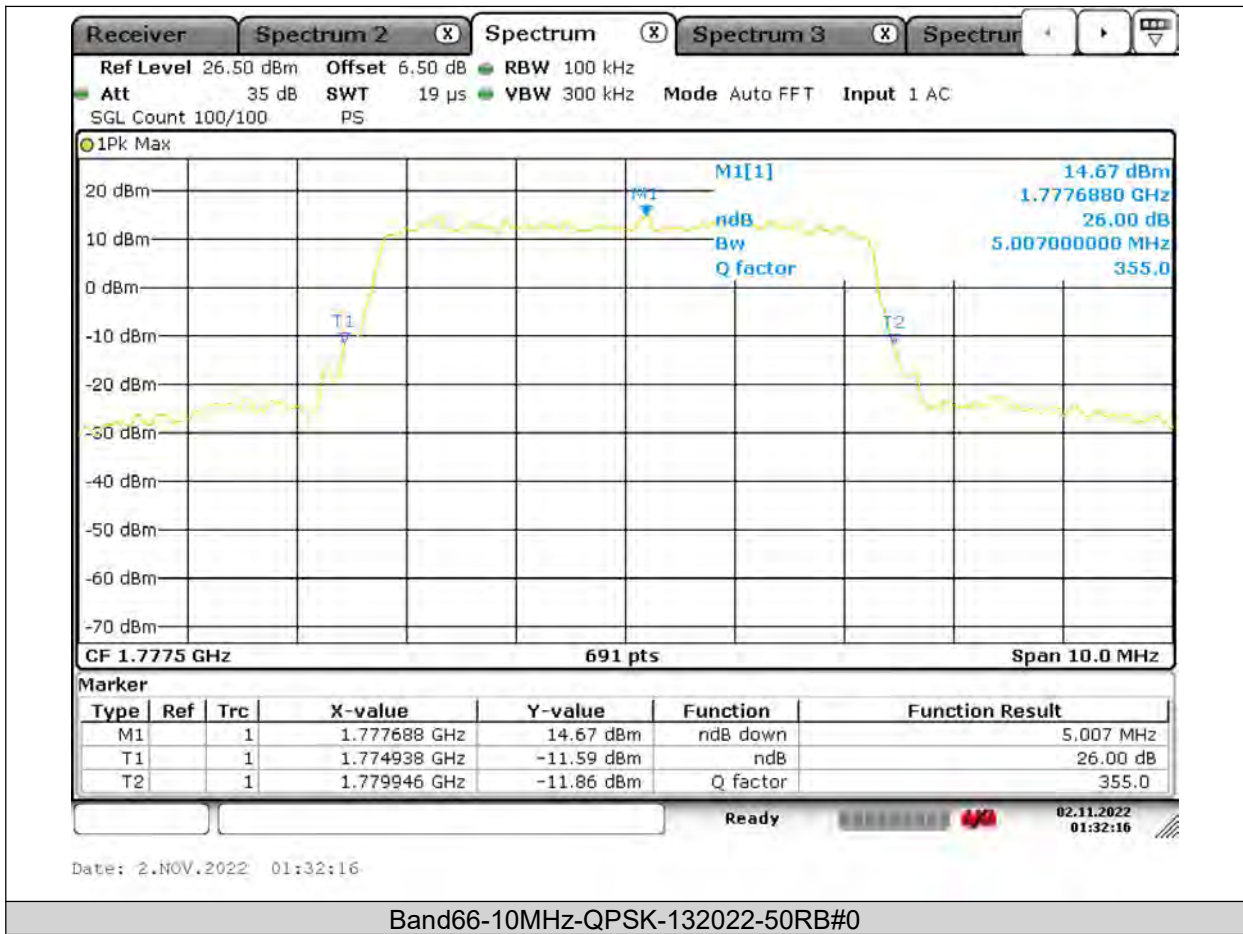
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BUREAU VERITAS

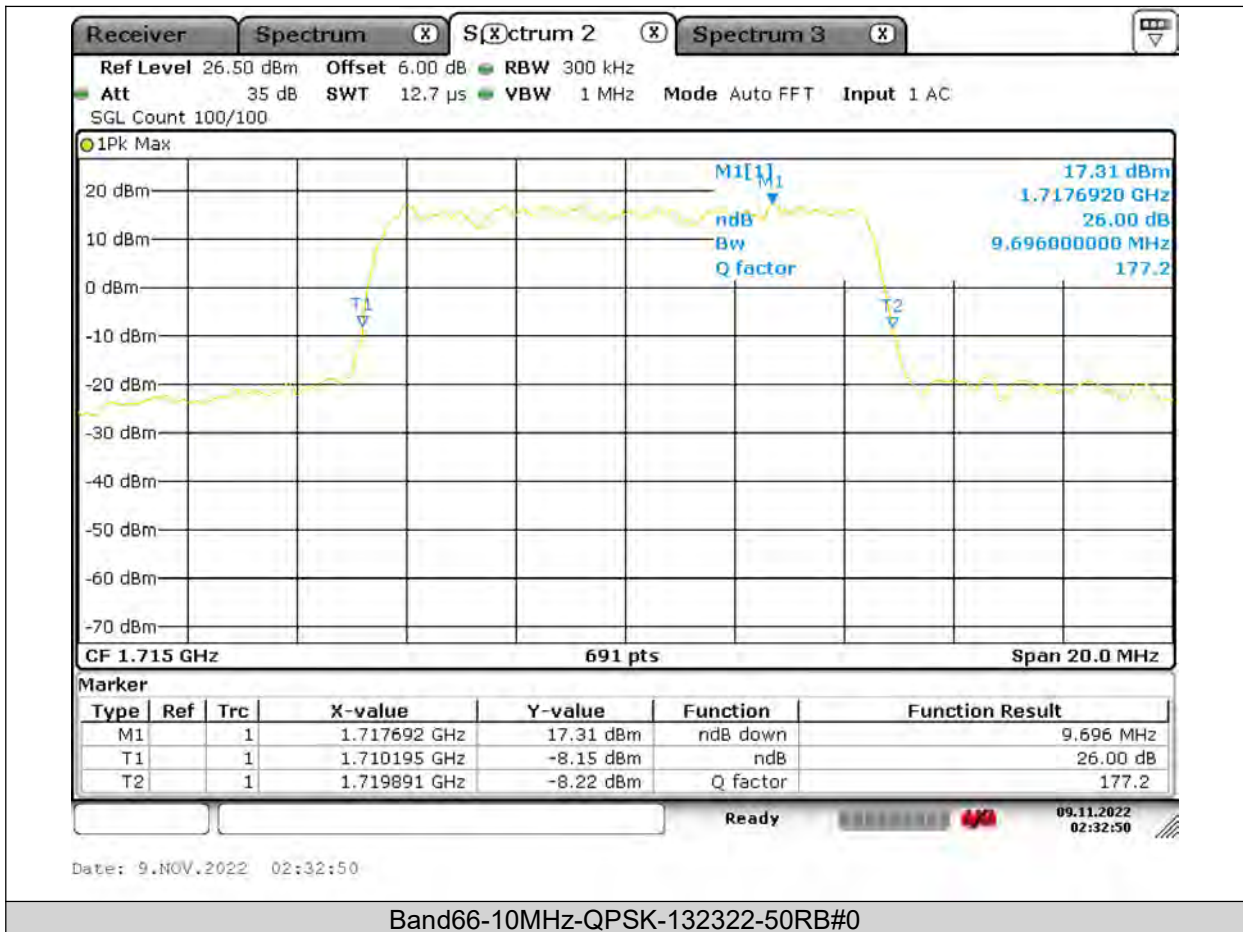
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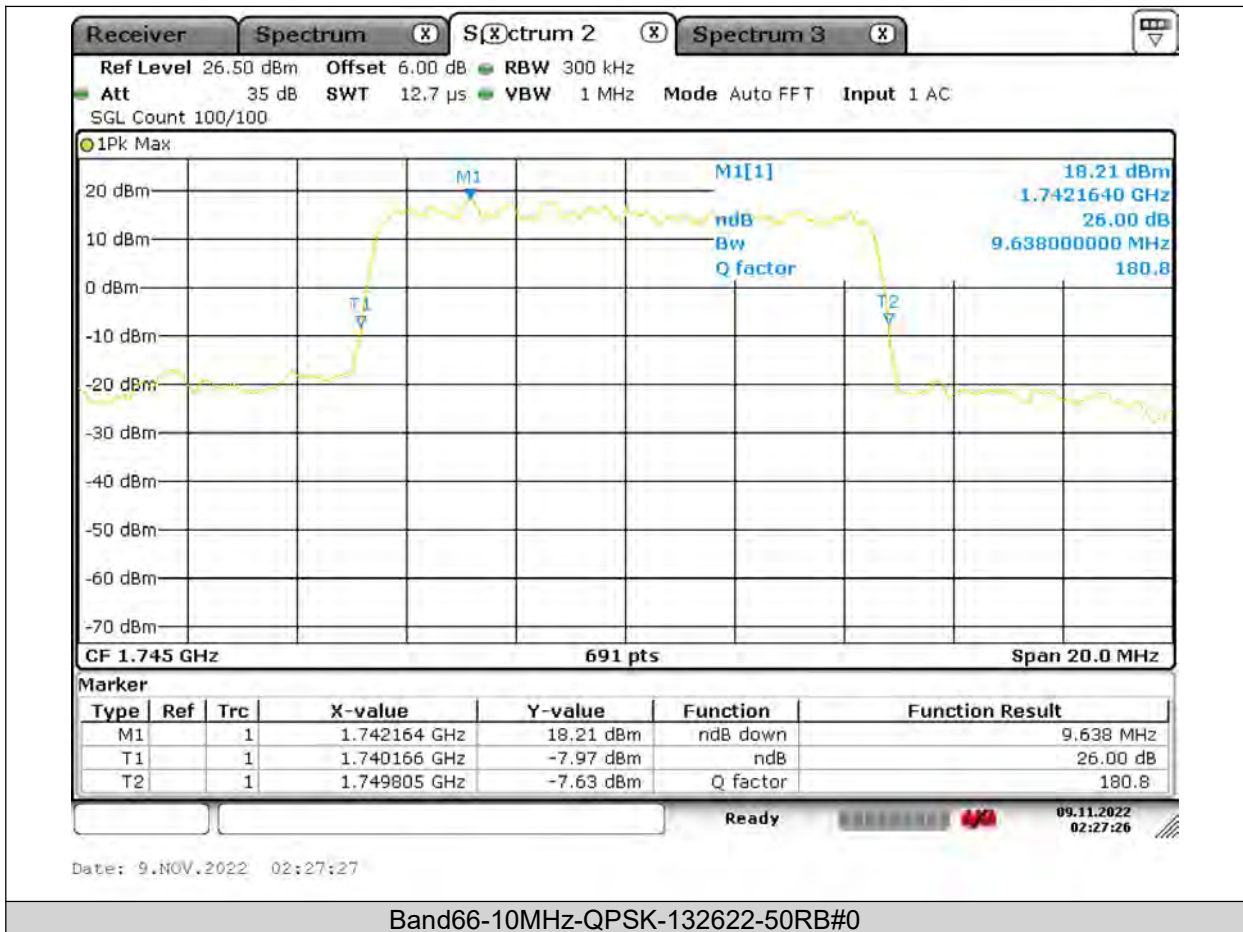
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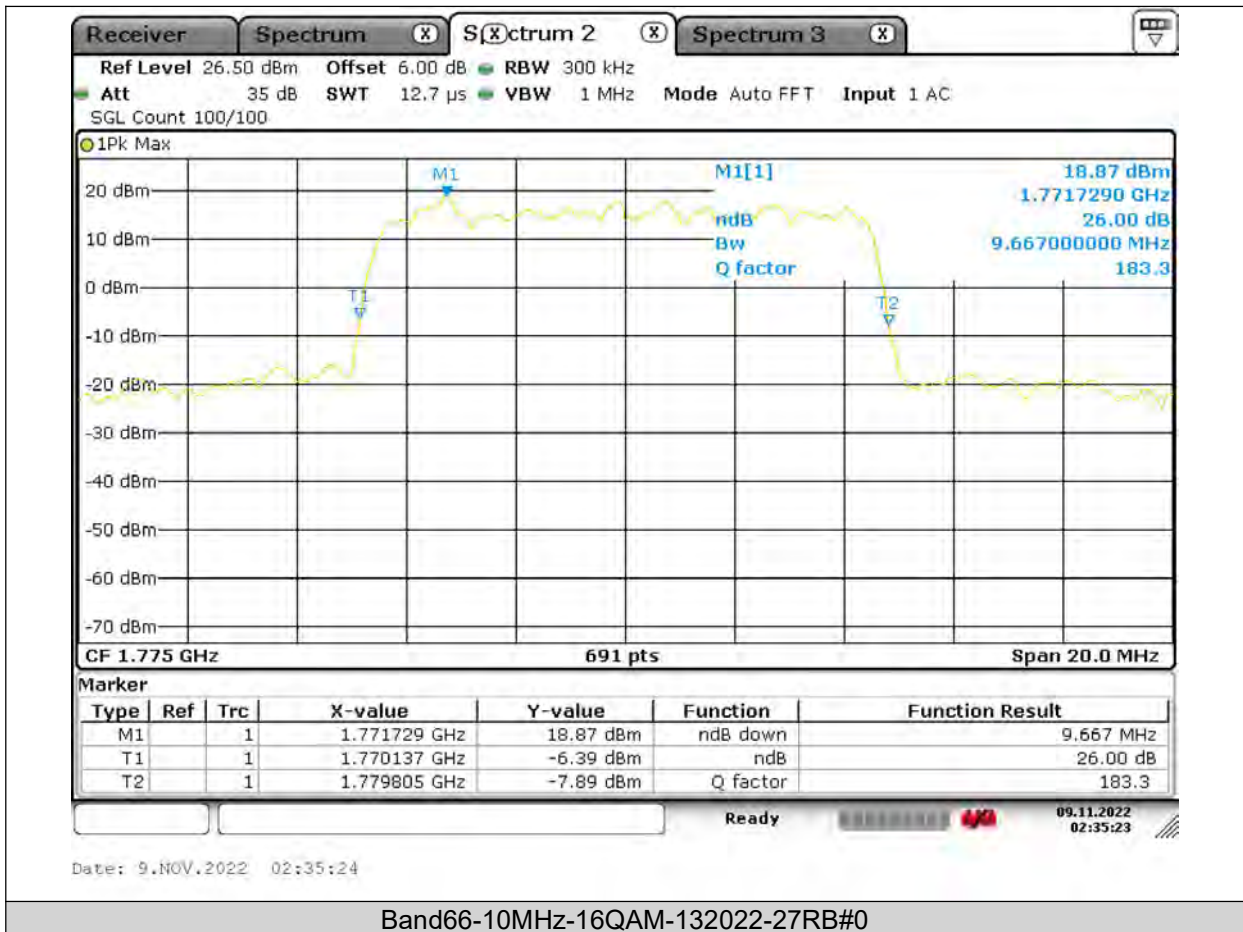
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**BUREAU  
VERITAS**

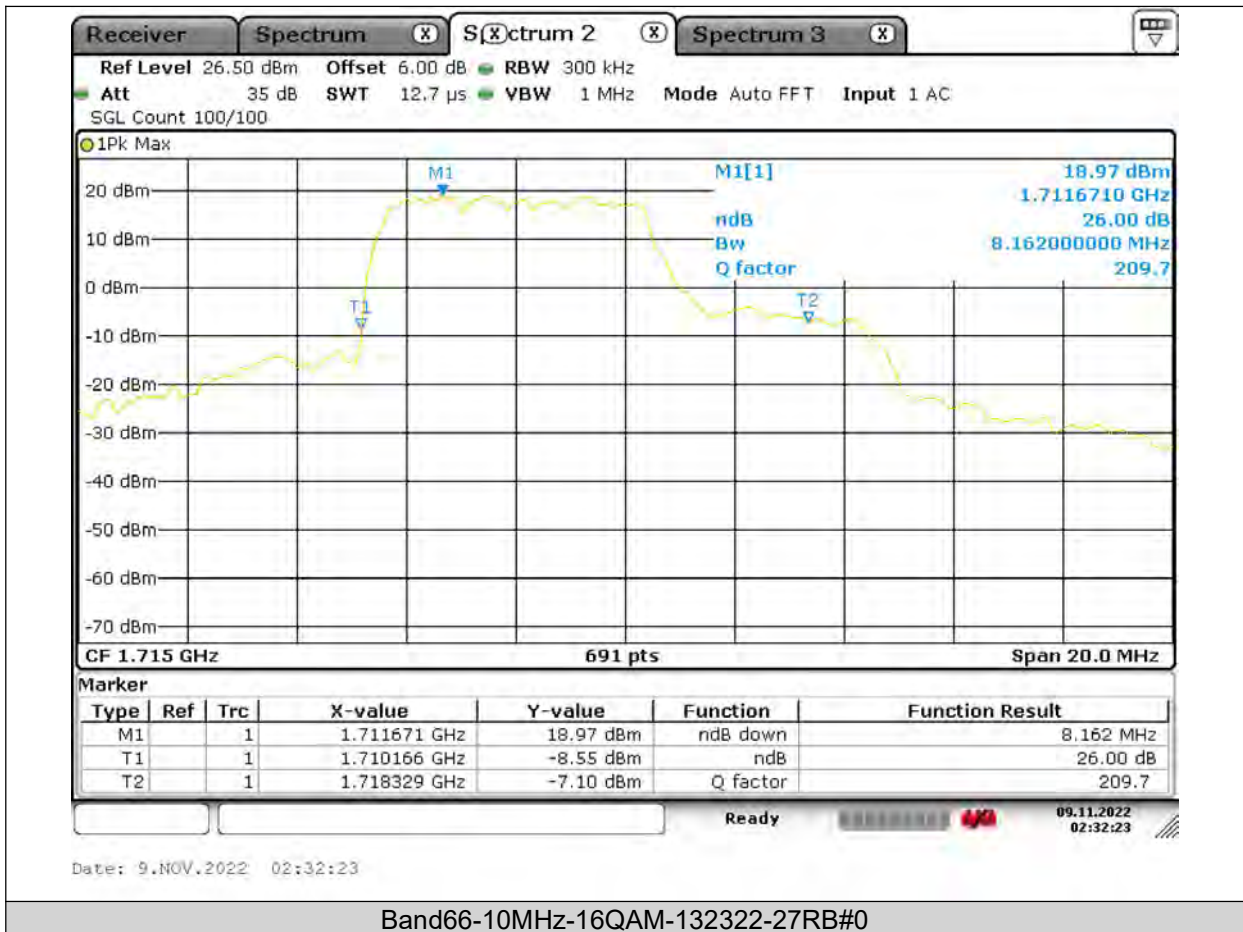
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BUREAU VERITAS

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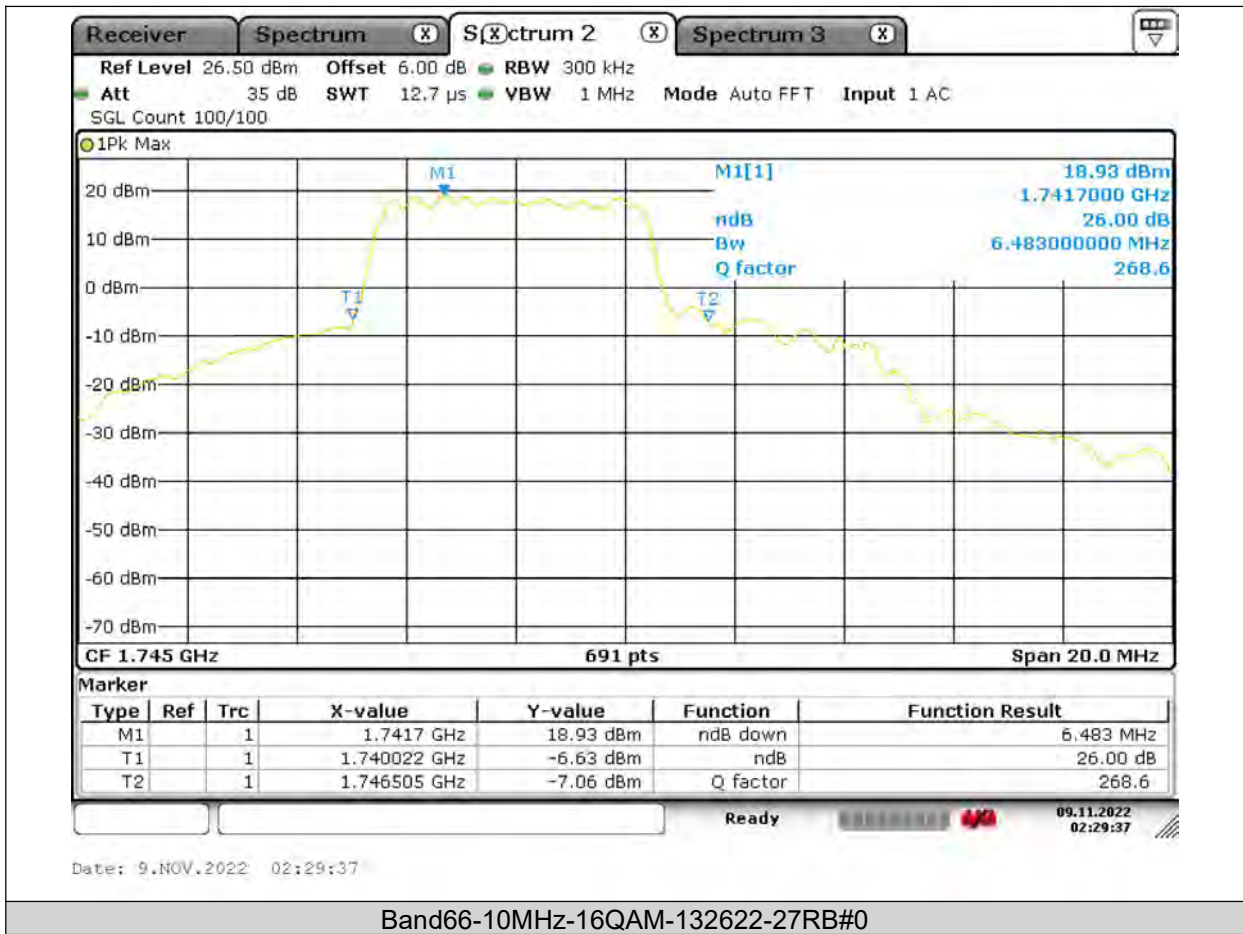






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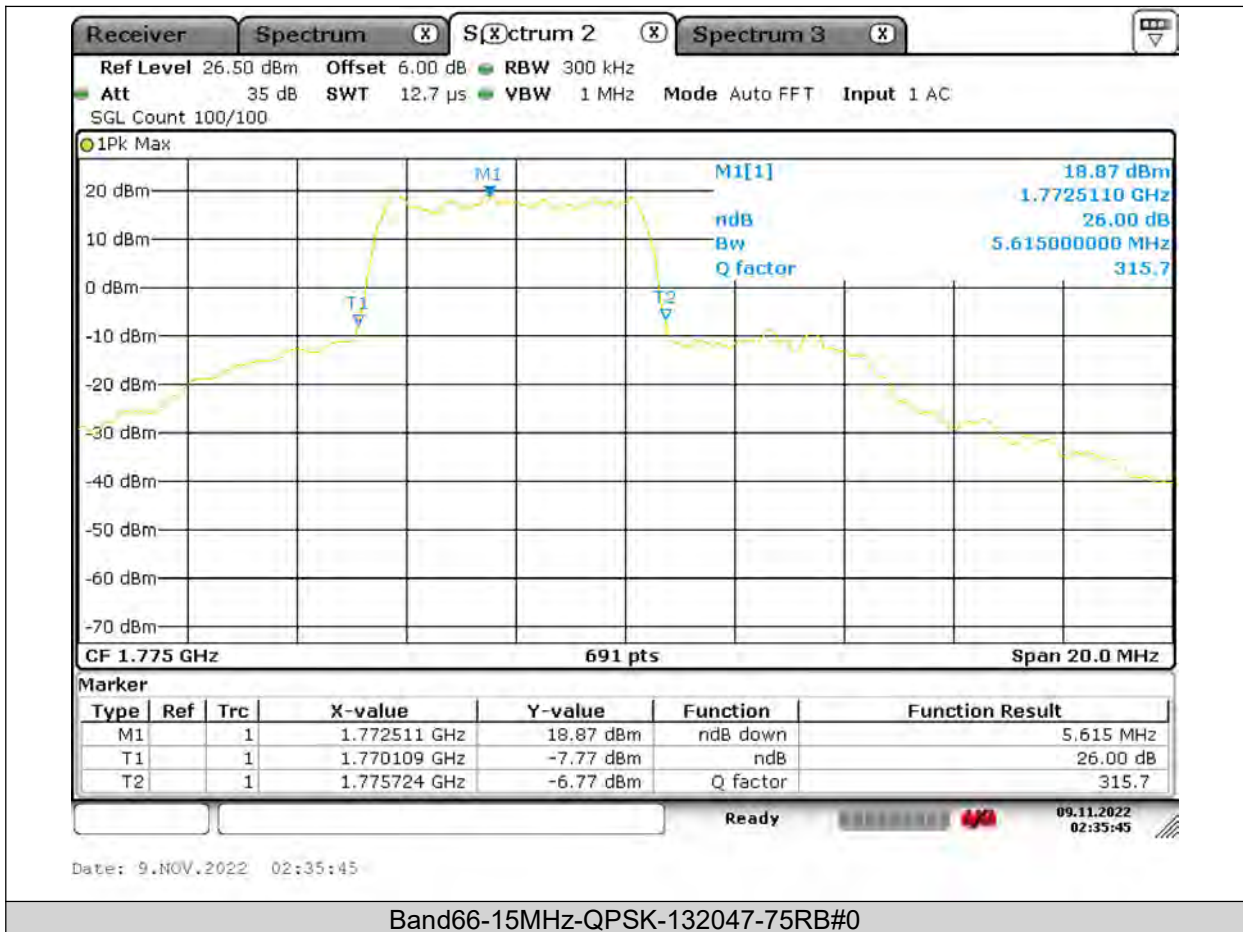
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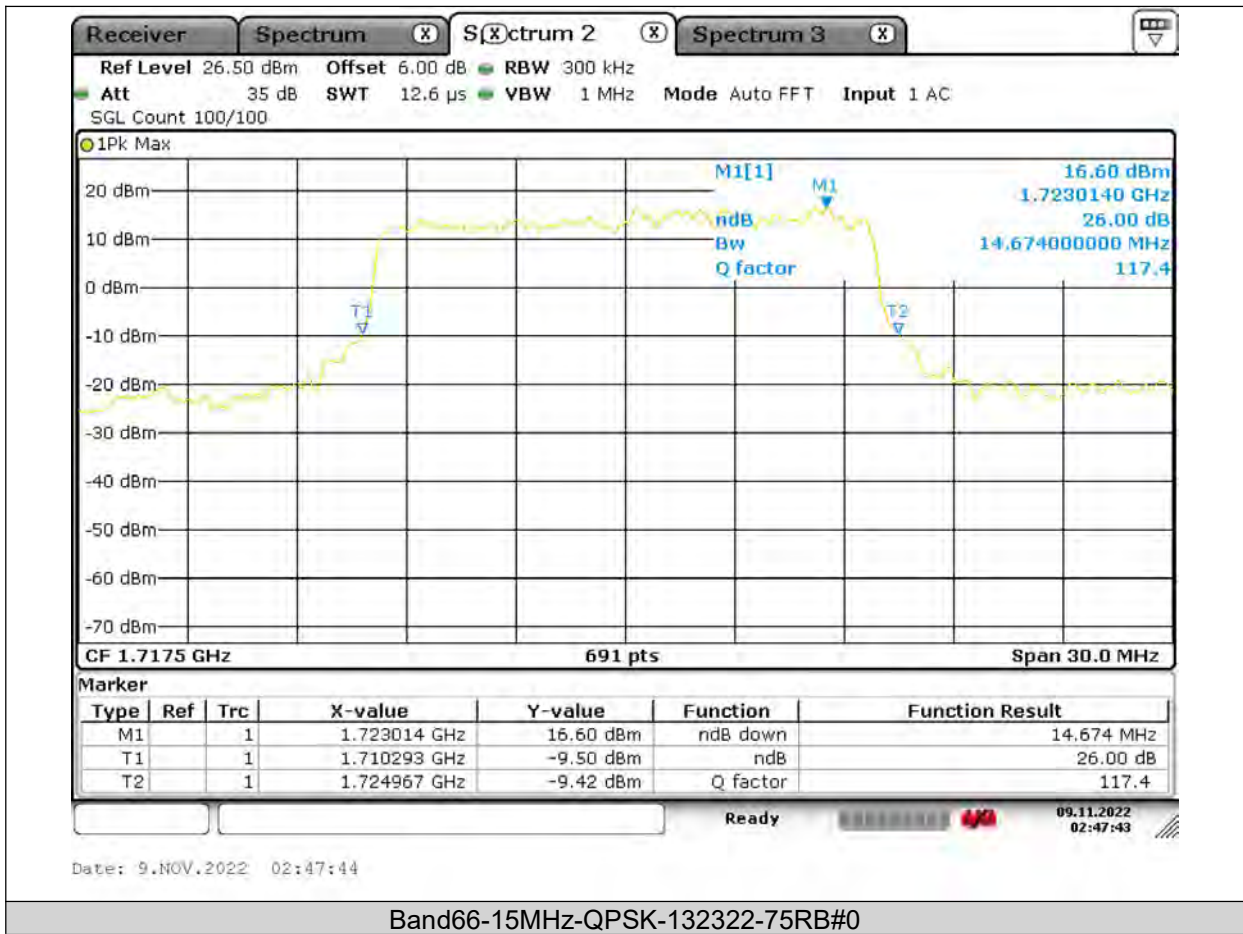
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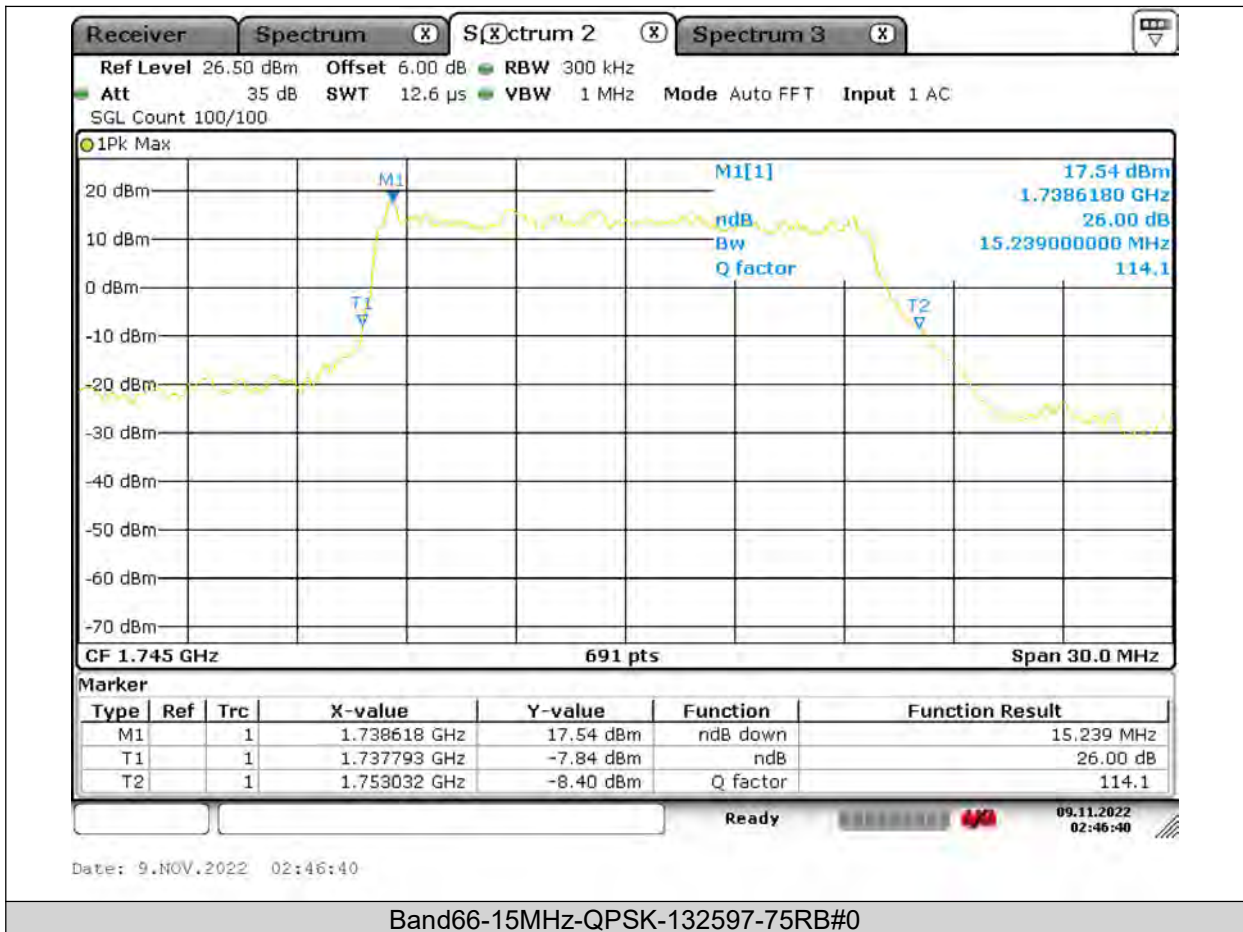
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BUREAU  
VERITAS

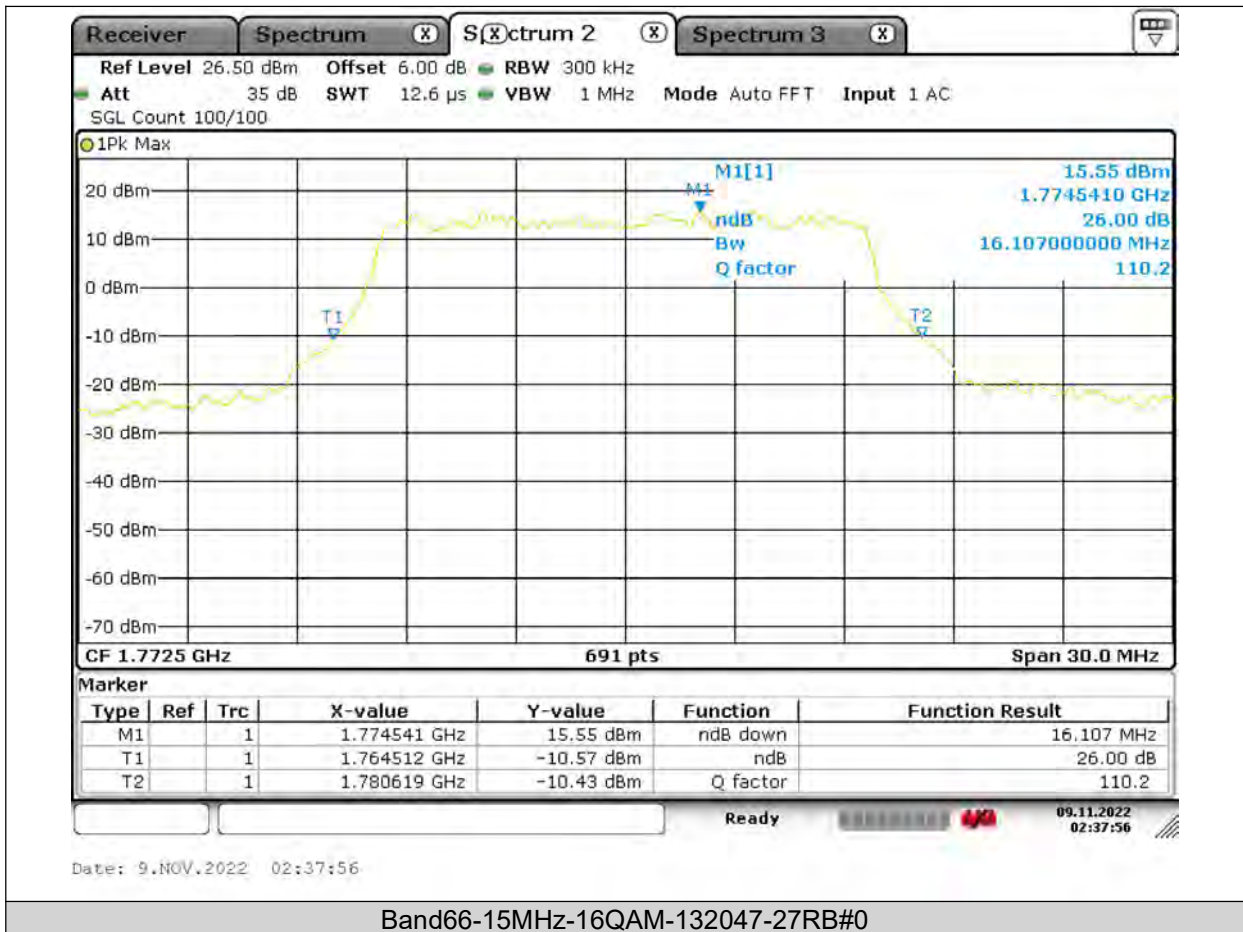
Test Report No.: PSU-NQN2204290110RF03





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VERITAS

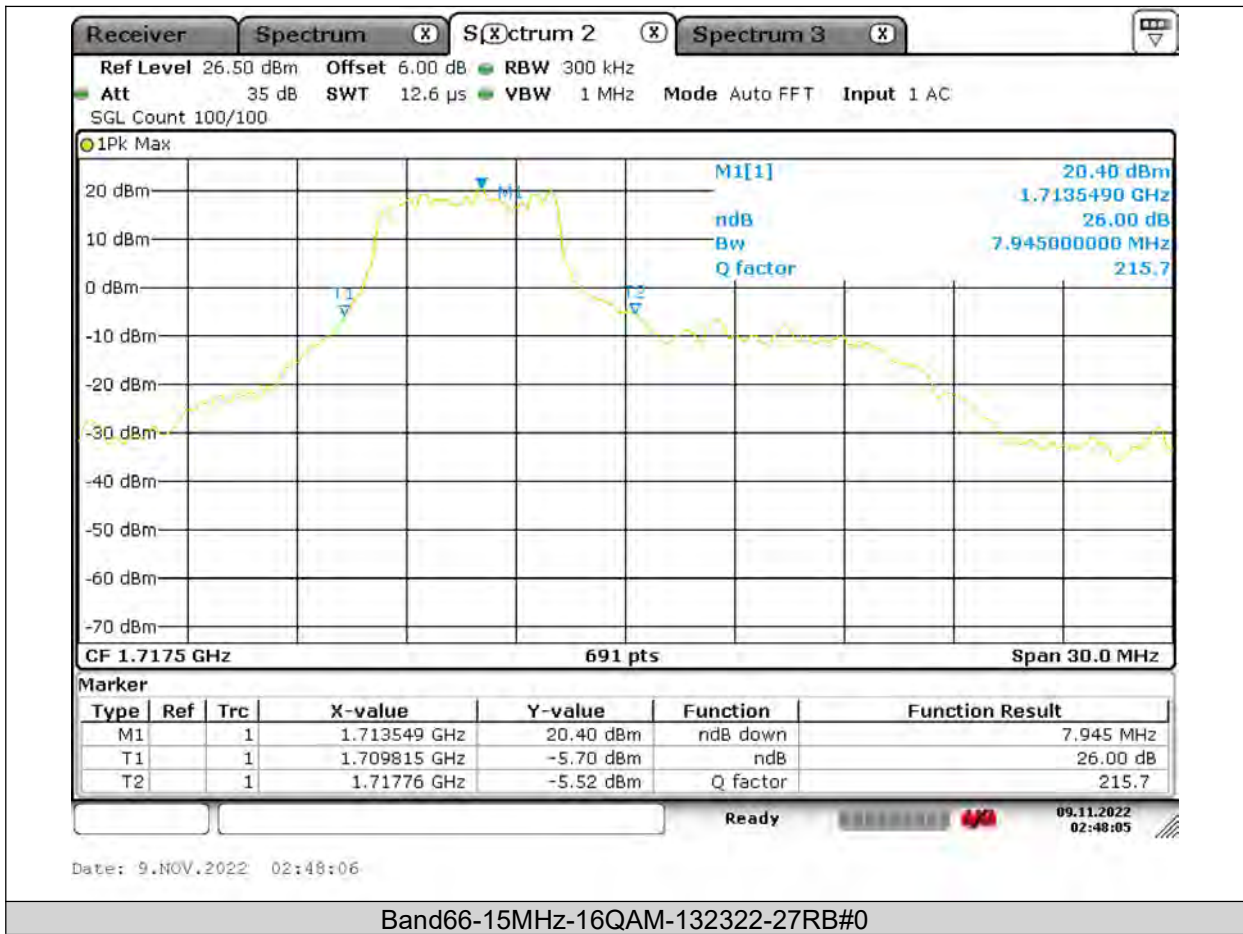
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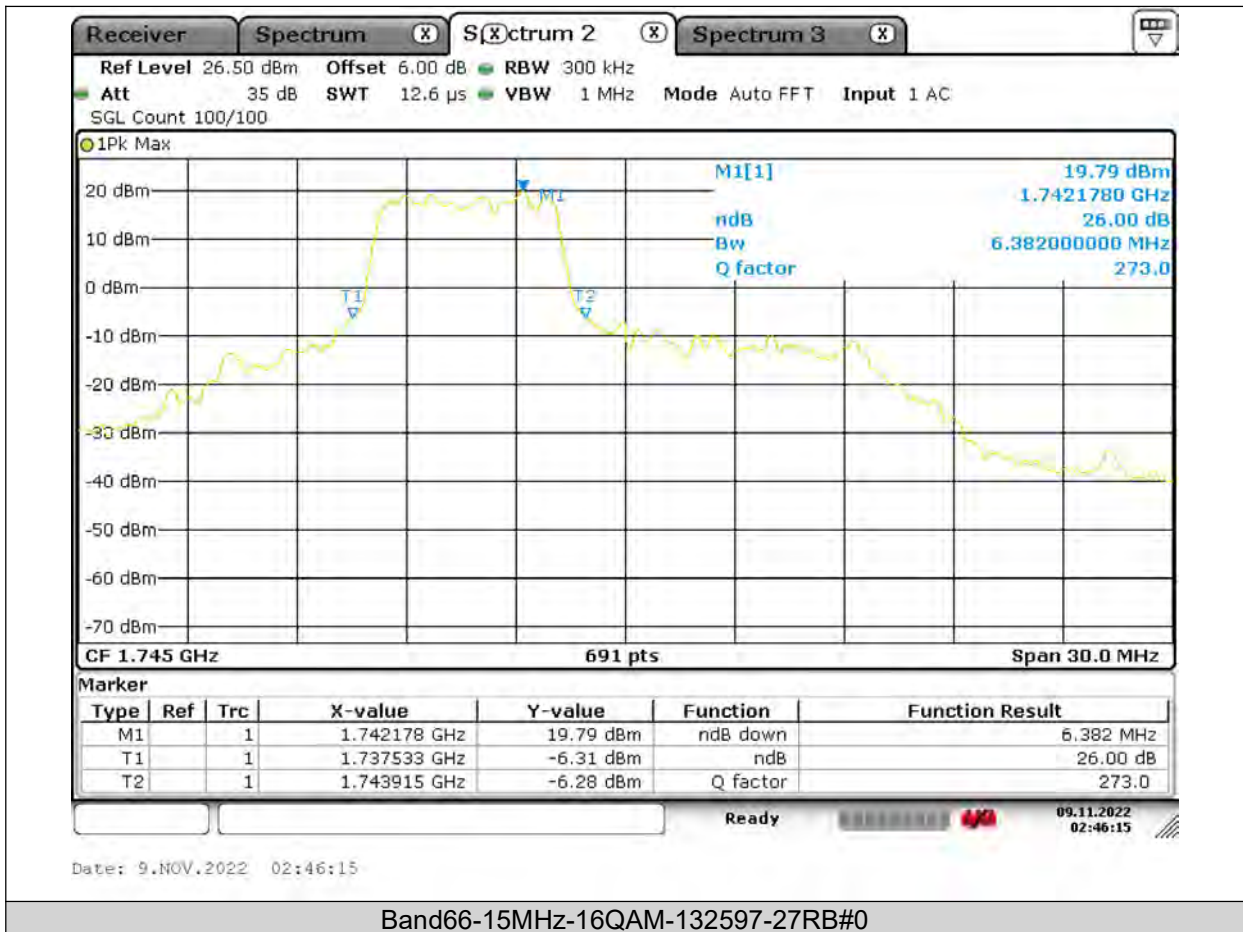
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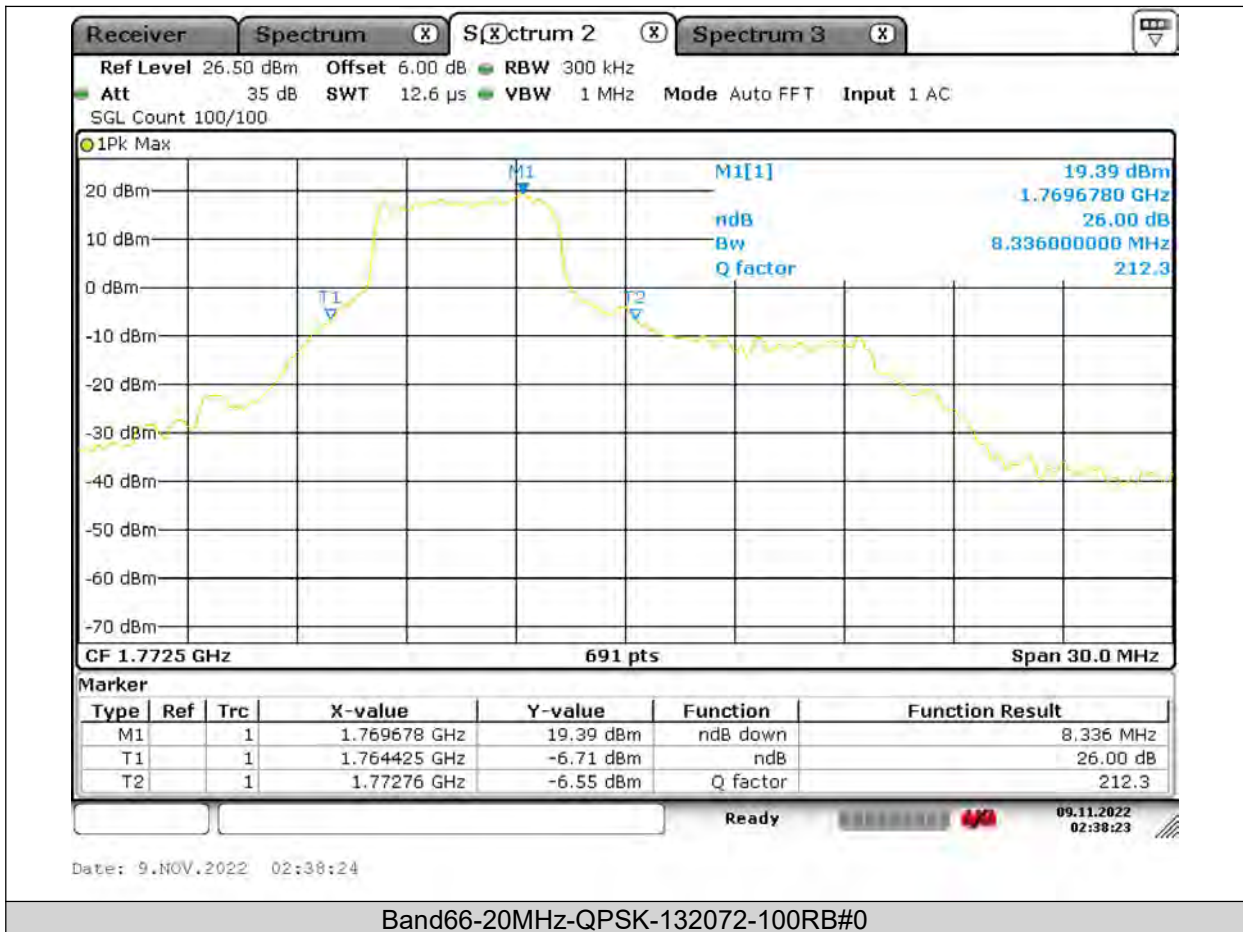
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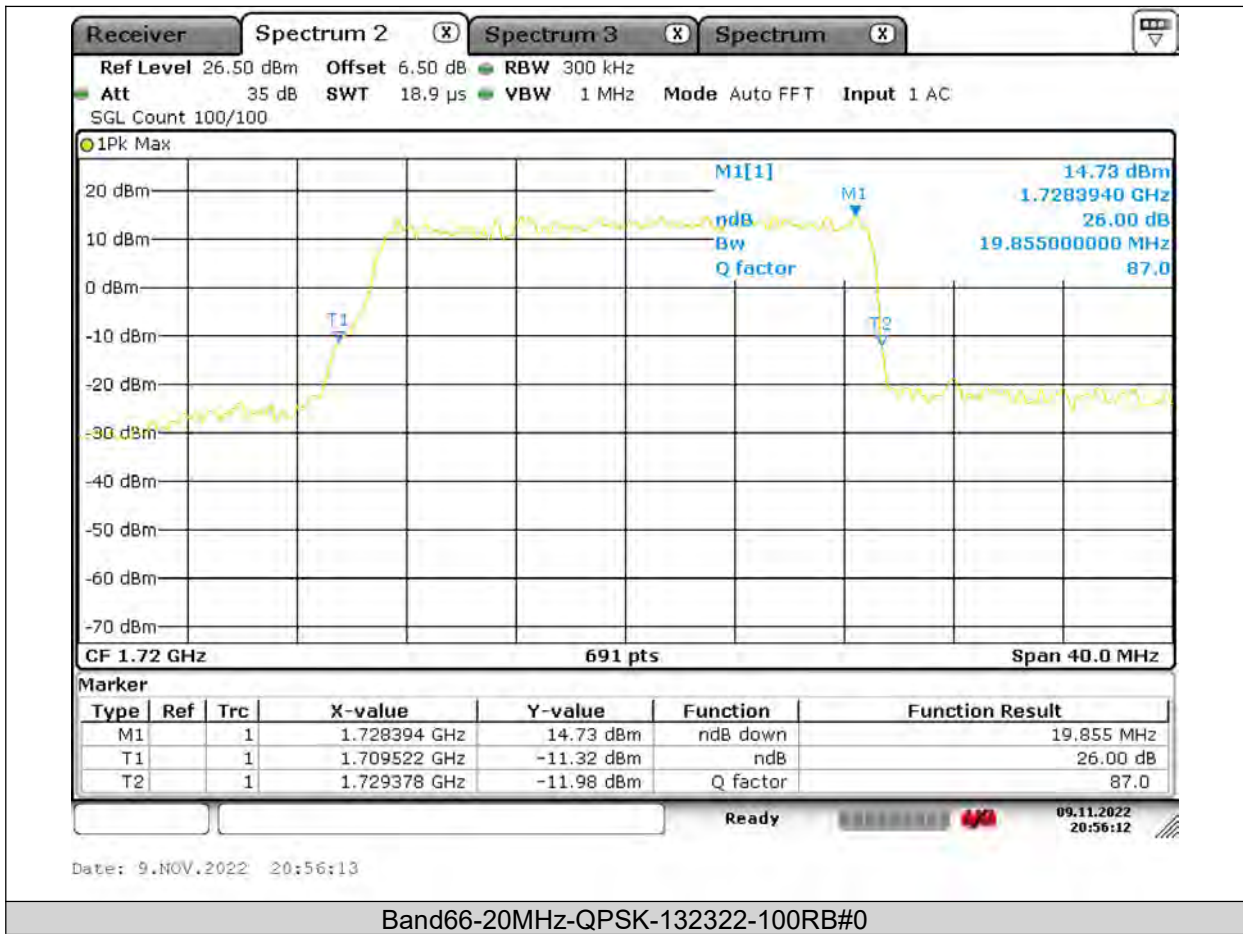






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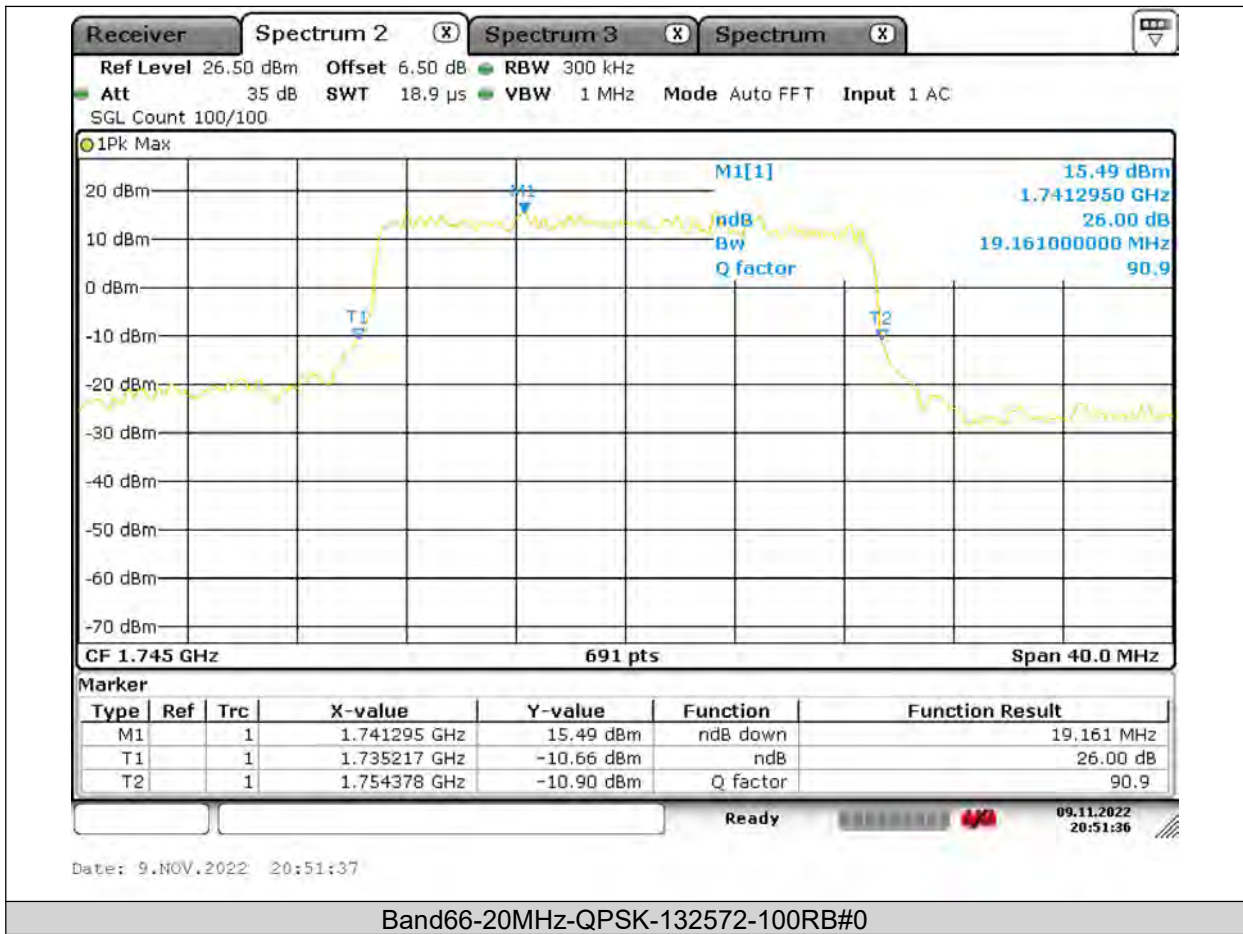
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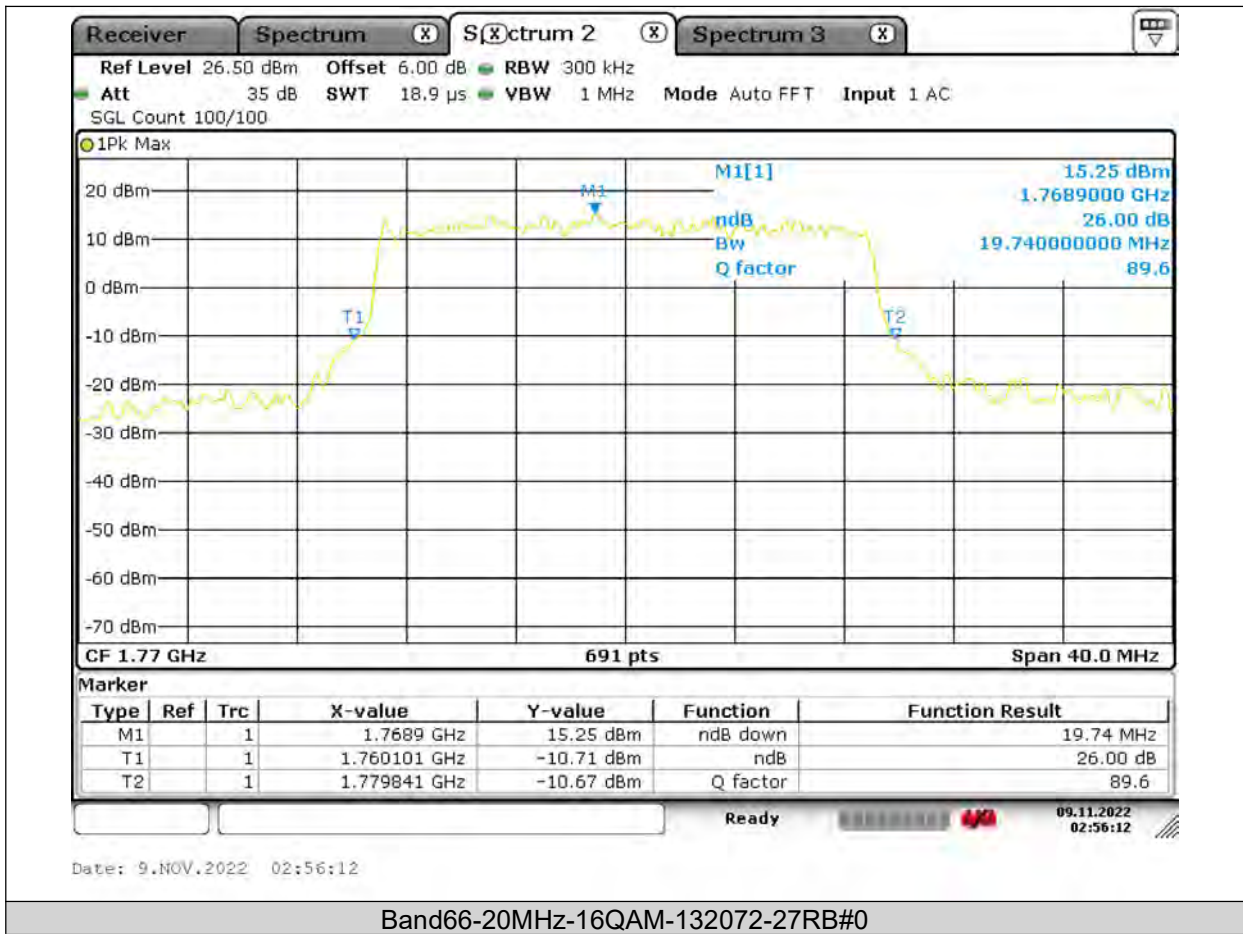
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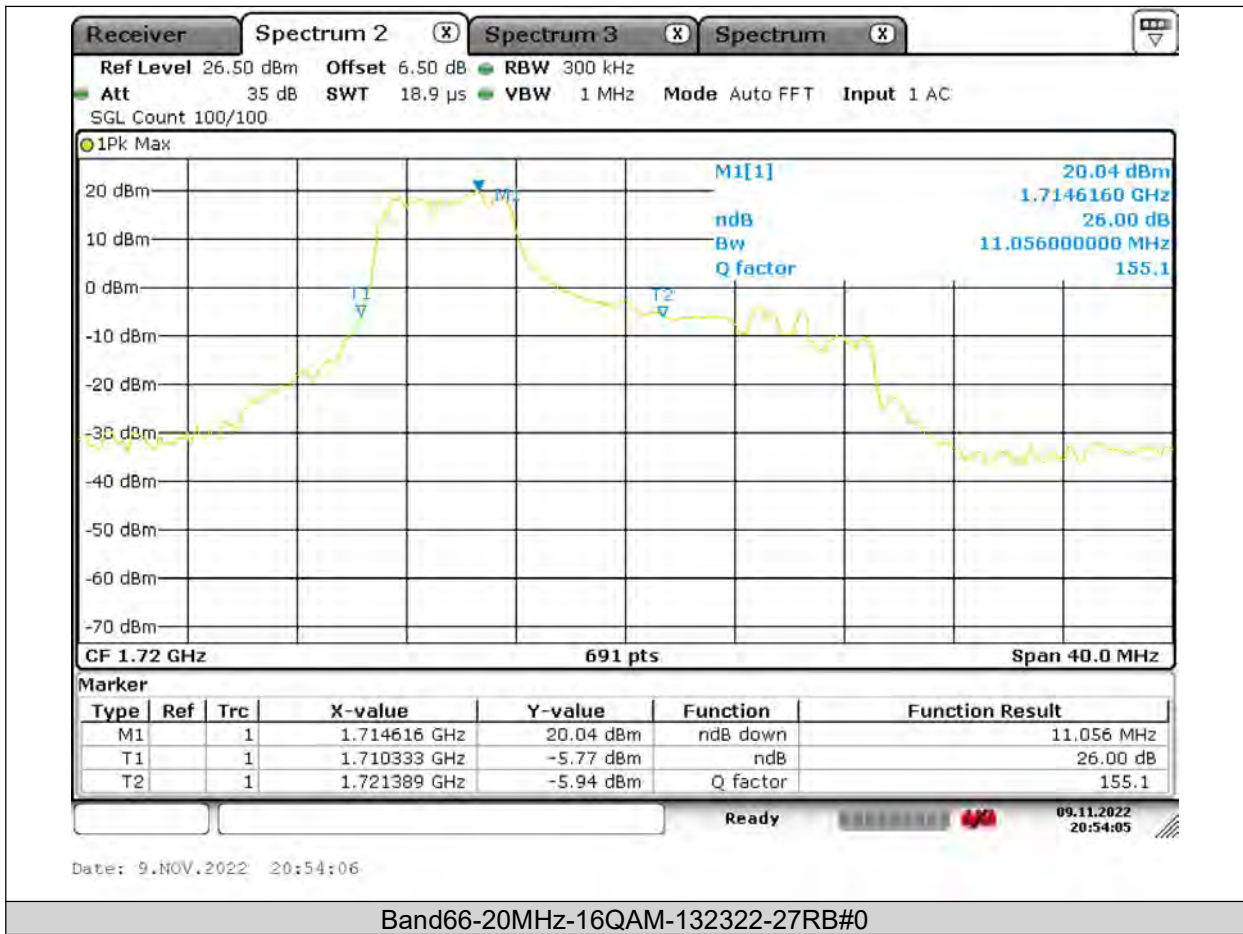
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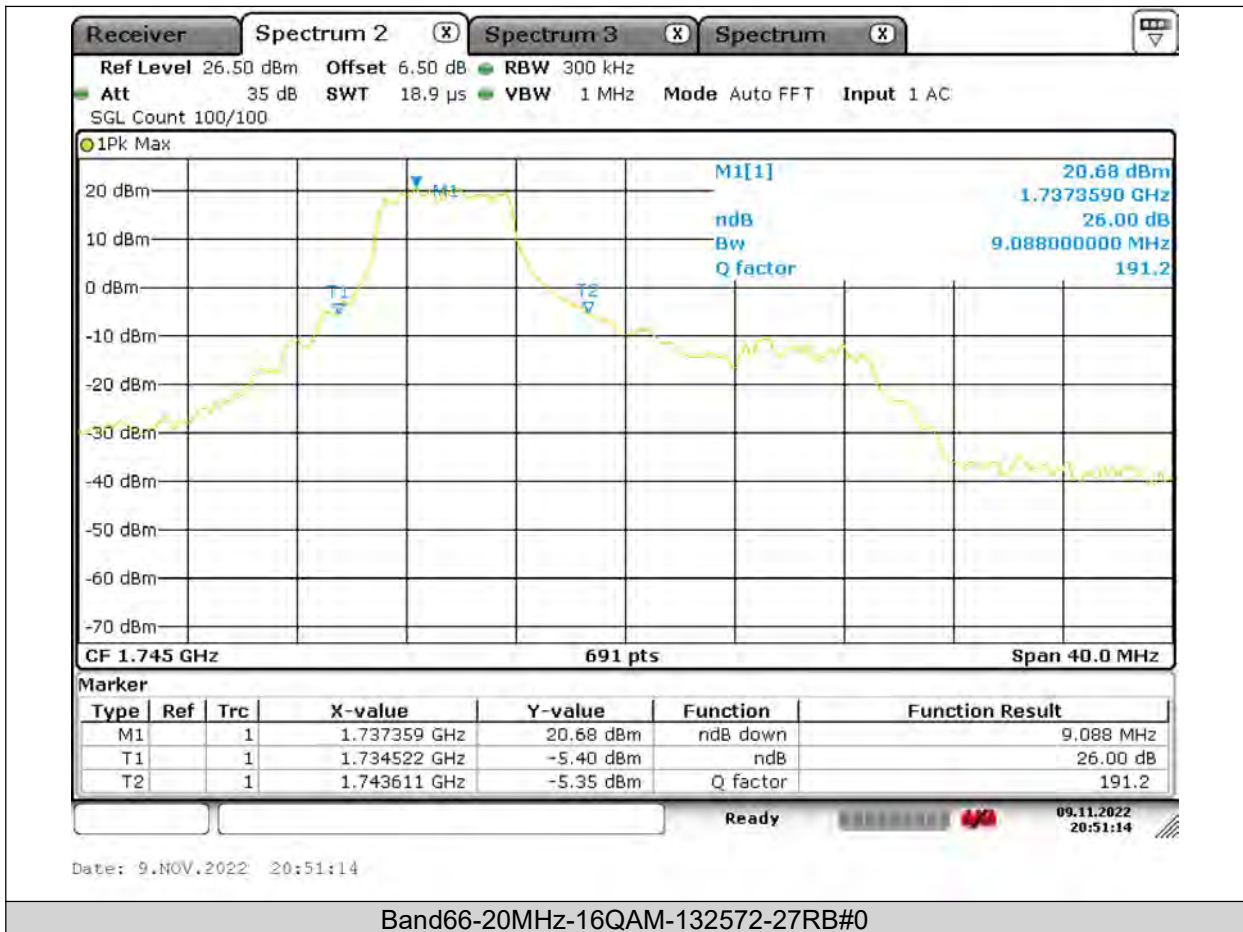
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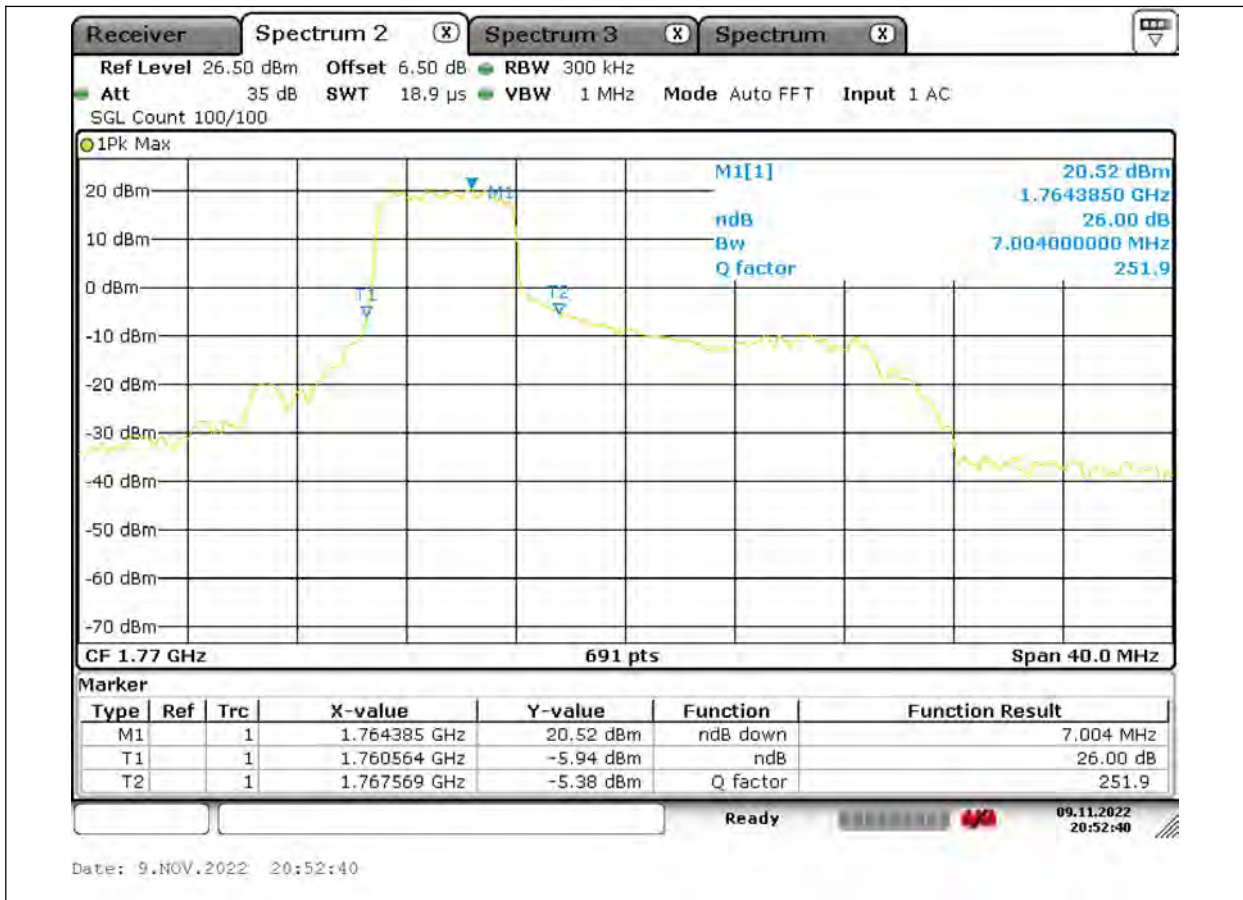
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BUREAU VERITAS

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## BAND EDGE

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	-24.42	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	-28.31	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	-23.88	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-27.93	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	-24.19	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-27.88	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	-24.14	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-27.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	-26.33	PASS
Band66	3MHz	QPSK	131987	15RB#0	-26.32	PASS
Band66	3MHz	QPSK	132657	1RB#14	-24.18	PASS
Band66	3MHz	QPSK	132657	15RB#0	-28.15	PASS
Band66	3MHz	16QAM	131987	1RB#0	-25.76	PASS
Band66	3MHz	16QAM	131987	15RB#0	-24.82	PASS
Band66	3MHz	16QAM	132657	1RB#14	-23.55	PASS
Band66	3MHz	16QAM	132657	15RB#0	-26.21	PASS
Band66	5MHz	QPSK	131997	1RB#0	-32.61	PASS
Band66	5MHz	QPSK	131997	25RB#0	-31.02	PASS
Band66	5MHz	QPSK	132647	1RB#24	-29.77	PASS
Band66	5MHz	QPSK	132647	25RB#0	-30.13	PASS
Band66	5MHz	16QAM	131997	1RB#0	-33.12	PASS
Band66	5MHz	16QAM	131997	25RB#0	-29.96	PASS
Band66	5MHz	16QAM	132647	1RB#24	-29.73	PASS
Band66	5MHz	16QAM	132647	25RB#0	-27.08	PASS
Band66	10MHz	QPSK	132022	1RB#0	-30.06	PASS
Band66	10MHz	QPSK	132022	50RB#0	-21.85	PASS
Band66	10MHz	QPSK	132622	1RB#49	-33.08	PASS
Band66	10MHz	QPSK	132622	50RB#0	-23.66	PASS
Band66	10MHz	16QAM	132022	1RB#0	-30.56	PASS
Band66	10MHz	16QAM	132022	27RB#0	-20.26	PASS
Band66	10MHz	16QAM	132622	1RB#49	-31.72	PASS
Band66	10MHz	16QAM	132622	27RB#23	-20.96	PASS
Band66	15MHz	QPSK	132047	1RB#0	-16.9	PASS
Band66	15MHz	QPSK	132047	75RB#0	-23.38	PASS
Band66	15MHz	QPSK	132597	1RB#74	-15.81	PASS
Band66	15MHz	QPSK	132597	75RB#0	-22.19	PASS
Band66	15MHz	16QAM	132047	1RB#0	-16.87	PASS
Band66	15MHz	16QAM	132047	27RB#0	-21.23	PASS
Band66	15MHz	16QAM	132597	1RB#74	-16.08	PASS
Band66	15MHz	16QAM	132597	27RB#48	-16.43	PASS
Band66	20MHz	QPSK	132072	1RB#0	-27.28	PASS
Band66	20MHz	QPSK	132072	100RB#0	-27.52	PASS
Band66	20MHz	QPSK	132572	1RB#99	-36.62	PASS
Band66	20MHz	QPSK	132572	100RB#0	-23.3	PASS
Band66	20MHz	16QAM	132072	1RB#0	-27.42	PASS

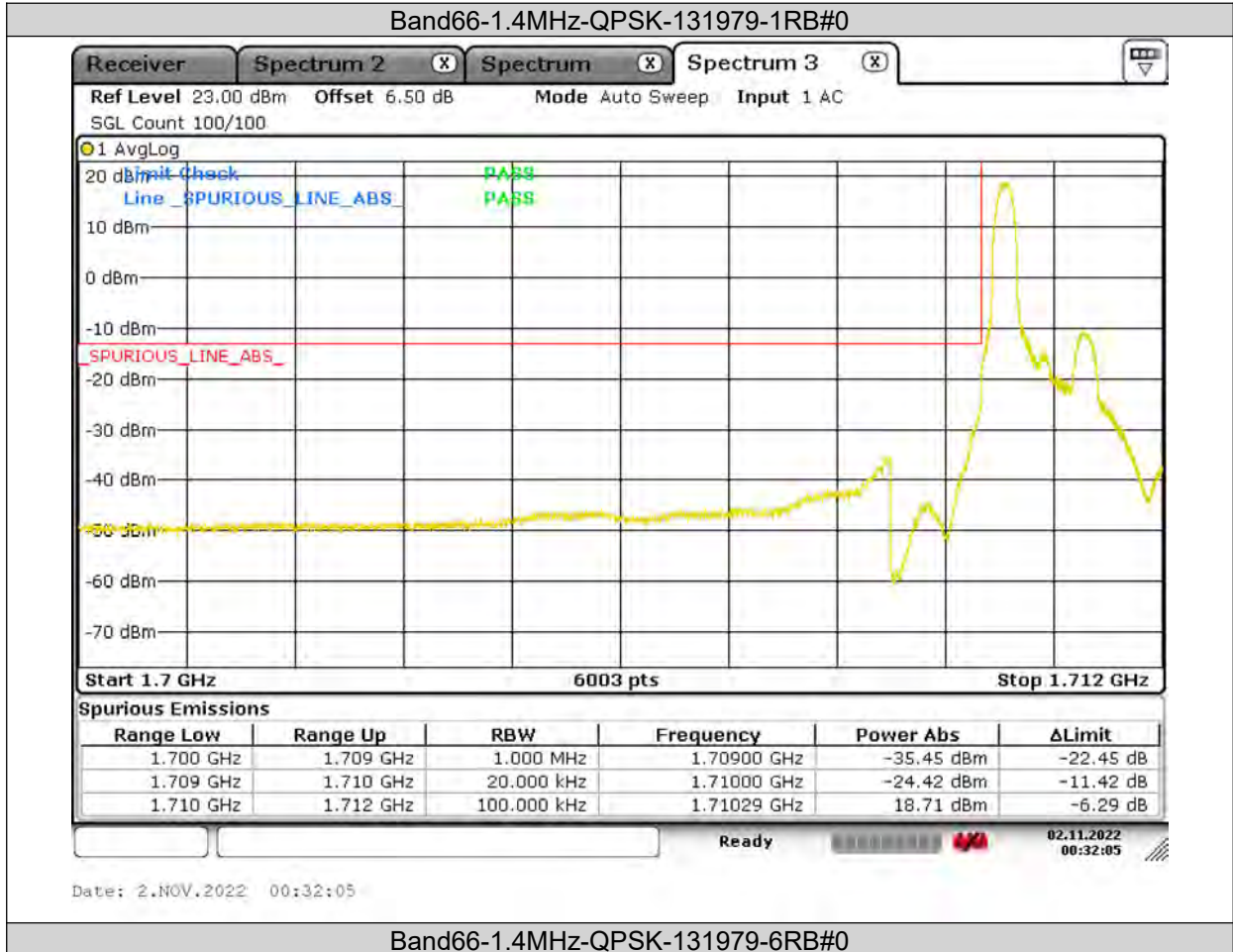


**BUREAU  
VERITAS**

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Band66	20MHz	16QAM	132072	27RB#0	-25.60	PASS
Band66	20MHz	16QAM	132572	1RB#99	-36.39	PASS
Band66	20MHz	16QAM	132572	27RB#73	-19.84	PASS

**Test Graphs**

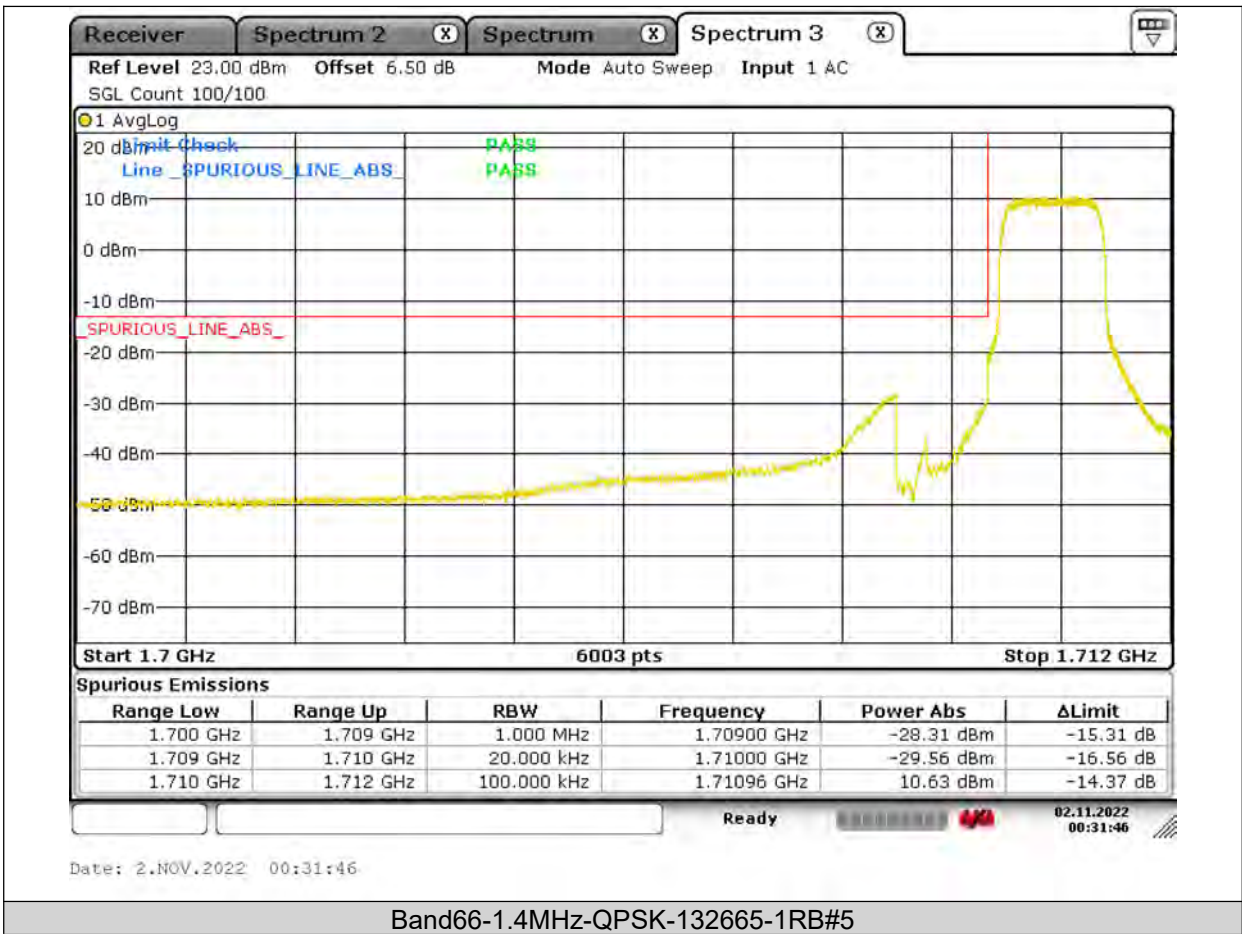






BUREAU VERITAS

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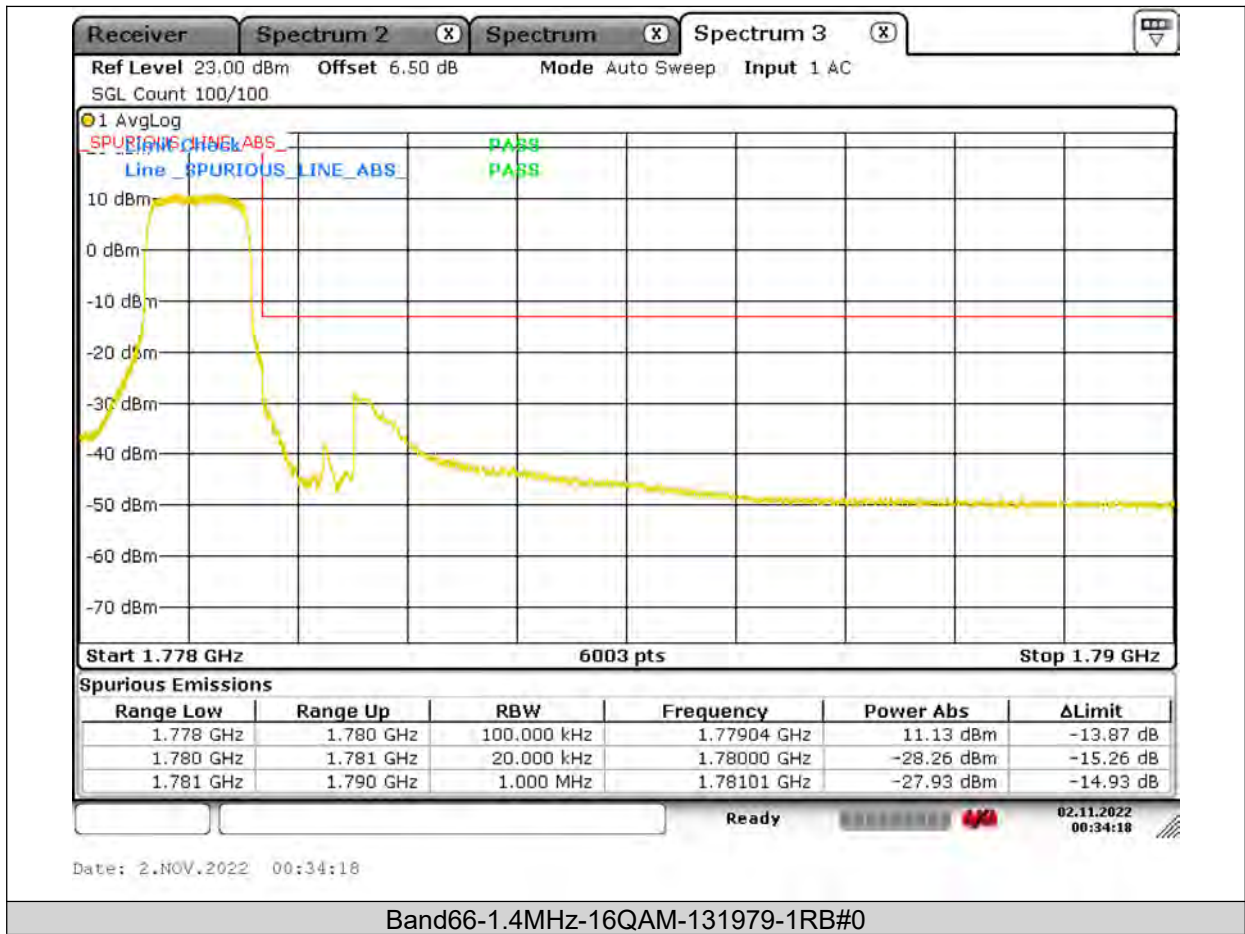
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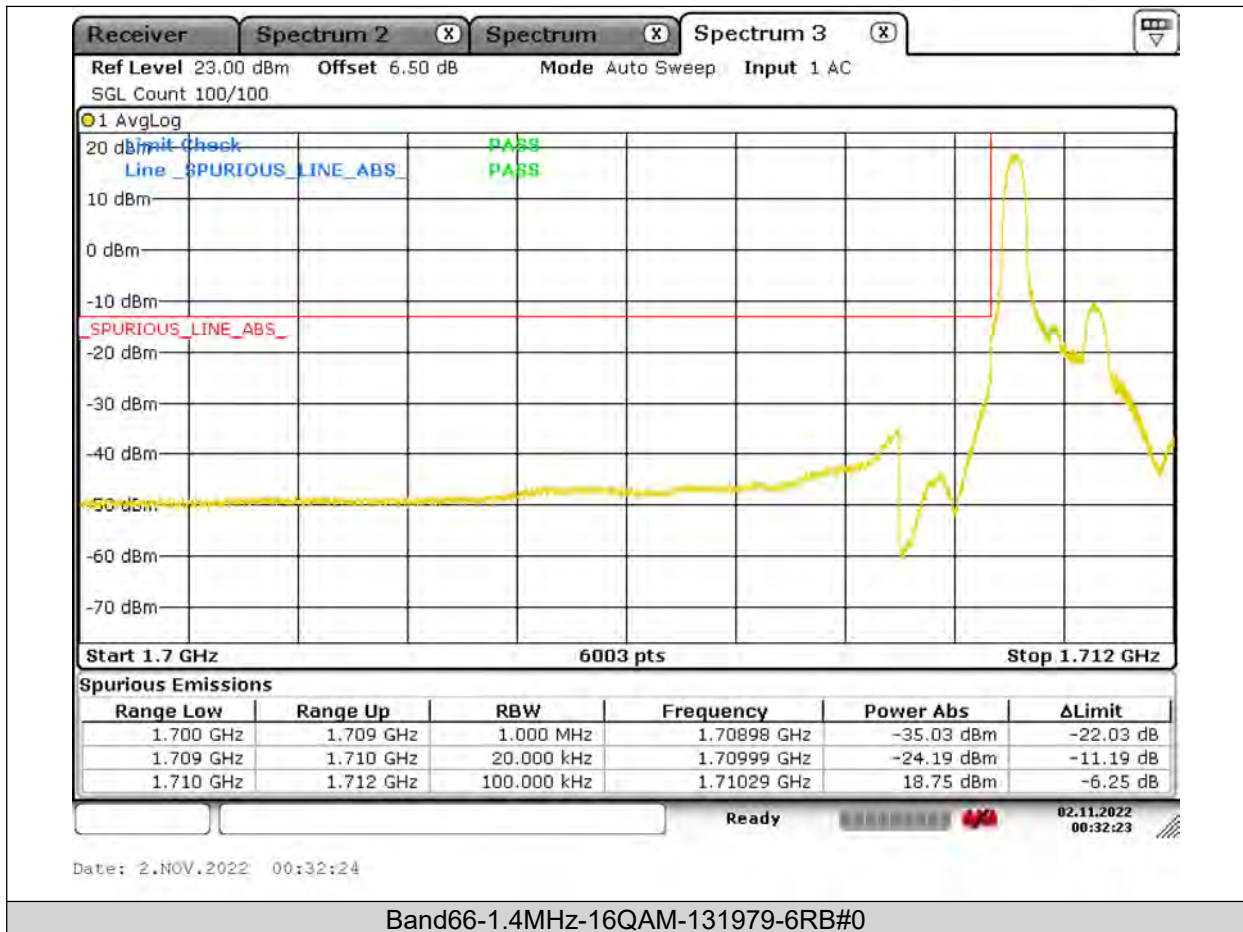
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VERITAS

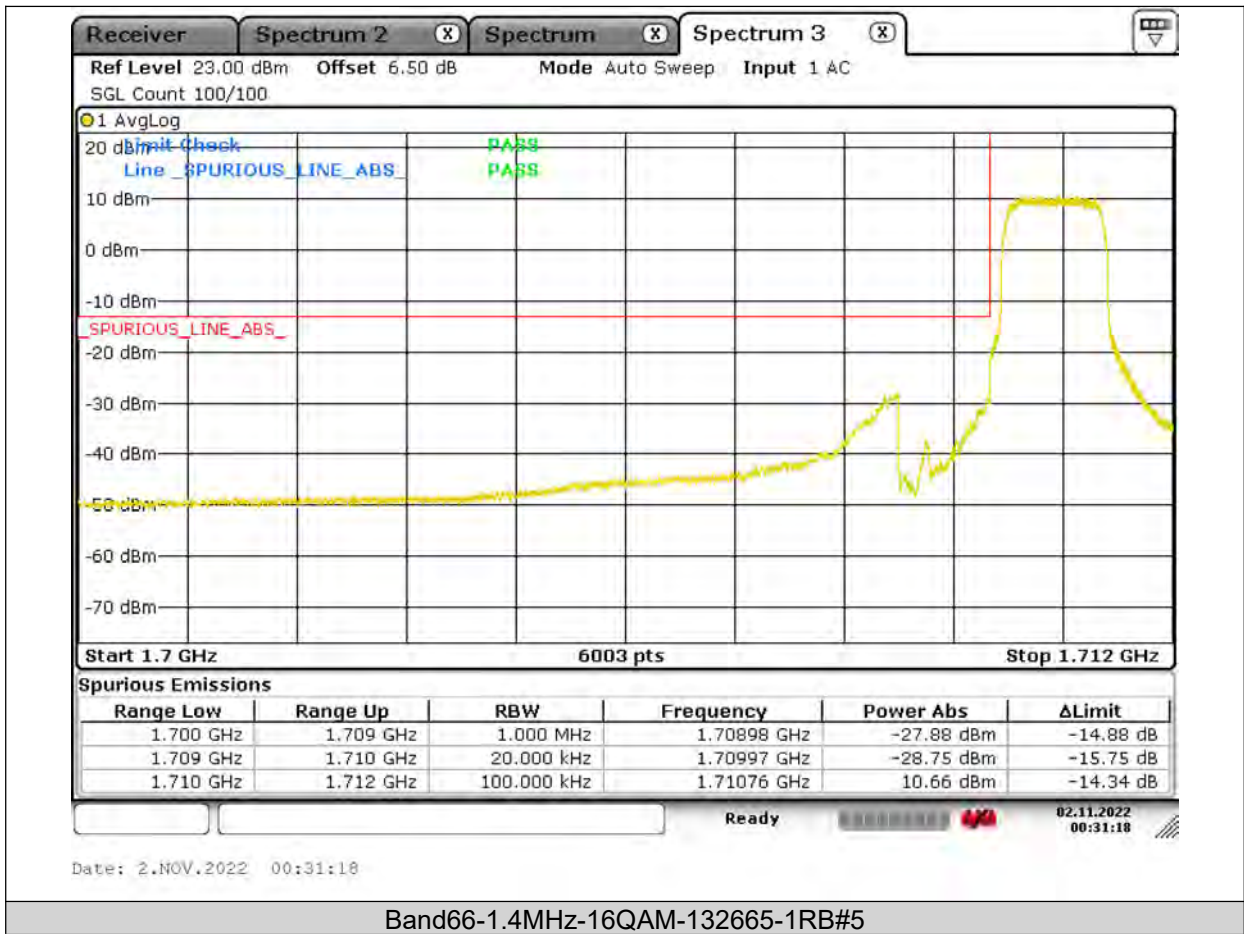
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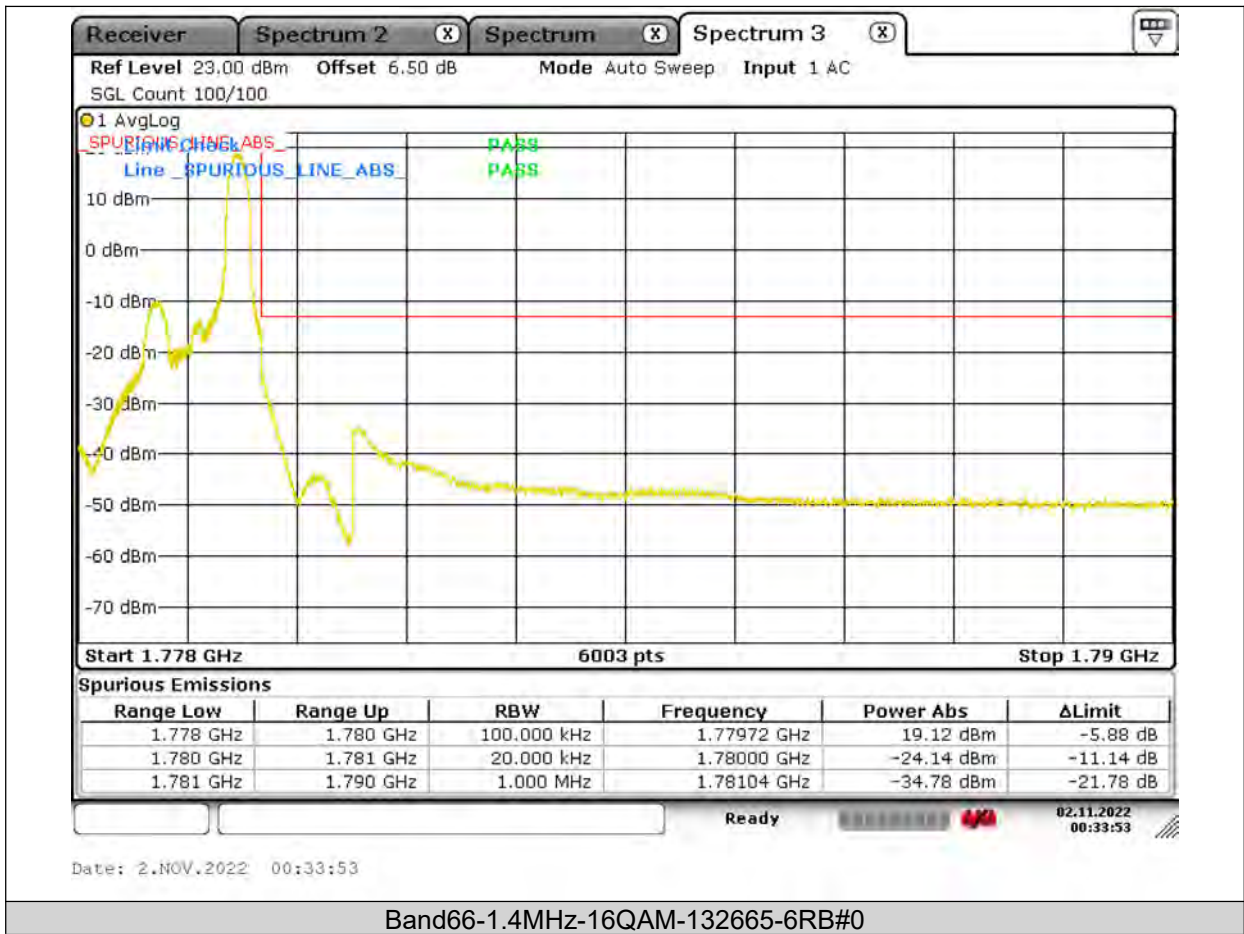
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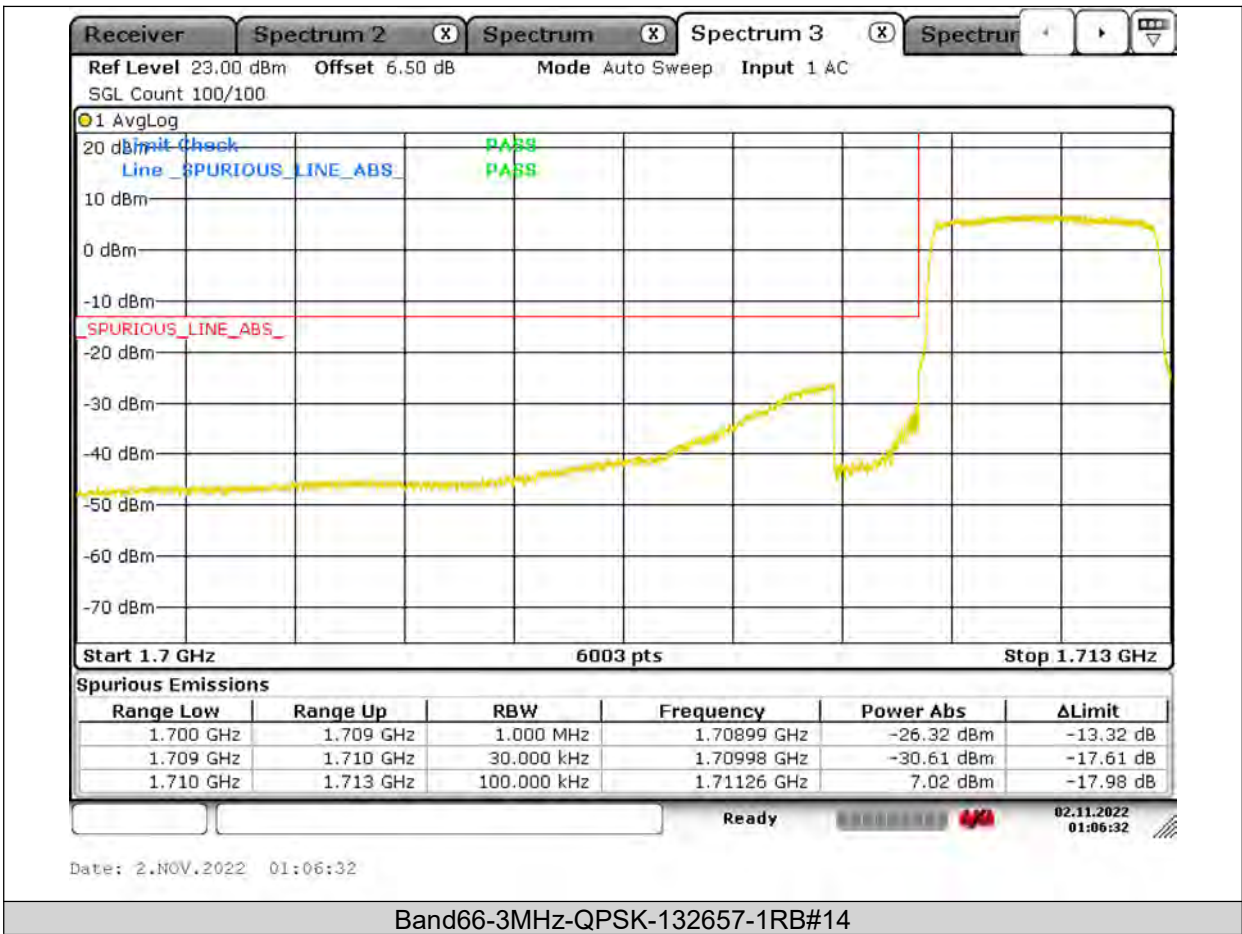






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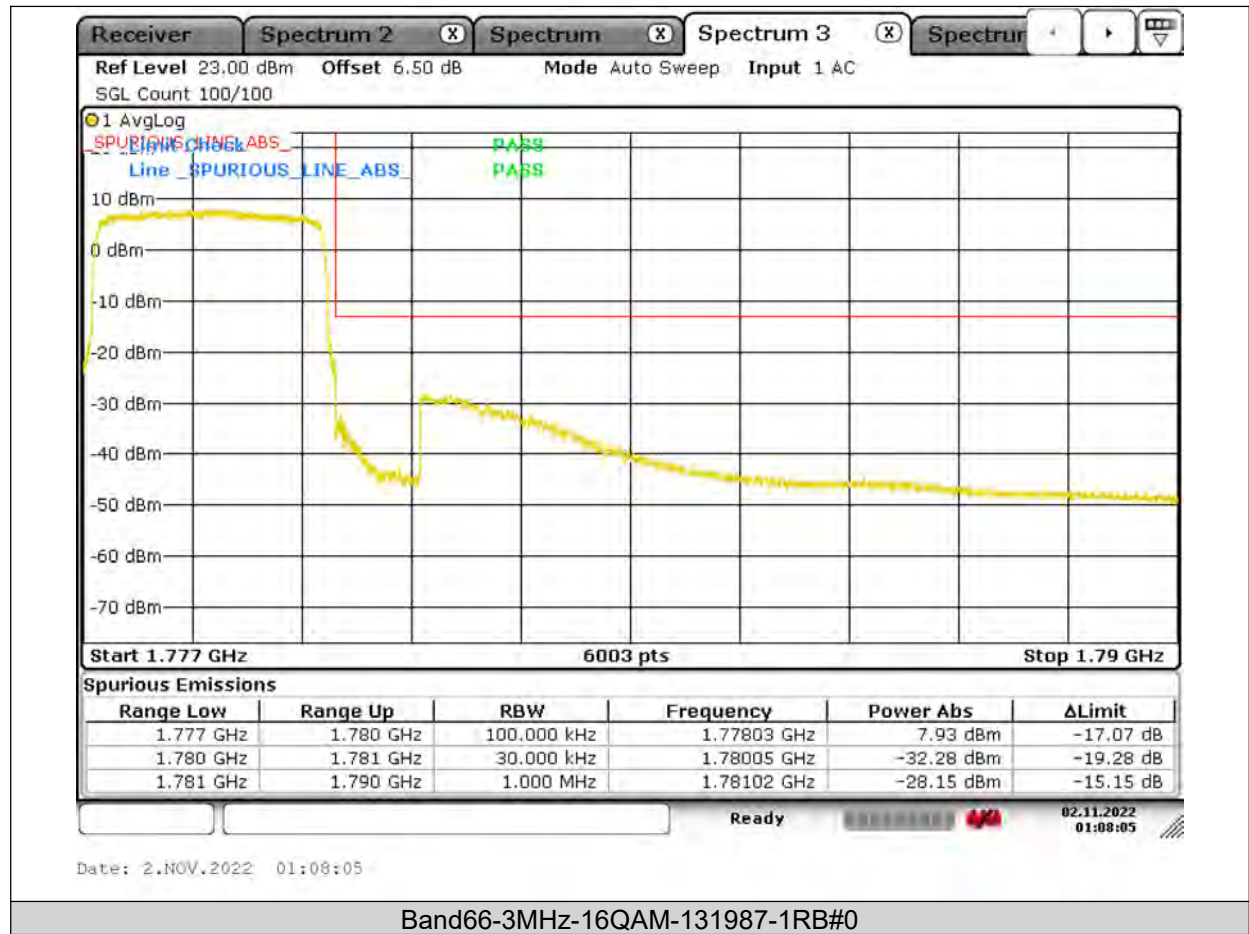
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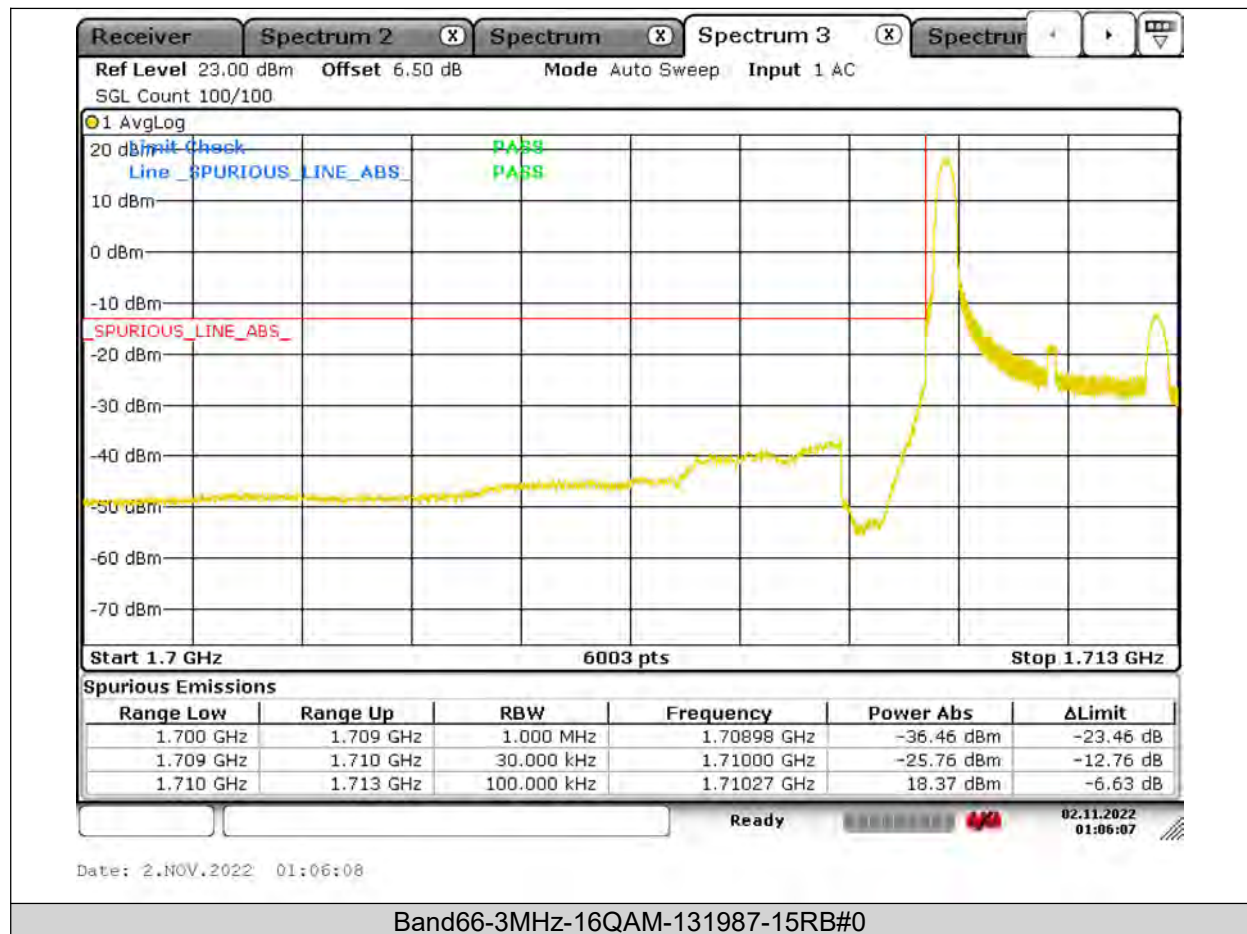
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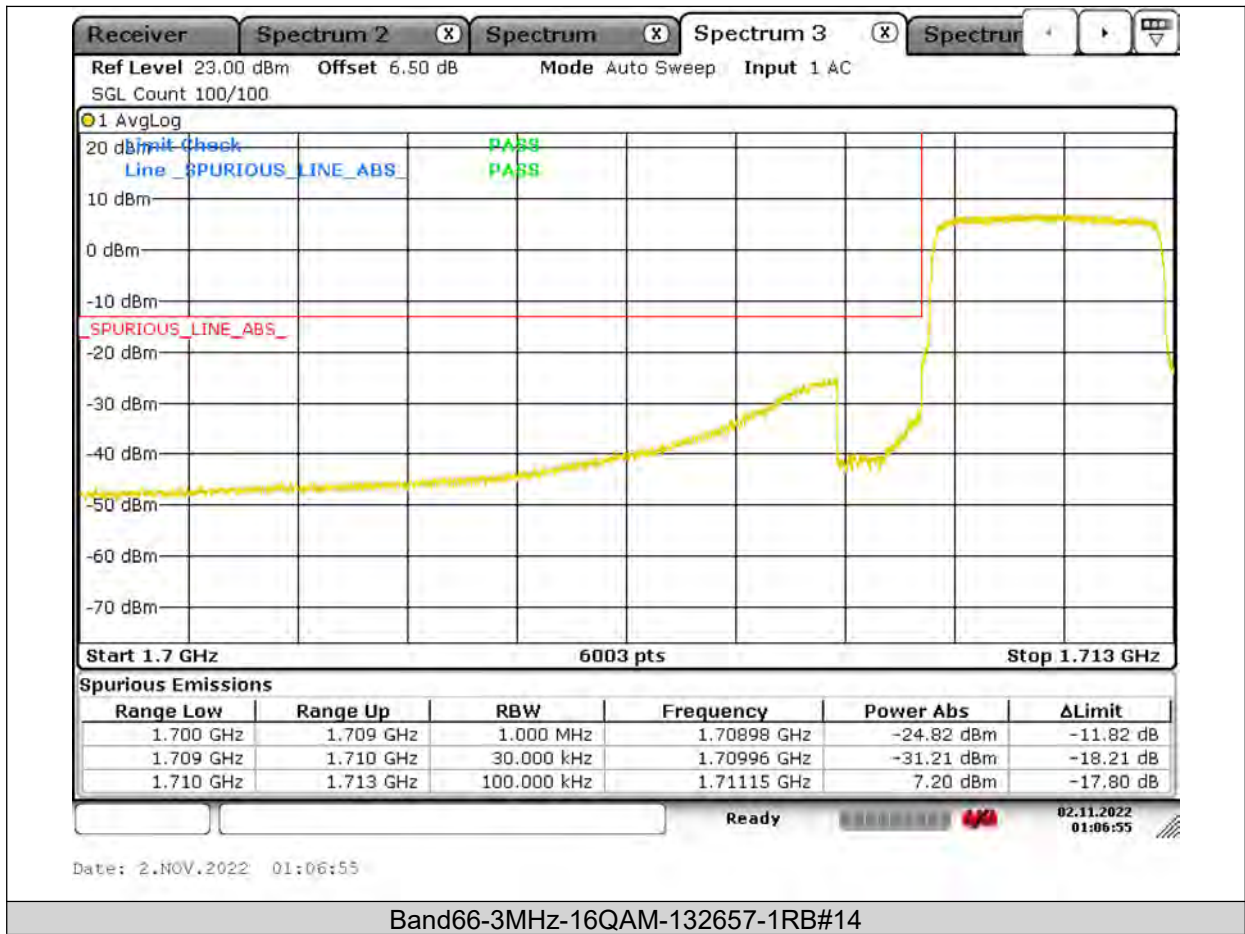
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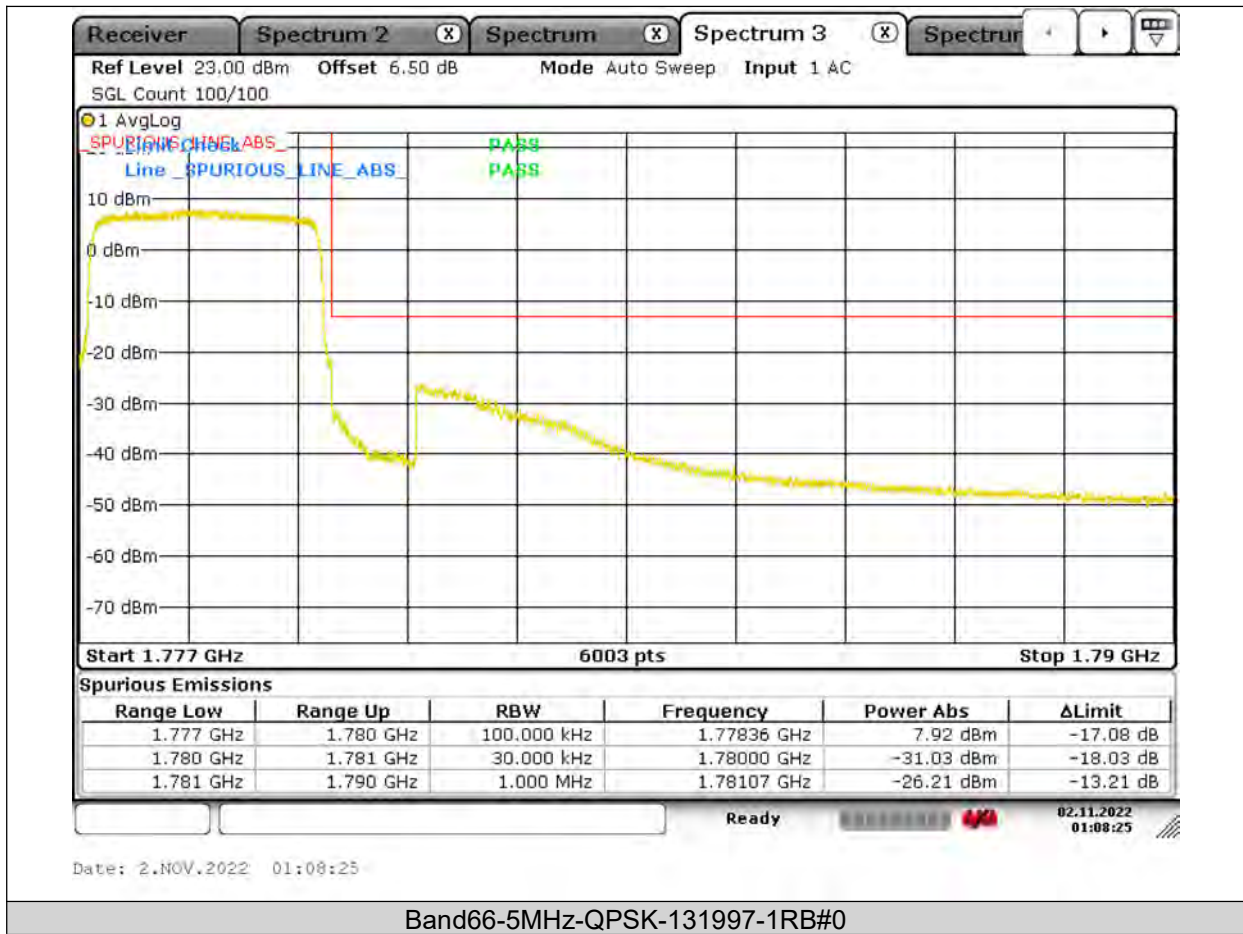
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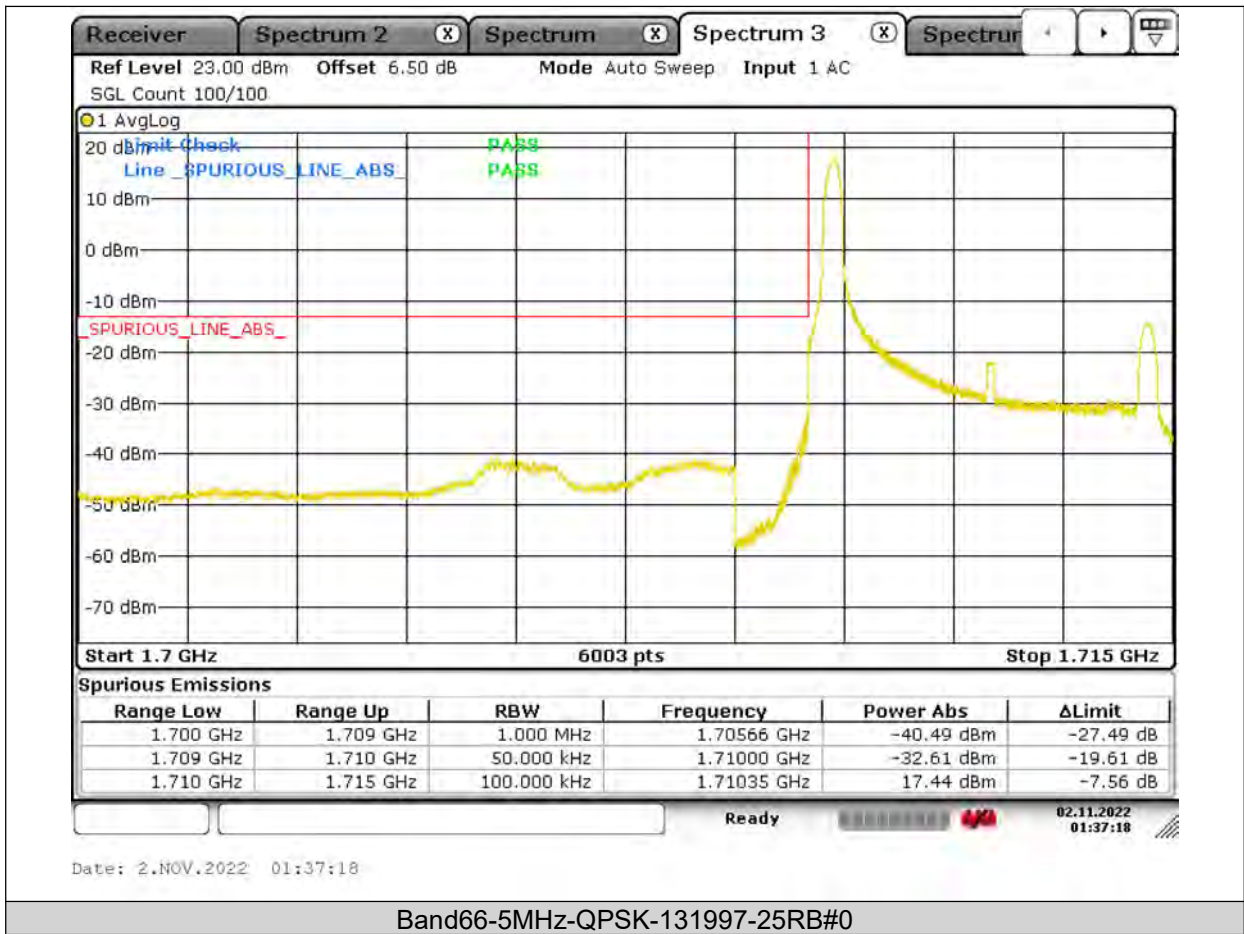
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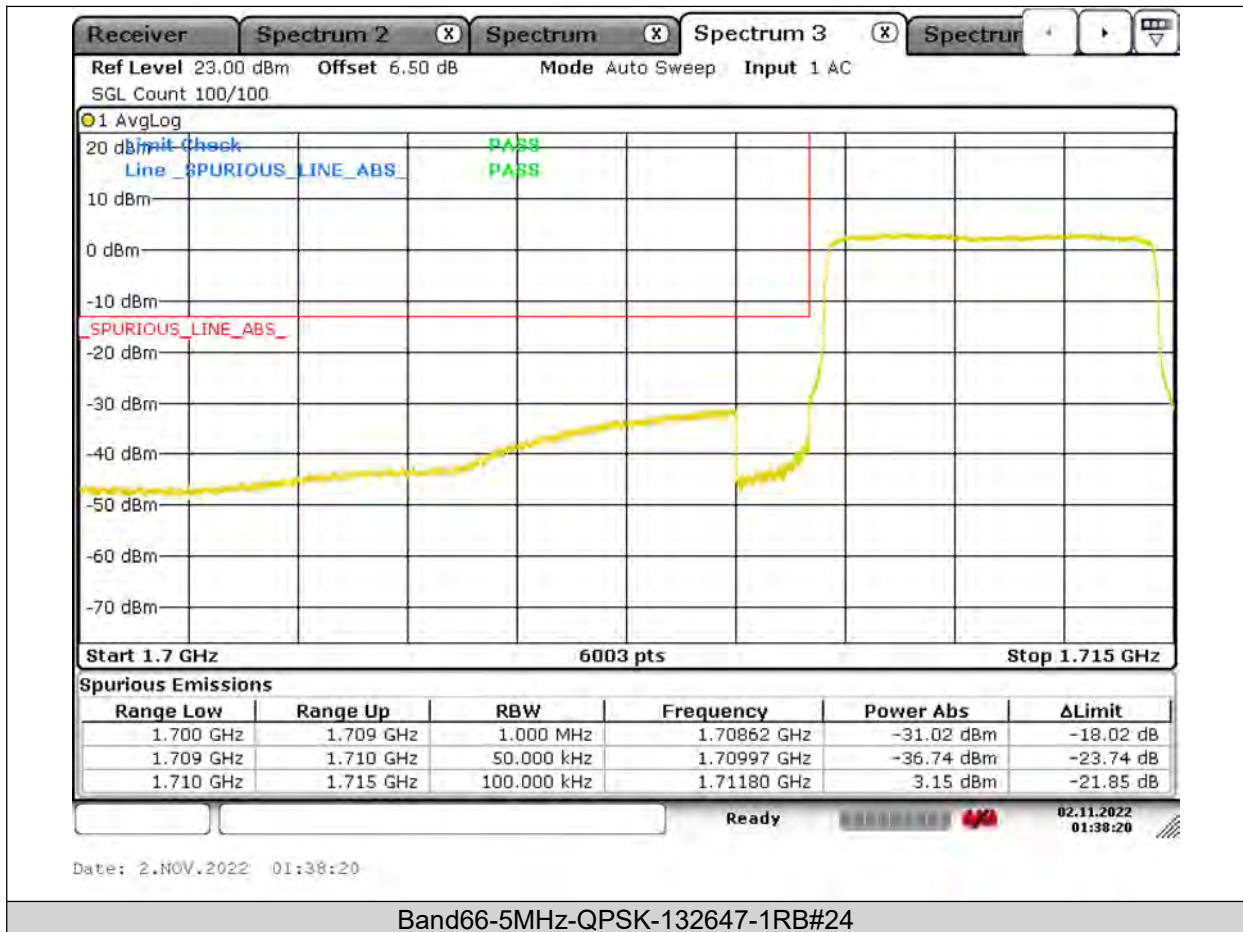






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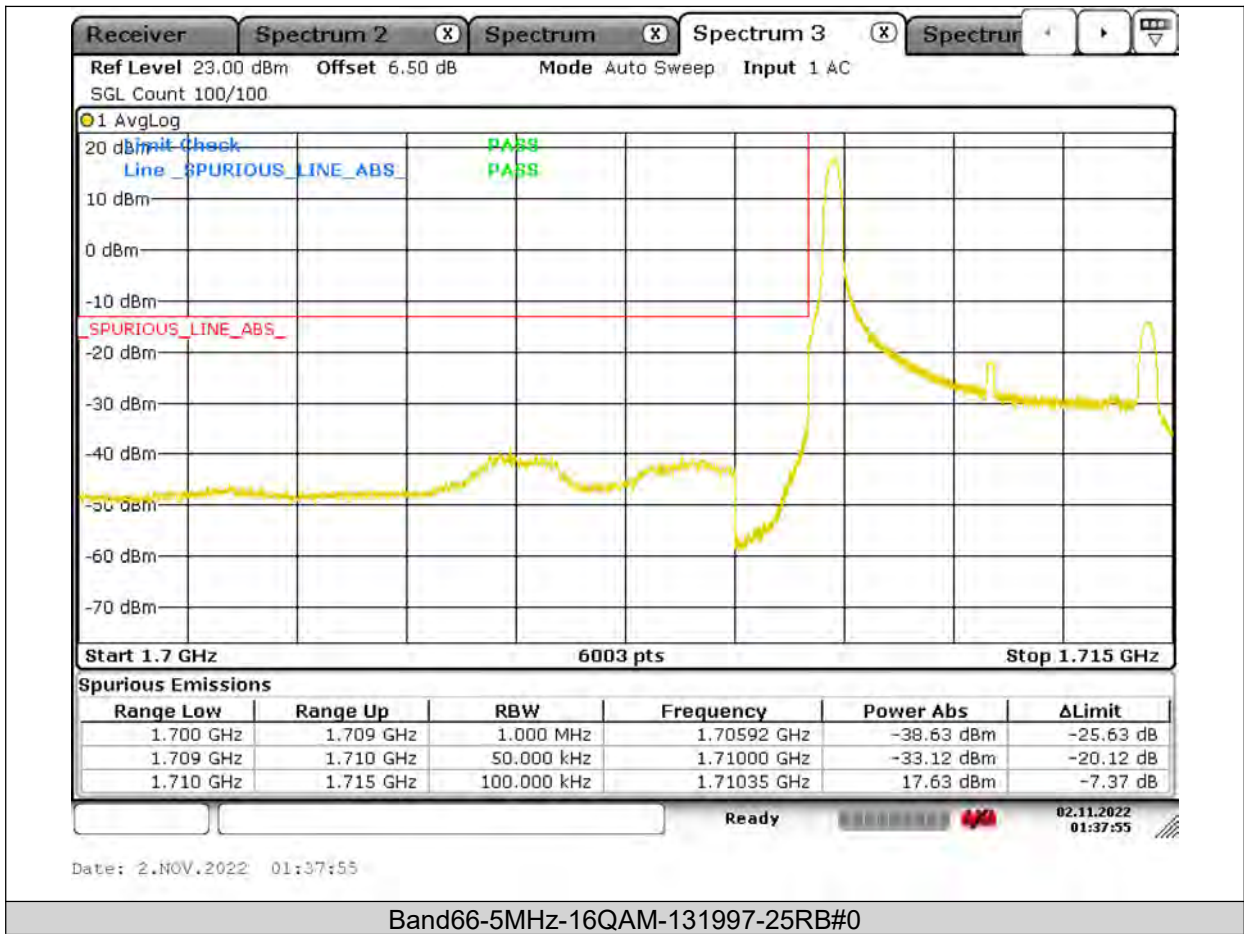
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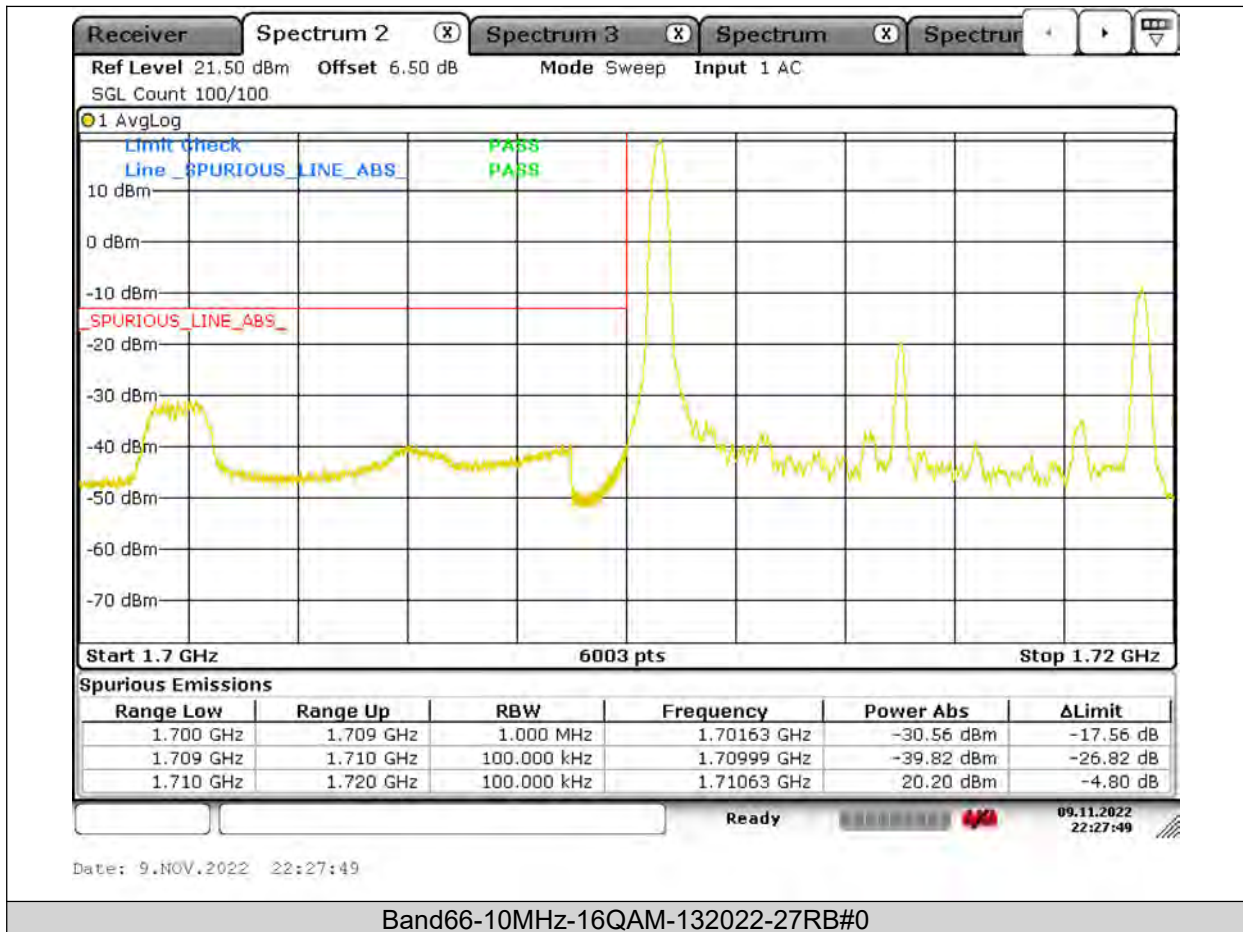
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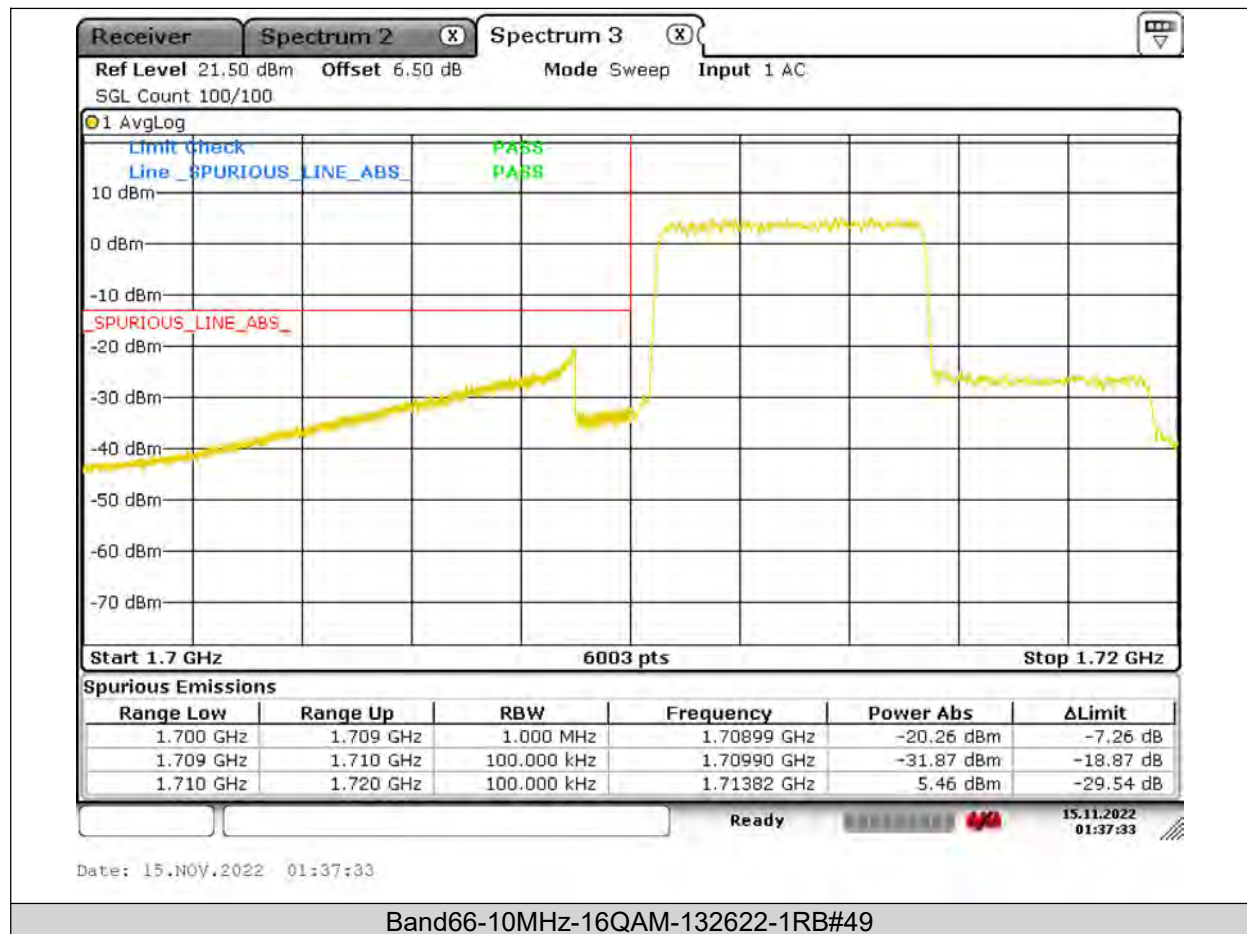
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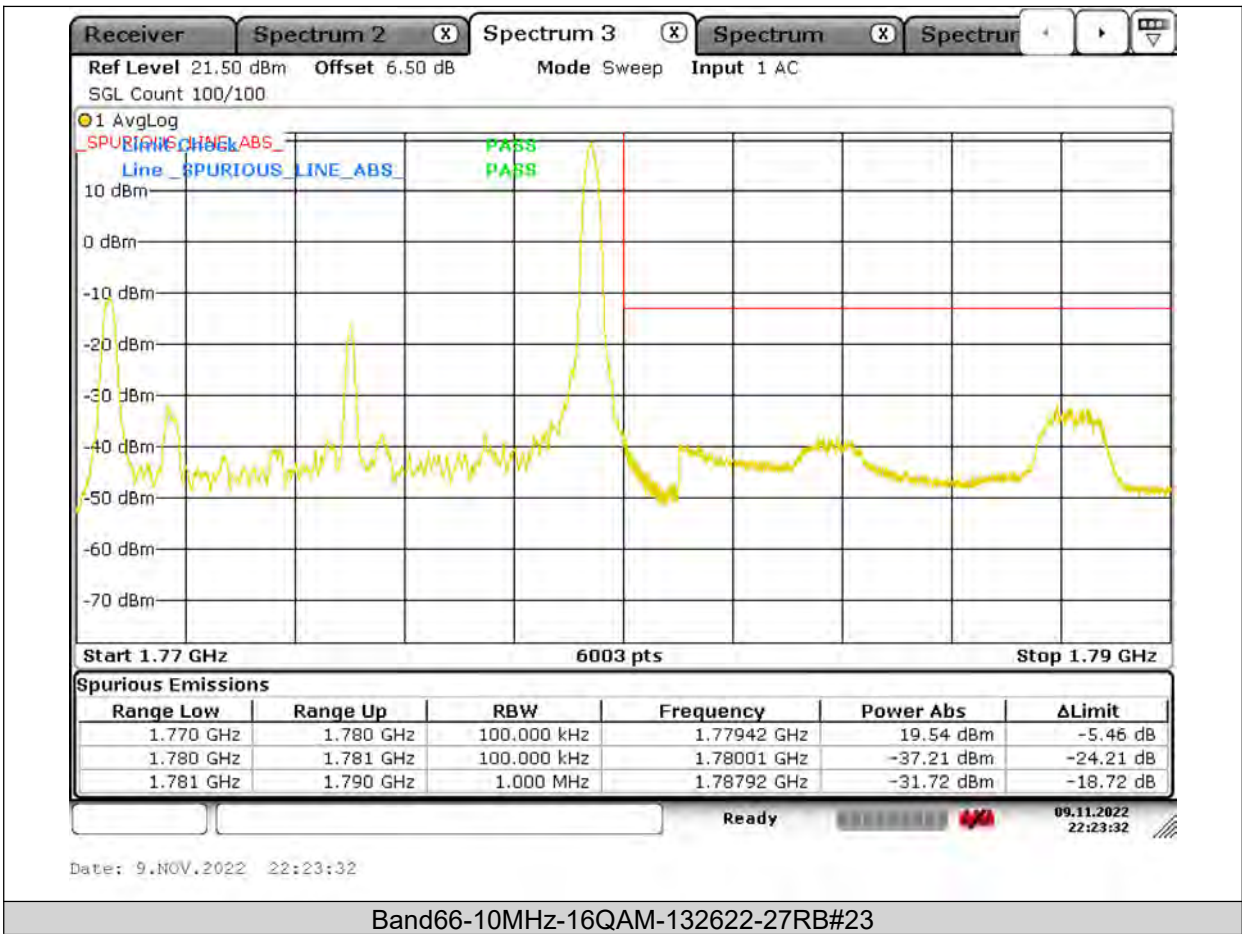
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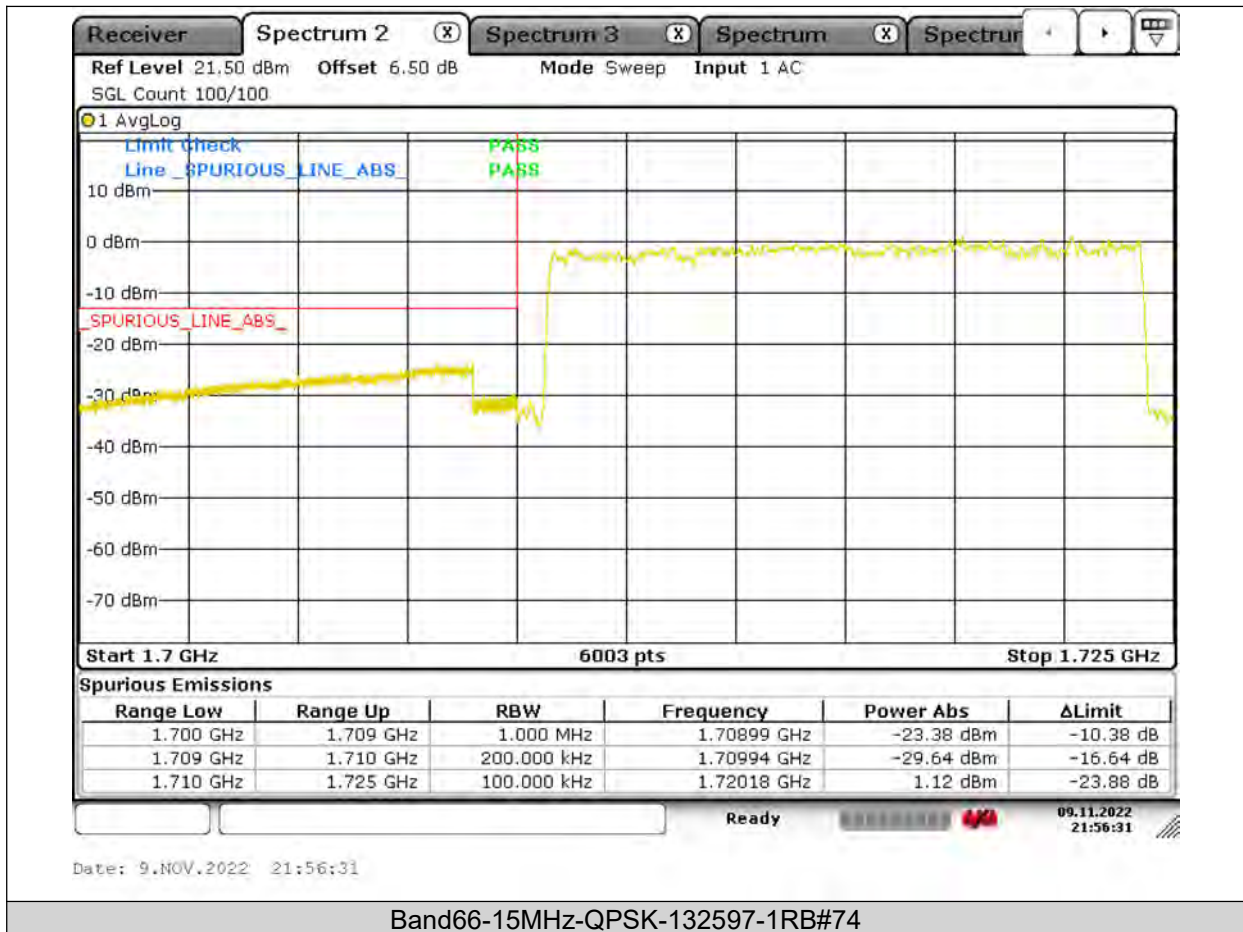






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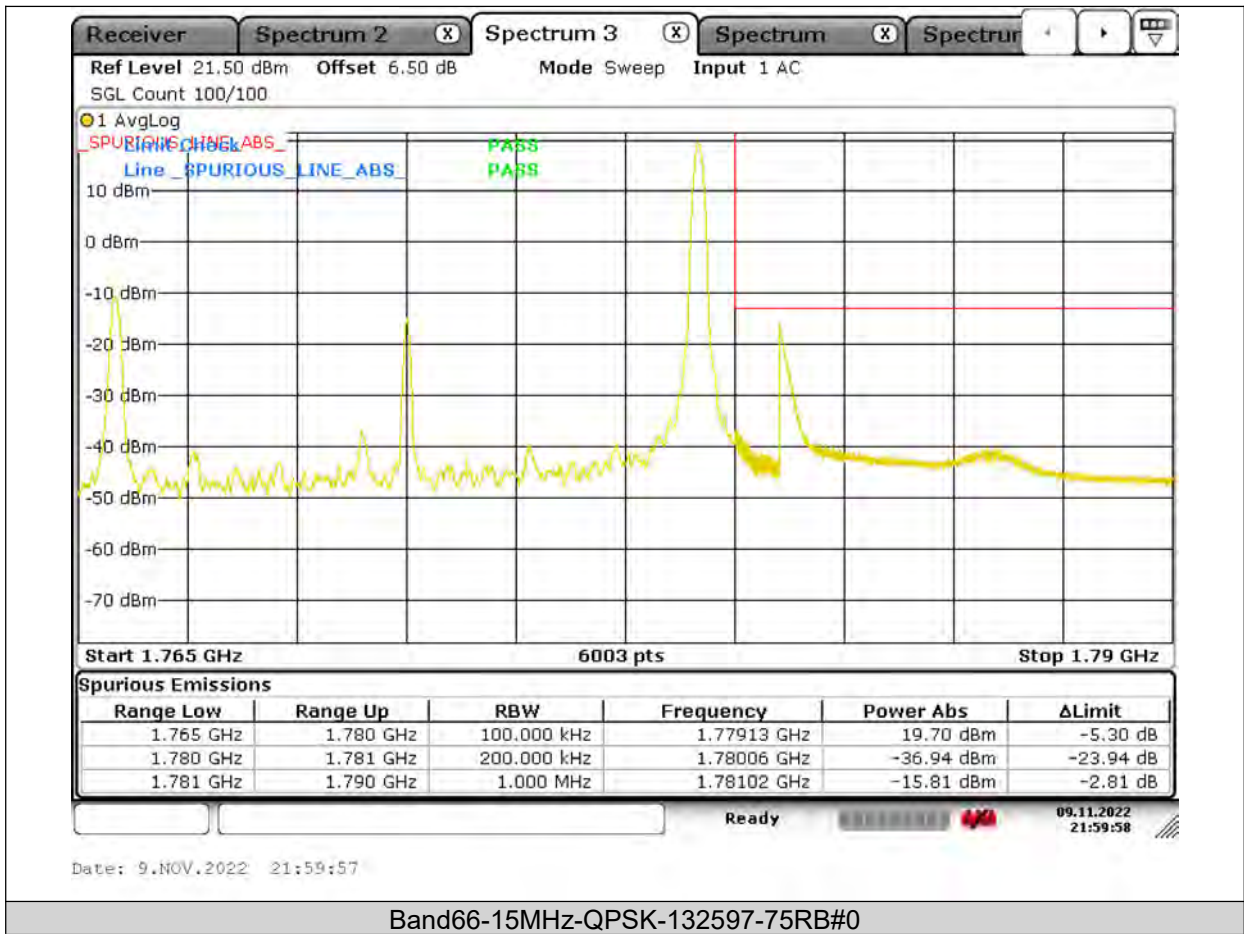
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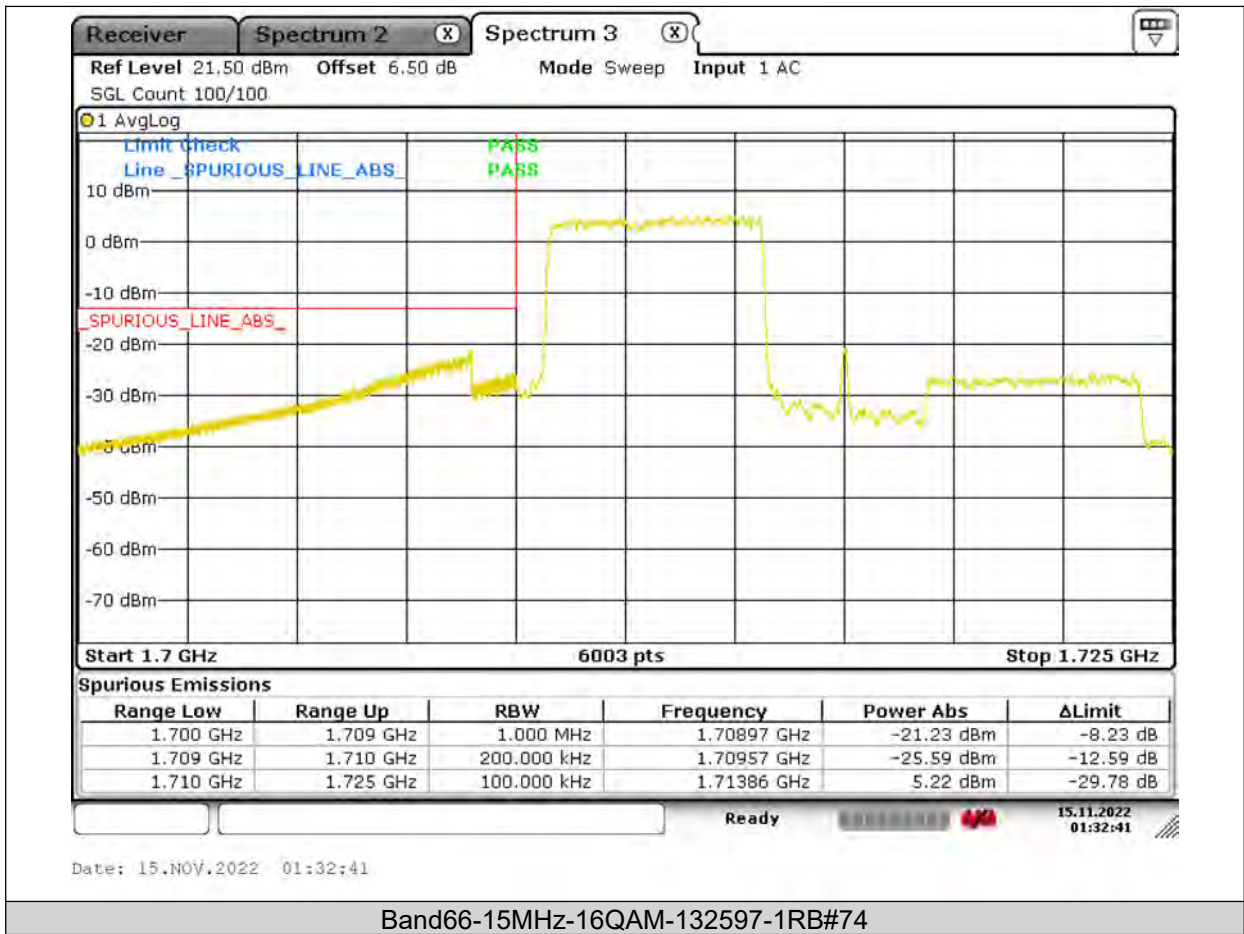
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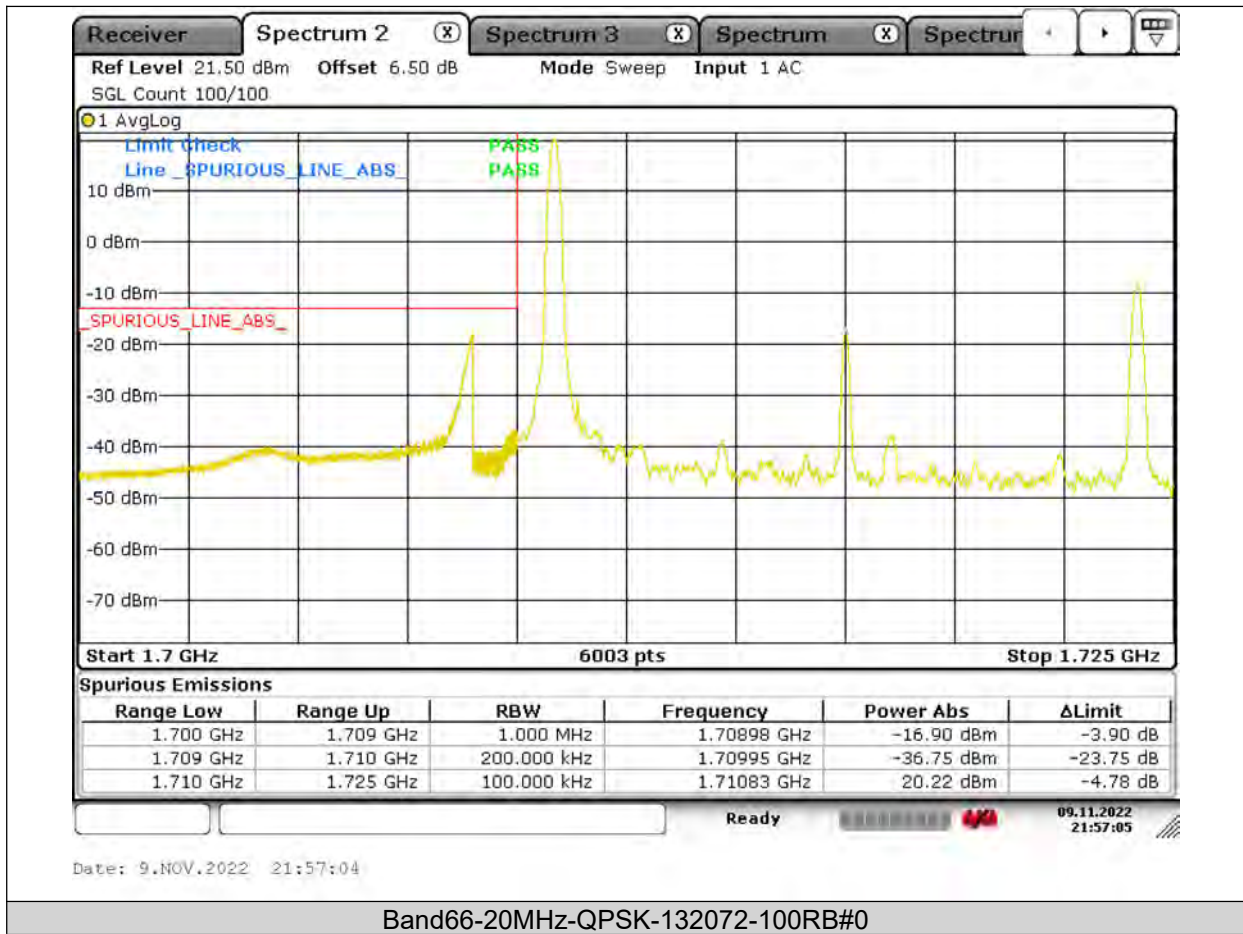
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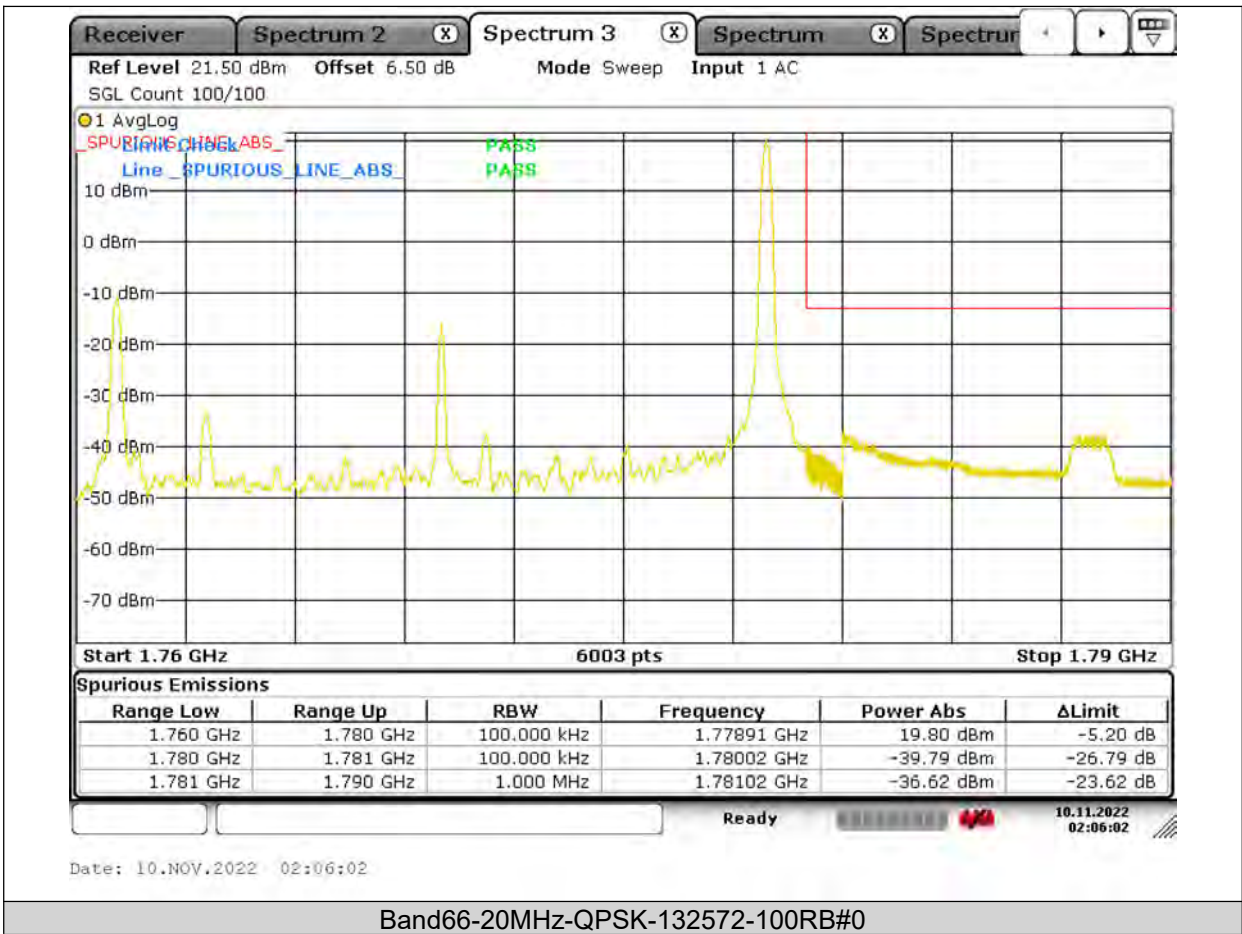
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