

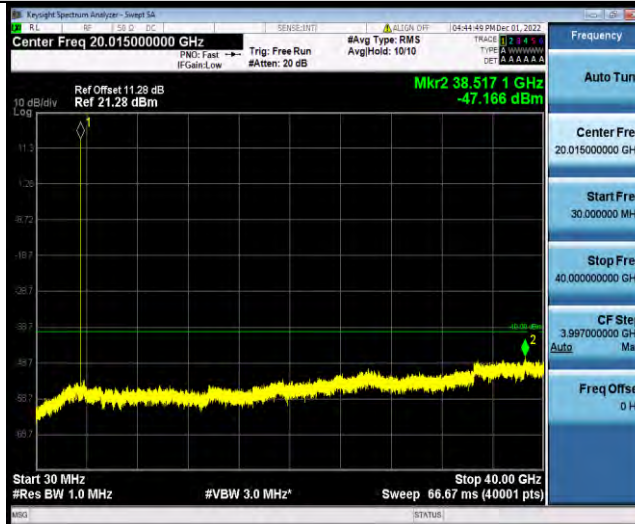


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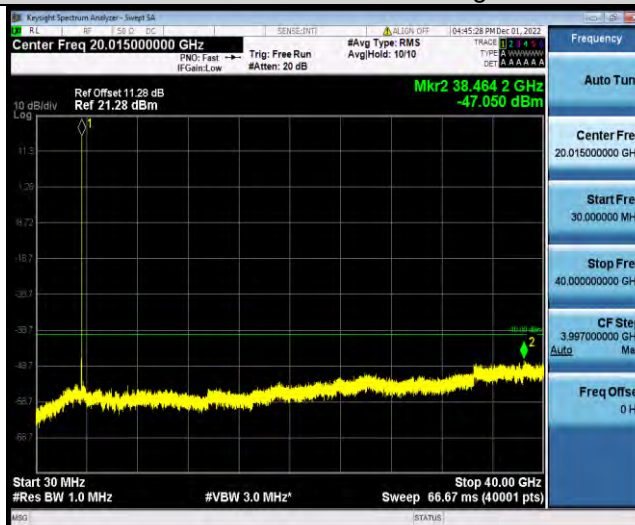
Test Report No.: W7L-P23030016RF10



Band48-15MHz-16QAM-55315-1RB#0-Range1:30~40000MHz



Band48-15MHz-16QAM-55990-1RB#0-Range1:30~40000MHz



Band48-15MHz-16QAM-56665-1RB#0-Range1:30~40000MHz

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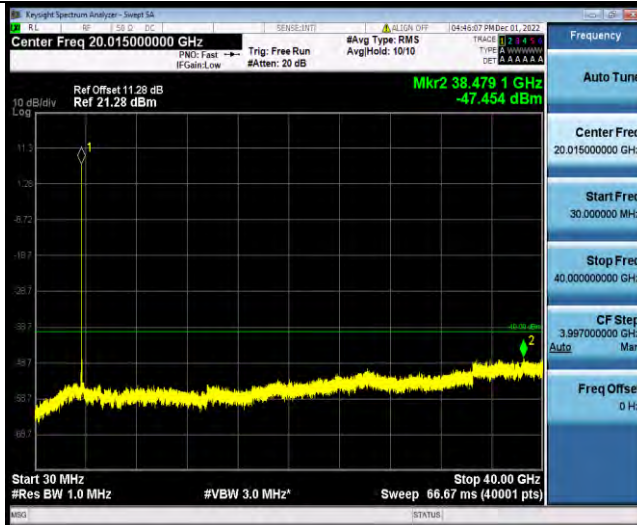
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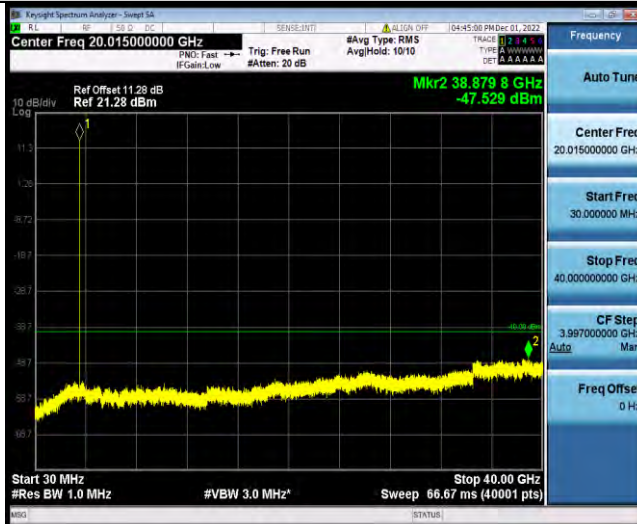


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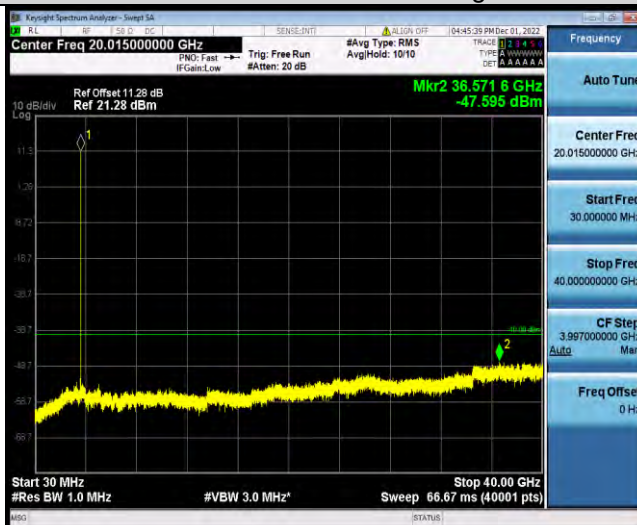
Test Report No.: W7L-P23030016RF10



Band48-15MHz-64QAM-55315-1RB#0-Range1:30~40000MHz



Band48-15MHz-64QAM-55990-1RB#0-Range1:30~40000MHz



Band48-15MHz-64QAM-56665-1RB#0-Range1:30~40000MHz

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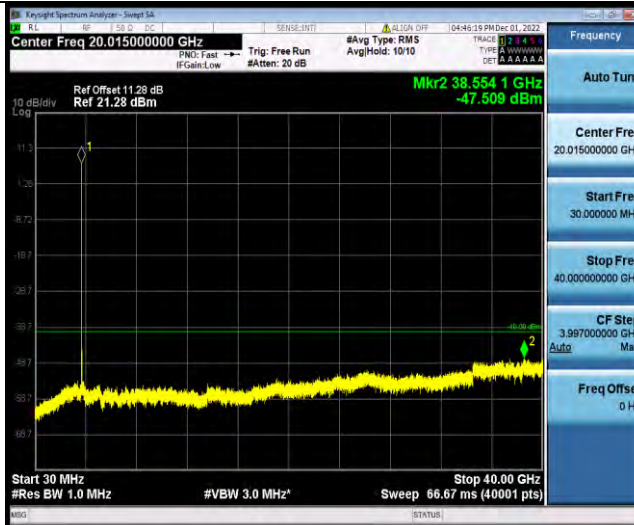
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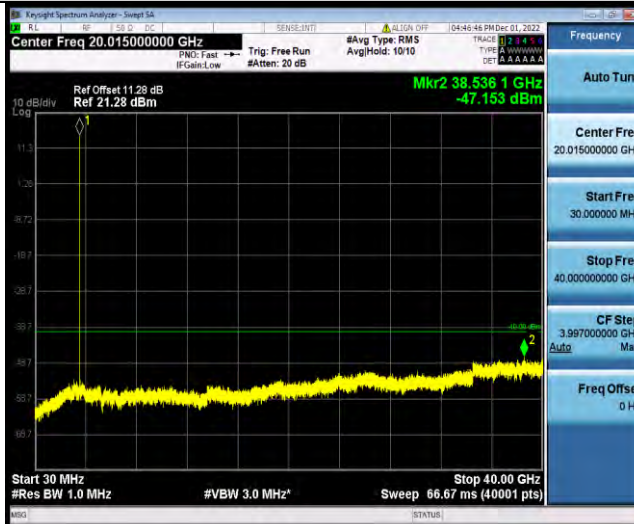


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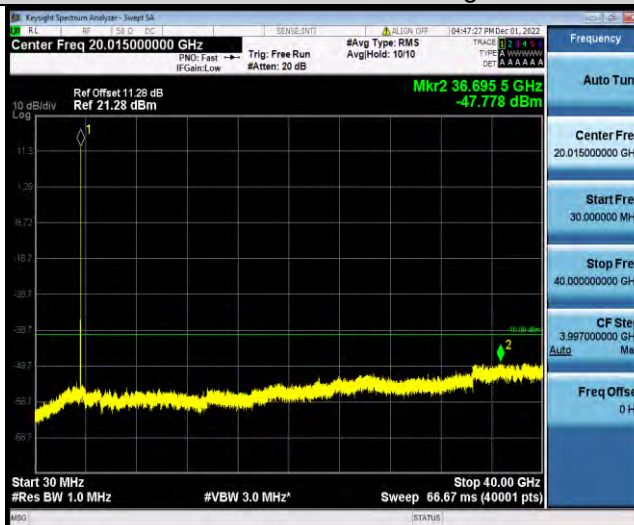
Test Report No.: W7L-P23030016RF10



Band48-20MHz-QPSK-55340-1RB#0-Range1:30~40000MHz



Band48-20MHz-QPSK-55990-1RB#0-Range1:30~40000MHz



Band48-20MHz-QPSK-56640-1RB#0-Range1:30~40000MHz

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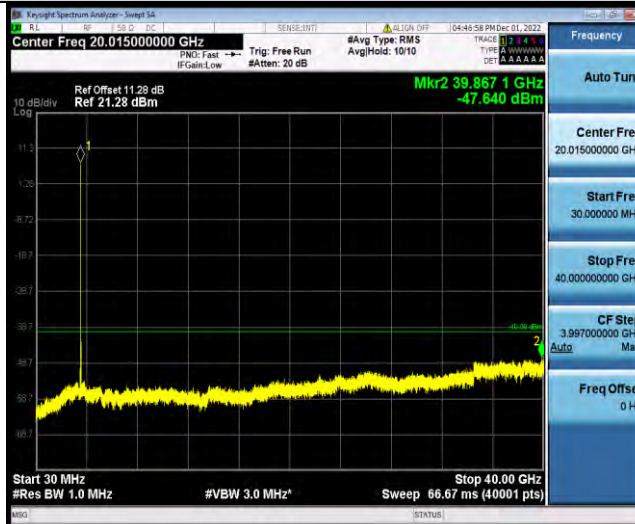


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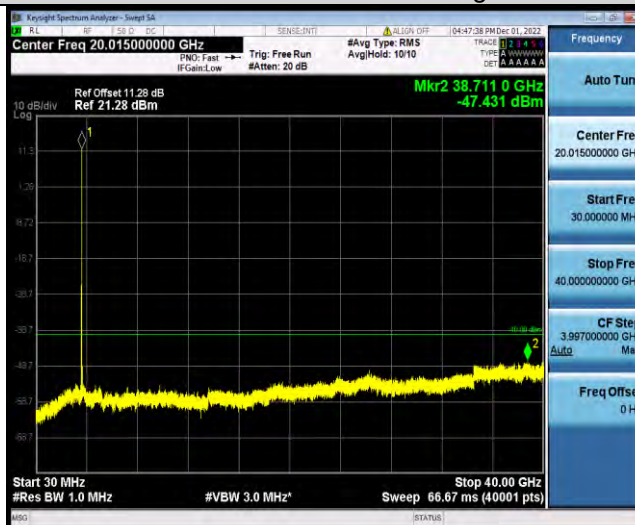
Test Report No.: W7L-P23030016RF10



Band48-20MHz-16QAM-55340-1RB#0-Range1:30~40000MHz



Band48-20MHz-16QAM-55990-1RB#0-Range1:30~40000MHz



Band48-20MHz-16QAM-56640-1RB#0-Range1:30~40000MHz

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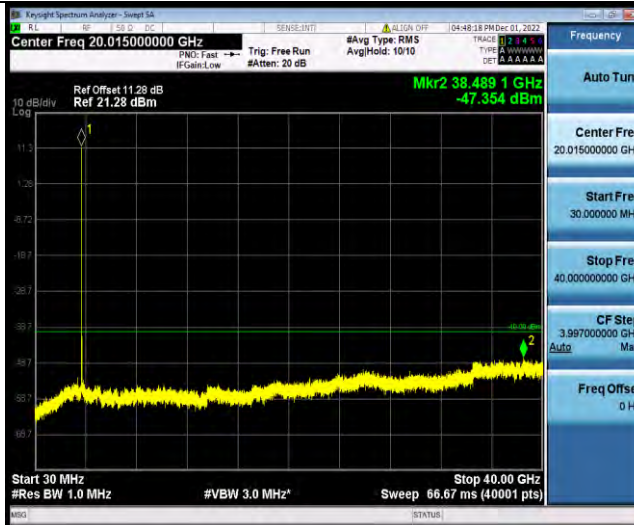
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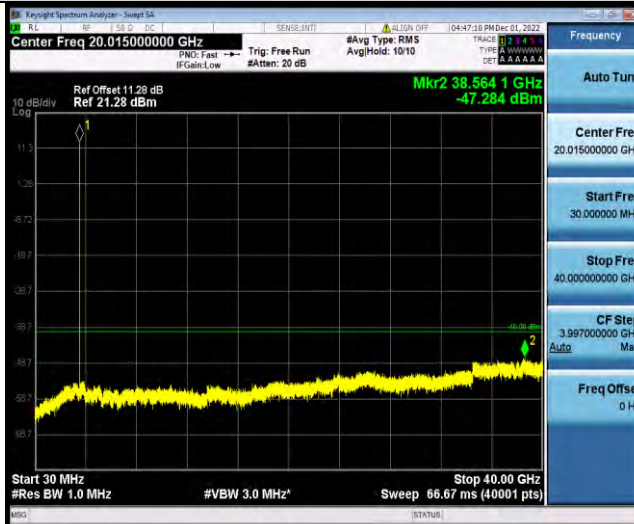


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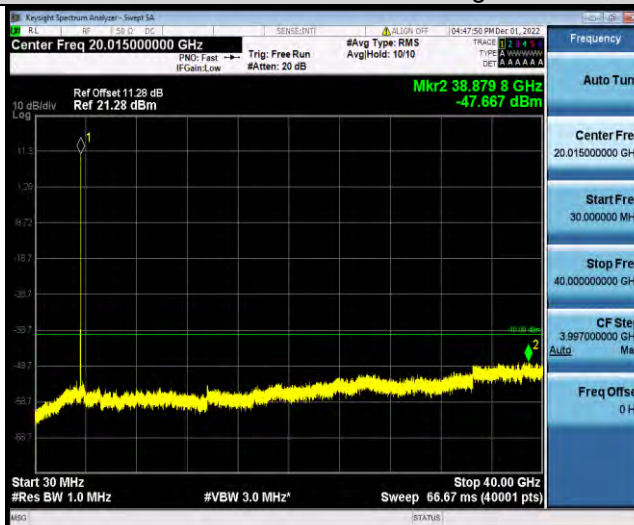
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Band48-20MHz-64QAM-55340-1RB#0-Range1:30~40000MHz



Band48-20MHz-64QAM-55990-1RB#0-Range1:30~40000MHz



Band48-20MHz-64QAM-56640-1RB#0-Range1:30~40000MHz

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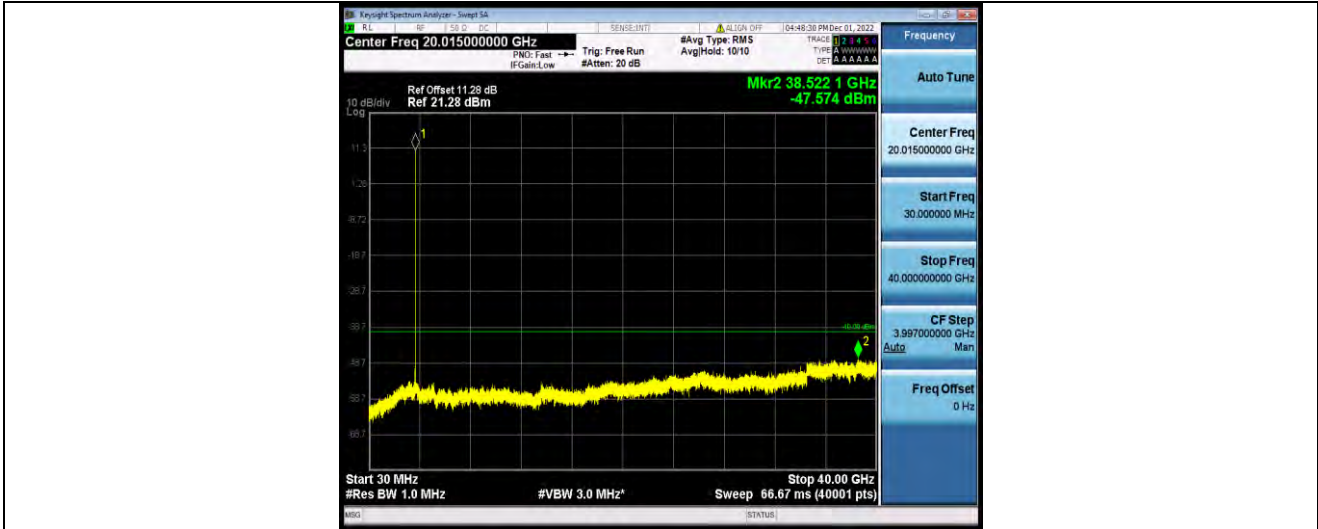
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Test Report No.: W7L-P23030016RF10



BV 7Layers Communications Technology
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FREQUENCY STABILITY TEST RESULT

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	VL	NT	6.84	0.001925	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	VN	NT	6.98	0.001965	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	VH	NT	3.09	0.000870	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	VL	NT	6.32	0.001743	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	VN	NT	4.41	0.001217	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	VH	NT	-7.00	-0.001931	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	VL	NT	-4.65	-0.001258	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	VN	NT	5.12	0.001385	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	VH	NT	-4.16	-0.001125	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	VL	NT	7.55	0.002125	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	VN	NT	6.04	0.001700	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	VH	NT	8.21	0.002311	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	VL	NT	6.82	0.001881	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	VN	NT	5.94	0.001639	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	VH	NT	6.48	0.001788	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	VL	NT	7.00	0.001893	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	VN	NT	6.61	0.001788	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	VH	NT	6.11	0.001652	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	VL	NT	4.73	0.001331	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	VN	NT	6.55	0.001844	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	VH	NT	4.38	0.001233	±2.5	PASS
Band4	5MHz	64QAM	55990	25RB#0	VL	NT	4.31	0.001189	±2.5	PASS

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Band4 8	5MHz	64QAM	55990	25RB#0	VN	NT	-5.72	-0.001578	±2.5	PASS
Band4 8	5MHz	64QAM	55990	25RB#0	VH	NT	6.88	0.001898	±2.5	PASS
Band4 8	5MHz	64QAM	56715	25RB#0	VL	NT	-3.96	-0.001071	±2.5	PASS
Band4 8	5MHz	64QAM	56715	25RB#0	VN	NT	4.32	0.001168	±2.5	PASS
Band4 8	5MHz	64QAM	56715	25RB#0	VH	NT	-9.36	-0.002531	±2.5	PASS
Band4 8	10MHz	QPSK	55290	50RB#0	VL	NT	8.38	0.002357	±2.5	PASS
Band4 8	10MHz	QPSK	55290	50RB#0	VN	NT	4.06	0.001142	±2.5	PASS
Band4 8	10MHz	QPSK	55290	50RB#0	VH	NT	5.61	0.001578	±2.5	PASS
Band4 8	10MHz	QPSK	55990	50RB#0	VL	NT	5.46	0.001506	±2.5	PASS
Band4 8	10MHz	QPSK	55990	50RB#0	VN	NT	4.63	0.001277	±2.5	PASS
Band4 8	10MHz	QPSK	55990	50RB#0	VH	NT	5.72	0.001578	±2.5	PASS
Band4 8	10MHz	QPSK	56690	50RB#0	VL	NT	4.91	0.001329	±2.5	PASS
Band4 8	10MHz	QPSK	56690	50RB#0	VN	NT	-3.95	-0.001069	±2.5	PASS
Band4 8	10MHz	QPSK	56690	50RB#0	VH	NT	6.22	0.001683	±2.5	PASS
Band4 8	10MHz	16QAM	55290	50RB#0	VL	NT	4.88	0.001373	±2.5	PASS
Band4 8	10MHz	16QAM	55290	50RB#0	VN	NT	8.30	0.002335	±2.5	PASS
Band4 8	10MHz	16QAM	55290	50RB#0	VH	NT	5.55	0.001561	±2.5	PASS
Band4 8	10MHz	16QAM	55990	50RB#0	VL	NT	-3.91	-0.001079	±2.5	PASS
Band4 8	10MHz	16QAM	55990	50RB#0	VN	NT	-5.51	-0.001520	±2.5	PASS
Band4 8	10MHz	16QAM	55990	50RB#0	VH	NT	-4.92	-0.001357	±2.5	PASS
Band4 8	10MHz	16QAM	56690	50RB#0	VL	NT	-4.79	-0.001296	±2.5	PASS
Band4 8	10MHz	16QAM	56690	50RB#0	VN	NT	5.49	0.001486	±2.5	PASS
Band4 8	10MHz	16QAM	56690	50RB#0	VH	NT	-7.08	-0.001916	±2.5	PASS
Band4 8	10MHz	64QAM	55290	50RB#0	VL	NT	6.04	0.001699	±2.5	PASS
Band4 8	10MHz	64QAM	55290	50RB#0	VN	NT	-4.02	-0.001131	±2.5	PASS
Band4 8	10MHz	64QAM	55290	50RB#0	VH	NT	8.15	0.002293	±2.5	PASS



Band4 8	10MHz	64QAM	55990	50RB#0	VL	NT	-5.38	-0.001484	±2.5	PASS
Band4 8	10MHz	64QAM	55990	50RB#0	VN	NT	-4.48	-0.001236	±2.5	PASS
Band4 8	10MHz	64QAM	55990	50RB#0	VH	NT	-2.83	-0.000781	±2.5	PASS
Band4 8	10MHz	64QAM	56690	50RB#0	VL	NT	-4.11	-0.001112	±2.5	PASS
Band4 8	10MHz	64QAM	56690	50RB#0	VN	NT	-9.13	-0.002471	±2.5	PASS
Band4 8	10MHz	64QAM	56690	50RB#0	VH	NT	-5.58	-0.001510	±2.5	PASS
Band4 8	15MHz	QPSK	55315	75RB#0	VL	NT	3.00	0.000843	±2.5	PASS
Band4 8	15MHz	QPSK	55315	75RB#0	VN	NT	5.88	0.001653	±2.5	PASS
Band4 8	15MHz	QPSK	55315	75RB#0	VH	NT	-3.83	-0.001077	±2.5	PASS
Band4 8	15MHz	QPSK	55990	75RB#0	VL	NT	-7.15	-0.001972	±2.5	PASS
Band4 8	15MHz	QPSK	55990	75RB#0	VN	NT	7.02	0.001937	±2.5	PASS
Band4 8	15MHz	QPSK	55990	75RB#0	VH	NT	3.40	0.000938	±2.5	PASS
Band4 8	15MHz	QPSK	56665	75RB#0	VL	NT	4.02	0.001089	±2.5	PASS
Band4 8	15MHz	QPSK	56665	75RB#0	VN	NT	6.49	0.001758	±2.5	PASS
Band4 8	15MHz	QPSK	56665	75RB#0	VH	NT	2.80	0.000758	±2.5	PASS
Band4 8	15MHz	16QAM	55315	75RB#0	VL	NT	5.45	0.001532	±2.5	PASS
Band4 8	15MHz	16QAM	55315	75RB#0	VN	NT	6.21	0.001746	±2.5	PASS
Band4 8	15MHz	16QAM	55315	75RB#0	VH	NT	2.85	0.000801	±2.5	PASS
Band4 8	15MHz	16QAM	55990	75RB#0	VL	NT	-7.17	-0.001978	±2.5	PASS
Band4 8	15MHz	16QAM	55990	75RB#0	VN	NT	-4.53	-0.001250	±2.5	PASS
Band4 8	15MHz	16QAM	55990	75RB#0	VH	NT	-5.65	-0.001559	±2.5	PASS
Band4 8	15MHz	16QAM	56665	75RB#0	VL	NT	-5.49	-0.001487	±2.5	PASS
Band4 8	15MHz	16QAM	56665	75RB#0	VN	NT	3.89	0.001053	±2.5	PASS
Band4 8	15MHz	16QAM	56665	75RB#0	VH	NT	3.45	0.000934	±2.5	PASS
Band4 8	15MHz	64QAM	55315	75RB#0	VL	NT	1.87	0.000526	±2.5	PASS
Band4 8	15MHz	64QAM	55315	75RB#0	VN	NT	3.63	0.001020	±2.5	PASS
Band4	15MHz	64QAM	55315	75RB#0	VH	NT	-7.11	-0.001999	±2.5	PASS



8										
Band4 8	15MHz	64QAM	55990	75RB#0	VL	NT	-4.39	-0.001211	±2.5	PASS
Band4 8	15MHz	64QAM	55990	75RB#0	VN	NT	-7.82	-0.002157	±2.5	PASS
Band4 8	15MHz	64QAM	55990	75RB#0	VH	NT	-4.01	-0.001106	±2.5	PASS
Band4 8	15MHz	64QAM	56665	75RB#0	VL	NT	-6.05	-0.001638	±2.5	PASS
Band4 8	15MHz	64QAM	56665	75RB#0	VN	NT	-2.88	-0.000780	±2.5	PASS
Band4 8	15MHz	64QAM	56665	75RB#0	VH	NT	-4.88	-0.001322	±2.5	PASS
Band4 8	20MHz	QPSK	55340	100RB#0	VL	NT	5.44	0.001528	±2.5	PASS
Band4 8	20MHz	QPSK	55340	100RB#0	VN	NT	2.80	0.000787	±2.5	PASS
Band4 8	20MHz	QPSK	55340	100RB#0	VH	NT	2.62	0.000736	±2.5	PASS
Band4 8	20MHz	QPSK	55990	100RB#0	VL	NT	7.87	0.002171	±2.5	PASS
Band4 8	20MHz	QPSK	55990	100RB#0	VN	NT	4.88	0.001346	±2.5	PASS
Band4 8	20MHz	QPSK	55990	100RB#0	VH	NT	-4.09	-0.001128	±2.5	PASS
Band4 8	20MHz	QPSK	56640	100RB#0	VL	NT	9.08	0.002461	±2.5	PASS
Band4 8	20MHz	QPSK	56640	100RB#0	VN	NT	-4.88	-0.001322	±2.5	PASS
Band4 8	20MHz	QPSK	56640	100RB#0	VH	NT	6.37	0.001726	±2.5	PASS
Band4 8	20MHz	16QAM	55340	100RB#0	VL	NT	5.08	0.001427	±2.5	PASS
Band4 8	20MHz	16QAM	55340	100RB#0	VN	NT	3.98	0.001118	±2.5	PASS
Band4 8	20MHz	16QAM	55340	100RB#0	VH	NT	5.59	0.001570	±2.5	PASS
Band4 8	20MHz	16QAM	55990	100RB#0	VL	NT	-3.26	-0.000899	±2.5	PASS
Band4 8	20MHz	16QAM	55990	100RB#0	VN	NT	5.24	0.001446	±2.5	PASS
Band4 8	20MHz	16QAM	55990	100RB#0	VH	NT	6.88	0.001898	±2.5	PASS
Band4 8	20MHz	16QAM	56640	100RB#0	VL	NT	-3.69	-0.001000	±2.5	PASS
Band4 8	20MHz	16QAM	56640	100RB#0	VN	NT	-3.20	-0.000867	±2.5	PASS
Band4 8	20MHz	16QAM	56640	100RB#0	VH	NT	-5.38	-0.001458	±2.5	PASS
Band4 8	20MHz	64QAM	55340	100RB#0	VL	NT	-6.32	-0.001775	±2.5	PASS
Band4 8	20MHz	64QAM	55340	100RB#0	VN	NT	4.15	0.001166	±2.5	PASS



Band48	20MHz	64QAM	55340	100RB#0	VH	NT	5.79	0.001626	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VL	NT	4.29	0.001183	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VN	NT	-4.22	-0.001164	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VH	NT	-2.47	-0.000681	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VL	NT	6.02	0.001631	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VN	NT	-5.45	-0.001477	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VH	NT	-4.05	-0.001098	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	NV	-30	6.47	0.001821	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	-20	6.21	0.001748	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	0	6.91	0.001945	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	10	7.27	0.002046	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	20	7.21	0.00203	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	30	4.59	0.001289	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	40	4.08	0.001146	±2.5	PASS
Band48	5MHz	QPSK	55265	25RB#0	NV	50	4.92	0.001357	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	-30	5.04	0.00139	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	-20	-4.29	-0.00118	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	0	6.04	0.001666	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	10	-2.4	-0.00066	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	20	8.93	0.002463	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	30	-4.28	-0.00118	±2.5	PASS
Band48	5MHz	QPSK	55990	25RB#0	NV	40	3.83	0.001057	±2.5	PASS



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Band48	5MHz	QPSK	55990	25RB#0	NV	50	-2.78	-0.00075	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	-30	5.18	0.001401	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	-20	4.63	0.001252	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	0	-5.36	-0.00145	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	10	2.1	0.000568	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	20	5.98	0.001617	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	30	4.22	0.001164	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	40	-4.46	-0.00123	±2.5	PASS
Band48	5MHz	QPSK	56715	25RB#0	NV	50	-4.46	-0.00123	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	-30	7.47	0.002103	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	-20	5.99	0.001686	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	0	4.59	0.001292	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	10	7.57	0.002131	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	20	6.35	0.001787	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	30	5.35	0.001503	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	40	5.28	0.001483	±2.5	PASS
Band48	5MHz	16QAM	55265	25RB#0	NV	50	4.62	0.001298	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	-30	5.58	0.001539	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	-20	5.18	0.001429	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	0	4.59	0.001266	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	10	4.38	0.001208	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	20	2.95	0.000814	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	30	-4.31	-0.00119	±2.5	PASS
Band48	5MHz	16QAM	55990	25RB#0	NV	40	4.58	0.00124	±2.5	PASS

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Band48	5MHz	16QAM	55990	25RB#0	NV	50	-2.29	-0.00062	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	-30	3.95	0.001068	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	-20	-3.6	-0.00097	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	0	5.54	0.001498	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	10	6.27	0.001696	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	20	6.21	0.00168	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	30	4.55	0.001279	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	40	5.82	0.001636	±2.5	PASS
Band48	5MHz	16QAM	56715	25RB#0	NV	50	3.22	0.000905	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	-30	3.95	0.001112	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	-20	6.82	0.00192	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	0	3.66	0.00103	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	10	-4.99	-0.00141	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	20	5.46	0.001537	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	30	-3.93	-0.00106	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	40	3.76	0.001018	±2.5	PASS
Band48	5MHz	64QAM	55265	25RB#0	NV	50	-6.17	-0.00173	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	-30	4.03	0.001112	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	-20	-3.5	-0.00097	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	0	5.32	0.001468	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	10	4.94	0.001363	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	20	3.93	0.001084	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	30	4.55	0.001279	±2.5	PASS
Band48	5MHz	64QAM	55990	25RB#0	NV	40	5.82	0.001636	±2.5	PASS



Band48	5MHz	64QAM	55990	25RB#0	NV	50	3.22	0.000905	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	-30	-4.31	-0.00117	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	-20	7.71	0.002085	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	0	-5.08	-0.00137	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	10	5.42	0.001466	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	20	6.78	0.001834	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	30	-4.33	-0.00119	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	40	-3.2	-0.00087	±2.5	PASS
Band48	5MHz	64QAM	56715	25RB#0	NV	50	3.63	0.000983	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	-30	-3.66	-0.00103	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	-20	-4.39	-0.00124	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	0	4.02	0.001131	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	10	5.88	0.001654	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	20	-5.18	-0.00146	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	30	-4.43	-0.00125	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	40	4.98	0.0014	±2.5	PASS
Band48	10MHz	QPSK	55290	50RB#0	NV	50	4.89	0.001375	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	-30	-7.24	-0.002	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	-20	2.33	0.000643	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	0	-2.8	-0.00077	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	10	-4.45	-0.00123	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	20	-5.35	-0.00148	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	30	-3.45	-0.00097	±2.5	PASS
Band48	10MHz	QPSK	55990	50RB#0	NV	40	-3.28	-0.00092	±2.5	PASS



Band48	10MHz	QPSK	55990	50RB#0	NV	50	-4.43	-0.00125	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-30	5.41	0.001464	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	-20	8.28	0.002241	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	0	4.75	0.001286	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	10	3.22	0.000871	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	20	-6.98	-0.00189	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	30	-6.61	-0.00179	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	40	-5.64	-0.00153	±2.5	PASS
Band48	10MHz	QPSK	56690	50RB#0	NV	50	-6.68	-0.00181	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	-30	5.08	0.001429	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	-20	-5.01	-0.00141	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	0	-6.77	-0.0019	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	10	4.23	0.00119	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	20	5.21	0.001466	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	30	-4.39	-0.00124	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	40	4.02	0.001131	±2.5	PASS
Band48	10MHz	16QAM	55290	50RB#0	NV	50	5.88	0.001654	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	-30	-4.43	-0.00122	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	-20	-5.41	-0.00149	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	0	-1.93	-0.00053	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	10	-7.74	-0.00214	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	20	-6.19	-0.00171	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	30	5.32	0.001468	±2.5	PASS
Band48	10MHz	16QAM	55990	50RB#0	NV	40	4.94	0.001363	±2.5	PASS



Band48	10MHz	16QAM	55990	50RB#0	NV	50	3.93	0.001084	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	-30	-4.76	-0.00129	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	-20	-6.74	-0.00182	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	0	-6.61	-0.00179	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	10	-5.64	-0.00153	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	20	-6.68	-0.00181	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	30	3.95	0.001112	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	40	-4.99	-0.00141	±2.5	PASS
Band48	10MHz	16QAM	56690	50RB#0	NV	50	3.66	0.00103	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	-30	-4.45	-0.00125	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	-20	3.39	0.000954	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	0	-3.45	-0.00097	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	10	-3.28	-0.00092	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	20	-4.43	-0.00125	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	30	2.33	0.000643	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	40	-2.8	-0.00077	±2.5	PASS
Band48	10MHz	64QAM	55290	50RB#0	NV	50	-4.45	-0.00123	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	-30	3.73	0.001029	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	-20	-10.2	-0.00281	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	0	-6.01	-0.00166	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	10	4.88	0.001346	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	20	3.96	0.001092	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	30	-4.43	-0.00125	±2.5	PASS
Band48	10MHz	64QAM	55990	50RB#0	NV	40	4.98	0.0014	±2.5	PASS



Band48	10MHz	64QAM	55990	50RB#0	NV	50	-3.93	-0.00111	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	-30	5.41	0.001464	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	-20	-5.29	-0.00143	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	0	-7	-0.00189	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	10	-4.73	-0.00128	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	20	-6.41	-0.00174	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	30	3.39	0.000954	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	40	-3.45	-0.00097	±2.5	PASS
Band48	10MHz	64QAM	56690	50RB#0	NV	50	-3.28	-0.00092	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	-30	-6.09	-0.00171	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	-20	-4.43	-0.00125	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	0	4.98	0.0014	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	10	4.89	0.001375	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	20	-3.93	-0.00111	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	30	-2.8	-0.00077	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	40	-4.45	-0.00123	±2.5	PASS
Band48	15MHz	QPSK	55315	75RB#0	NV	50	-5.35	-0.00148	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	-30	4.28	0.001181	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	-20	4.48	0.001236	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	0	5.97	0.001647	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	10	-7.27	-0.00201	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	20	-4.33	-0.00119	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	30	4.23	0.00119	±2.5	PASS
Band48	15MHz	QPSK	55990	75RB#0	NV	40	5.21	0.001466	±2.5	PASS



Band48	15MHz	QPSK	55990	75RB#0	NV	50	-4.43	-0.00122	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	-30	-3.2	-0.00087	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	-20	3.63	0.000983	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	0	-7.21	-0.00195	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	10	-6.17	-0.00167	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	20	-5.01	-0.00136	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	30	4.75	0.001286	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	40	3.22	0.000871	±2.5	PASS
Band48	15MHz	QPSK	56665	75RB#0	NV	50	-6.98	-0.00189	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	-30	4.55	0.001279	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	-20	5.82	0.001636	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	0	3.22	0.000905	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	10	9.14	0.002569	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	20	2.93	0.000824	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	30	-4.43	-0.00122	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	40	-5.41	-0.00149	±2.5	PASS
Band48	15MHz	16QAM	55315	75RB#0	NV	50	-1.93	-0.00053	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	-30	-8.44	-0.00233	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	-20	-5.51	-0.00152	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	0	6.38	0.00176	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	10	-6.21	-0.00171	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	20	-5.09	-0.0014	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	30	4.75	0.001286	±2.5	PASS
Band48	15MHz	16QAM	55990	75RB#0	NV	40	3.22	0.000871	±2.5	PASS



Band48	15MHz	16QAM	55990	75RB#0	NV	50	4.23	0.00119	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	-30	-4.41	-0.00119	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	-20	-5.74	-0.00156	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	0	-6.68	-0.00181	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	10	-3.93	-0.00106	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	20	3.76	0.001018	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	30	-6.68	-0.00181	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	40	-3.93	-0.00106	±2.5	PASS
Band48	15MHz	16QAM	56665	75RB#0	NV	50	3.76	0.001018	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	-30	-6.17	-0.00173	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	-20	4.91	0.00138	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	0	-6.12	-0.00172	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	10	9.11	0.002561	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	20	7.74	0.002176	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	30	2.33	0.000643	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	40	-2.8	-0.00077	±2.5	PASS
Band48	15MHz	64QAM	55315	75RB#0	NV	50	-4.45	-0.00123	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	-30	4.22	0.001164	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	-20	-4.46	-0.00123	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	0	-4.46	-0.00123	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	10	-4.75	-0.00131	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	20	-4.31	-0.00119	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	30	-3.5	-0.00097	±2.5	PASS
Band48	15MHz	64QAM	55990	75RB#0	NV	40	5.32	0.001468	±2.5	PASS



Band48	15MHz	64QAM	55990	75RB#0	NV	50	4.94	0.001363	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	-30	4.58	0.00124	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	-20	-2.29	-0.00062	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	0	-4.68	-0.00127	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	10	-8.01	-0.00217	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	20	-3.58	-0.00097	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	30	4.63	0.001252	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	40	-5.36	-0.00145	±2.5	PASS
Band48	15MHz	64QAM	56665	75RB#0	NV	50	2.1	0.000568	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	-30	5.35	0.001503	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	-20	5.28	0.001483	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	0	4.62	0.001298	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	10	4.95	0.00139	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	20	6.09	0.001711	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	30	4.29	0.001183	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	40	-4.22	-0.00116	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	50	-2.47	-0.00068	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	4.96	0.001368	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	3.49	0.000963	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	7.44	0.002052	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	-4.28	-0.00118	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	3.83	0.001057	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	-3.69	-0.001	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	-3.2	-0.00087	±2.5	PASS



Band48	20MHz	QPSK	55990	100RB#0	NV	50	-5.38	-0.00146	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-30	-2.78	-0.00075	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-20	6.05	0.00164	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	0	2.86	0.000775	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	10	3.98	0.001079	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	20	4.65	0.00126	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	30	-2.88	-0.00078	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	40	-4.88	-0.00132	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	50	2.62	0.000736	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-30	-6.48	-0.00182	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-20	-5.74	-0.00161	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	0	4.59	0.001289	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	10	-6.45	-0.00181	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	20	4.08	0.001146	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	30	2.85	0.000801	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	40	3.89	0.001053	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	50	3.45	0.000934	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-30	4.92	0.001357	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-20	6.49	0.00179	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	0	5.34	0.001473	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	10	4.12	0.001137	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	20	-5.35	-0.00148	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	30	3.4	0.000938	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	40	-3.83	-0.00108	±2.5	PASS



Band48	20MHz	16QAM	55990	100RB#0	NV	50	2.8	0.000758	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-30	-1.96	-0.00053	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-20	3.93	0.001065	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	0	-9.57	-0.00259	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	10	-4.46	-0.00121	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	20	-4.42	-0.0012	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	30	-3.91	-0.00108	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	40	-4.02	-0.00113	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	50	-2.83	-0.00078	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-30	-4.69	-0.00132	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-20	-4.12	-0.00116	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	0	4.82	0.001354	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	10	-3.09	-0.00087	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	20	5.59	0.00157	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	30	4.63	0.001277	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	40	-3.96	-0.00107	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	50	4.32	0.001168	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	-30	5.22	0.00144	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	-20	-2.68	-0.00074	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	0	7.47	0.002061	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	10	-3.65	-0.00101	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	20	-5.84	-0.00161	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	30	1.87	0.000526	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	40	2.85	0.000801	±2.5	PASS



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Band48	20MHz	64QAM	55990	100RB#0	NV	50	2.8	0.000758	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-30	-7.17	-0.00194	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-20	-3.83	-0.00104	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	0	-7.08	-0.00192	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	10	-5.58	-0.00151	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	20	-5.15	-0.0014	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	30	2.8	0.000787	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	40	2.62	0.000736	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	50	-2.88	-0.00078	±2.5	PASS



LTE BAND48C

26DB BANDWIDTH AND OCCUPIED BANDWIDTH TEST RESULT

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	27.517	29.13	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	27.857	29.25	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	27.513	29.11	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	27.560	29.13	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	27.707	29.29	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	27.498	29.13	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	50RB#0-100RB#0	27.537	29.14	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	50RB#0-100RB#0	27.523	29.14	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	50RB#0-100RB#0	27.490	29.13	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	32.441	34.26	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	32.434	34.29	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	32.402	34.27	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	32.464	34.23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	32.444	34.26	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	32.441	34.25	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	75RB#0-100RB#0	32.448	34.27	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	75RB#0-100RB#0	32.426	34.26	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	75RB#0-100RB#0	32.419	34.26	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	27.685	29.28	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56064	100RB#0-50RB#0	27.872	29.27	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	27.678	29.27	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	27.707	29.25	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56064	100RB#0-50RB#0	27.680	29.27	PASS
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	27.669	29.28	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	27.685	29.27	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56064	100RB#0-50RB#0	27.680	29.27	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	27.663	29.26	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	32.470	34.27	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	32.518	34.29	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	32.478	34.30	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	32.502	34.31	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	32.475	34.31	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	32.496	34.30	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	100RB#0-75RB#0	32.516	34.34	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	100RB#0-75RB#0	32.481	34.31	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	100RB#0-75RB#0	32.464	34.30	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	37.373	39.48	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	37.404	39.55	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	37.319	39.52	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	37.377	39.55	PASS



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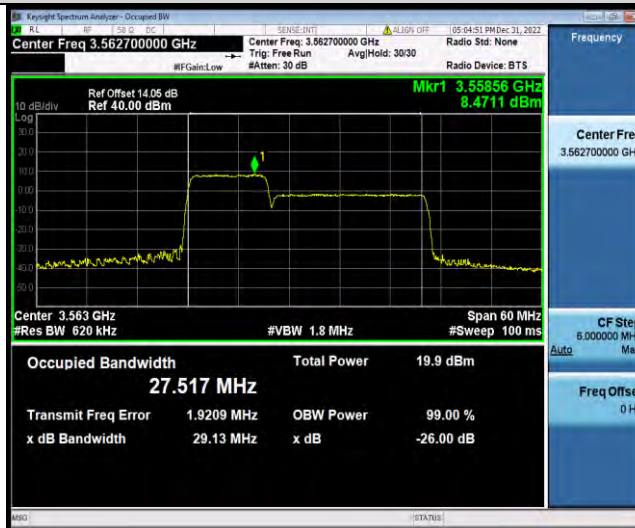
Test Report No.: W7L-P23030016RF10

48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	37.360	39.49	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	37.356	39.49	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	37.362	39.52	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	37.352	39.50	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	37.328	39.48	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	22.861	24.13	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	22.829	24.15	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	22.851	24.12	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	22.674	24.14	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	22.849	24.13	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	22.853	24.11	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	22.841	24.13	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	22.842	24.13	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	22.822	24.11	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	22.592	23.91	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	22.628	23.89	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	22.634	23.92	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	22.642	23.90	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	22.189	23.89	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	22.657	23.90	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	22.641	23.91	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	22.628	23.89	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	22.604	23.91	PASS

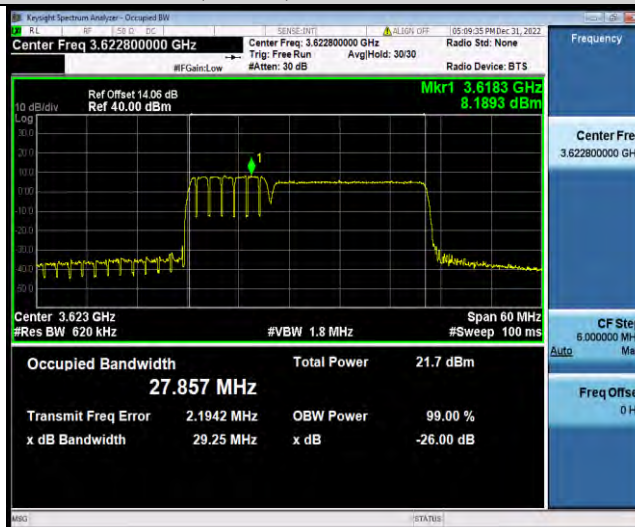


TEST GRAPHS

48-48-10MHz-20MHz-QPSK-QPSK-55295-55439-50RB#0-100RB#0



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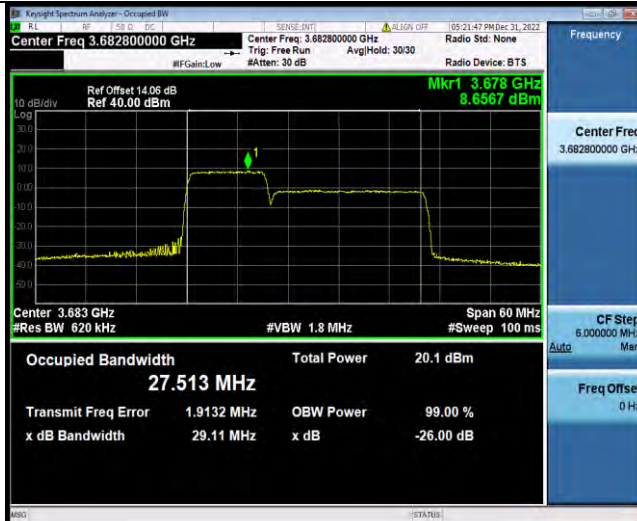


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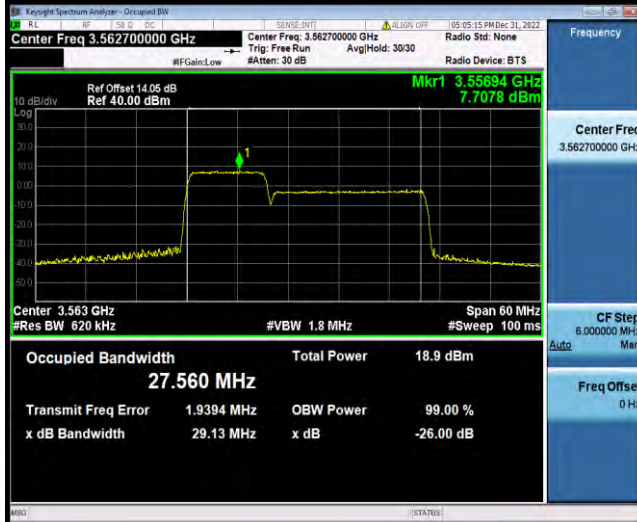


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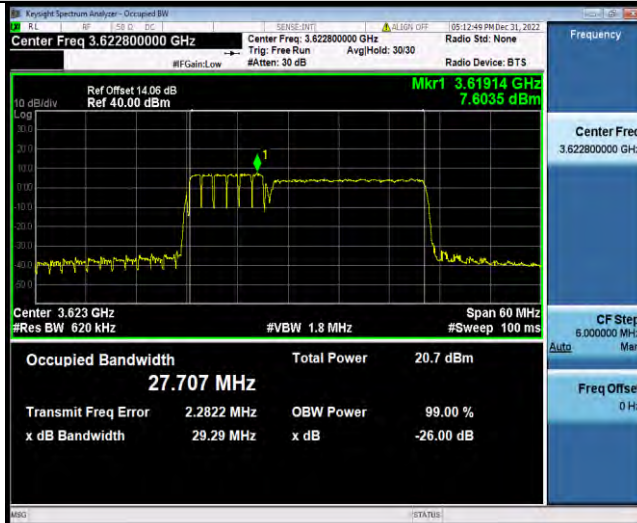
Test Report No.: W7L-P23030016RF10



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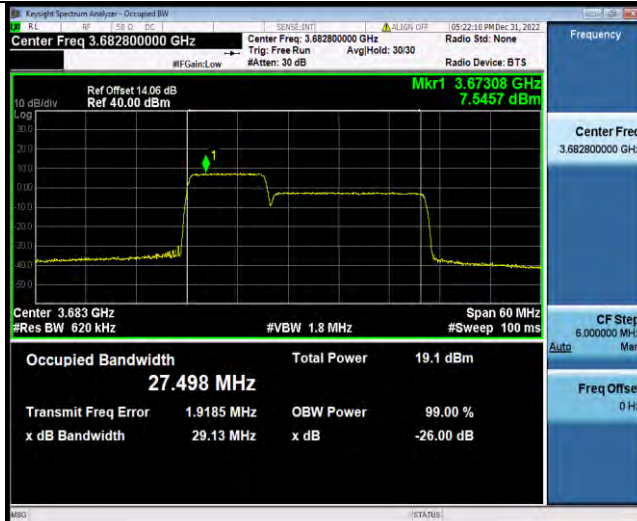


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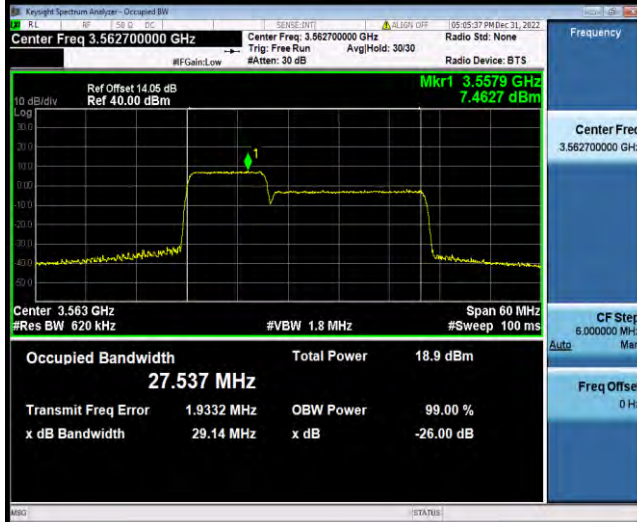
BV 7Layers Communications Technology (Shenzhen) Co., Ltd

No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

Tel: +86 755 8869 6566 Fax: +86 755 8869 6577 Email: customerservice.sw@bureauveritas.com



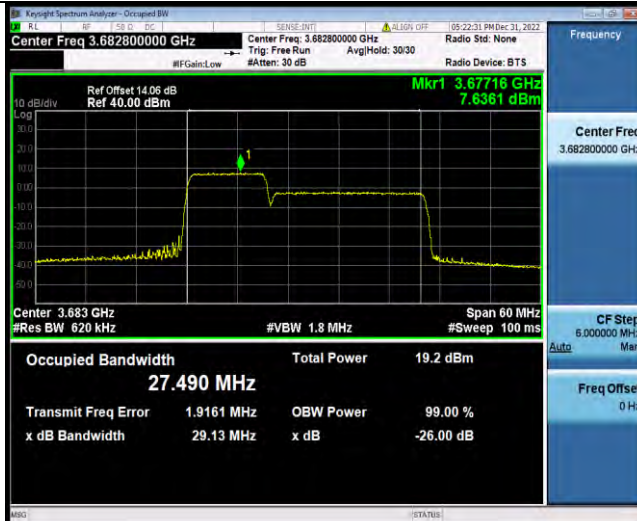
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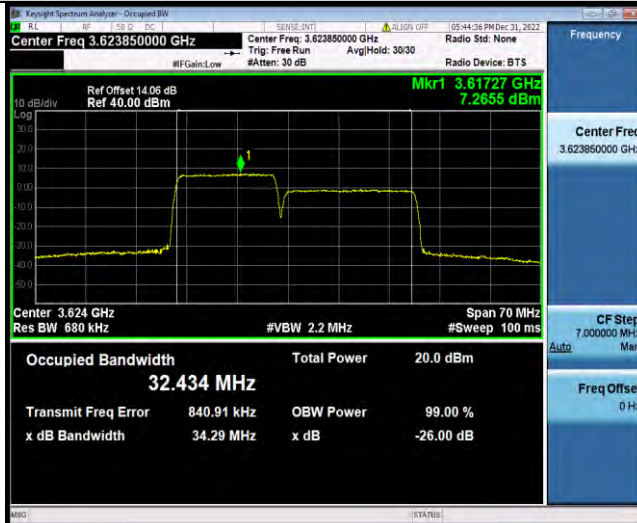
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48-48-15MHz-20MHz-QPSK-QPSK-55318-55489-75RB#0-100RB#0



48-48-15MHz-20MHz-QPSK-QPSK-55893-56064-75RB#0-100RB#0

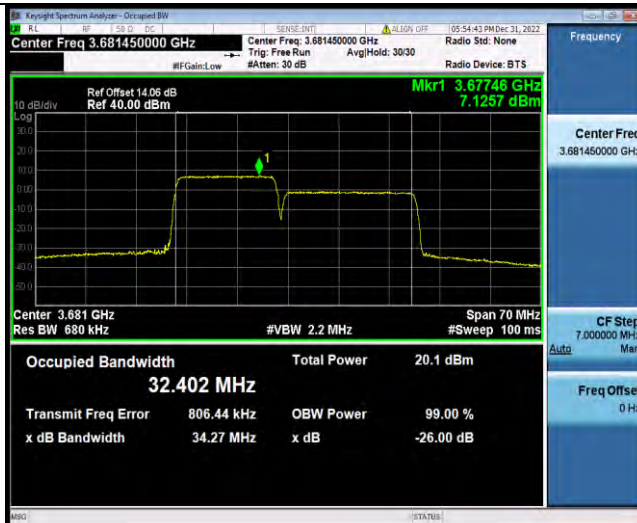


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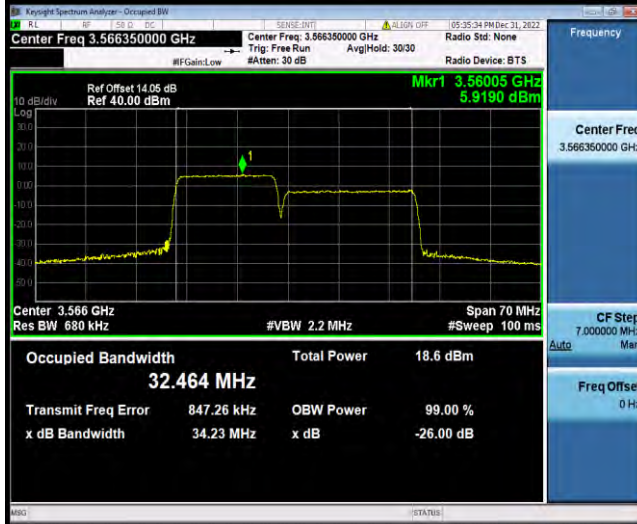


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Test Report No.: W7L-P23030016RF10



48-48-15MHz-20MHz-16QAM-16QAM-55318-55489-75RB#0-100RB#0



48-48-15MHz-20MHz-16QAM-16QAM-55893-56064-75RB#0-100RB#0

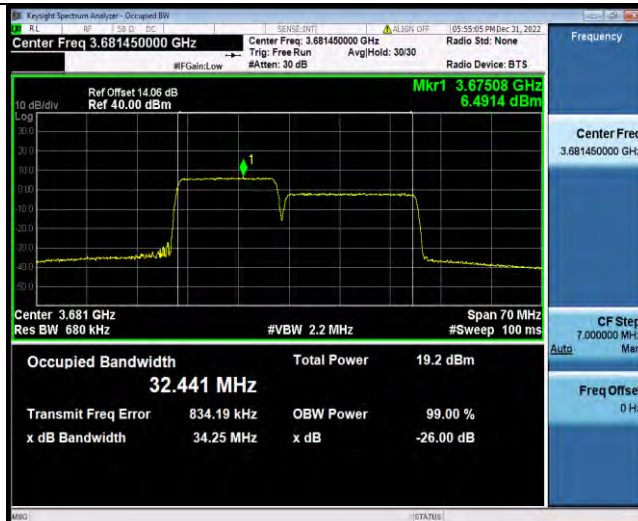


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No.B102, Dazu Chuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong, China

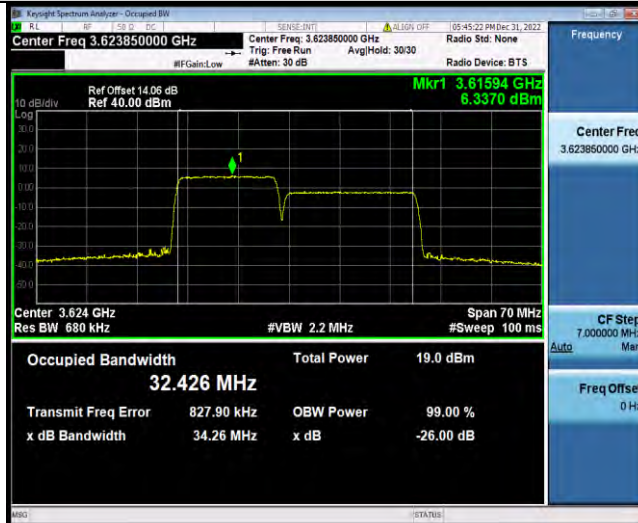
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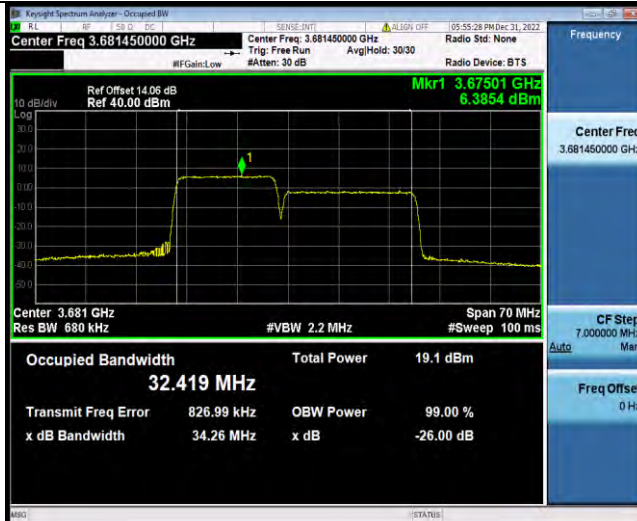
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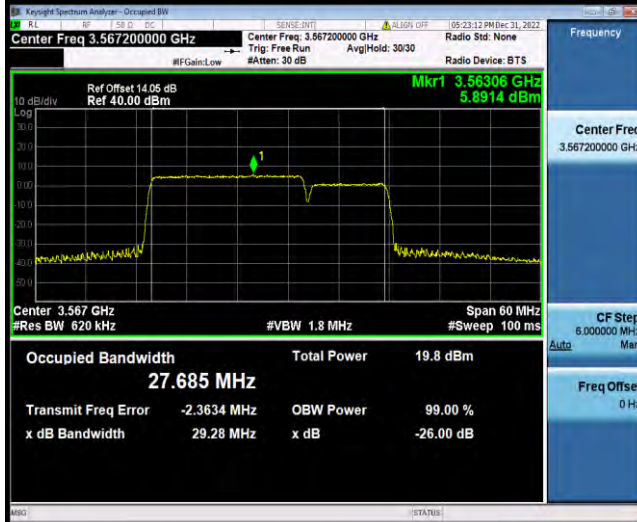
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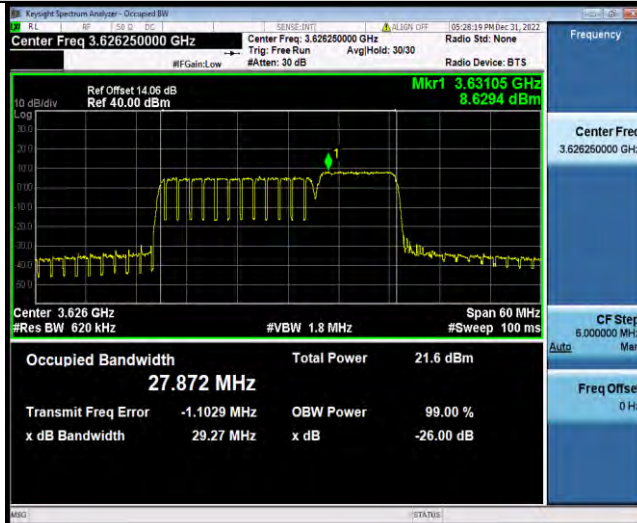
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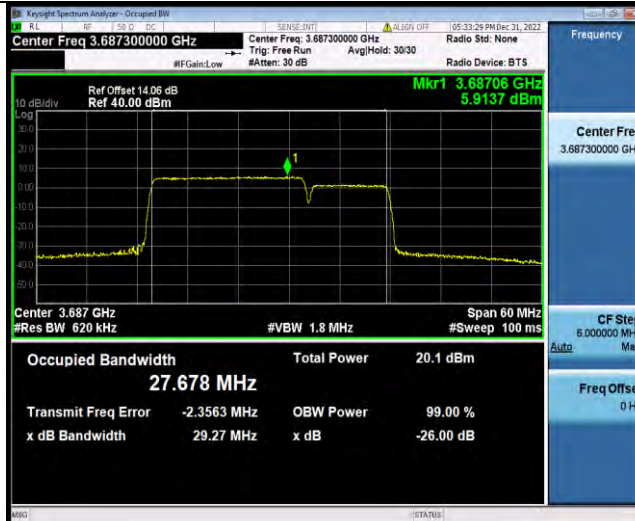
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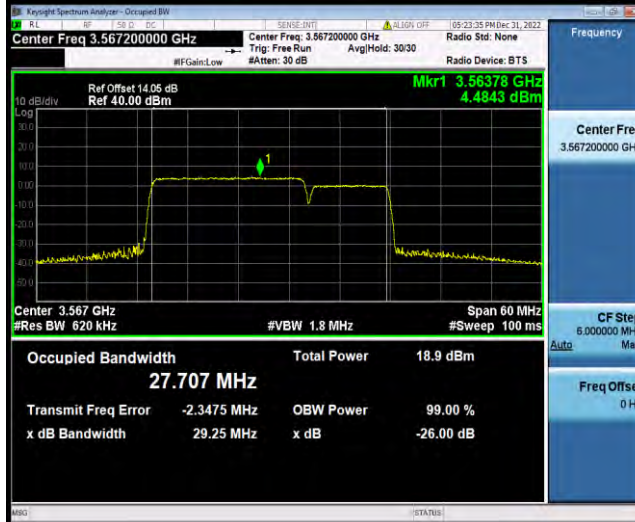
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48-48-20MHz-10MHz-QPSK-QPSK-56541-56685-100RB#0-50RB#0



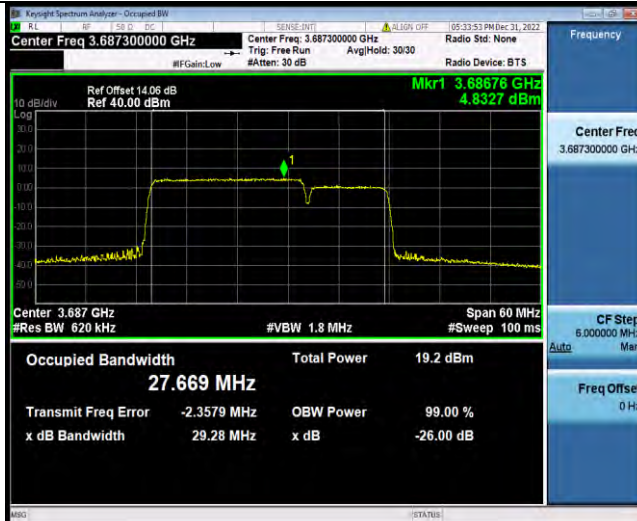
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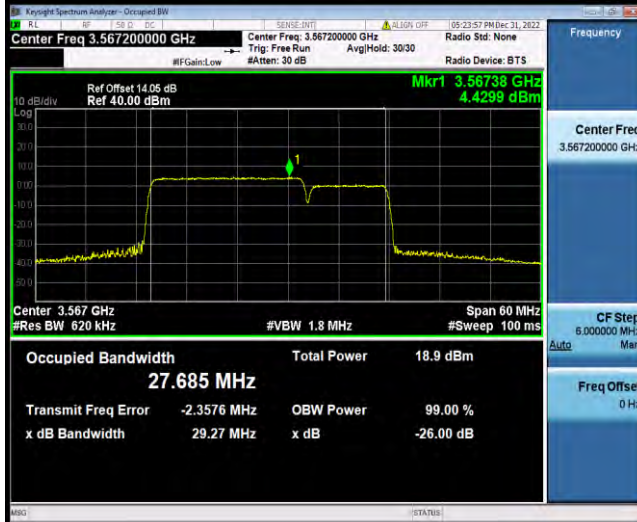
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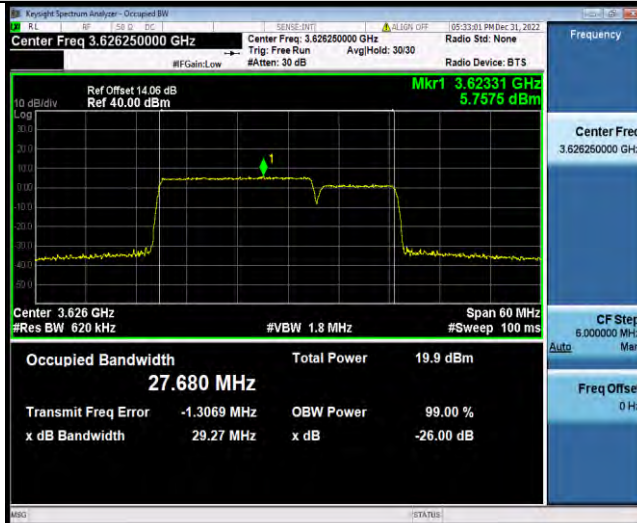
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48-48-20MHz-10MHz-64QAM-64QAM-55340-55484-100RB#0-50RB#0



48-48-20MHz-10MHz-64QAM-64QAM-55941-56064-100RB#0-50RB#0



48-48-20MHz-10MHz-64QAM-64QAM-56541-56685-100RB#0-50RB#0